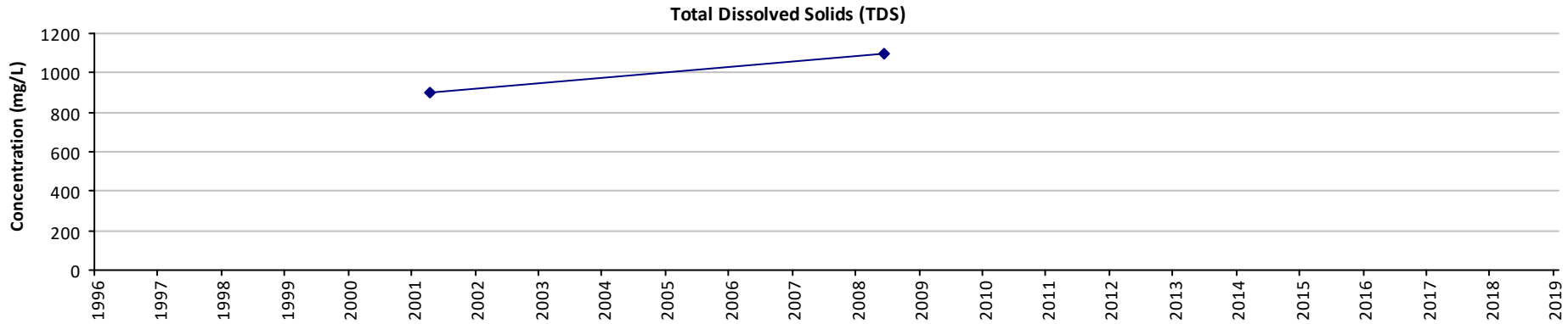
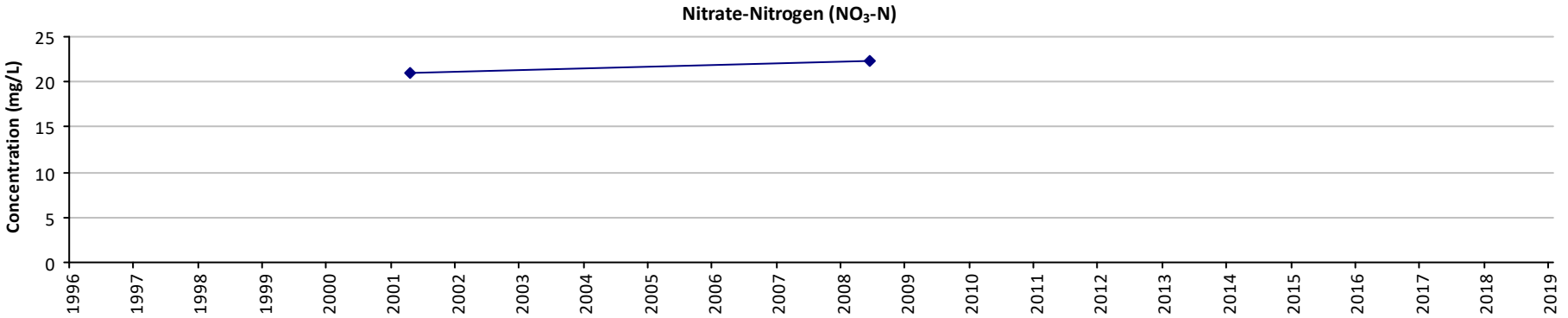
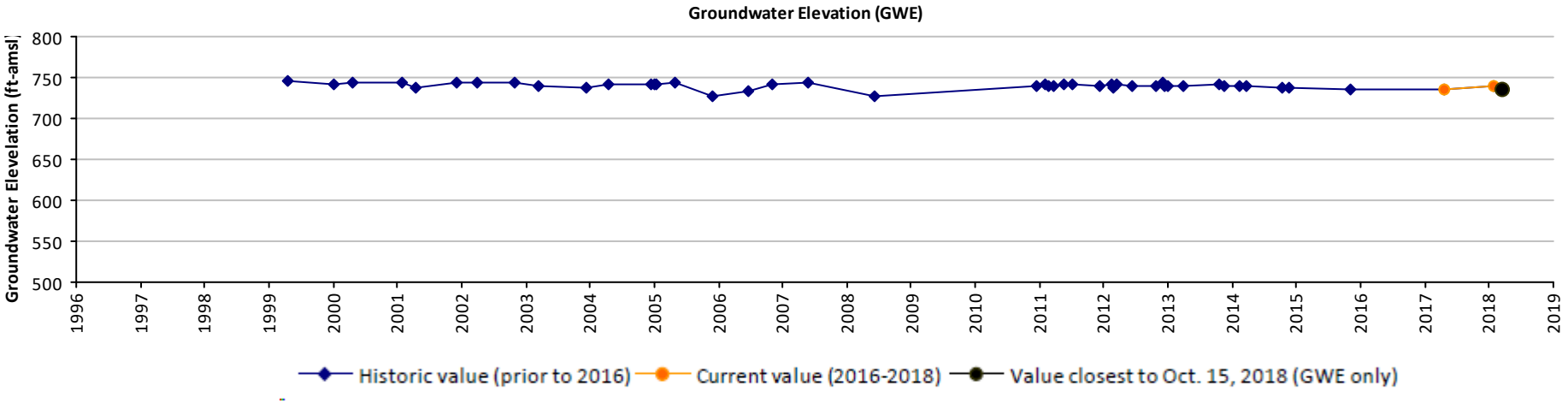
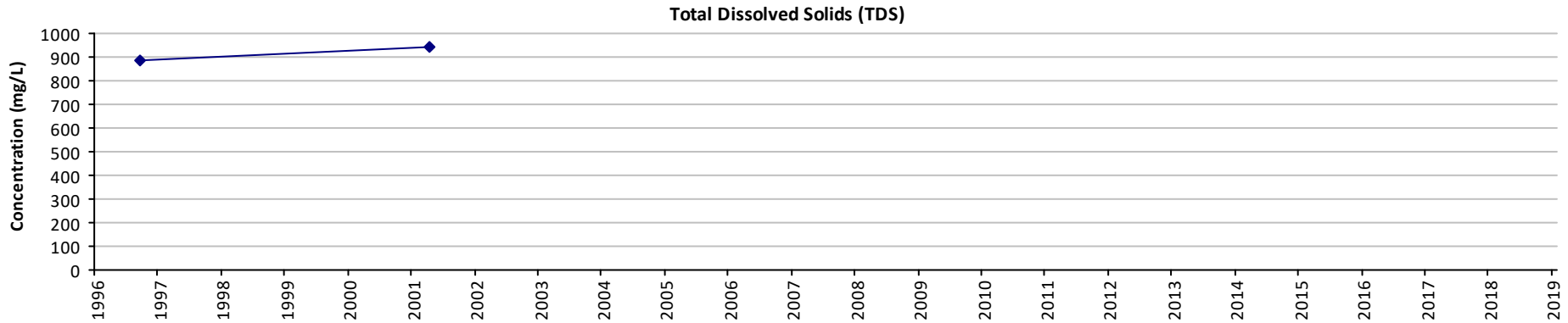
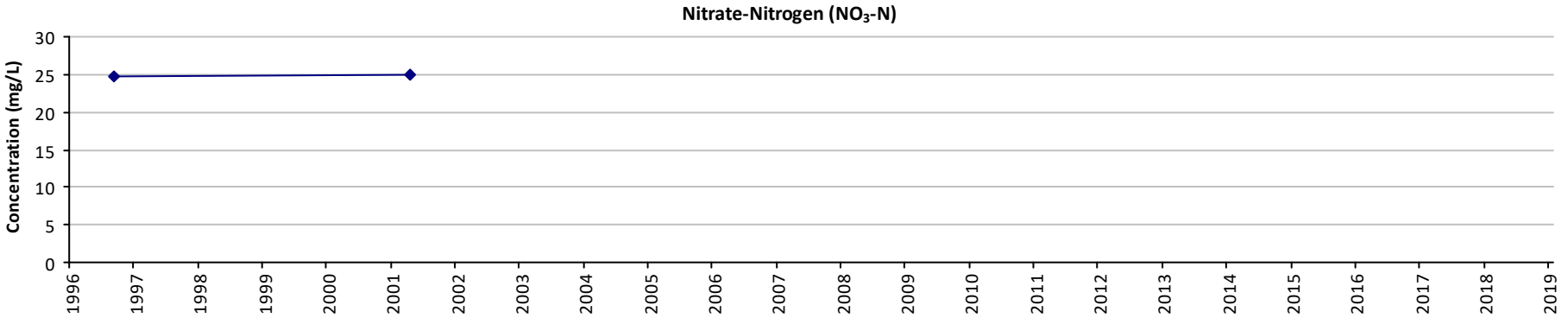
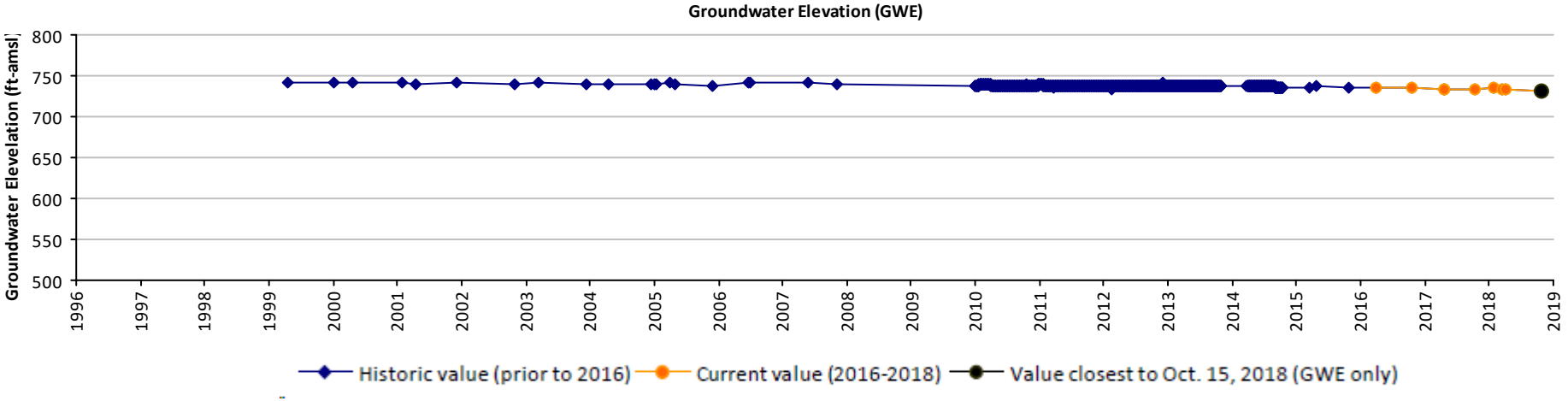

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

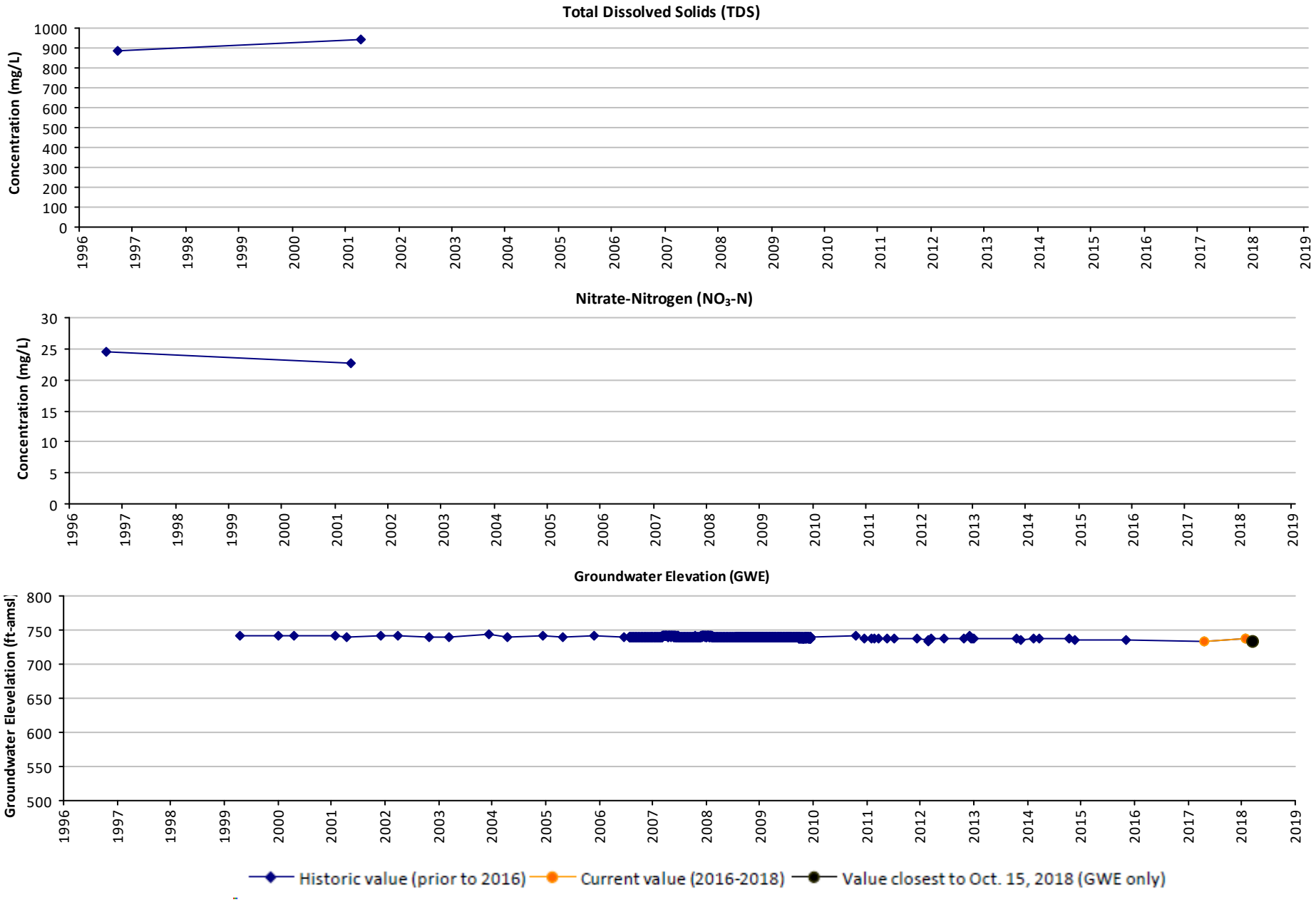

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

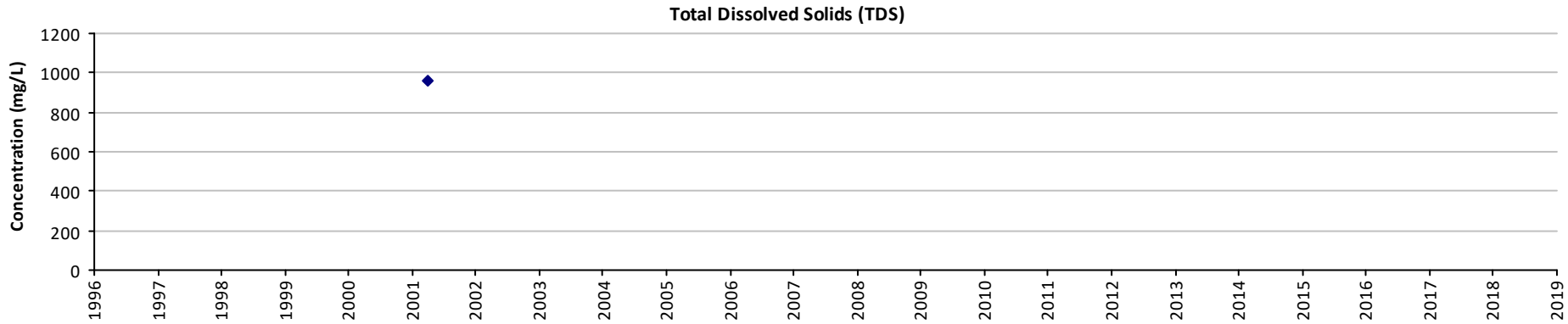

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
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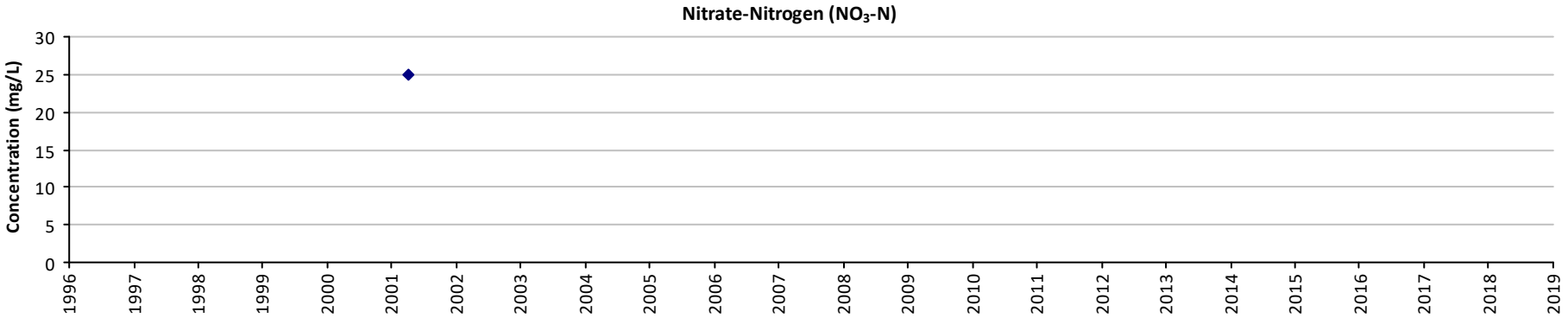
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
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2004
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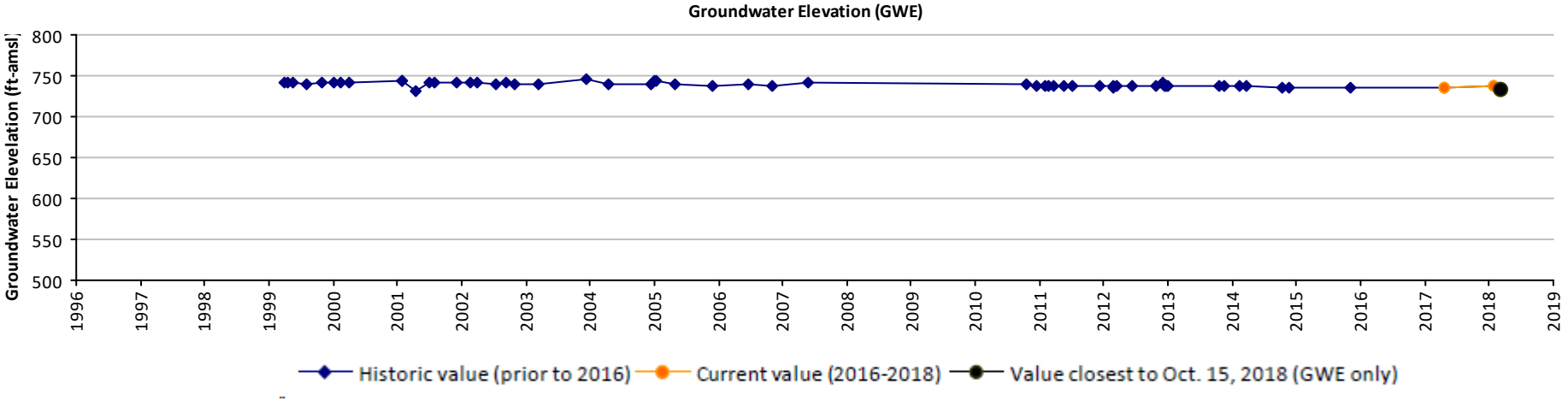
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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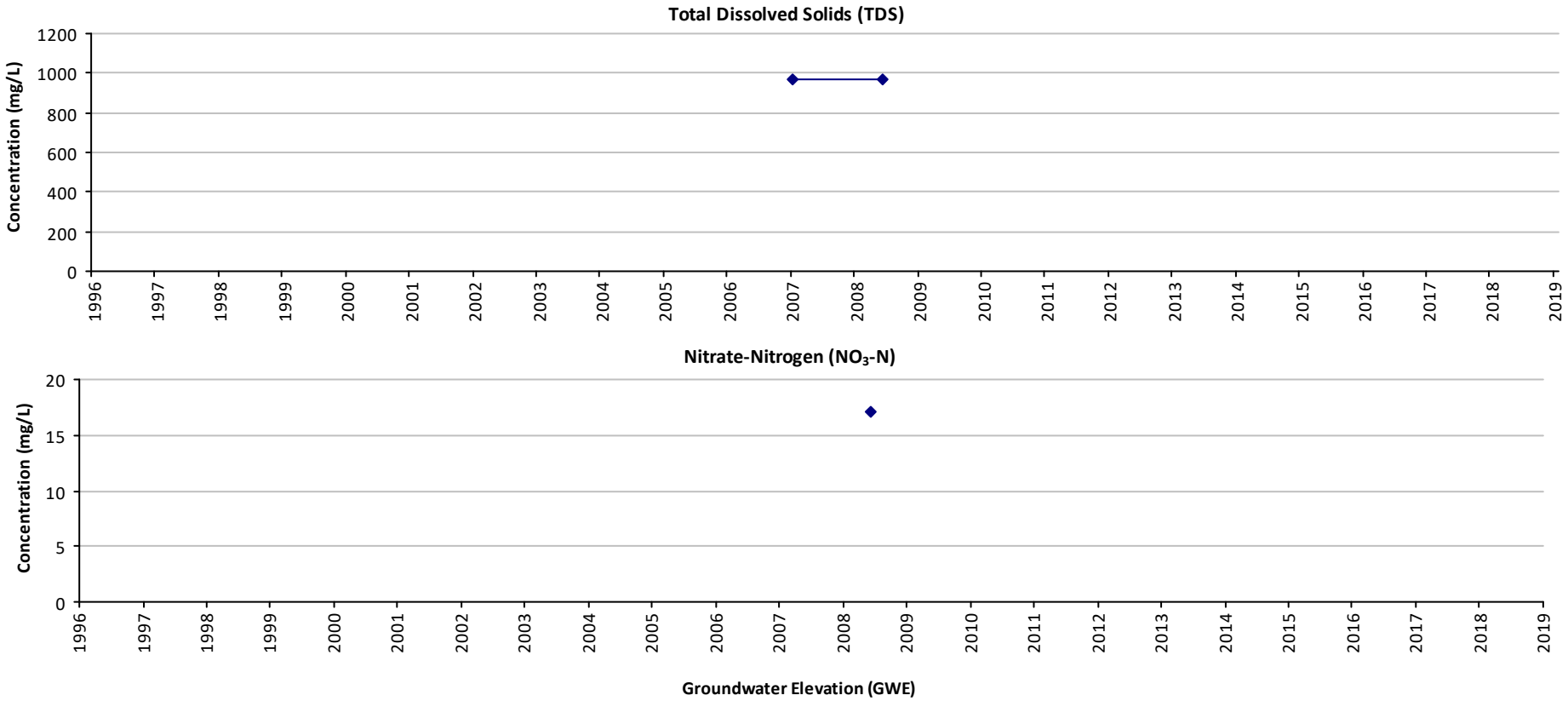
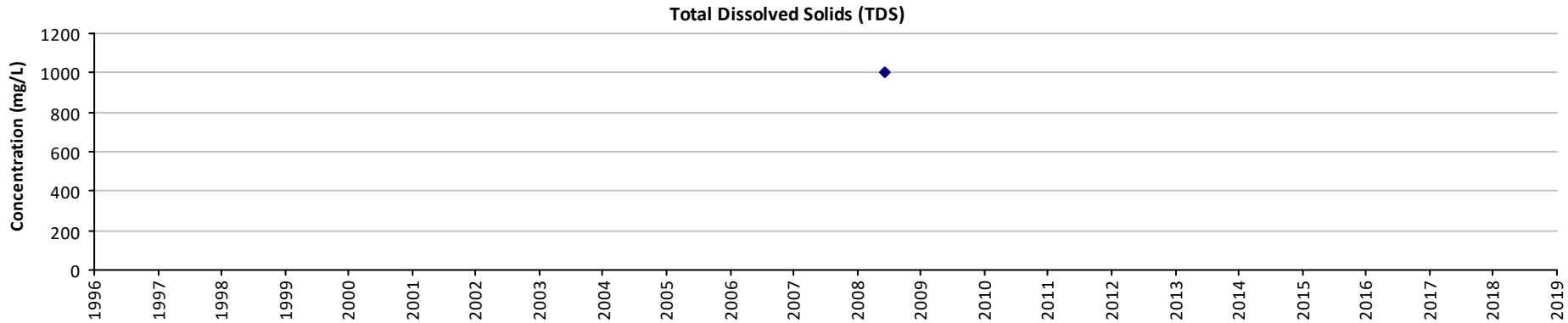
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
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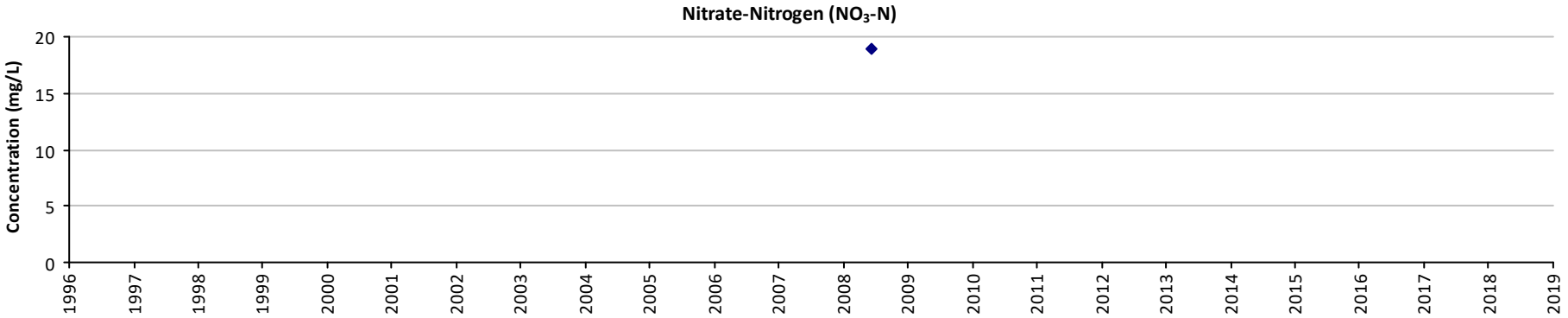
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
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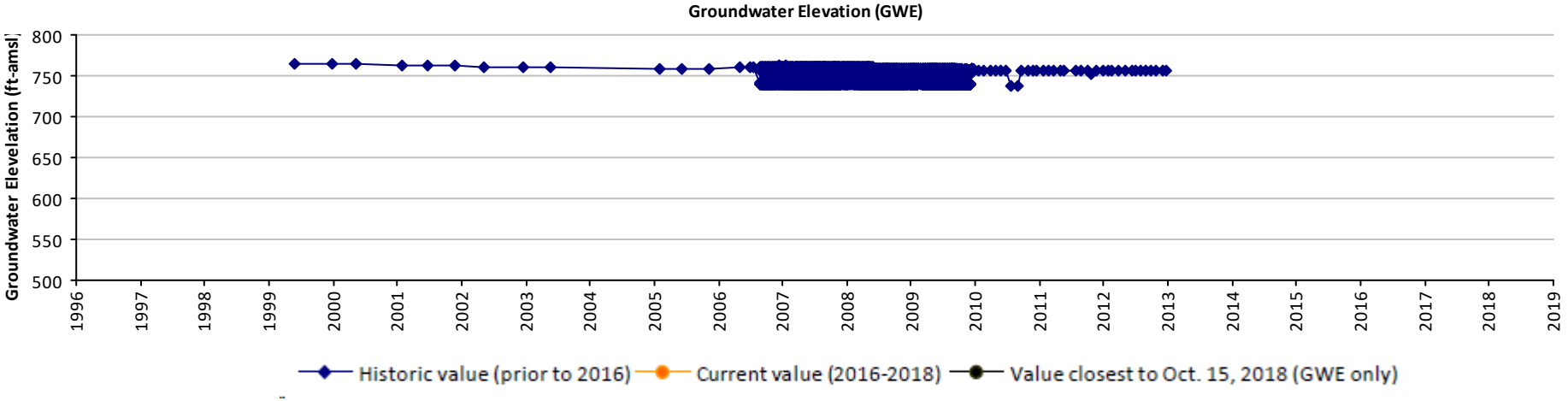
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
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2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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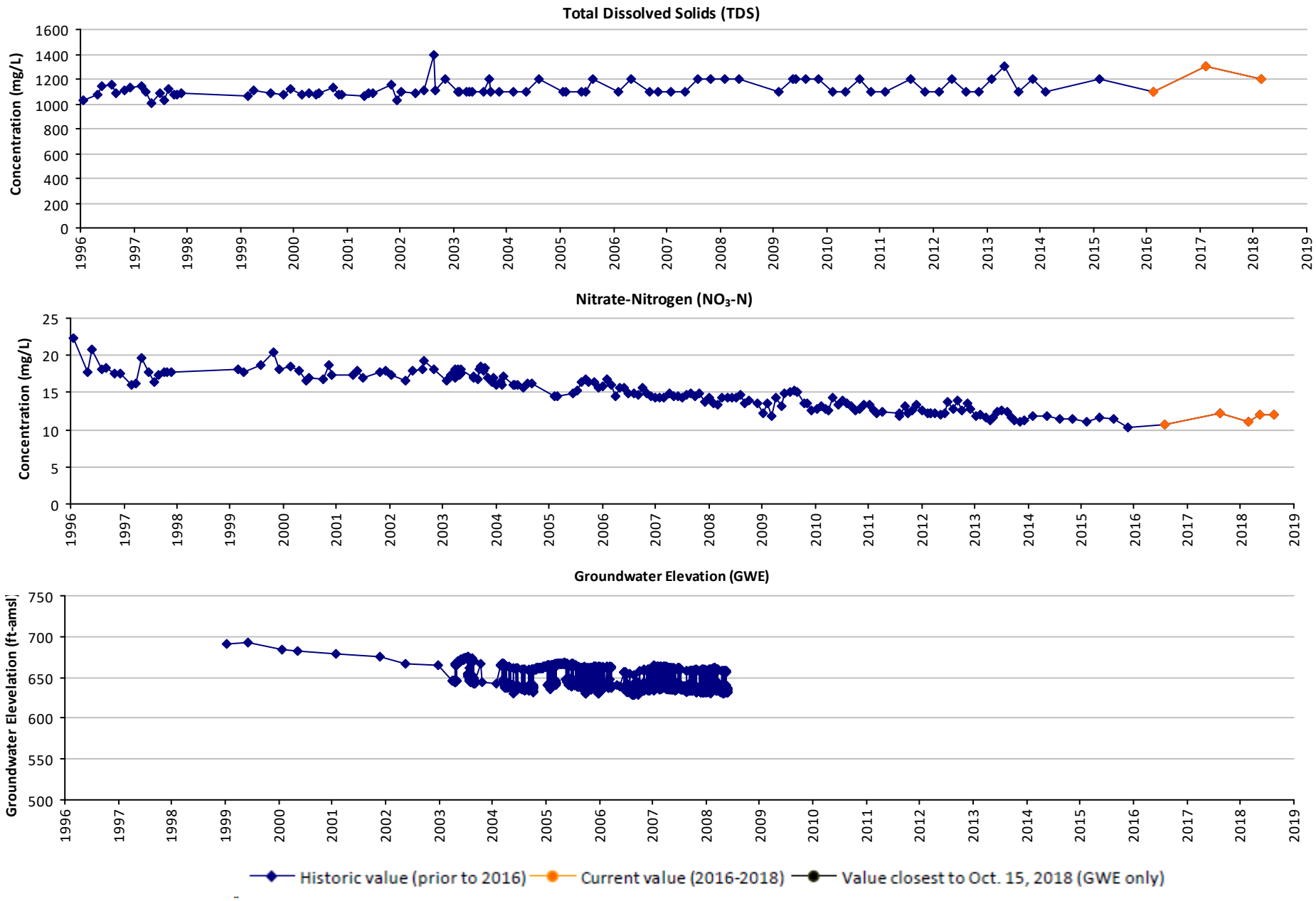
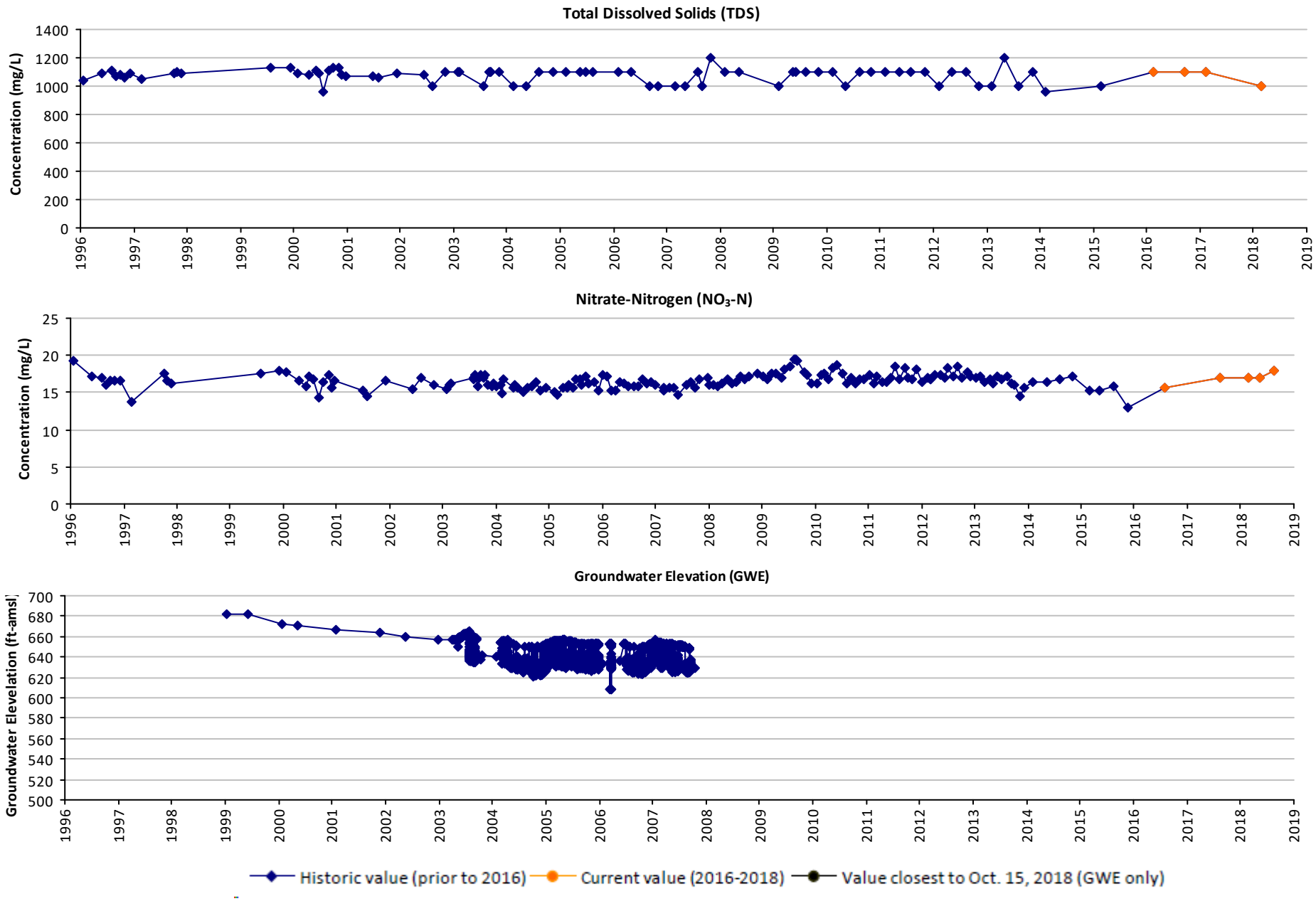
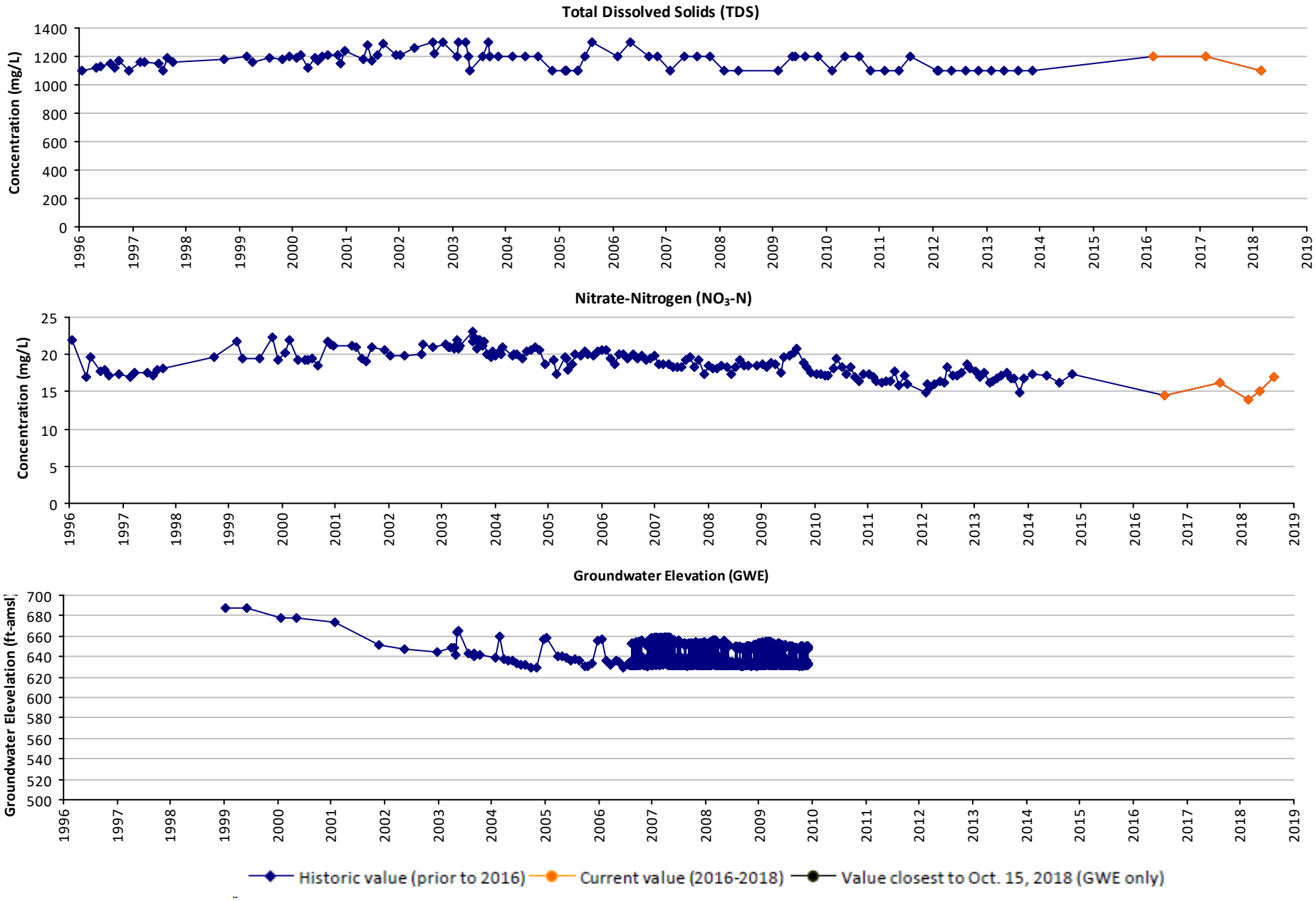
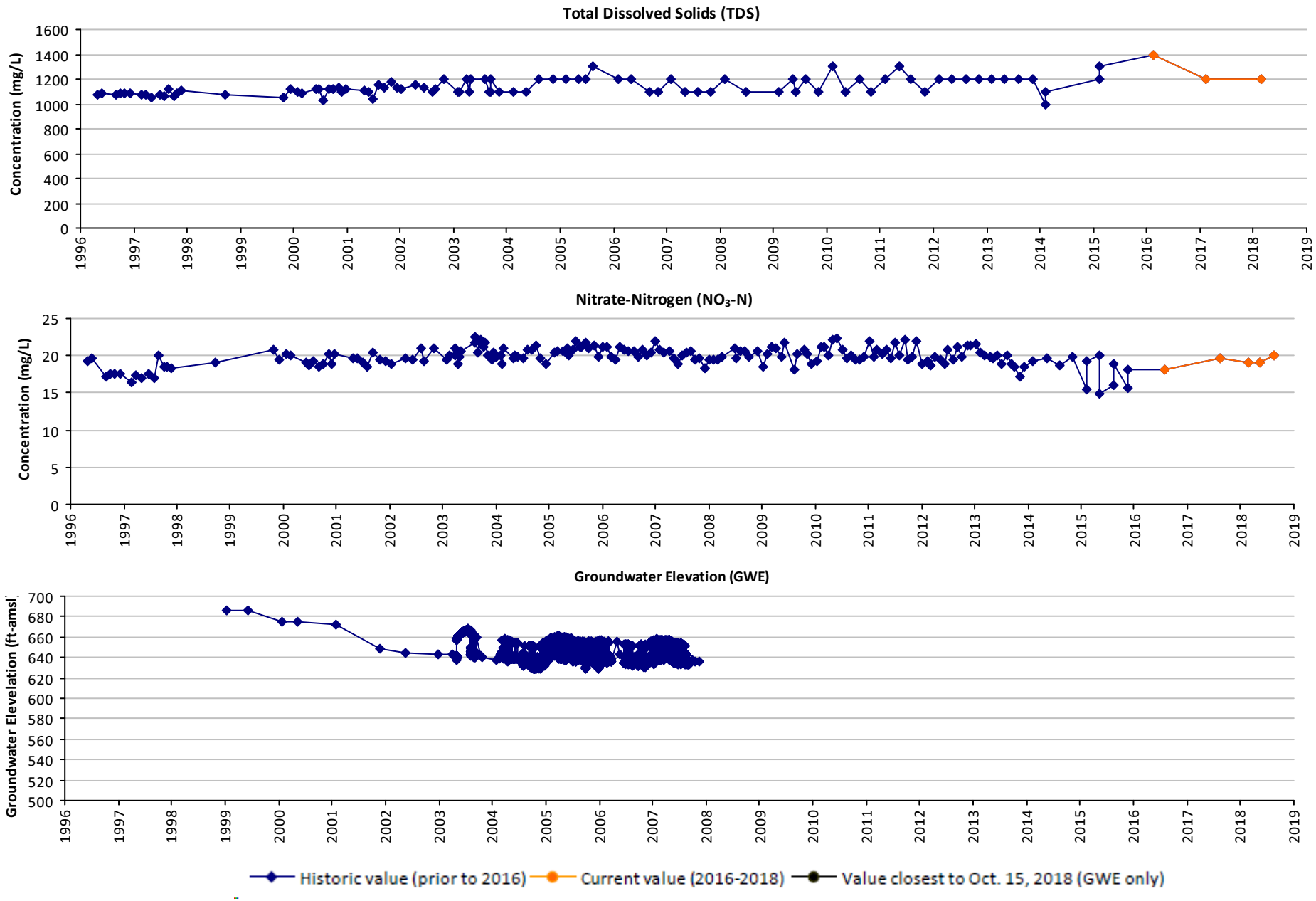
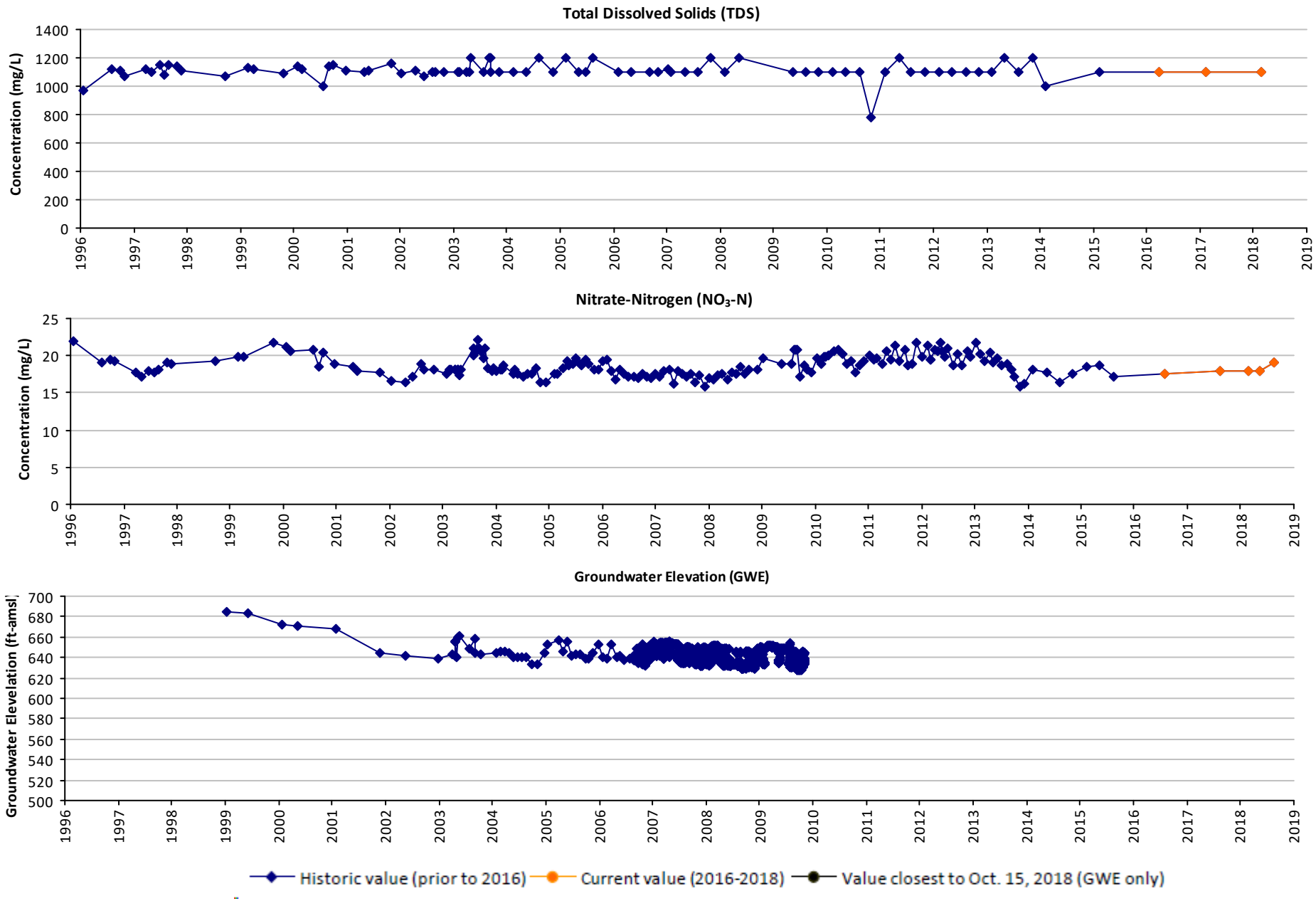
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

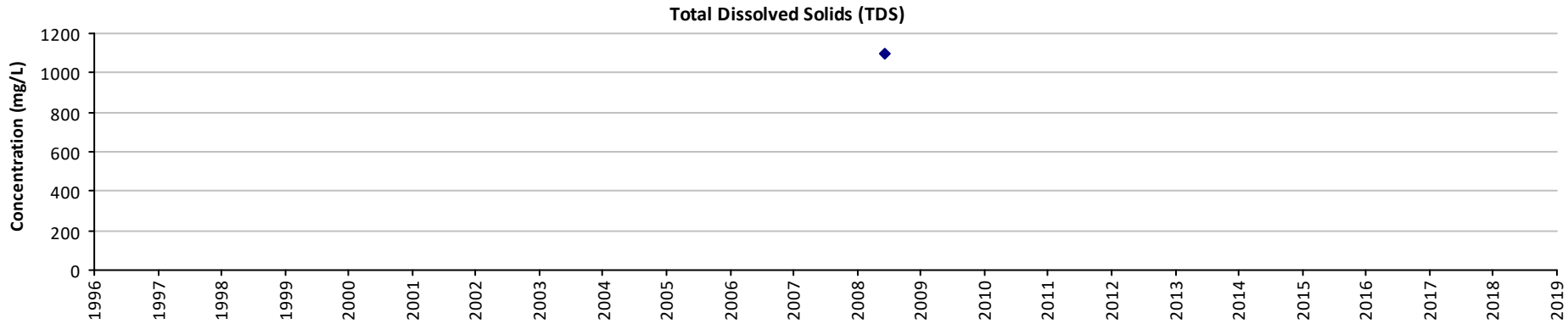

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

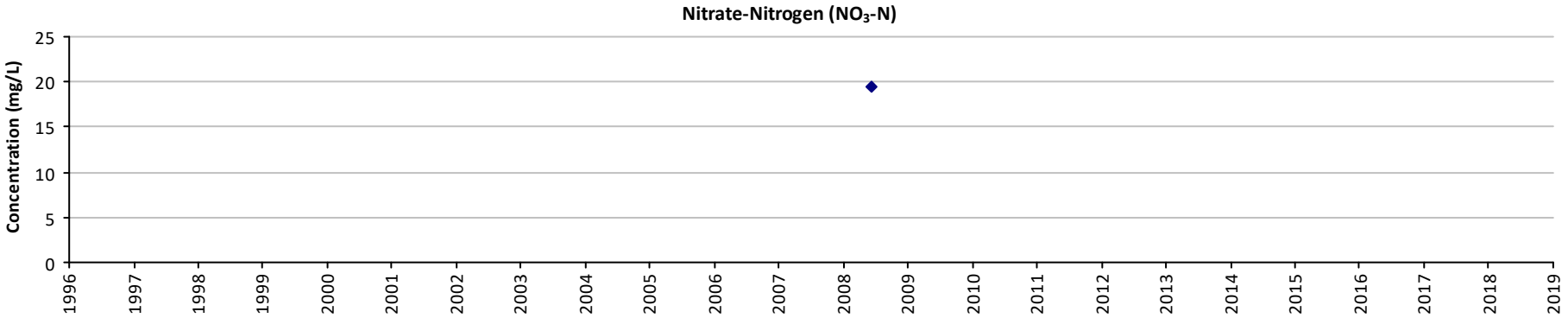

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

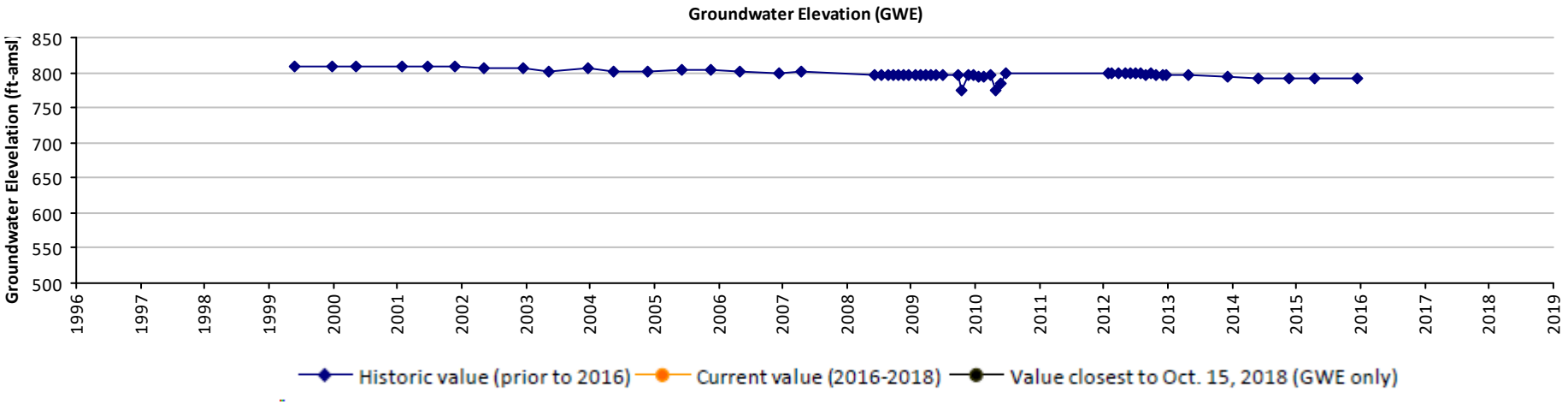

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

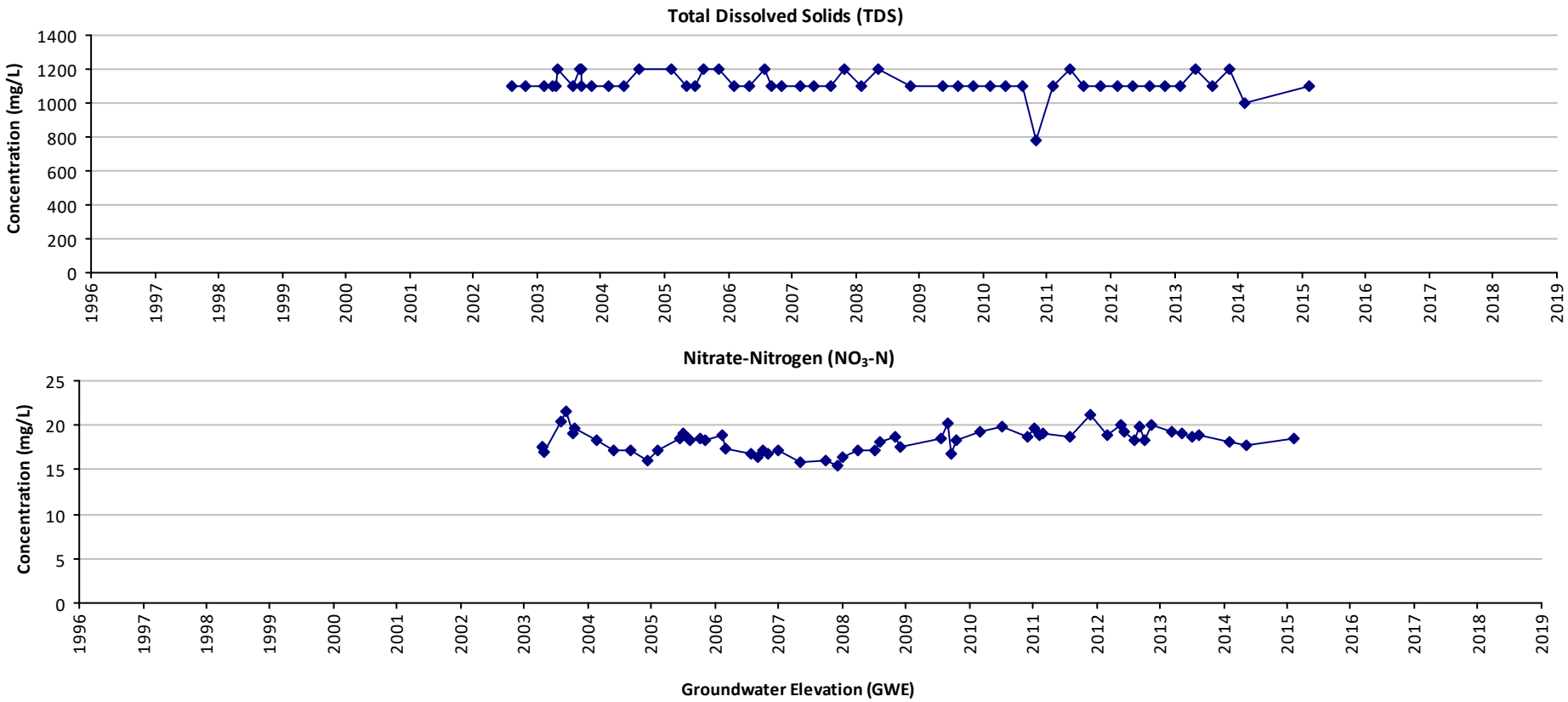

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

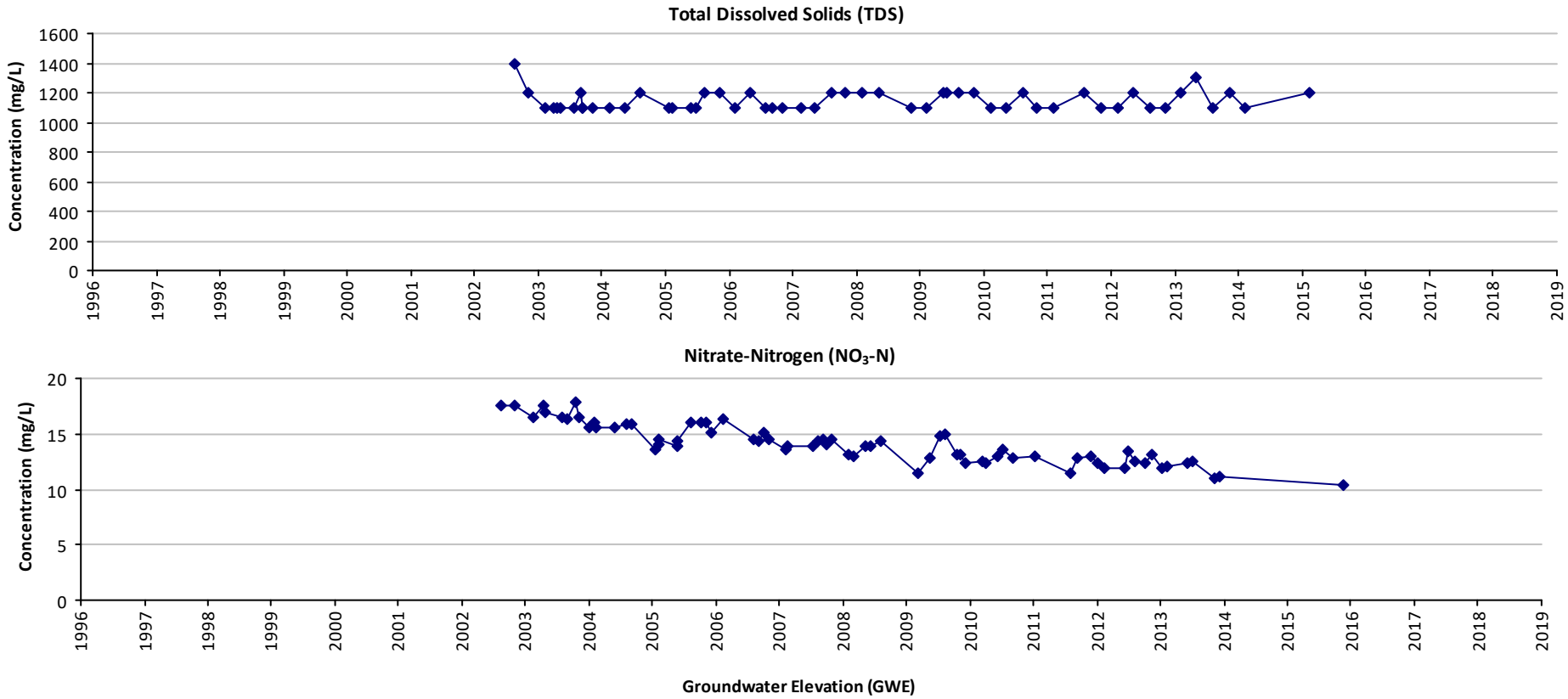

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

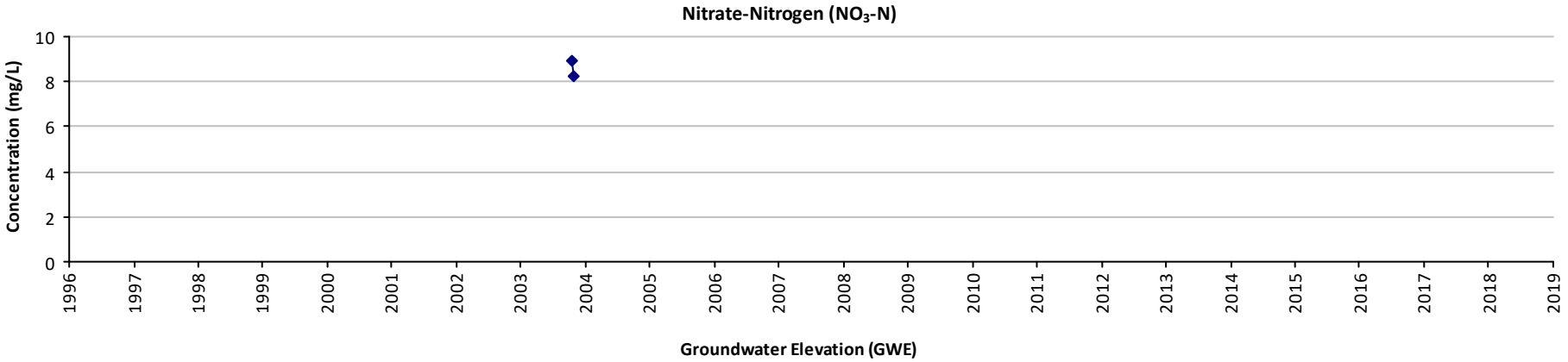

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

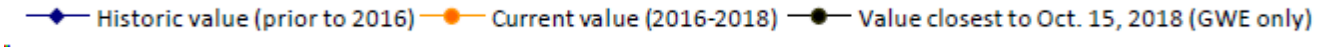

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

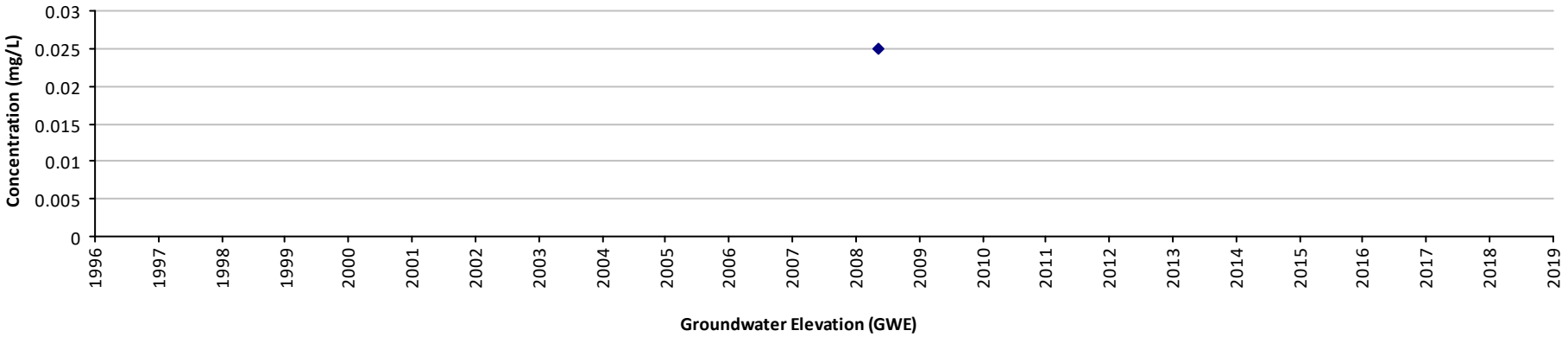
Total Dissolved Solids (TDS)





Total Dissolved Solids (TDS)

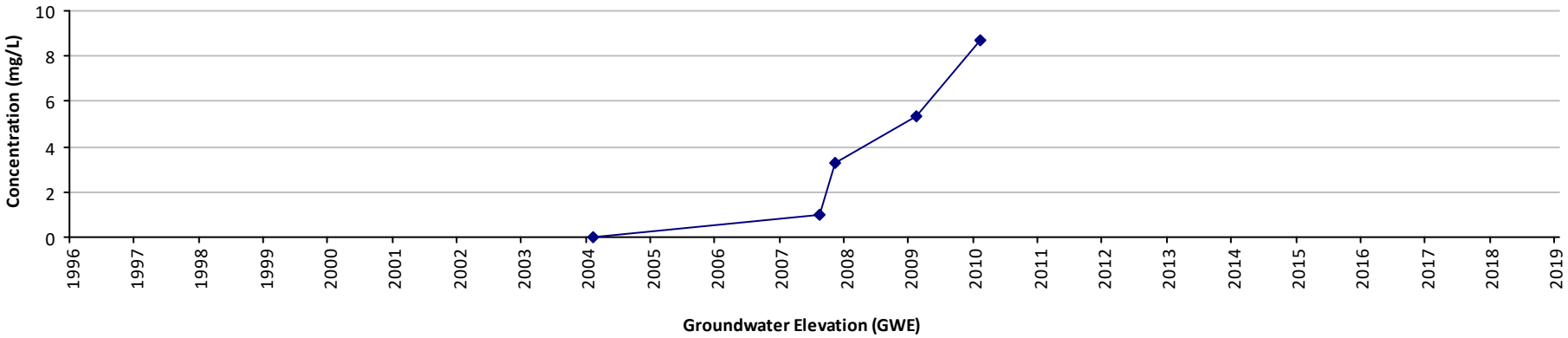
Nitrate-Nitrogen (NO_3-N)



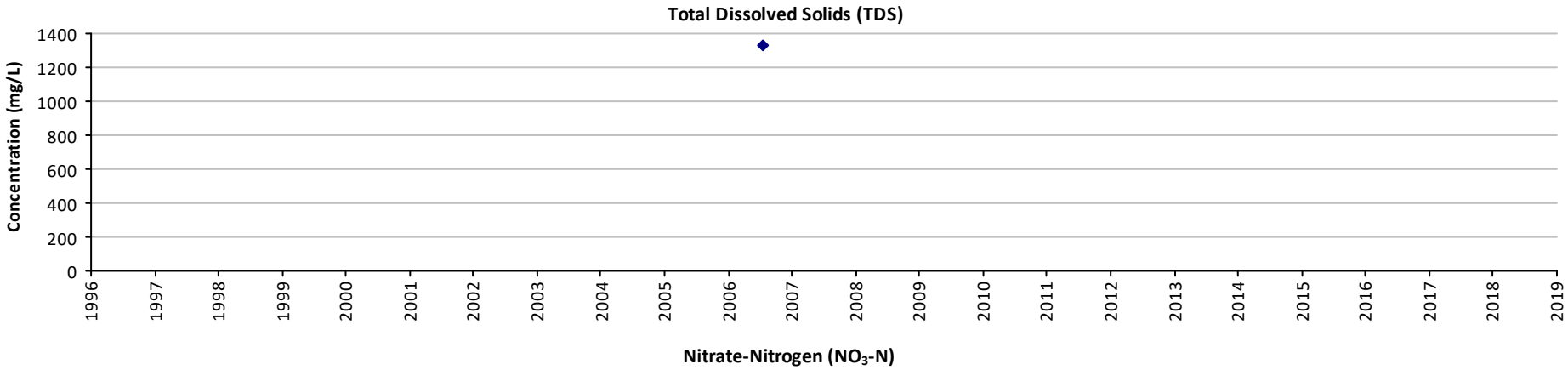
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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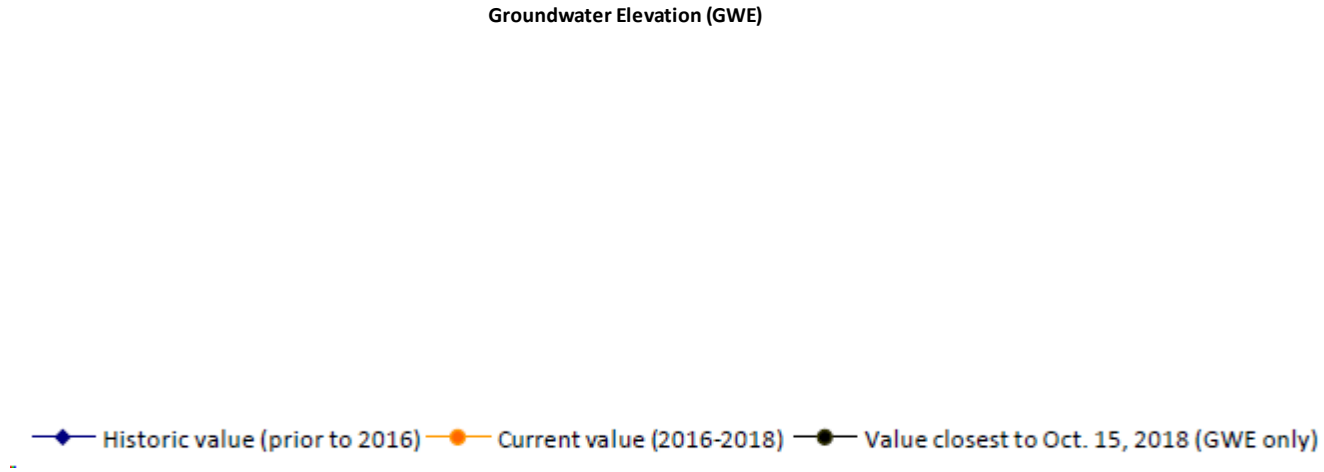
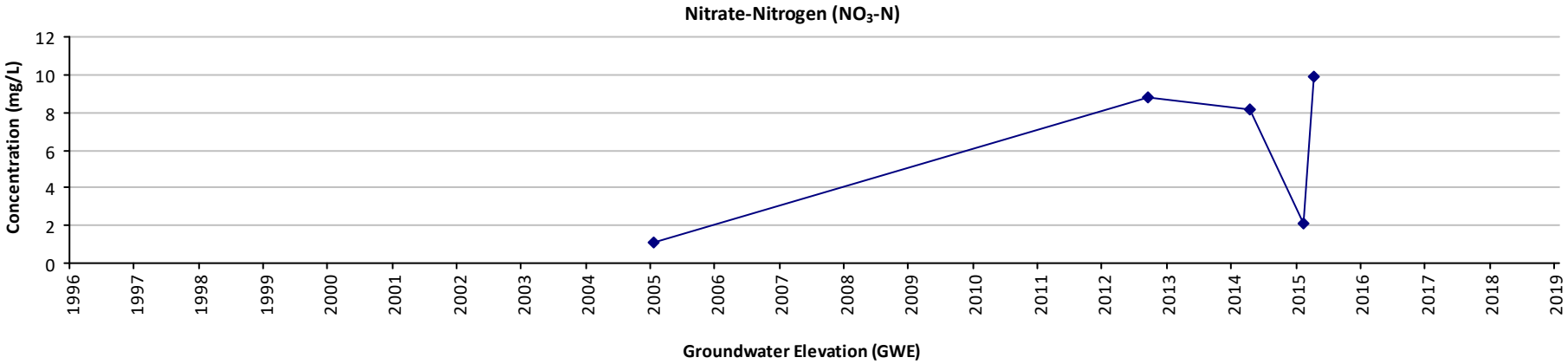
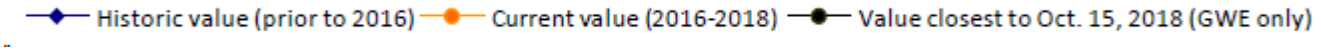
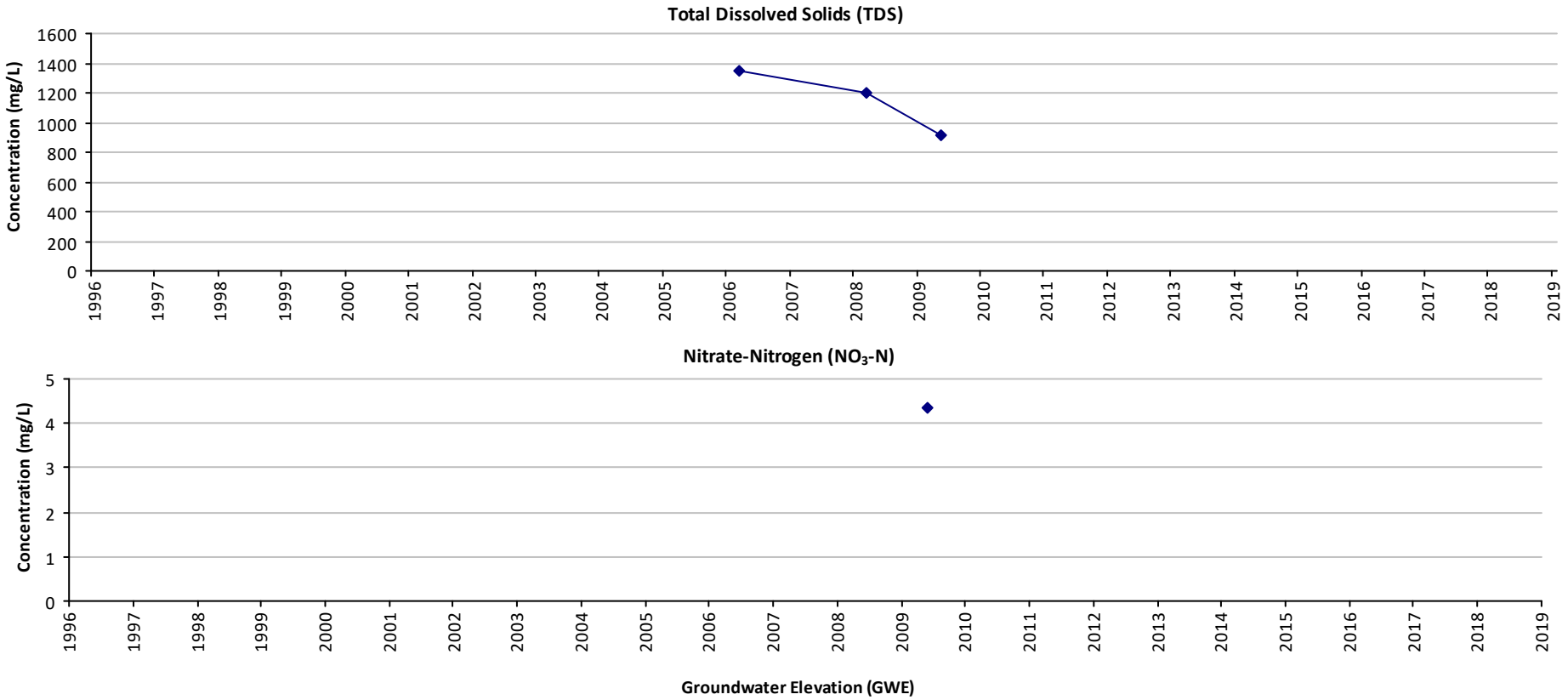
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

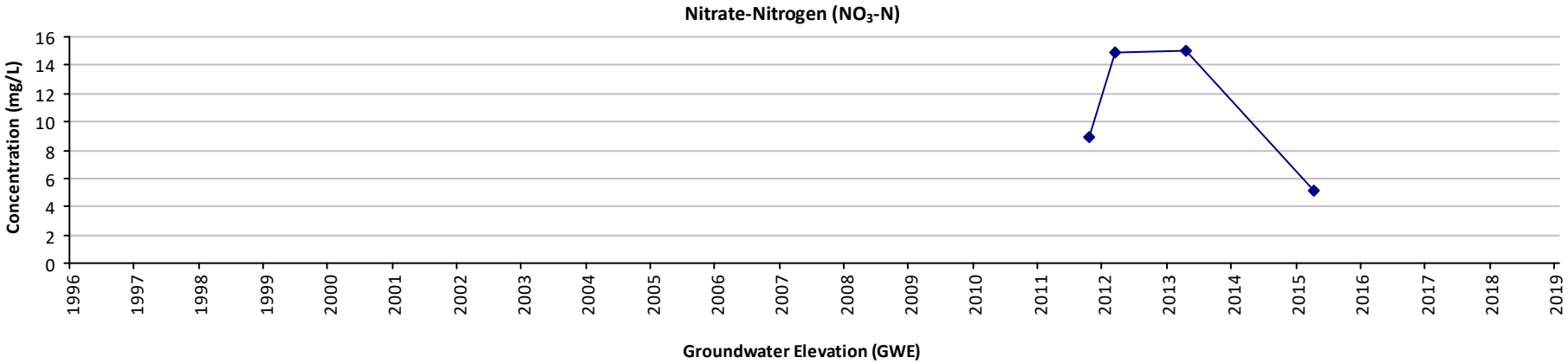
Total Dissolved Solids (TDS)



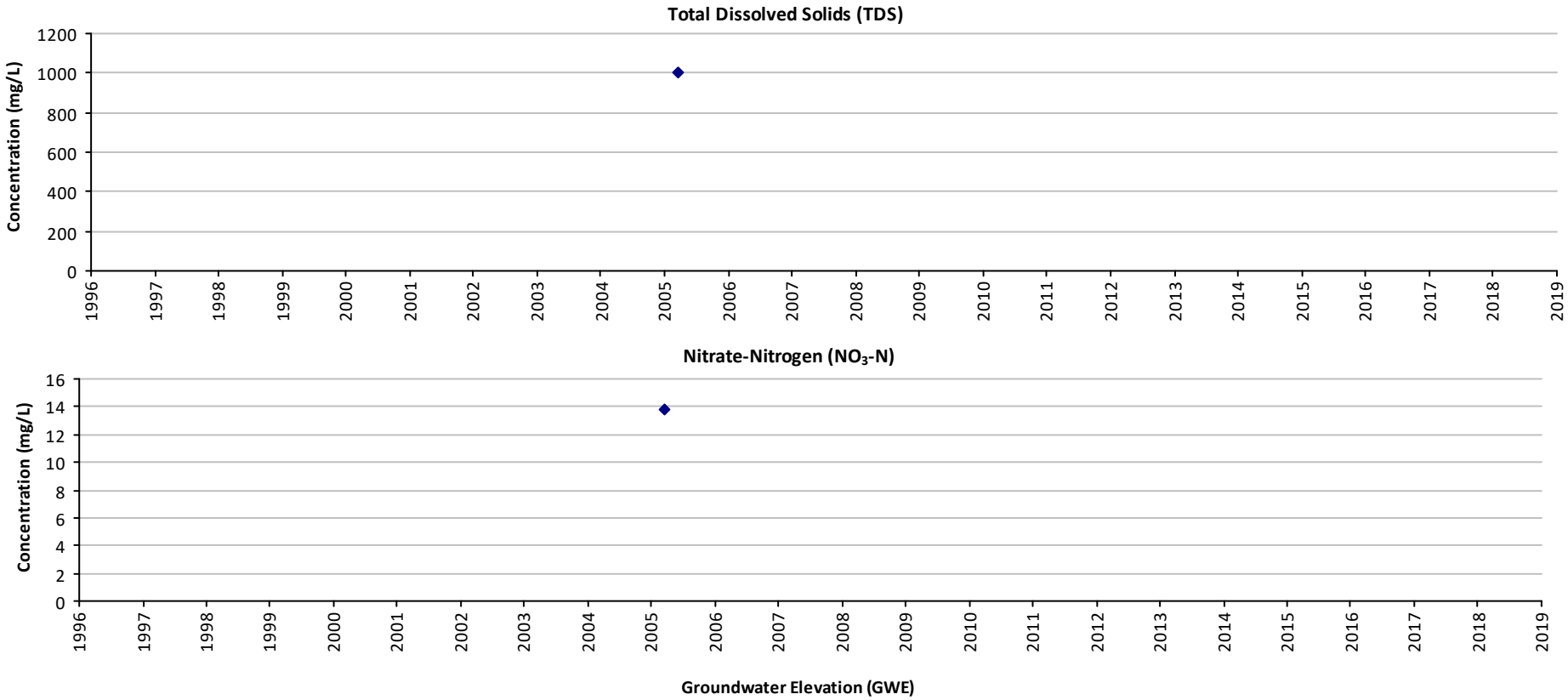


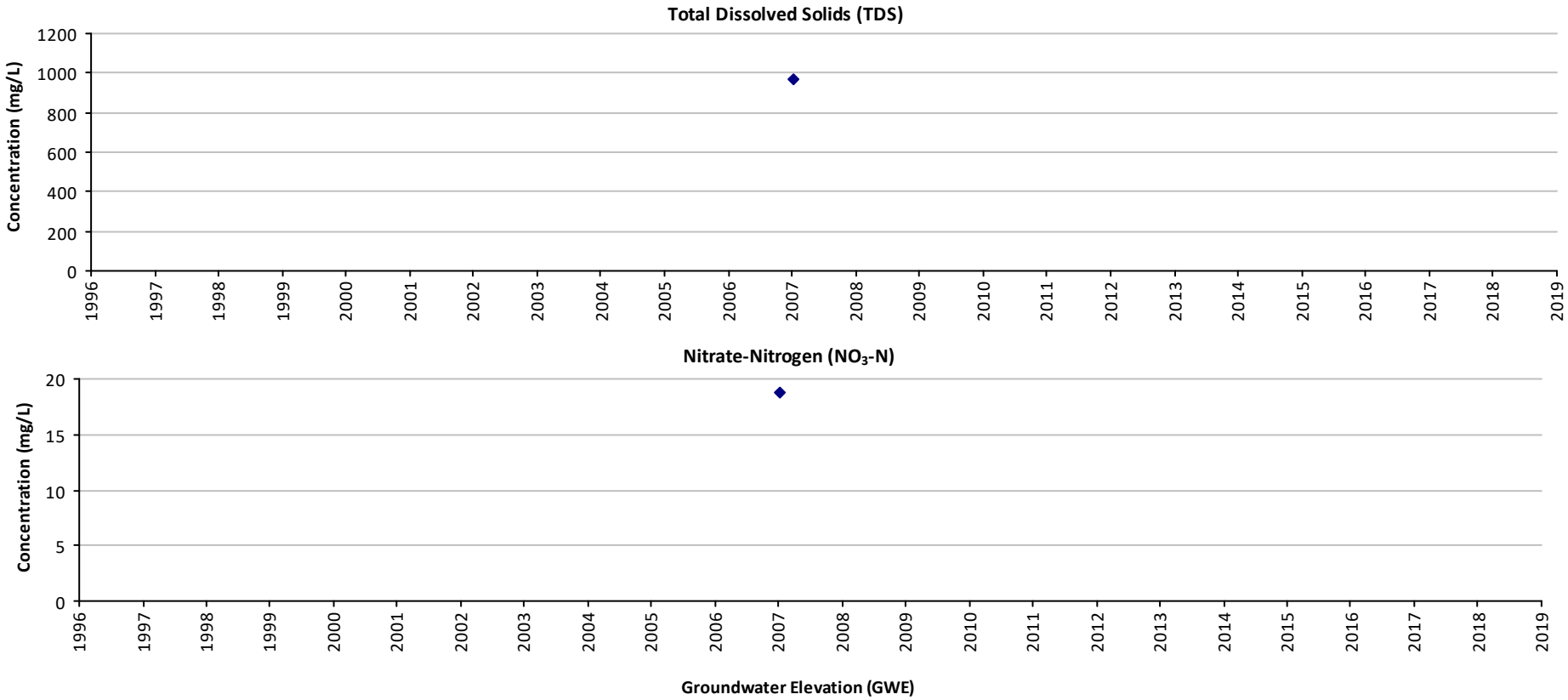

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

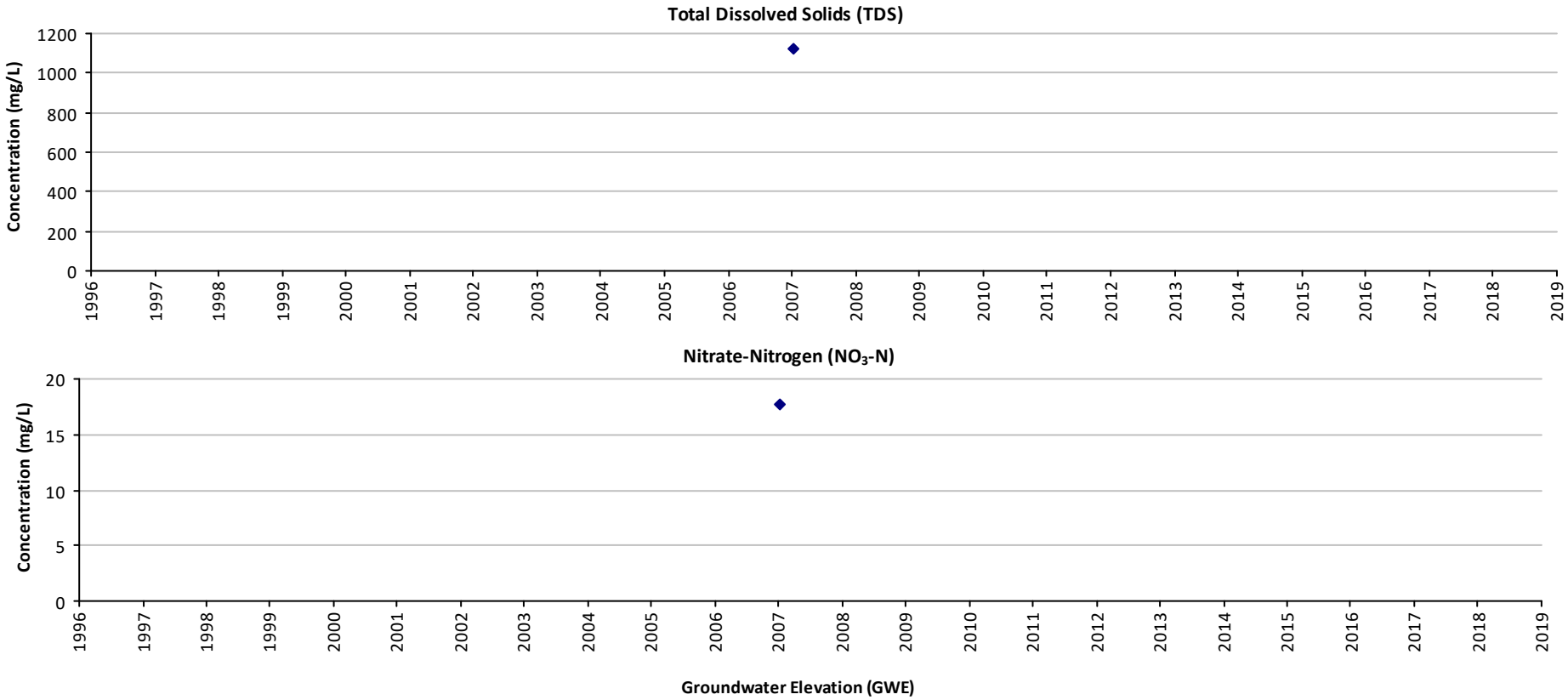
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

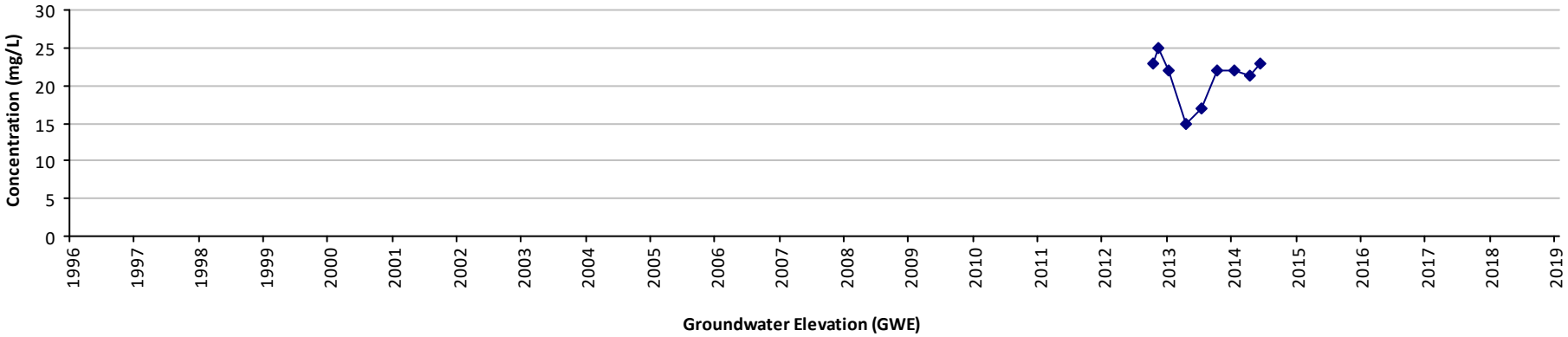

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

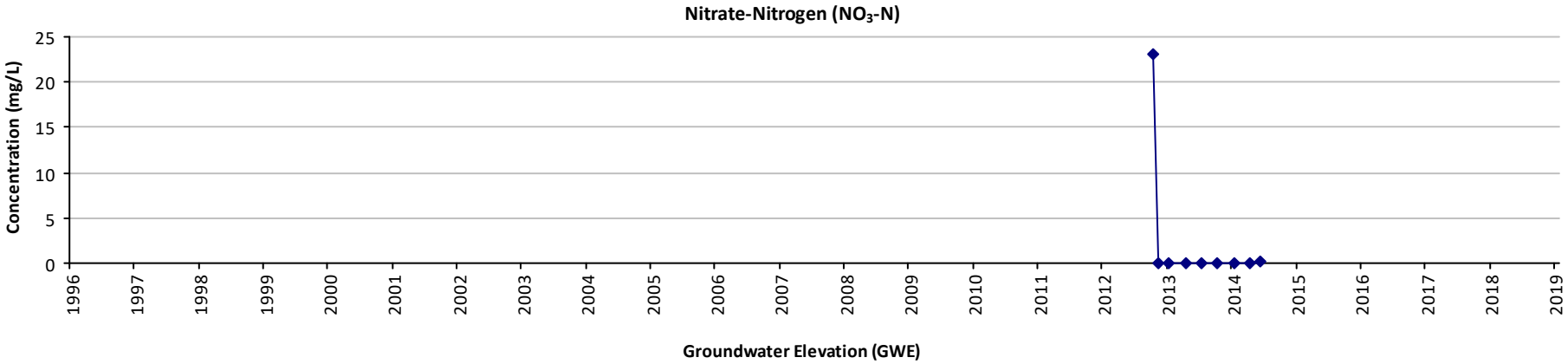
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

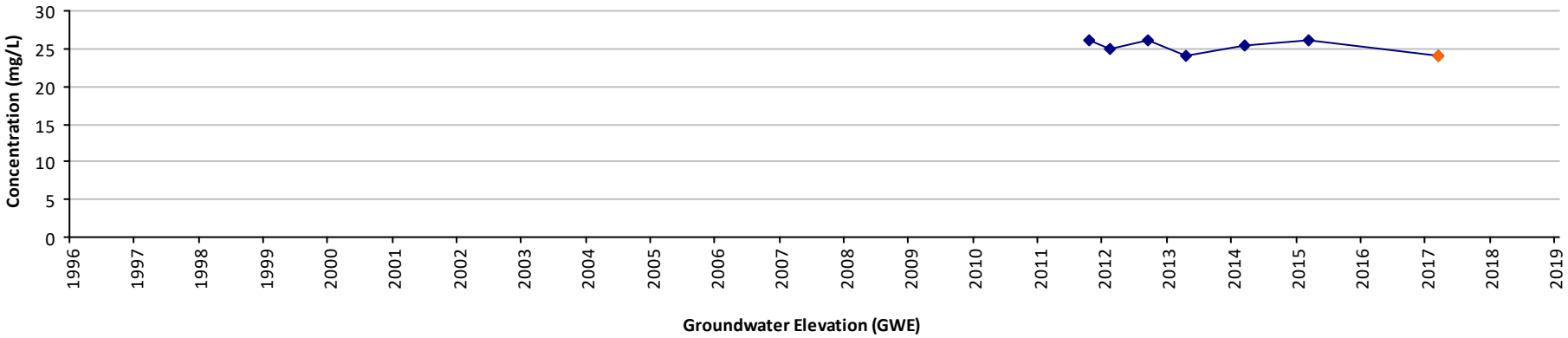
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

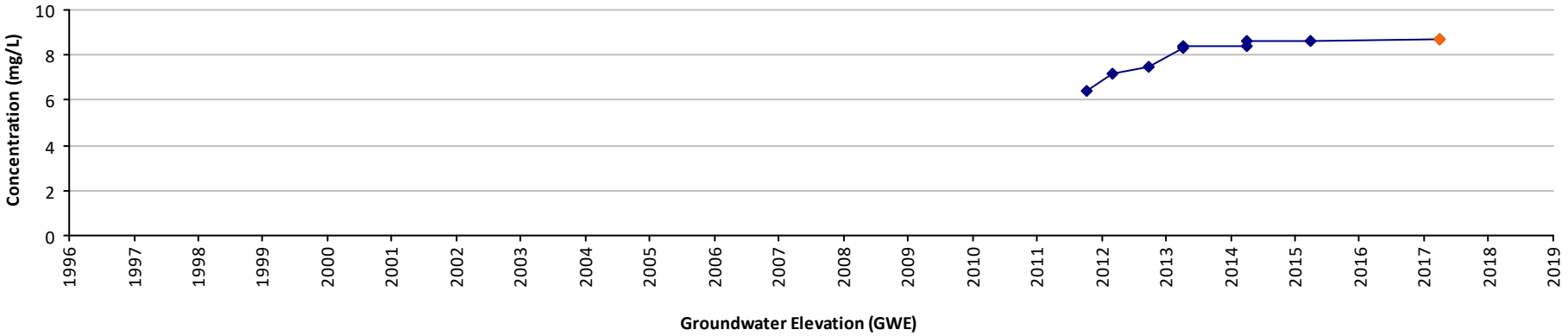
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

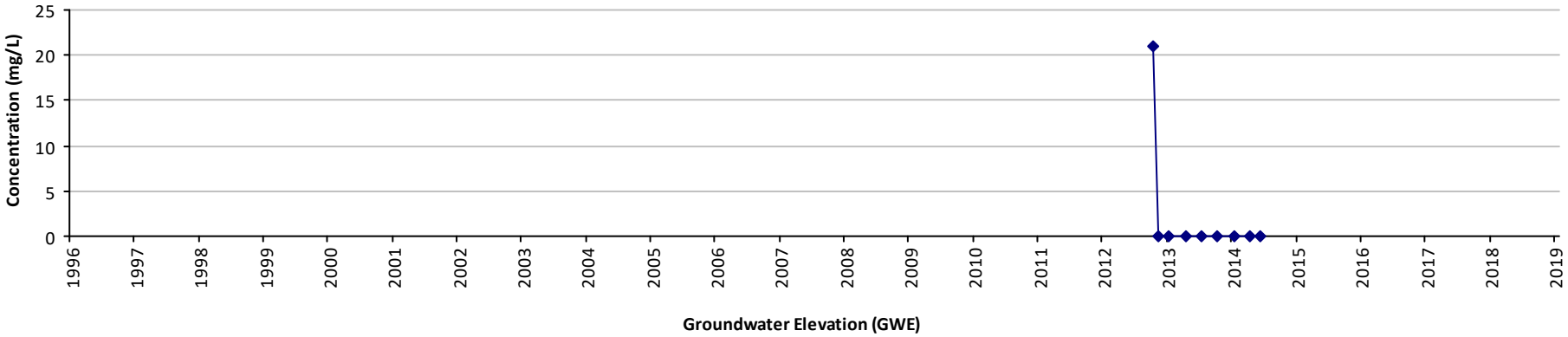
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

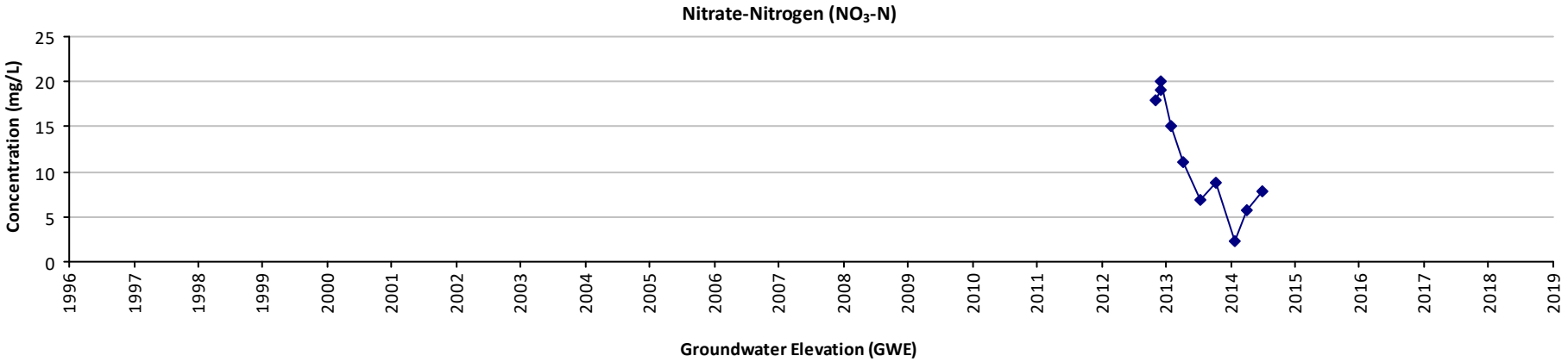
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



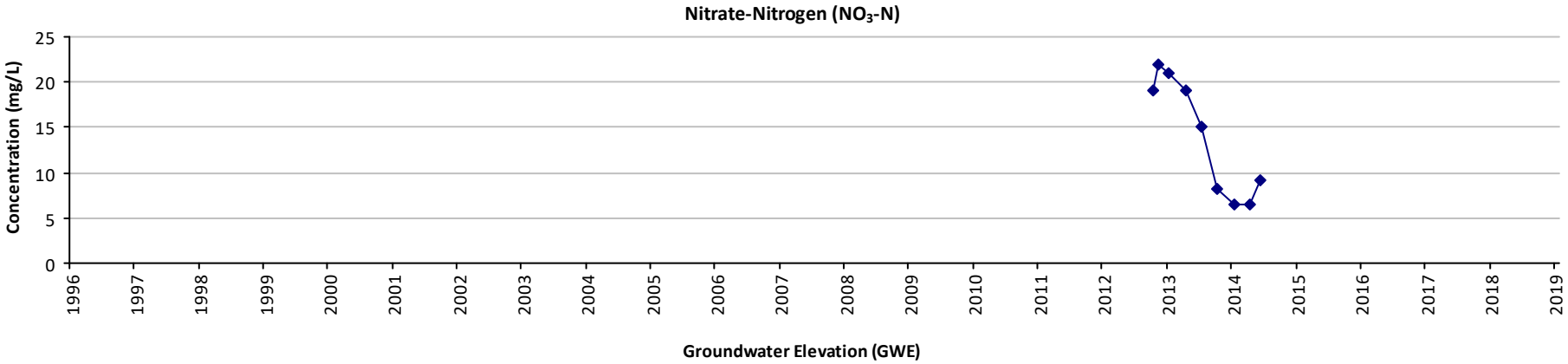
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

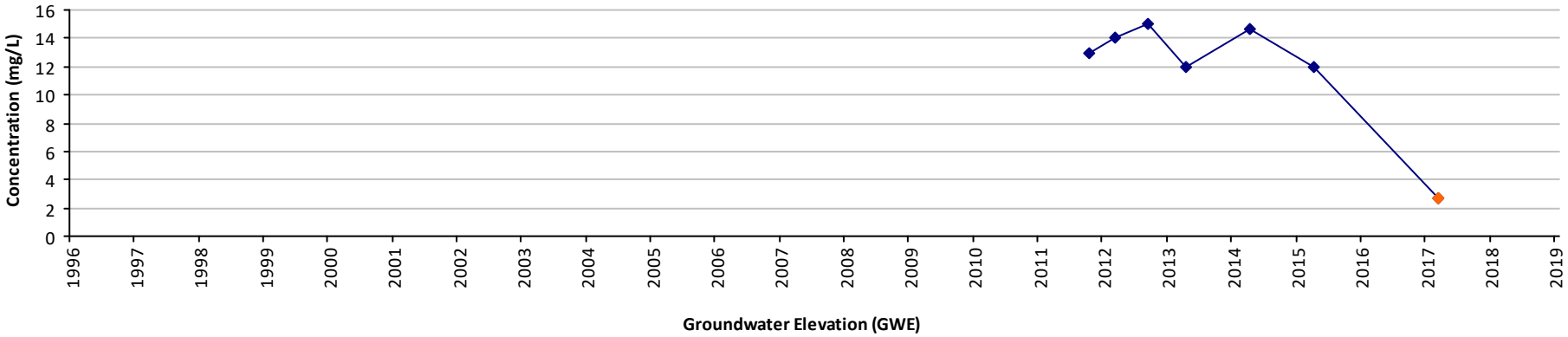
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

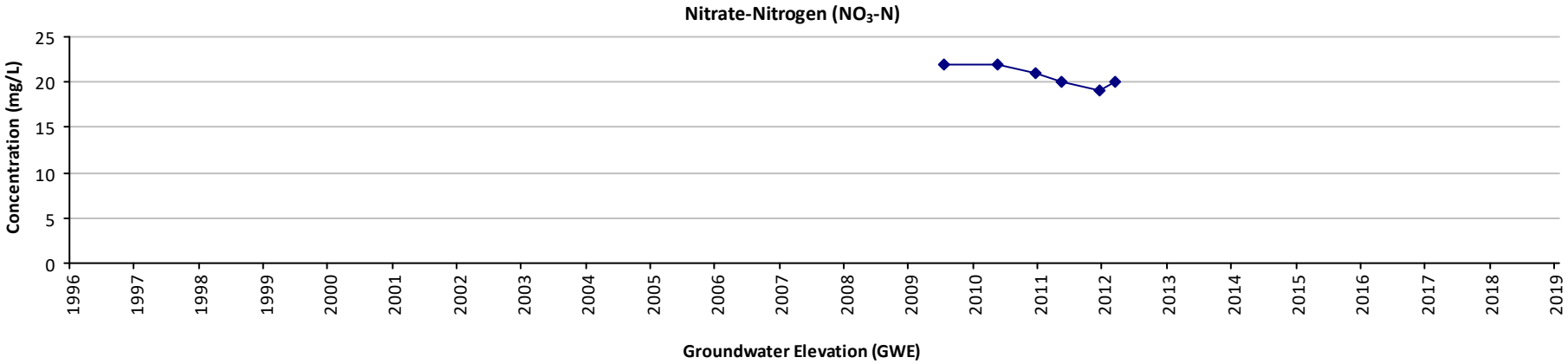
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

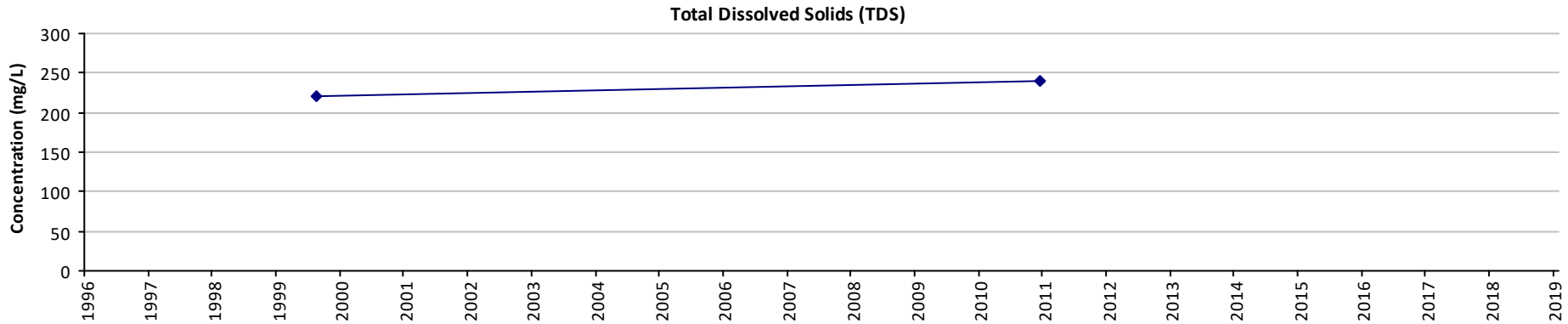
Total Dissolved Solids (TDS)

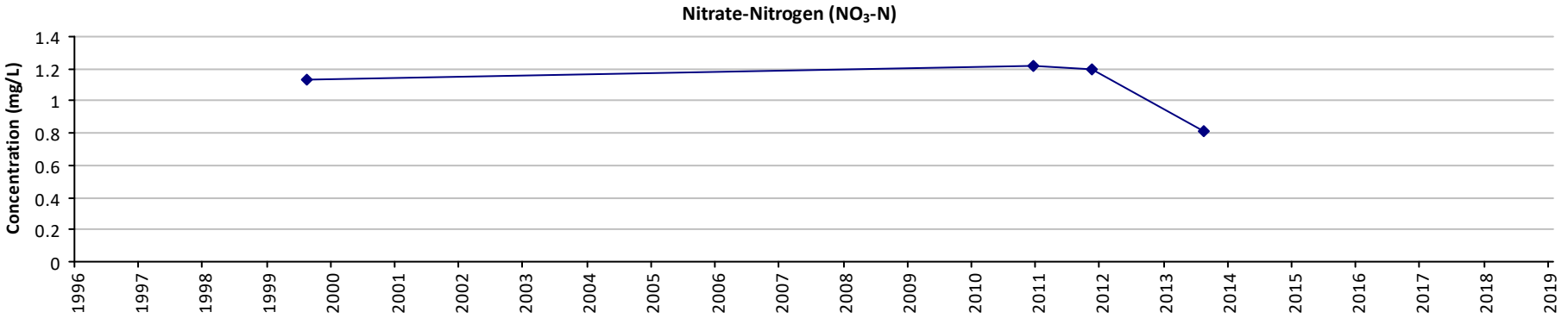


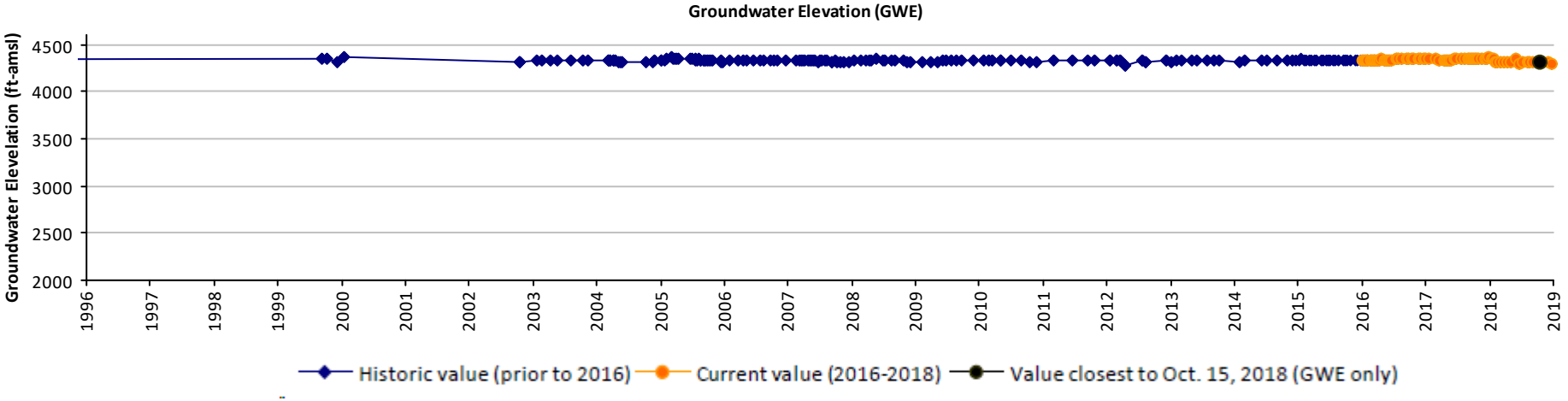
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

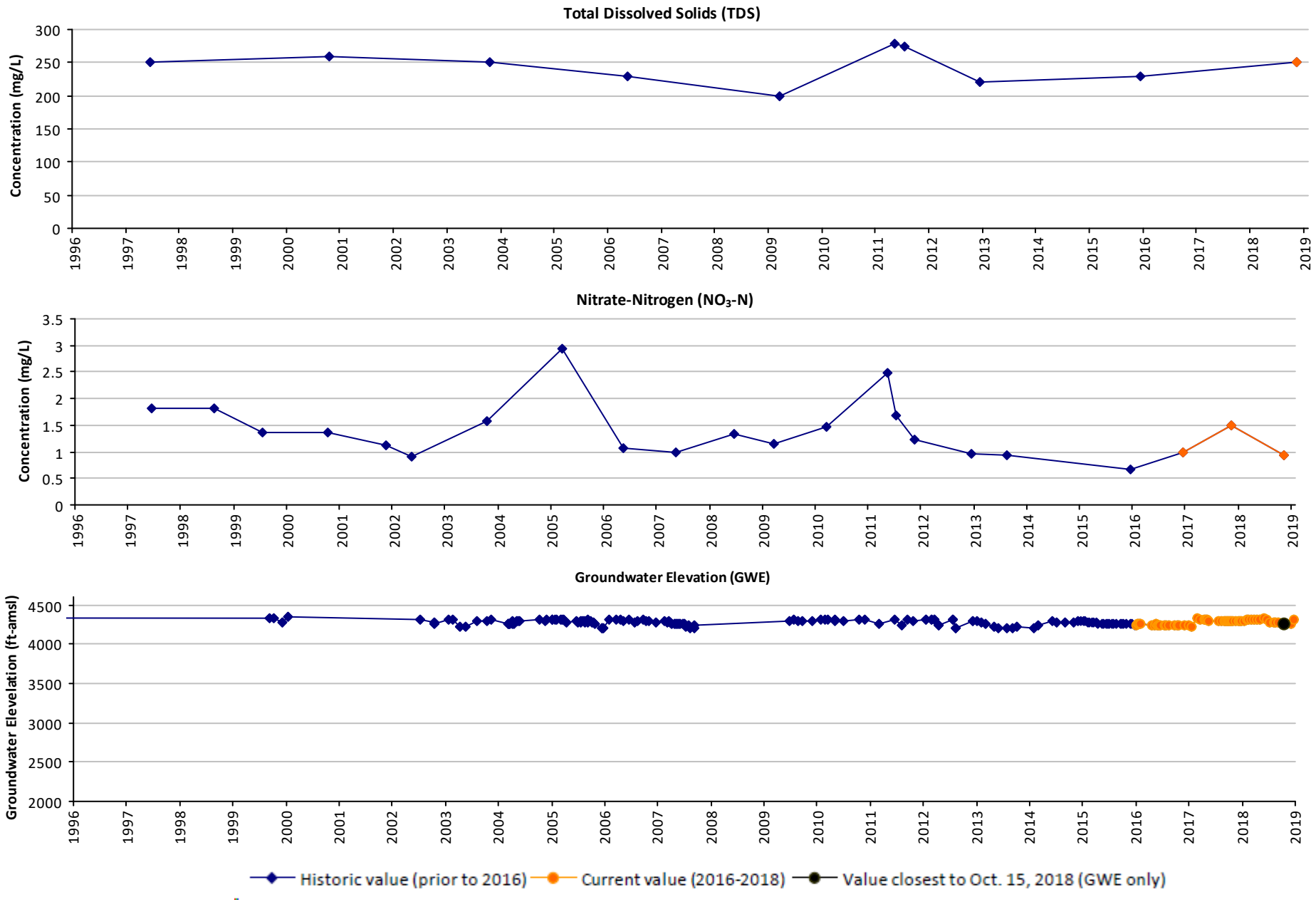
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

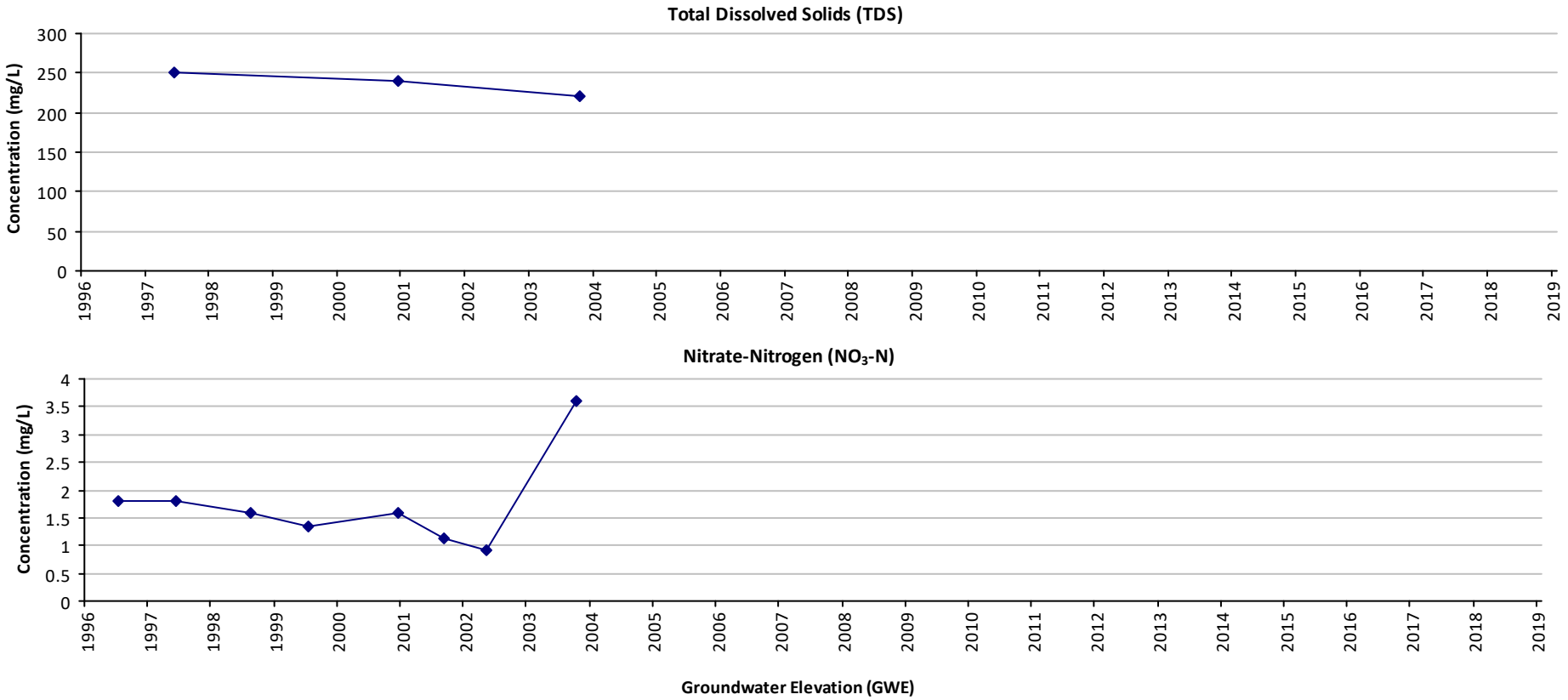
Well ID: 1002890
Management Zone: Beaumont



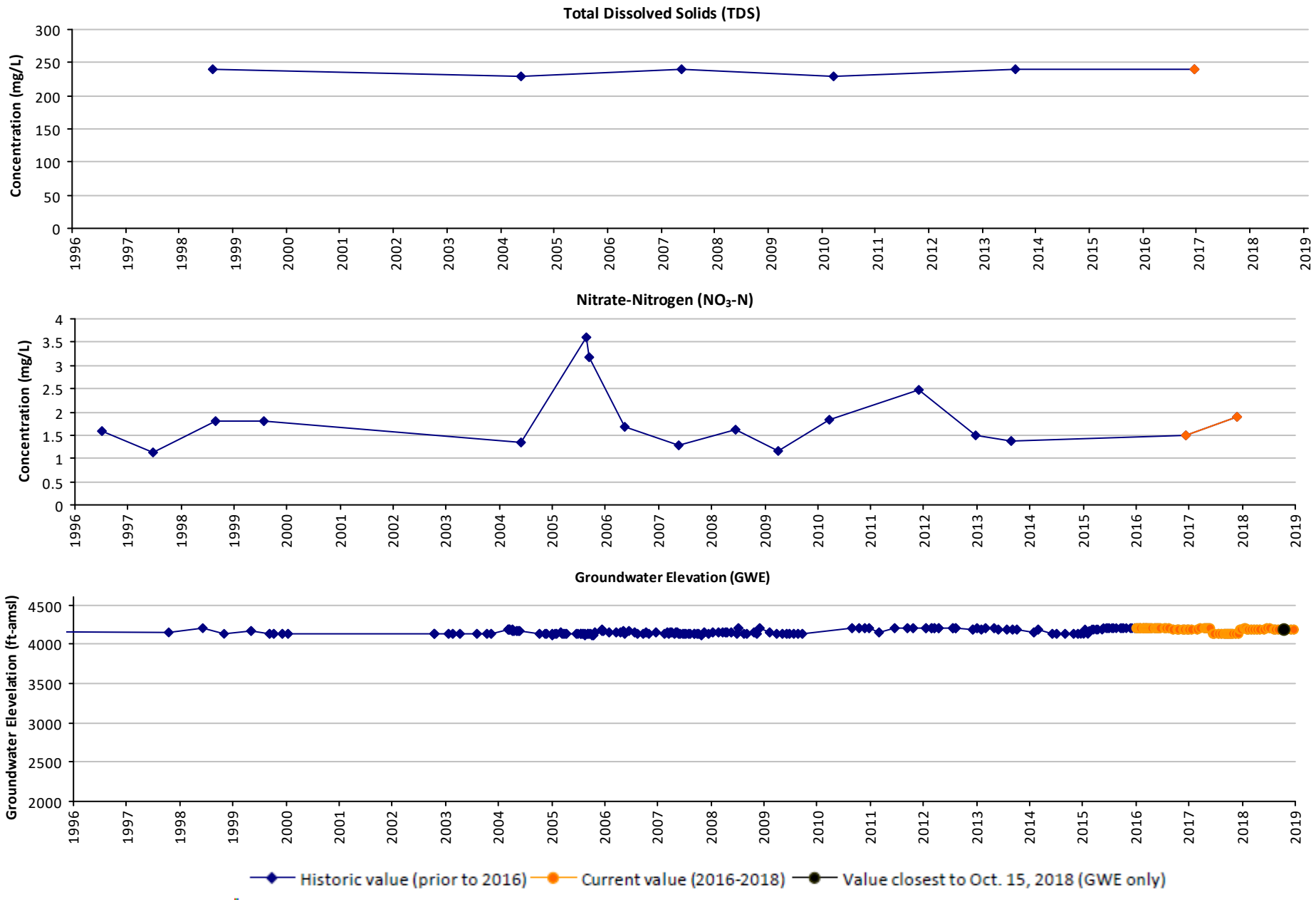


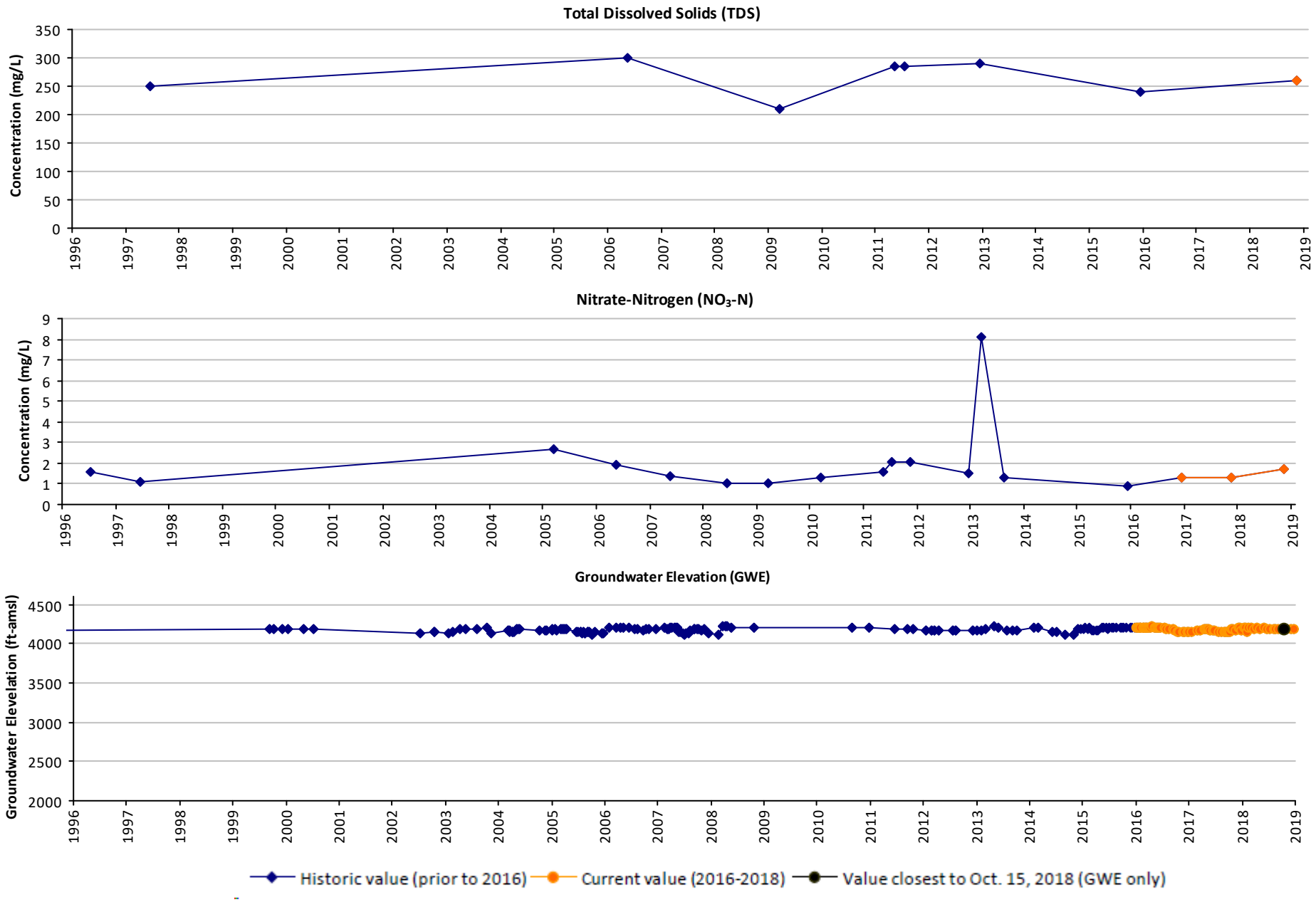


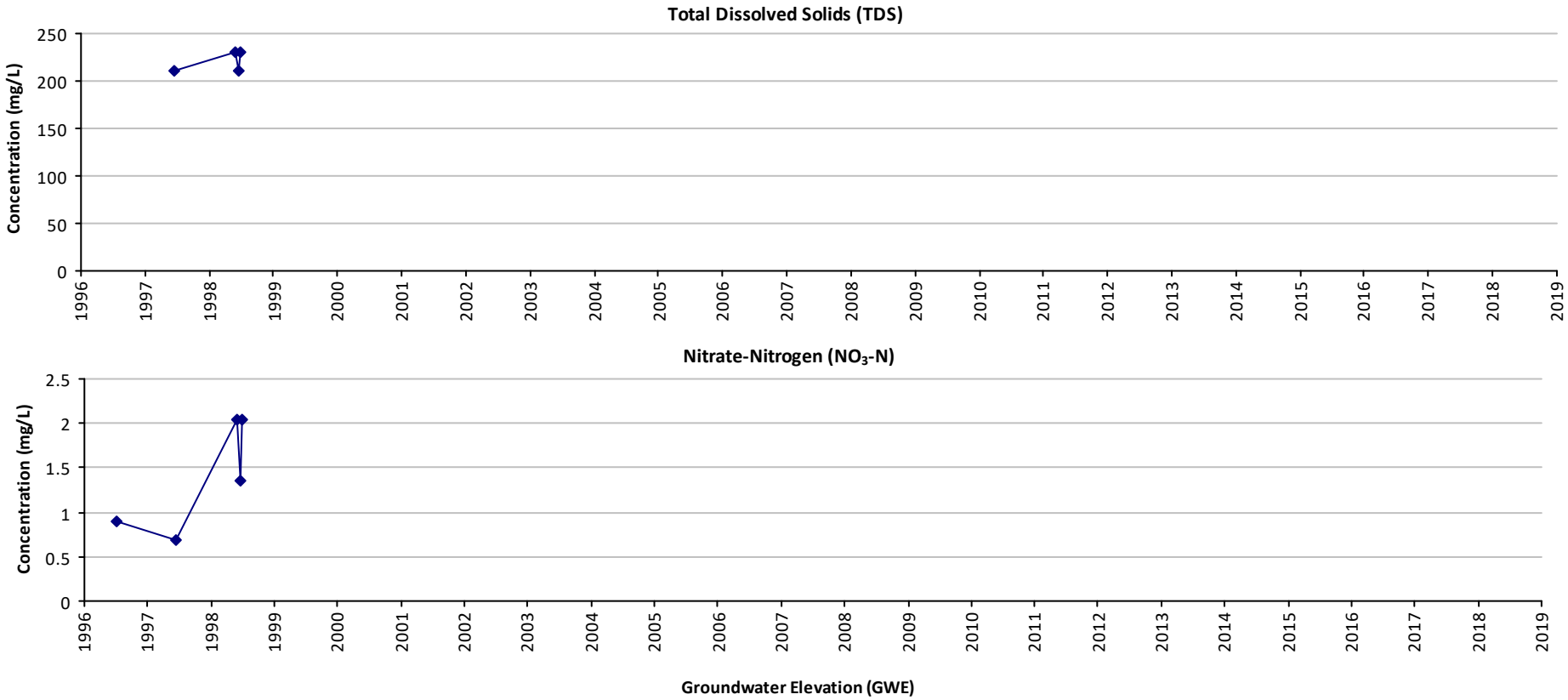

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



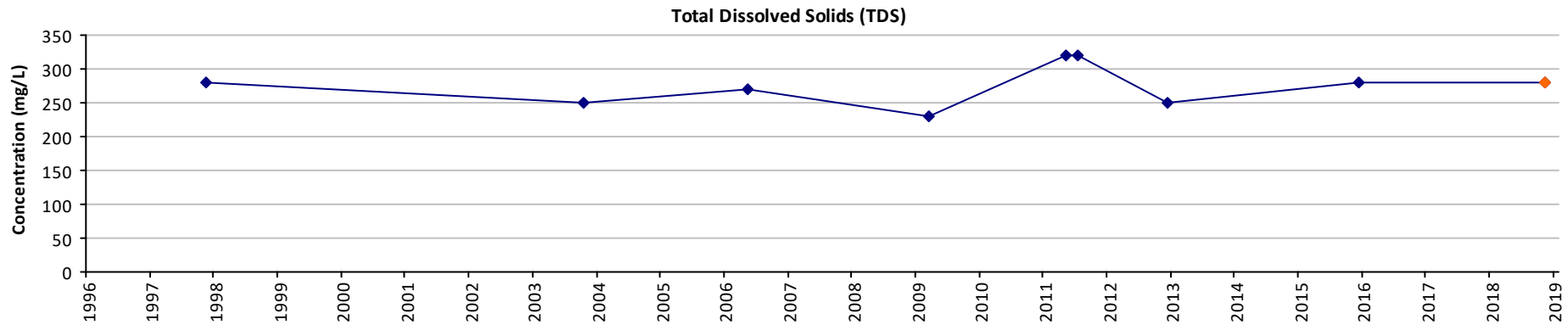
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

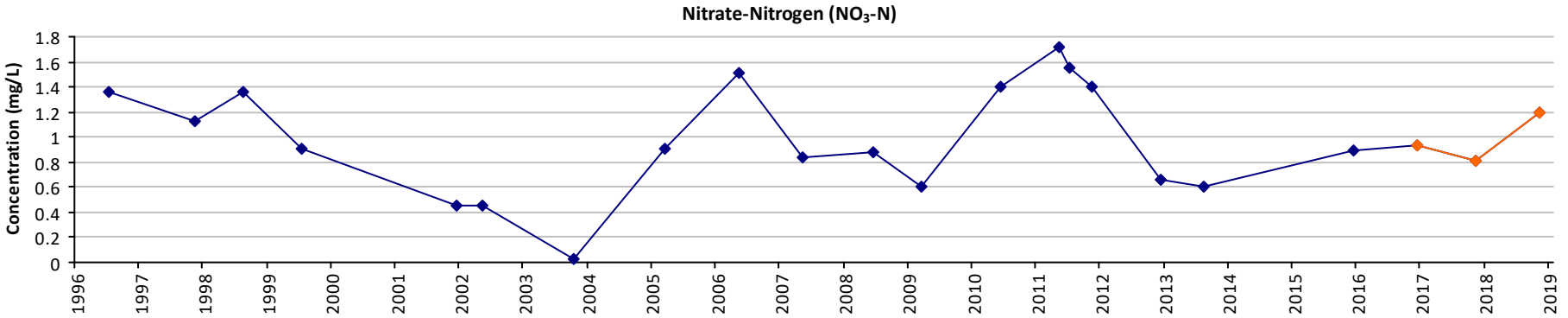

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

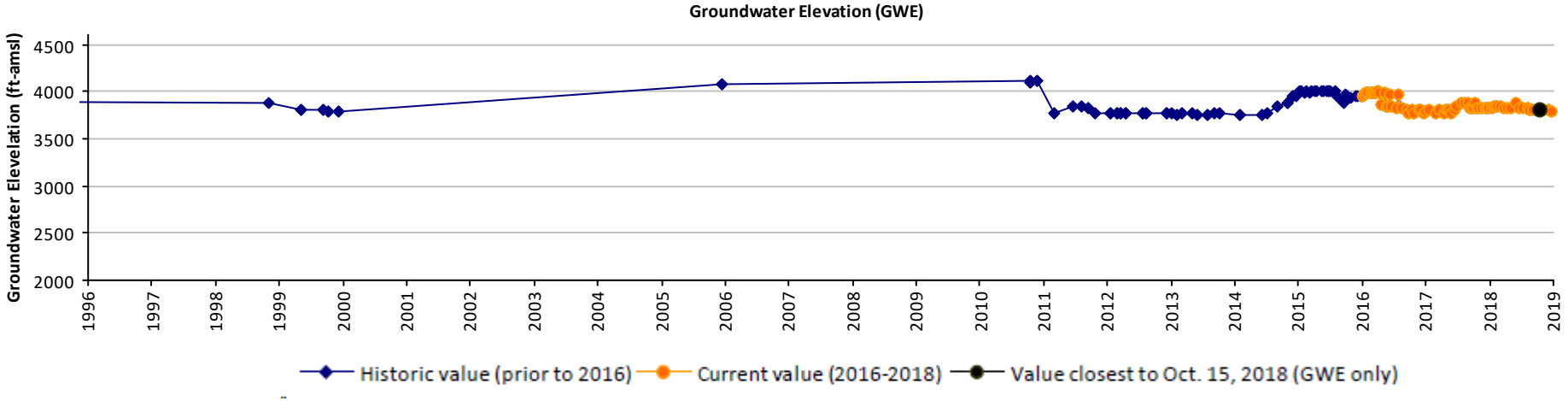

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



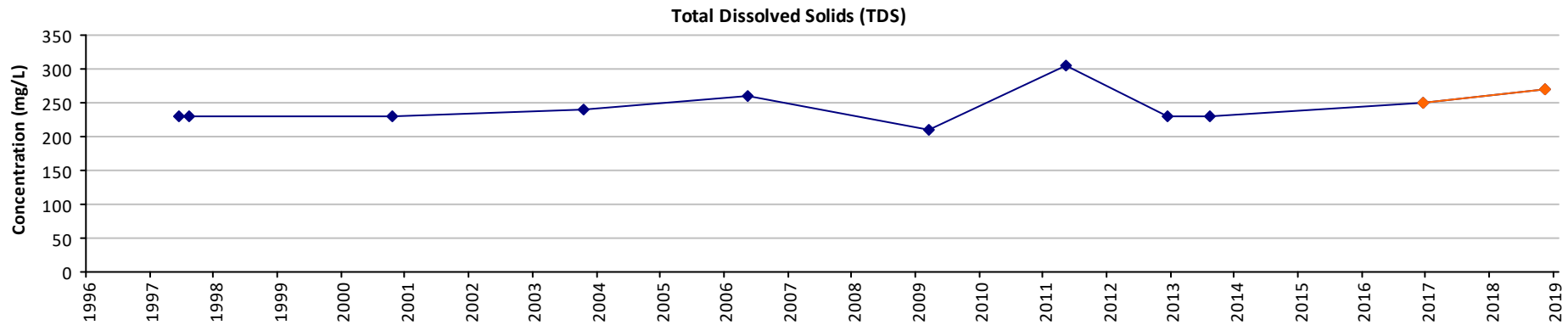
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

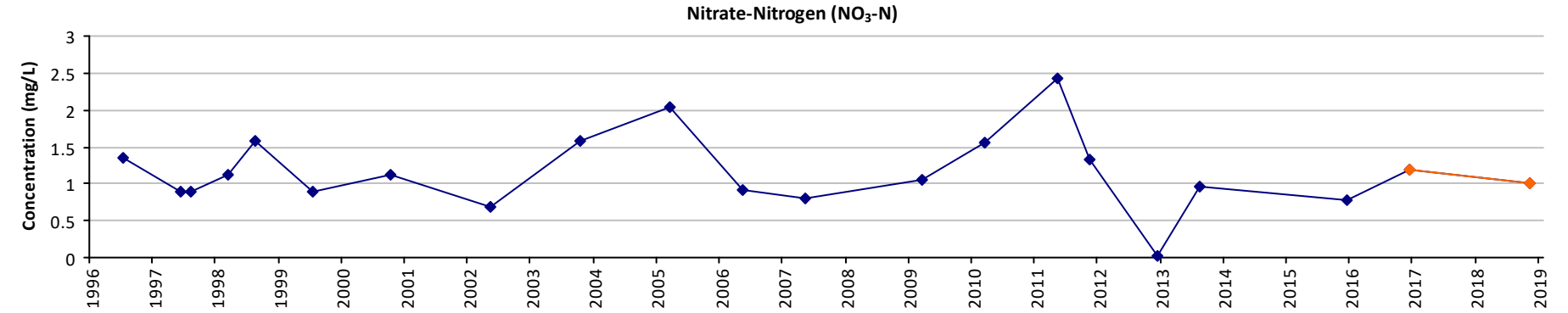

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

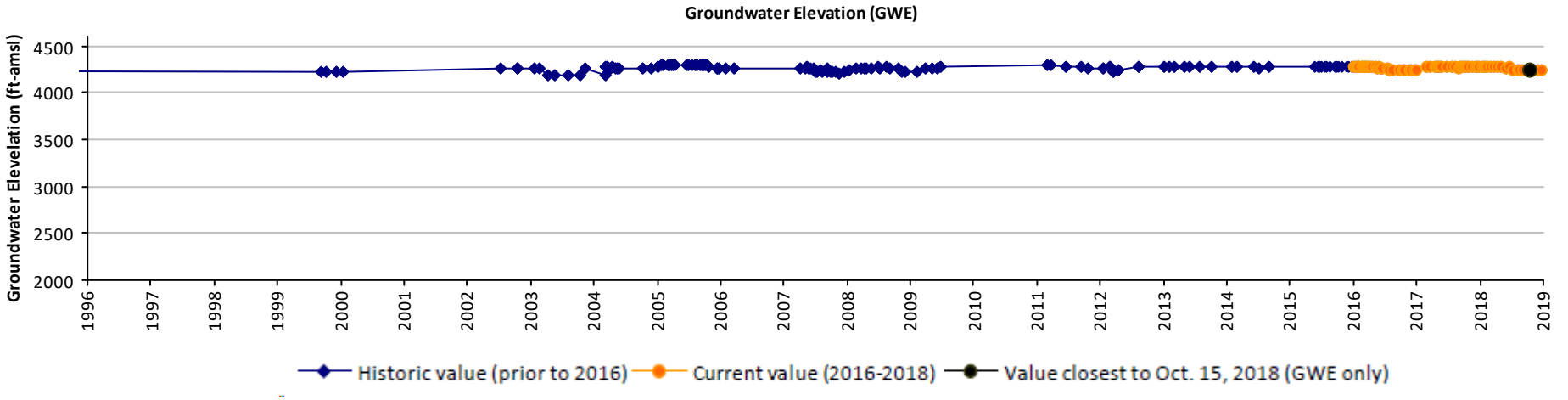

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

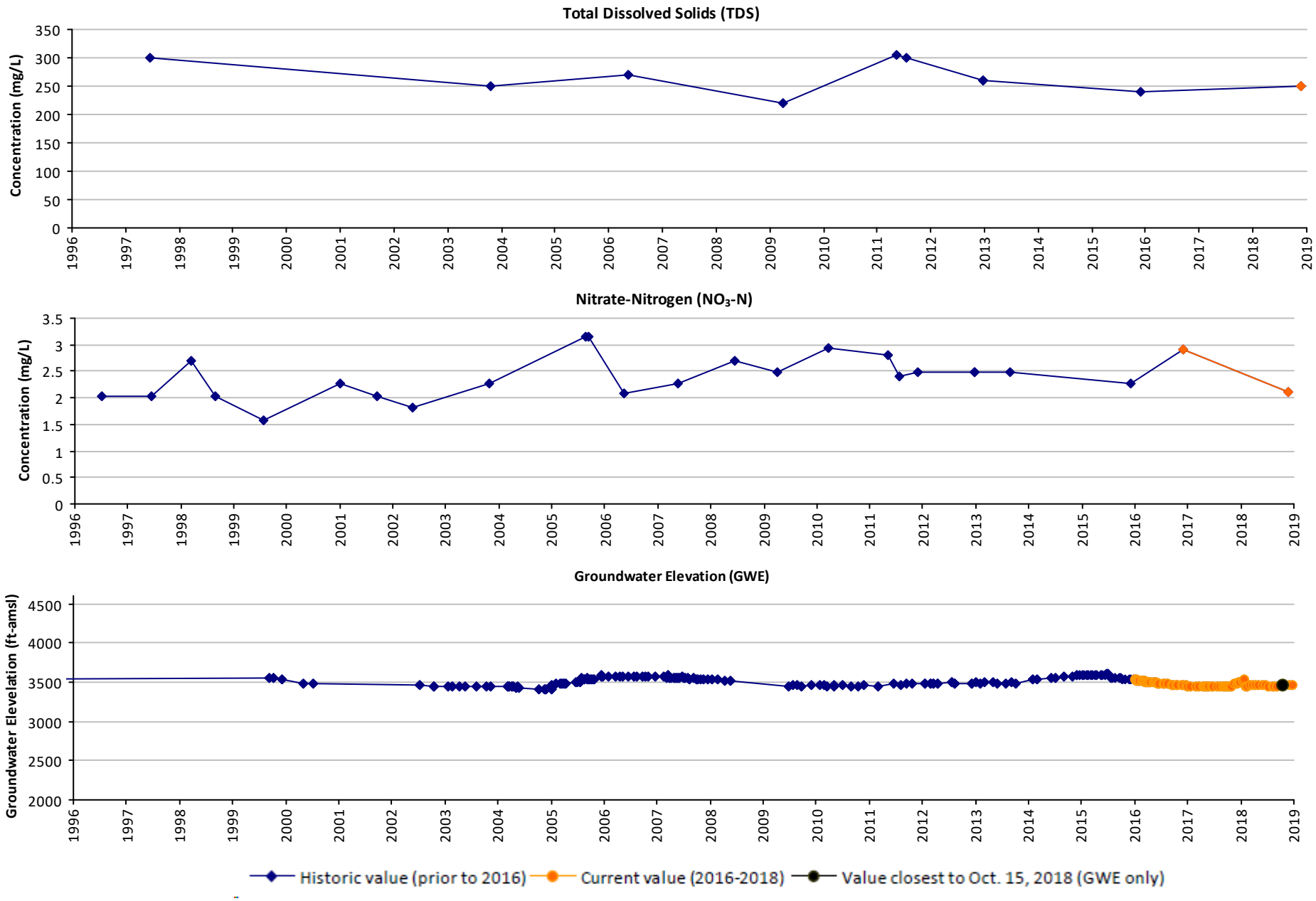

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

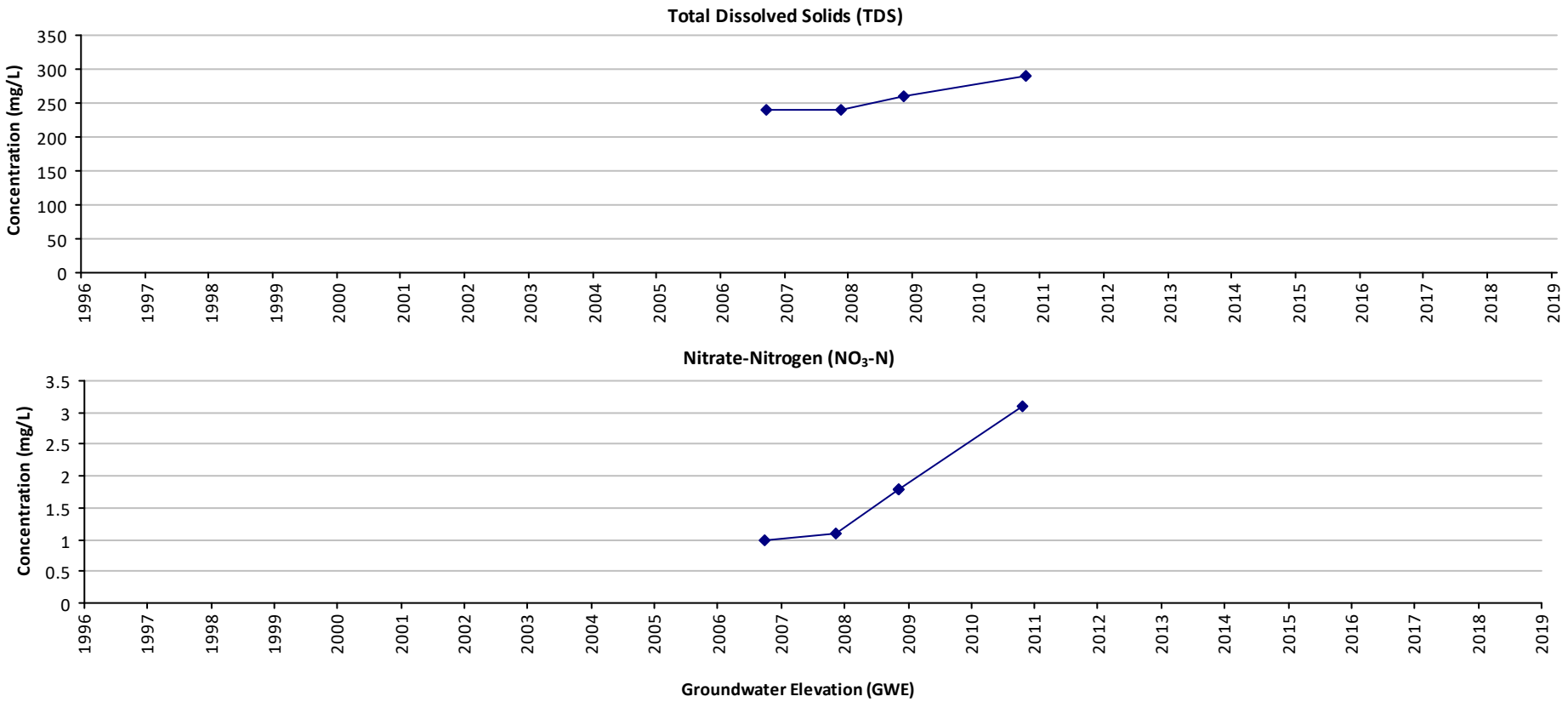
Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

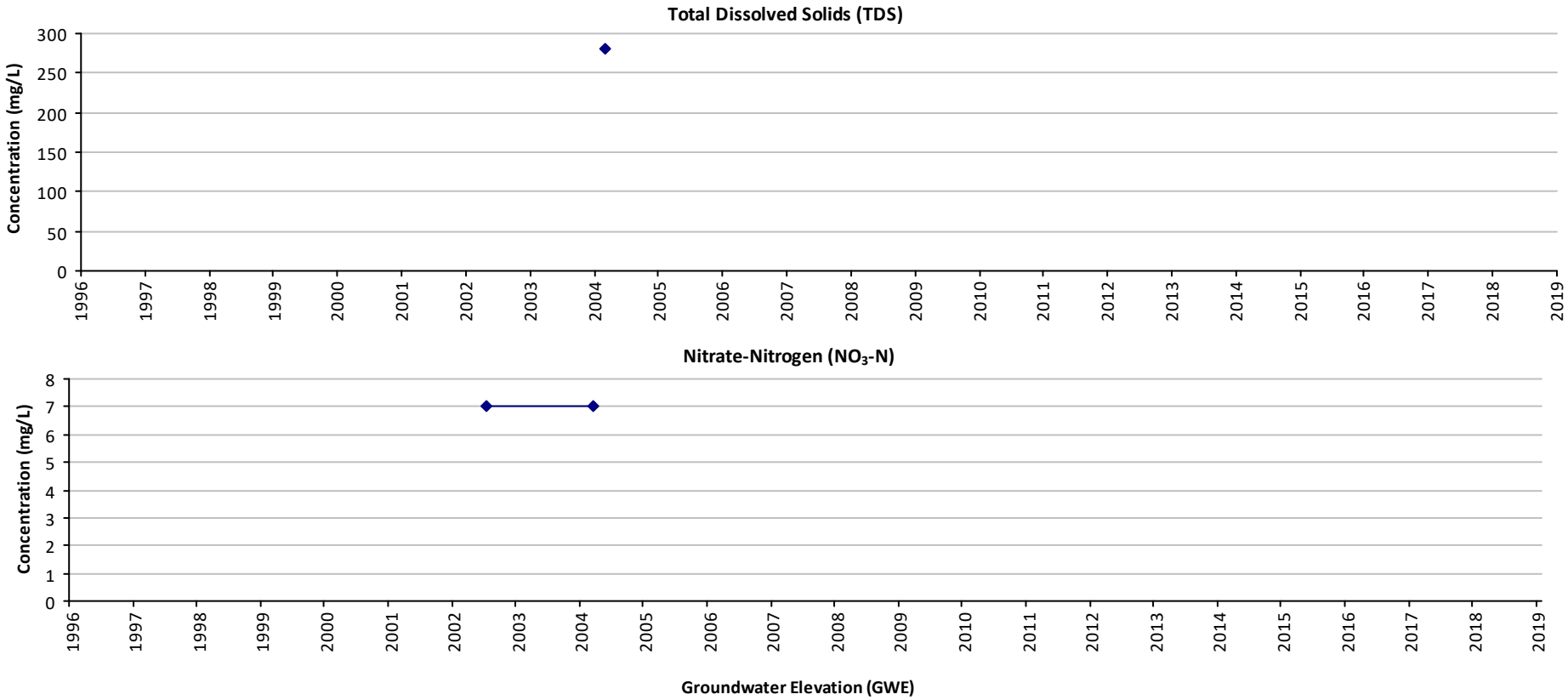

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

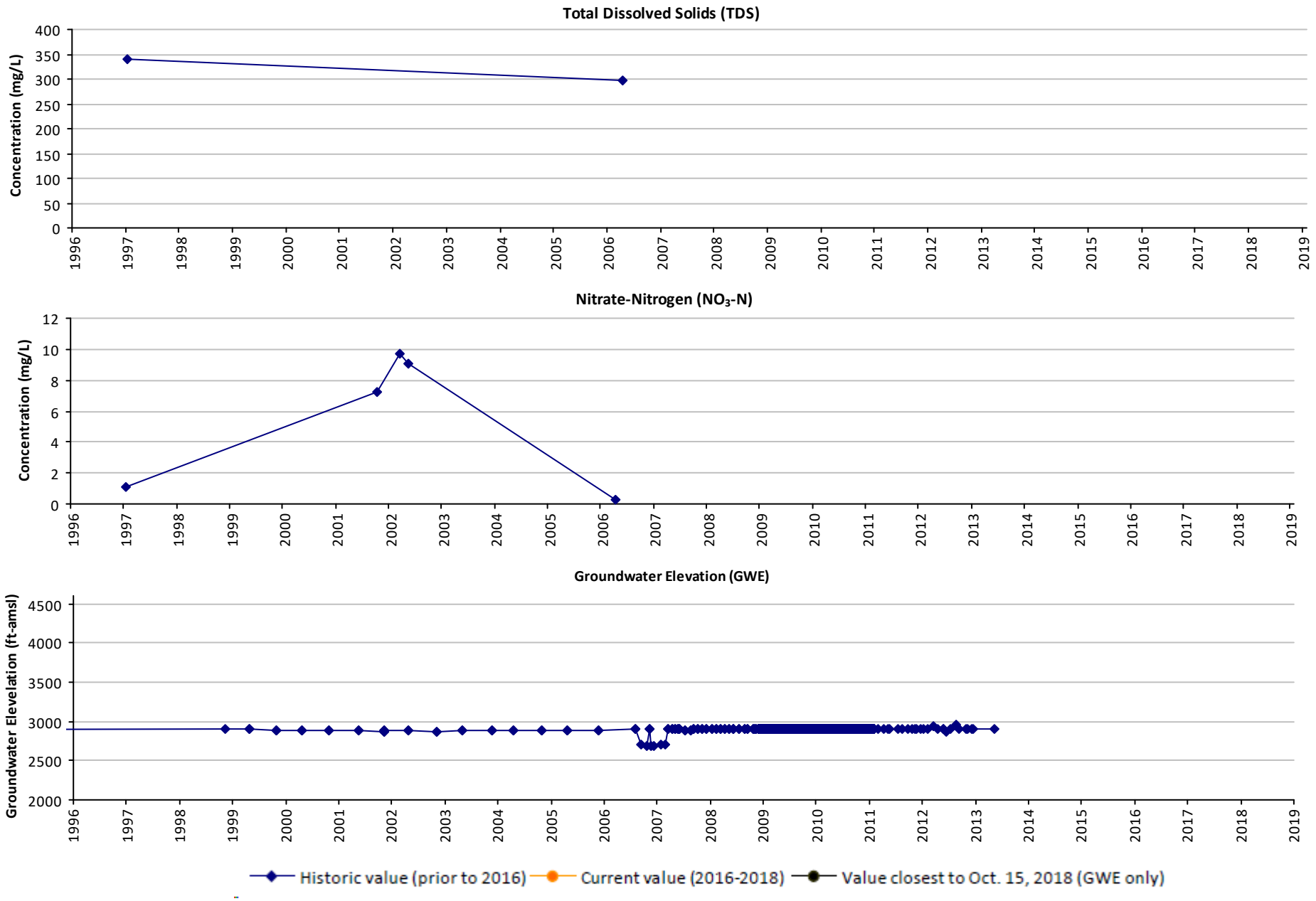

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

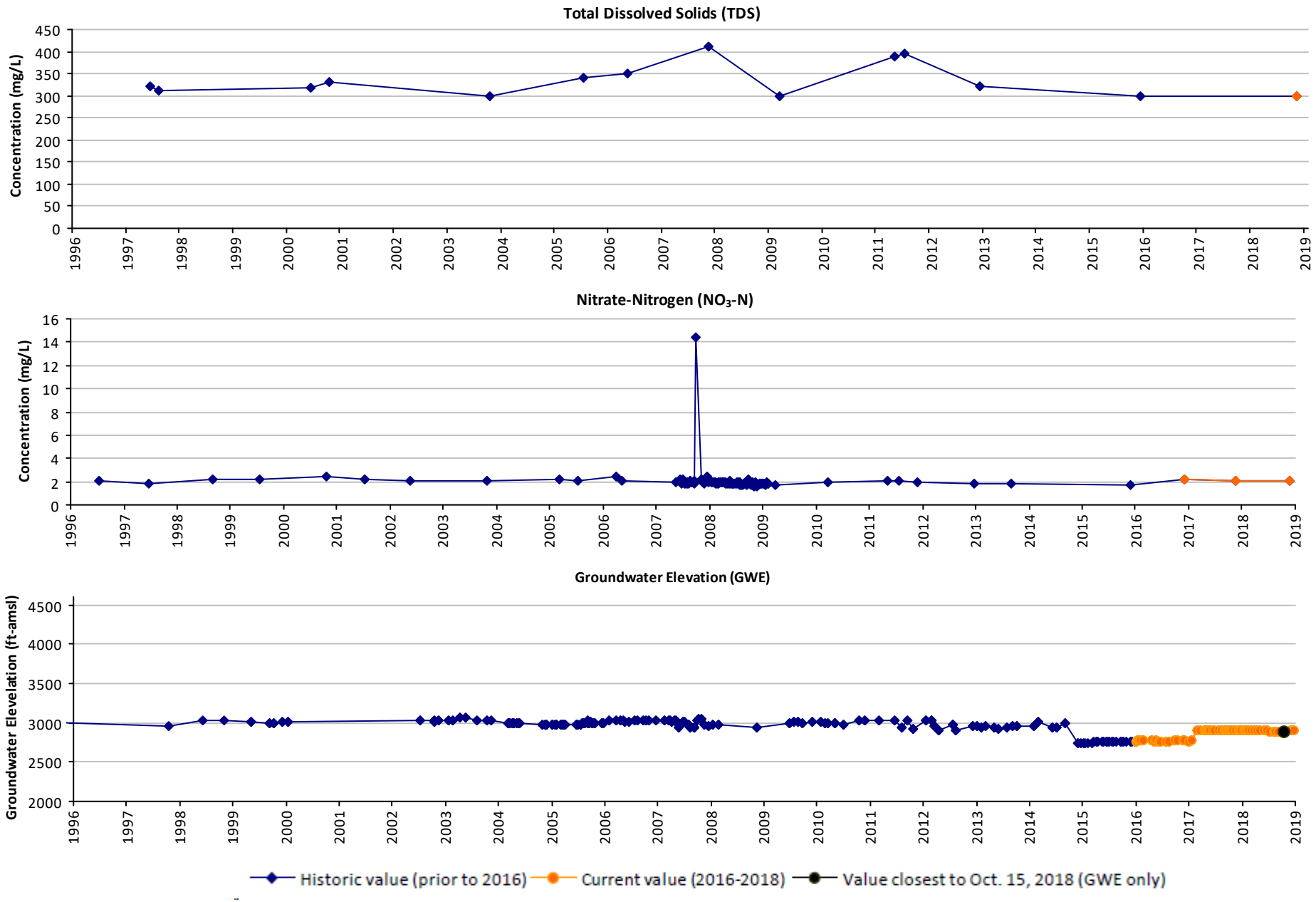

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

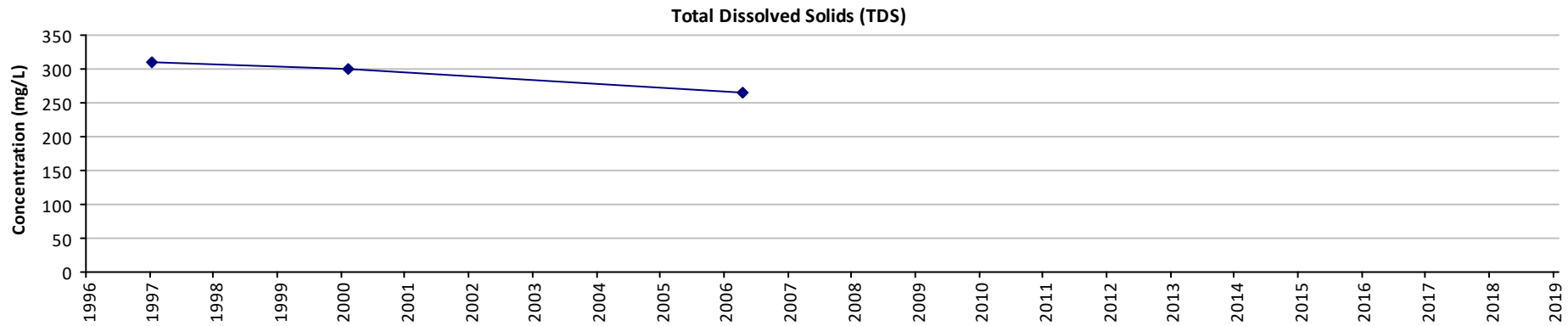

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
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2013
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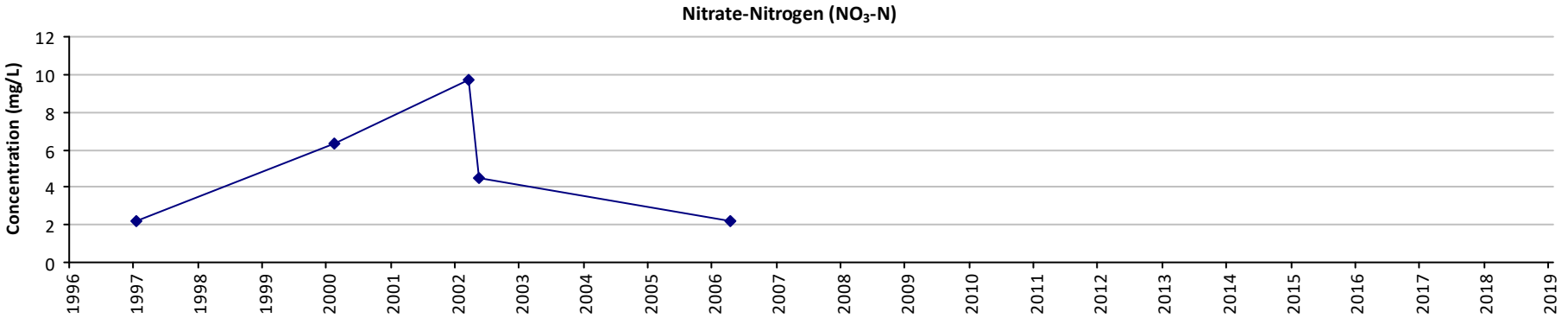
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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2013
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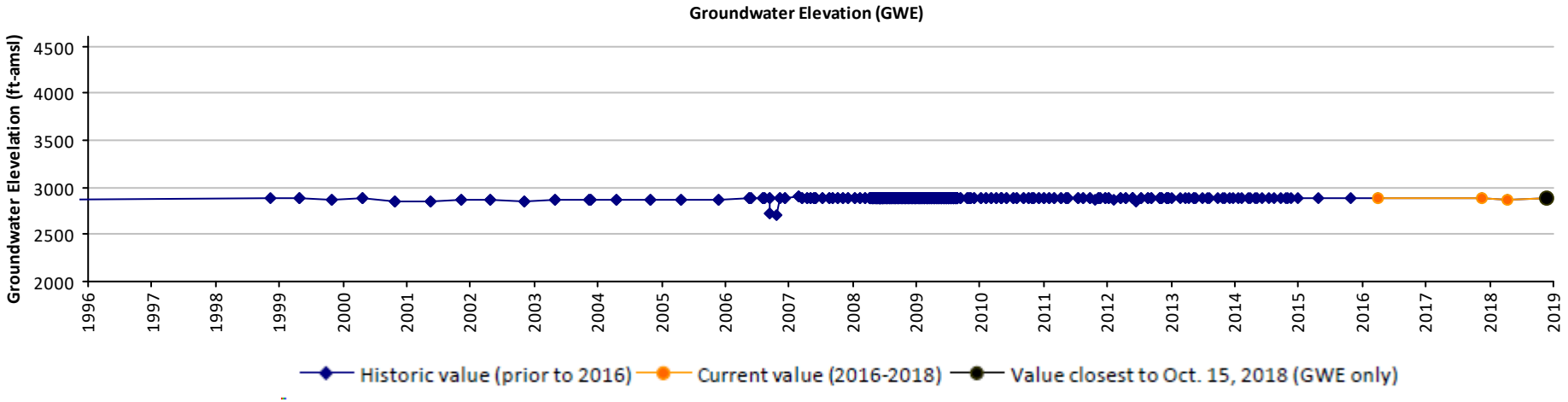
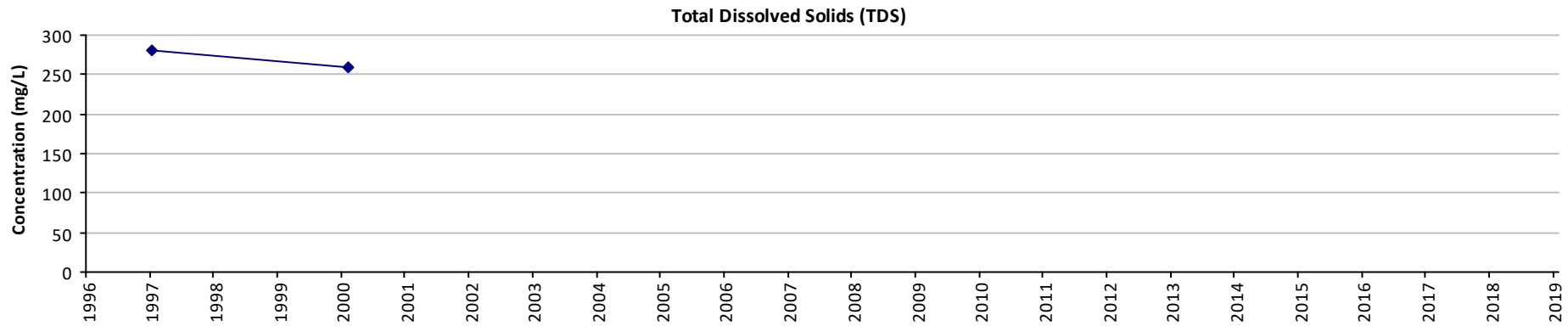
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
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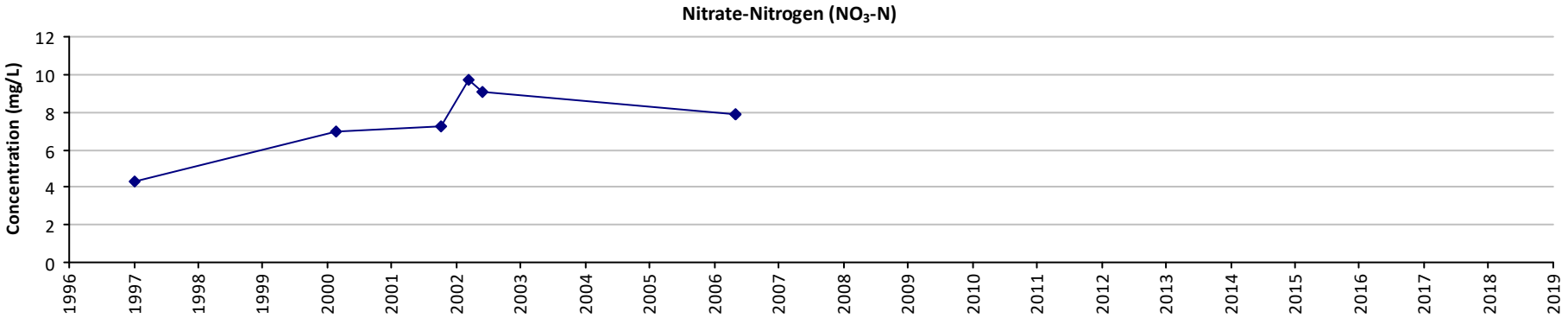
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
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2004
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2010
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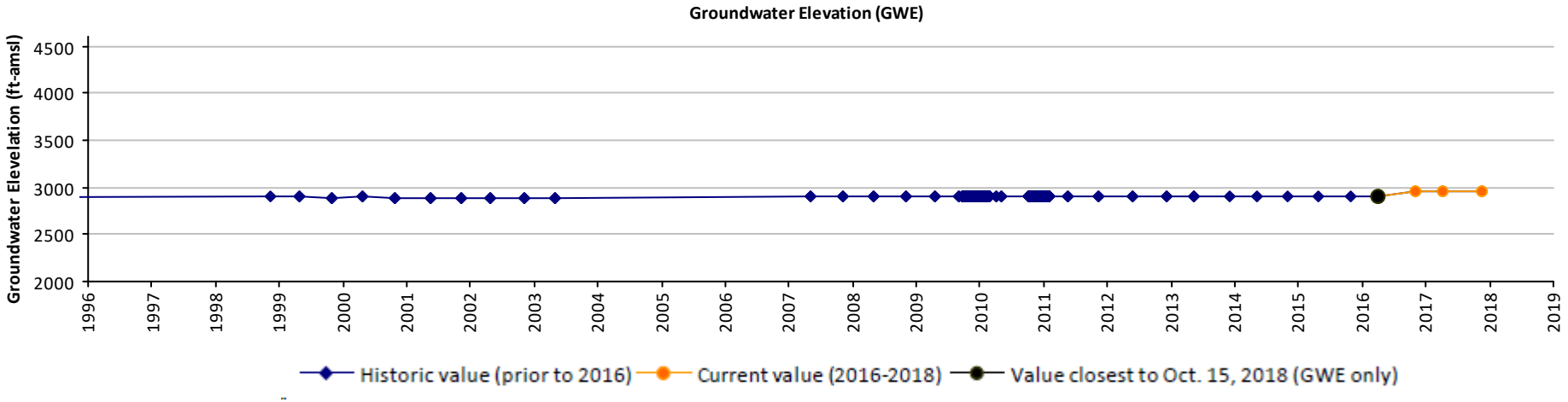
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
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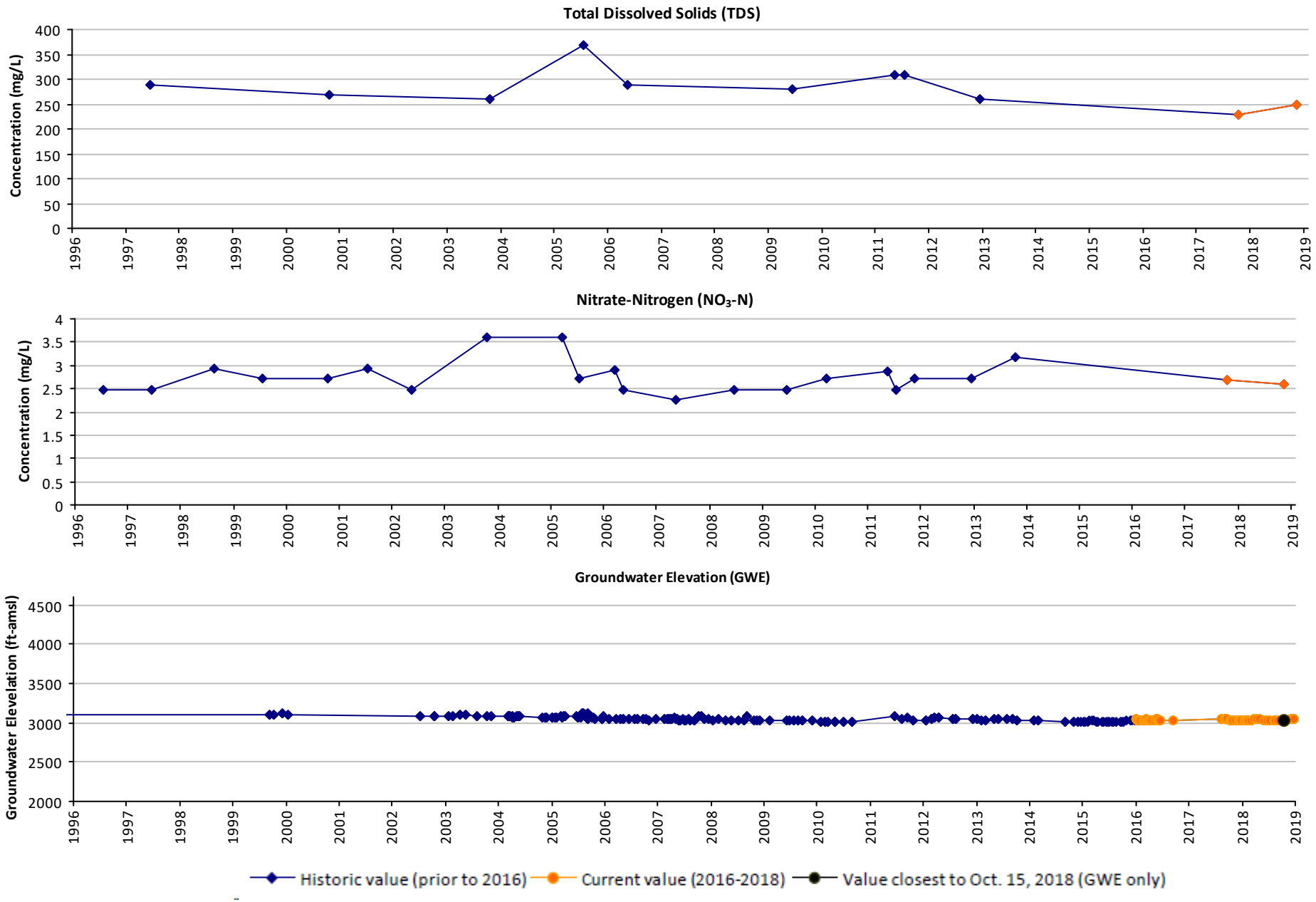
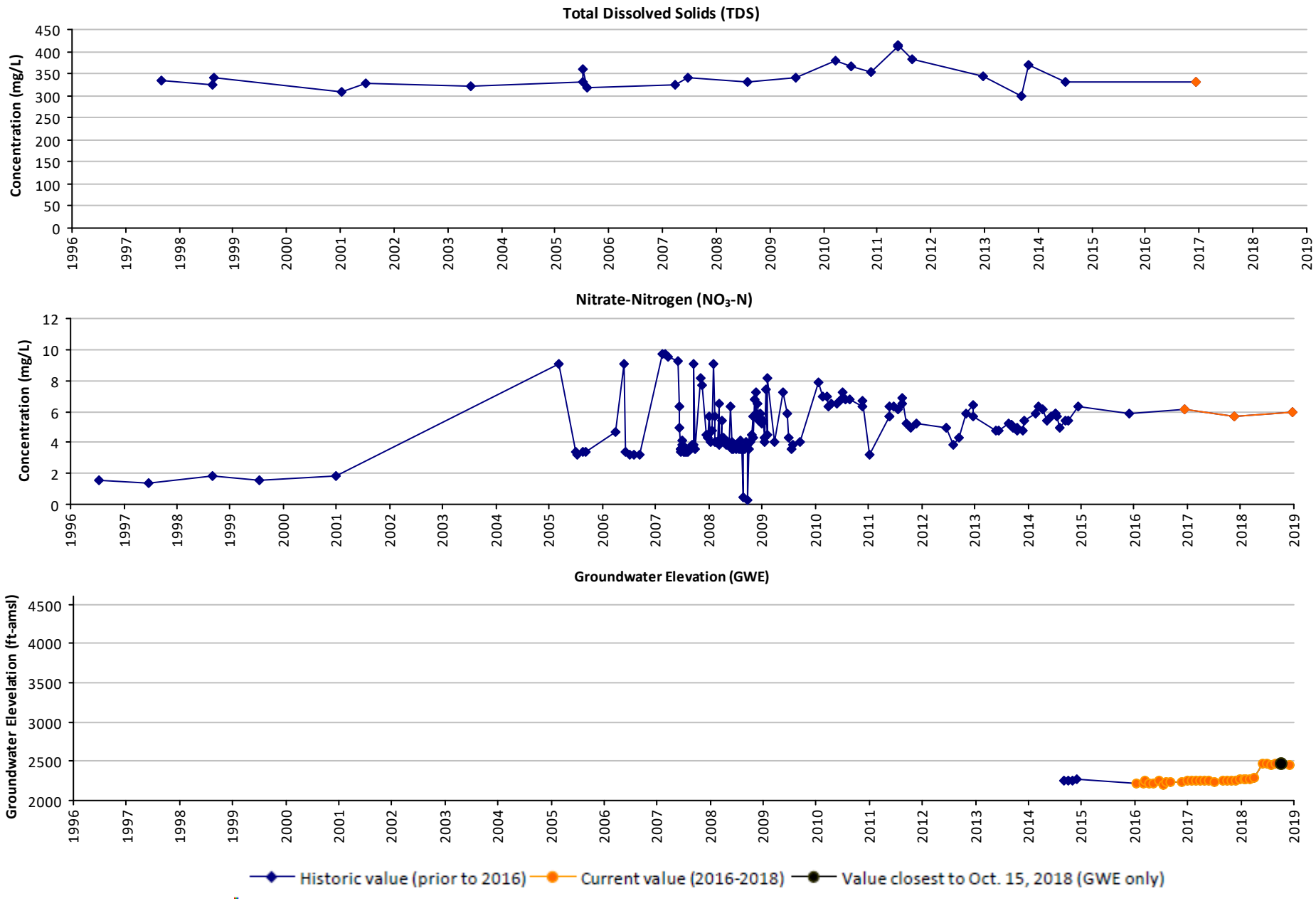
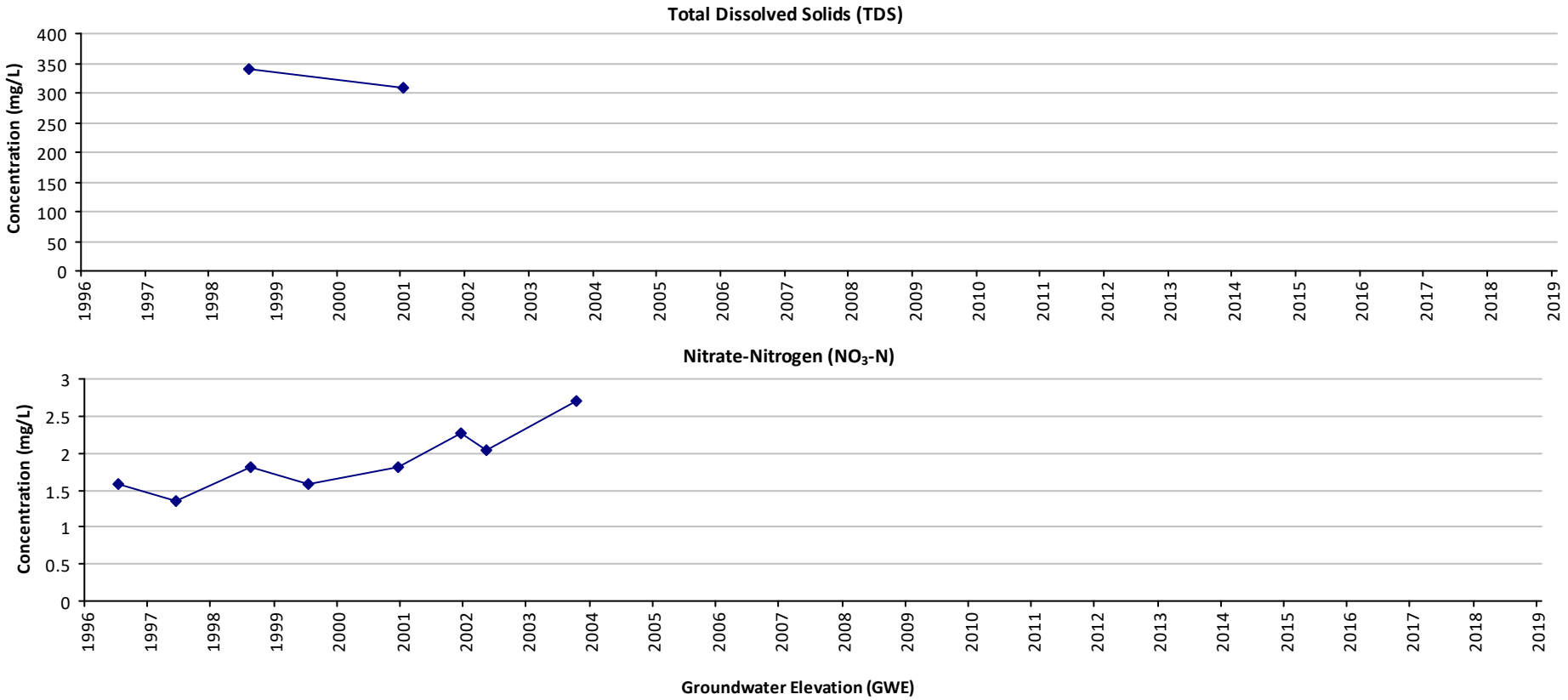
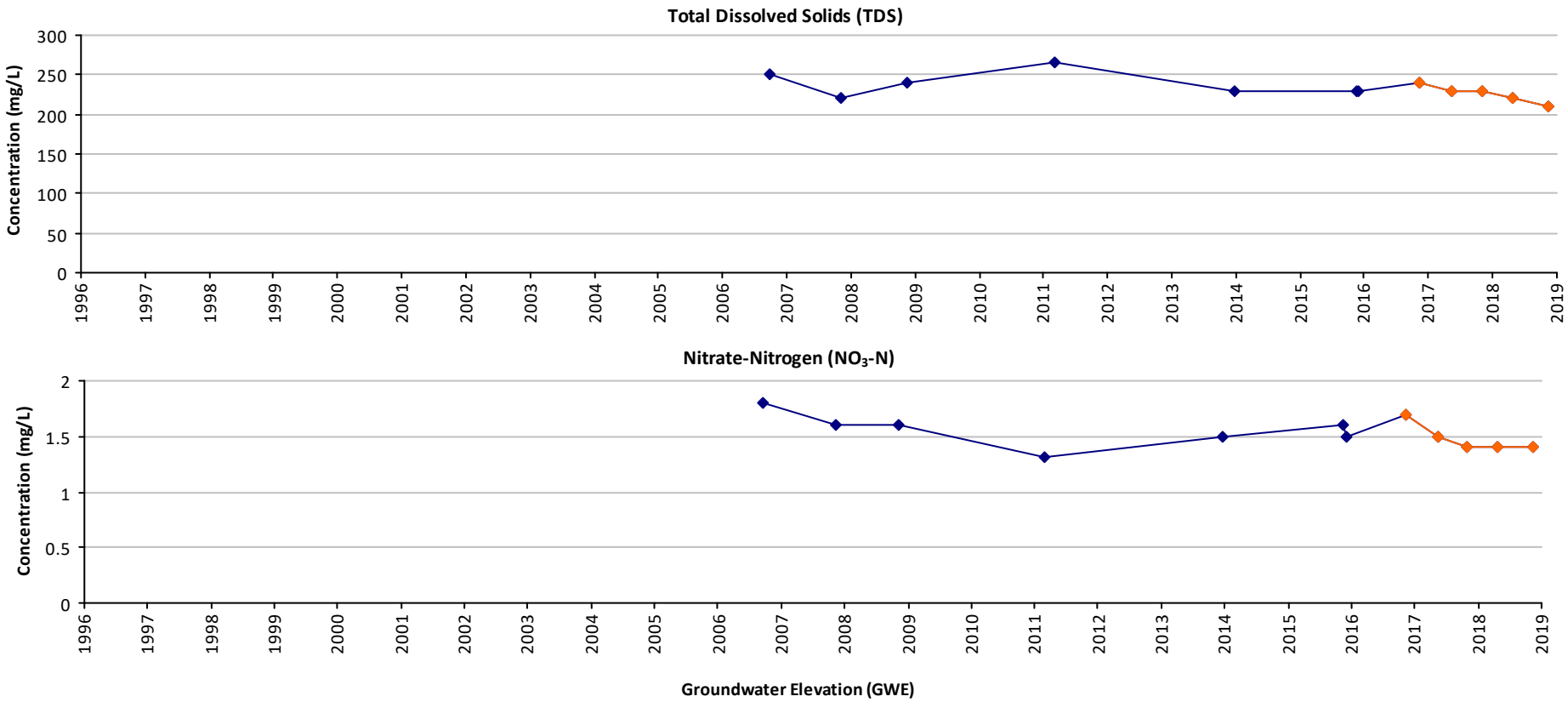
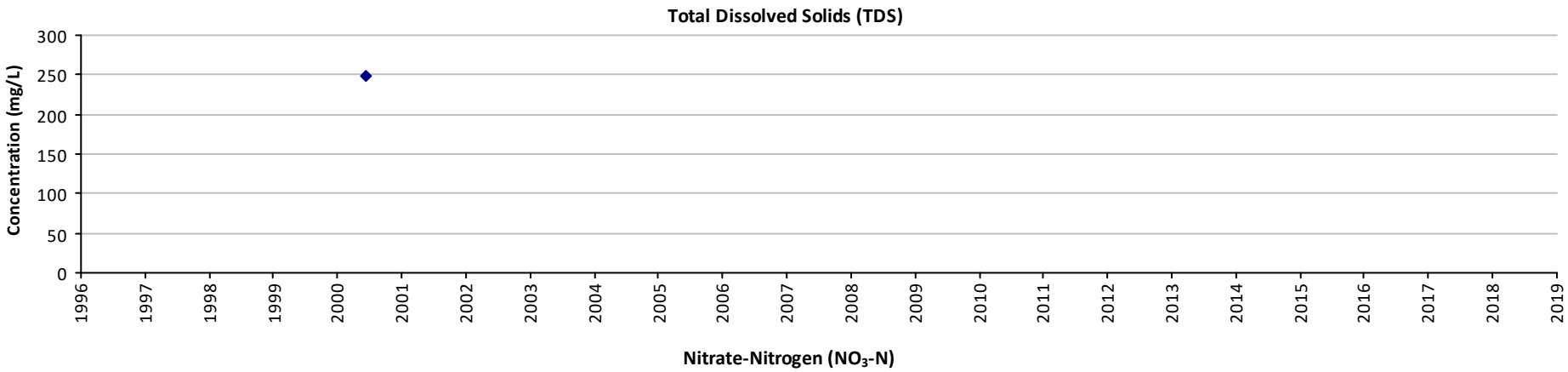
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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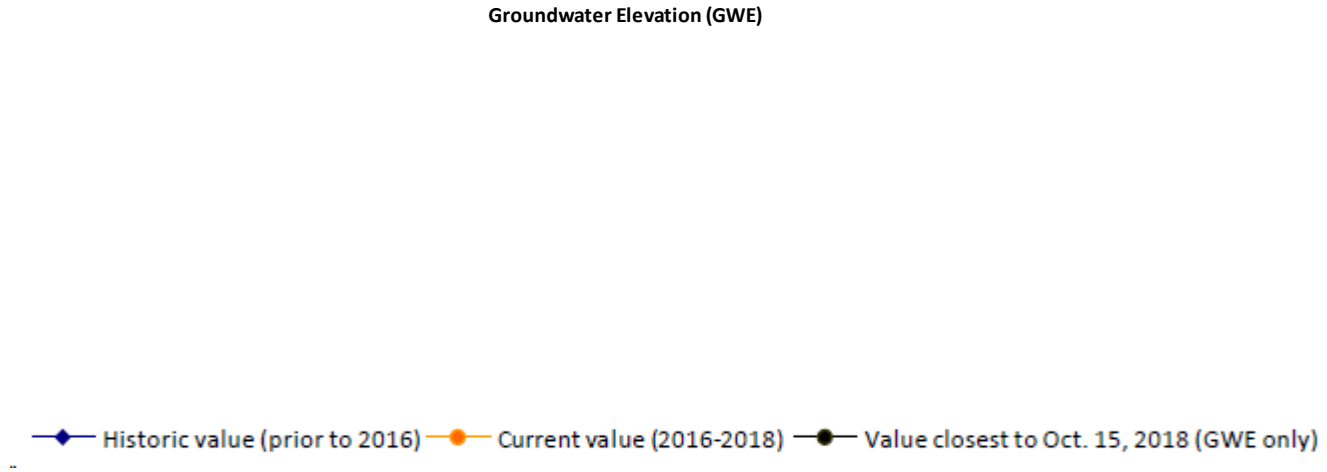
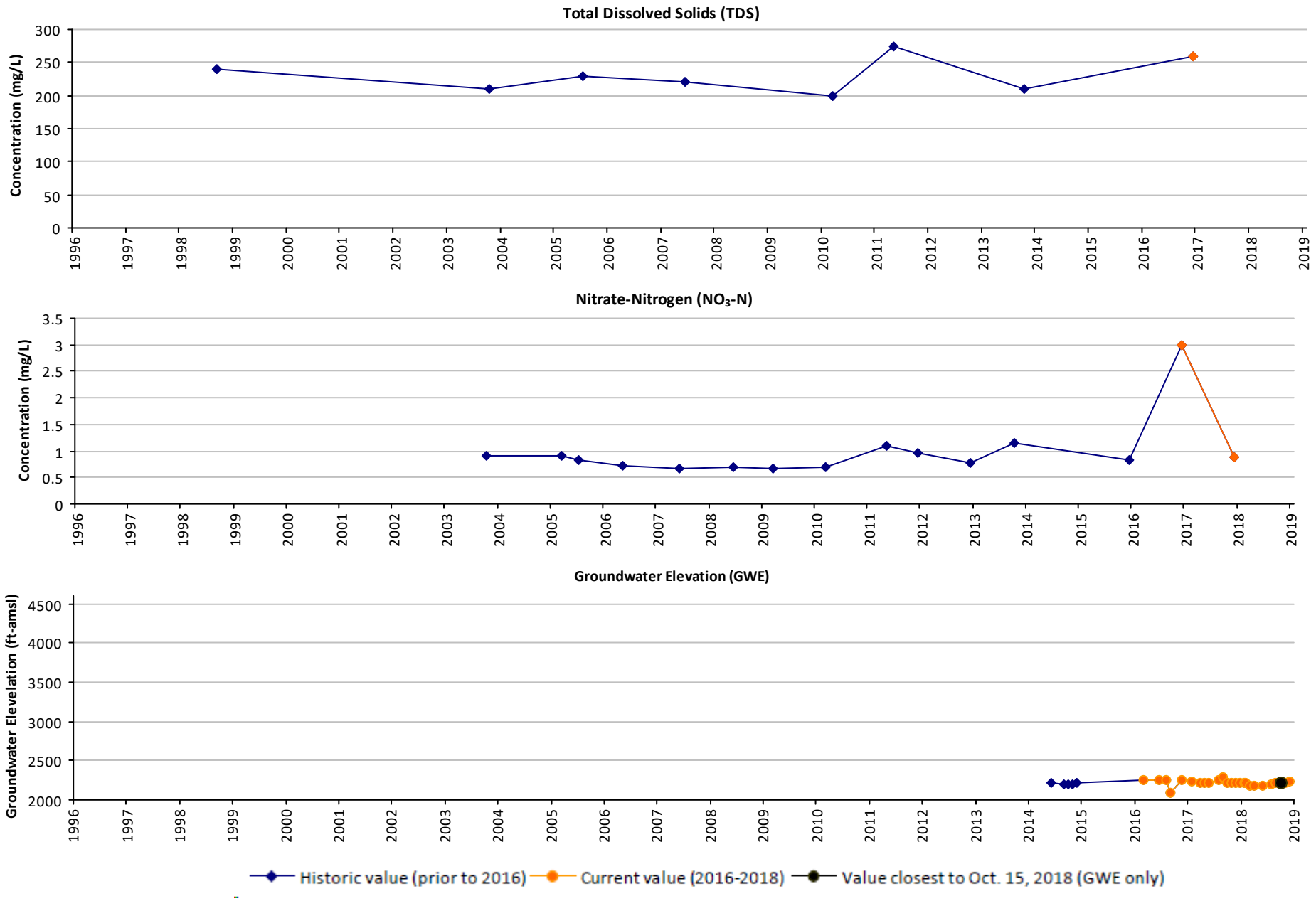
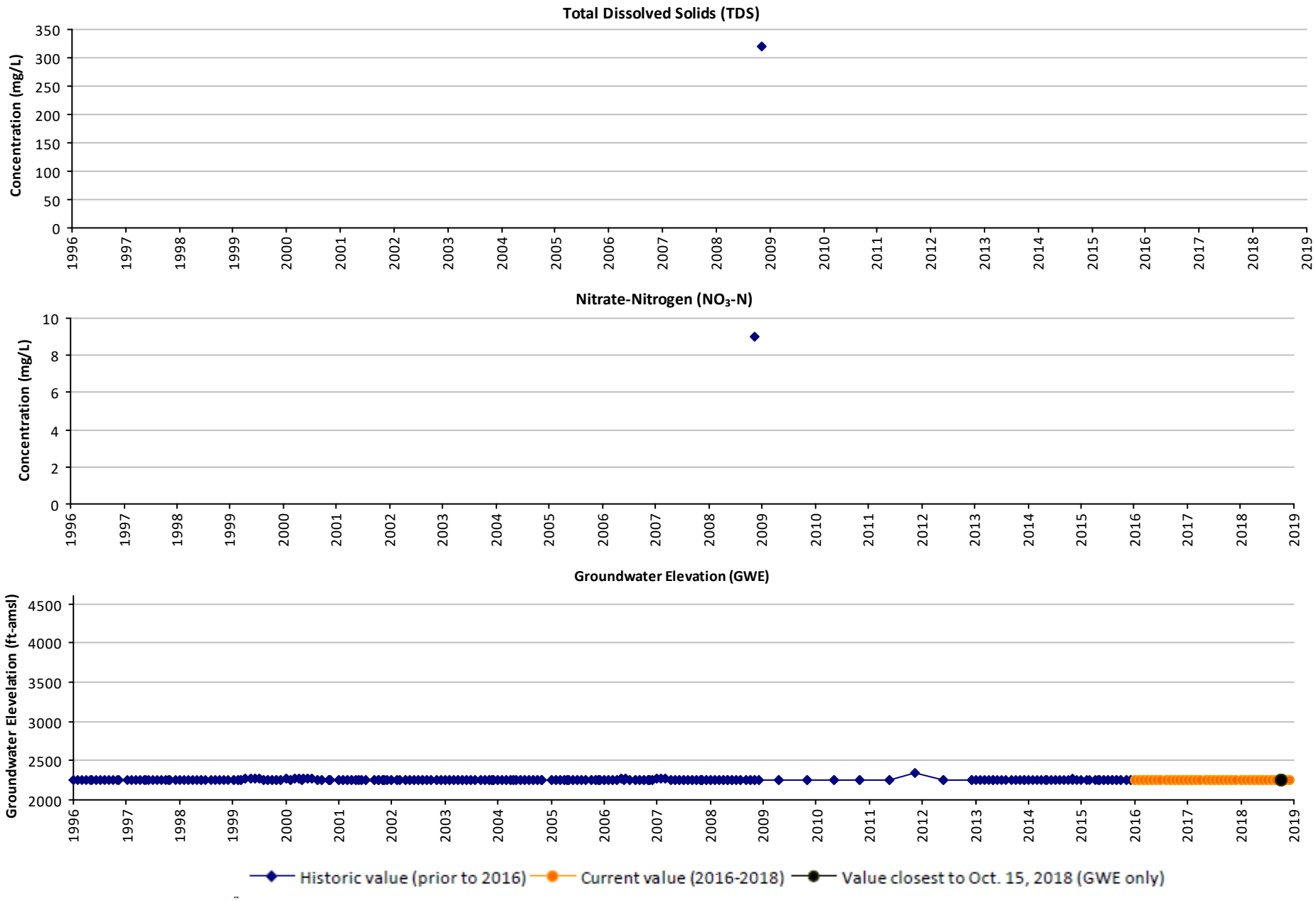
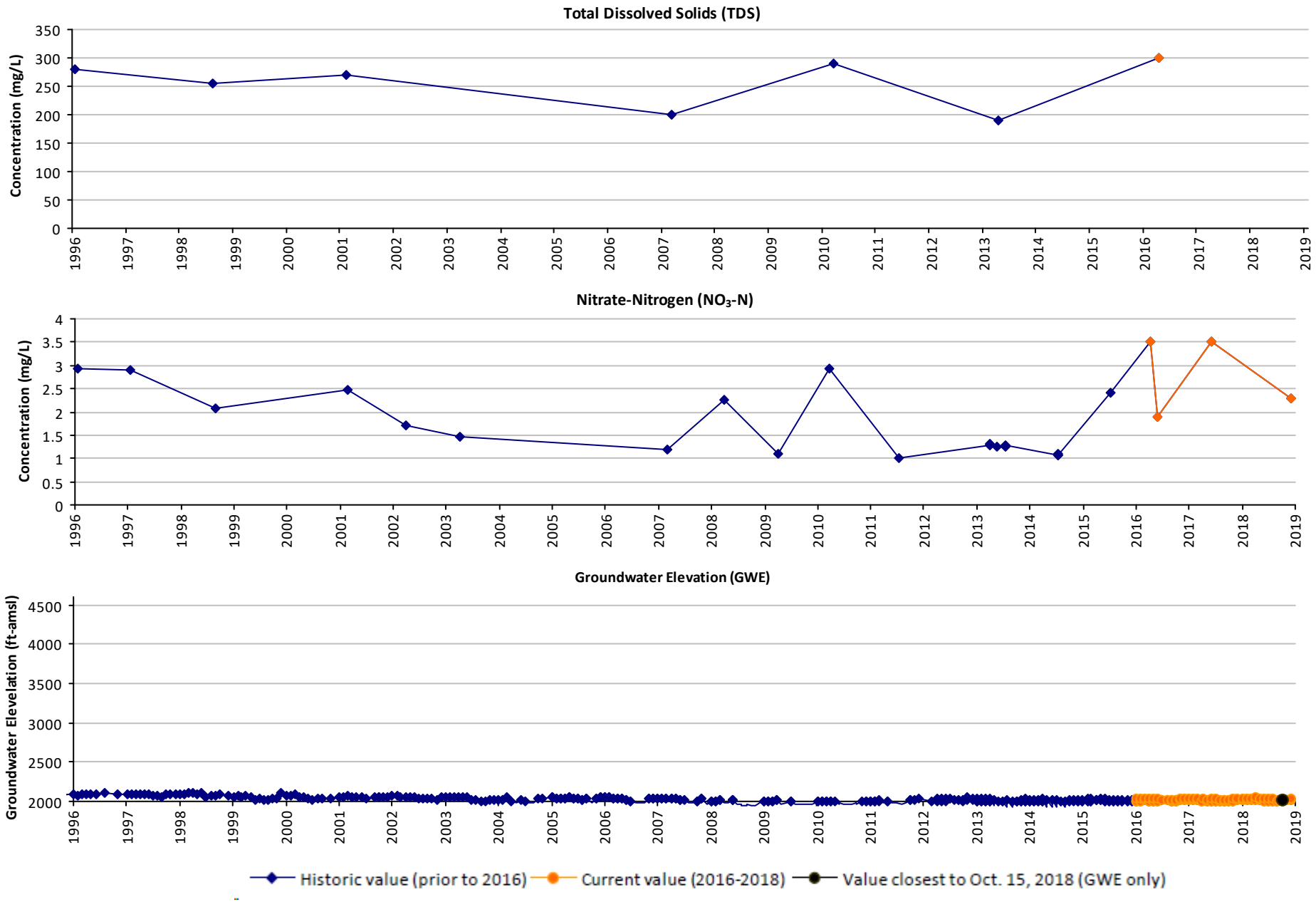
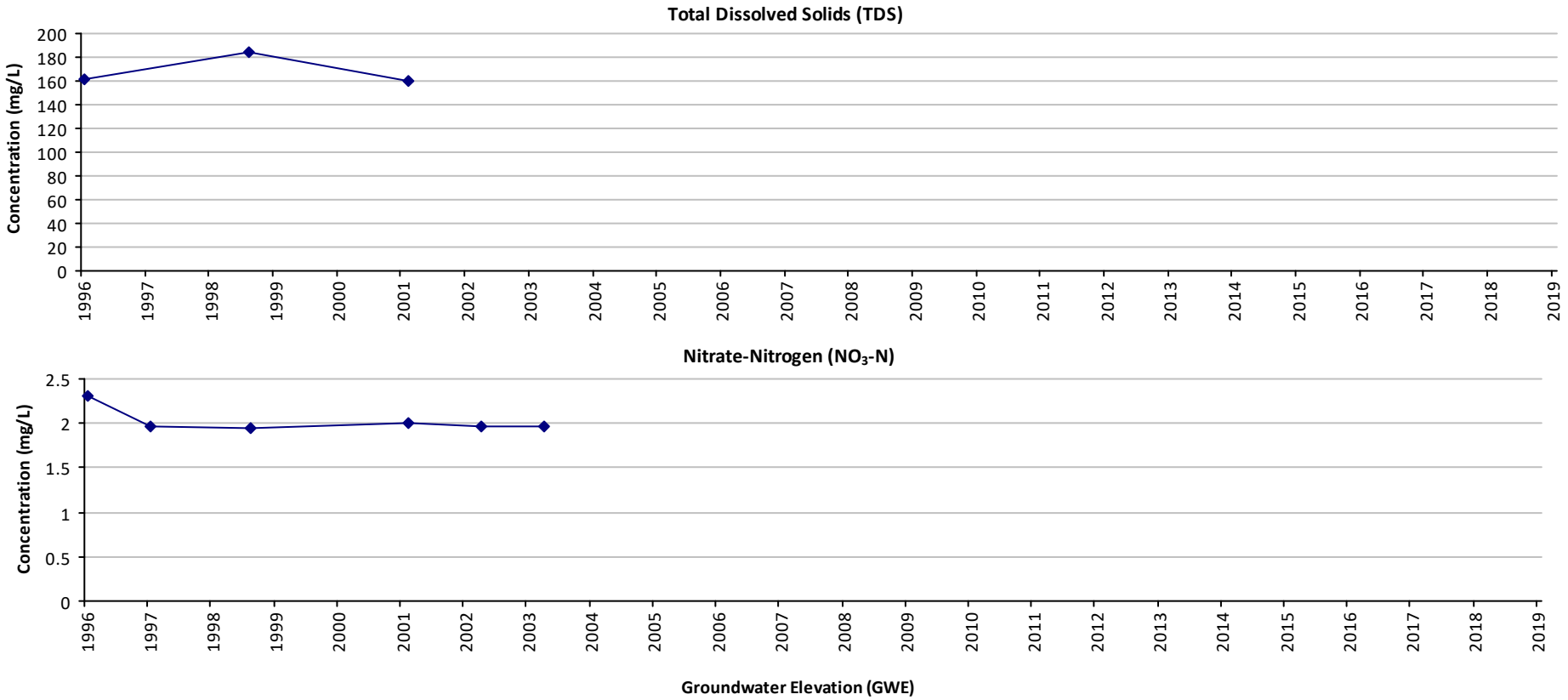
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2009
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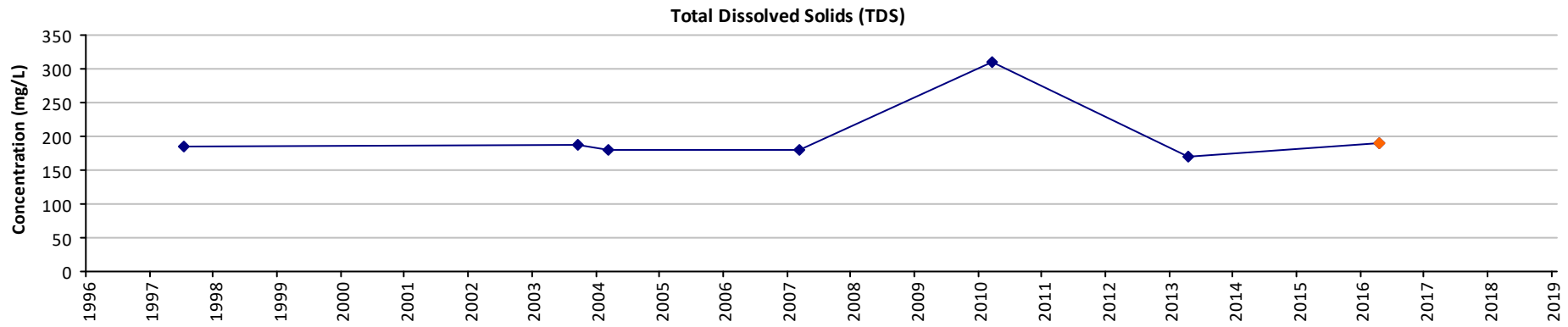
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
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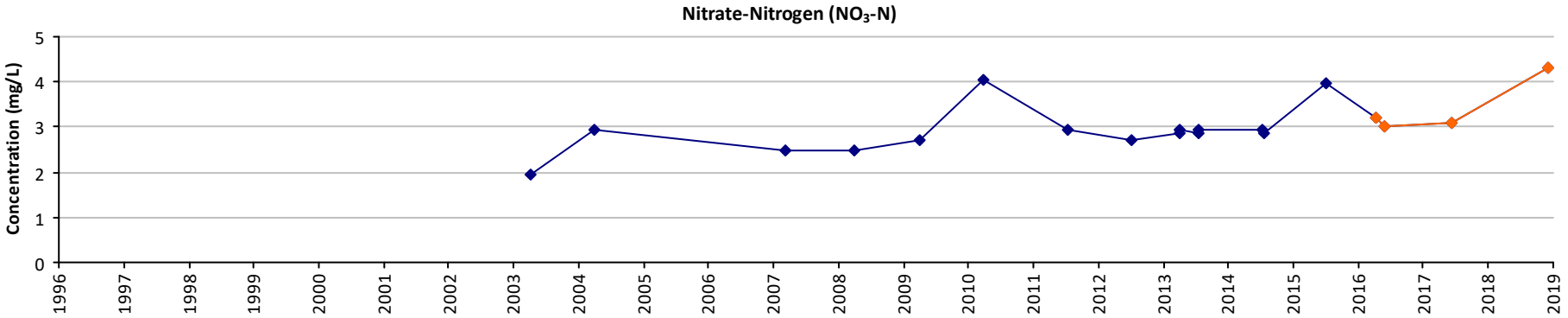
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
1996
1997
1998
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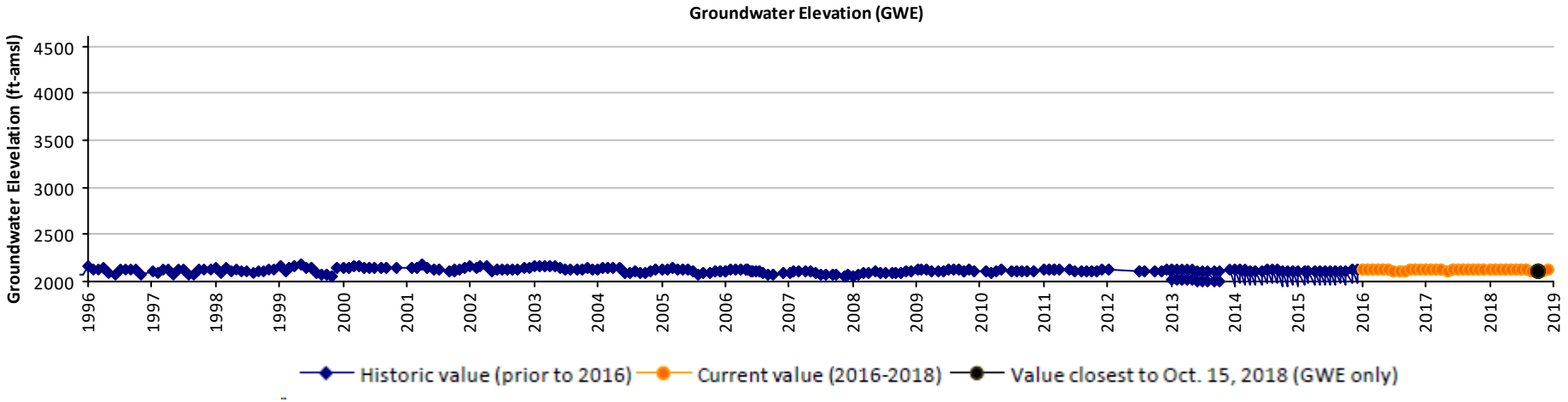
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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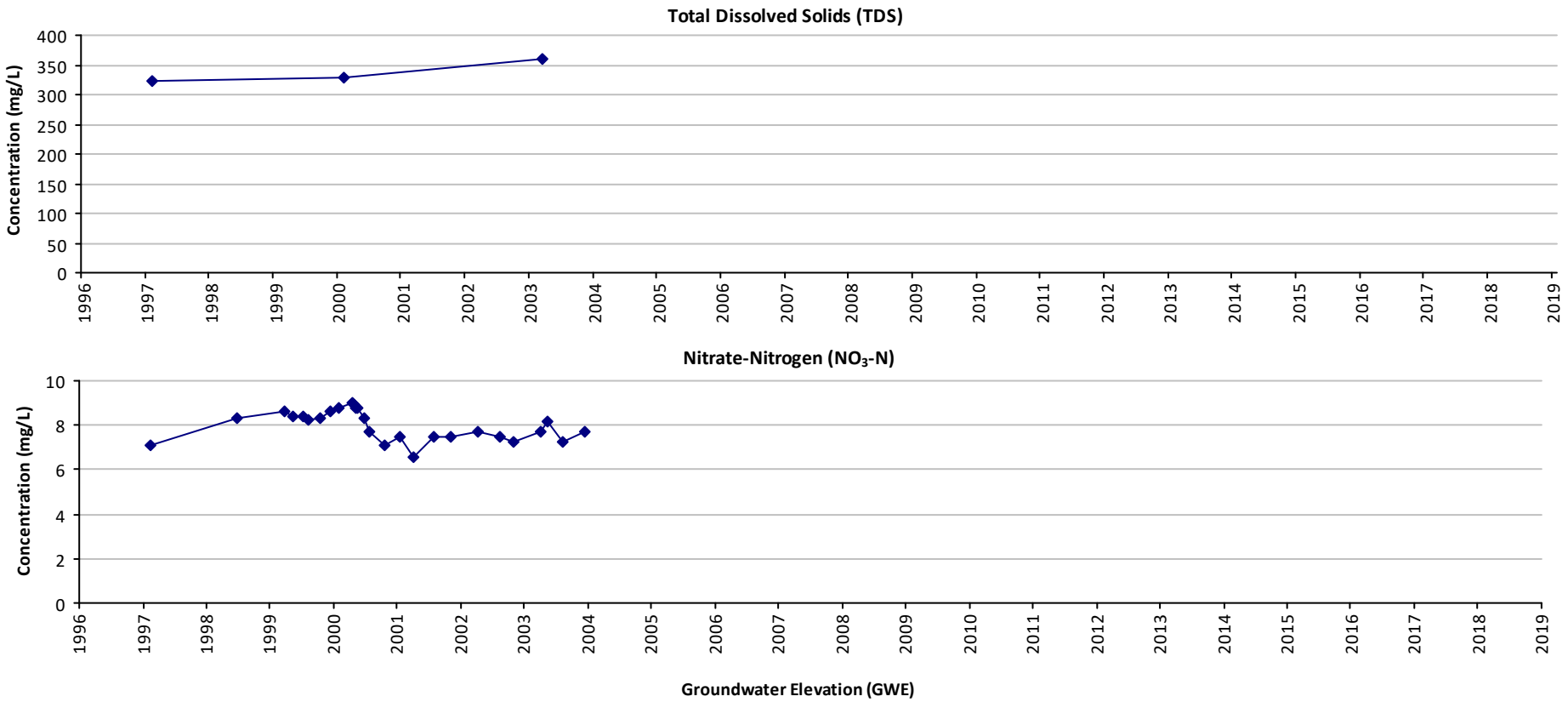
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
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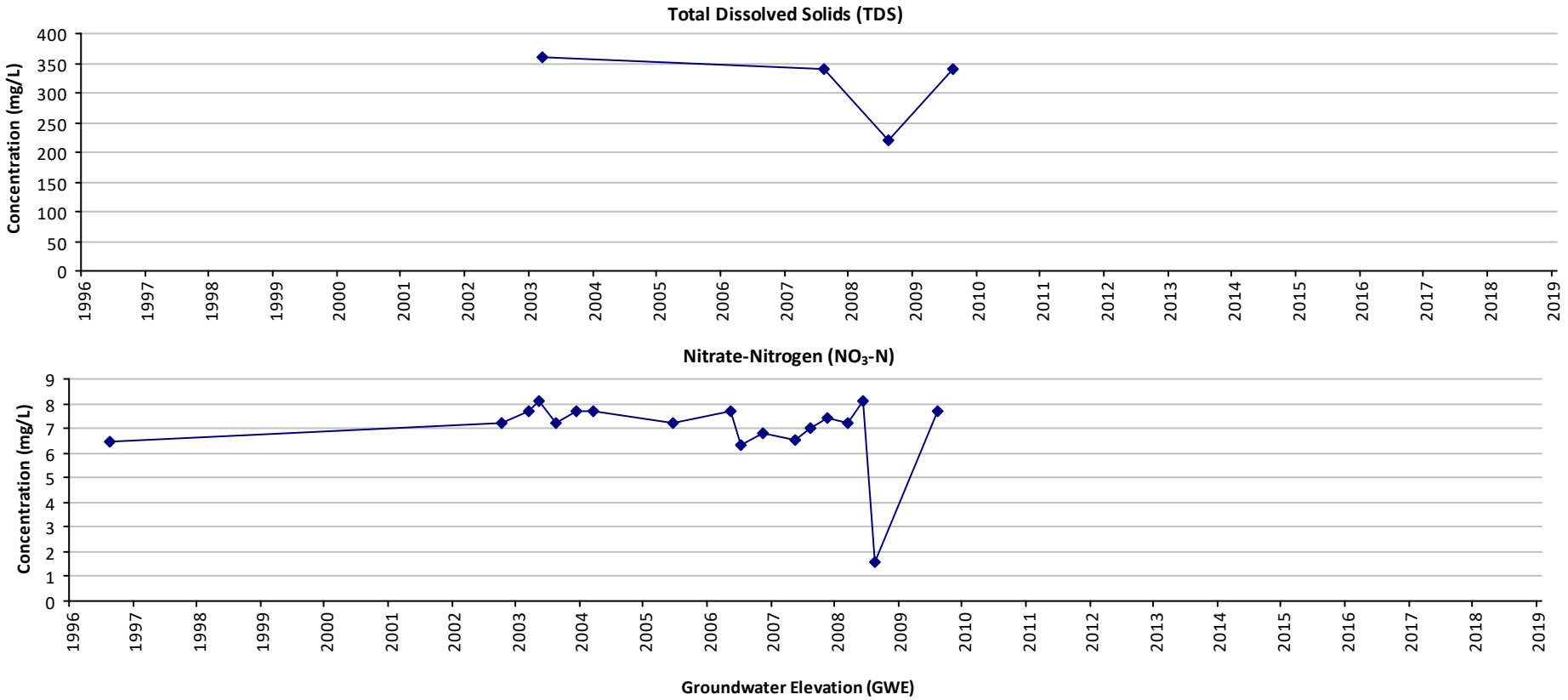
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
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2001
2002
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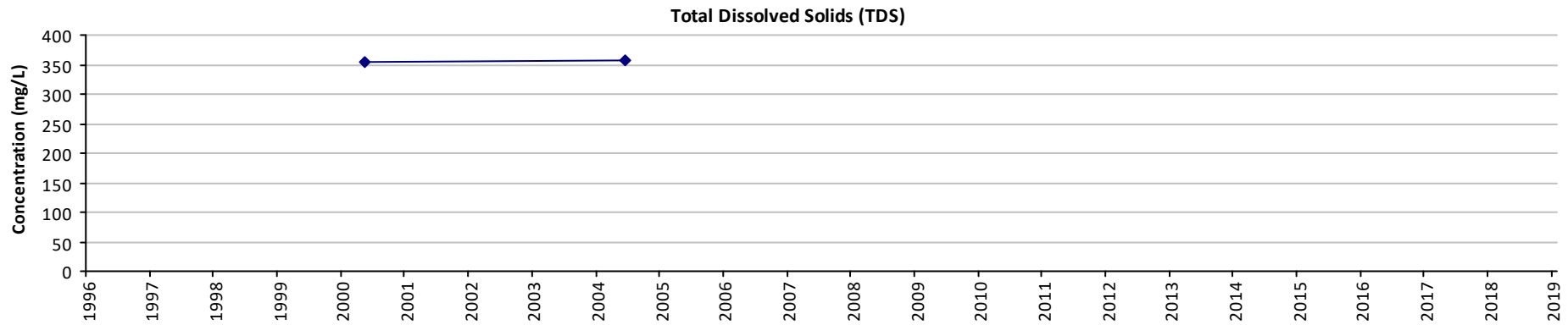
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
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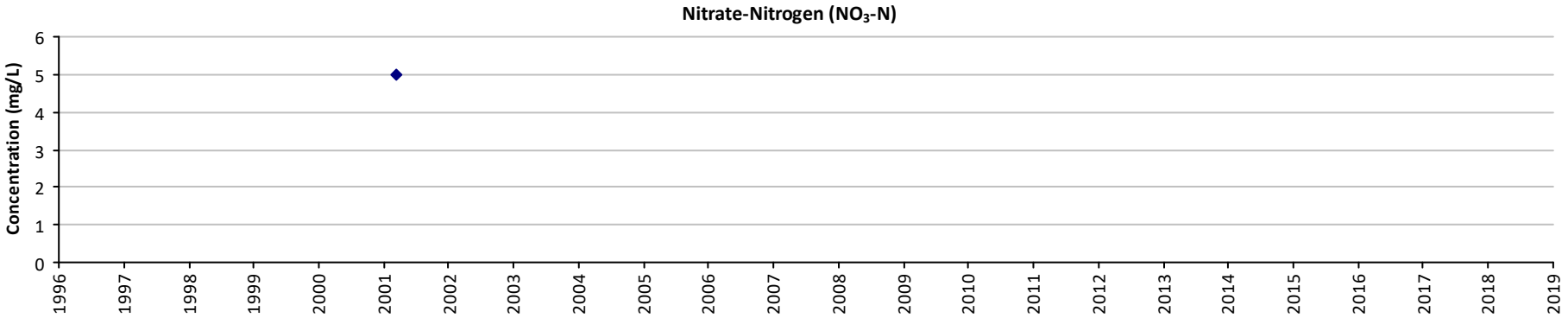
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
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2004
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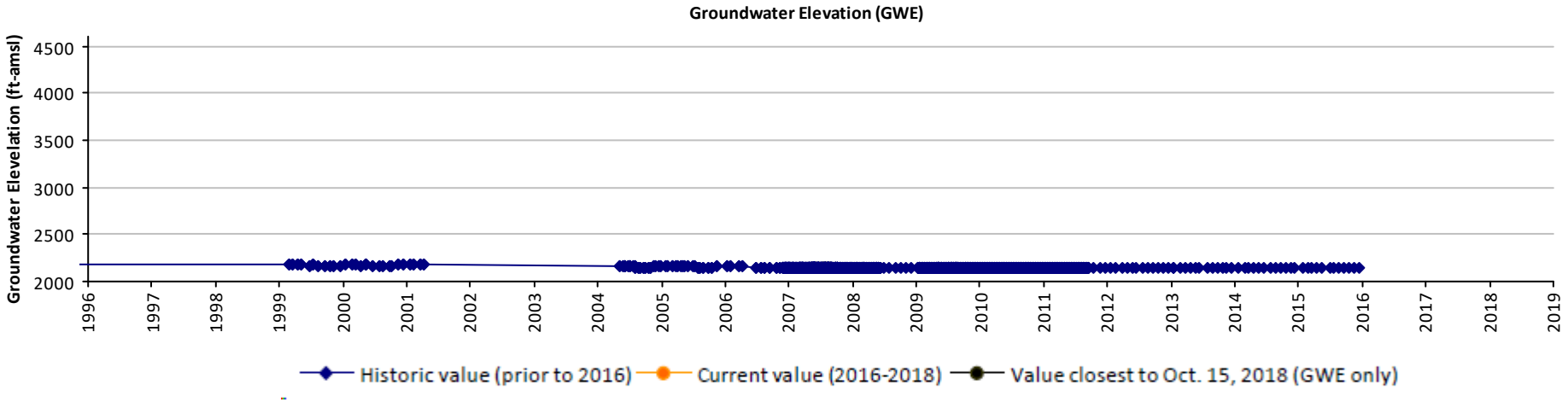
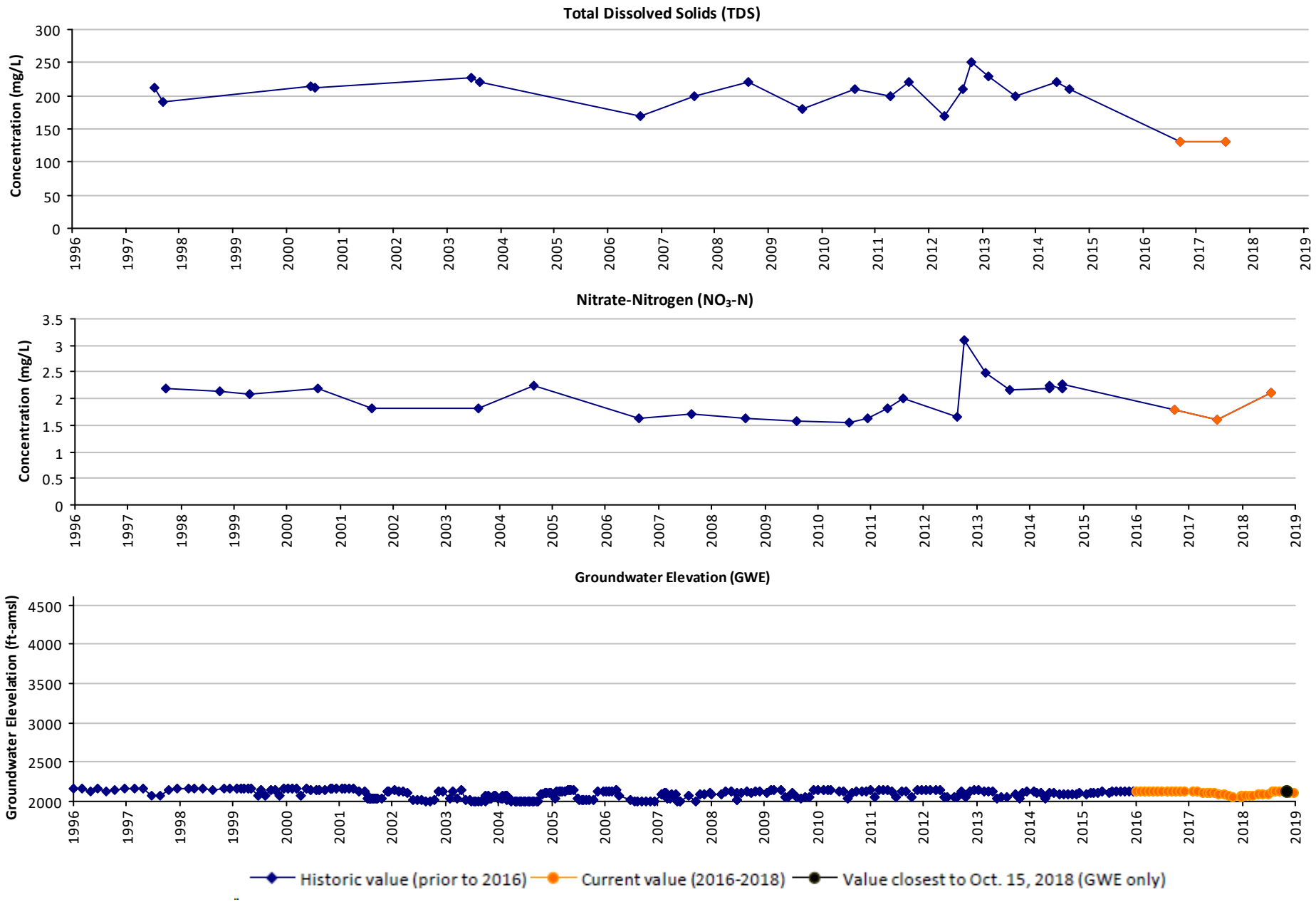
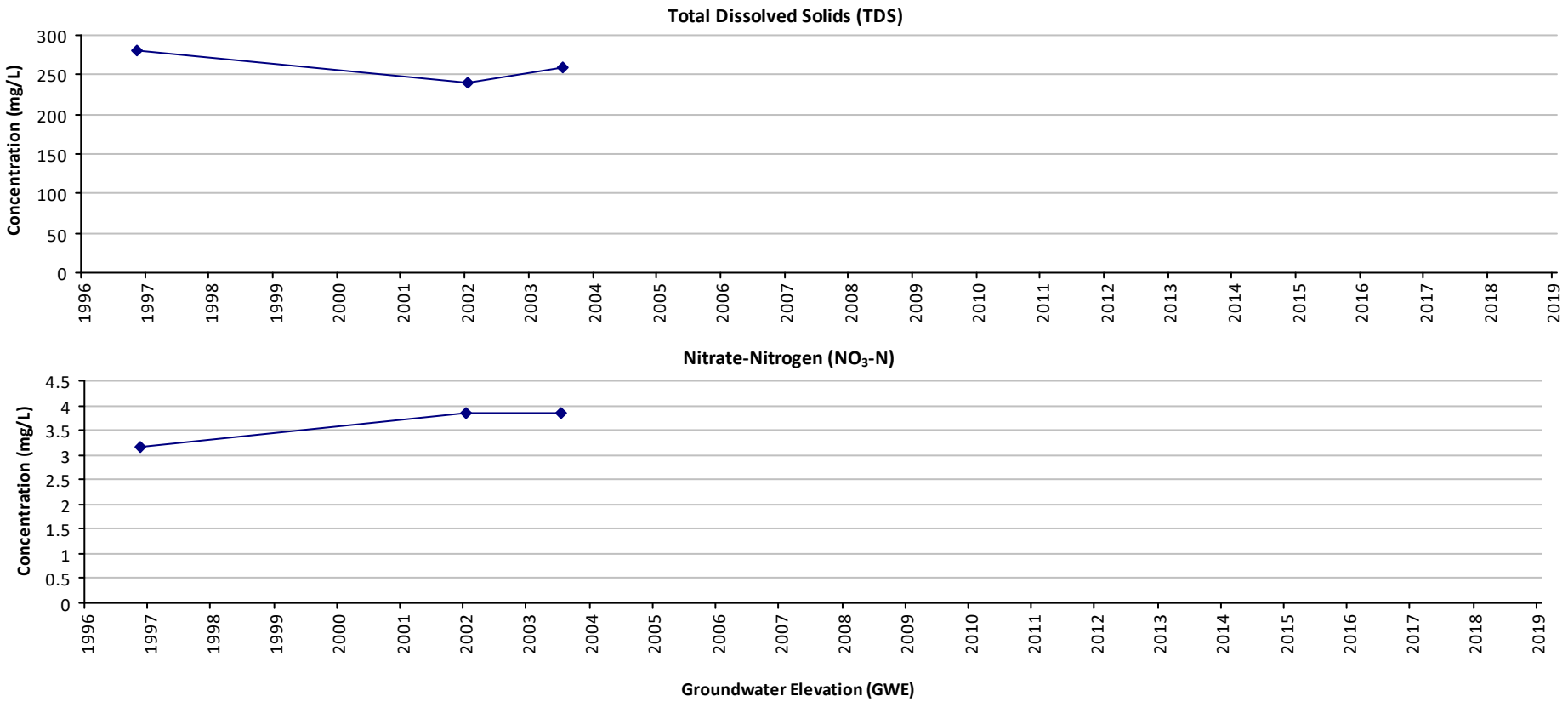
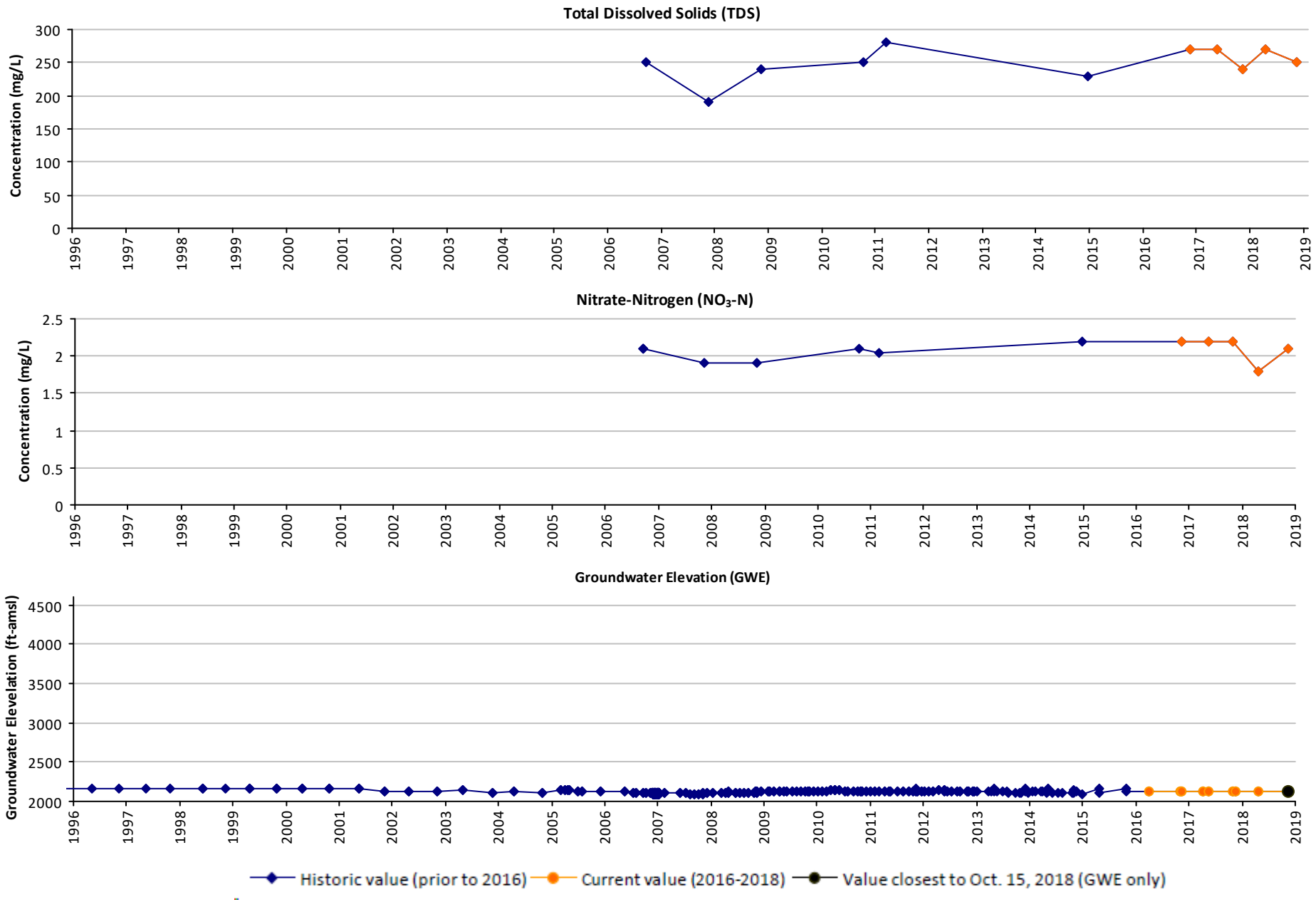
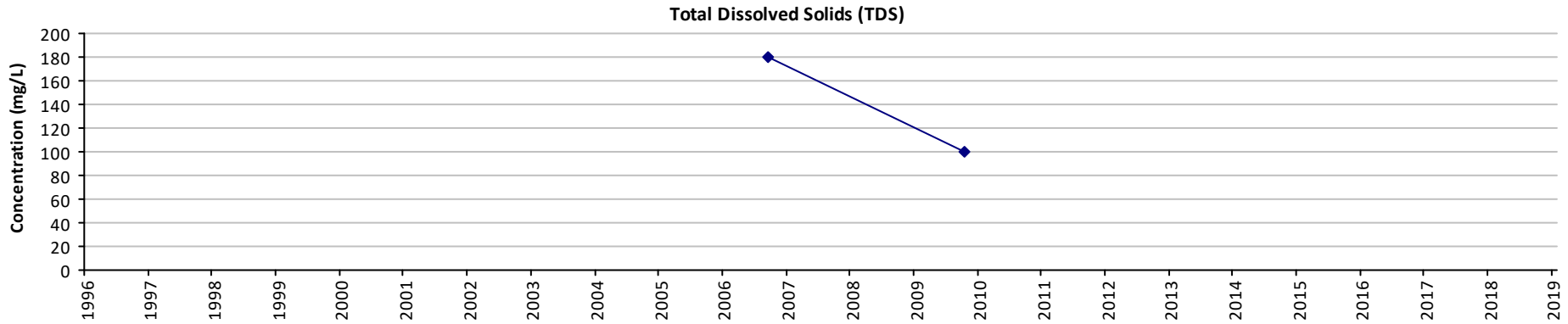
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
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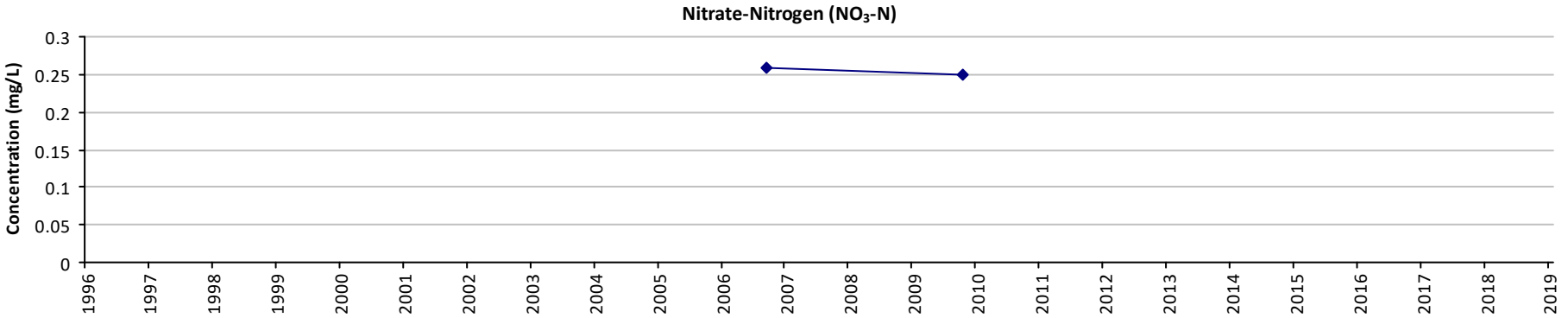
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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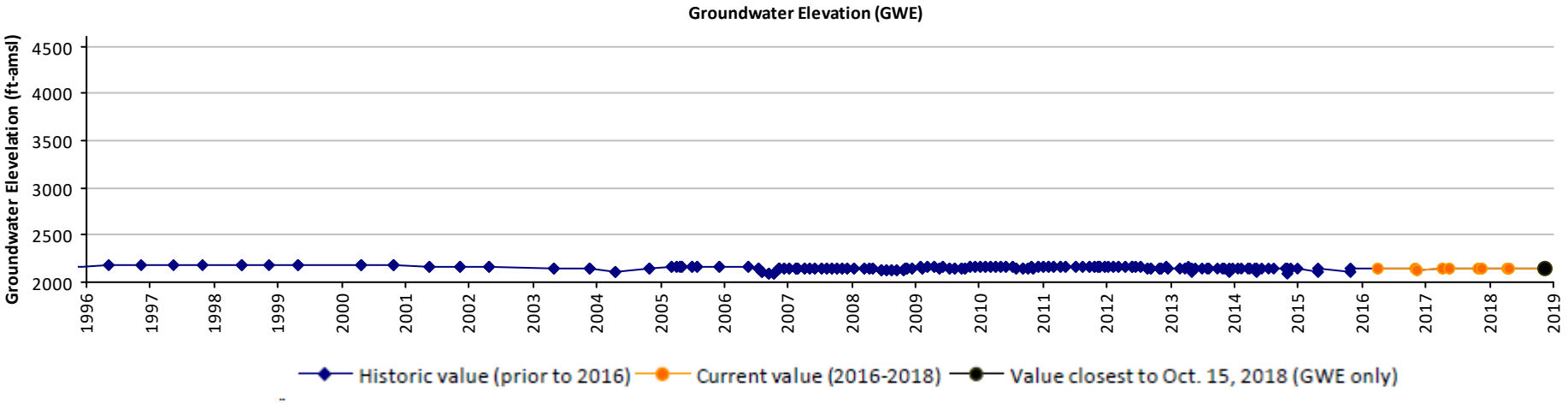
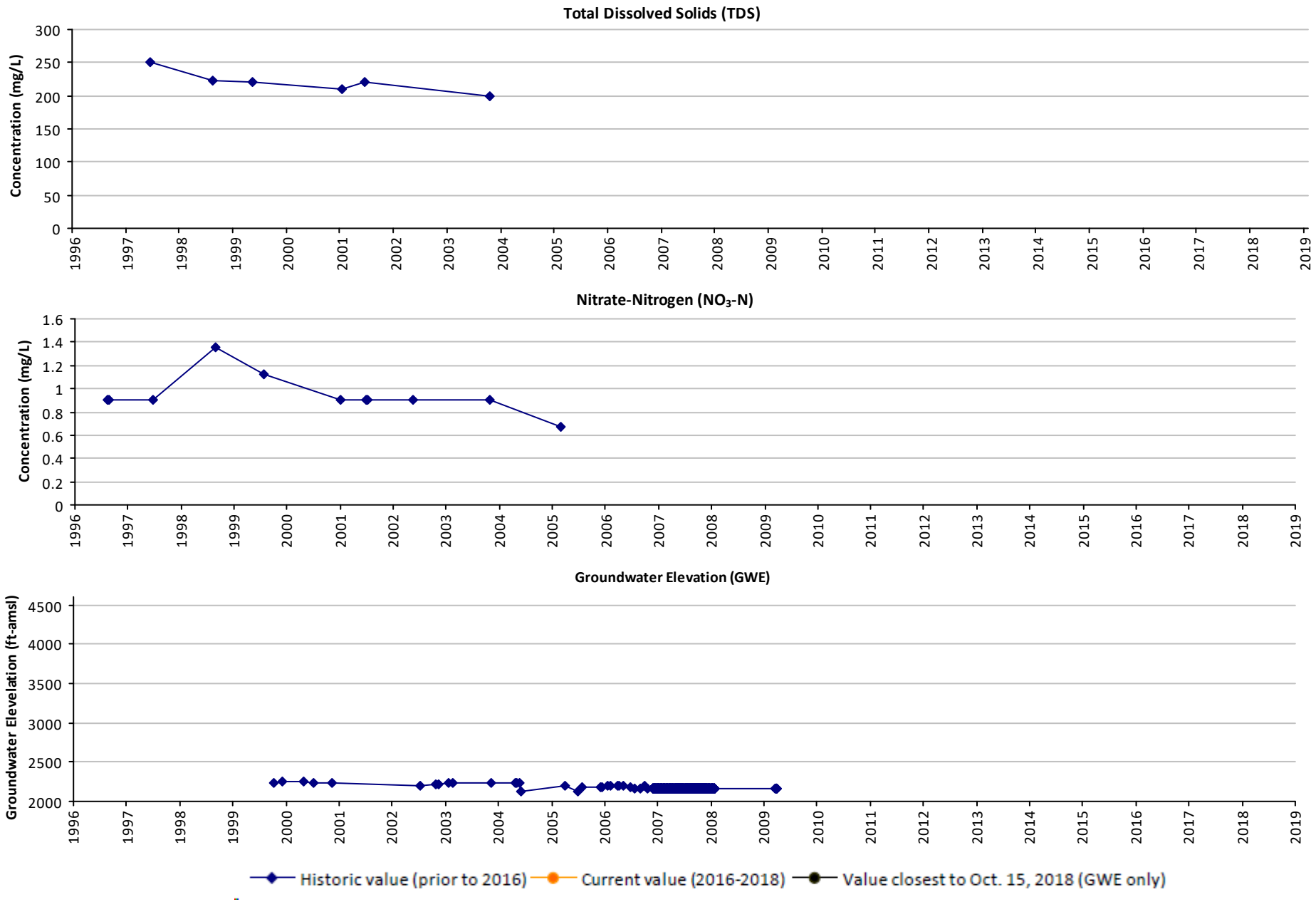
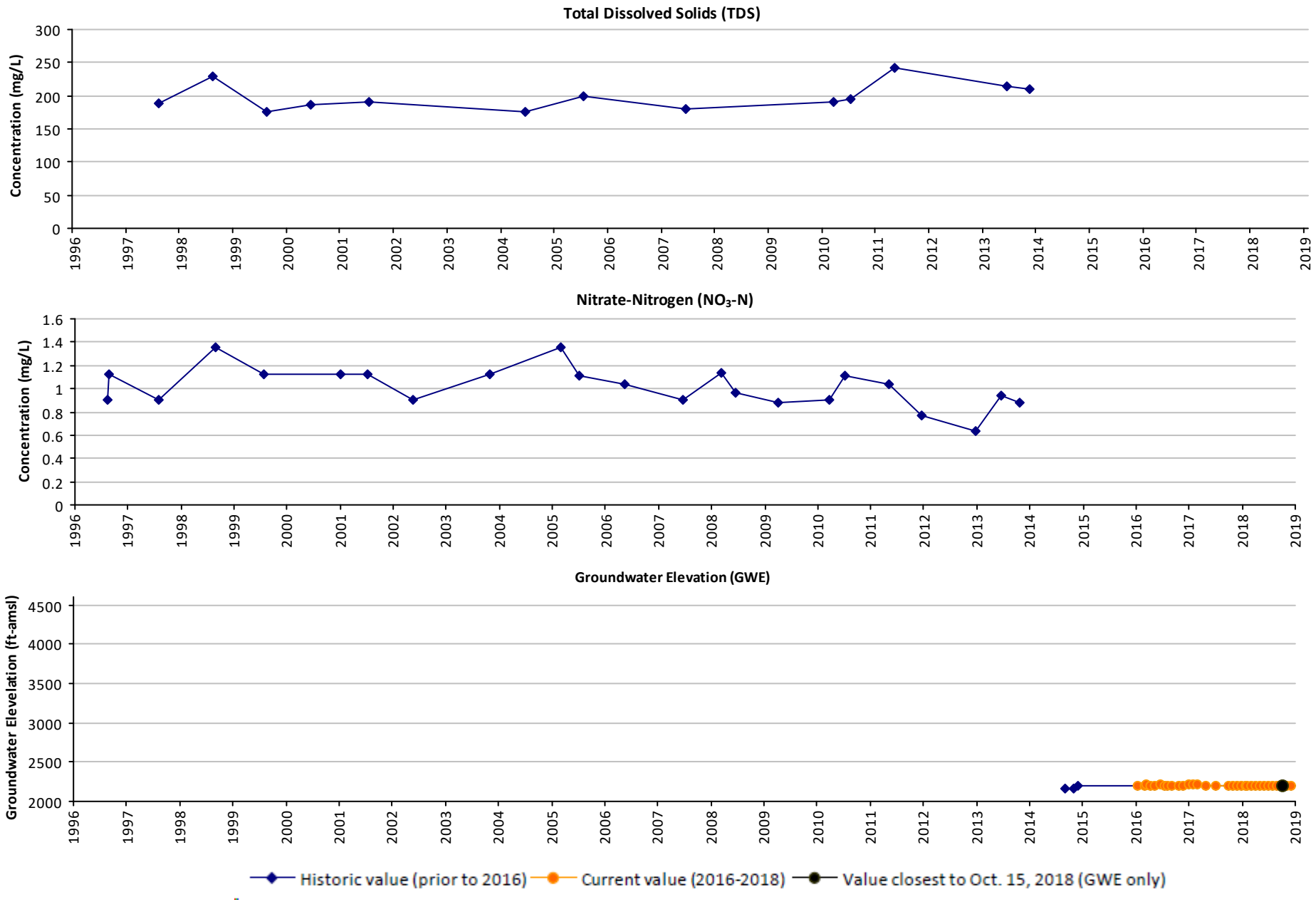
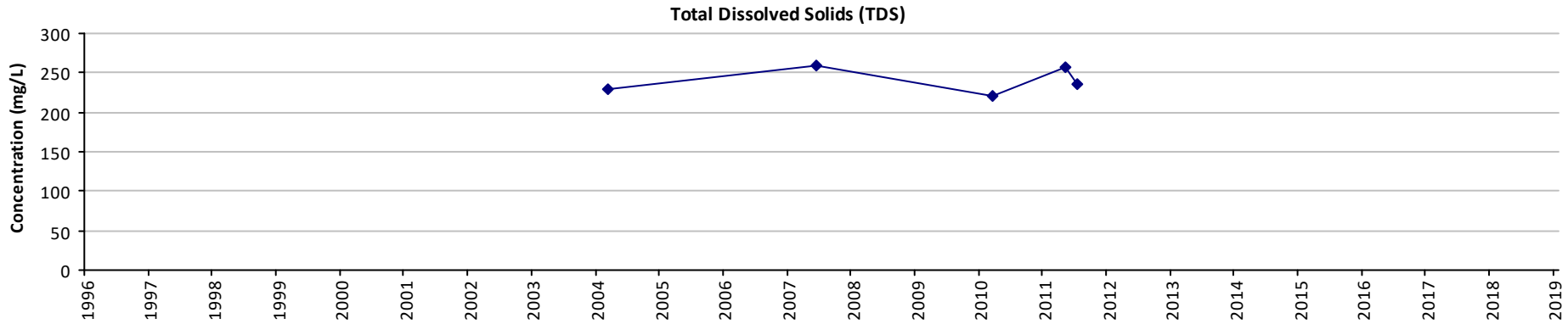
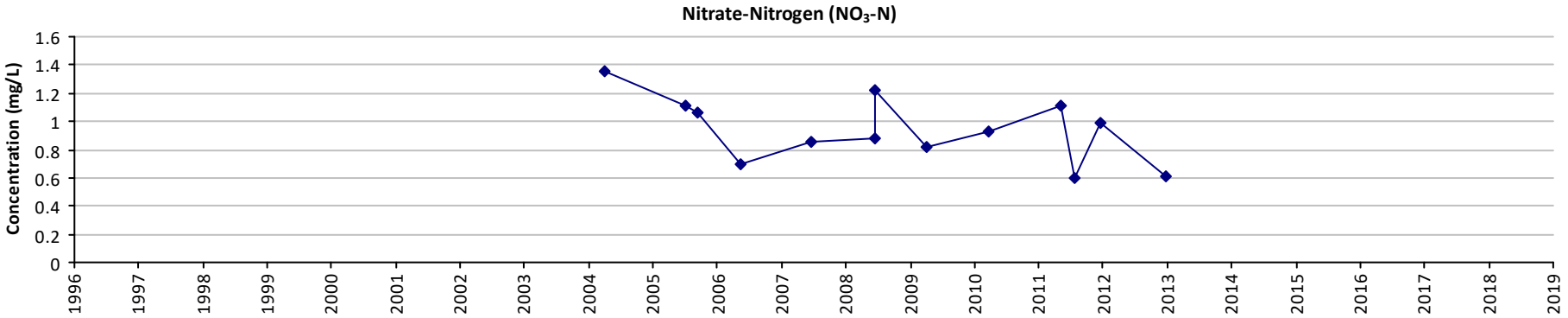
2014
2015
2016
2017
2018
2019

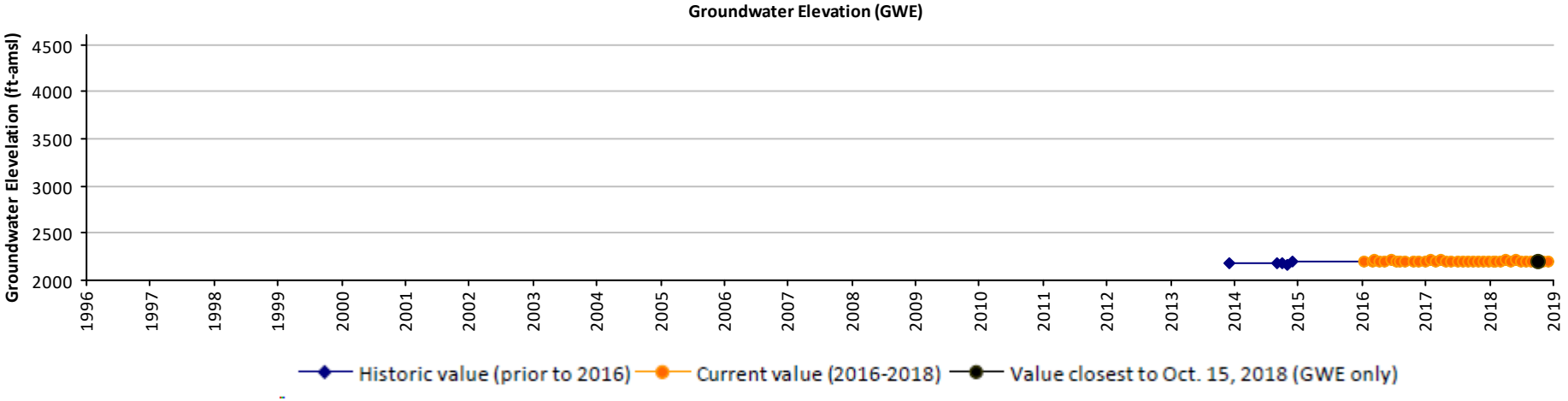

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

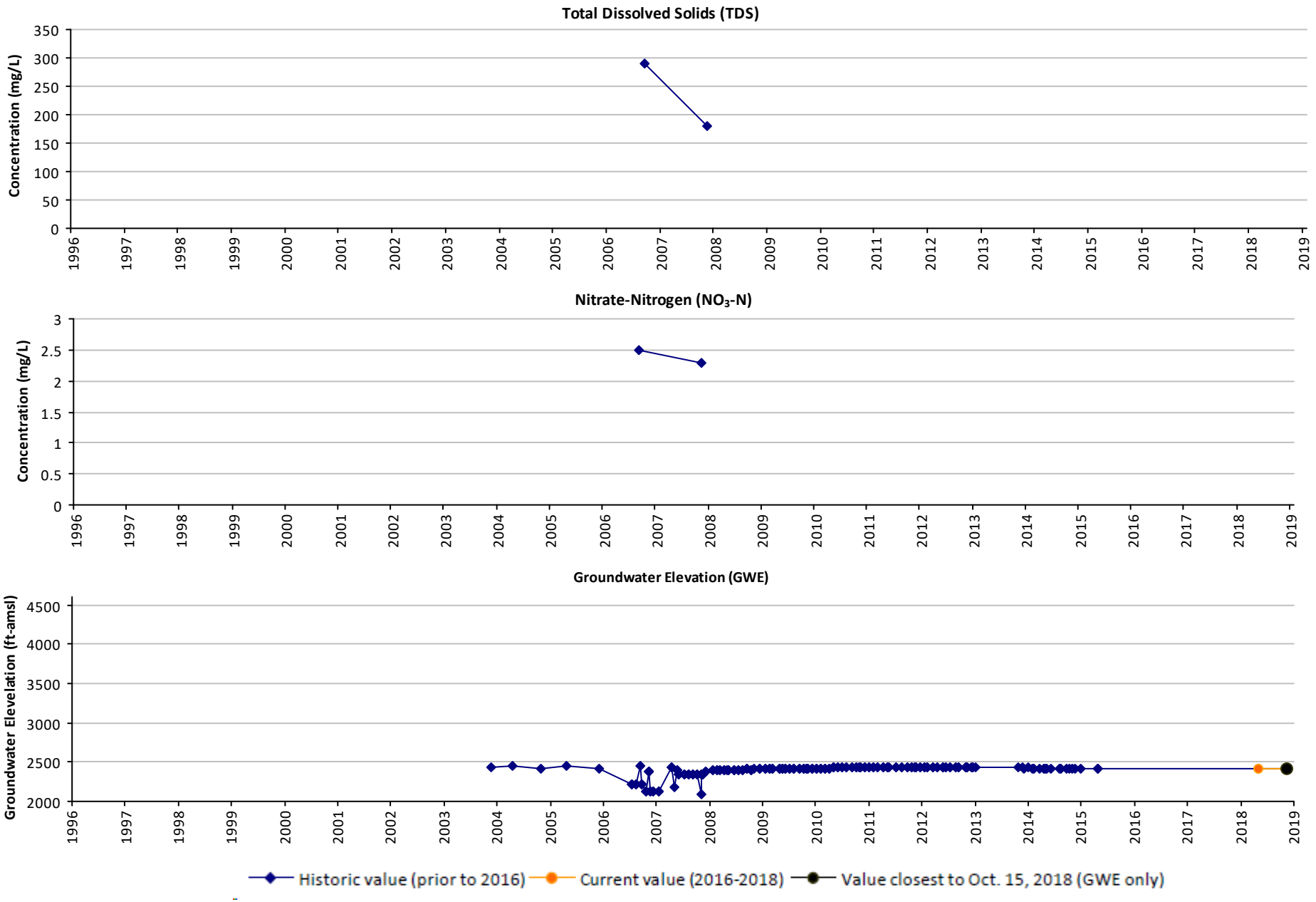

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

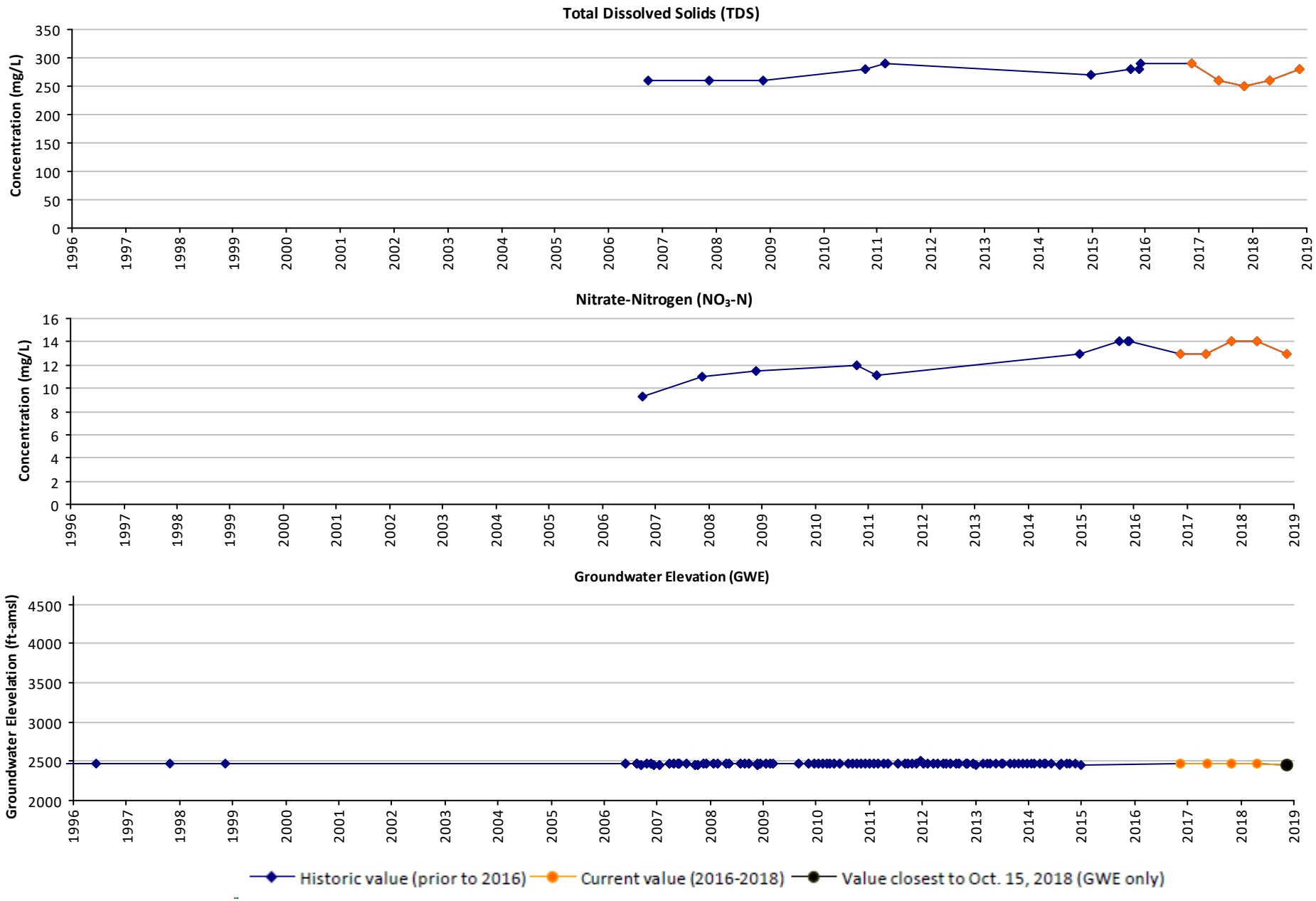

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

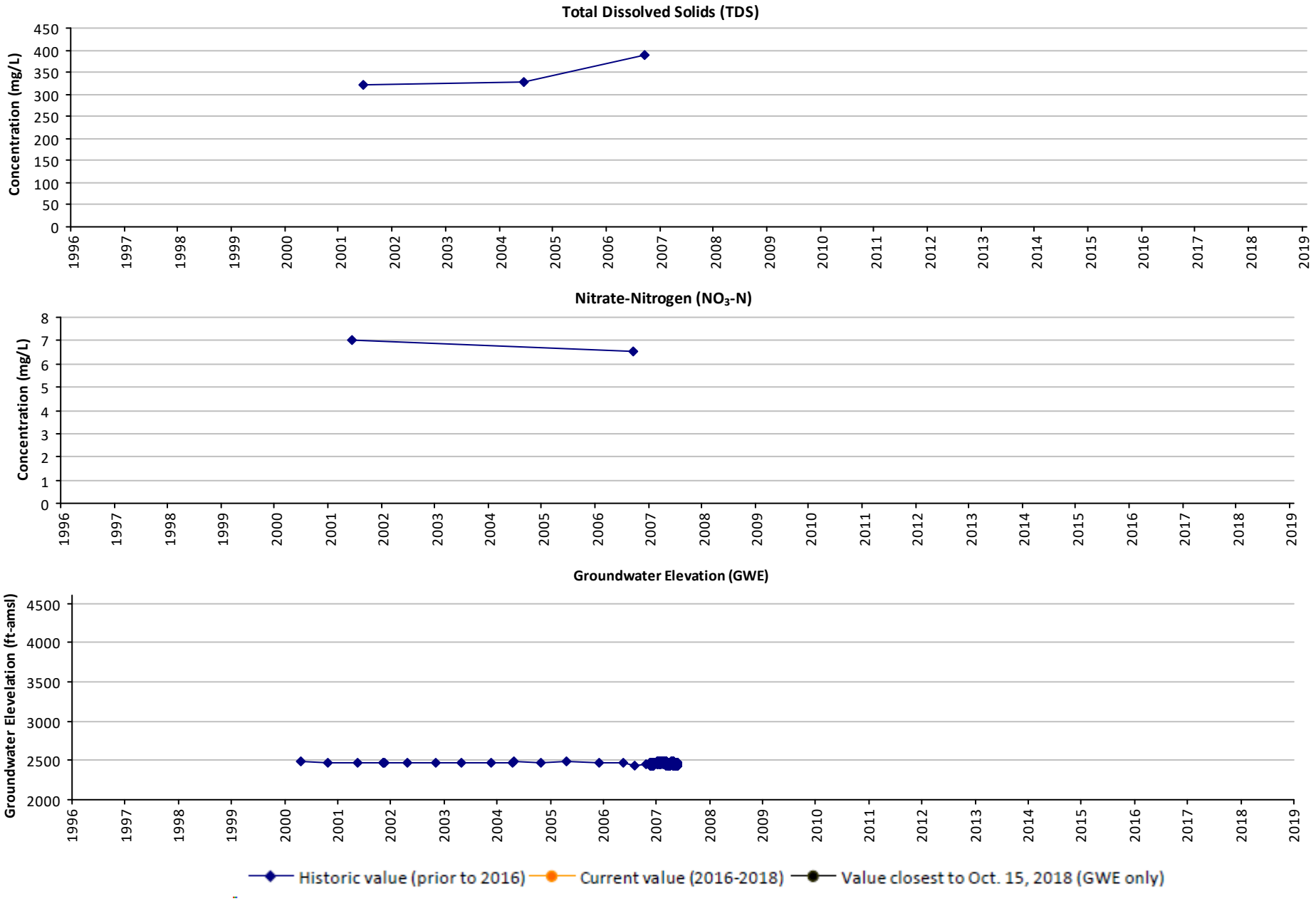

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

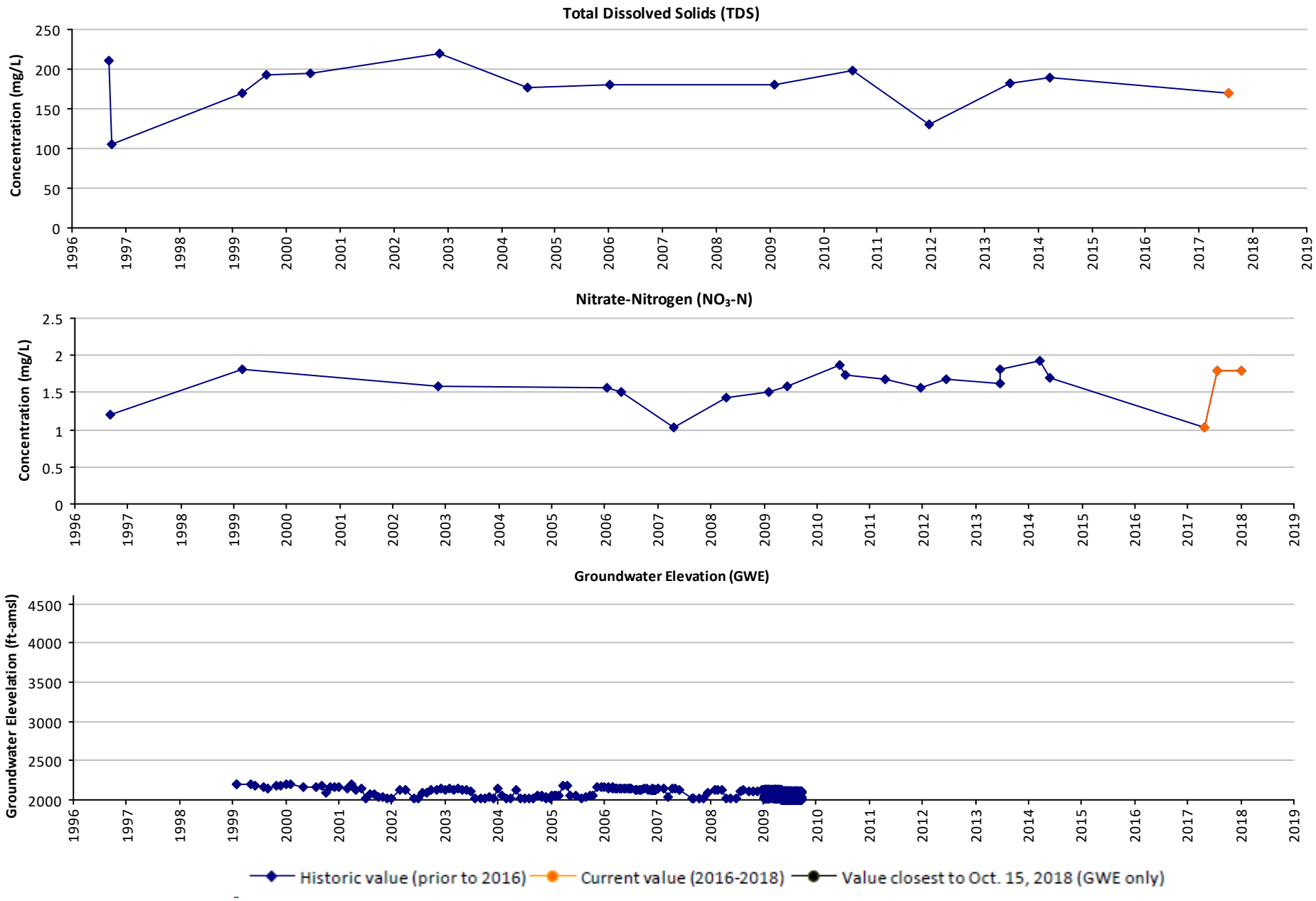

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

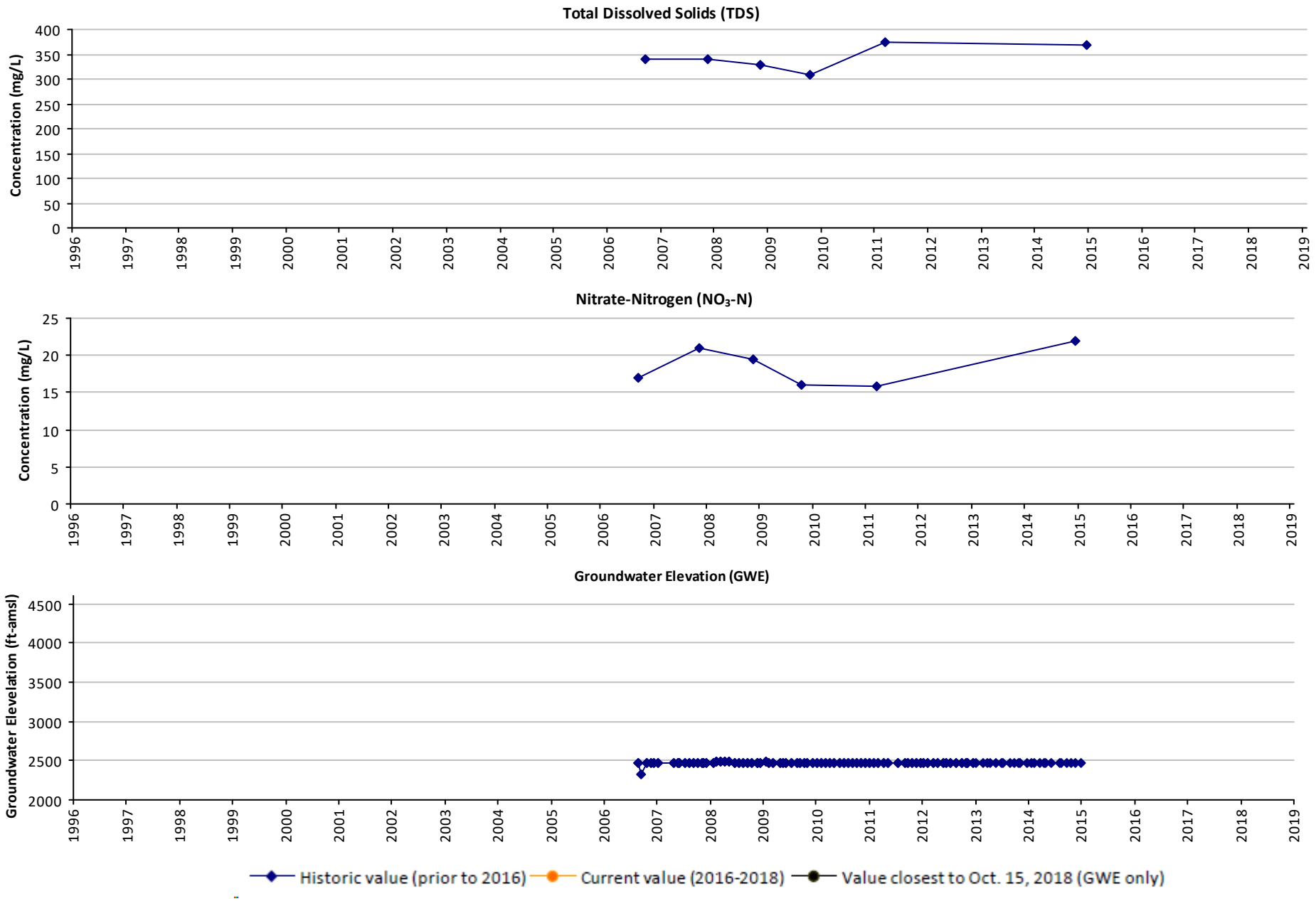

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

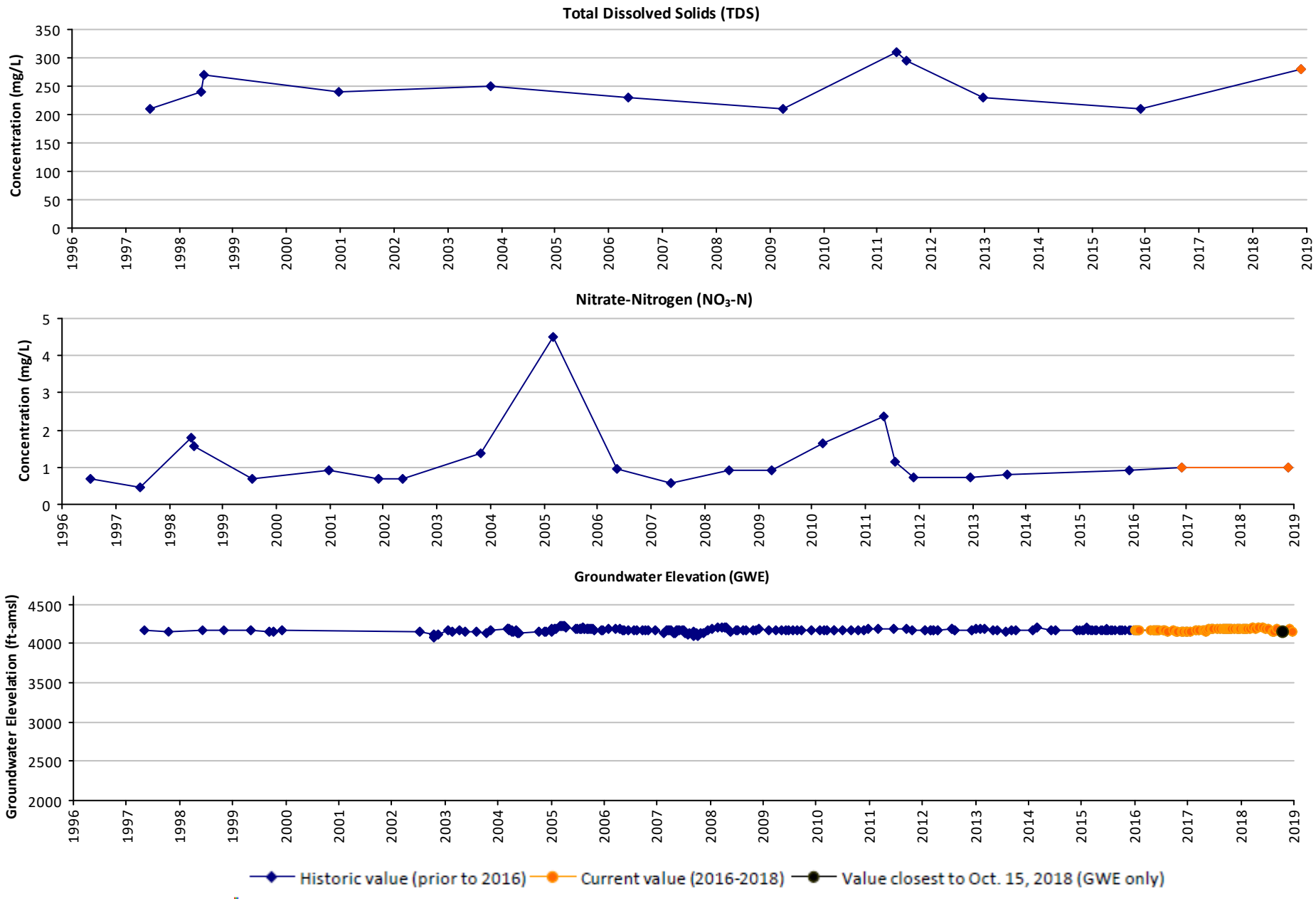

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

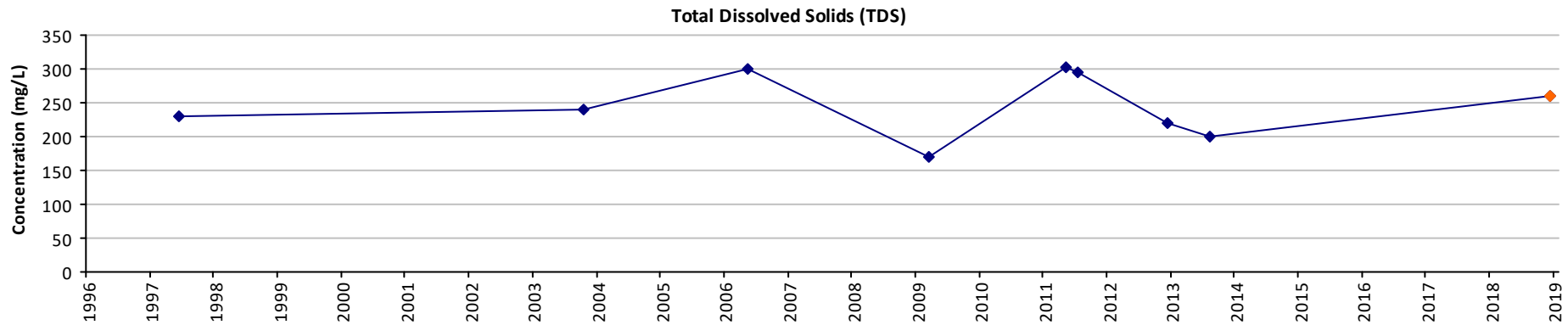

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
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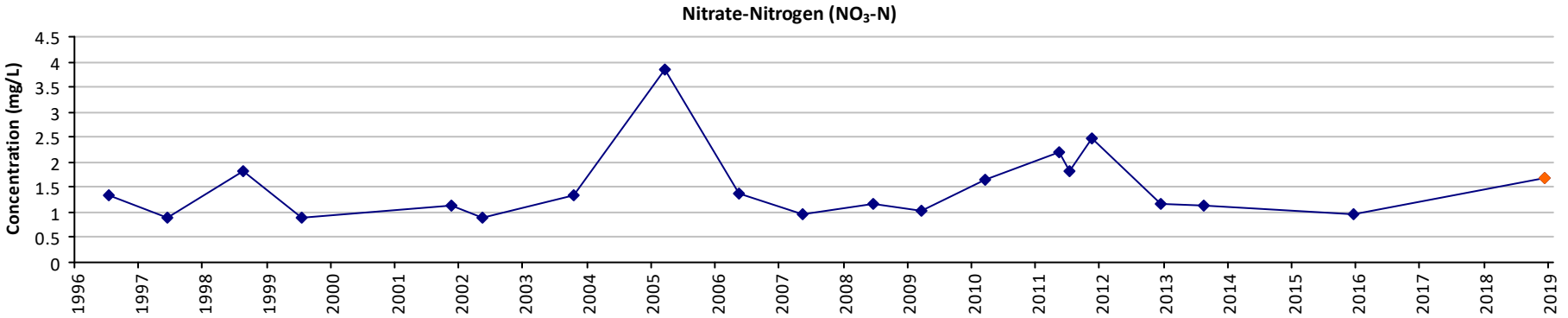
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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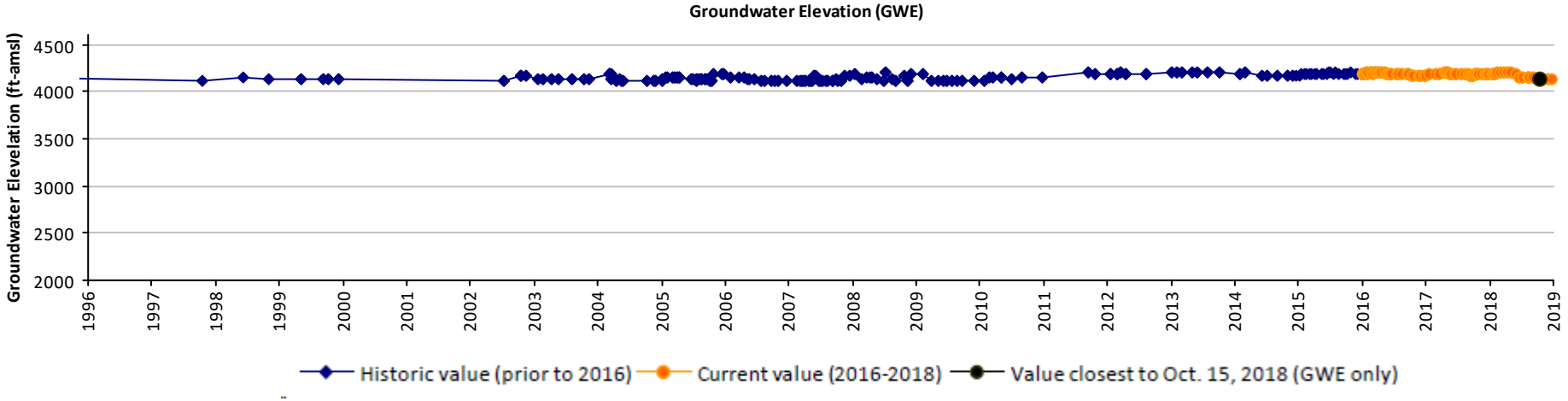
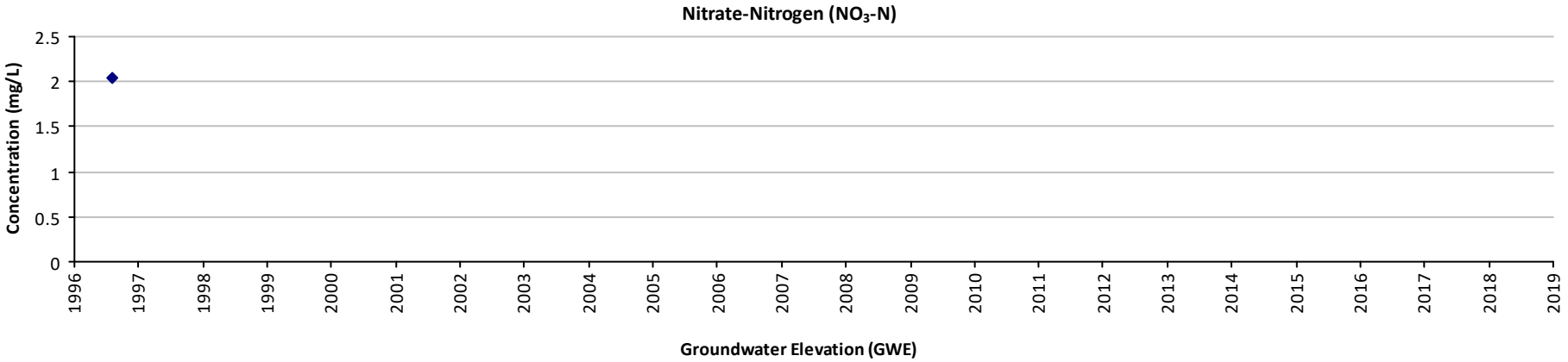
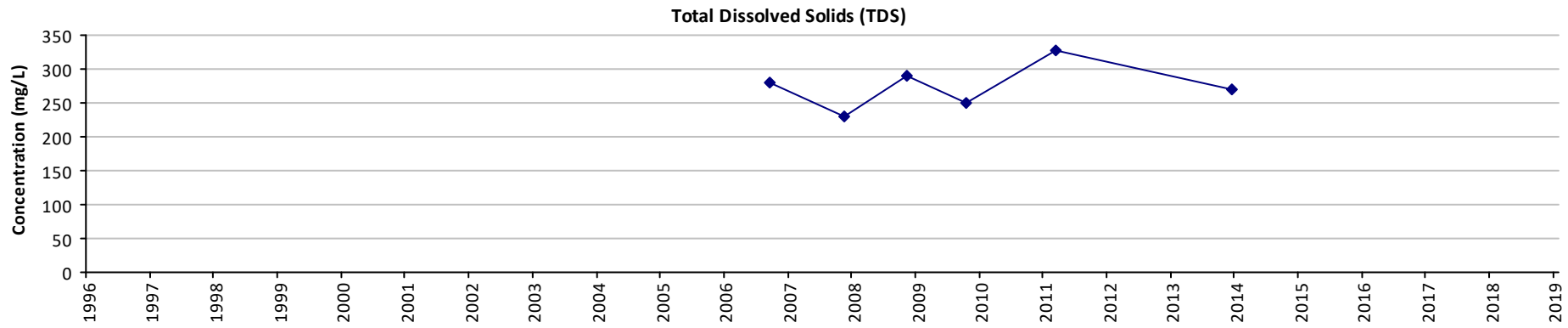
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
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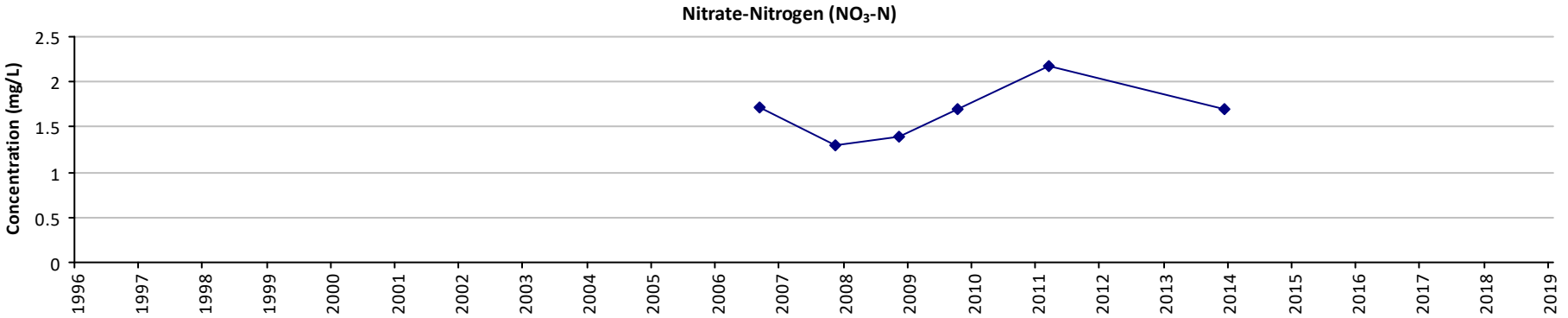
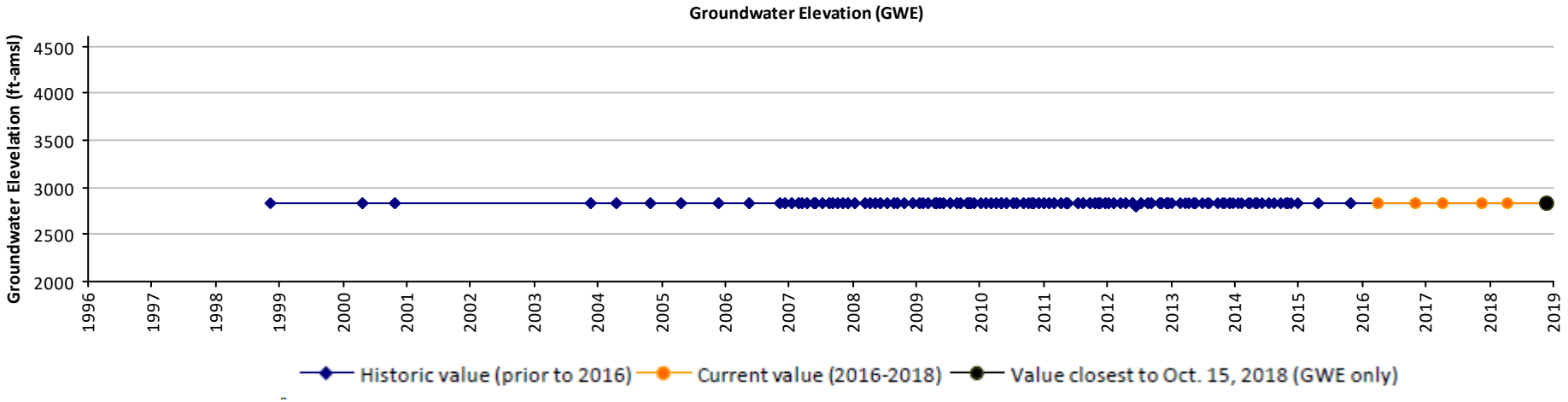
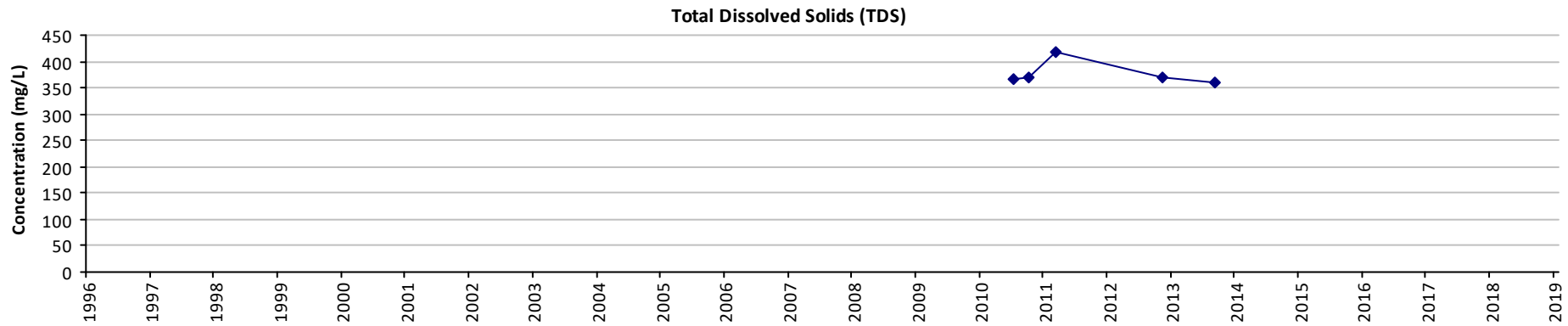
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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2010
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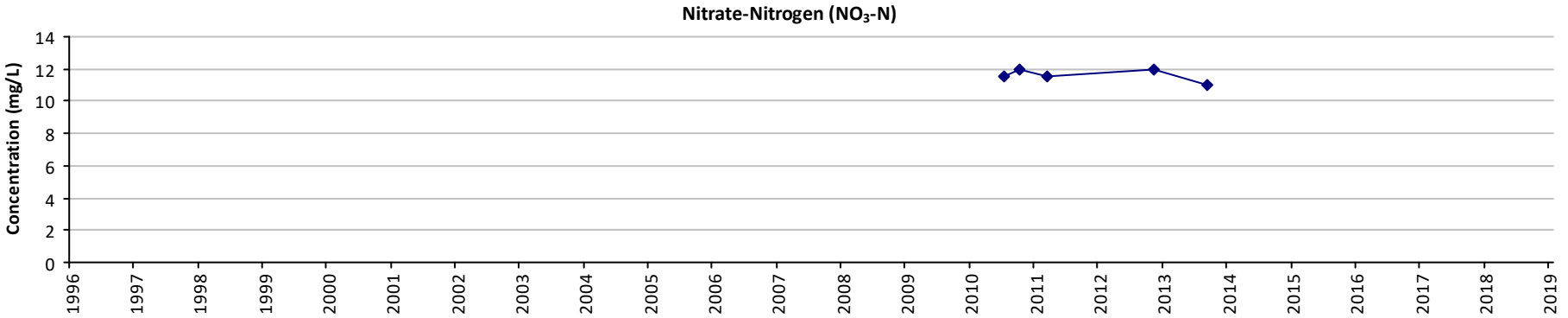
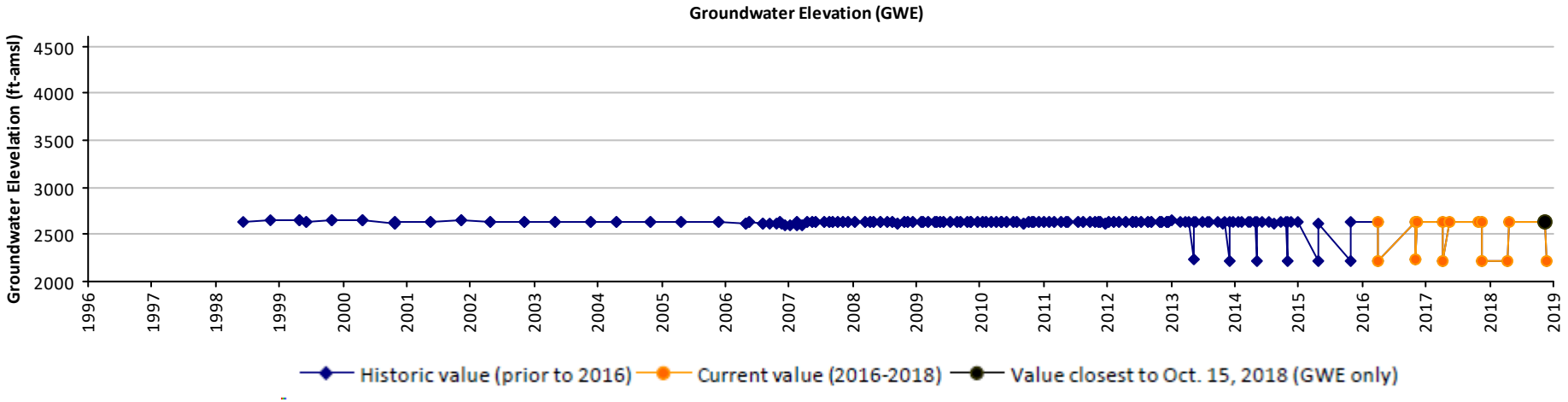
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
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2004
2005
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2008
2009
2010
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2014
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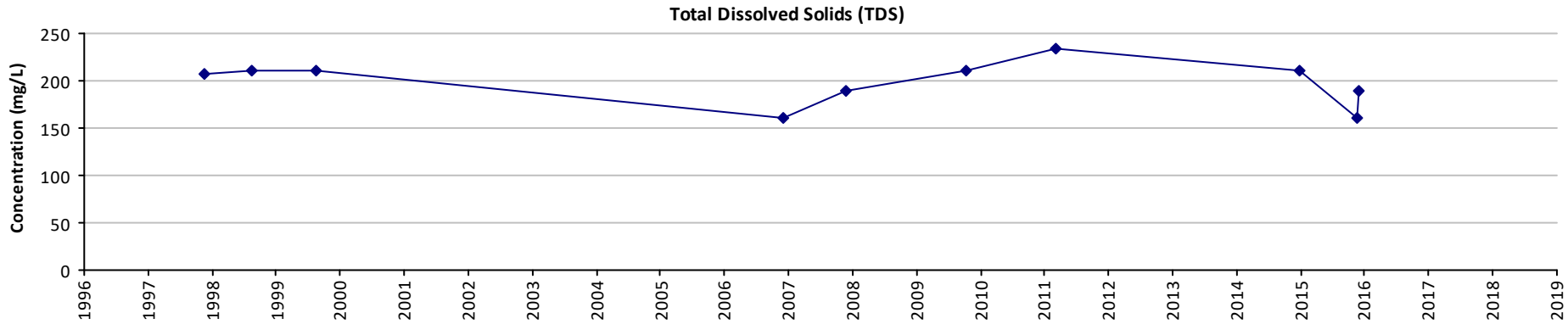
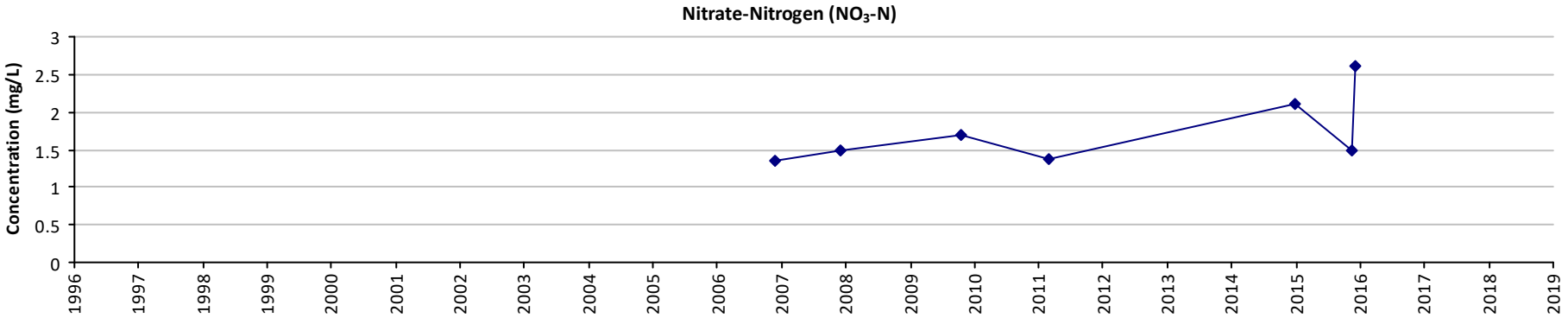
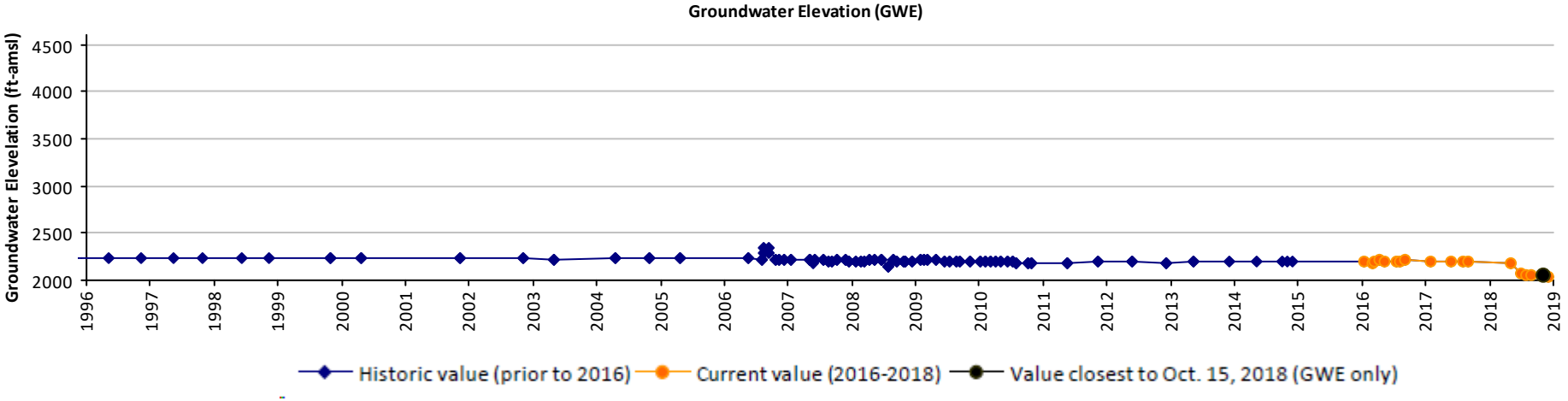
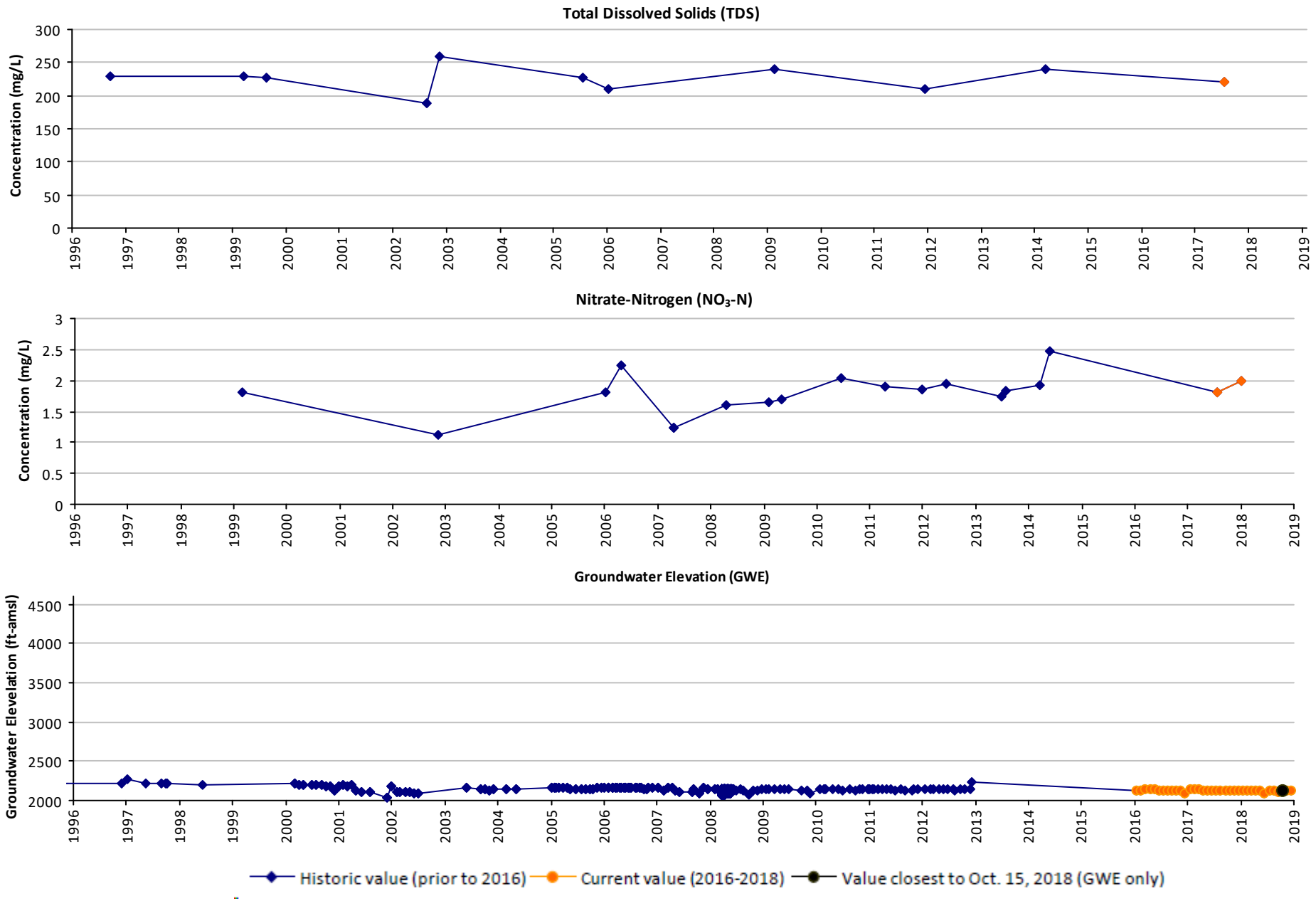
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

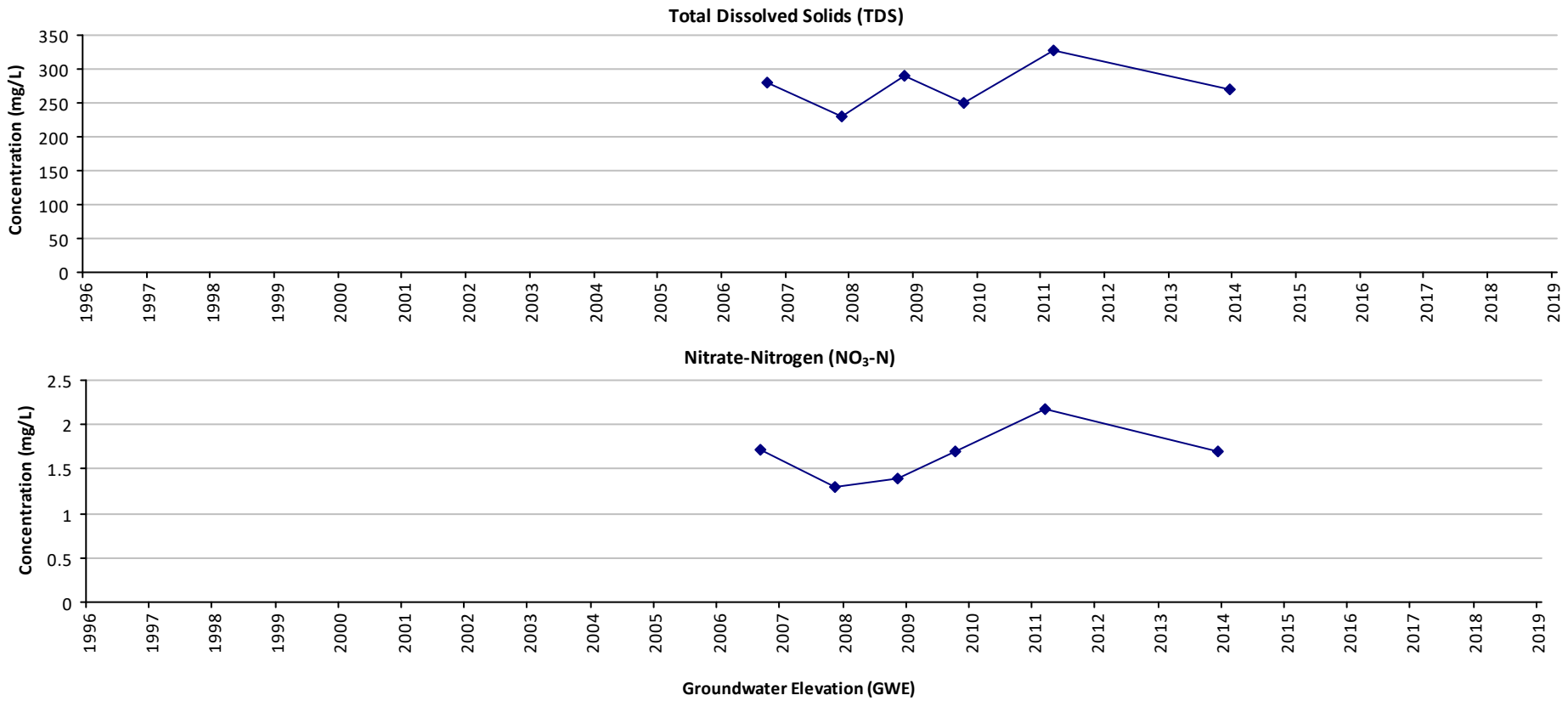

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

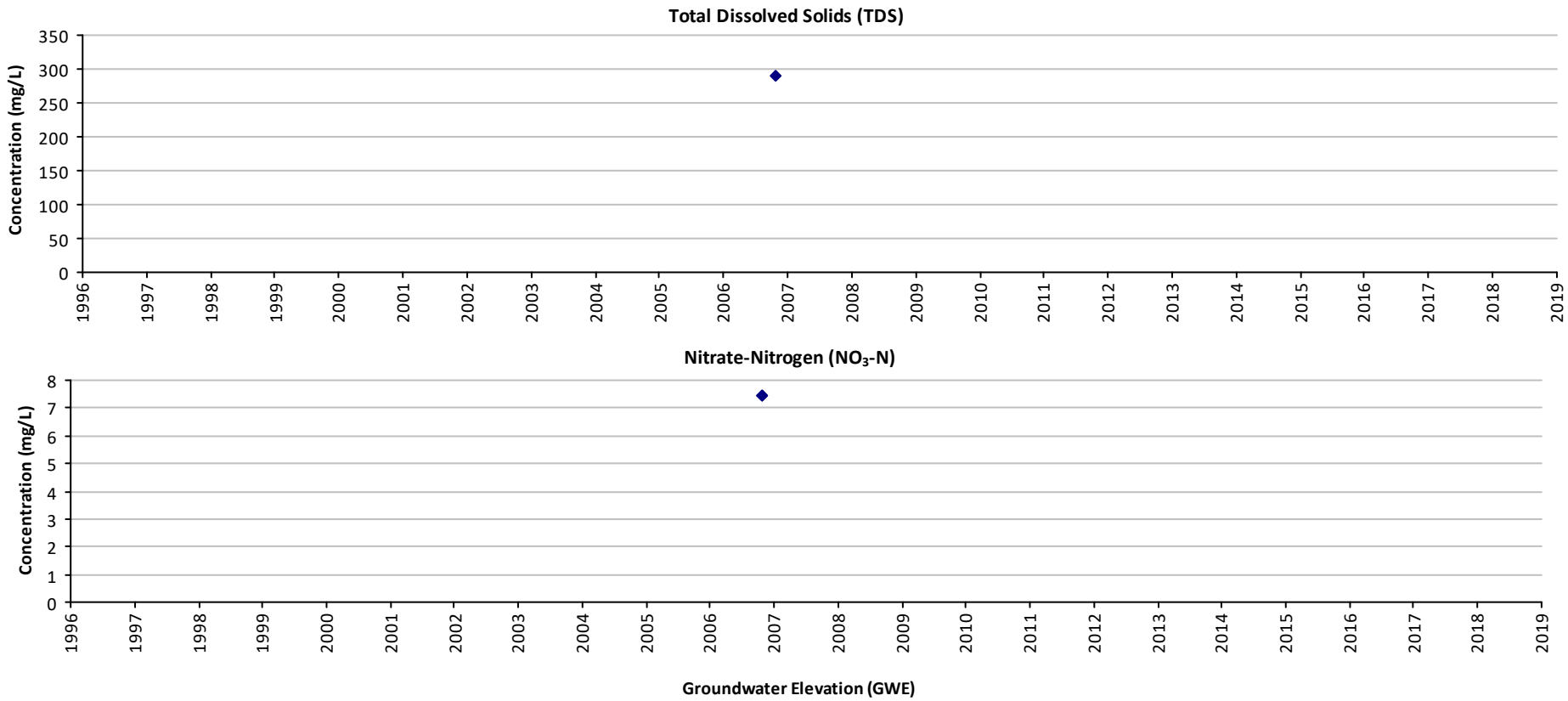

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

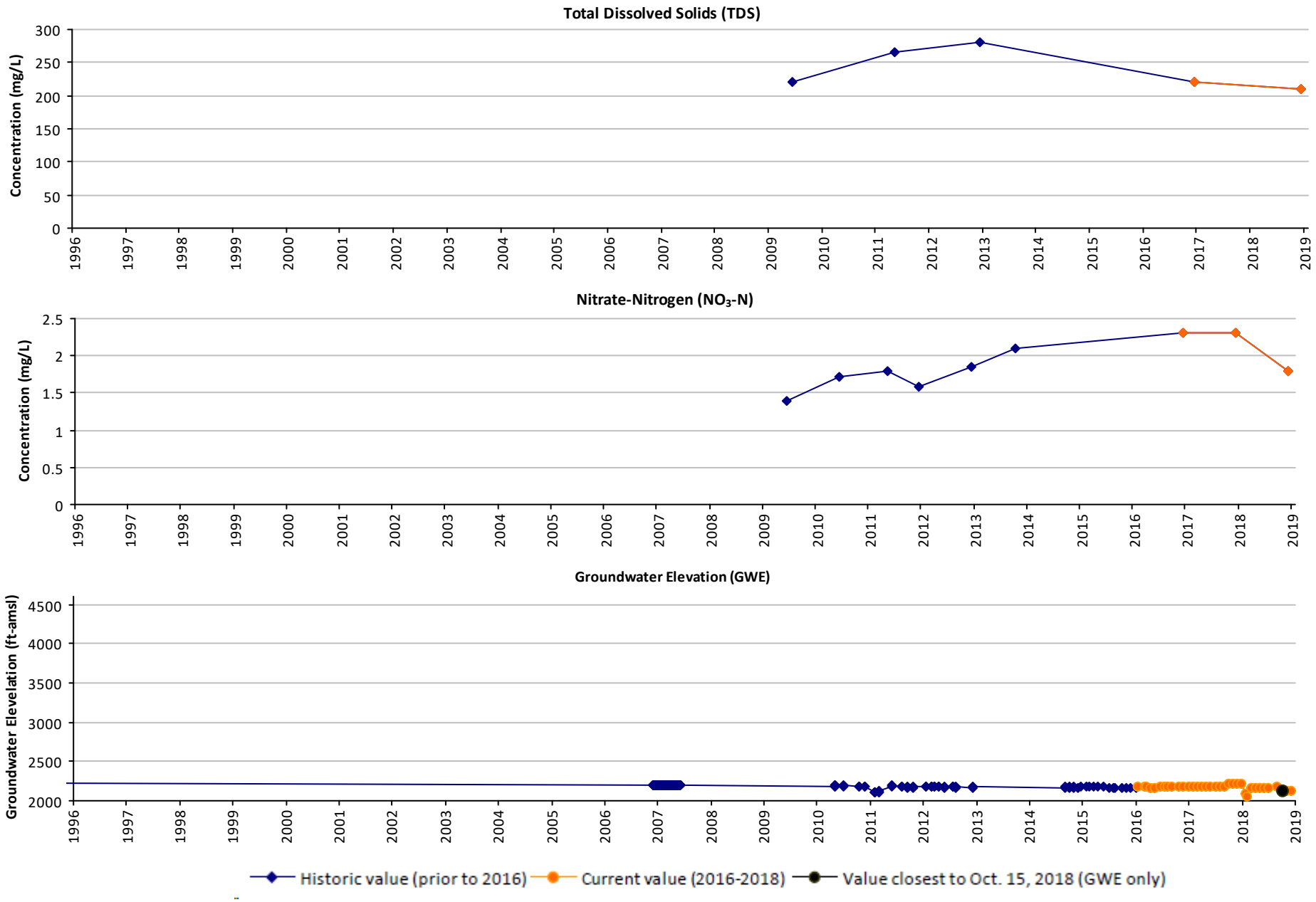

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

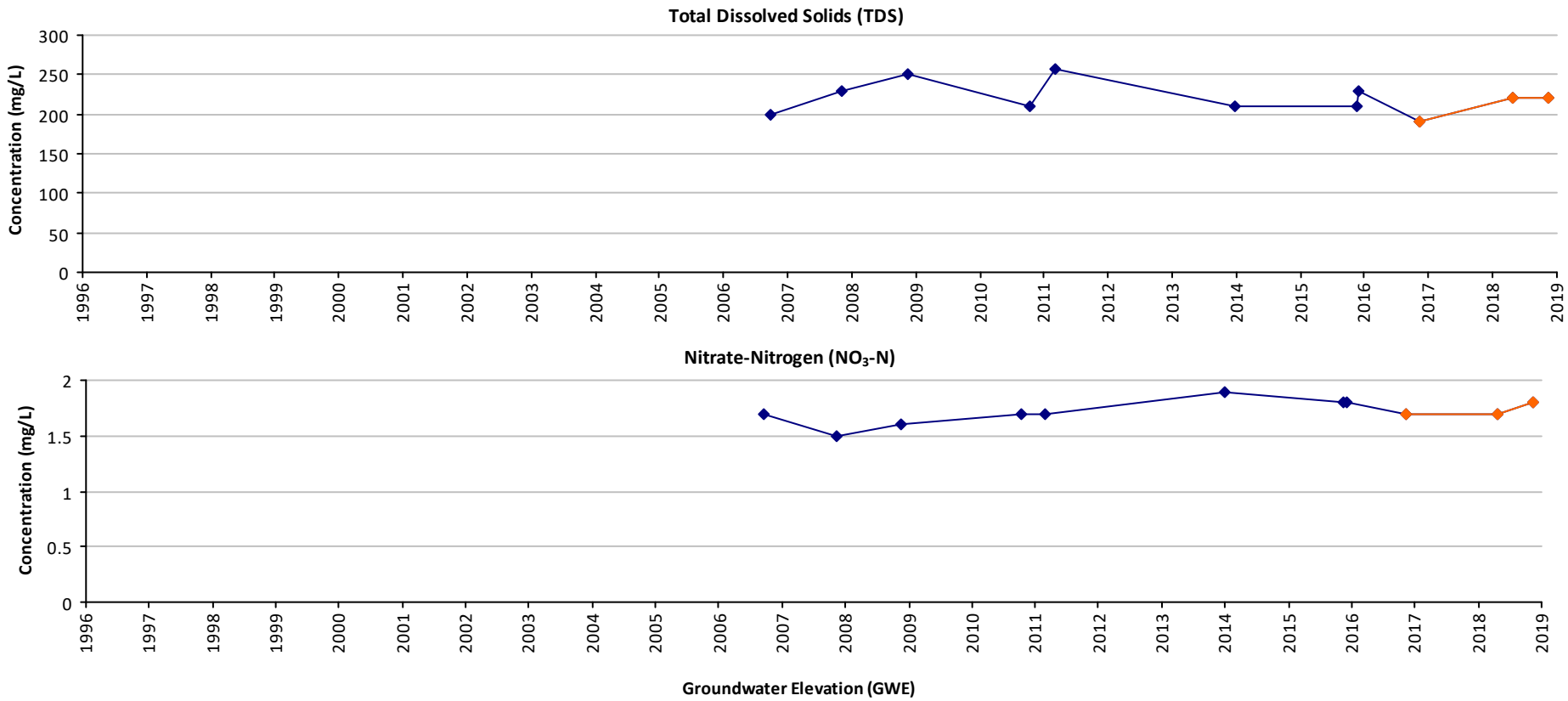
Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

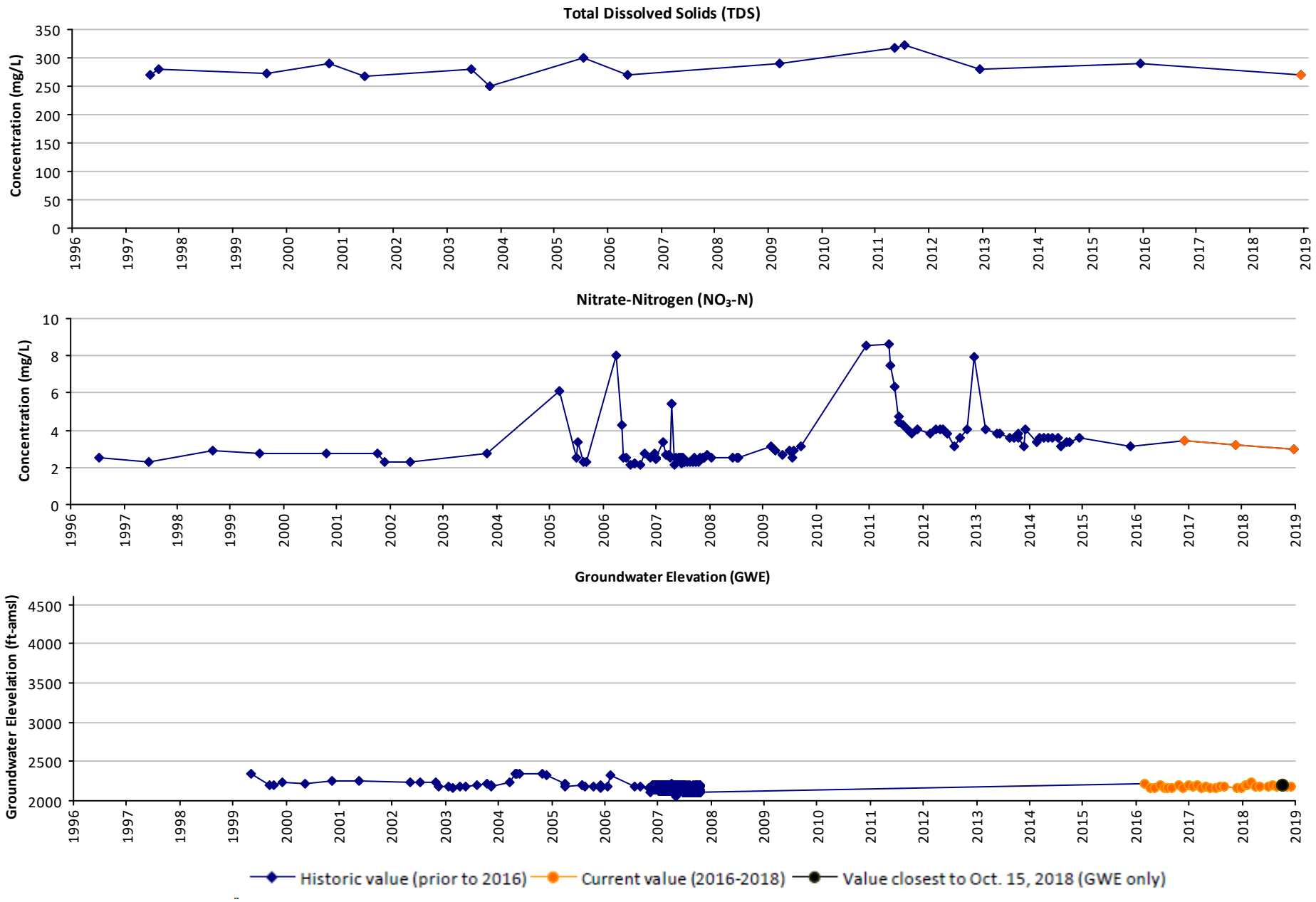
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

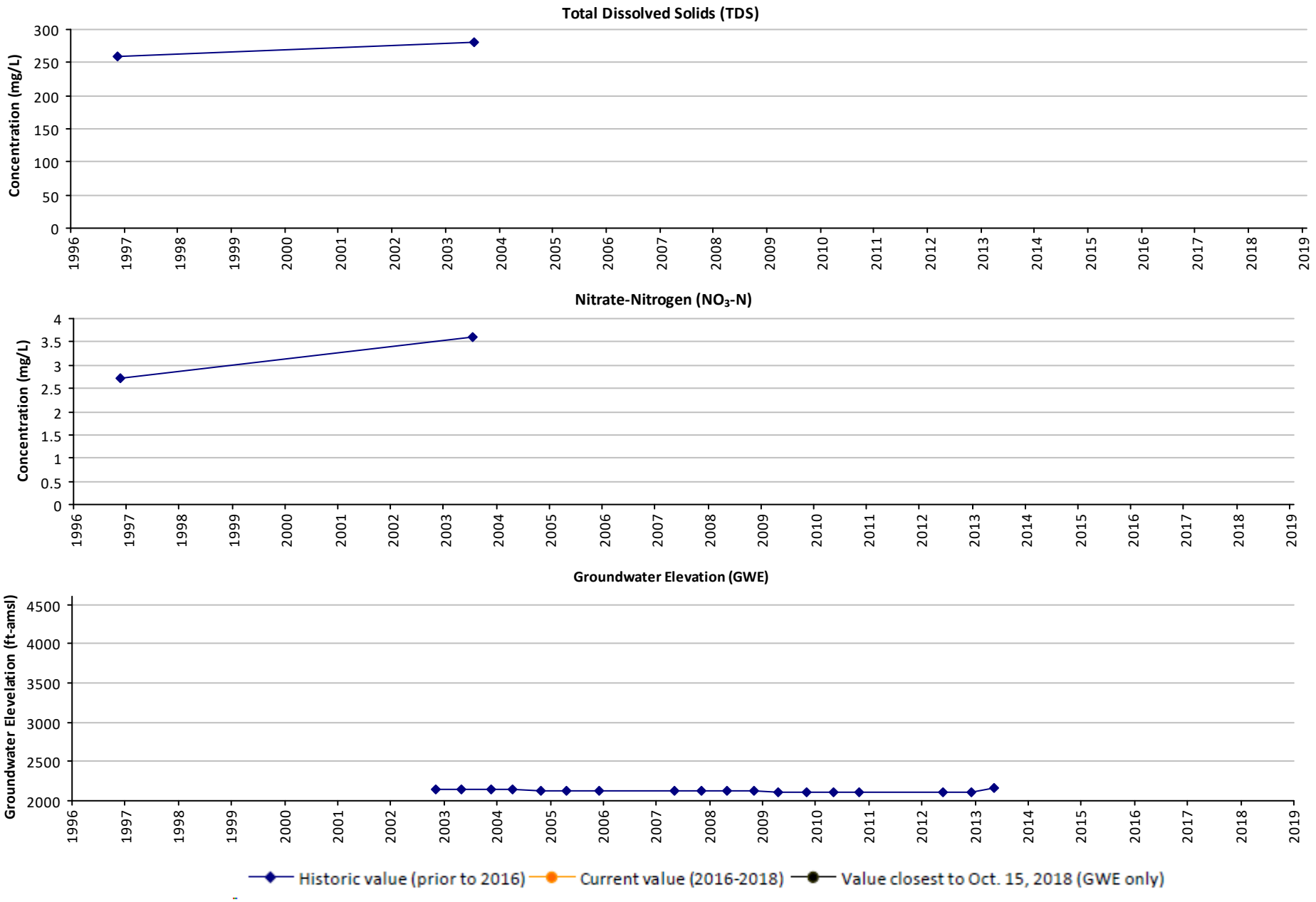

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

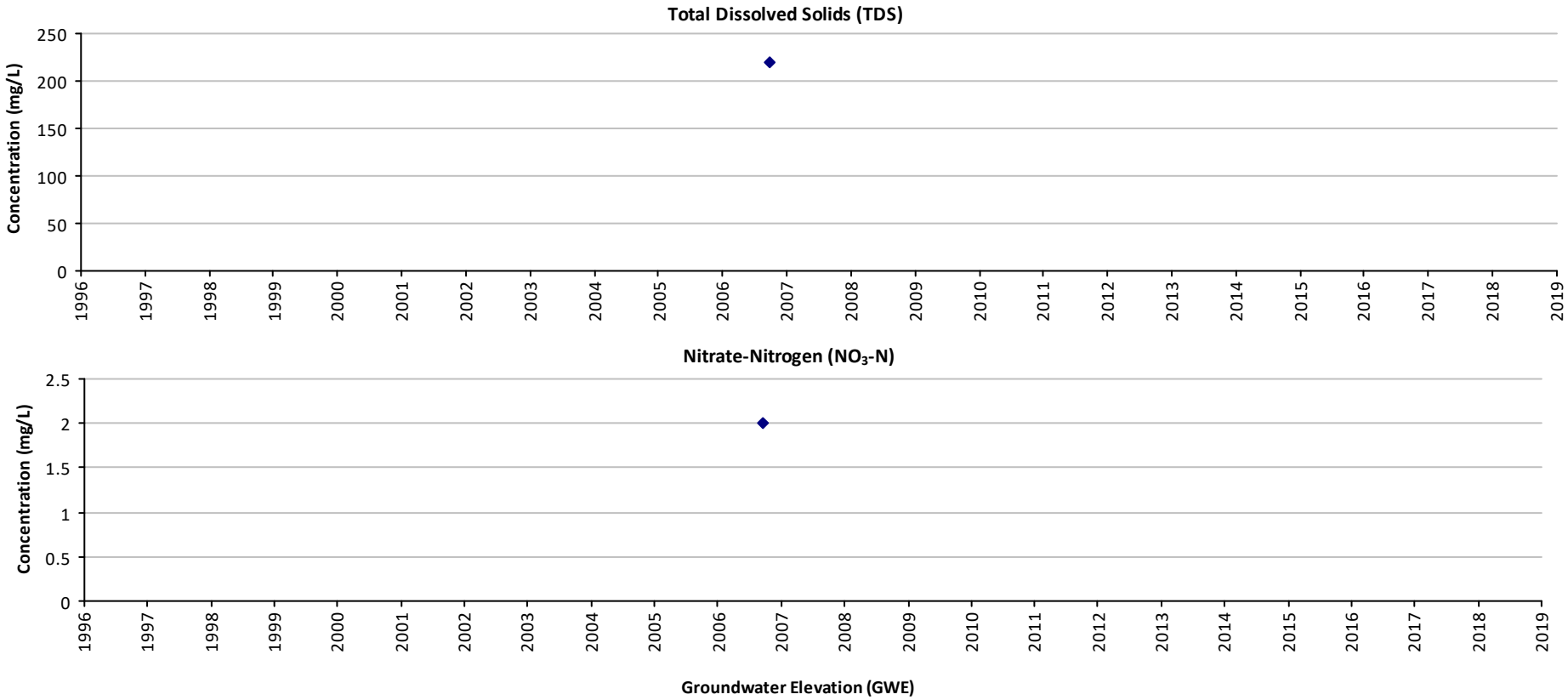

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

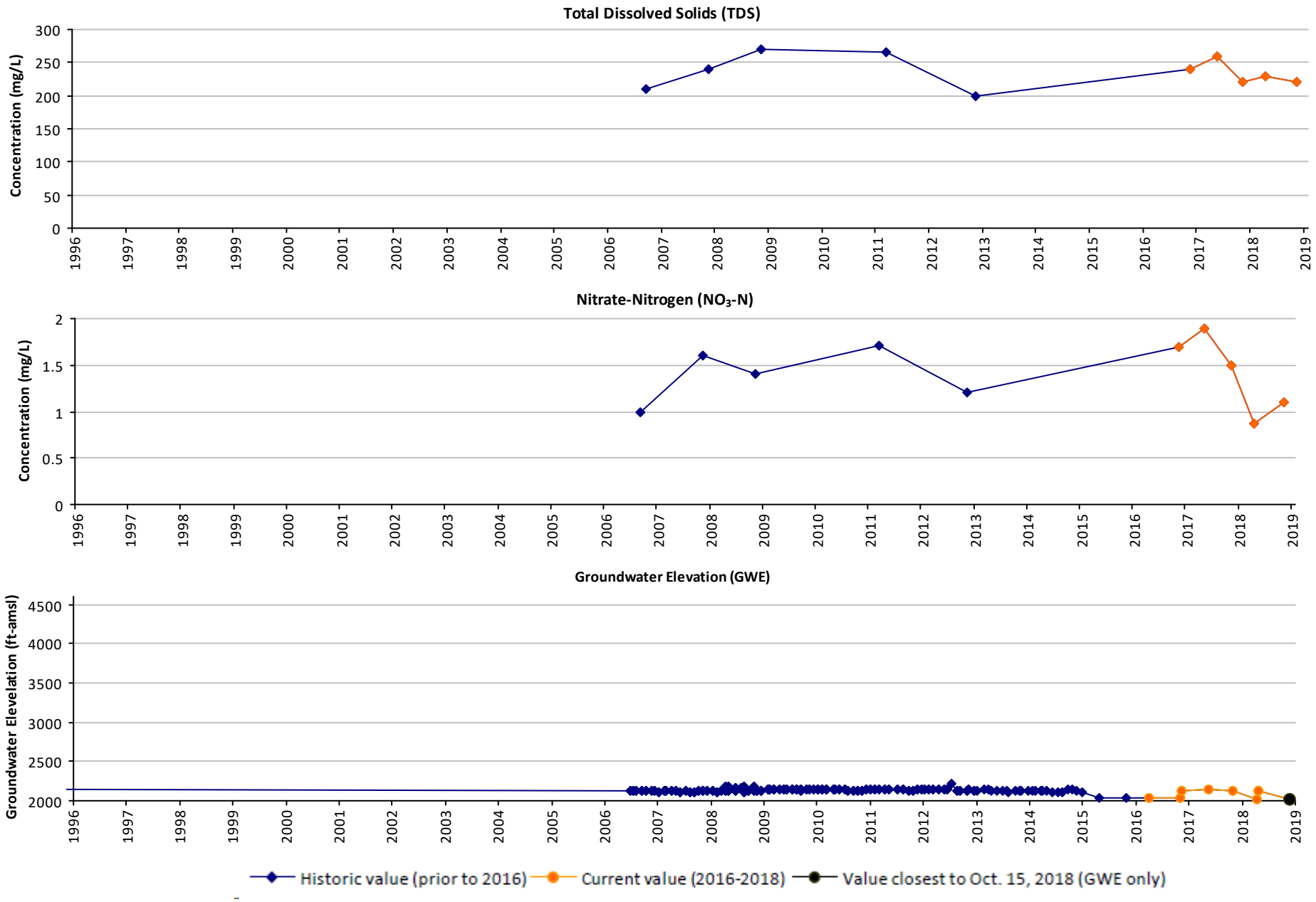

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

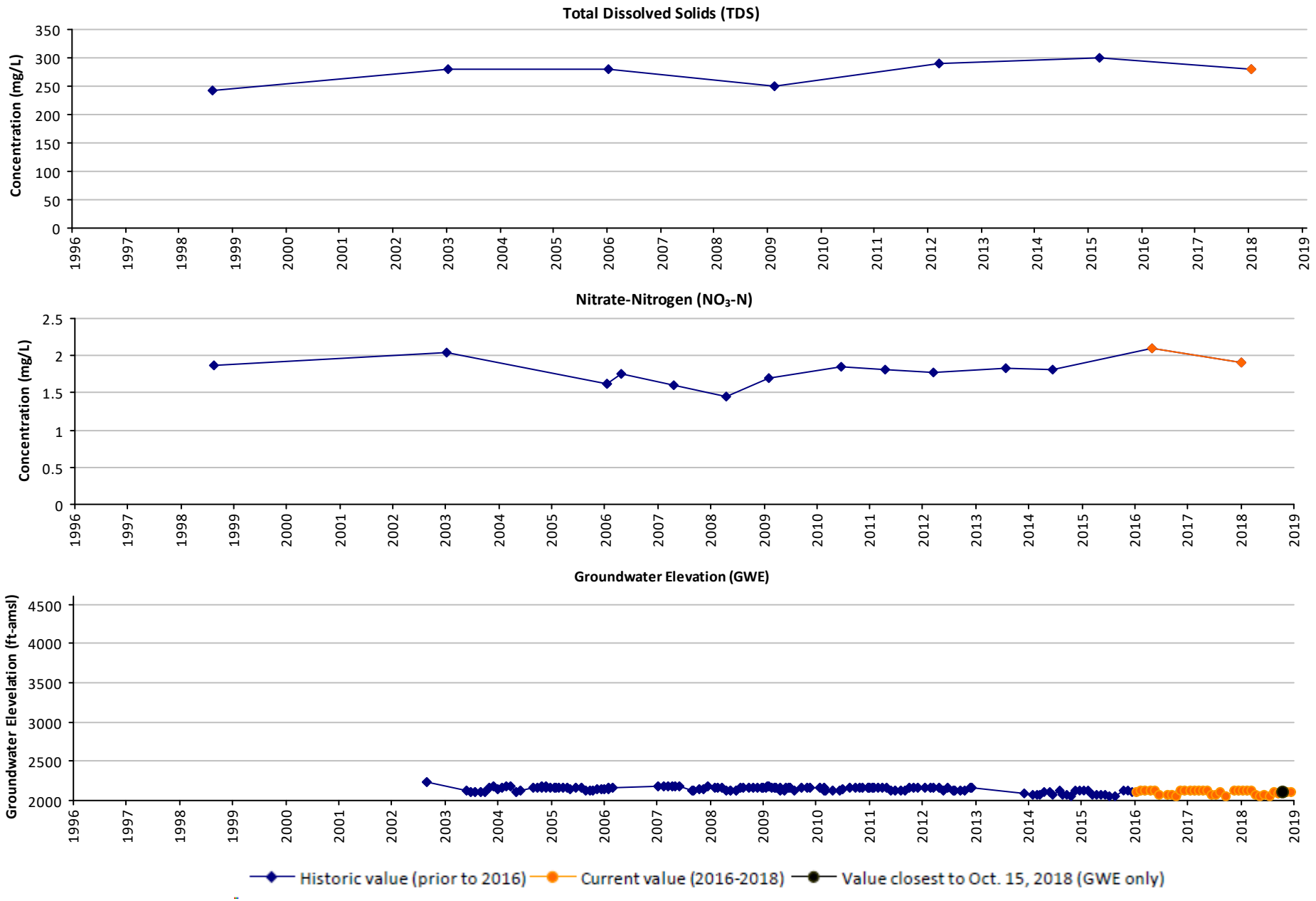

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

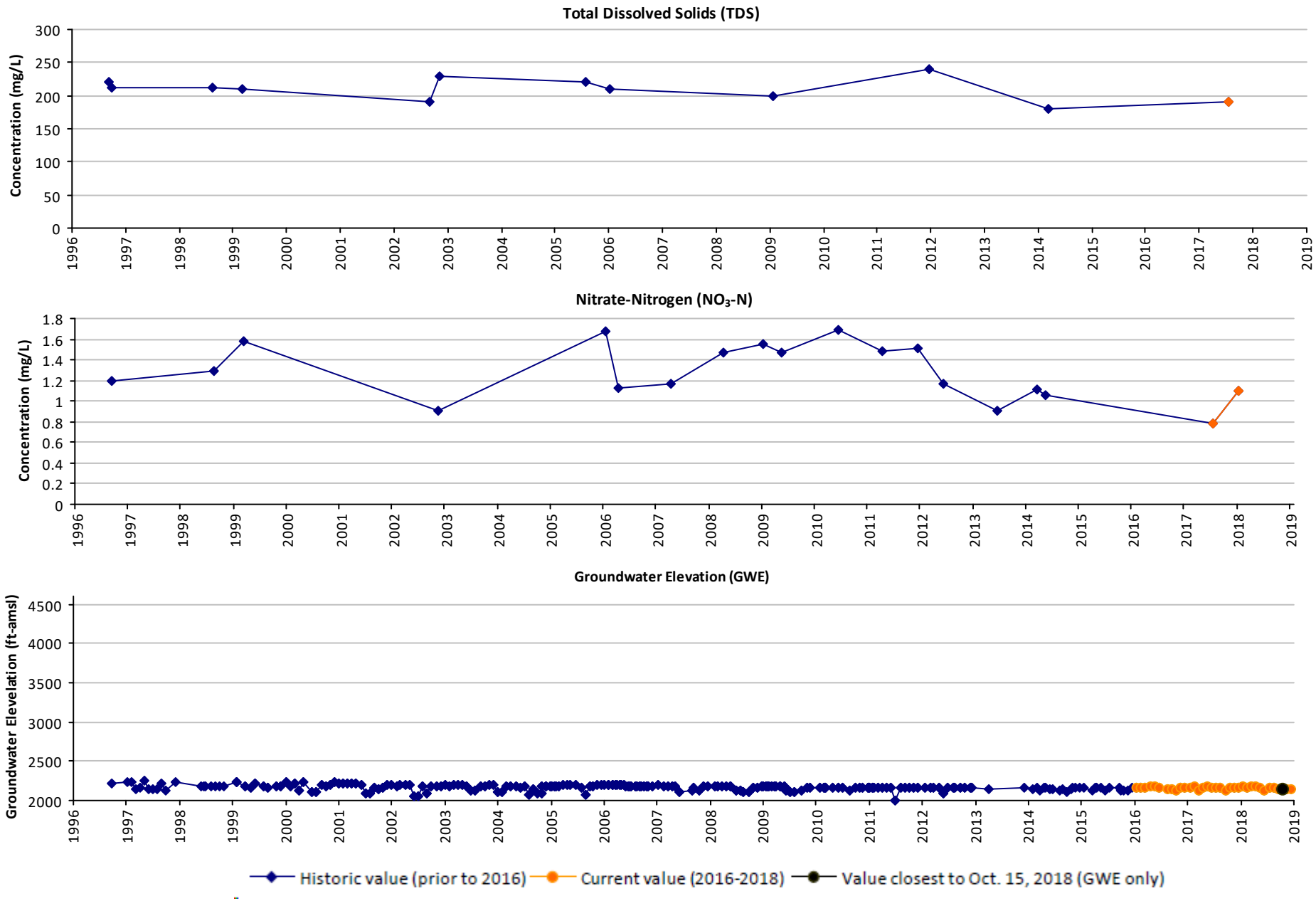

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

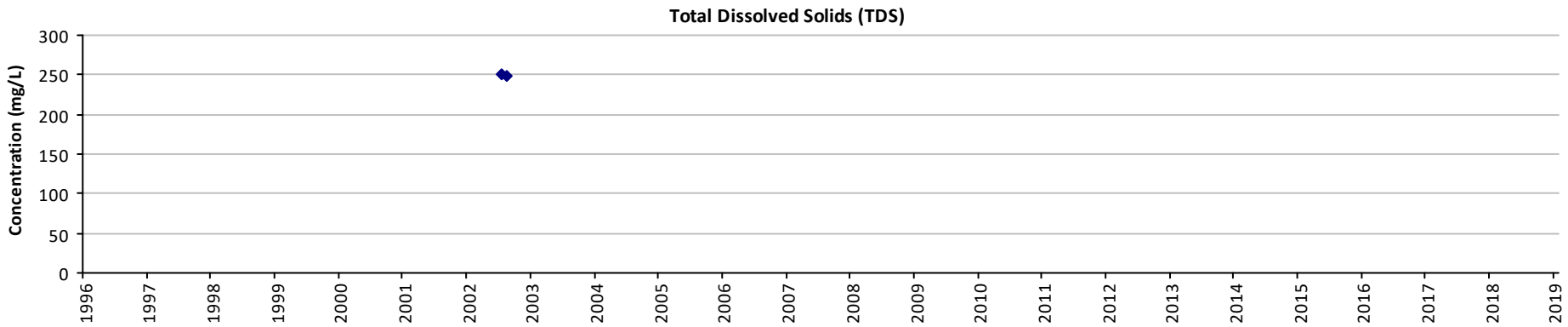

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
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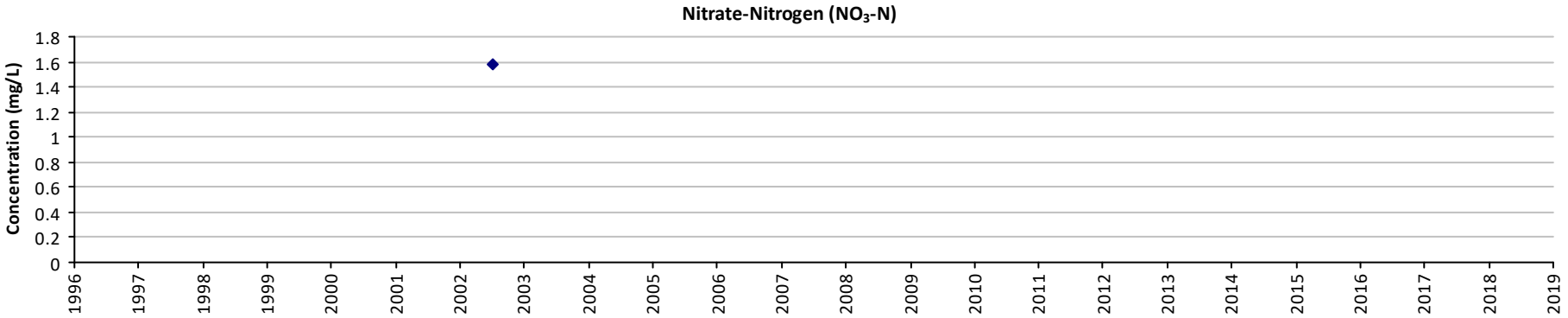
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2016
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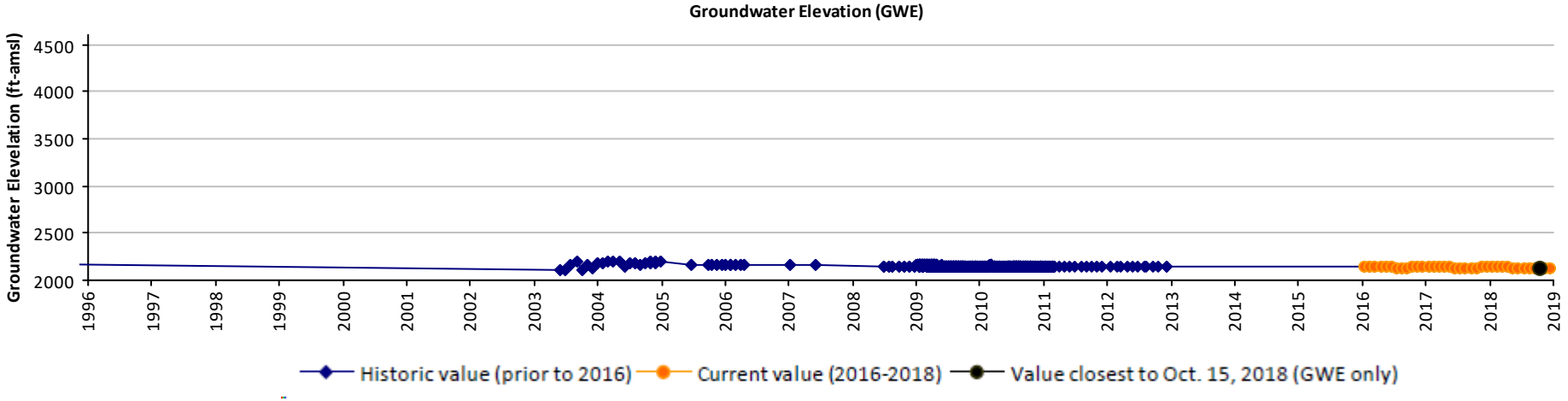
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
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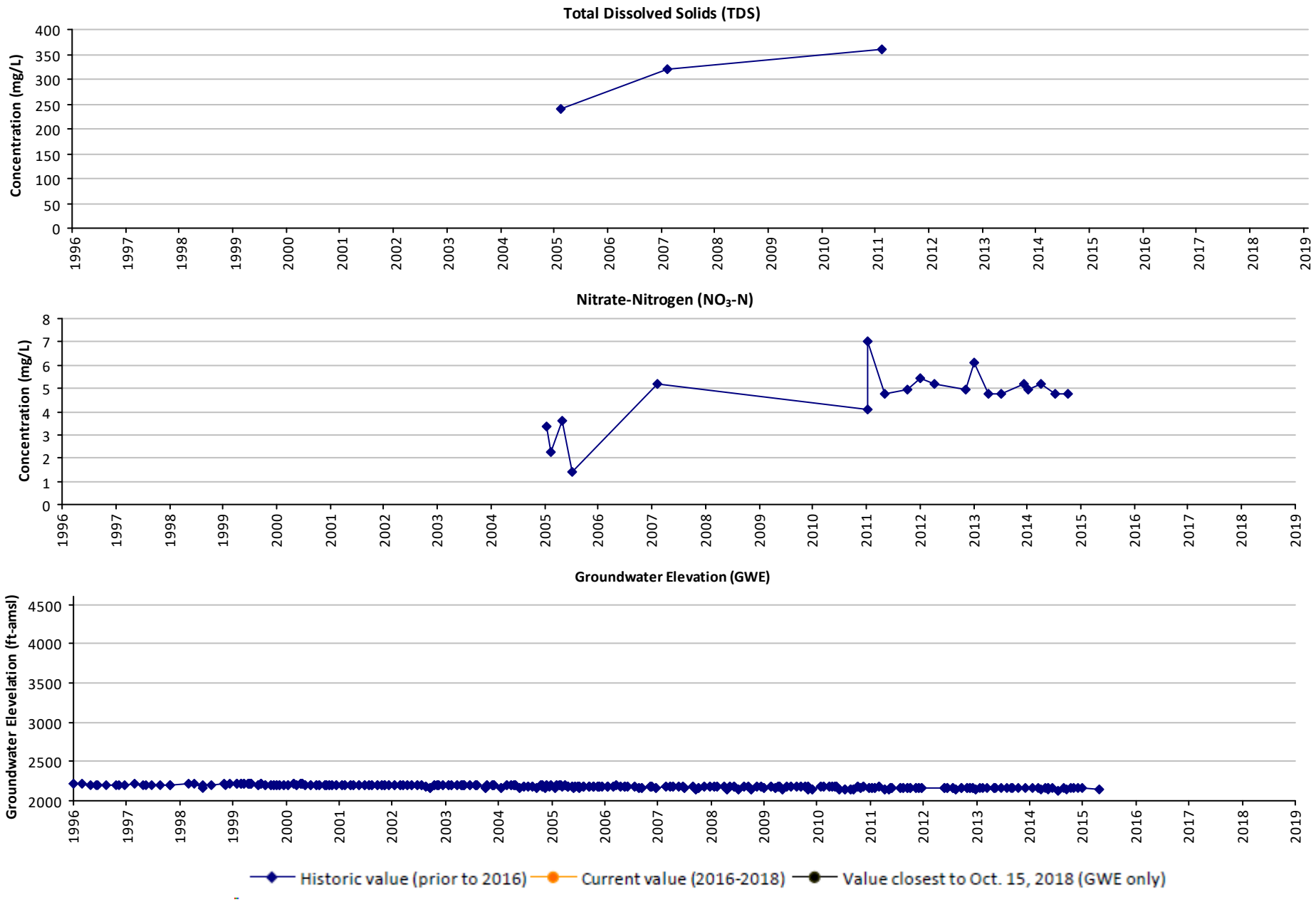
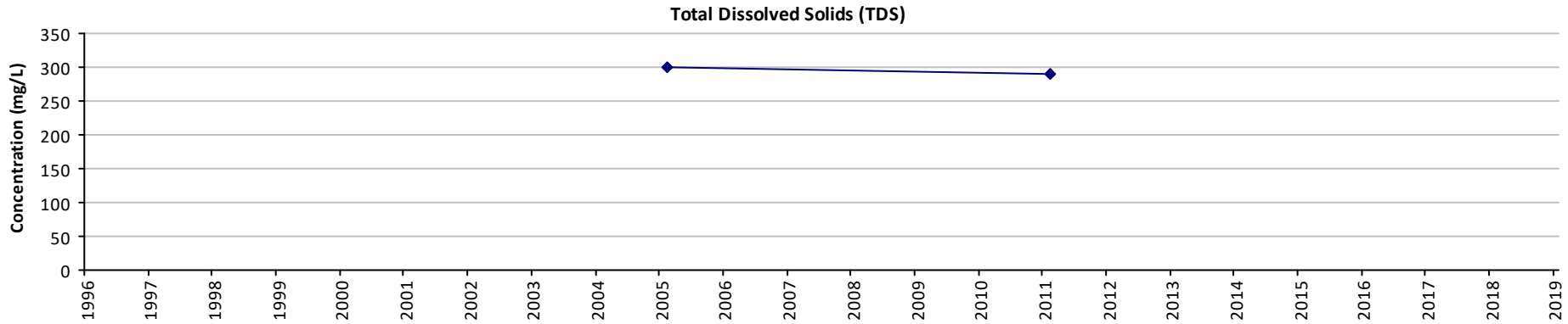
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
2009
2010
2011
2012
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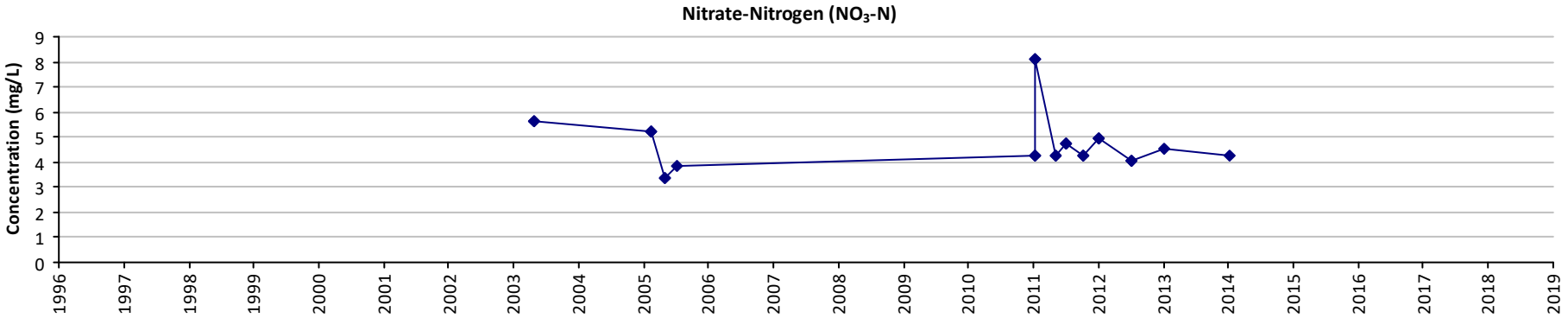
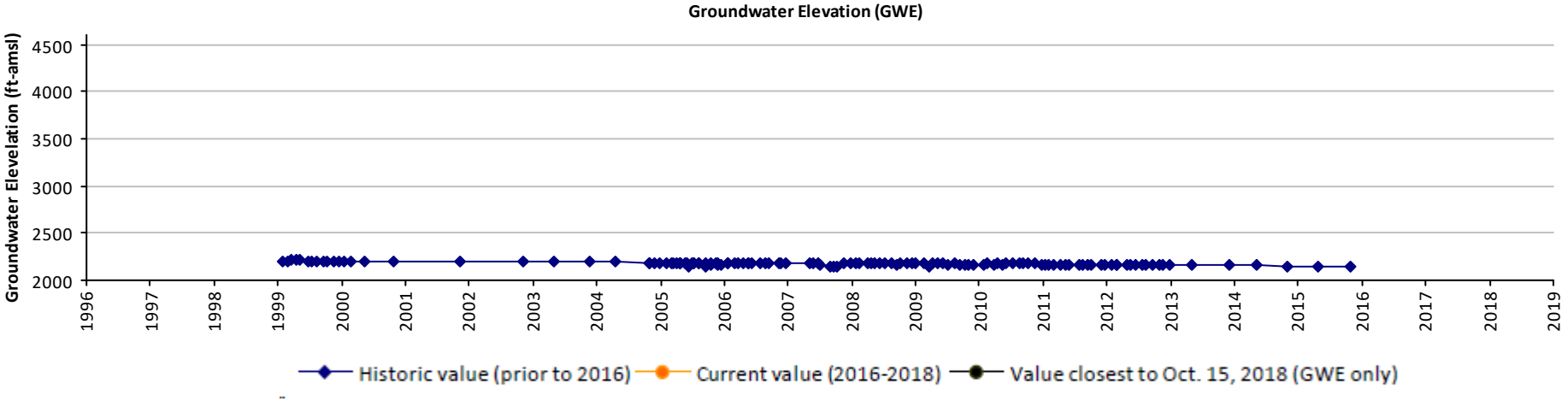
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2011
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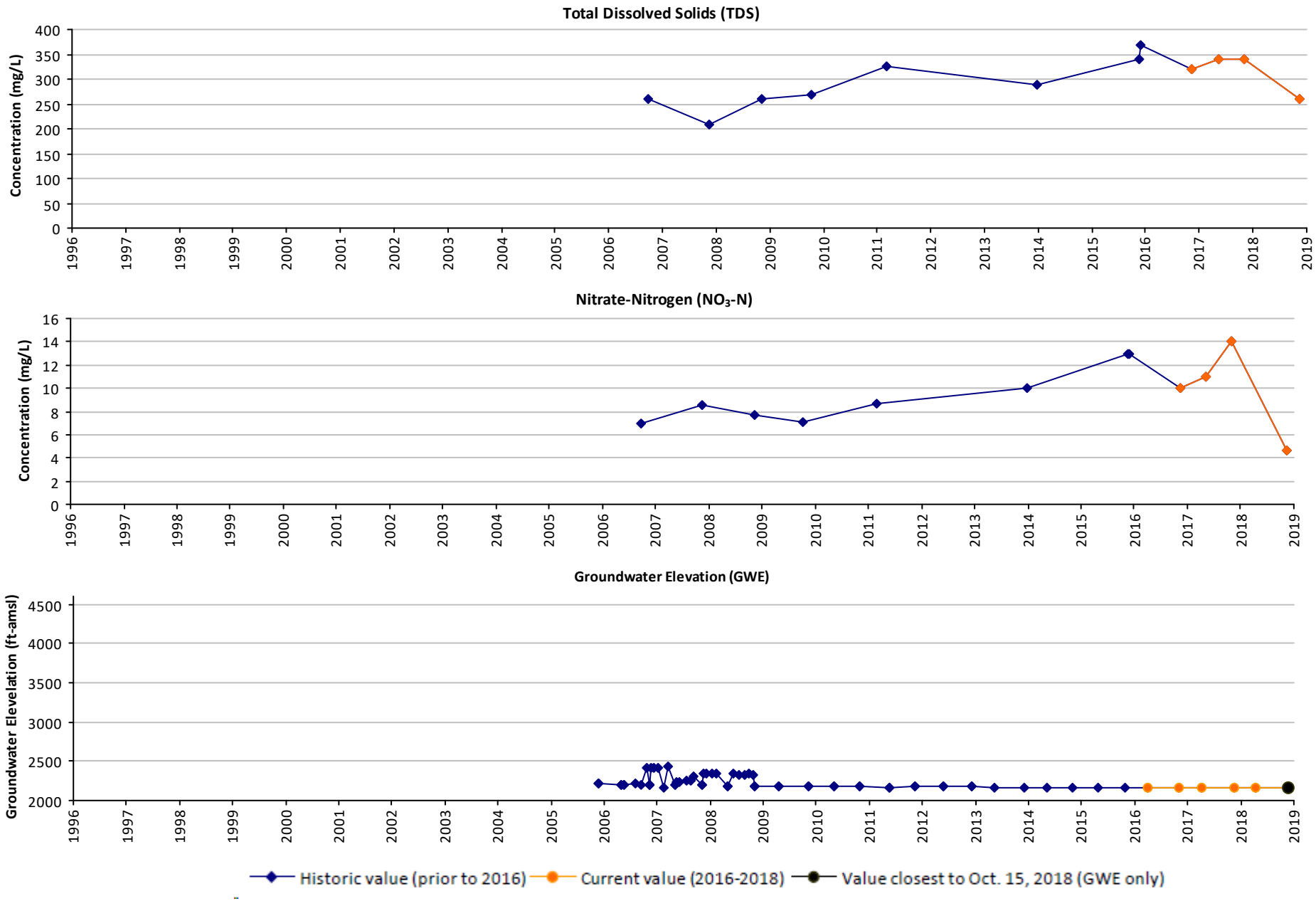
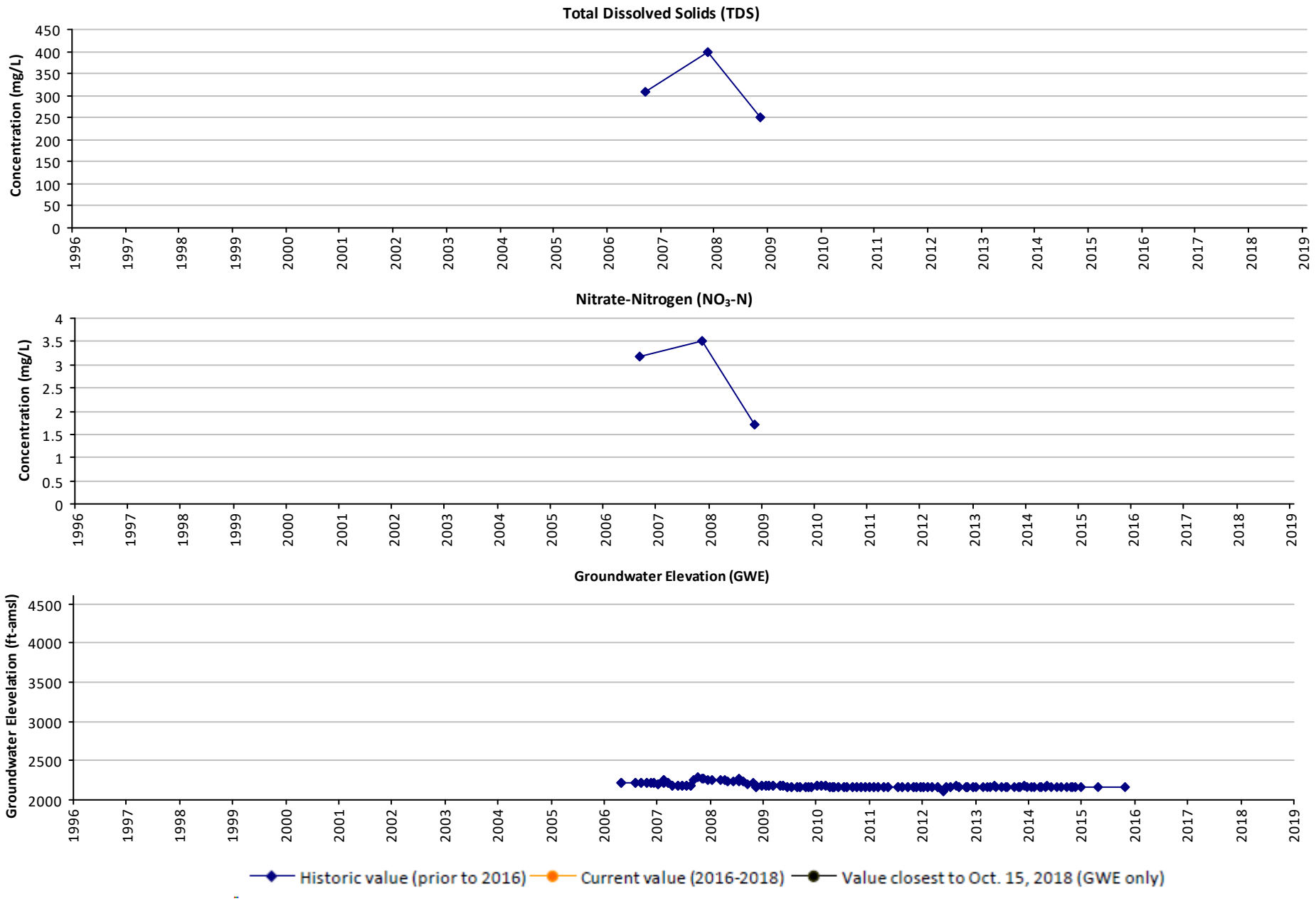
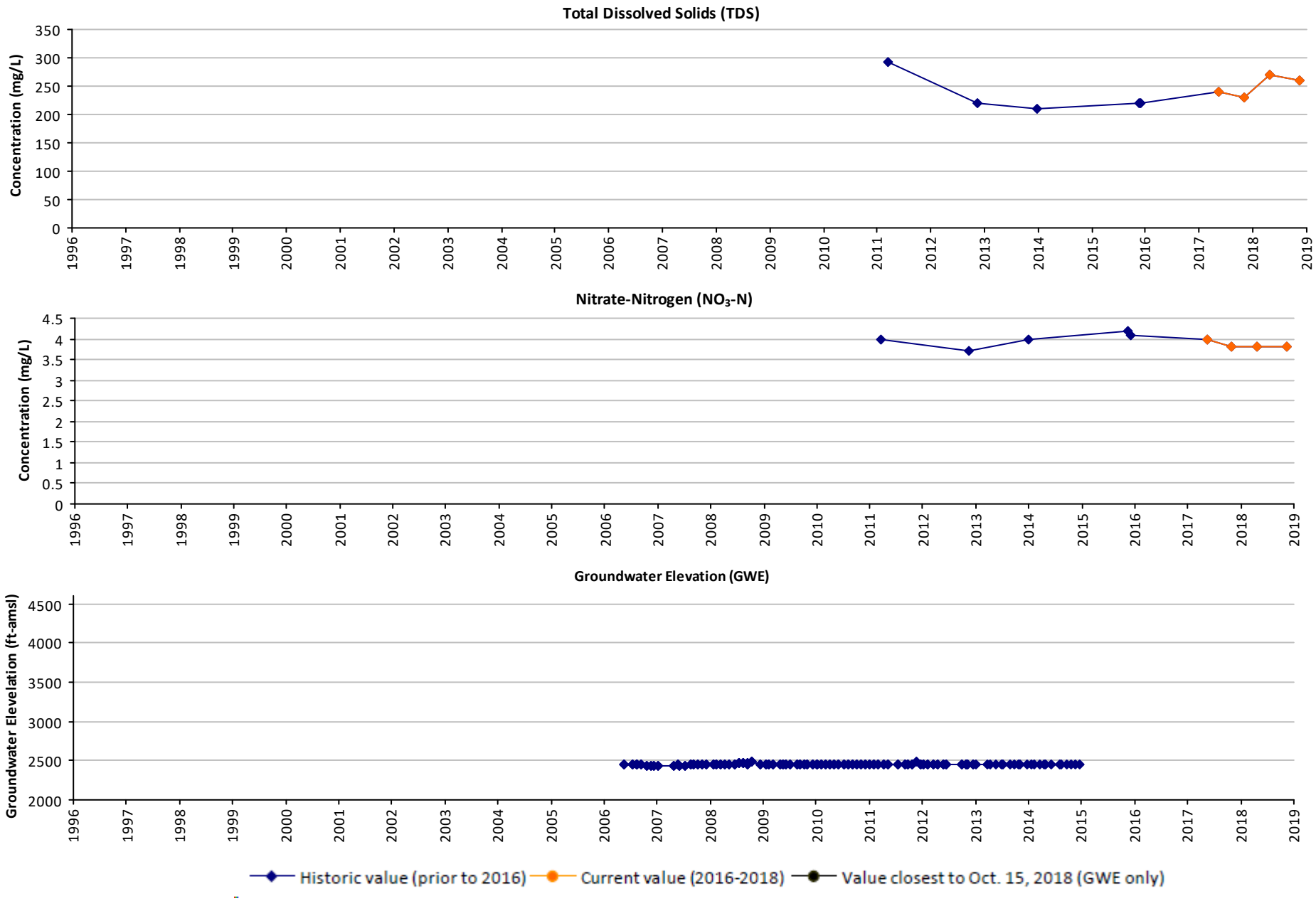
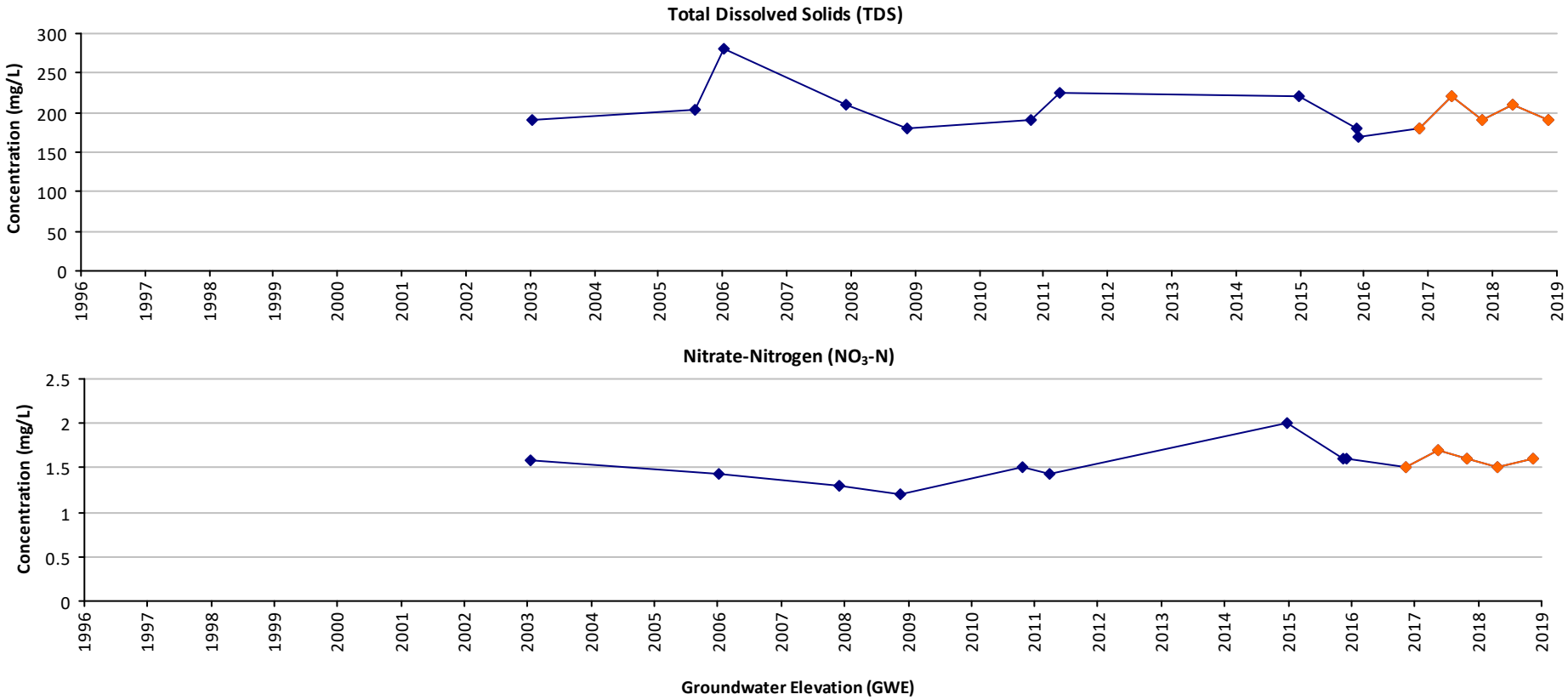
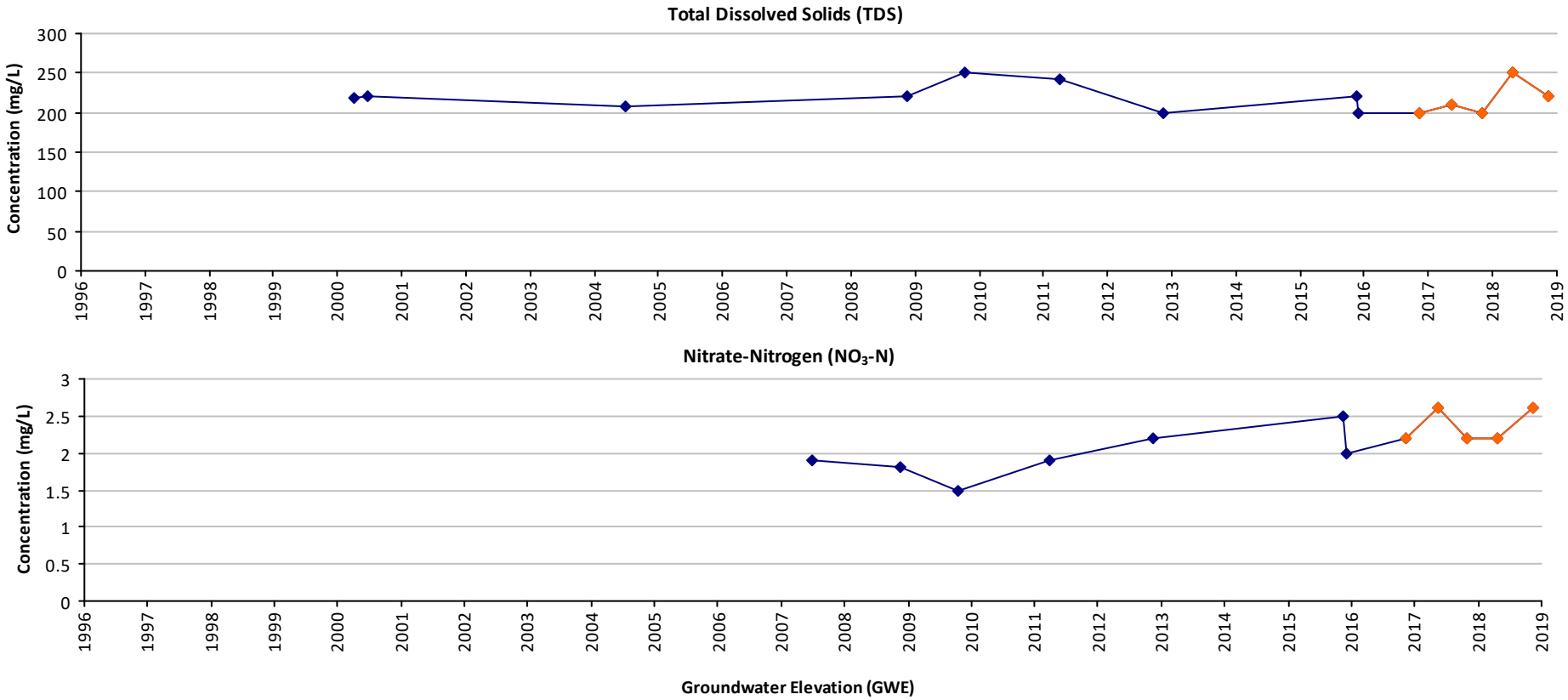
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

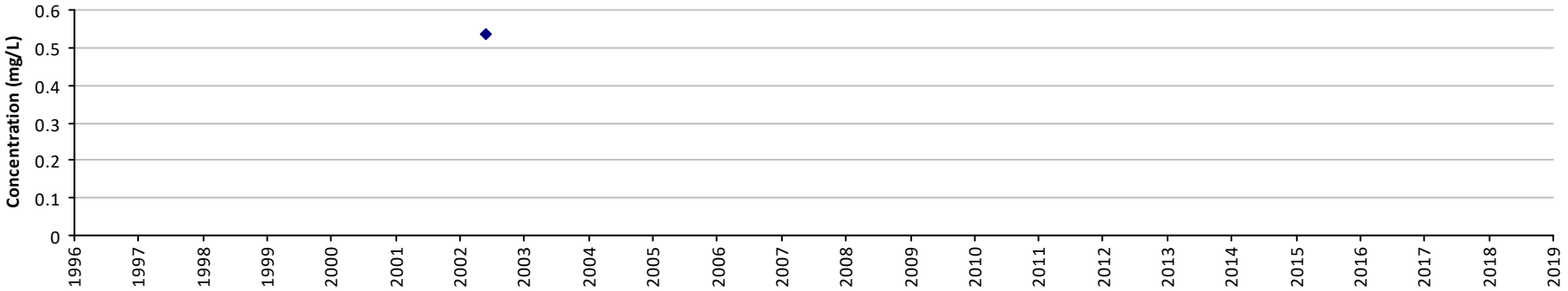

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

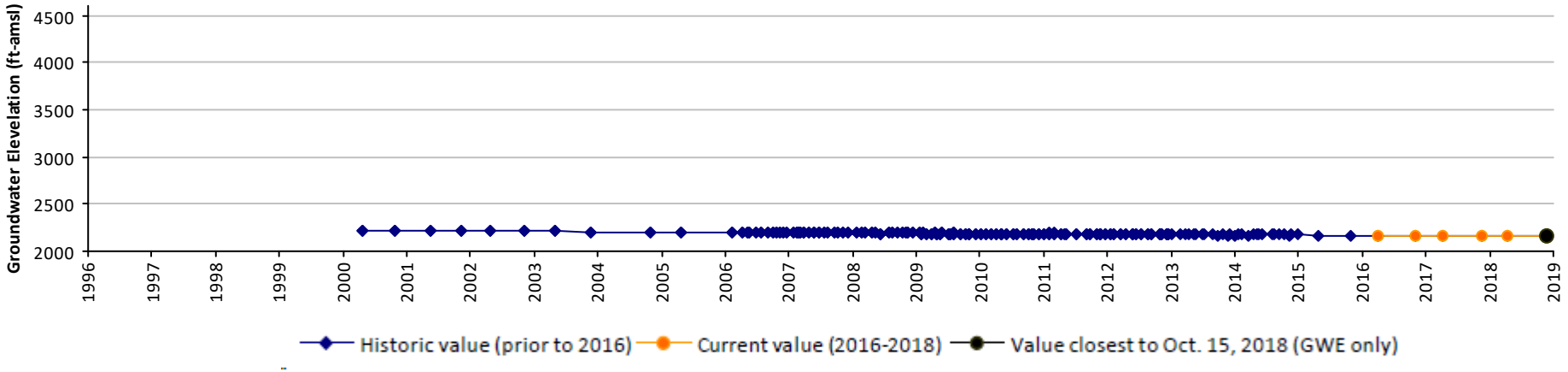

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

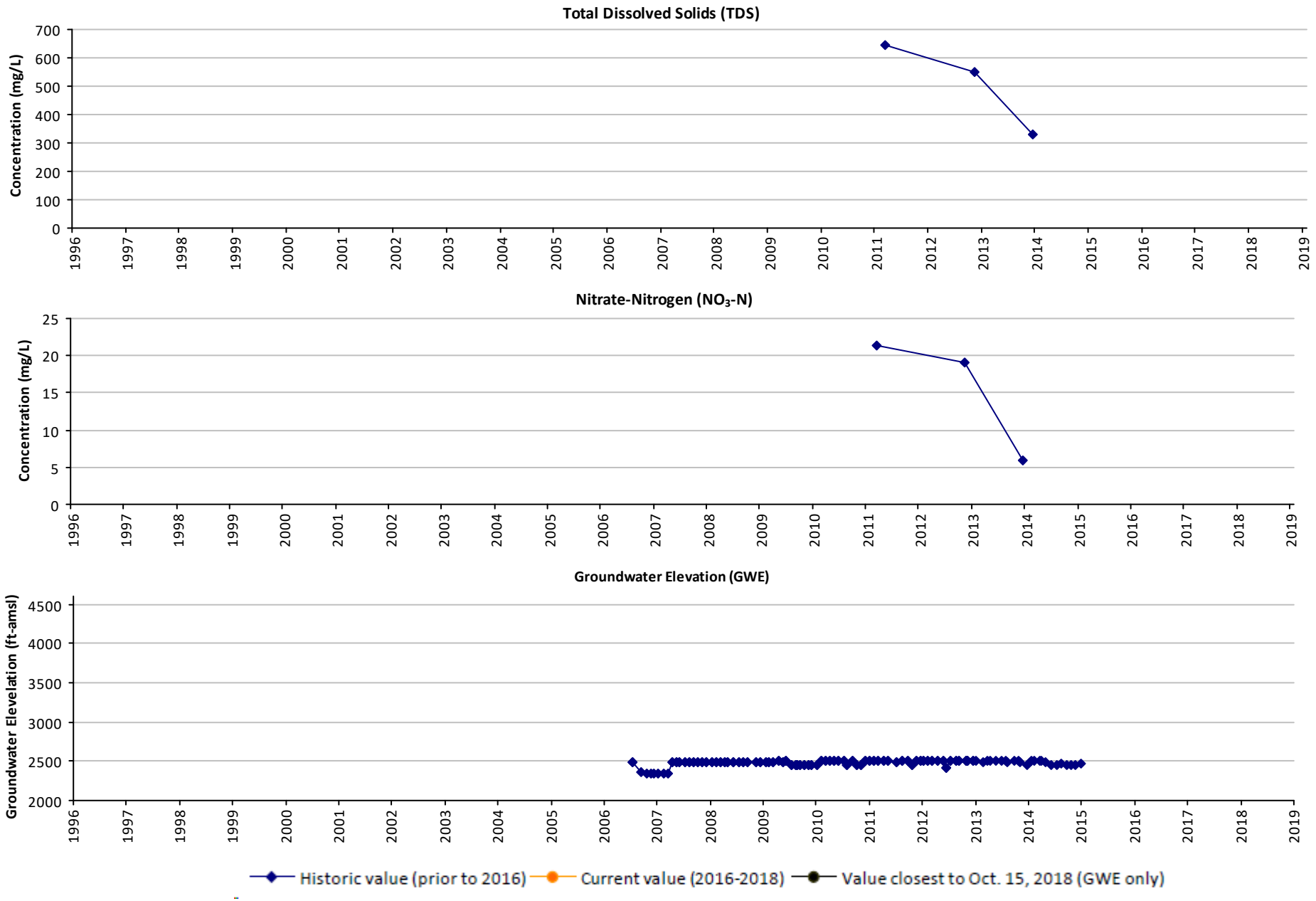
Total Dissolved Solids (TDS)

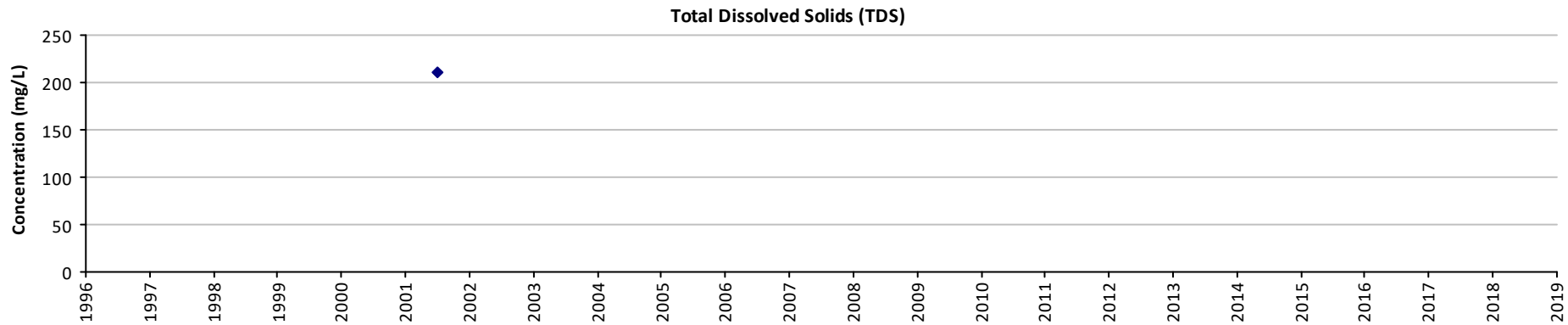
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
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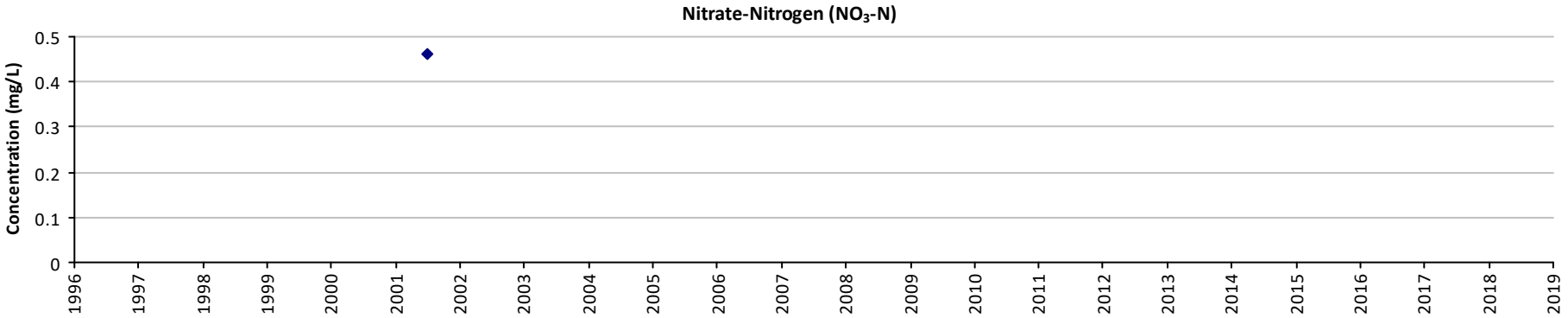
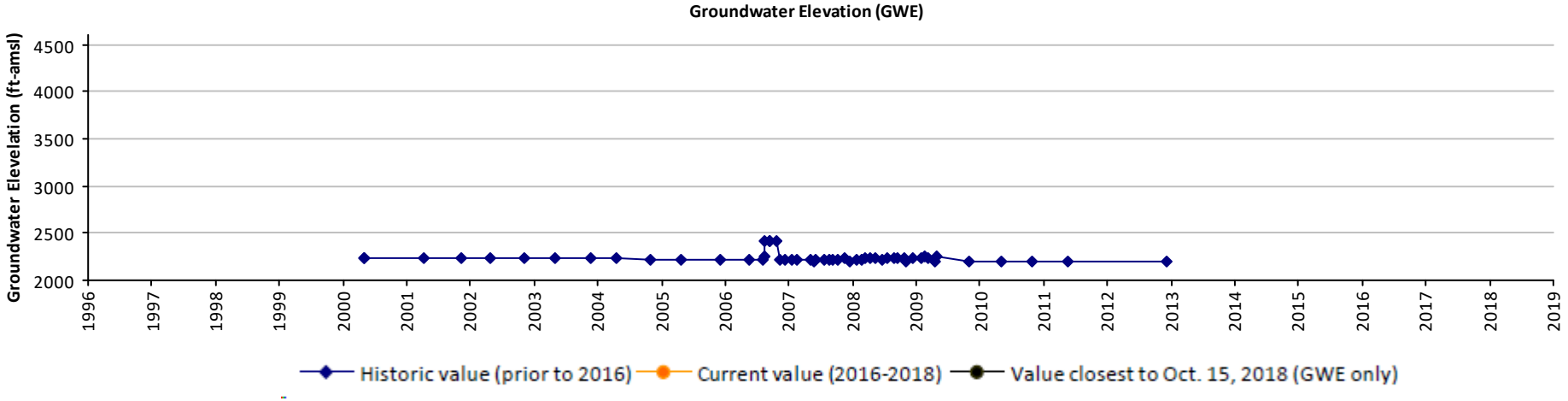
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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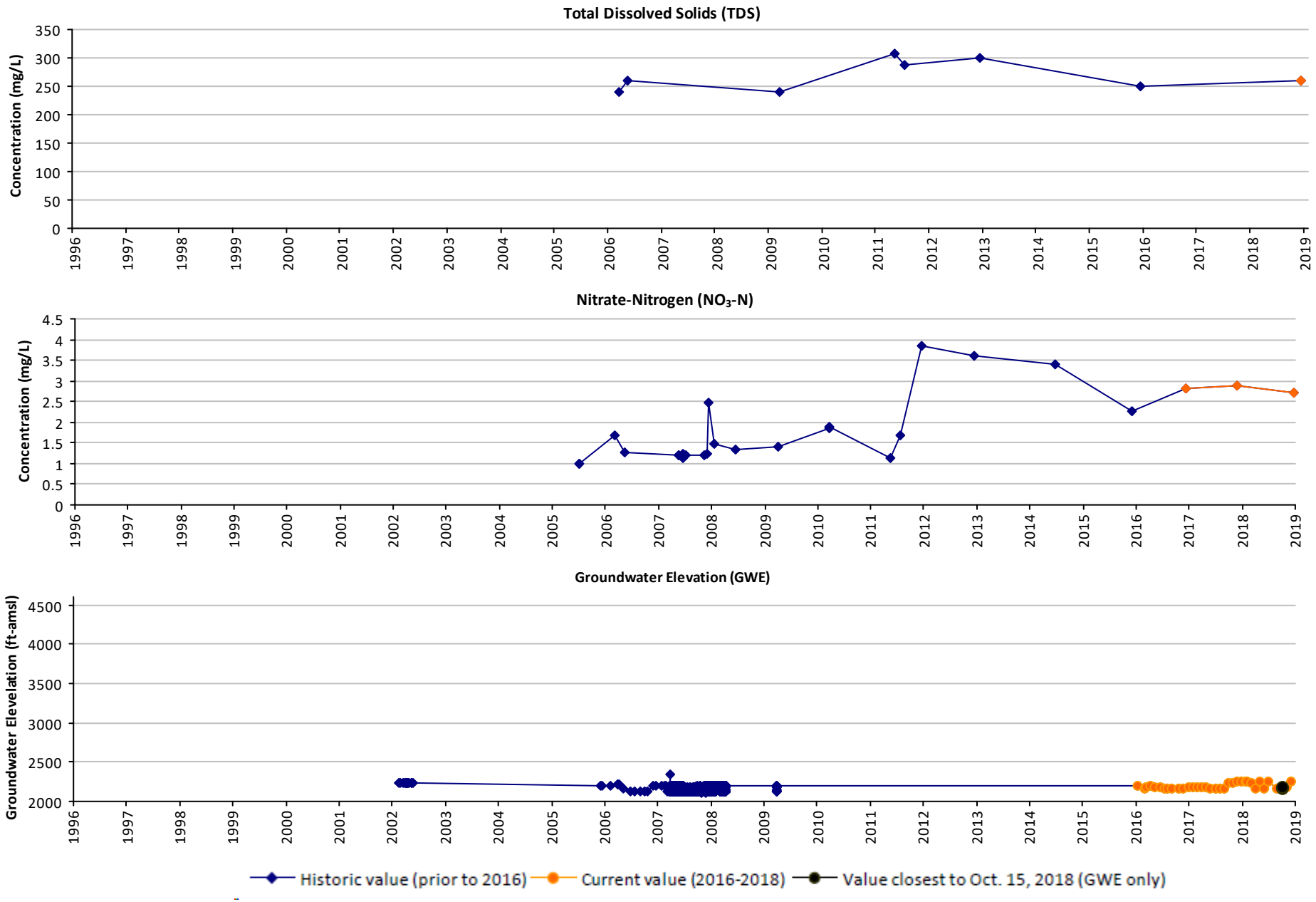
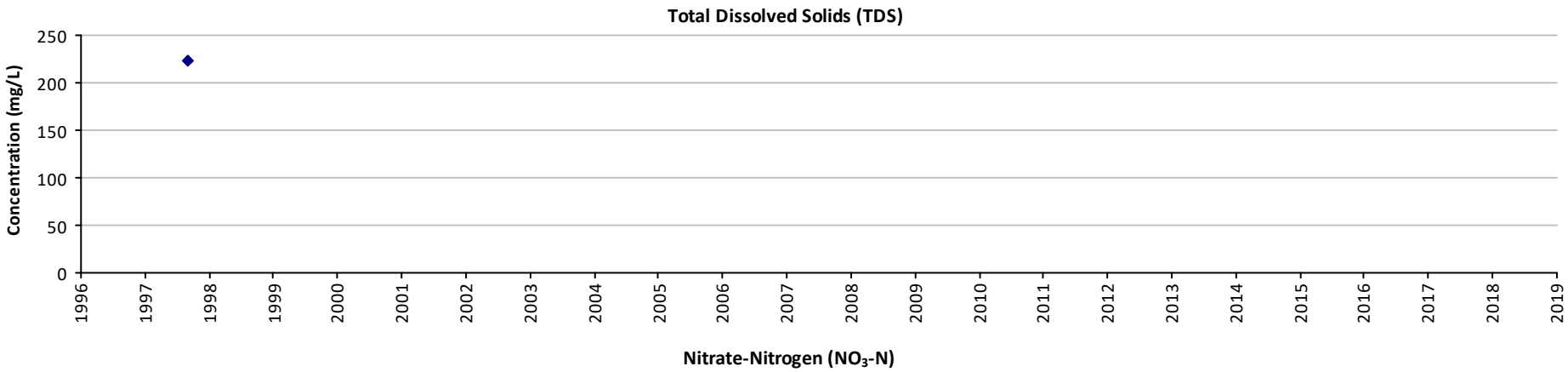
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
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2016
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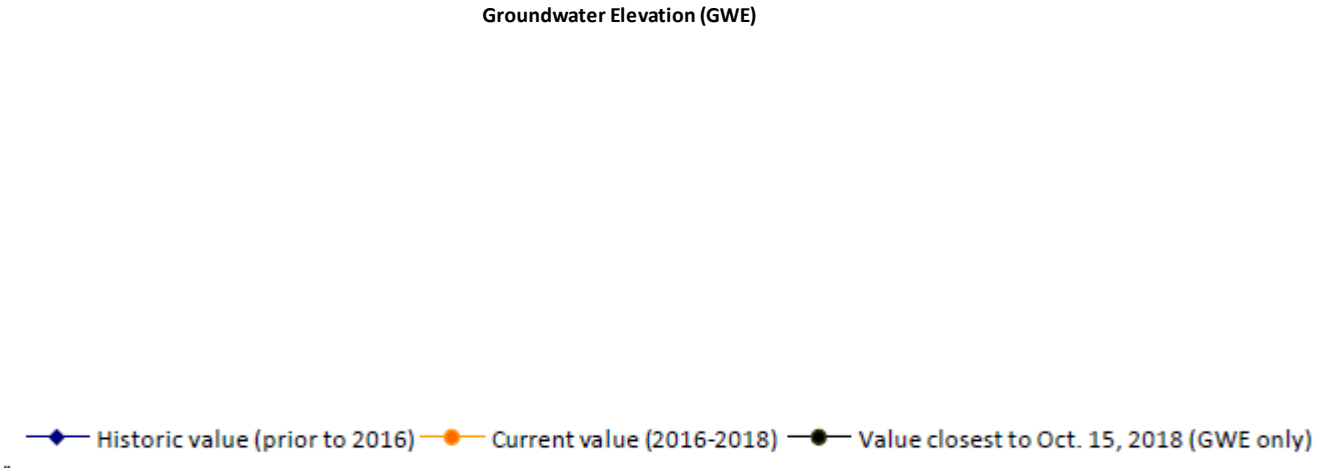
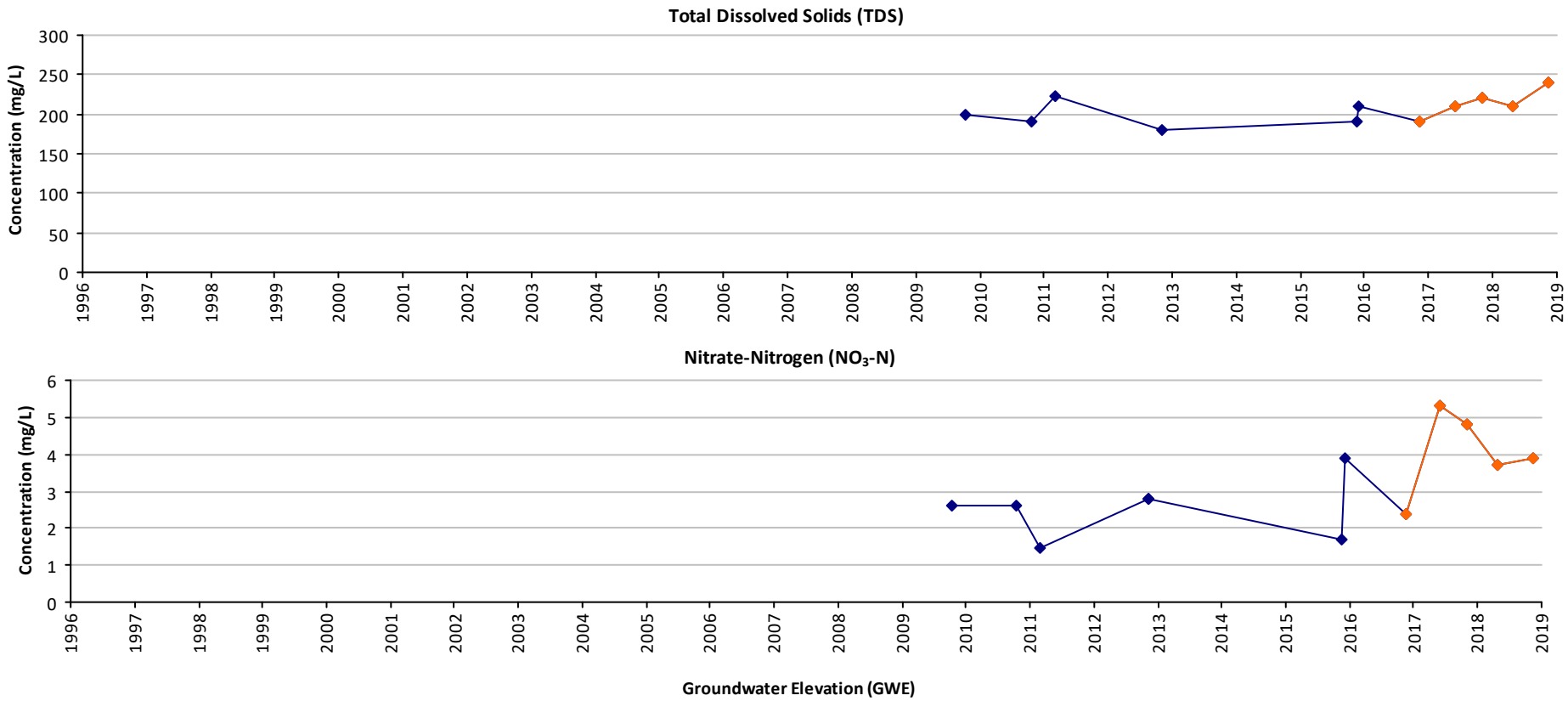
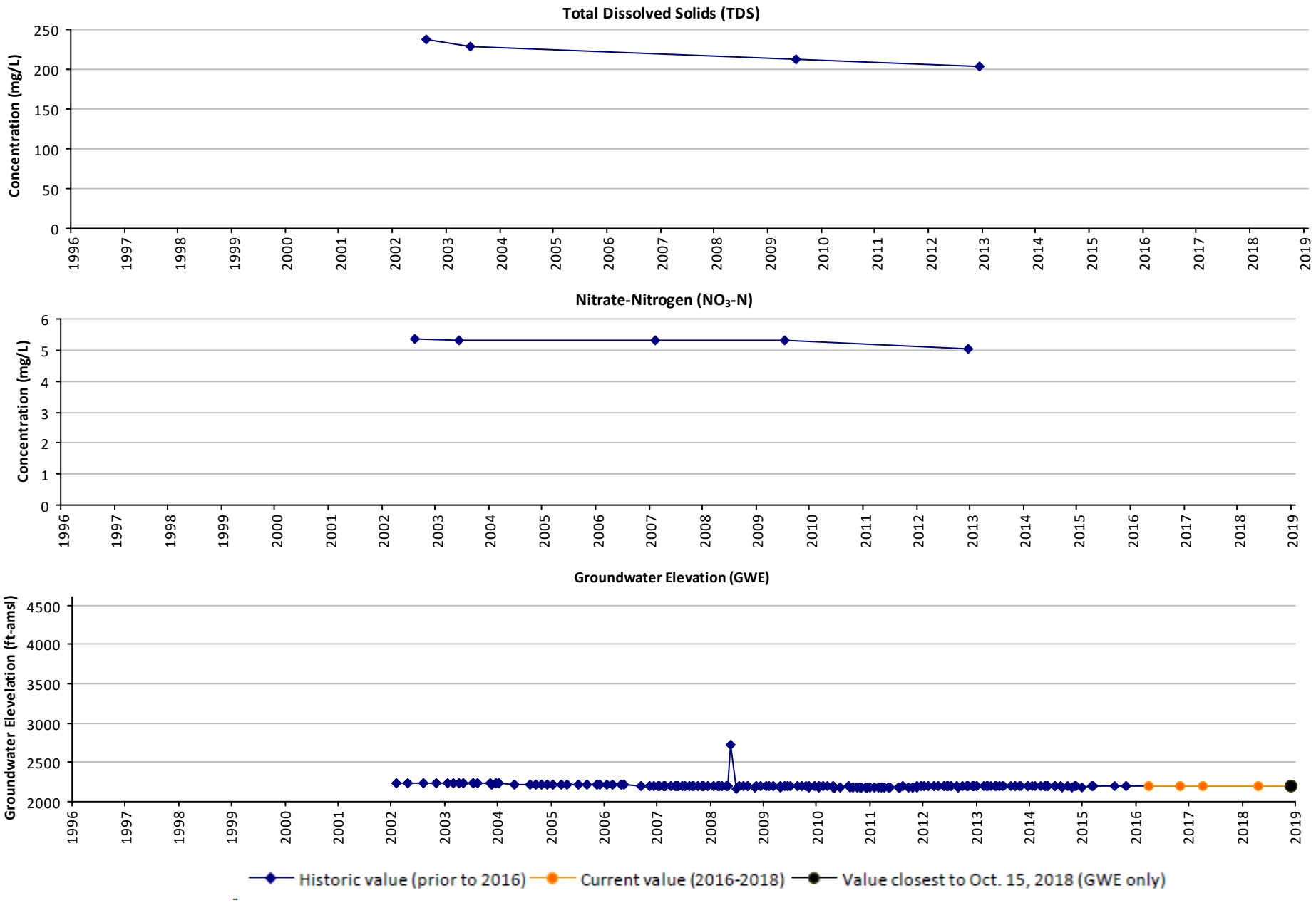
2018
2019
Nitrate-Nitrogen (NO_3-N)

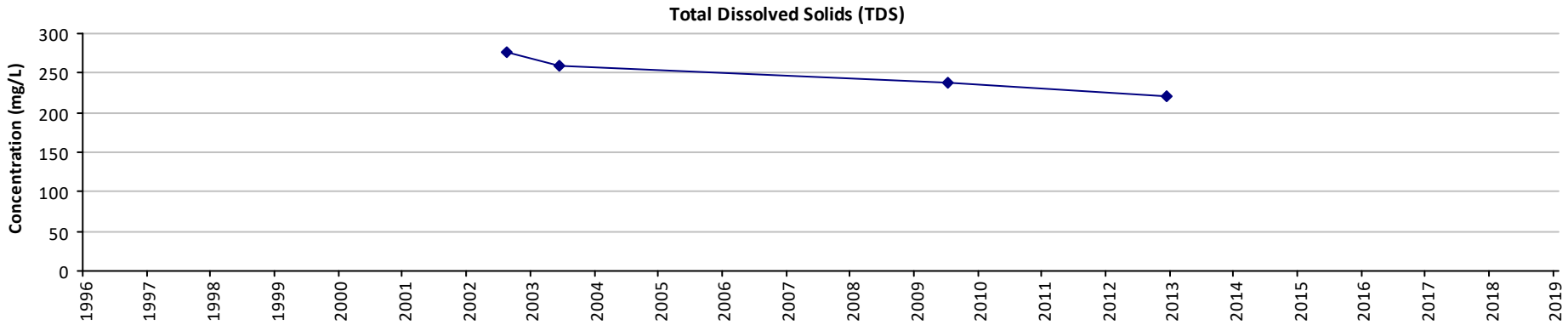

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Groundwater Elevation (GWE)

Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
2009
2010
2011
2012
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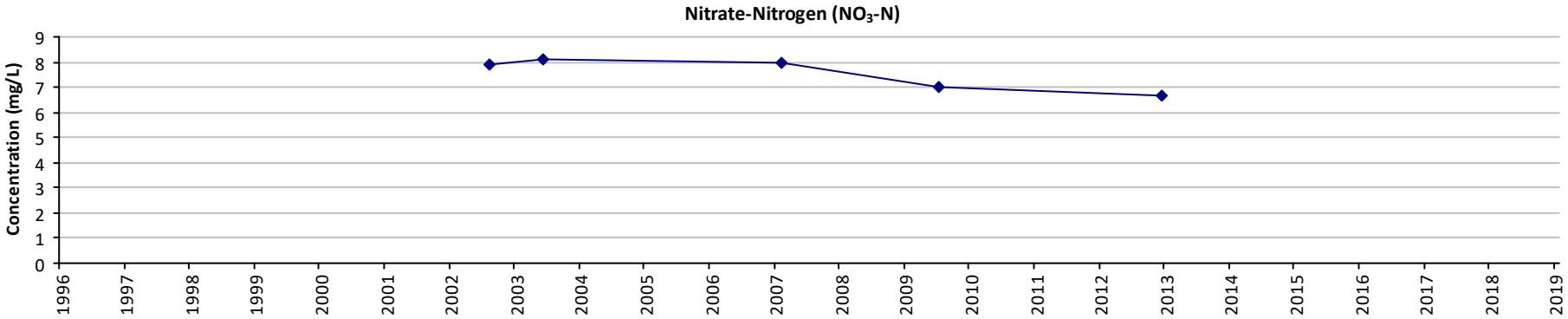
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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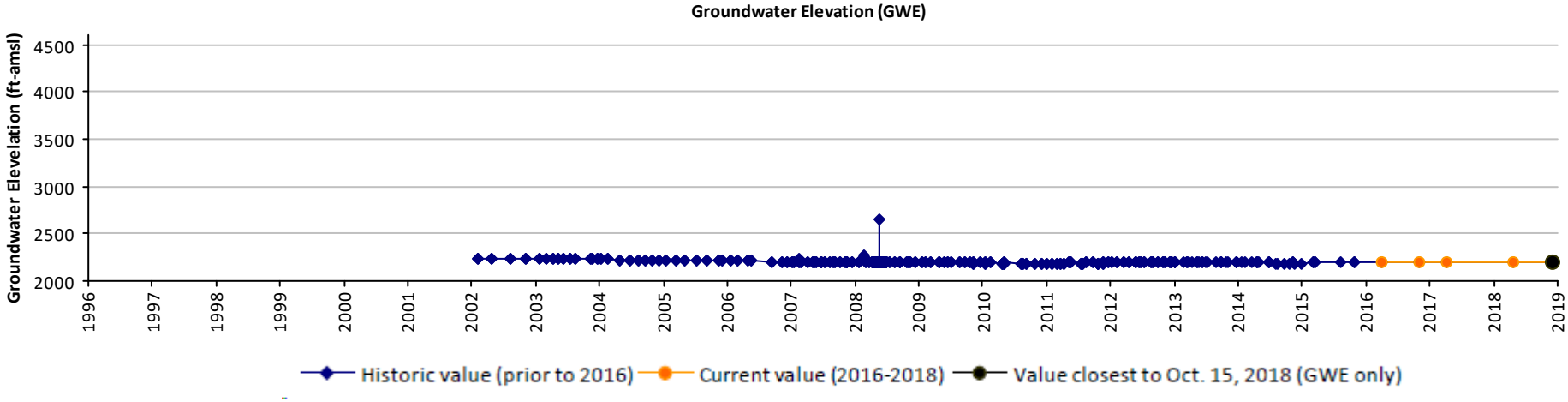
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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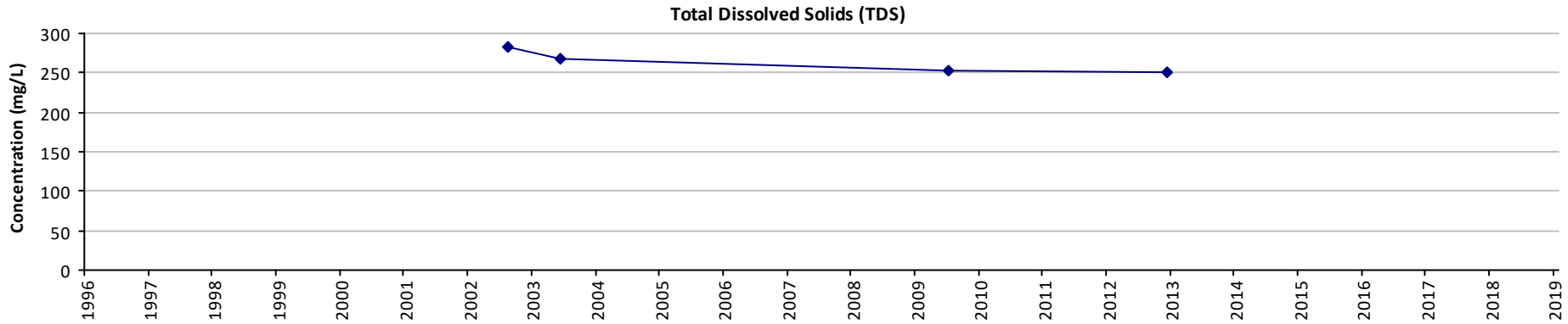
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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2003
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2012
2013
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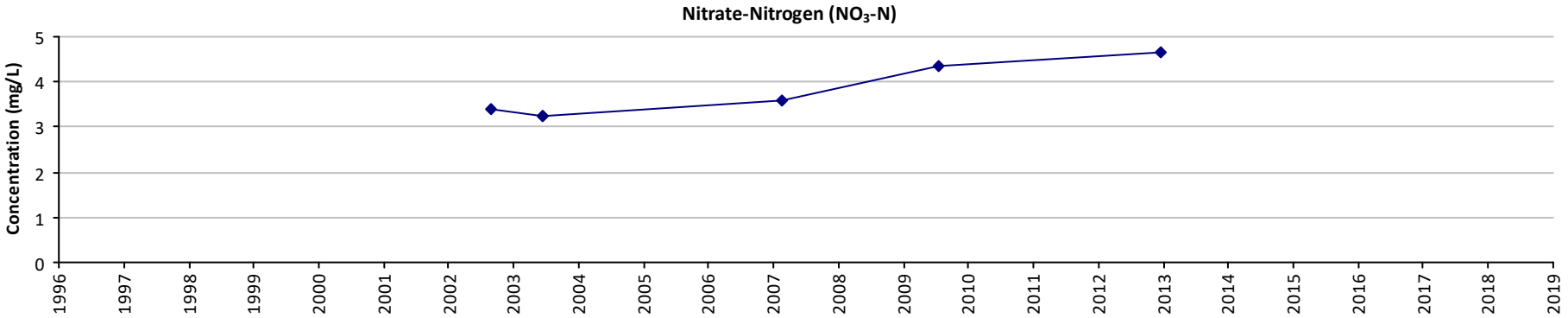
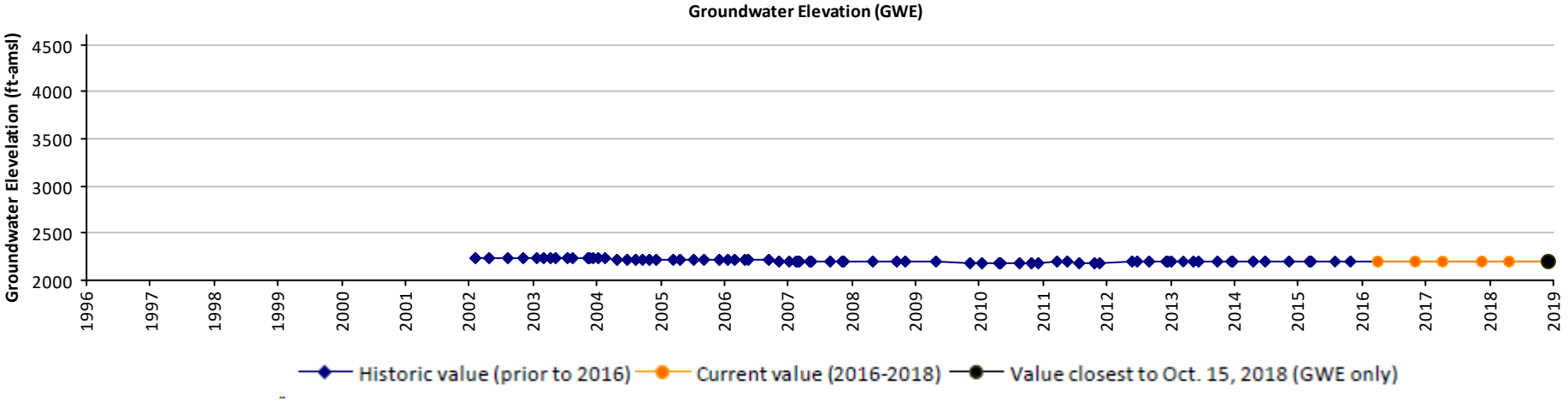
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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2013
2014
2015
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2017
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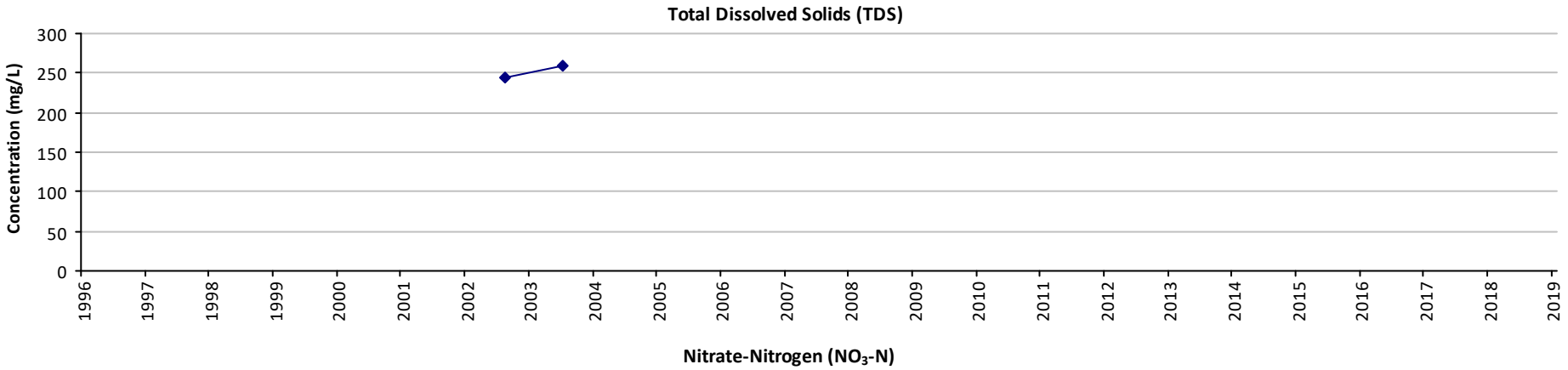
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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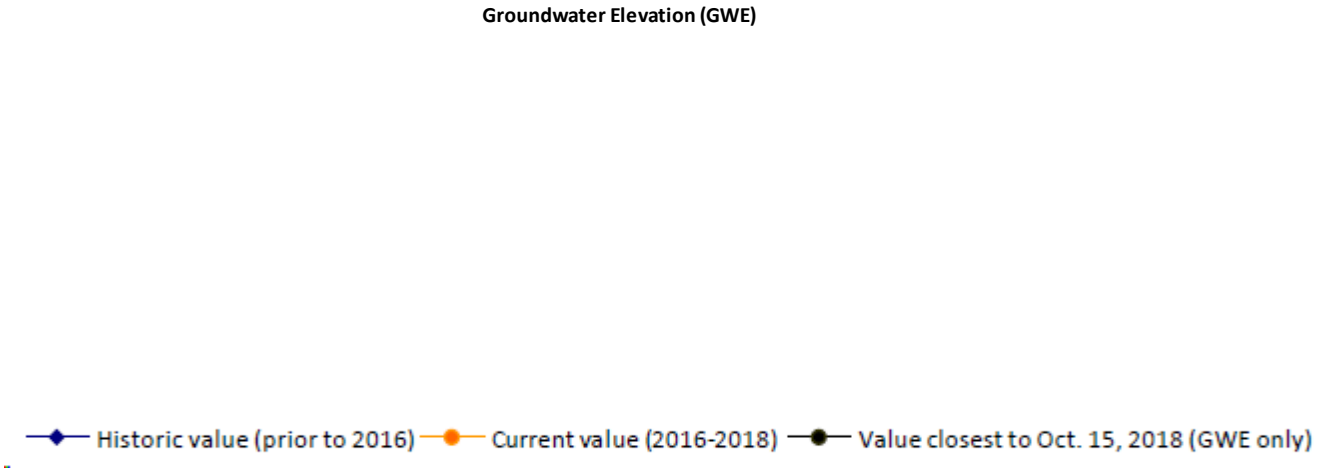
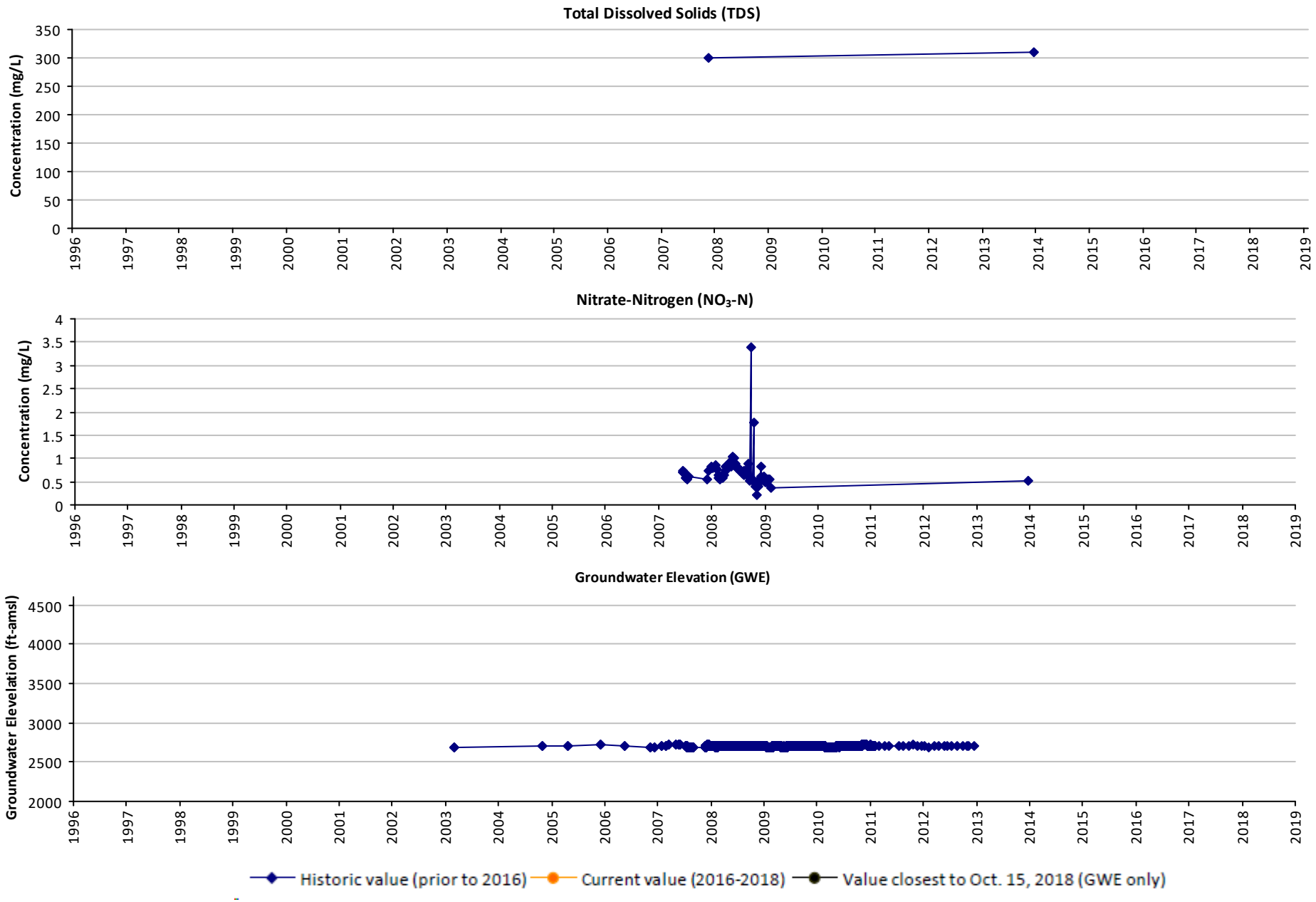
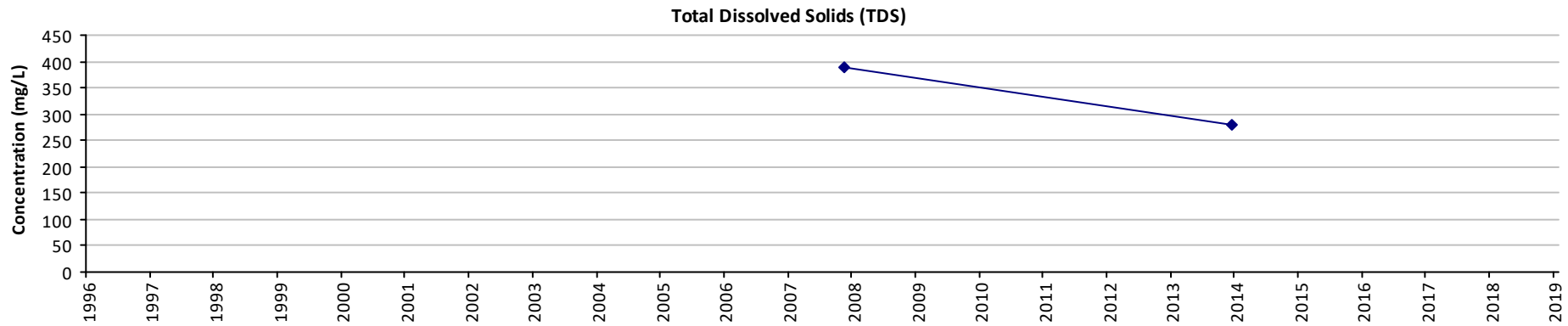
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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2012
2013
2014
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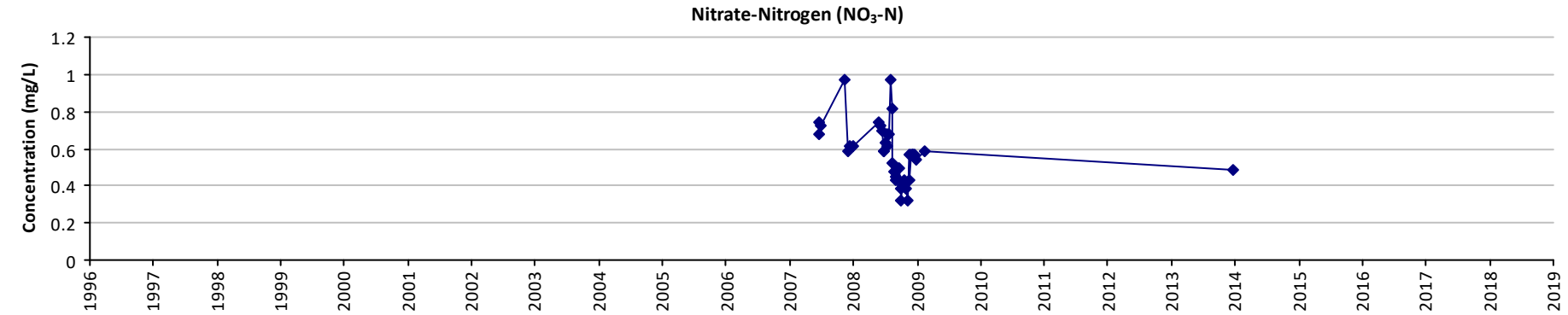
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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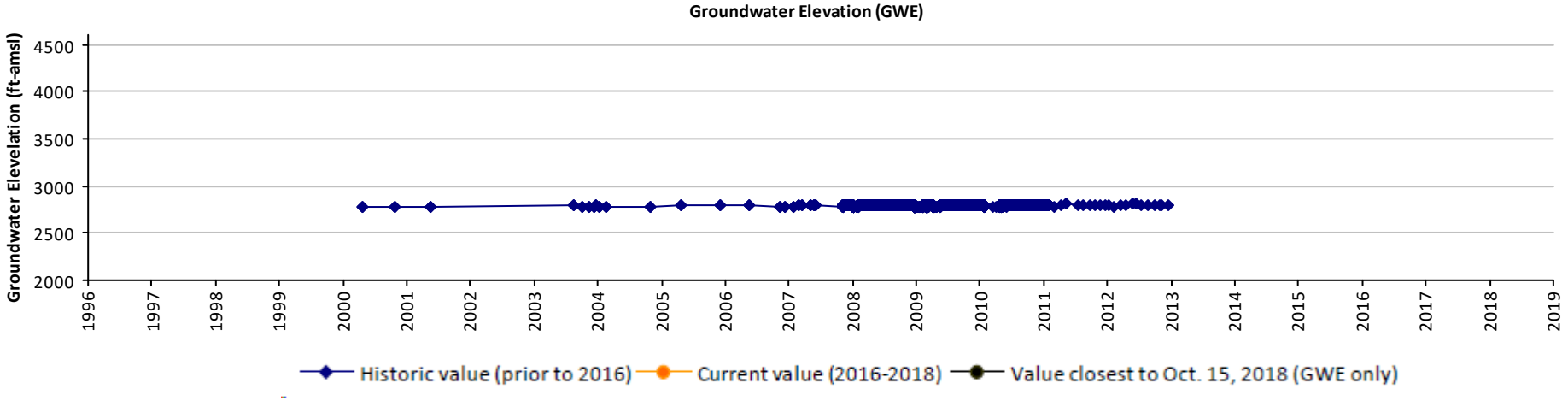
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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2015
2016
2017
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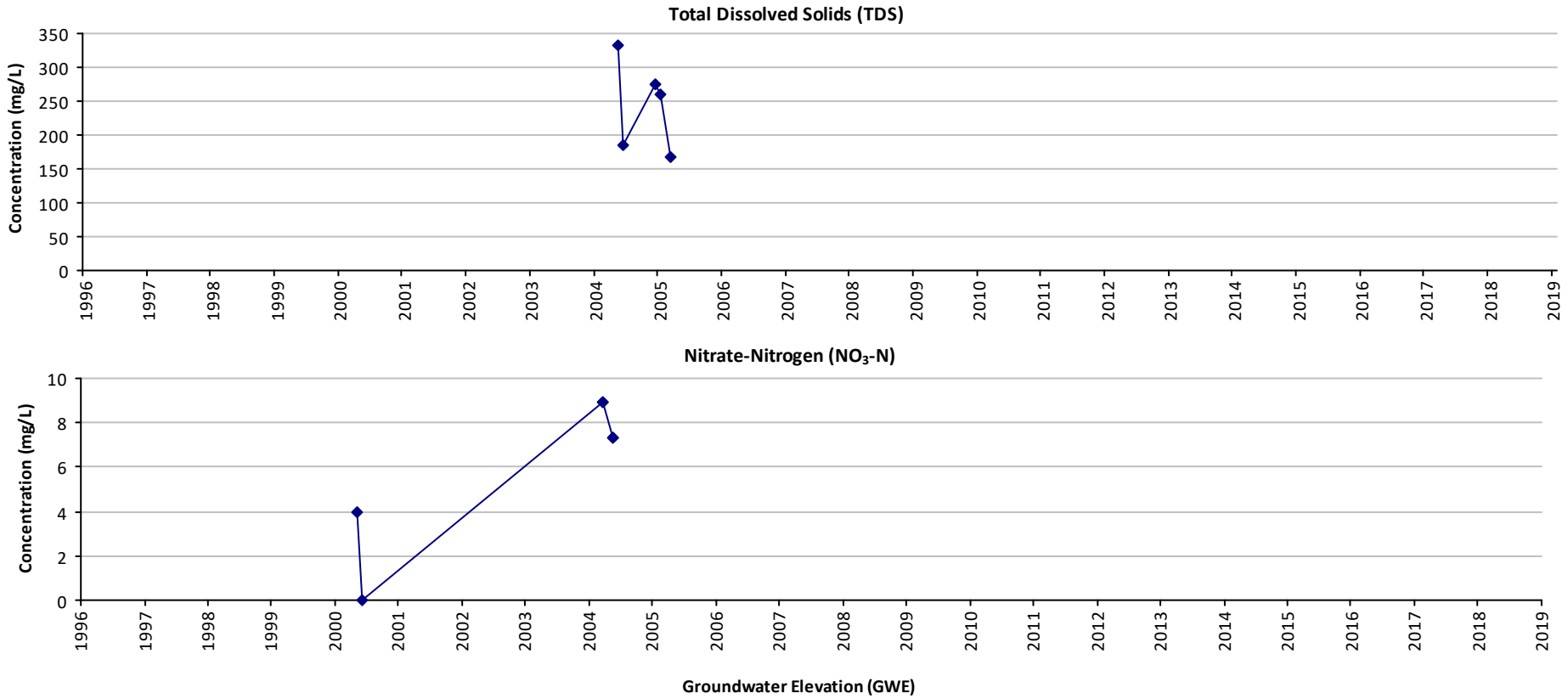
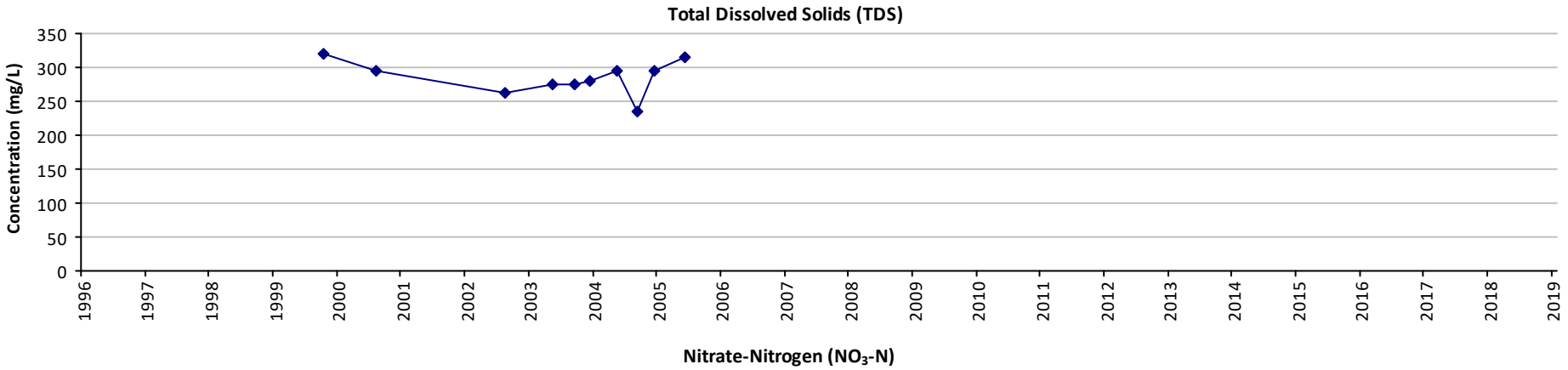
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2007
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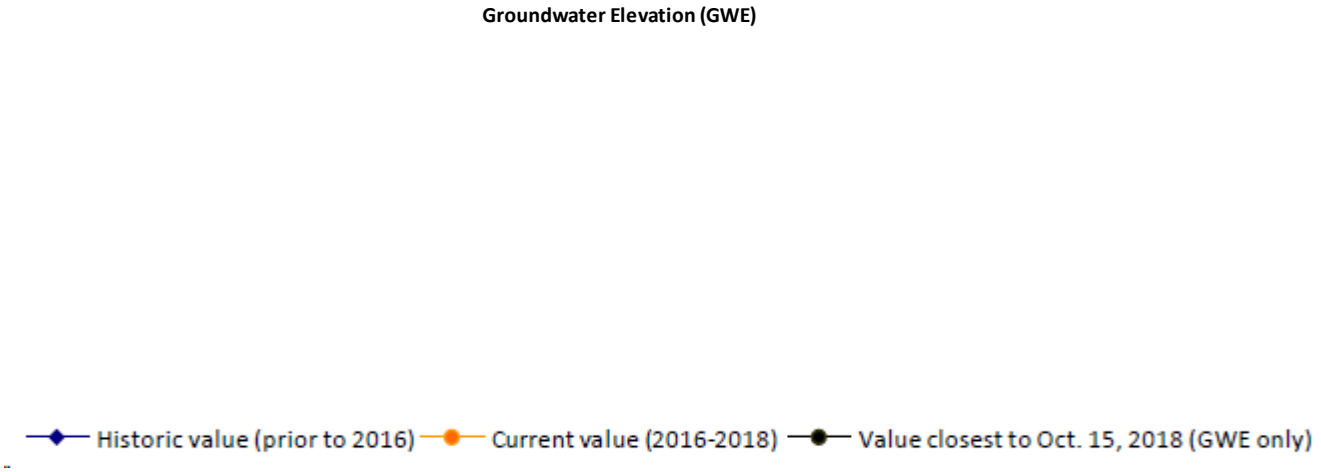
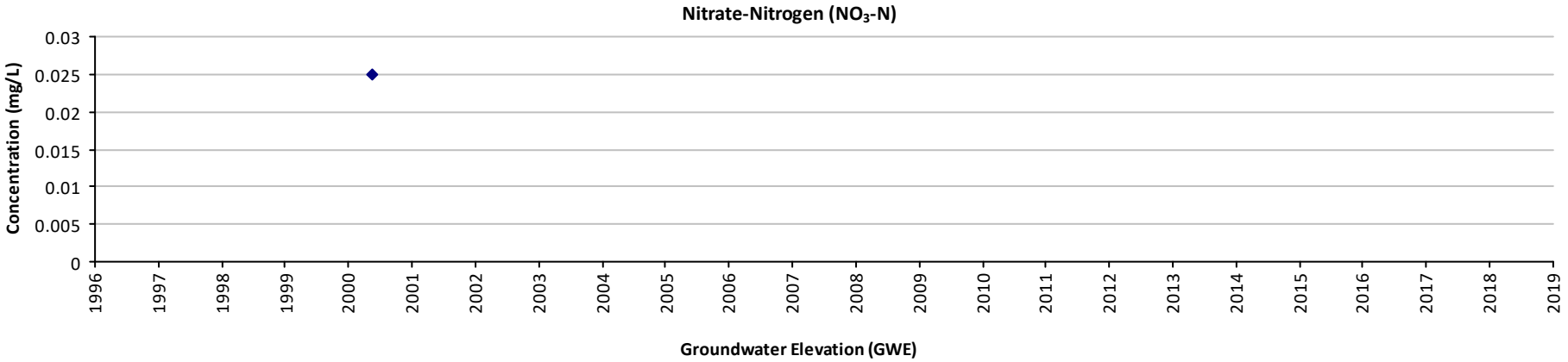
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

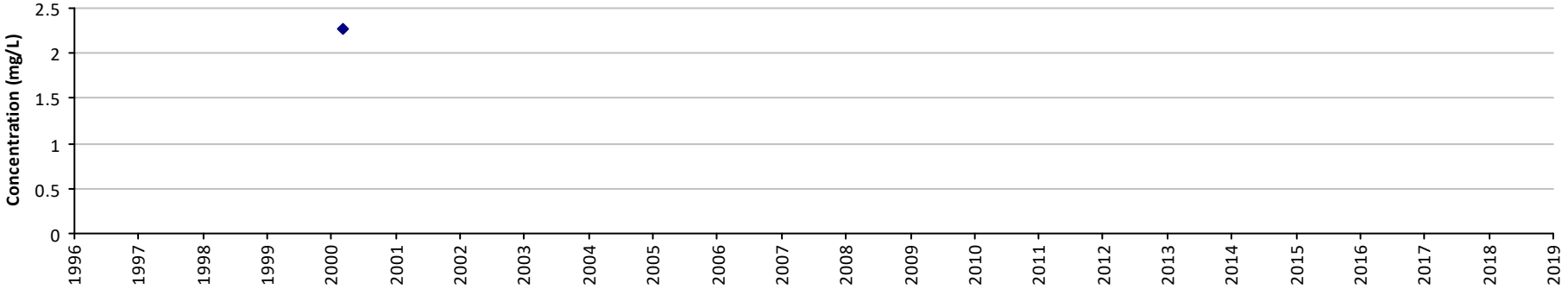
Total Dissolved Solids (TDS)



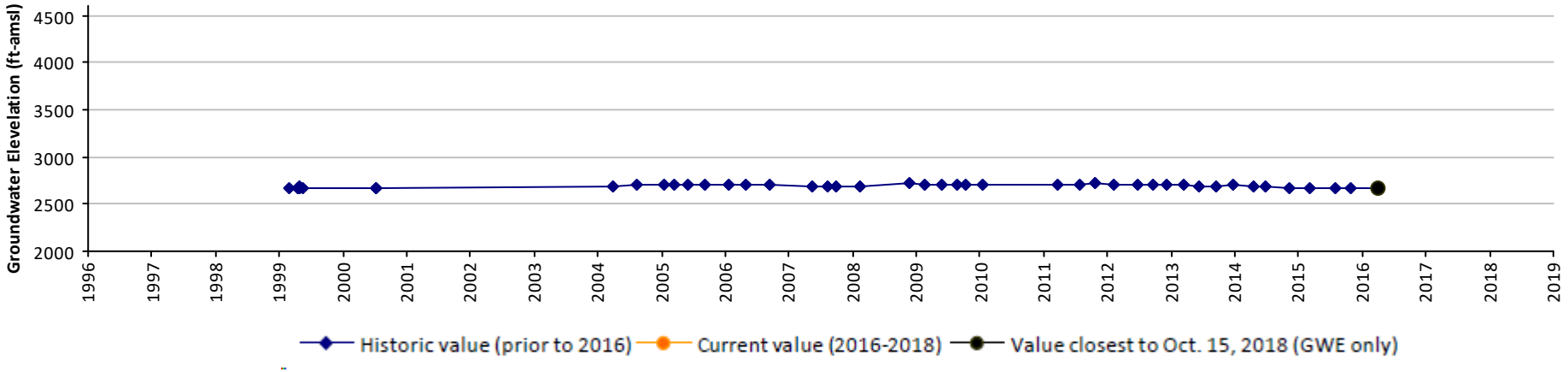
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

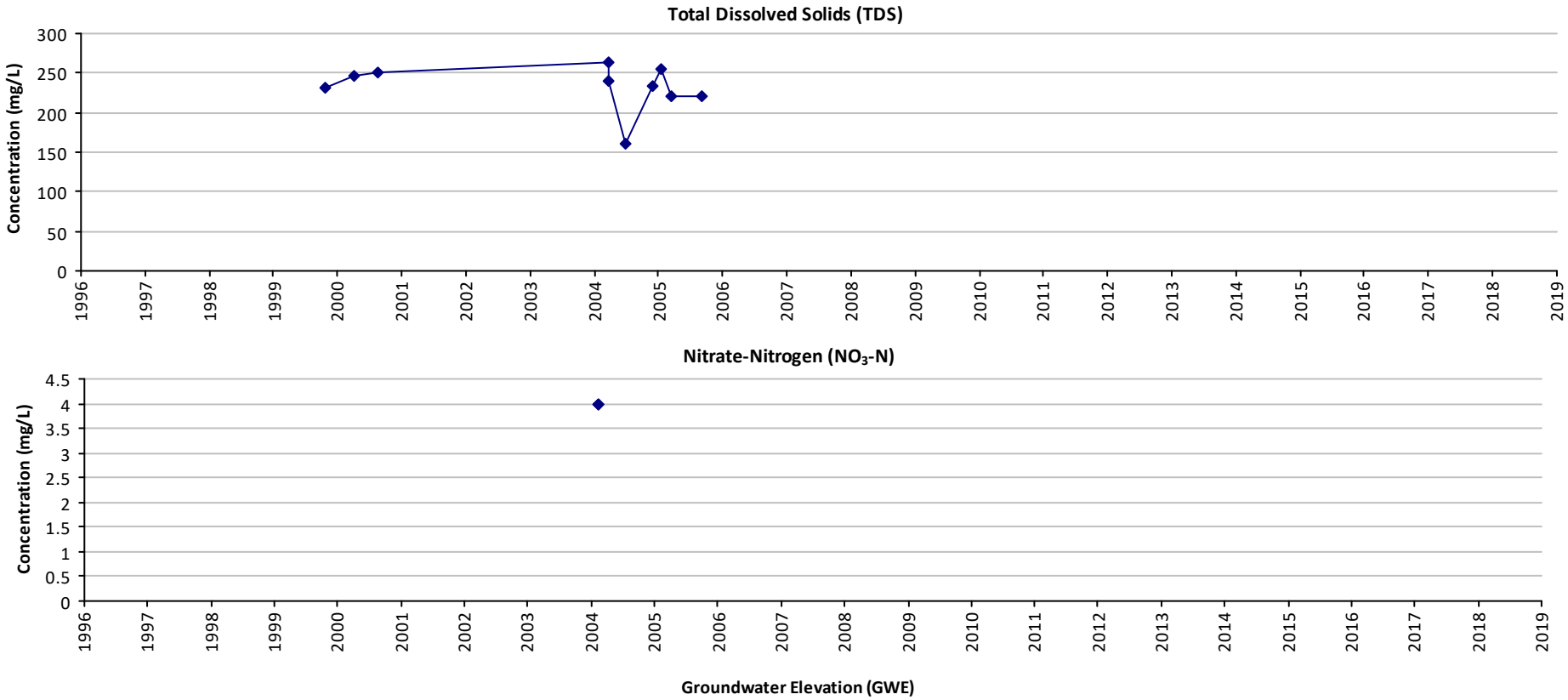
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

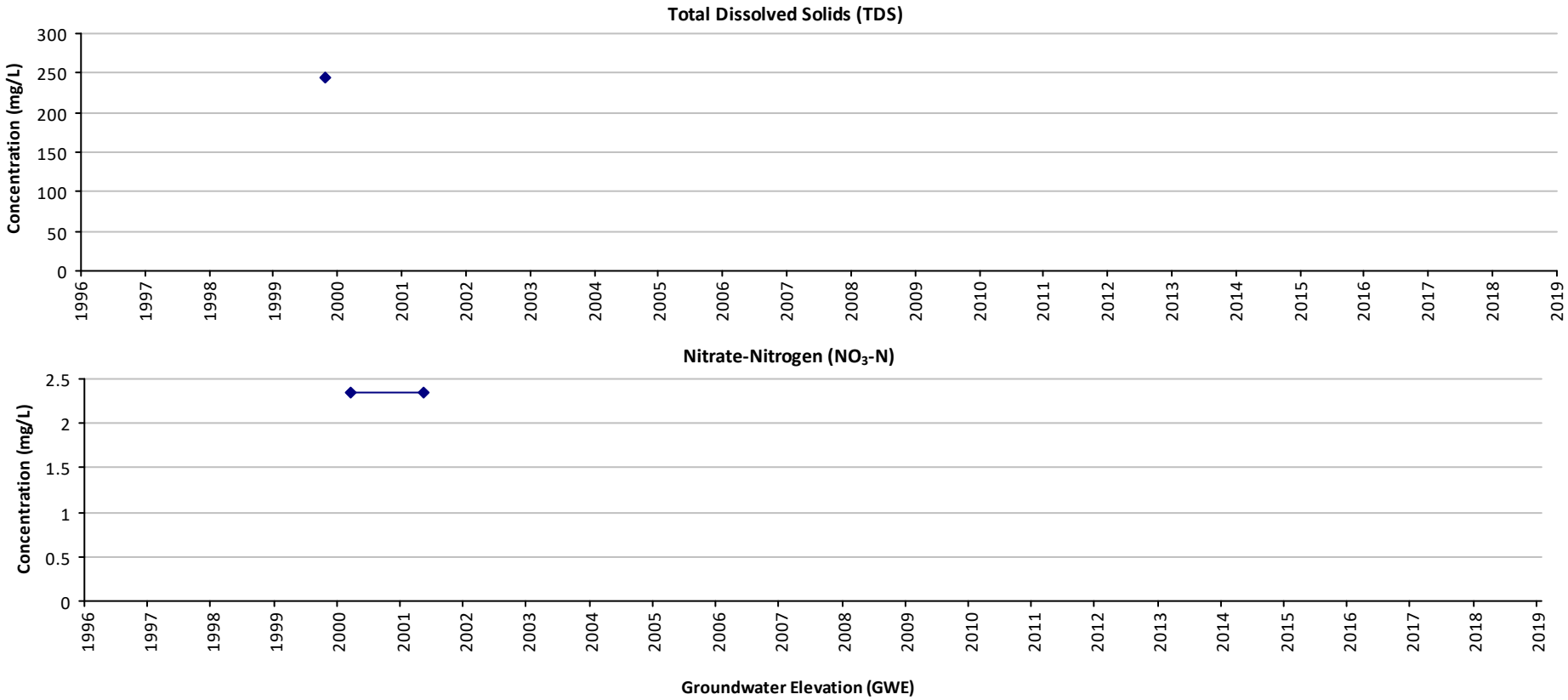


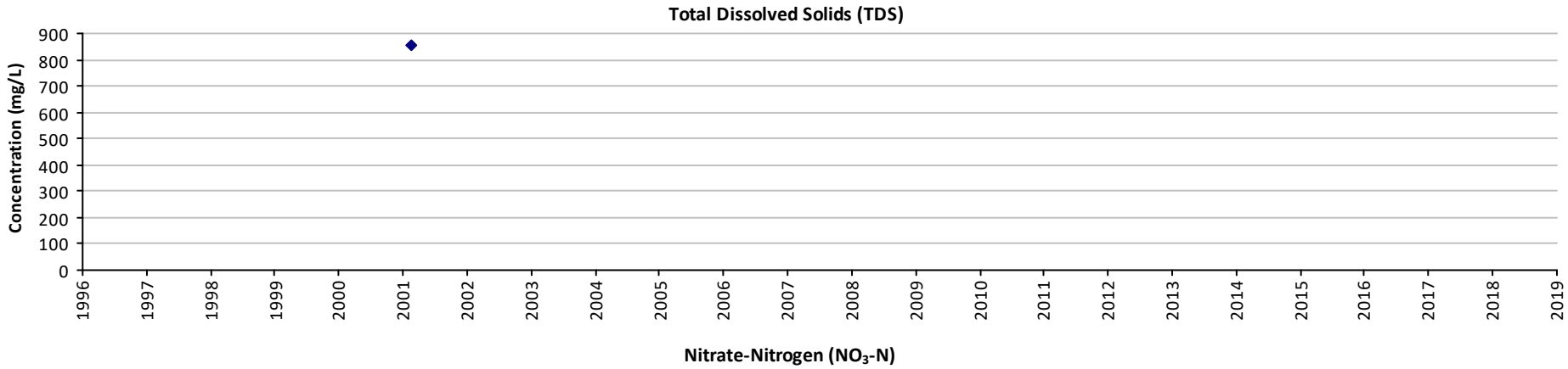
Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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2011
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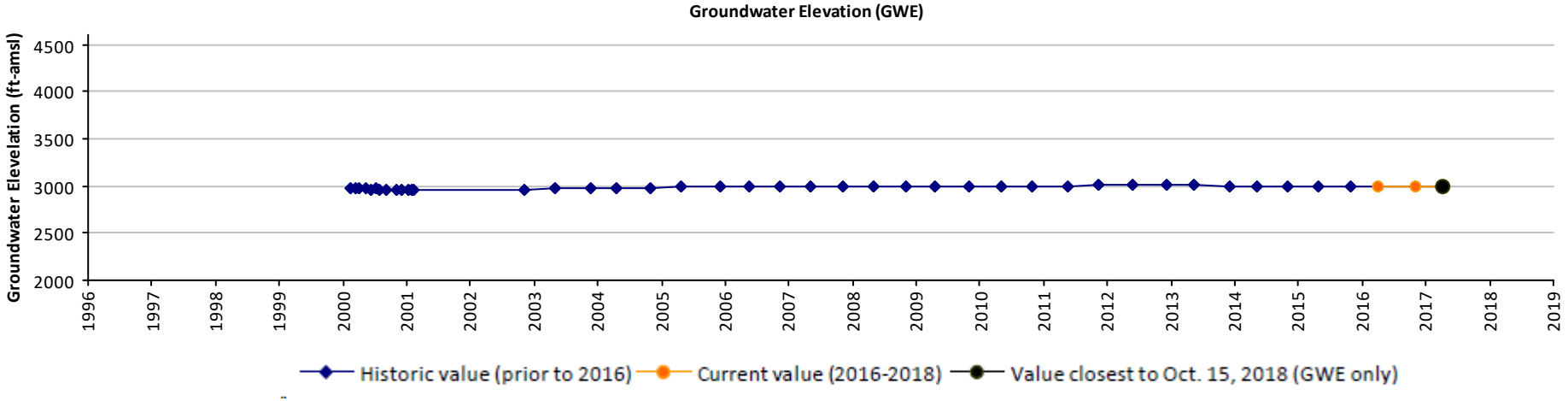
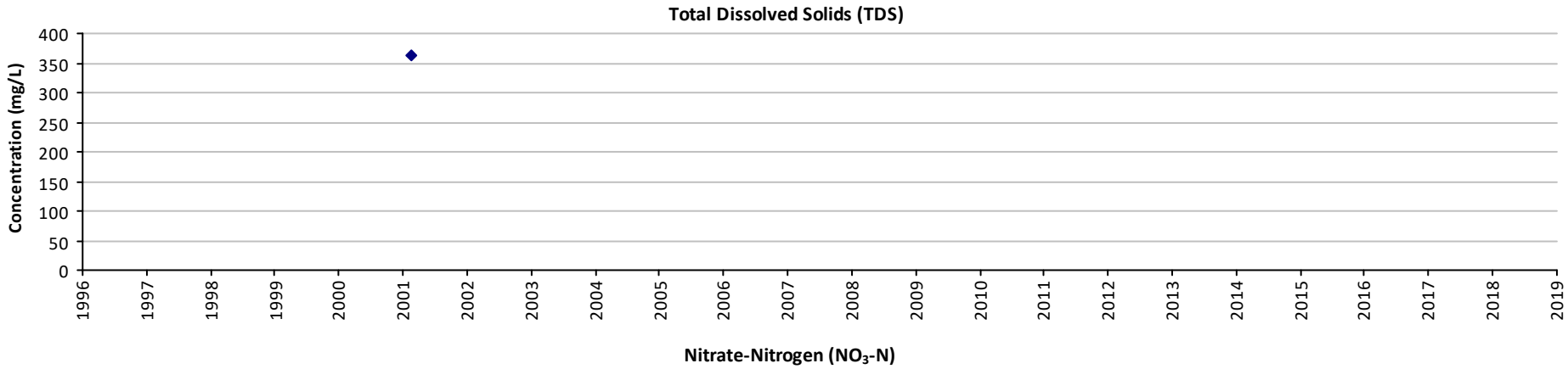
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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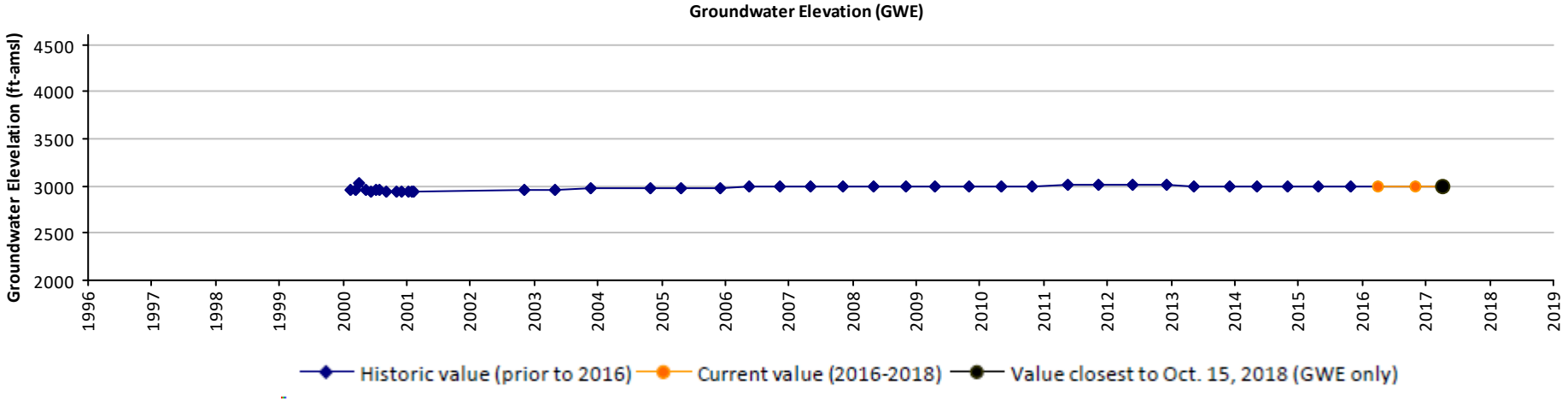
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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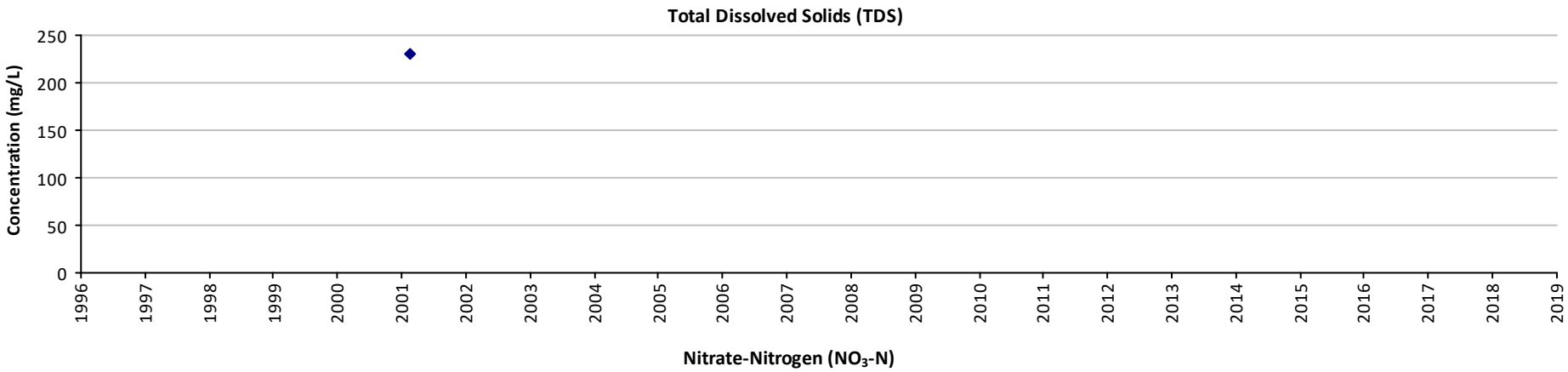
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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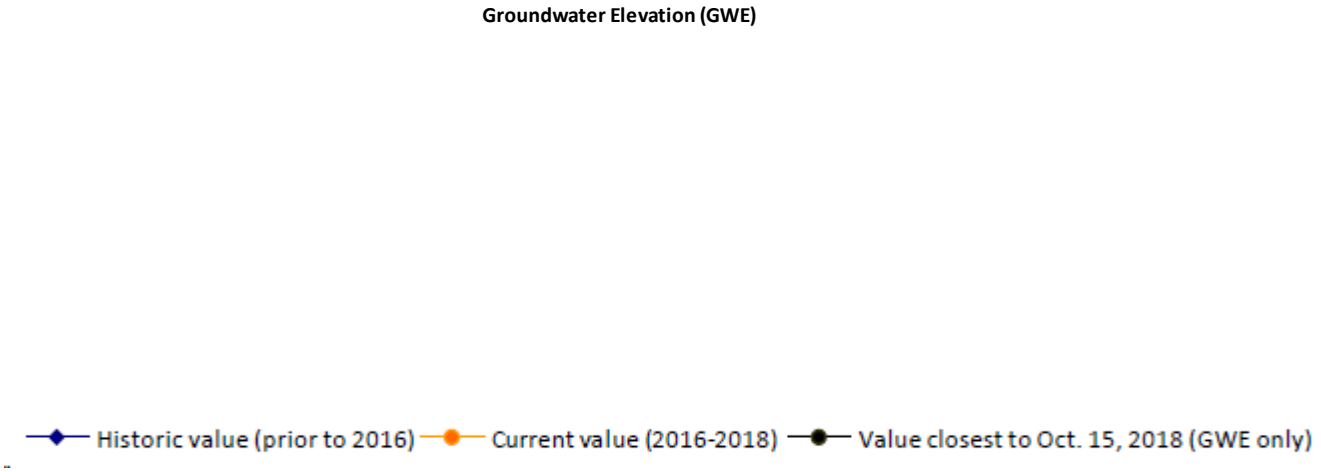
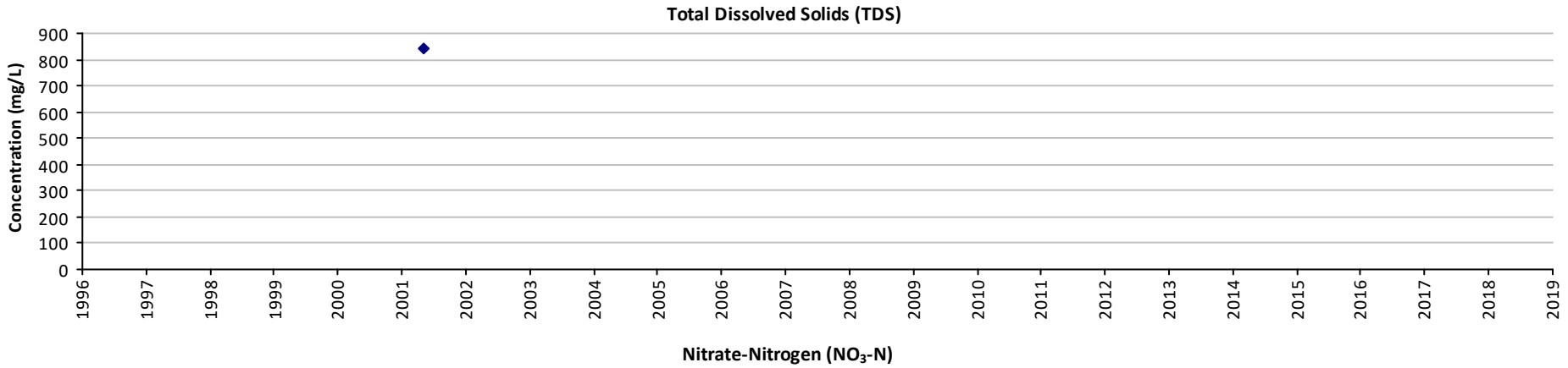
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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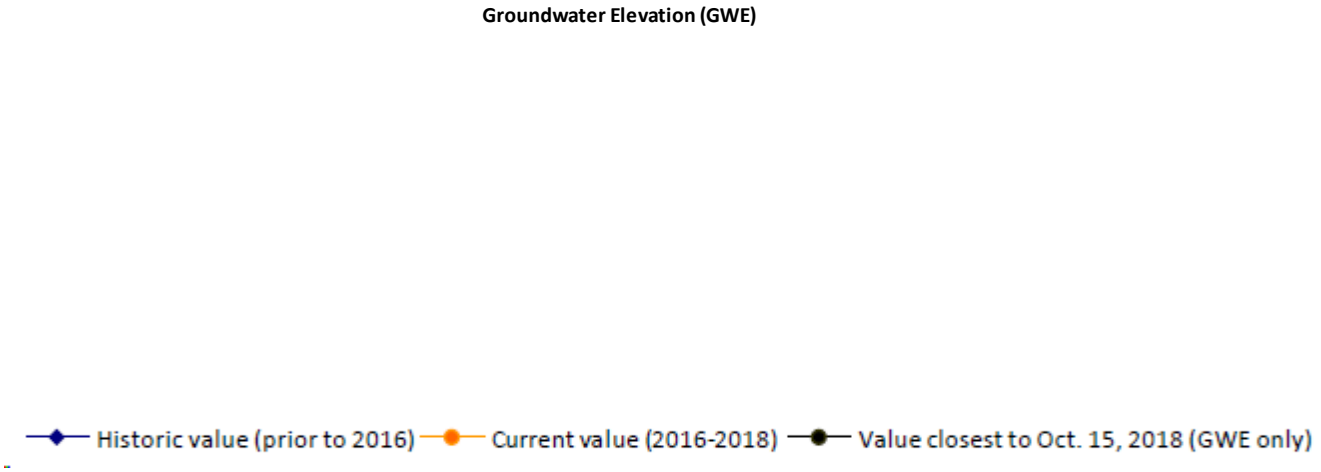
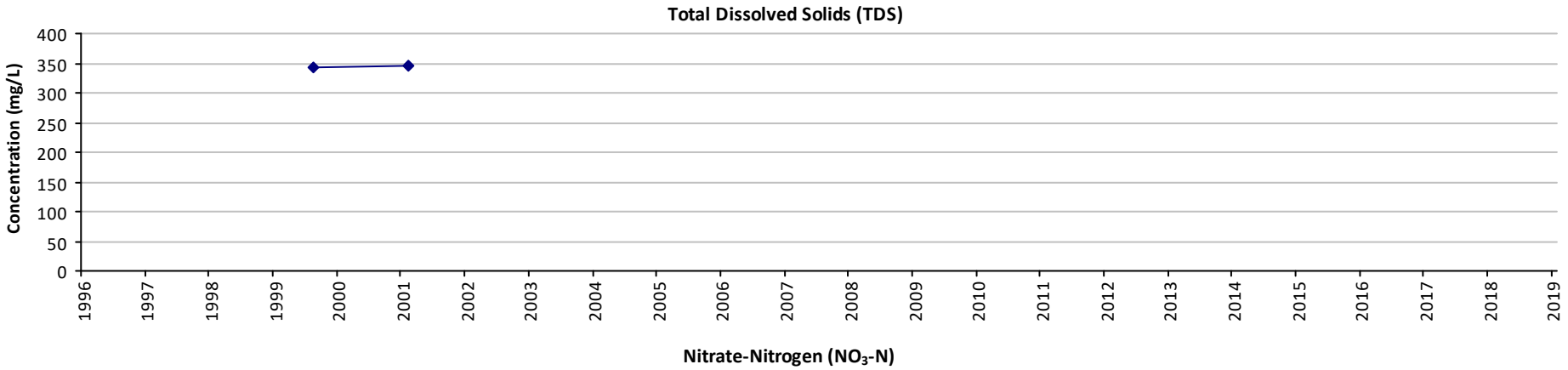
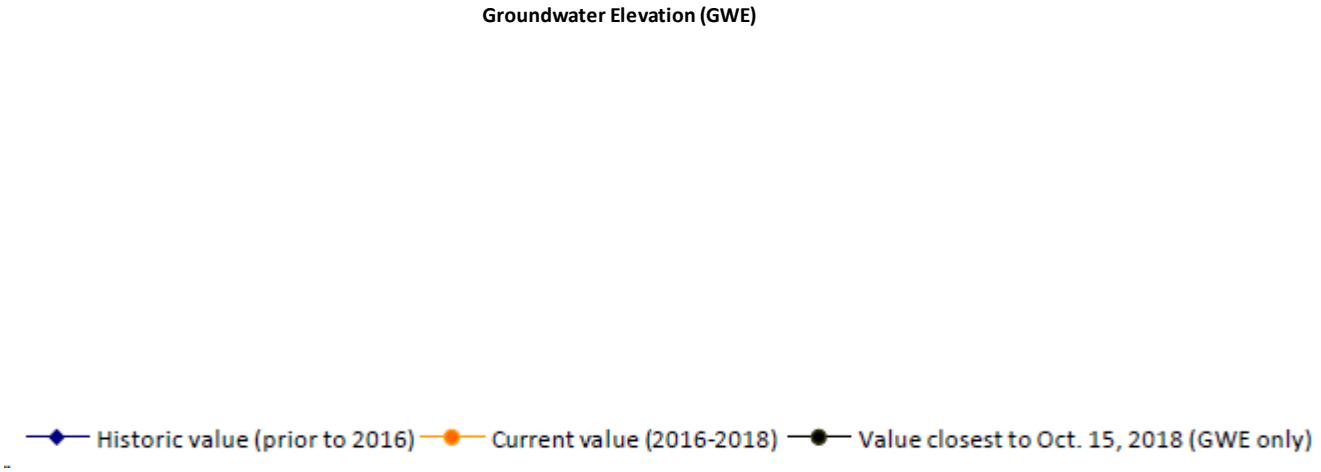
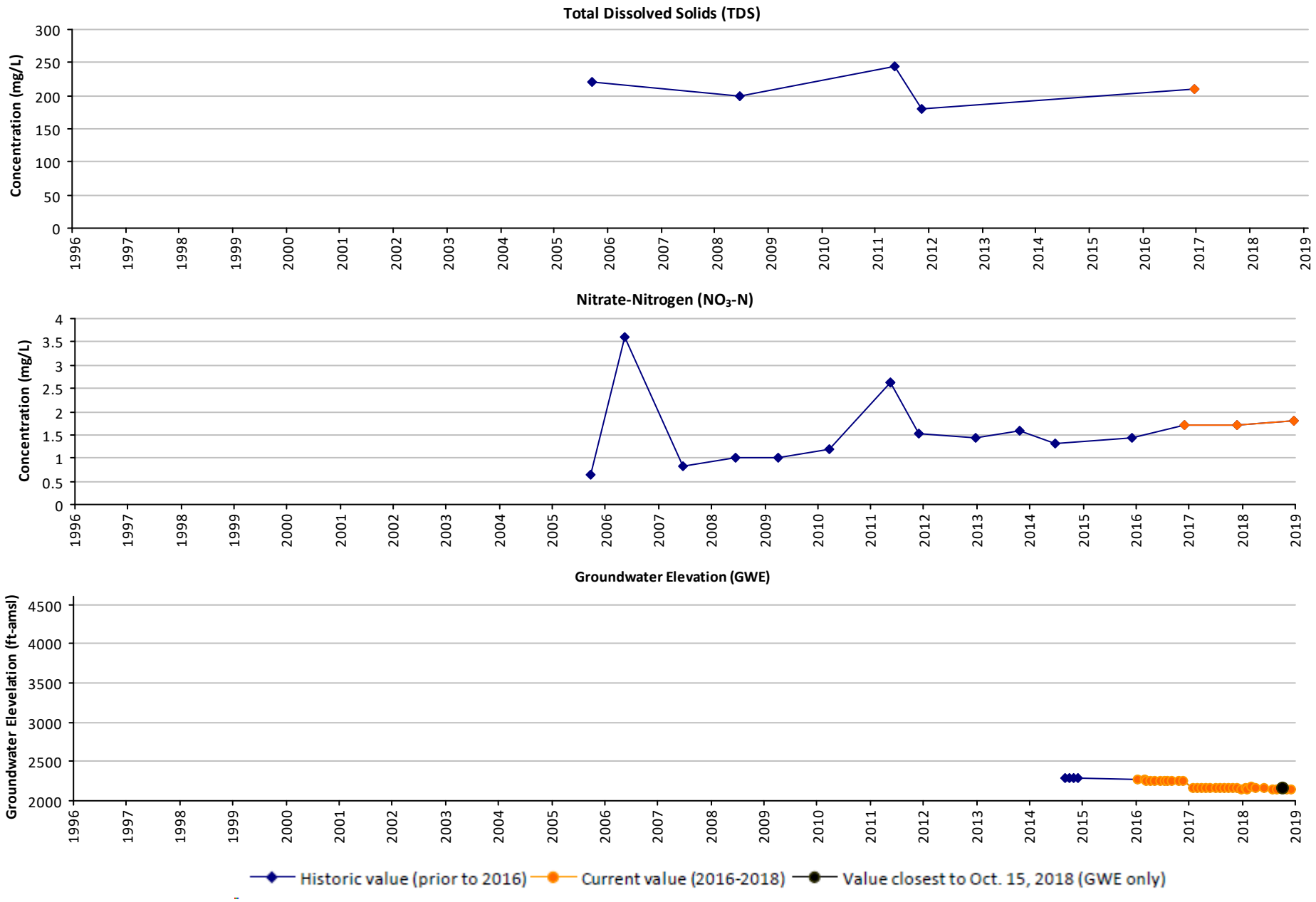
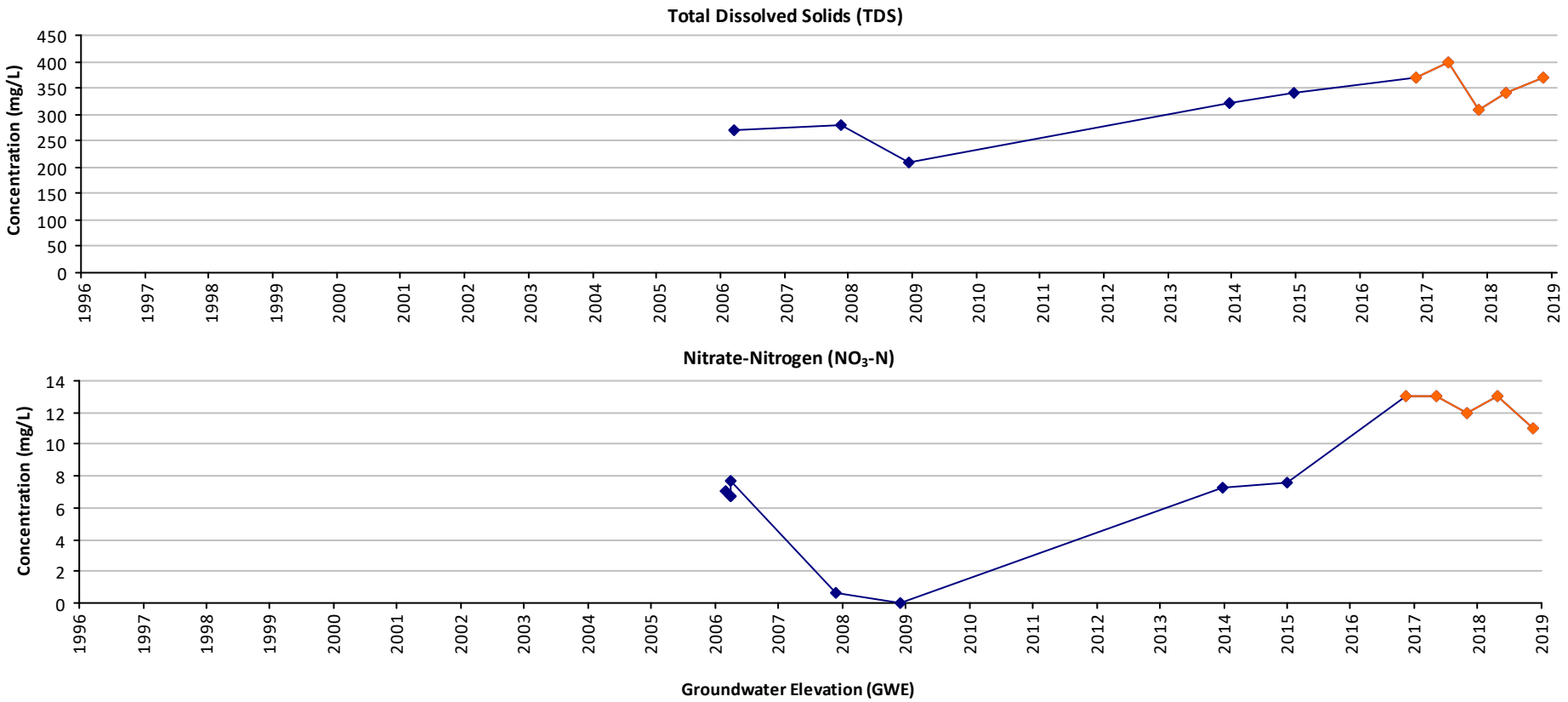
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

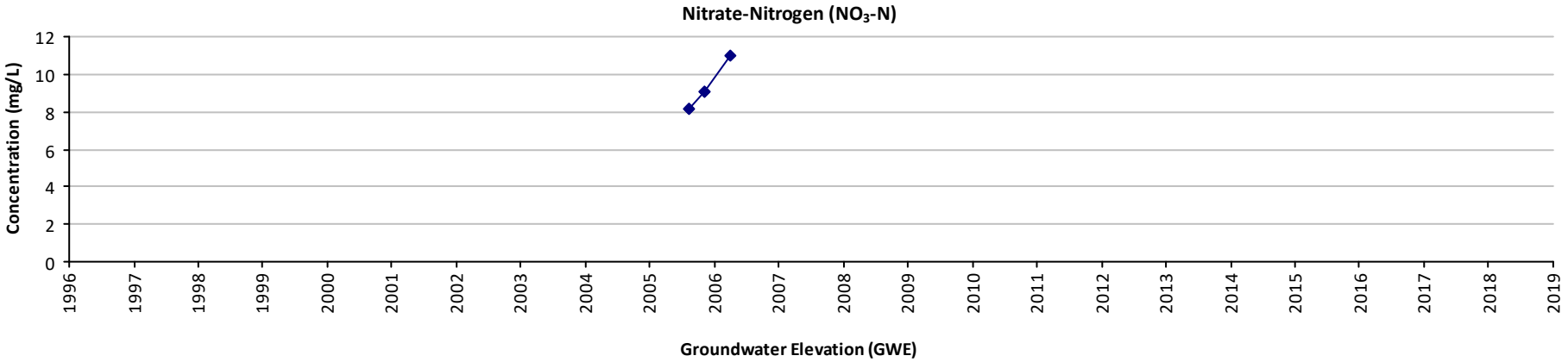

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

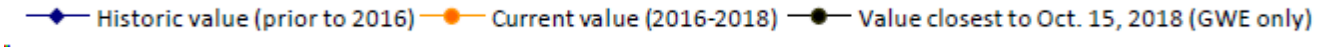

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

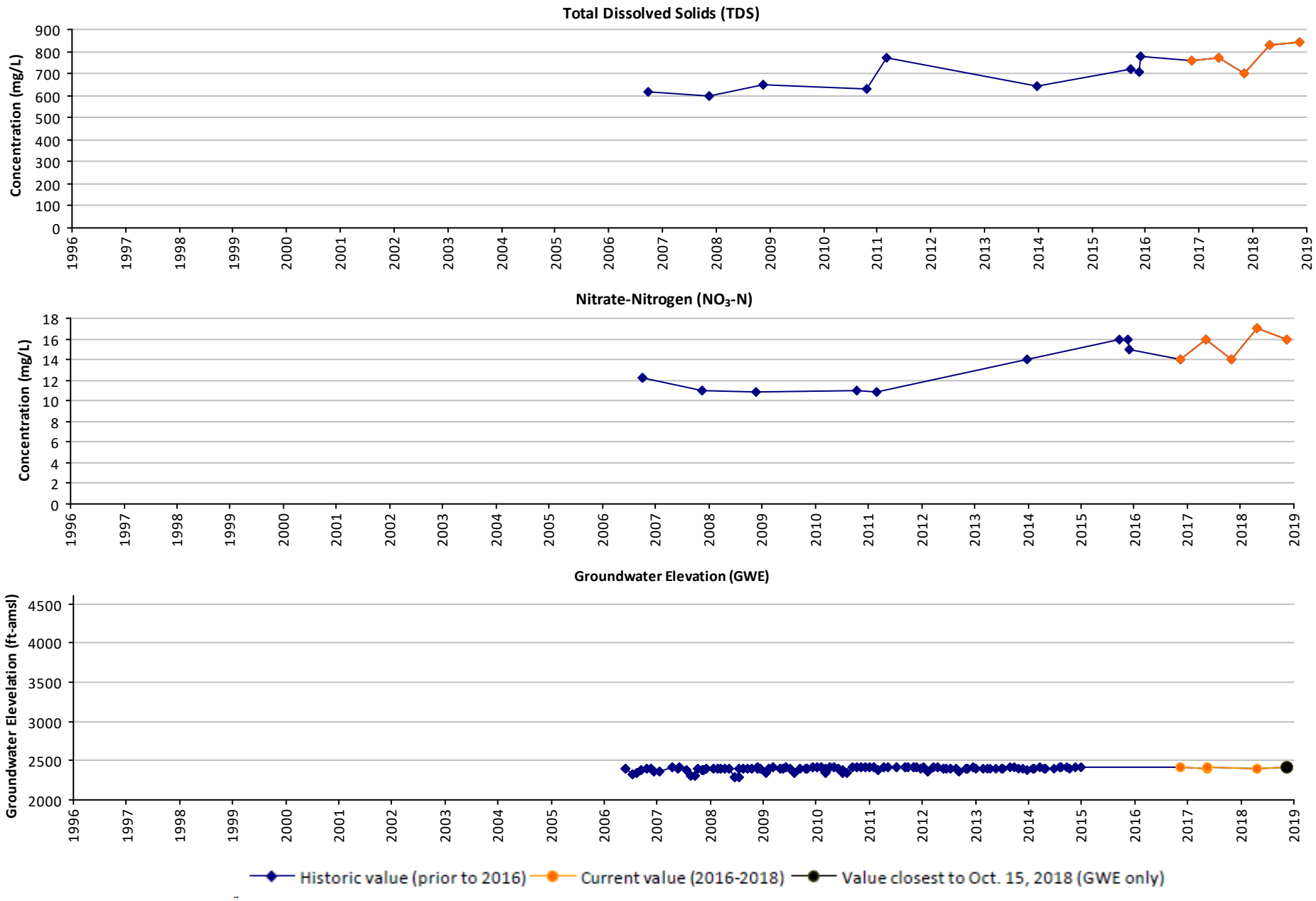

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

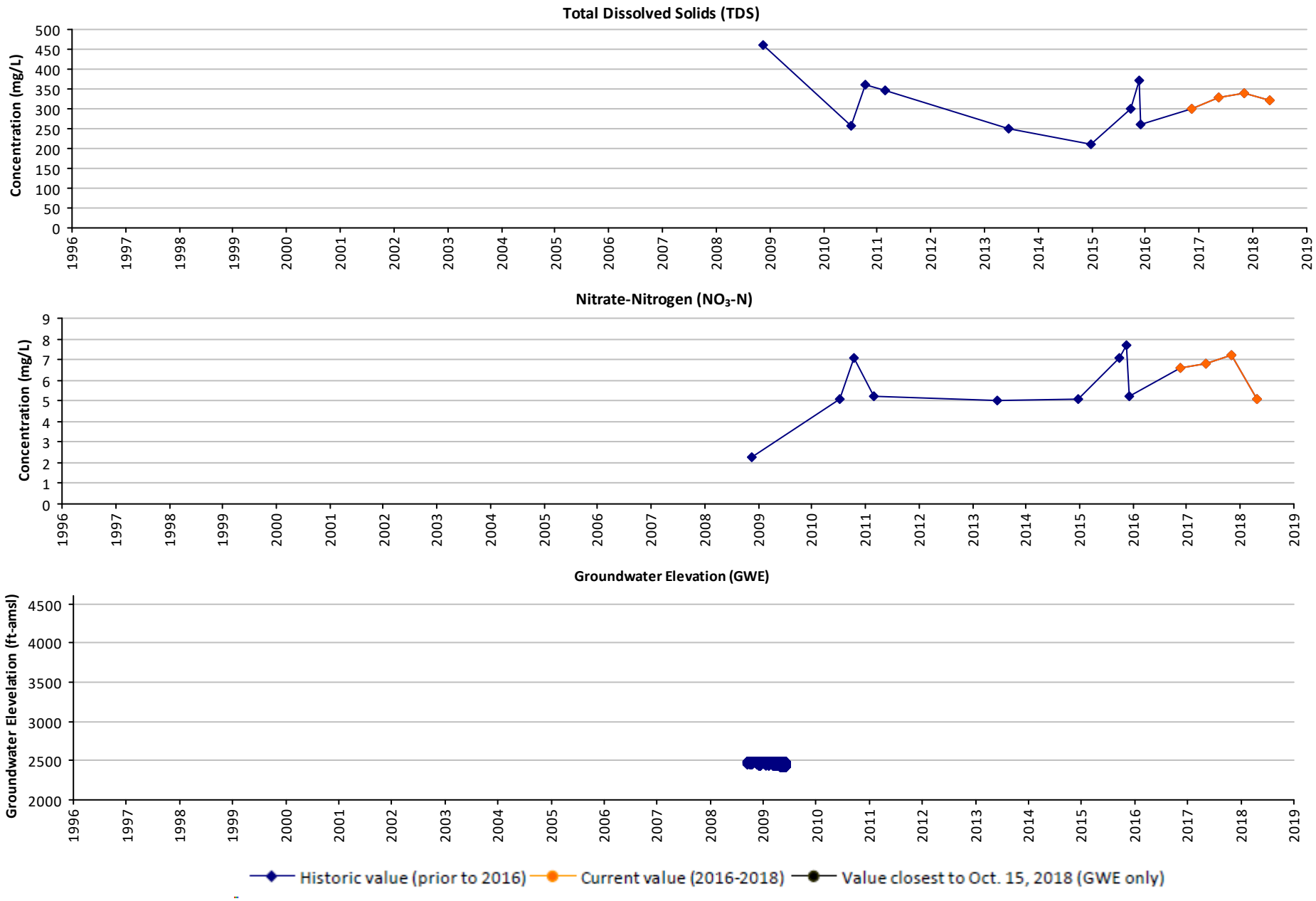

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

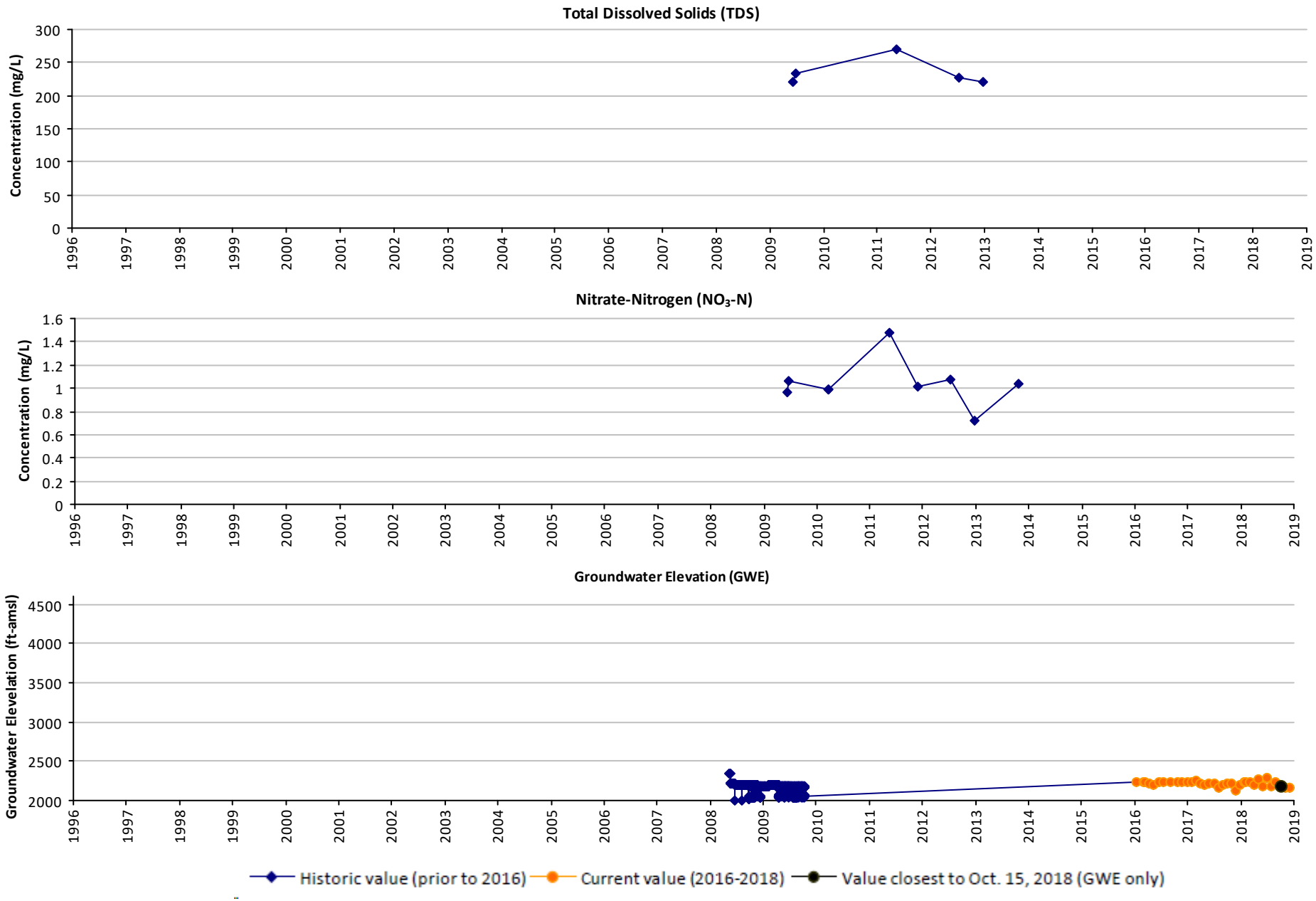
Total Dissolved Solids (TDS)

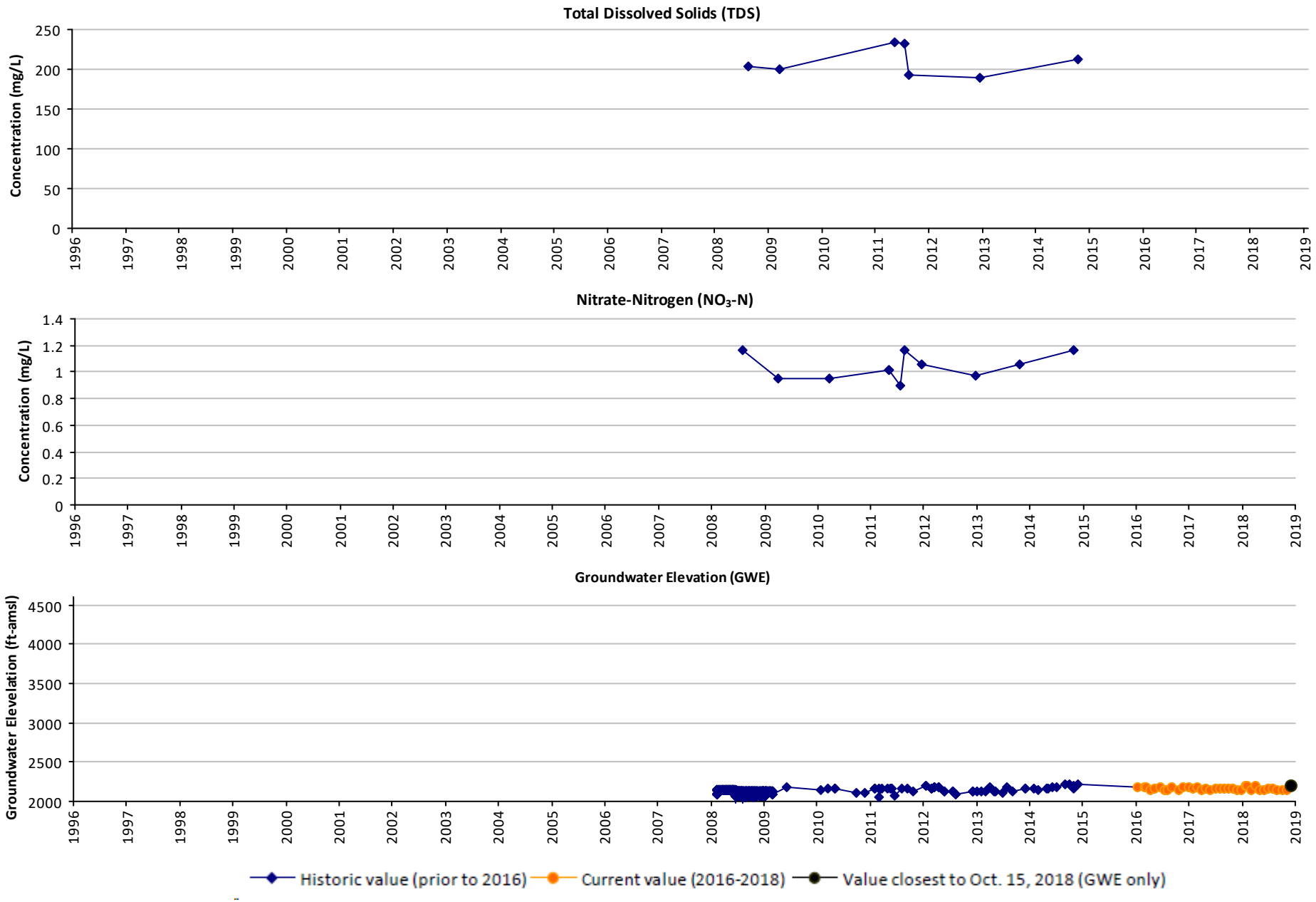


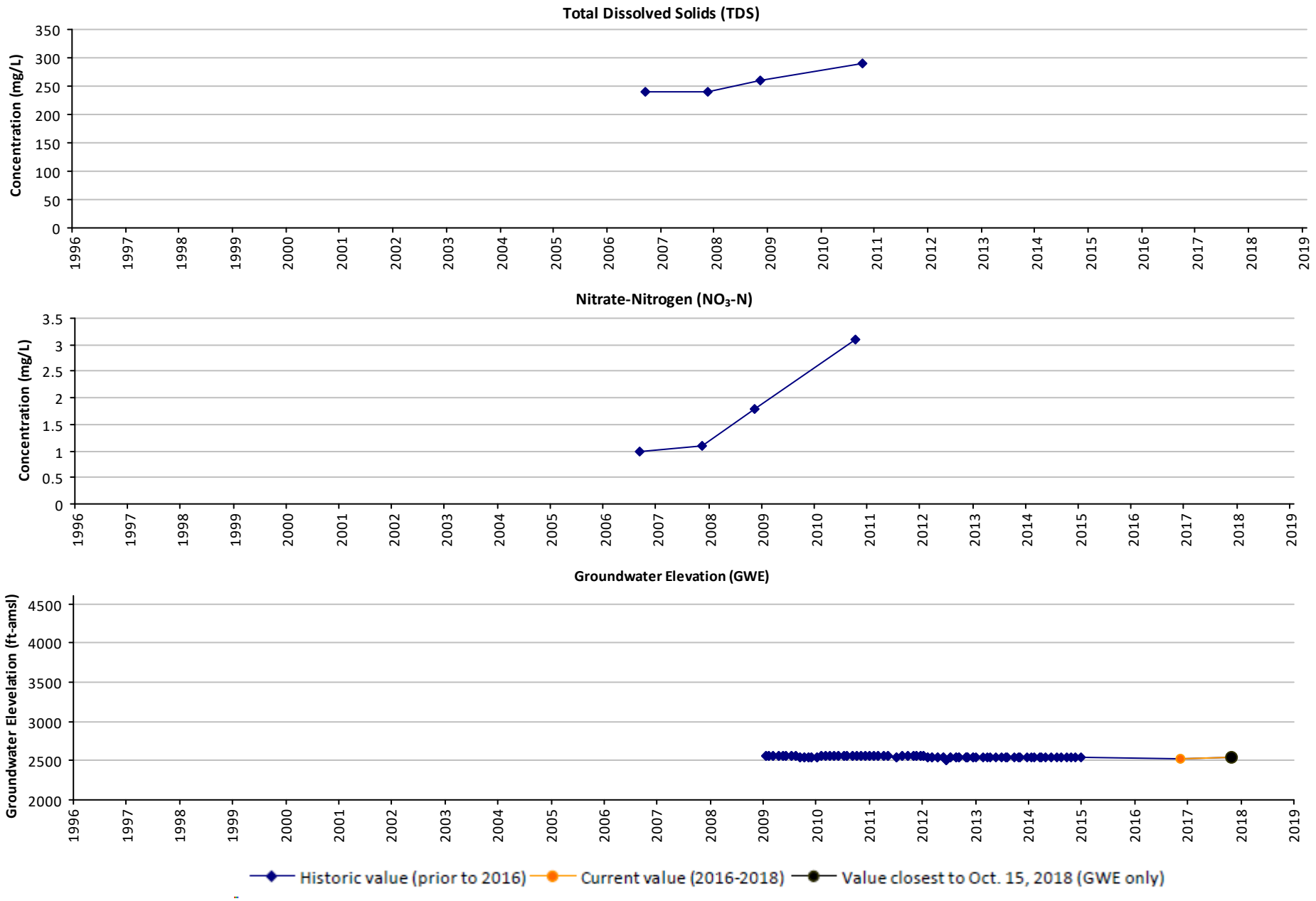


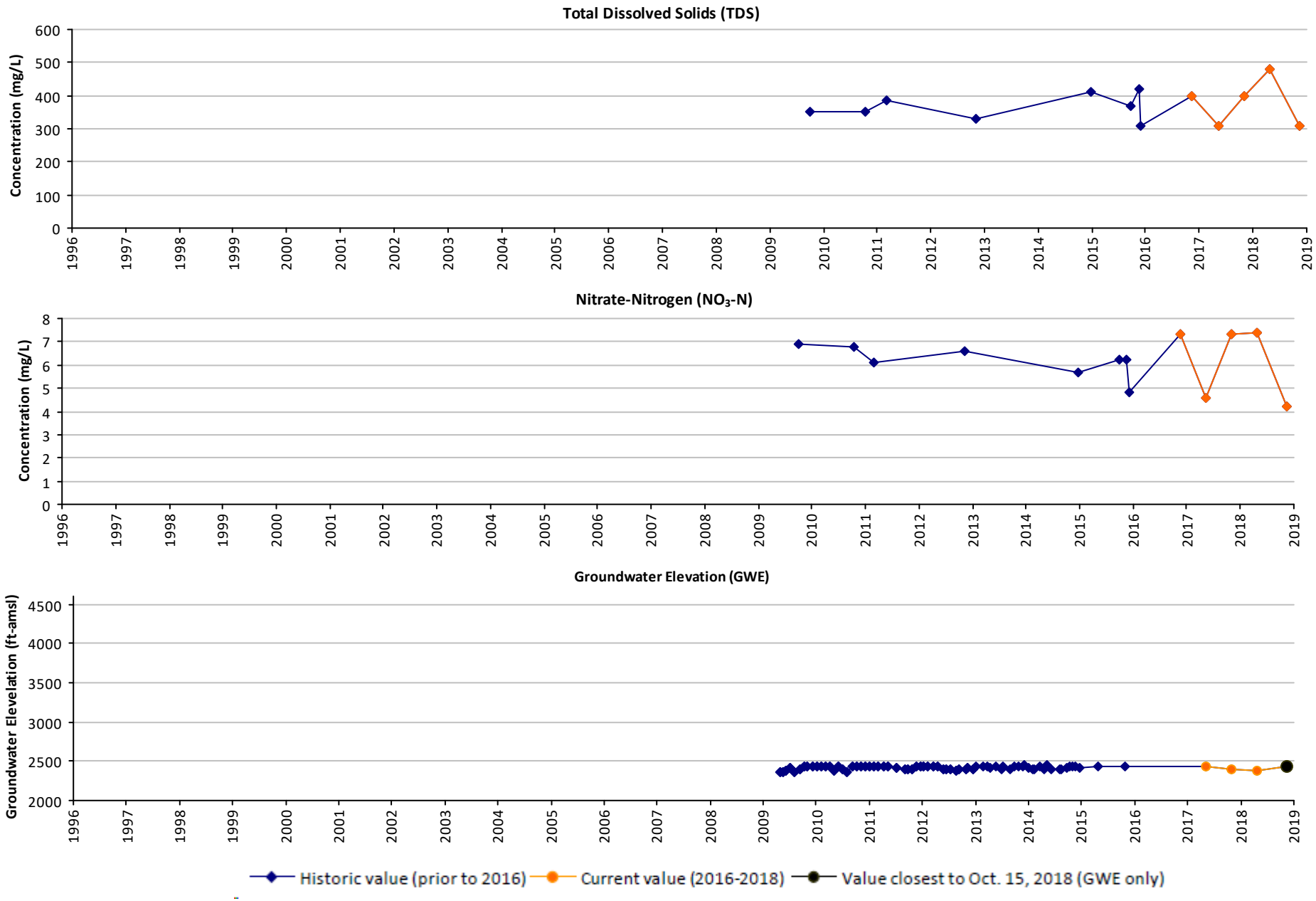

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

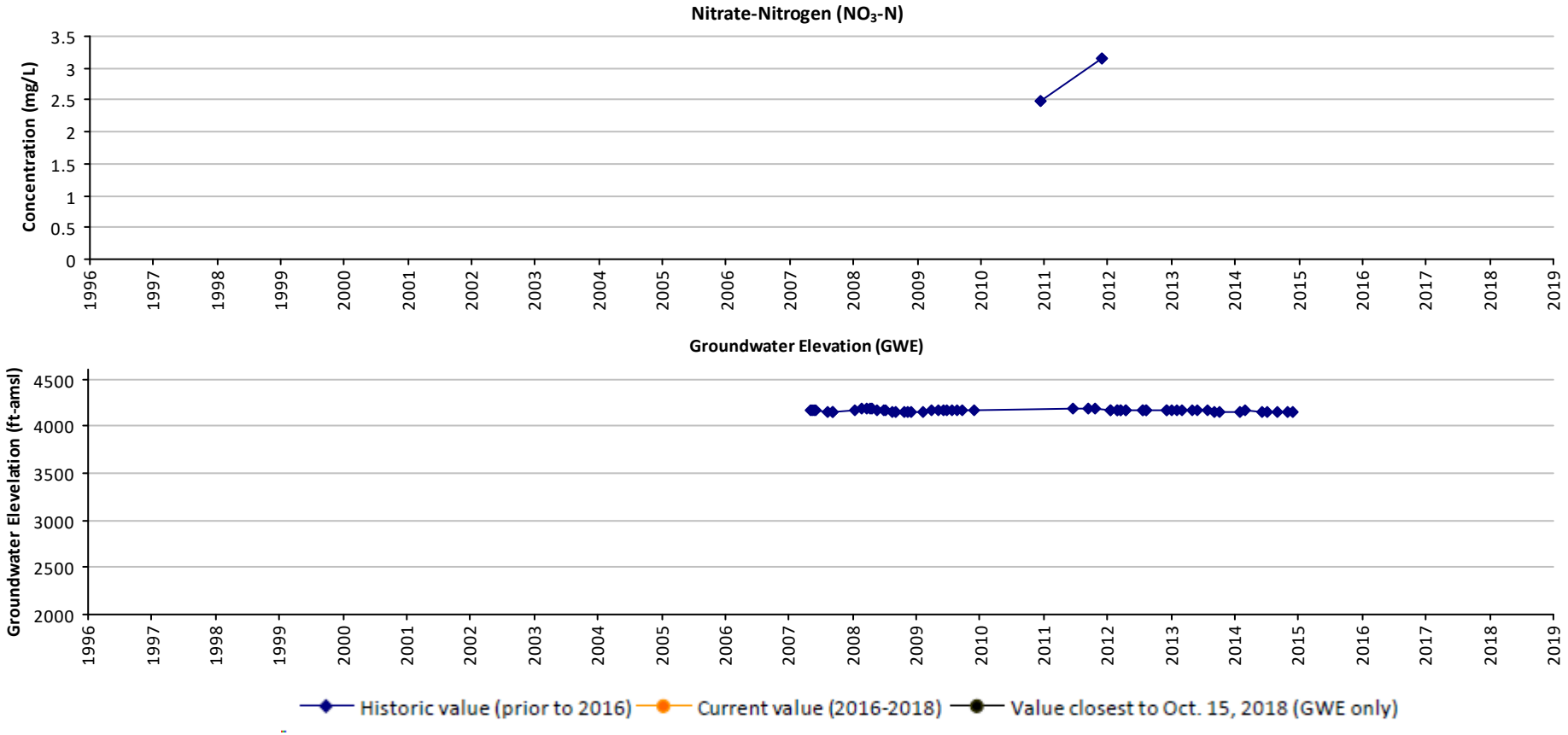

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

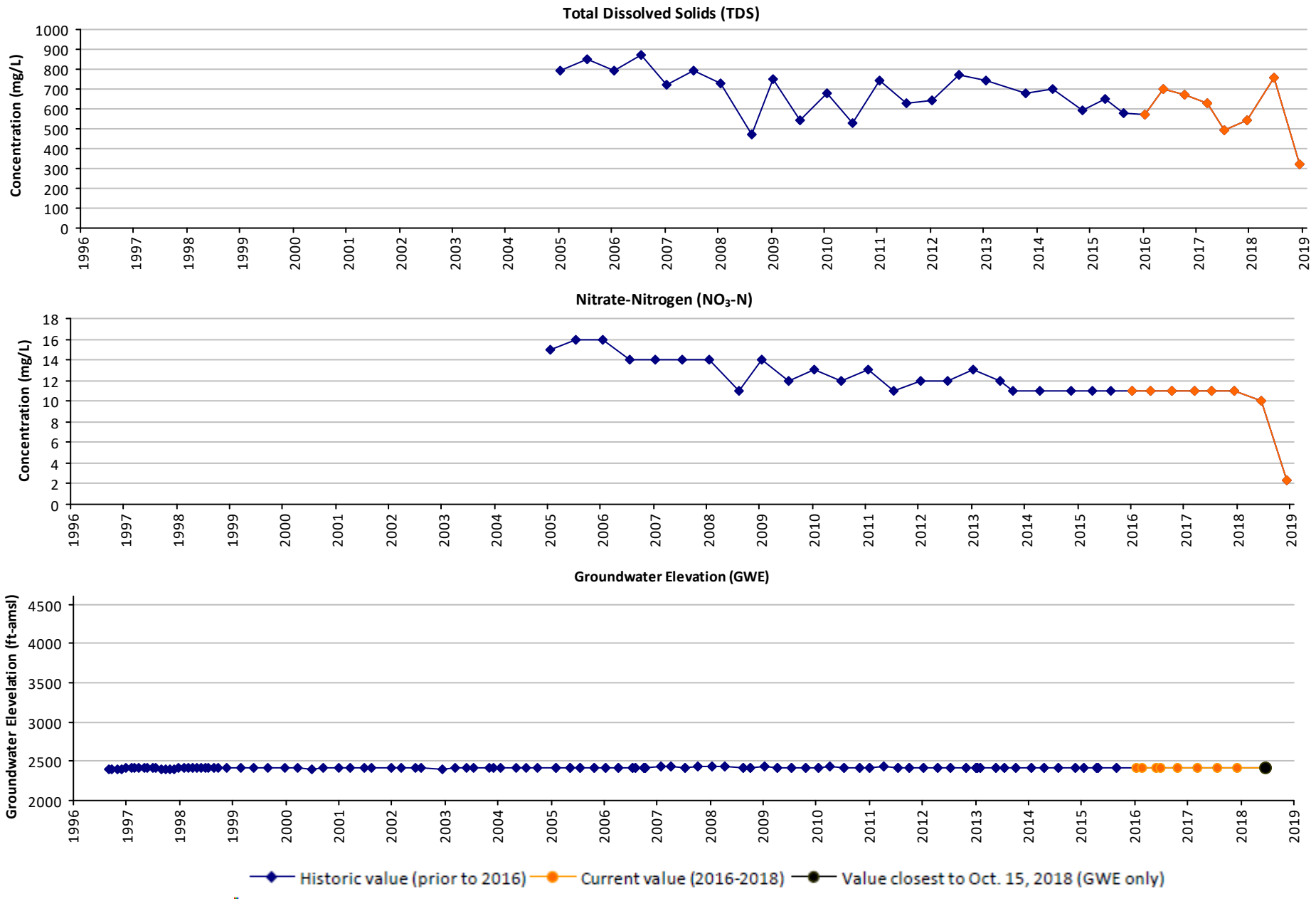

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

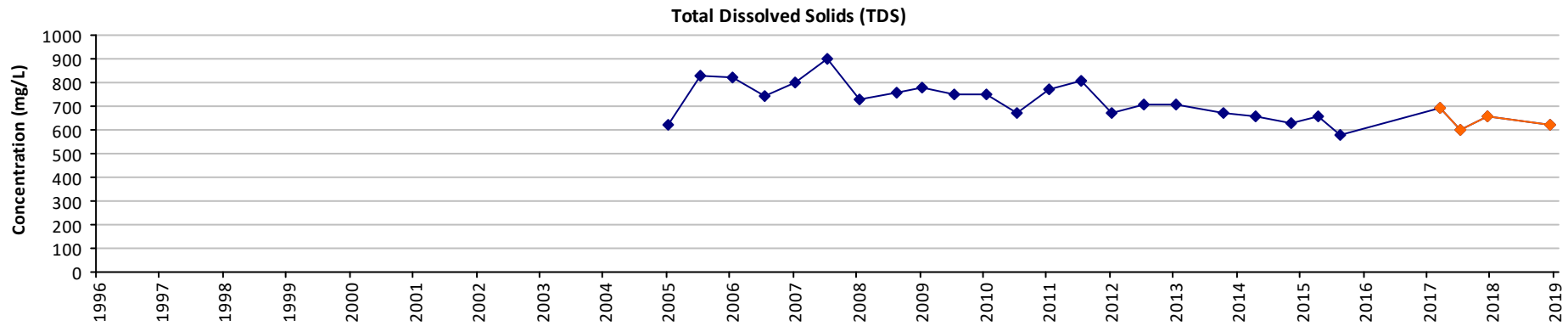

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
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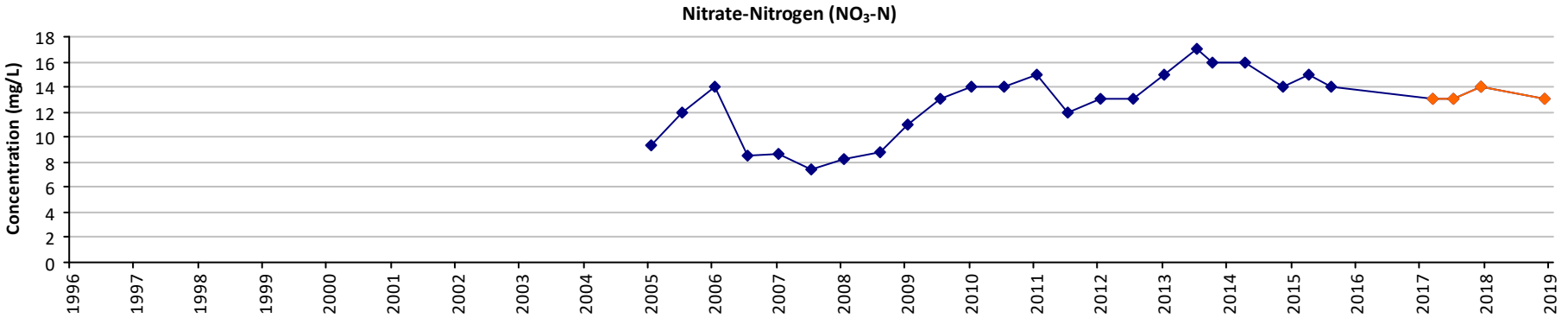
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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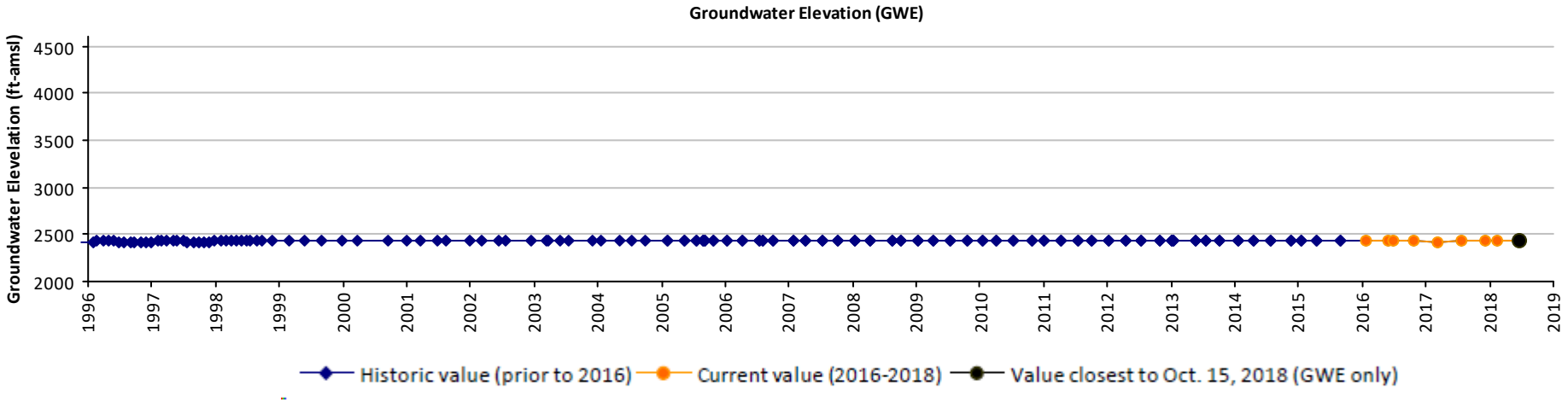
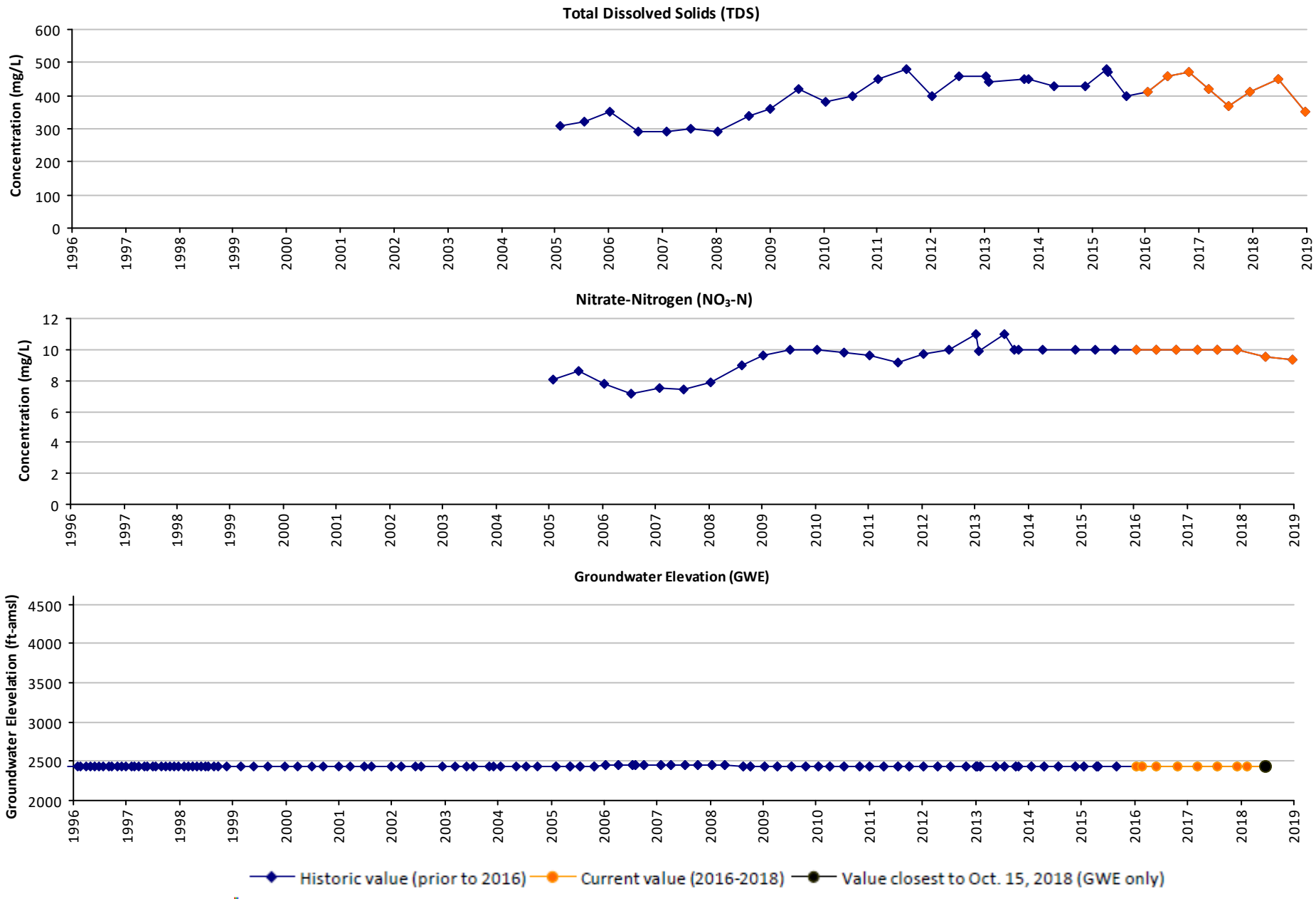
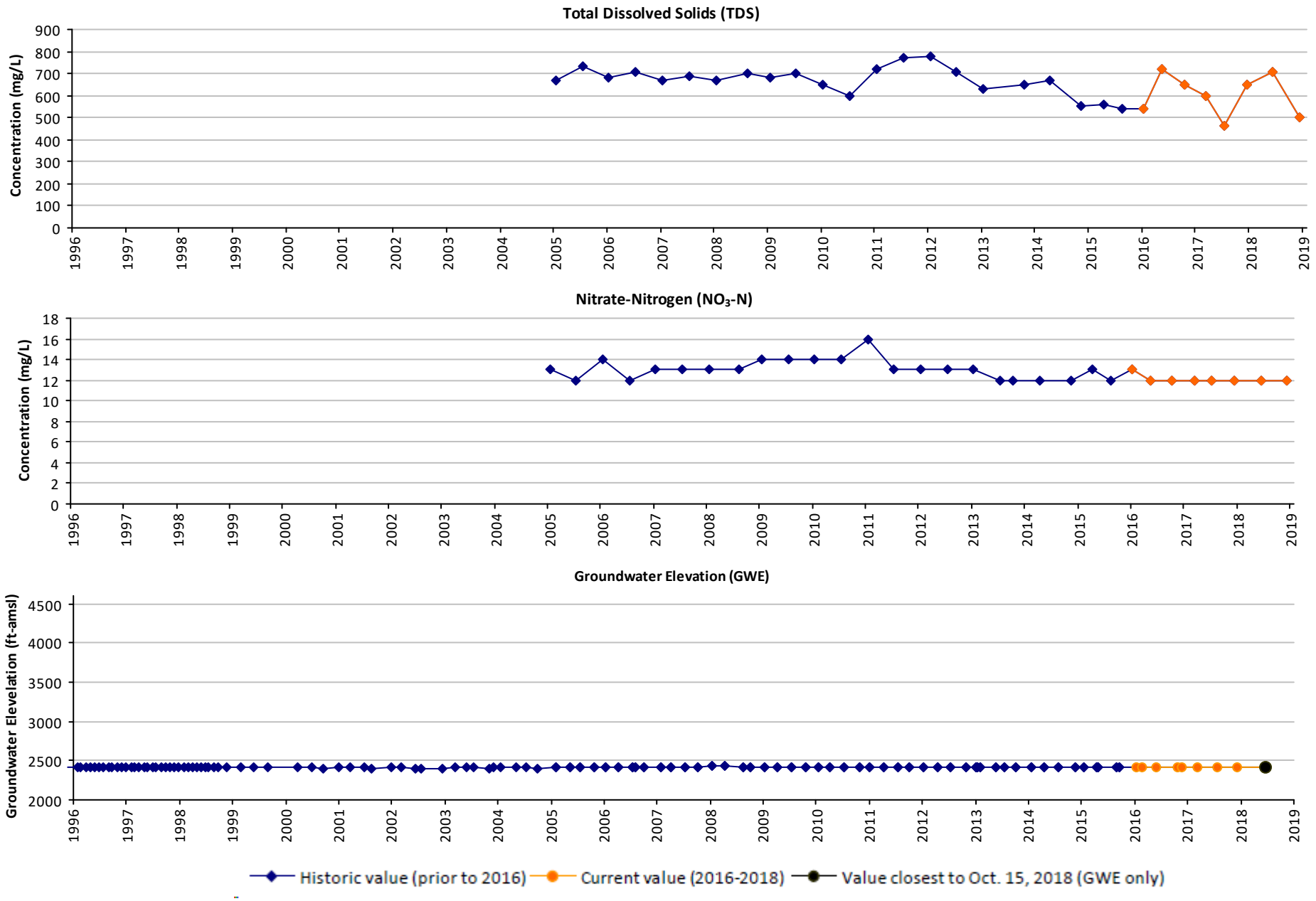
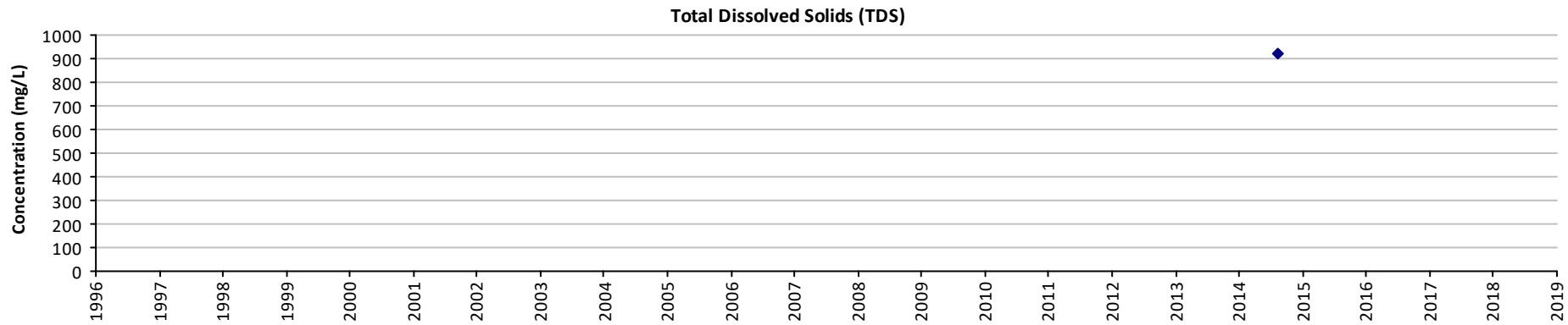
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2010
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2012
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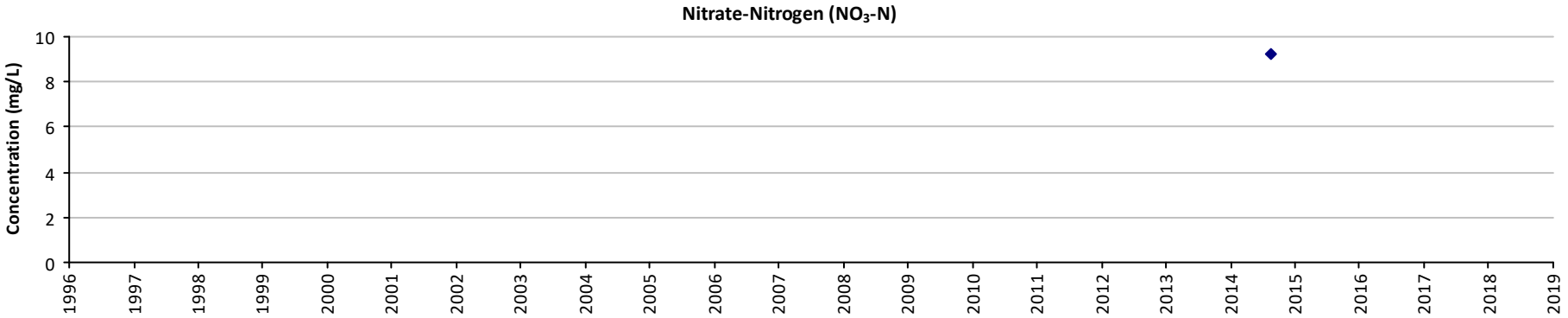
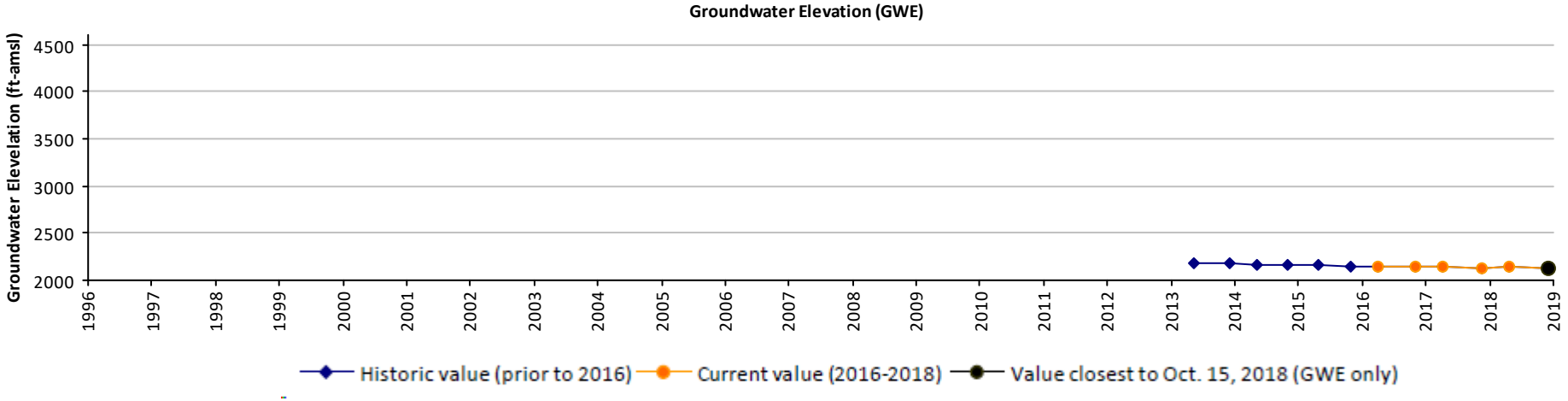
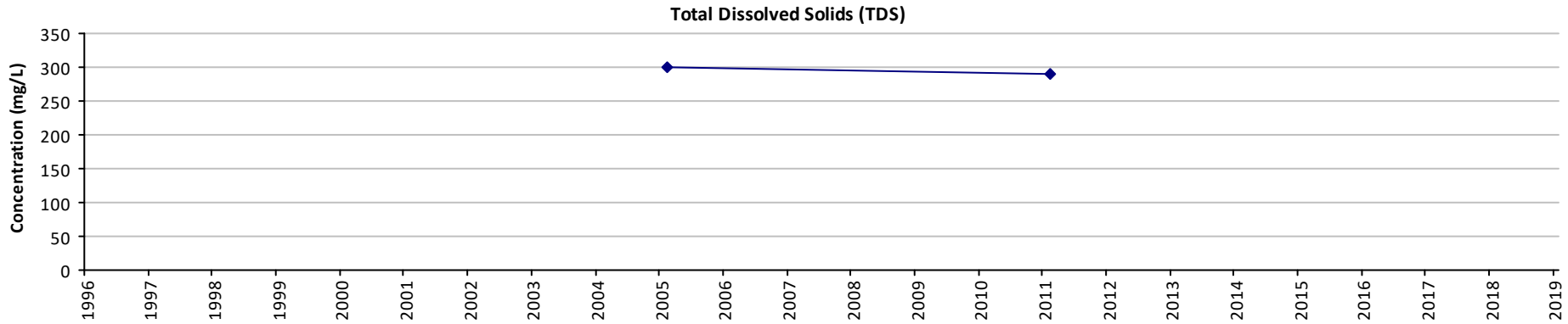
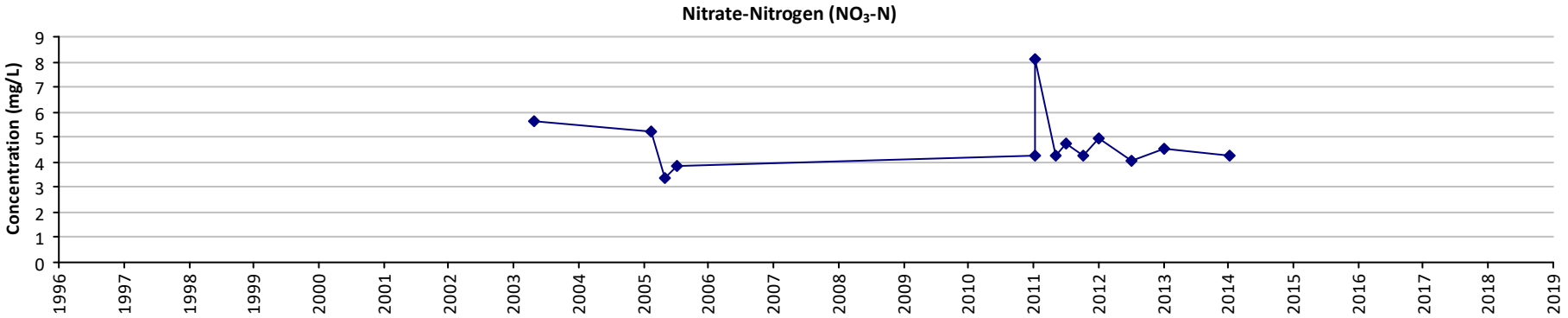
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
4500
4000
3500
3000
2500
2000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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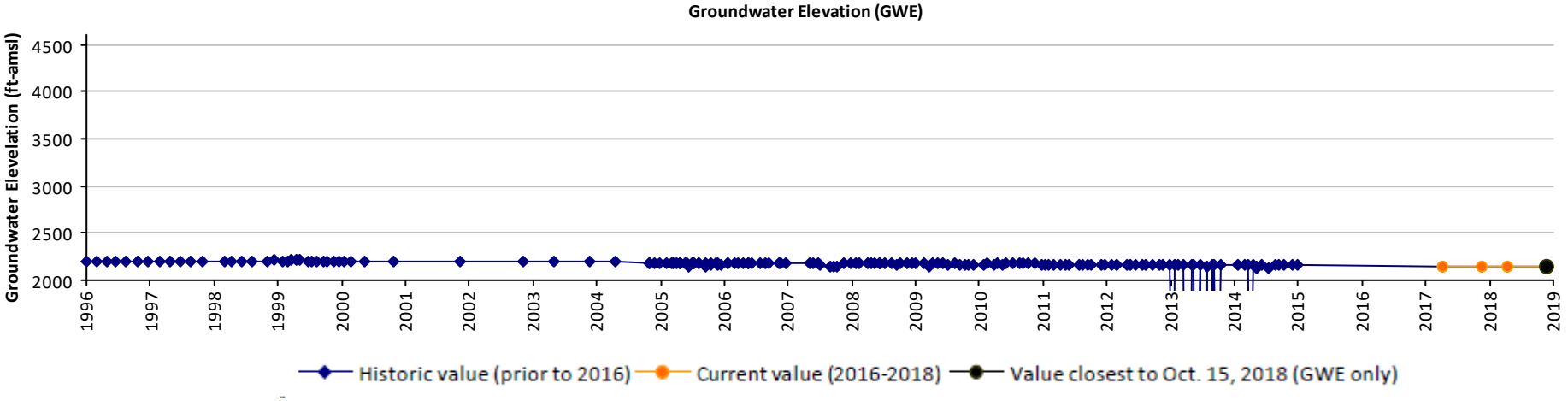
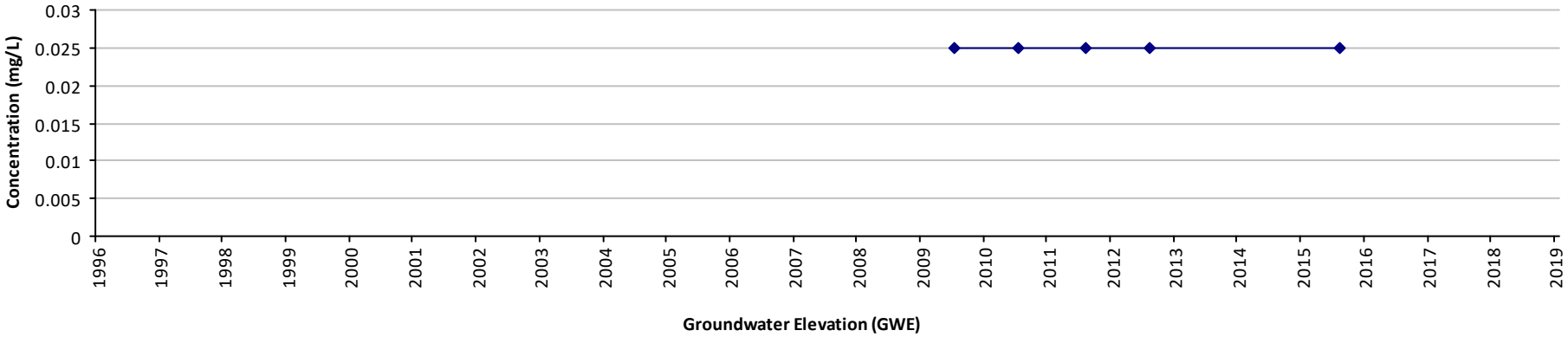
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

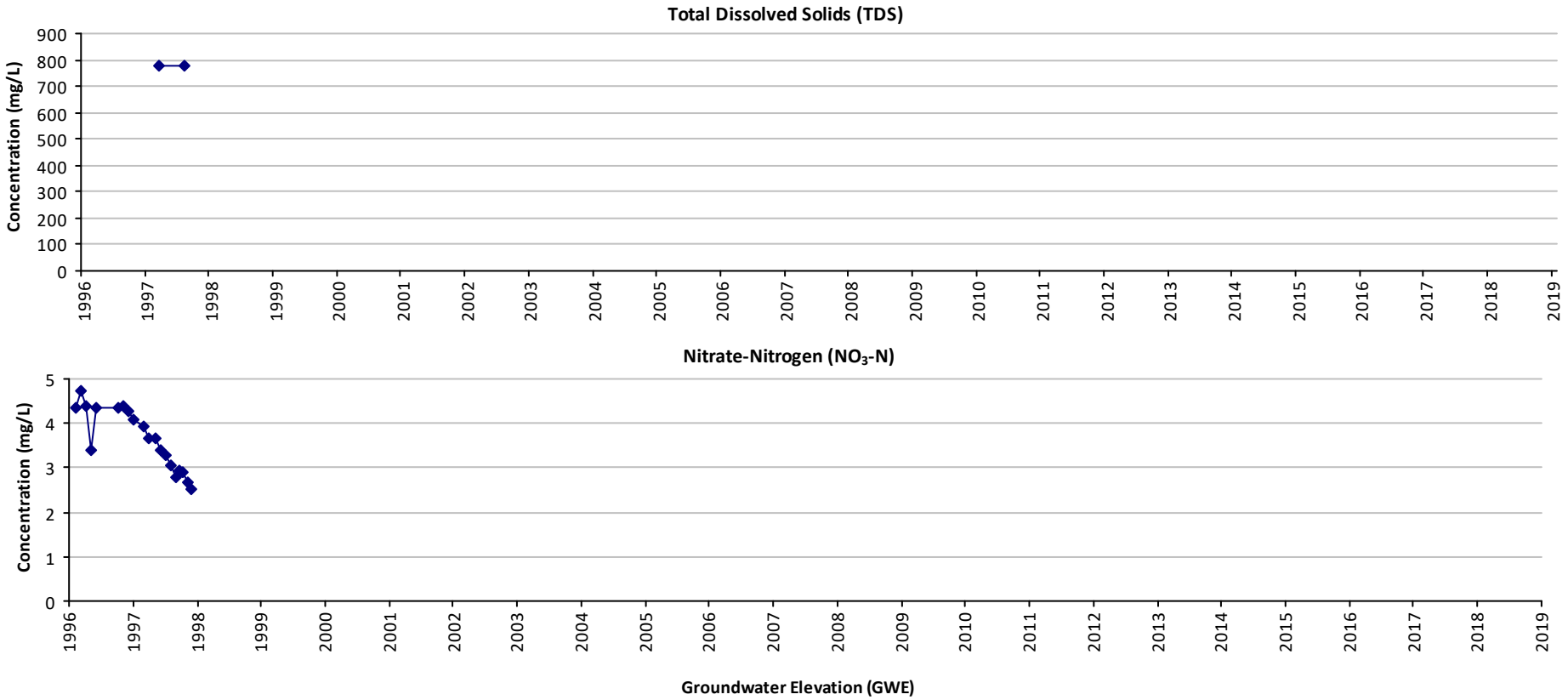
Nitrate-Nitrogen (NO_3-N)

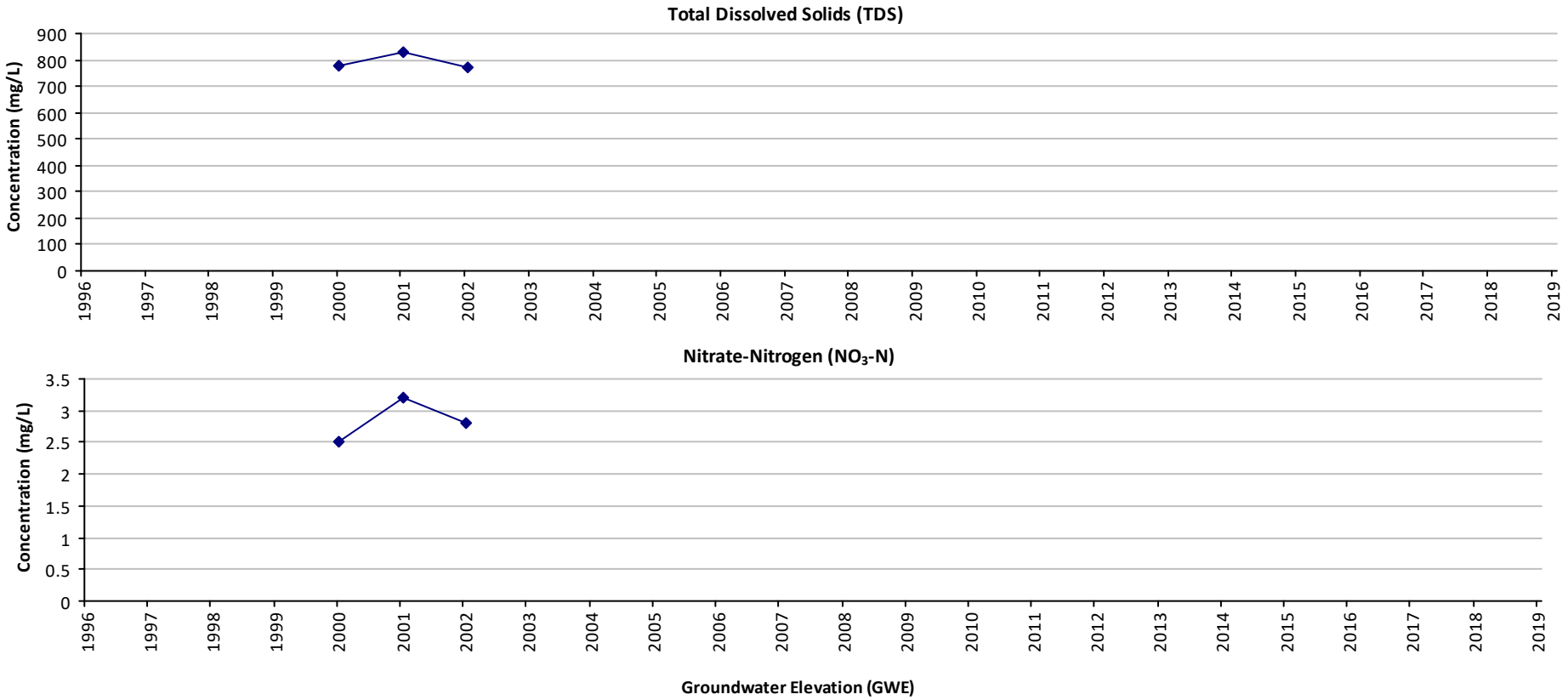


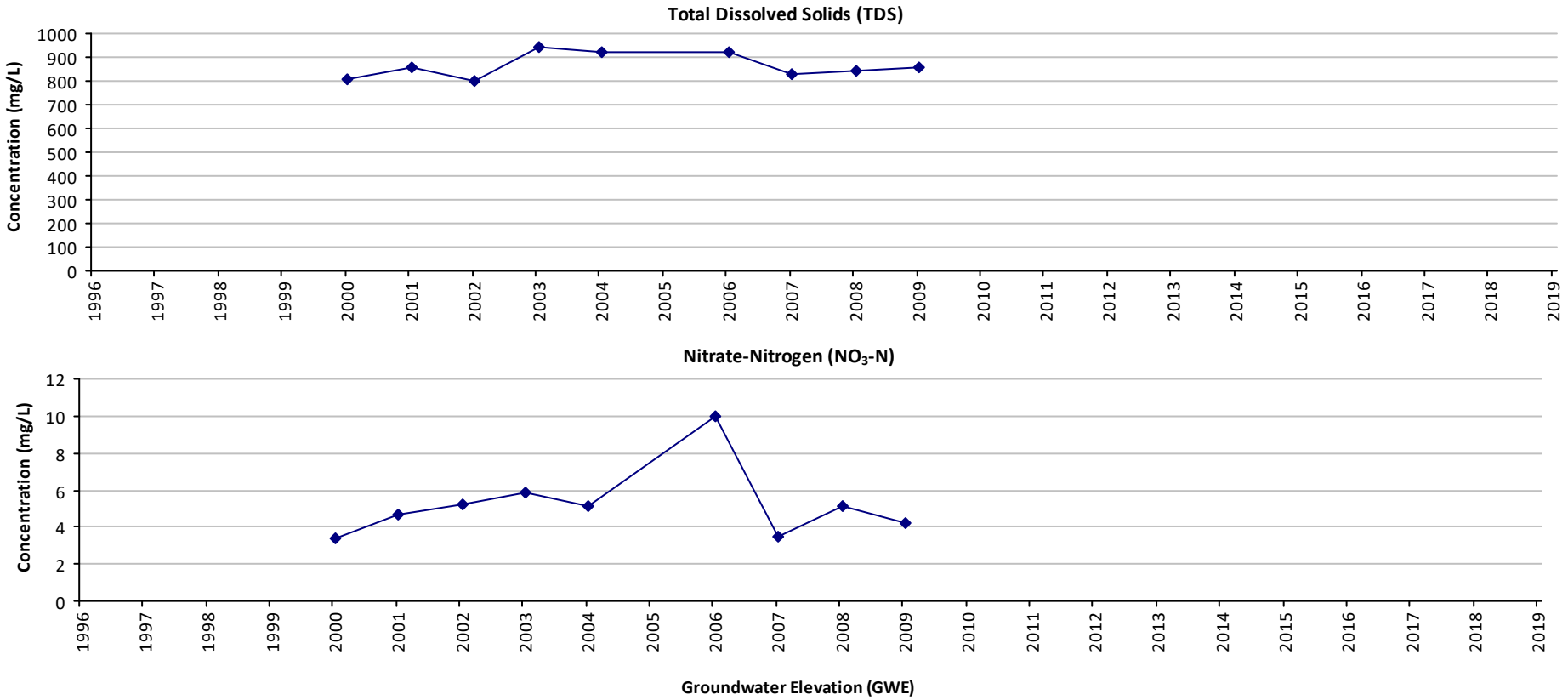
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

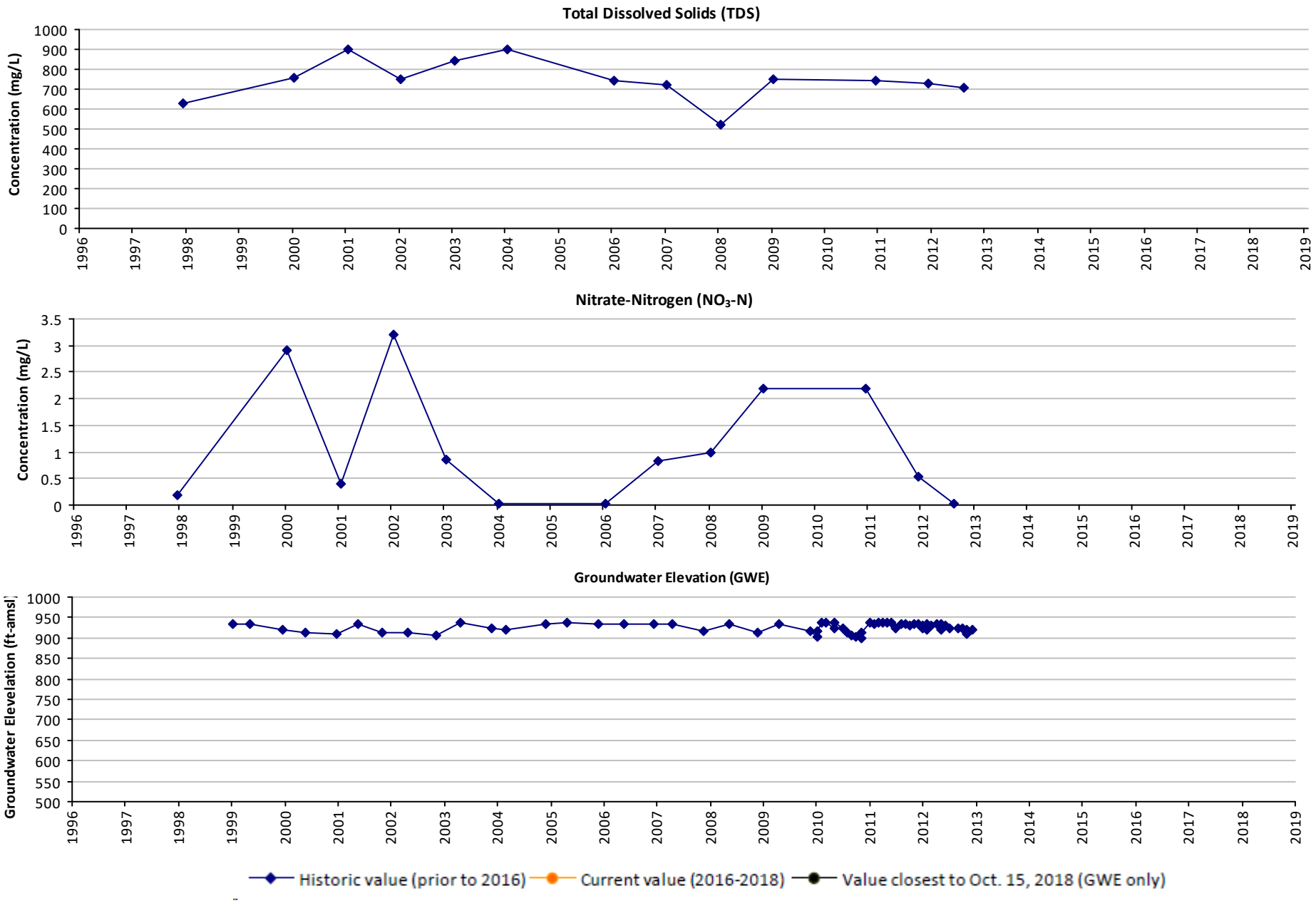
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

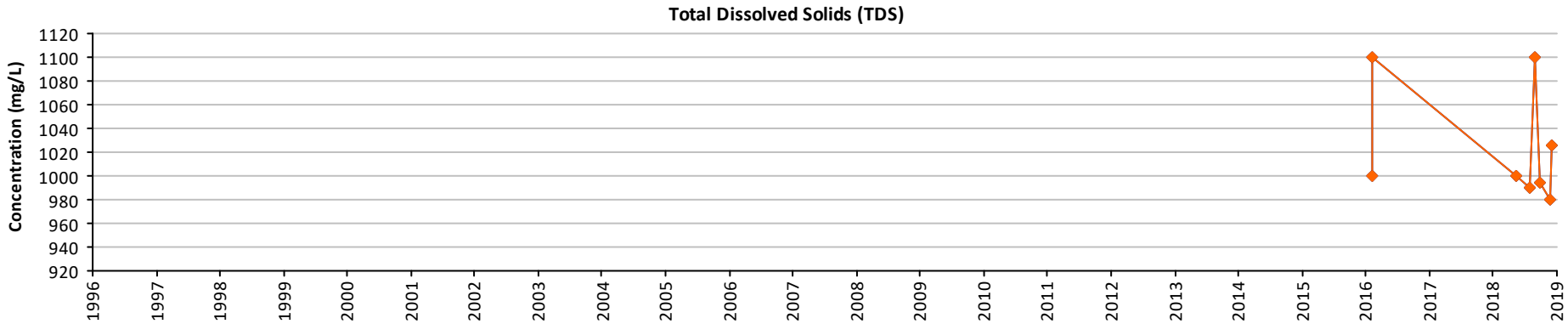
Well ID: 1005345
Management Zone: Bedford

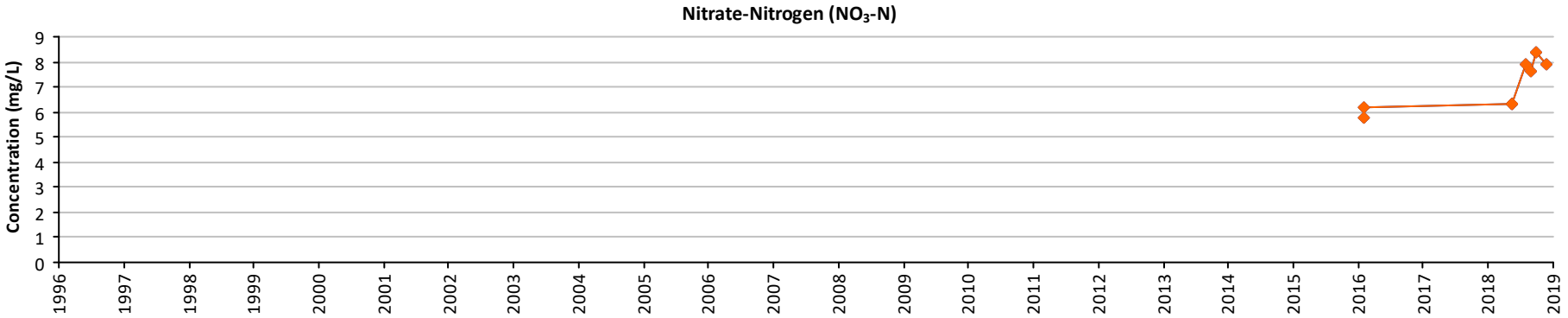


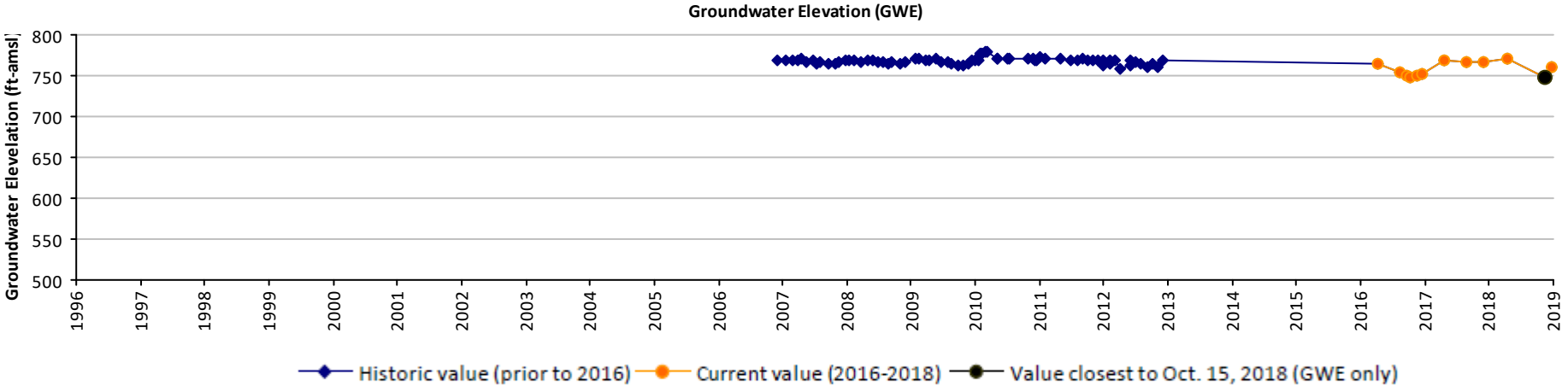

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

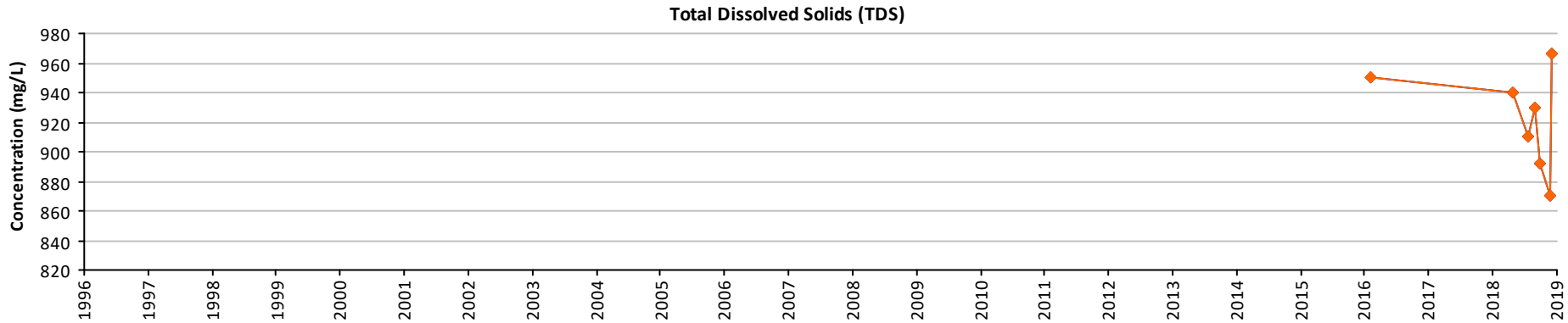

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

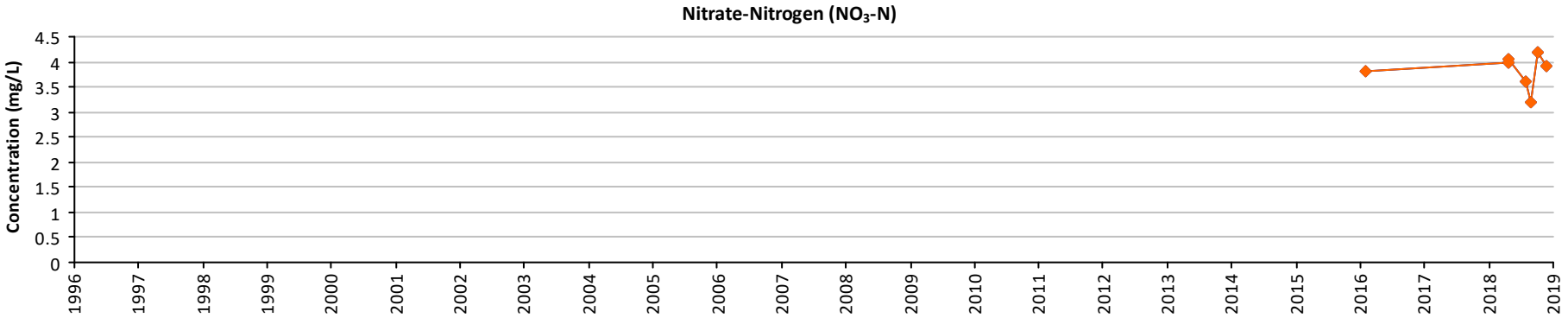

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

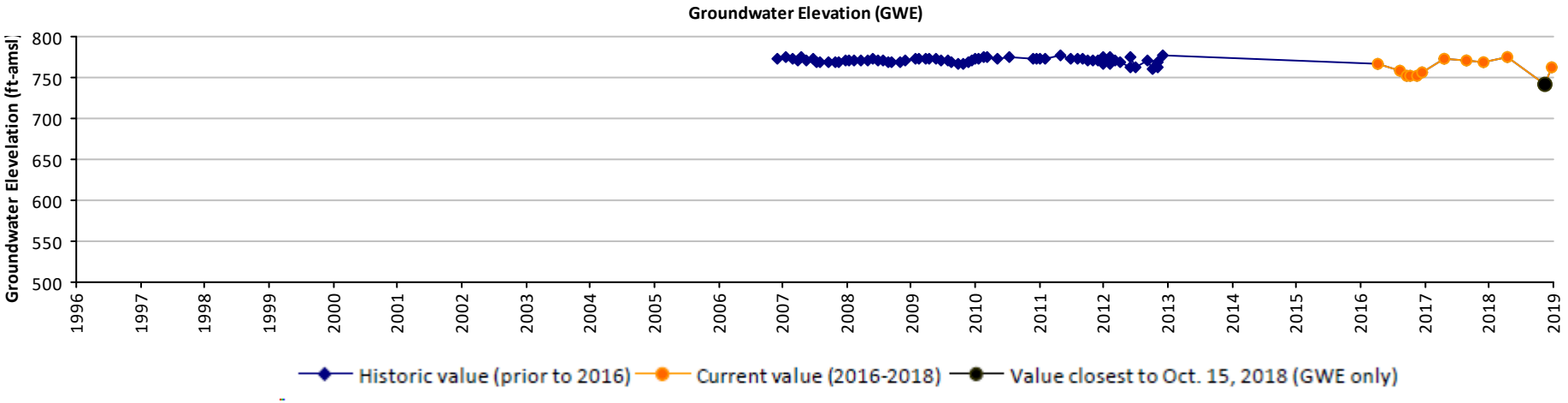

Total Dissolved Solids (TDS)
Concentration (mg/L)
1120
1100
1080
1060
1040
1020
1000
980
960
940
920
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

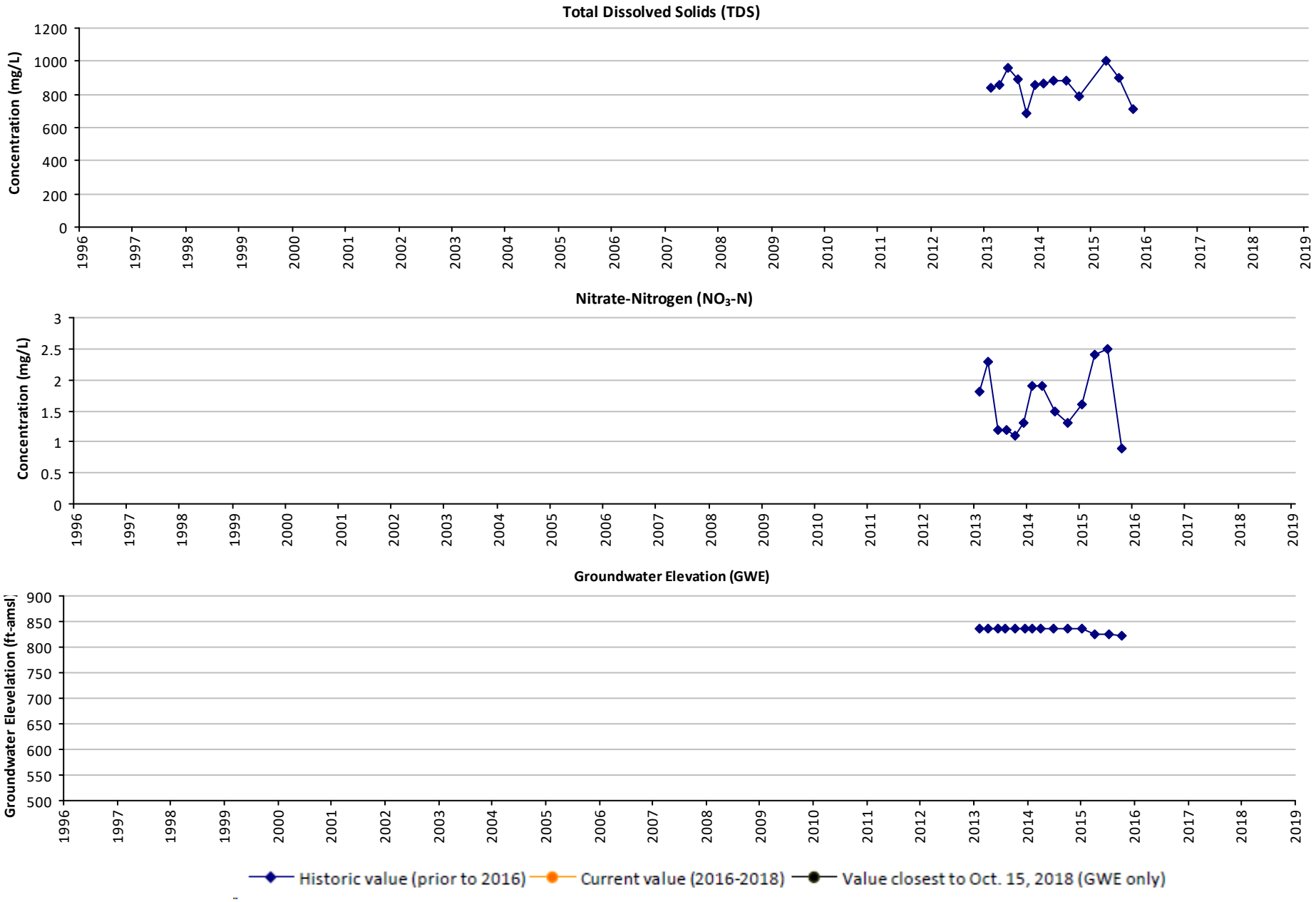

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

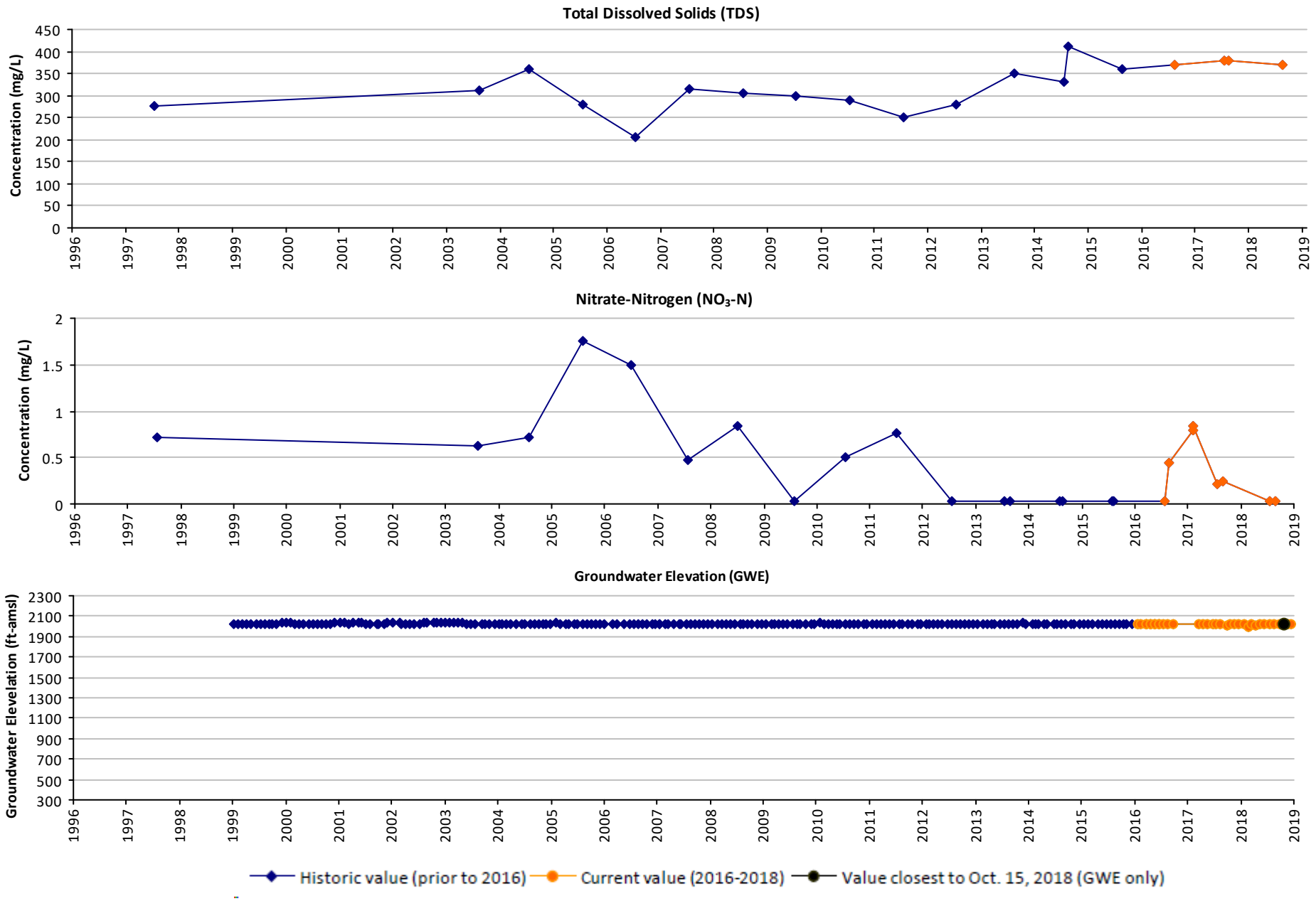

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

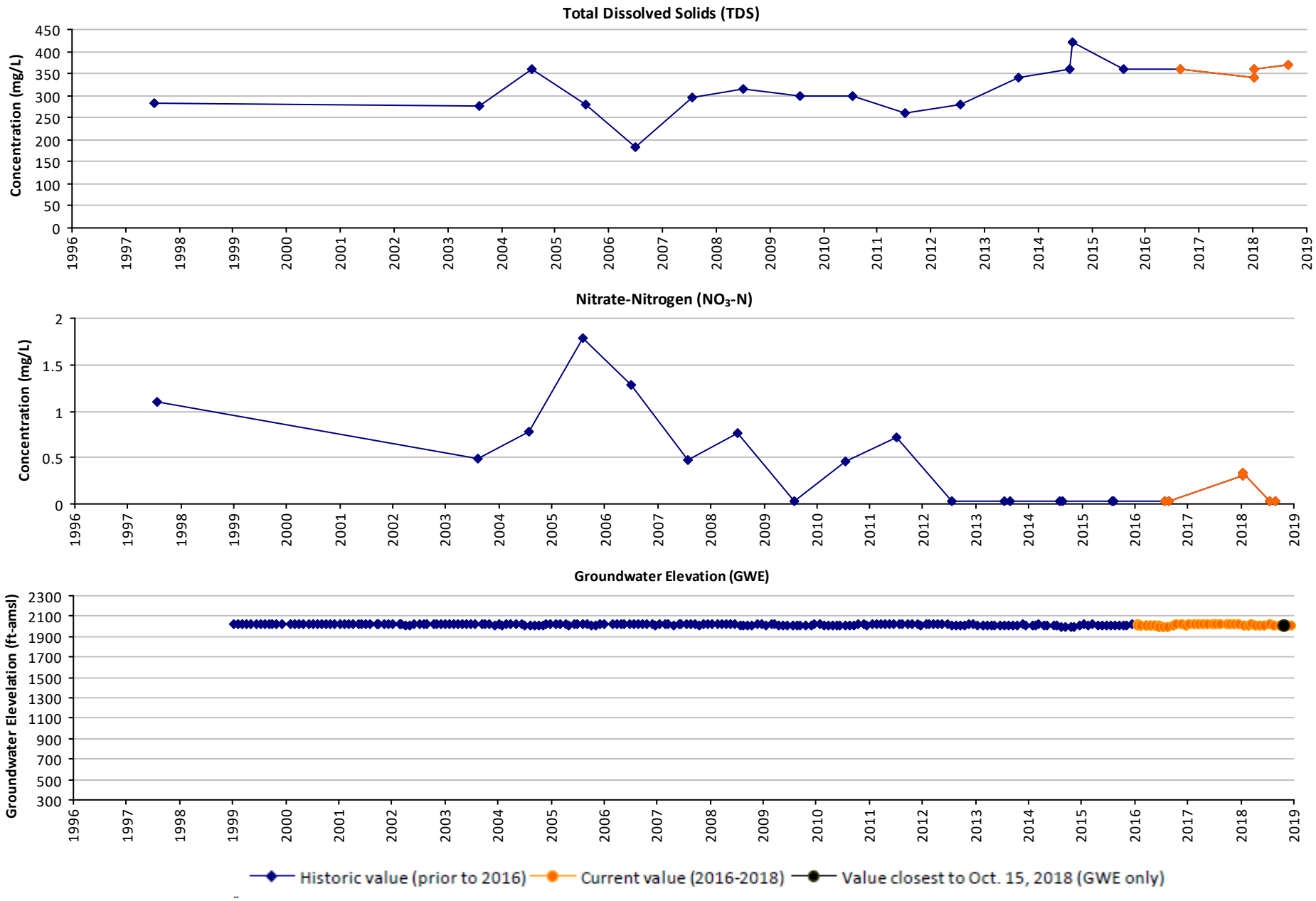

Total Dissolved Solids (TDS)
Concentration (mg/L)
980
960
940
920
900
880
860
840
820
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

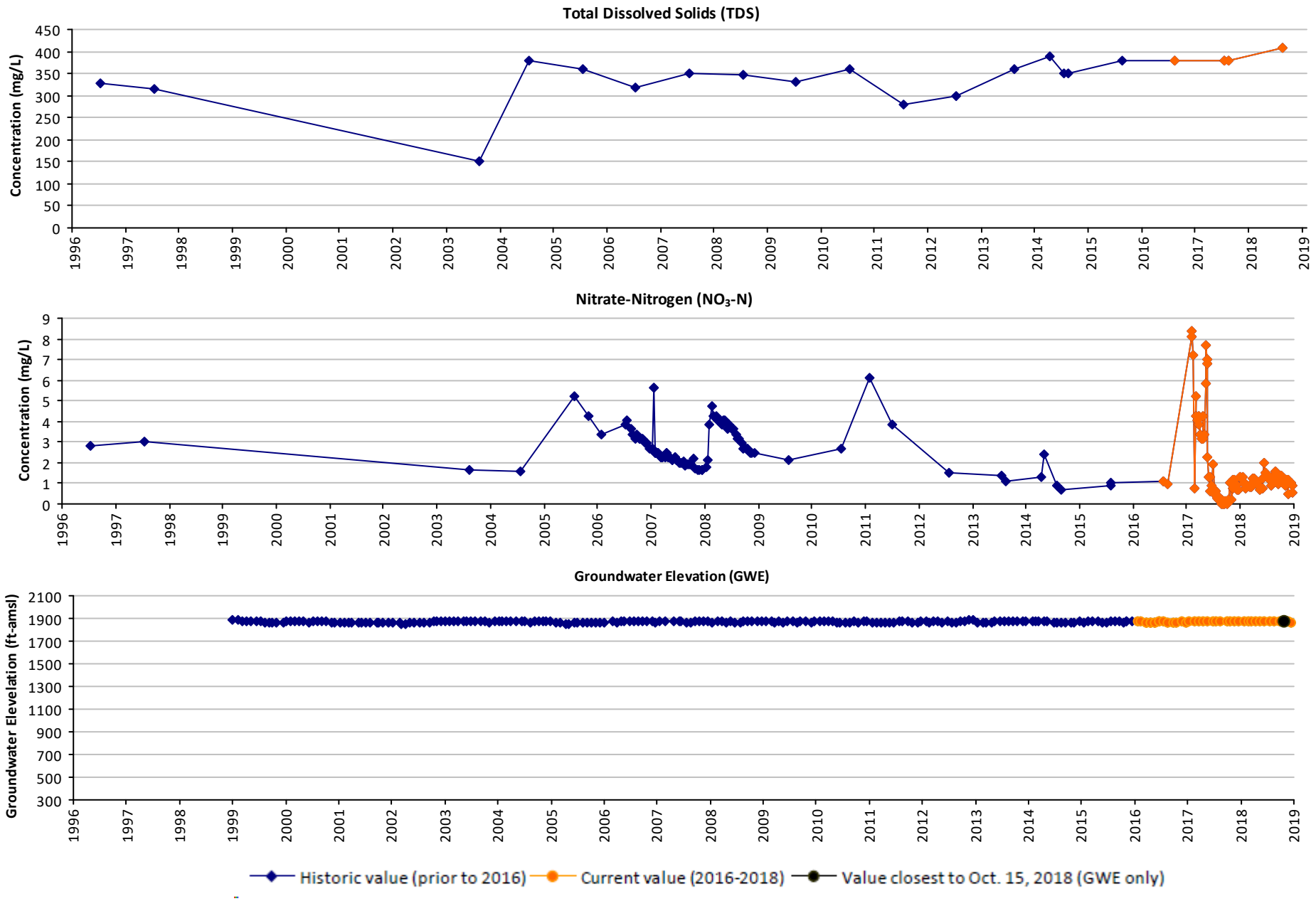

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

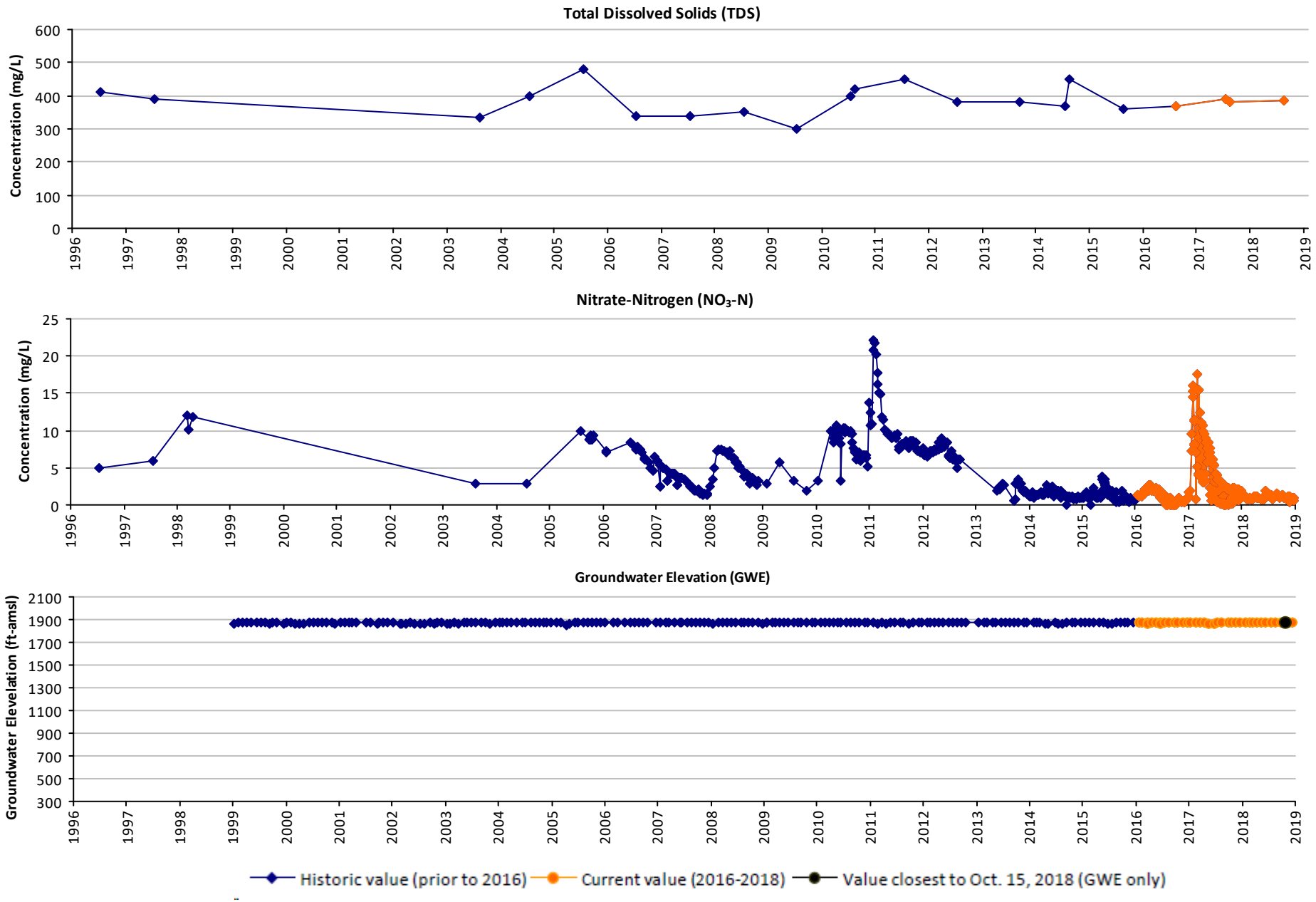

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

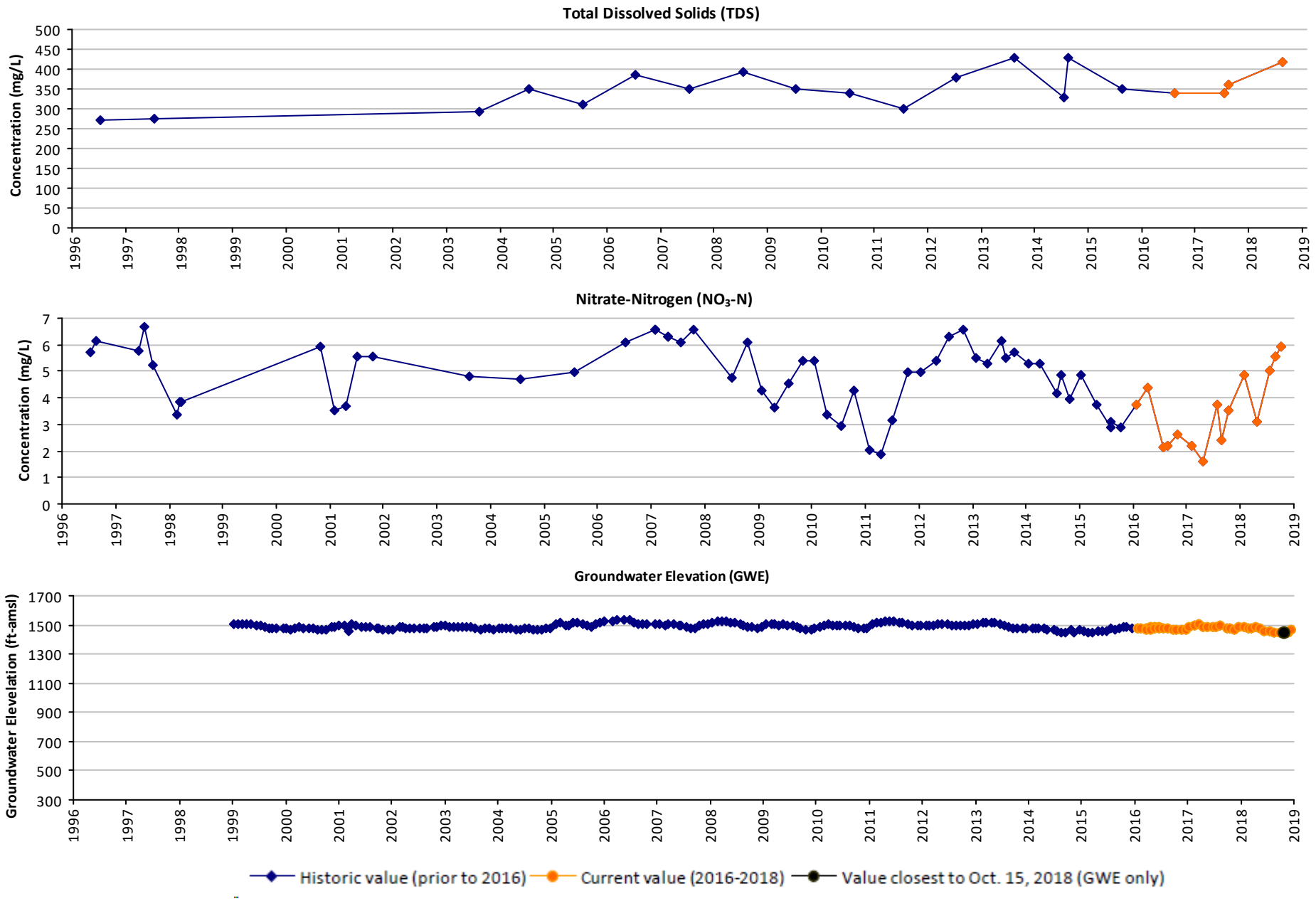

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

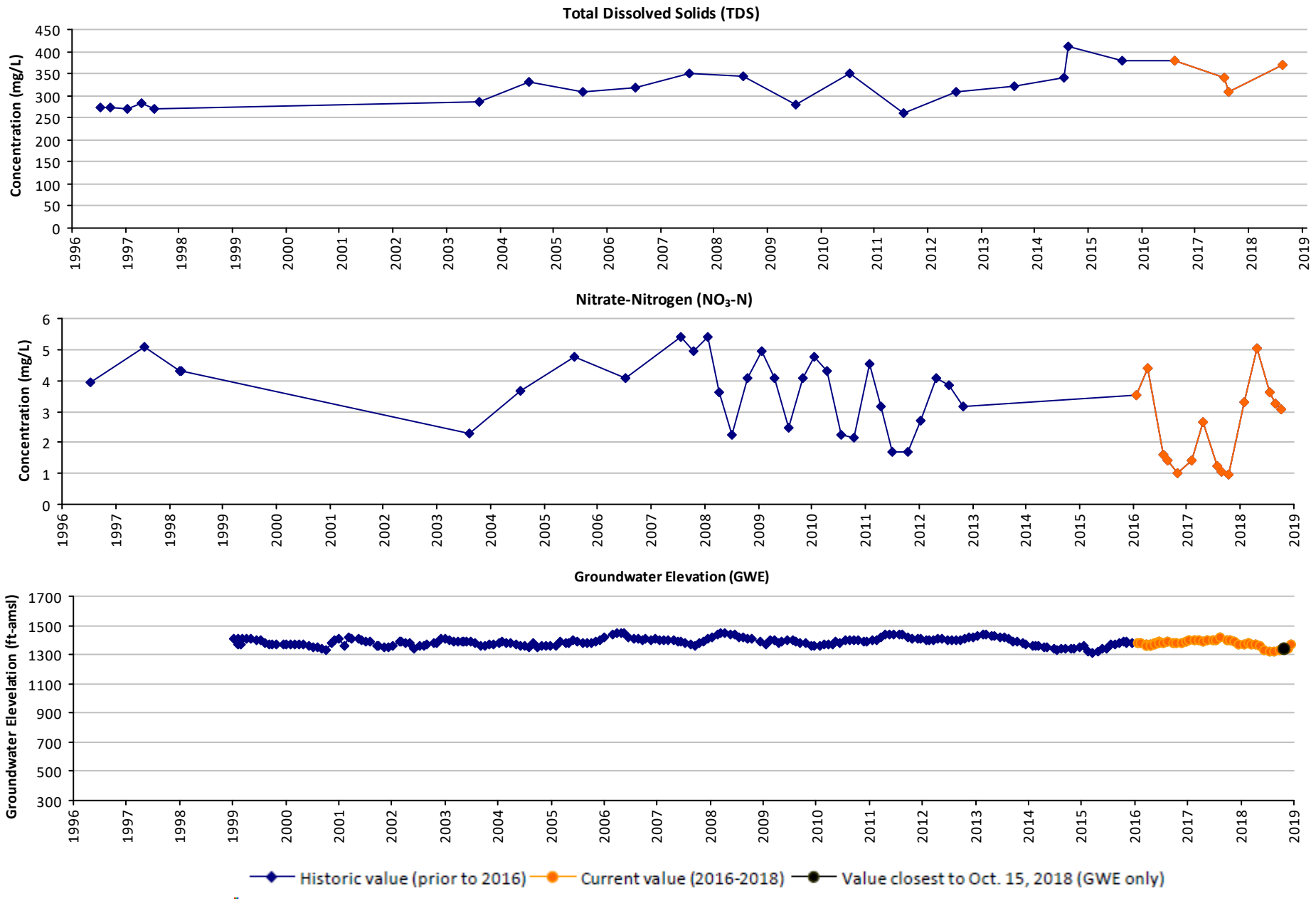

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

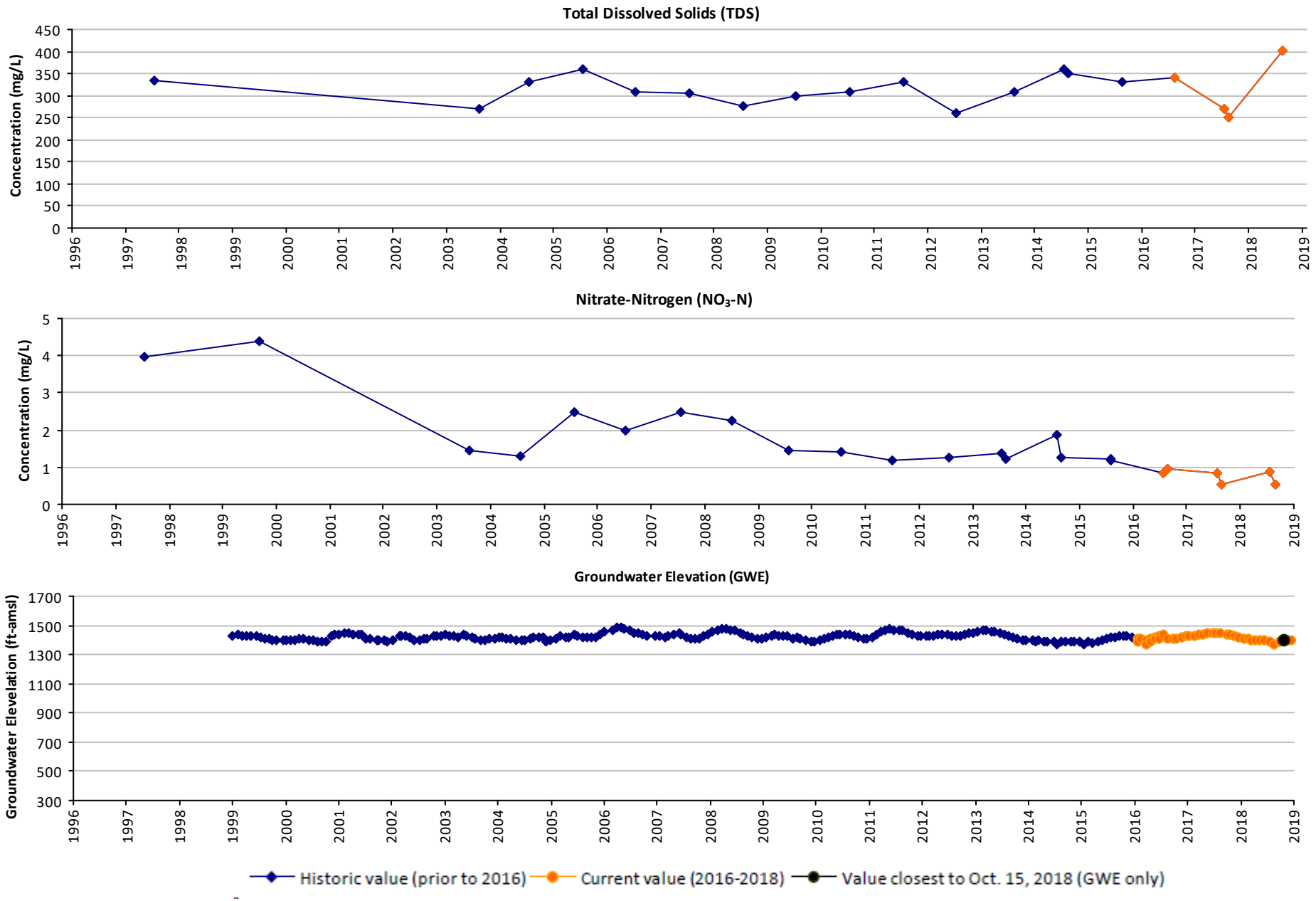

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

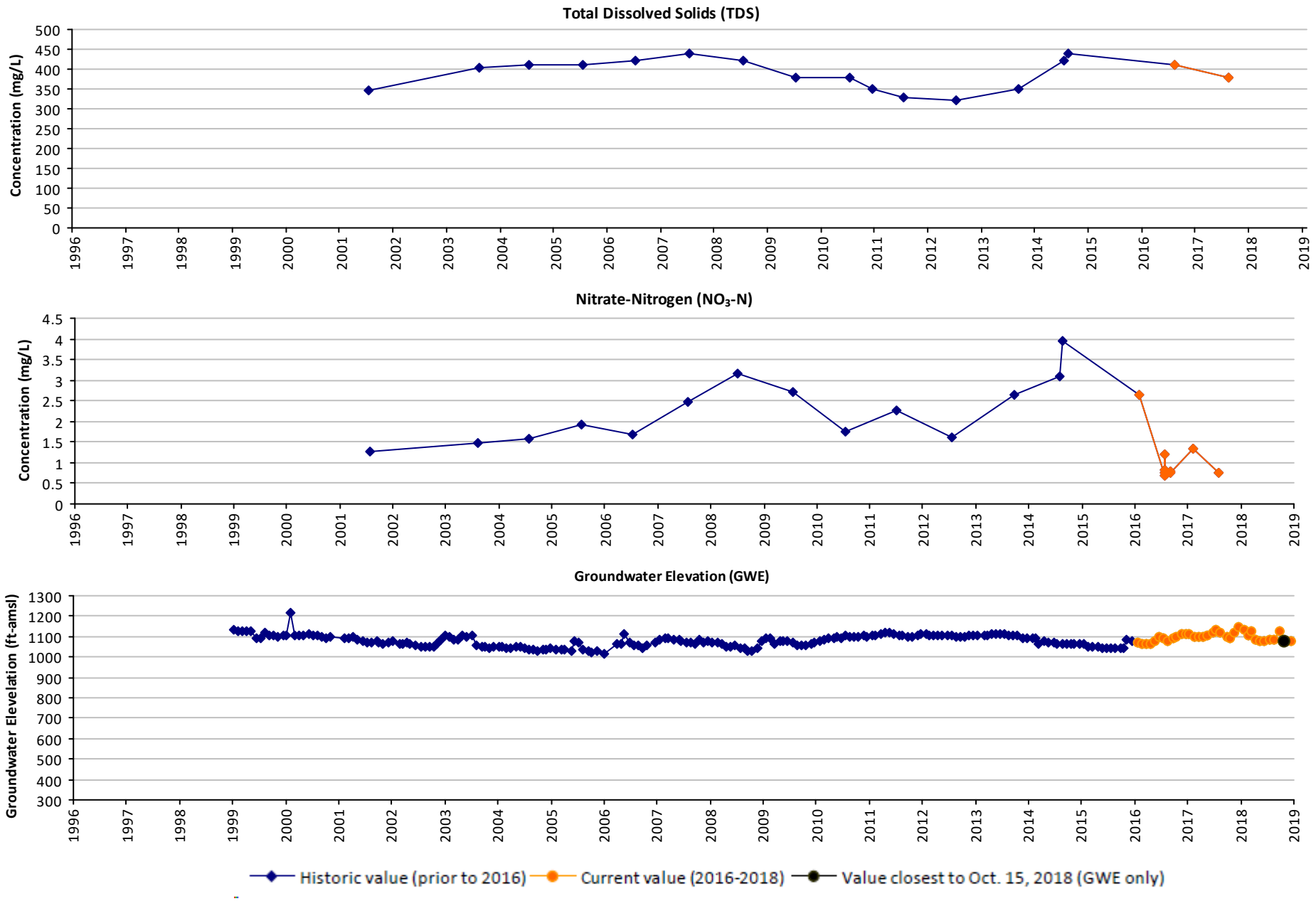

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

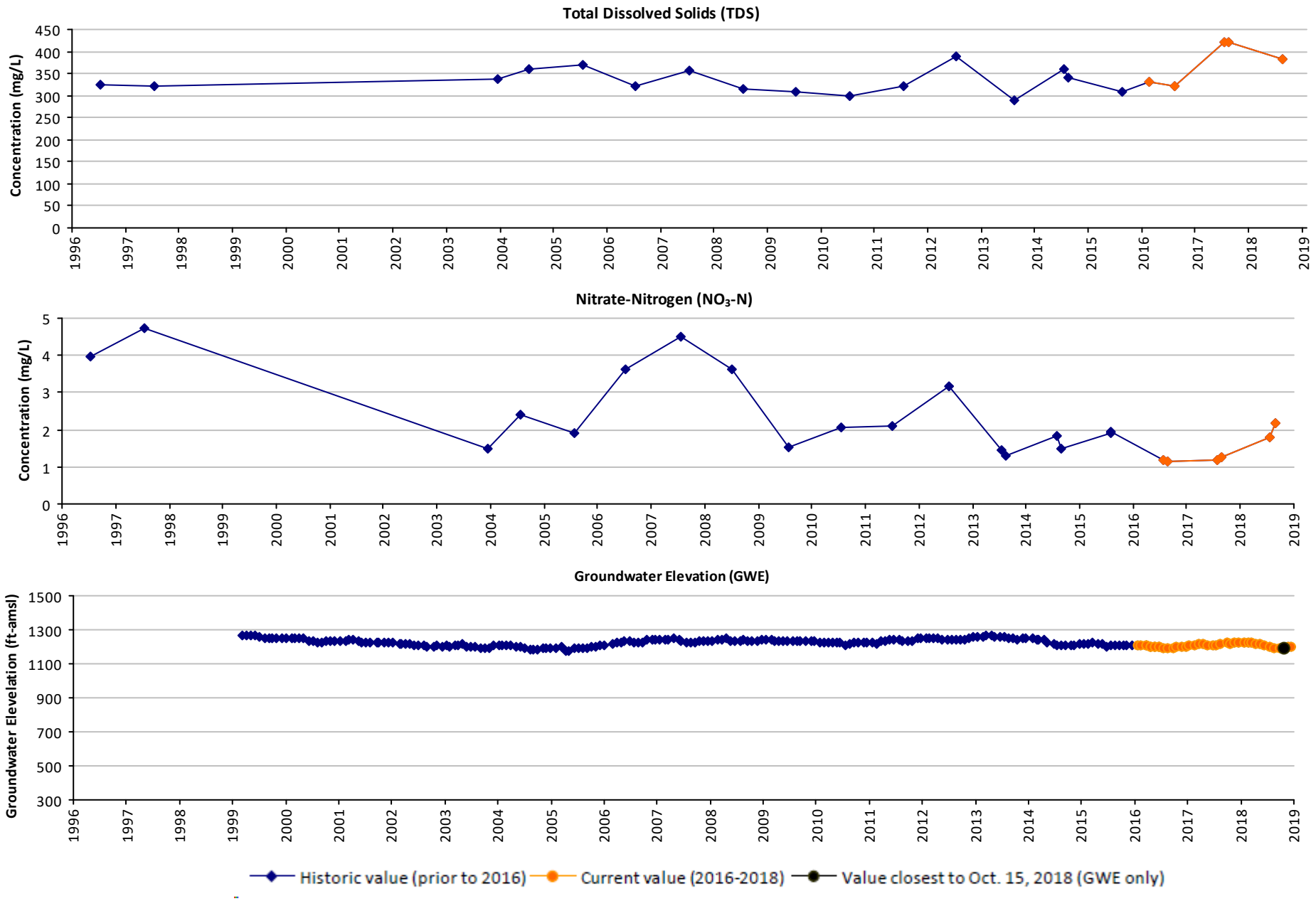

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

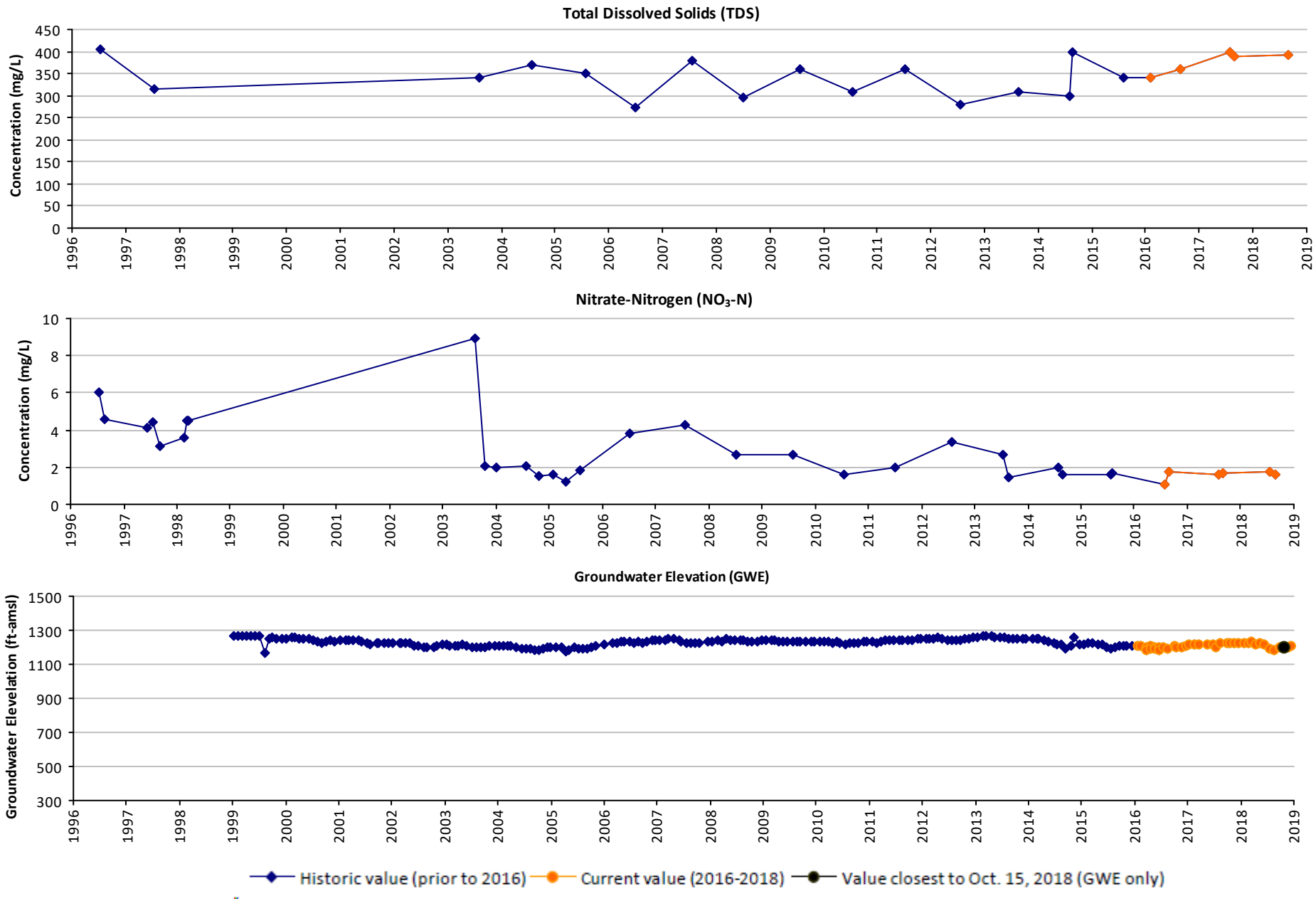

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

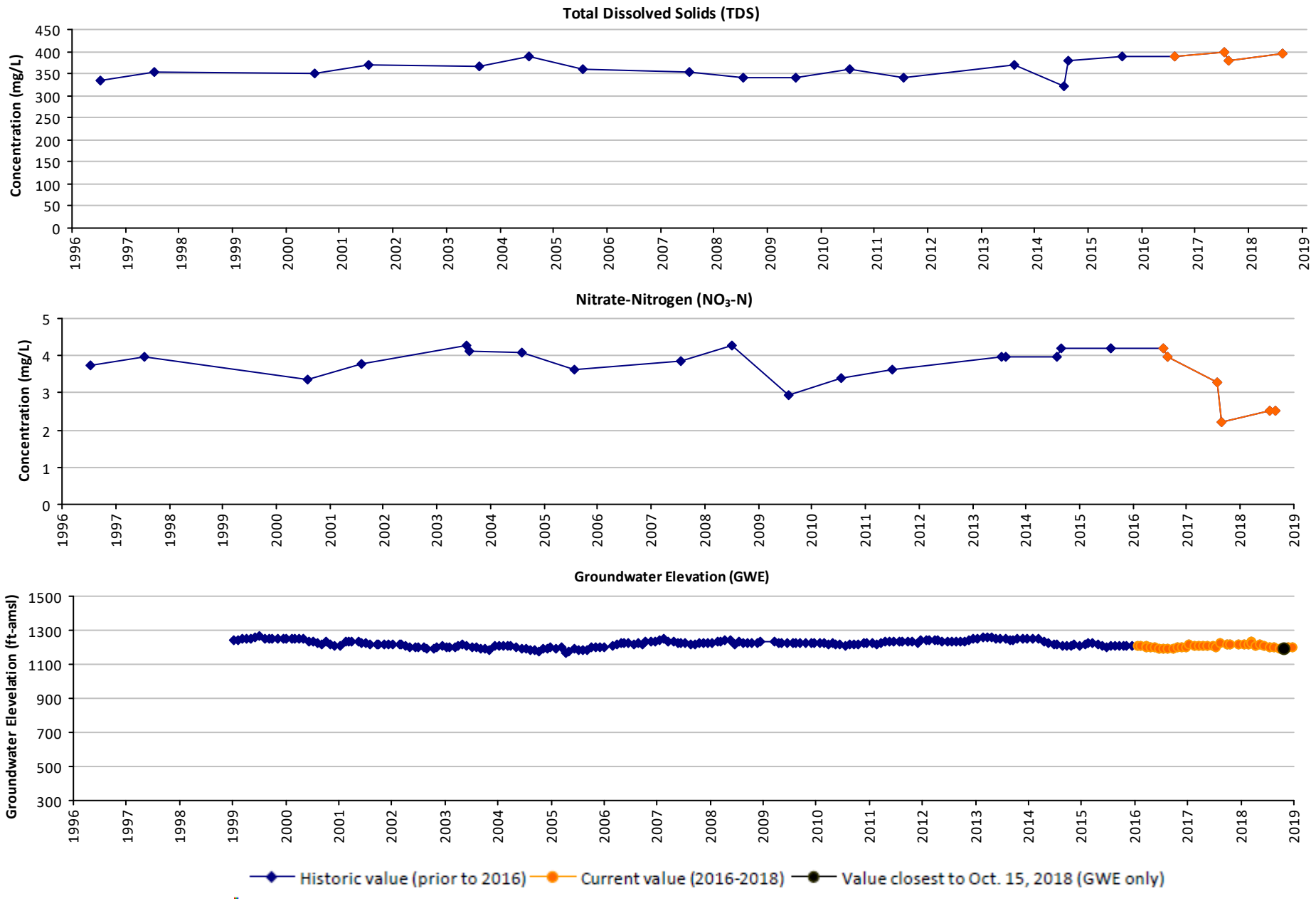

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

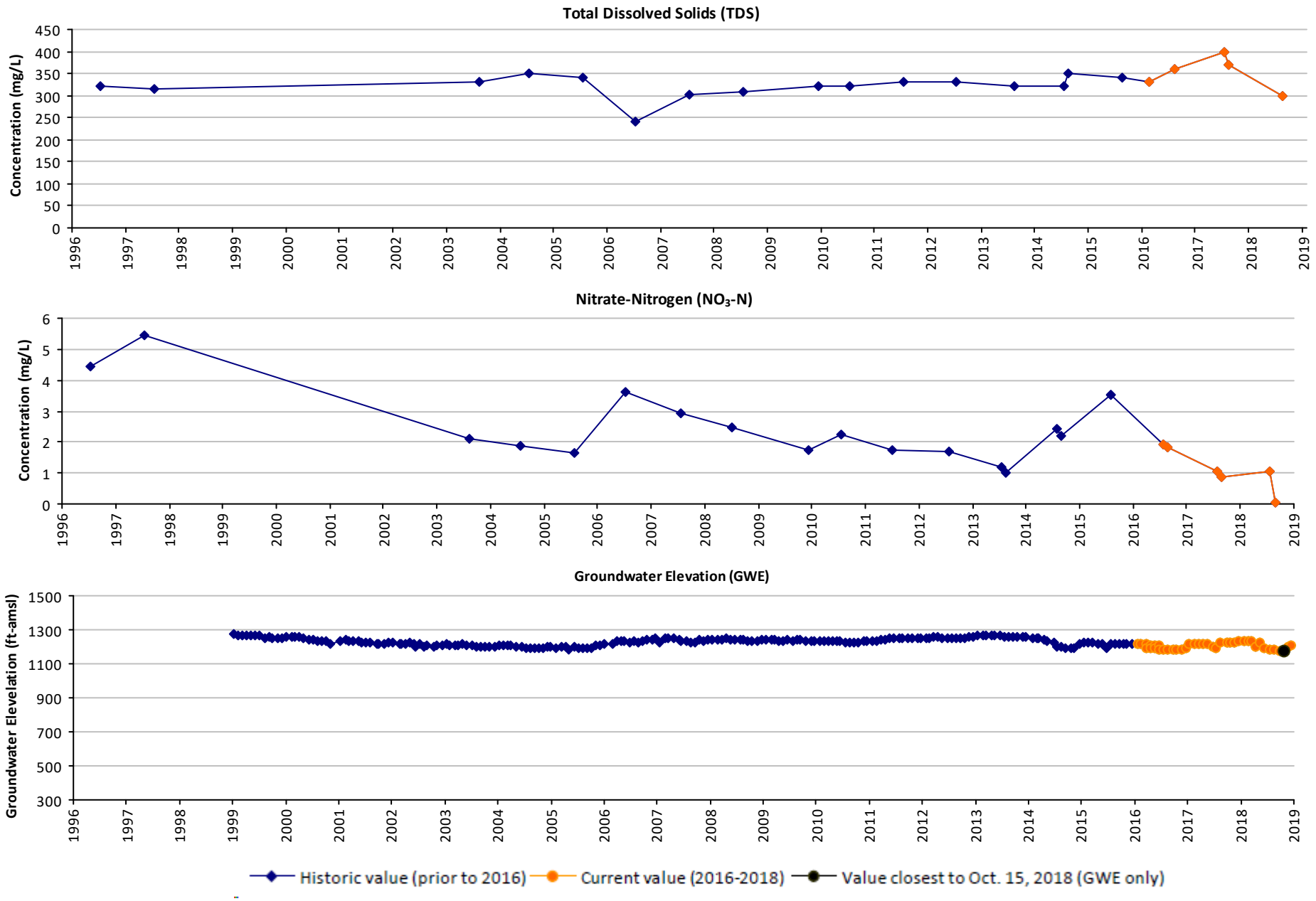

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

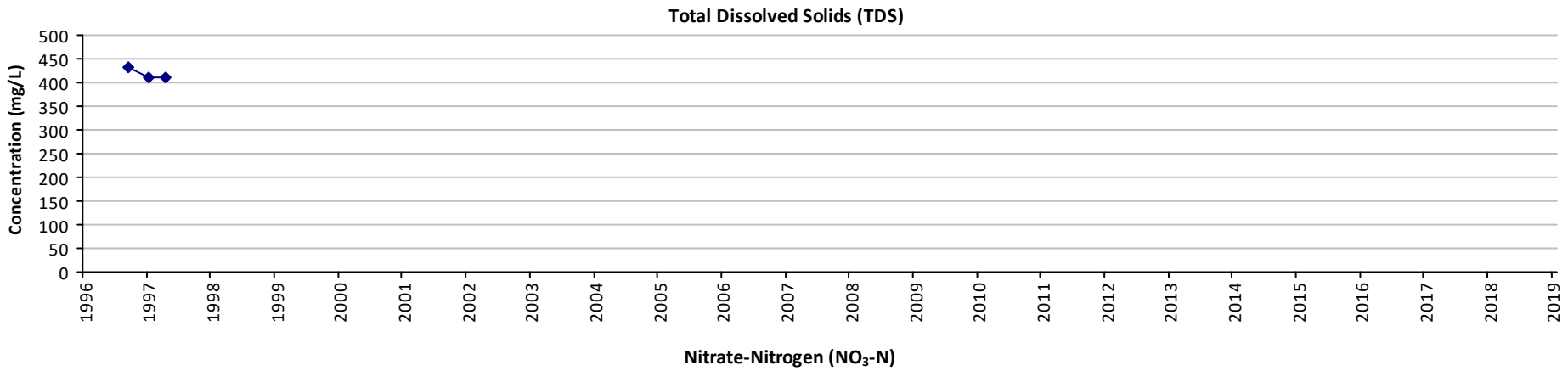

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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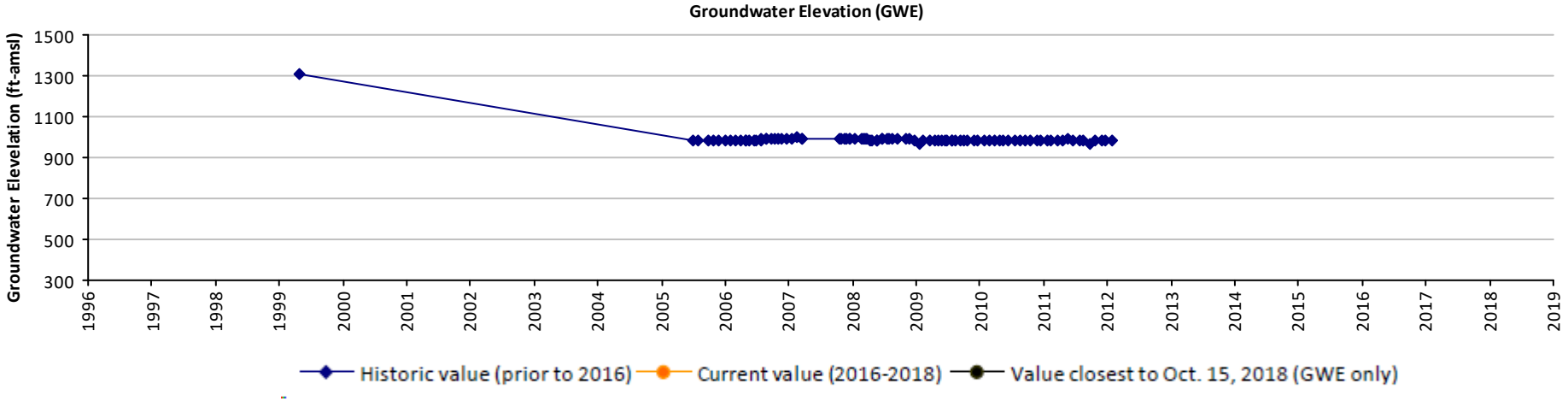
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
1500
1300
1100
900
700
500
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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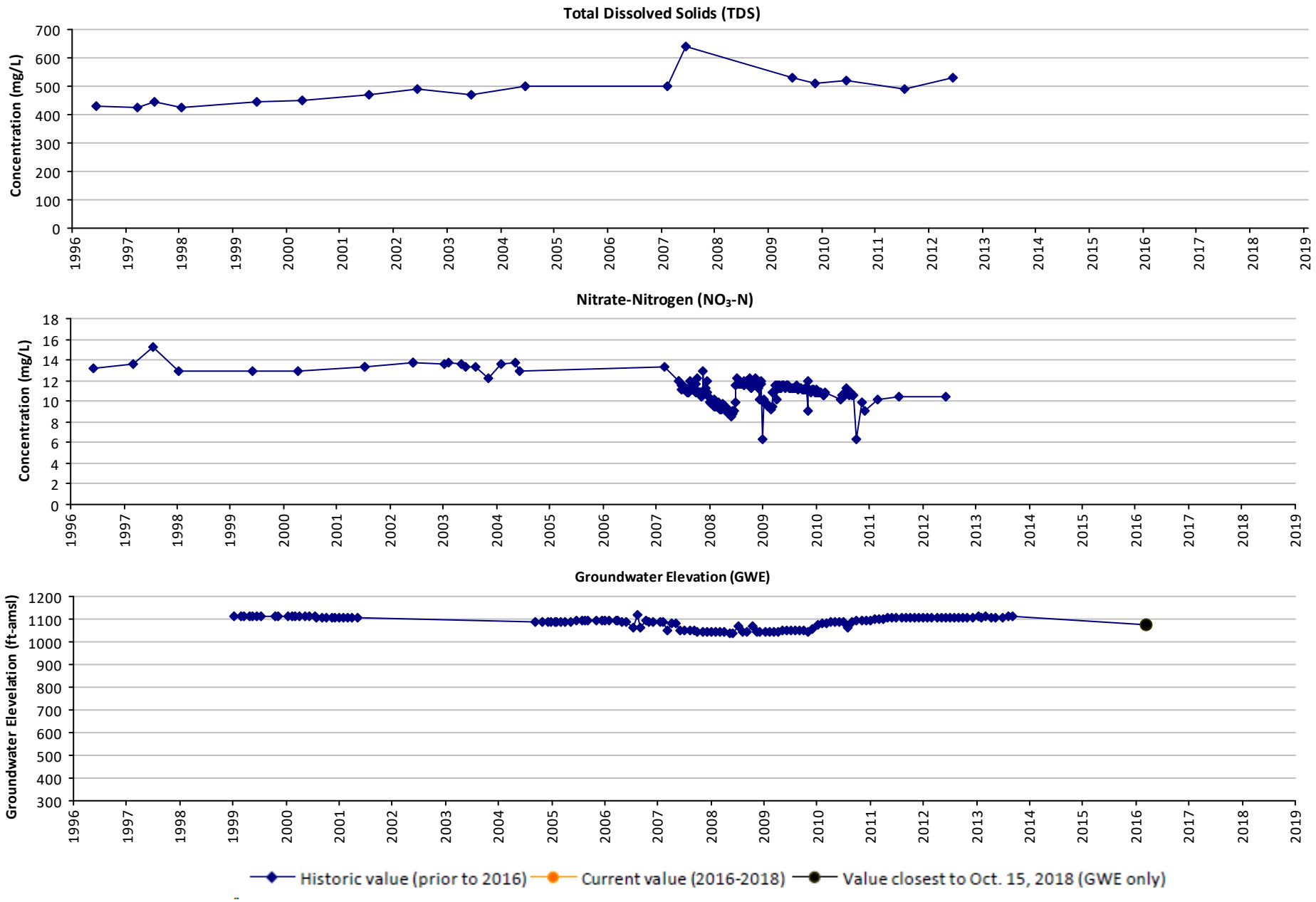
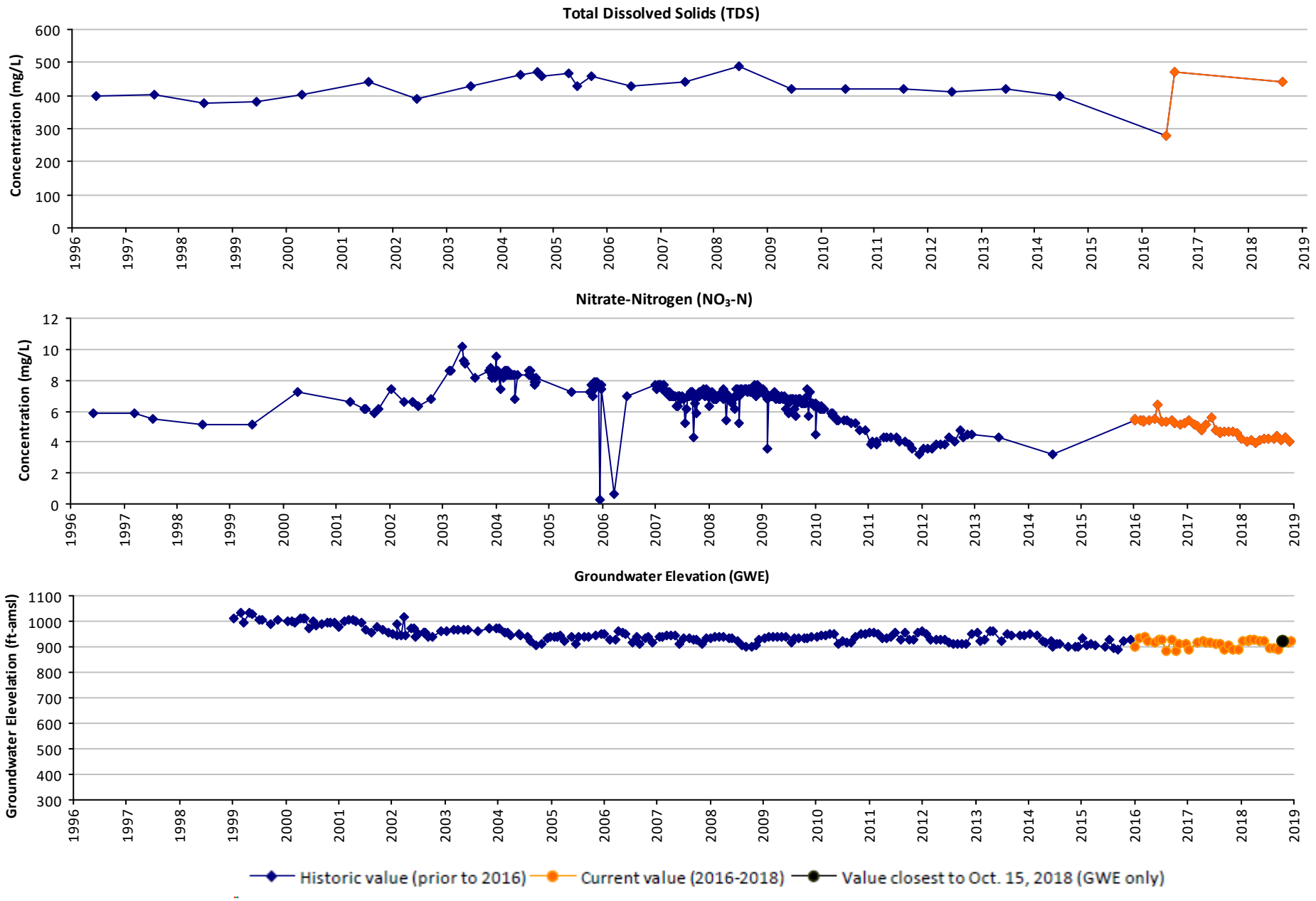
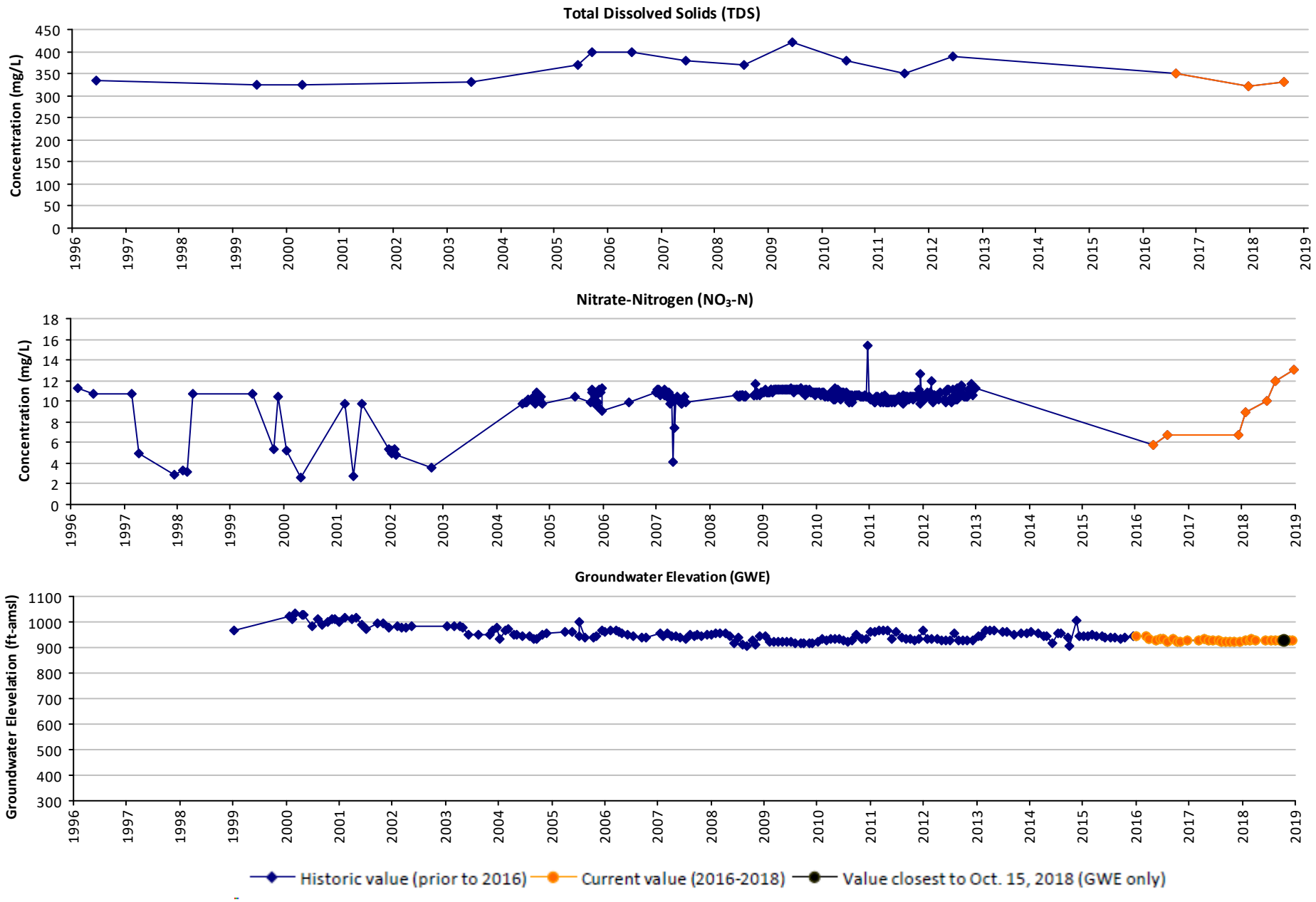
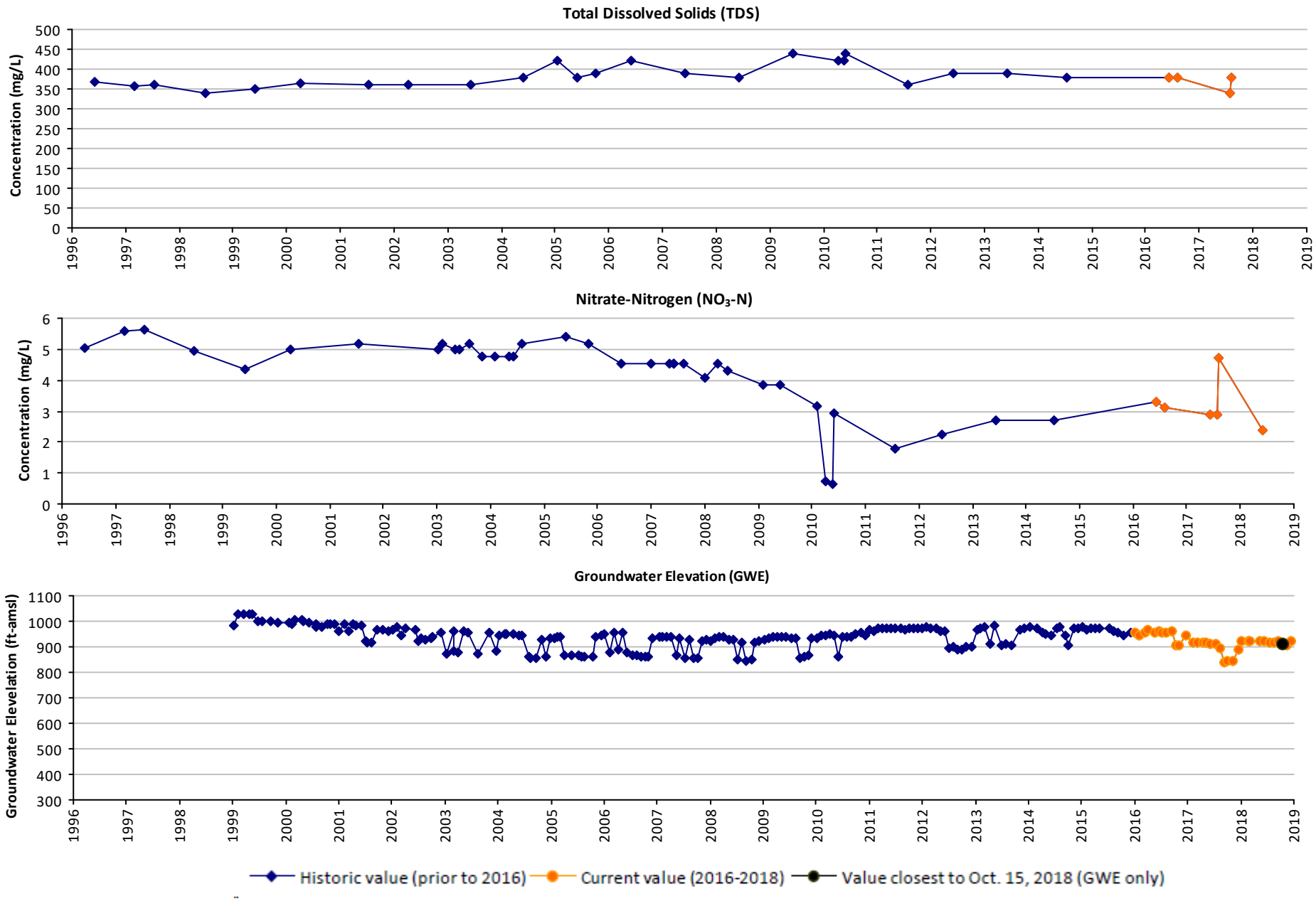
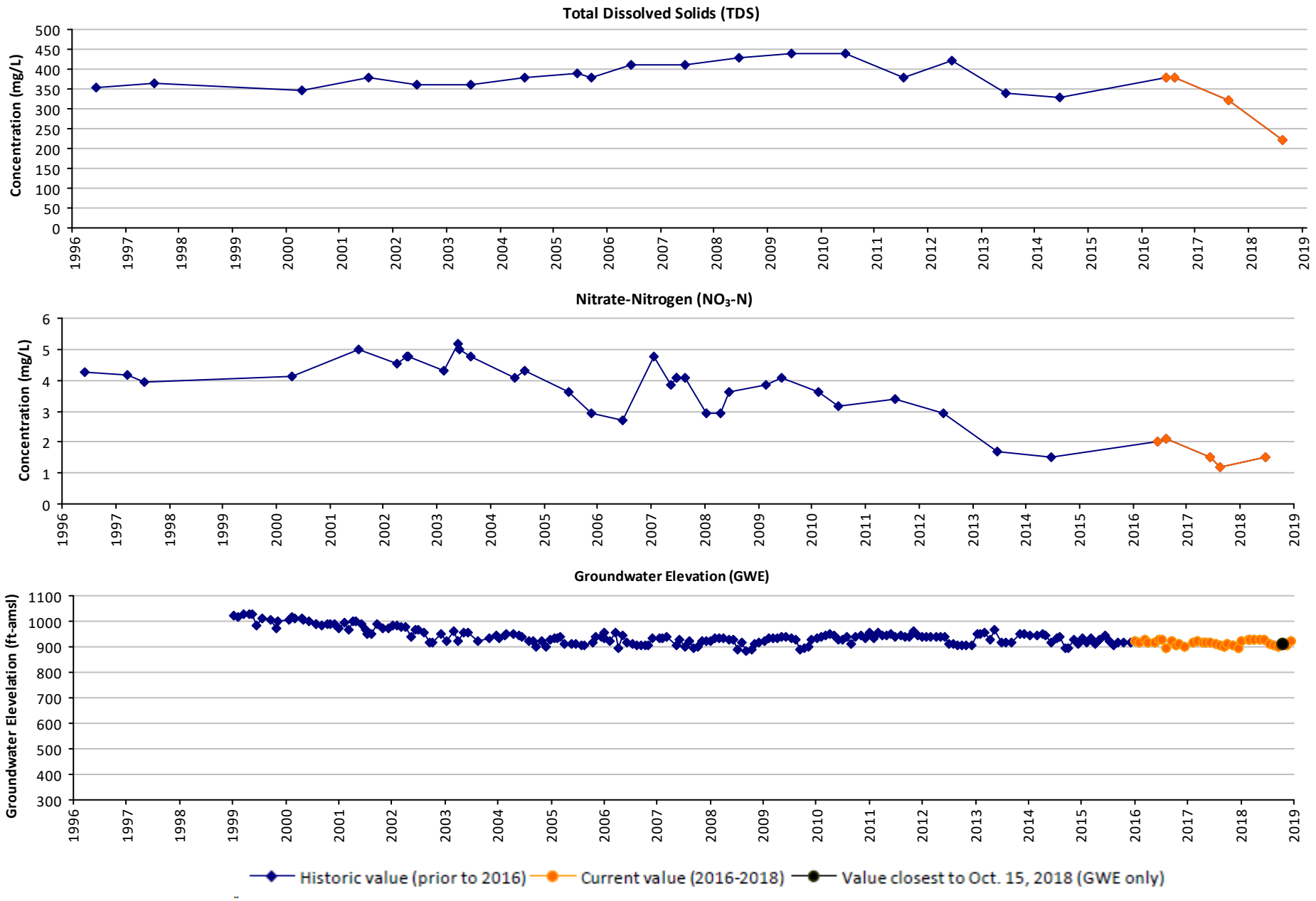
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

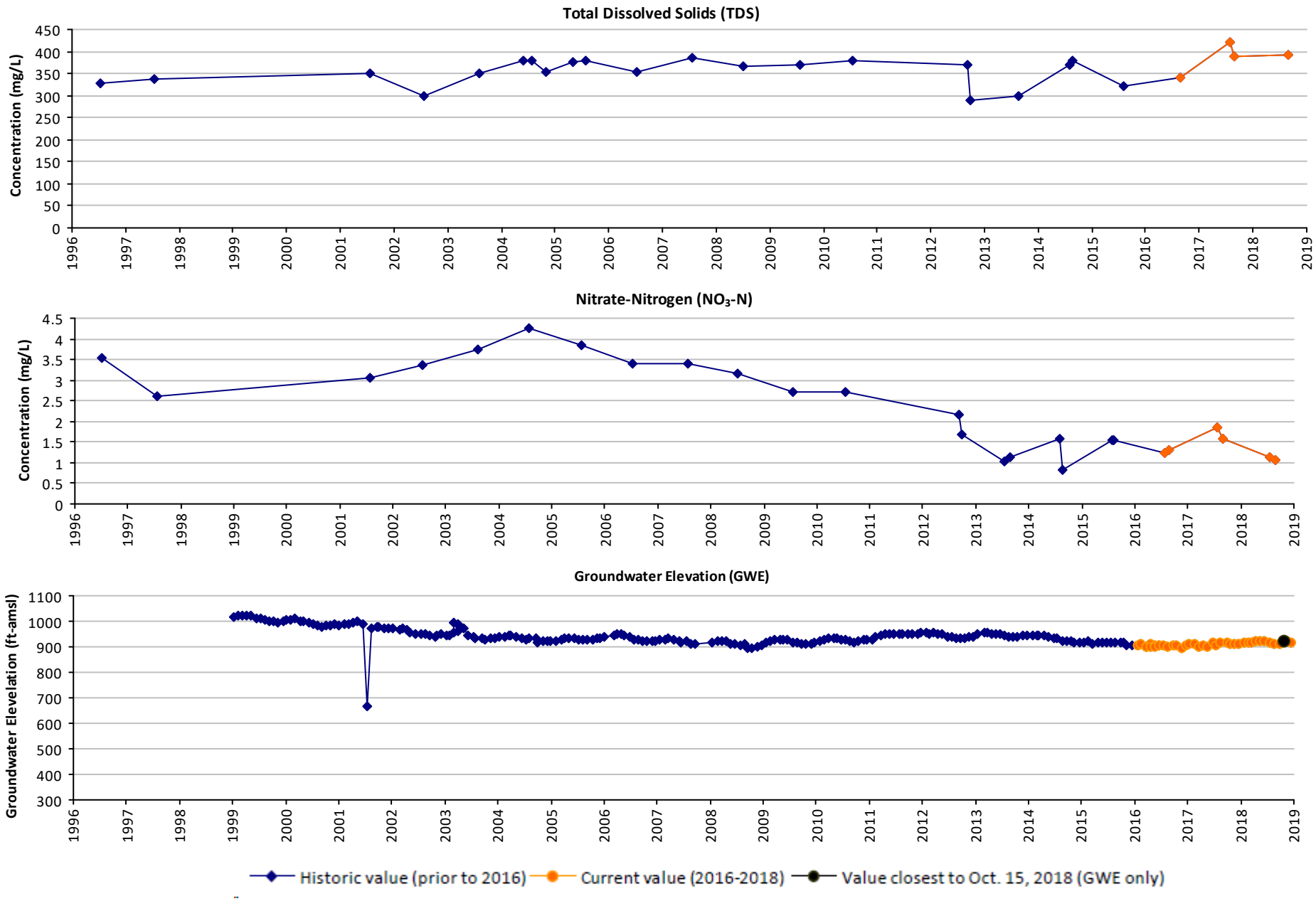

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

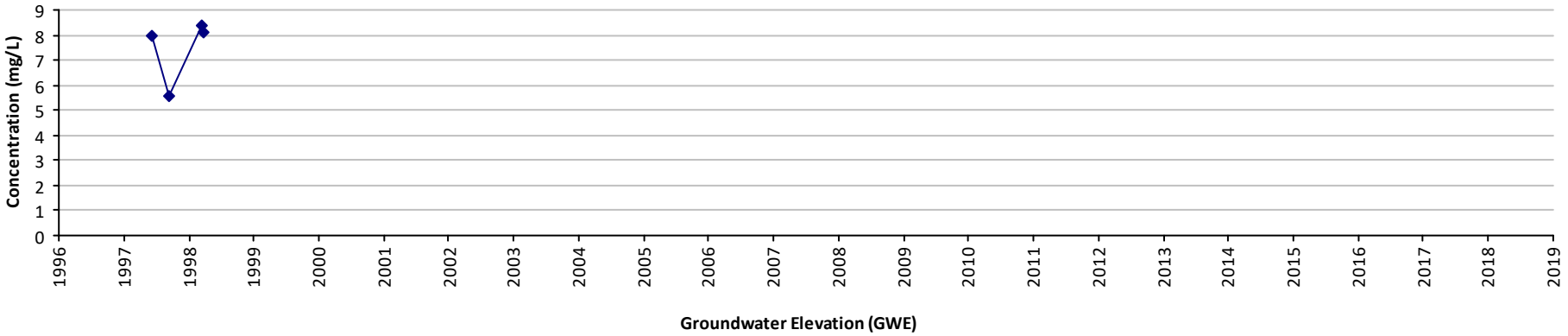

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

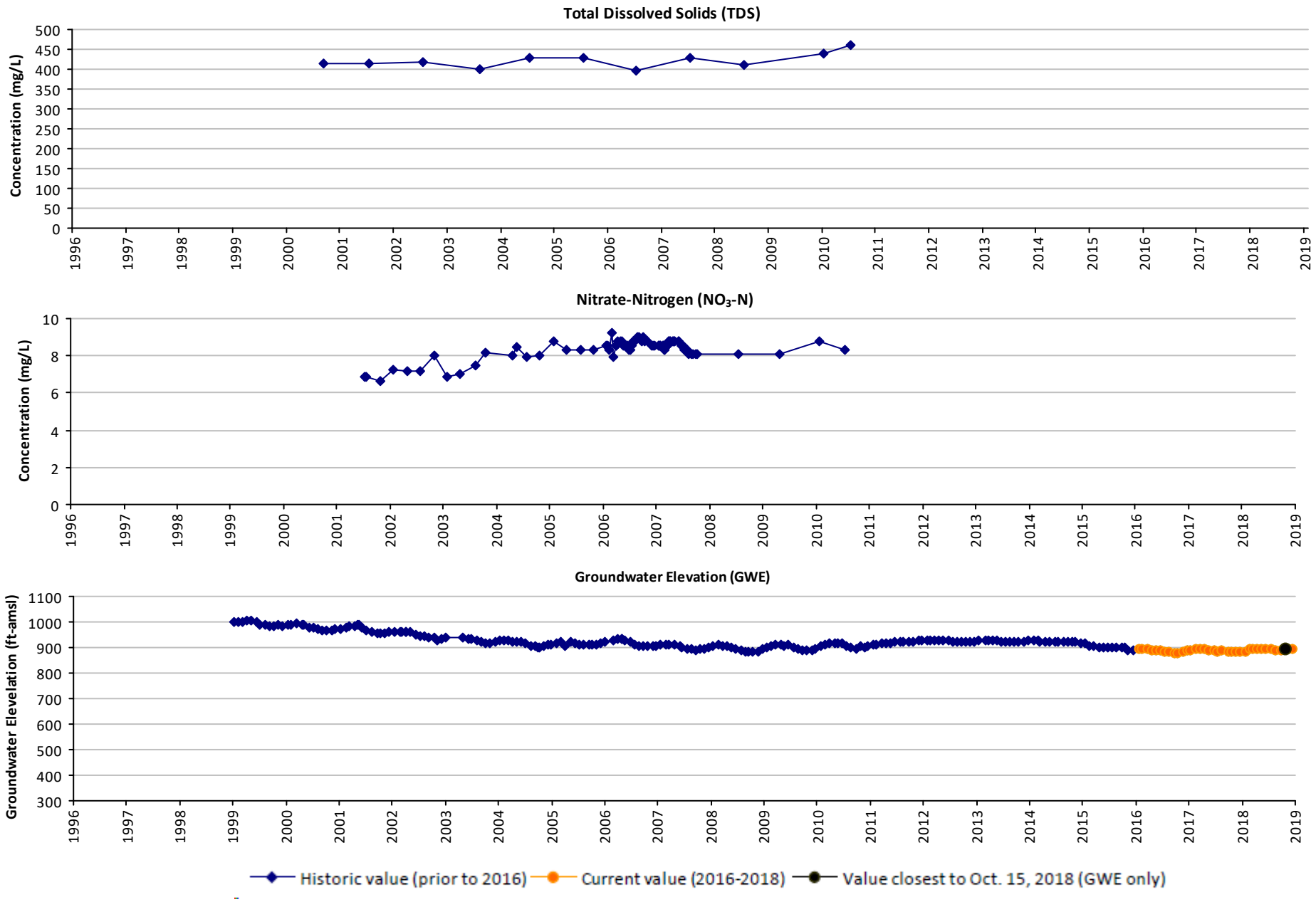

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

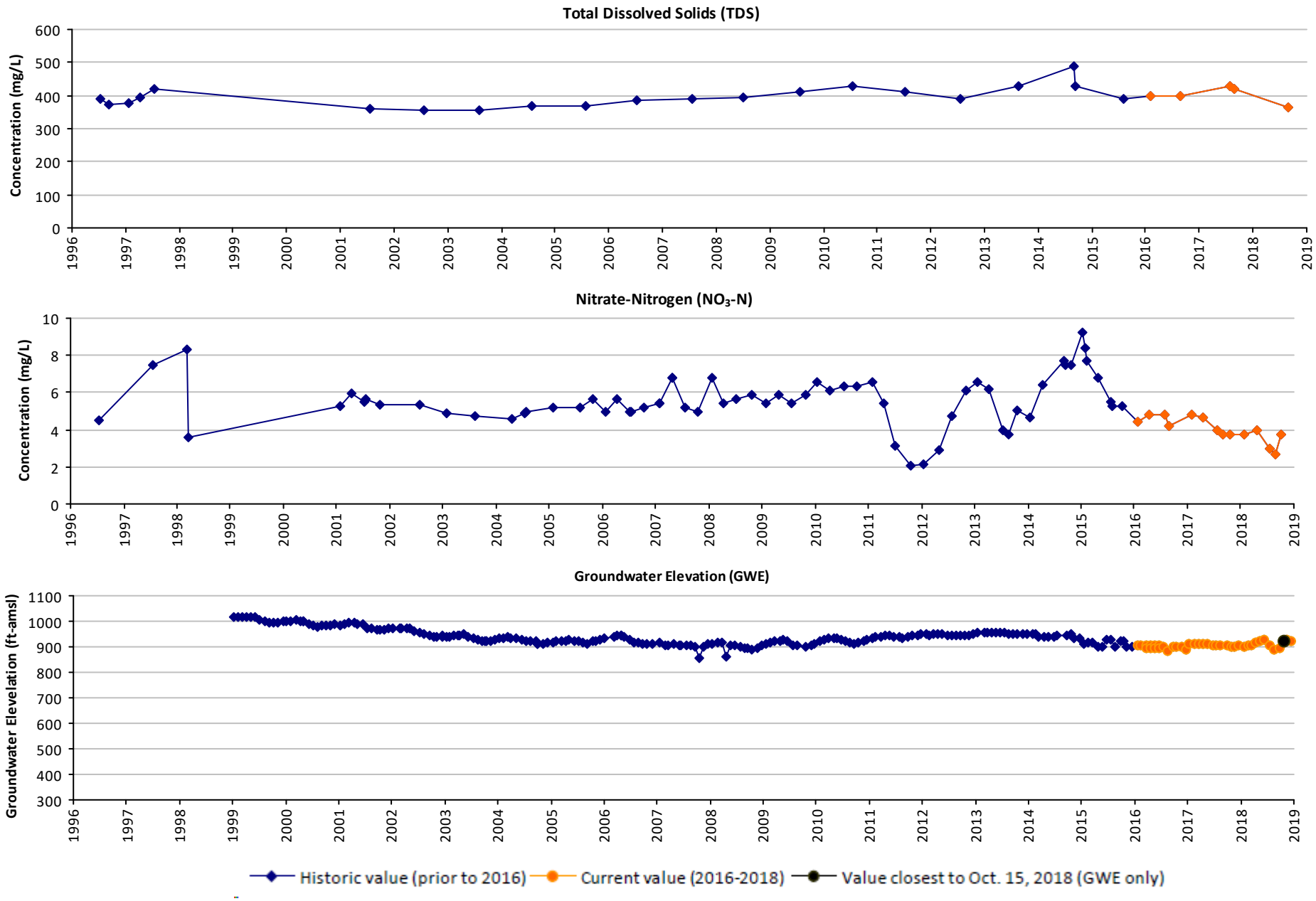
Total Dissolved Solids (TDS)

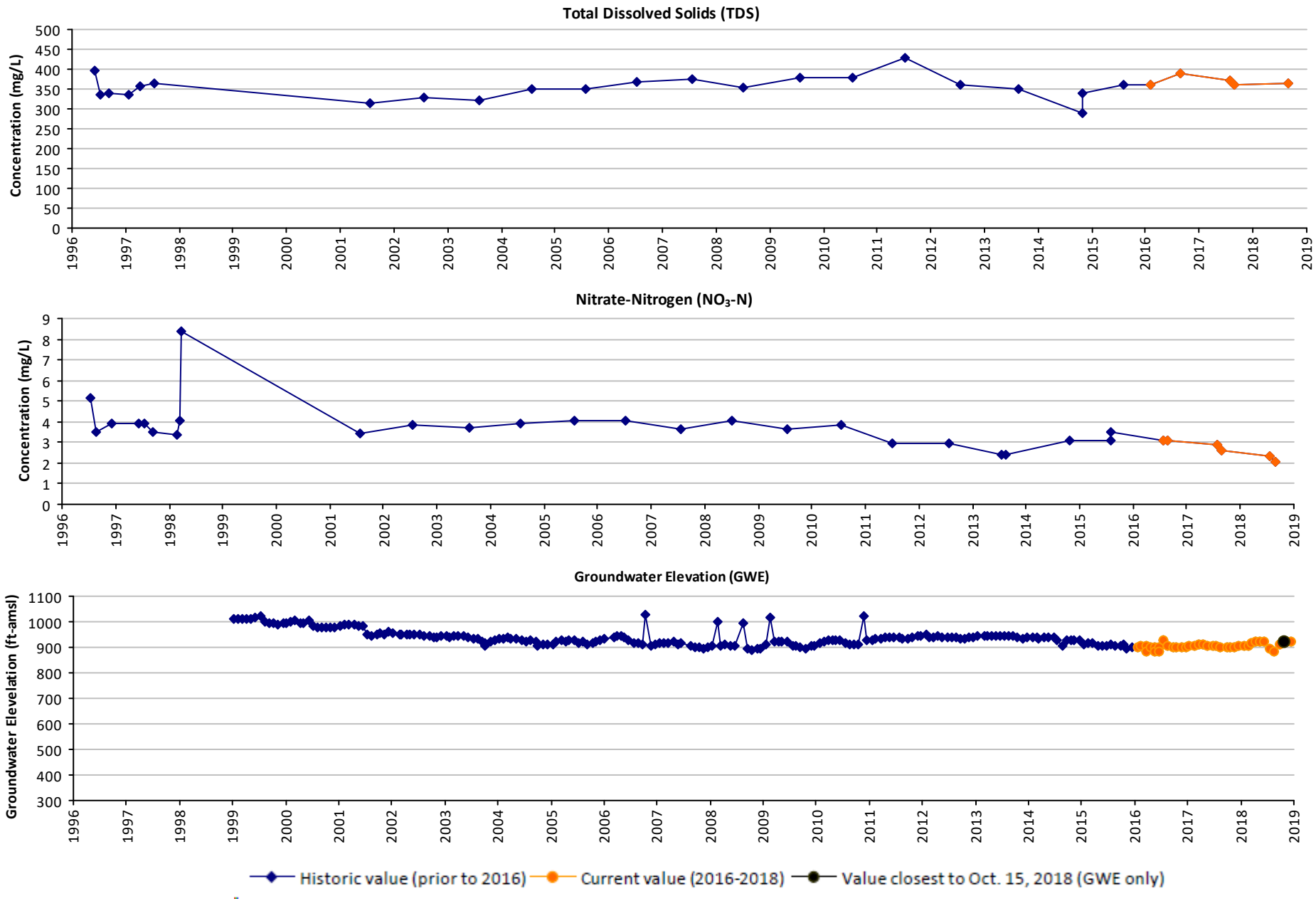
Nitrate-Nitrogen (NO_3-N)

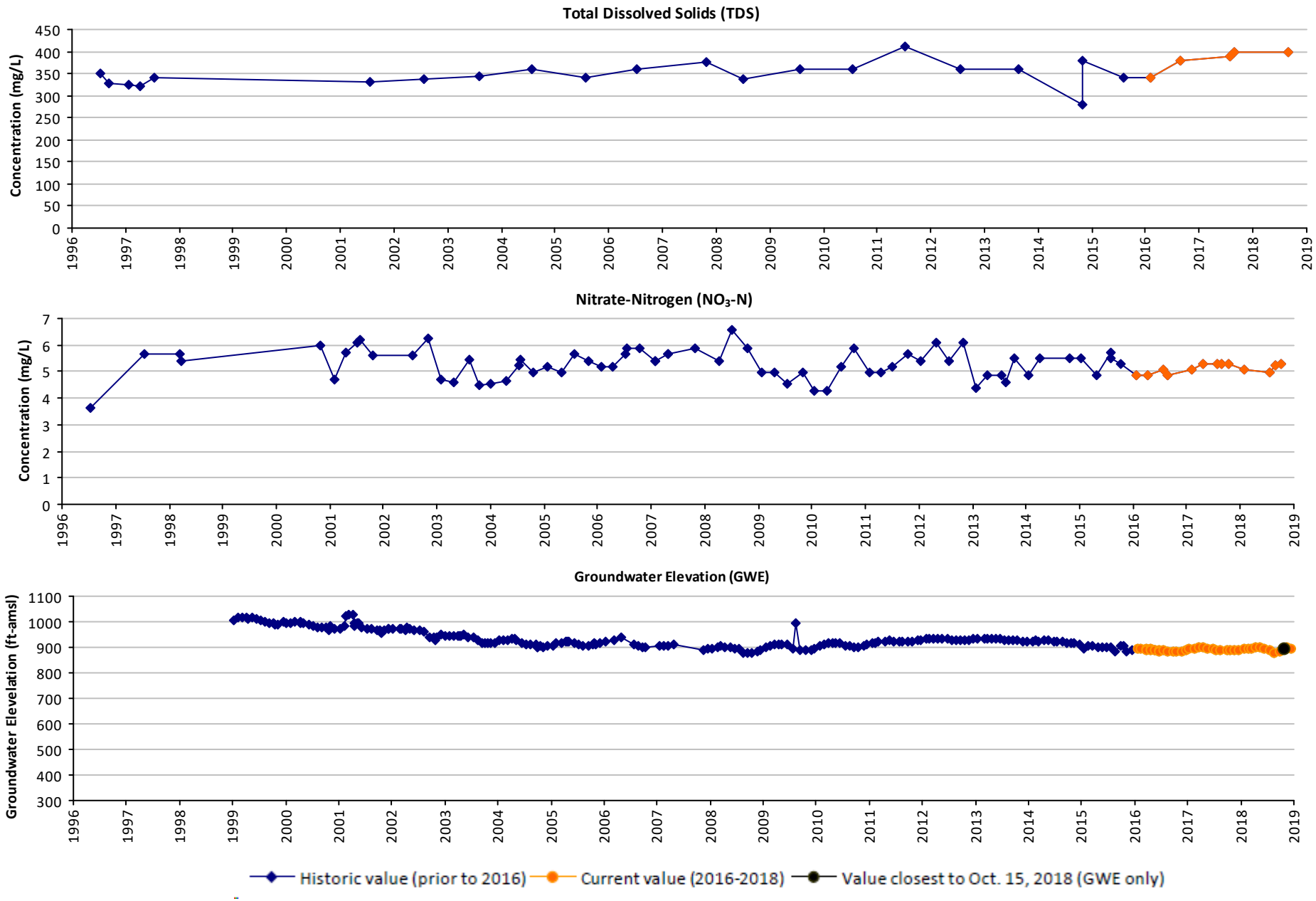


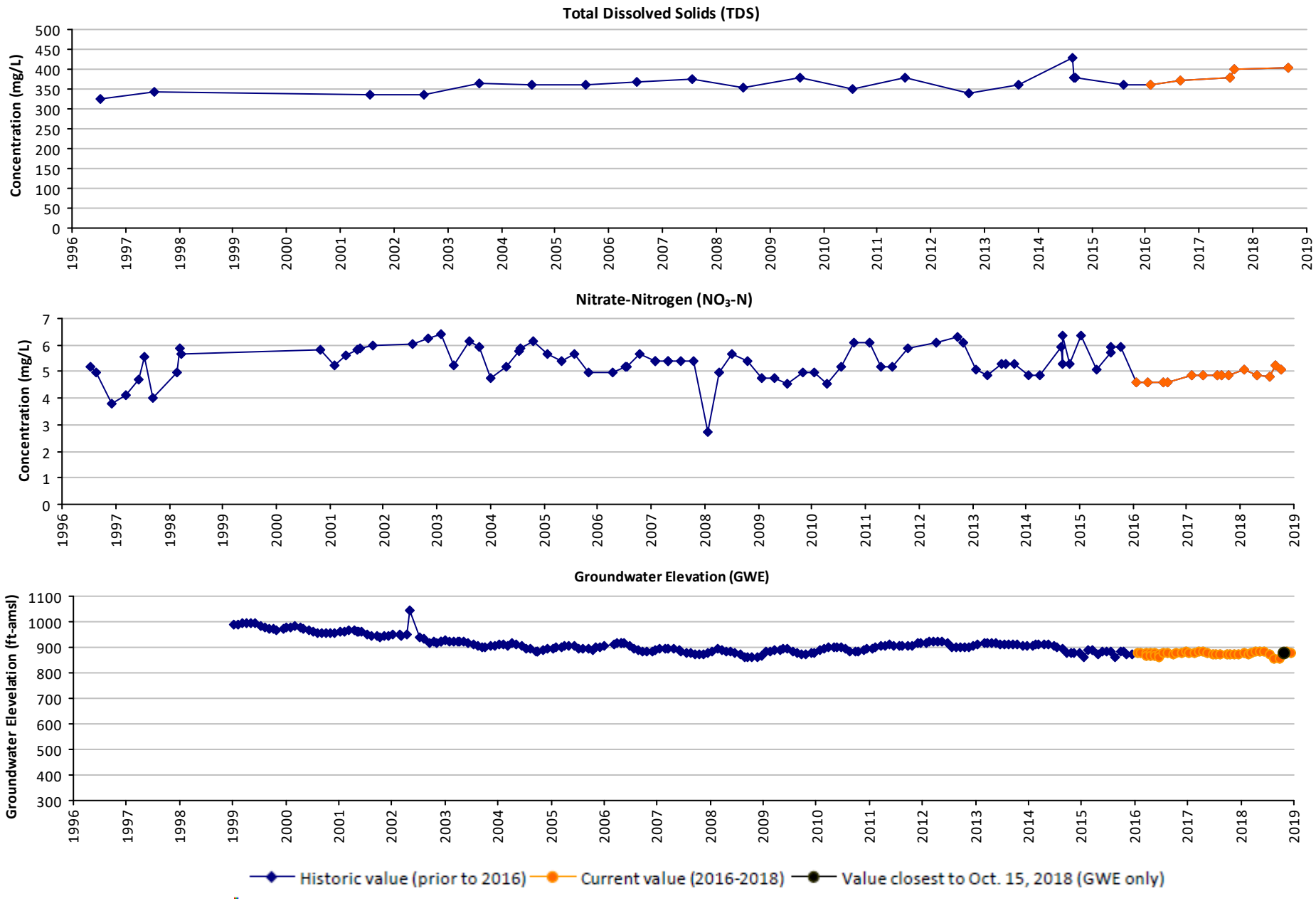
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

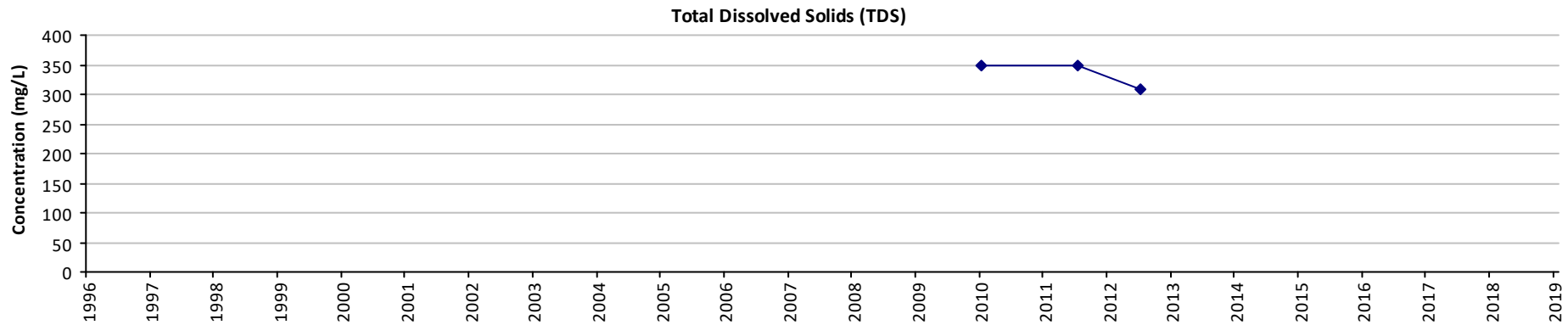

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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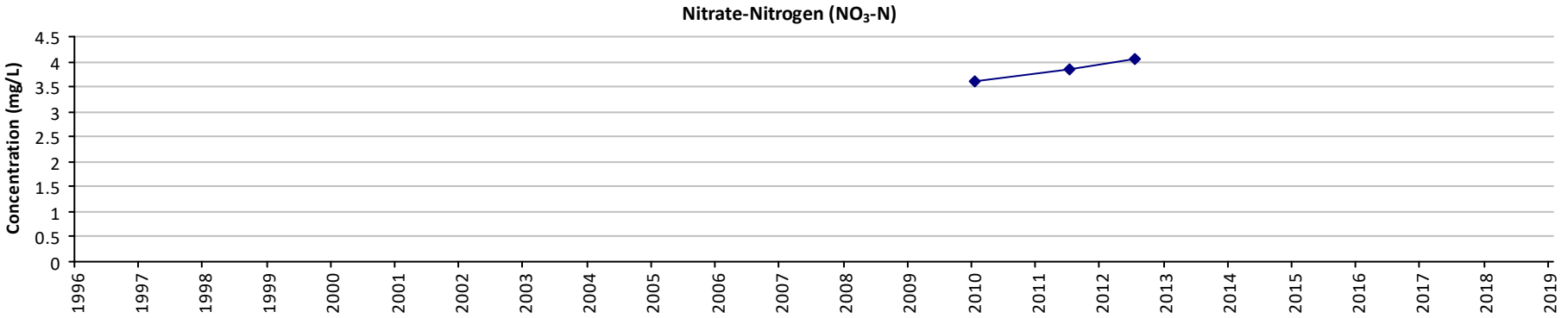
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
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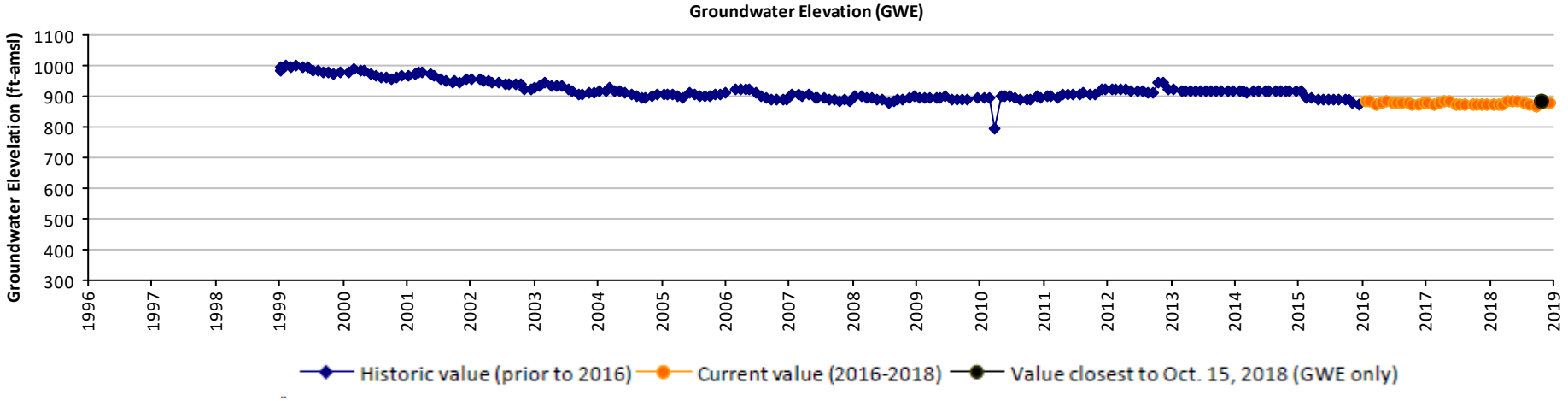
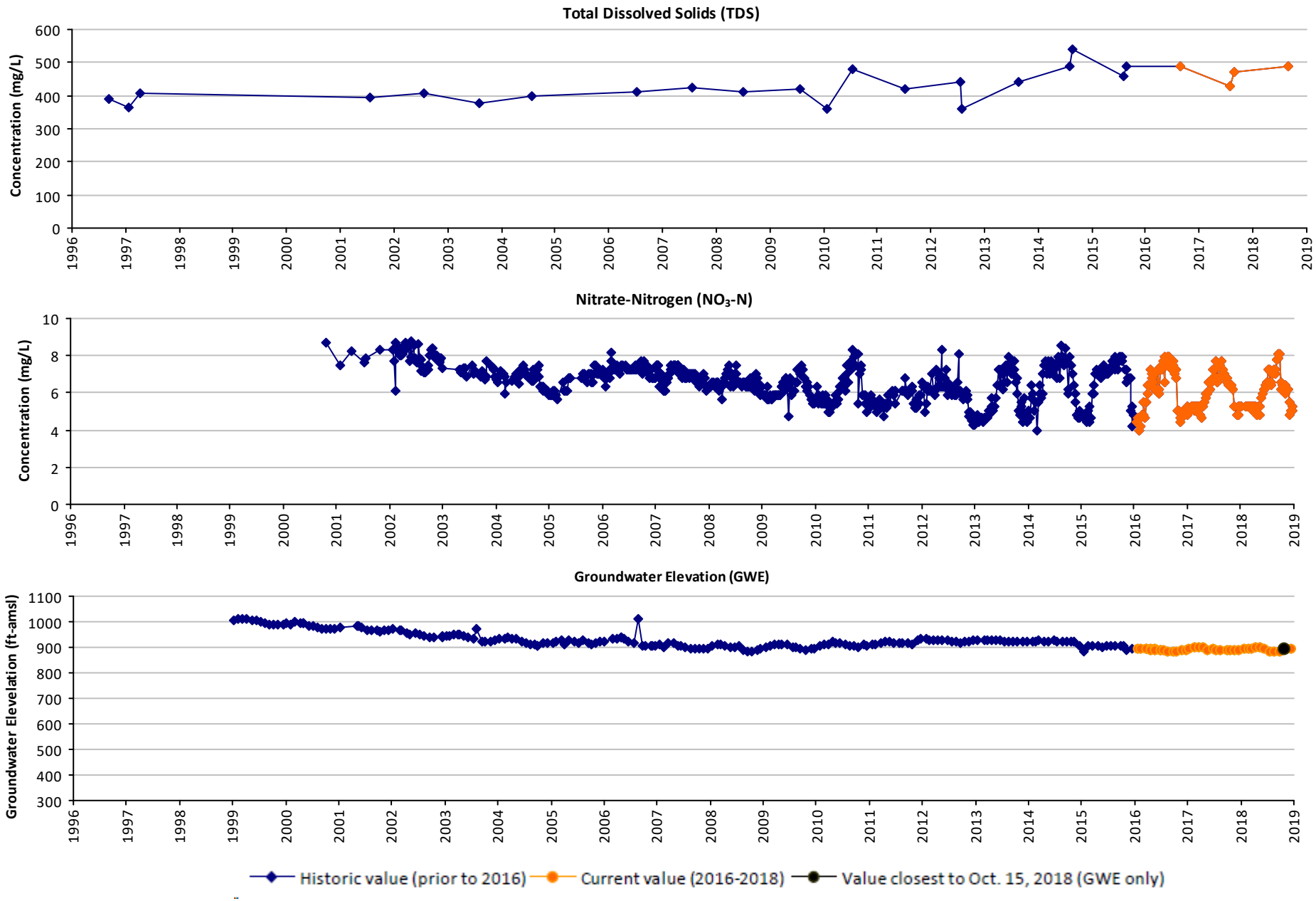
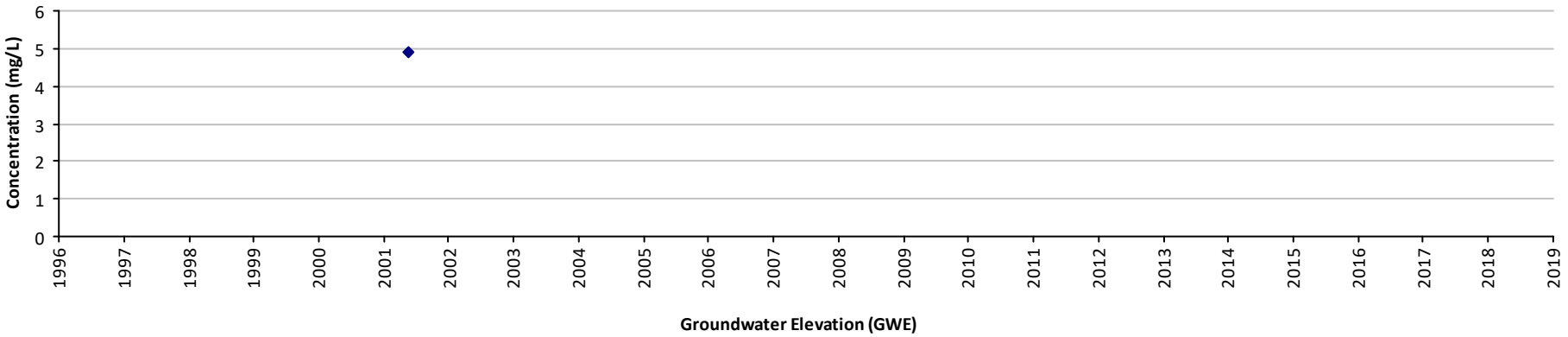
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

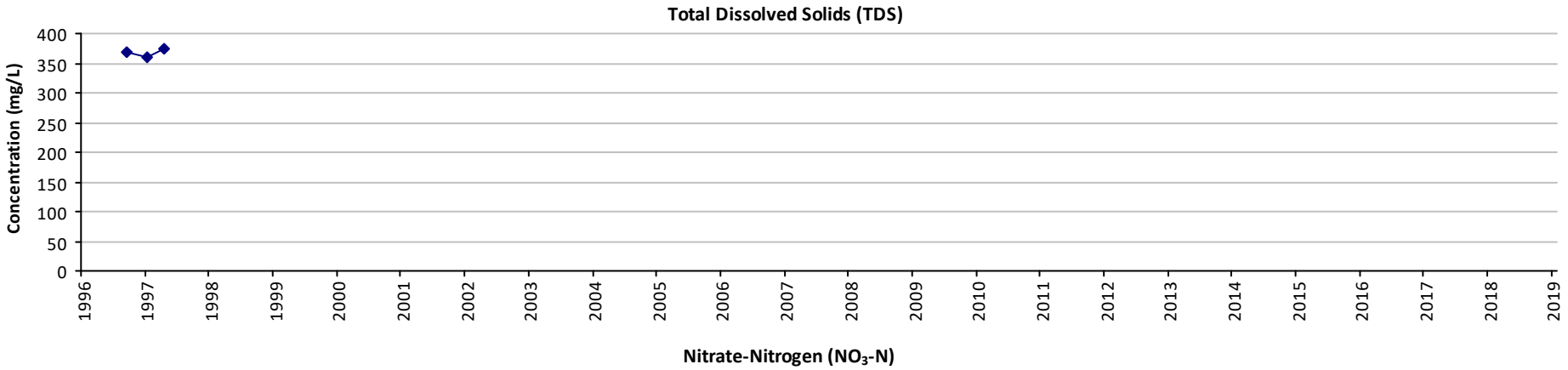

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

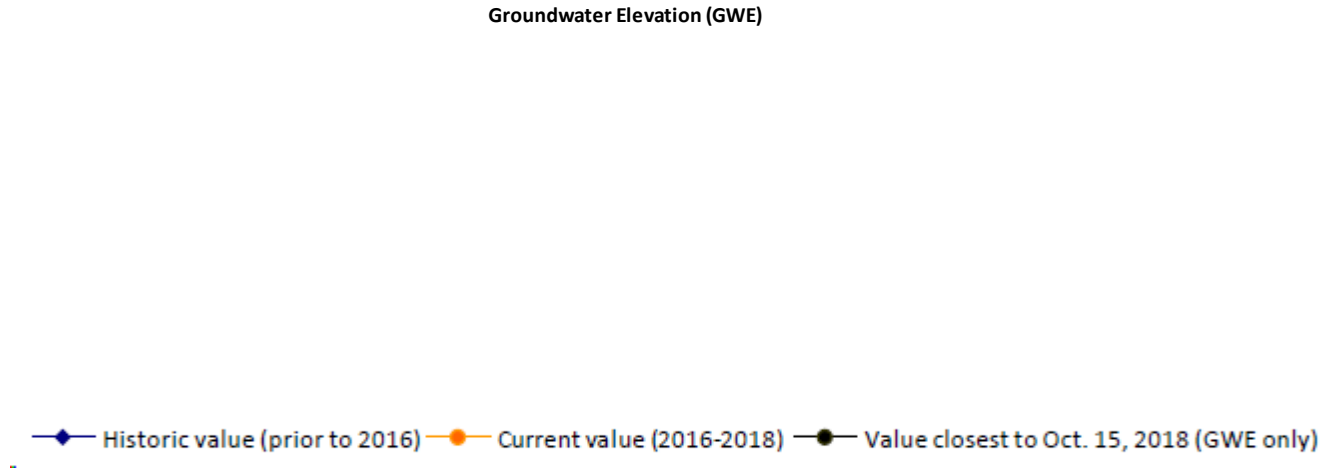
Total Dissolved Solids (TDS)

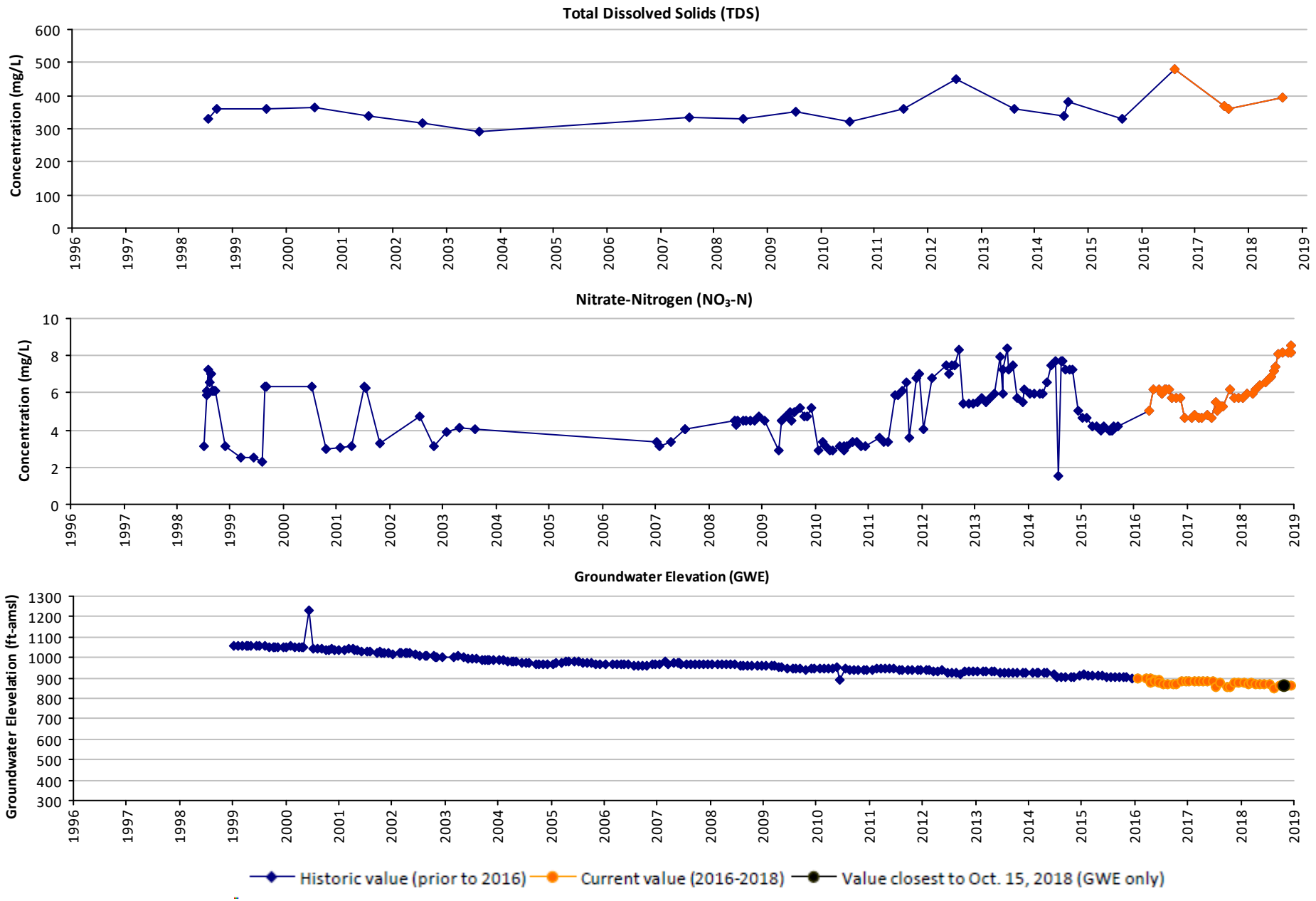
Nitrate-Nitrogen (NO_3-N)

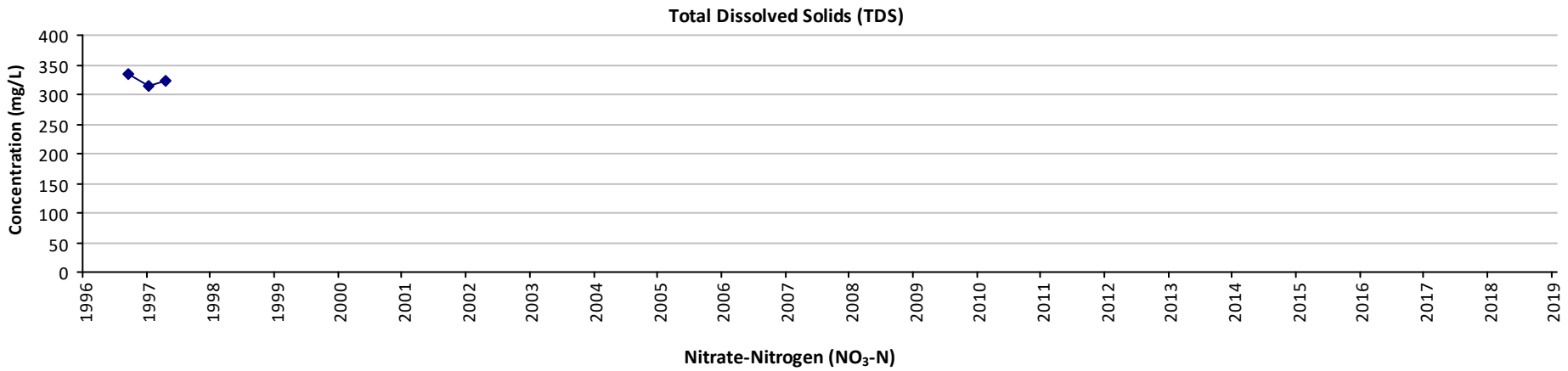


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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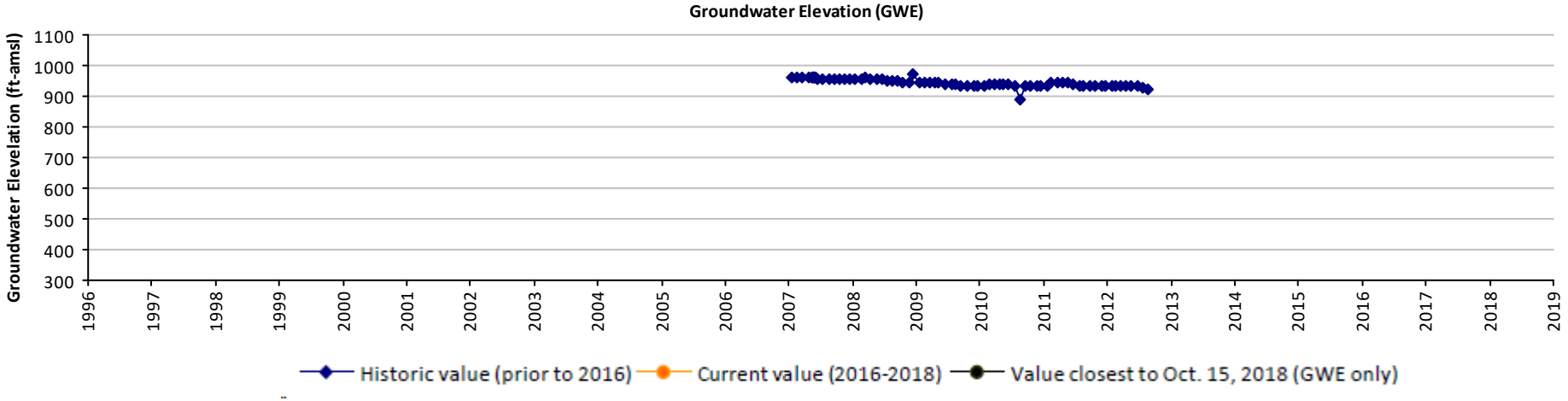
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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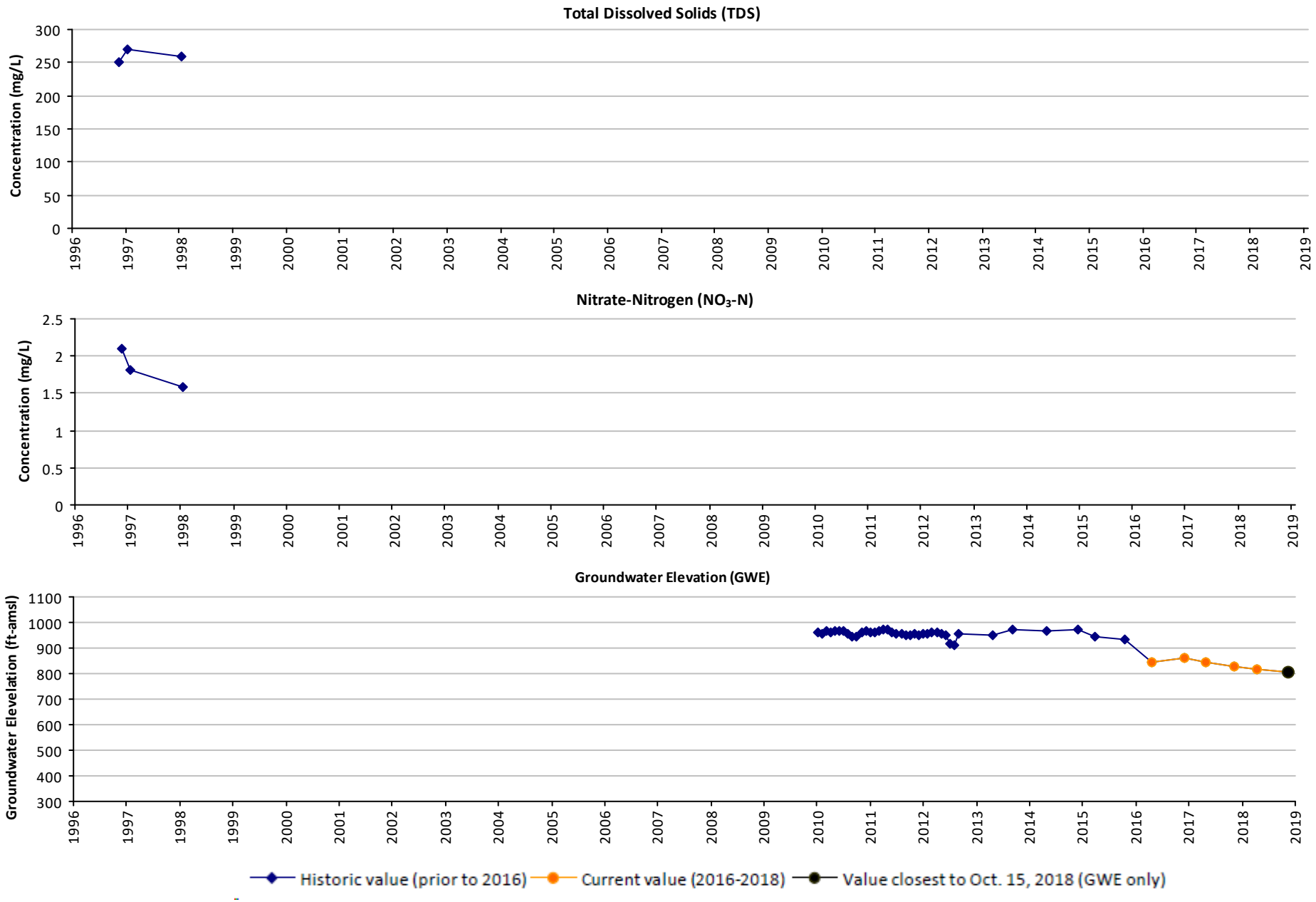
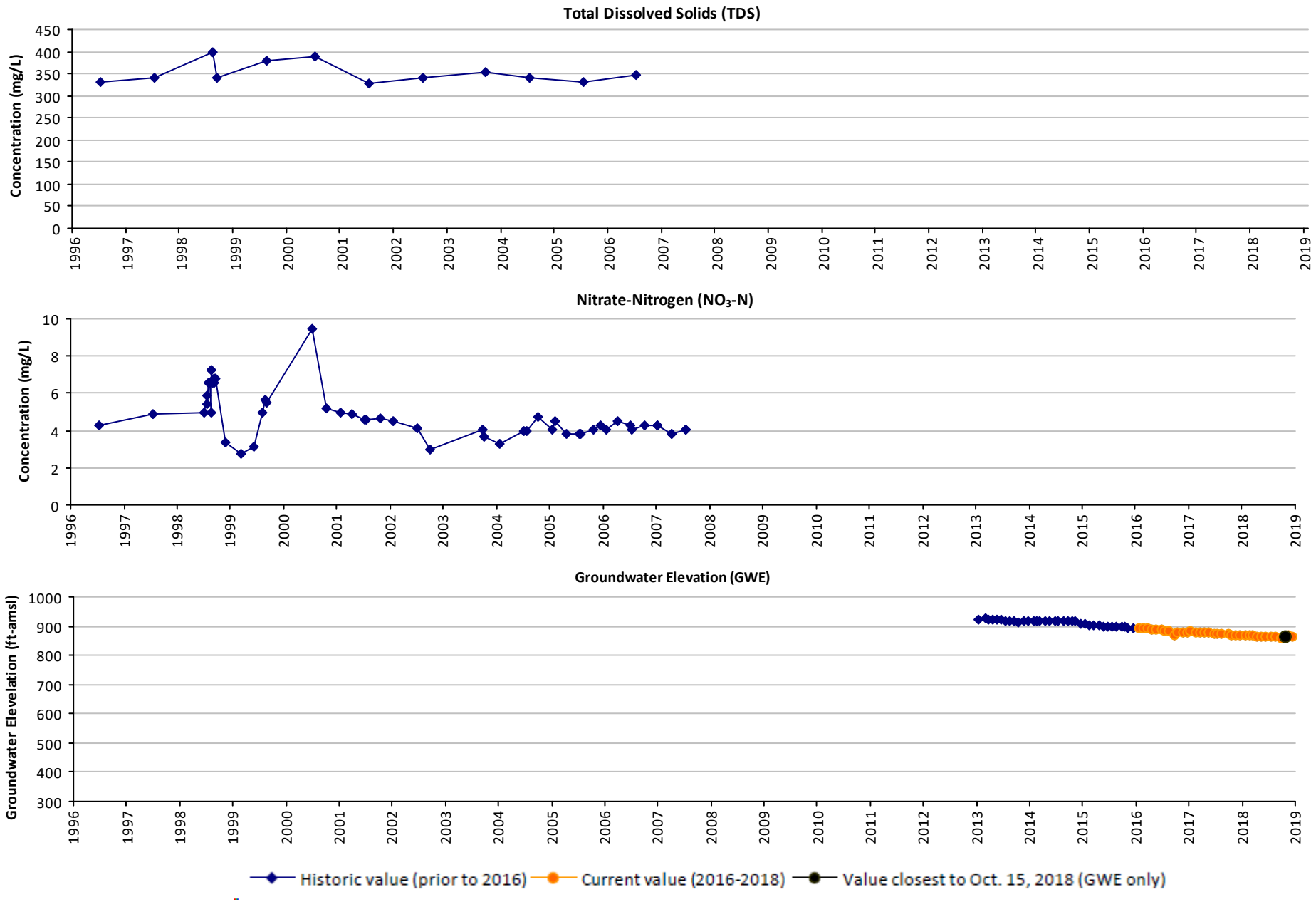
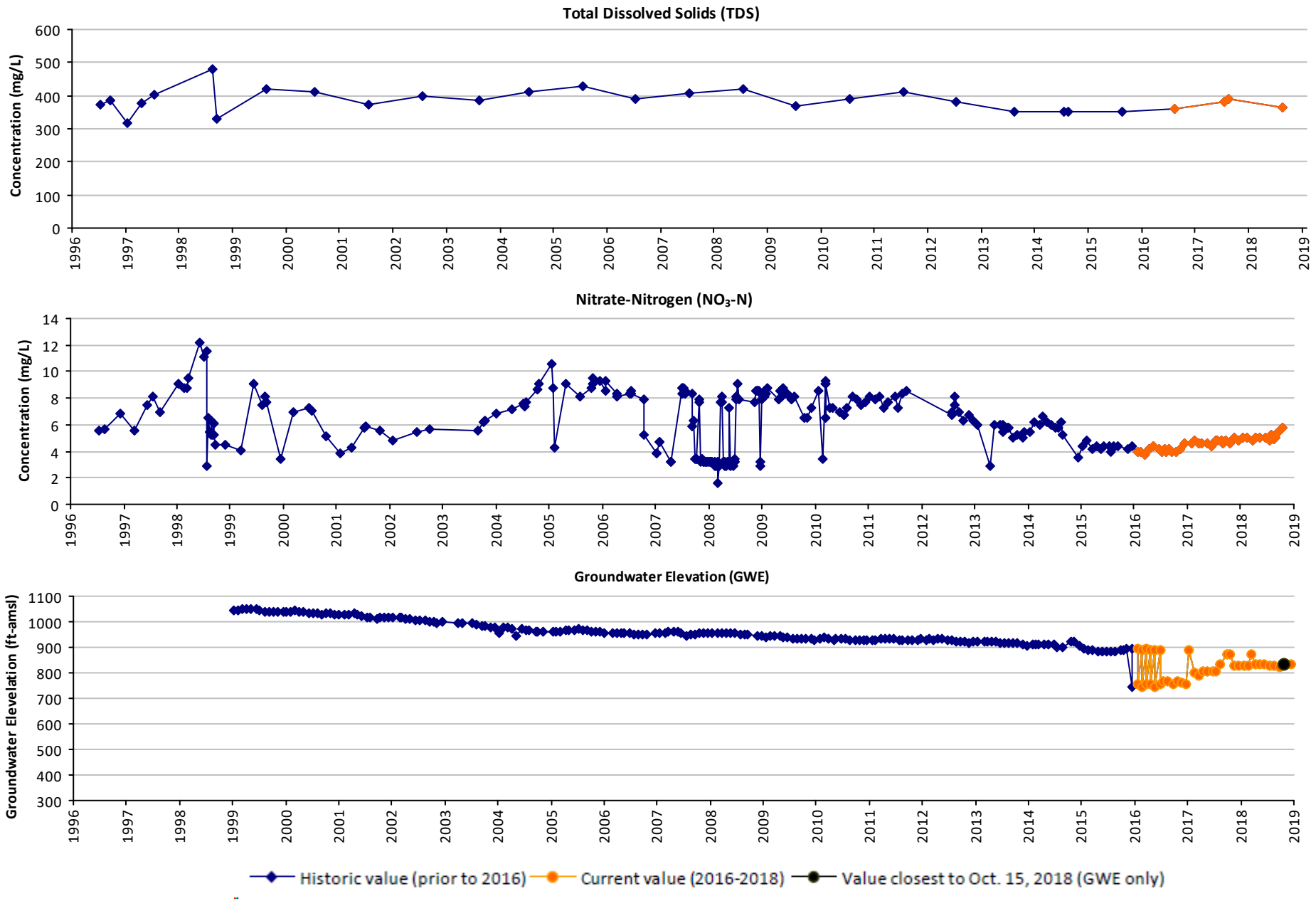
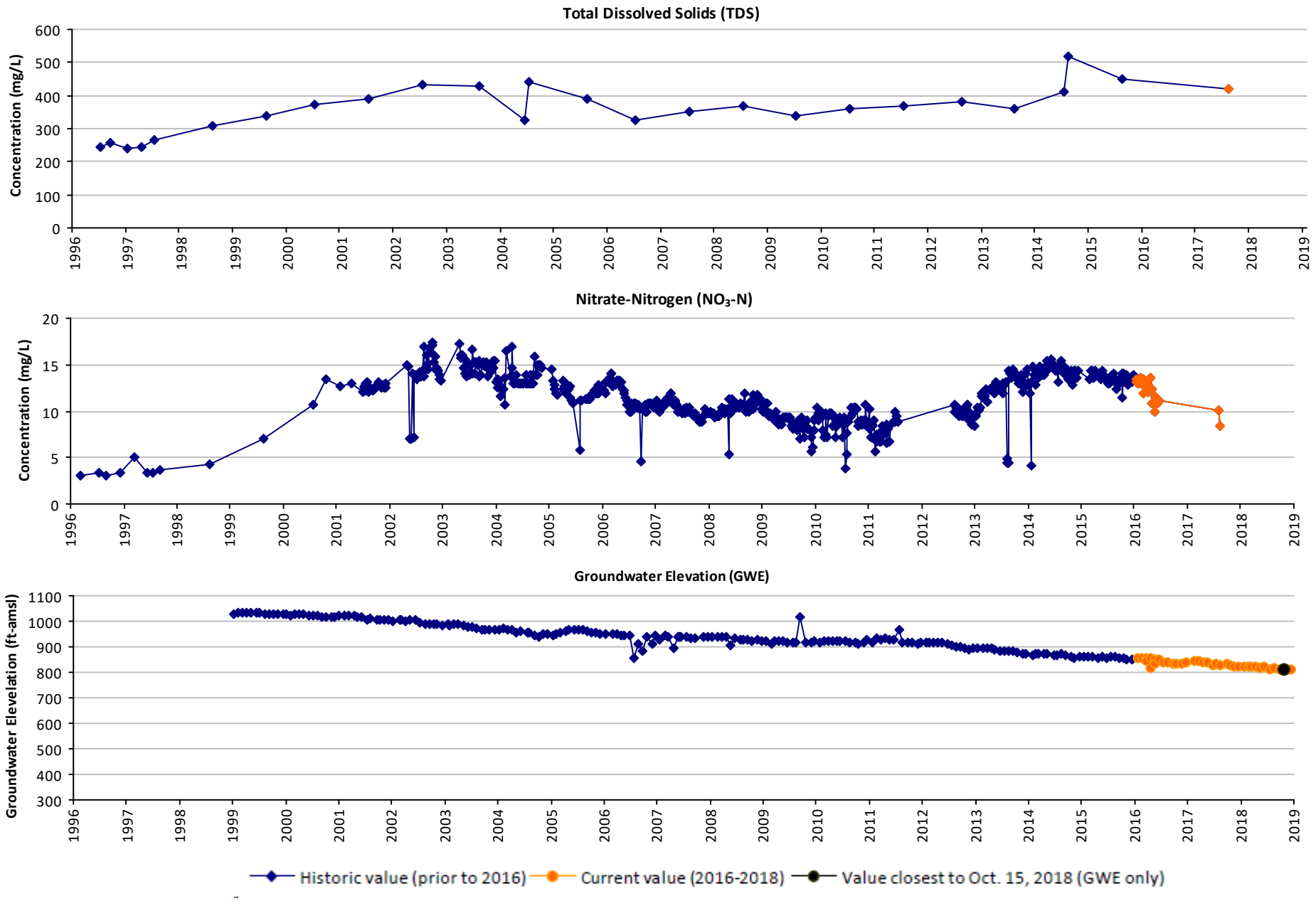
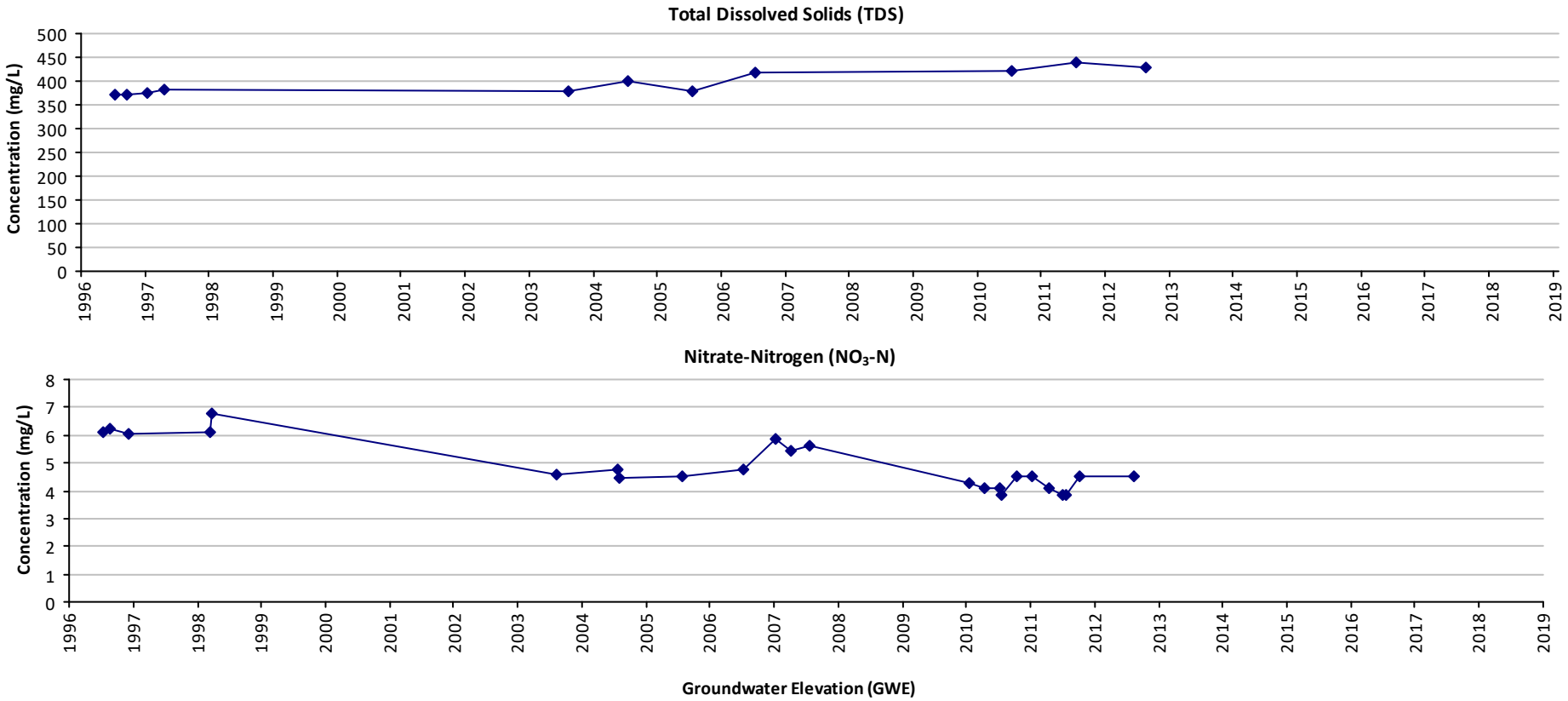
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

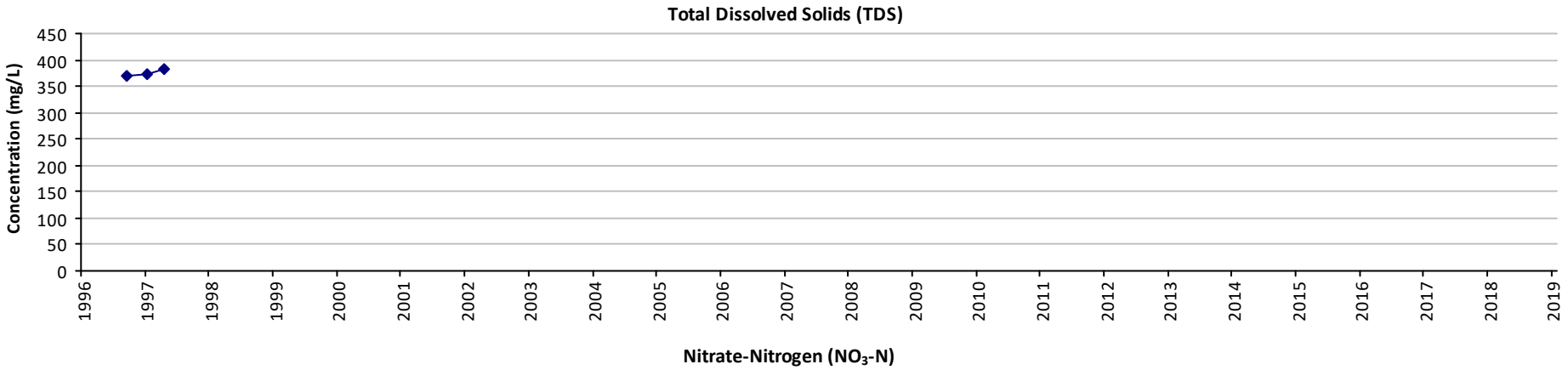

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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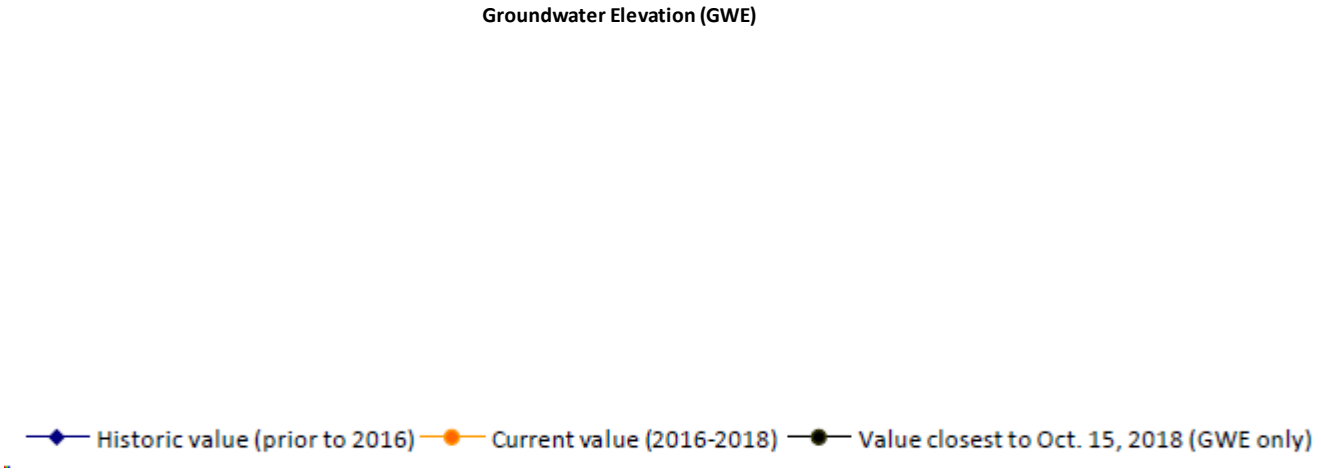
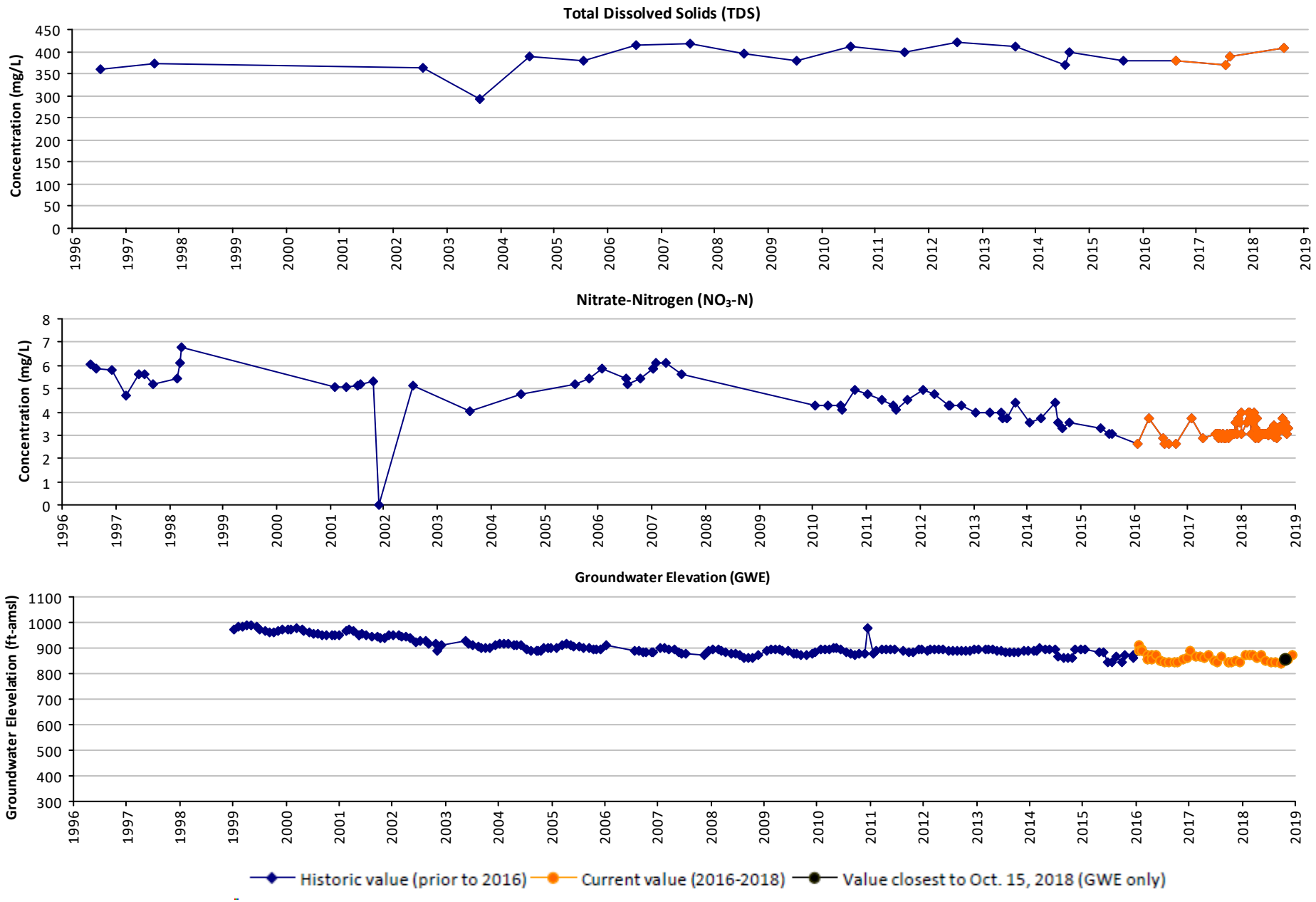
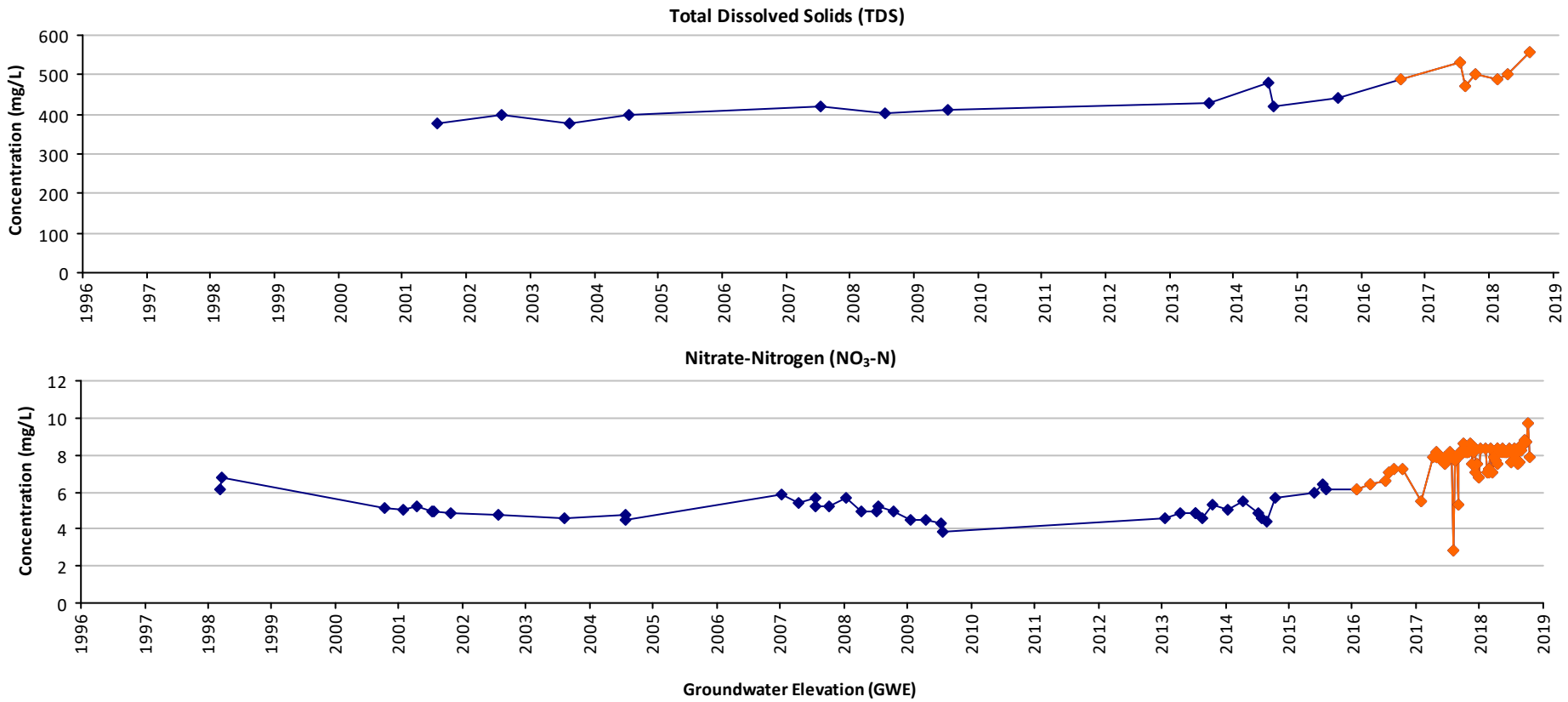
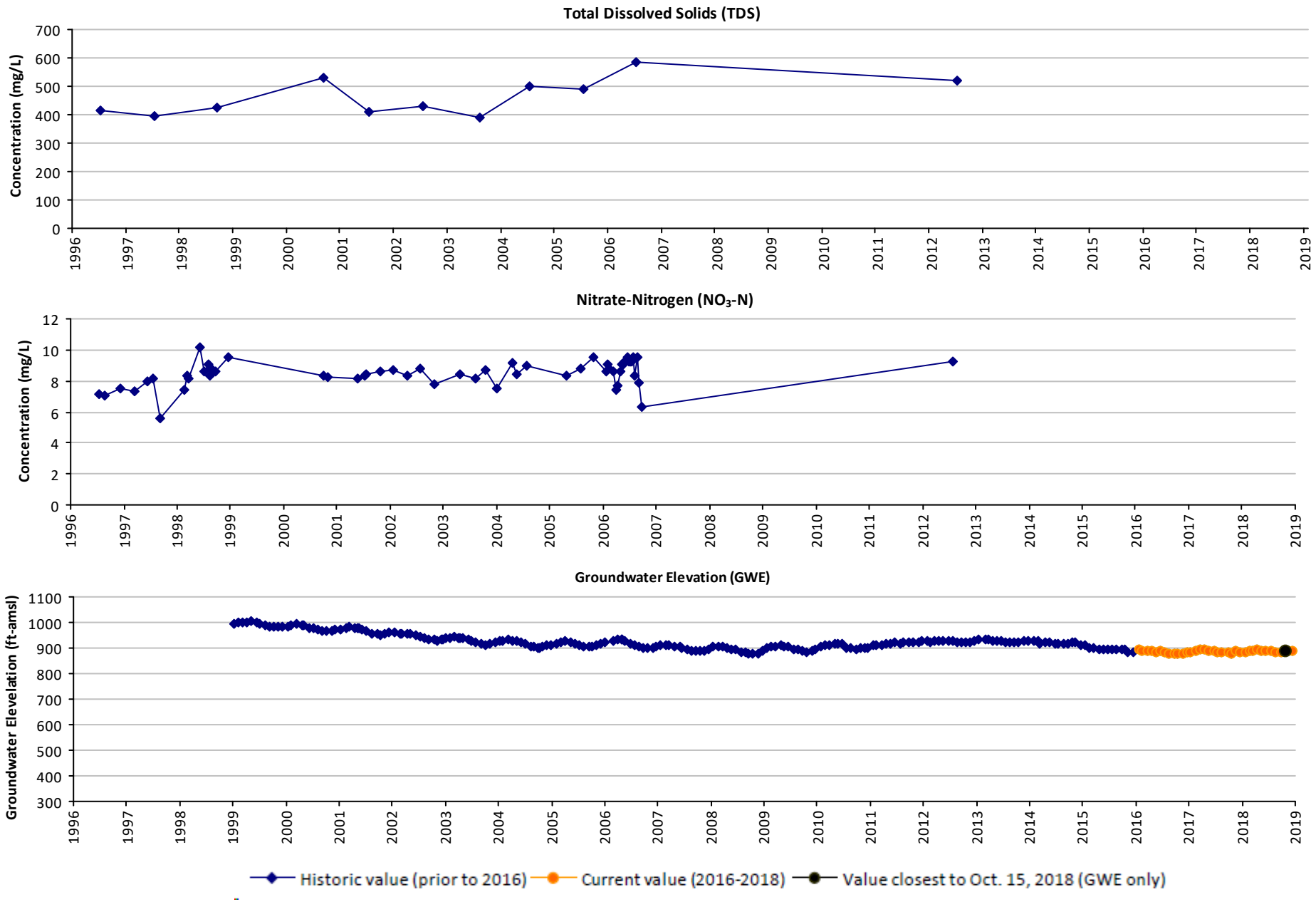
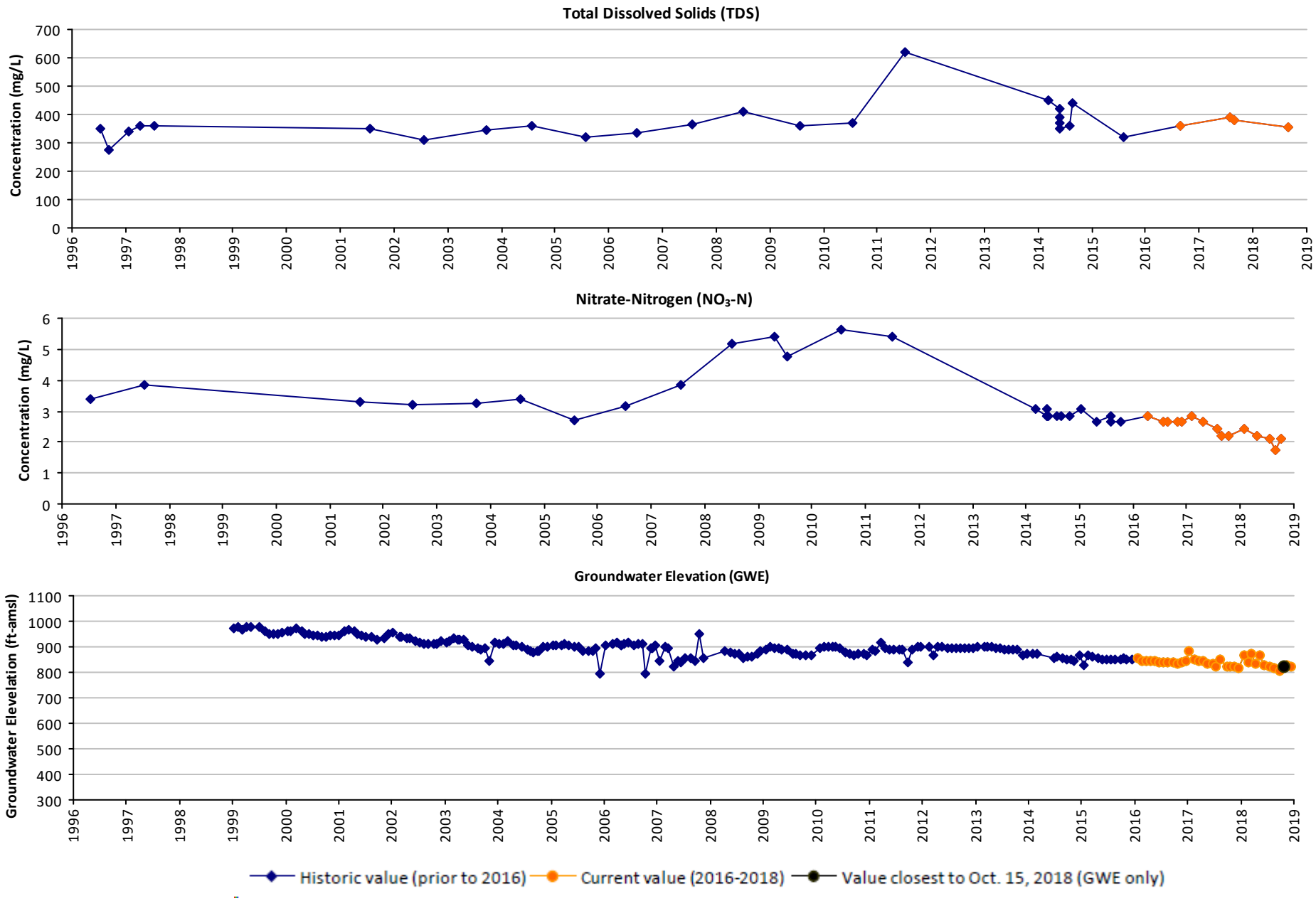
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

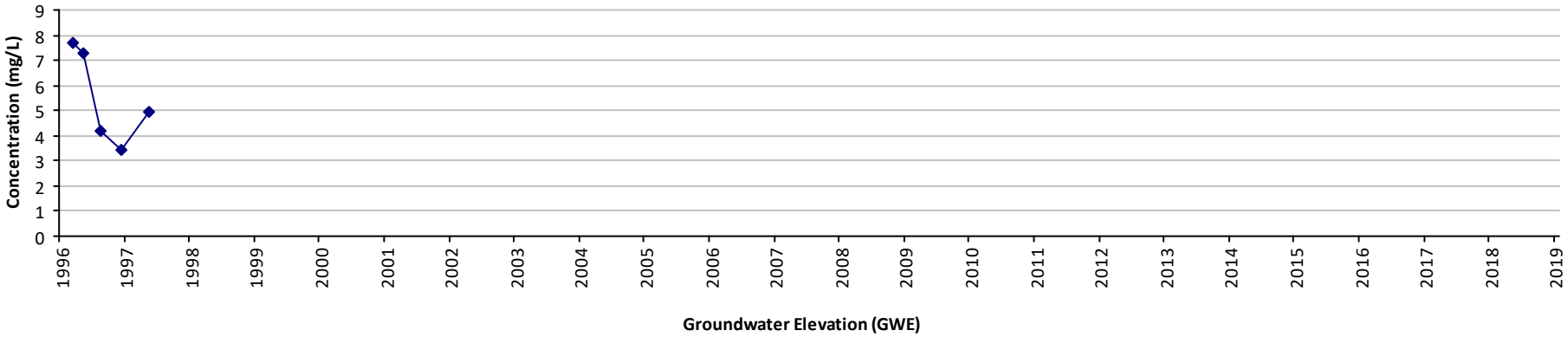

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

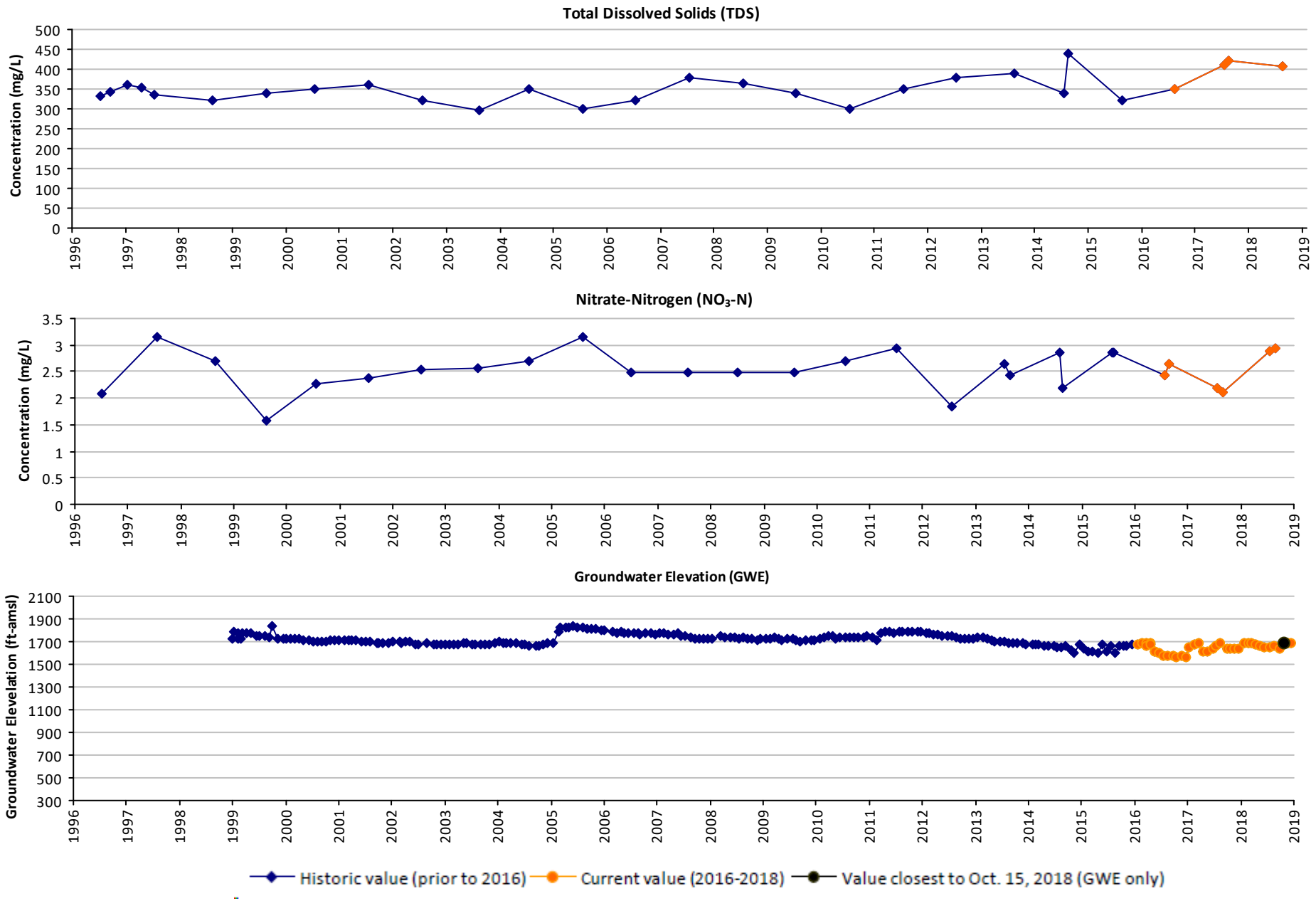

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

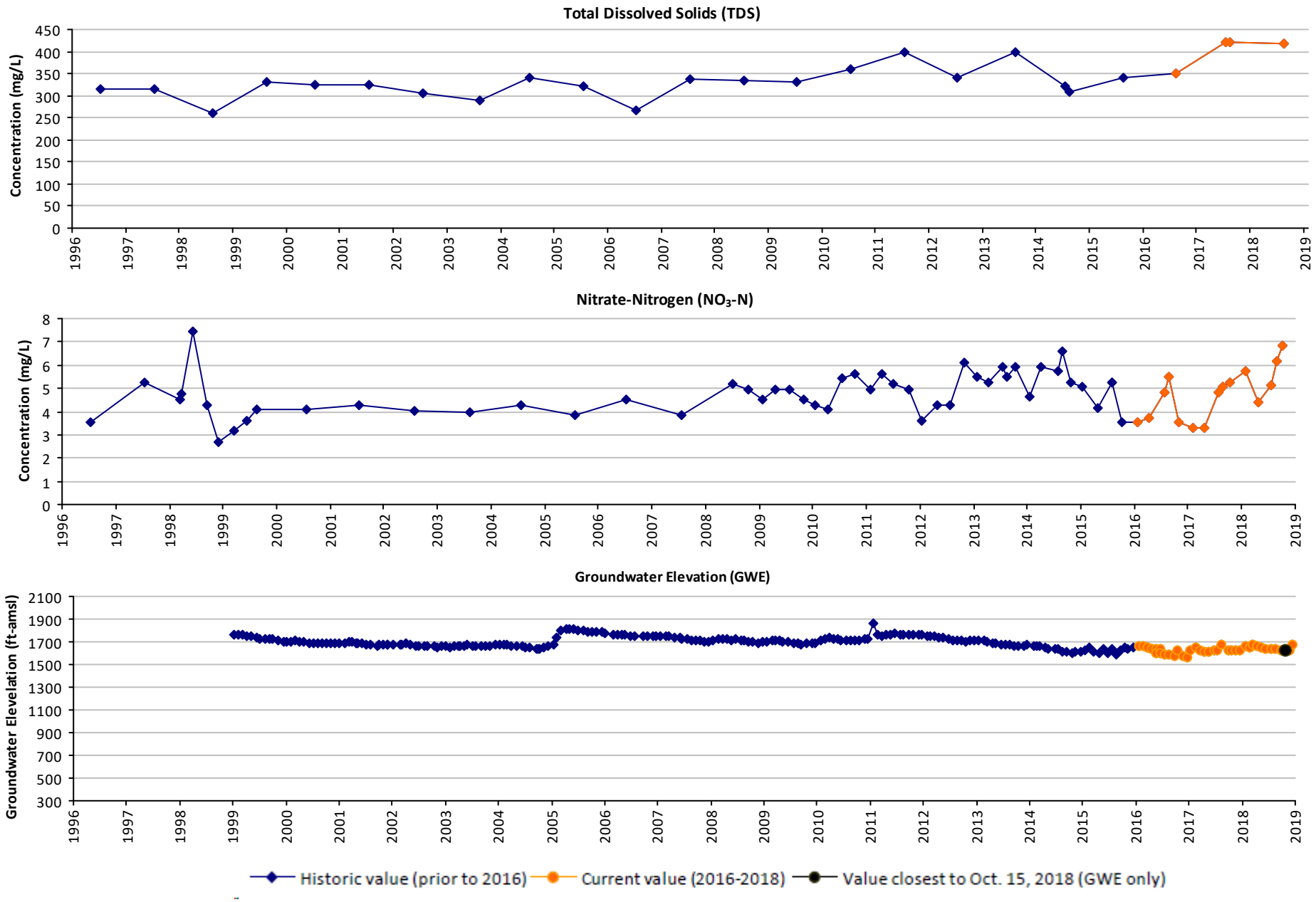
Total Dissolved Solids (TDS)

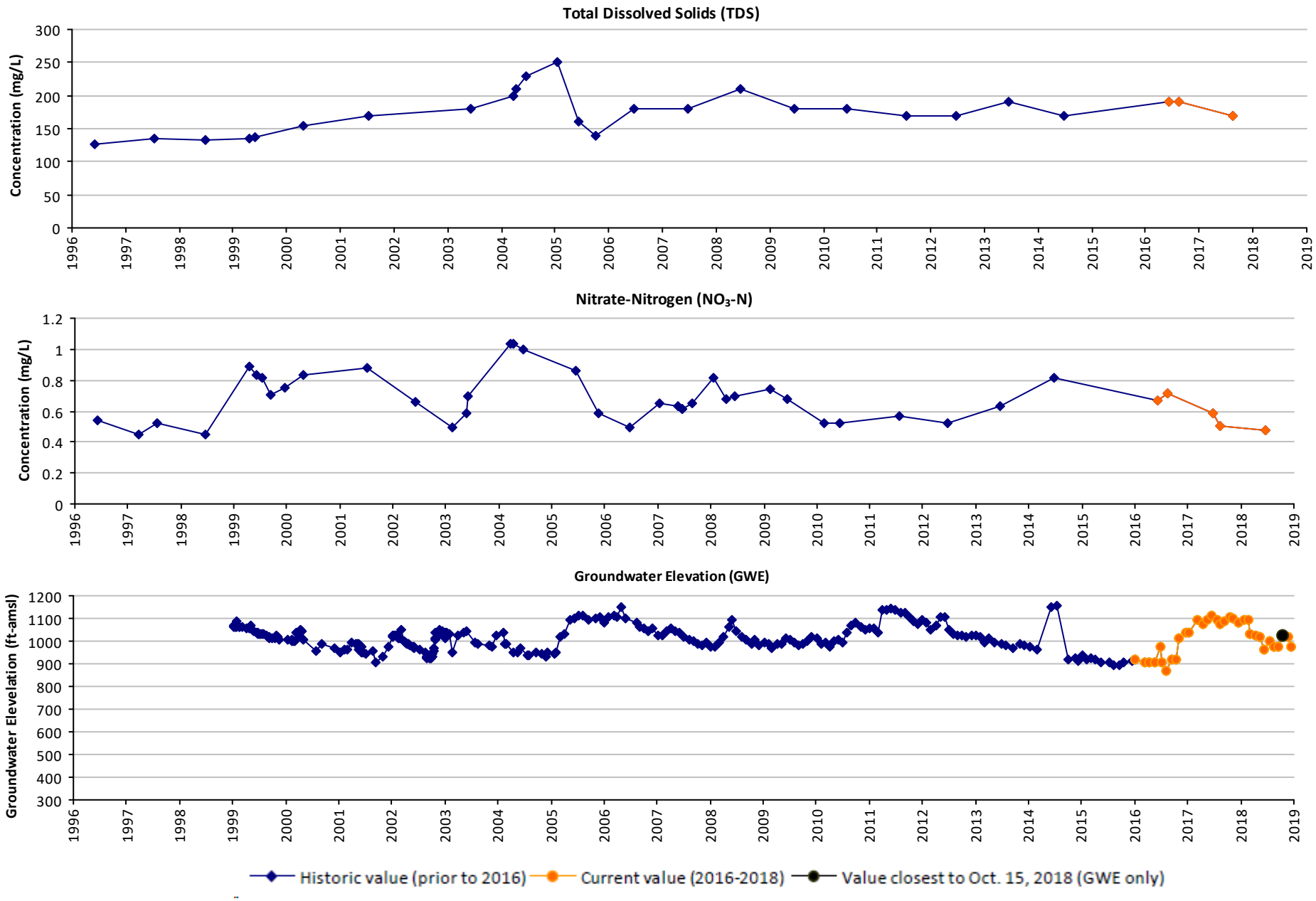
Nitrate-Nitrogen (NO_3-N)

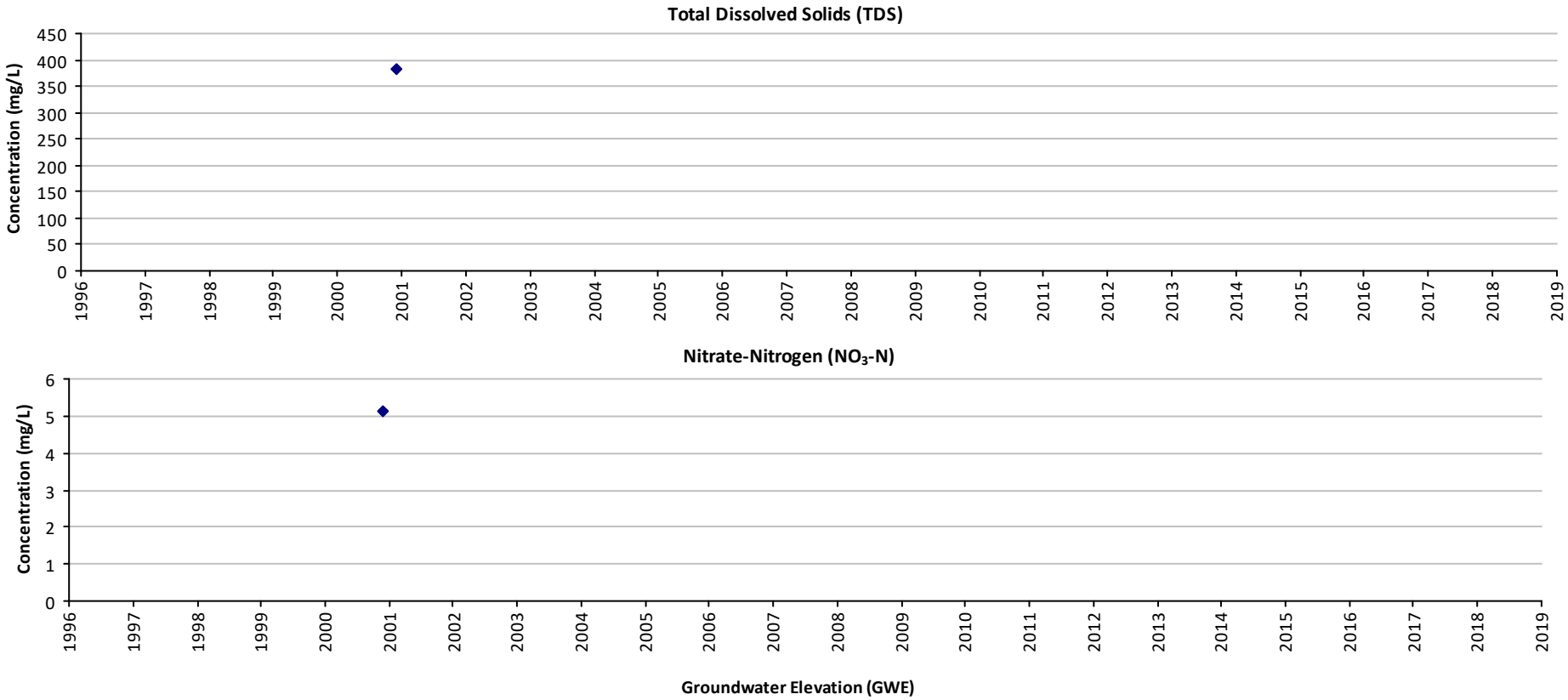


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

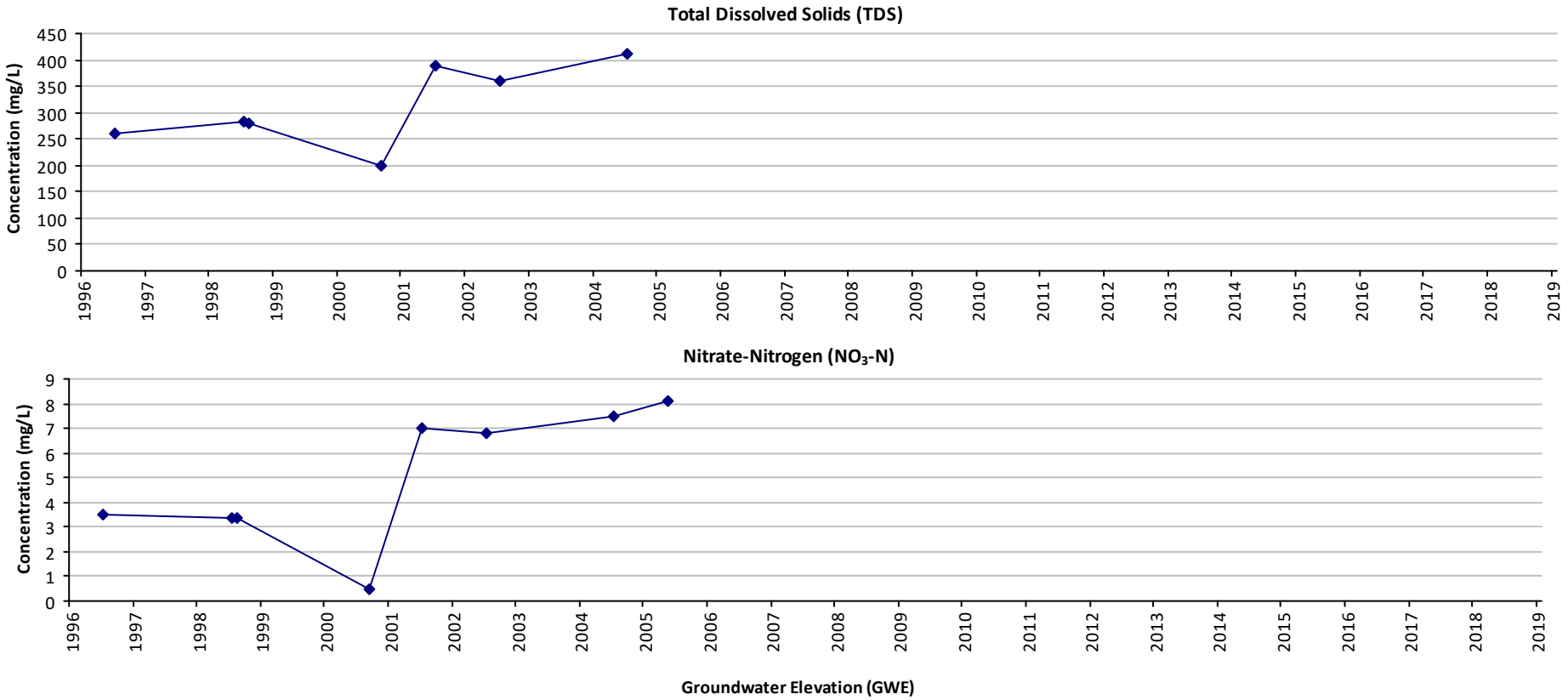

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2011
2012
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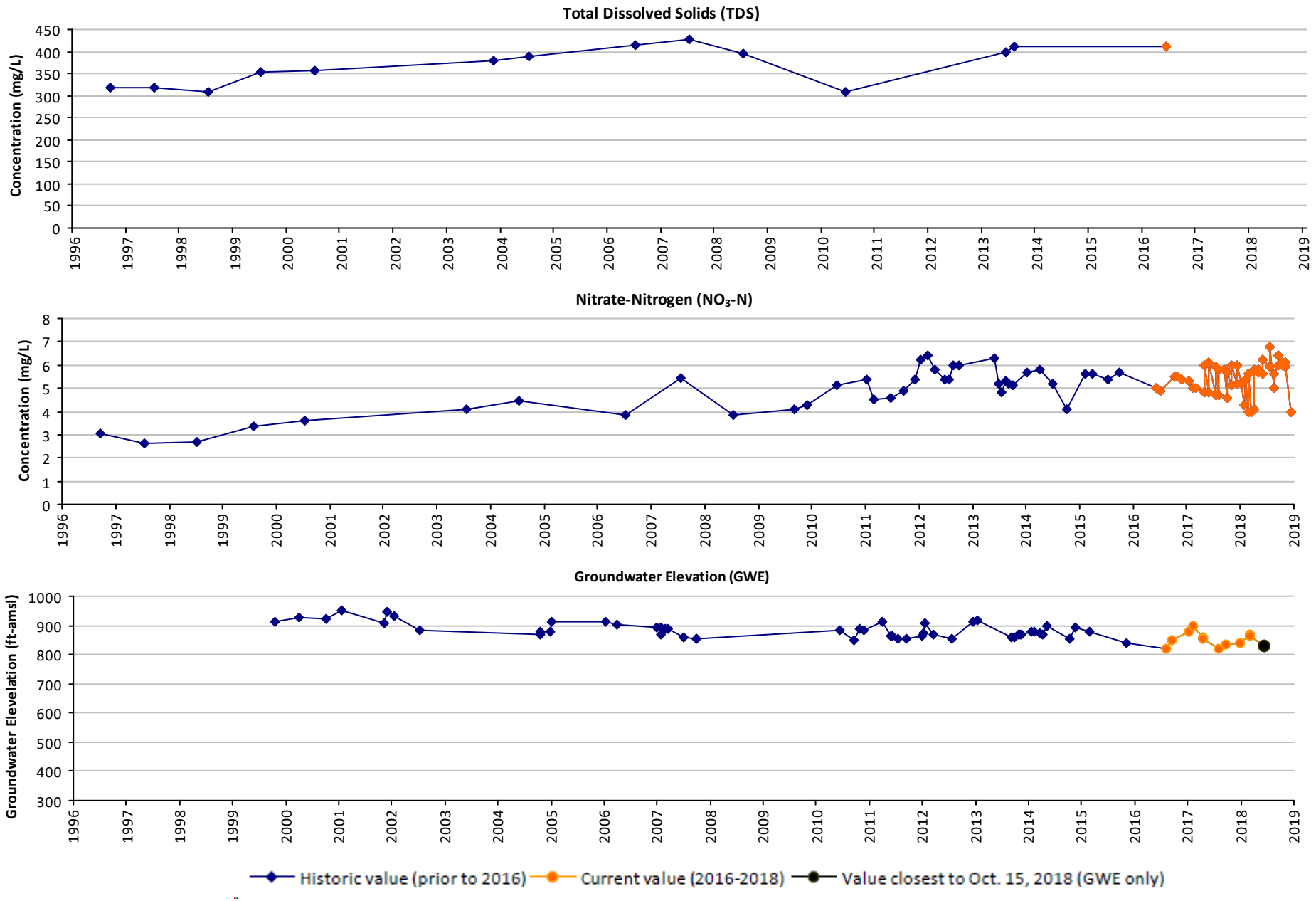
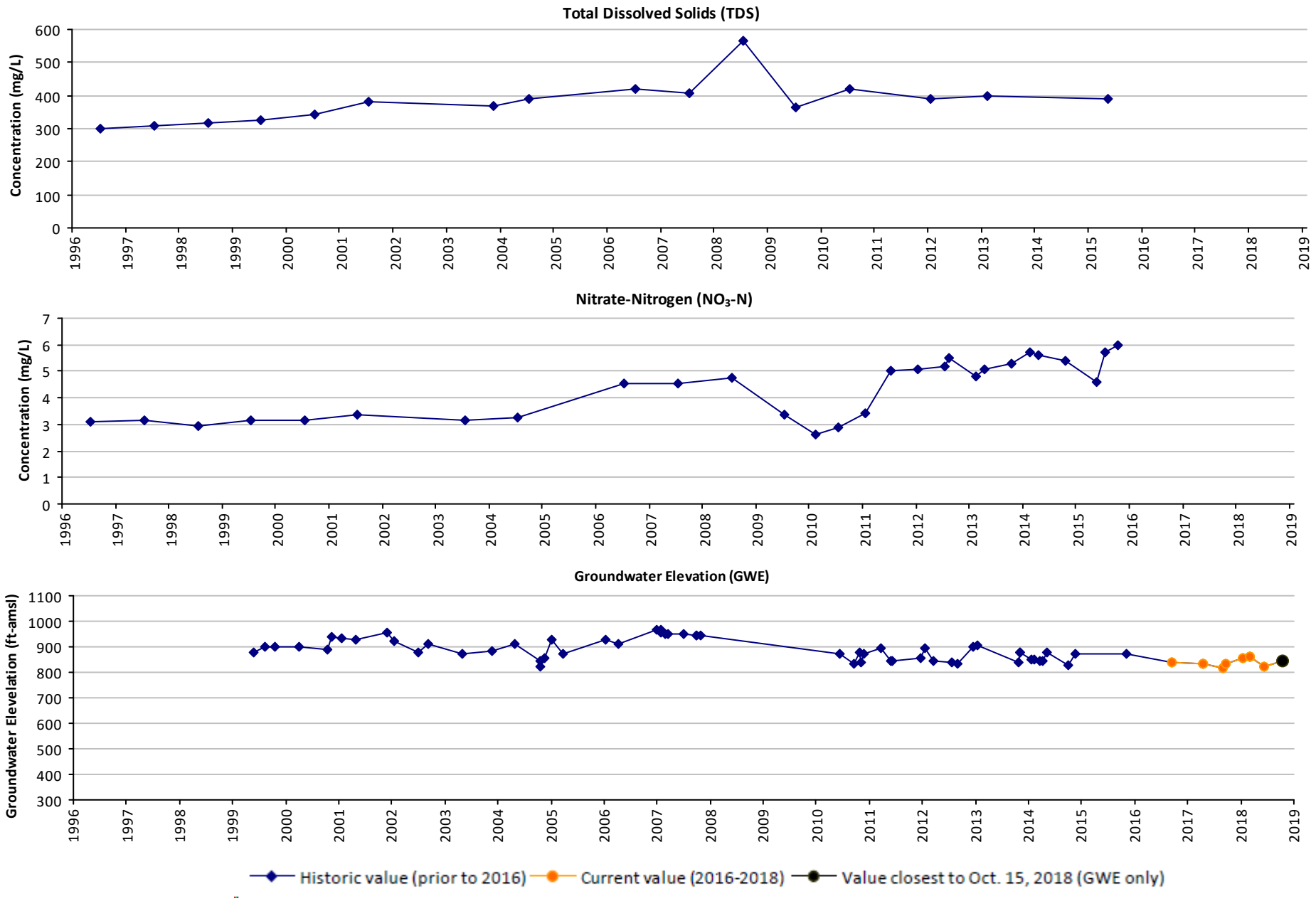
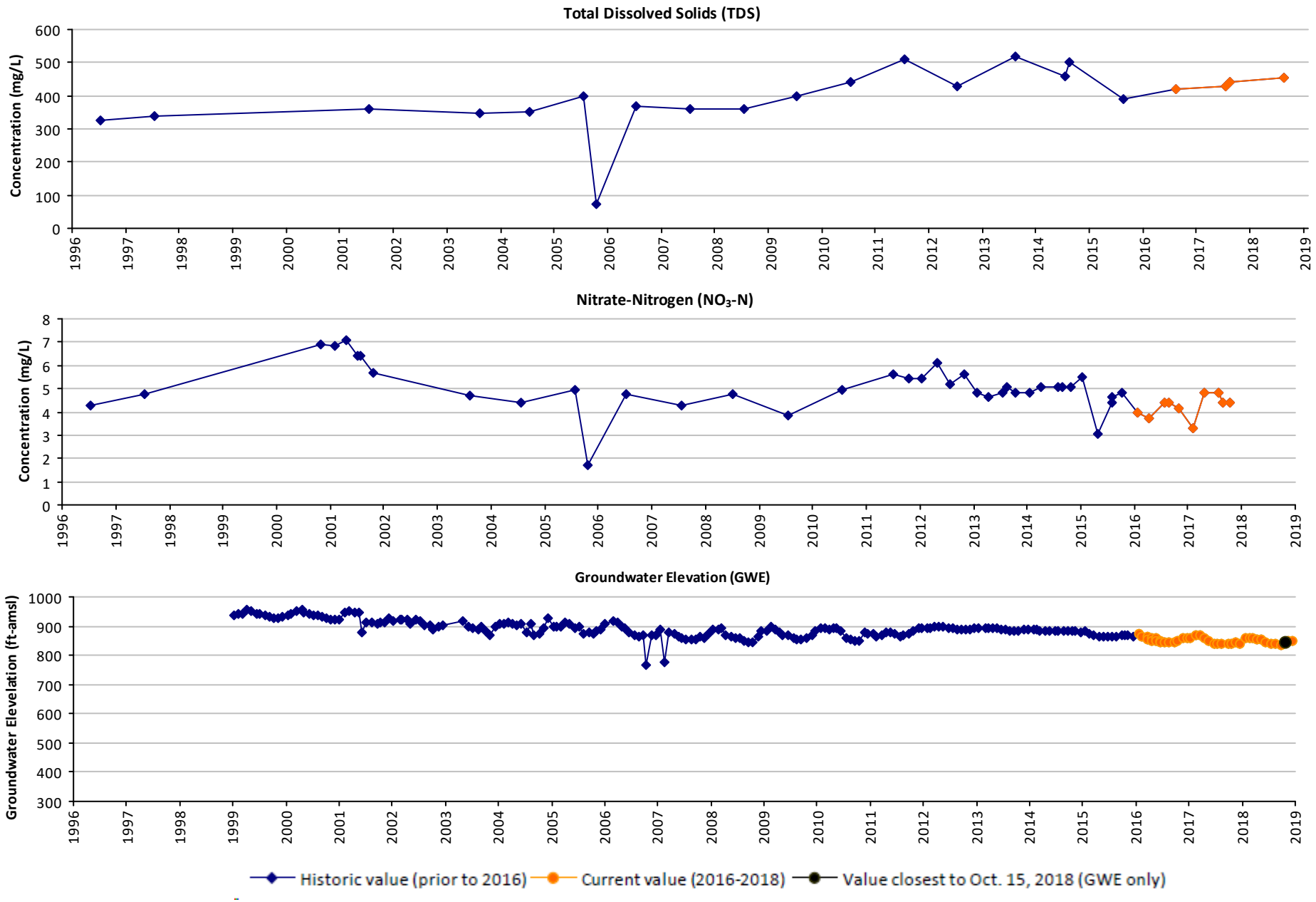
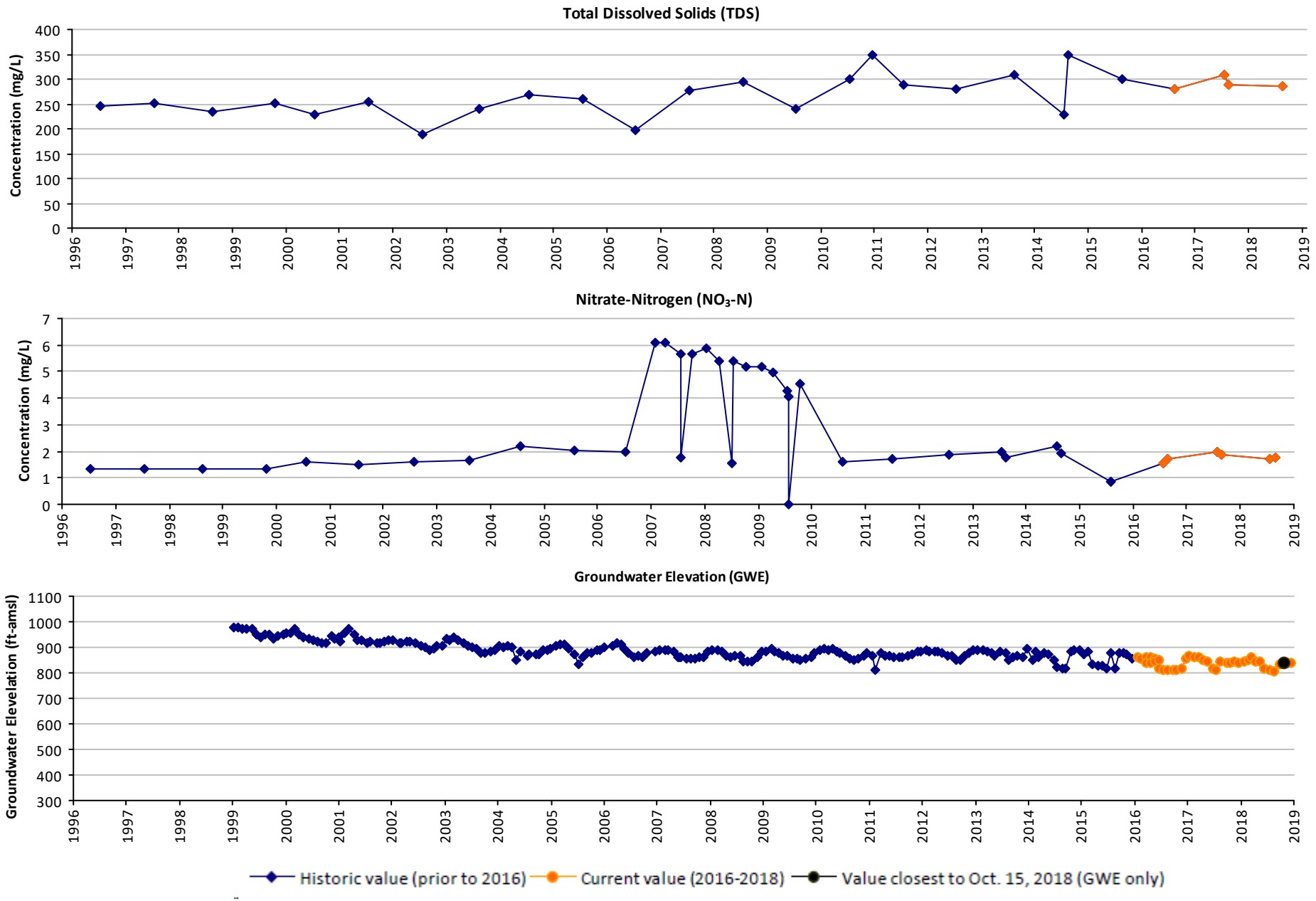
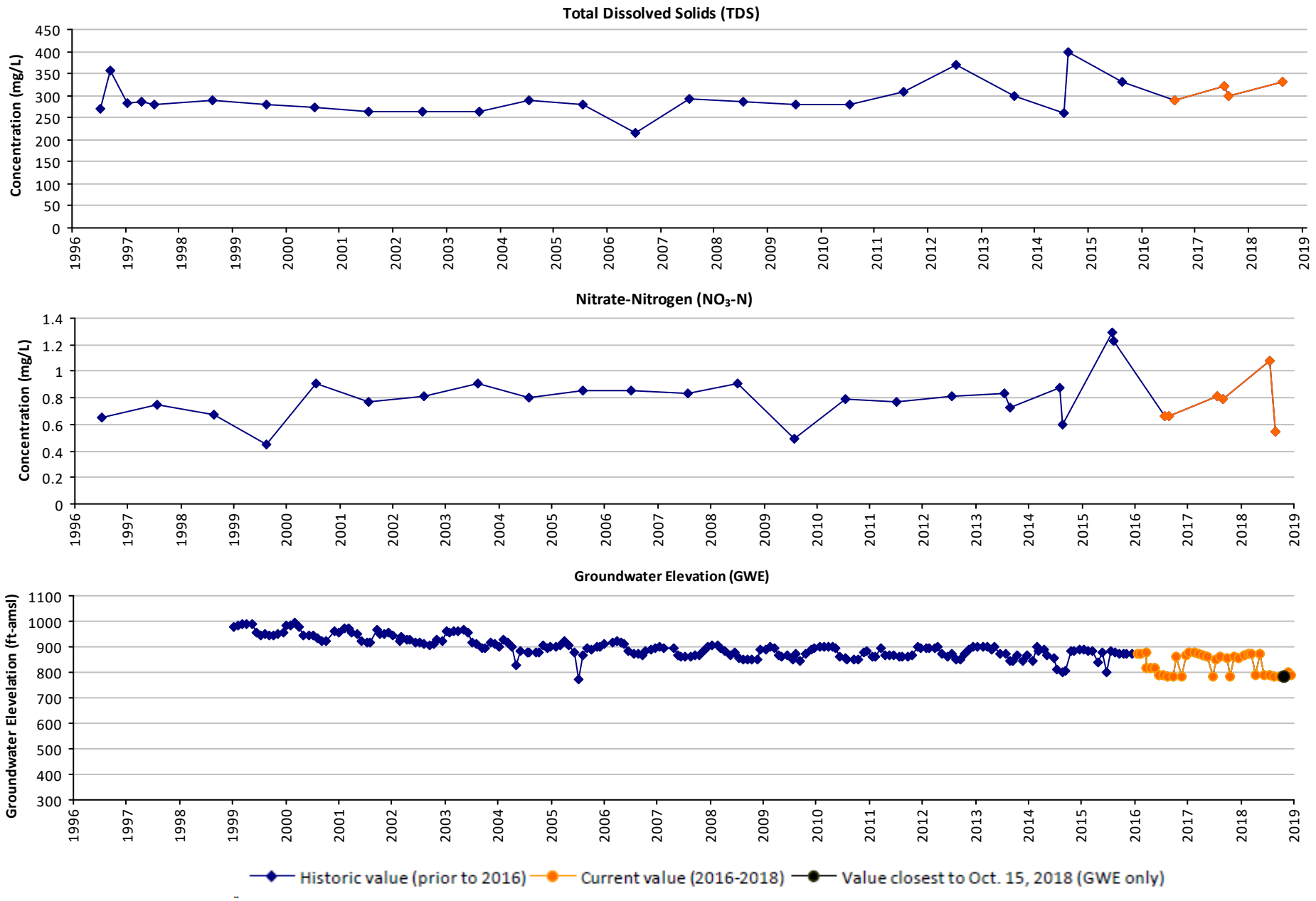
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

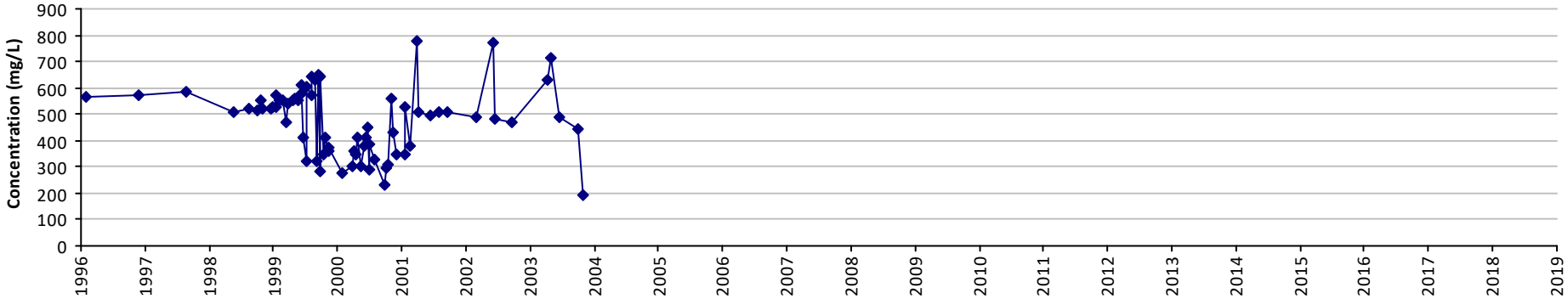

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

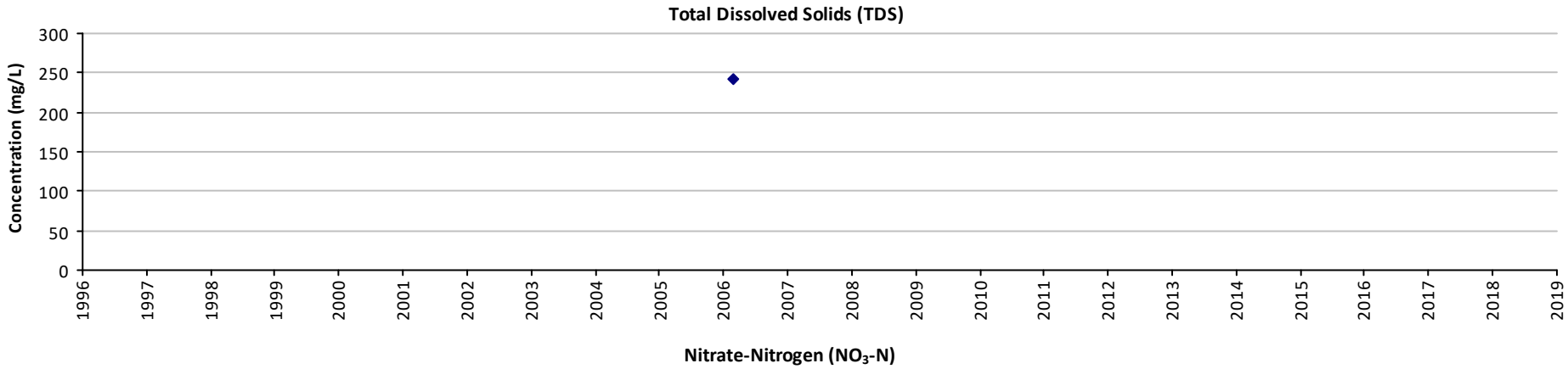
Total Dissolved Solids (TDS)

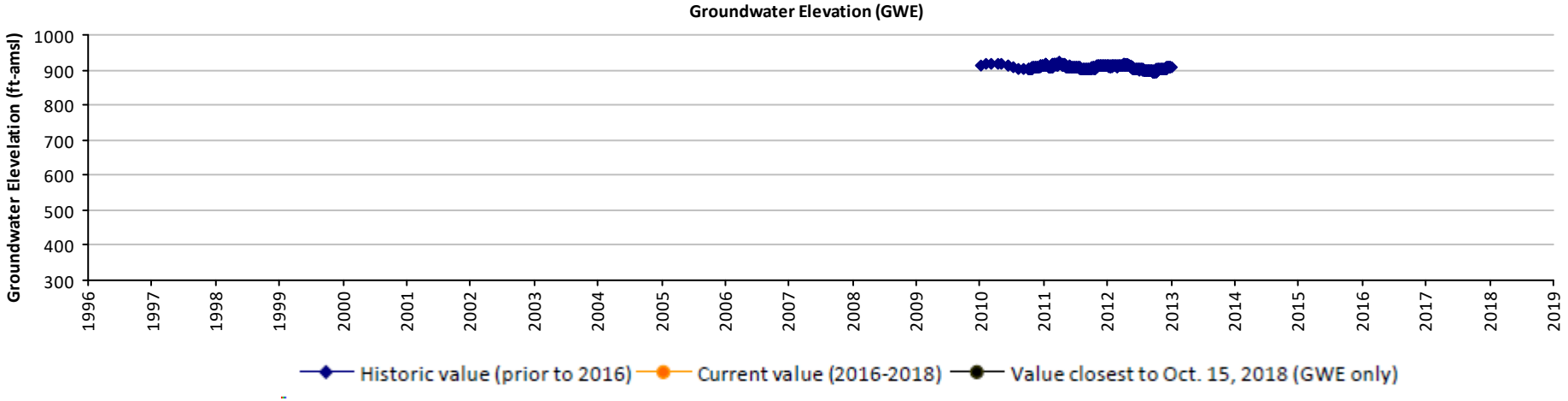


Nitrate-Nitrogen (NO_3-N)

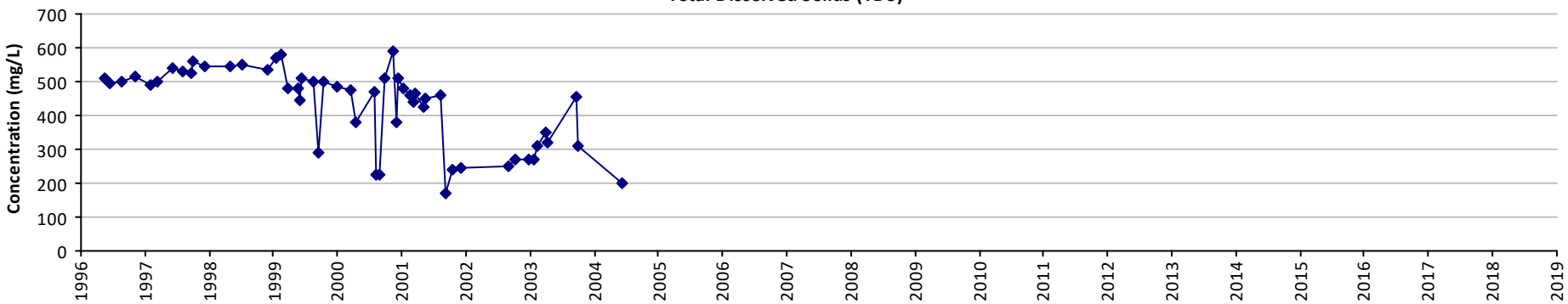
Groundwater Elevation (GWE)

Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

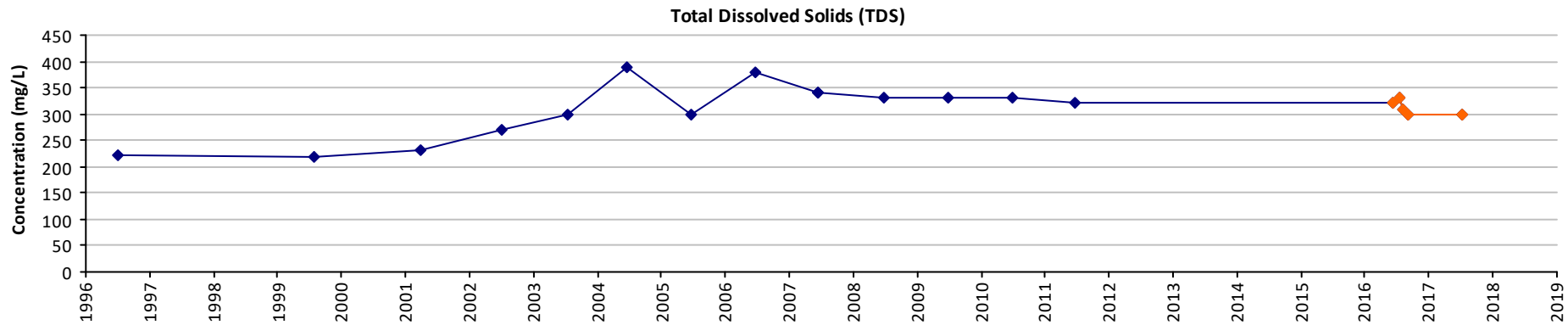
Total Dissolved Solids (TDS)

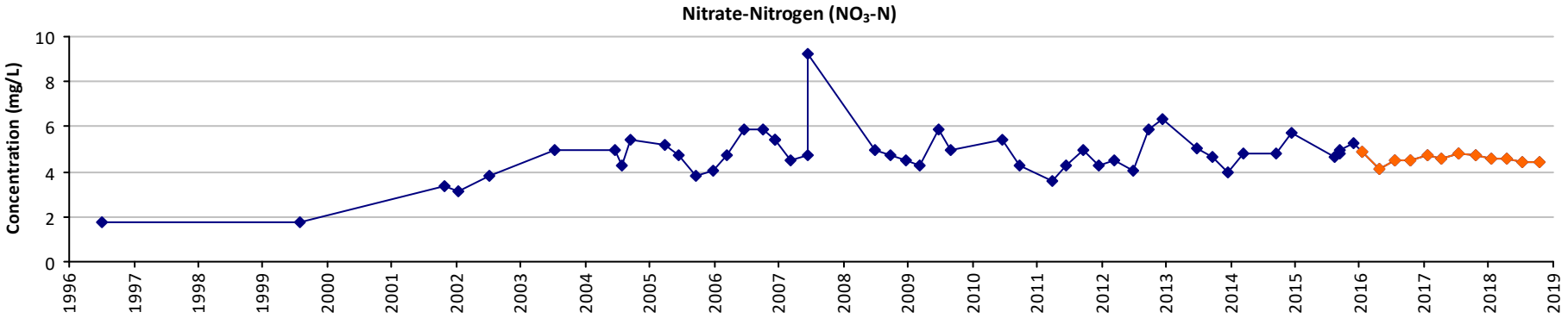


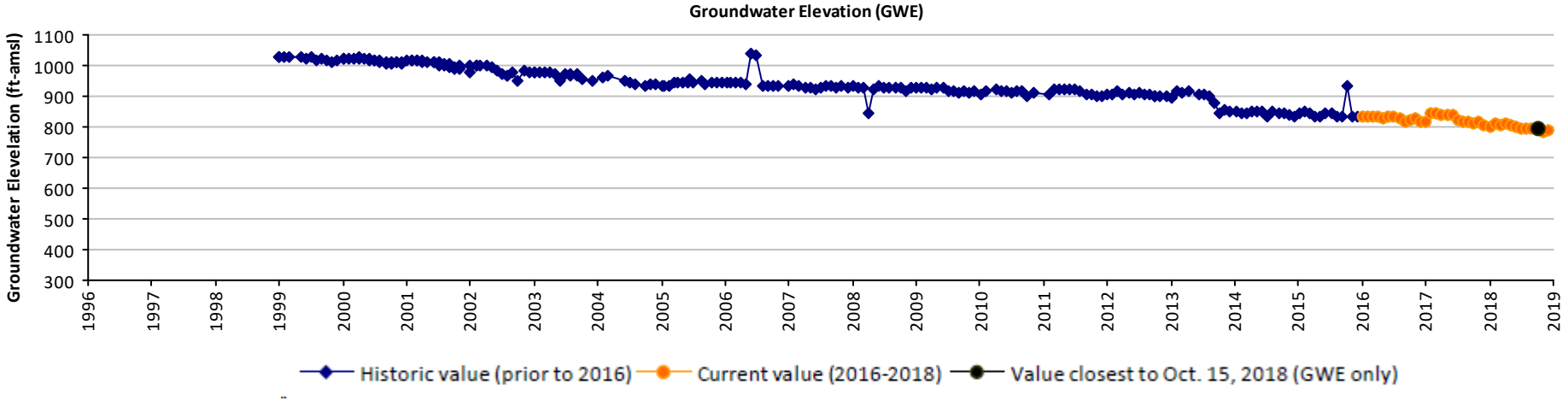
Nitrate-Nitrogen (NO_3-N)

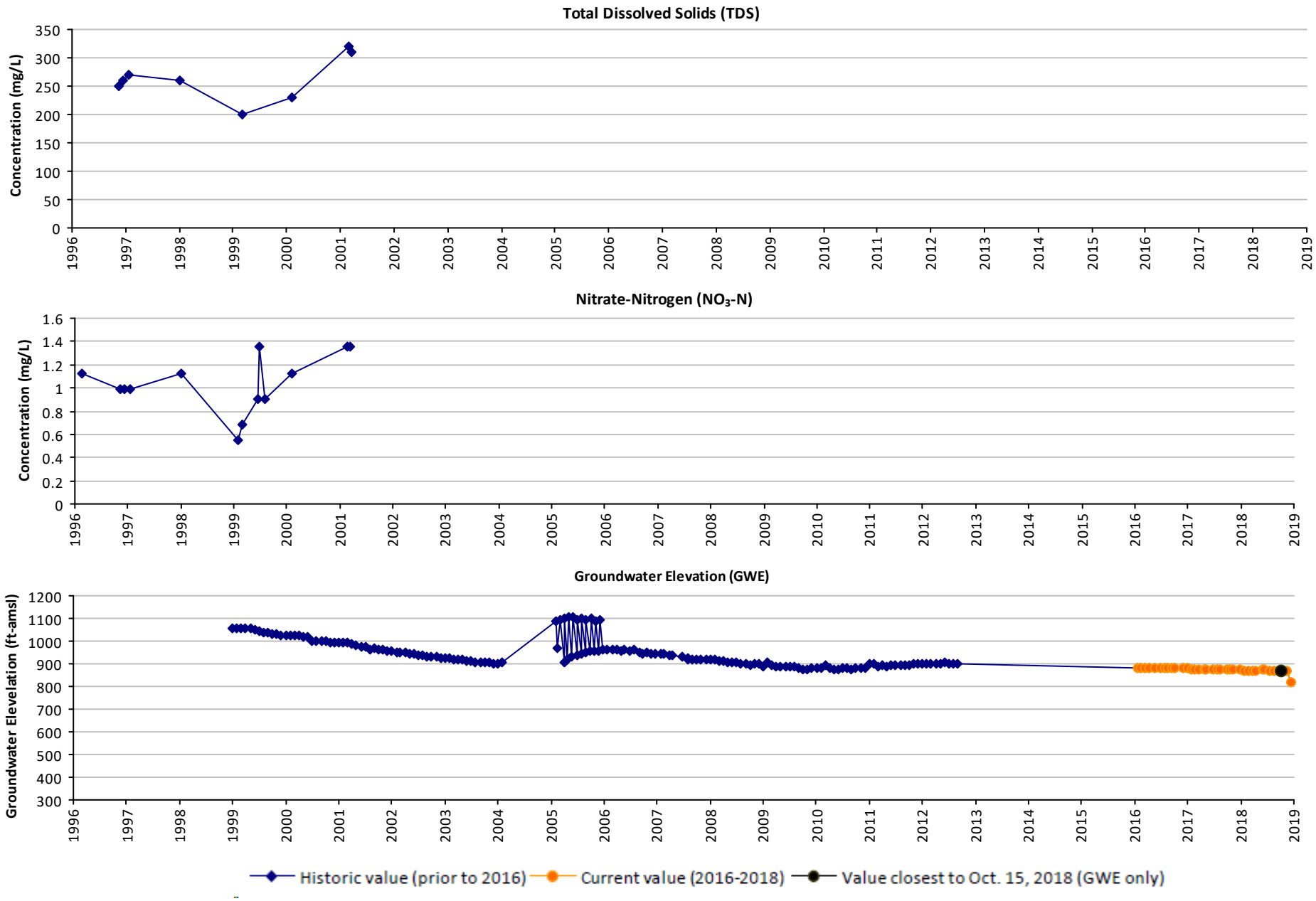
Groundwater Elevation (GWE)

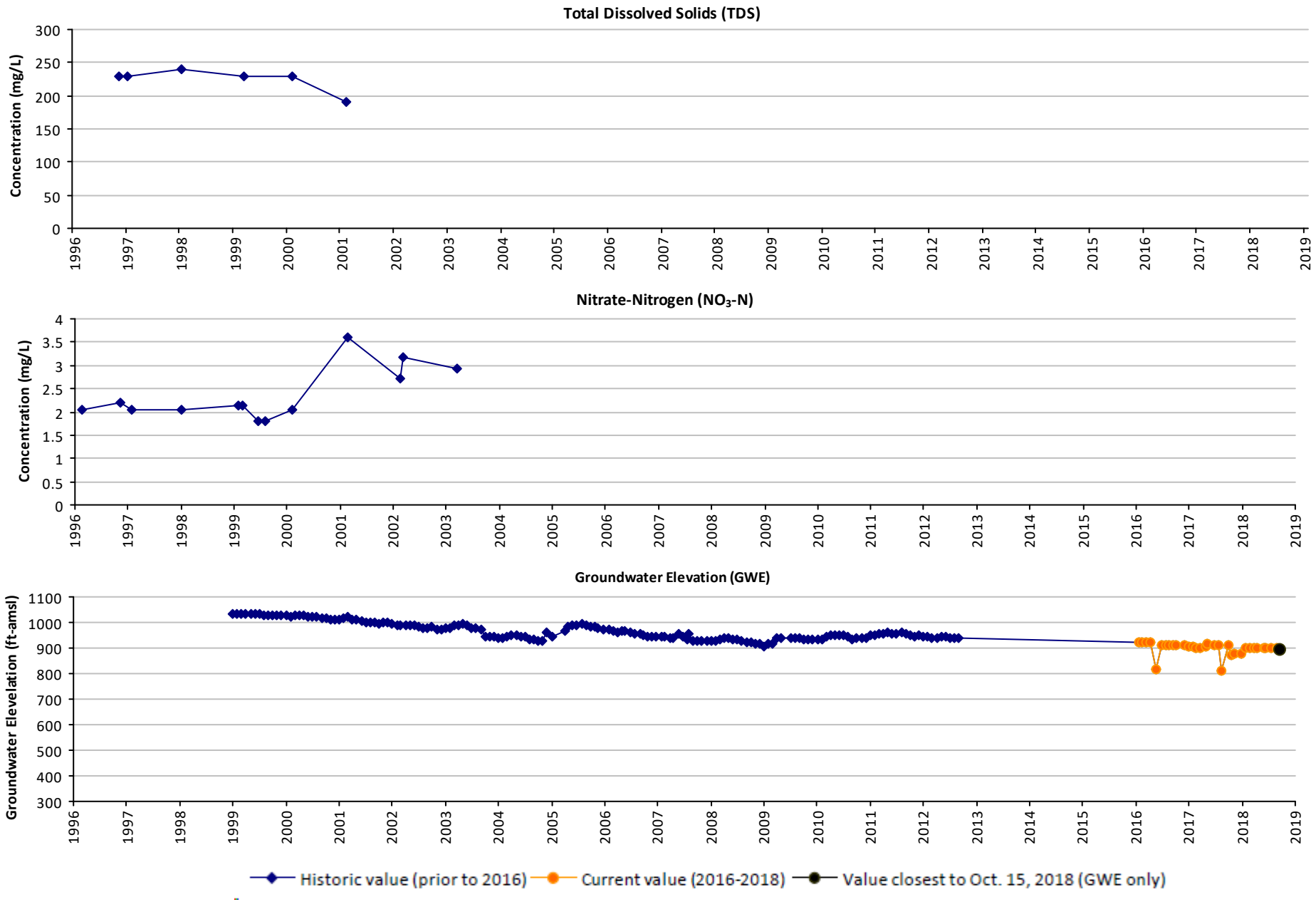
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

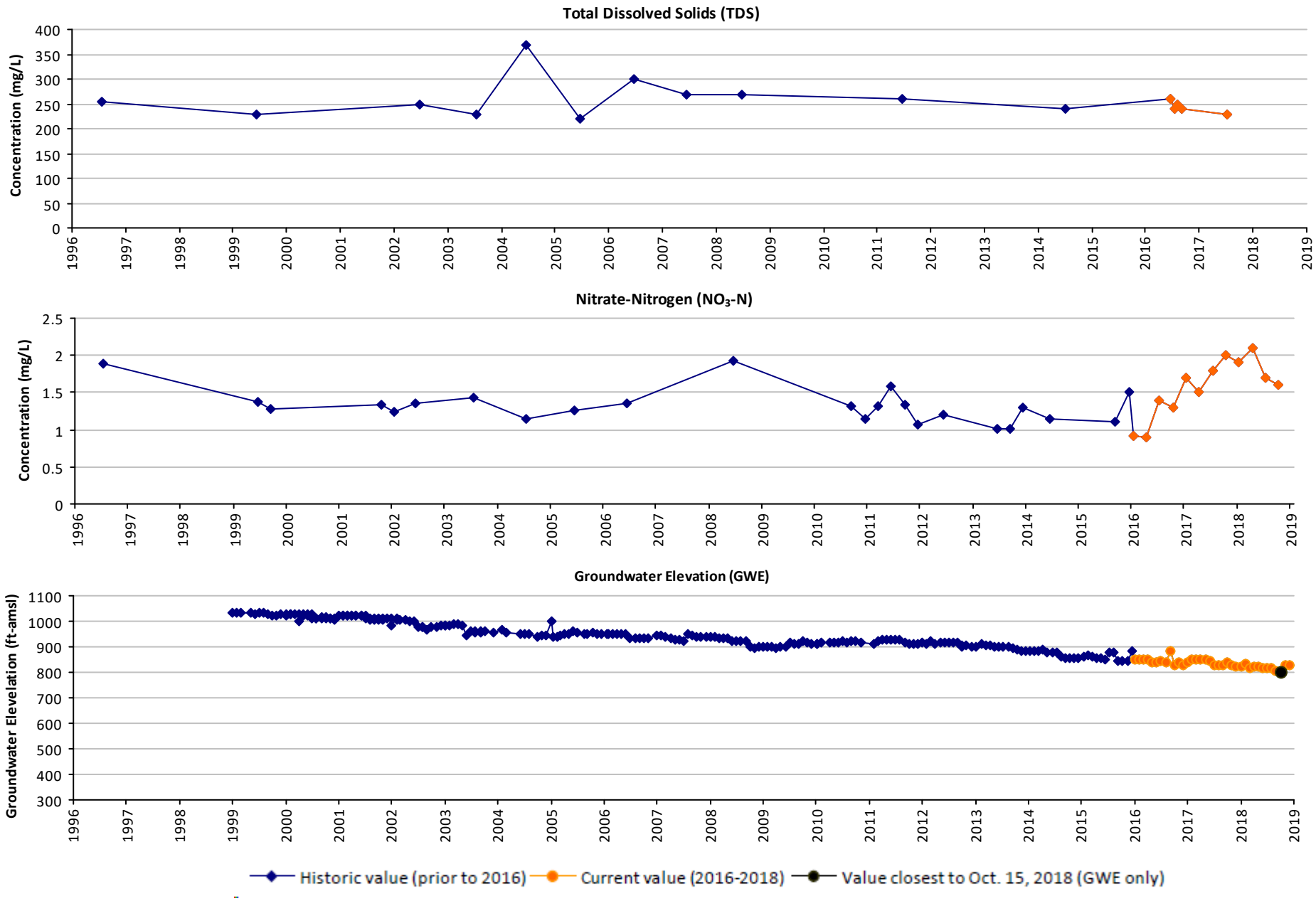

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

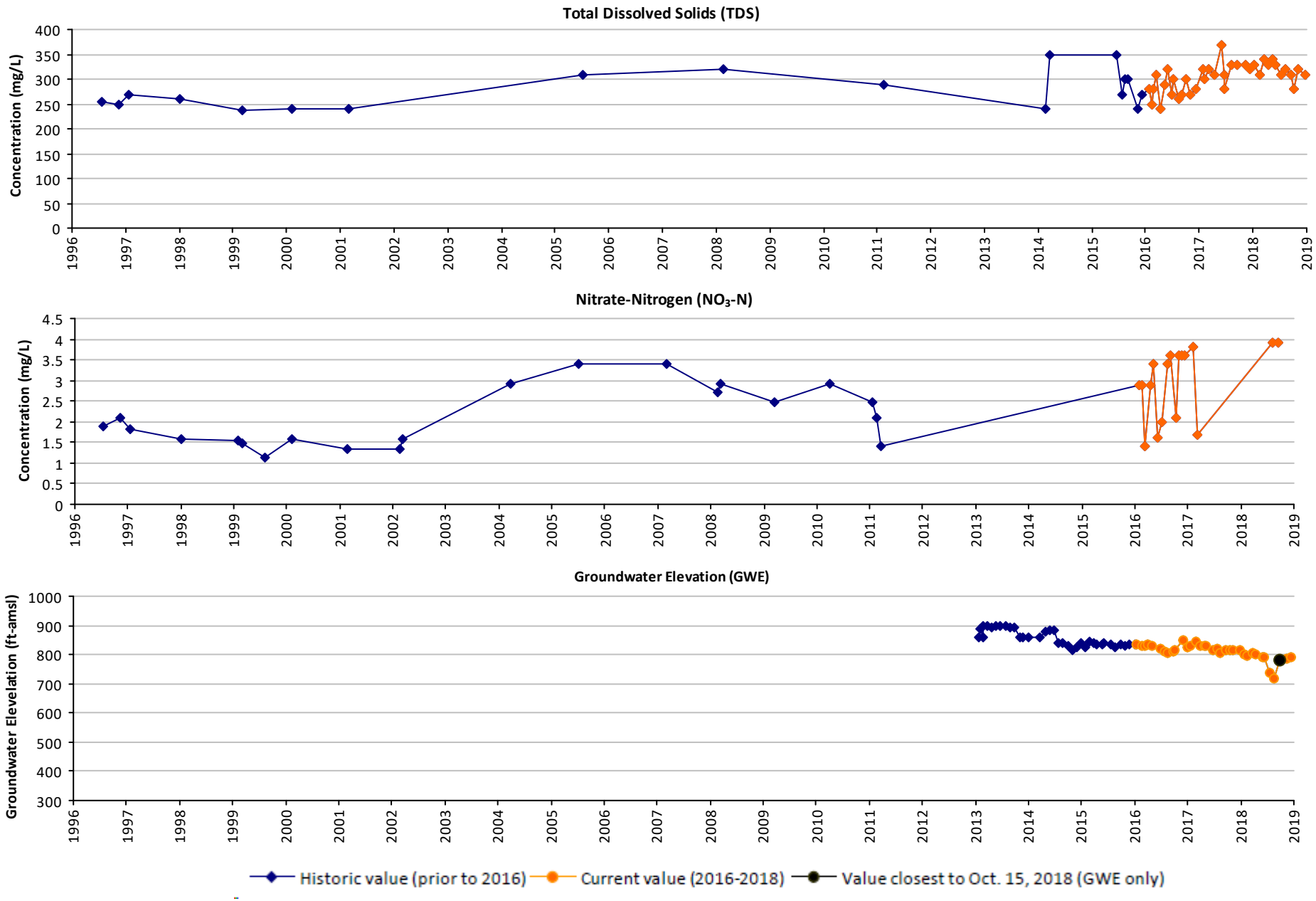

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

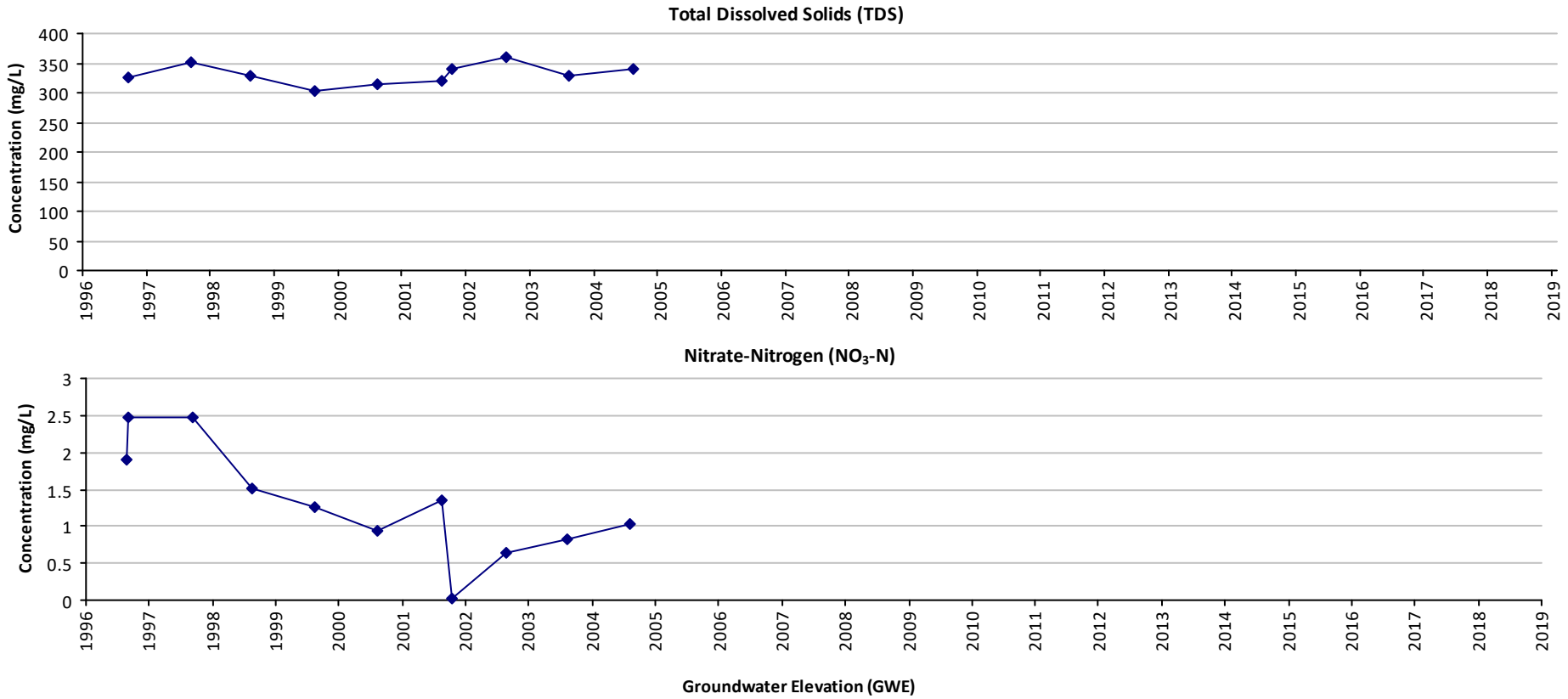

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

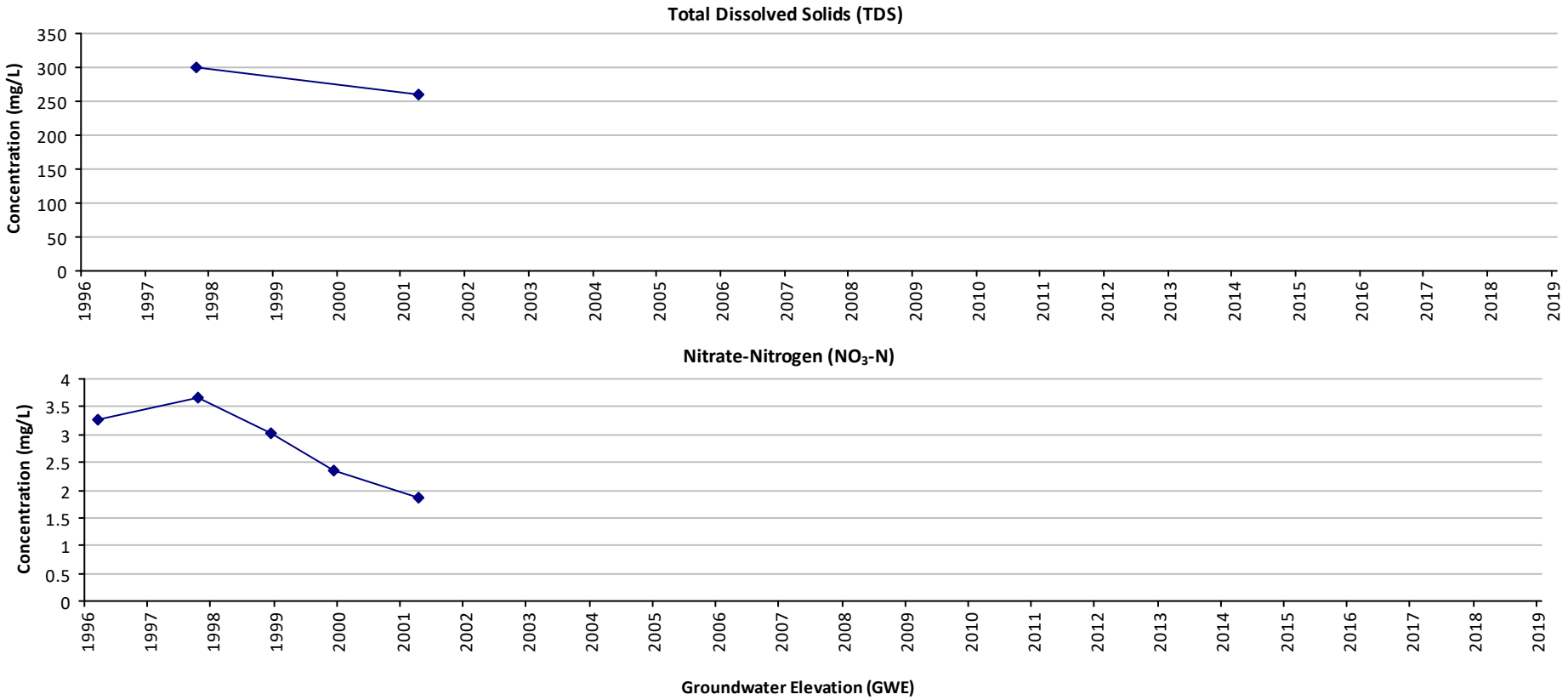

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

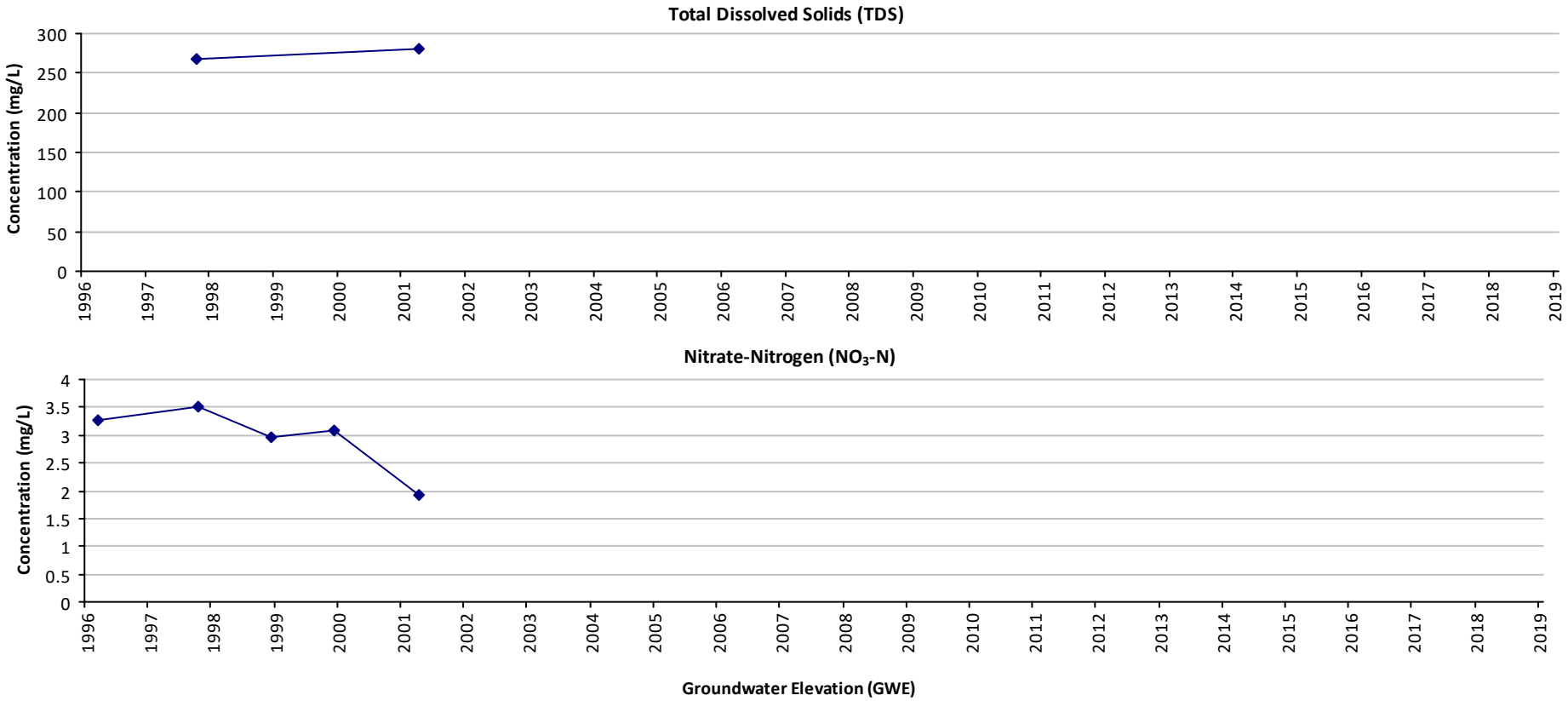

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

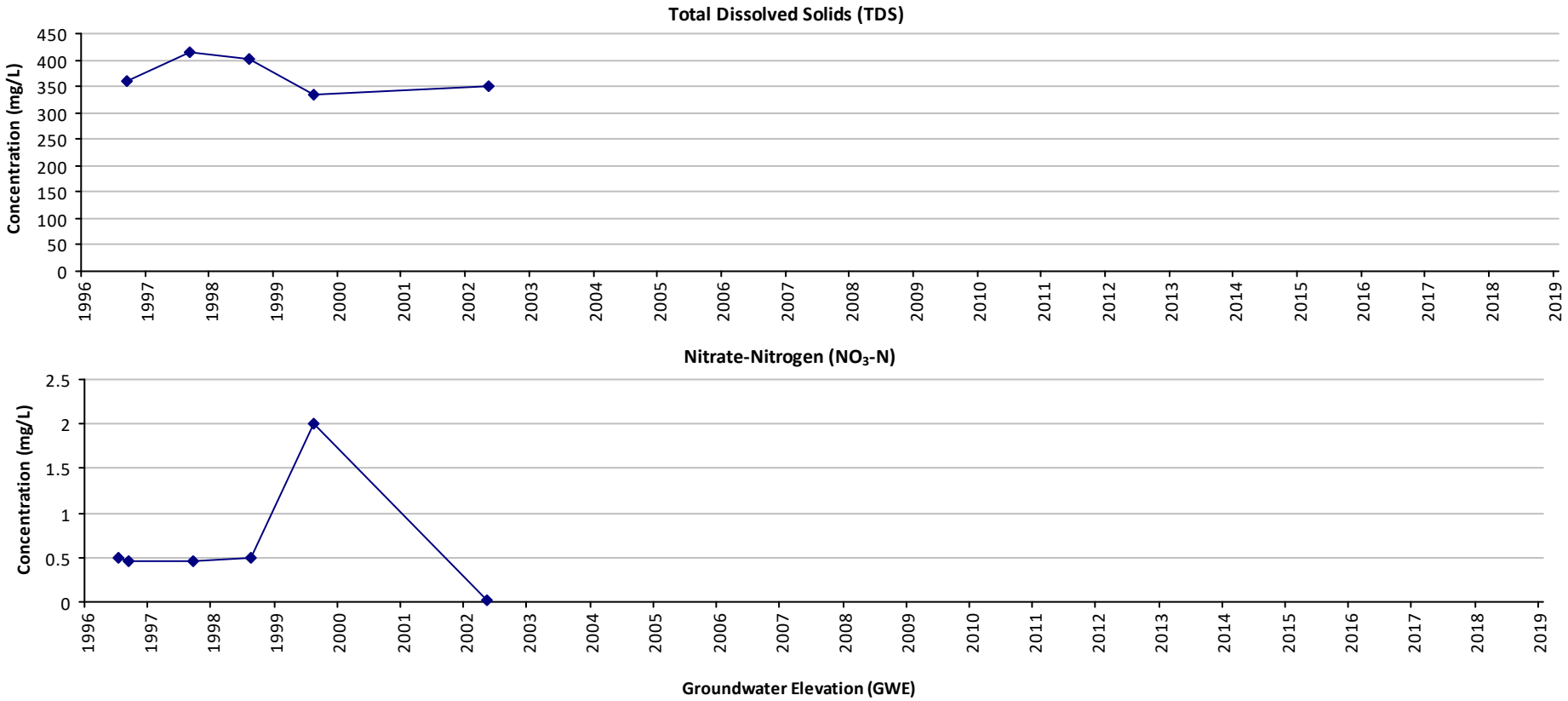

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

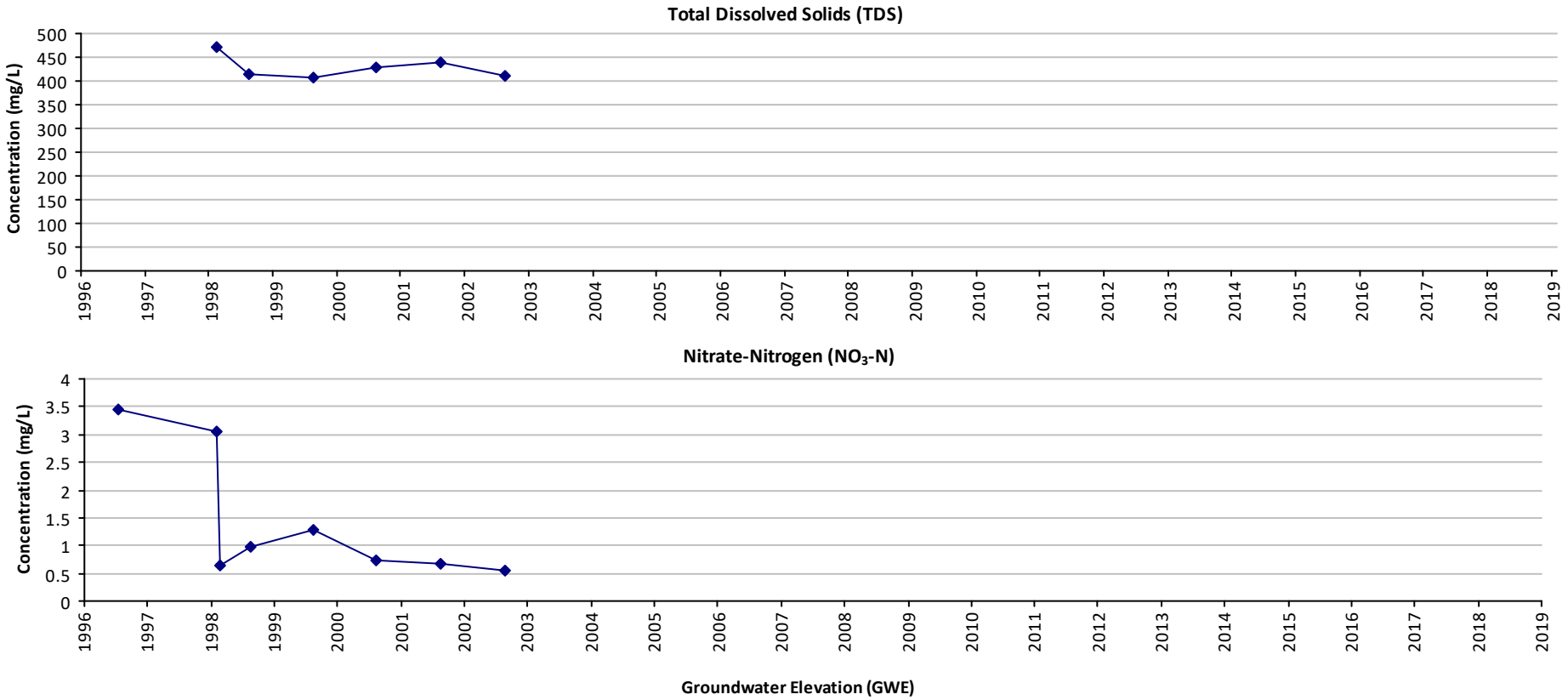

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

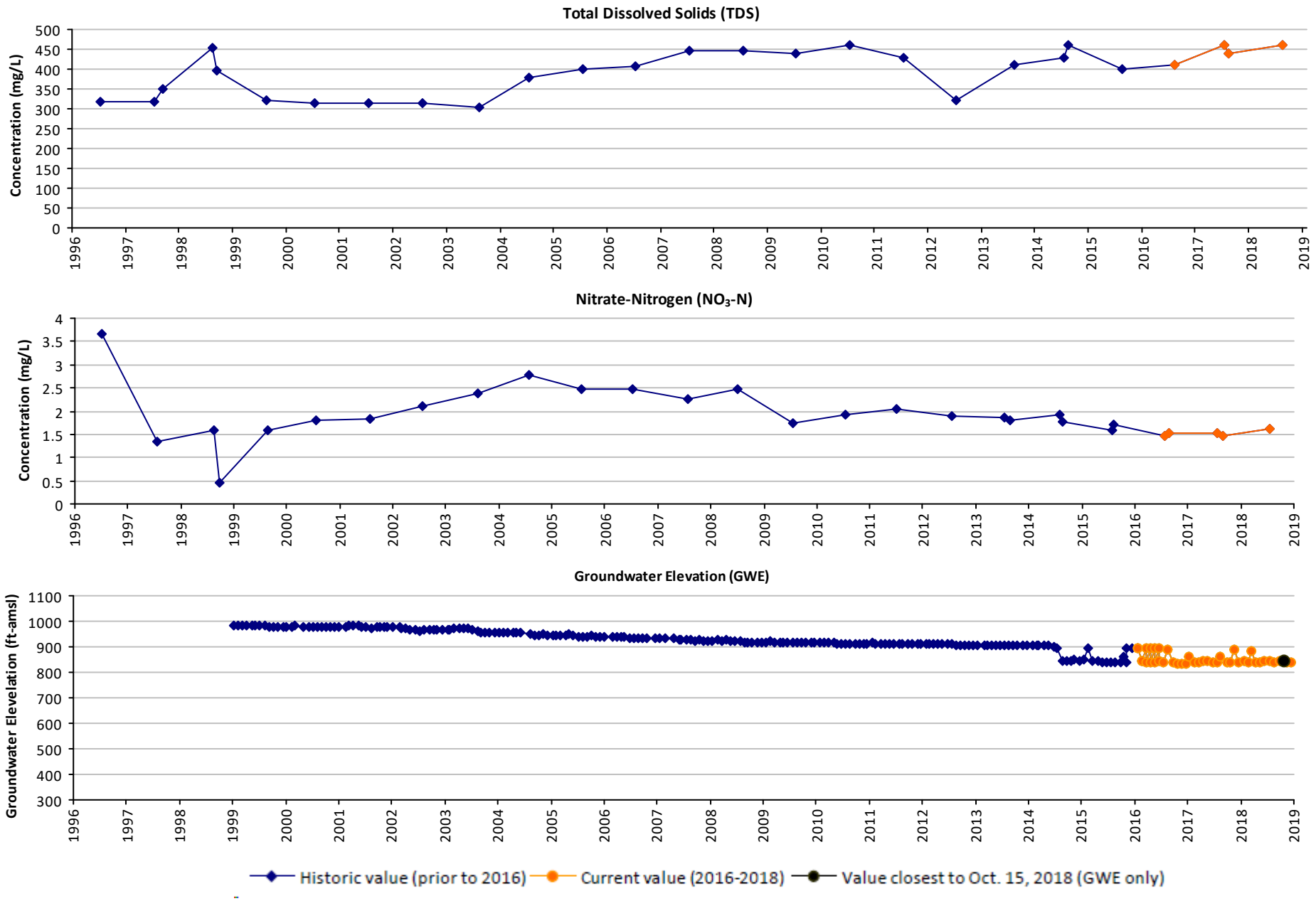

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

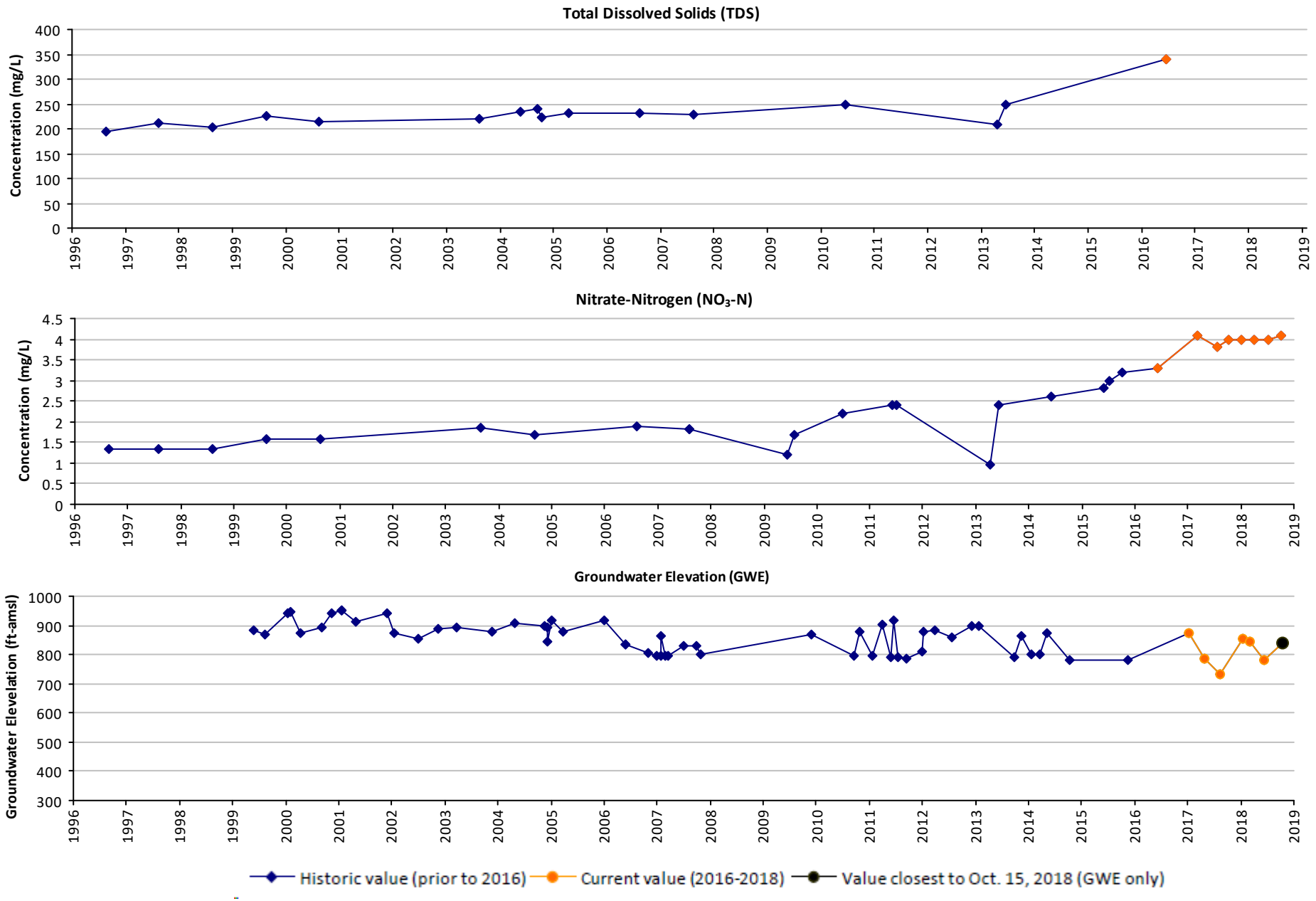

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

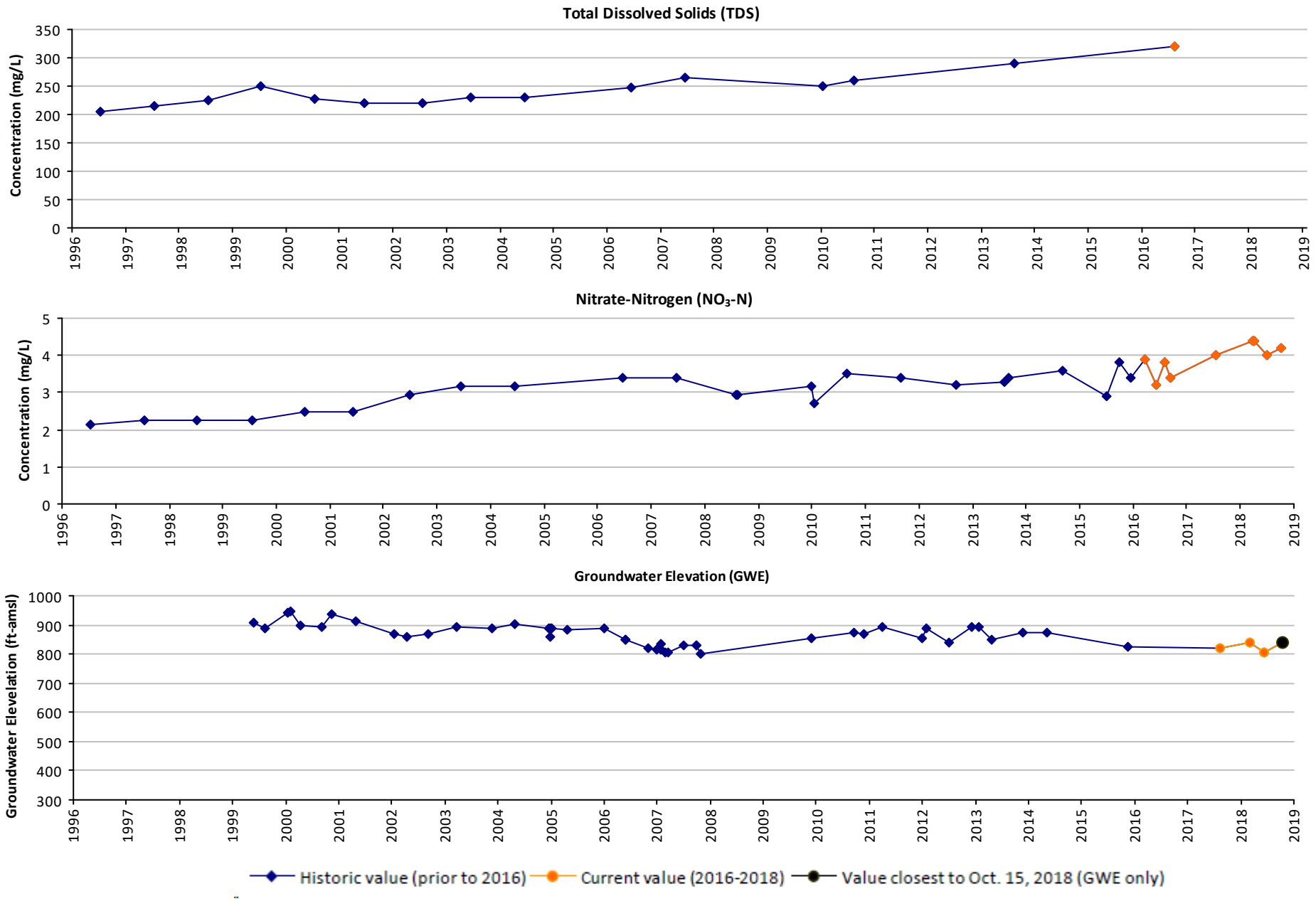
Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

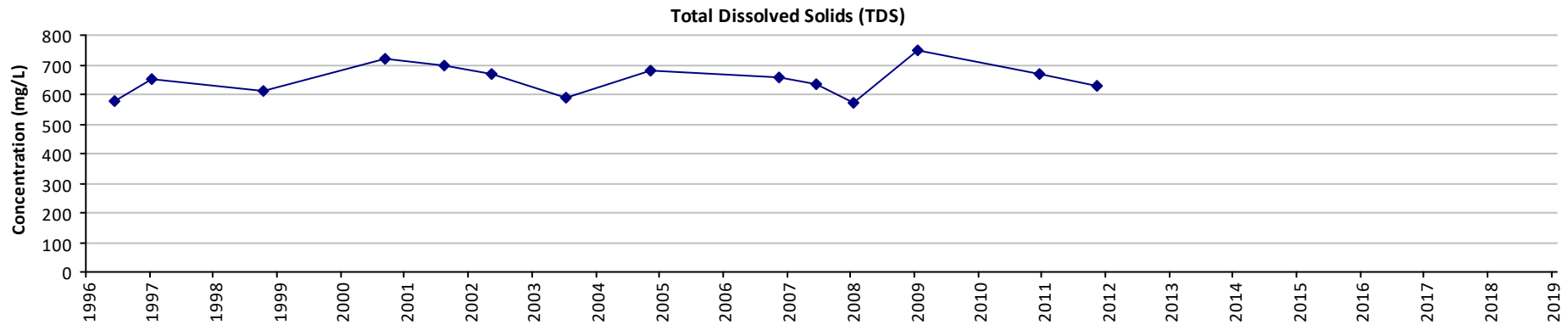

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

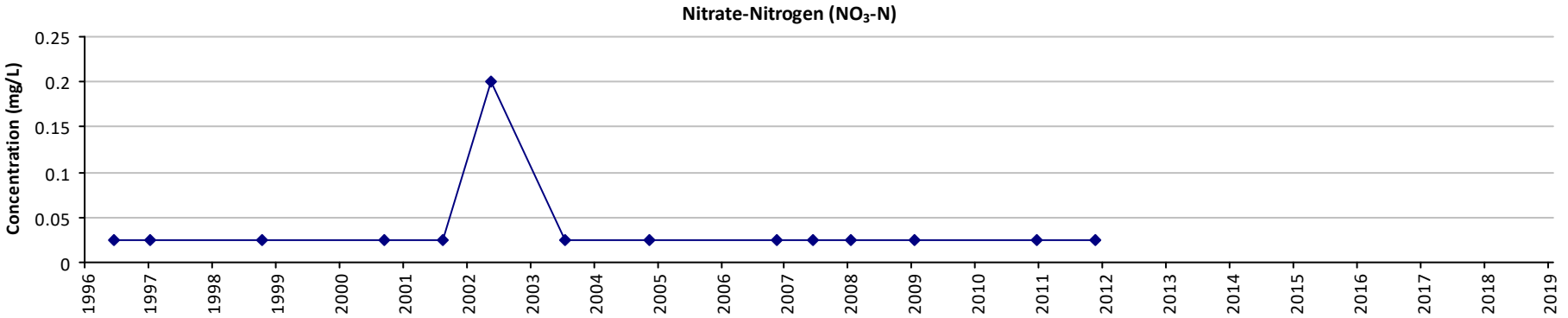

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

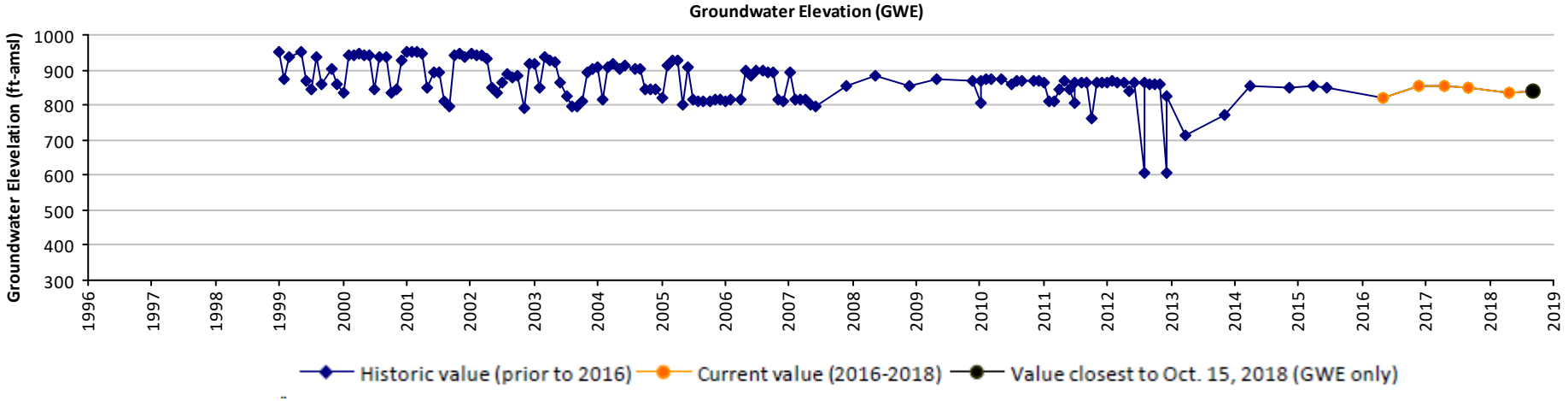

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

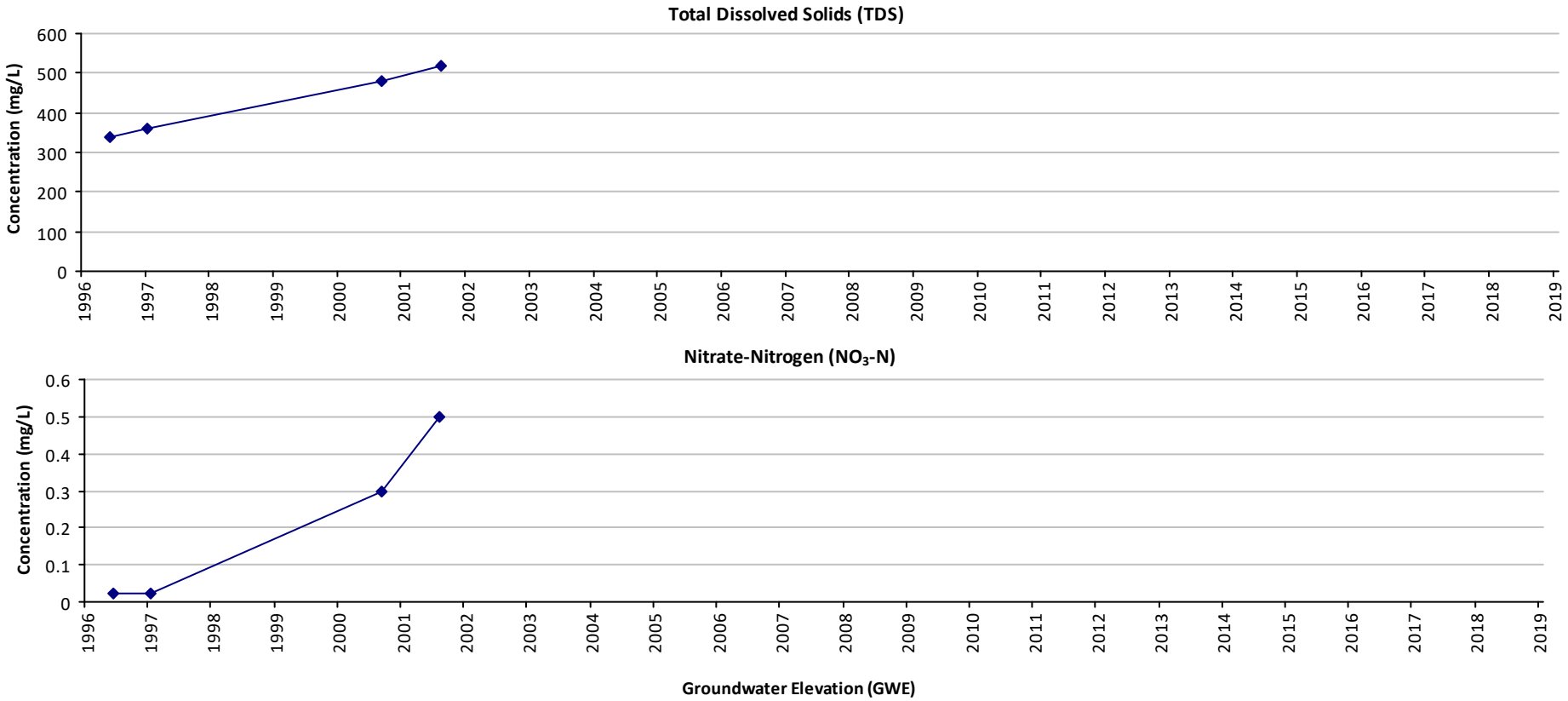

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

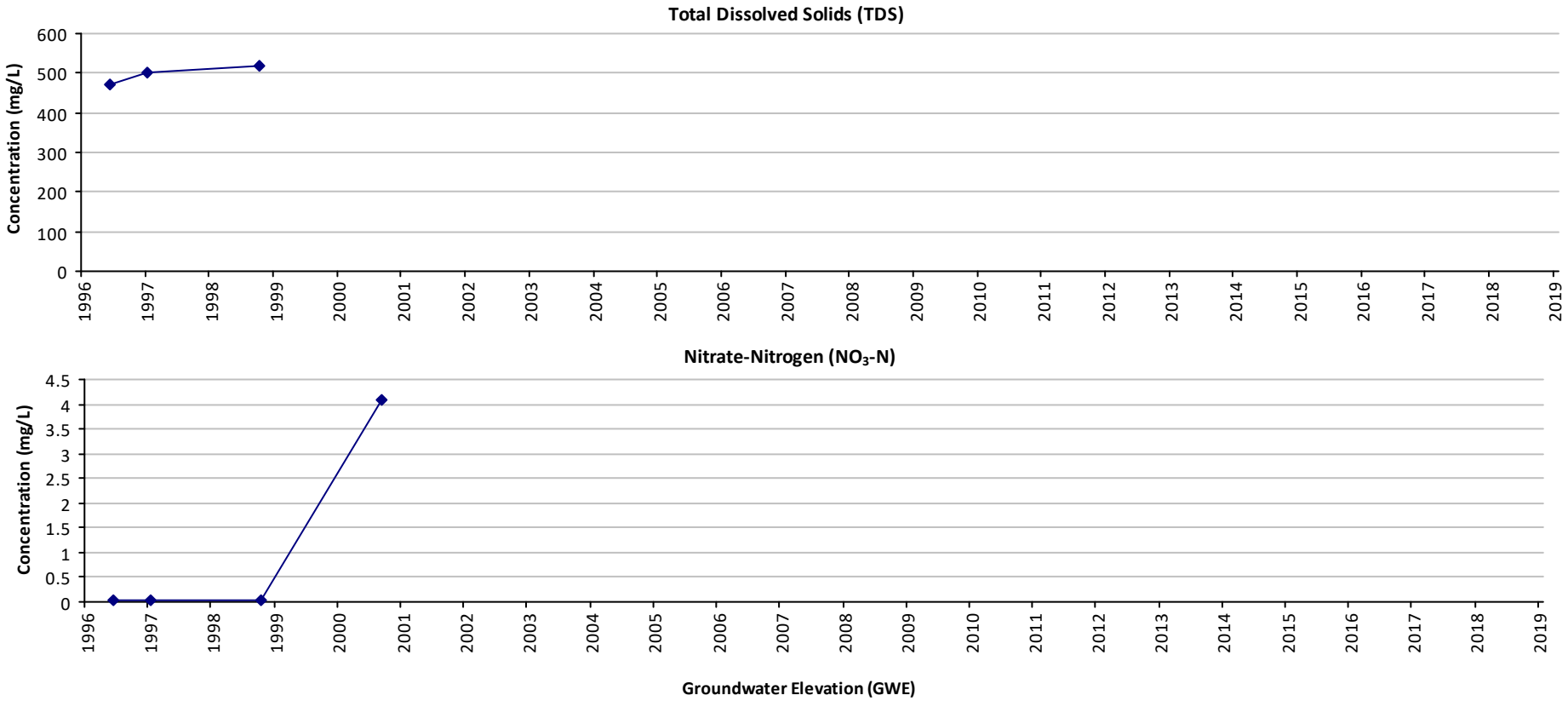

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

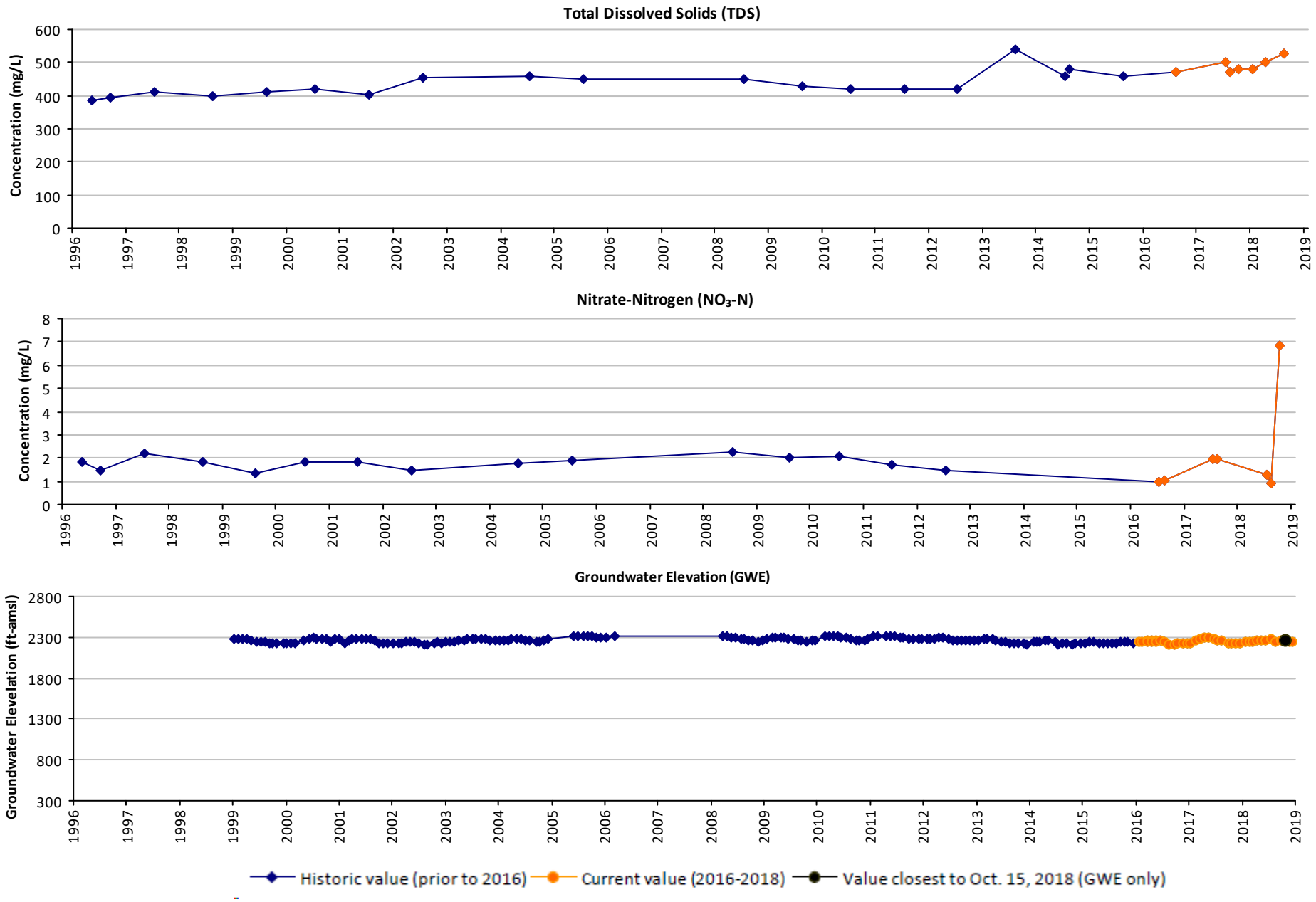

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

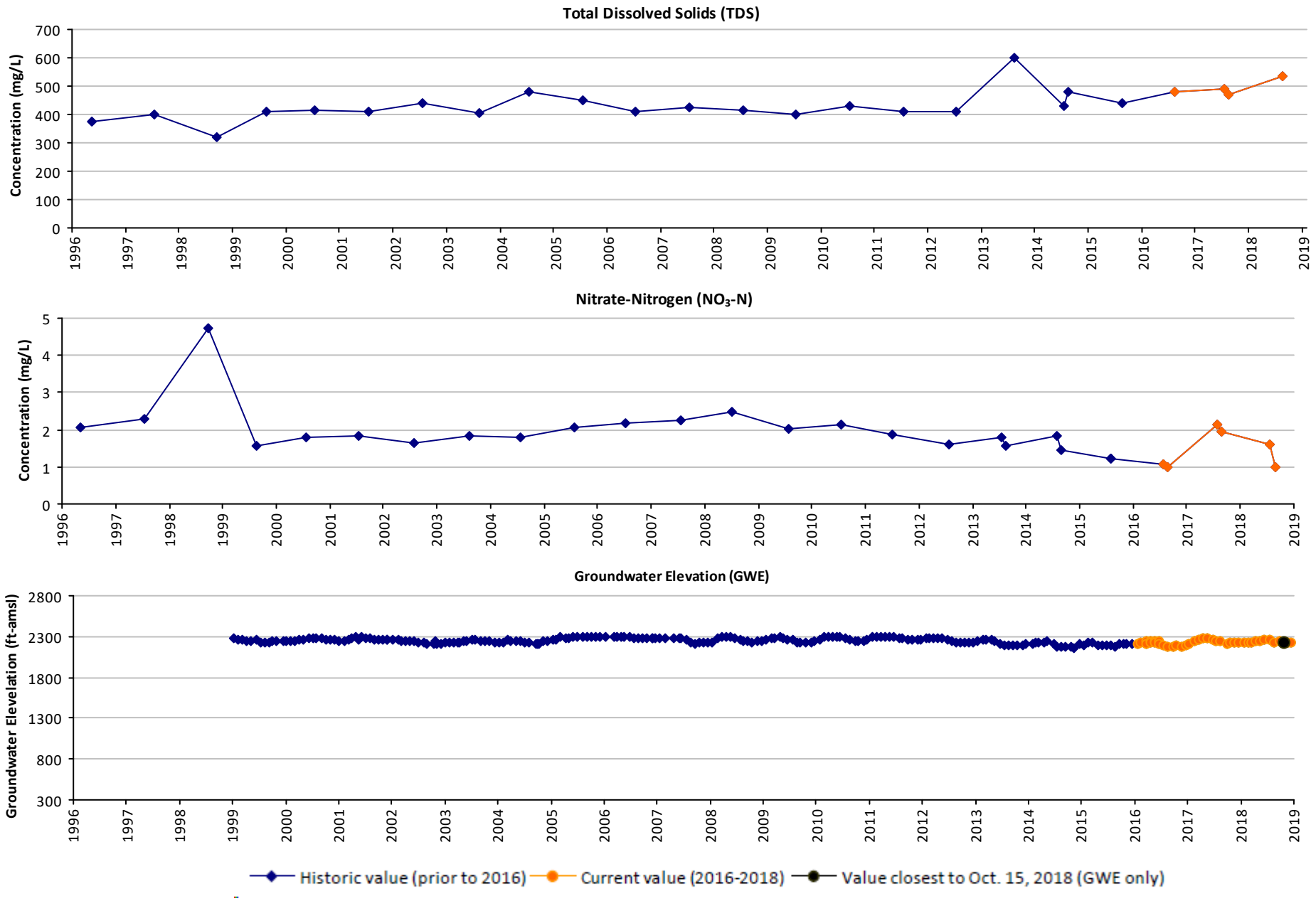

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

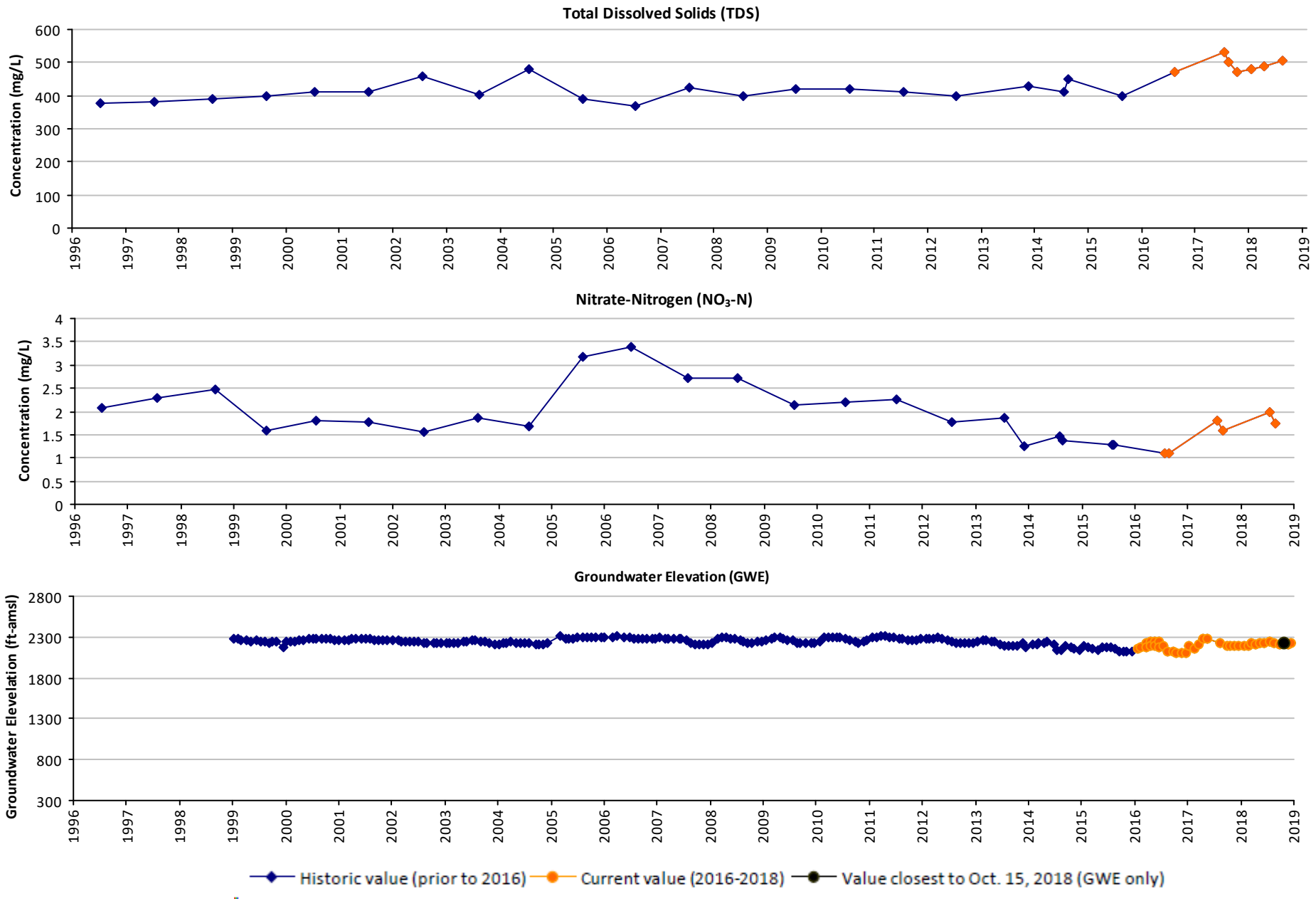

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

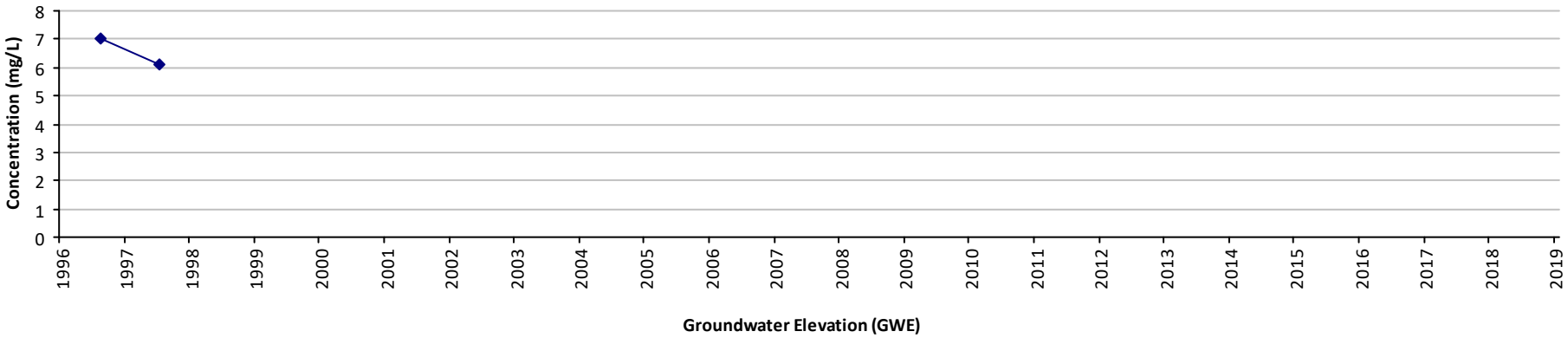

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
800
1300
1800
2300
2800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
800
1300
1800
2300
2800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

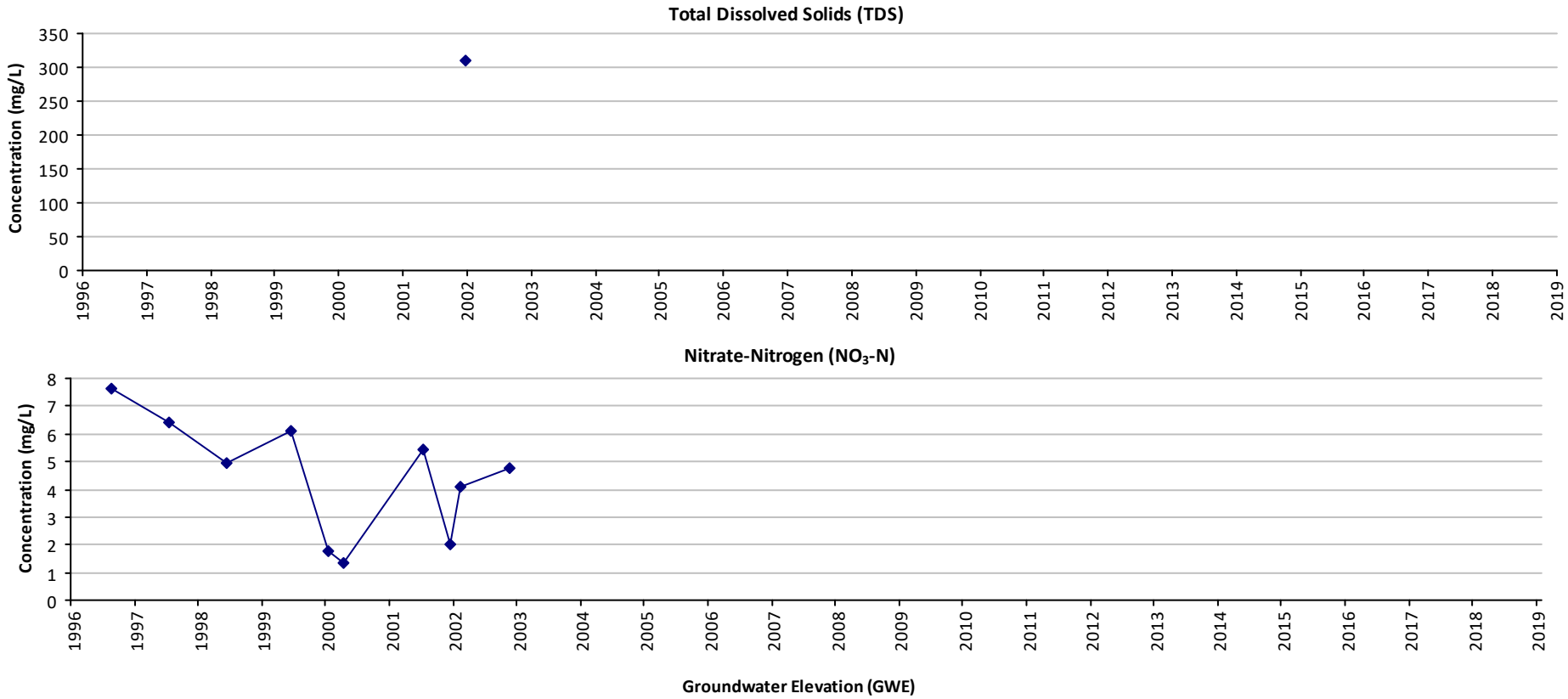

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
800
1300
1800
2300
2800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

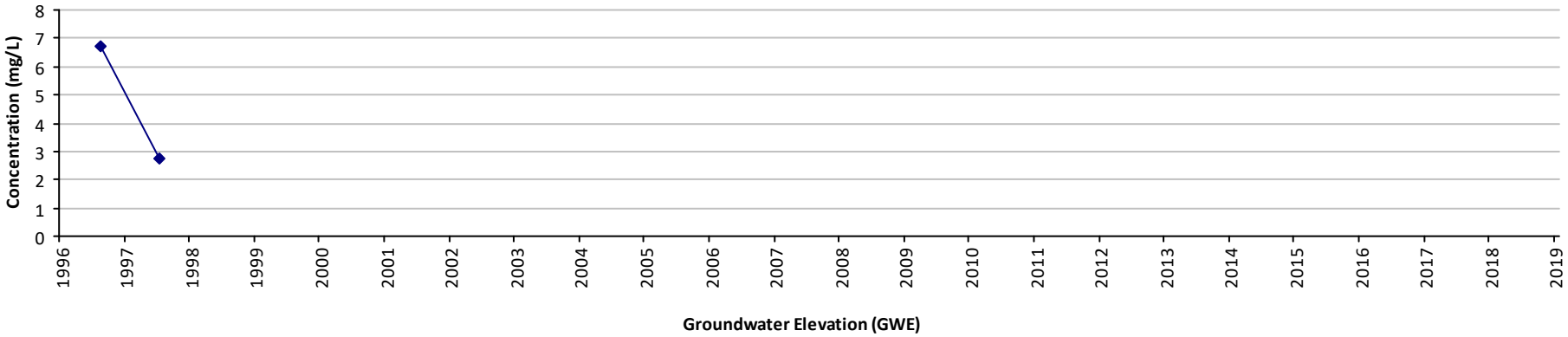


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

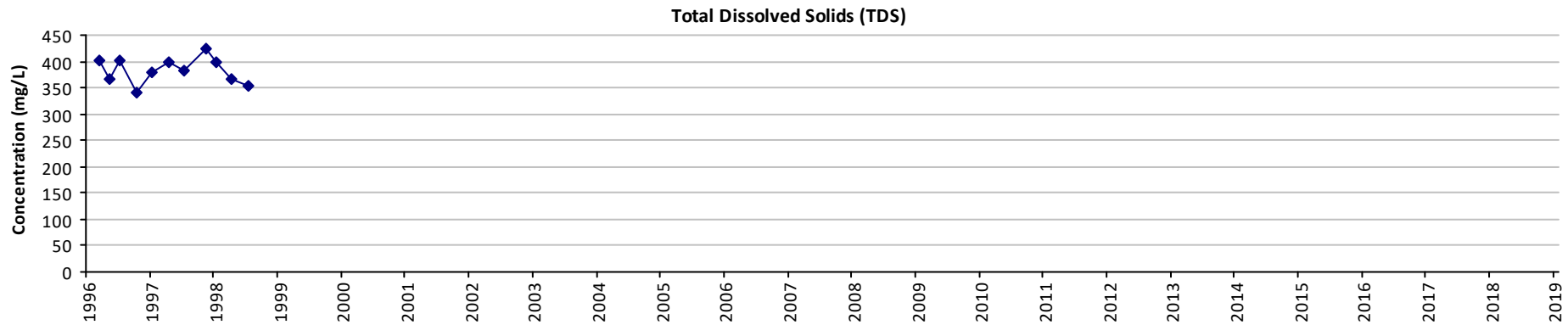

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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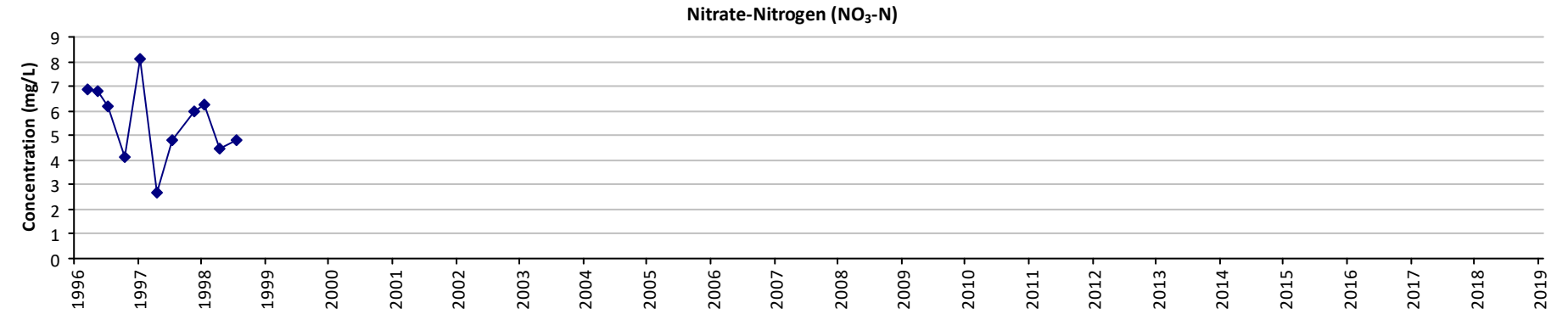
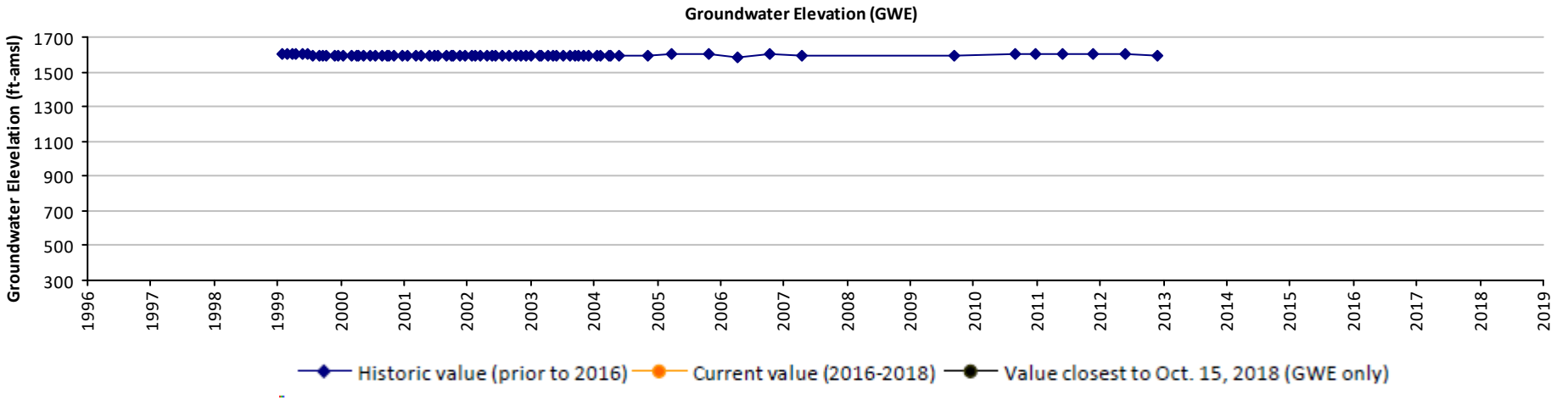
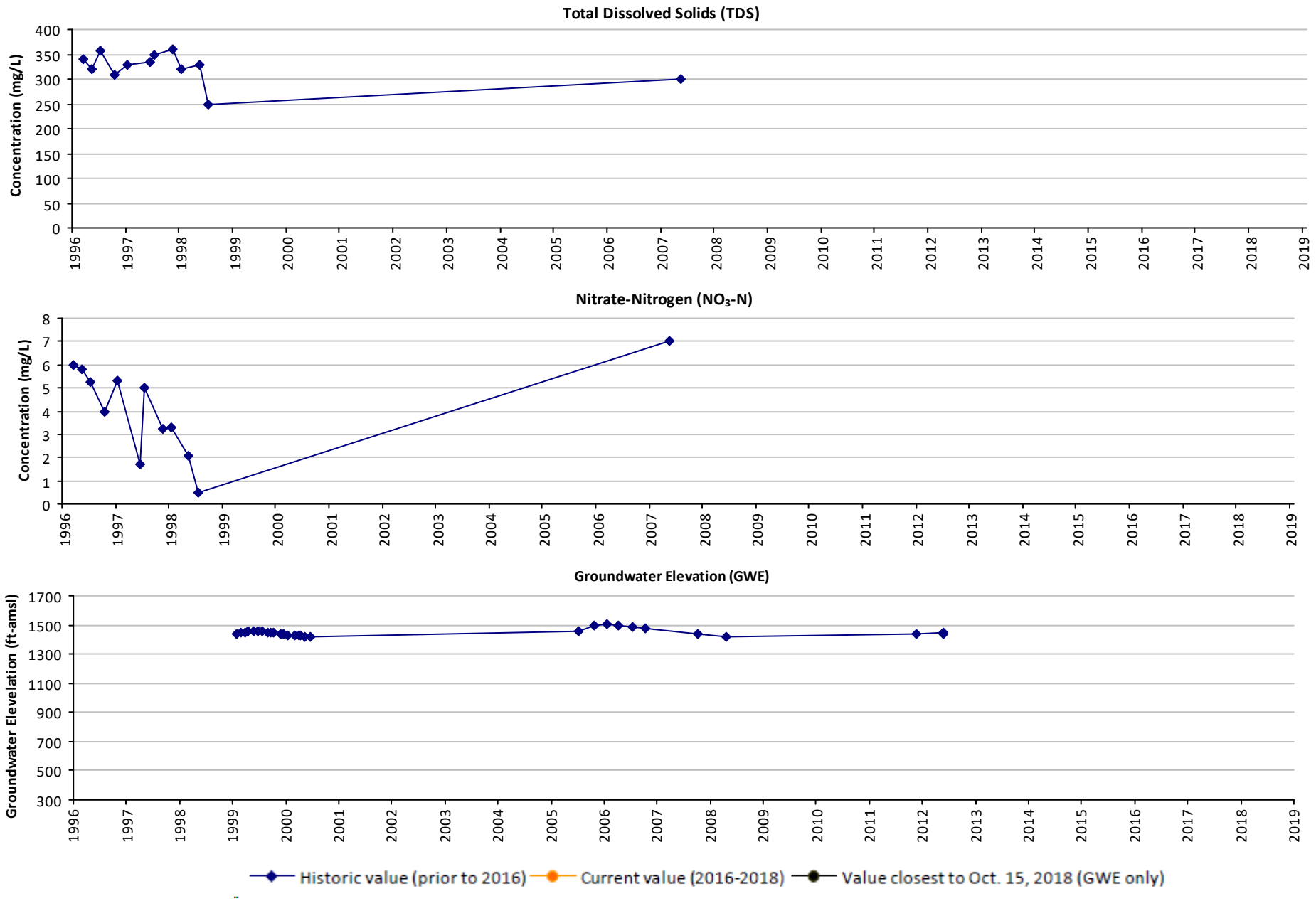
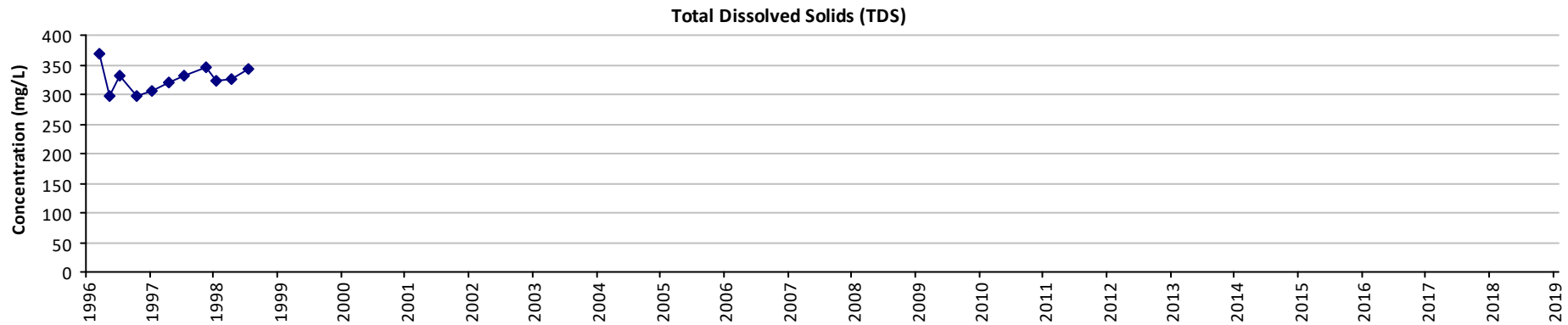
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
500
700
900
1100
1300
1500
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2008
2009
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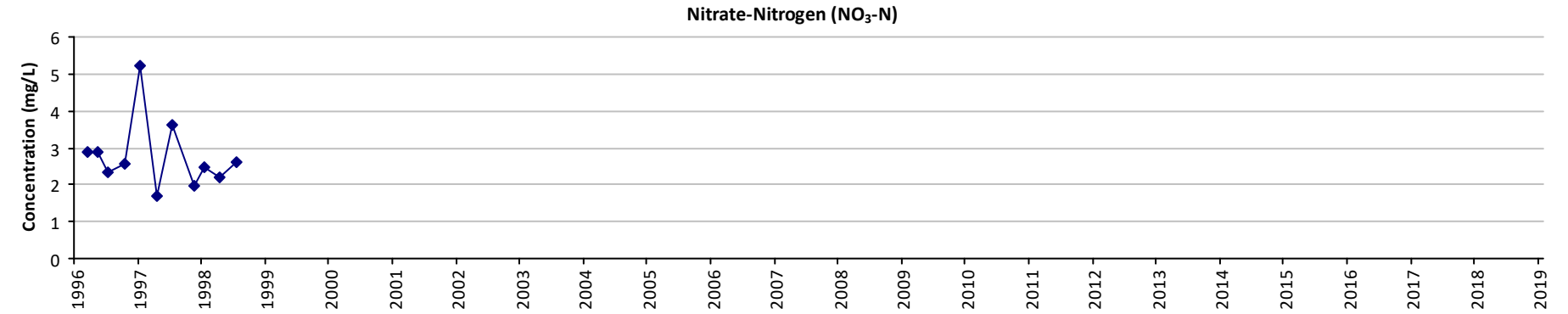
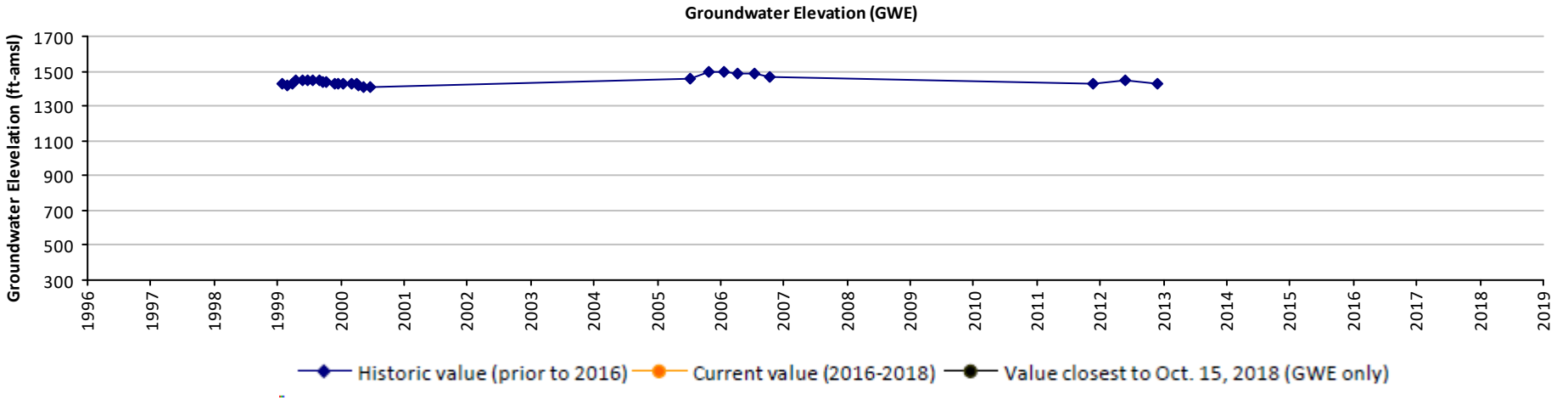
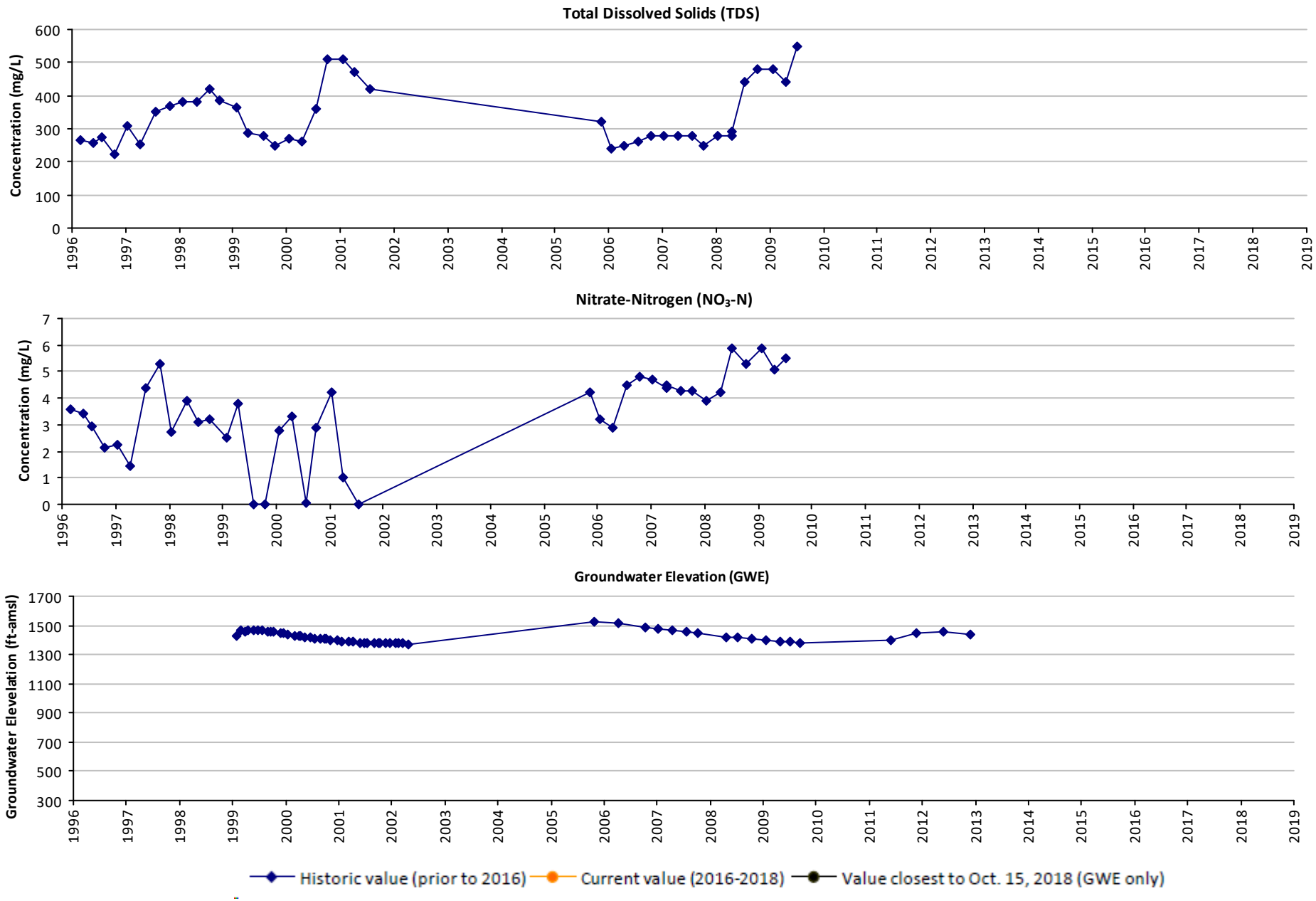
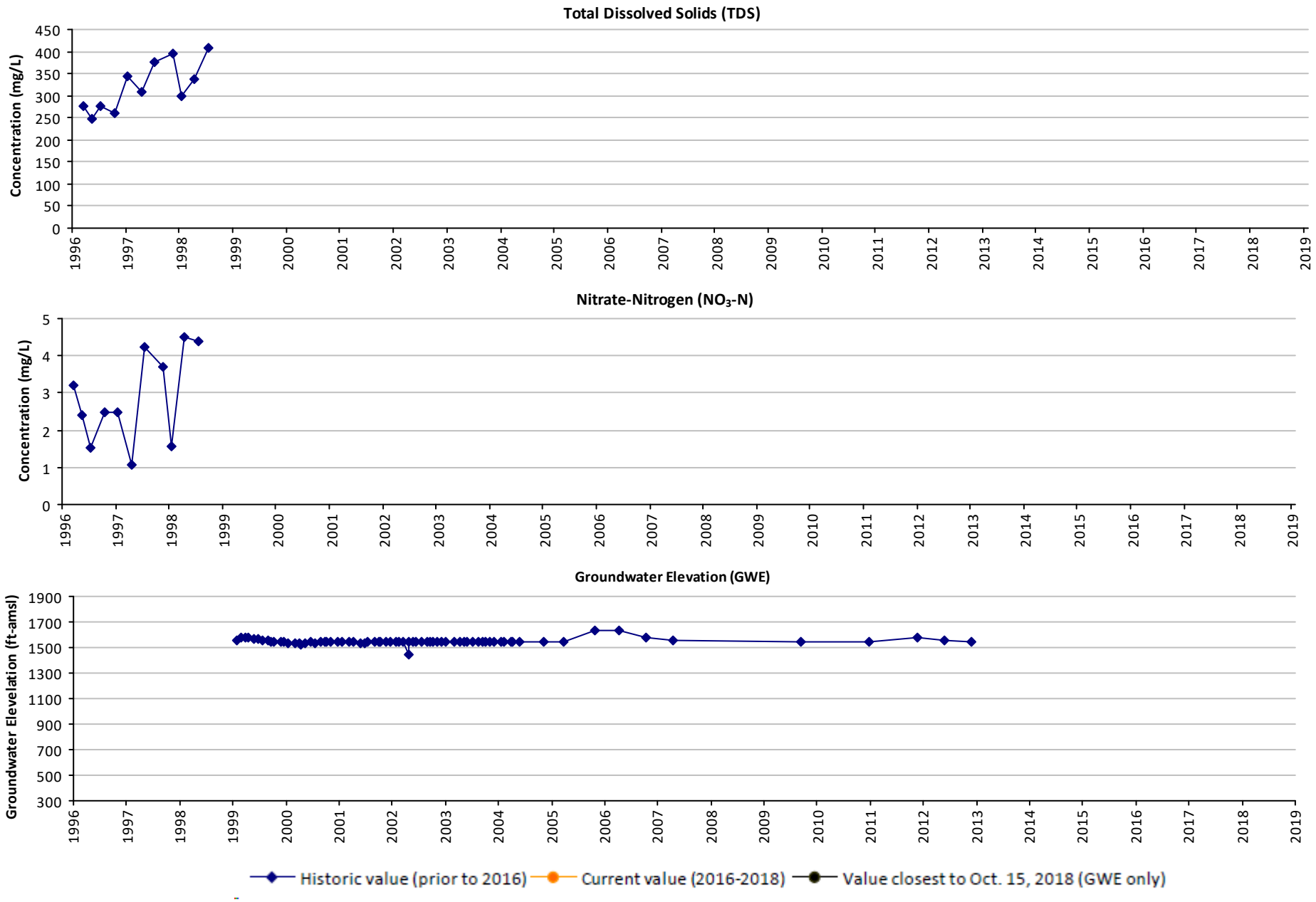
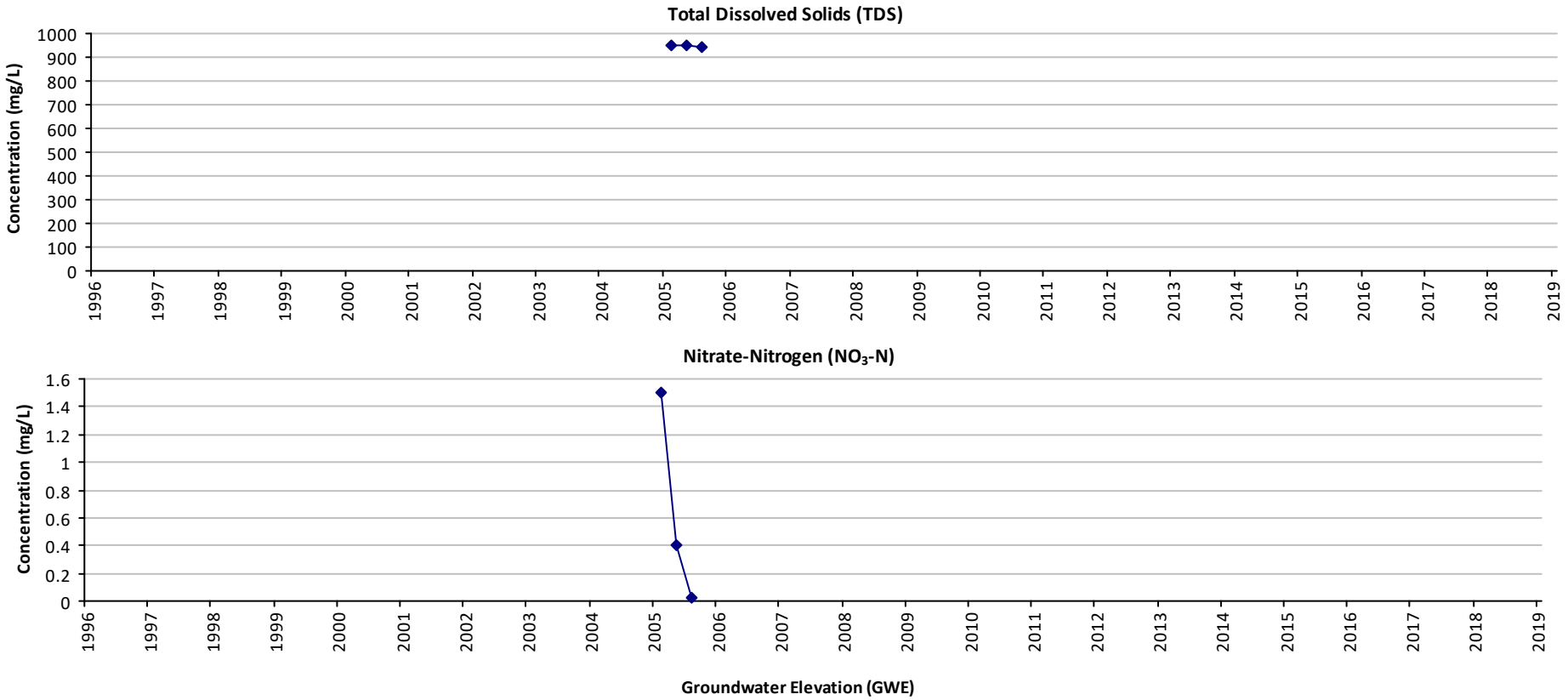
2013
2014
2015
2016
2017
2018
2019

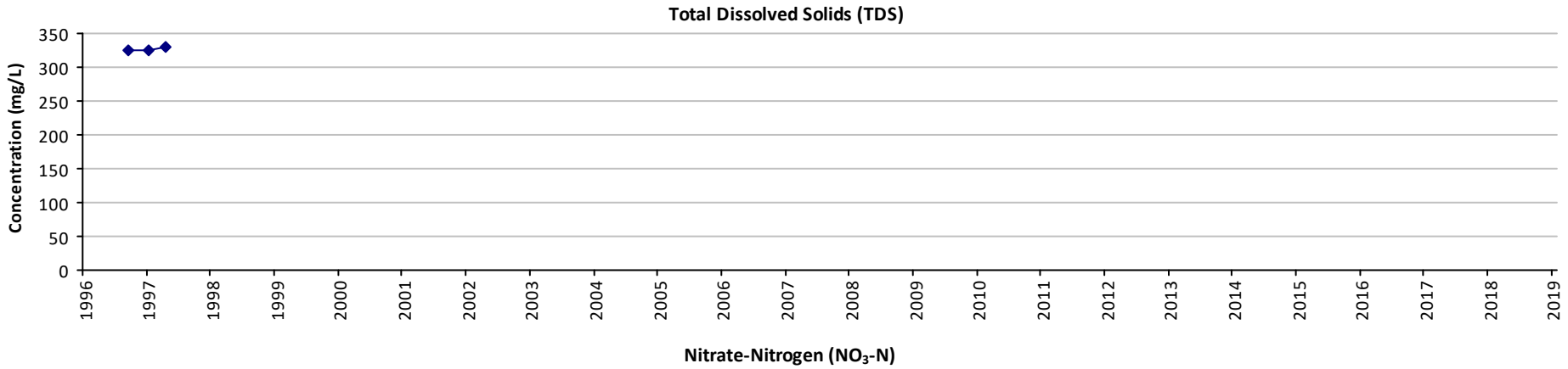

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

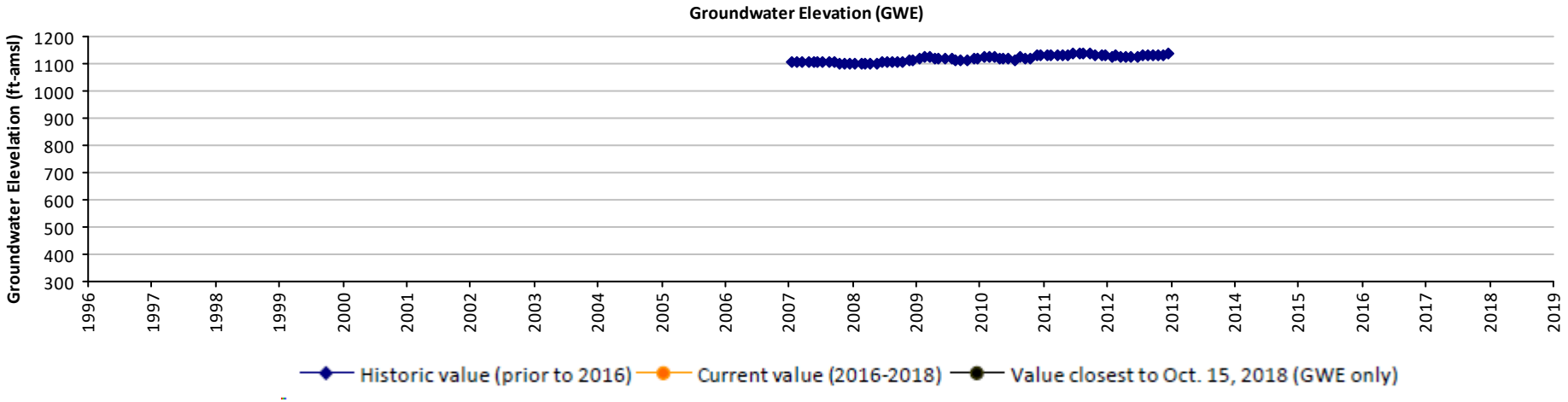

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
500
700
900
1100
1300
1500
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

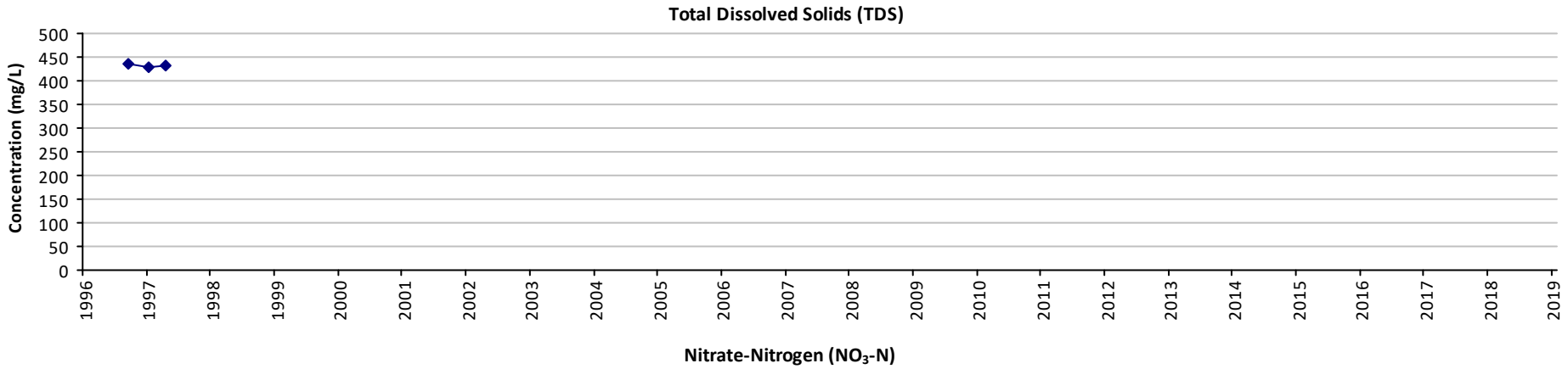

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

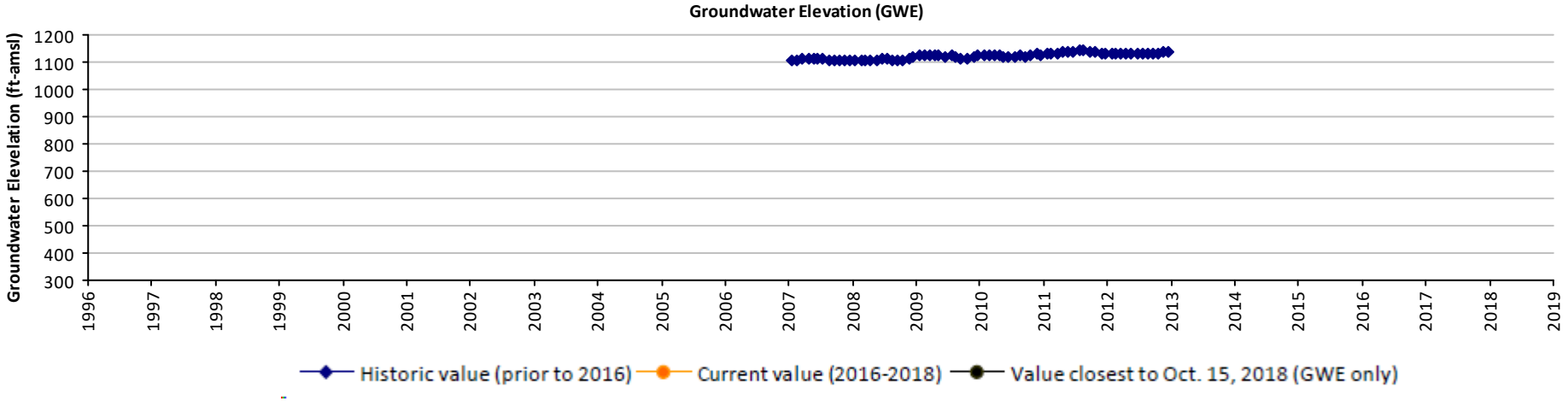

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

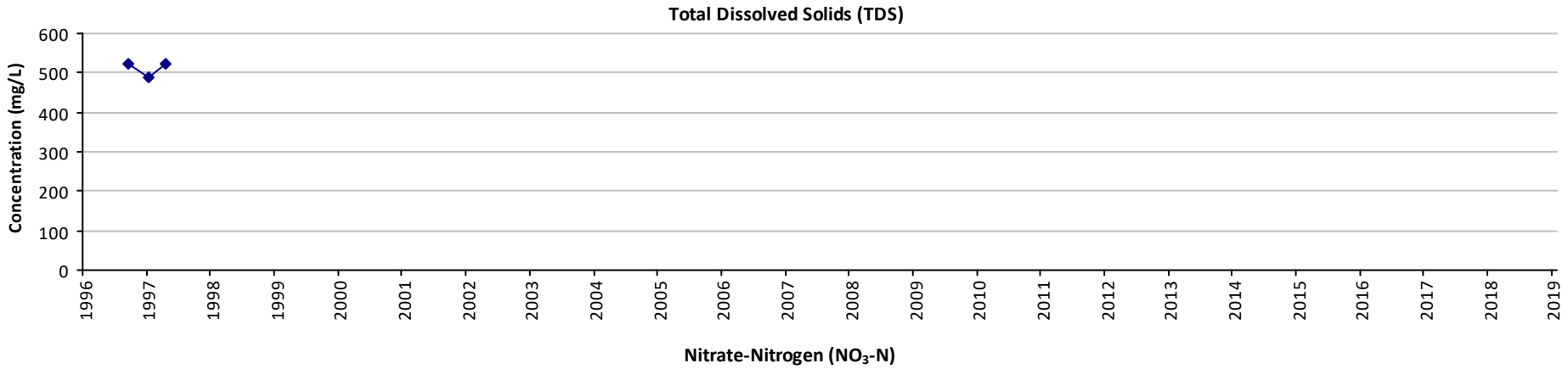

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

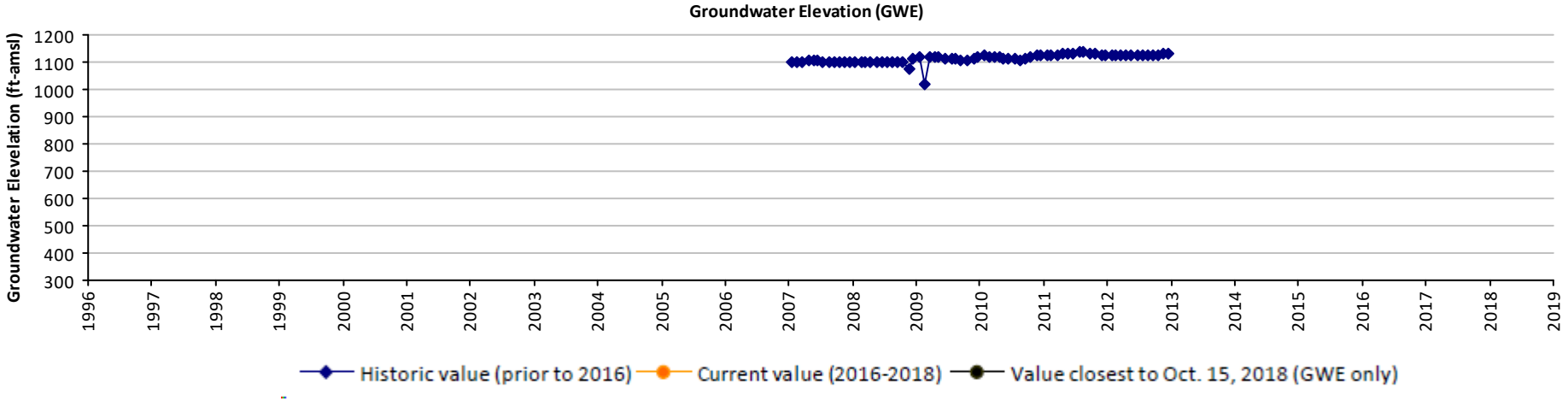

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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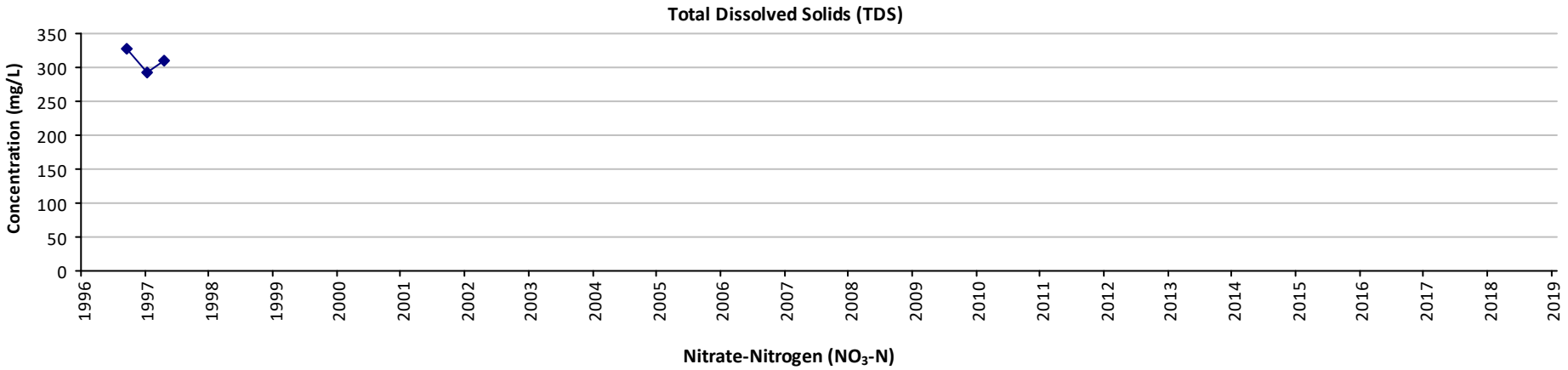
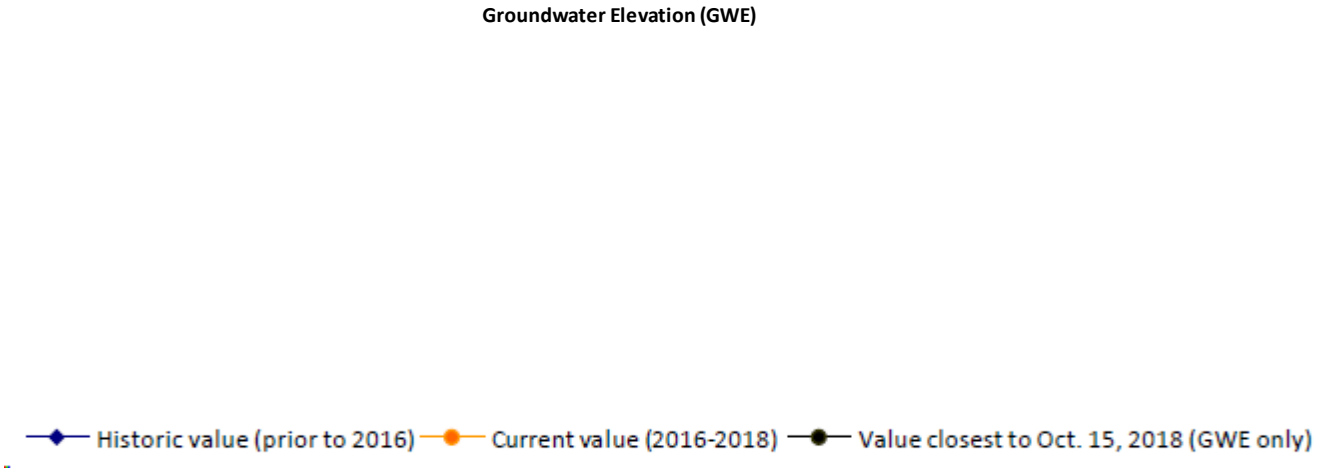
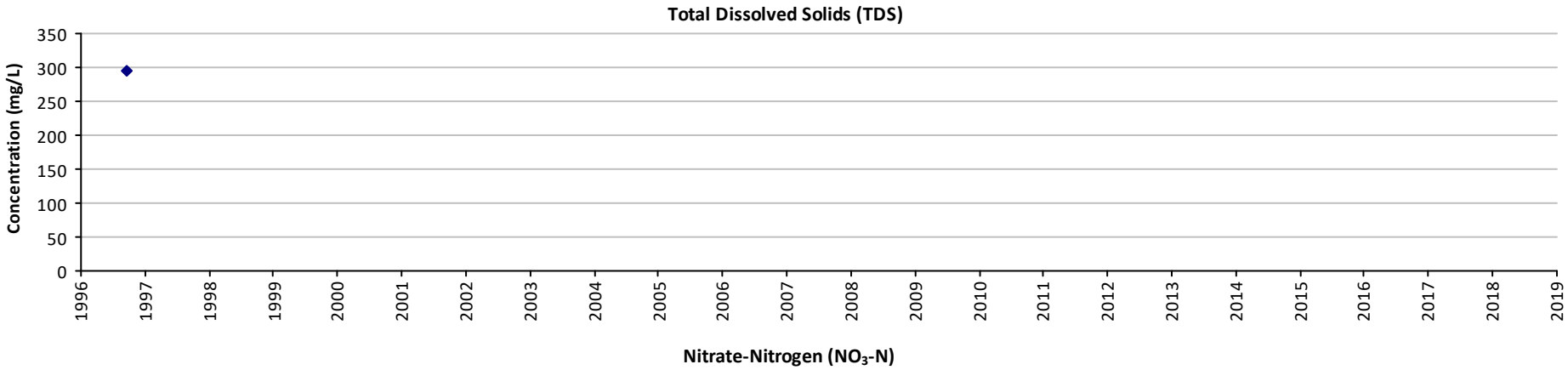
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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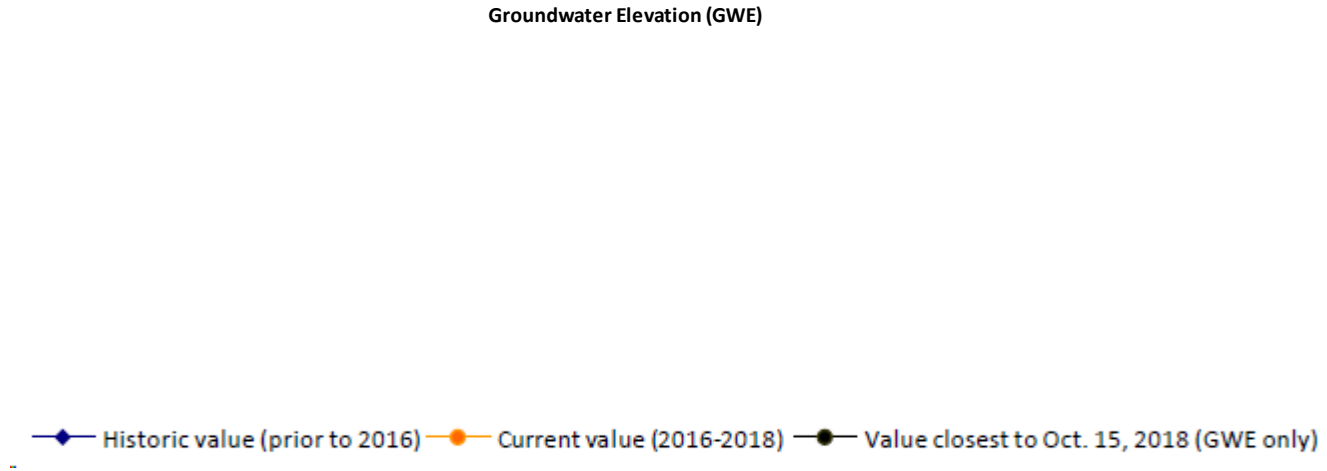
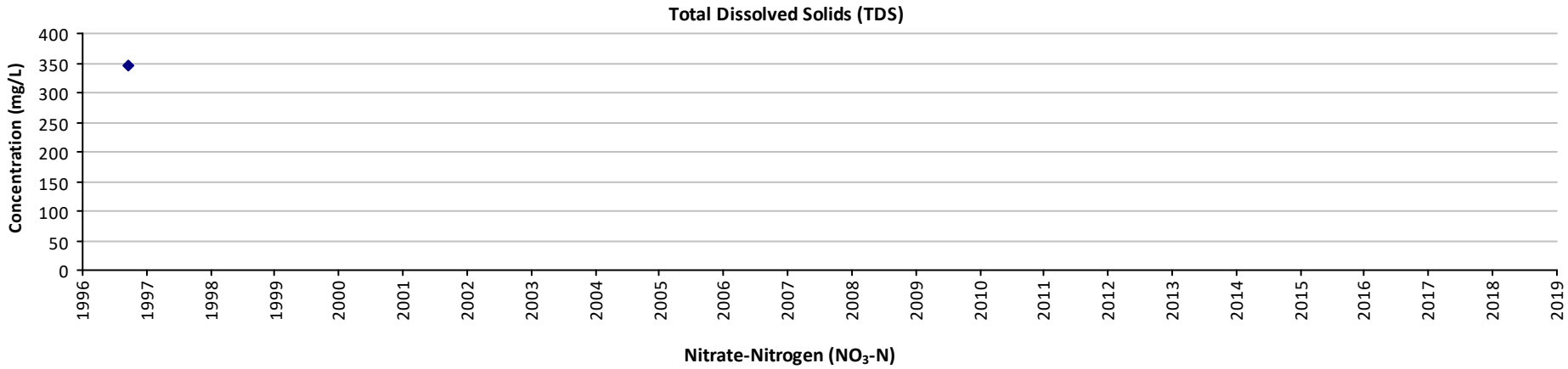
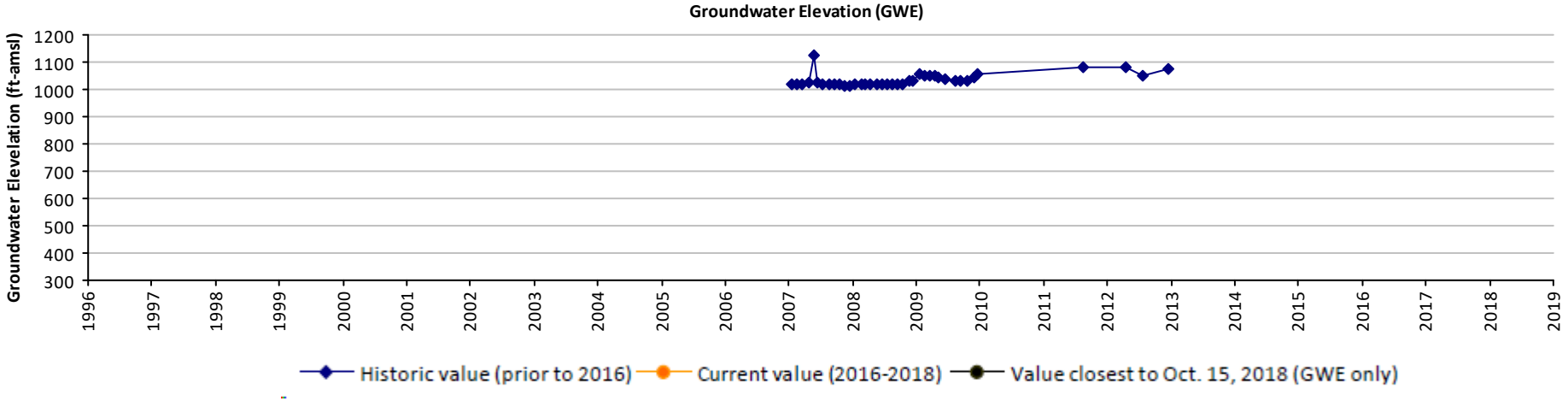
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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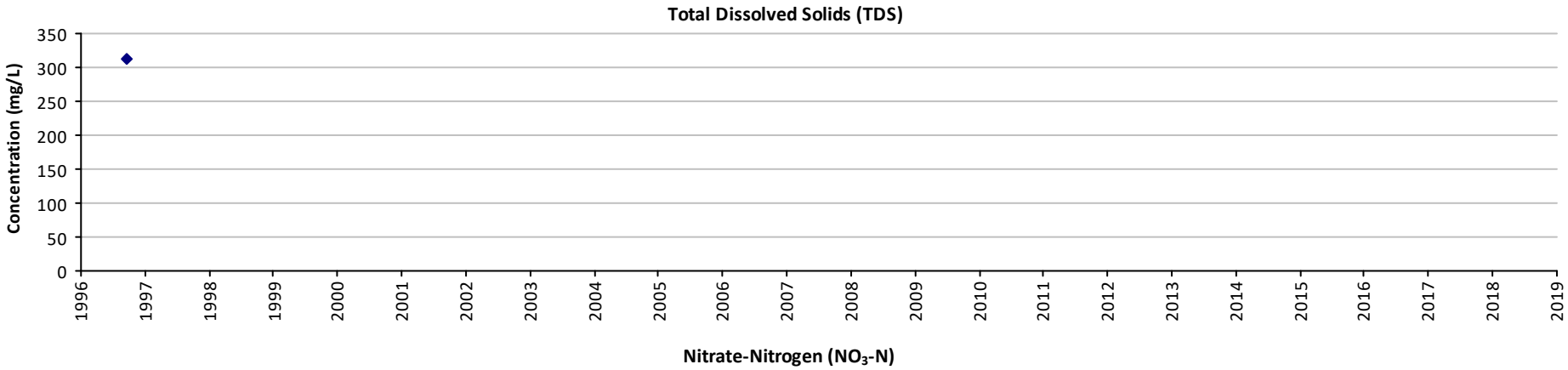
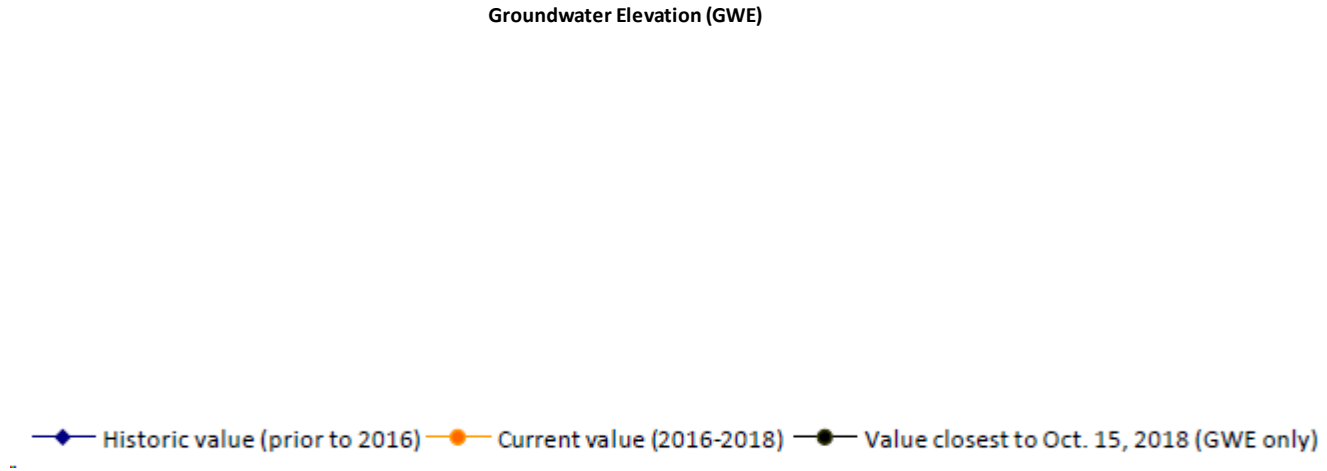
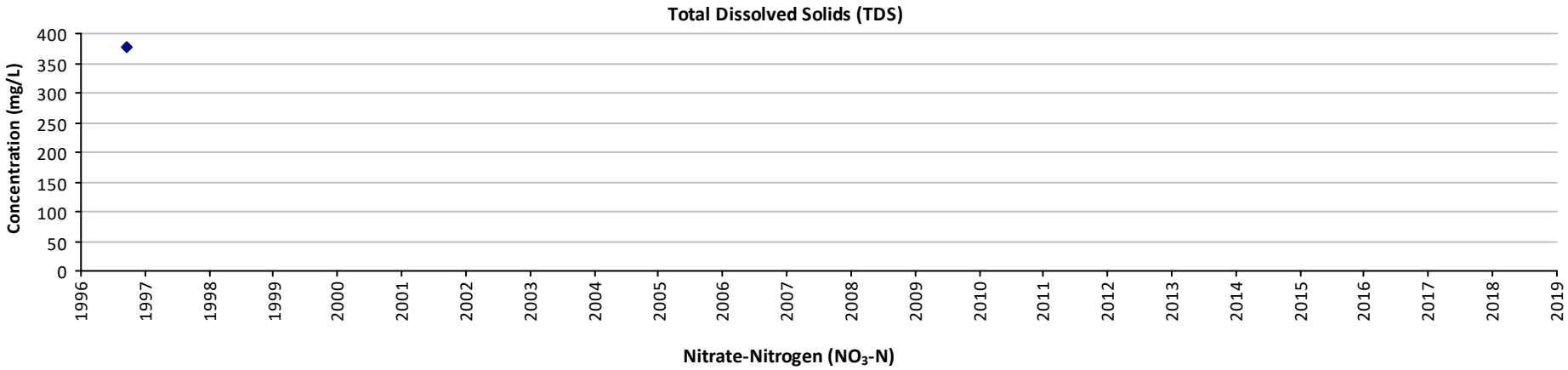
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
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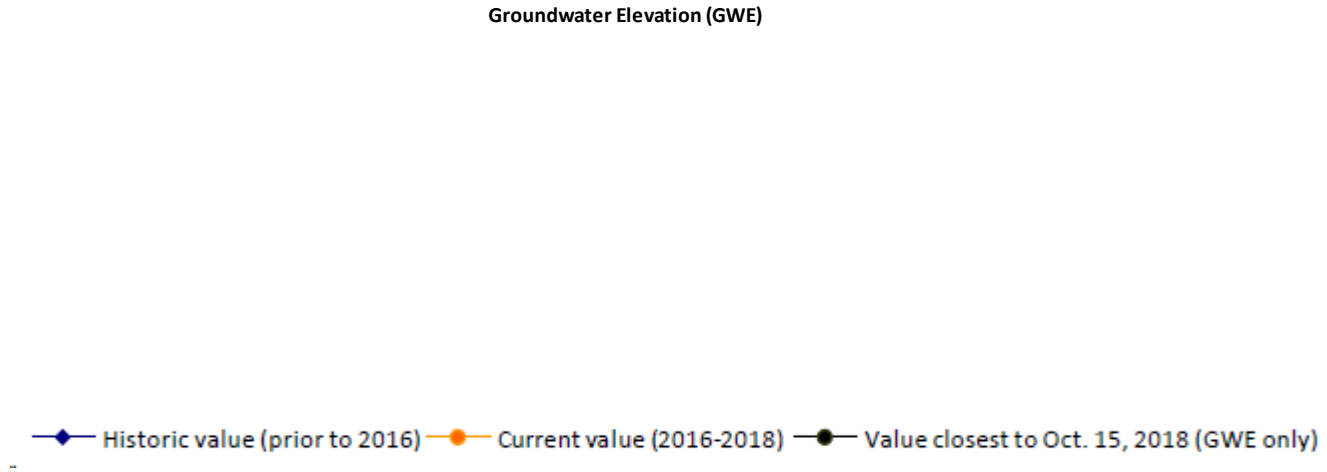
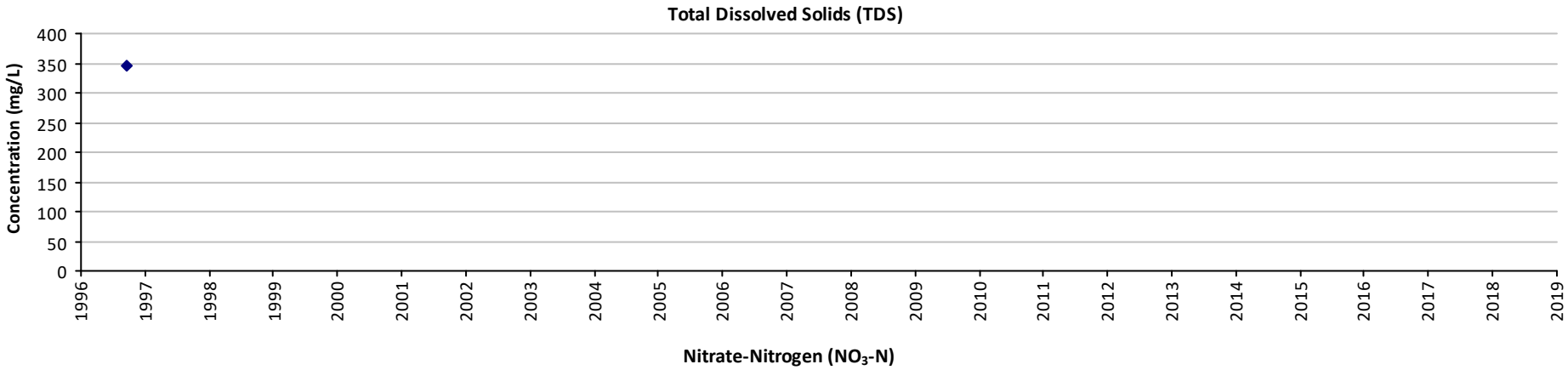
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
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1996
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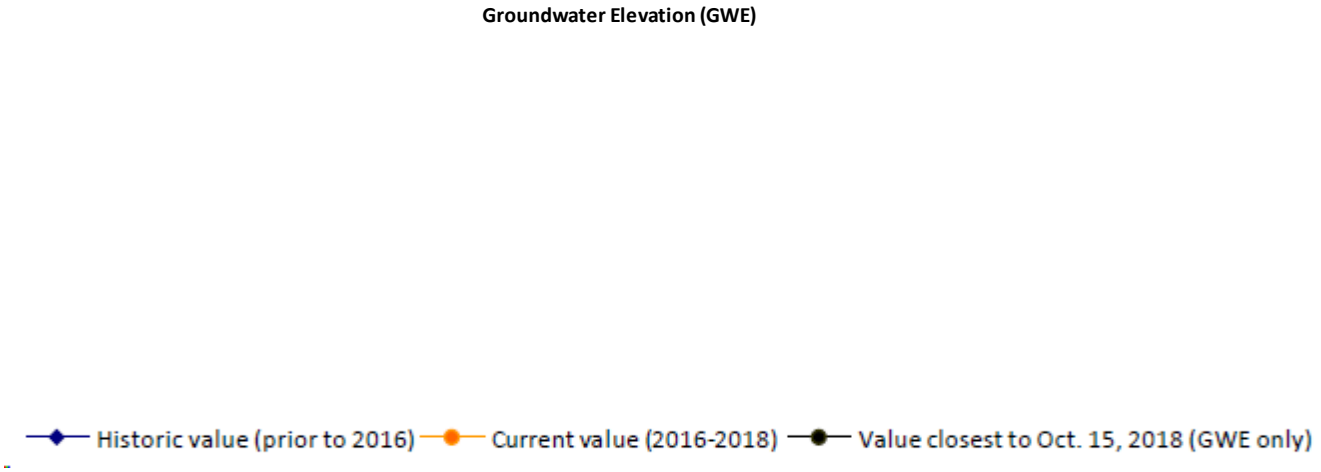
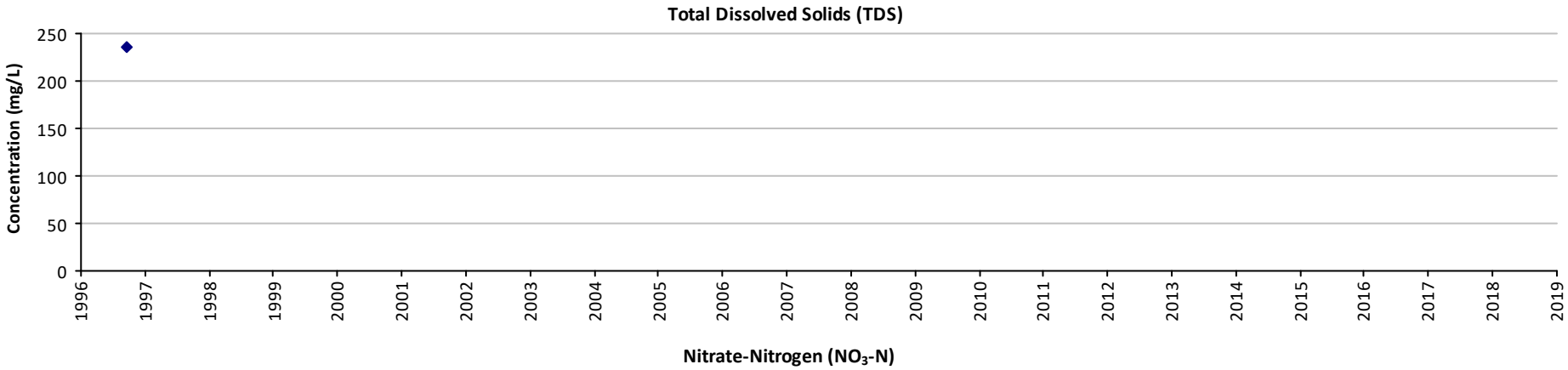
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
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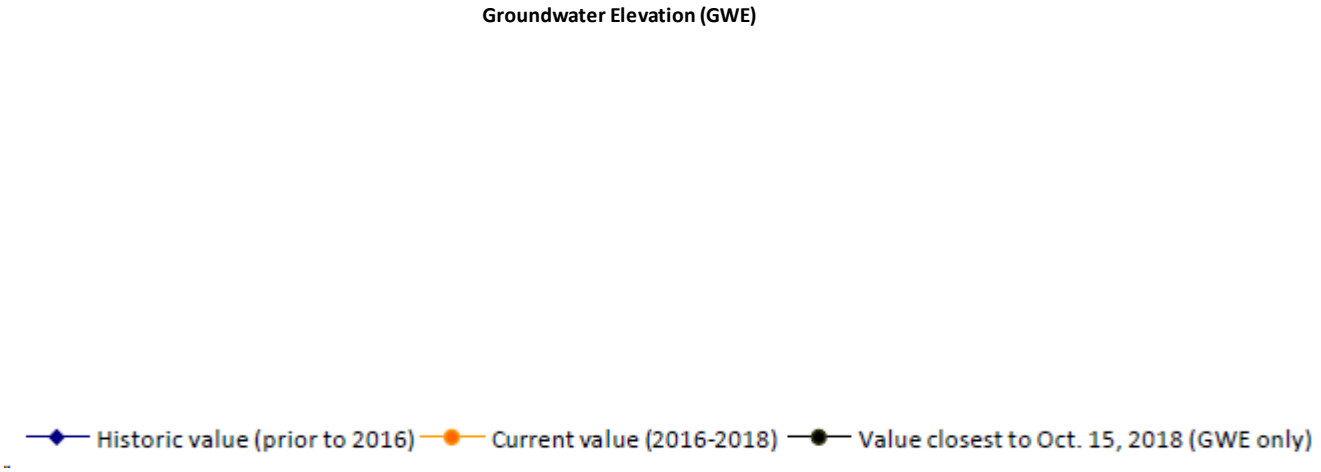
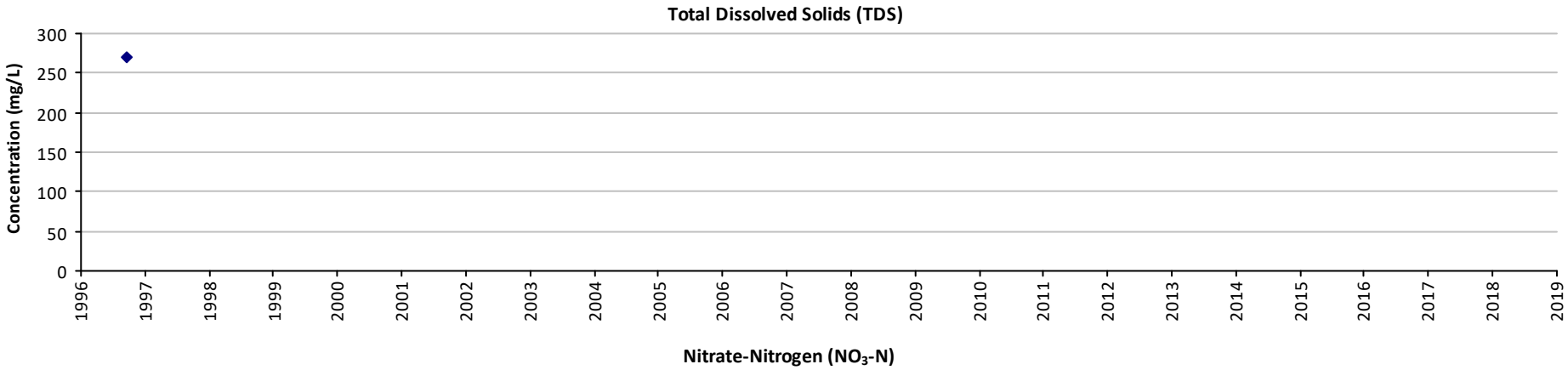
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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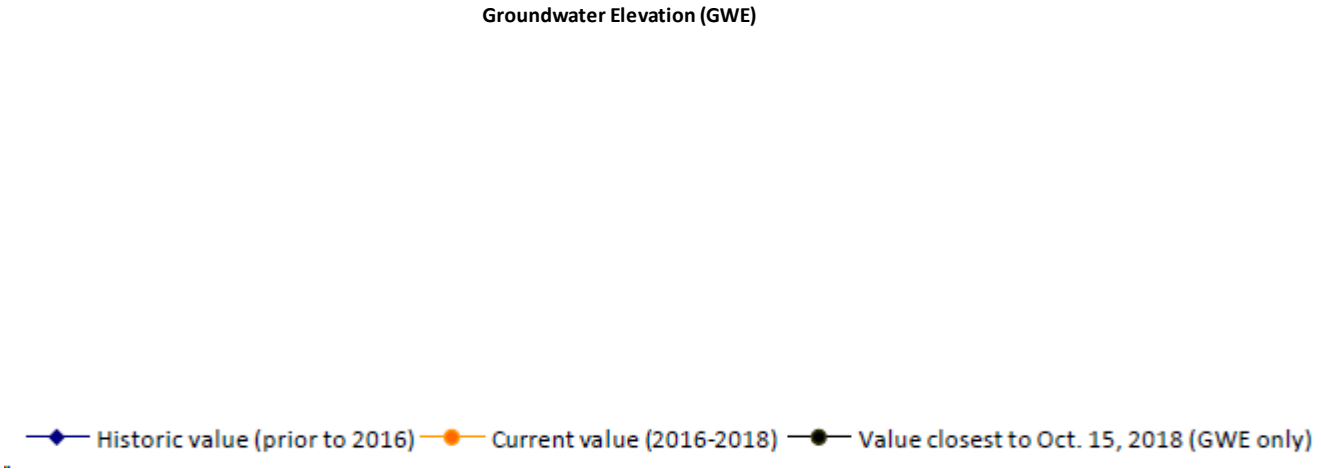
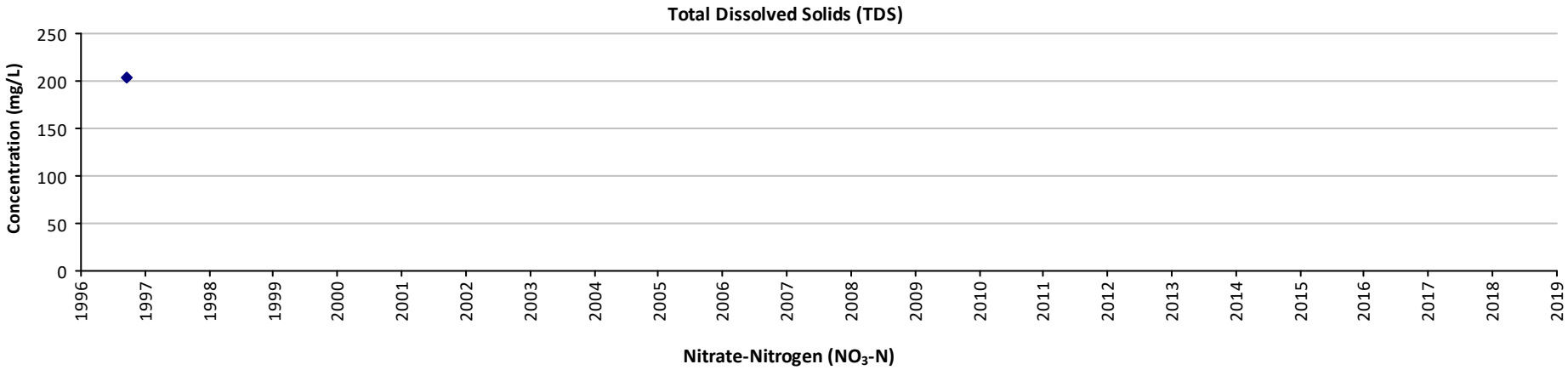
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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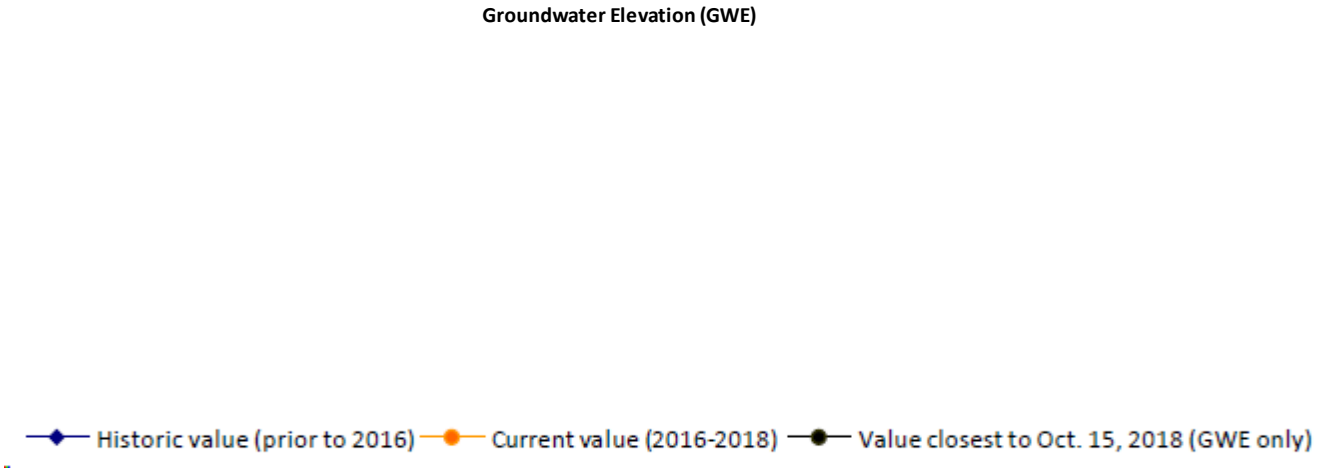
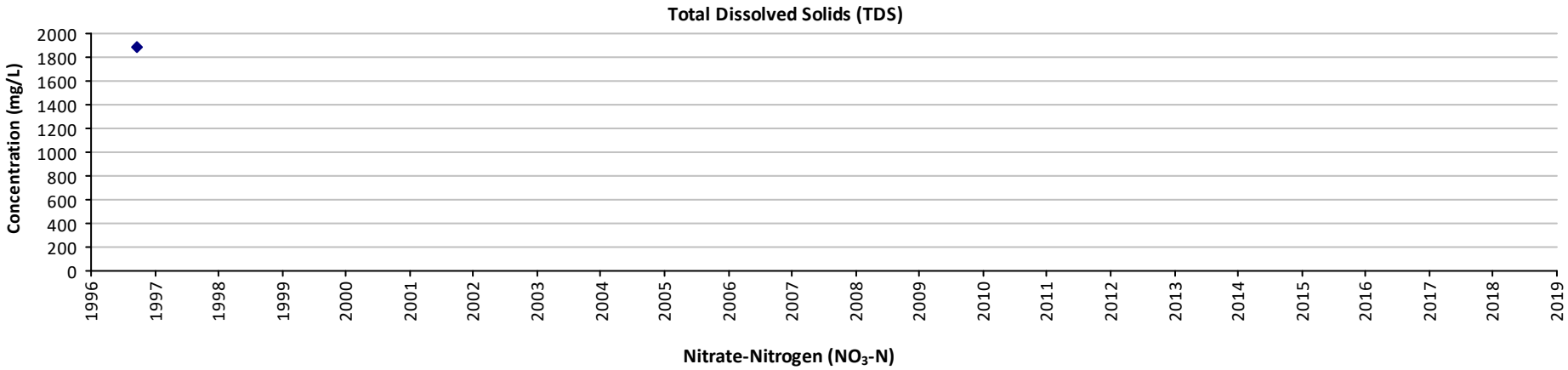
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
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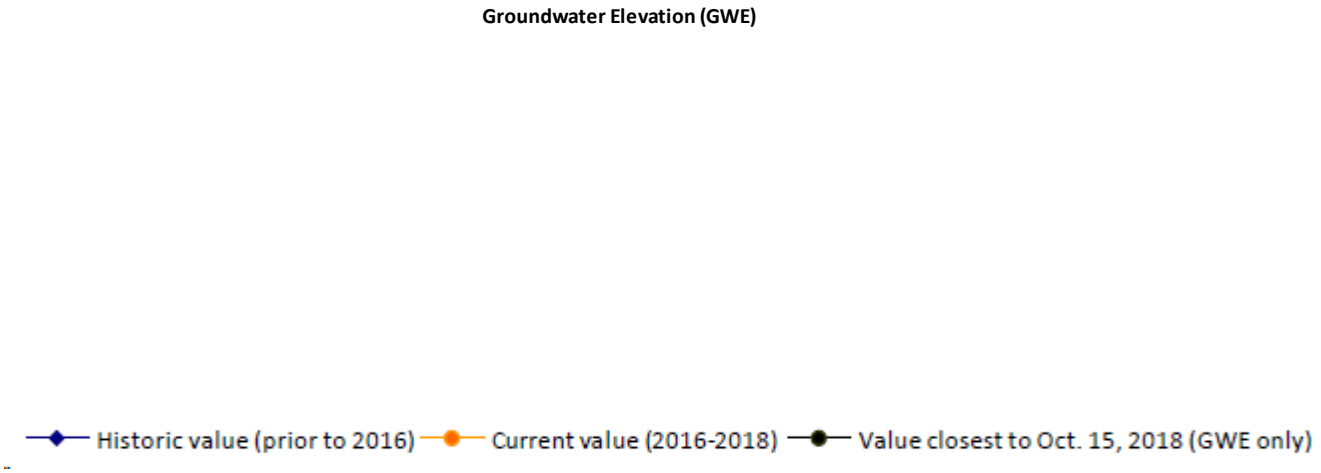
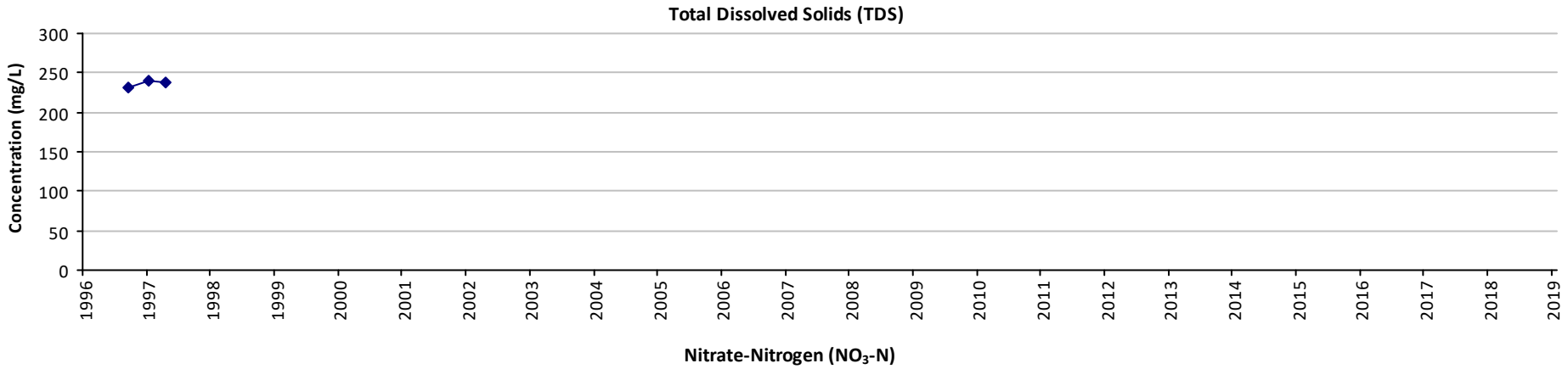
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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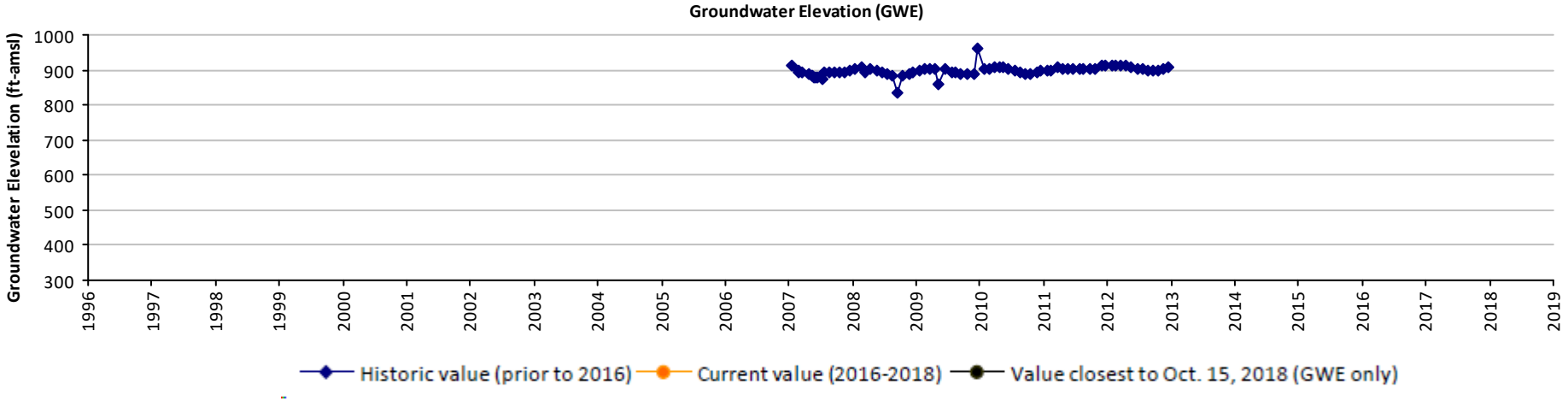
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
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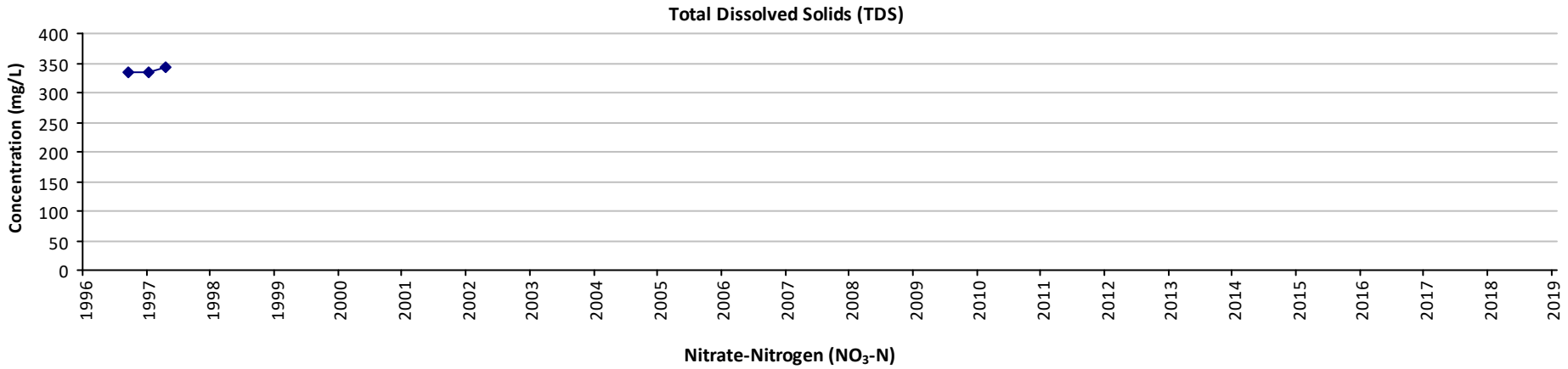
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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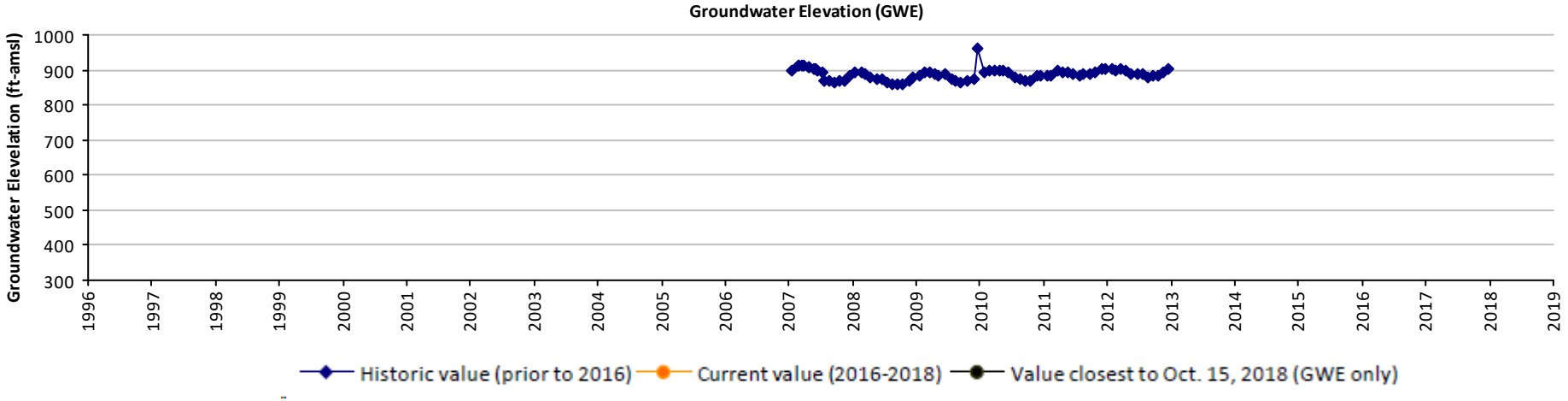
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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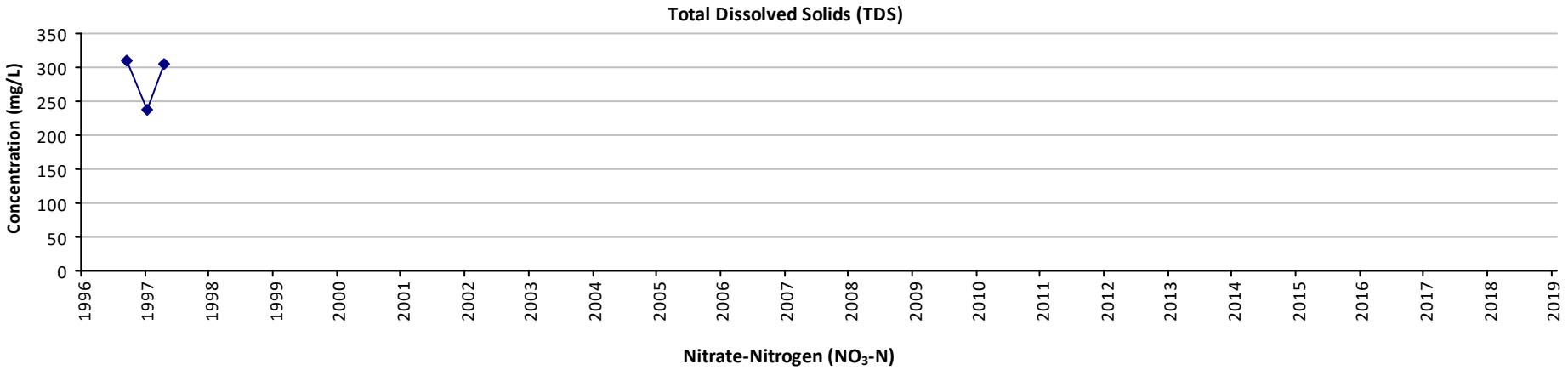
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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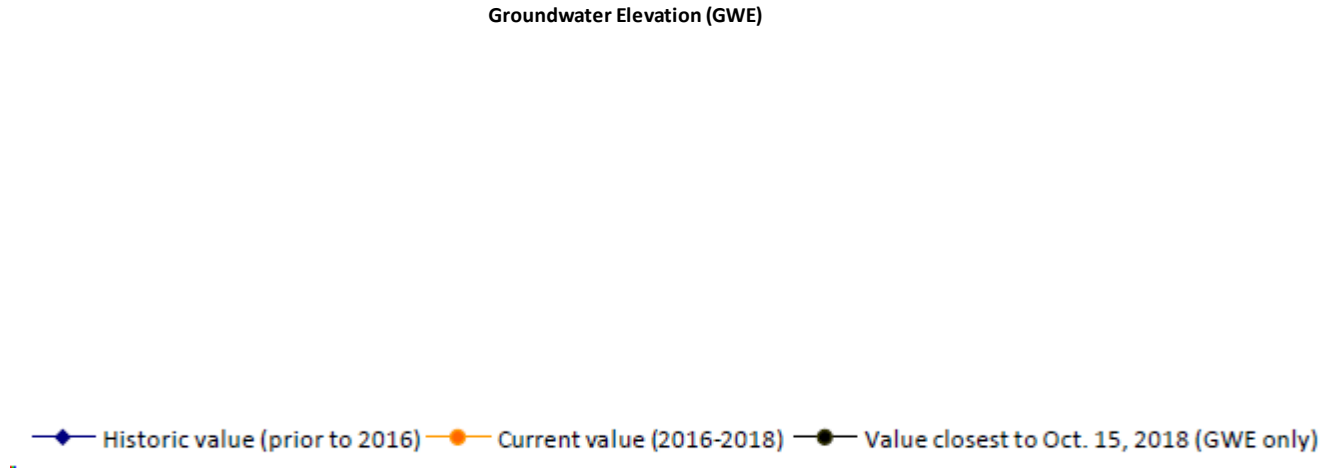
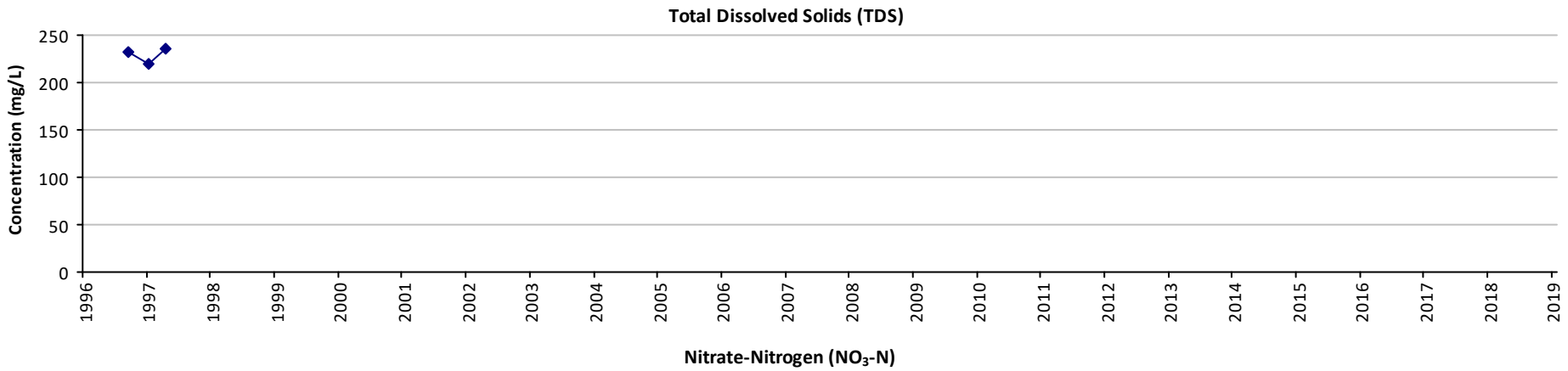
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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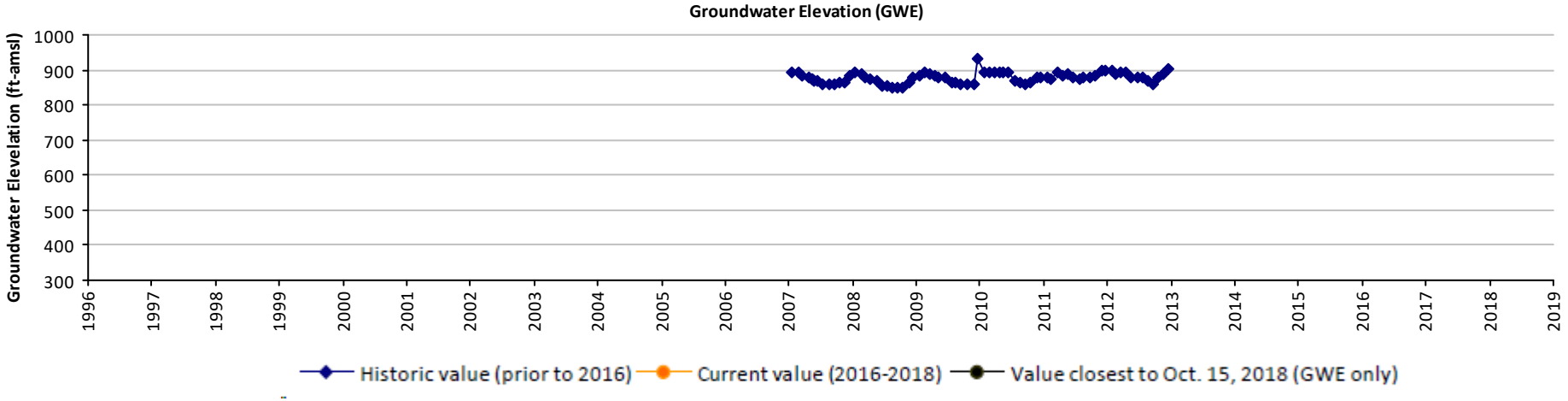
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
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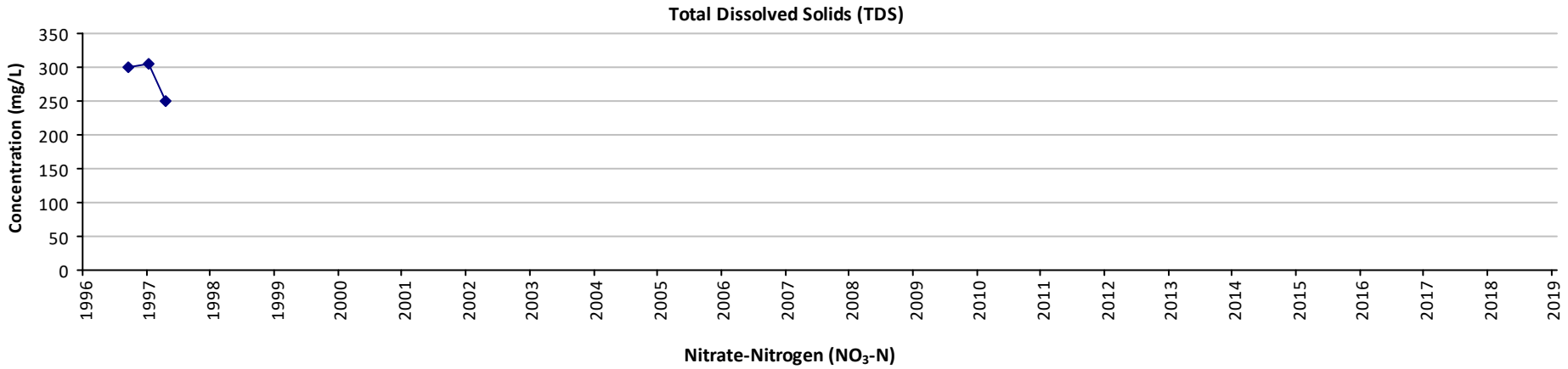
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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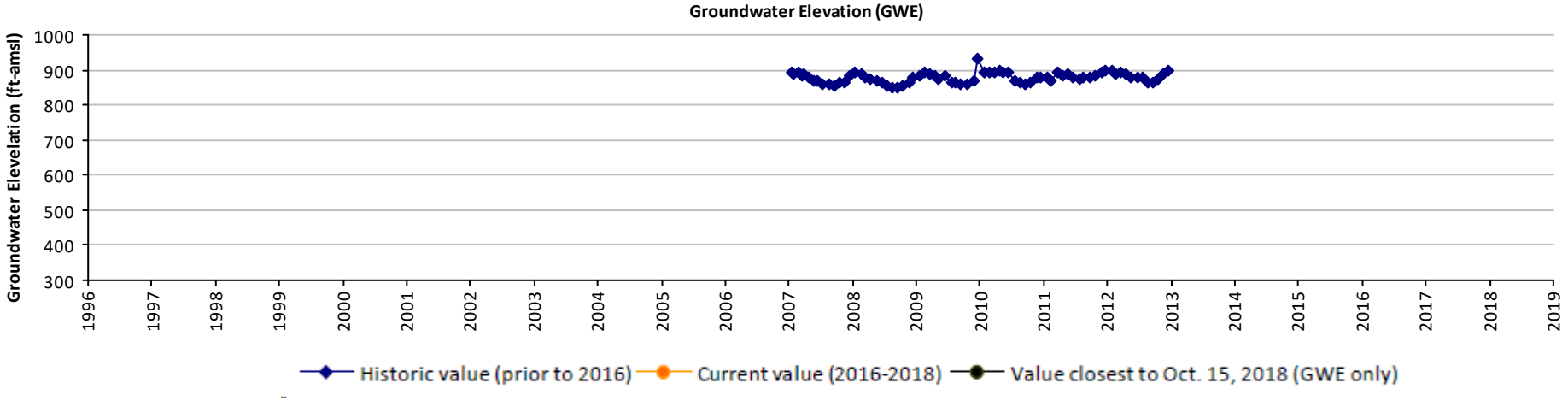
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
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700
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500
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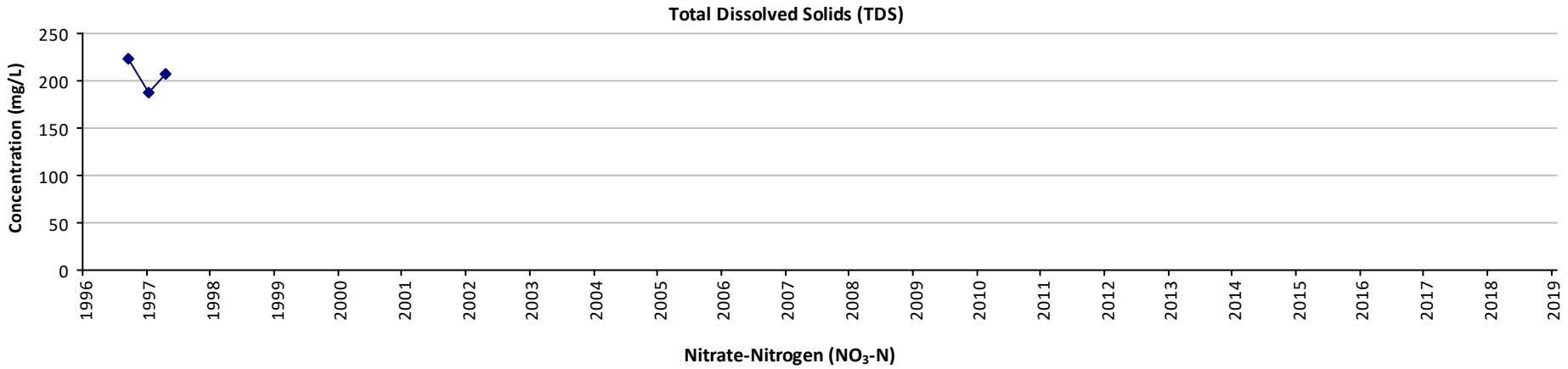
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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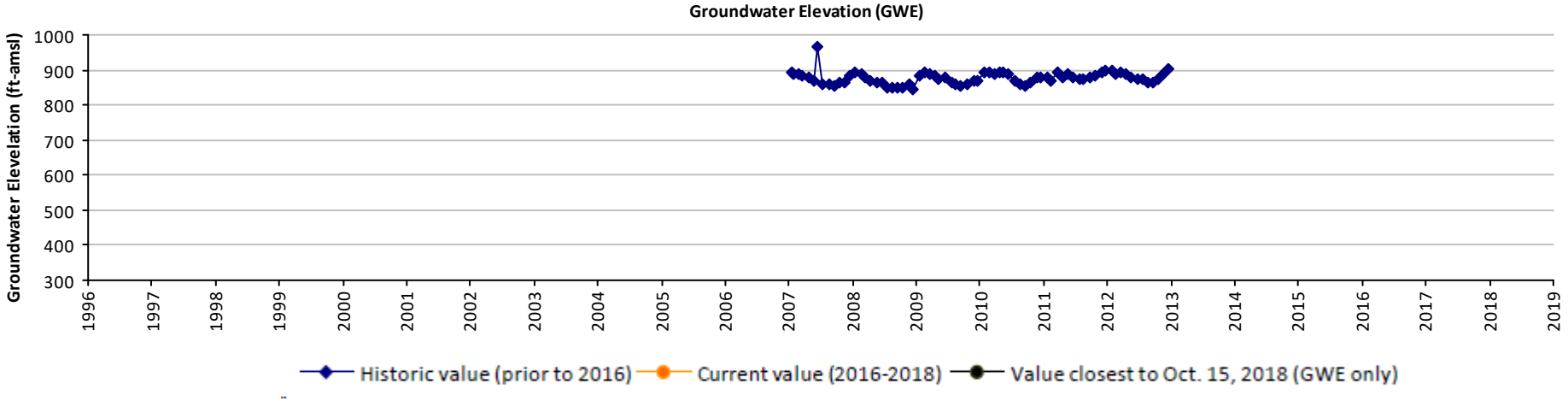
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
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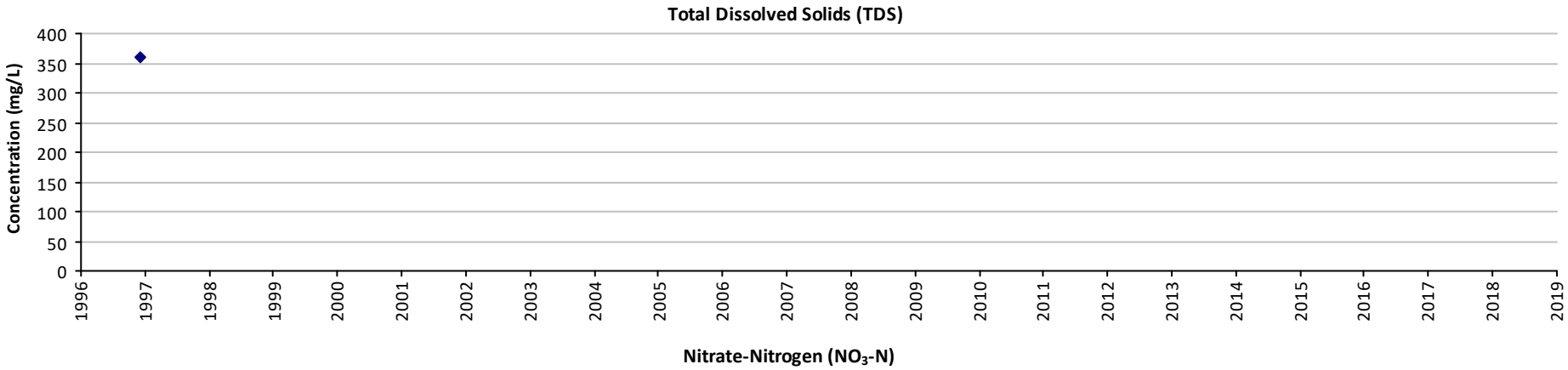
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
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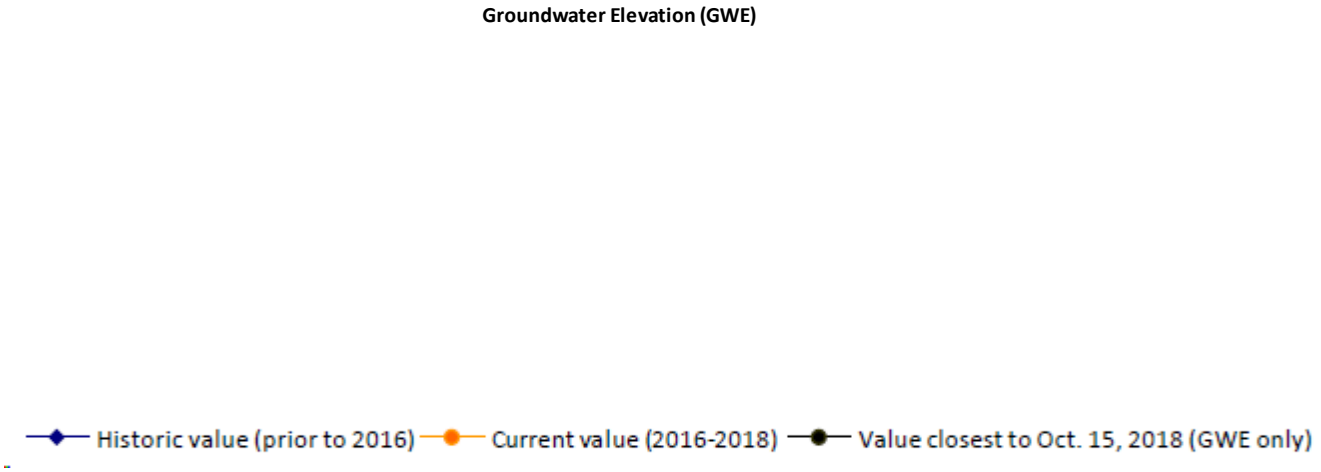
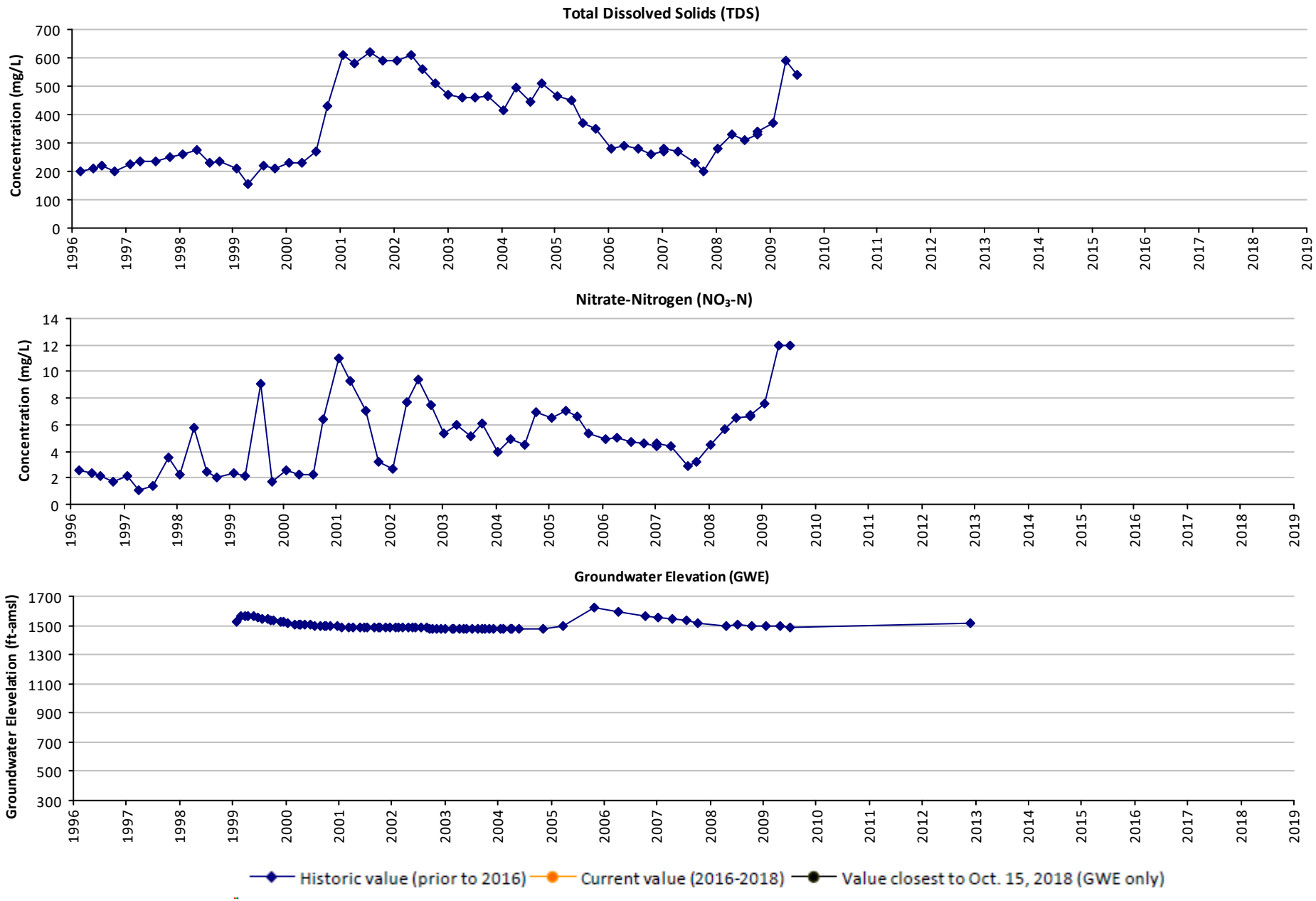
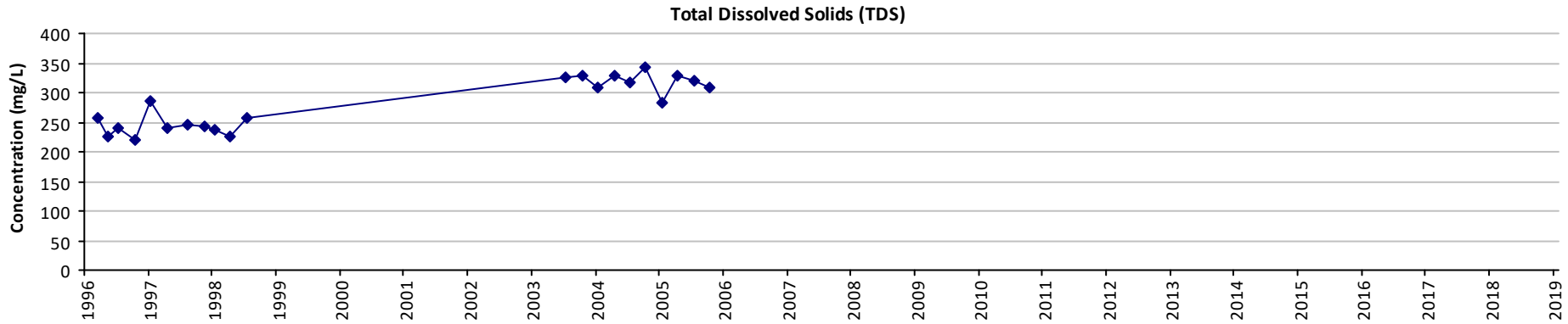
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
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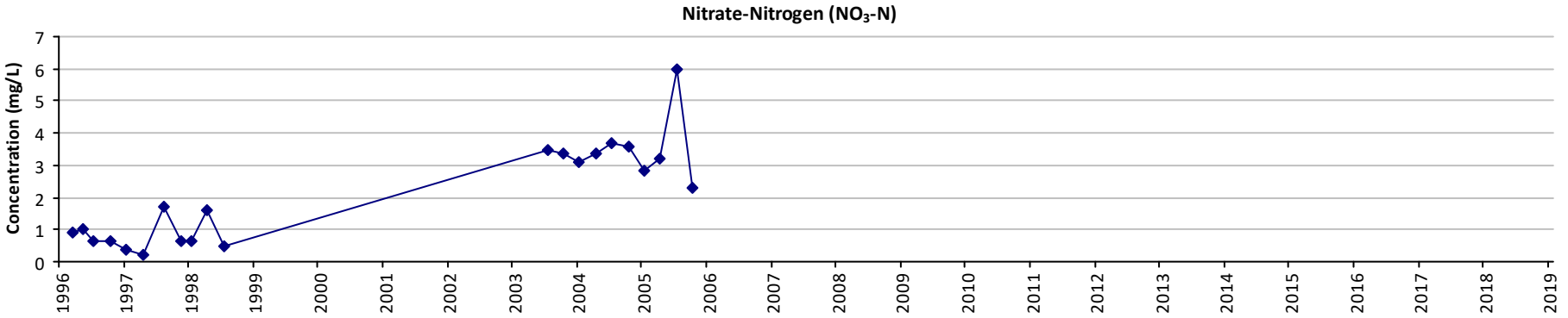
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
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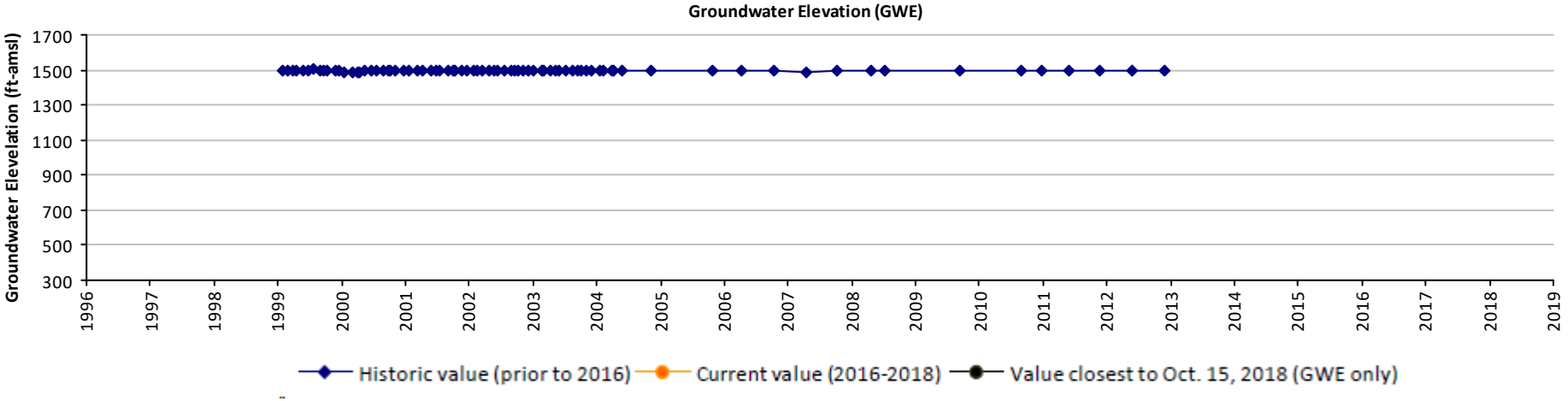
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
500
700
900
1100
1300
1500
1700
1996
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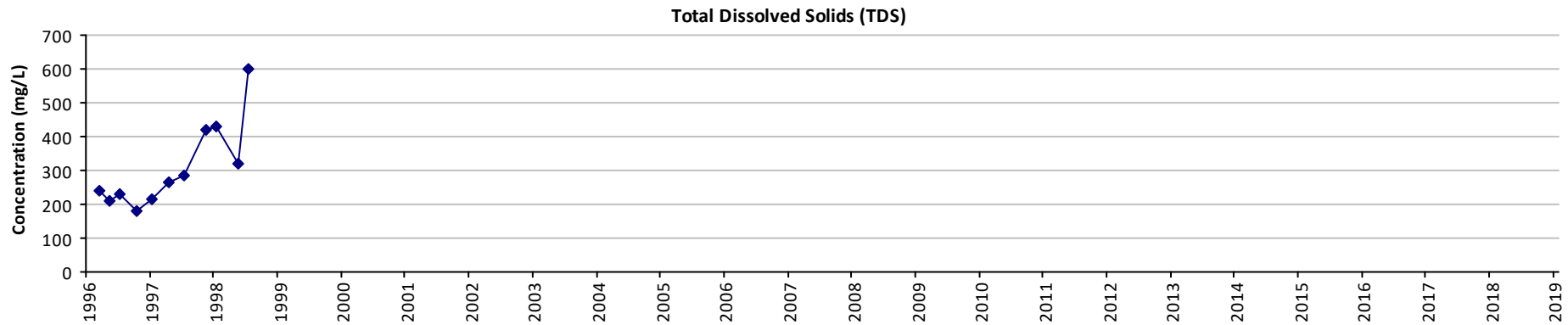
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
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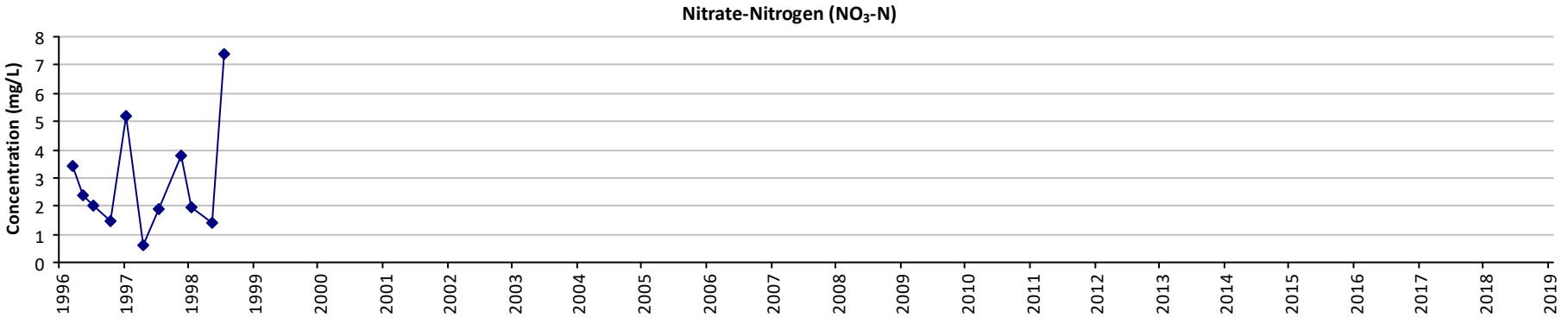
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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1996
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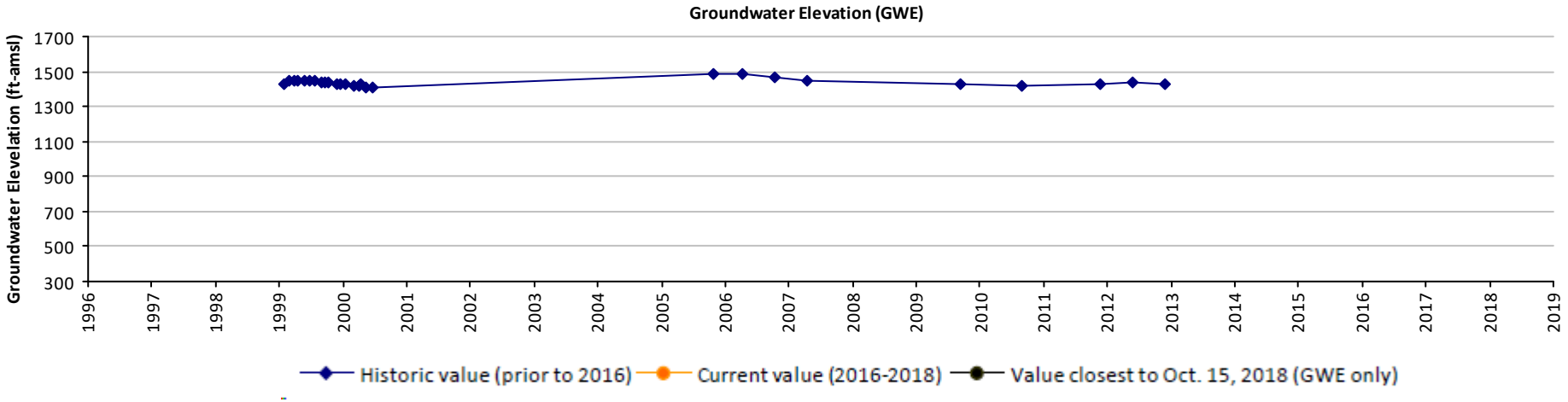
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
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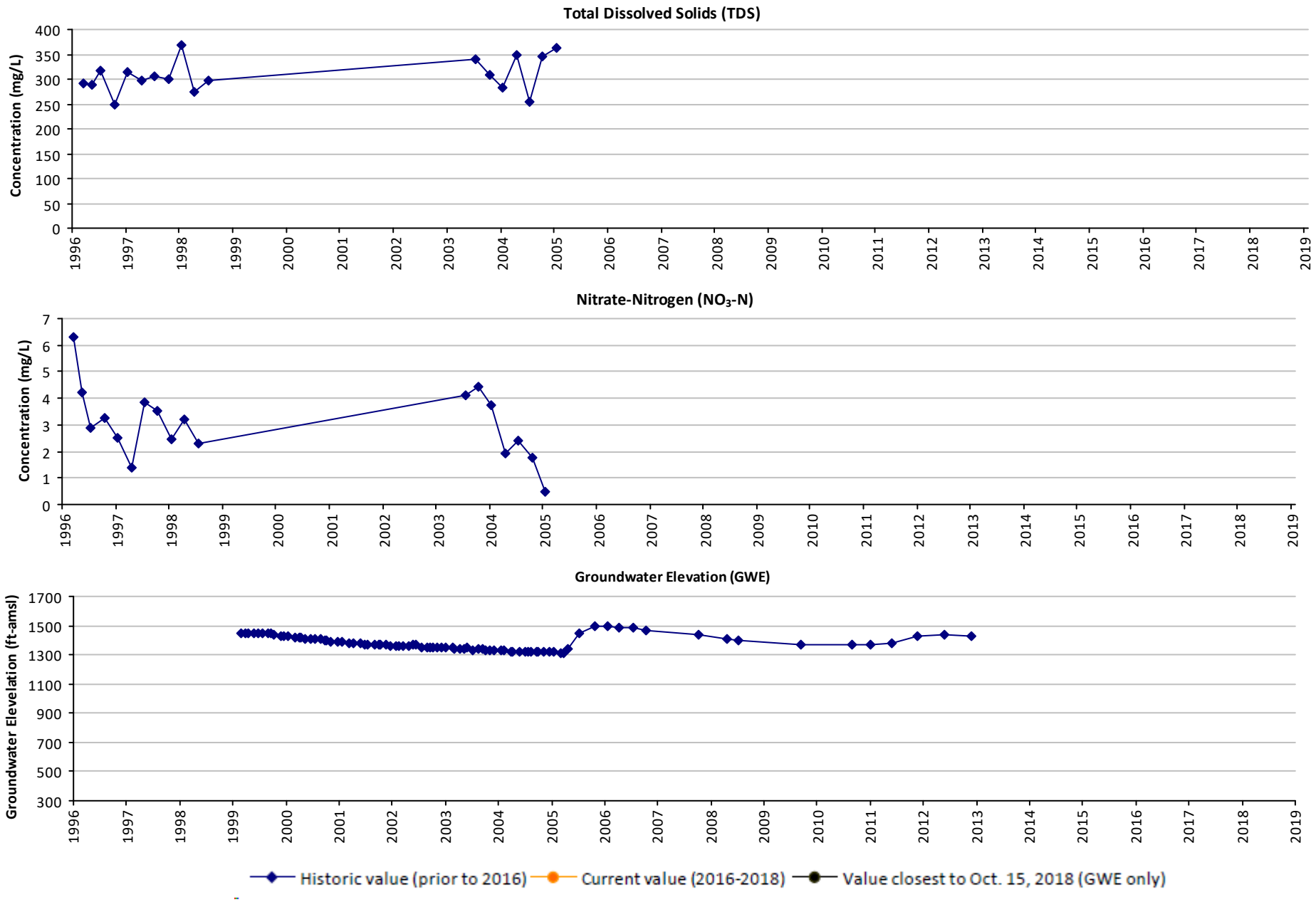
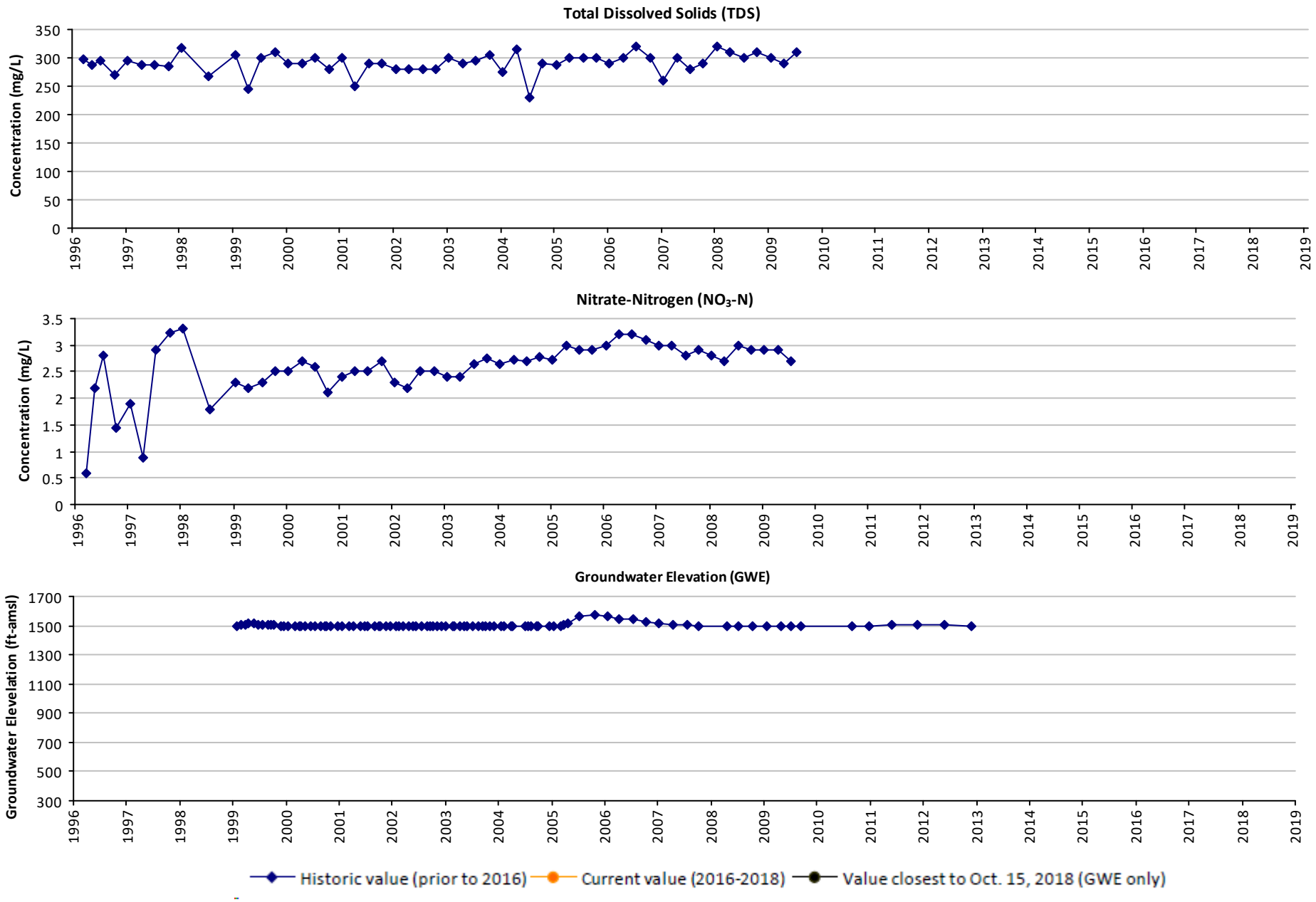
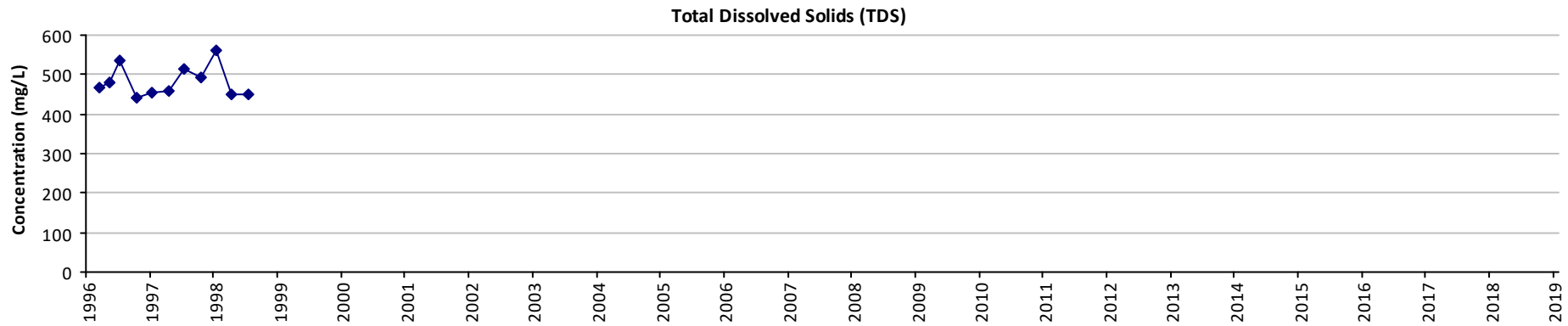
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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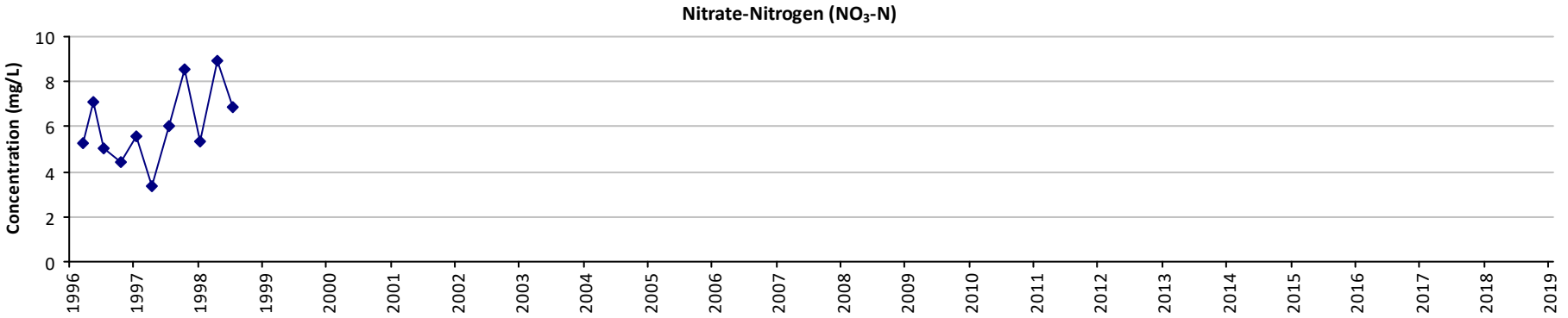
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
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1996
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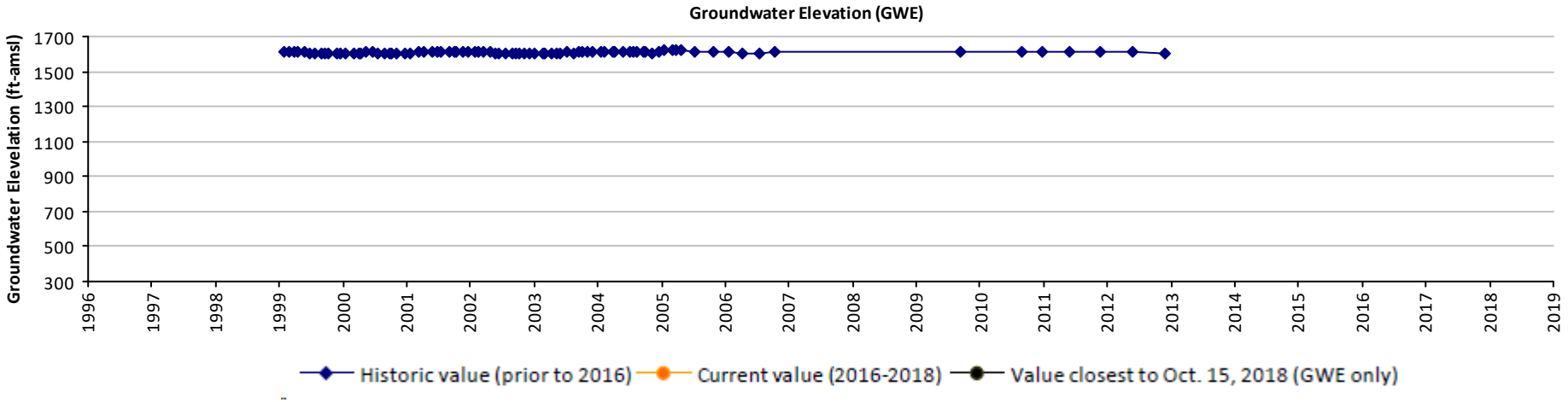
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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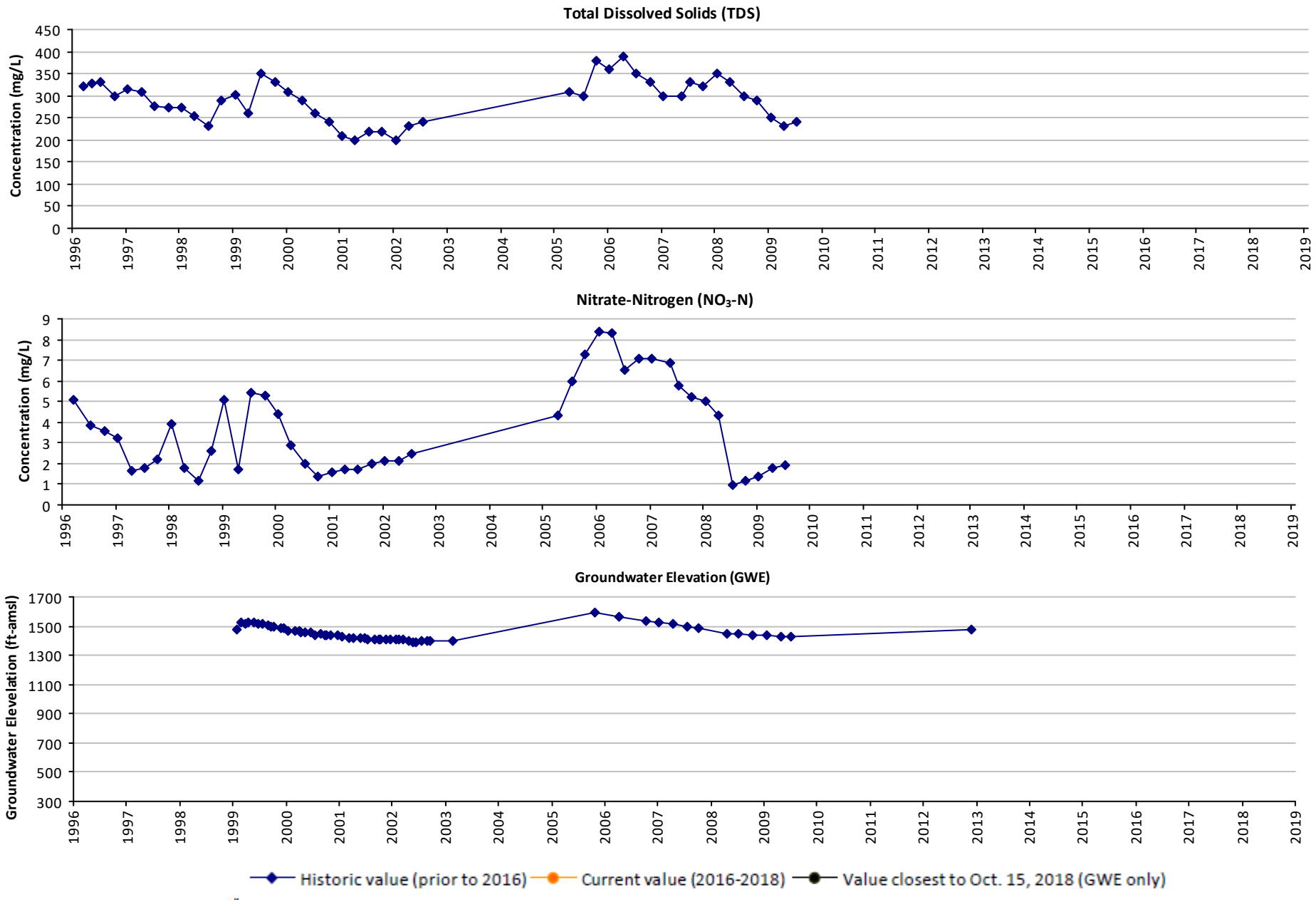
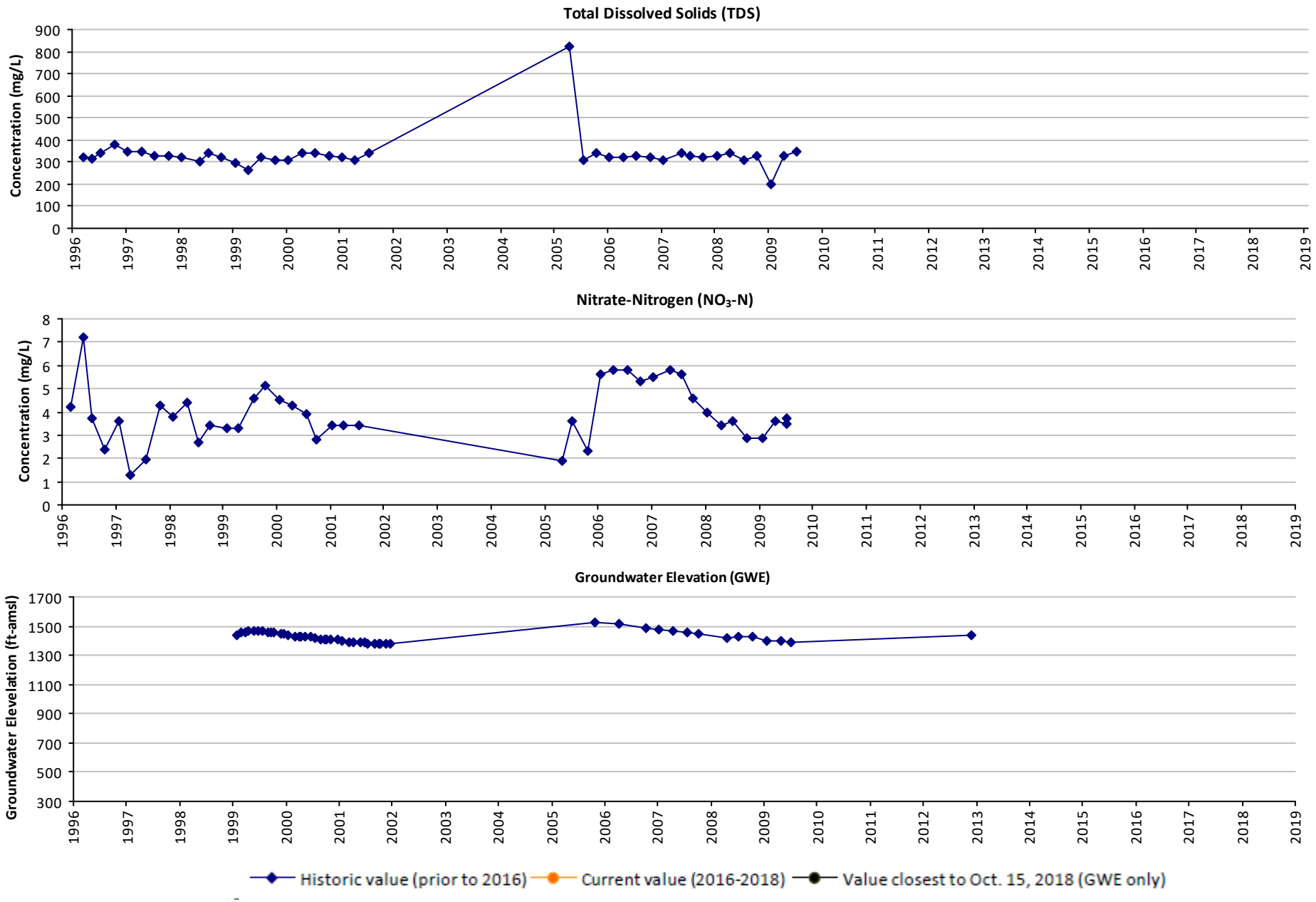
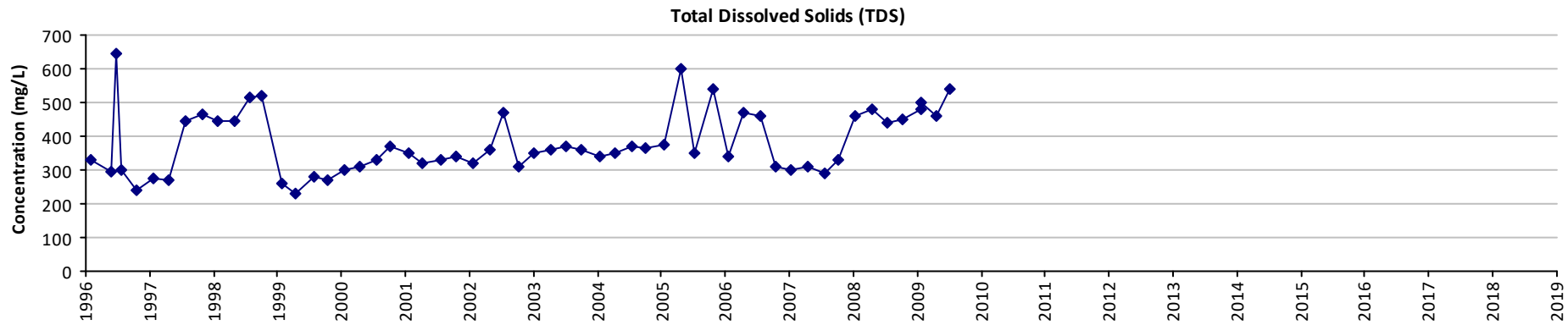
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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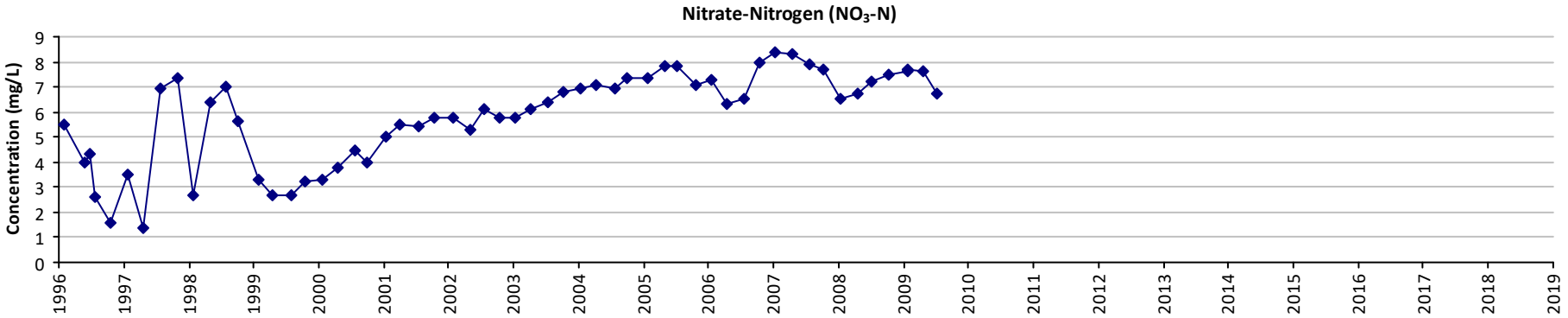
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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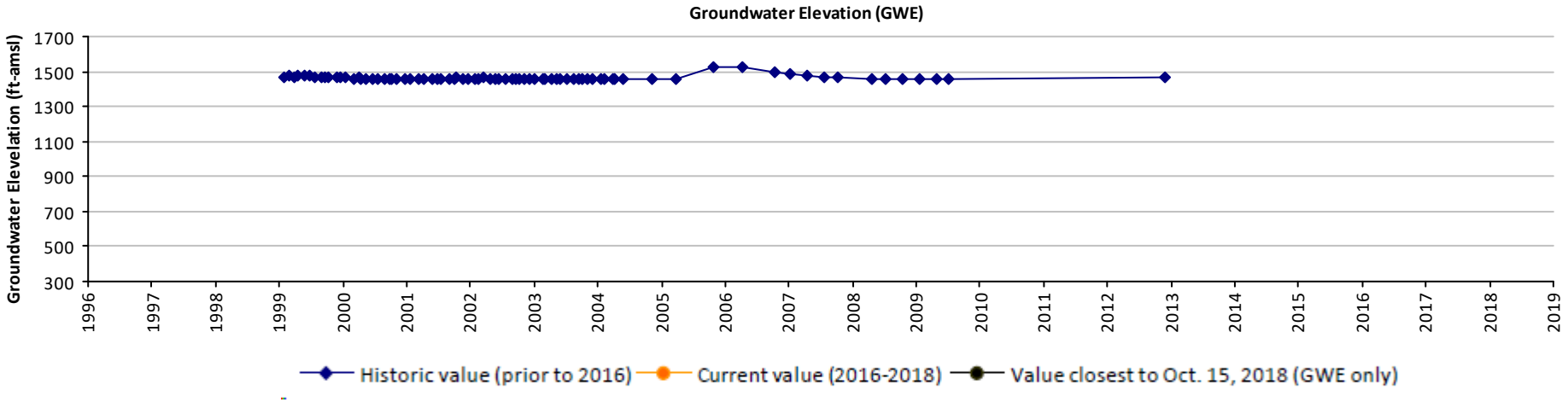
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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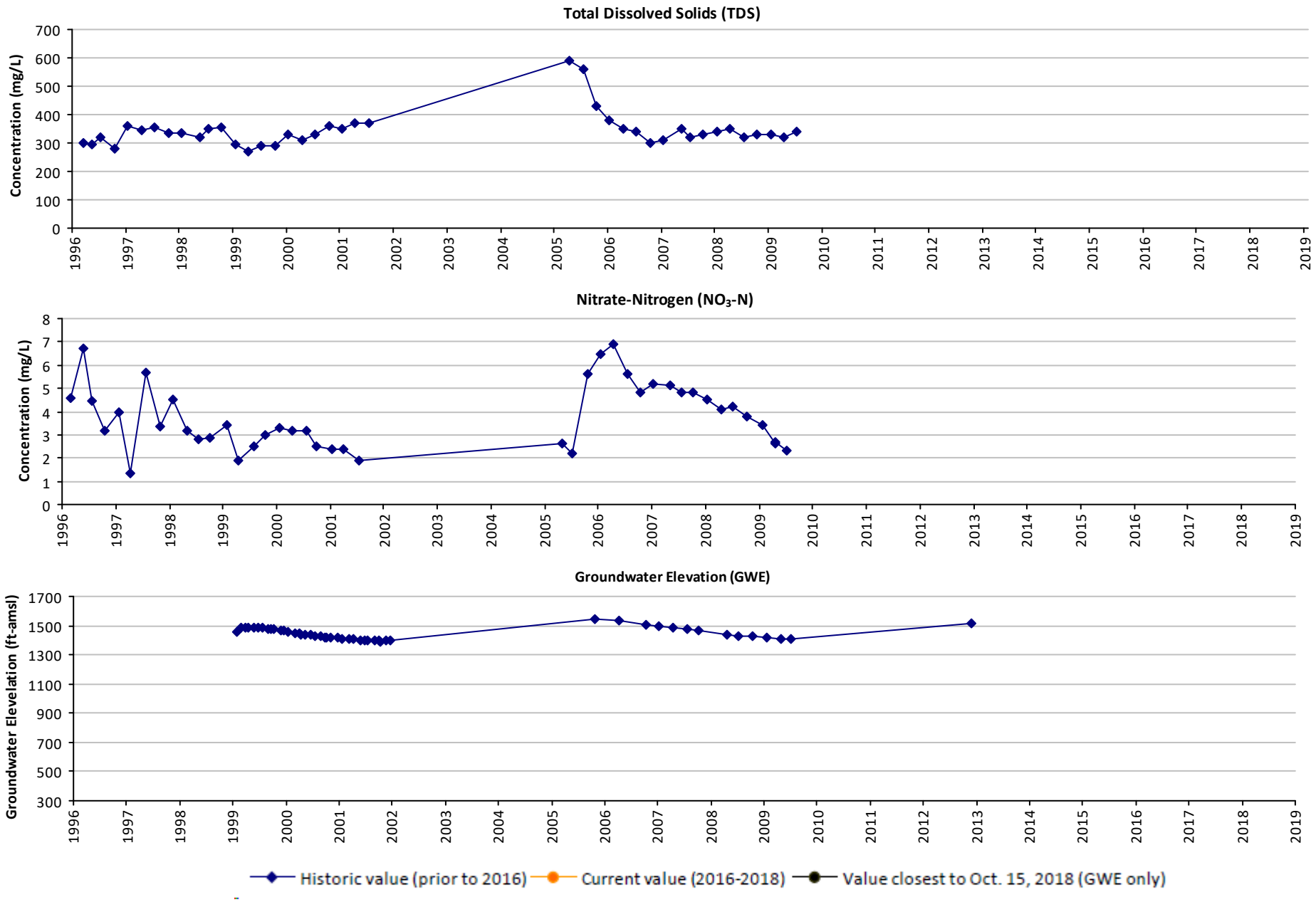
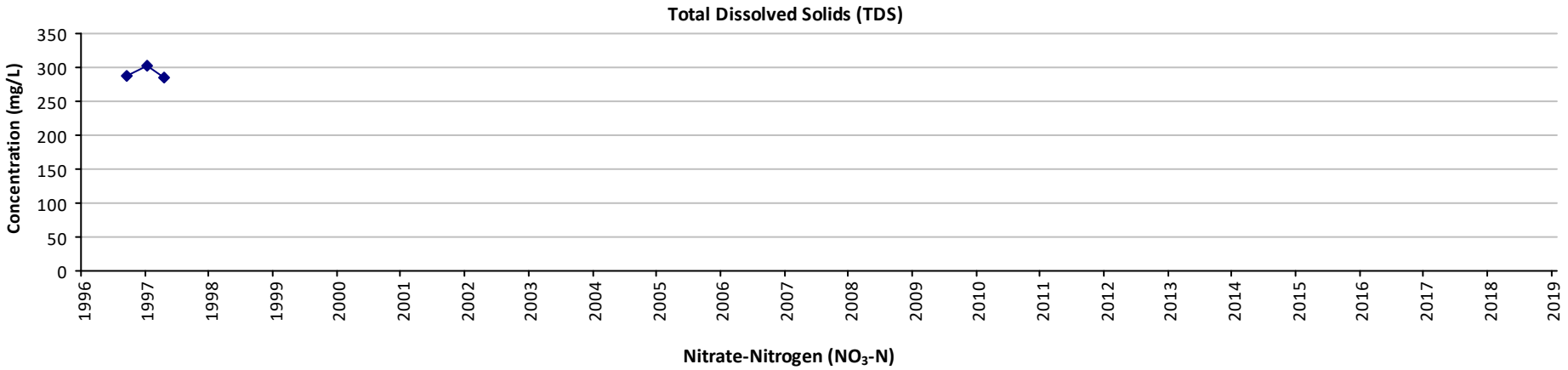
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
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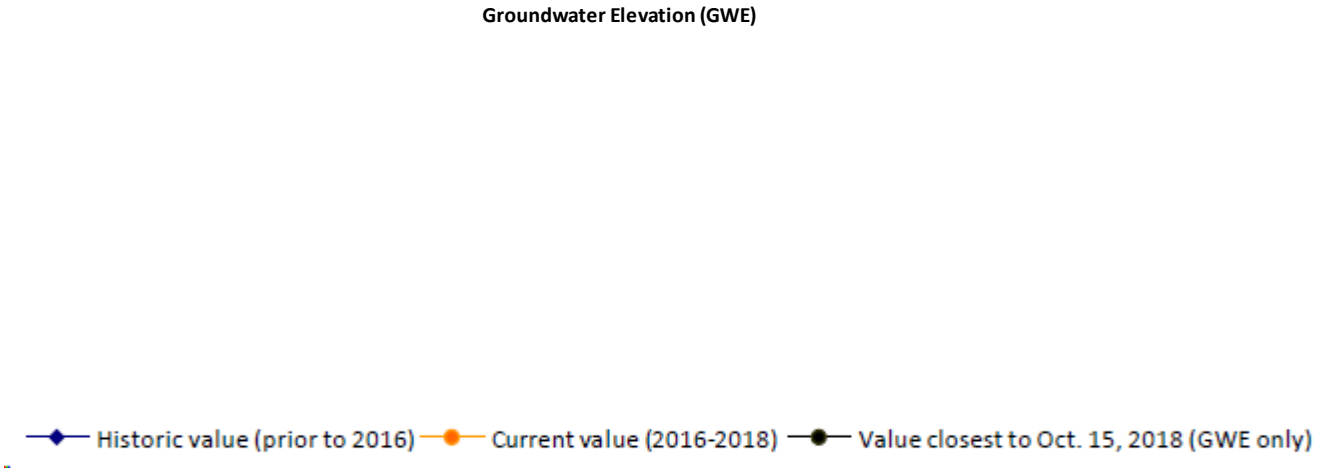
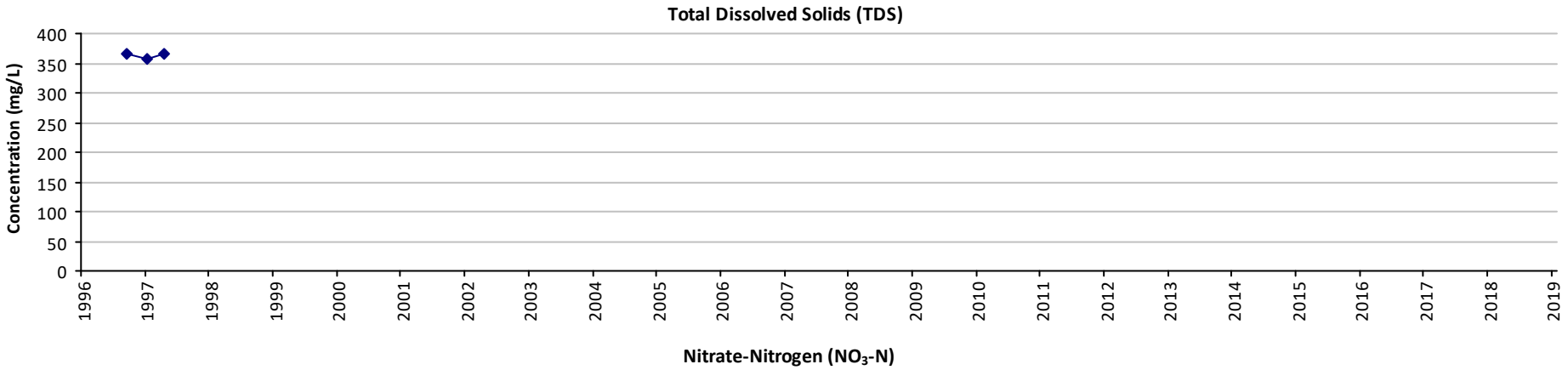
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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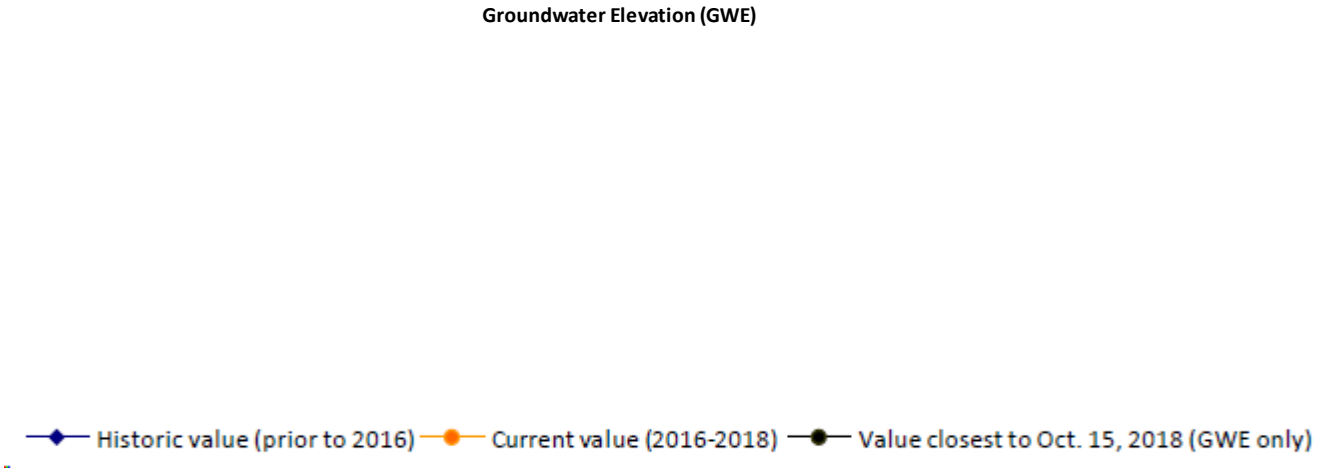
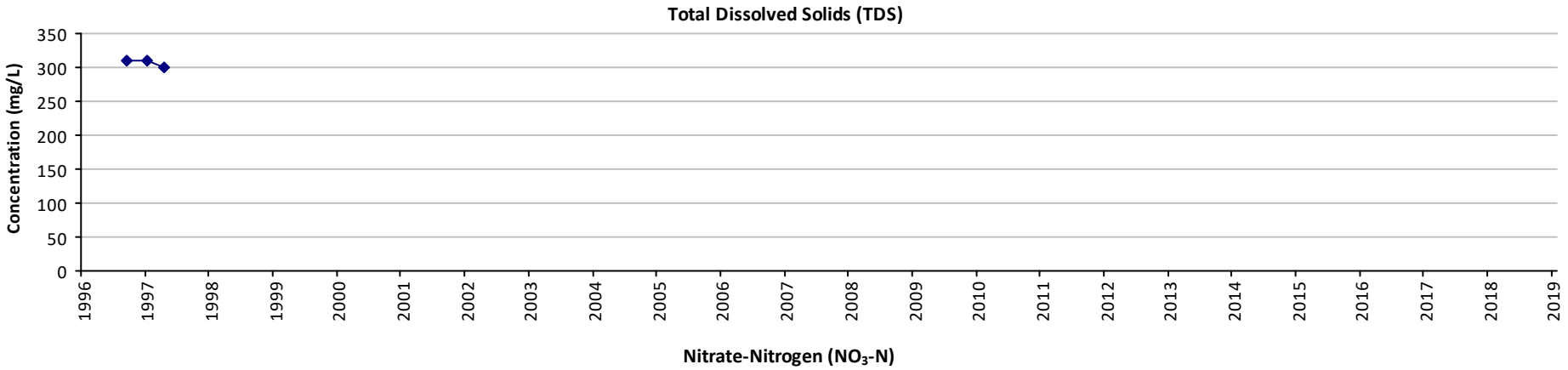
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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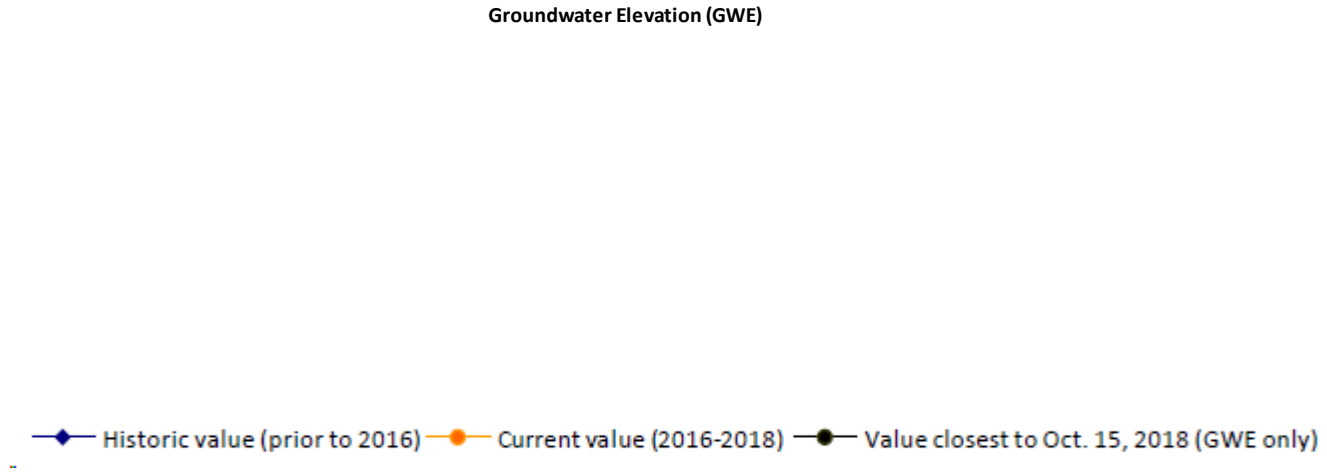
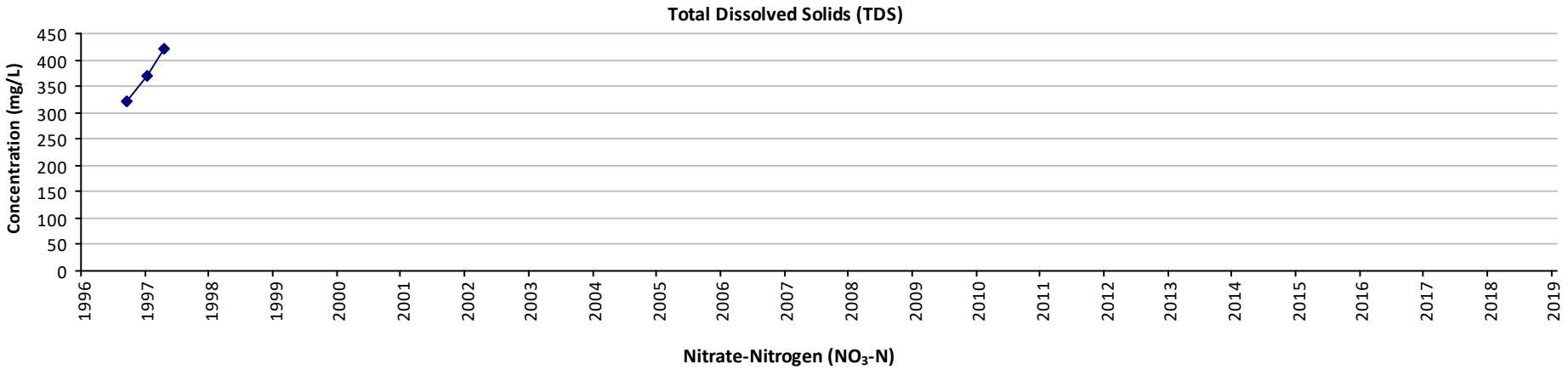
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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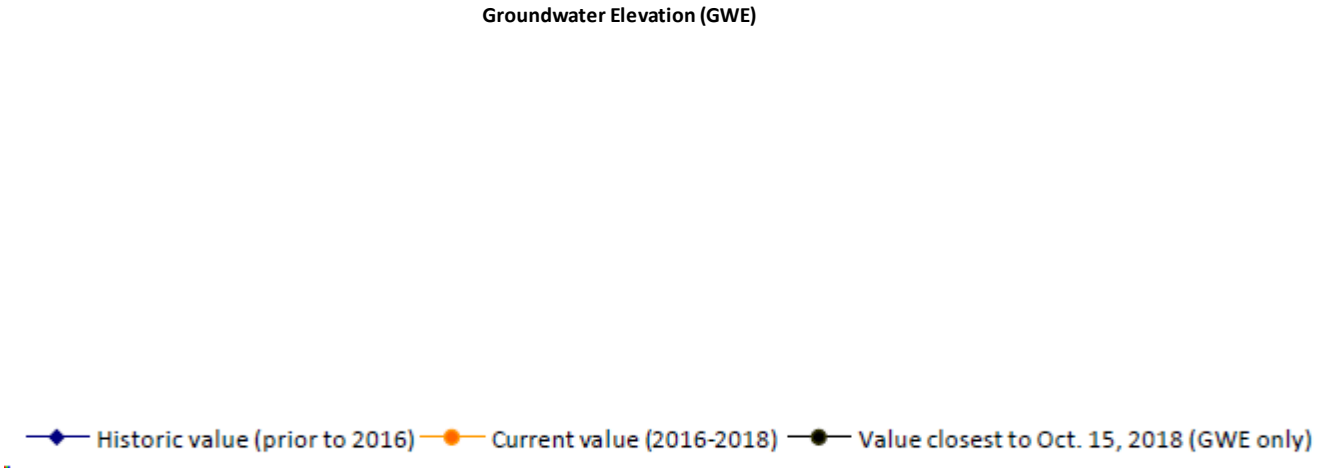
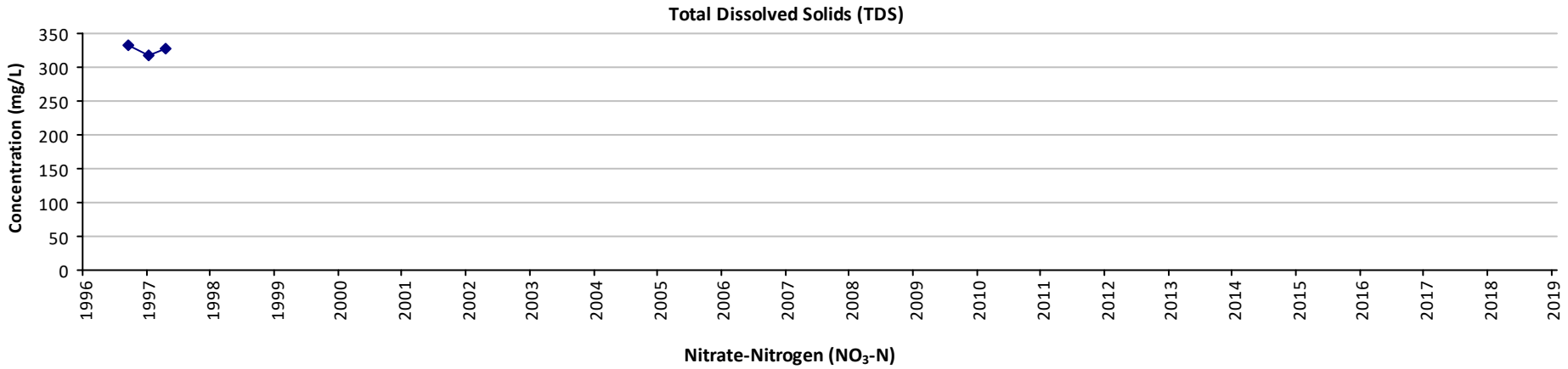
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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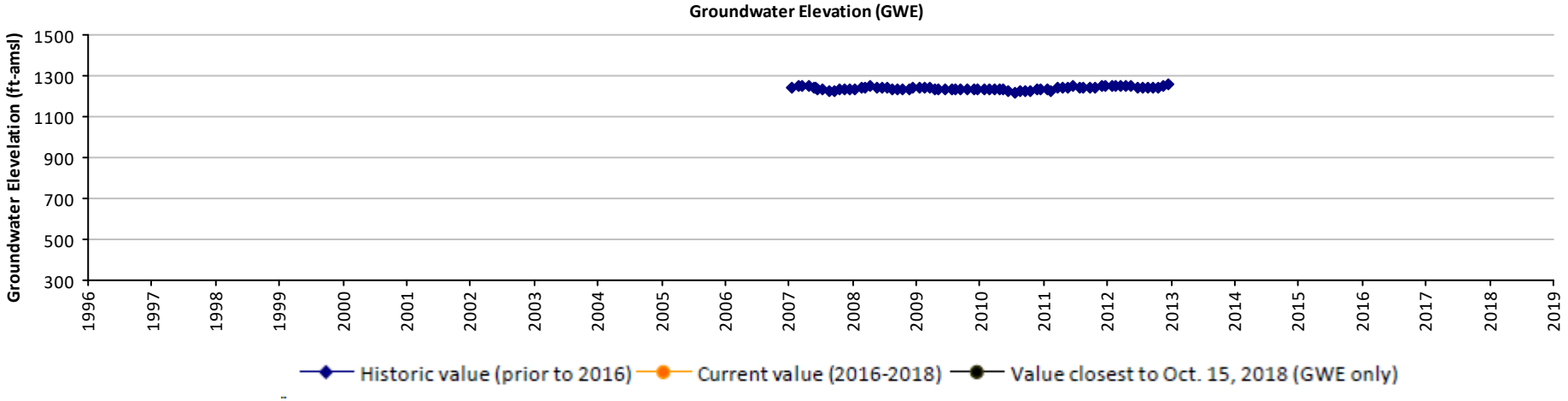
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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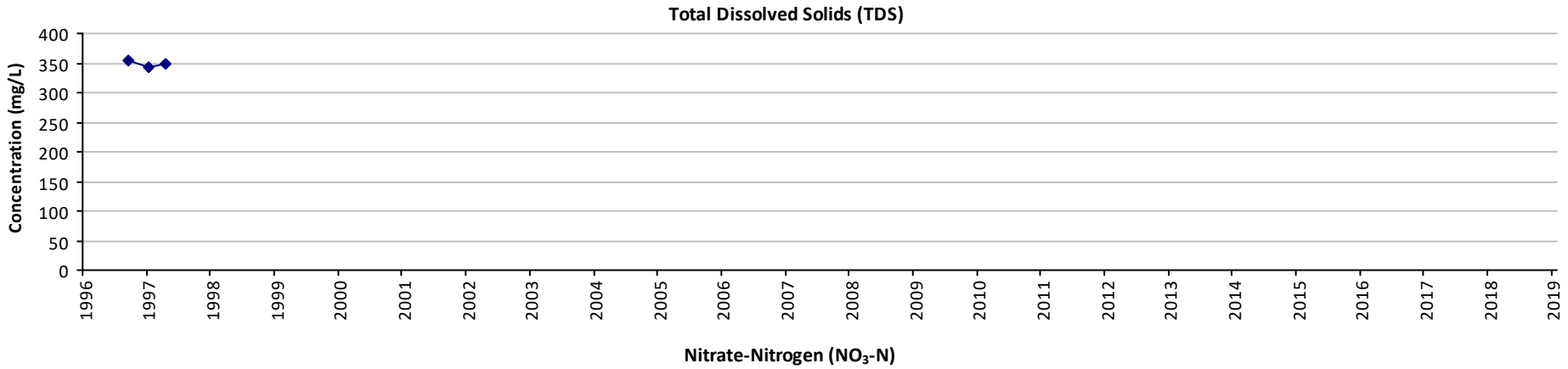
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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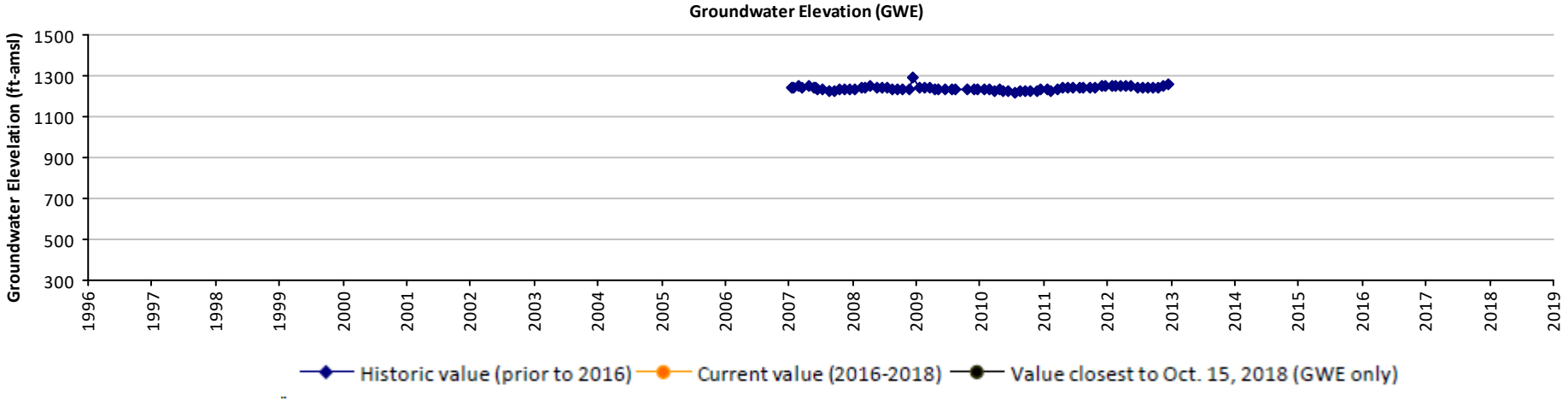
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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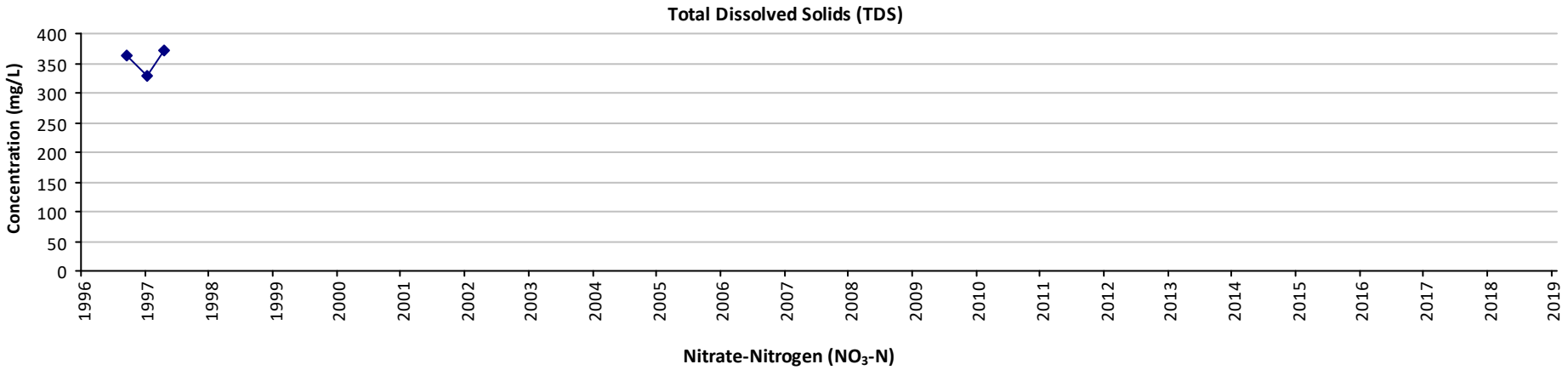
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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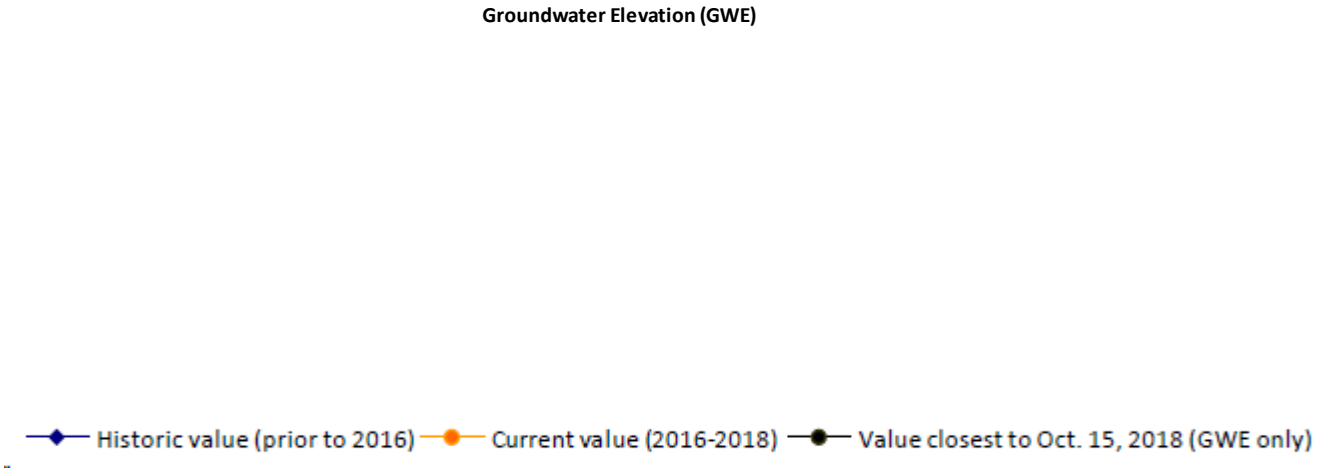
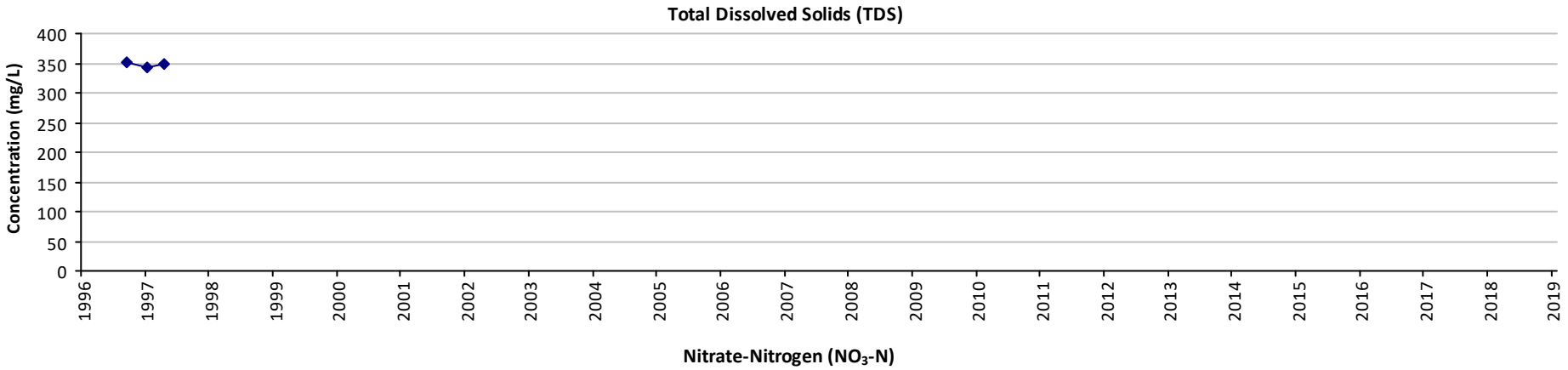
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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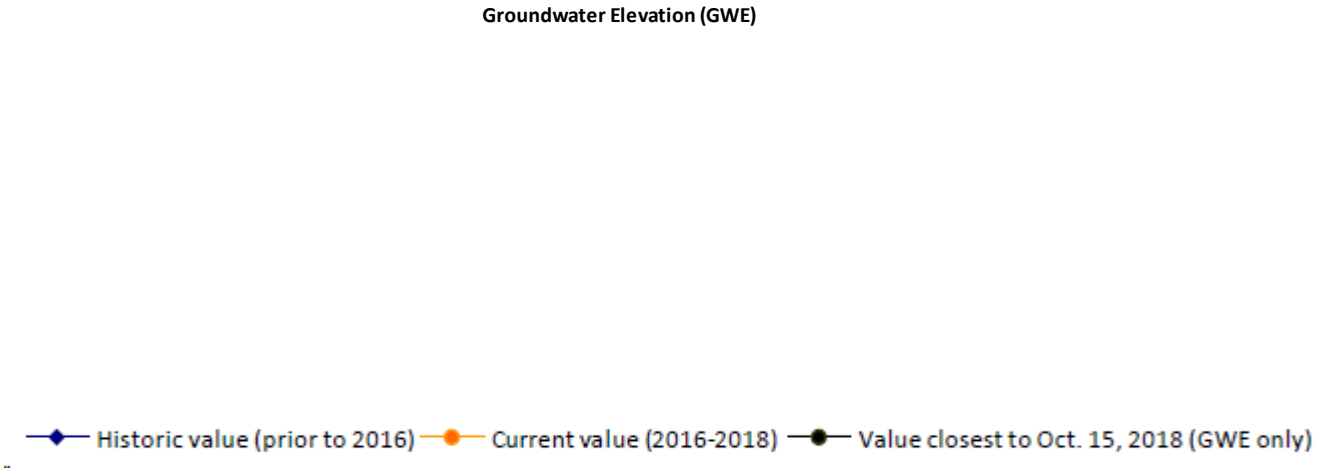
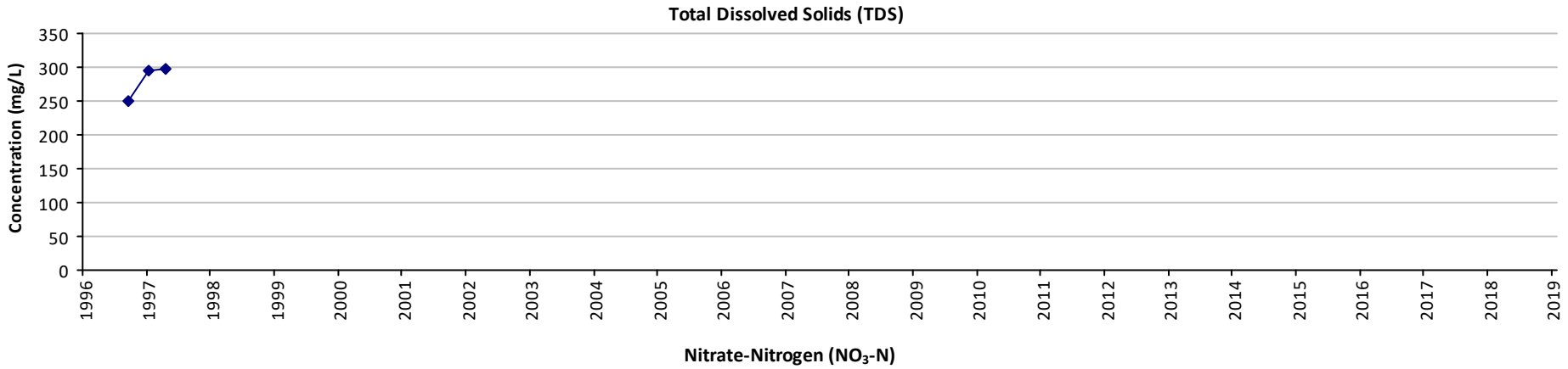
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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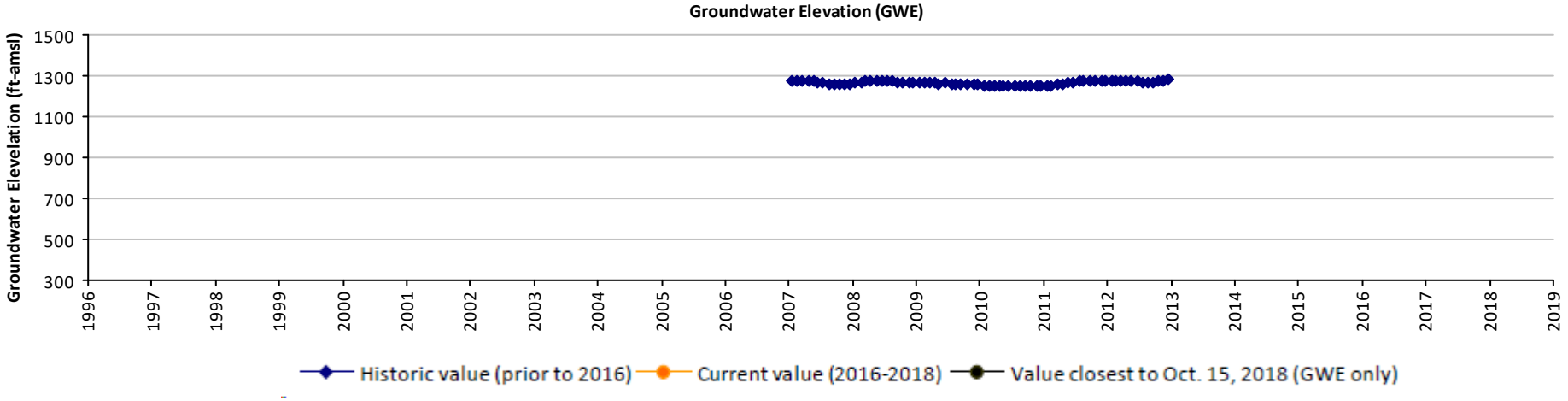
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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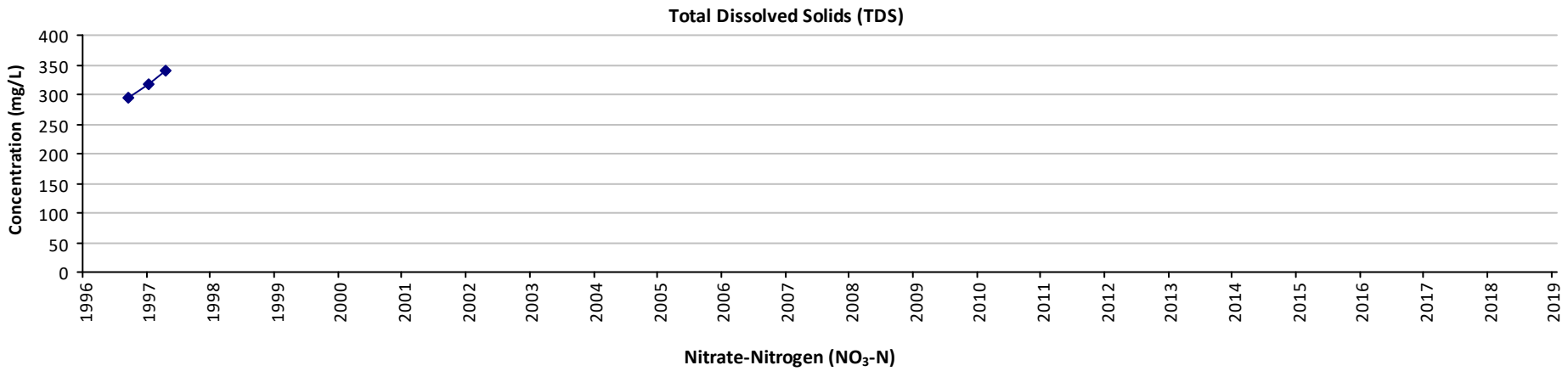
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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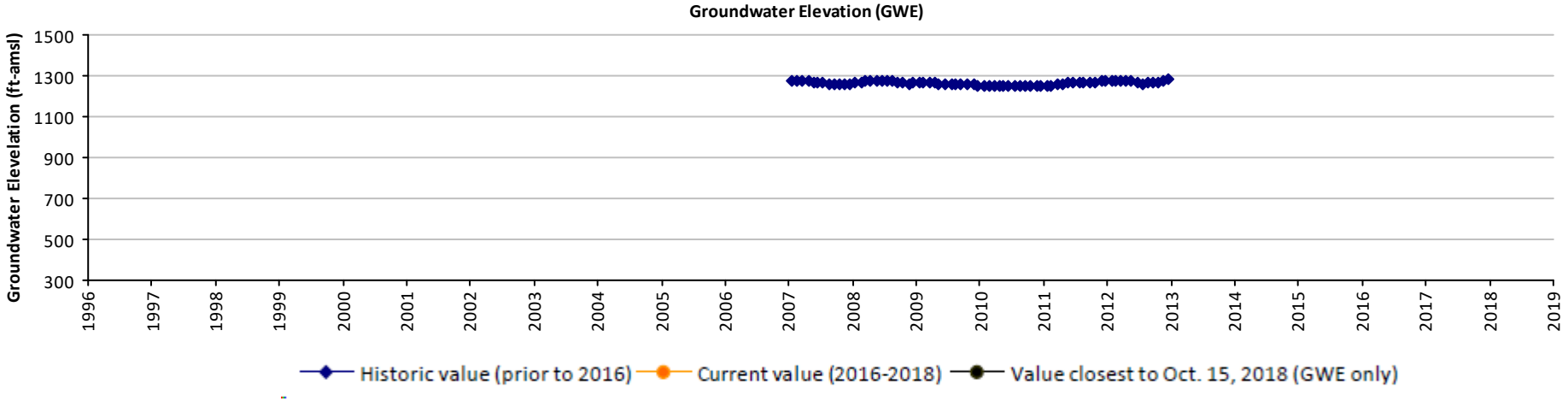
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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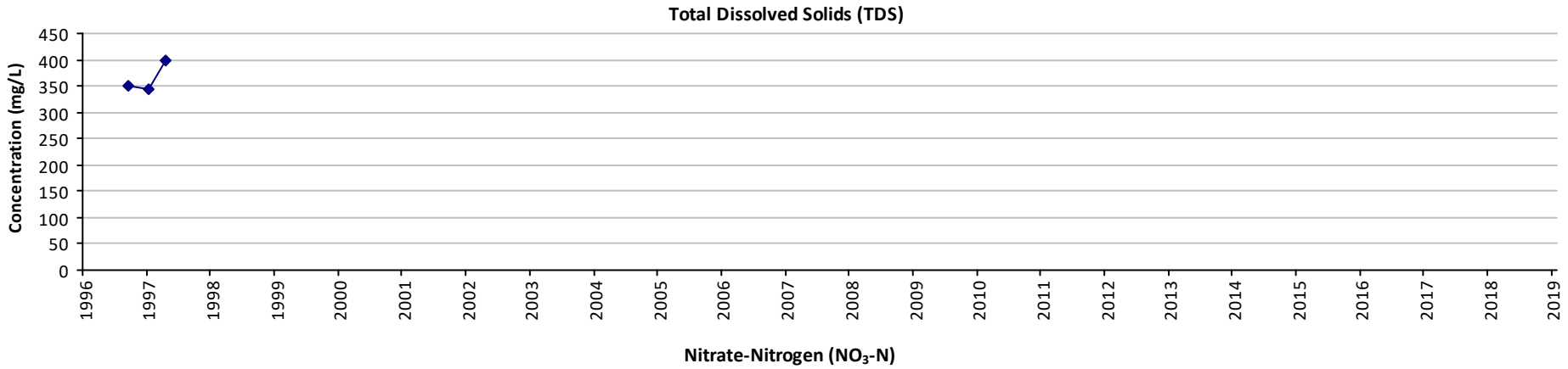
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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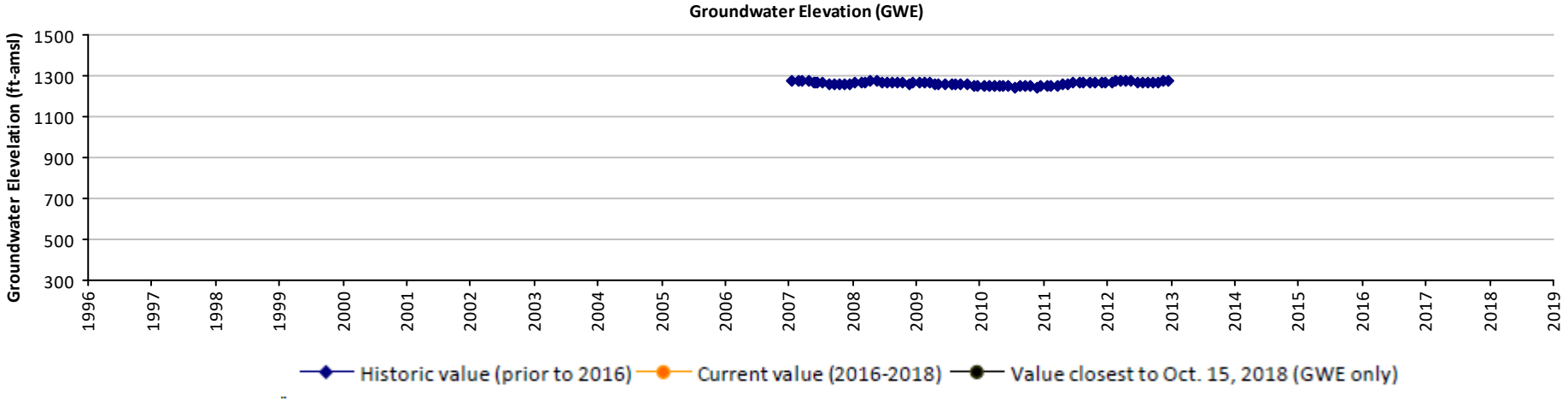
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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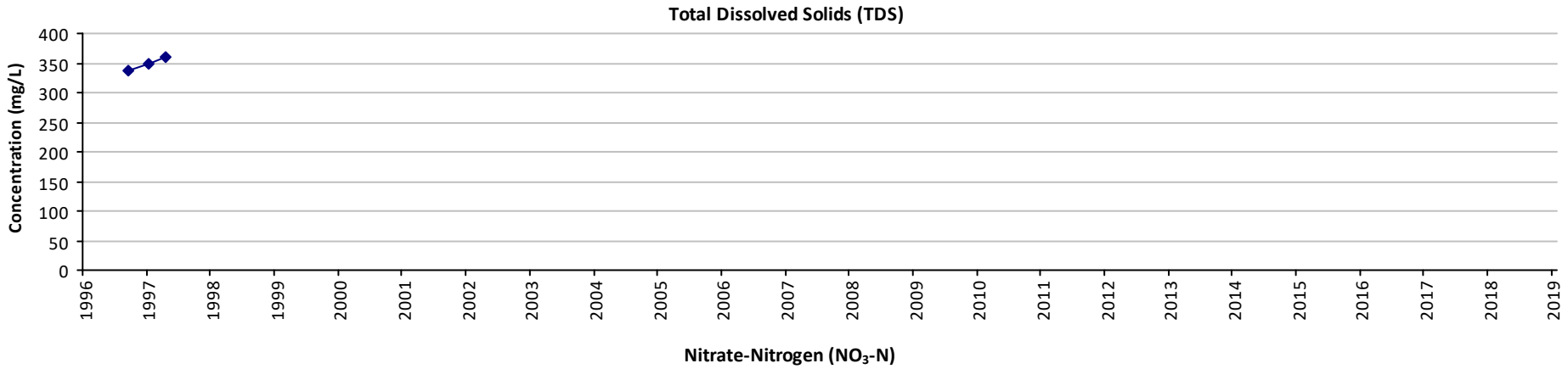
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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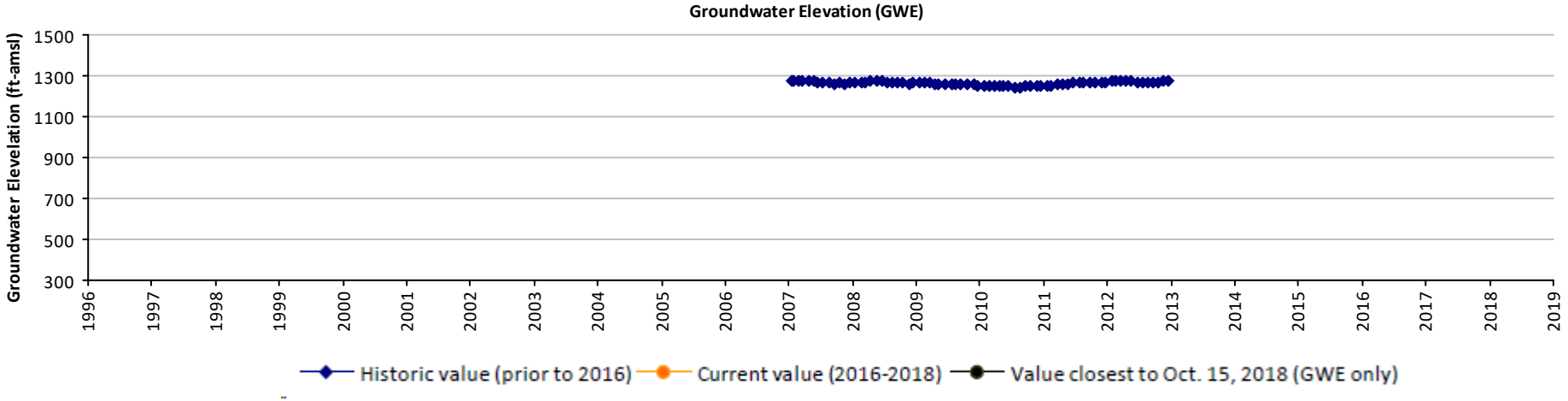
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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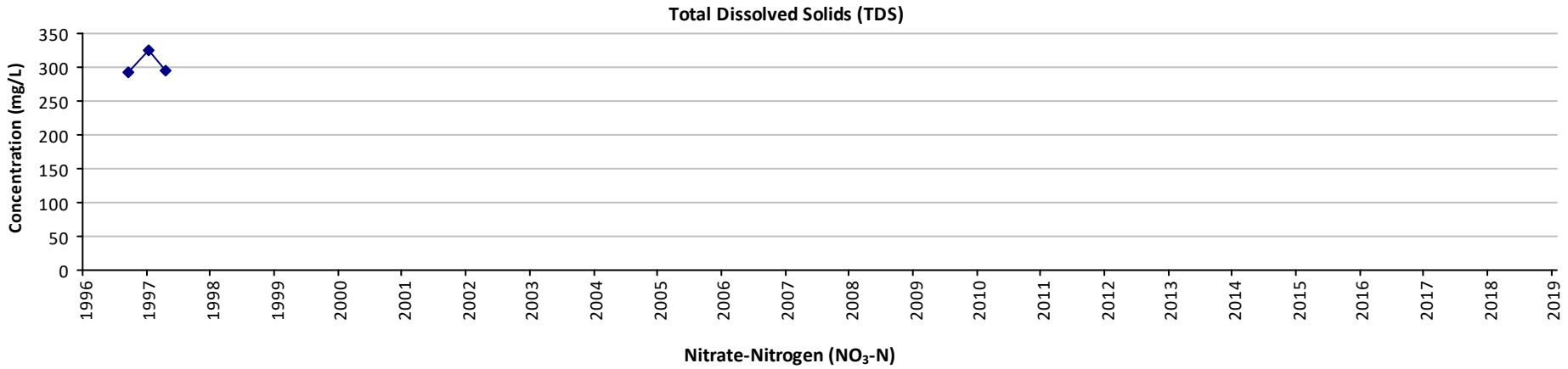
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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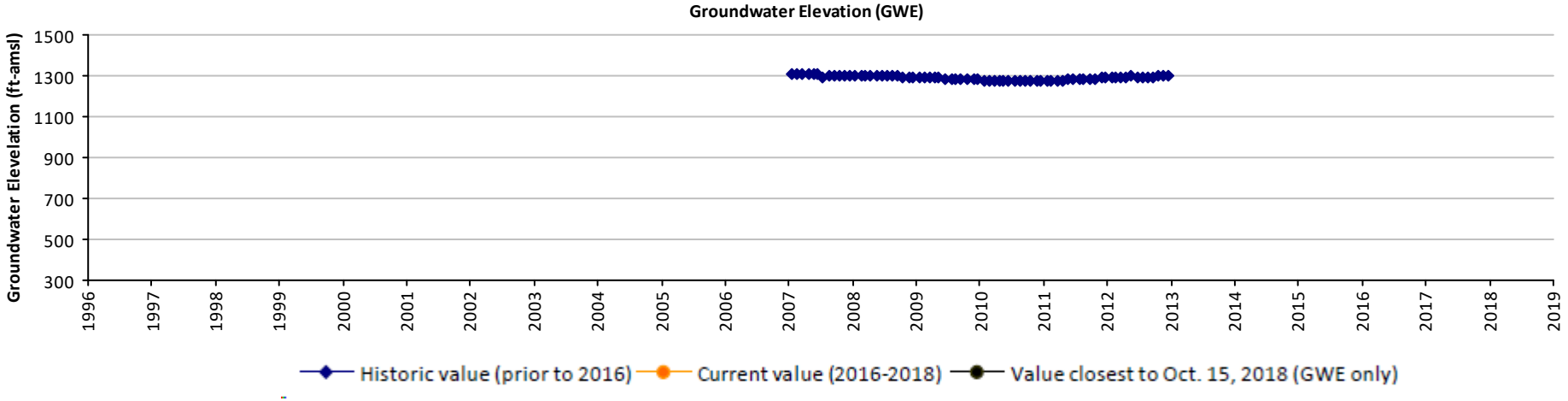
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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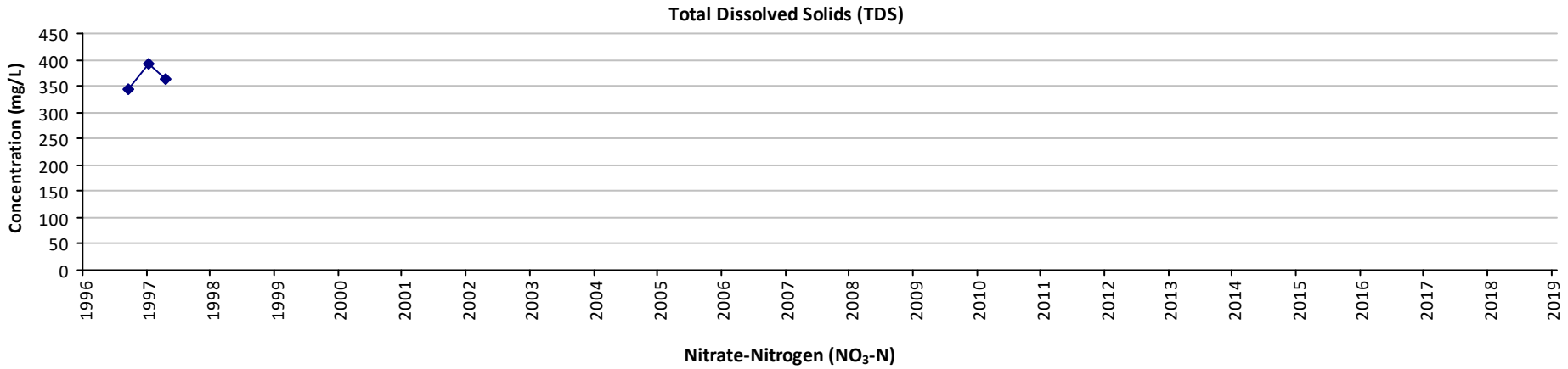
Value closest to Oct. 15, 2018 (GWE only)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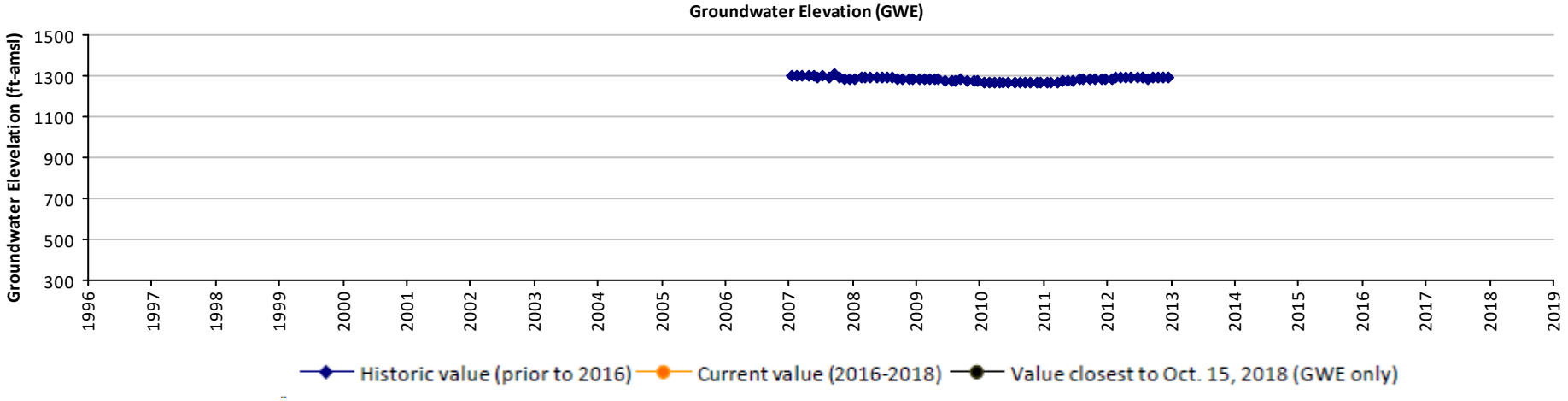
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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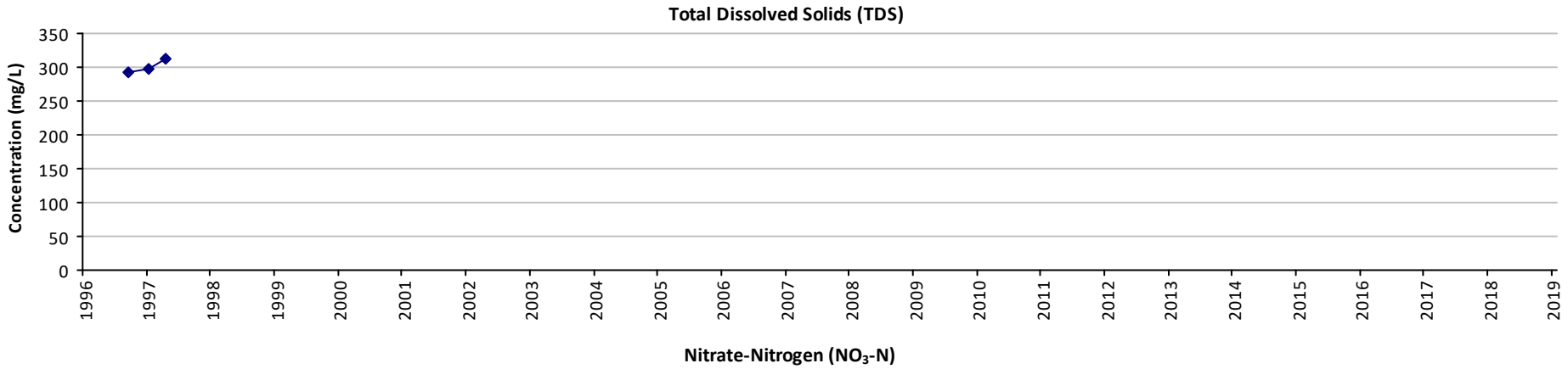
Value closest to Oct. 15, 2018 (GWE only)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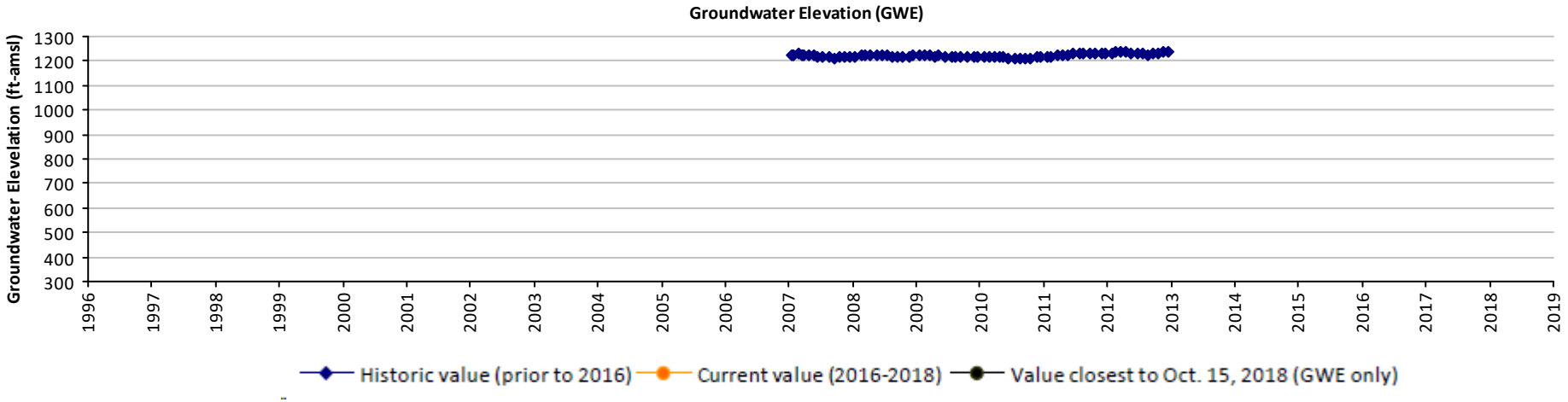
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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Historic value (prior to 2016)
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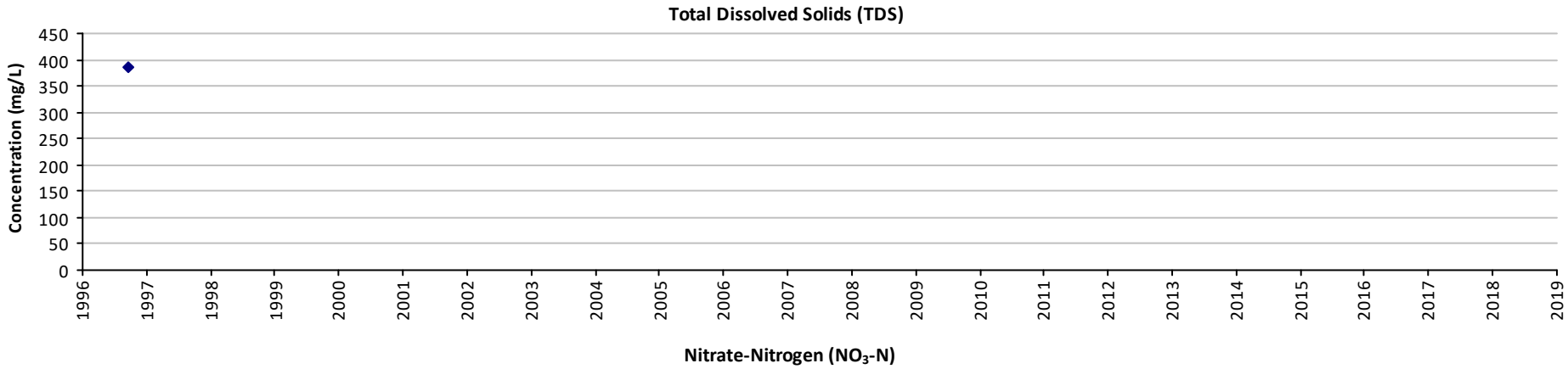
Value closest to Oct. 15, 2018 (GWE only)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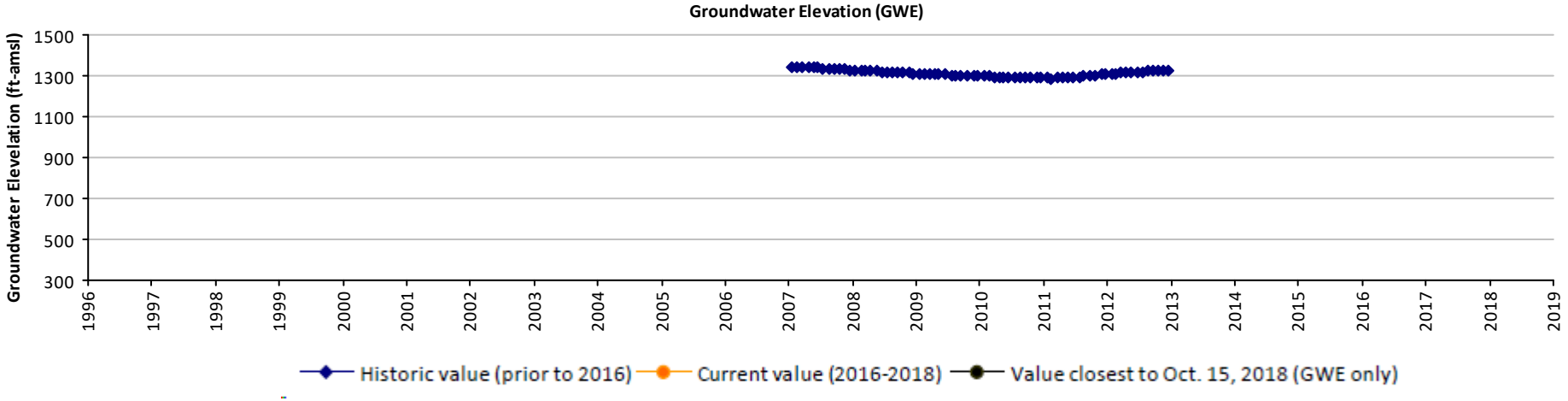
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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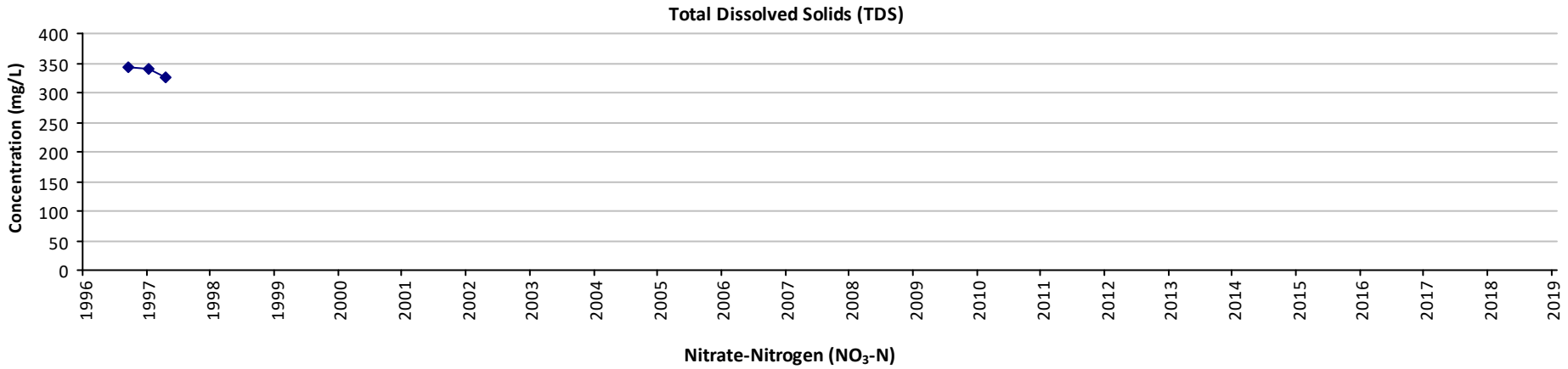
Value closest to Oct. 15, 2018 (GWE only)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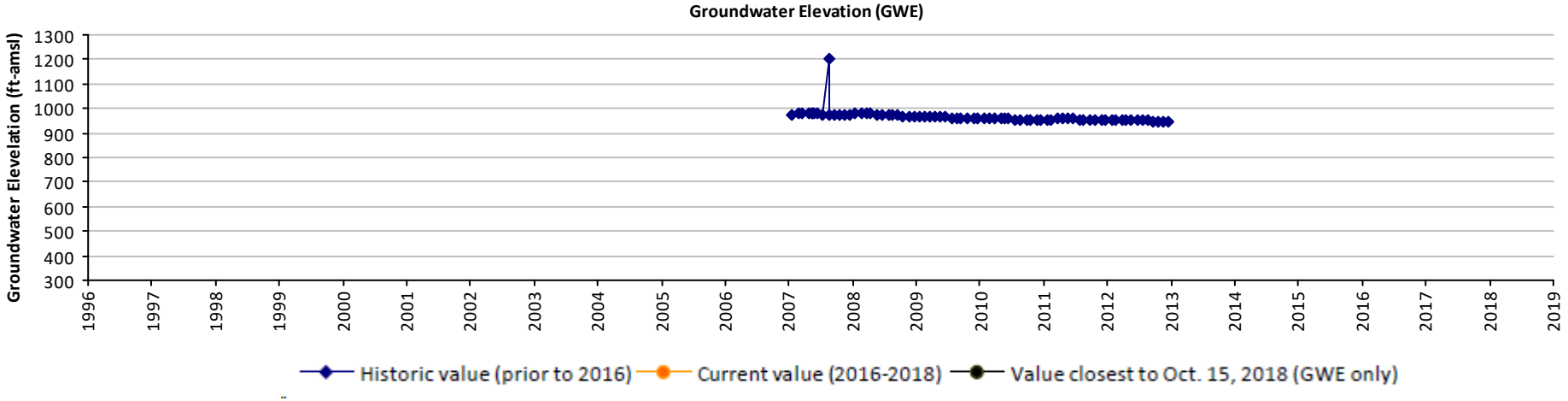
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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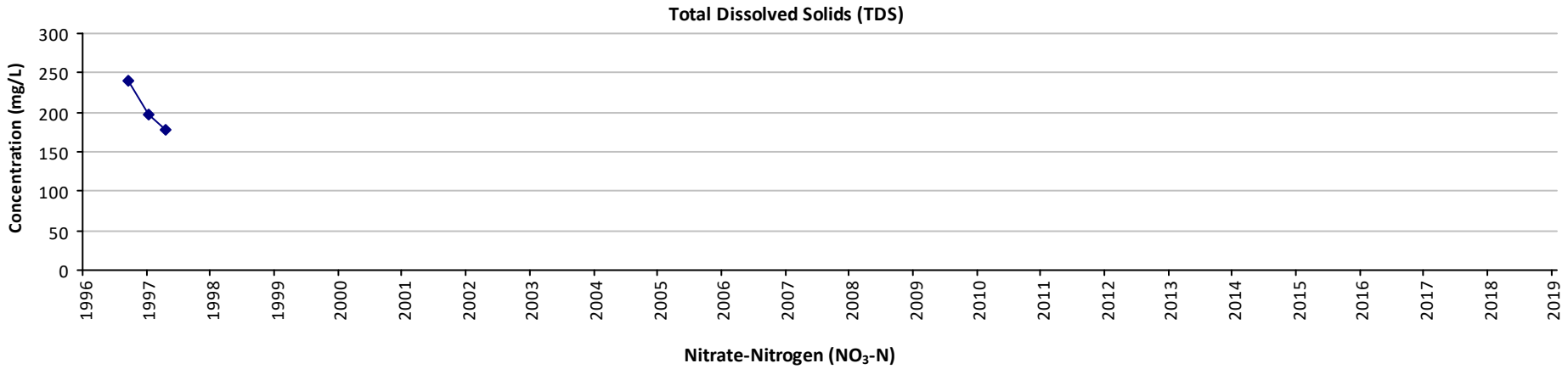
Value closest to Oct. 15, 2018 (GWE only)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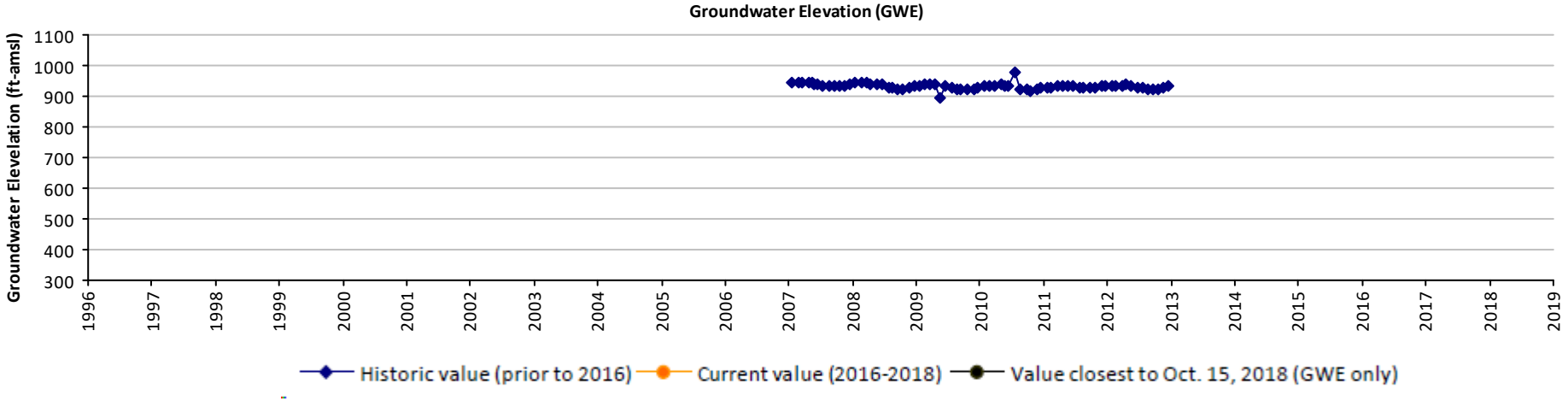
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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Historic value (prior to 2016)
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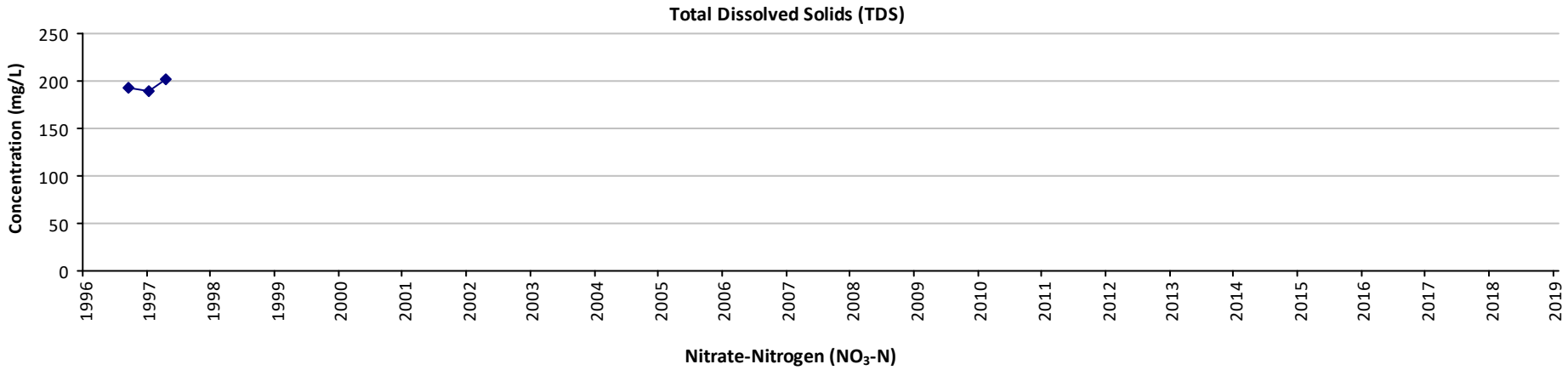
Value closest to Oct. 15, 2018 (GWE only)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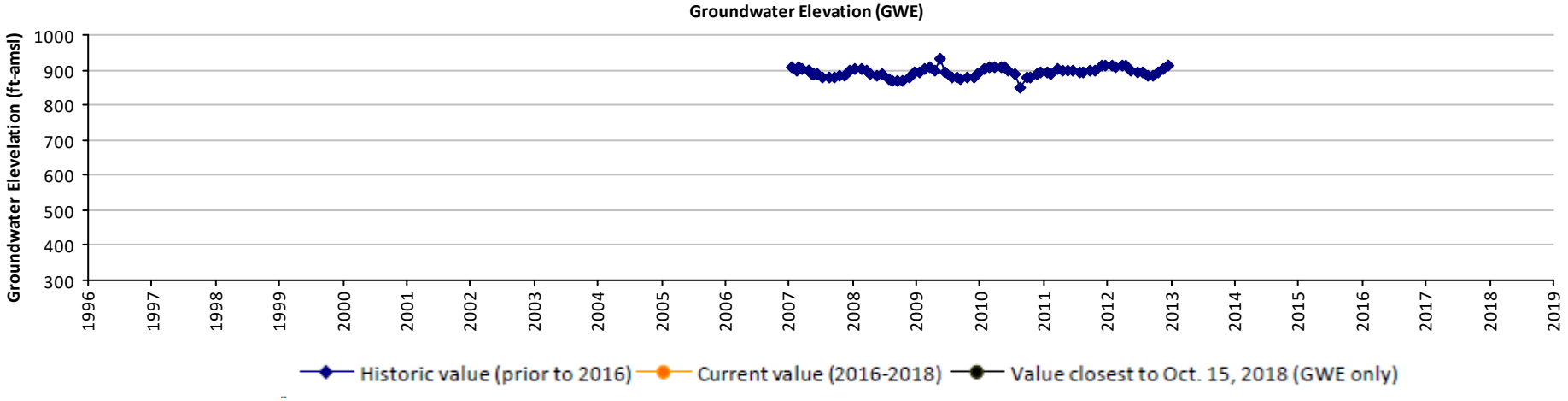
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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Historic value (prior to 2016)
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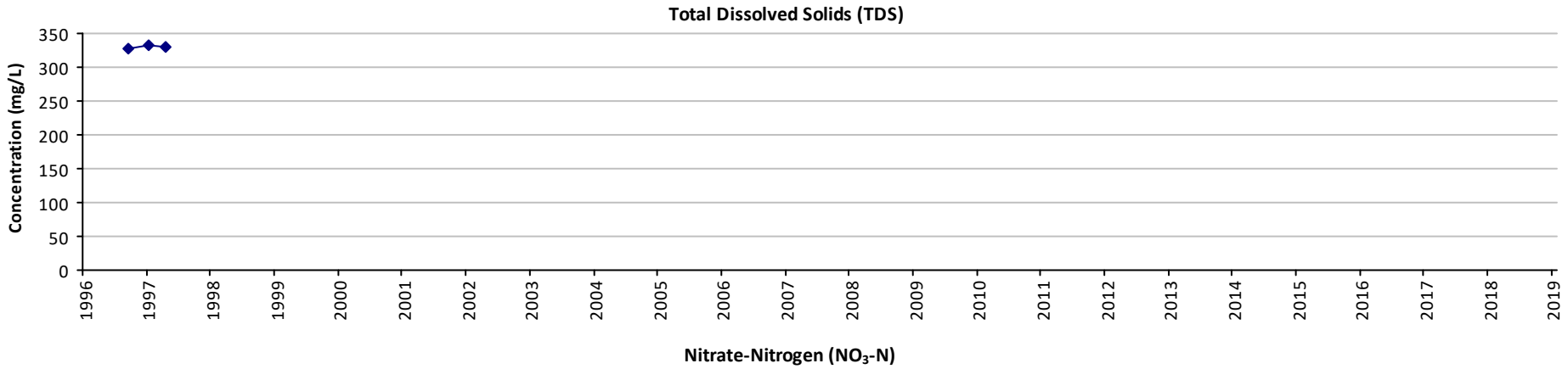
Total Dissolved Solids (TDS)
Concentration (mg/L)
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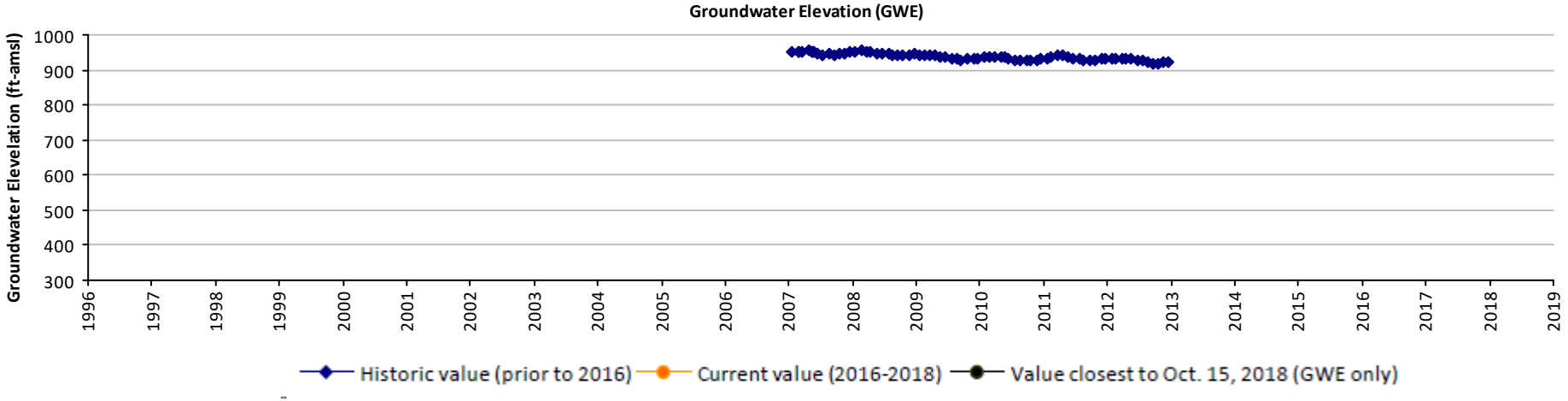
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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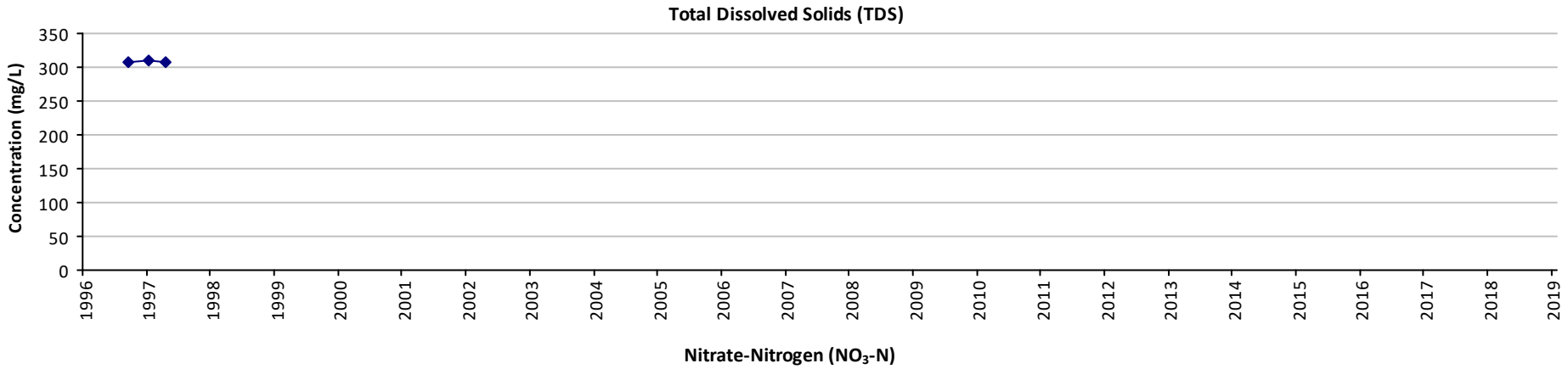
Total Dissolved Solids (TDS)
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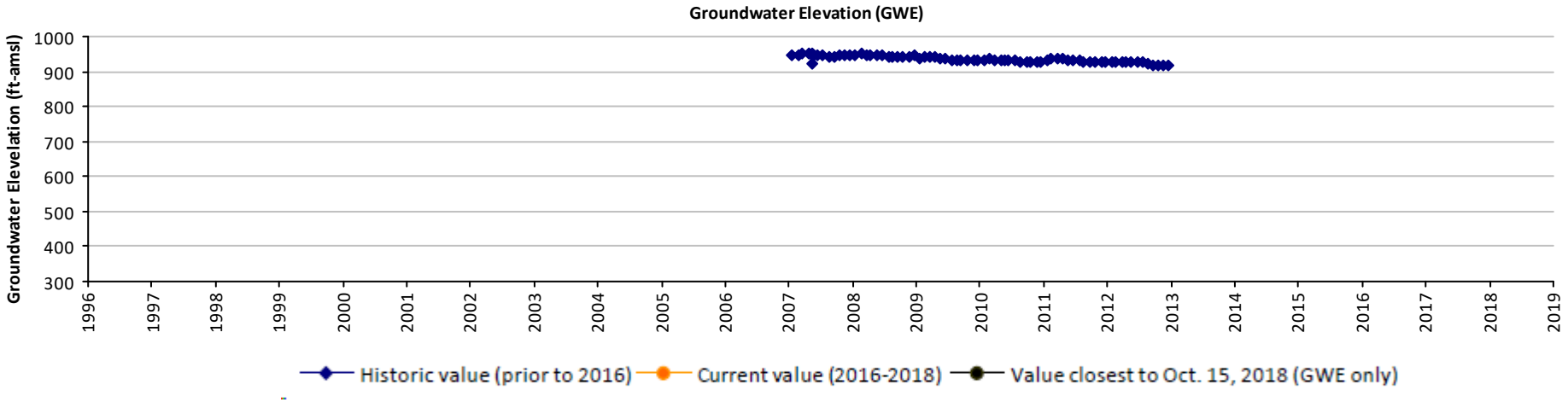
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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Historic value (prior to 2016)
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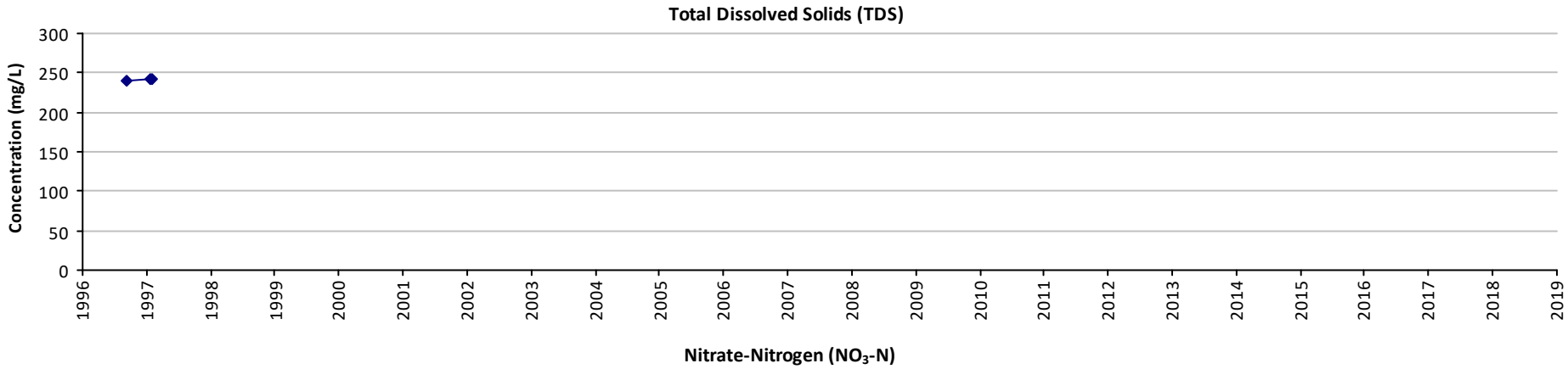
Total Dissolved Solids (TDS)
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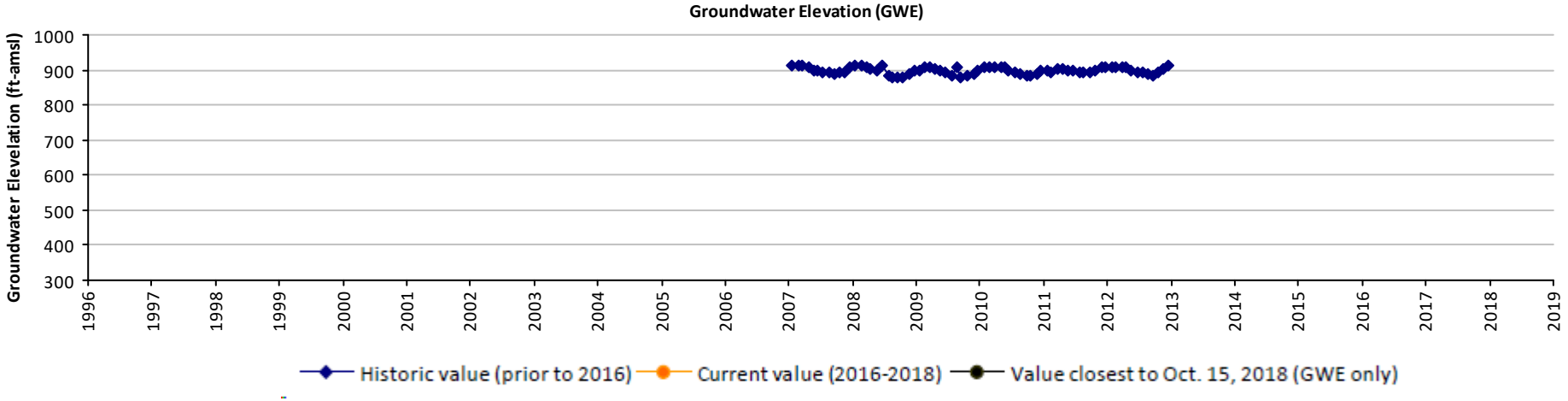
Groundwater Elevation (GWE)
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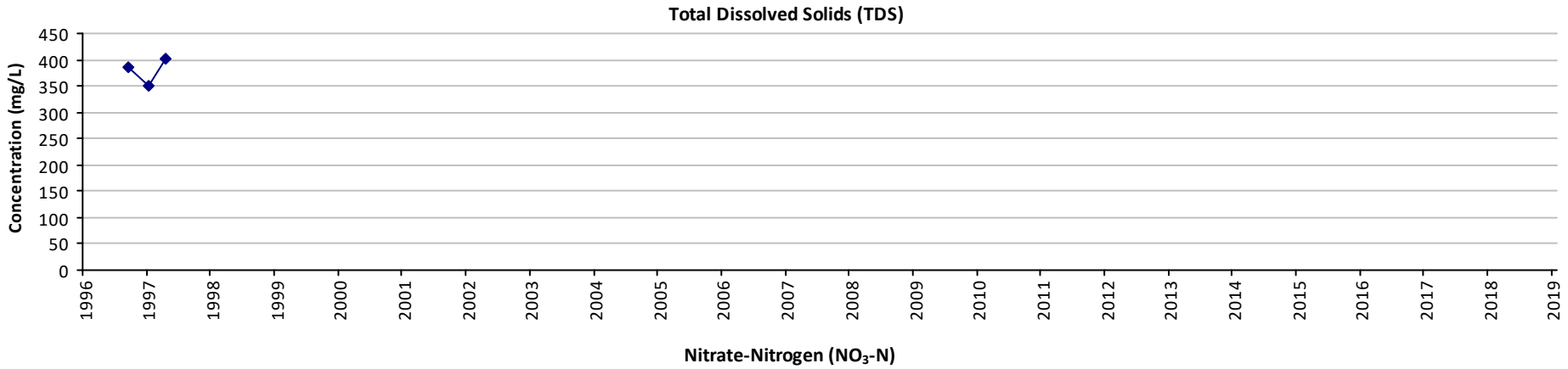
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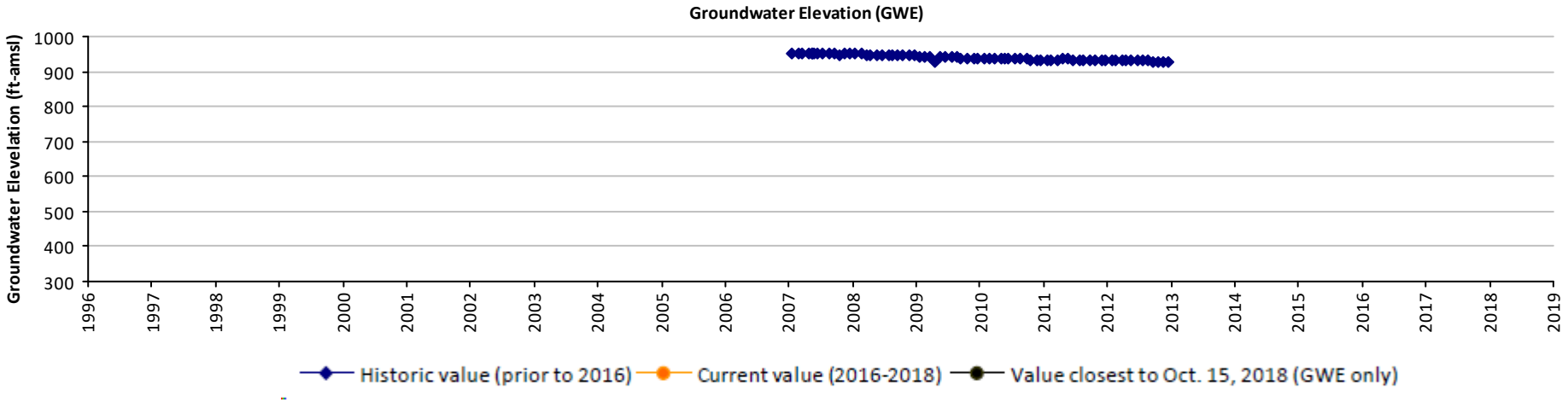
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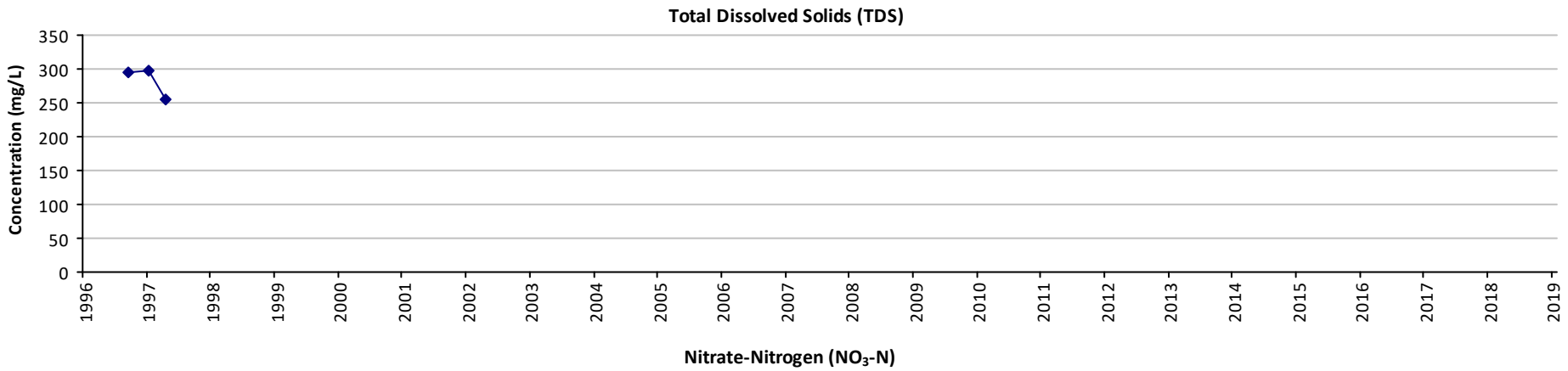
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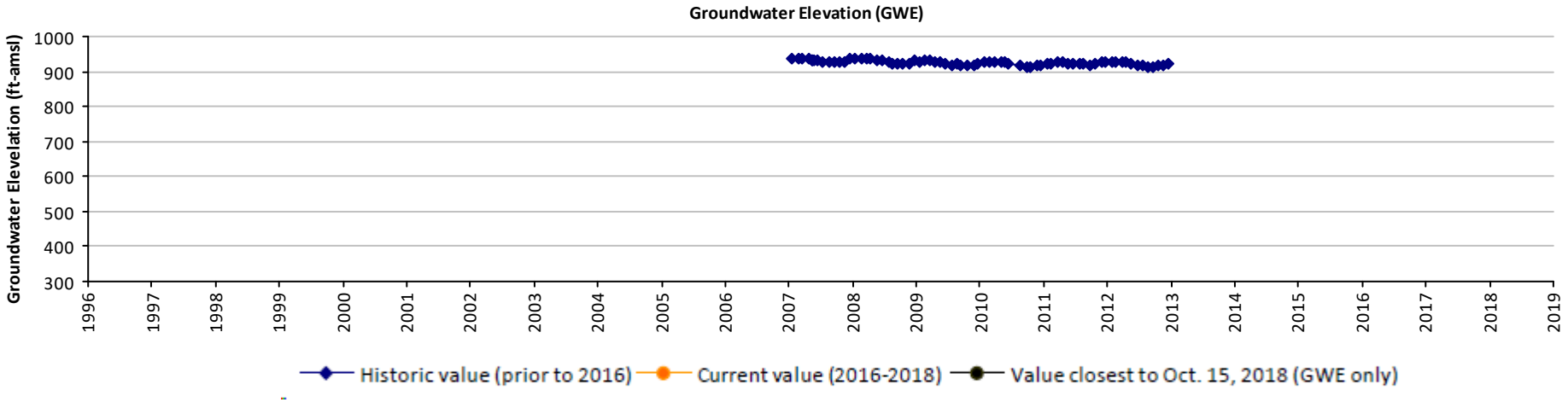
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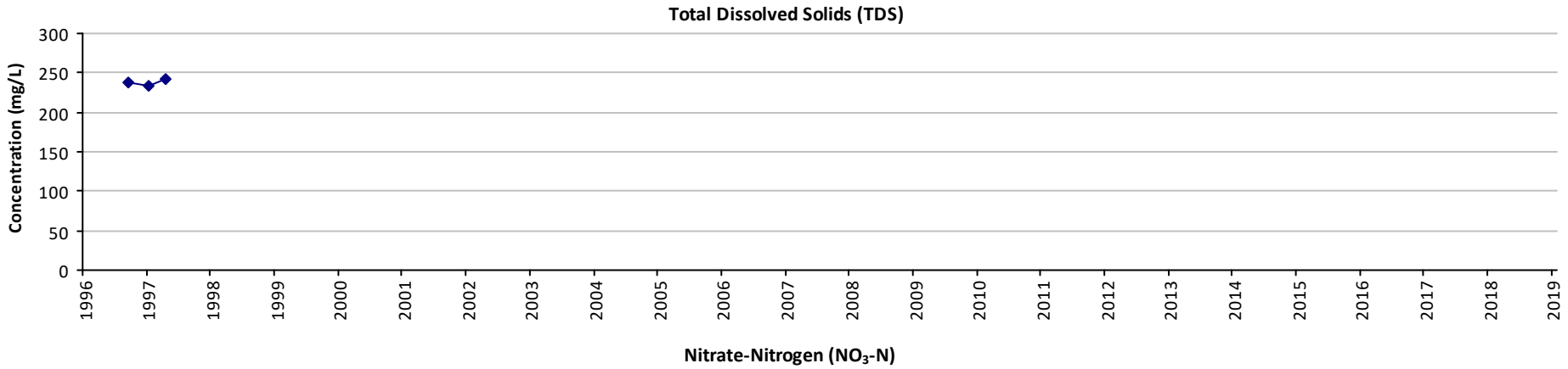
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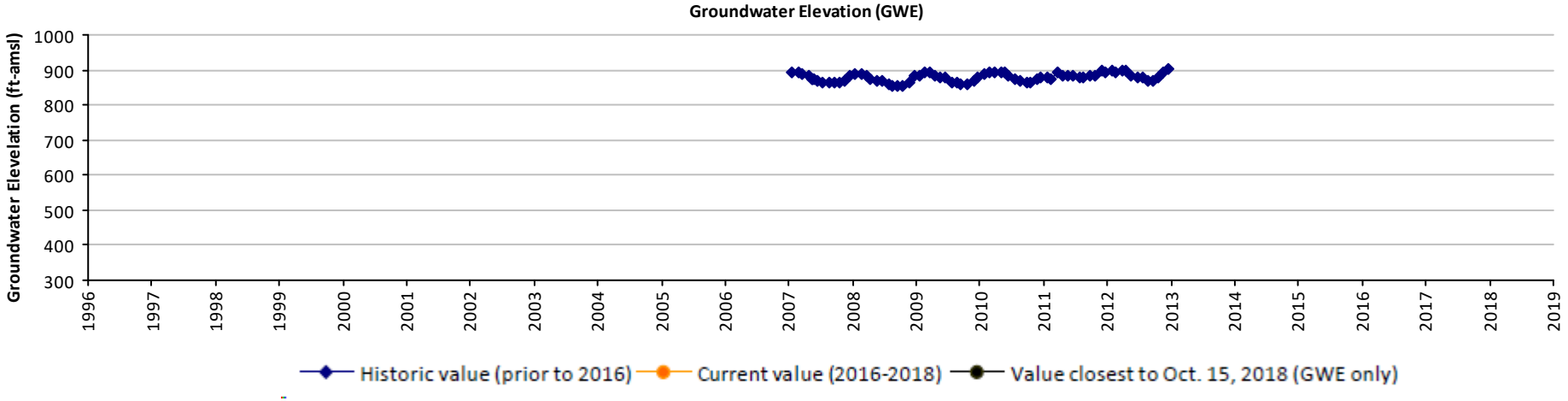
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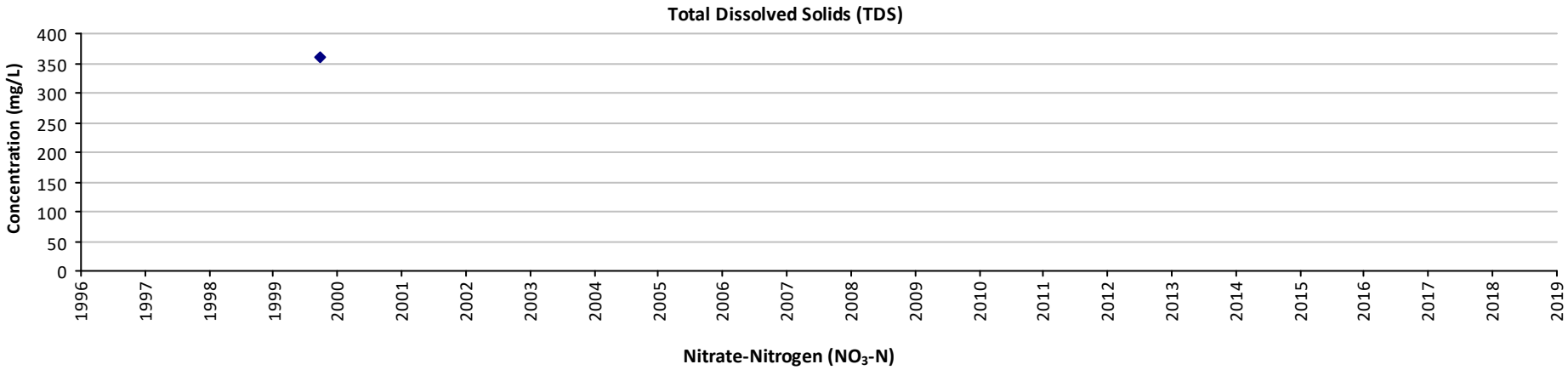
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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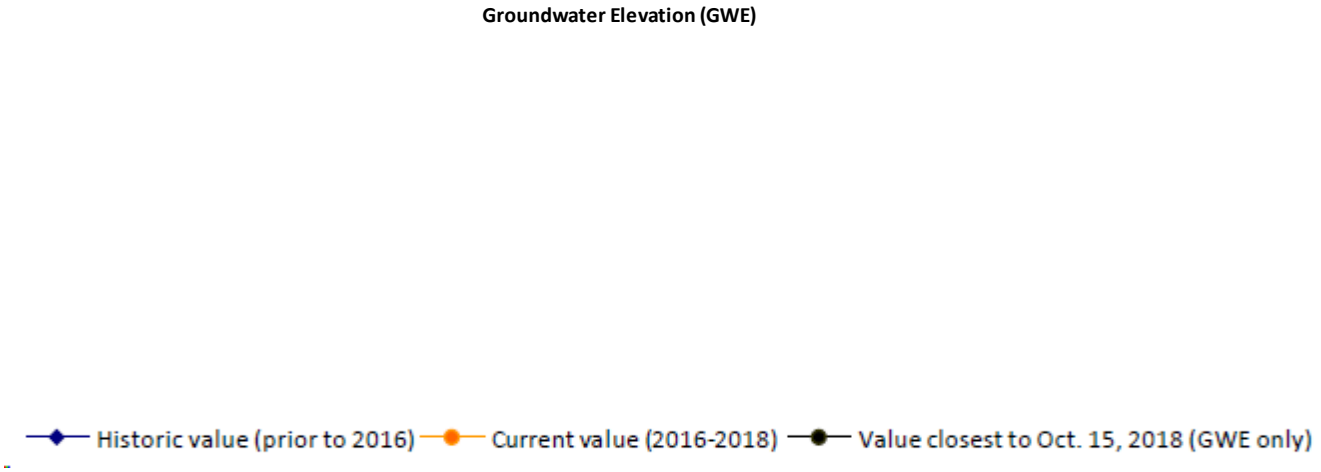
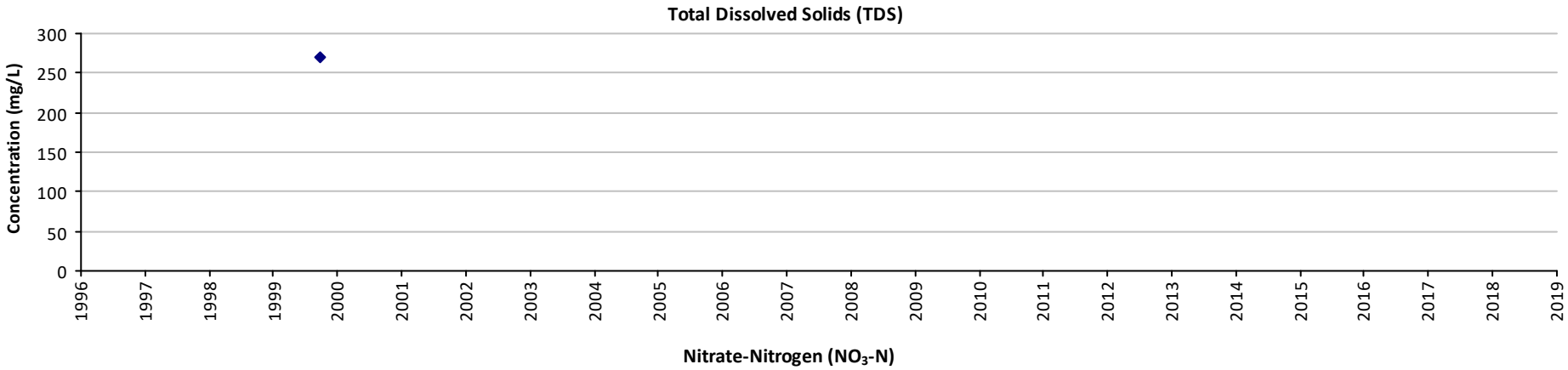
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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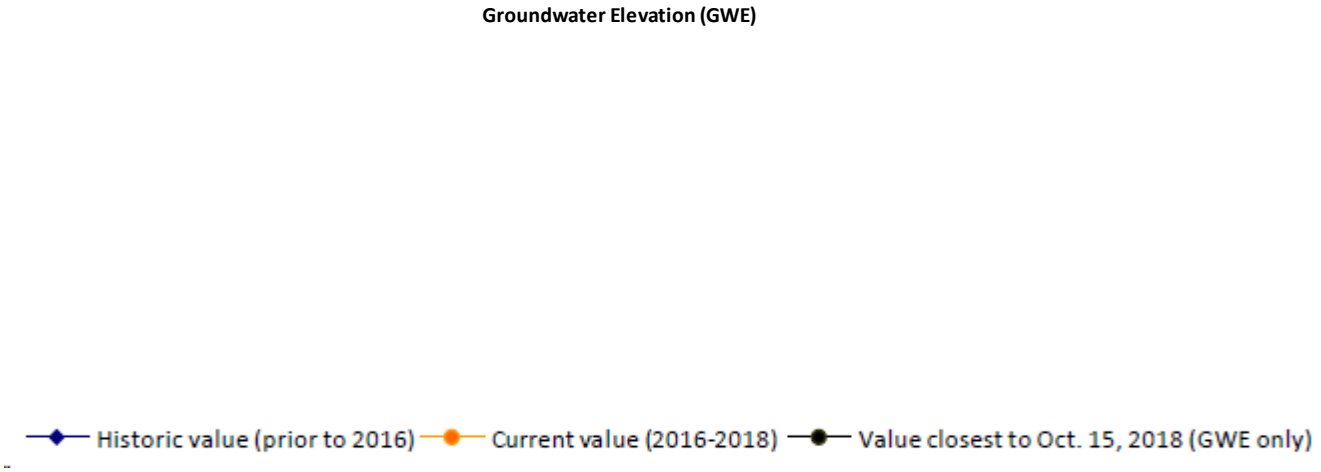
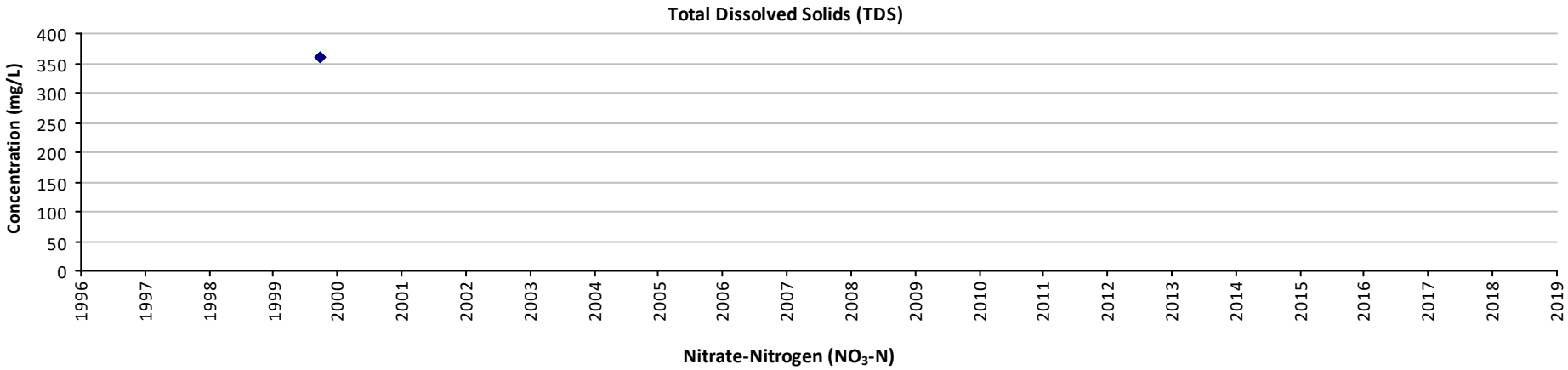
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
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2002
2003
2004
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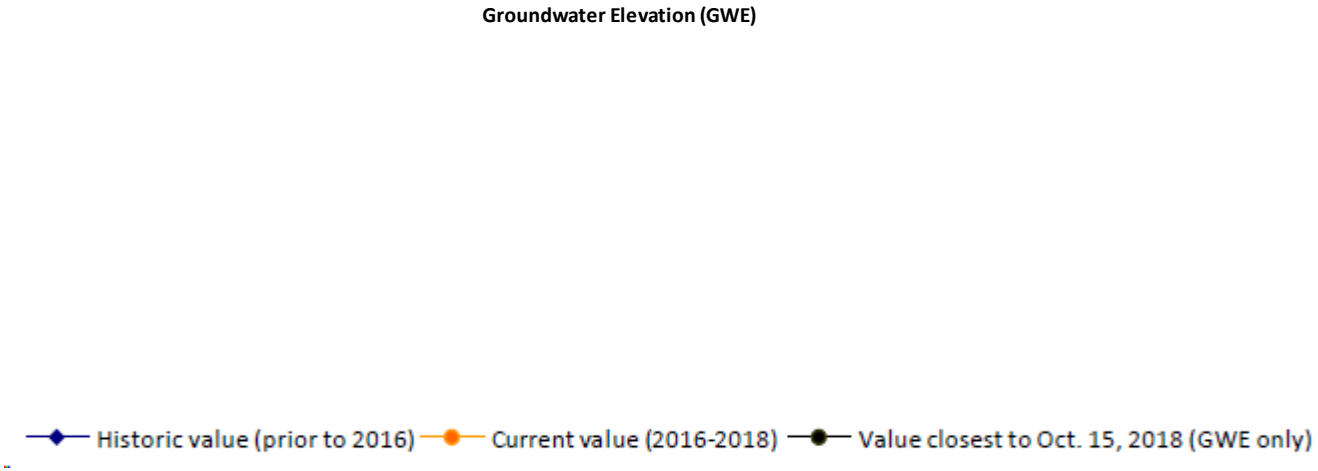
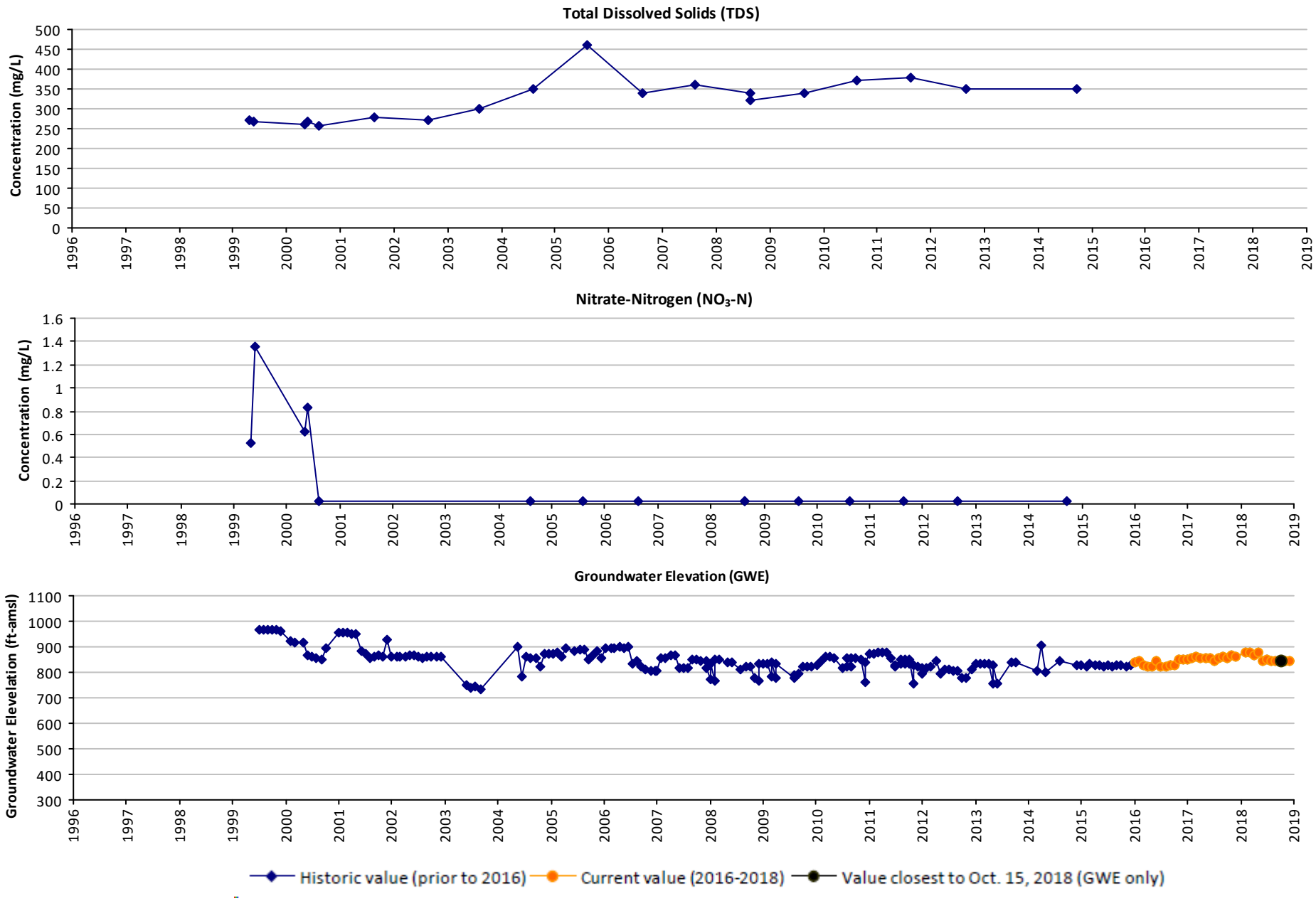
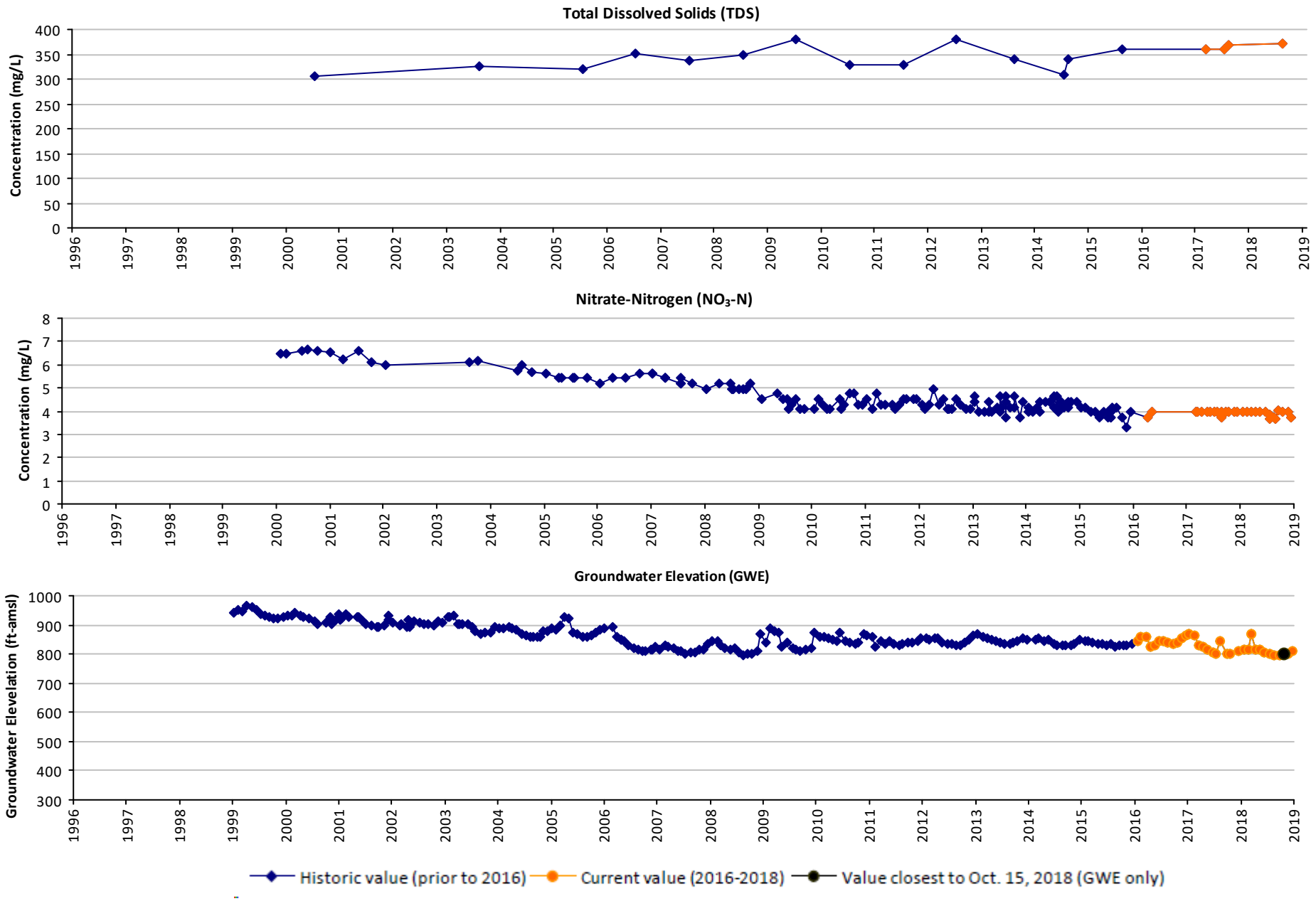
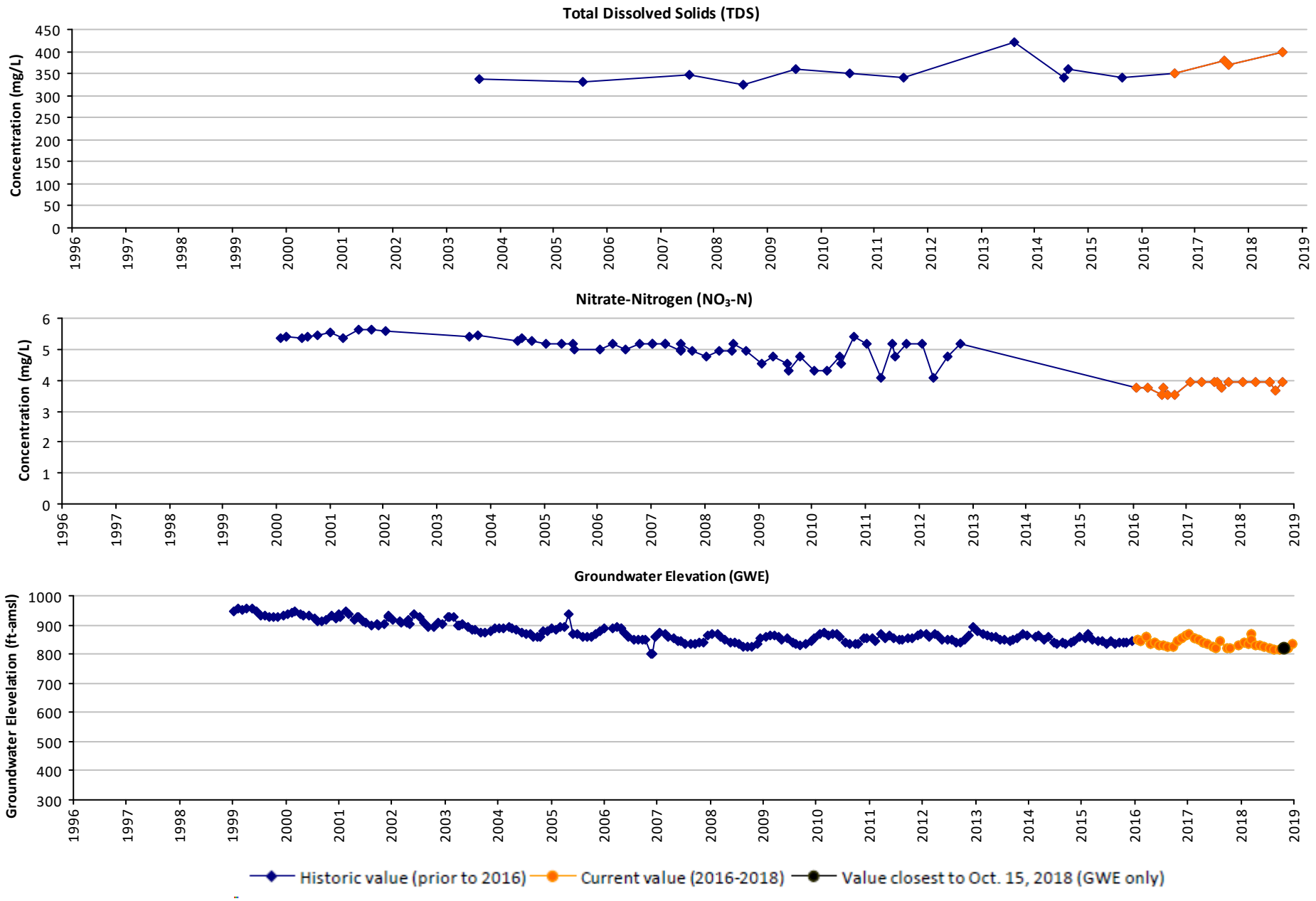
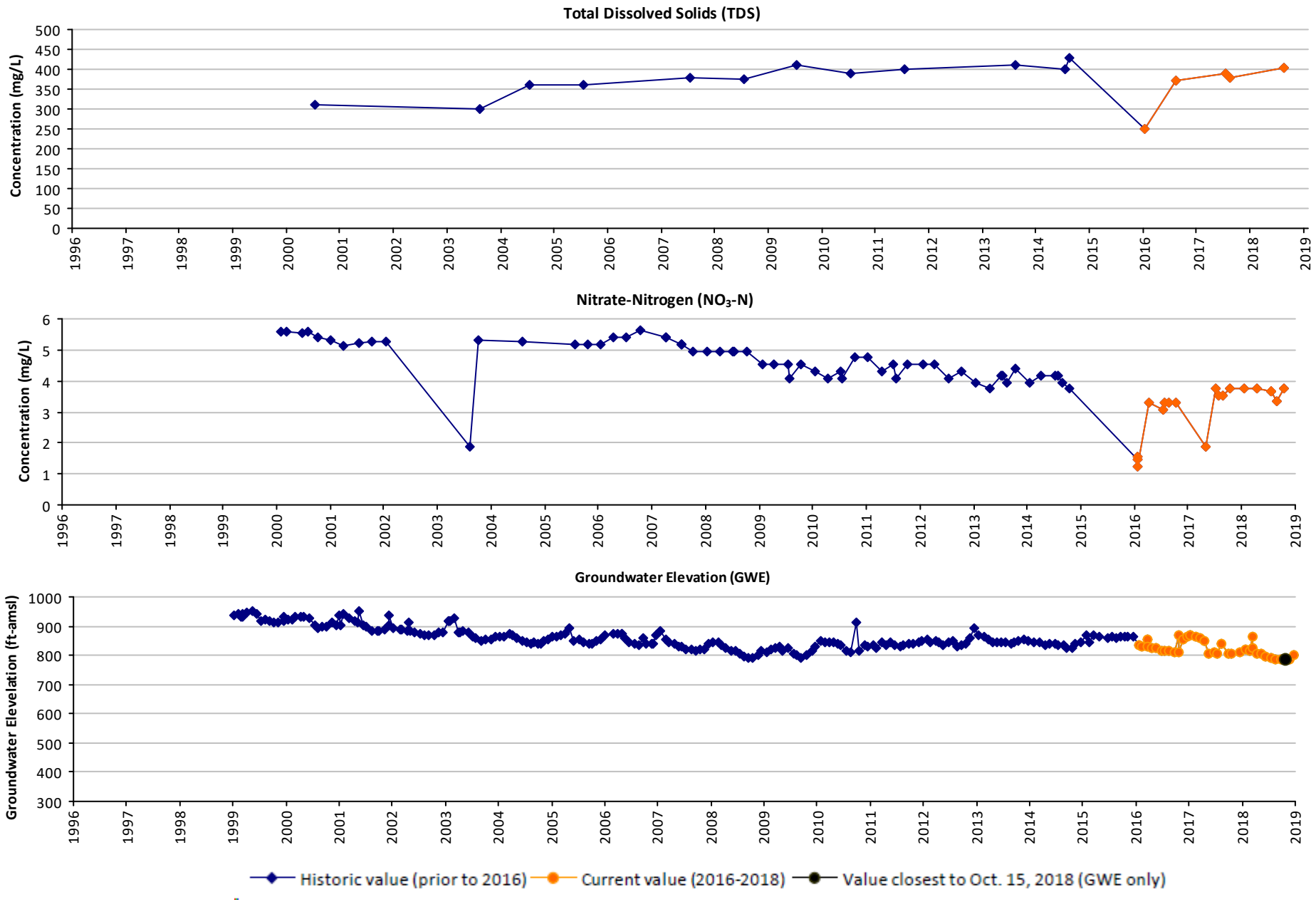
2019
Nitrate-Nitrogen (NO_3-N)

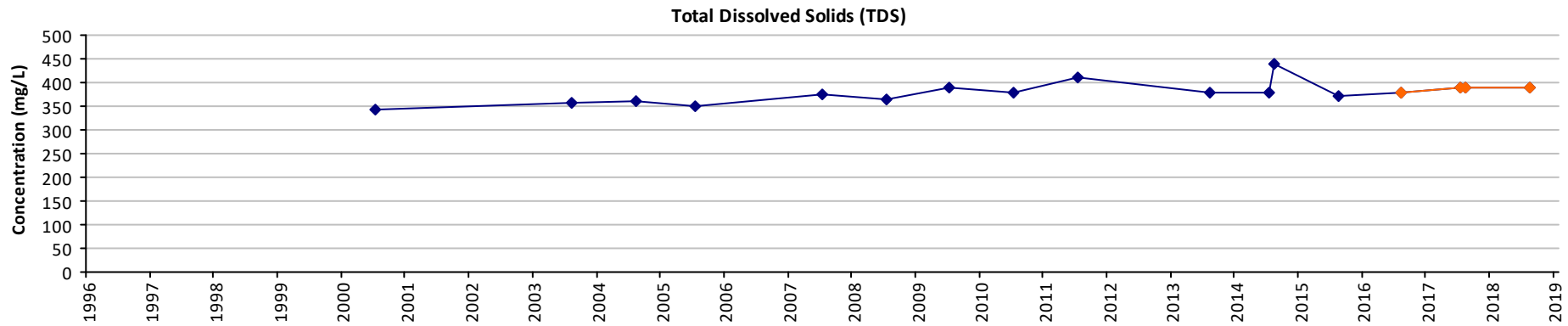

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
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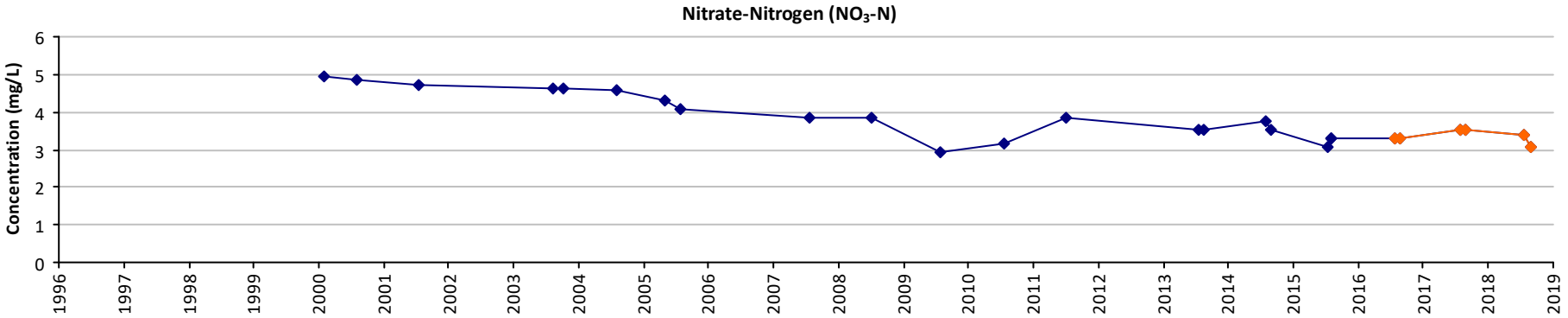
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
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2016
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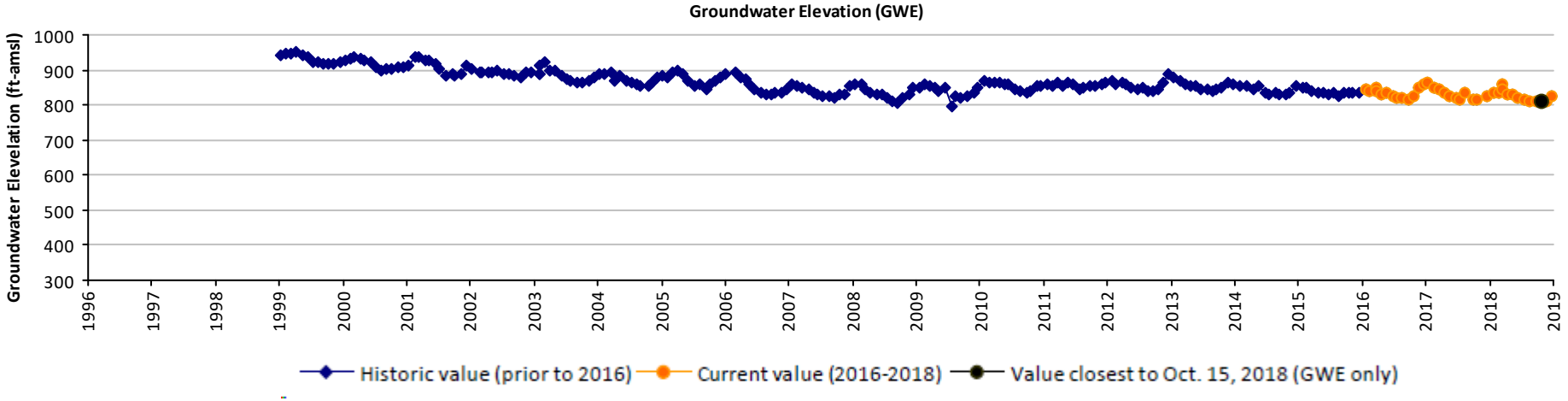
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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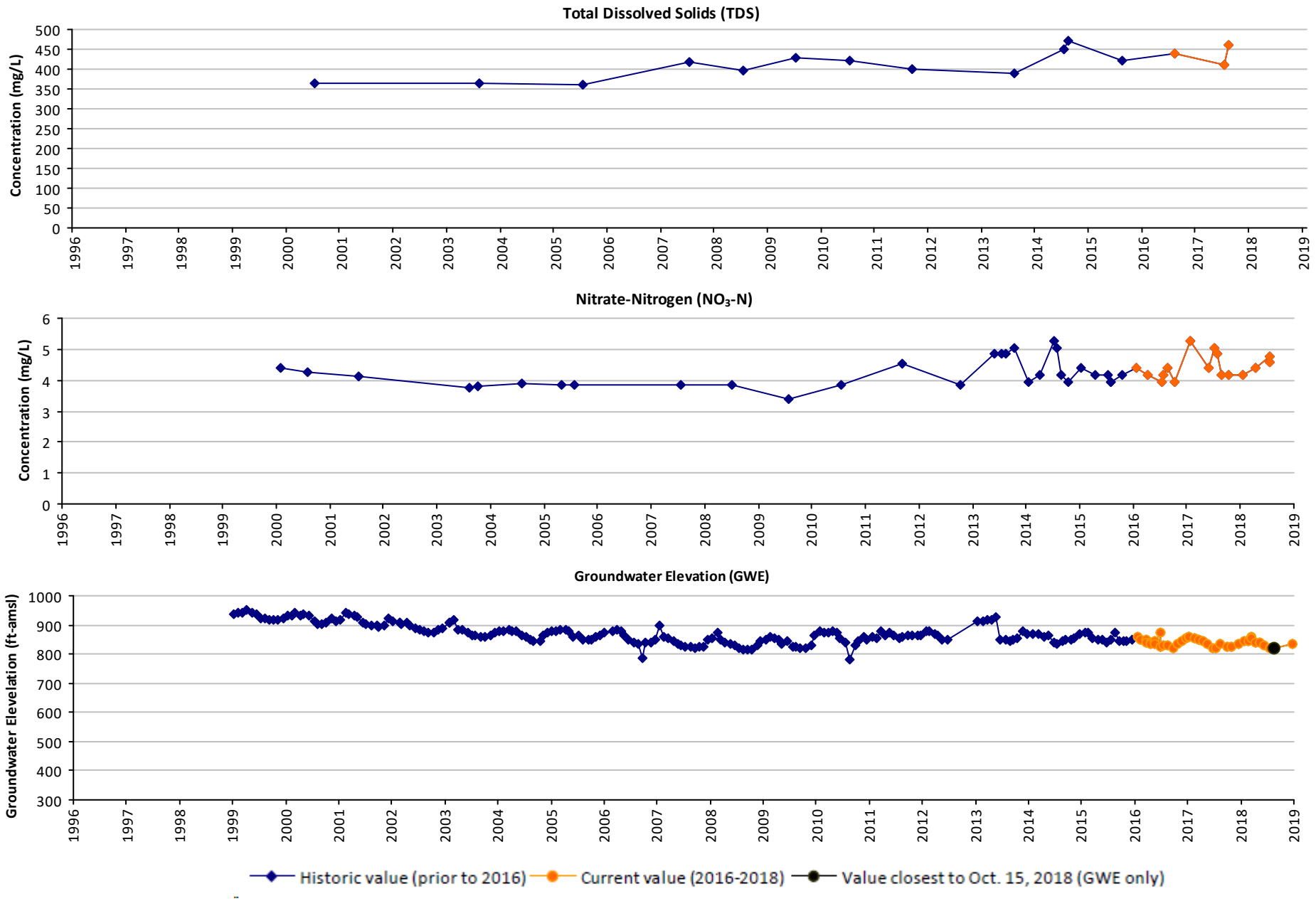
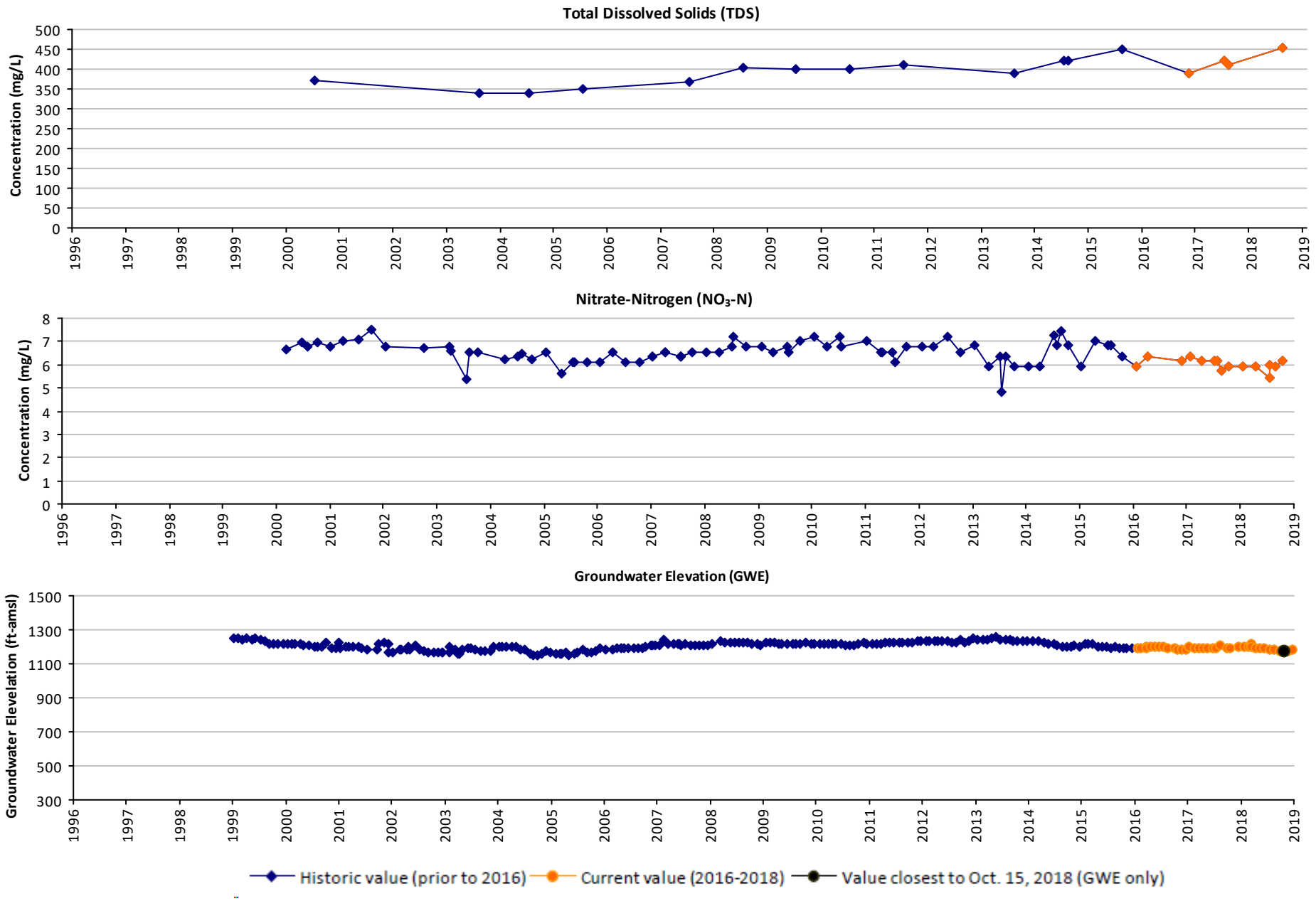
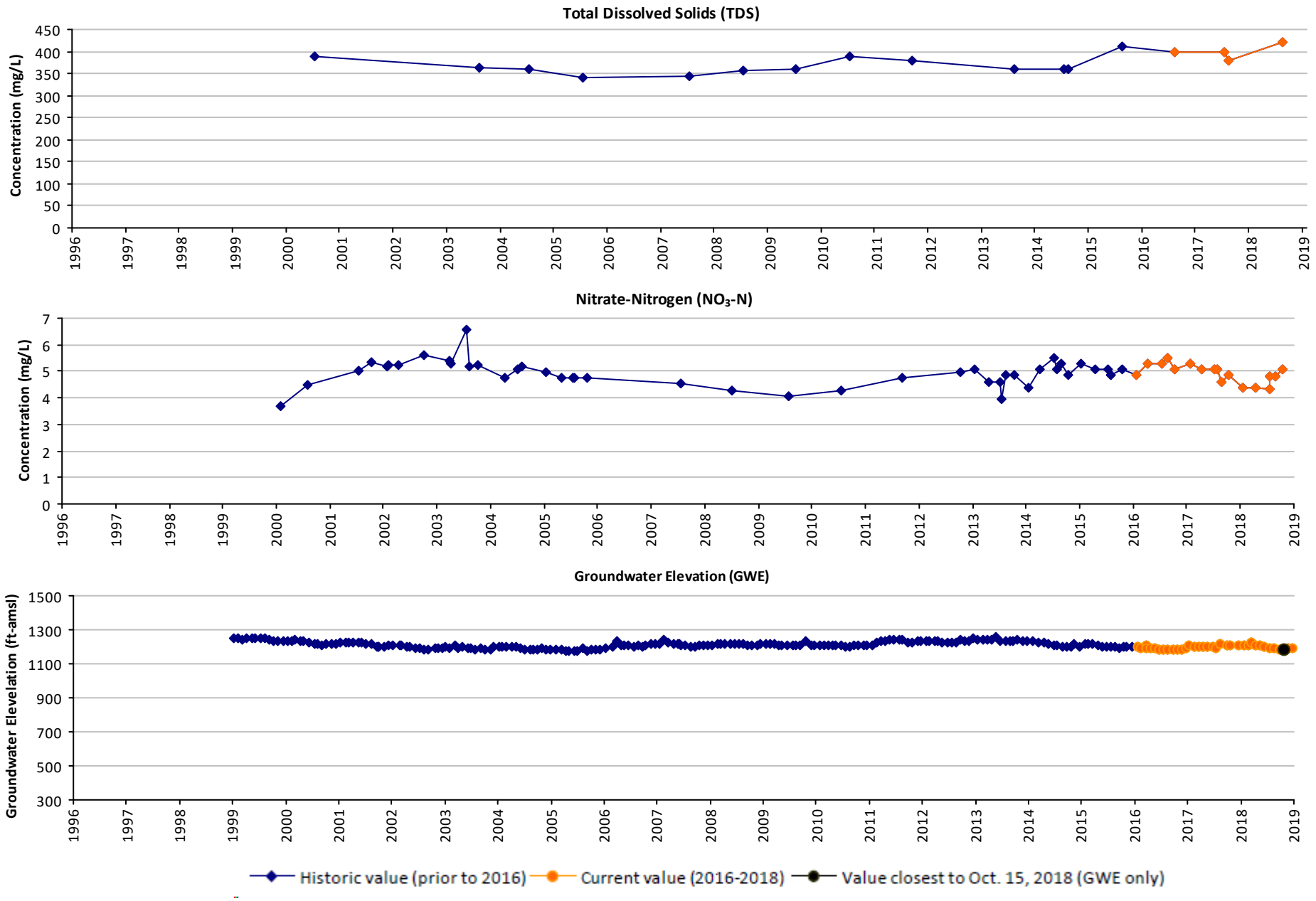
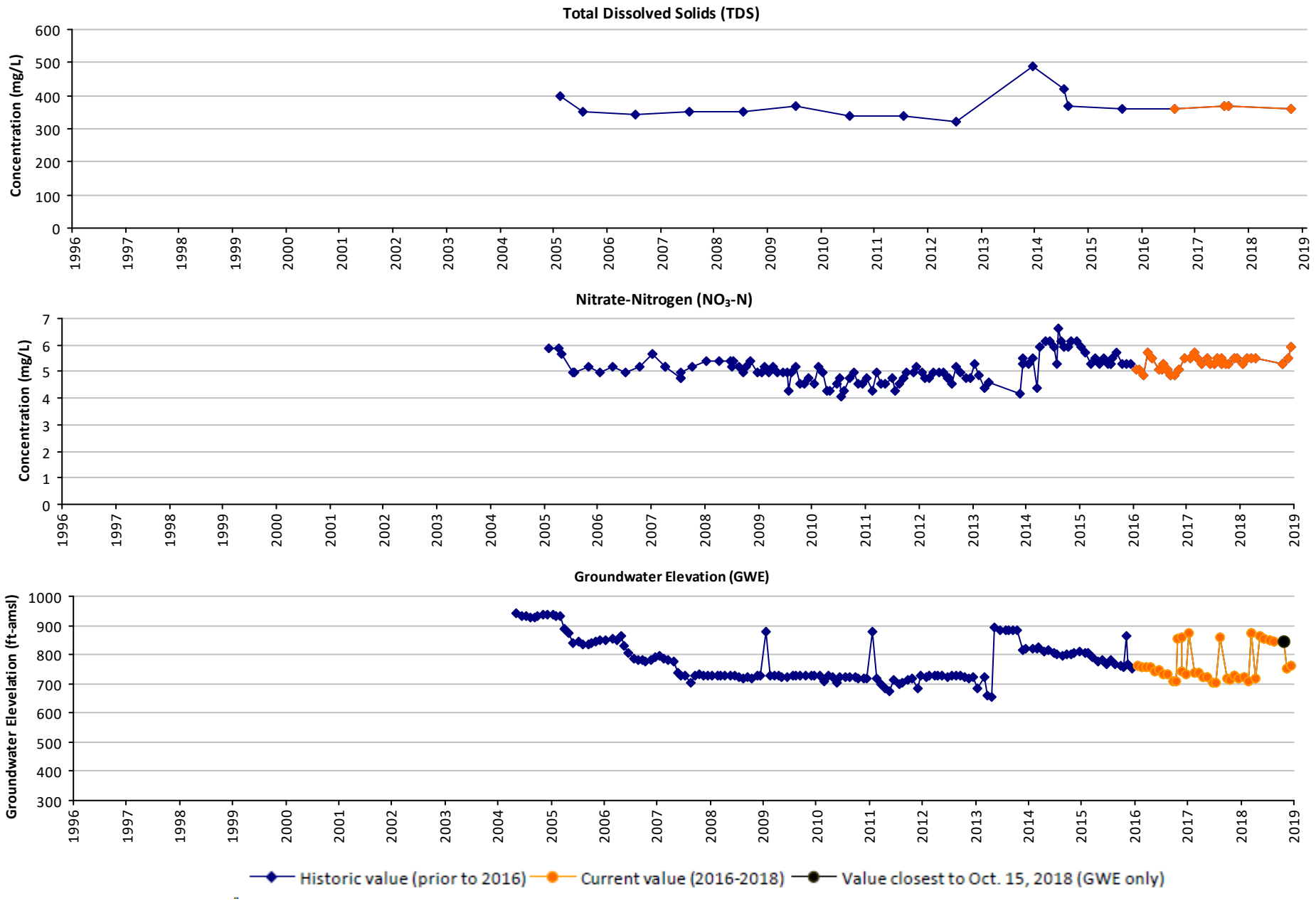
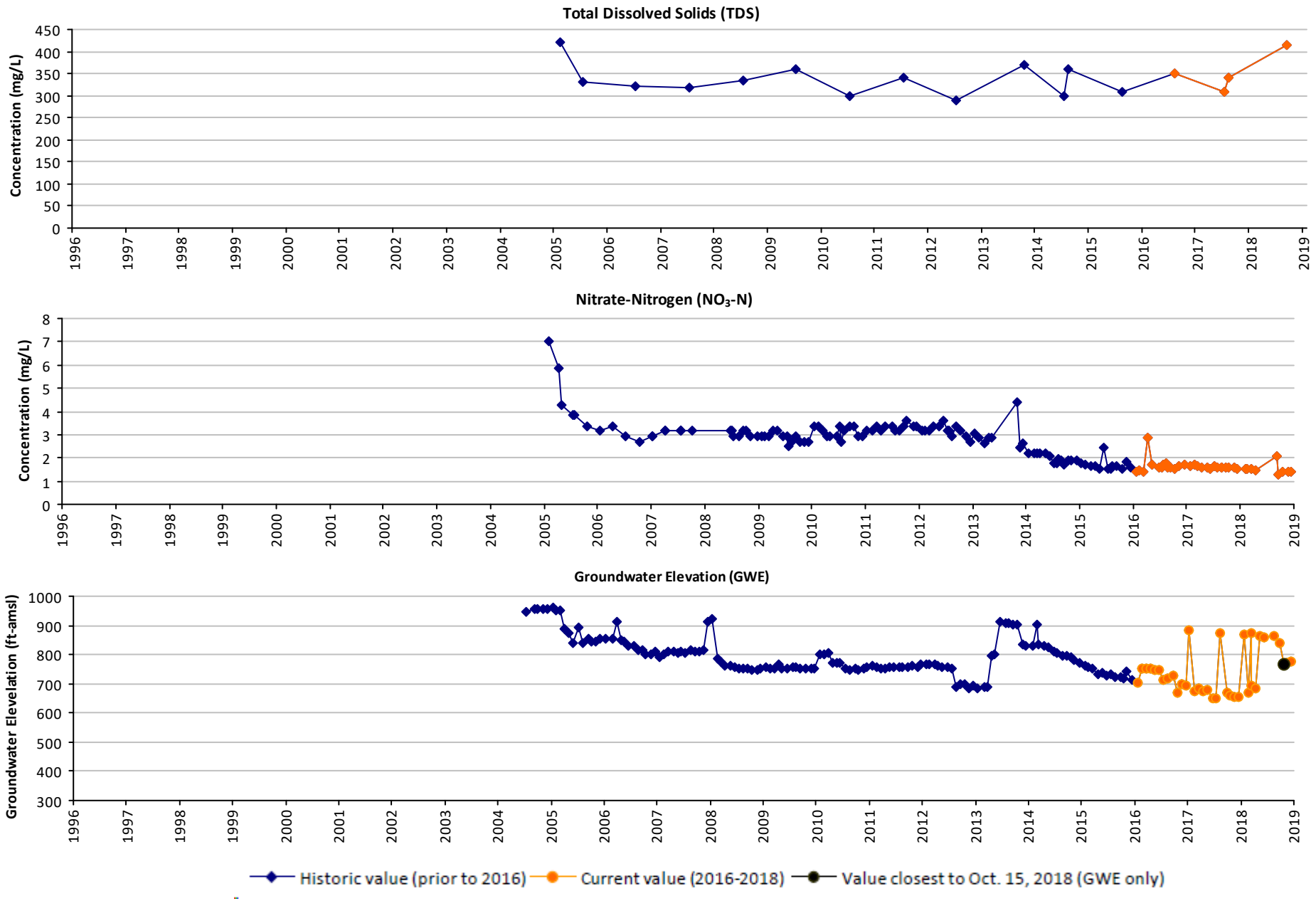
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

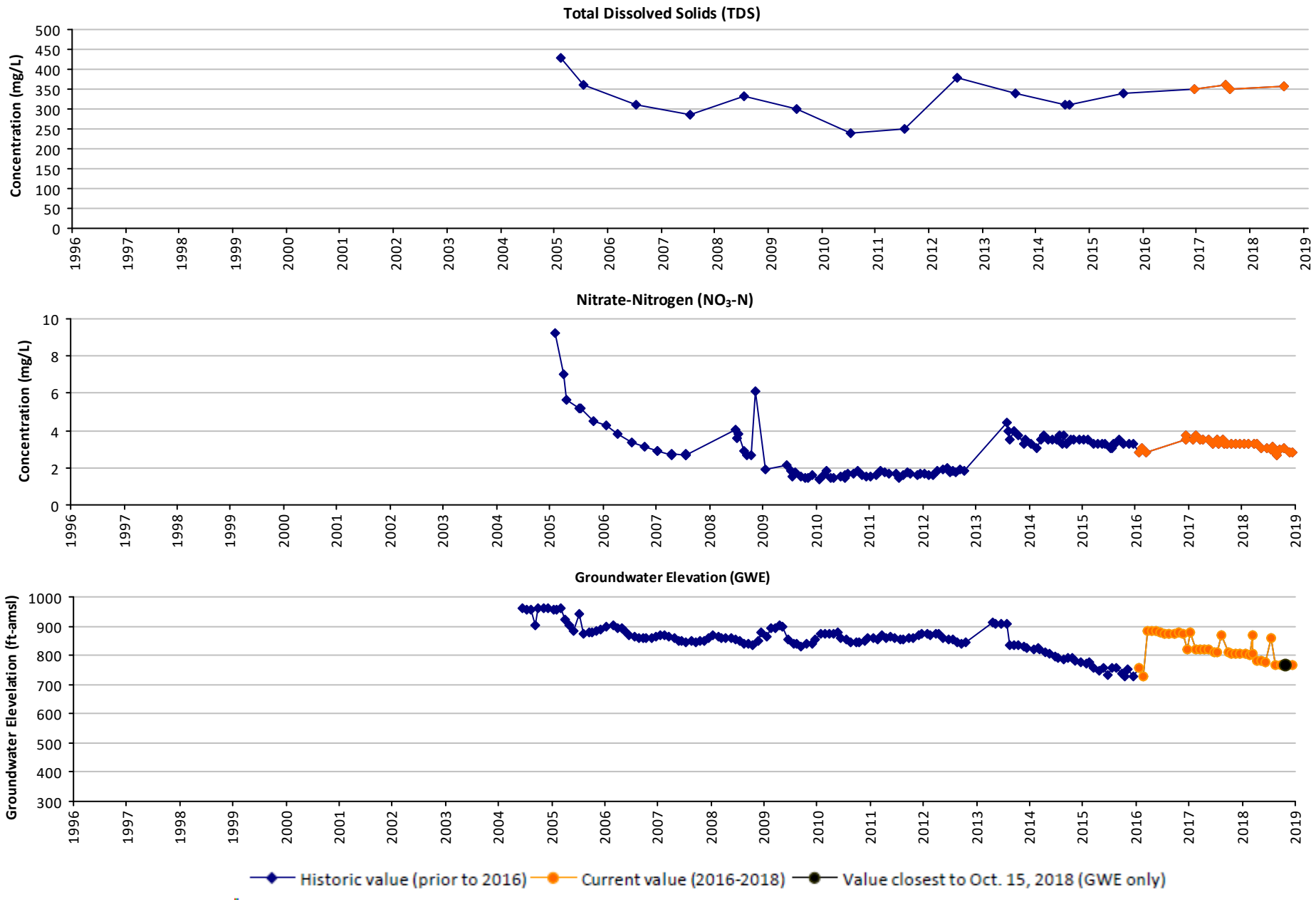

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

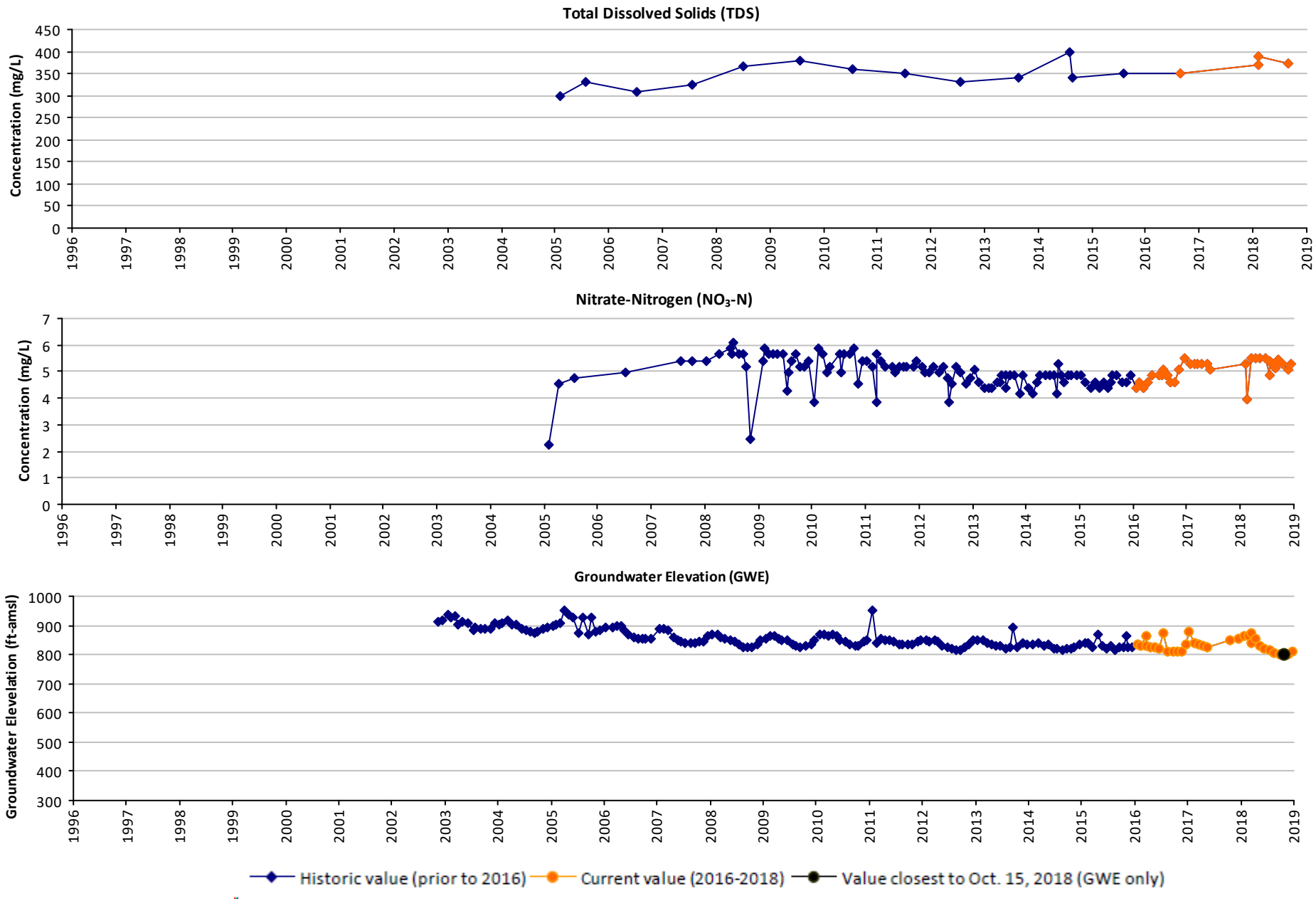

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

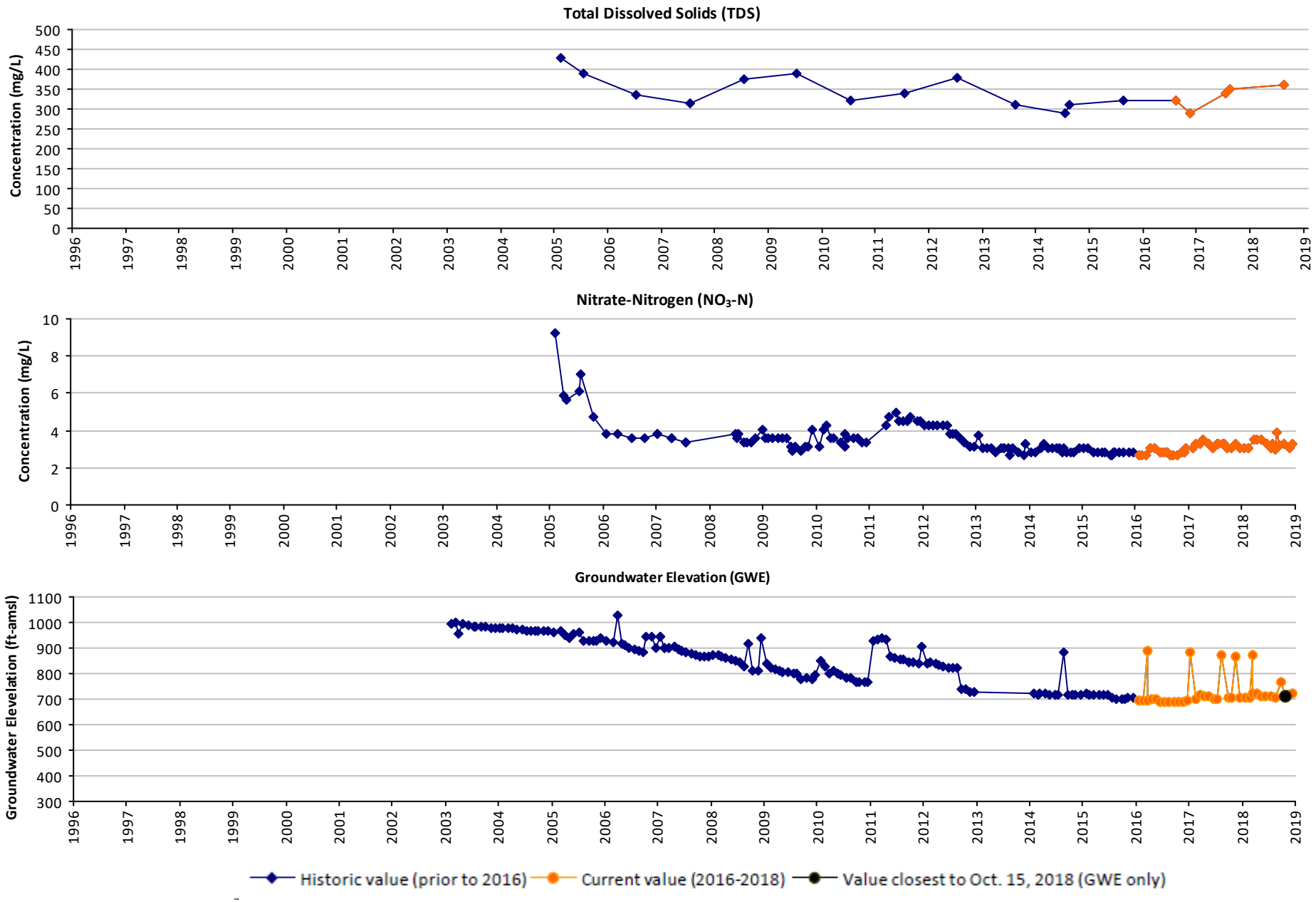

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

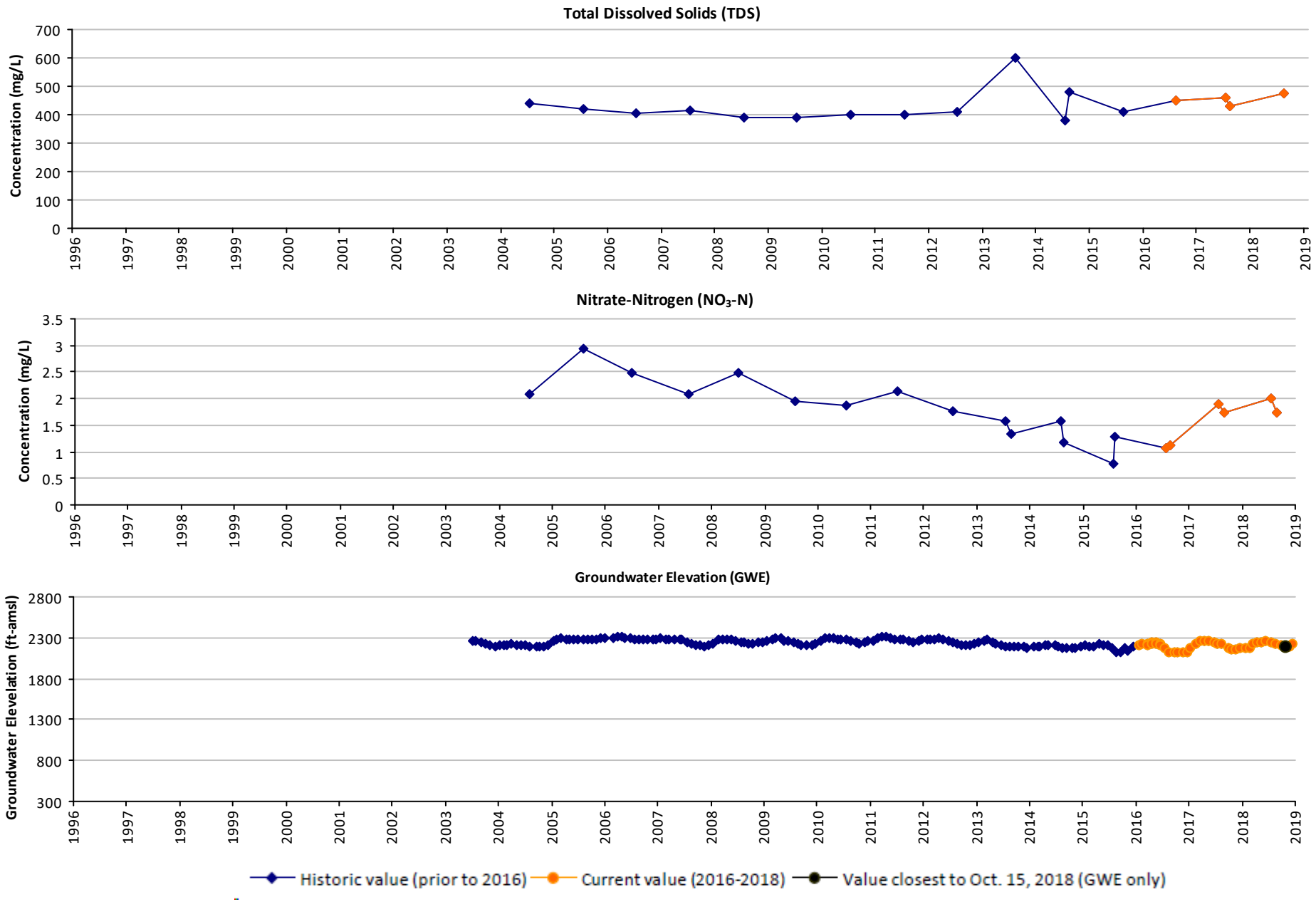

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

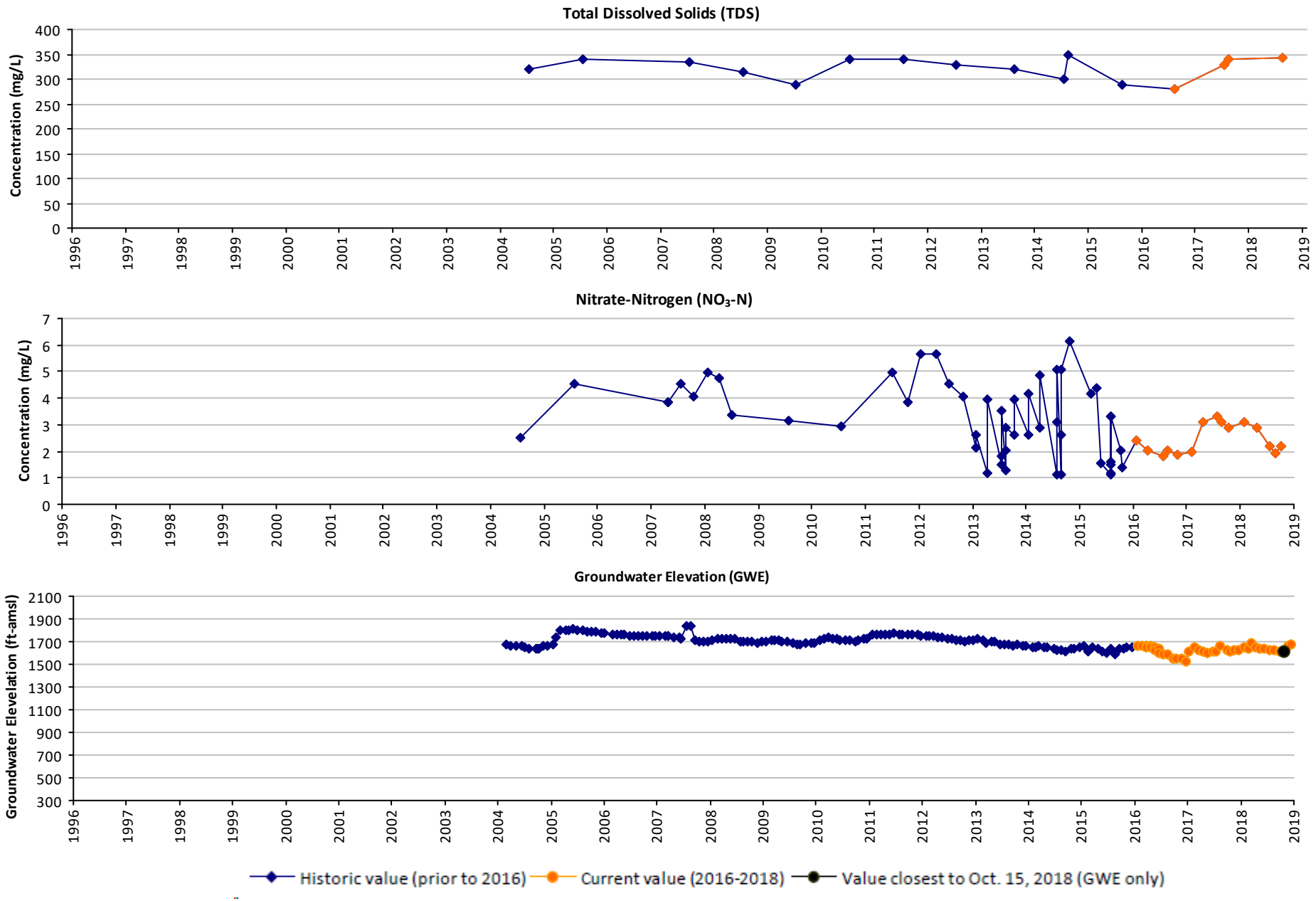

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

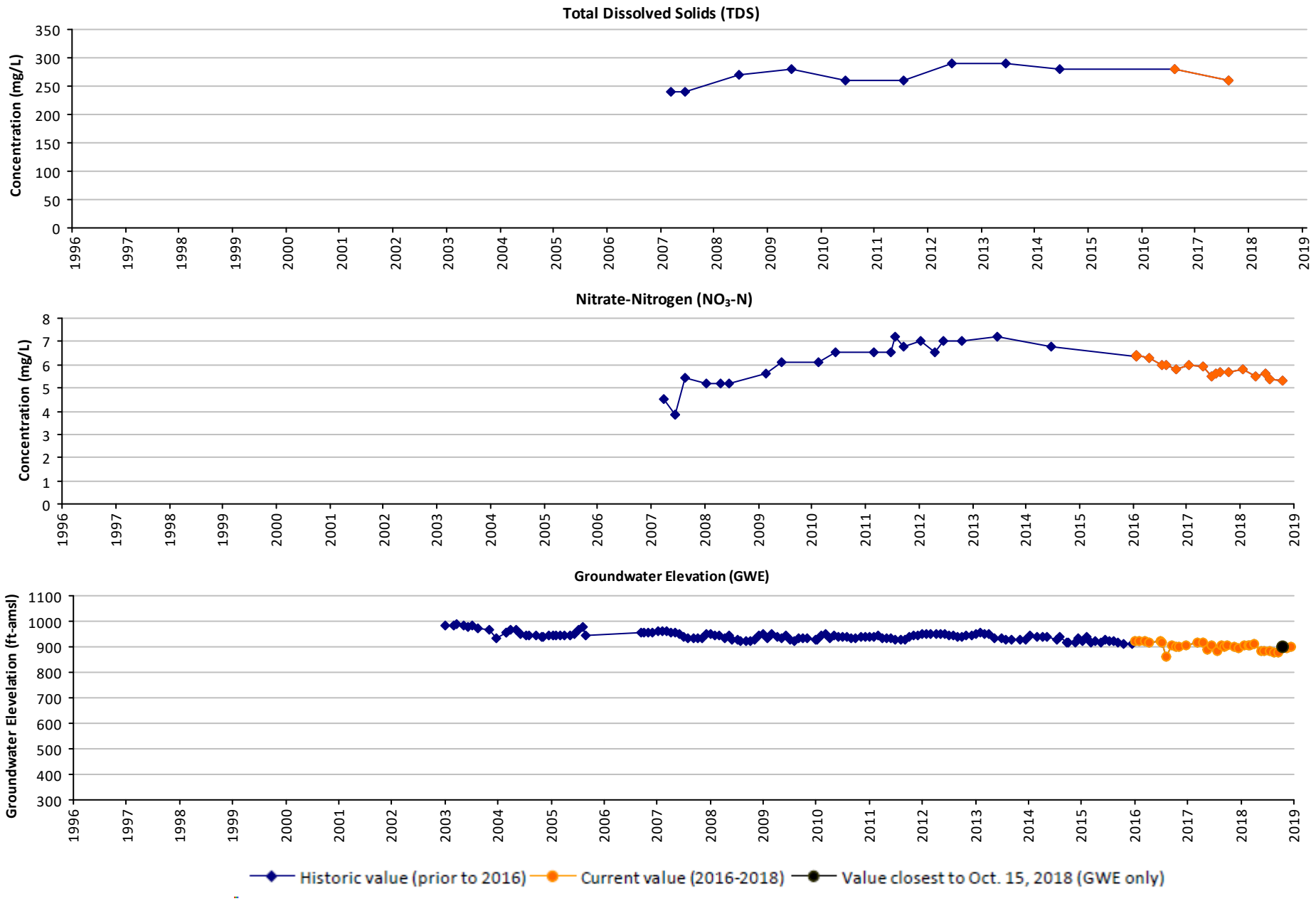

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

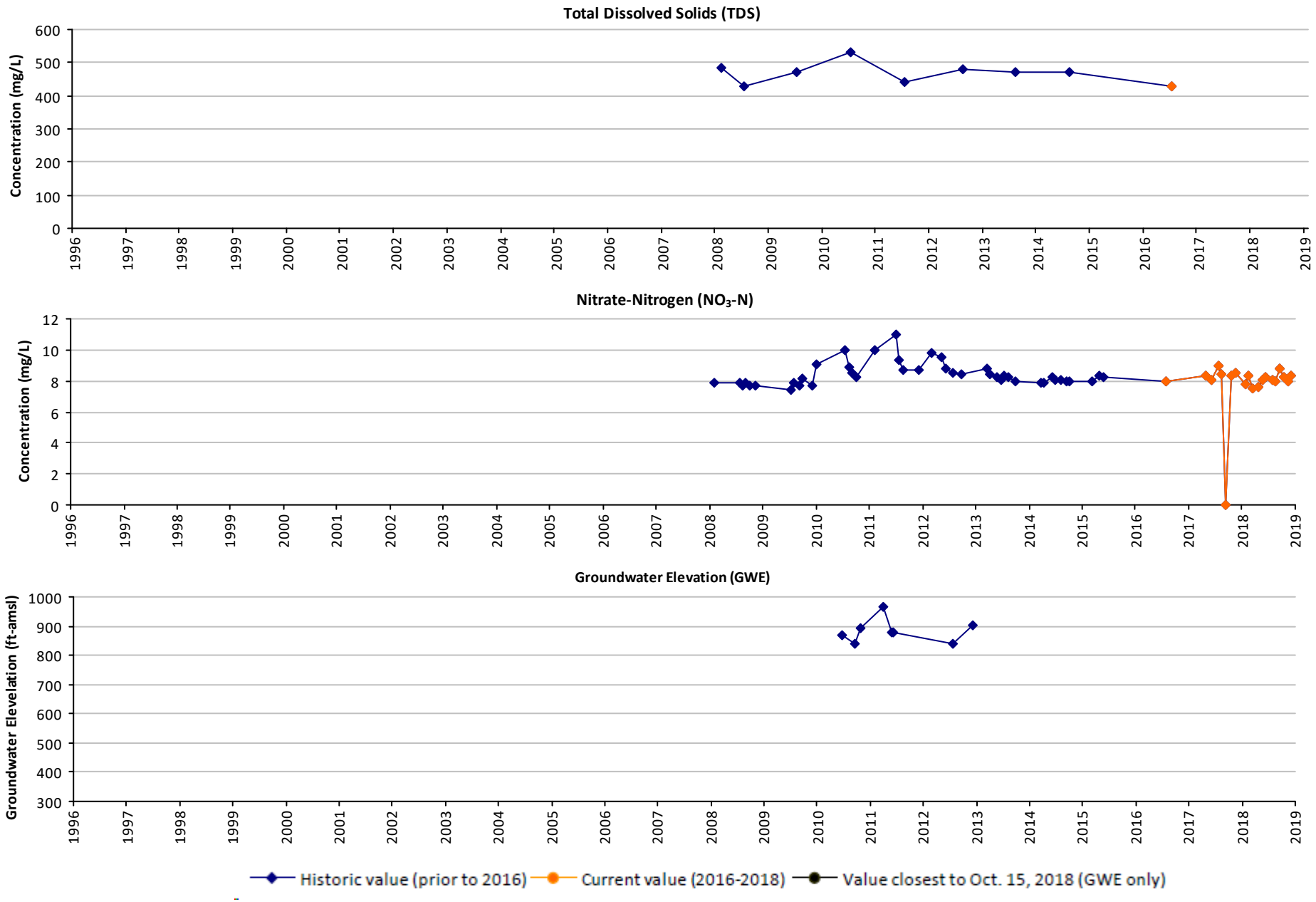

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

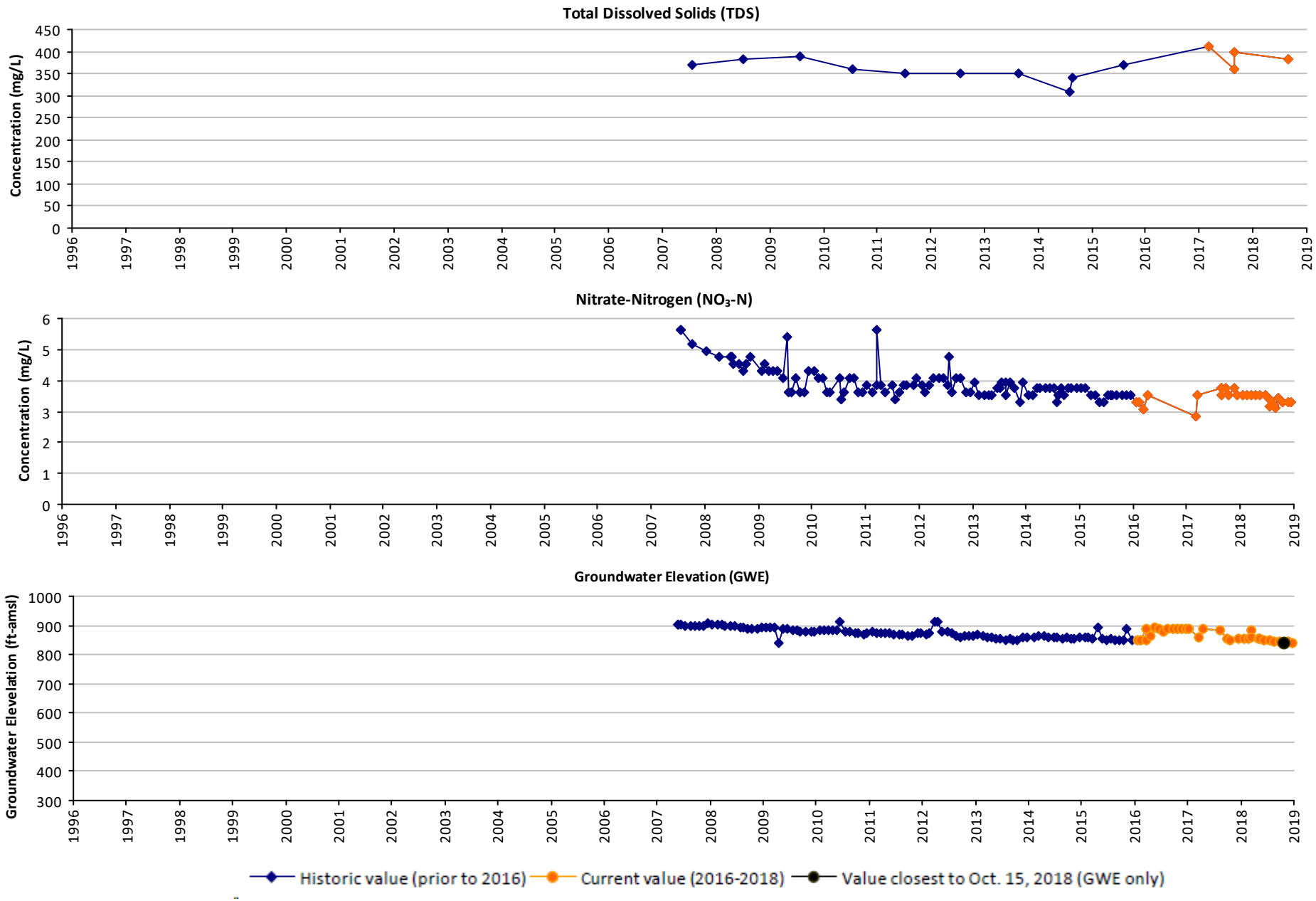

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

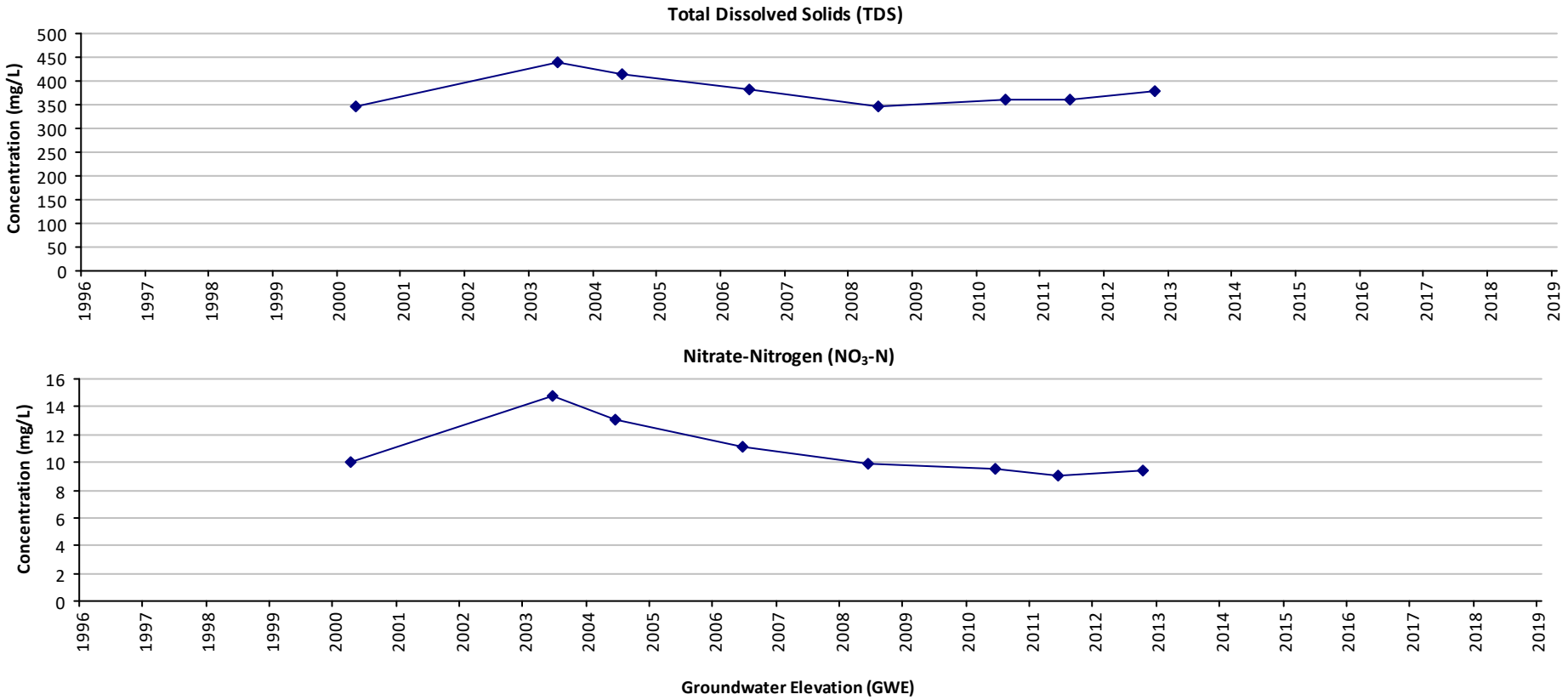

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
800
1300
1800
2300
2800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

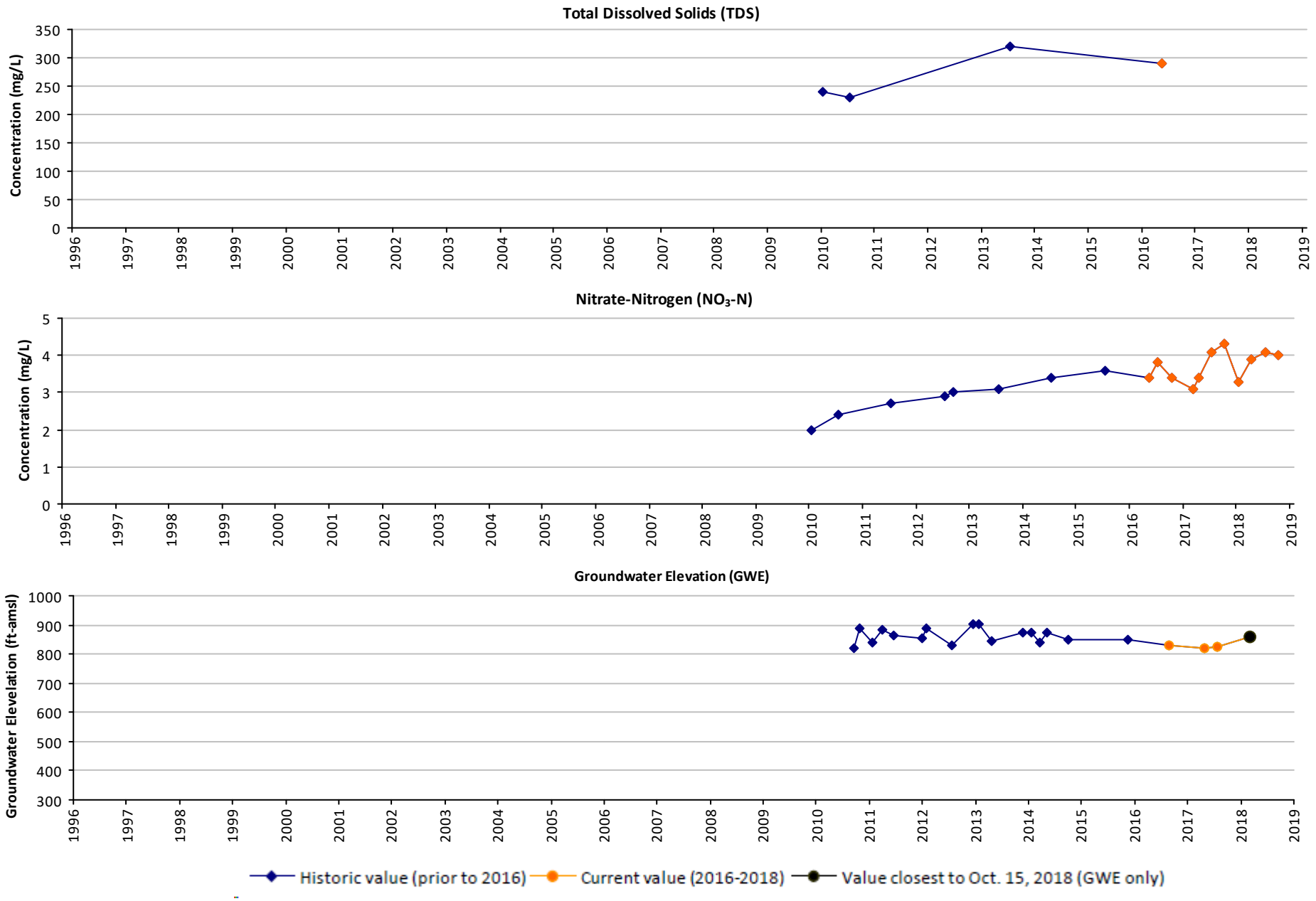

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

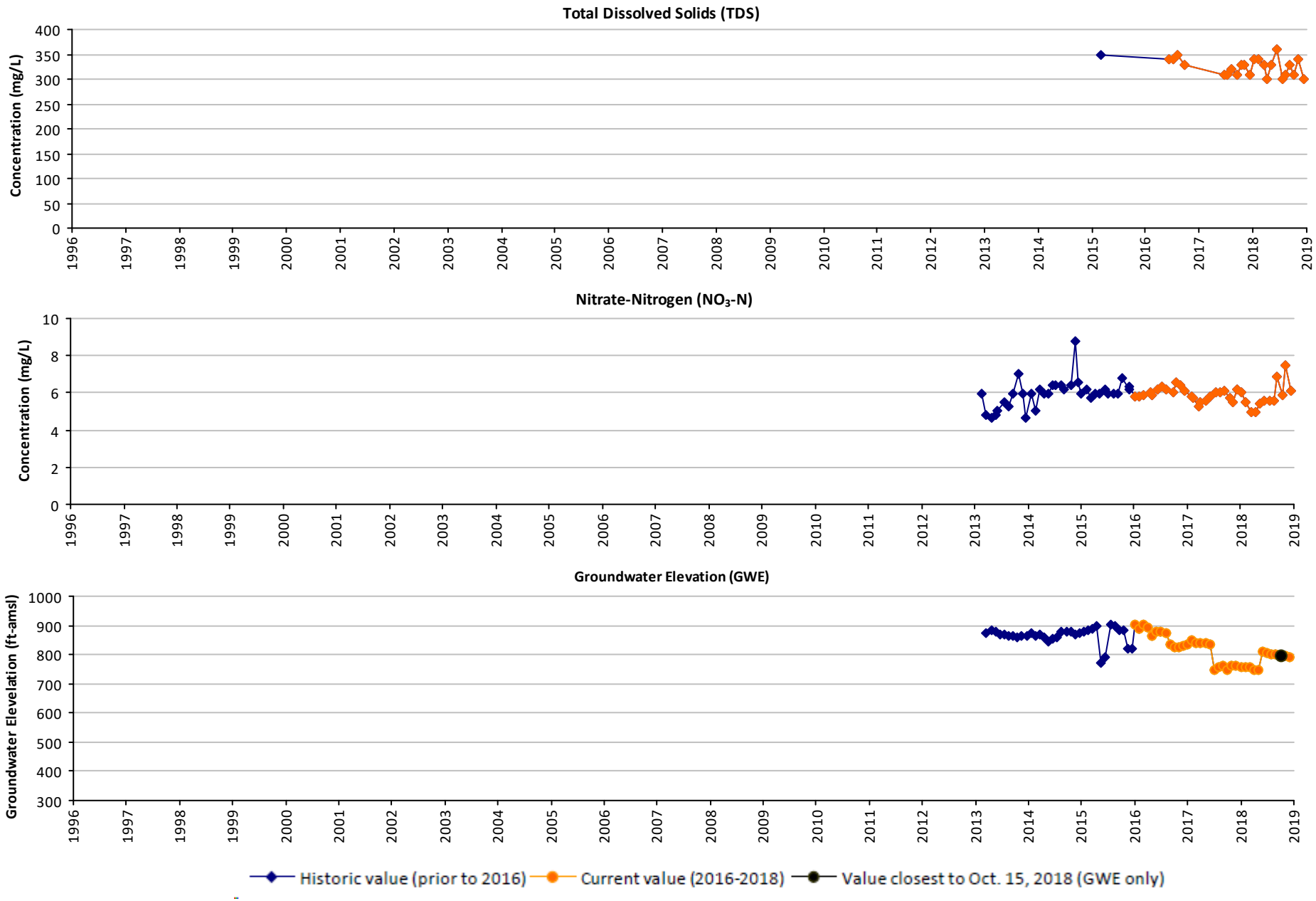

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

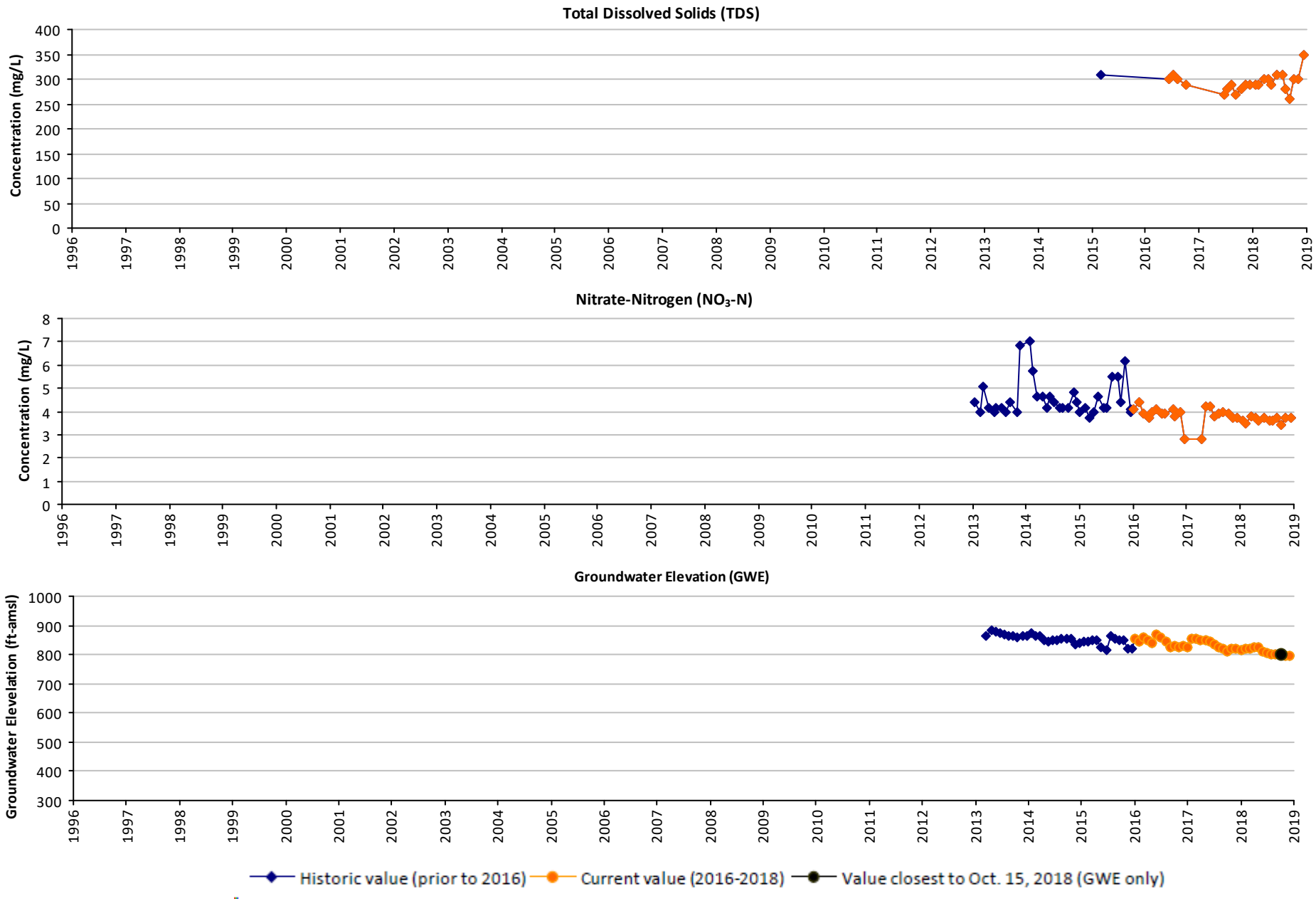

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

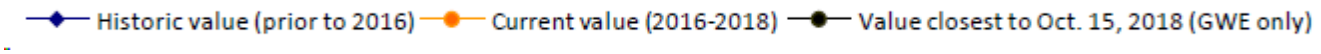

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

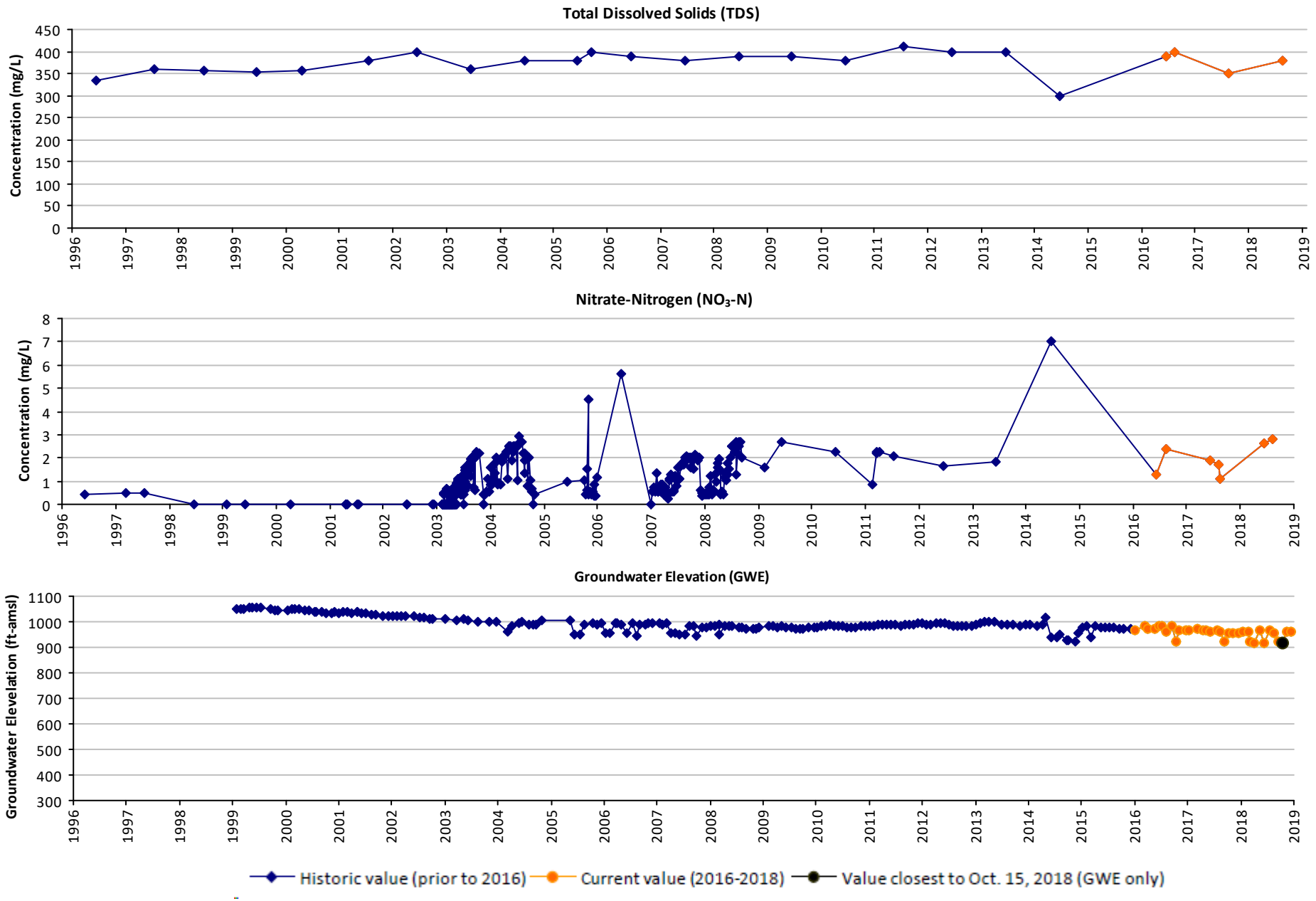

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

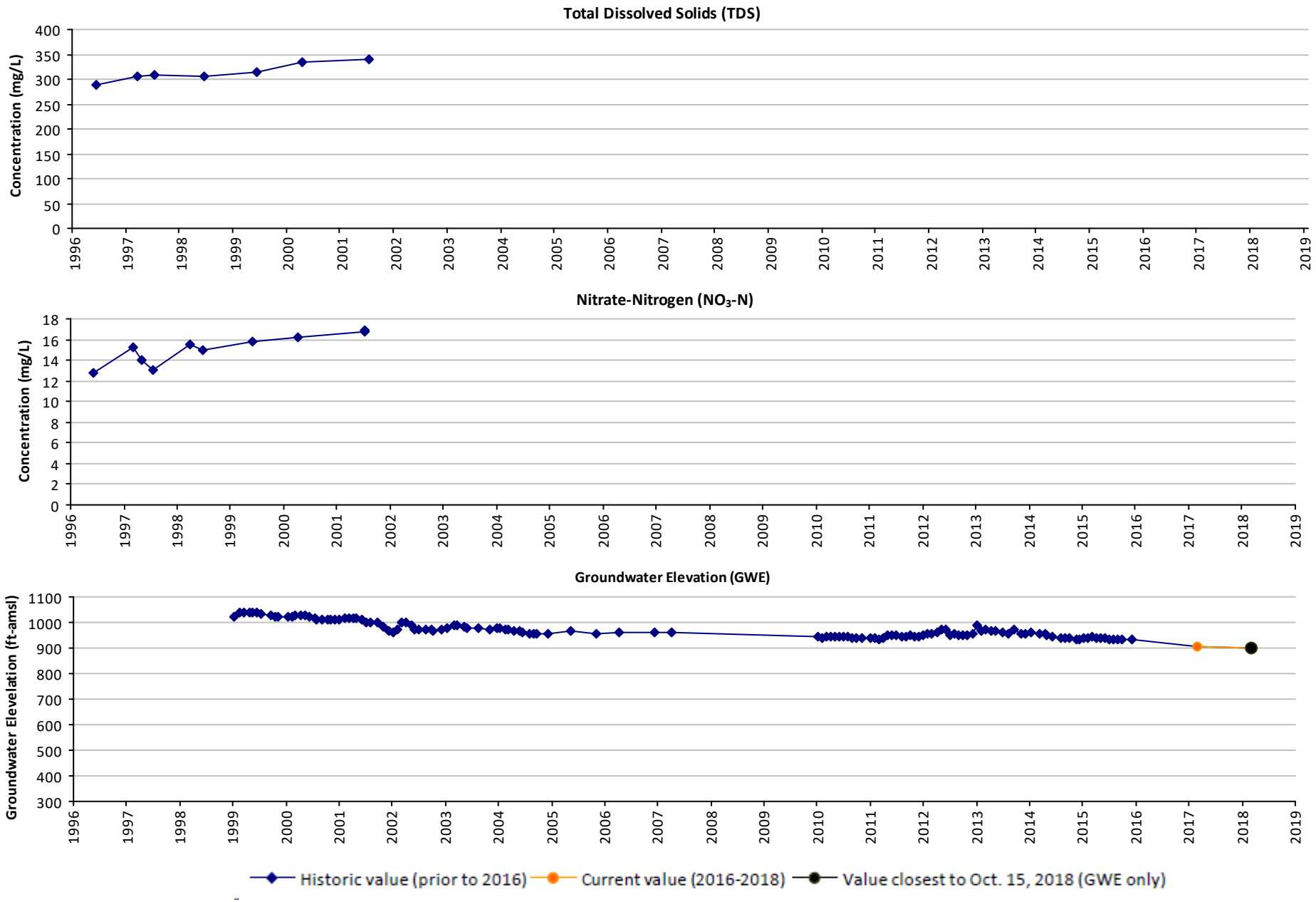
Total Dissolved Solids (TDS)

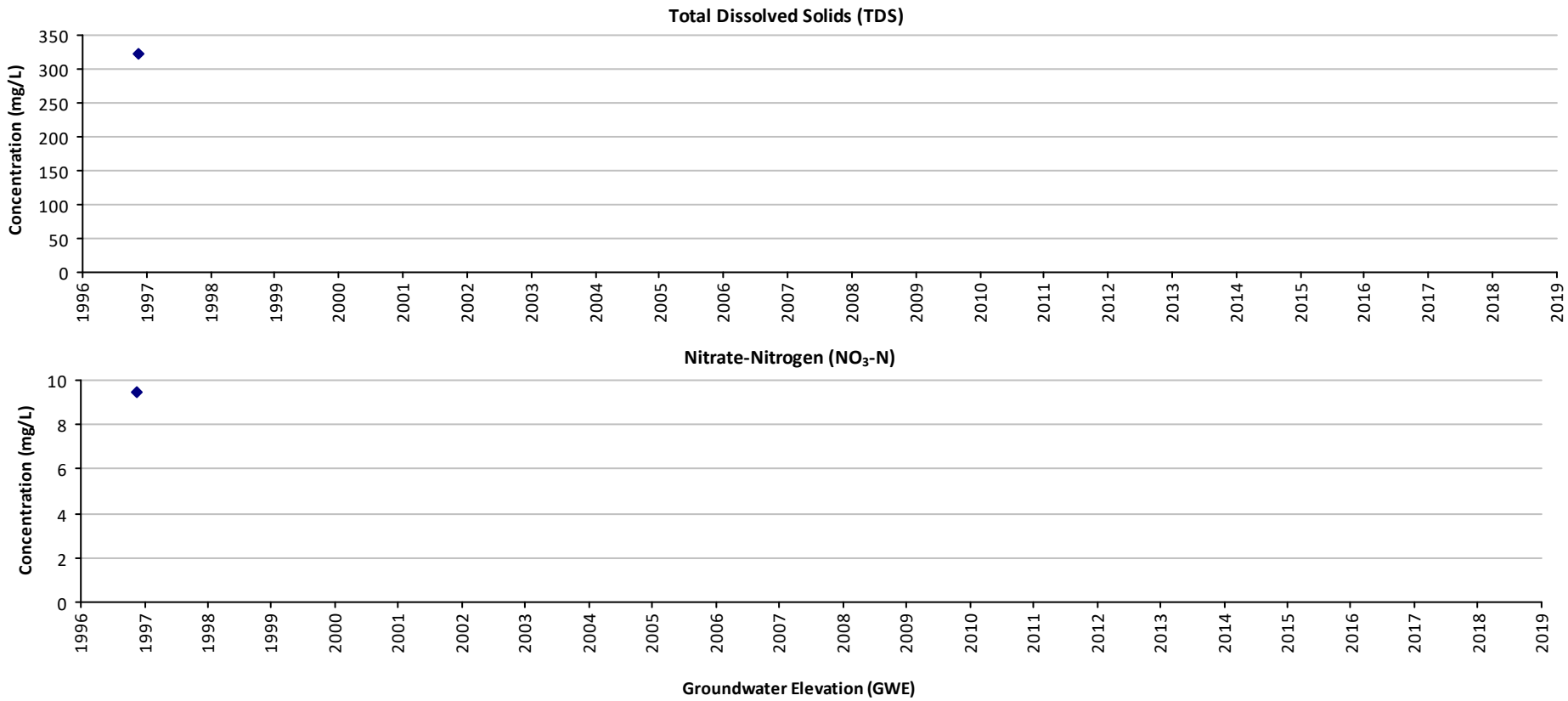
Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)



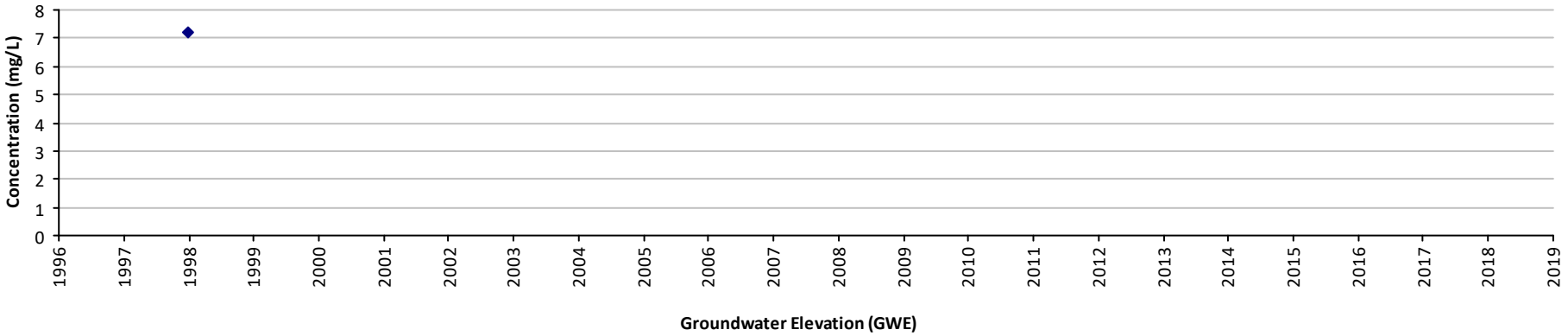

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

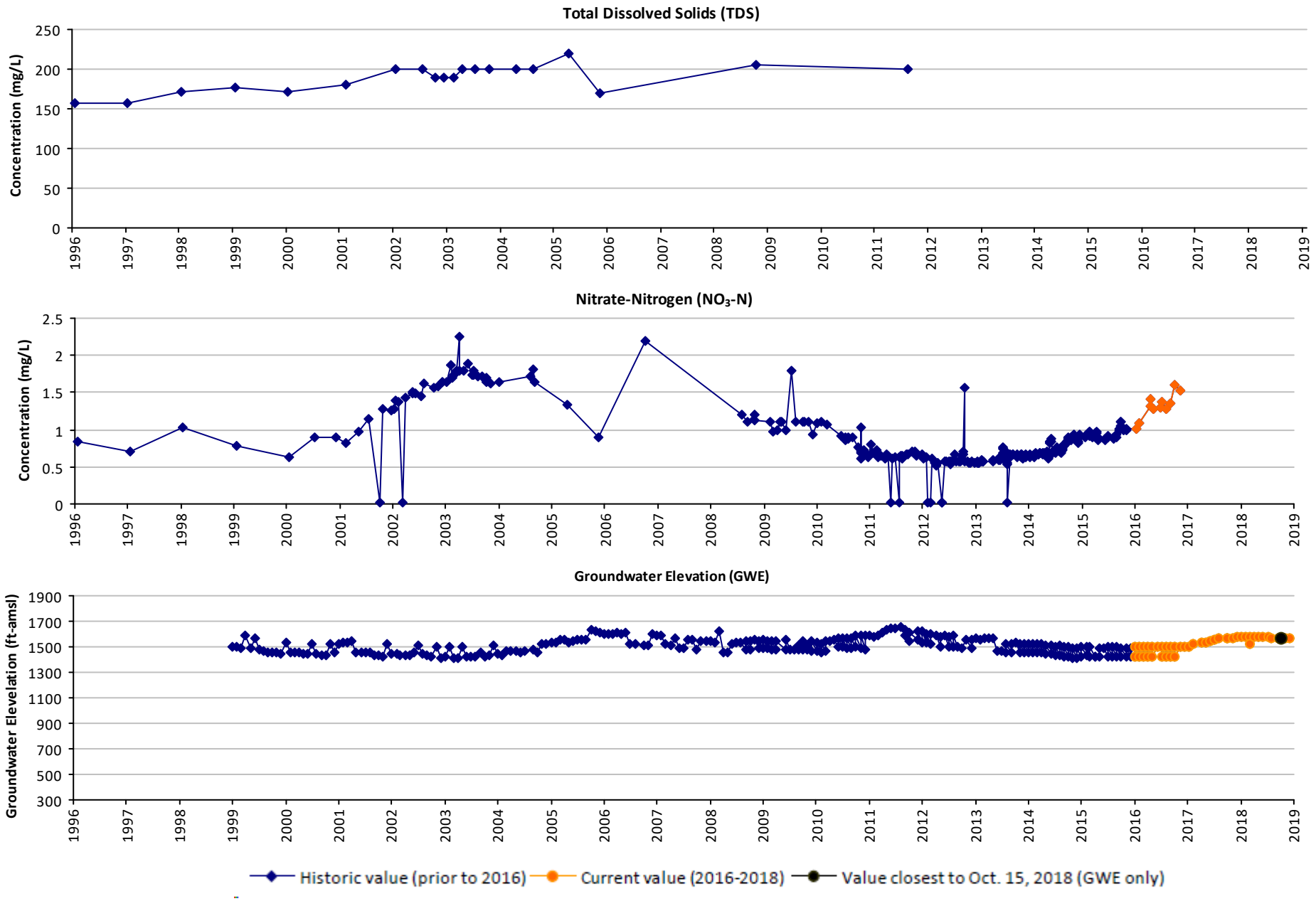

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

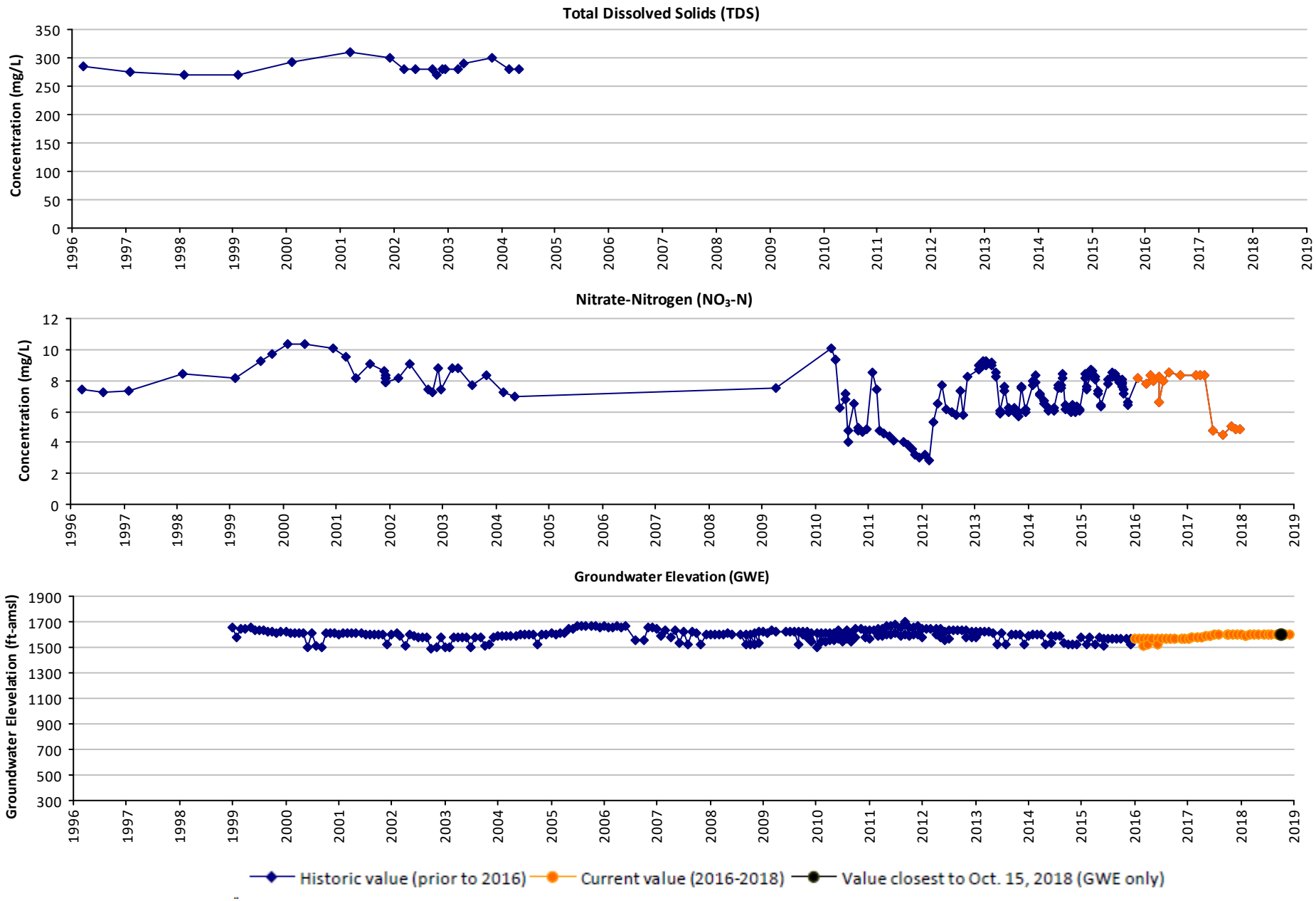
Total Dissolved Solids (TDS)

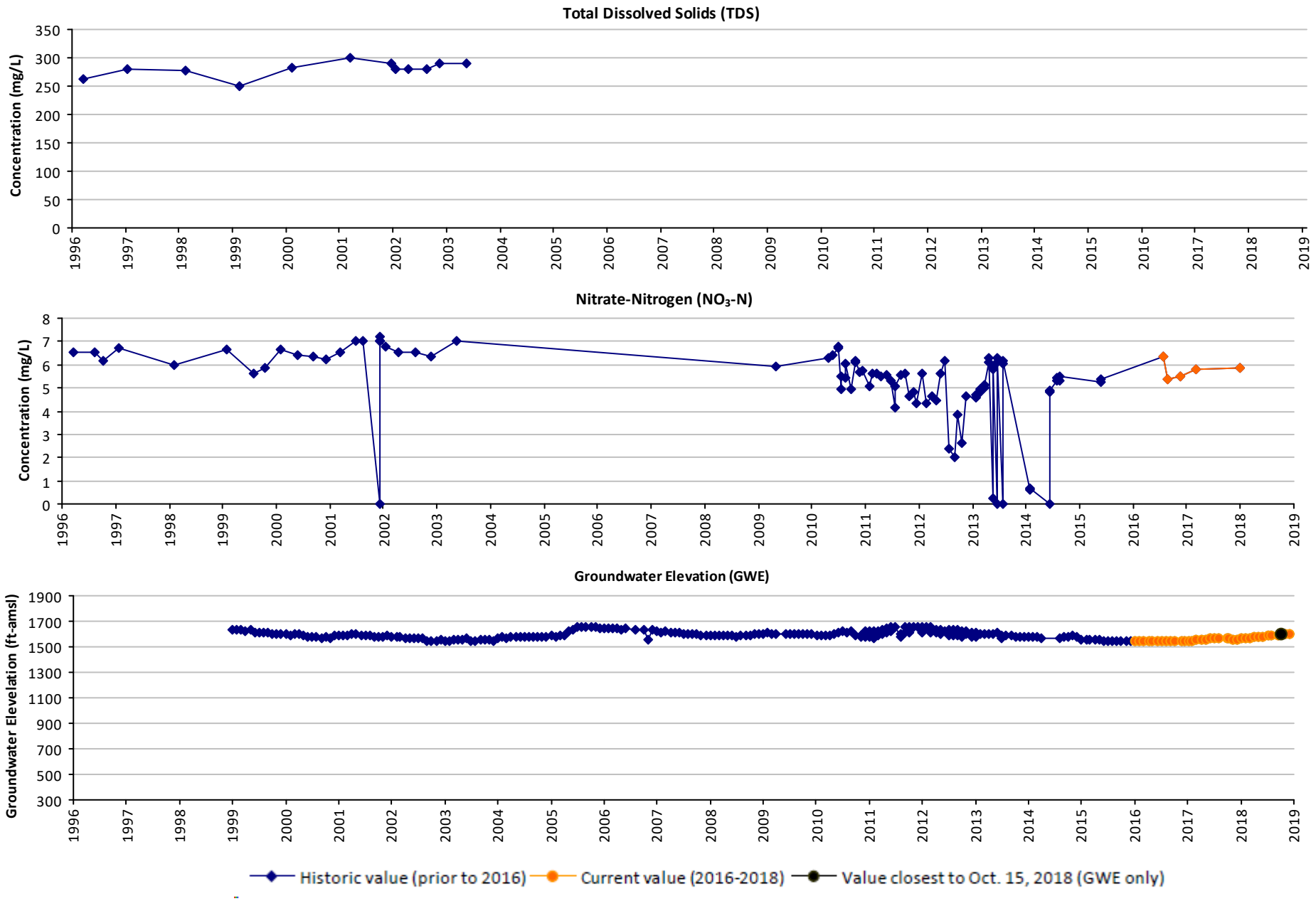
Nitrate-Nitrogen (NO_3-N)

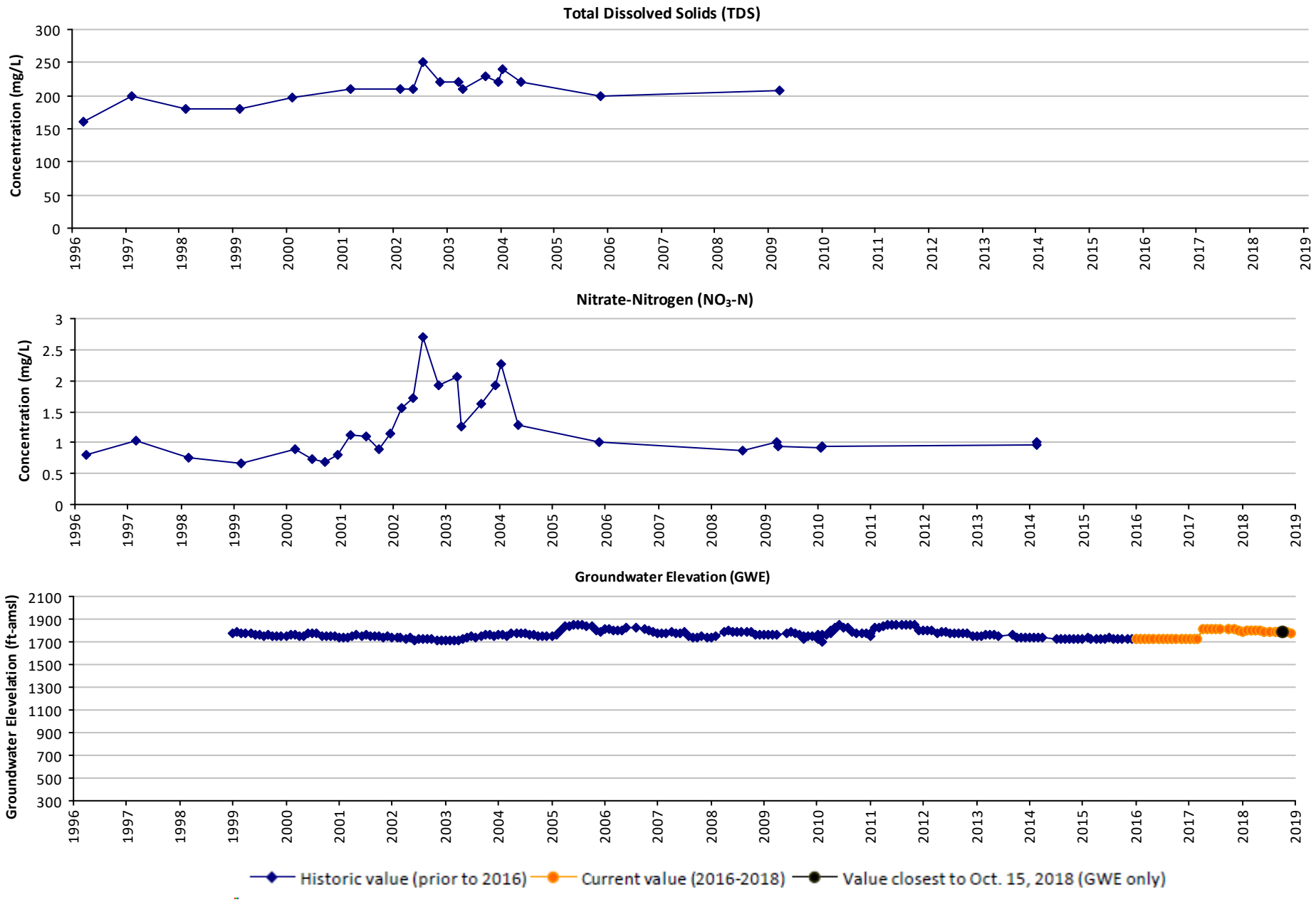


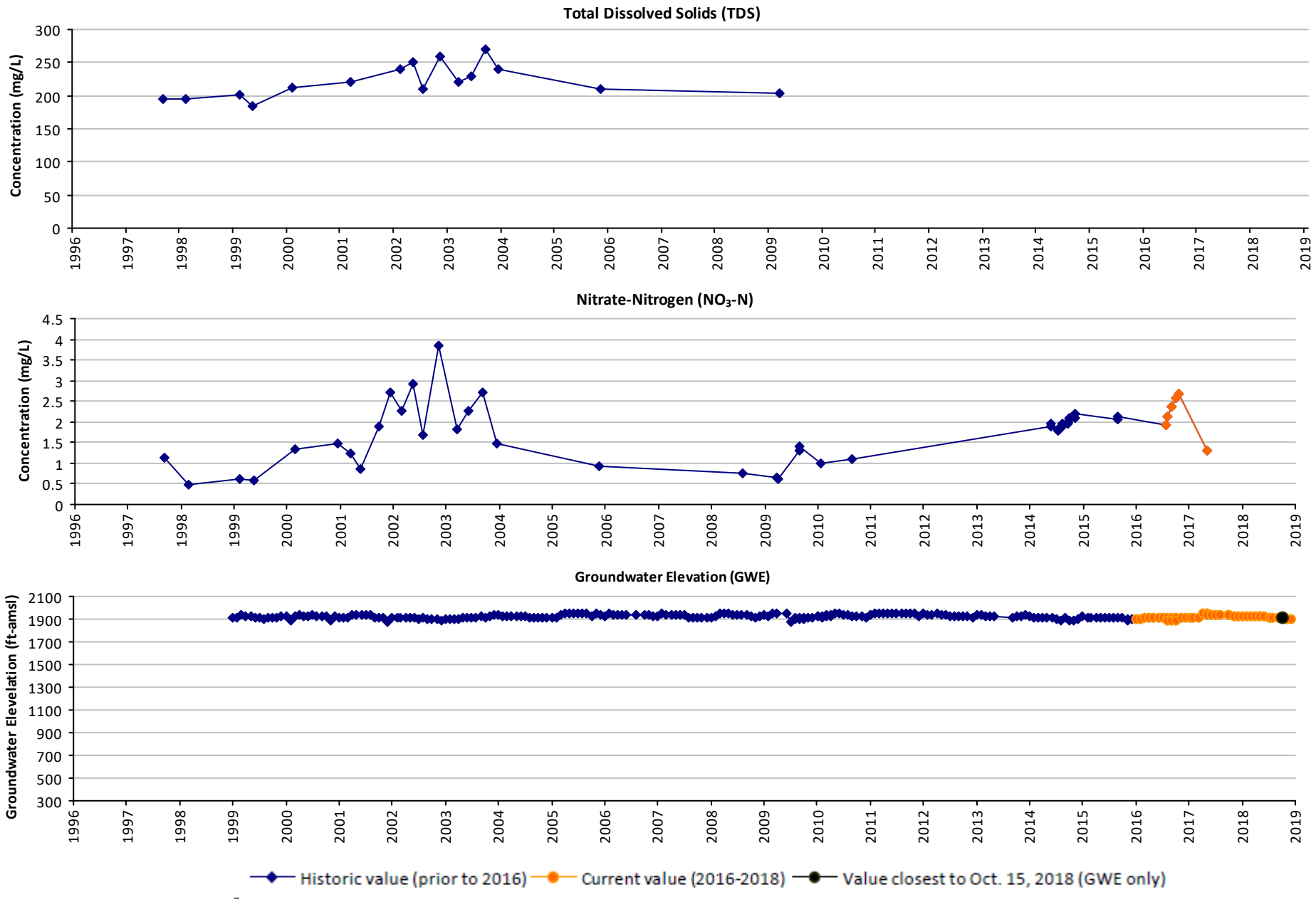
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

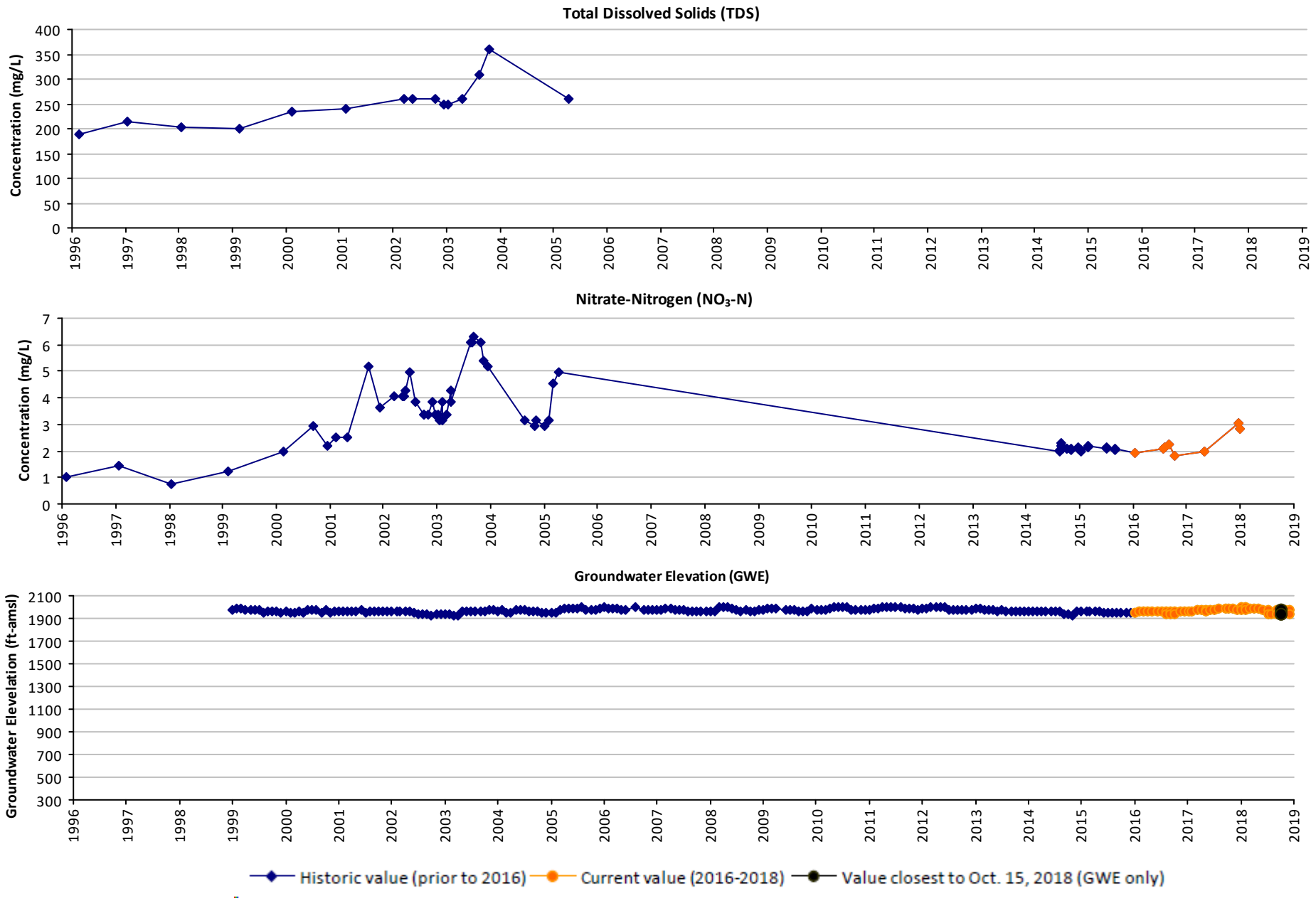

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1900
1700
1500
1300
1100
900
700
500
300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

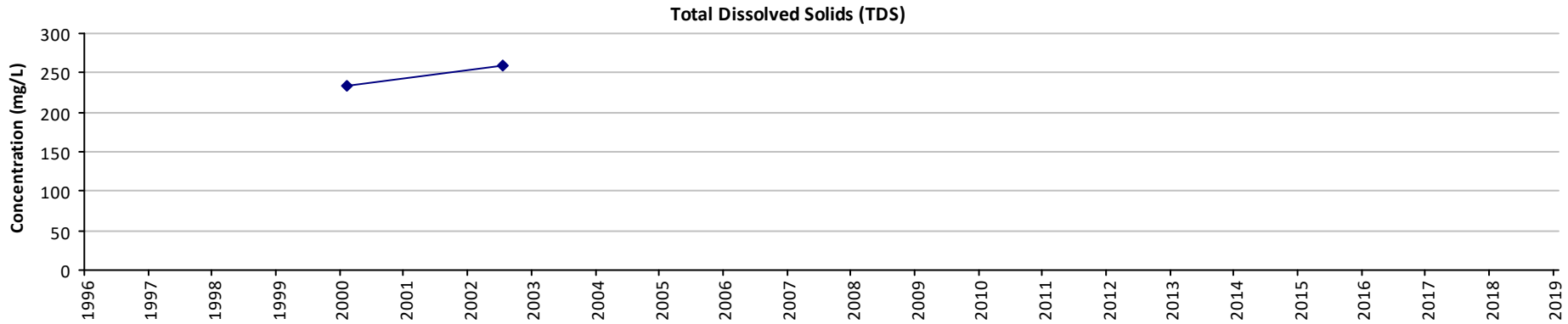

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

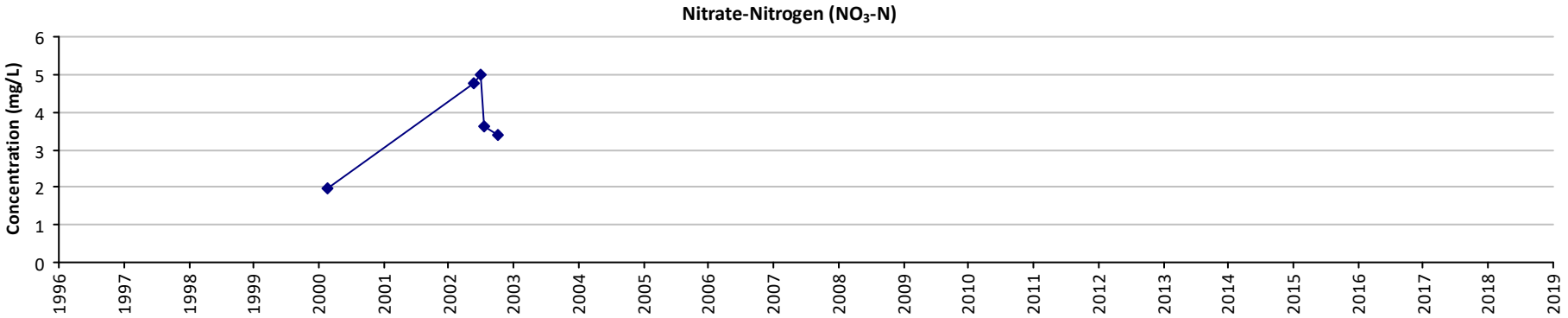

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

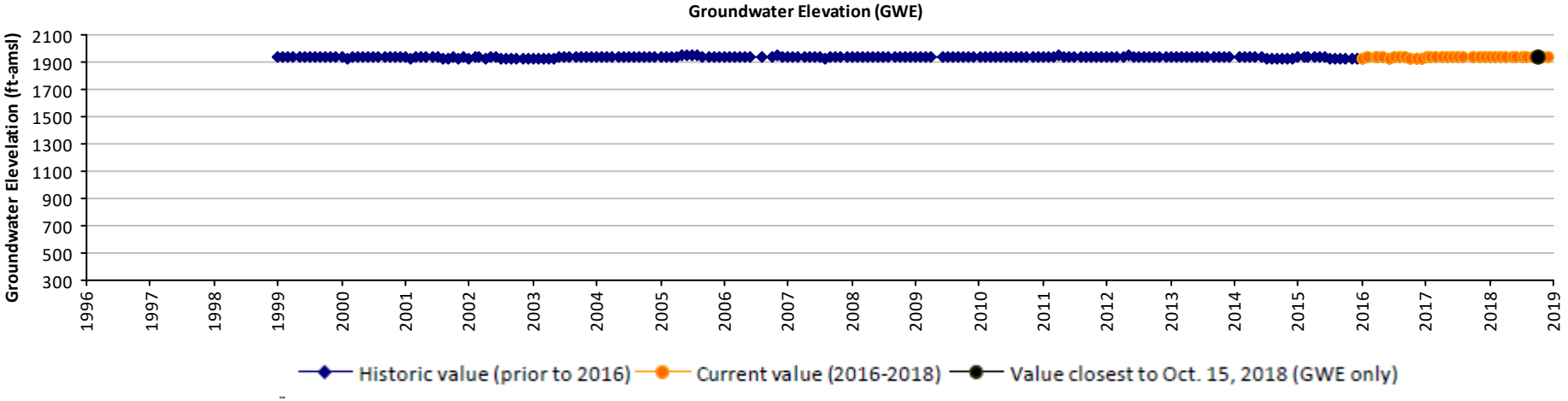

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

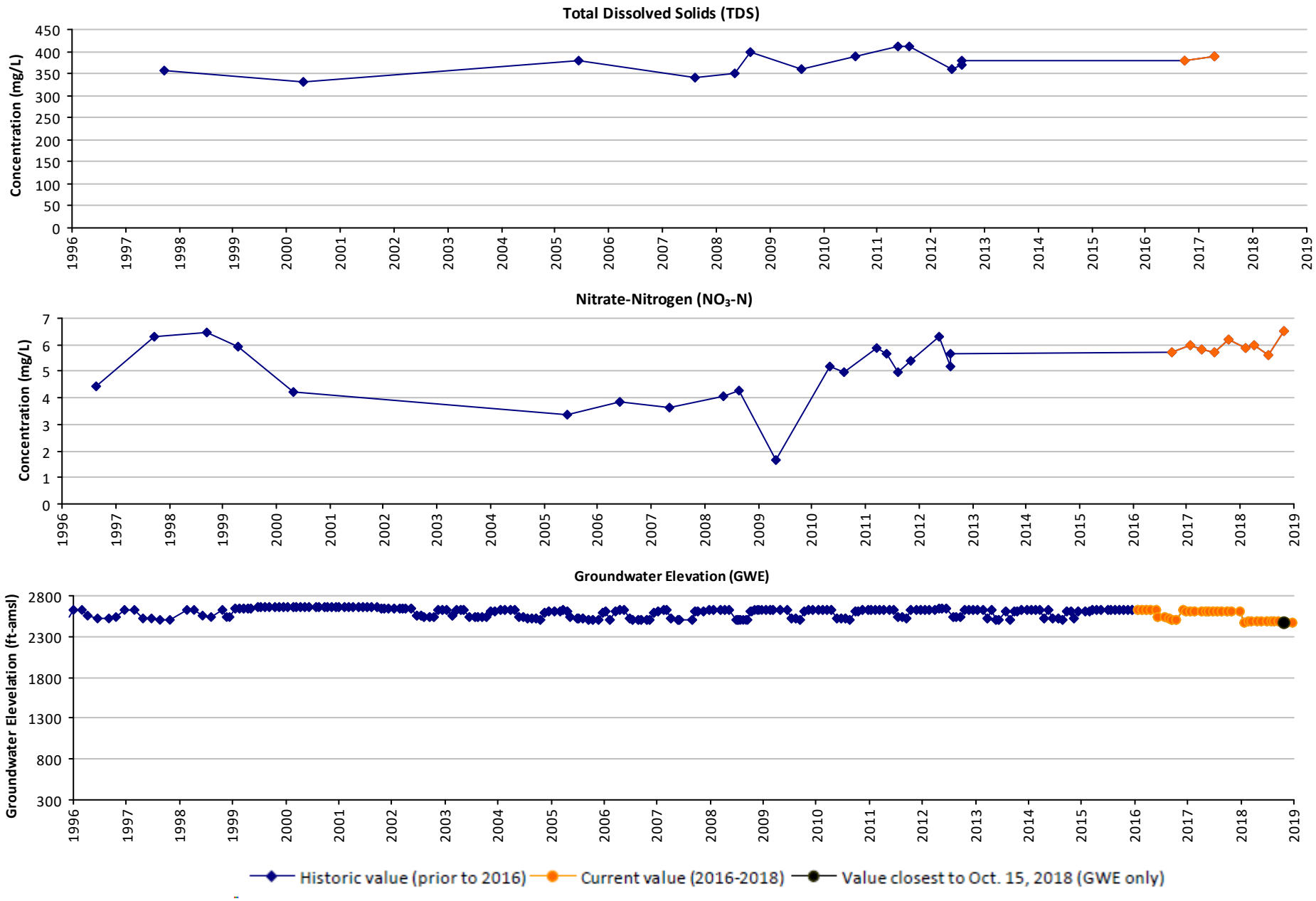

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

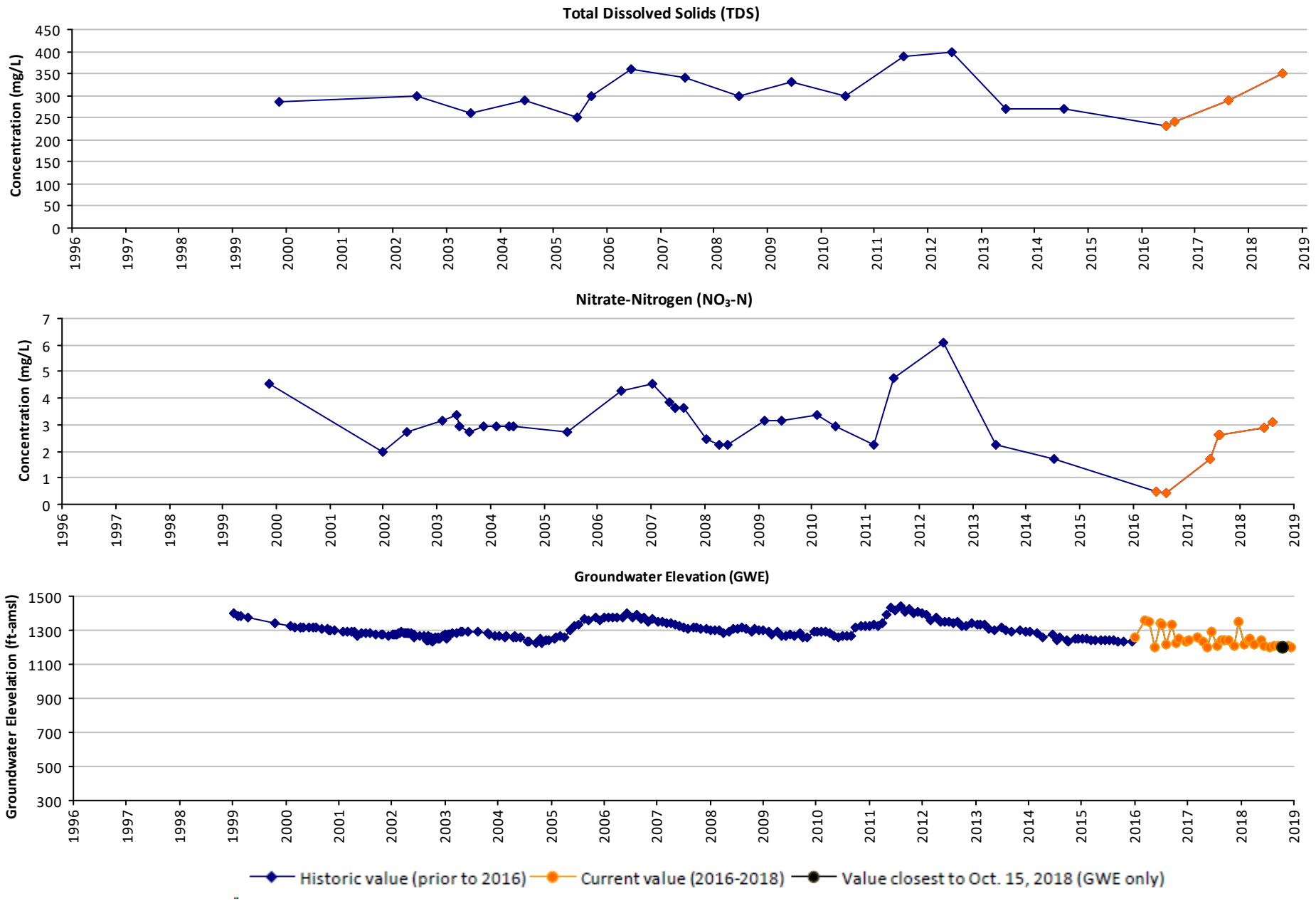

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

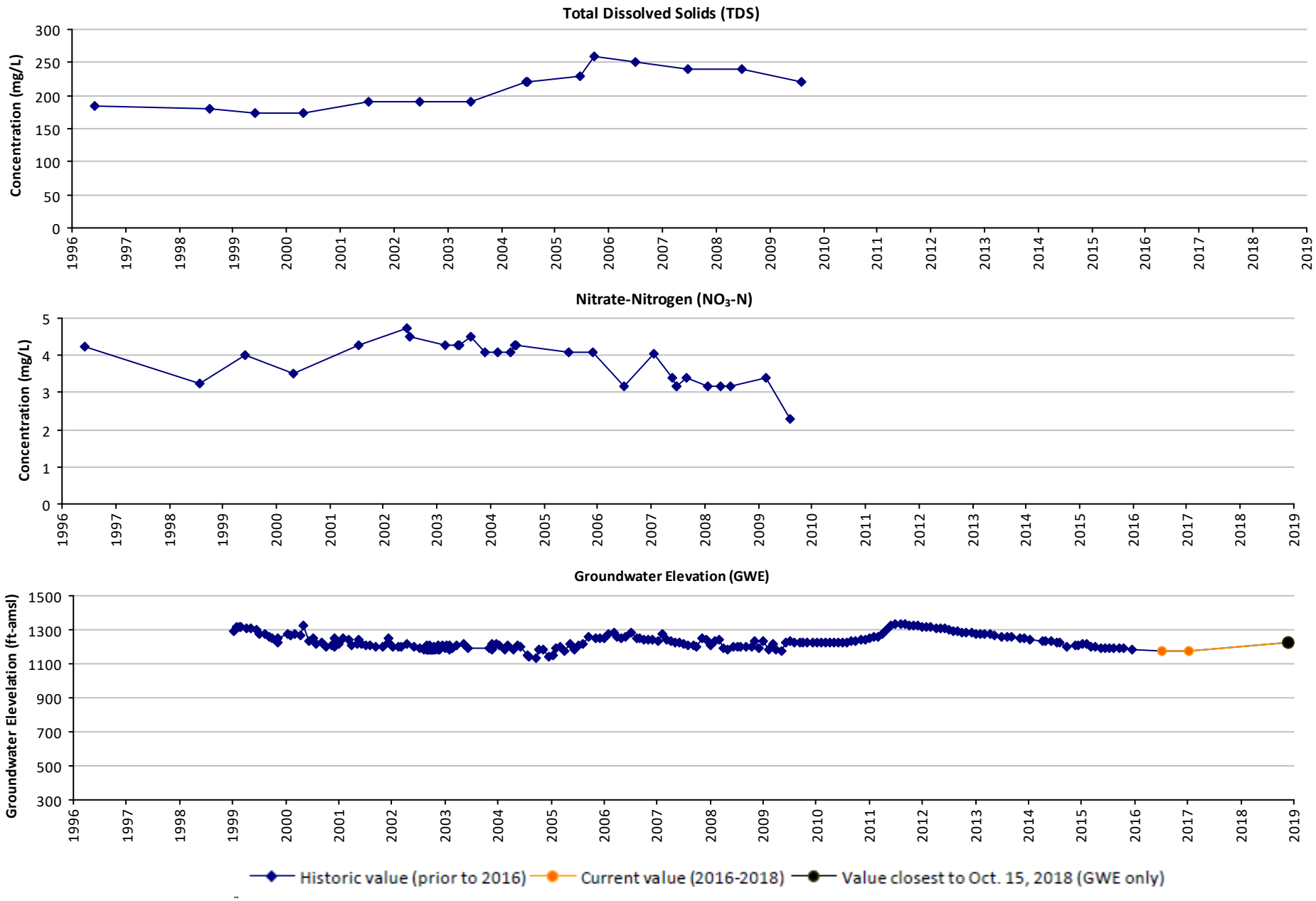

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

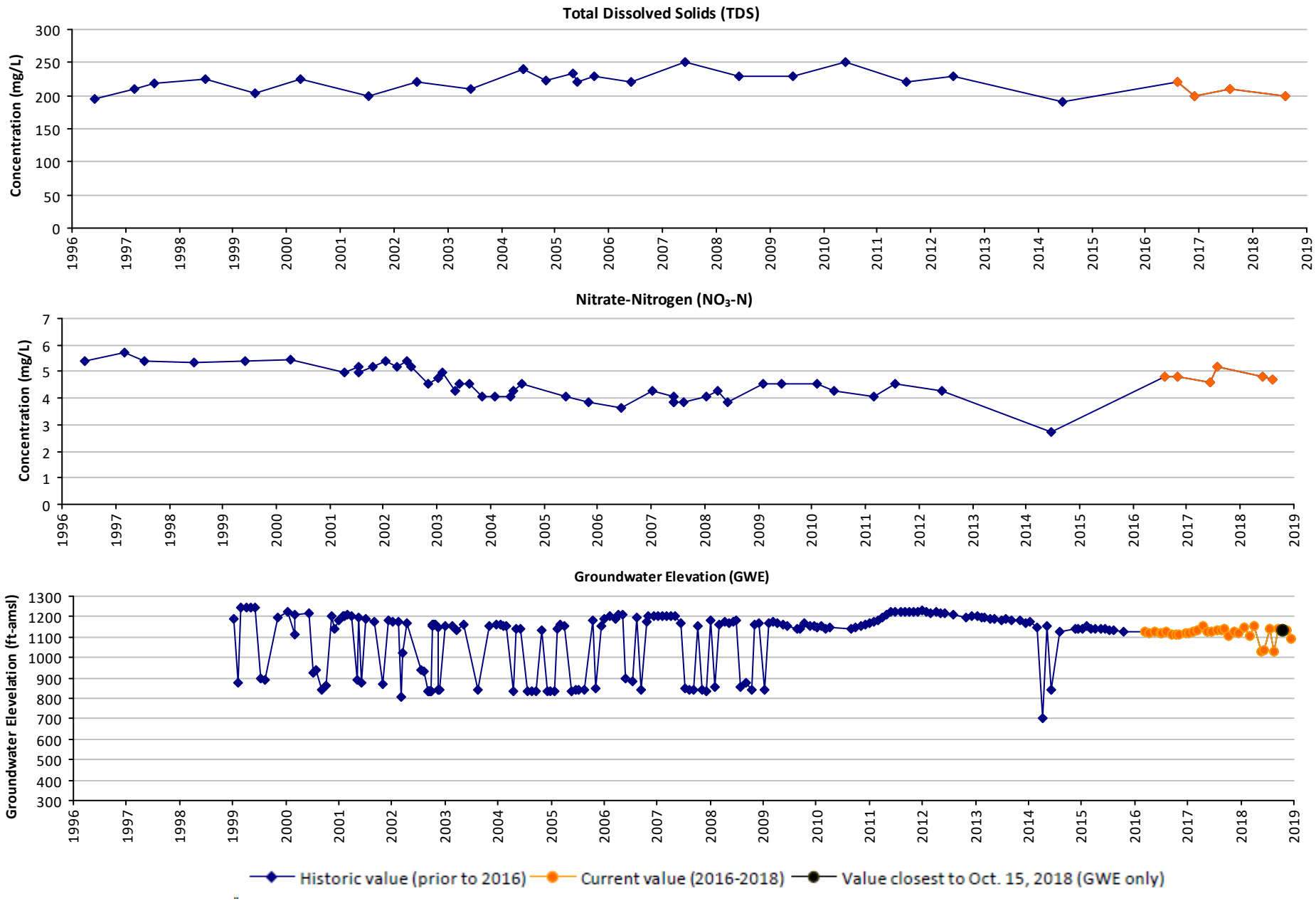

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

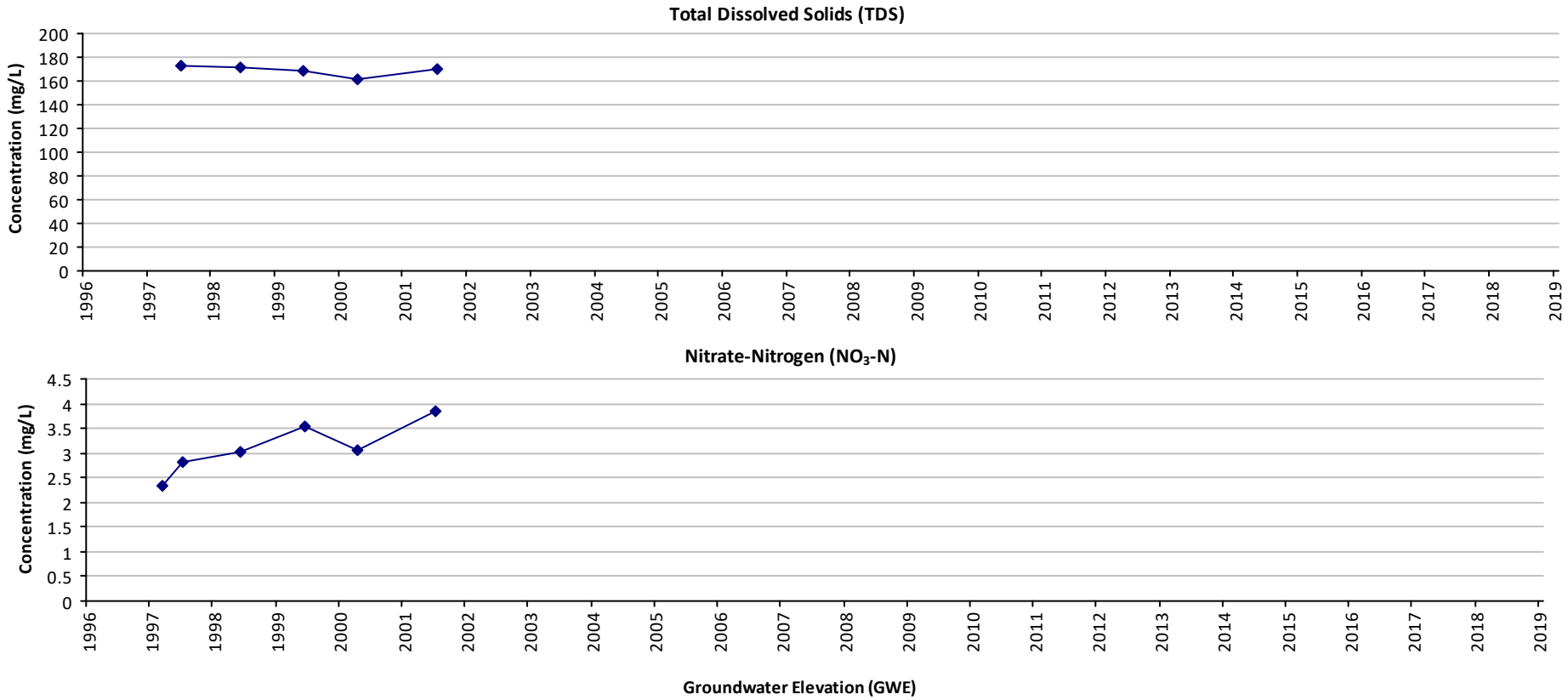

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2100
1900
1700
1500
1300
1100
900
700
500
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

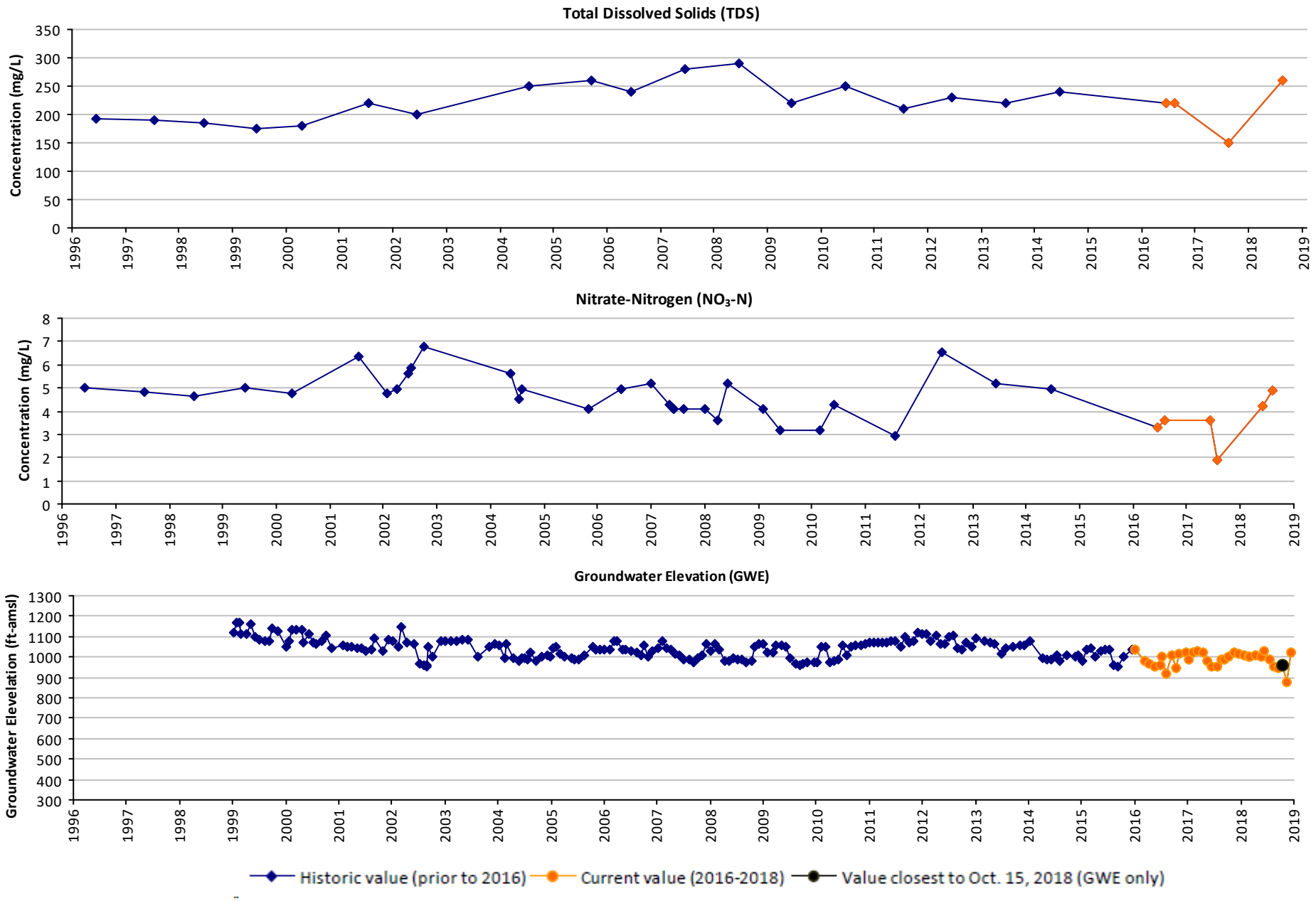

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

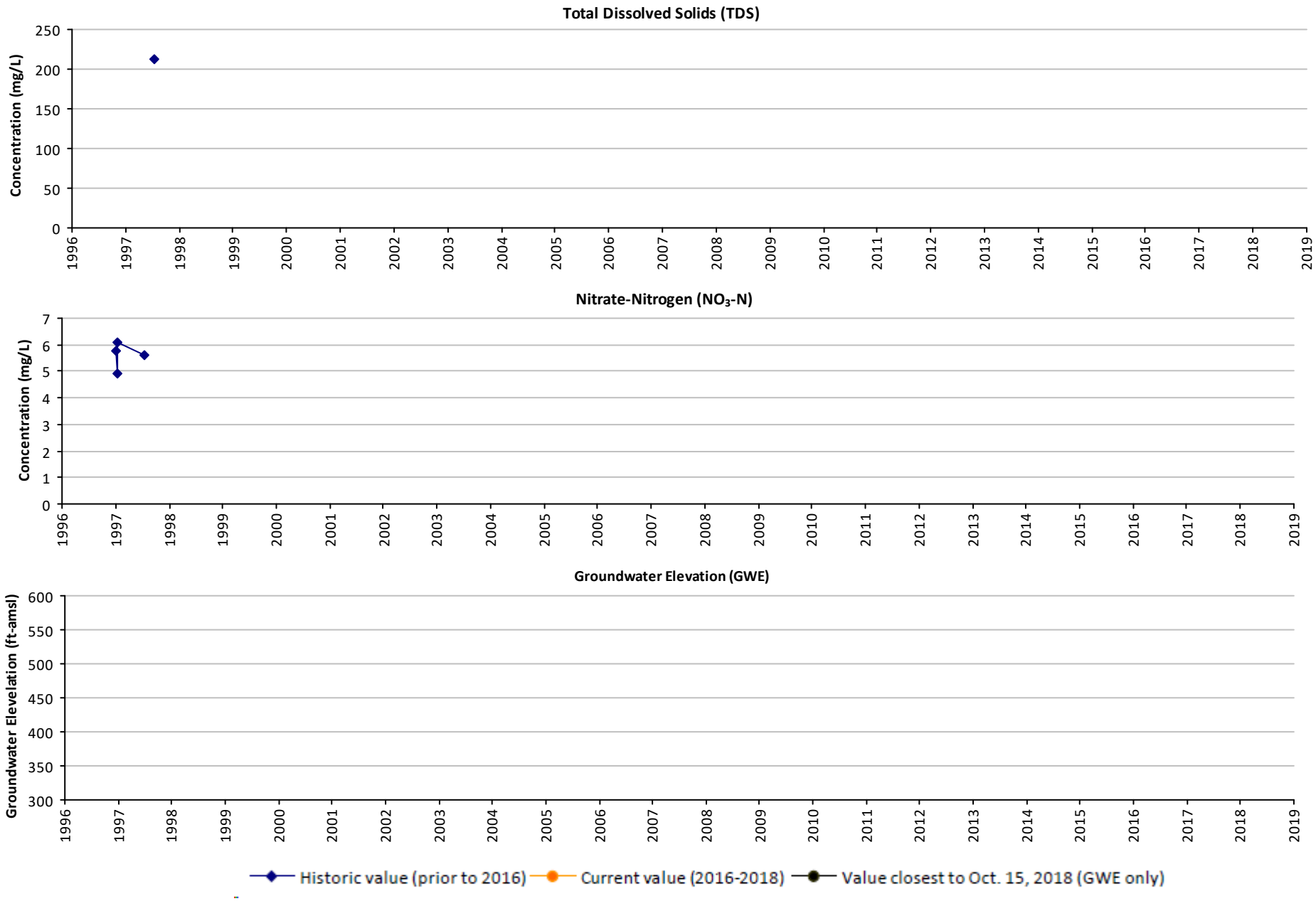

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

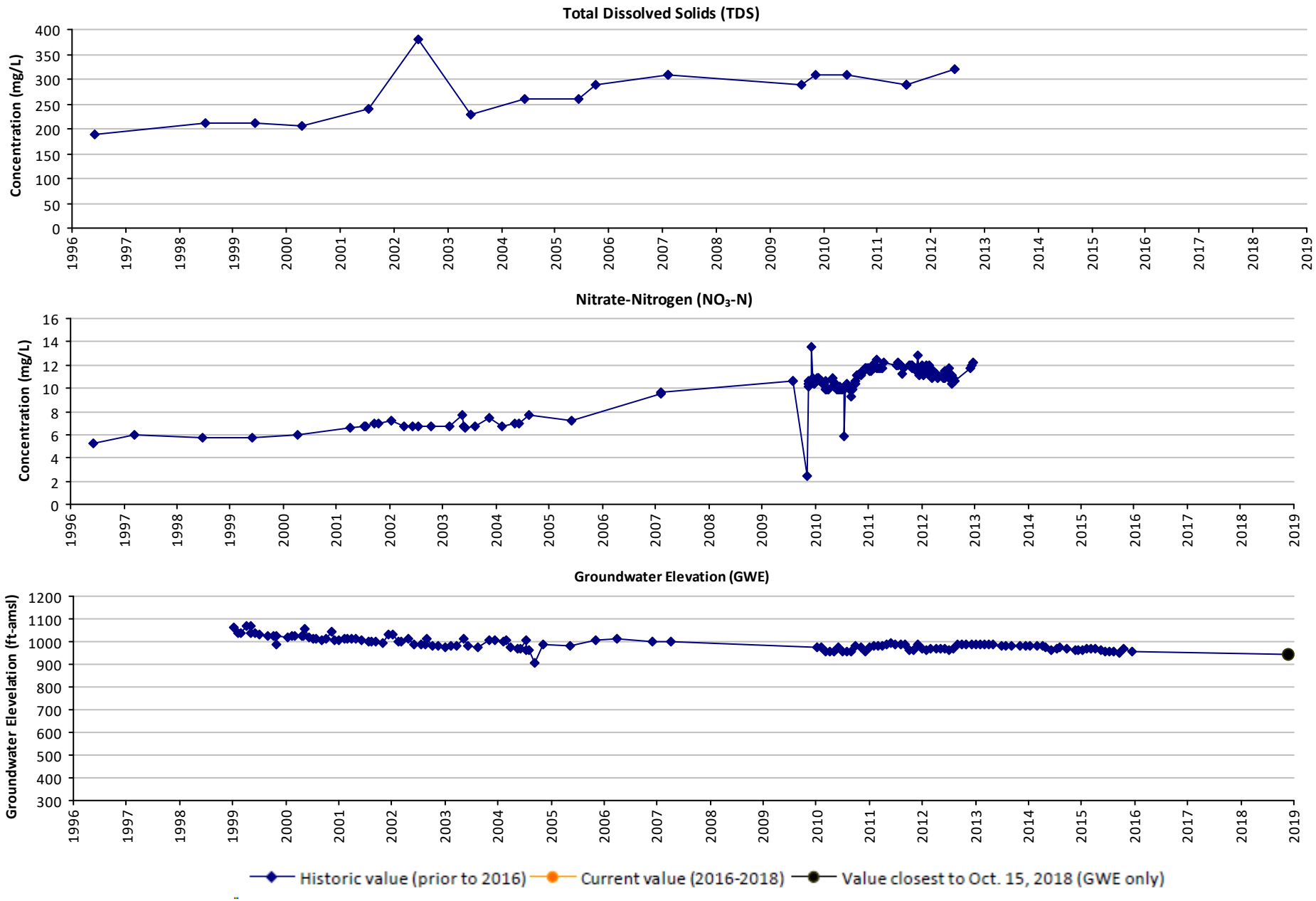

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

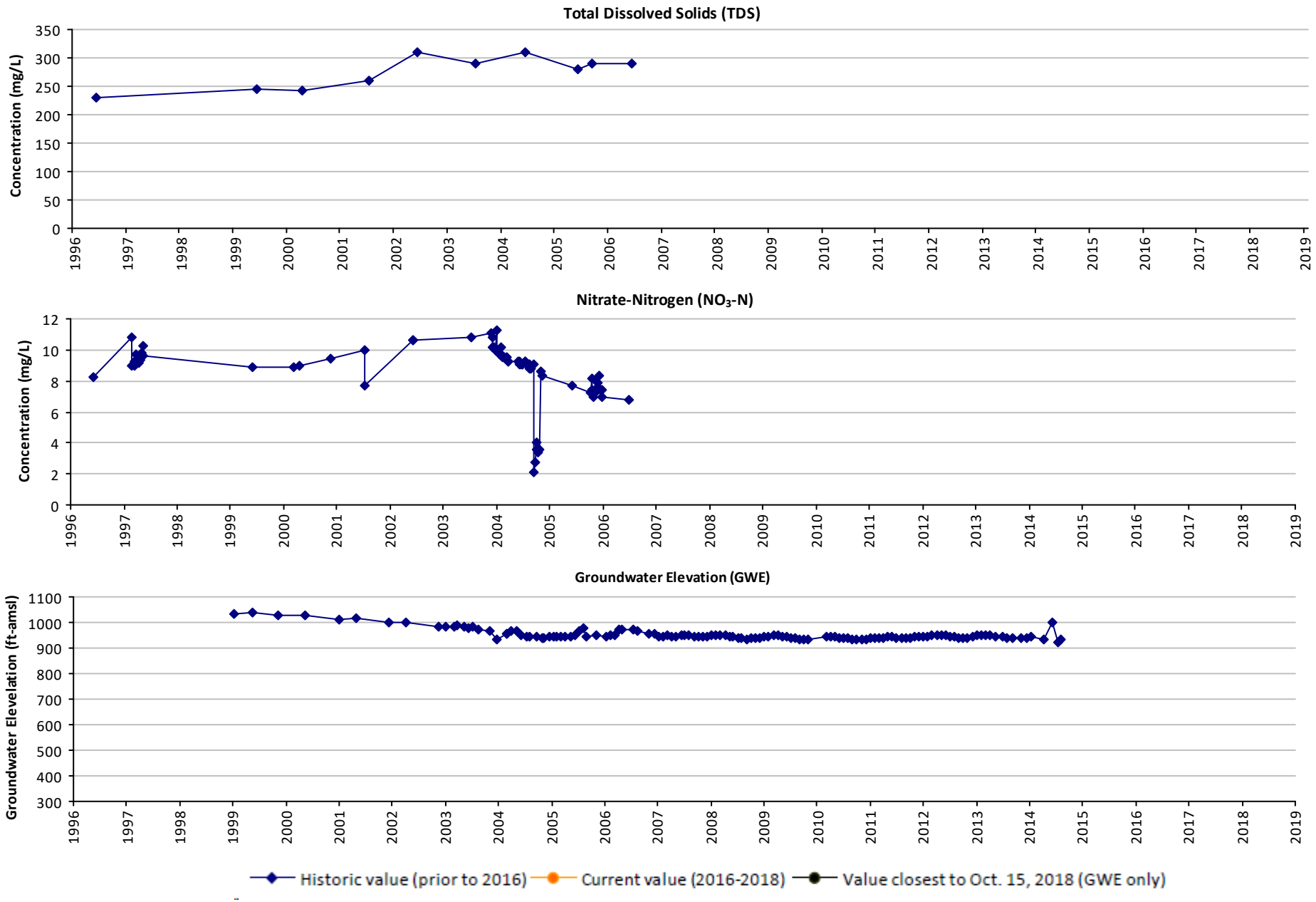

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

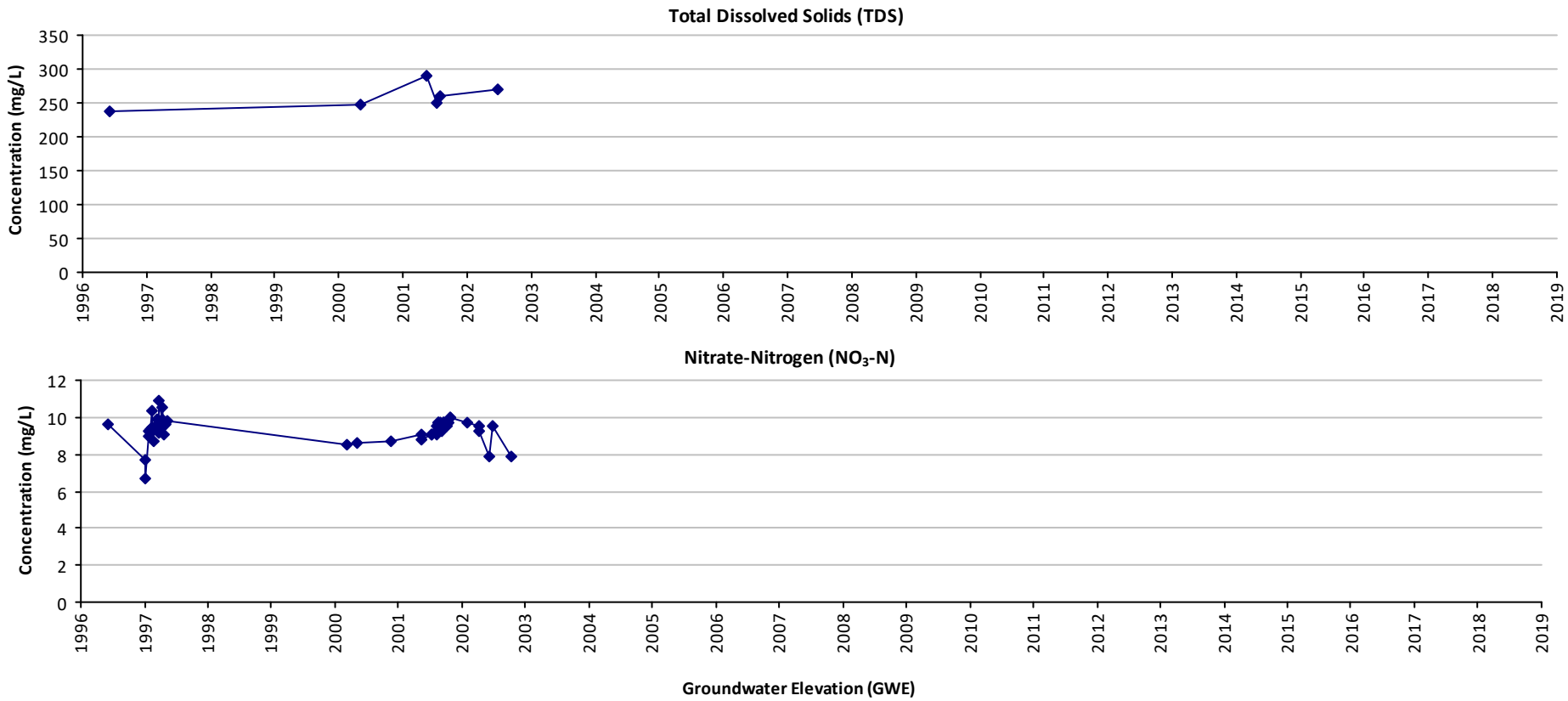

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

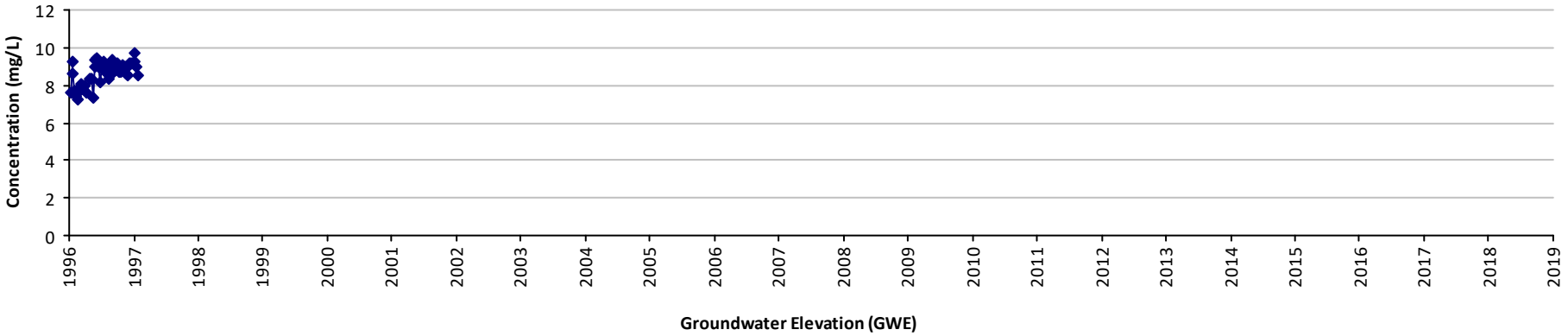

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



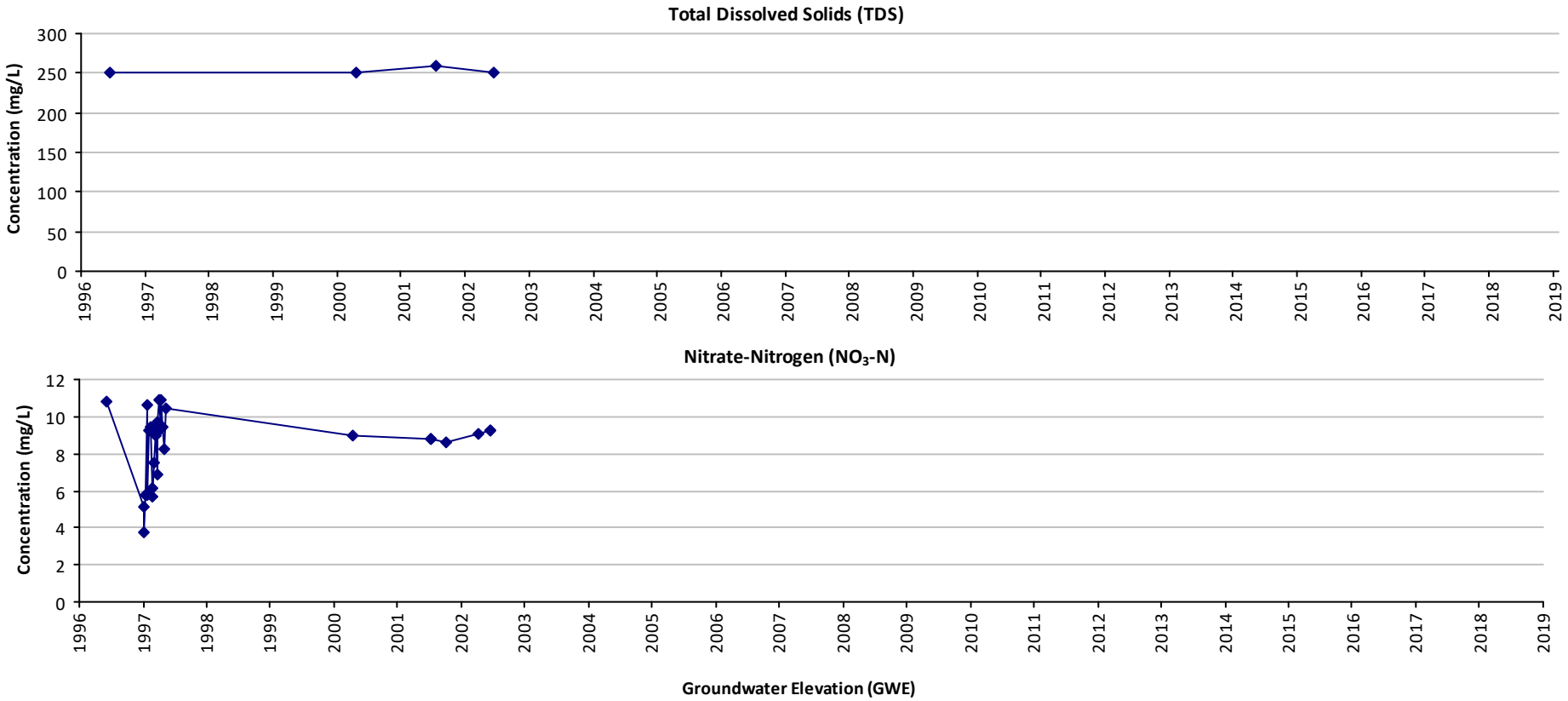
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

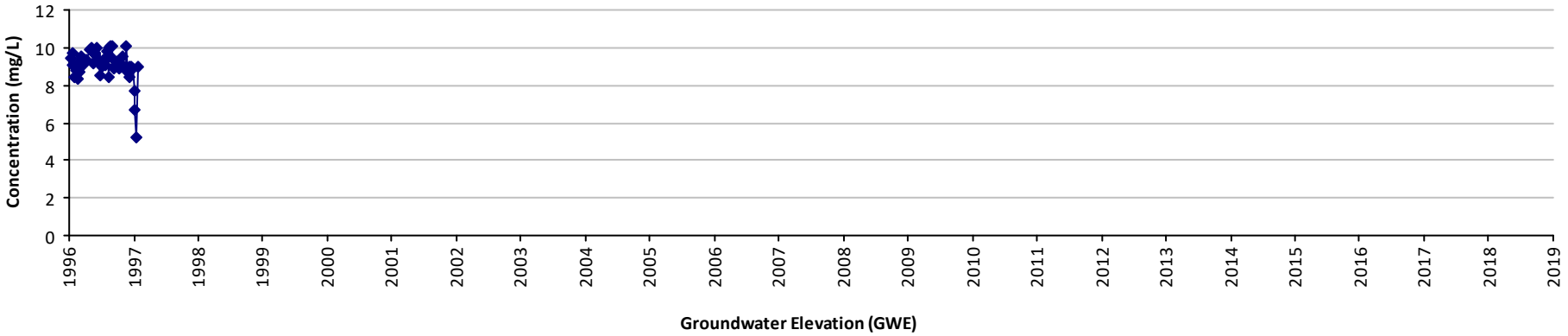


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

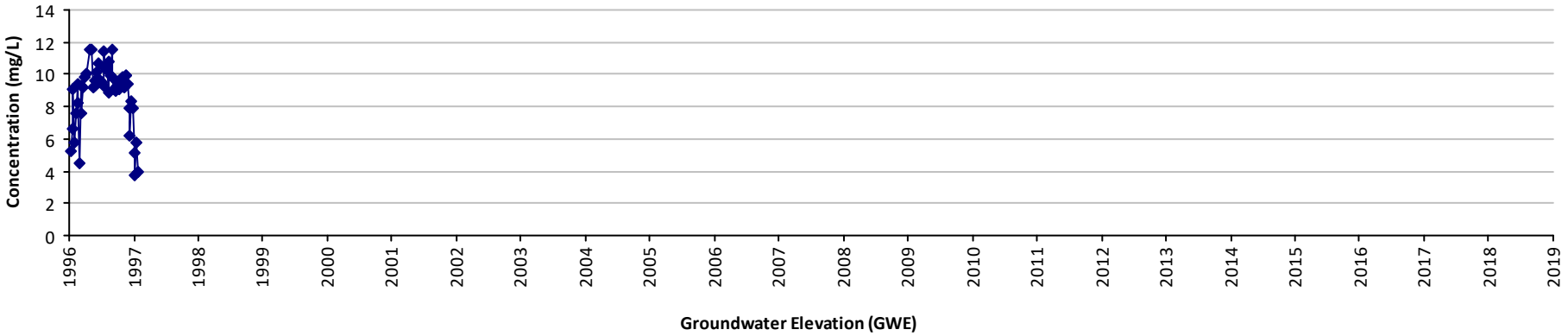
Nitrate-Nitrogen (NO_3-N)



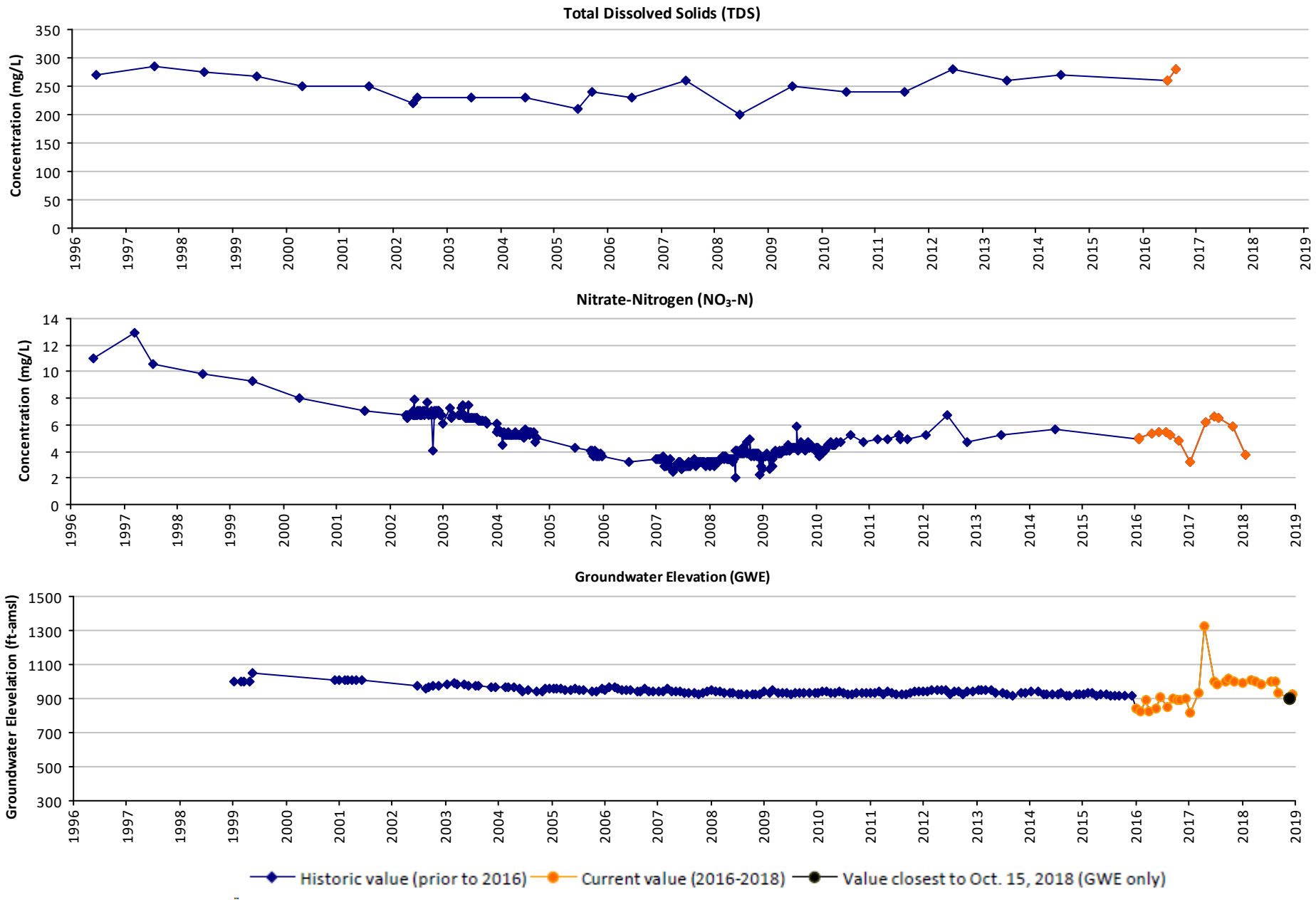
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

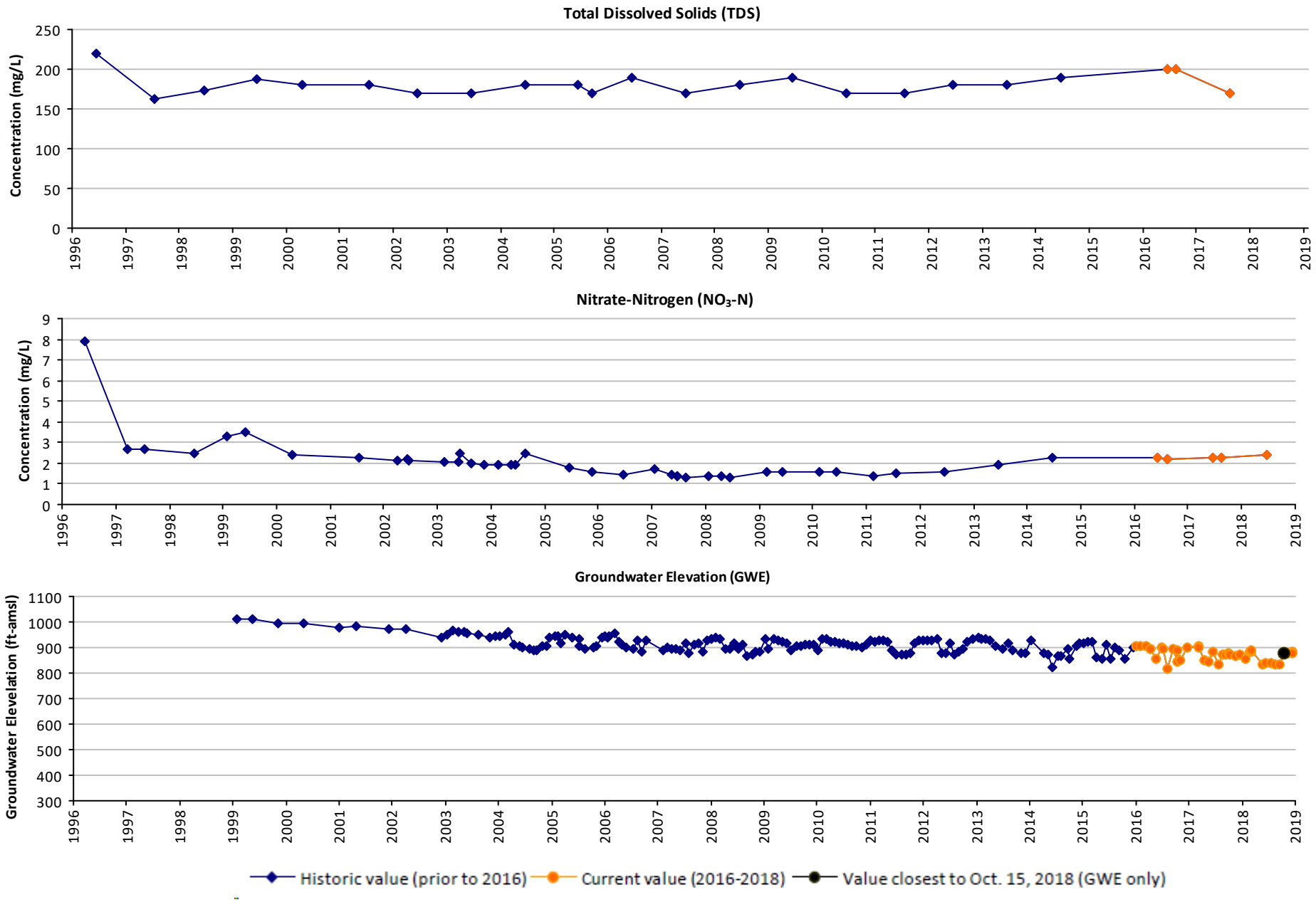
Total Dissolved Solids (TDS)

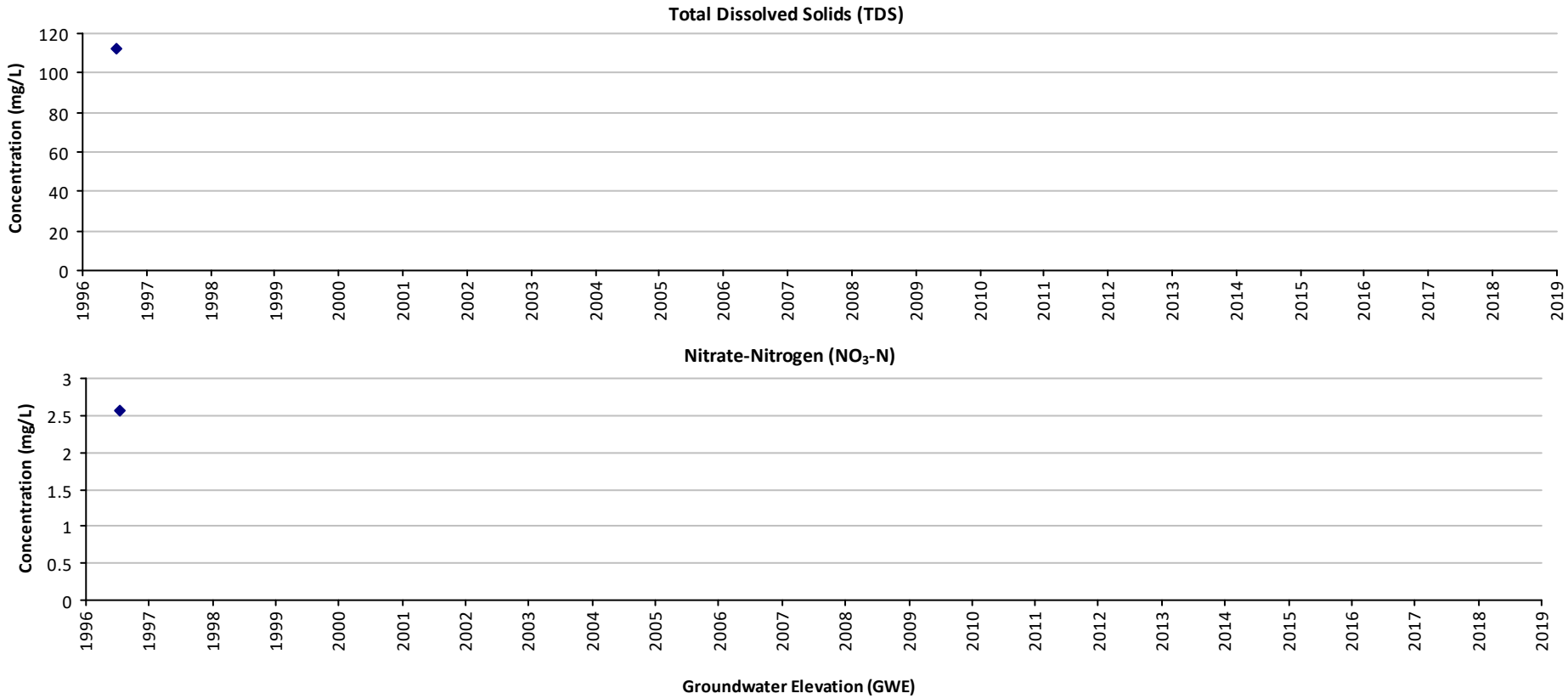
Nitrate-Nitrogen (NO_3-N)

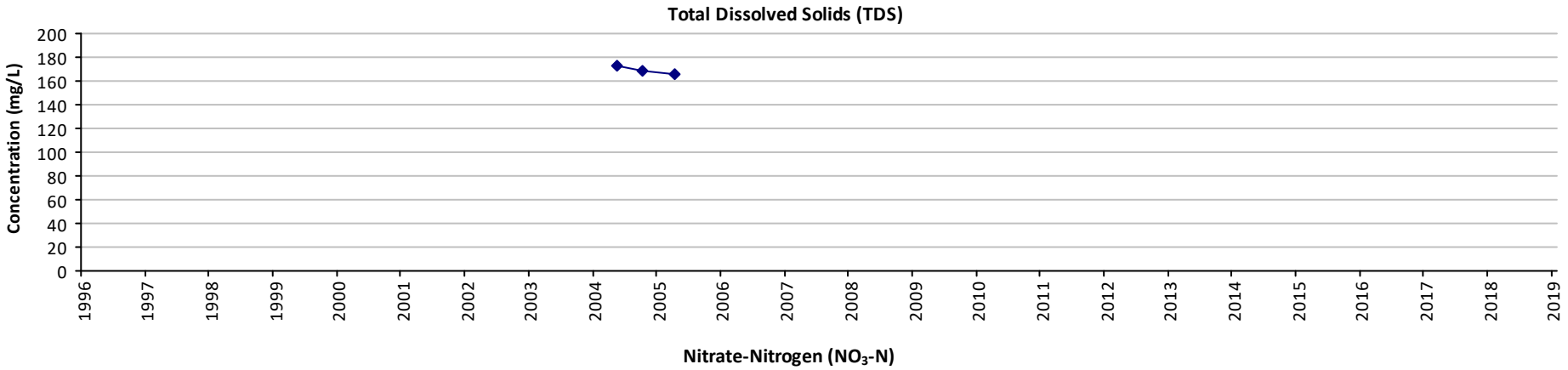


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

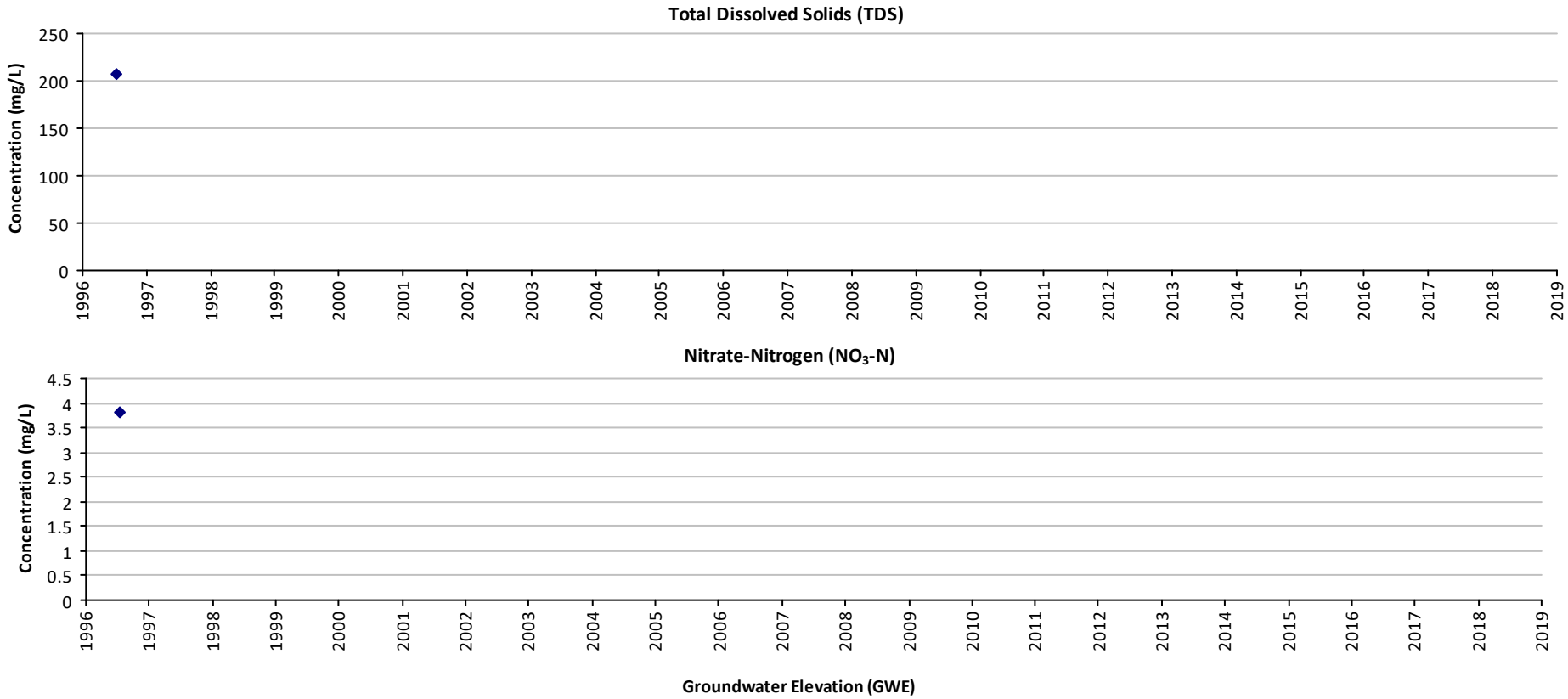

Total Dissolved Solids (TDS)
Concentration (mg/L)
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



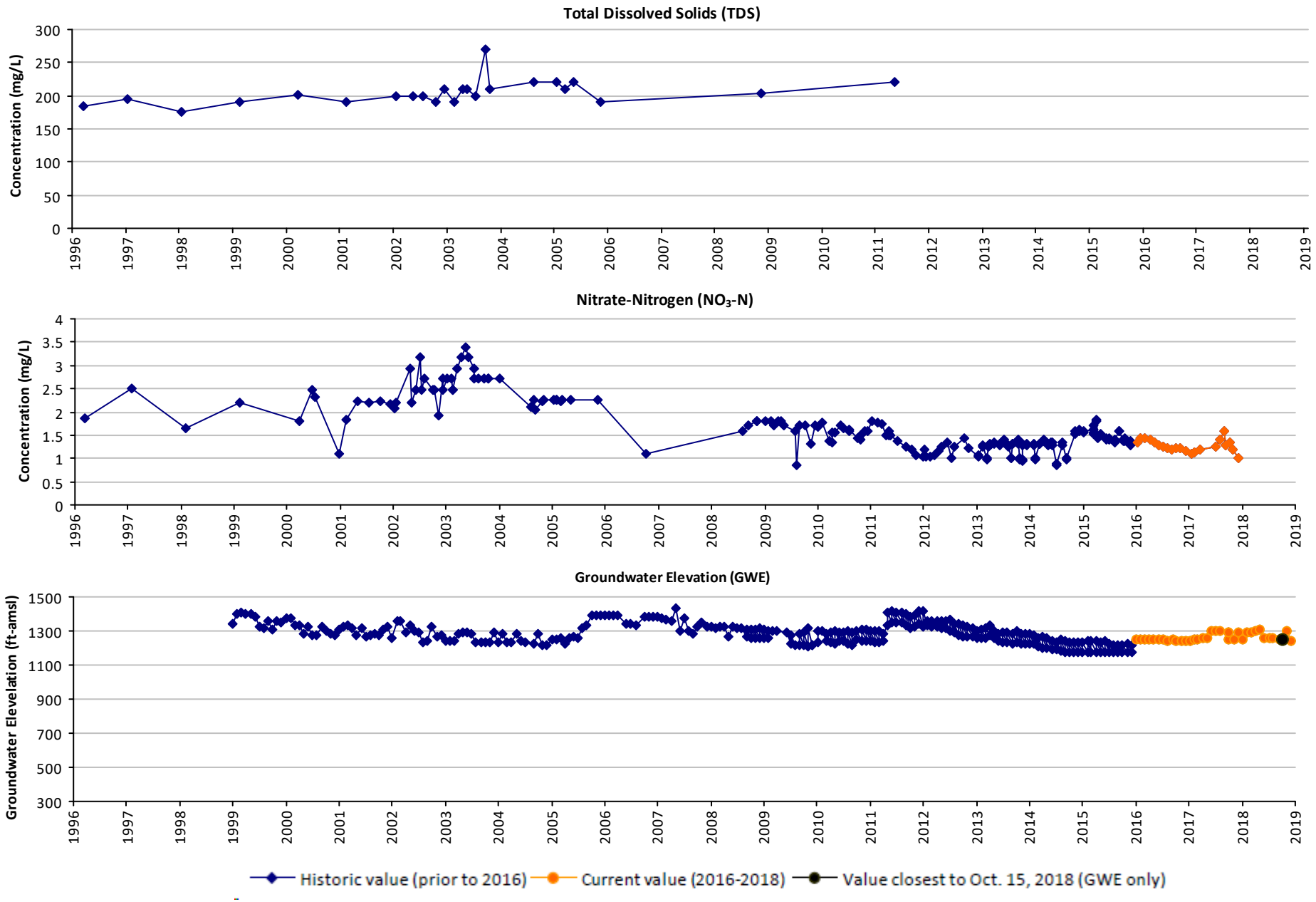
Nitrate-Nitrogen (NO_3-N)

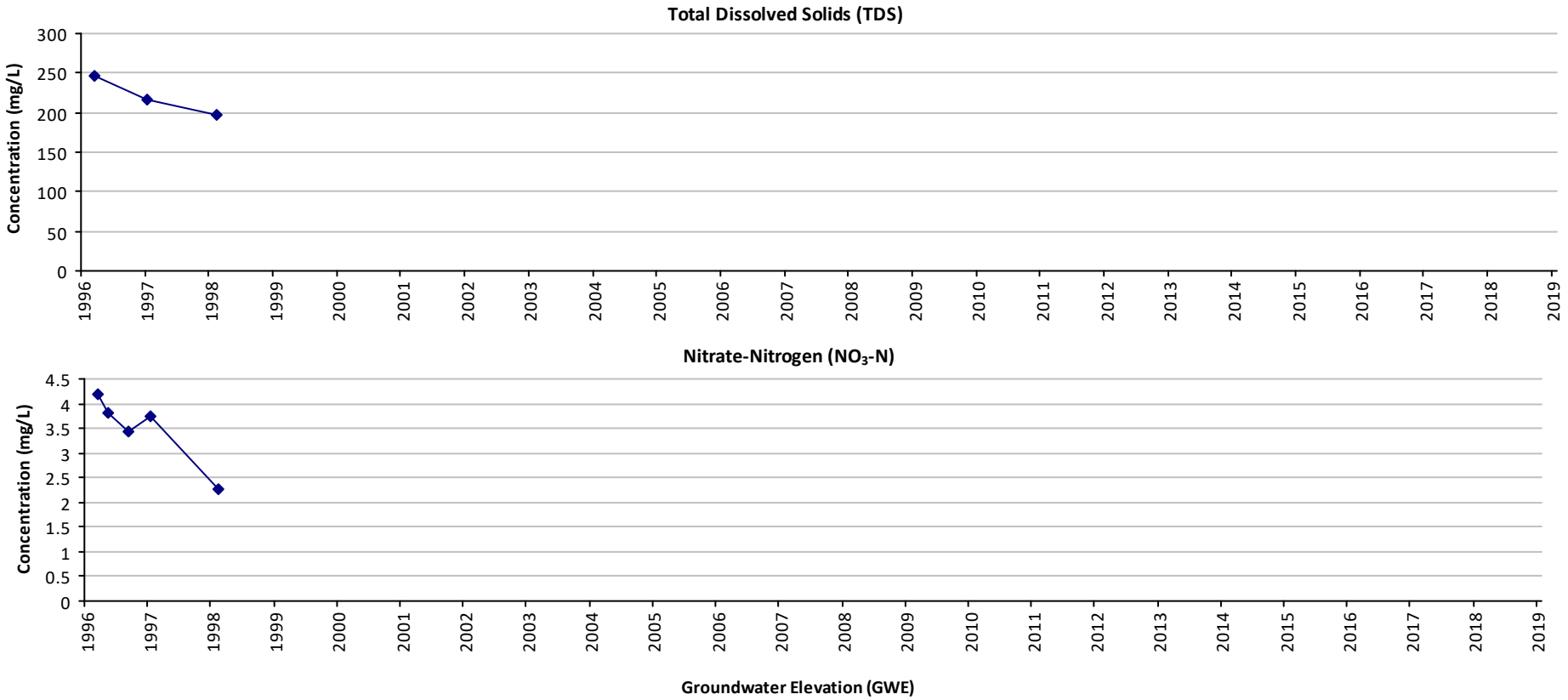
Groundwater Elevation (GWE)

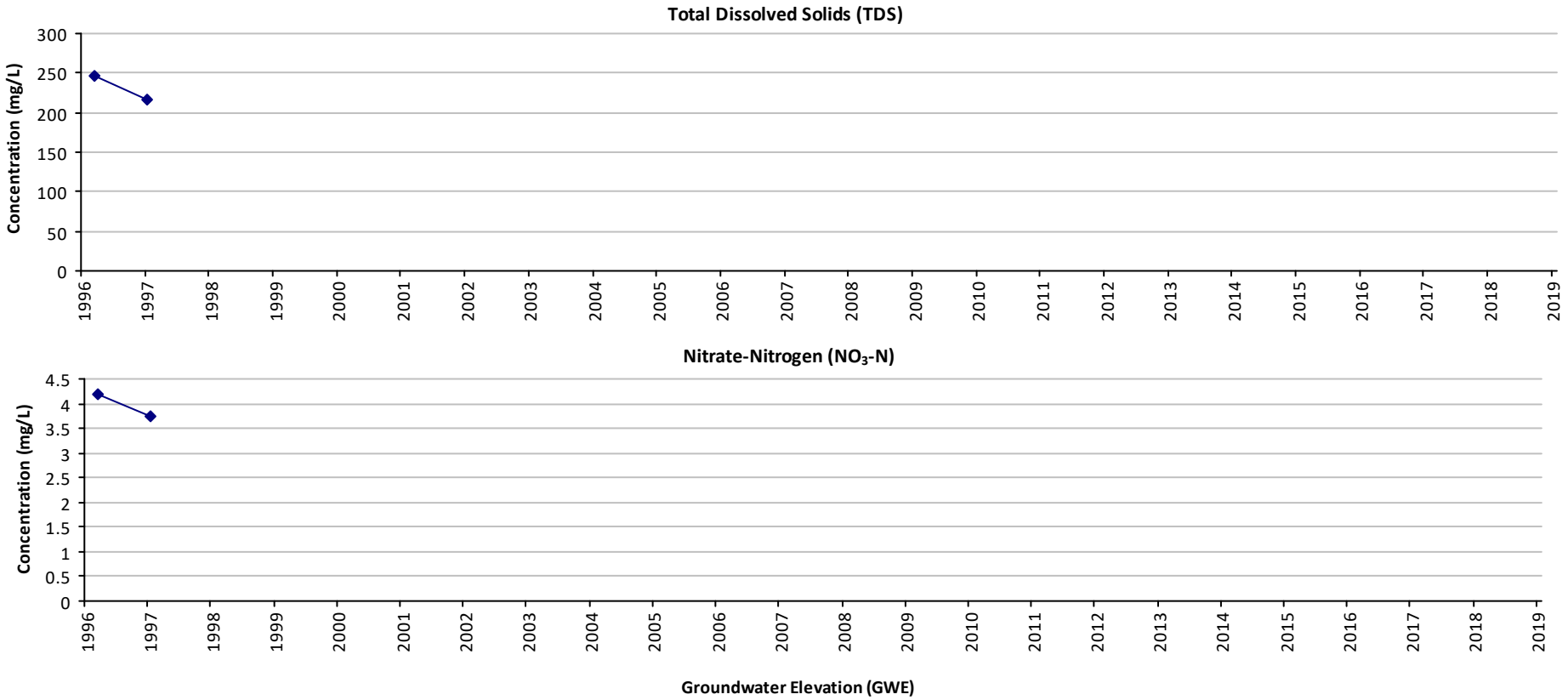
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
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2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
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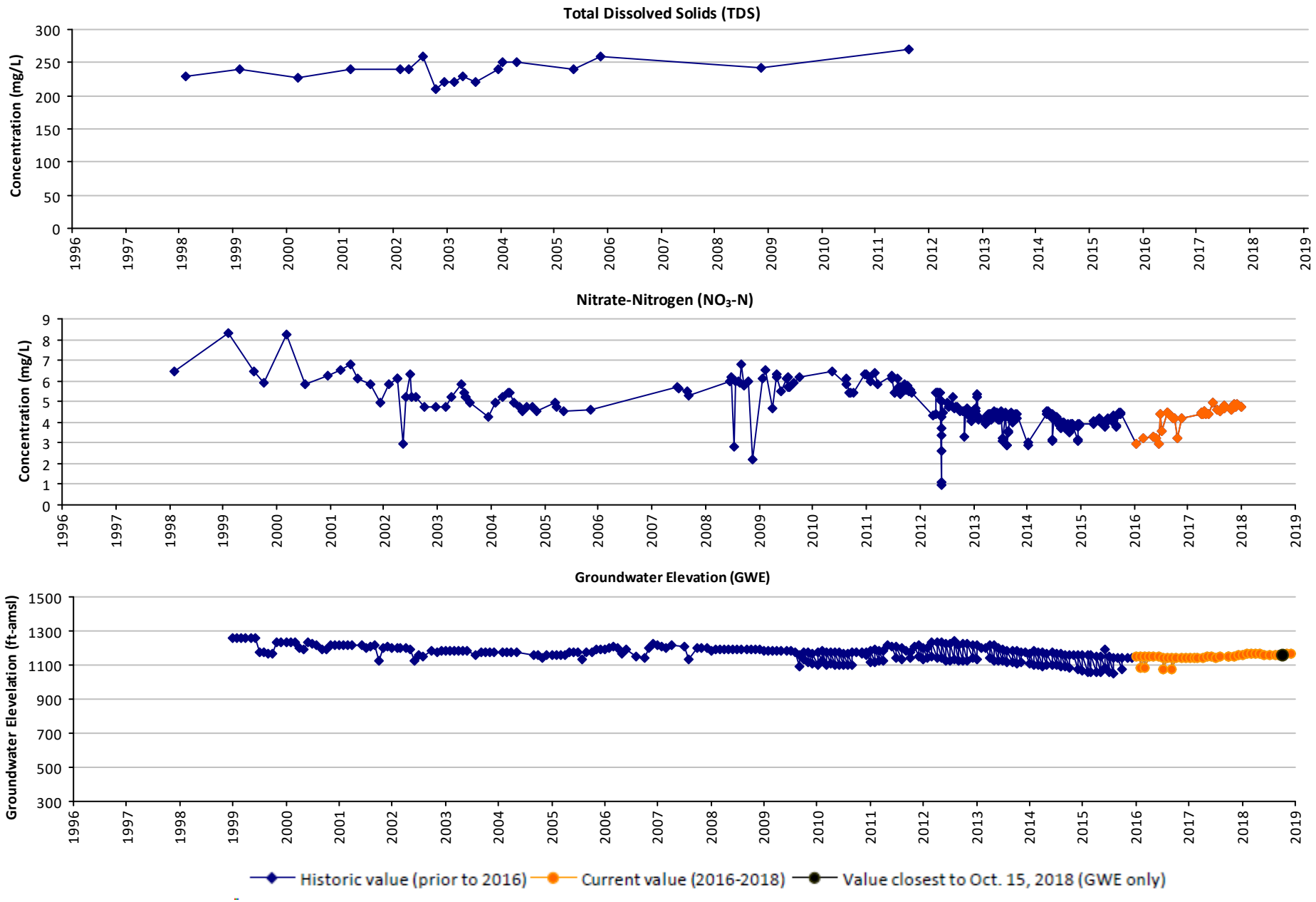
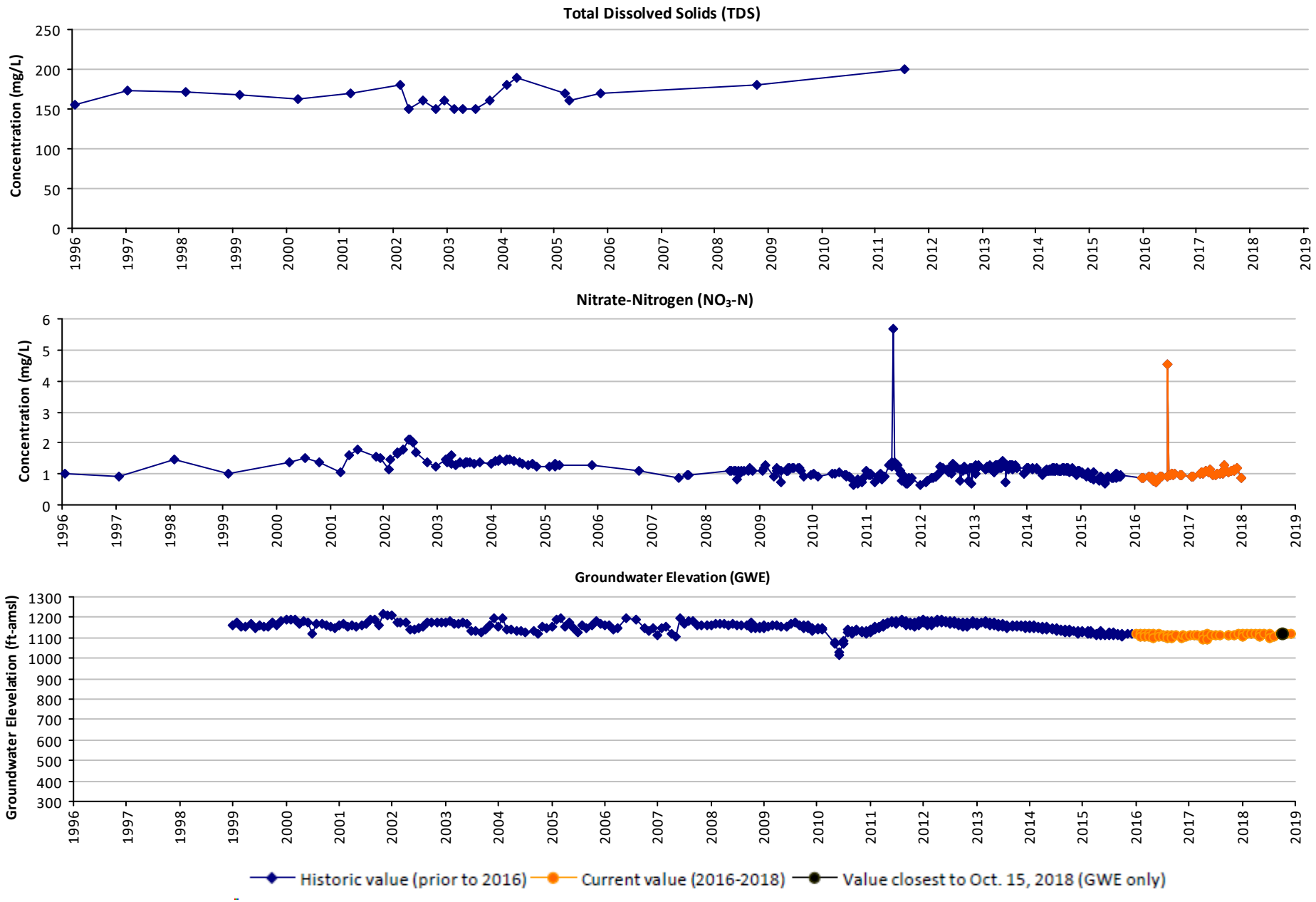
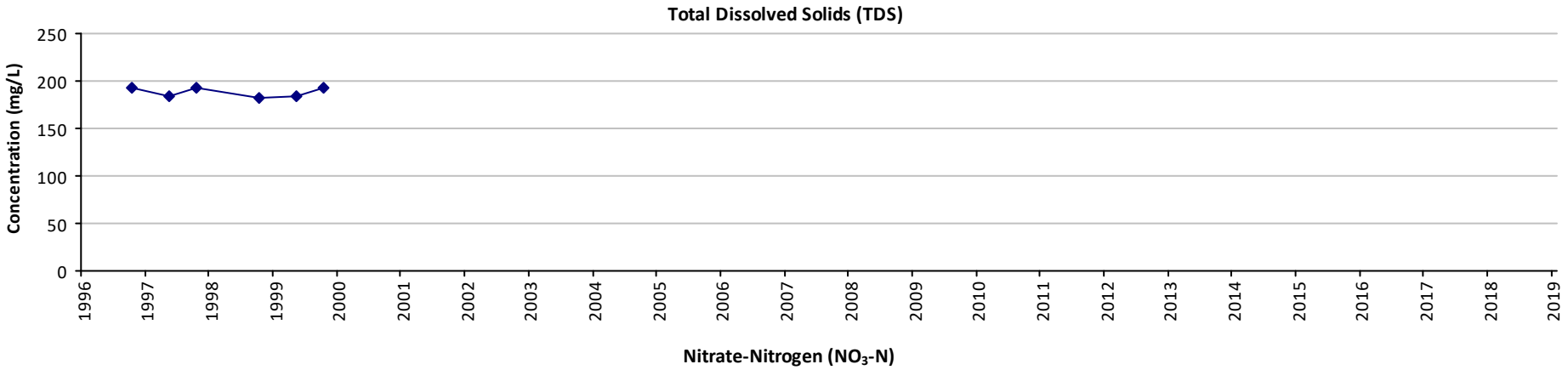
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
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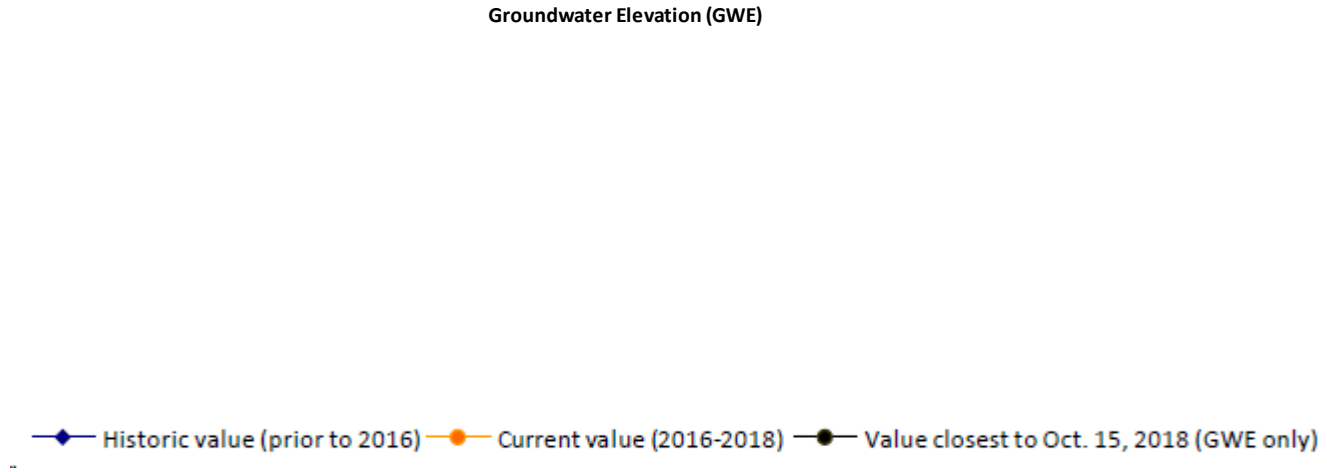
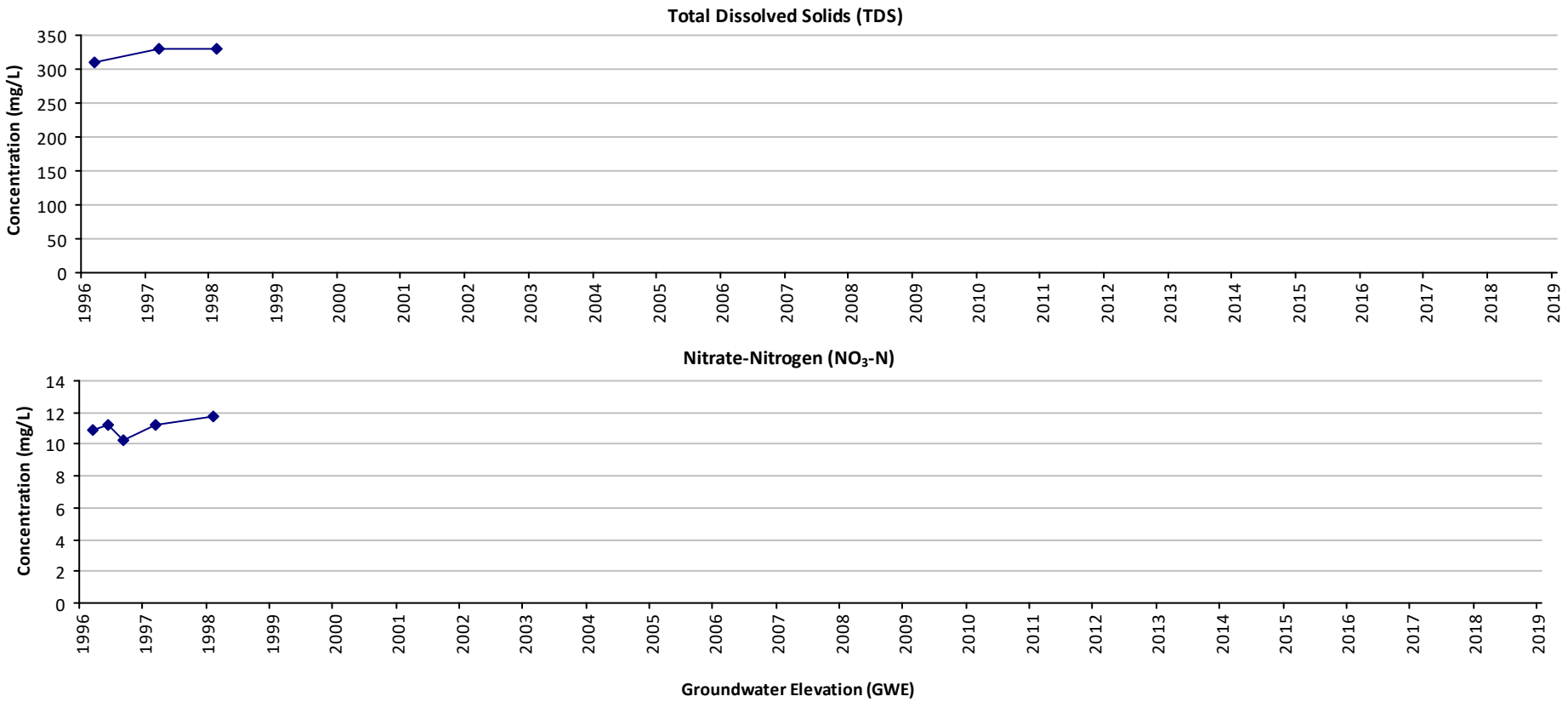
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
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2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
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2016
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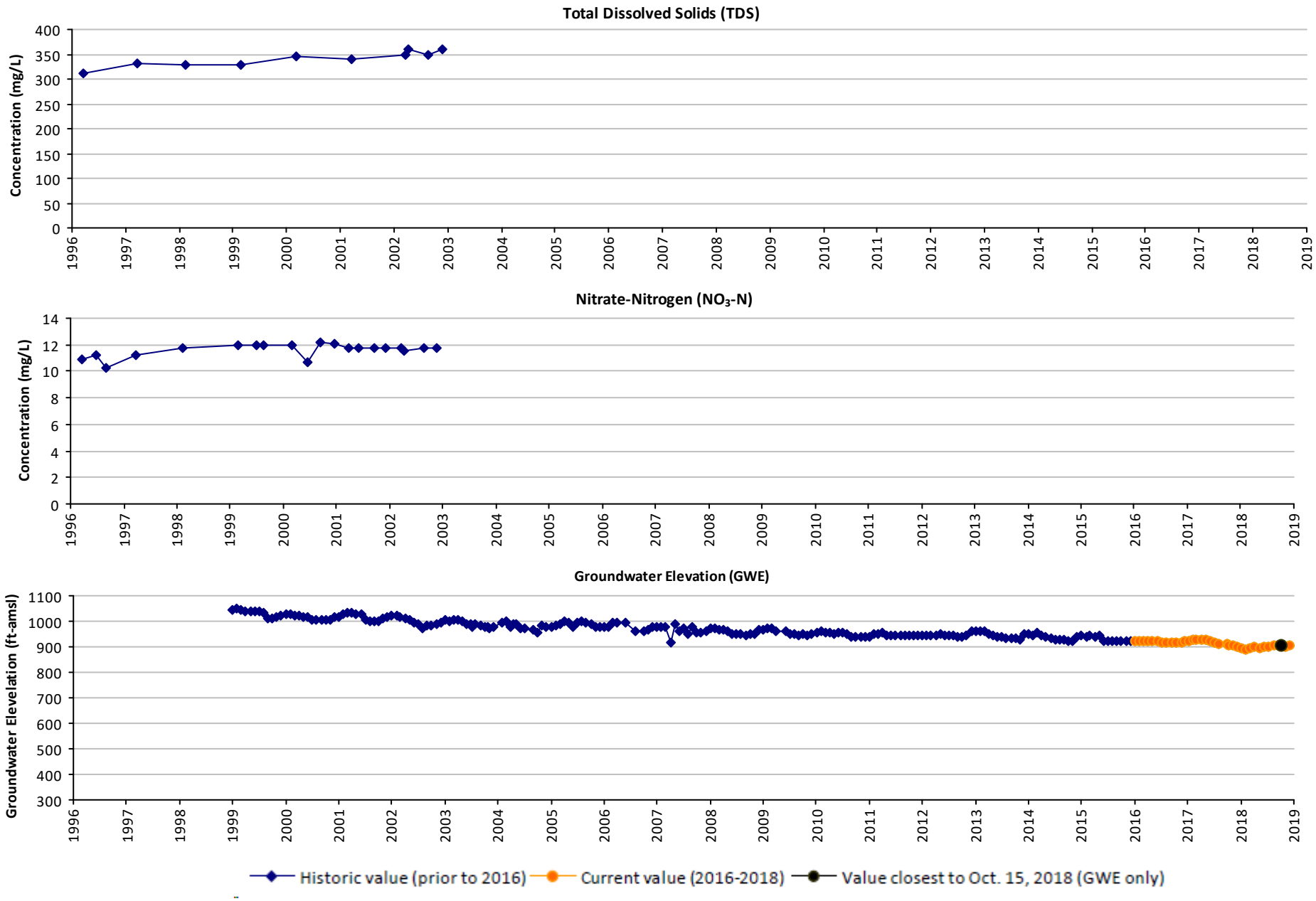
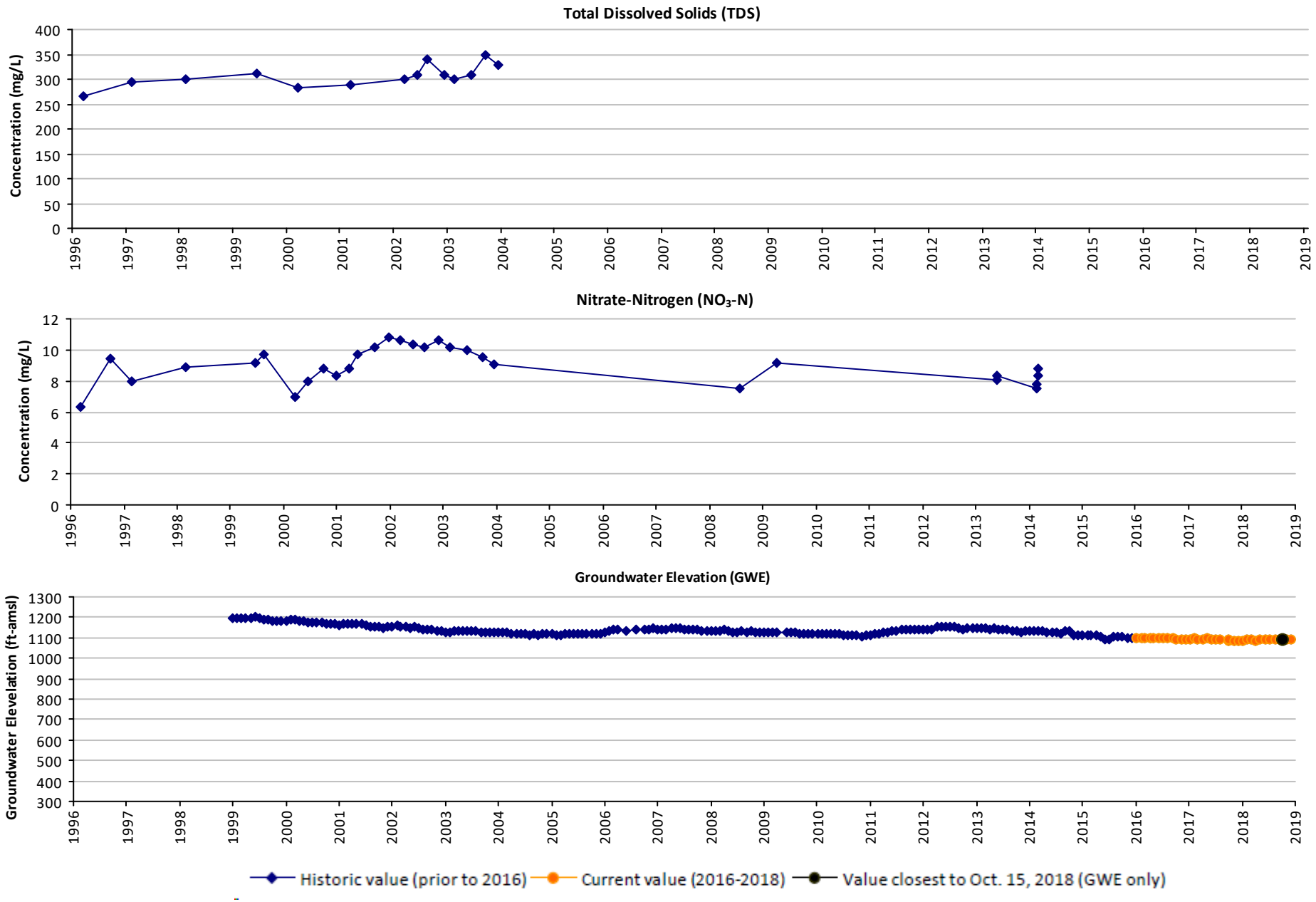
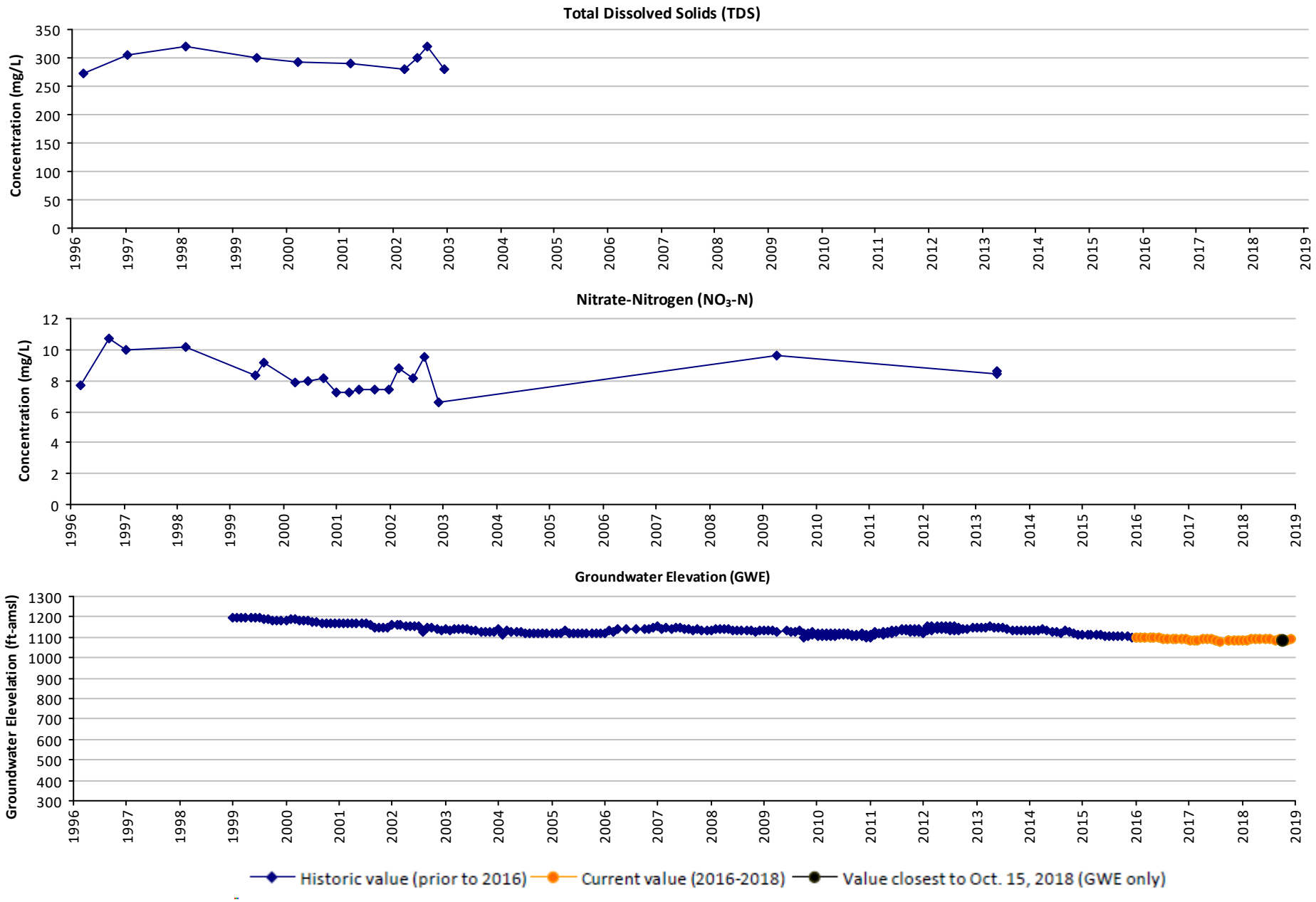
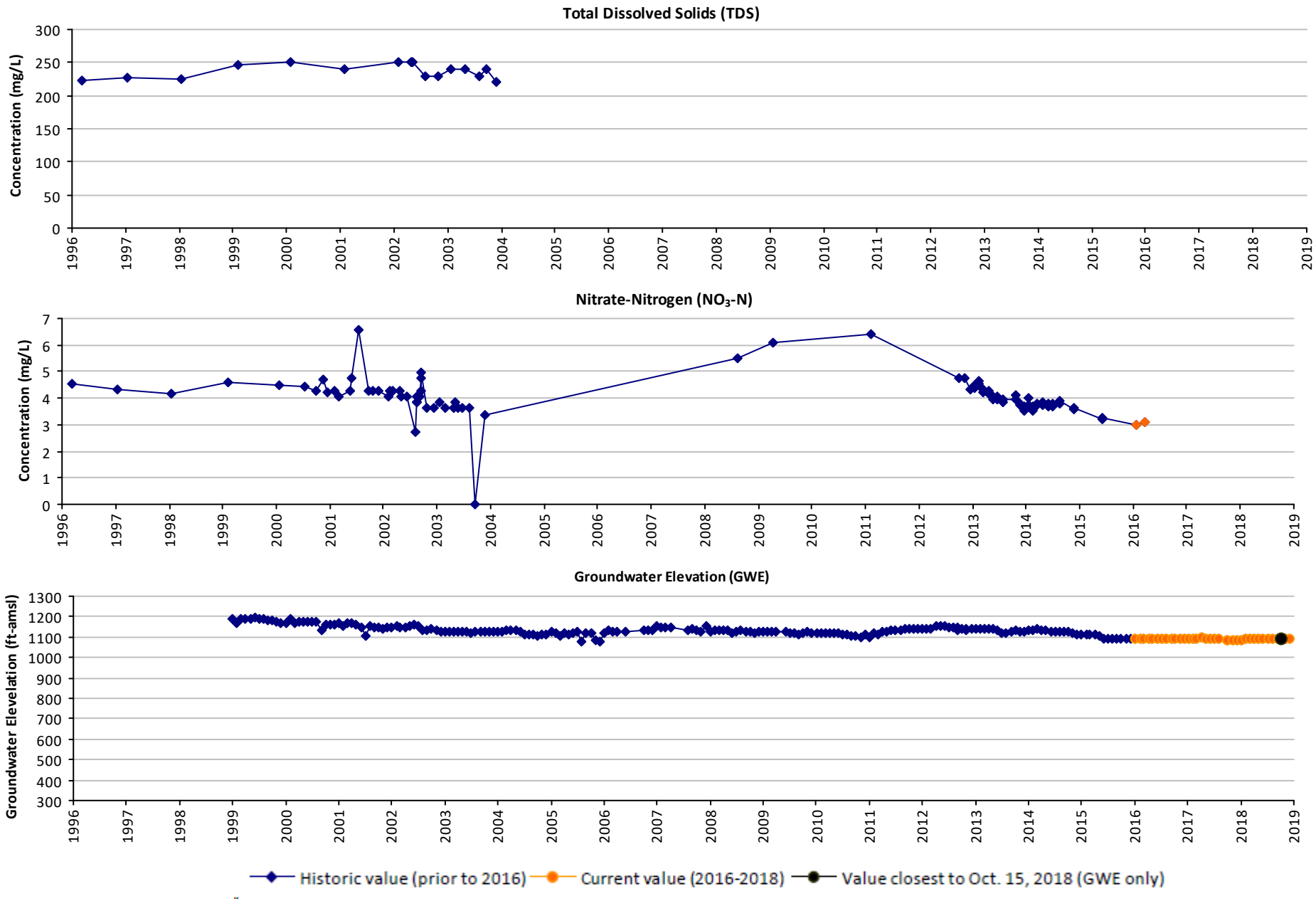
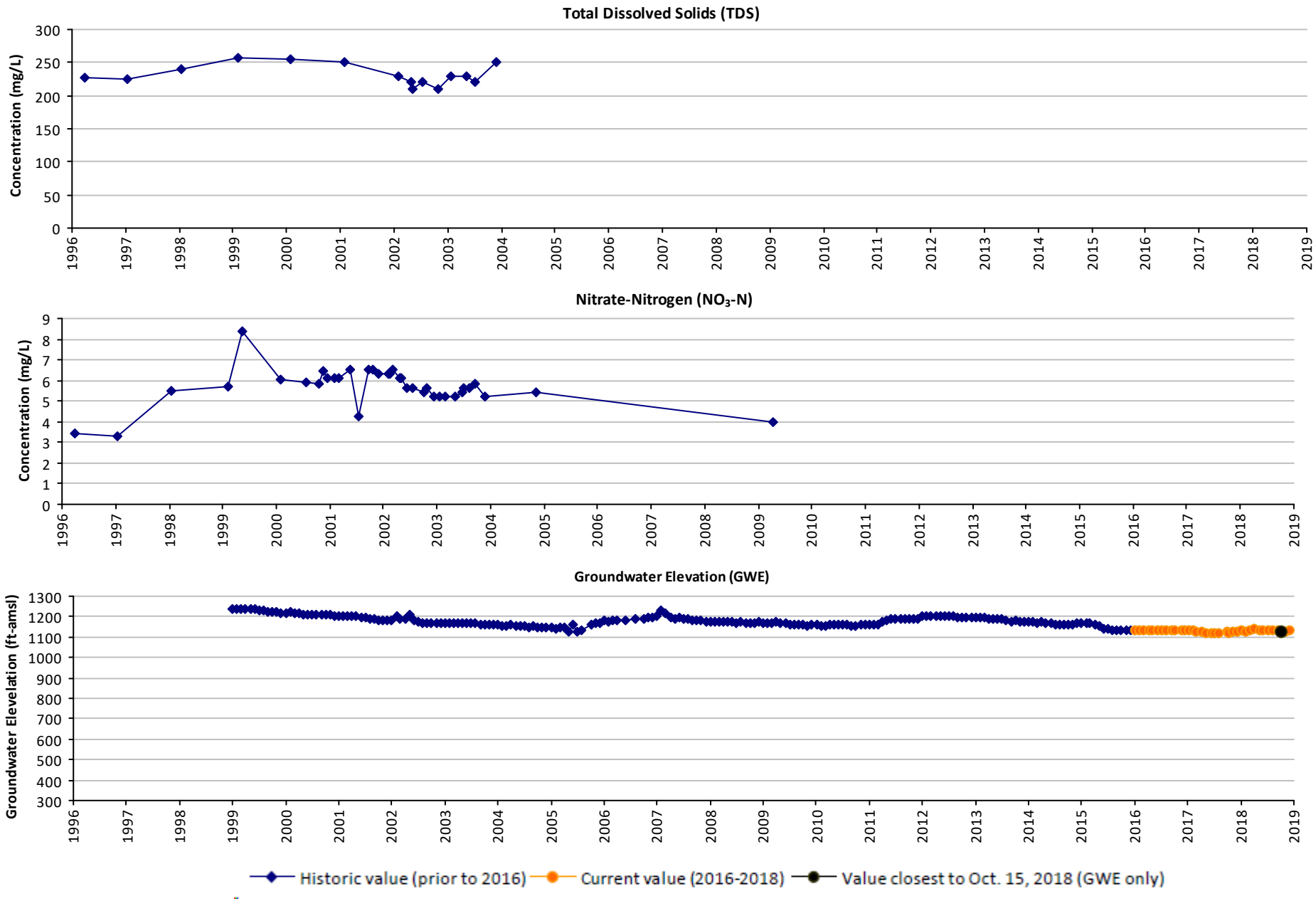
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

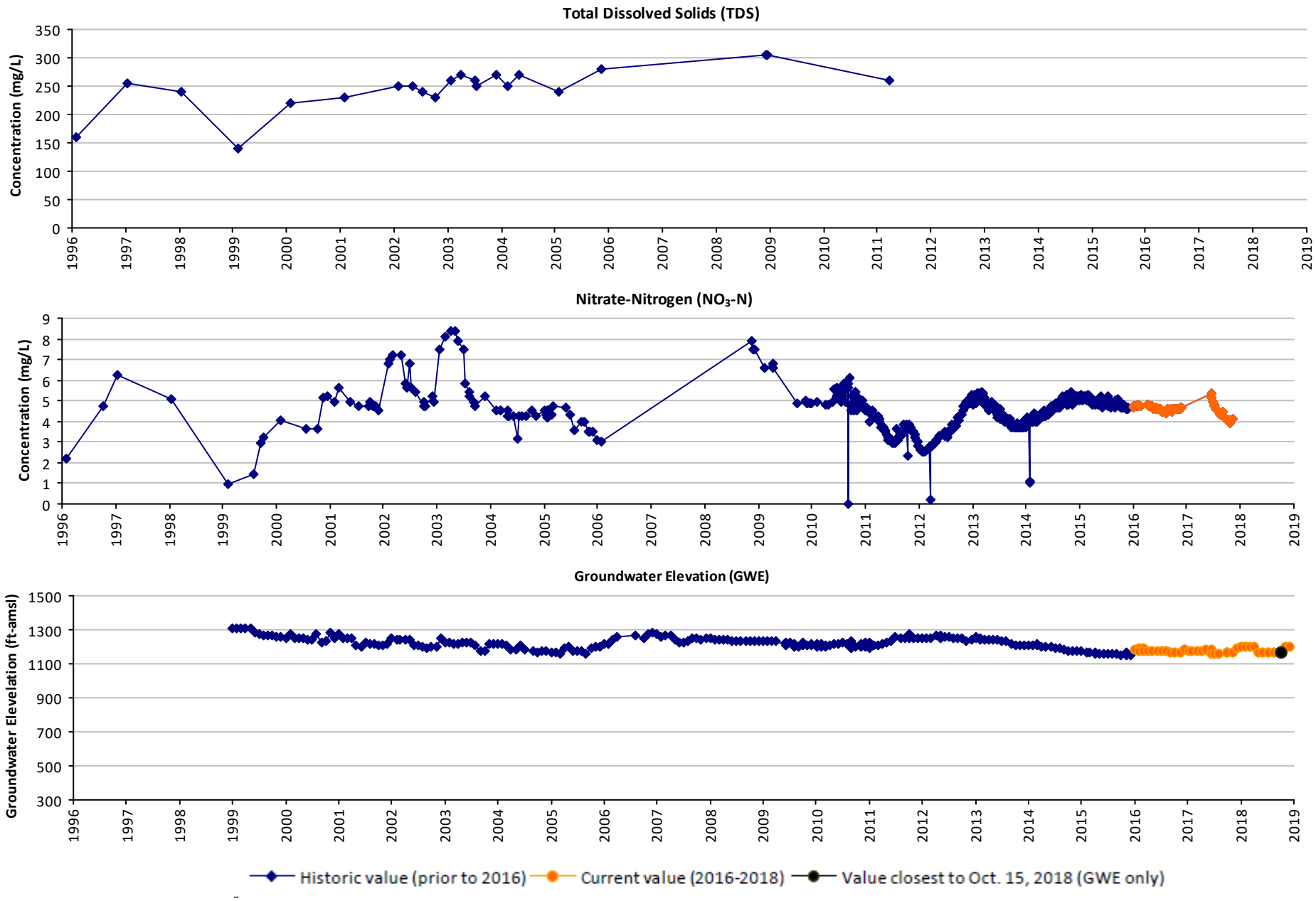

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

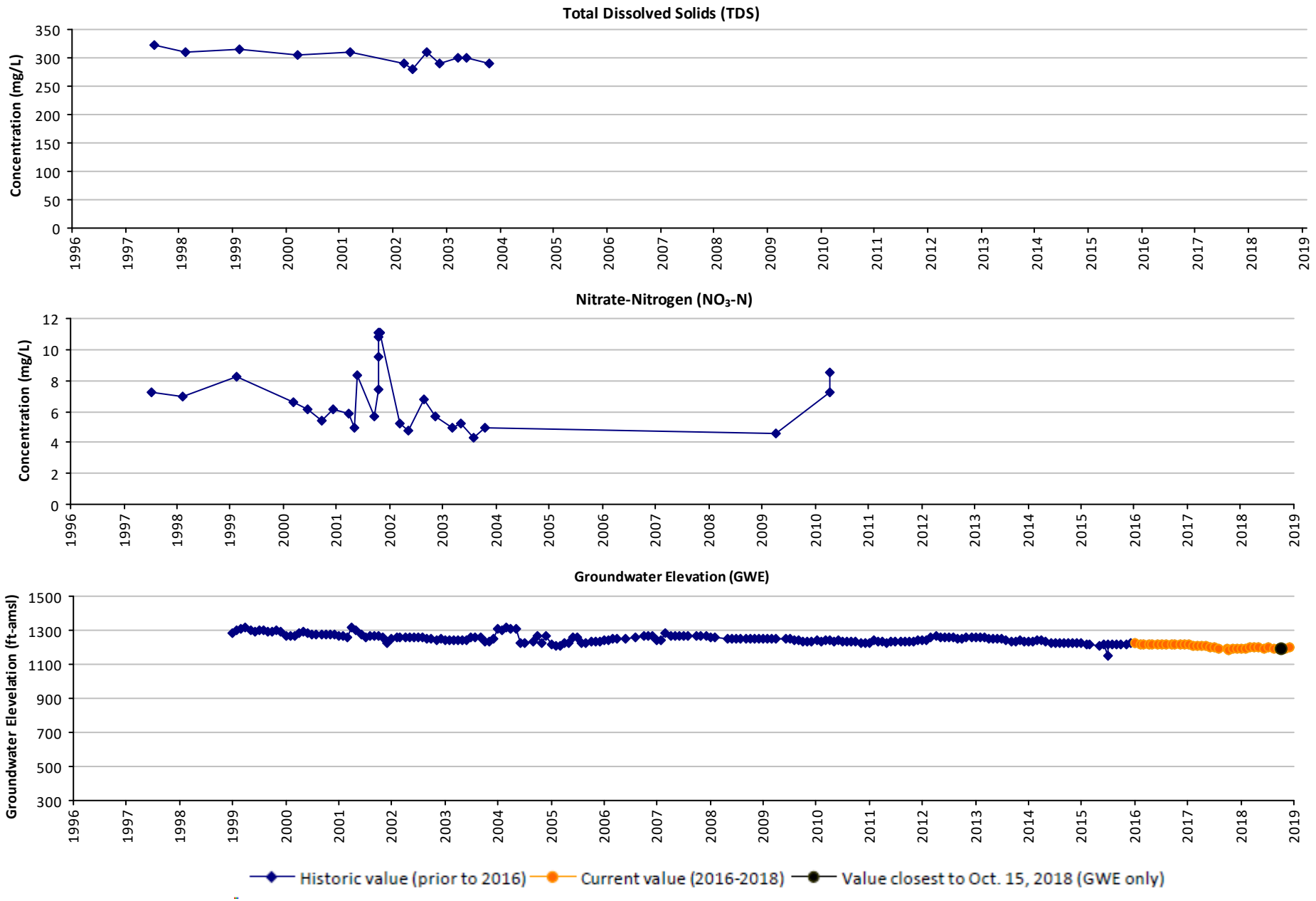

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

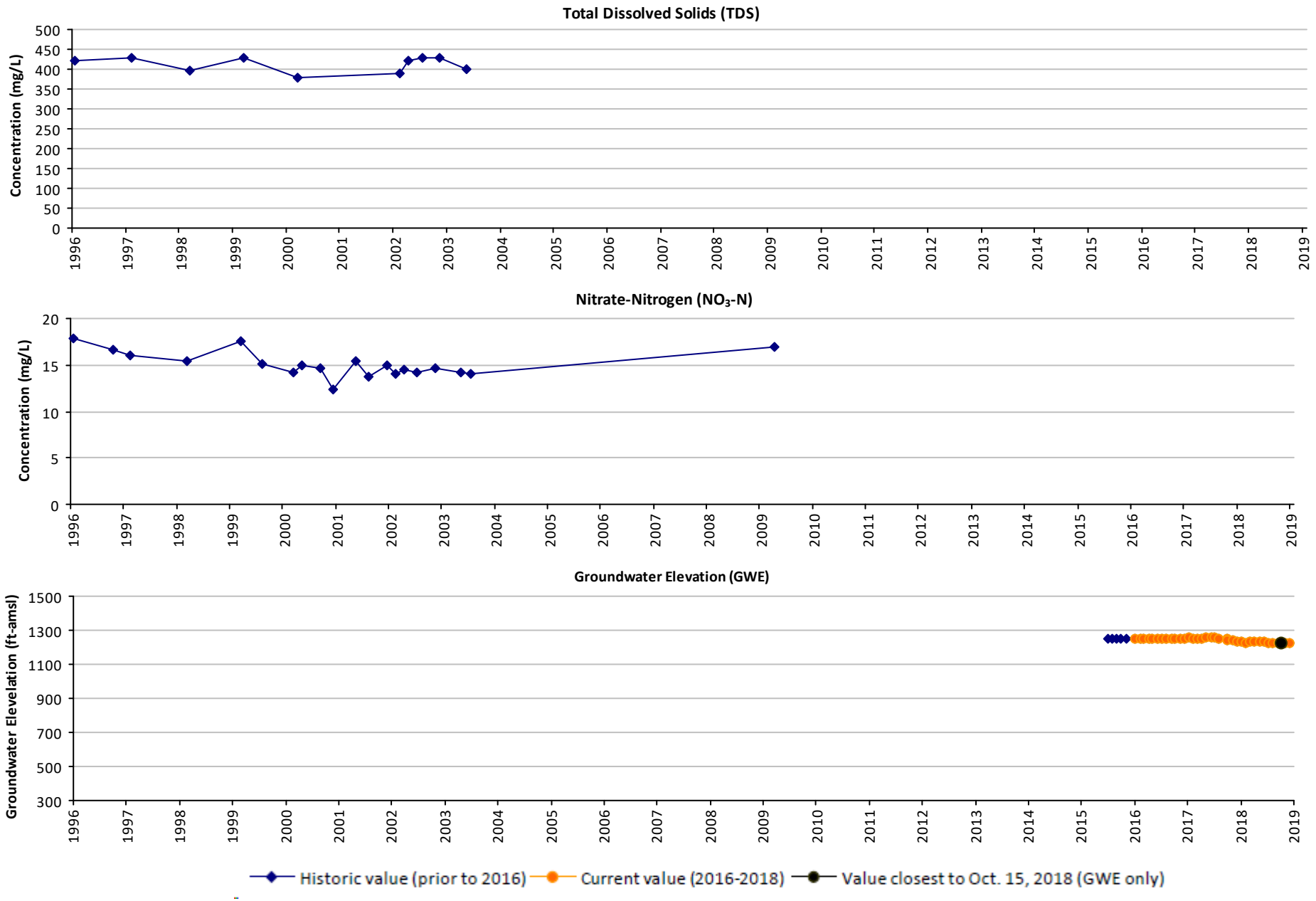

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

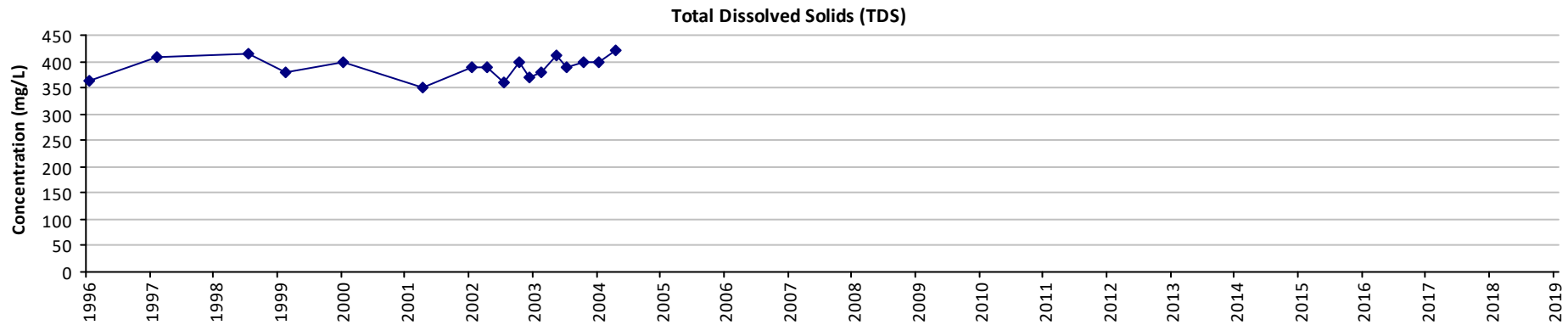

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
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2016
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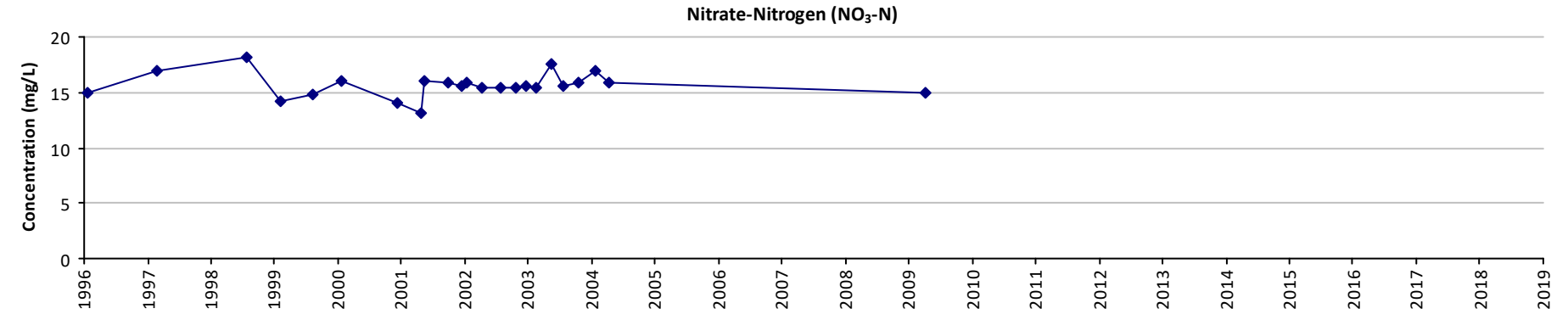
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
1997
1998
1999
2000
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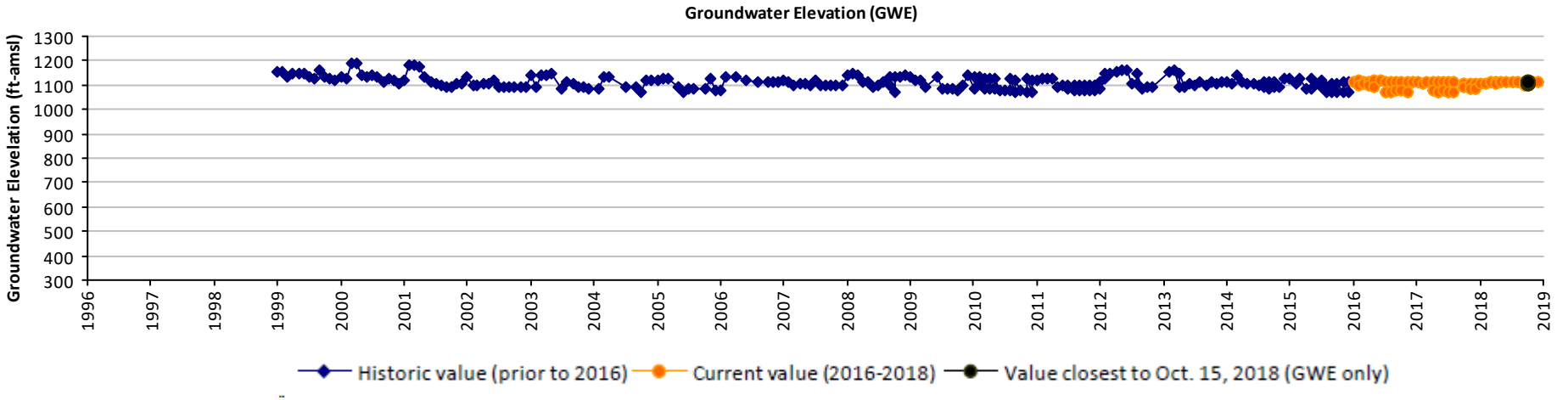
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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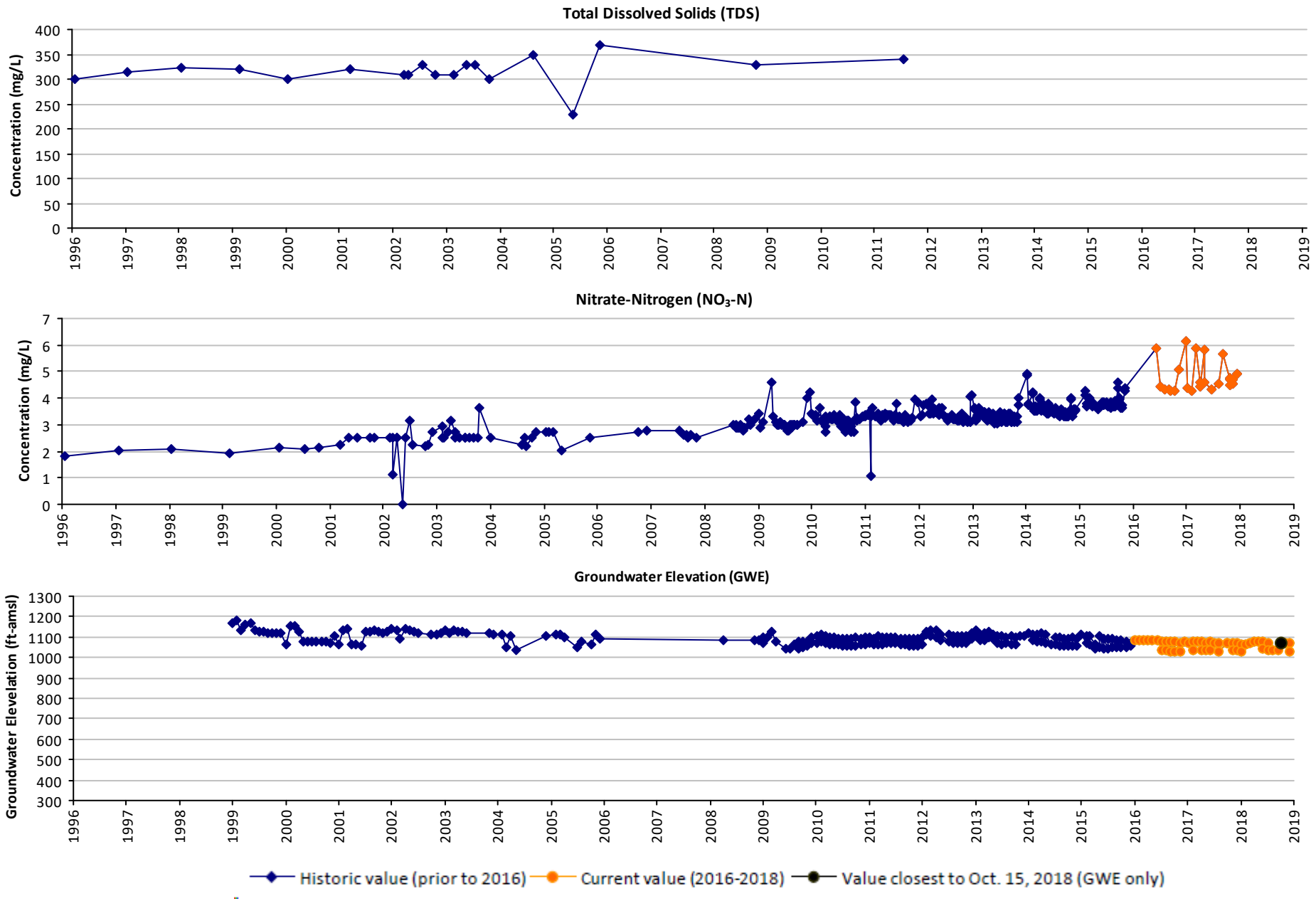
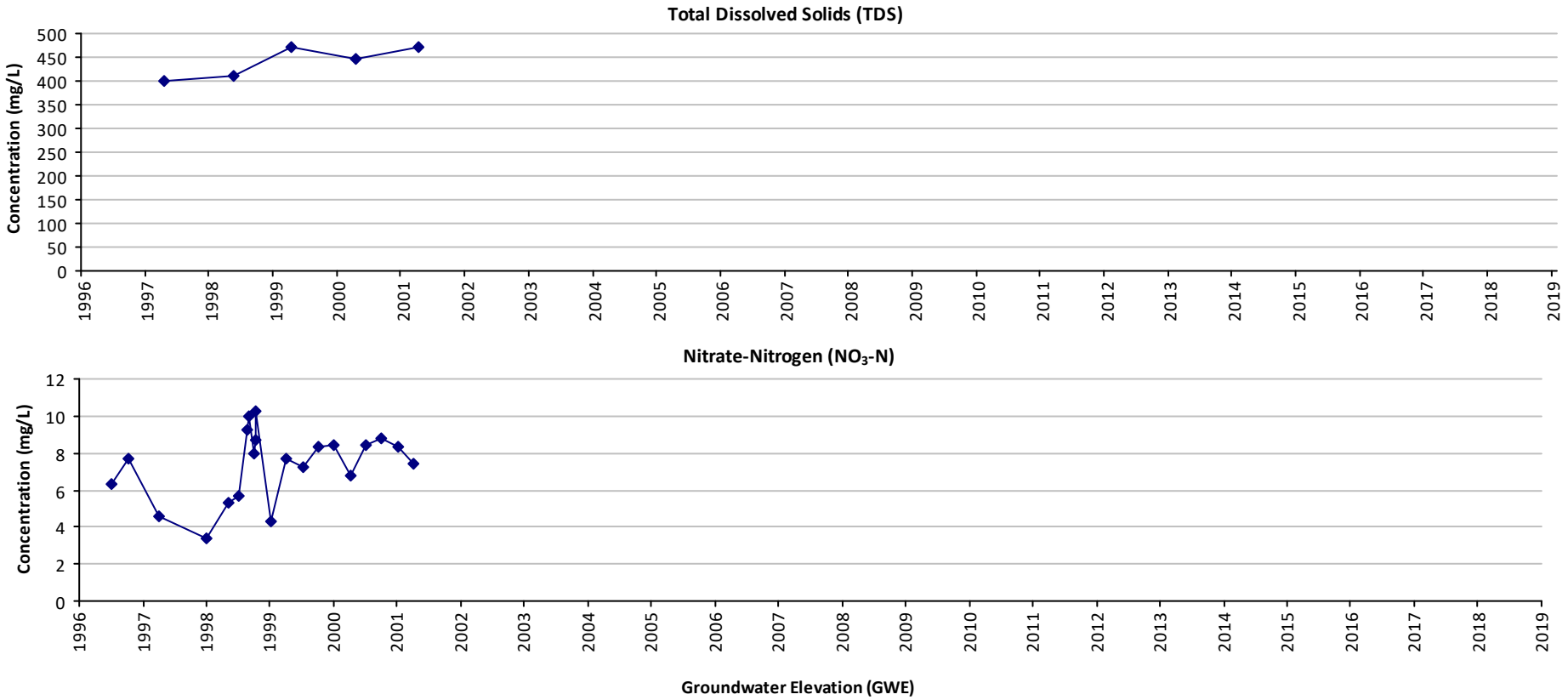
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
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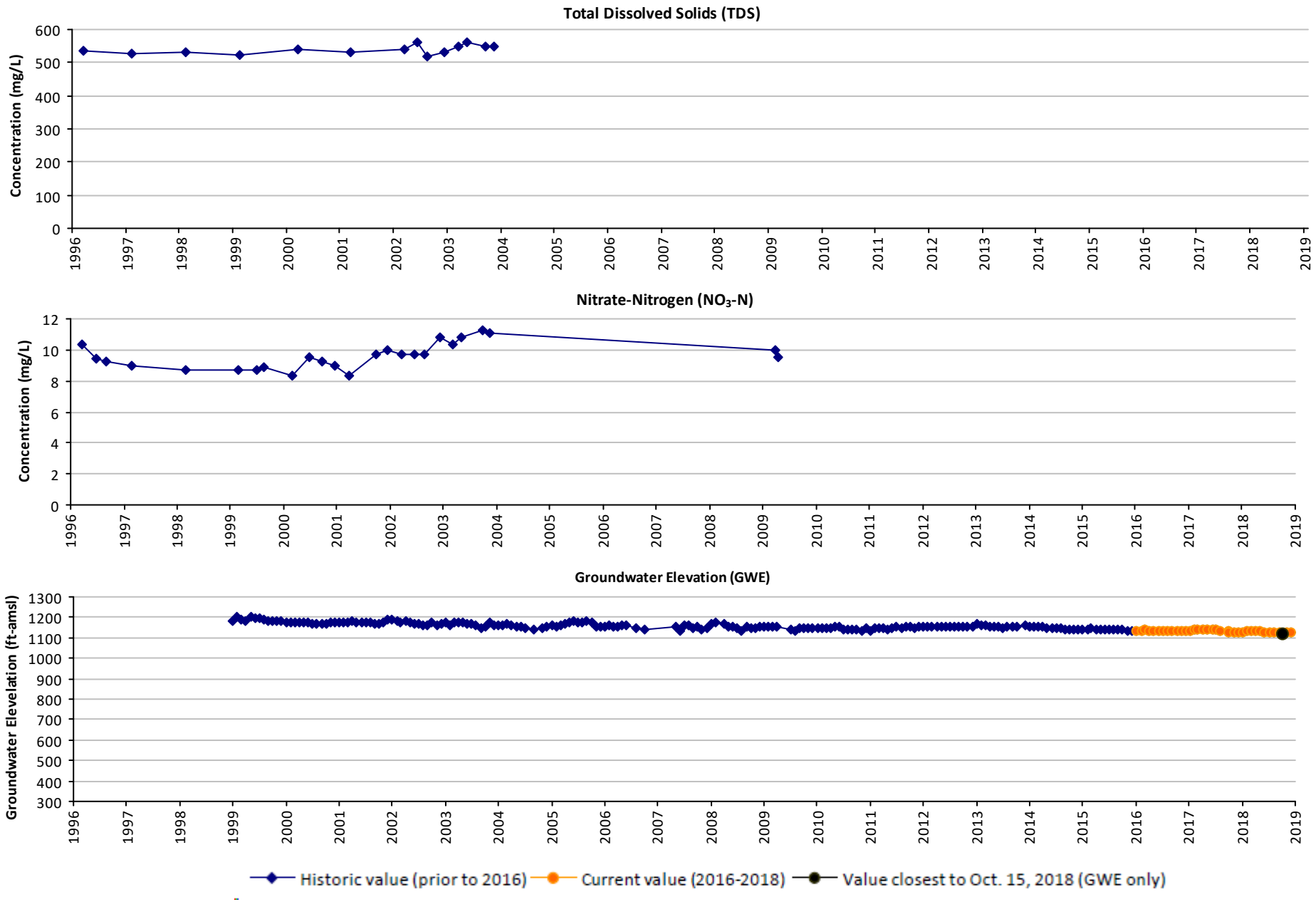
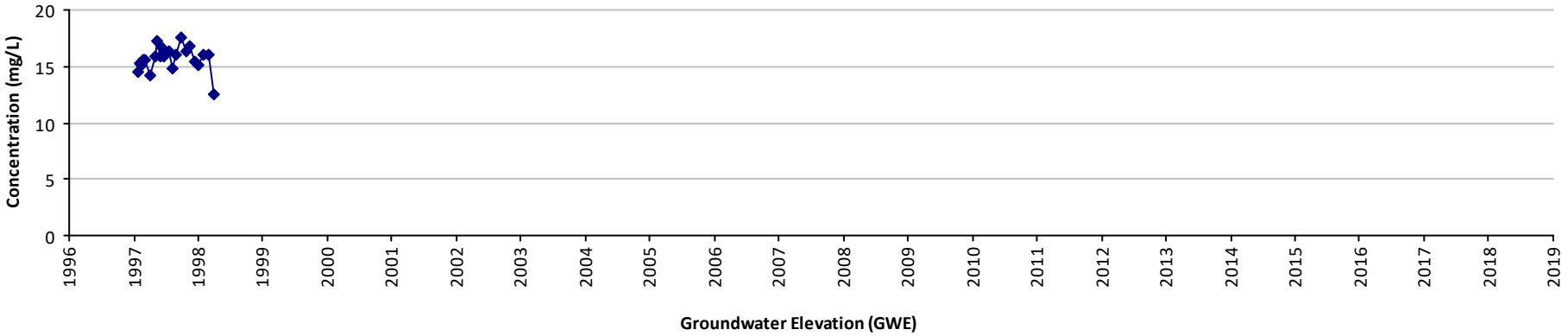
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

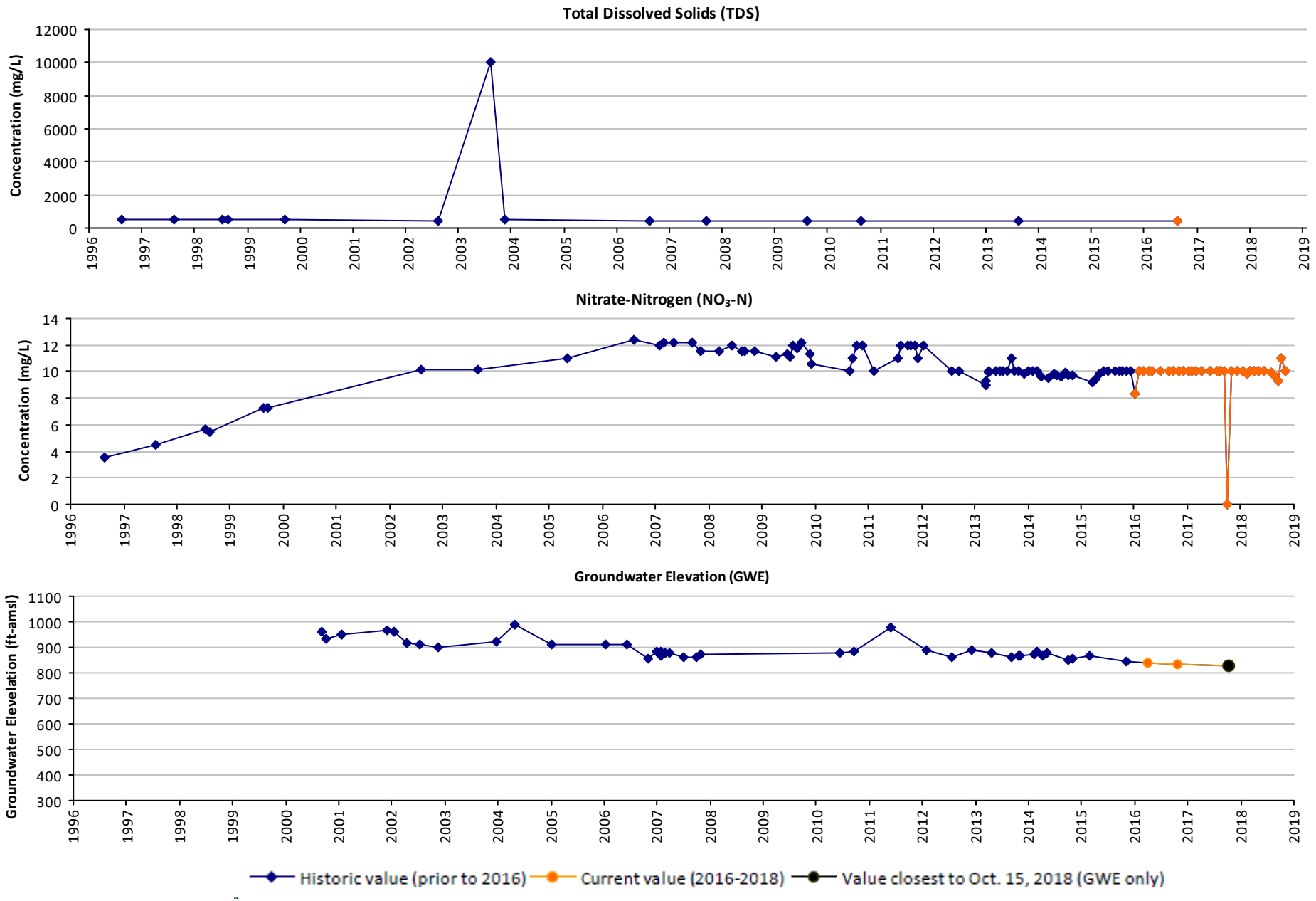

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

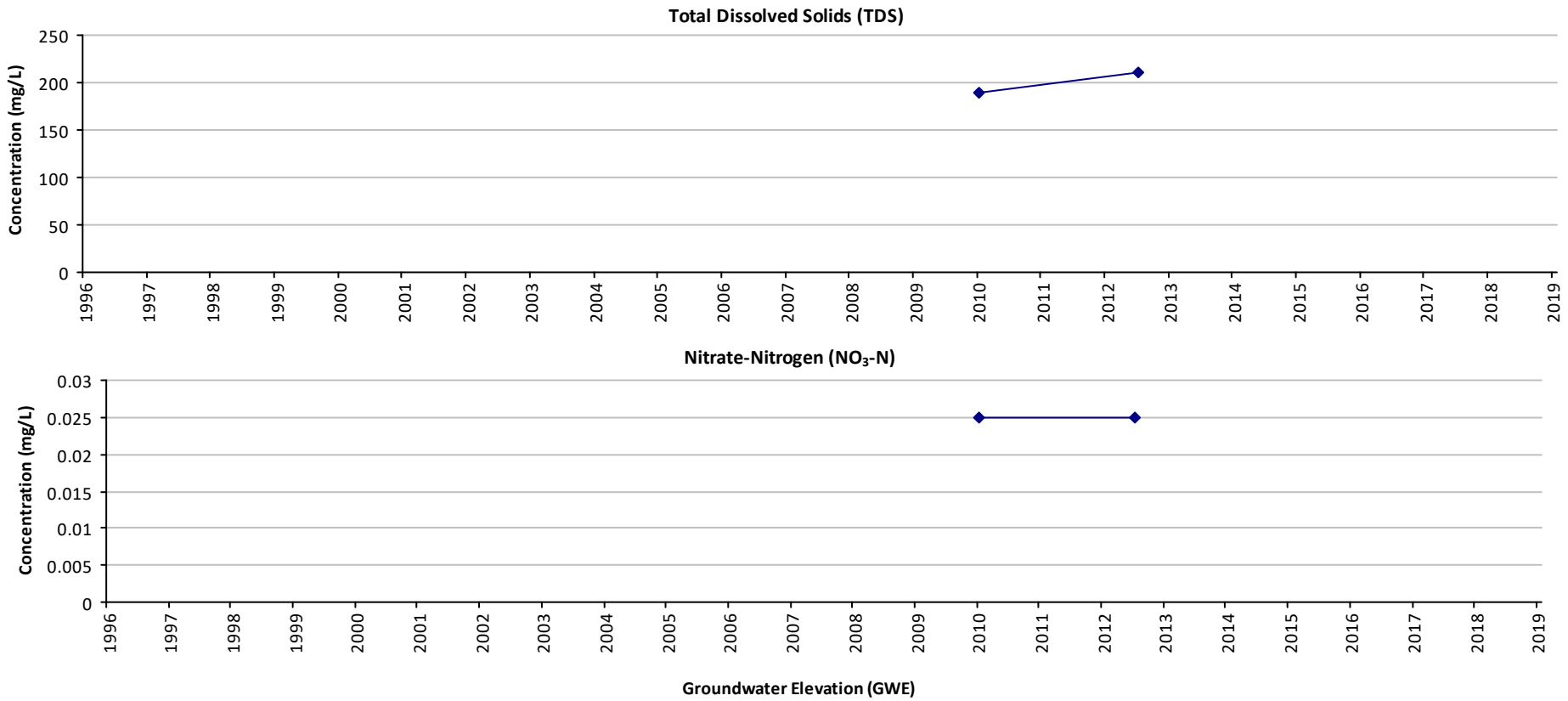
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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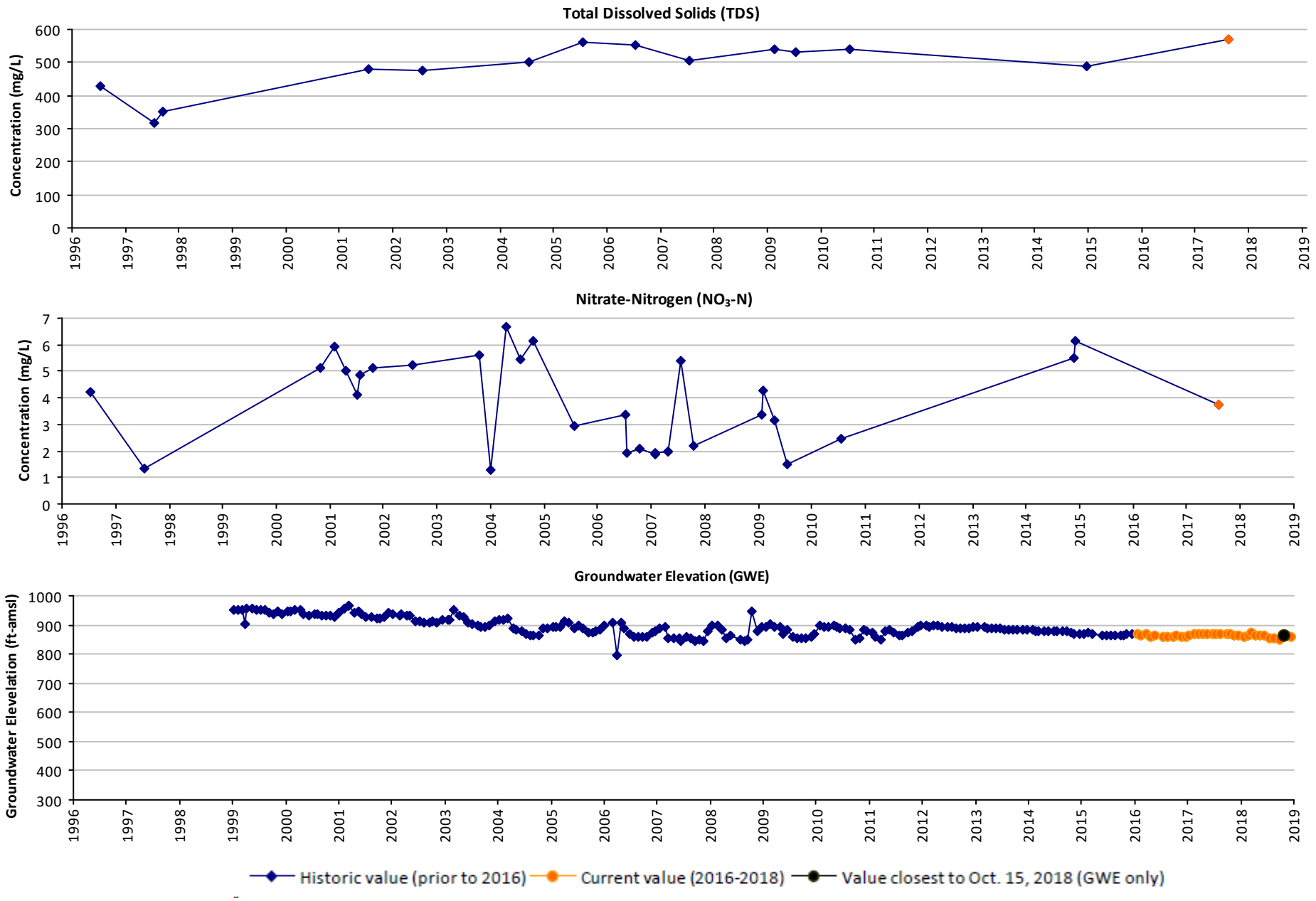
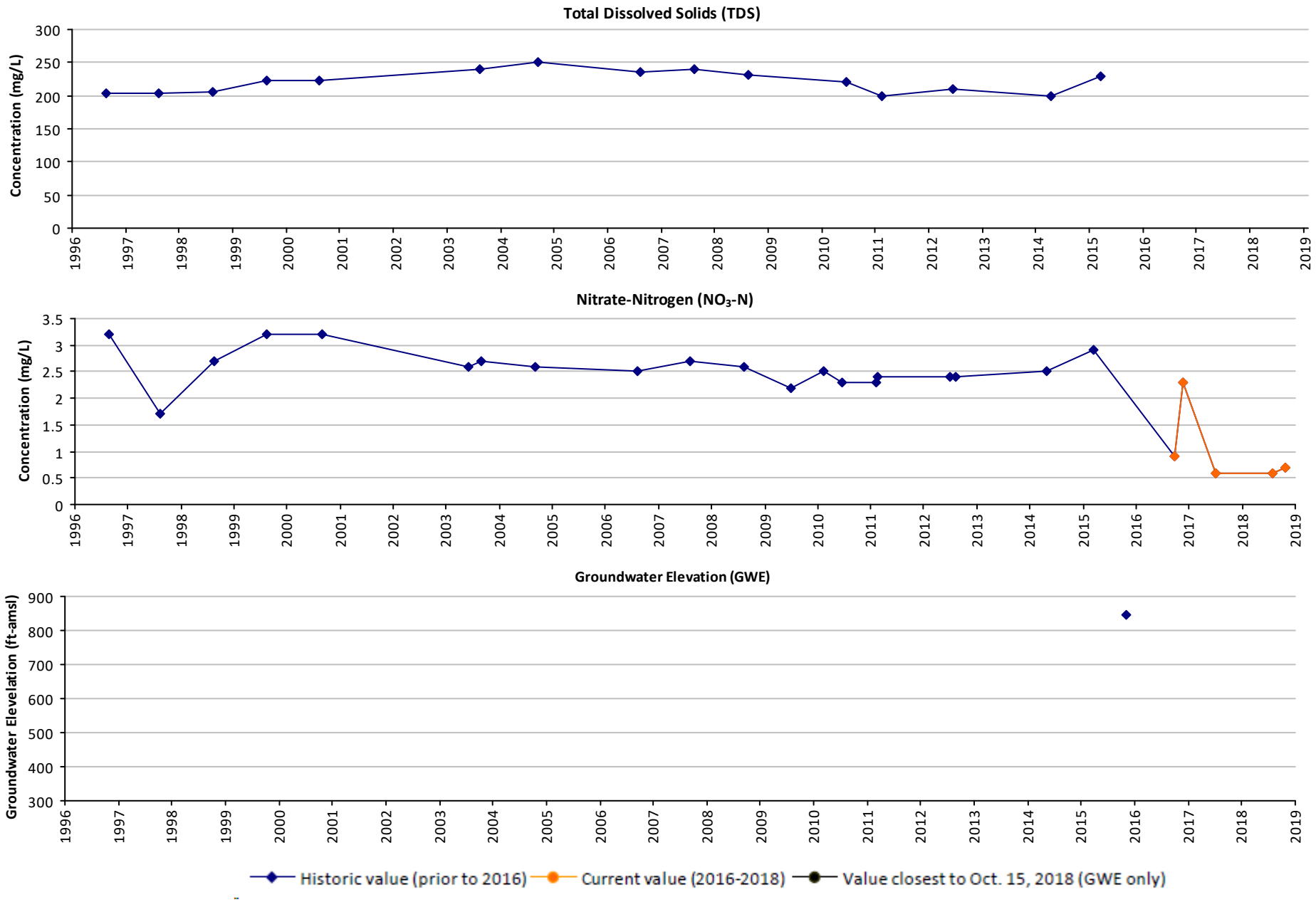
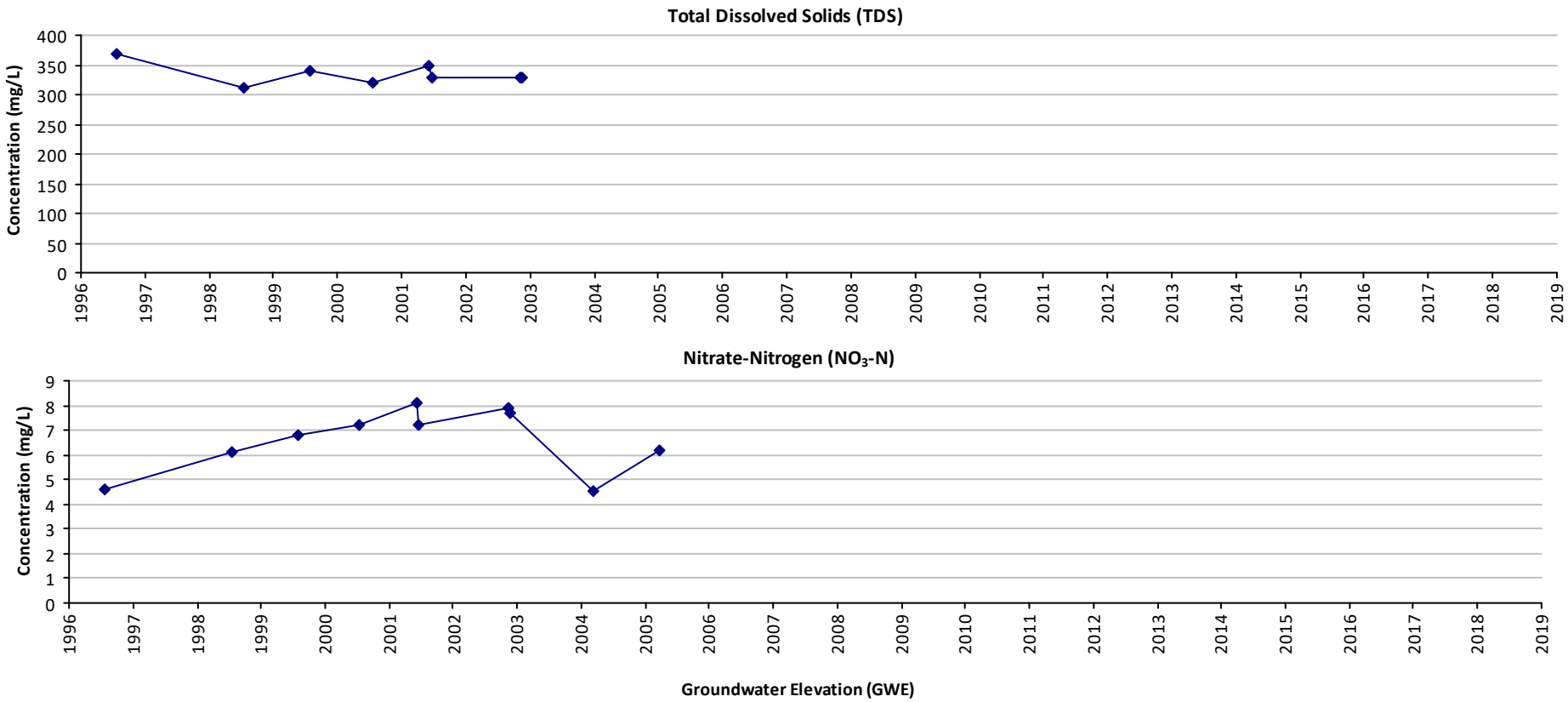
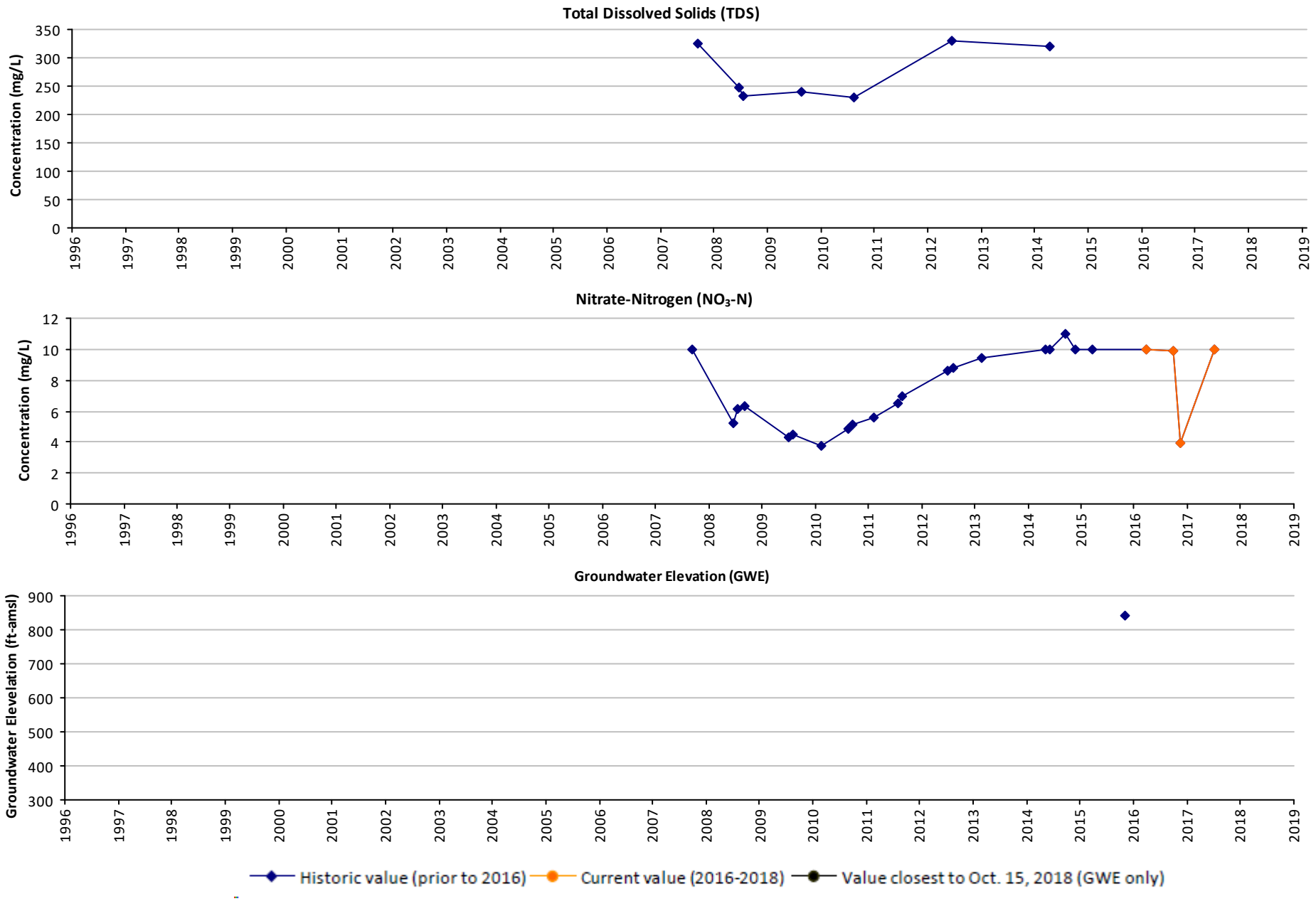
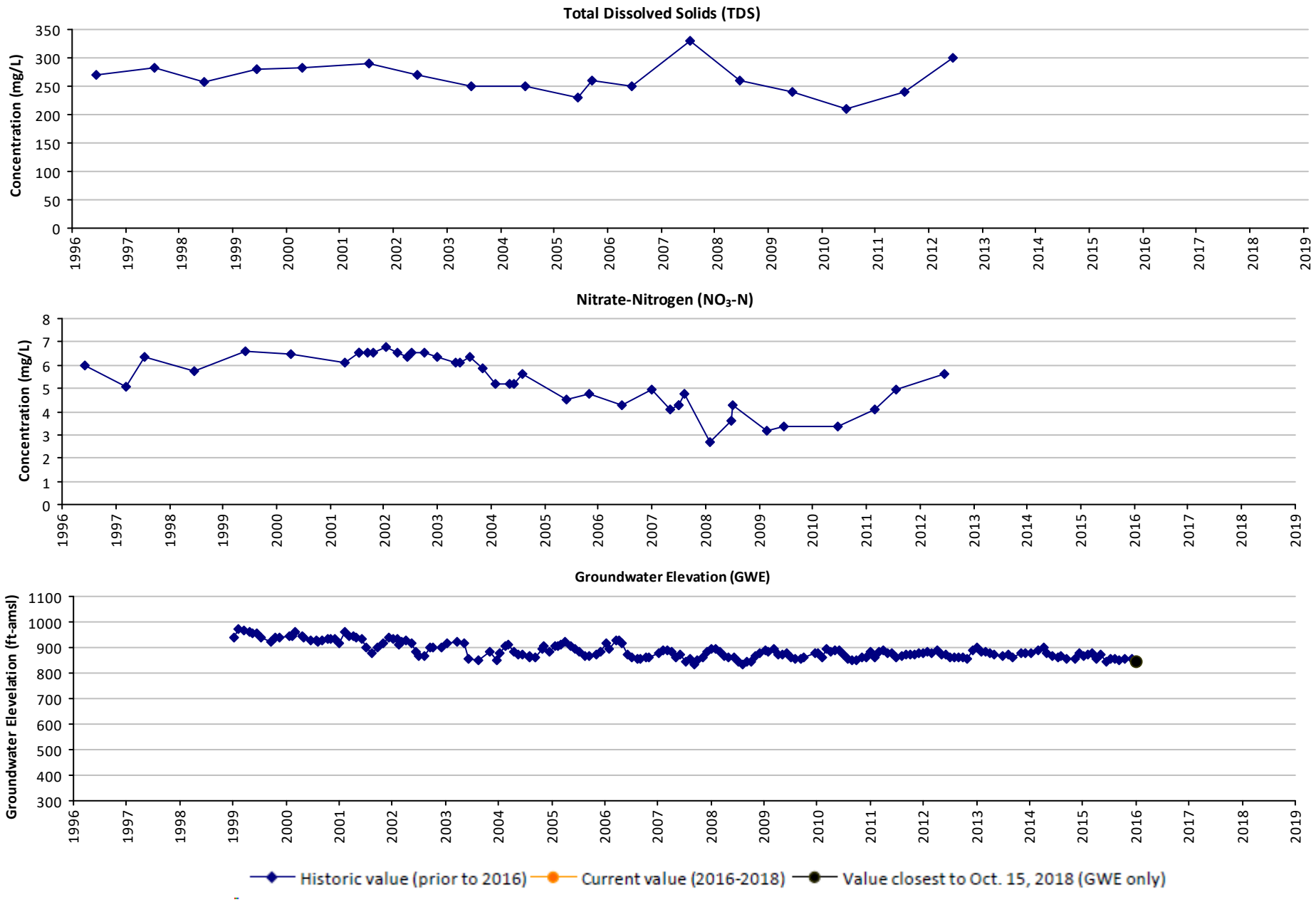
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

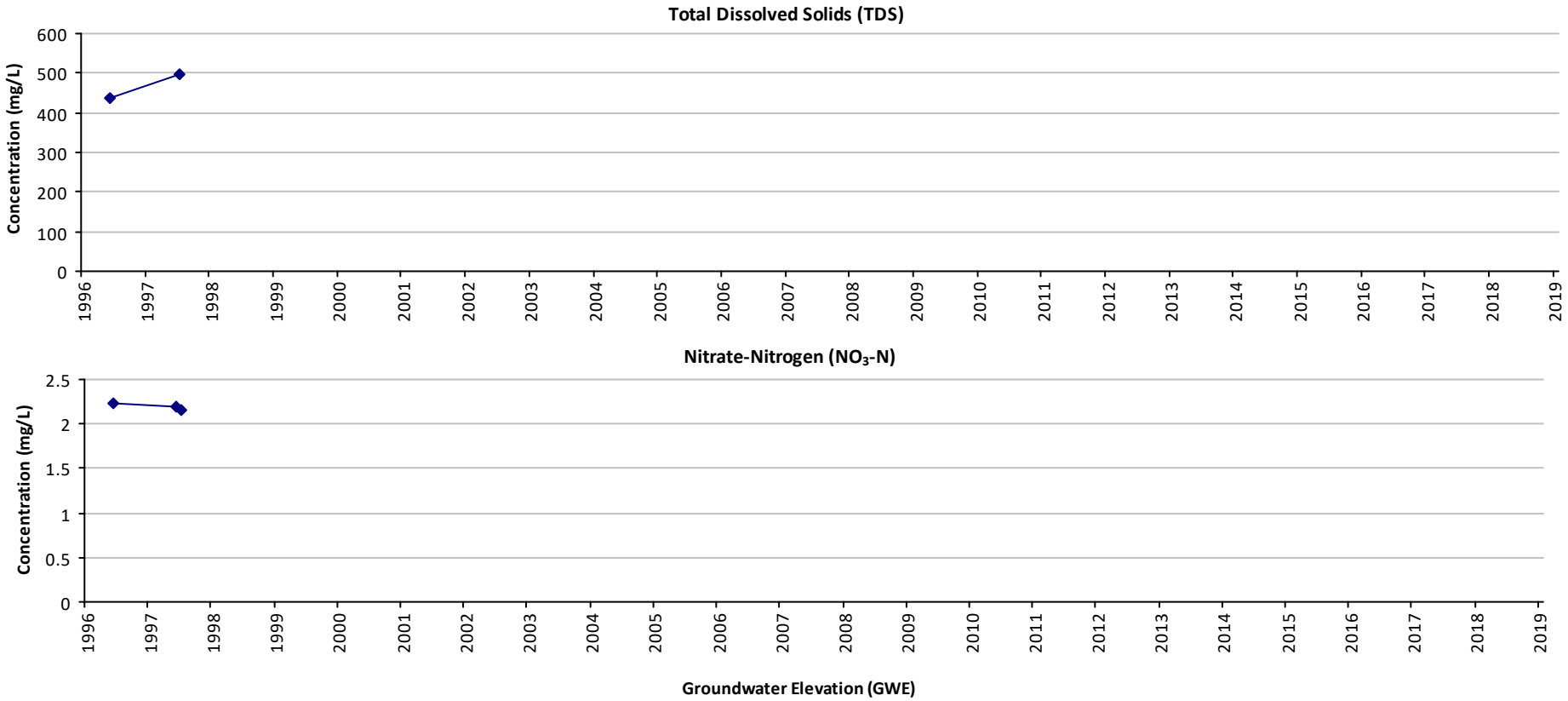

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

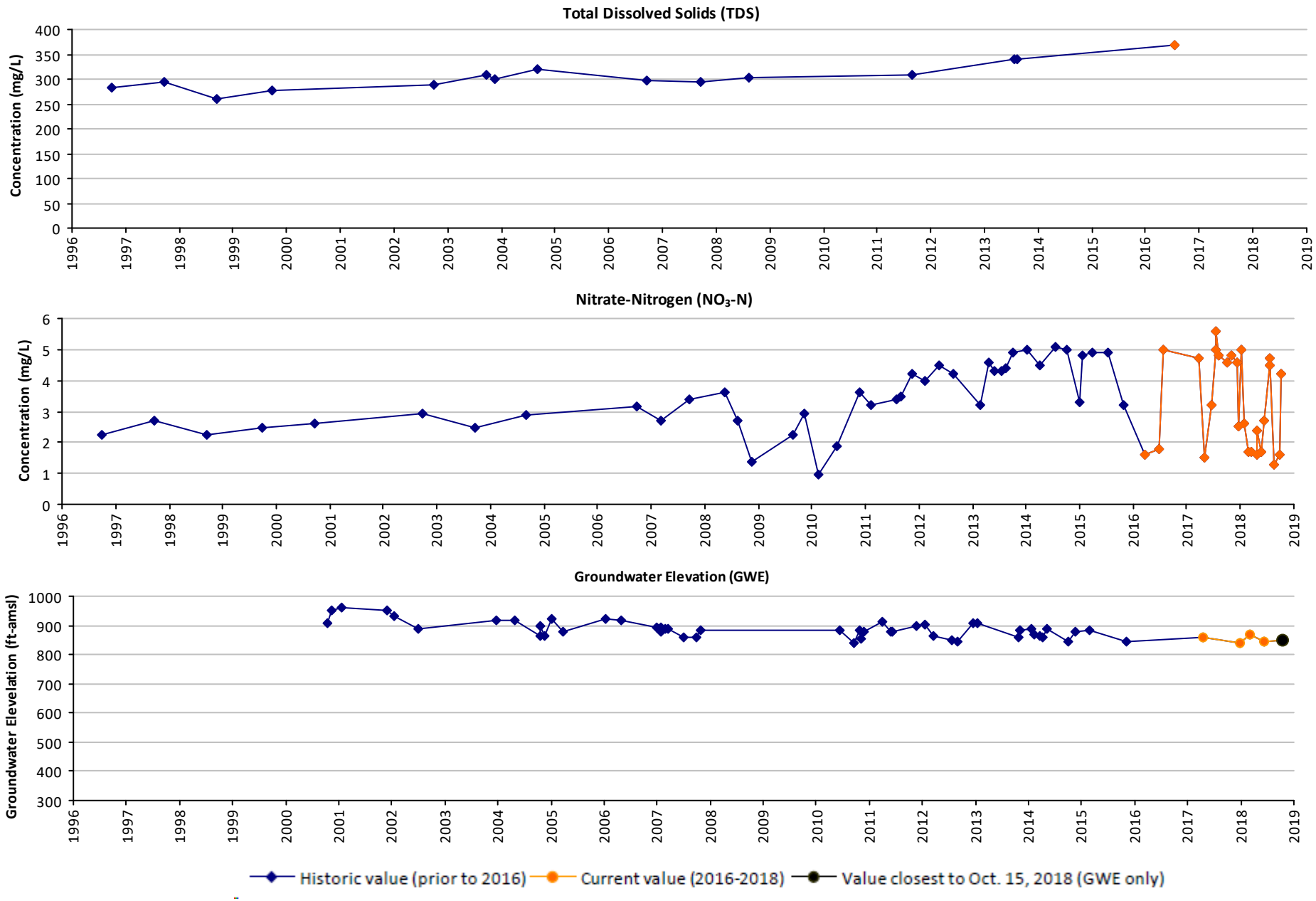

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

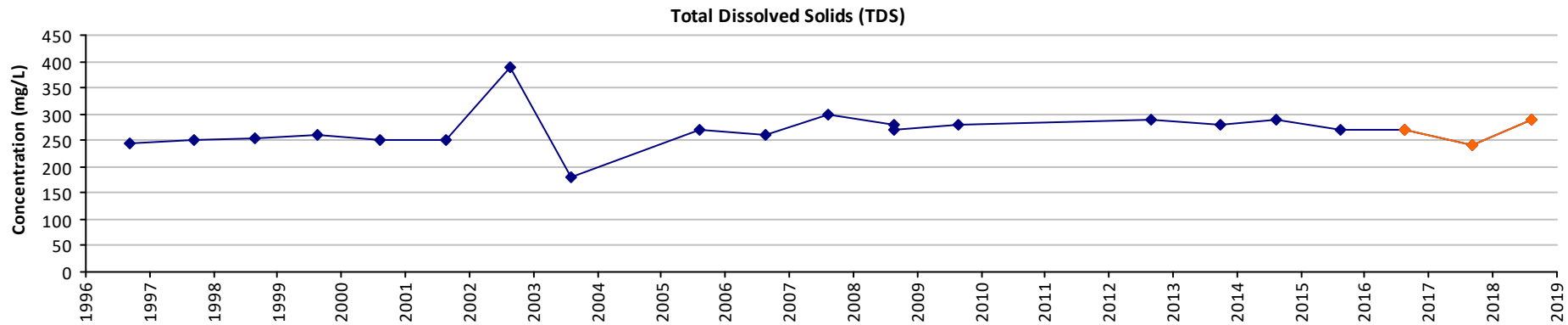

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

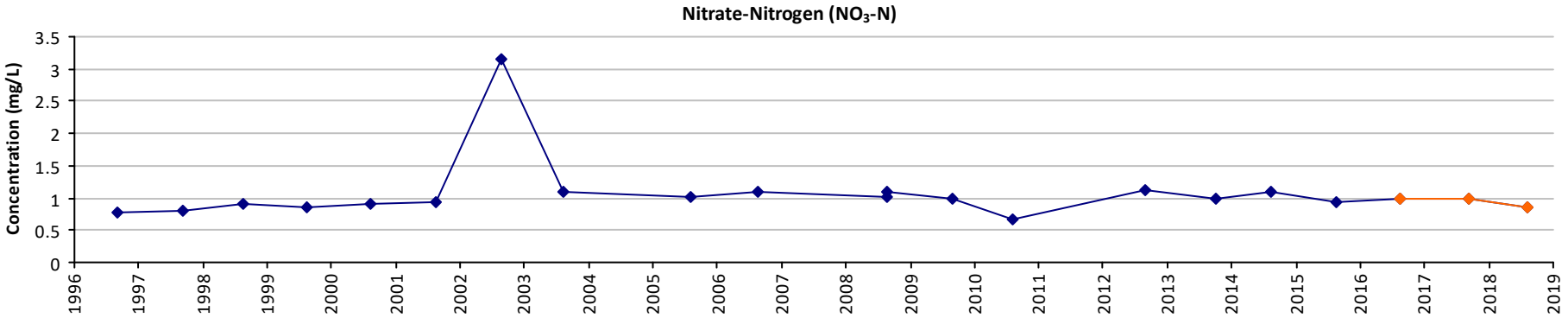

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

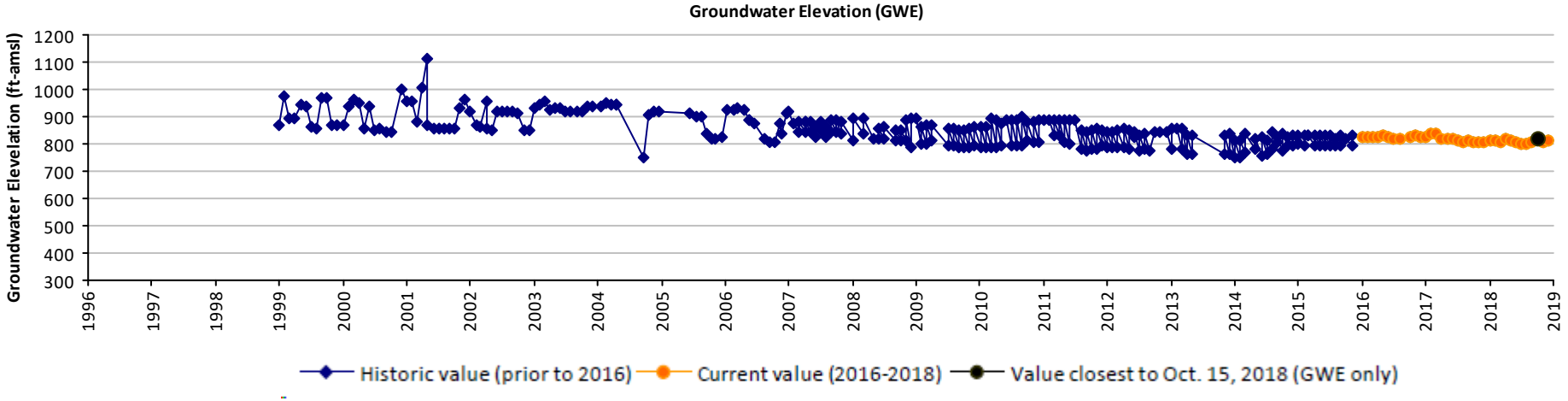

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

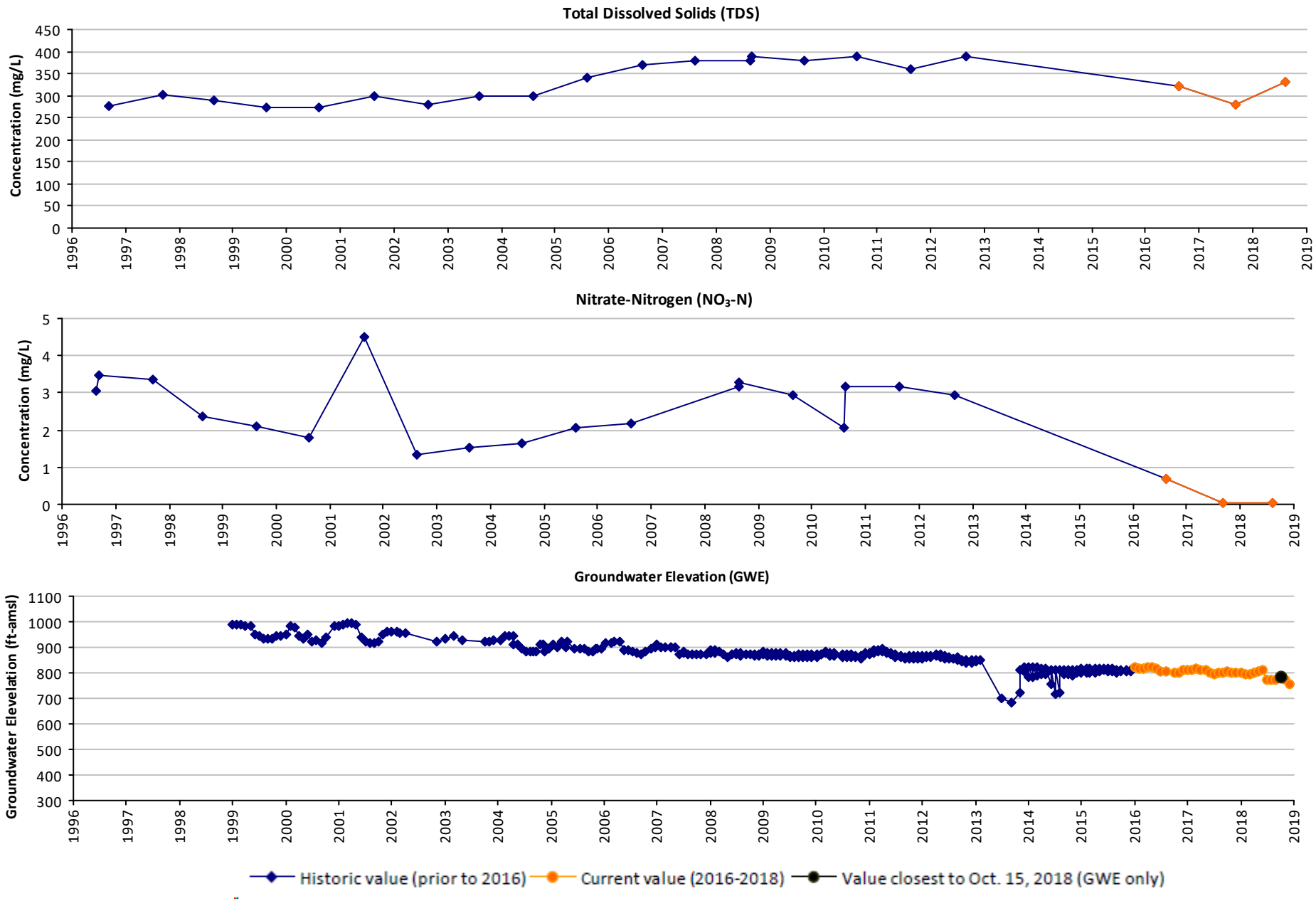

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

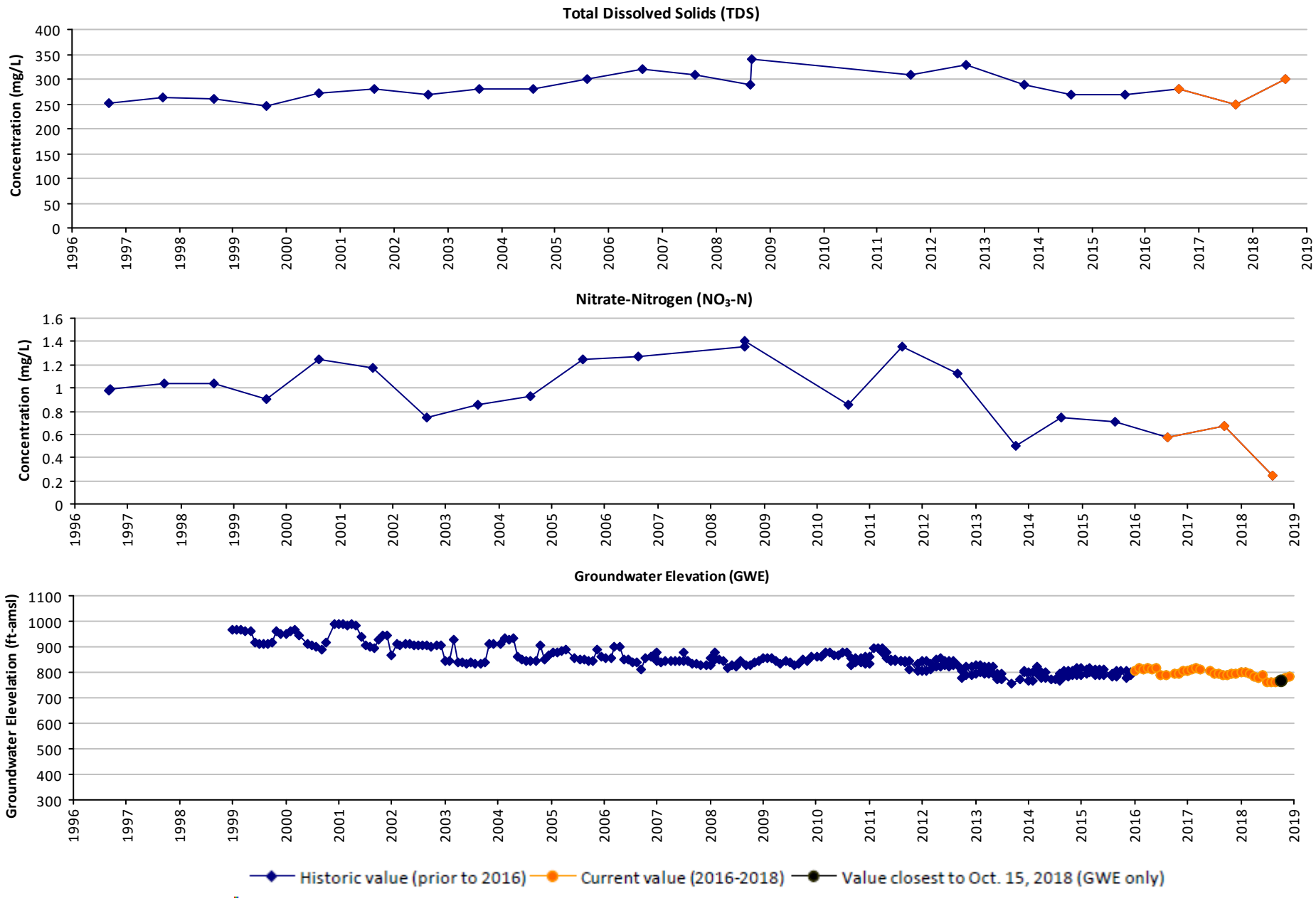

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

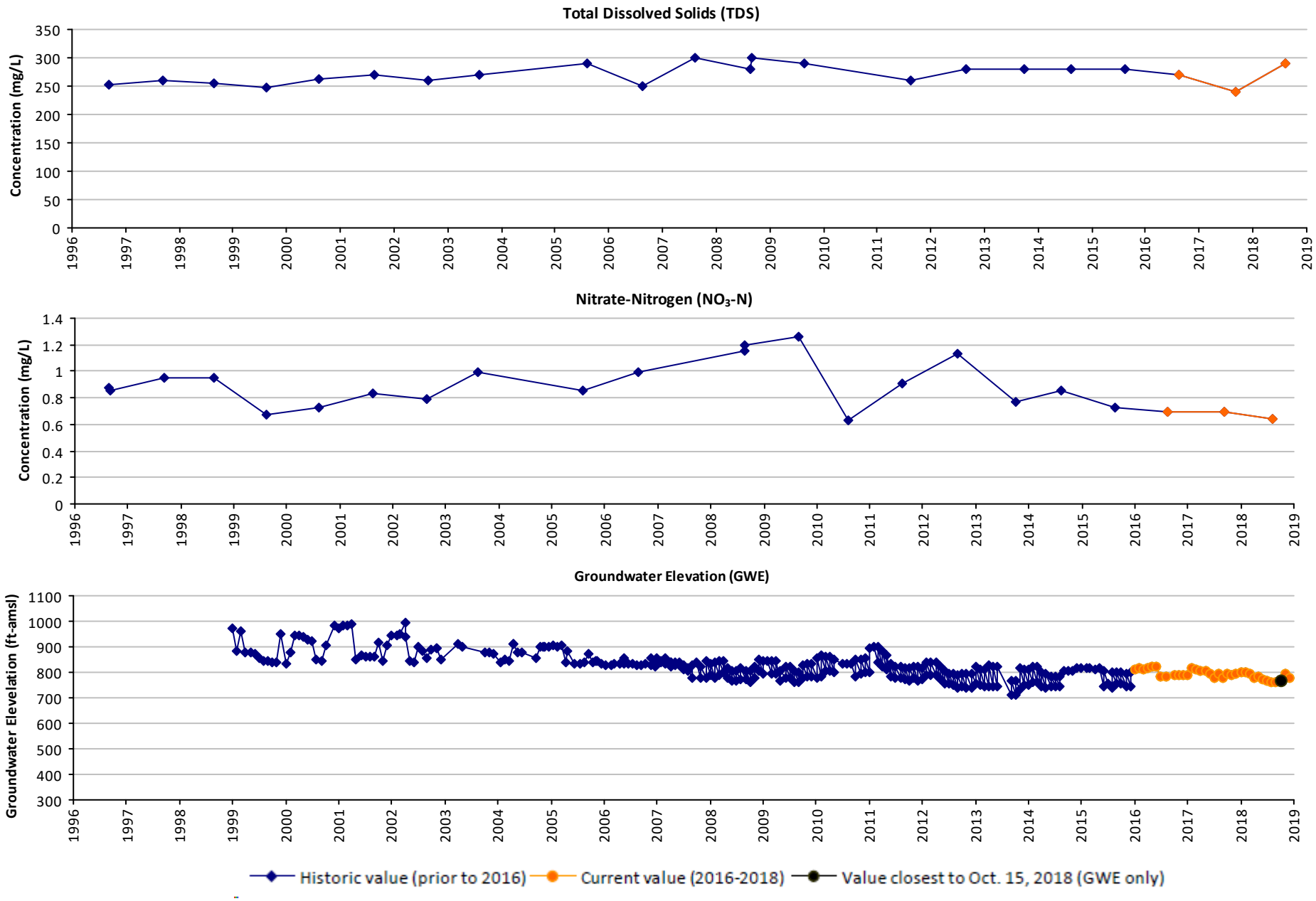

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

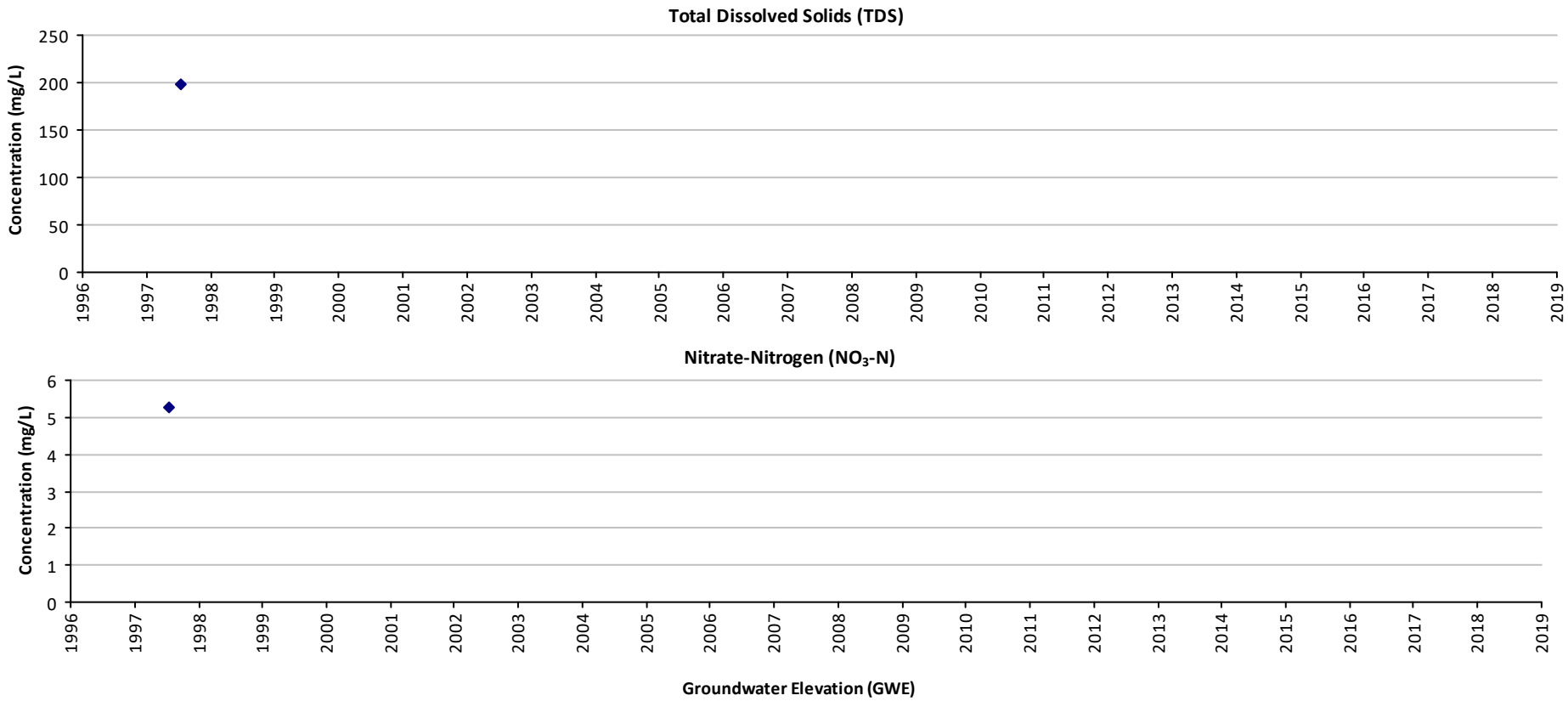

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

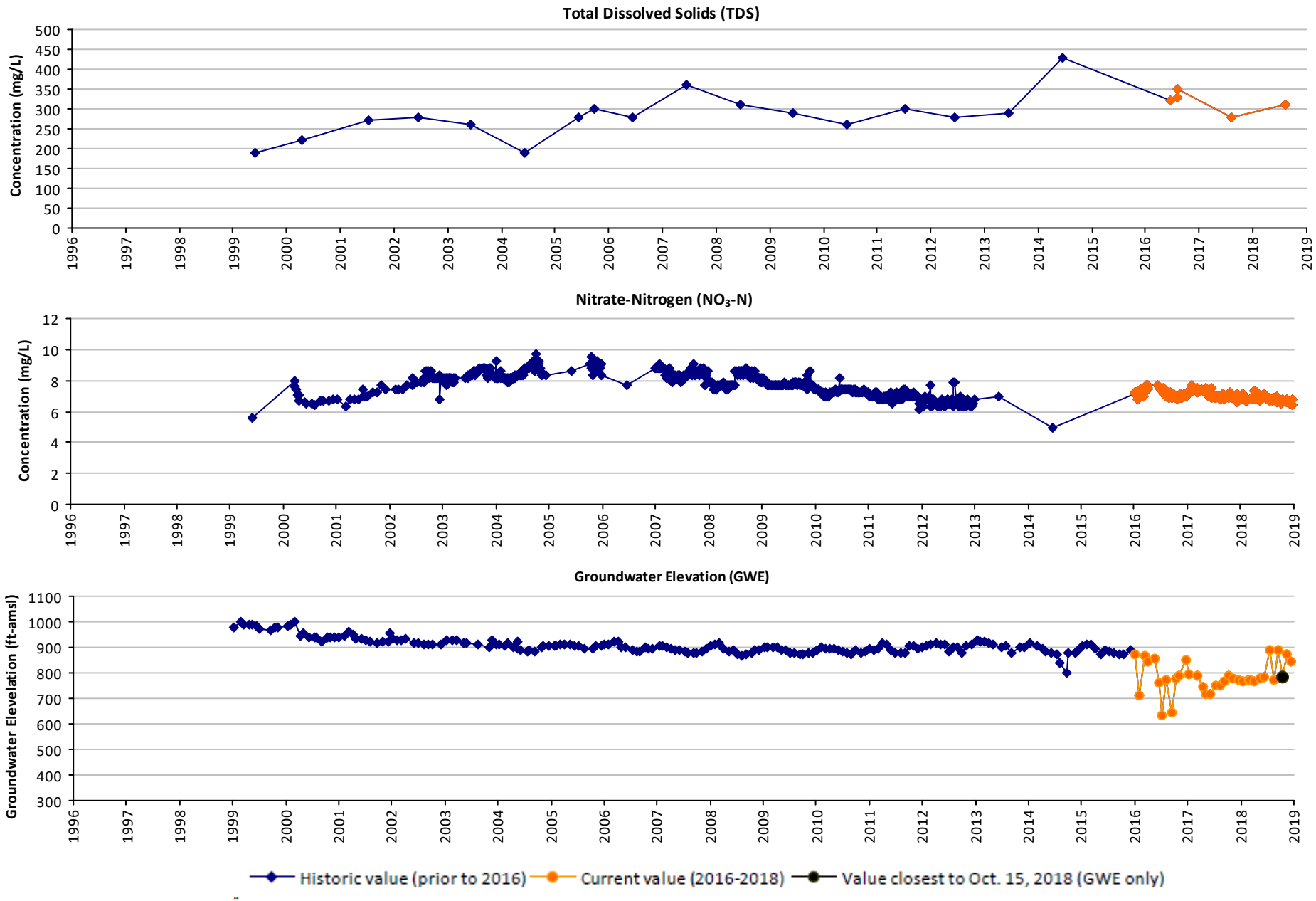

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

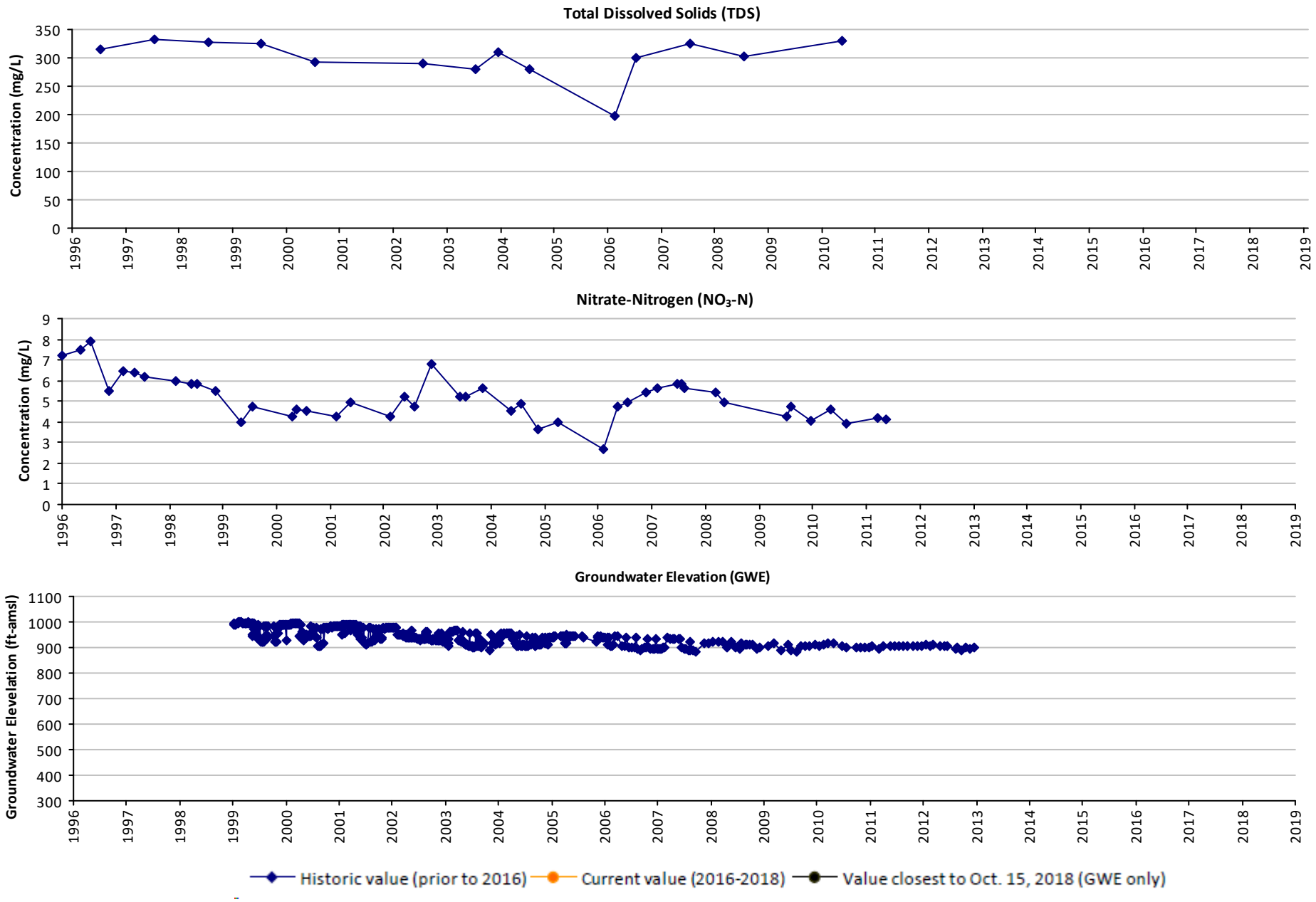

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

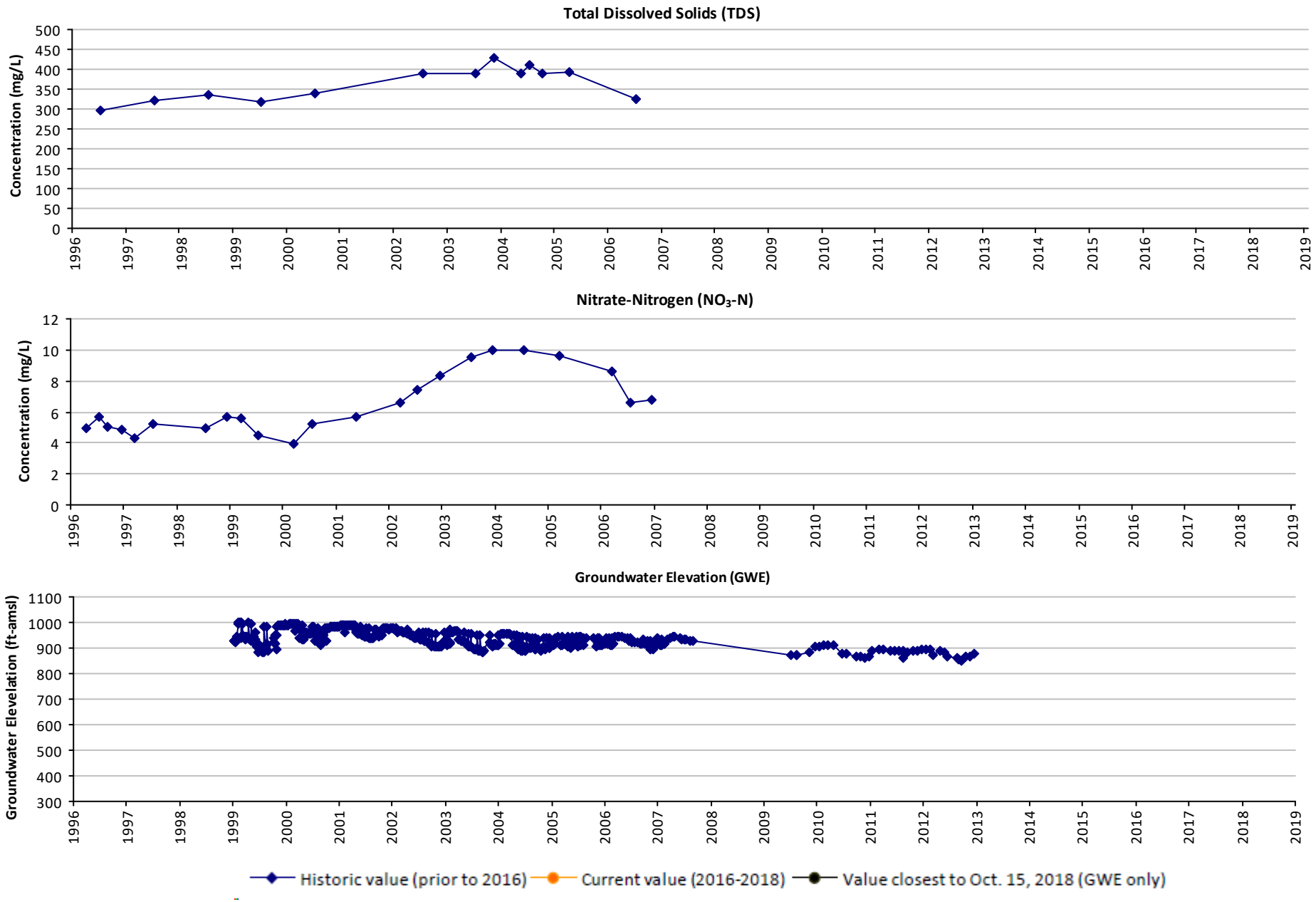

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

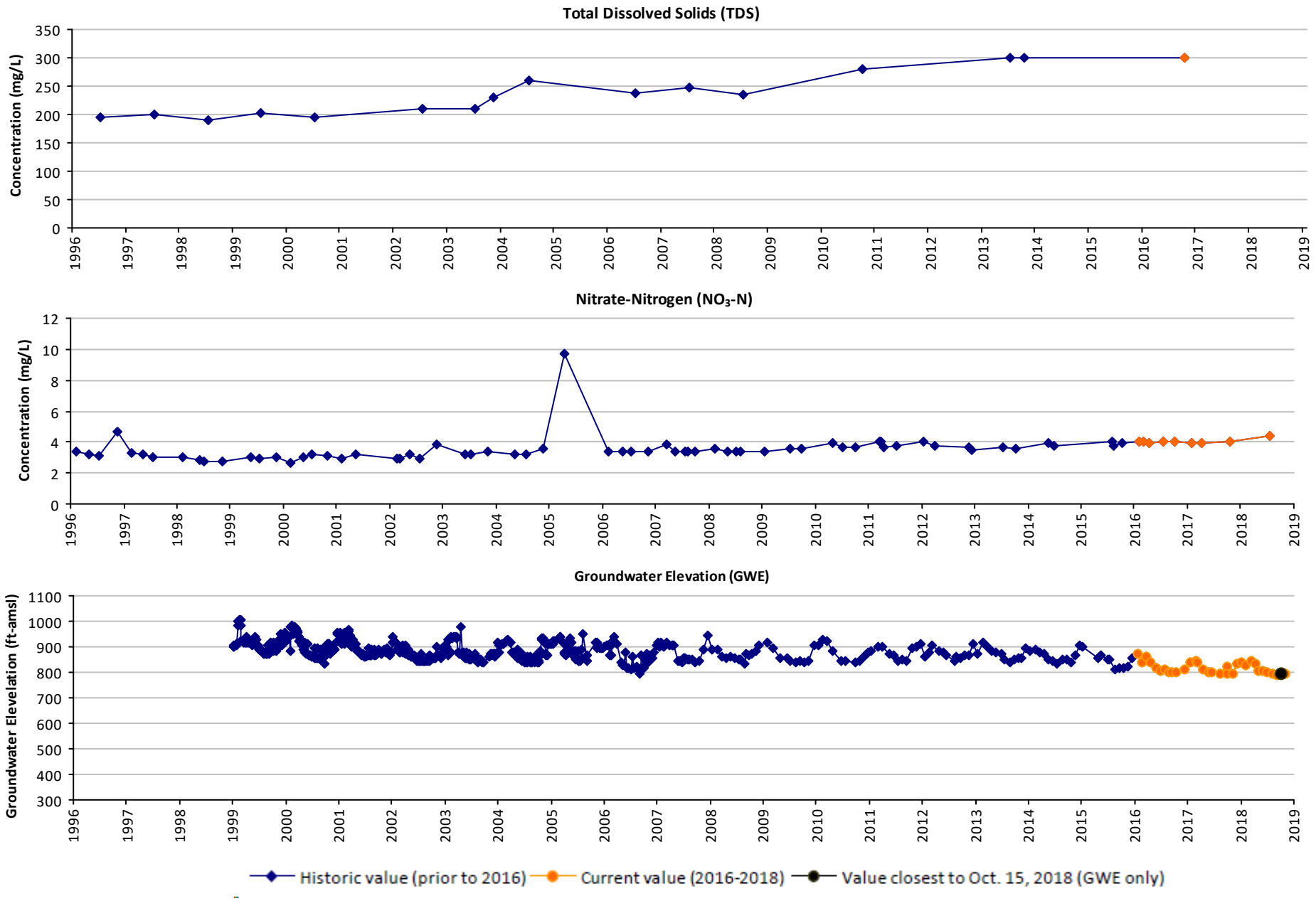

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

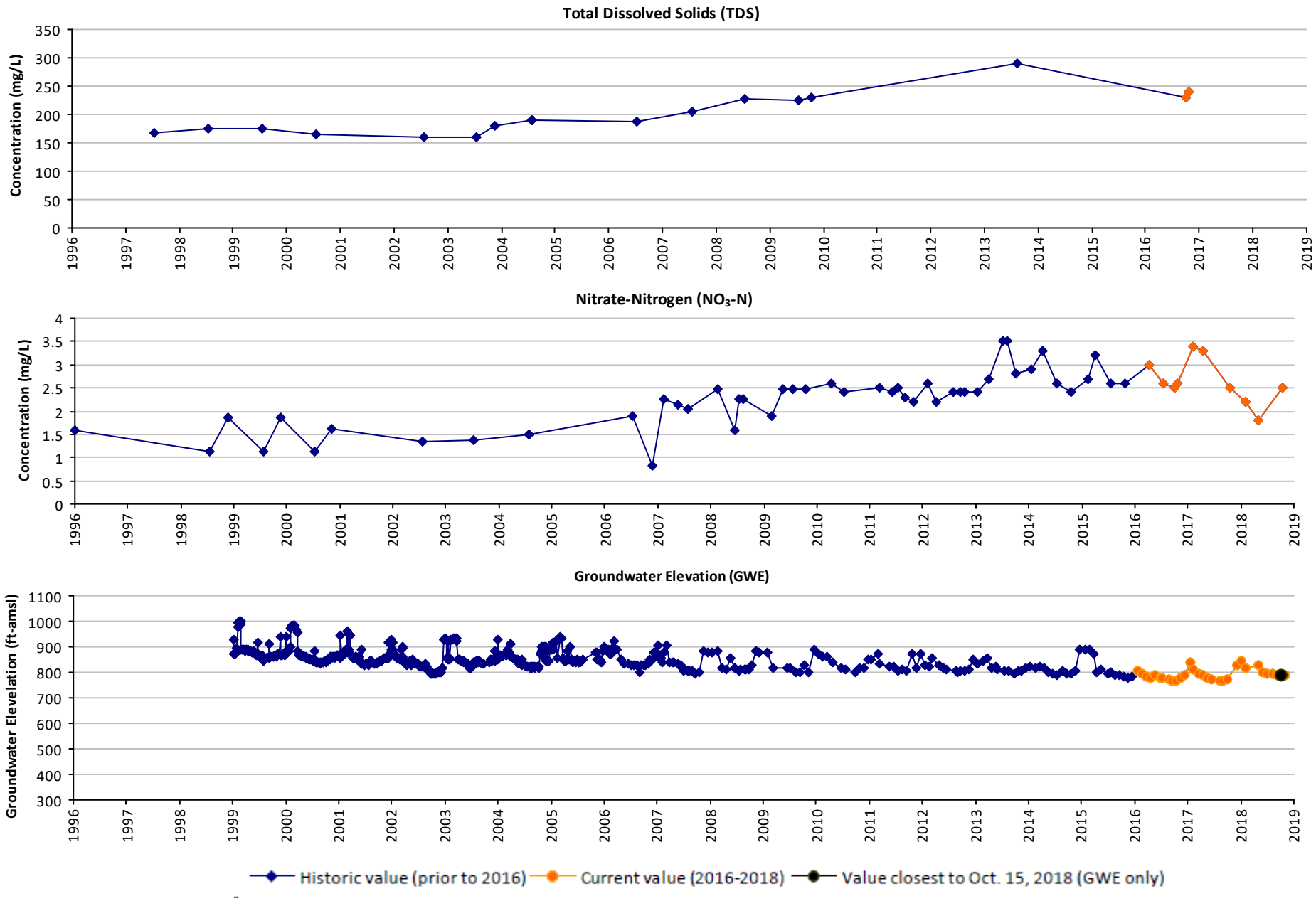

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

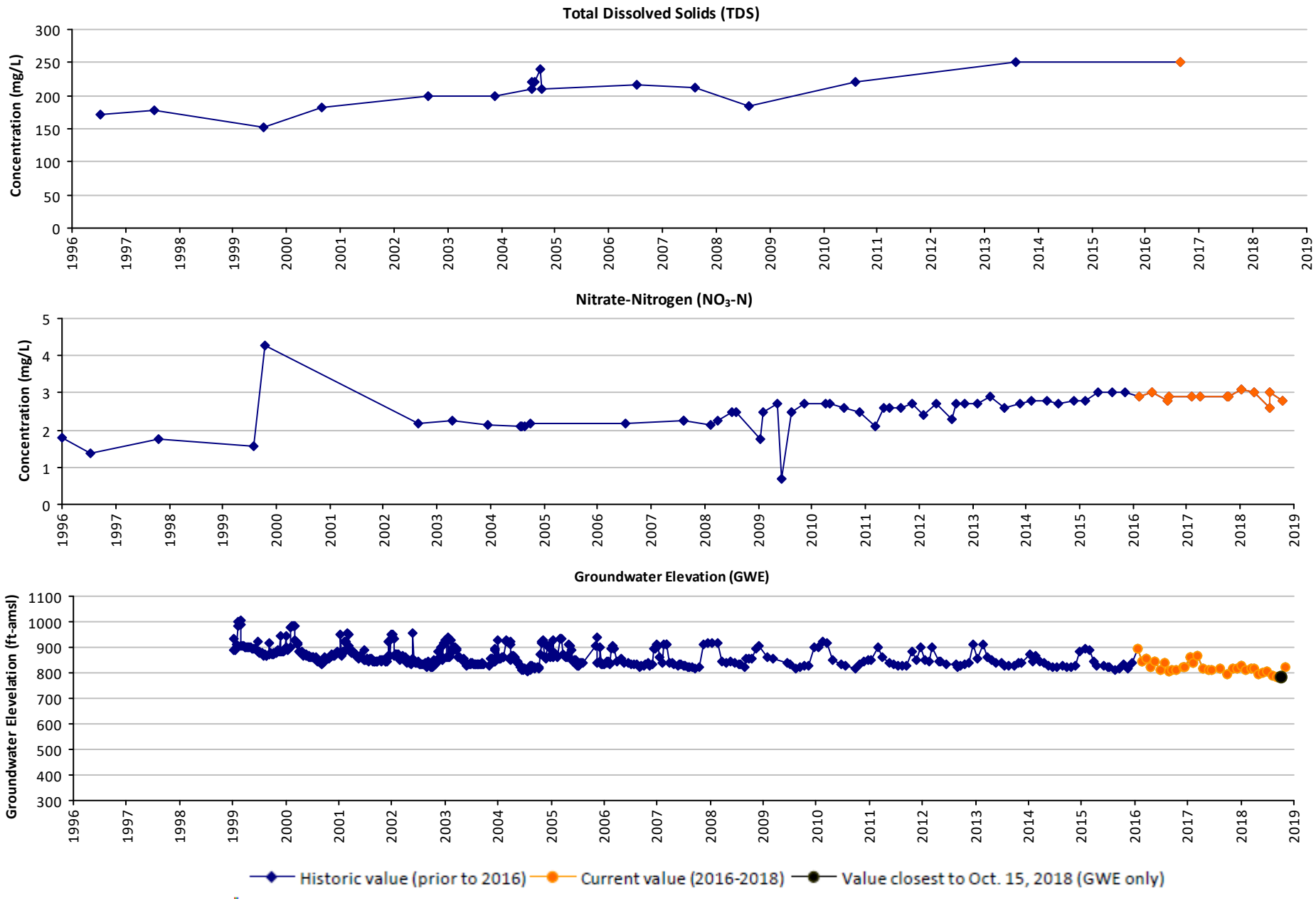

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

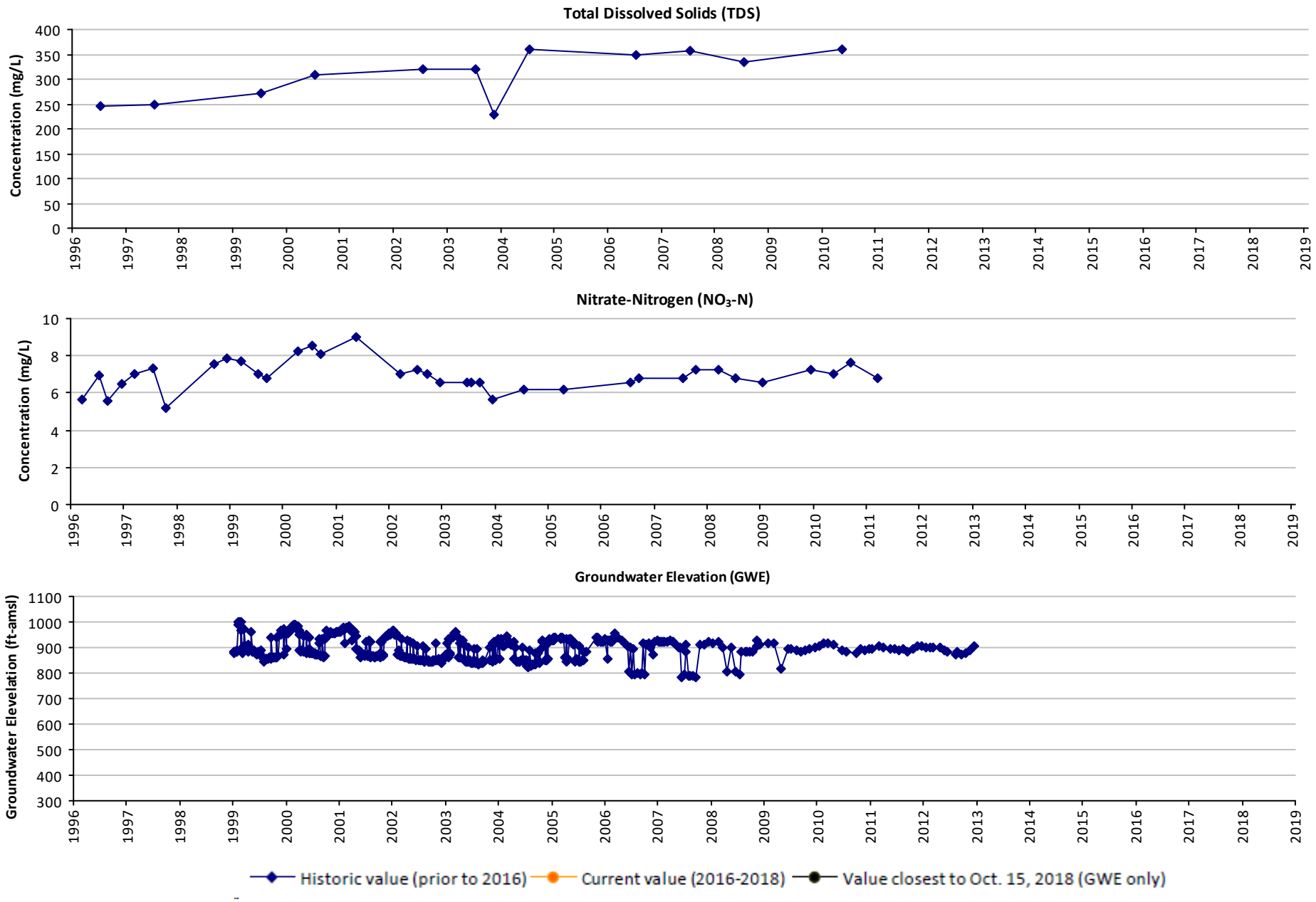

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

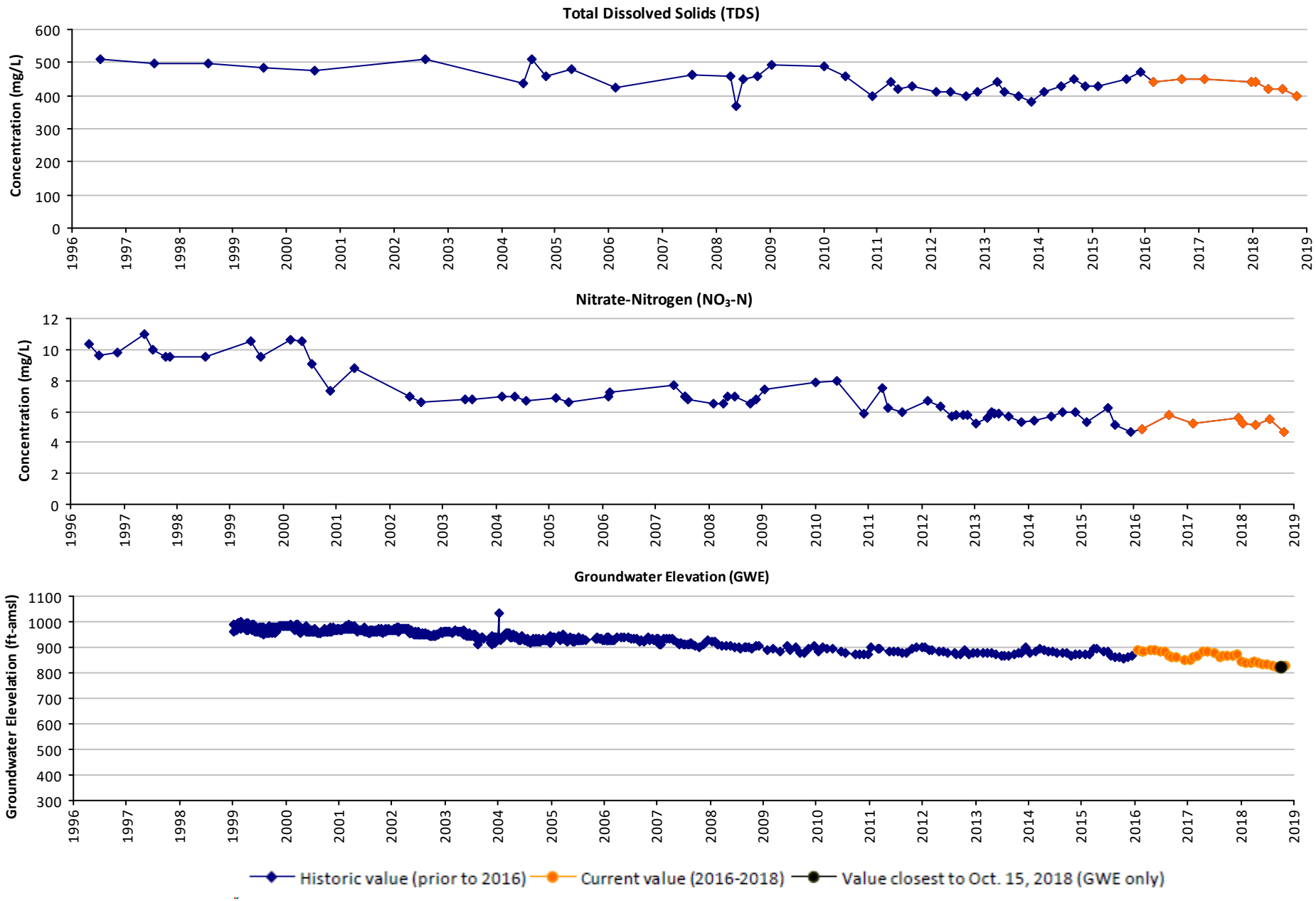

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

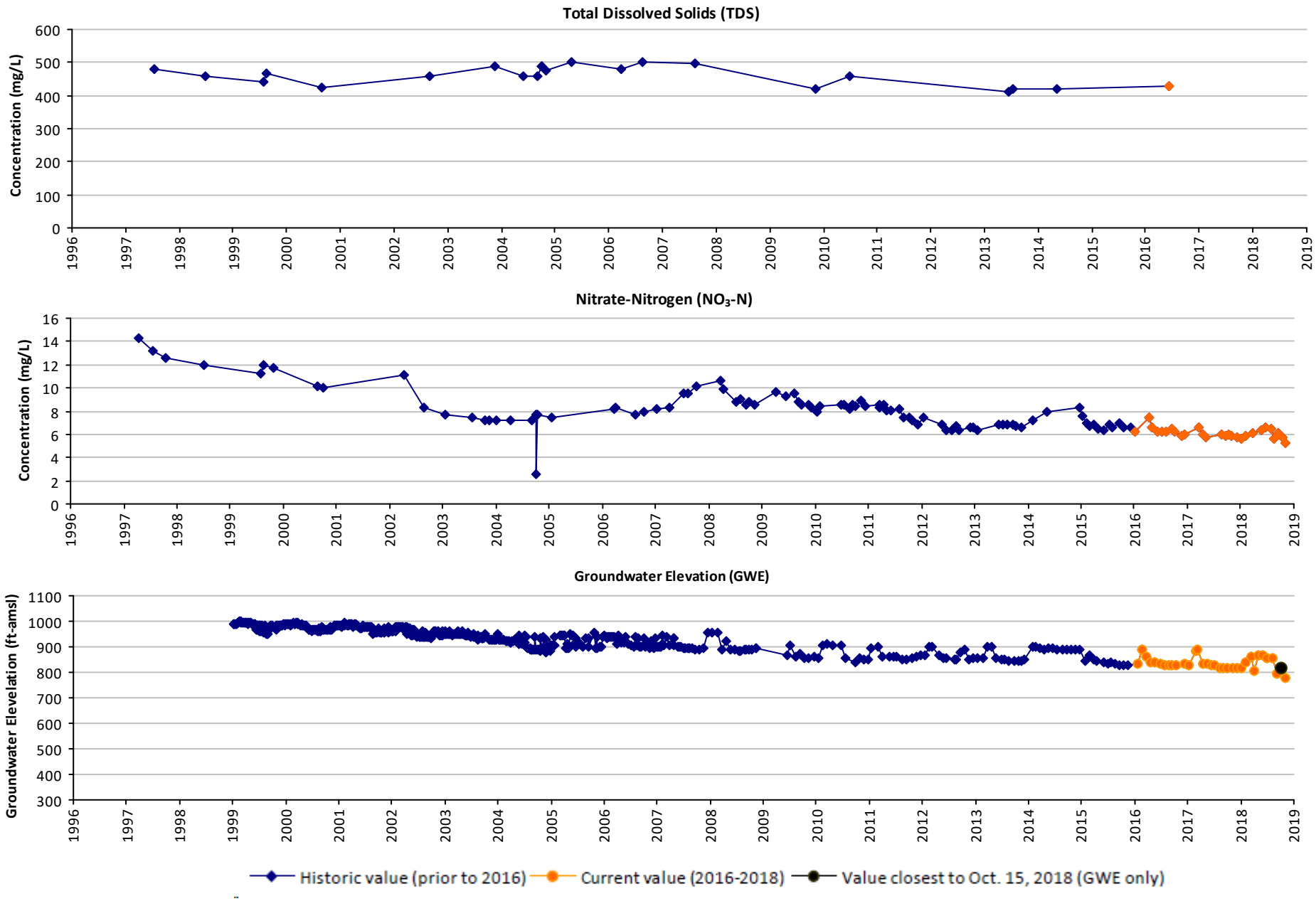

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

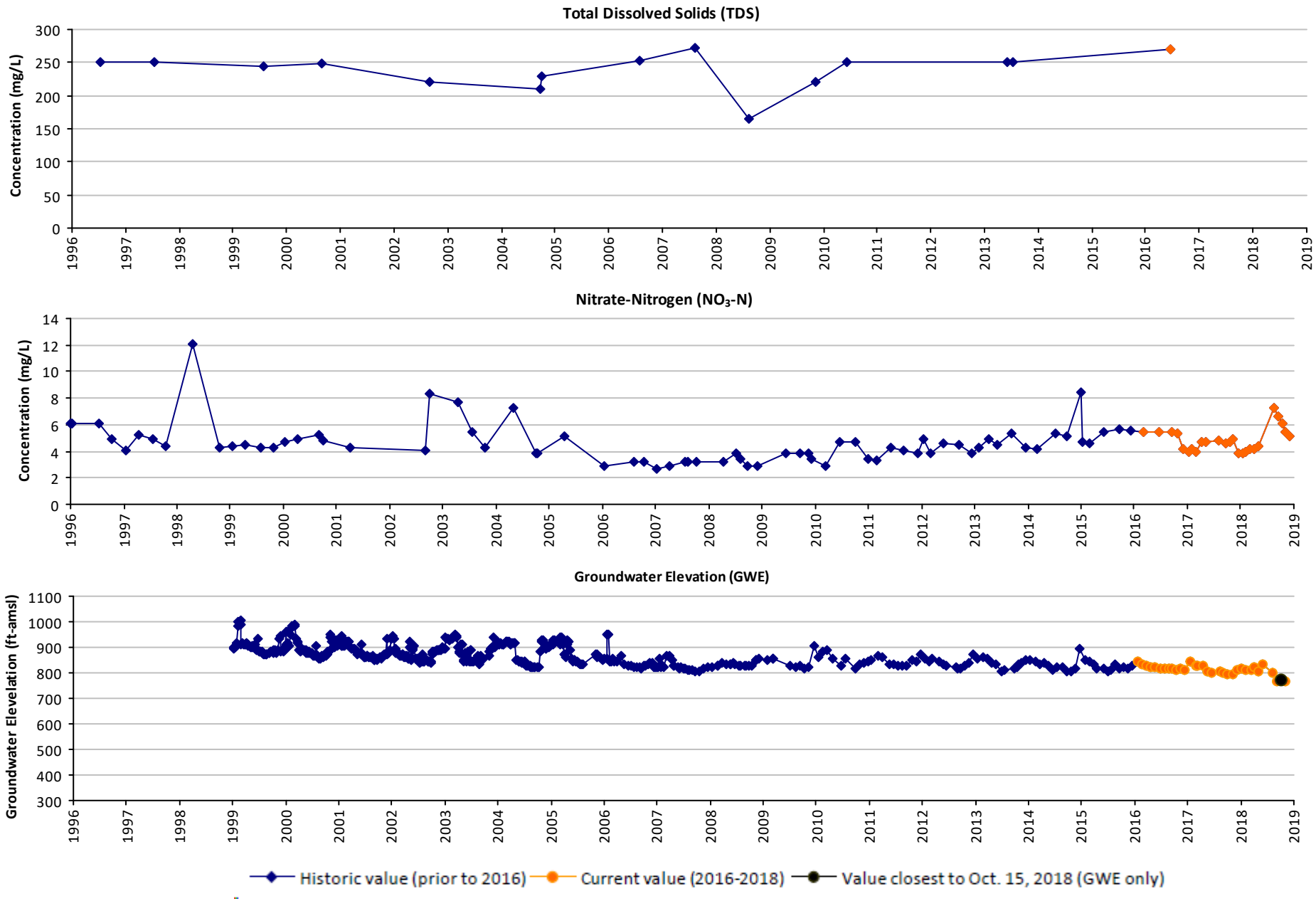

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

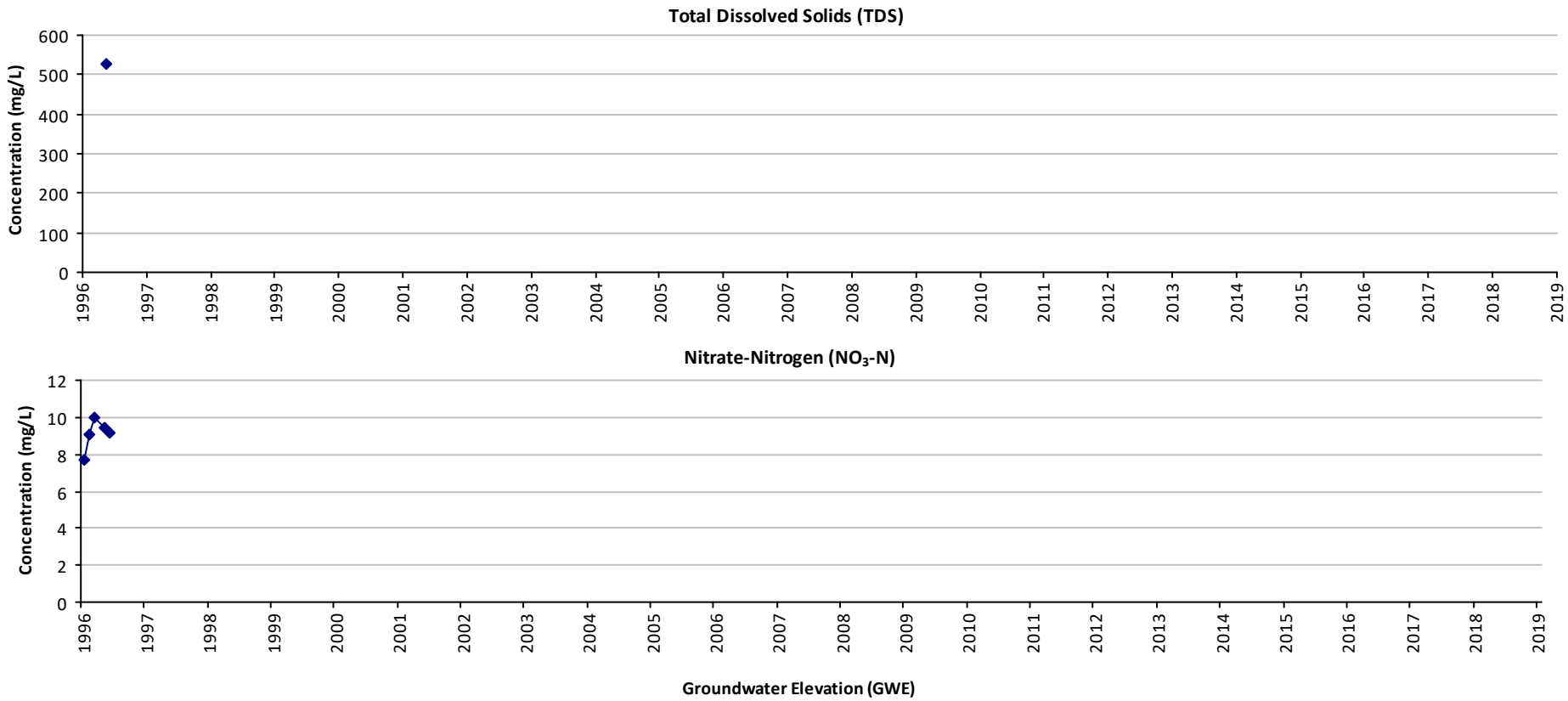

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

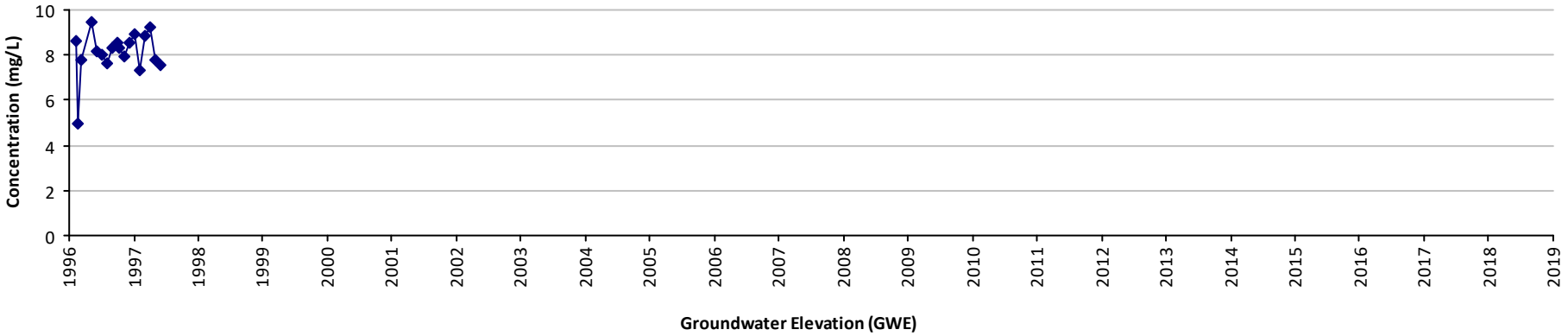

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

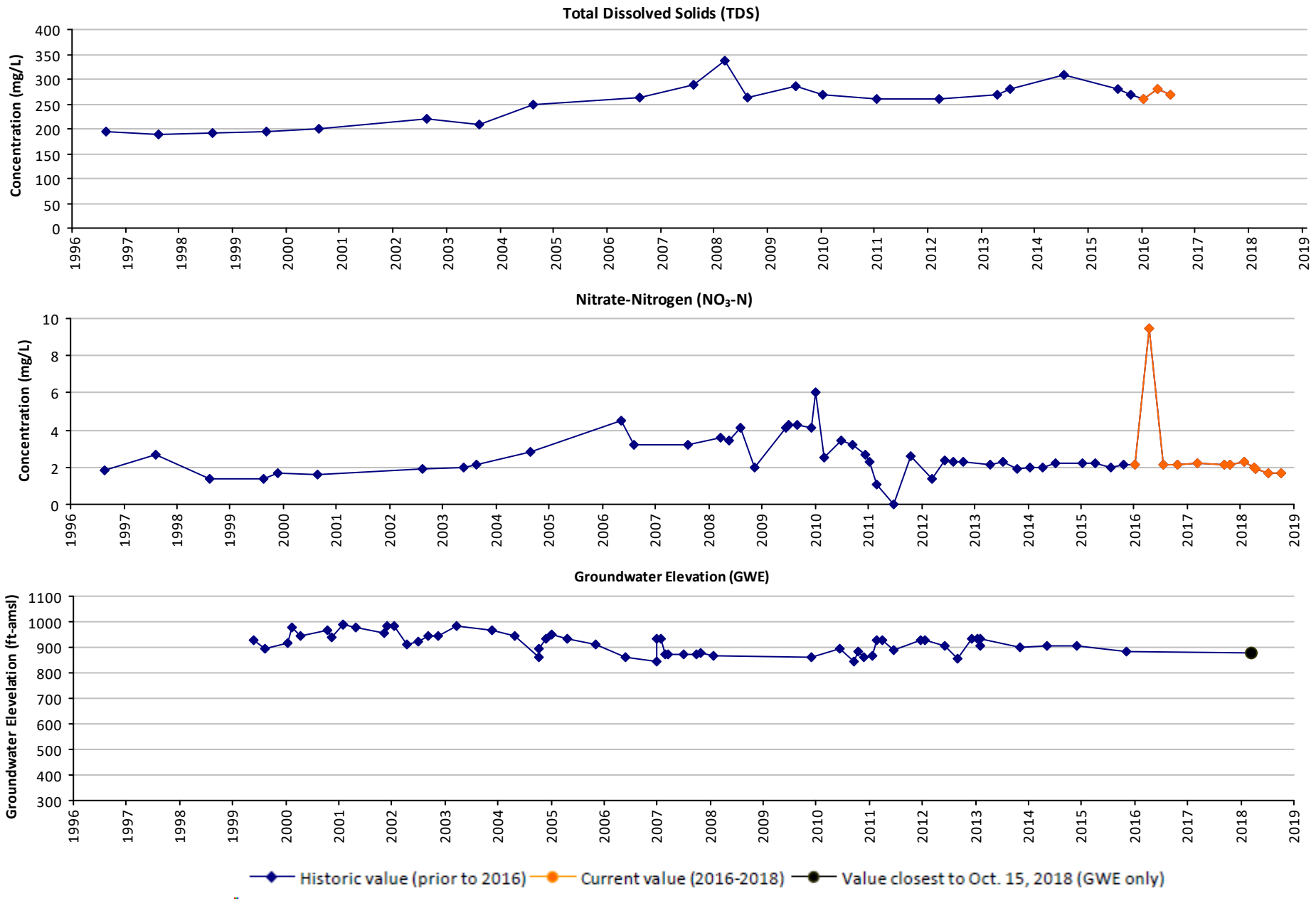

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

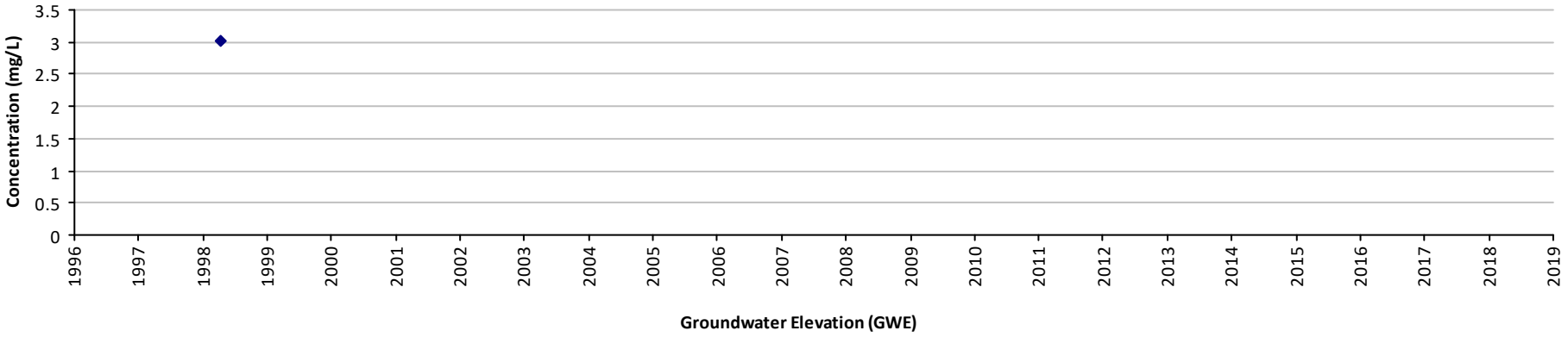


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

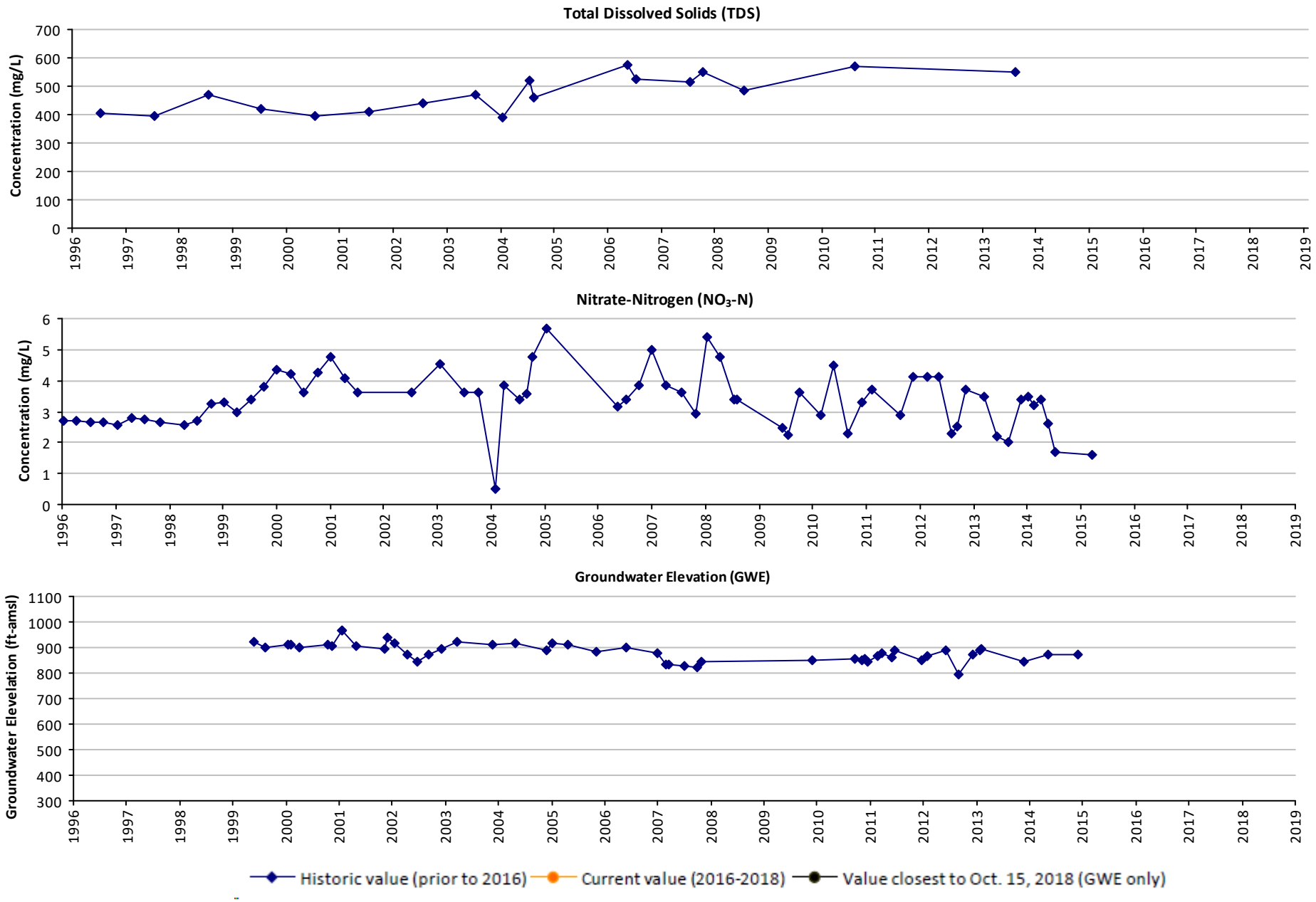

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

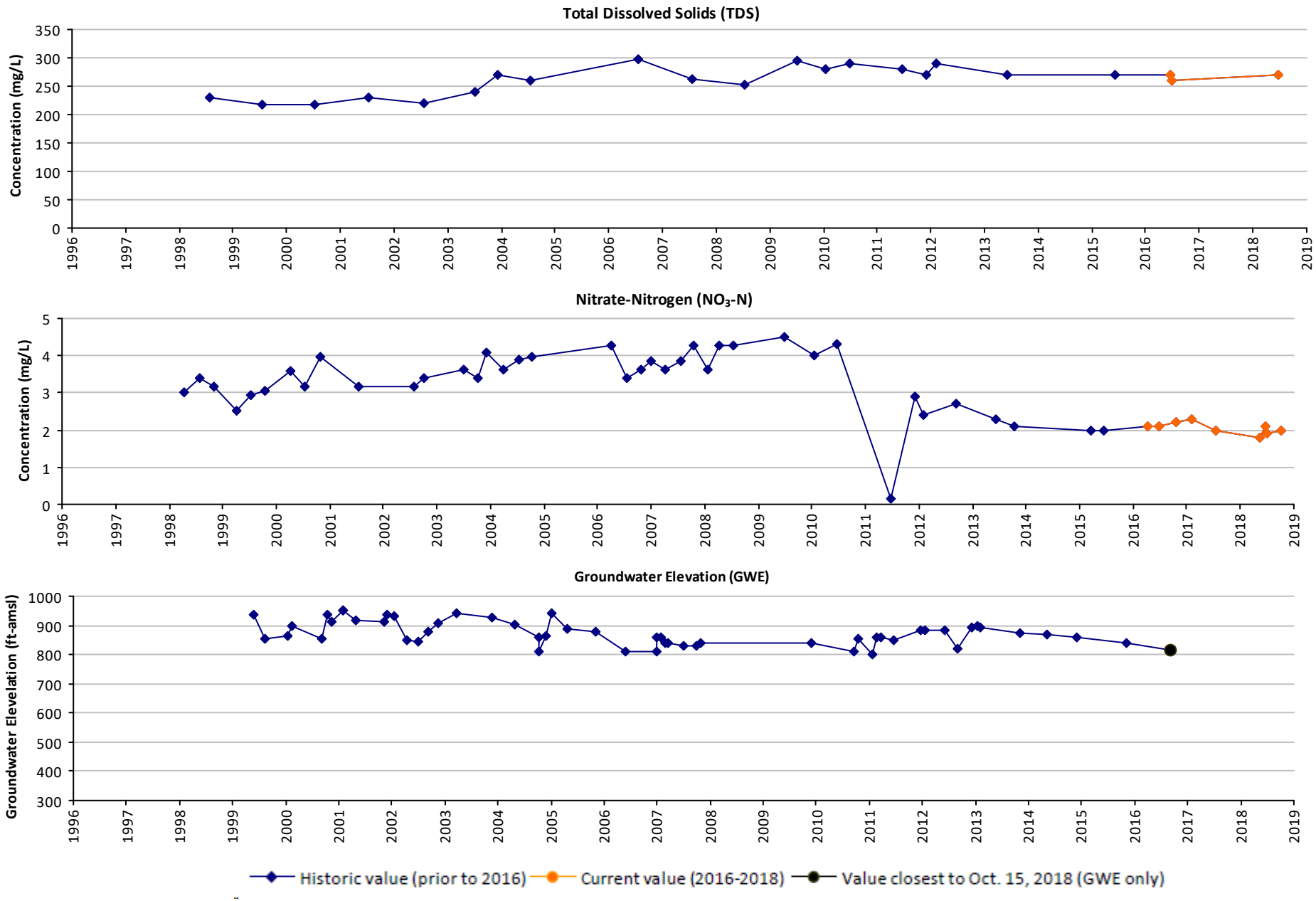
Total Dissolved Solids (TDS)

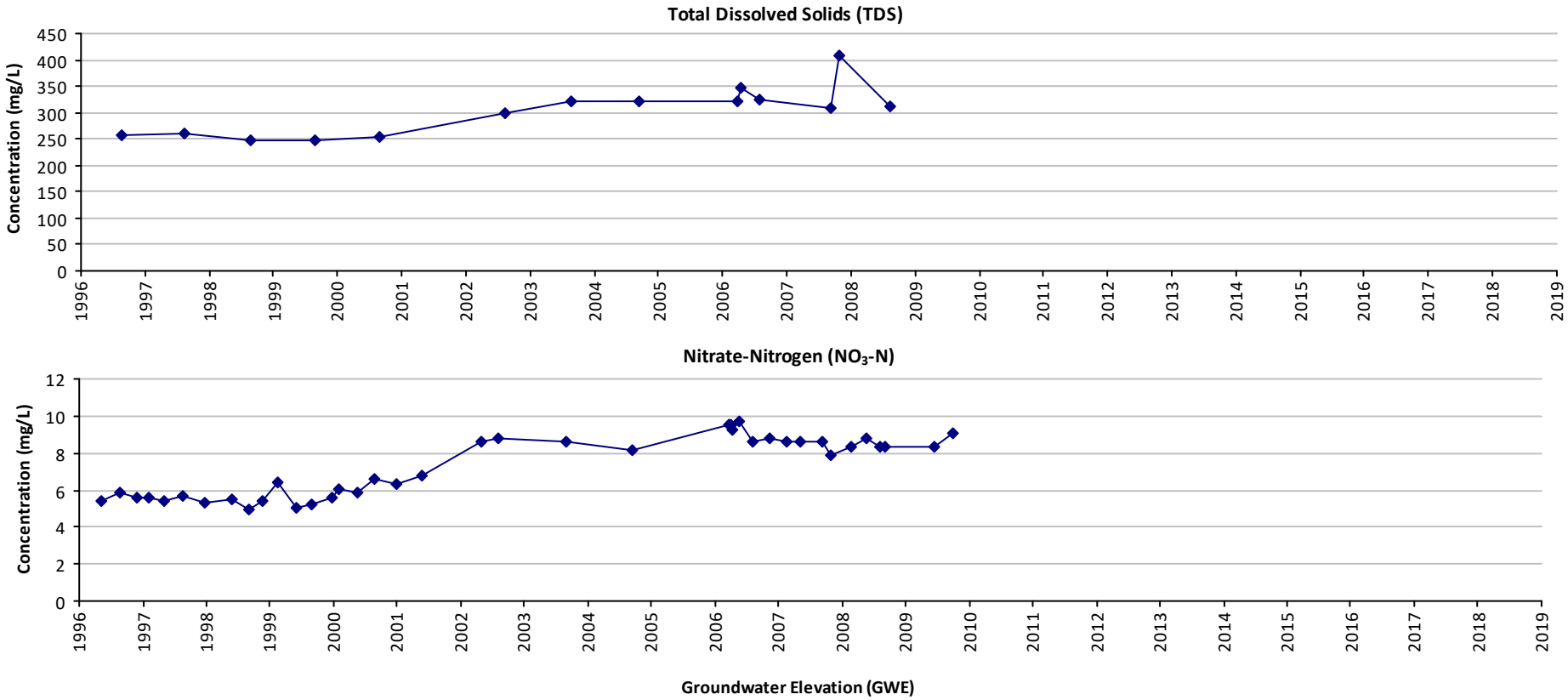
Nitrate-Nitrogen (NO_3-N)



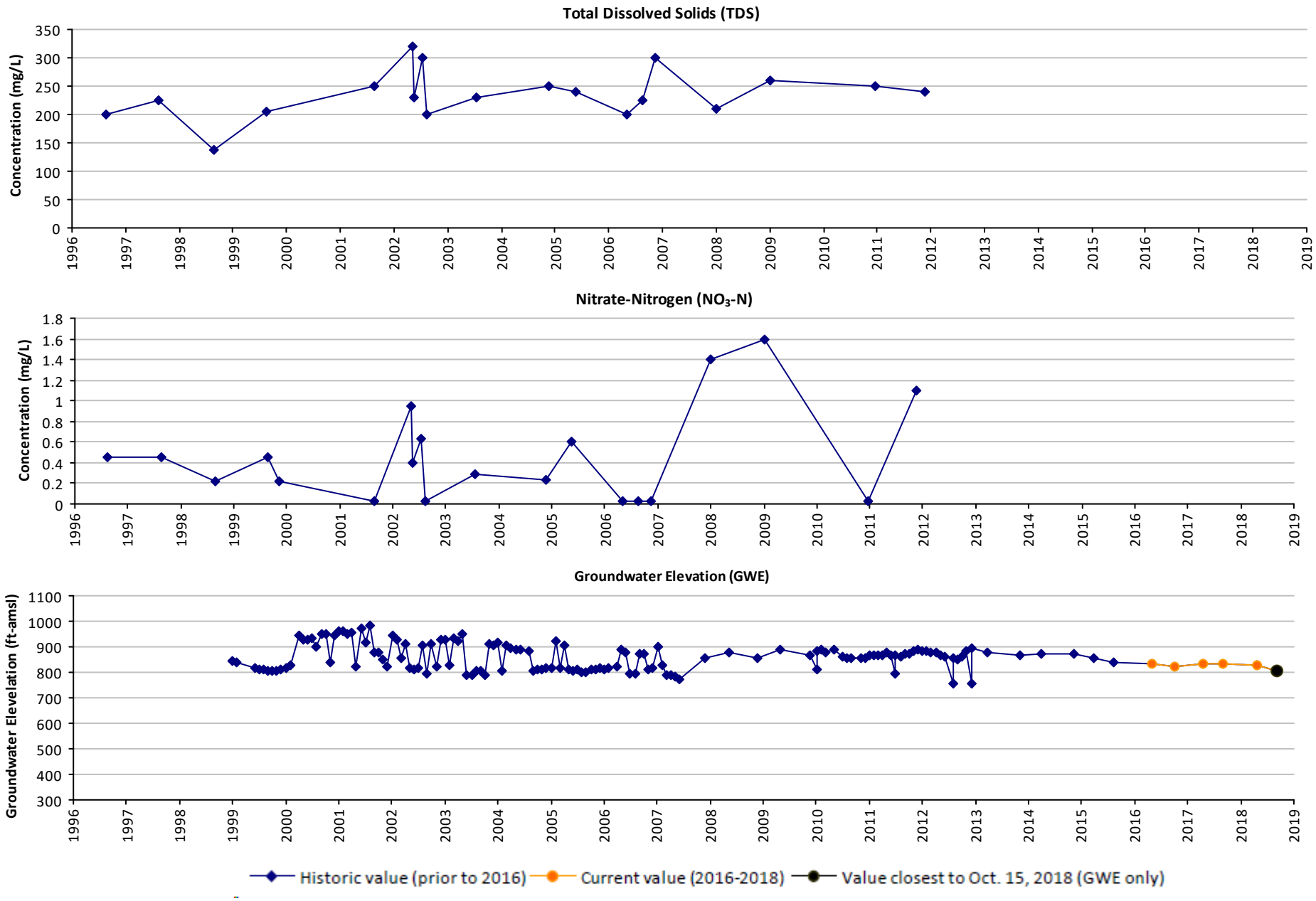
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

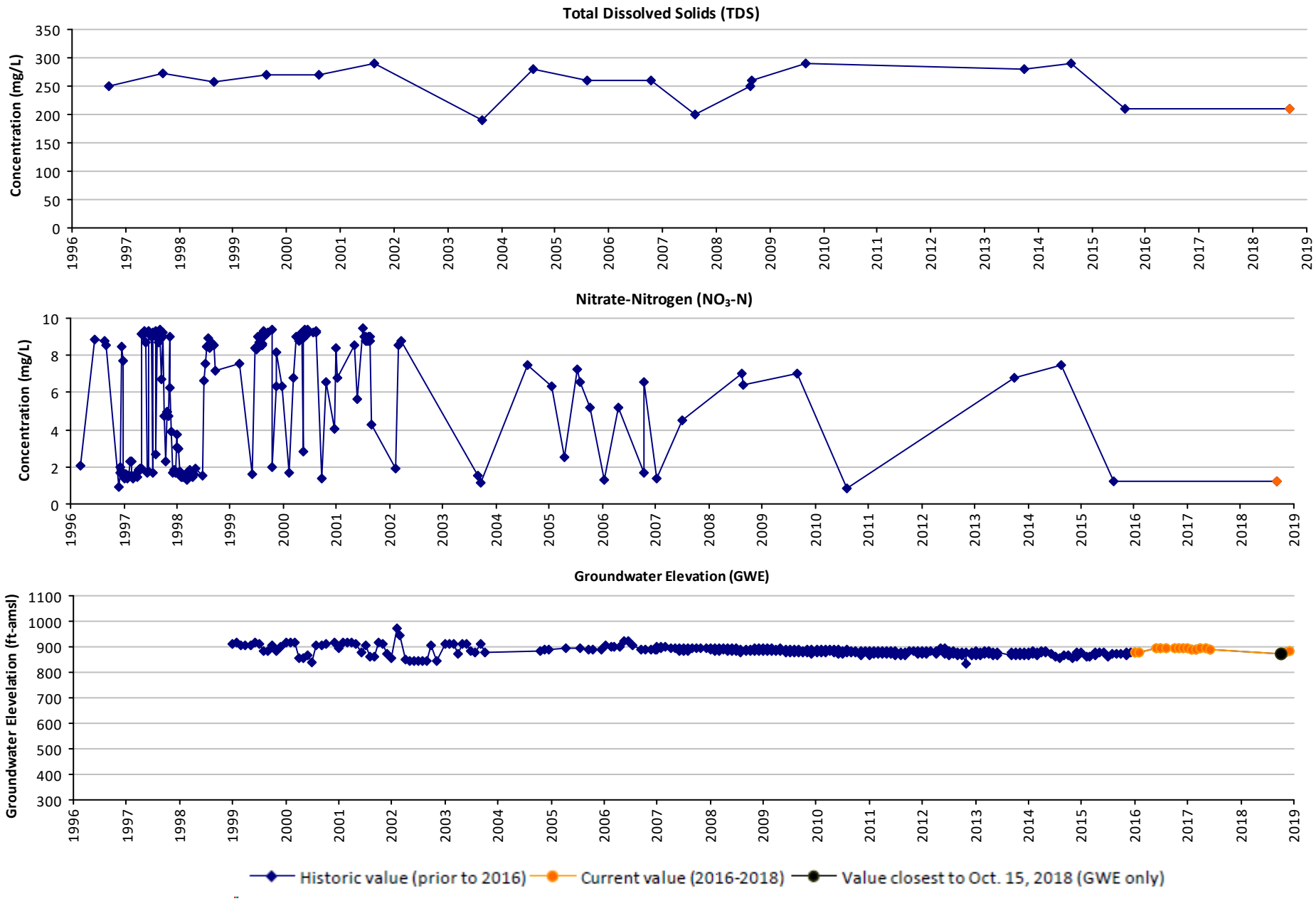

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

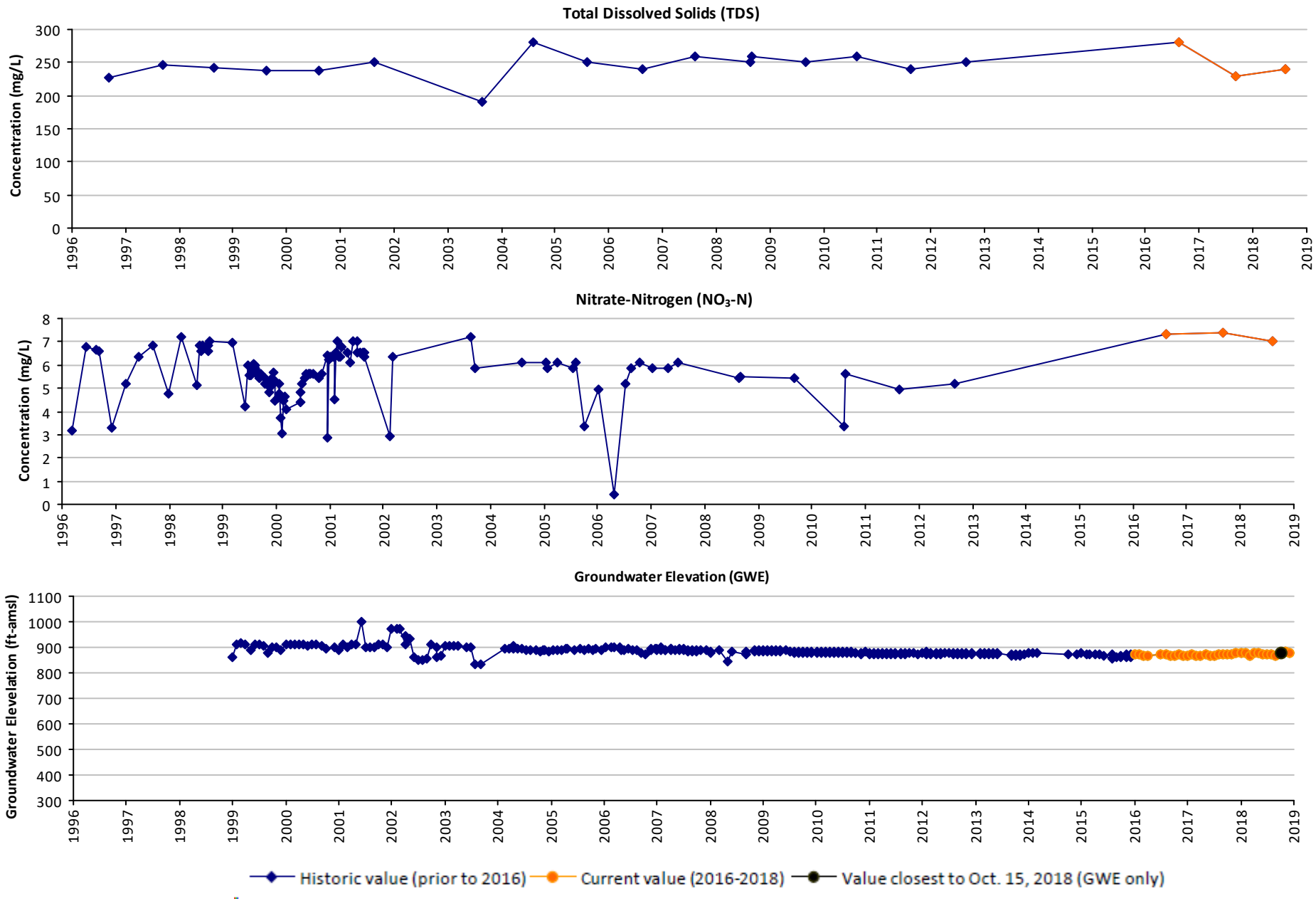

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

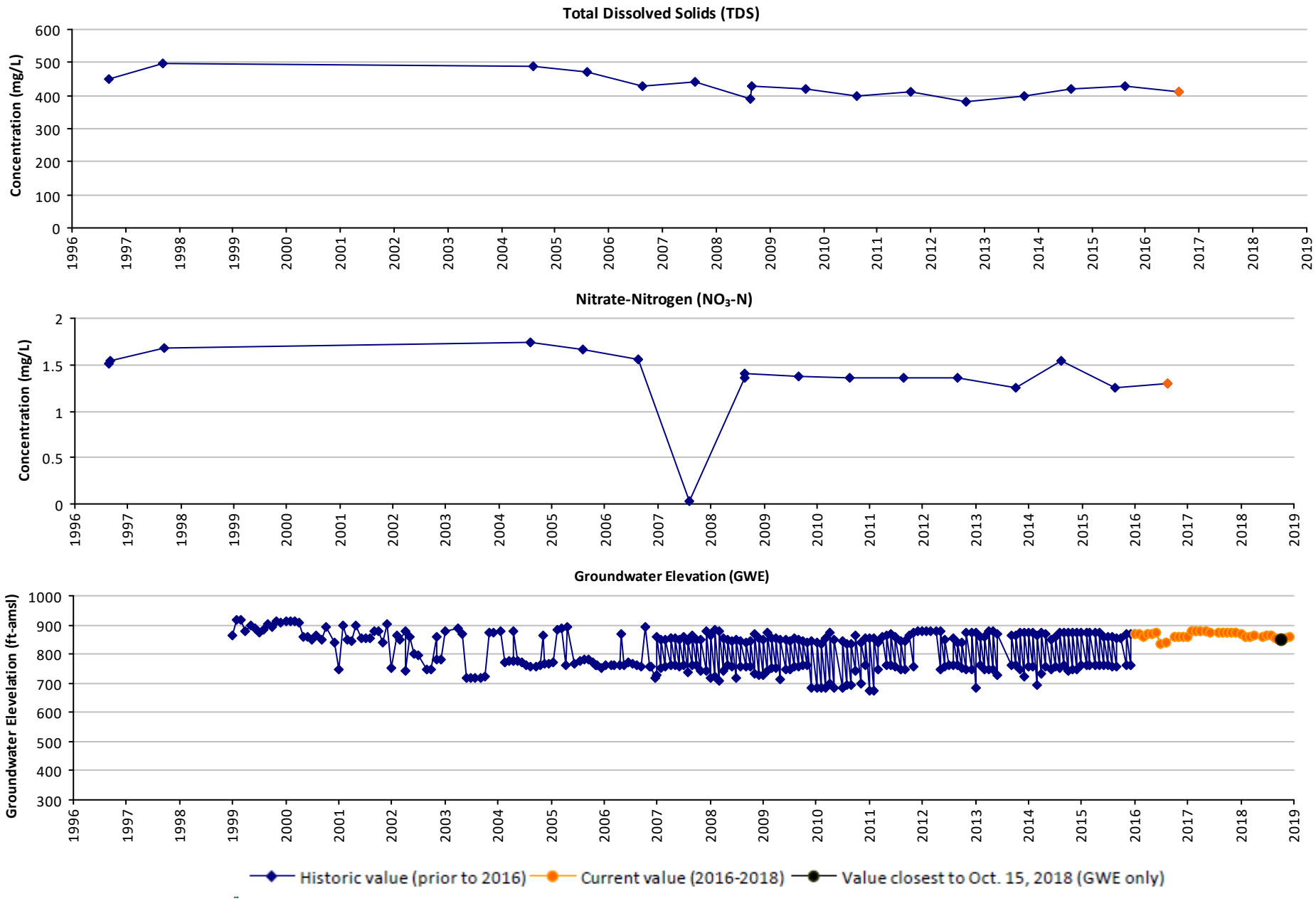


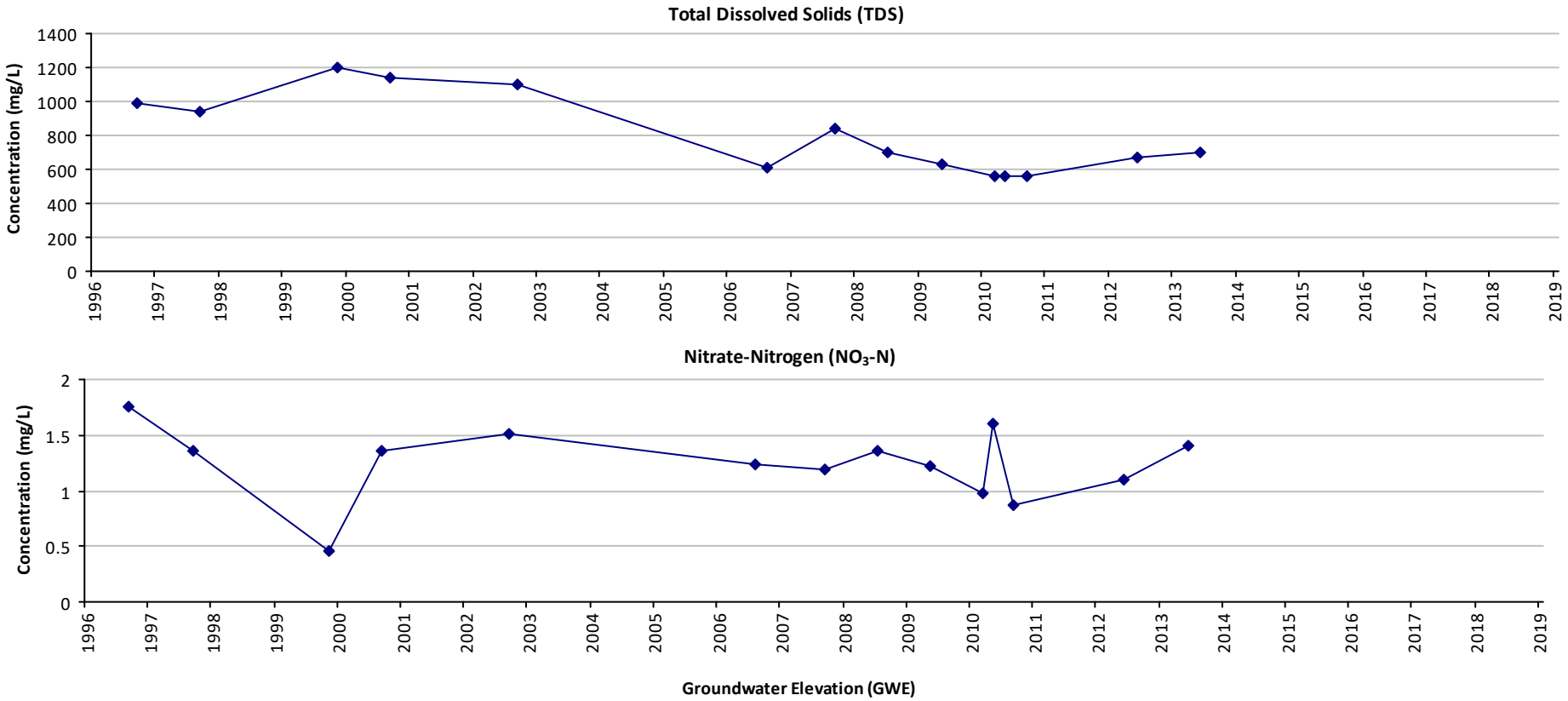
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

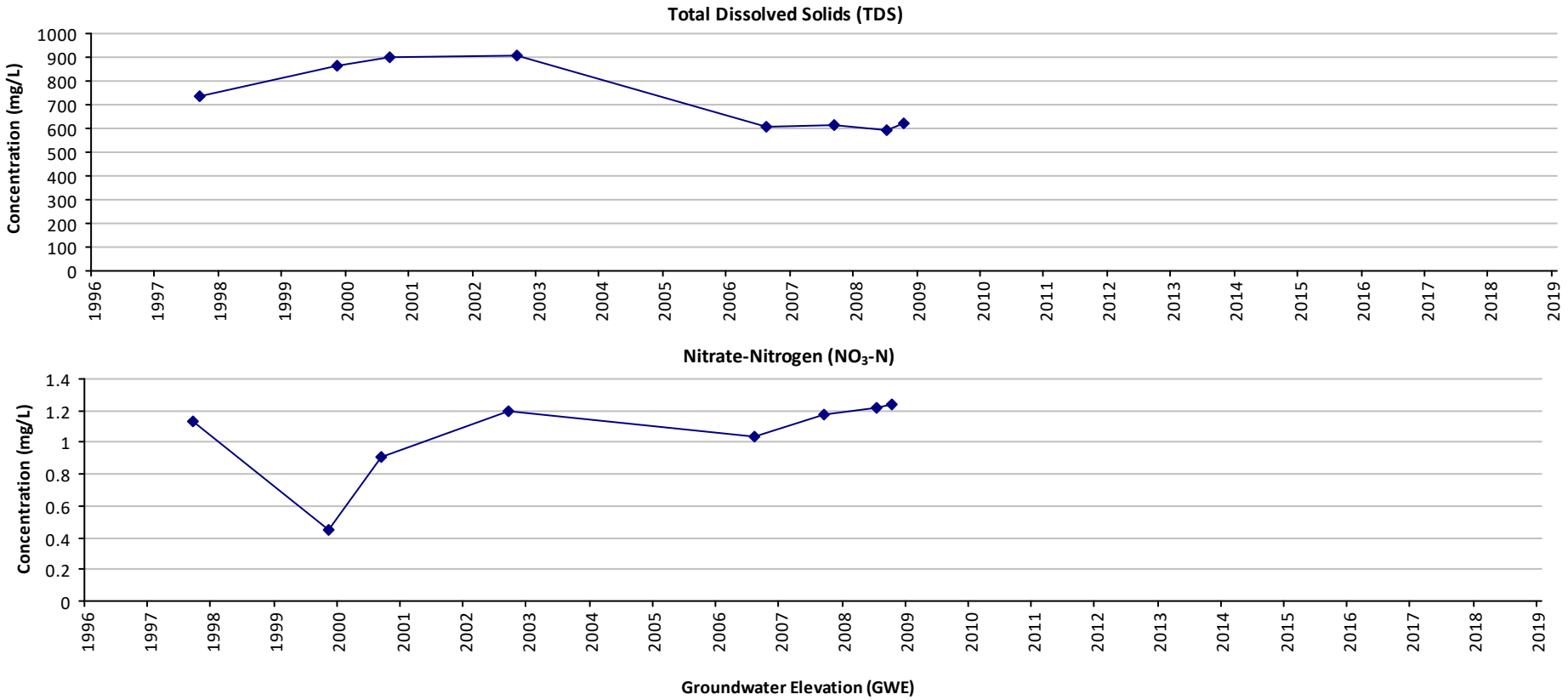

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

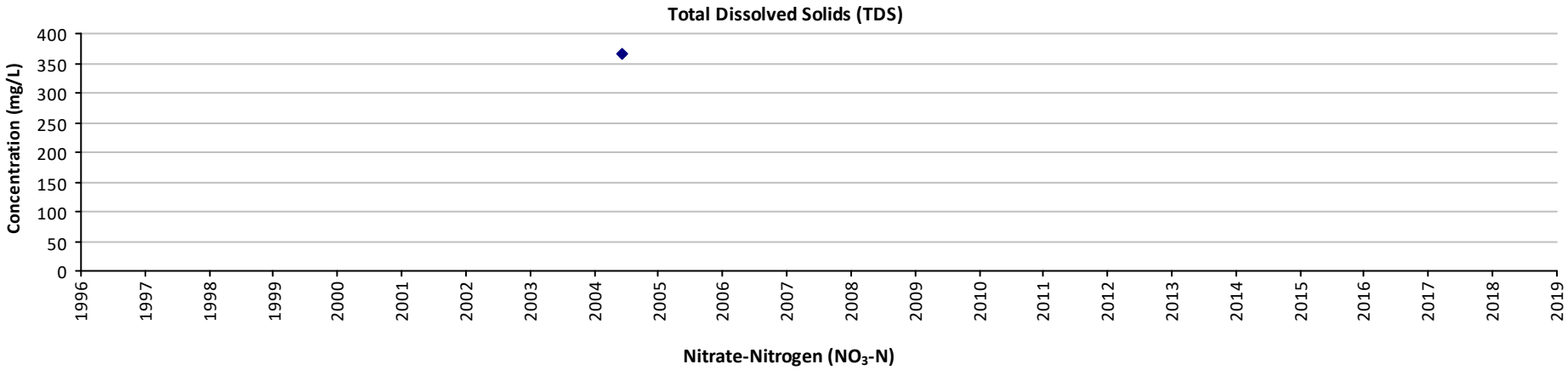

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

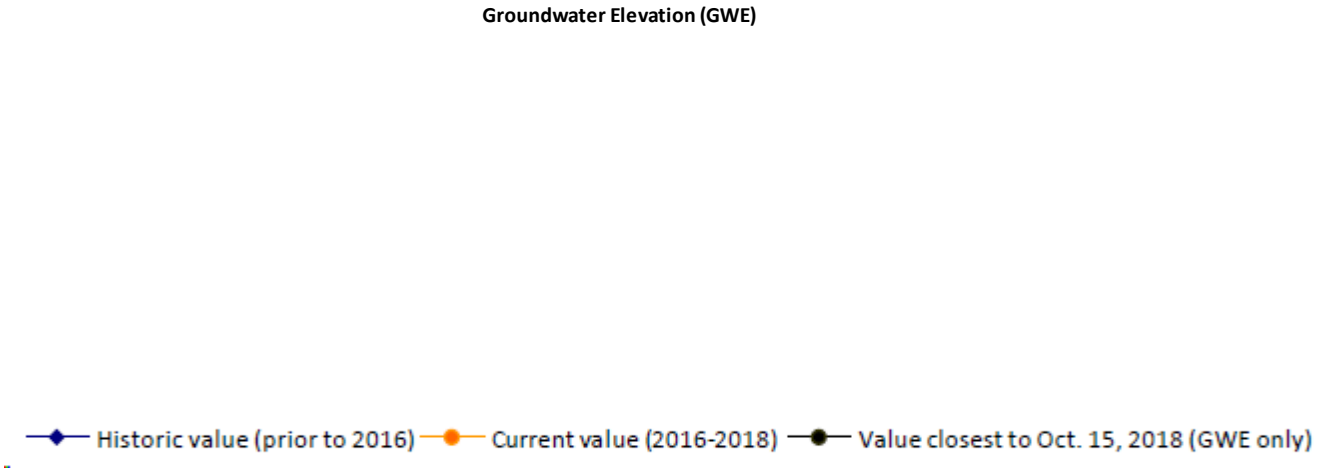

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

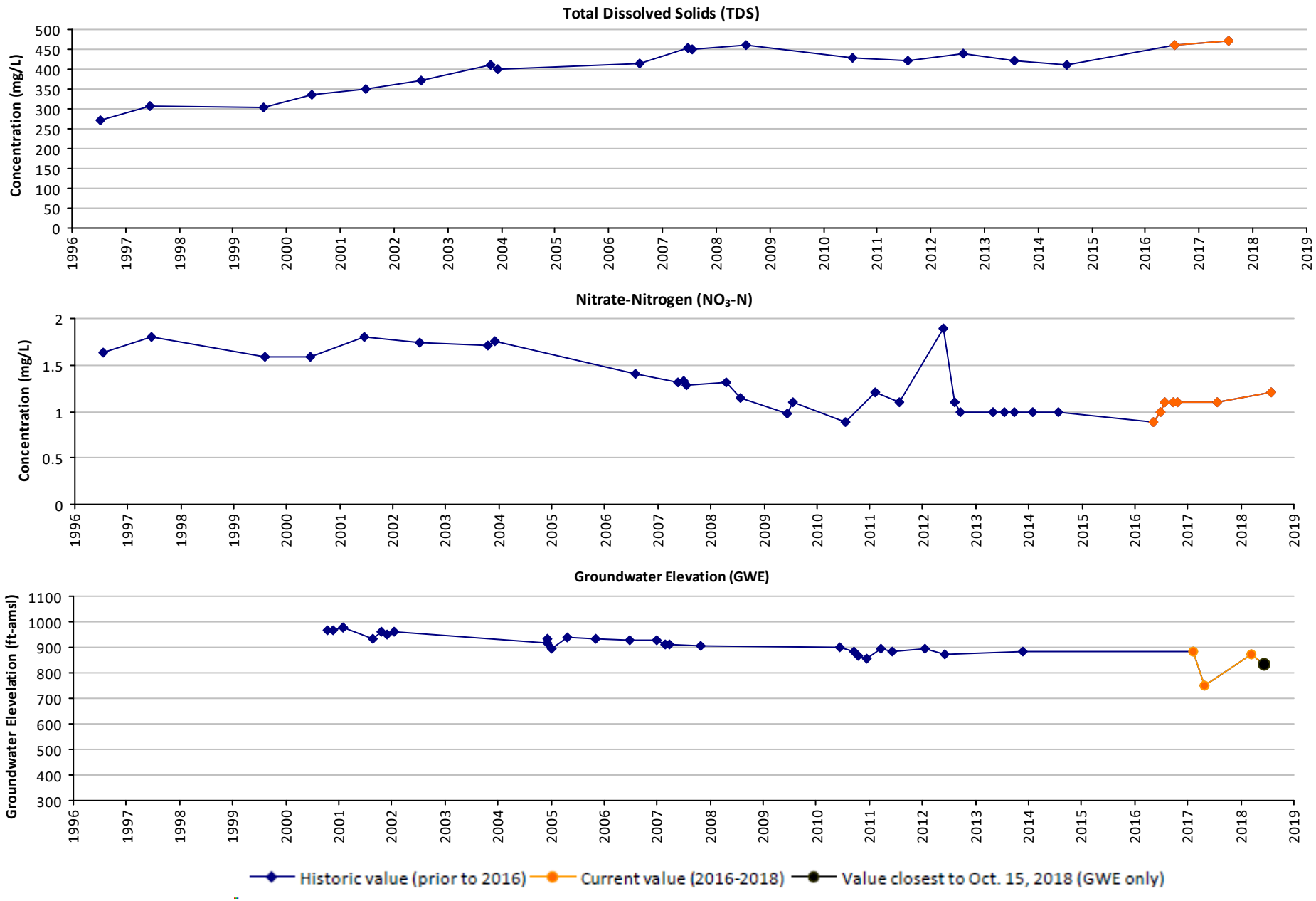

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

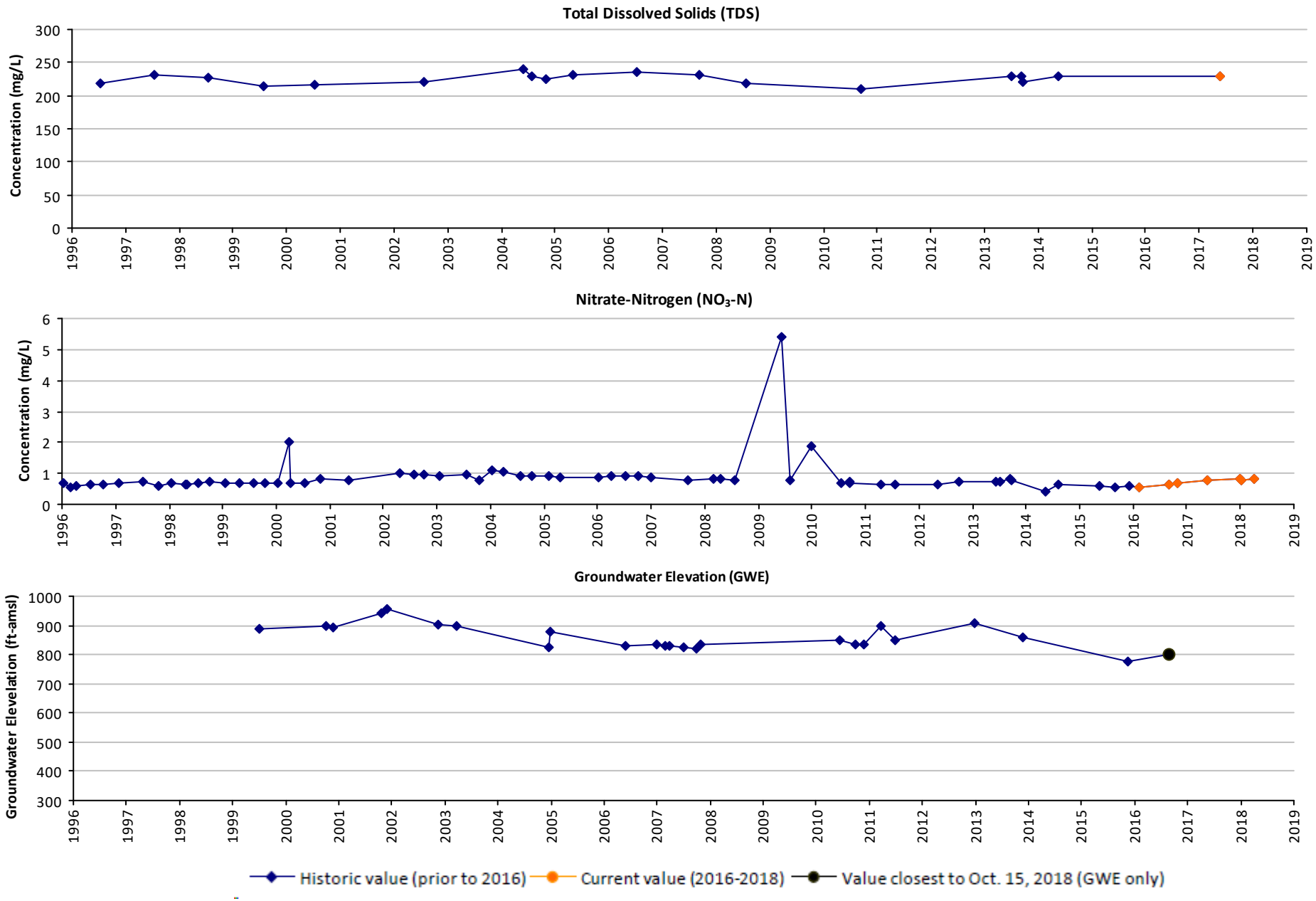

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

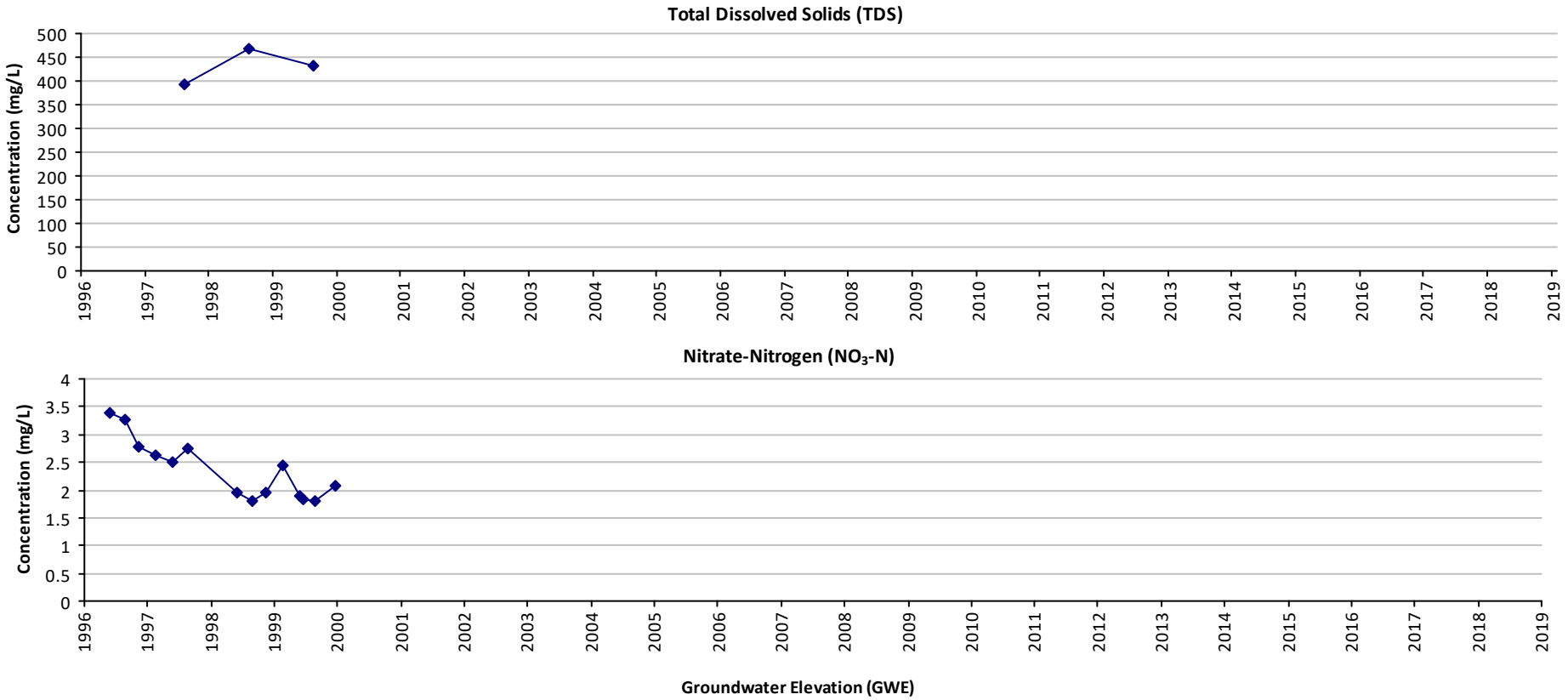

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

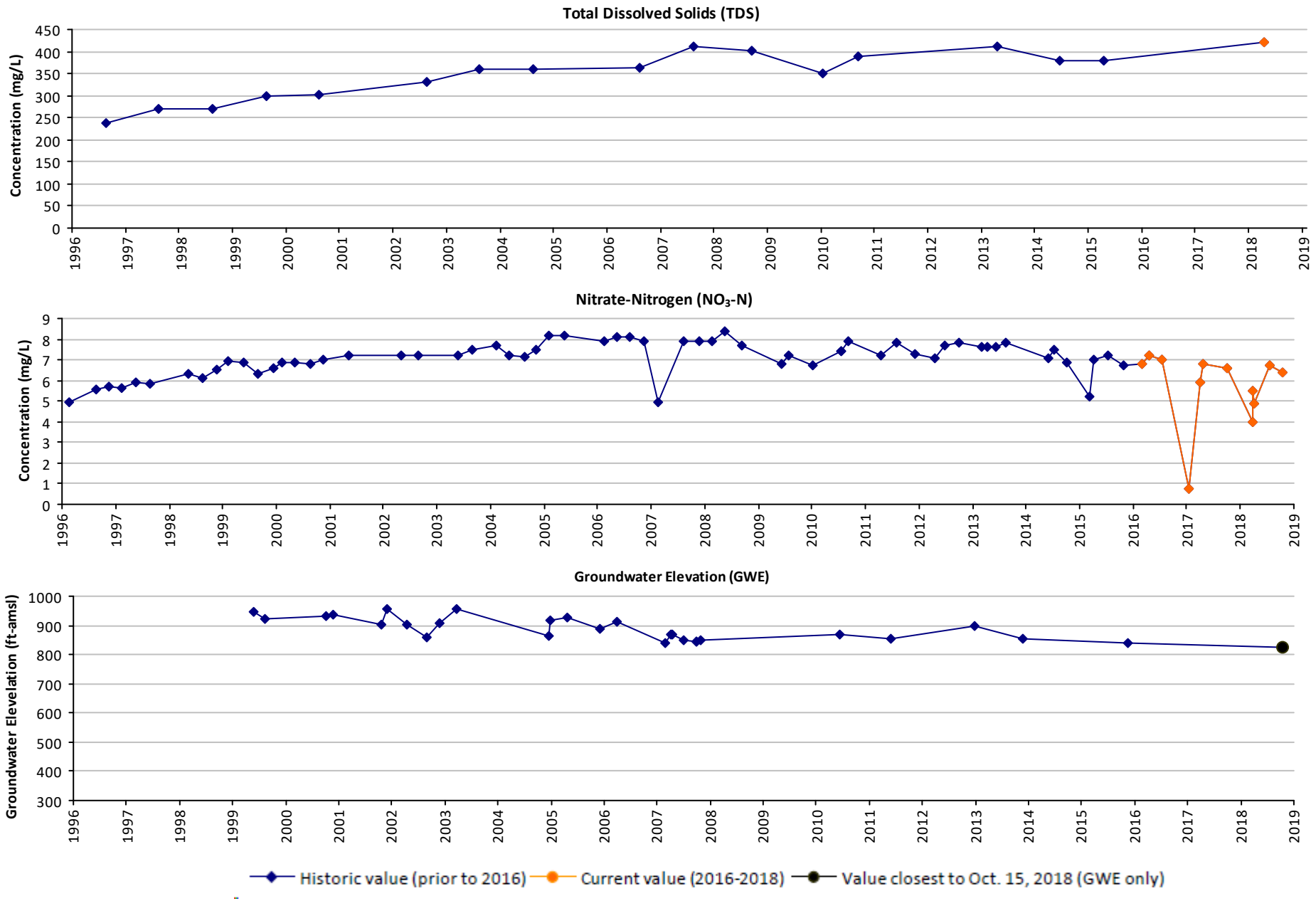

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

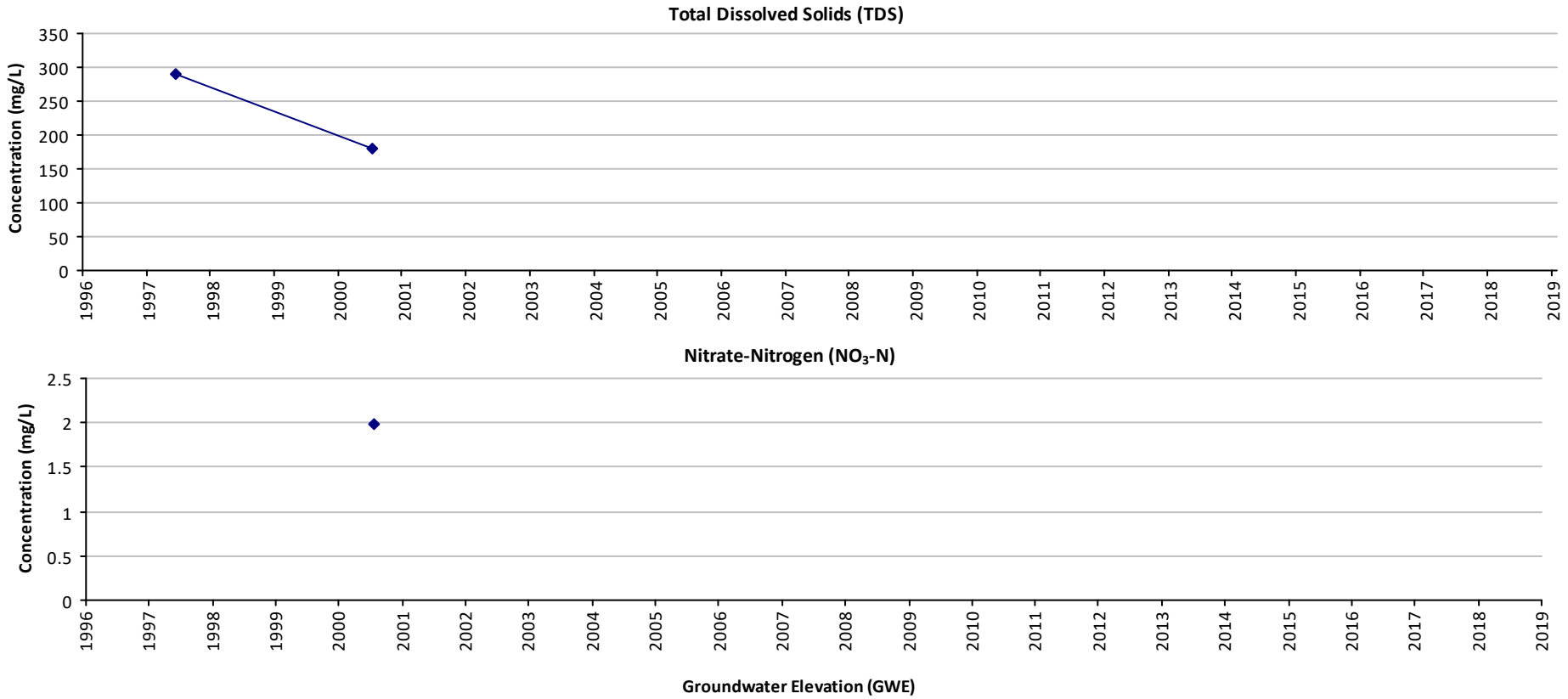
Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

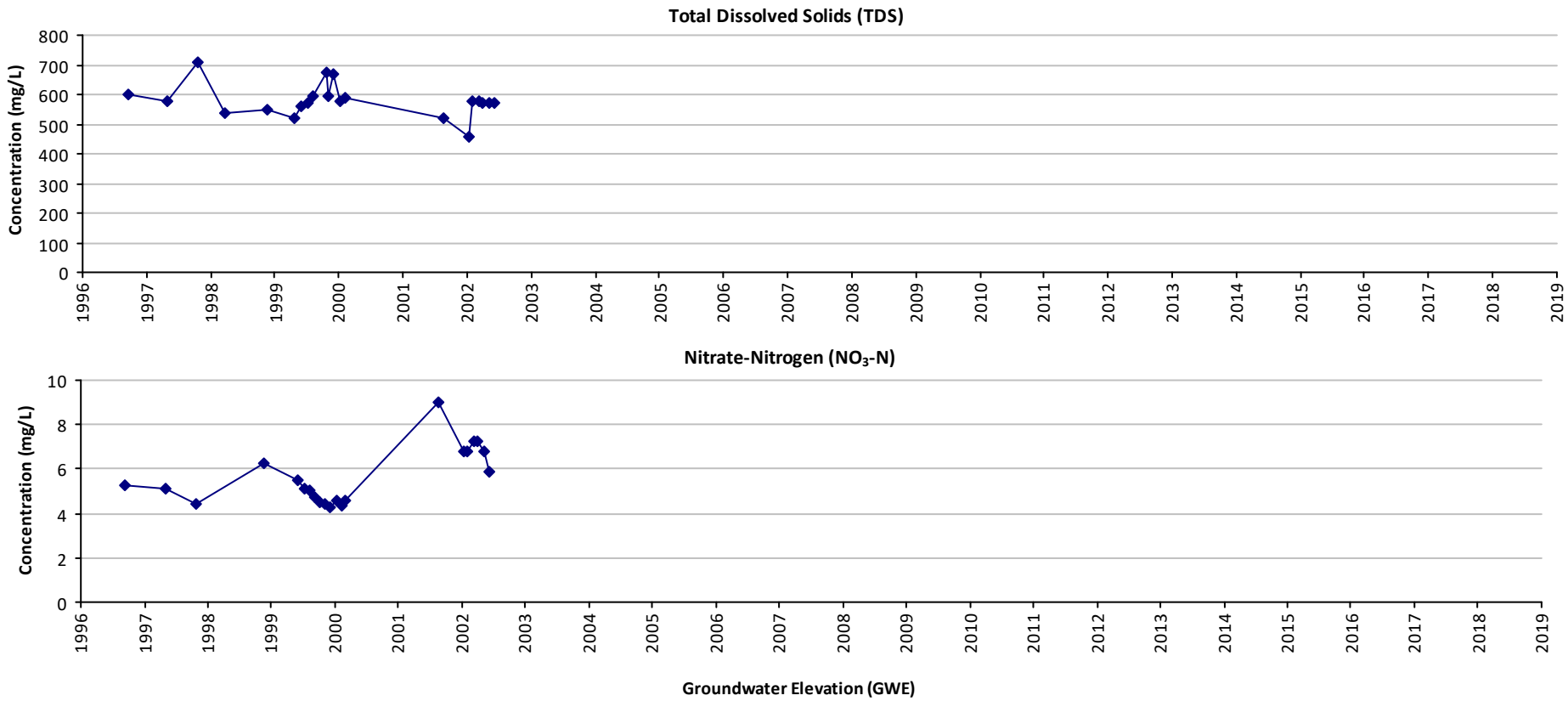
Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

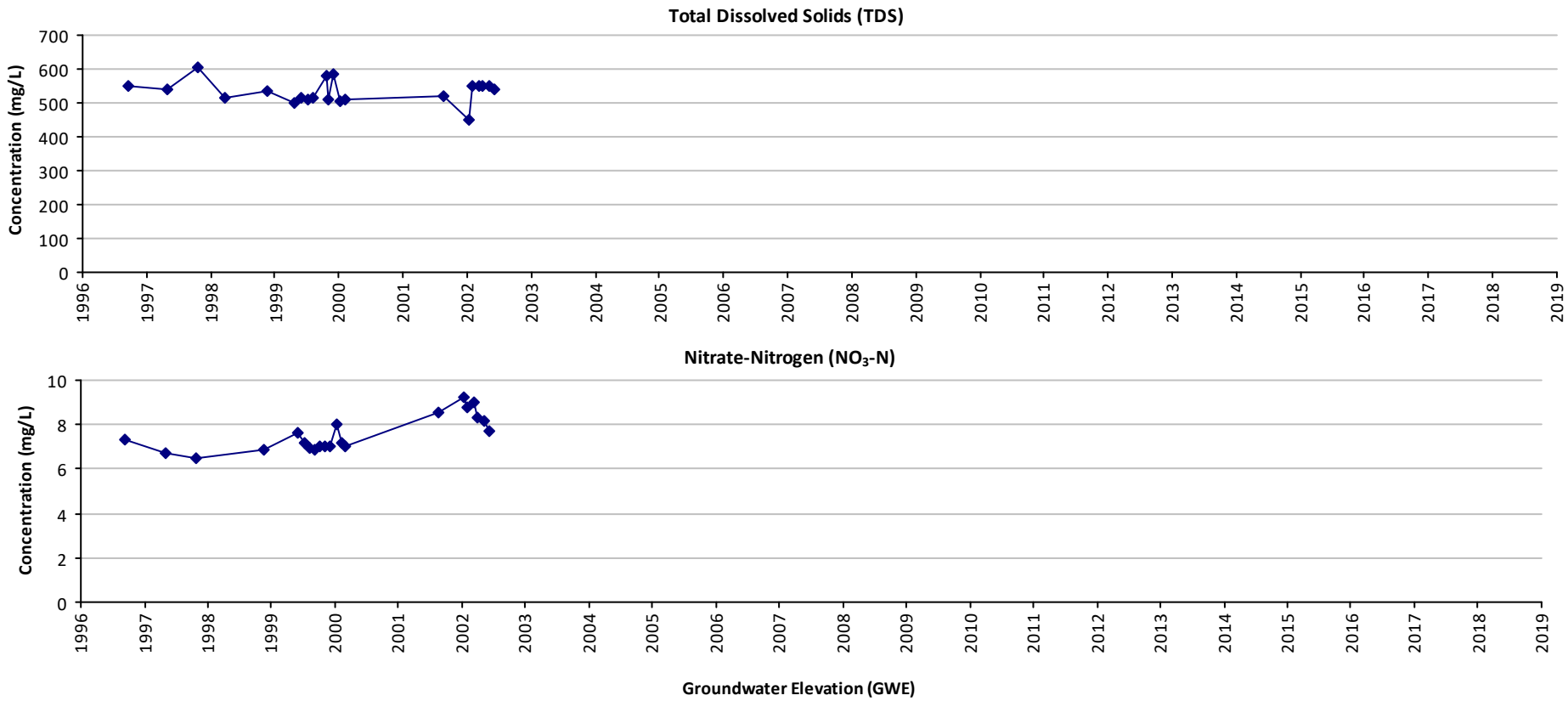

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

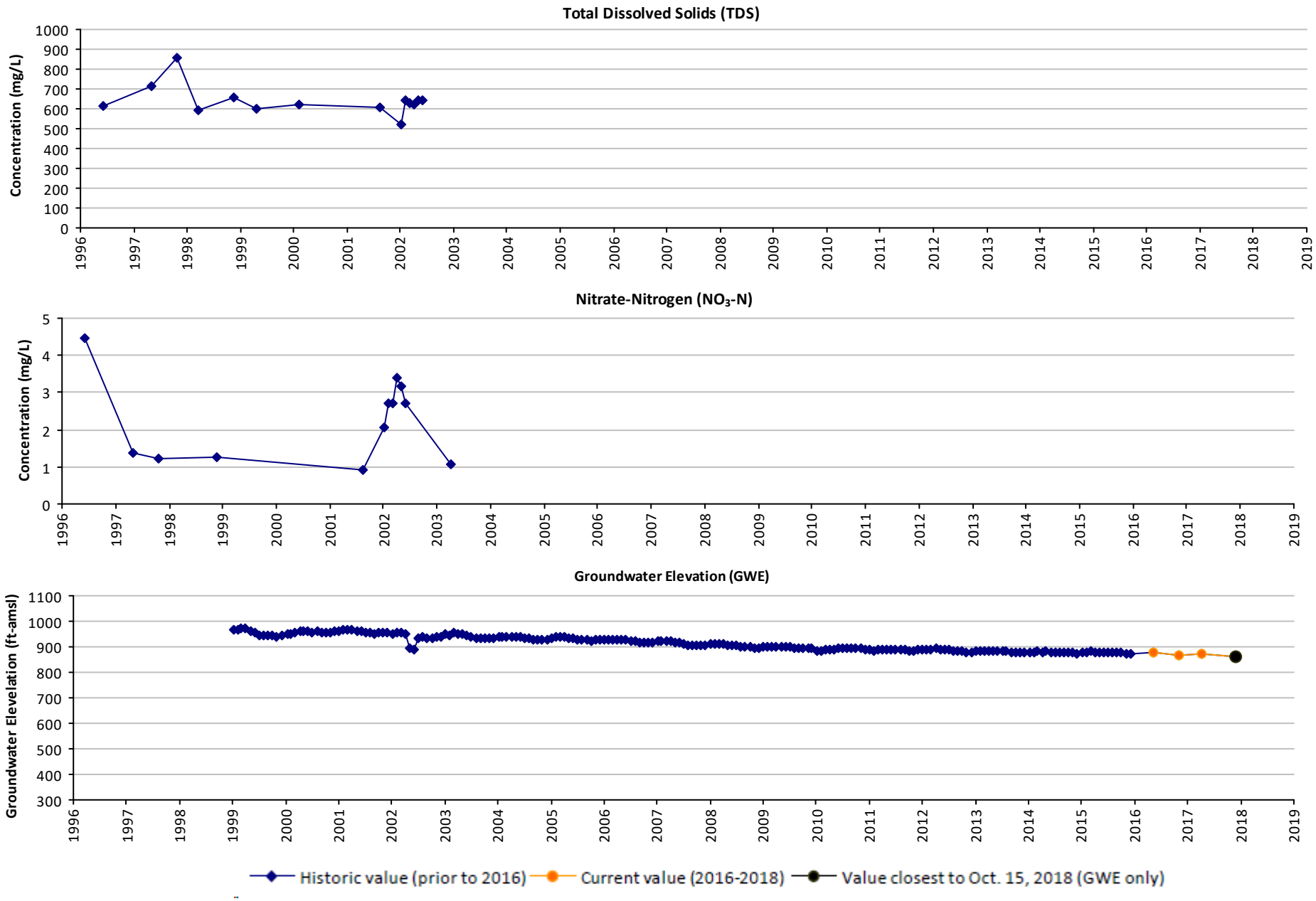

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

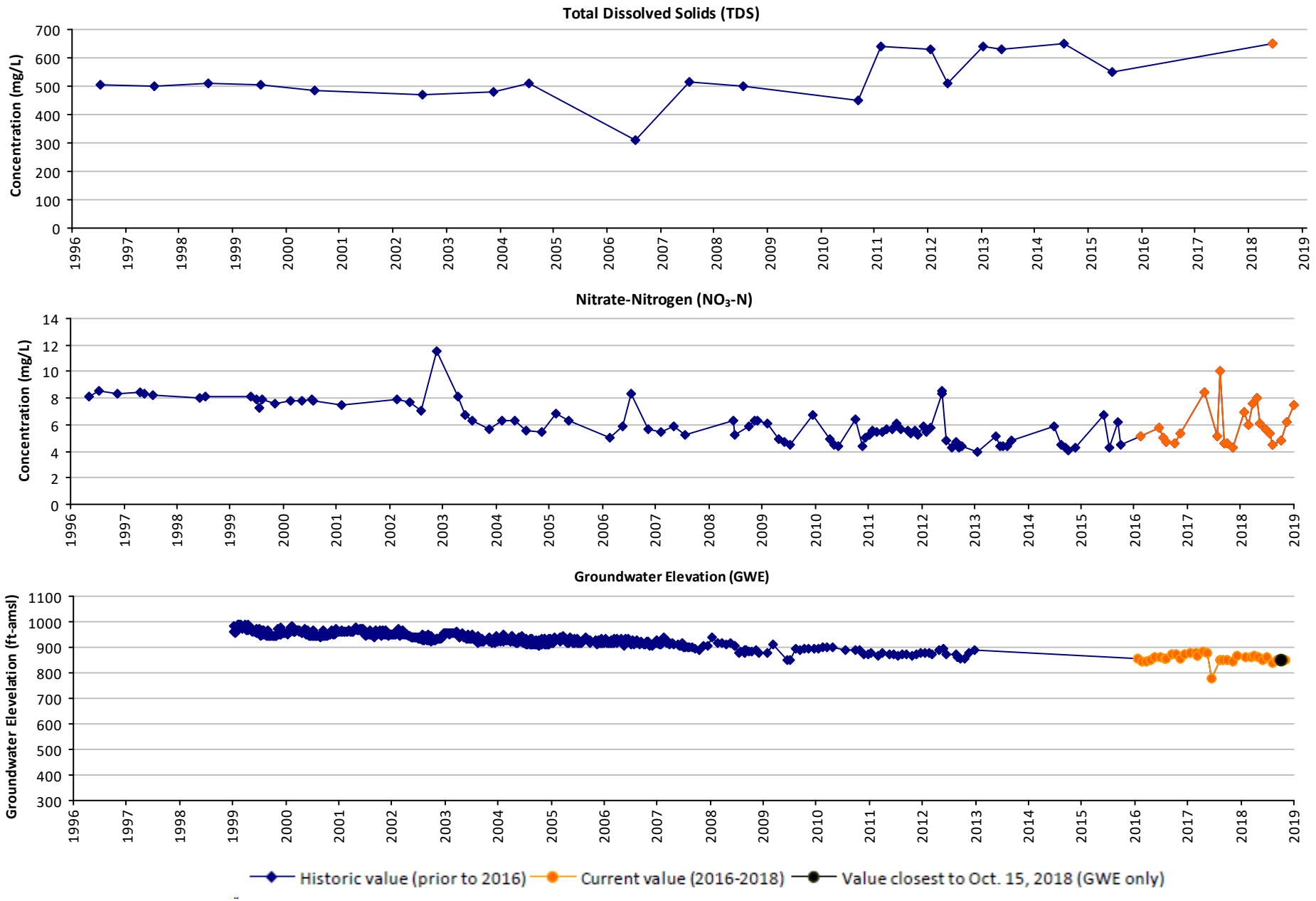

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

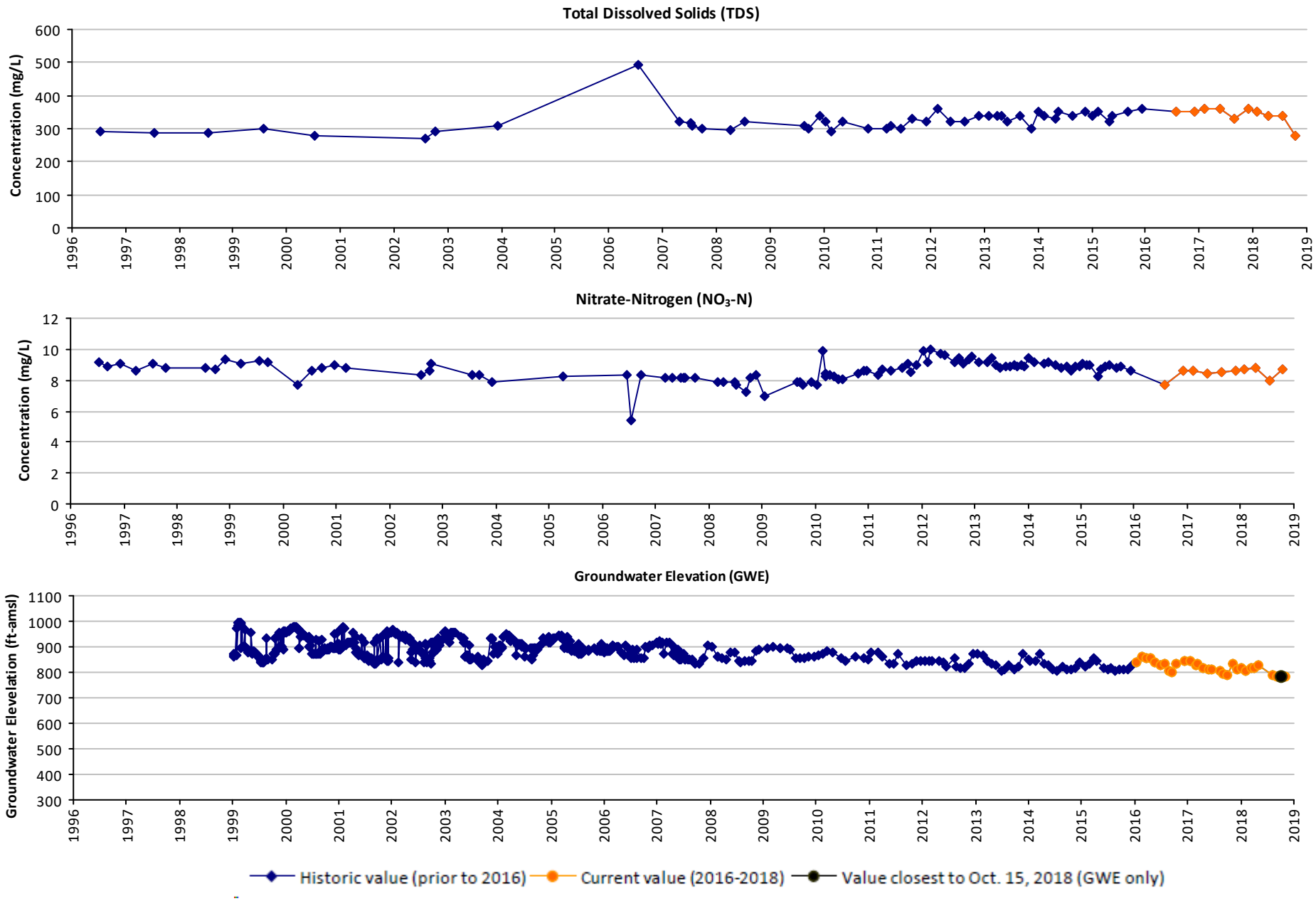

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

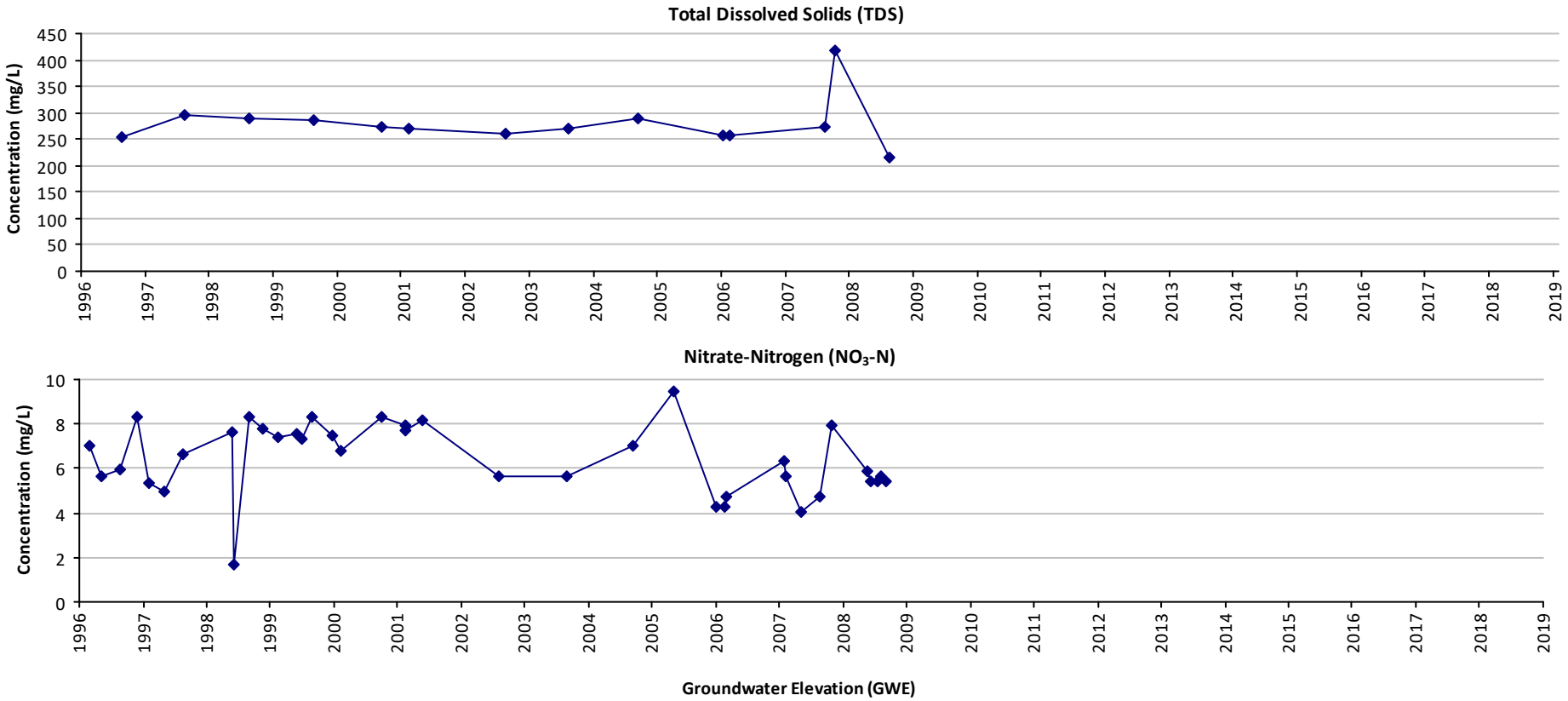

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

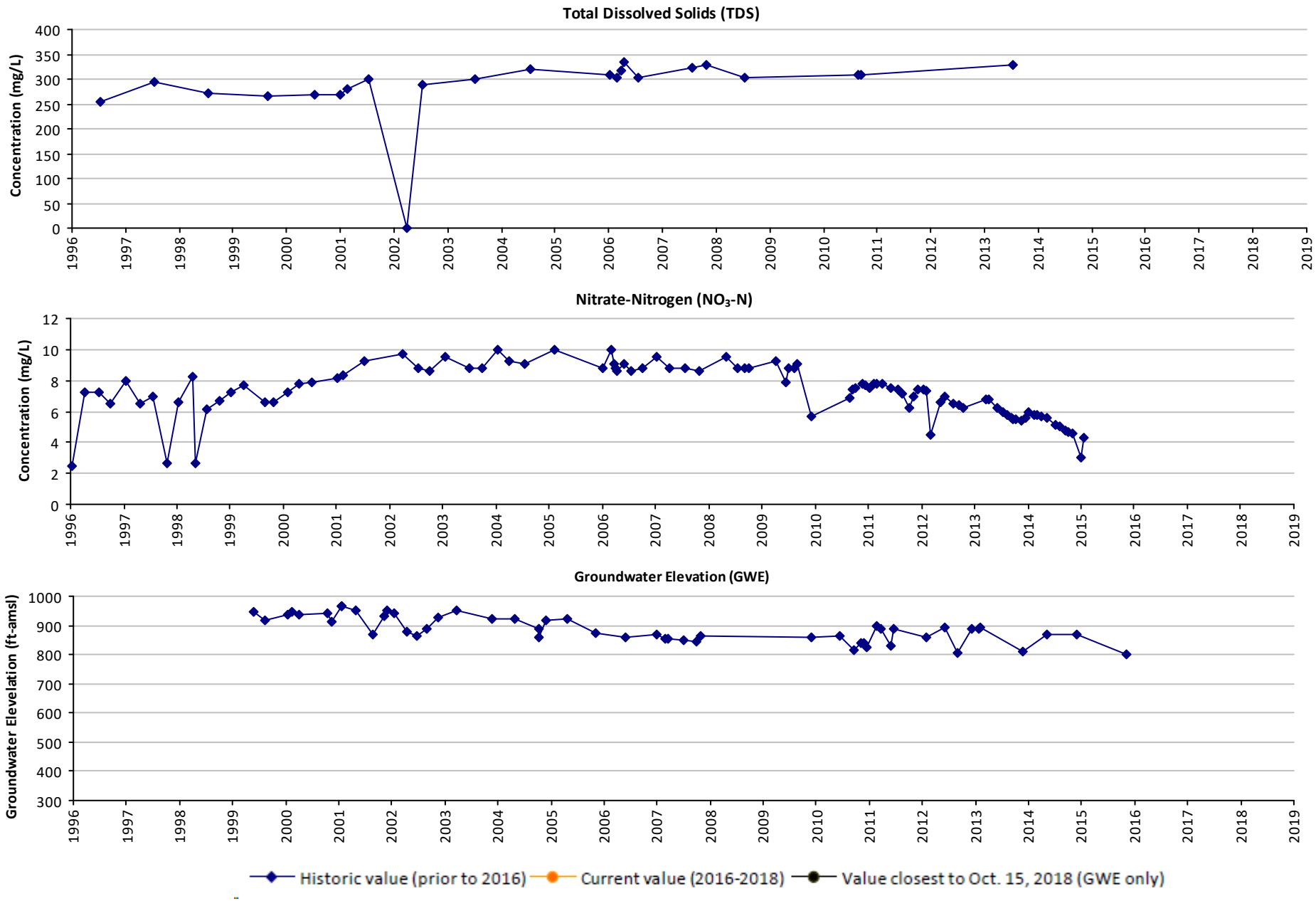

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

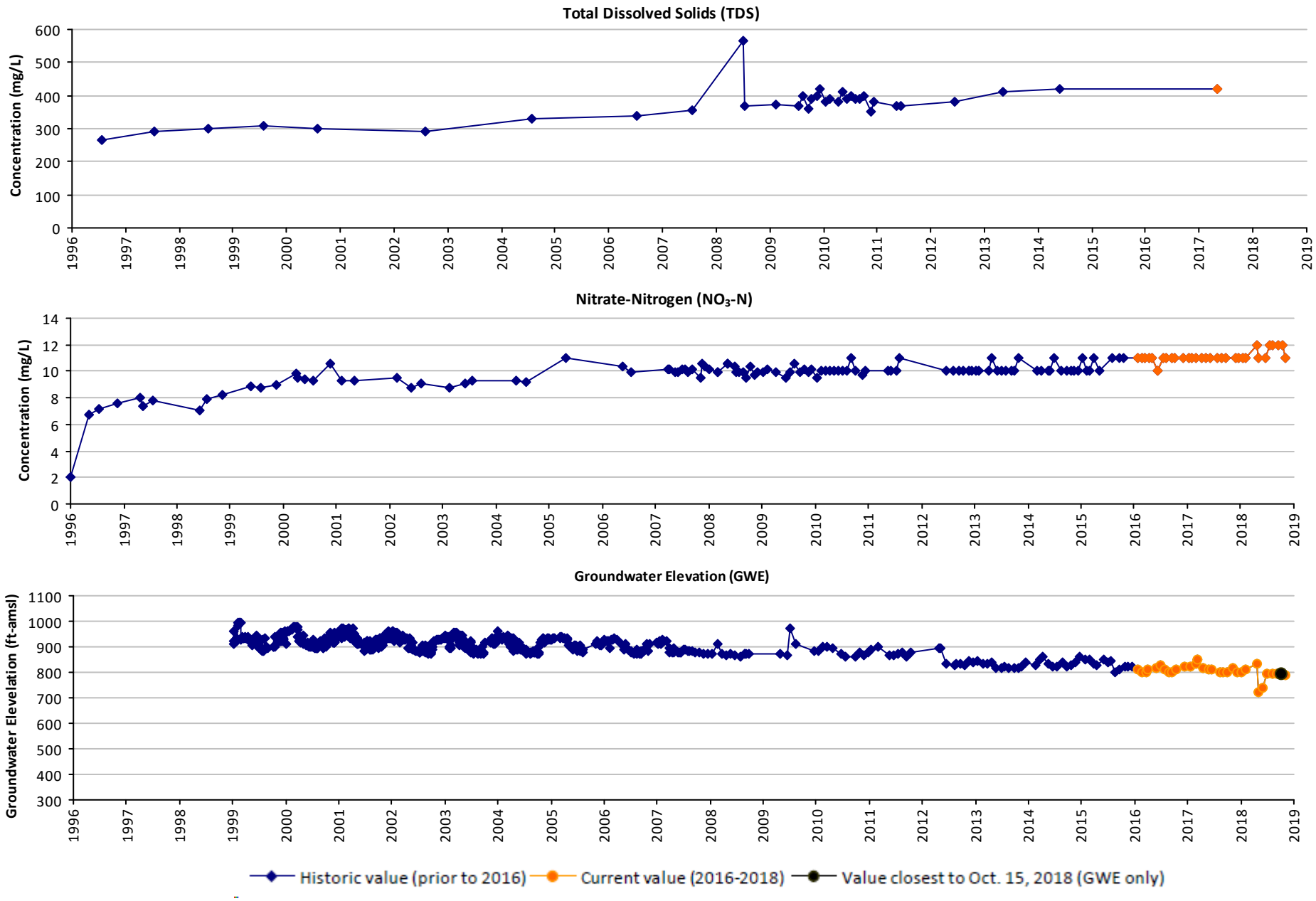

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

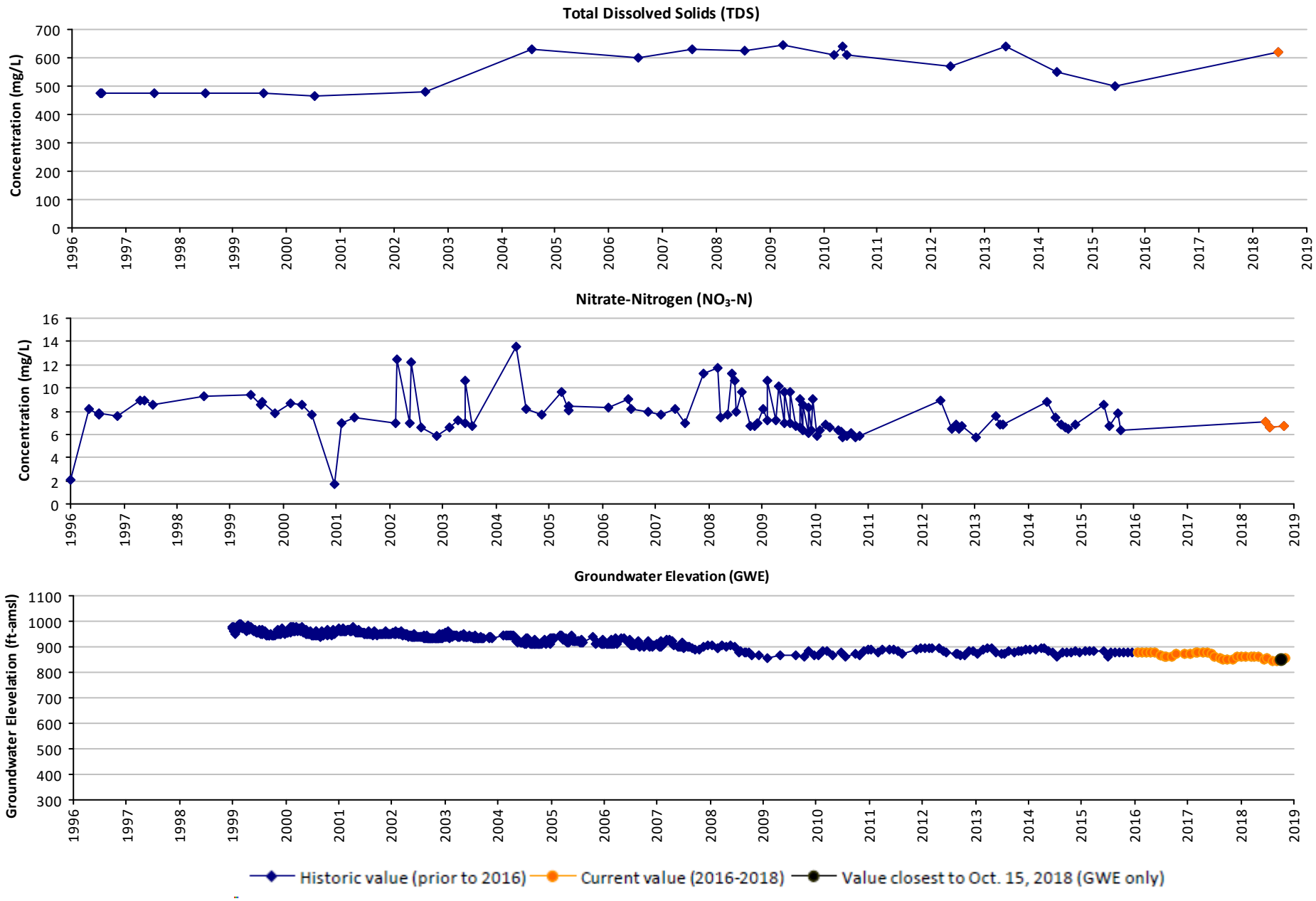

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

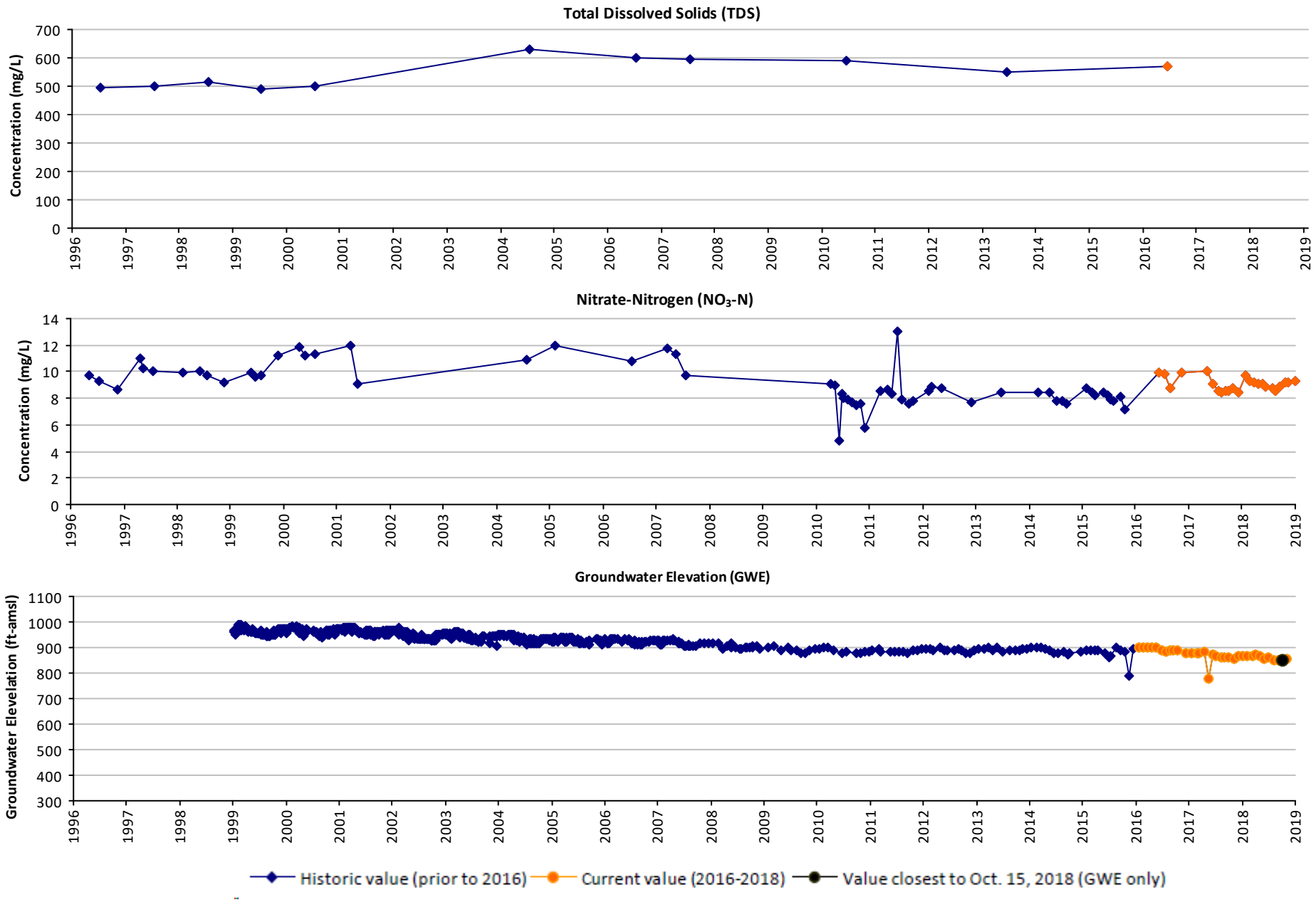

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

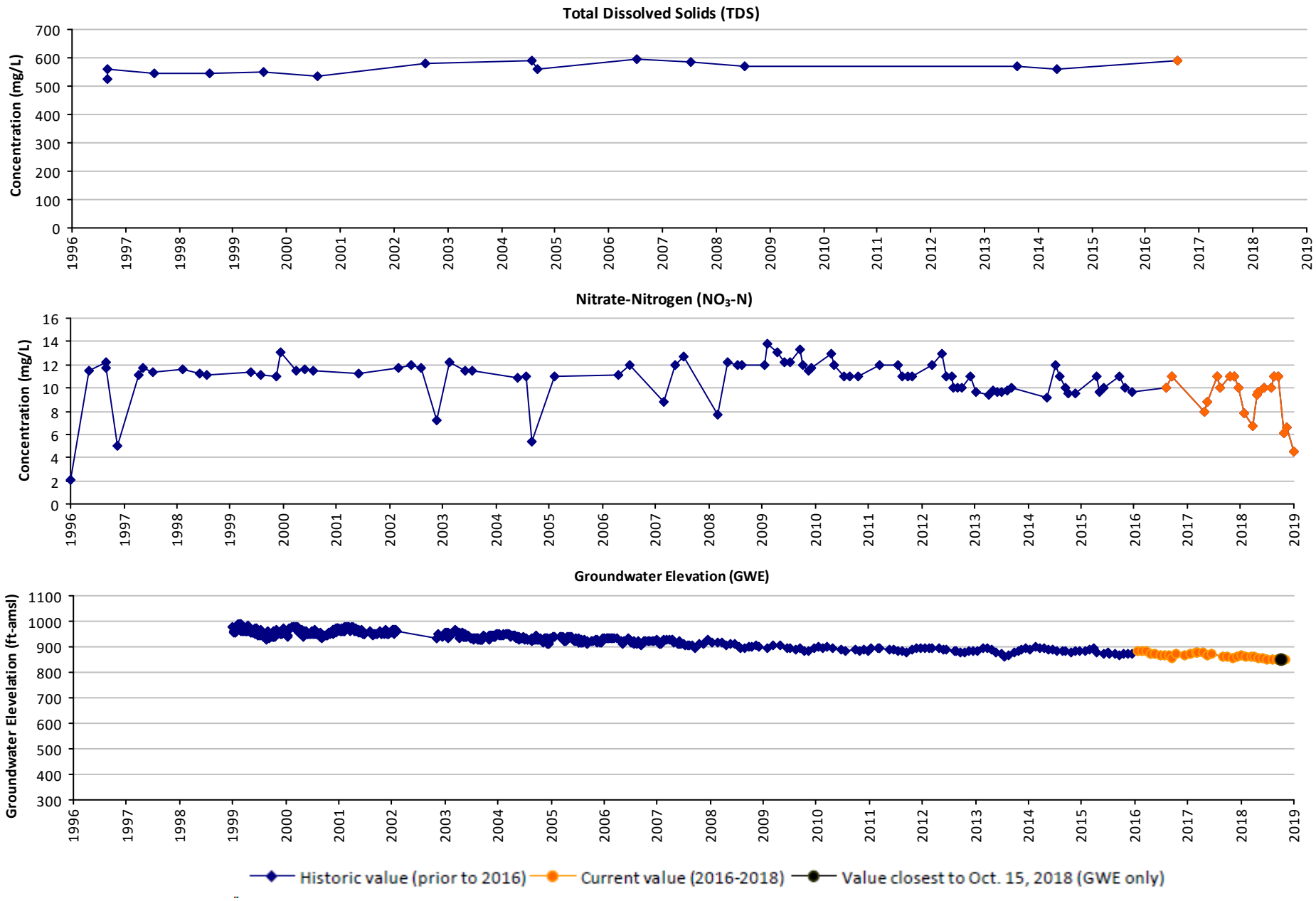

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

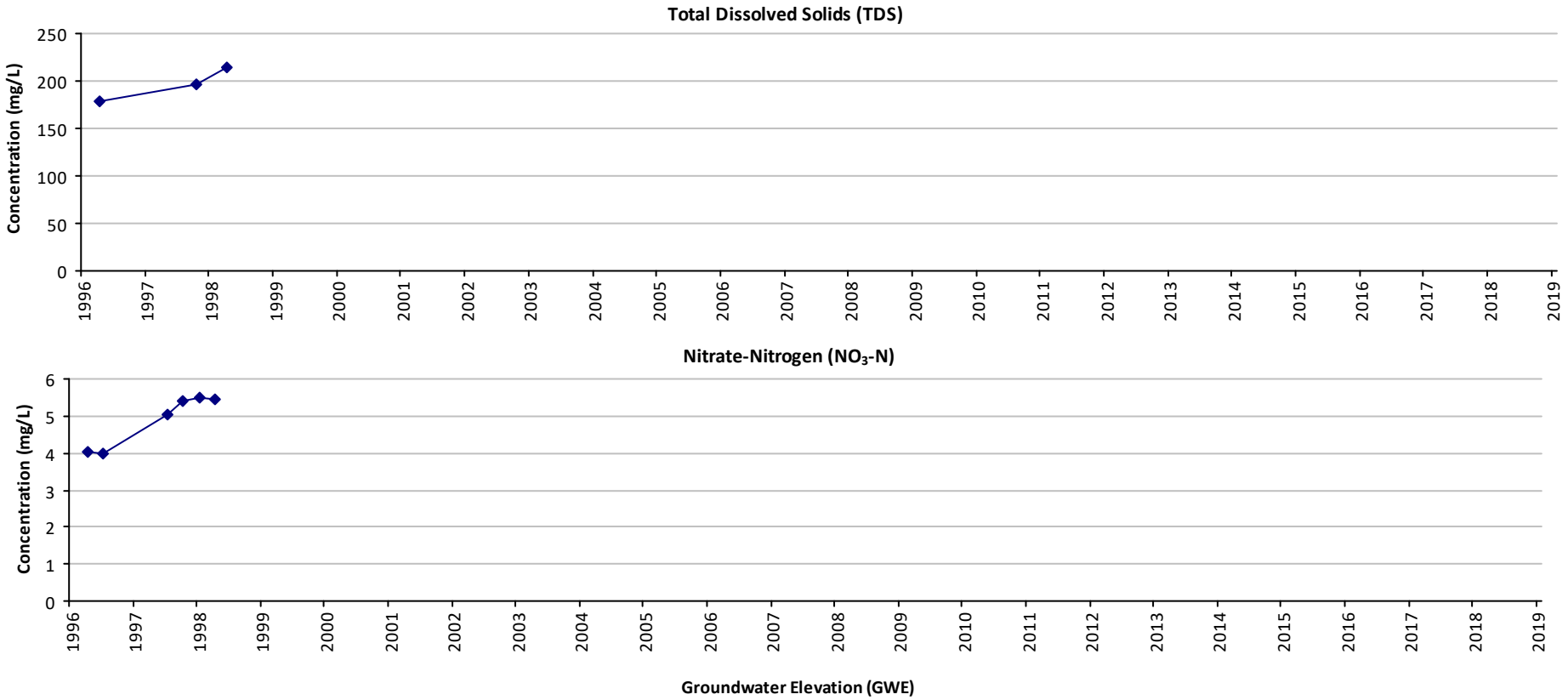

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

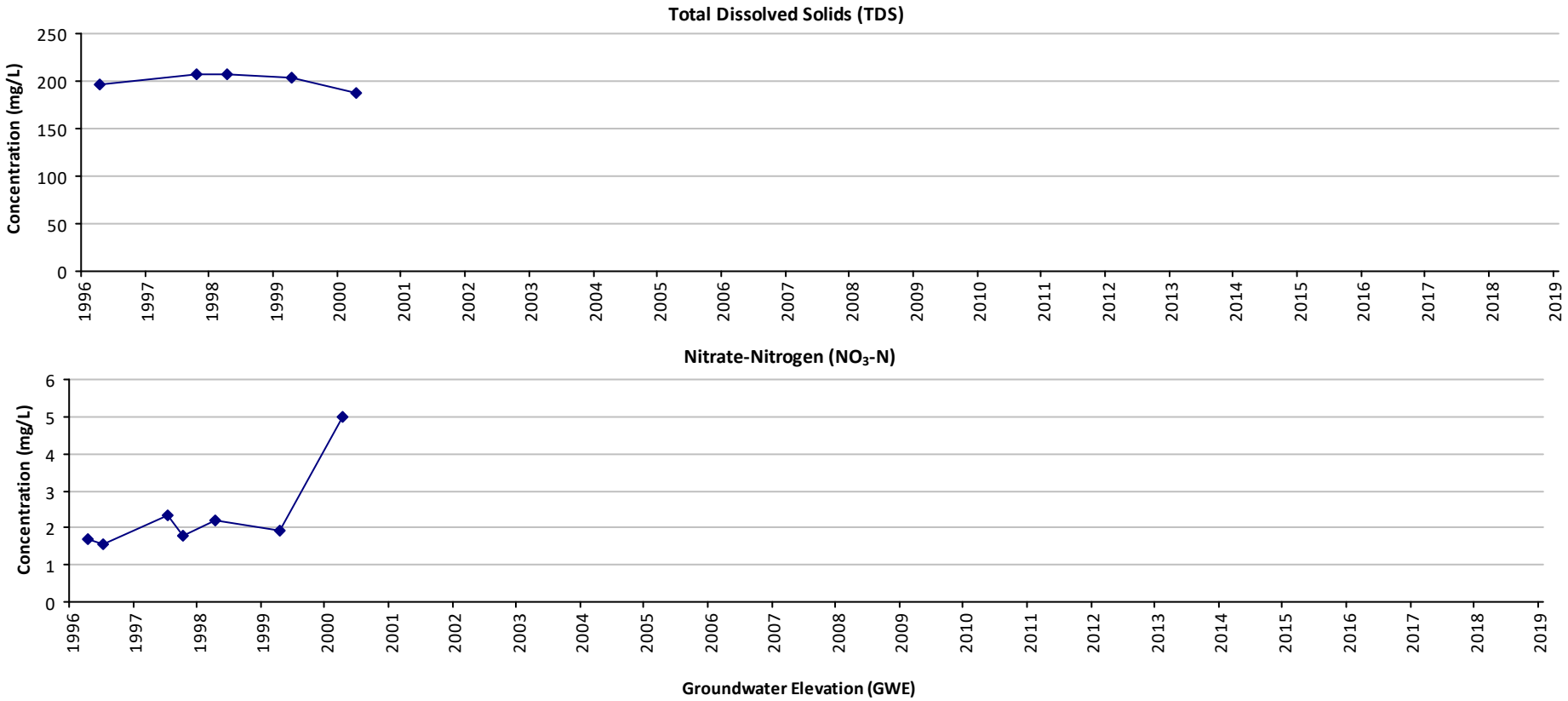

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

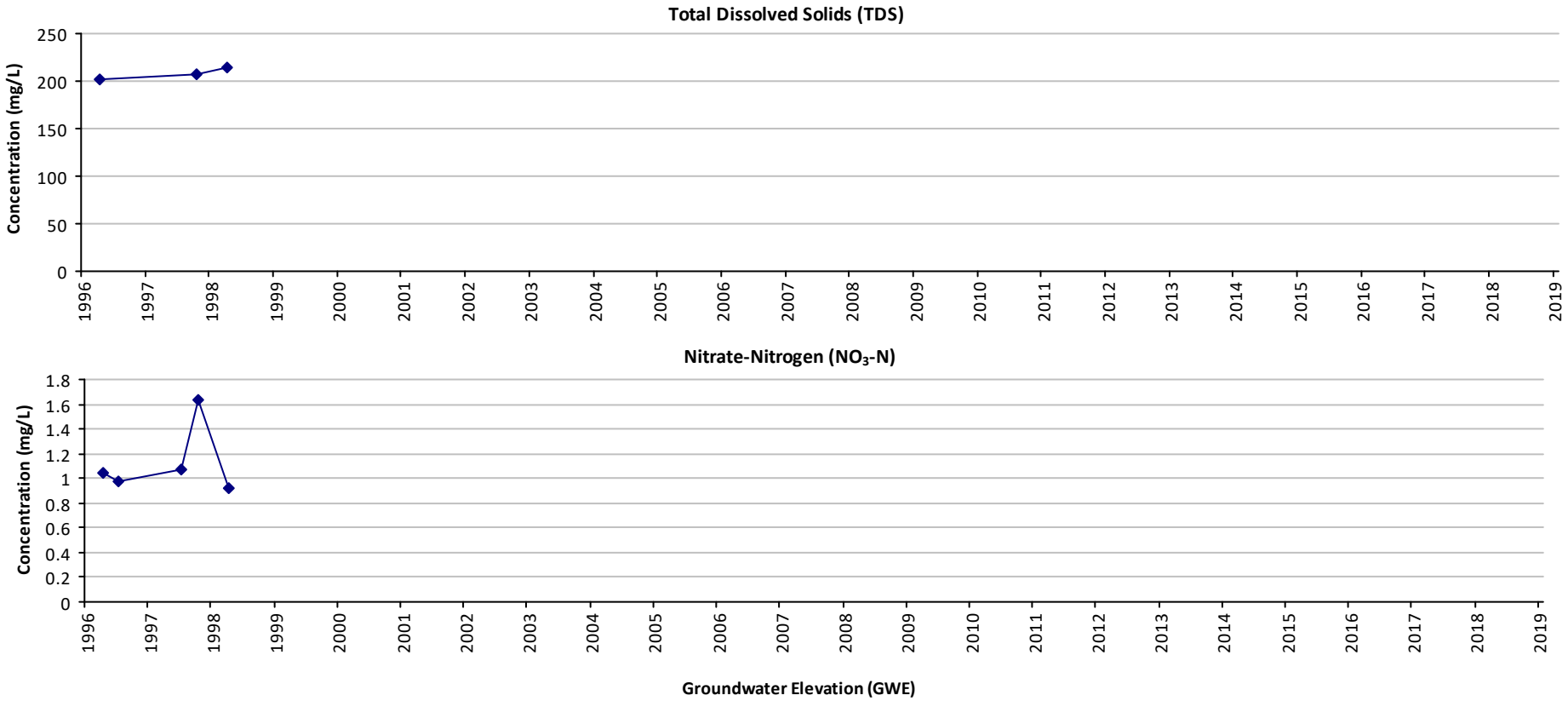

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

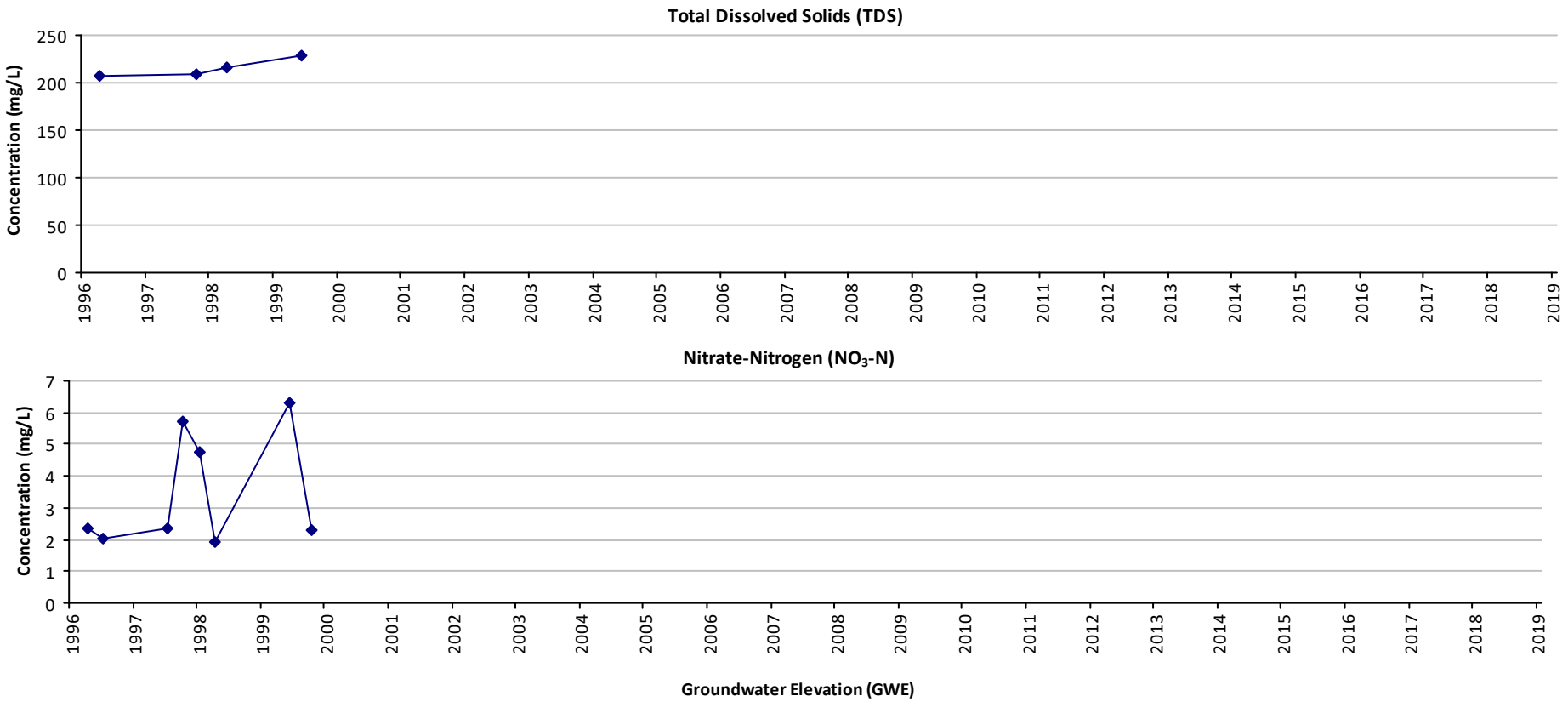

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

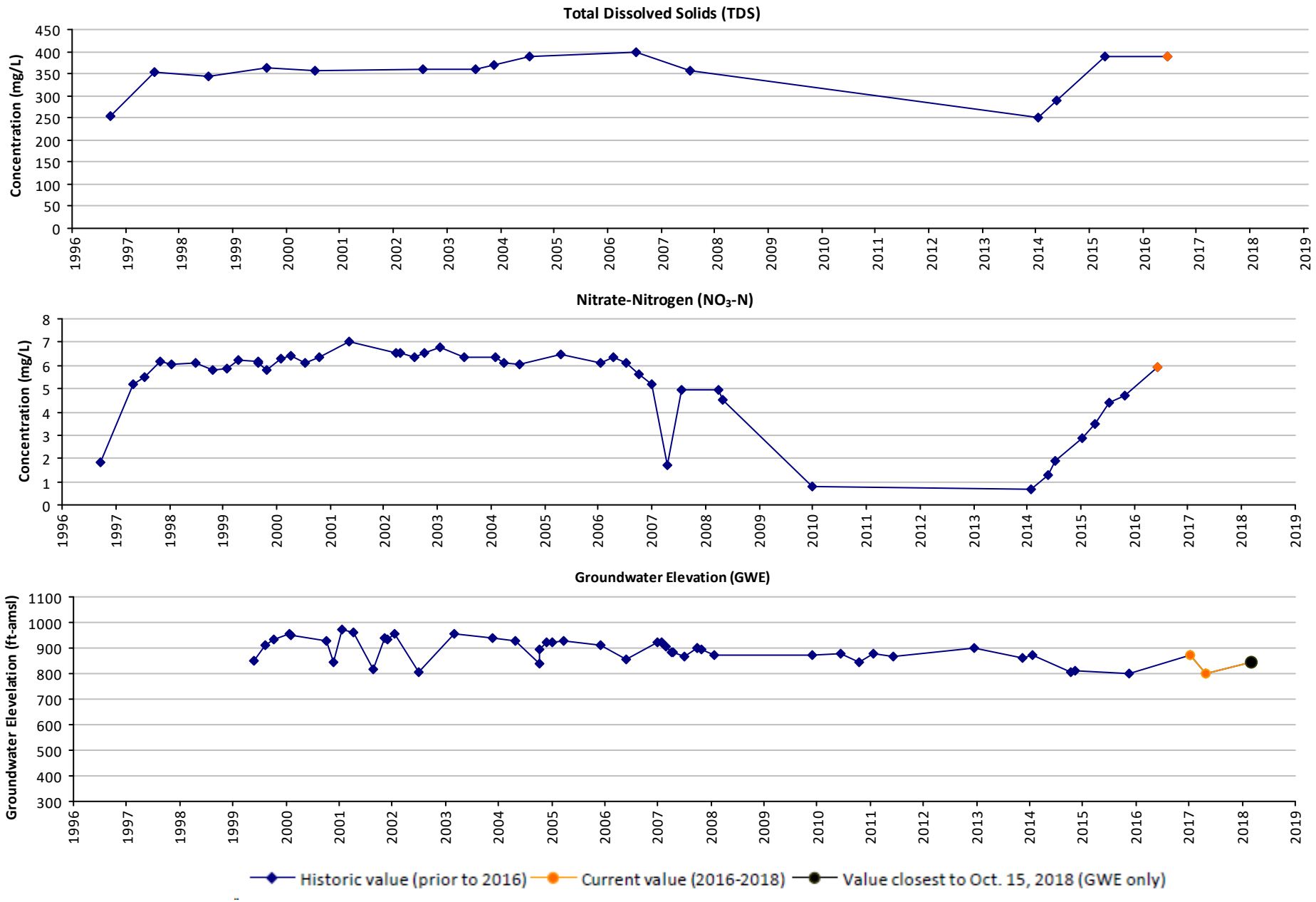

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

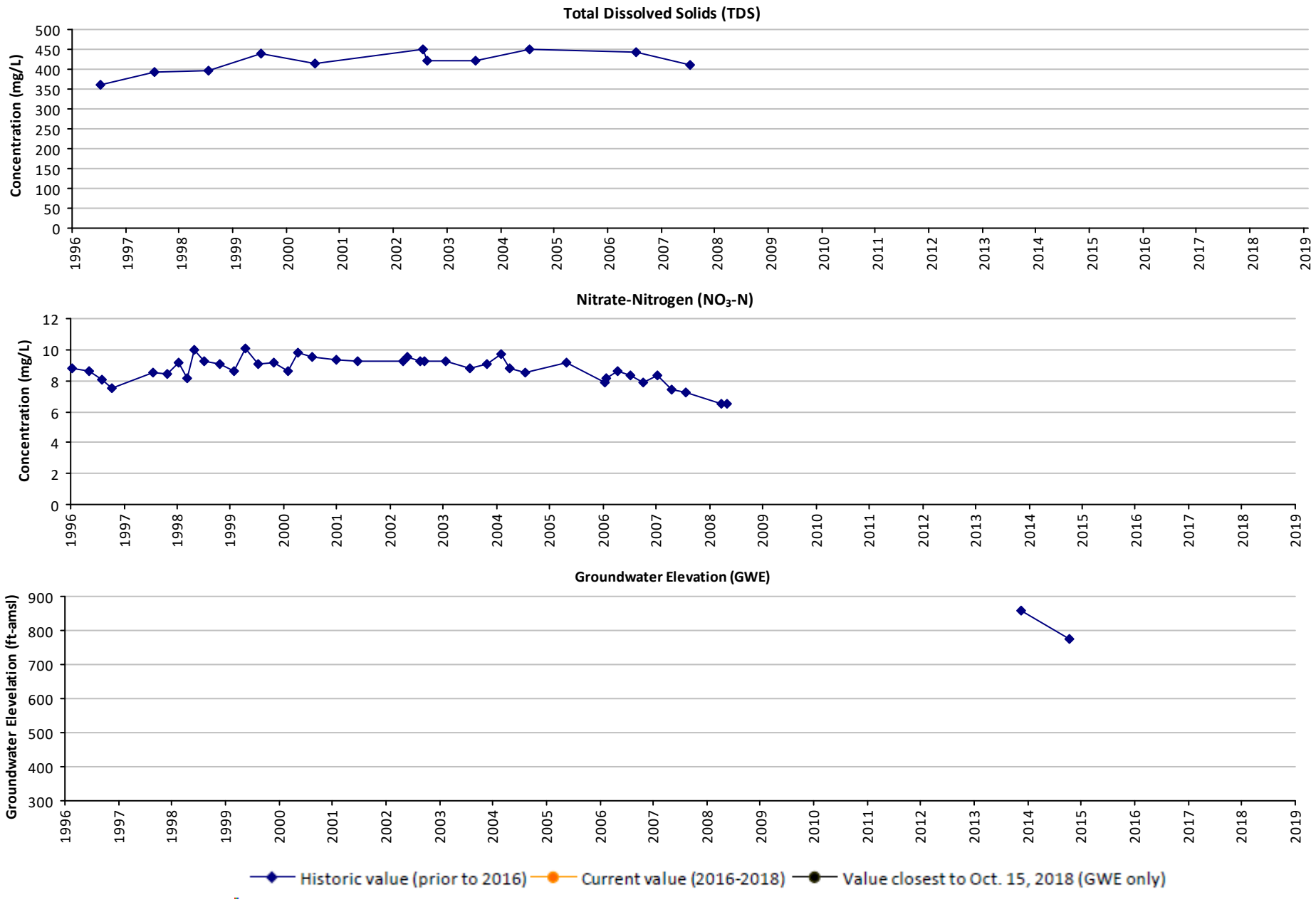

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

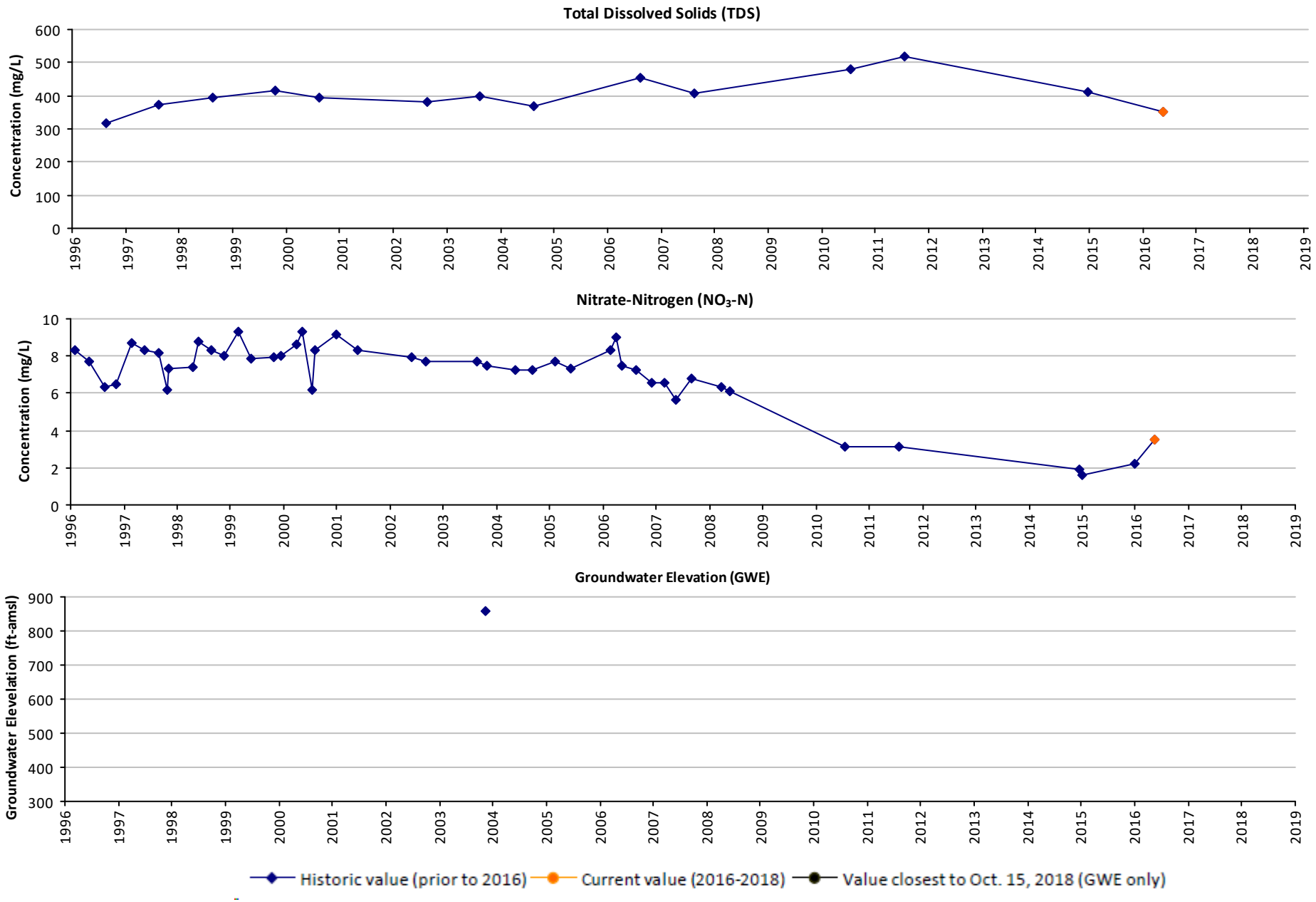

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

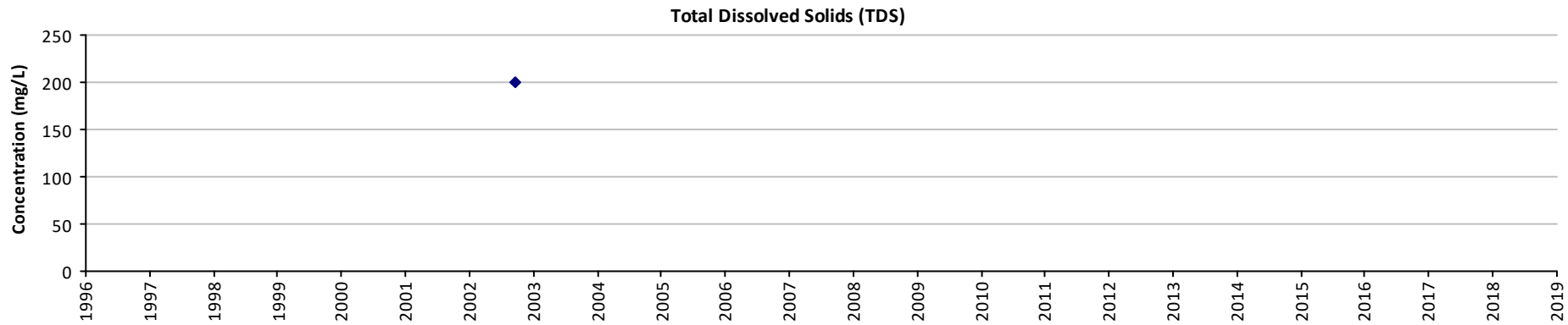

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2010
2011
2012
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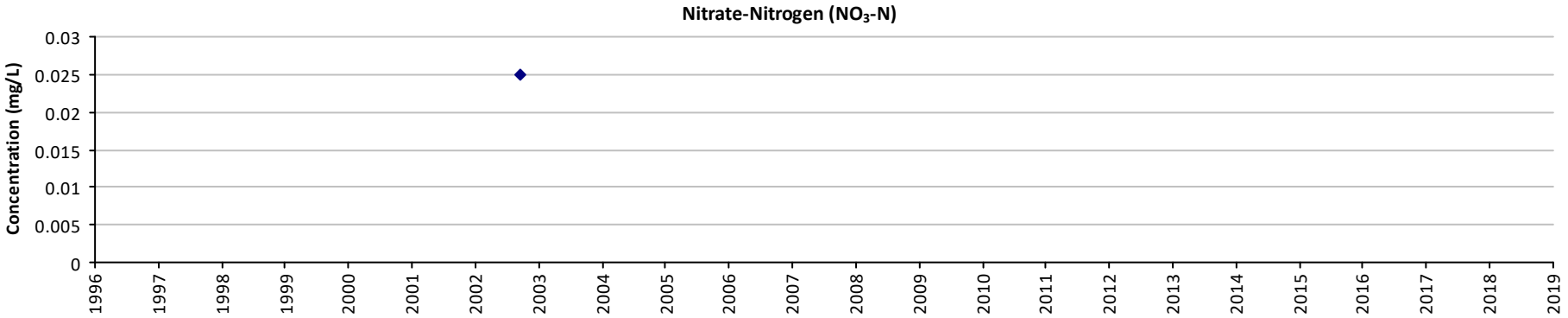
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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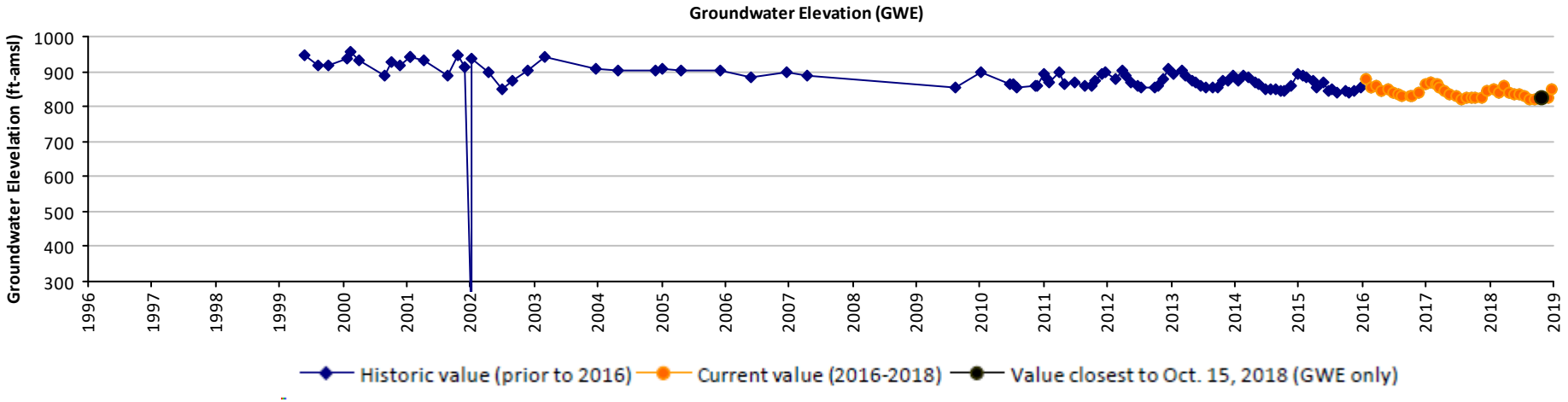
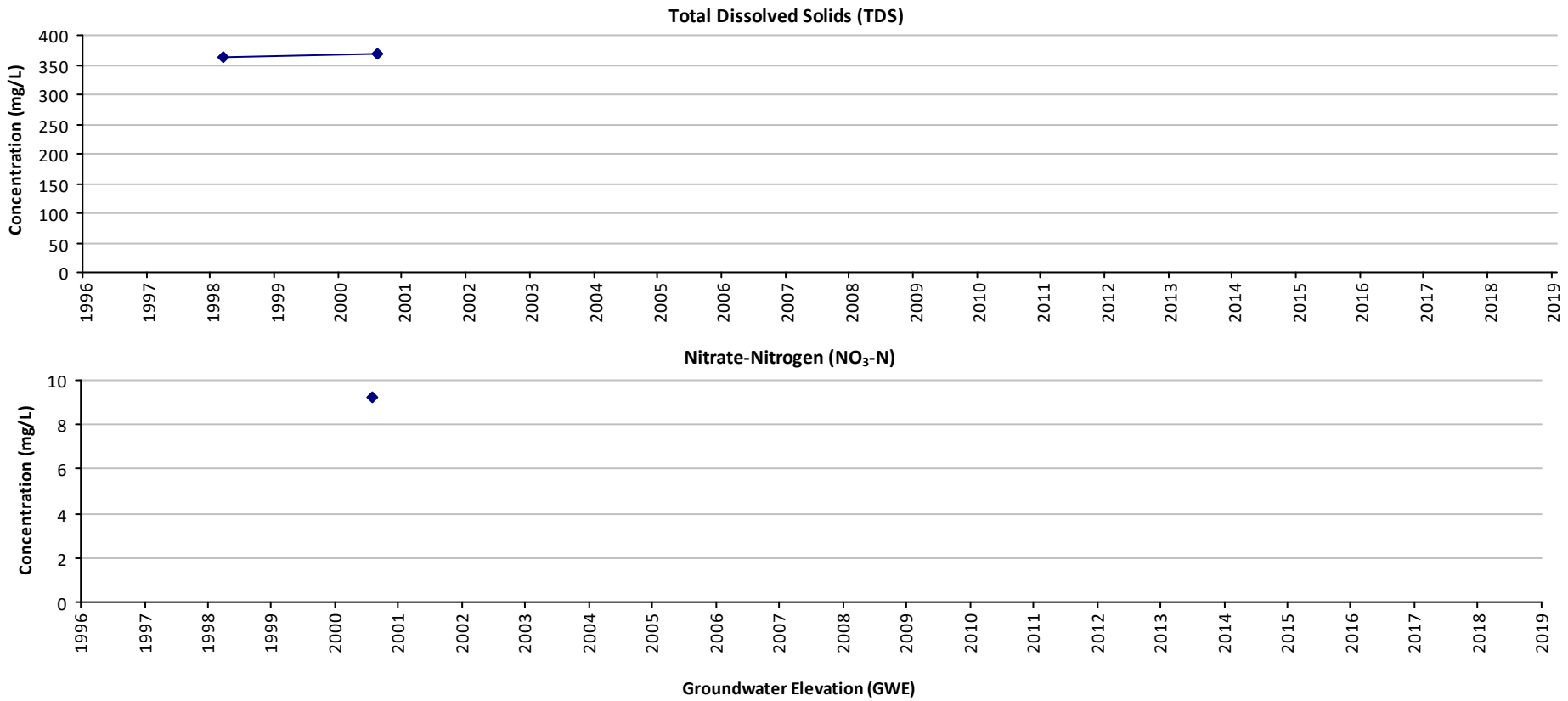
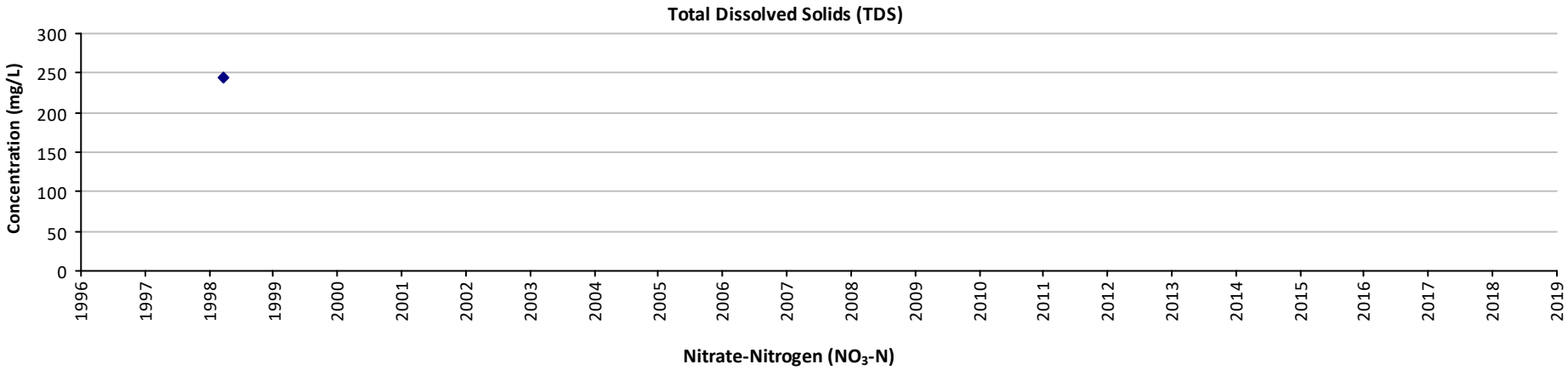
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2008
2009
2010
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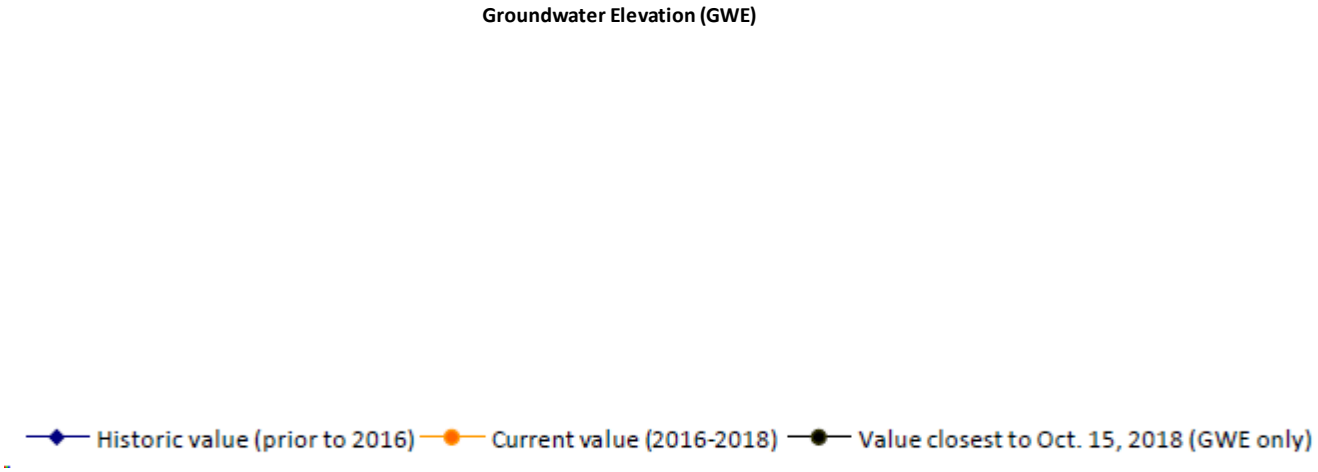
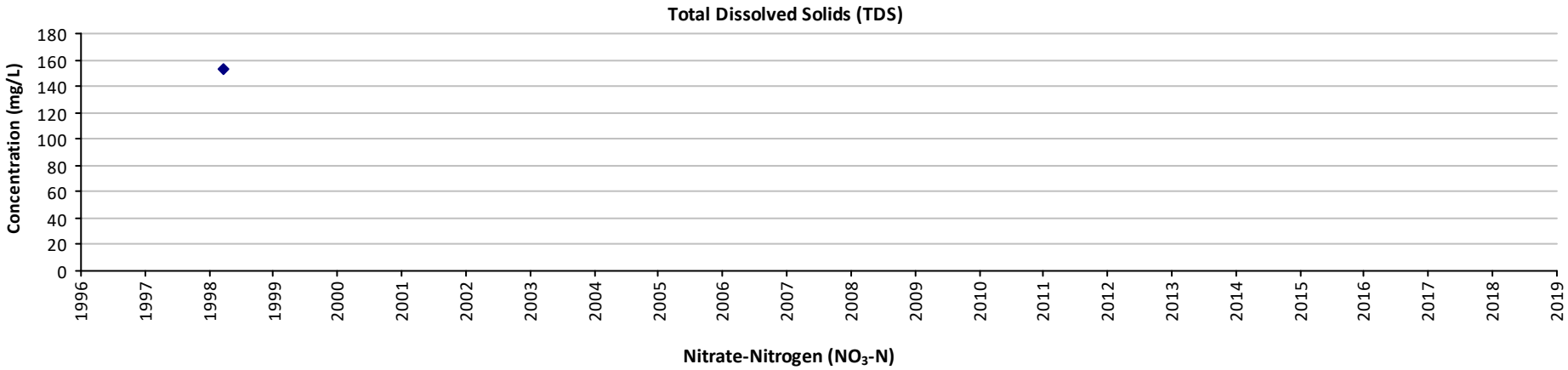
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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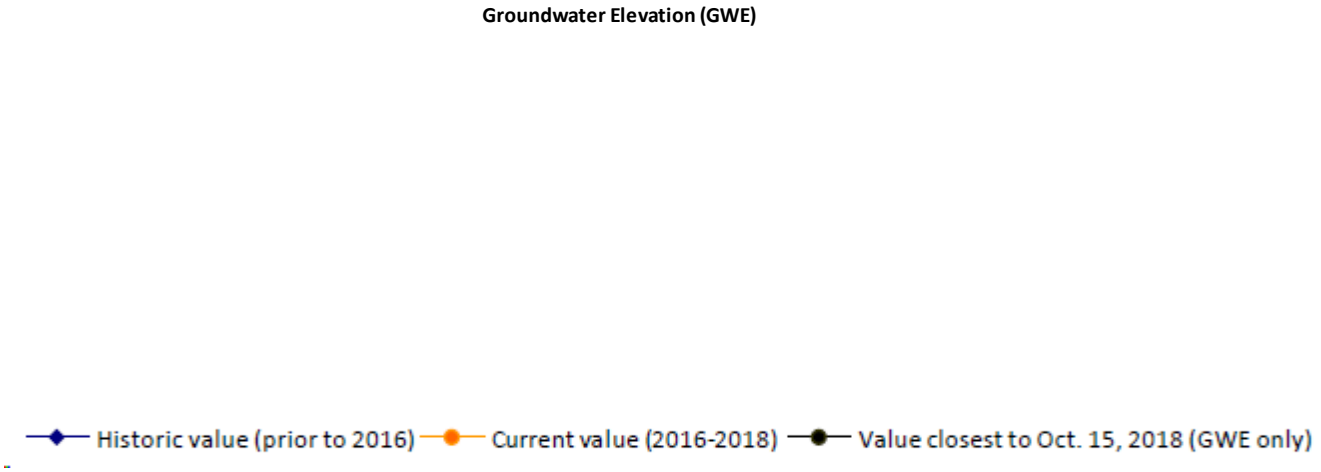
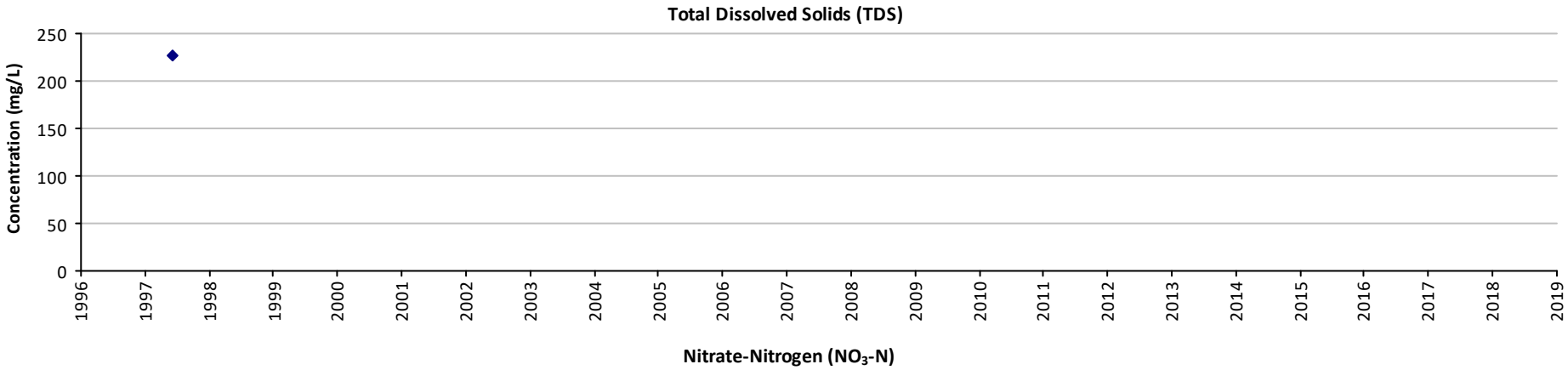
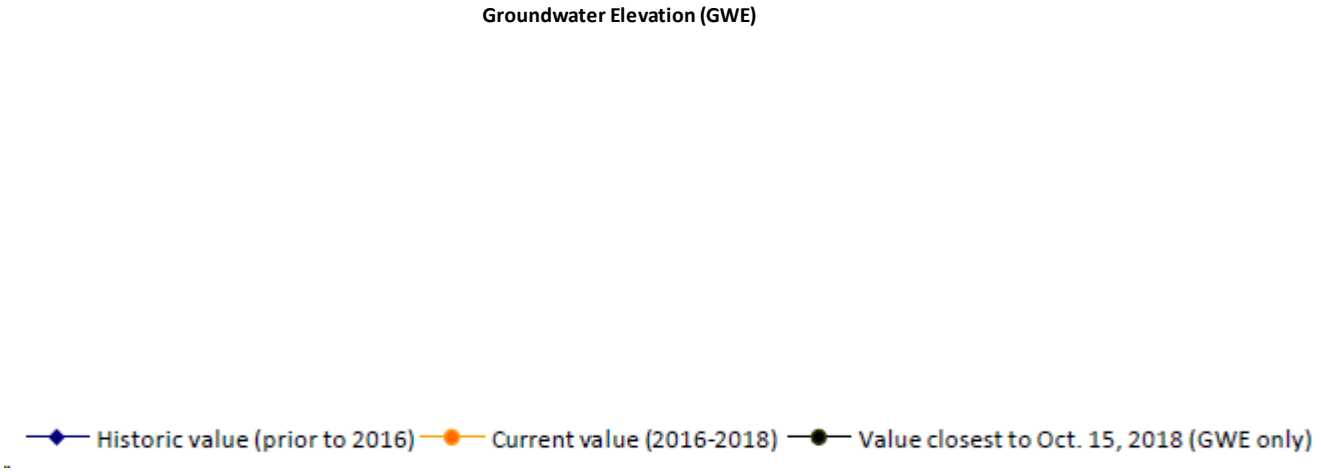
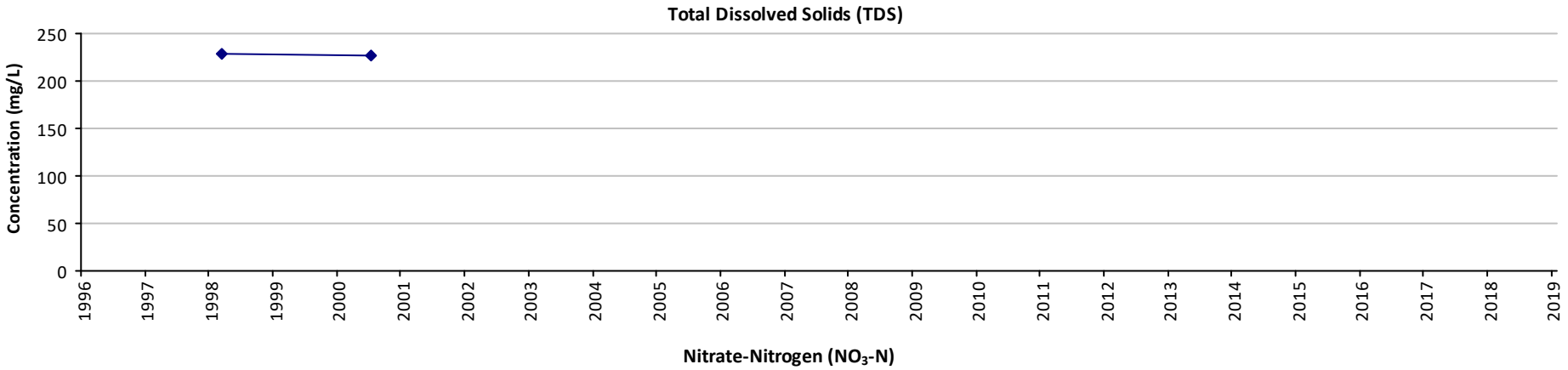
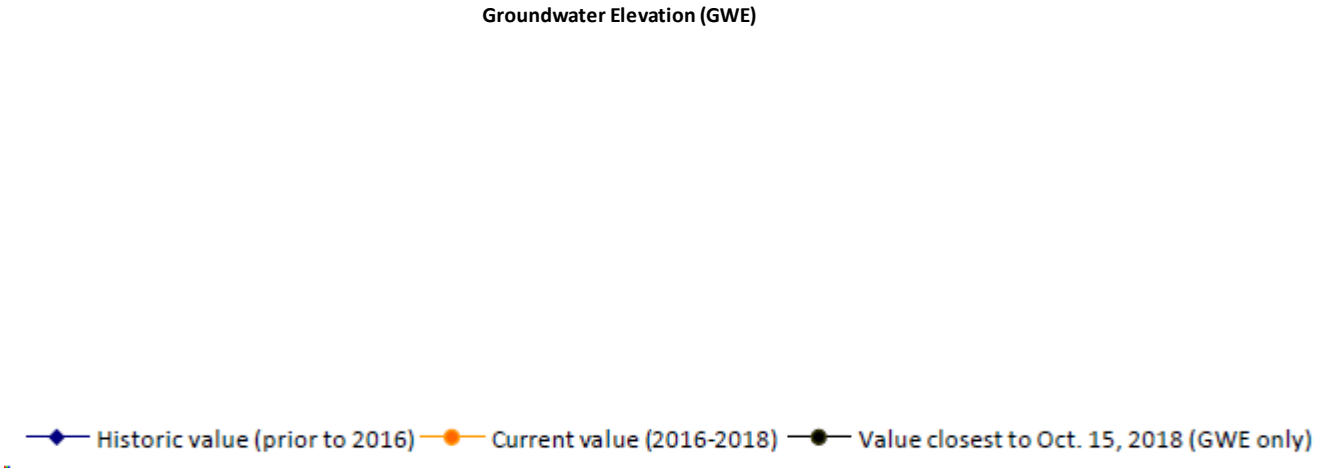
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

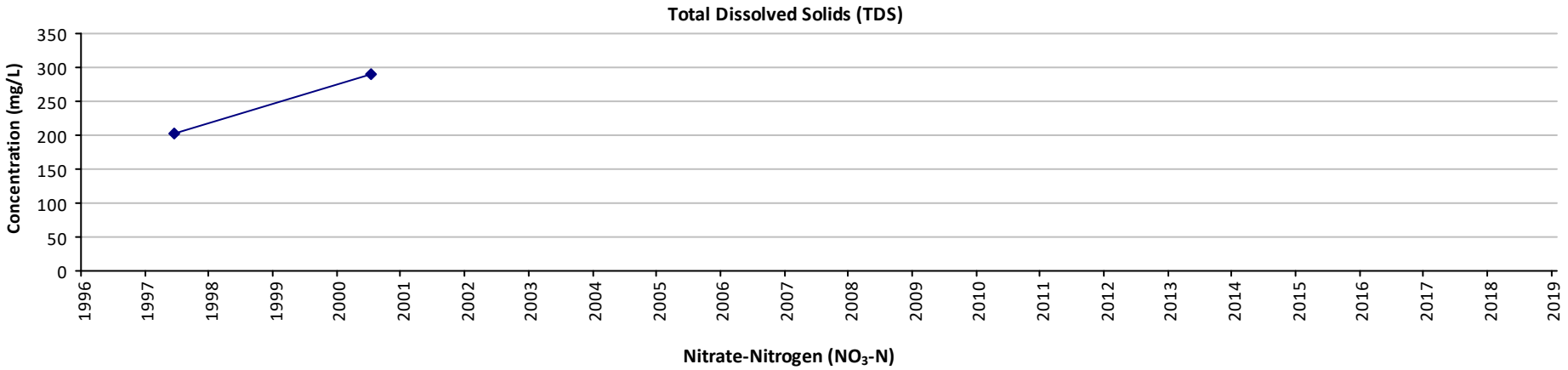

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

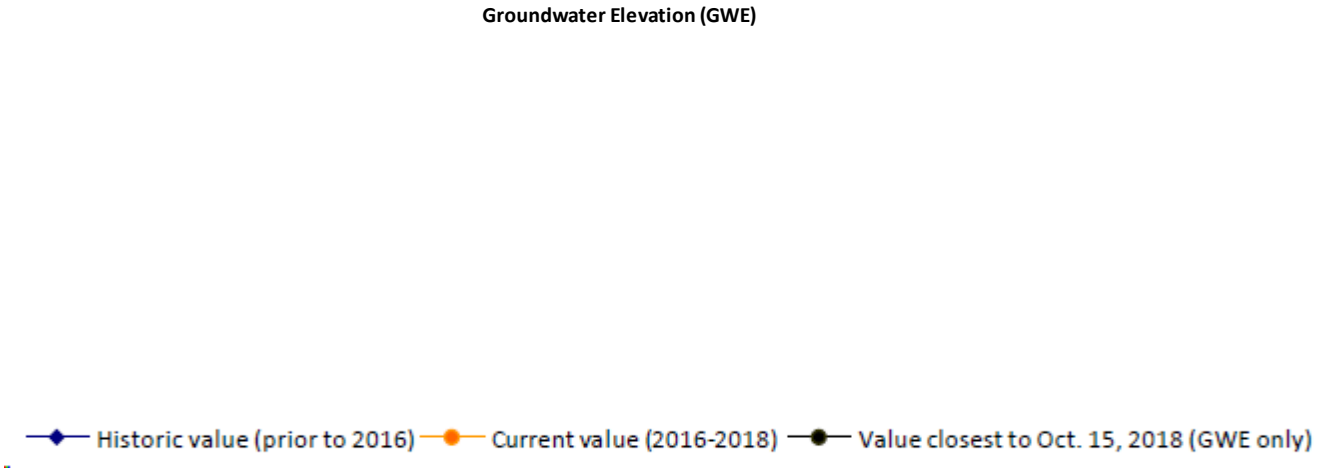

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

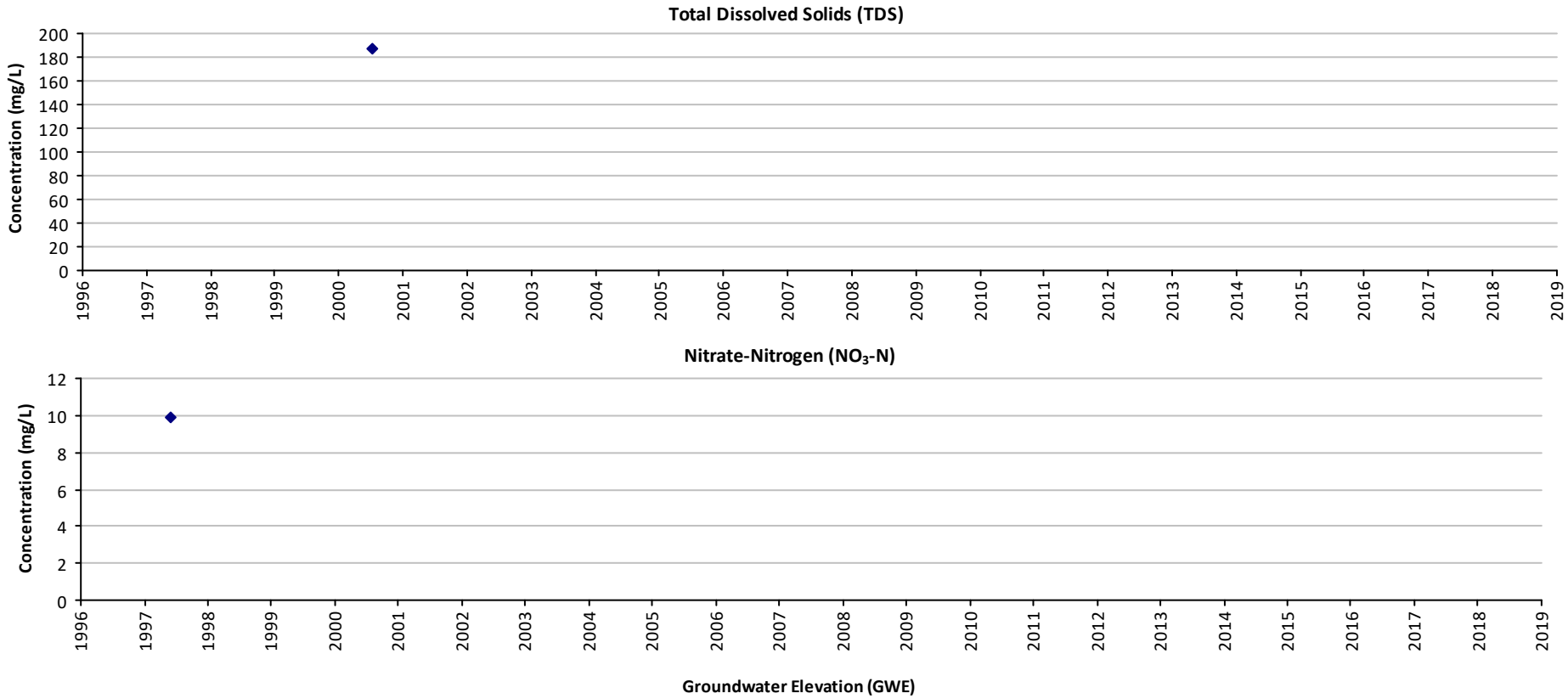

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

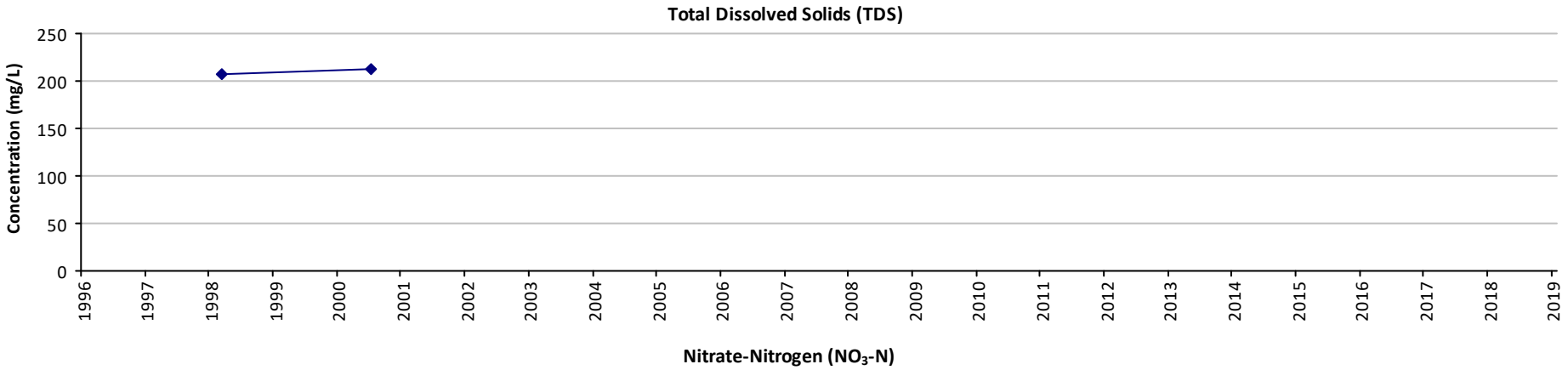

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

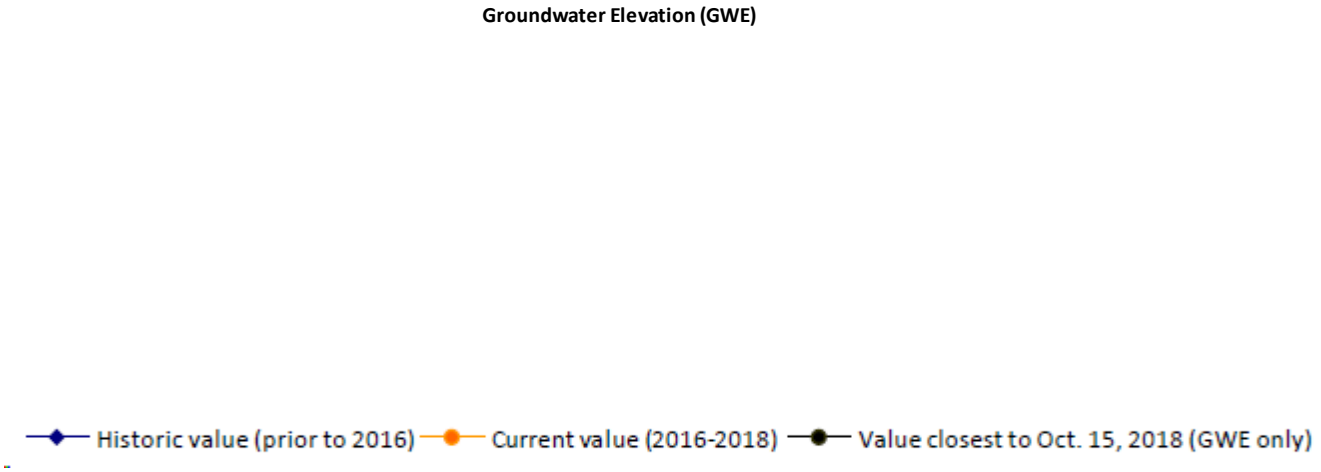

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

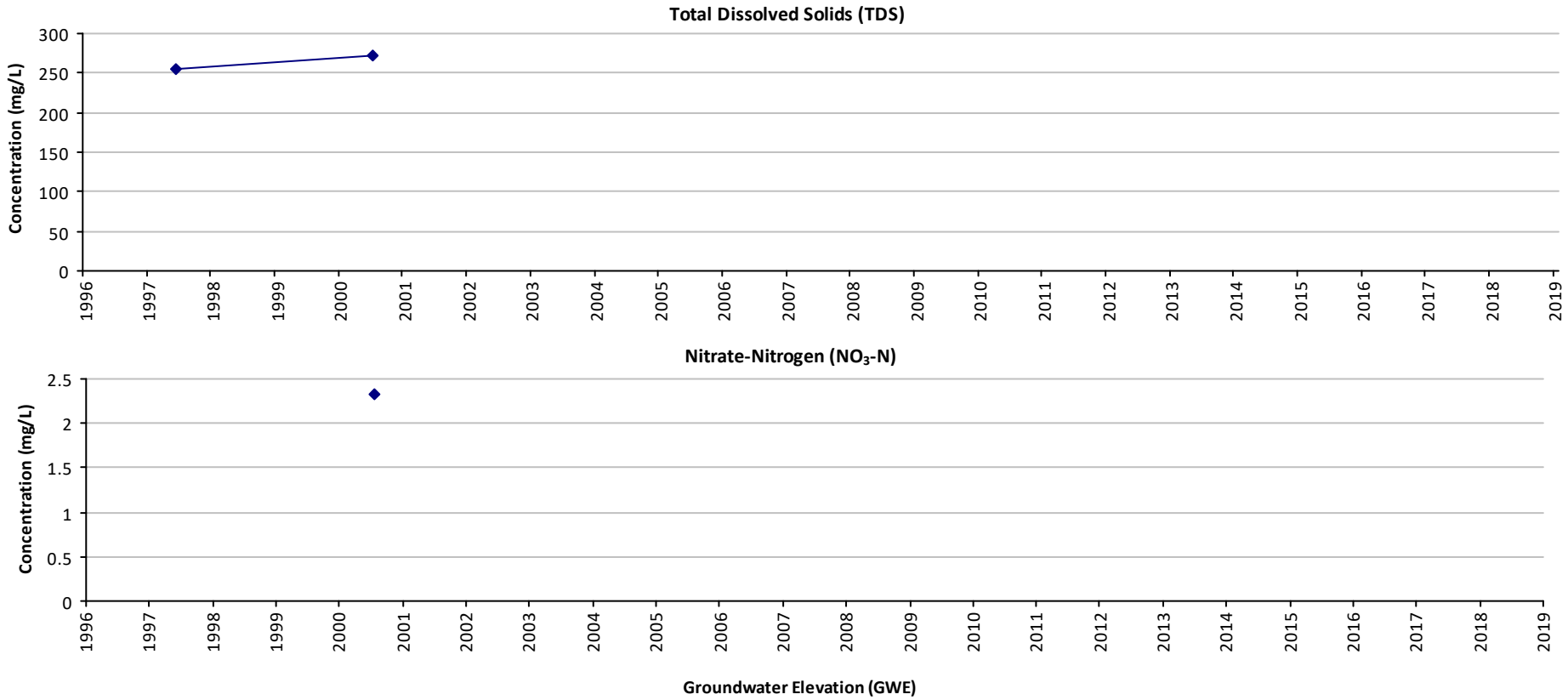

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

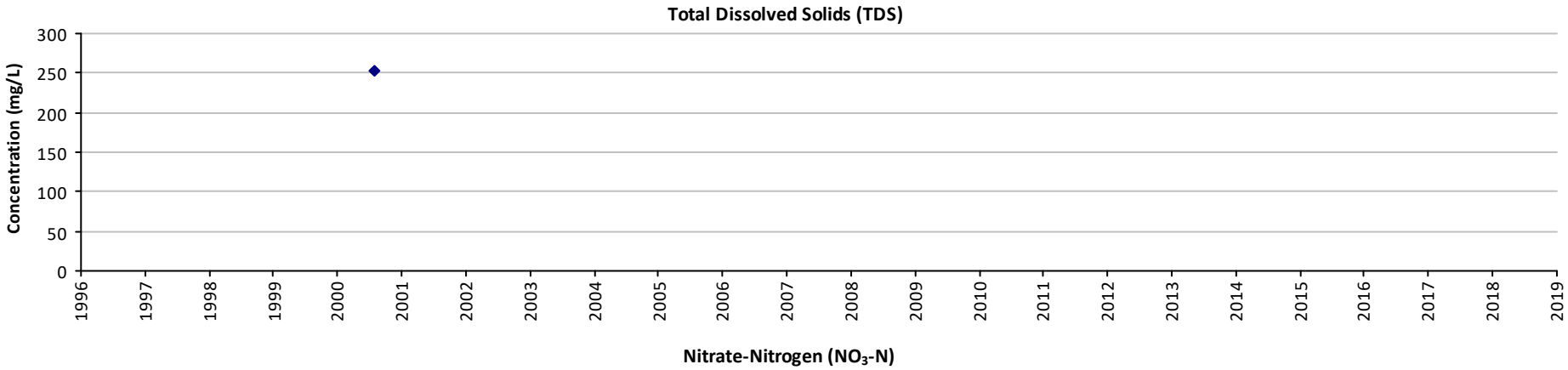

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

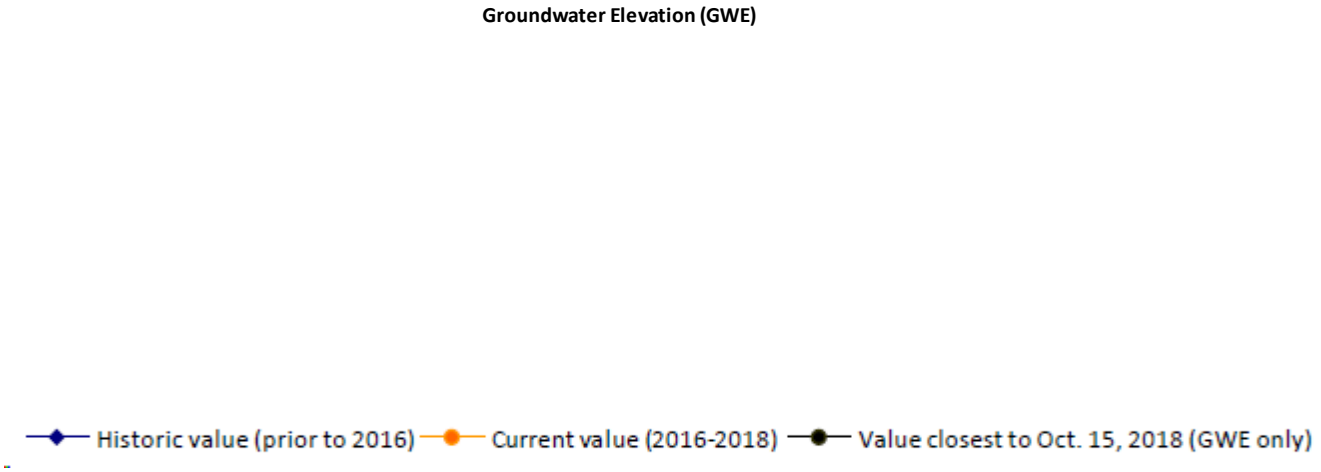

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

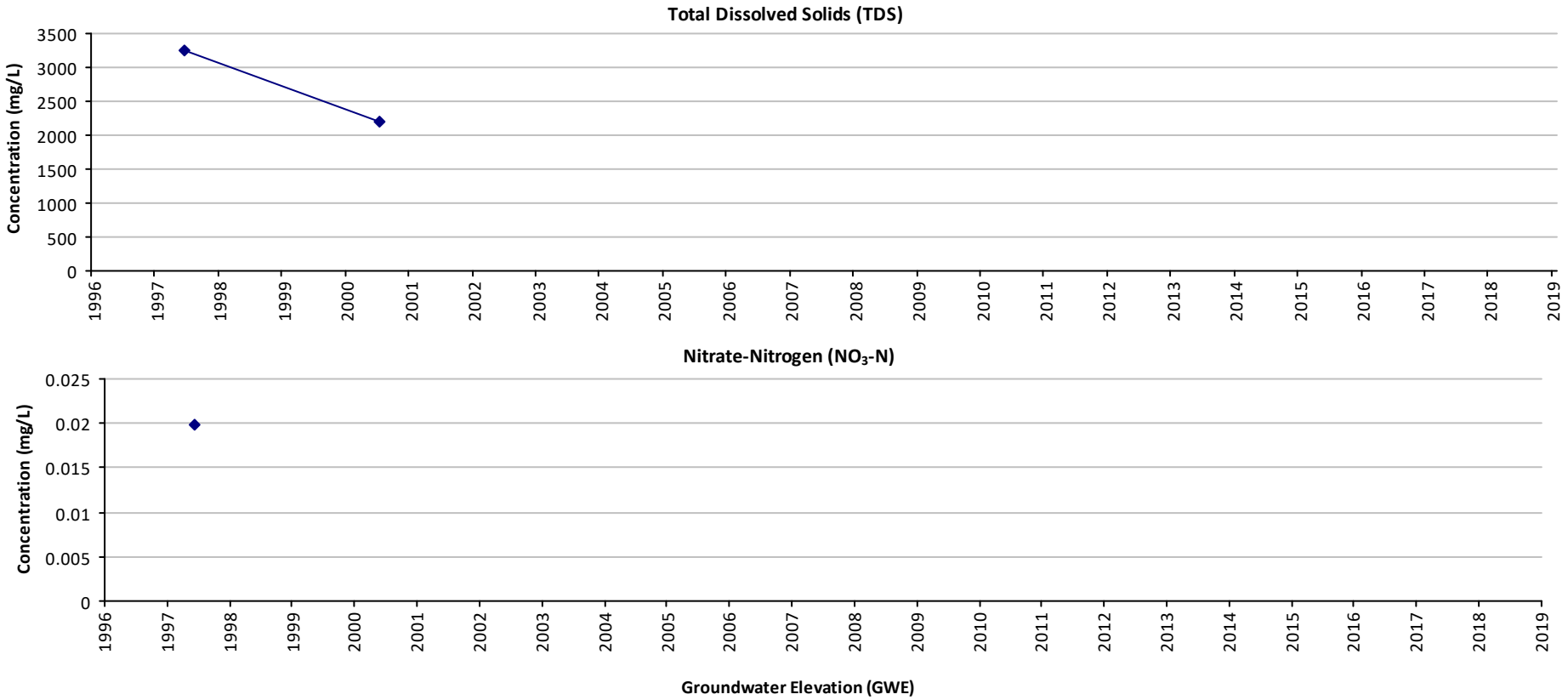

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

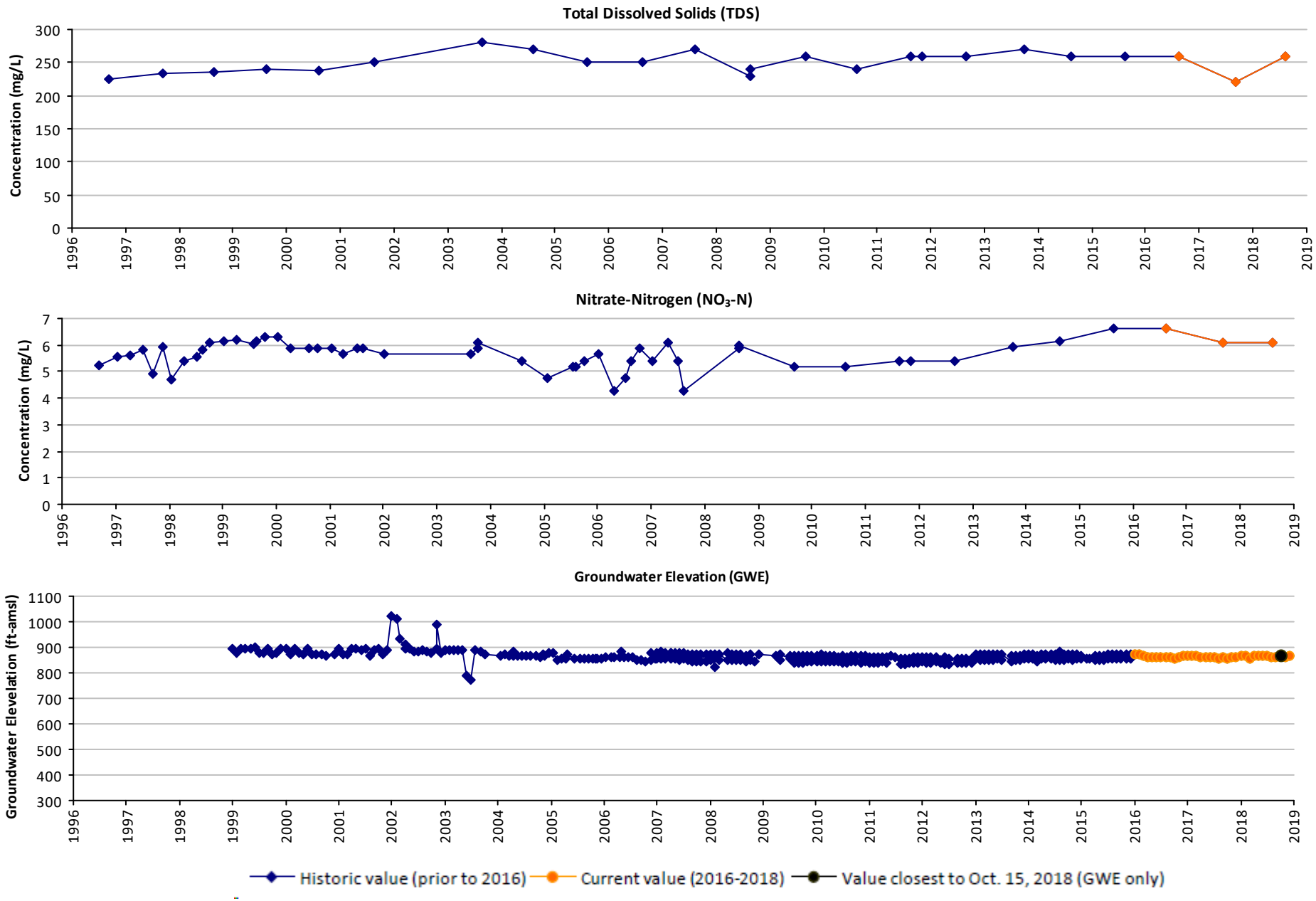

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

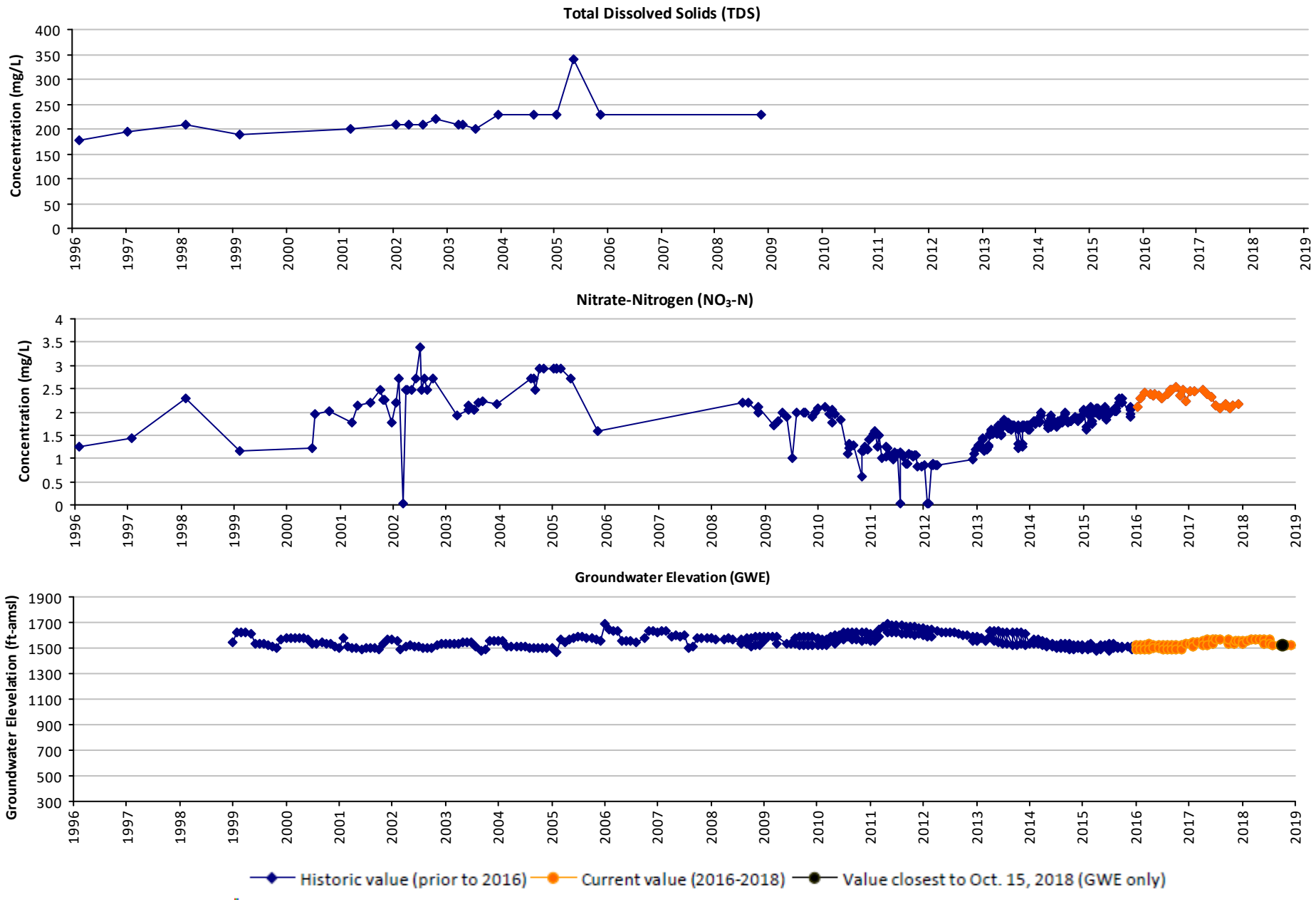

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

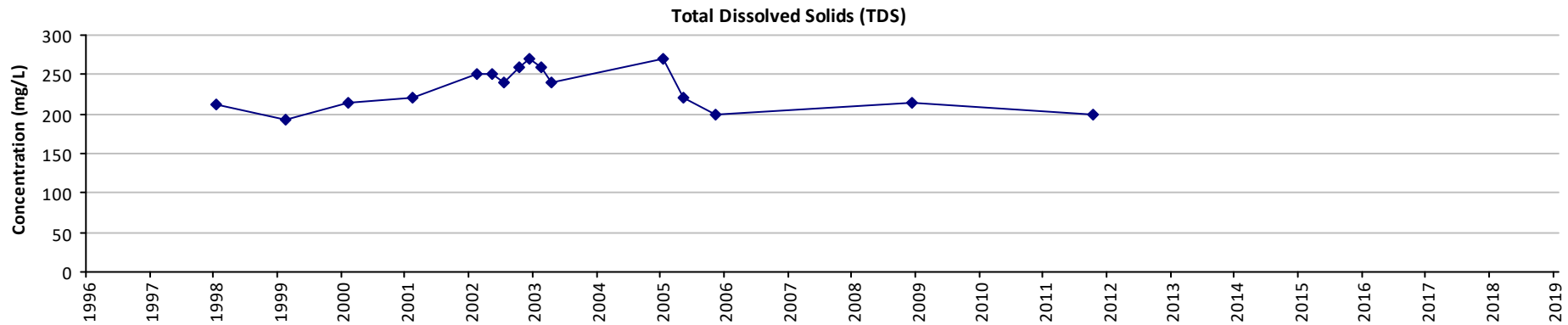

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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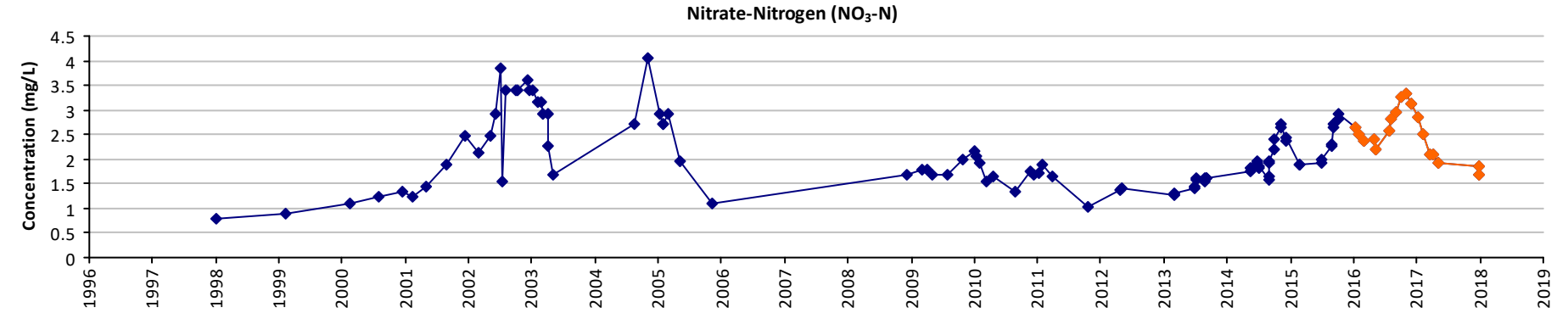
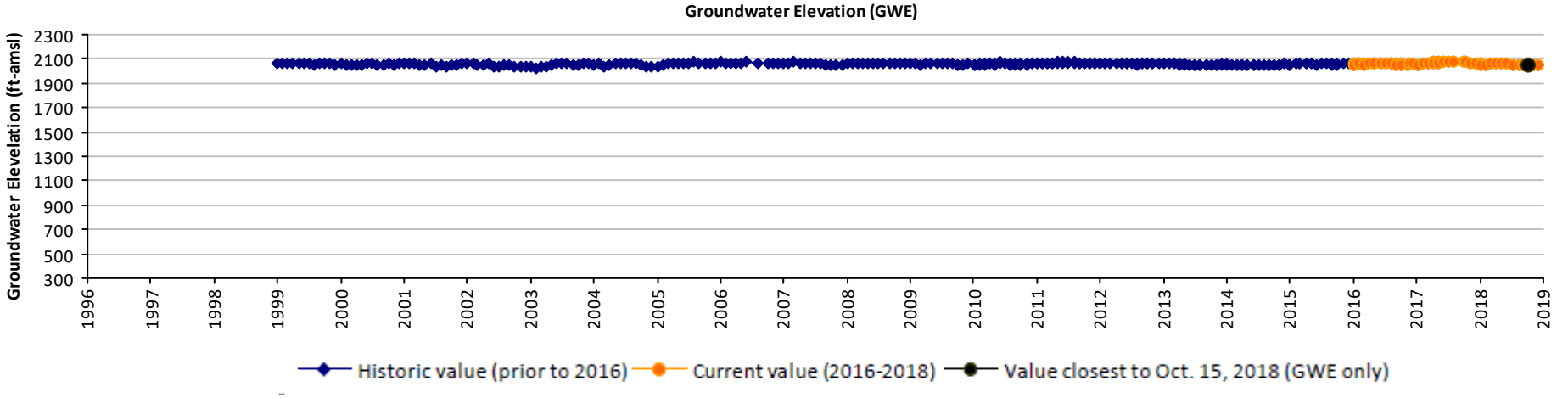
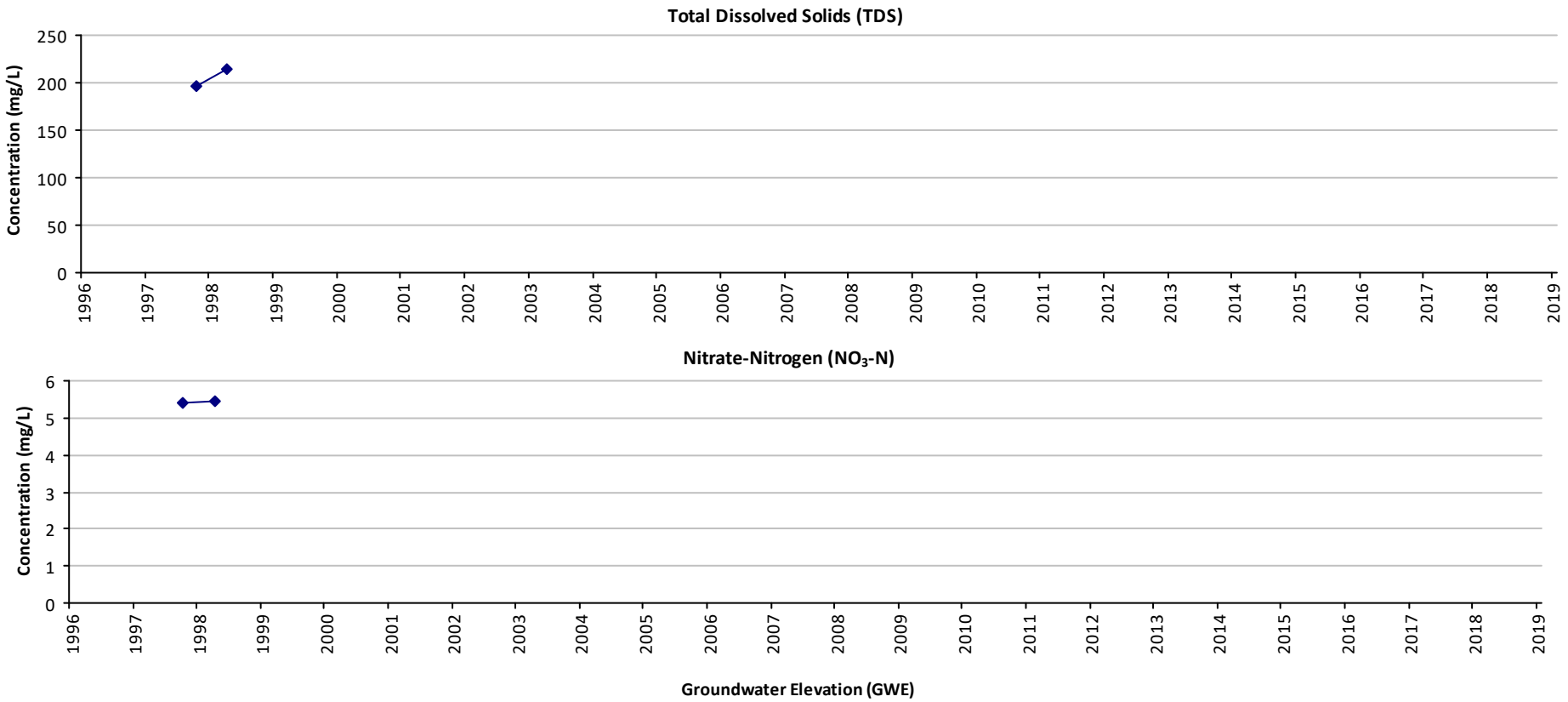
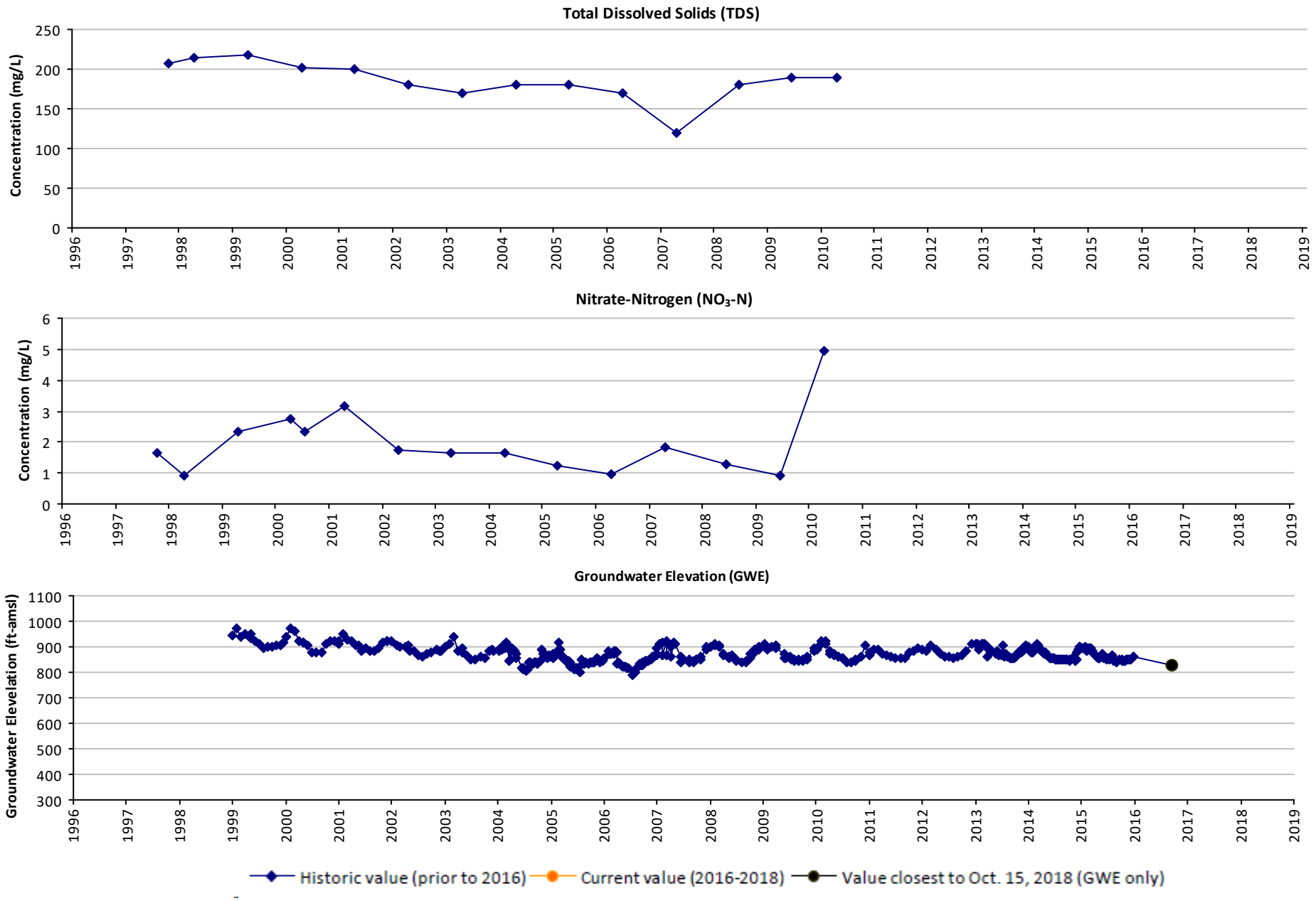
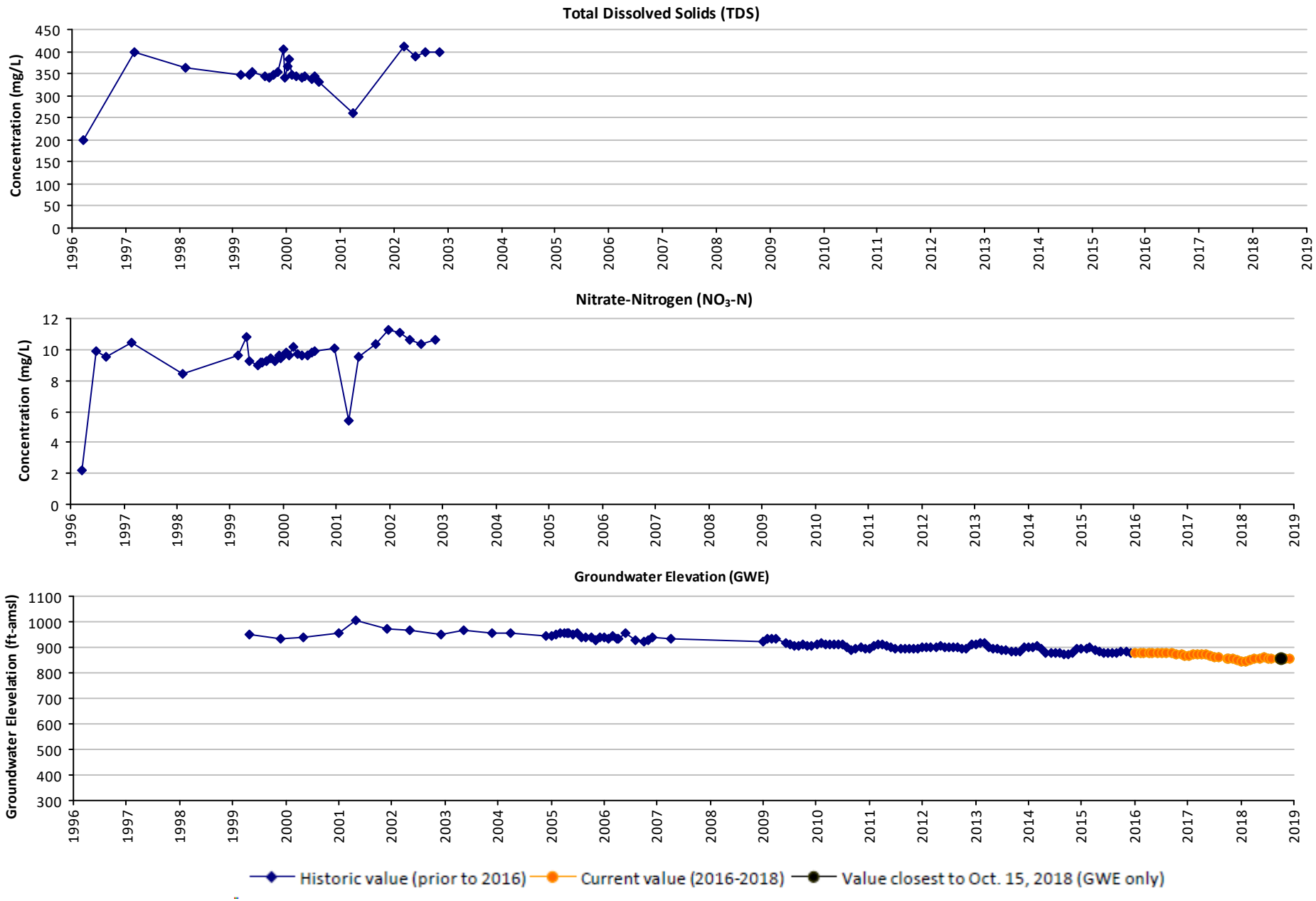
2017
2018
2019

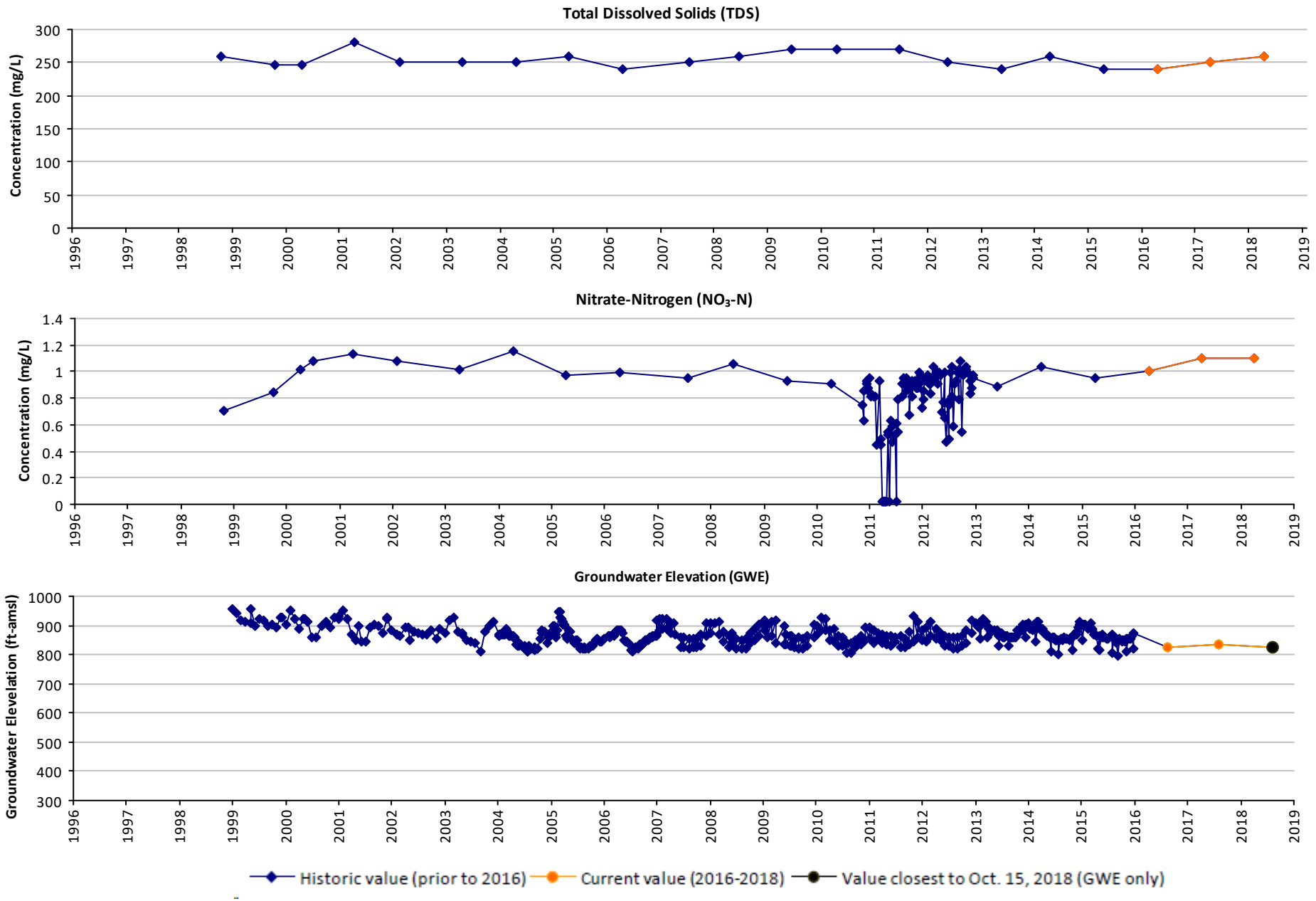

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

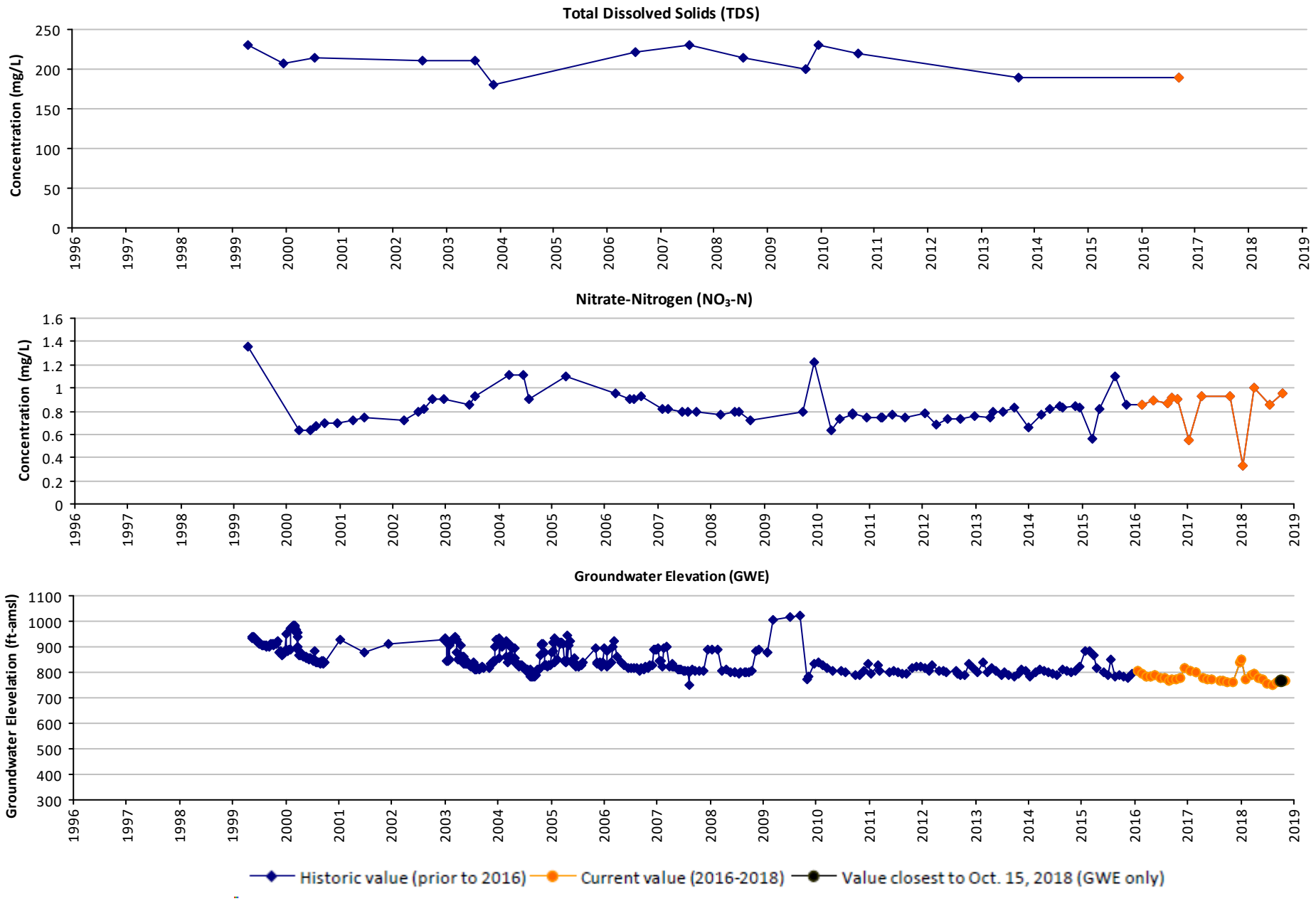

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
500
700
900
1100
1300
1500
1700
1900
2100
2300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

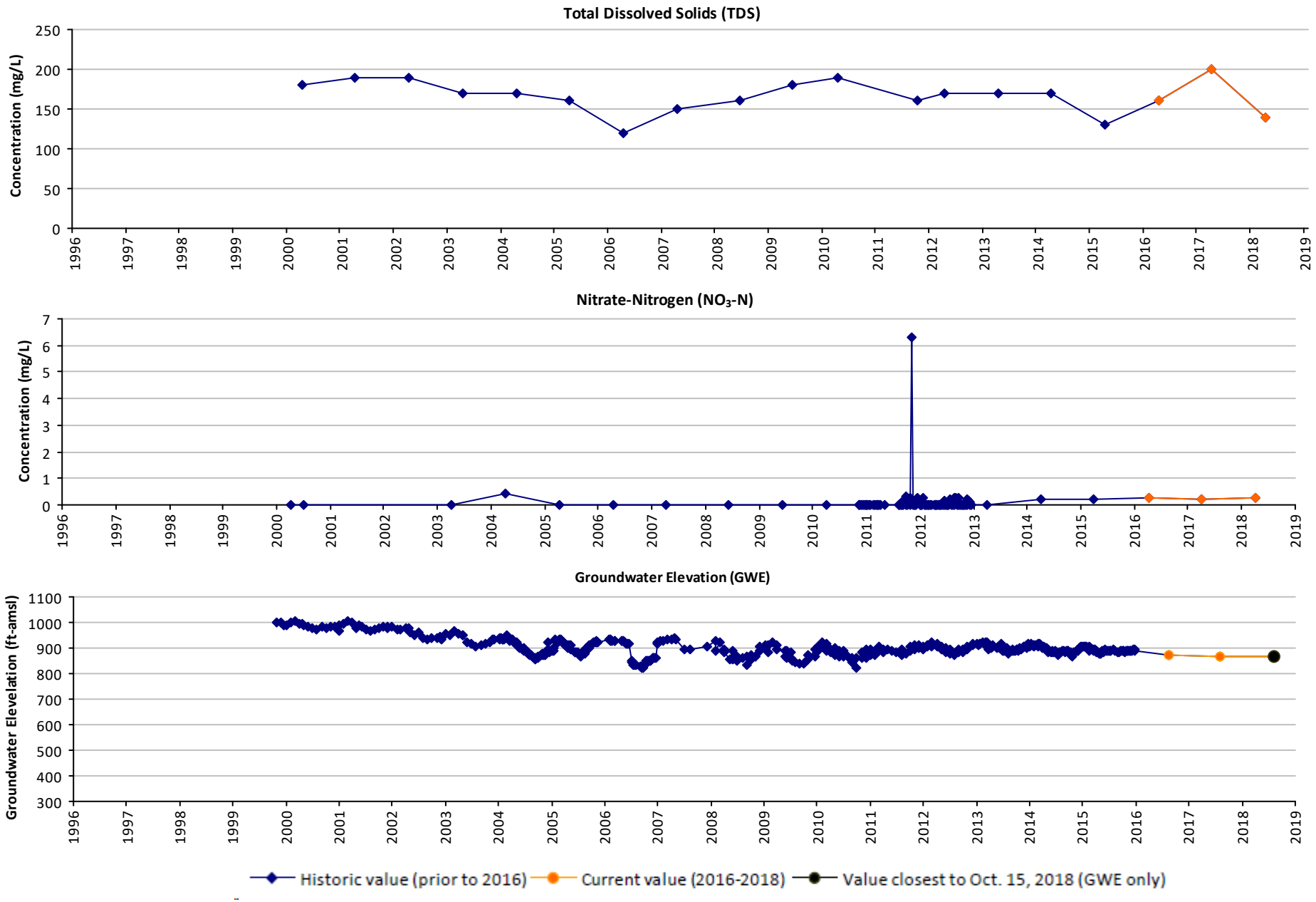

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

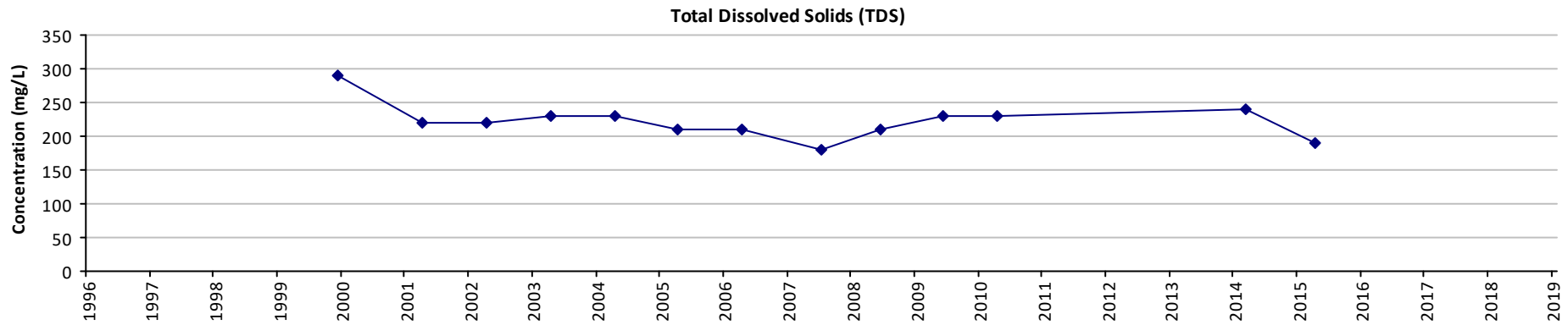

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

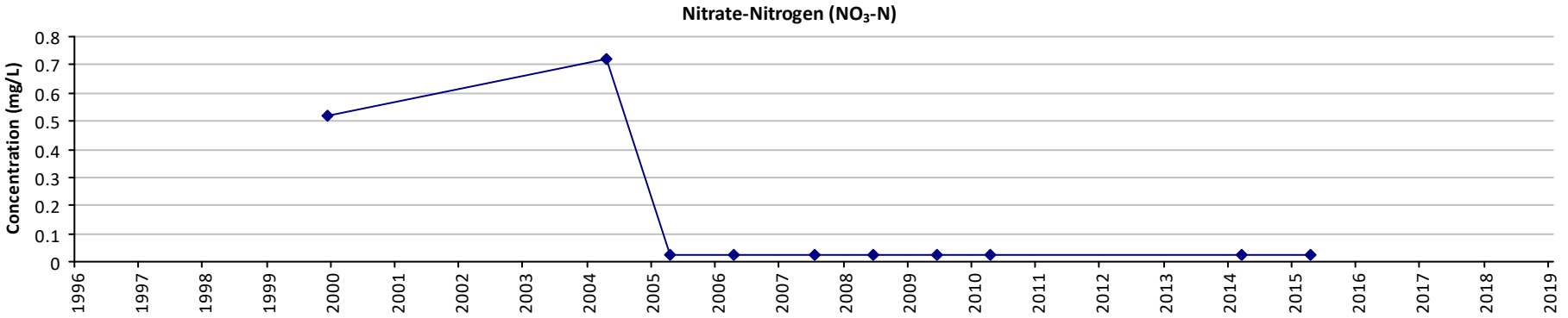

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
1996
1997
1998
1999
2000
2001
2002
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2004
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2007
2008
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2010
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2012
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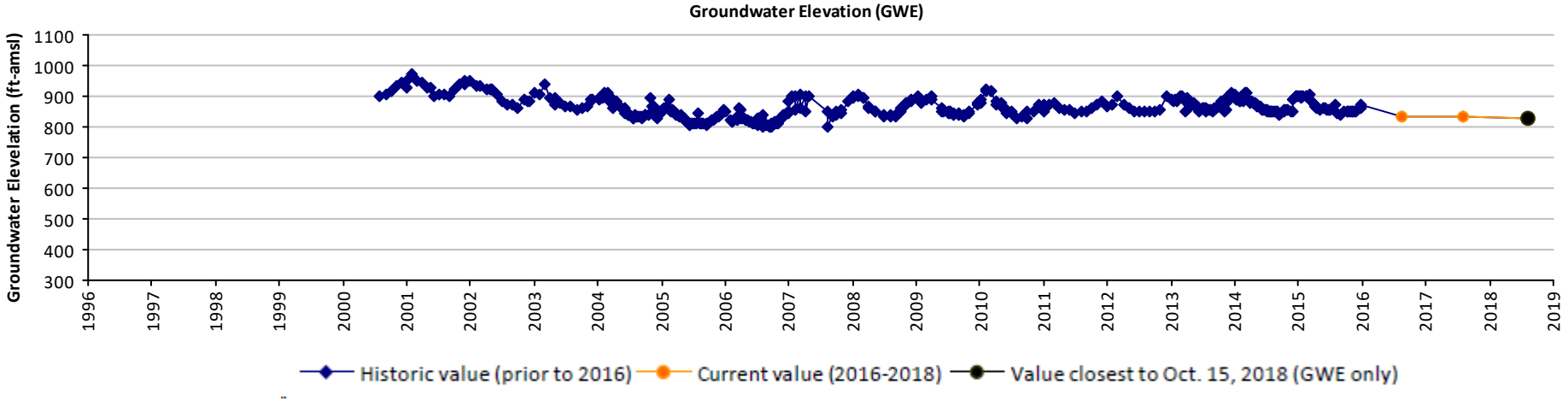
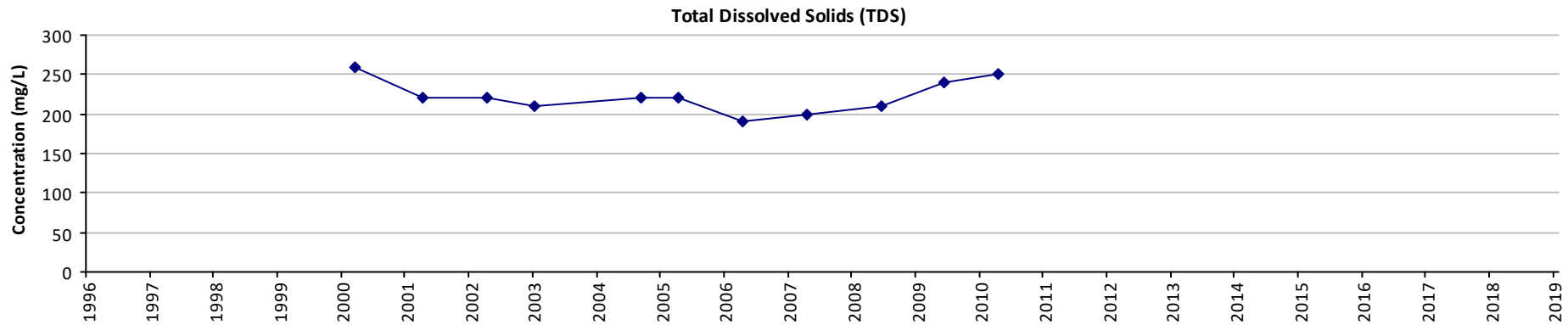
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2009
2010
2011
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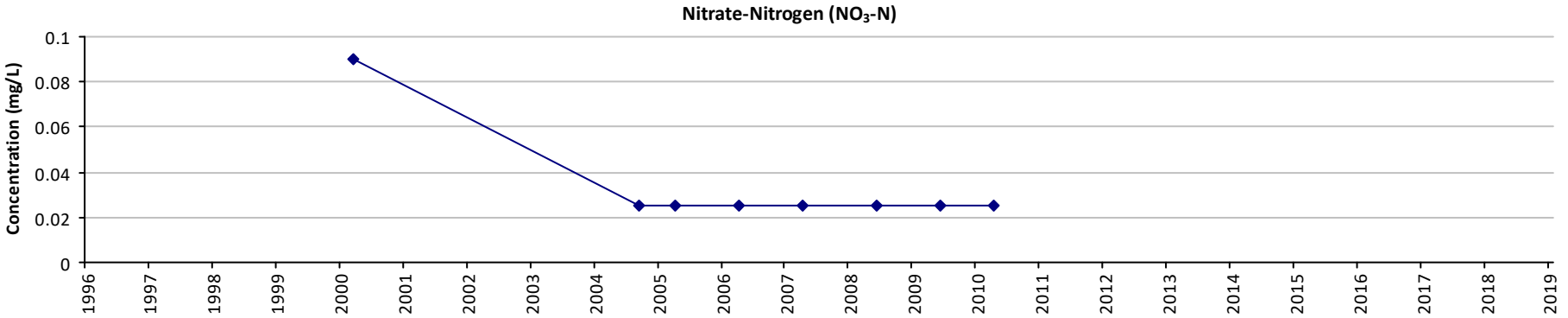
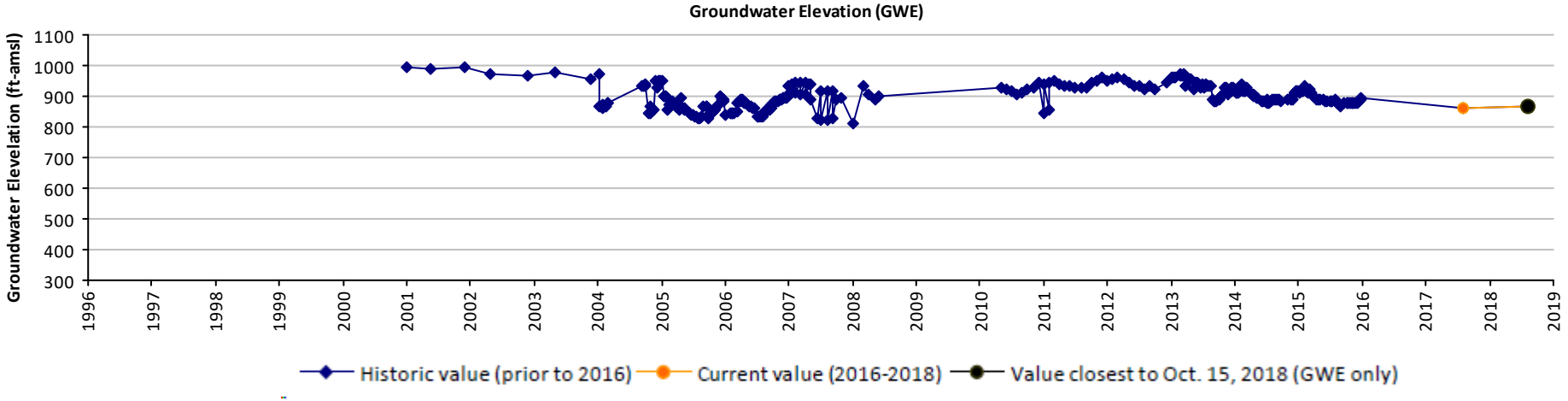
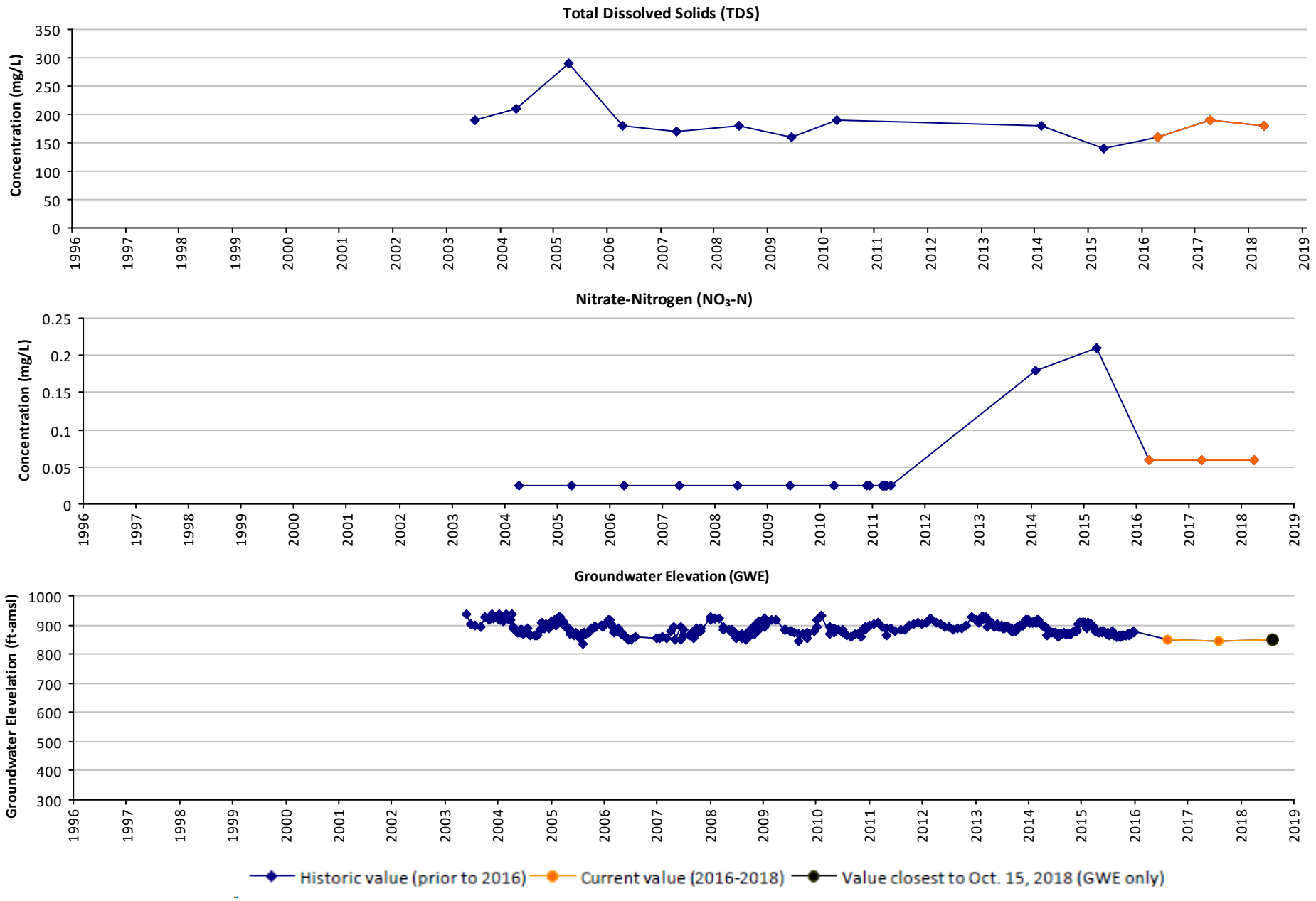
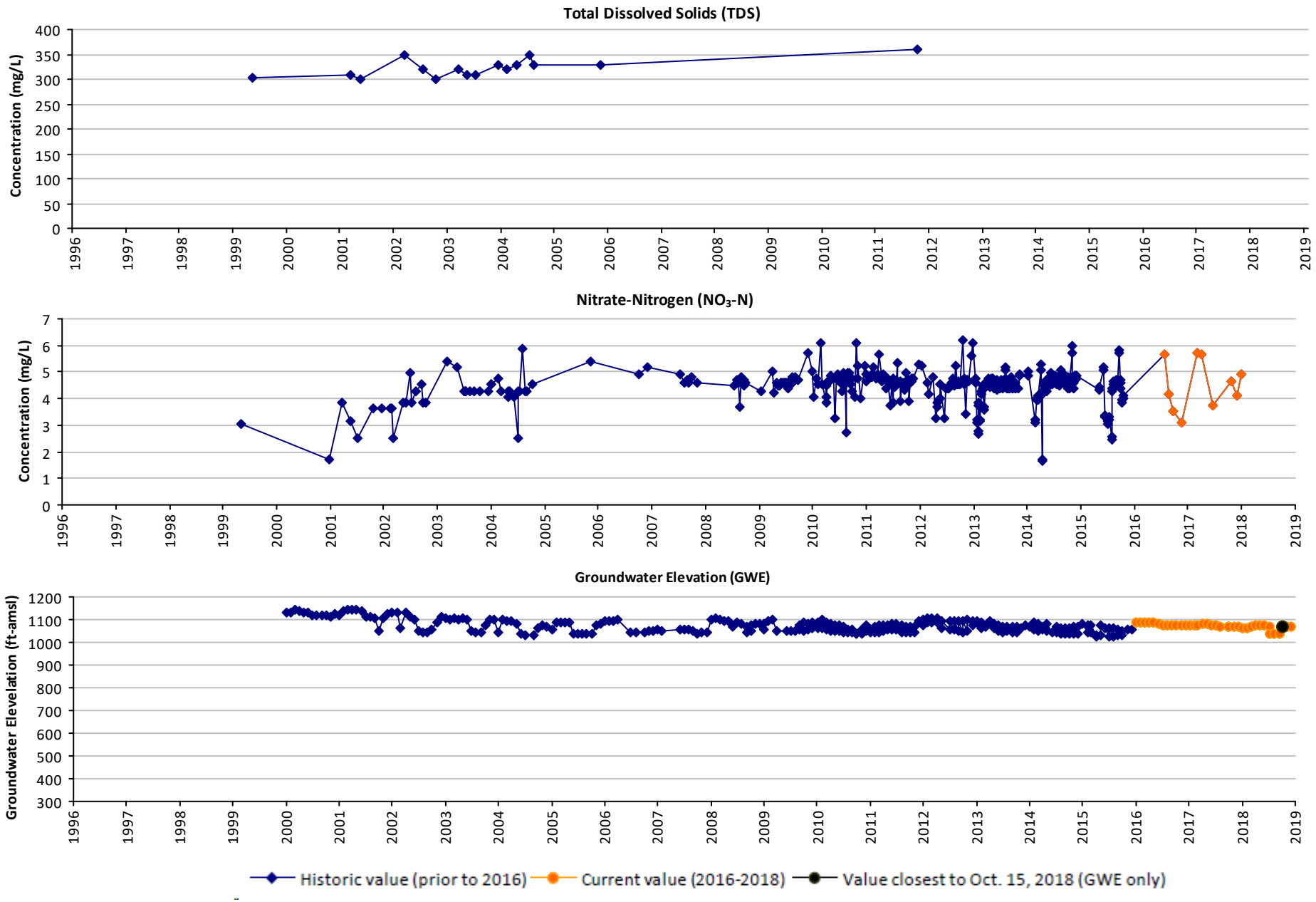
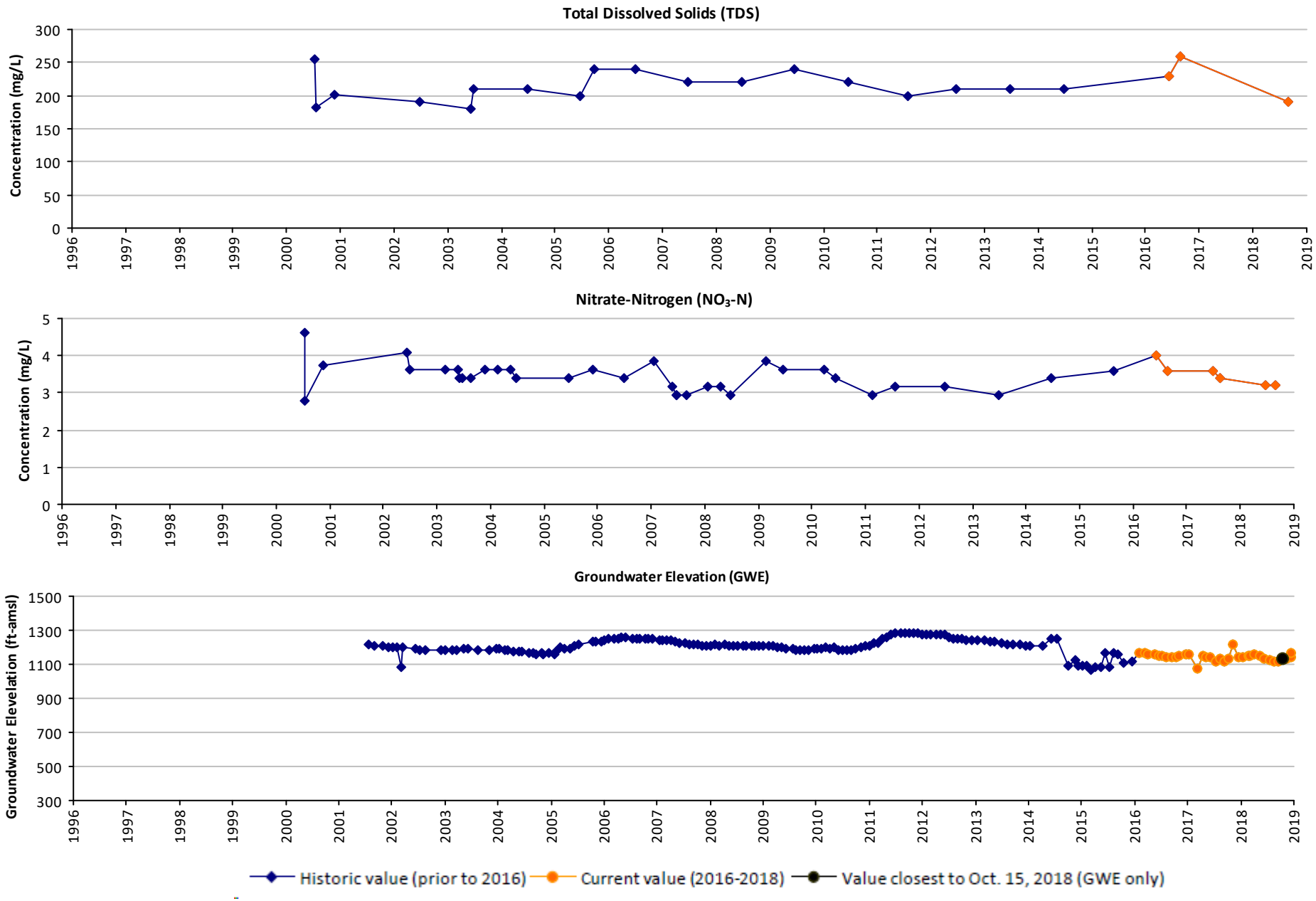
2014
2015
2016
2017
2018
2019

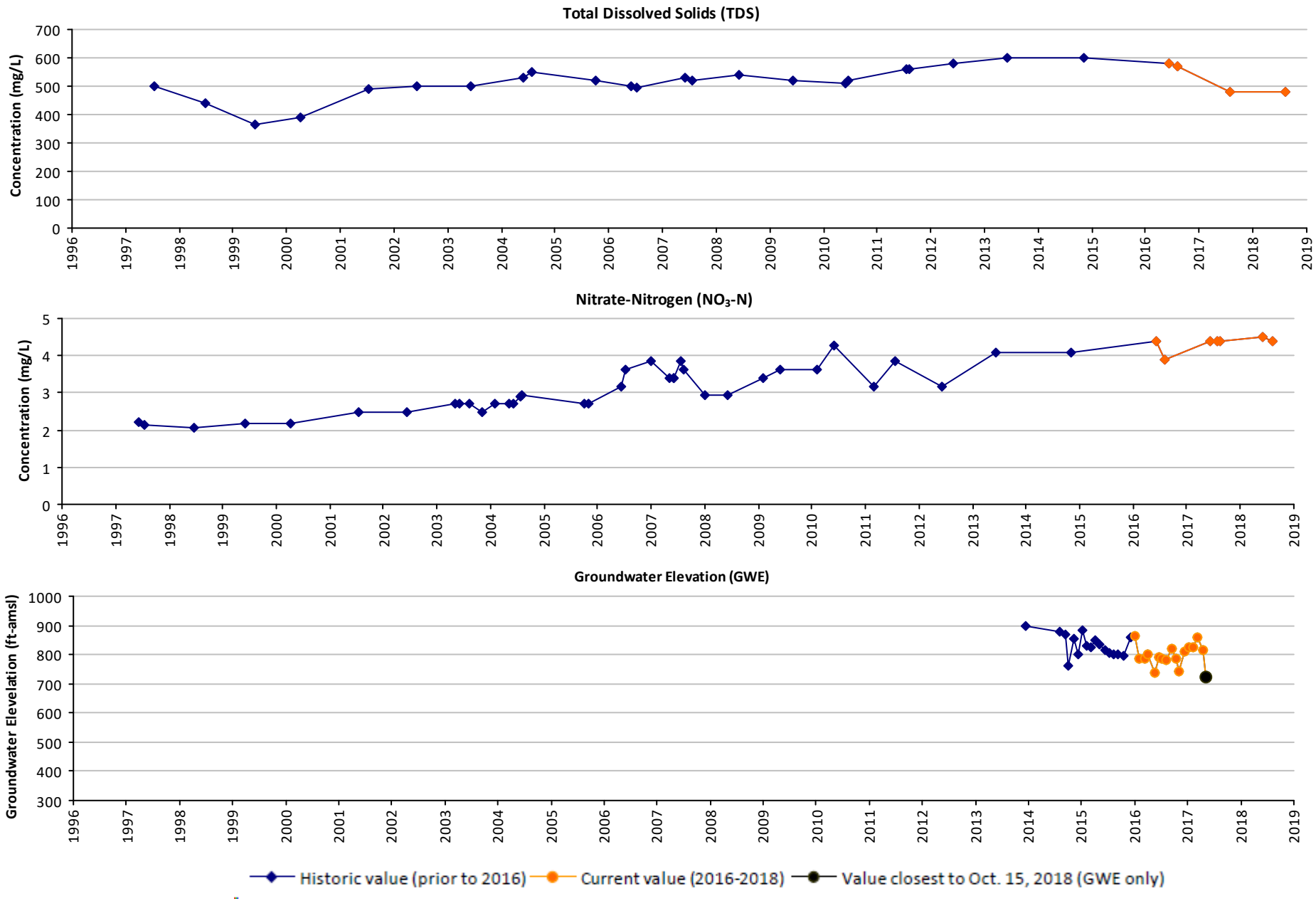

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

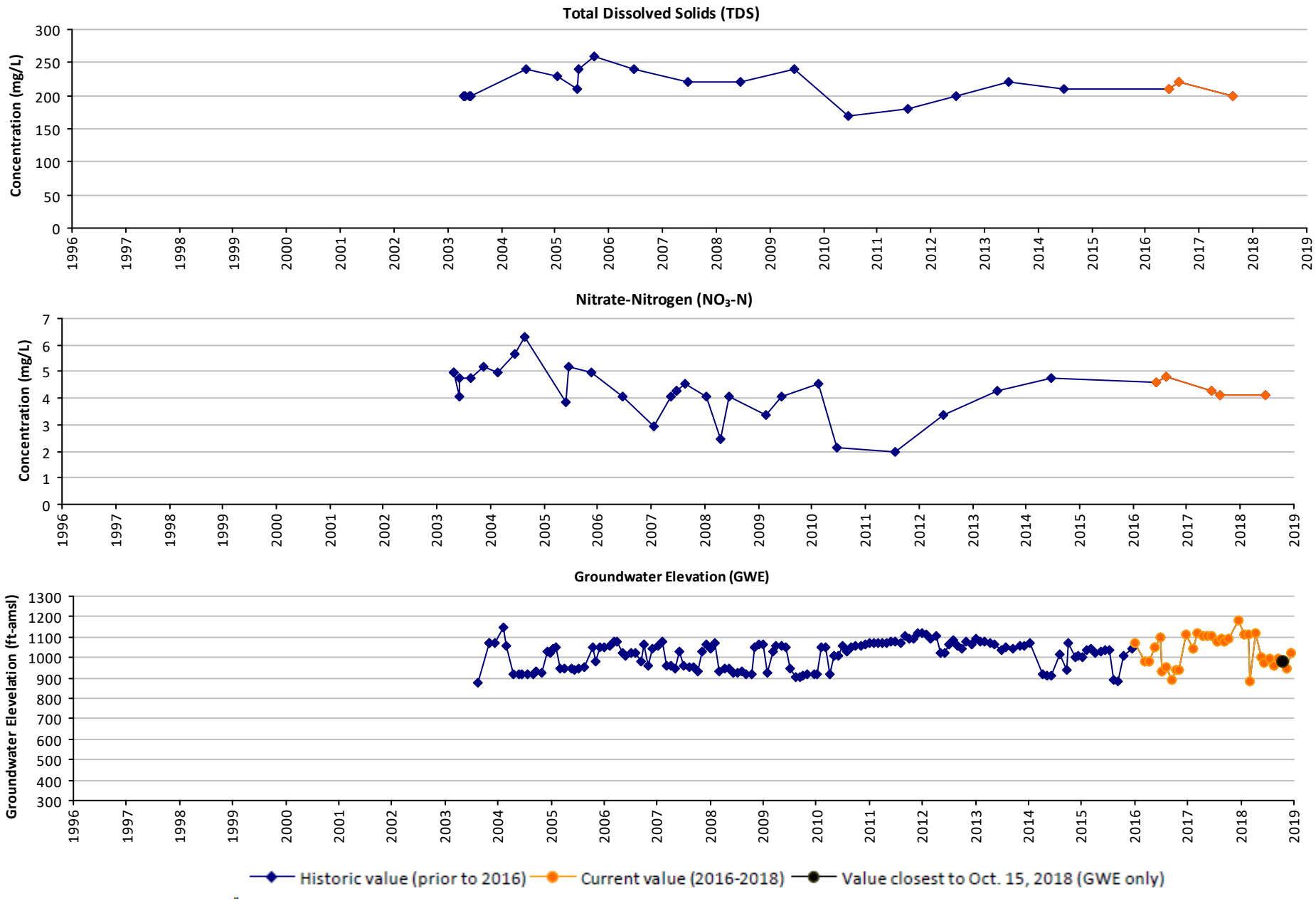

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

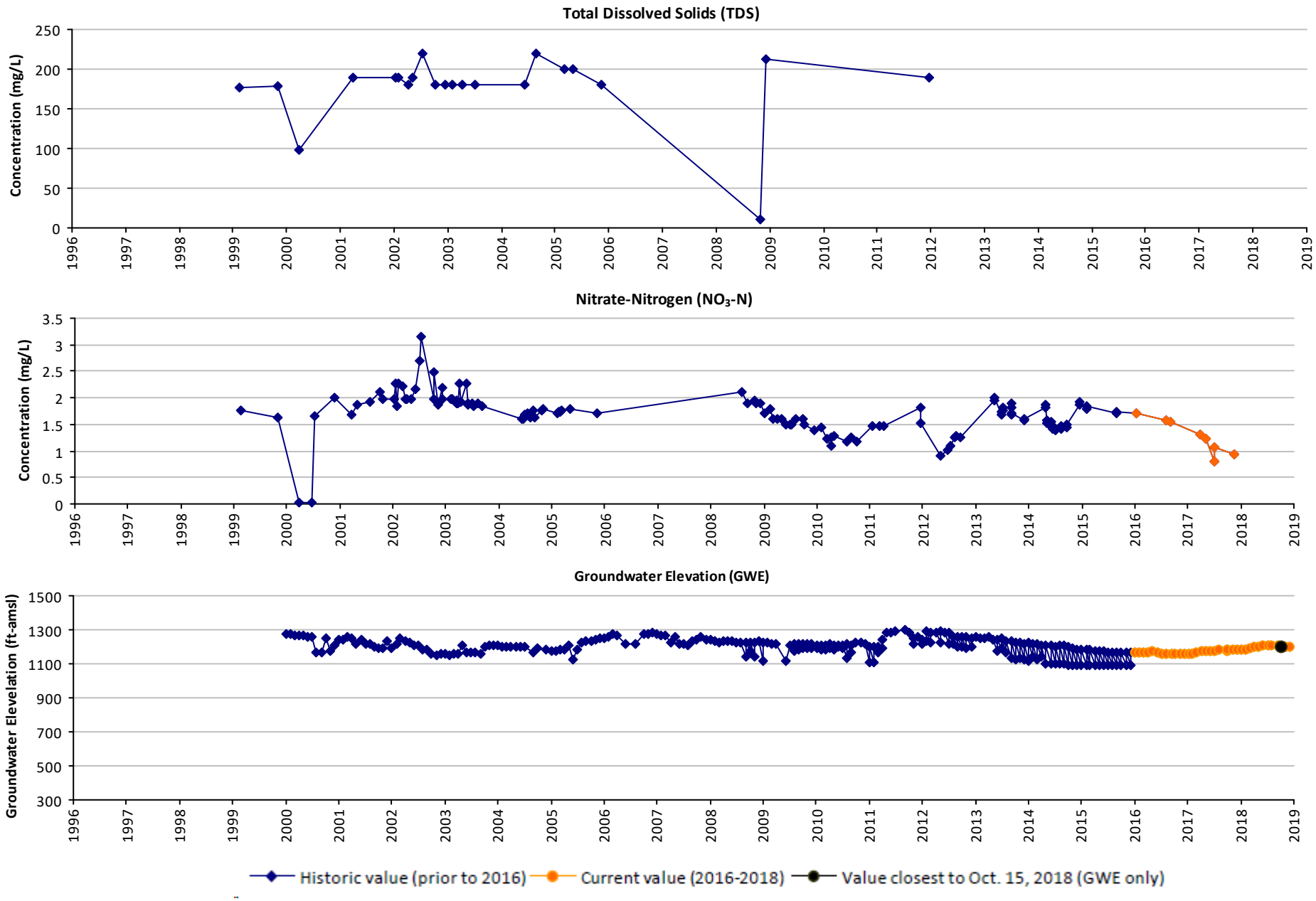

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

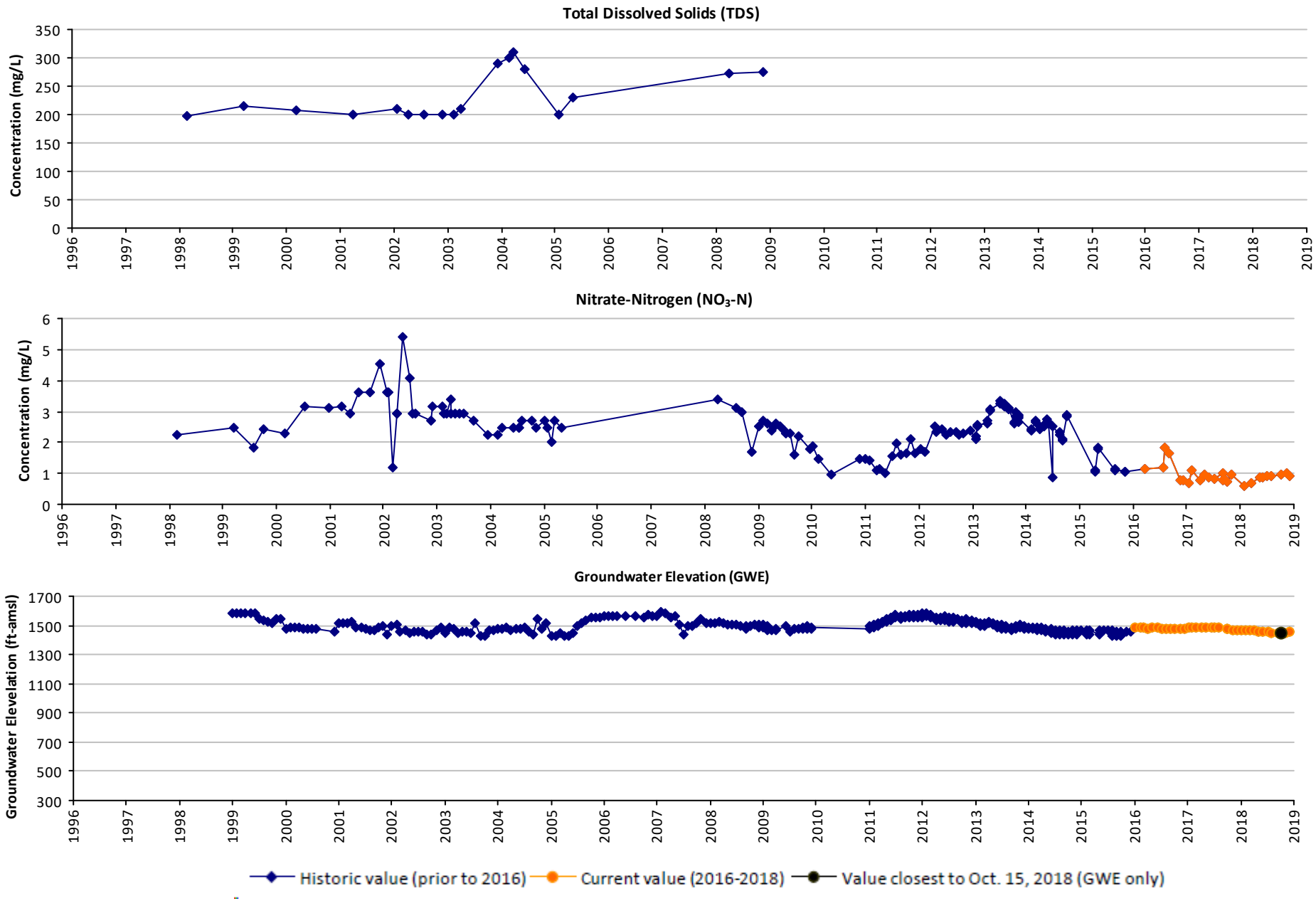

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

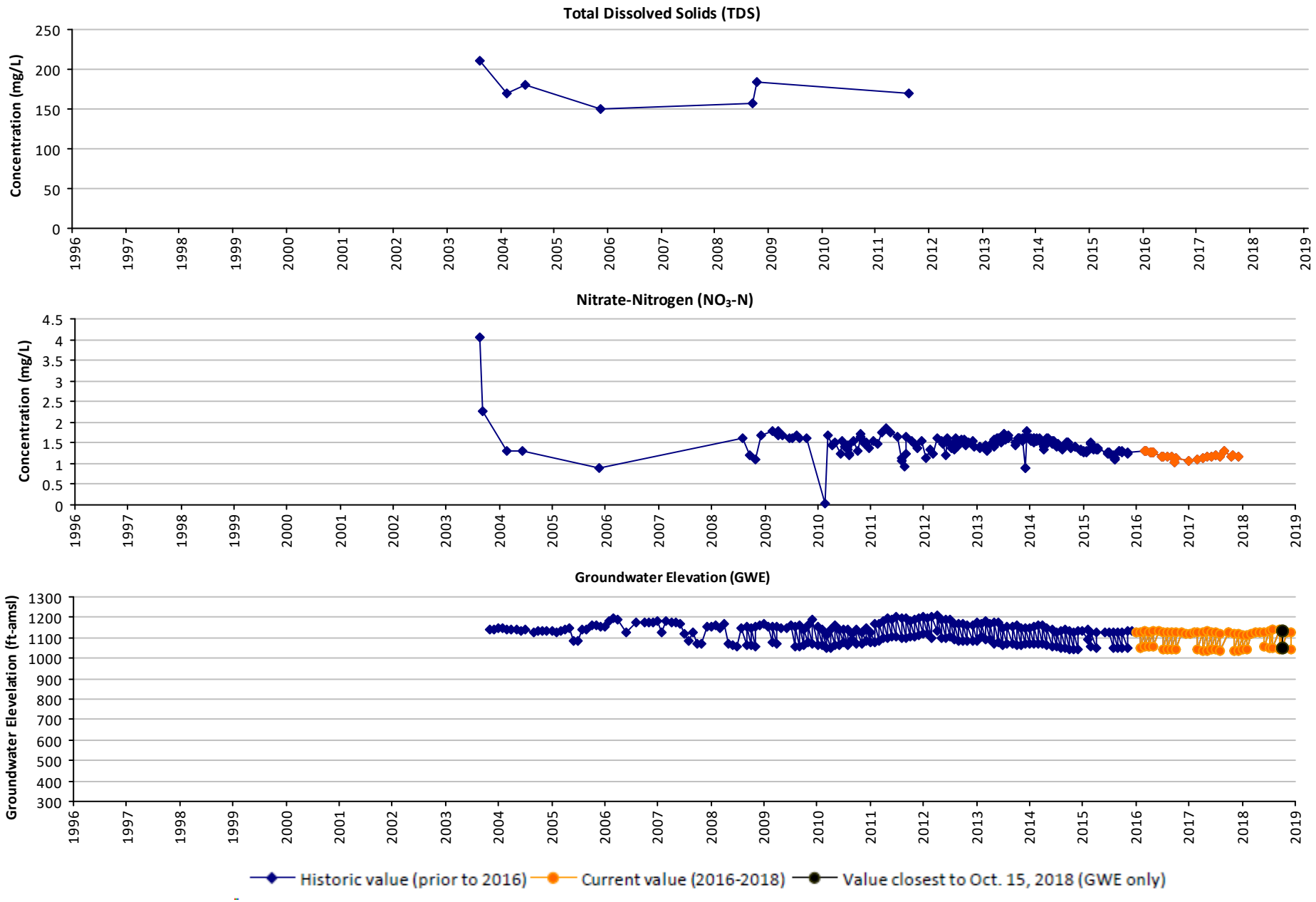

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

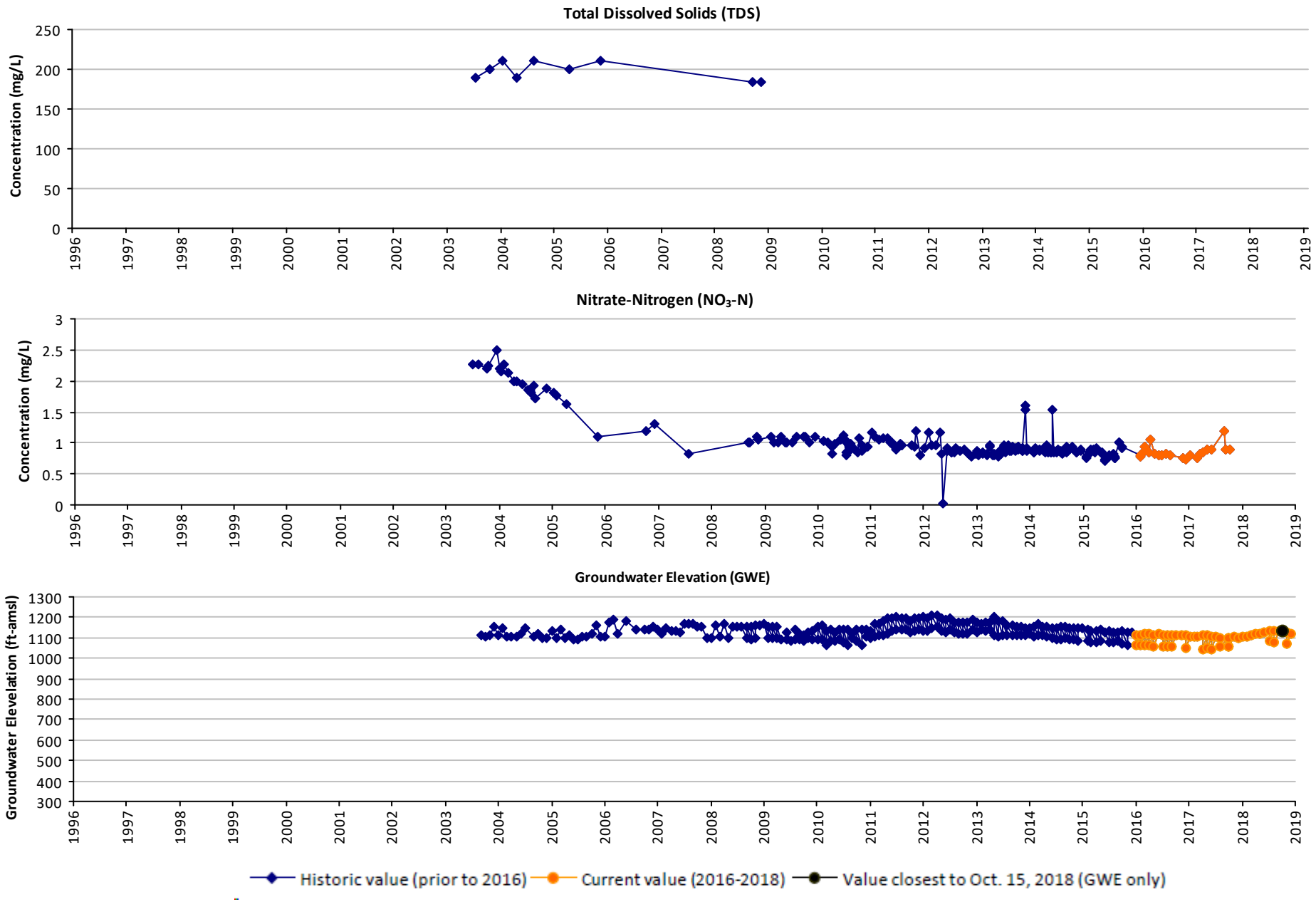

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

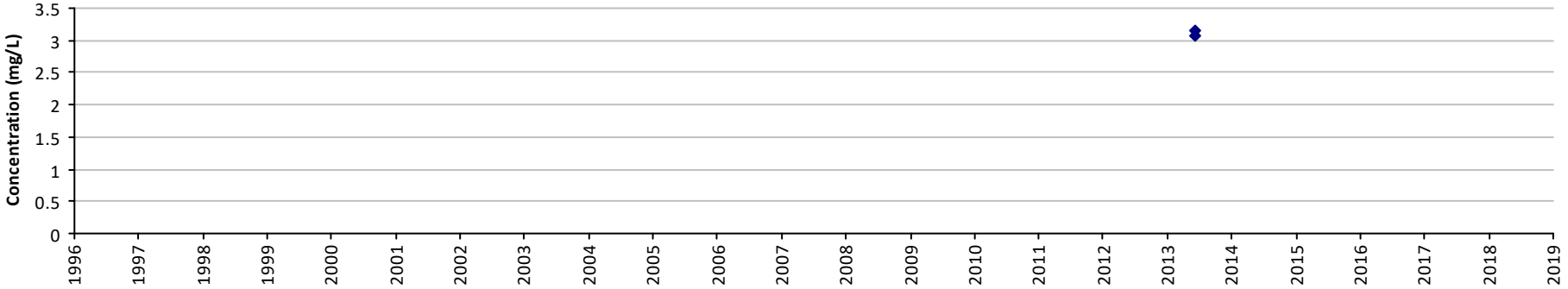

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

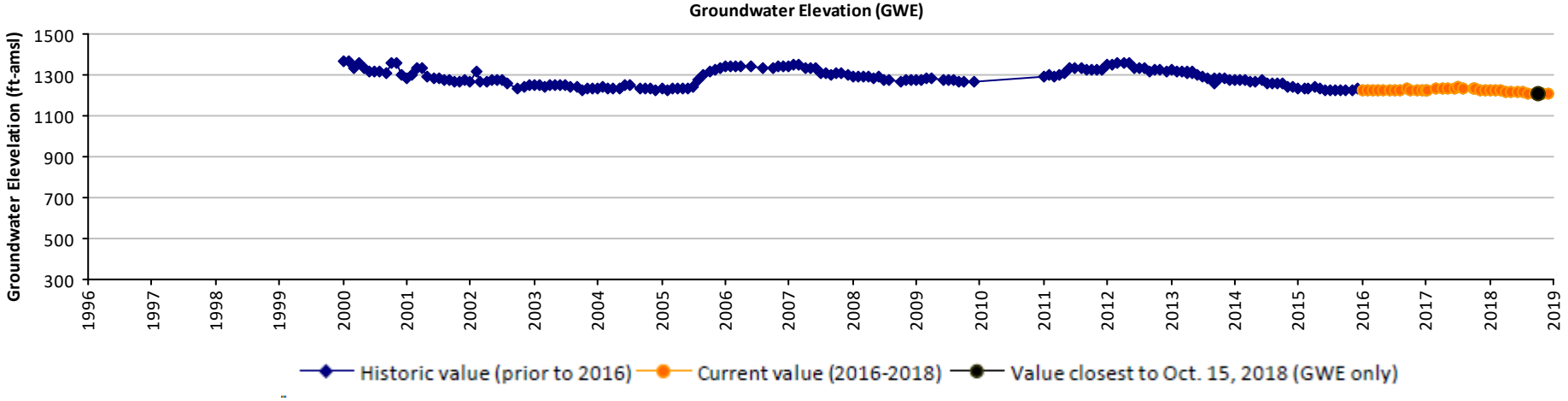

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

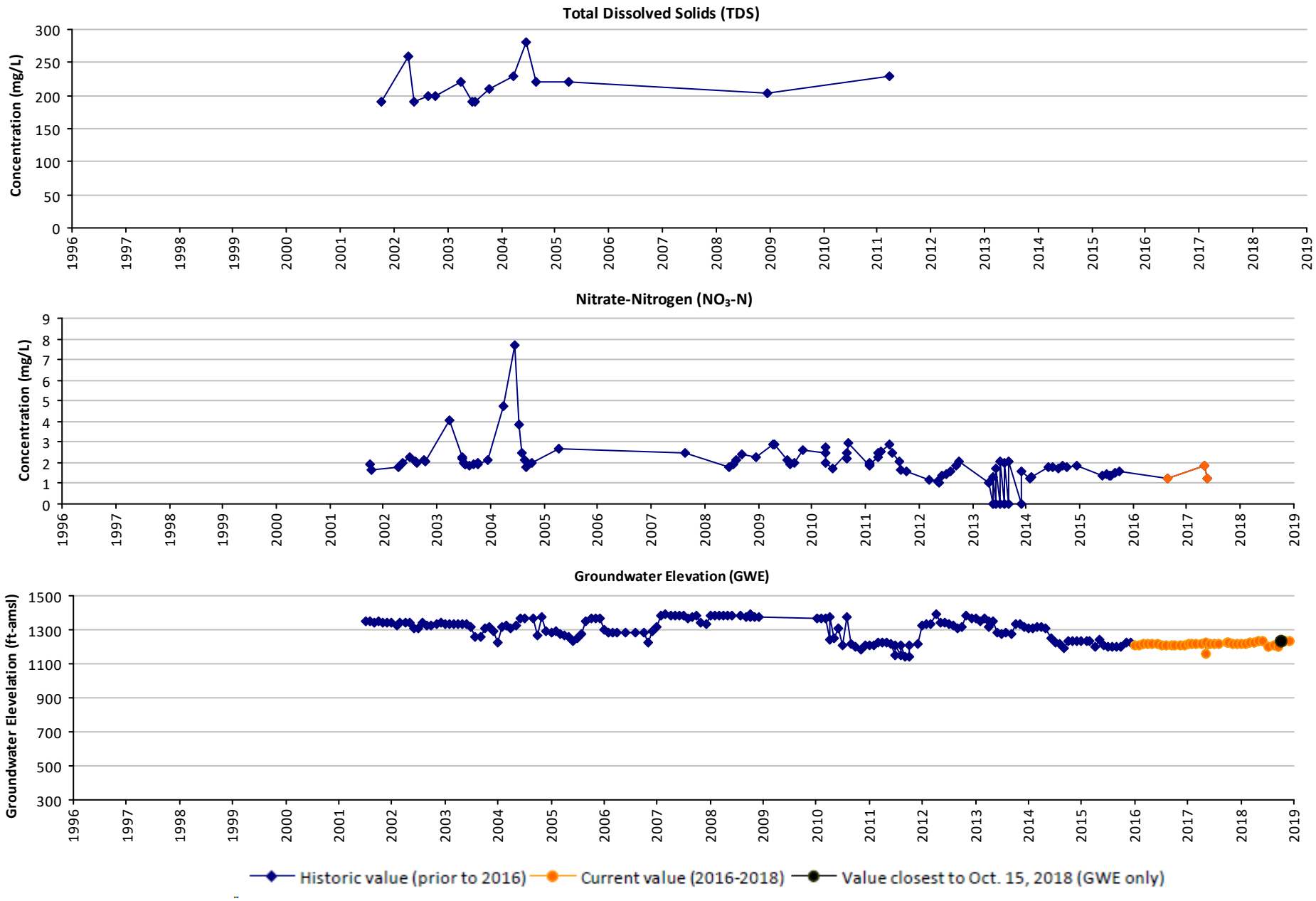
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

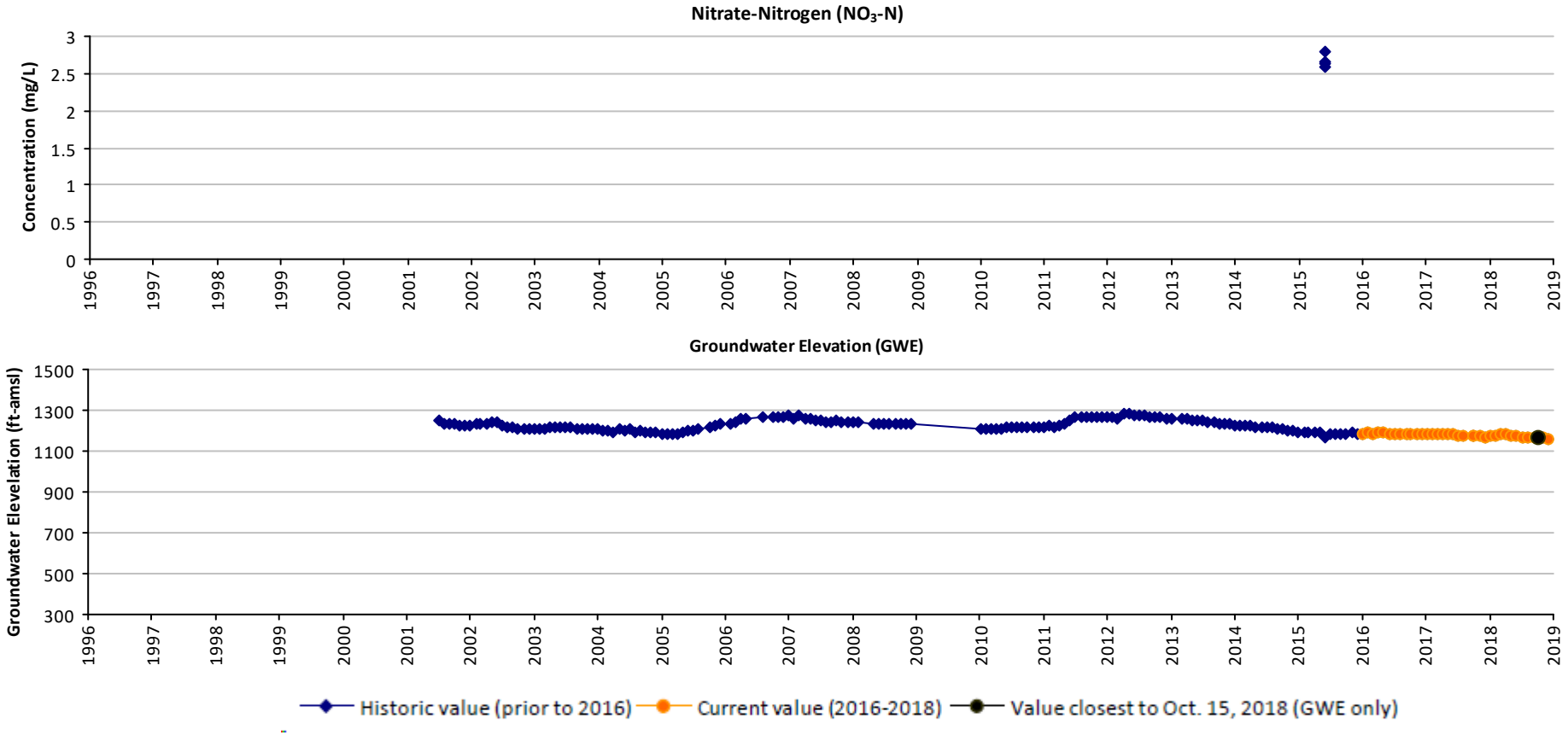


Groundwater Elevation (GWE)



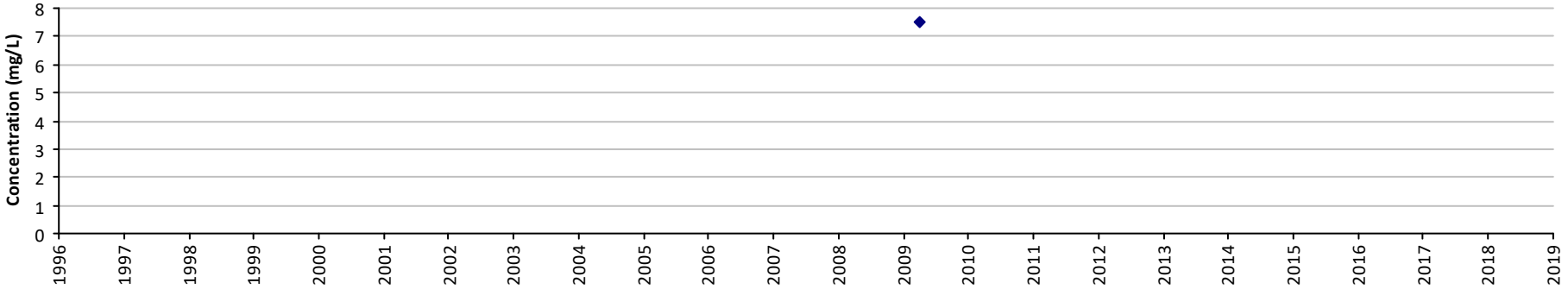

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

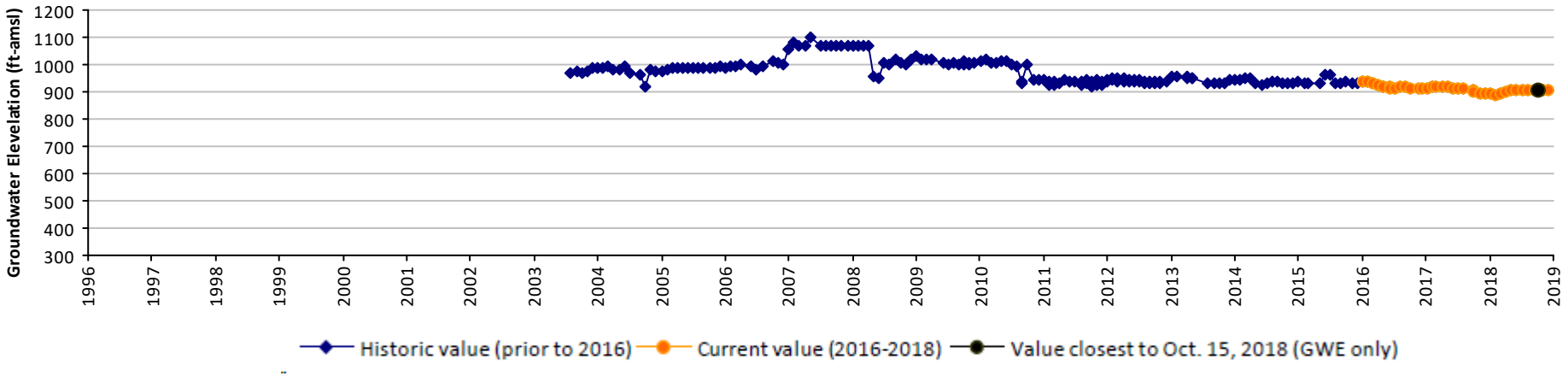


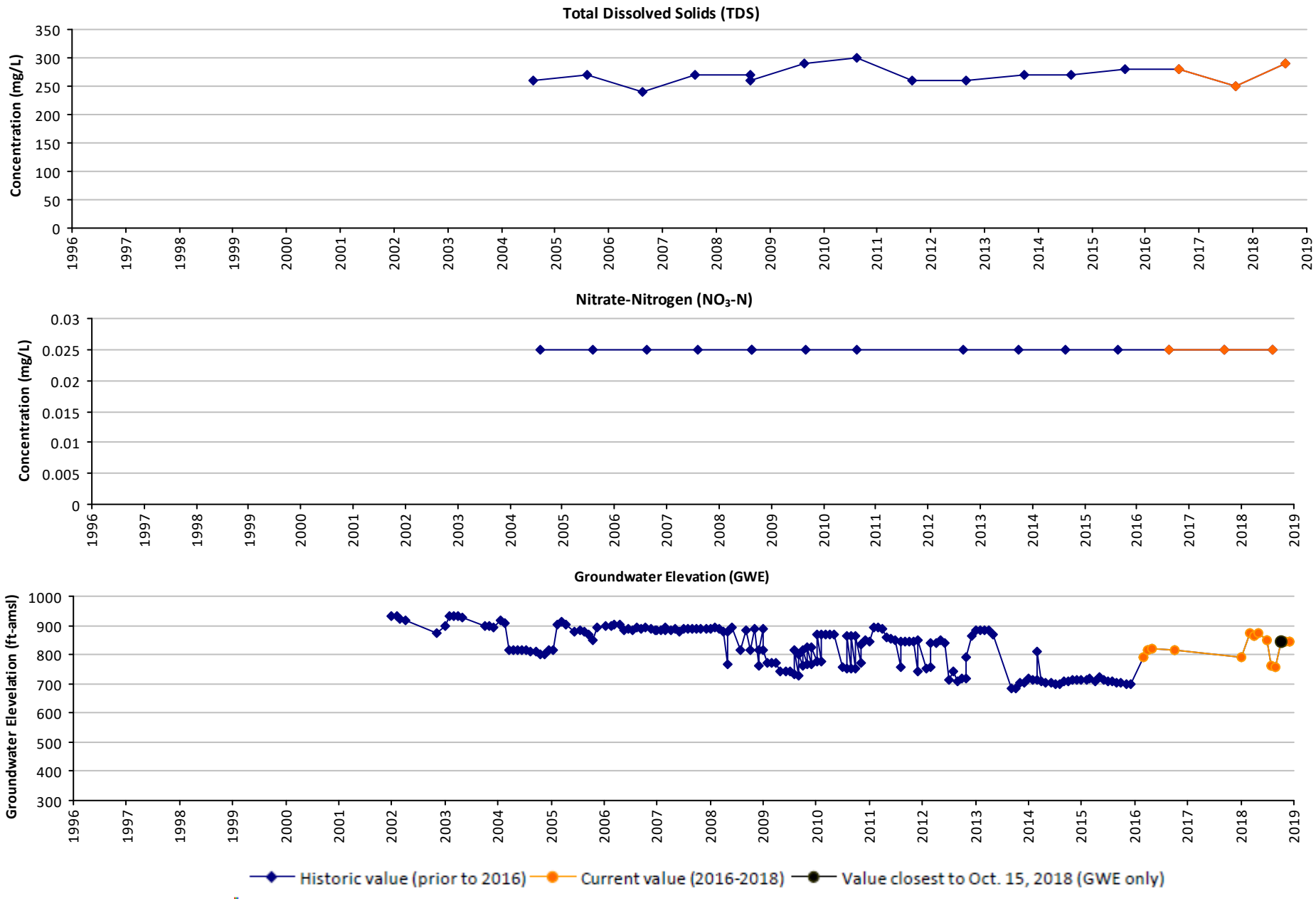
Total Dissolved Solids (TDS)

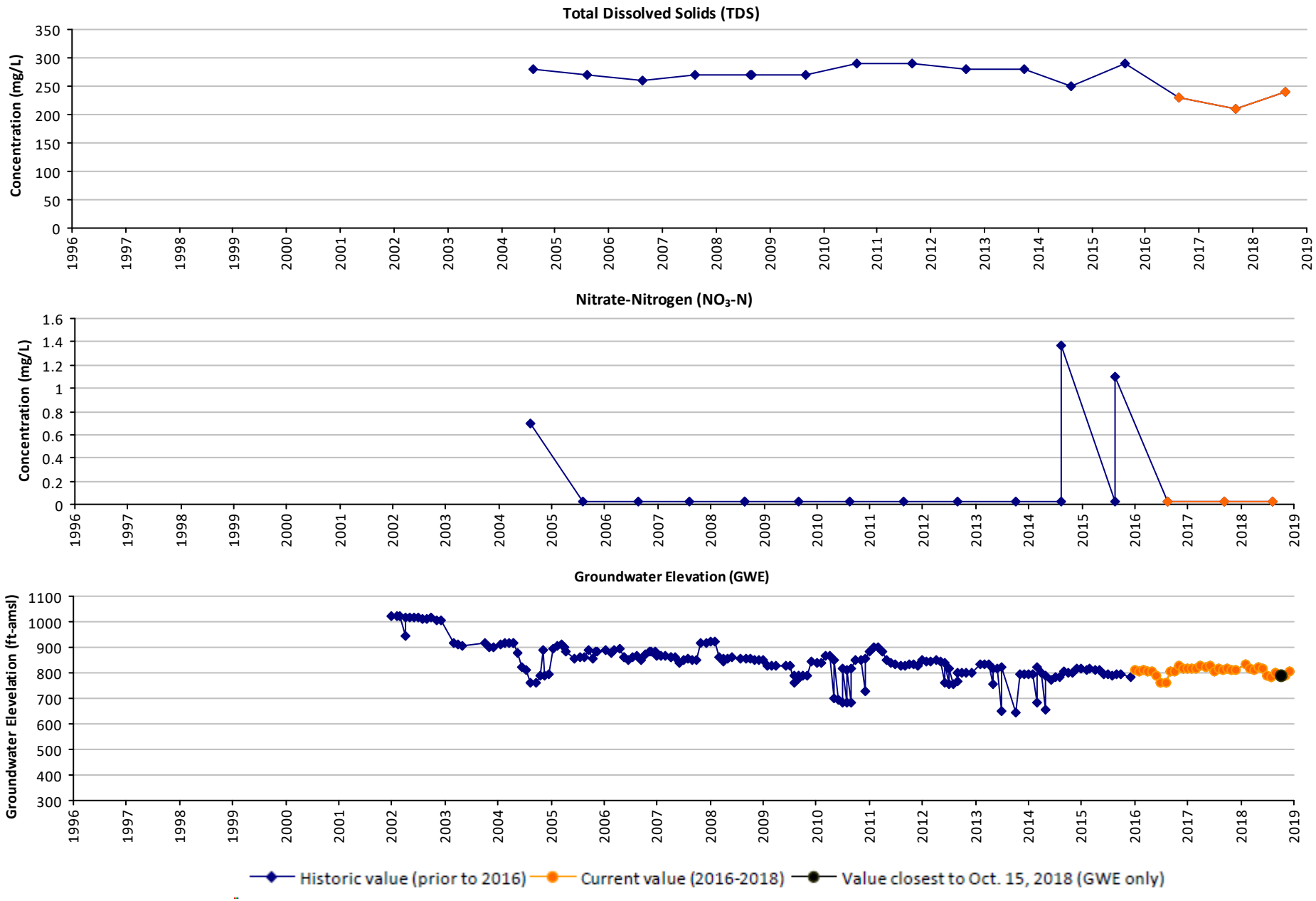
Nitrate-Nitrogen (NO_3-N)

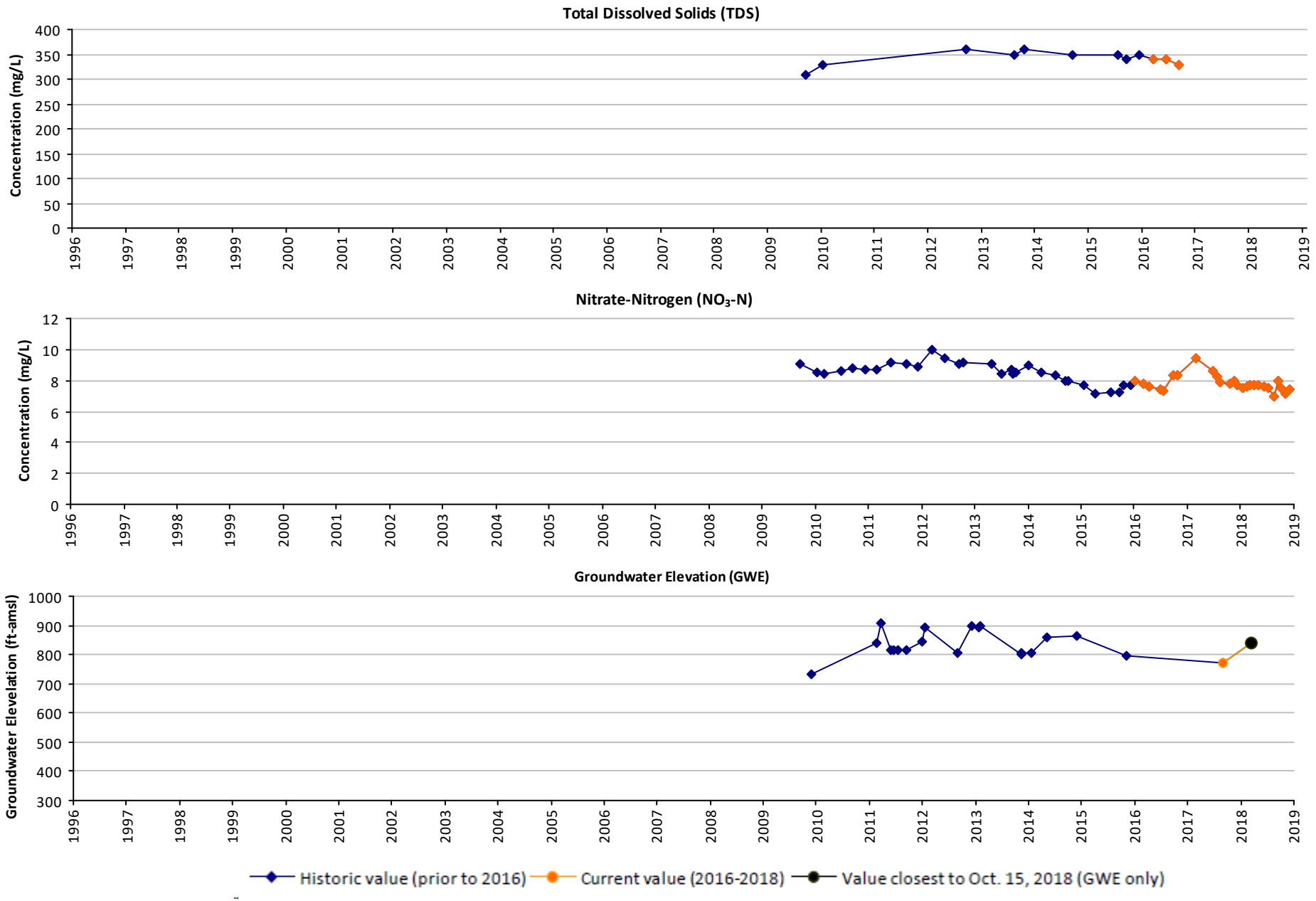


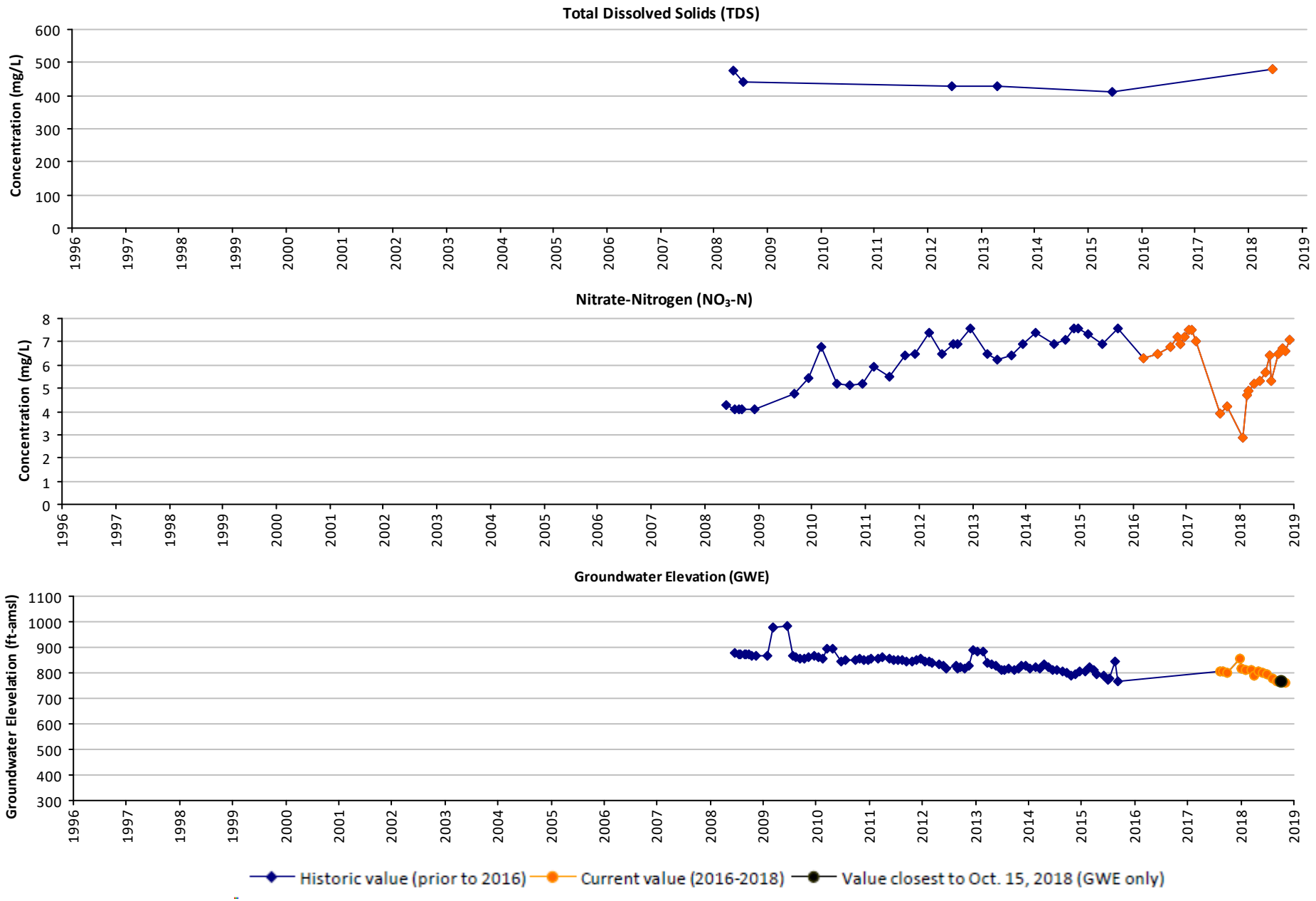
Groundwater Elevation (GWE)

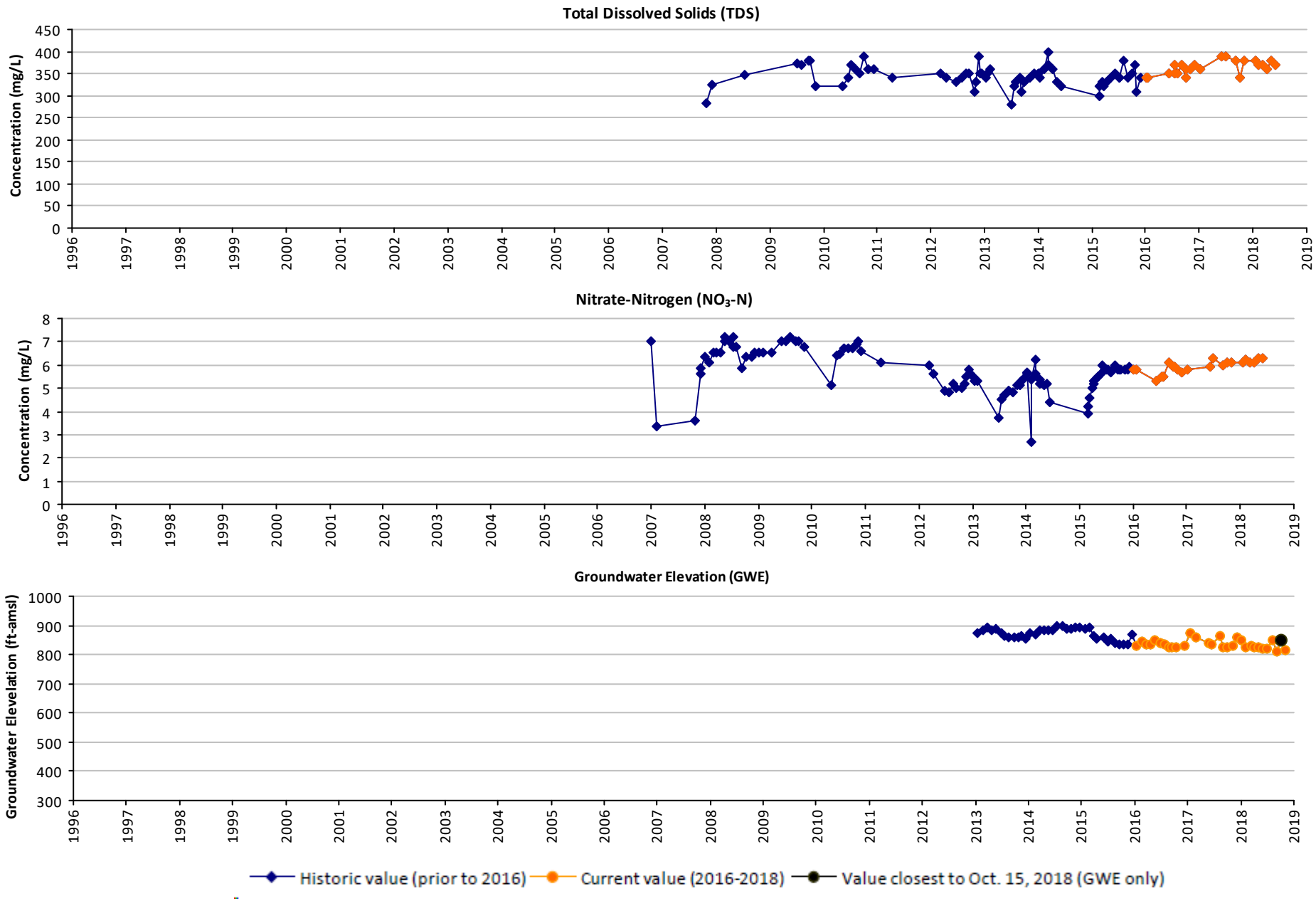


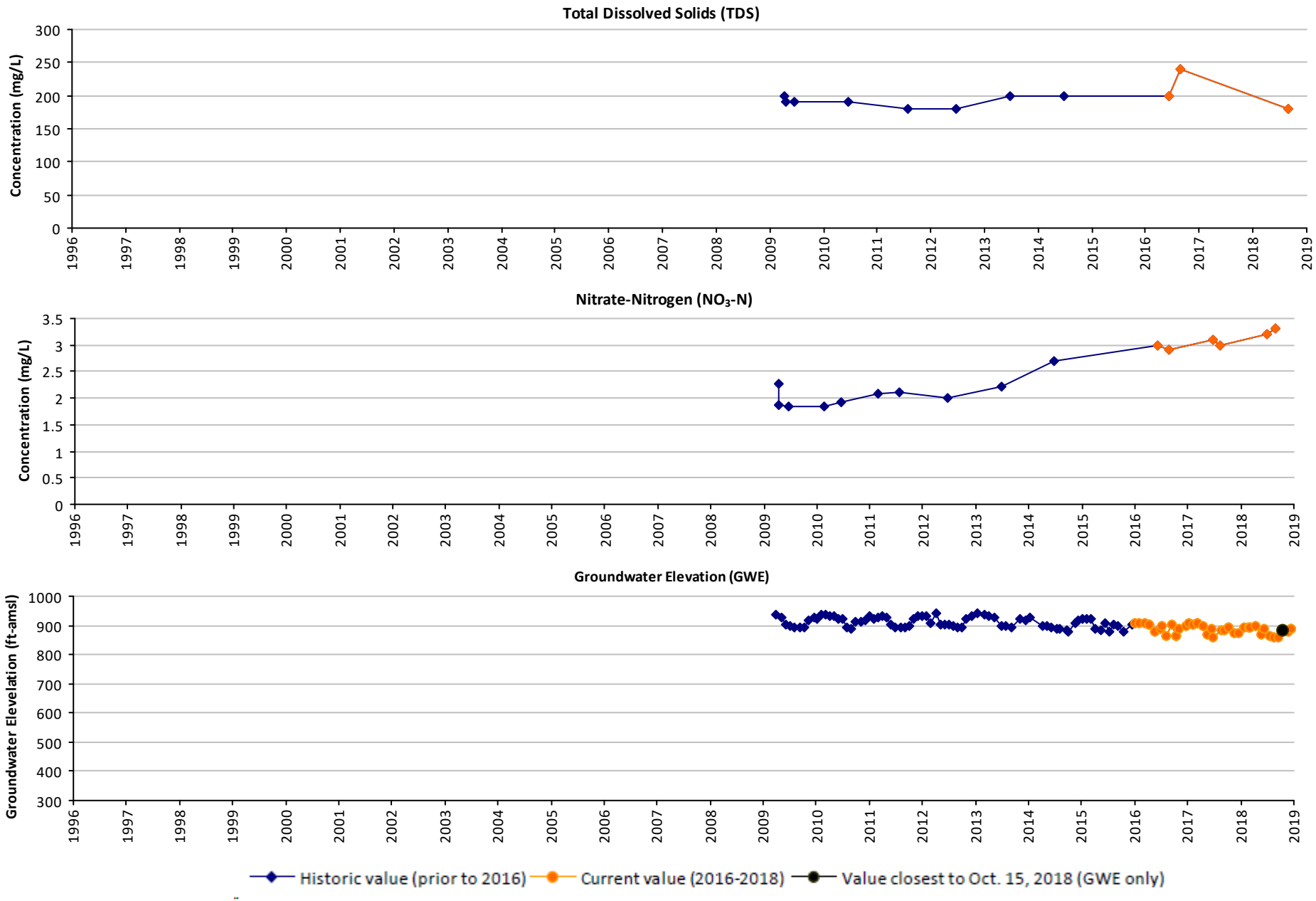

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

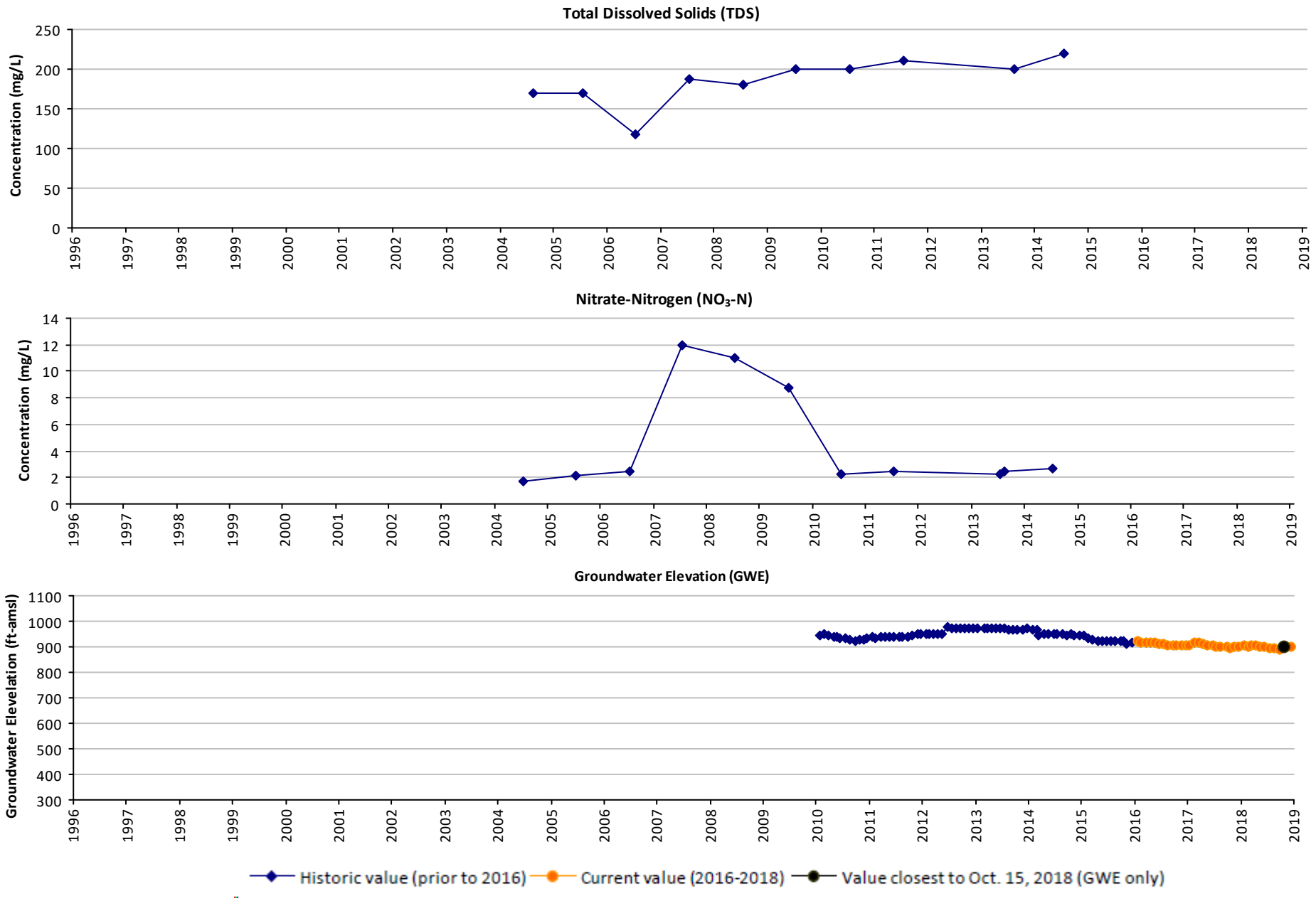

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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2015
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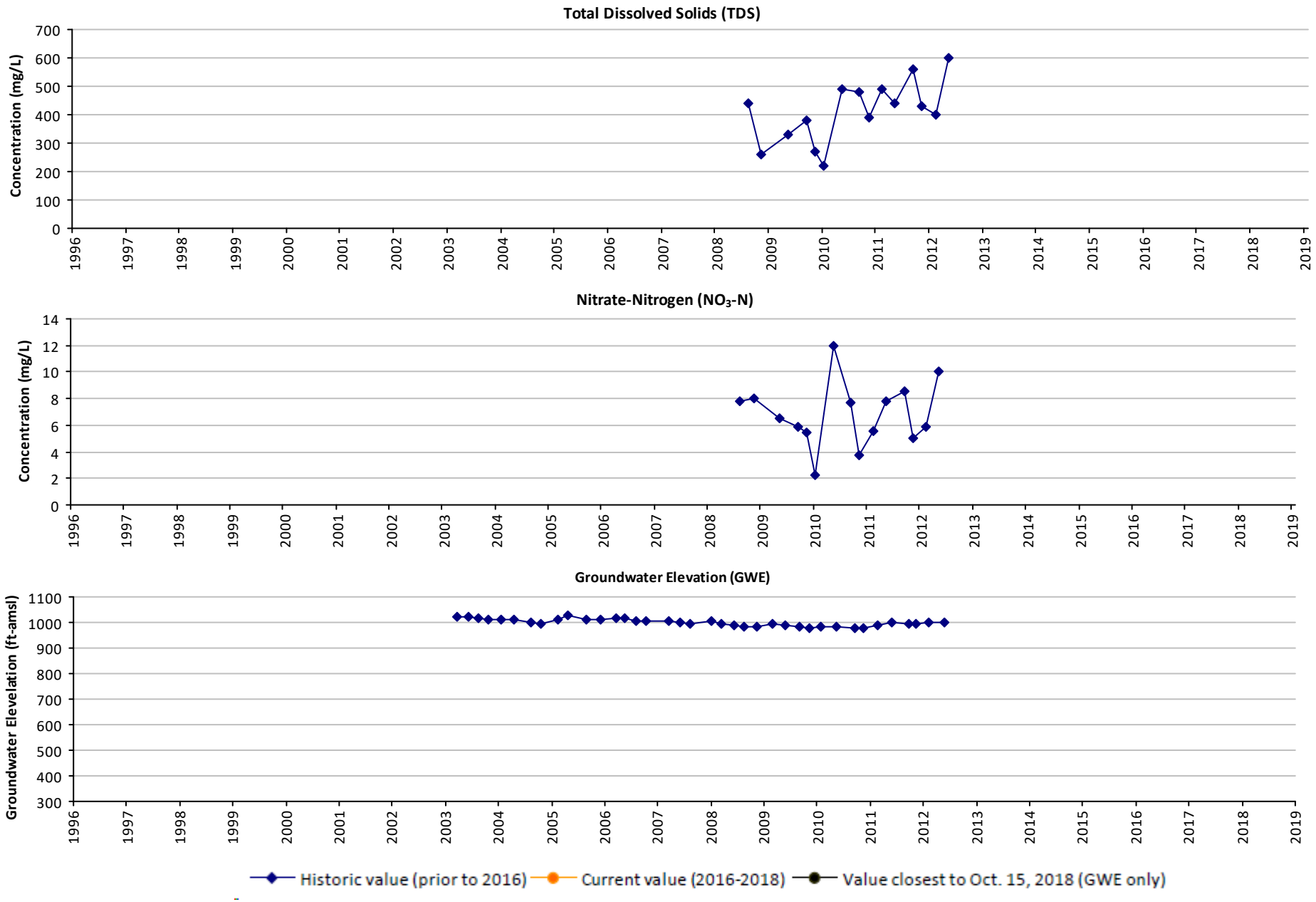
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
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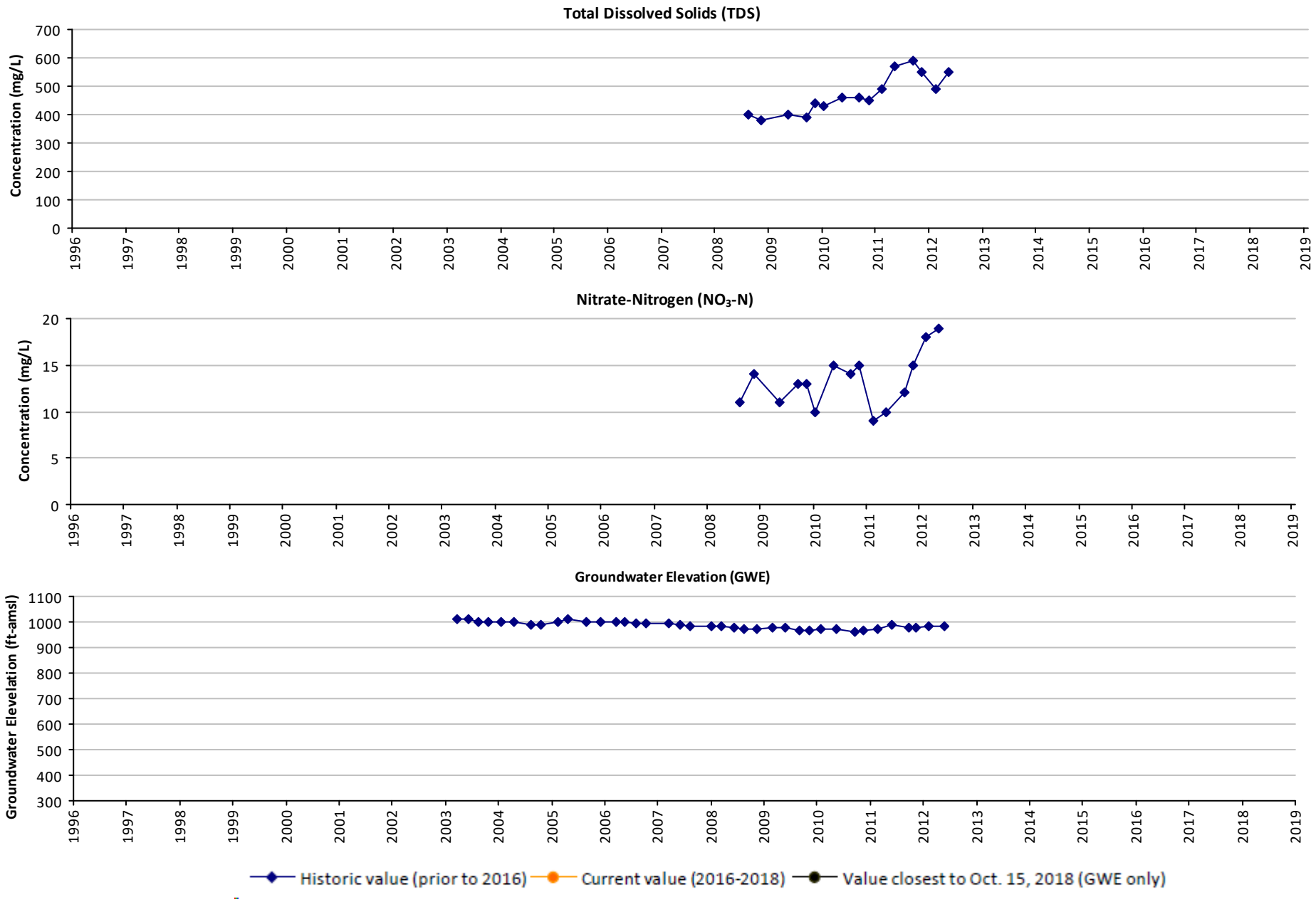
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
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2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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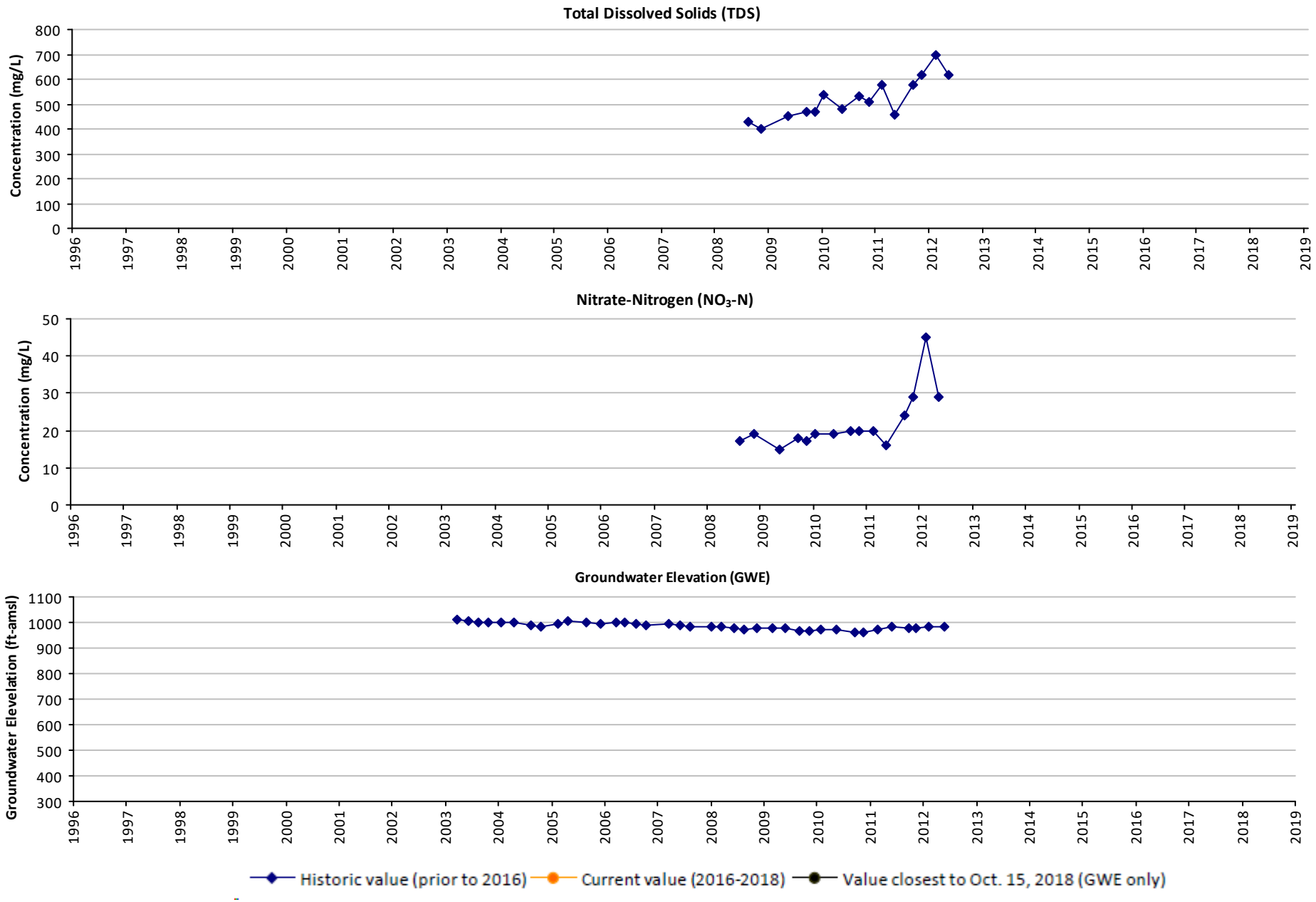
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
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1996
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2004
2005
2006
2007
2008
2009
2010
2011
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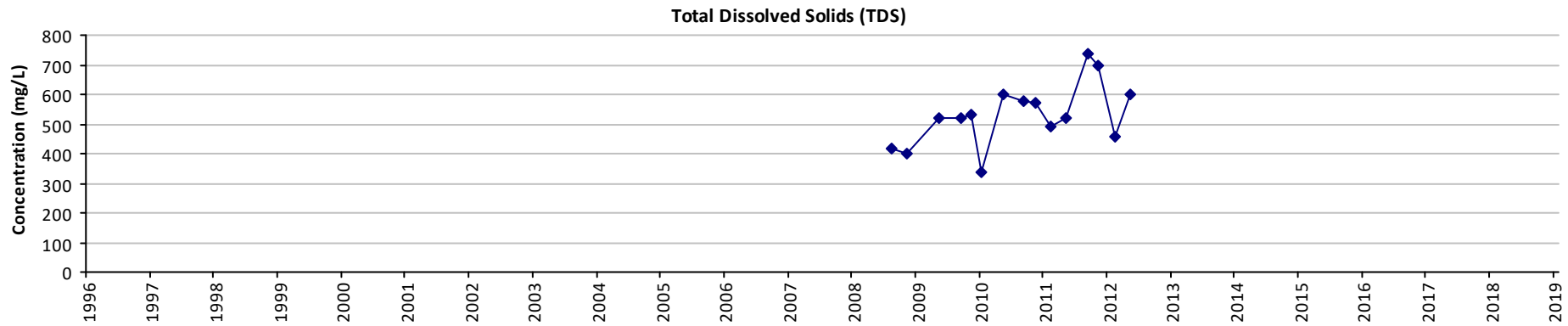
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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200
300
400
500
600
700
800
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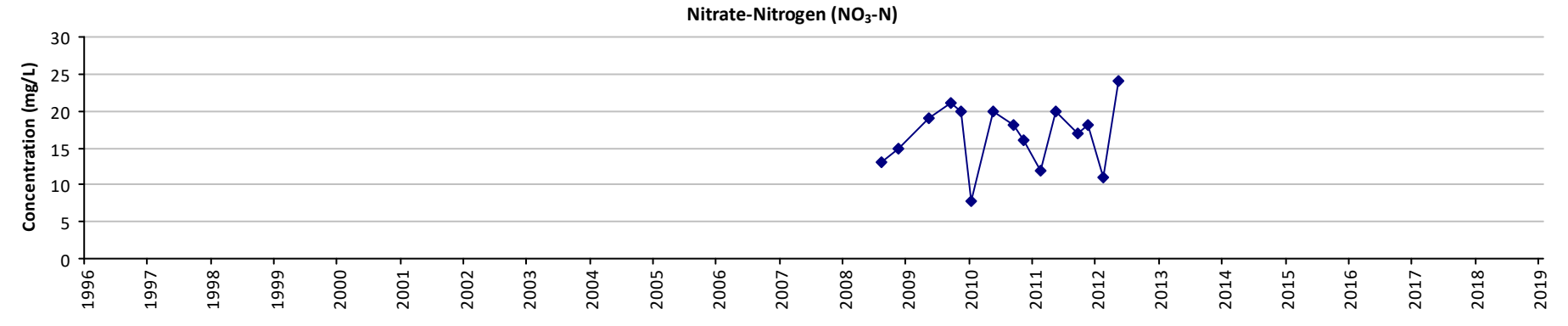
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
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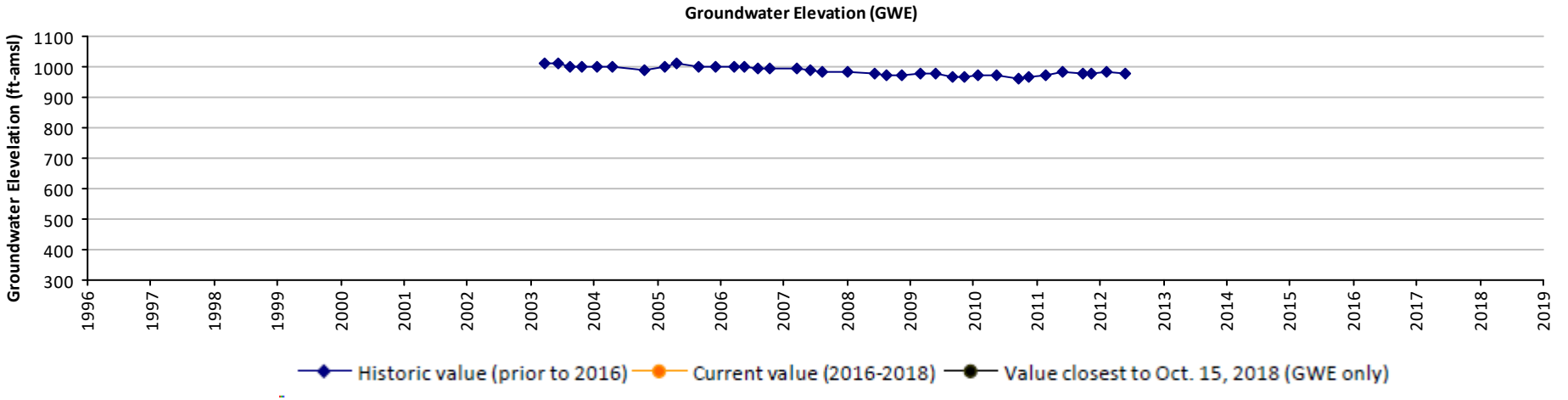
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
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1000
1100
1996
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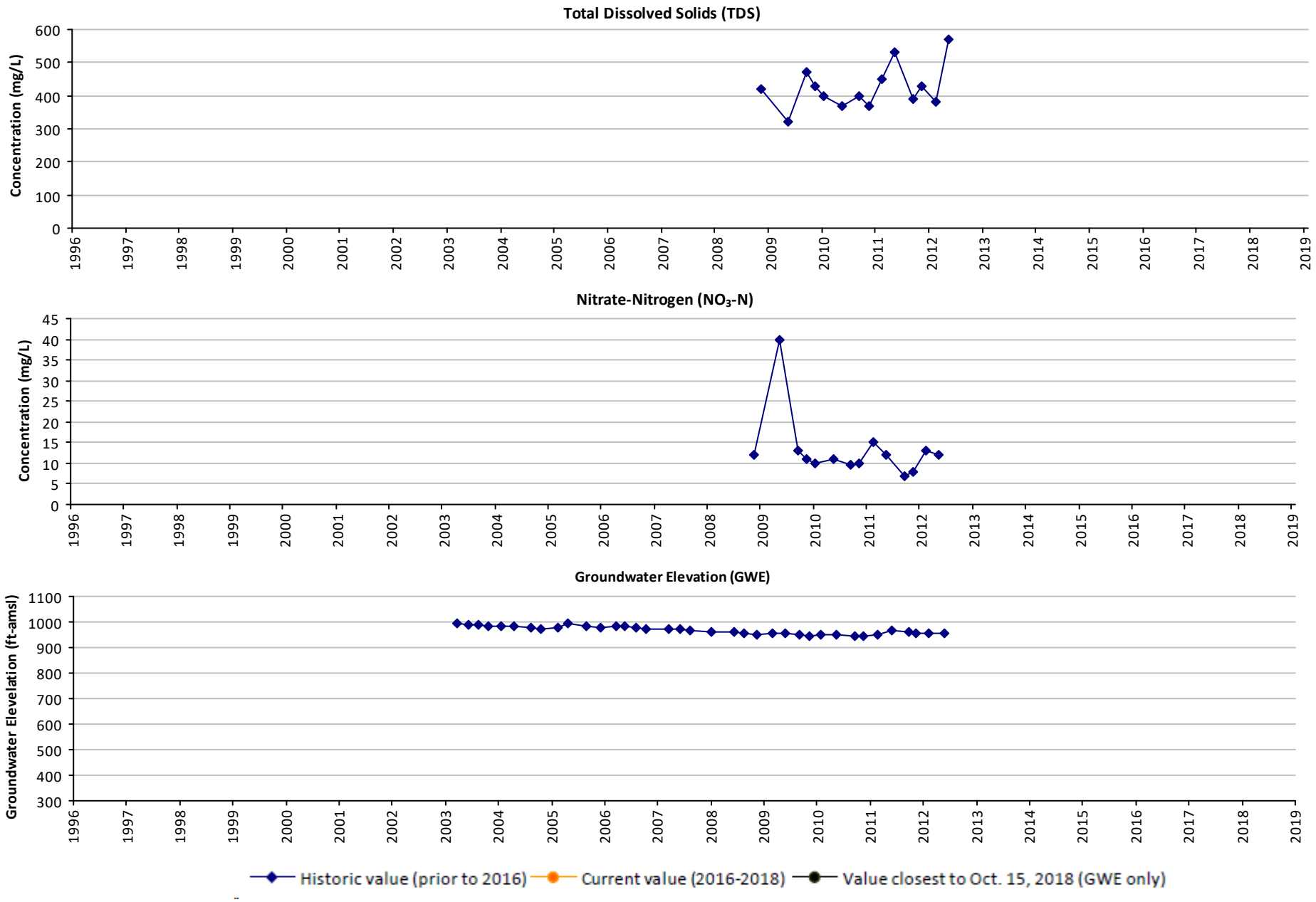
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
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2004
2005
2006
2007
2008
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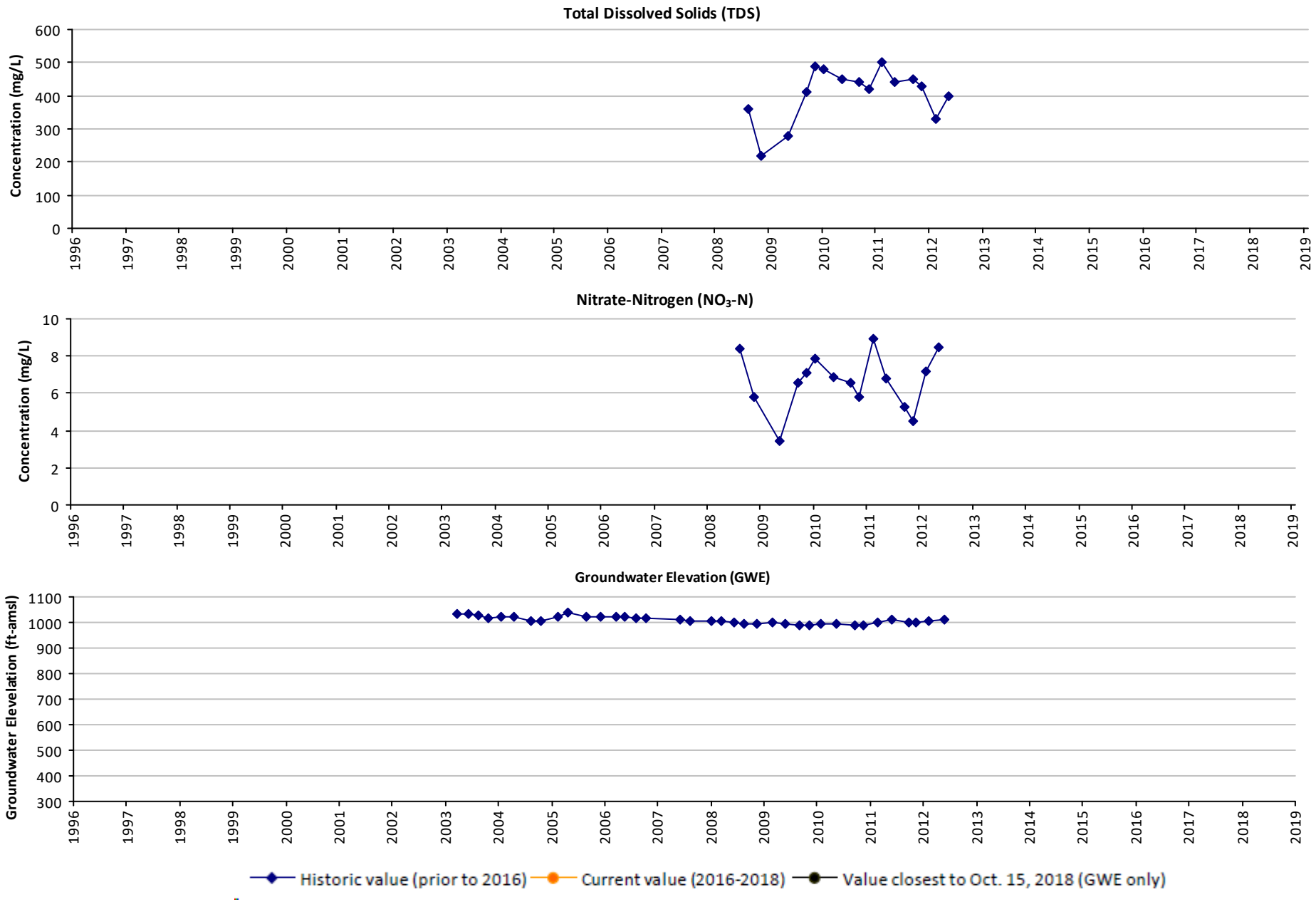
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
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1996
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2016
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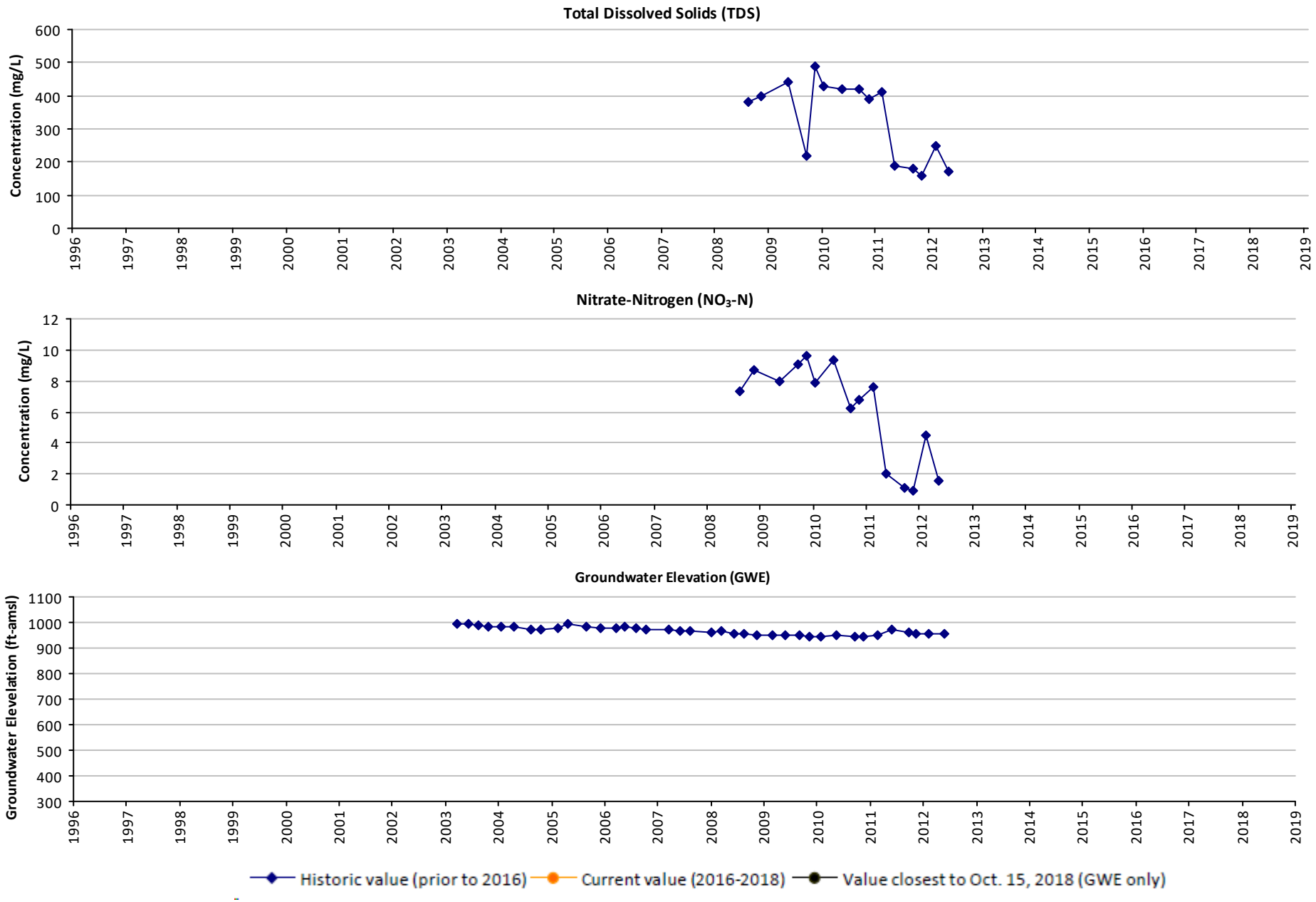
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
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1996
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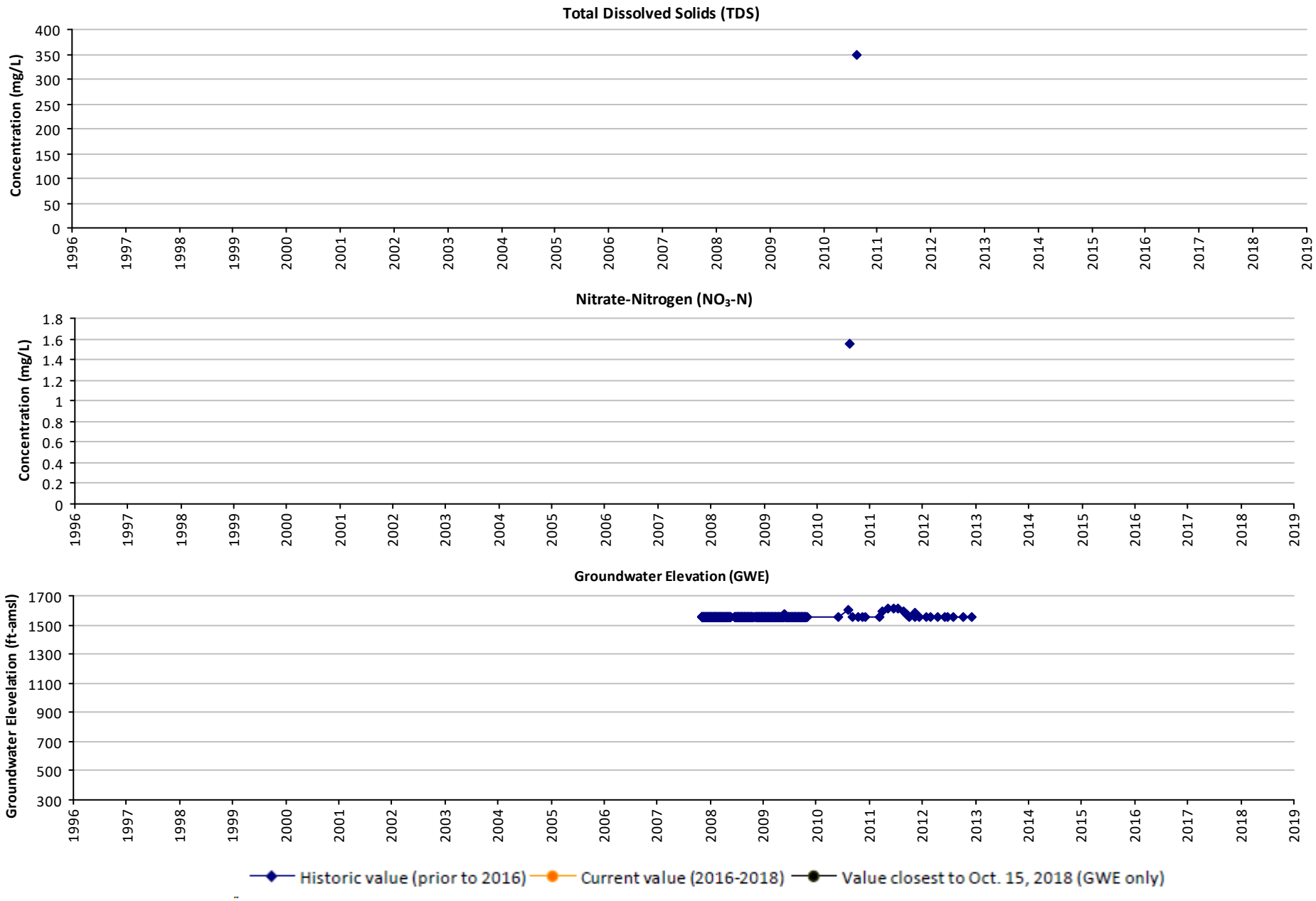
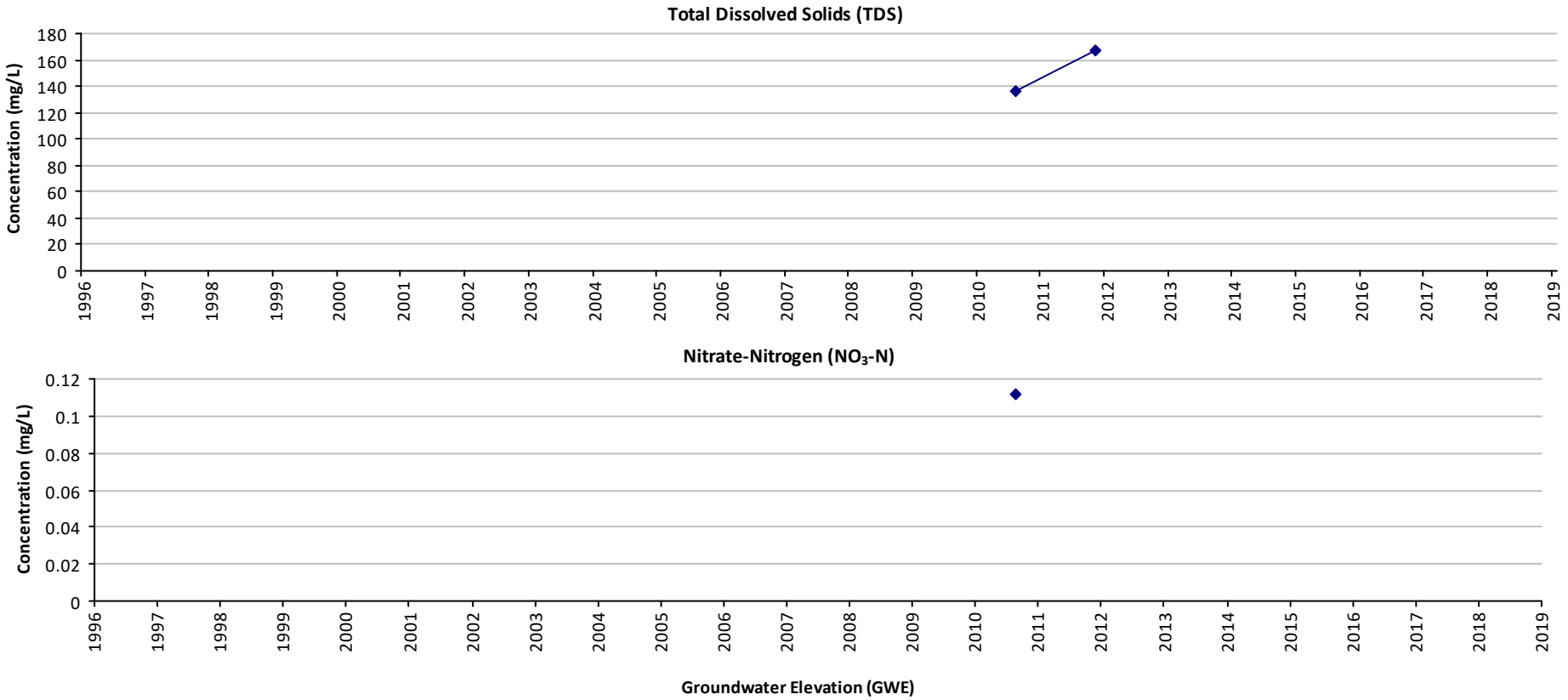
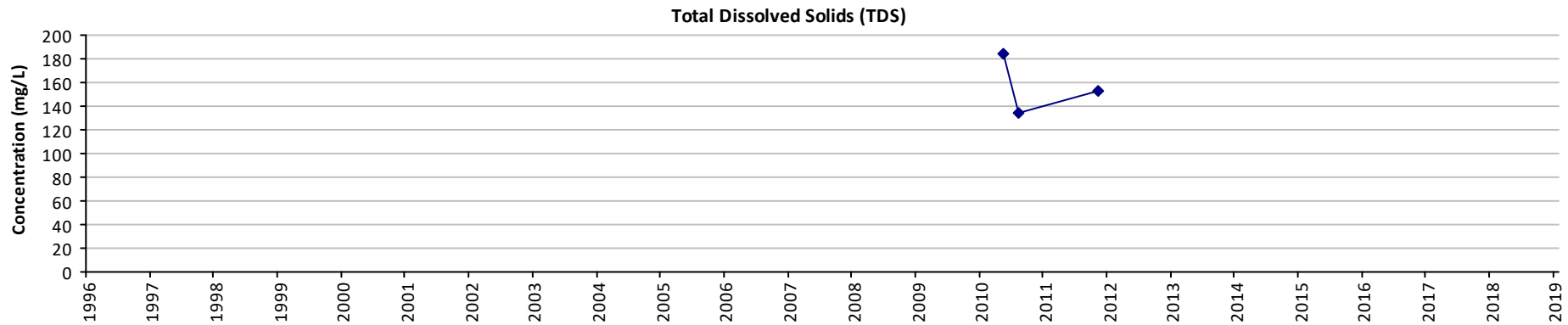
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
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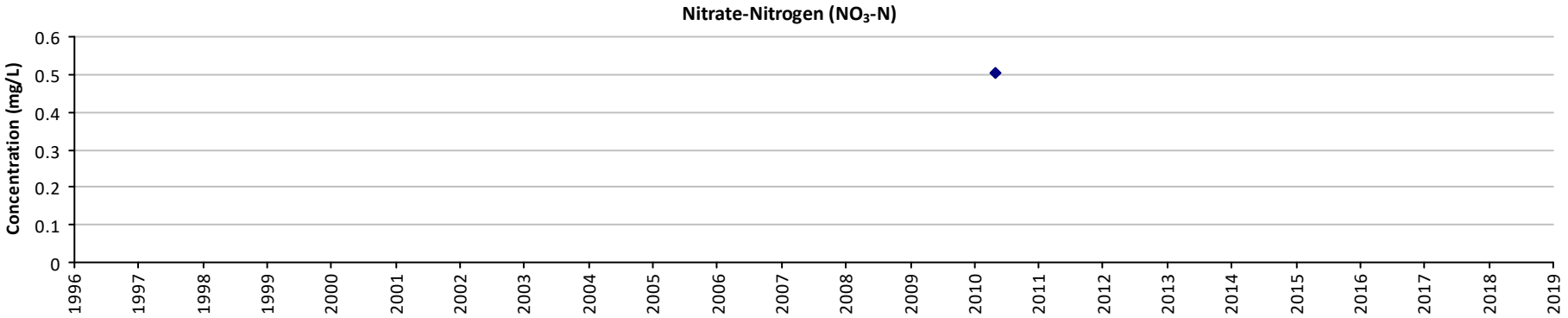
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
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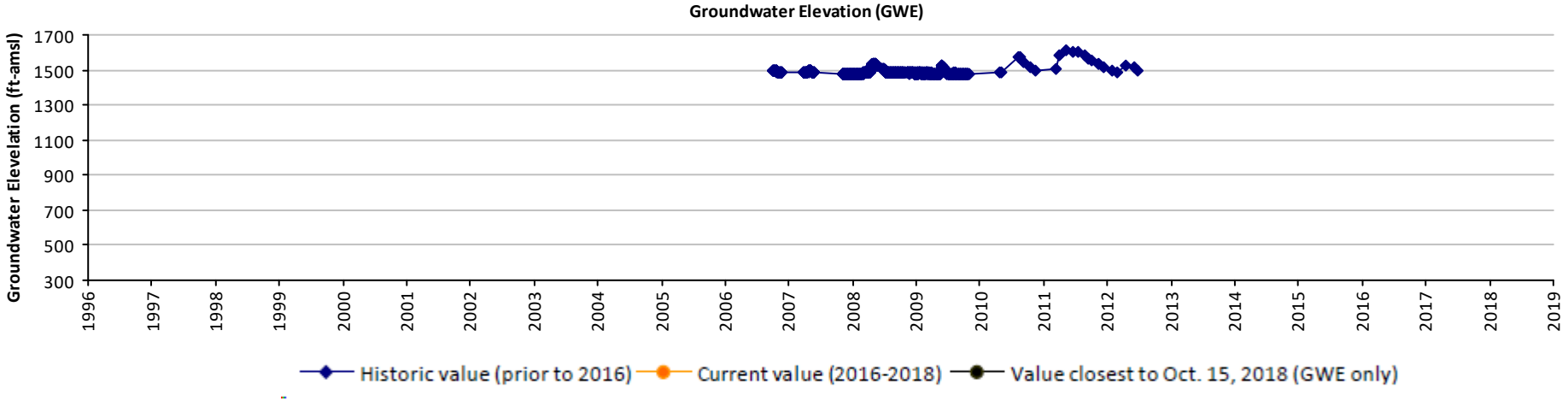
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
300
1996
1997
1998
1999
2000
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2002
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2004
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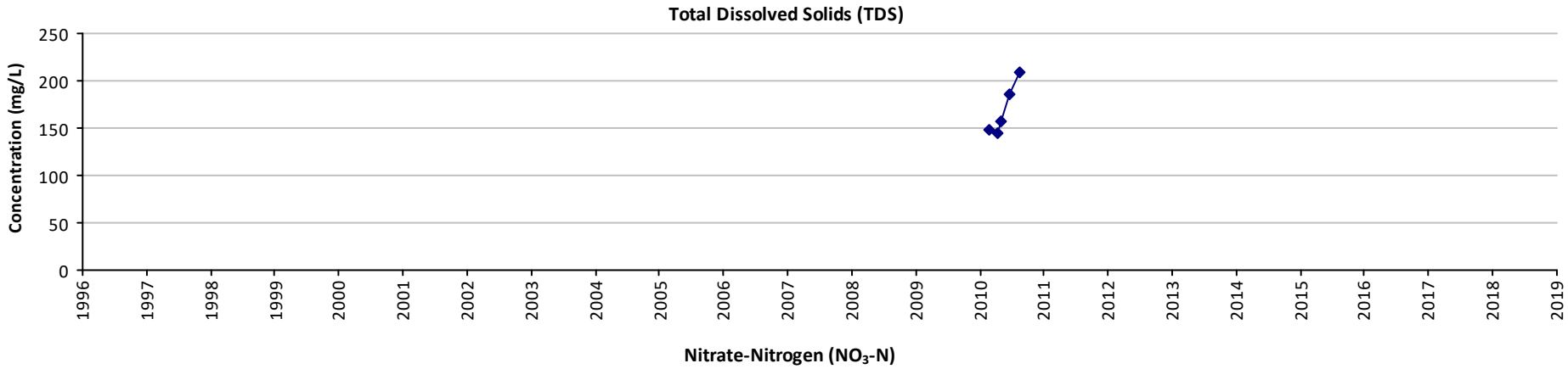
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
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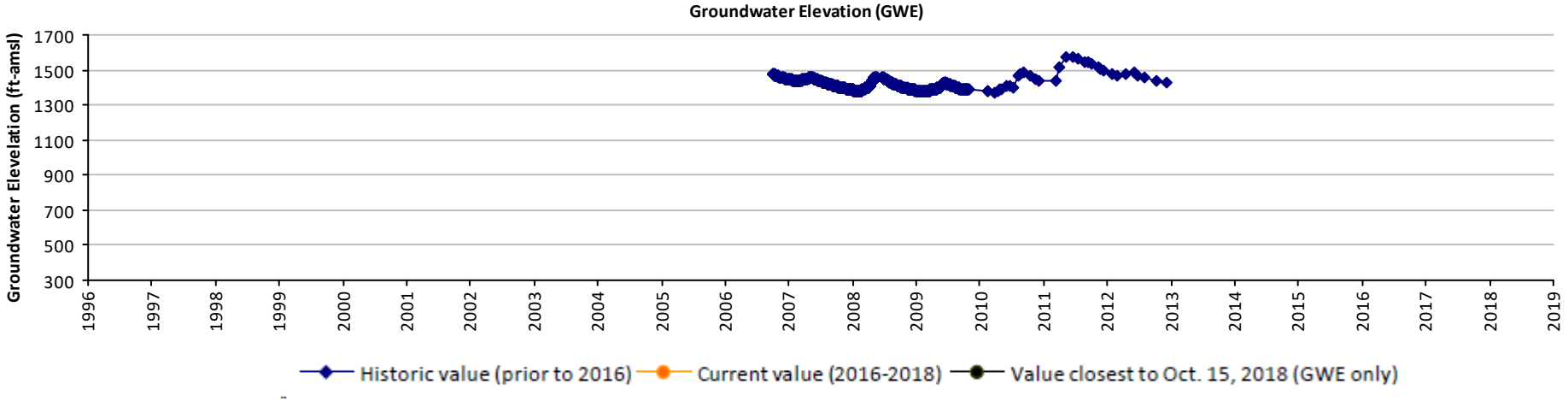
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
300
1996
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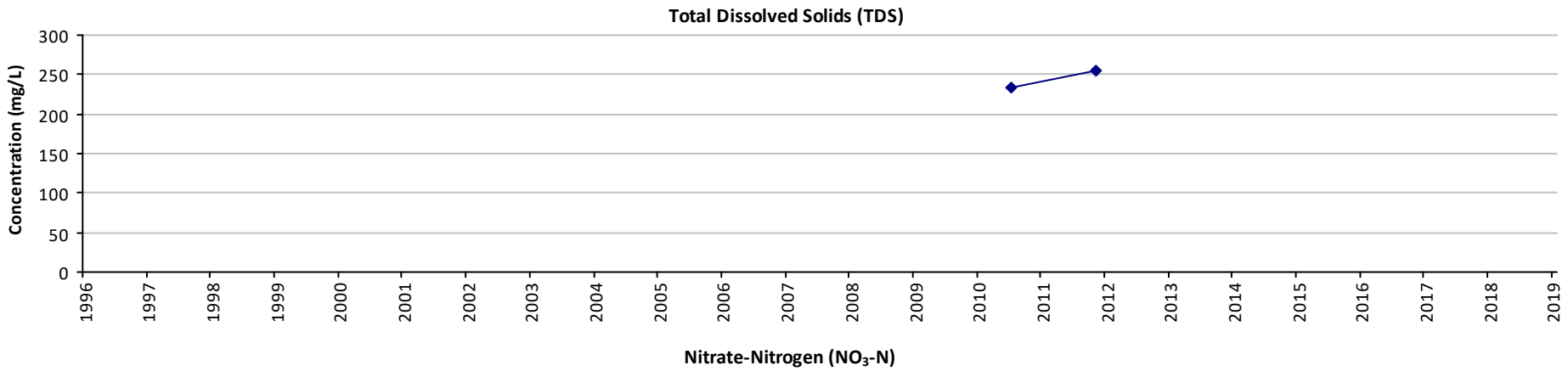
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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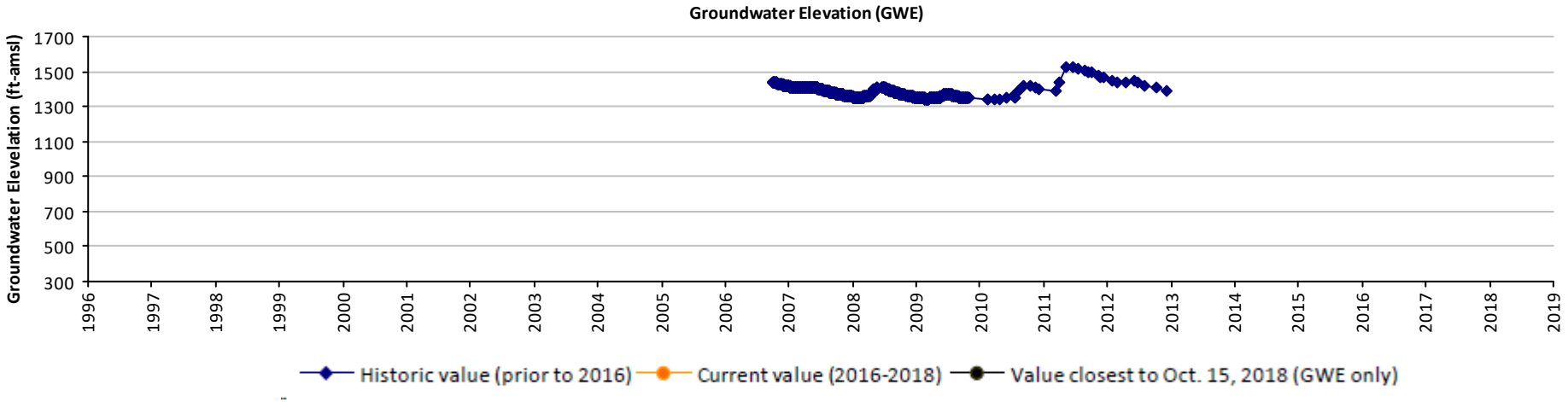
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
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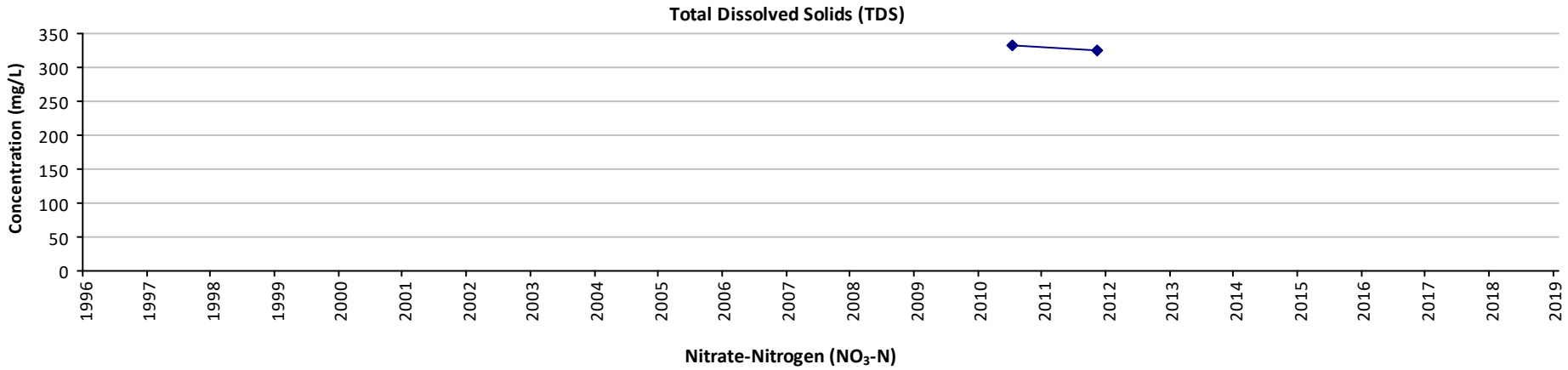
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
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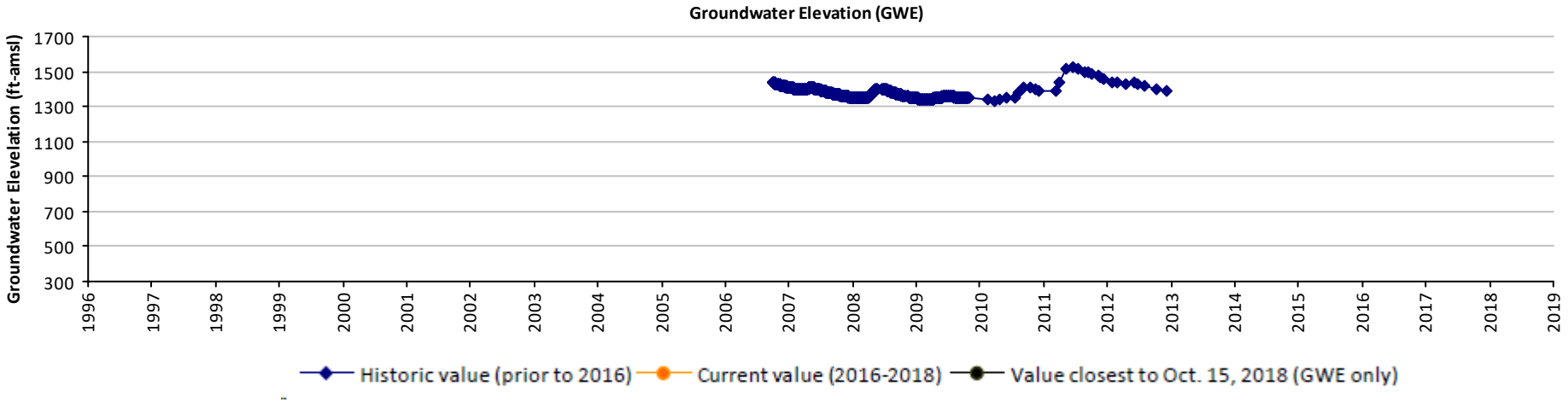
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
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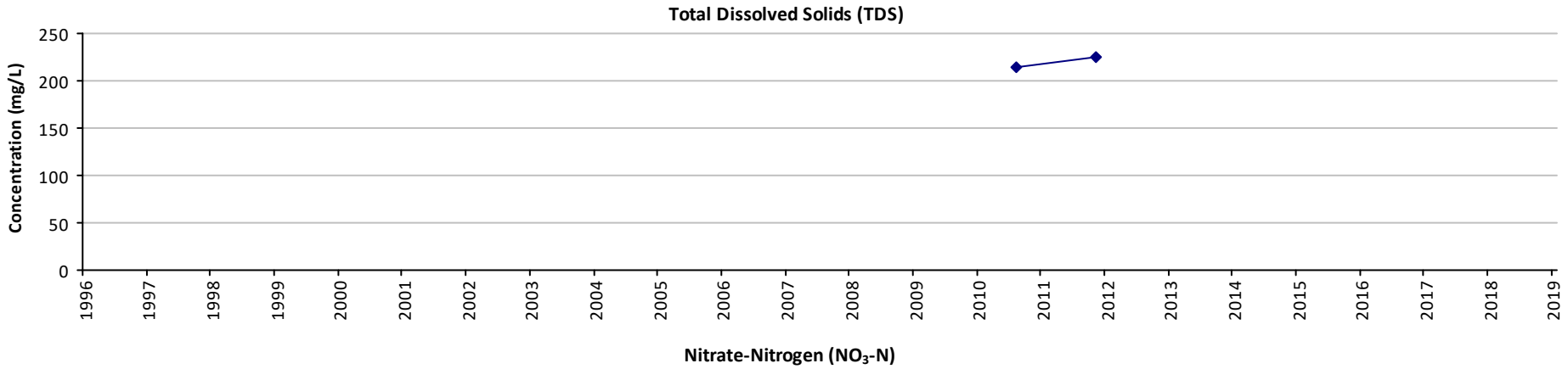
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
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100
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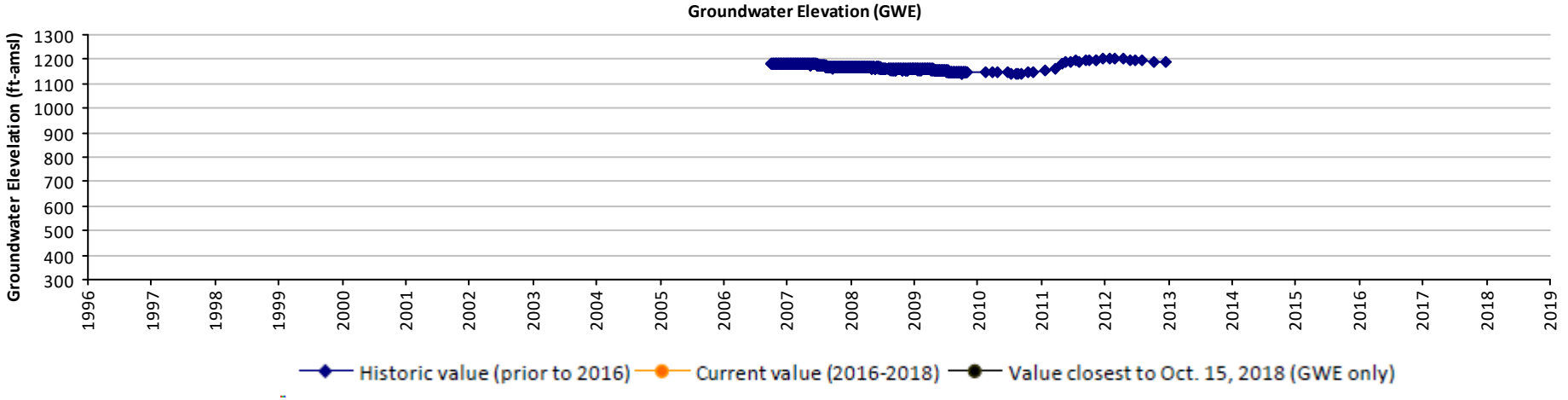
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
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1996
1997
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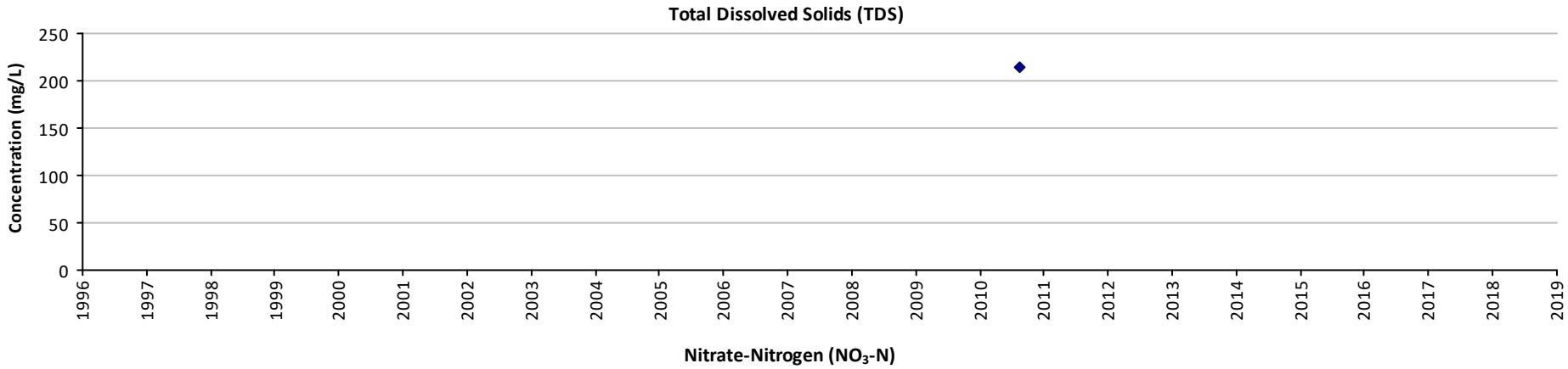
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
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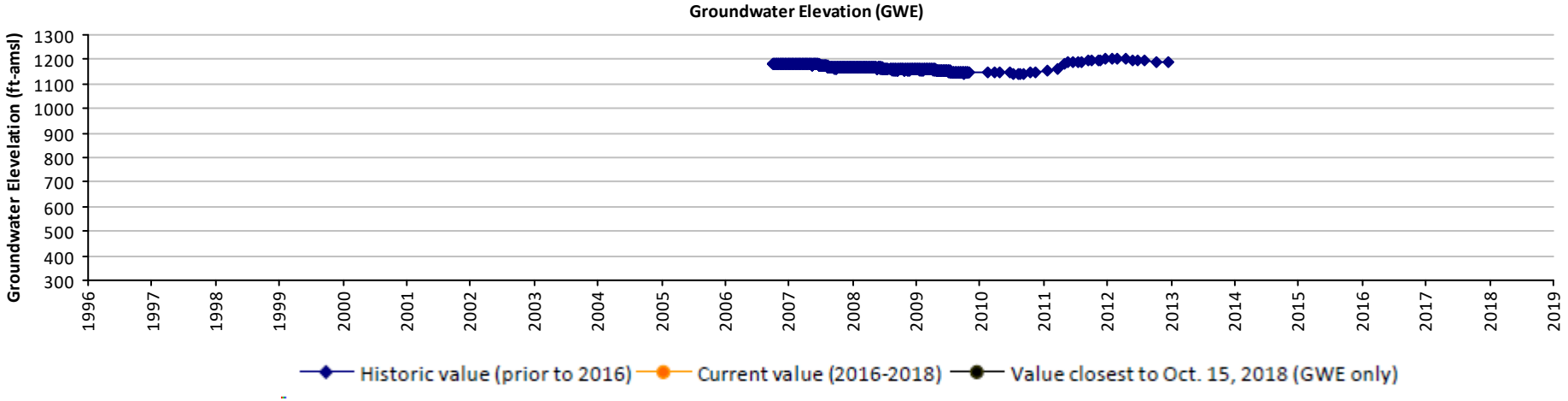
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
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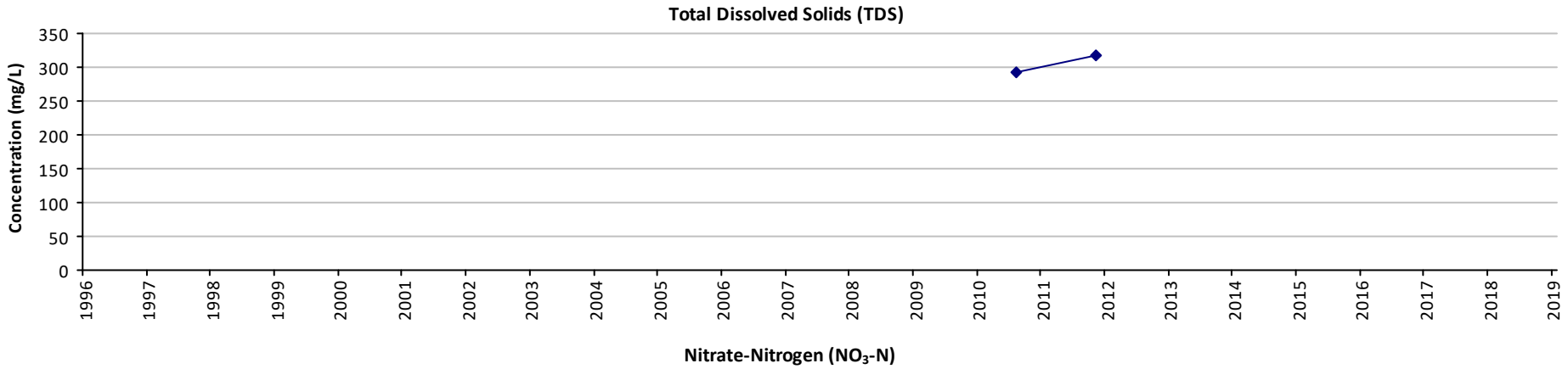
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
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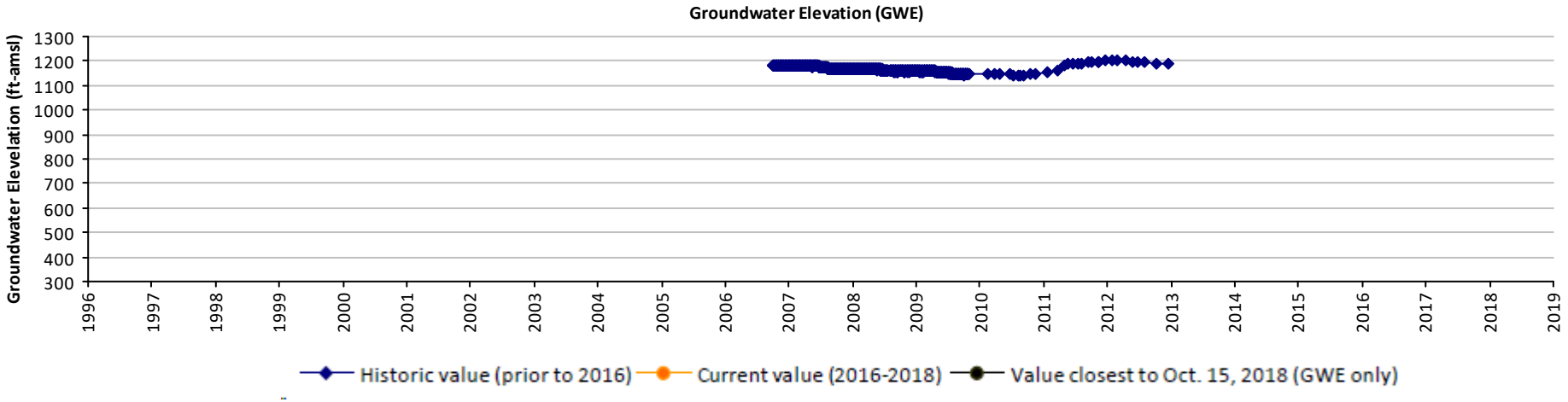
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
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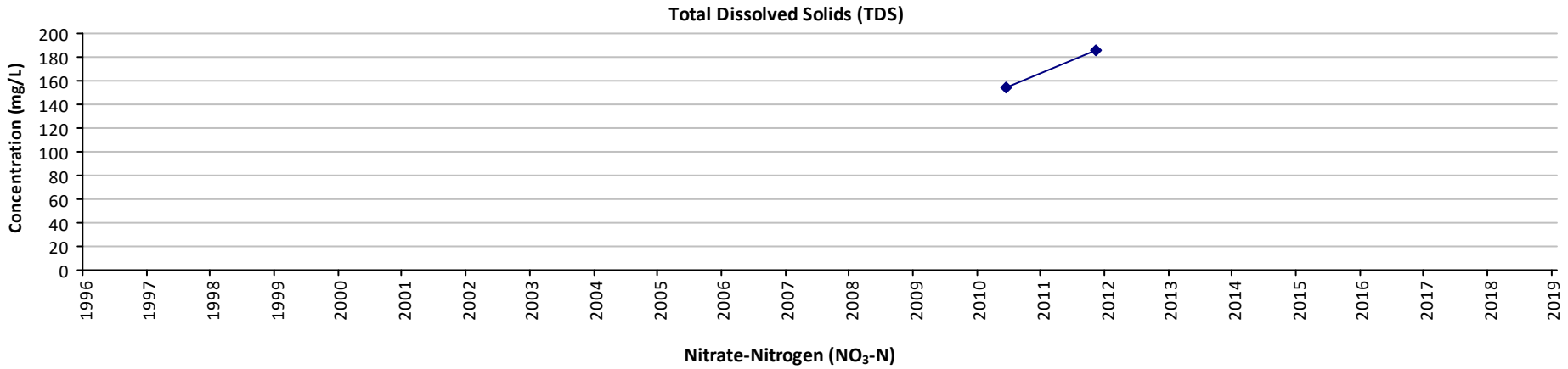
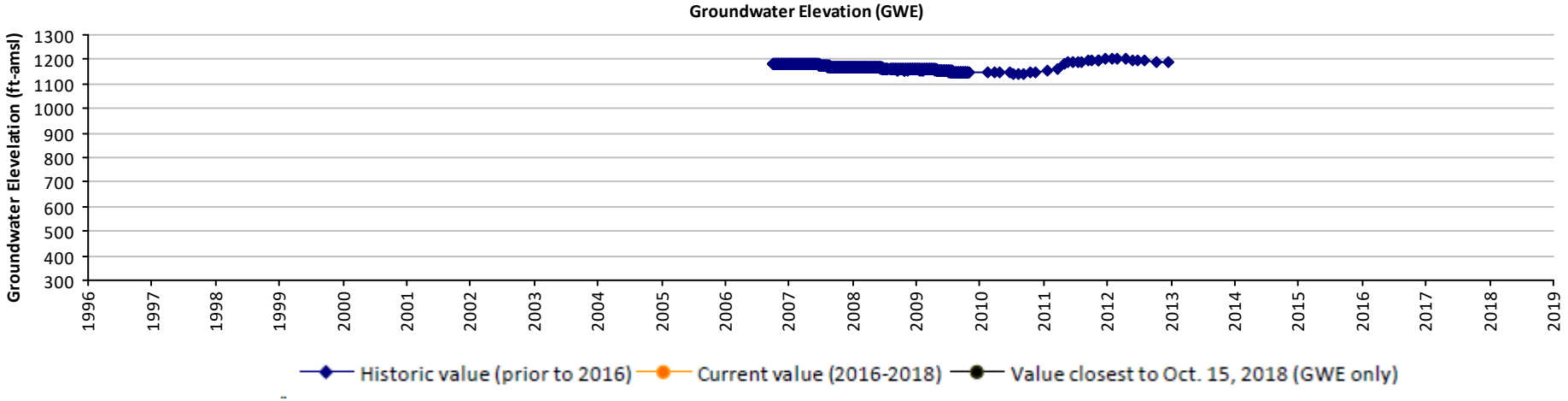
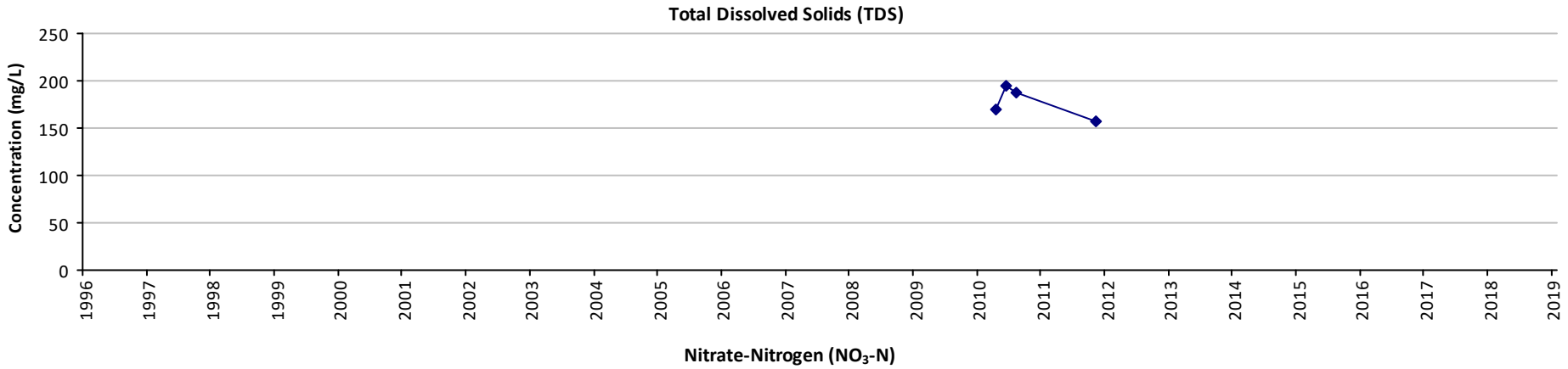
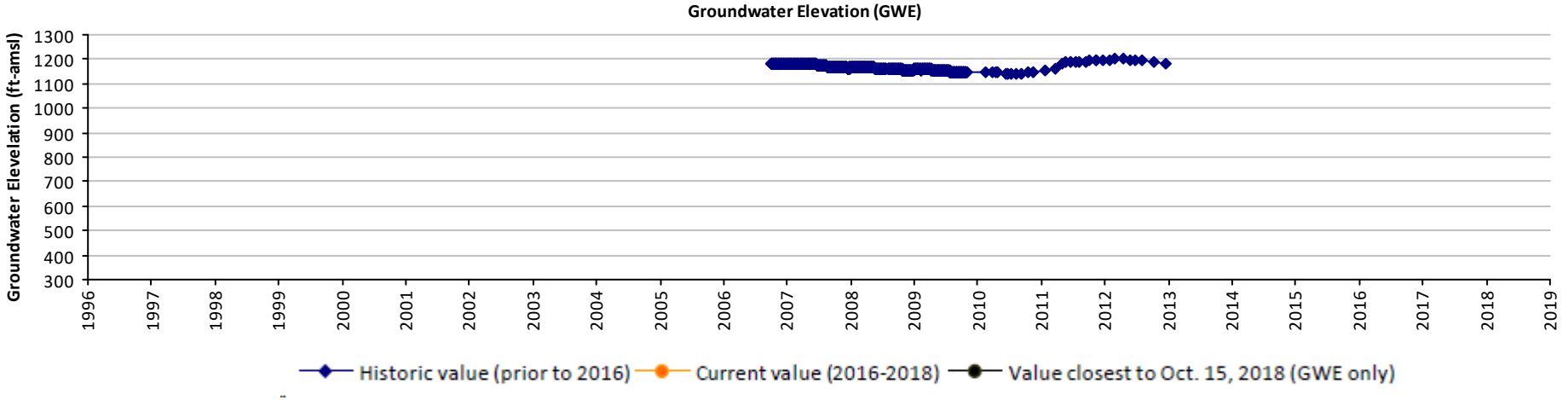
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

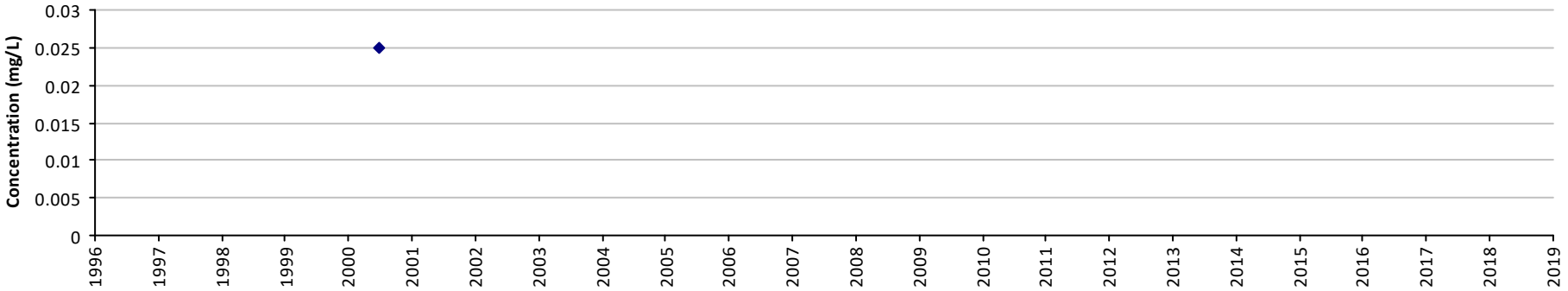

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

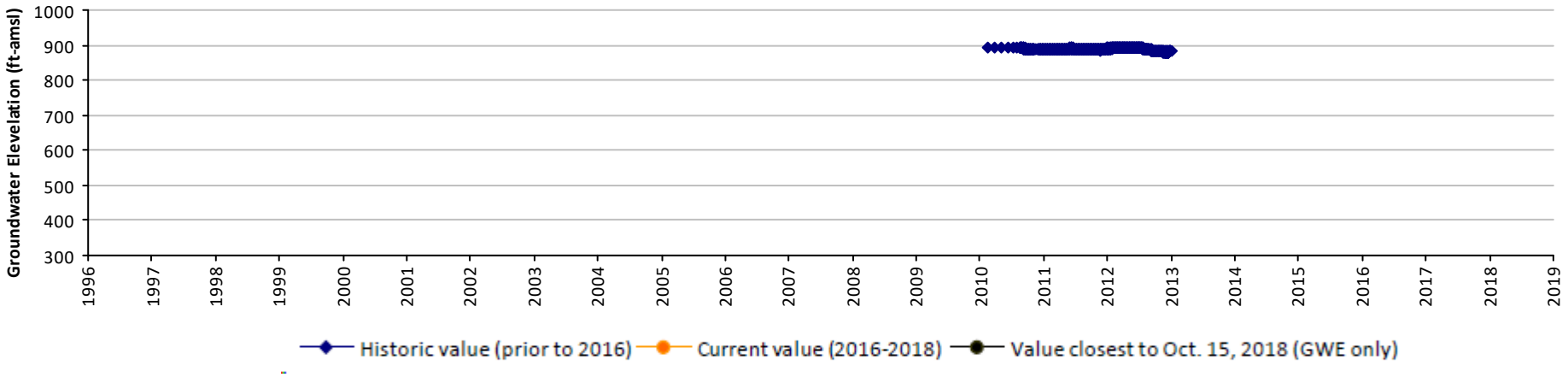

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

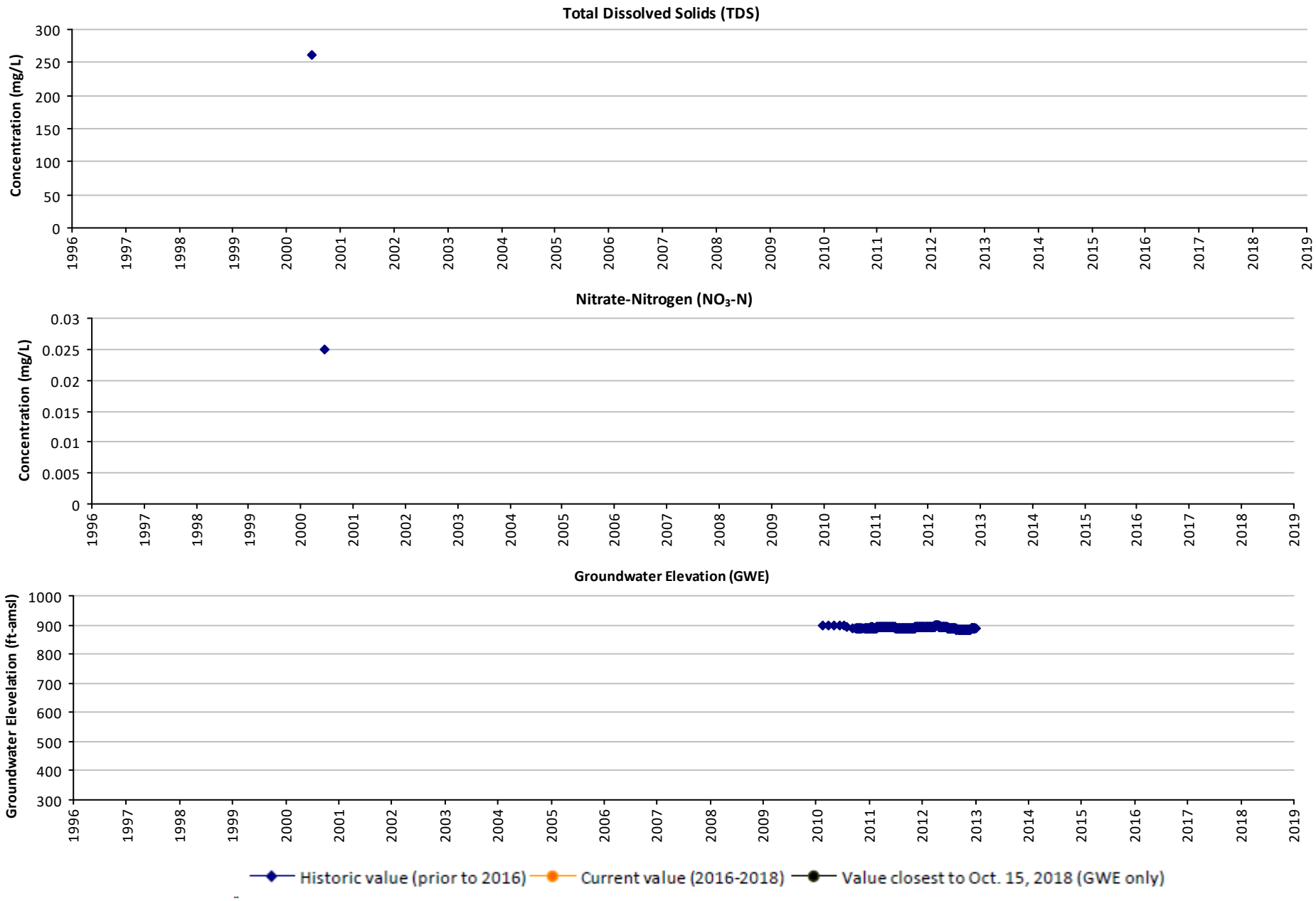
Total Dissolved Solids (TDS)

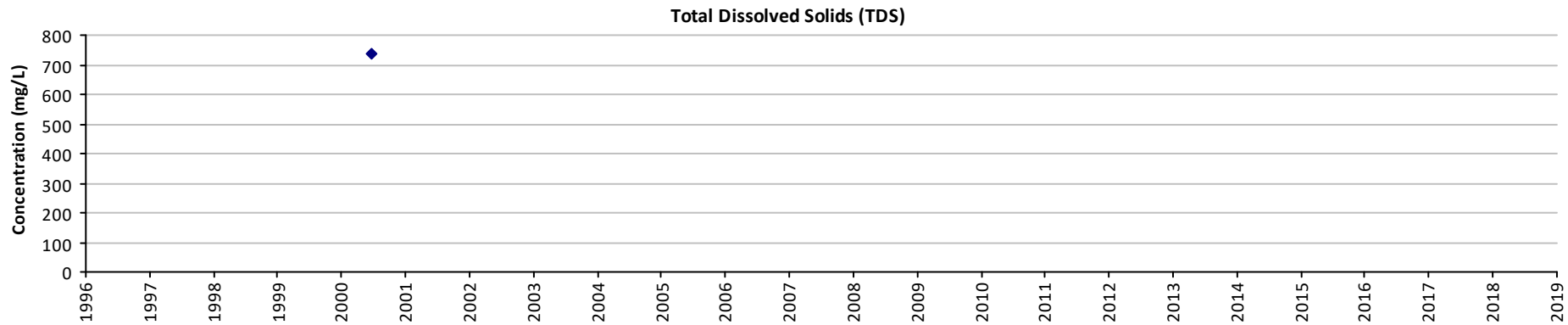
Nitrate-Nitrogen (NO_3-N)

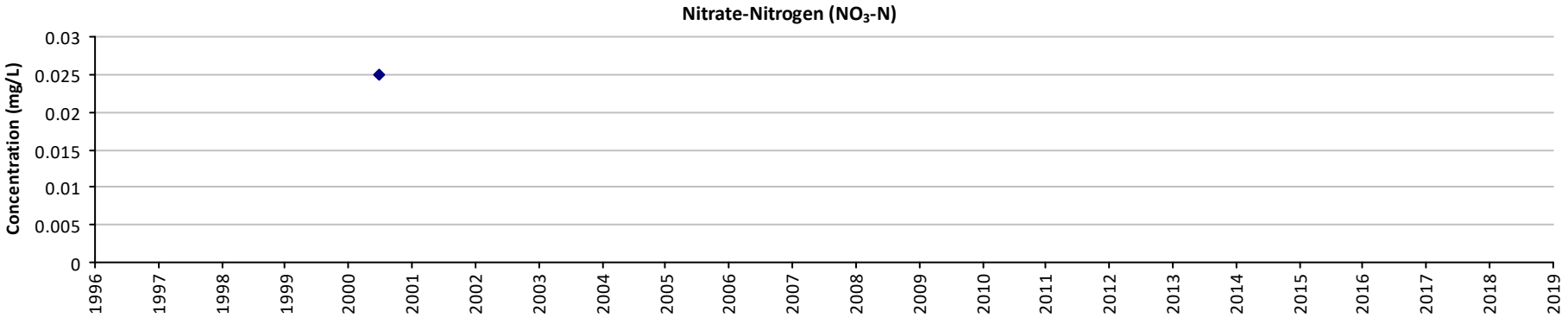


Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
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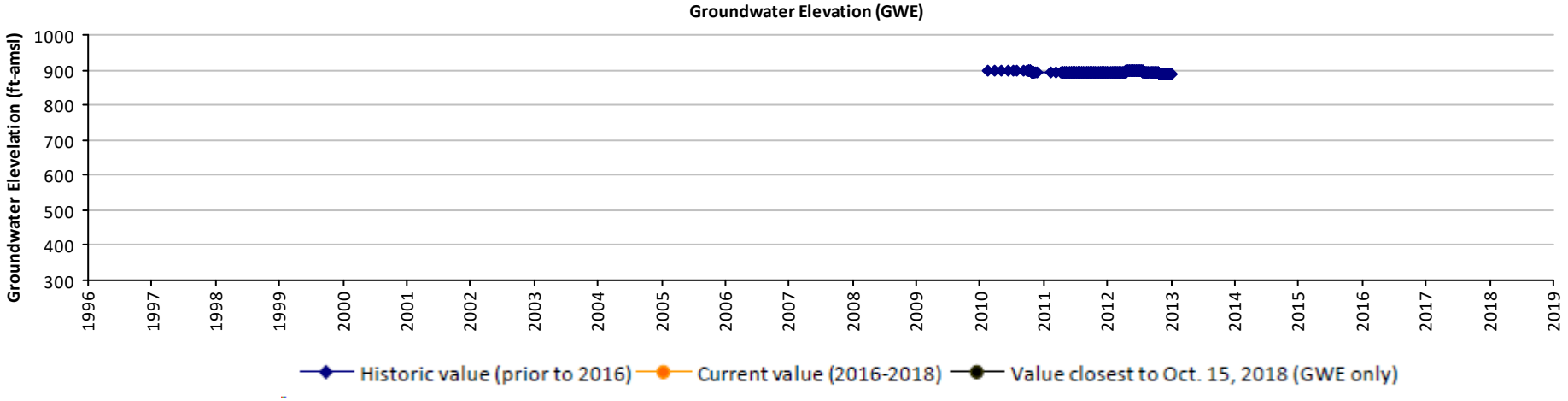
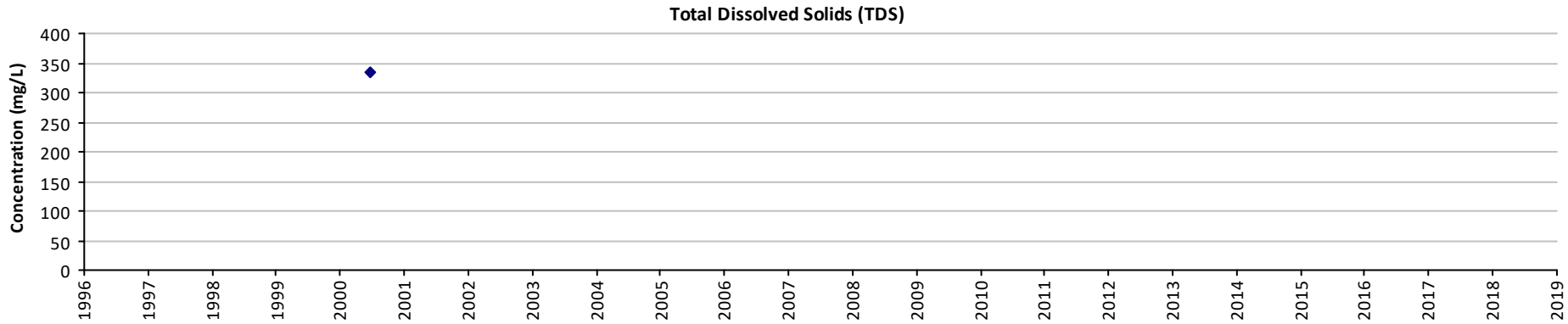
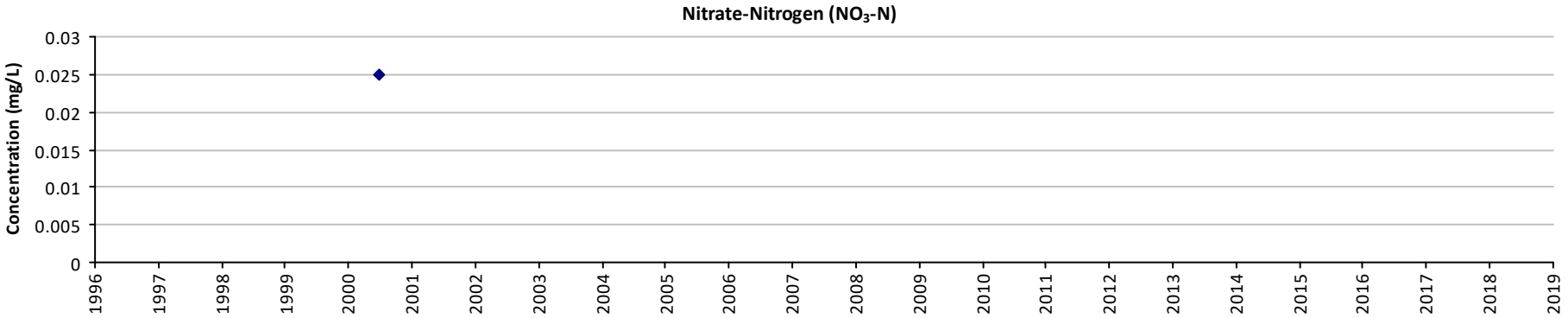
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
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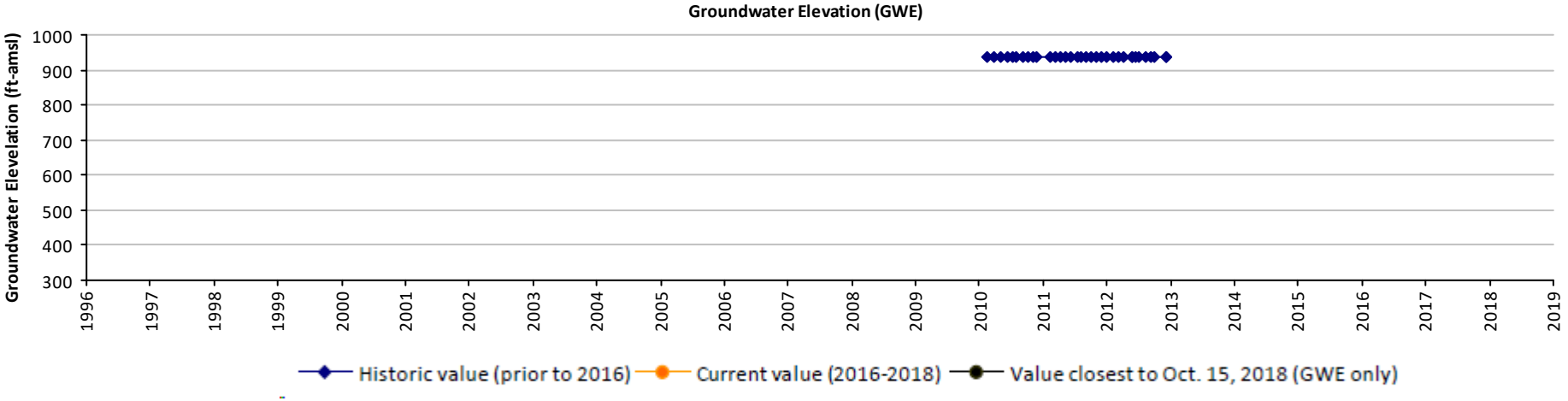
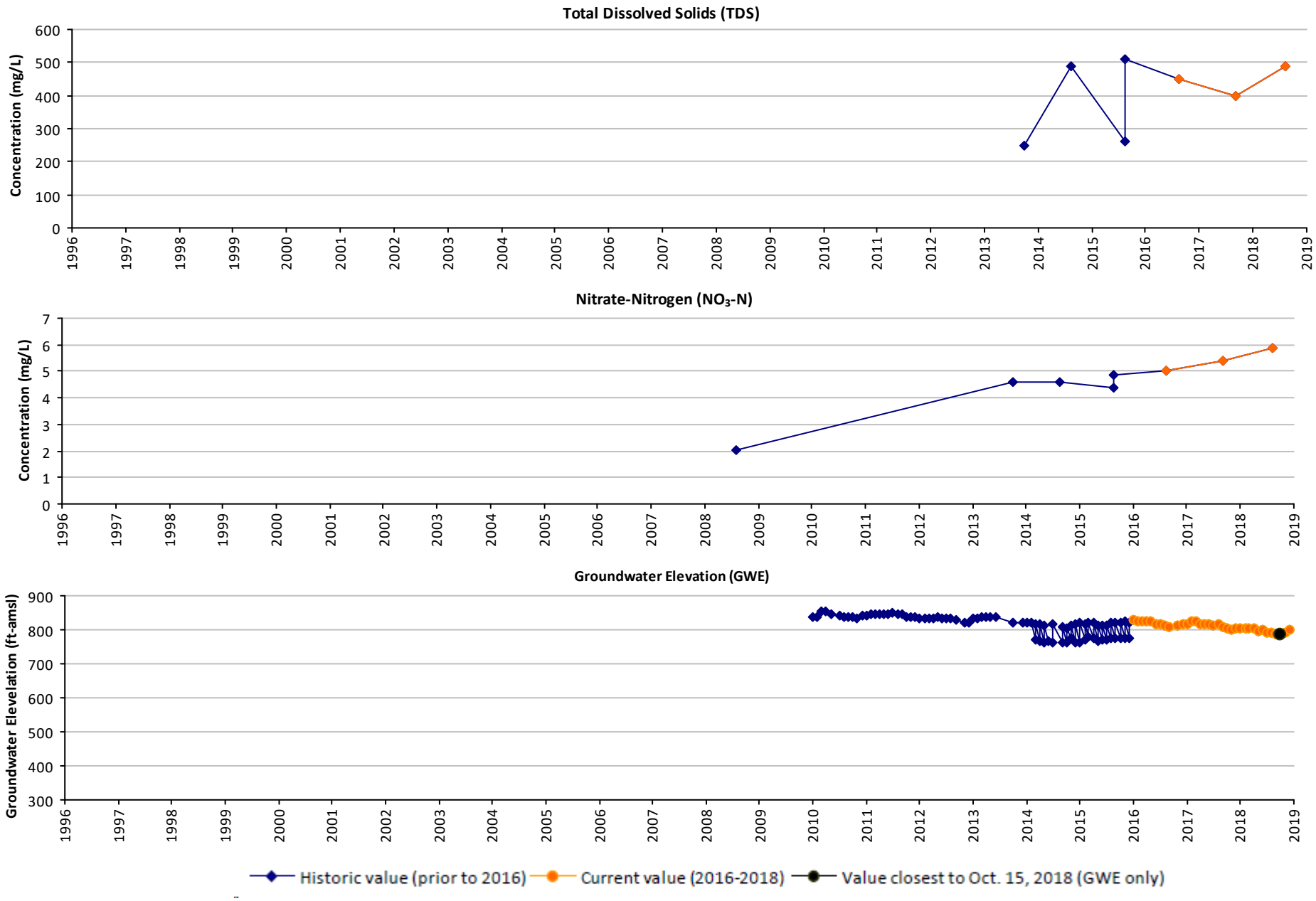
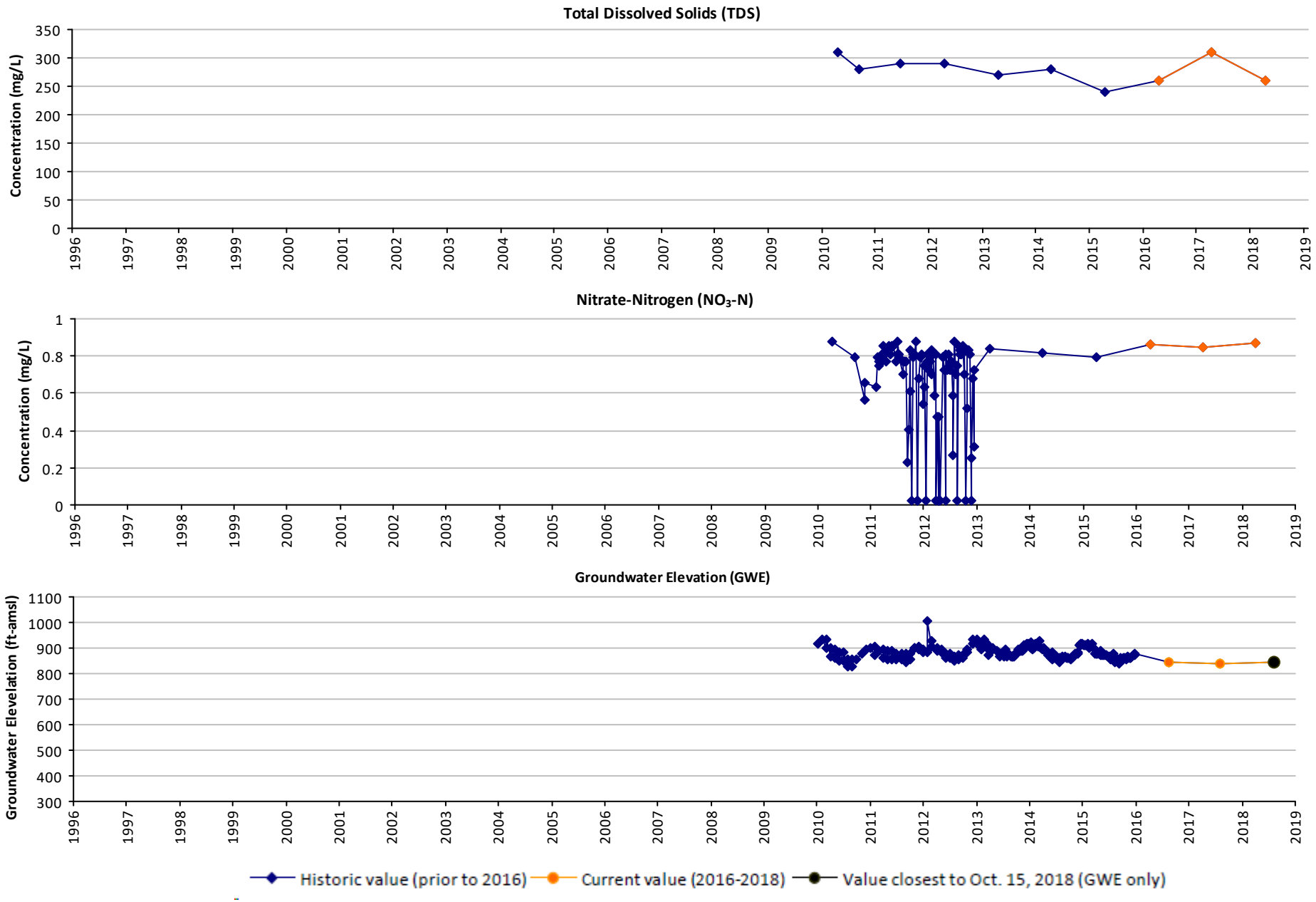
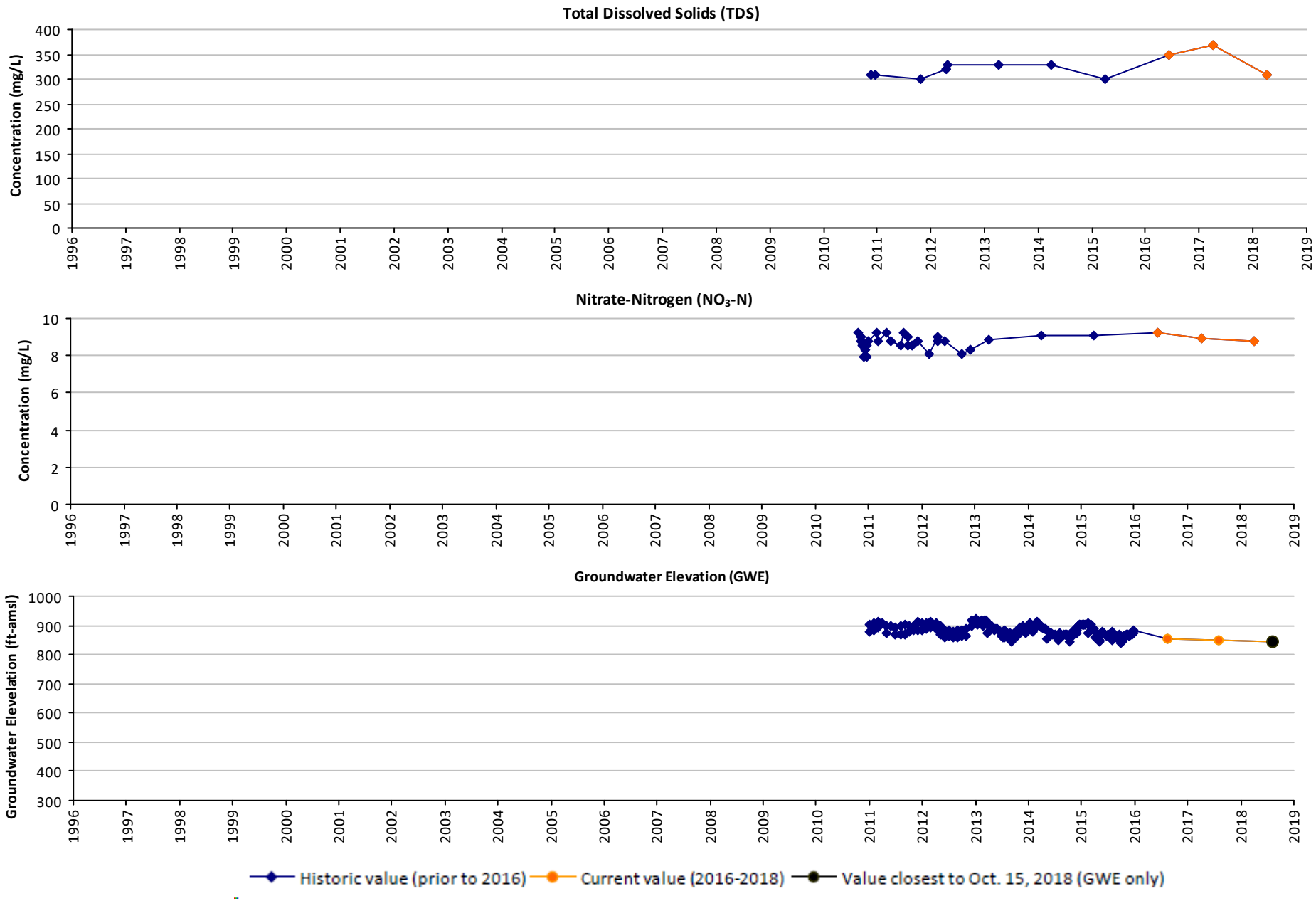
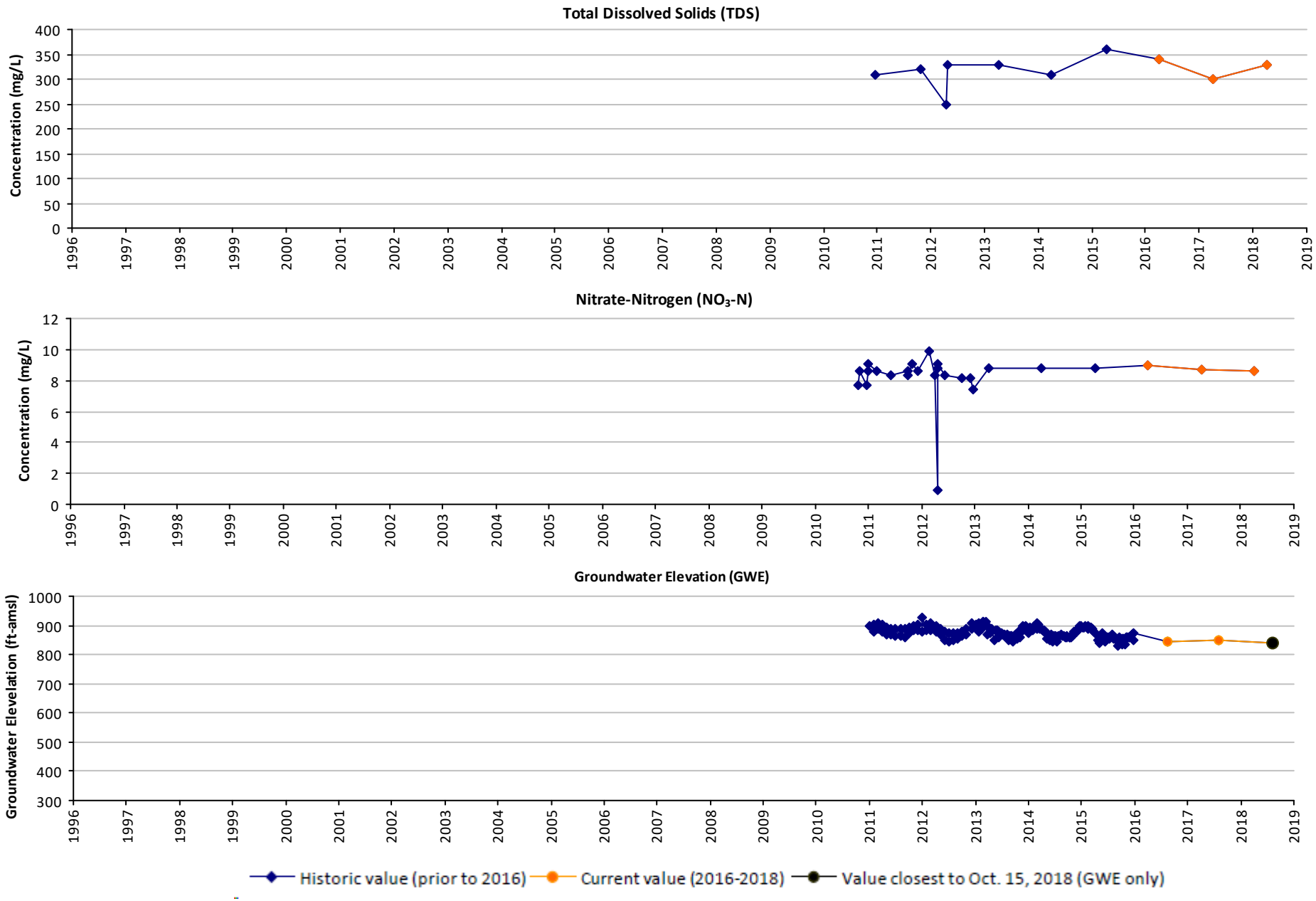
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

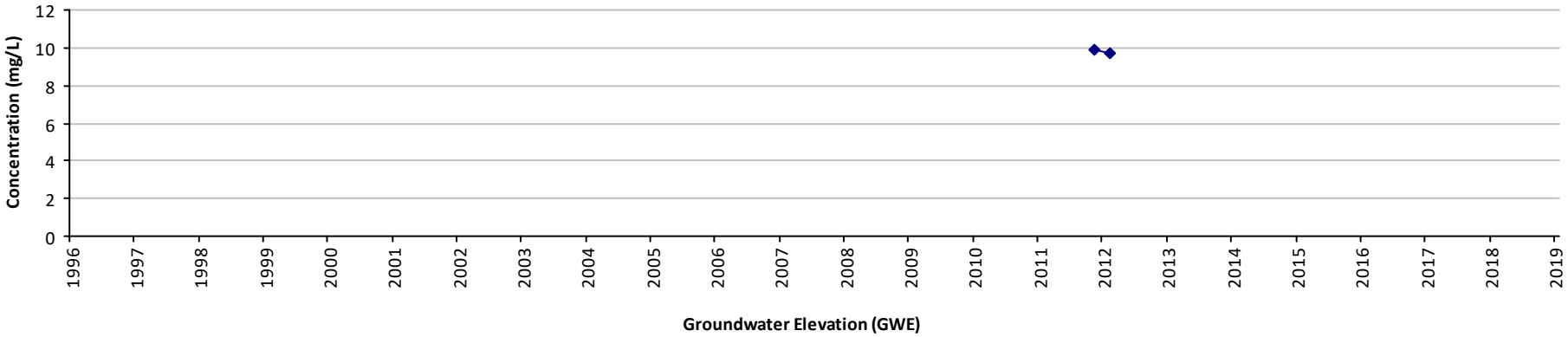

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

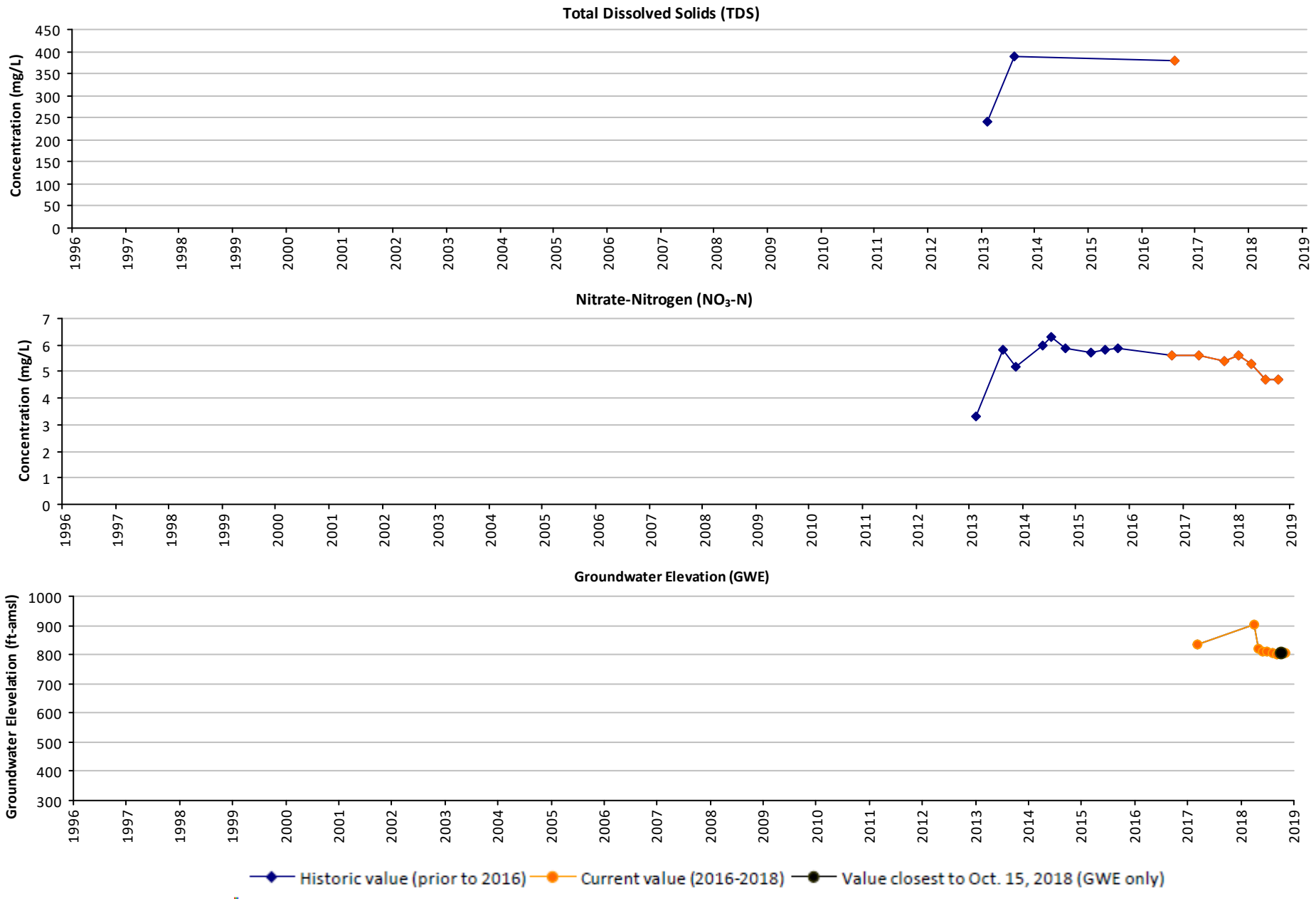

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

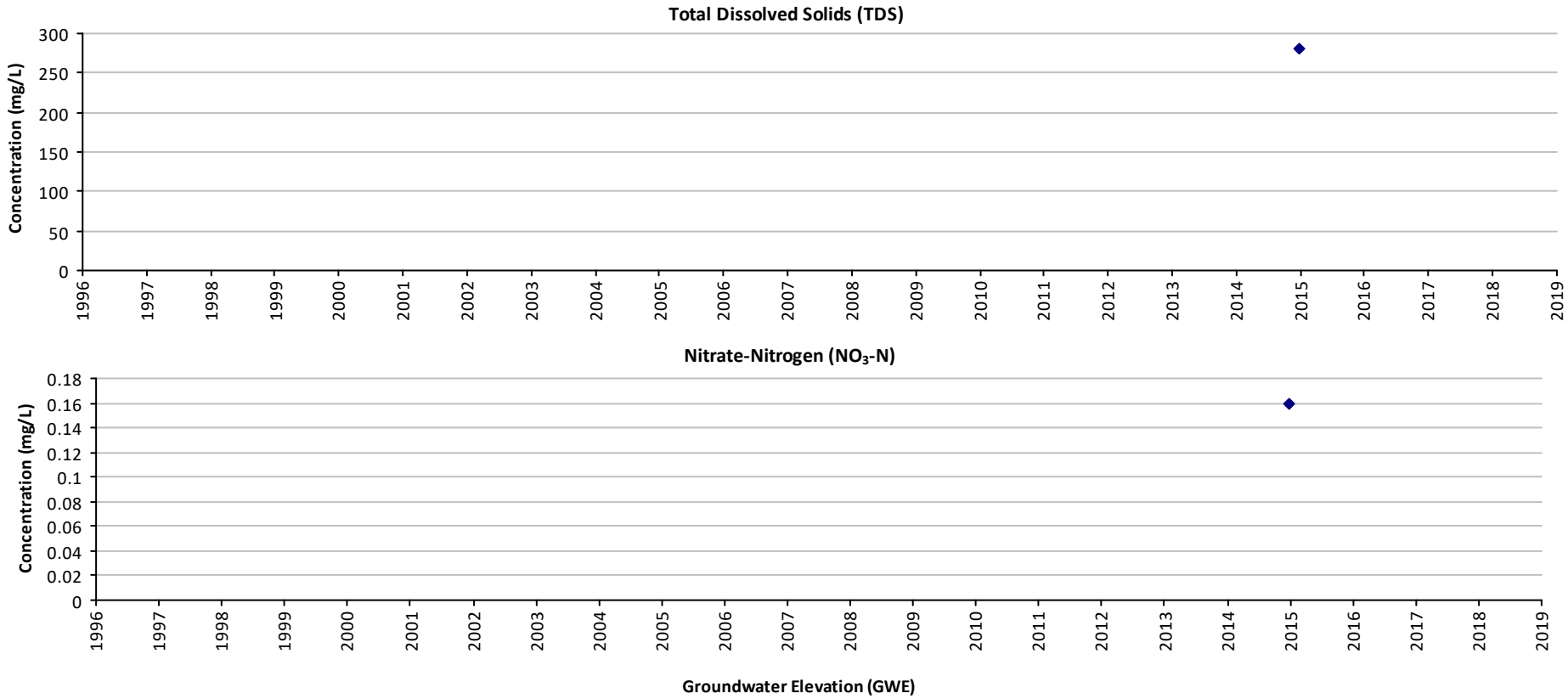
Total Dissolved Solids (TDS)

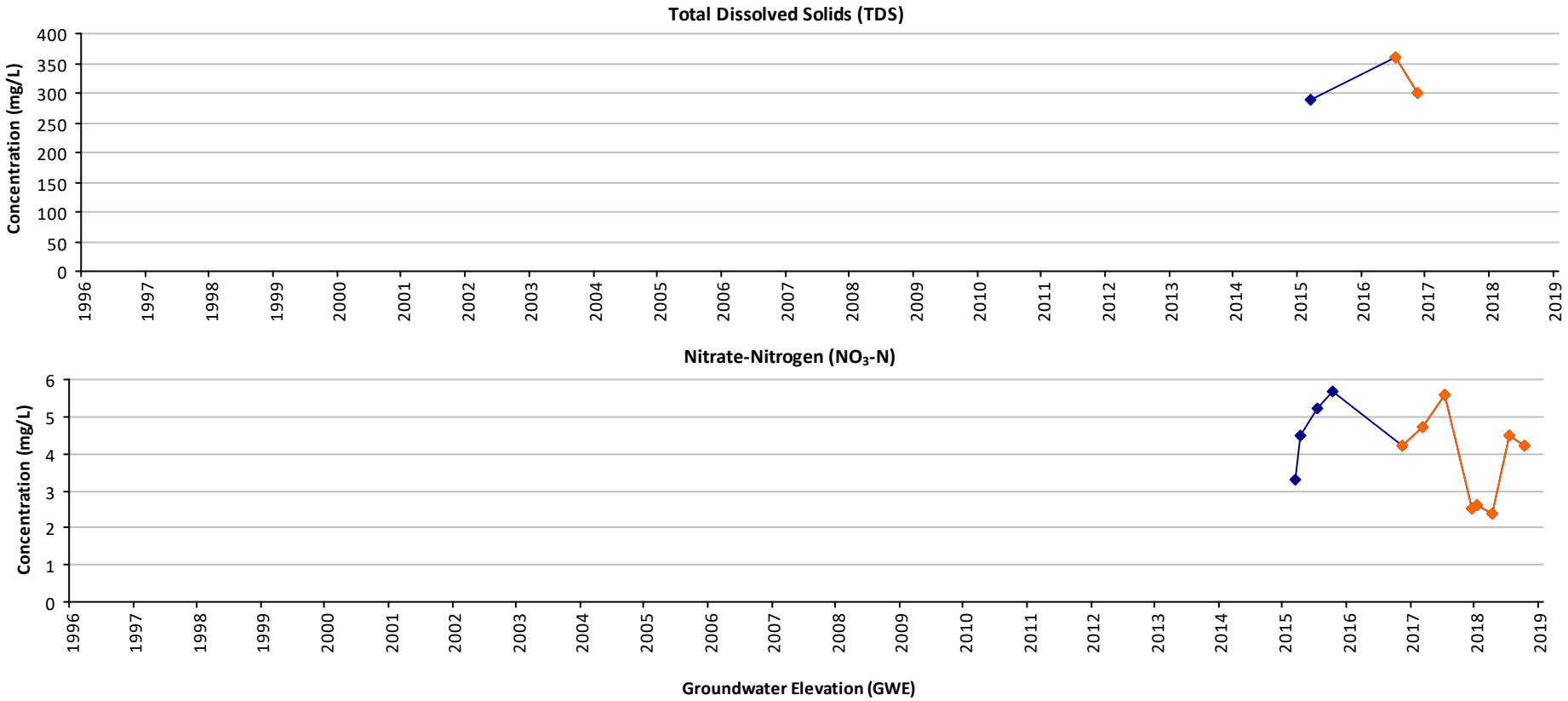
Nitrate-Nitrogen (NO_3-N)

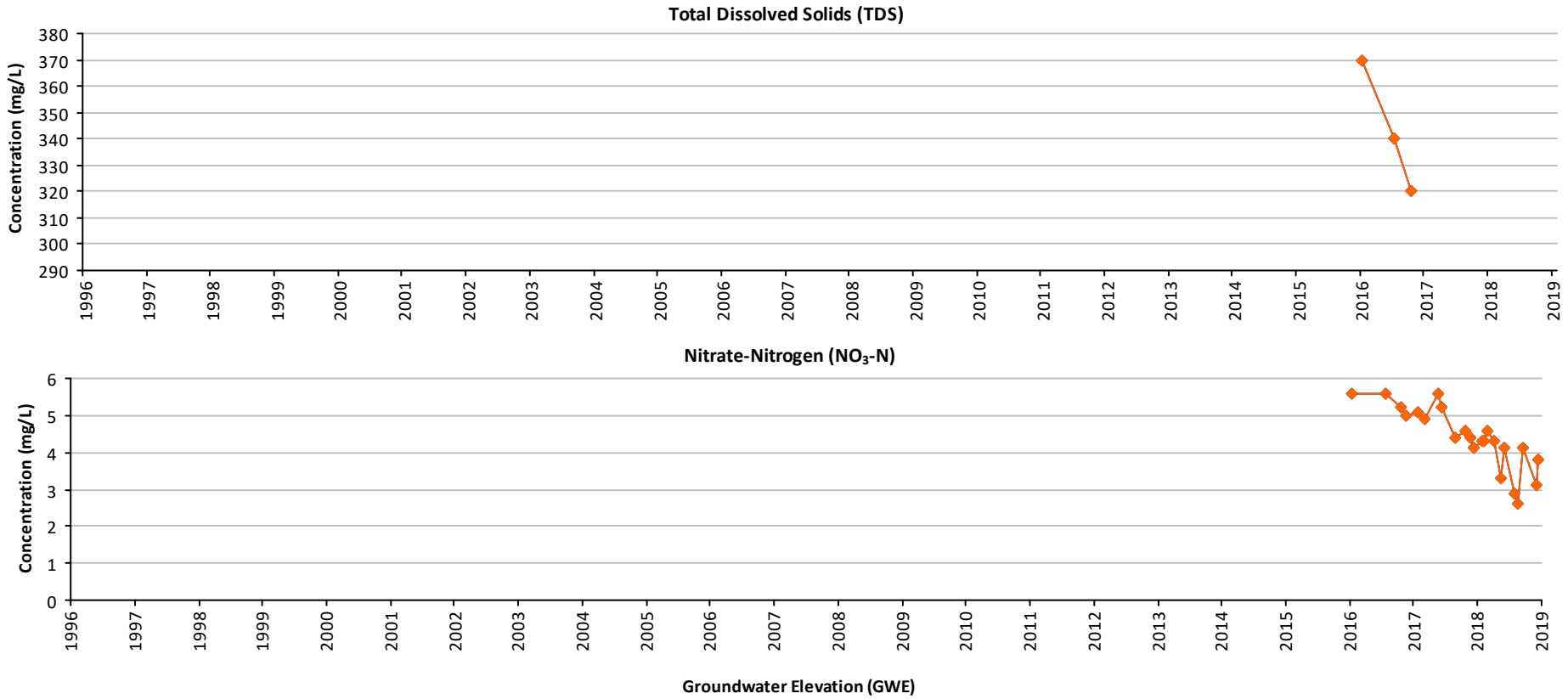


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

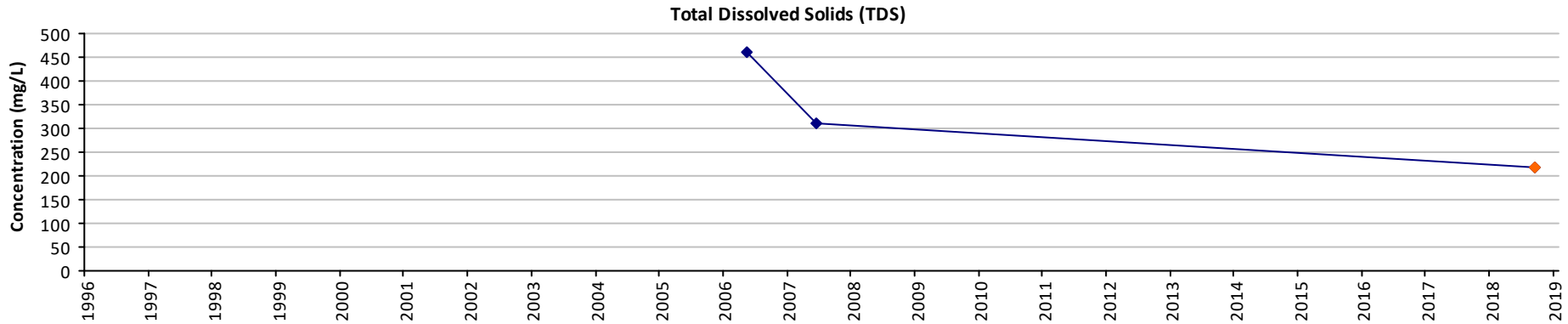

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

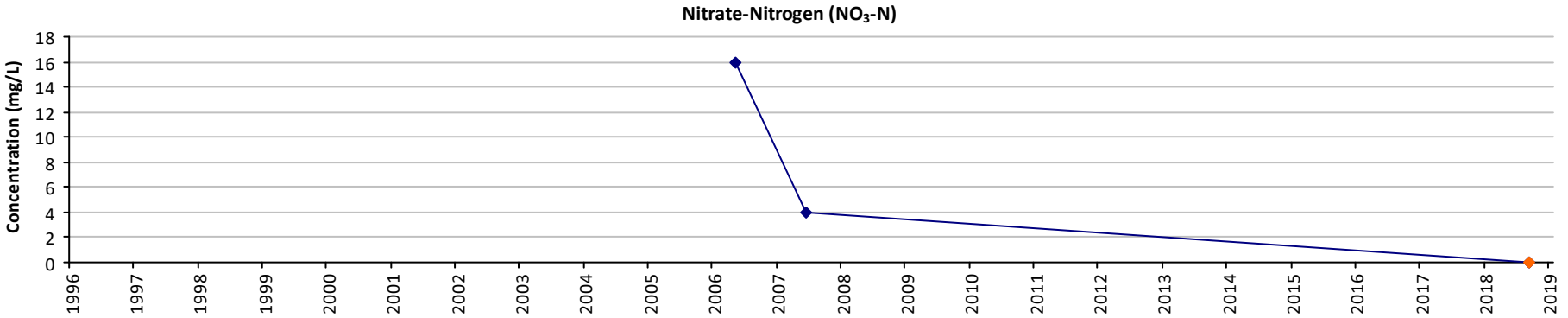

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

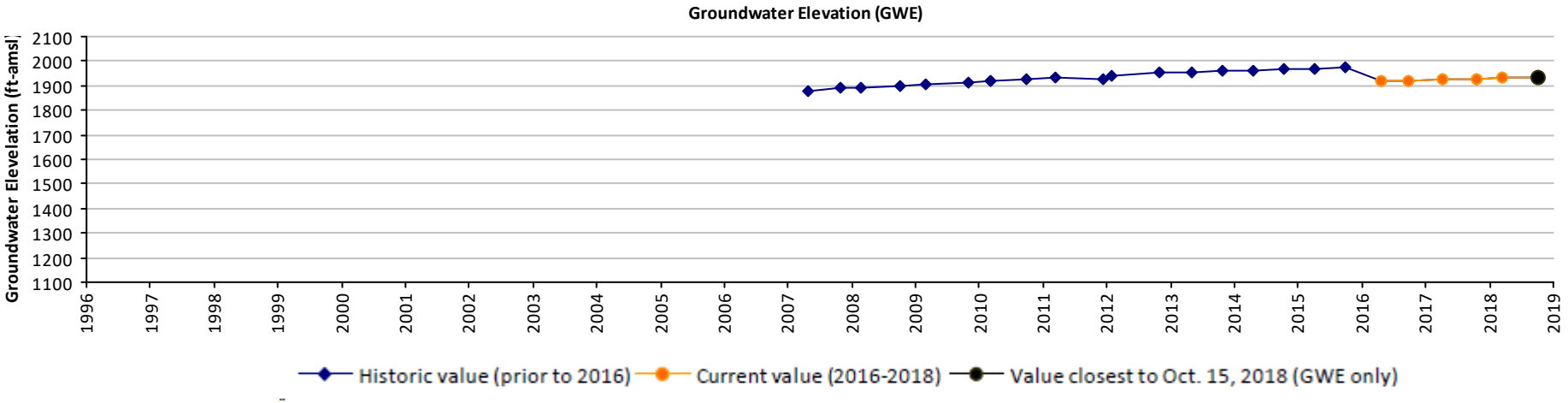

Total Dissolved Solids (TDS)
Concentration (mg/L)
380
370
360
350
340
330
320
310
300
290
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

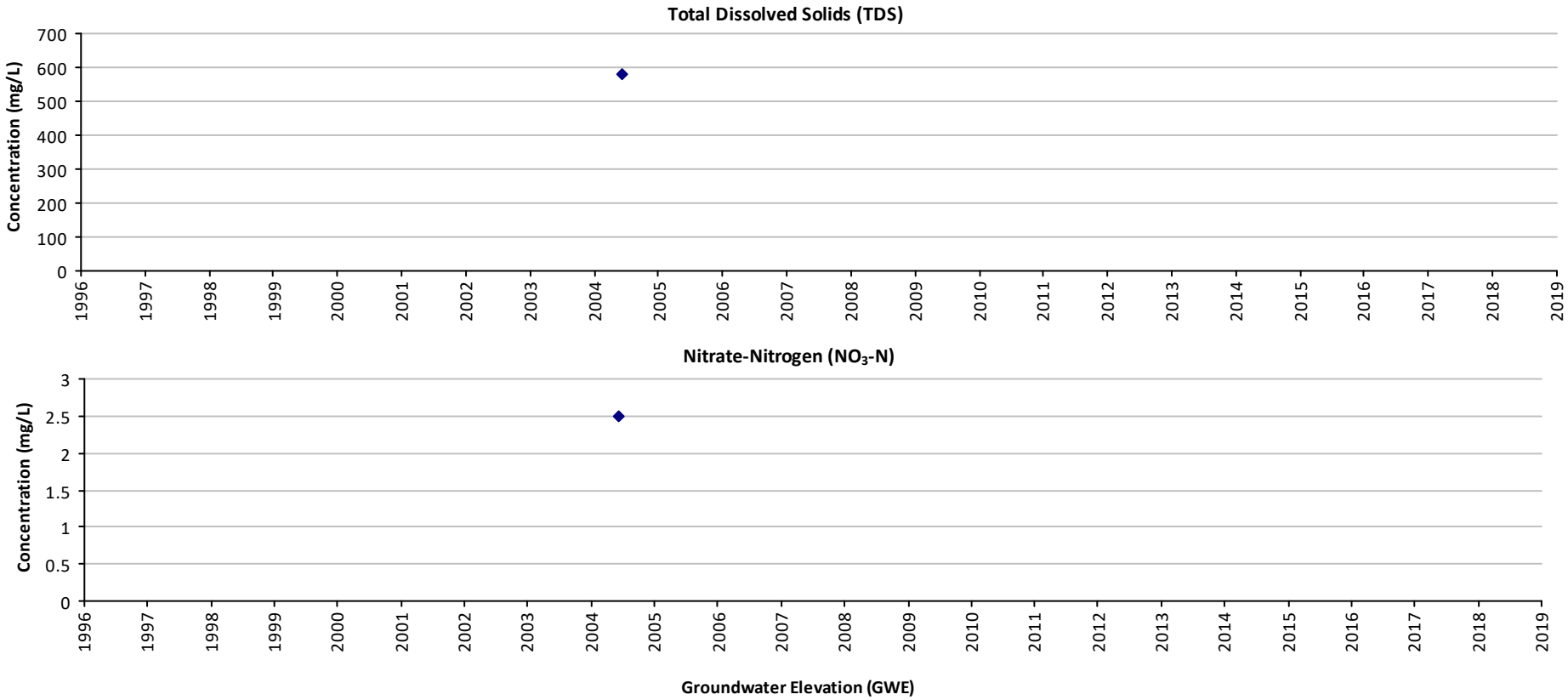
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

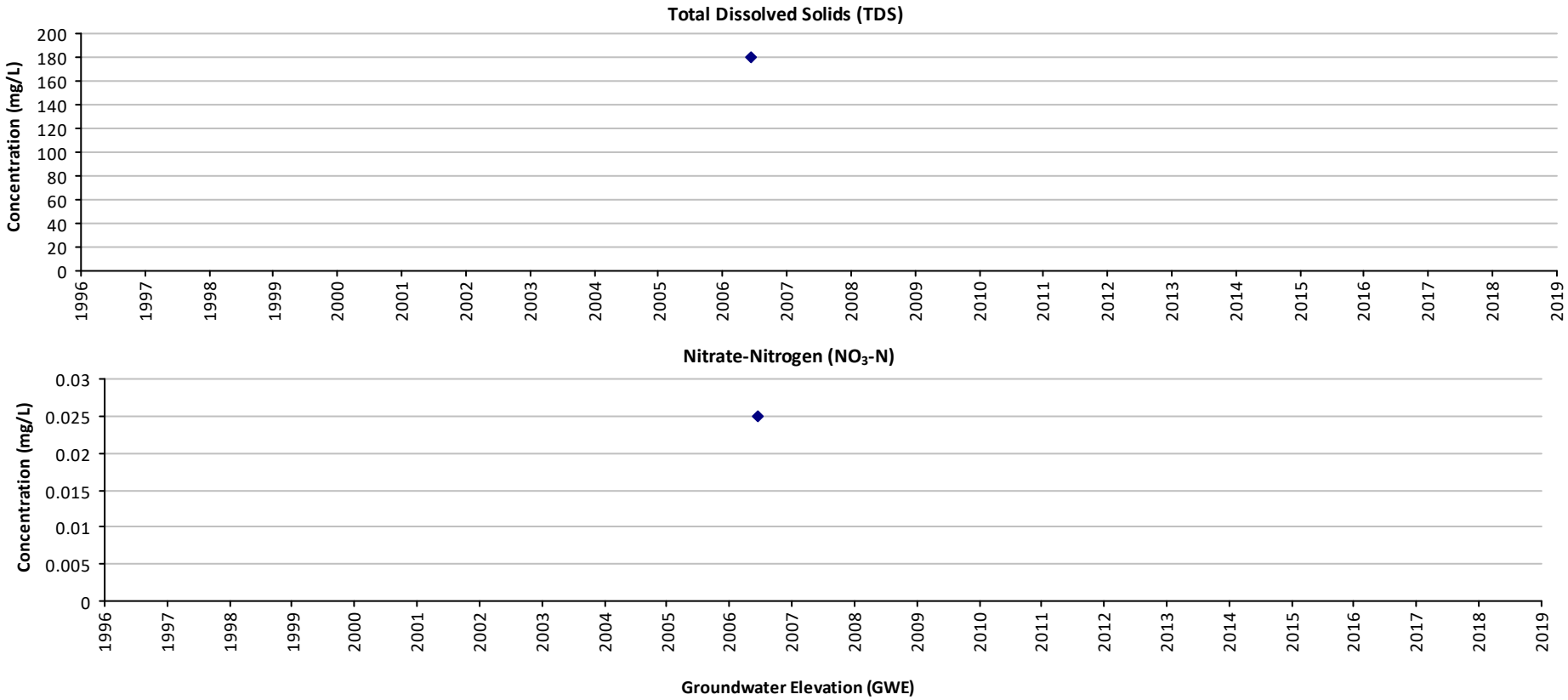
Well ID: 1210398
Management Zone: Canyon

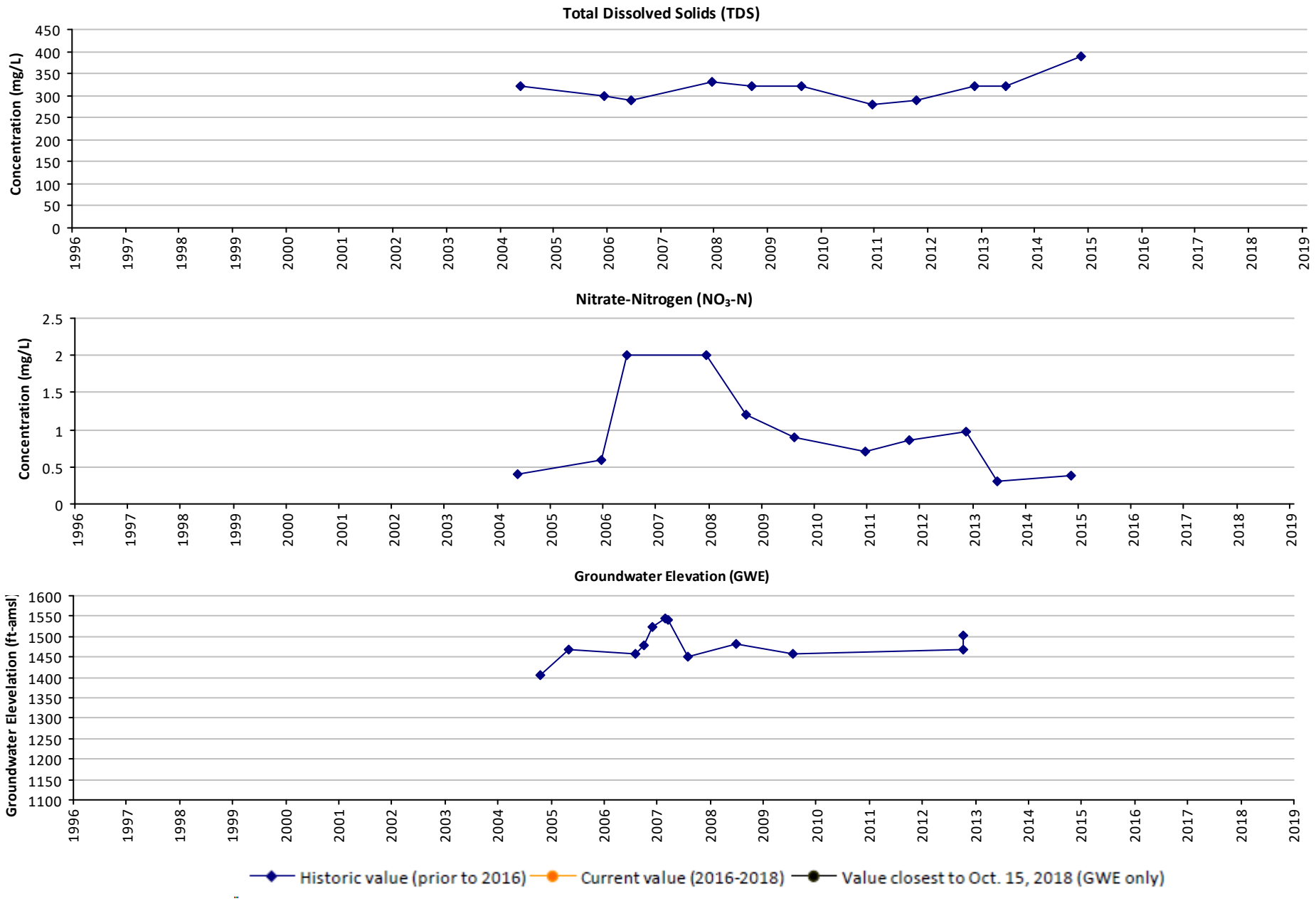


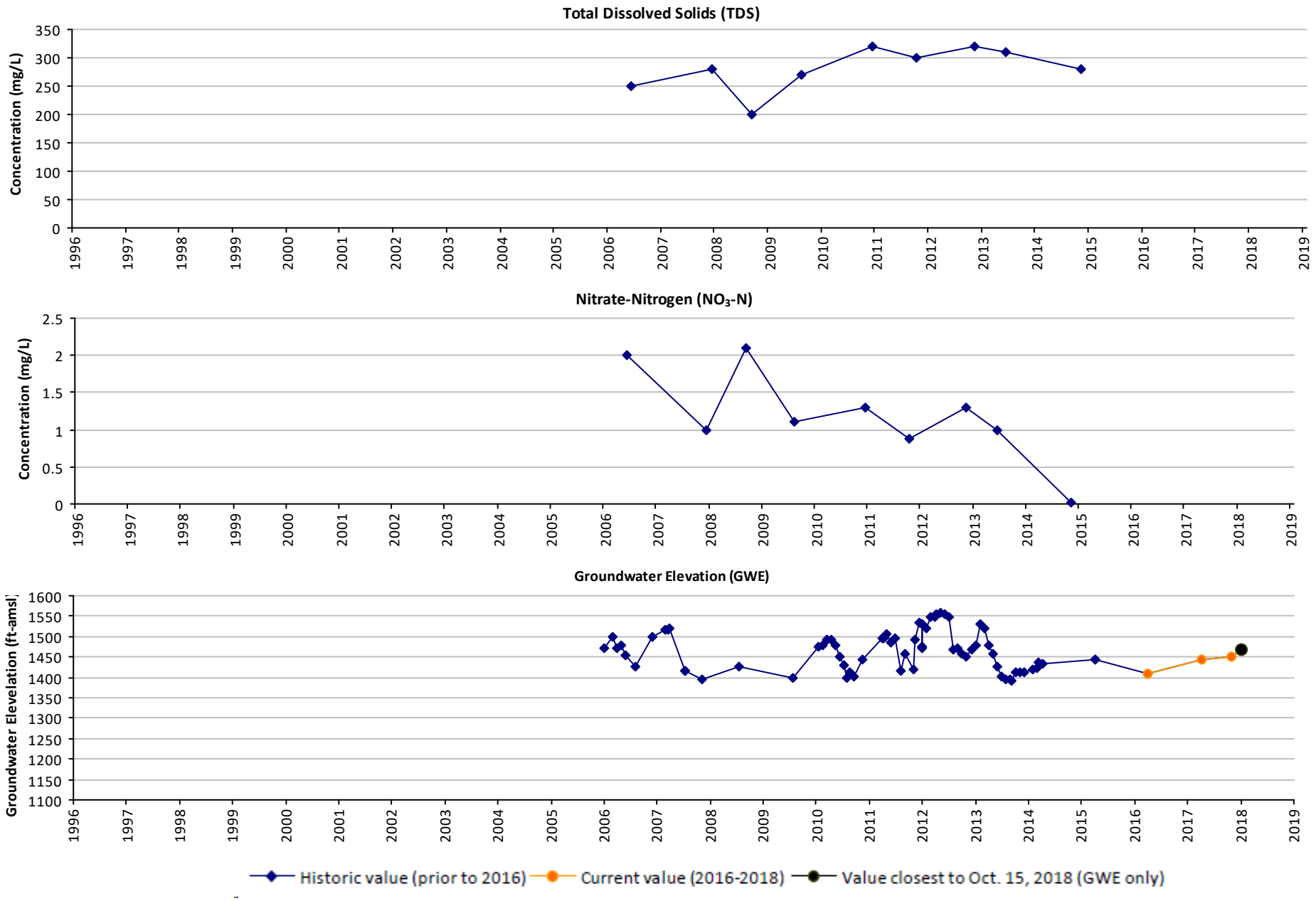


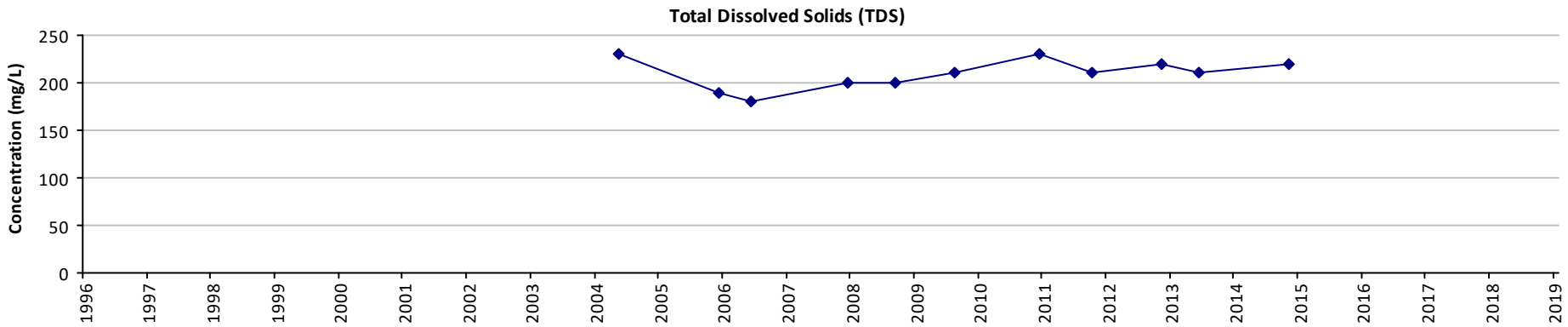


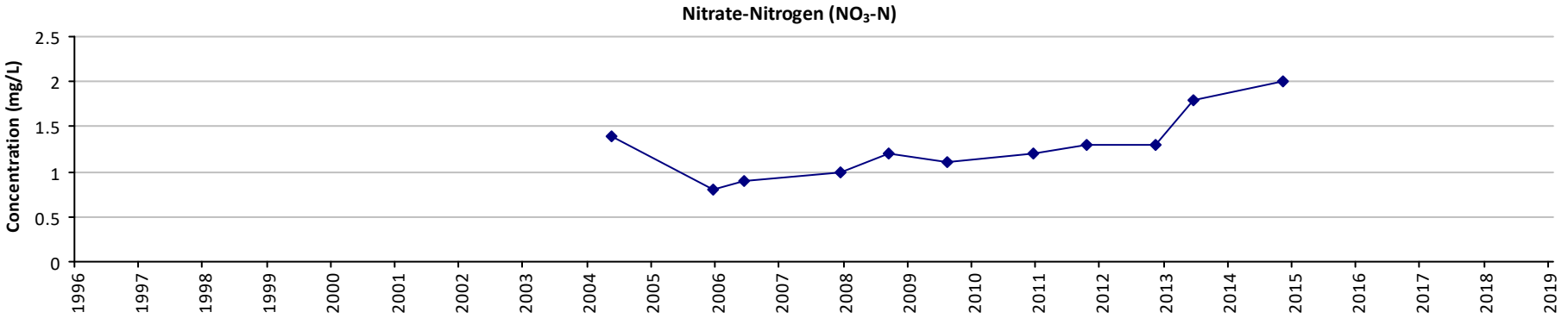

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

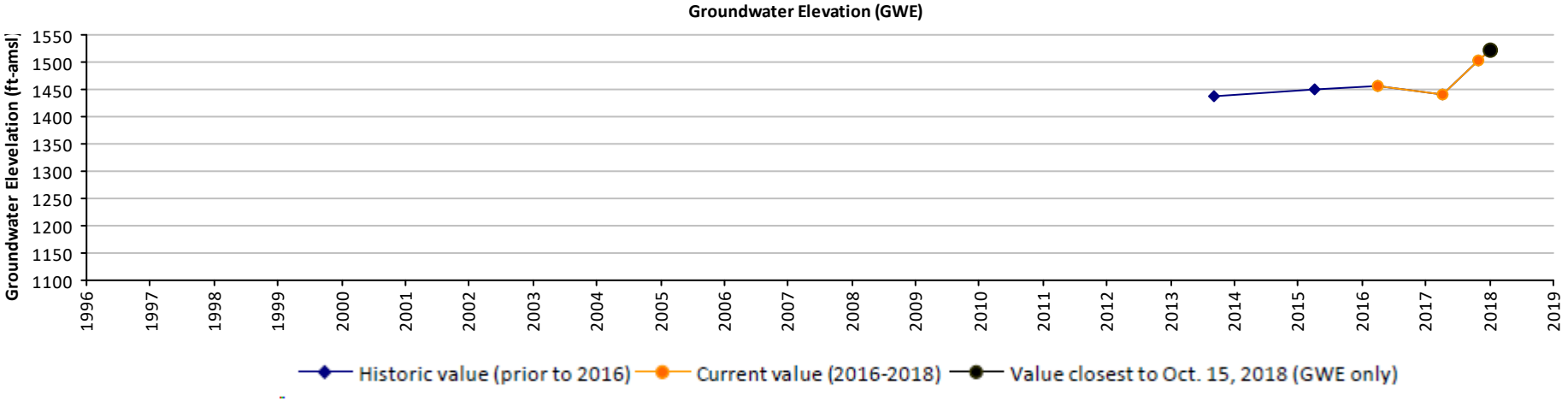

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

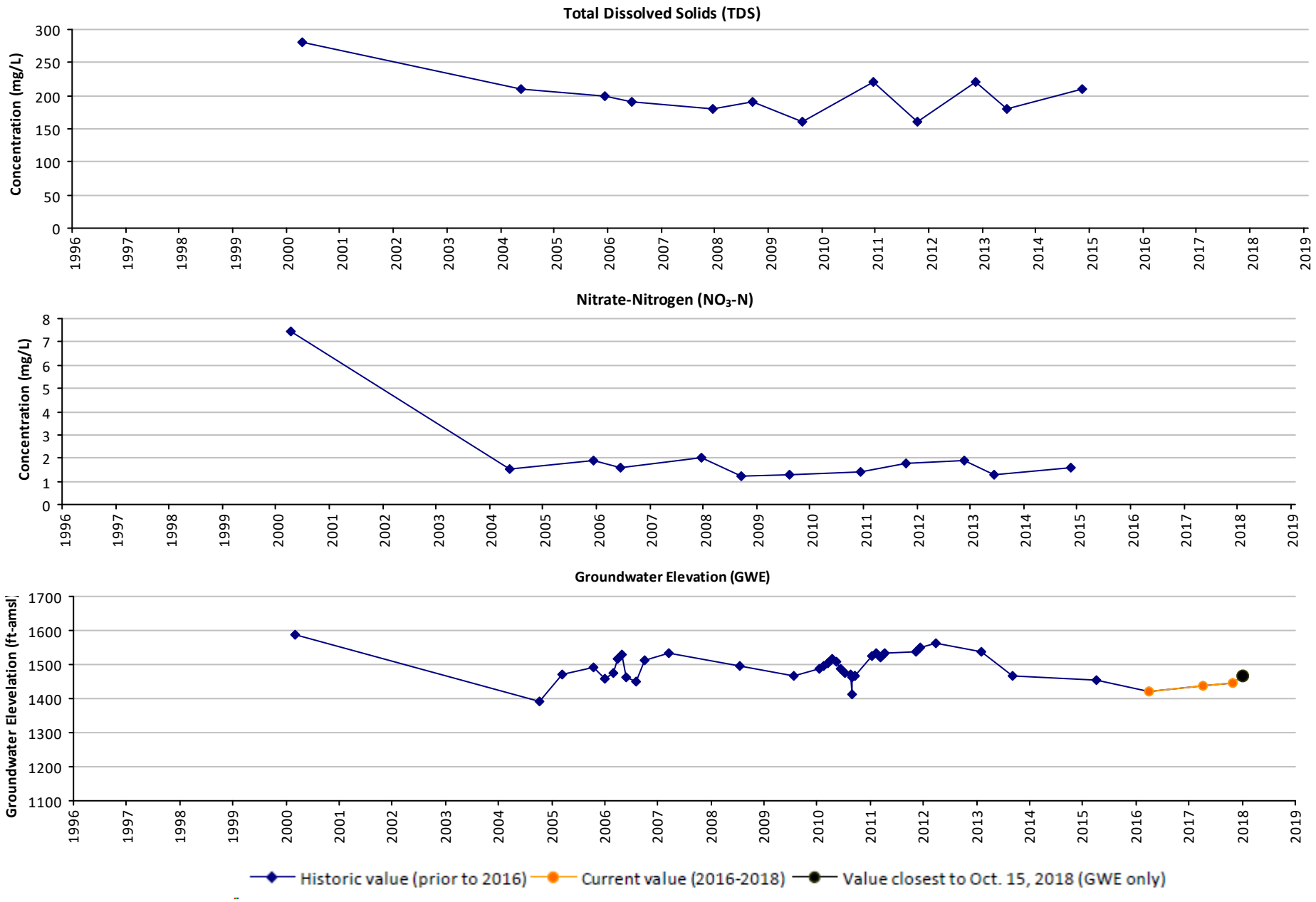

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

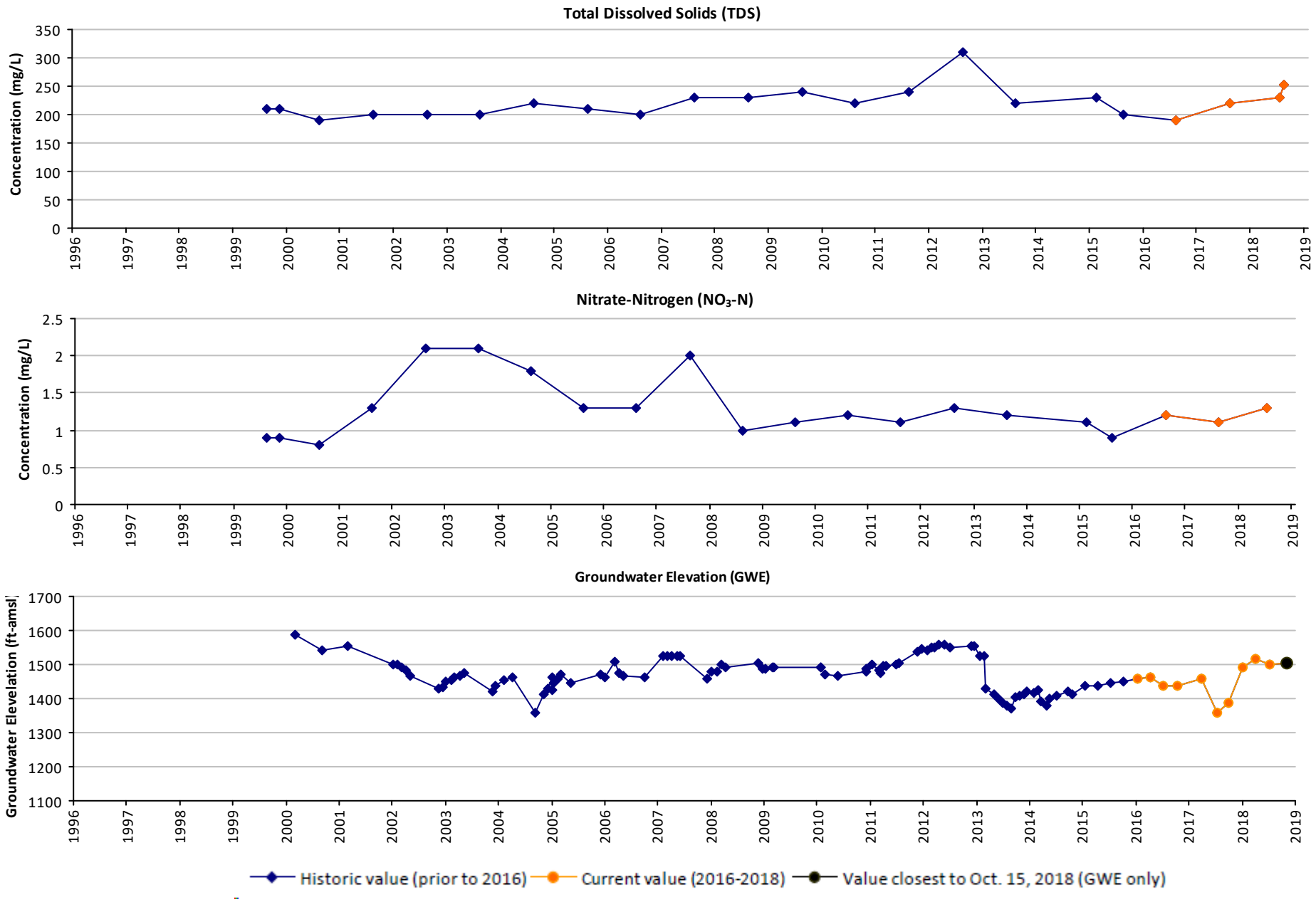

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

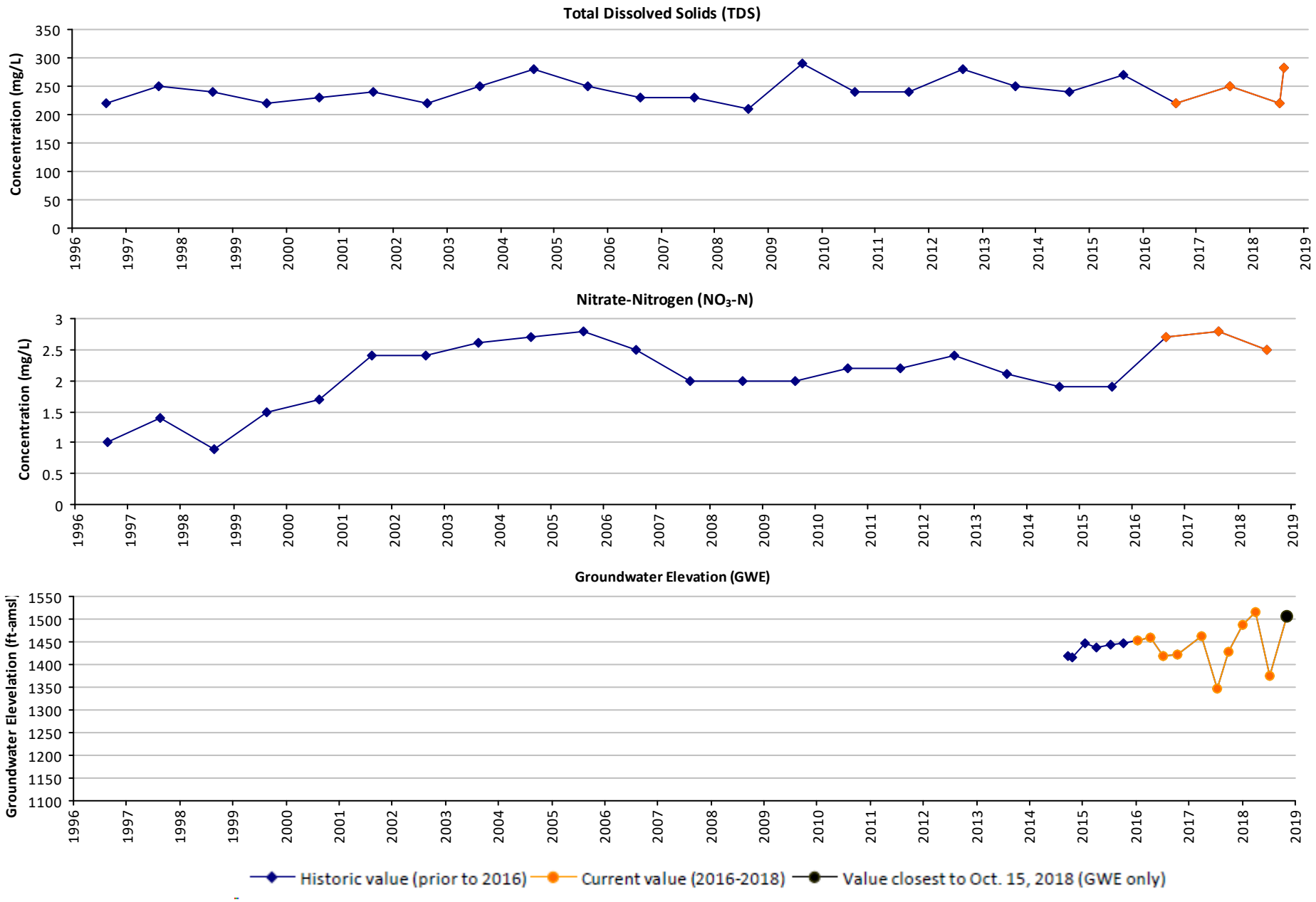

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

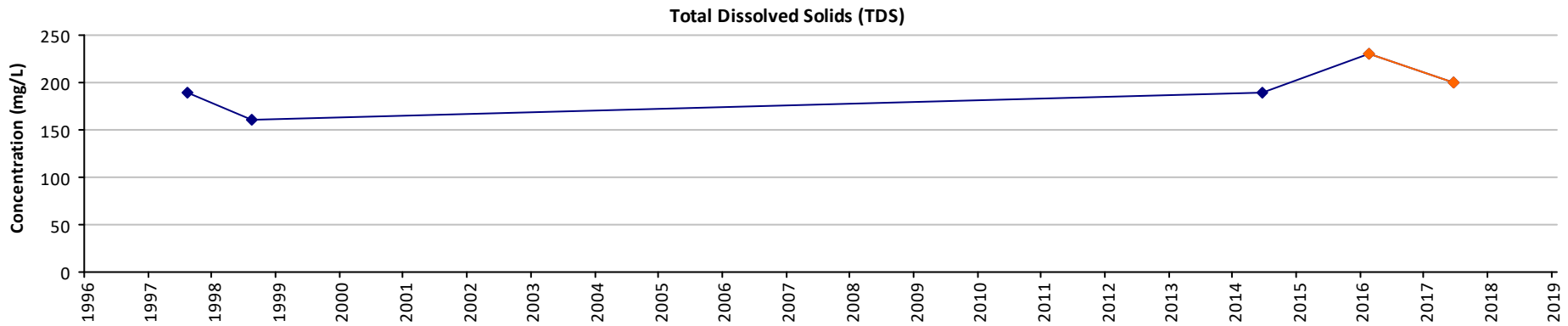

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

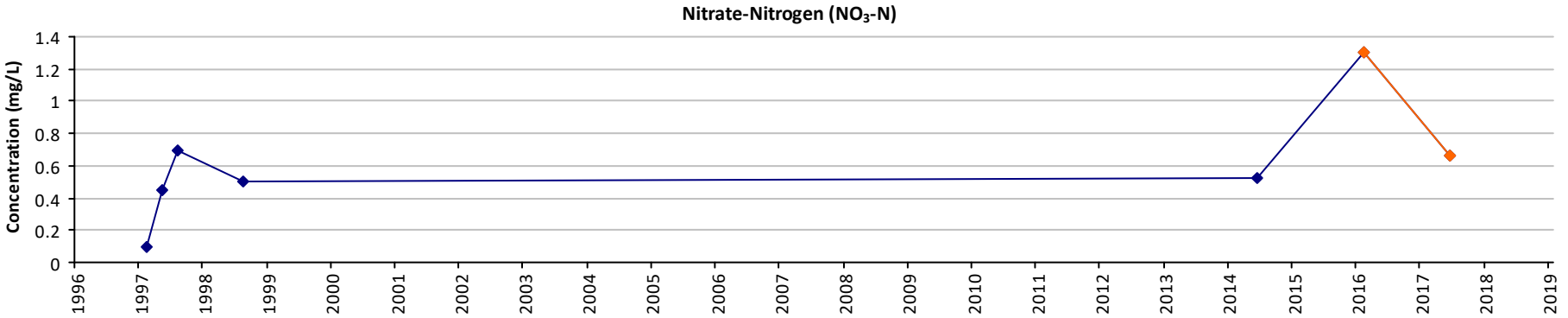

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1550
1500
1450
1400
1350
1300
1250
1200
1150
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

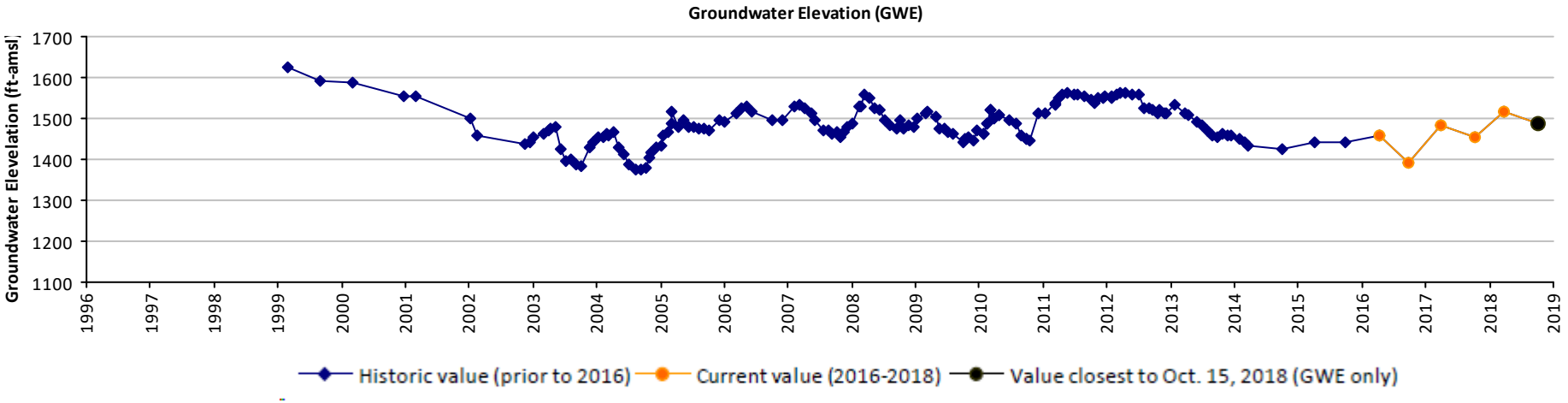

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

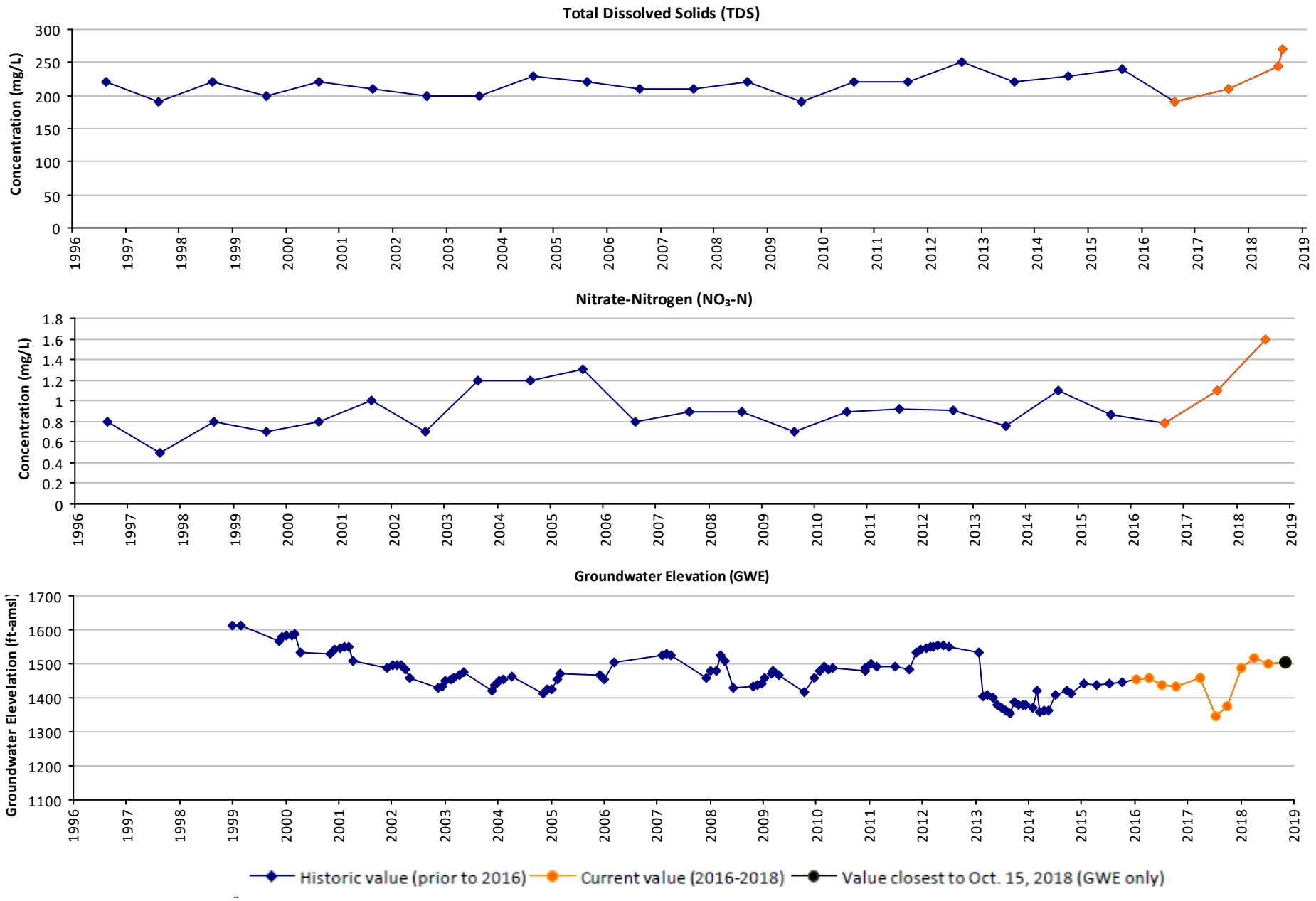

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
1500
1600
1700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

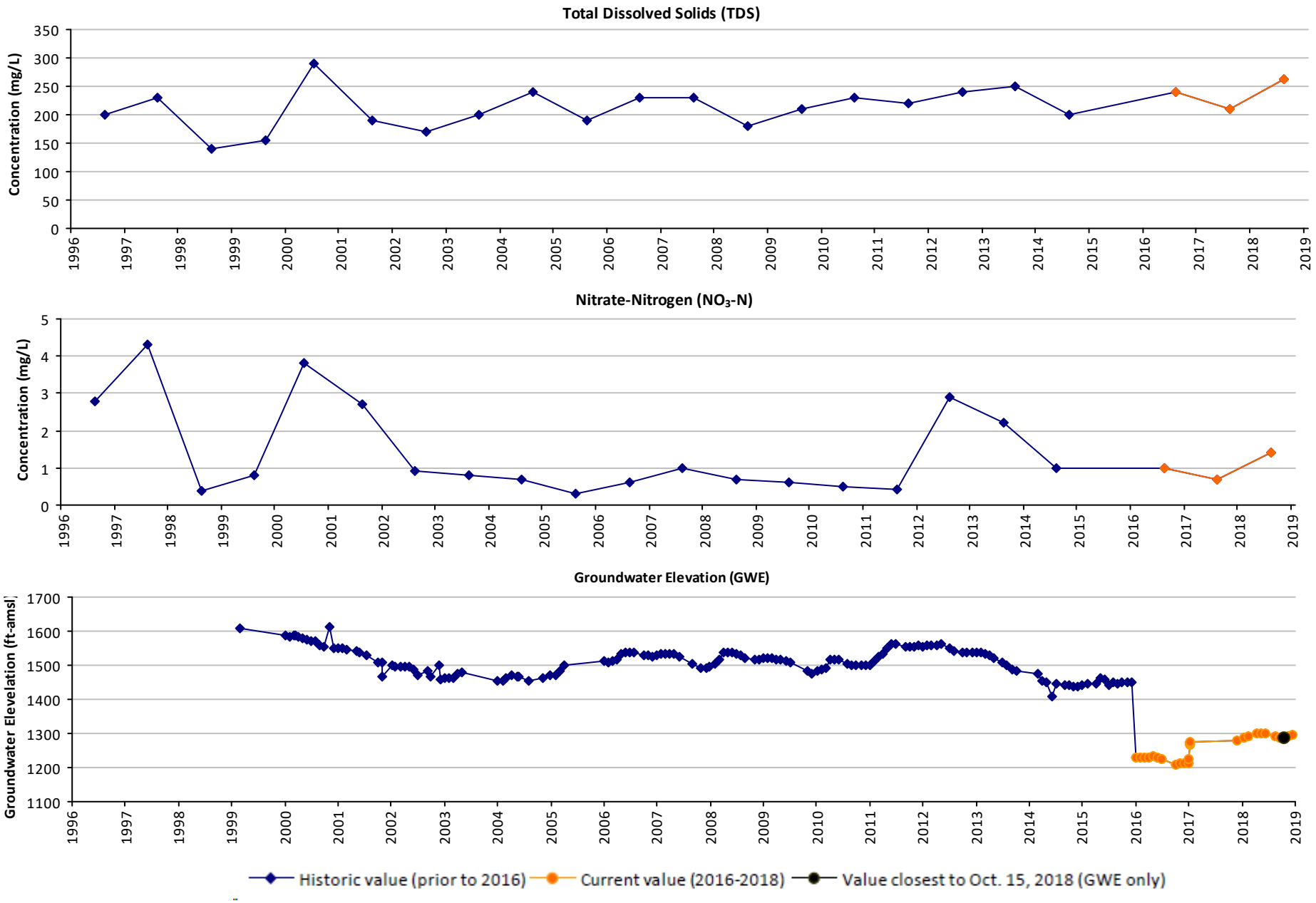

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

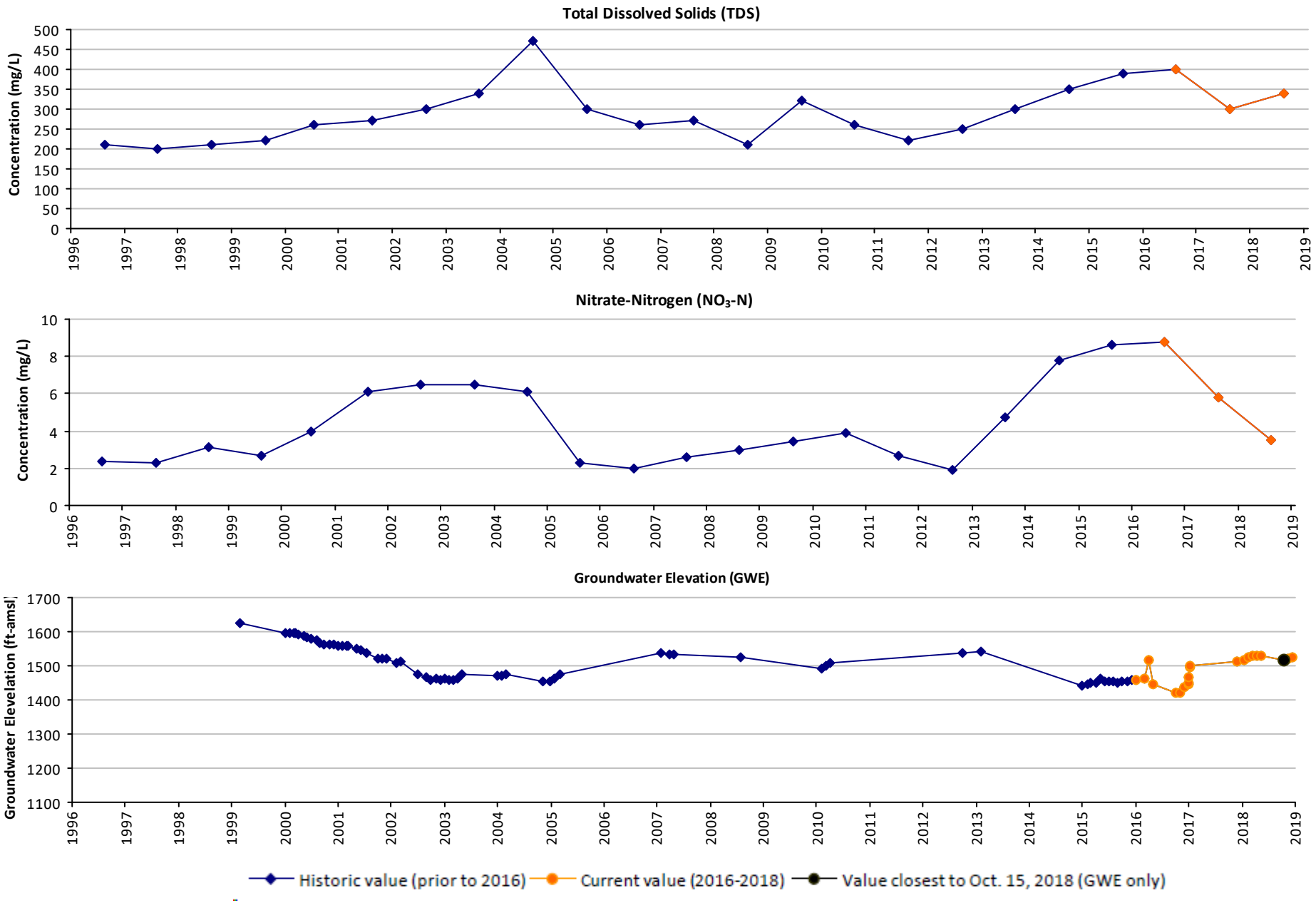

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

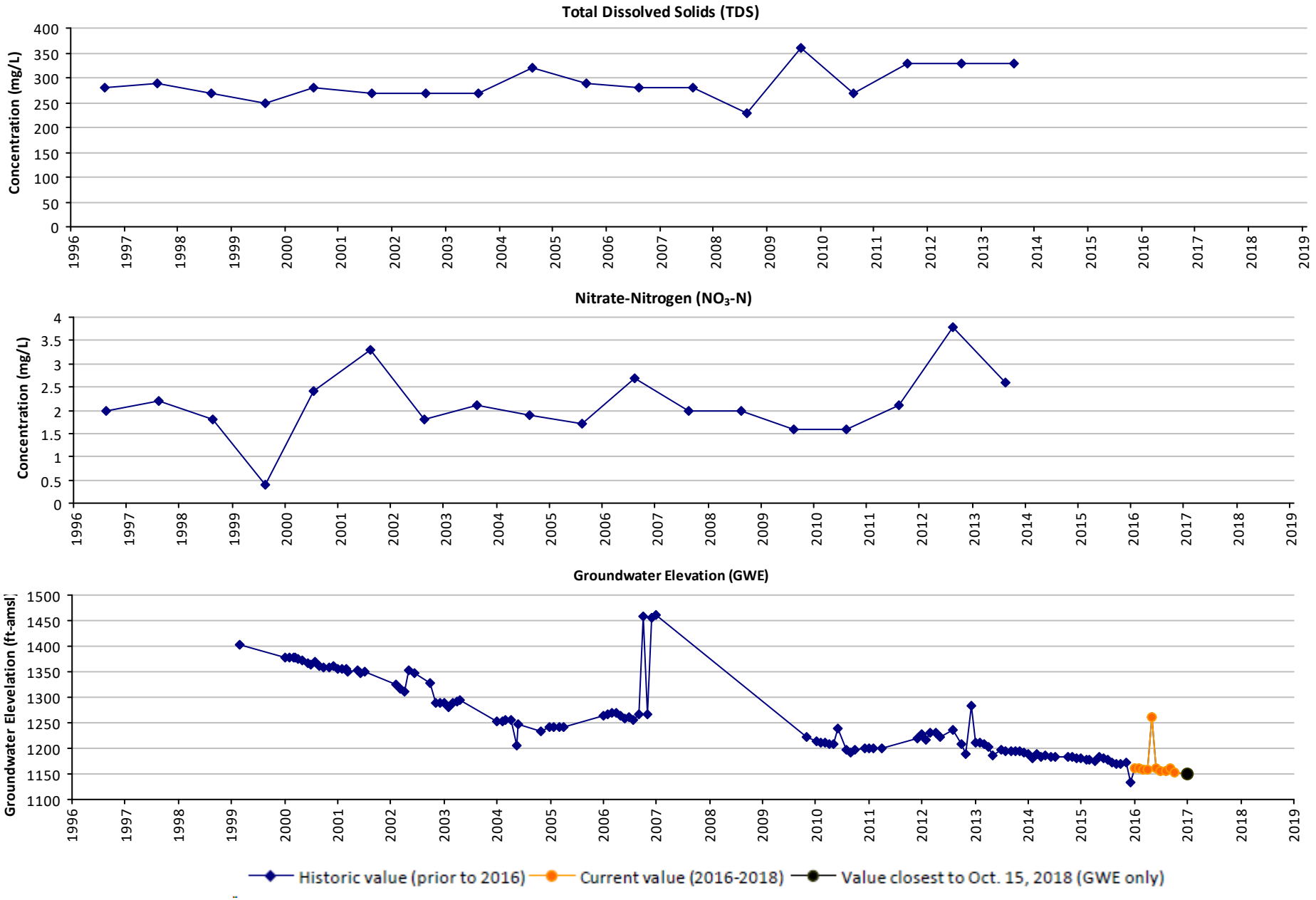

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

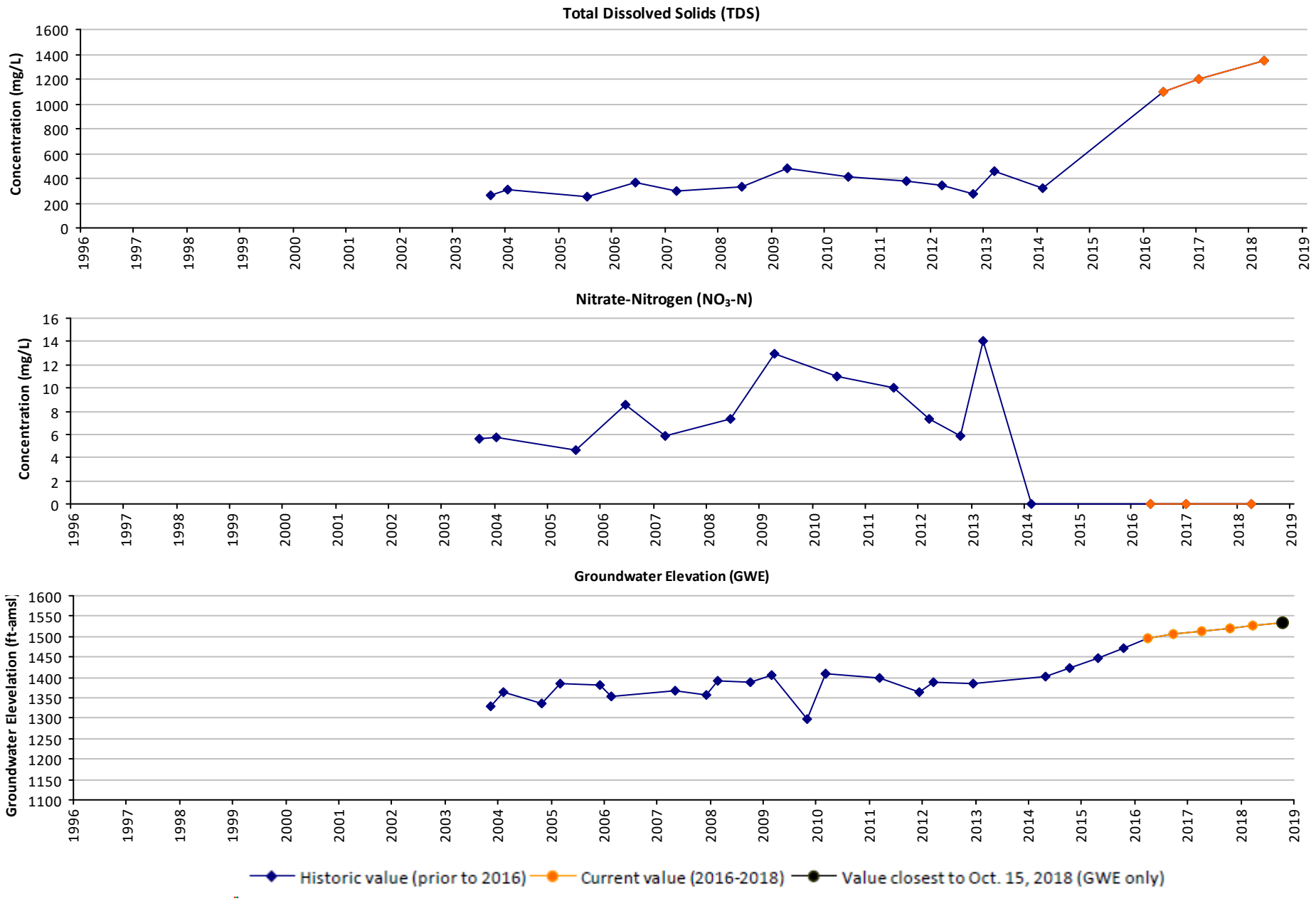

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1600
1500
1400
1300
1200
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

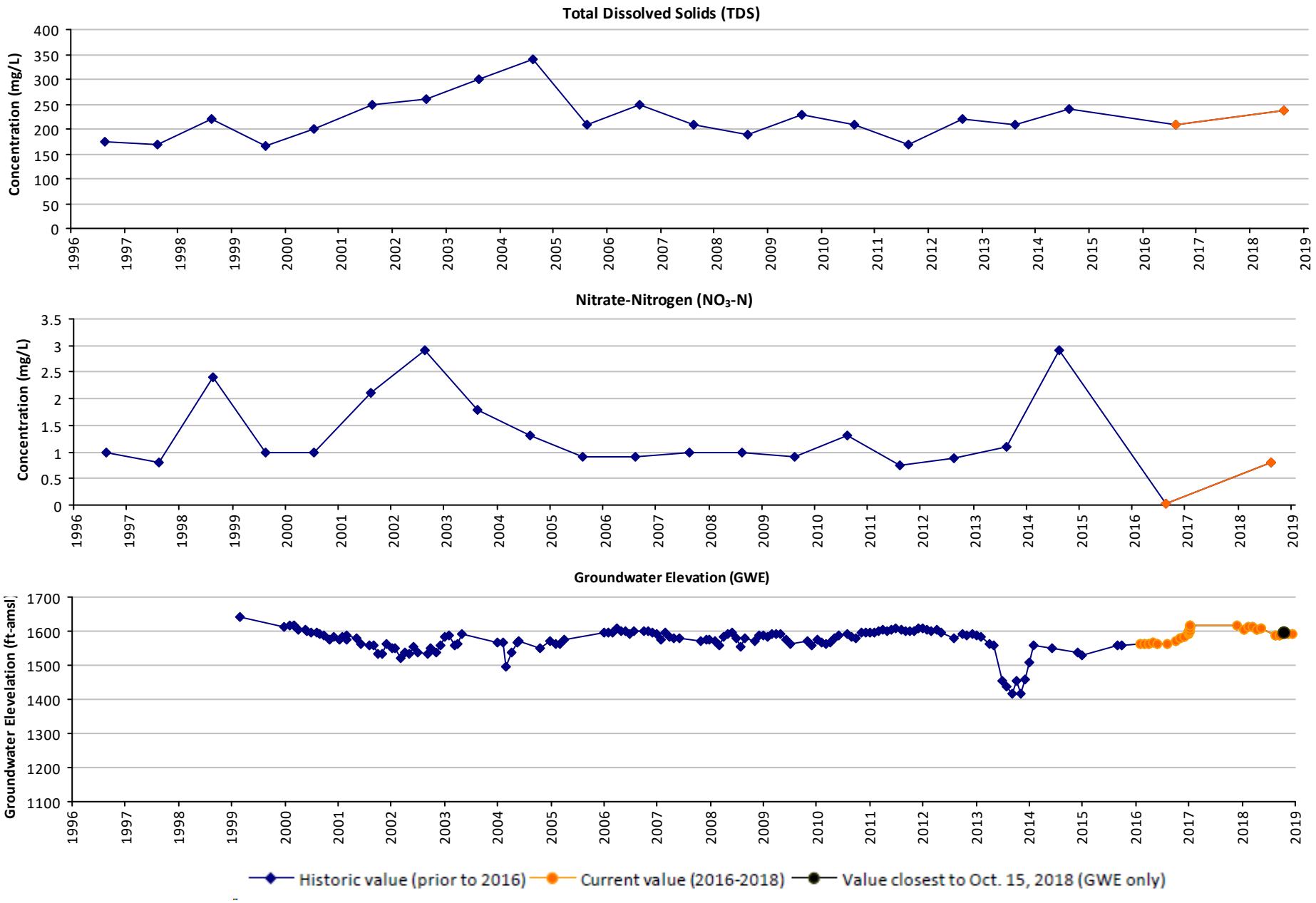

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

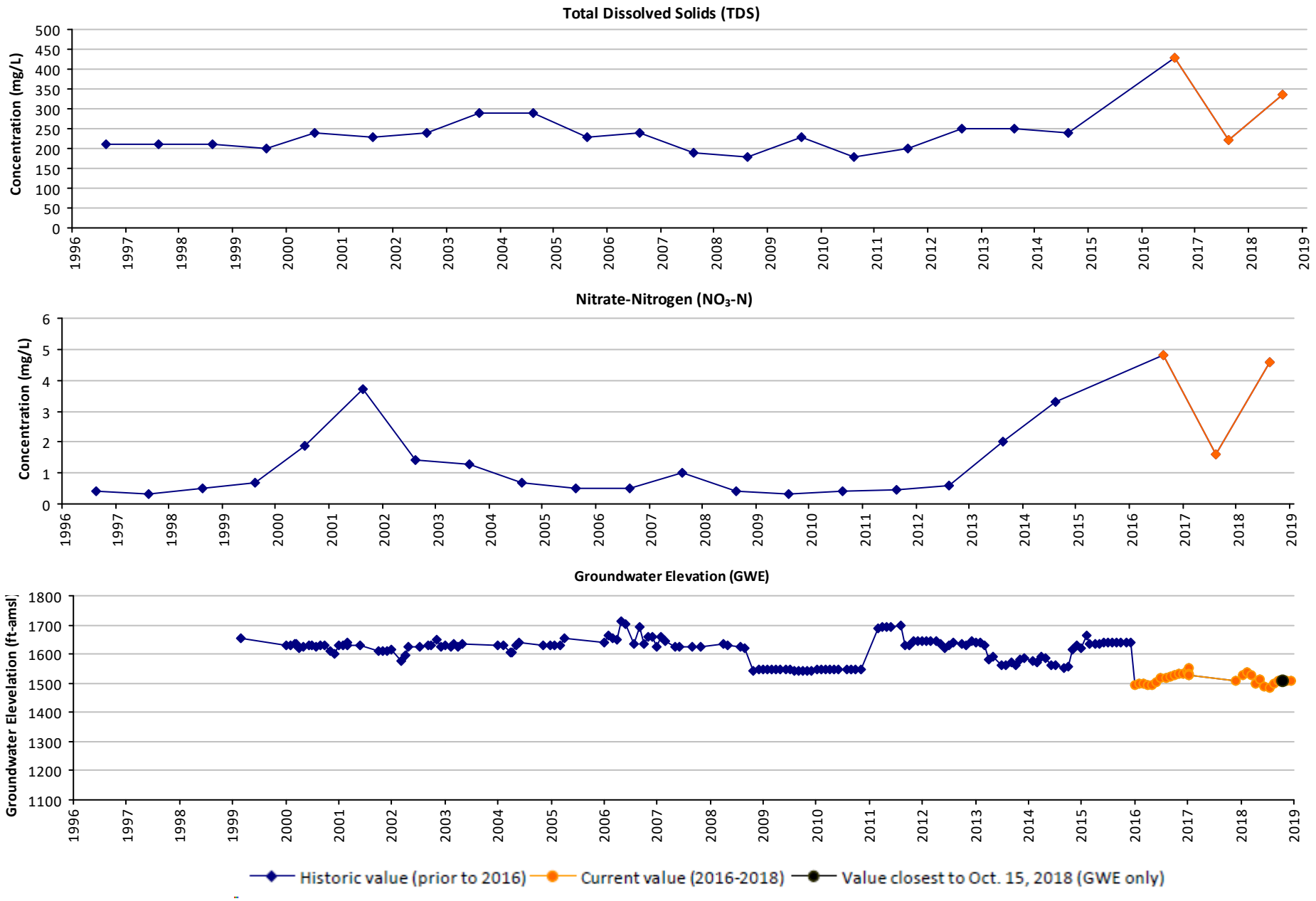

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

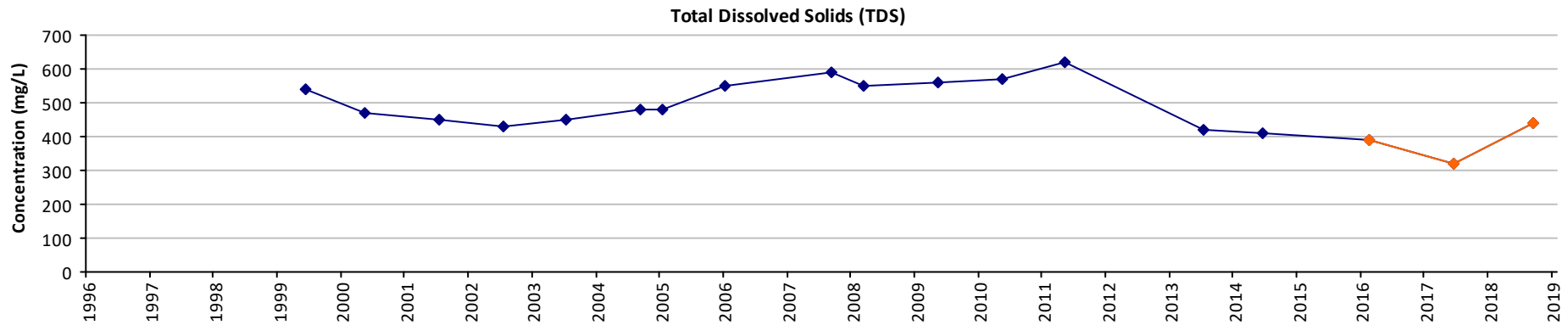

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

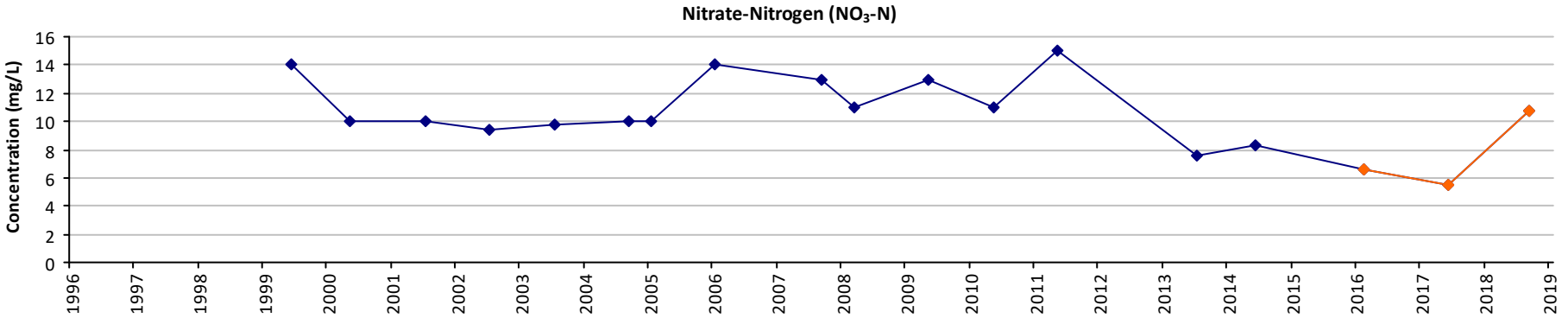

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

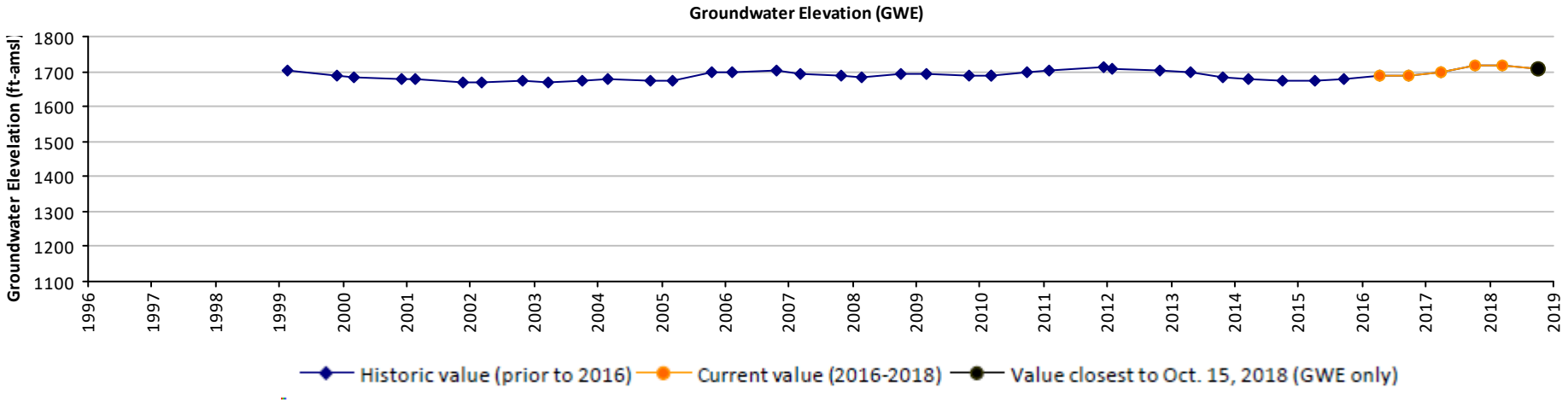

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

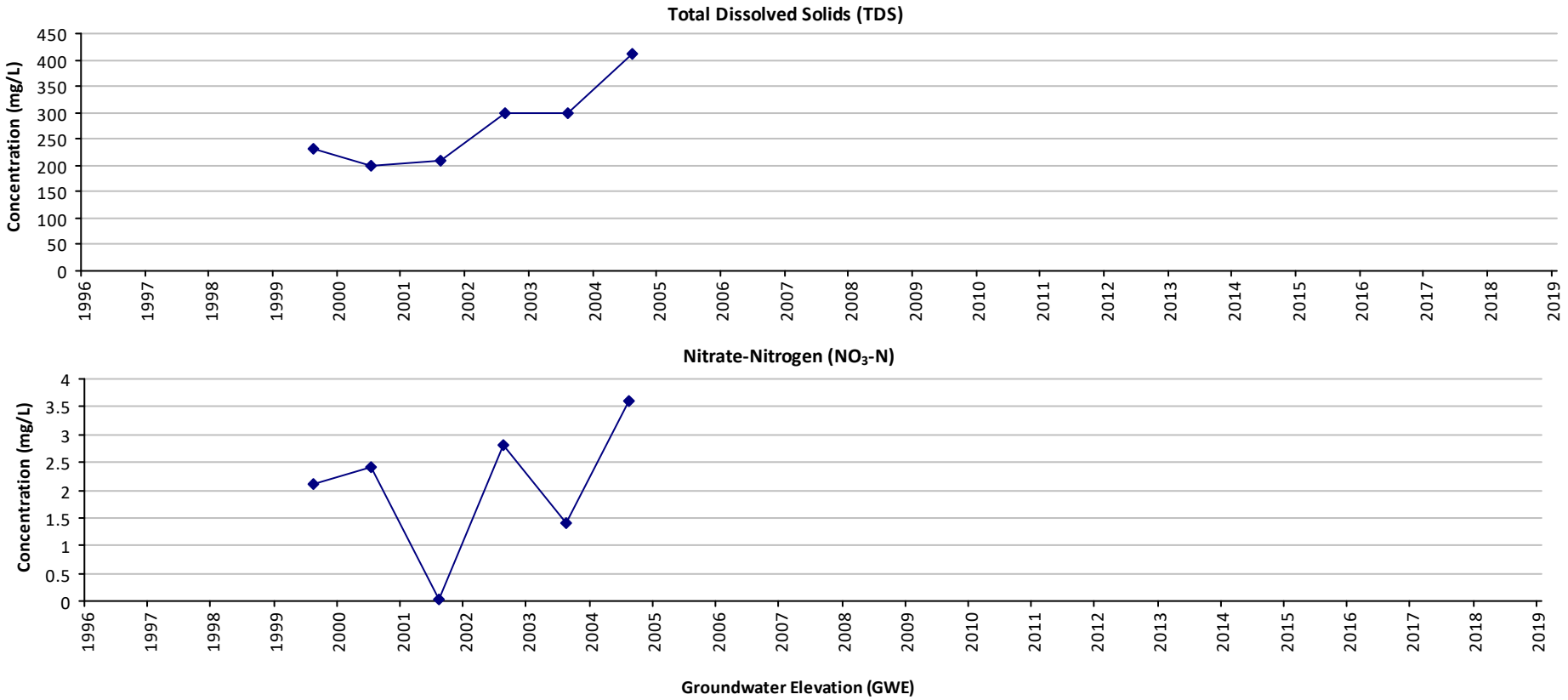

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

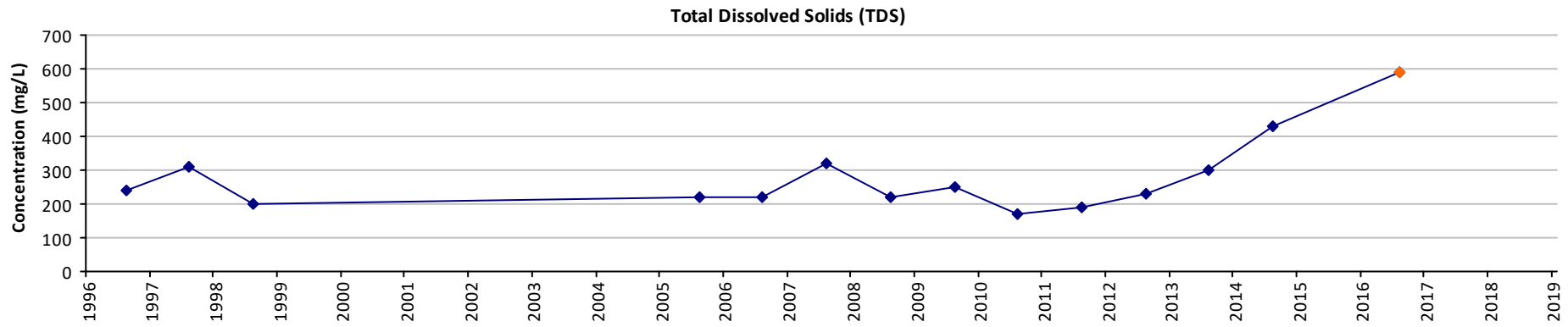

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

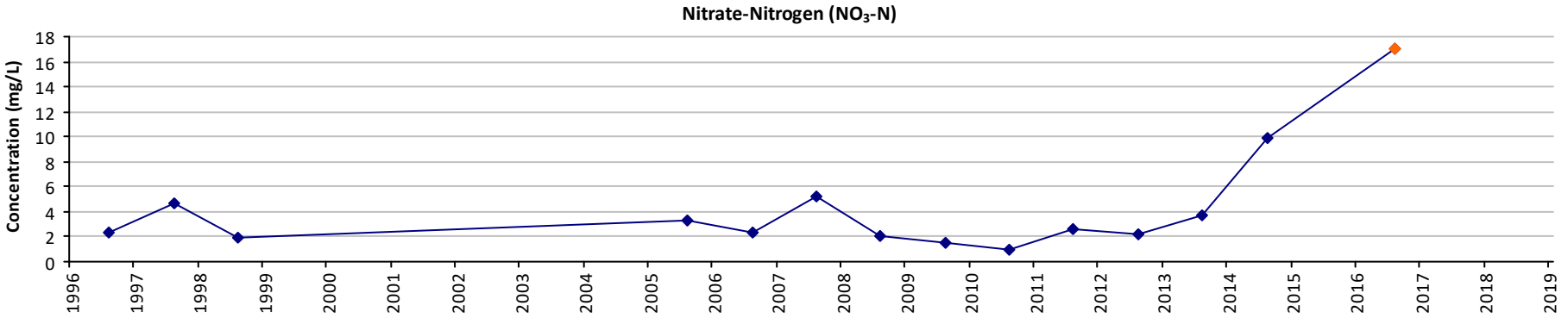

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
1500
1600
1700
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2012
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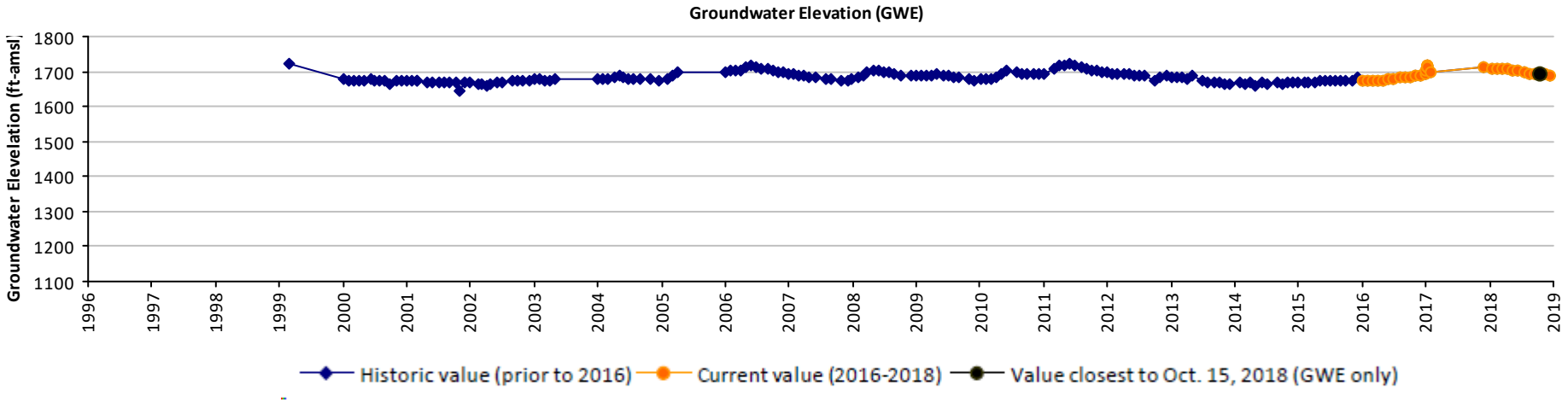
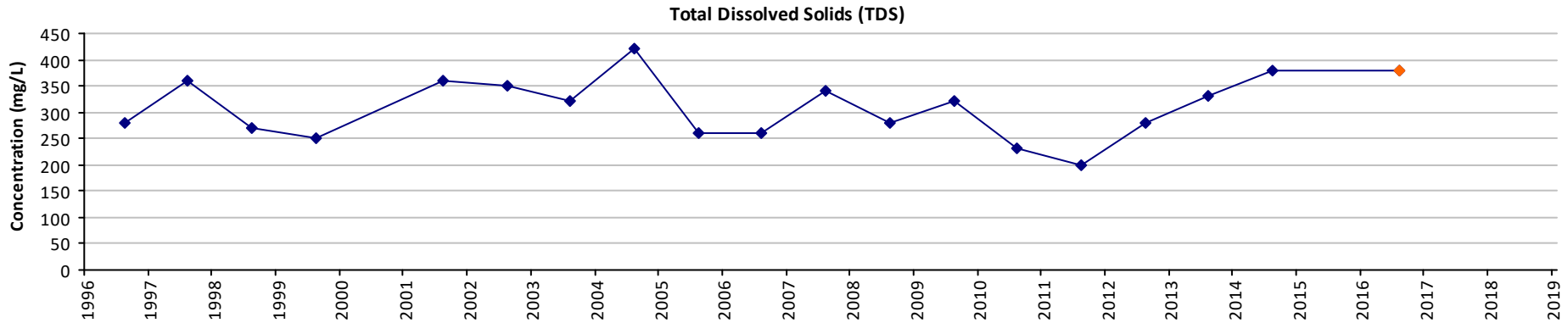
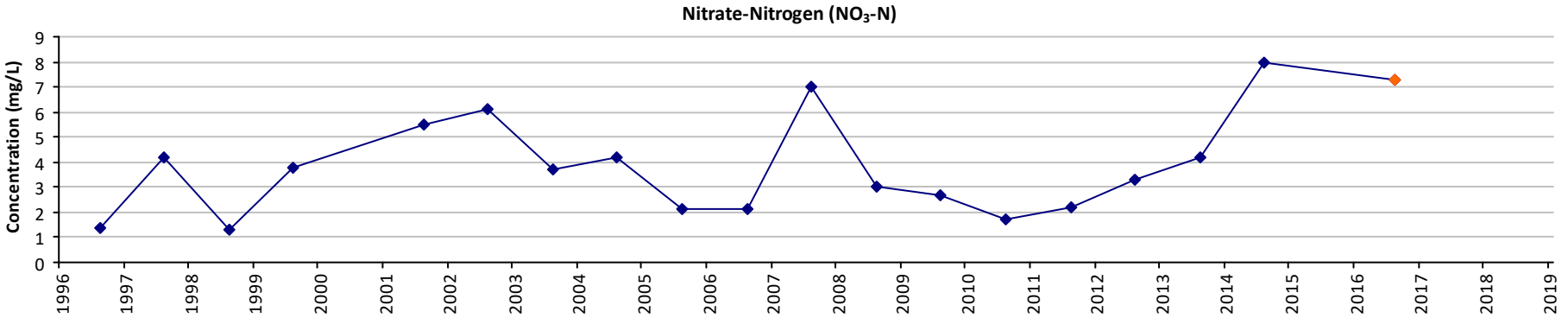
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
1500
1600
1700
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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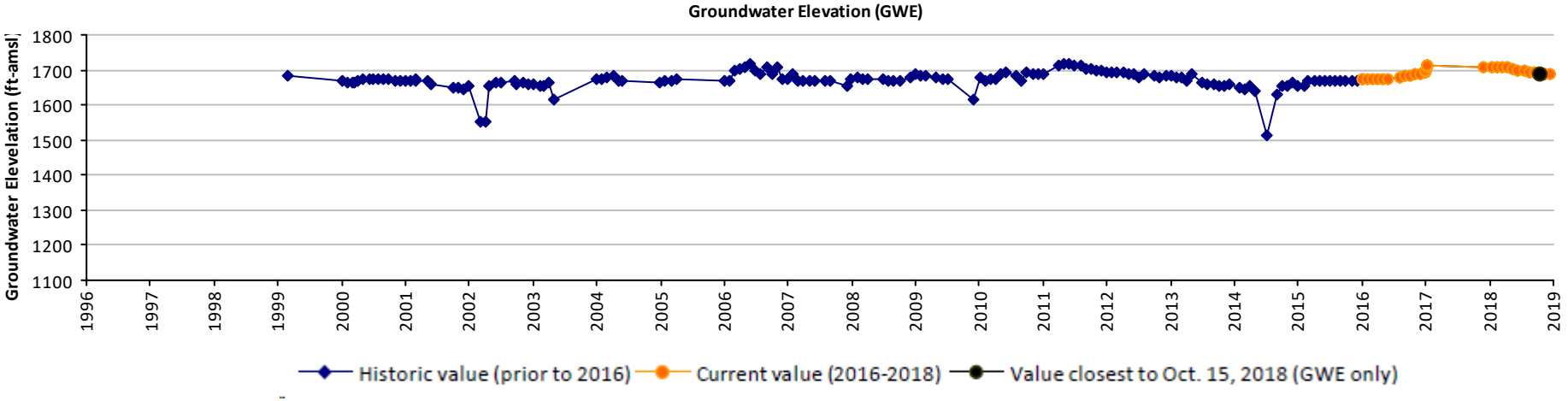
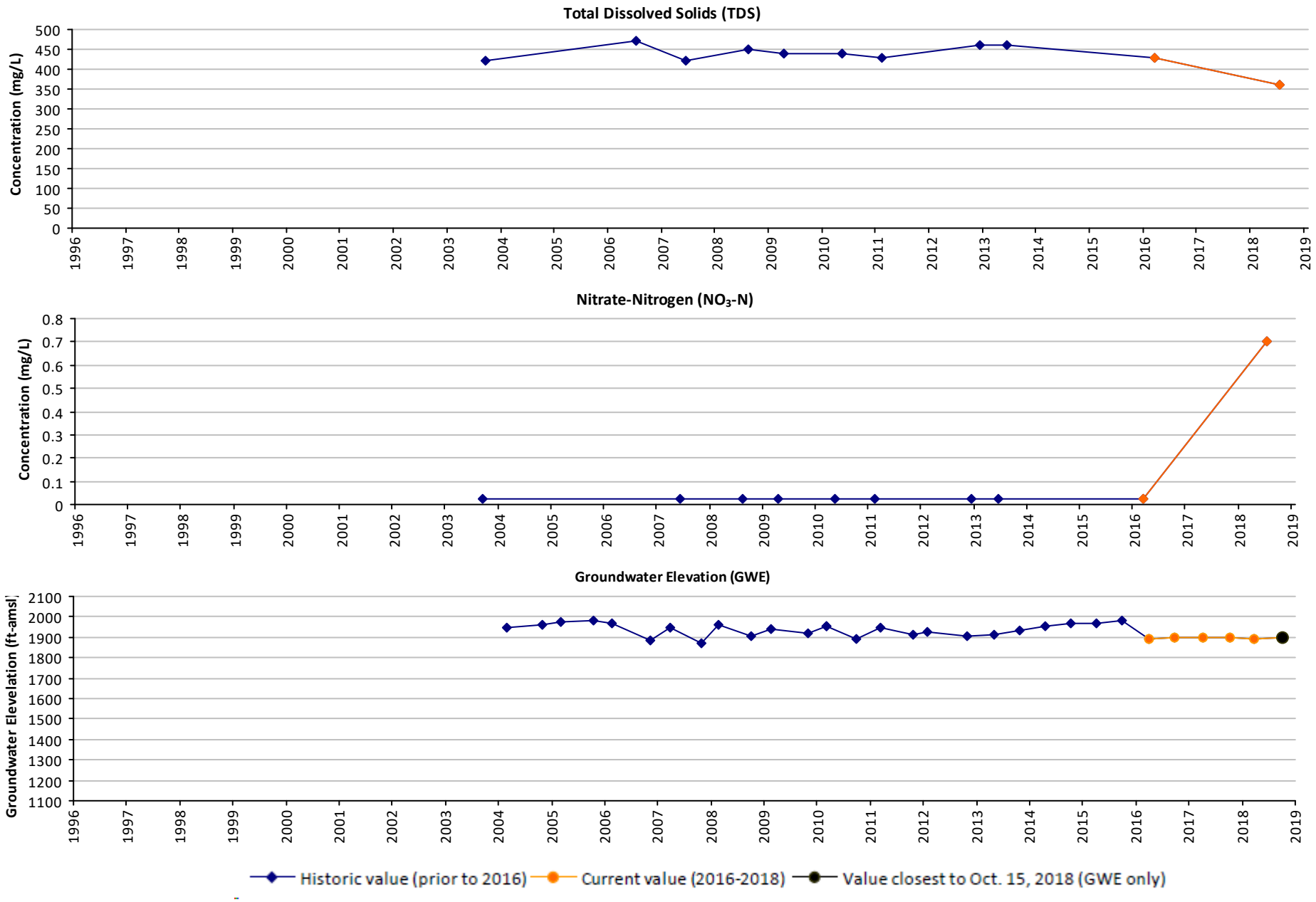
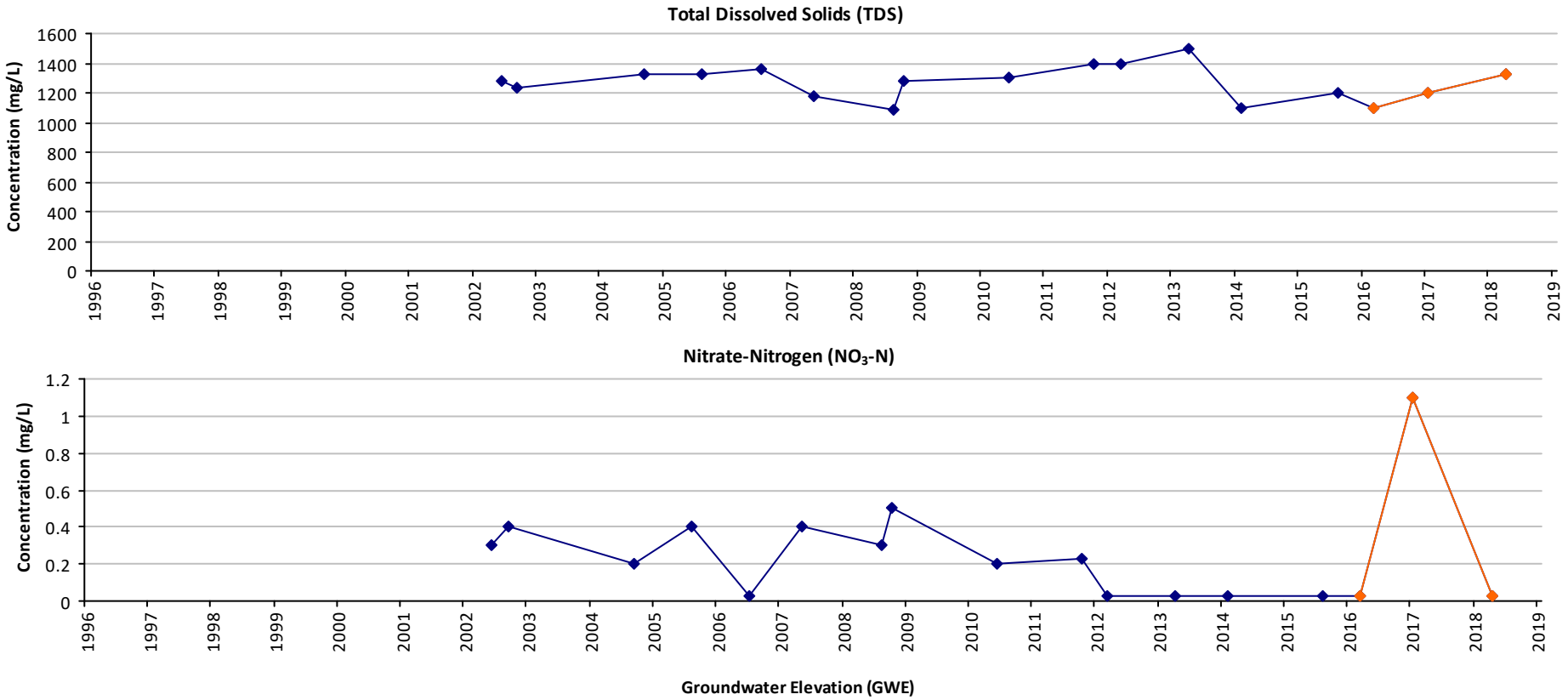
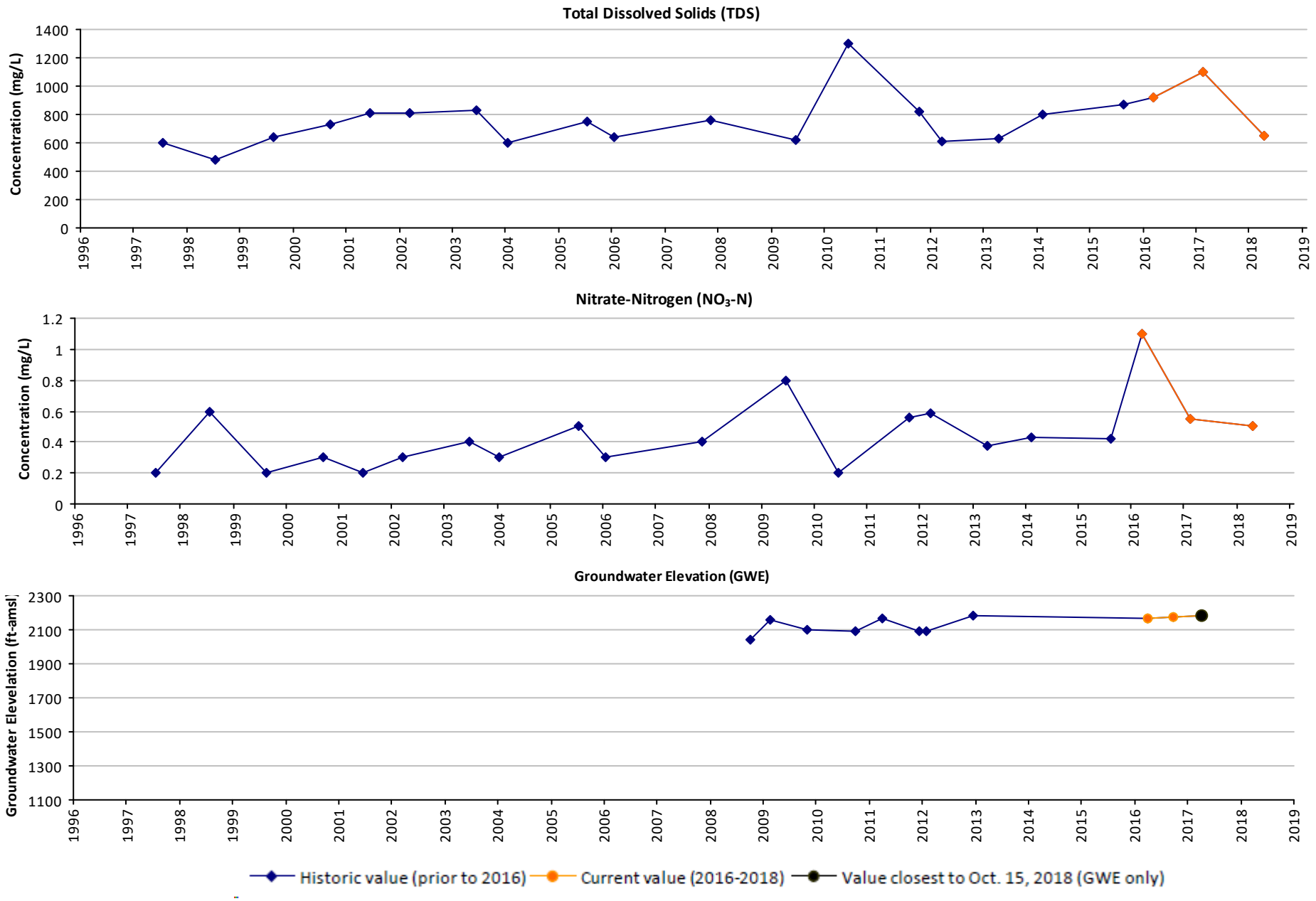
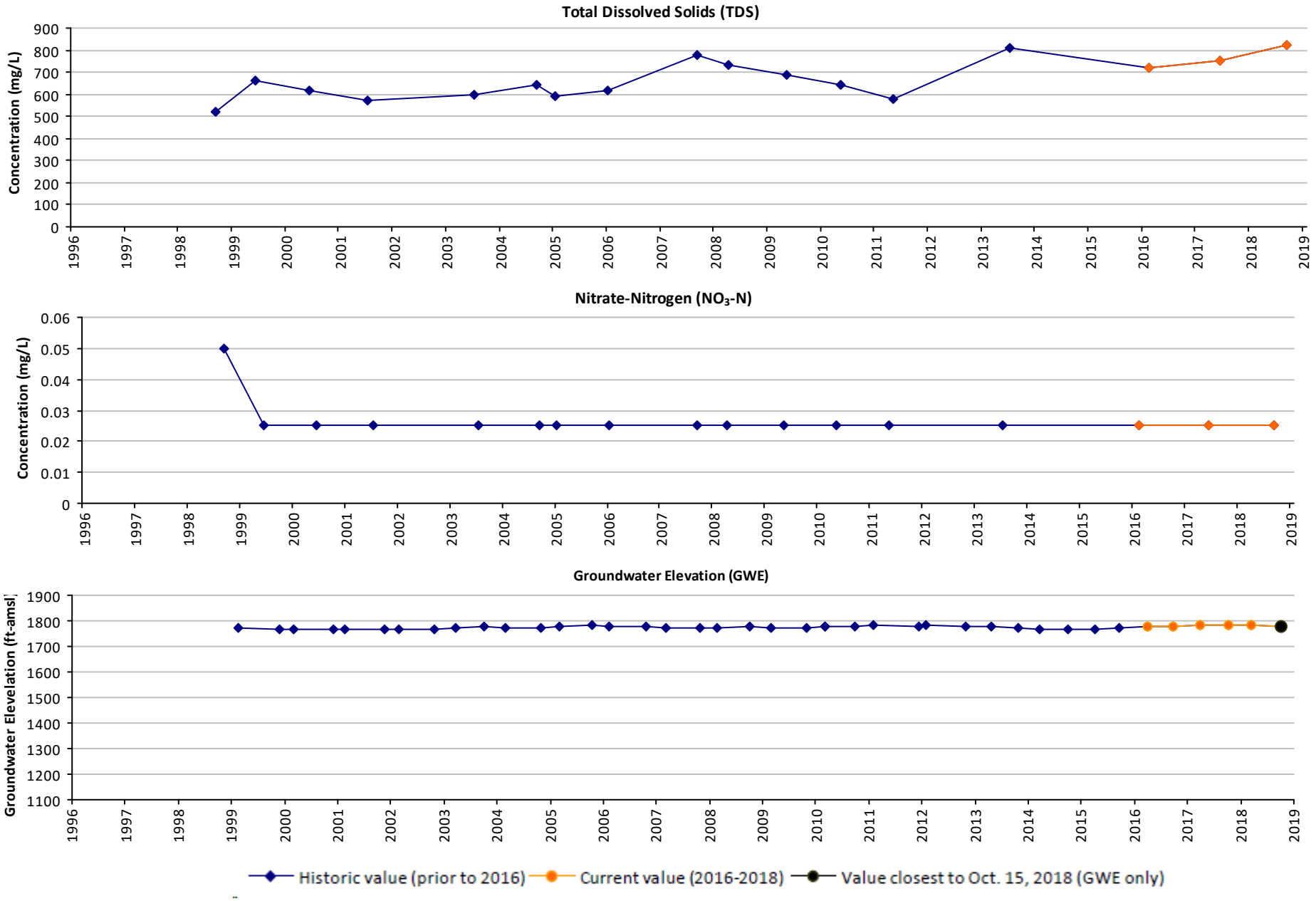
2015
2016
2017
2018
2019

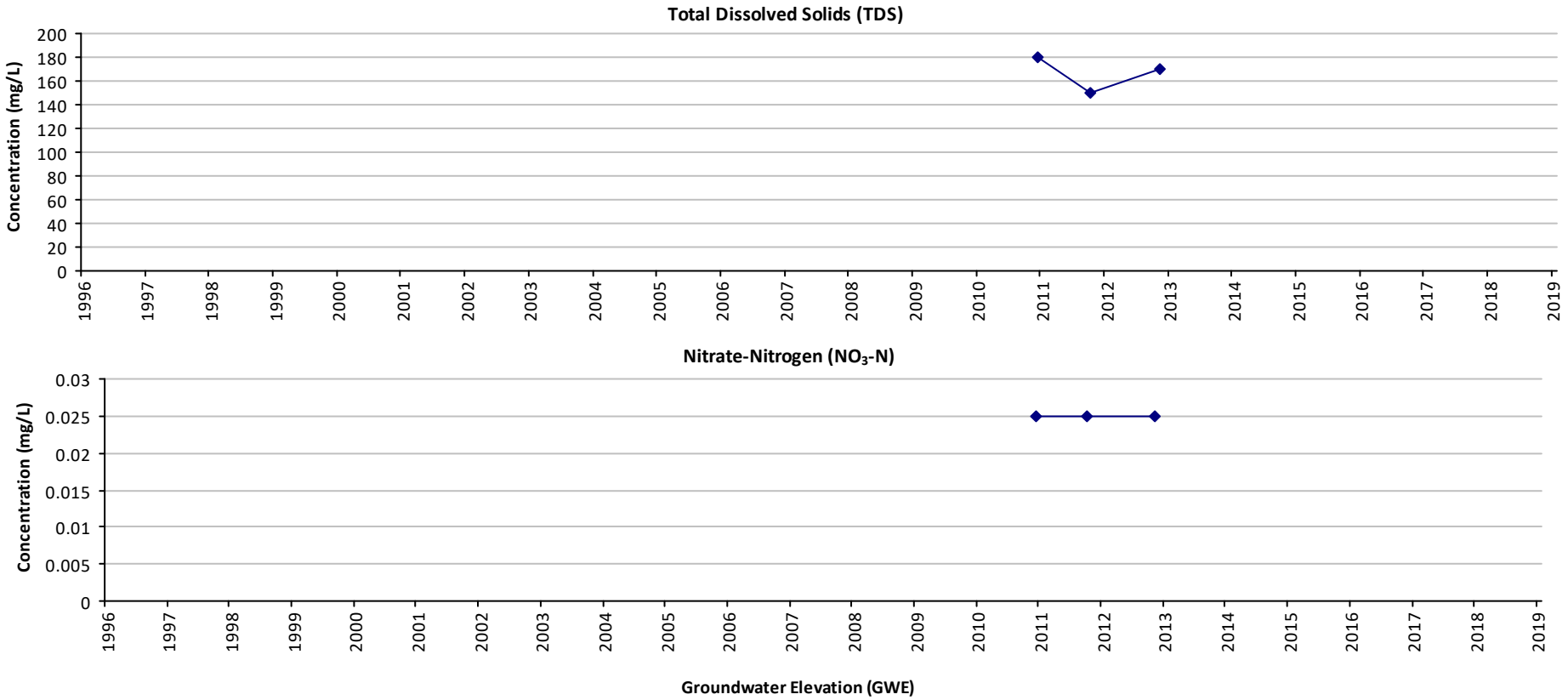

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
1500
1600
1700
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

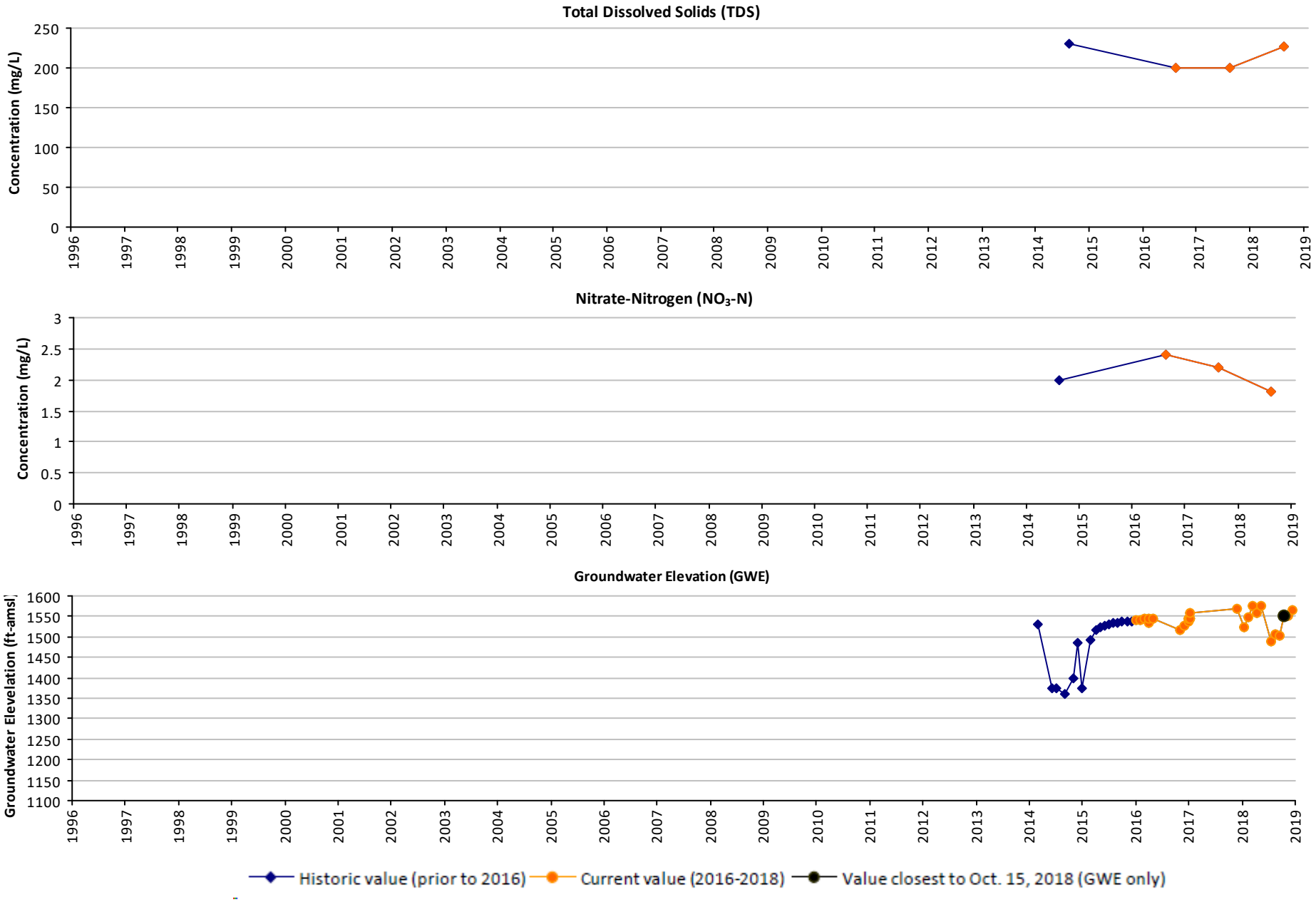

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

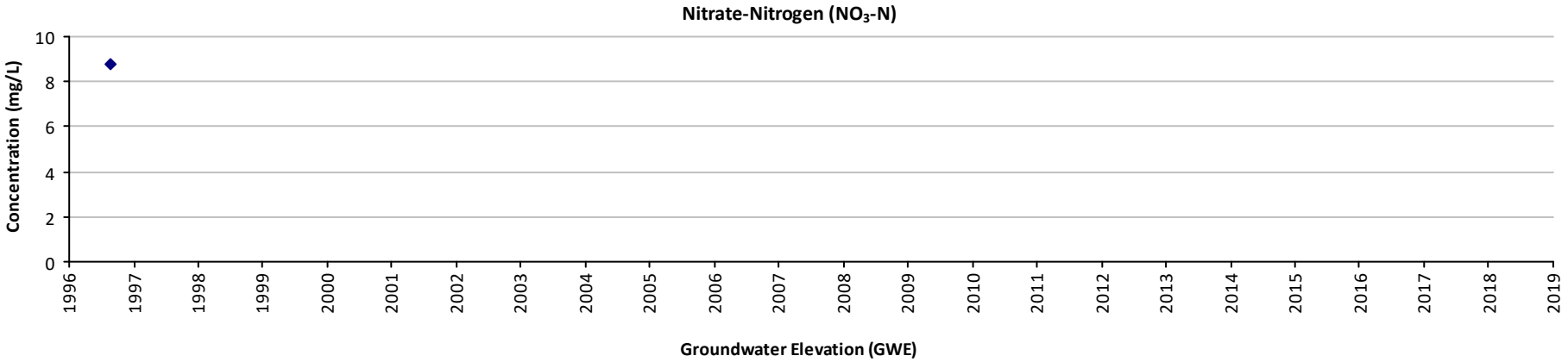

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1300
1500
1700
1900
2100
2300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

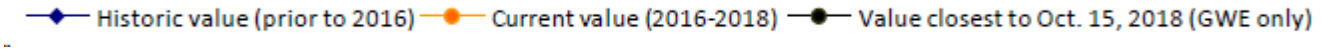

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

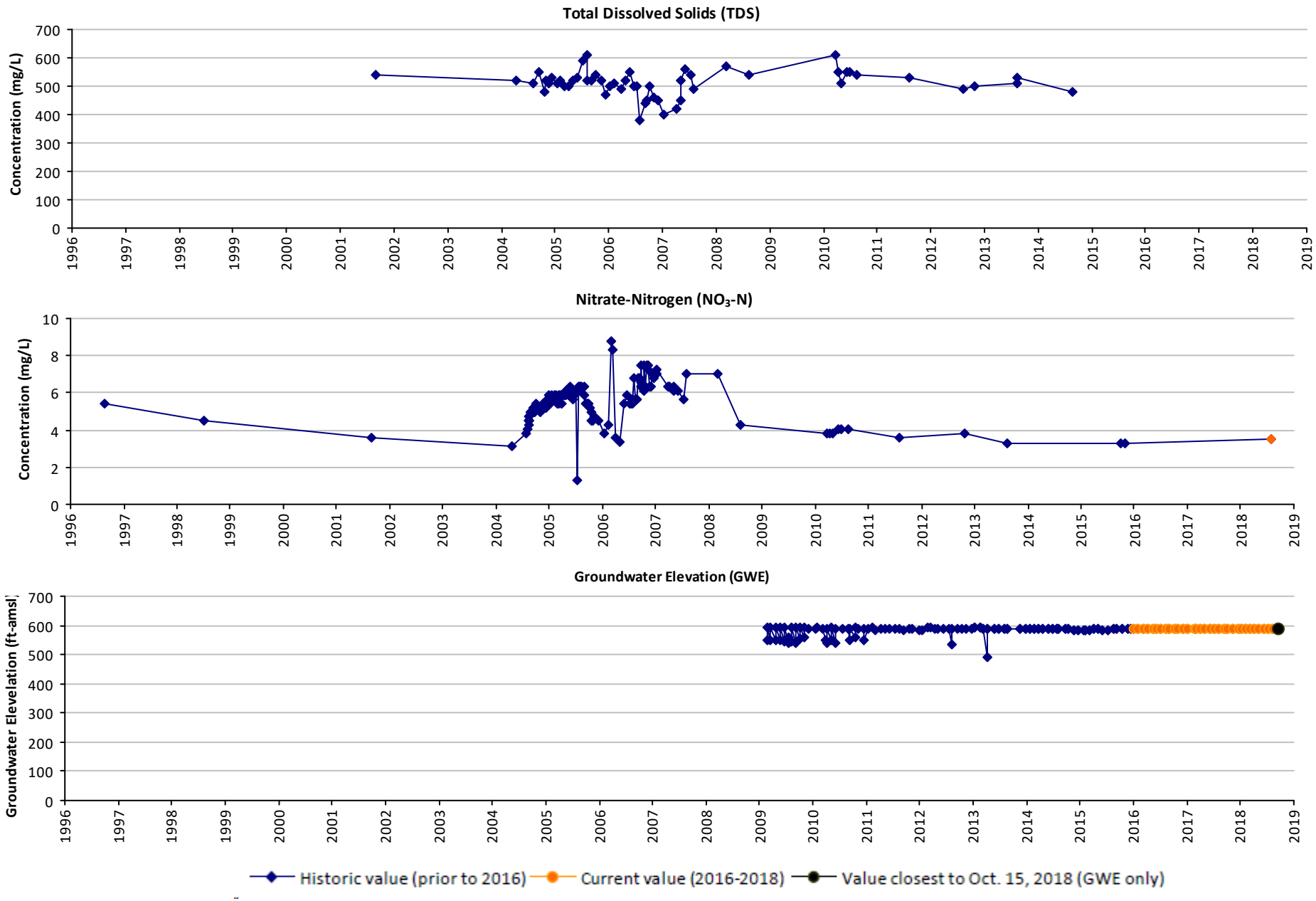

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1600
1550
1500
1450
1400
1350
1300
1250
1200
1150
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

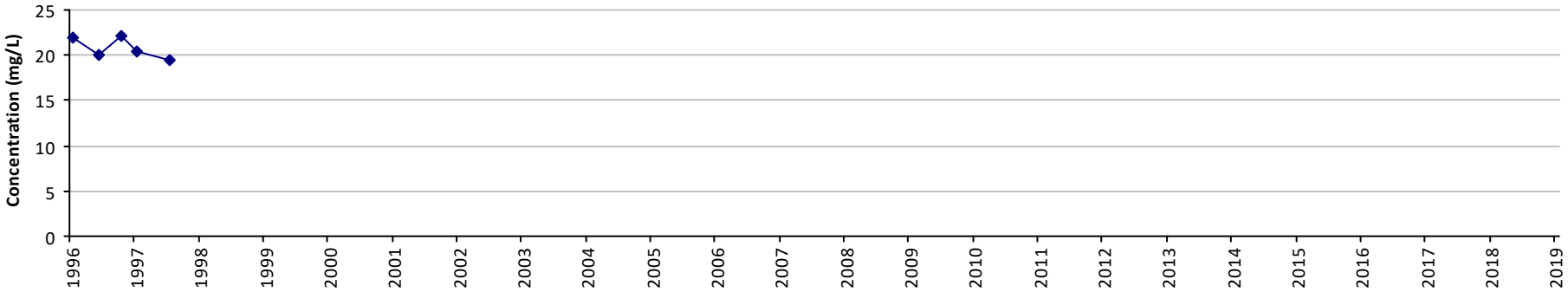




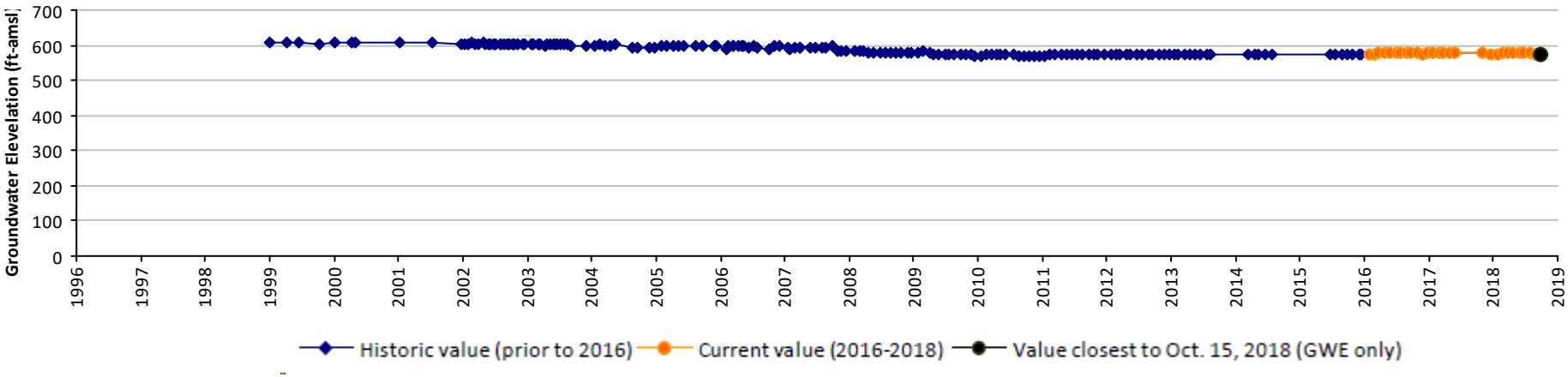

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

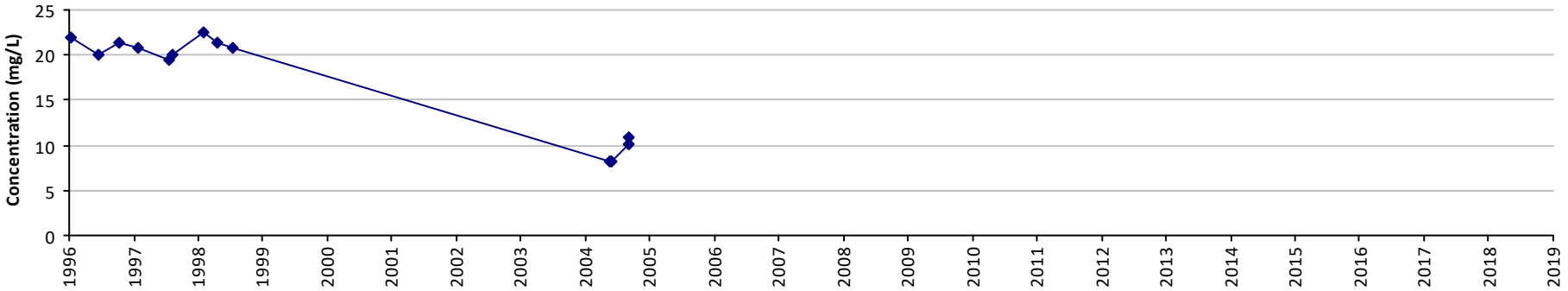


Groundwater Elevation (GWE)

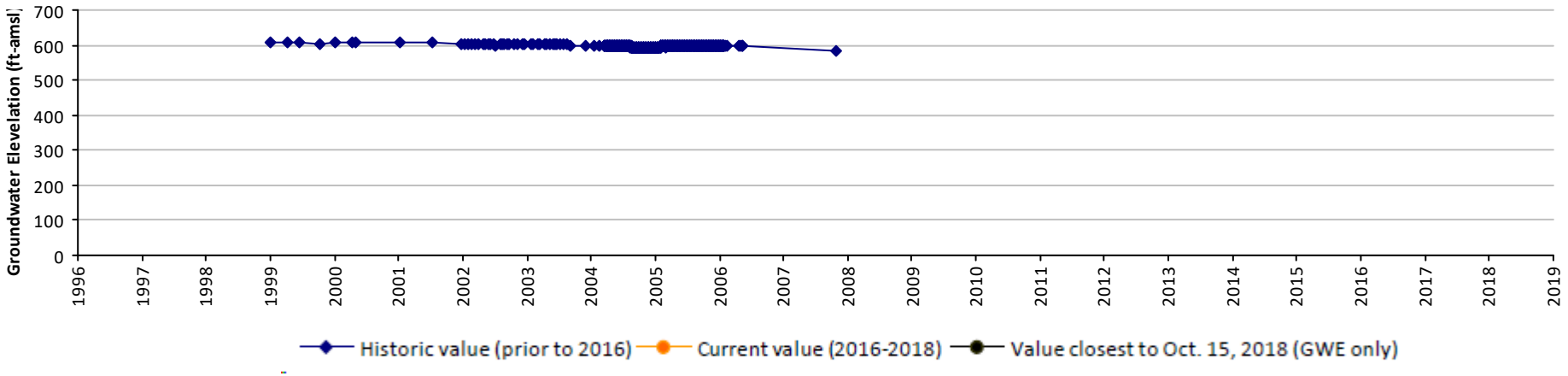


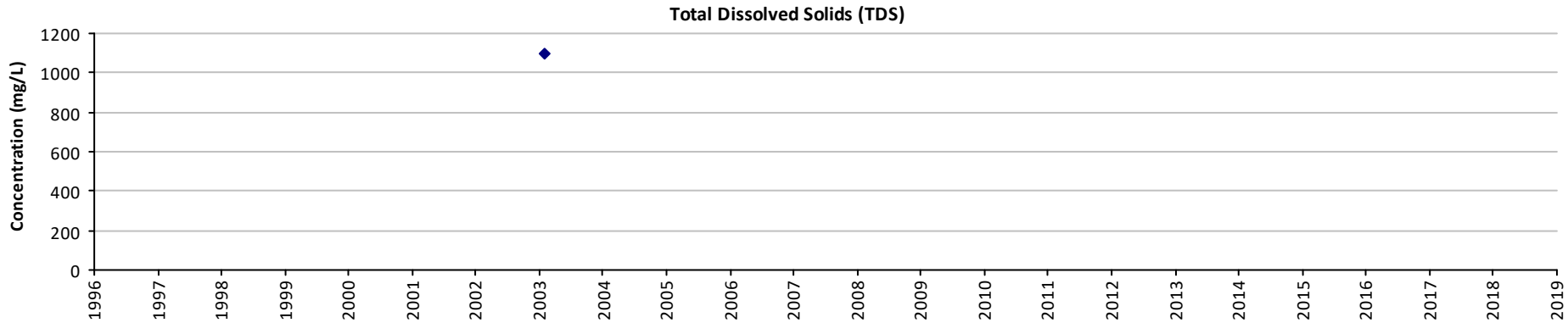
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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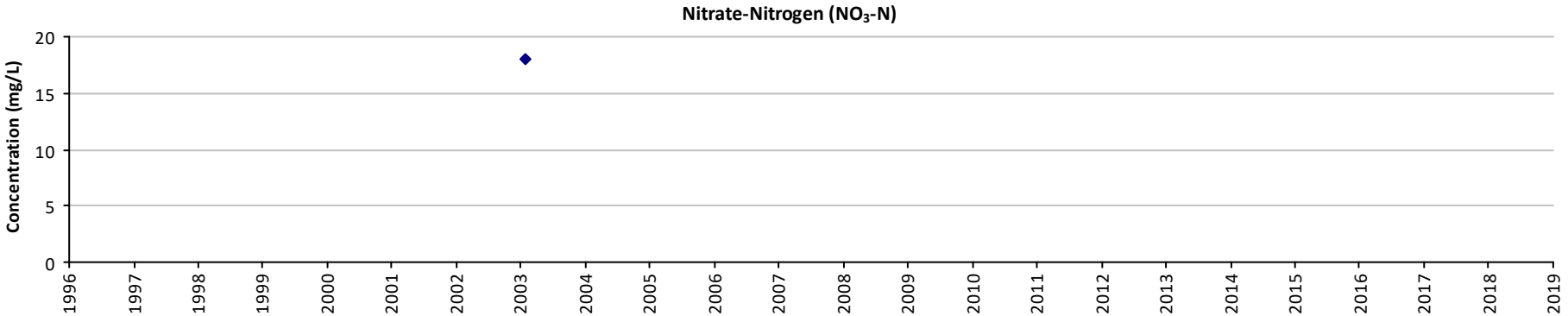
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
1997
1998
1999
2000
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2002
2003
2004
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2010
2011
2012
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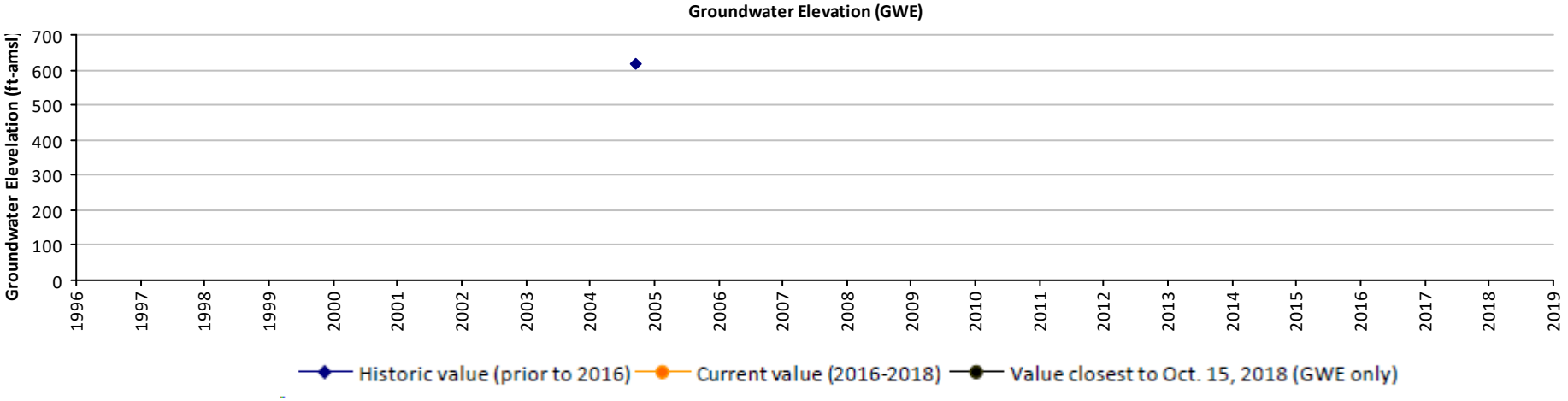
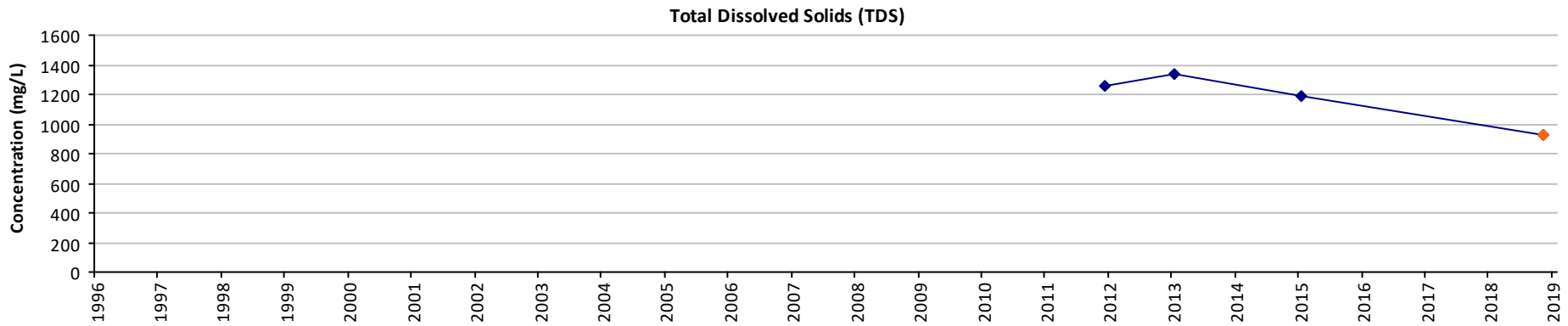
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
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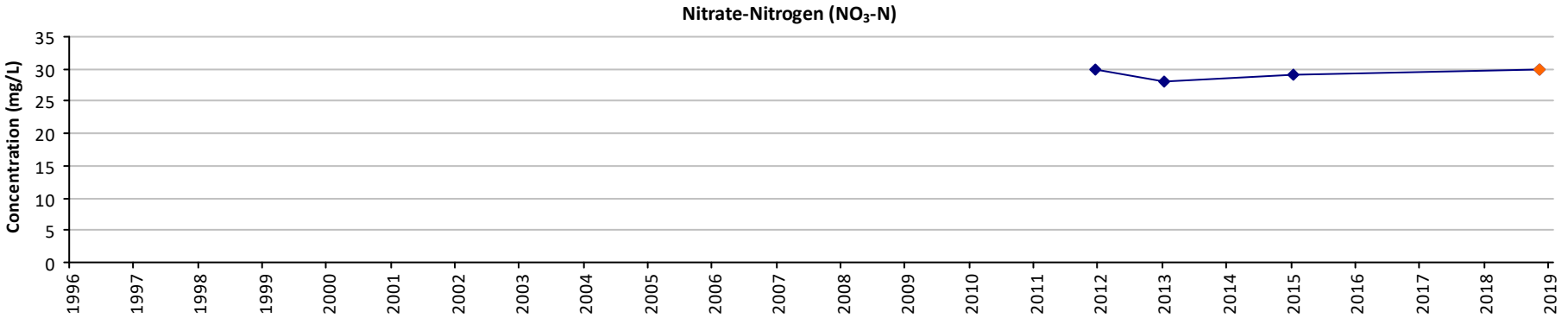
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2007
2008
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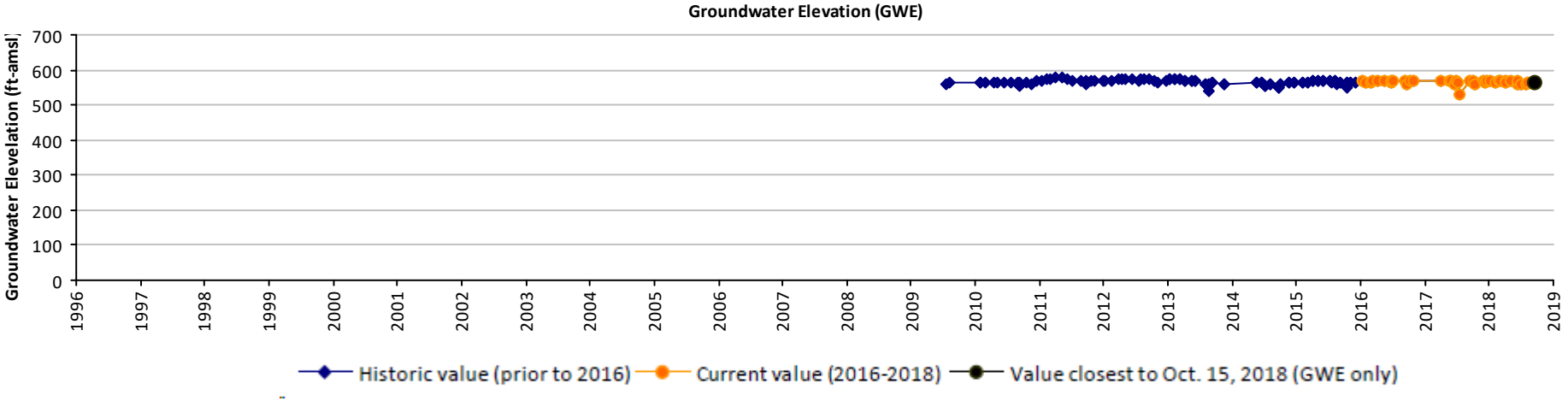
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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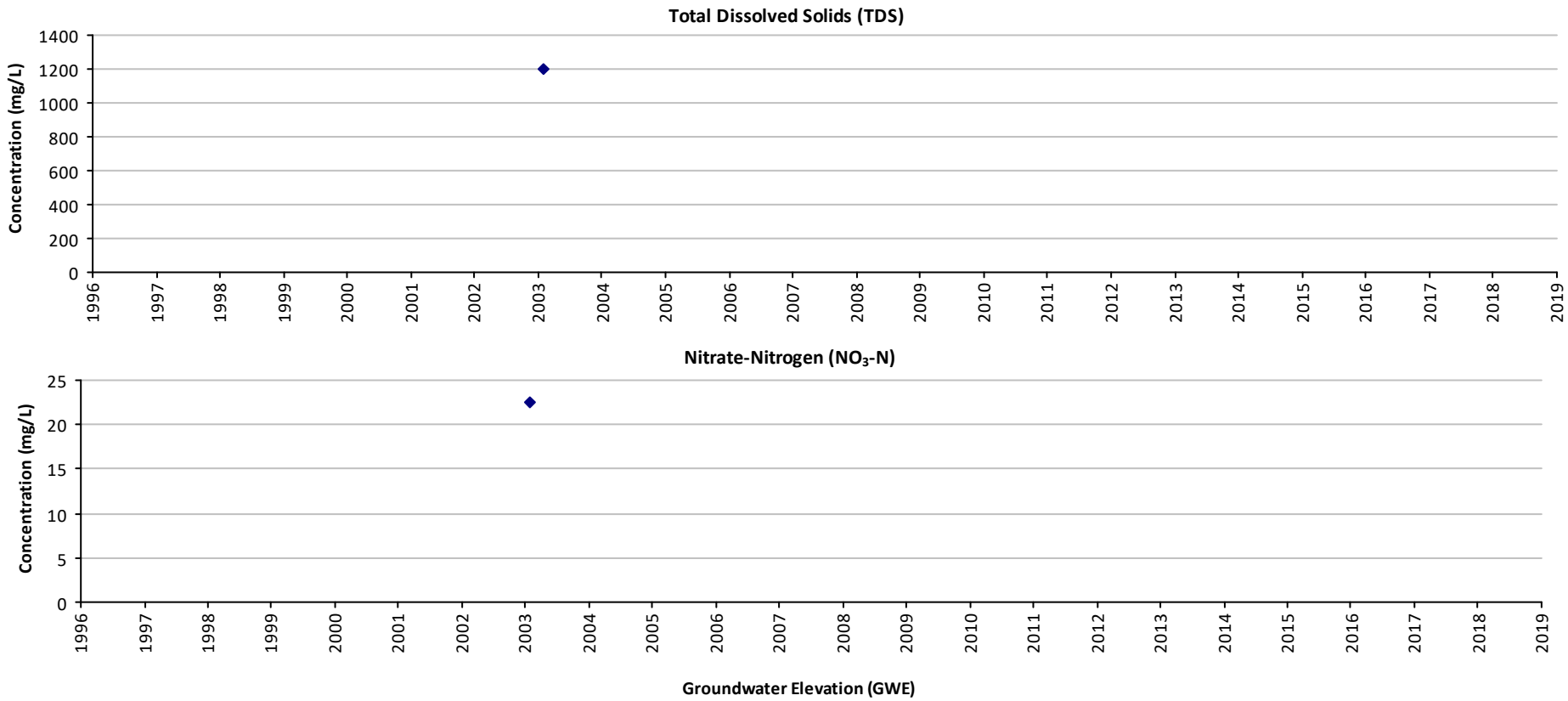
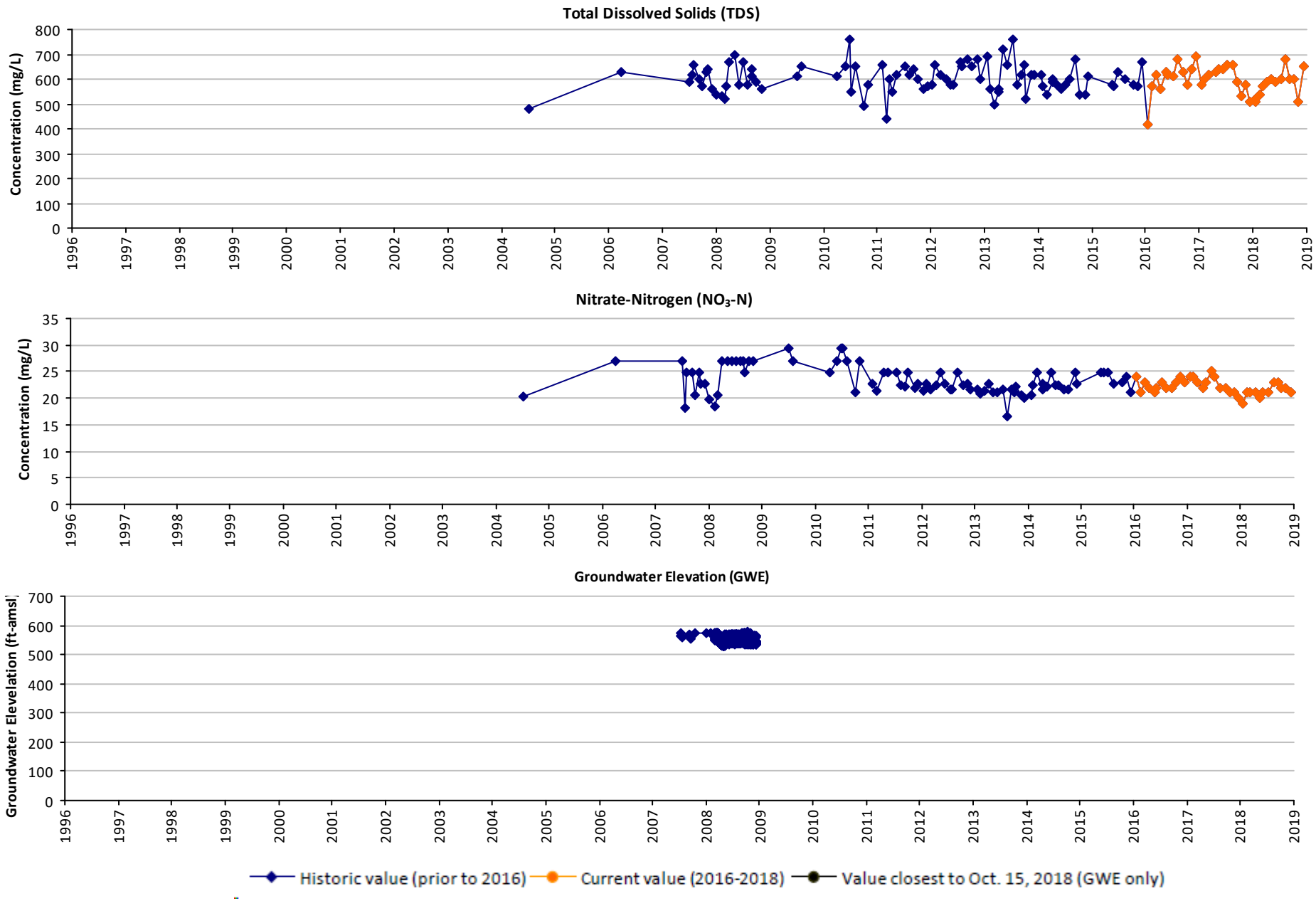
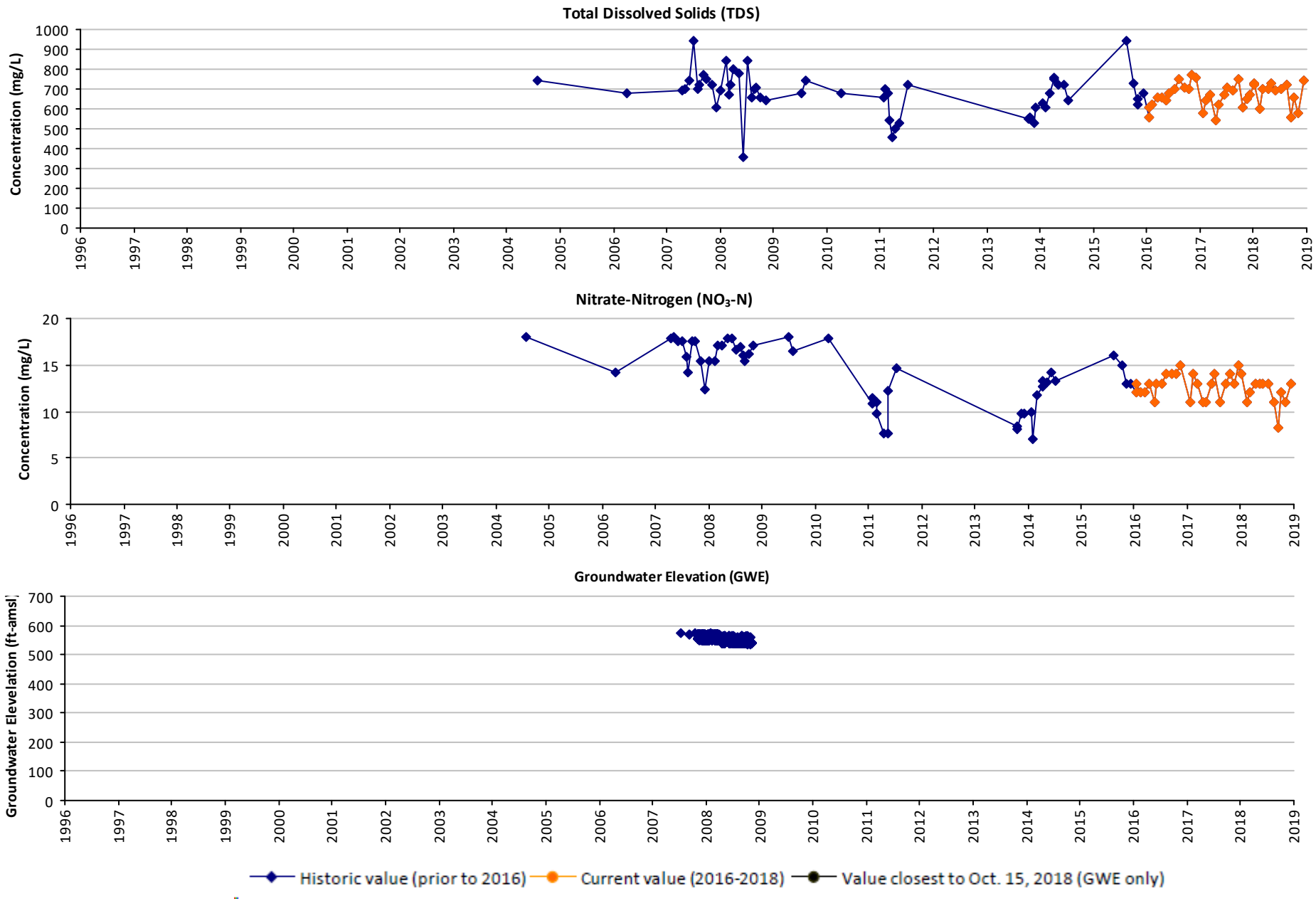
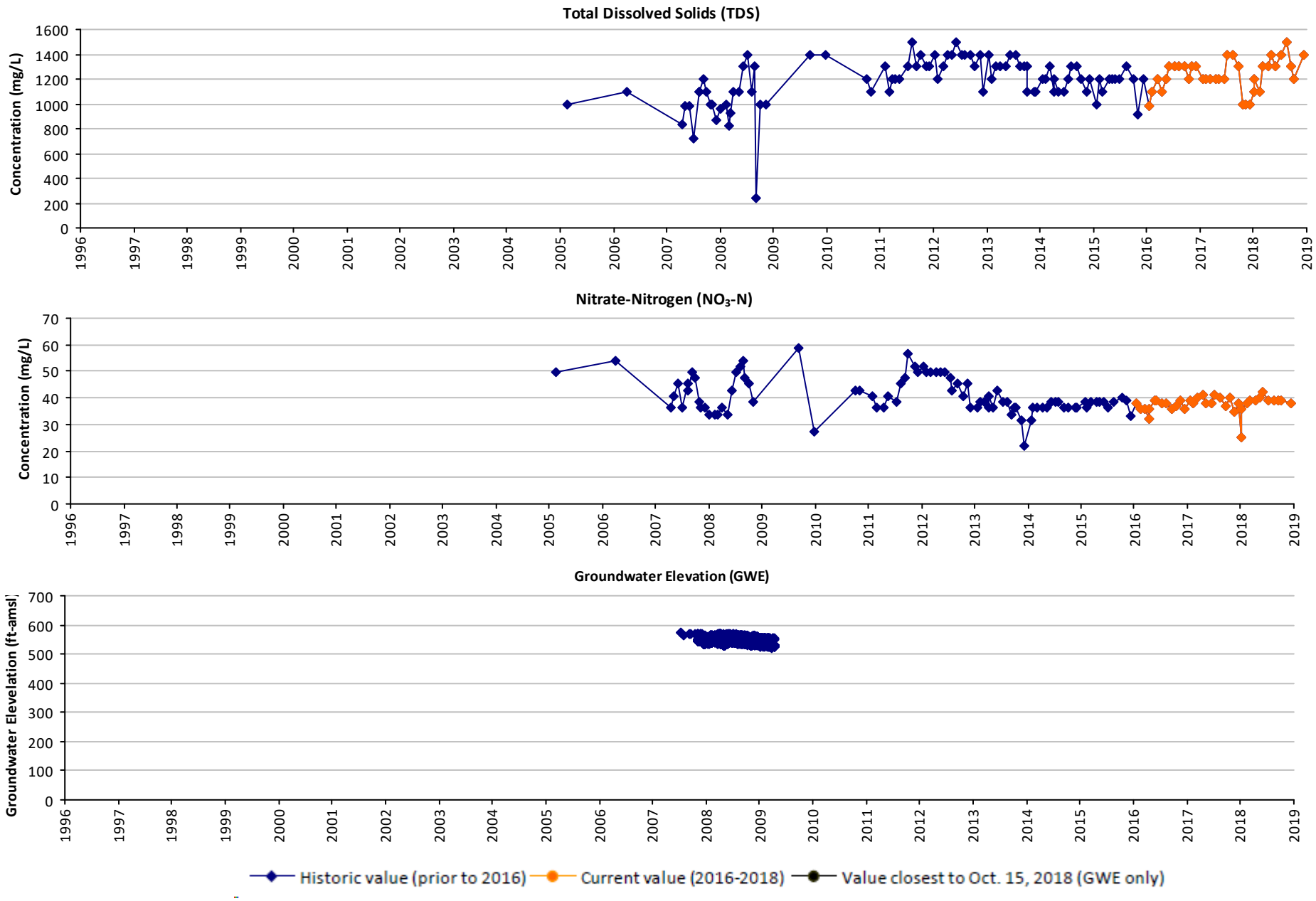
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

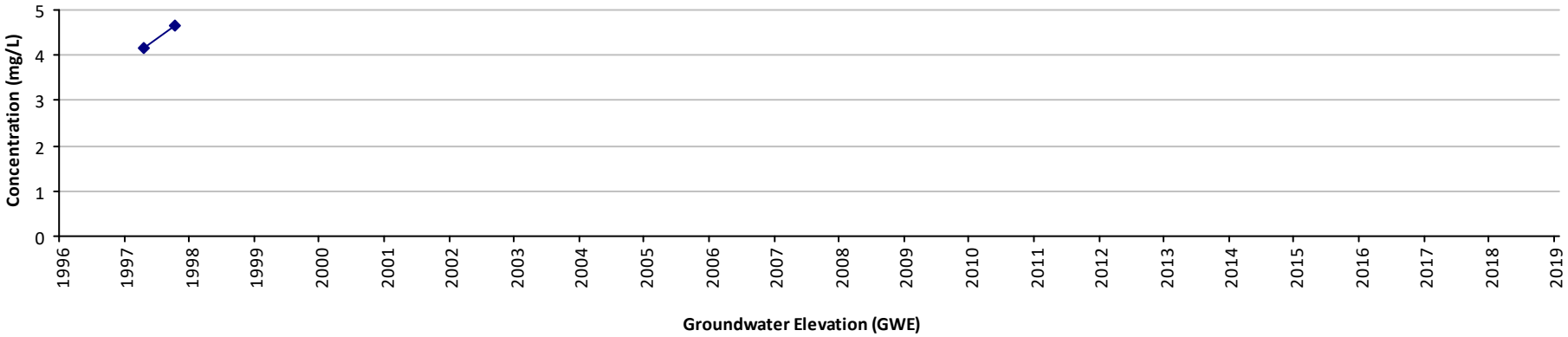

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

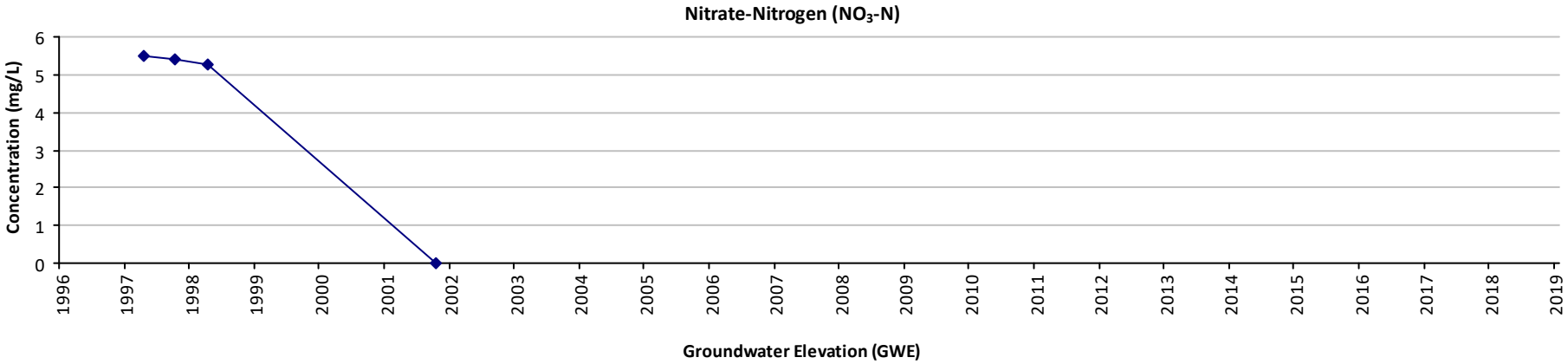
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

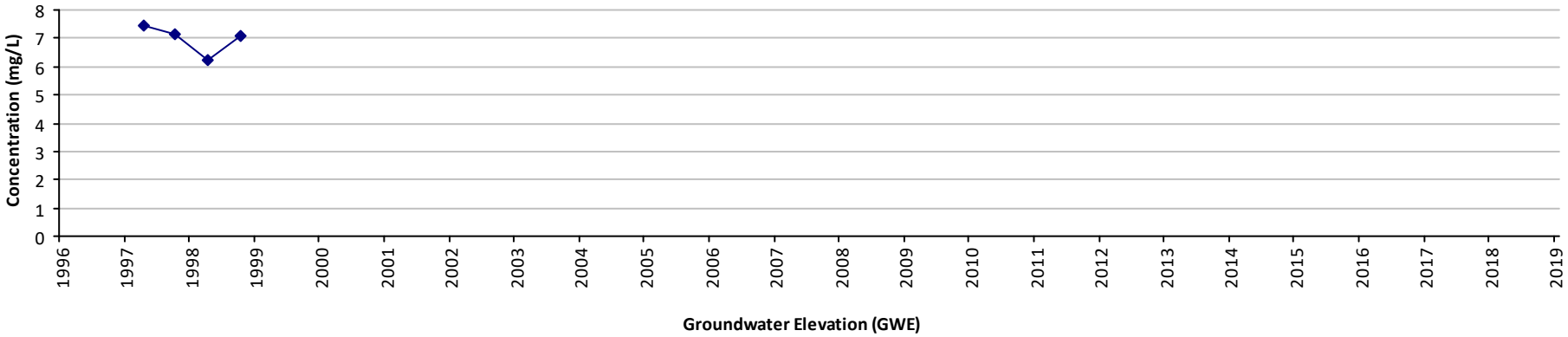
Total Dissolved Solids (TDS)



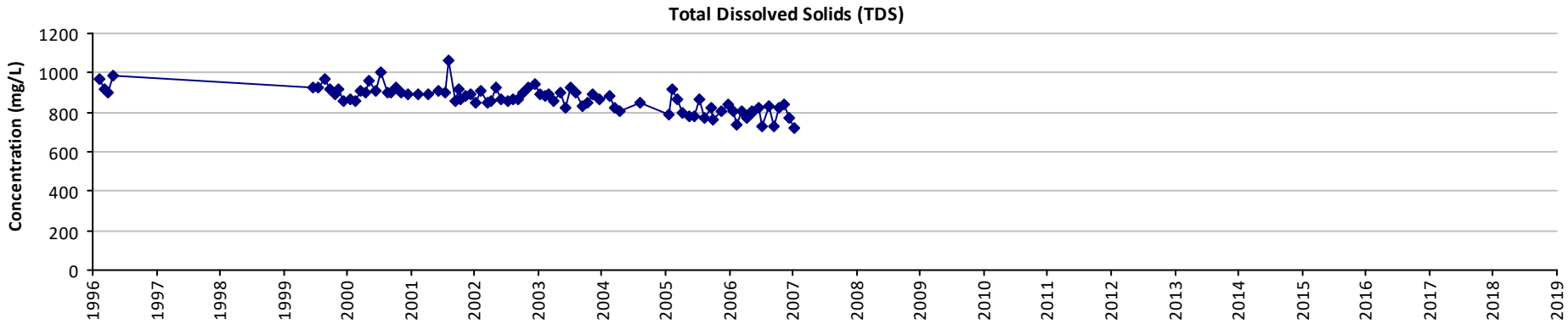
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
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2002
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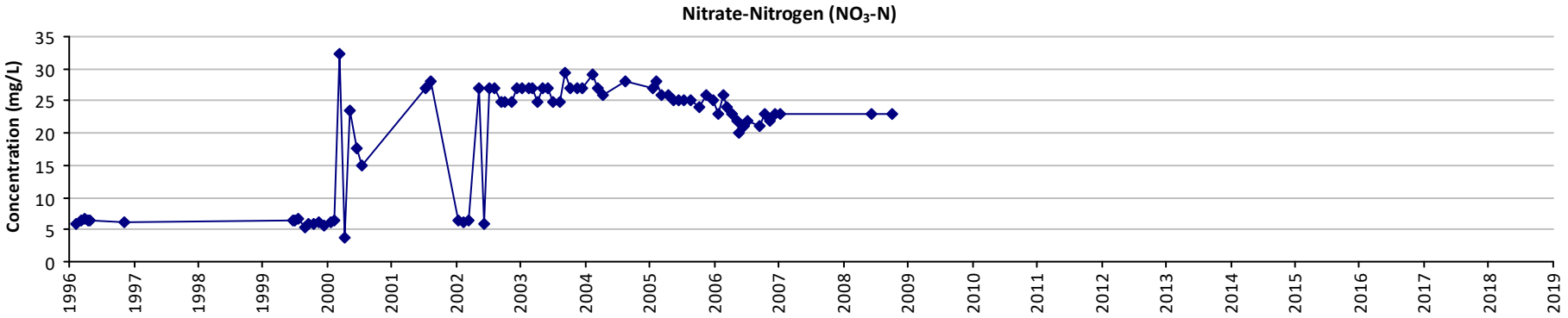
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
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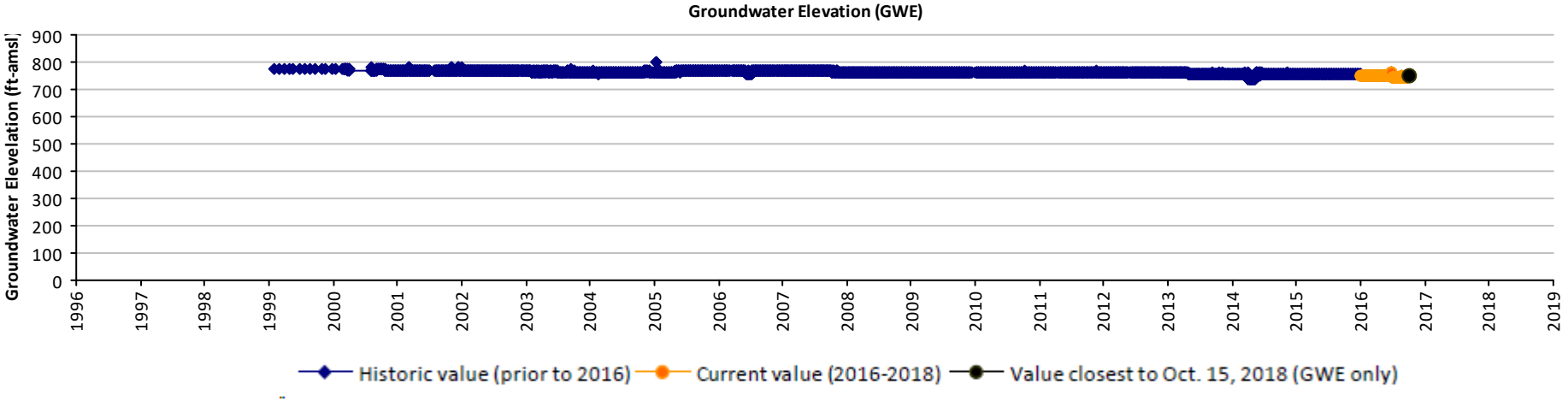
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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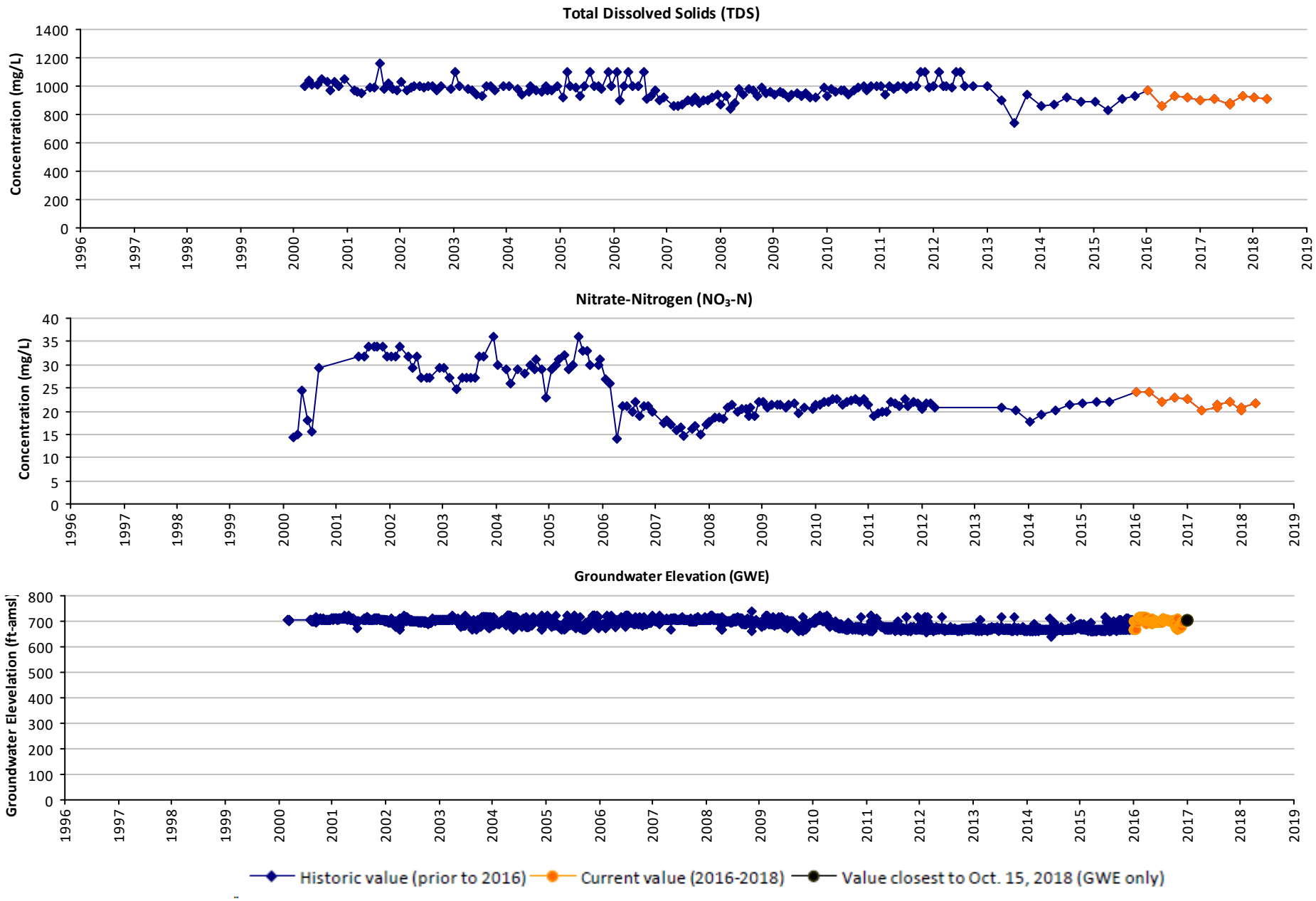
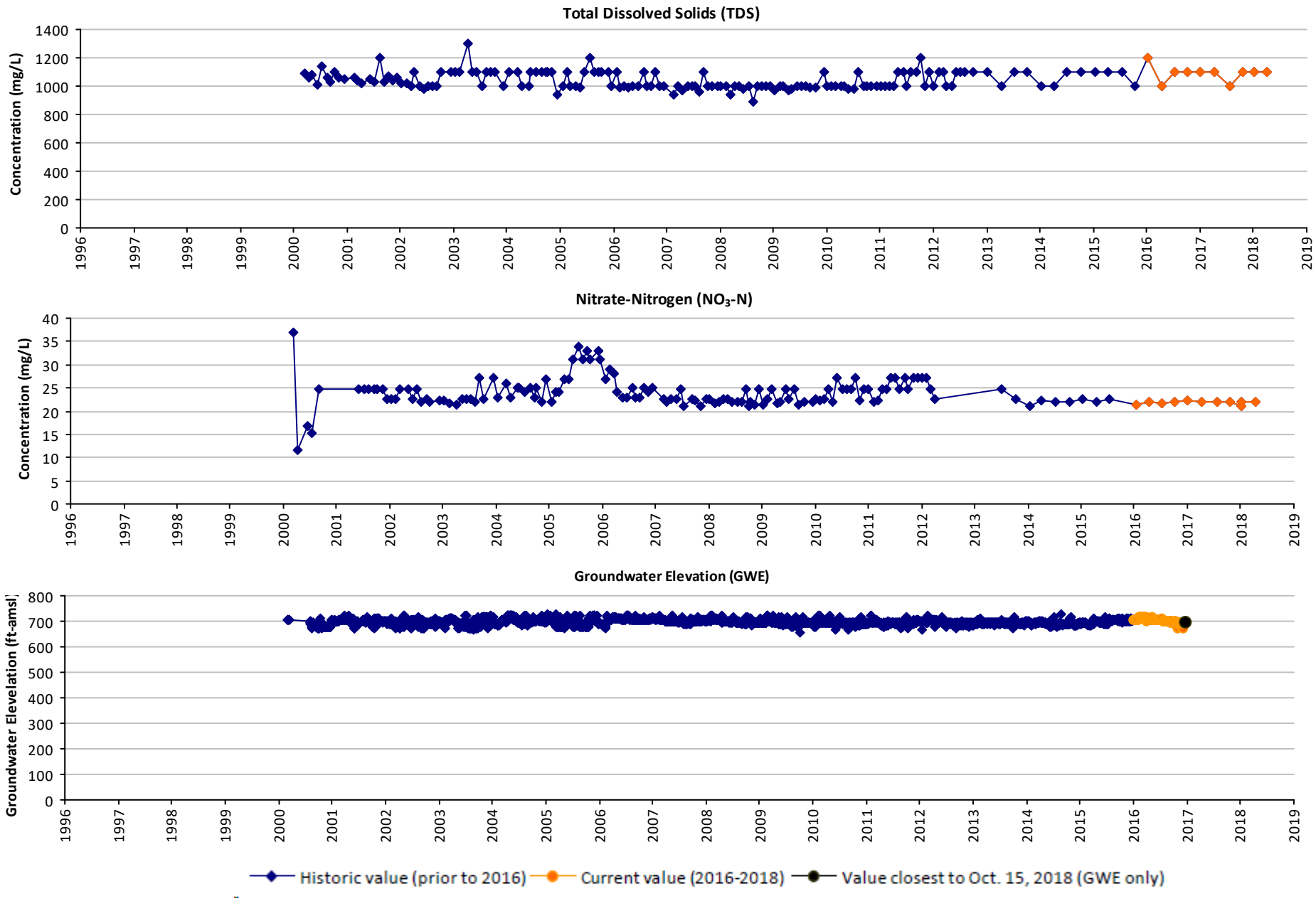
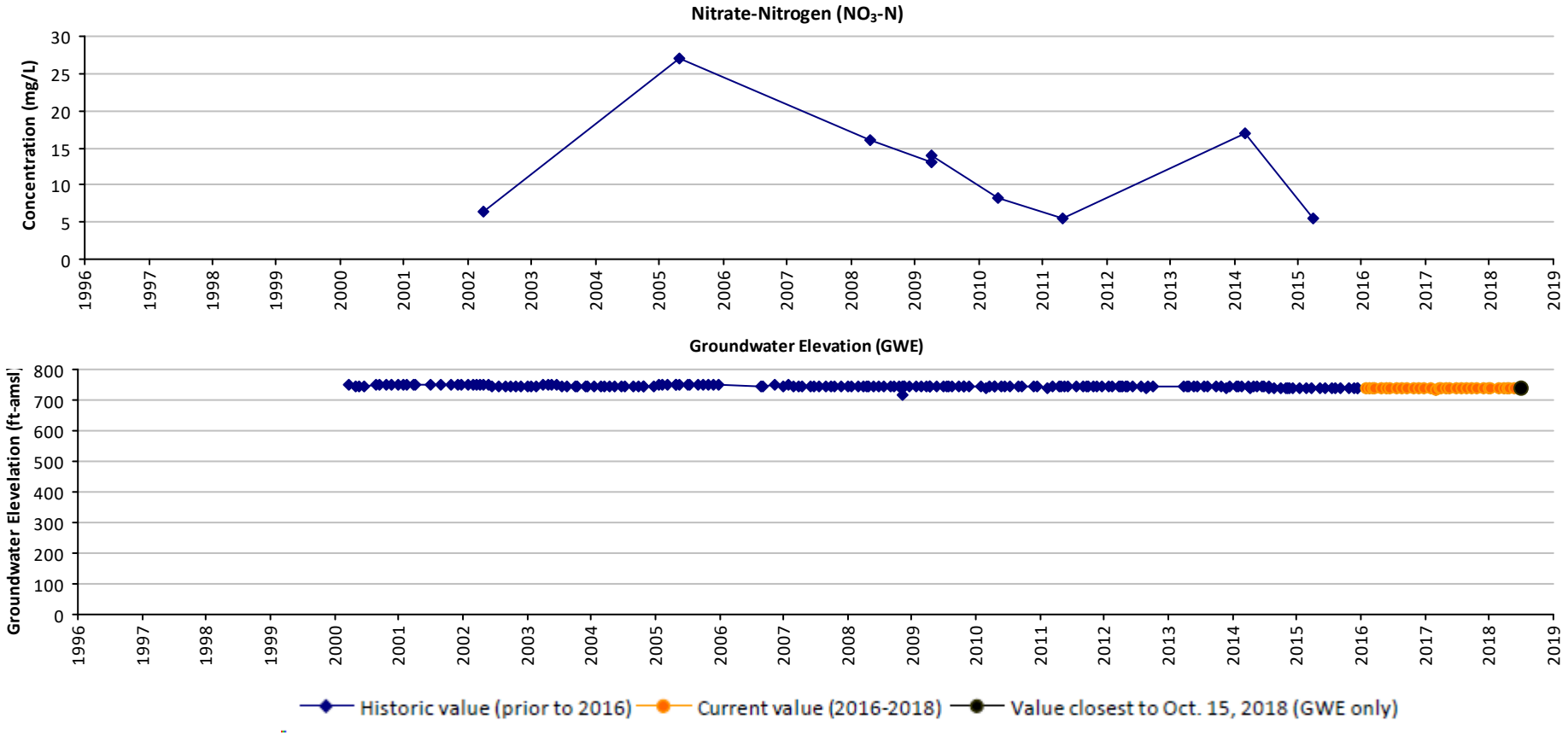
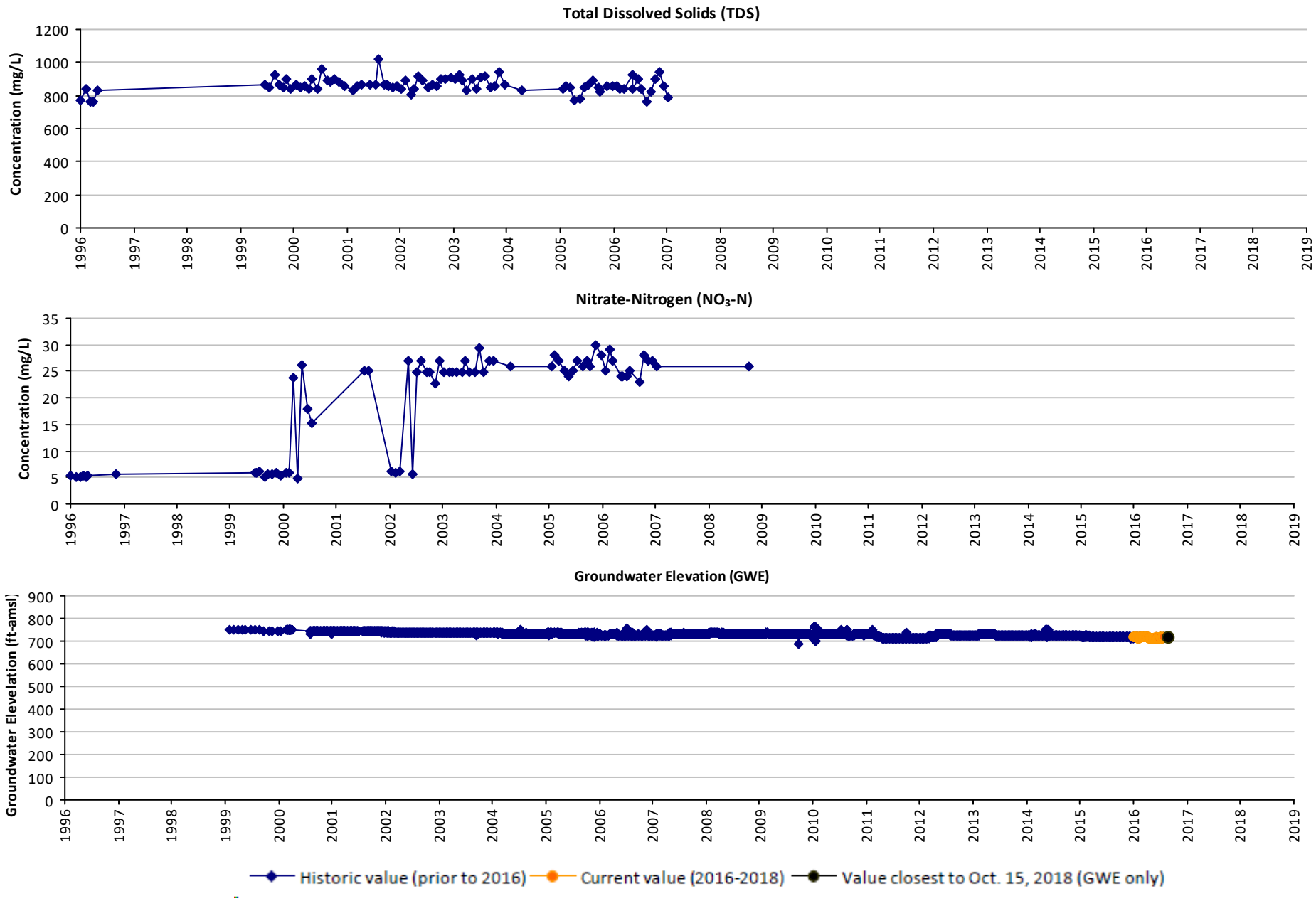
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

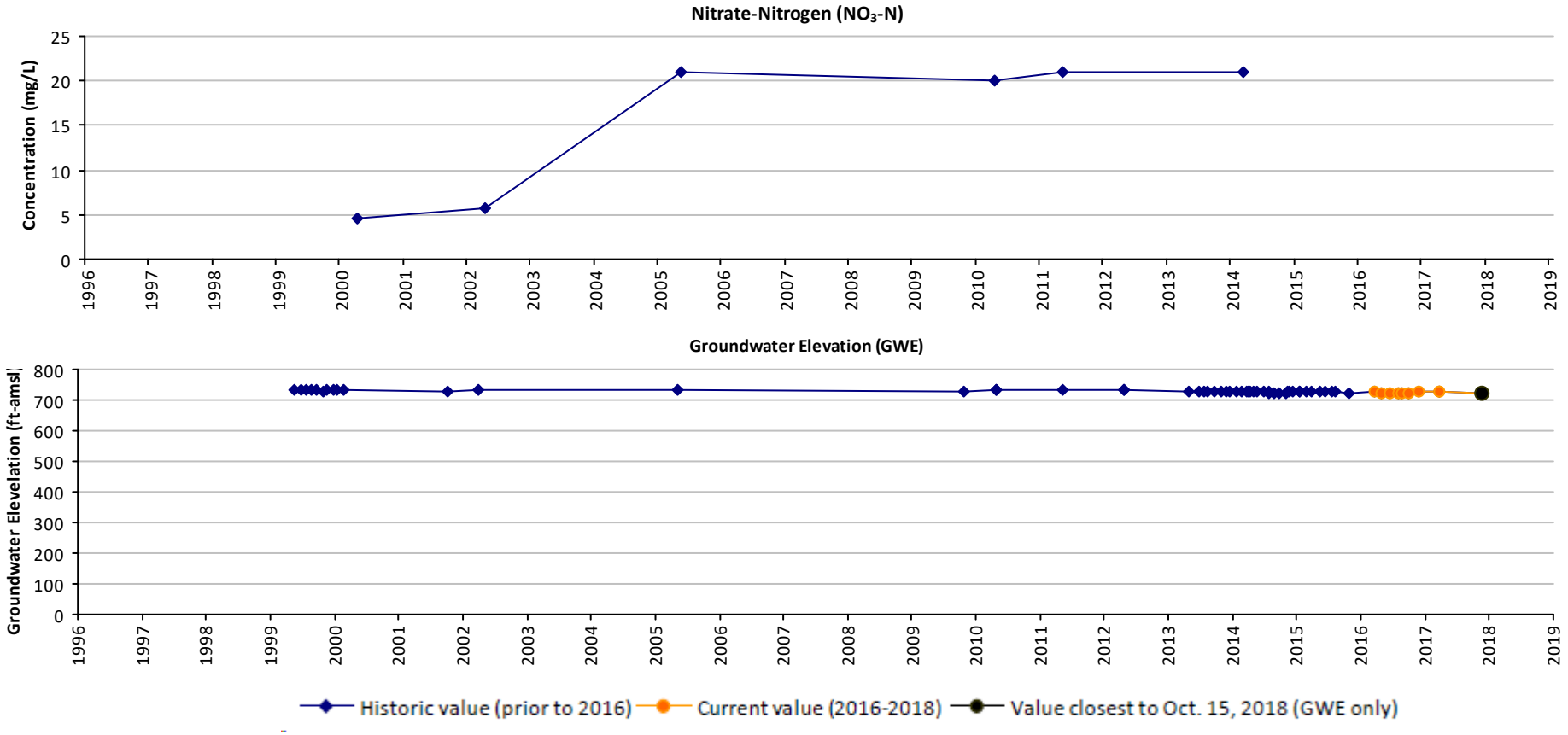

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



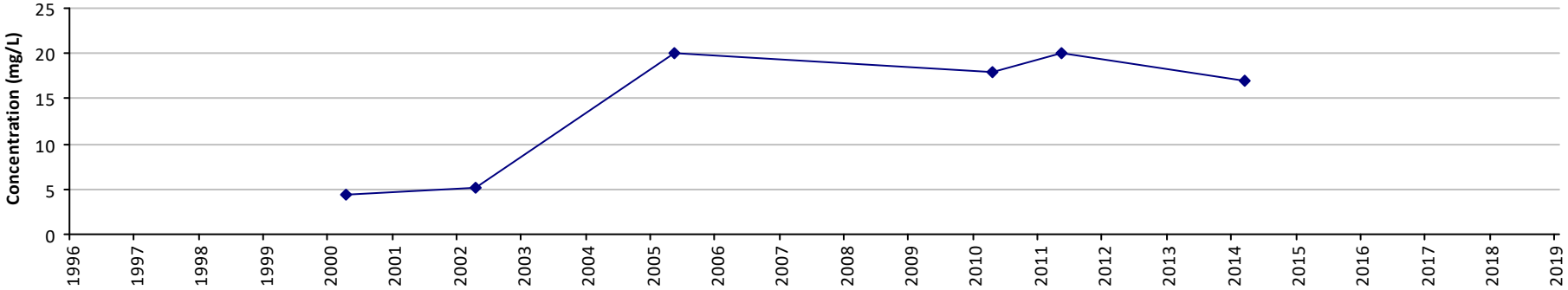

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

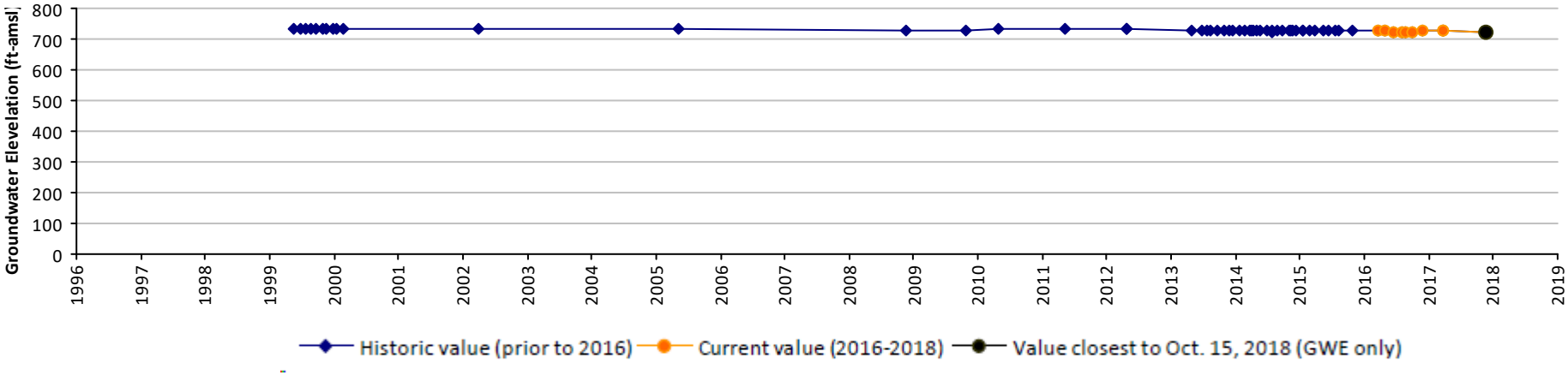


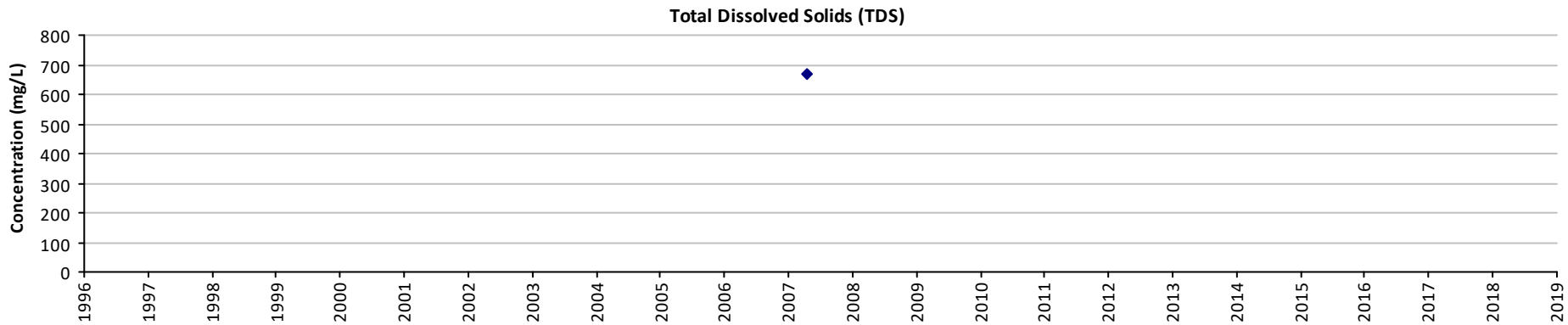
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
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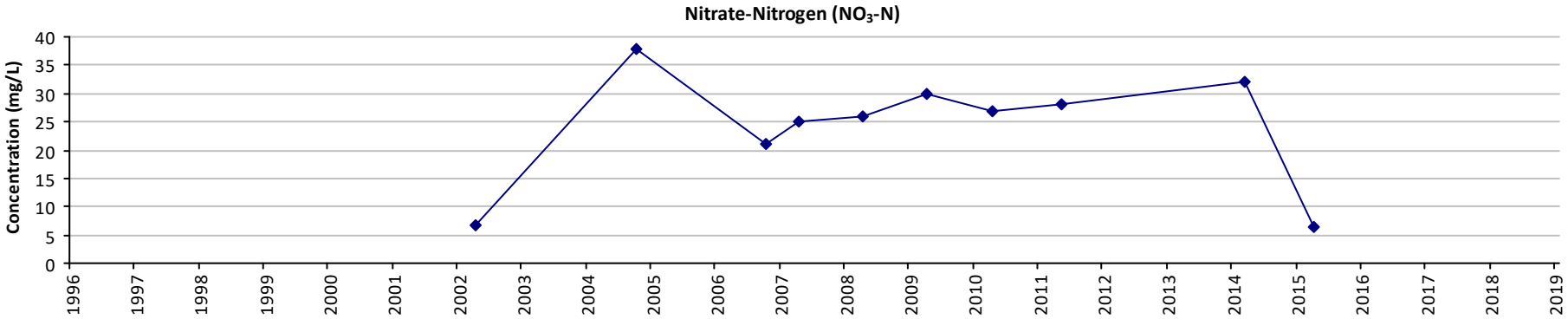
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
1996
1997
1998
1999
2000
2001
2002
2003
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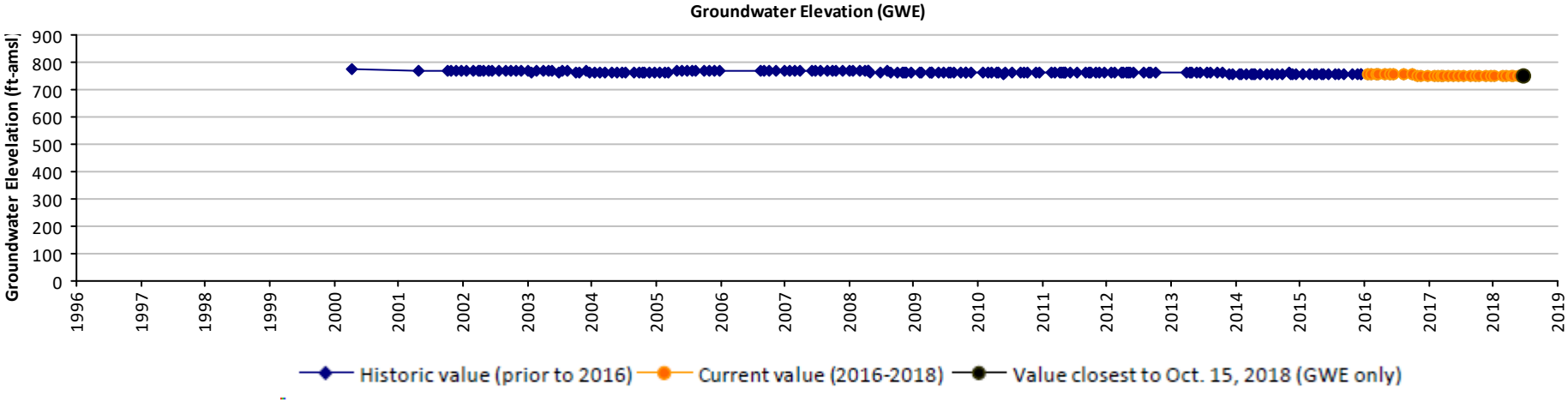
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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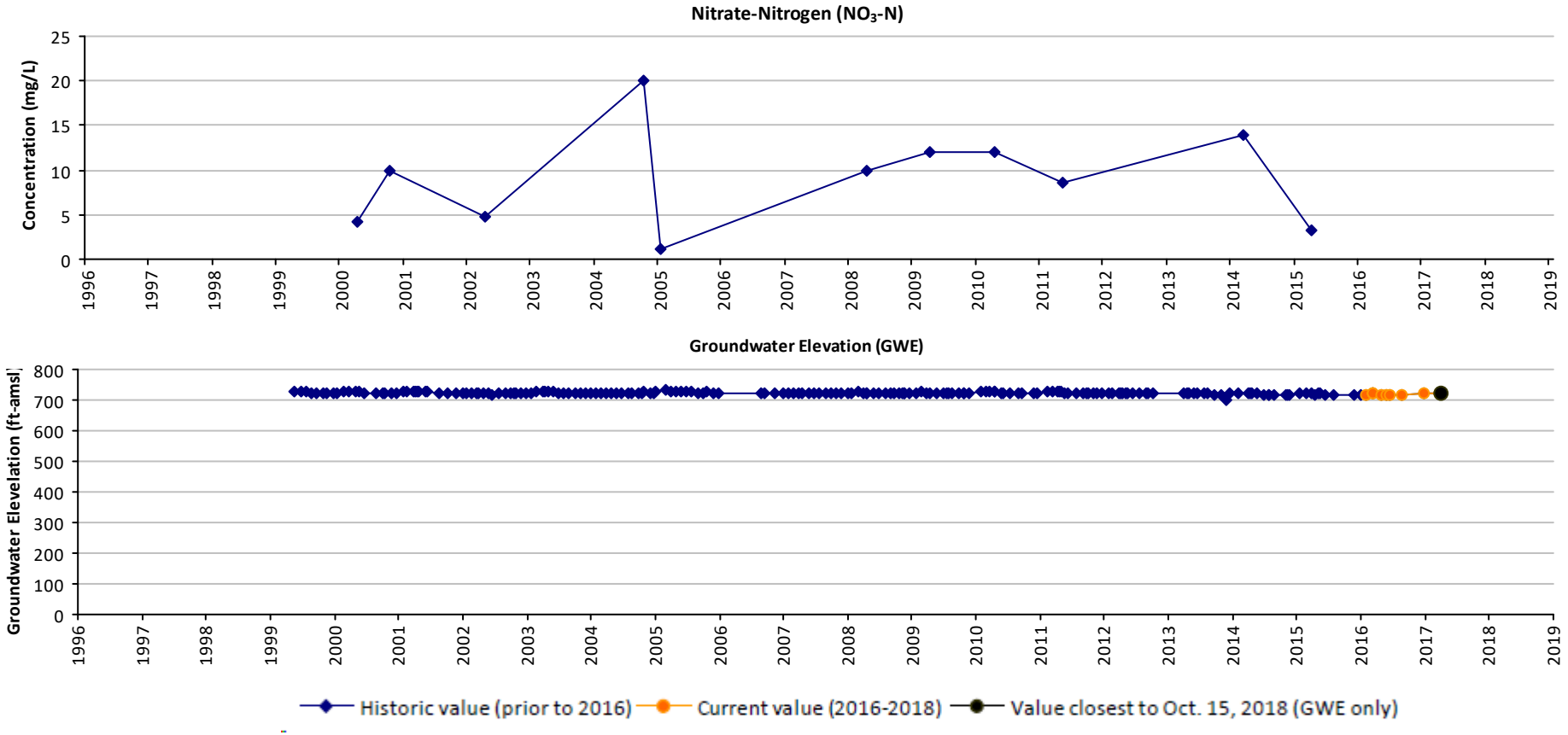
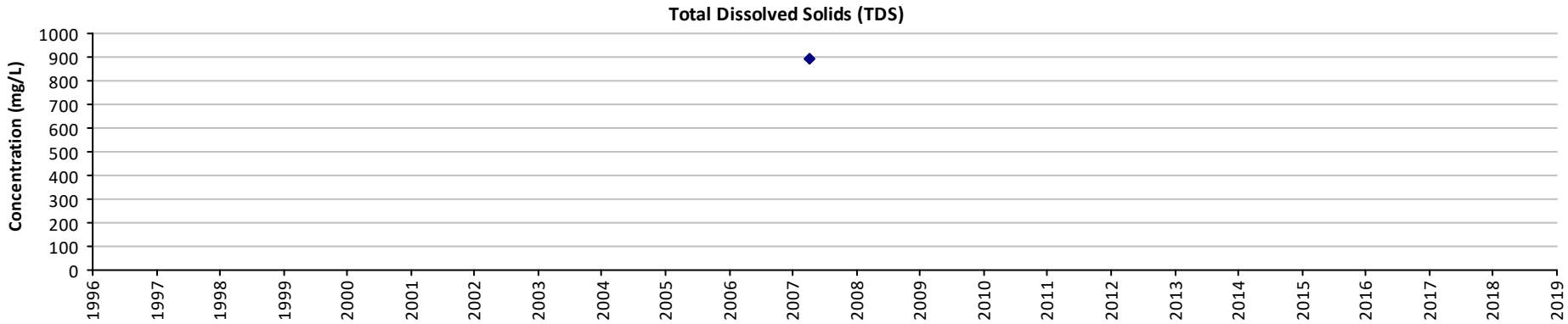
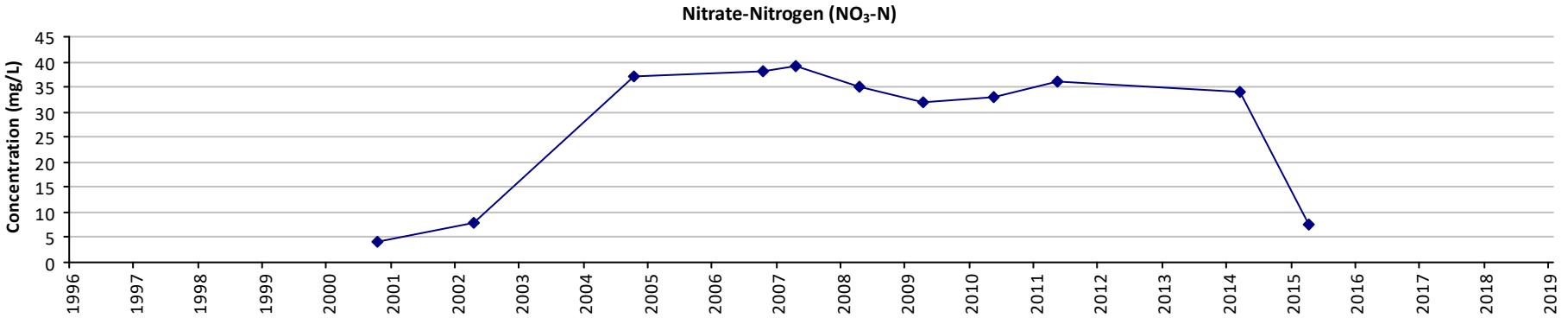
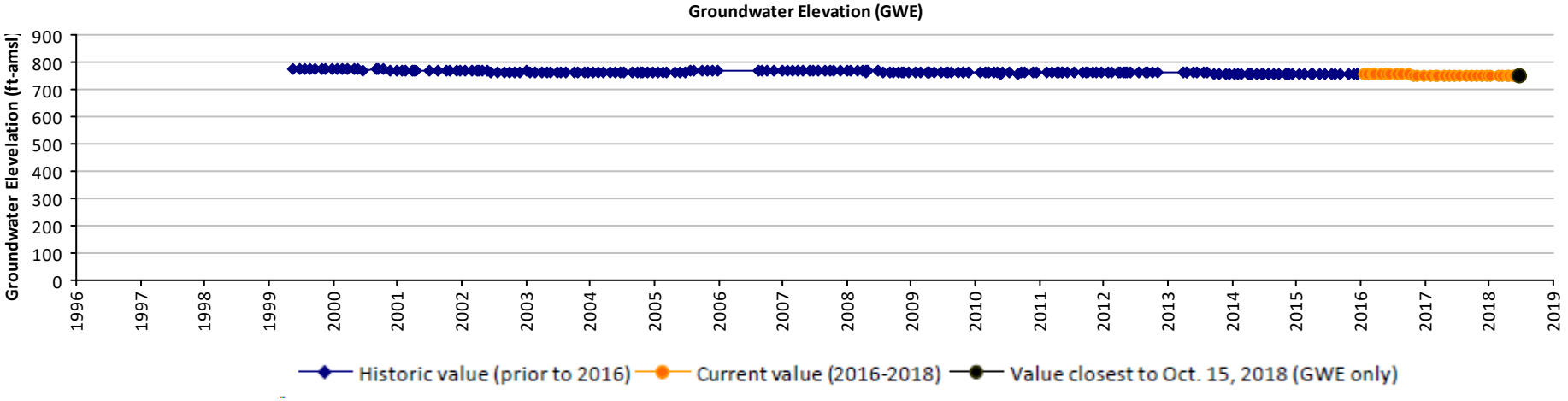
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

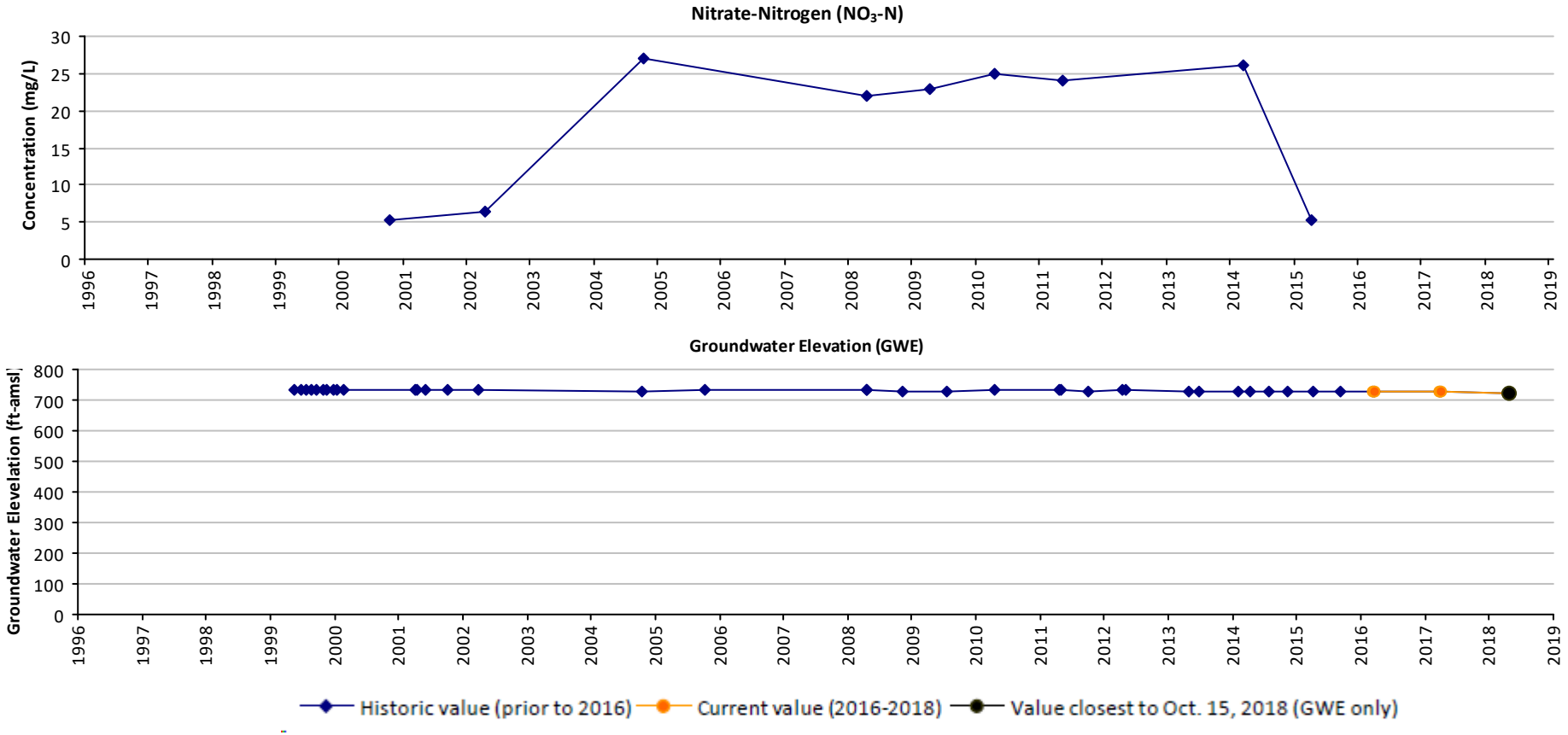



Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

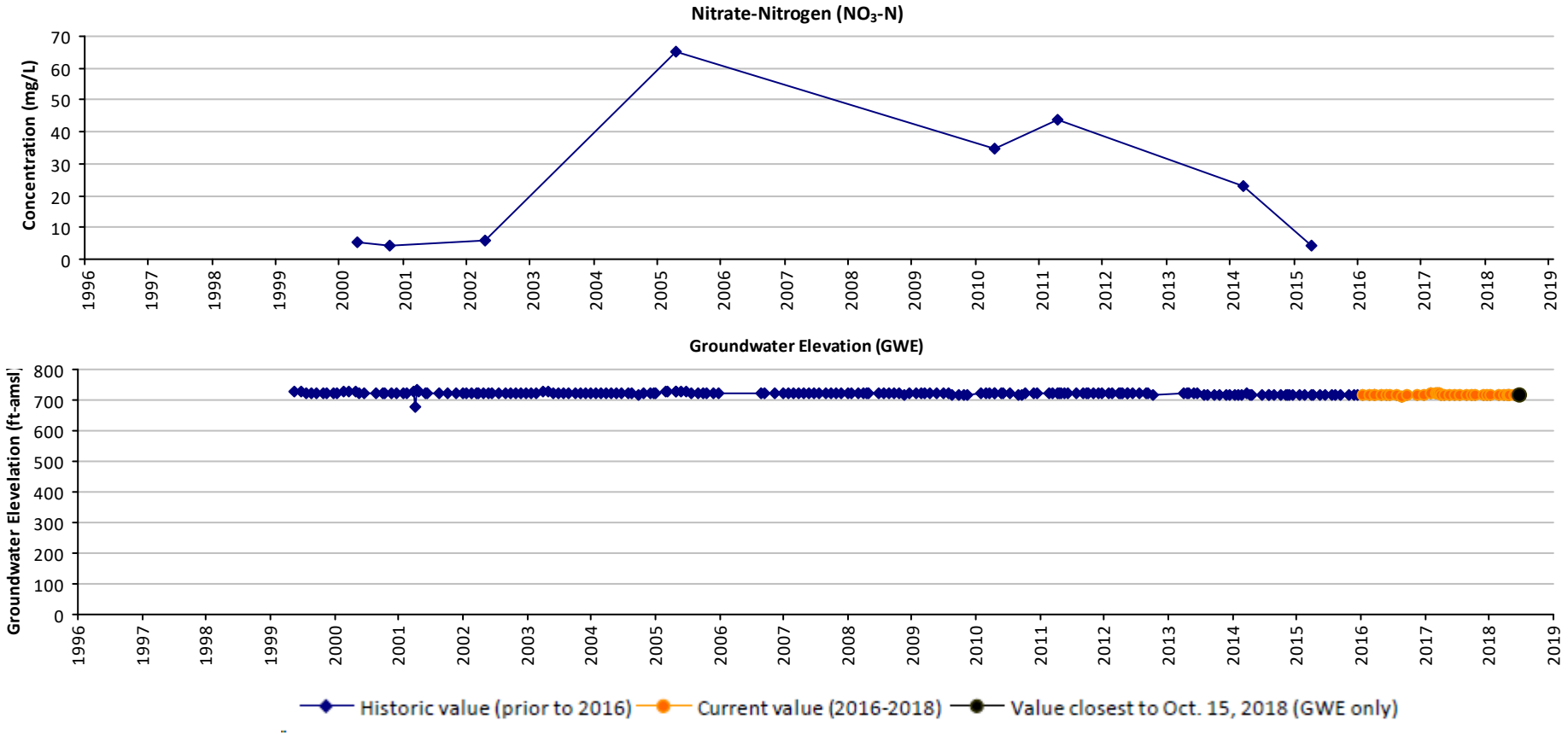

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

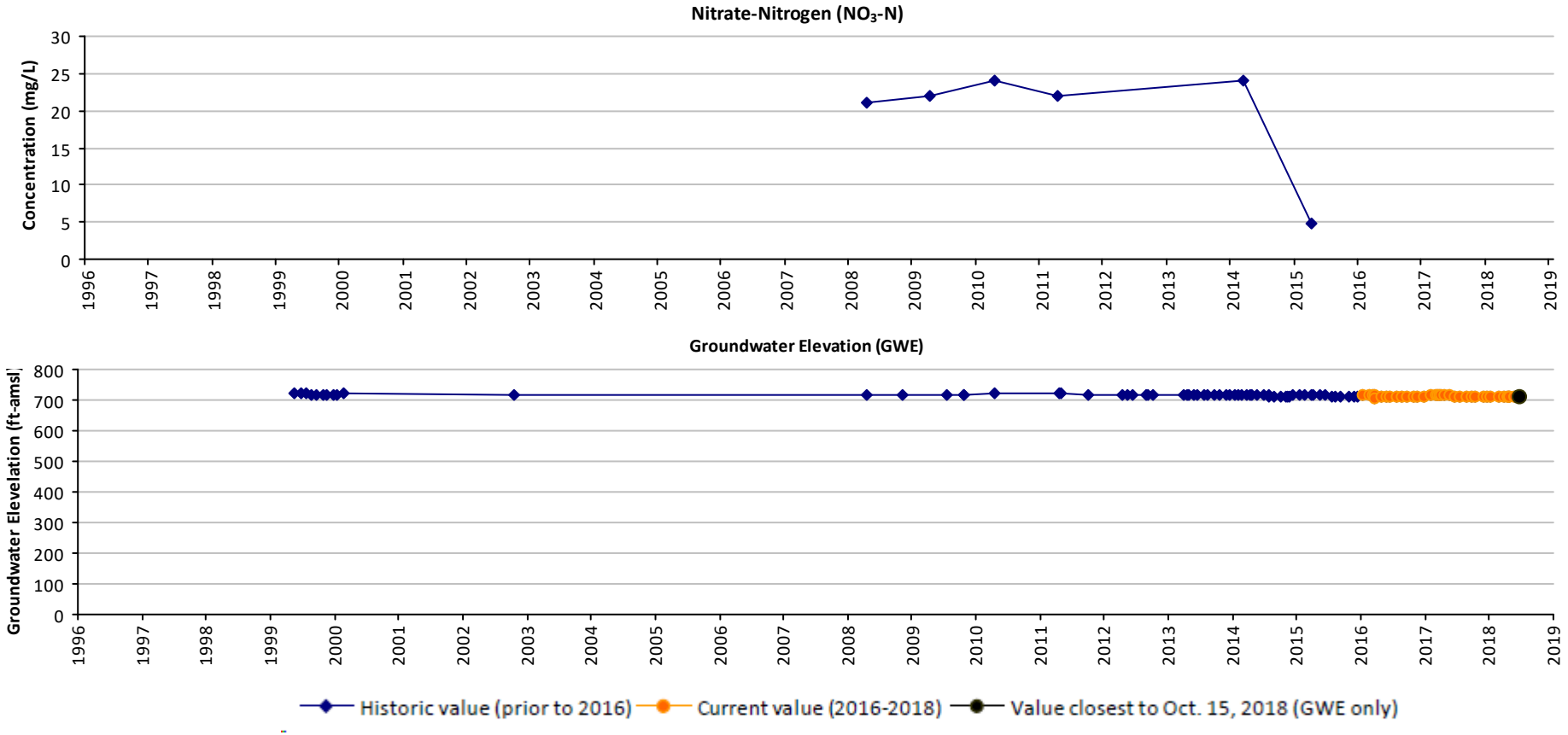
Total Dissolved Solids (TDS)



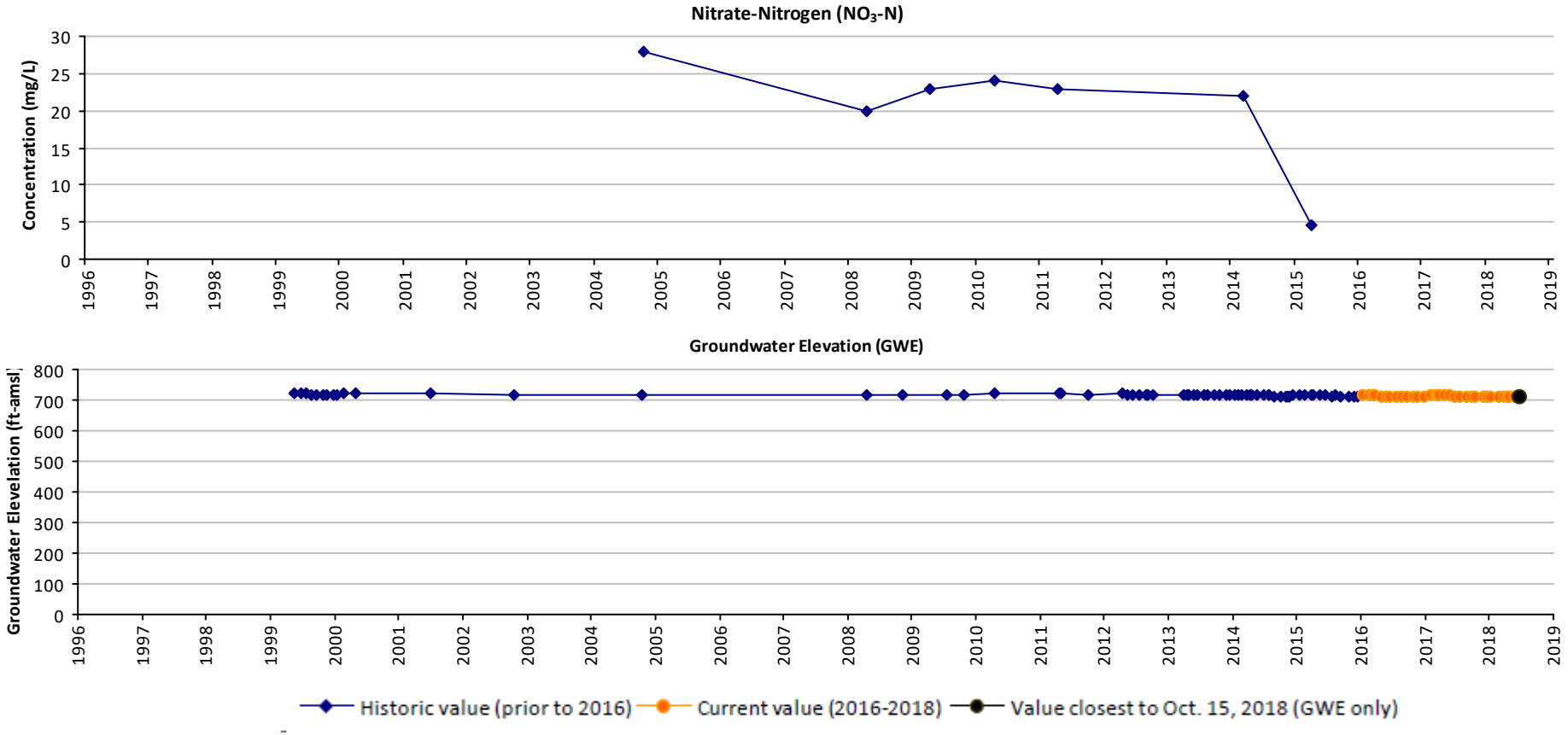
Total Dissolved Solids (TDS)



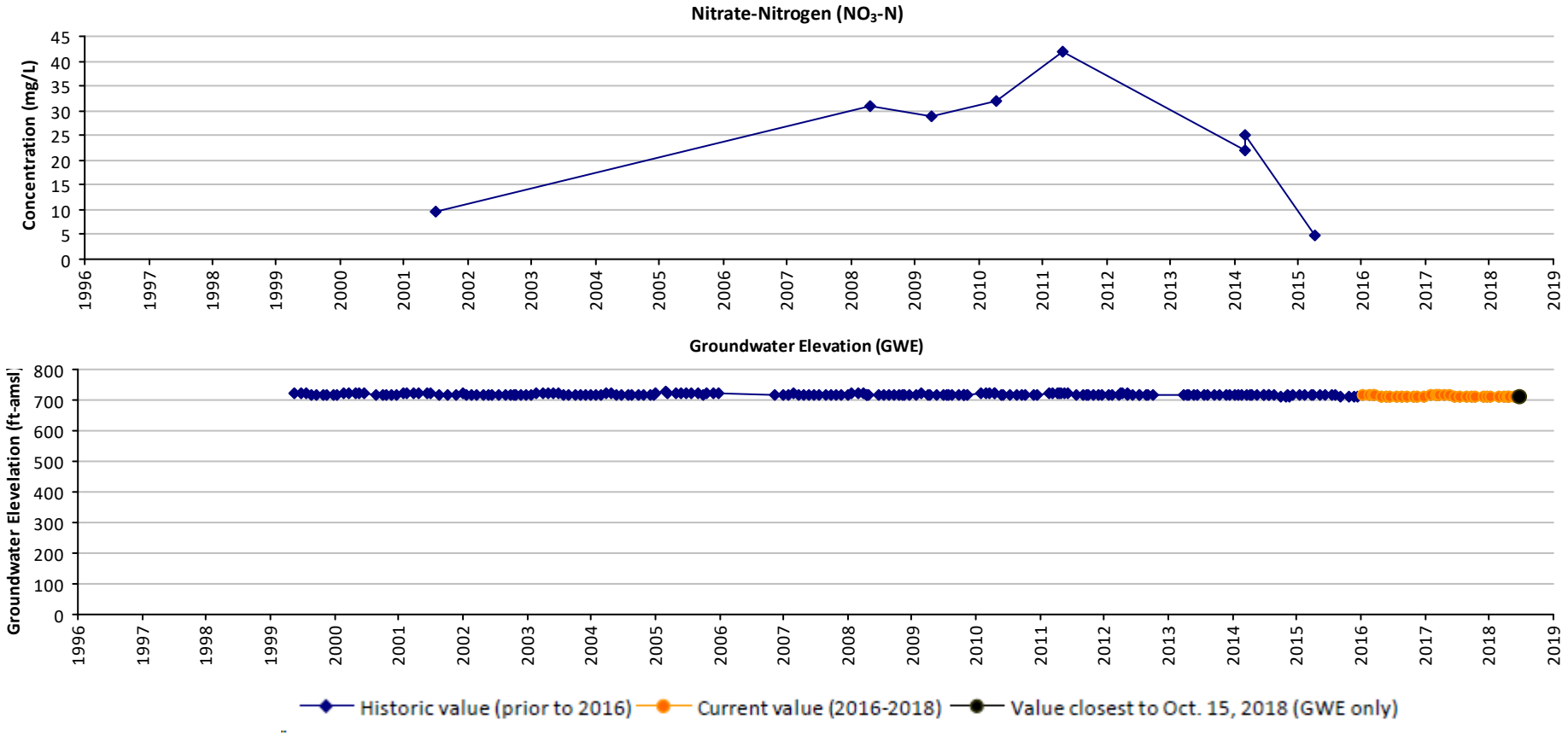
Total Dissolved Solids (TDS)

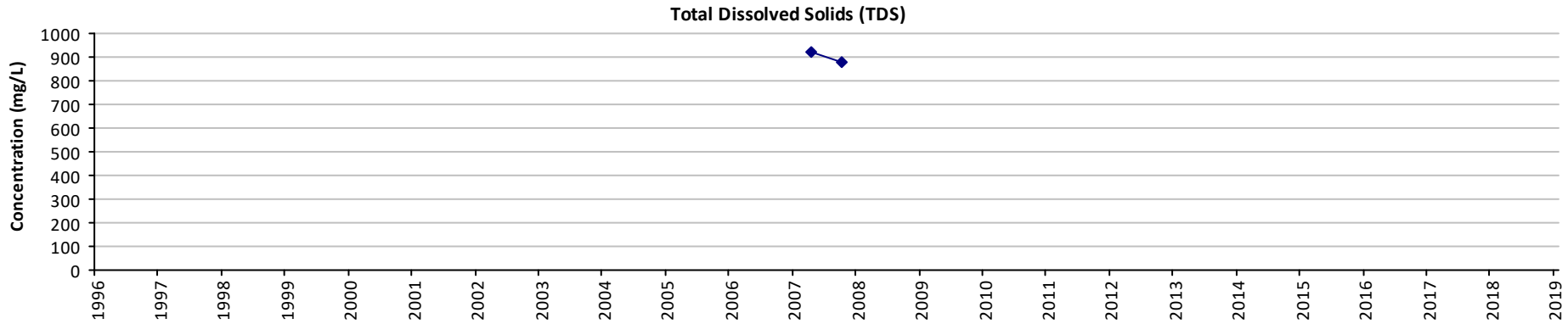


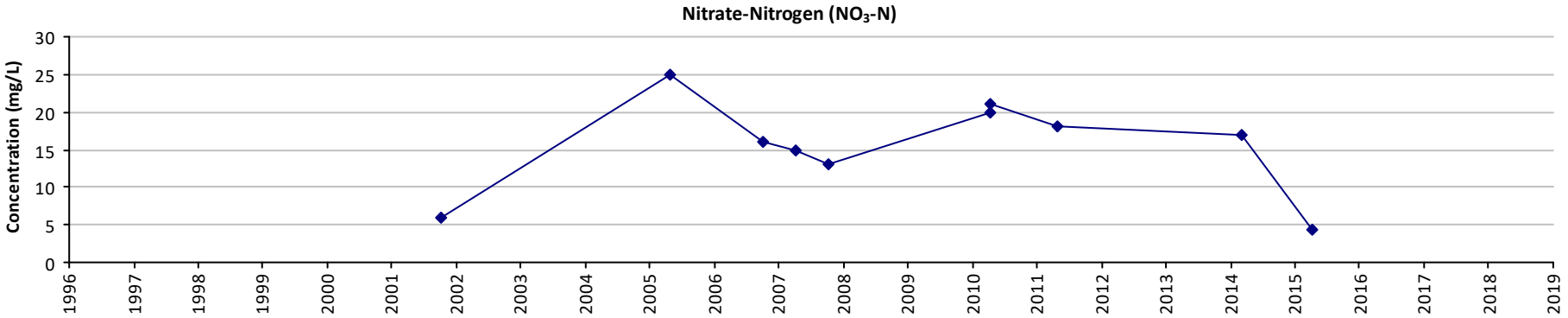
Total Dissolved Solids (TDS)

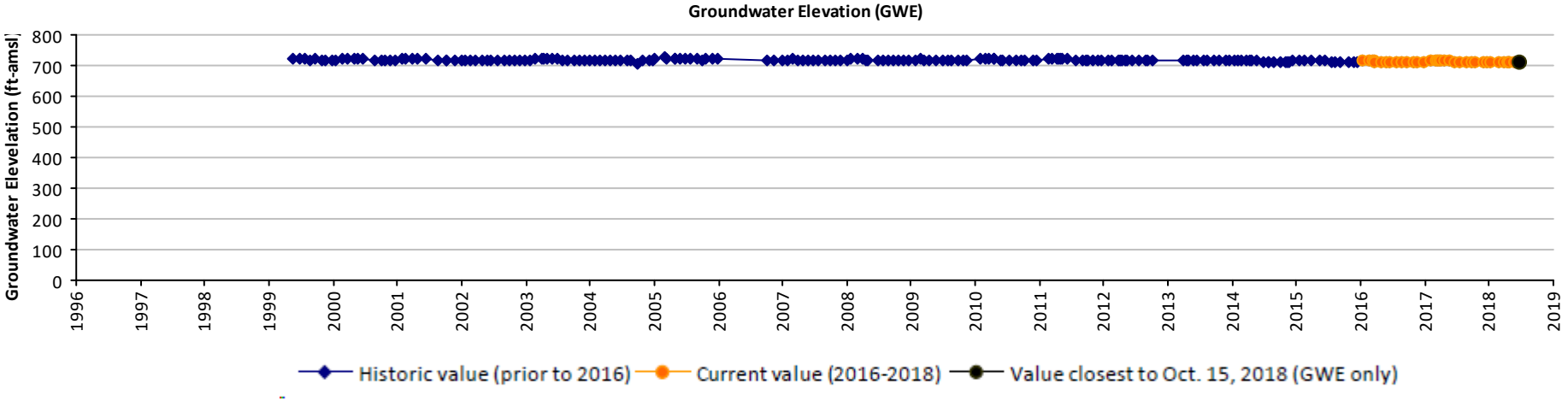


Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

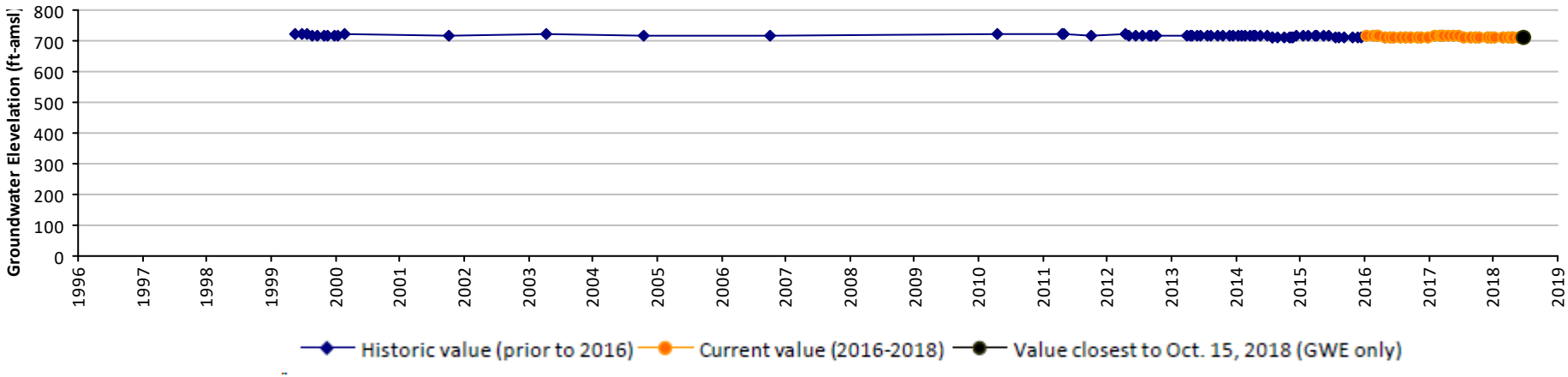

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

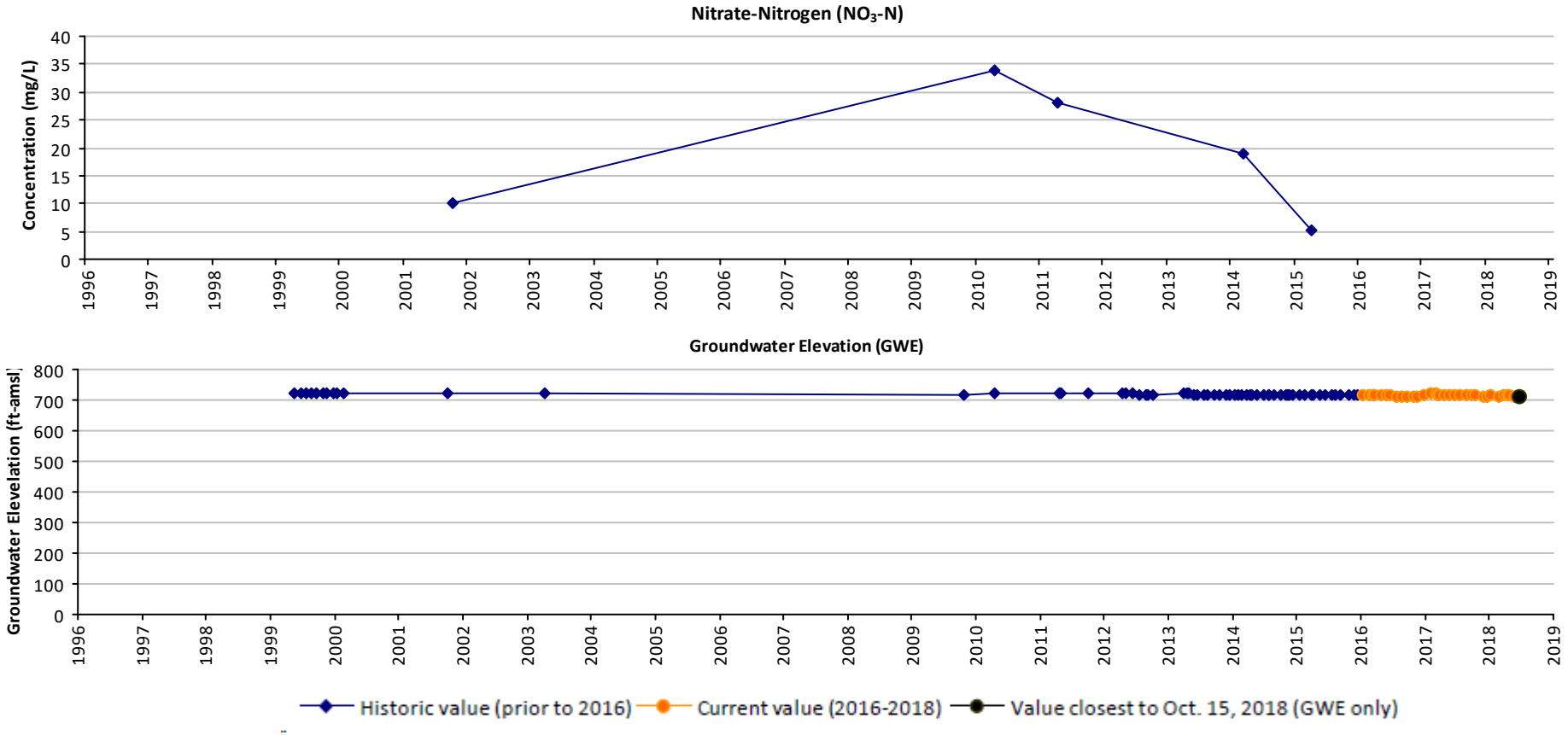
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

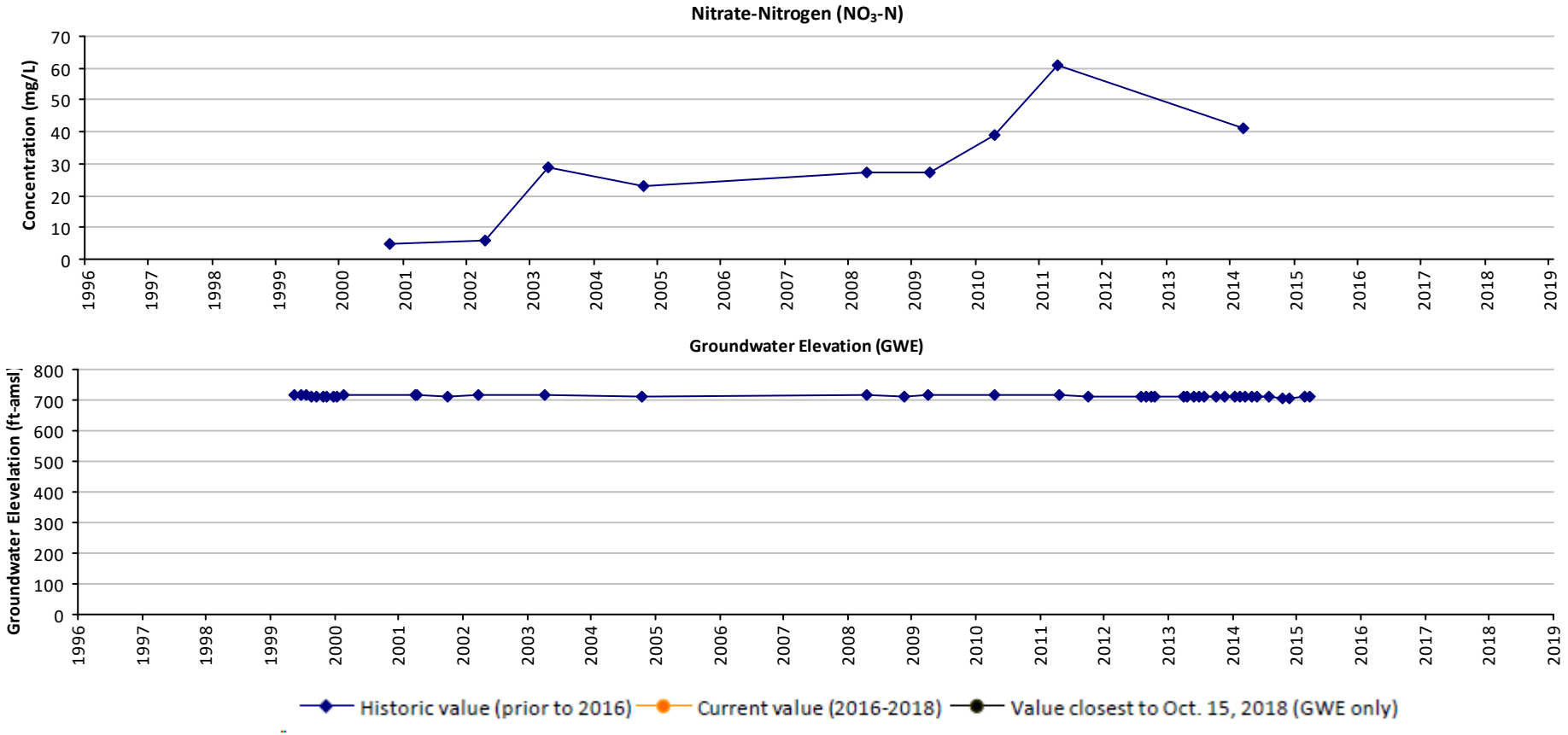
Groundwater Elevation (GWE)



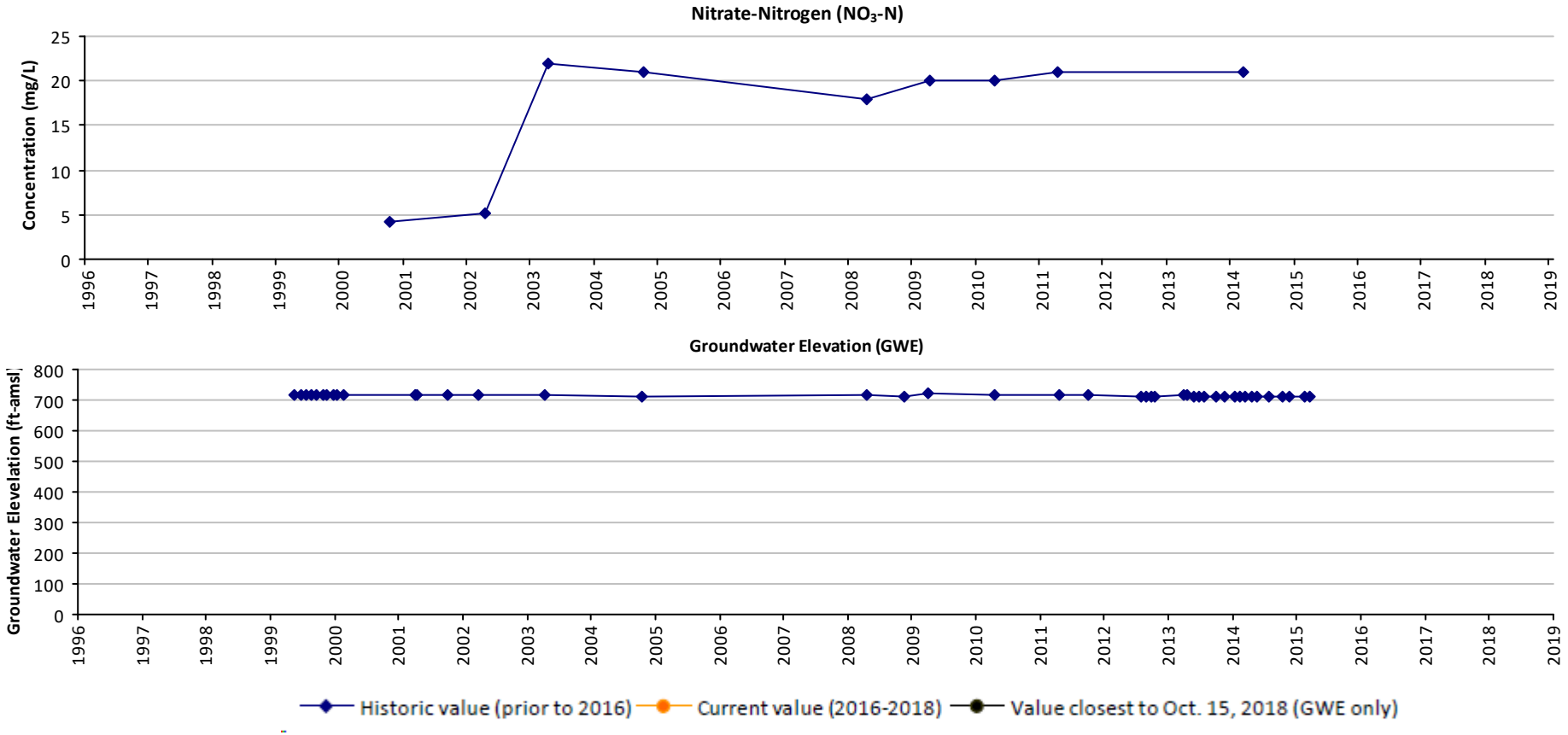
Total Dissolved Solids (TDS)

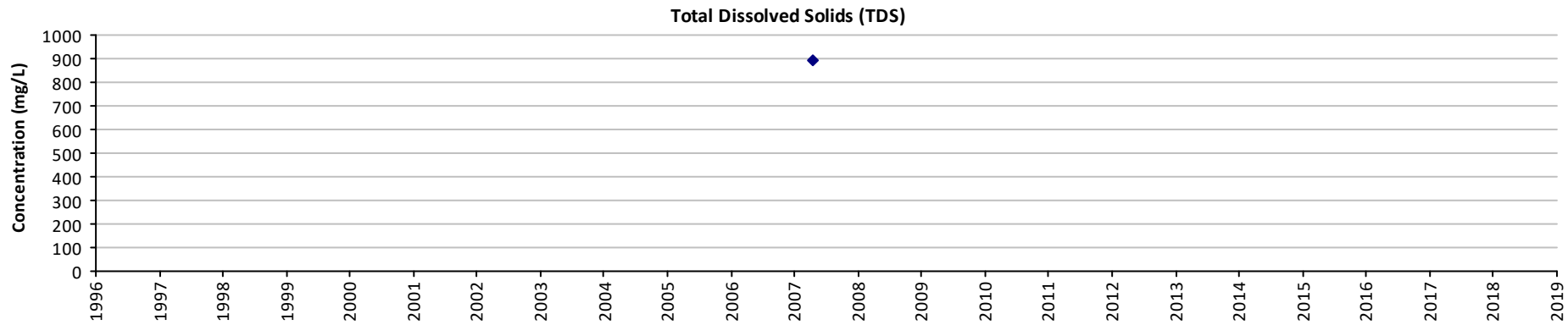


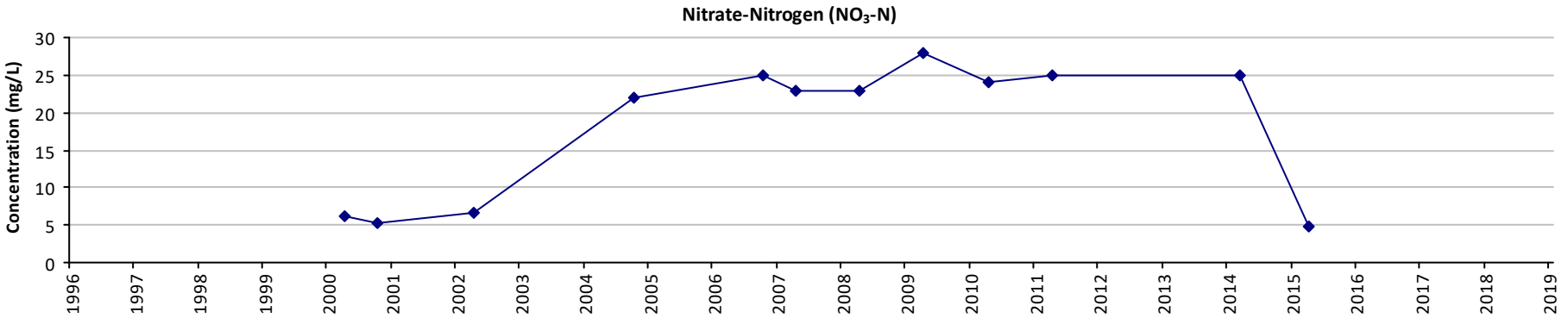
Total Dissolved Solids (TDS)

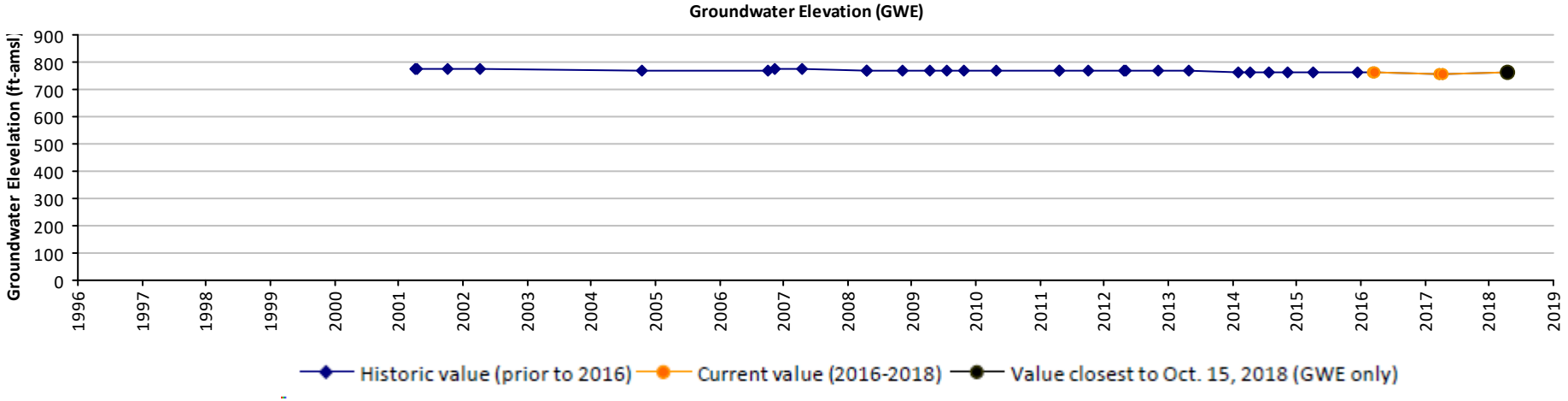


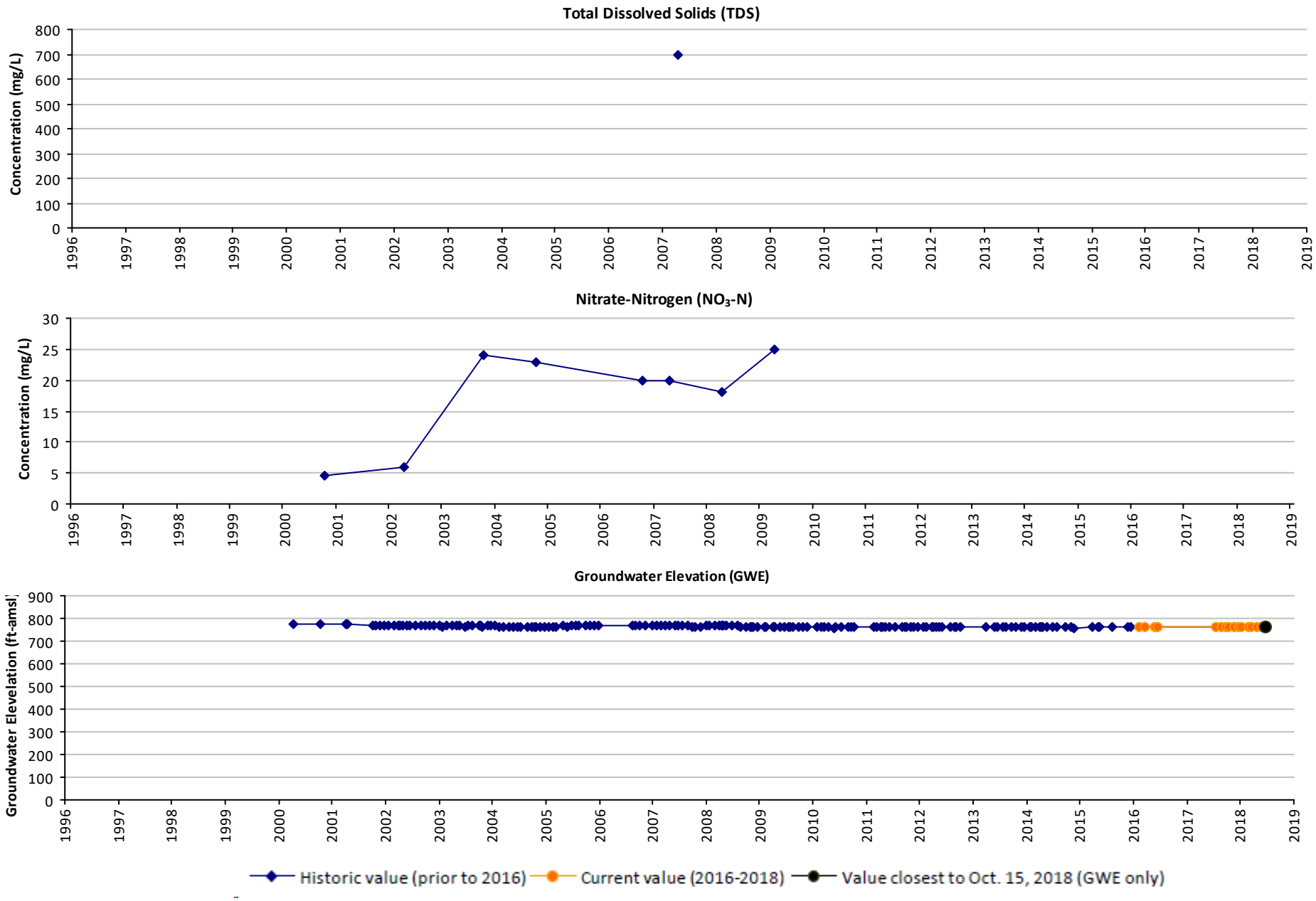
Total Dissolved Solids (TDS)

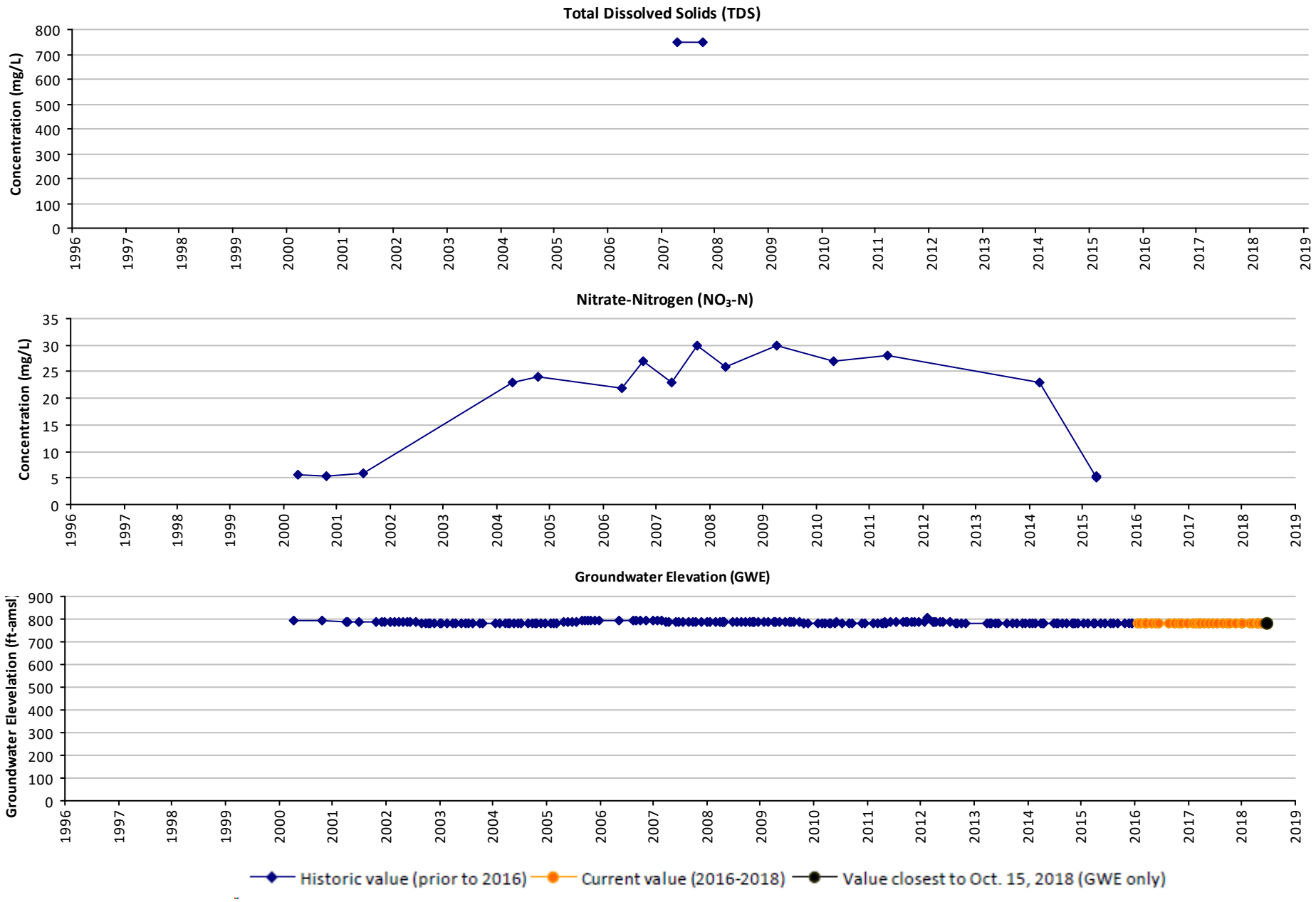


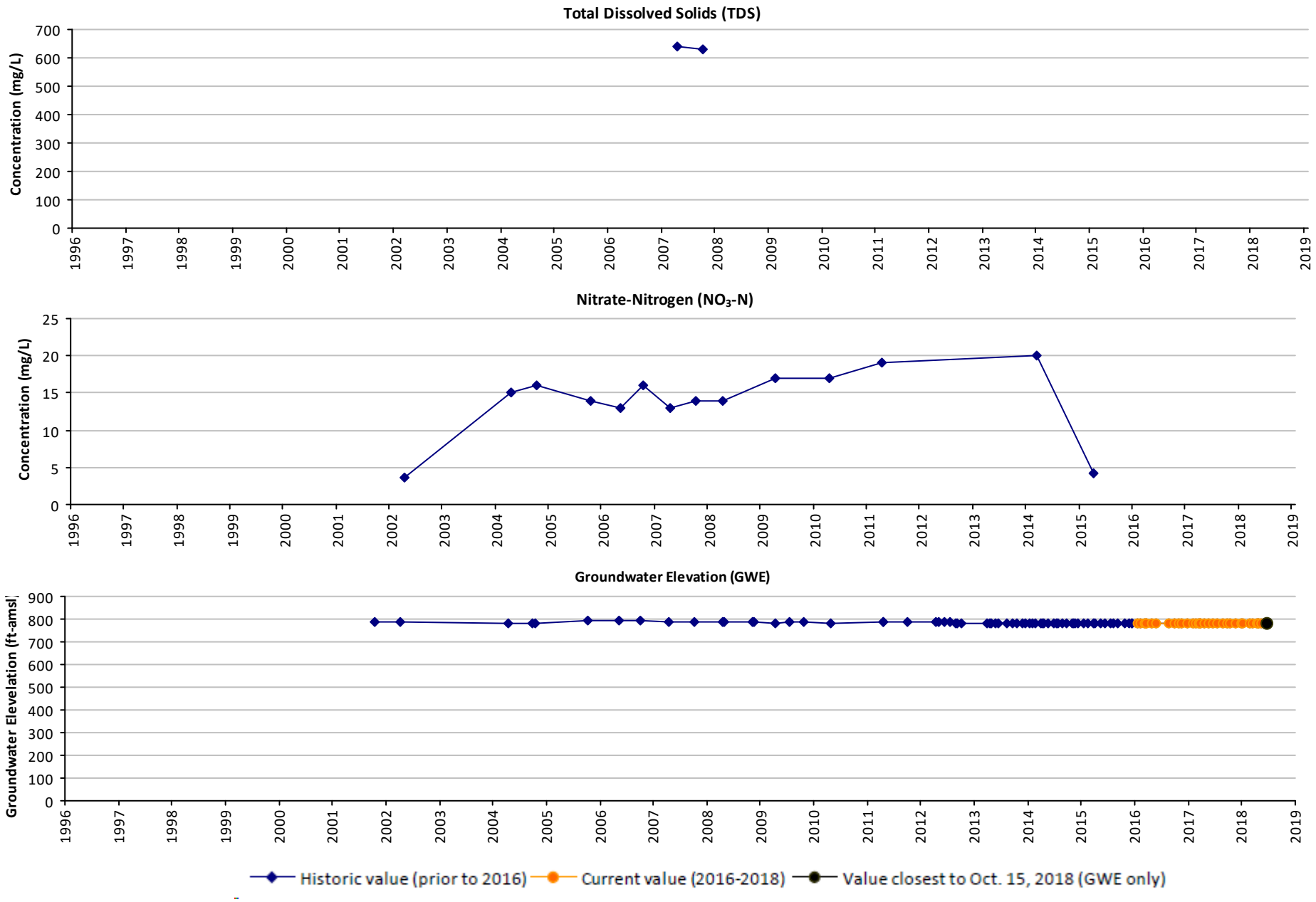

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

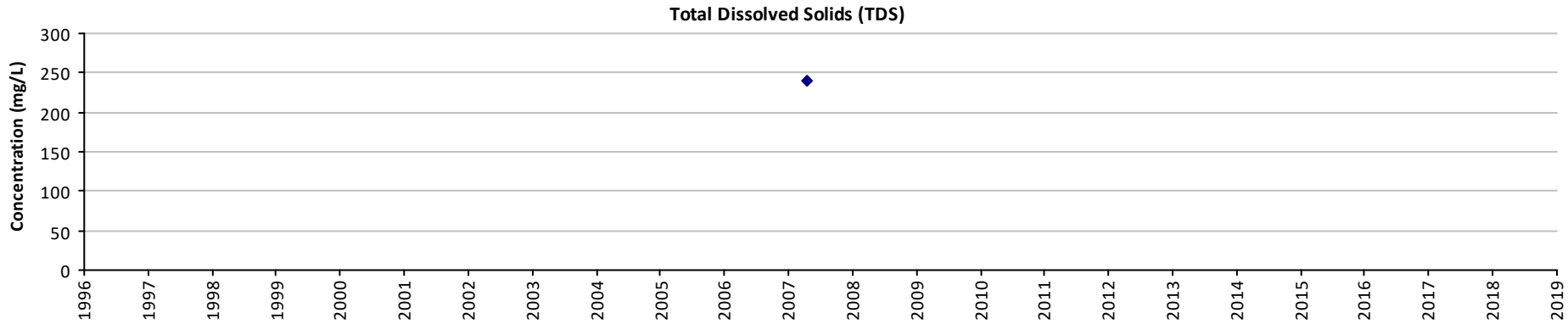

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

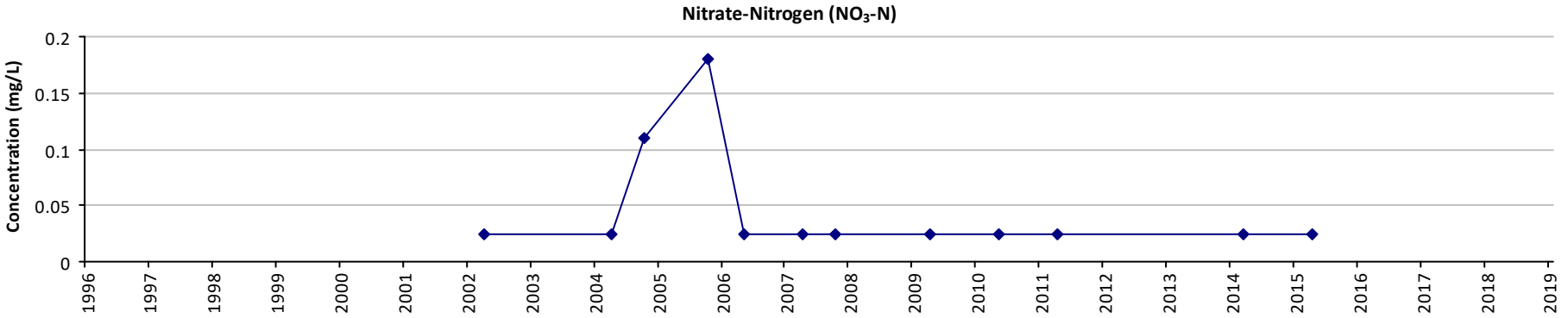

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2007
2008
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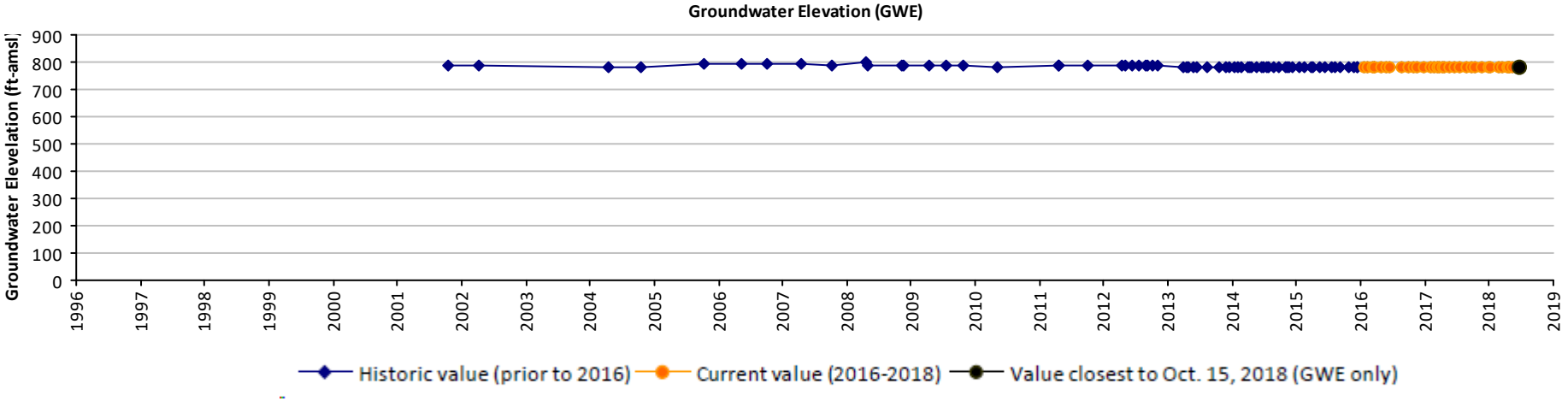
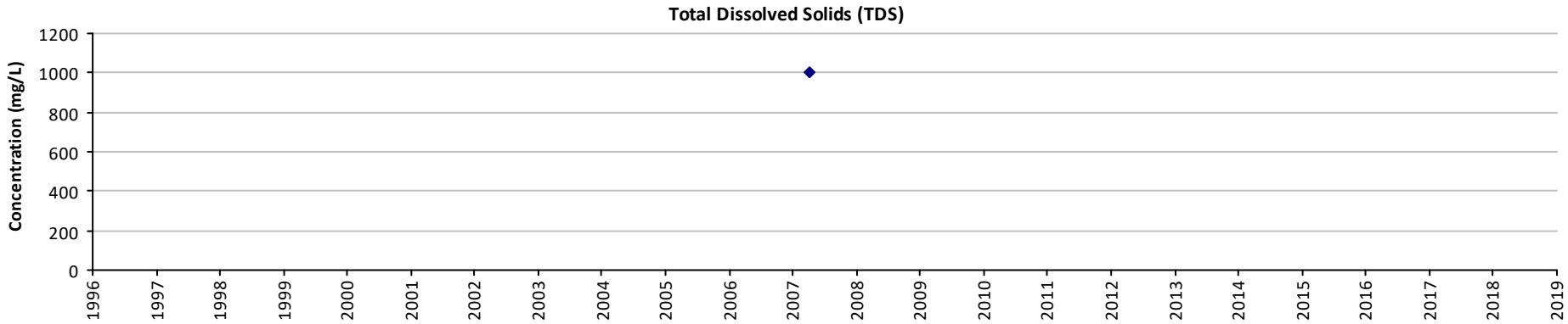
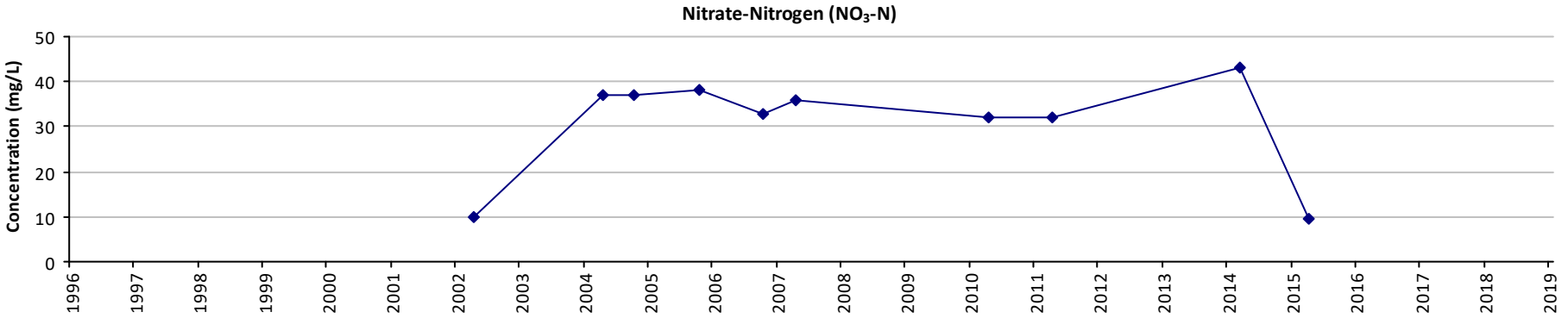
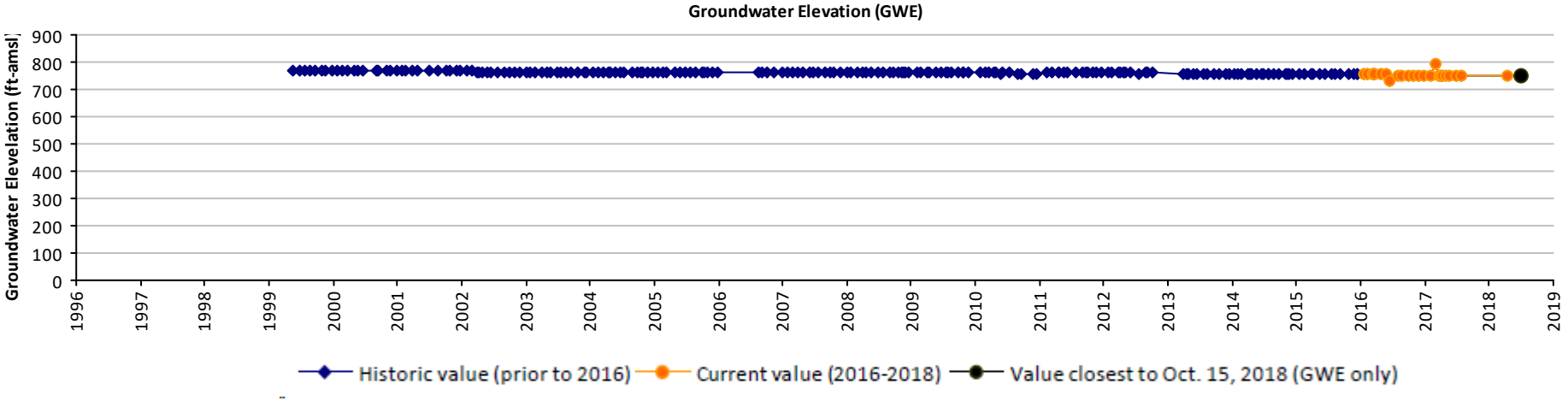
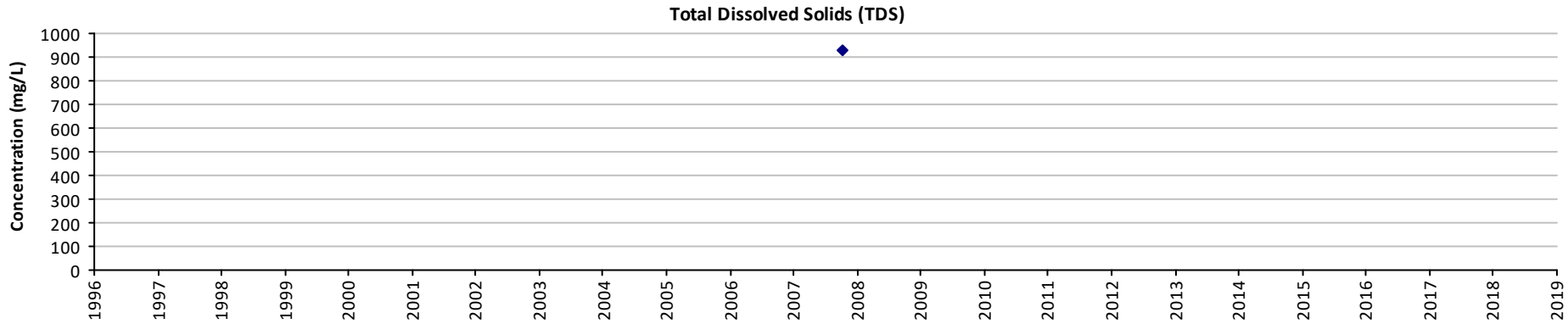
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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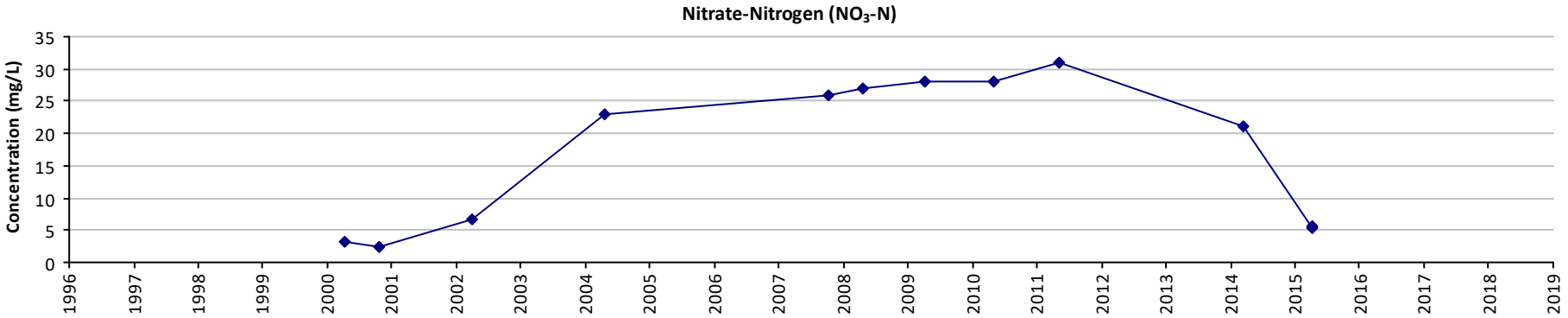
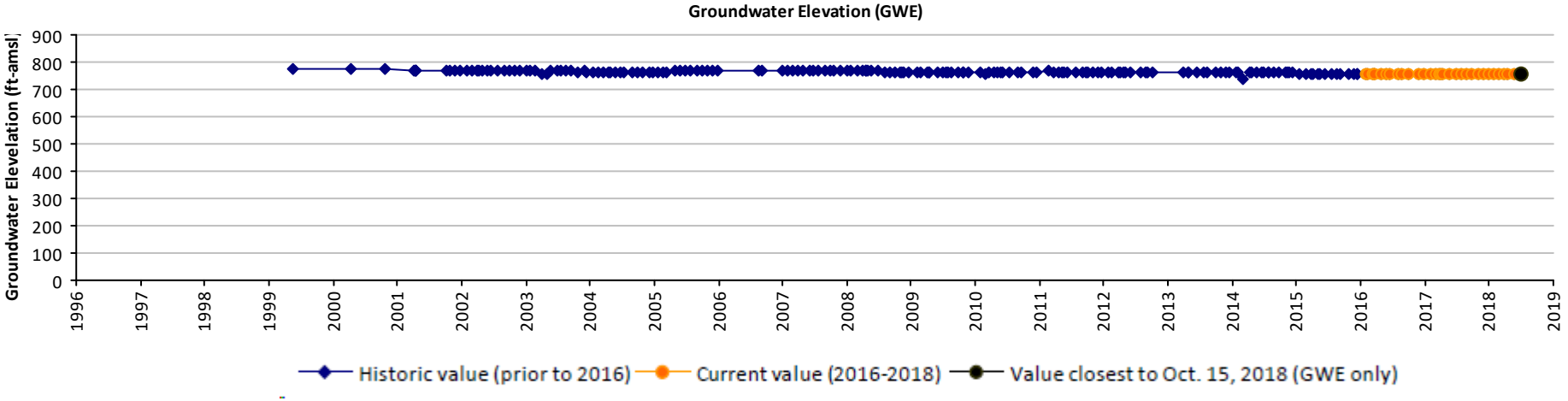
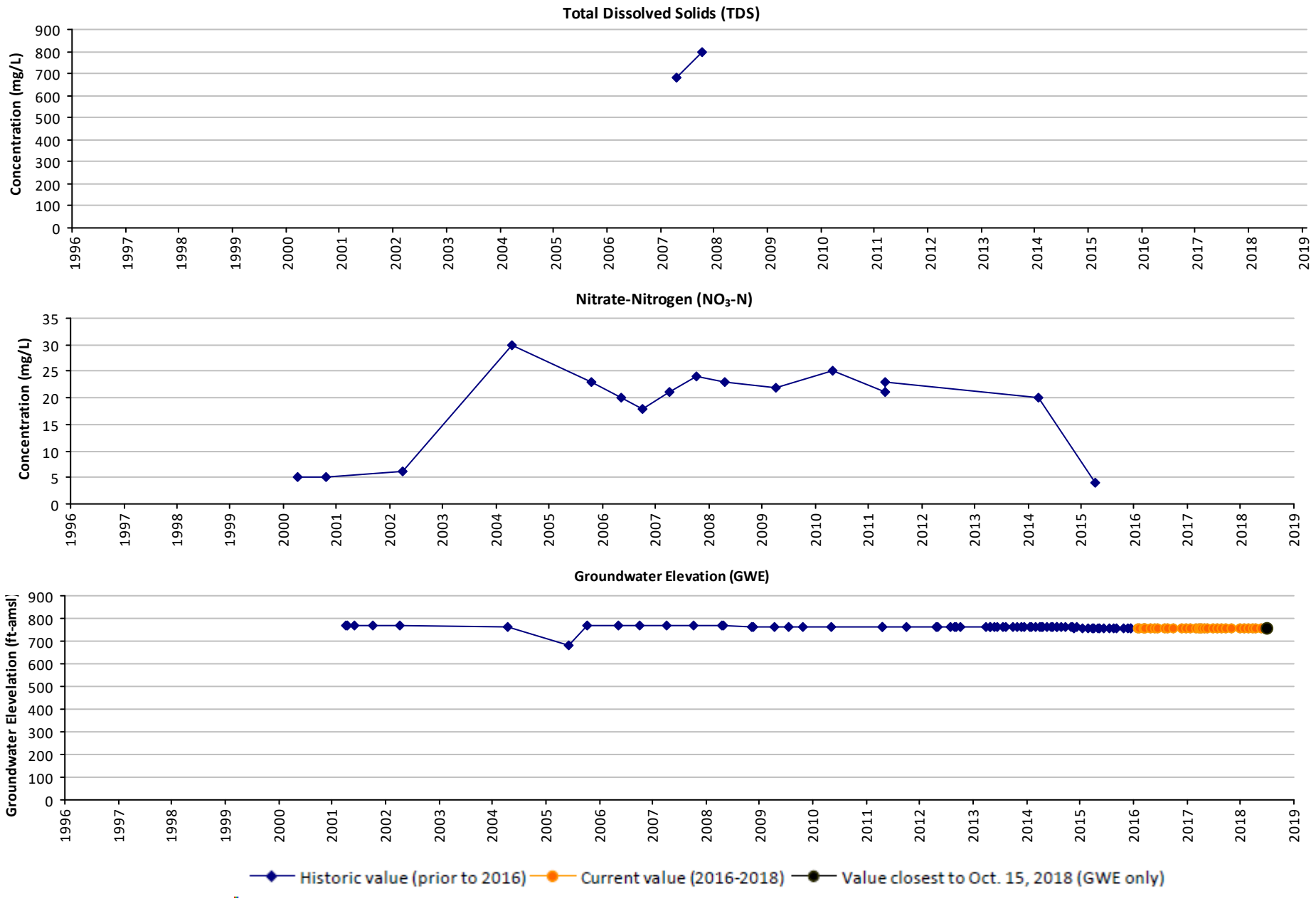
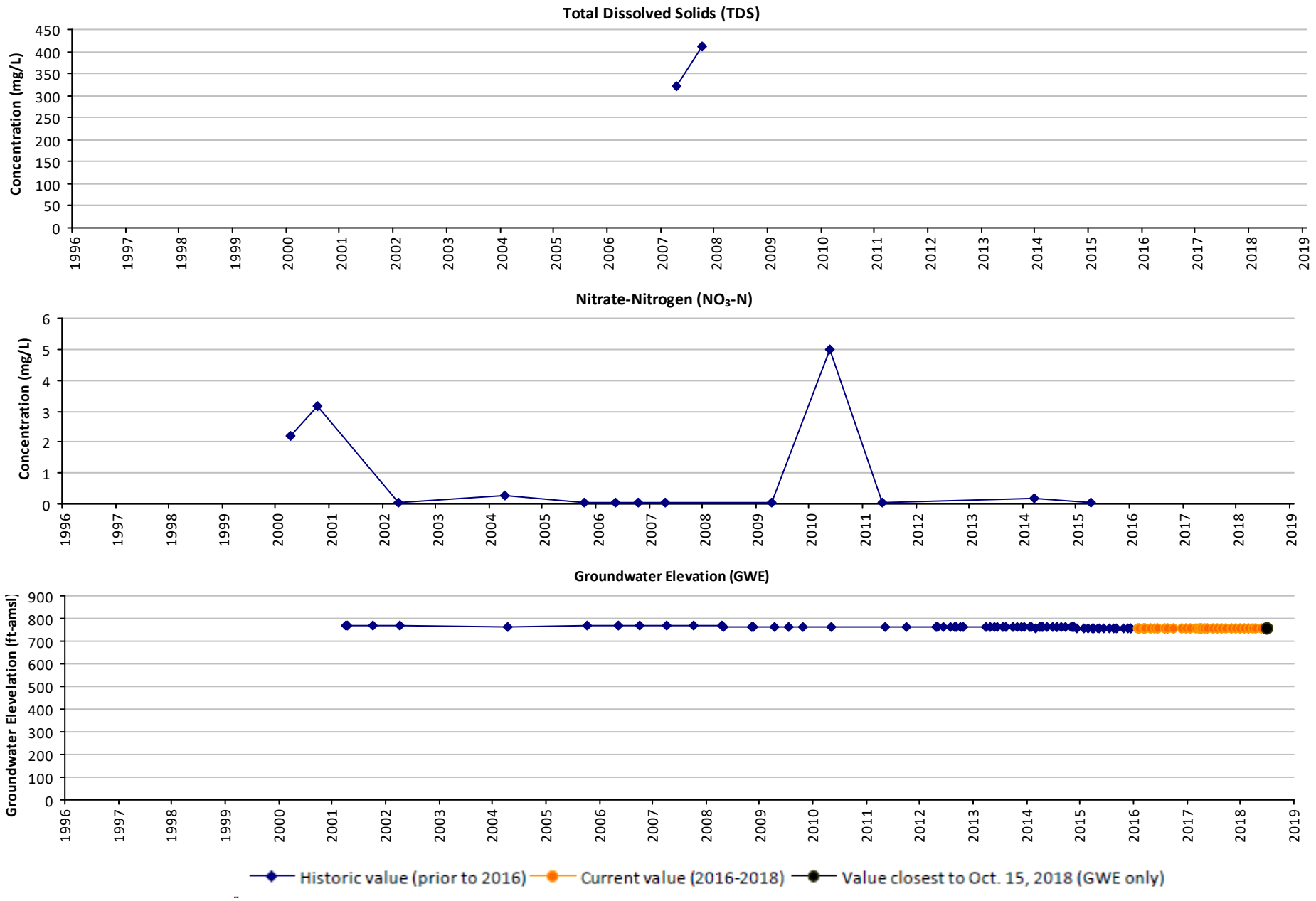
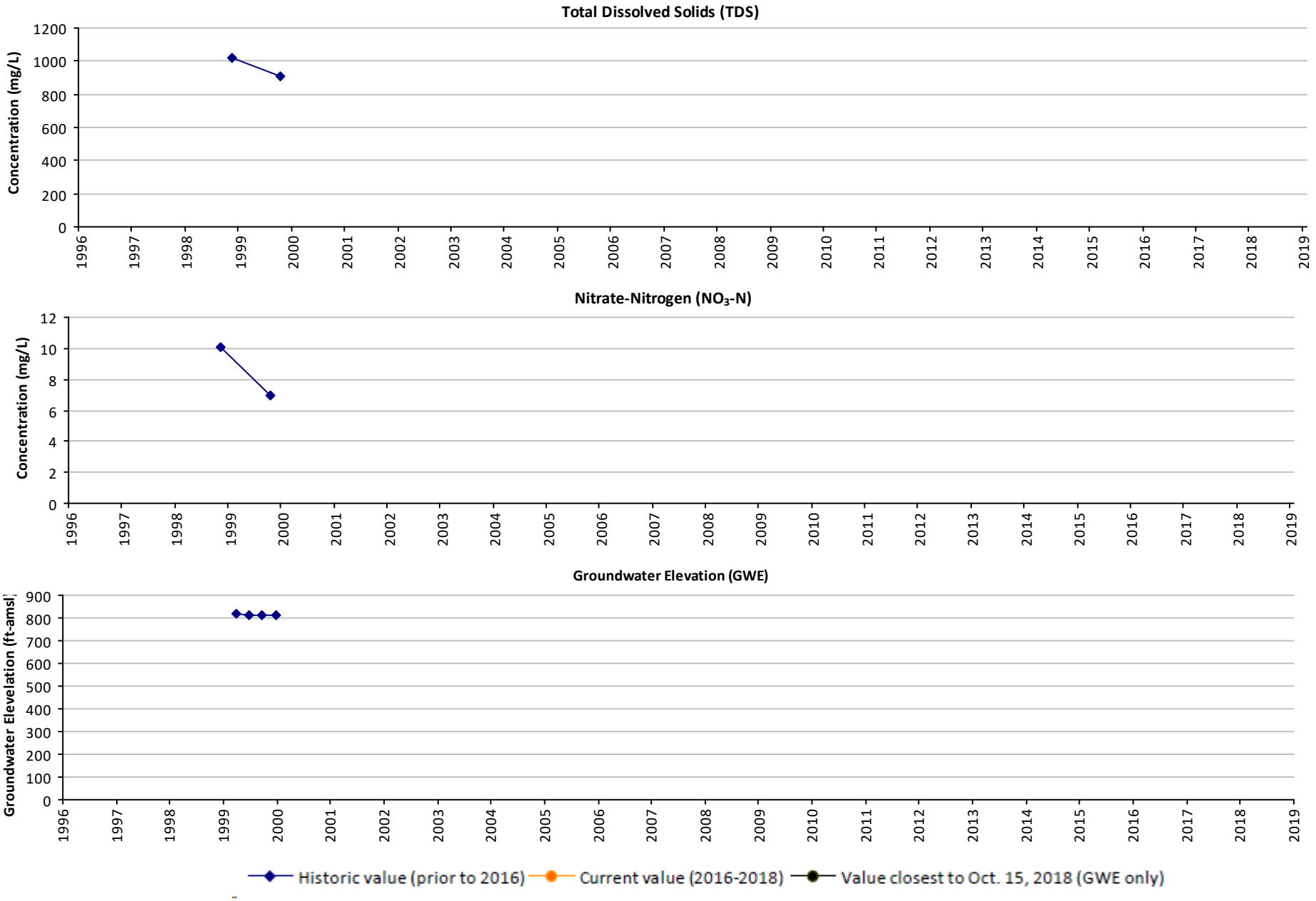
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

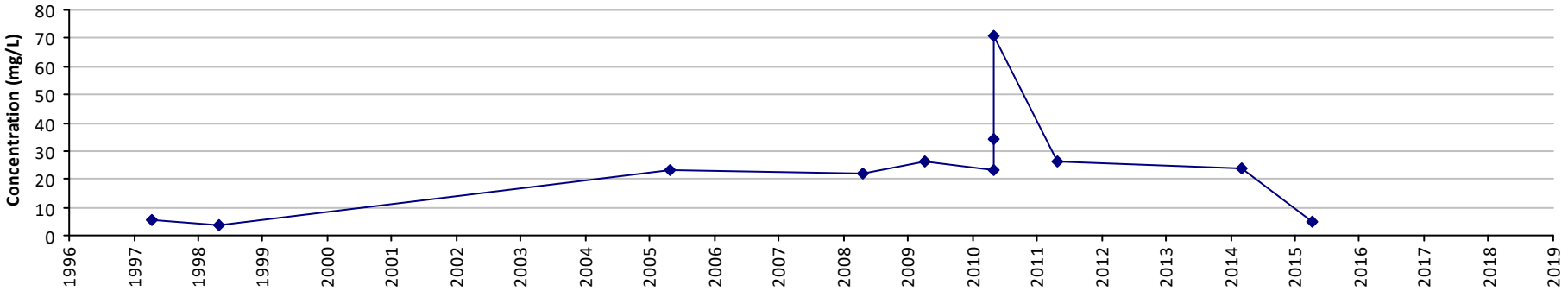

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

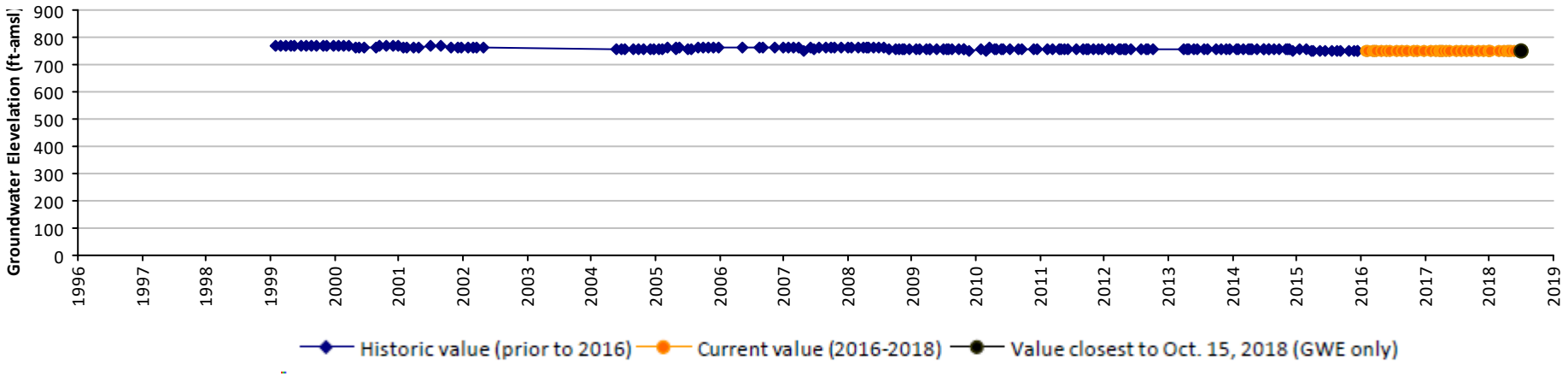

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

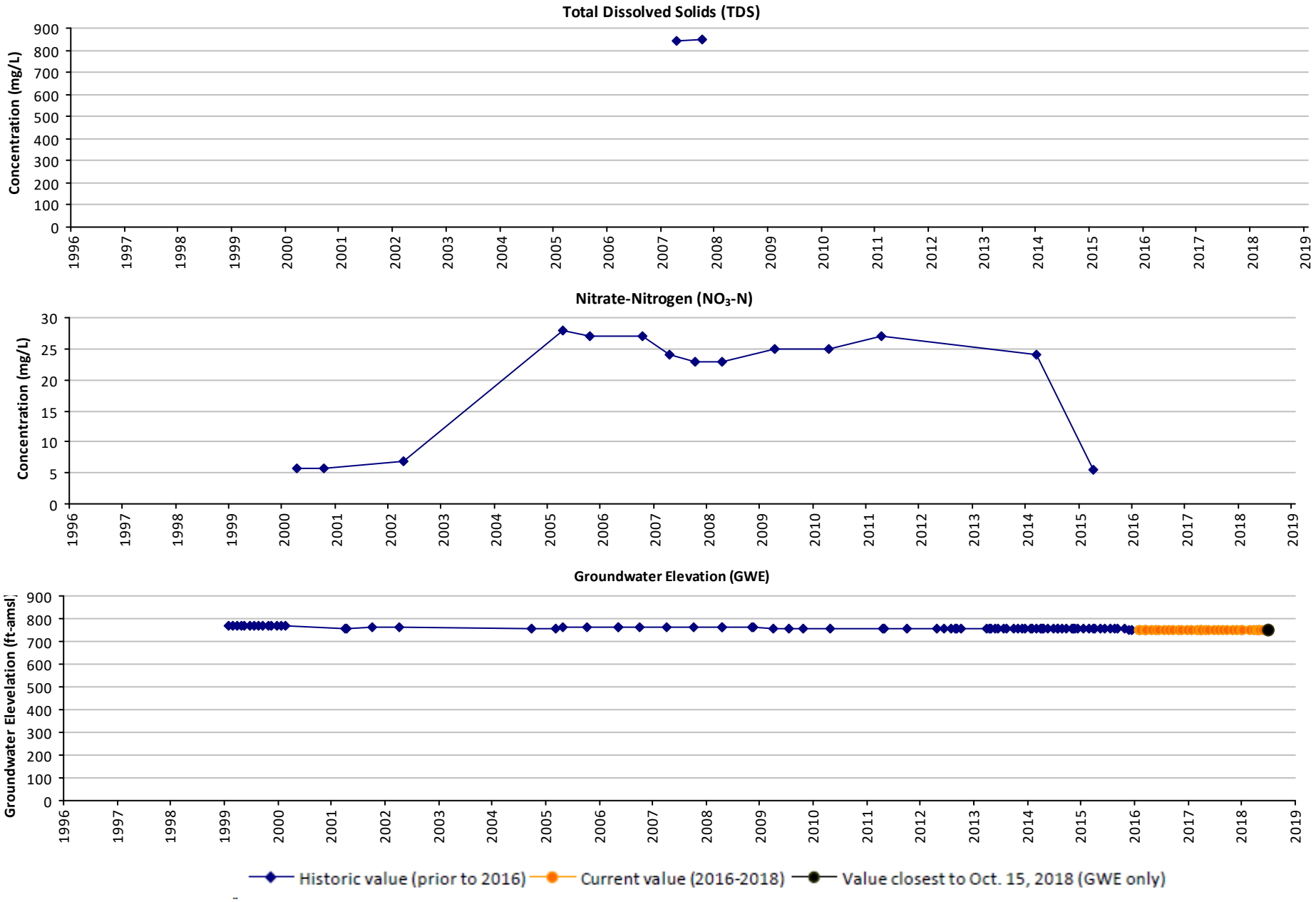
Total Dissolved Solids (TDS)

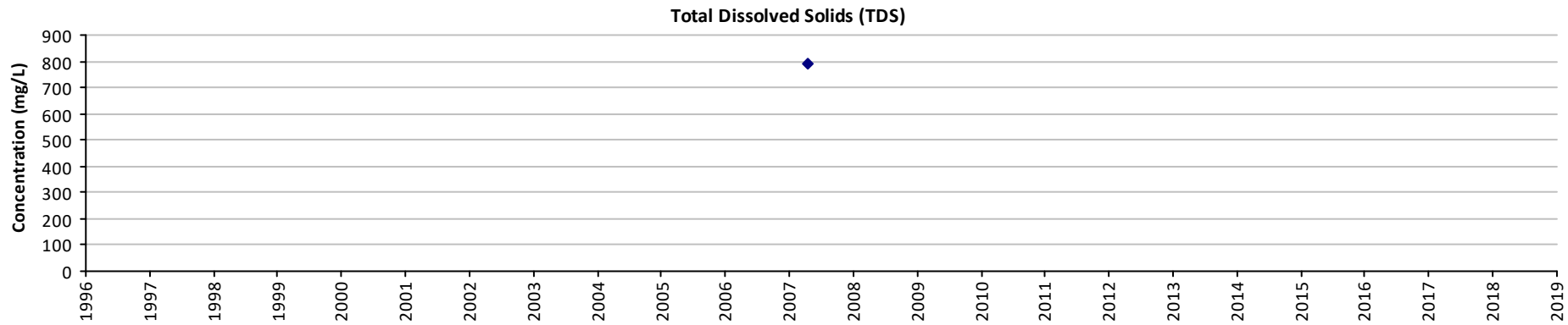
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
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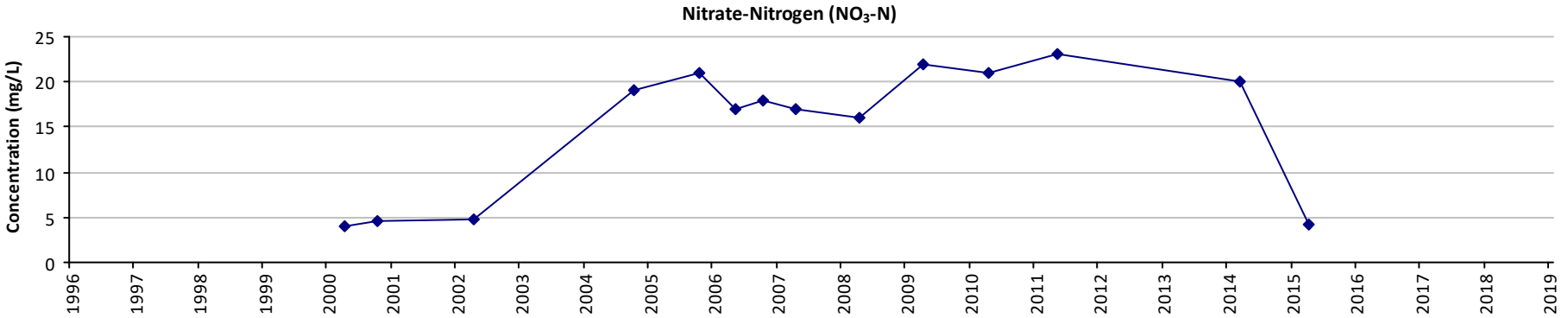
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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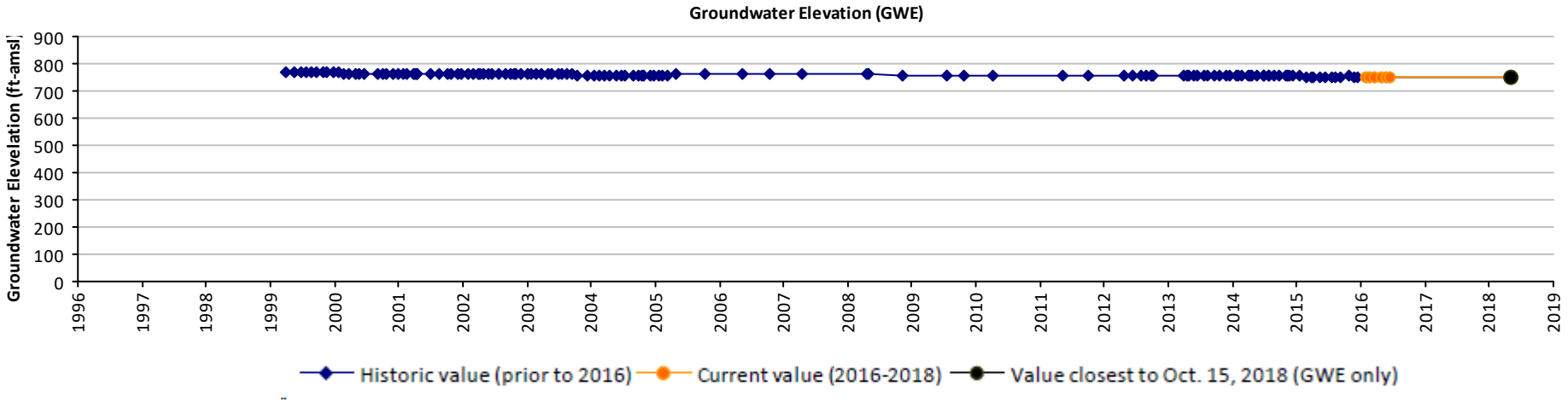
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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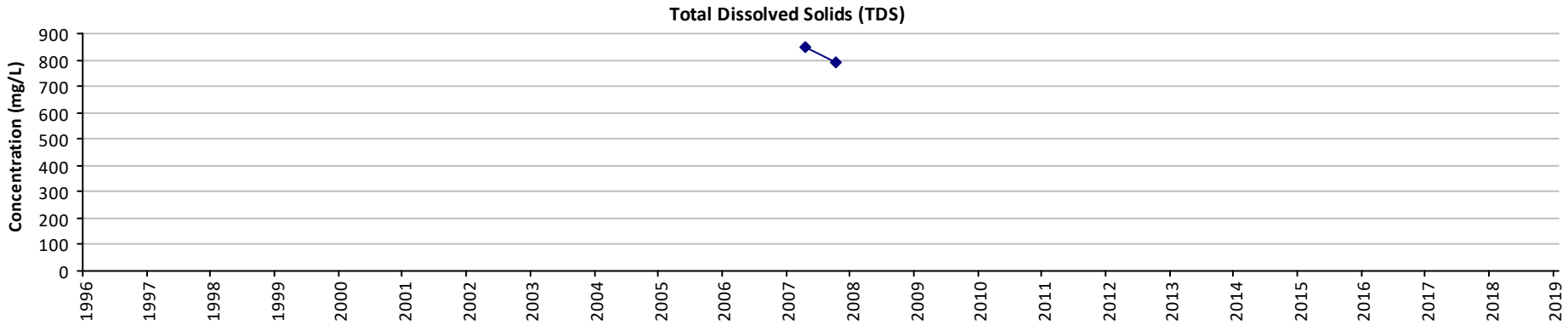
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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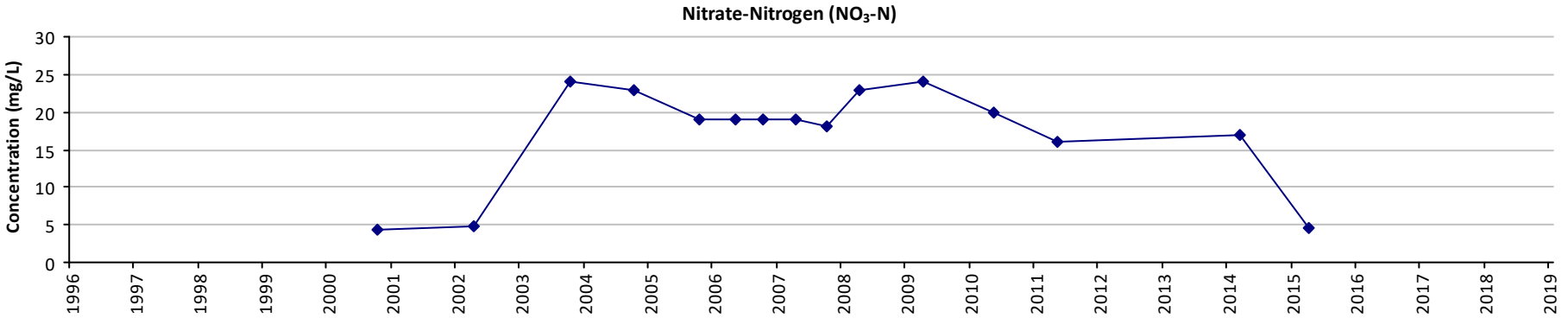
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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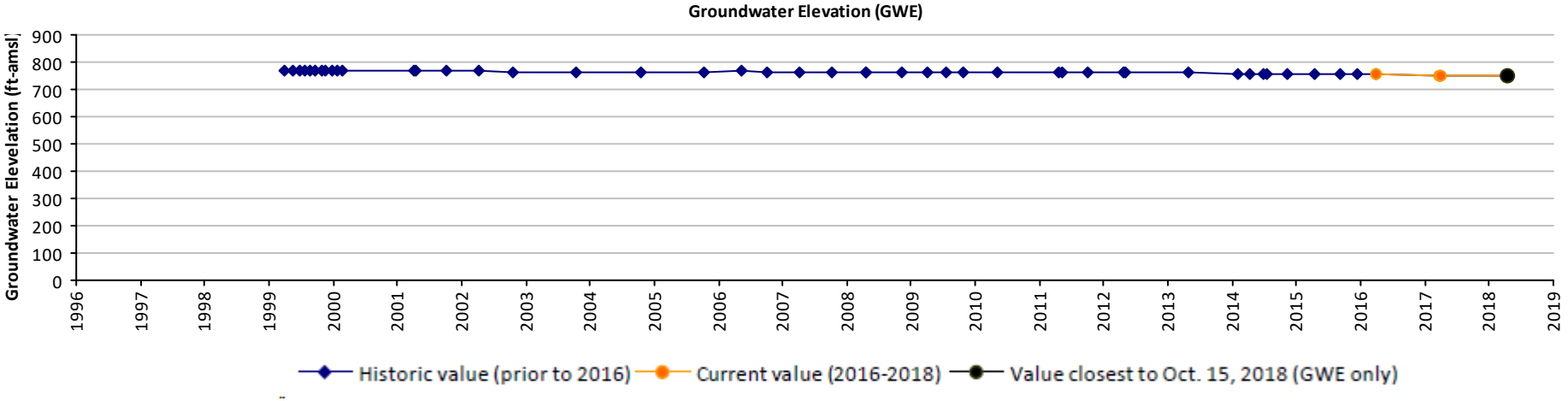
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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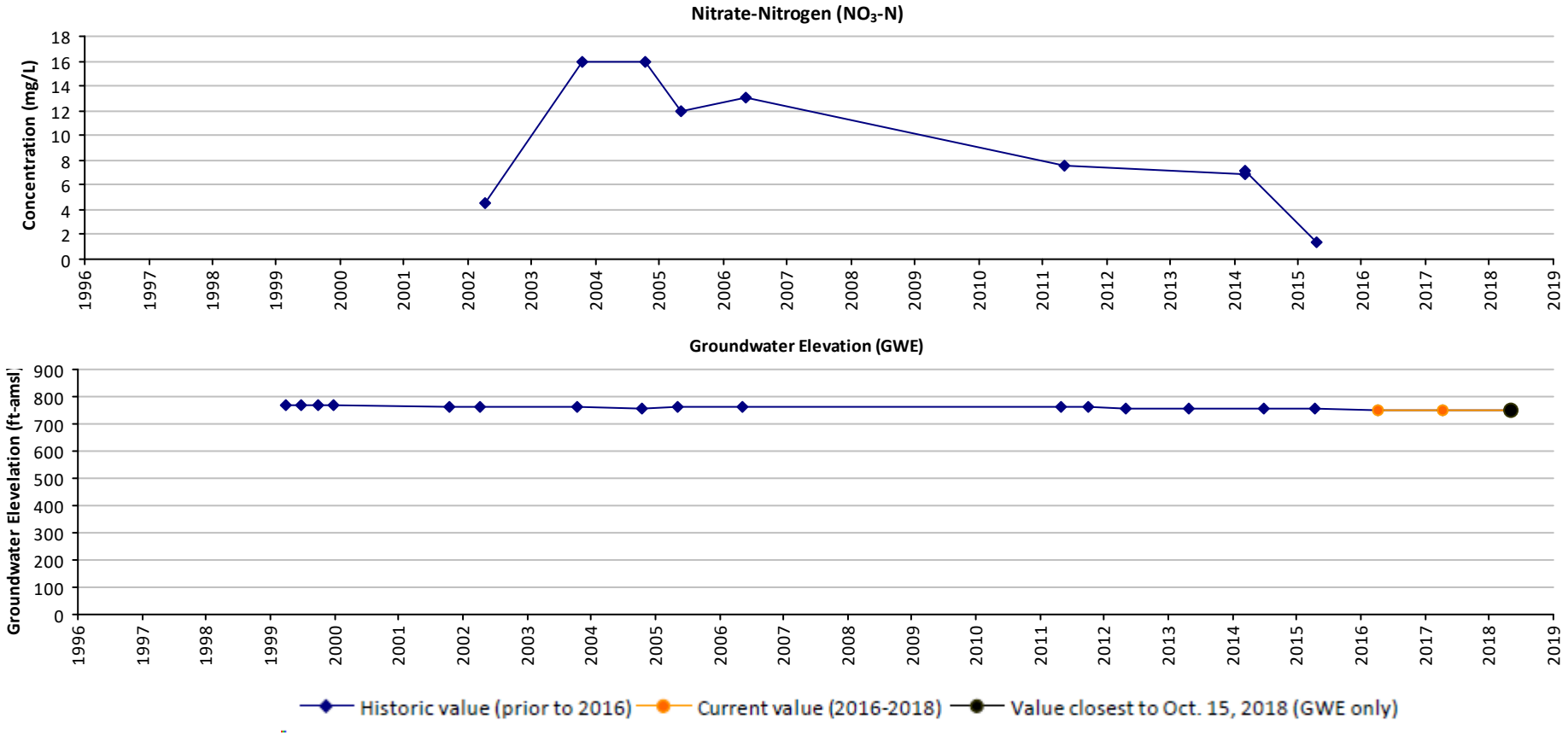
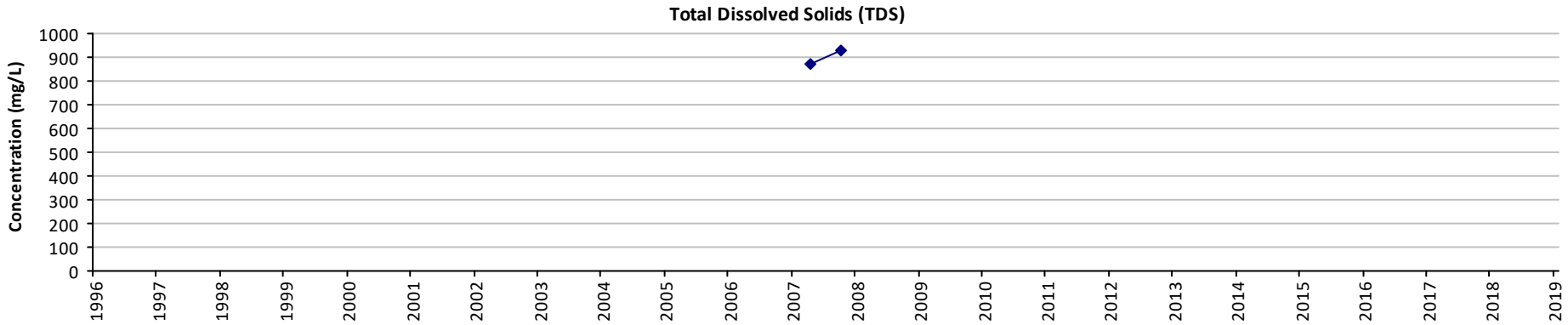
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
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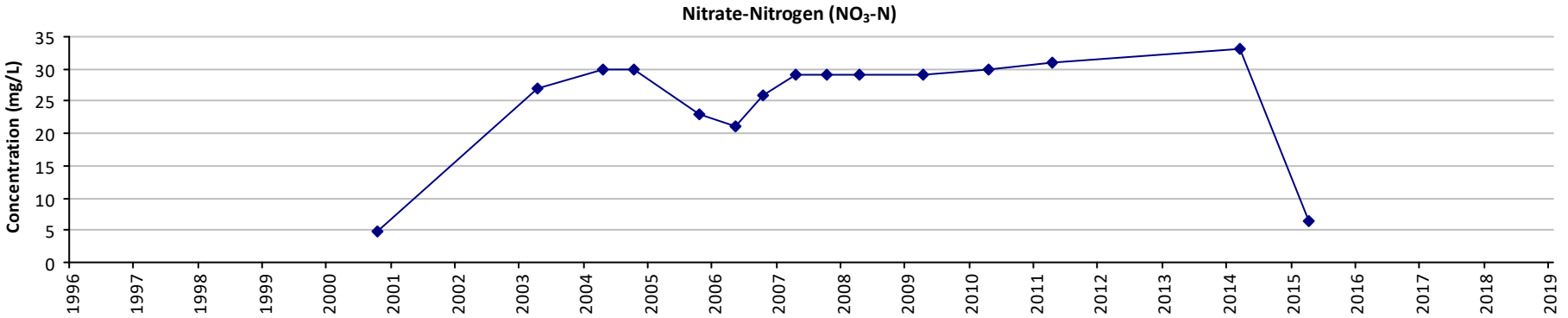
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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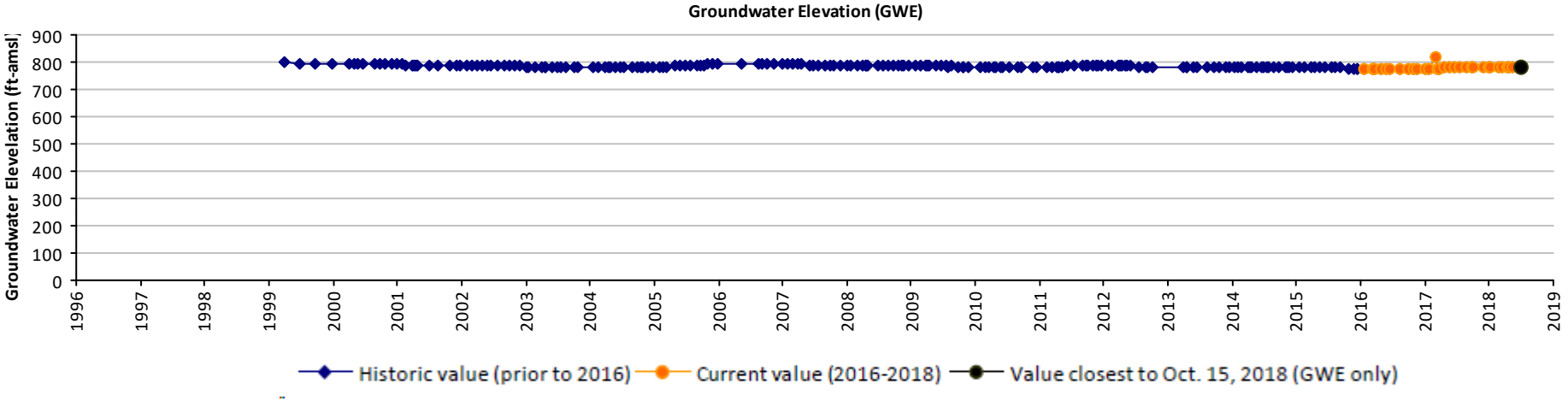
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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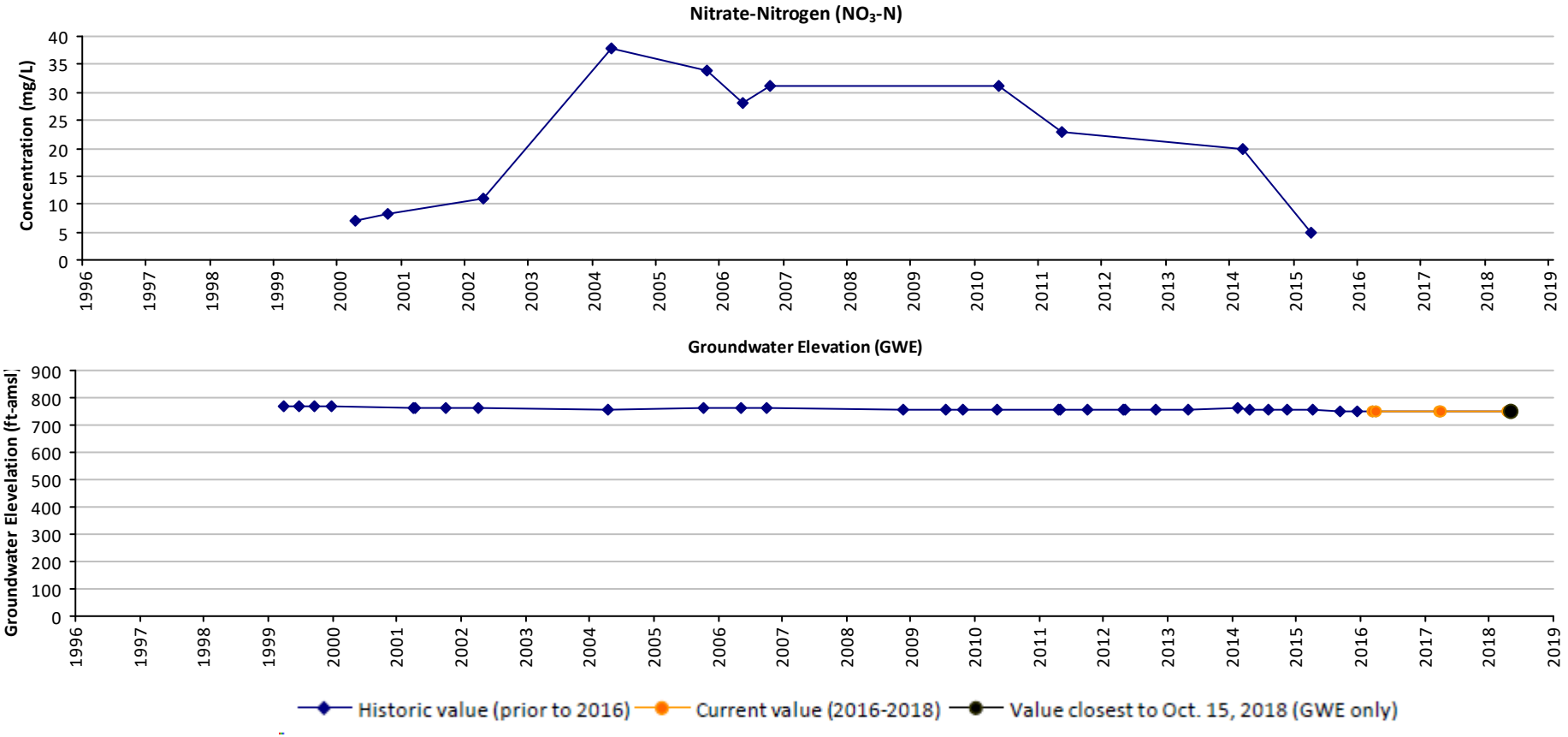
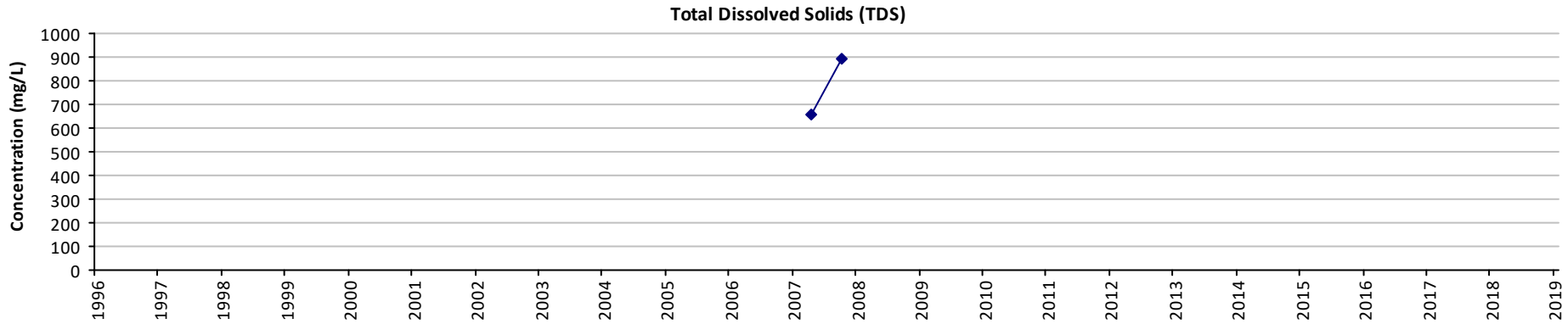
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
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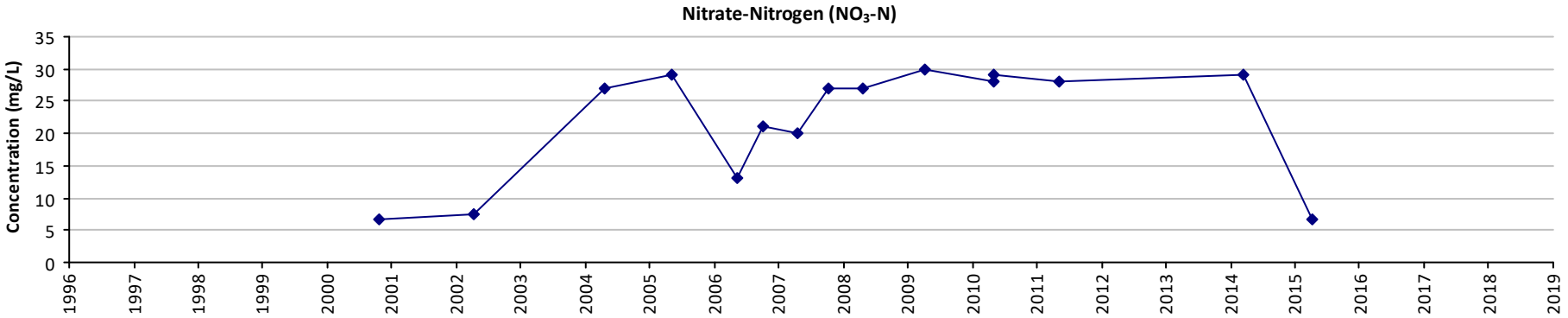
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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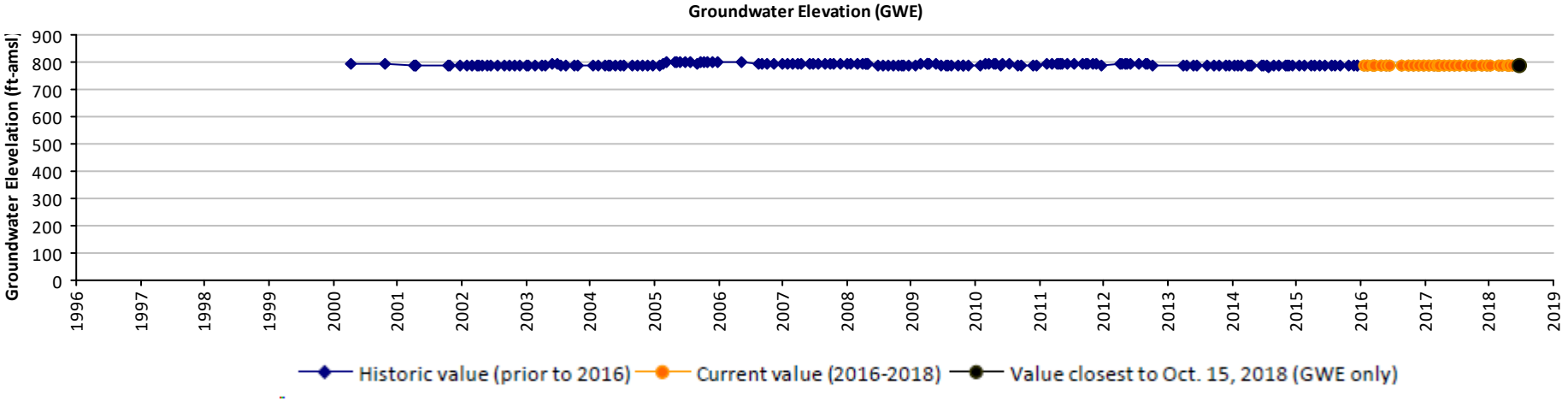
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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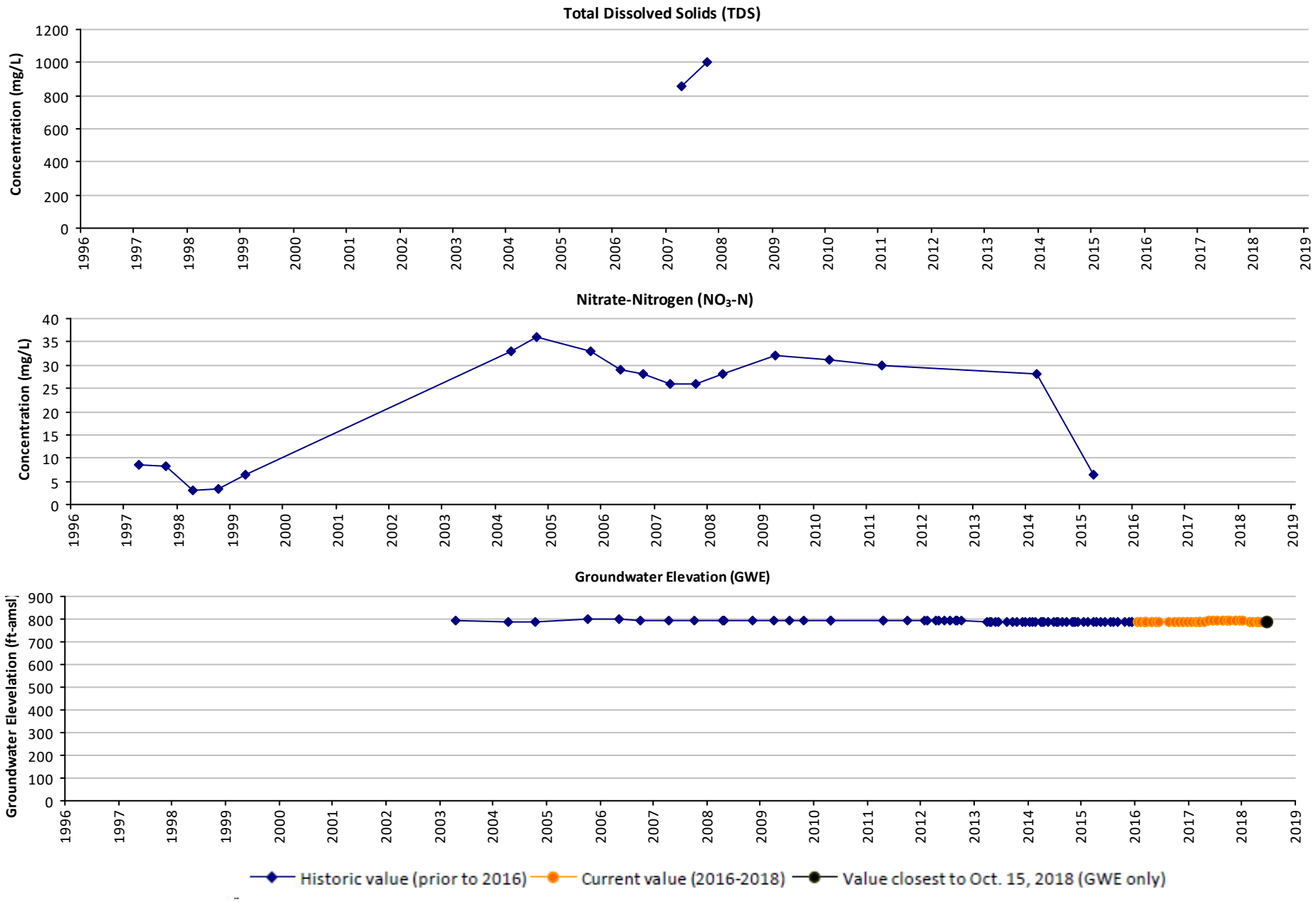
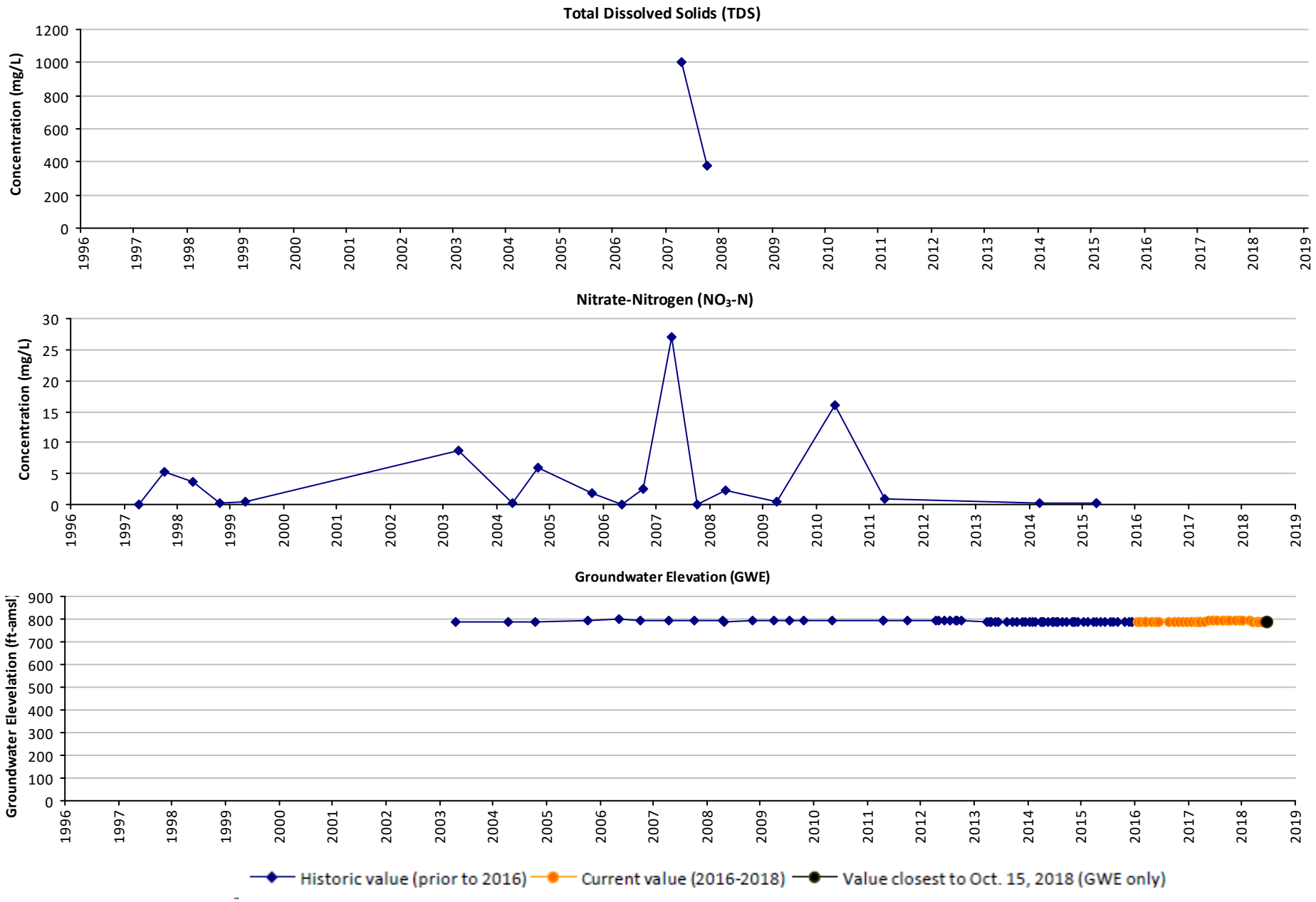
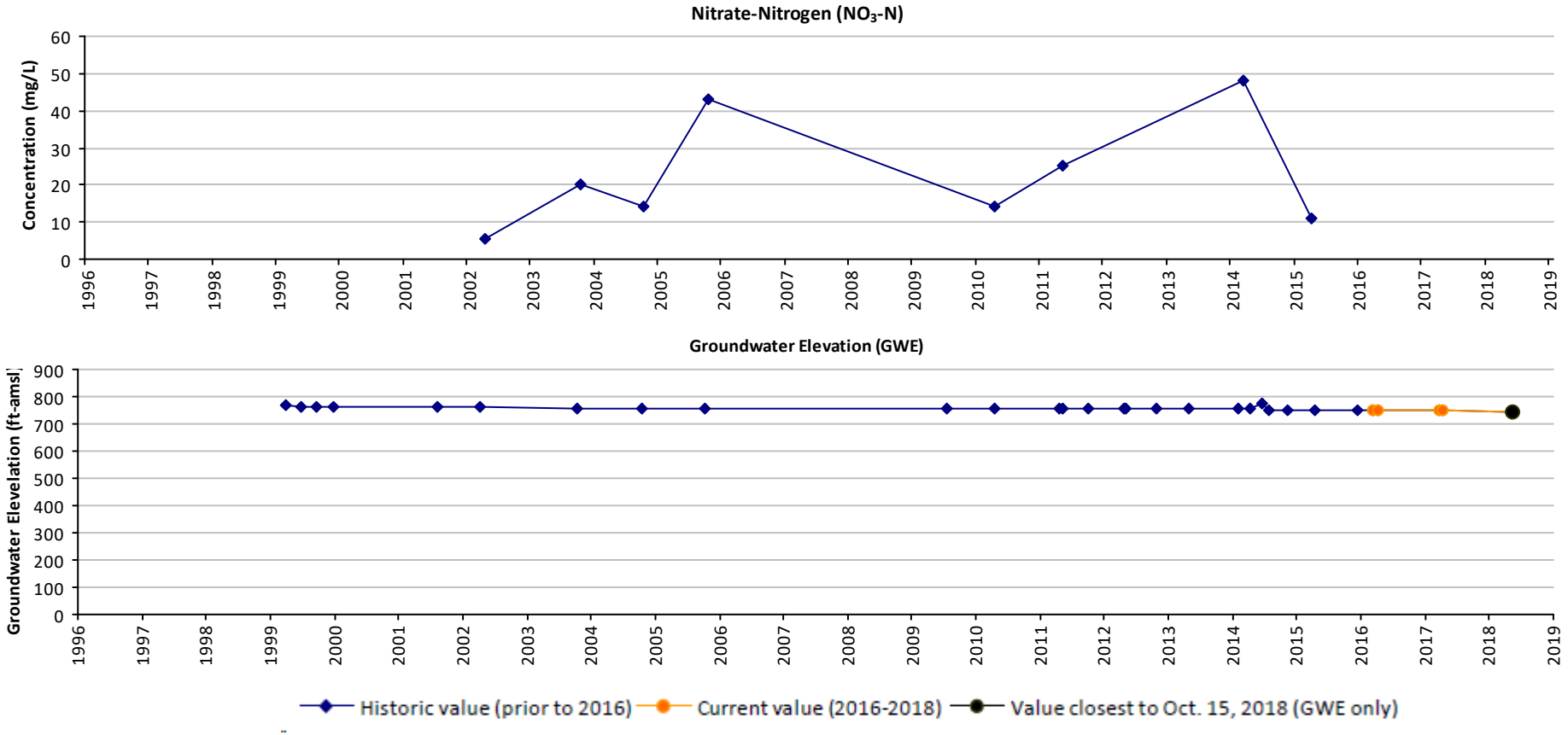
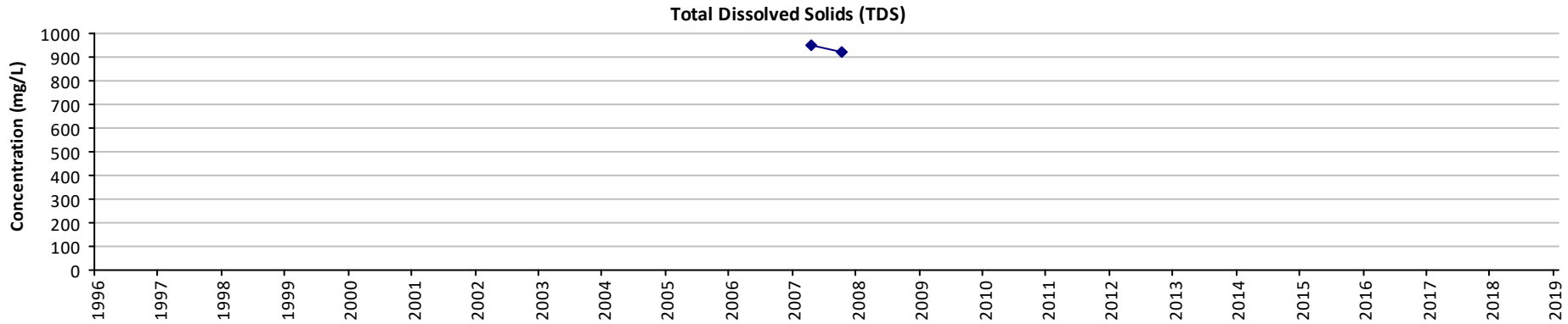
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
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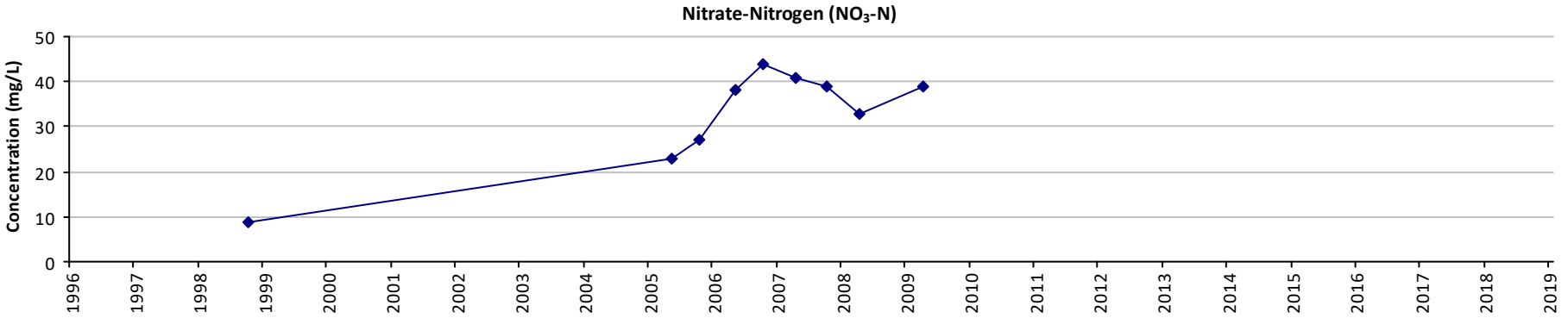
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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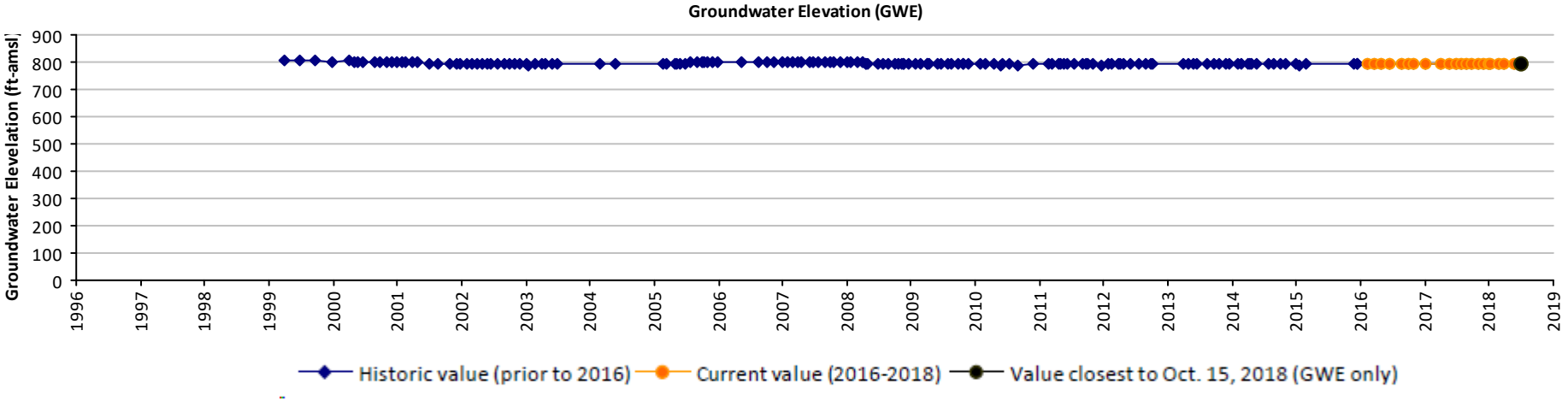
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
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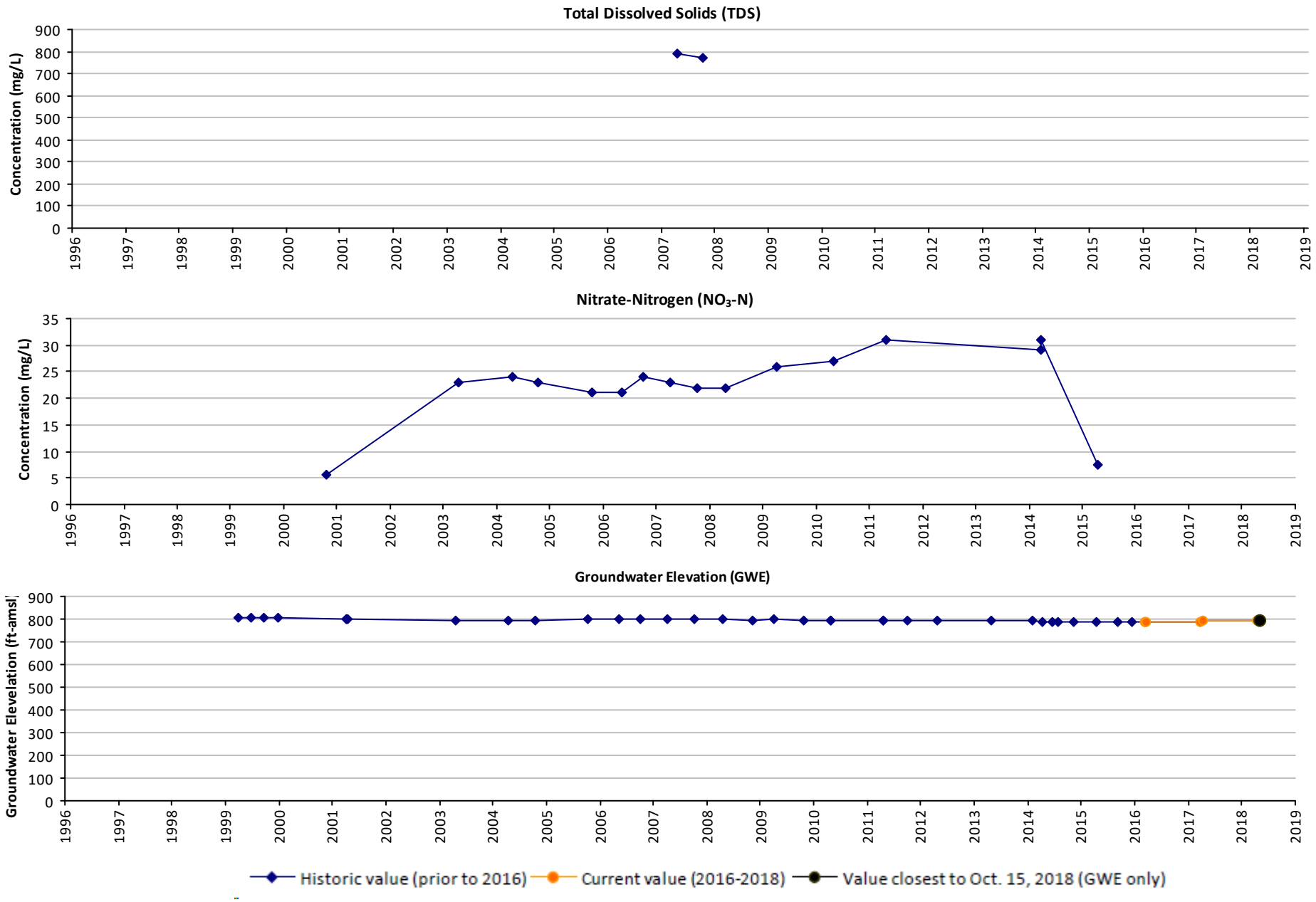
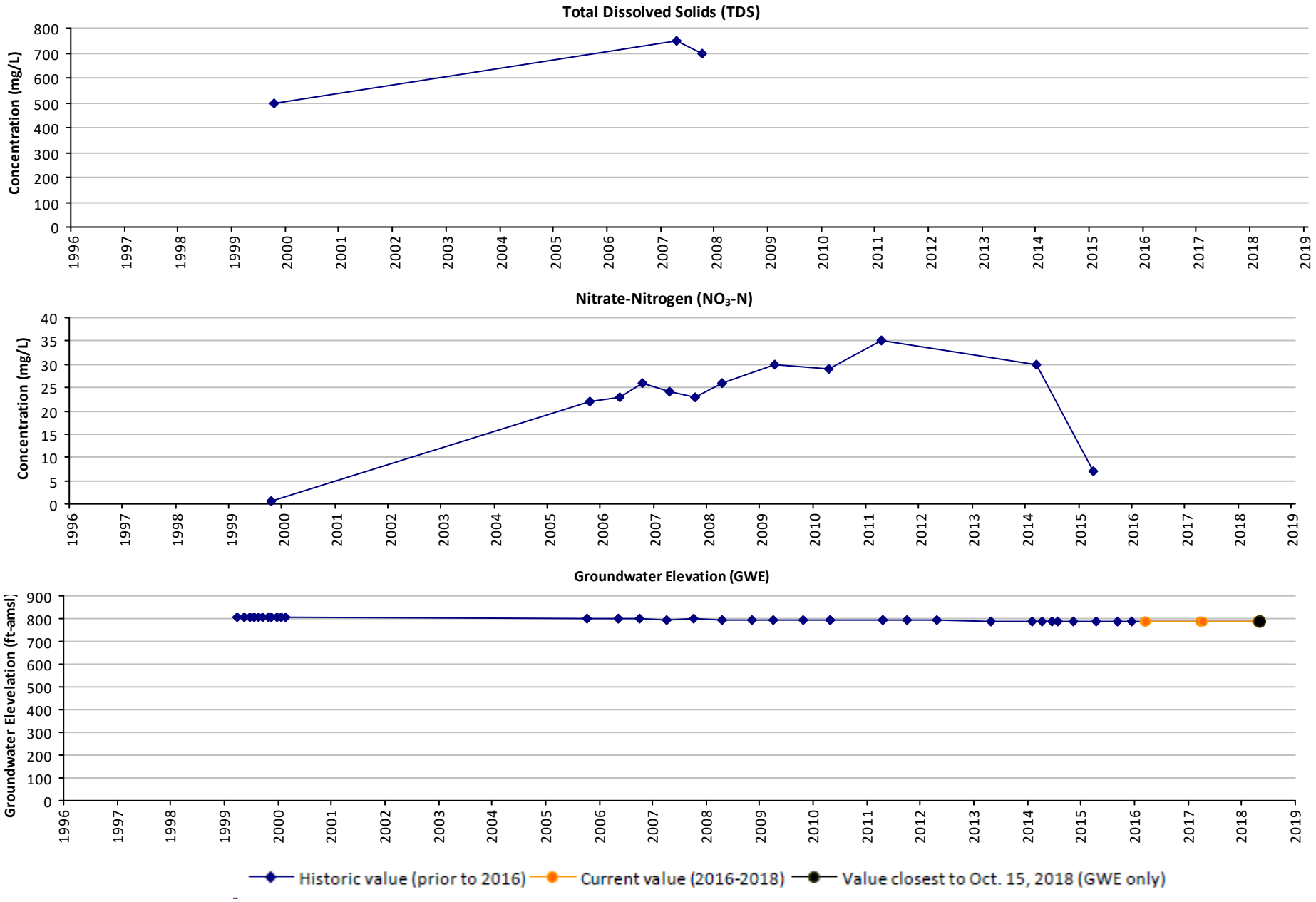
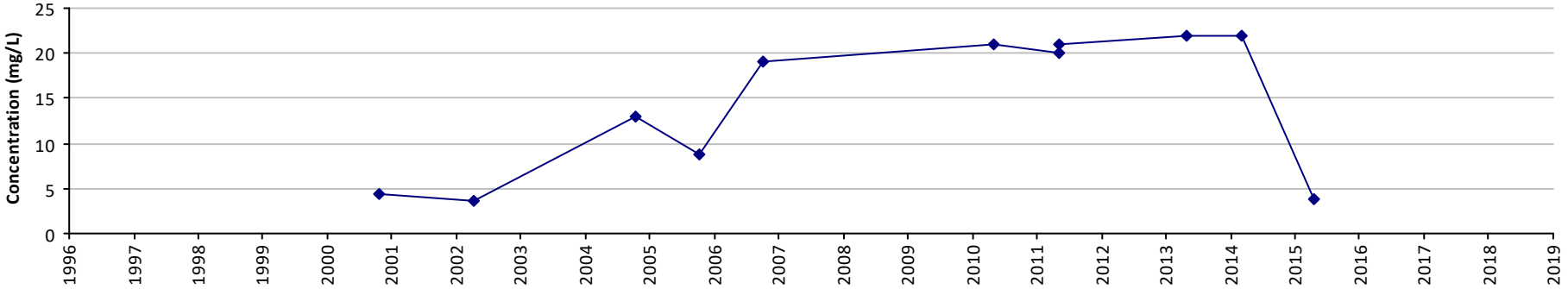
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

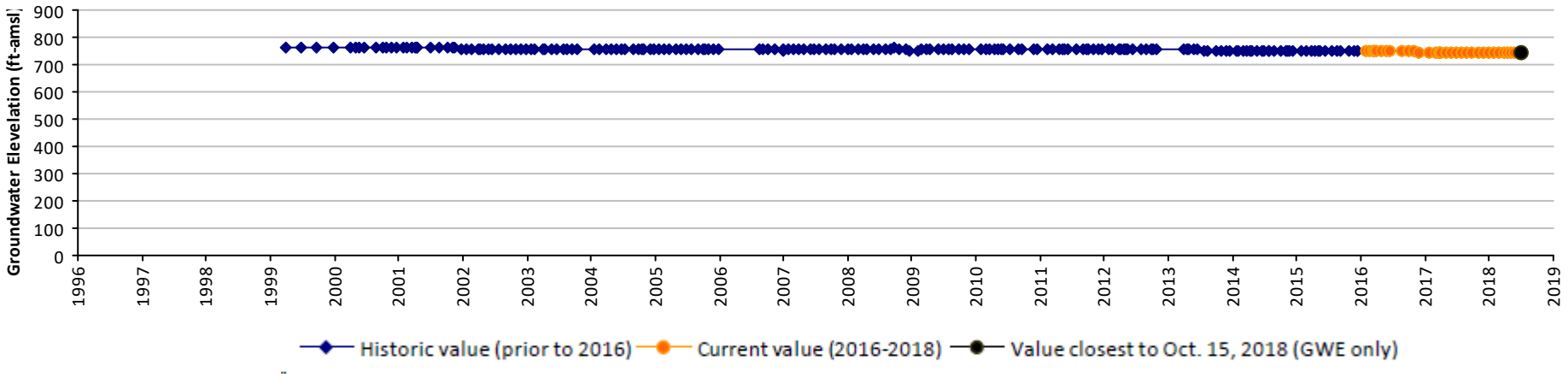

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

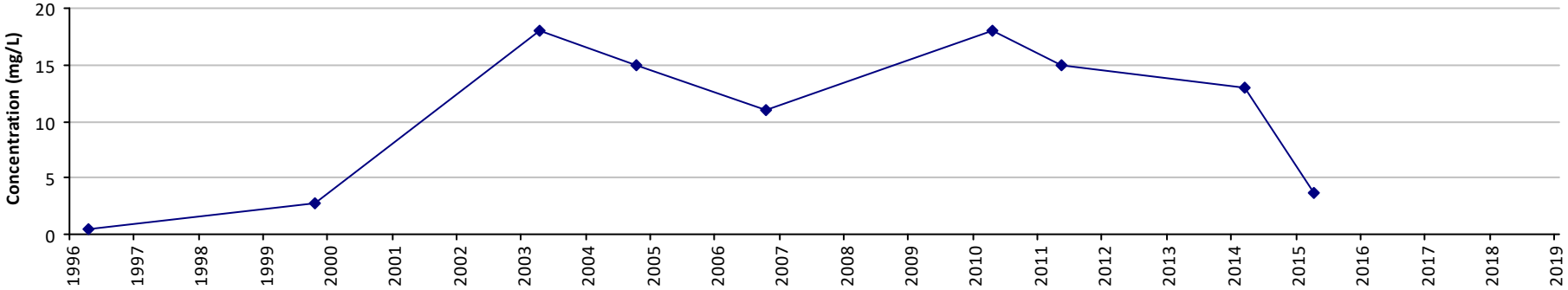


Groundwater Elevation (GWE)

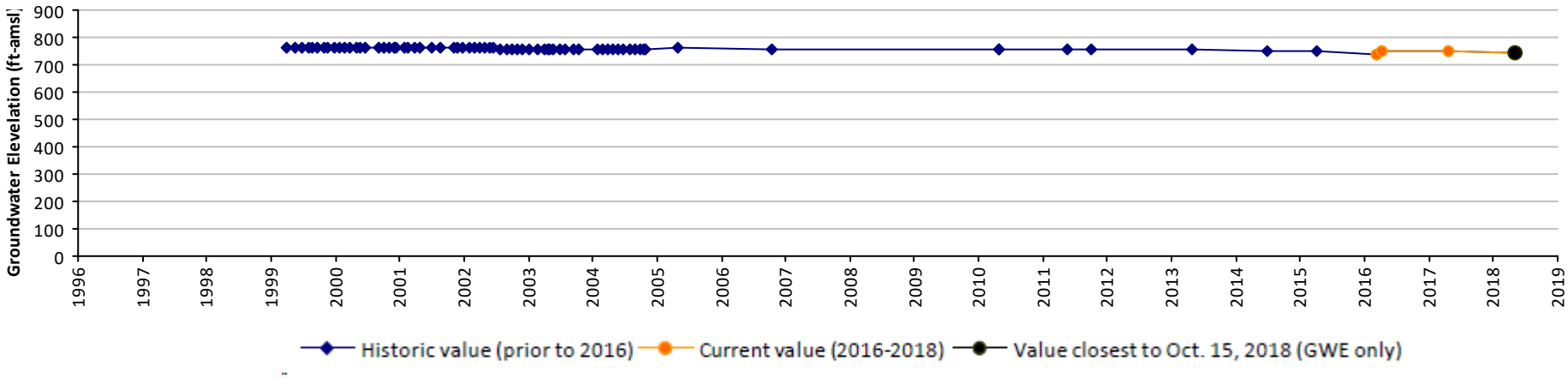


Total Dissolved Solids (TDS)

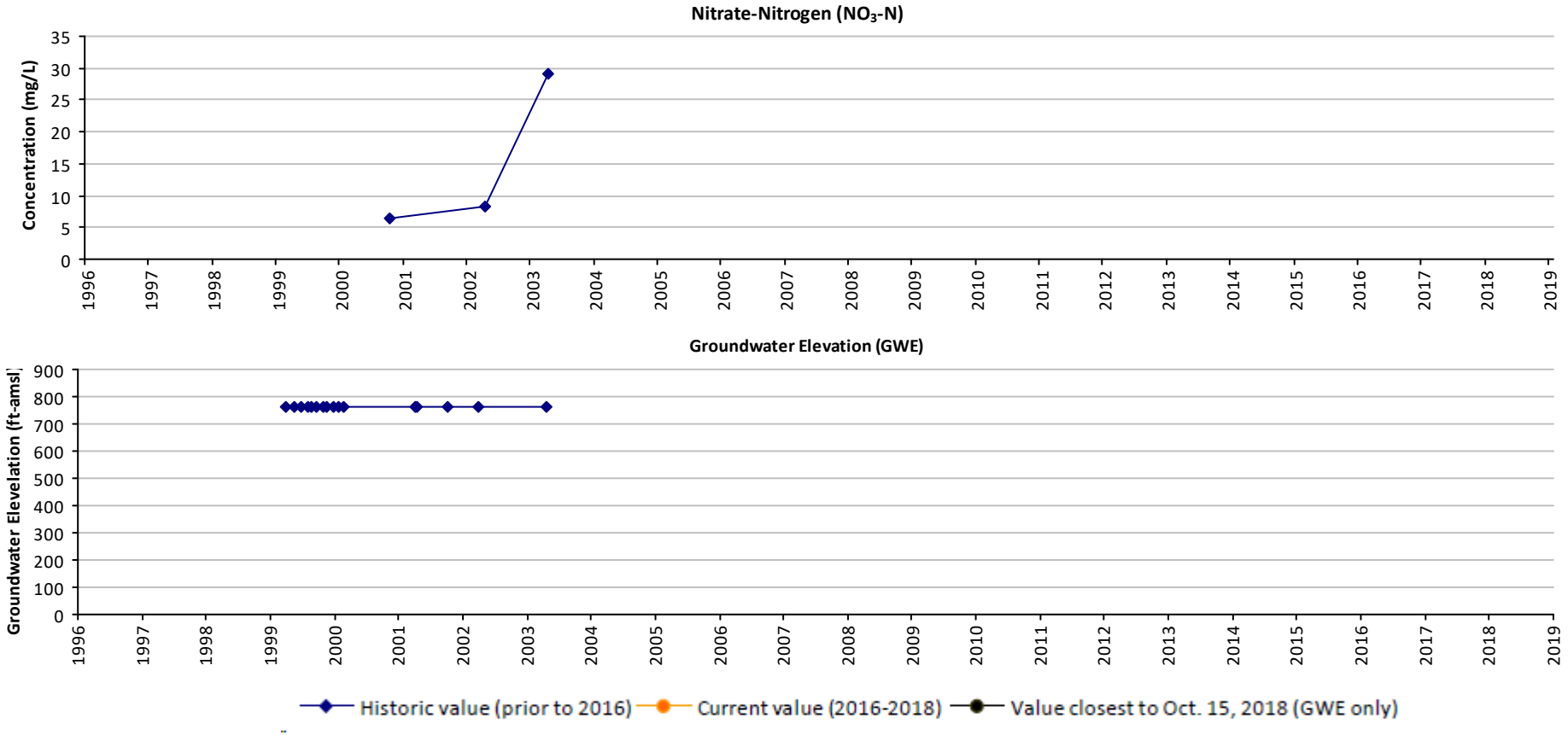
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

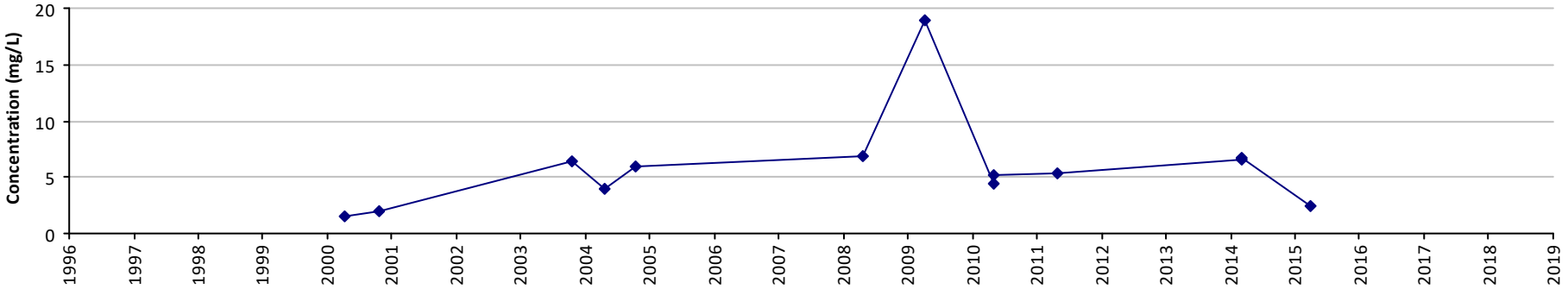


Total Dissolved Solids (TDS)

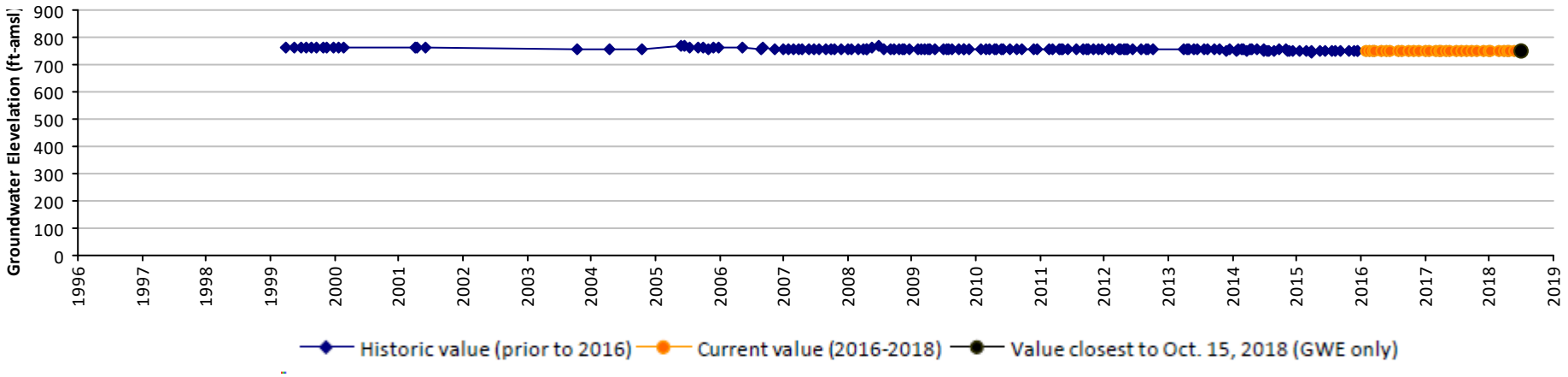


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

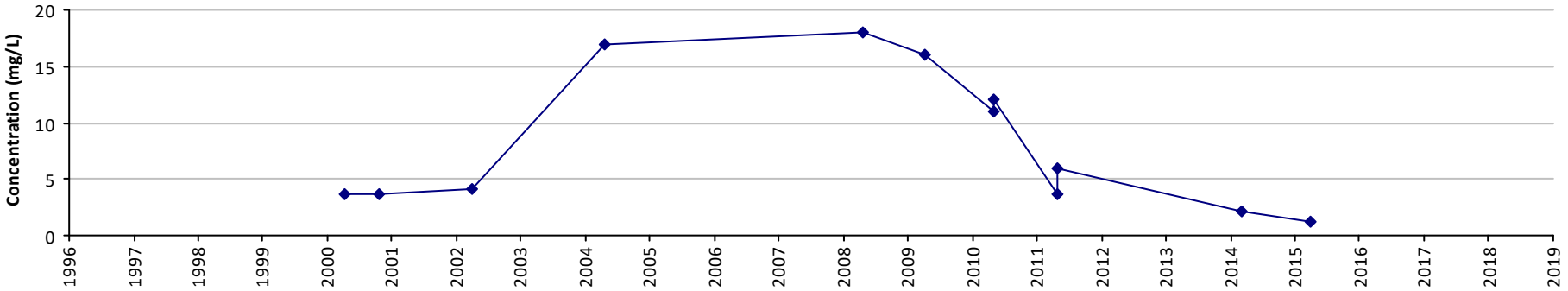


Groundwater Elevation (GWE)

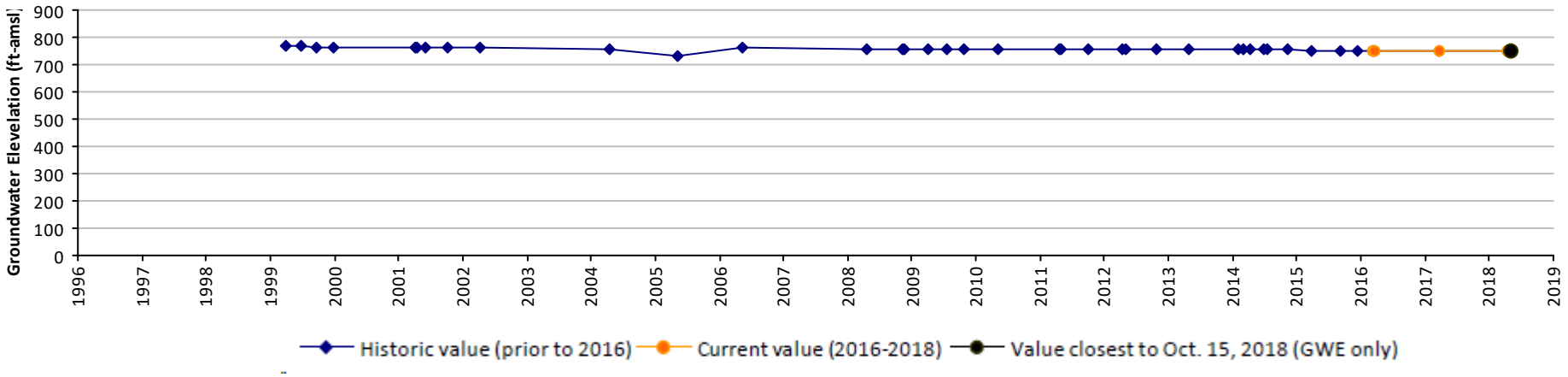


Total Dissolved Solids (TDS)

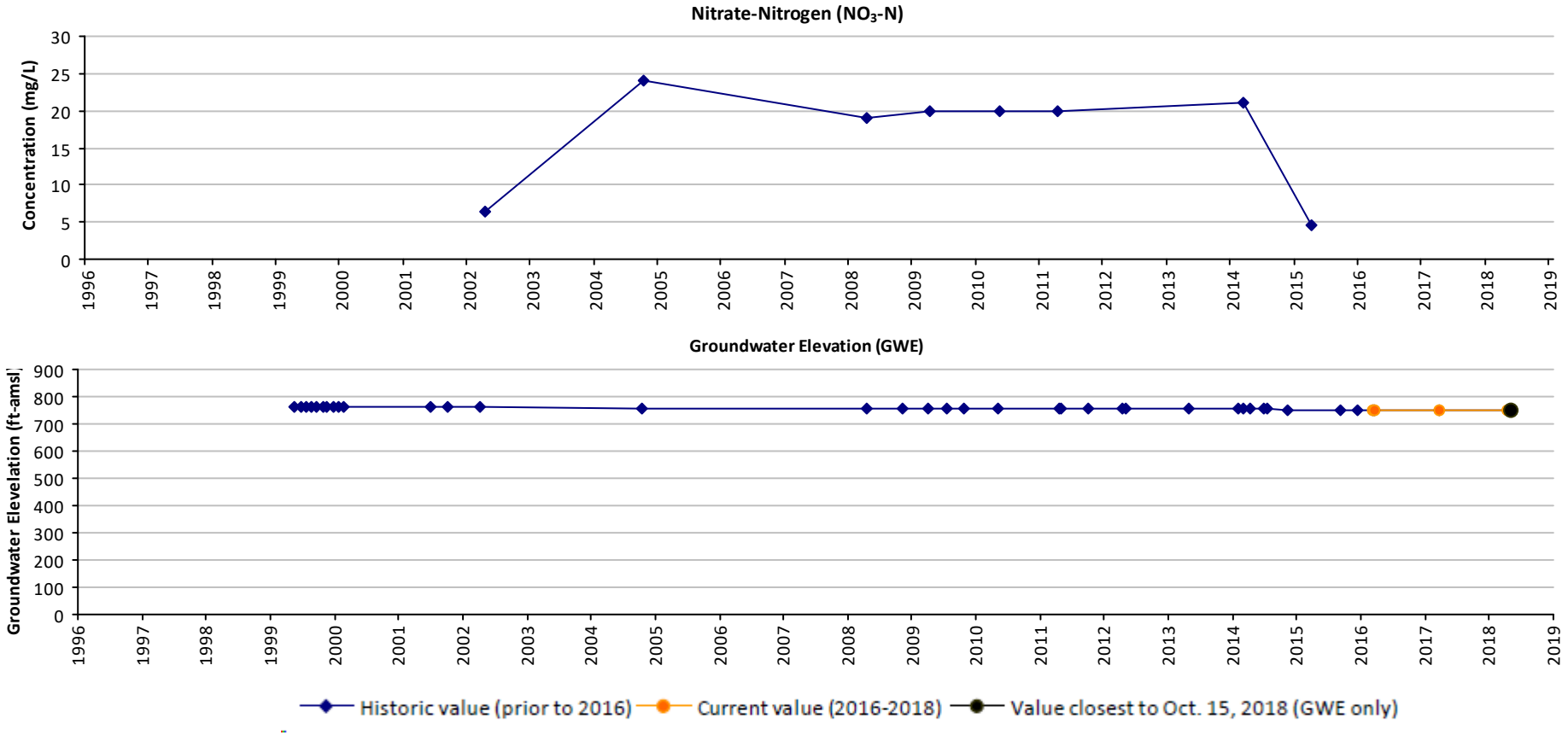
Nitrate-Nitrogen (NO_3-N)

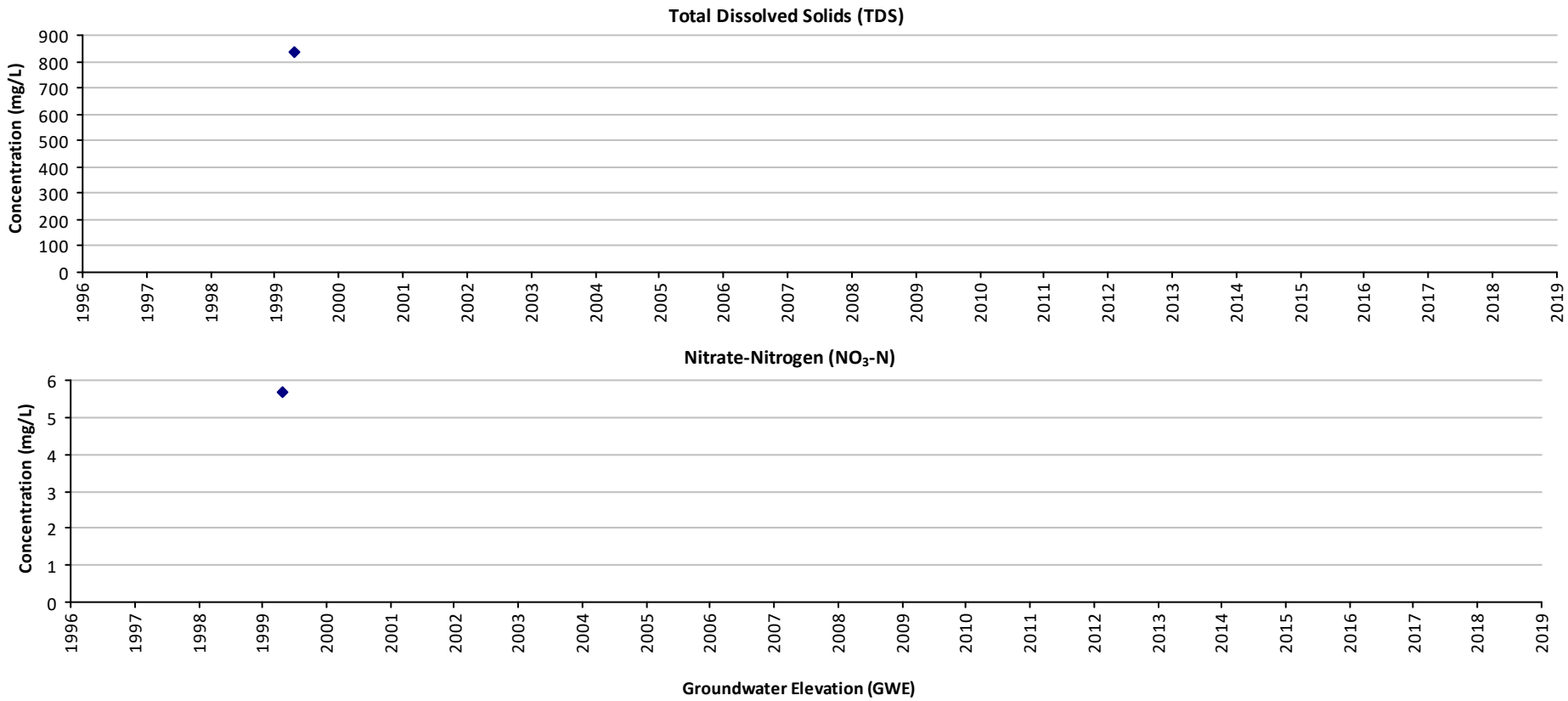


Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
900
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2001
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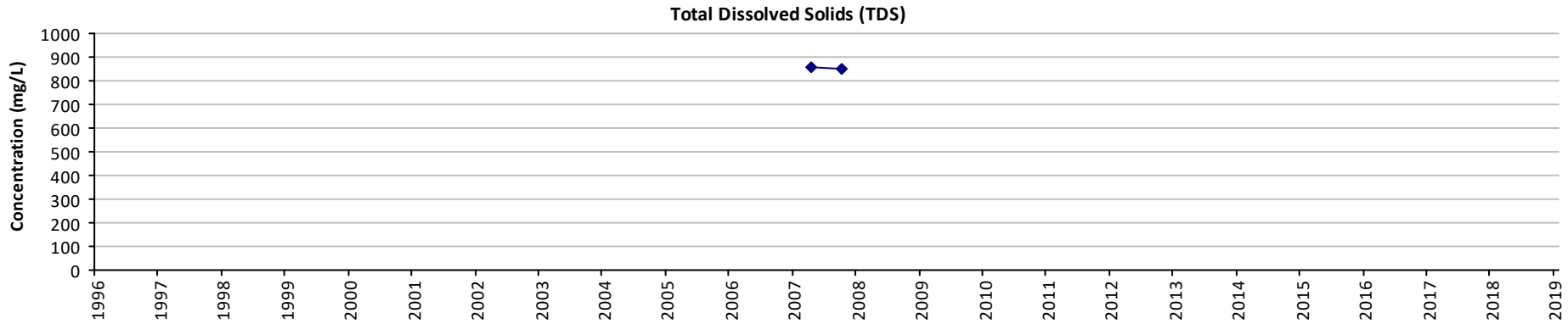
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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1000
1996
1997
1998
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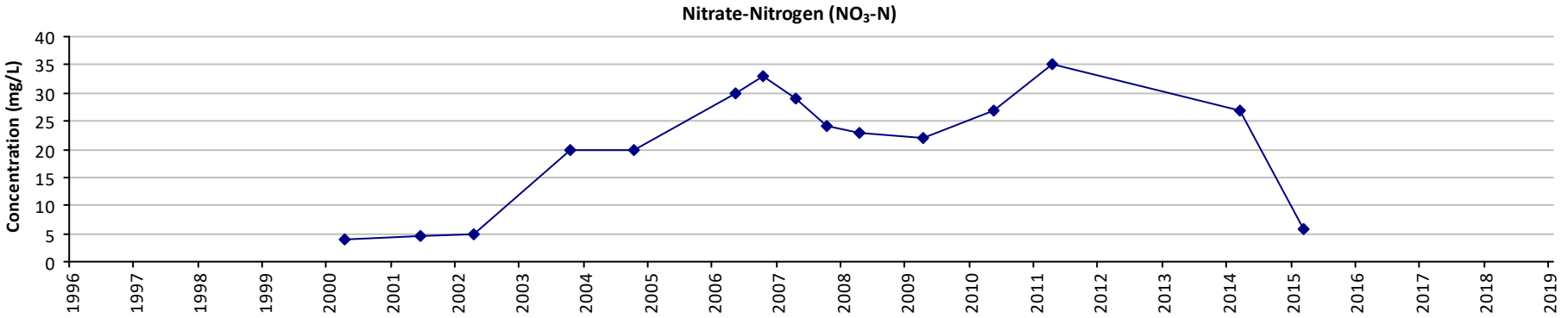
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
1996
1997
1998
1999
2000
2001
2002
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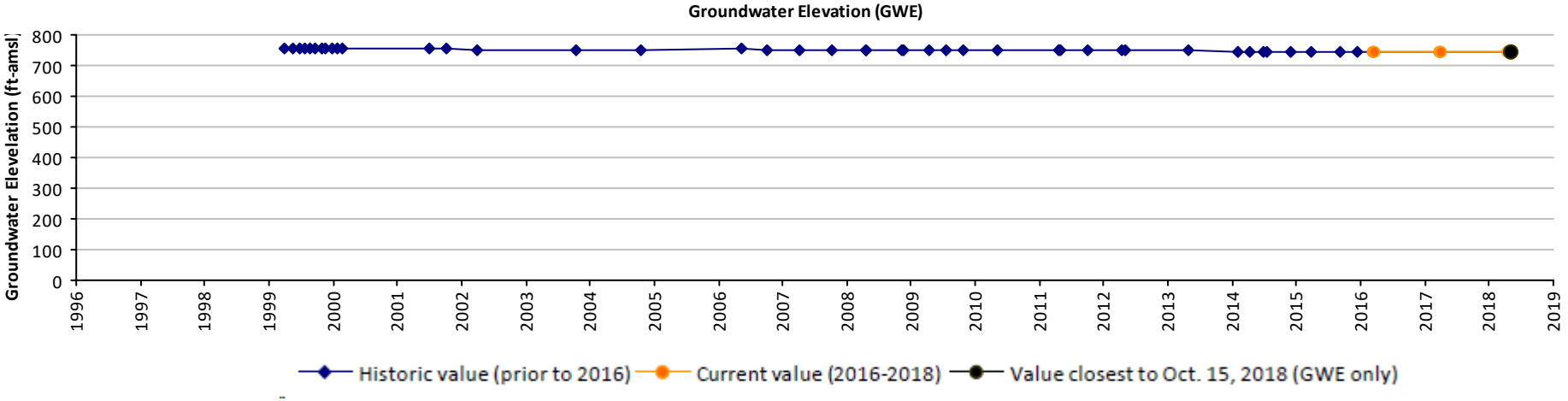
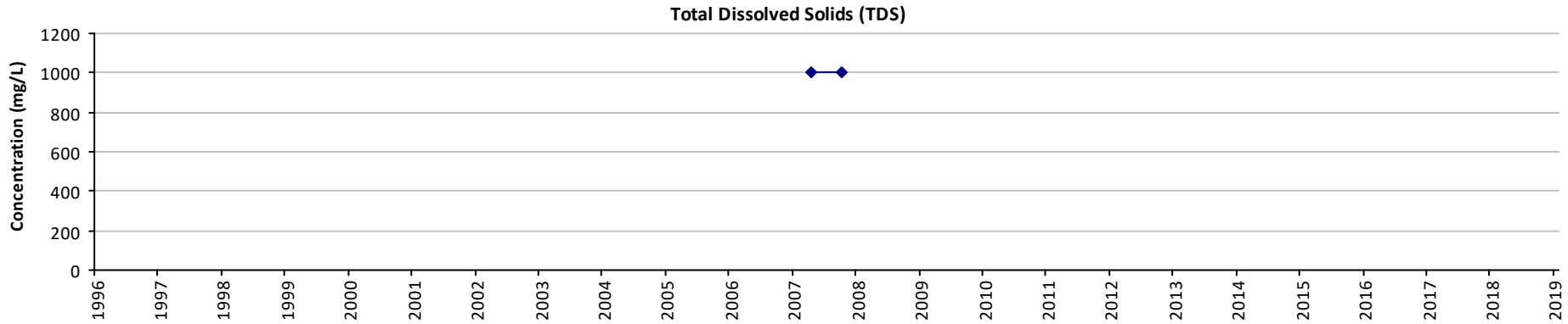
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
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2005
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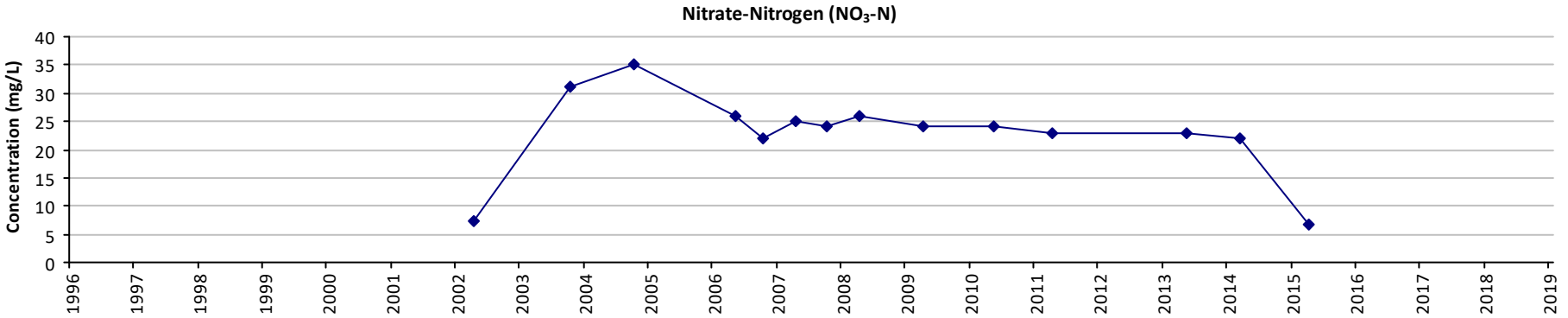
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
1996
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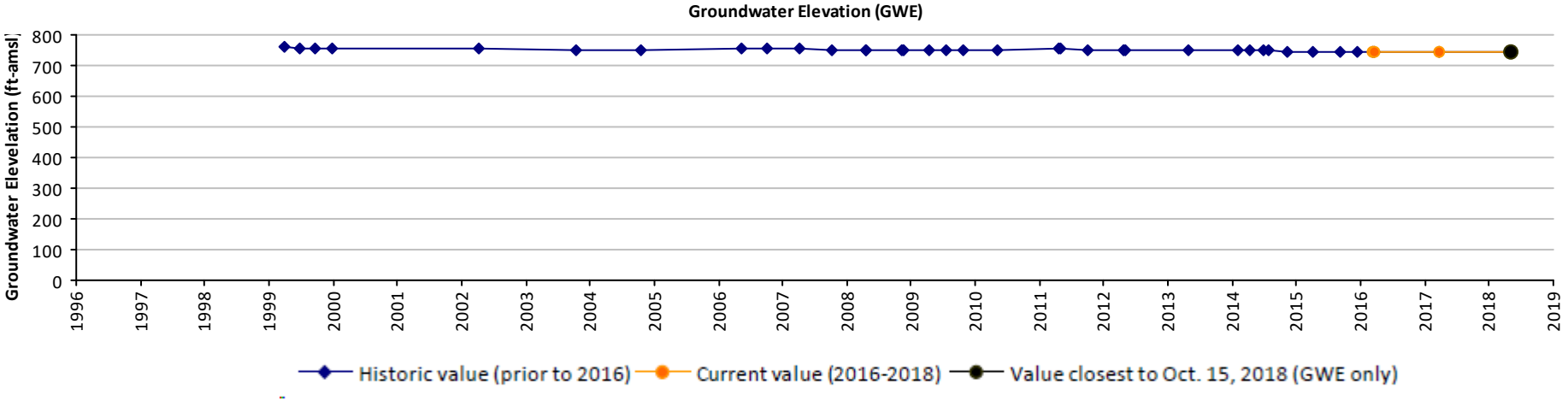
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
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2006
2007
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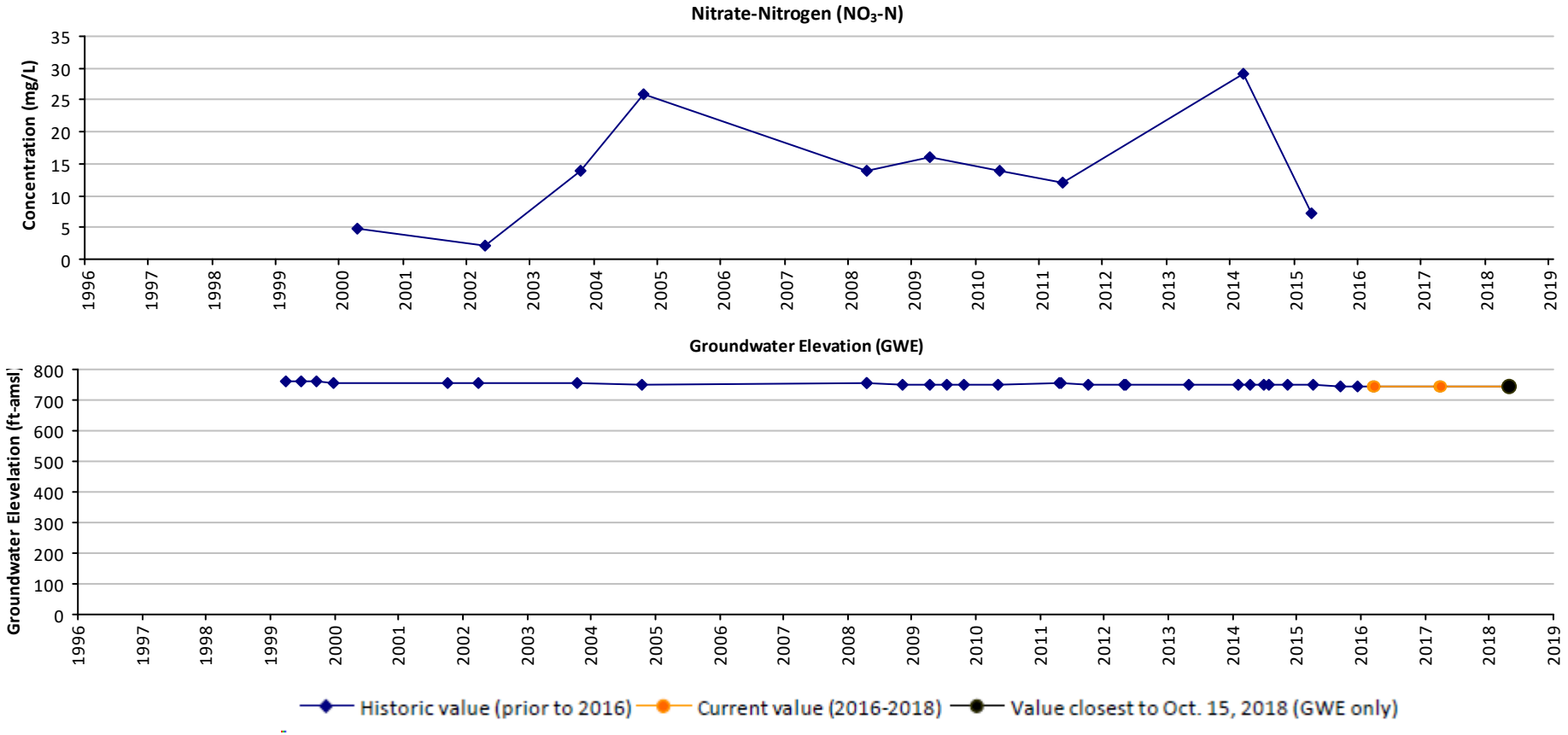
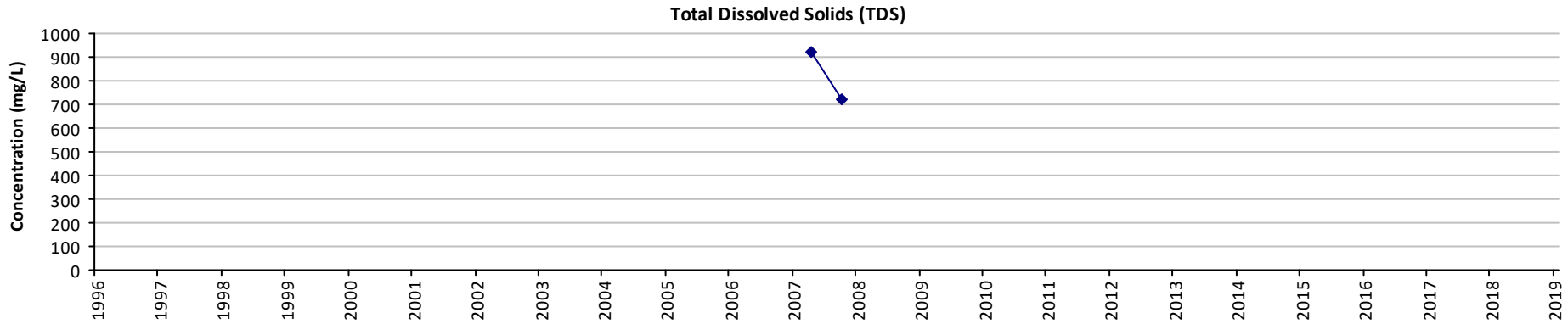
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
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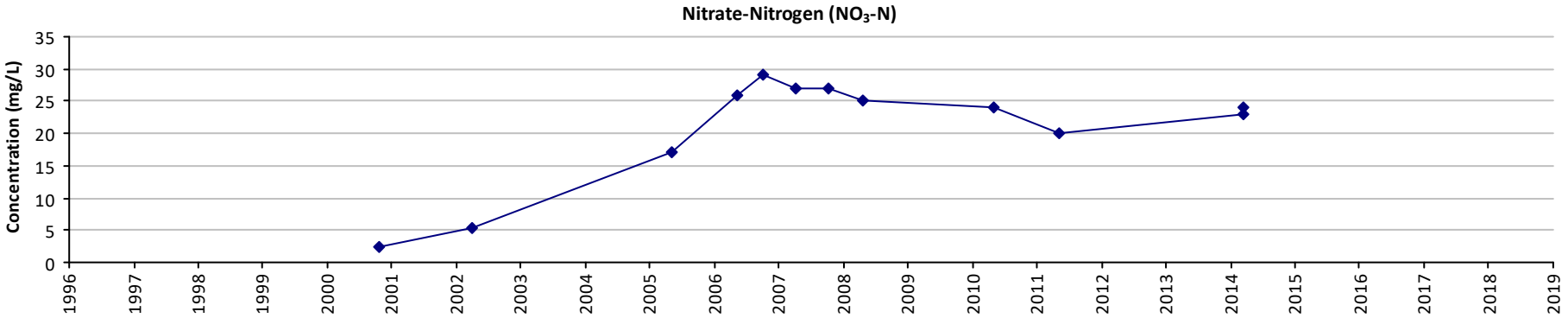
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996
1997
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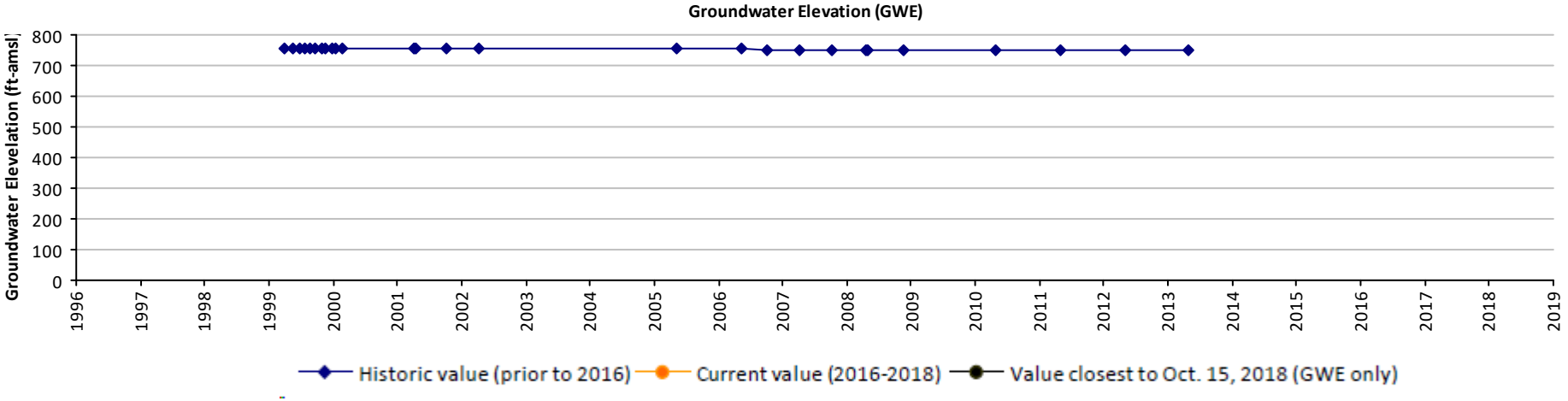
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
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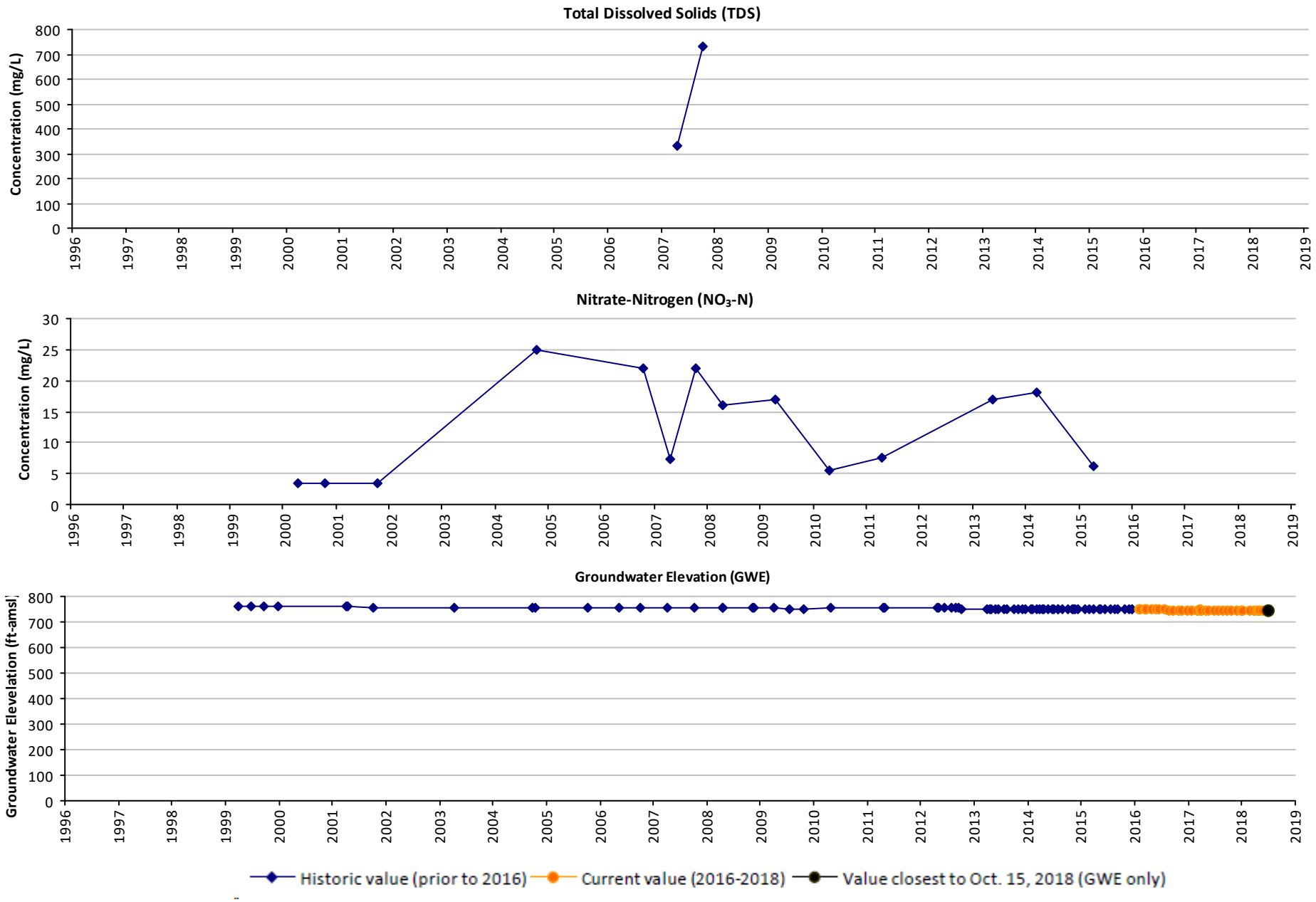
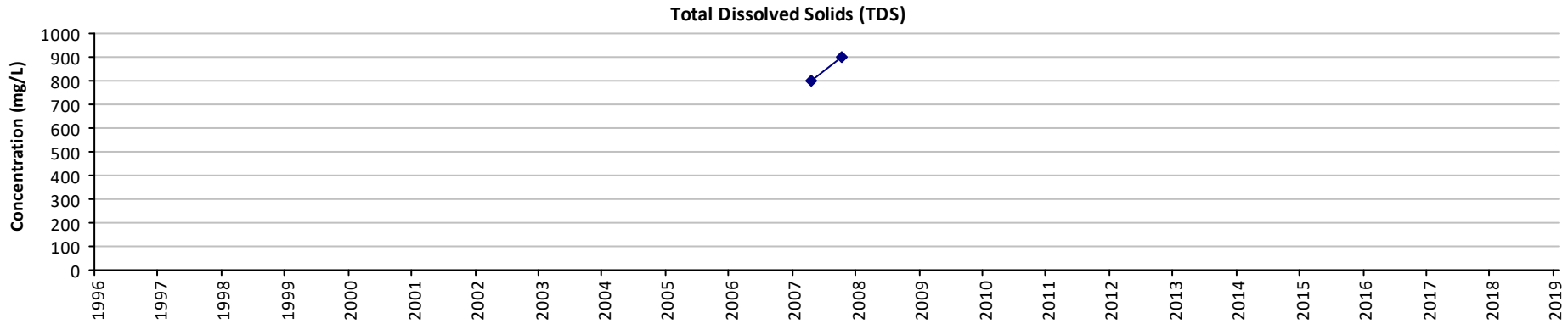
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
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900
1000
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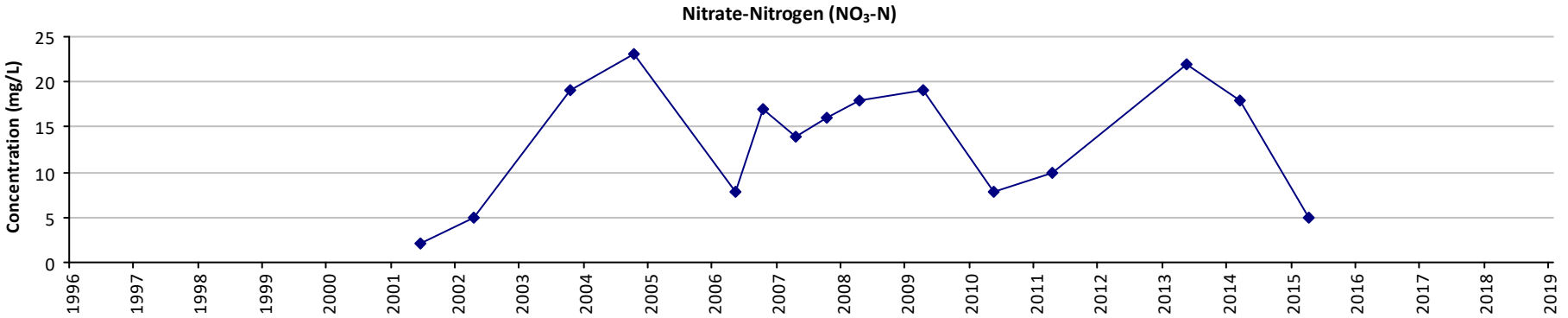
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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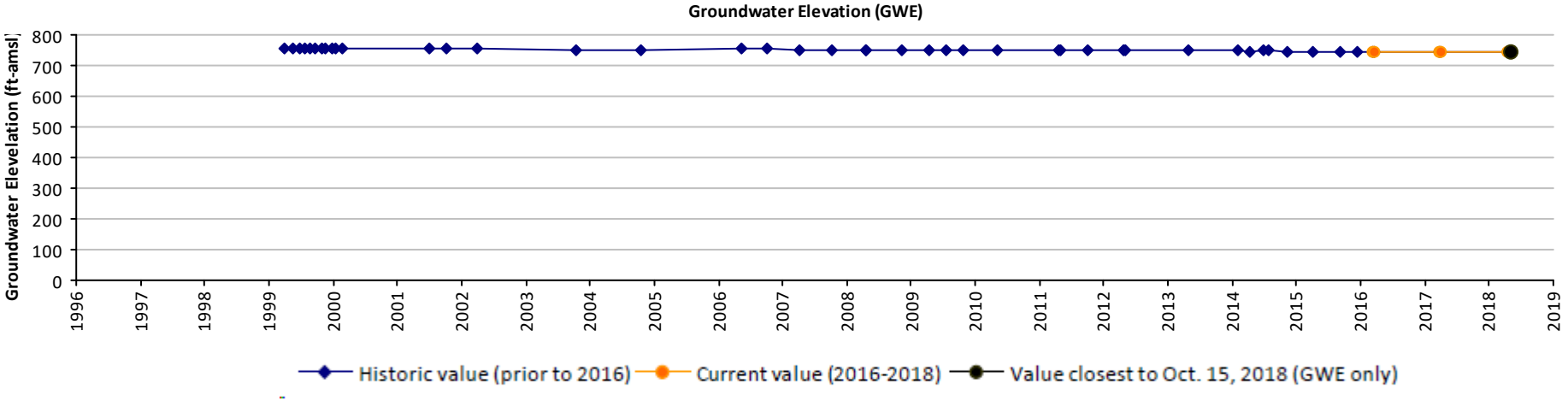
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
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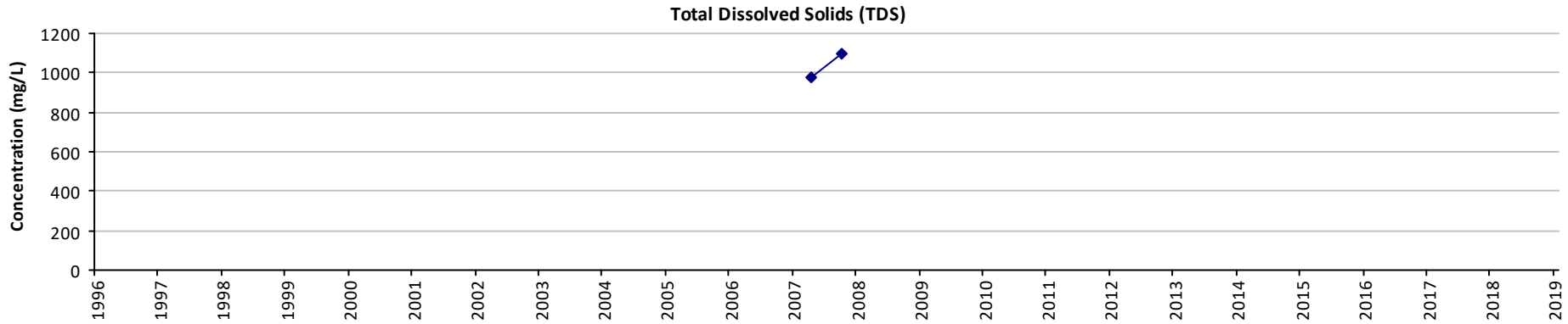
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
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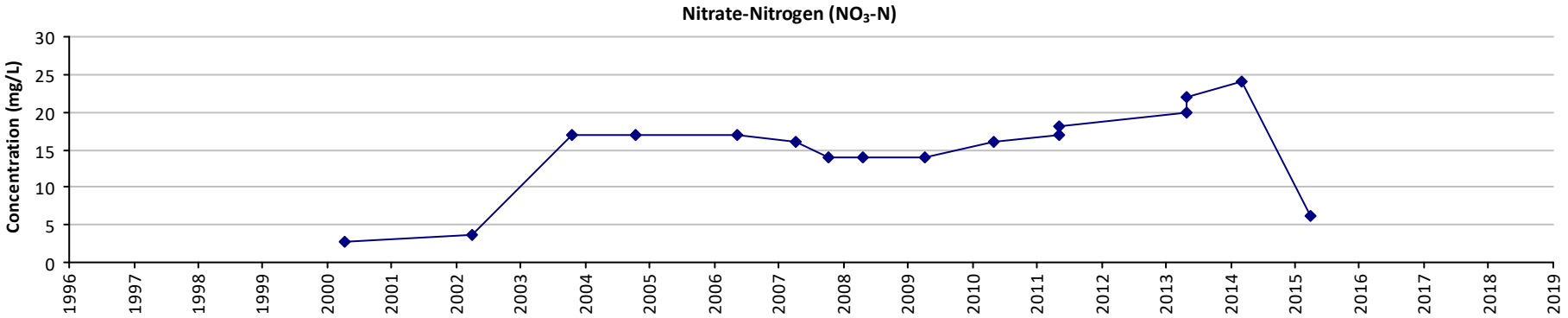
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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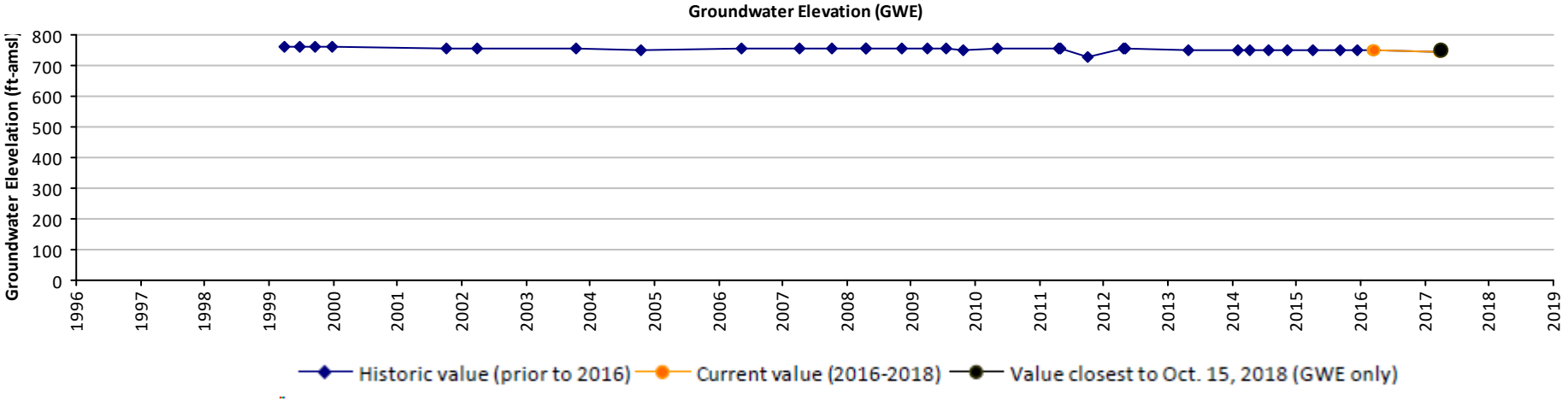
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
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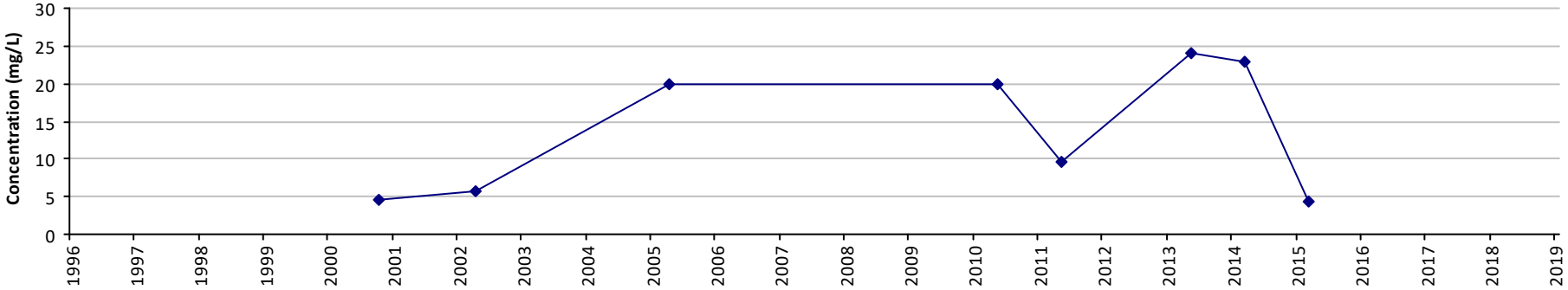
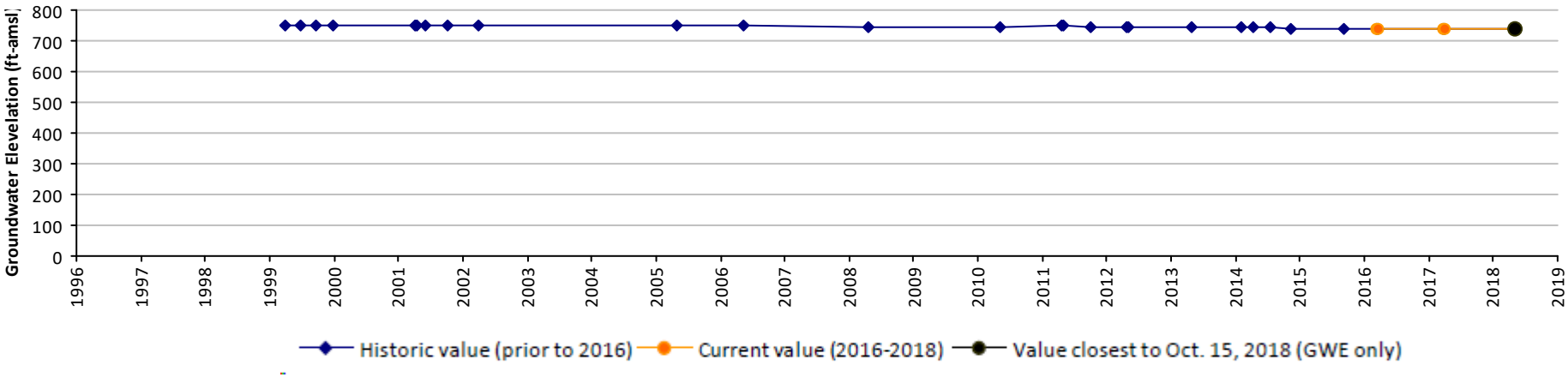
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

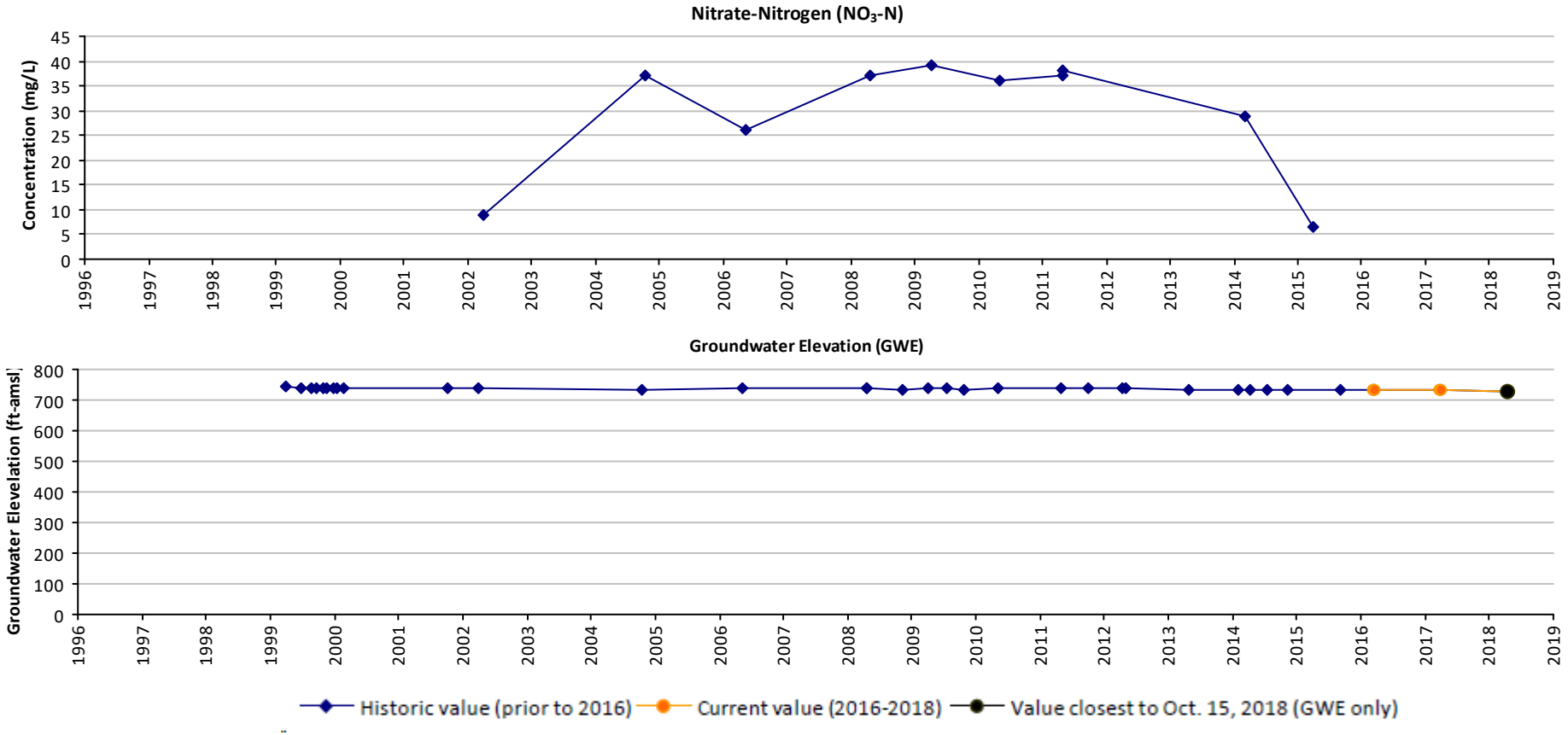
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

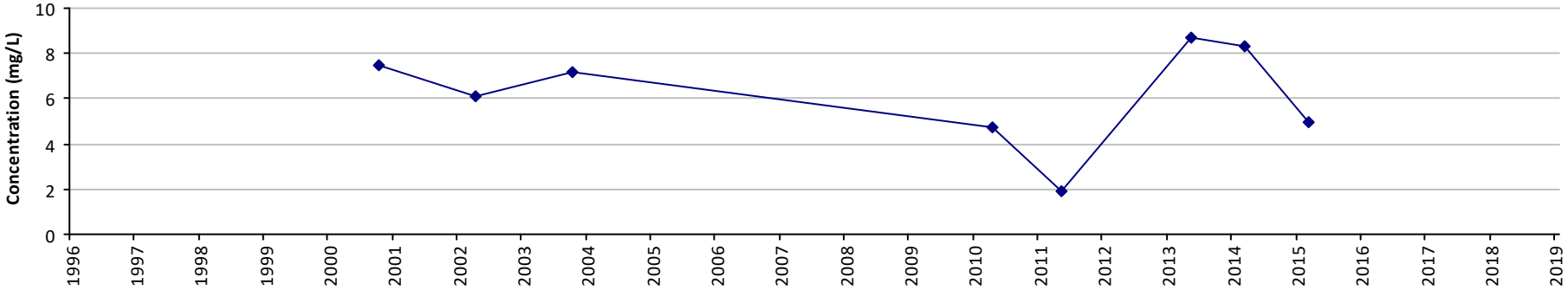


Total Dissolved Solids (TDS)

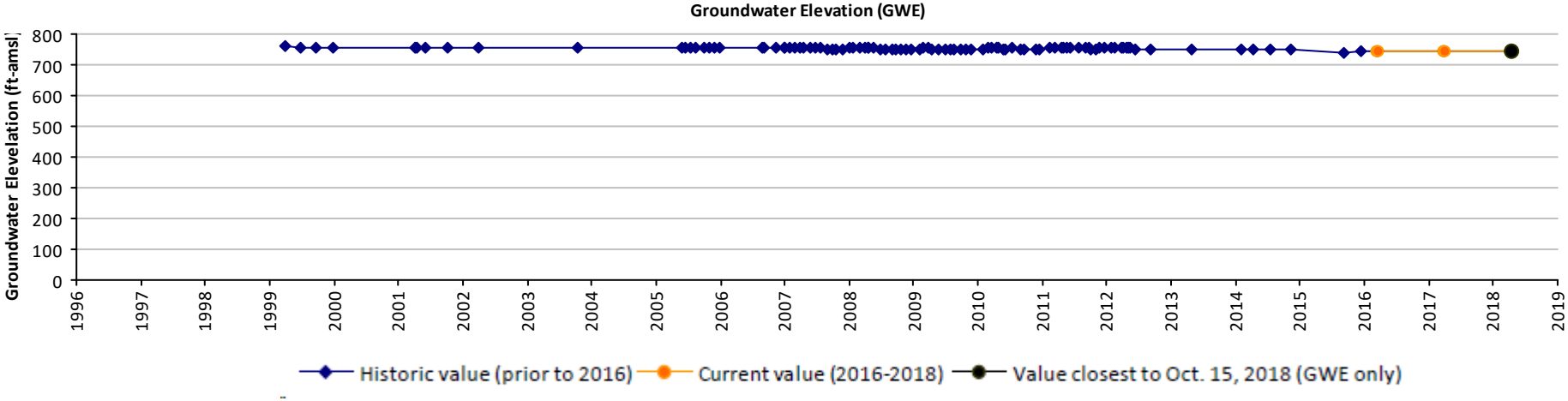


Total Dissolved Solids (TDS)

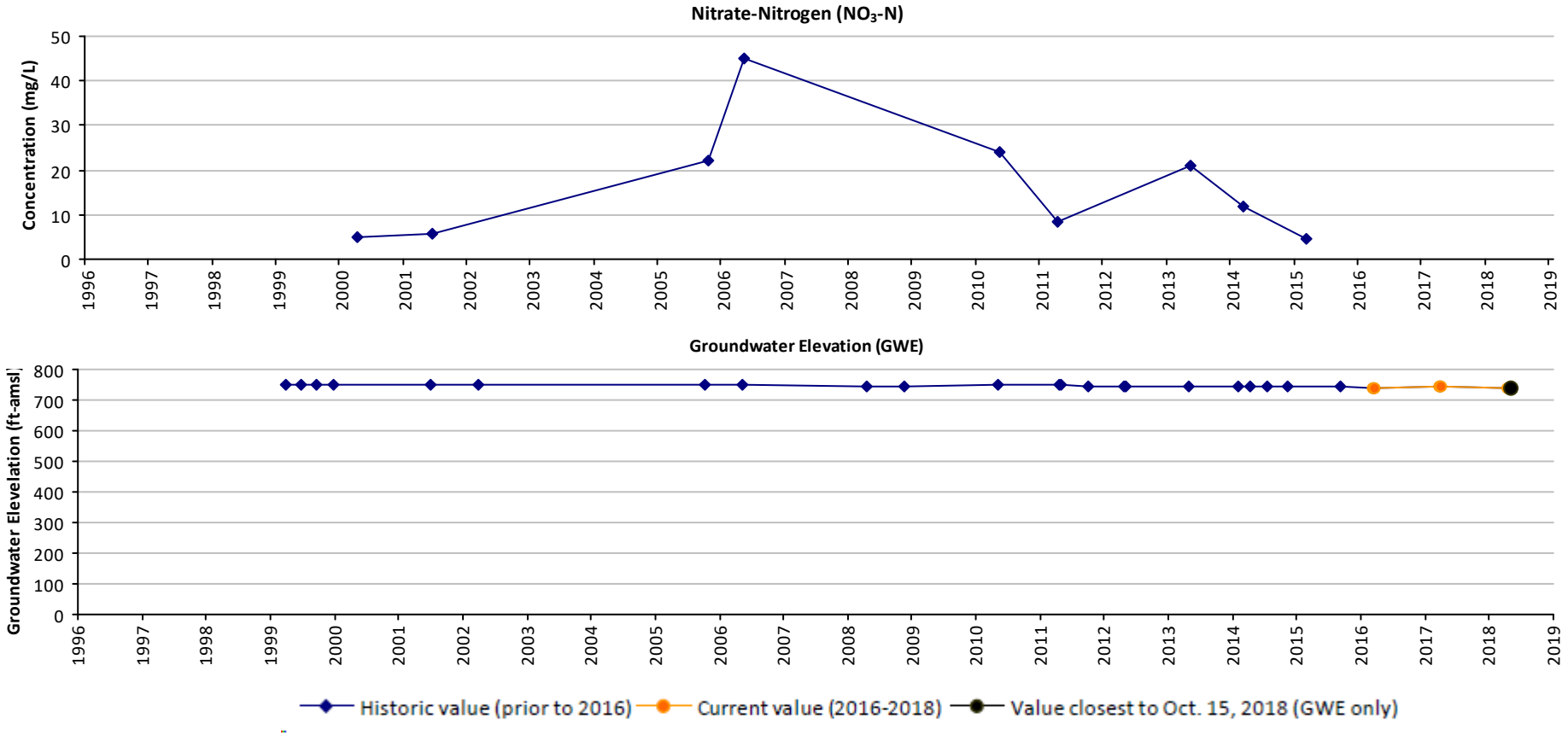
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

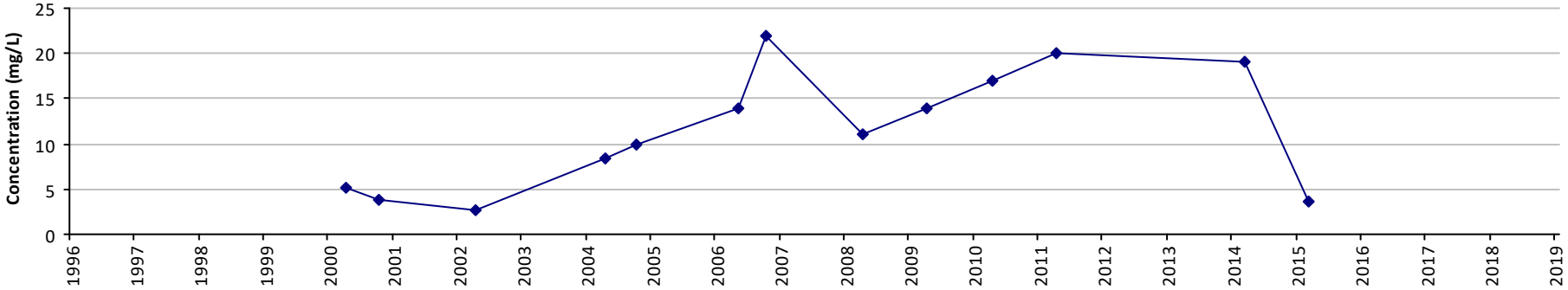


Total Dissolved Solids (TDS)

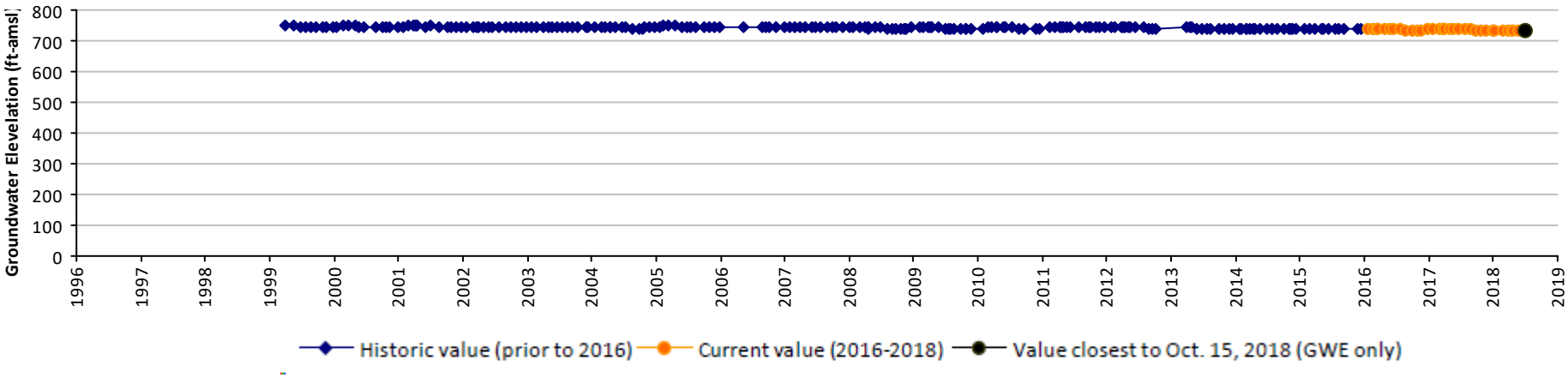


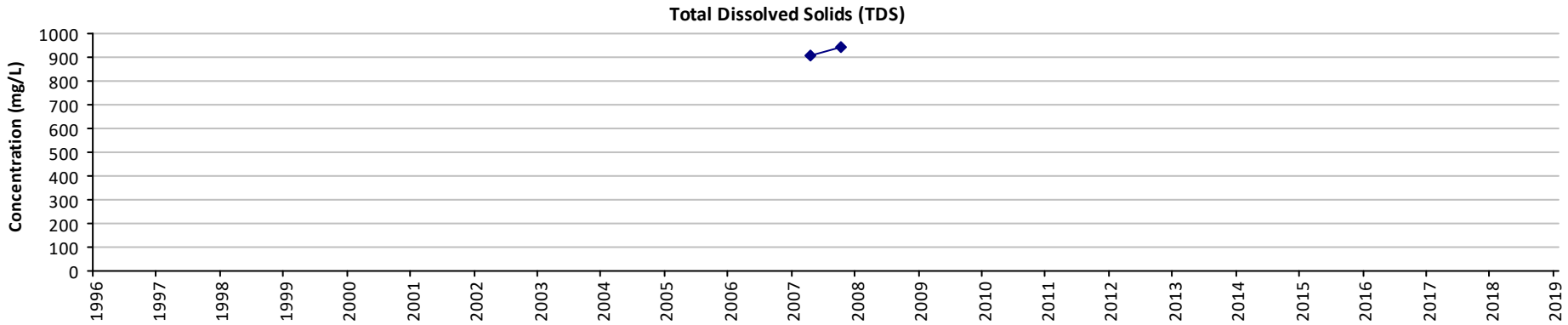
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
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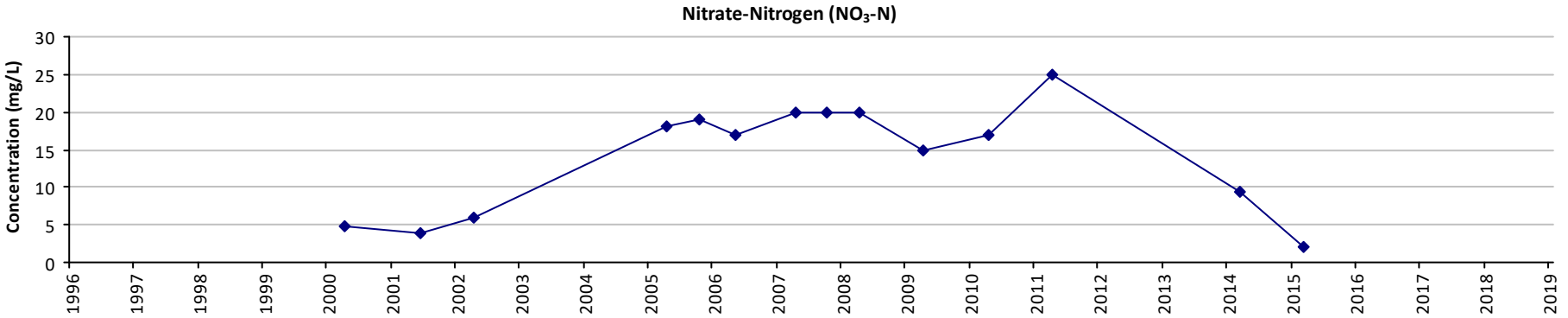
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
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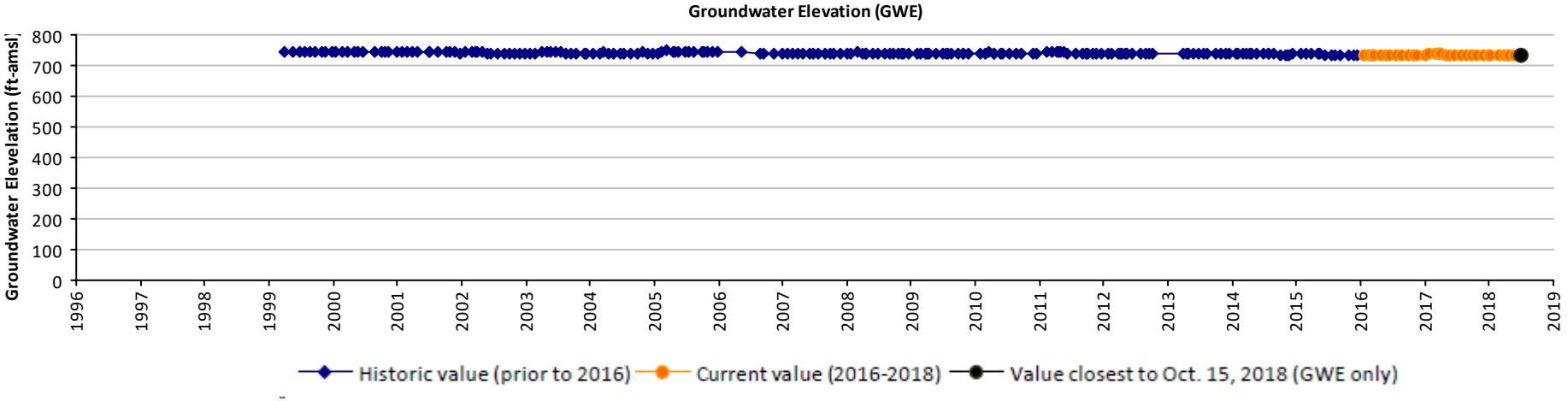
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
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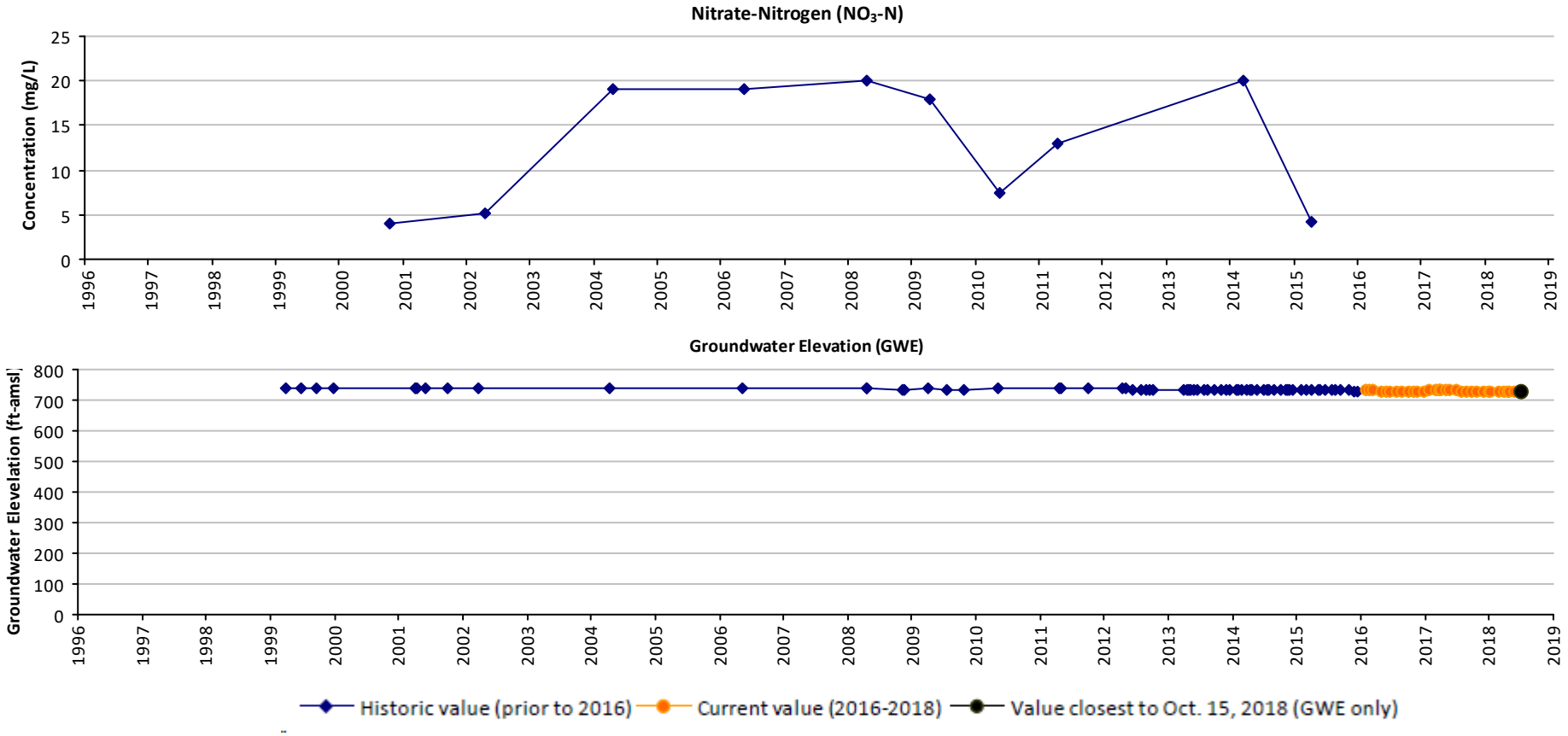
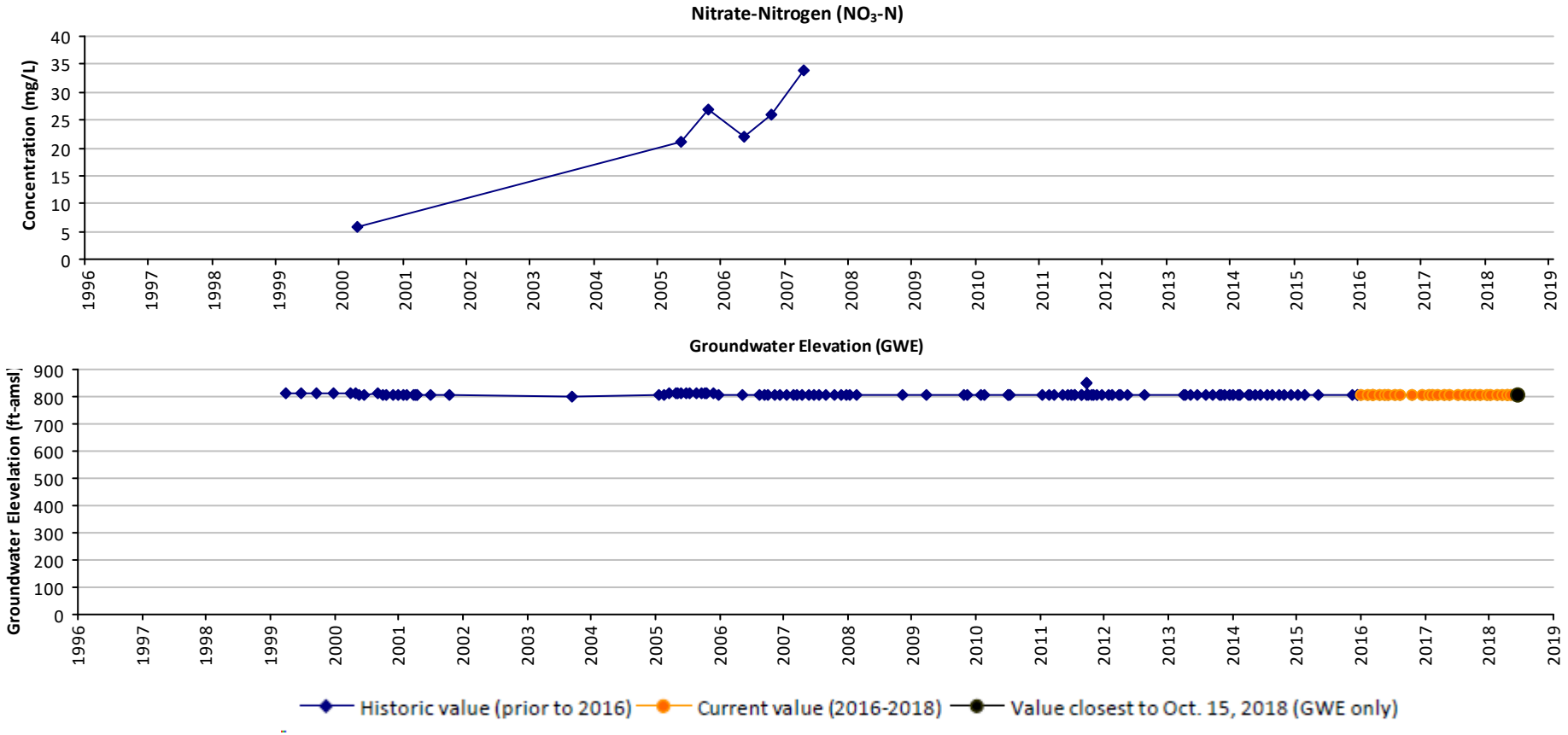
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

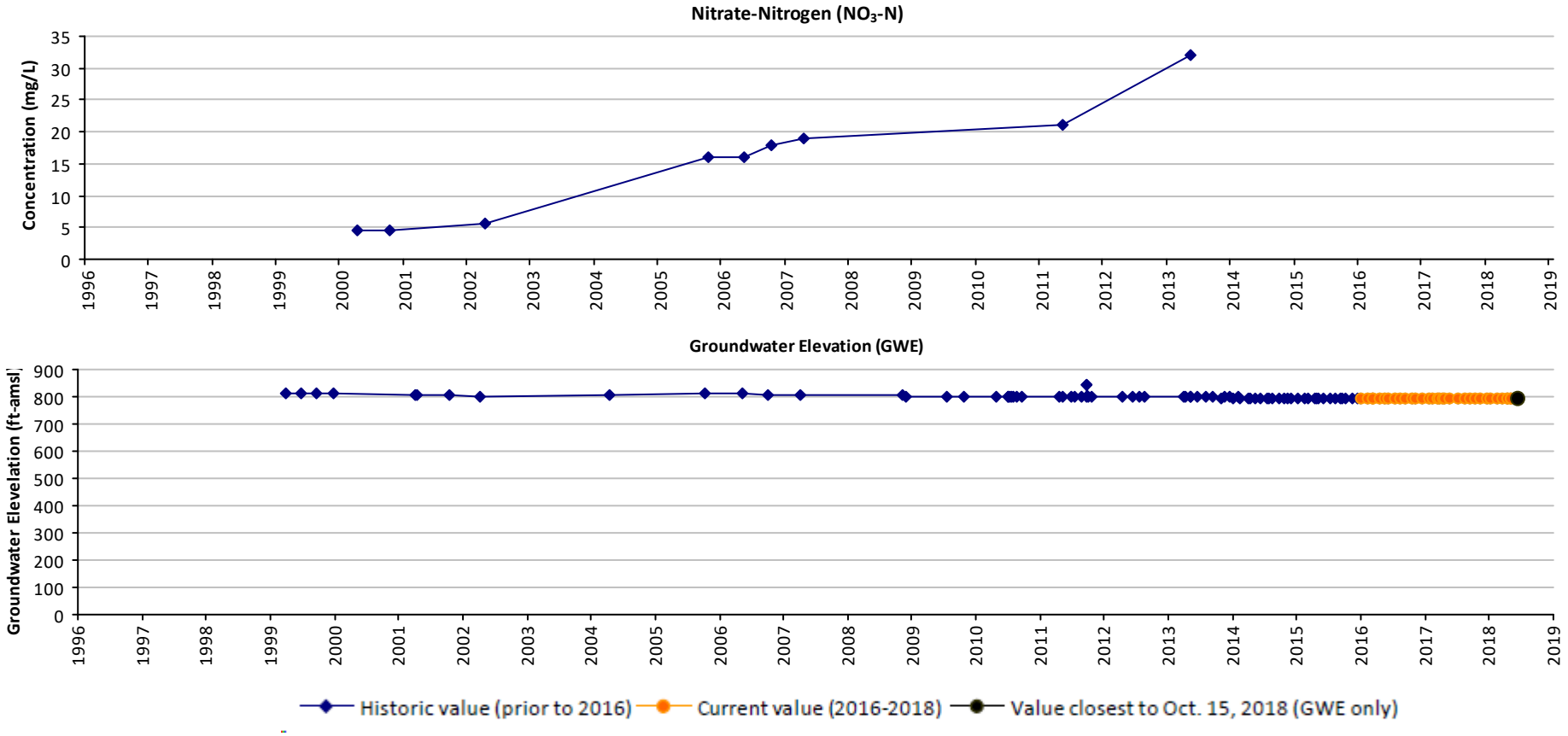
Total Dissolved Solids (TDS)



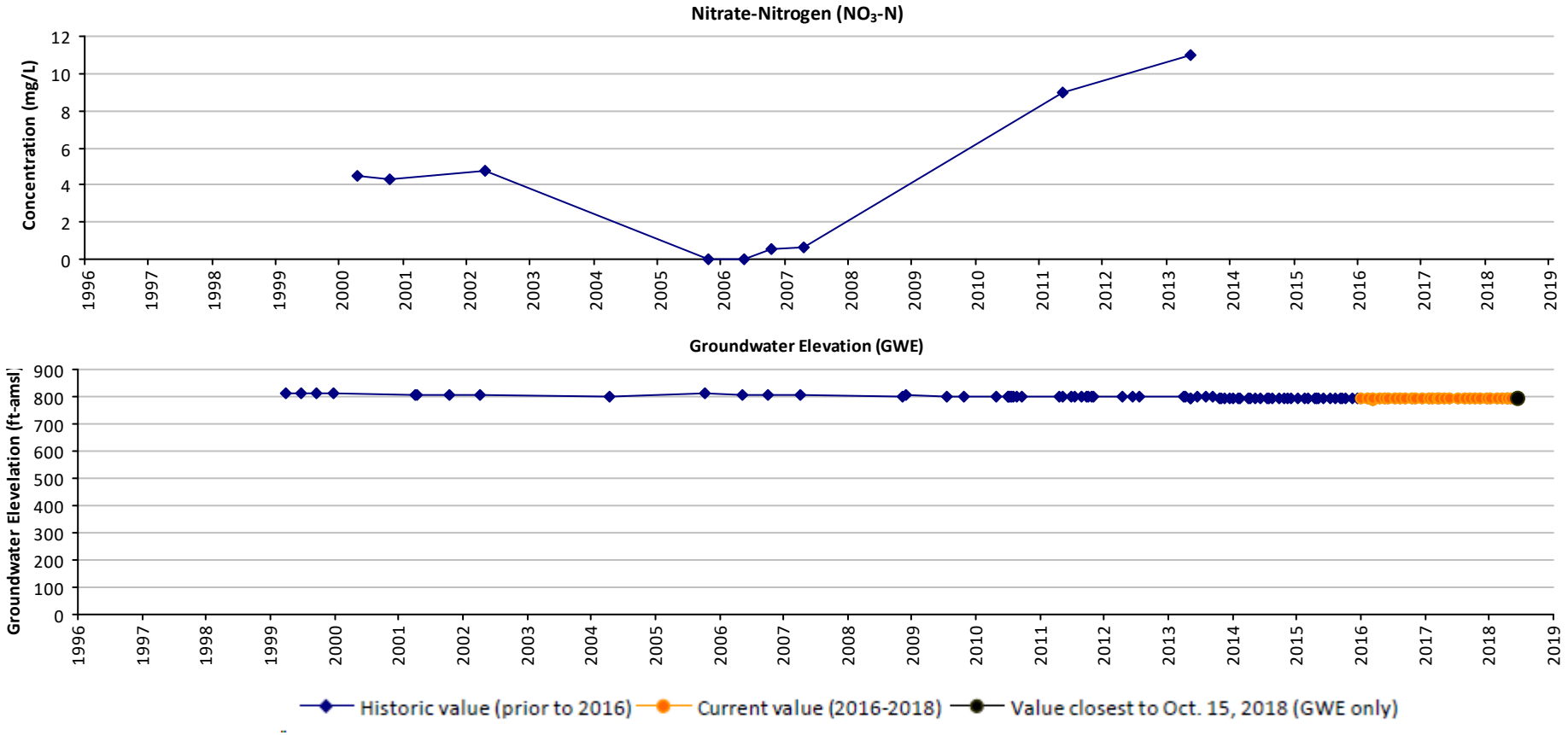
Total Dissolved Solids (TDS)



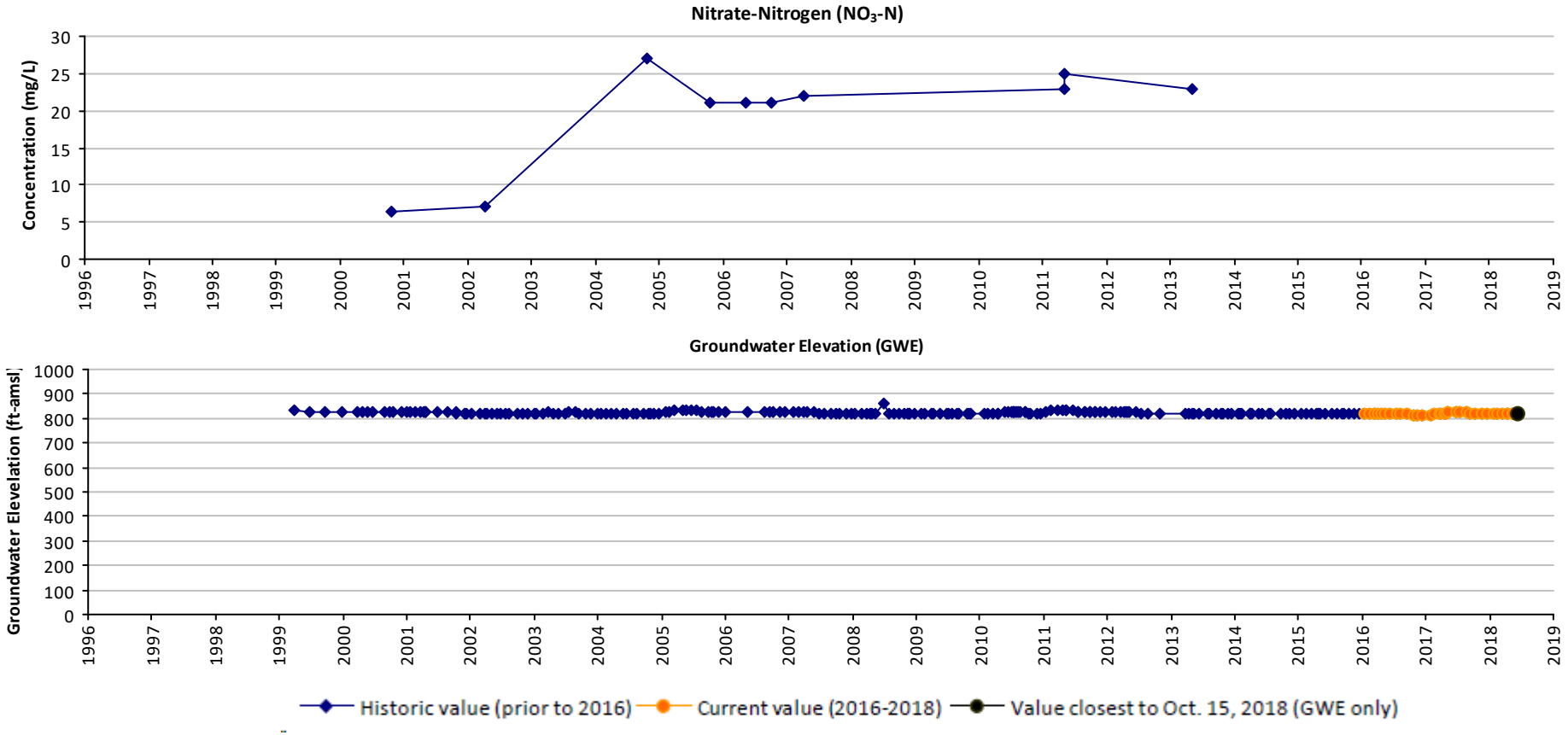
Total Dissolved Solids (TDS)



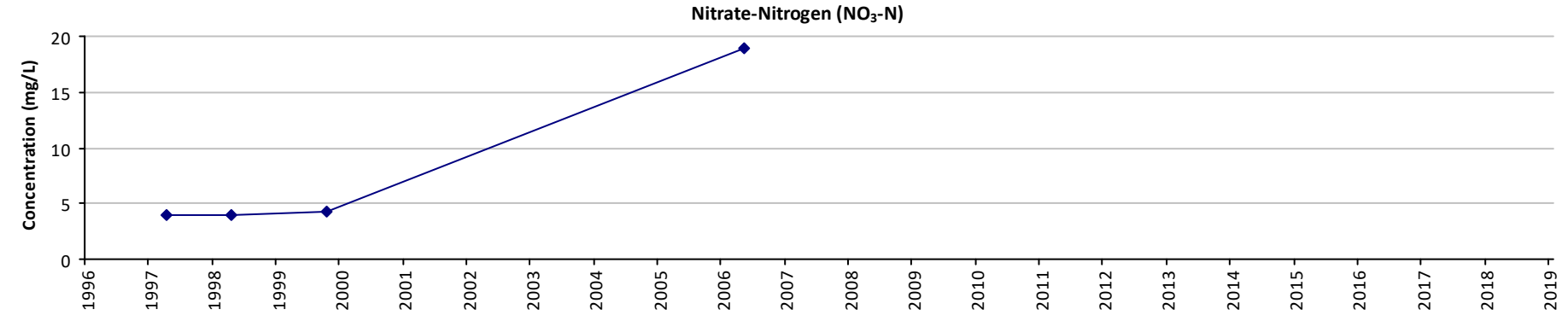
Total Dissolved Solids (TDS)

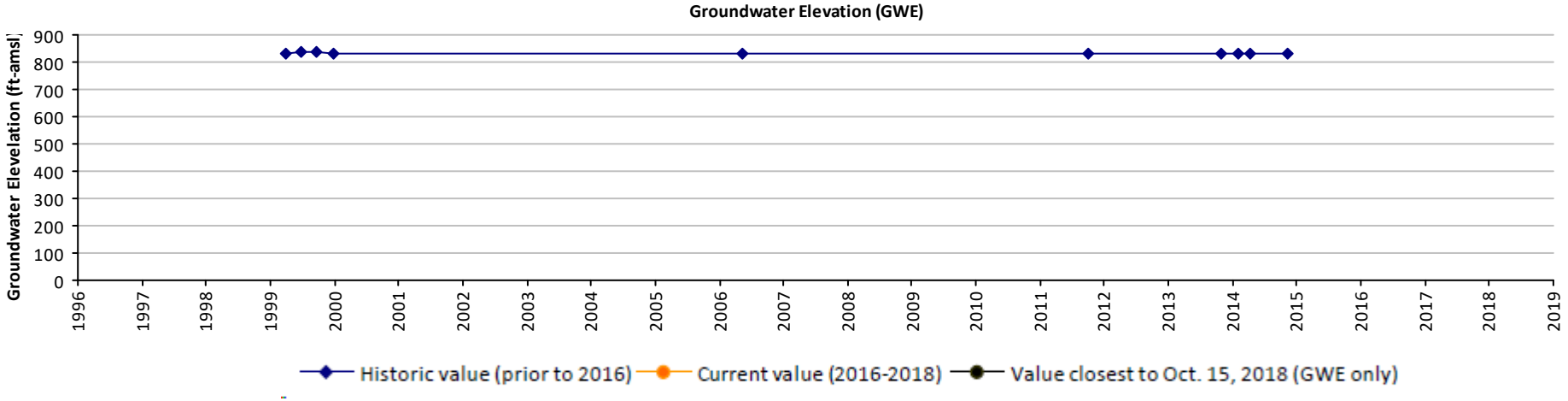


Total Dissolved Solids (TDS)

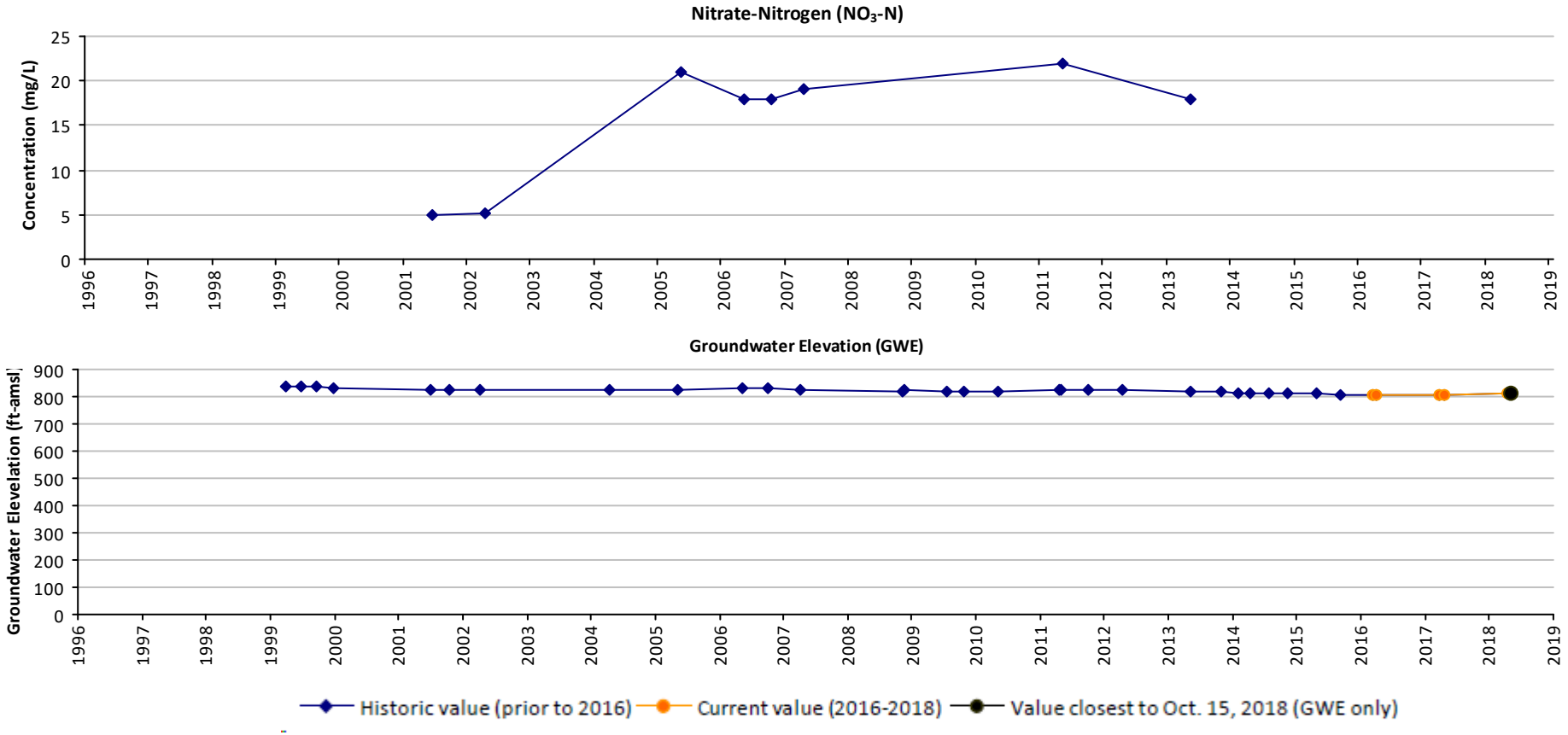


Total Dissolved Solids (TDS)

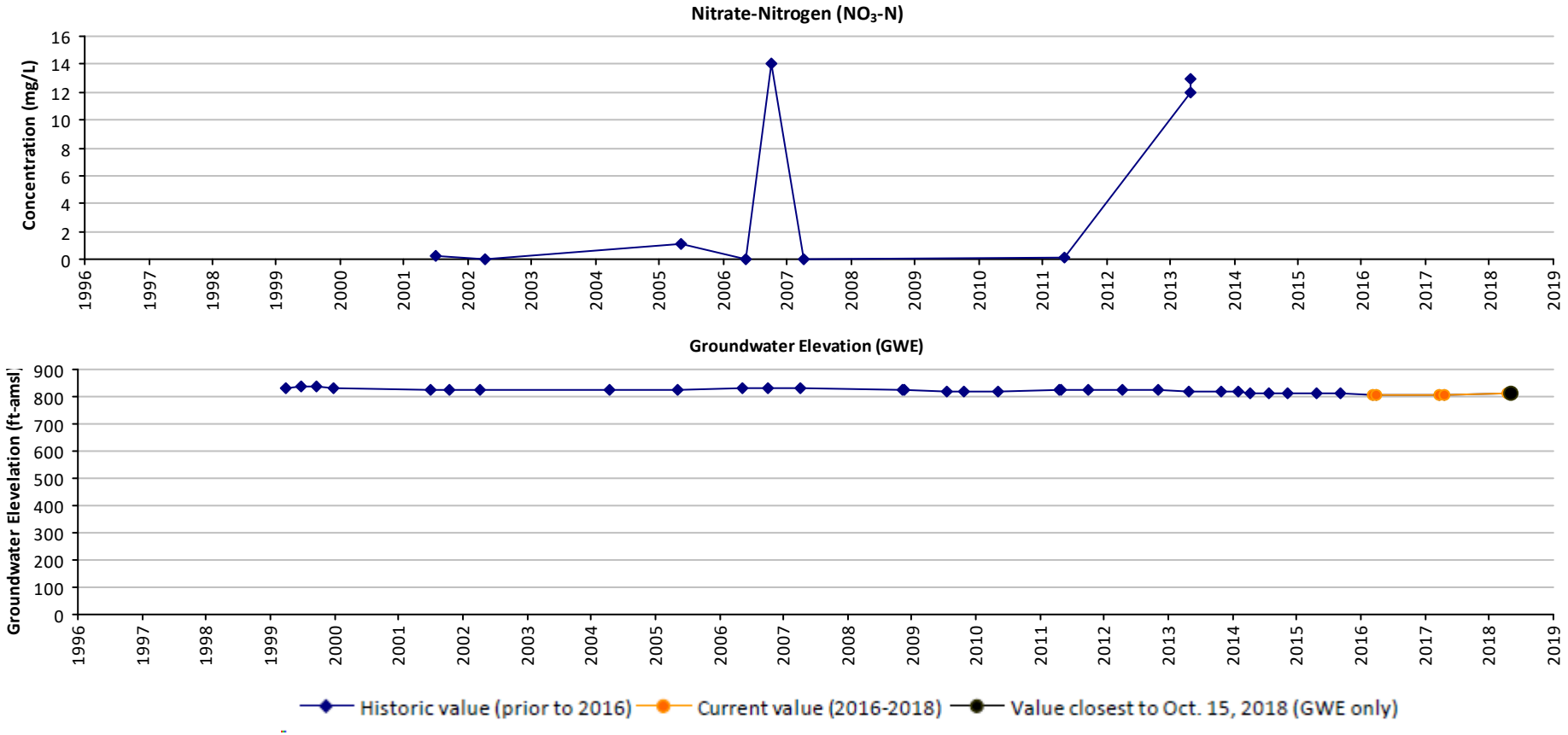




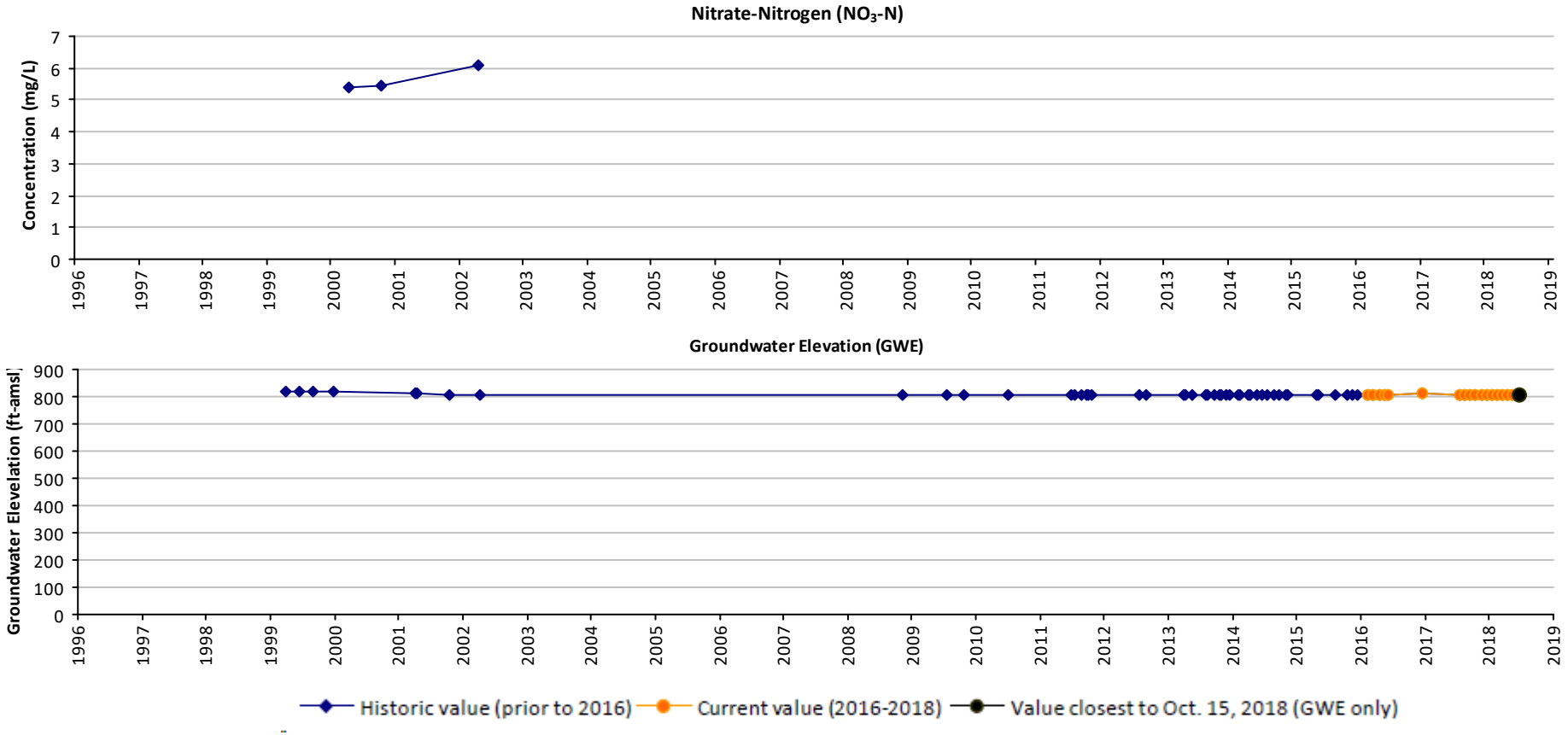
Total Dissolved Solids (TDS)



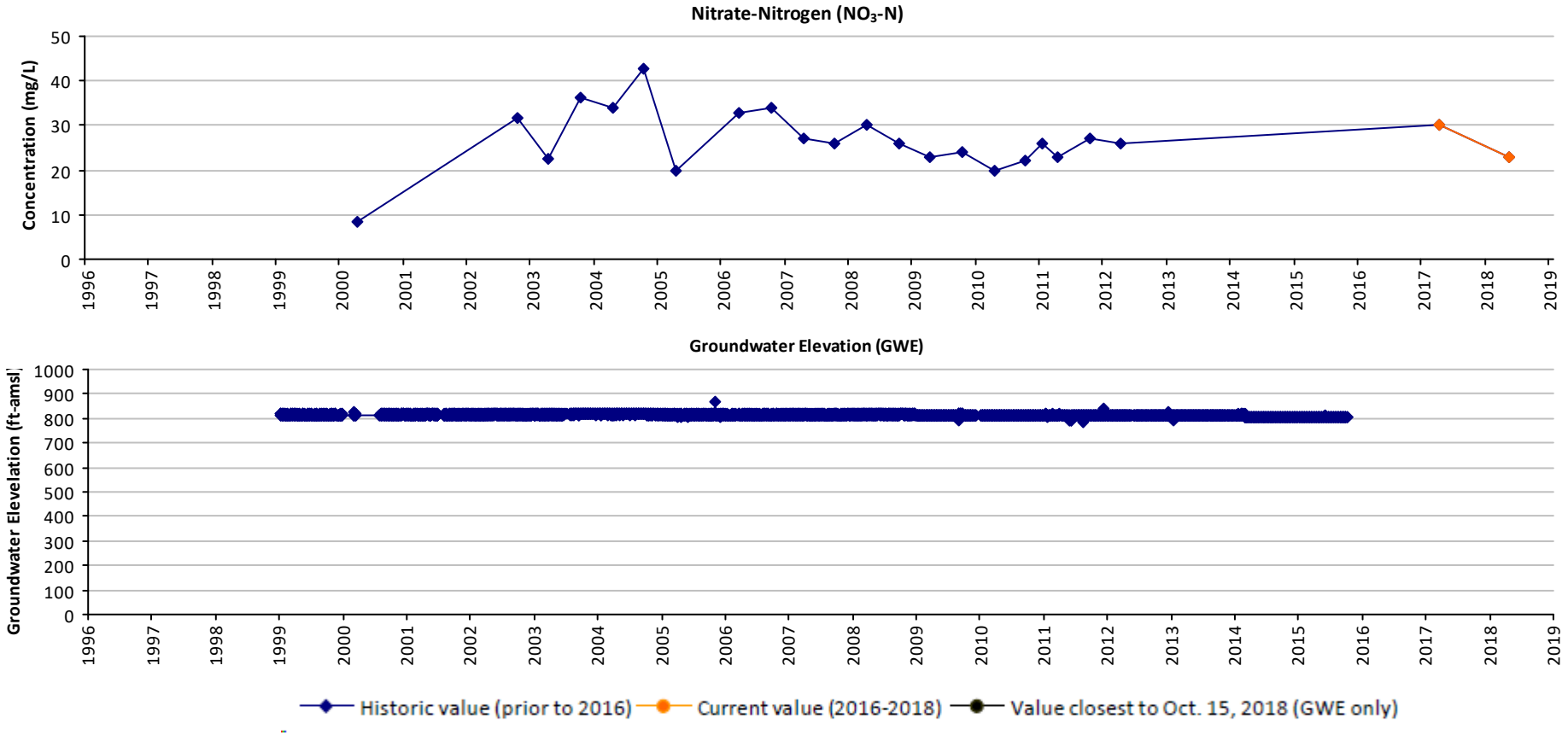
Total Dissolved Solids (TDS)



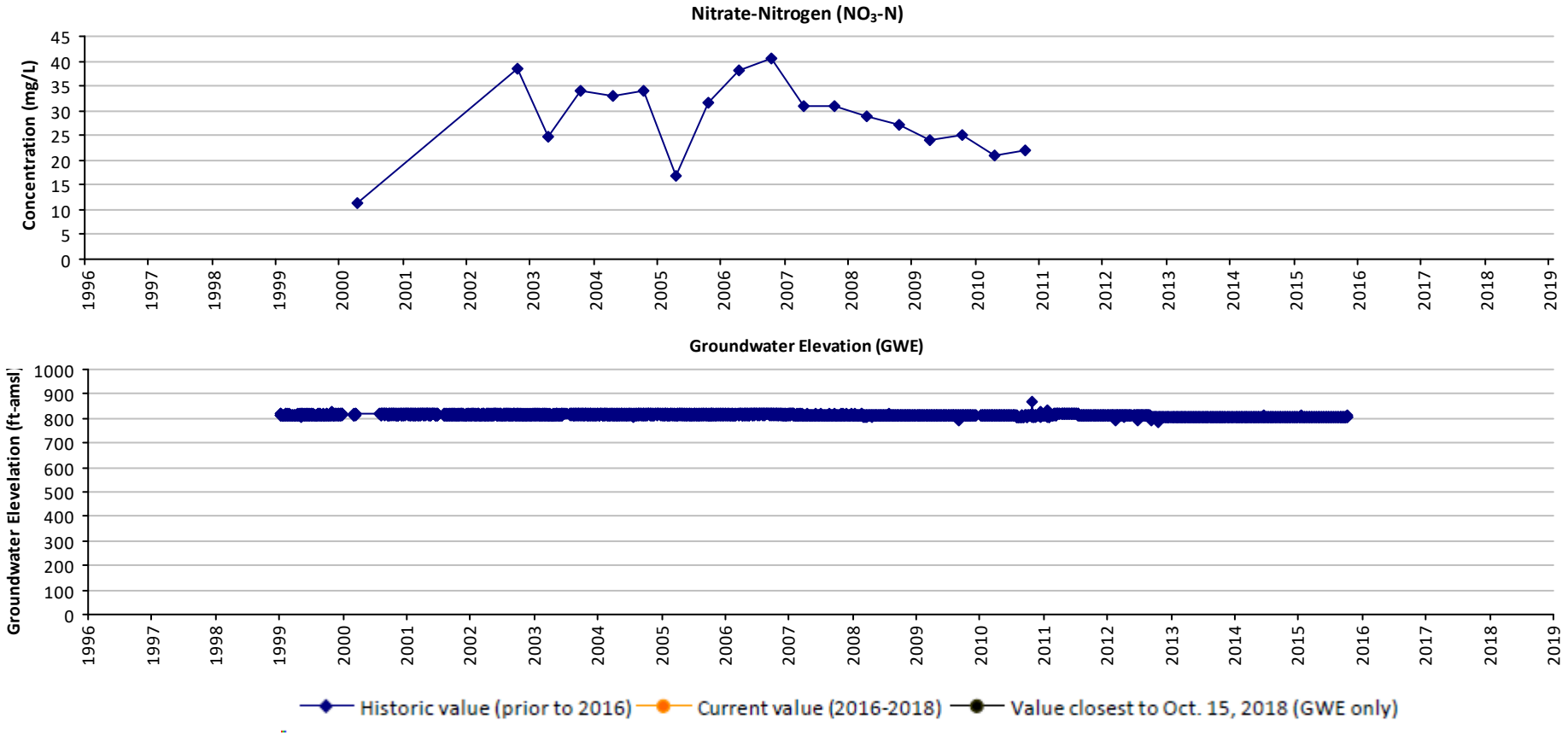
Total Dissolved Solids (TDS)



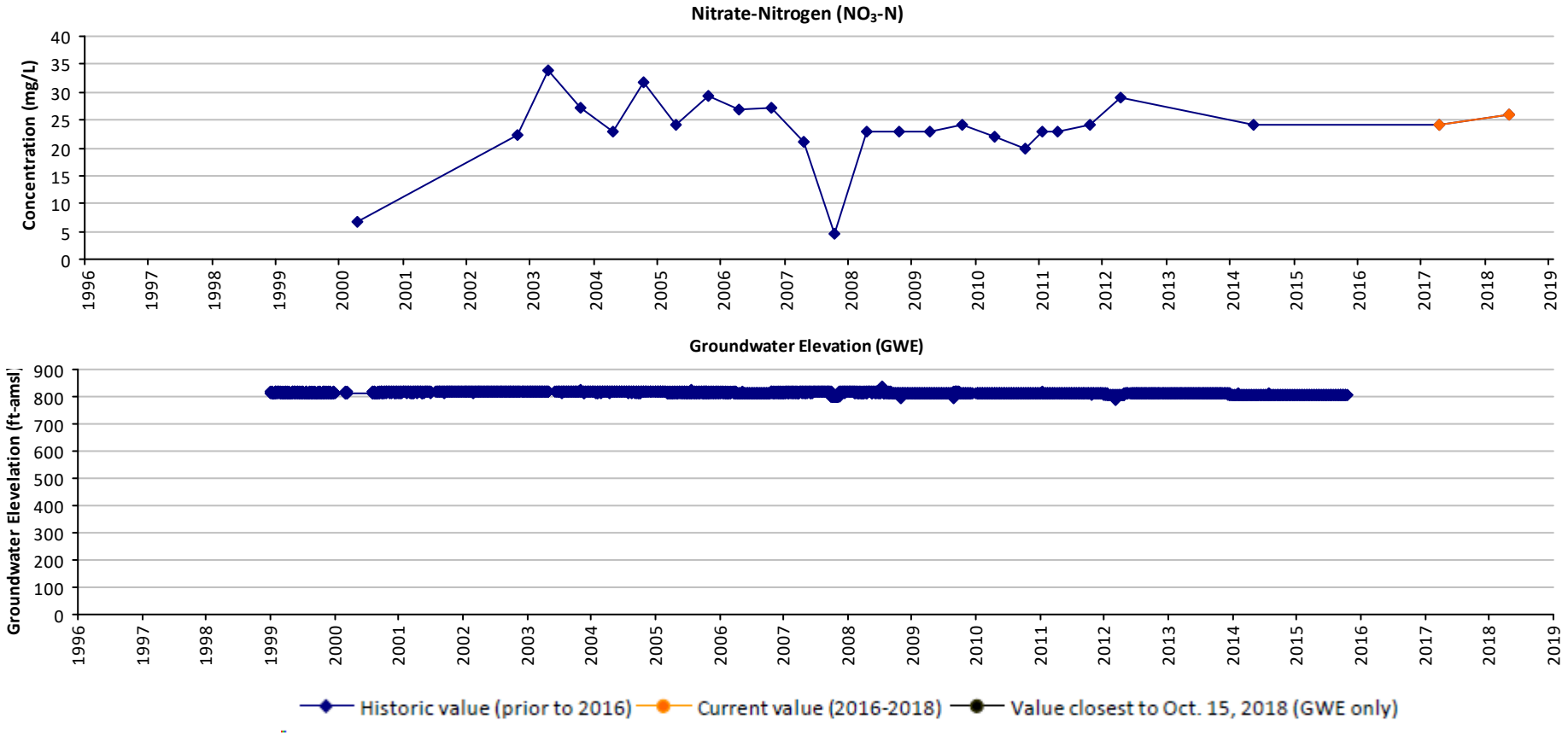
Total Dissolved Solids (TDS)



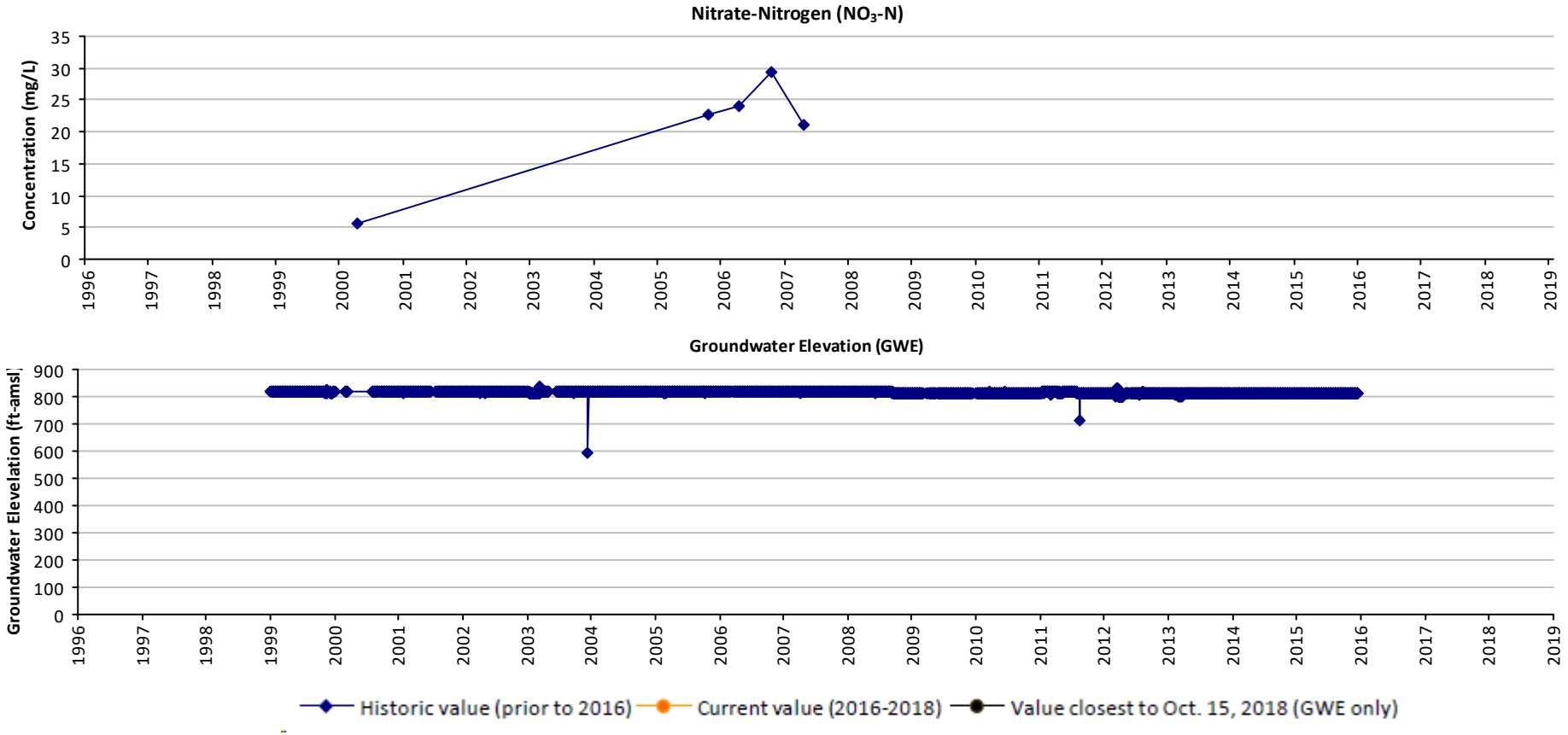
Total Dissolved Solids (TDS)



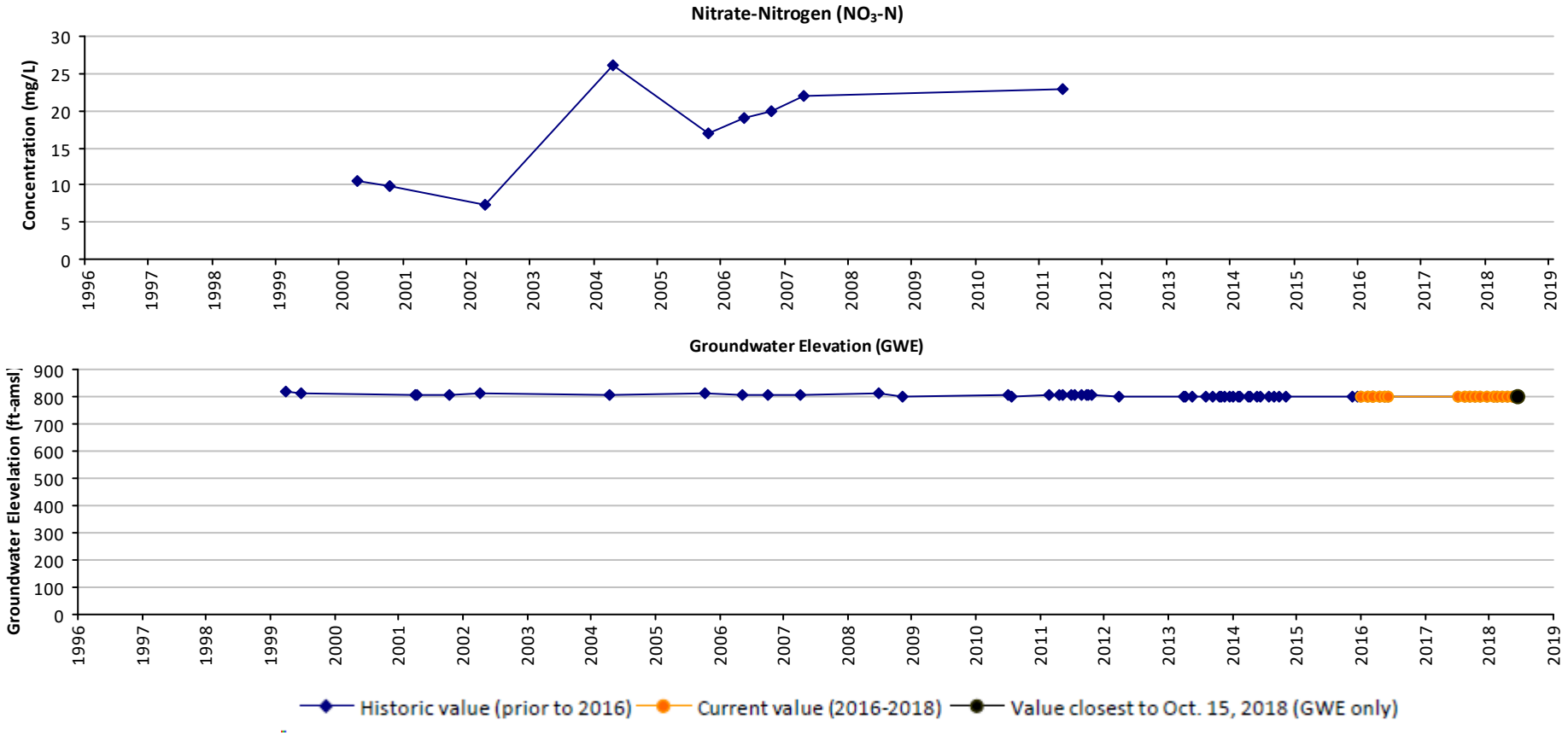
Total Dissolved Solids (TDS)



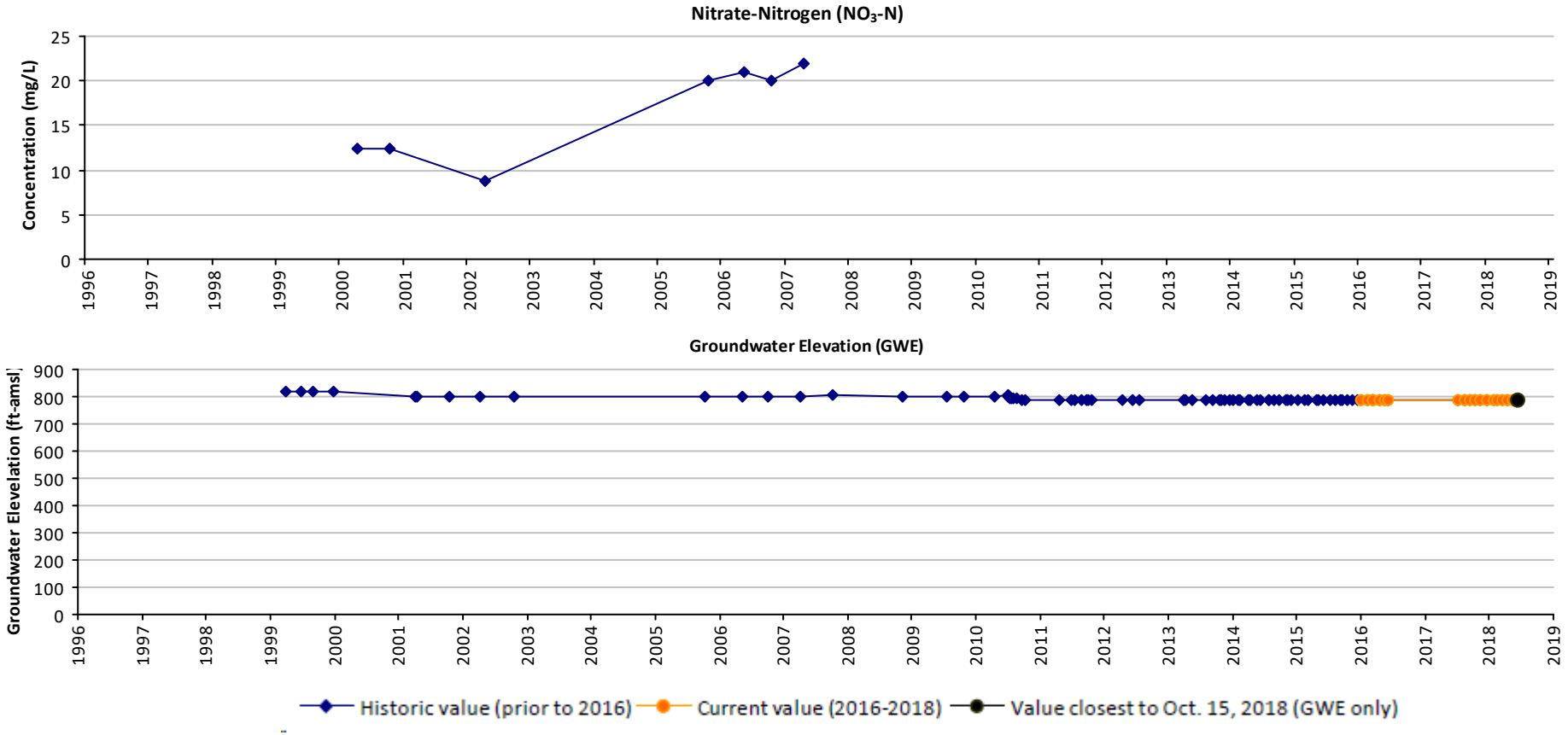
Total Dissolved Solids (TDS)



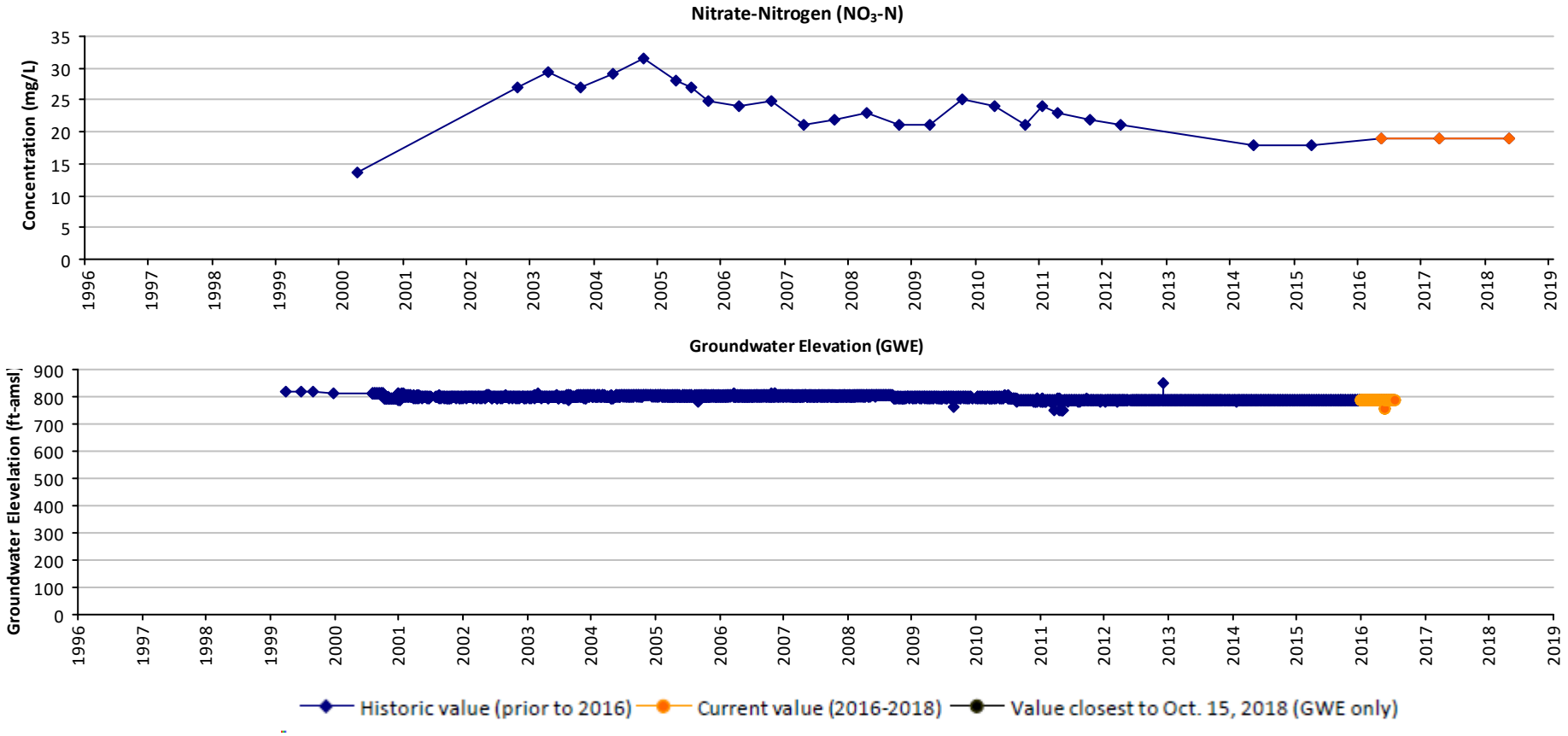
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

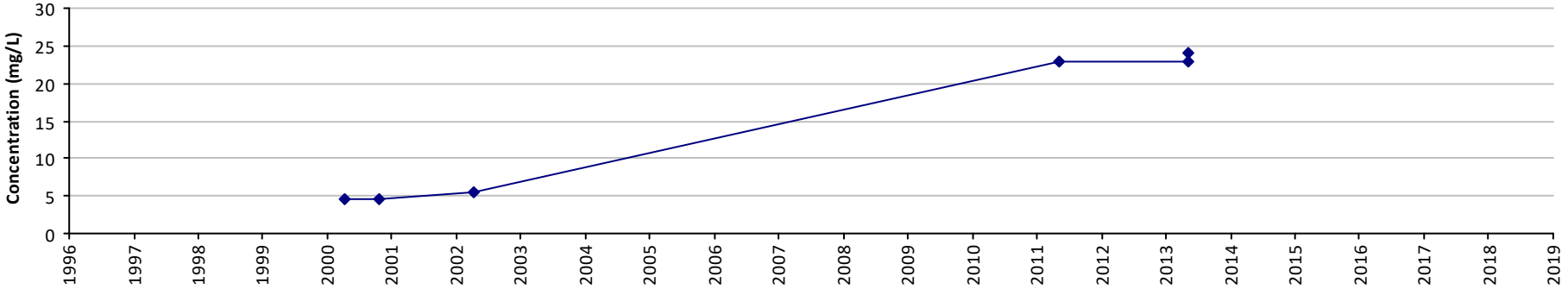


Total Dissolved Solids (TDS)

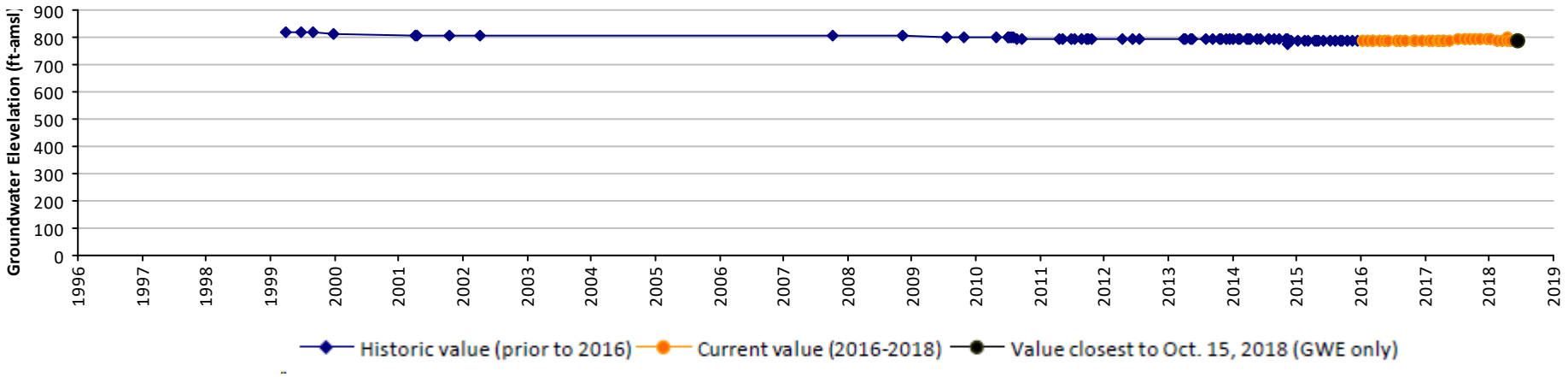


Total Dissolved Solids (TDS)

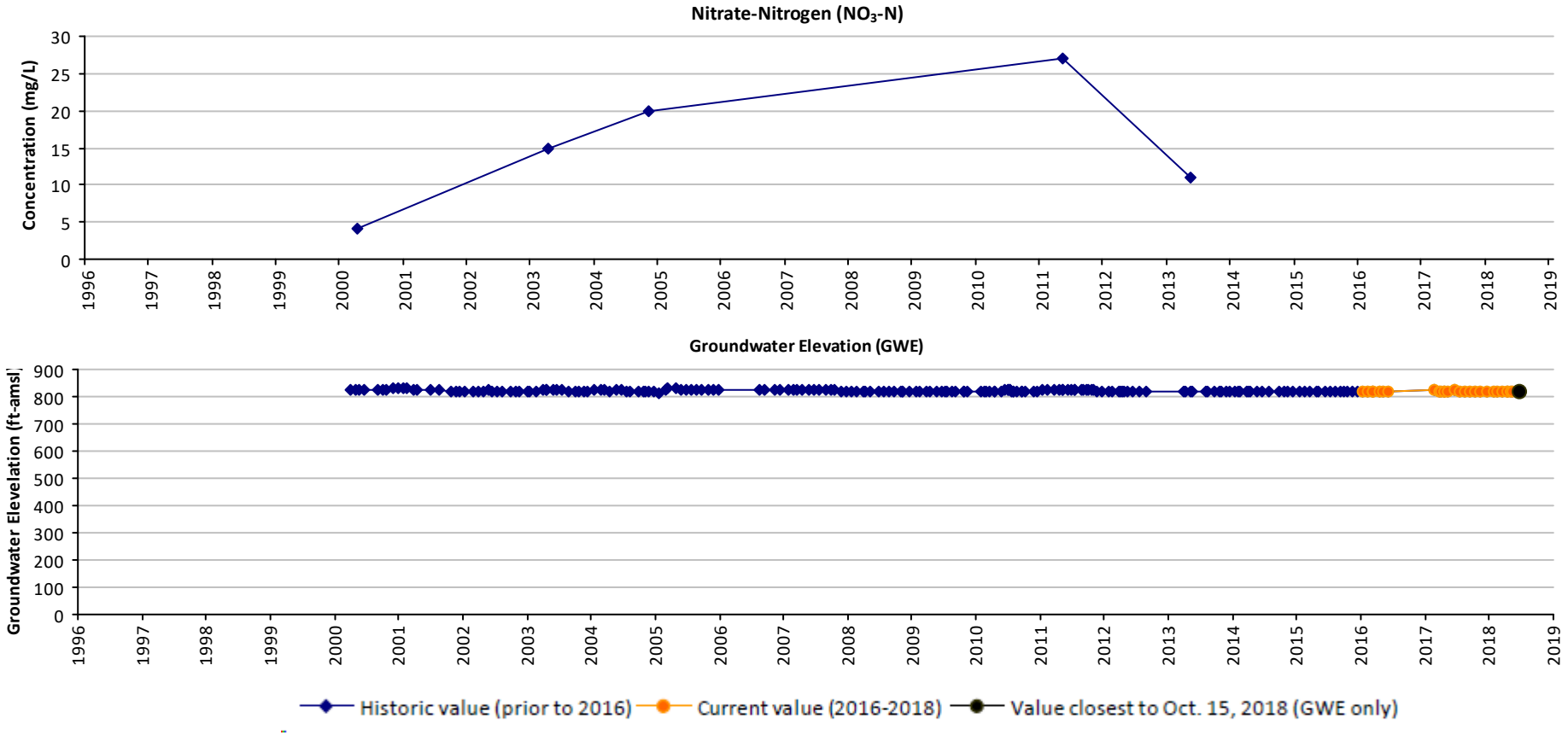
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)



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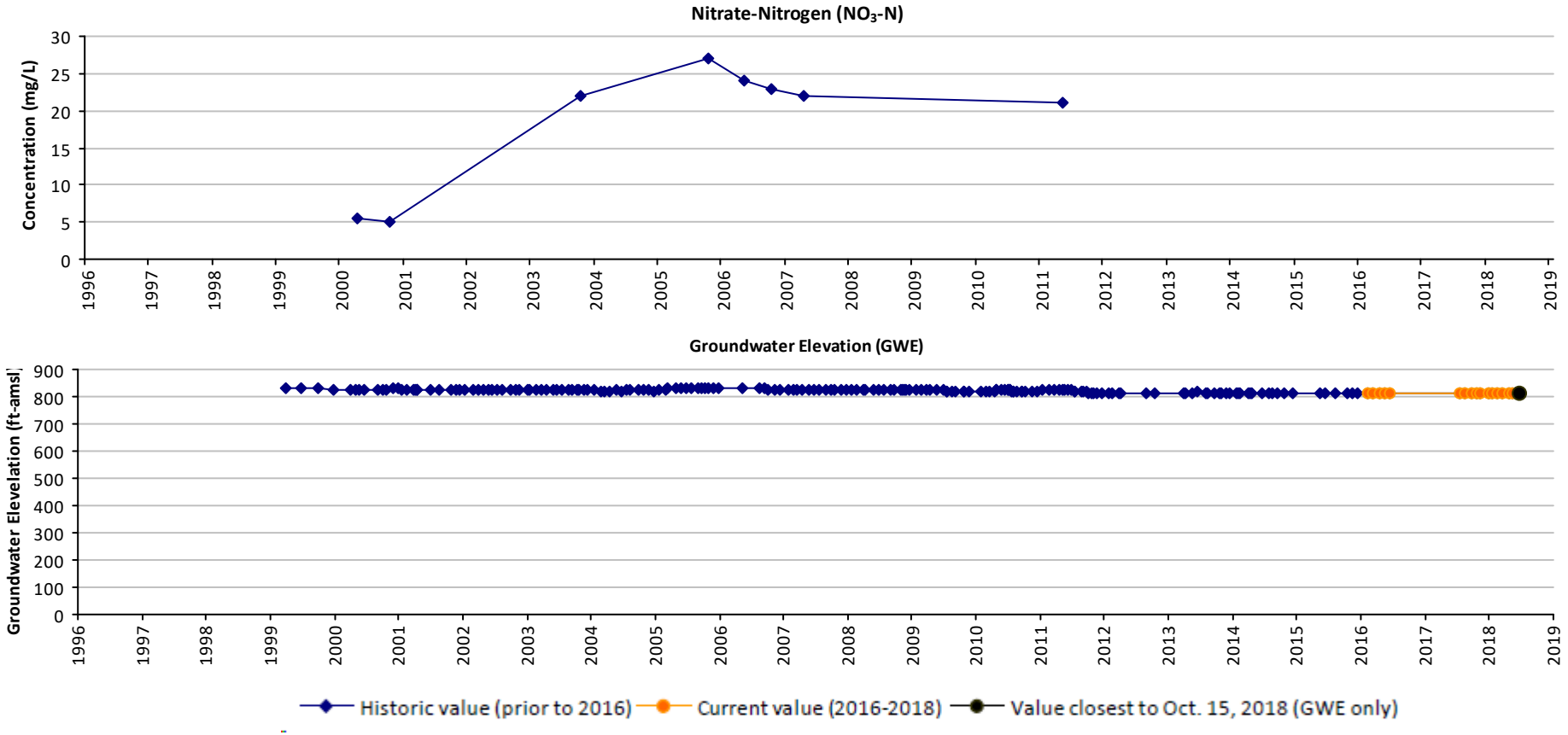
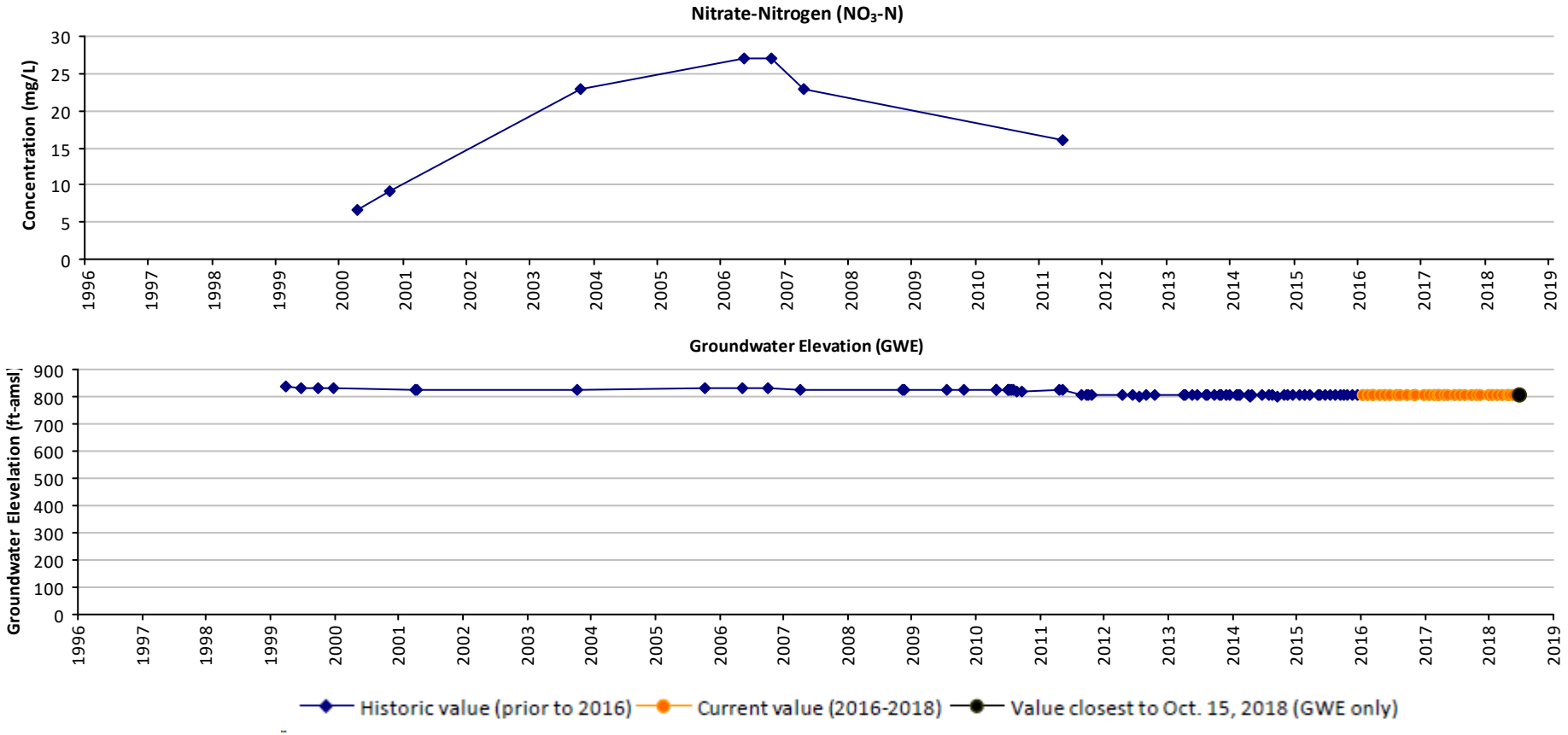


Total Dissolved Solids (TDS)



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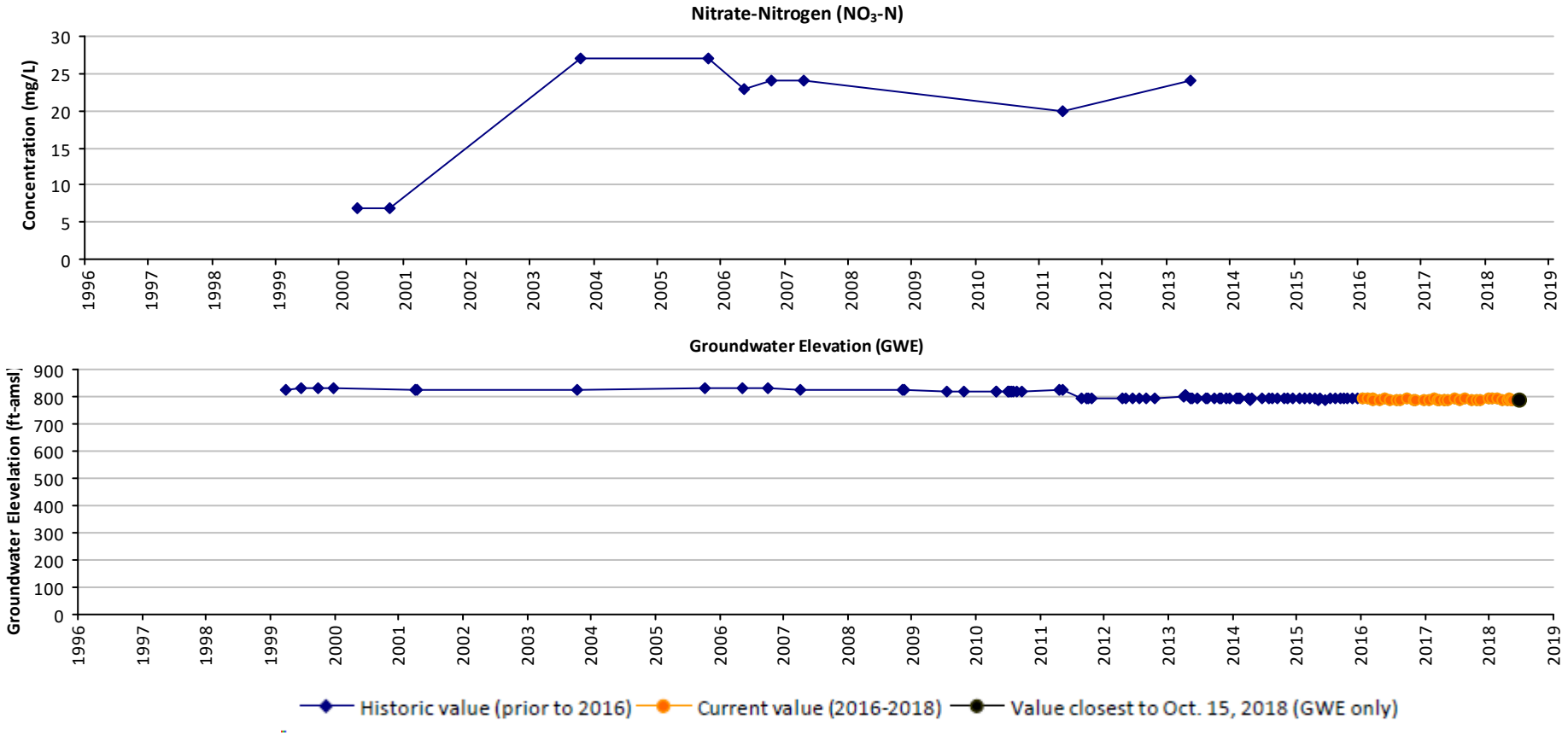

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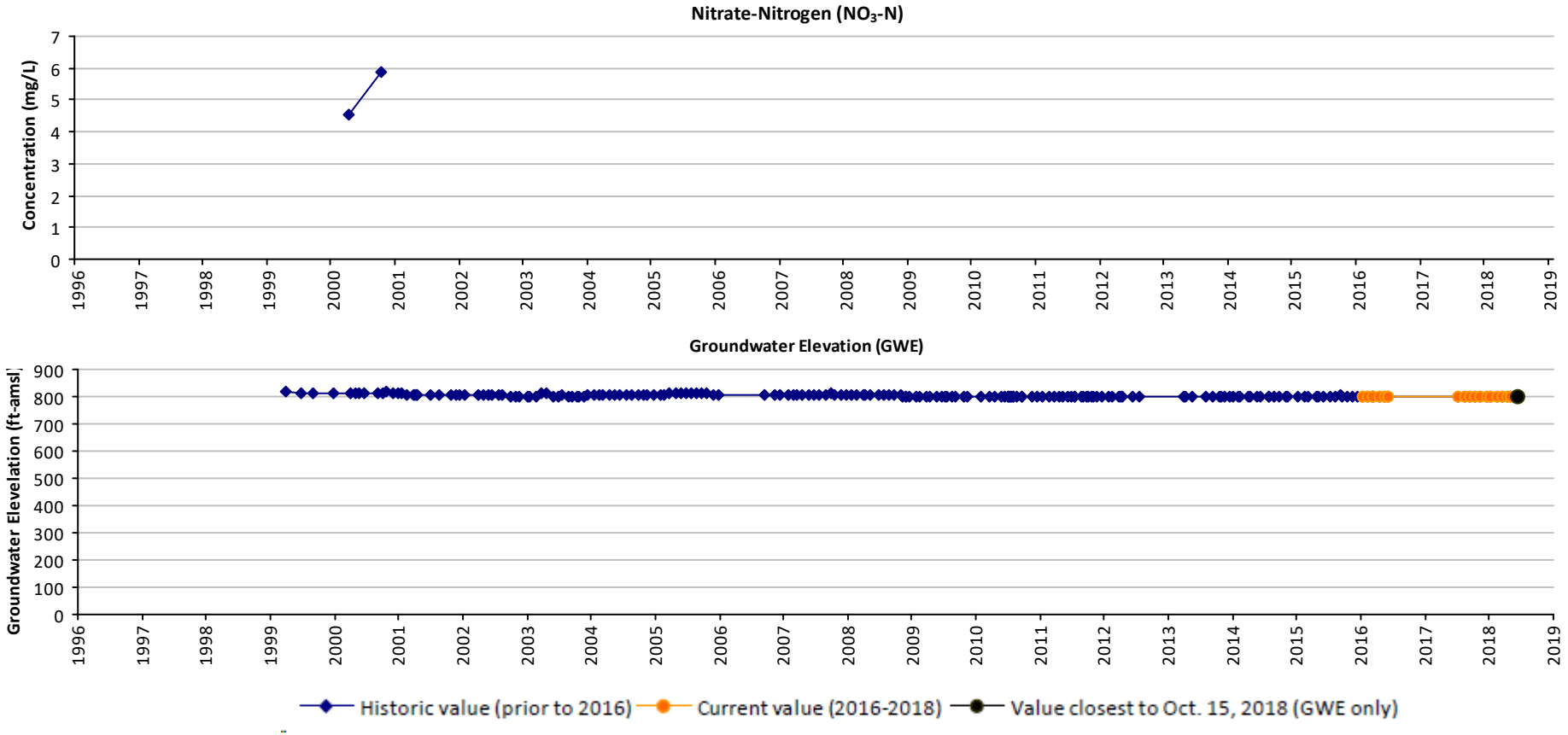

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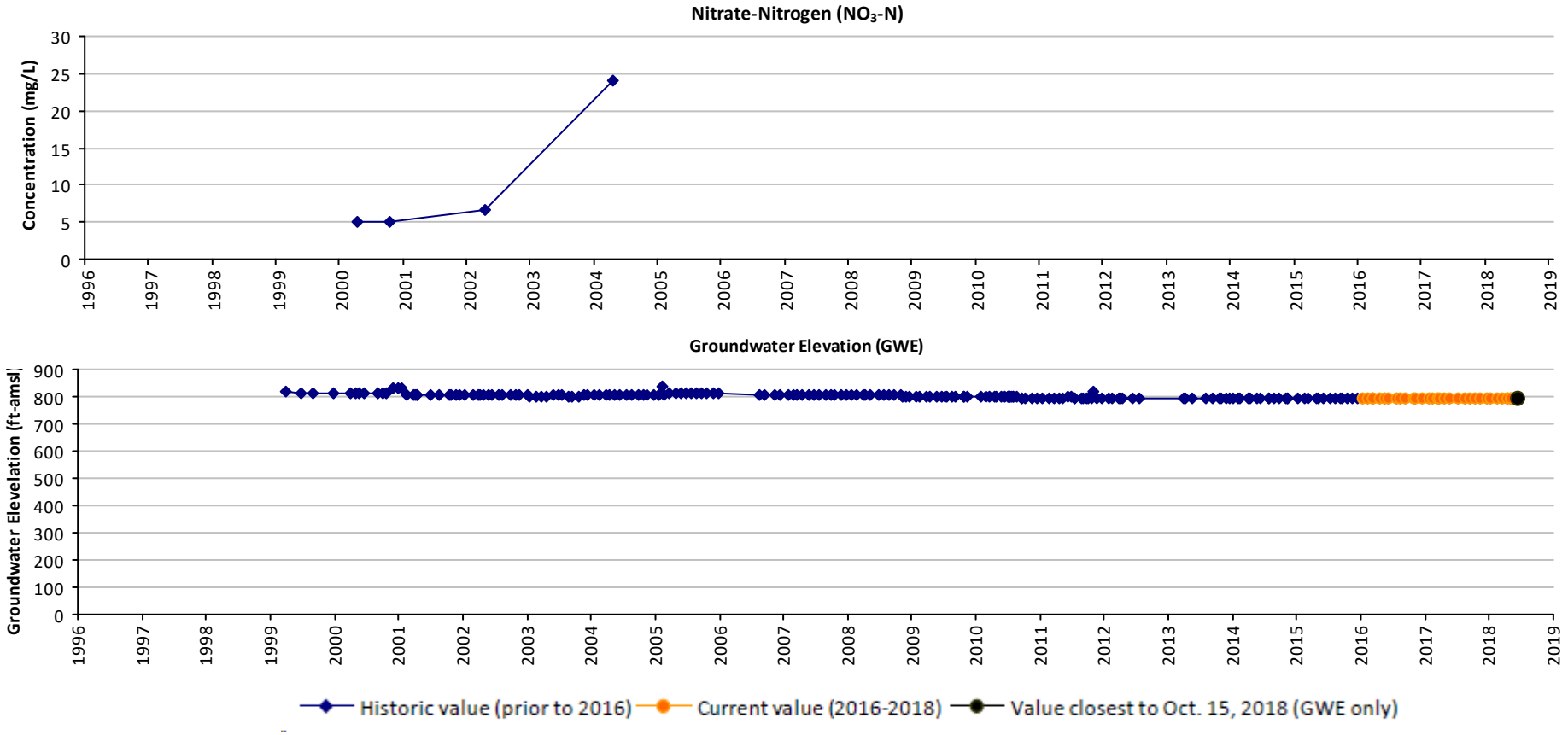

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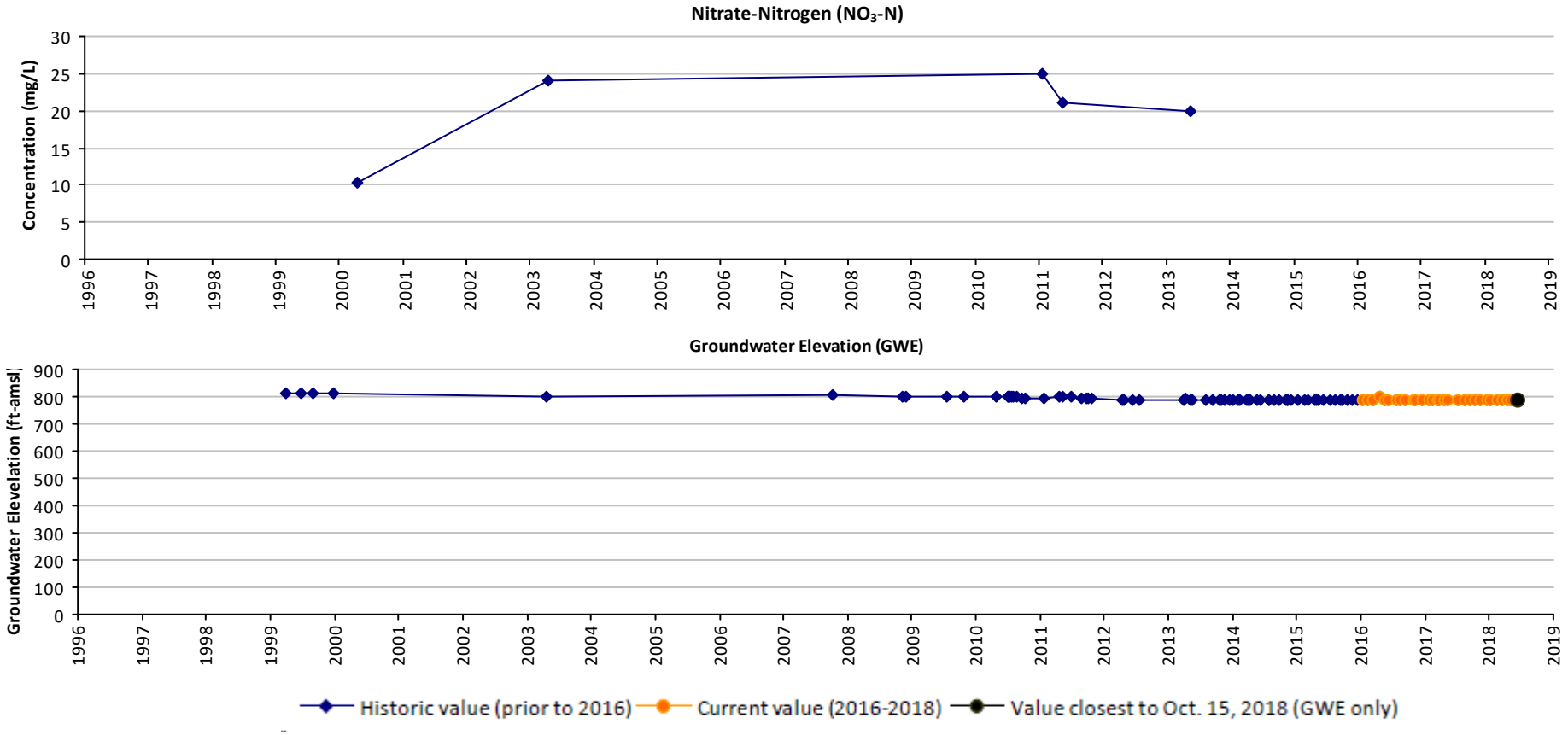

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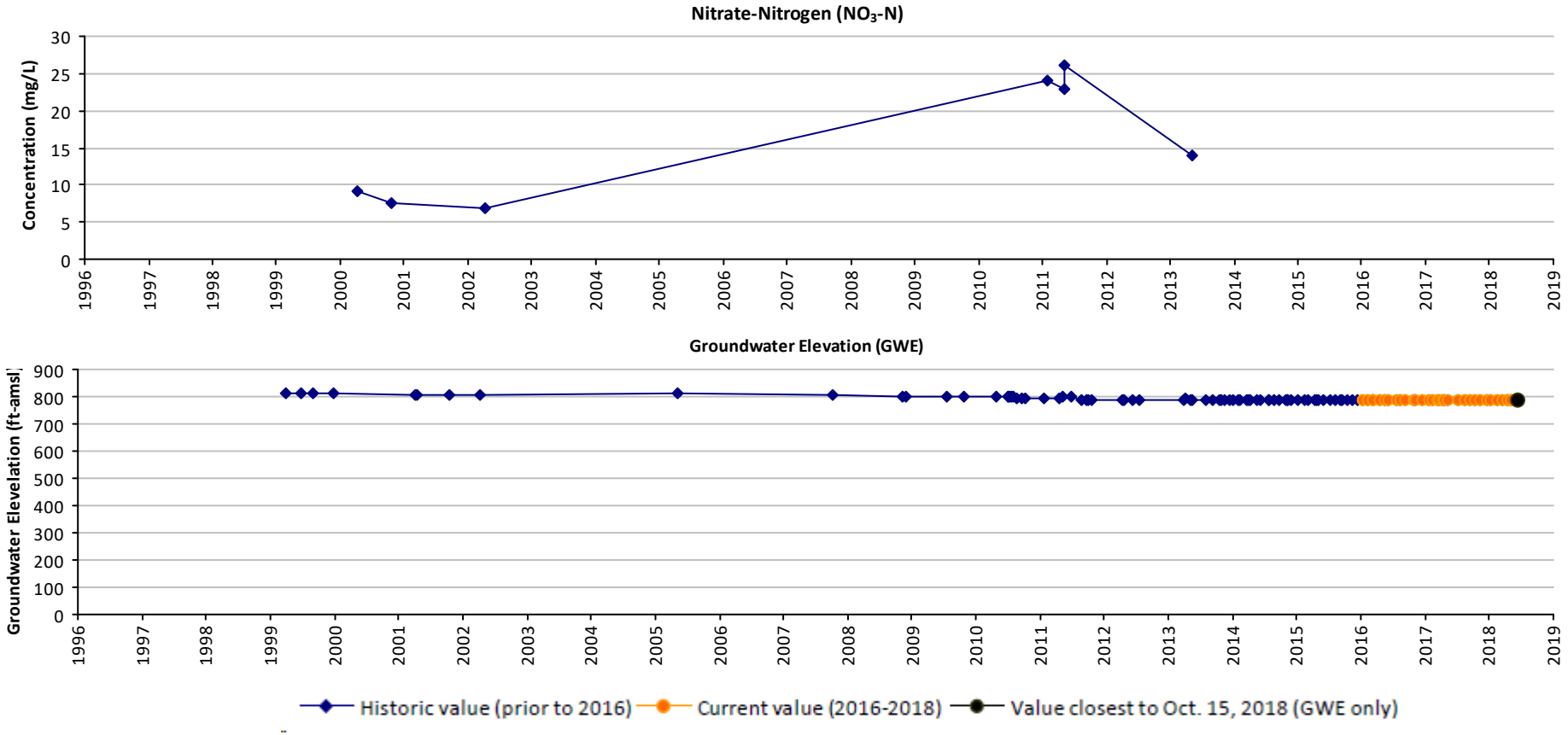

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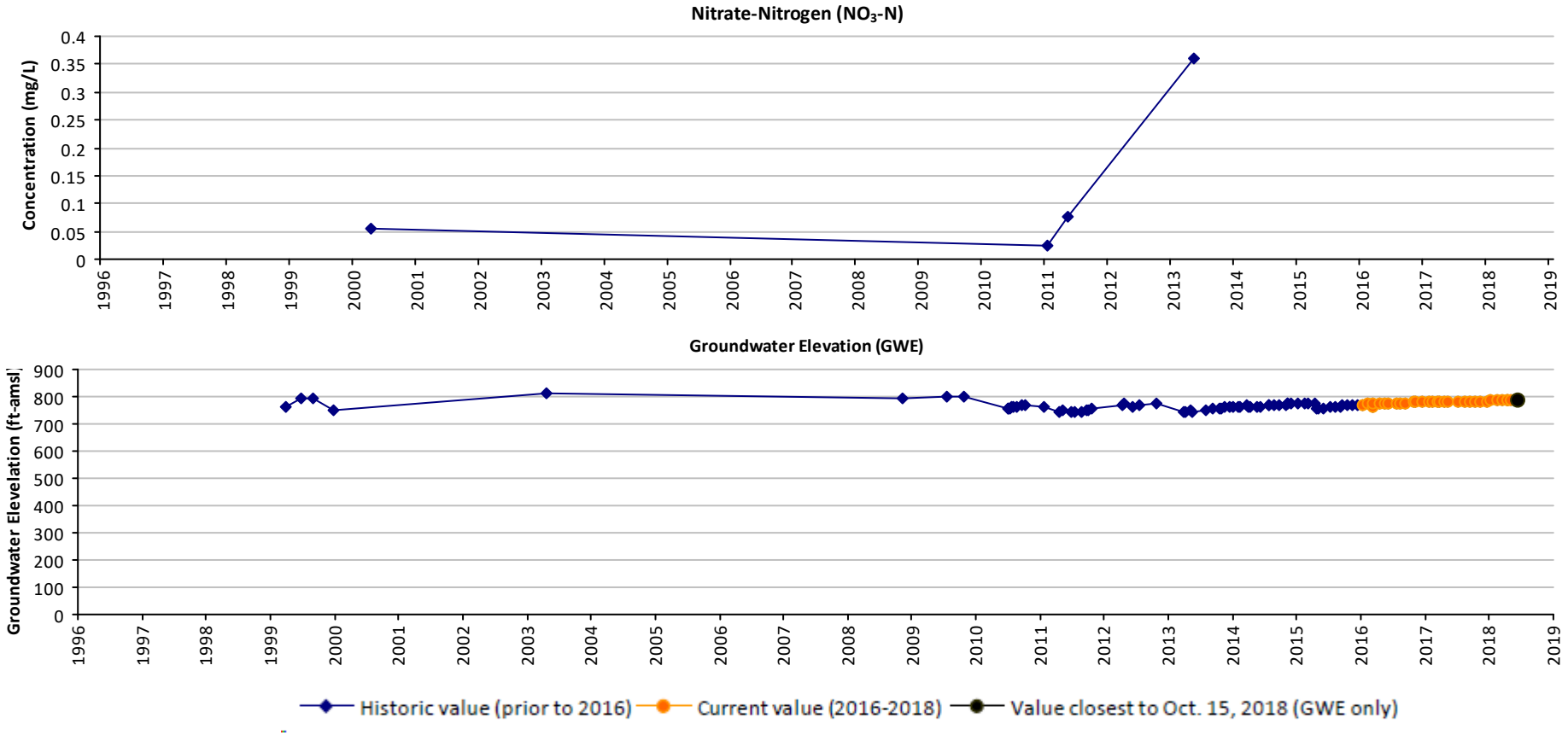
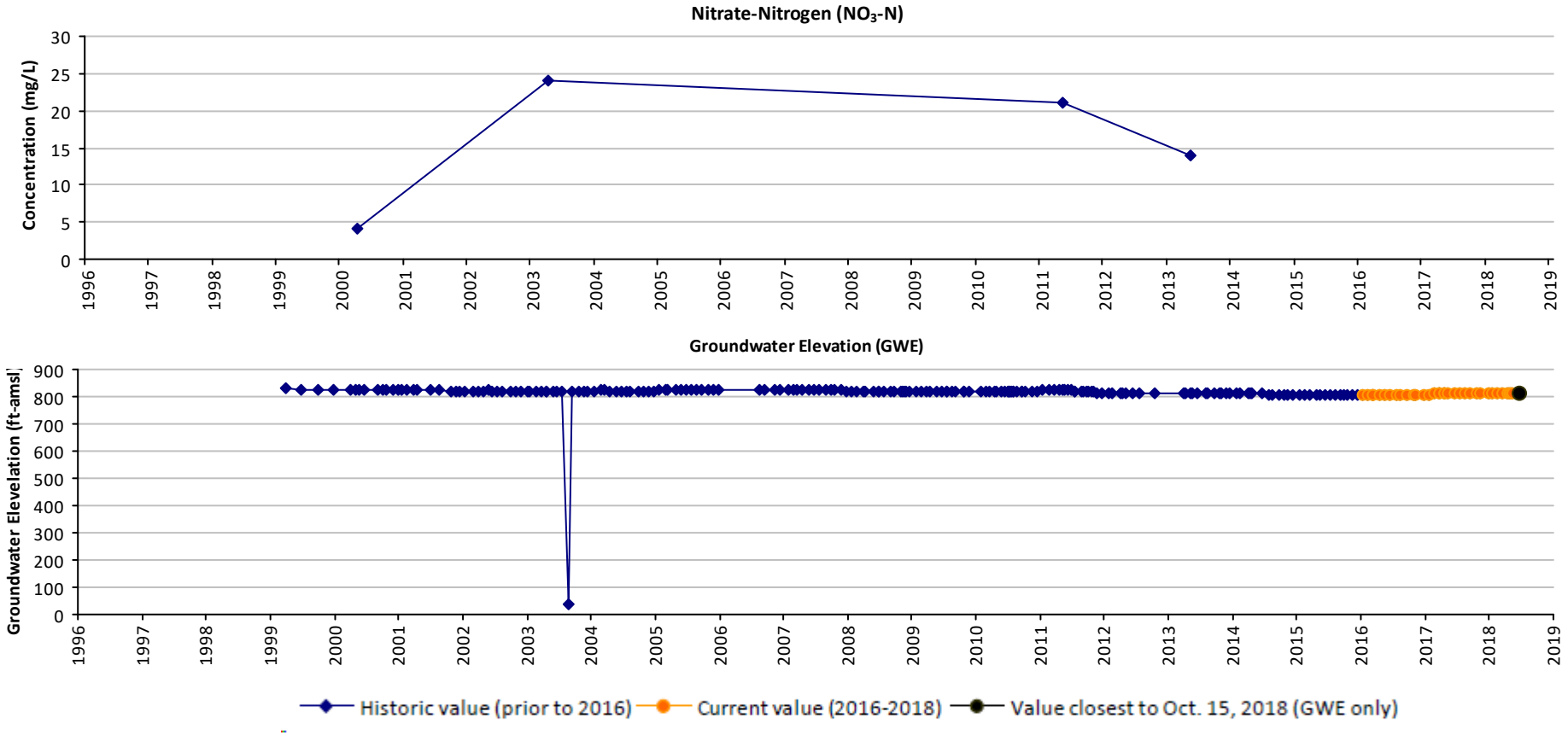
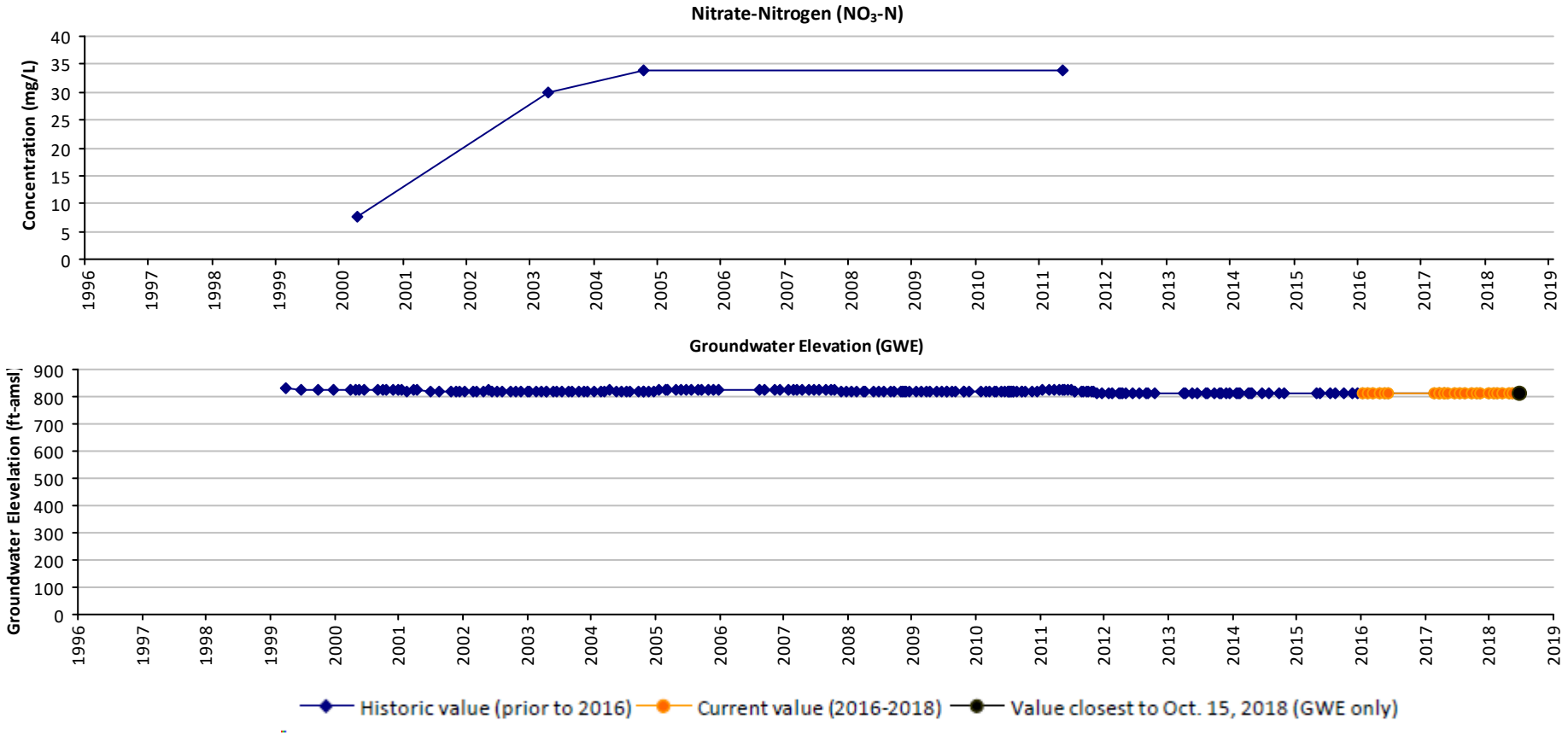


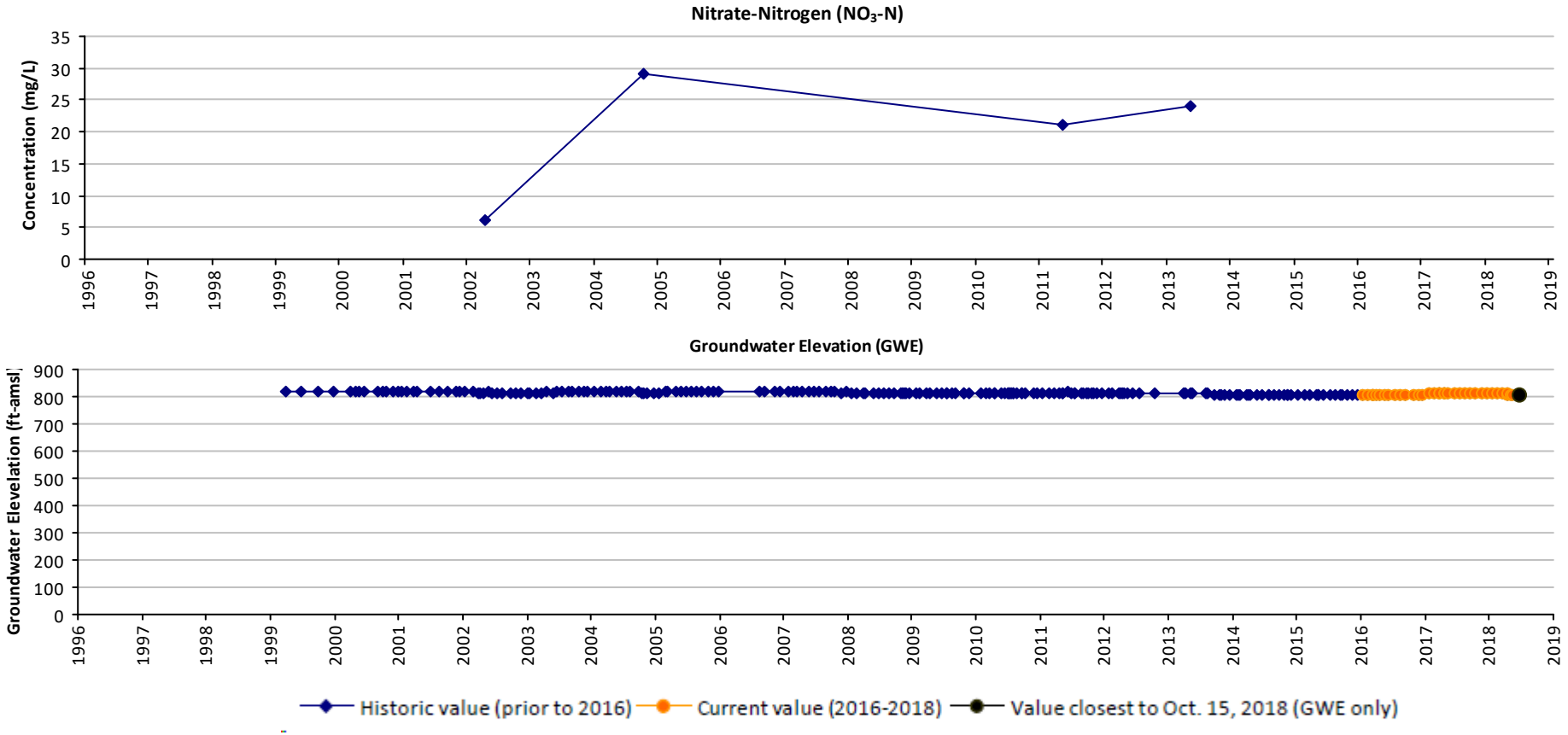
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



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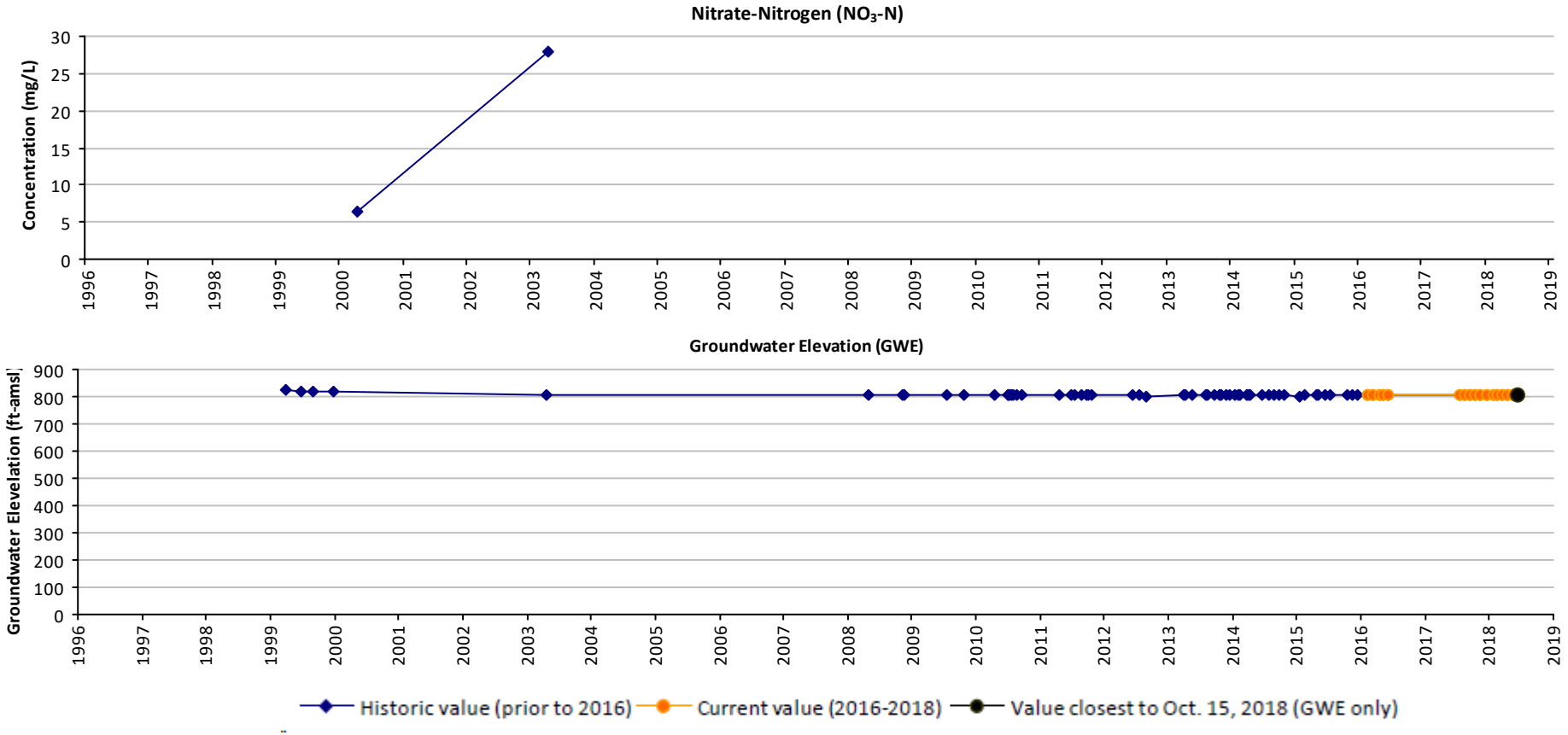

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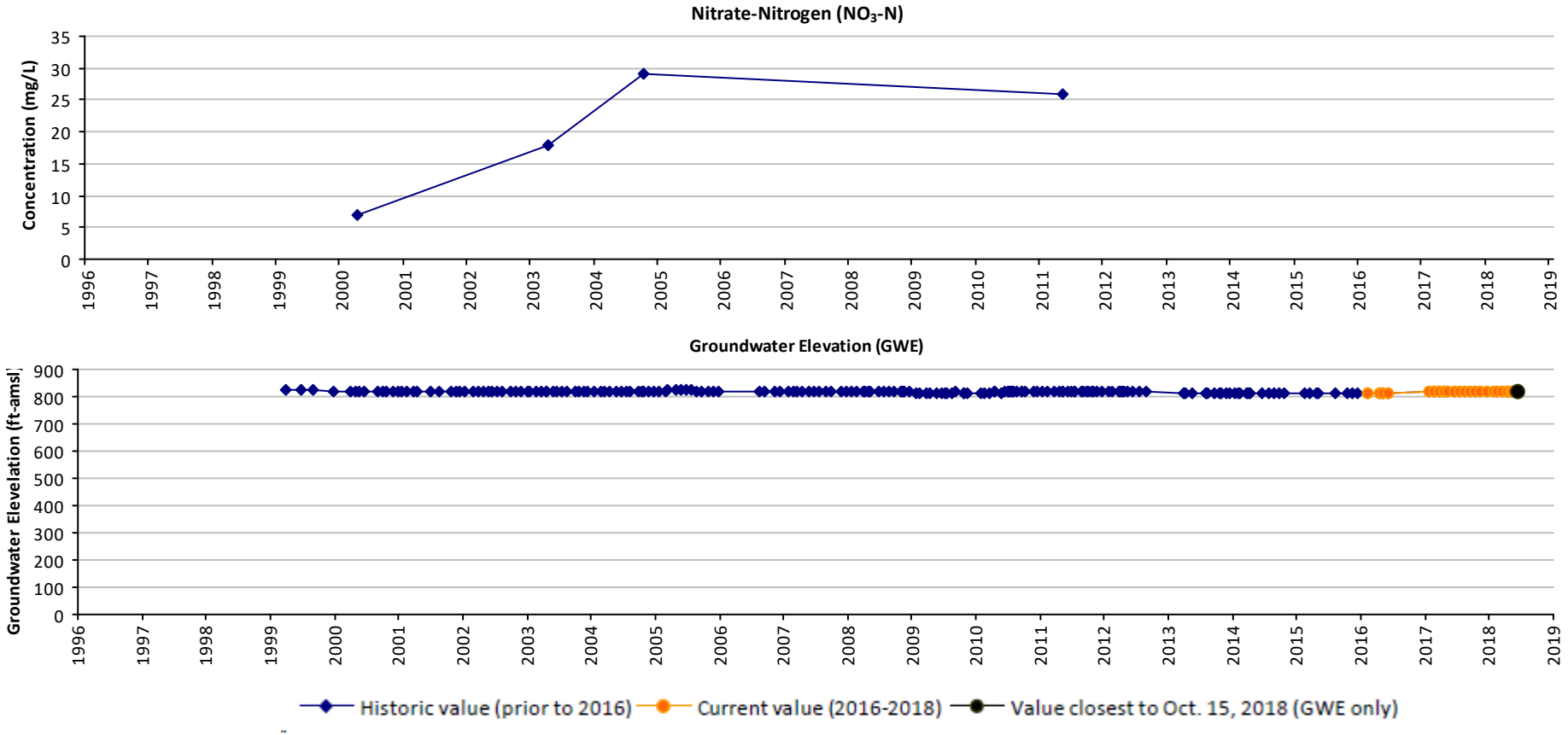

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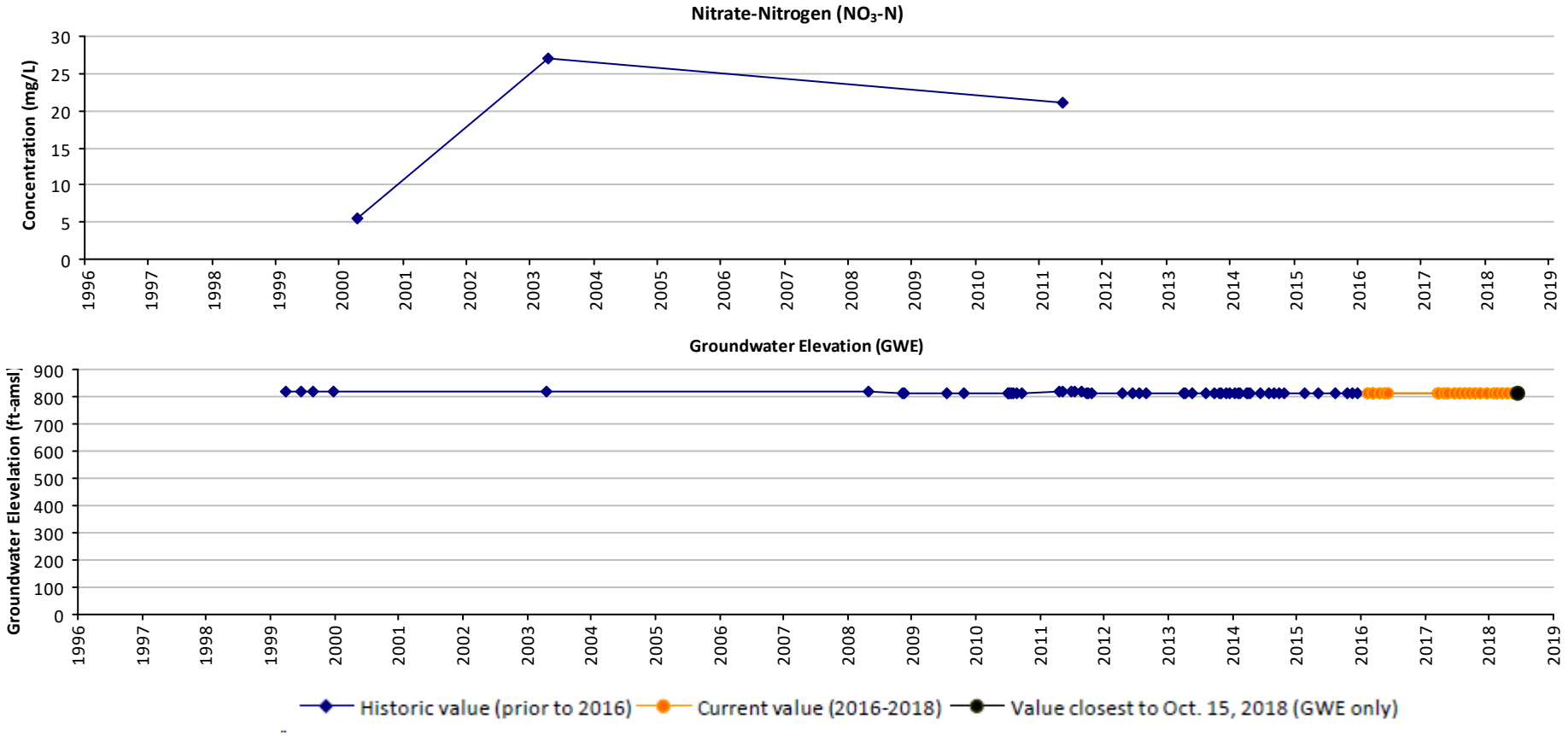
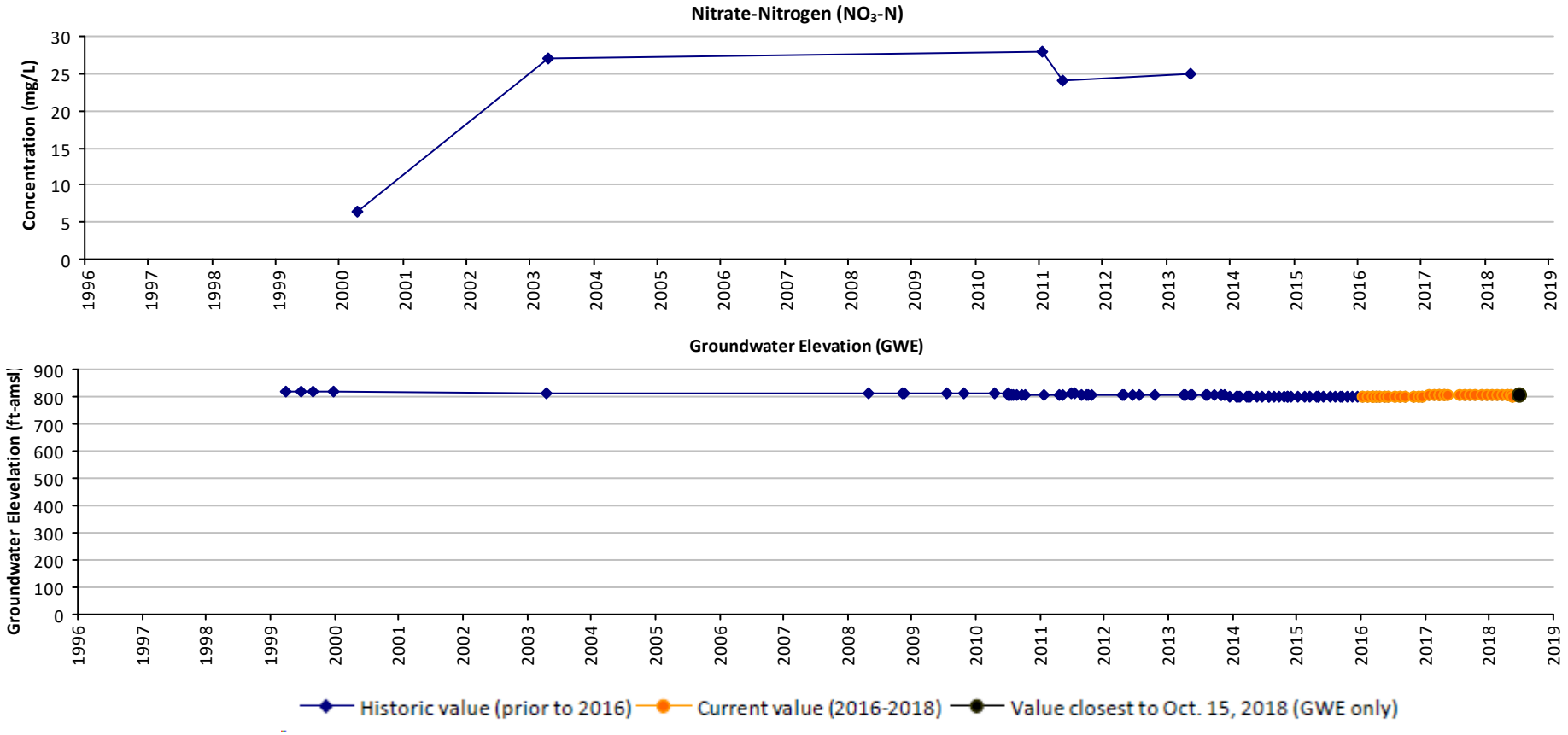
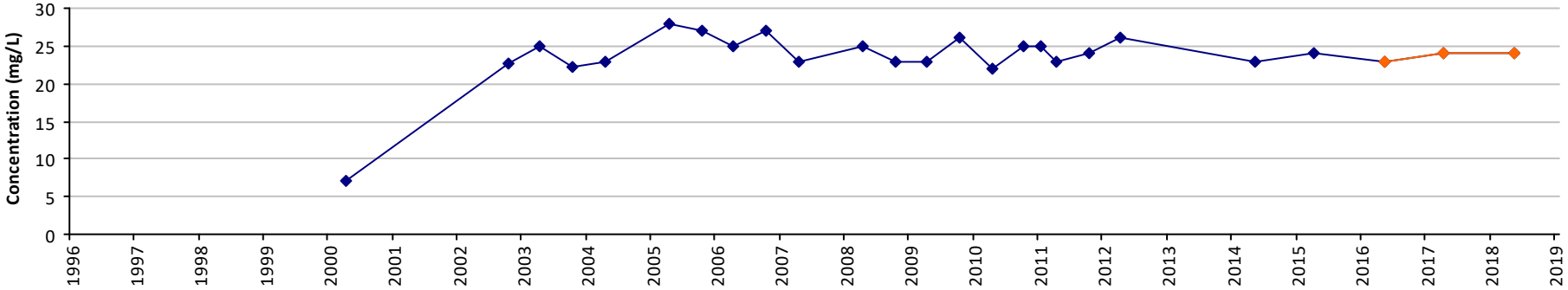


Total Dissolved Solids (TDS)

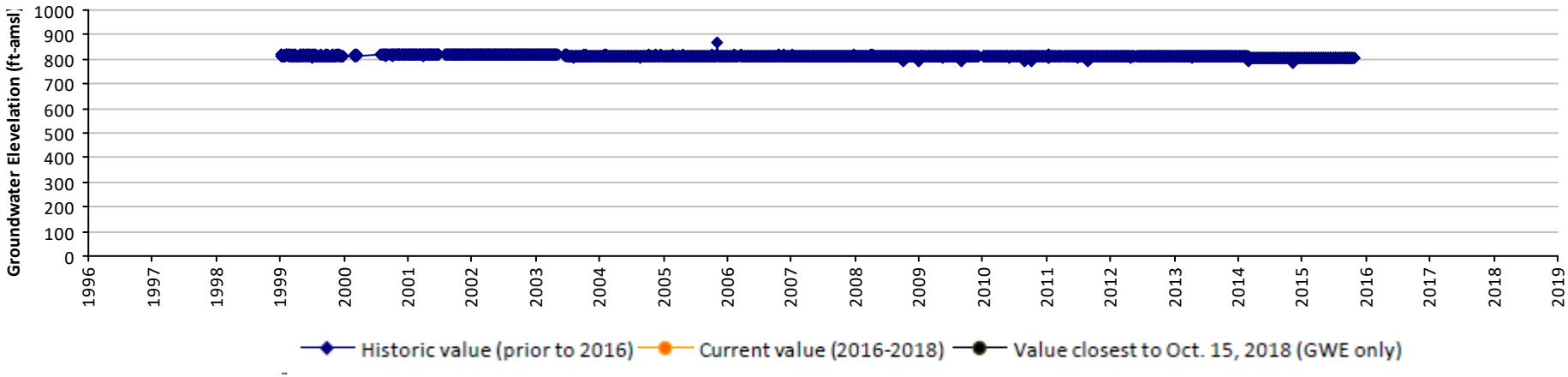


Total Dissolved Solids (TDS)

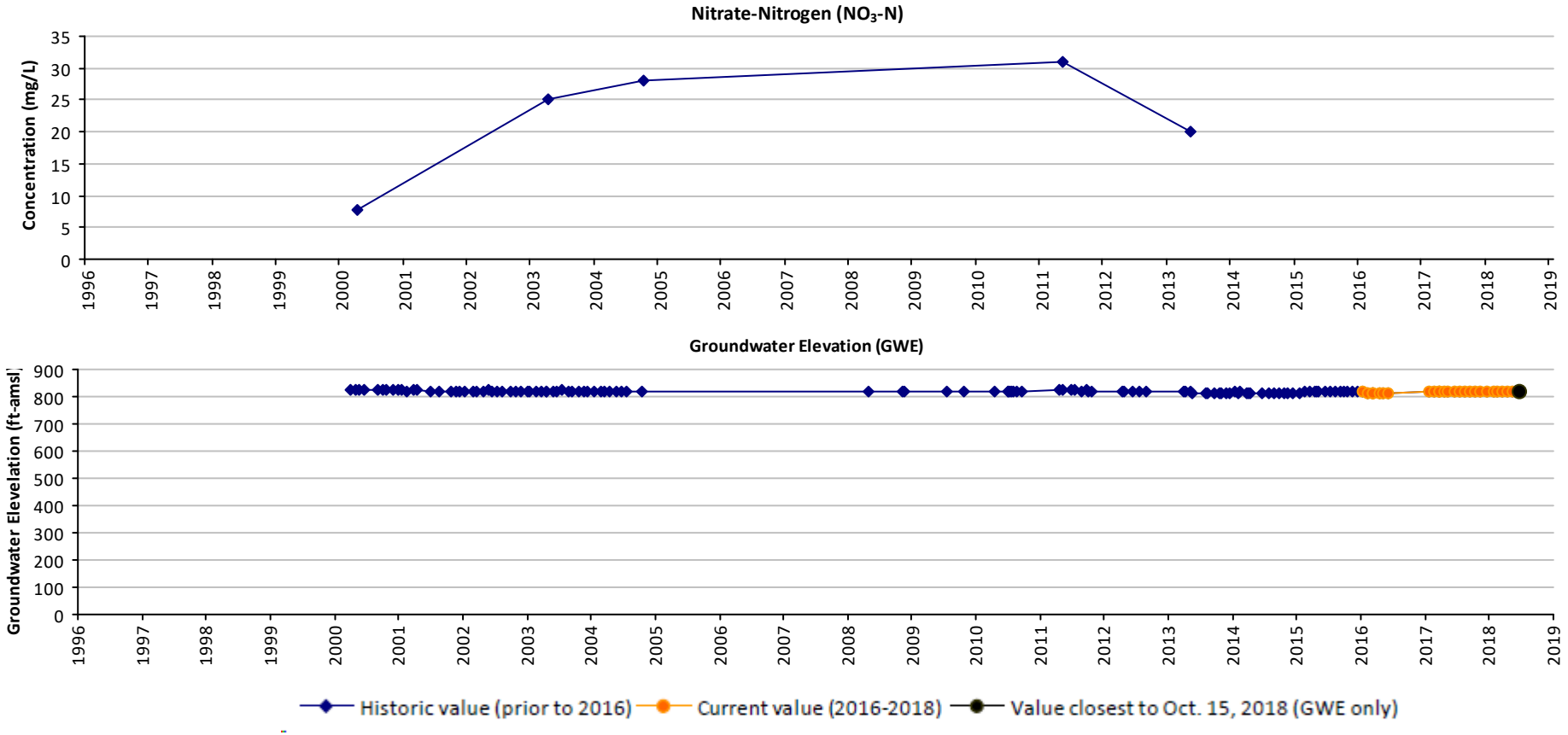
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

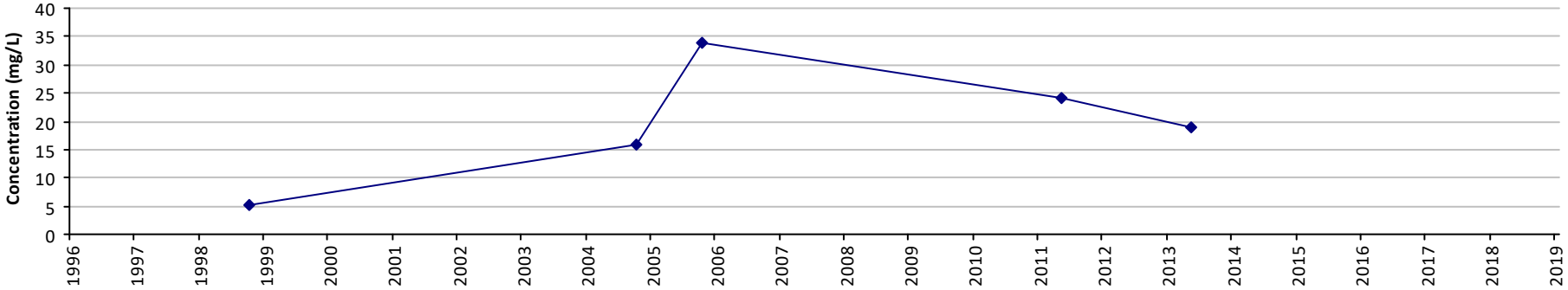


Total Dissolved Solids (TDS)

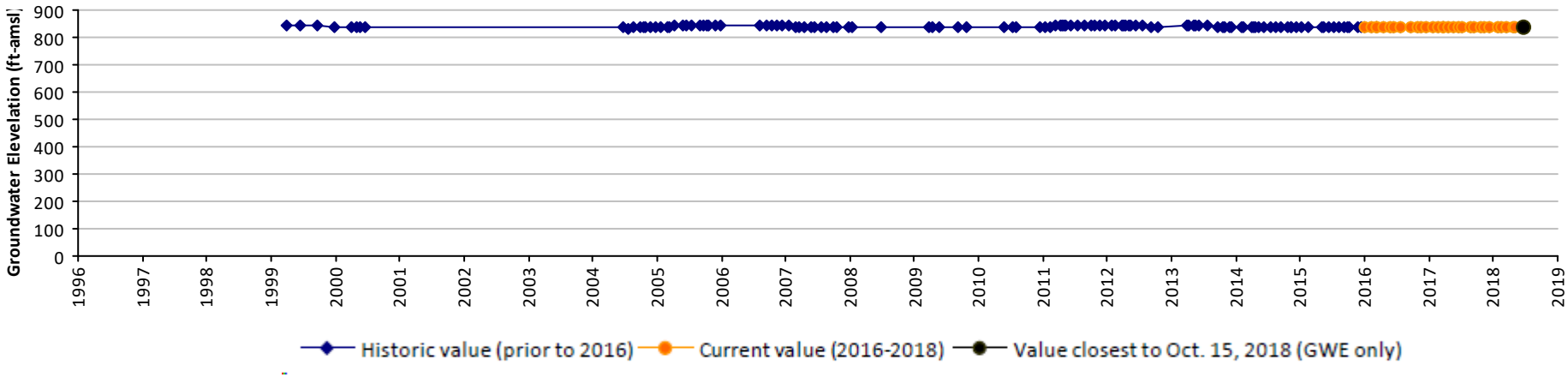


Total Dissolved Solids (TDS)

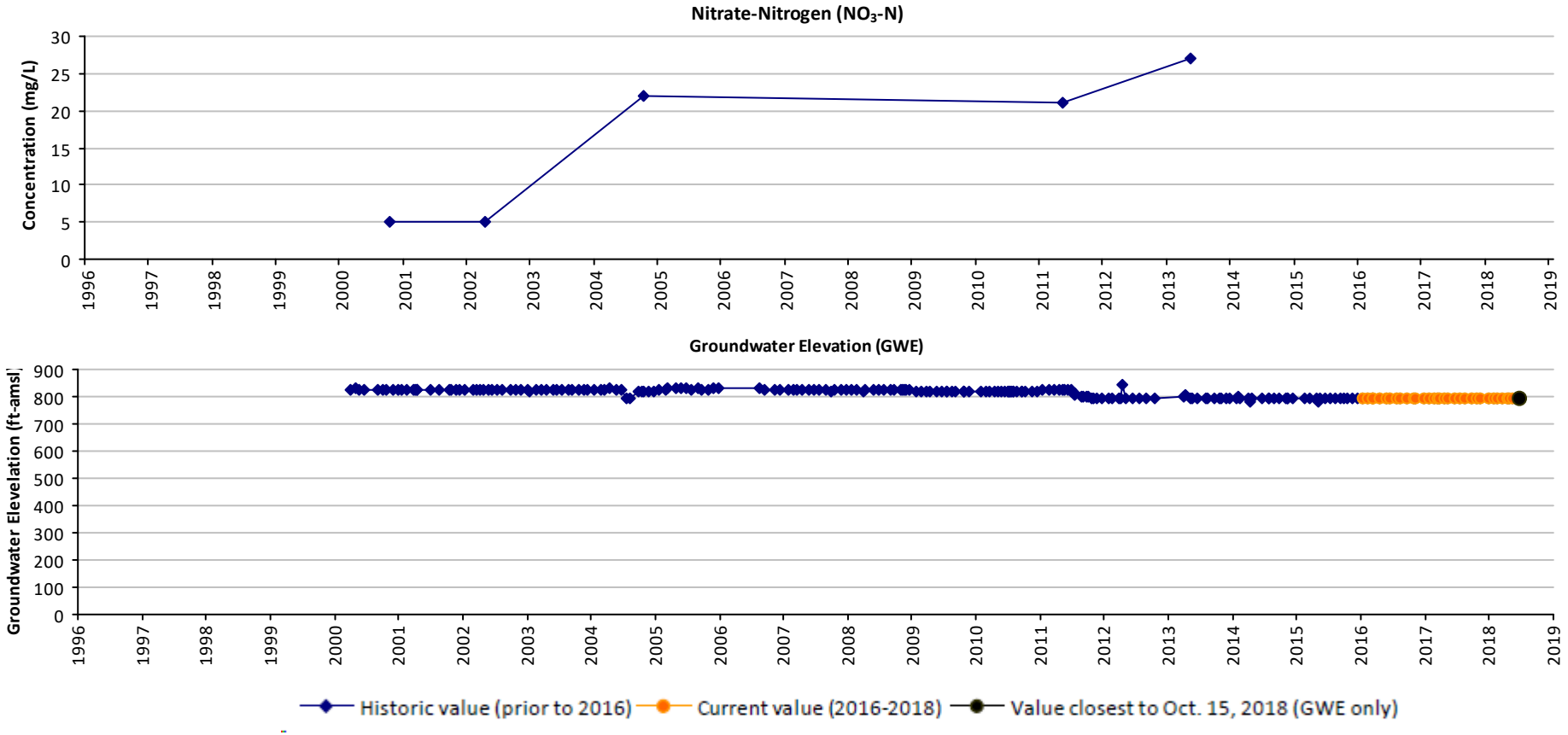
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

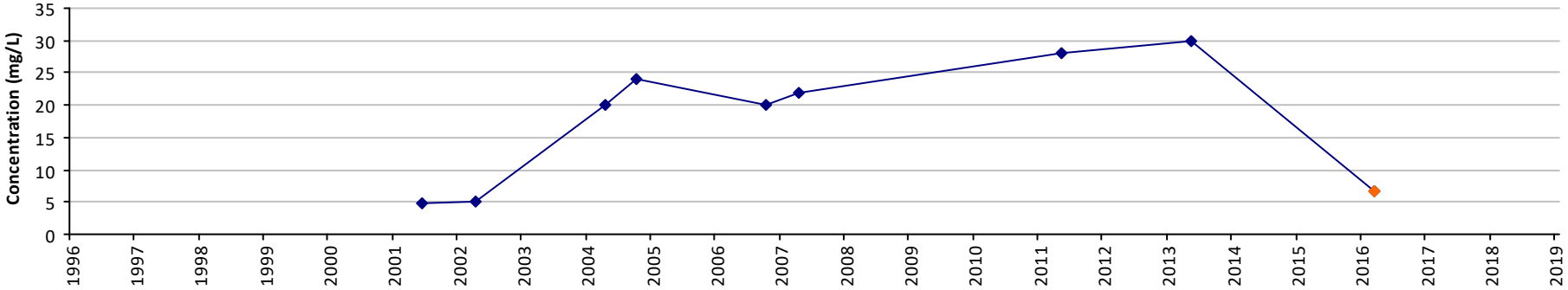


Total Dissolved Solids (TDS)

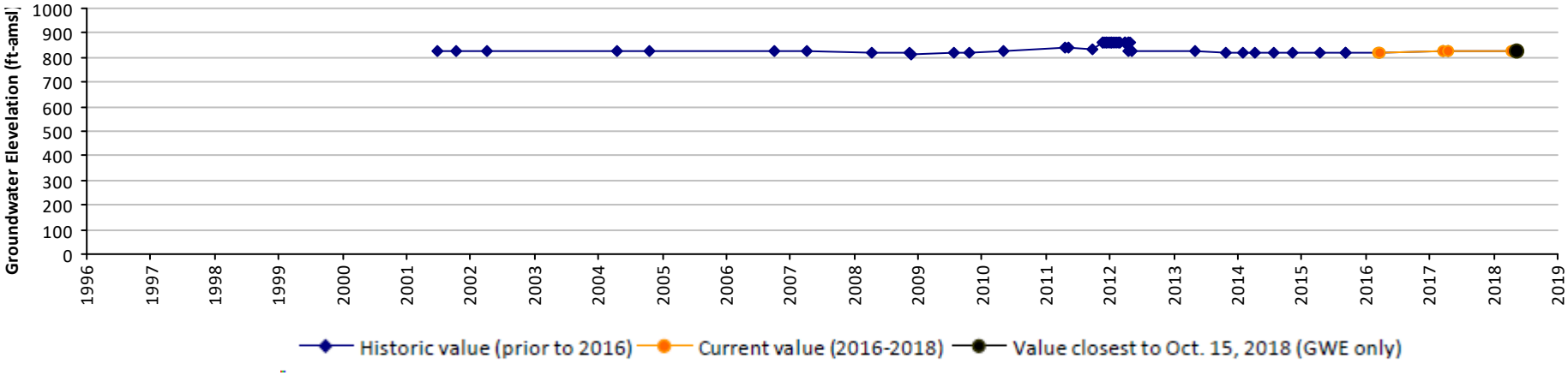


Total Dissolved Solids (TDS)

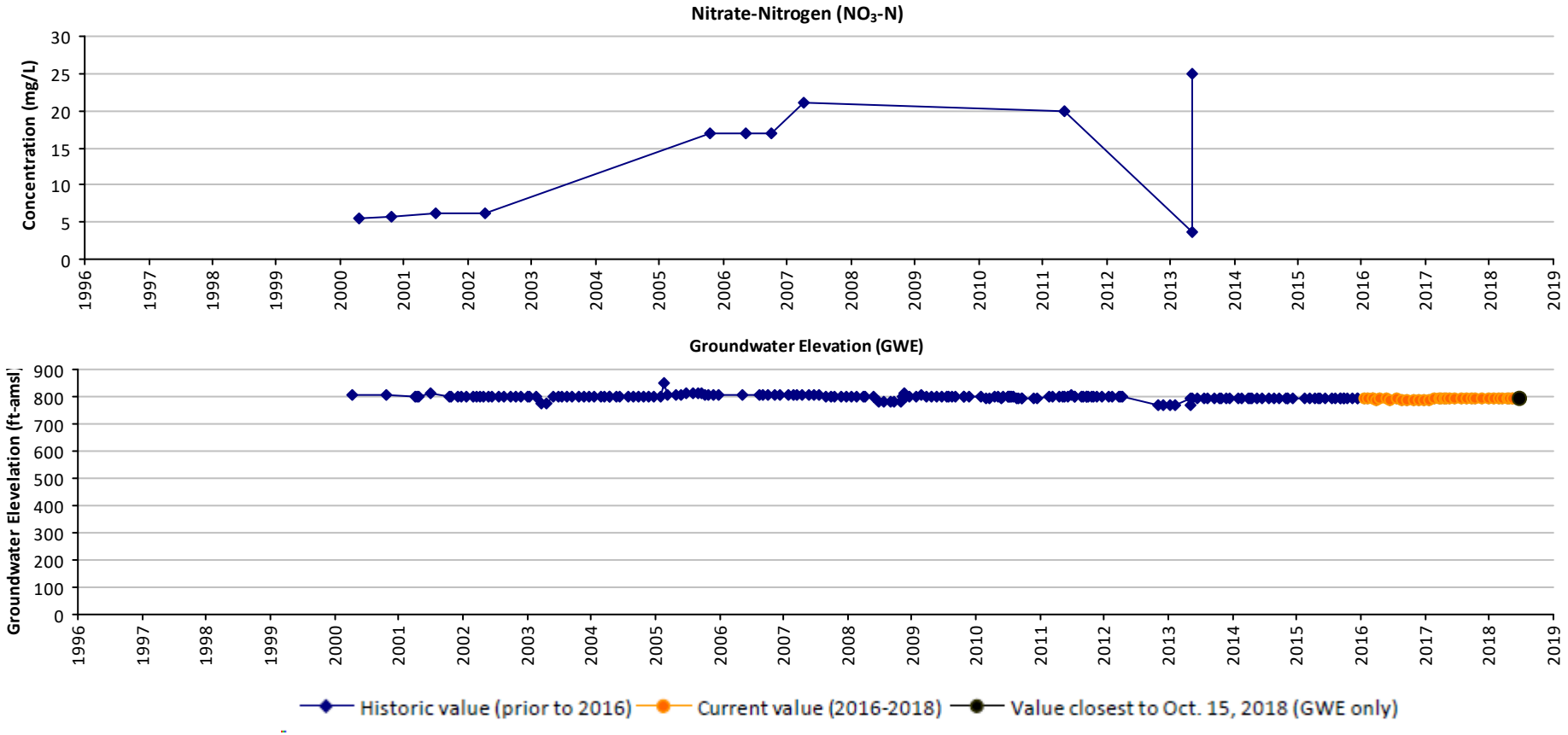
Nitrate-Nitrogen (NO_3-N)

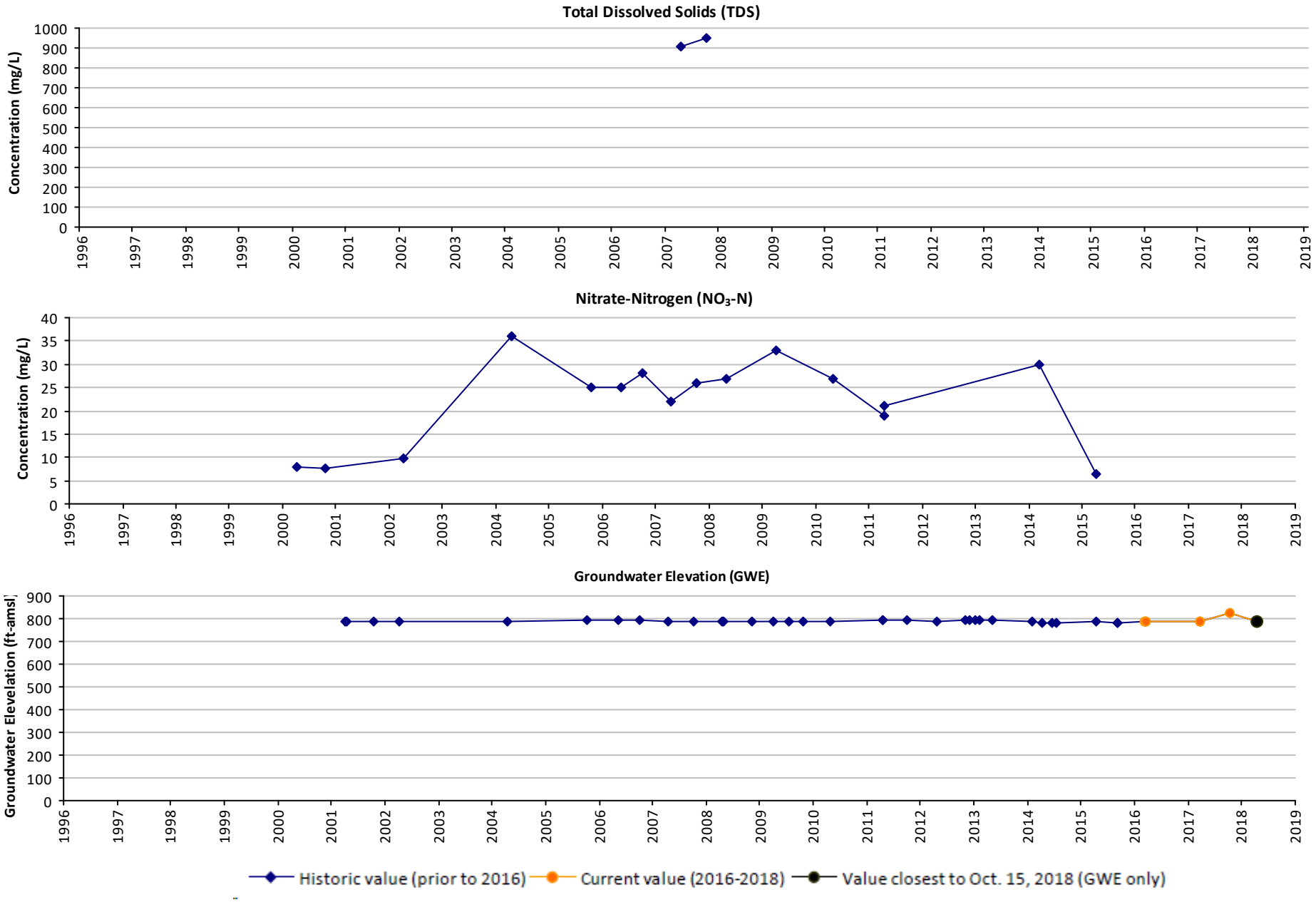


Groundwater Elevation (GWE)



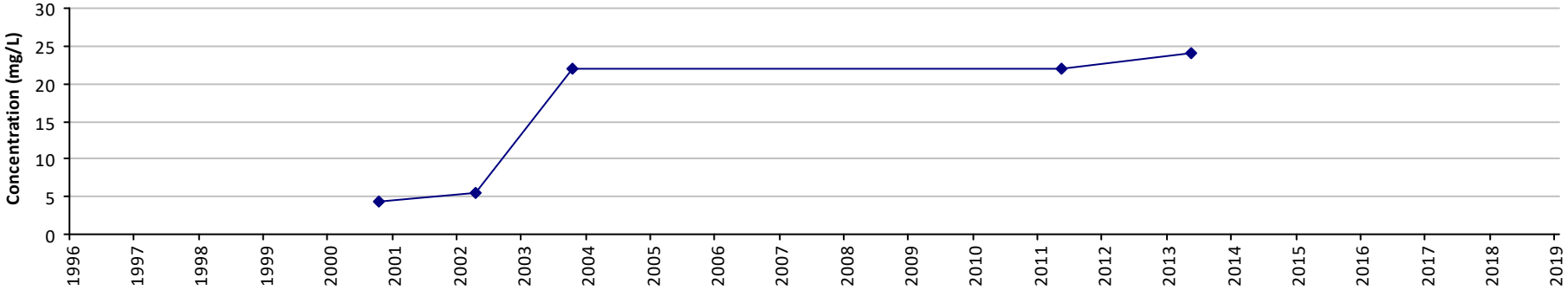
Total Dissolved Solids (TDS)



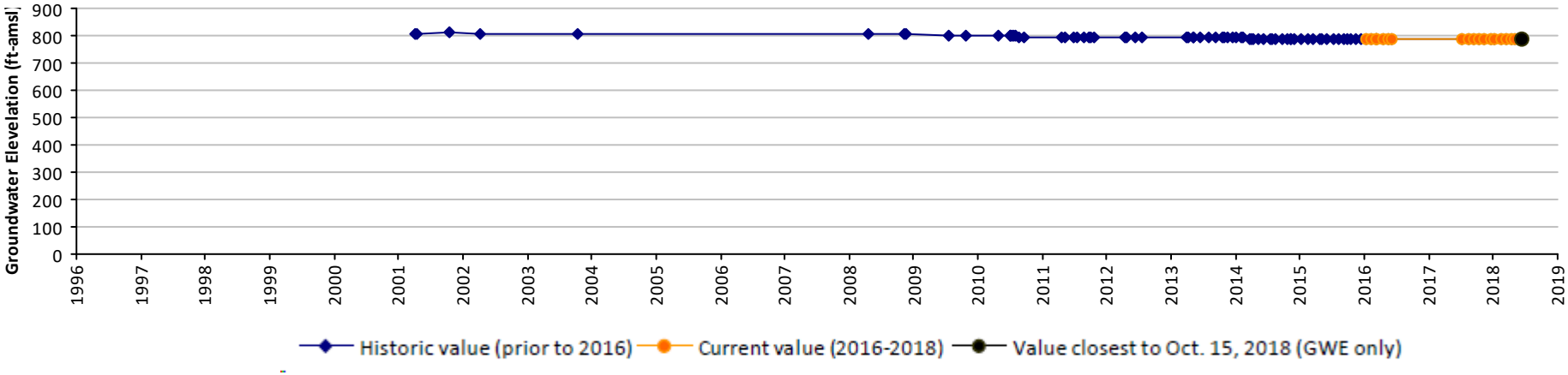

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

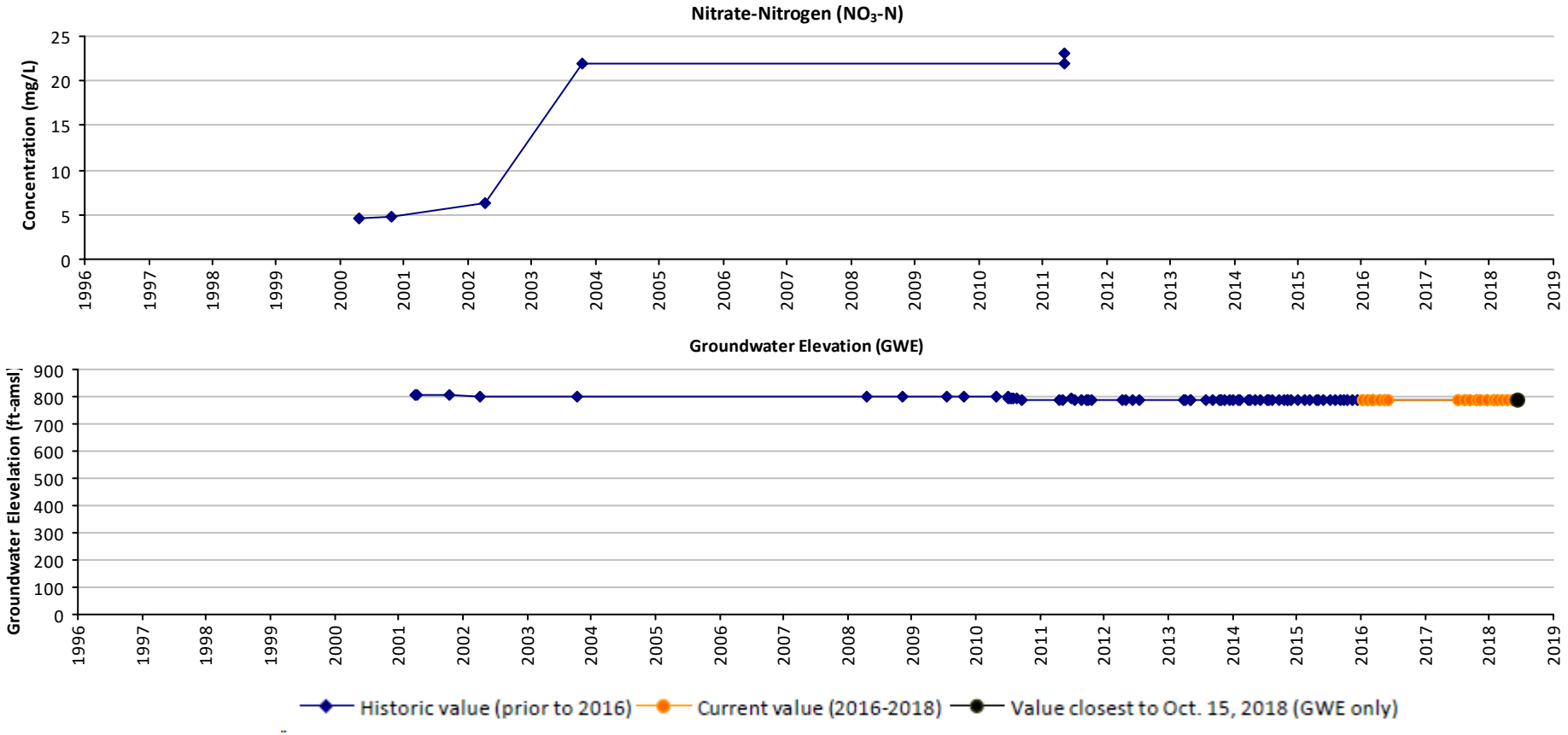
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

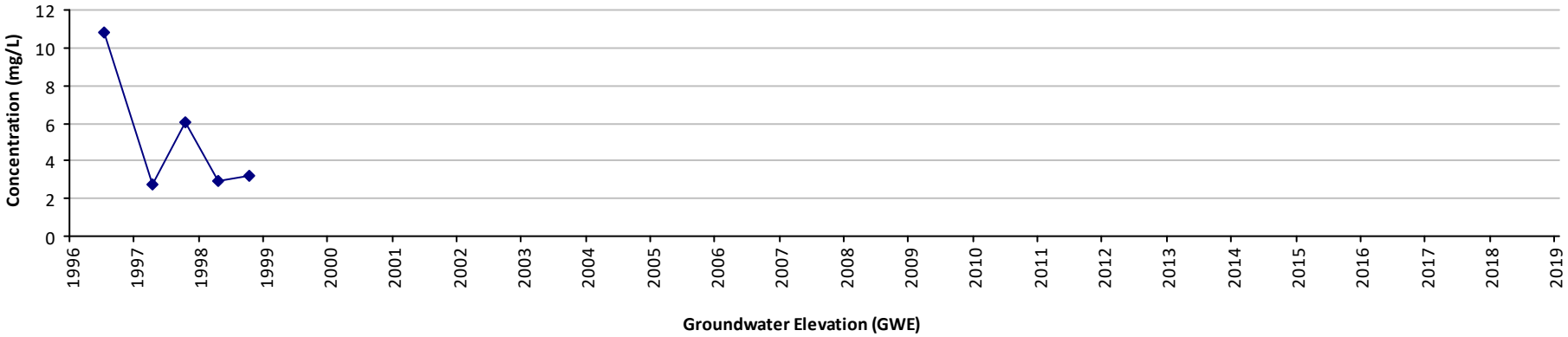


Total Dissolved Solids (TDS)



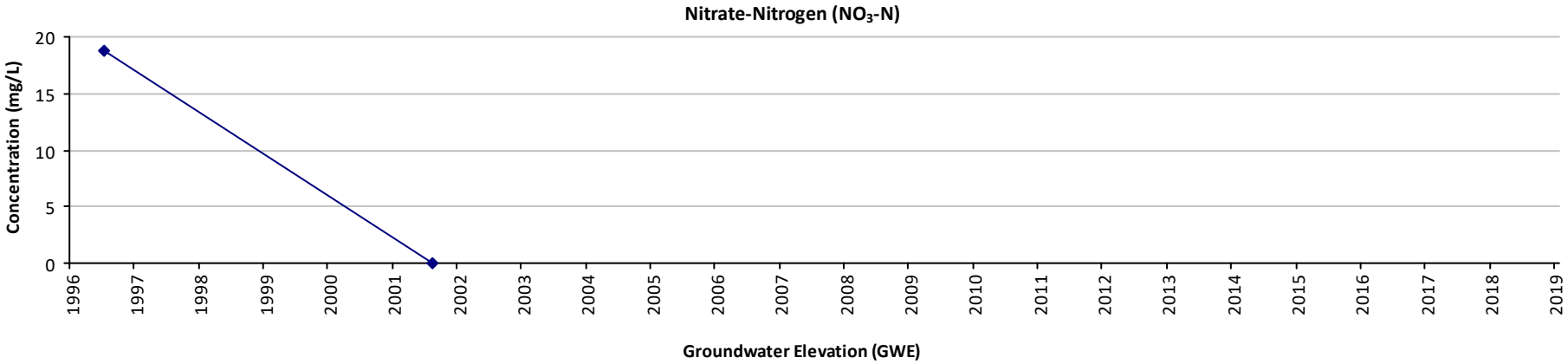
Total Dissolved Solids (TDS)

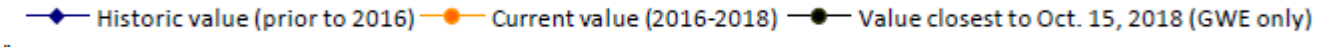
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

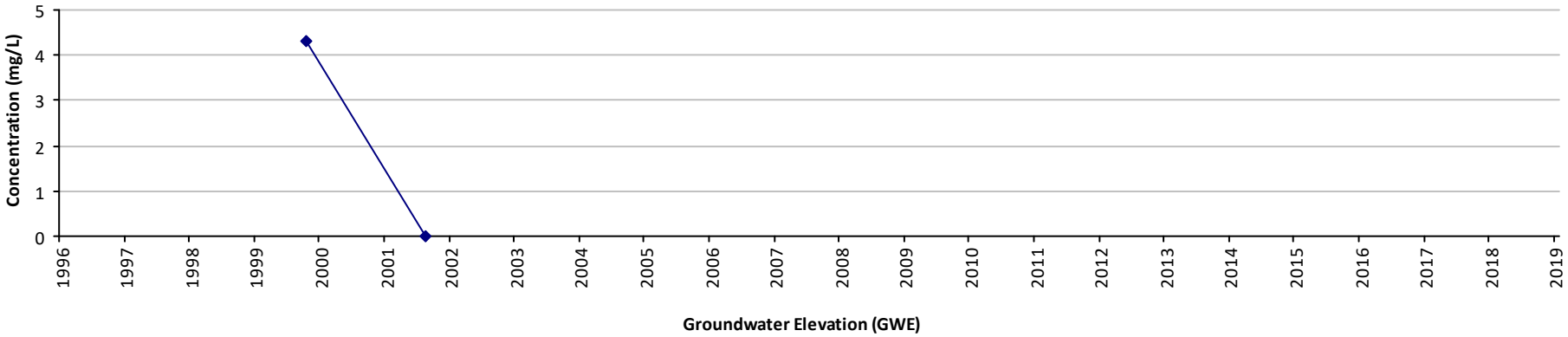
Total Dissolved Solids (TDS)





Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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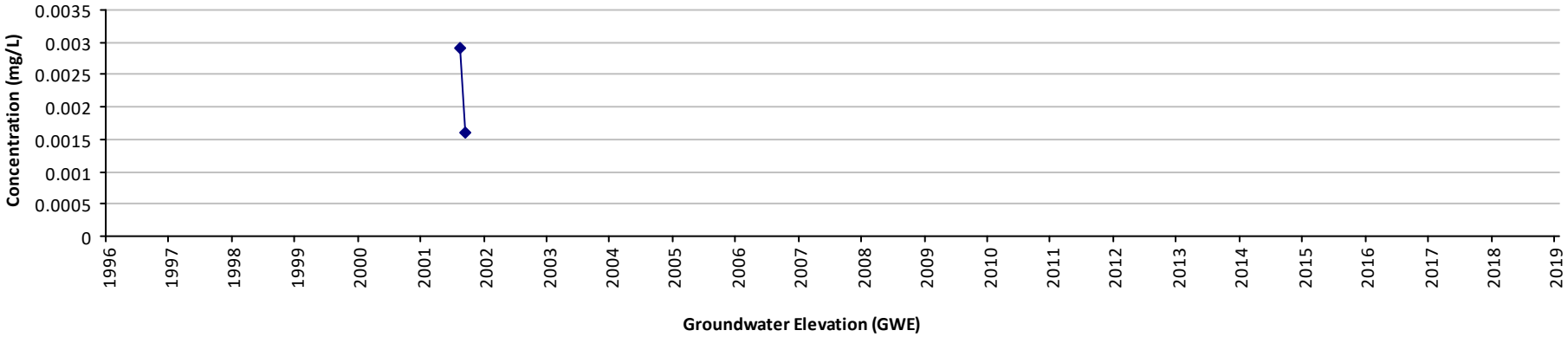
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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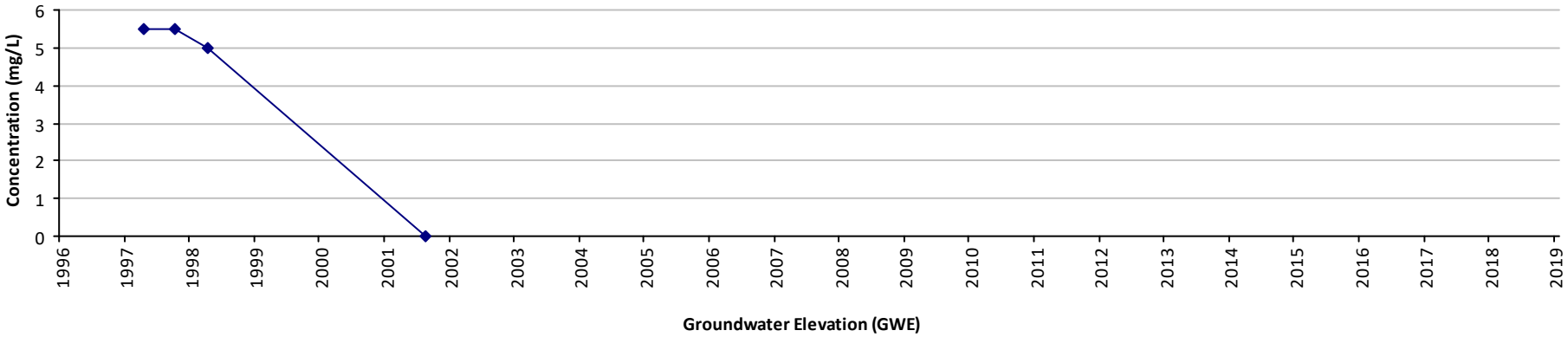
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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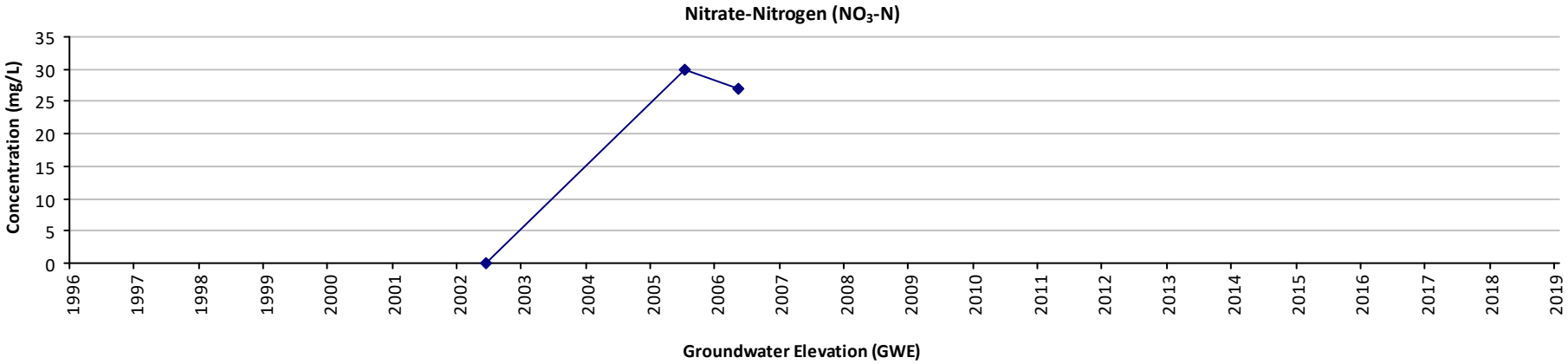
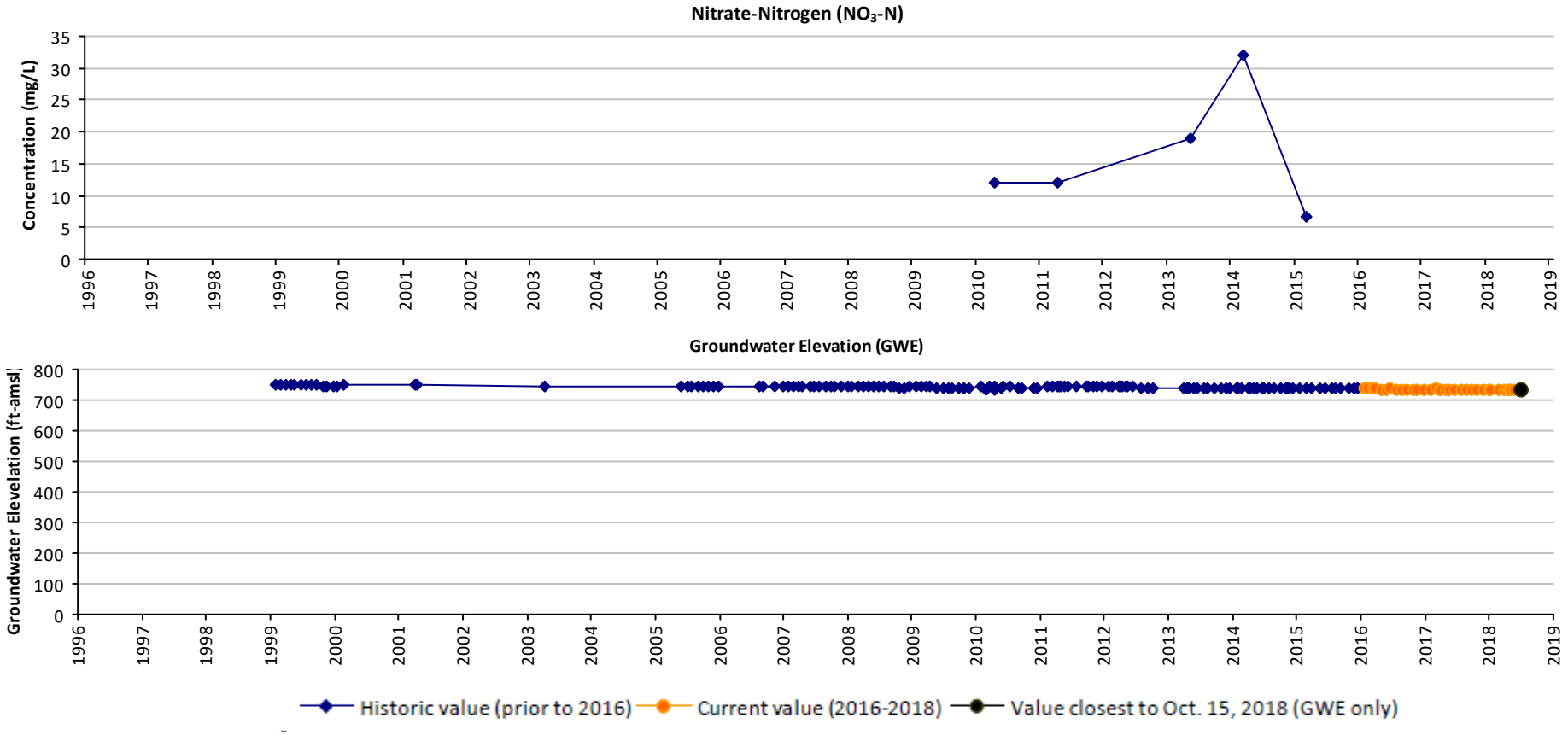
Total Dissolved Solids (TDS)

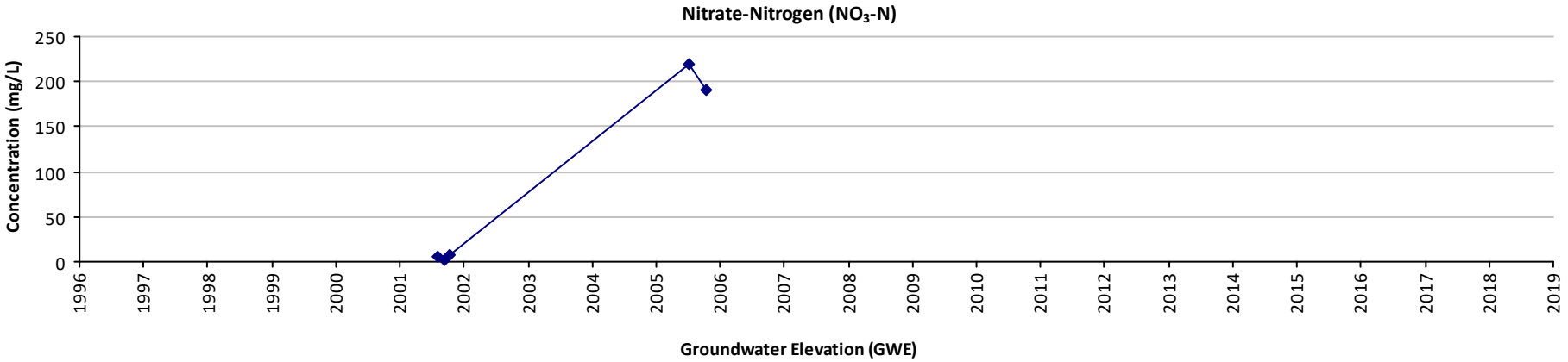


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

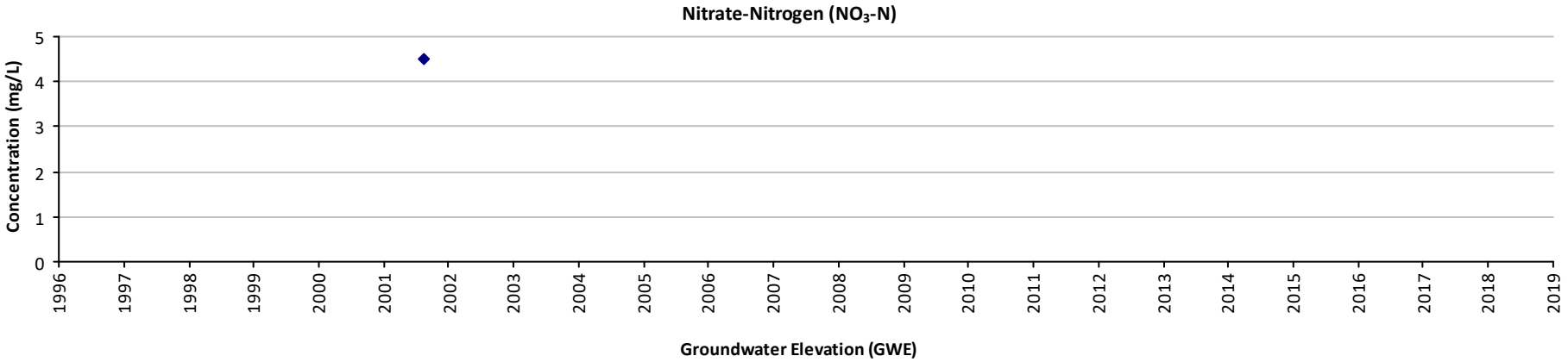


Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

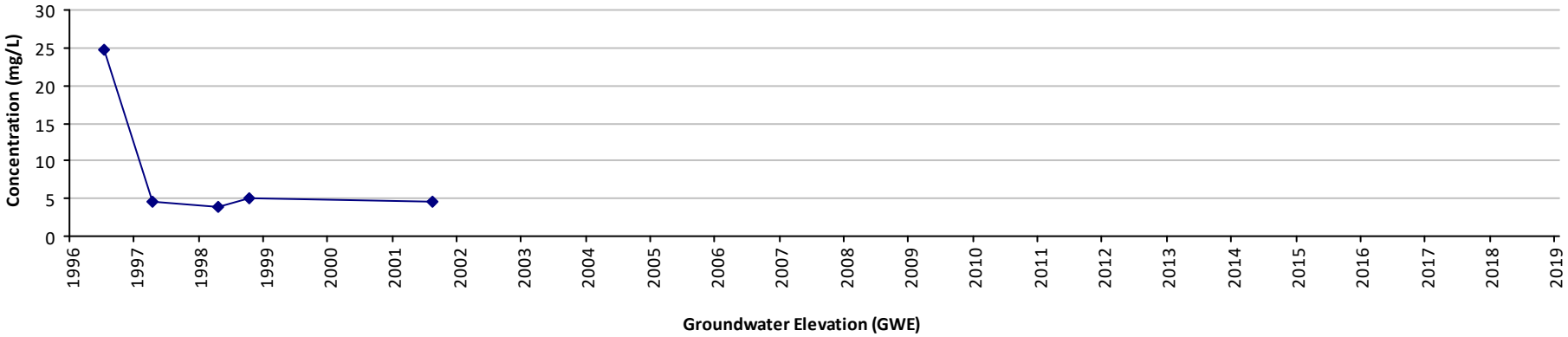
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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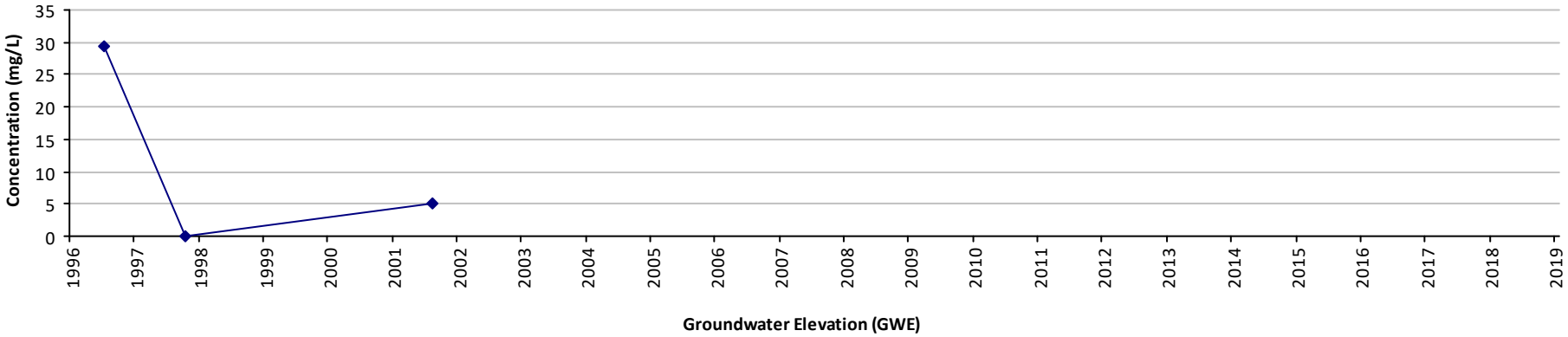
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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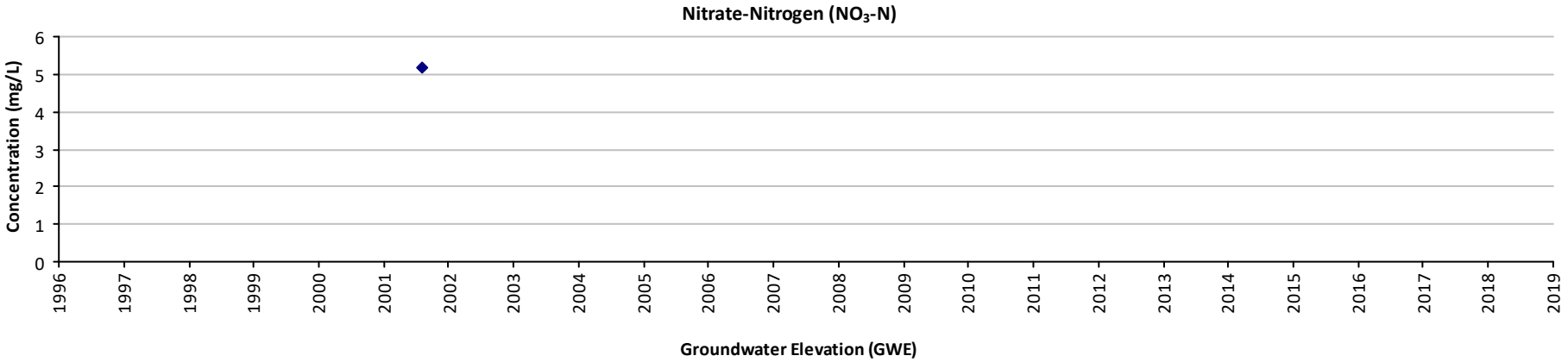
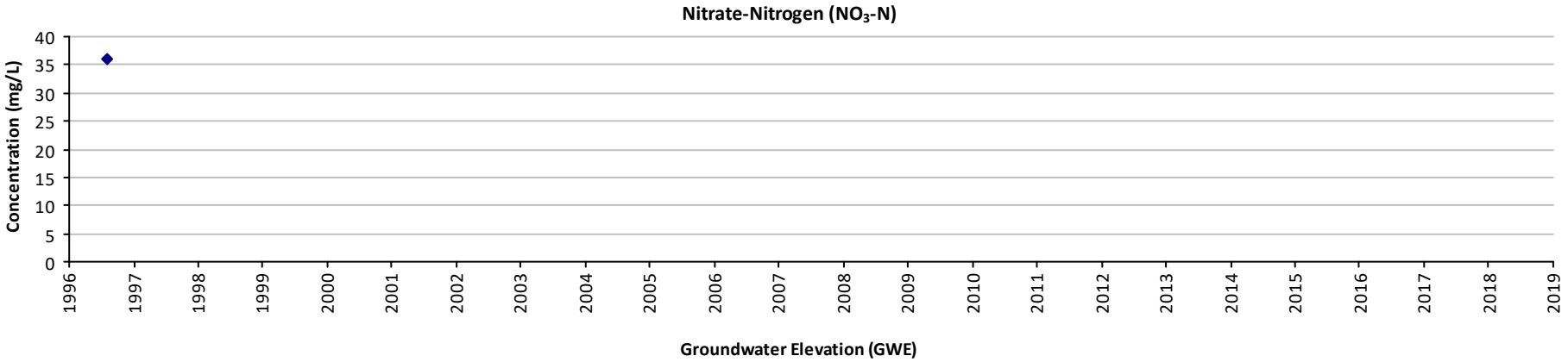
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

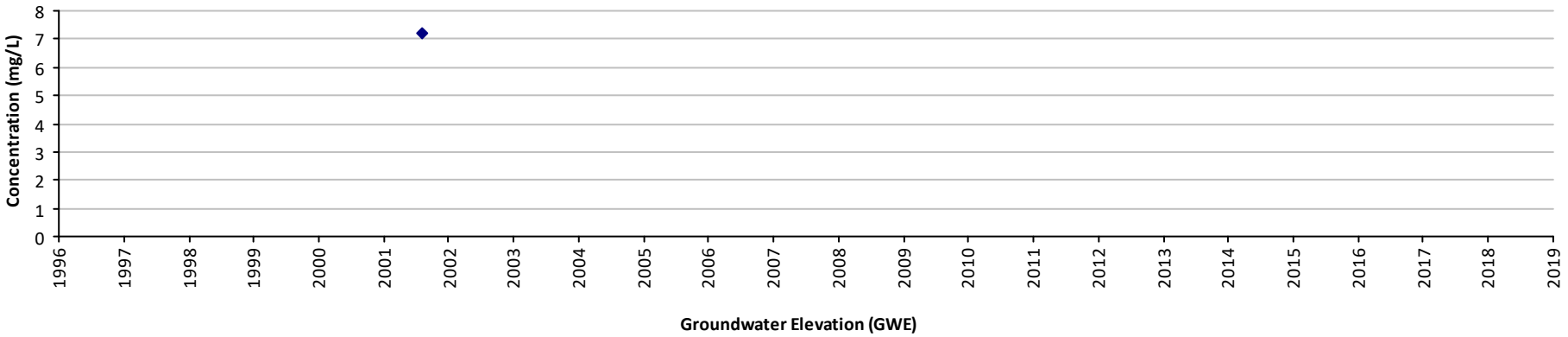
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

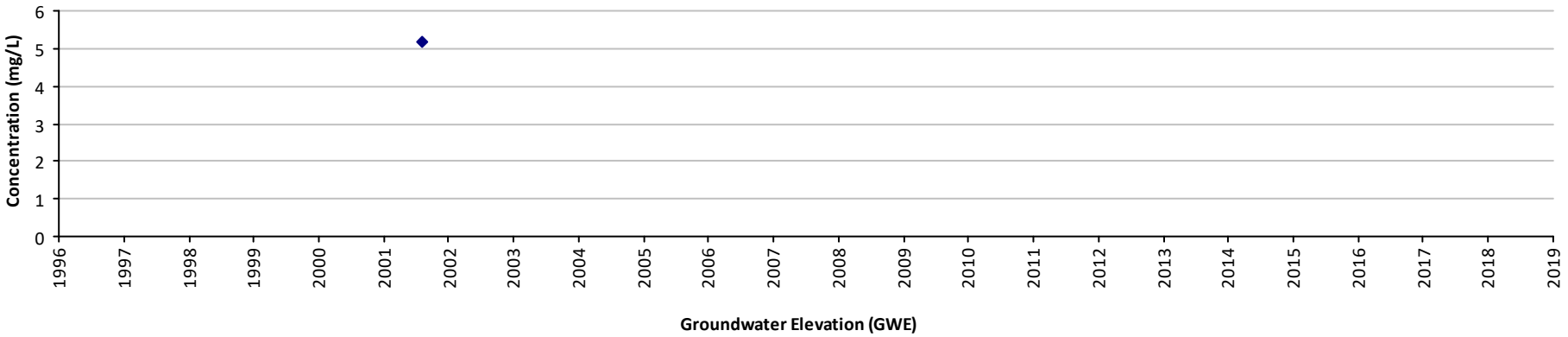
Nitrate-Nitrogen (NO_3-N)



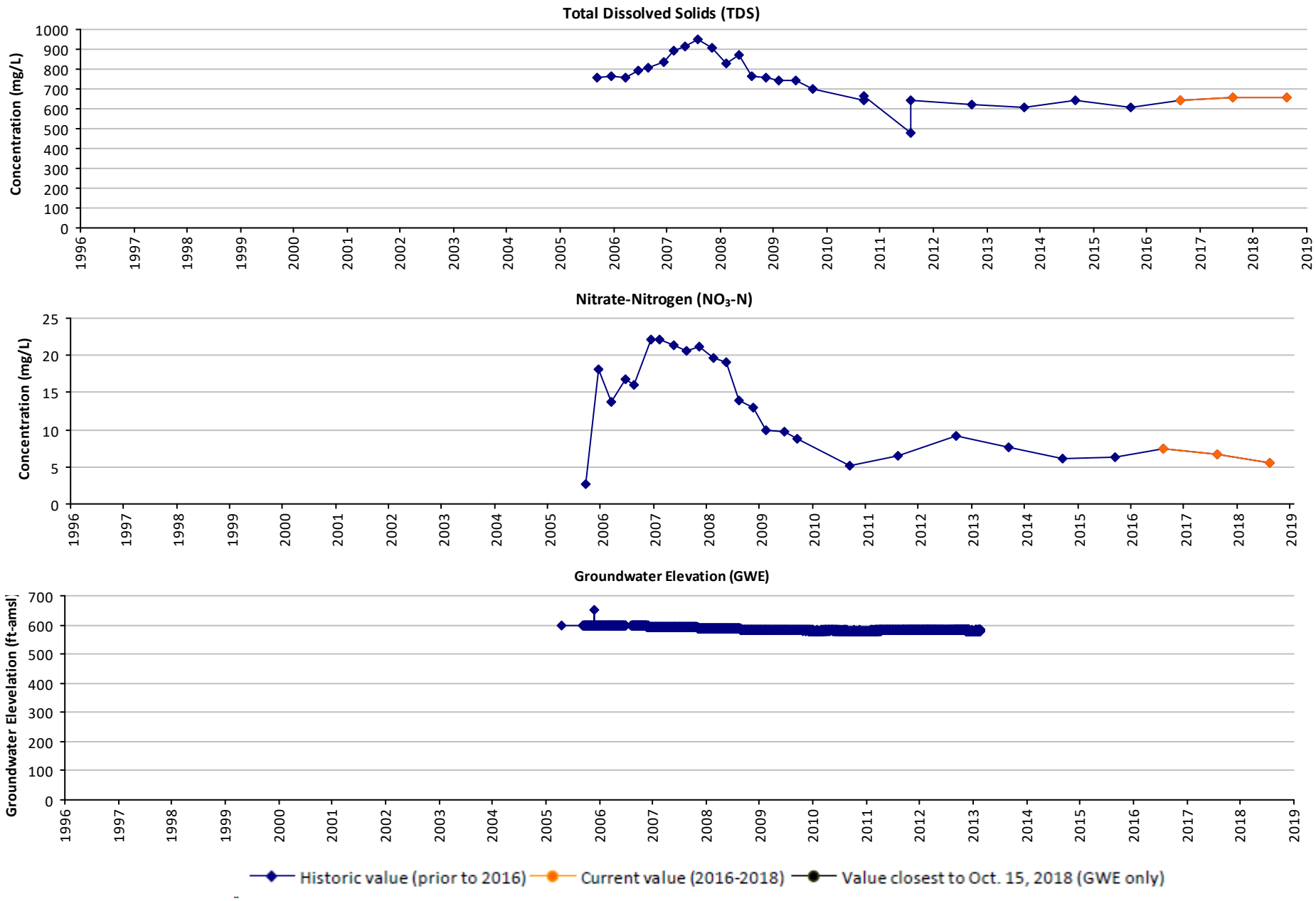
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

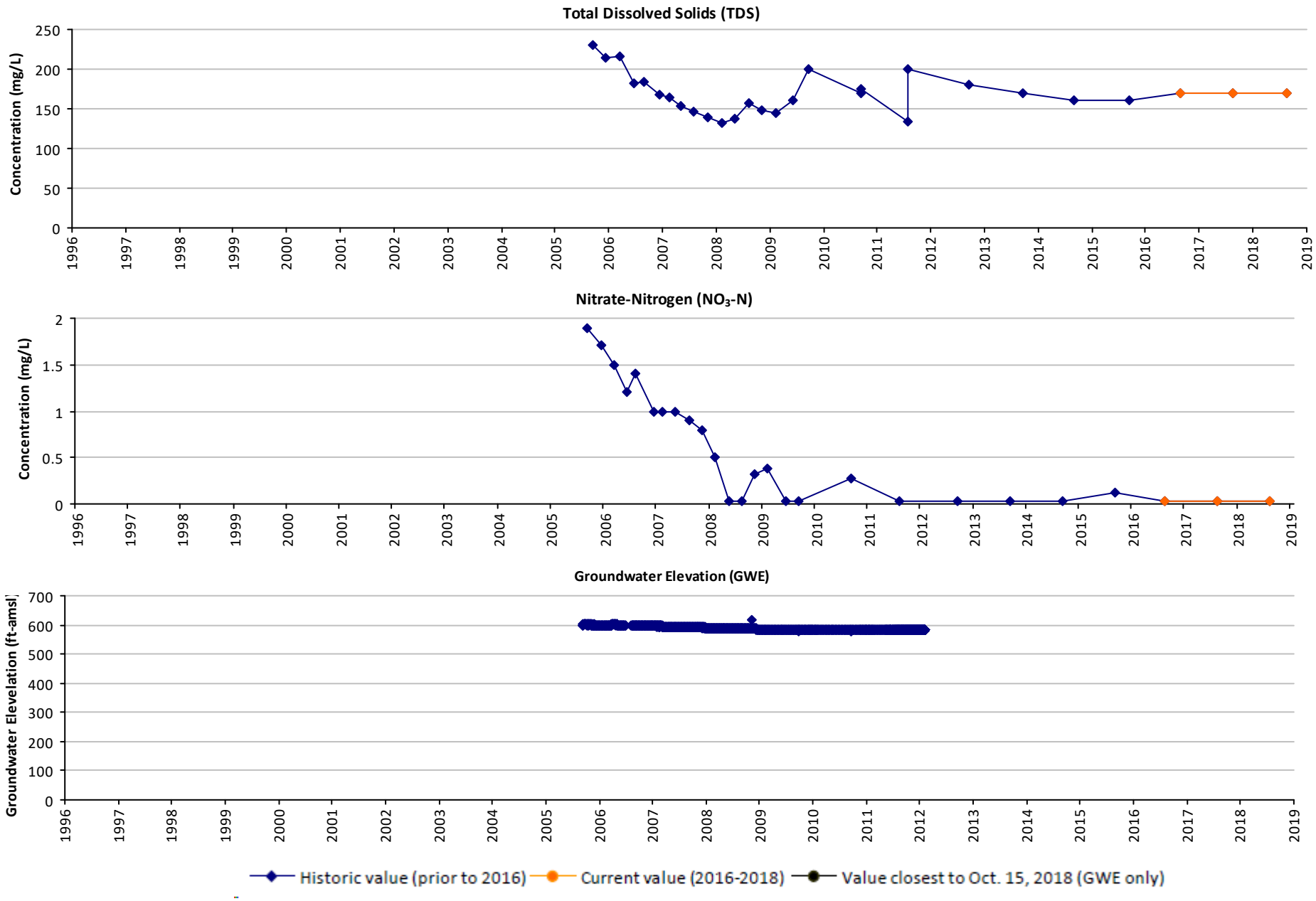
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

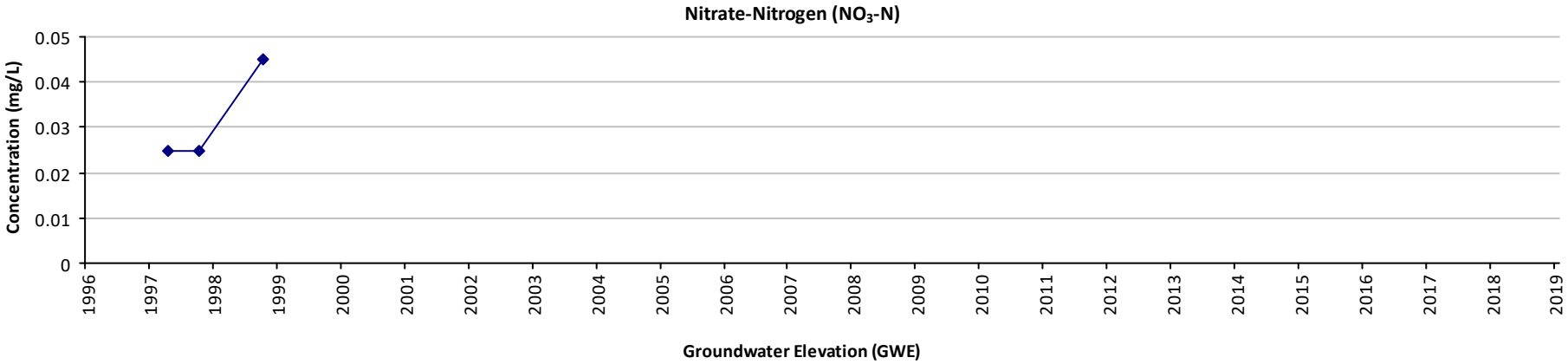


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

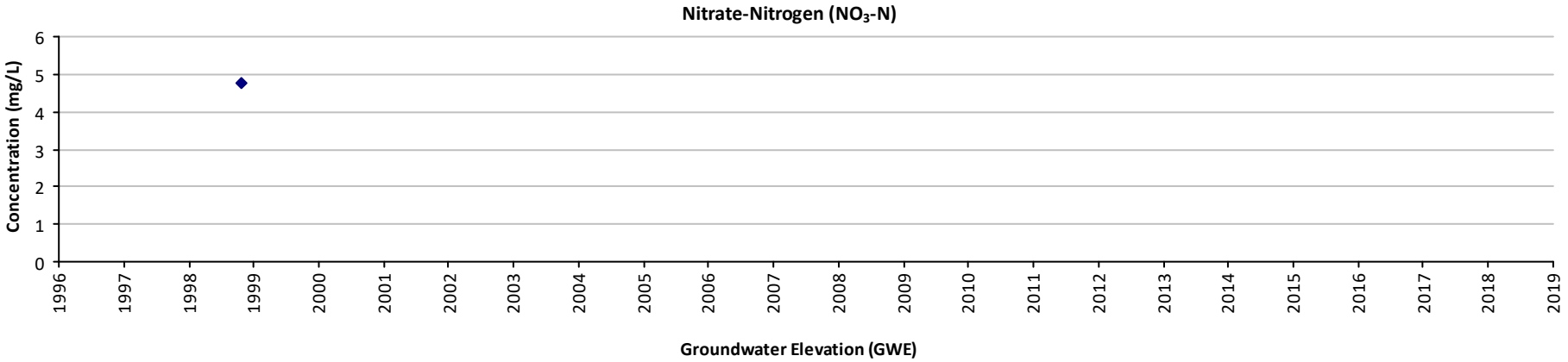

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



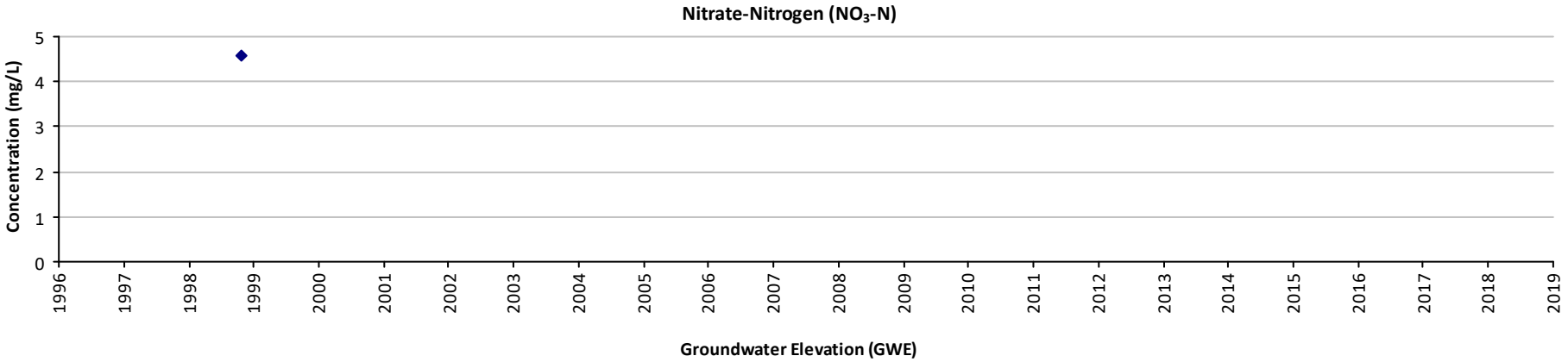
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



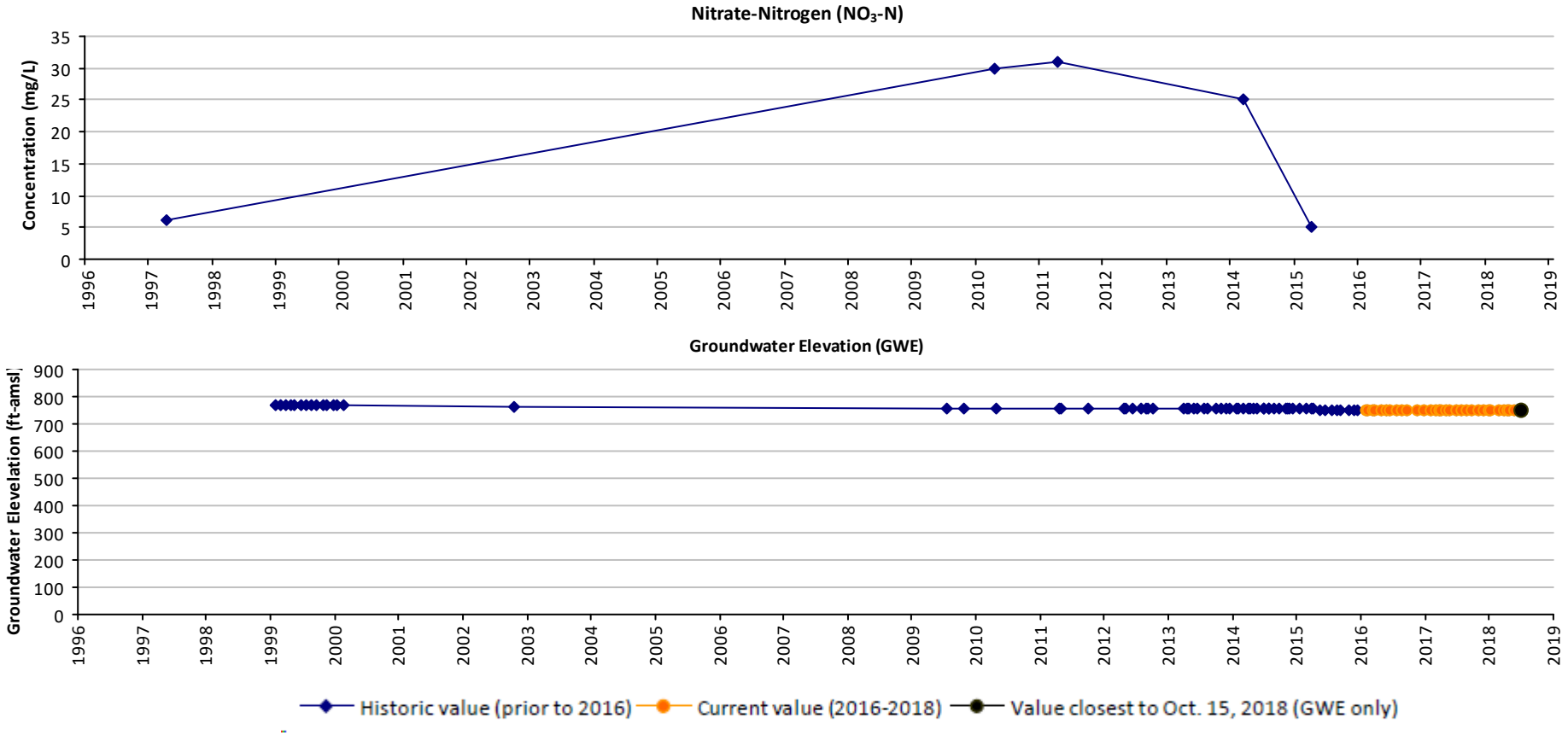
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

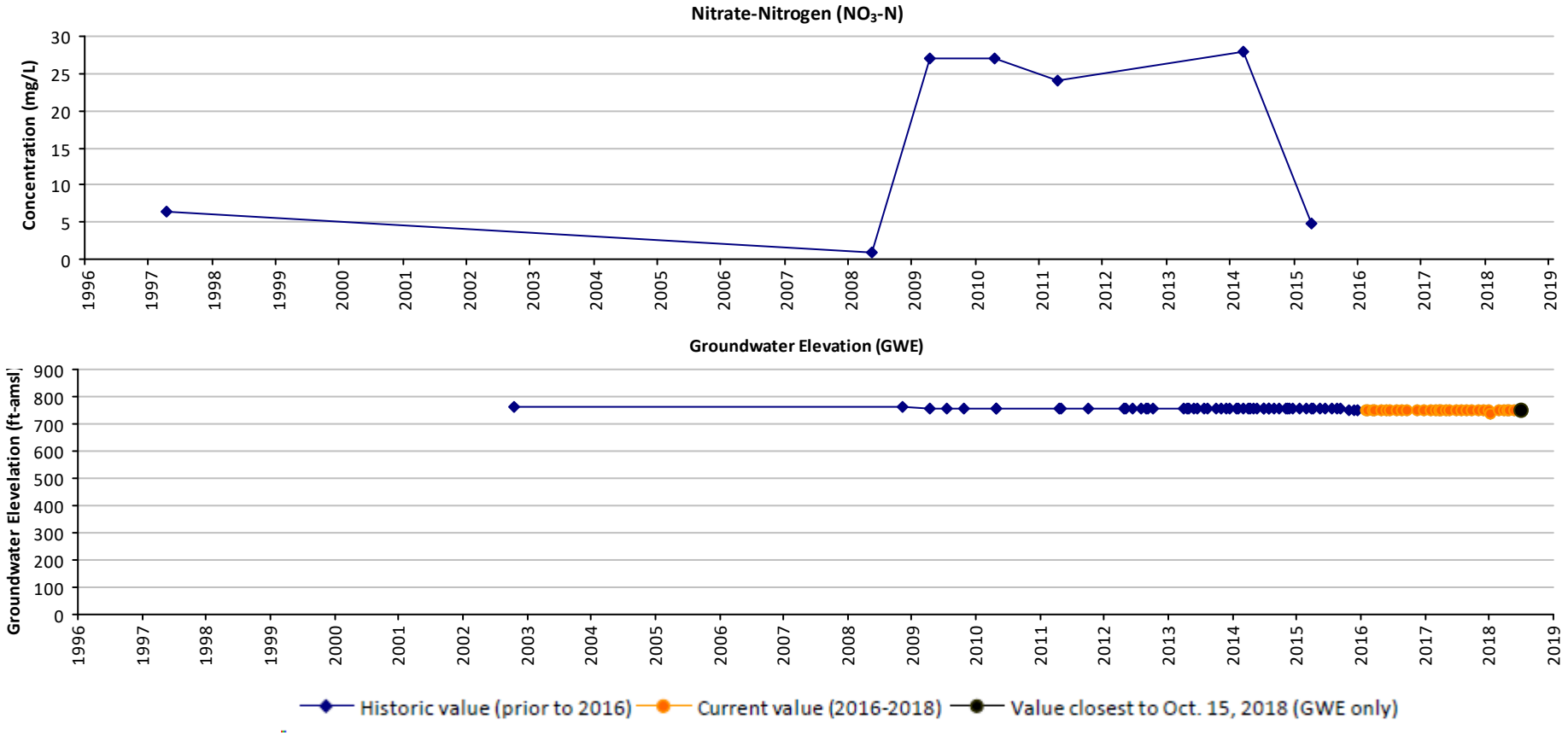


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

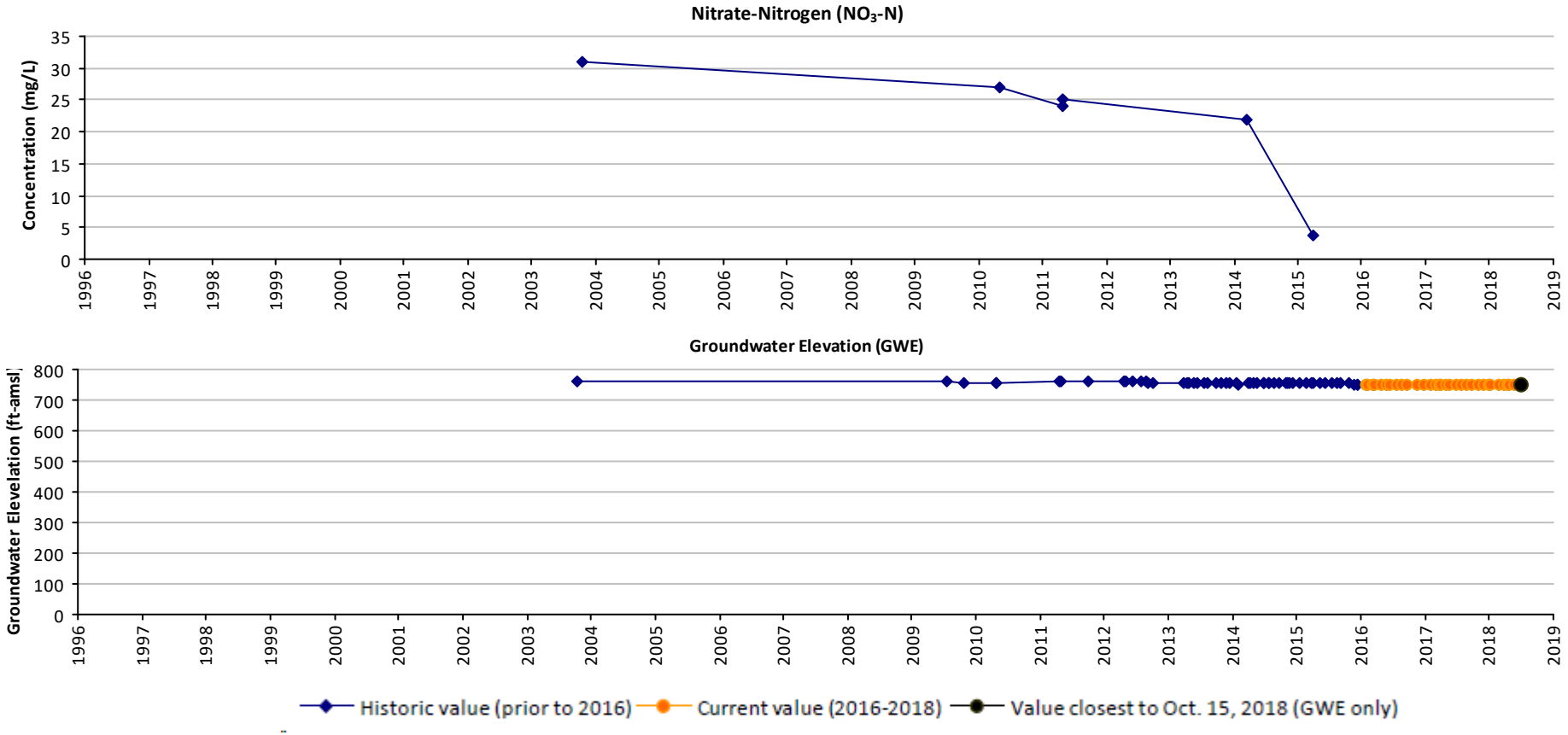
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

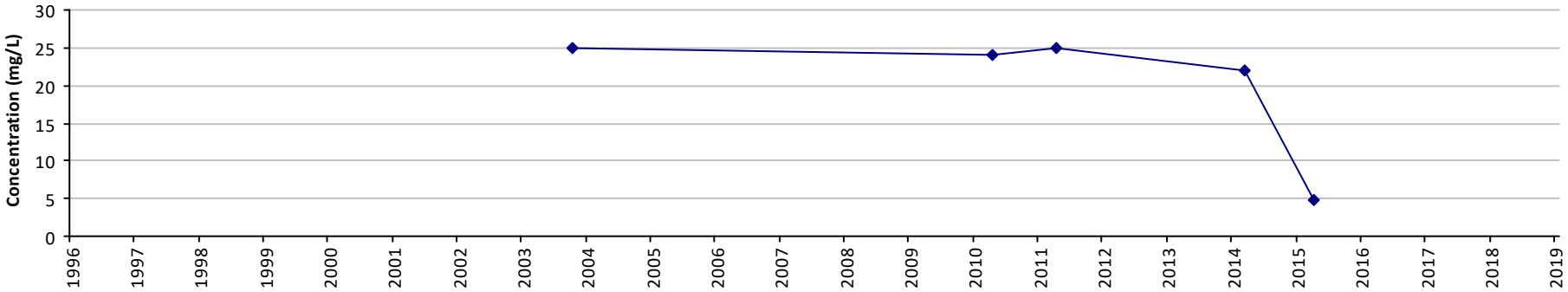


Total Dissolved Solids (TDS)

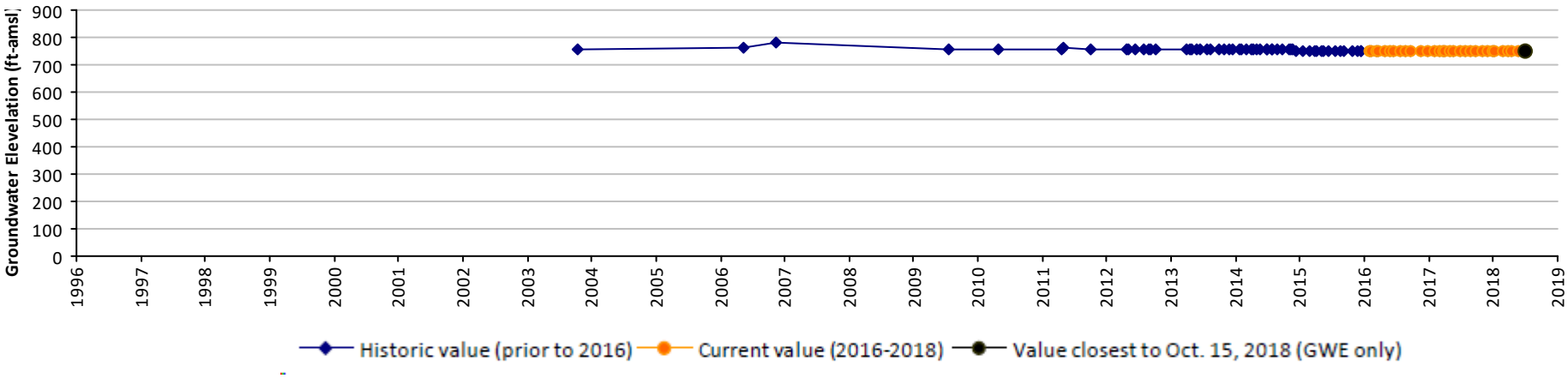


Total Dissolved Solids (TDS)

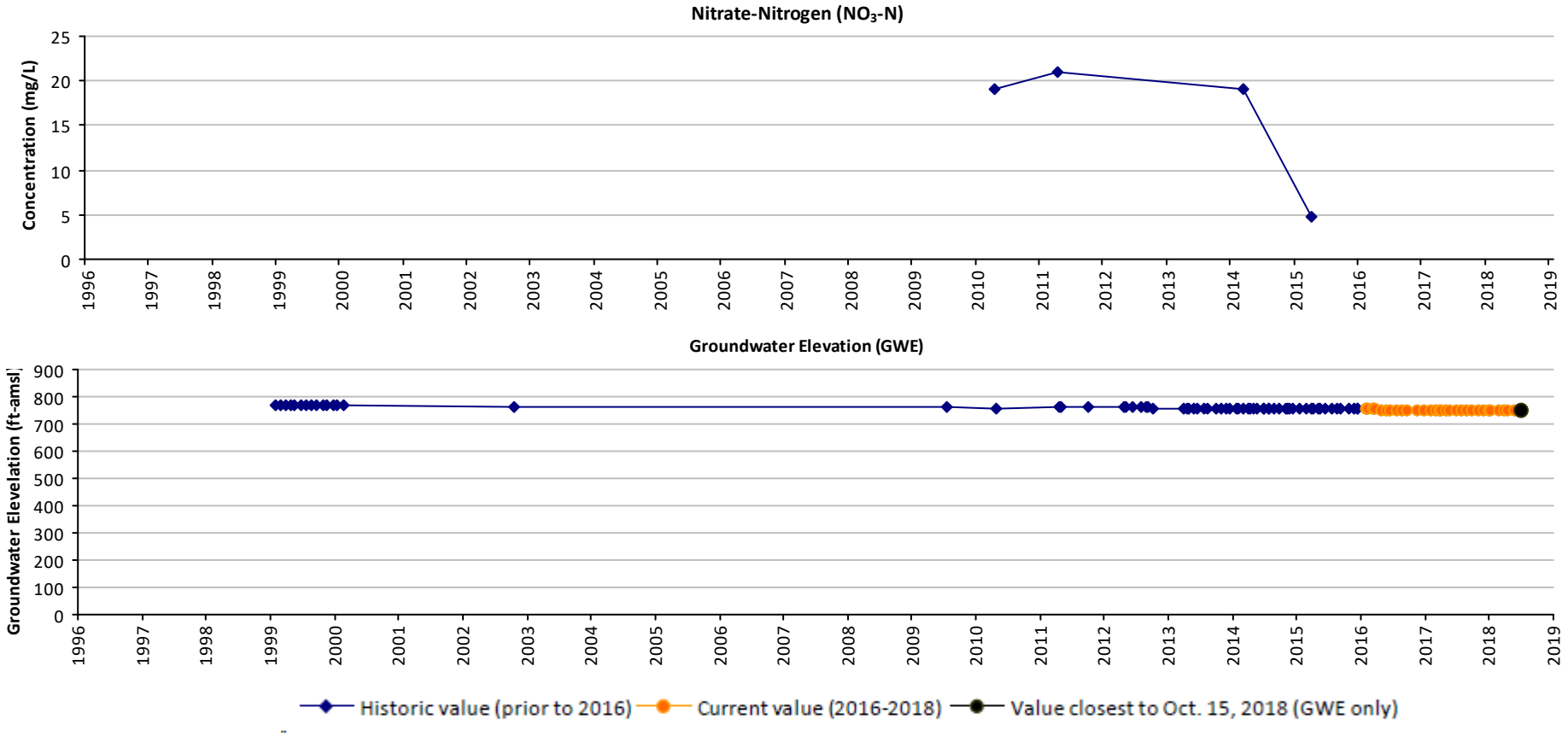
Nitrate-Nitrogen (NO_3-N)



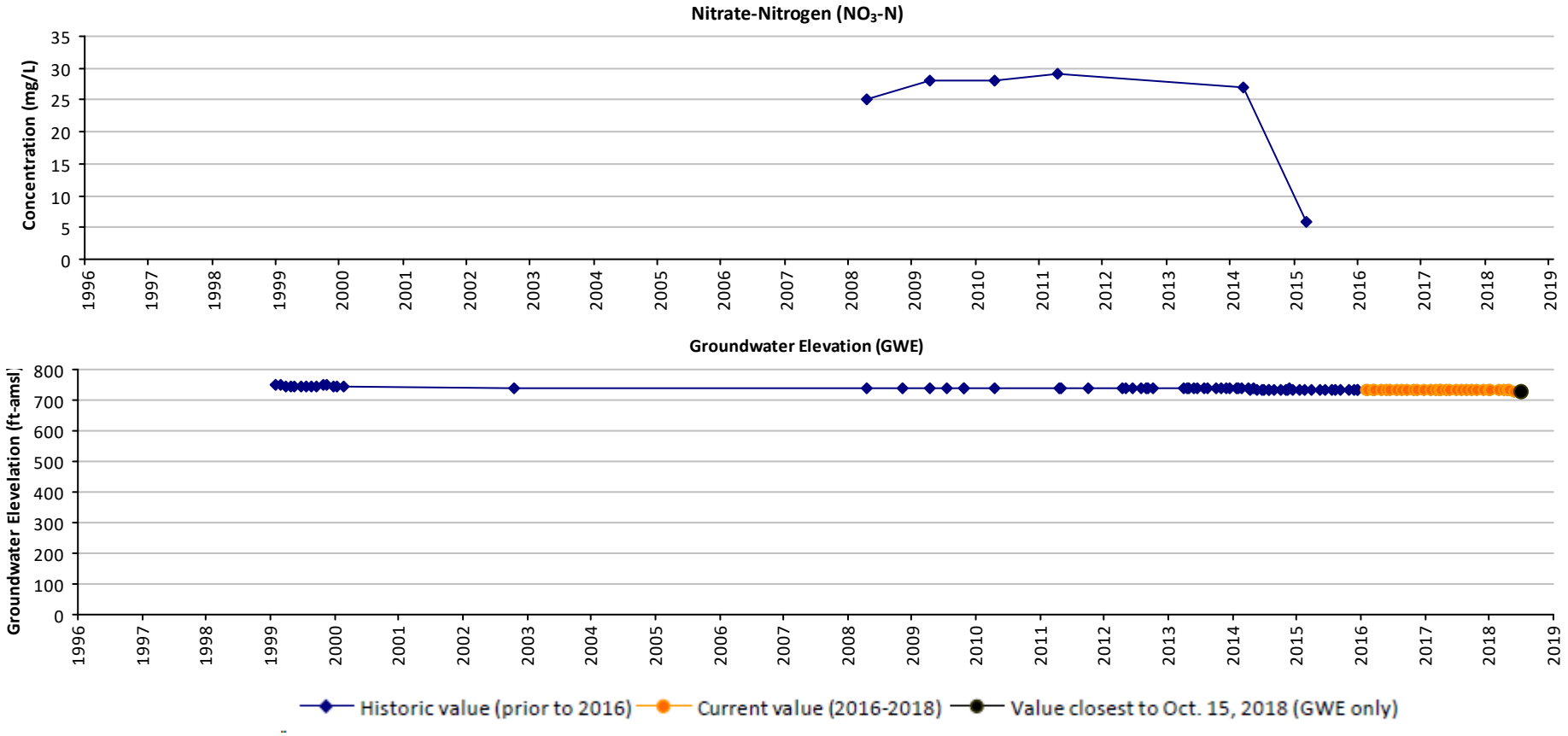
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

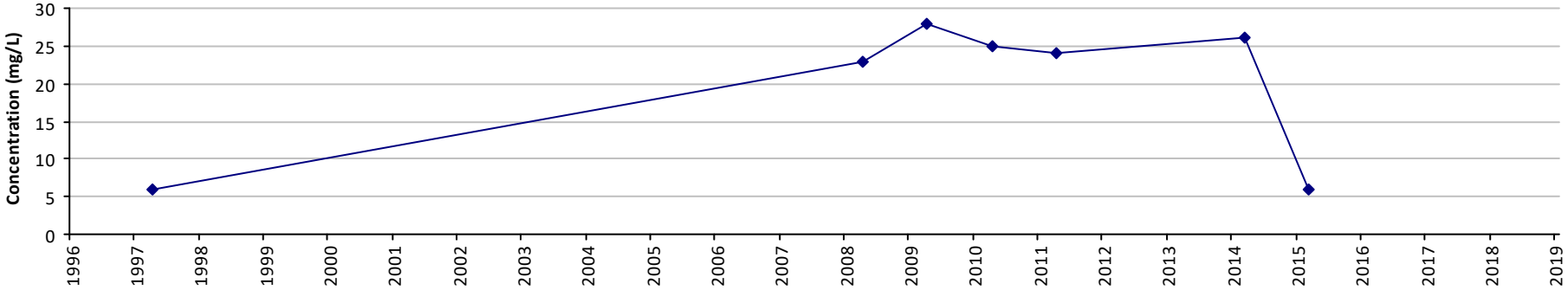


Total Dissolved Solids (TDS)

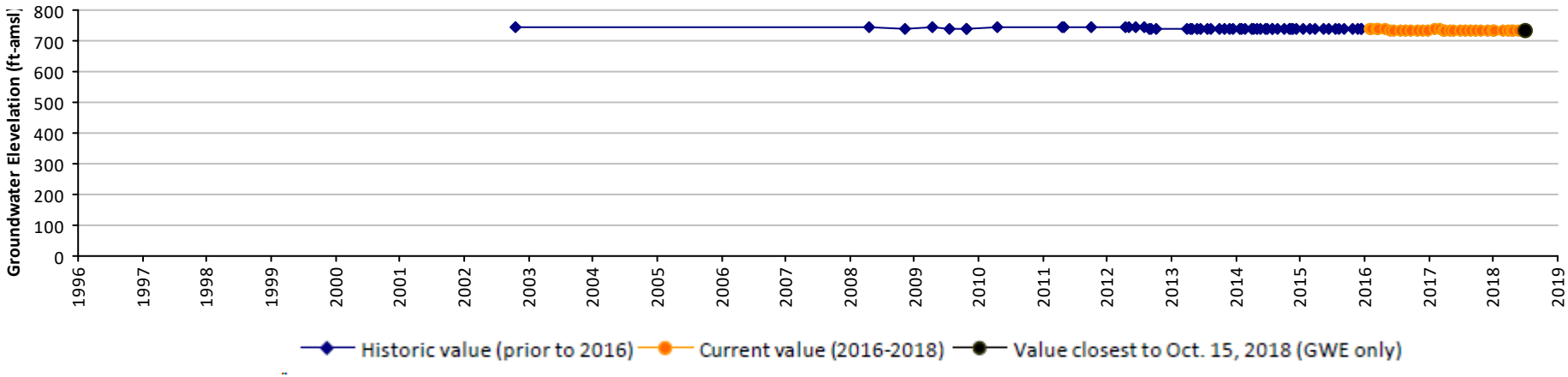


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

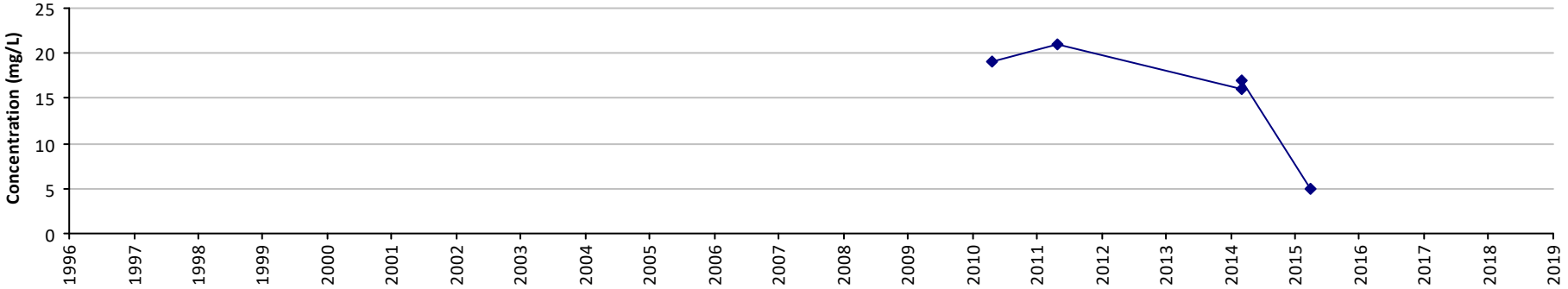


Groundwater Elevation (GWE)

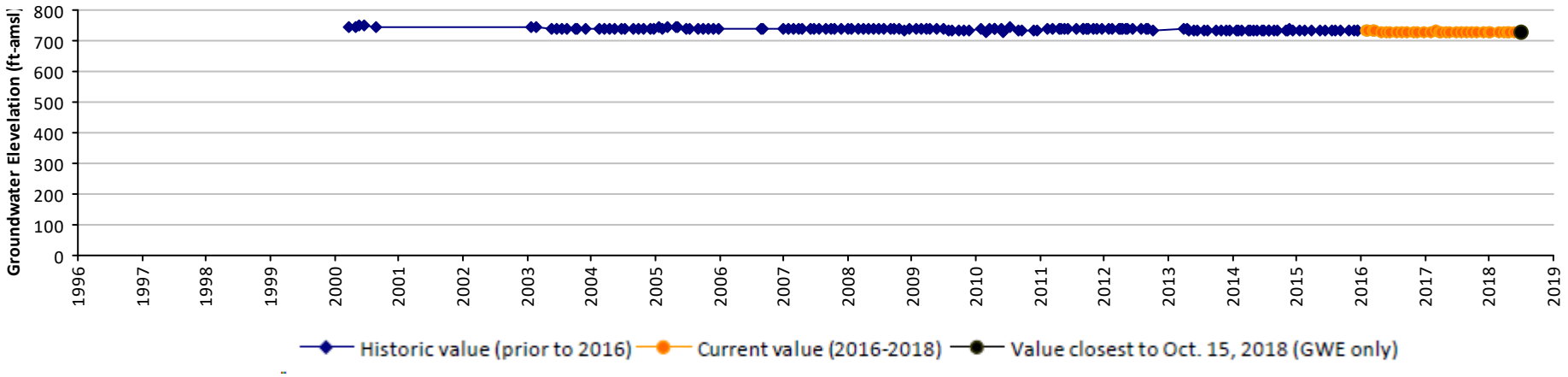


Total Dissolved Solids (TDS)

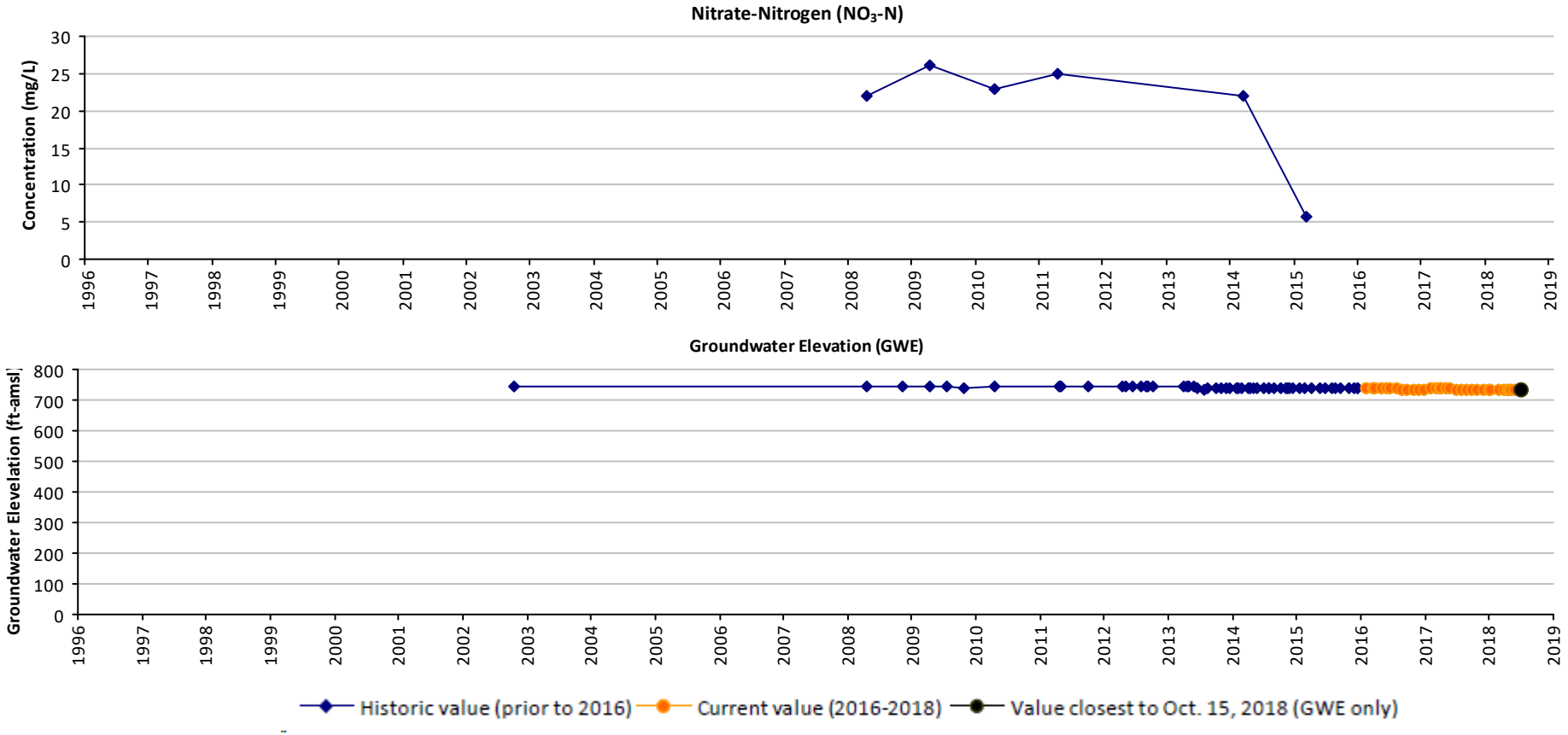
Nitrate-Nitrogen (NO_3-N)



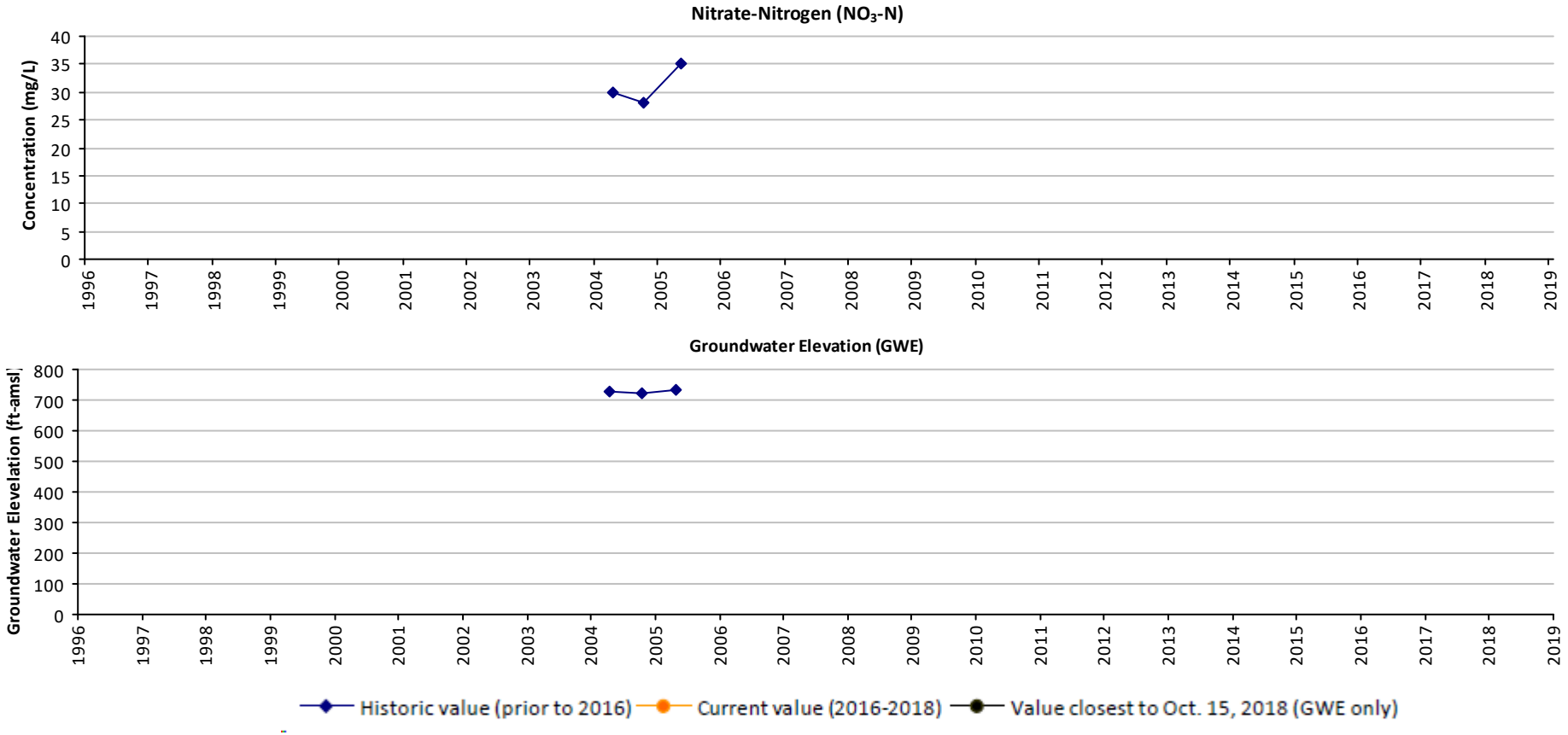
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

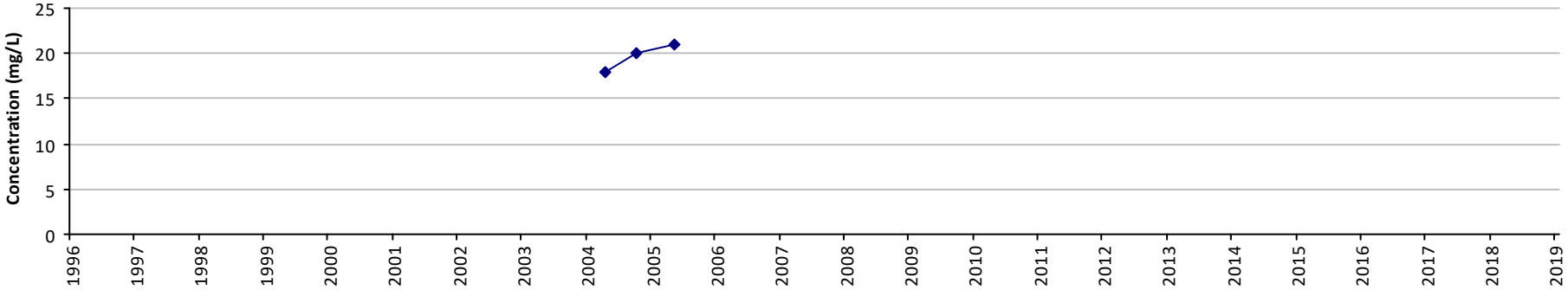


Total Dissolved Solids (TDS)

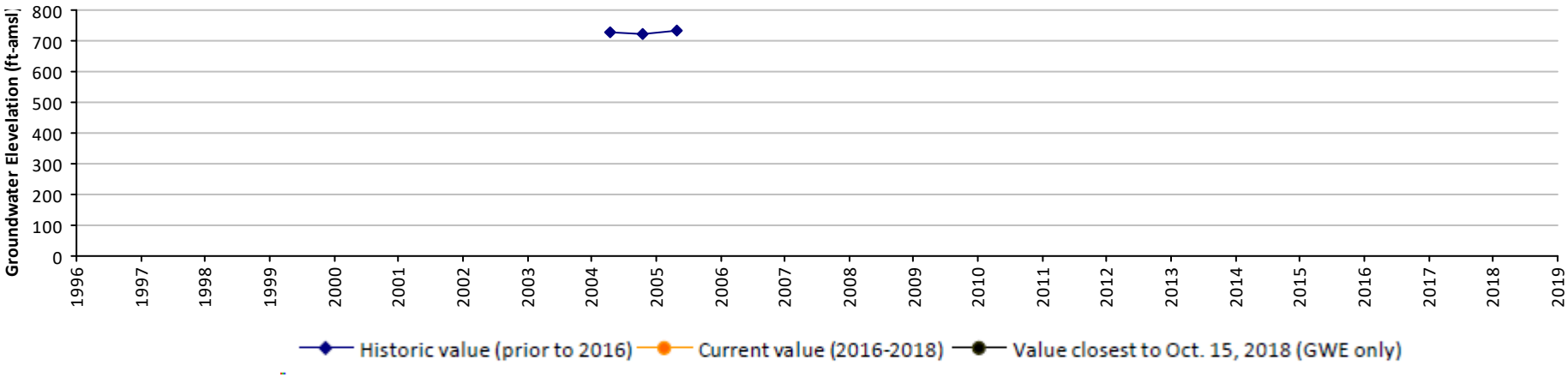


Total Dissolved Solids (TDS)

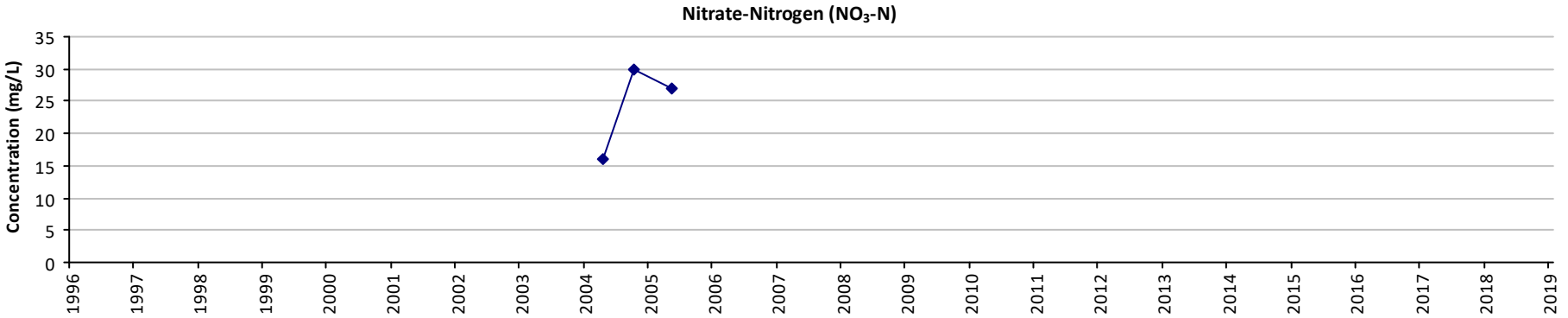
Nitrate-Nitrogen (NO_3-N)

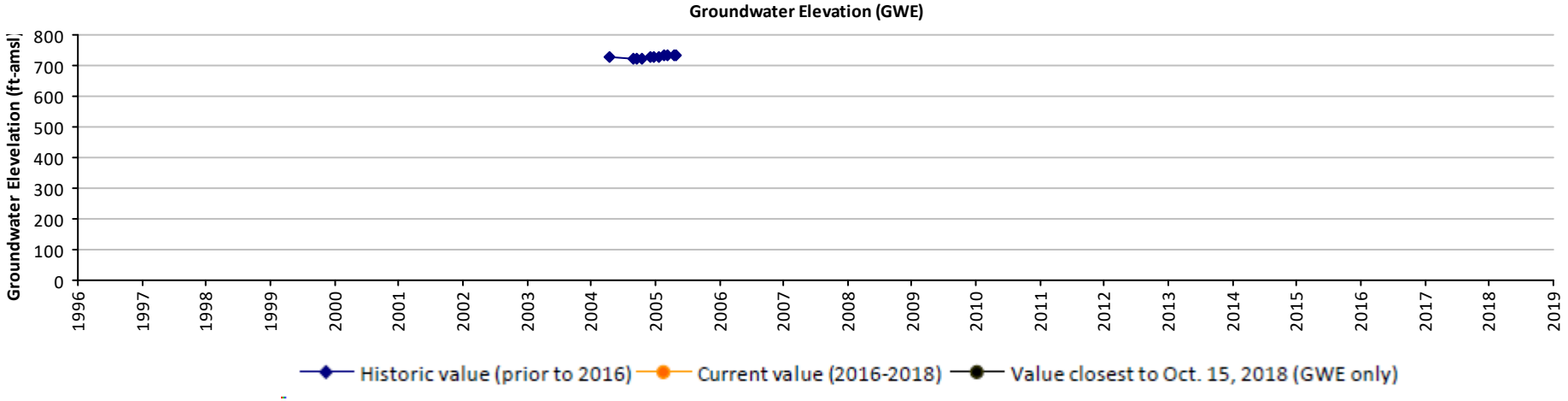


Groundwater Elevation (GWE)



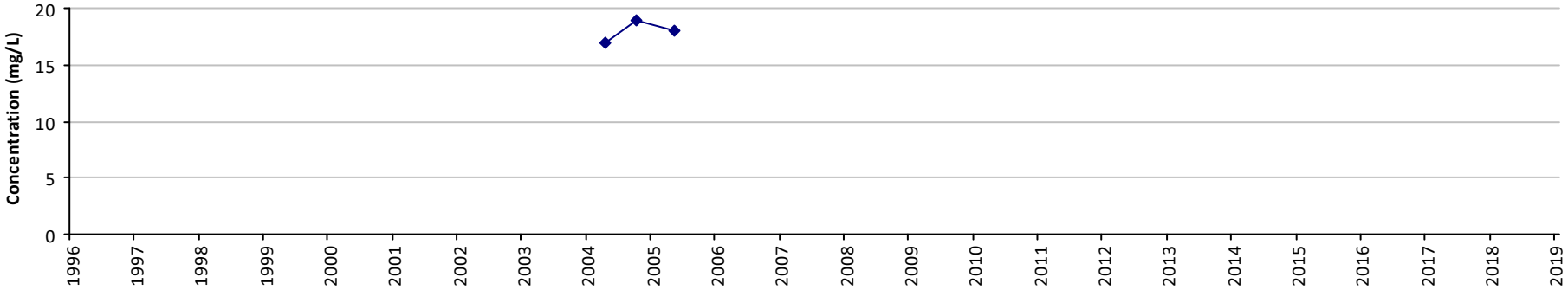
Total Dissolved Solids (TDS)



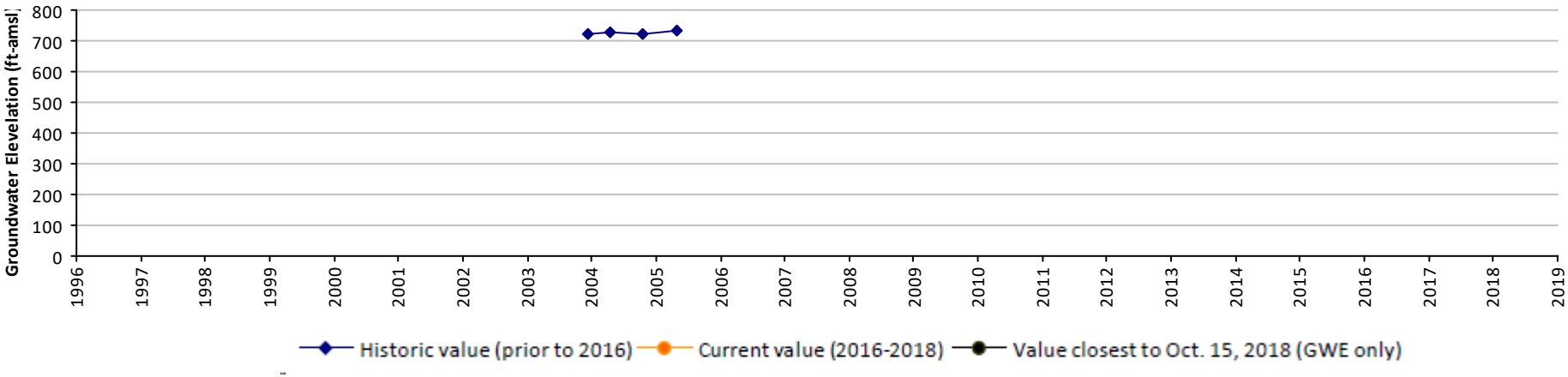


Total Dissolved Solids (TDS)

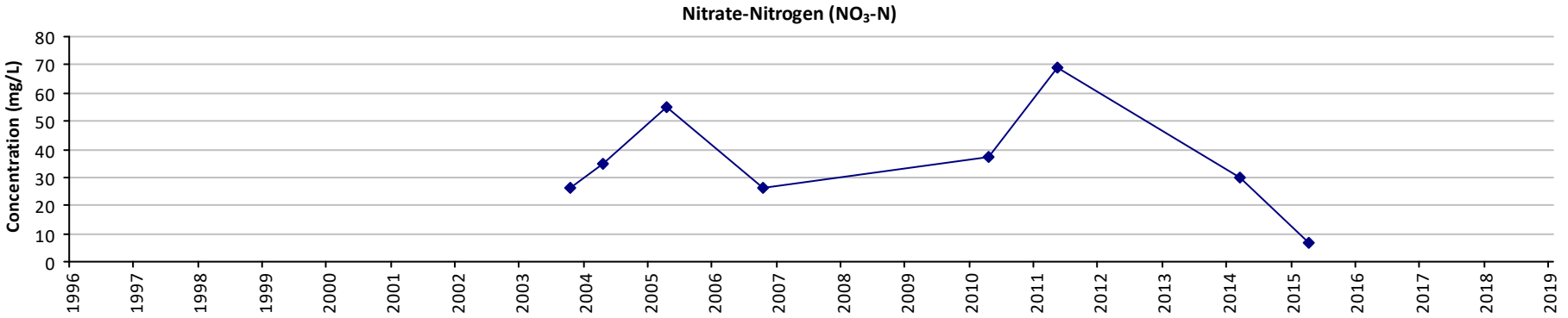
Nitrate-Nitrogen (NO_3-N)

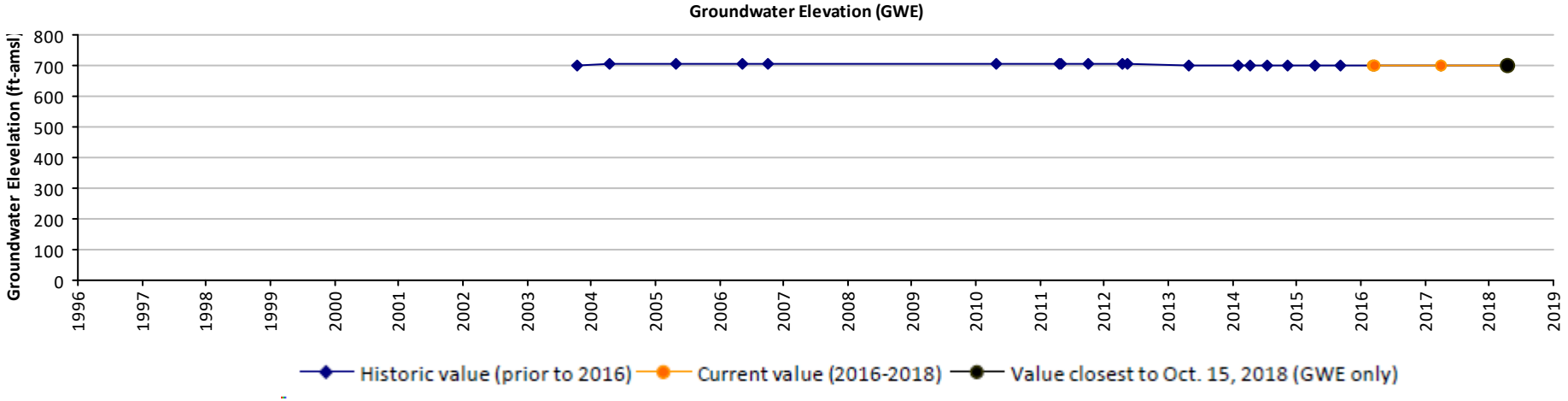


Groundwater Elevation (GWE)

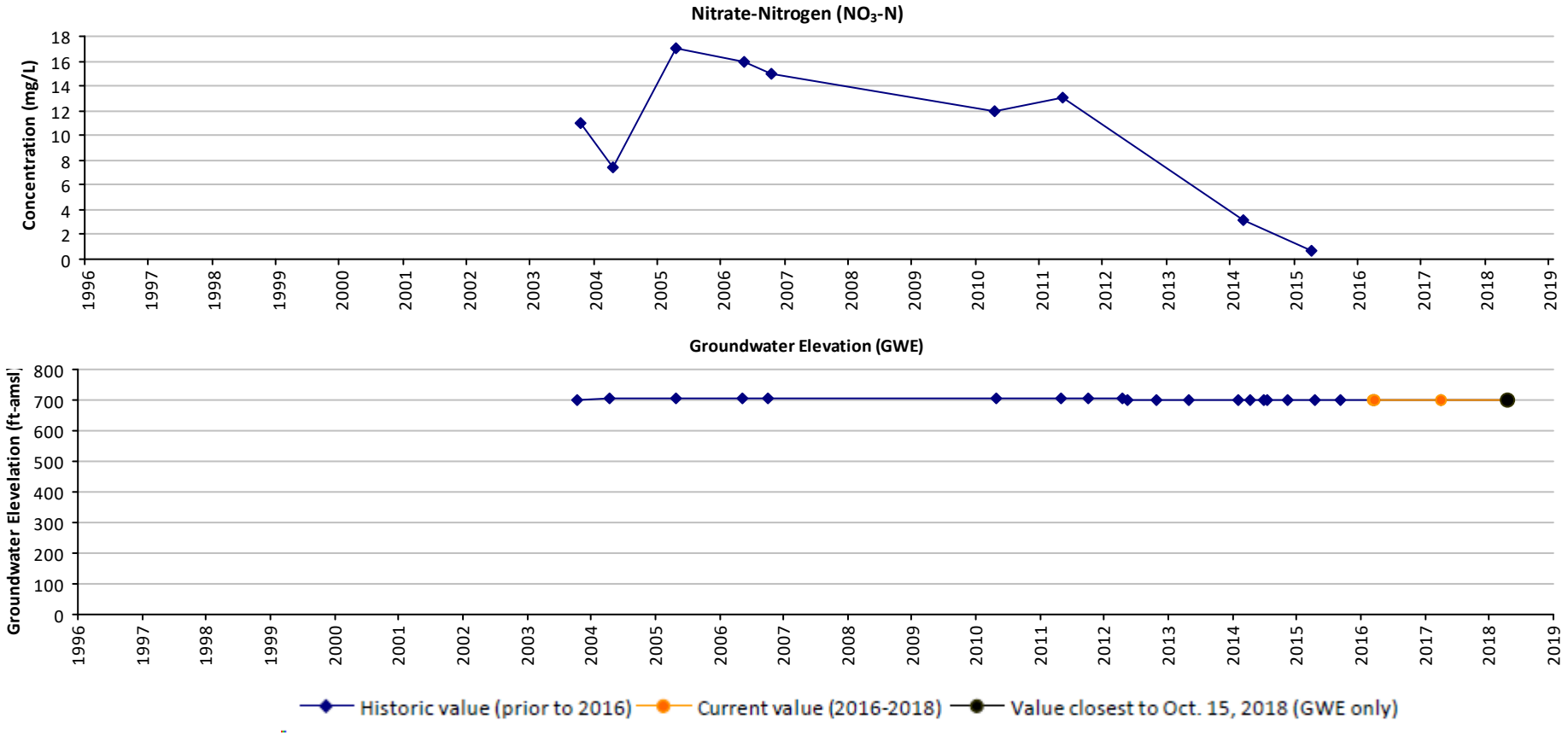


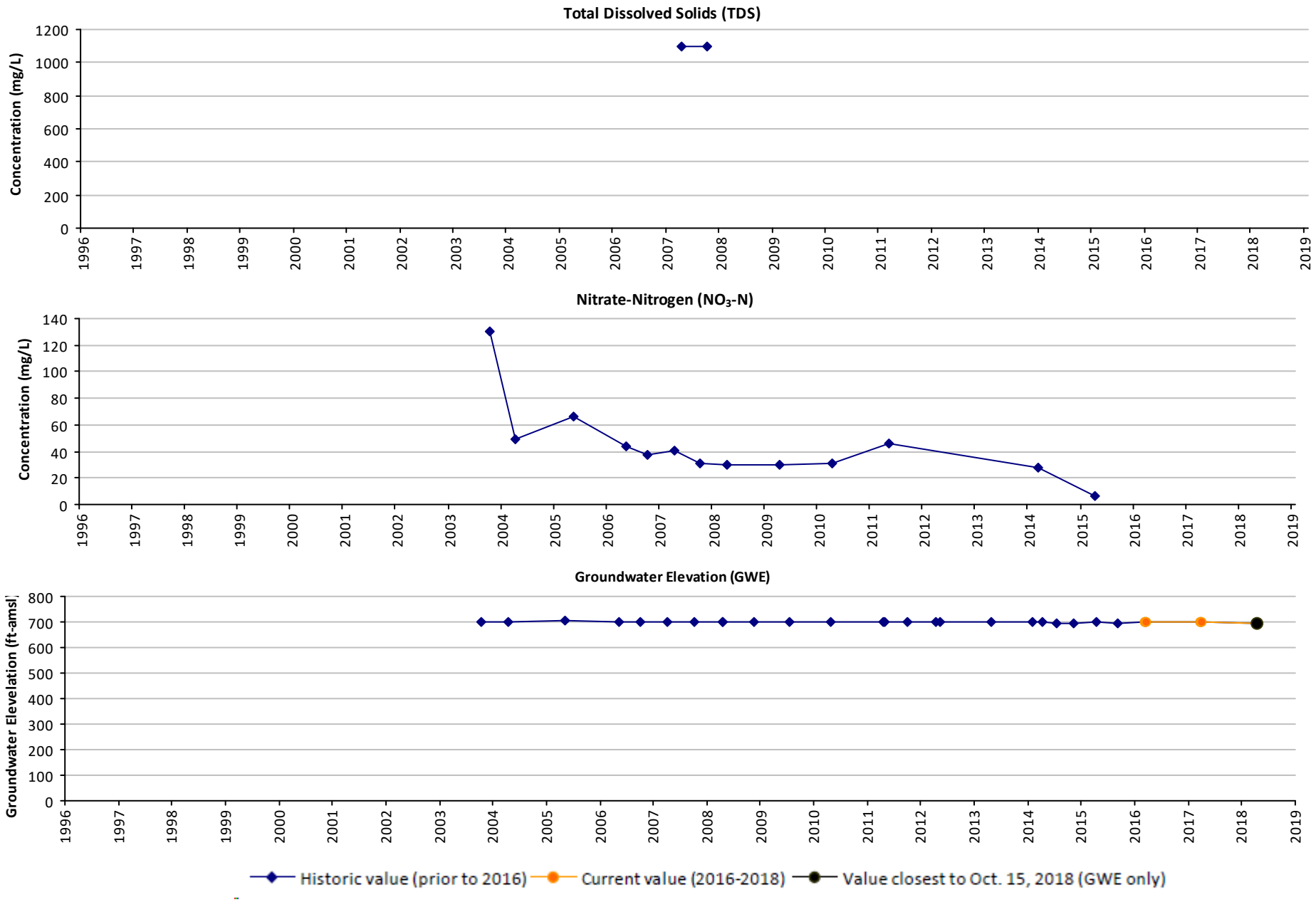
Total Dissolved Solids (TDS)



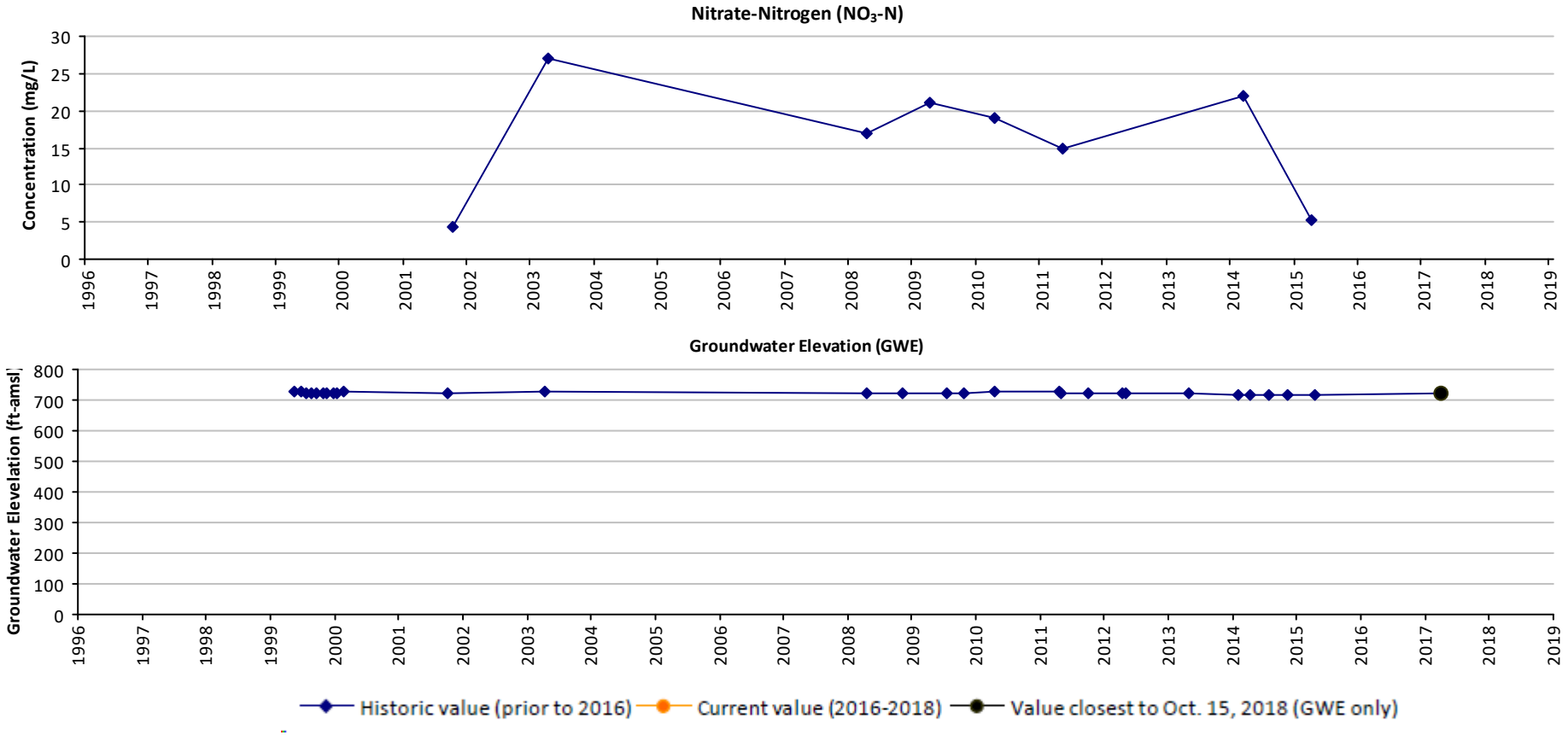


Total Dissolved Solids (TDS)

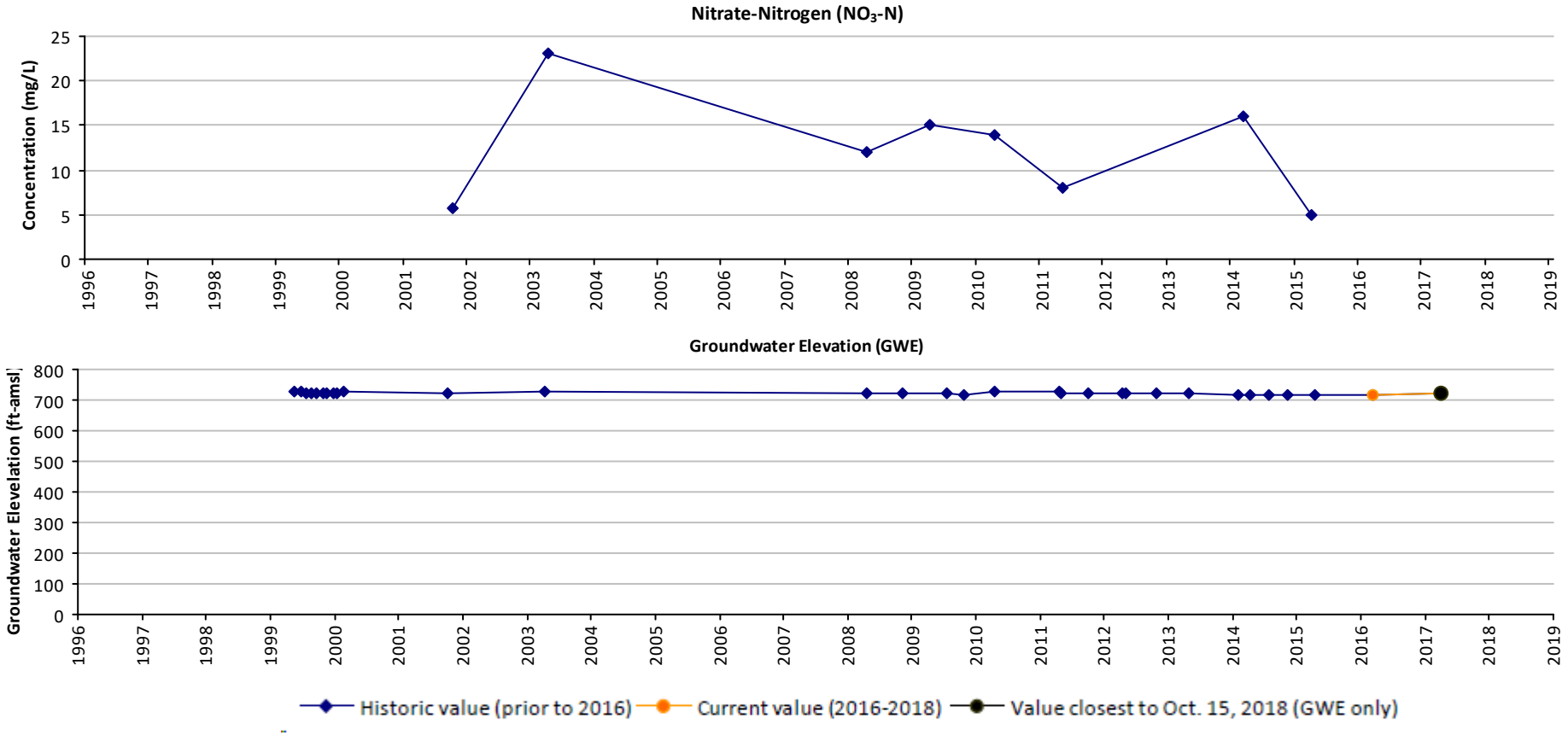



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

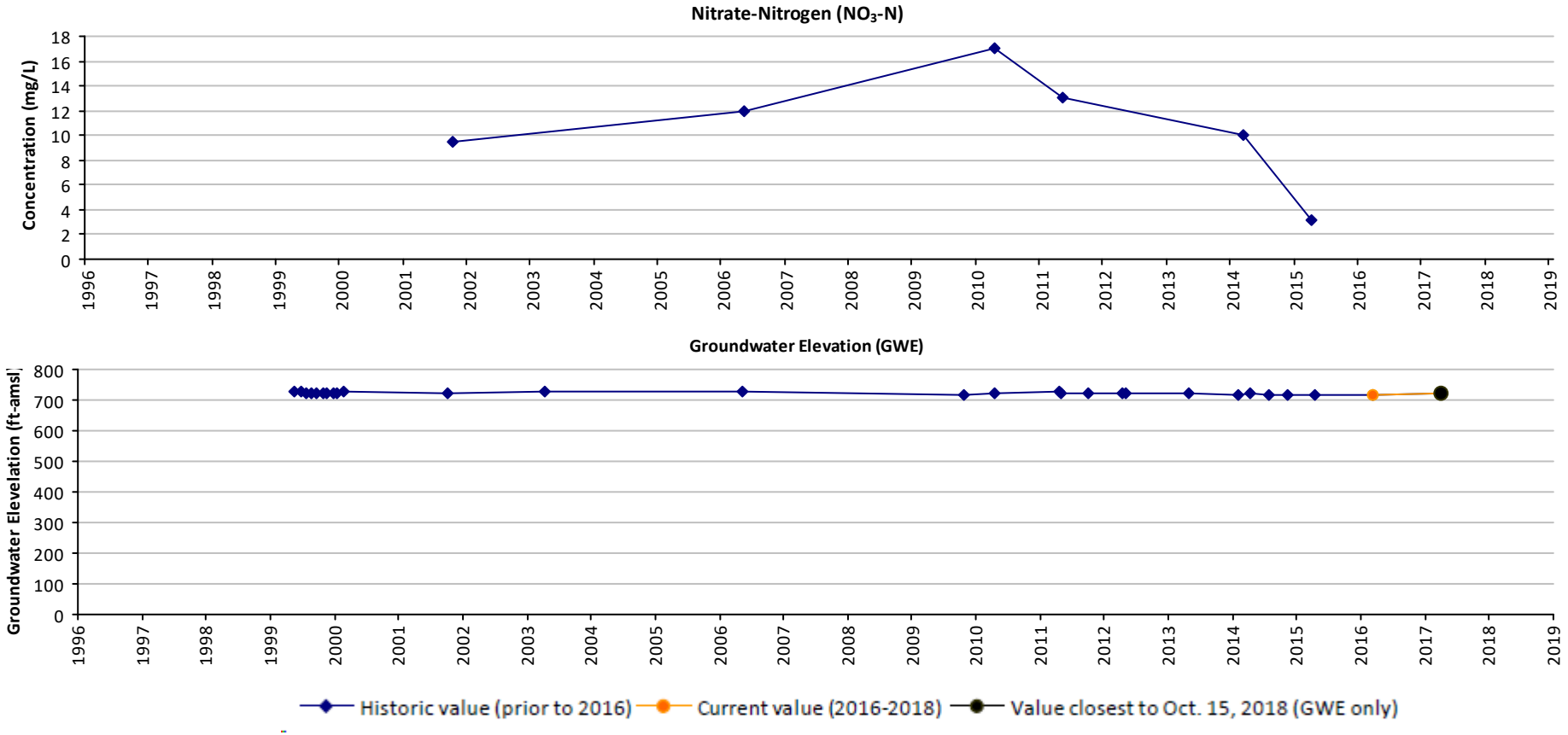
Total Dissolved Solids (TDS)

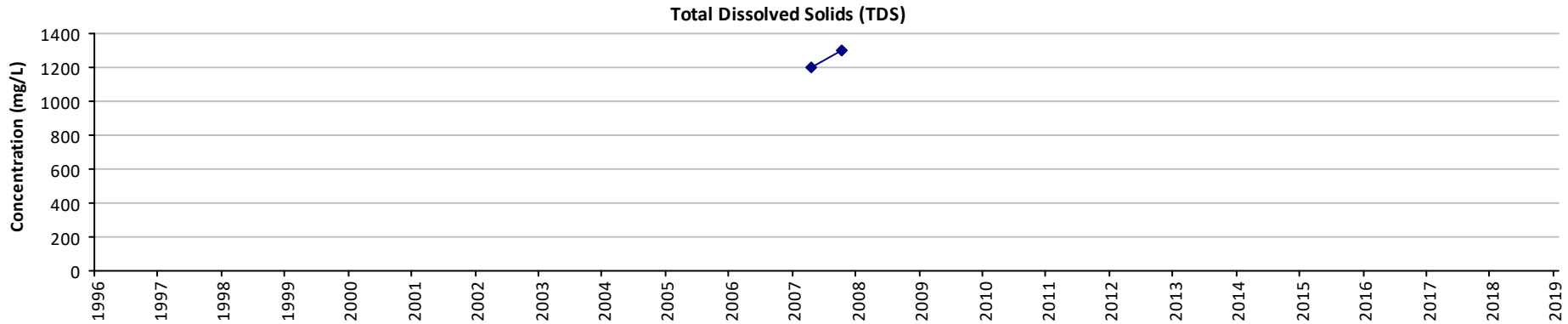


Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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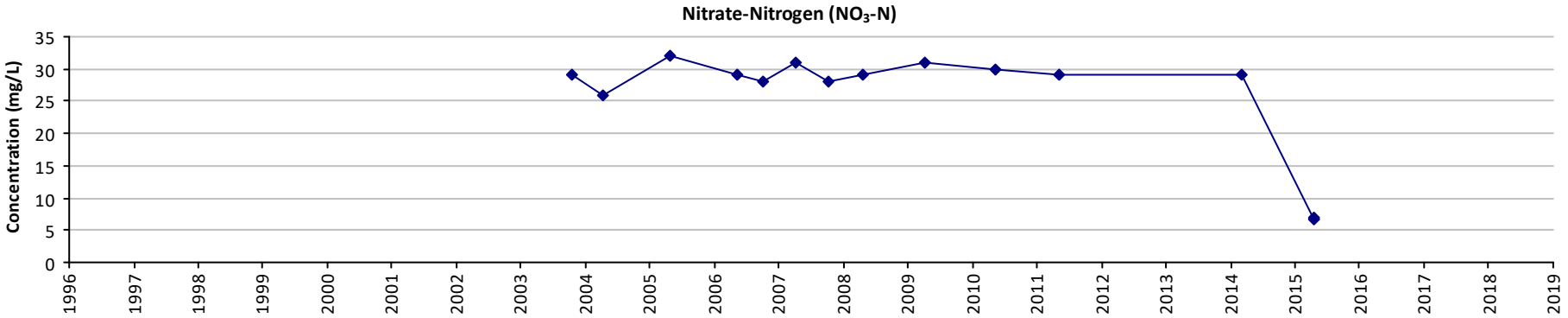
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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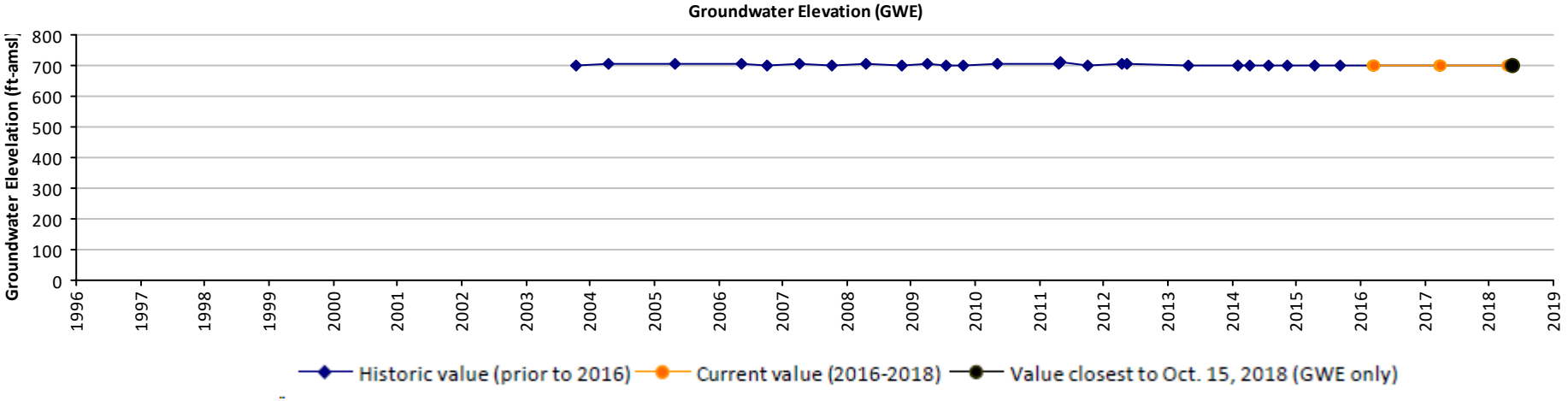
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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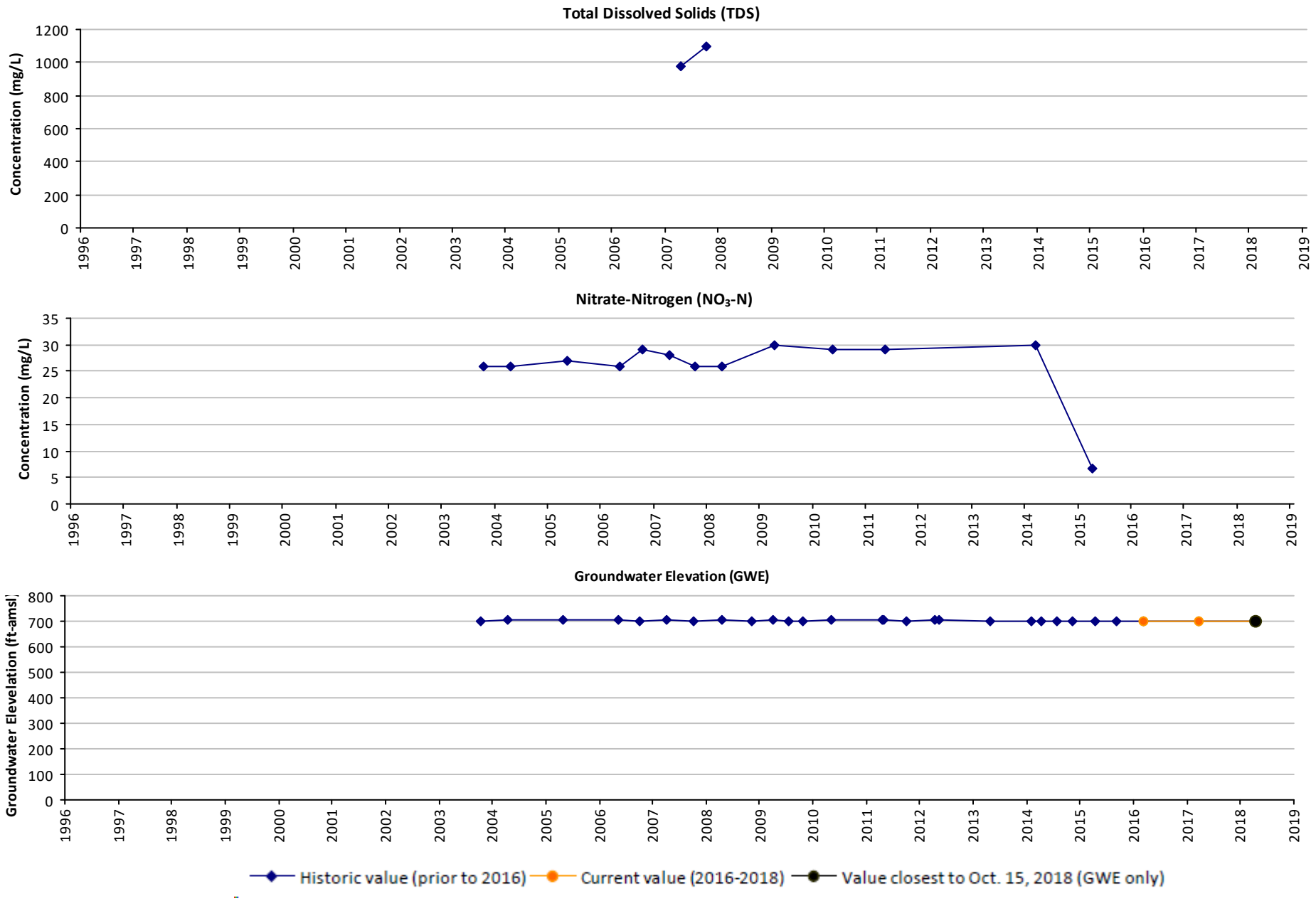
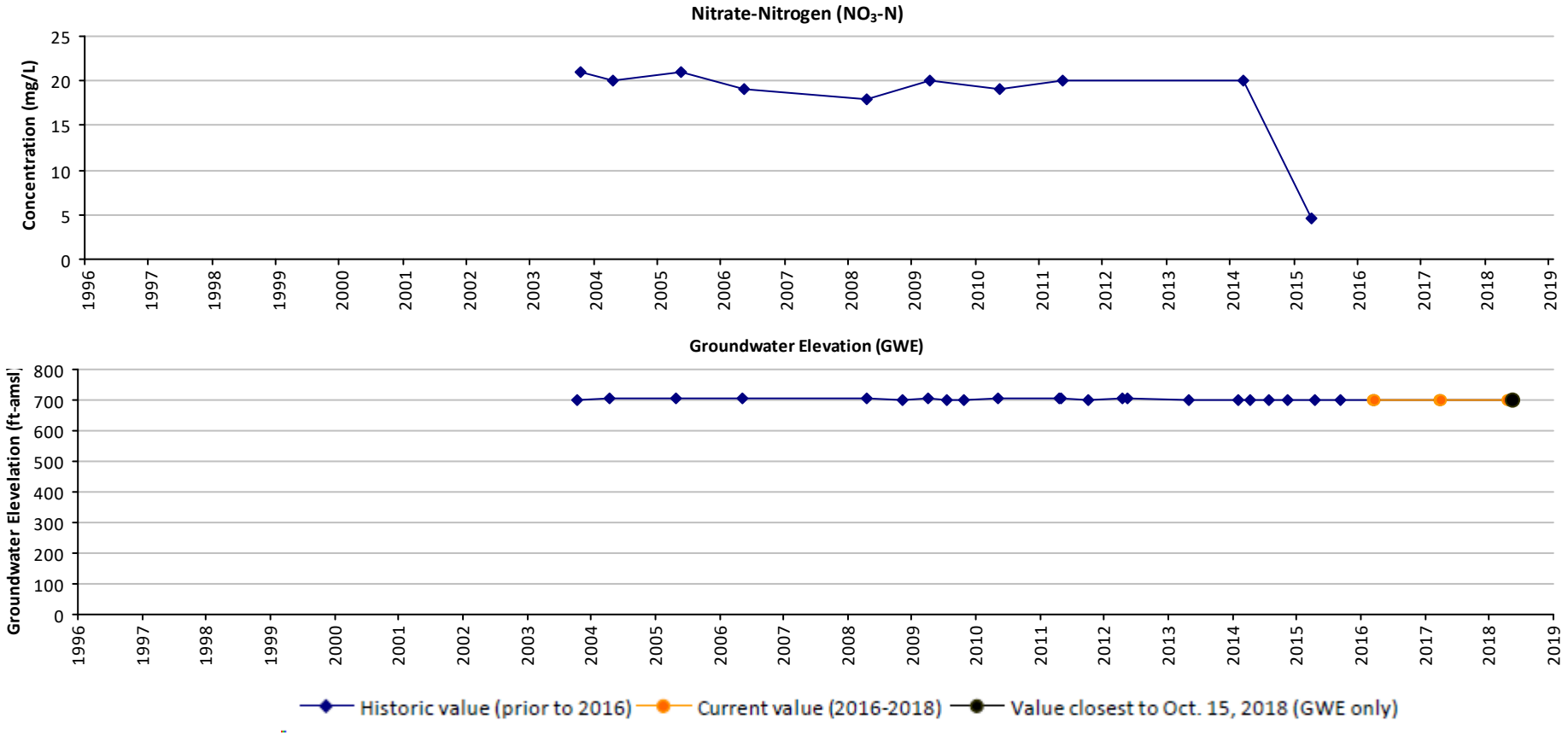
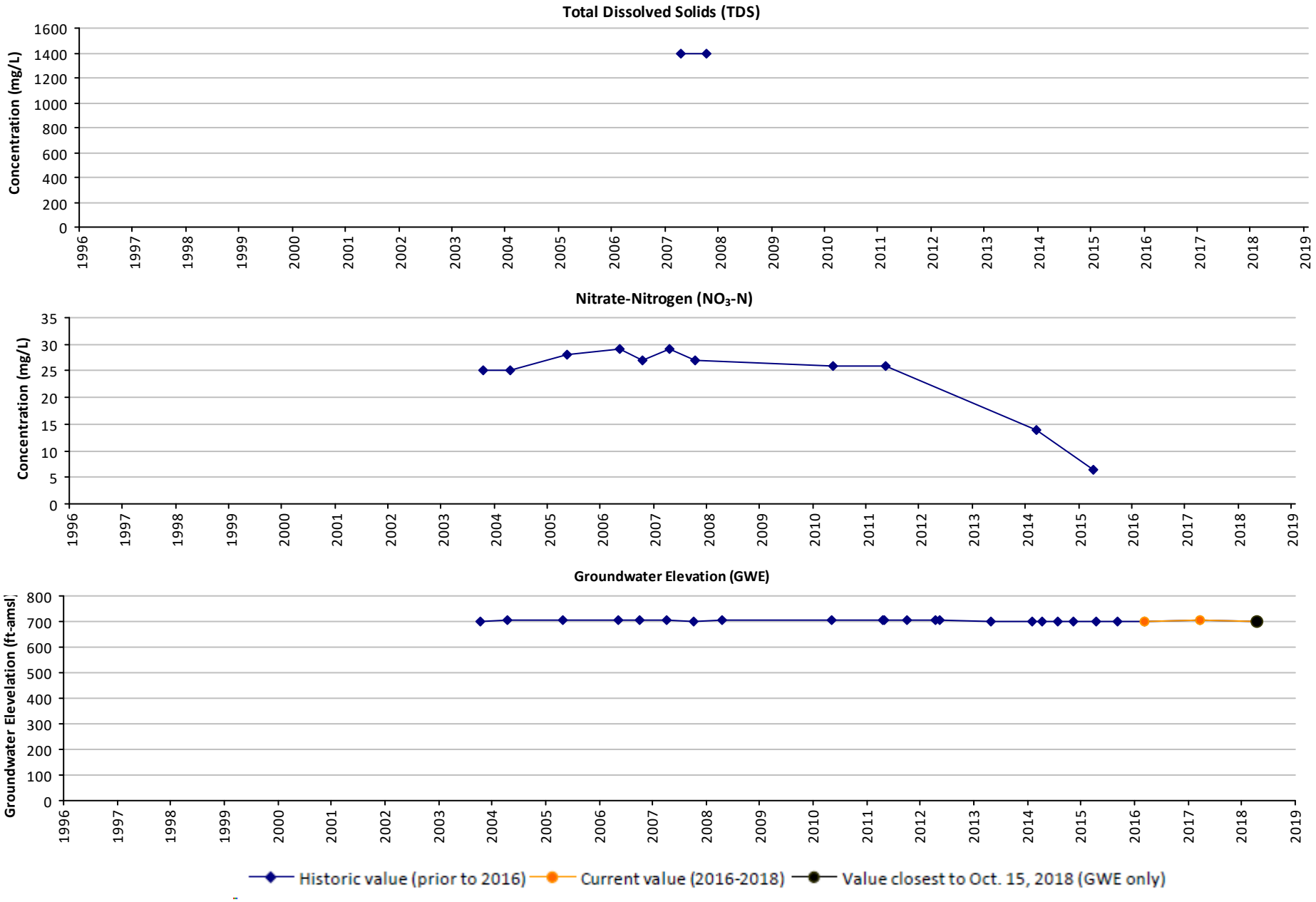
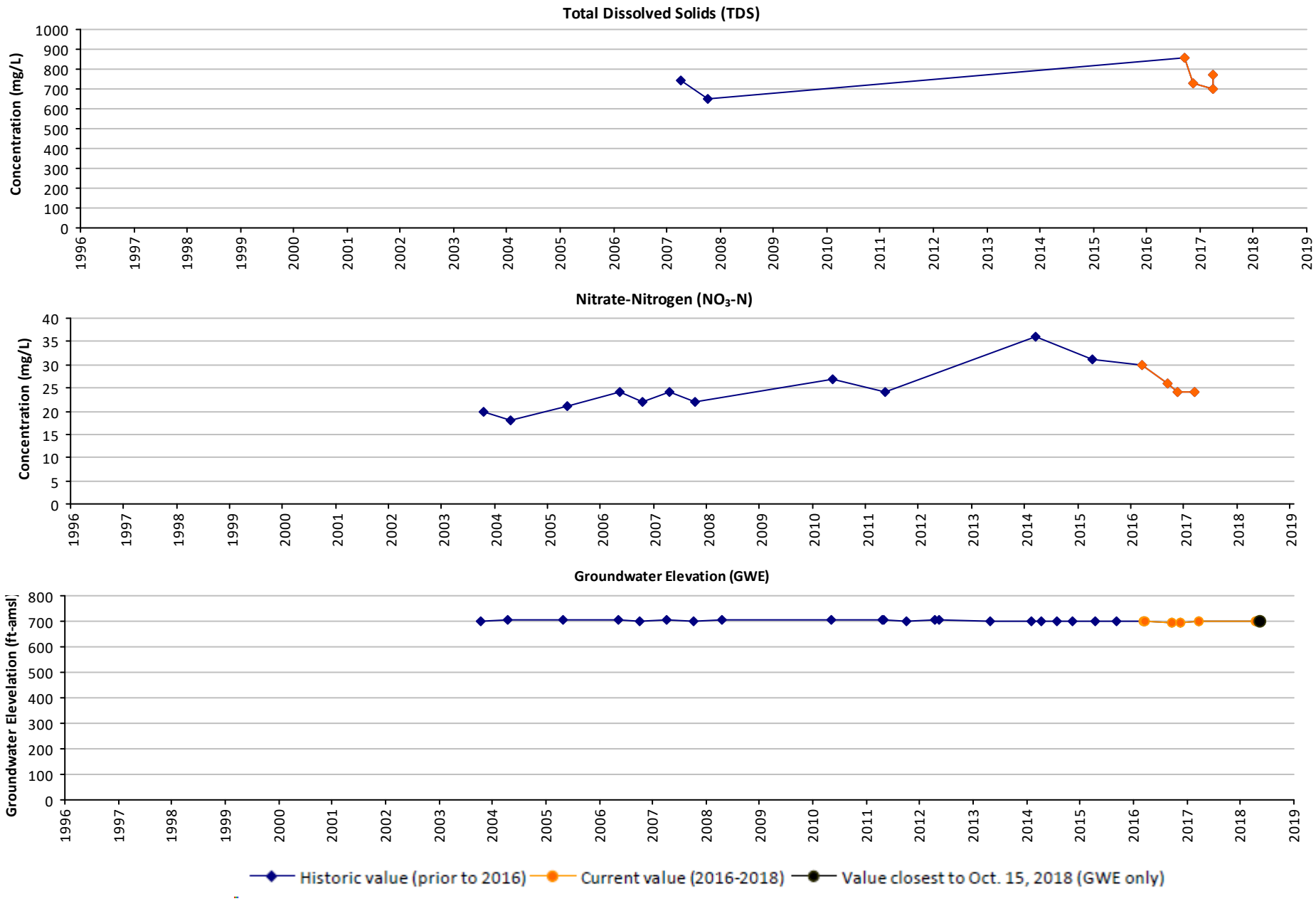
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

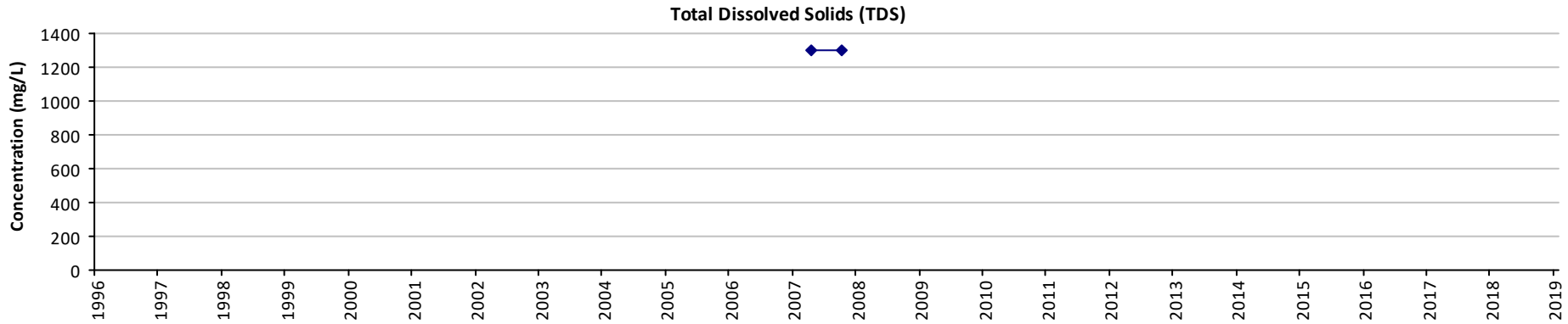

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
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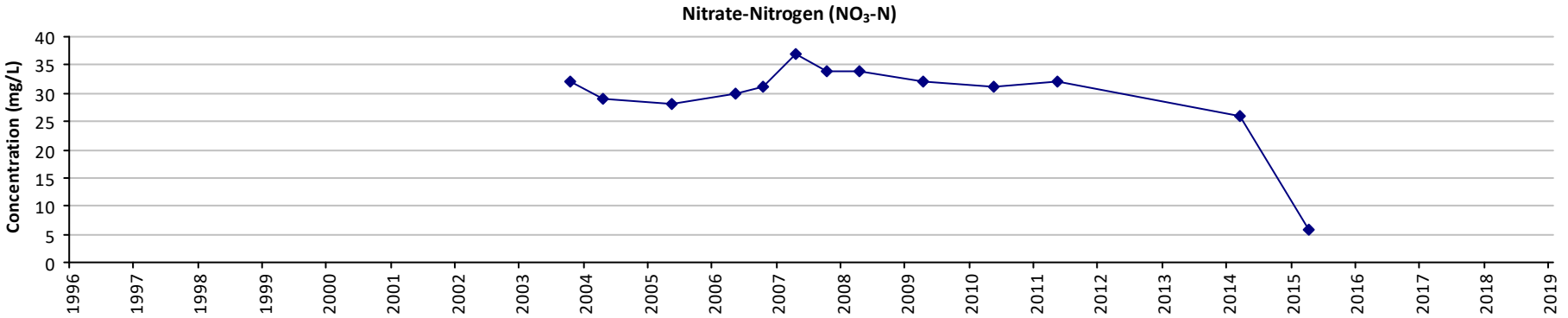
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
1996
1997
1998
1999
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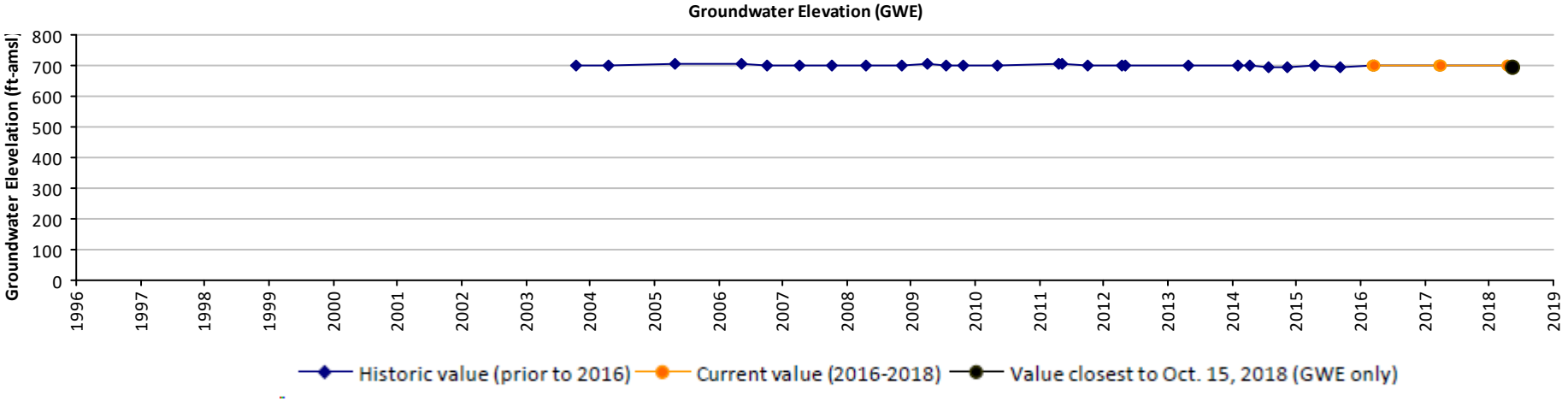
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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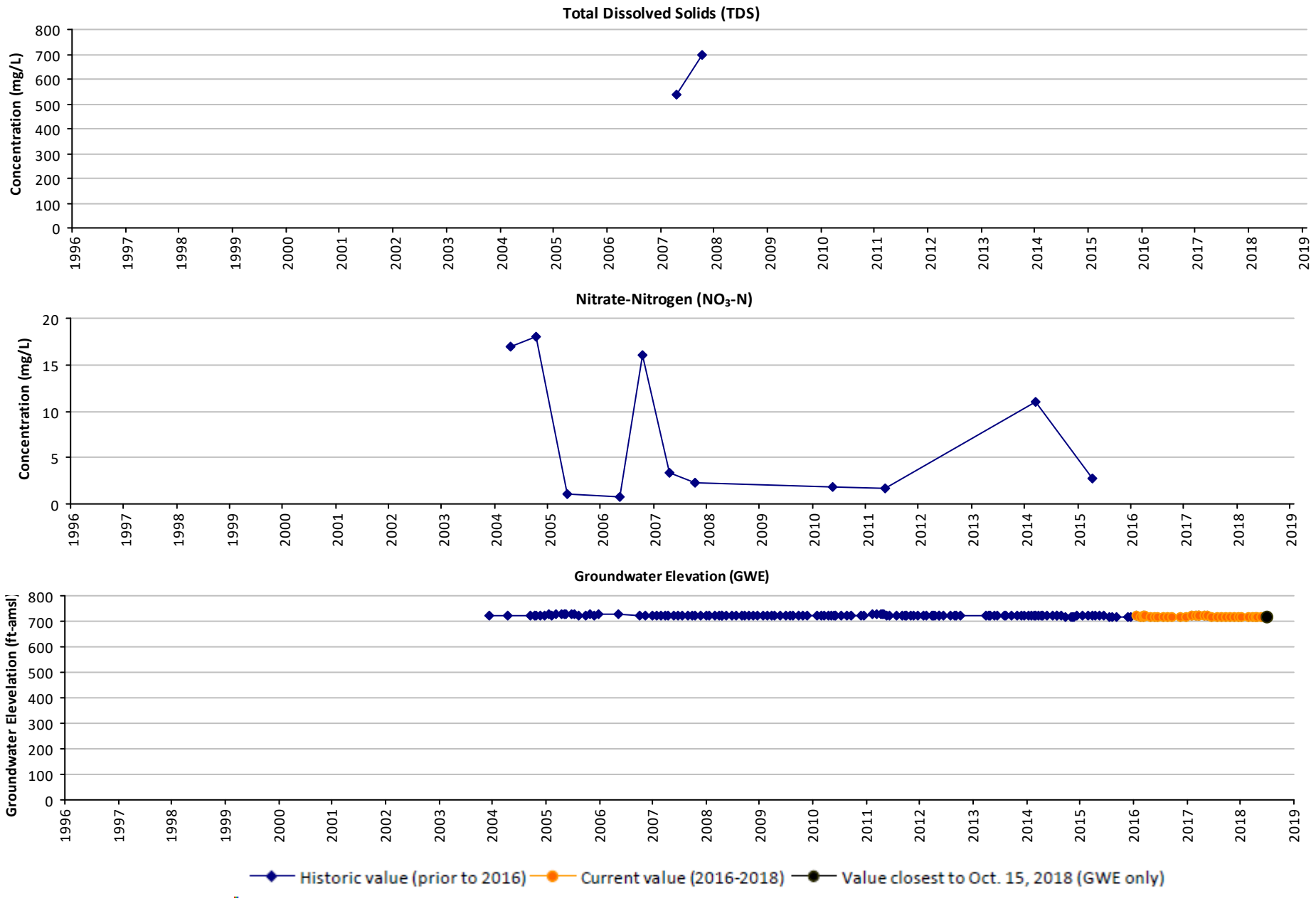
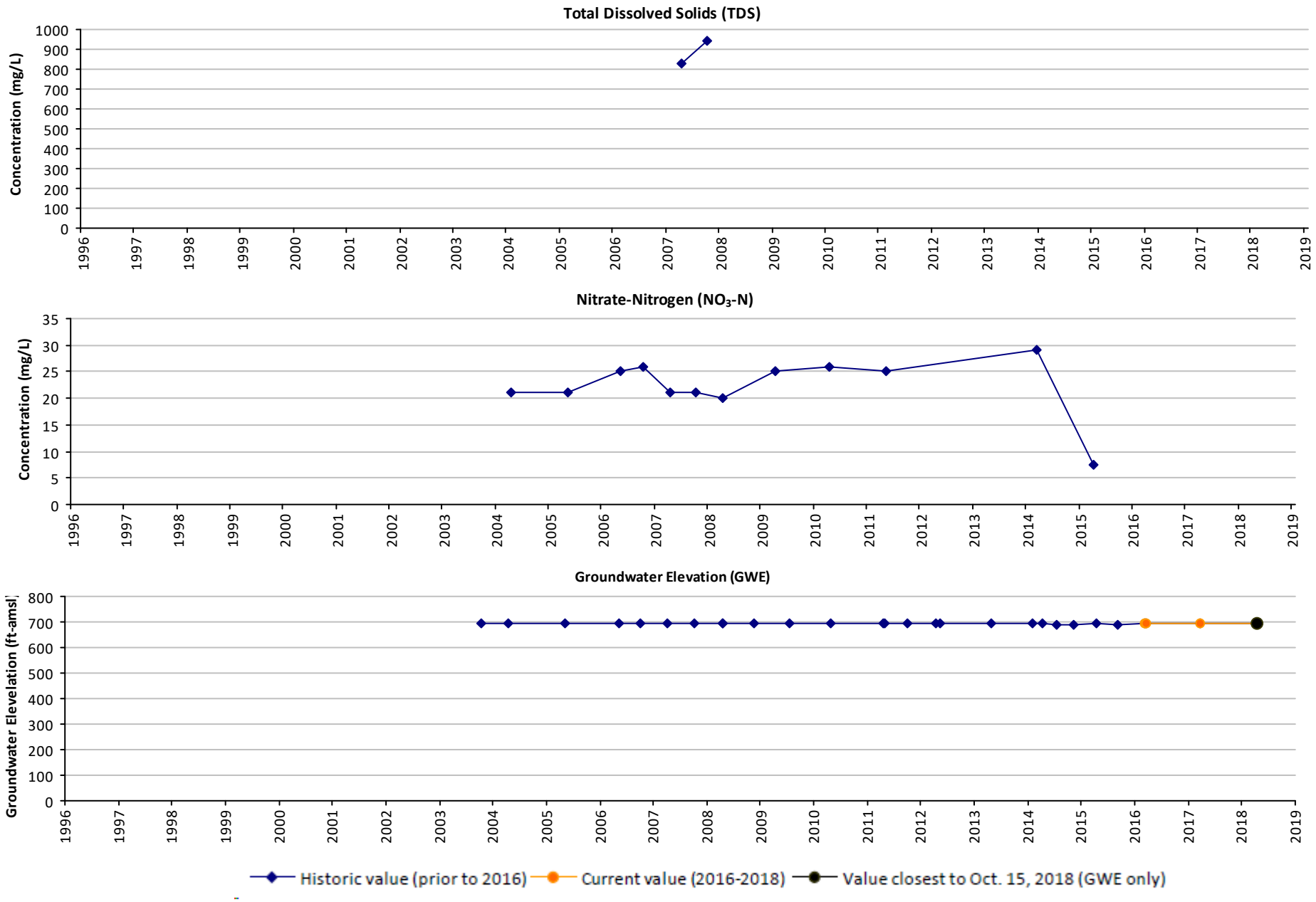
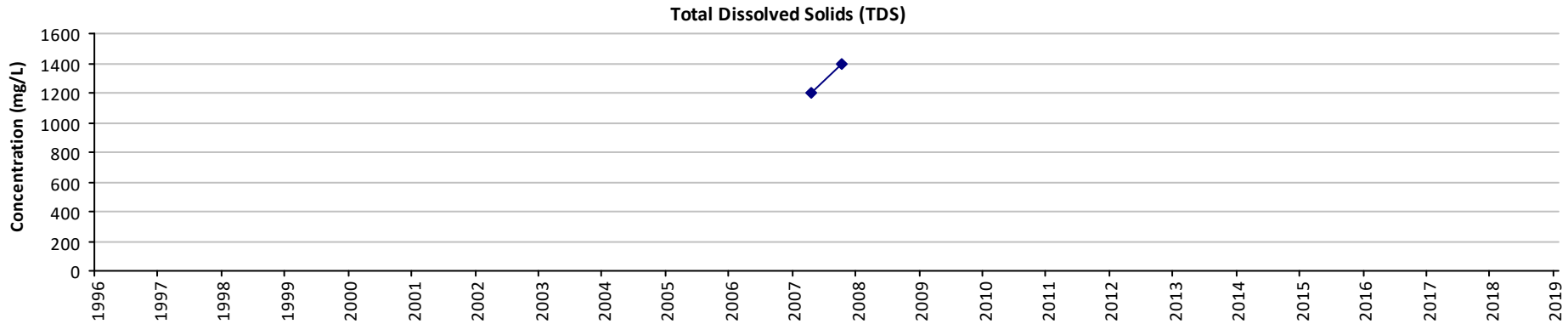
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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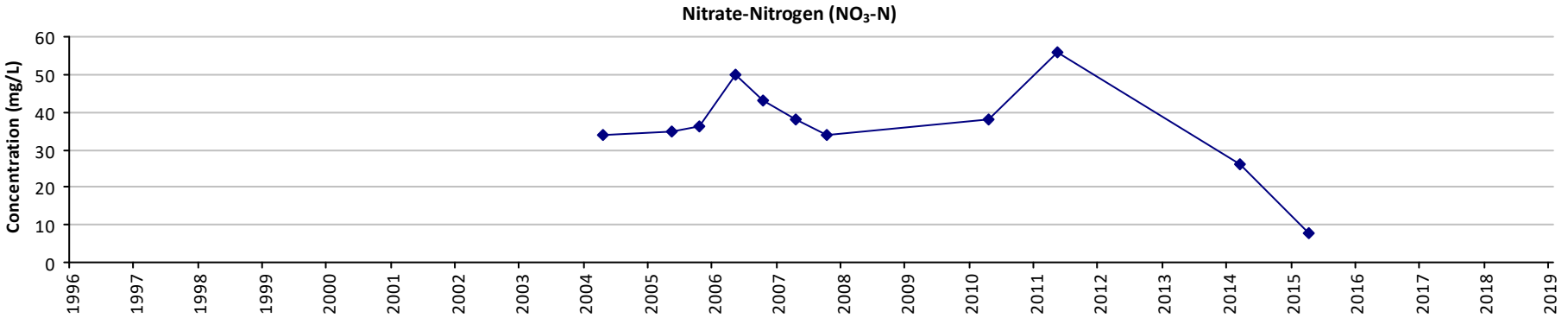
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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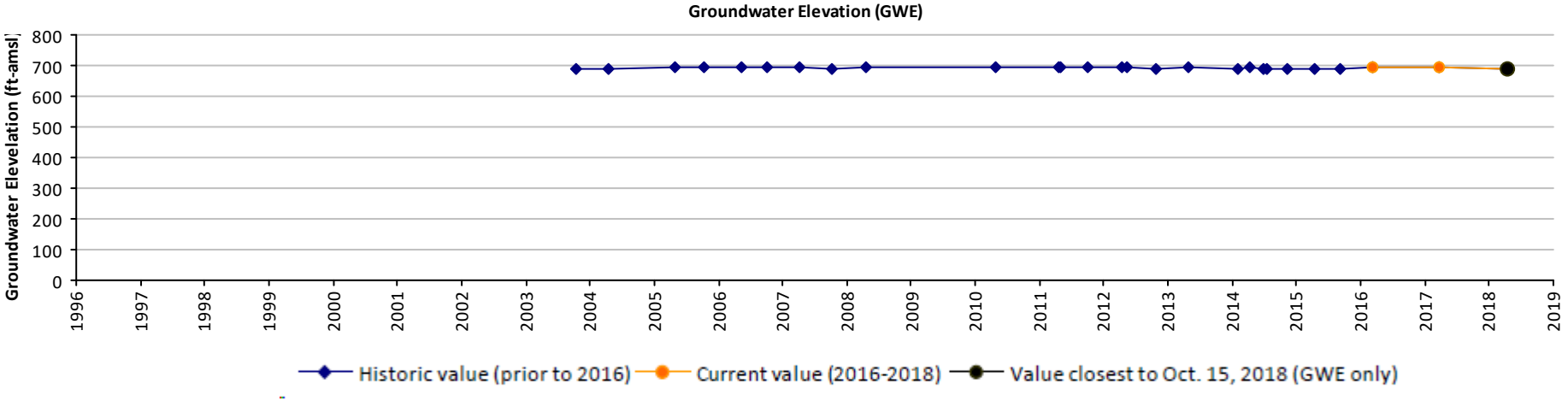
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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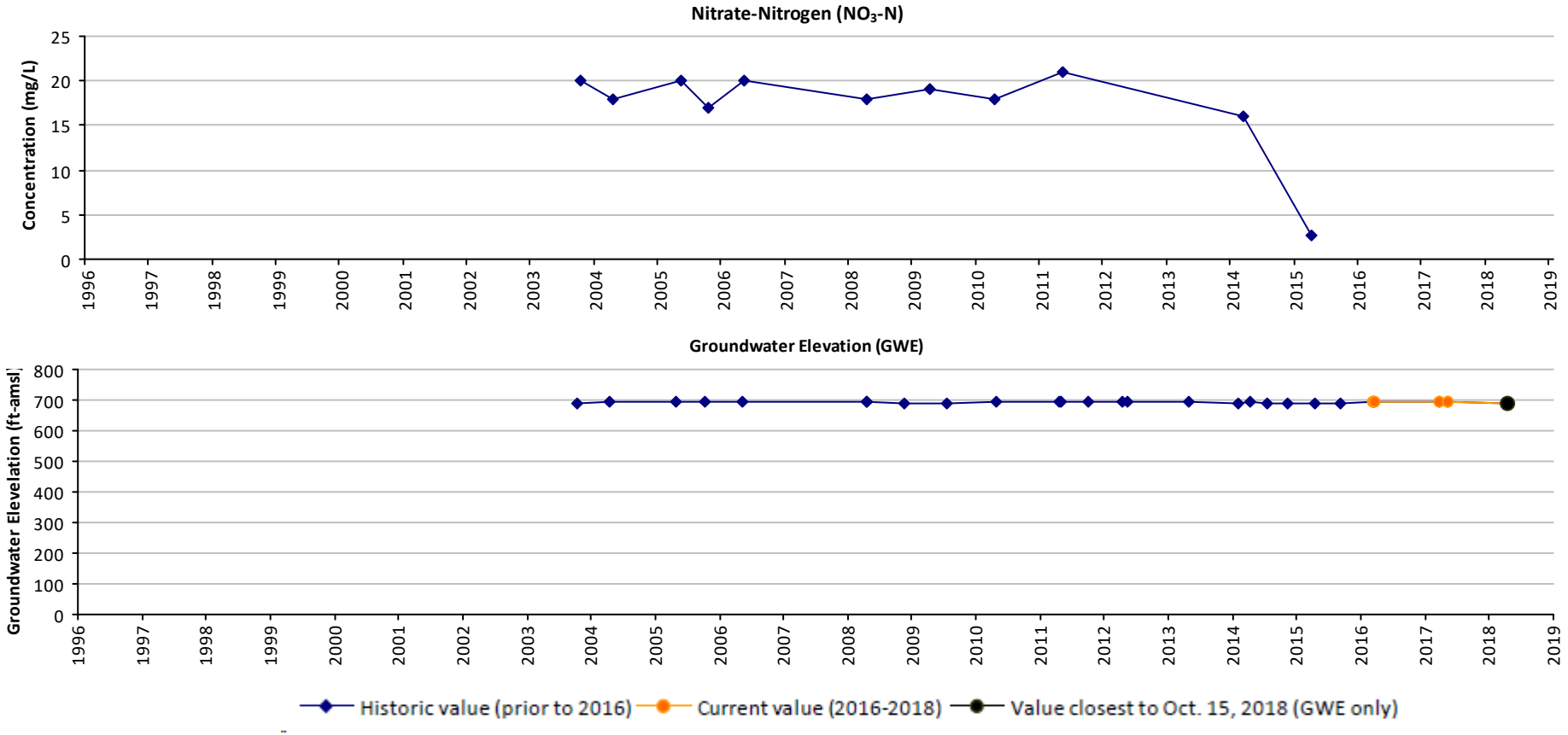
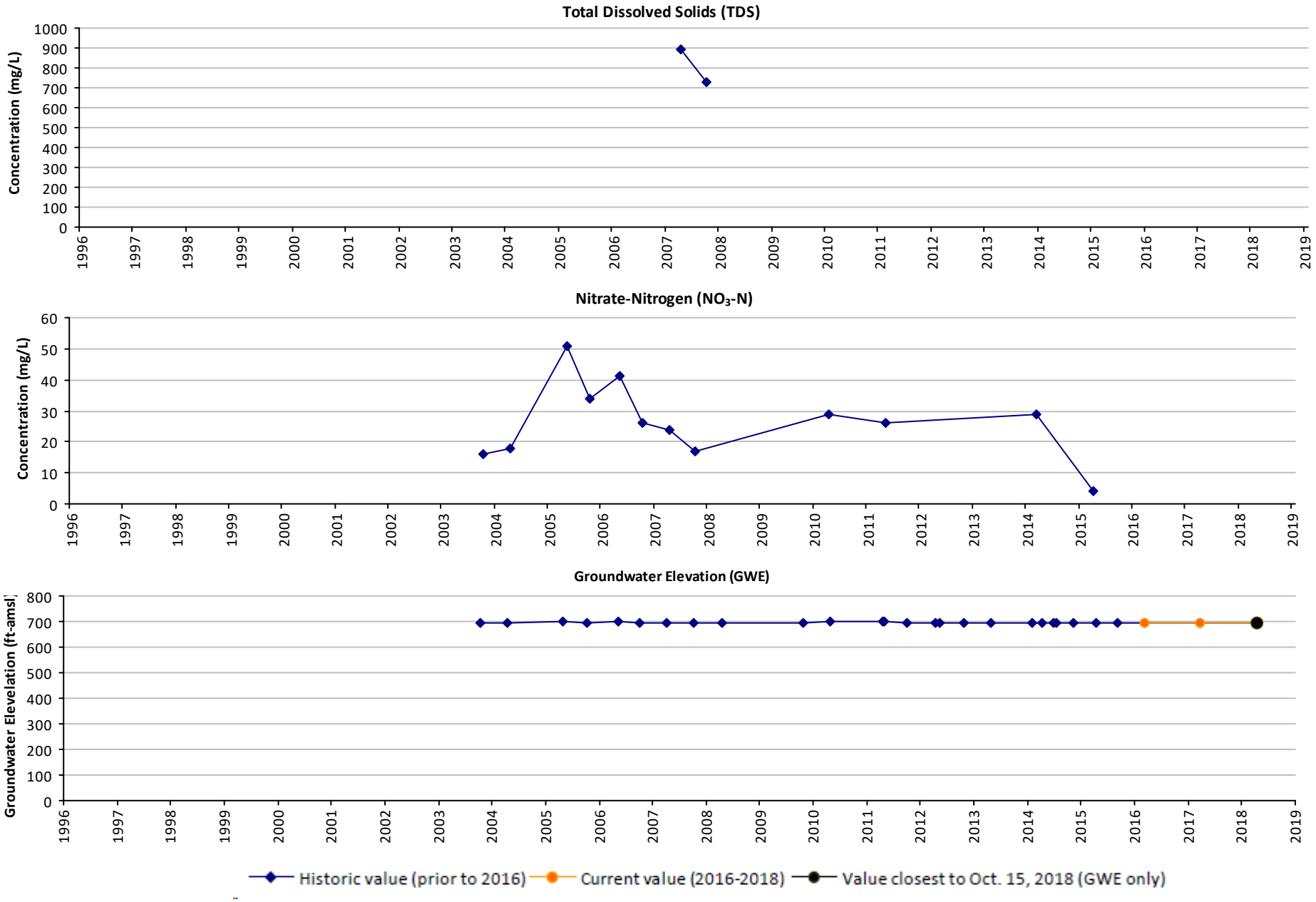
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

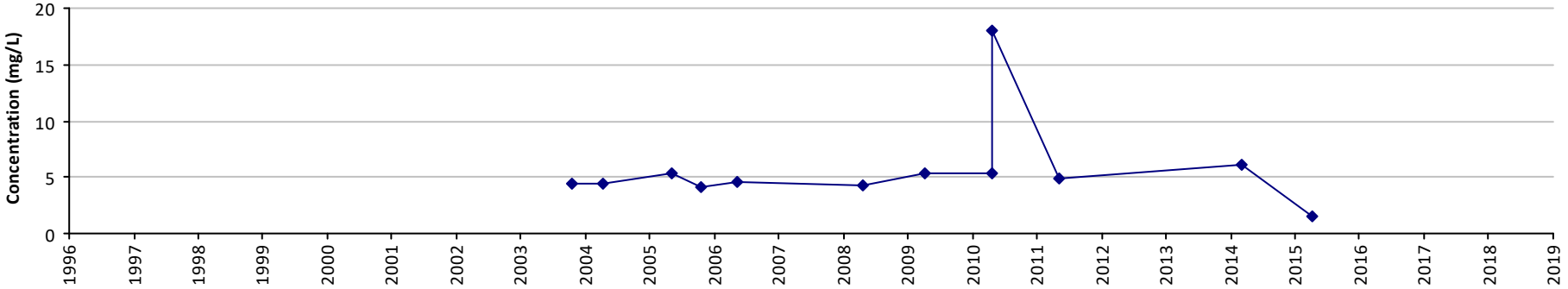
Total Dissolved Solids (TDS)



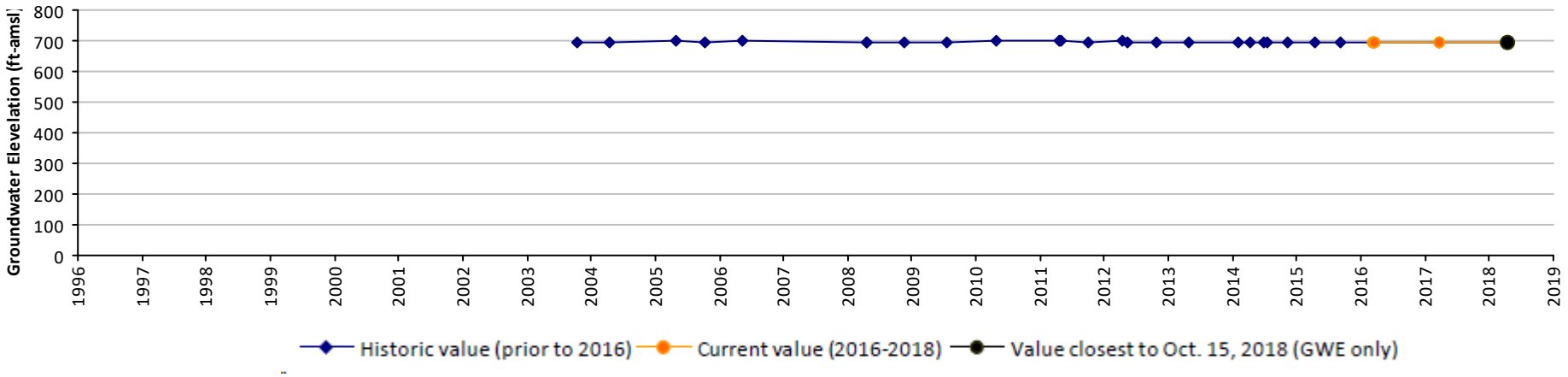

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

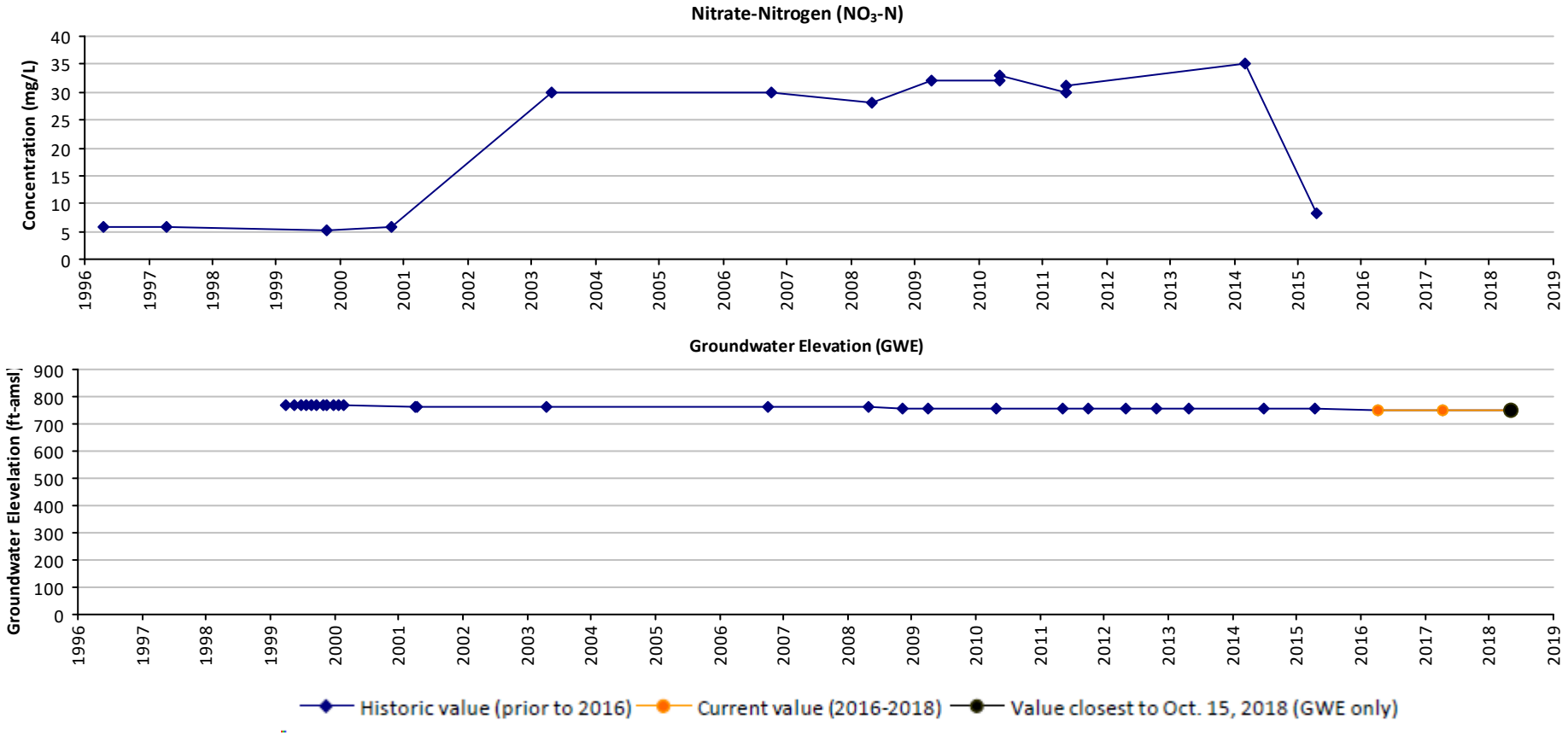
Nitrate-Nitrogen (NO_3-N)

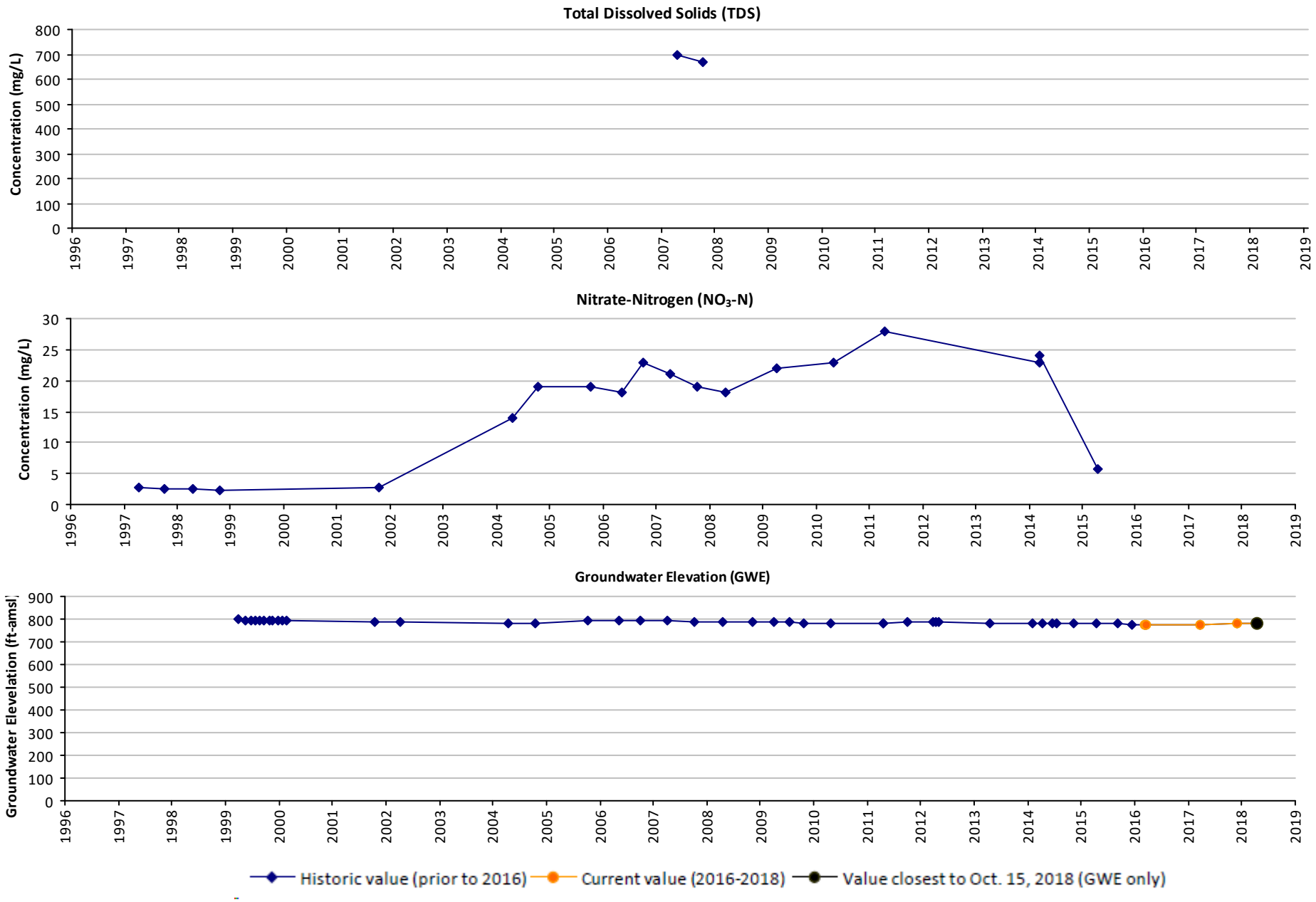


Groundwater Elevation (GWE)

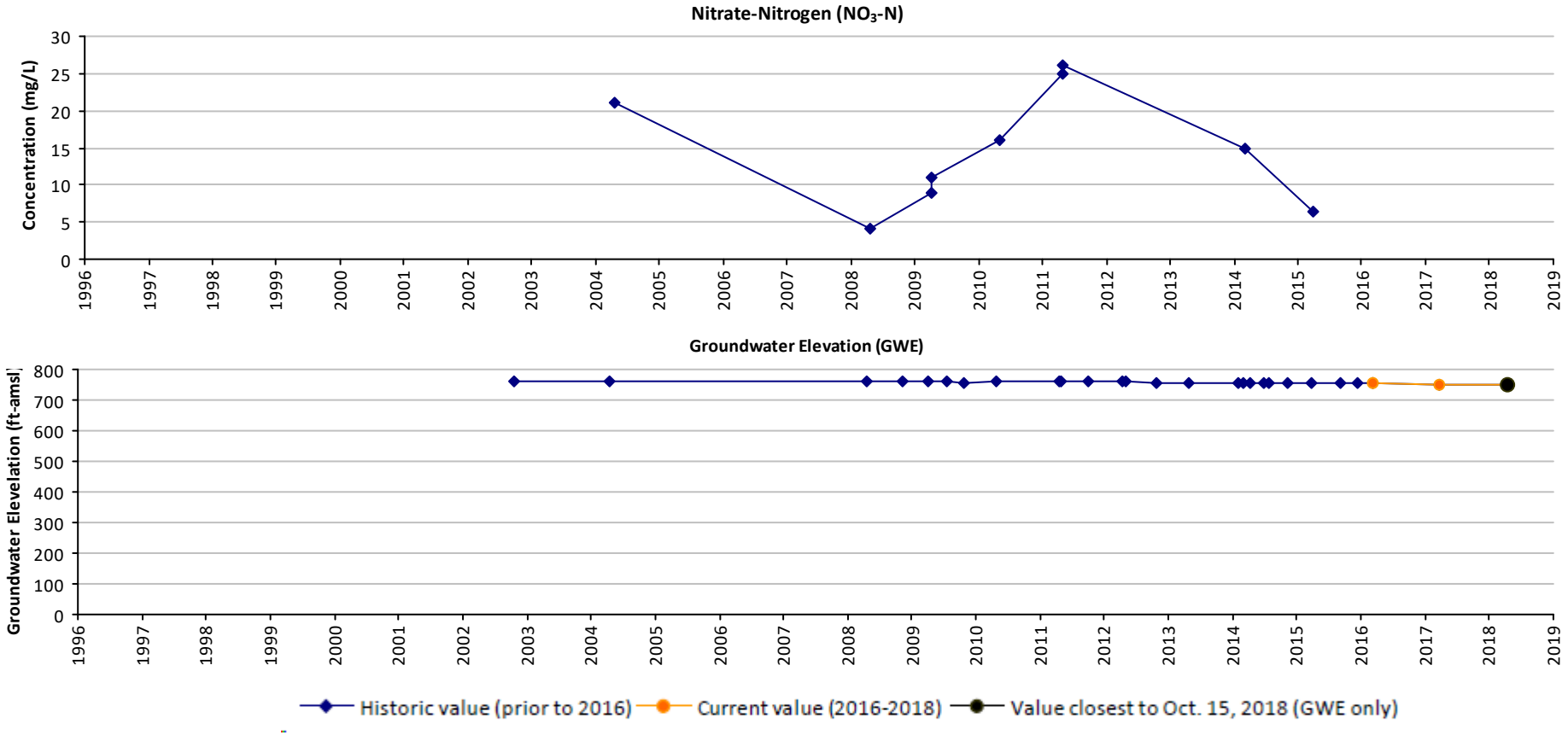


Total Dissolved Solids (TDS)

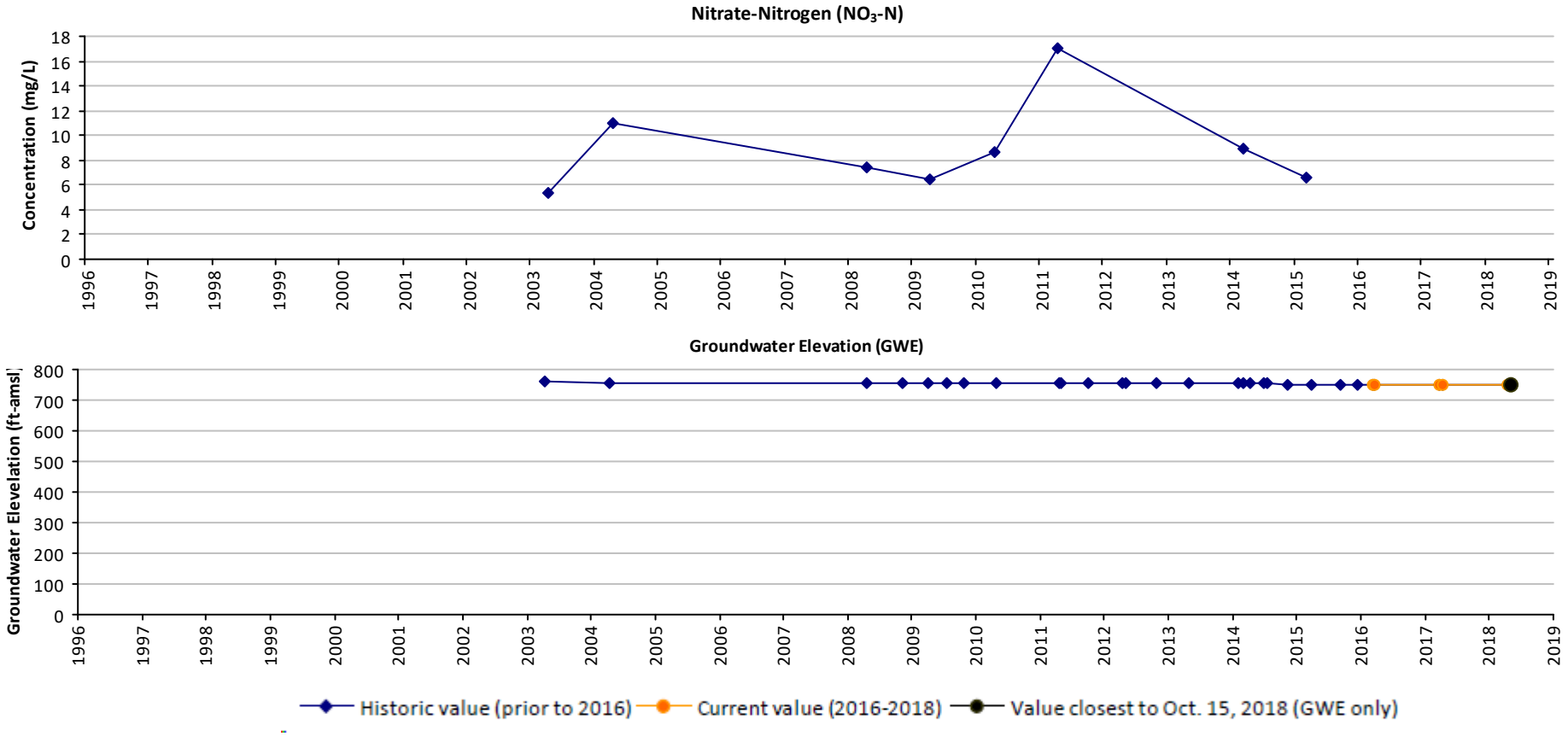


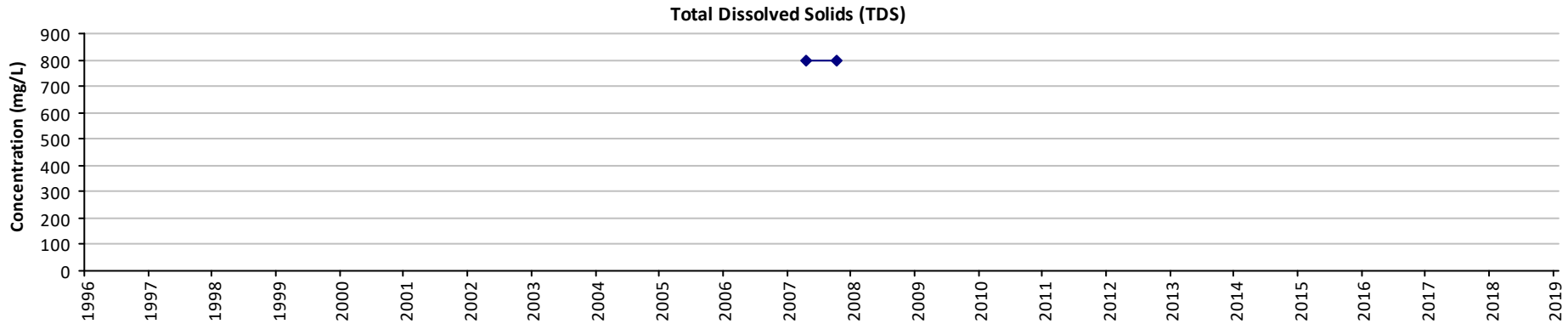

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
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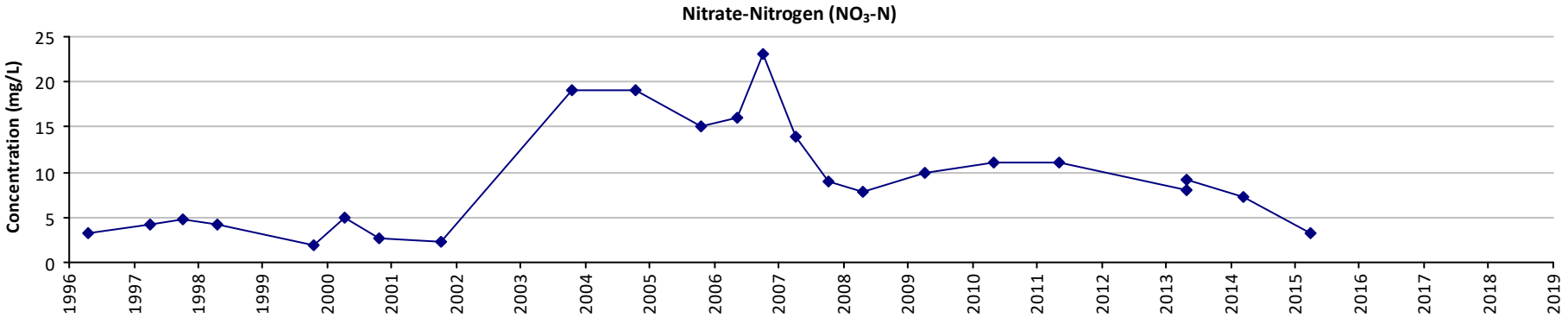
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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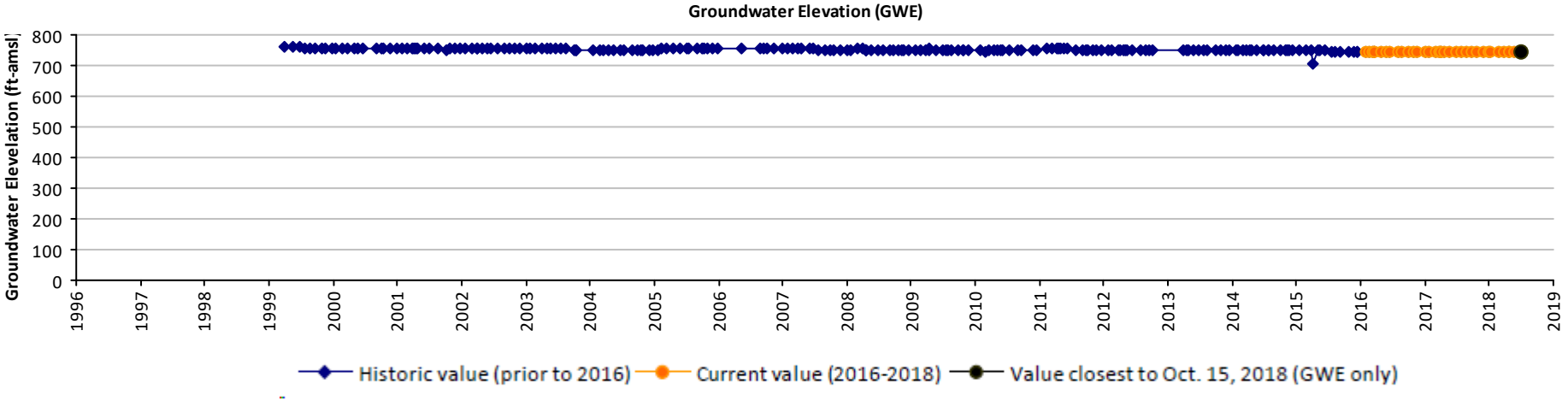
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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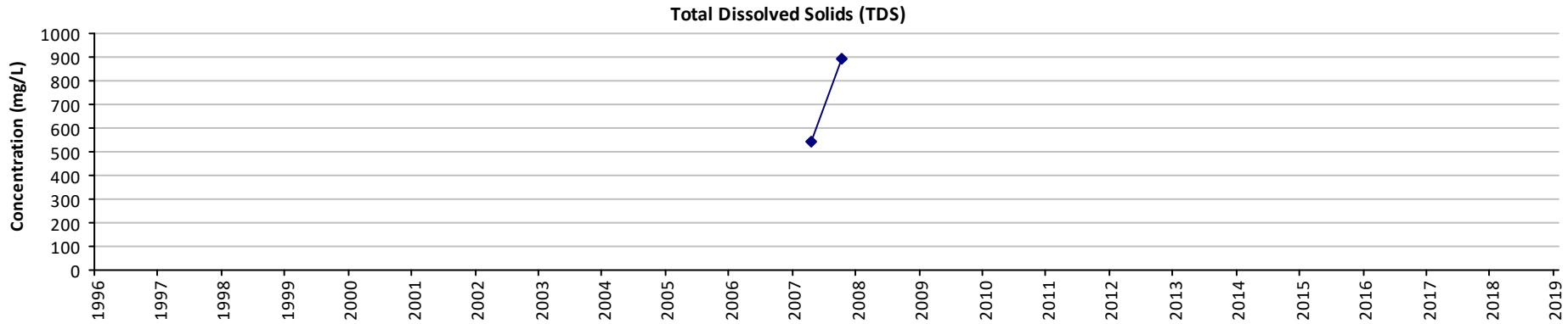
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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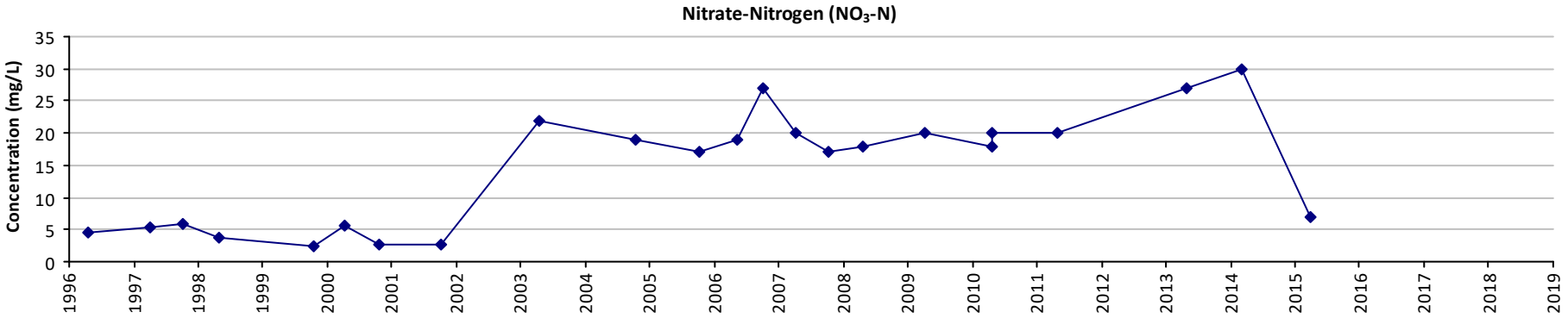
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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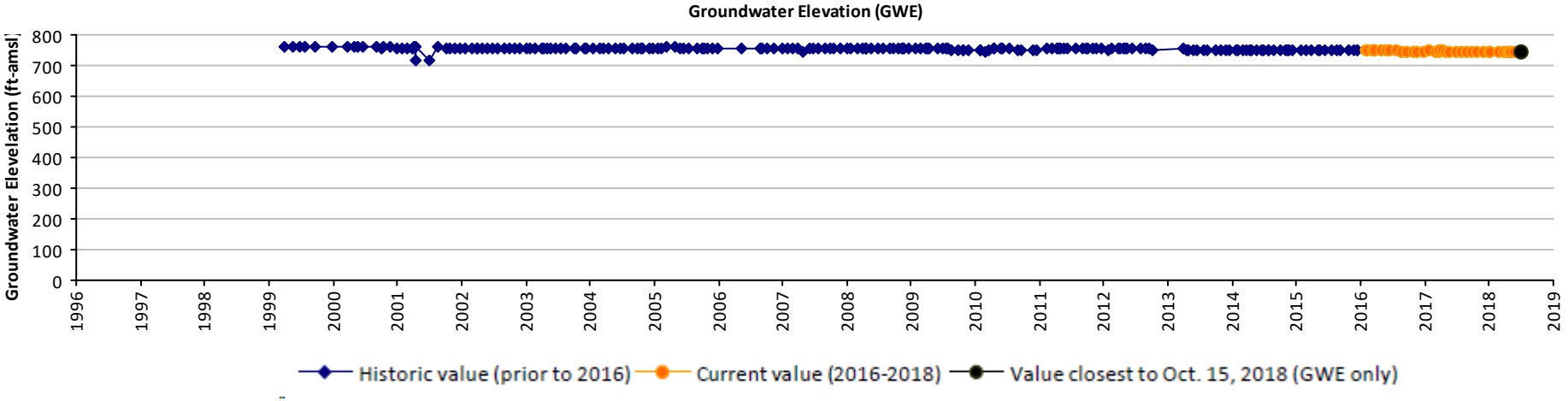
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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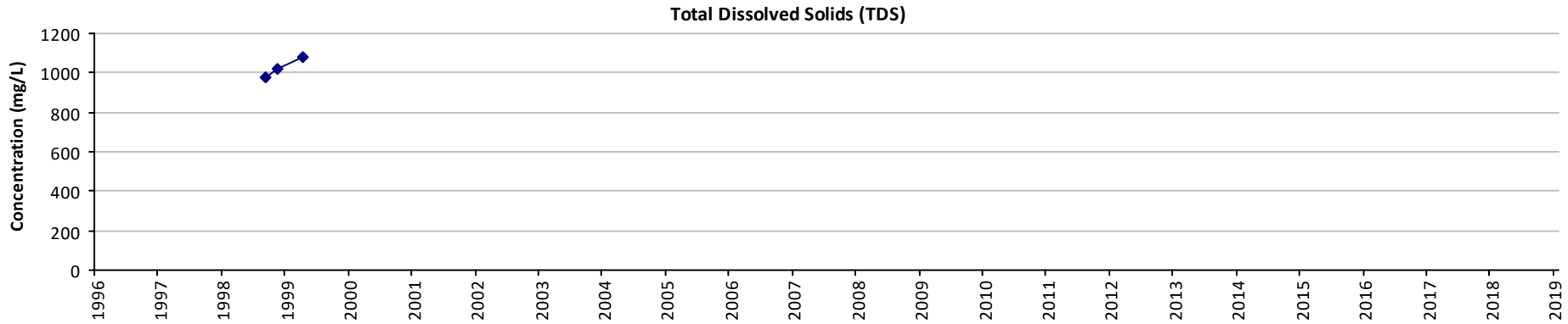
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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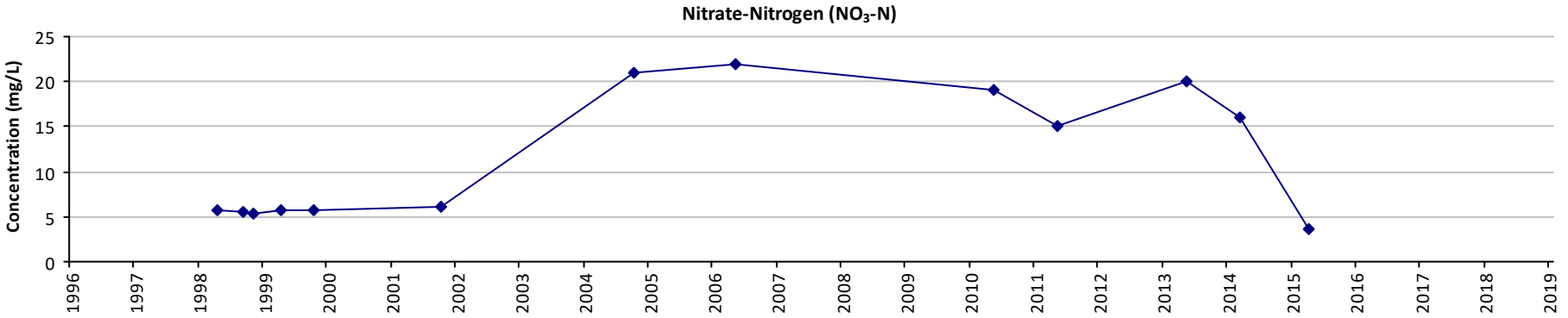
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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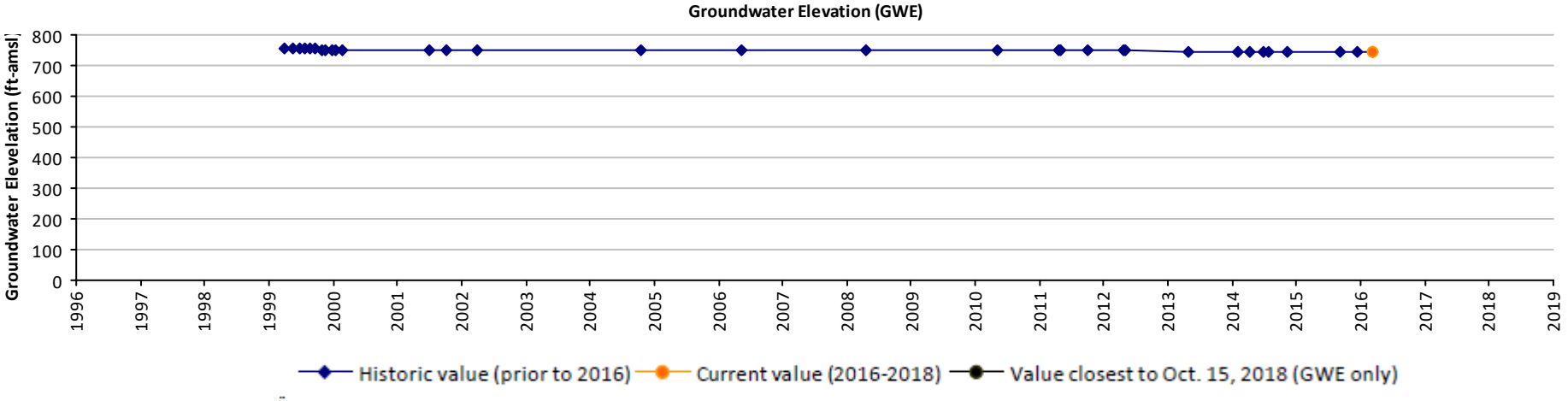
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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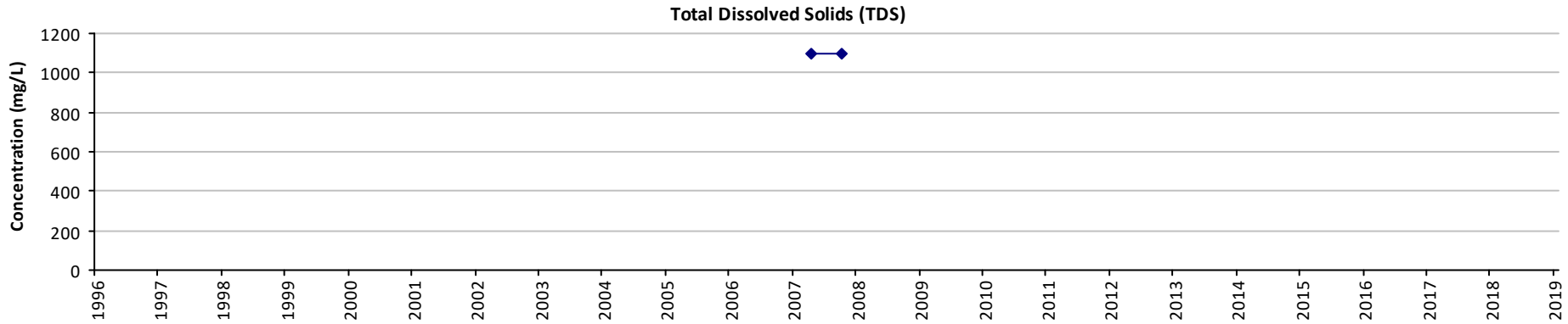
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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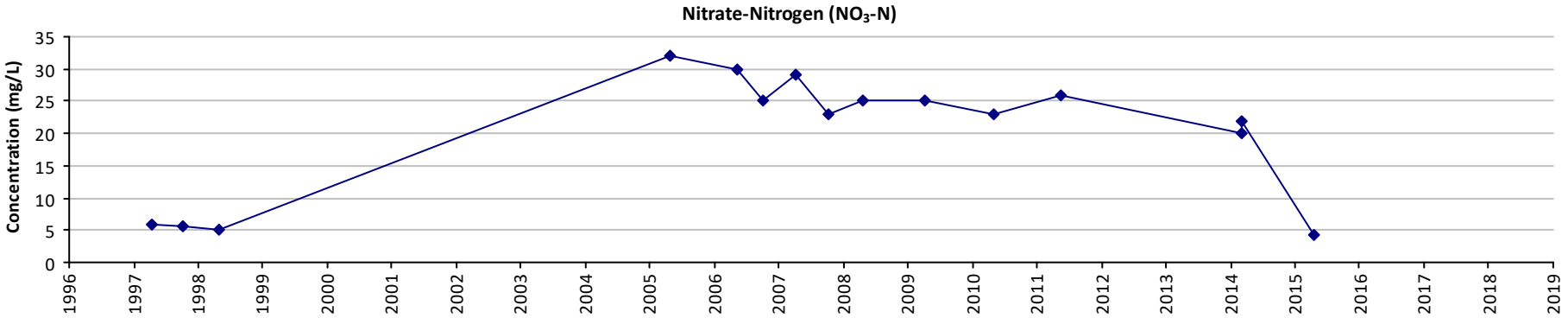
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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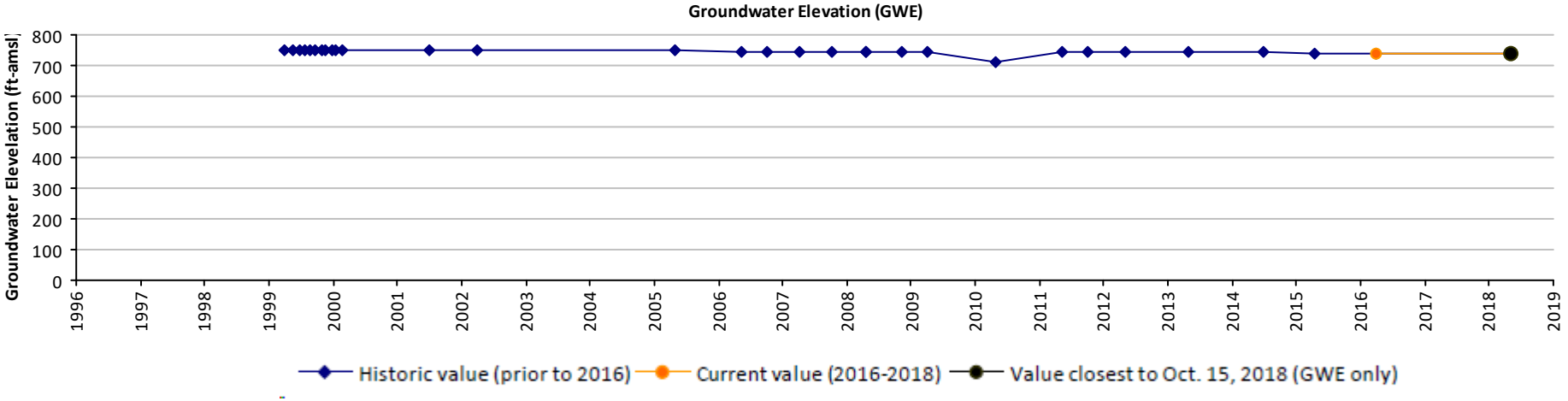
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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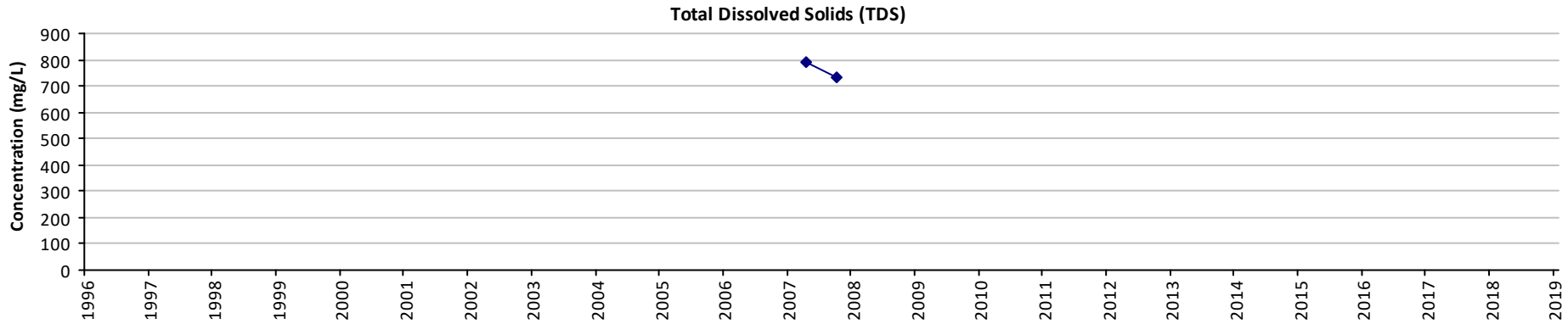
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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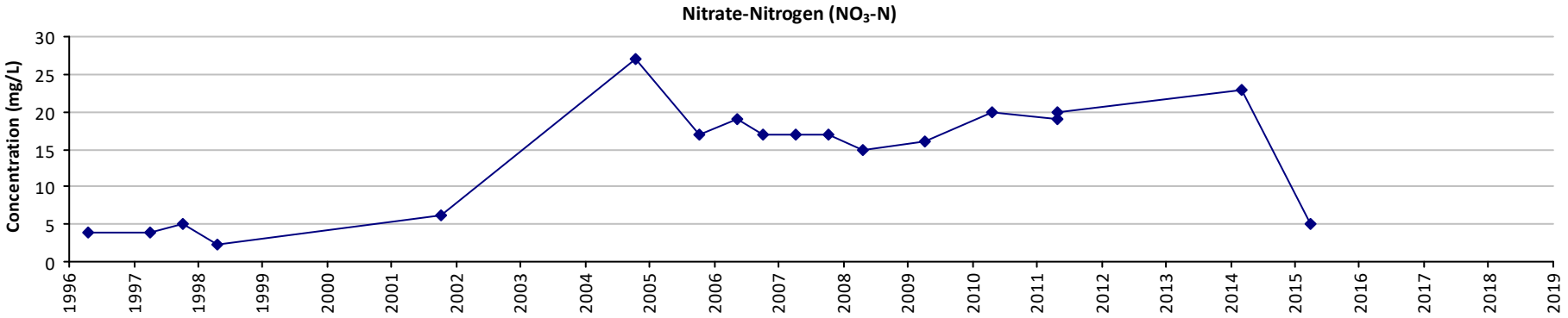
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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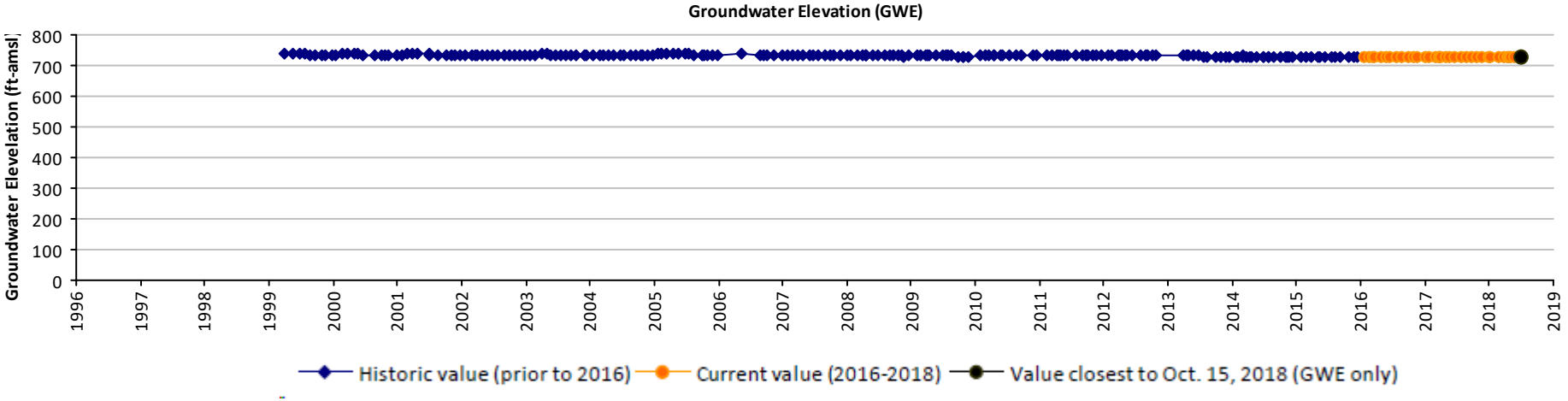
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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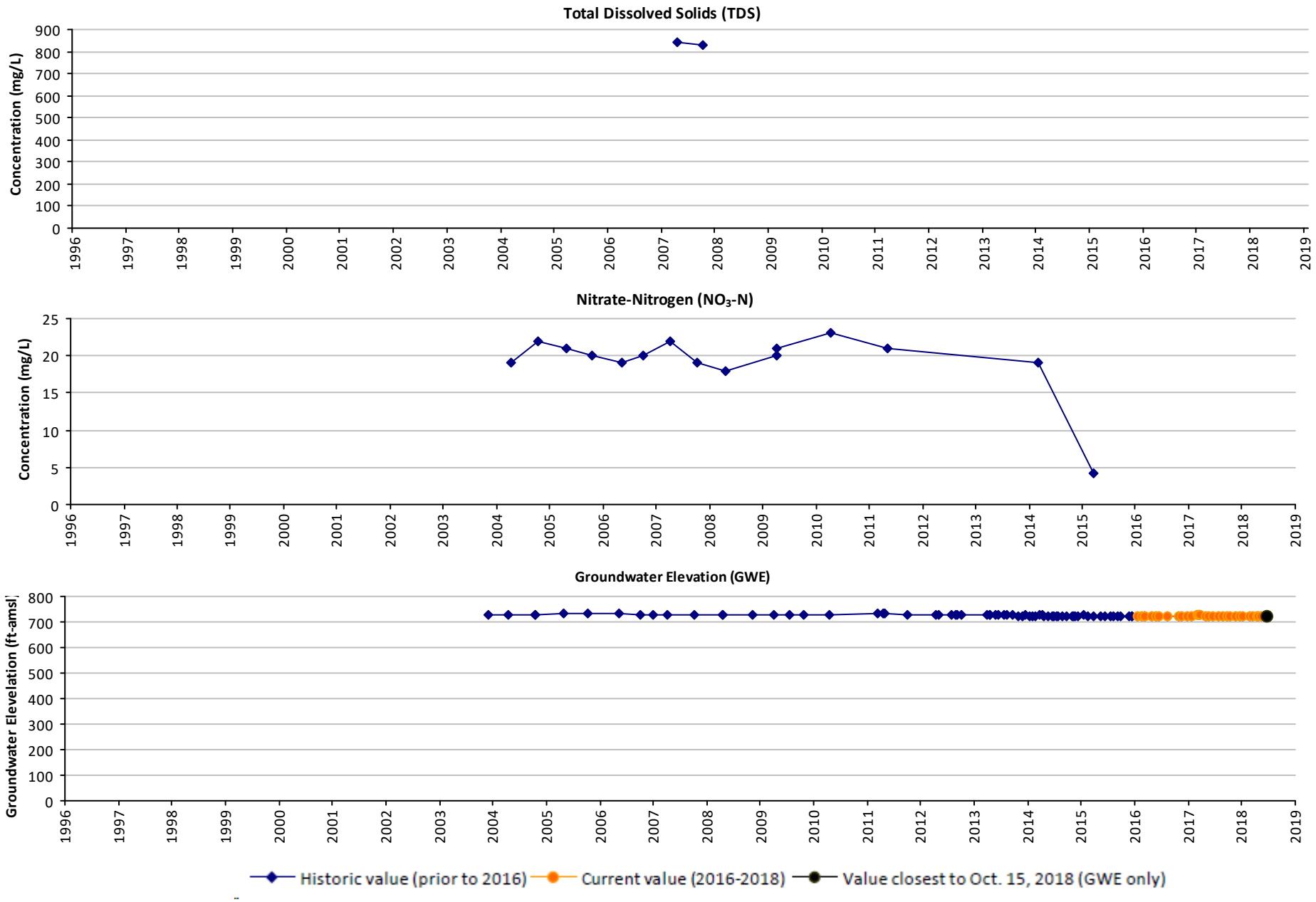
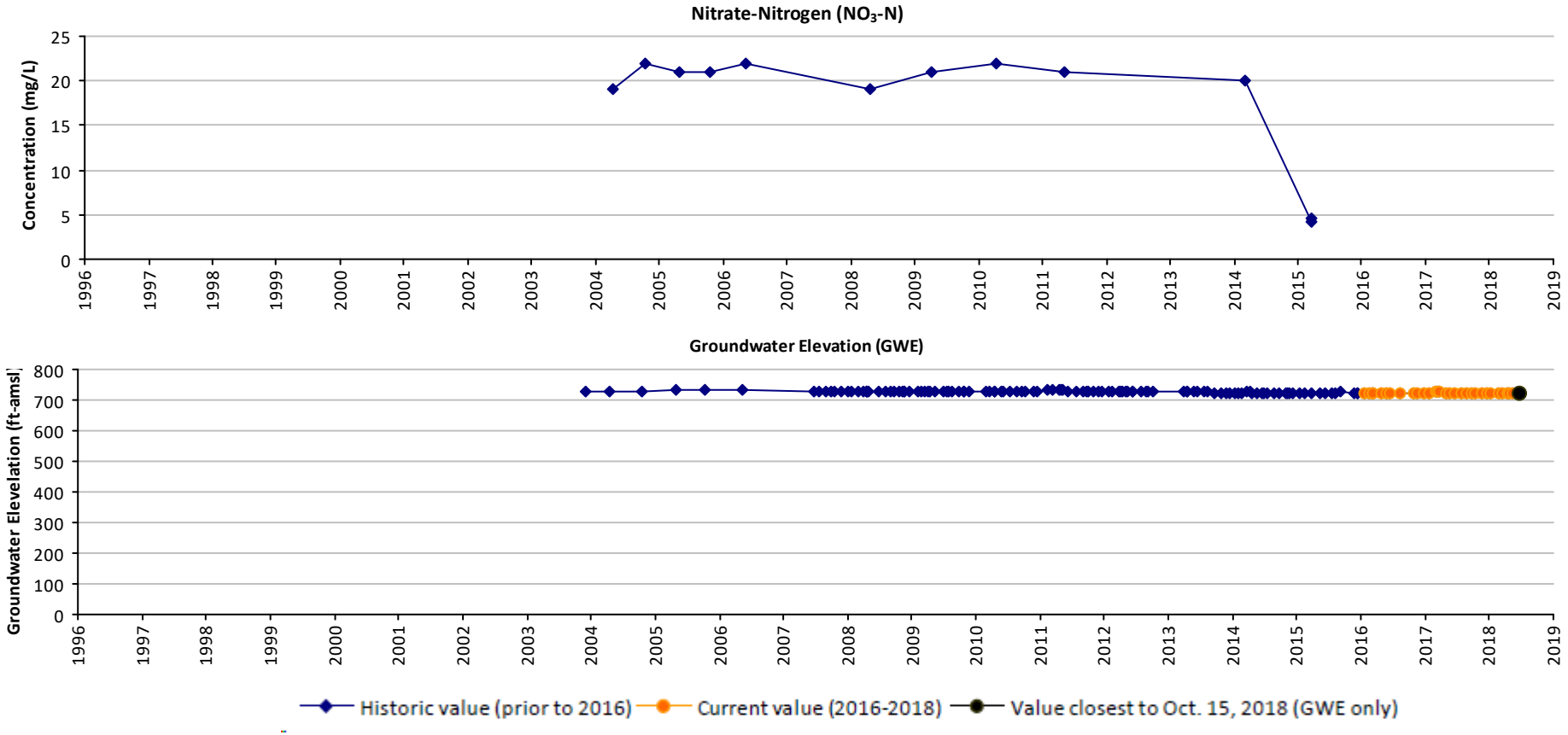
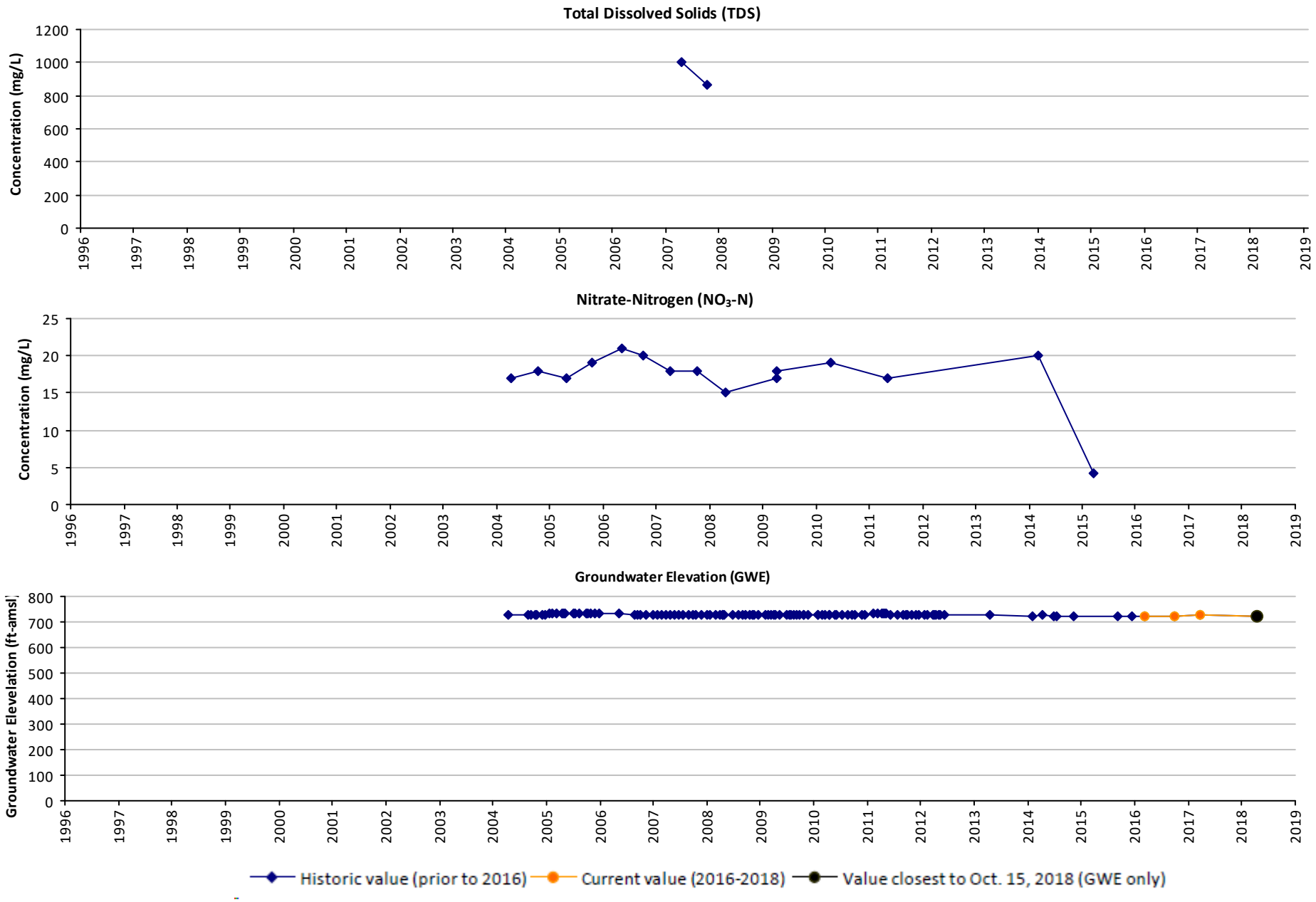
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

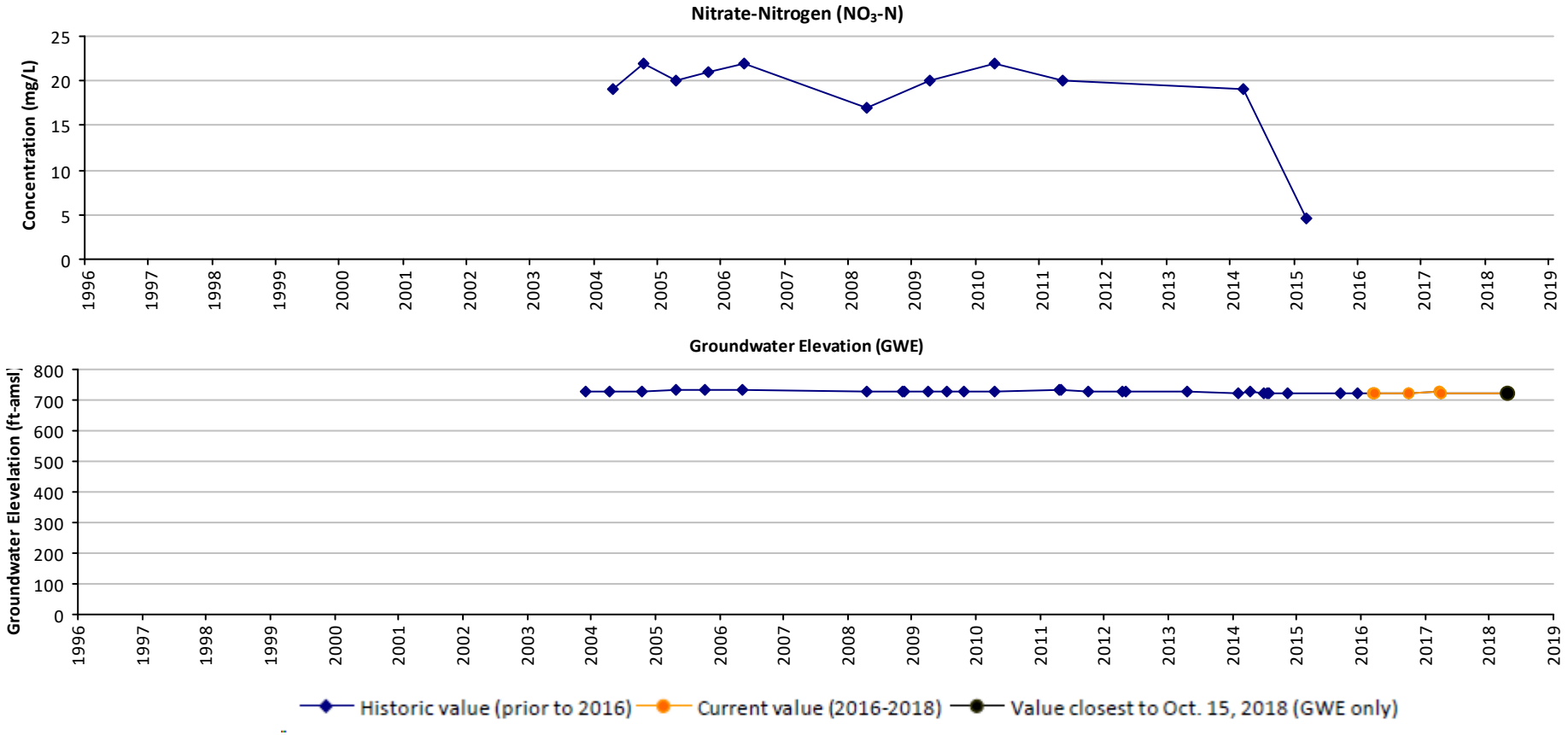

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

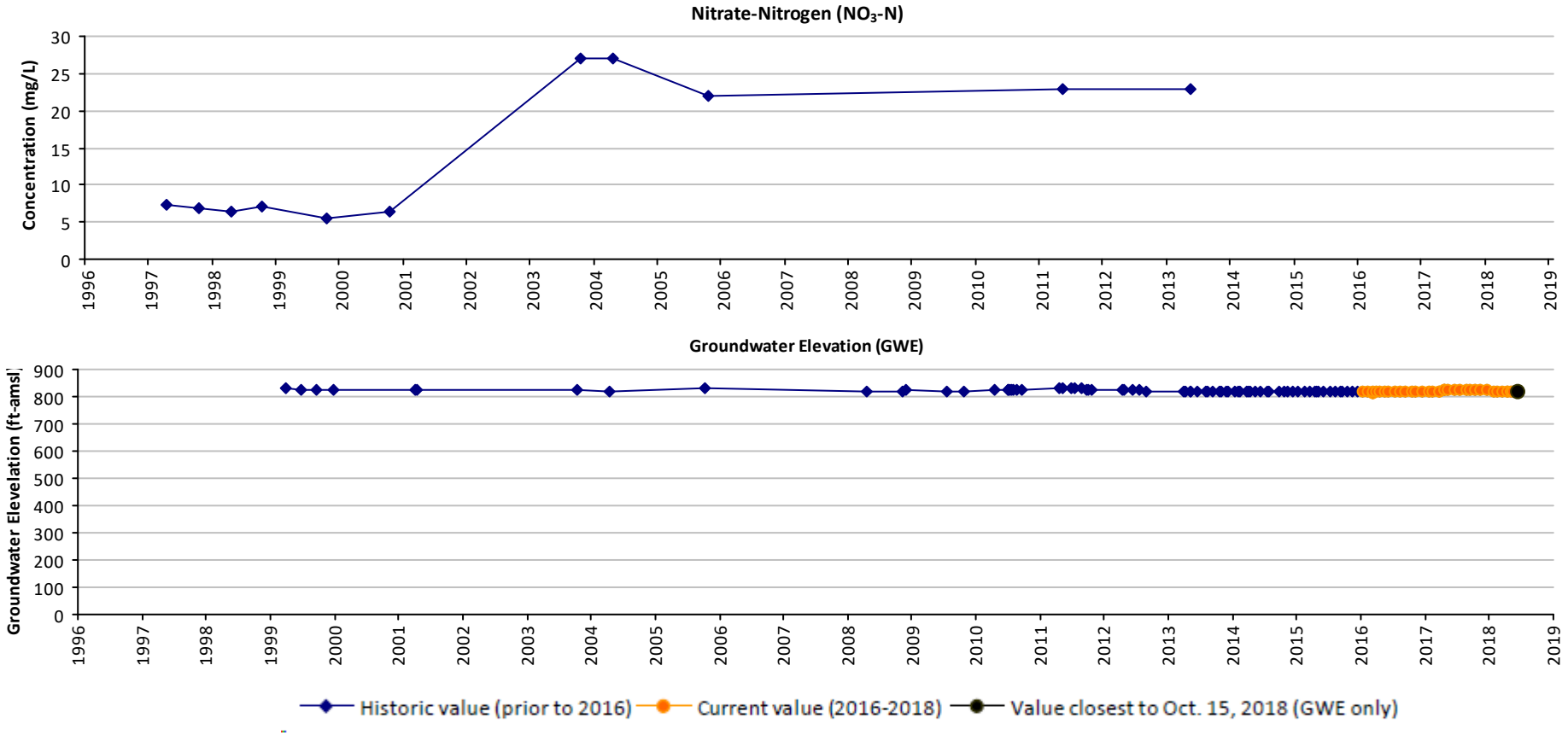



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

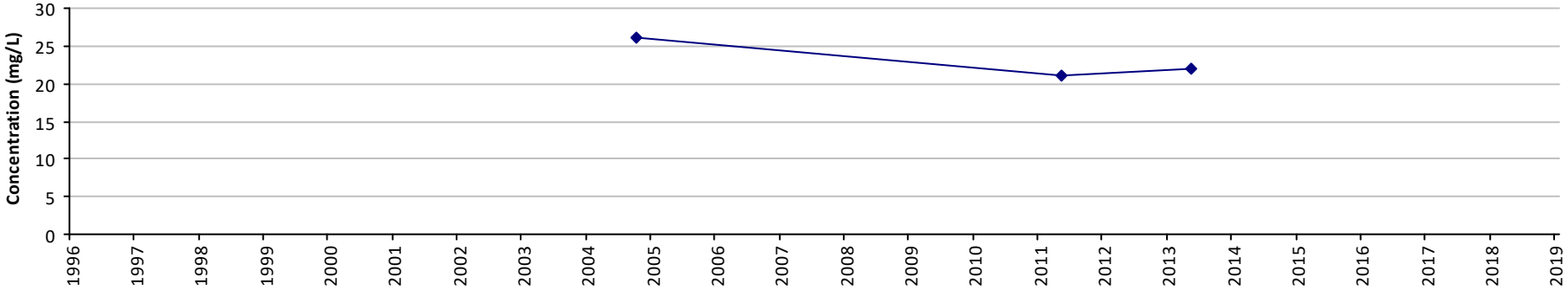


Total Dissolved Solids (TDS)

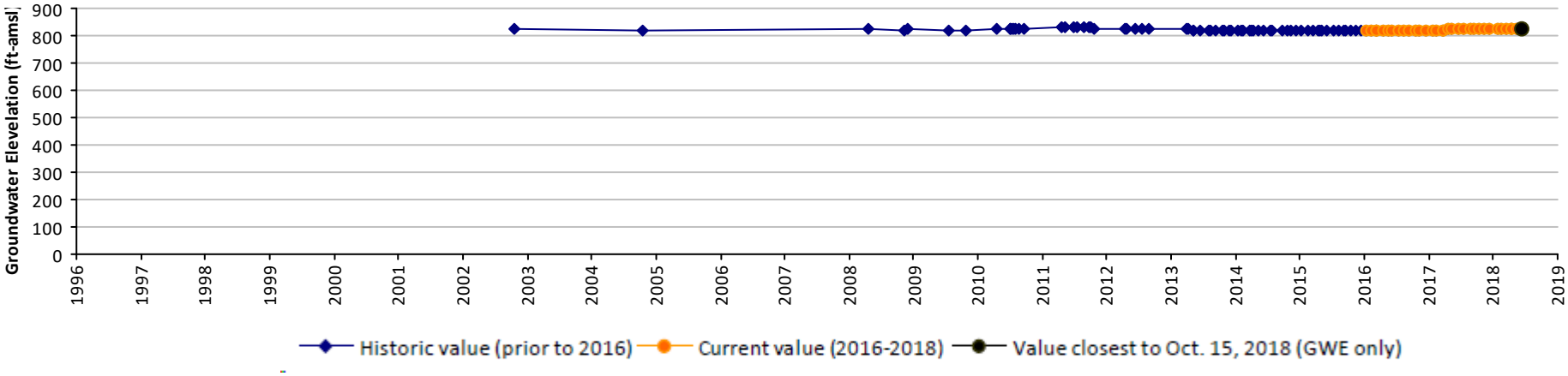


Total Dissolved Solids (TDS)

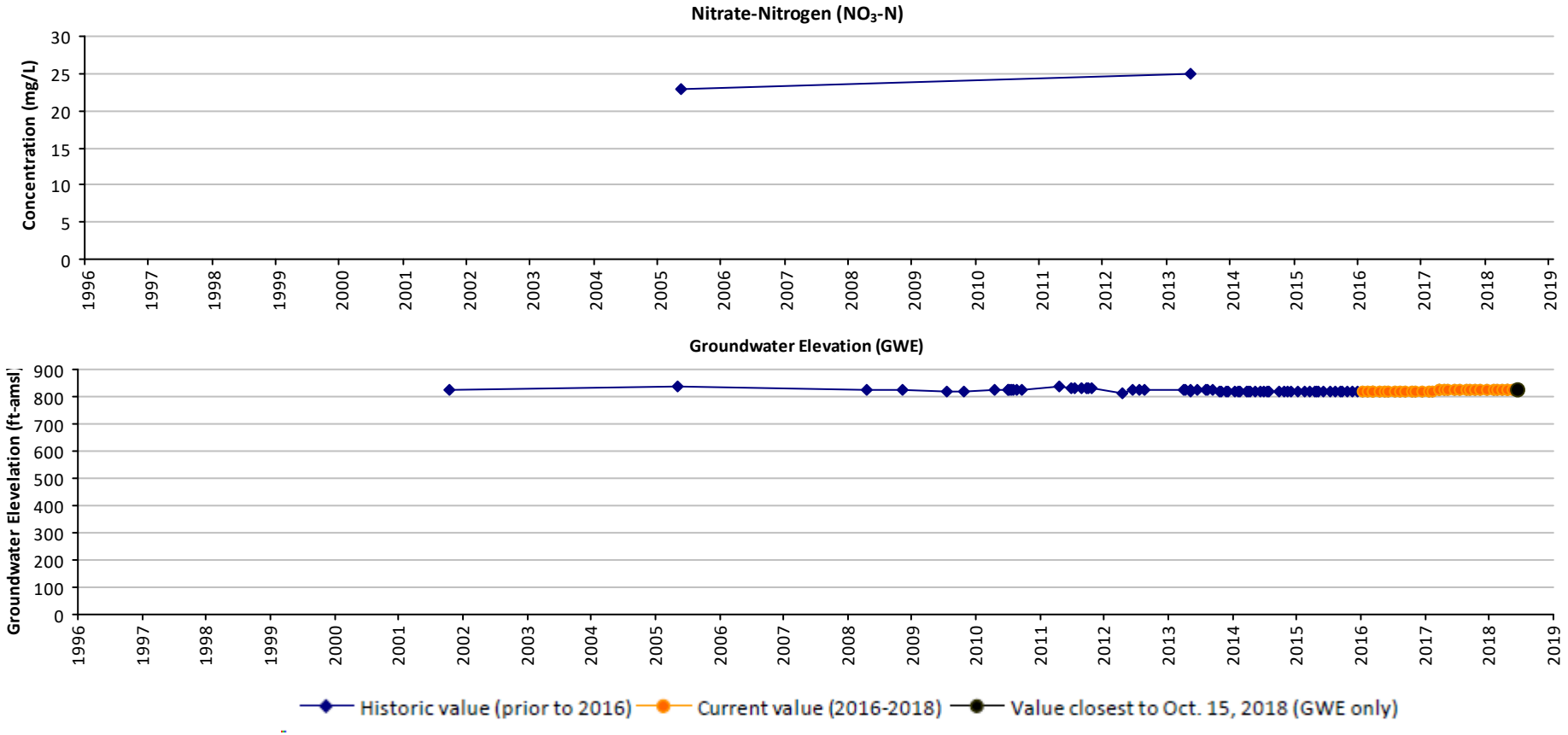
Nitrate-Nitrogen (NO_3-N)



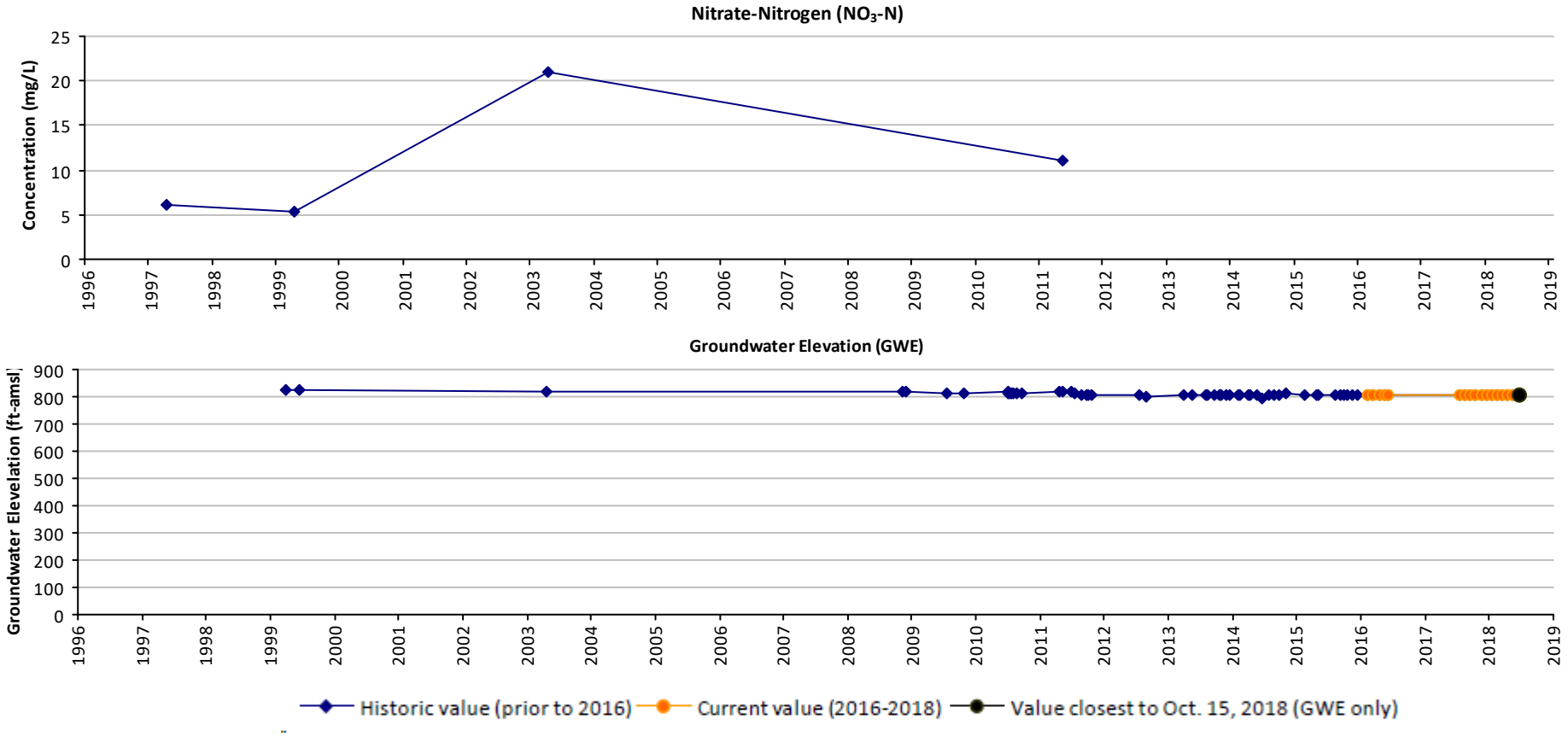
Groundwater Elevation (GWE)



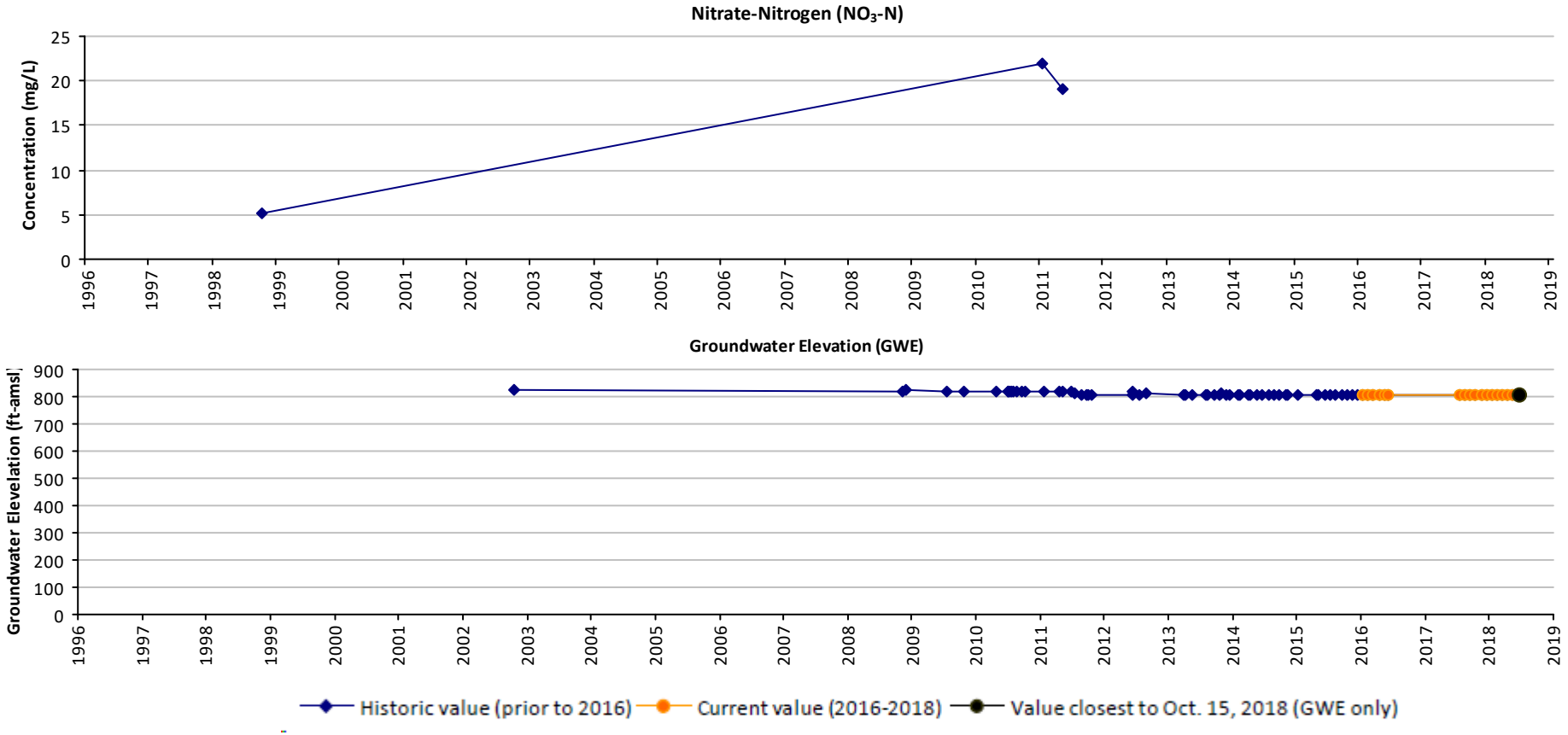
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



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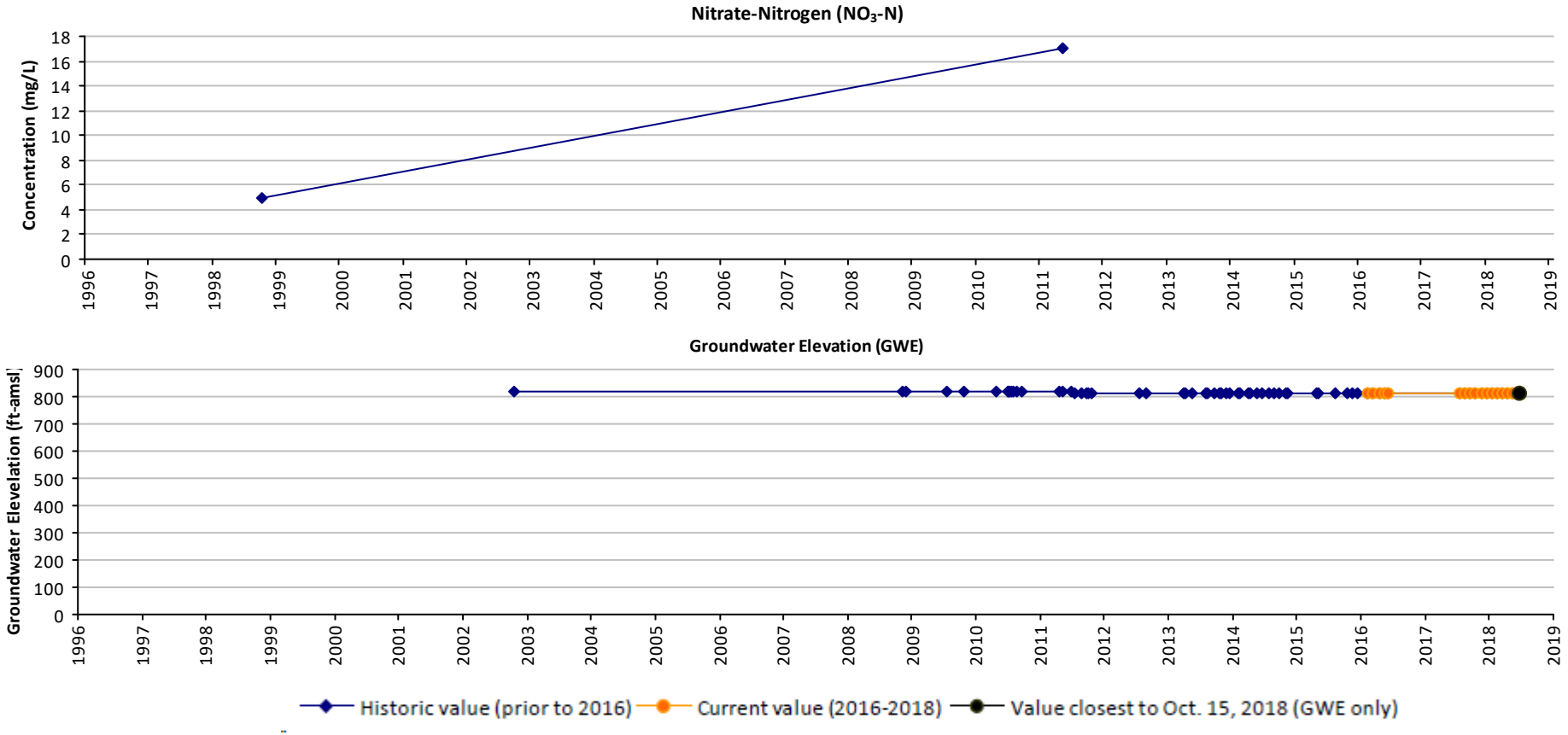

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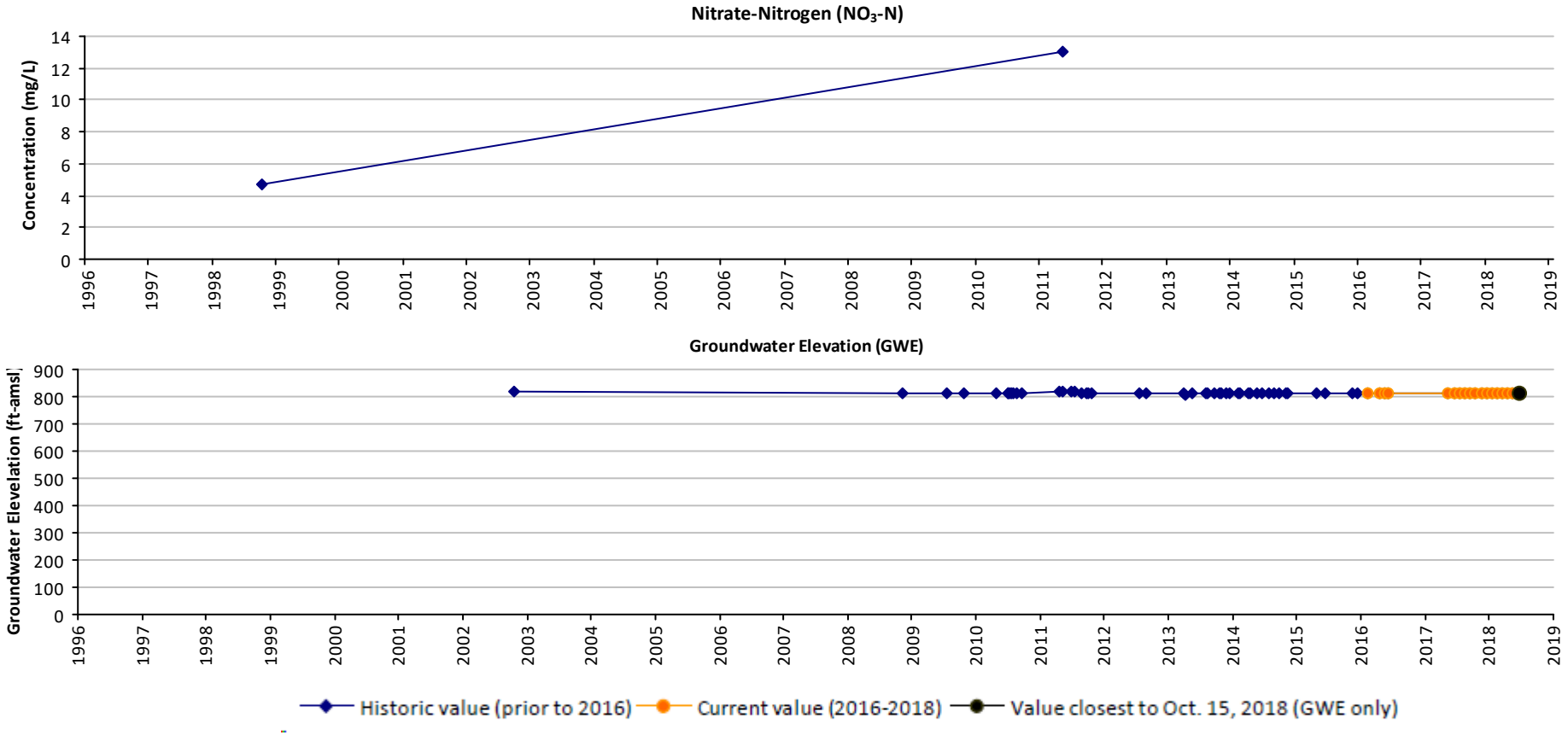

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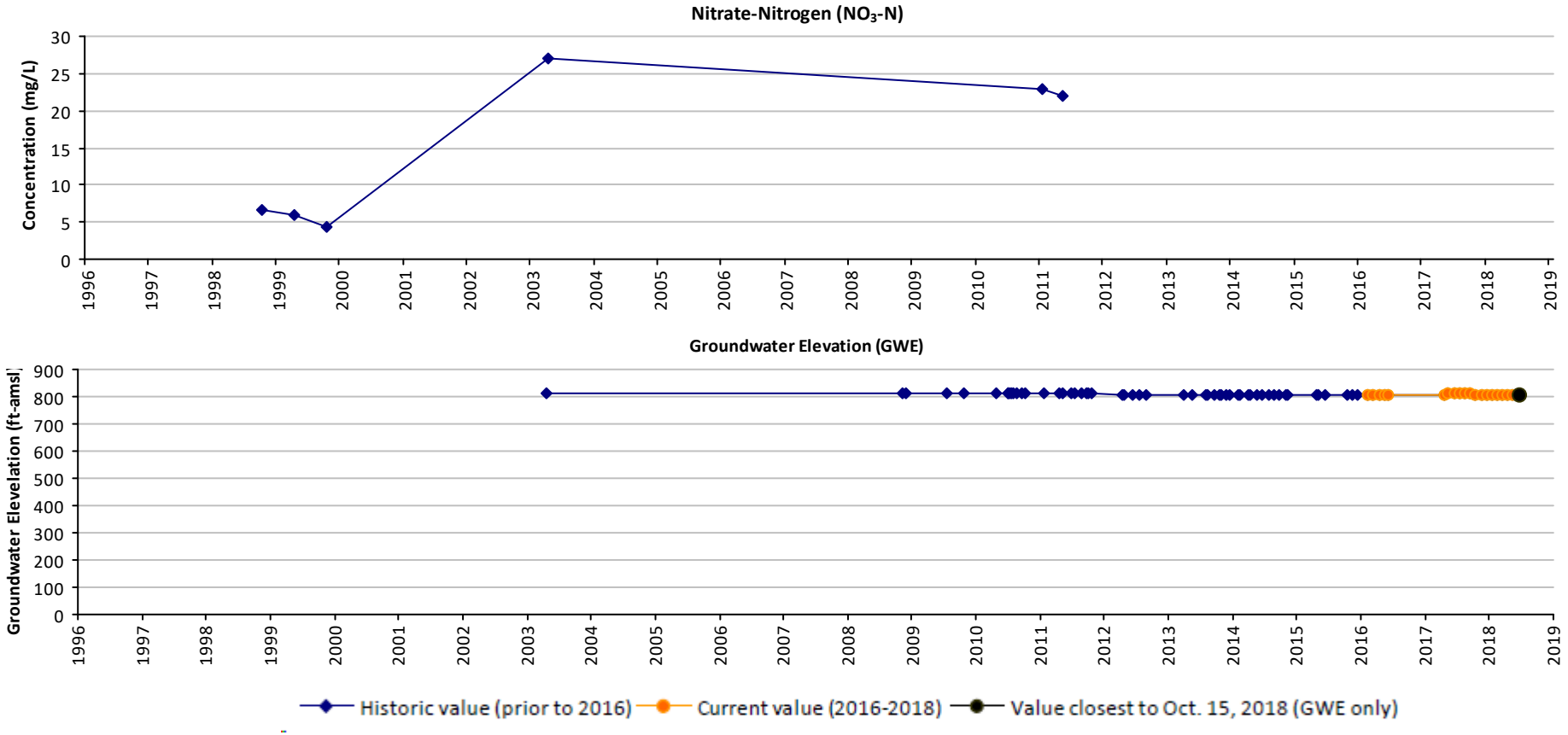
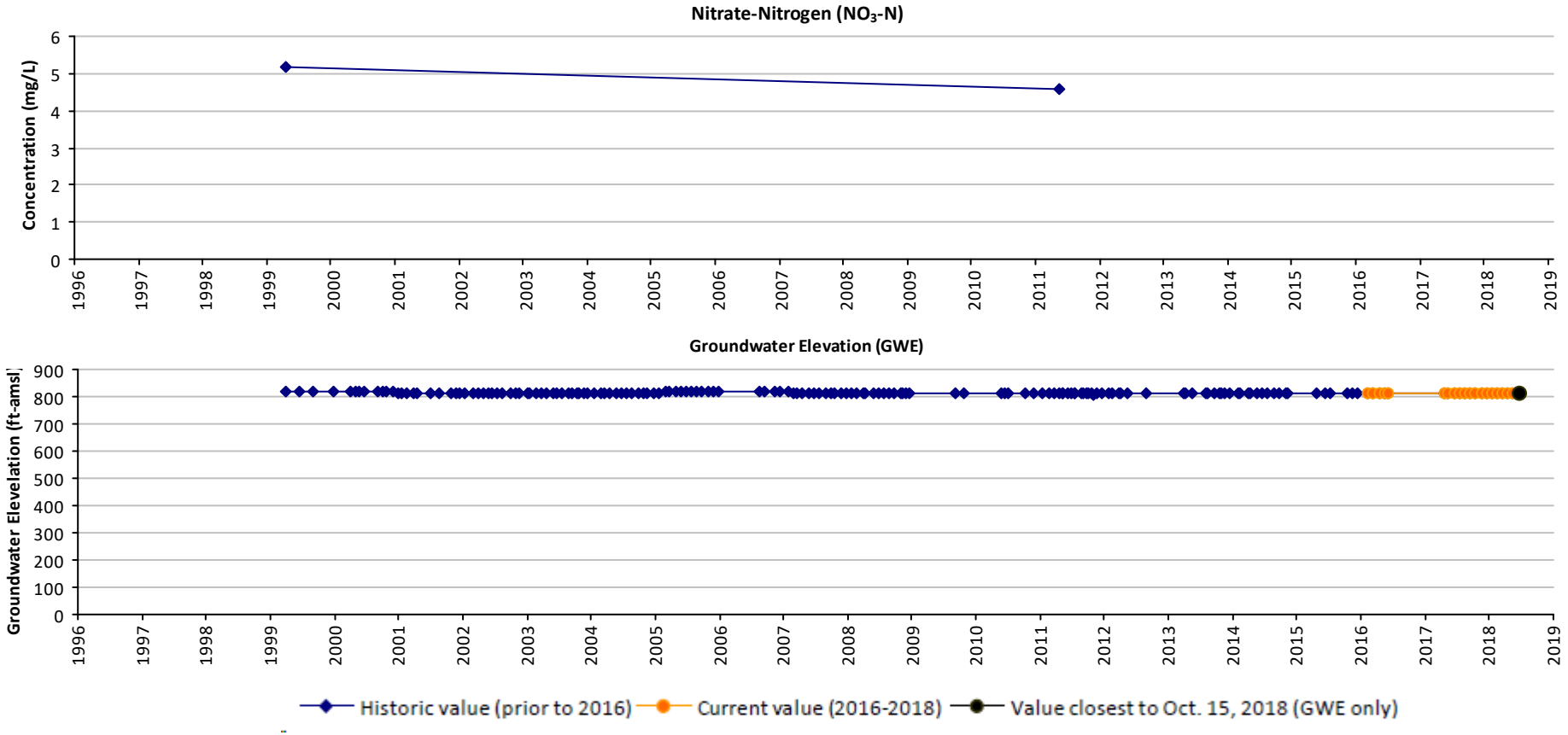
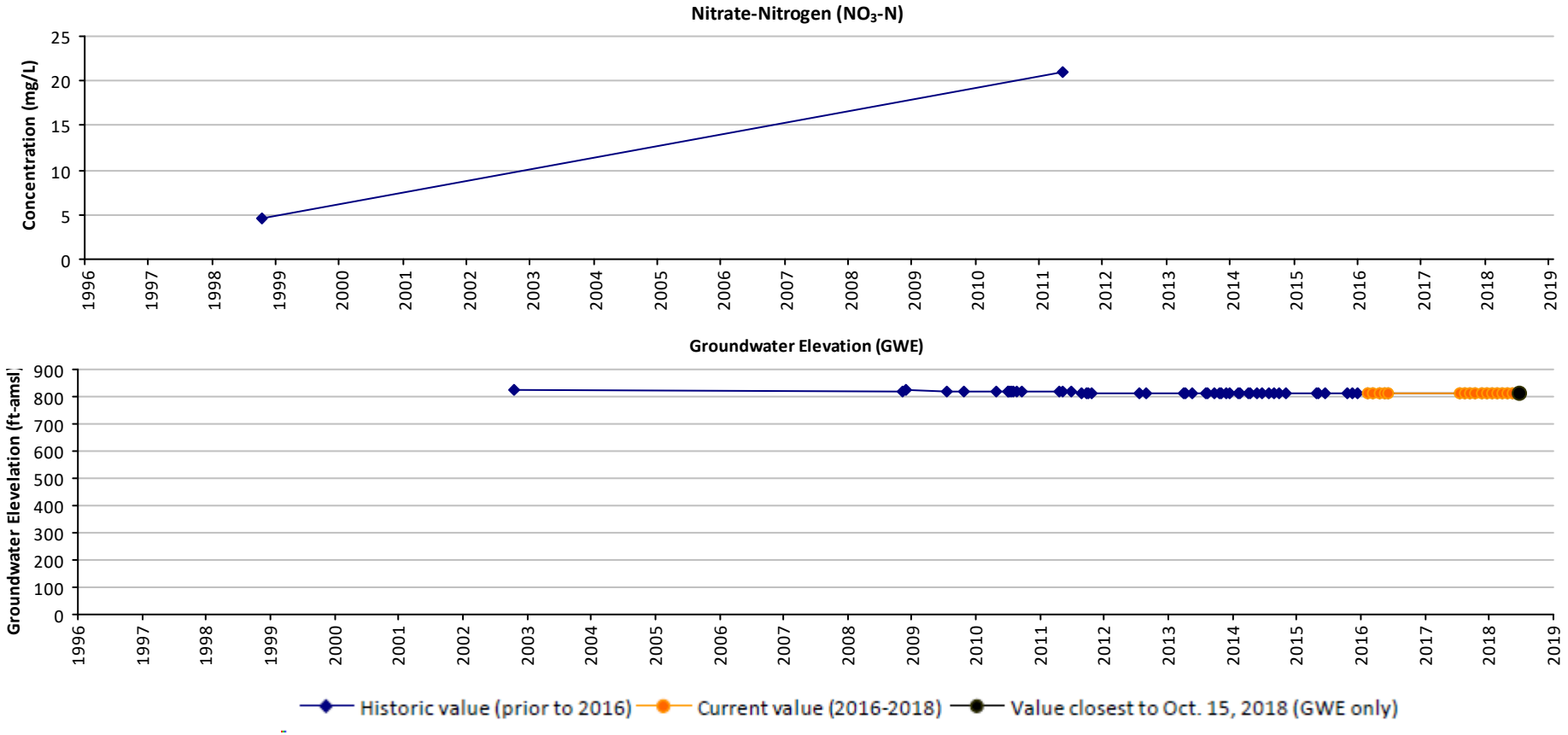


Total Dissolved Solids (TDS)

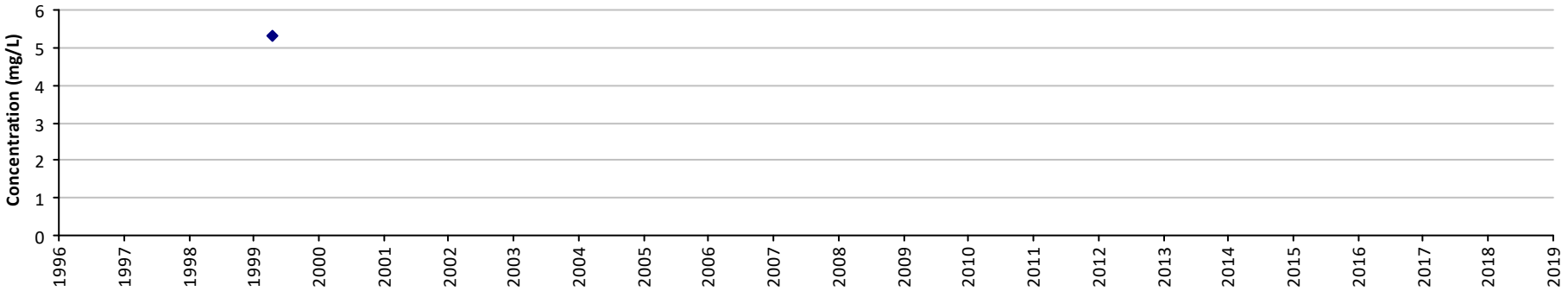


Total Dissolved Solids (TDS)

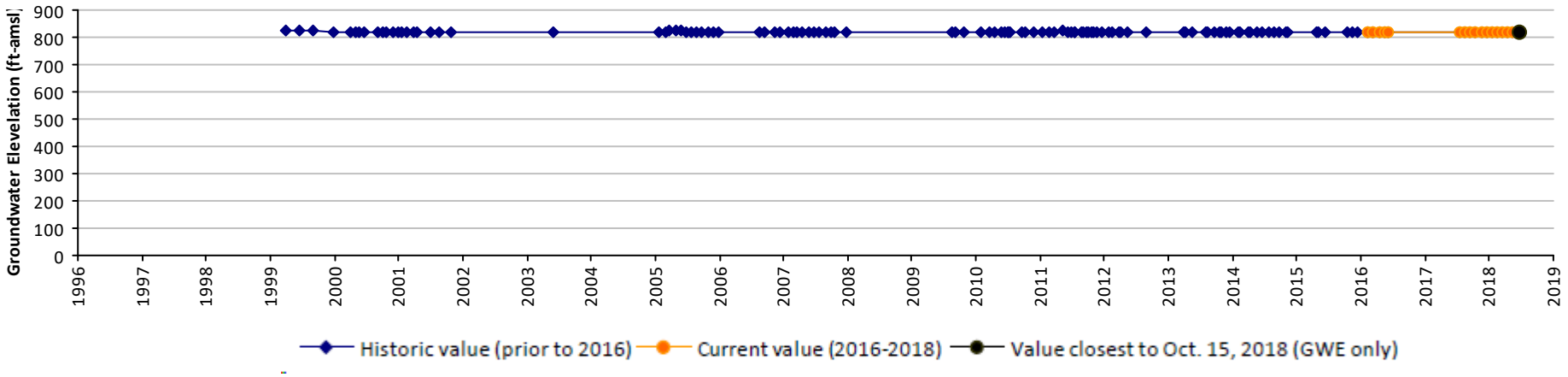


Total Dissolved Solids (TDS)

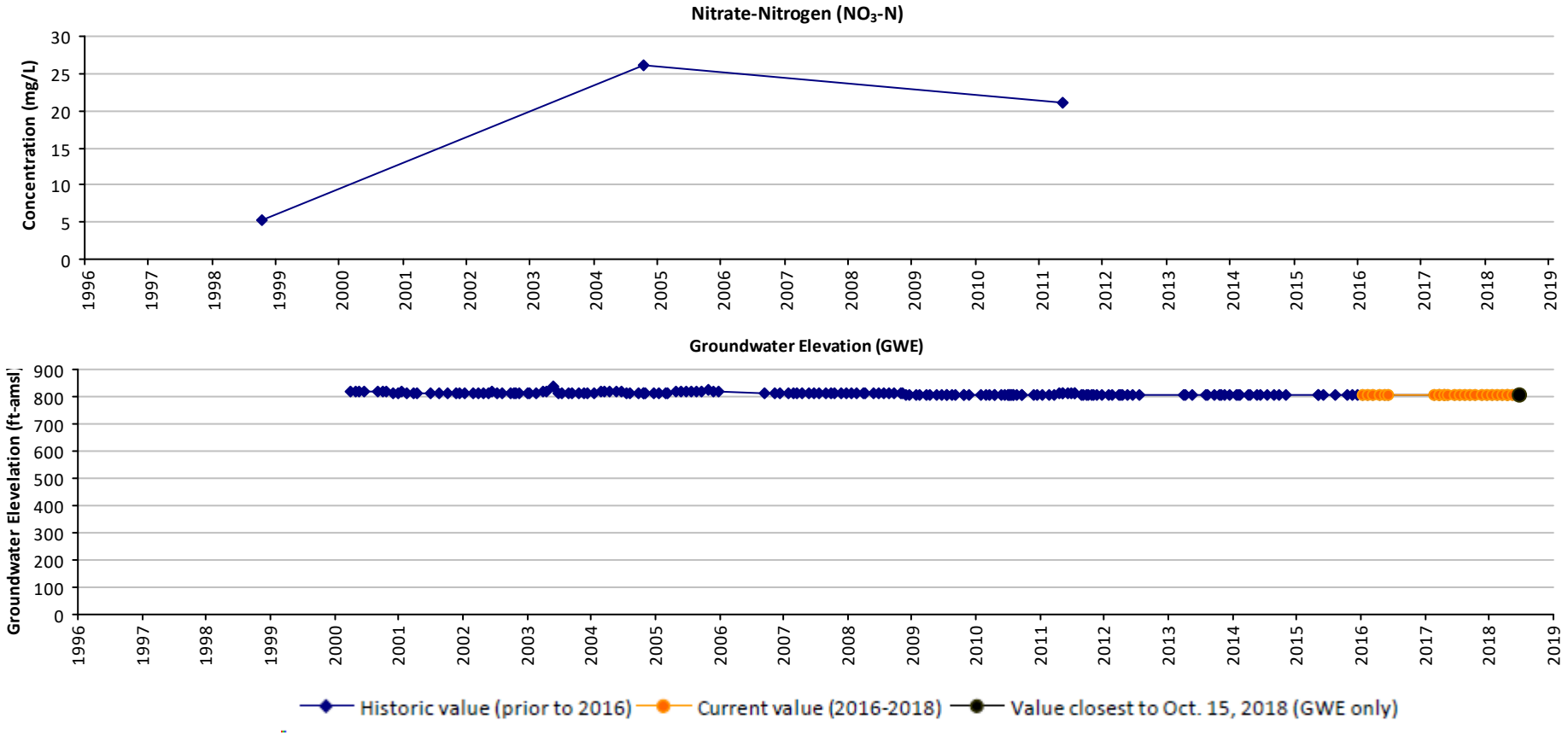
Nitrate-Nitrogen (NO_3-N)



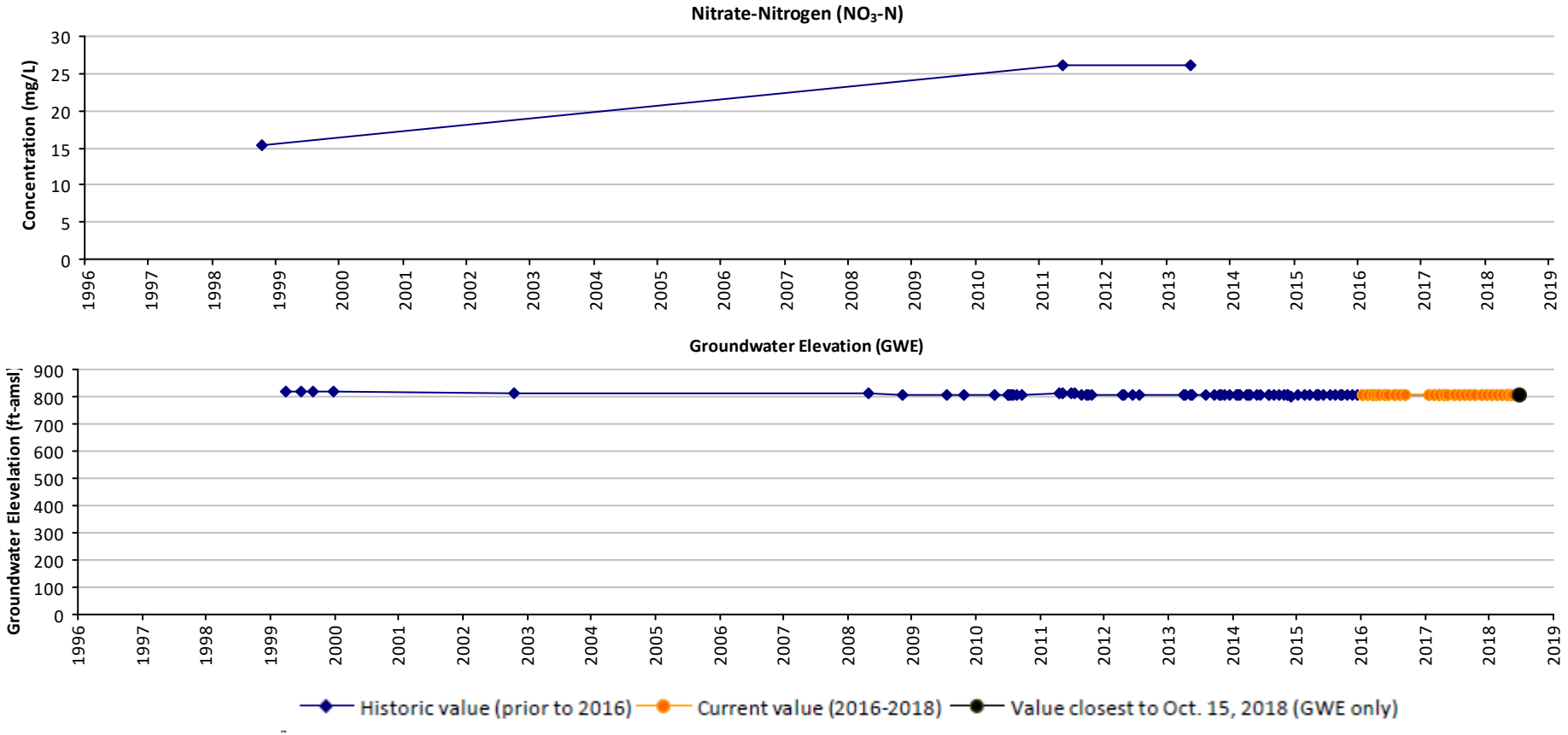
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



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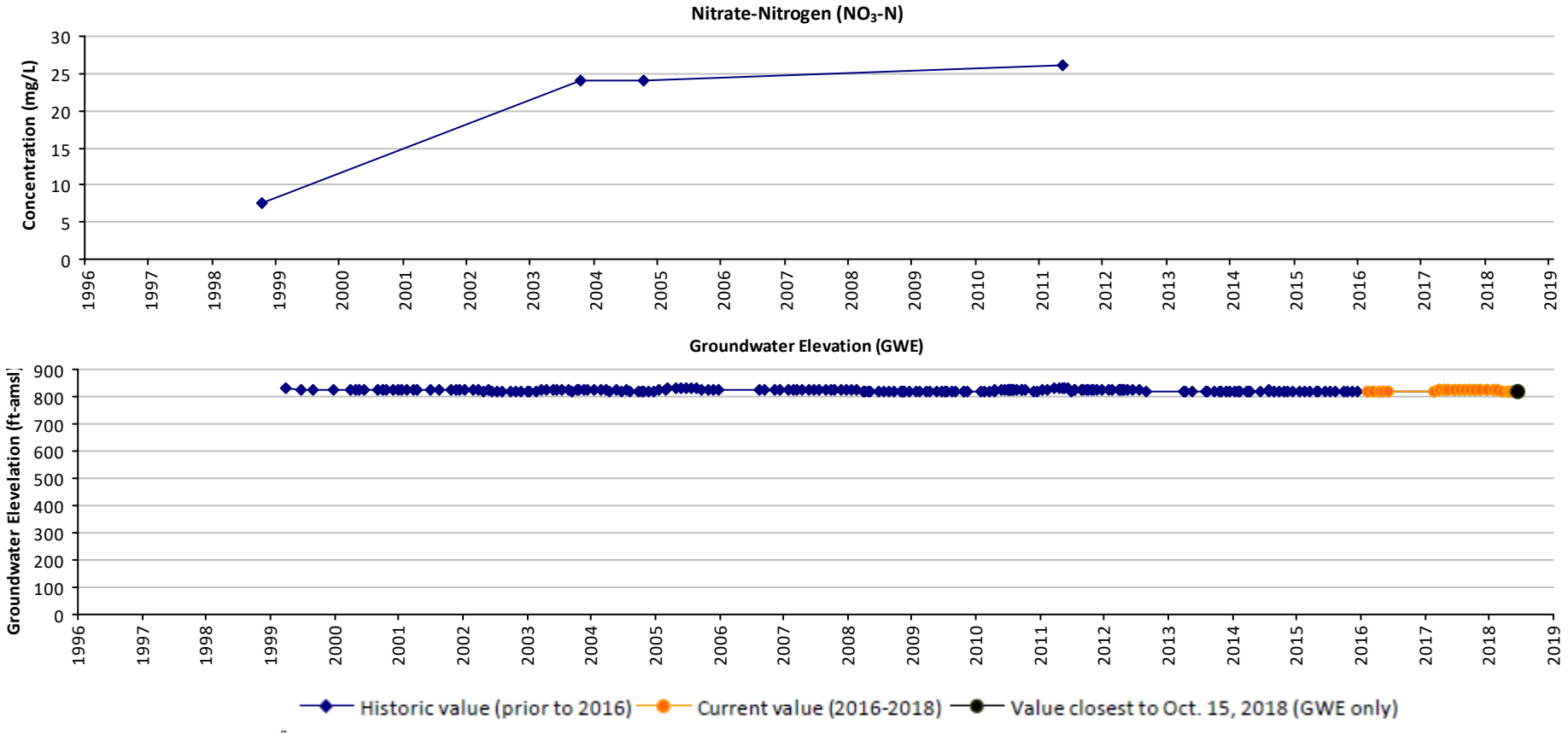

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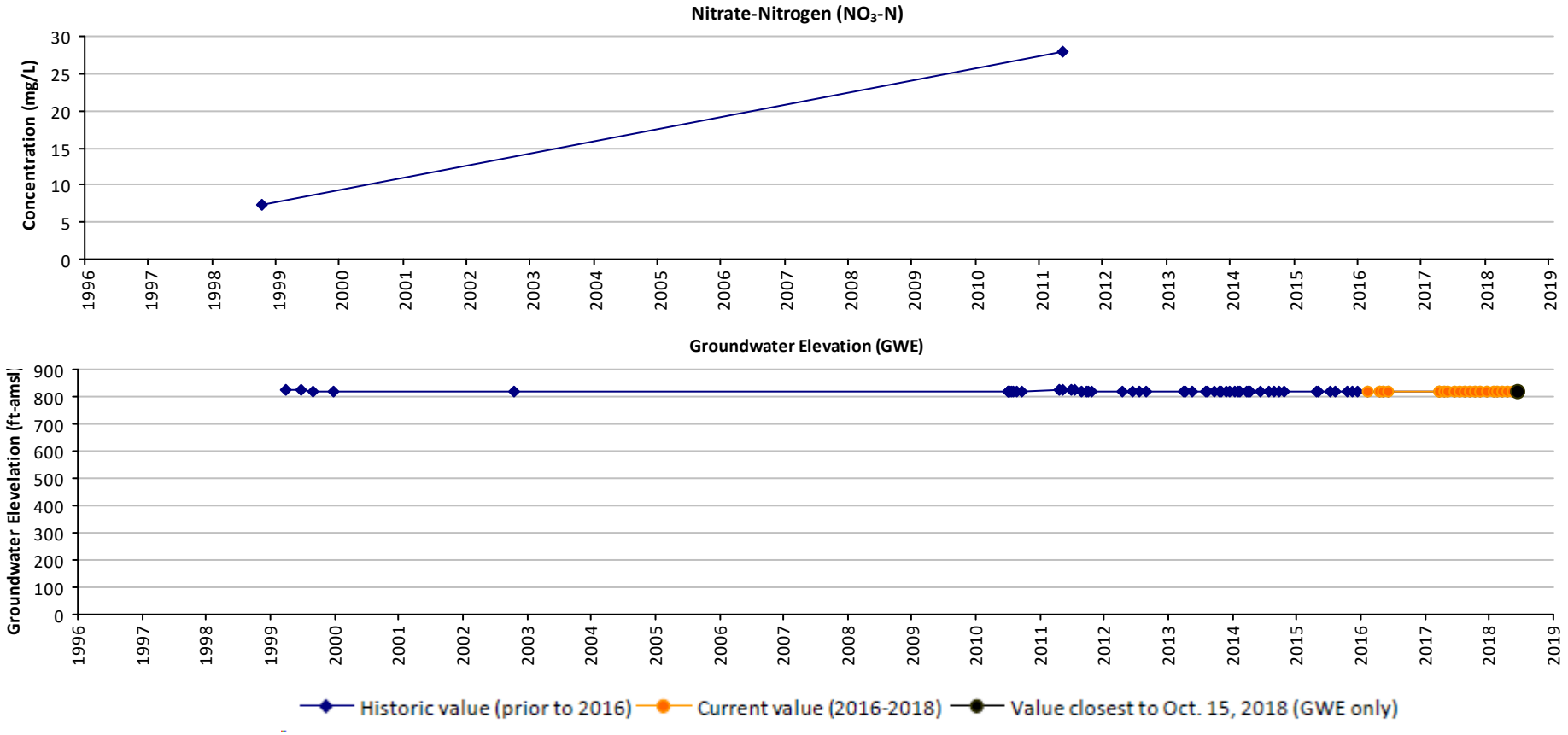

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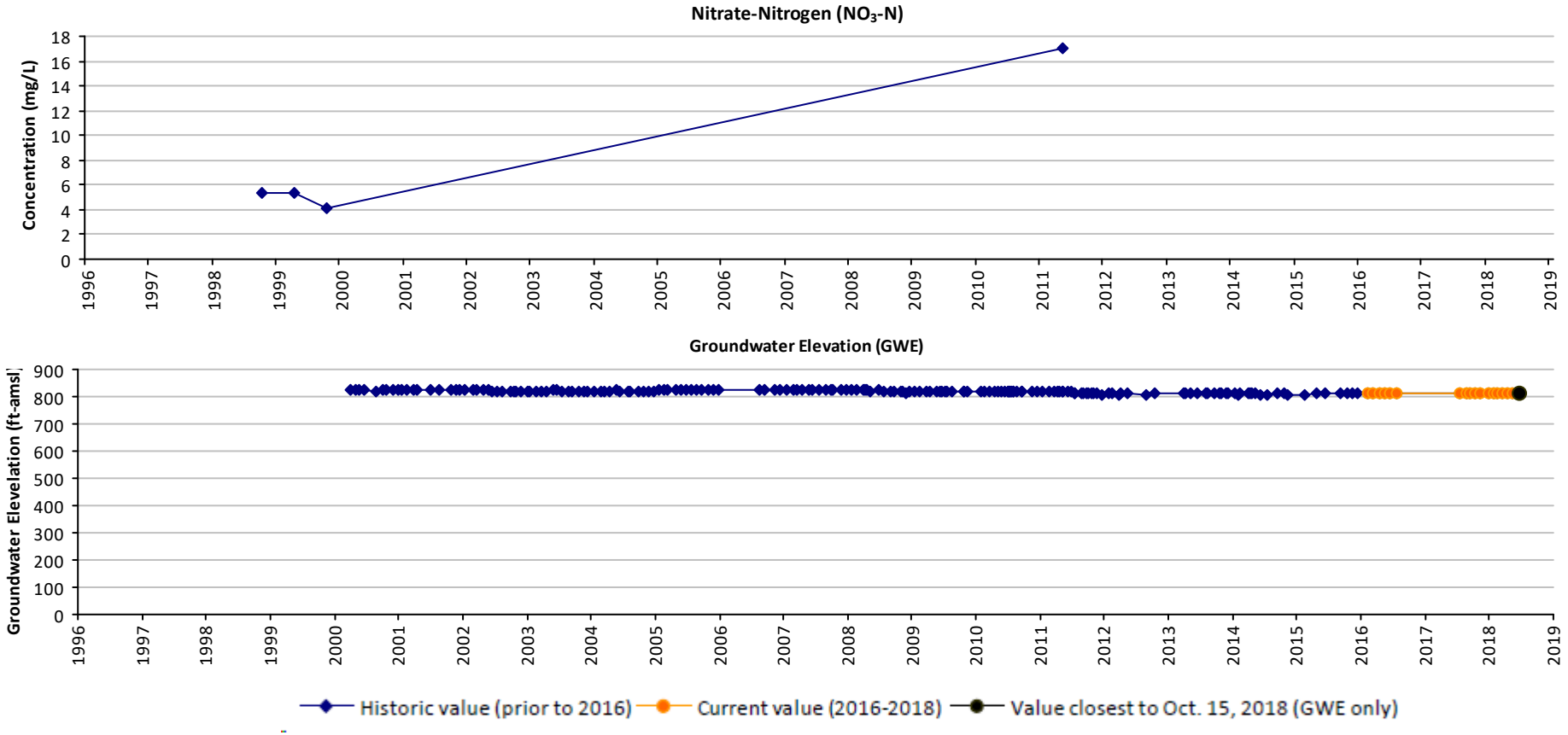
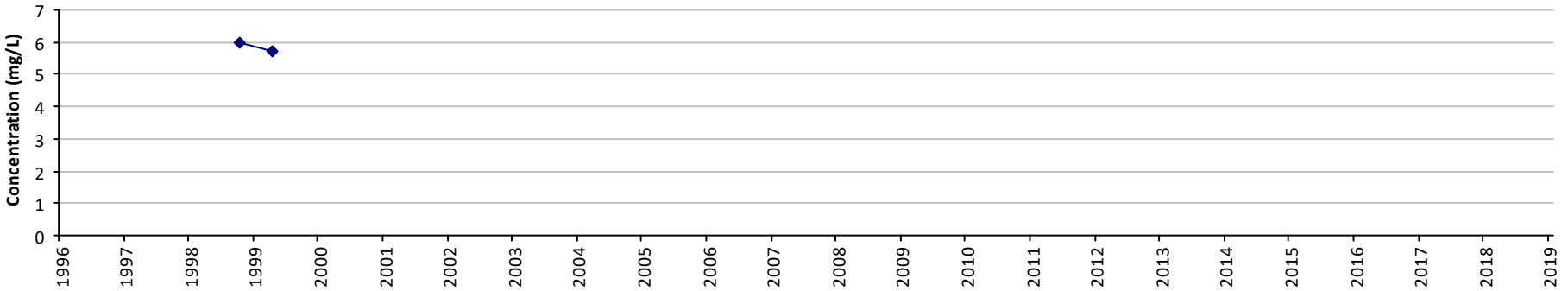
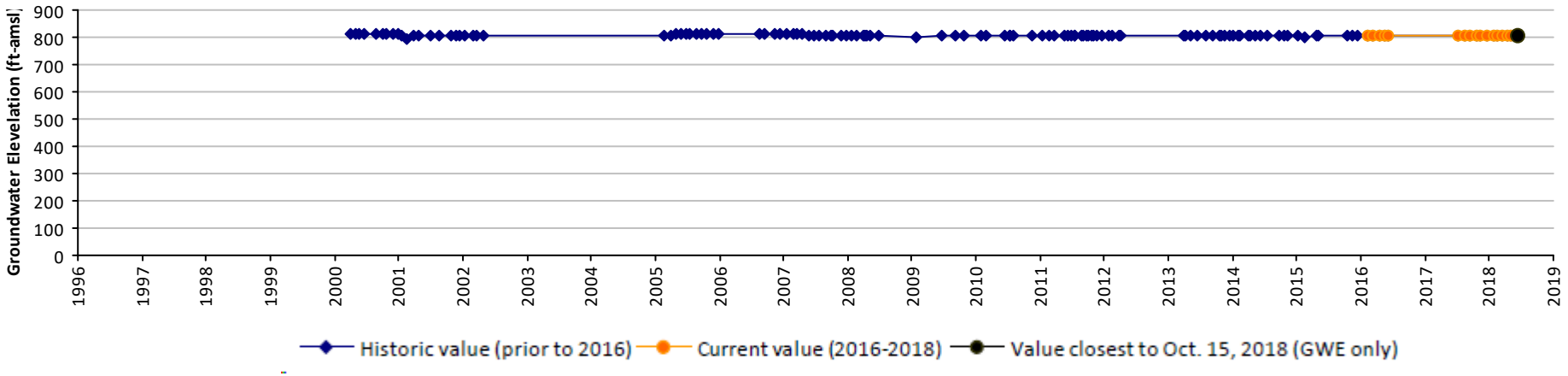


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



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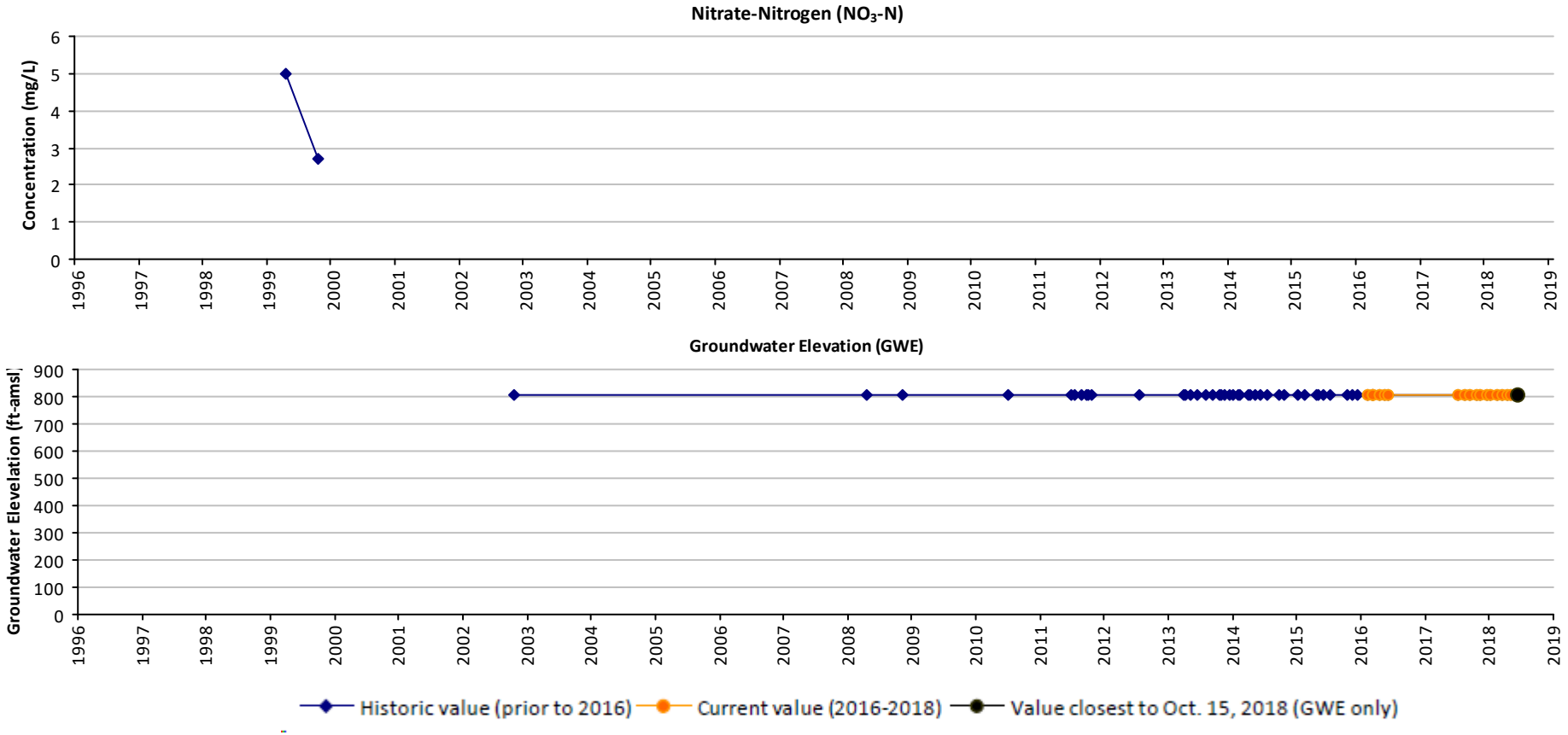

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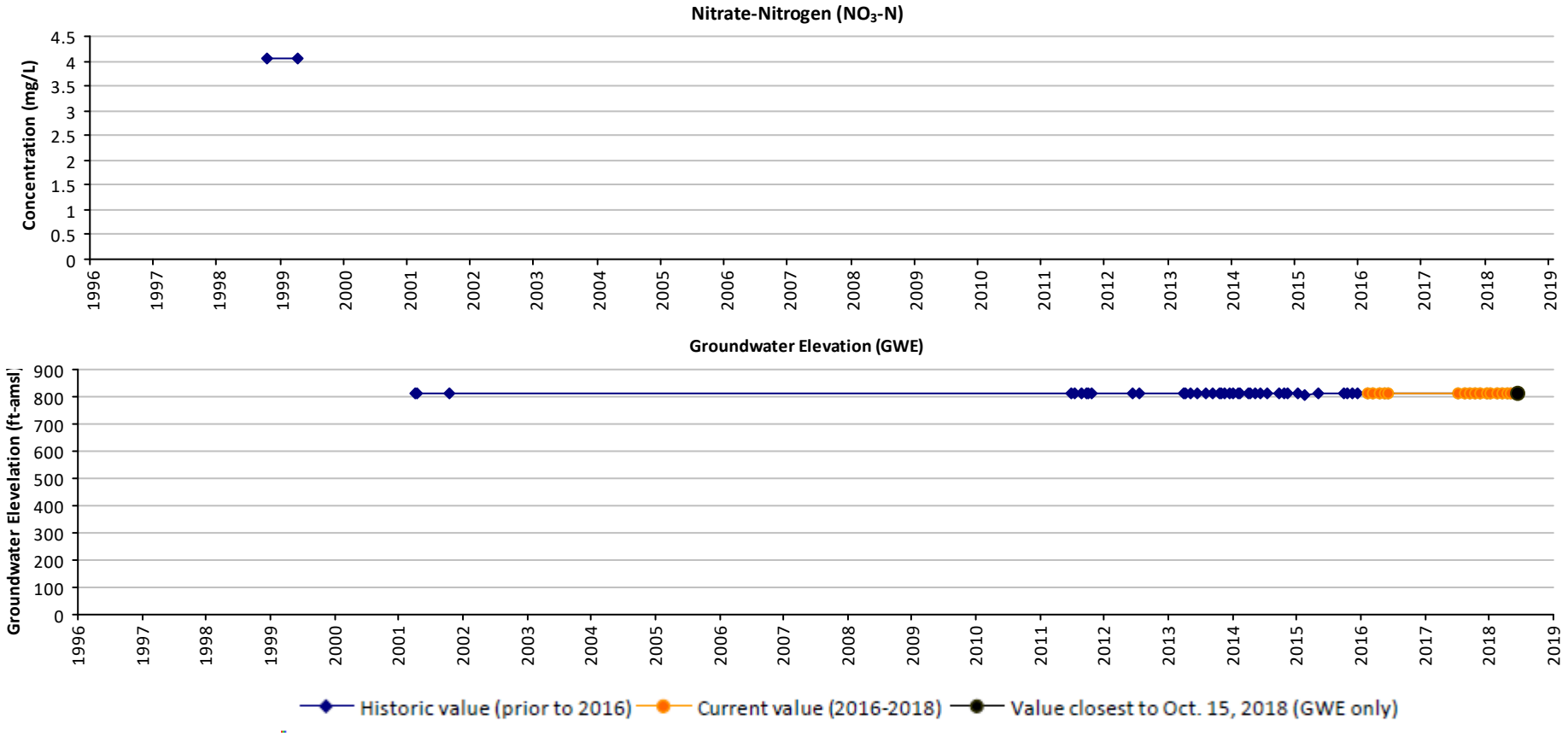

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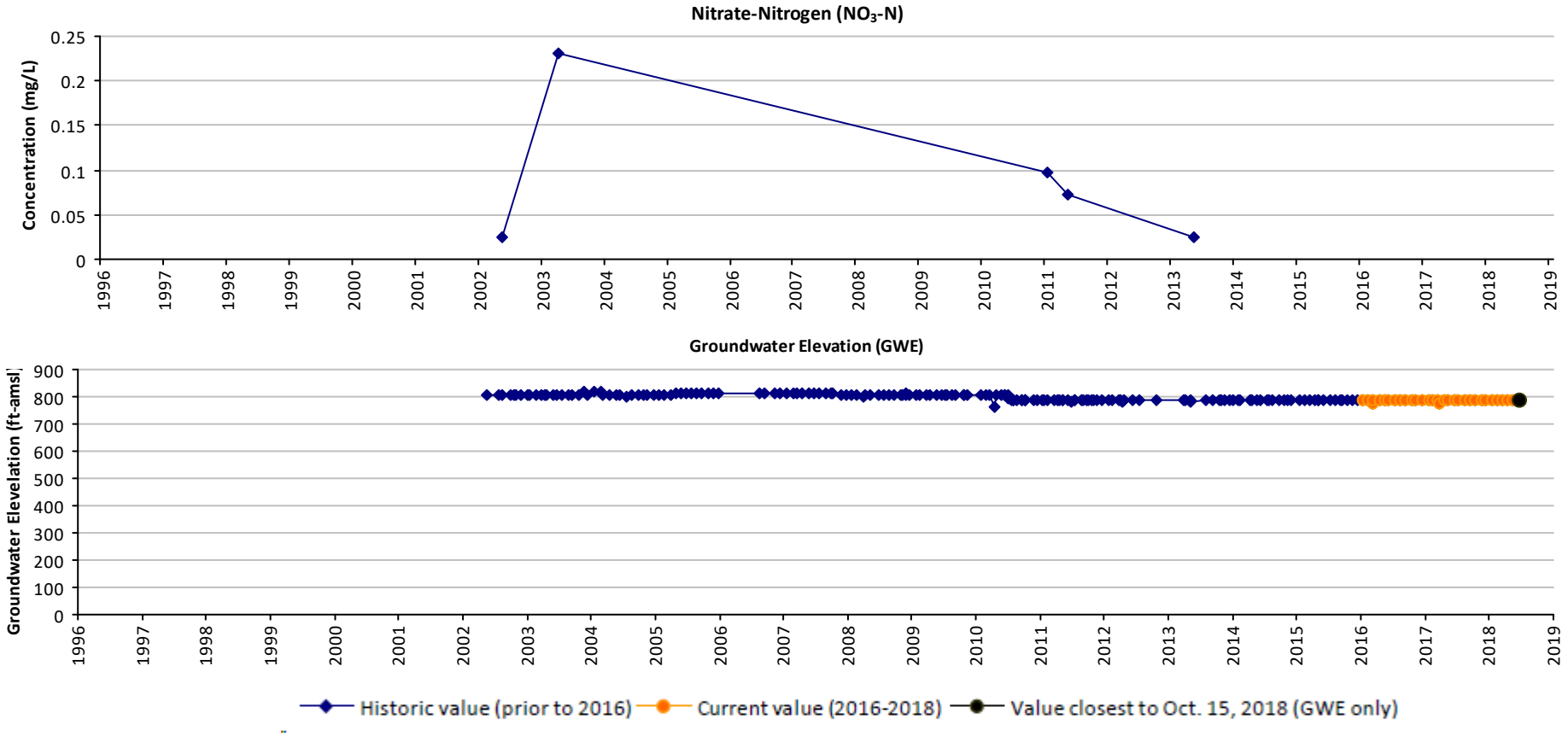

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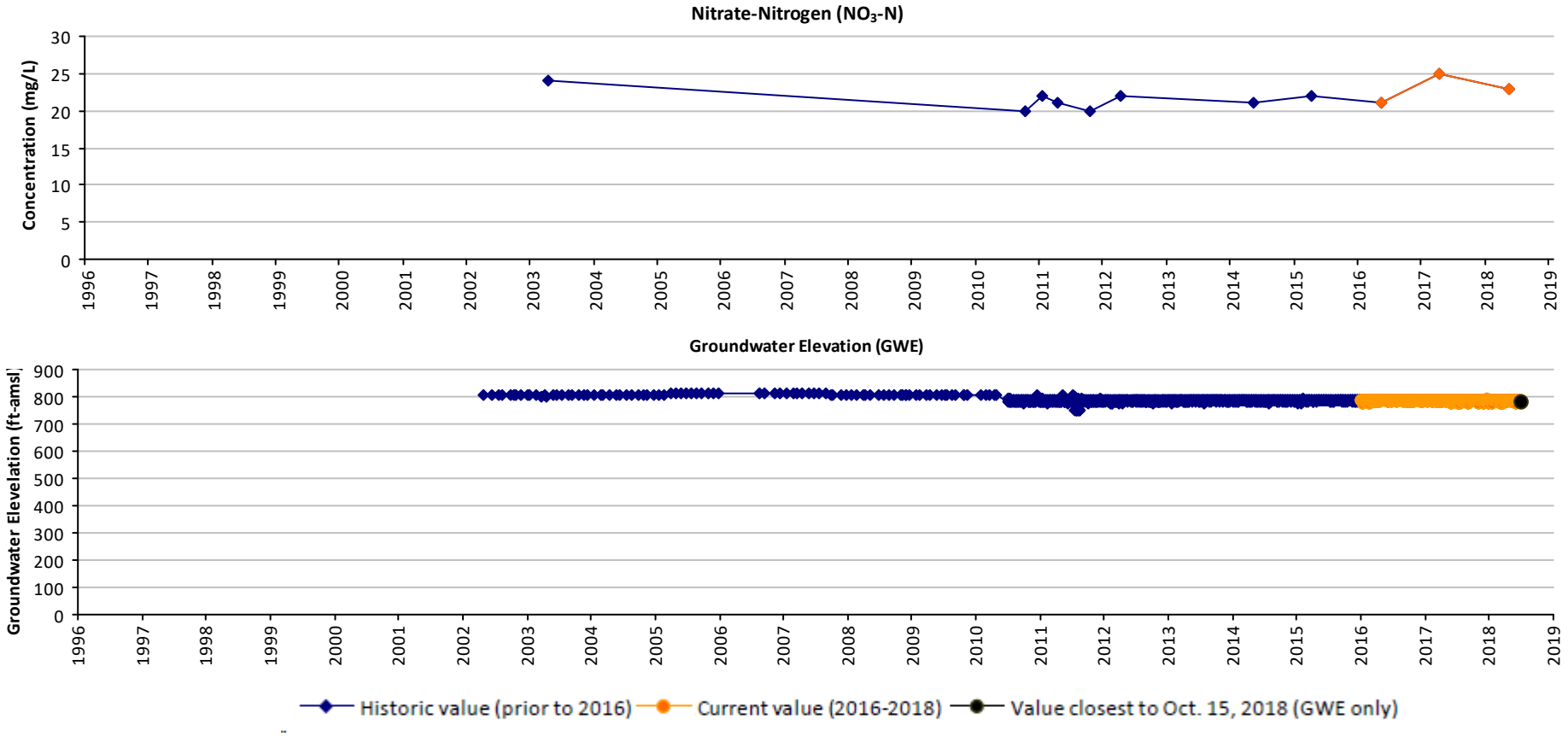

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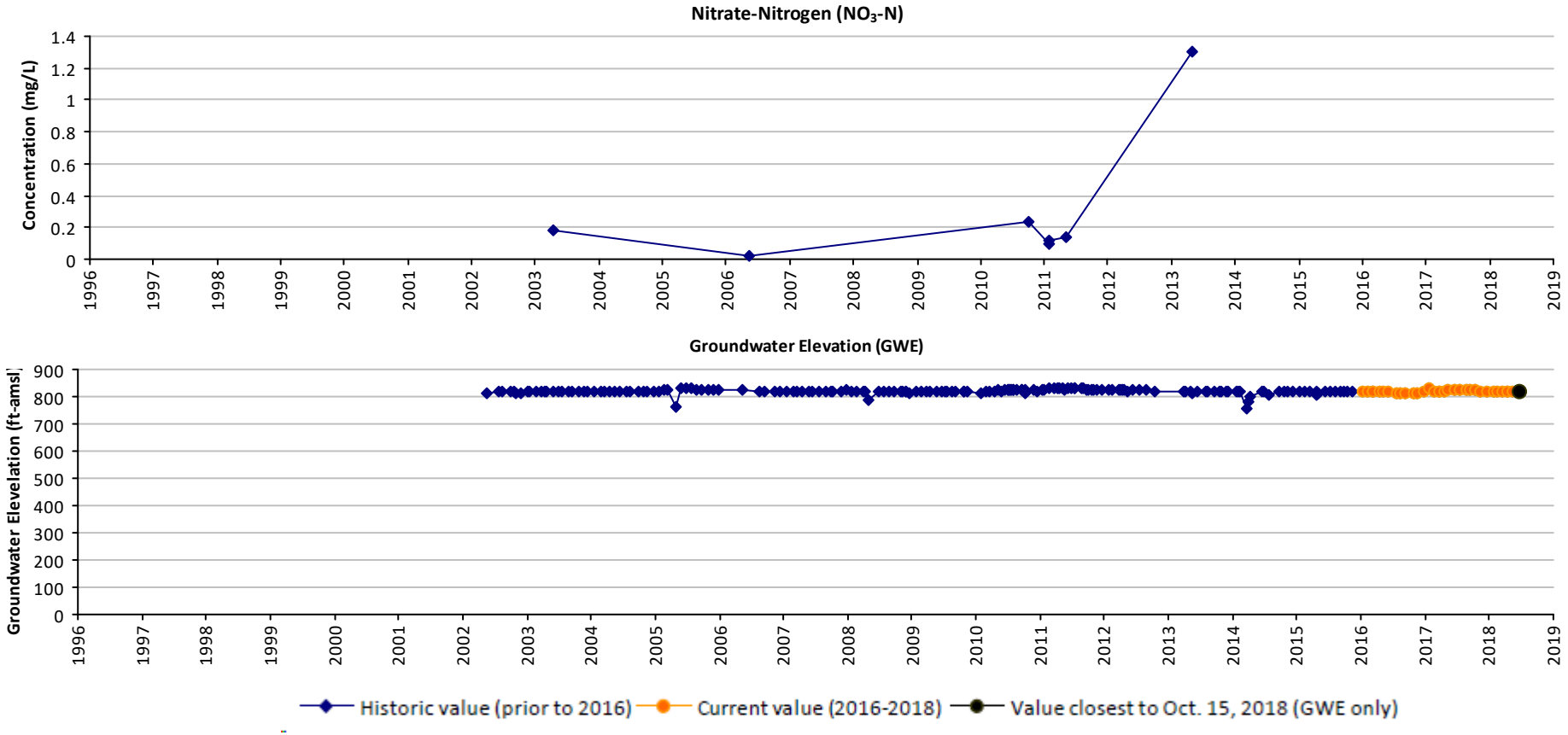

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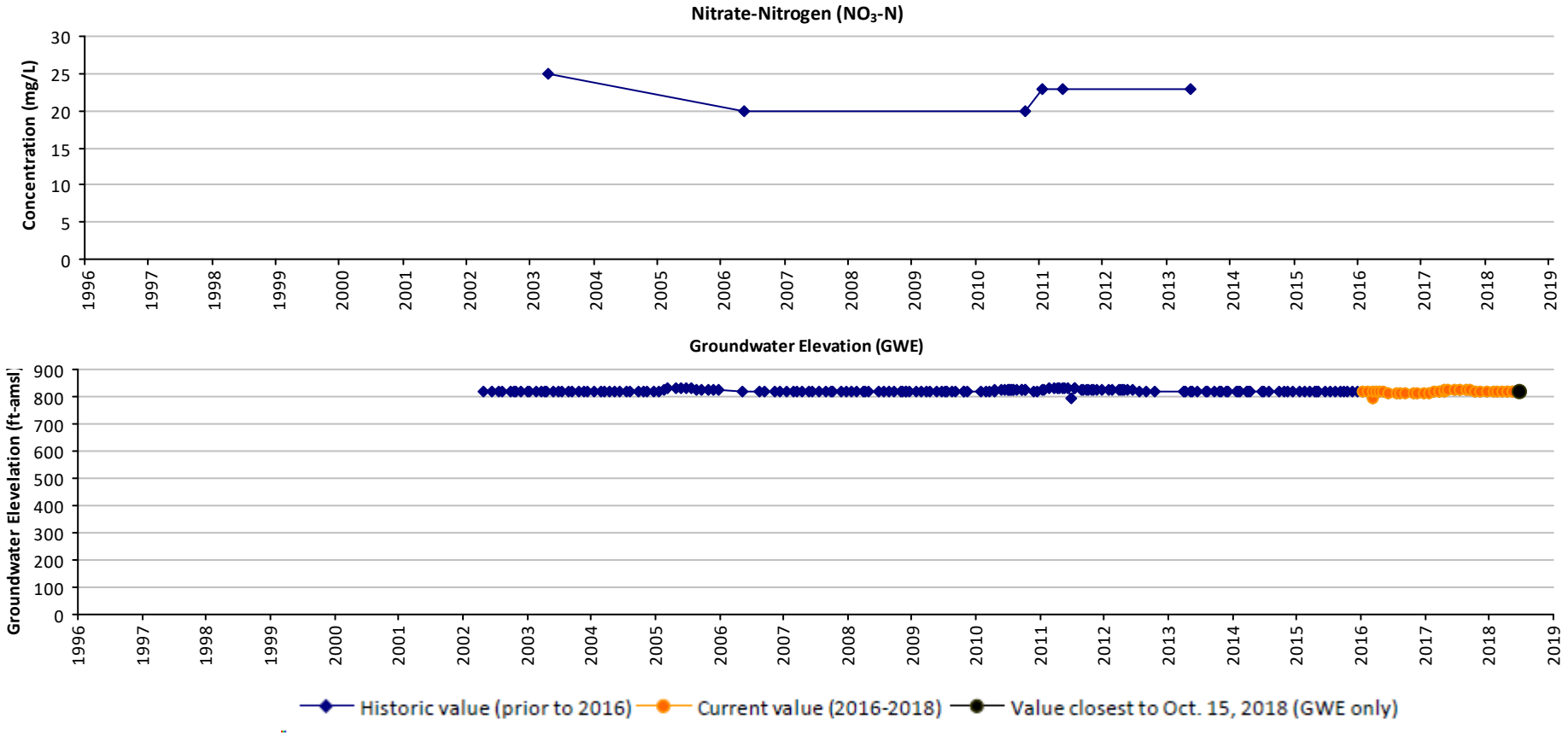

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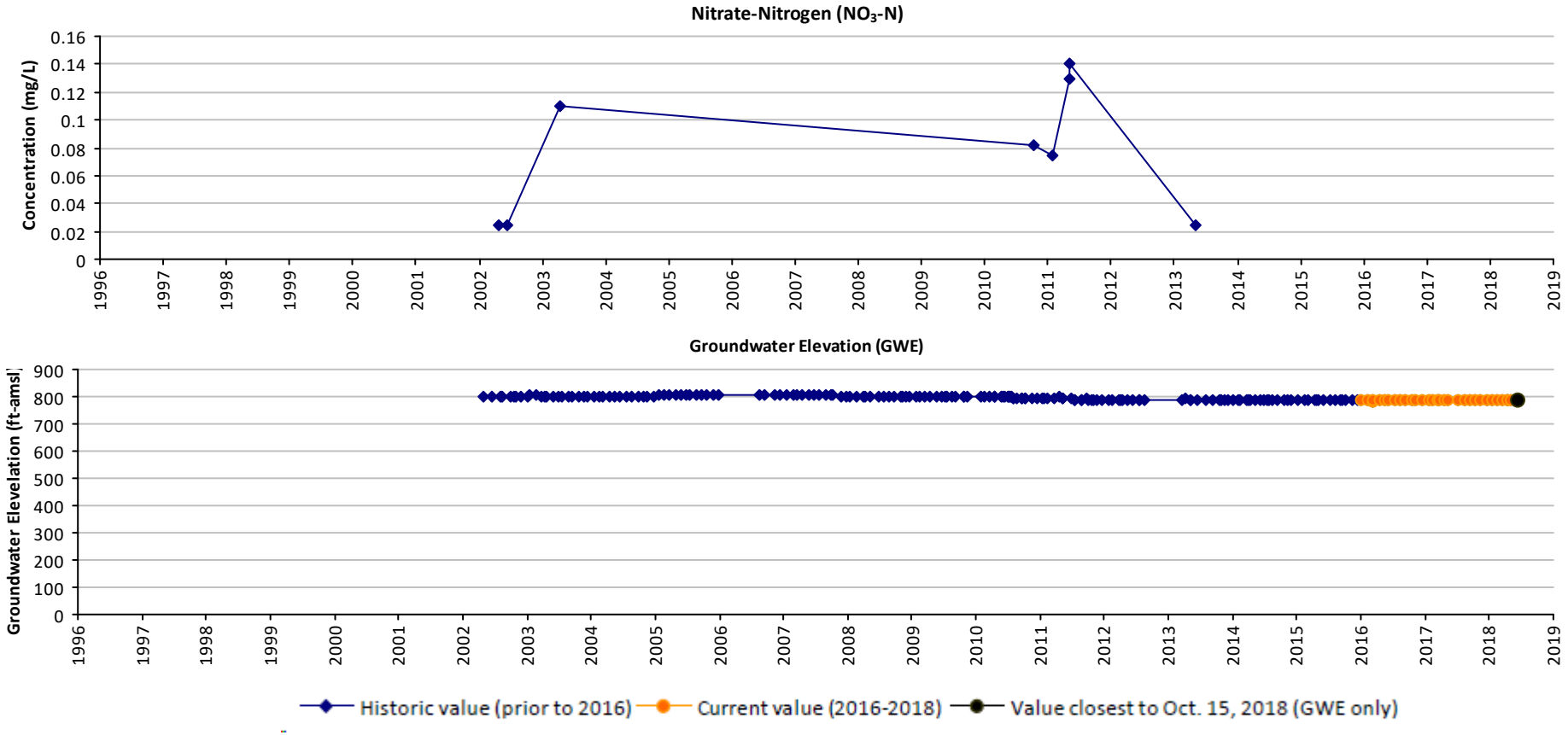

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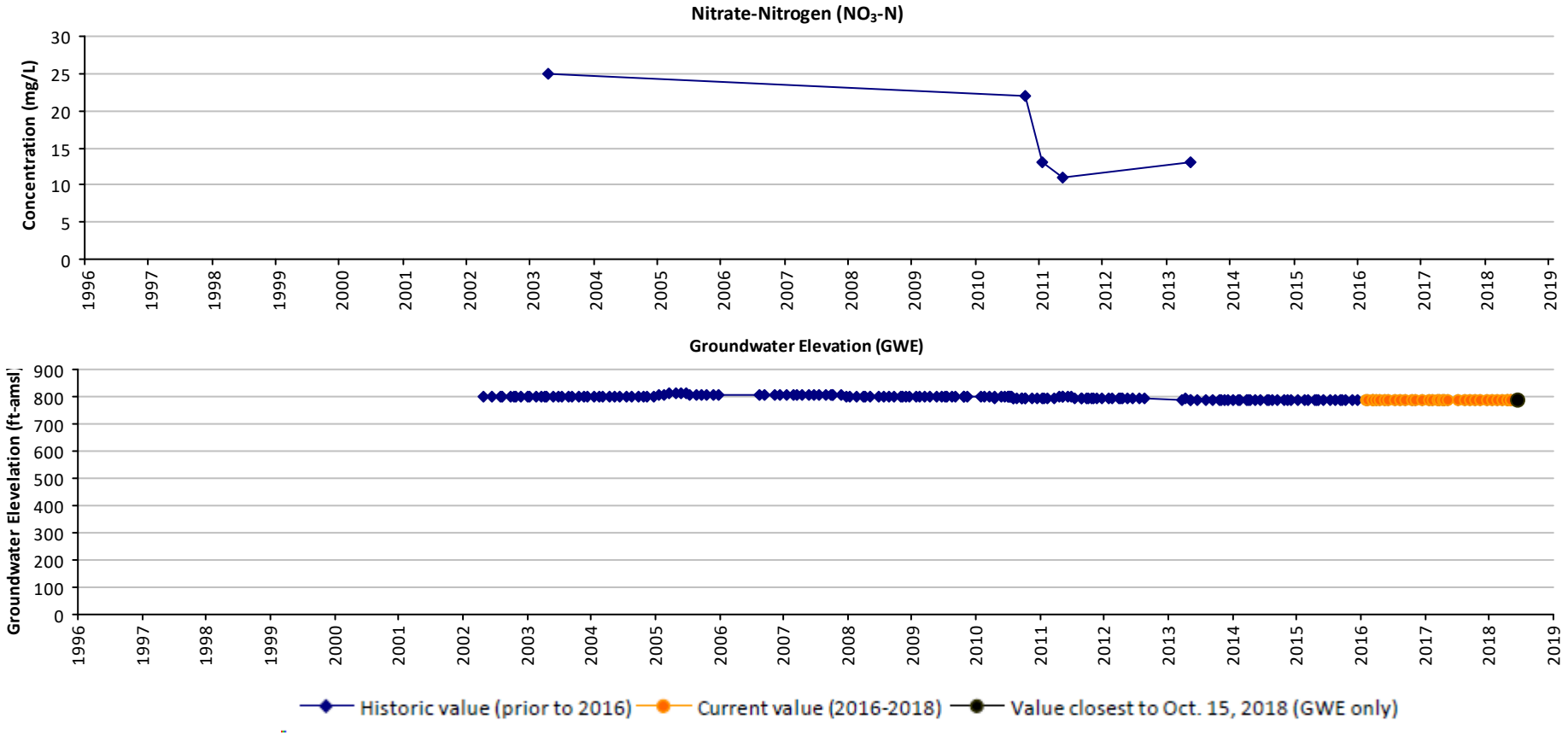

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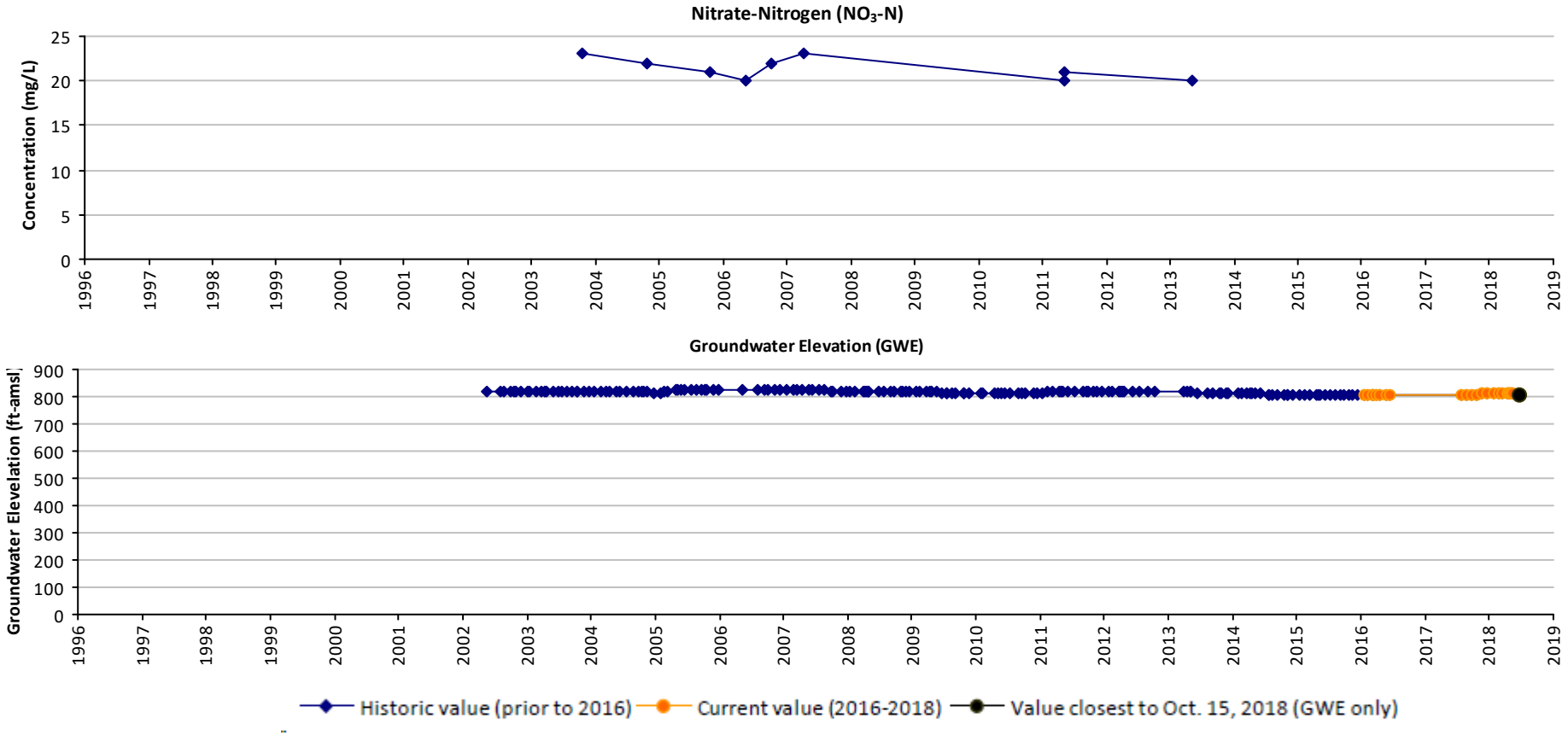

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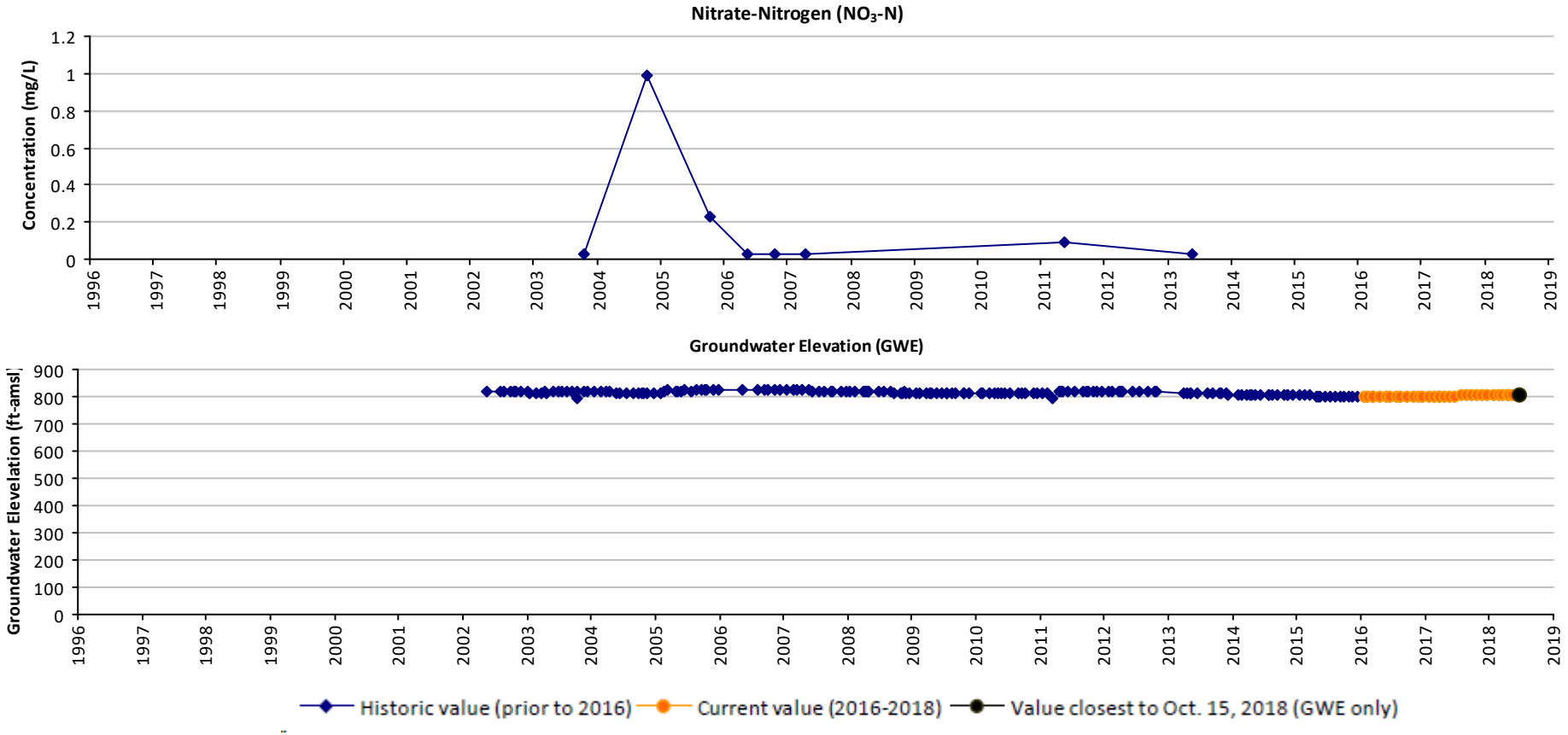

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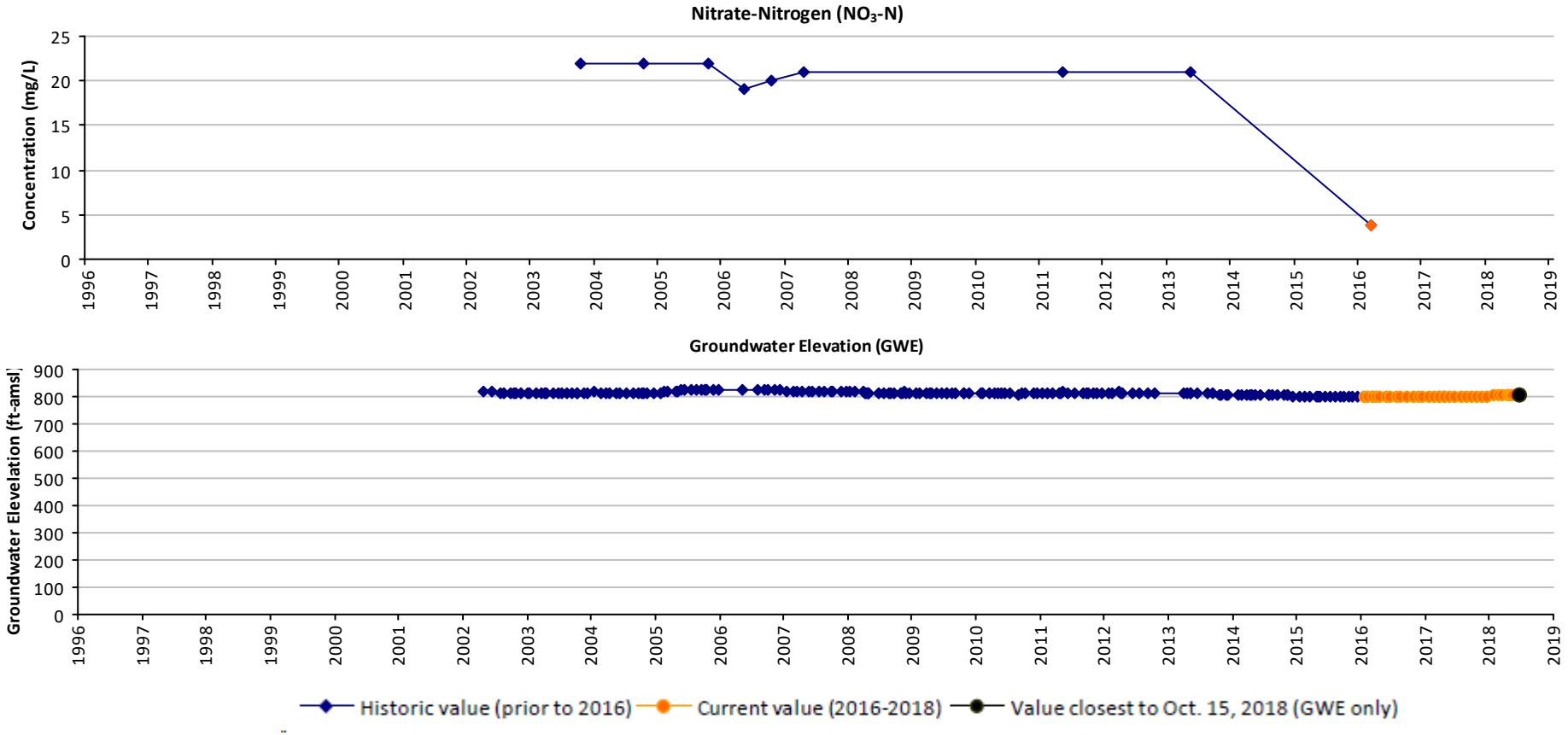

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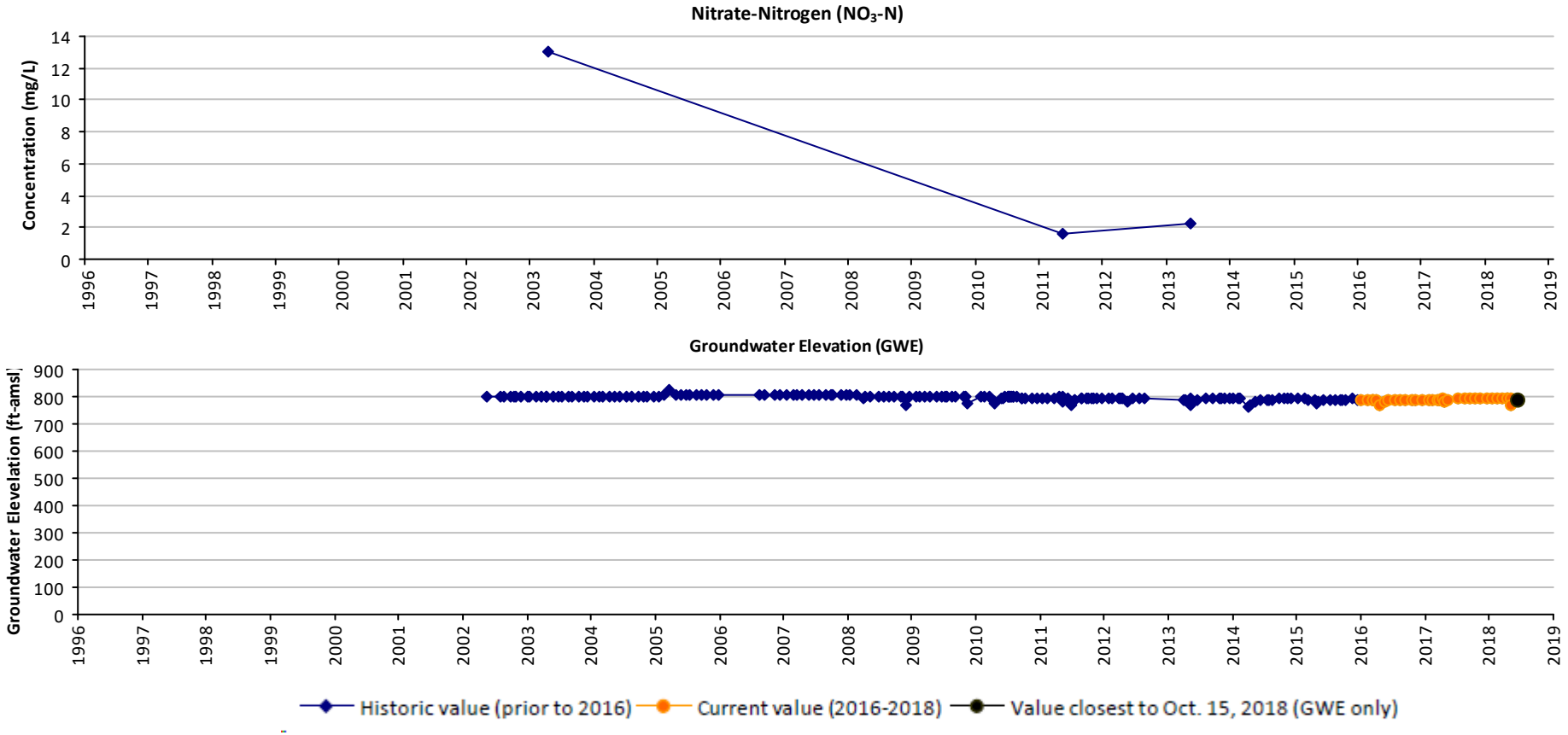

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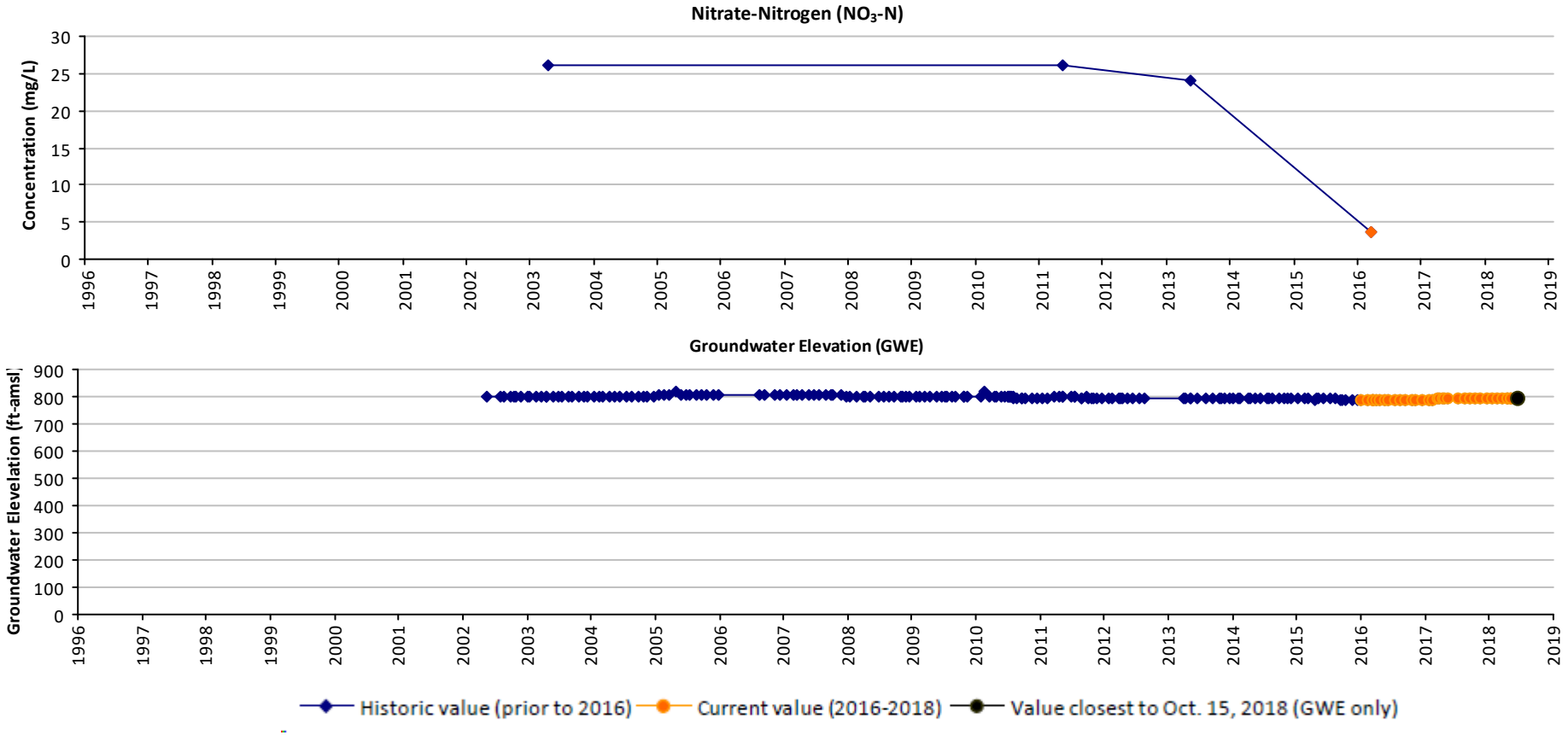

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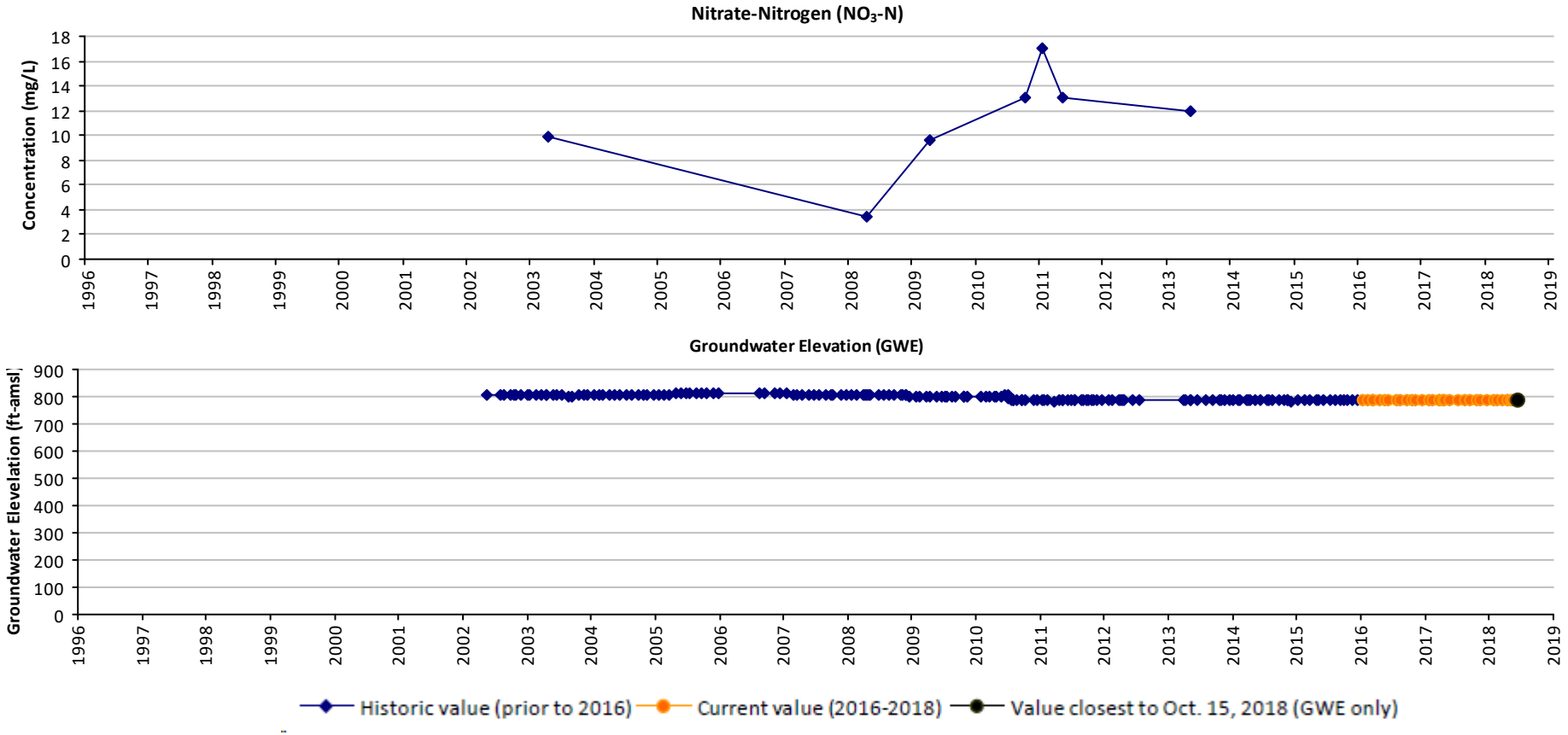

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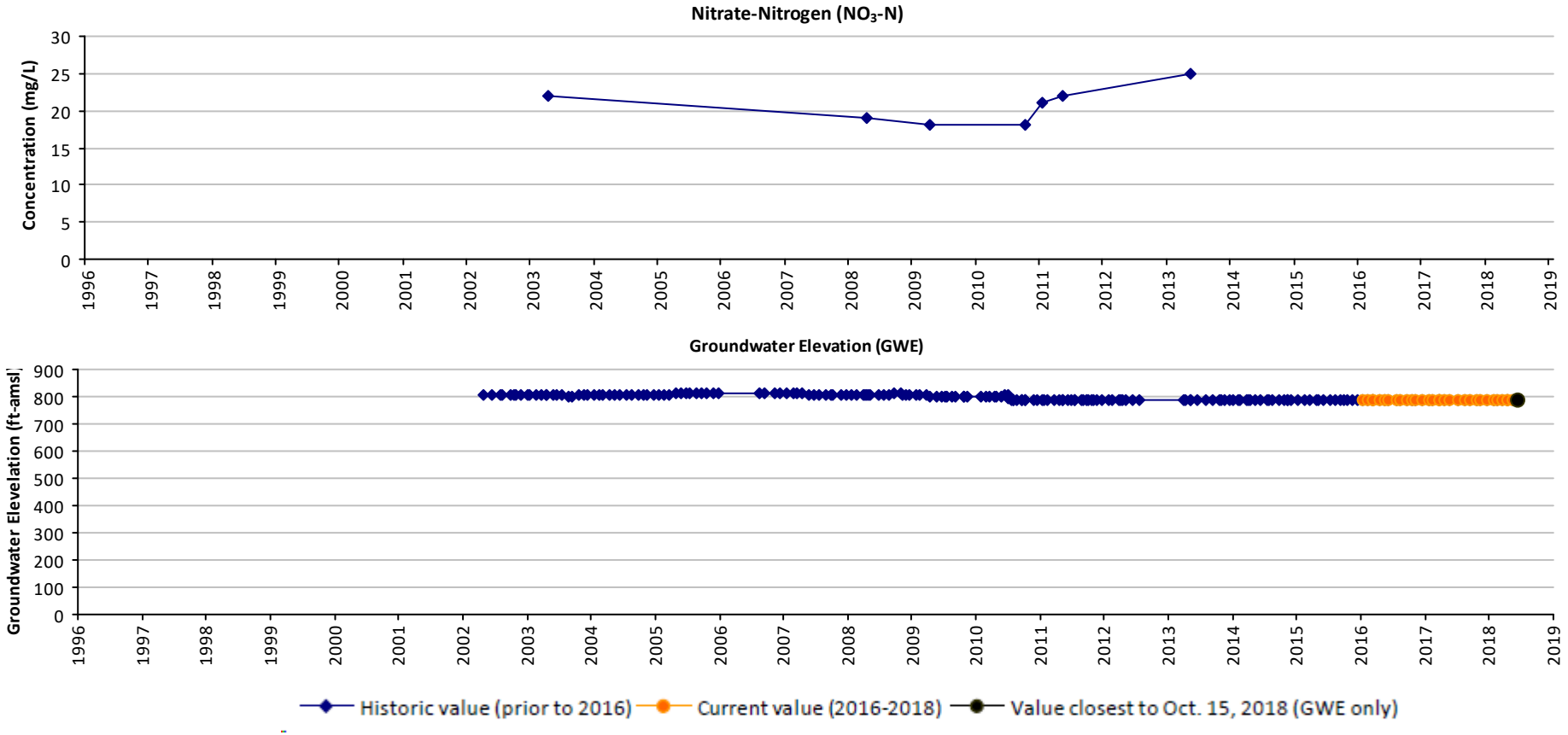
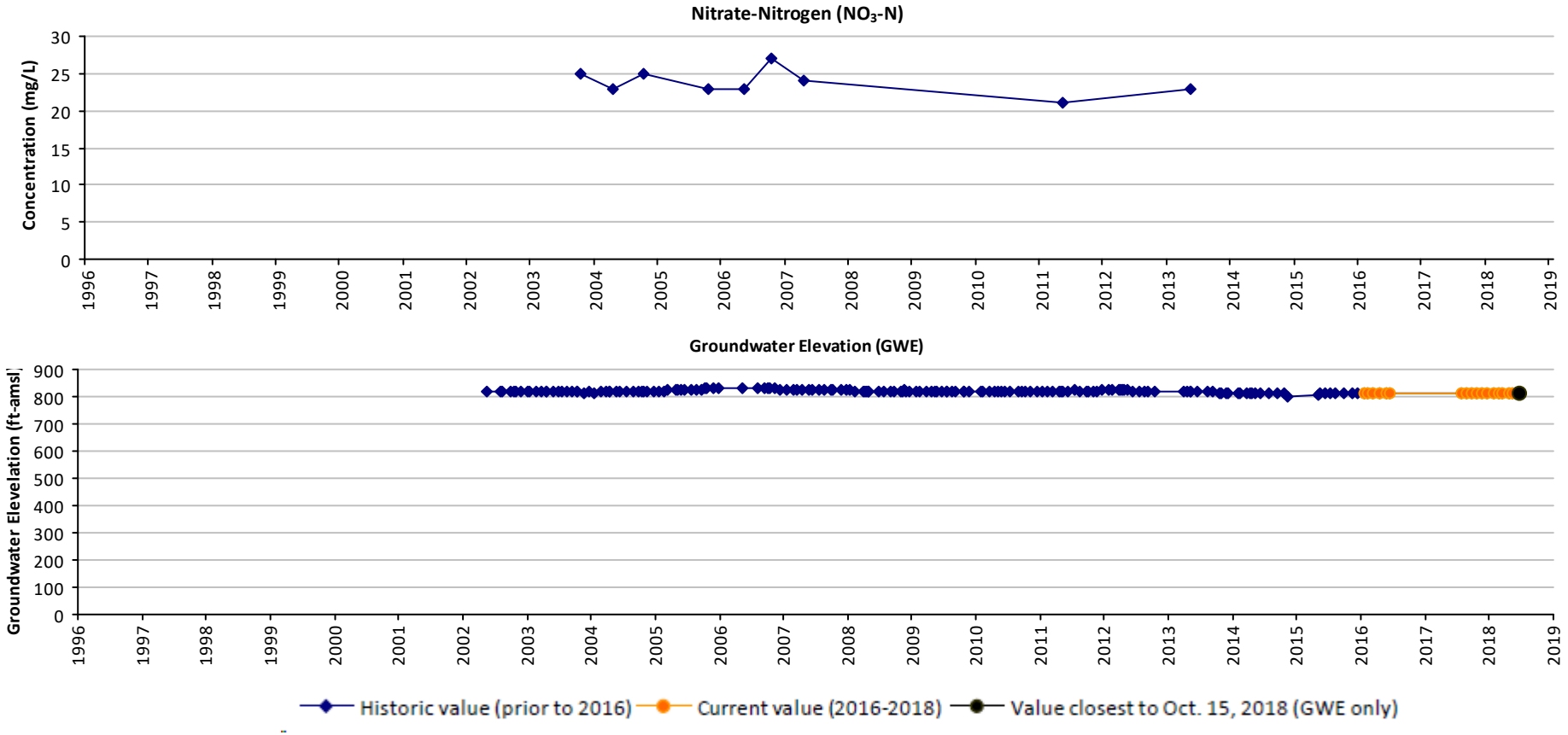
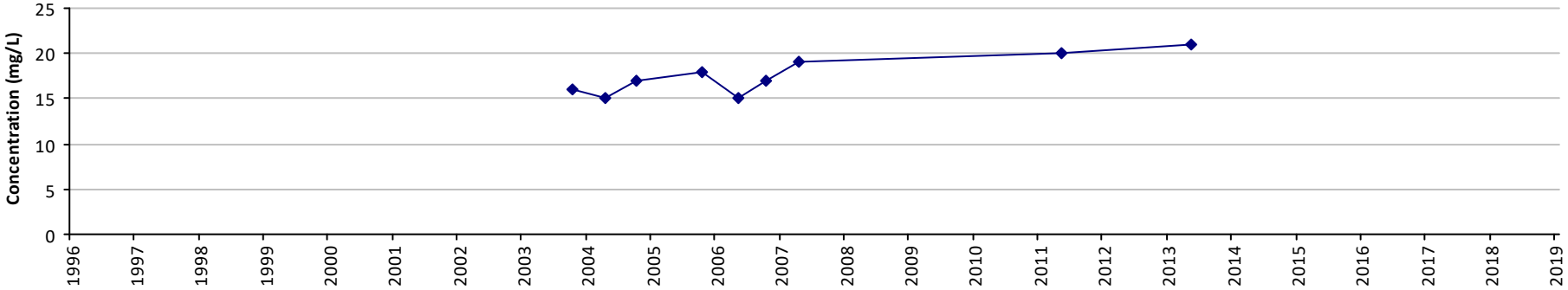


Total Dissolved Solids (TDS)

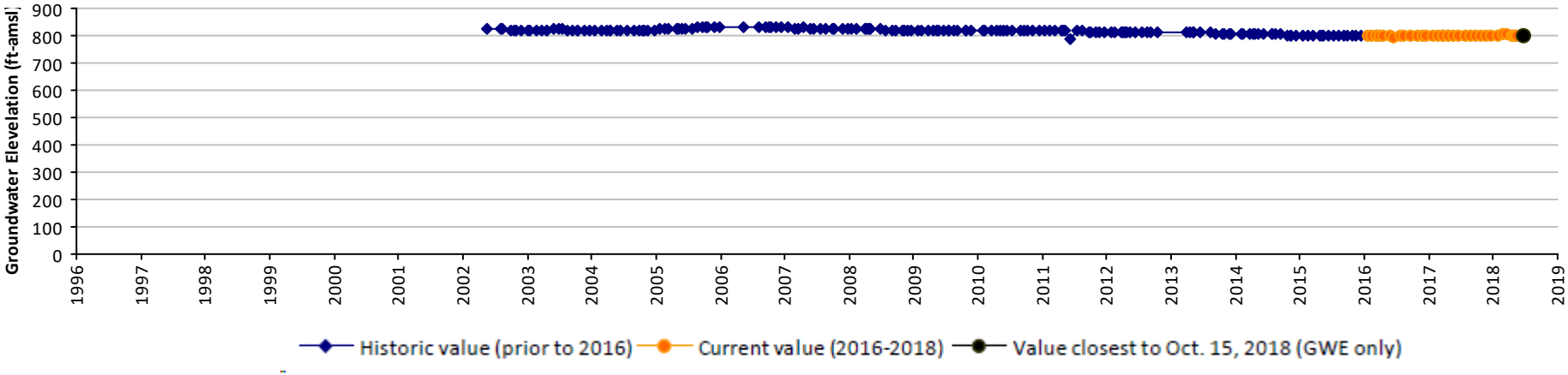


Total Dissolved Solids (TDS)

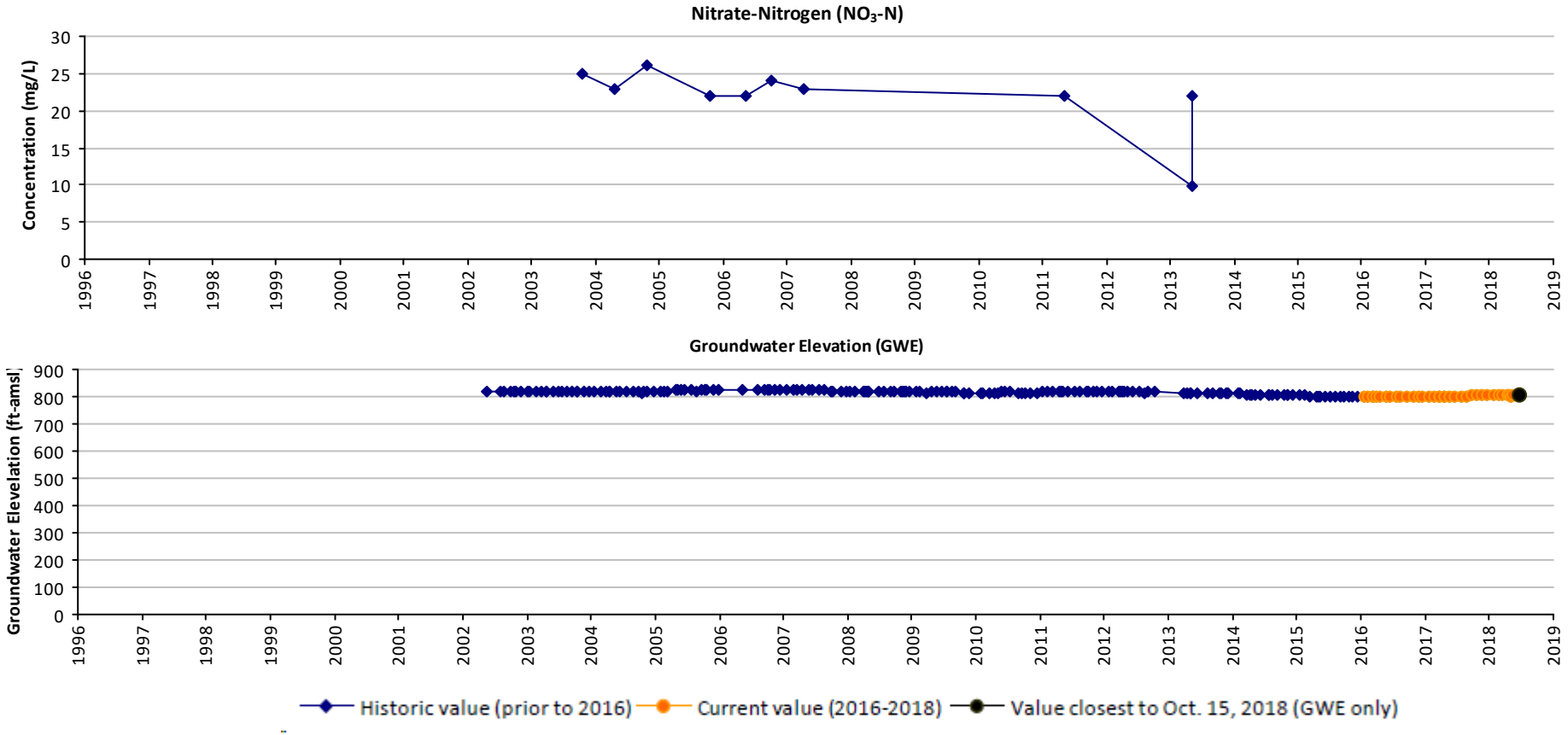
Nitrate-Nitrogen (NO_3-N)



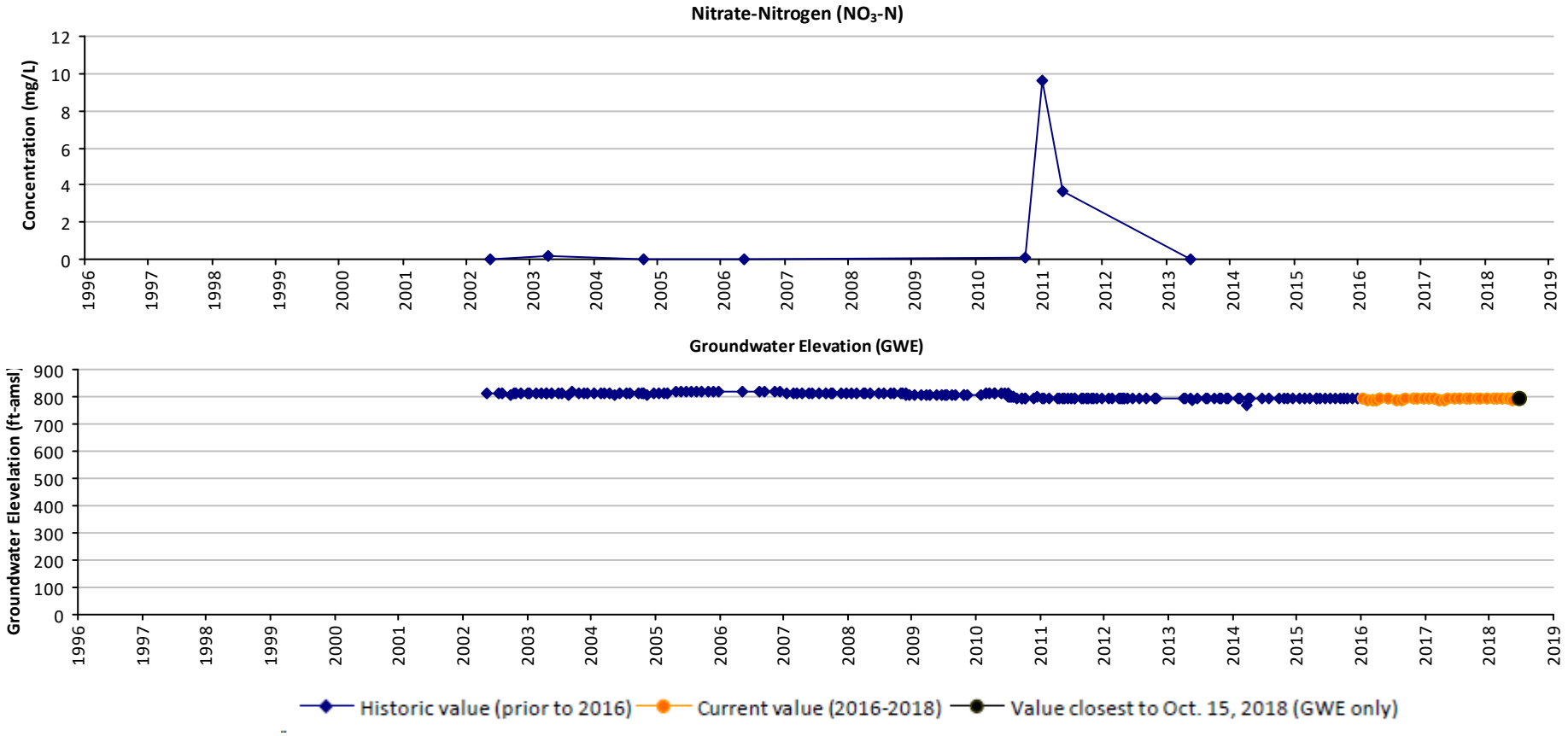
Groundwater Elevation (GWE)



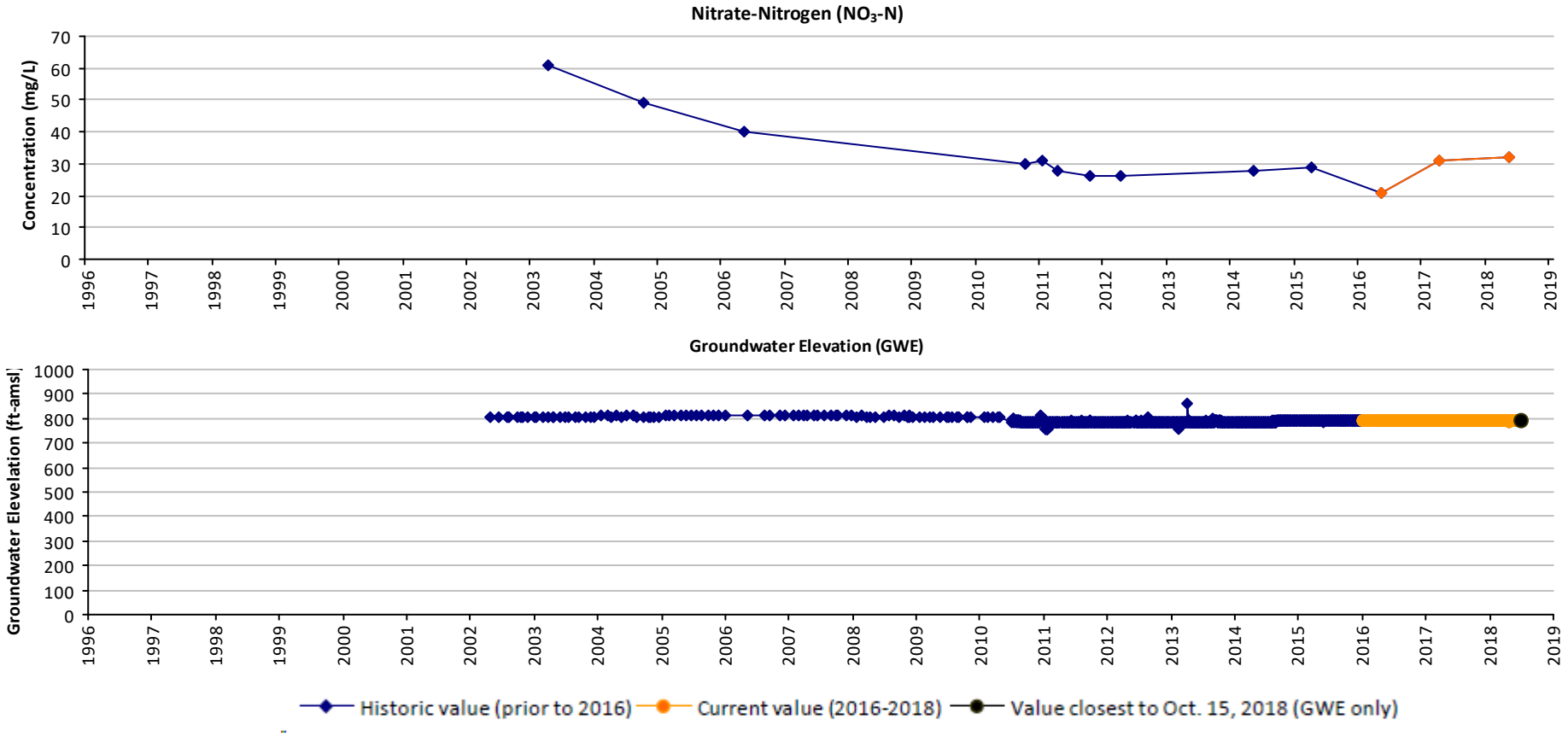
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

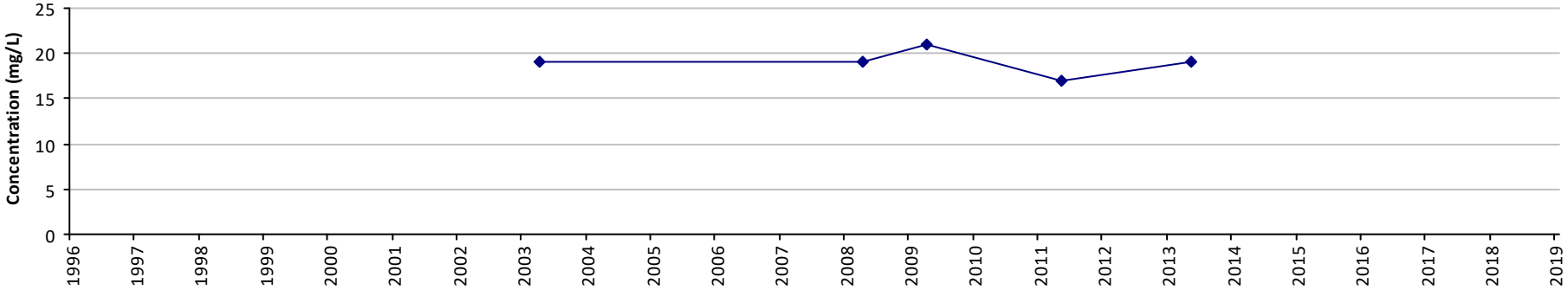


Total Dissolved Solids (TDS)

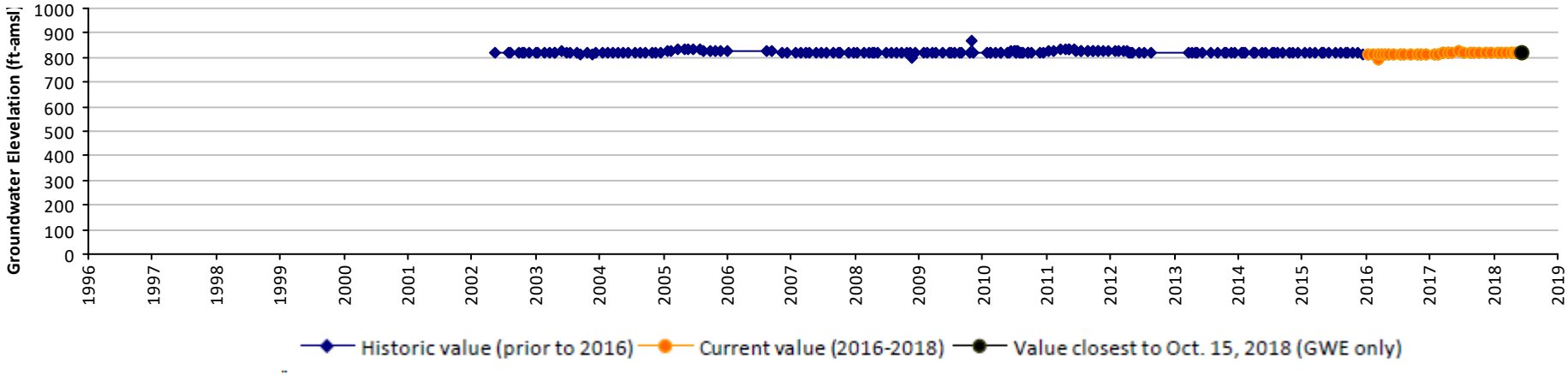


Total Dissolved Solids (TDS)

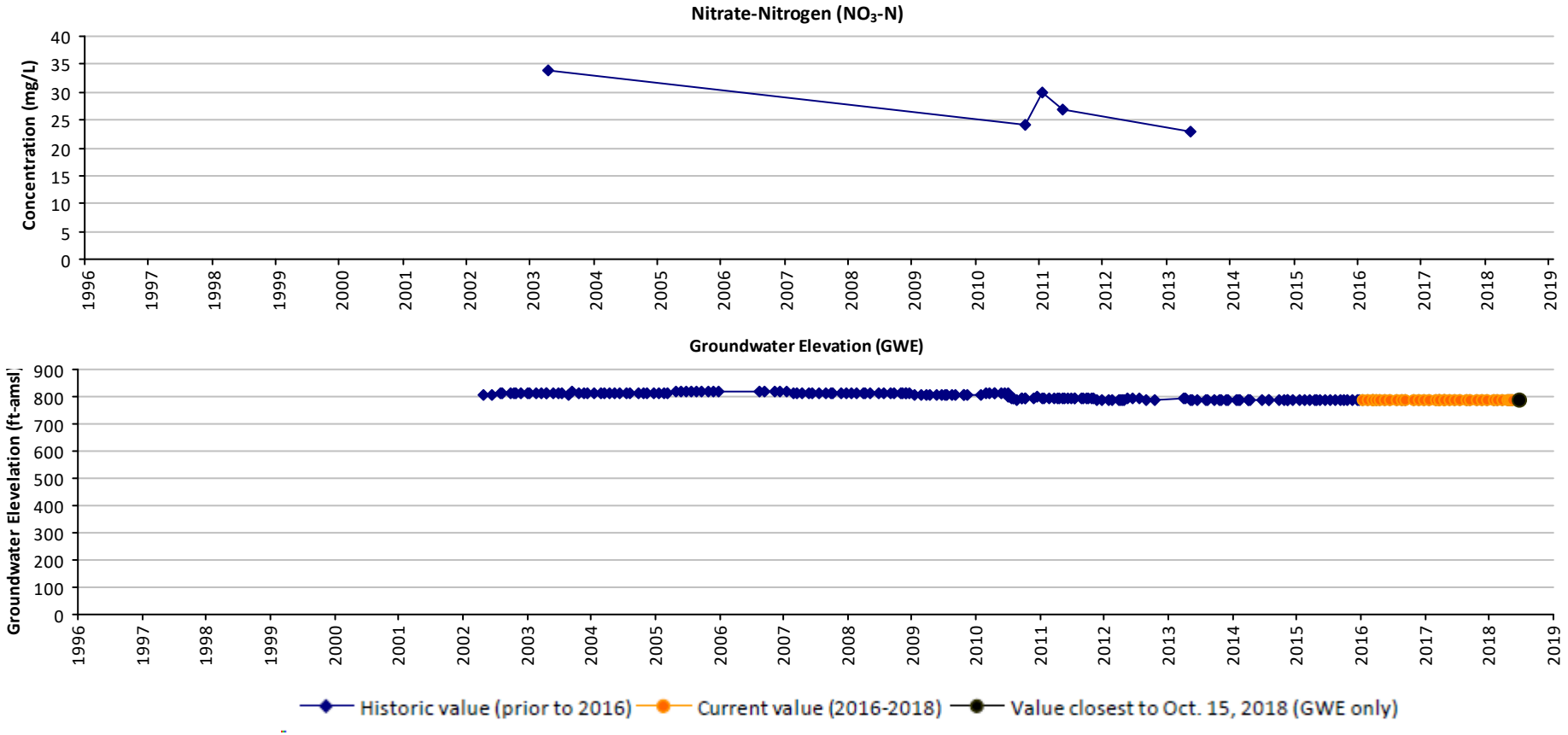
Nitrate-Nitrogen (NO_3-N)



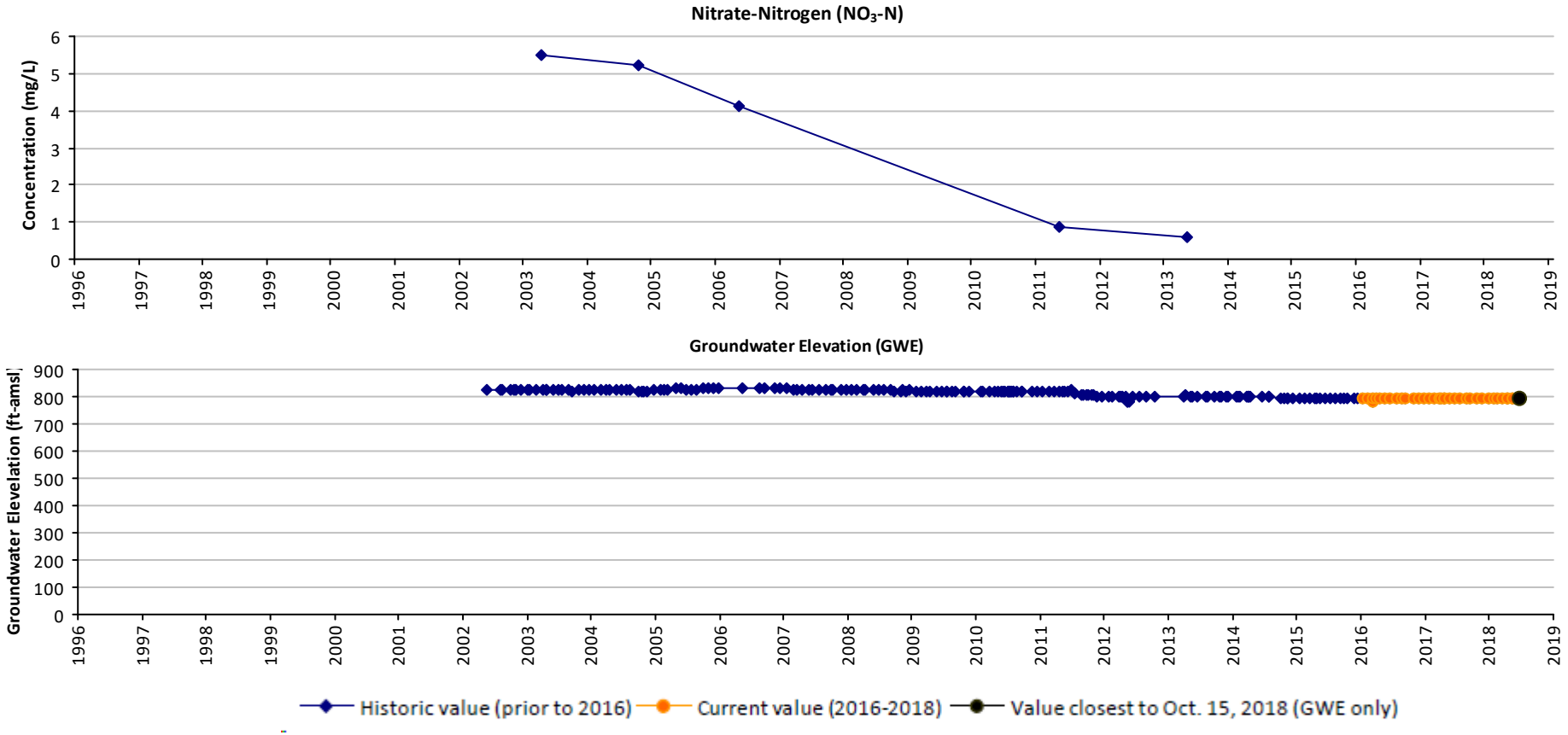
Groundwater Elevation (GWE)

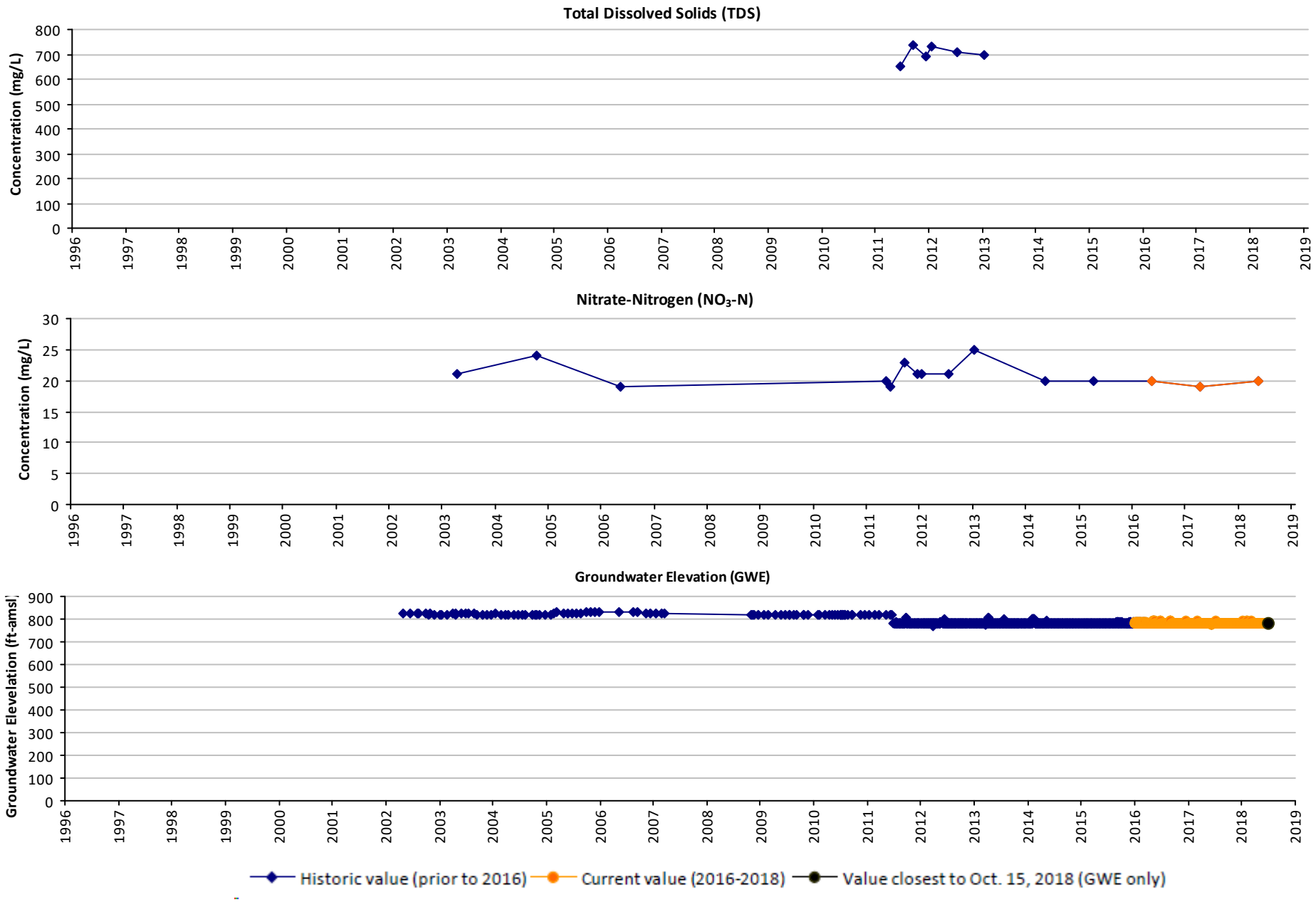


Total Dissolved Solids (TDS)

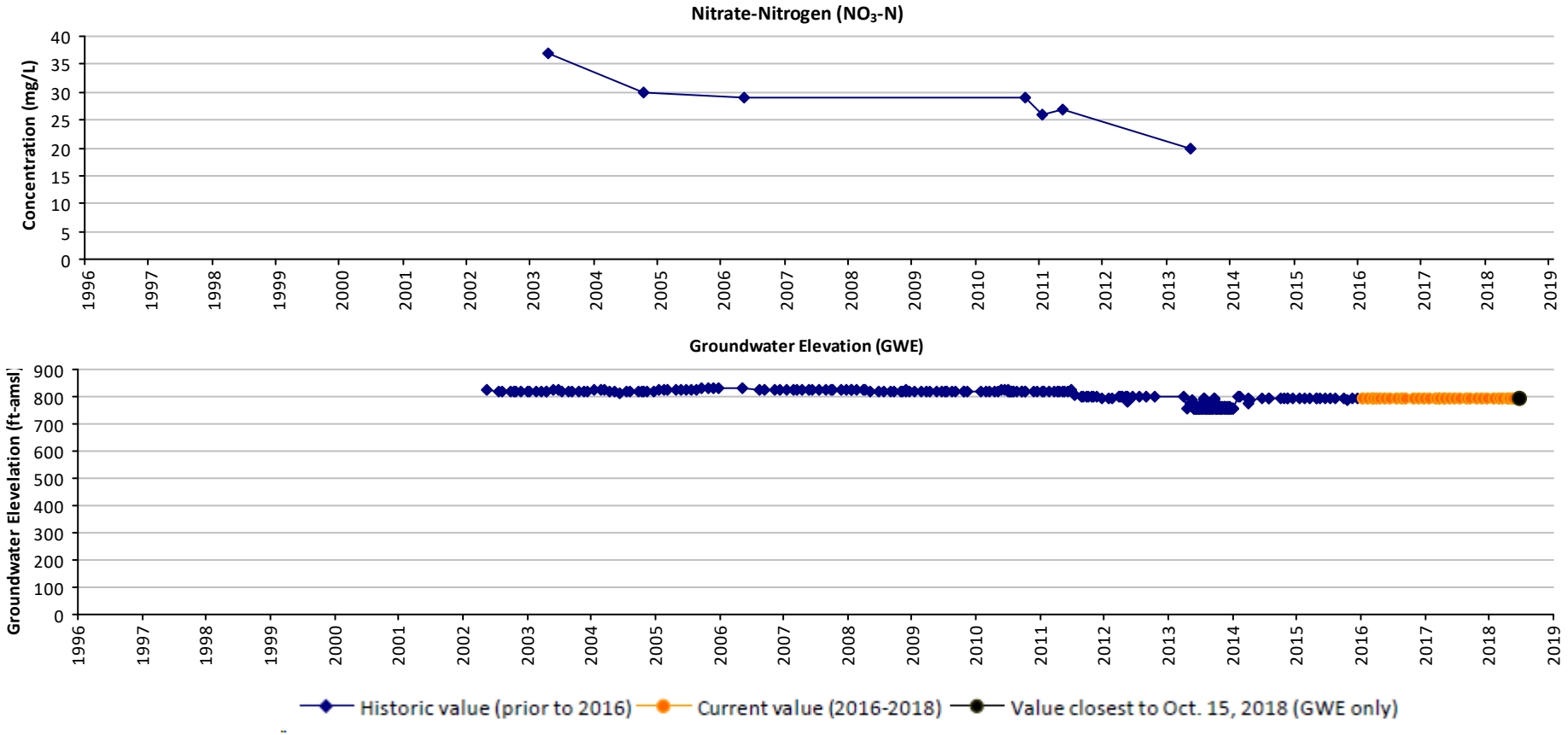


Total Dissolved Solids (TDS)

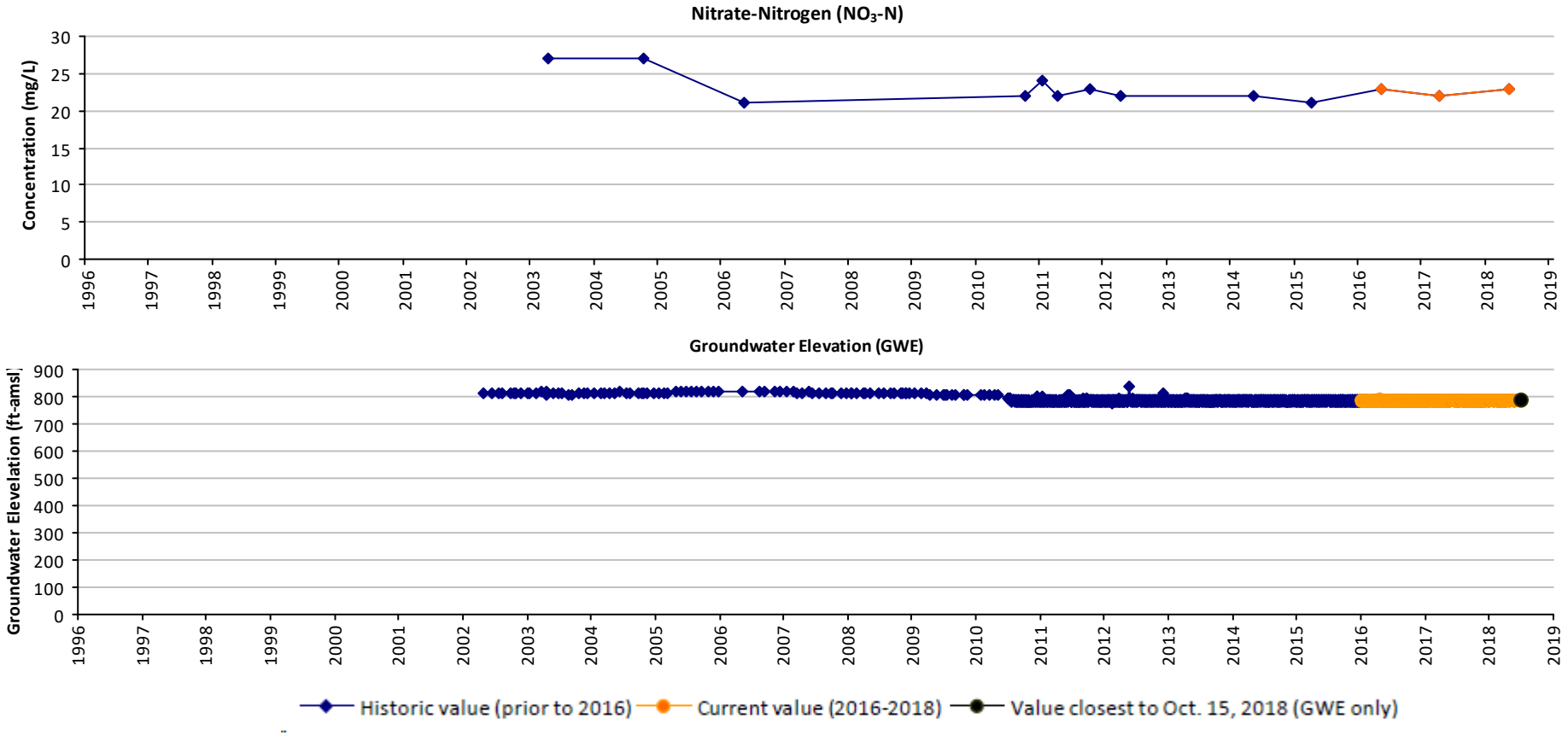



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



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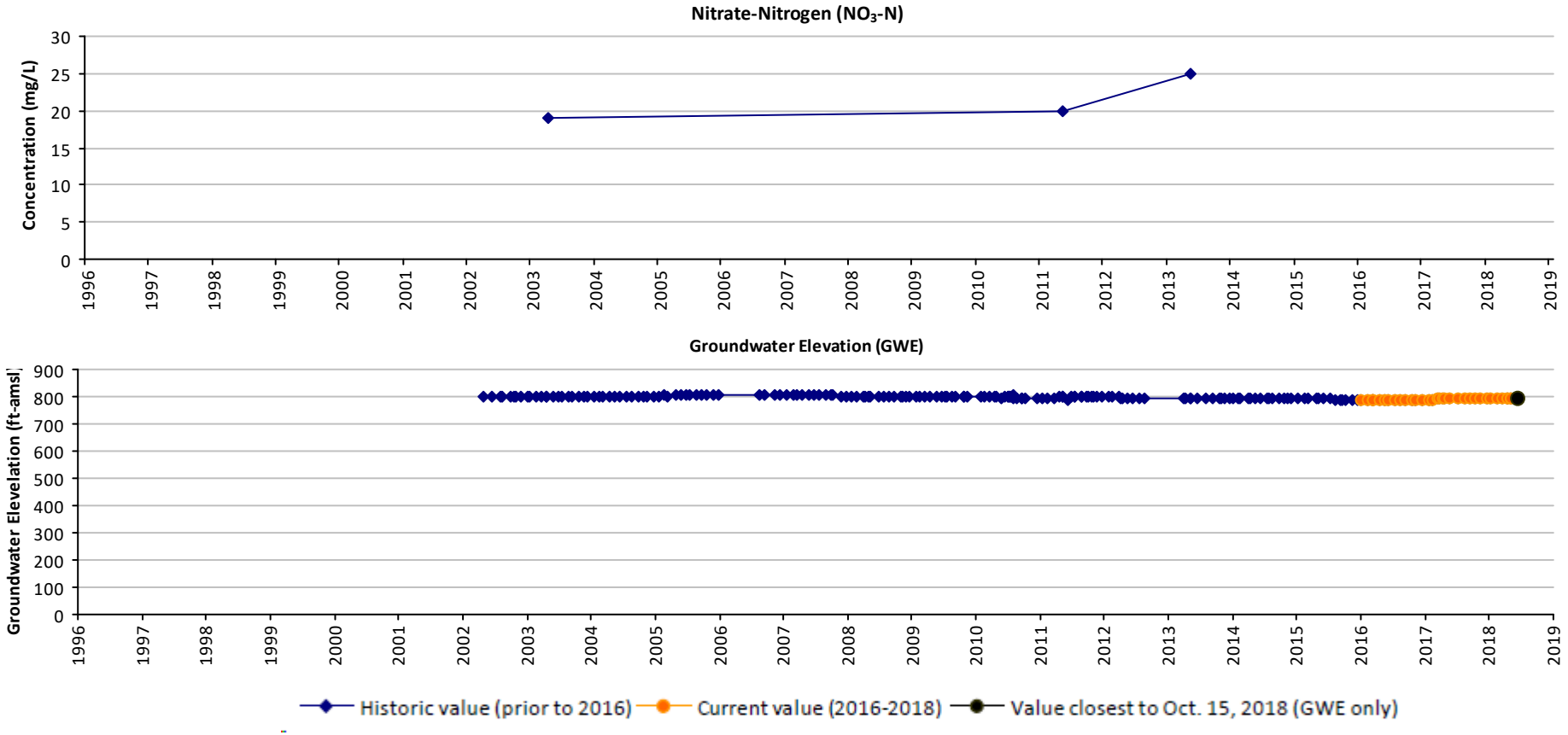
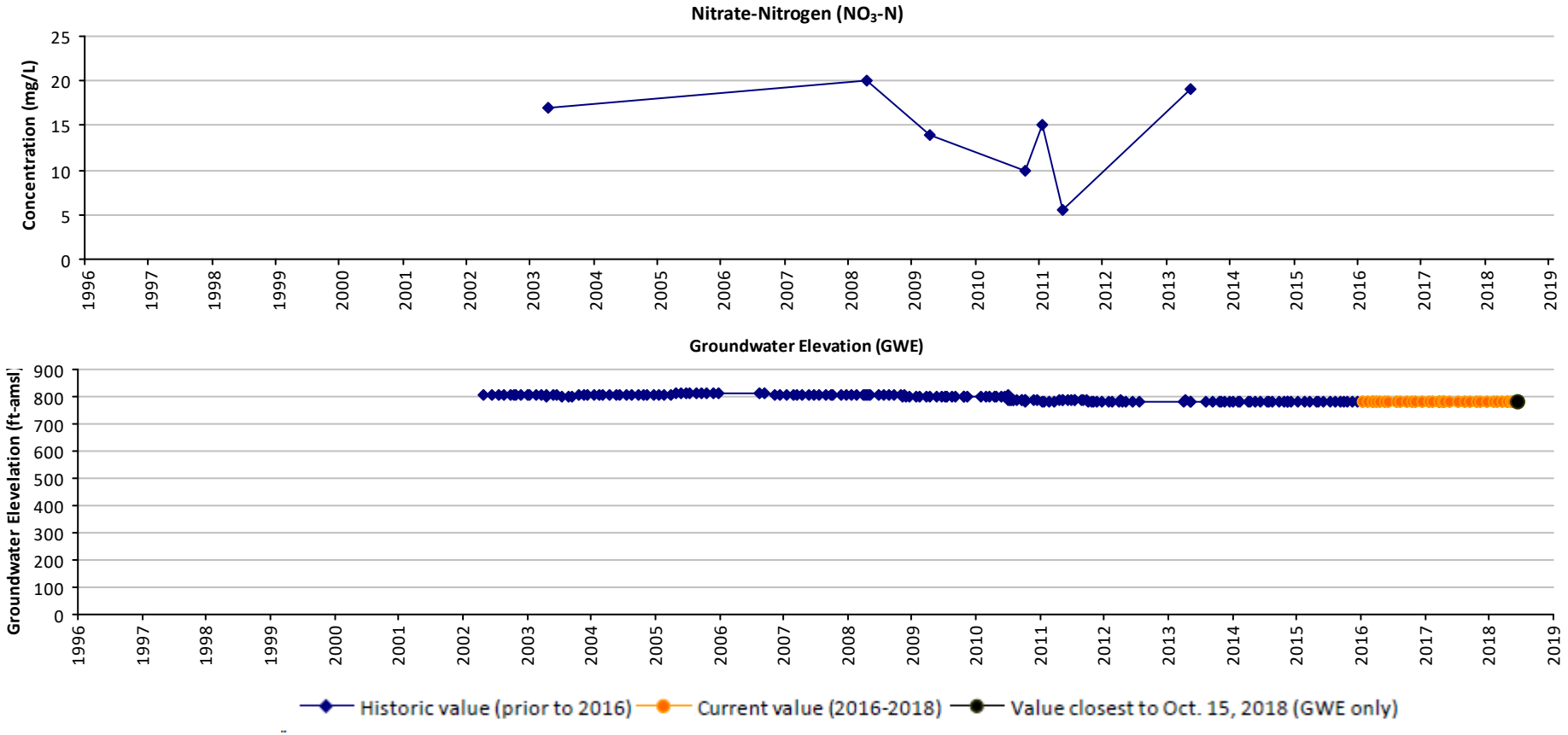
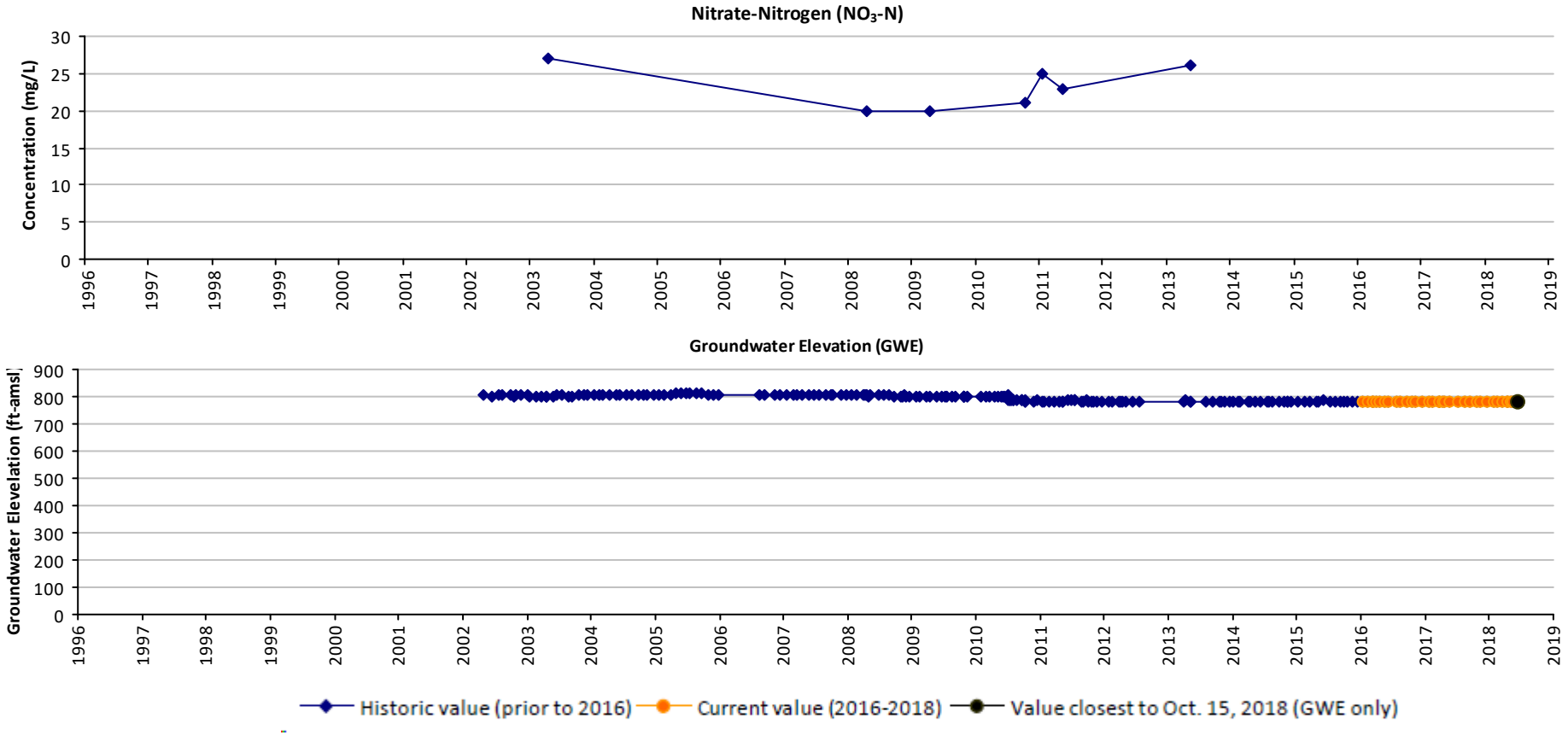


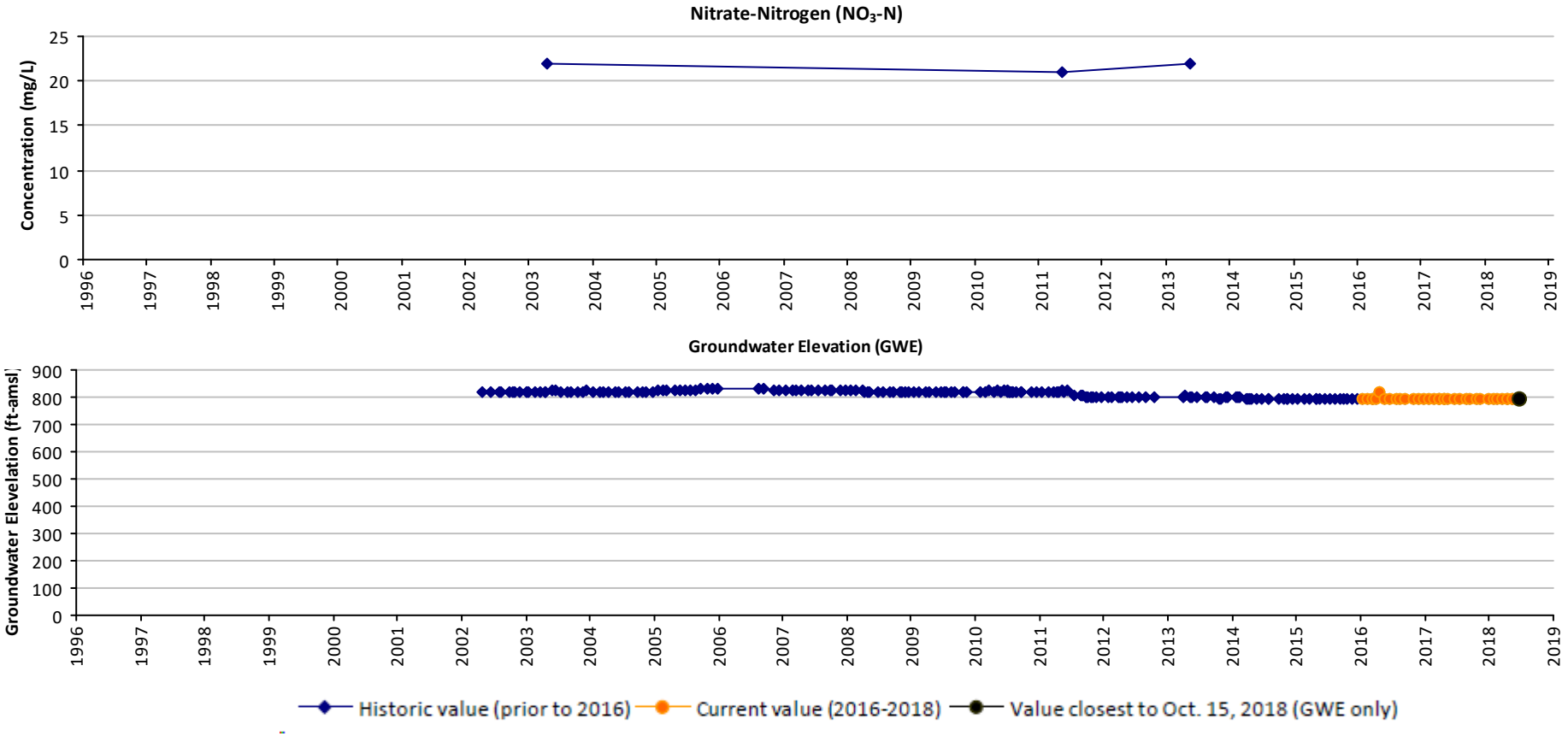
Total Dissolved Solids (TDS)



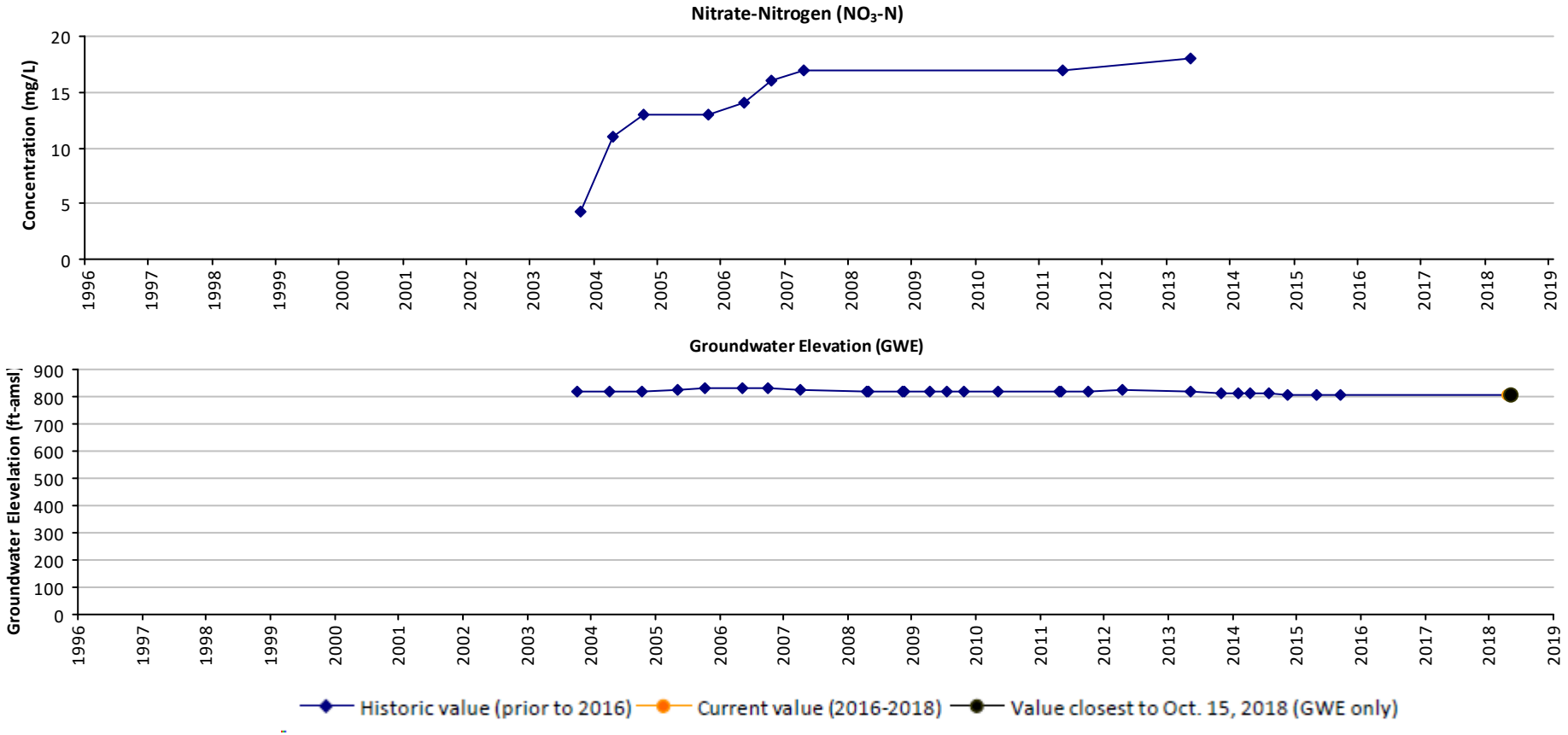
Total Dissolved Solids (TDS)



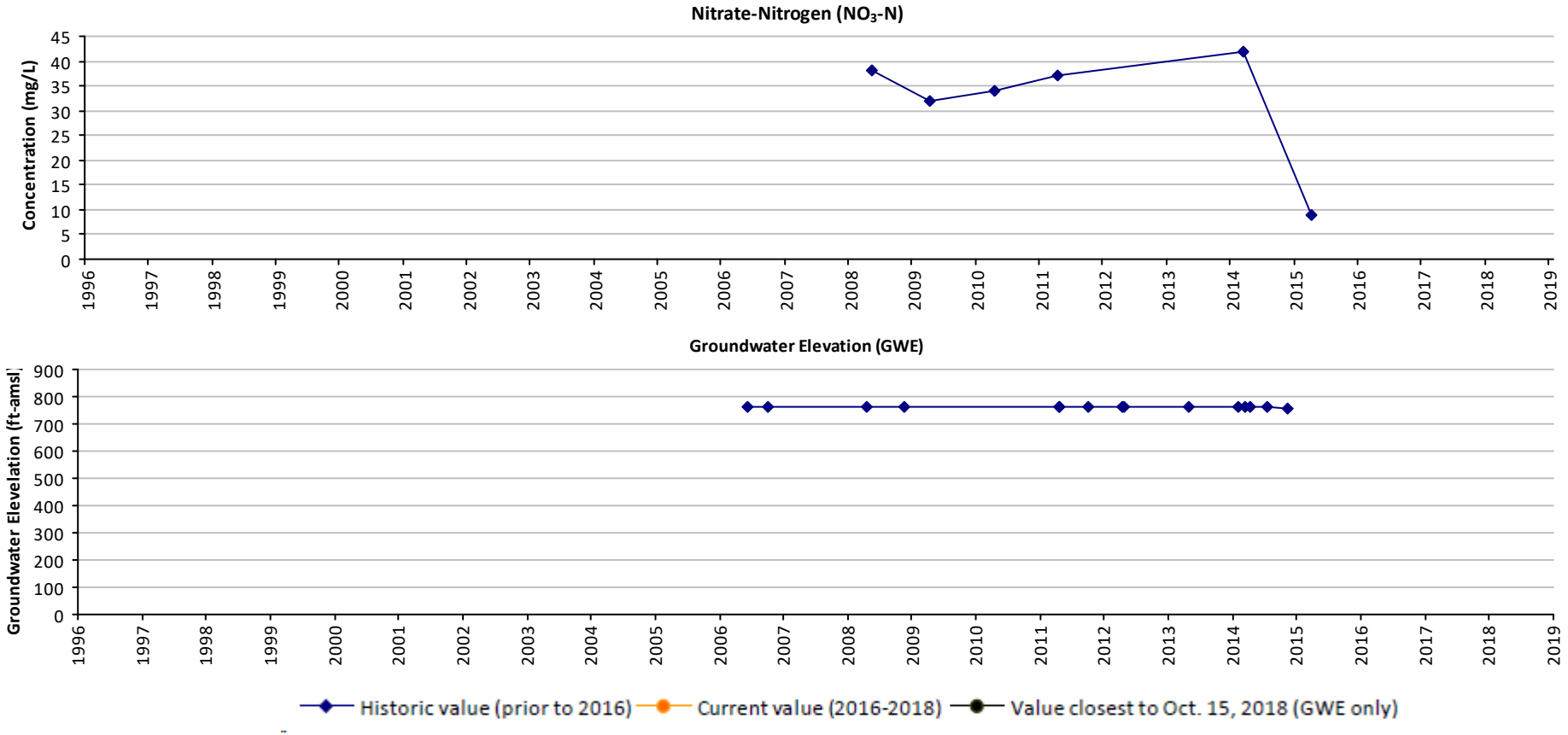
Total Dissolved Solids (TDS)

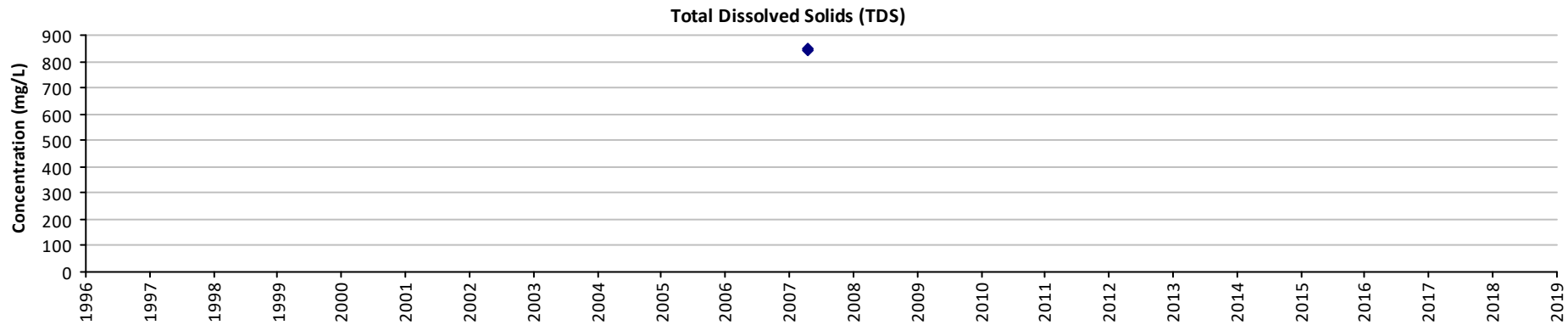


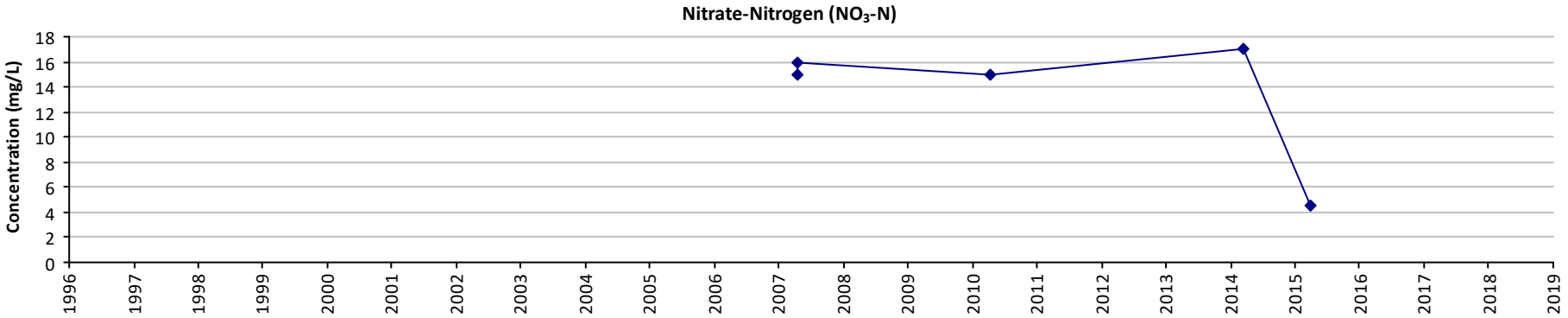
Total Dissolved Solids (TDS)

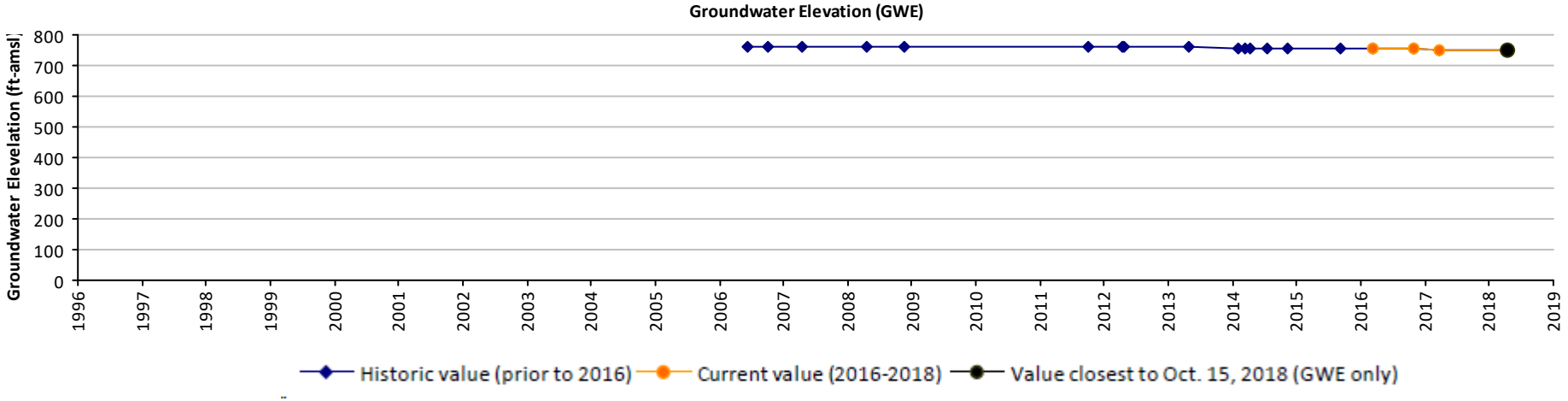


Total Dissolved Solids (TDS)

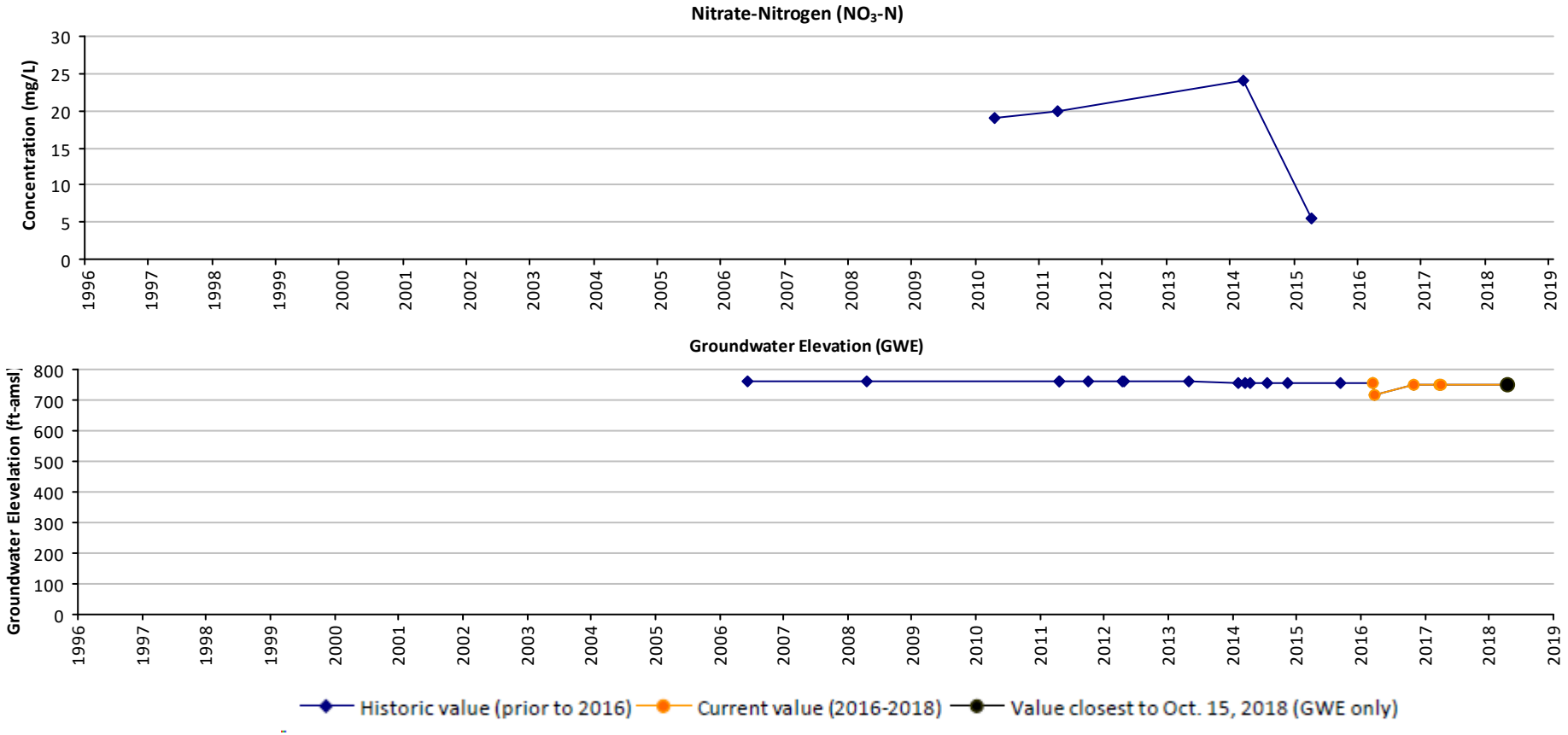



Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

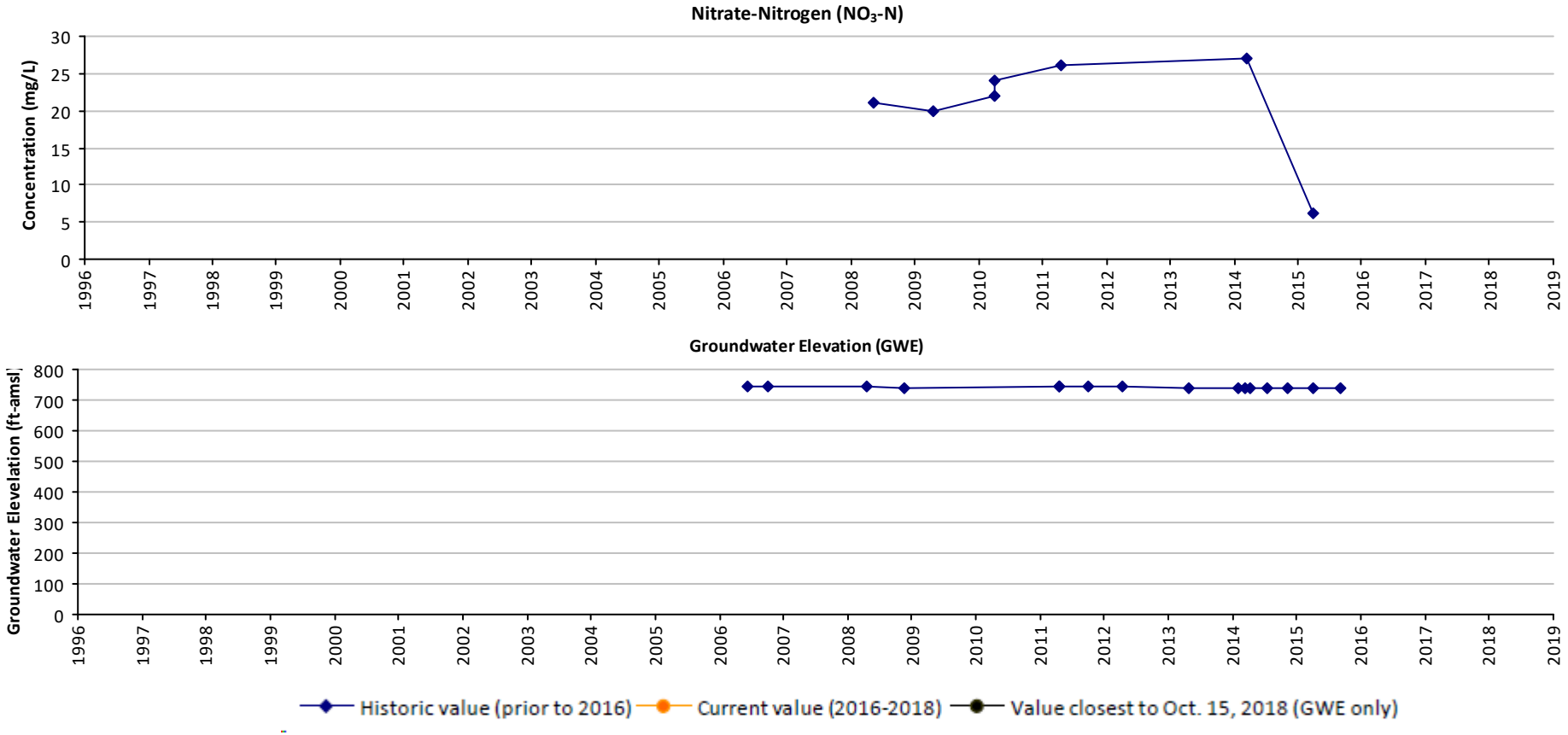

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

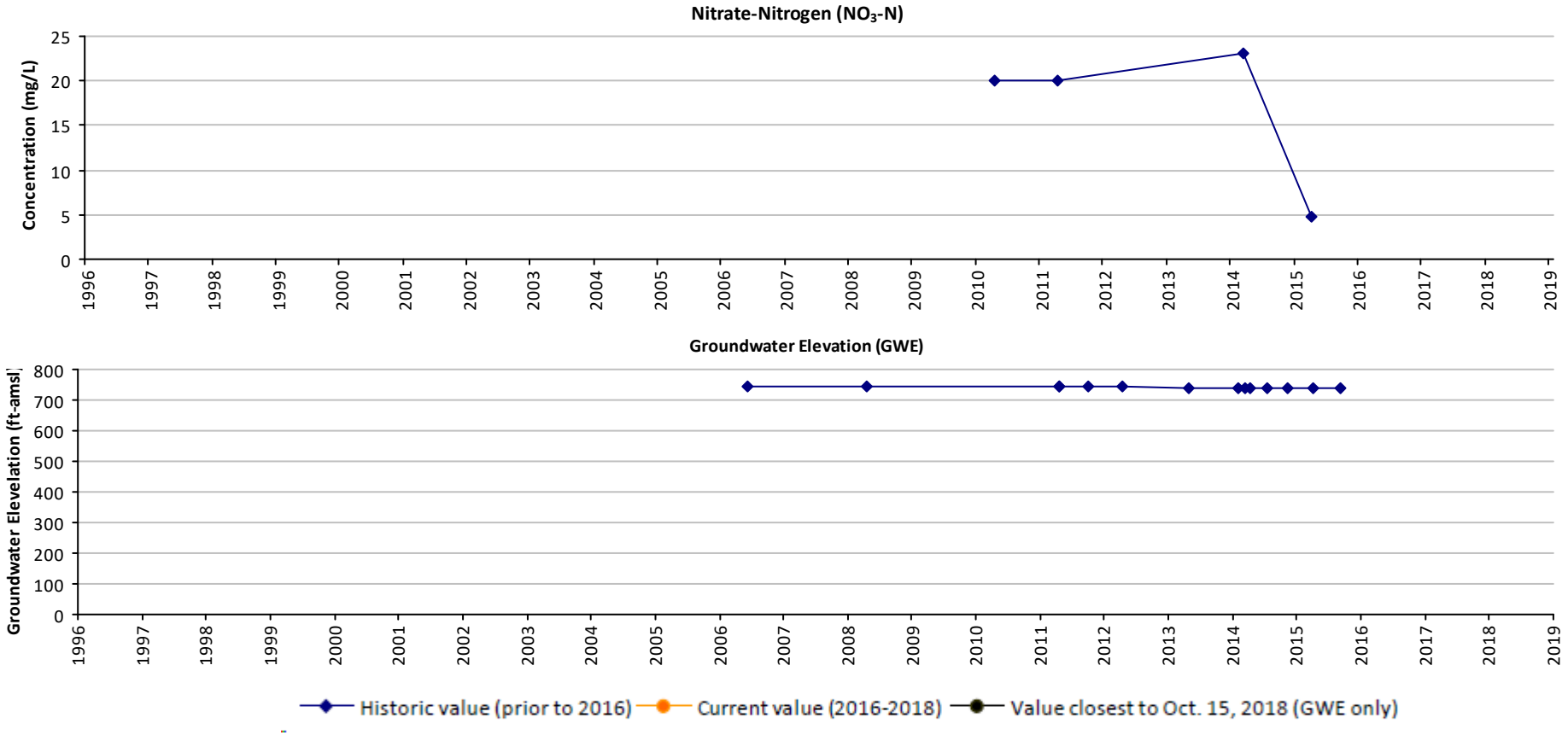
Total Dissolved Solids (TDS)



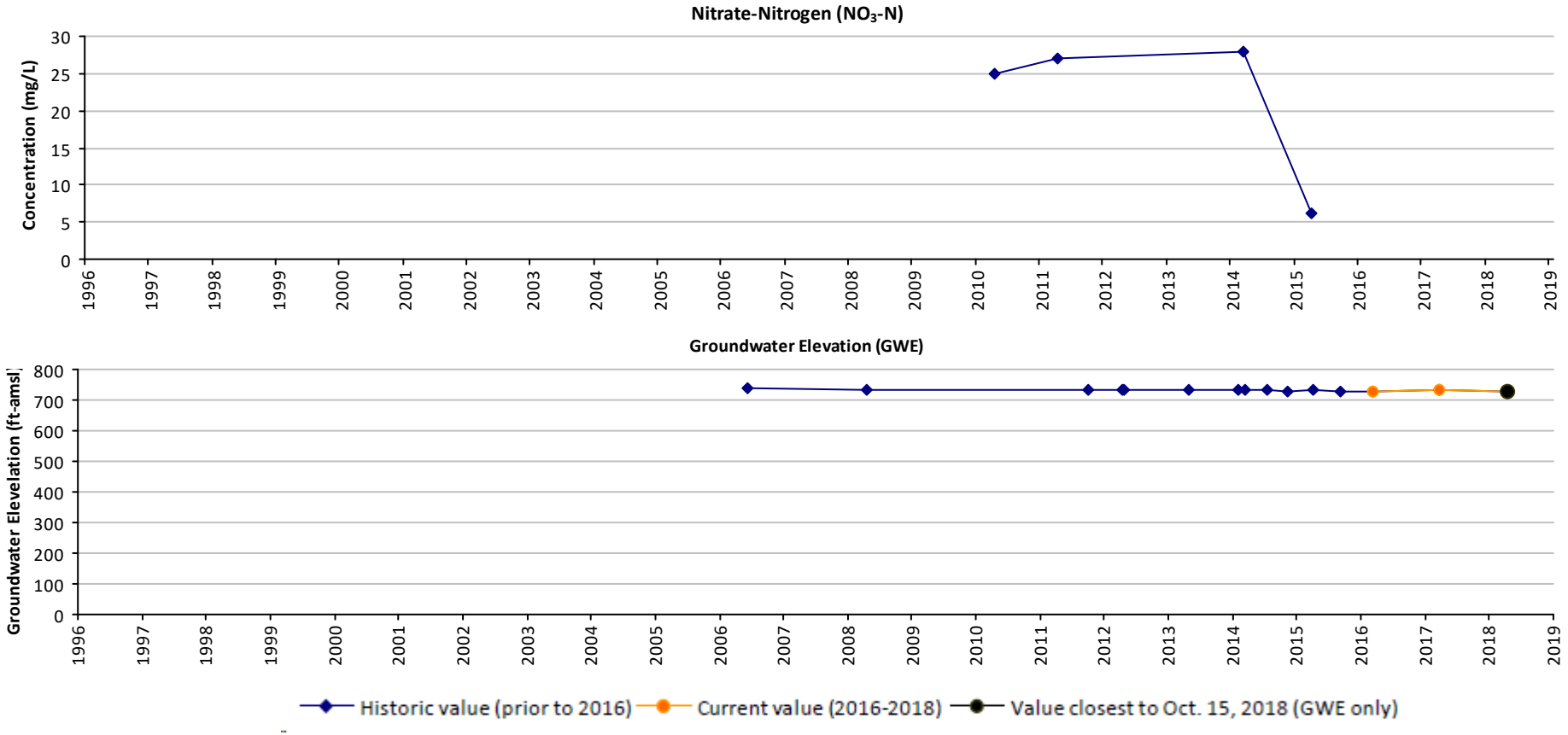
Total Dissolved Solids (TDS)



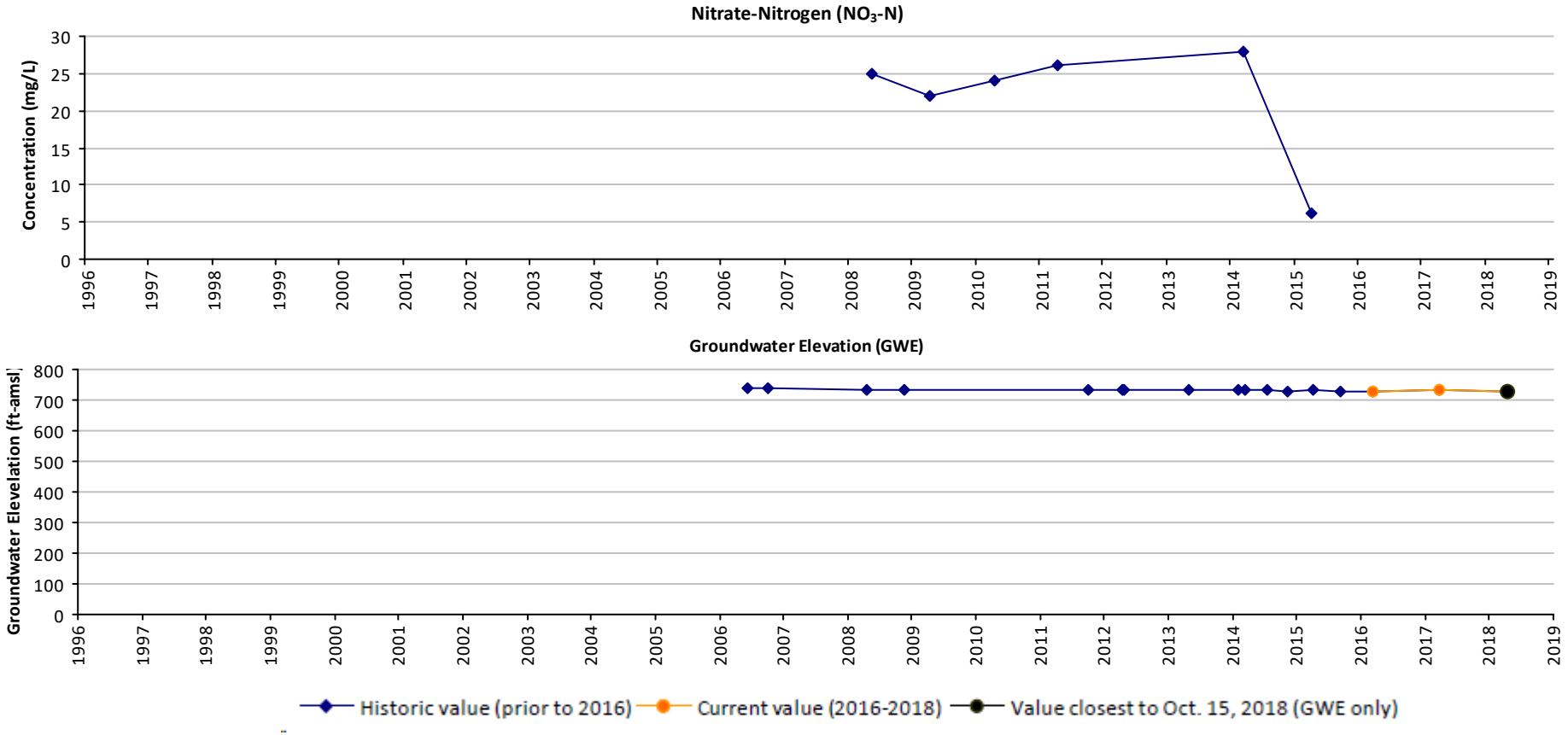
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

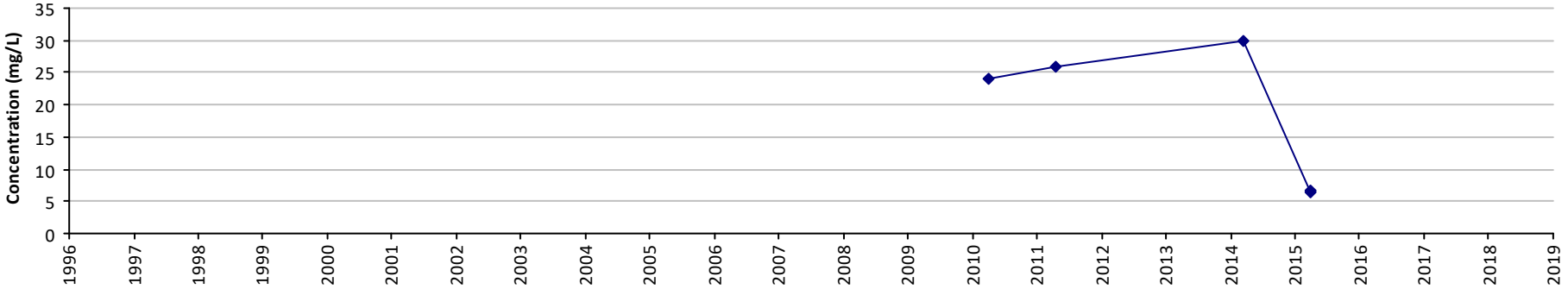


Total Dissolved Solids (TDS)

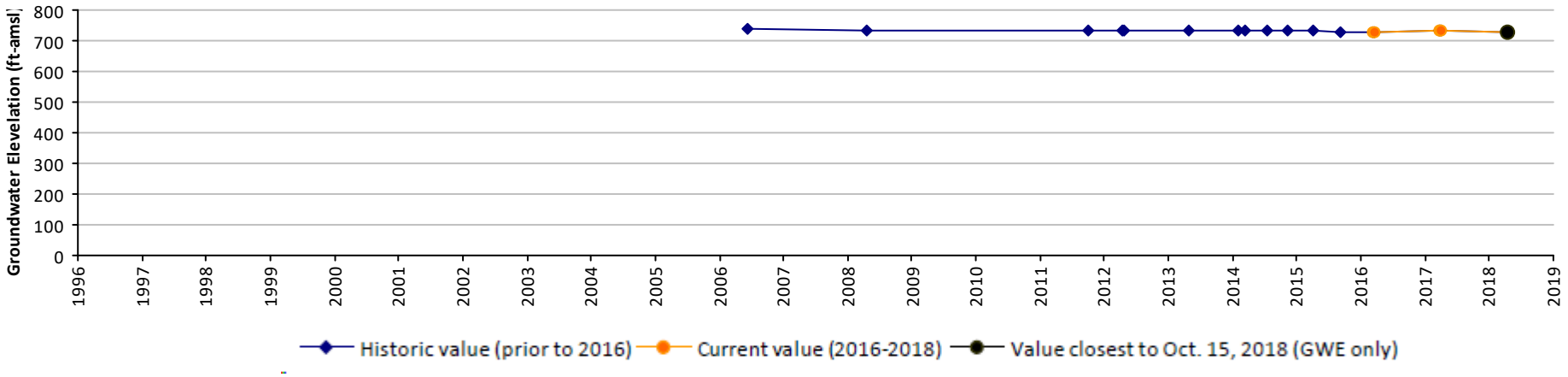


Total Dissolved Solids (TDS)

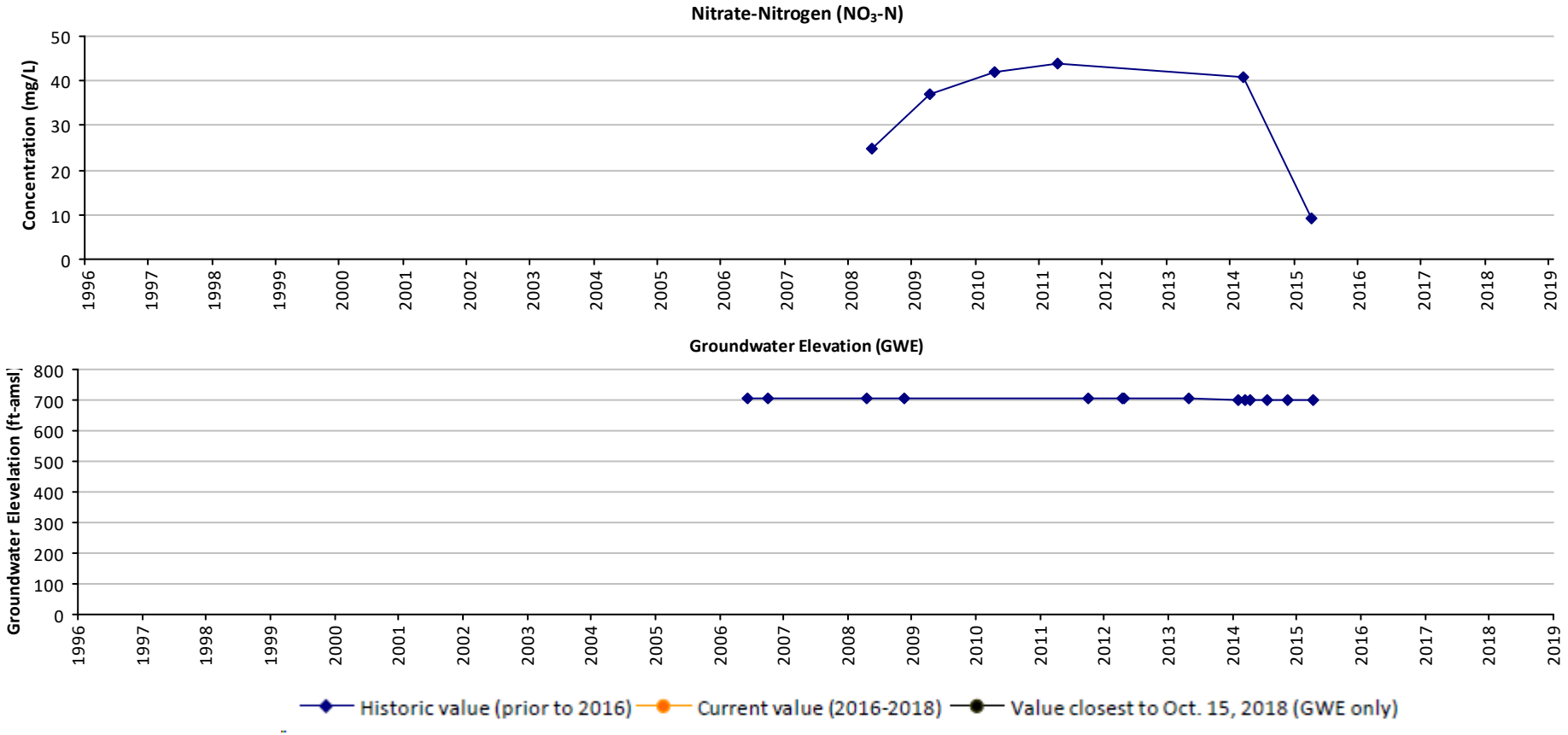
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

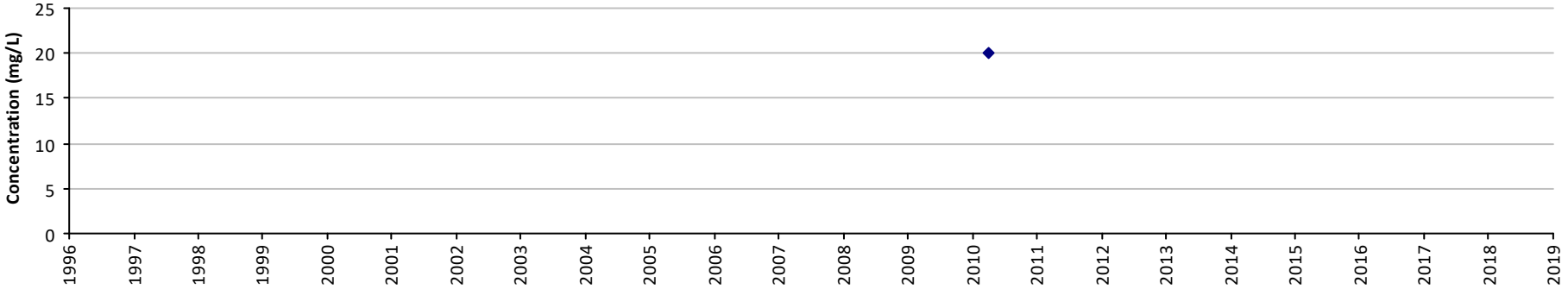


Total Dissolved Solids (TDS)

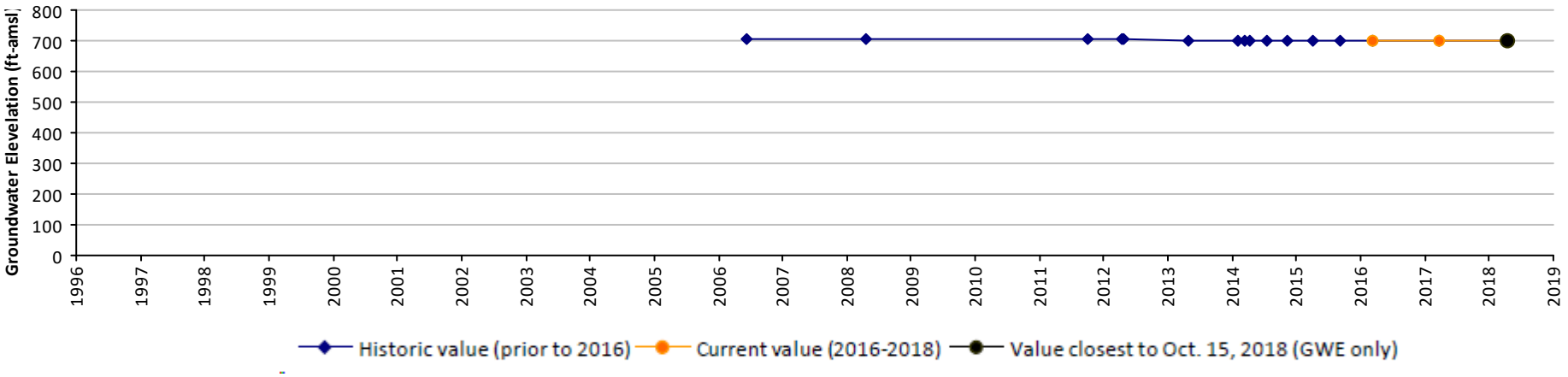


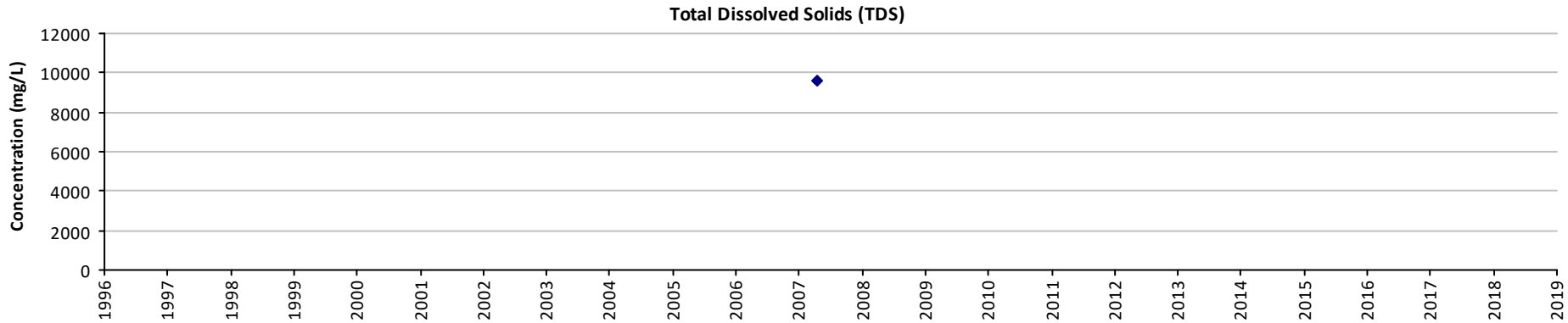
Total Dissolved Solids (TDS)

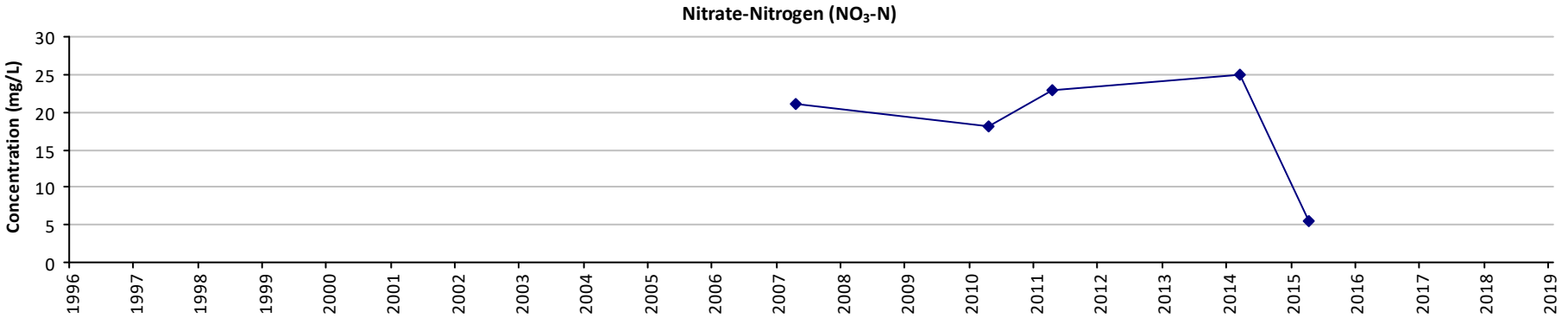
Nitrate-Nitrogen (NO_3-N)

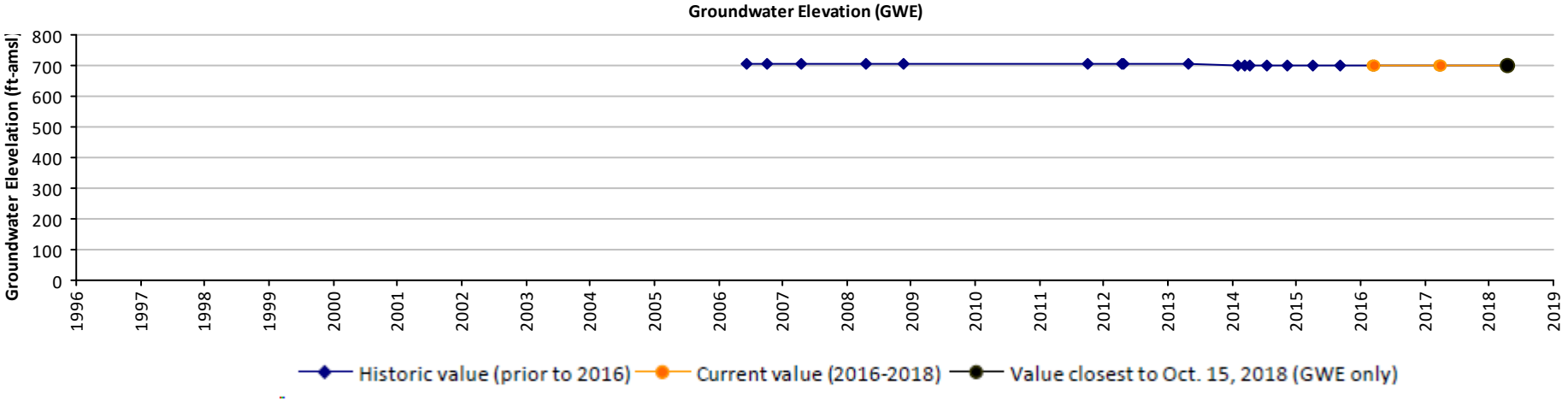


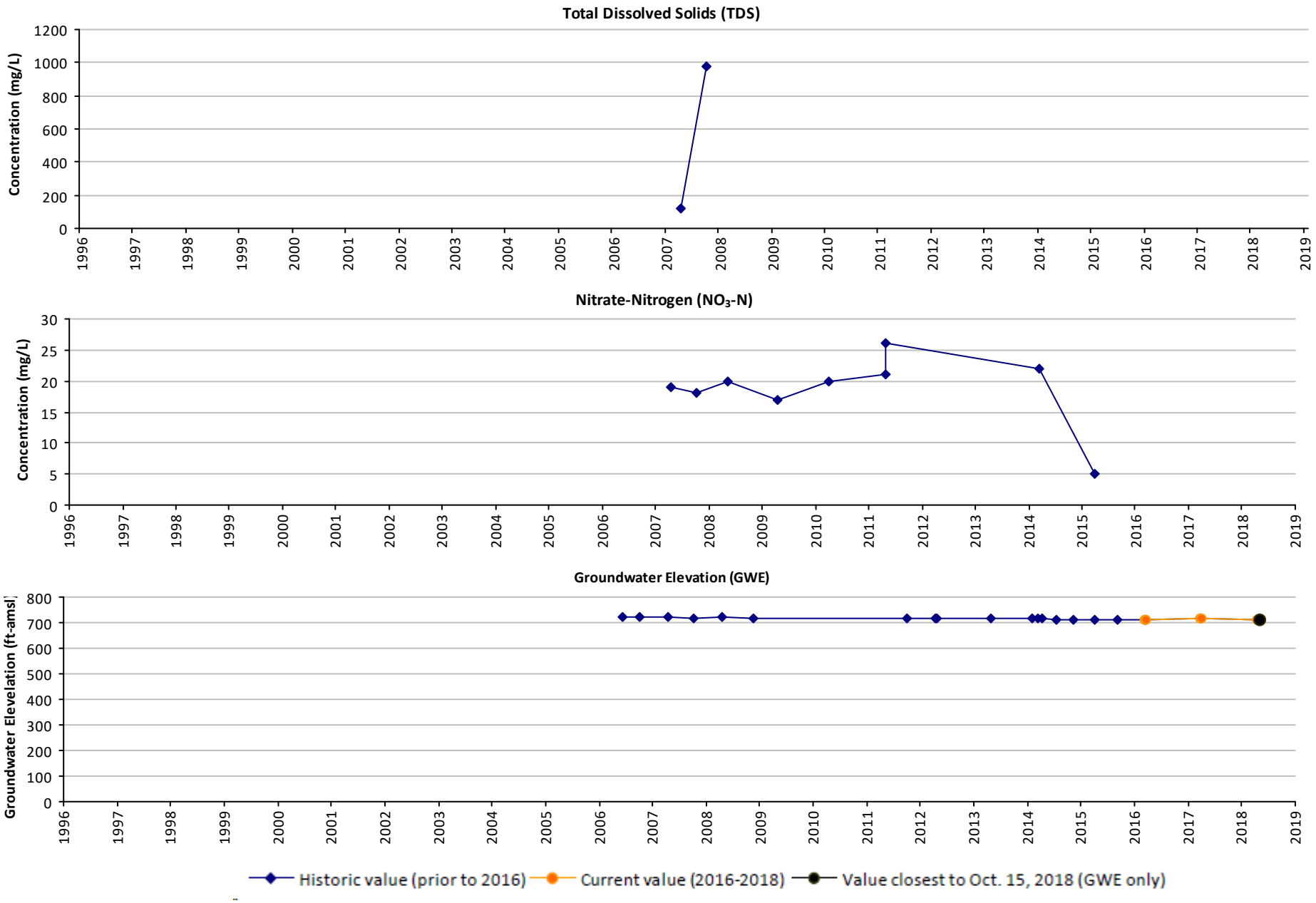
Groundwater Elevation (GWE)



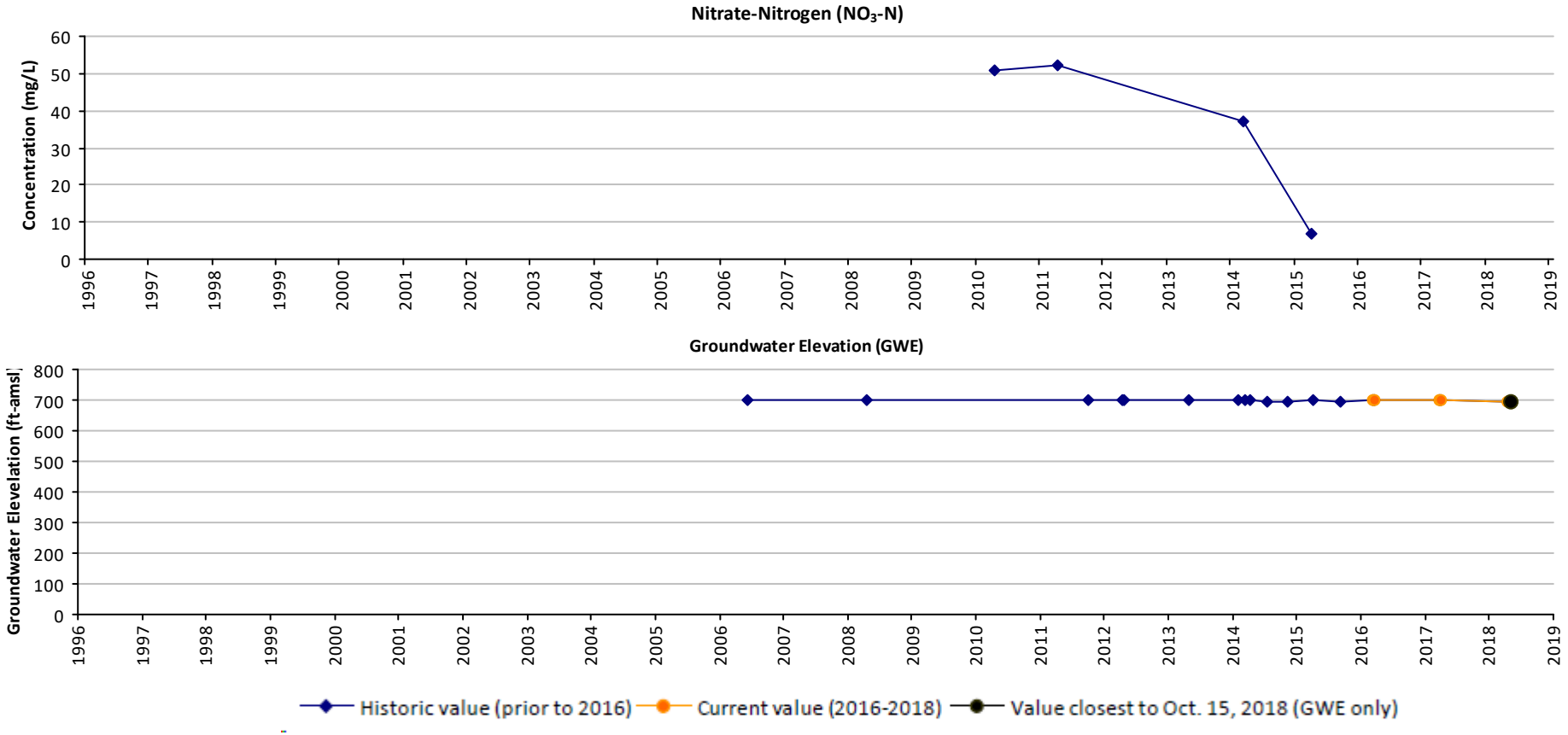

Total Dissolved Solids (TDS)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

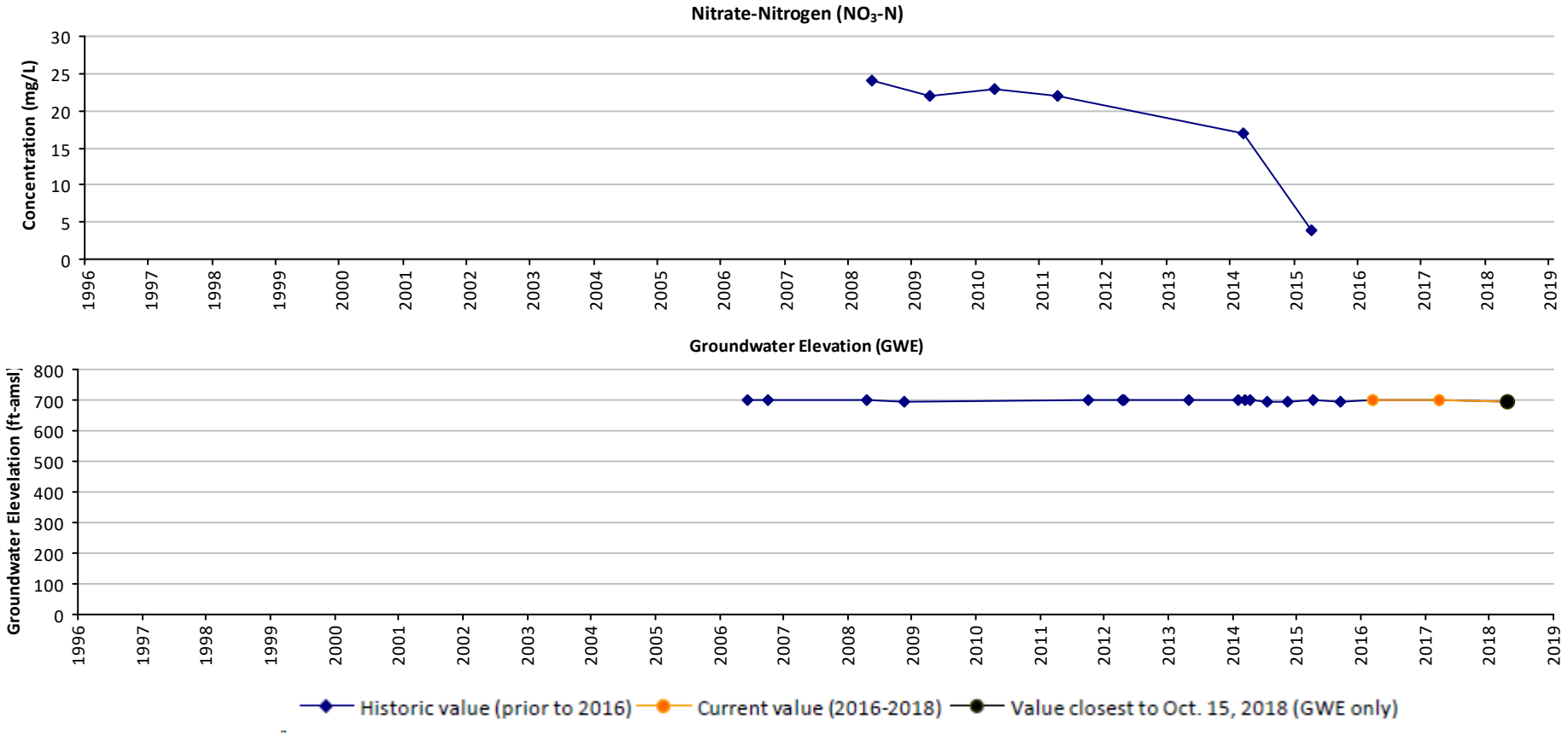

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

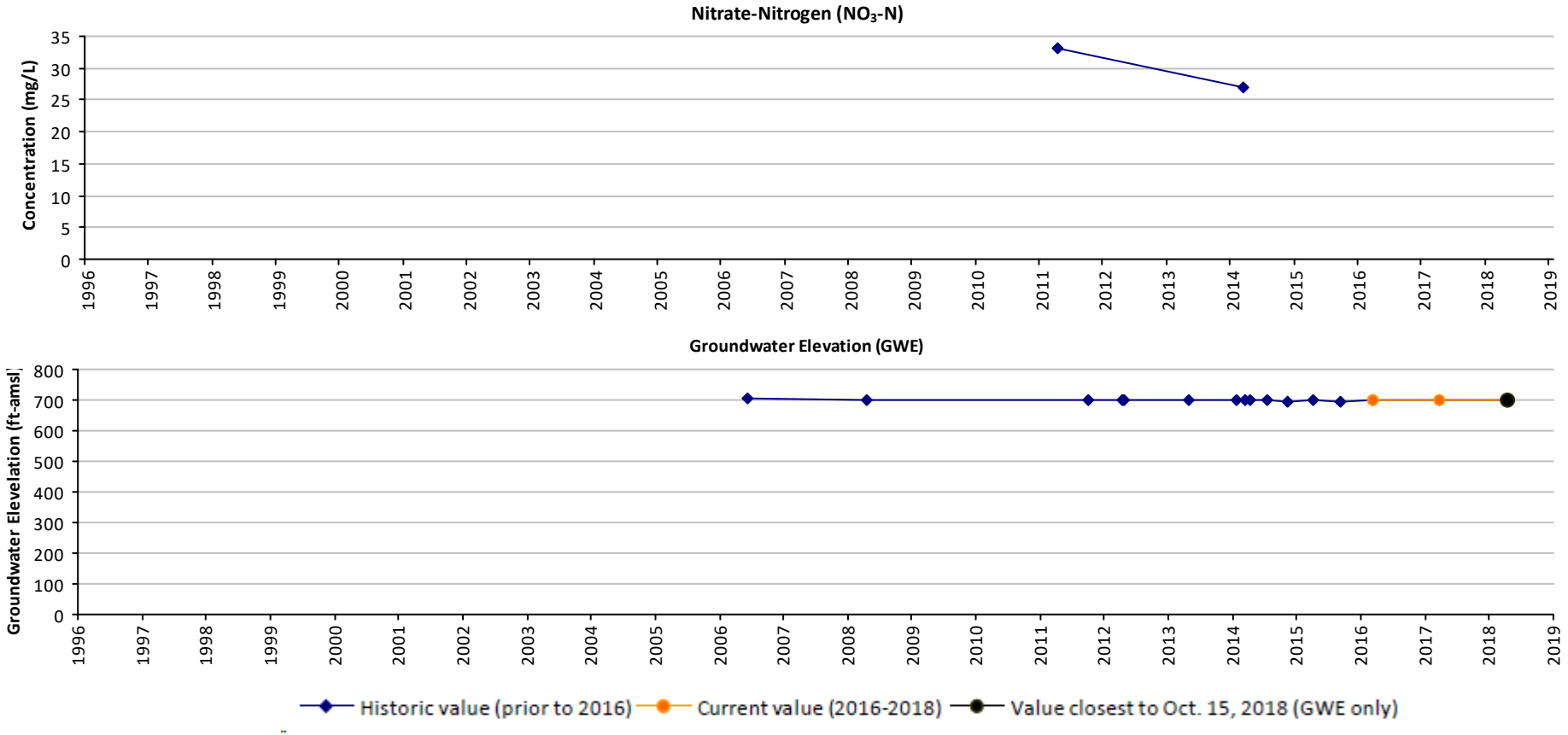
Total Dissolved Solids (TDS)

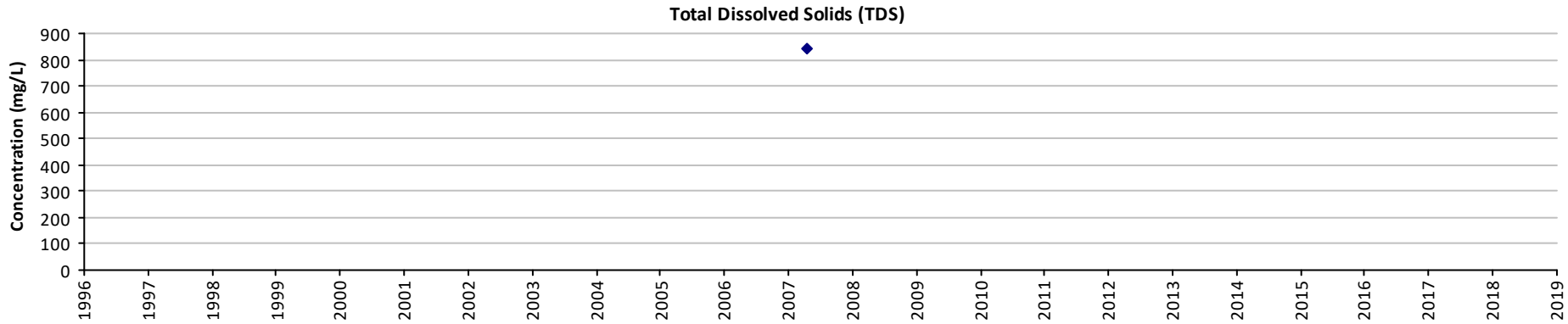


Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
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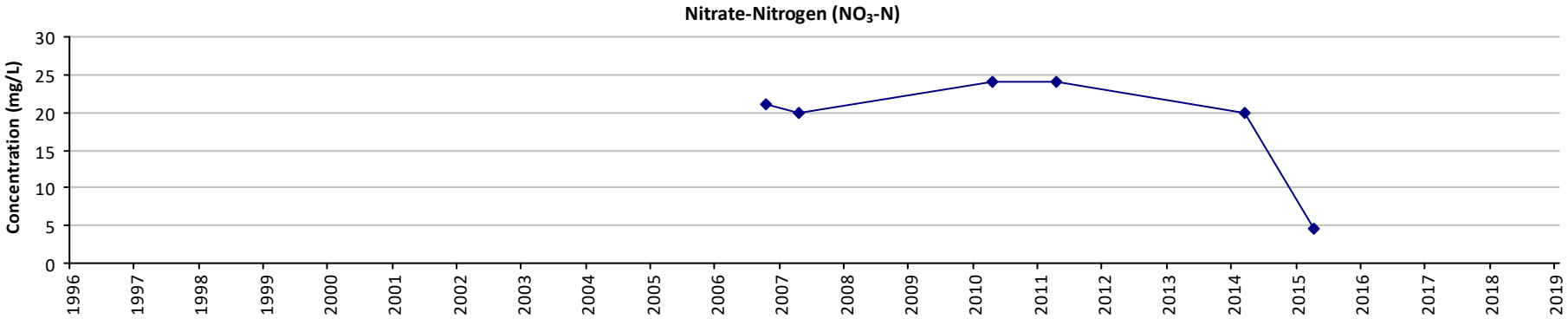
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2010
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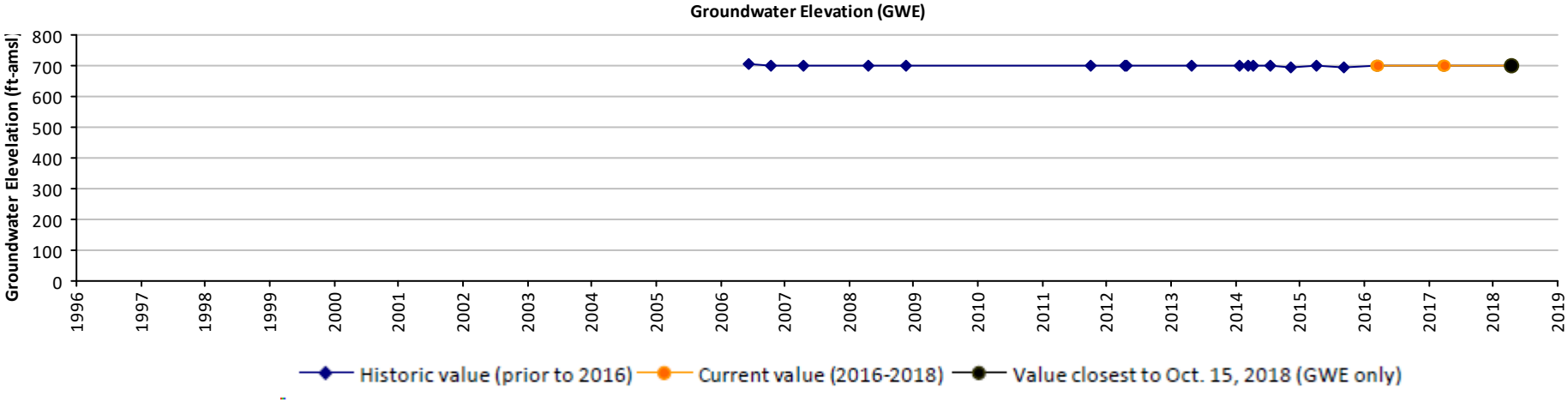
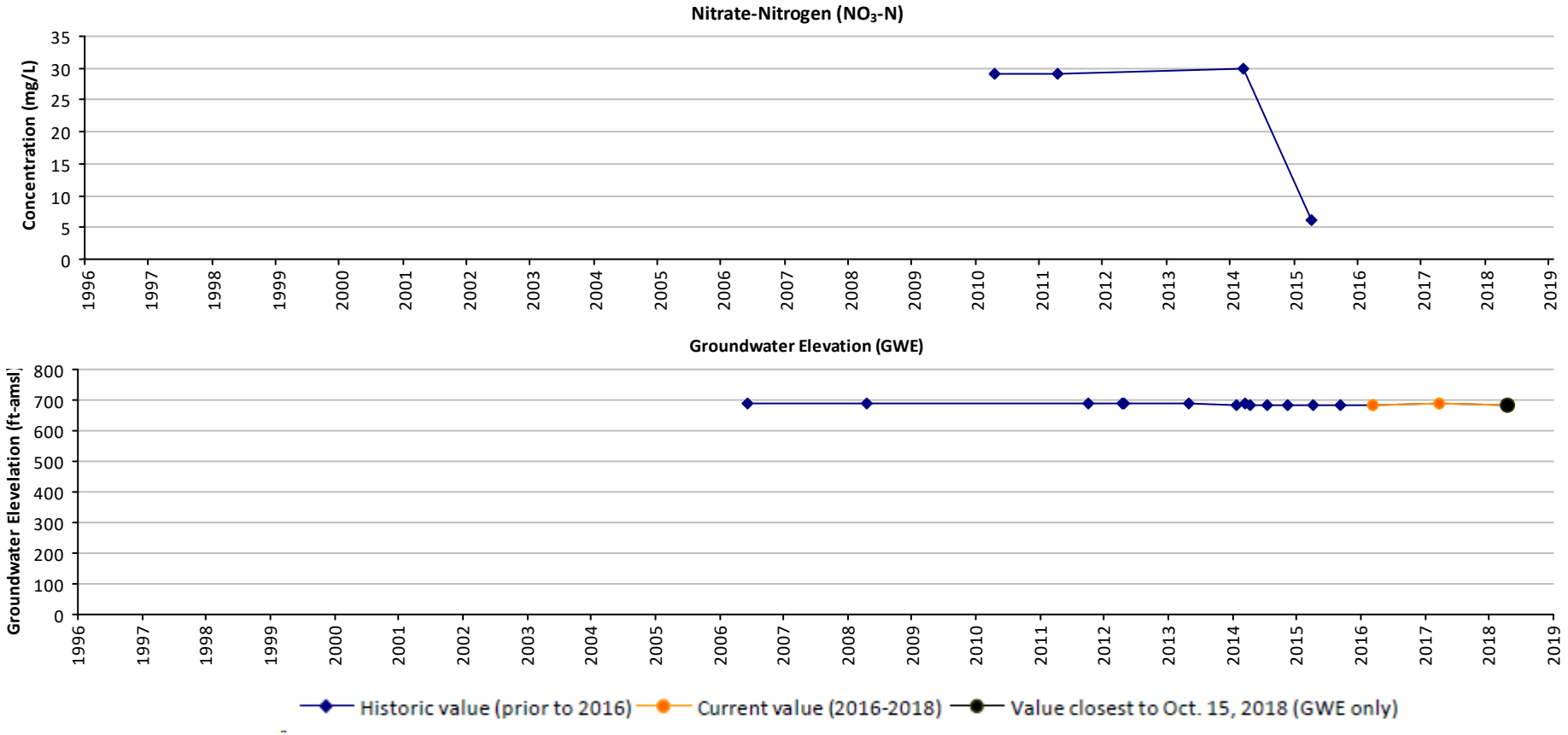
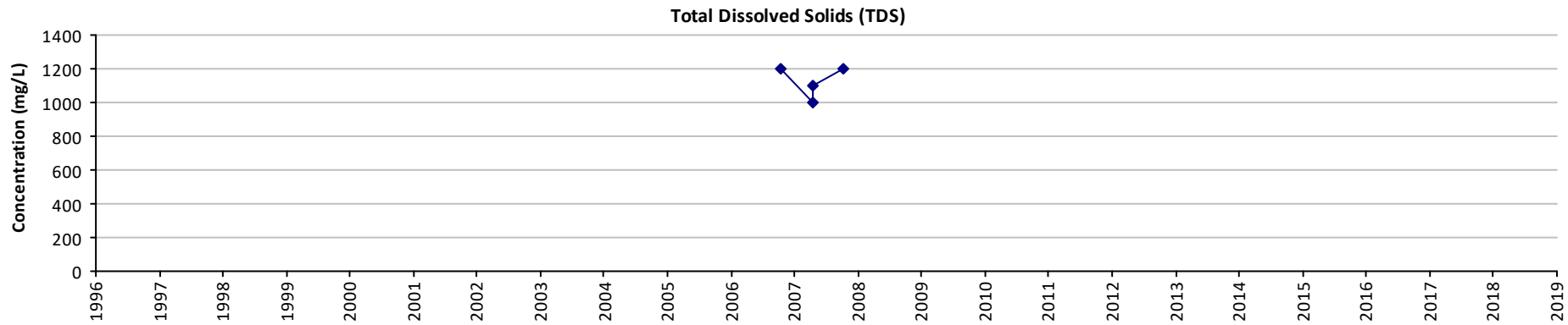
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
2008
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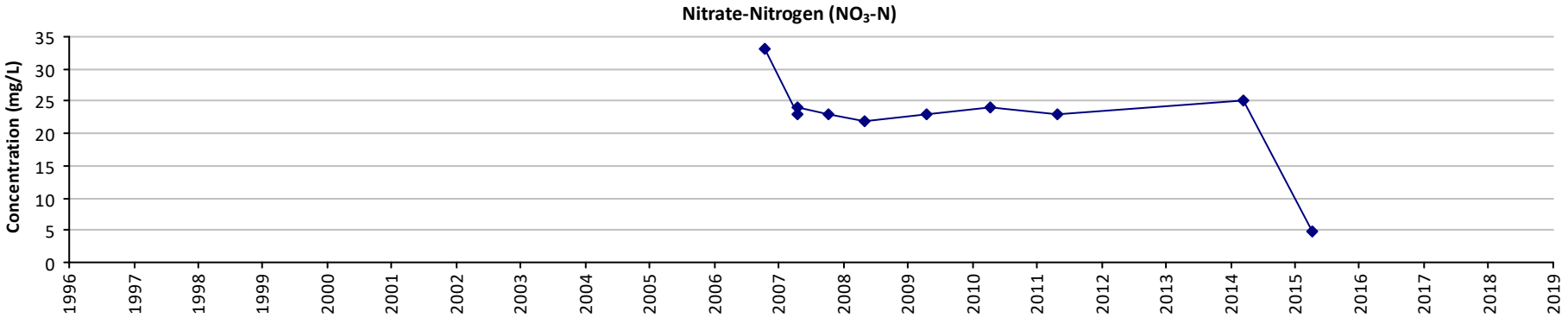
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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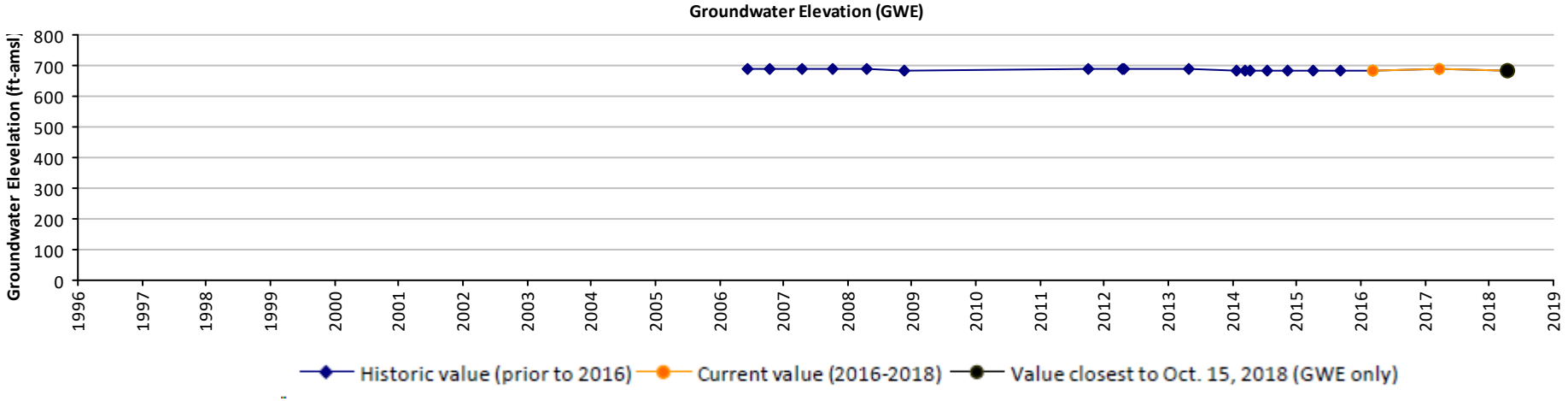
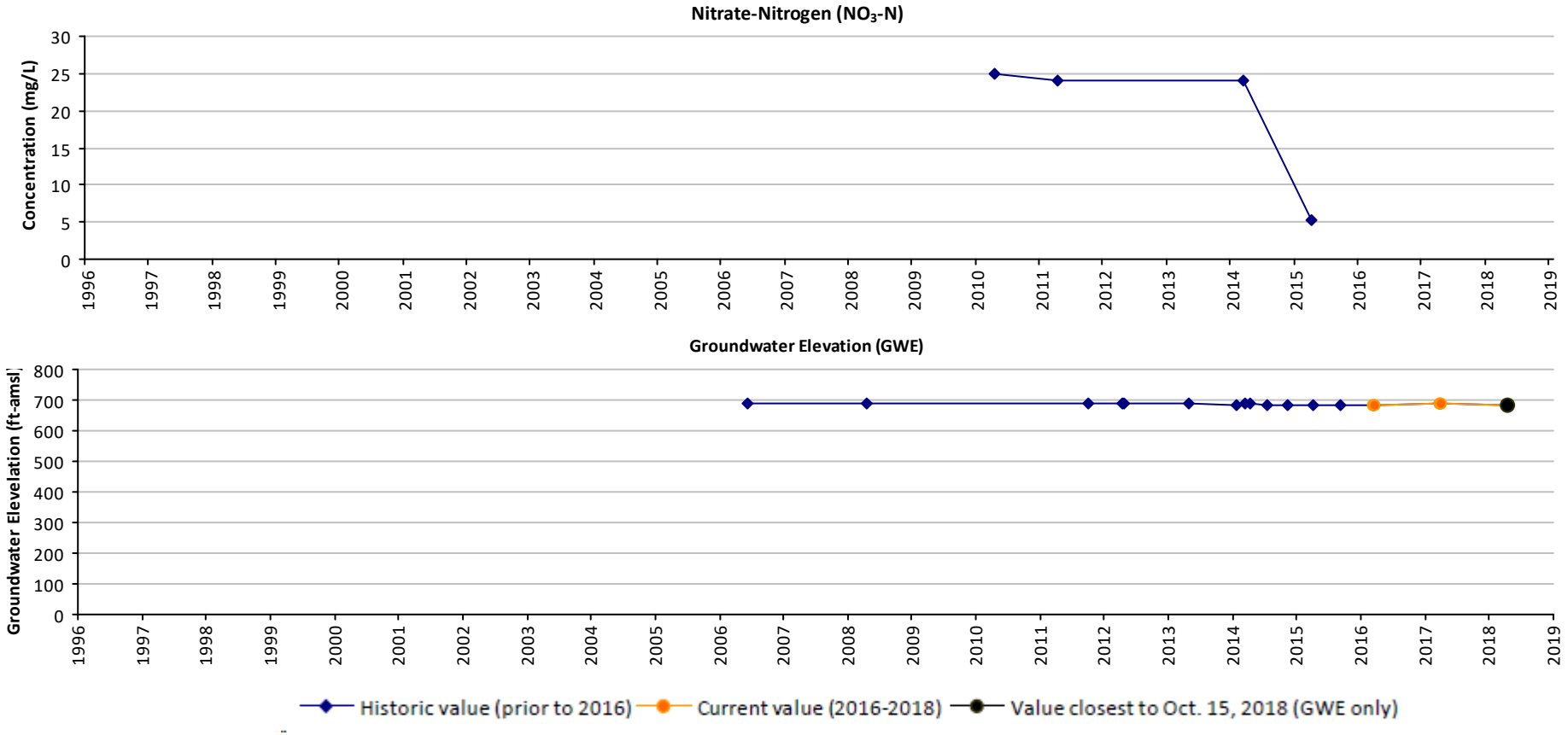
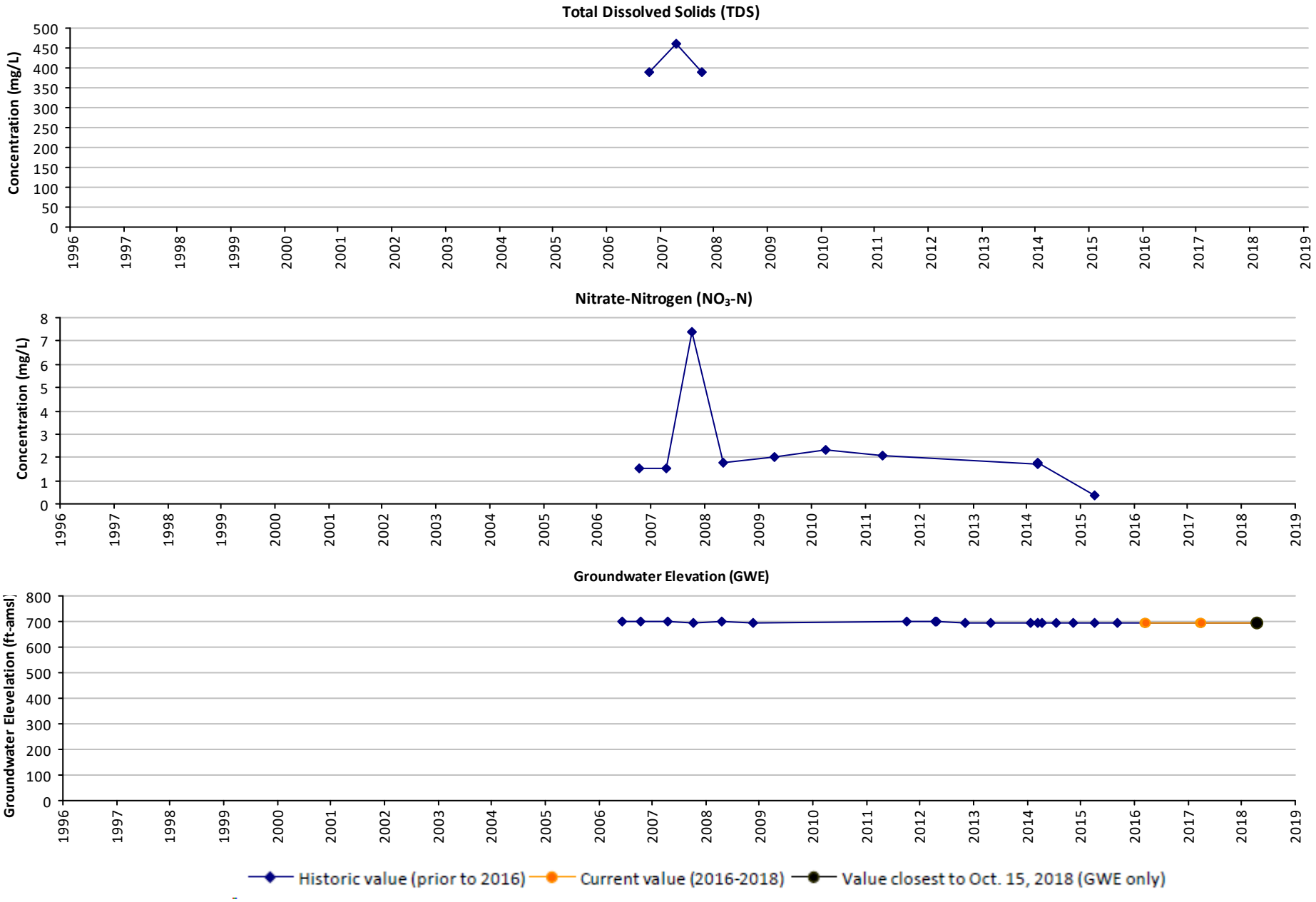
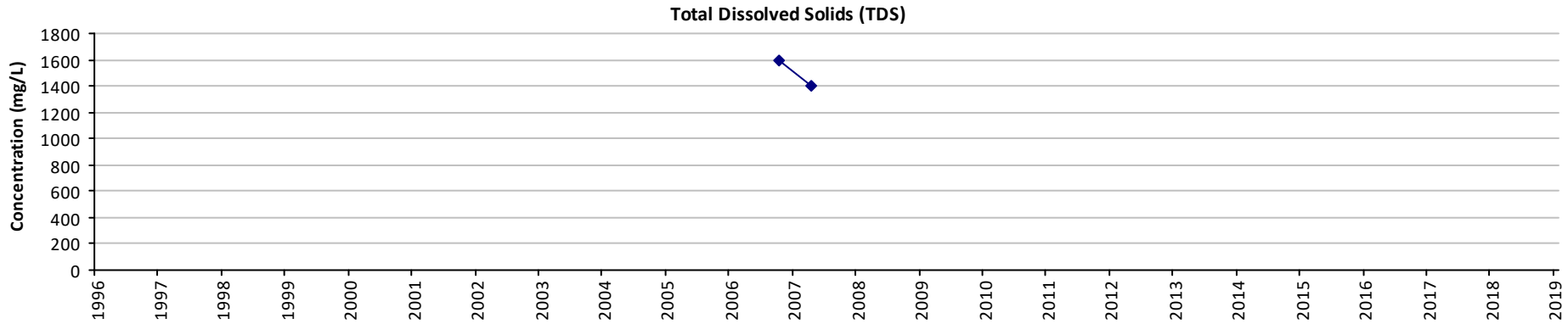
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
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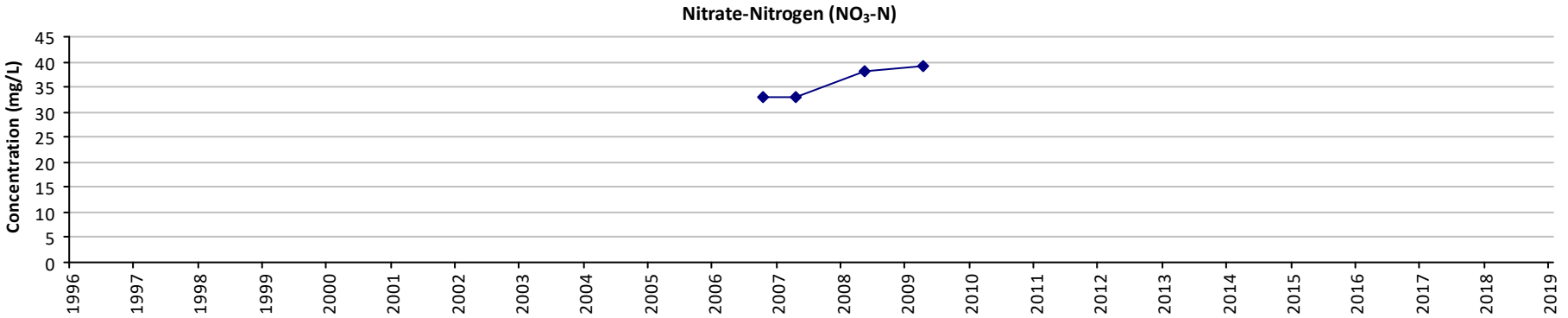
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
1996
1997
1998
1999
2000
2001
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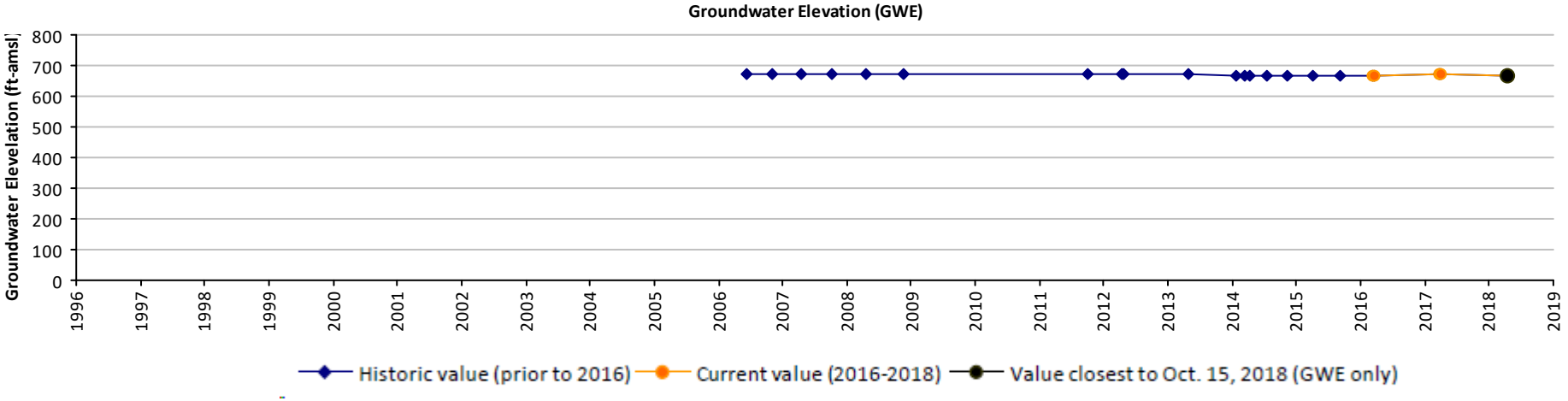
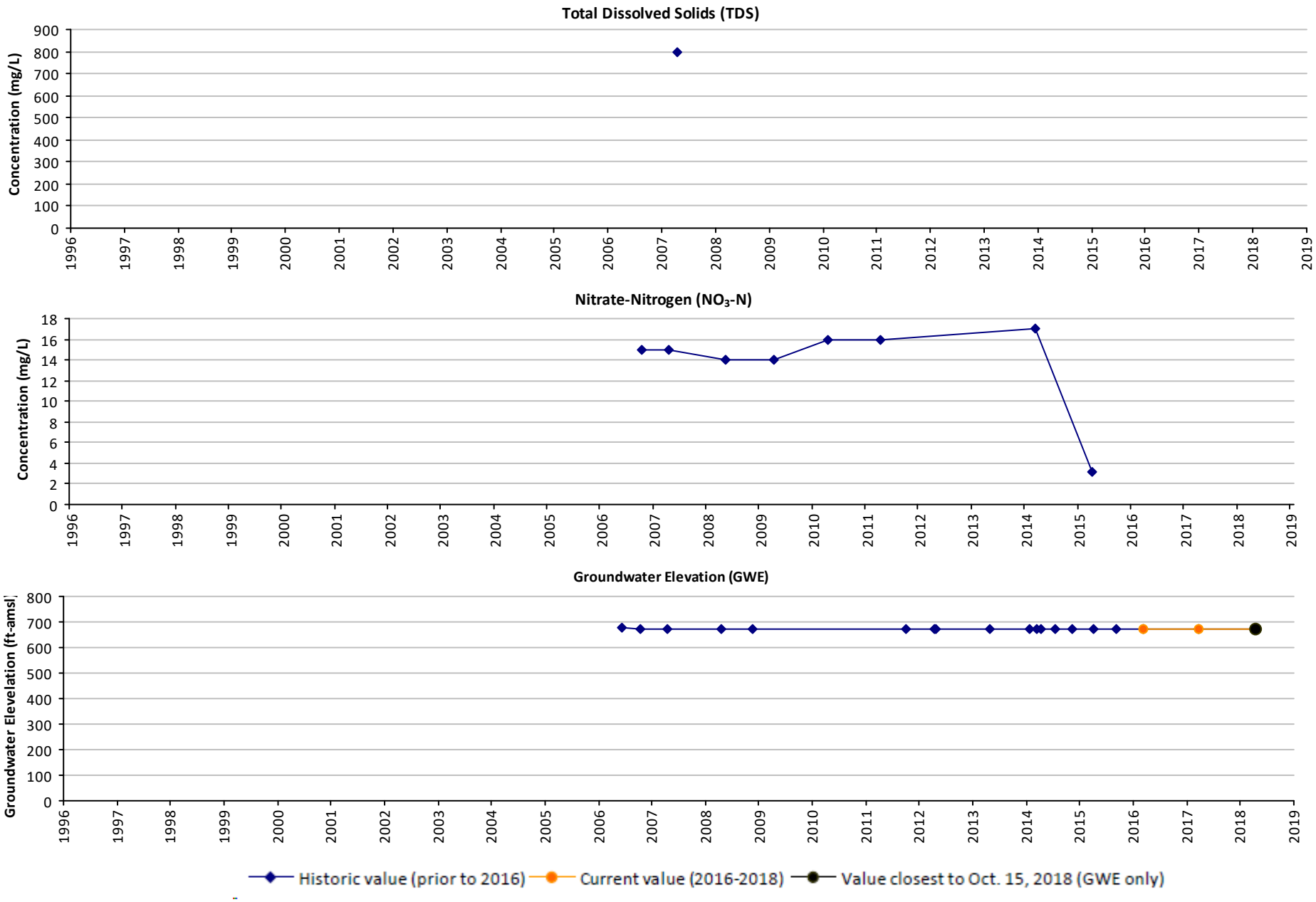
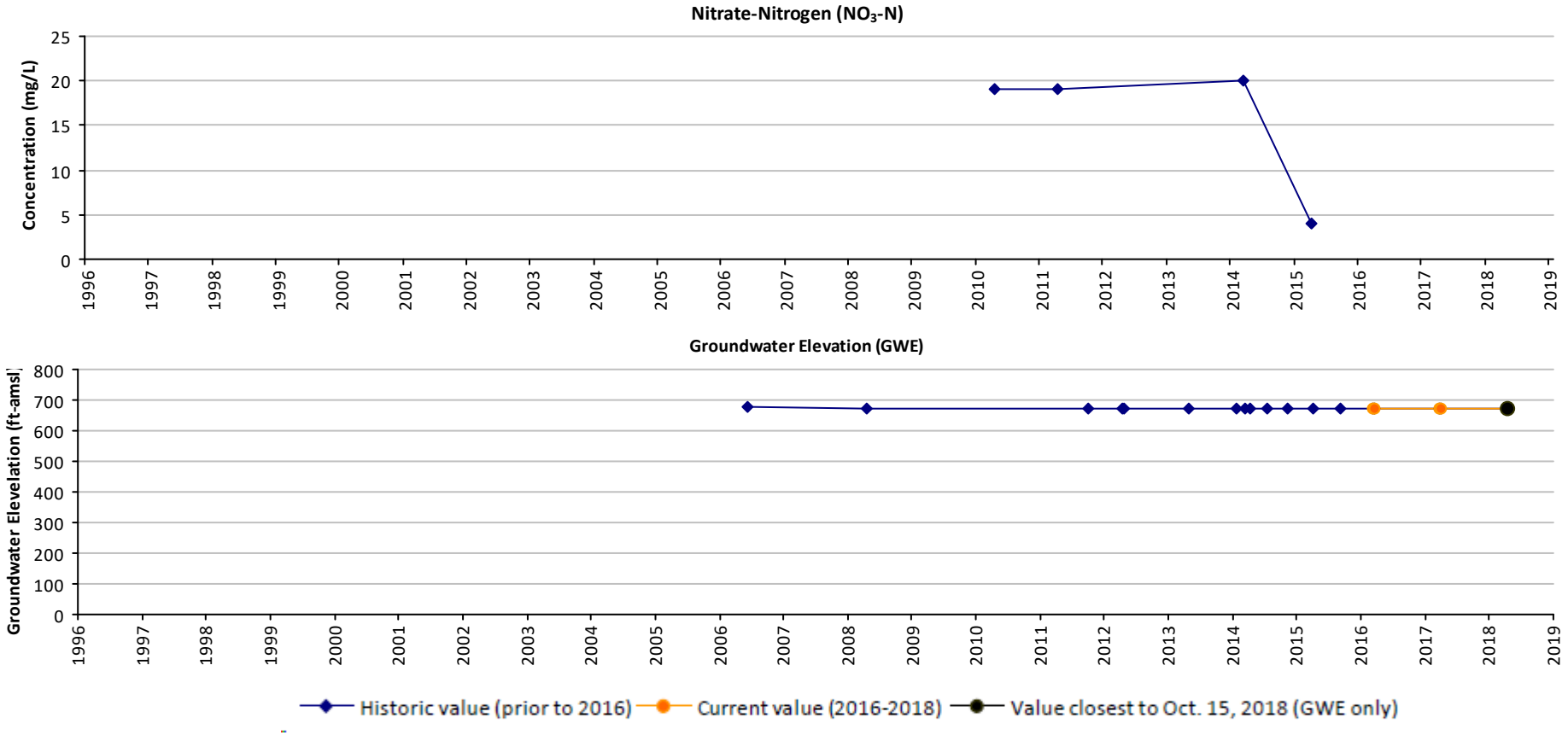
2019

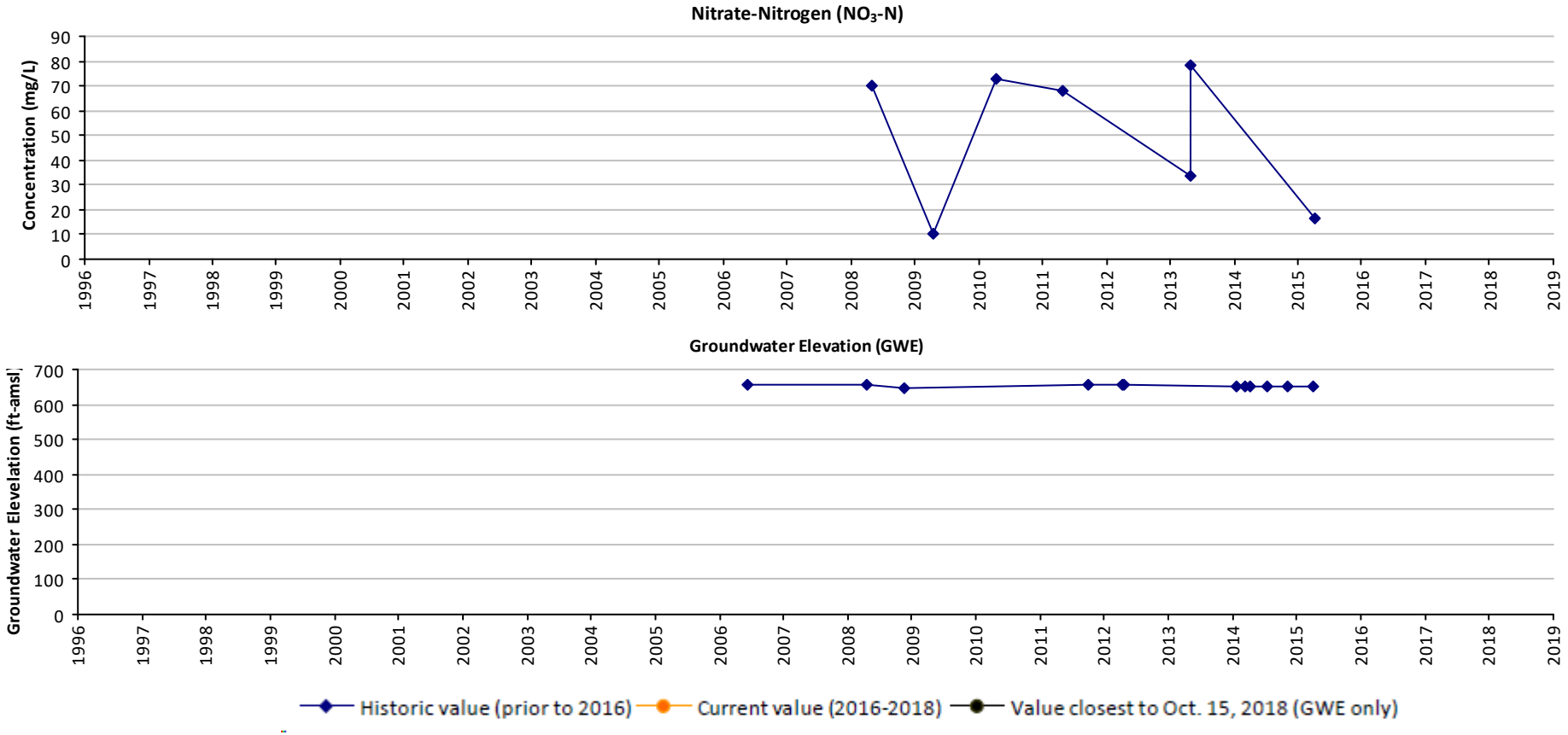

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

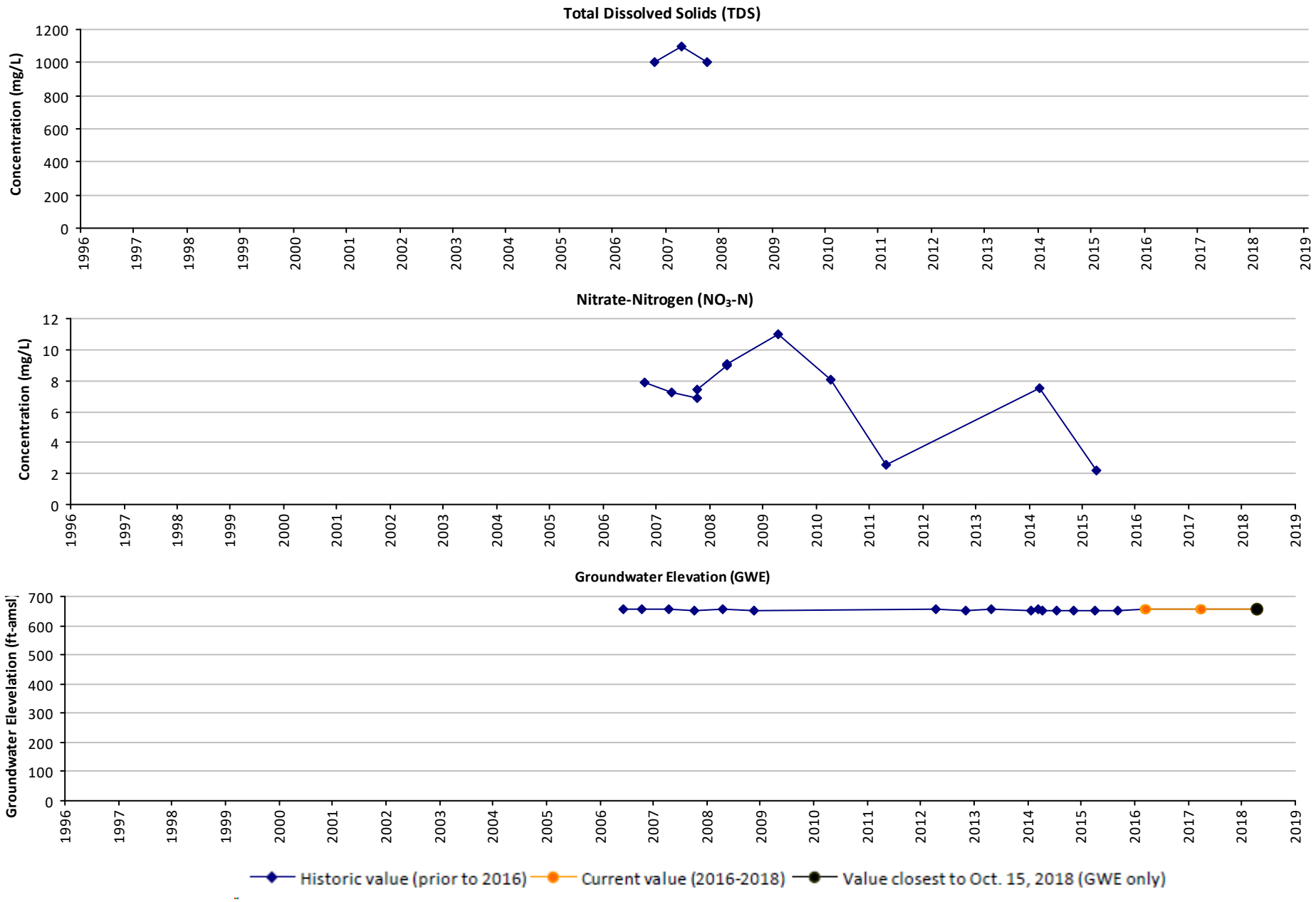

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



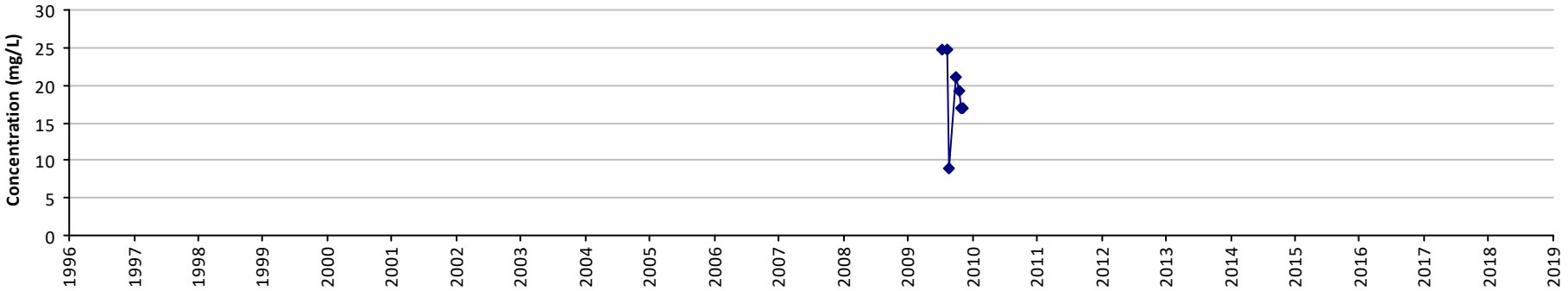
Total Dissolved Solids (TDS)



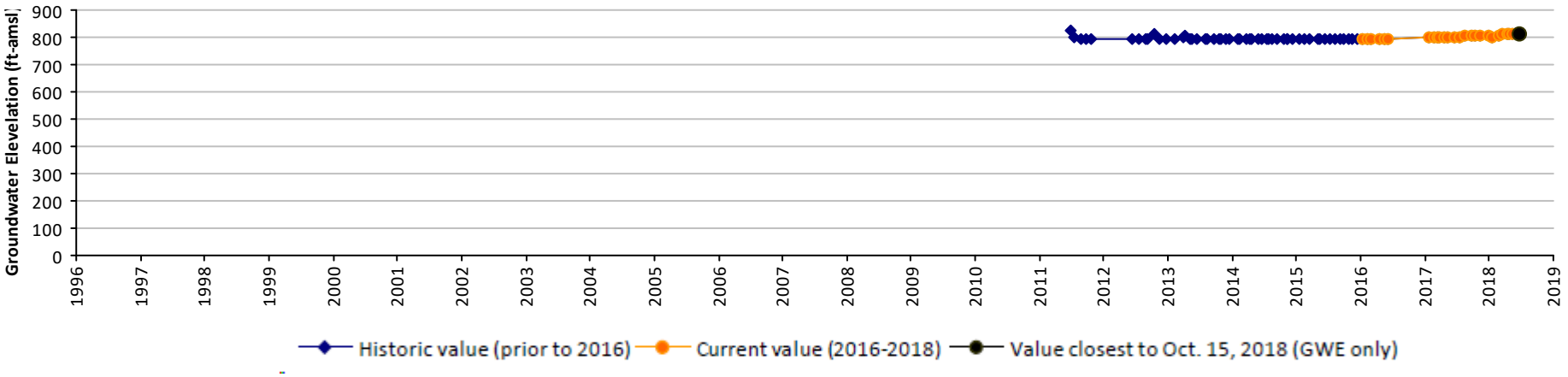

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

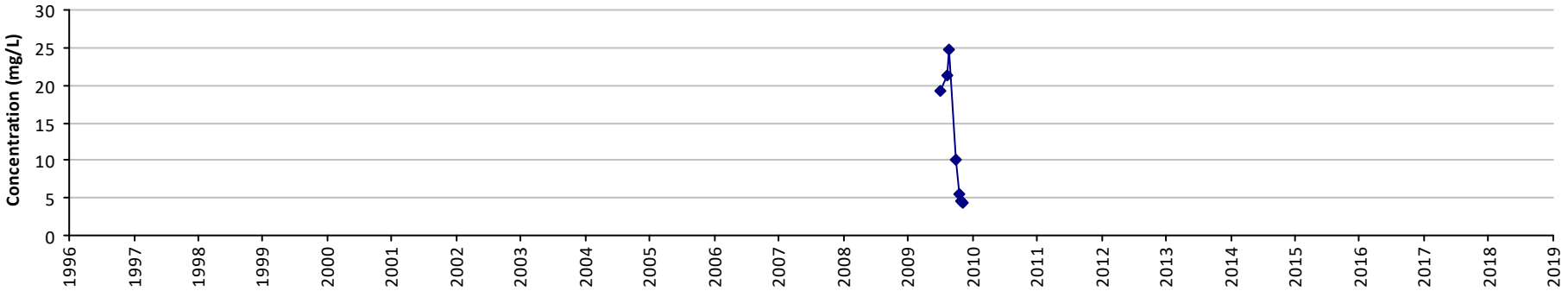


Groundwater Elevation (GWE)

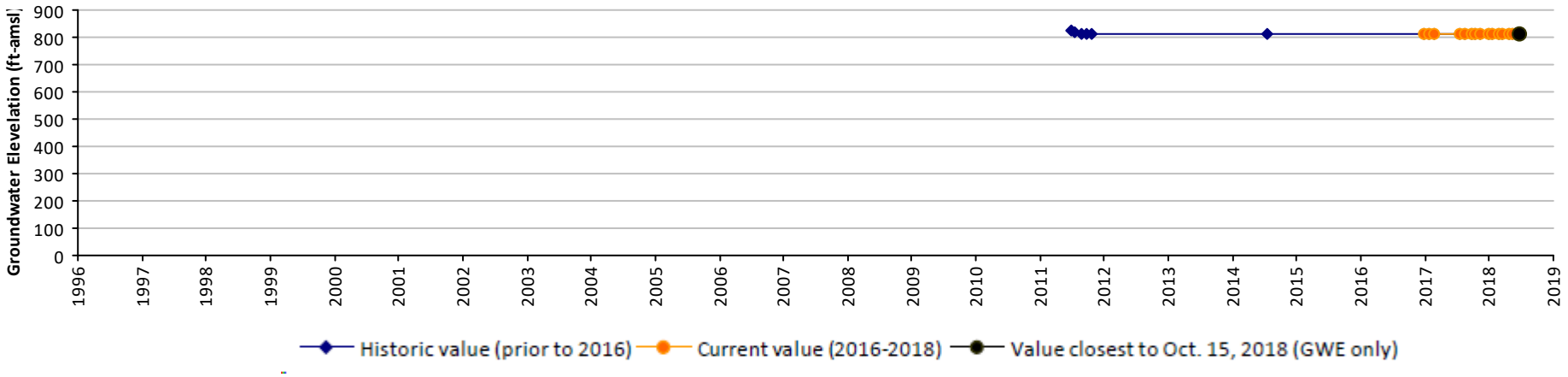


Total Dissolved Solids (TDS)

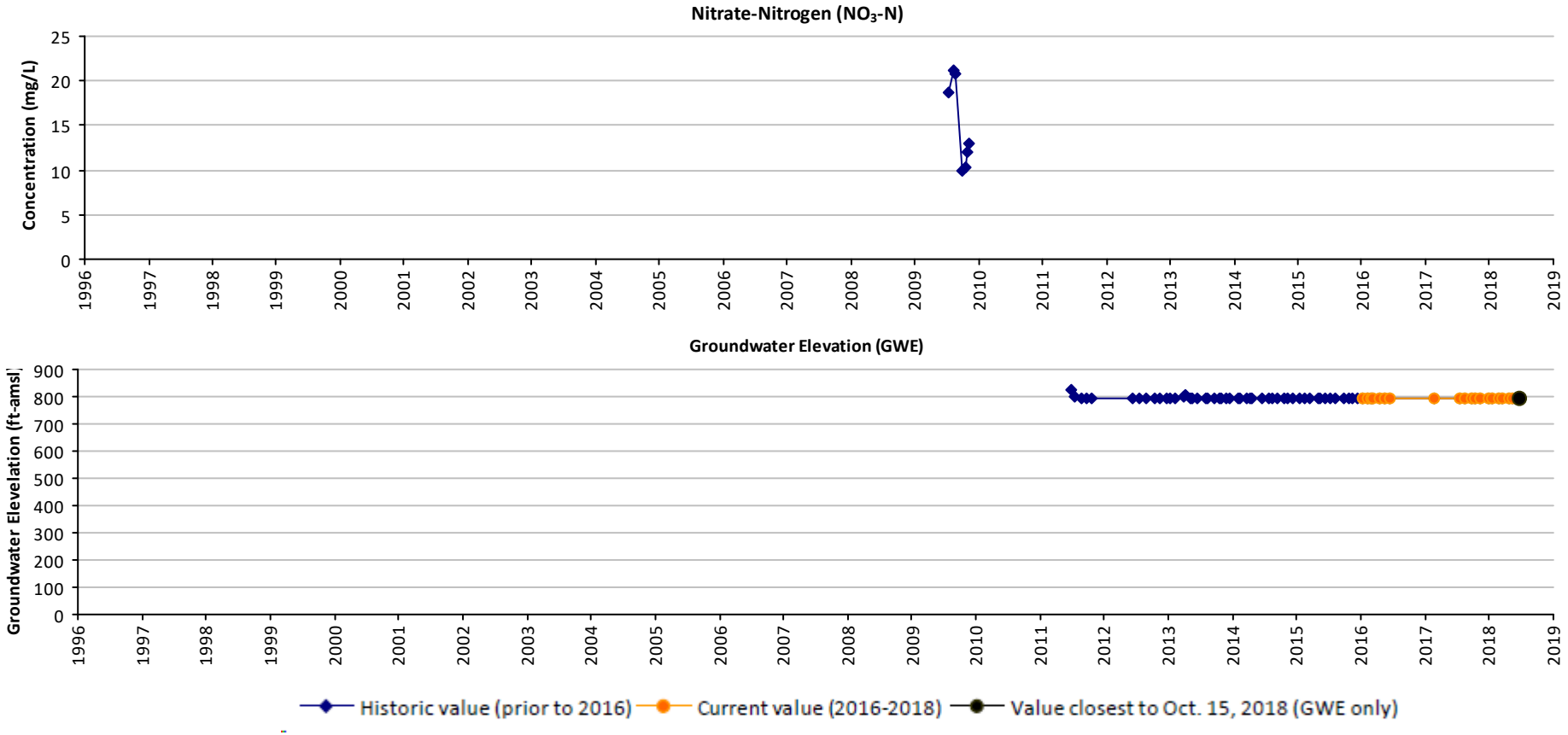
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

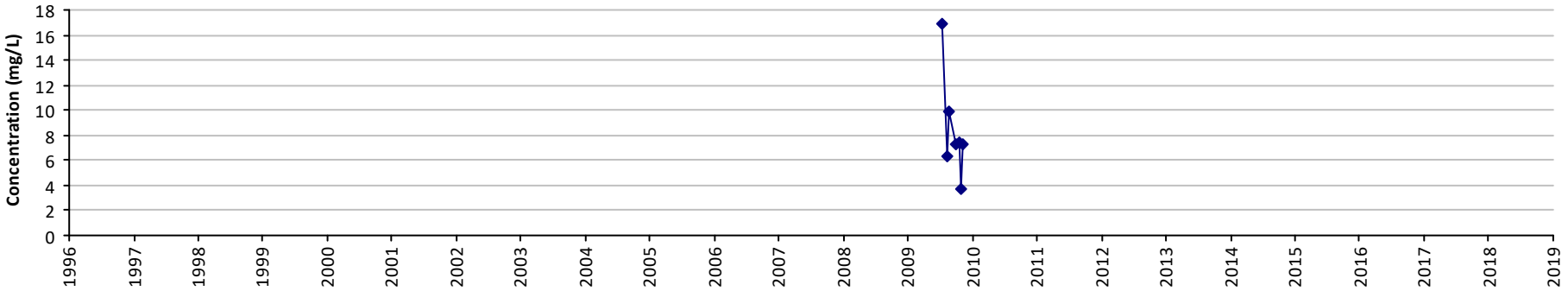


Total Dissolved Solids (TDS)

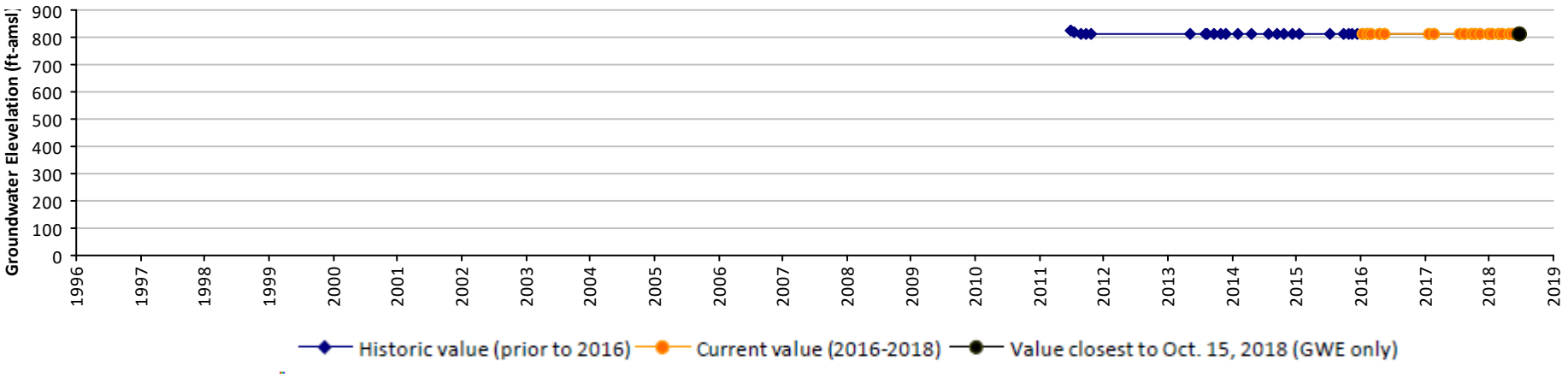


Total Dissolved Solids (TDS)

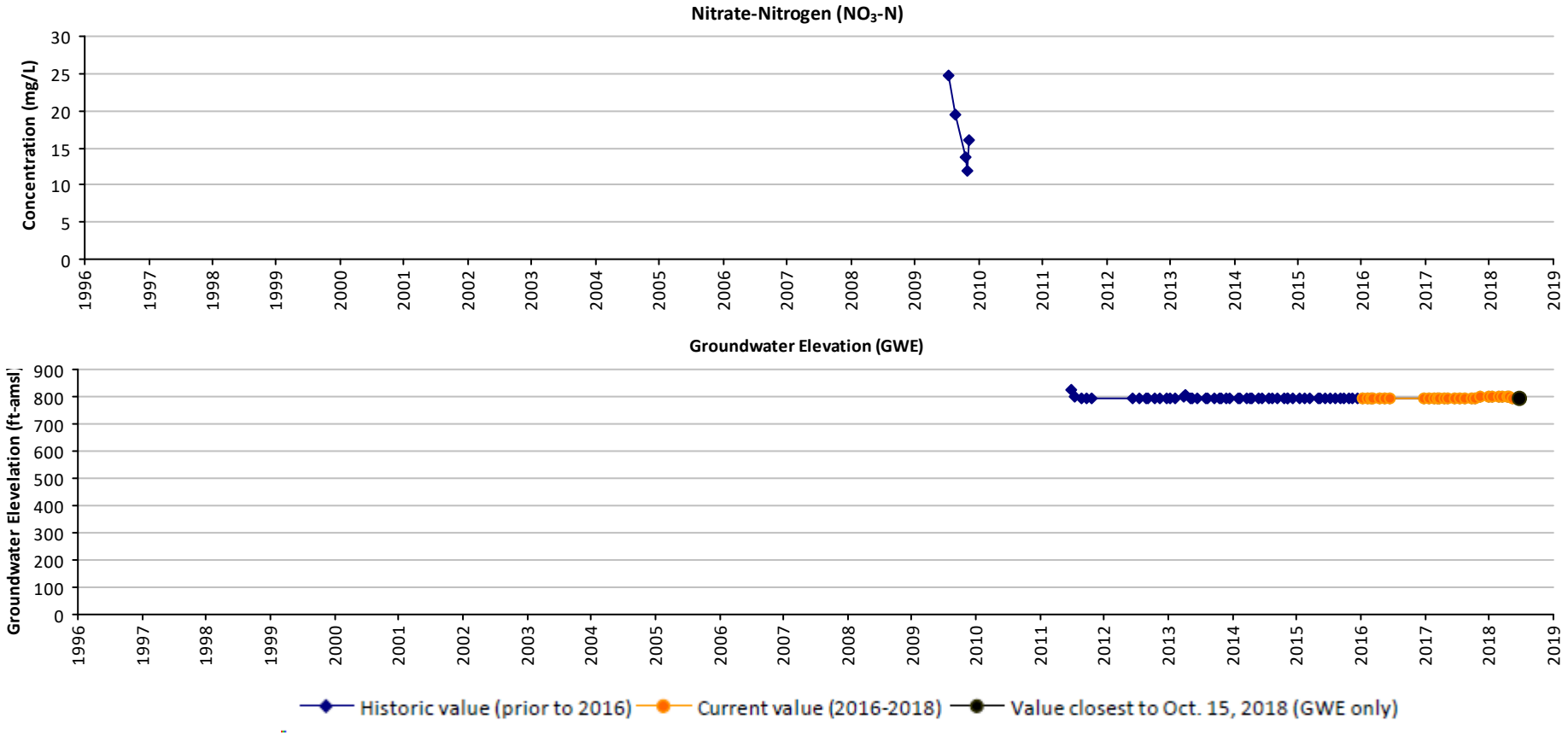
Nitrate-Nitrogen (NO_3-N)



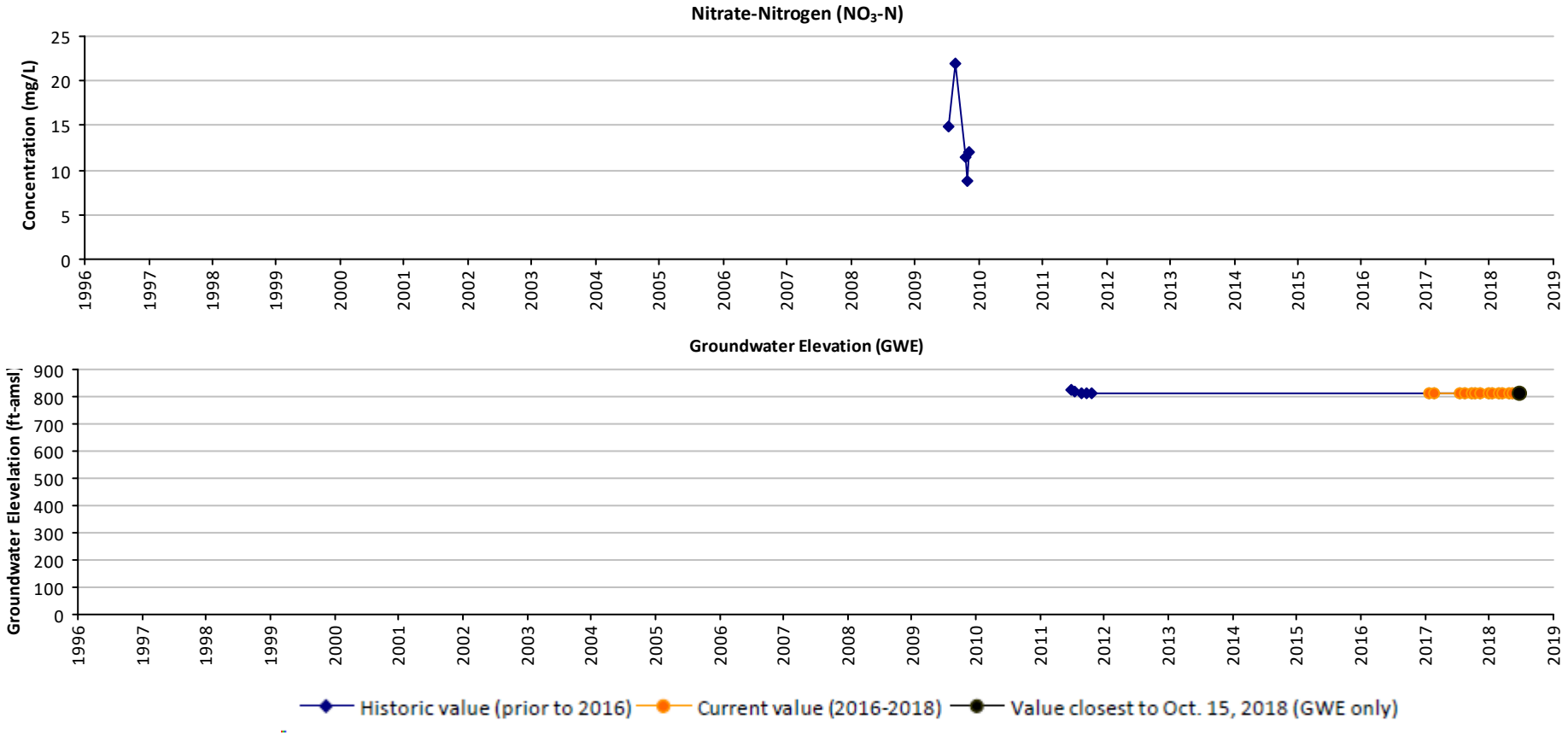
Groundwater Elevation (GWE)



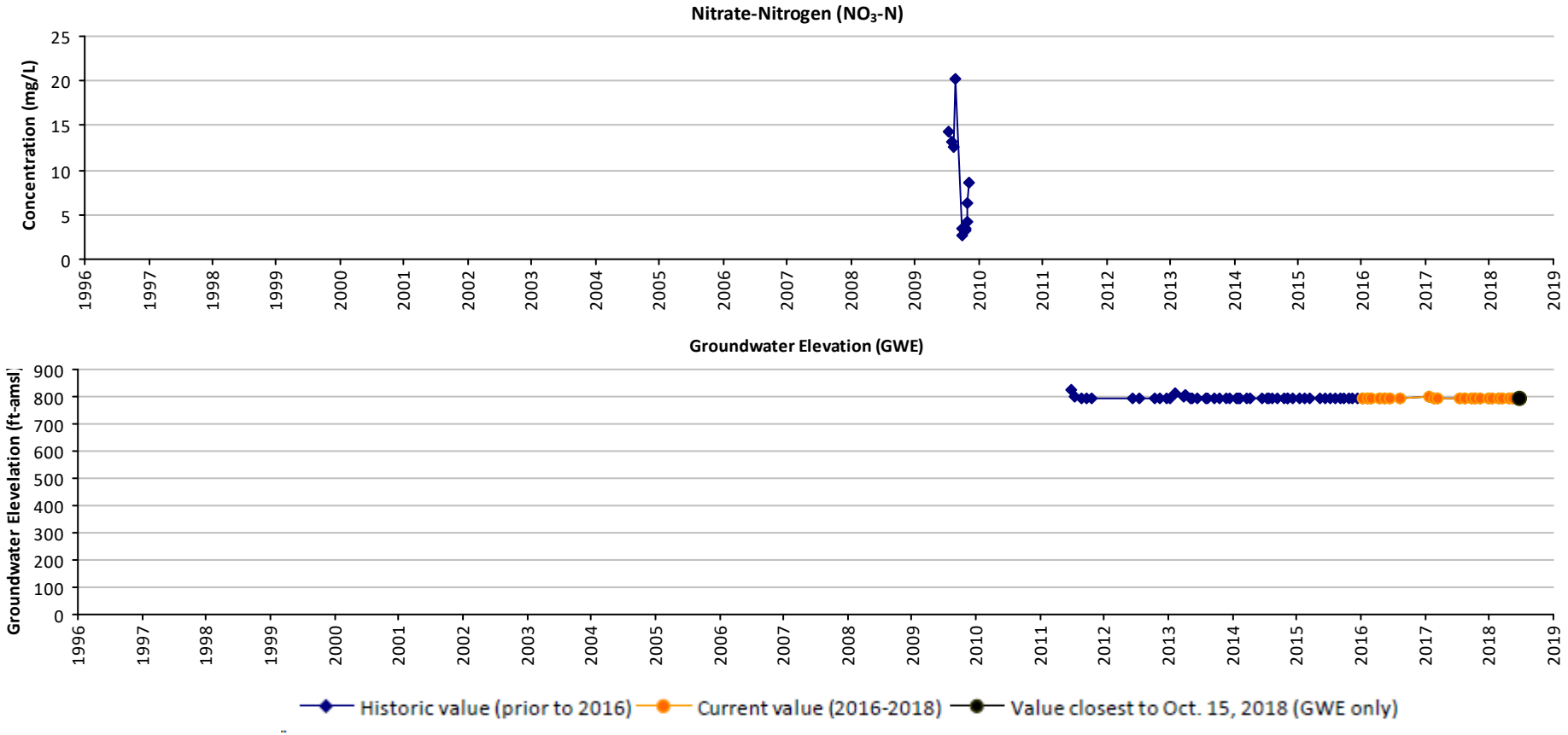
Total Dissolved Solids (TDS)



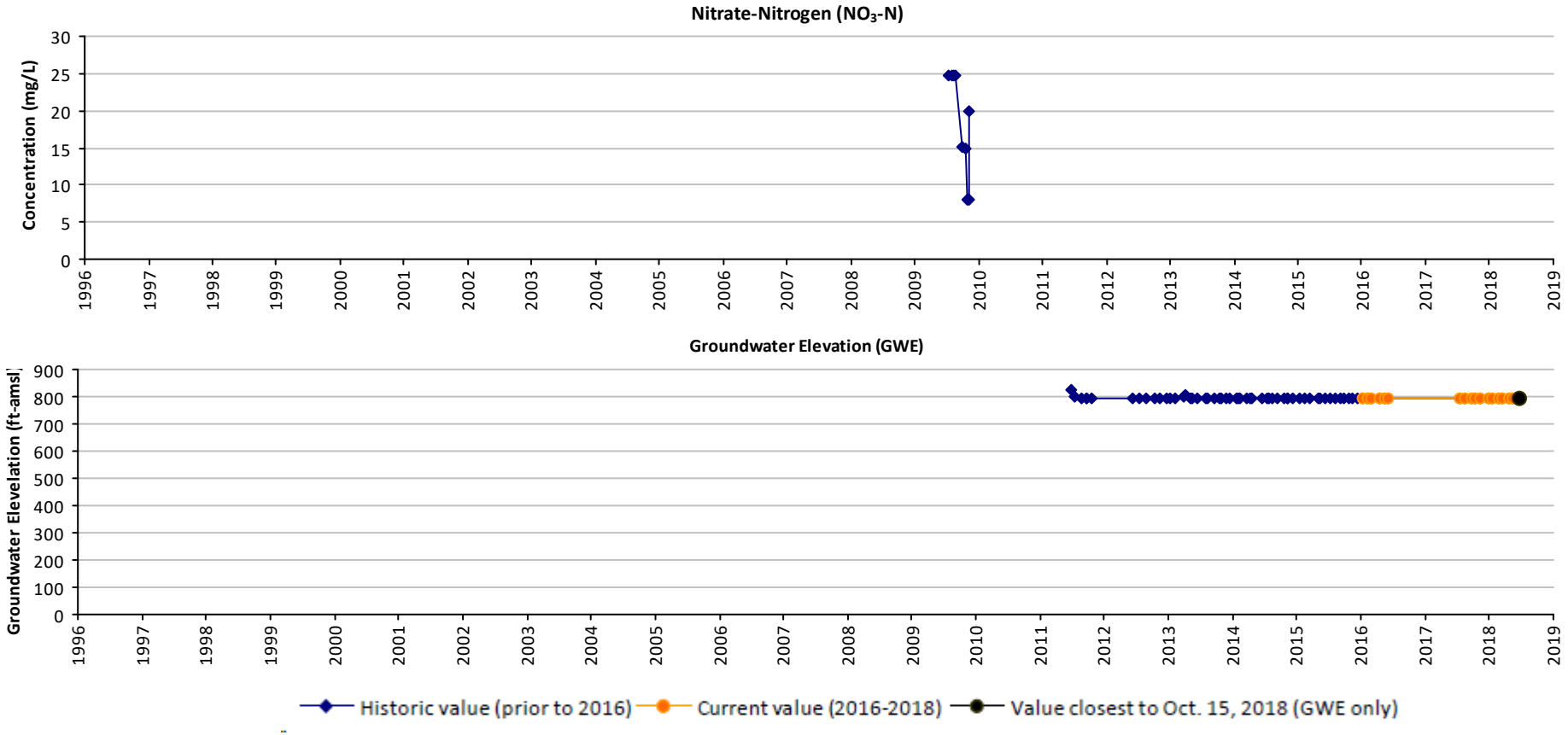
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

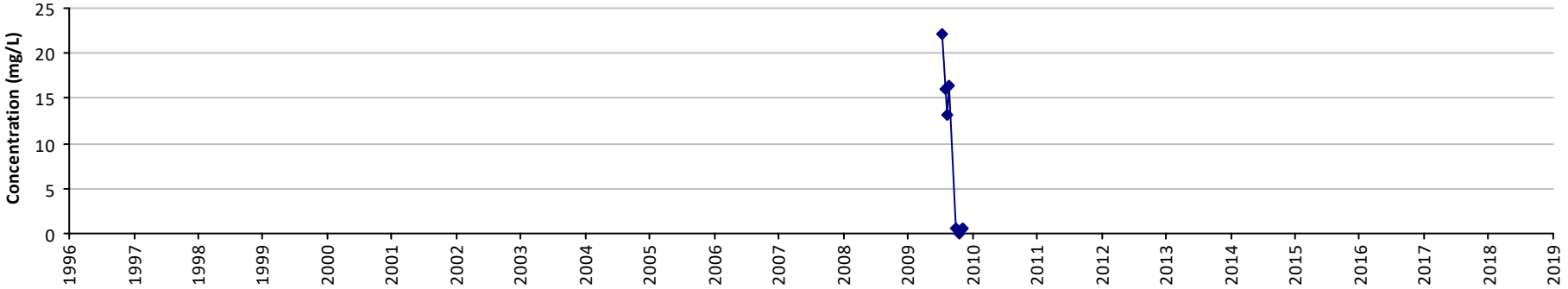


Total Dissolved Solids (TDS)

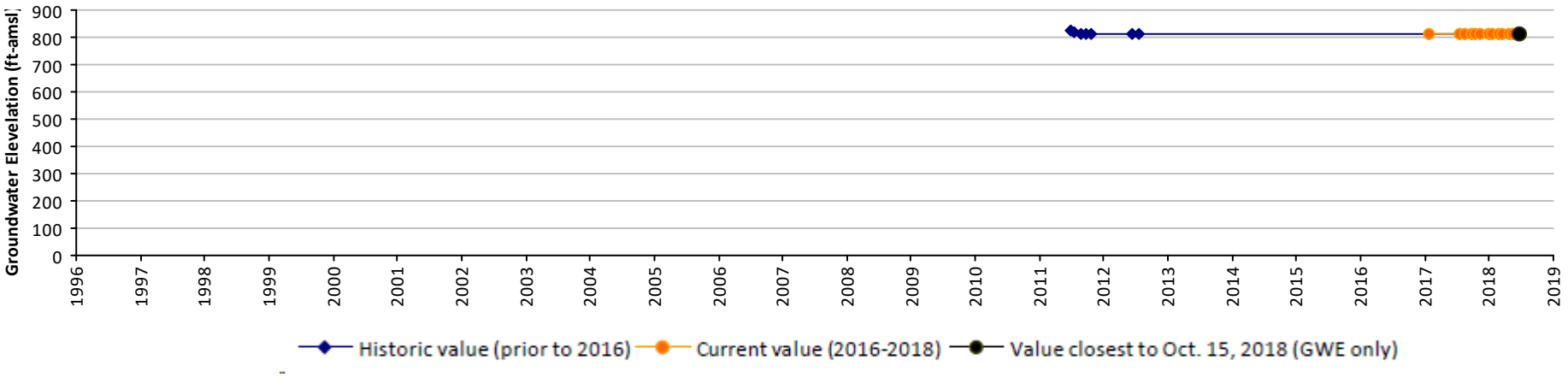


Total Dissolved Solids (TDS)

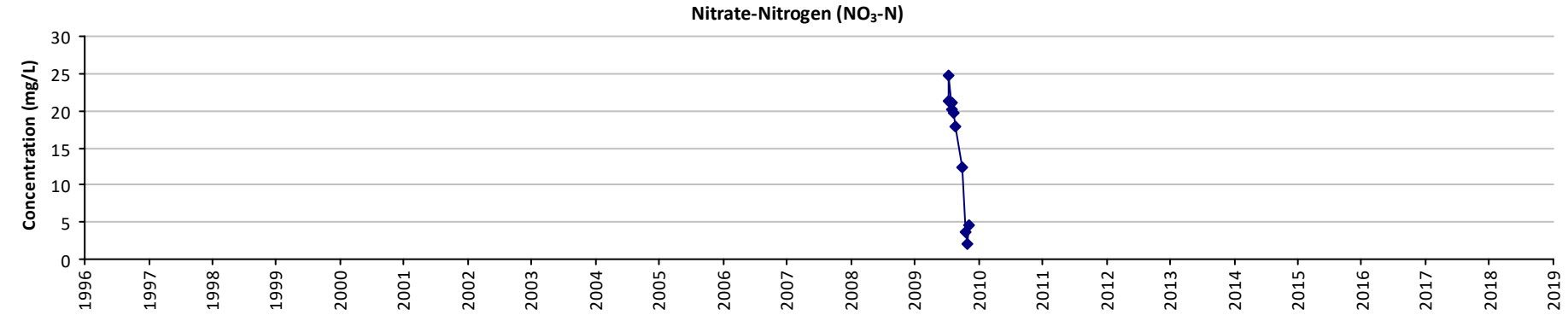
Nitrate-Nitrogen (NO_3-N)

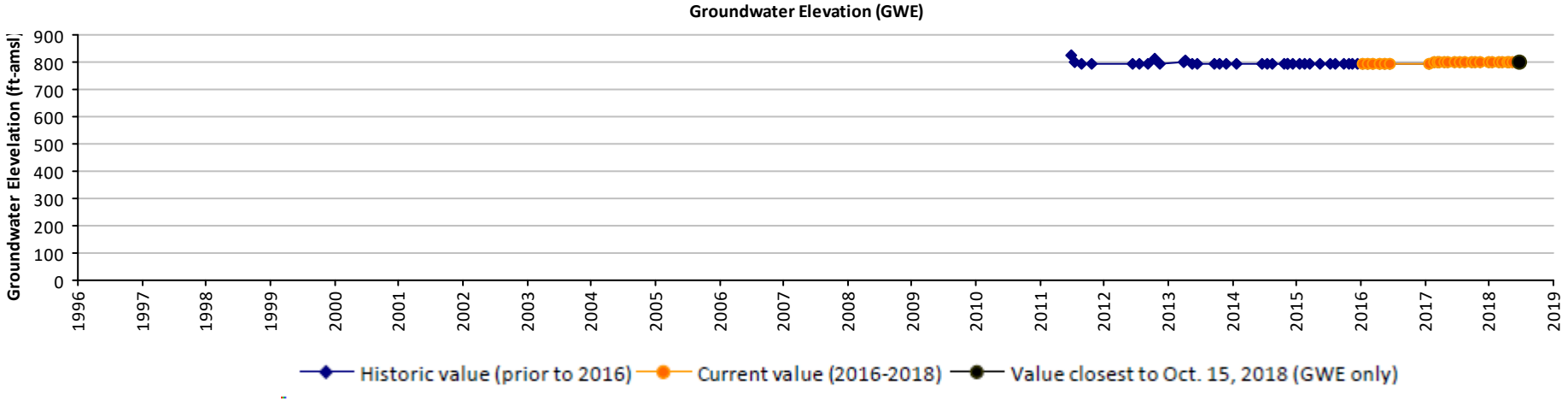


Groundwater Elevation (GWE)



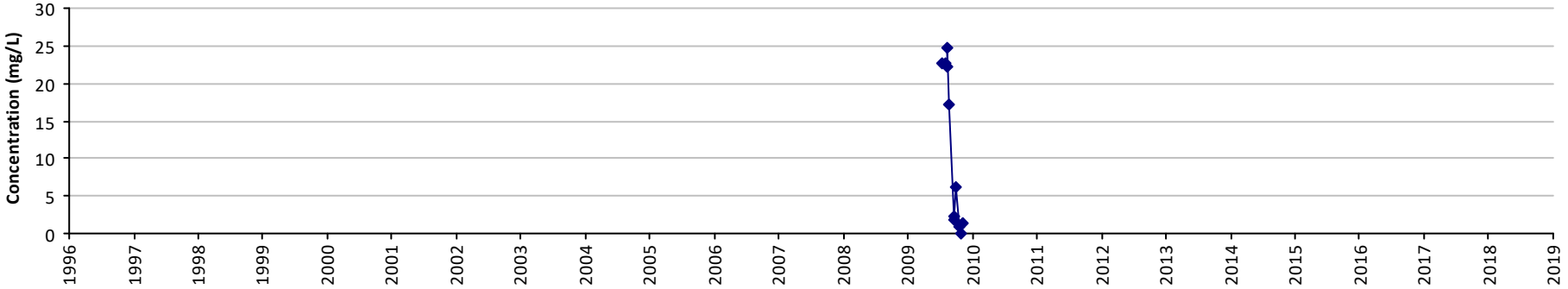
Total Dissolved Solids (TDS)



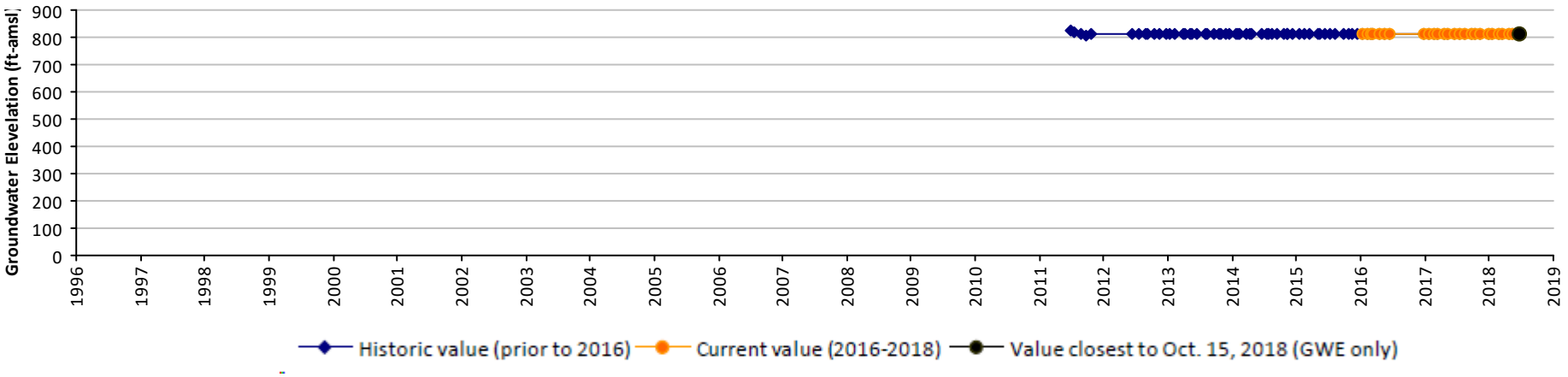


Total Dissolved Solids (TDS)

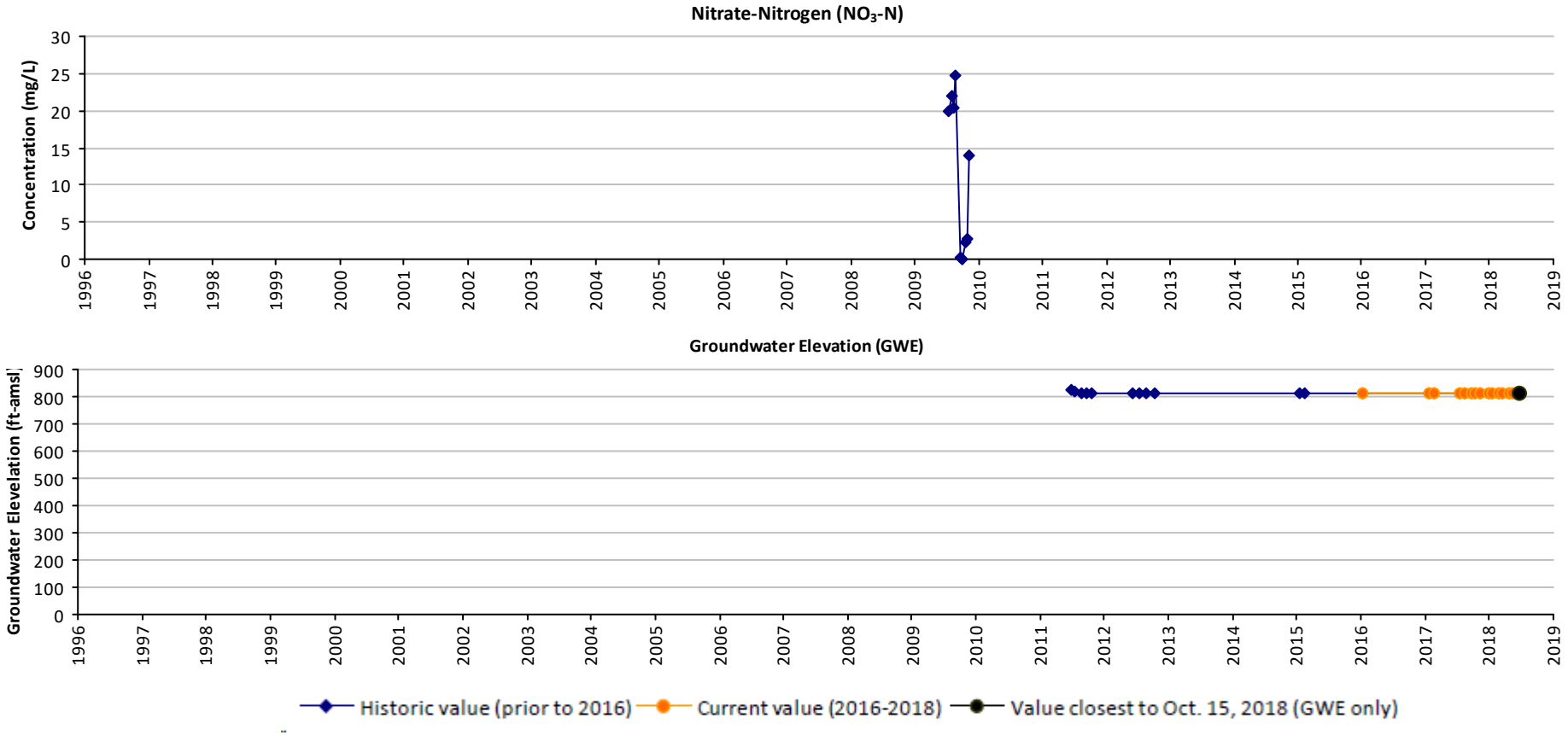
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

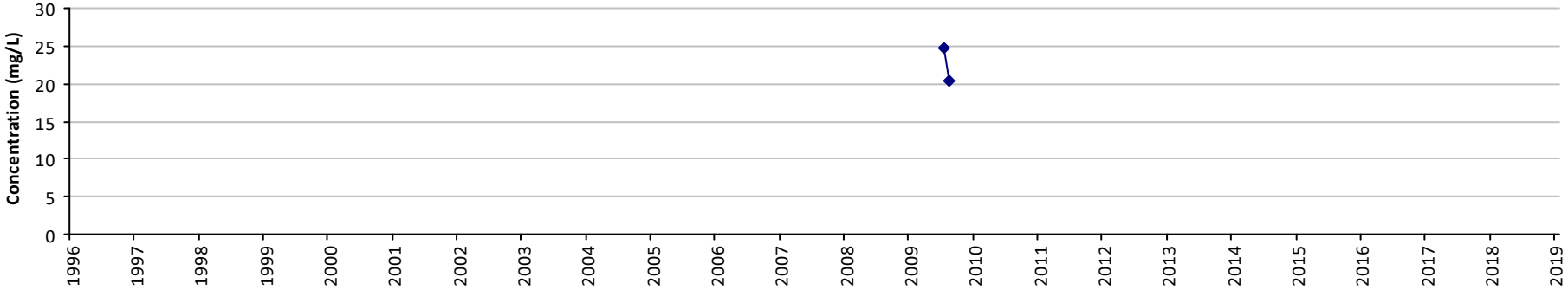


Total Dissolved Solids (TDS)

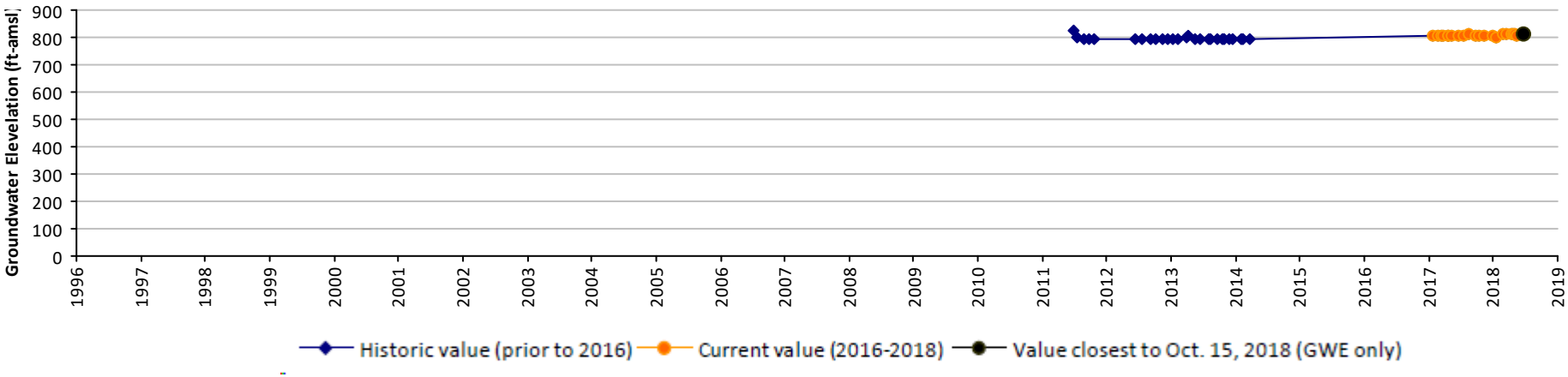


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

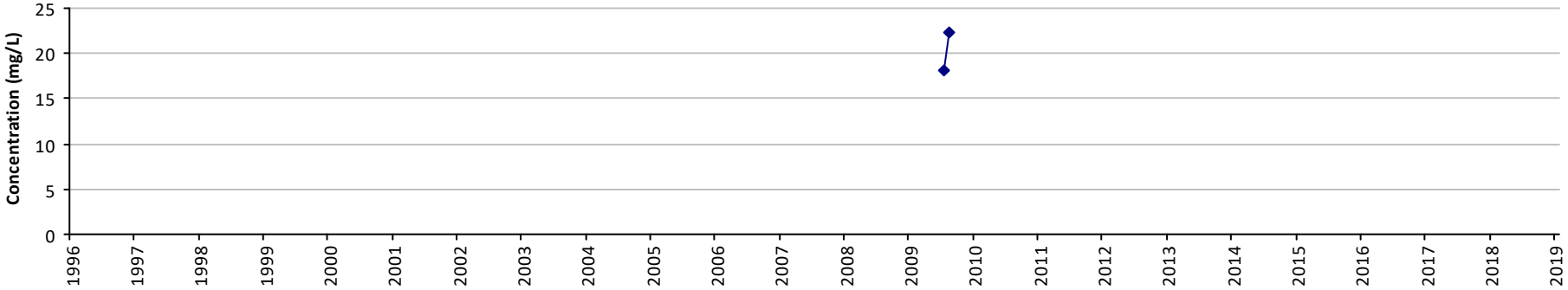


Groundwater Elevation (GWE)

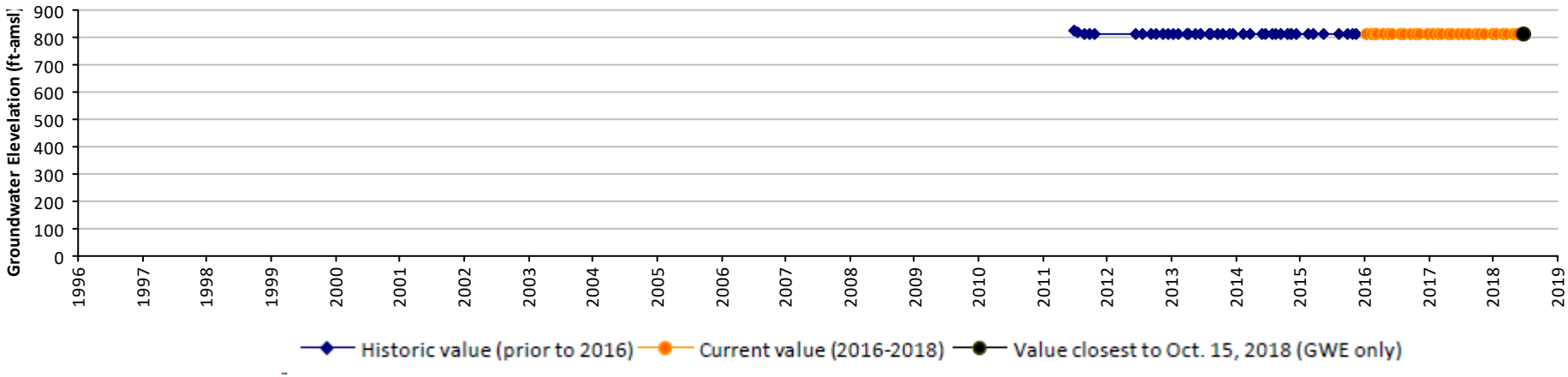


Total Dissolved Solids (TDS)

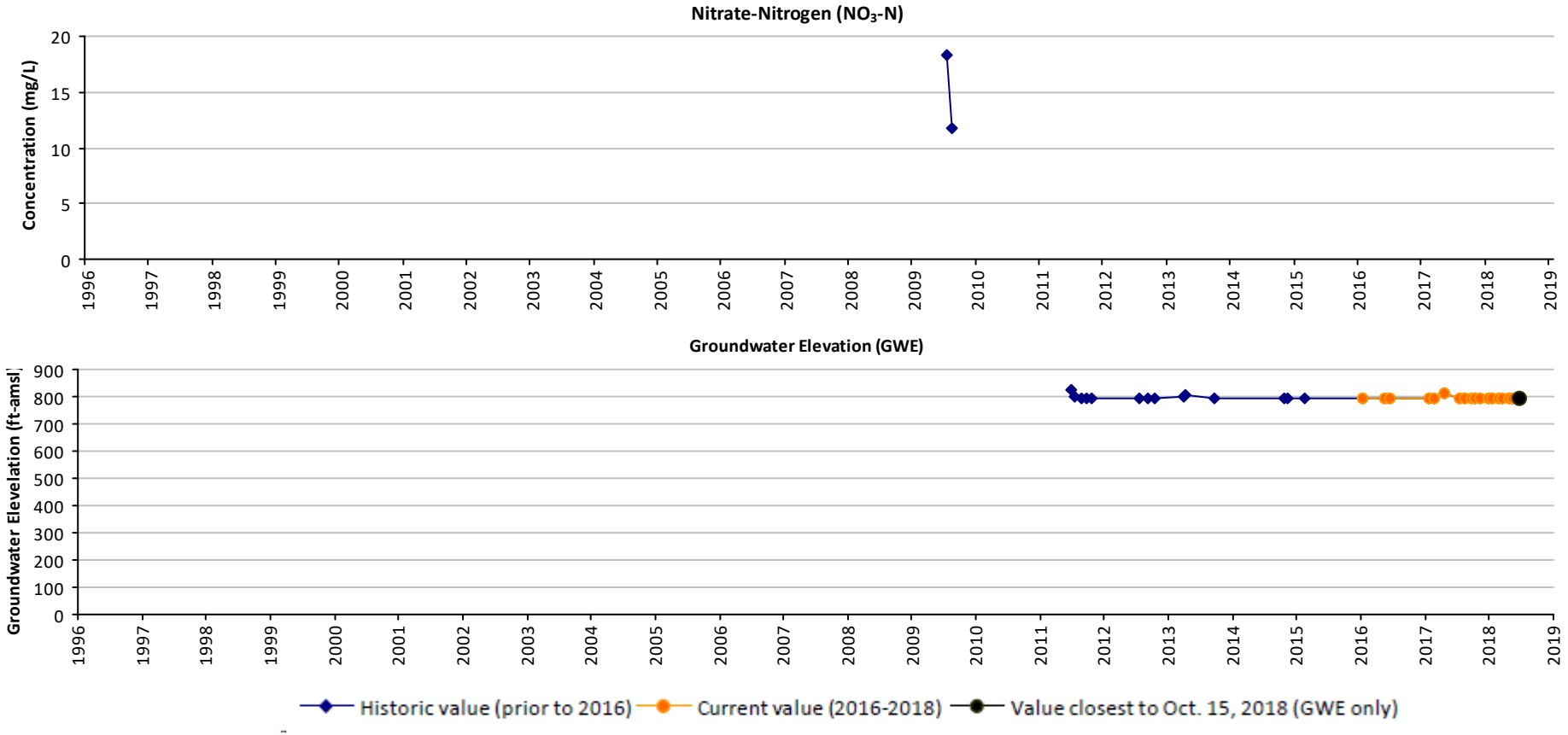
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

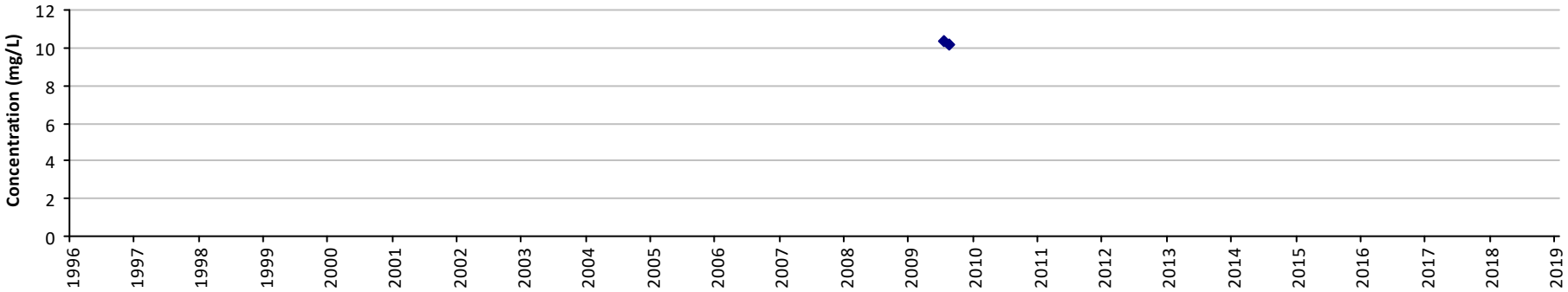


Total Dissolved Solids (TDS)

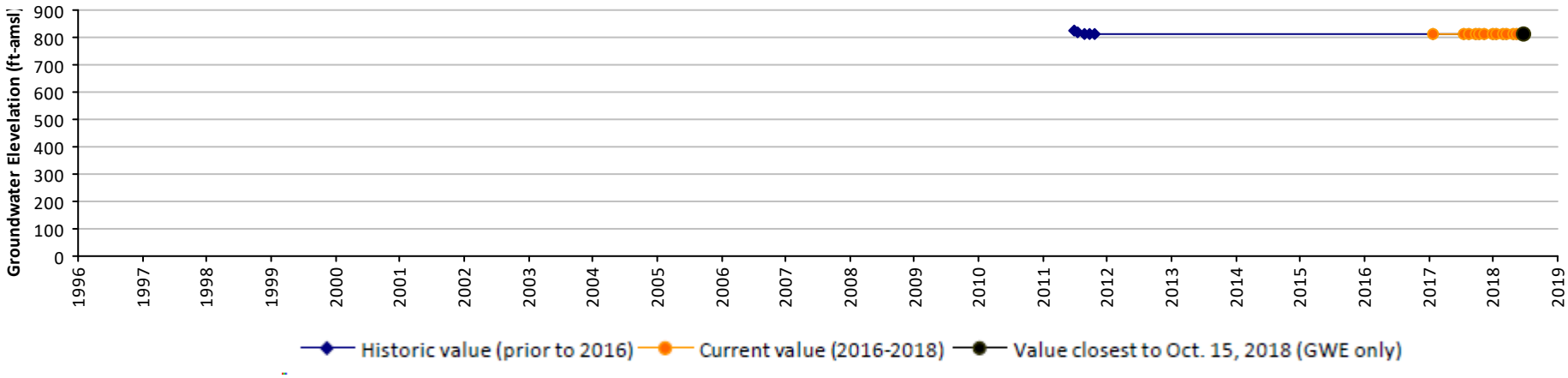


Total Dissolved Solids (TDS)

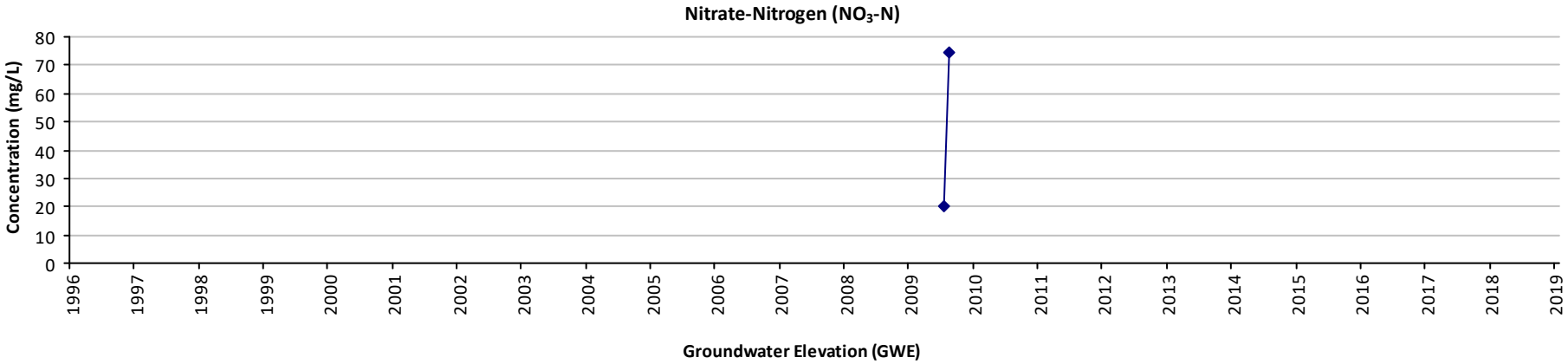
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

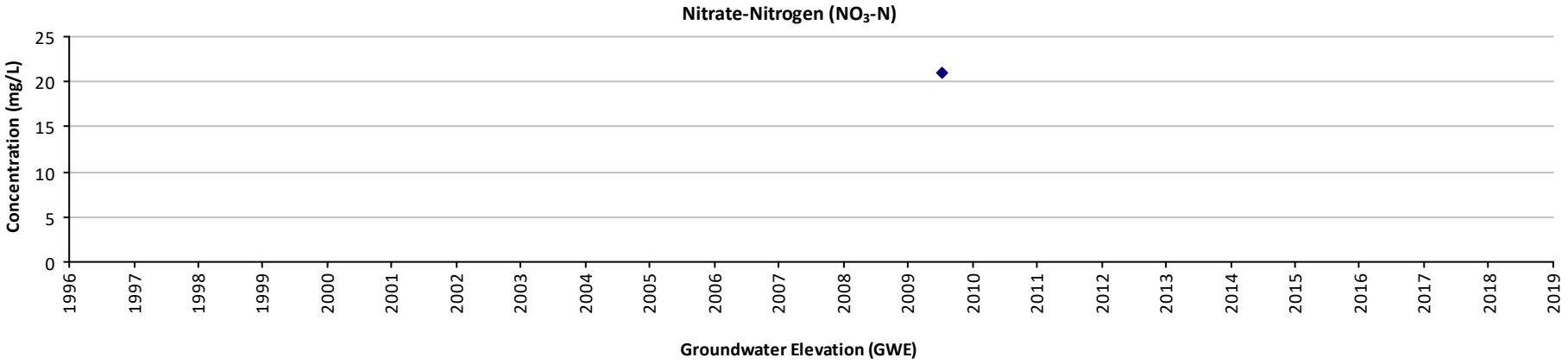


Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

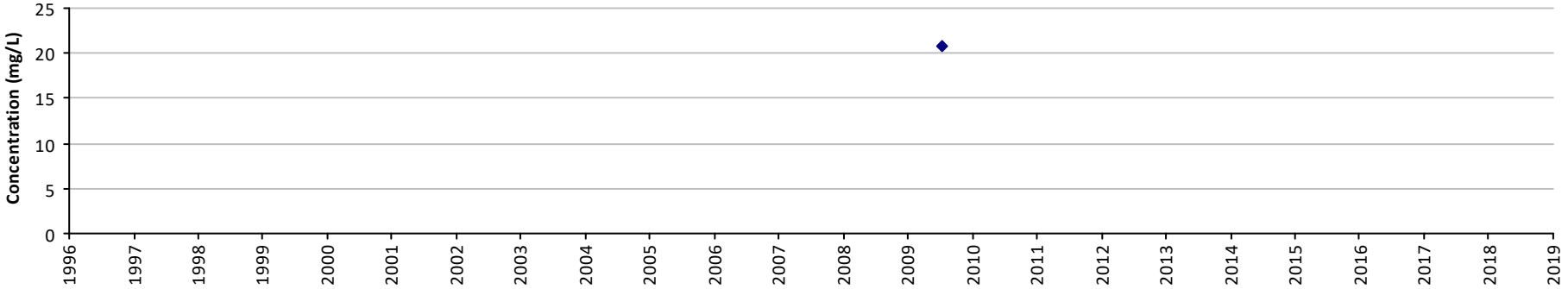
Total Dissolved Solids (TDS)



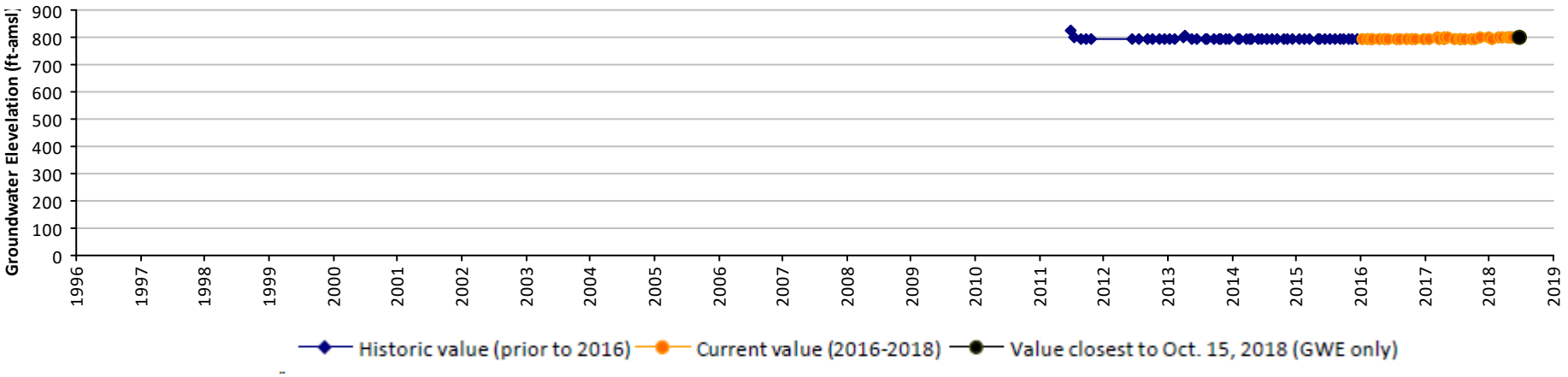
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

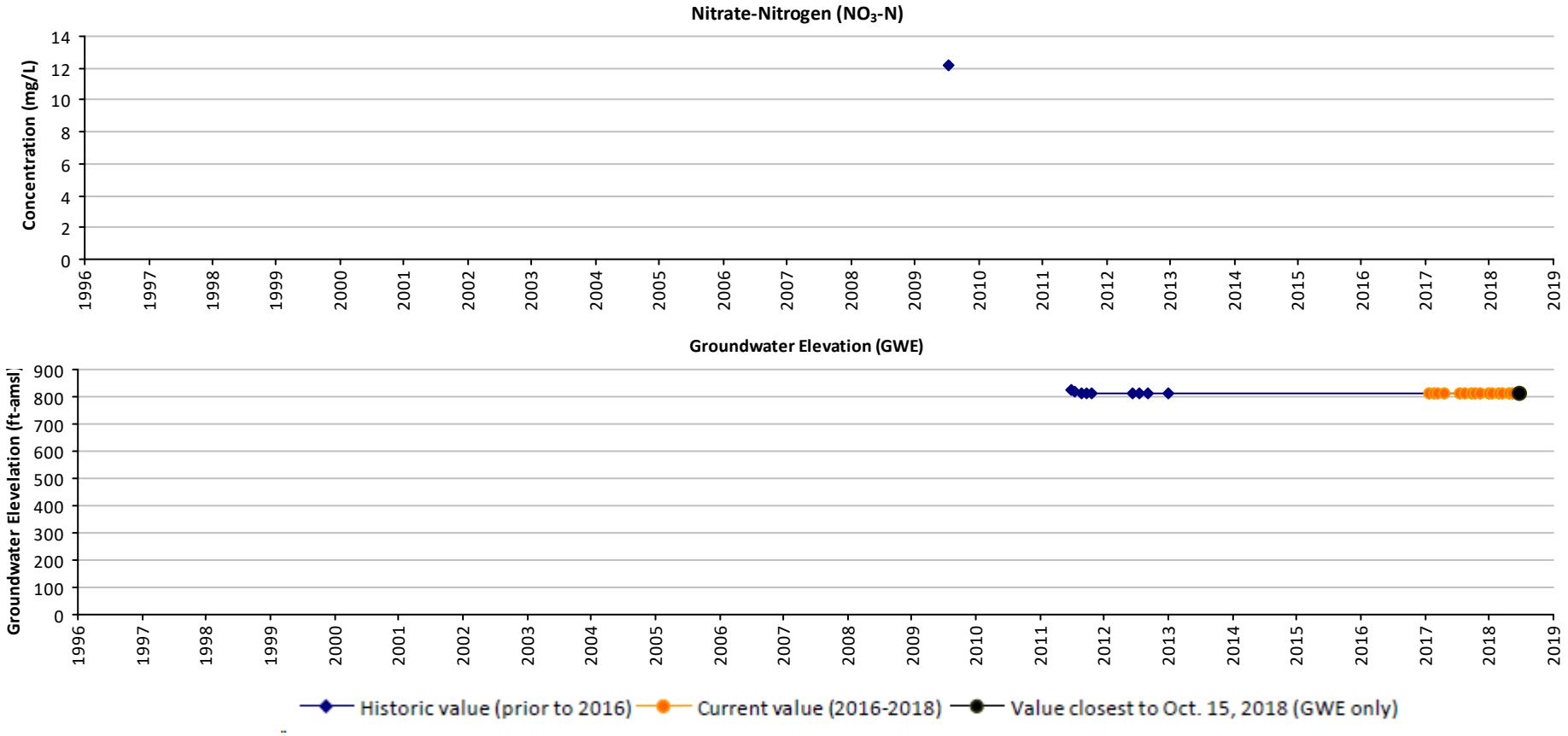
Nitrate-Nitrogen (NO_3-N)



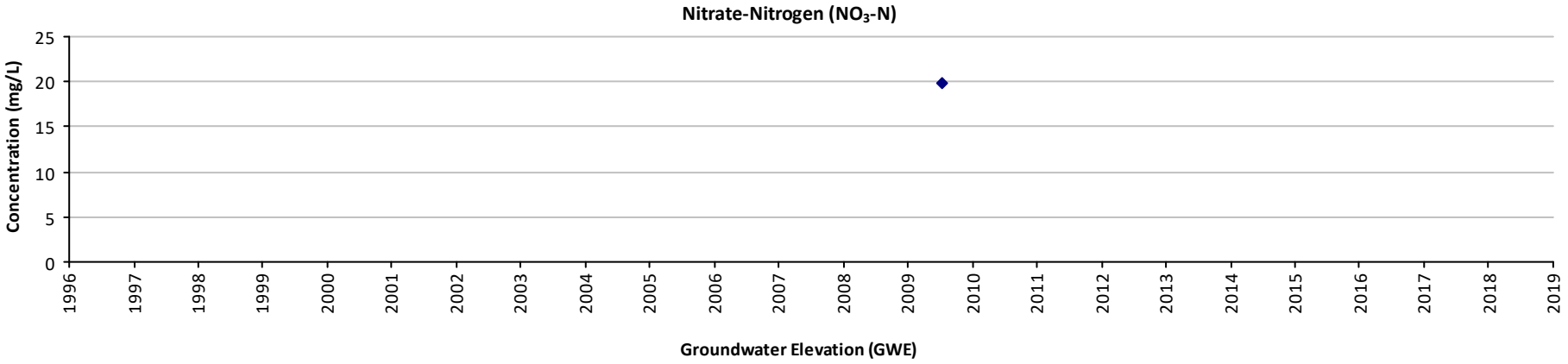
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

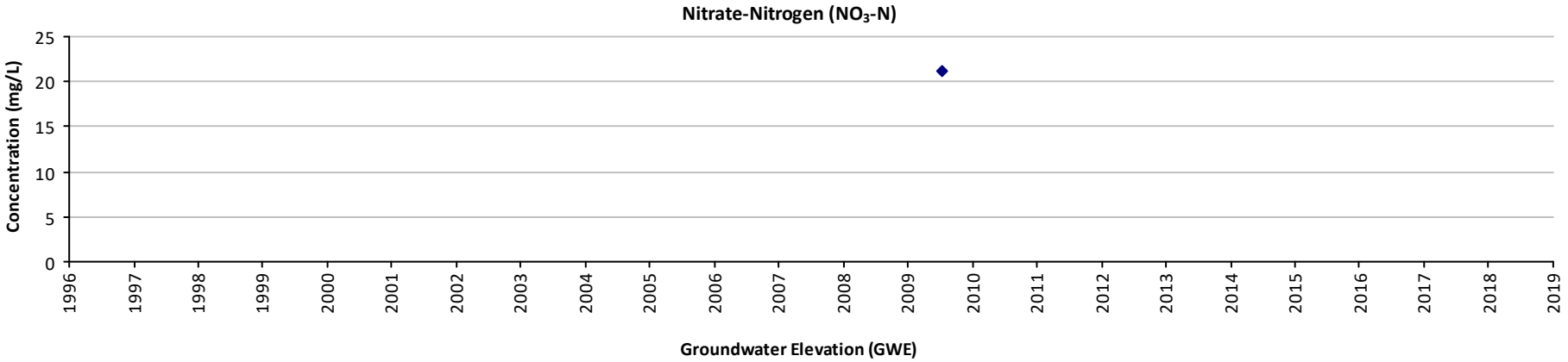


Total Dissolved Solids (TDS)



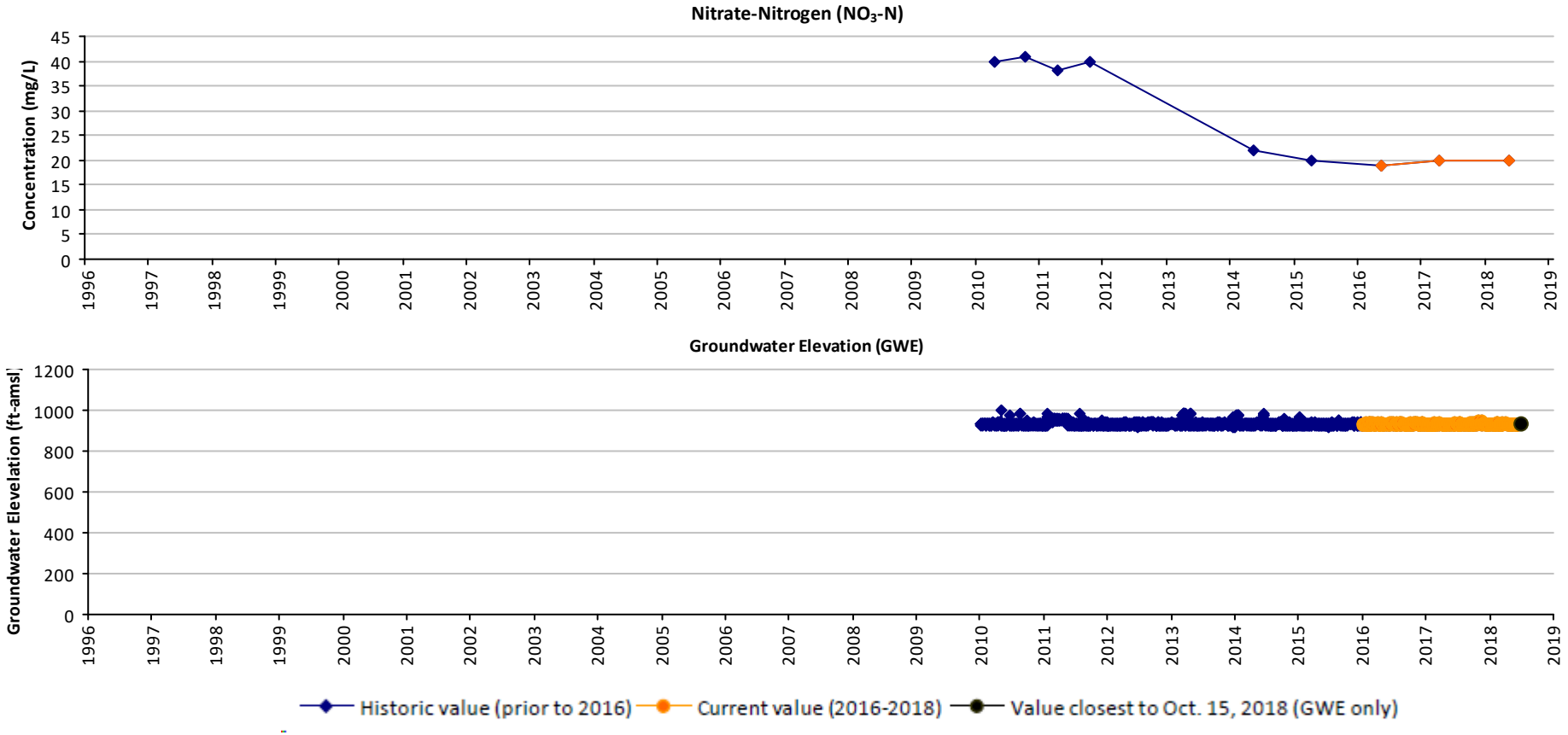
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

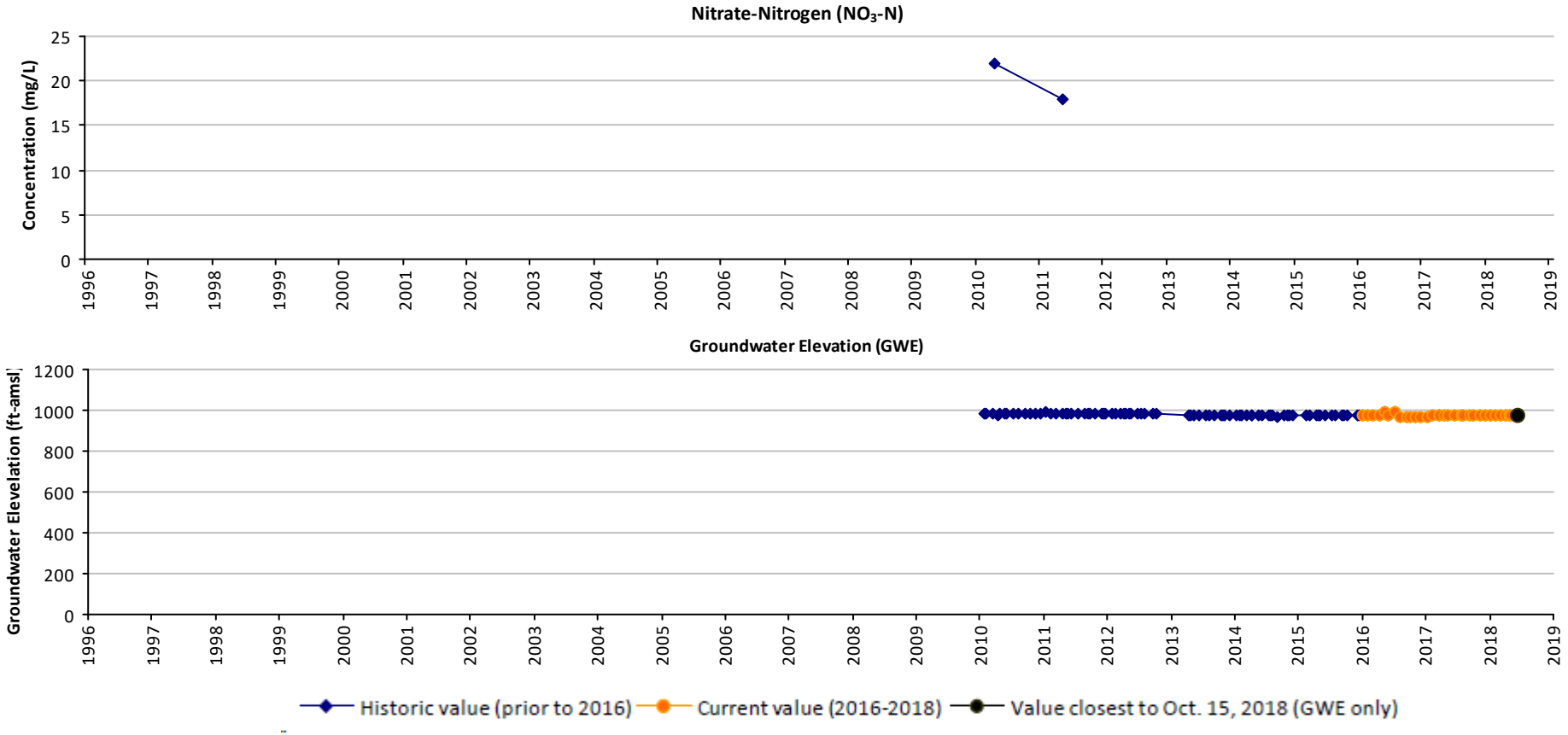


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

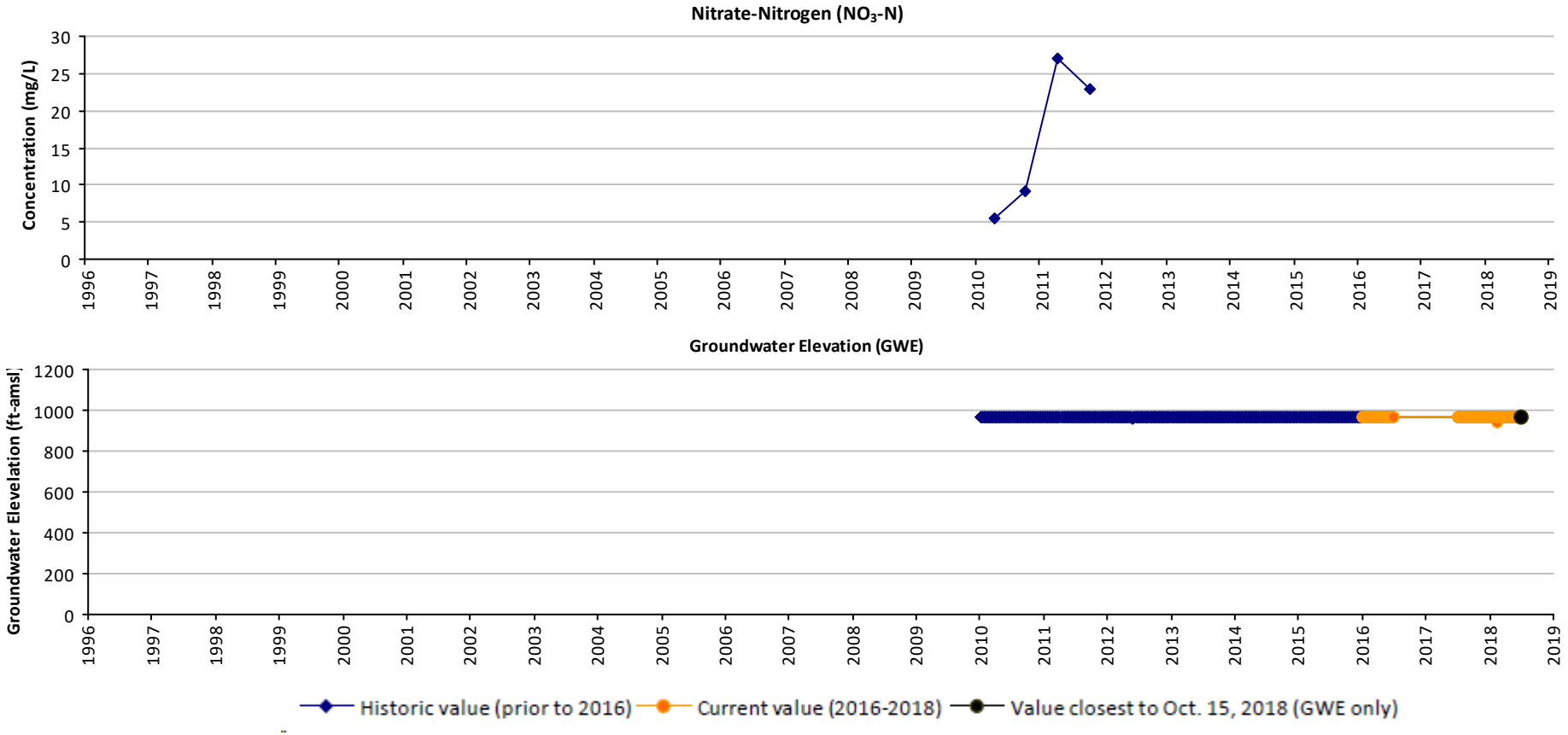
Total Dissolved Solids (TDS)



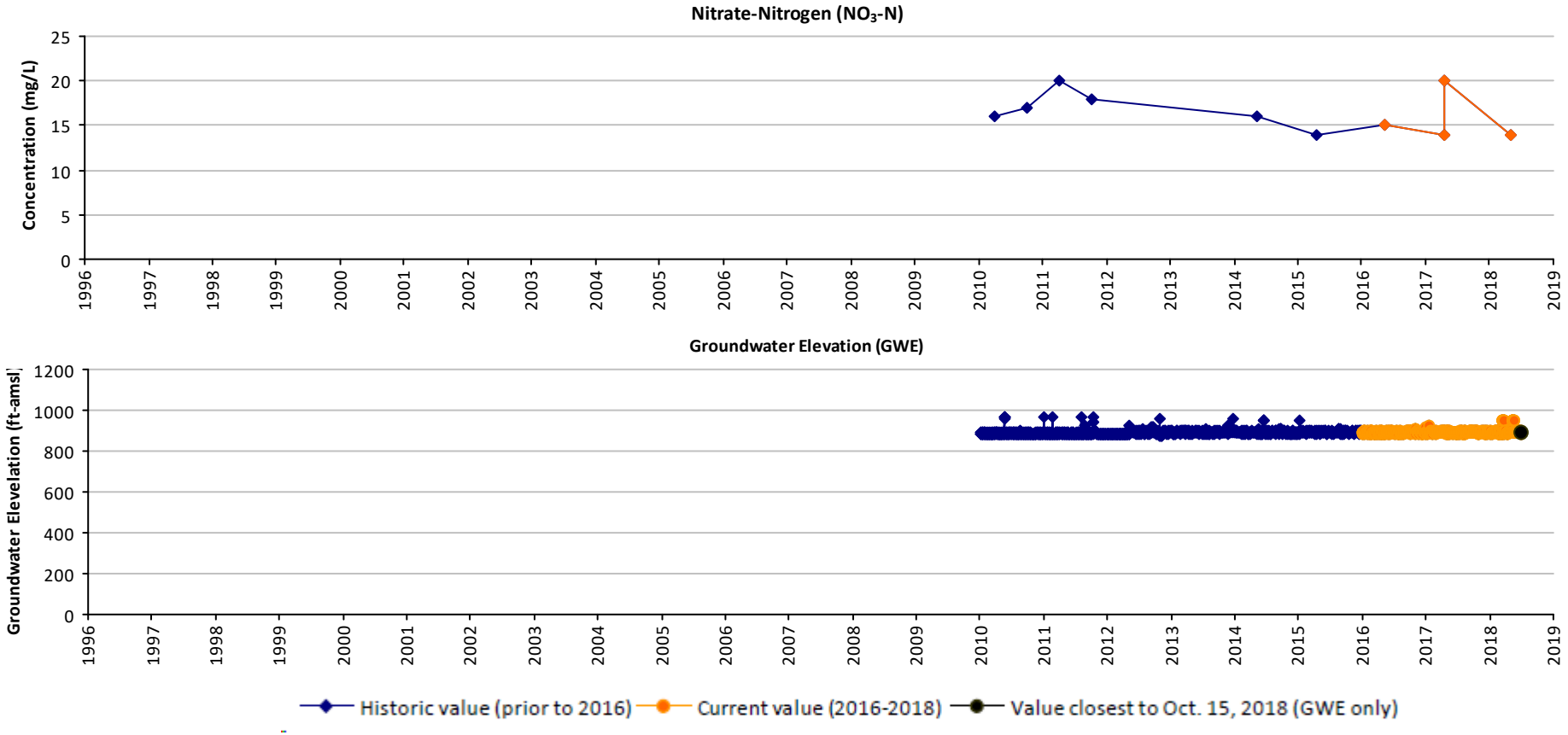
Total Dissolved Solids (TDS)



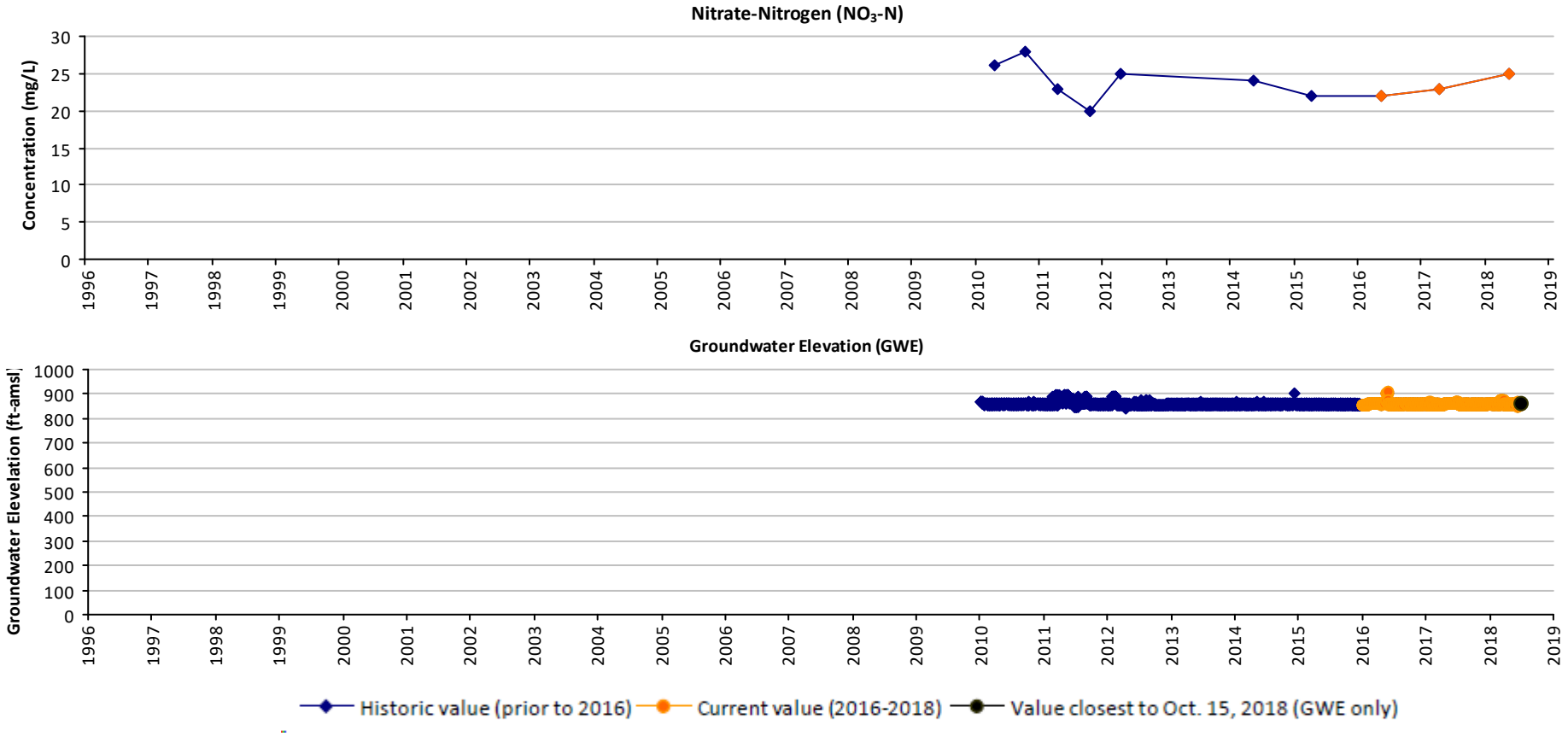
Total Dissolved Solids (TDS)



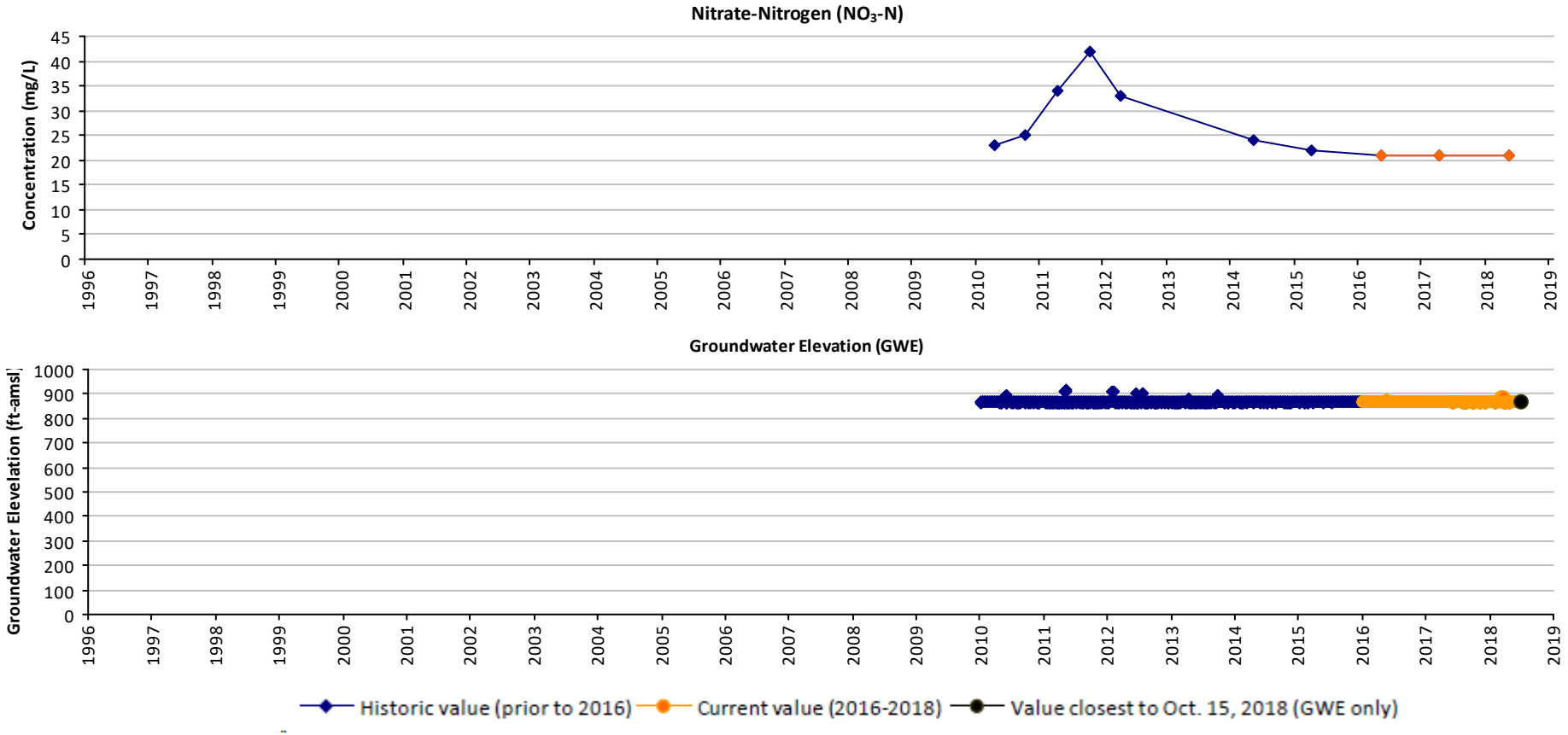
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

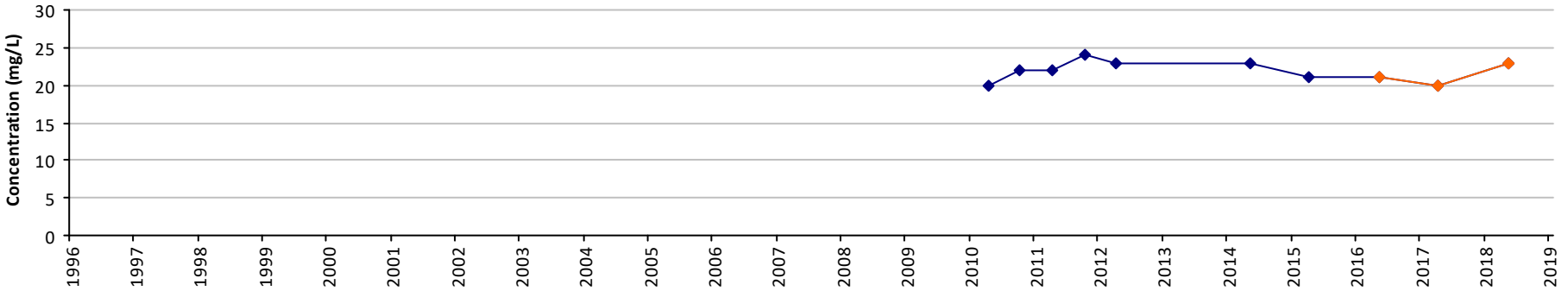


Total Dissolved Solids (TDS)

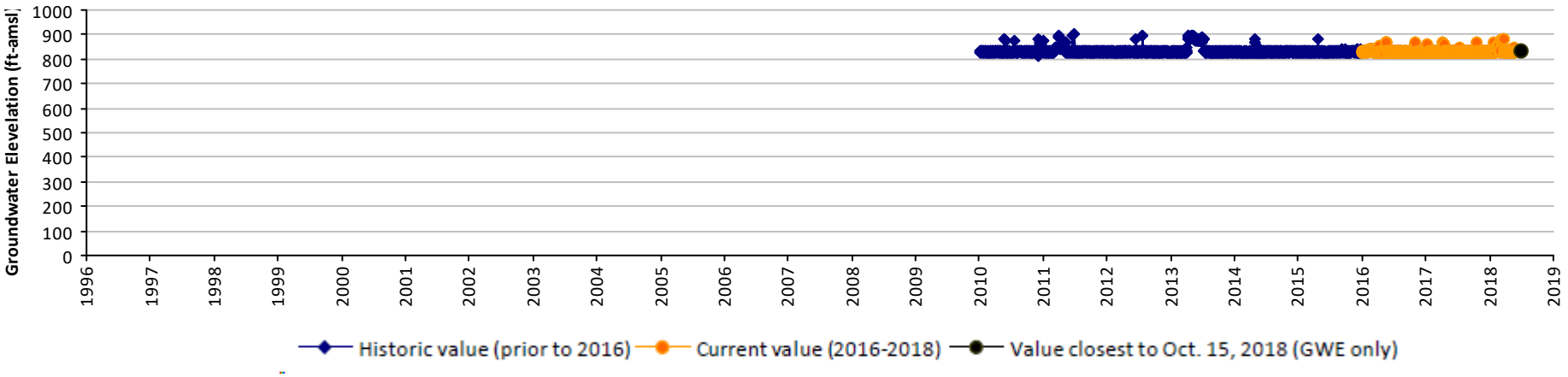


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

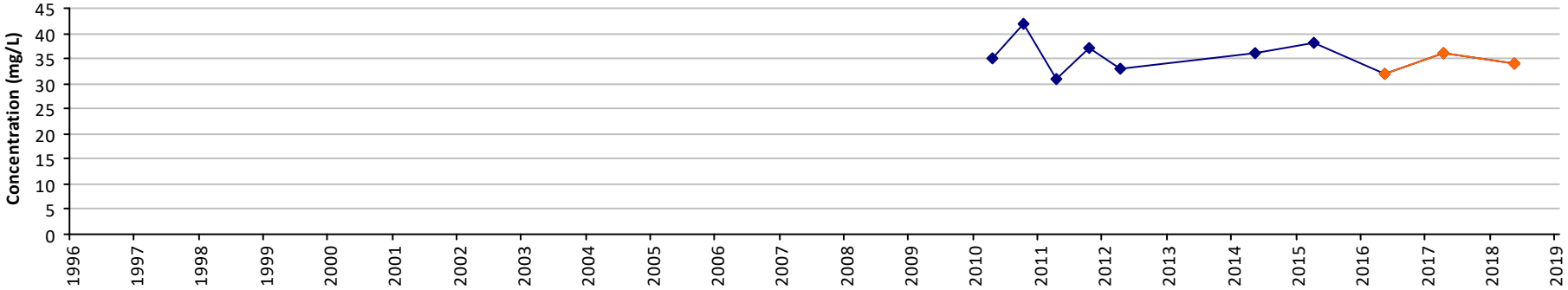


Groundwater Elevation (GWE)

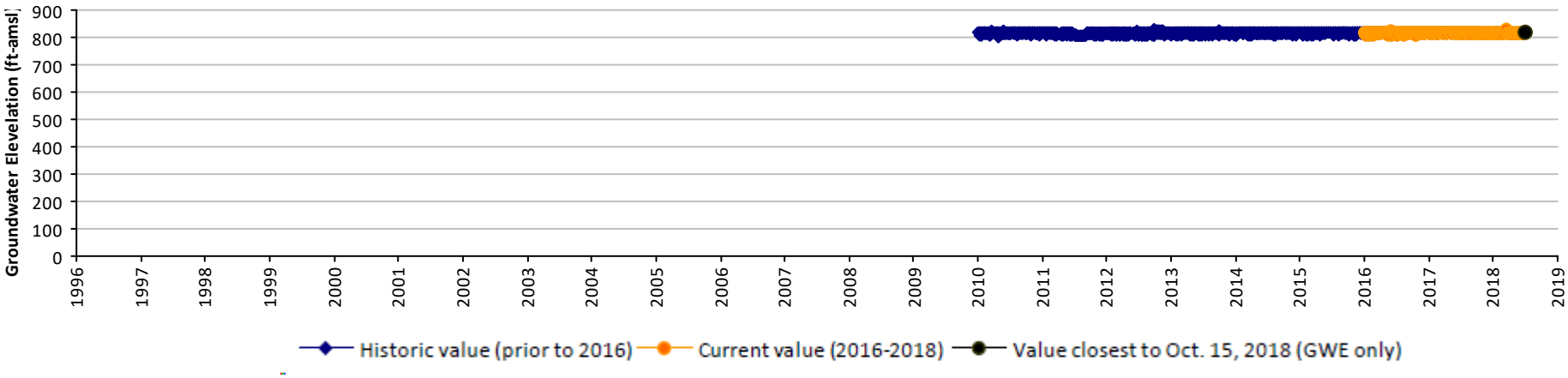


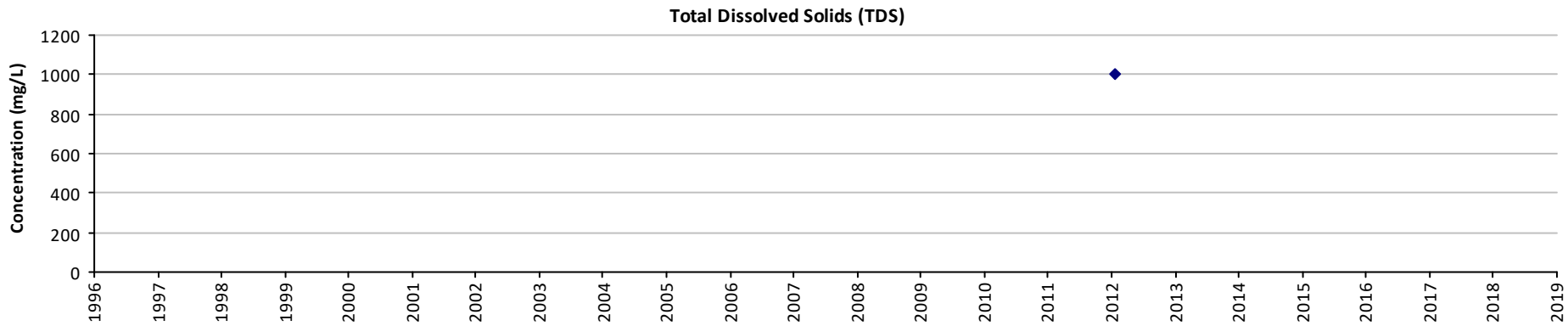
Total Dissolved Solids (TDS)

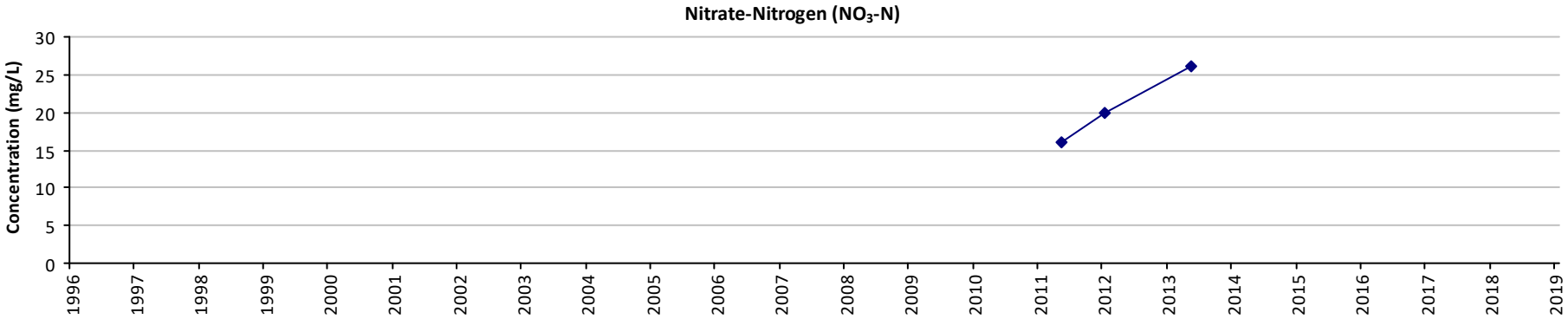
Nitrate-Nitrogen (NO_3-N)

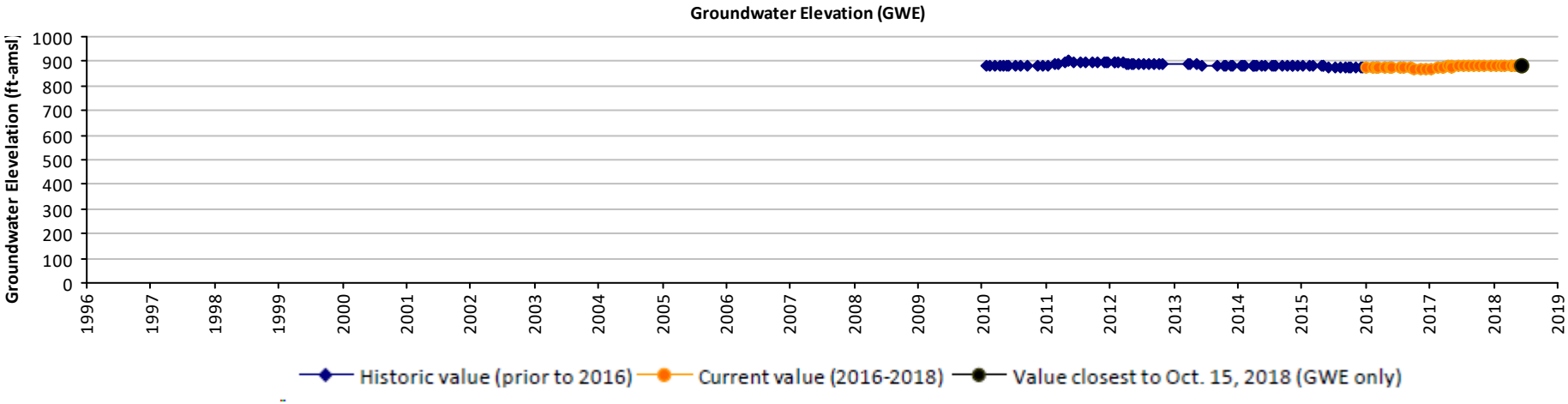


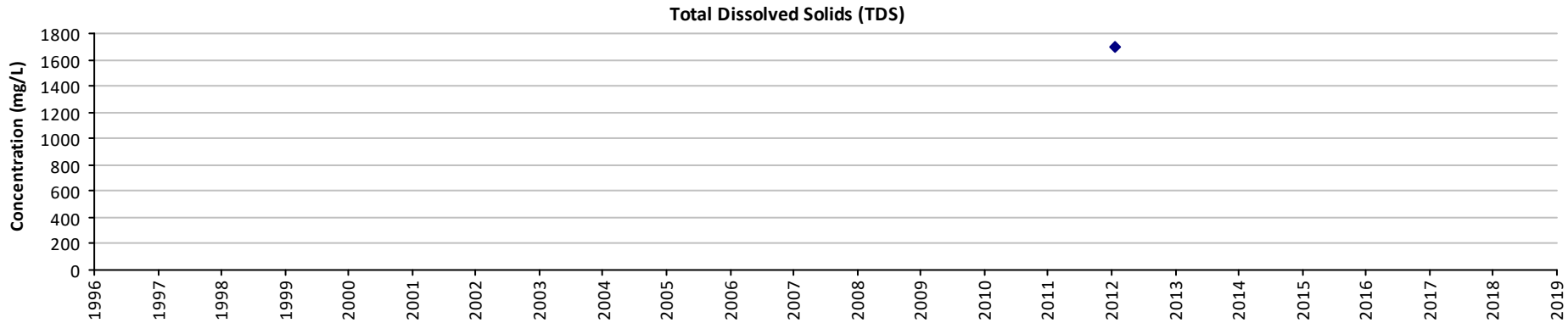
Groundwater Elevation (GWE)

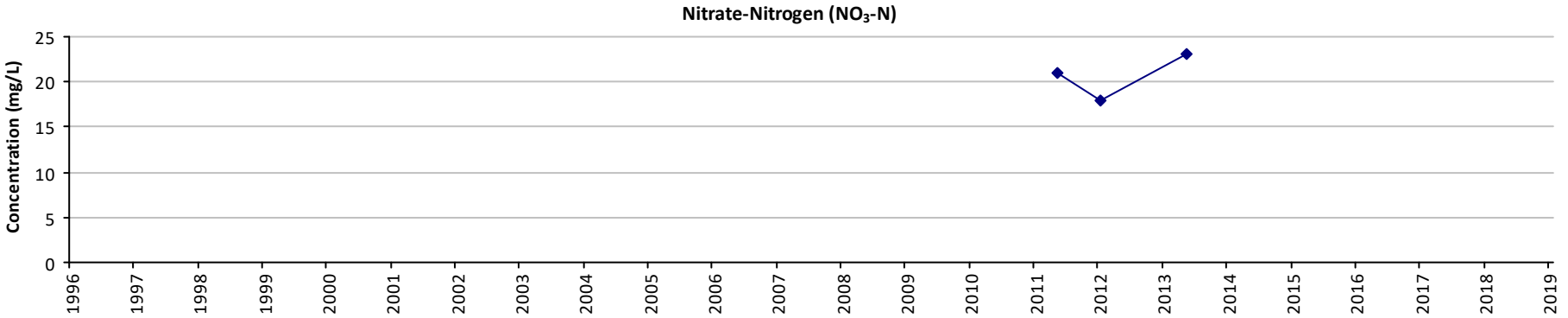



Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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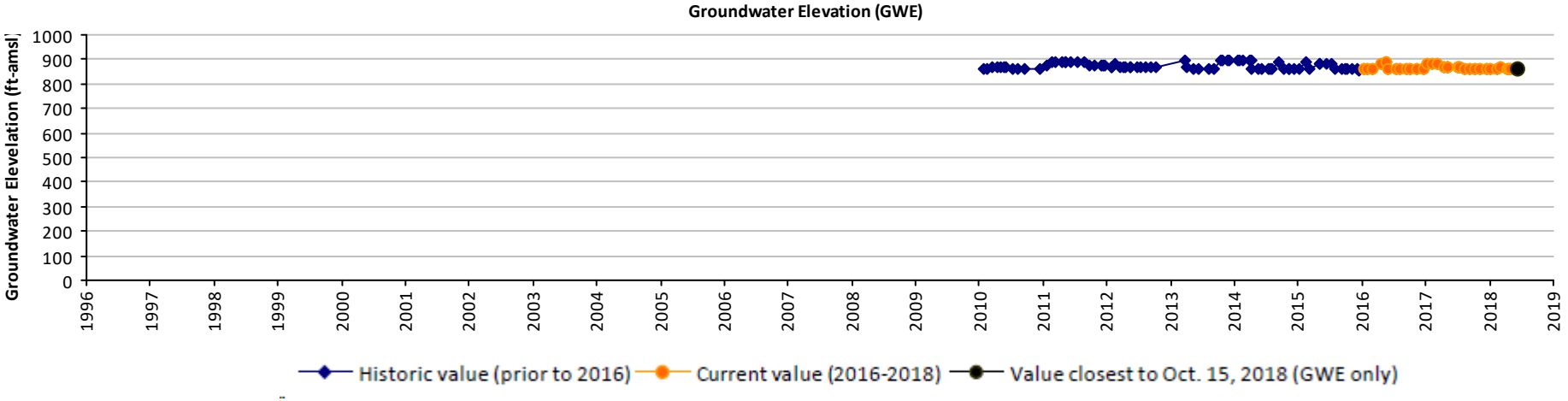
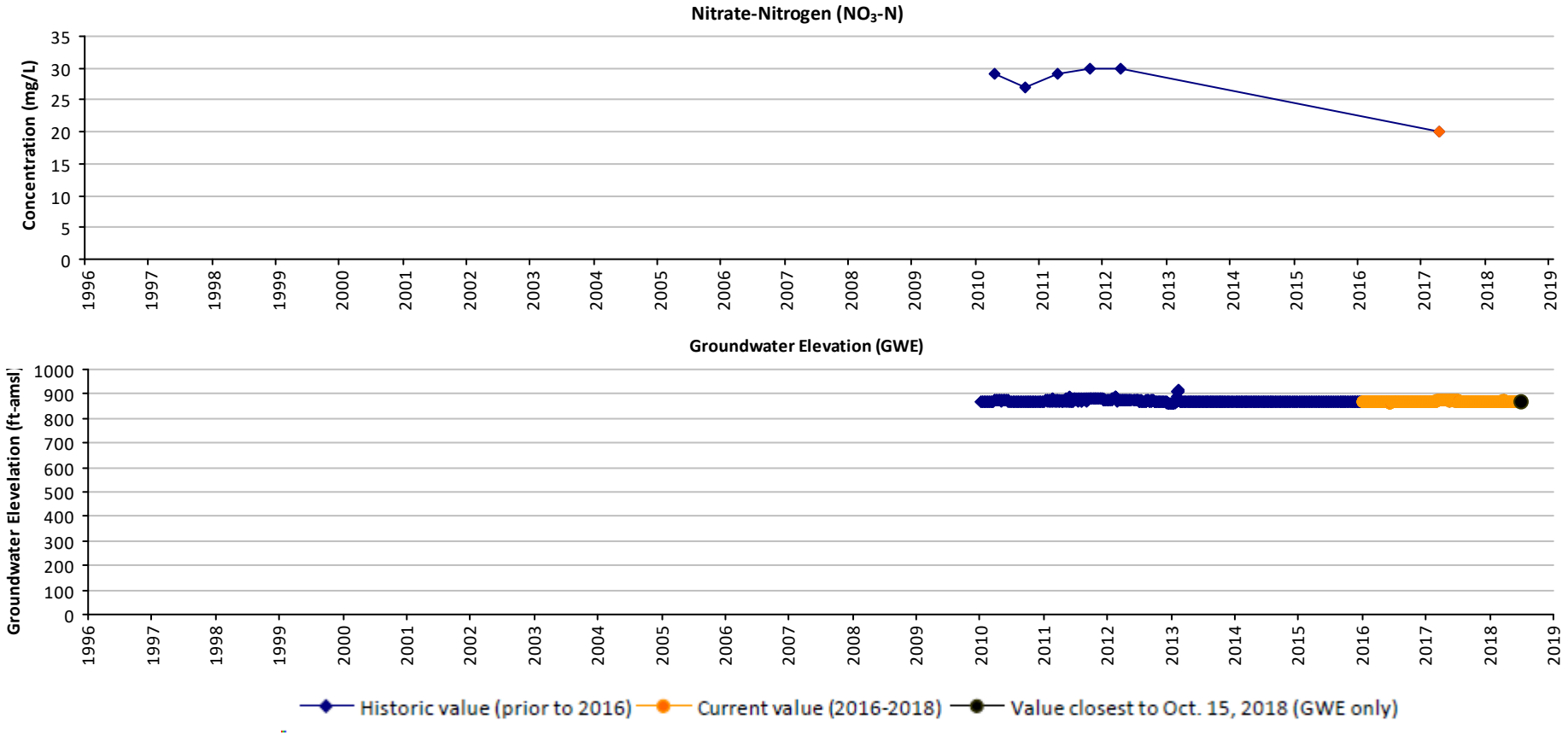
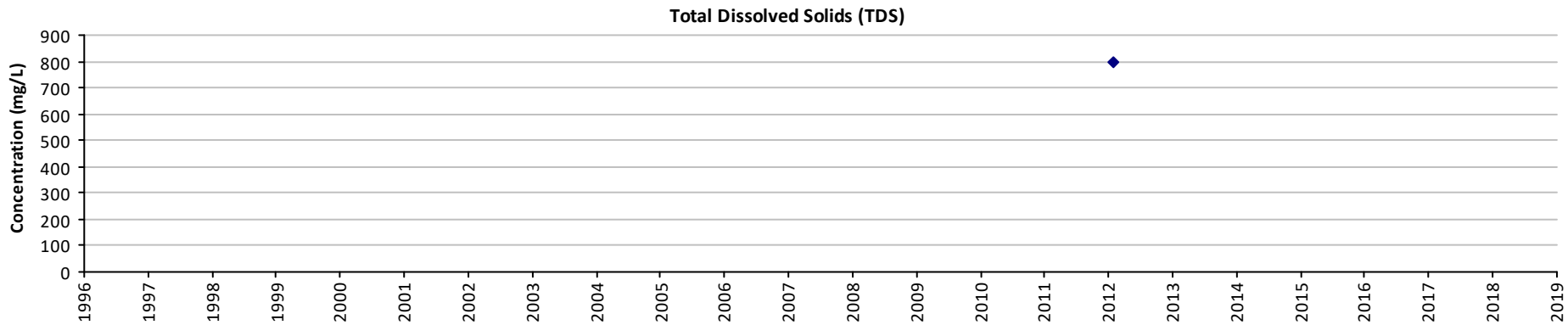
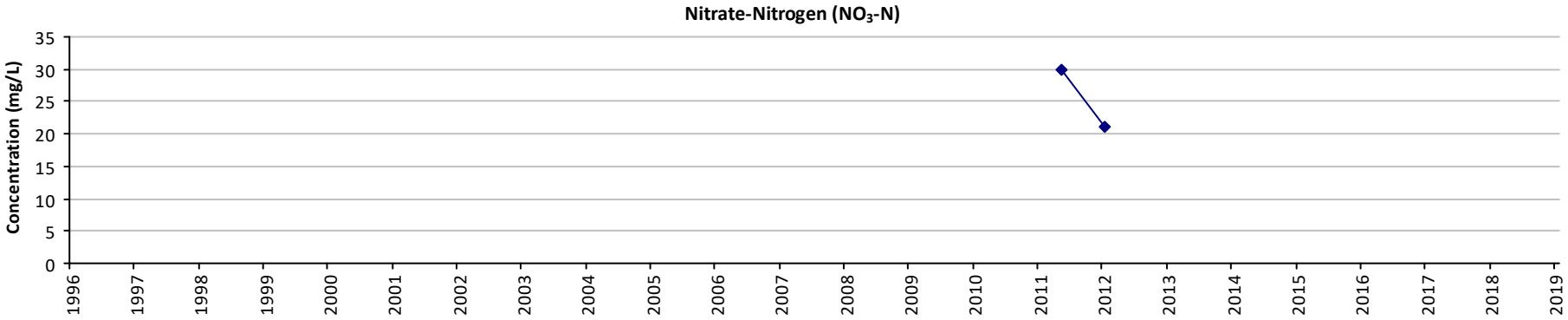
2016
2017
2018
2019

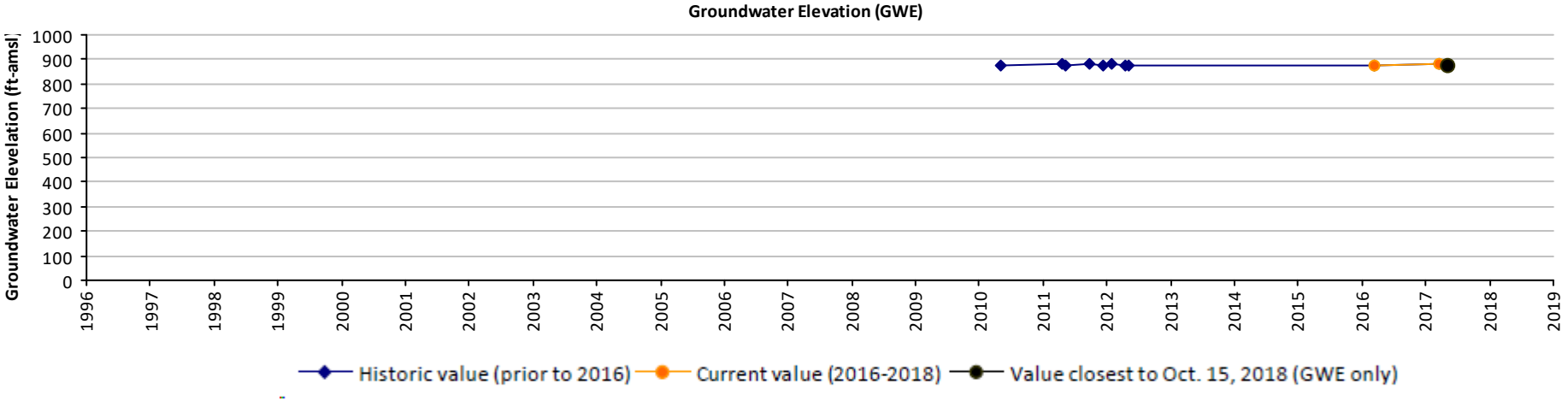

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

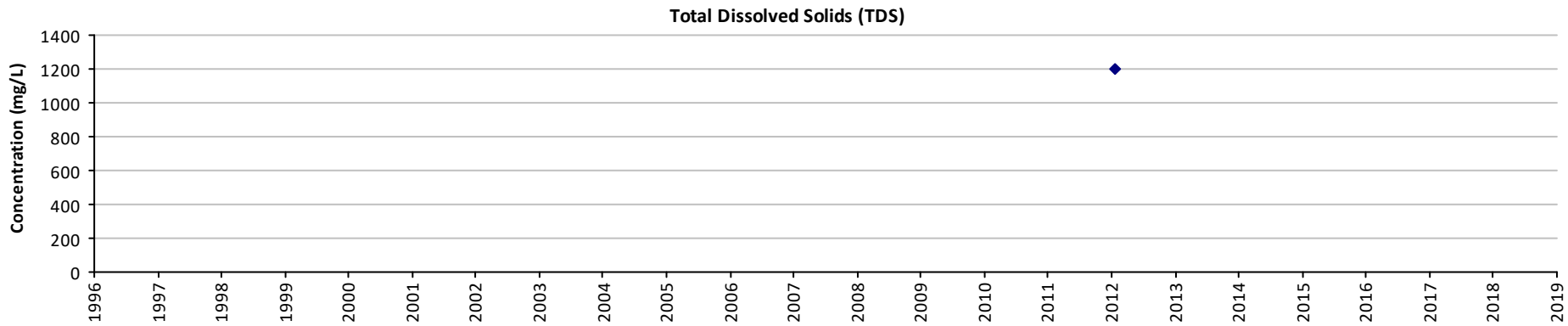
Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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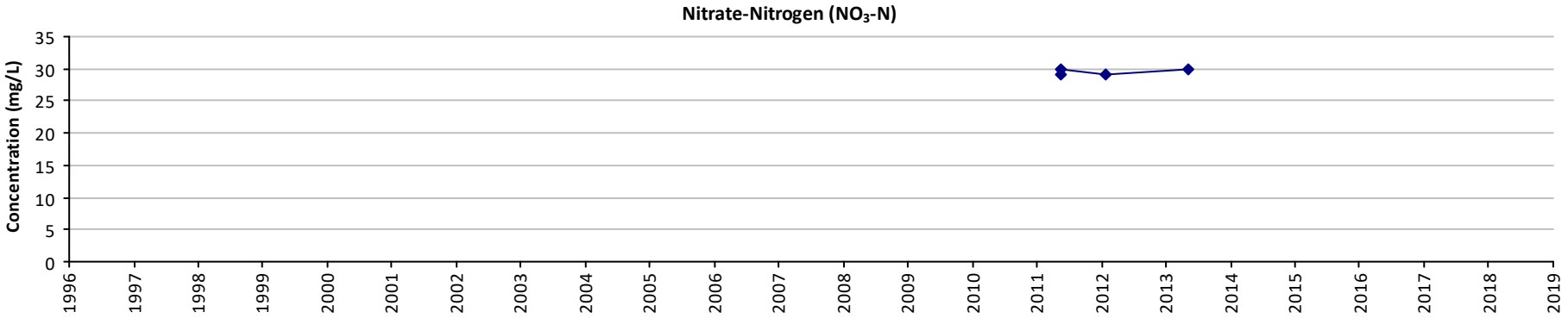
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
2008
2009
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2012
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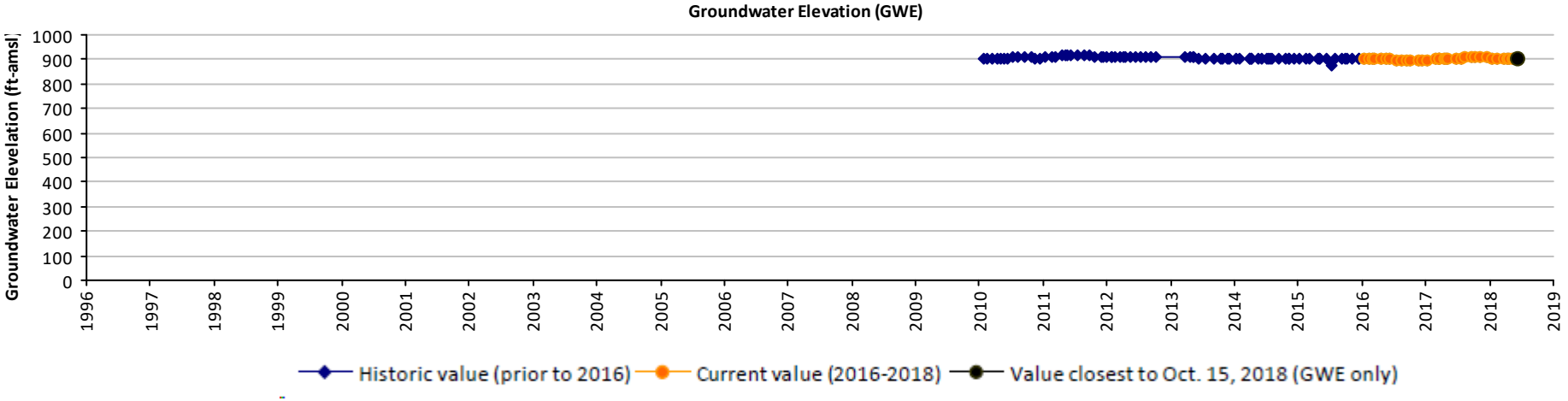
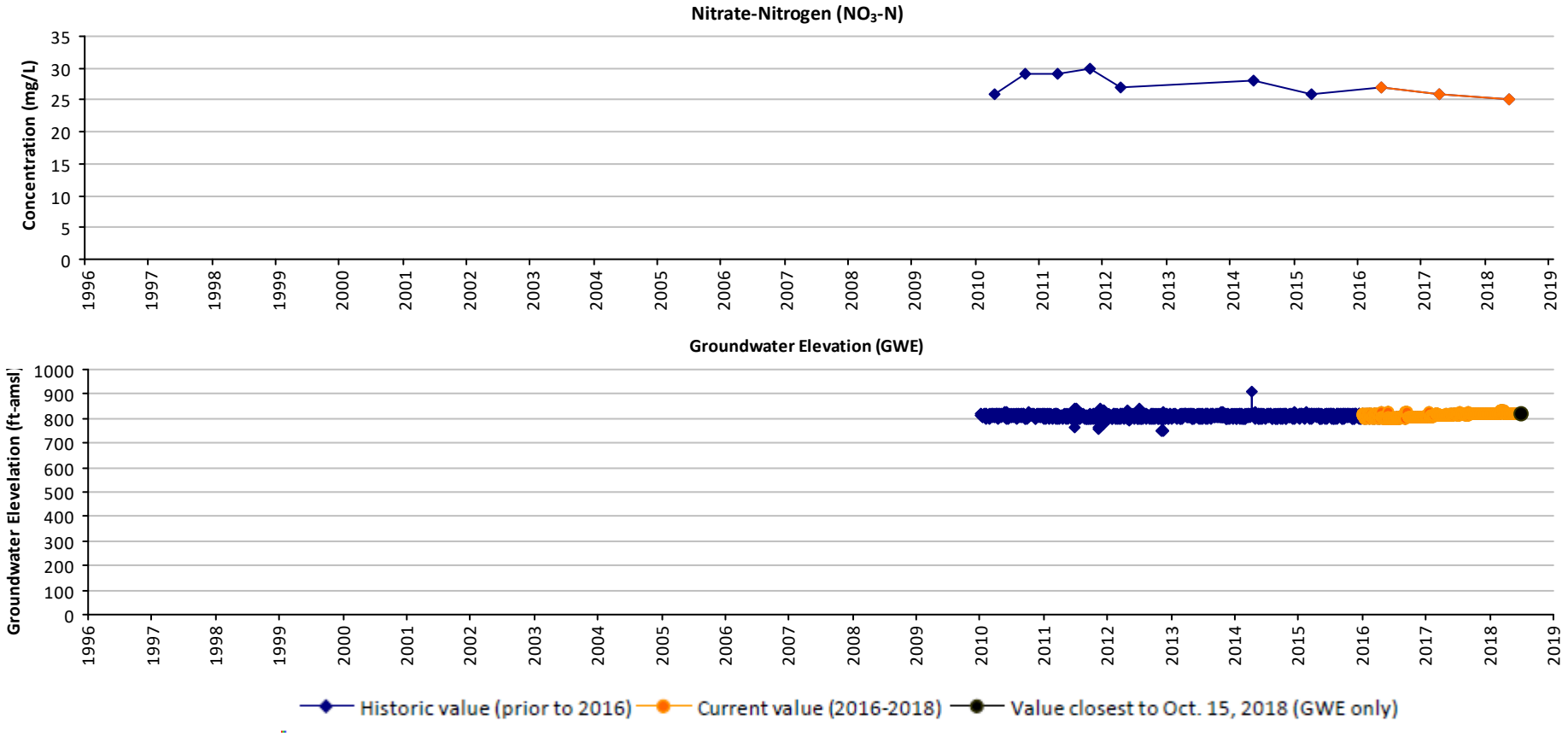
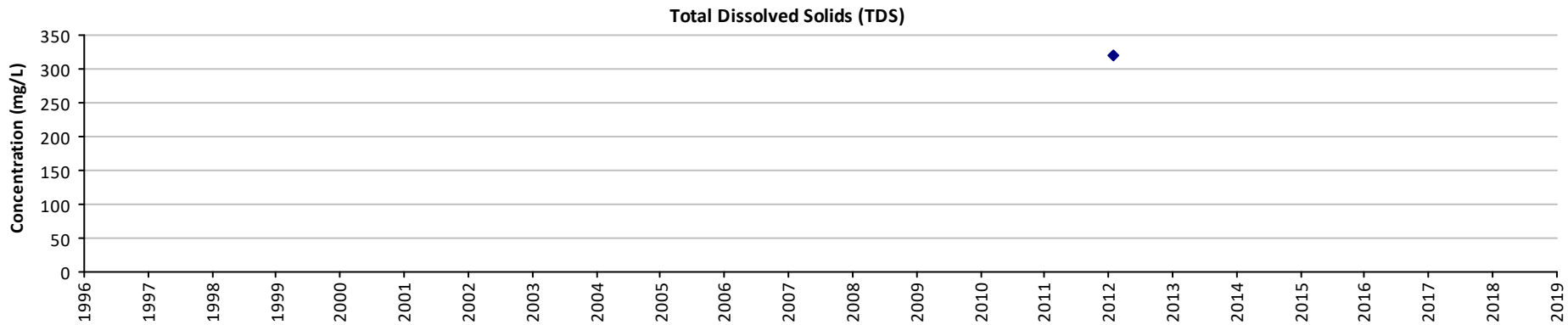
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2012
2013
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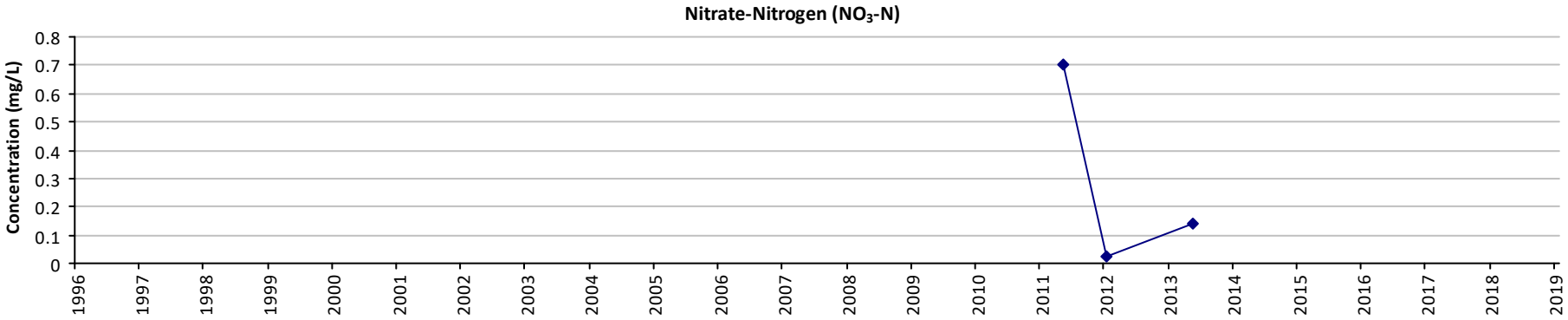
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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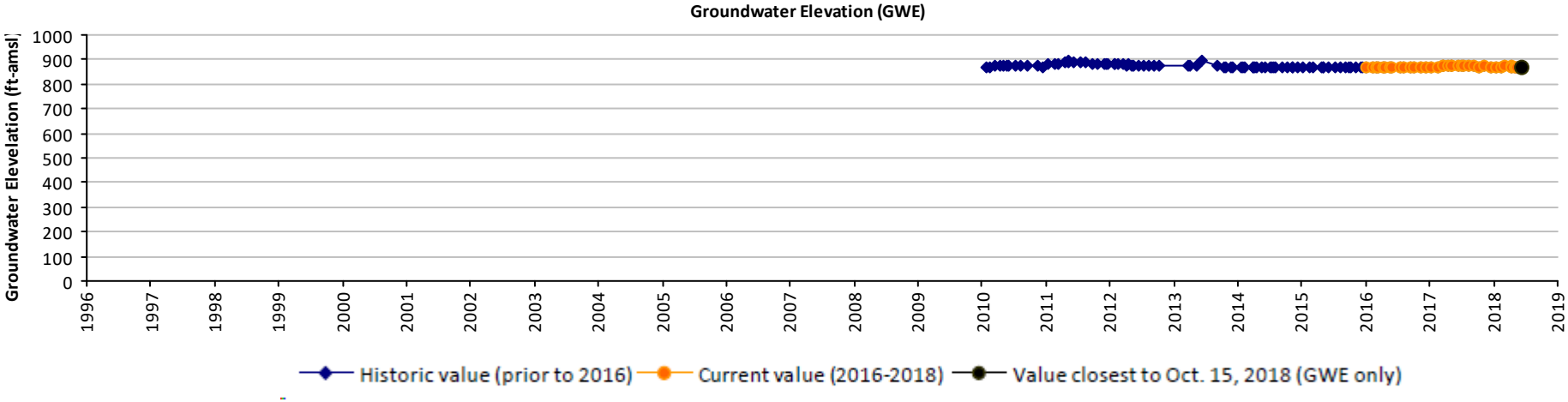
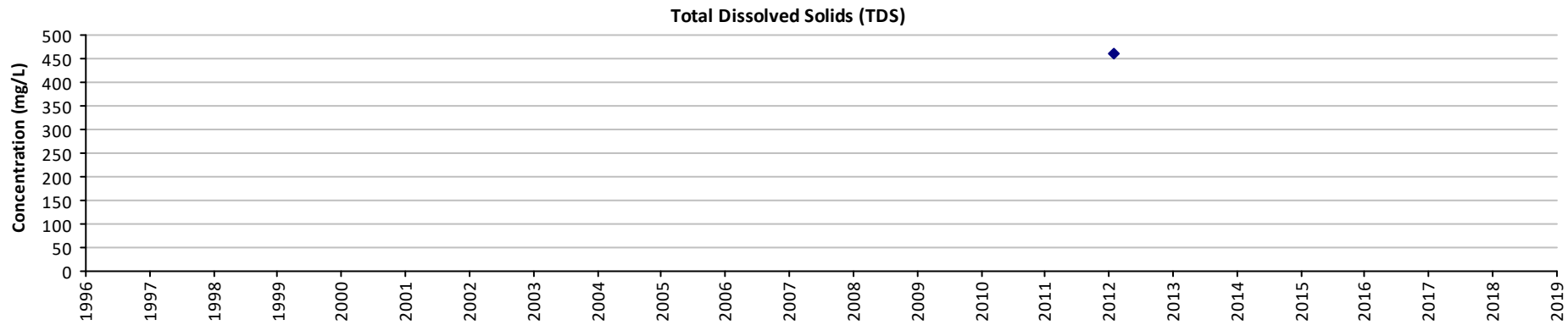
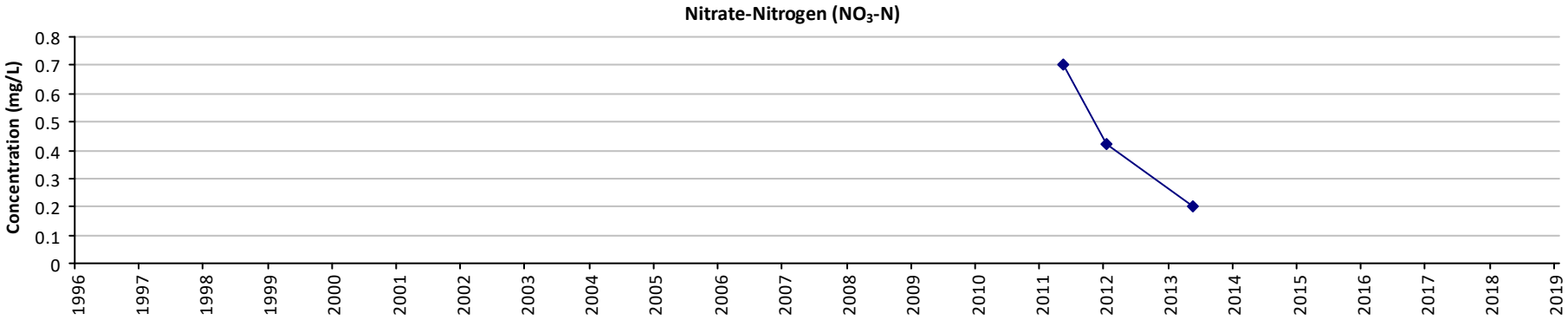
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
2009
2010
2011
2012
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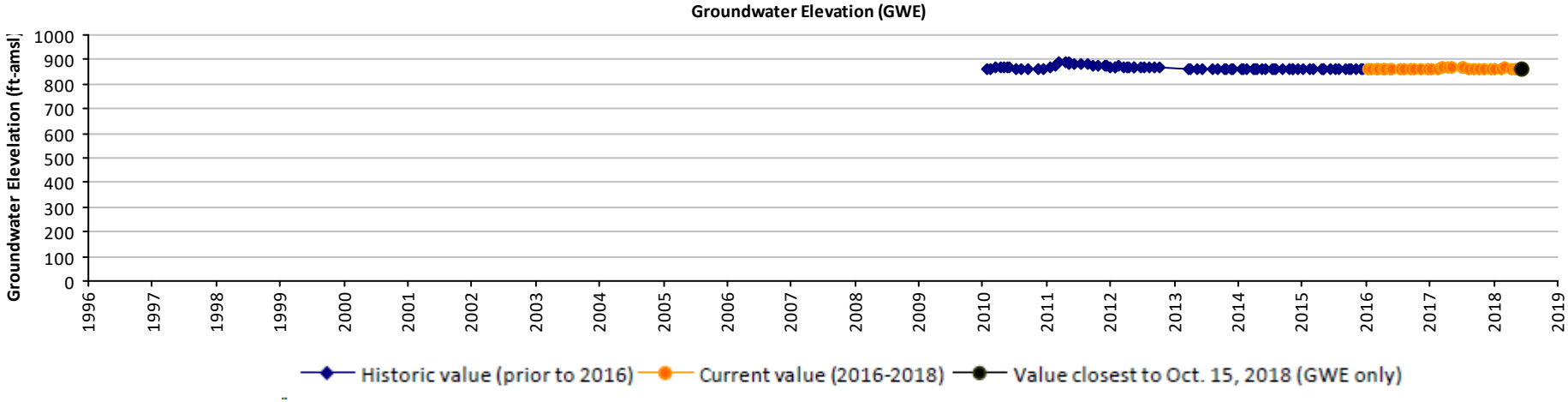
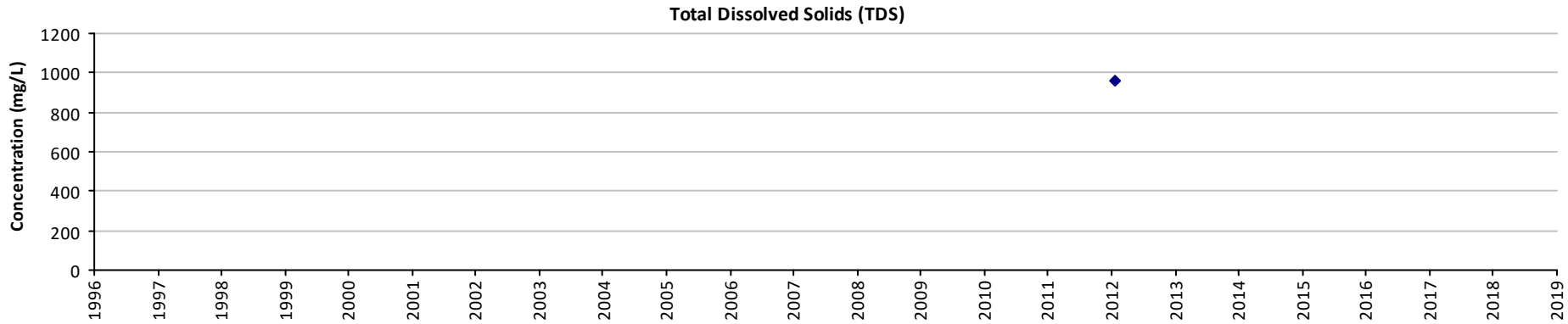
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
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2001
2002
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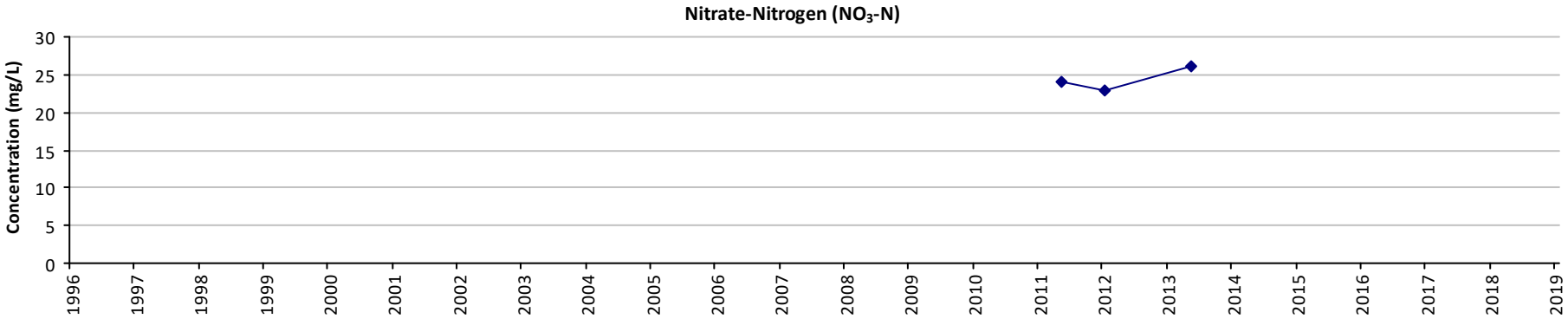
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
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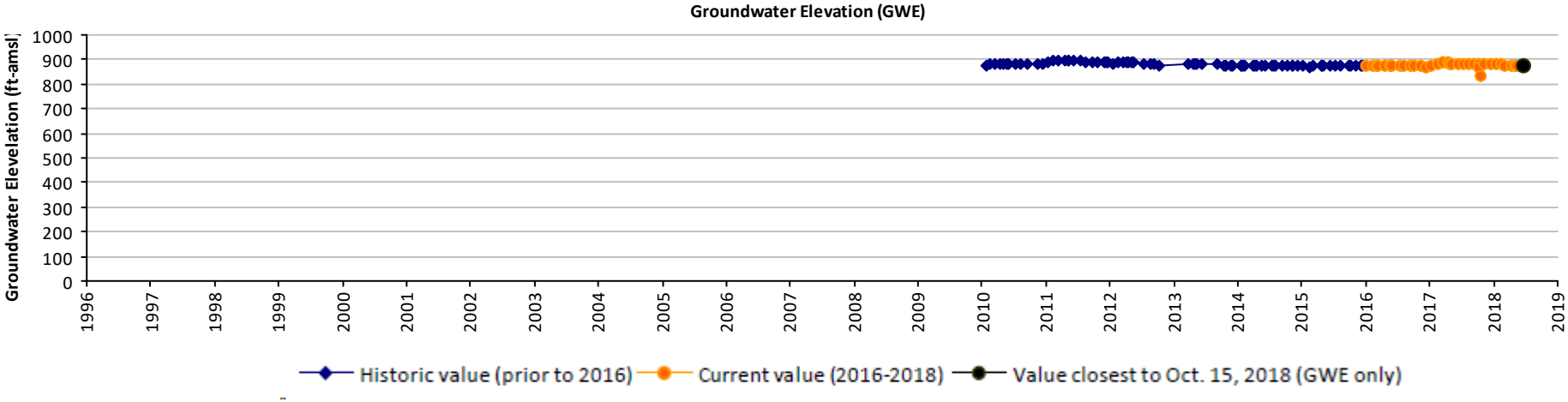
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
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2001
2002
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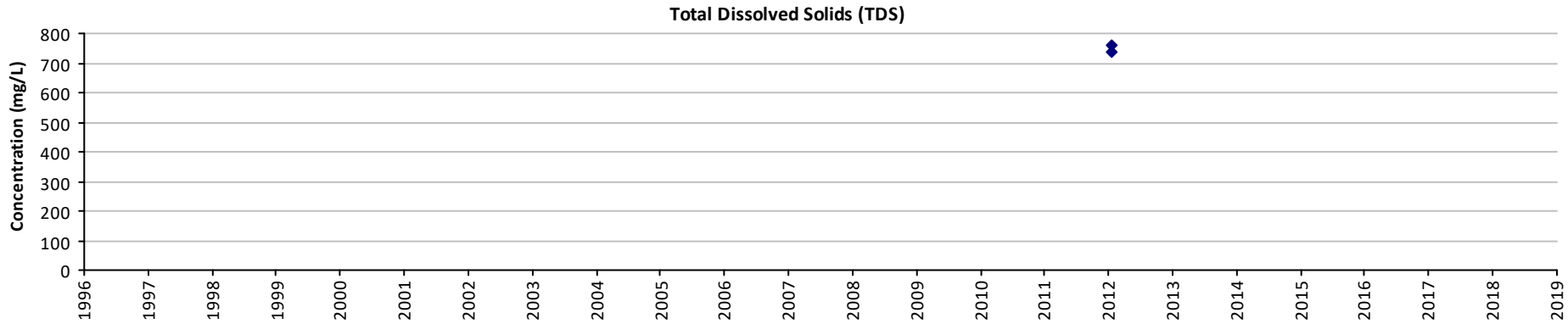
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
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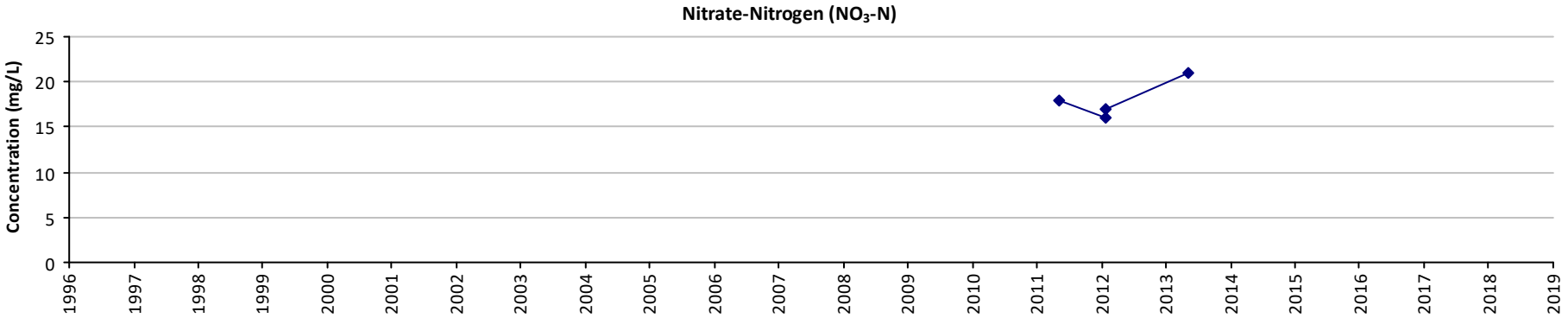
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
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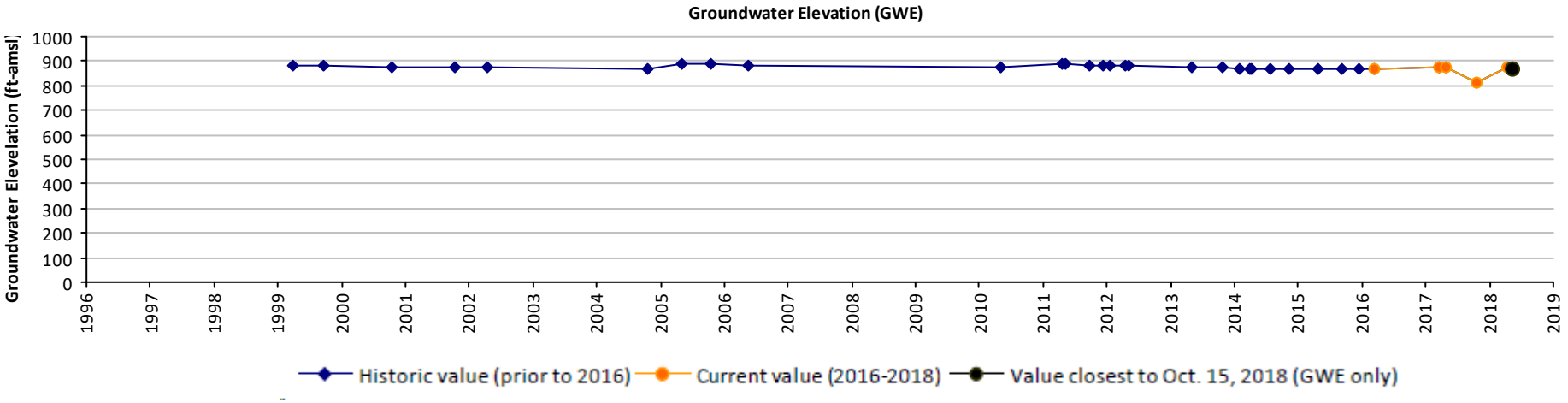
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
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2002
2003
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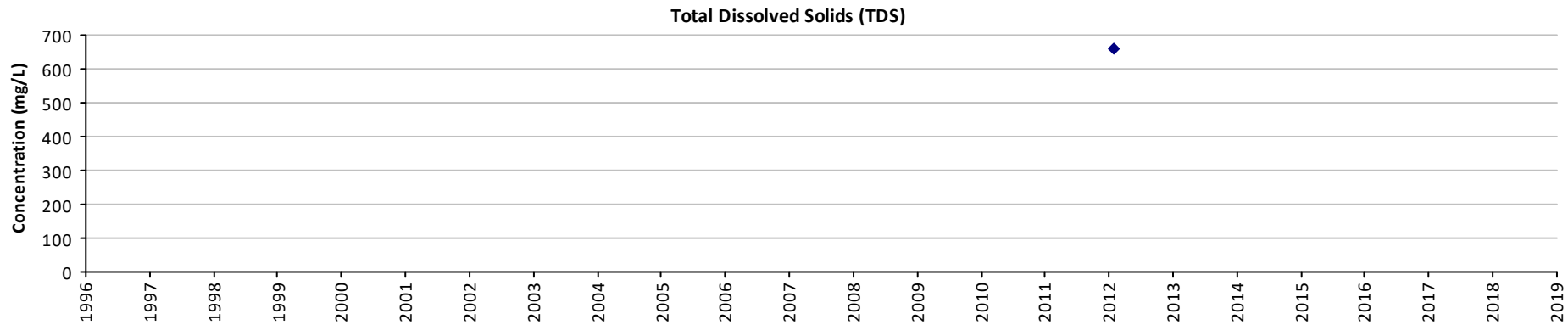
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
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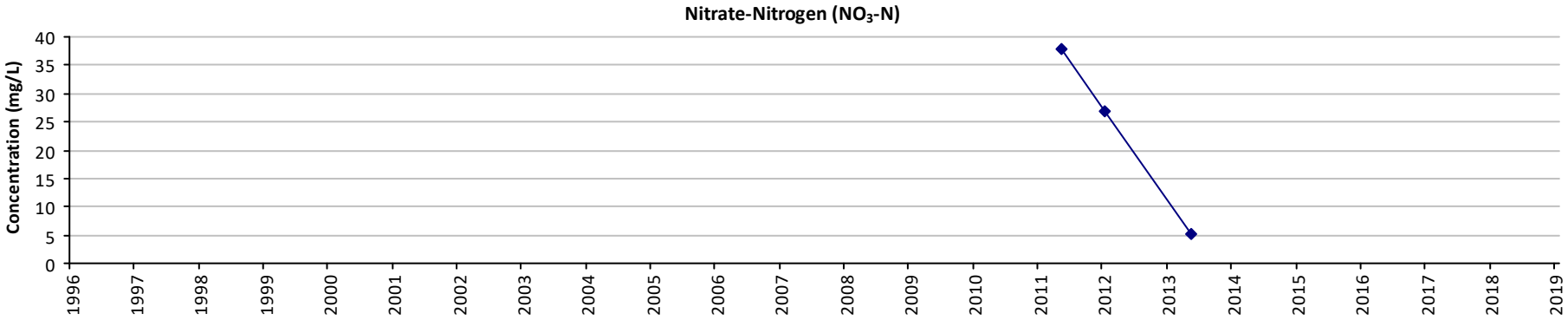
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
1996
1997
1998
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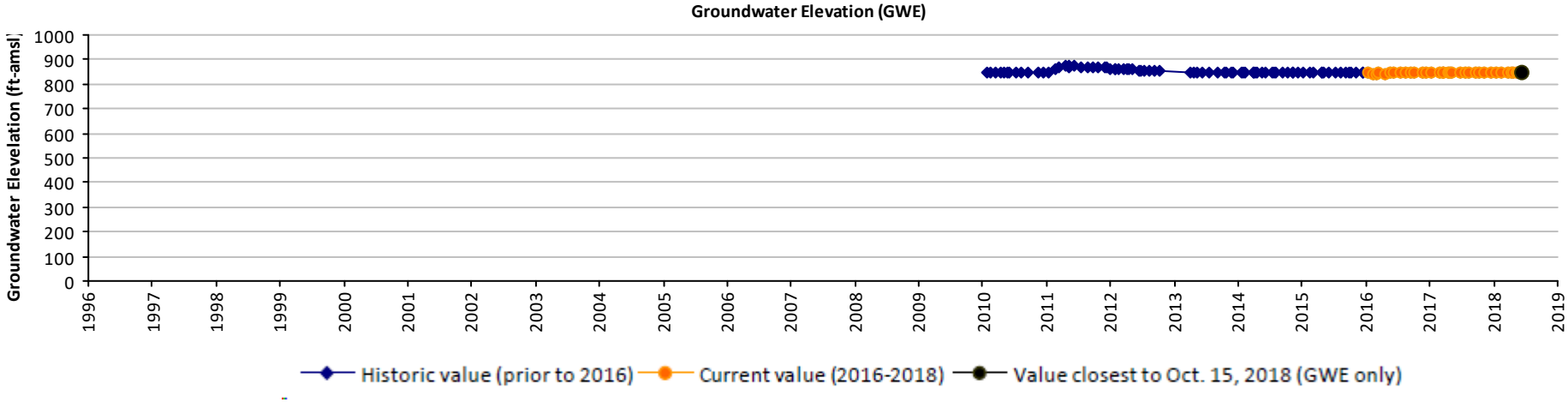
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
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2000
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2002
2003
2004
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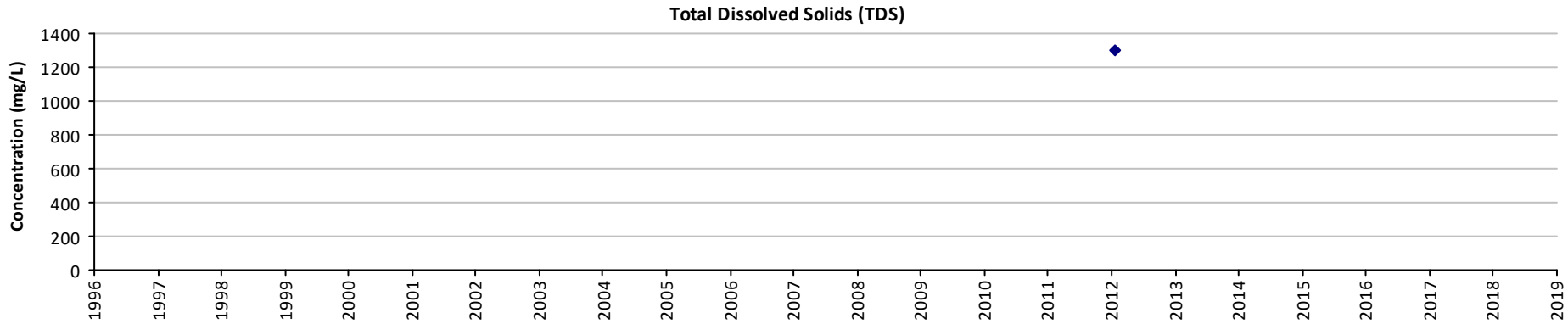
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
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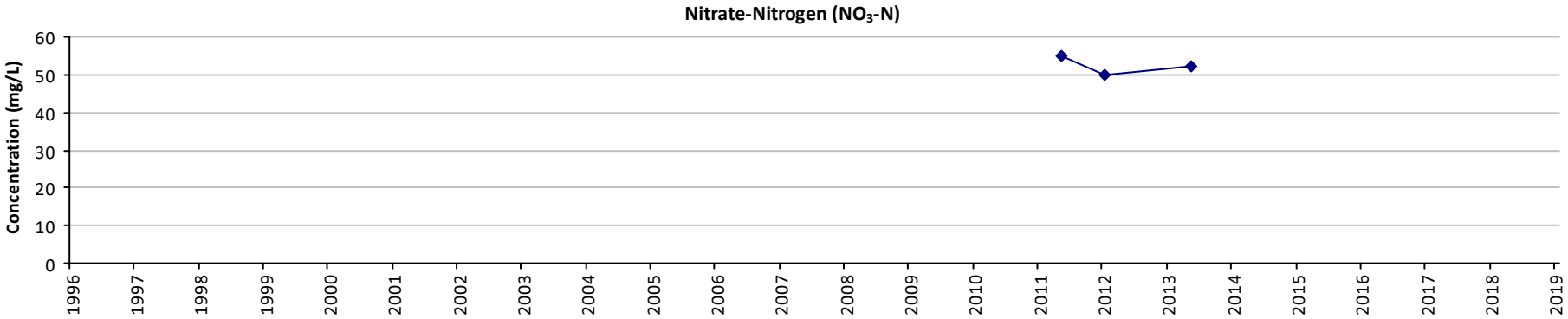
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
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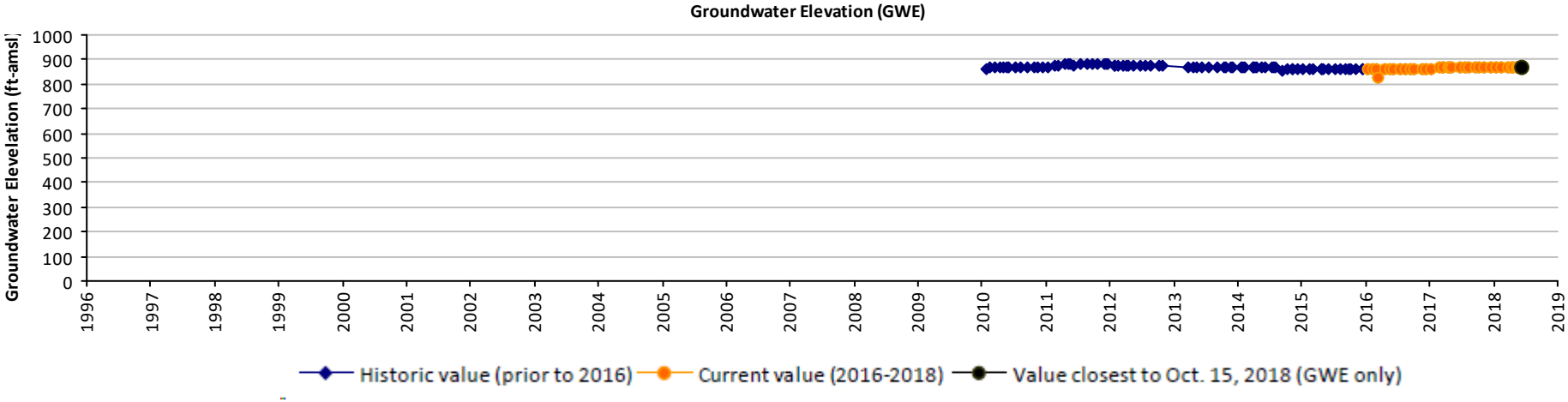
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
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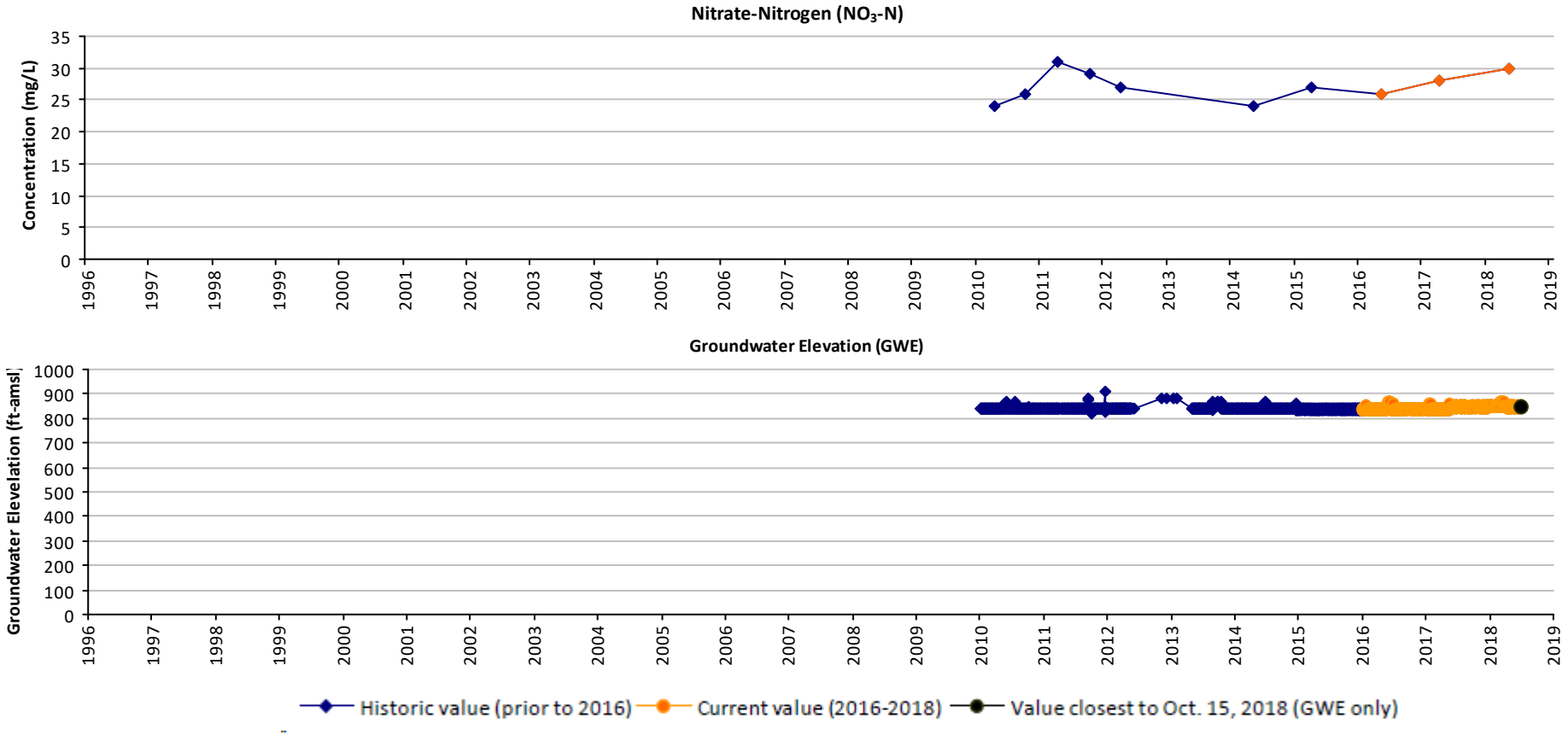
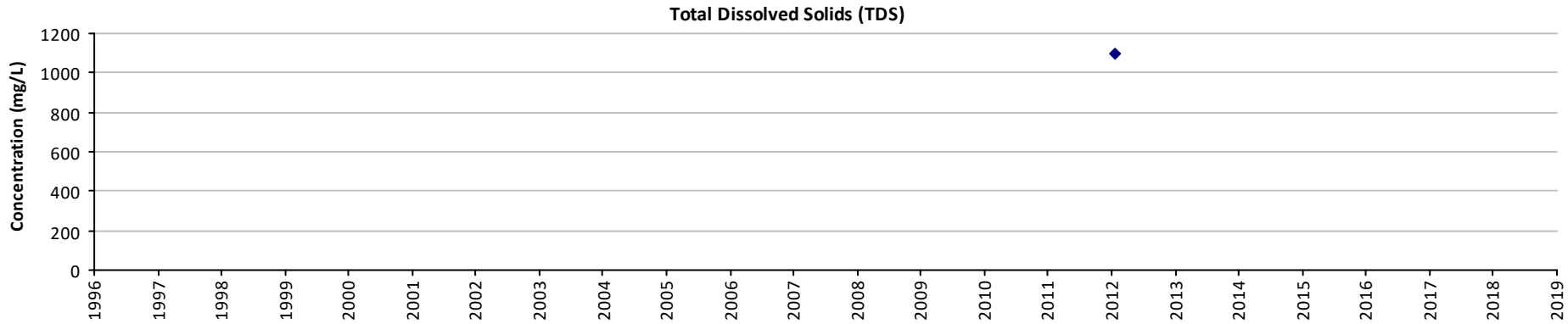
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
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2001
2002
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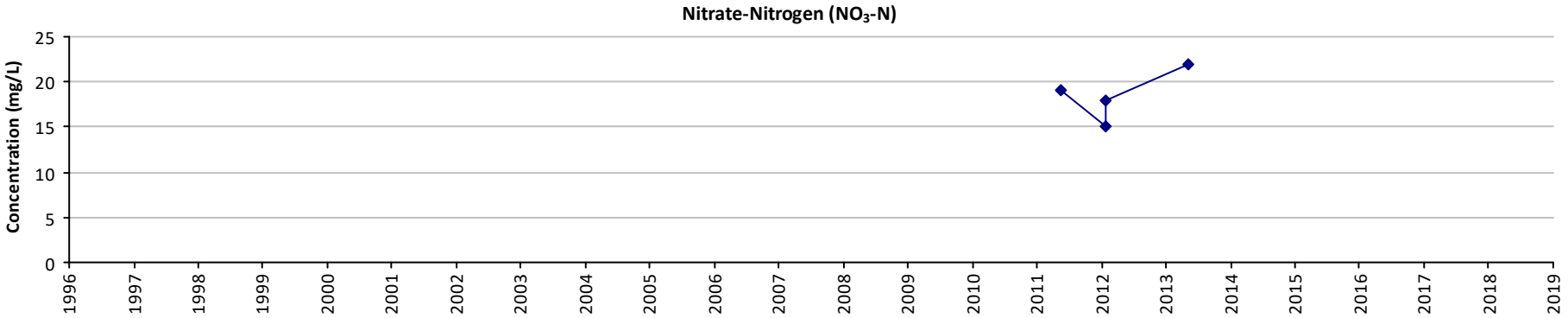
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
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2001
2002
2003
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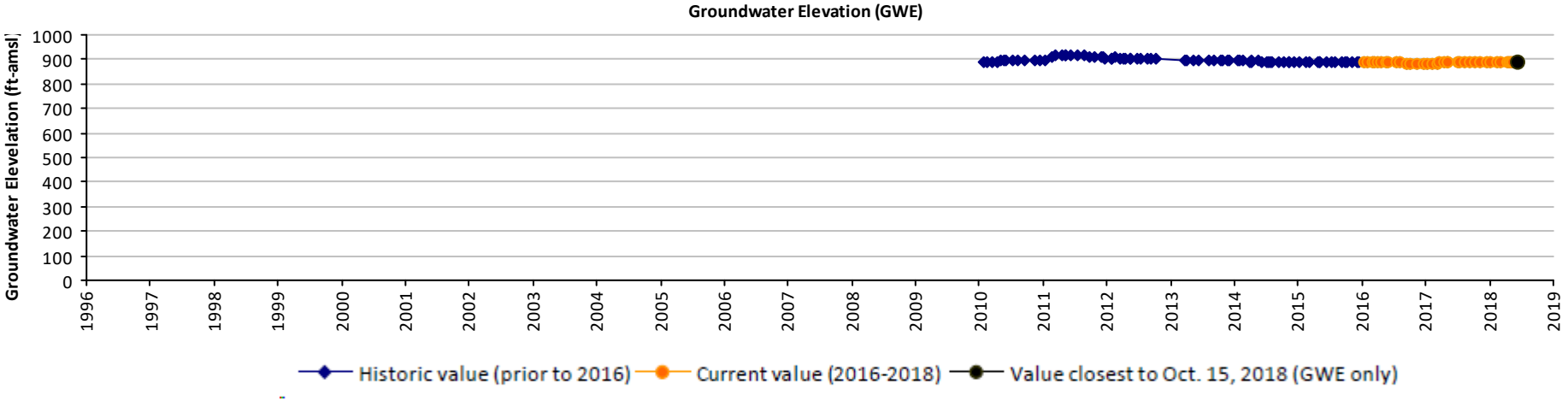
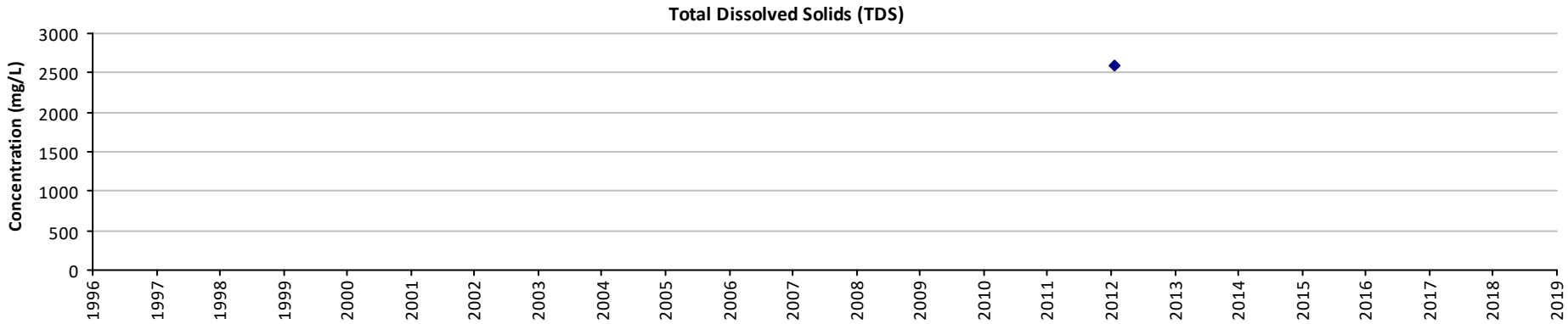
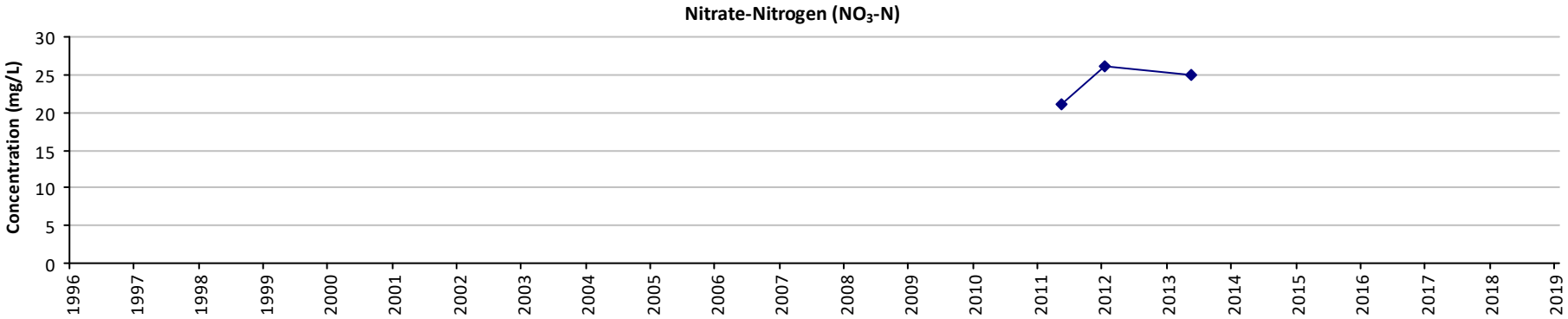
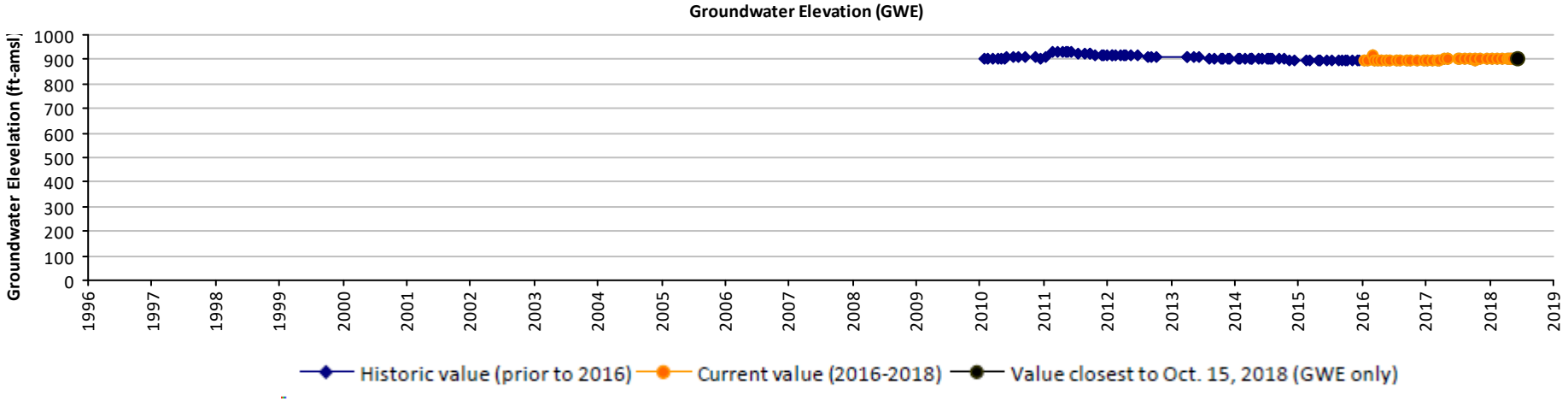
2019

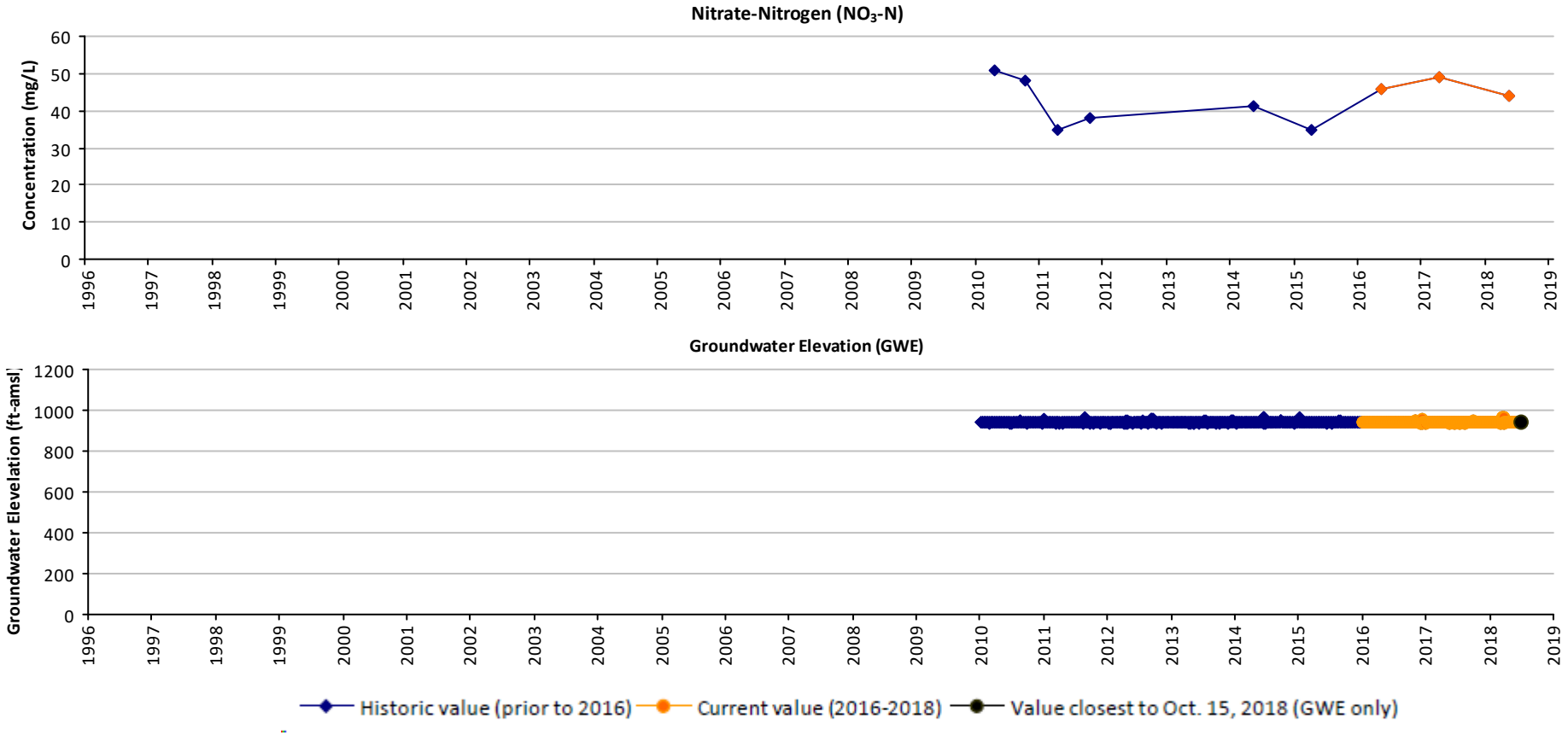

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

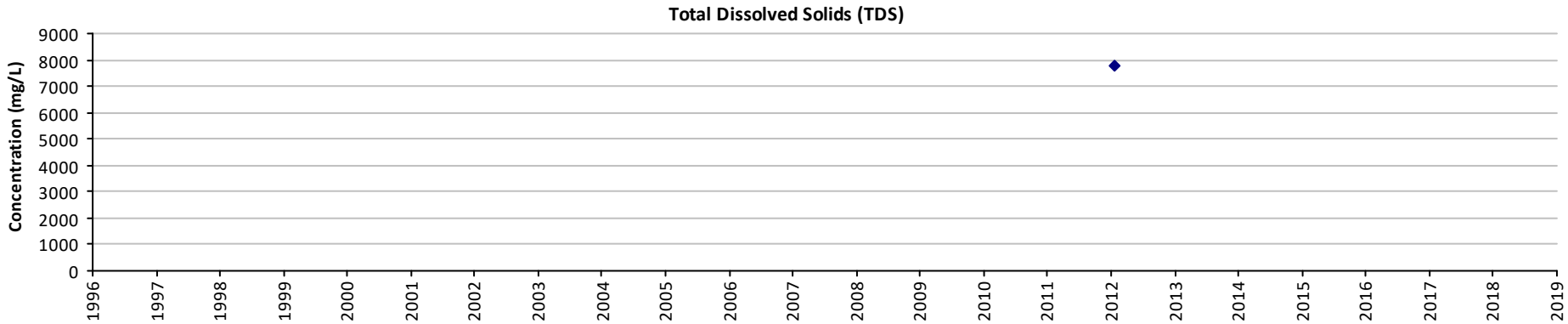

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

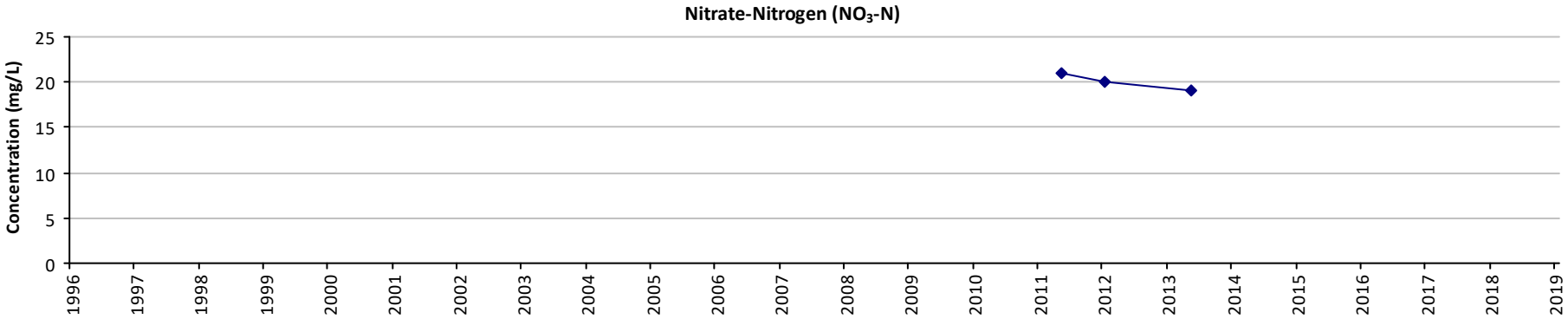

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

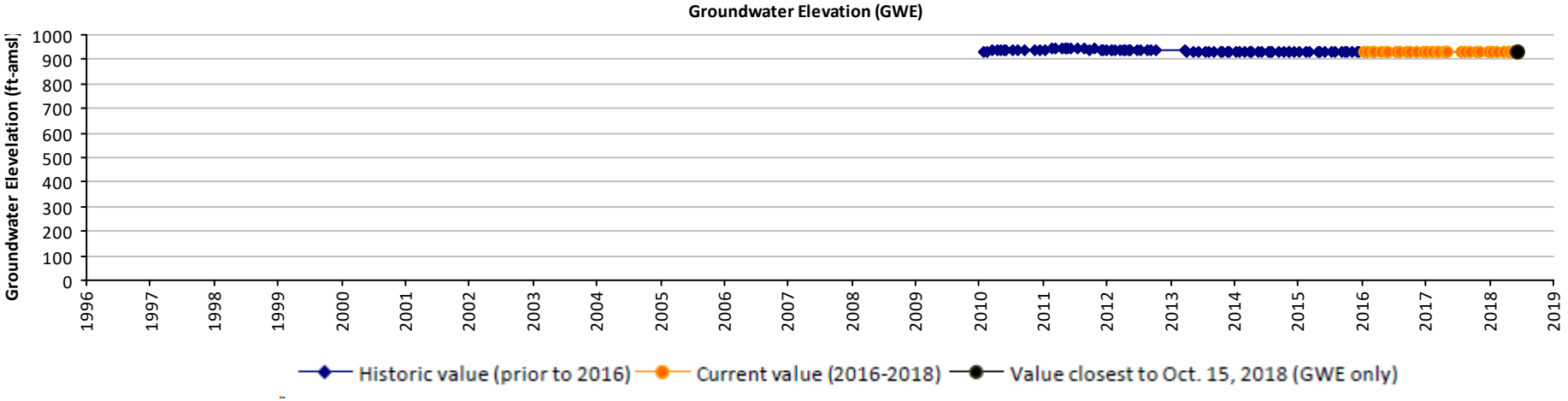

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

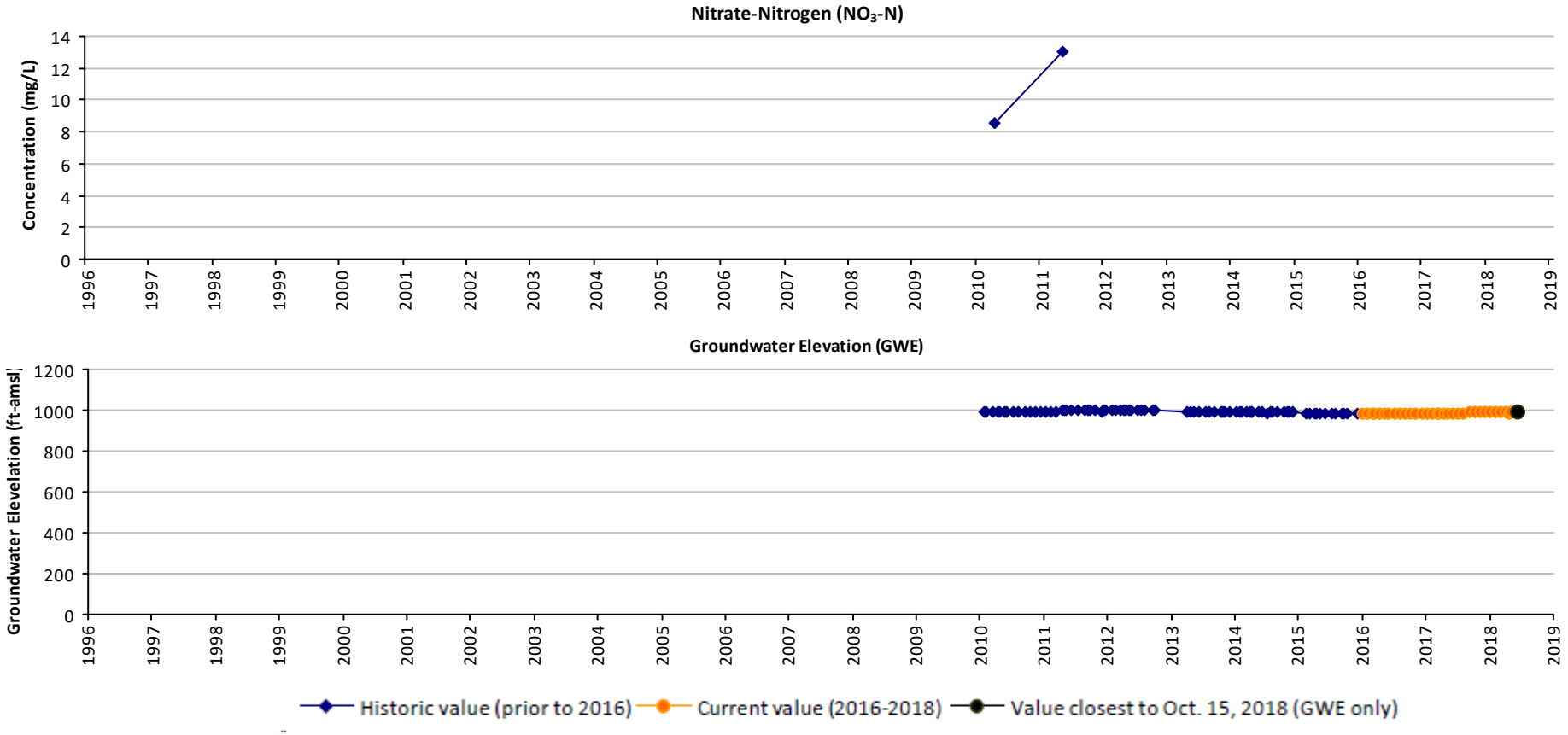



Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

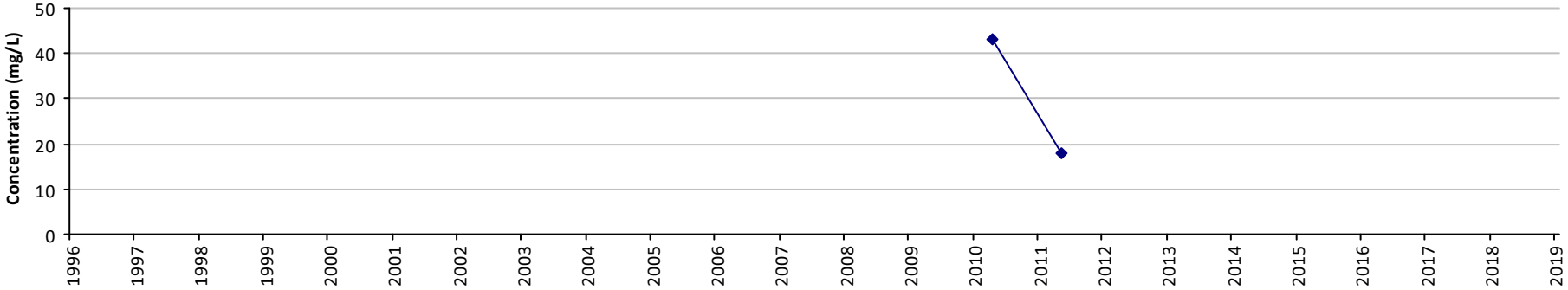

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

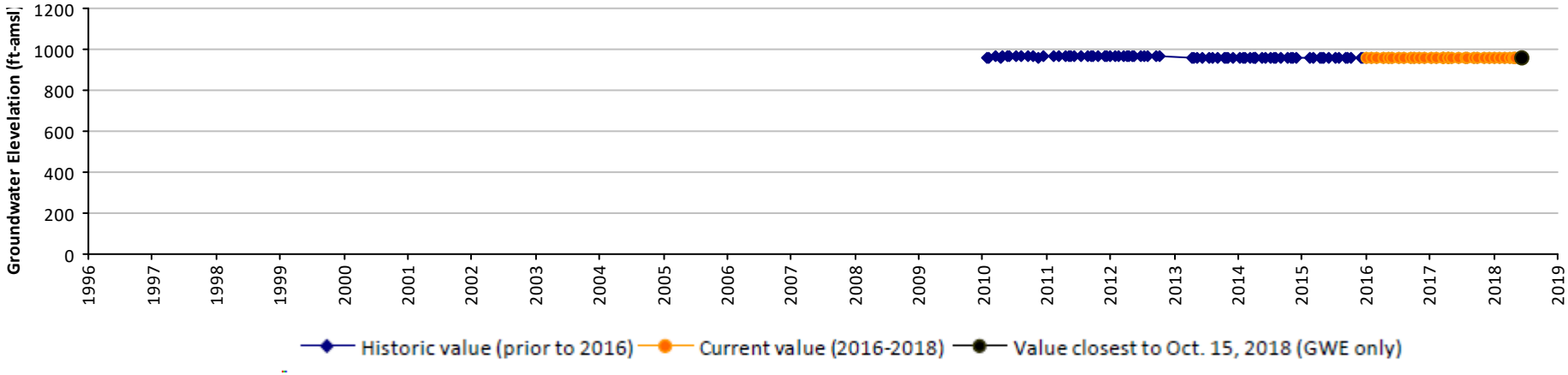


Total Dissolved Solids (TDS)

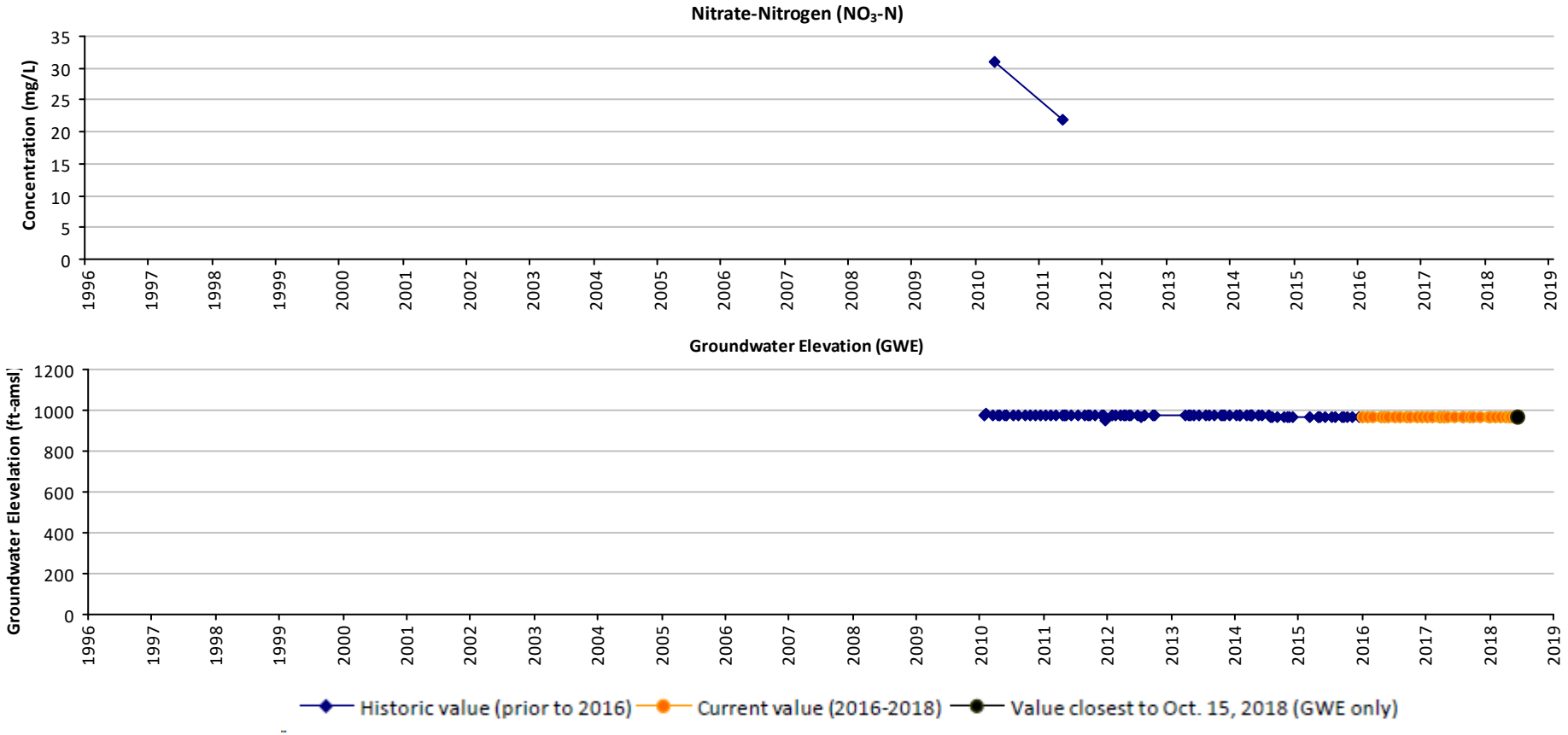
Nitrate-Nitrogen (NO_3-N)



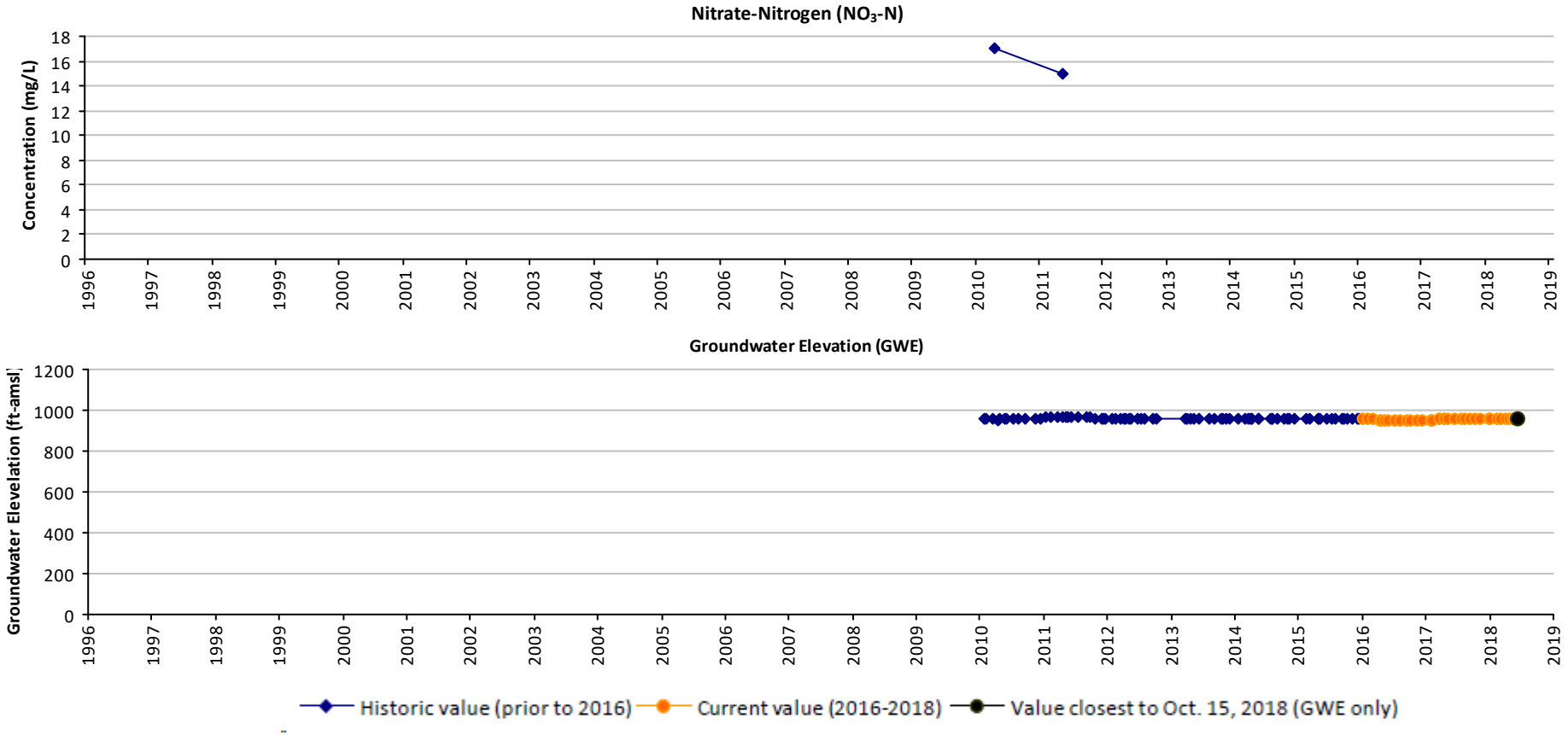
Groundwater Elevation (GWE)

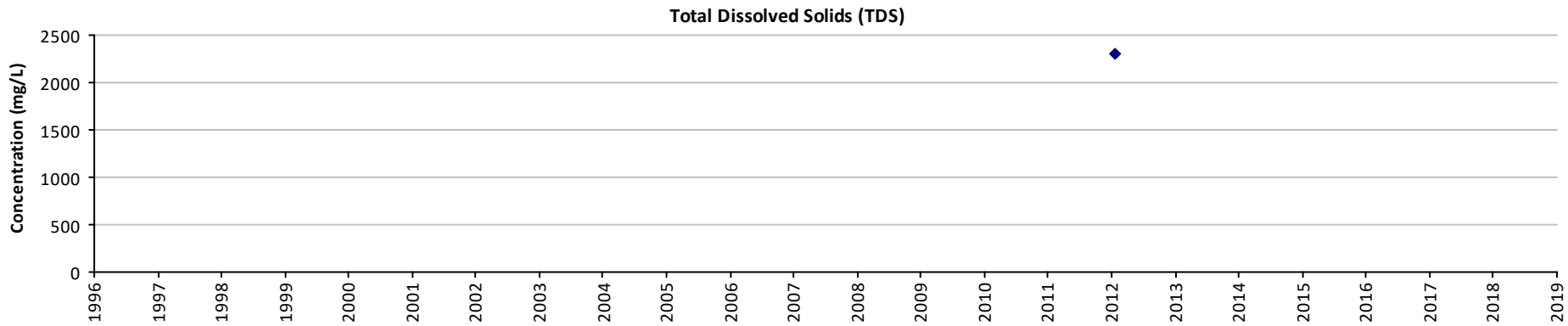


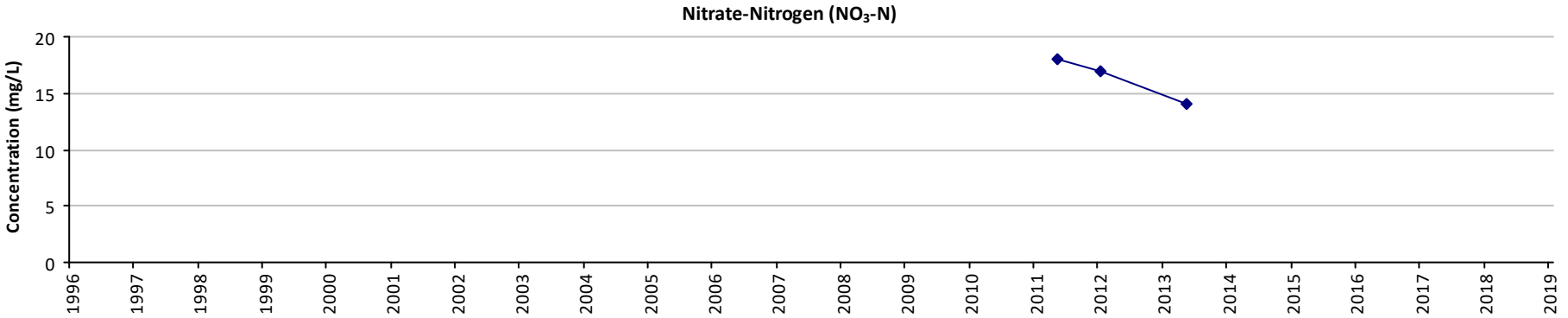
Total Dissolved Solids (TDS)

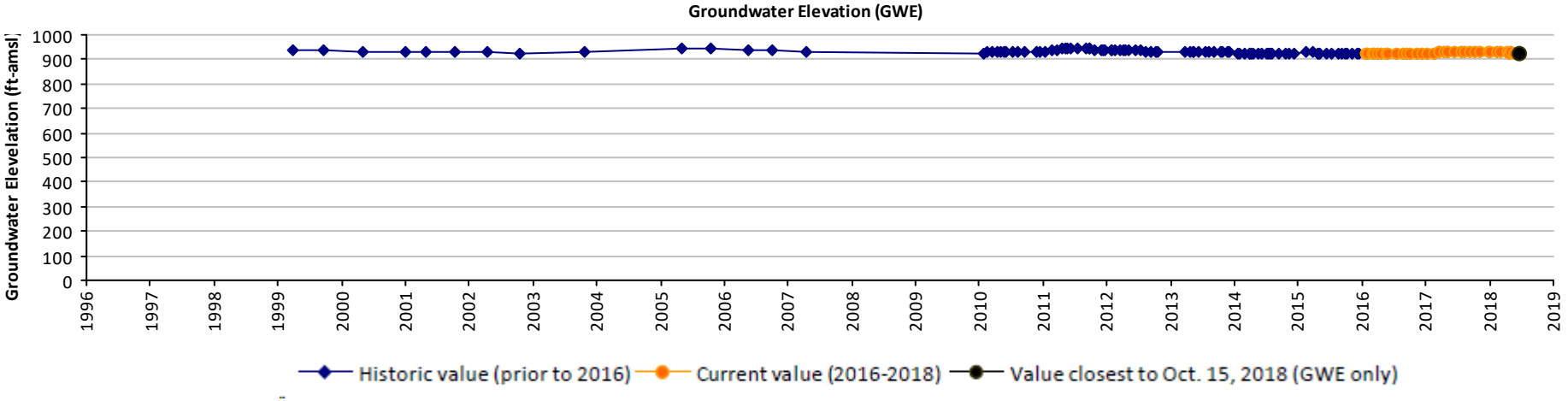


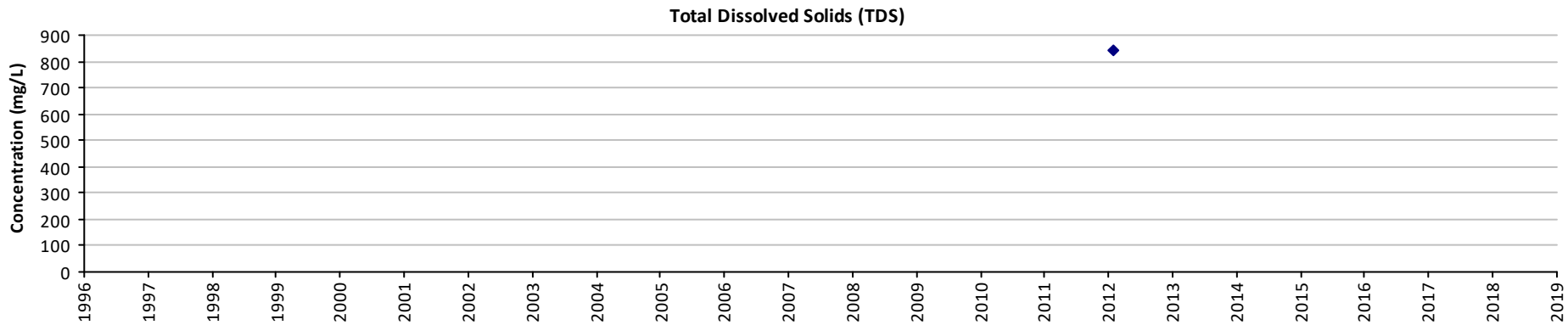
Total Dissolved Solids (TDS)

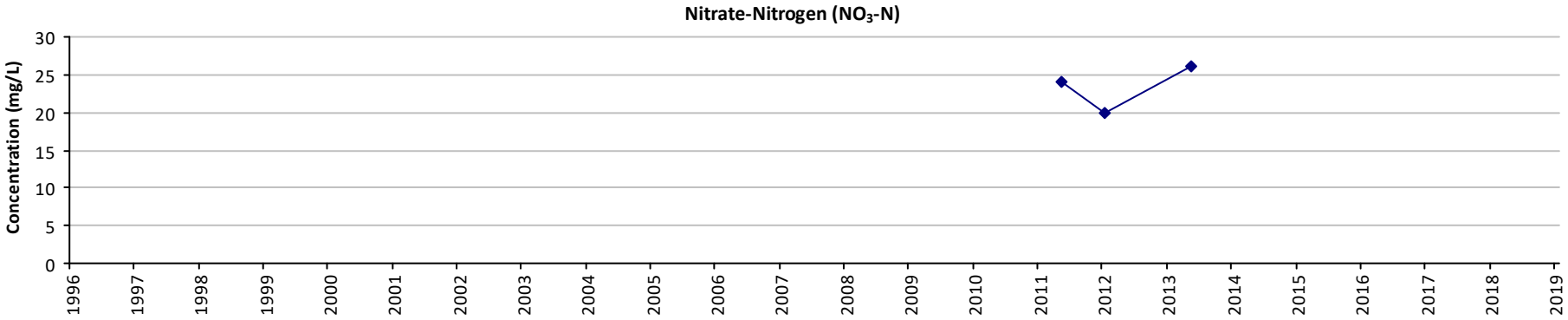


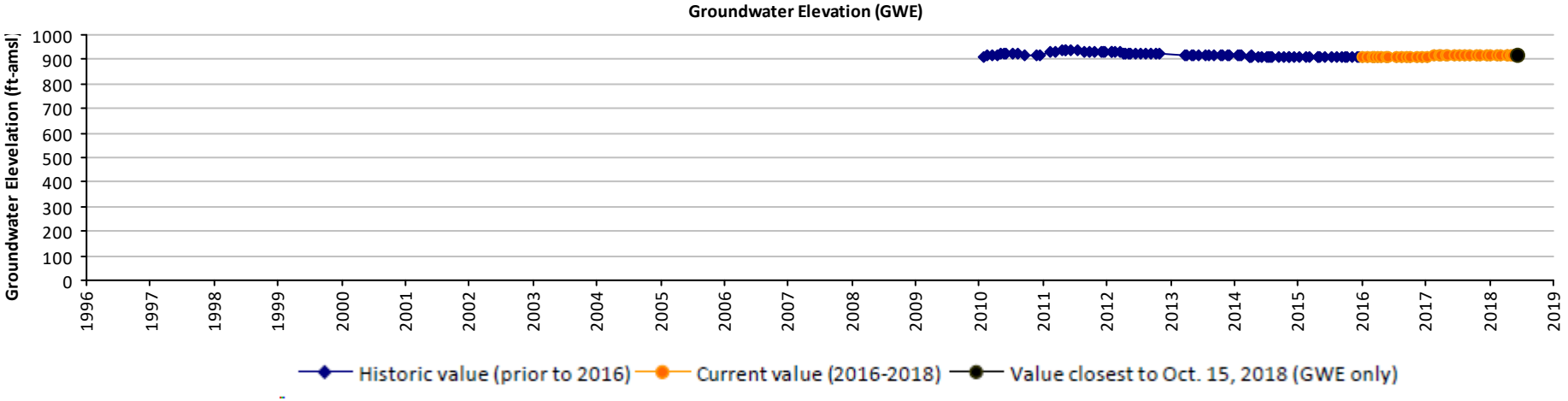

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

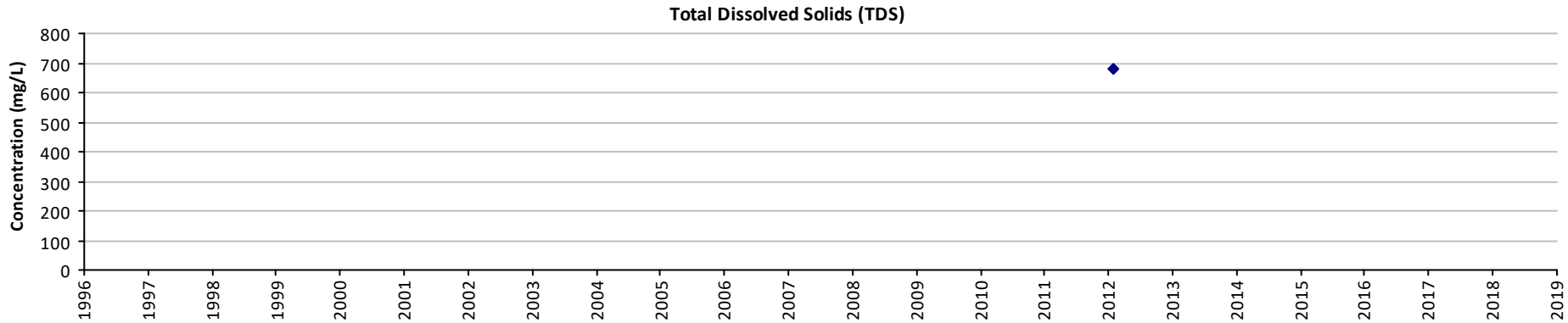

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

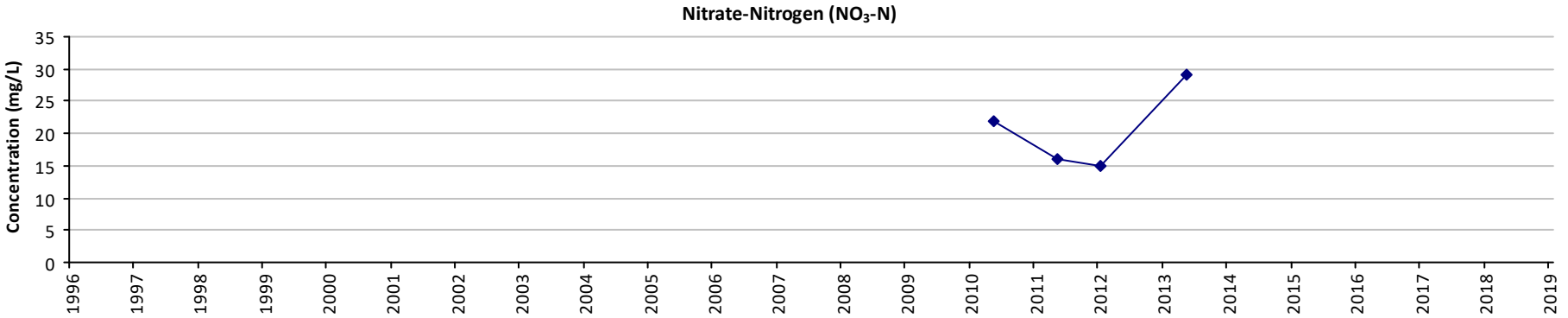

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

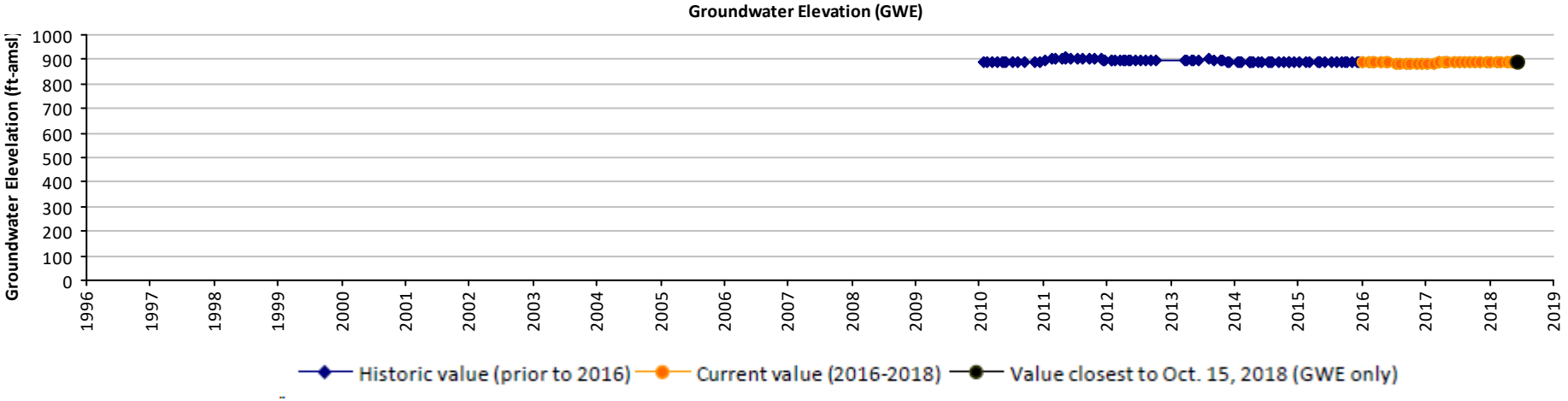

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

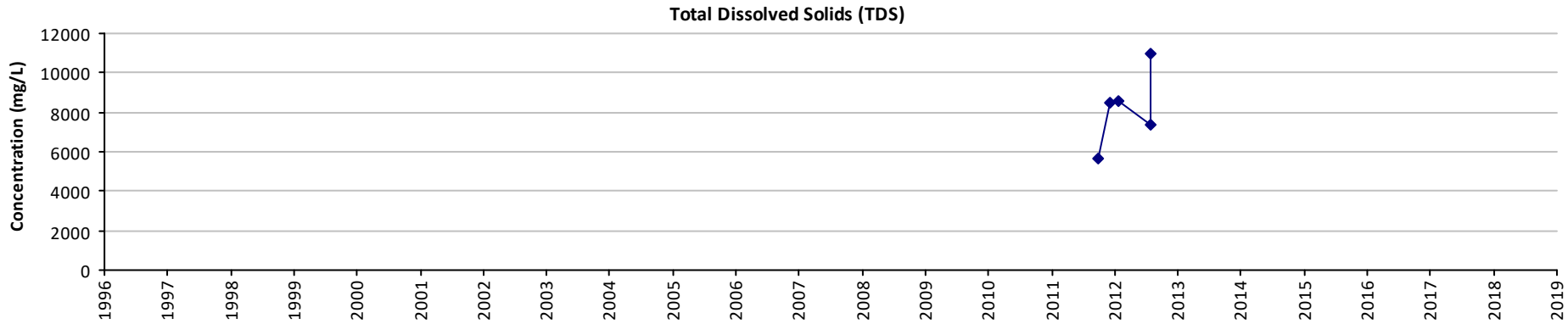

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

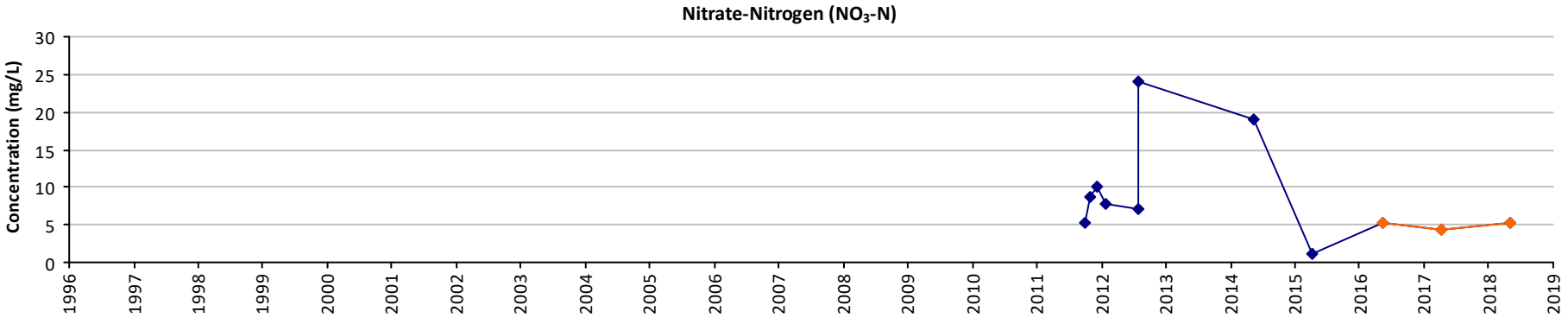

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

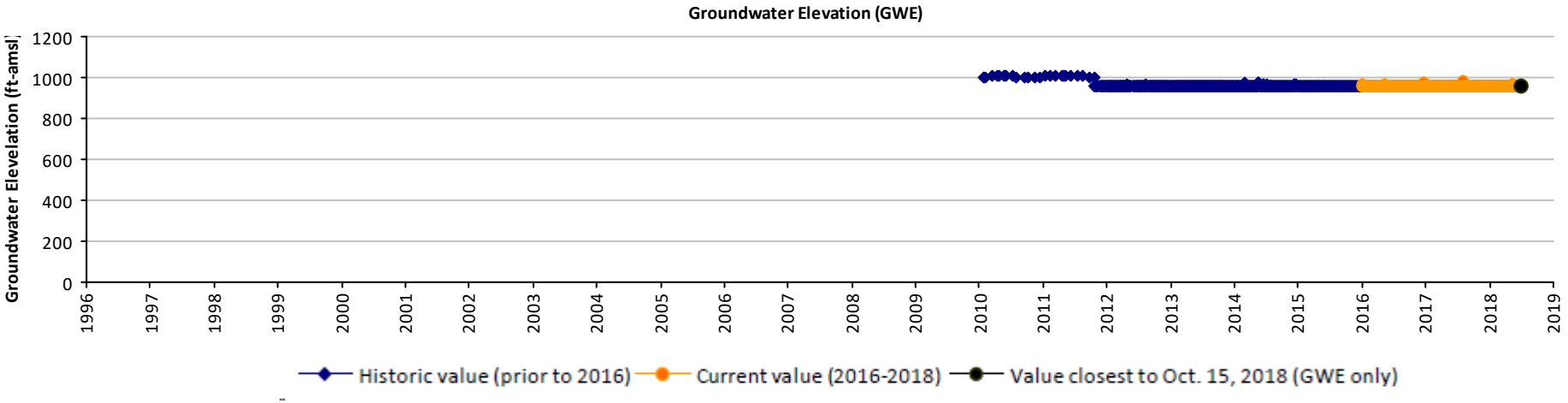

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

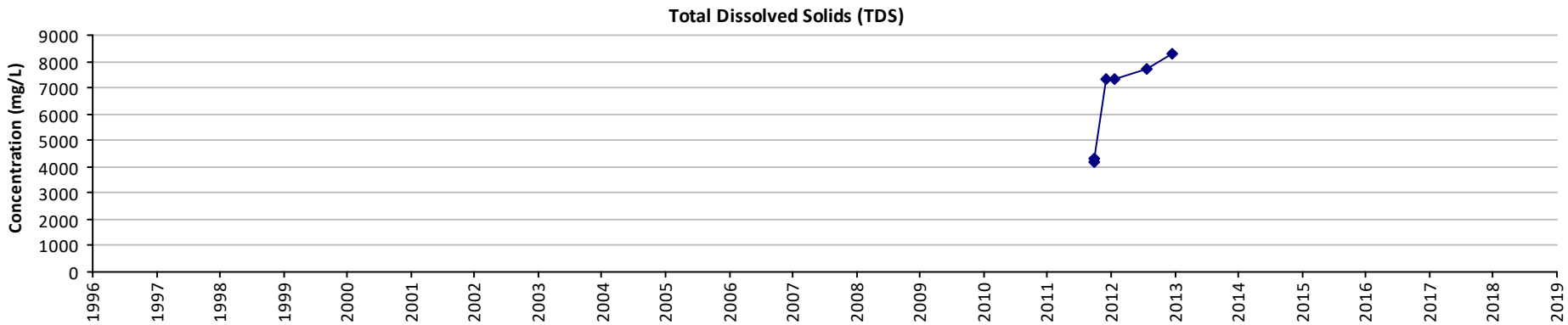

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

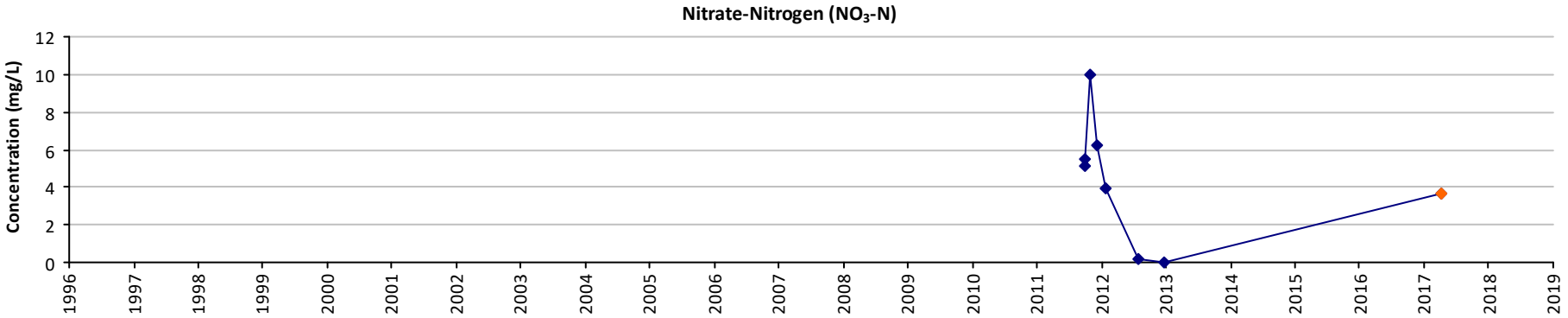

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

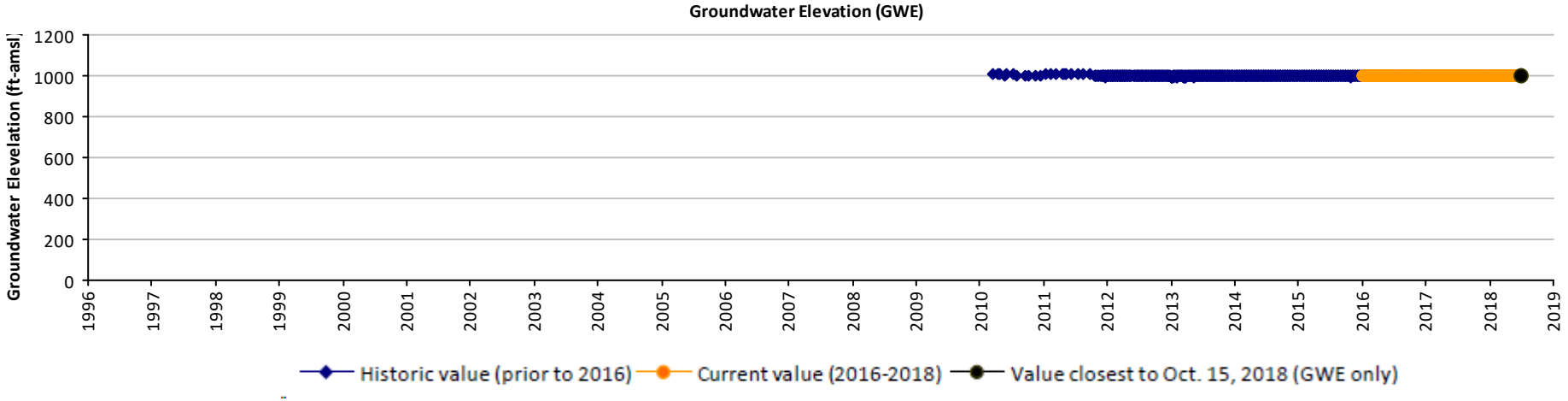

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
2000
4000
6000
8000
10000
12000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

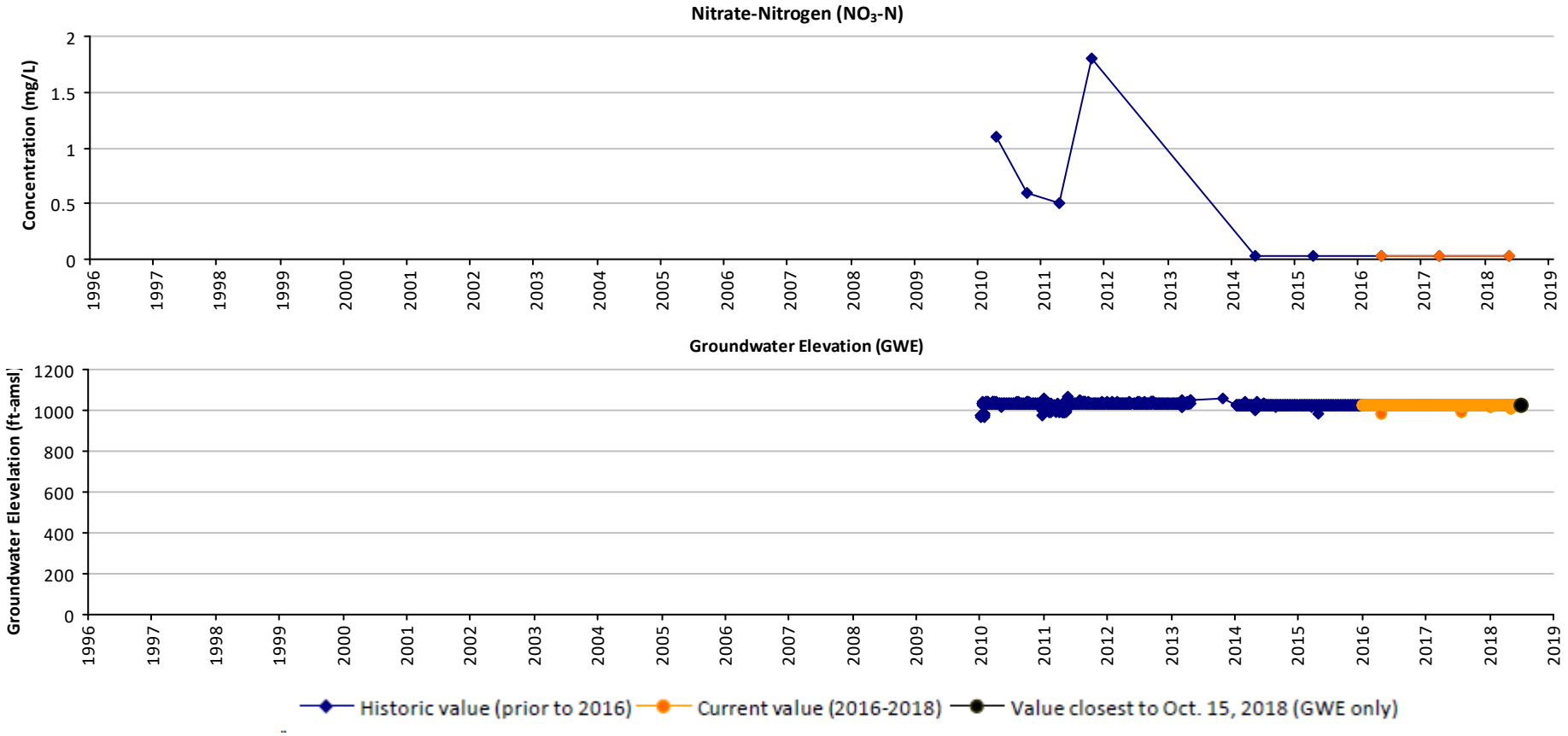

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

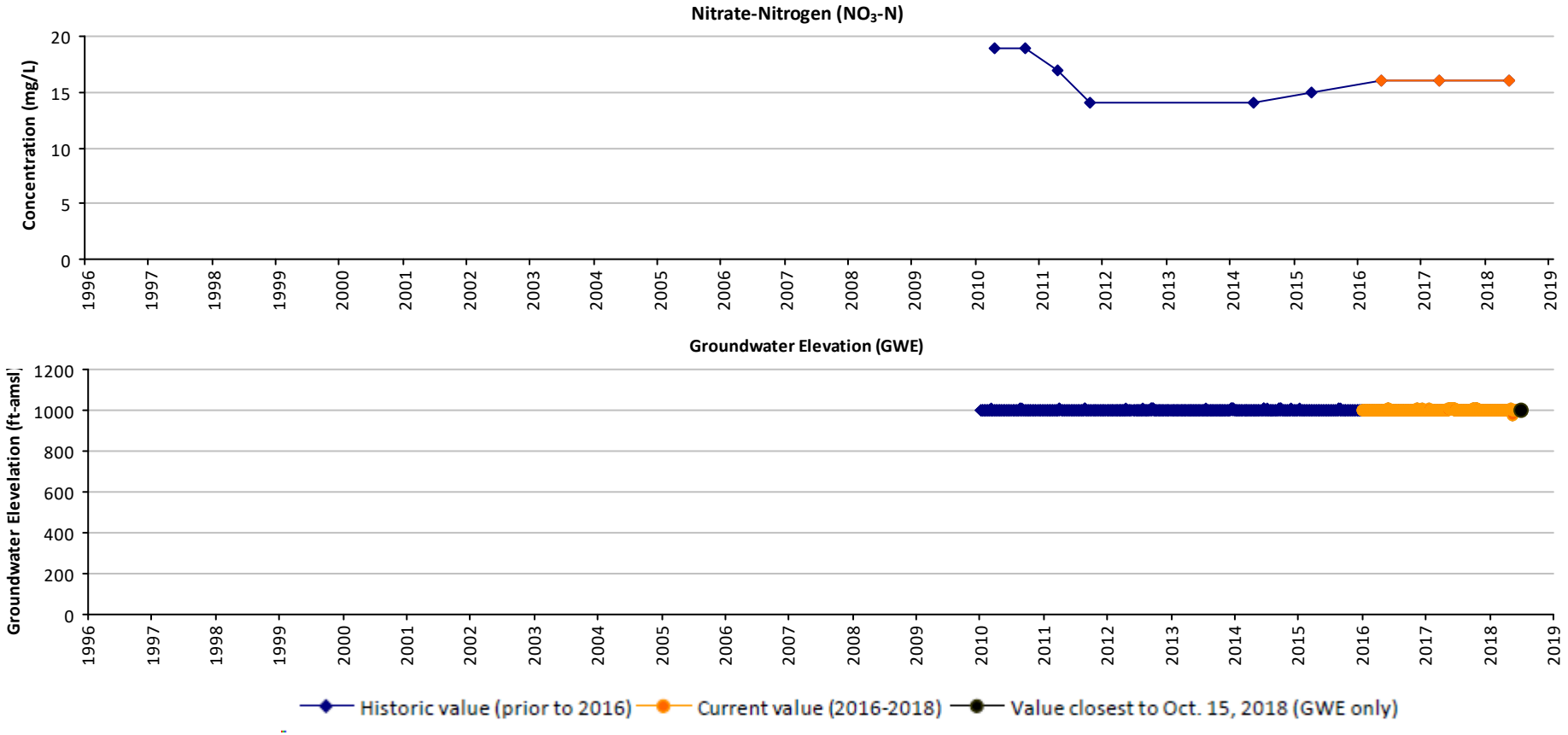

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

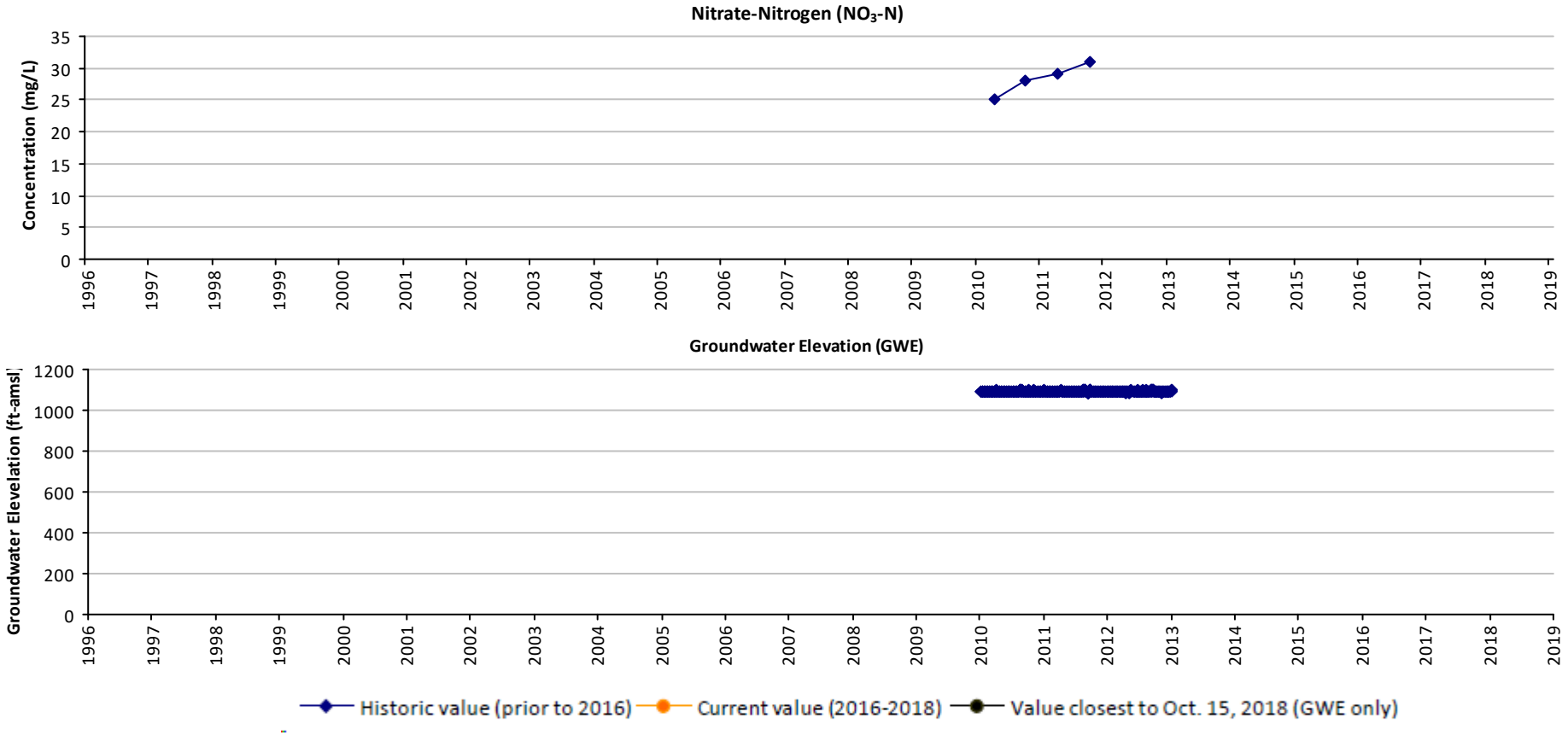
Total Dissolved Solids (TDS)



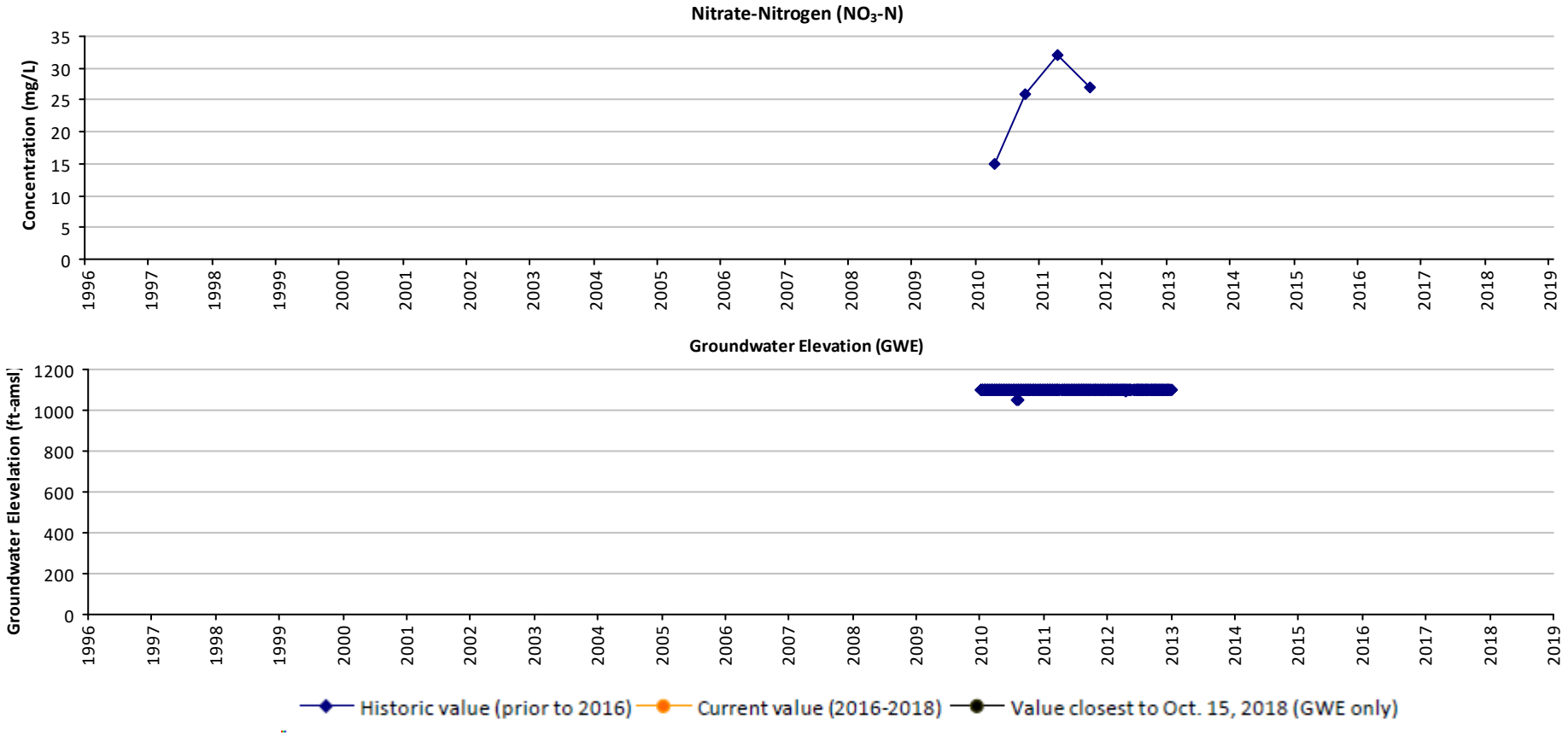
Total Dissolved Solids (TDS)



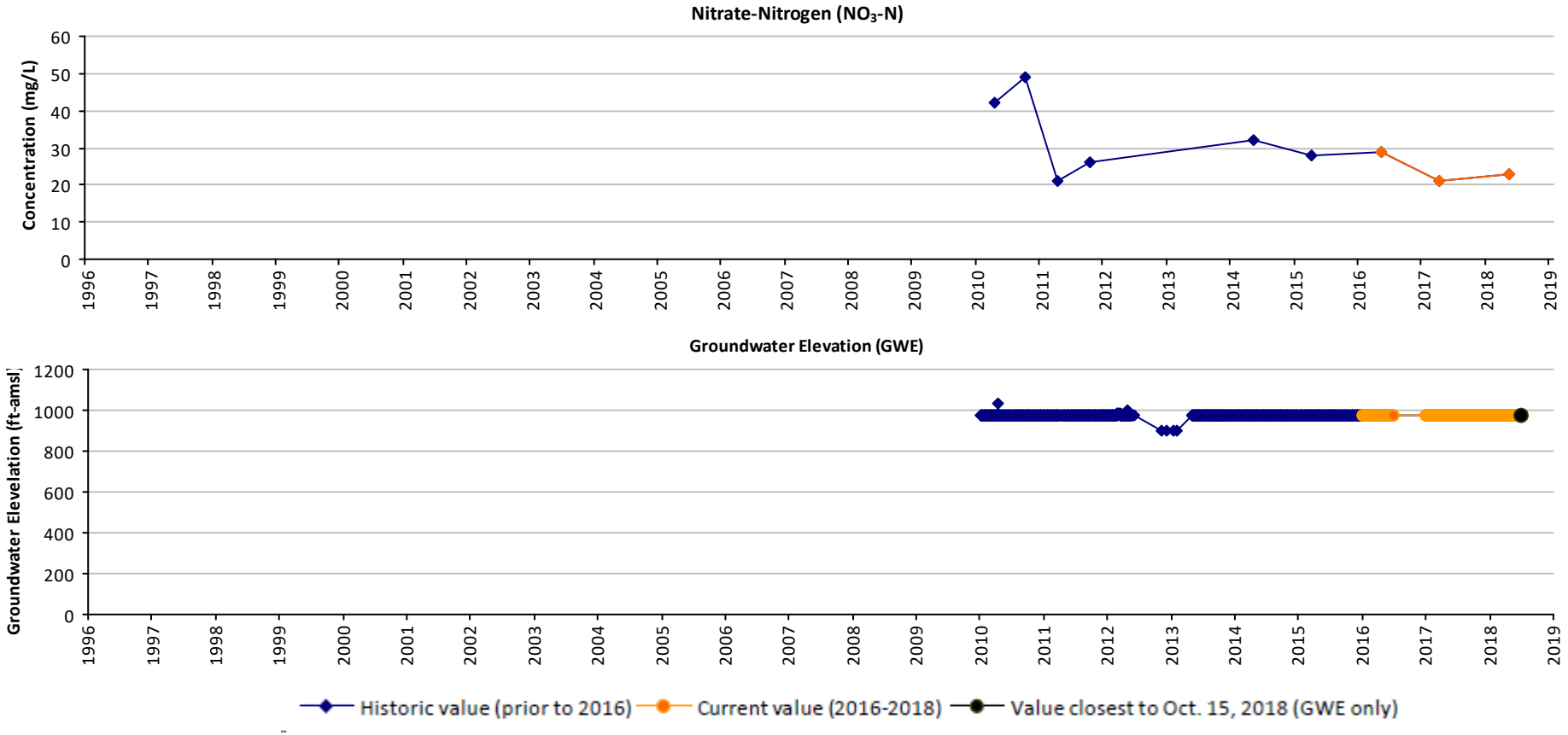
Total Dissolved Solids (TDS)



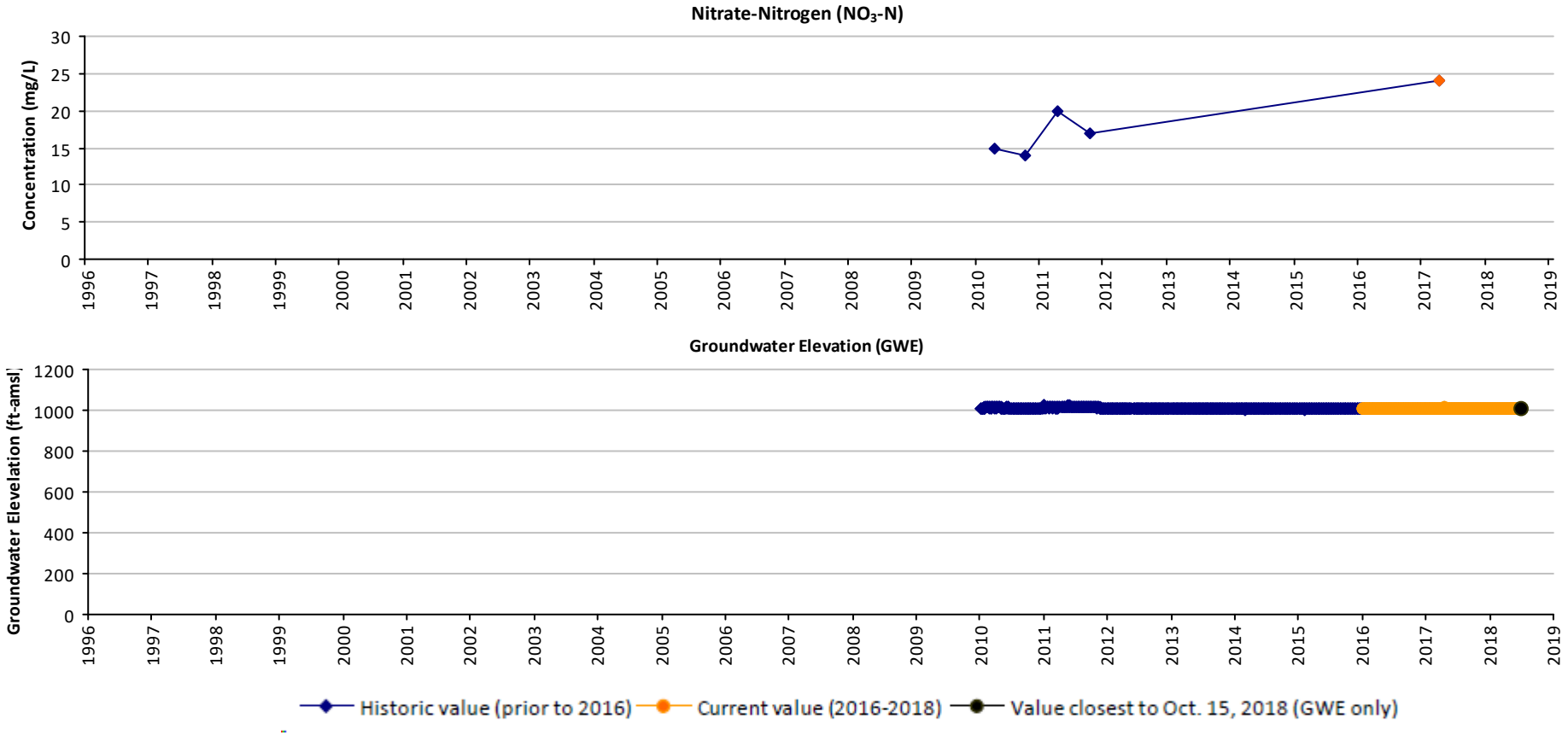
Total Dissolved Solids (TDS)



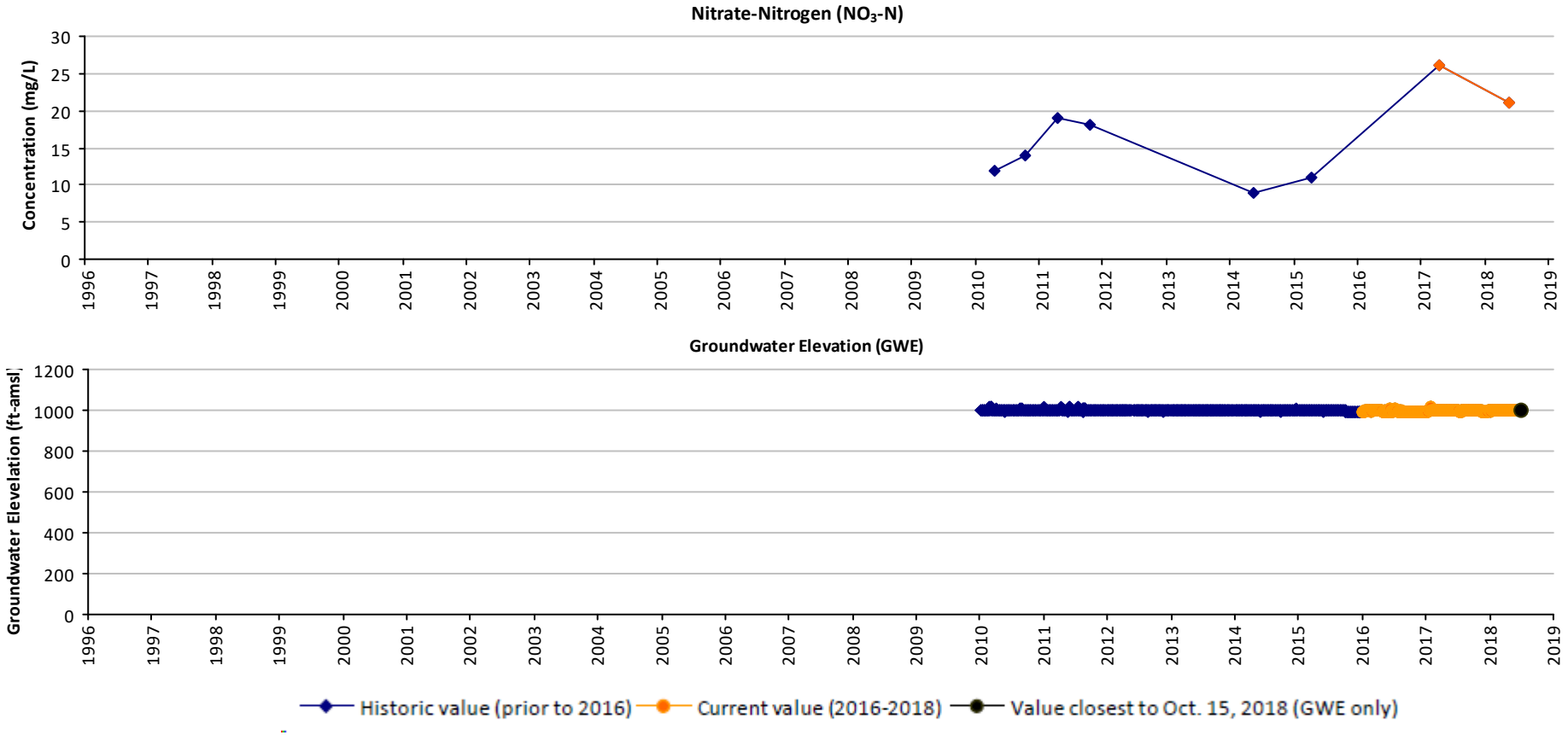
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

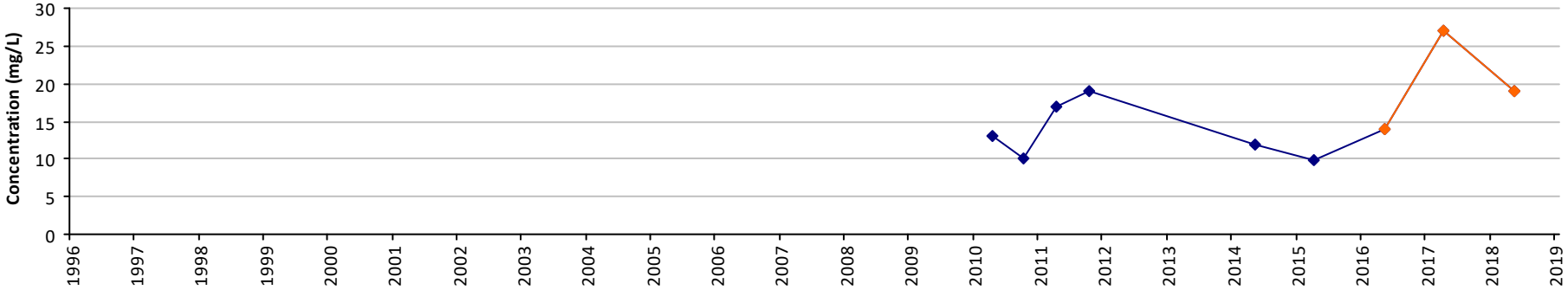


Total Dissolved Solids (TDS)

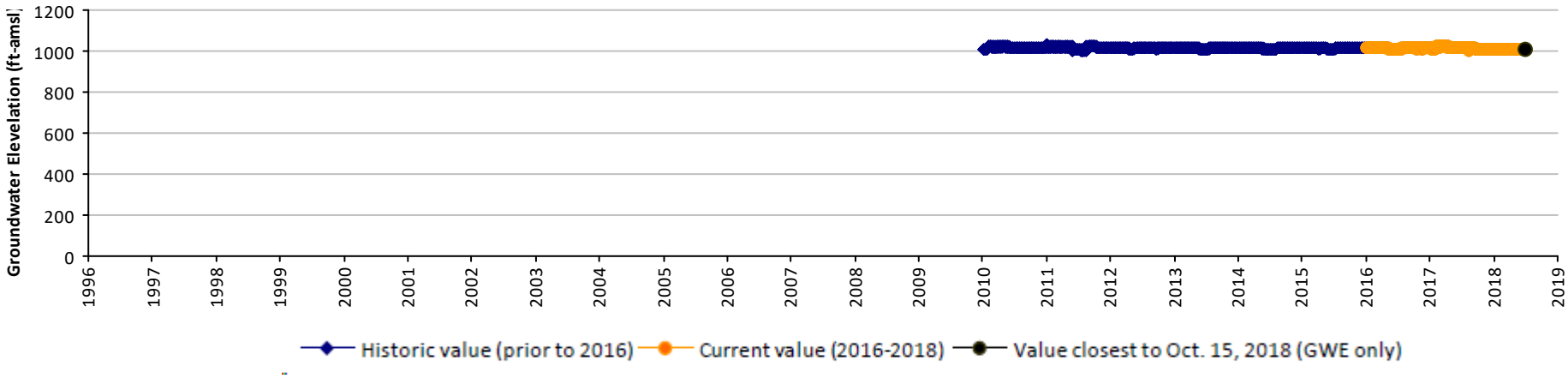


Total Dissolved Solids (TDS)

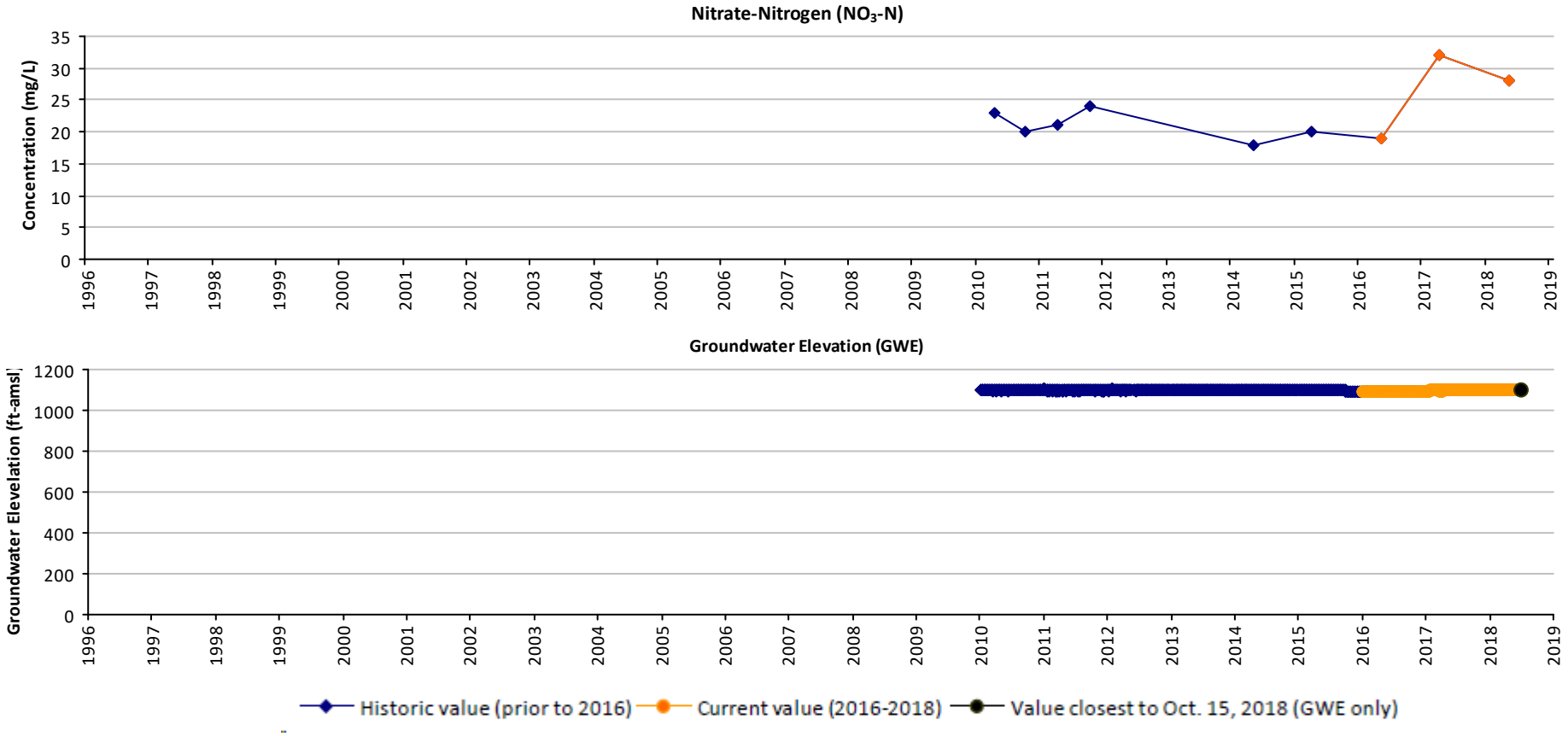
Nitrate-Nitrogen (NO_3-N)



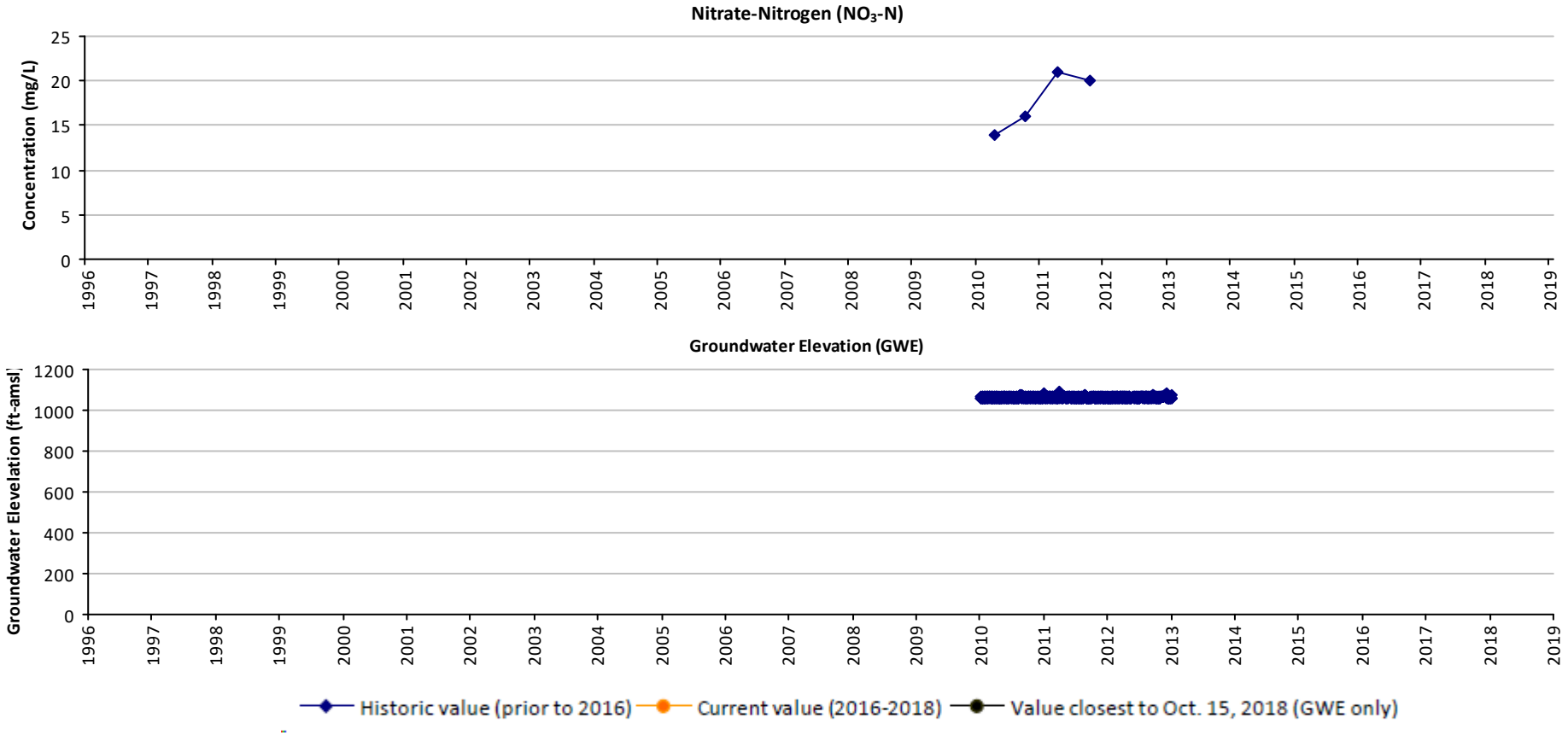
Groundwater Elevation (GWE)



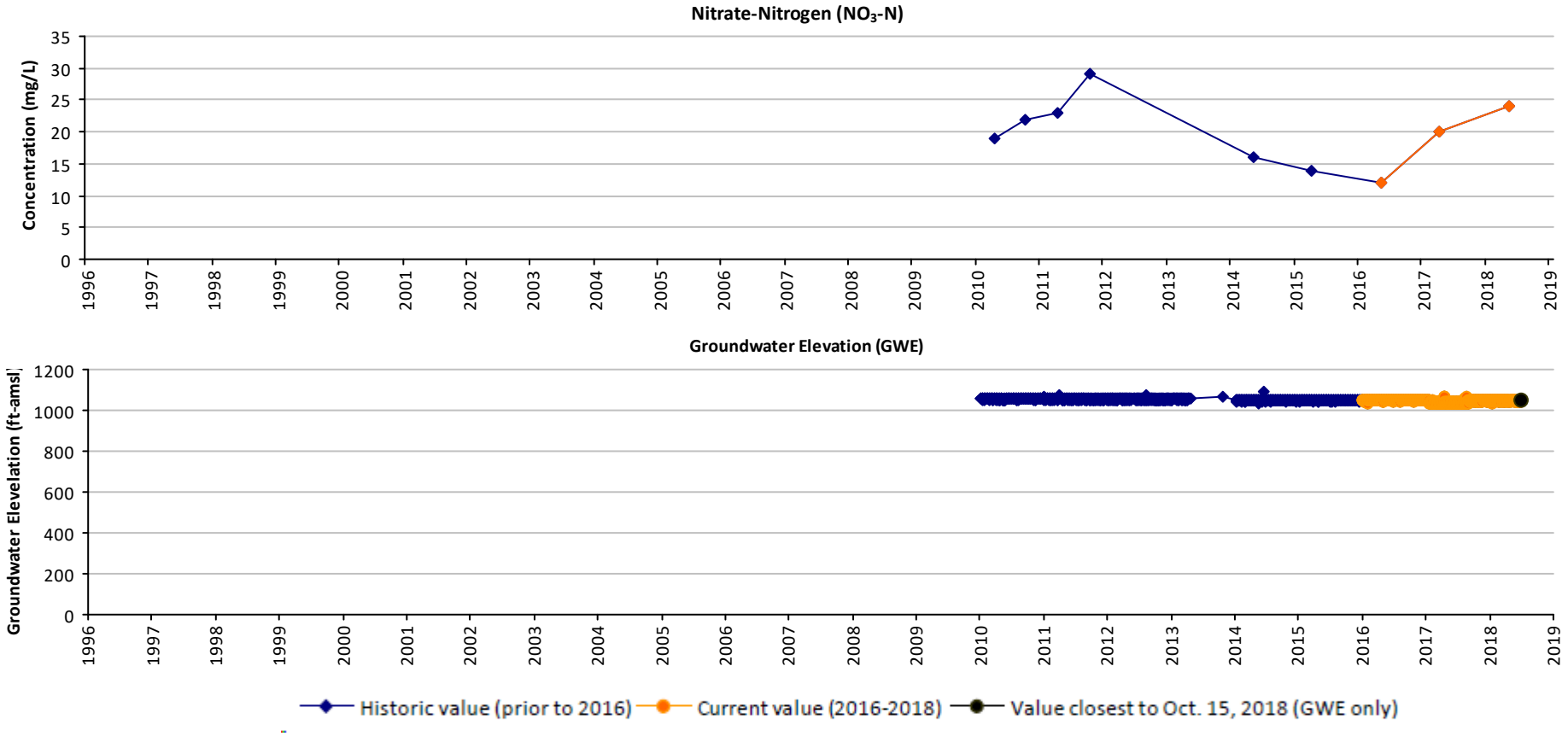
Total Dissolved Solids (TDS)



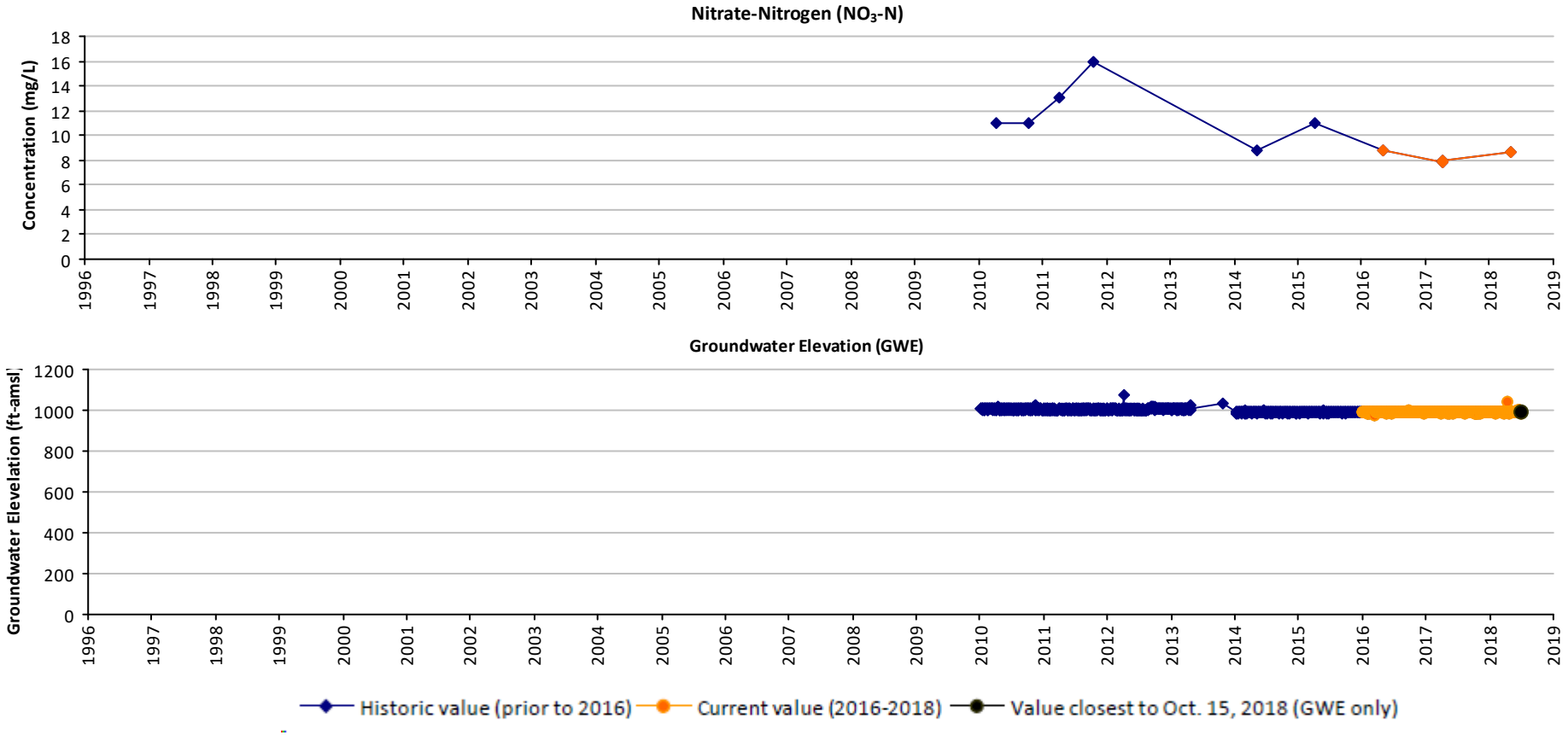
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



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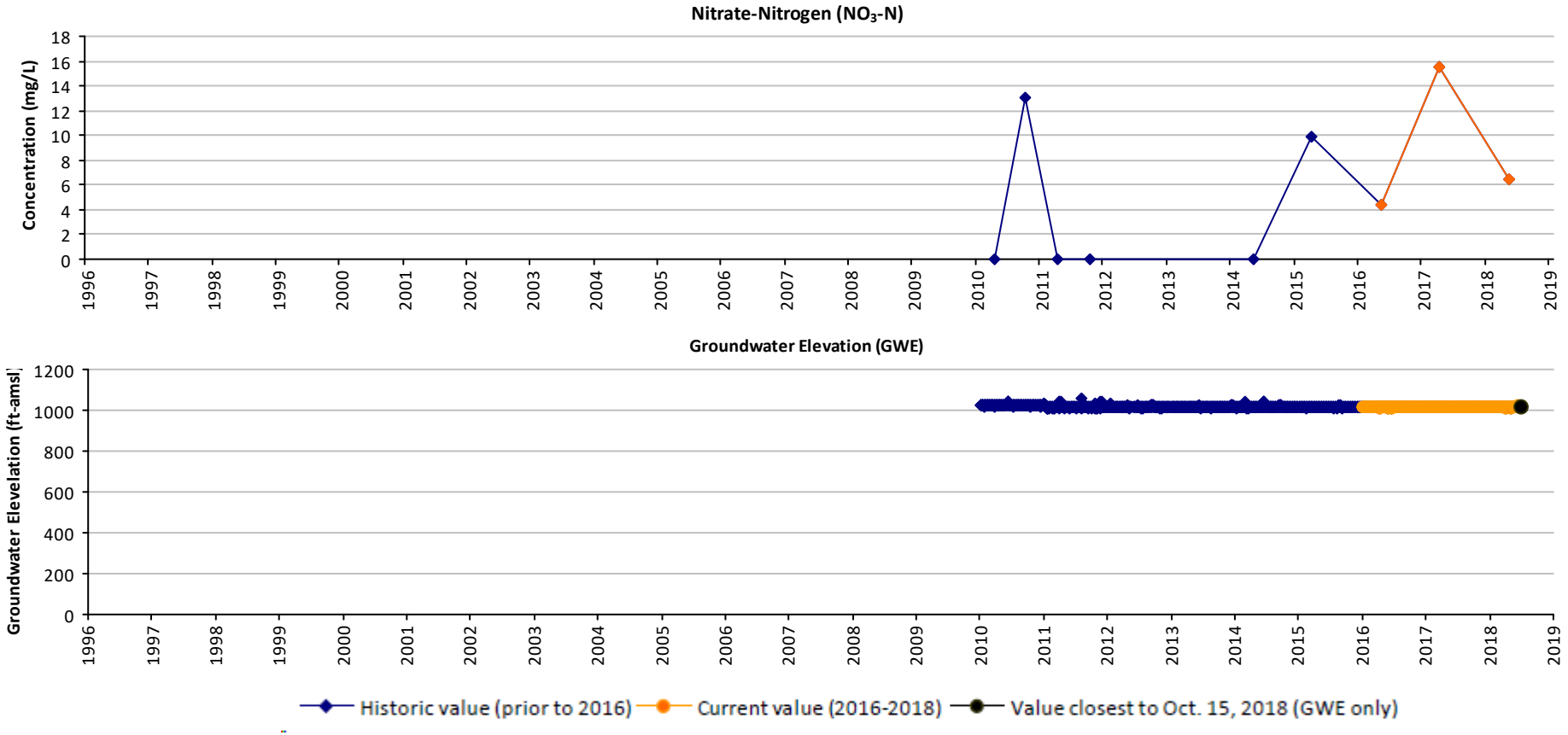

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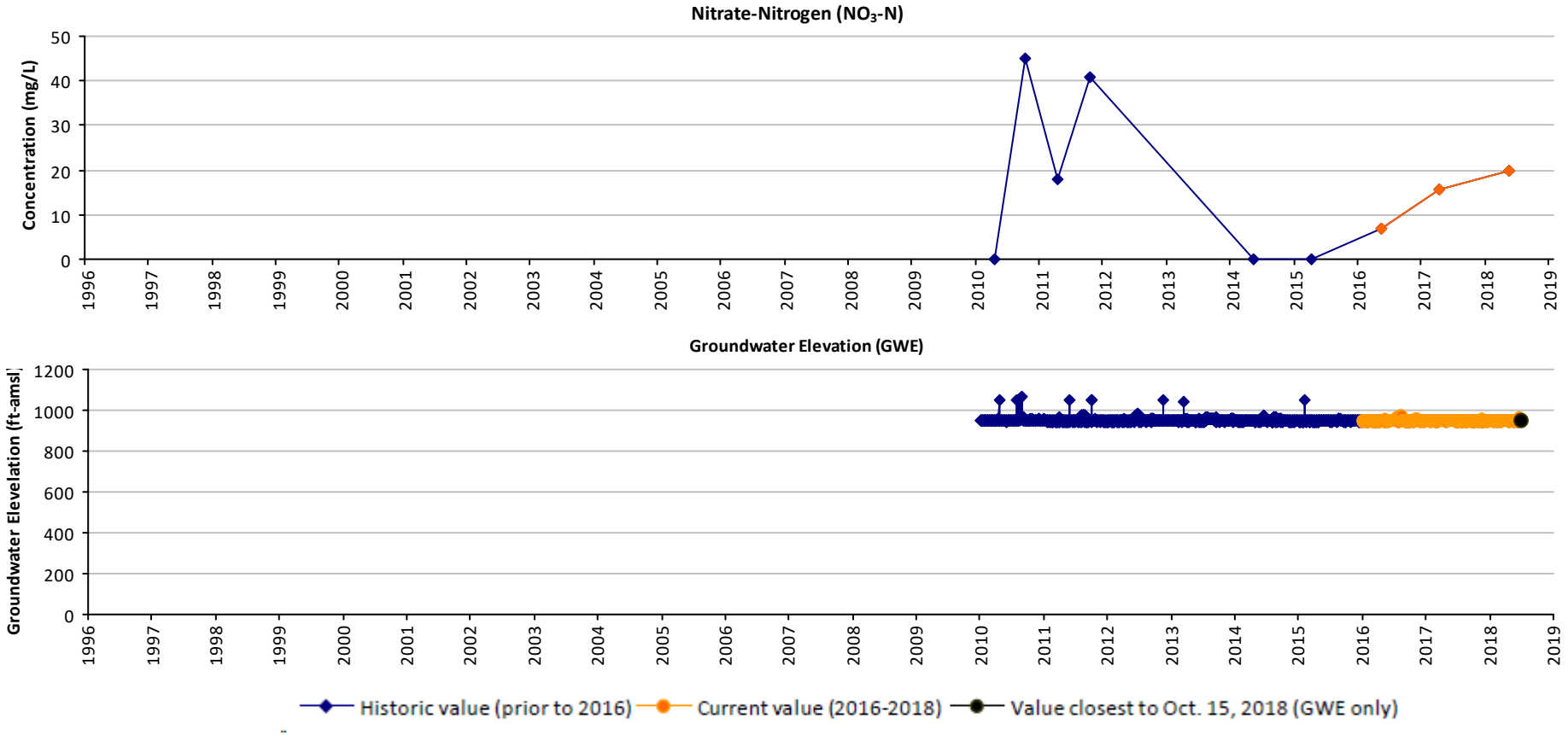

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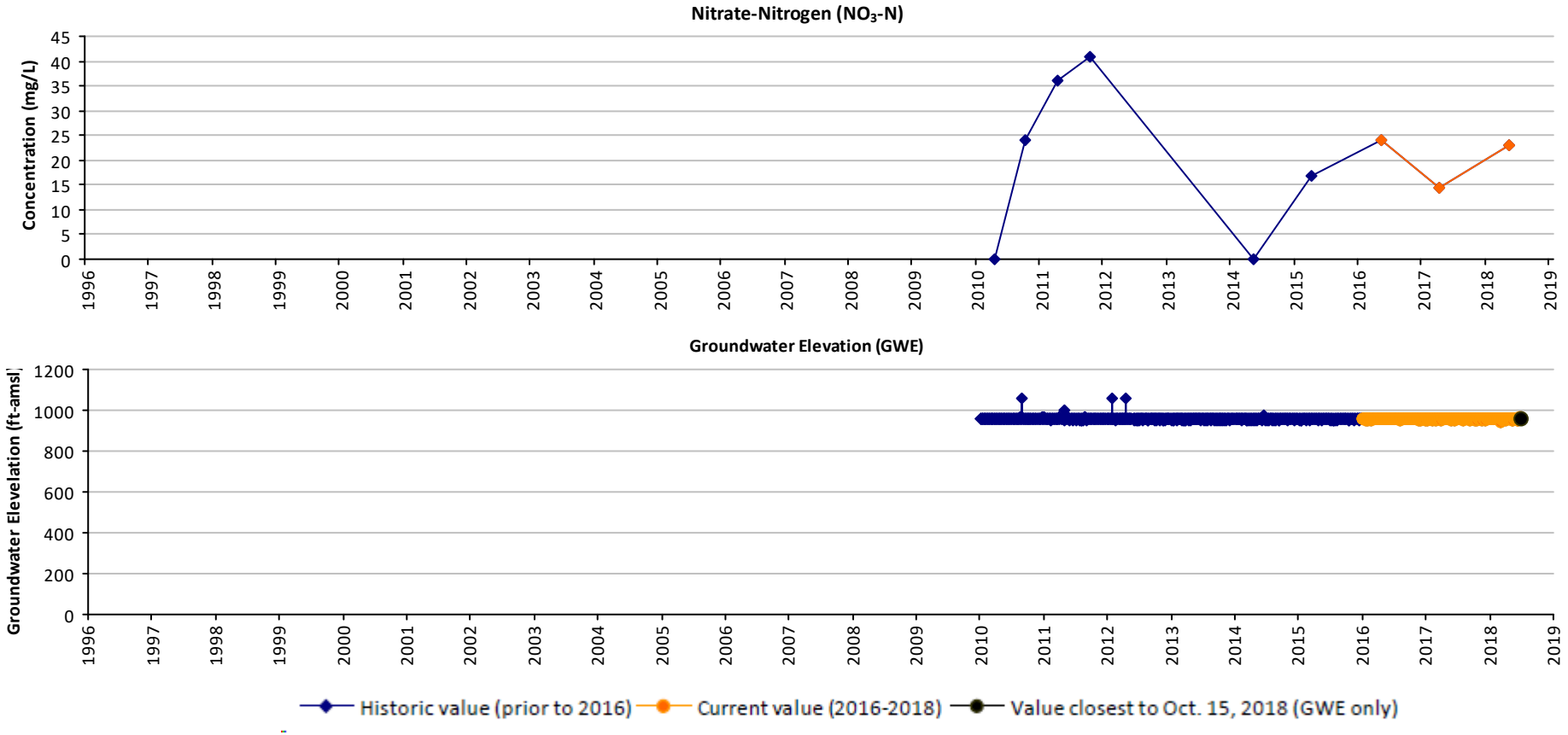

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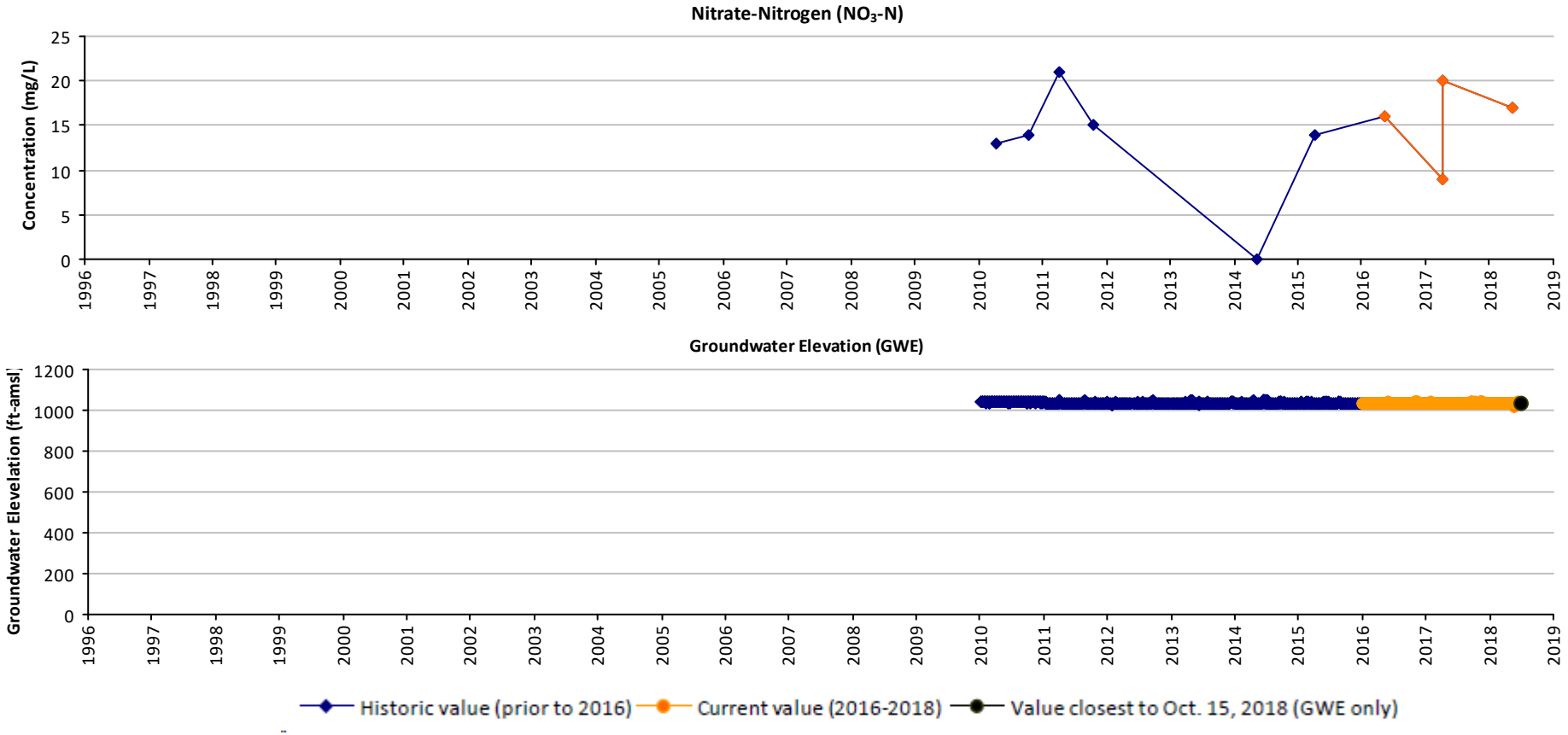

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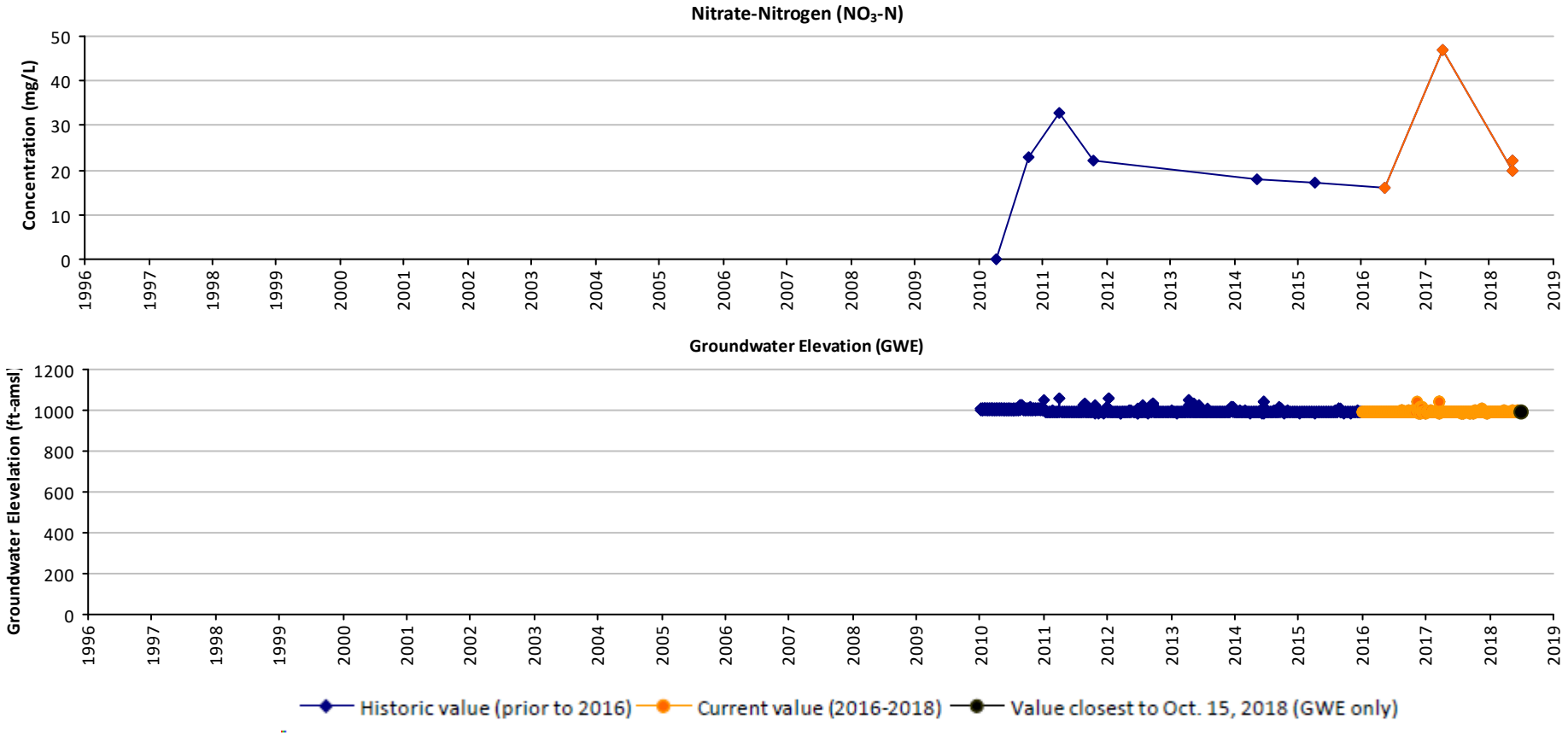

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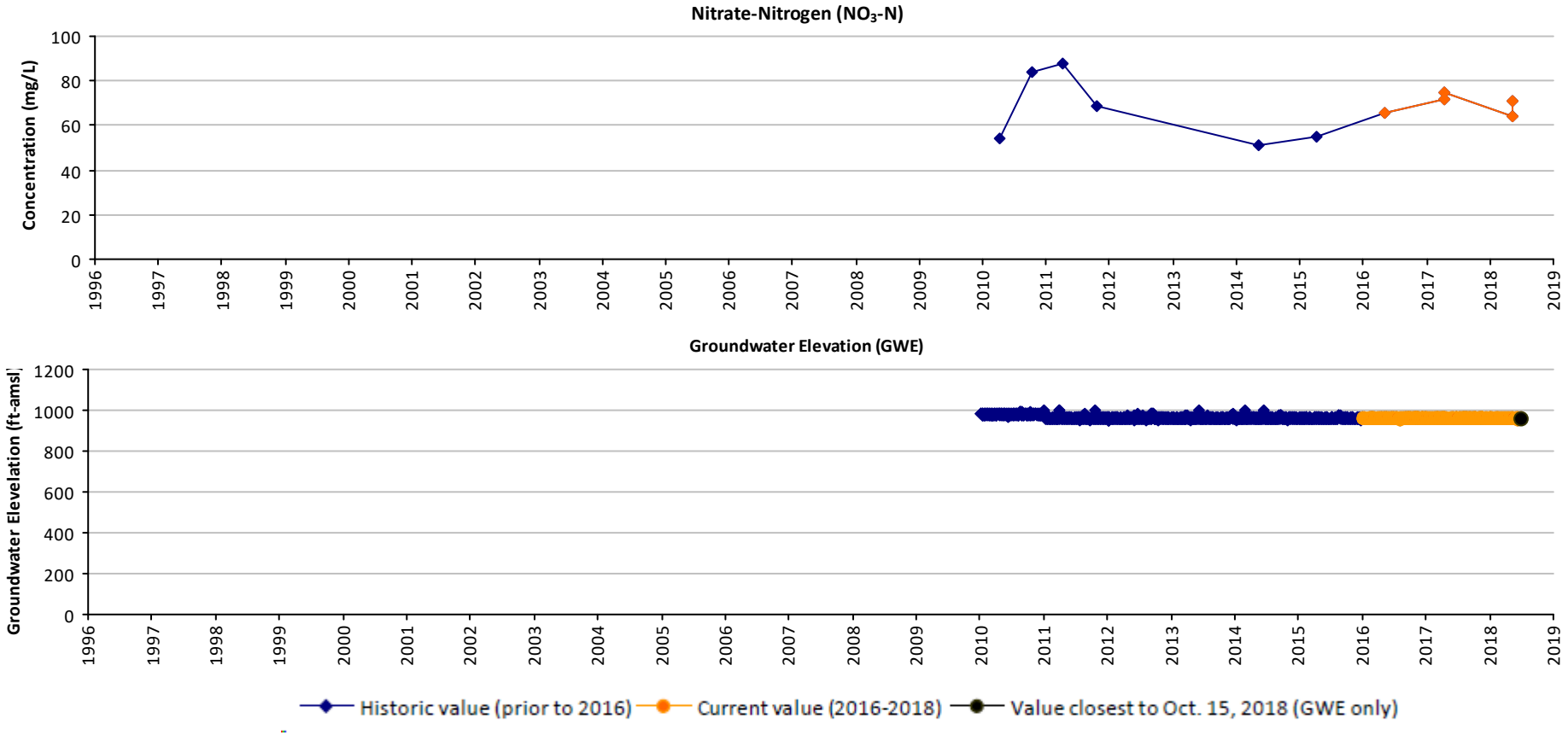
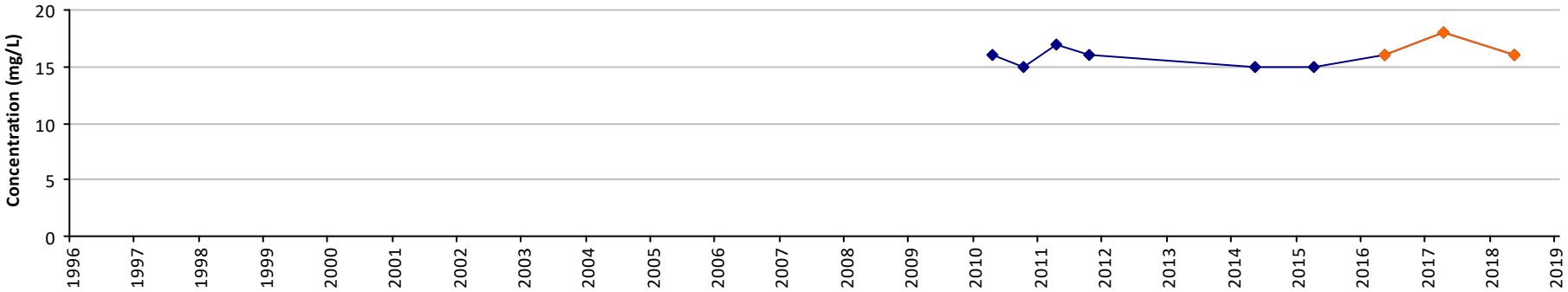
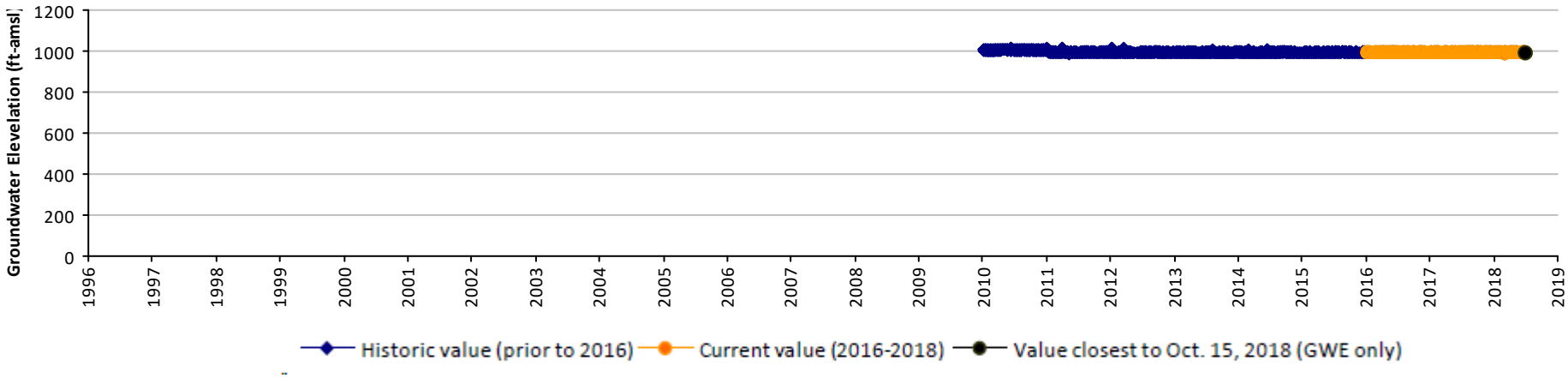


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



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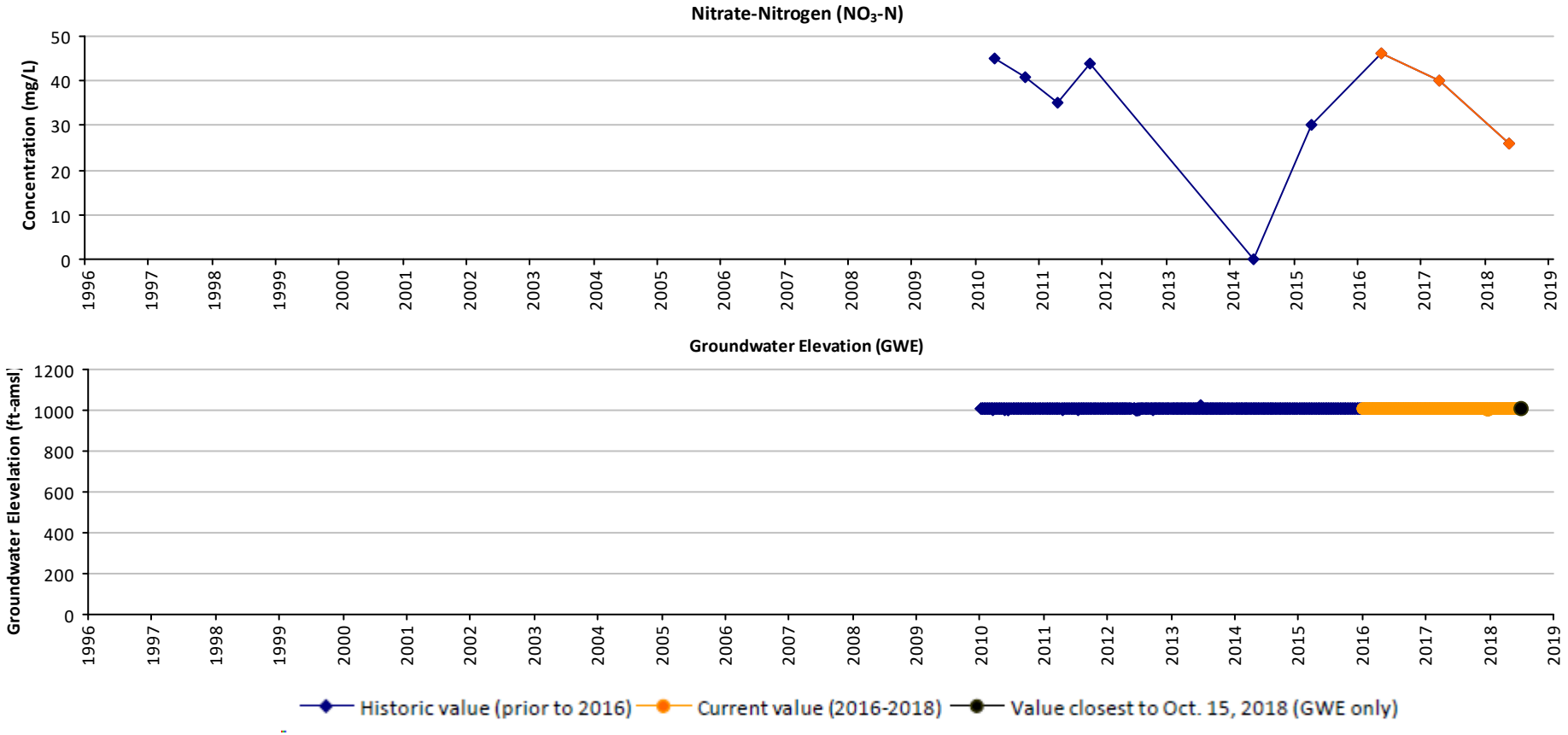

Total Dissolved Solids (TDS)

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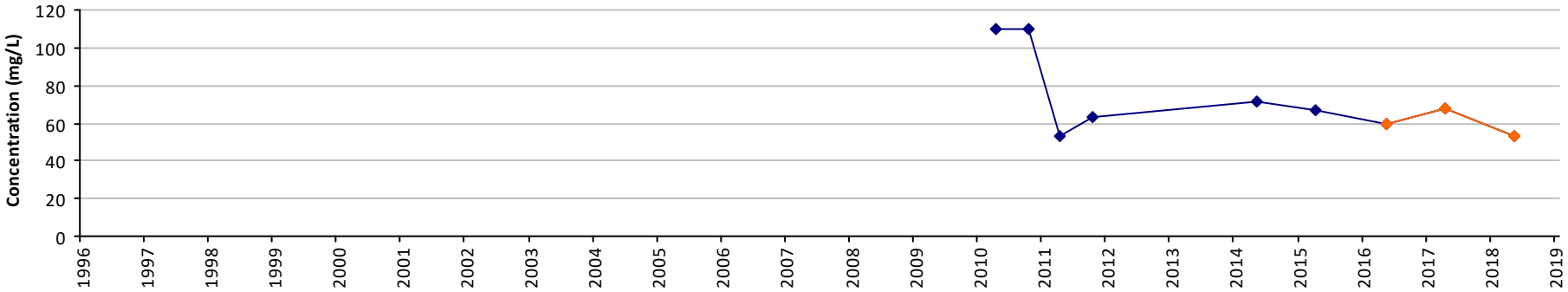

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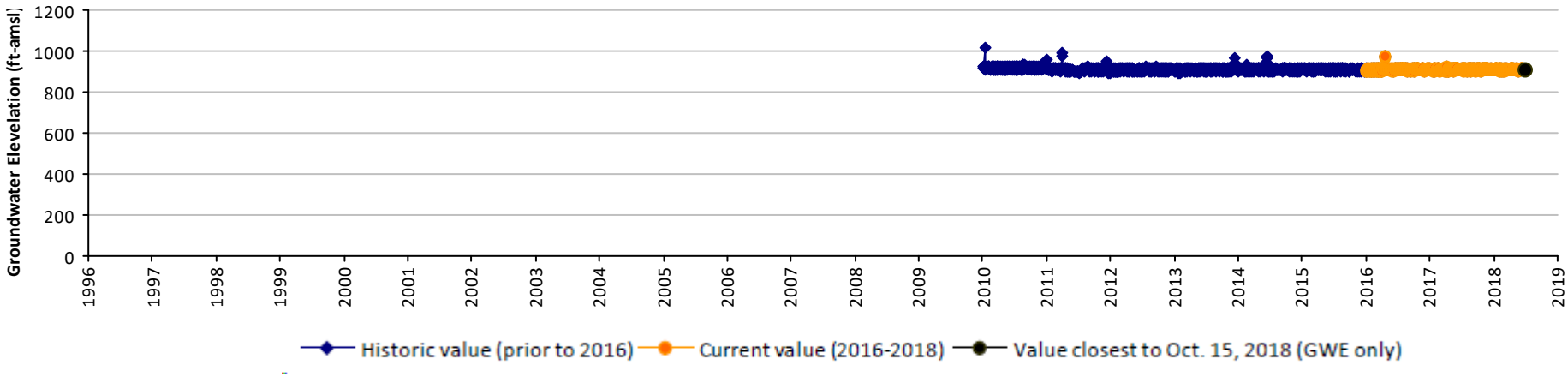

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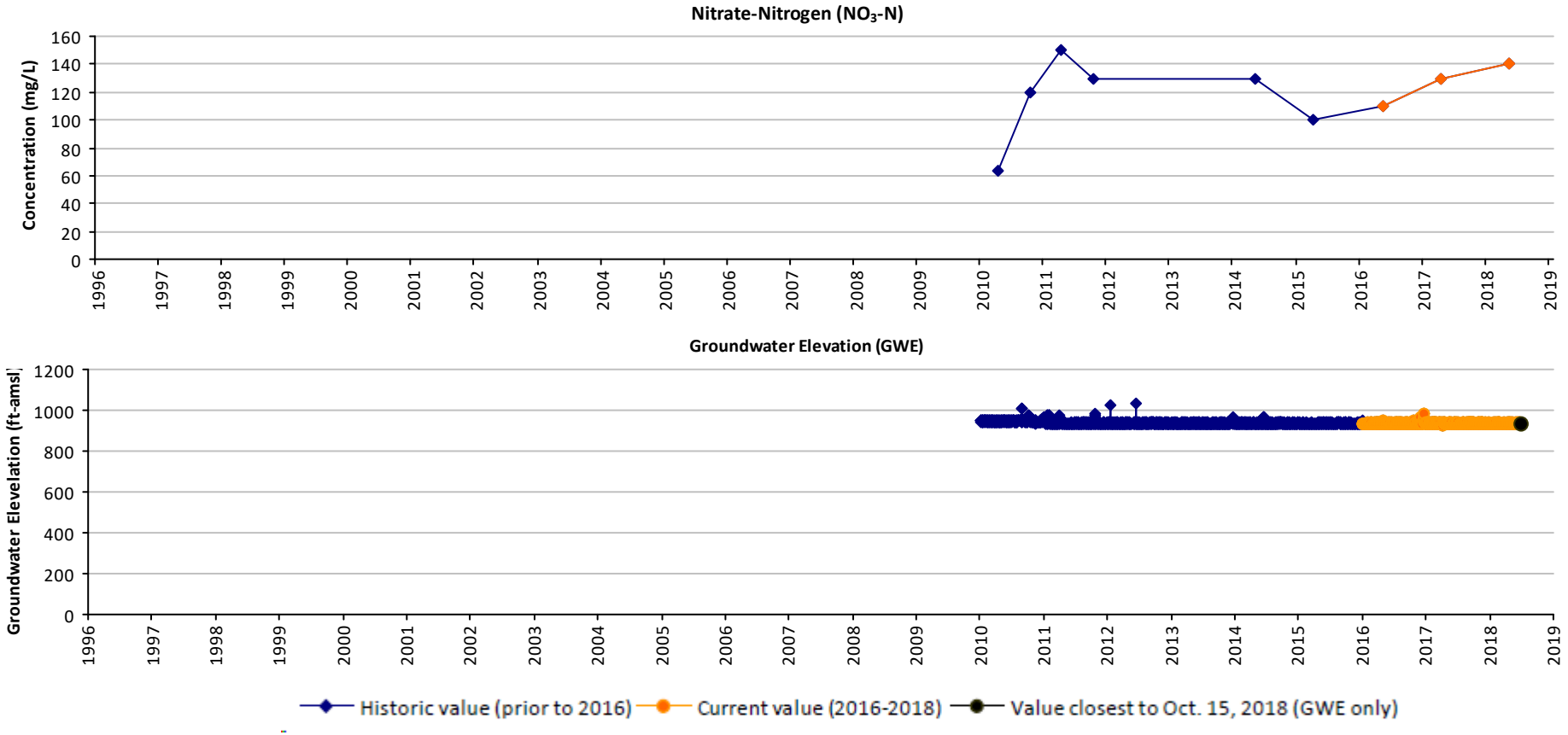

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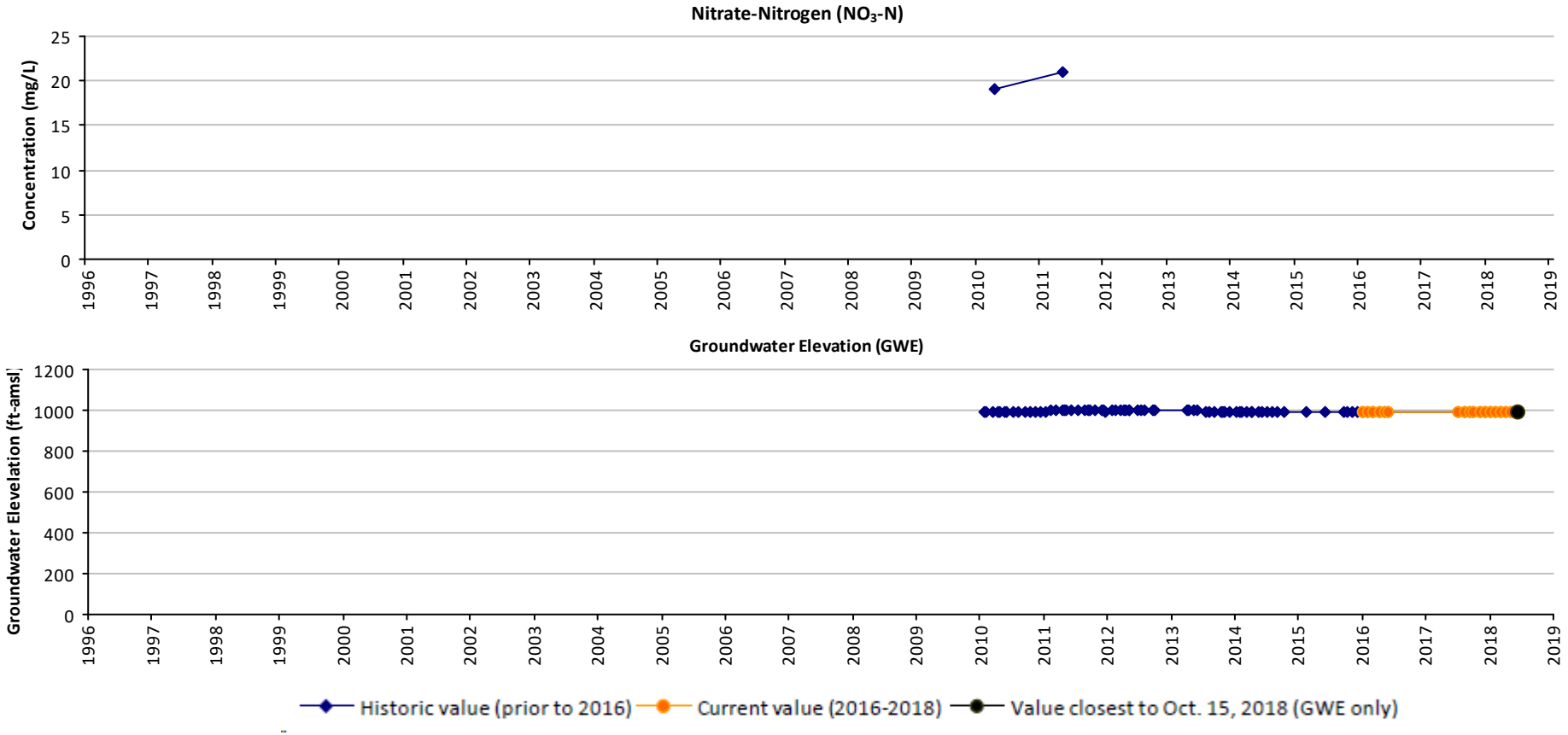

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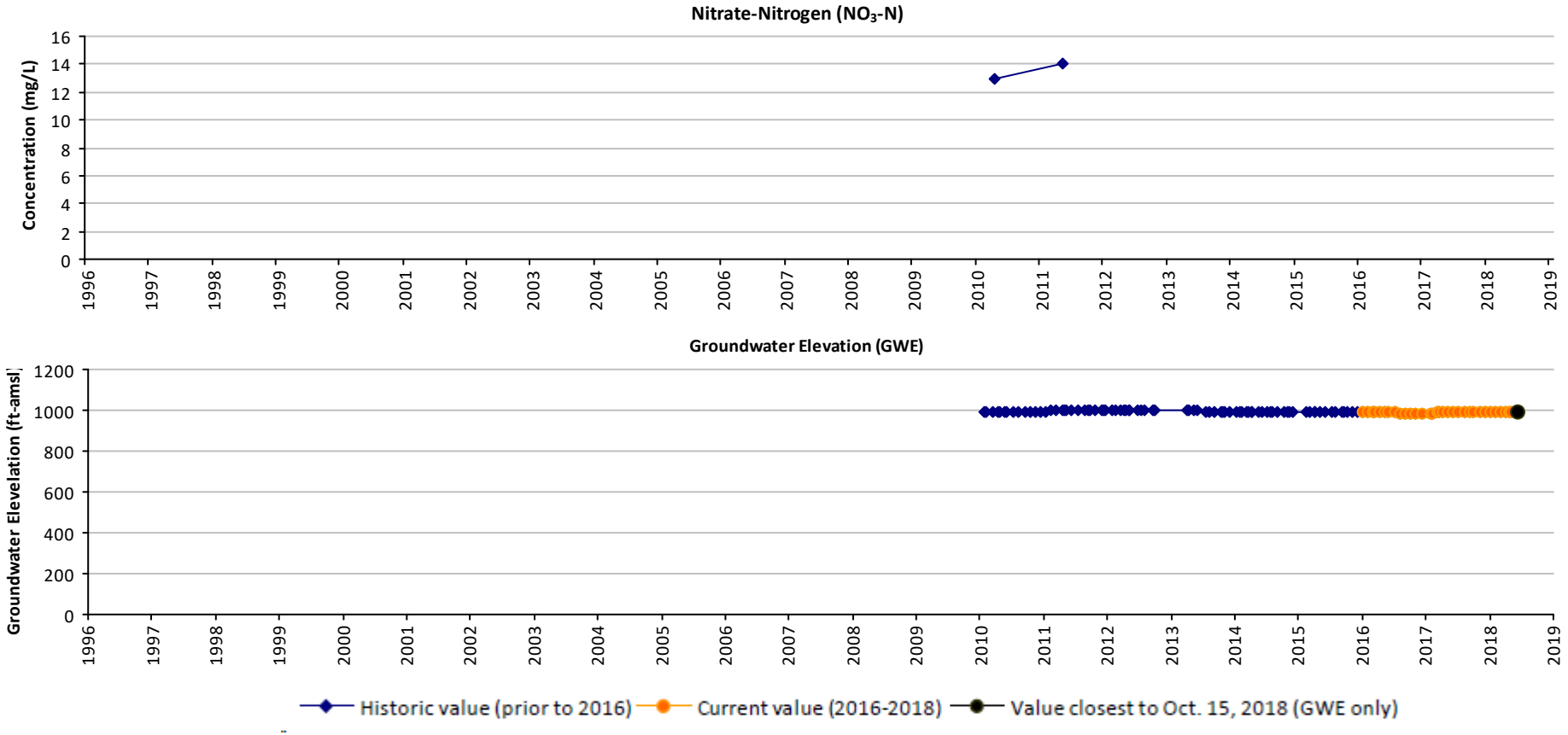

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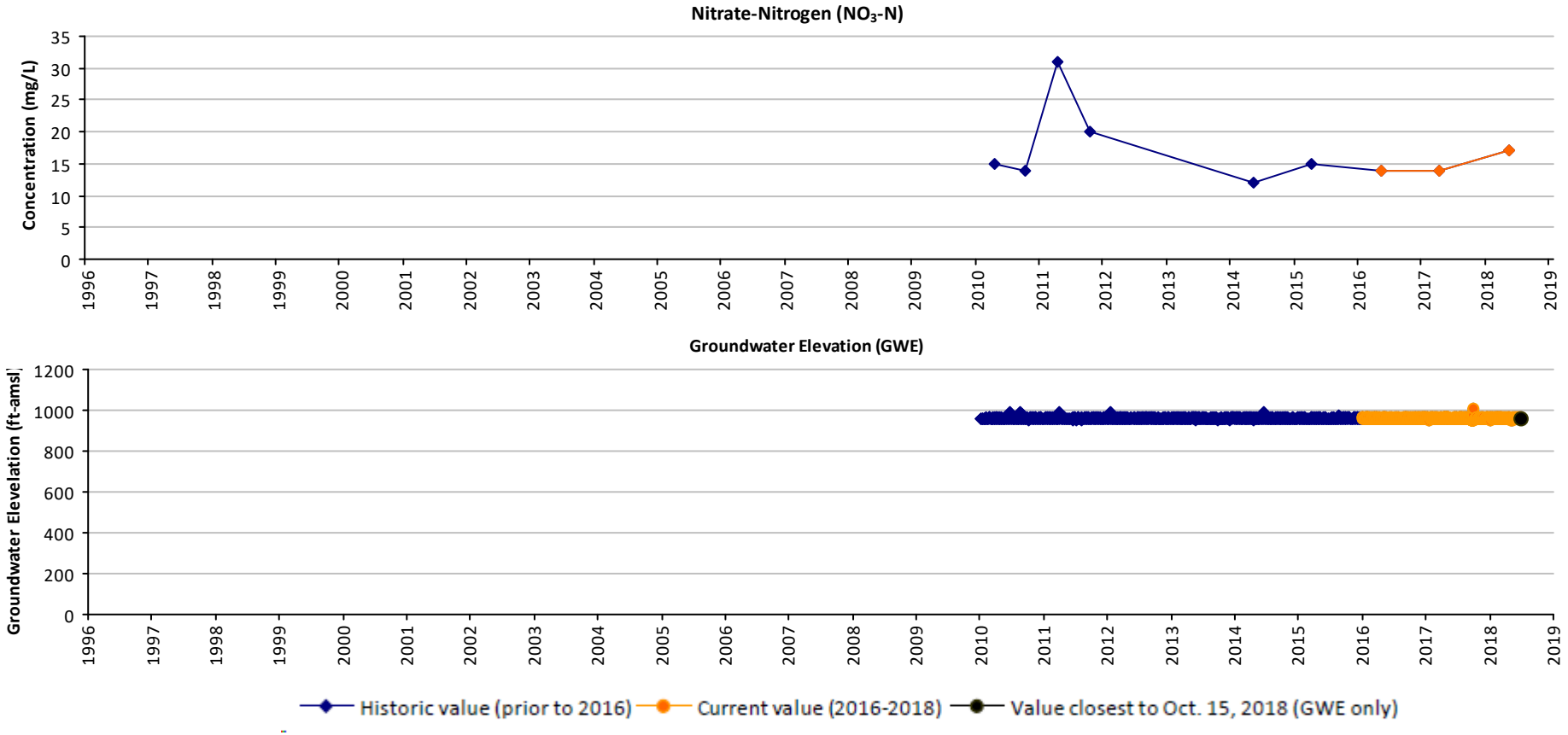

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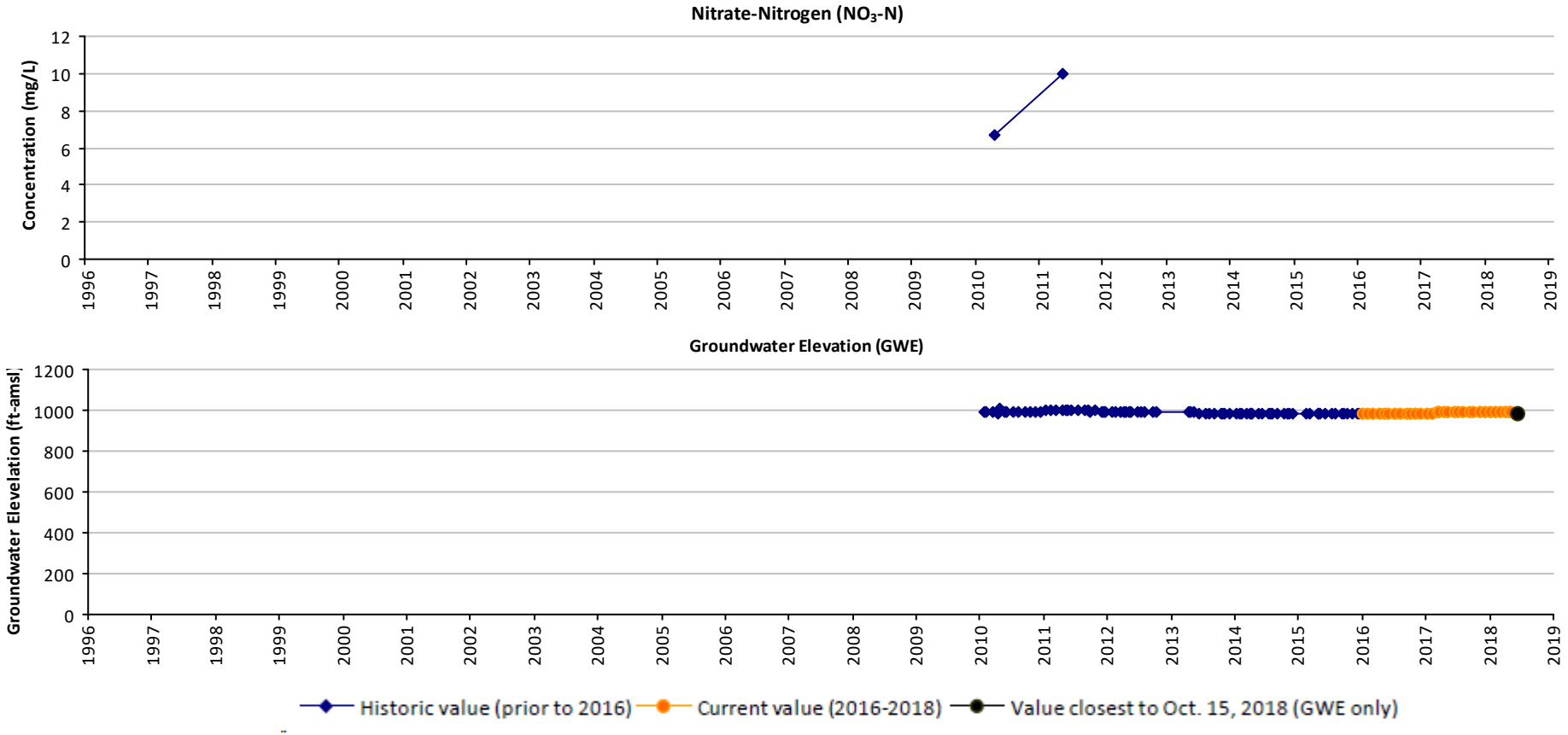

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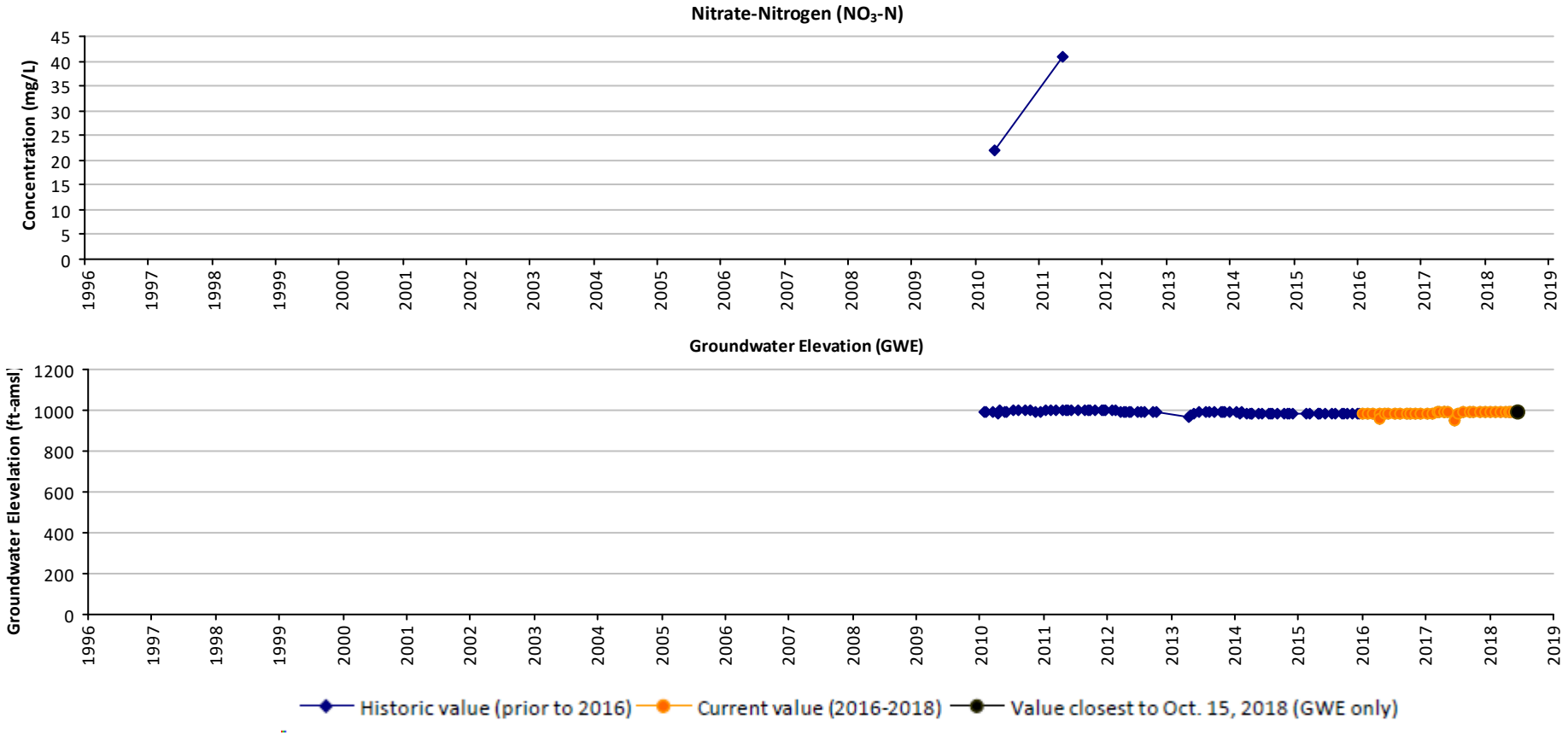

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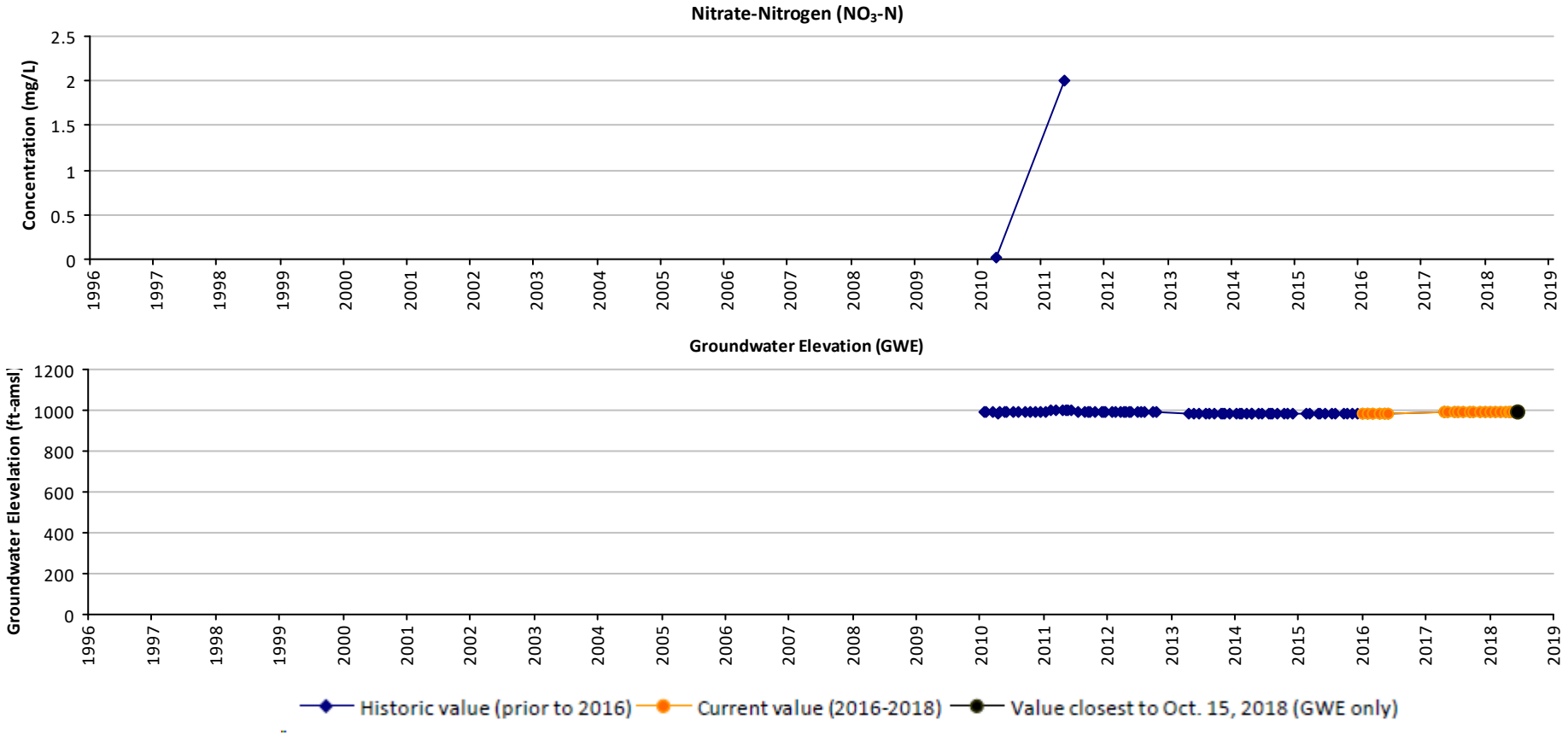

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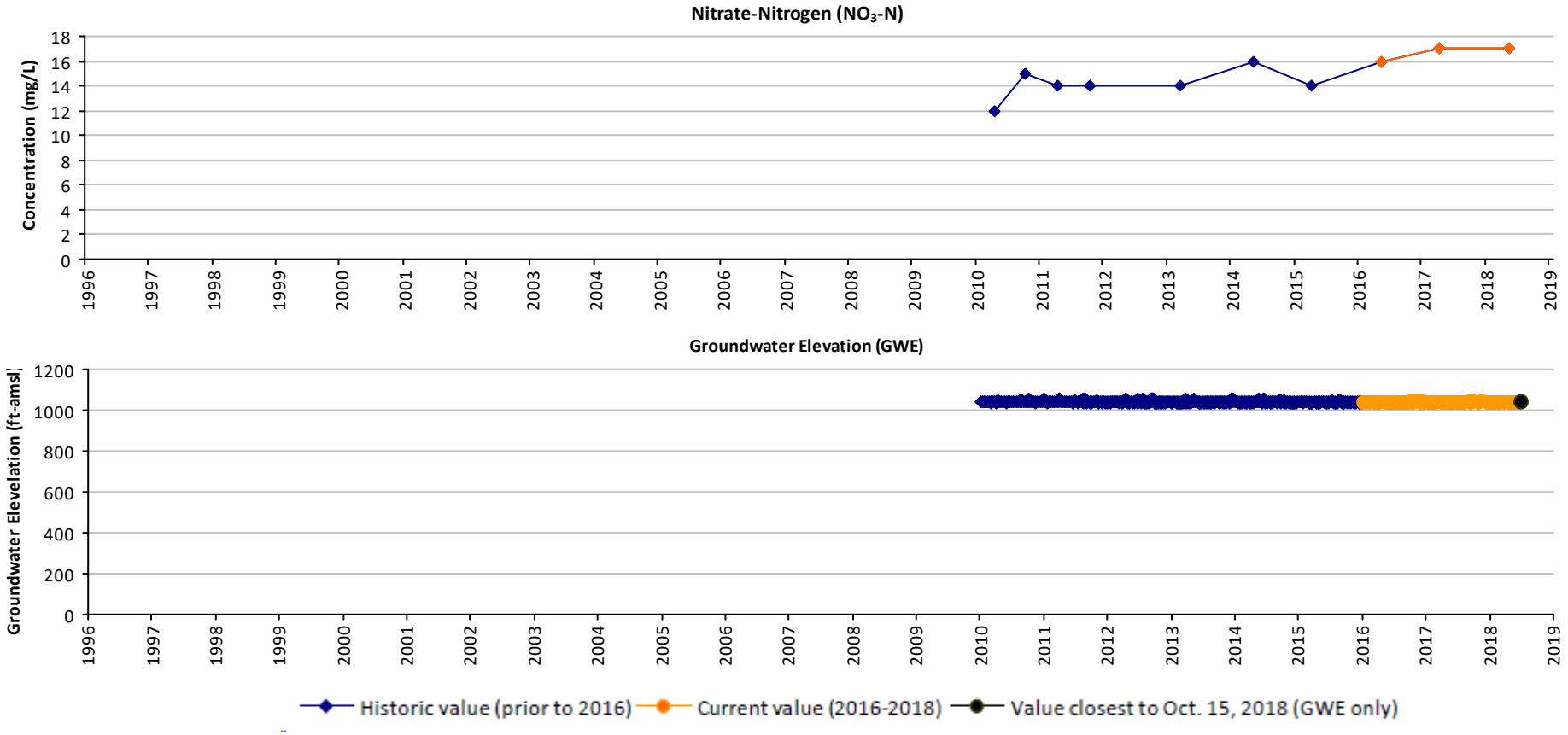

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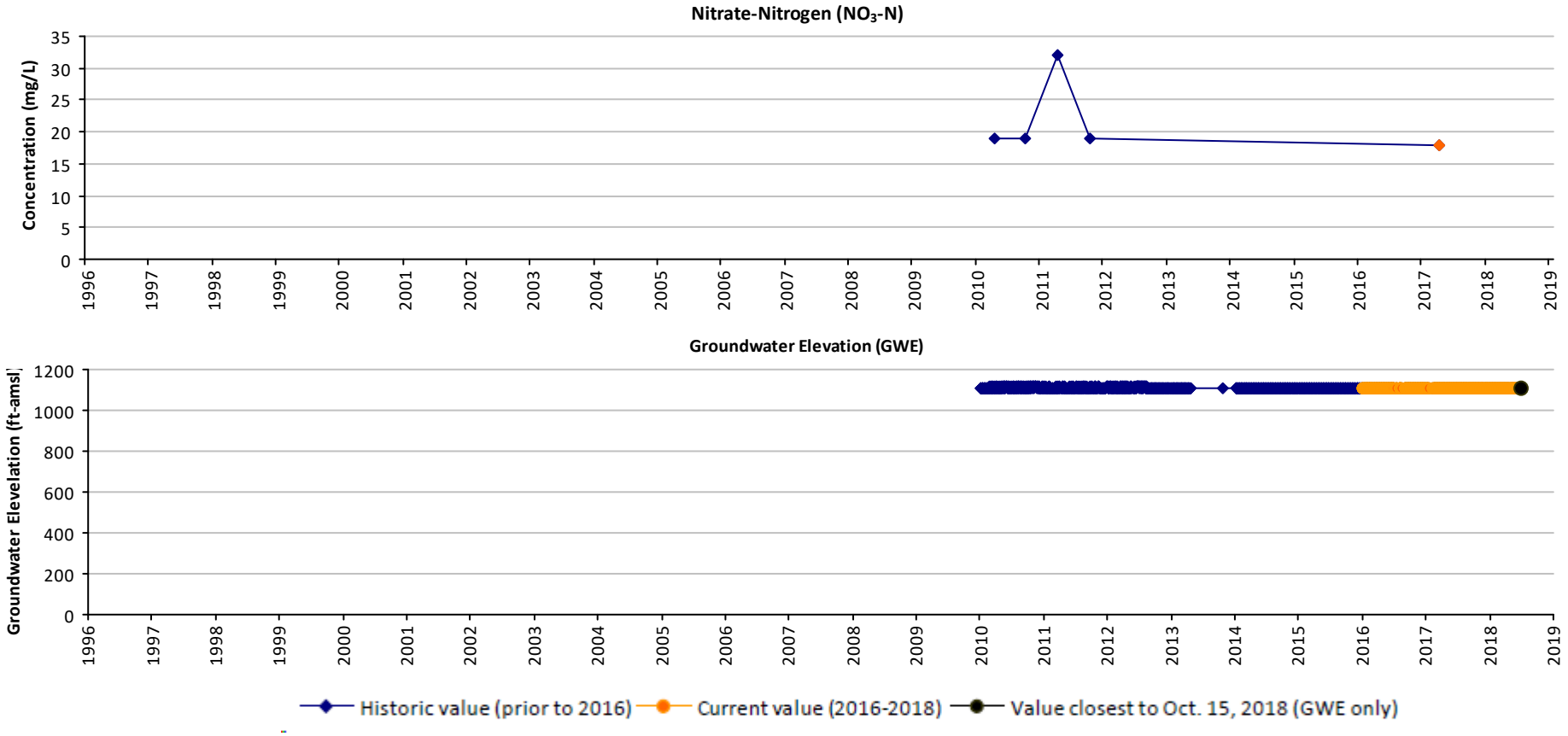

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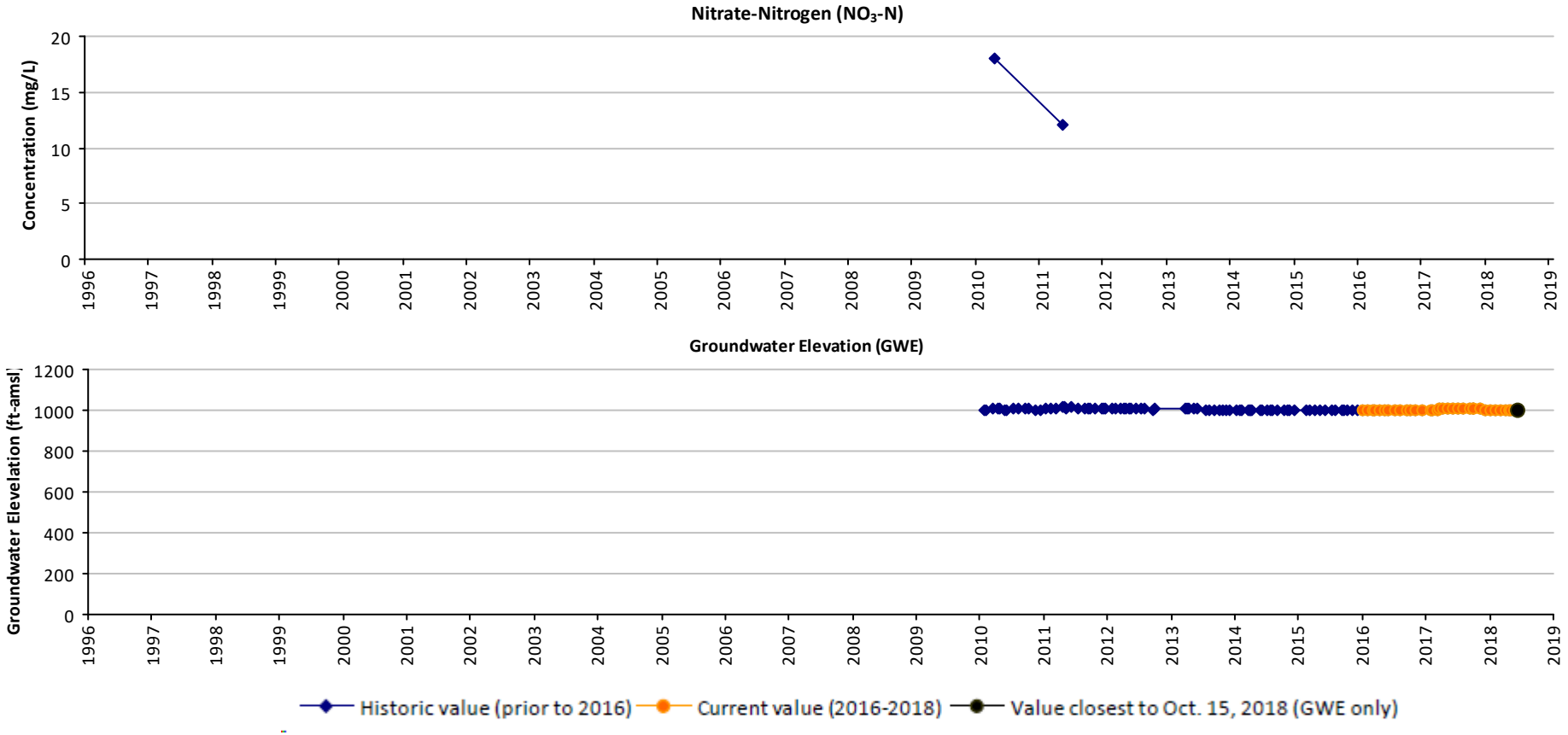

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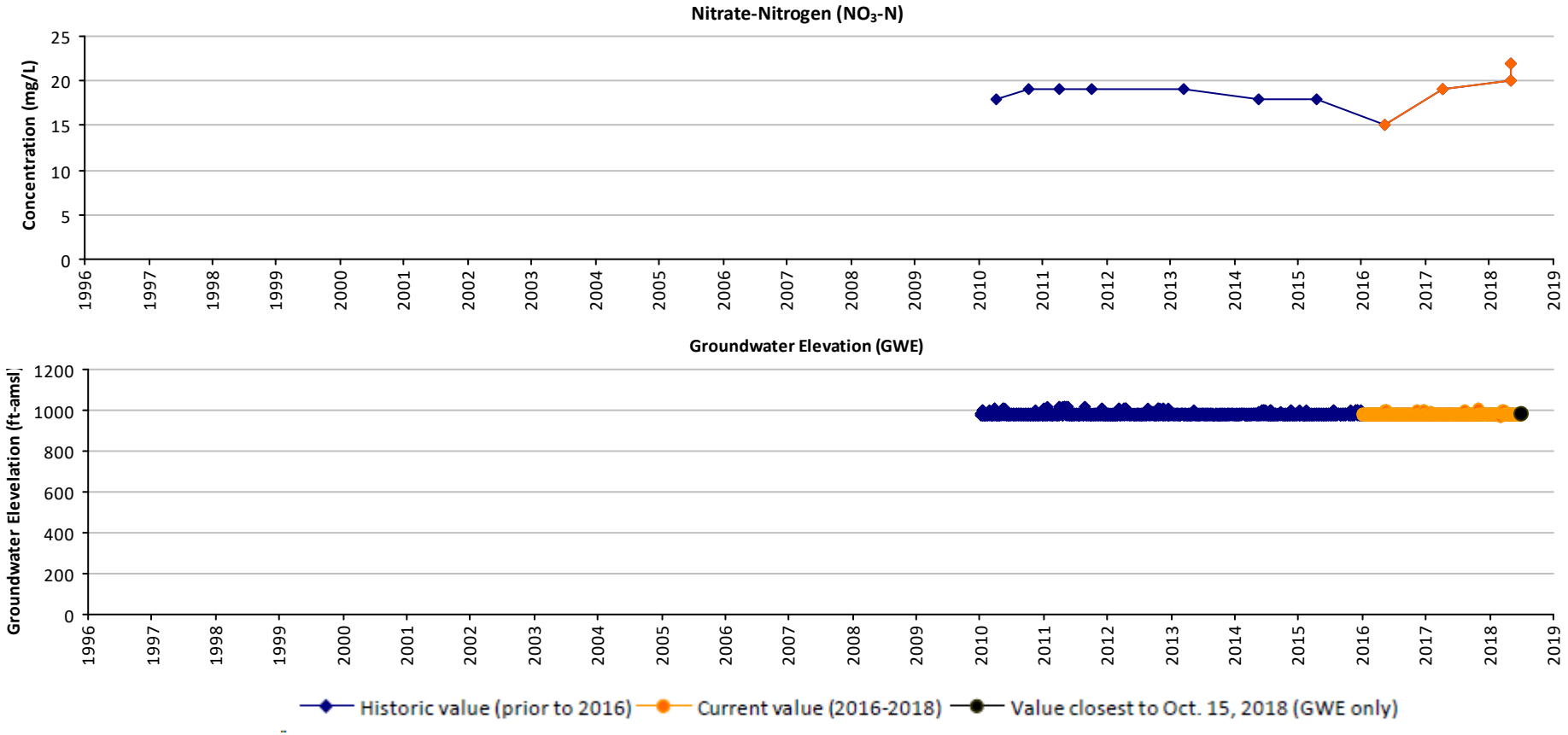
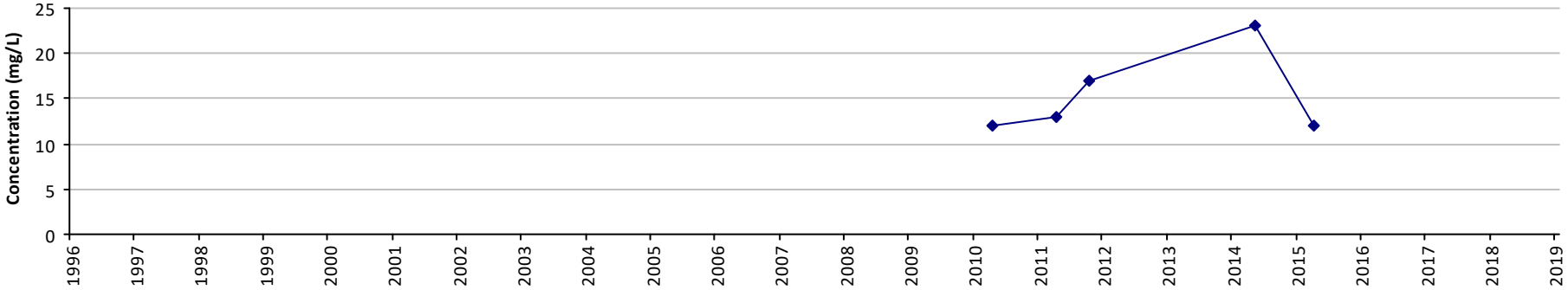
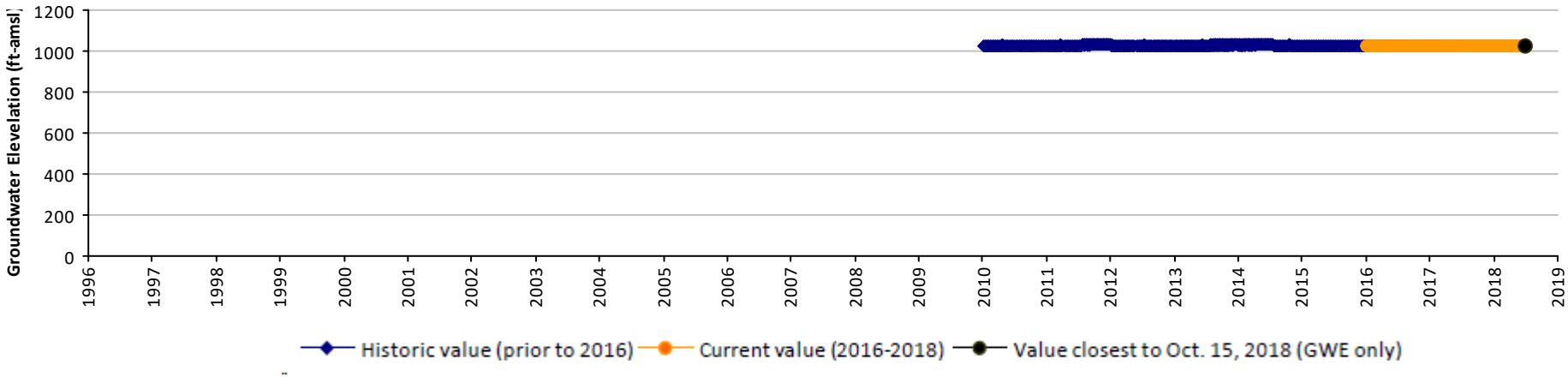


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



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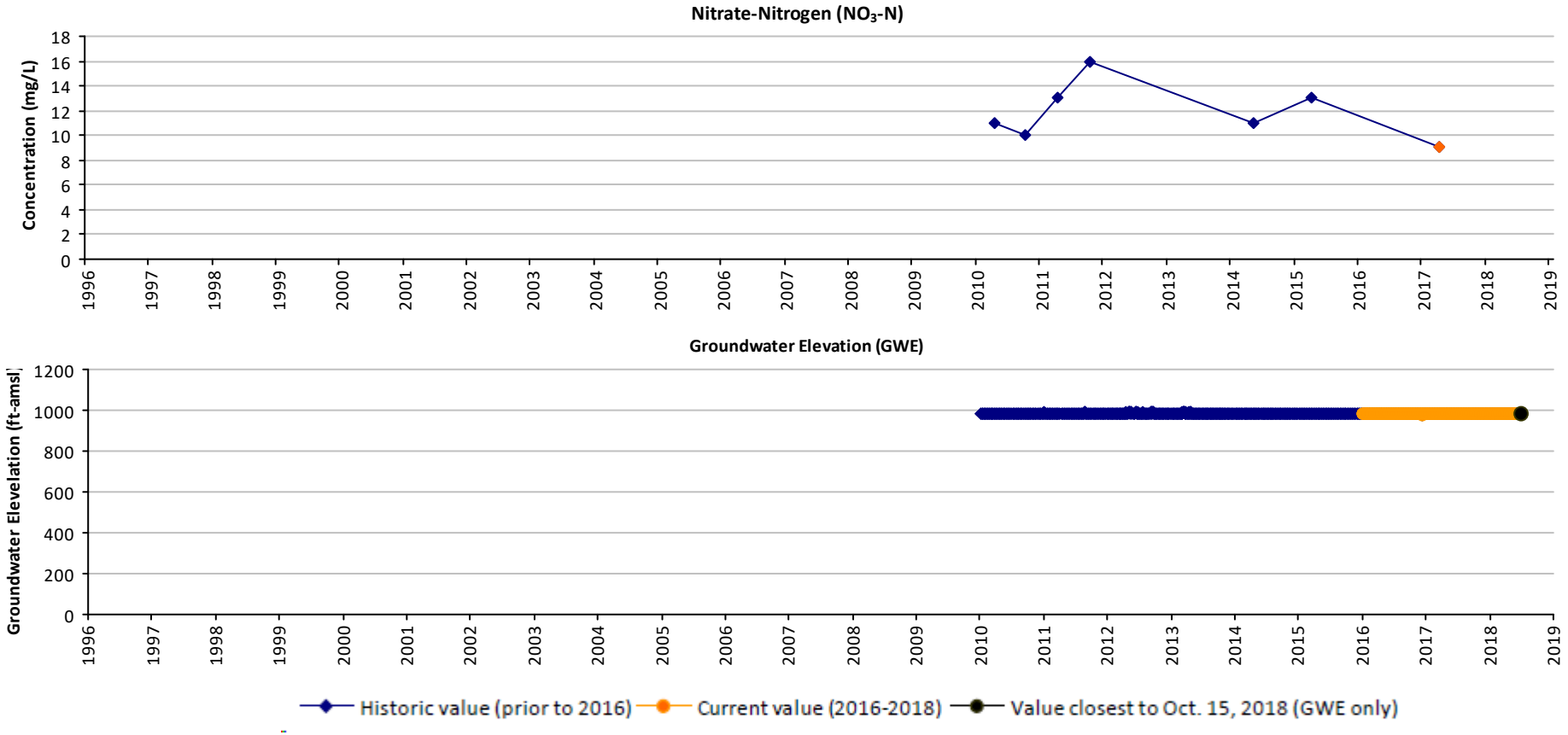

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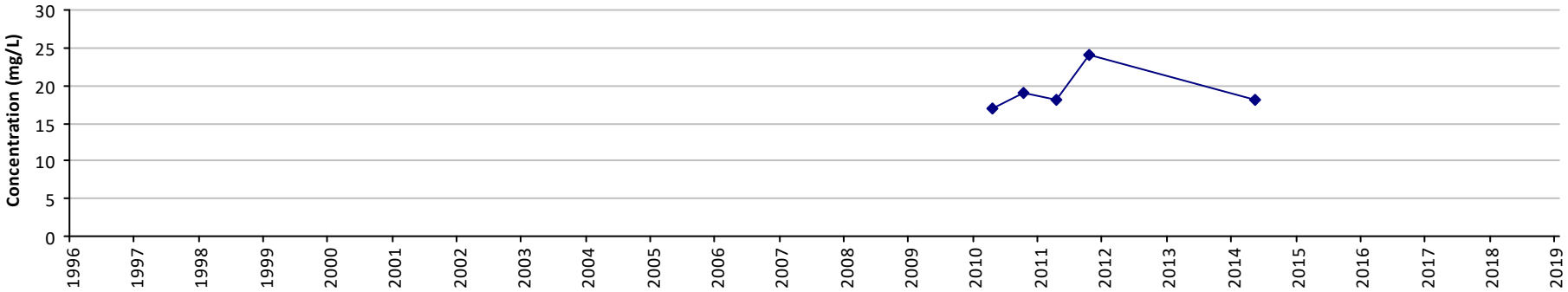

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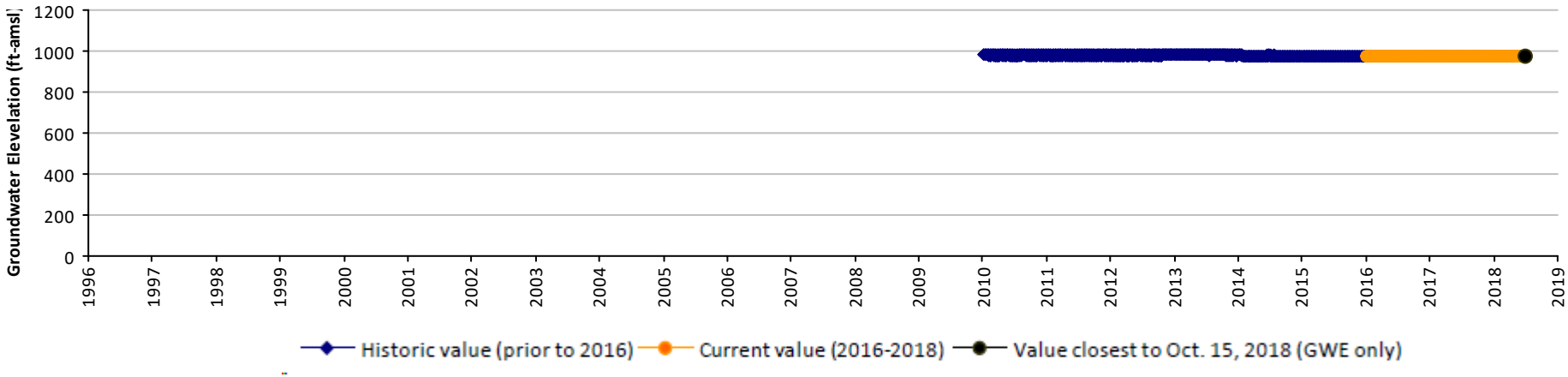

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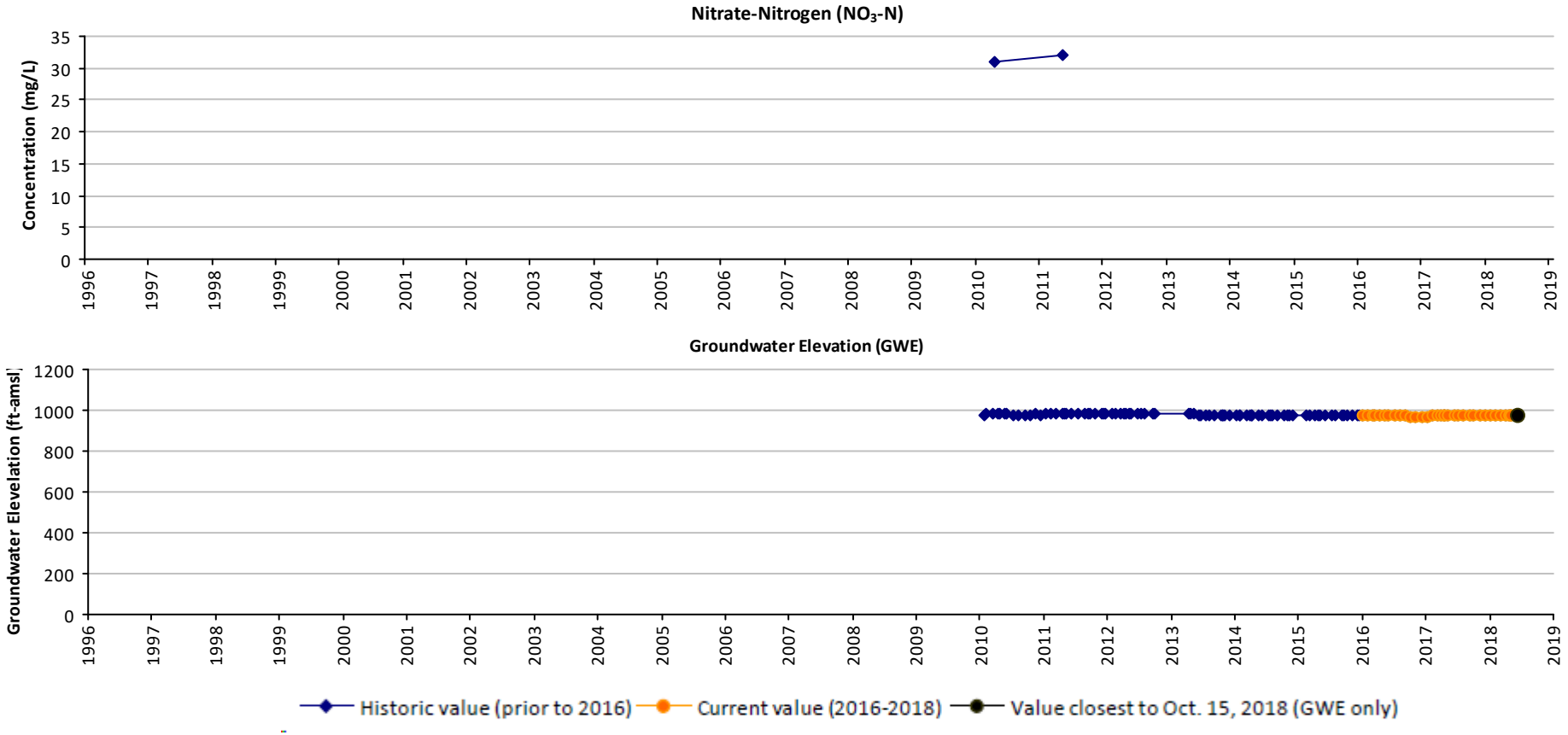

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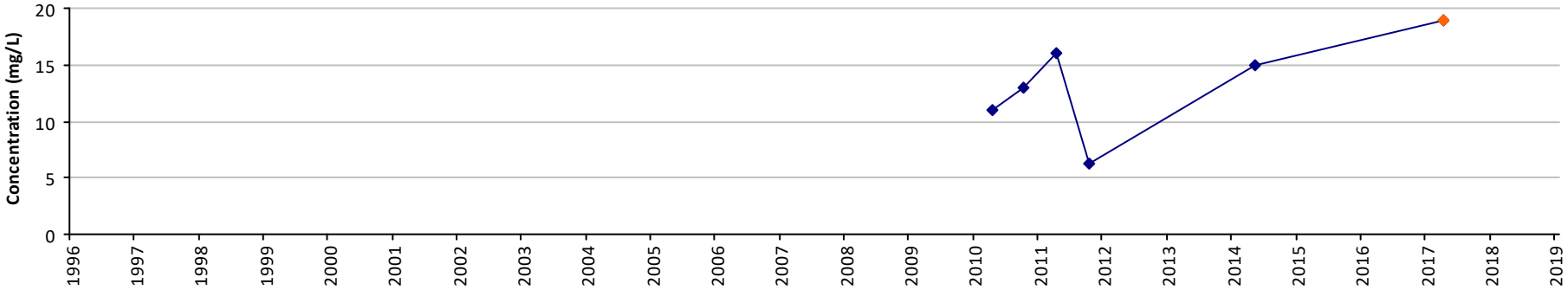

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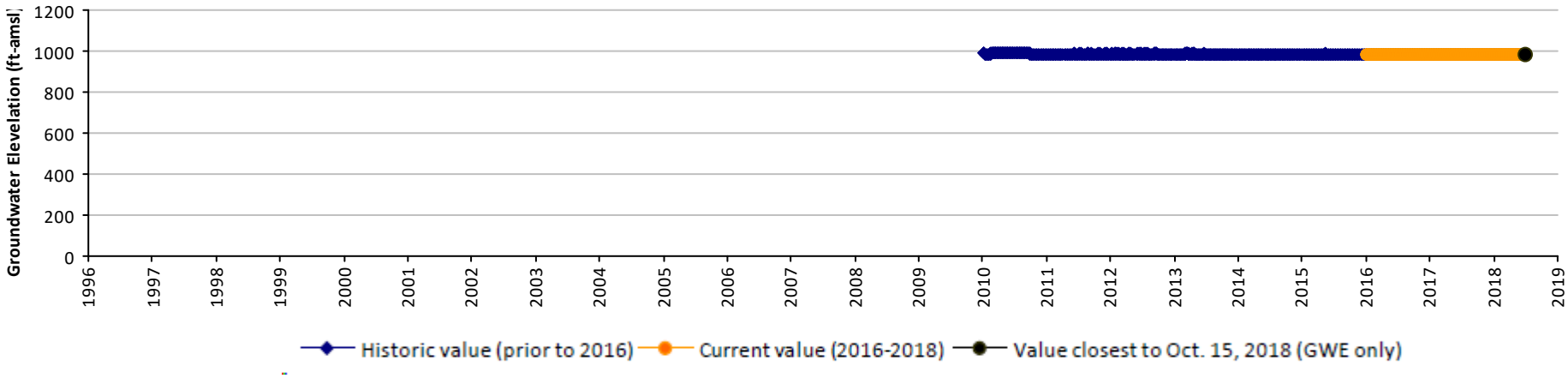

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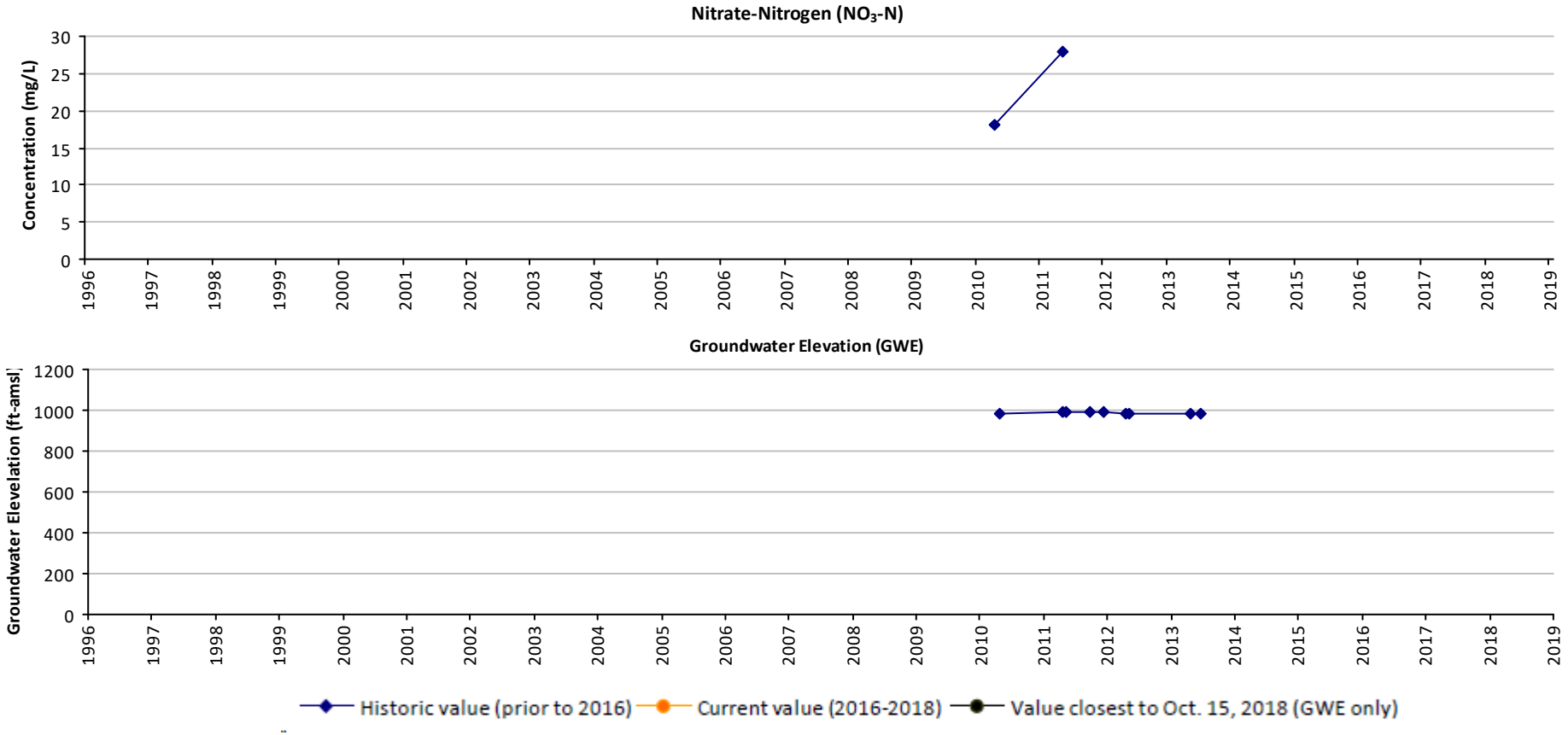

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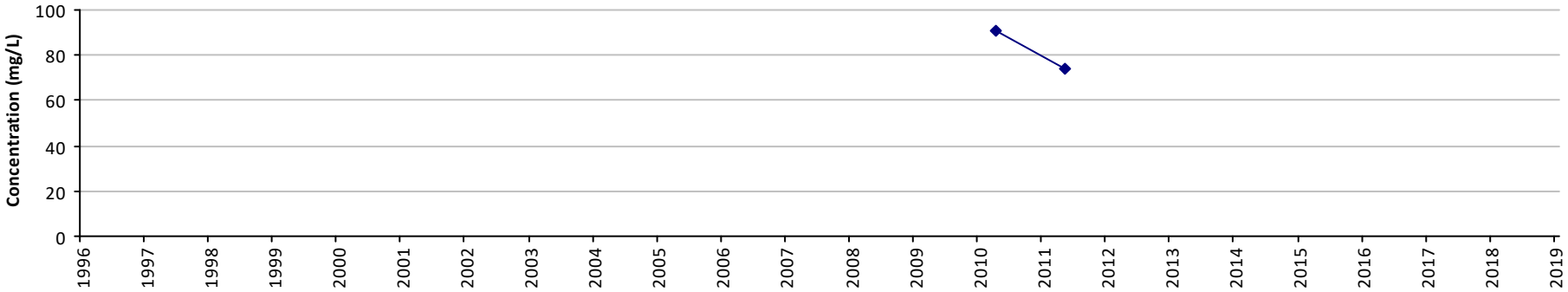

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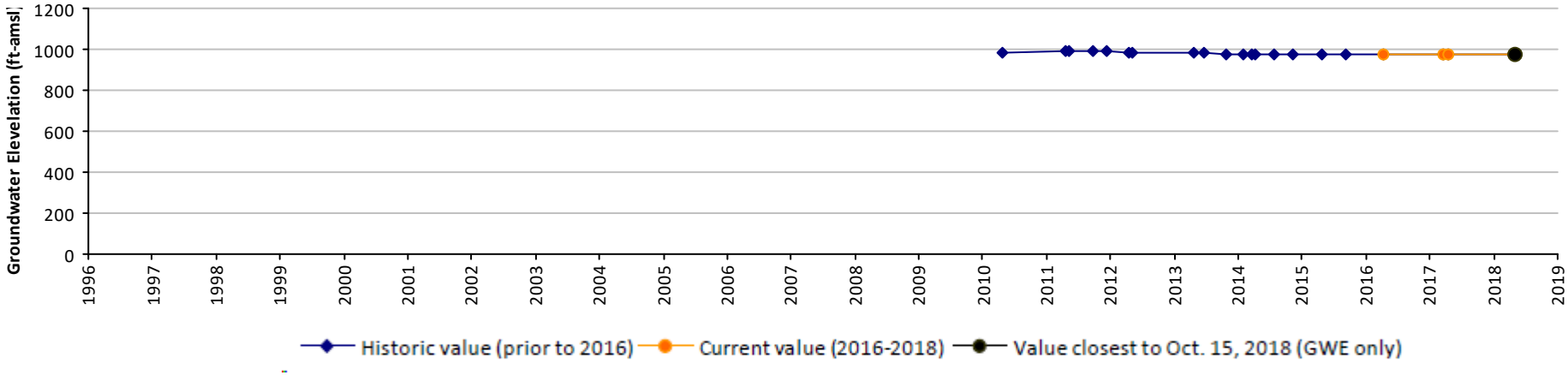

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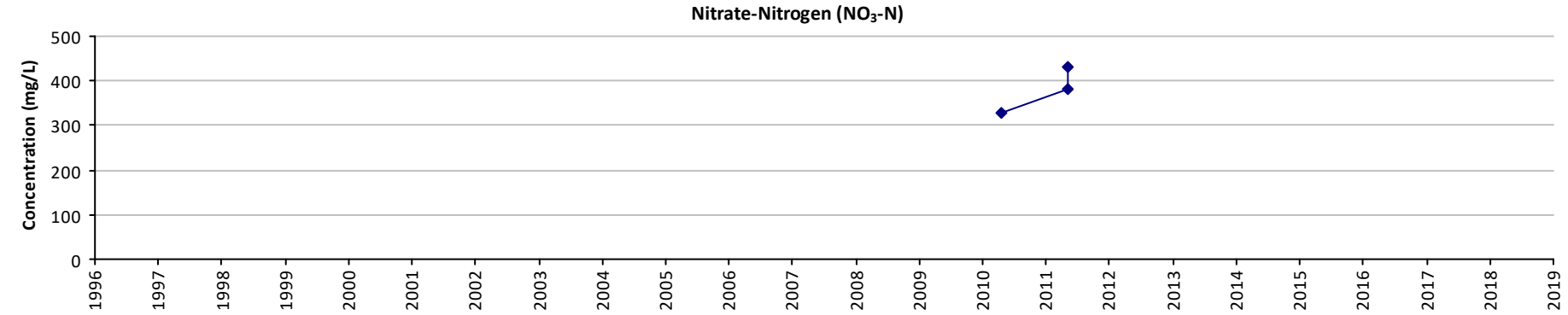

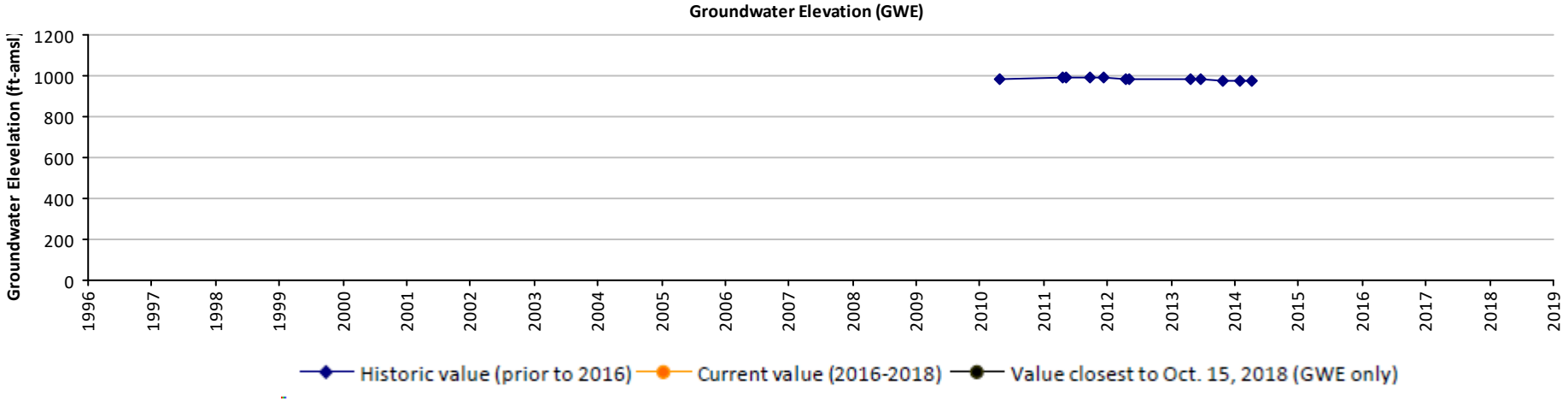

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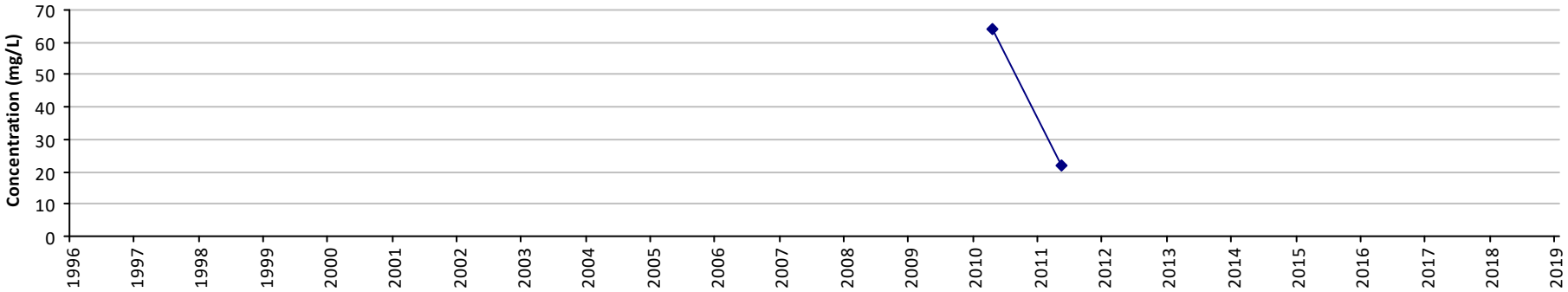
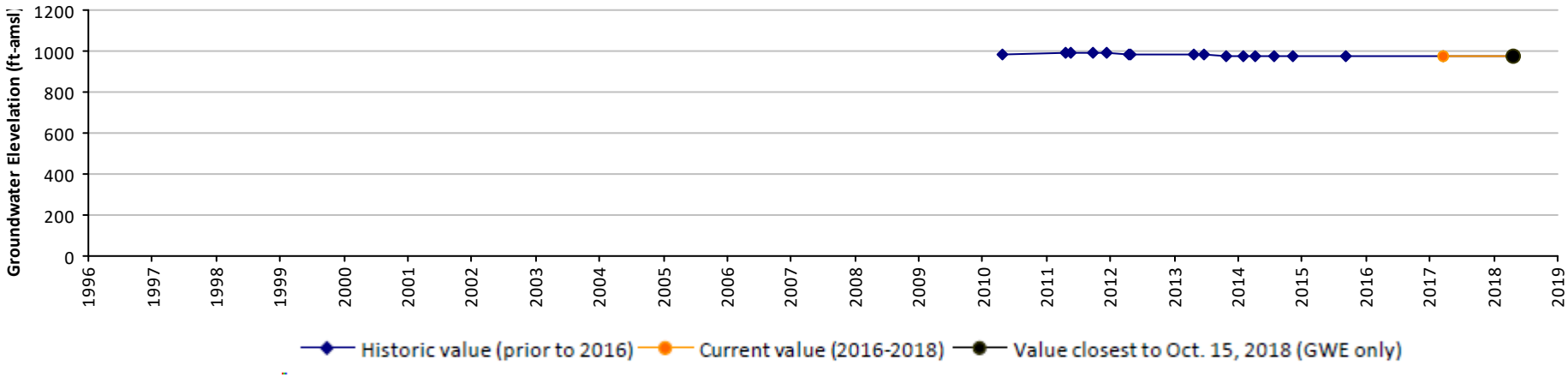


Groundwater Elevation (GWE)



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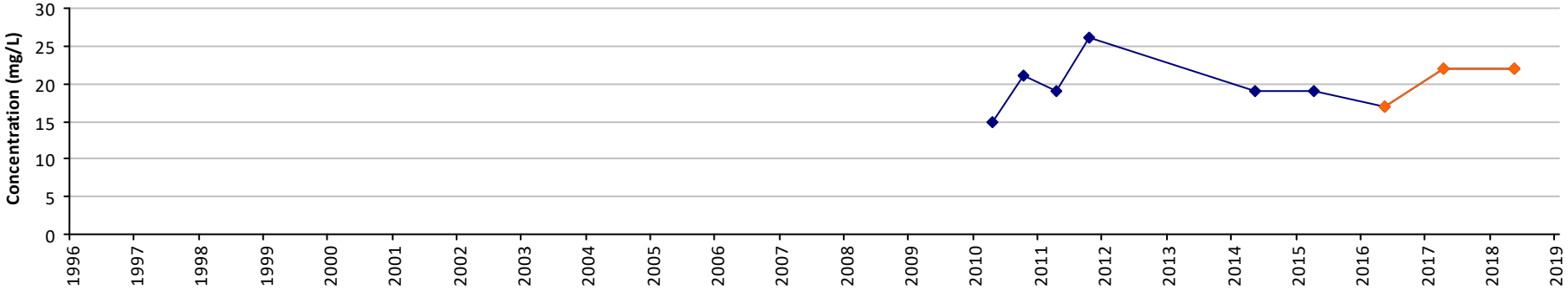

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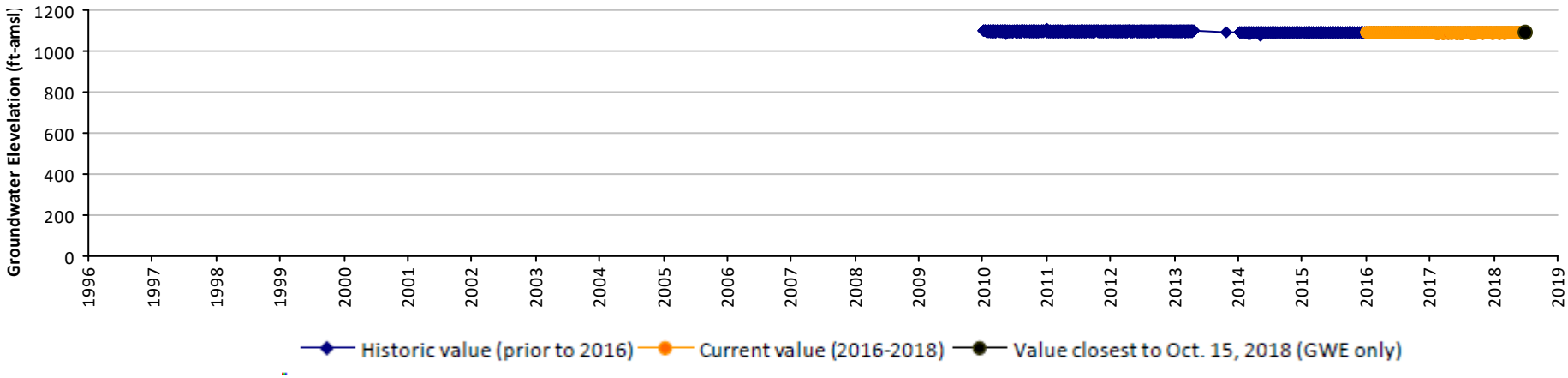

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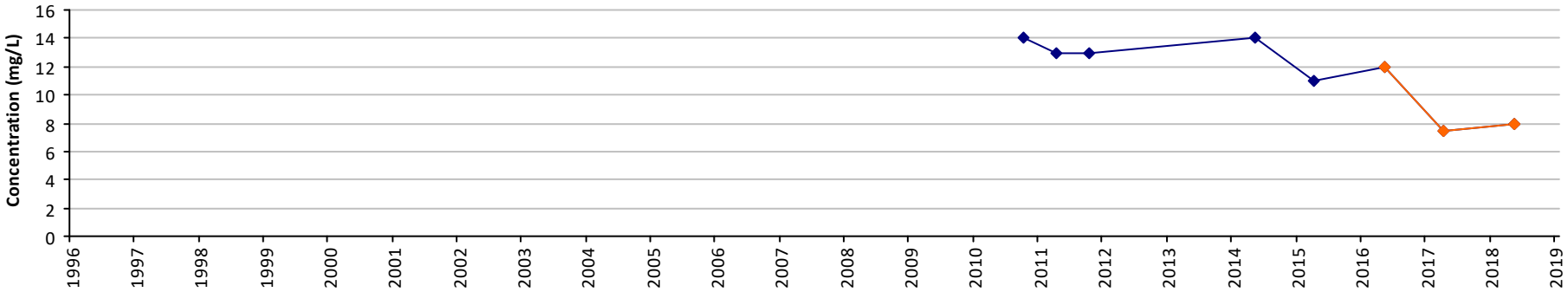

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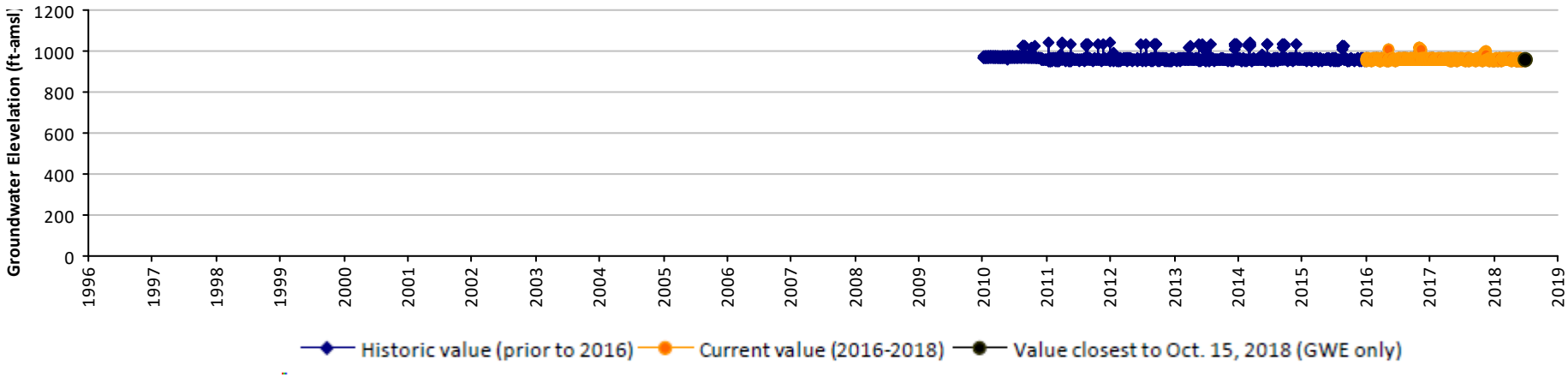

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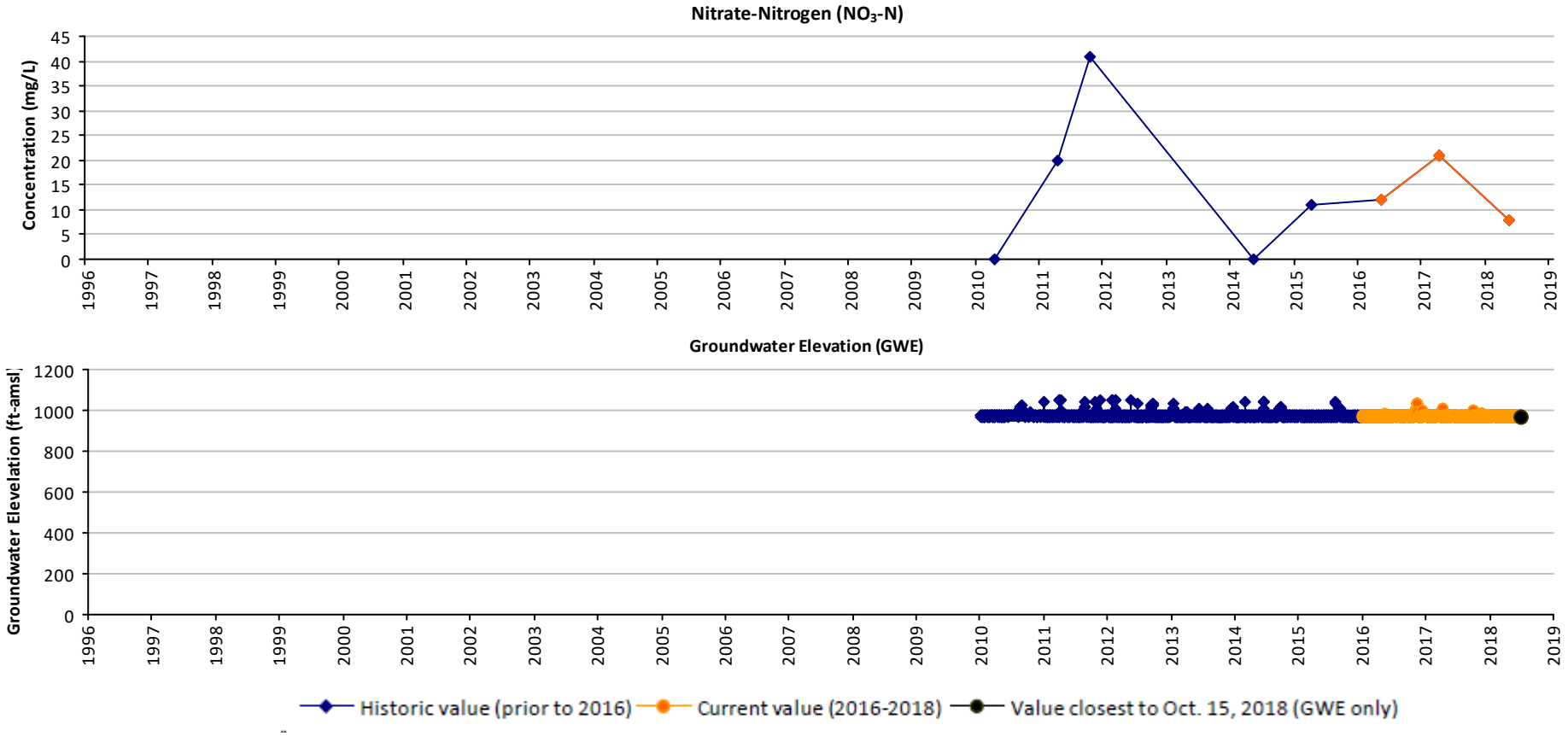

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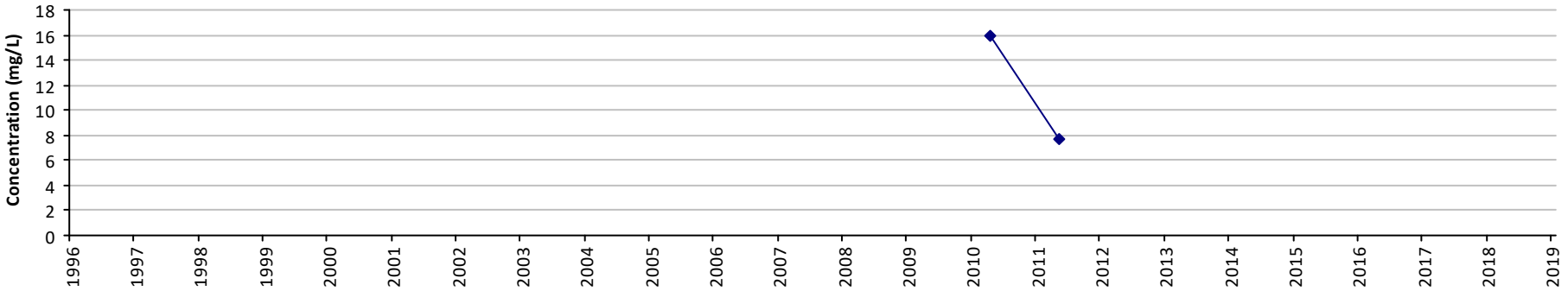

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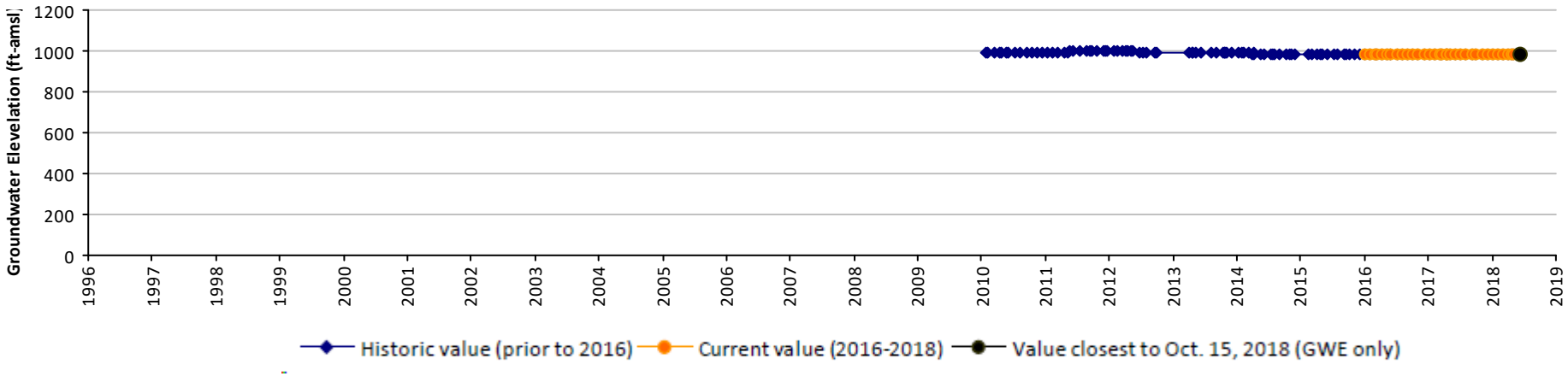

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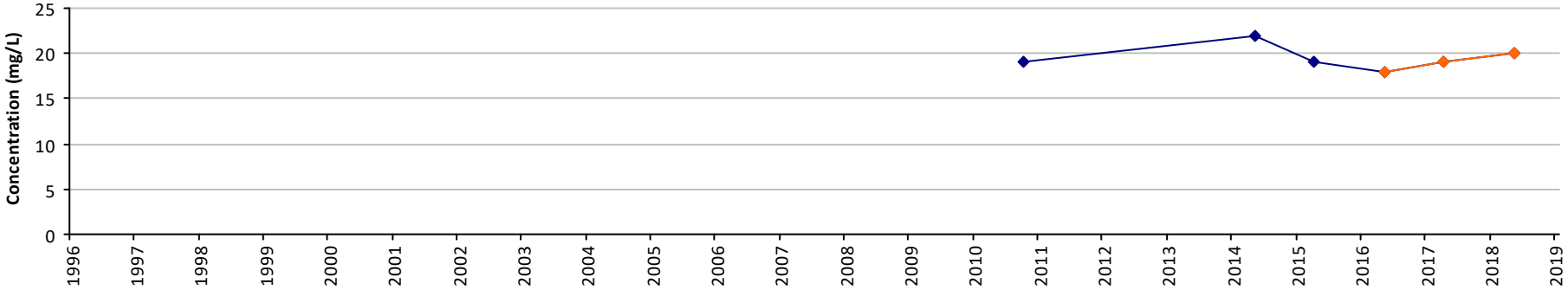

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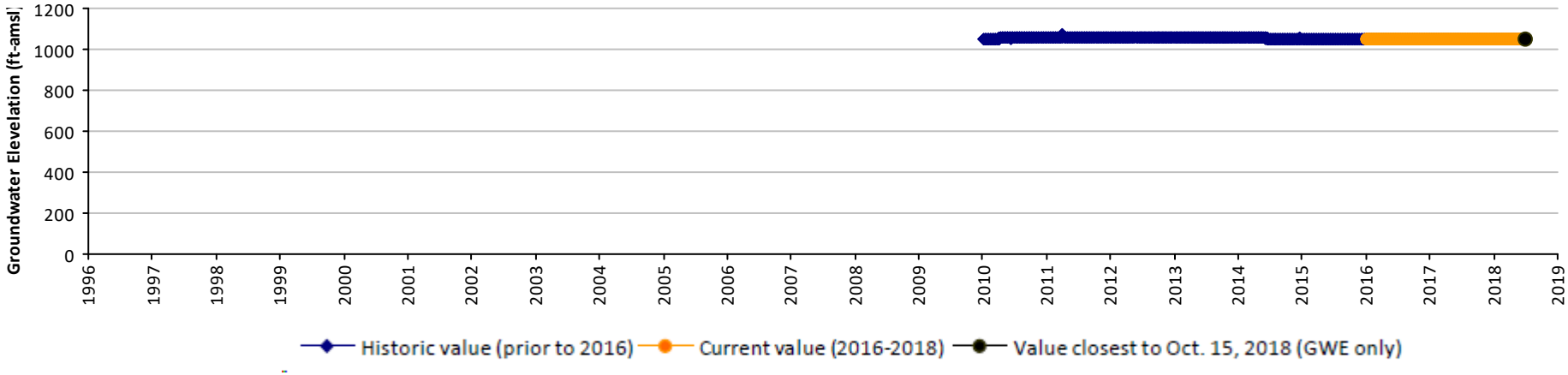

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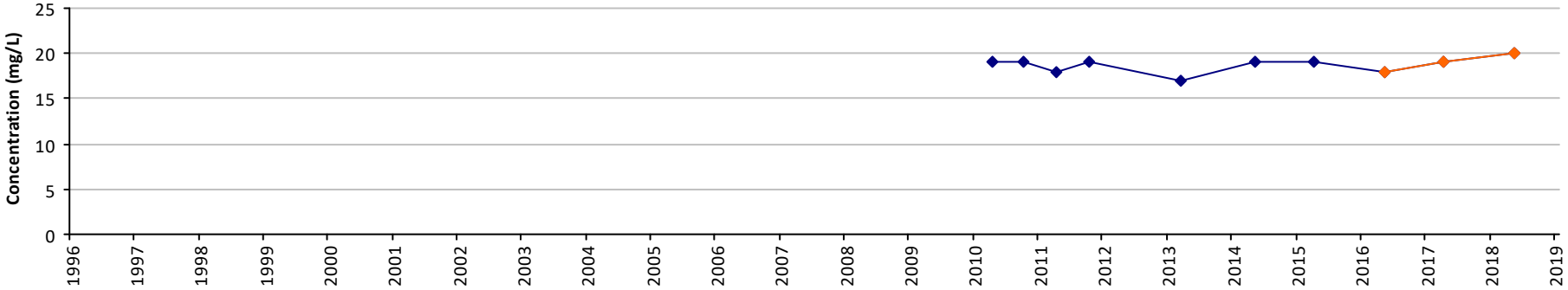

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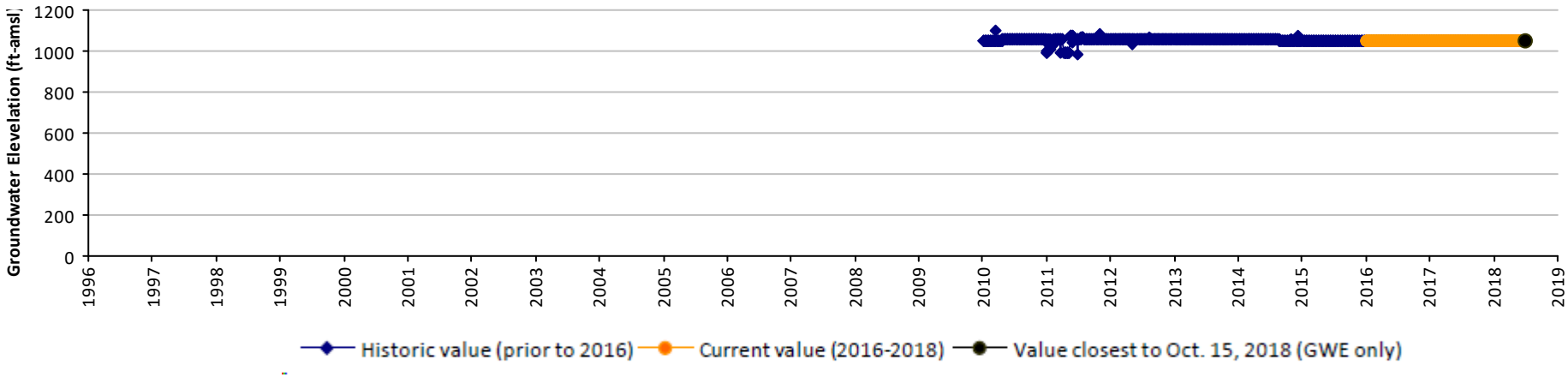

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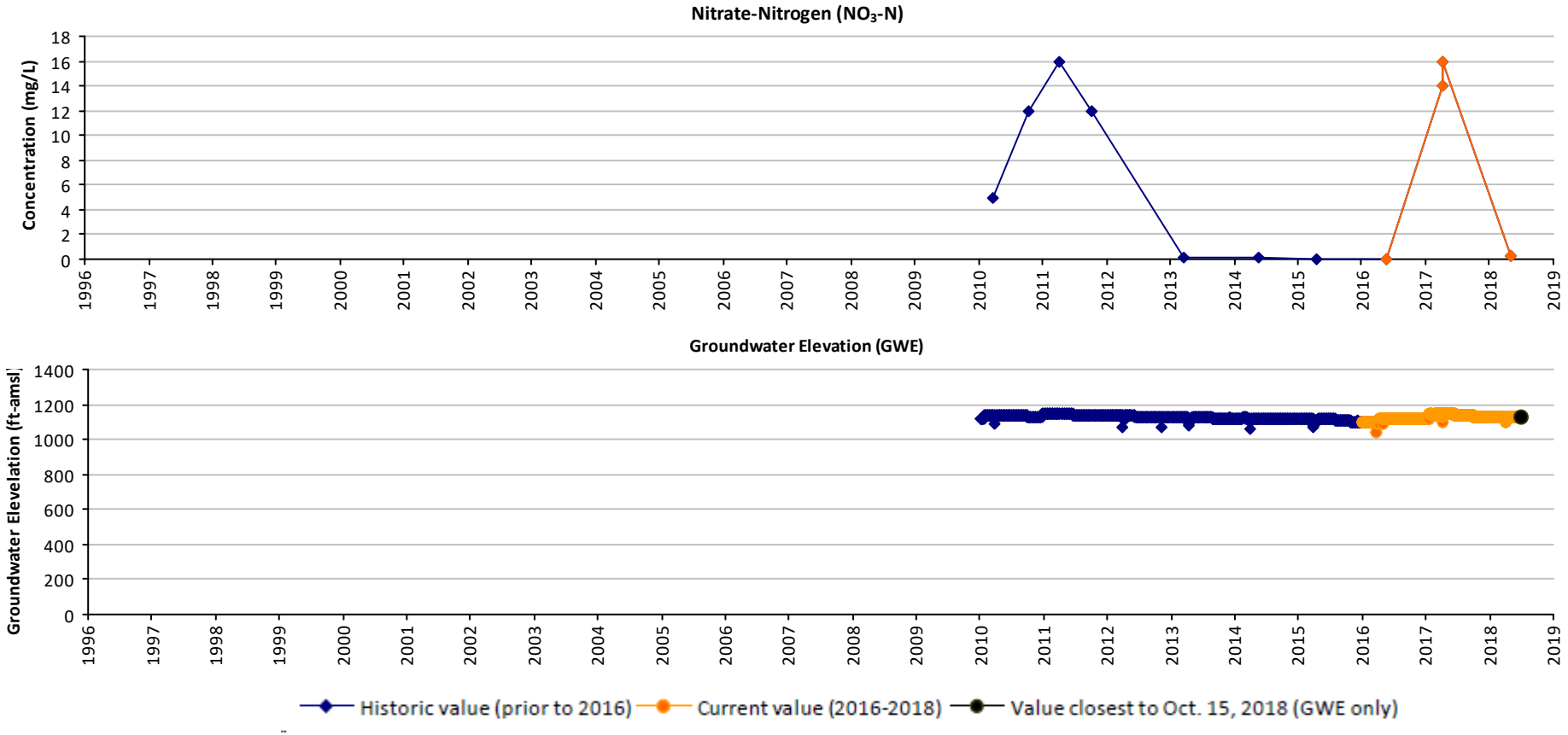

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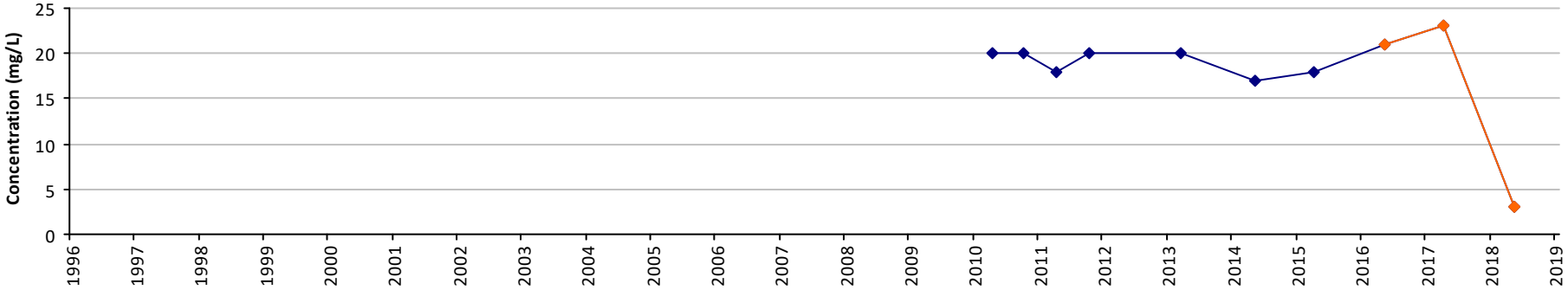

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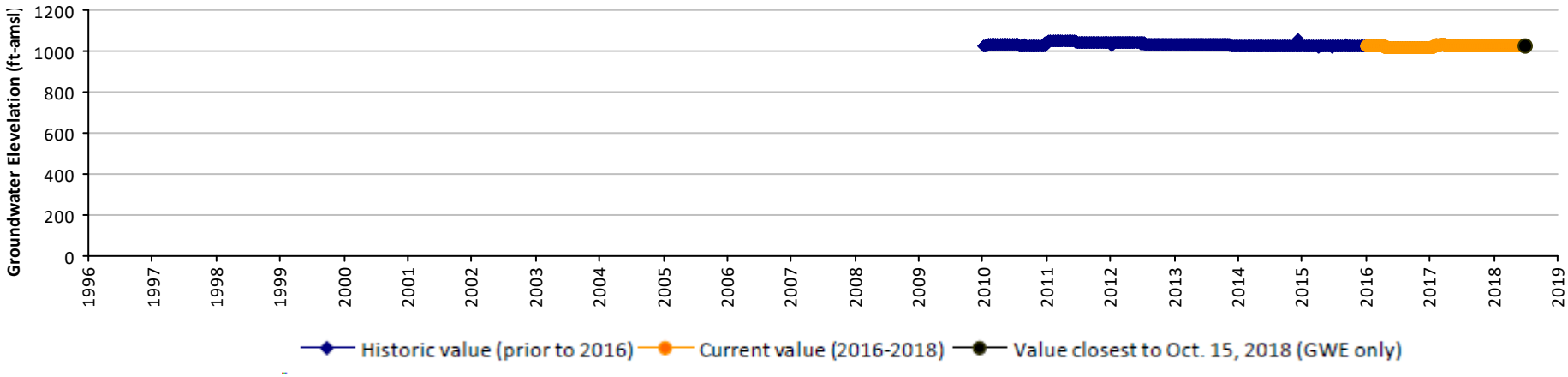
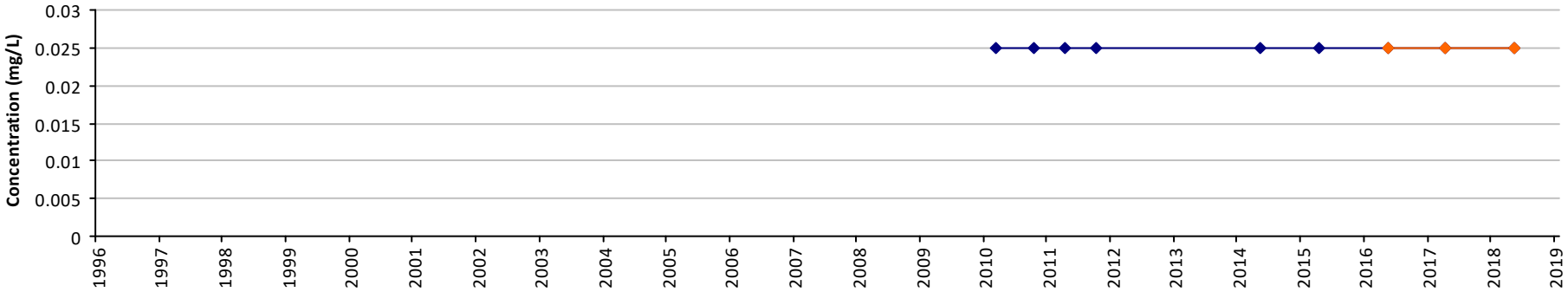
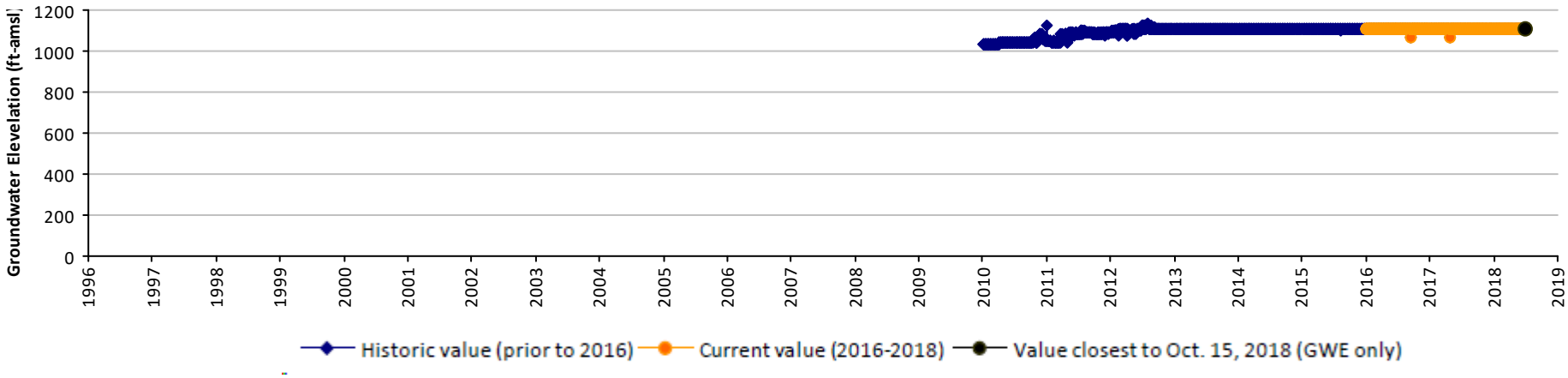


Total Dissolved Solids (TDS)

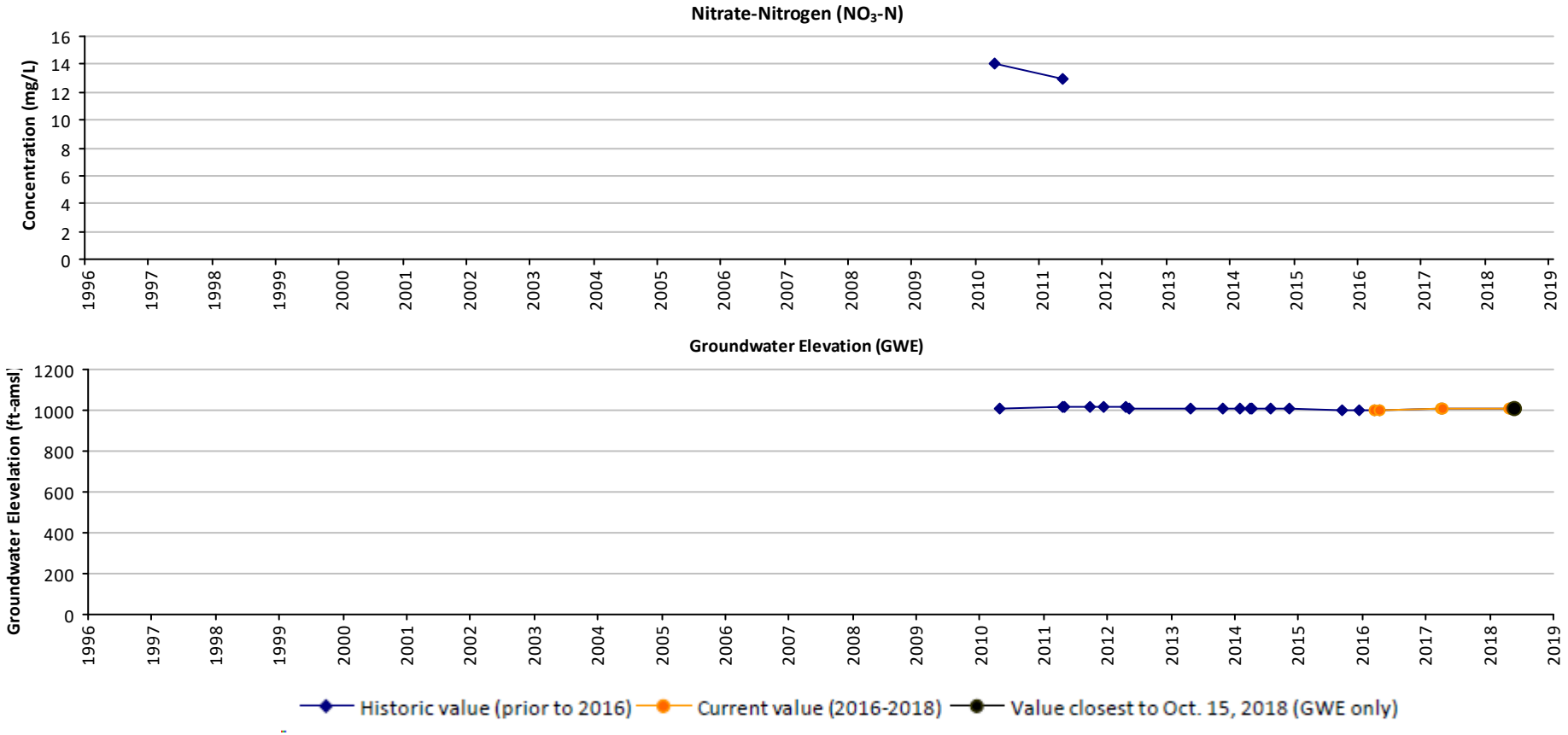
Nitrate-Nitrogen (NO_3-N)



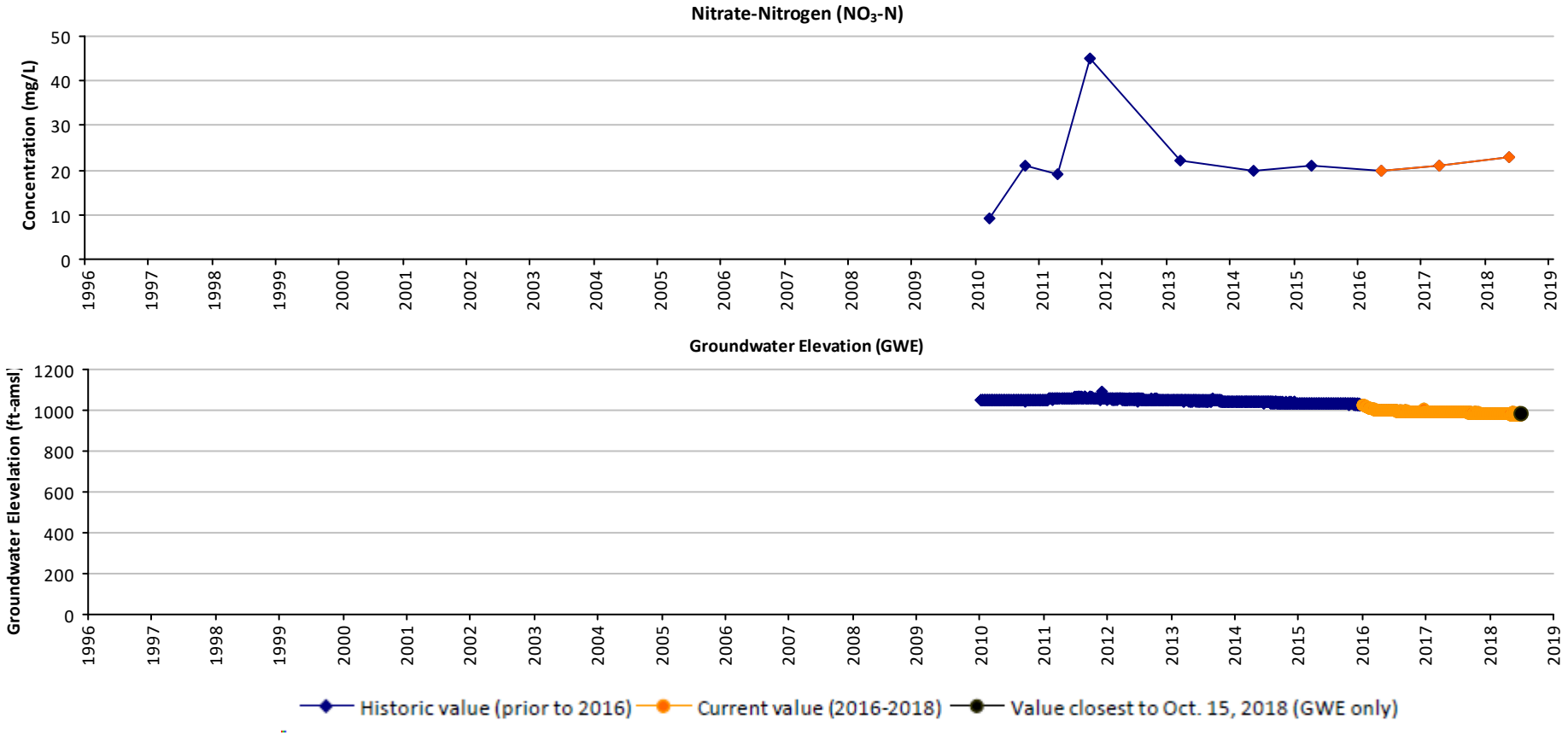
Groundwater Elevation (GWE)



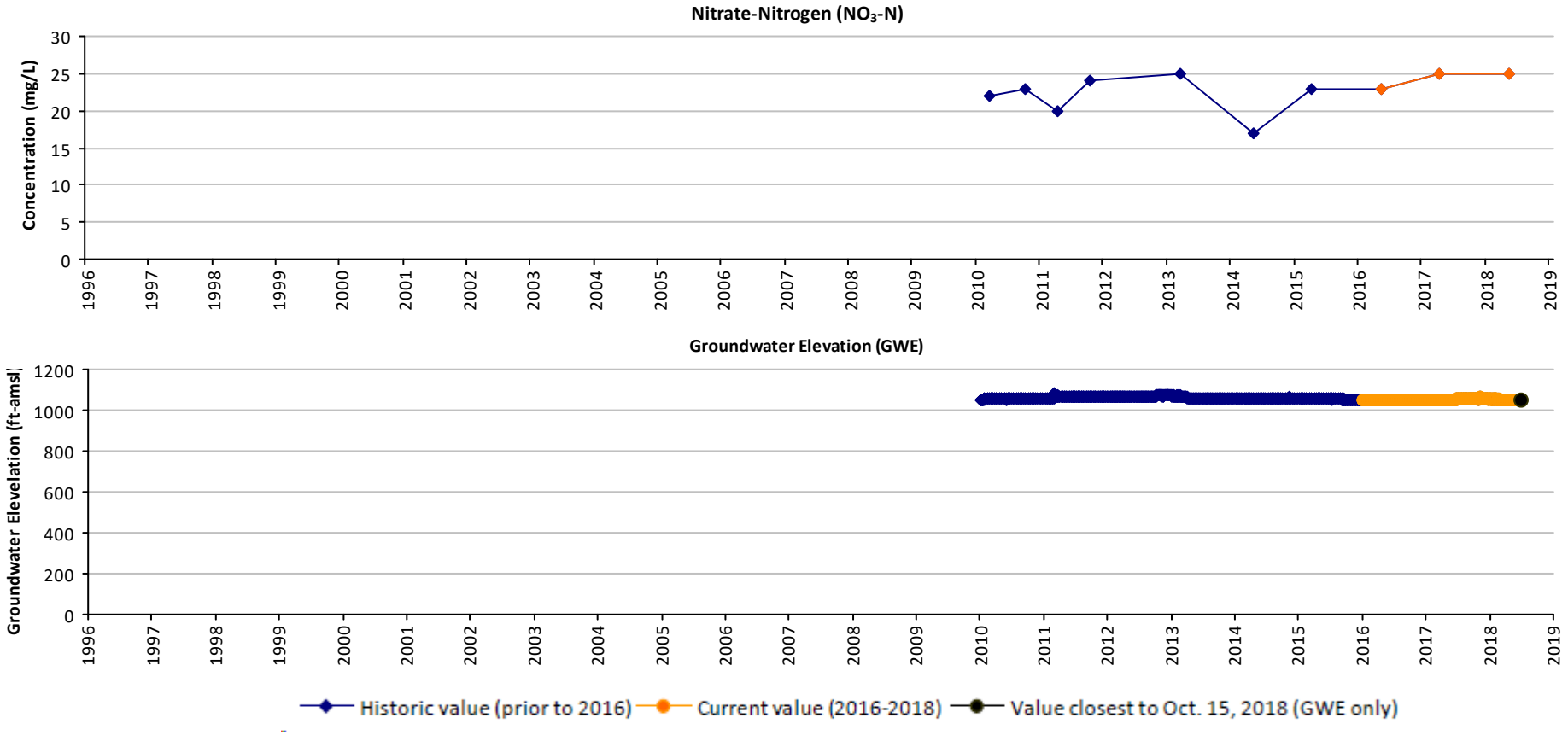
Total Dissolved Solids (TDS)



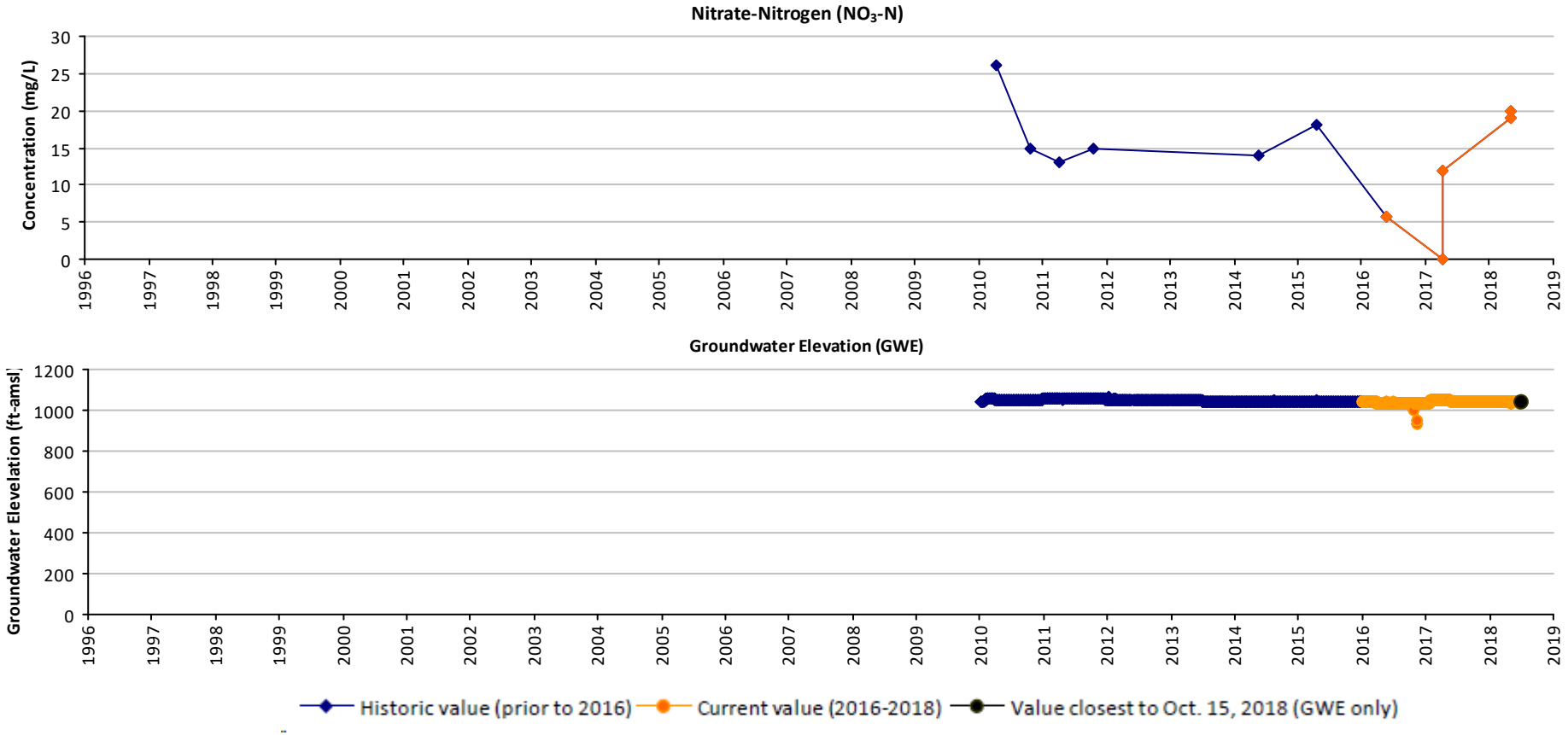
Total Dissolved Solids (TDS)



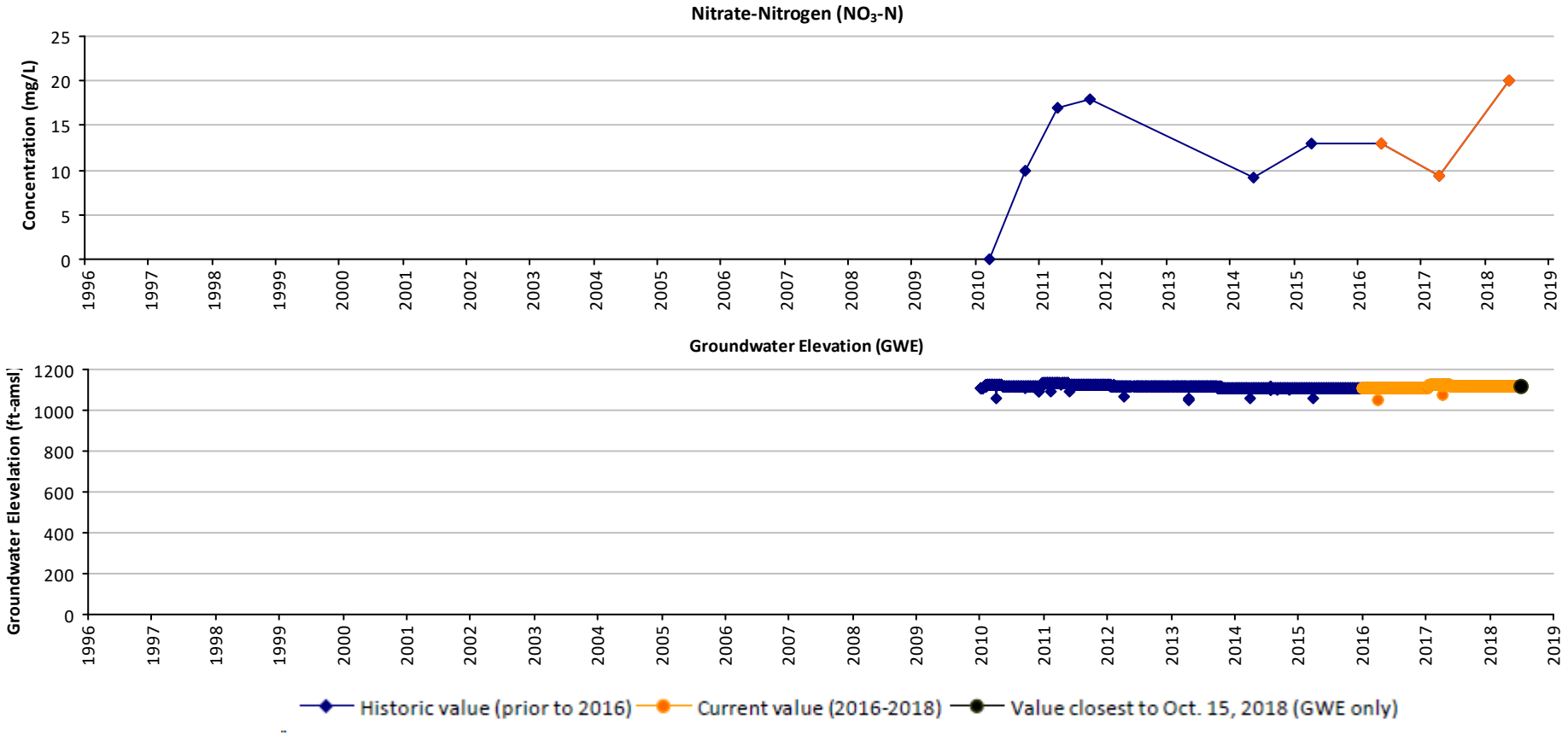
Total Dissolved Solids (TDS)



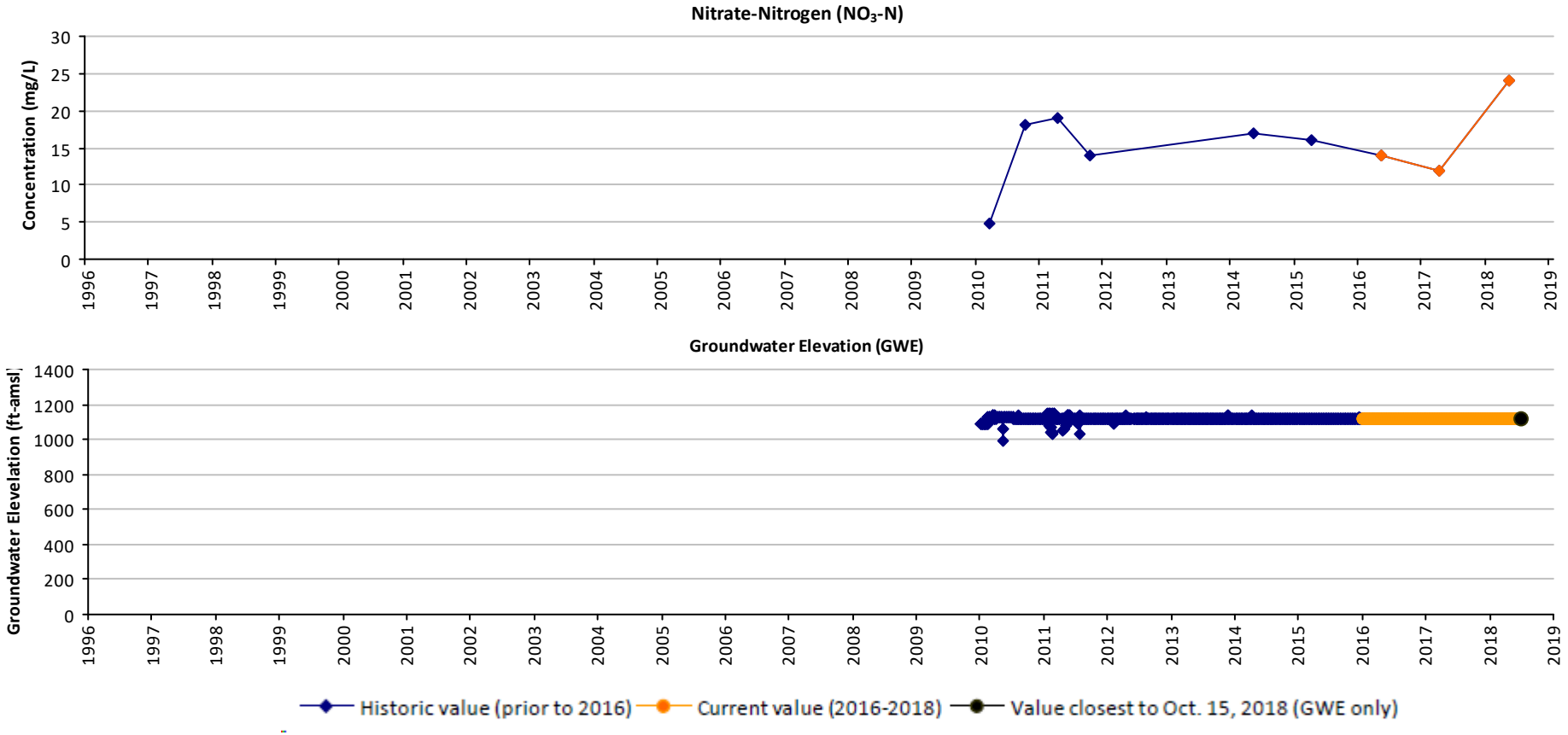
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

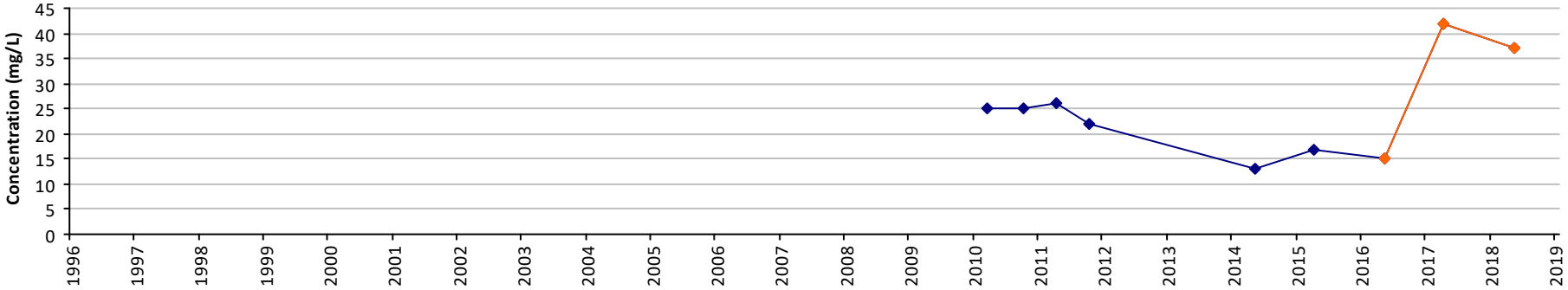


Total Dissolved Solids (TDS)

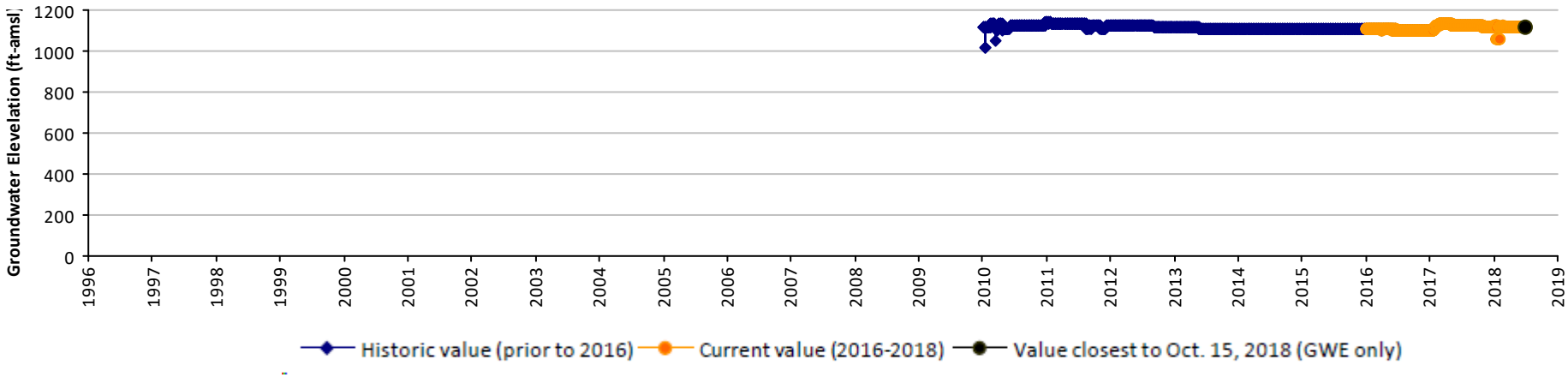


Total Dissolved Solids (TDS)

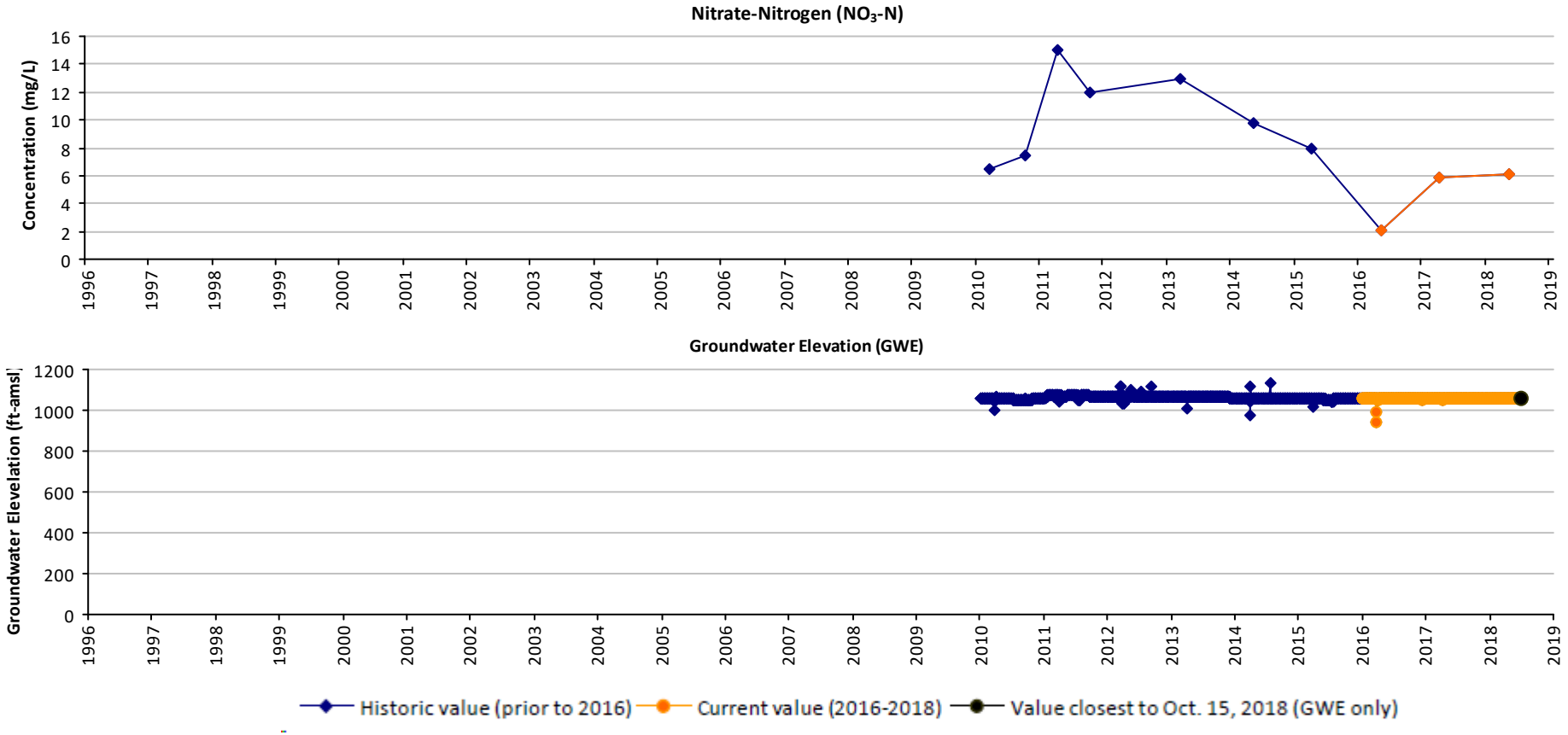
Nitrate-Nitrogen (NO_3-N)



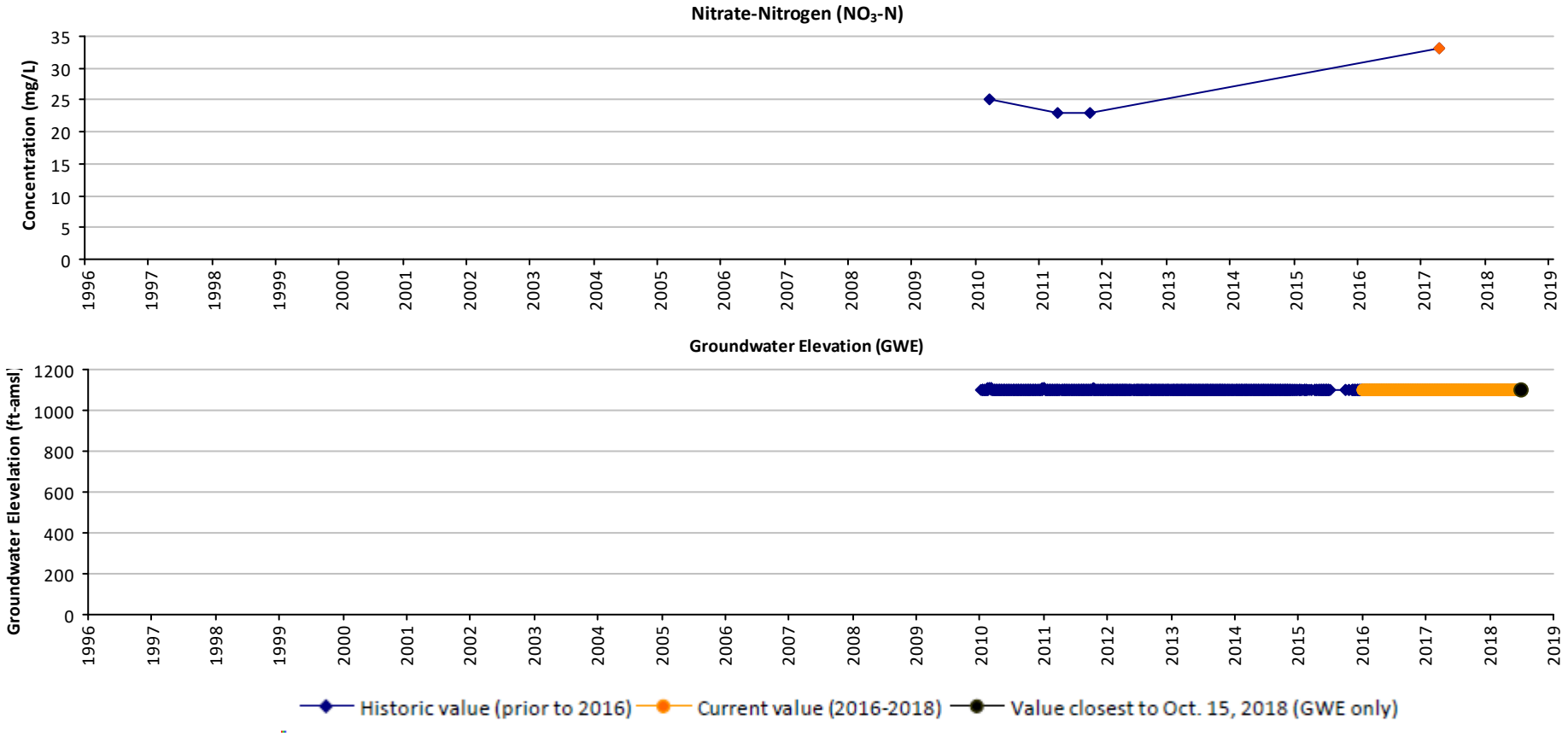
Groundwater Elevation (GWE)



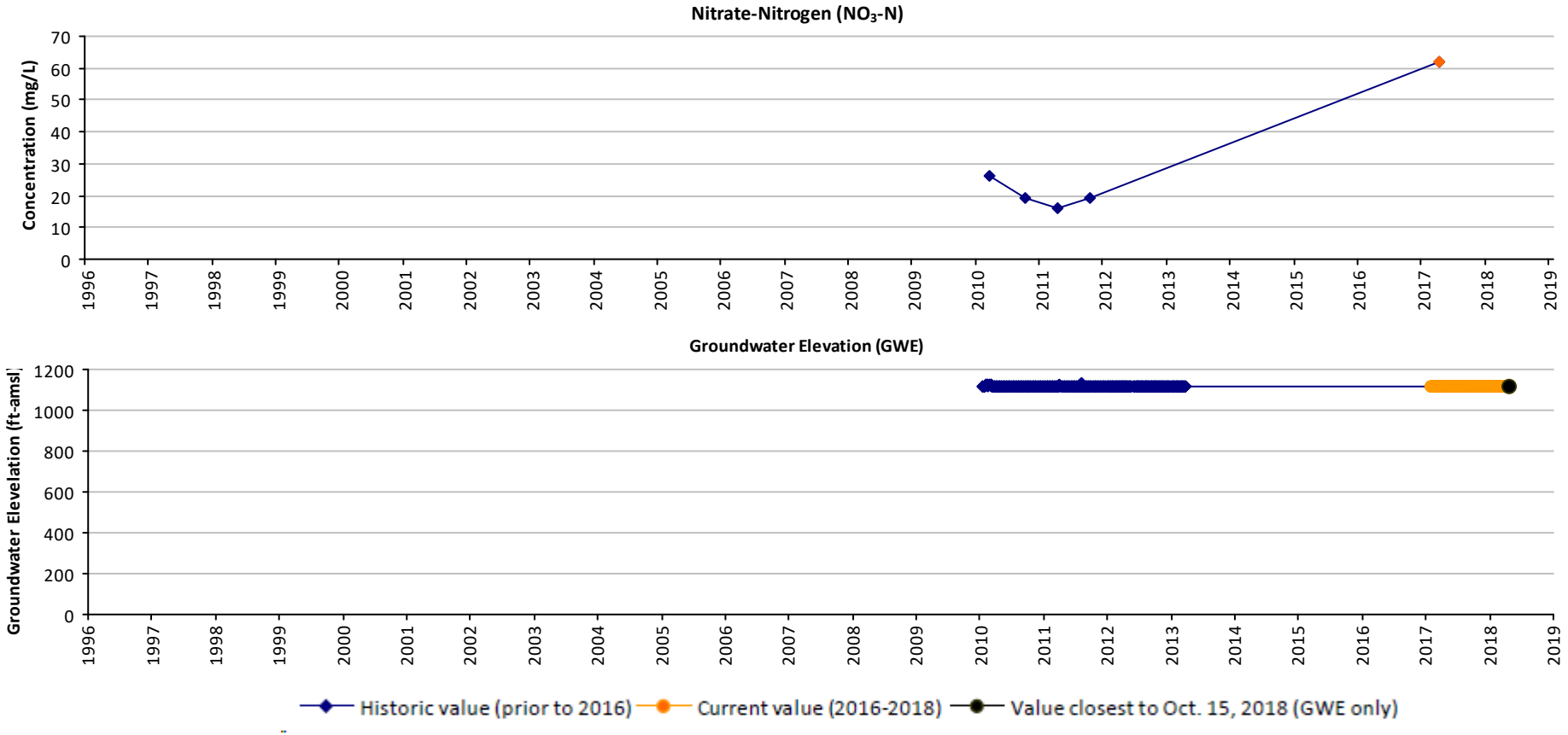
Total Dissolved Solids (TDS)



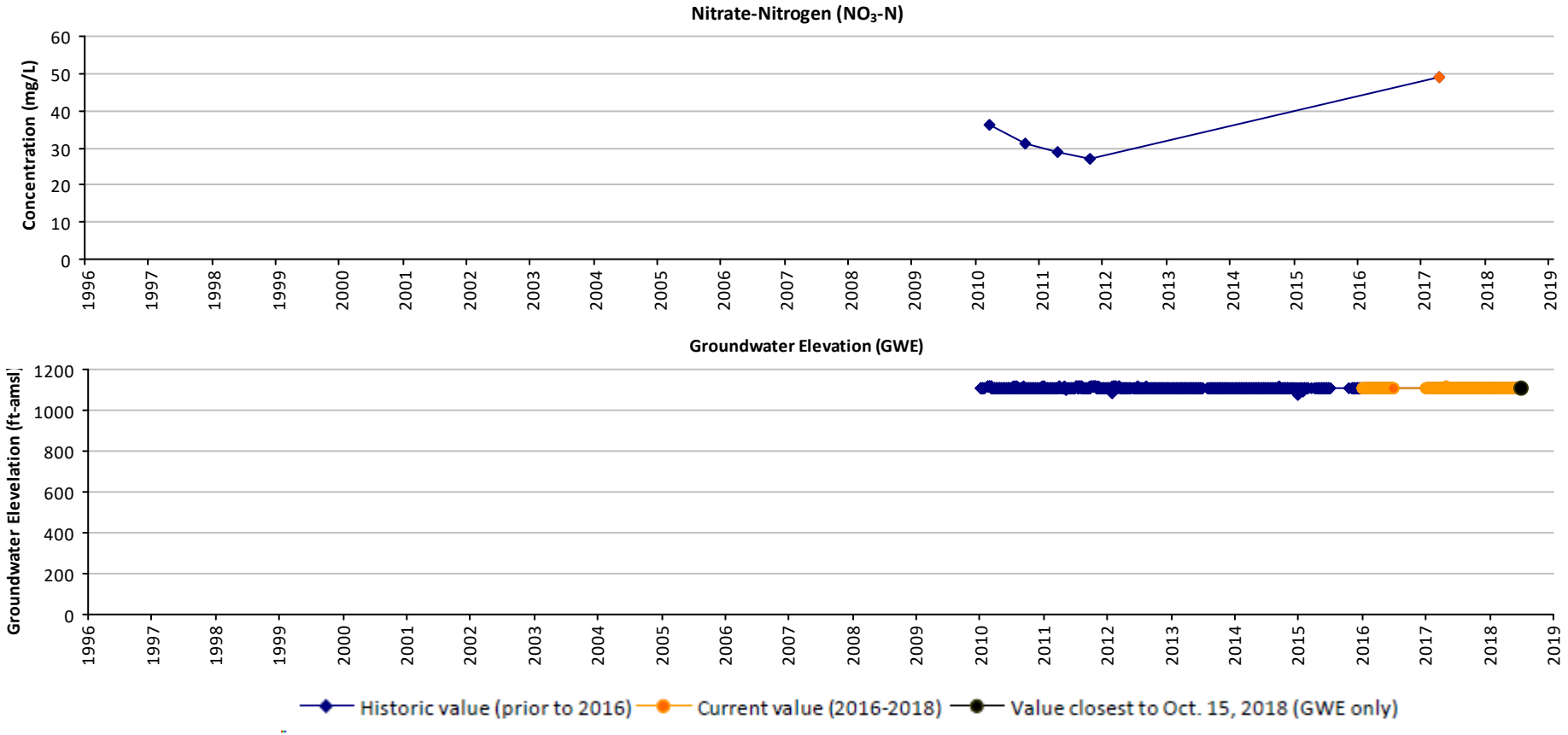
Total Dissolved Solids (TDS)



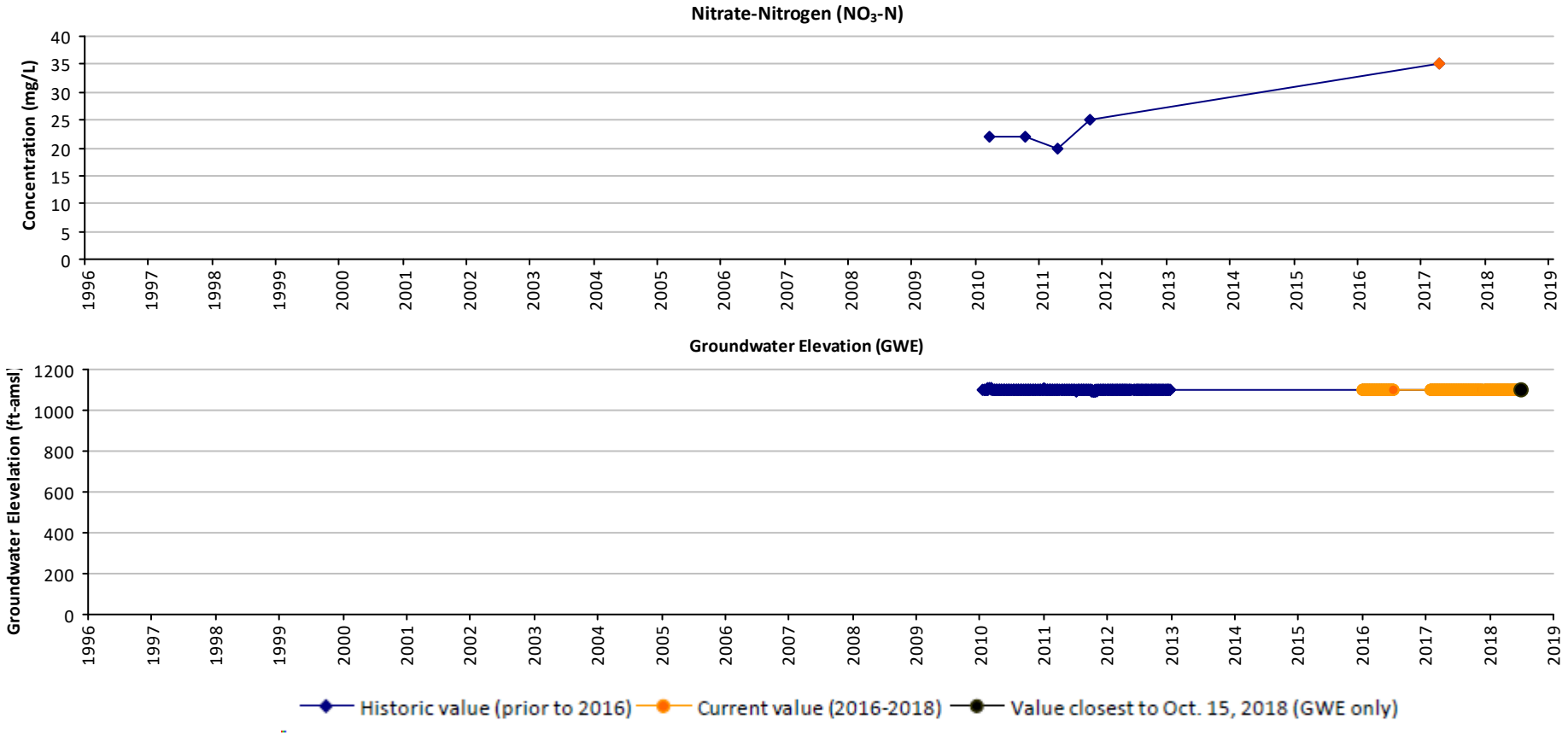
Total Dissolved Solids (TDS)

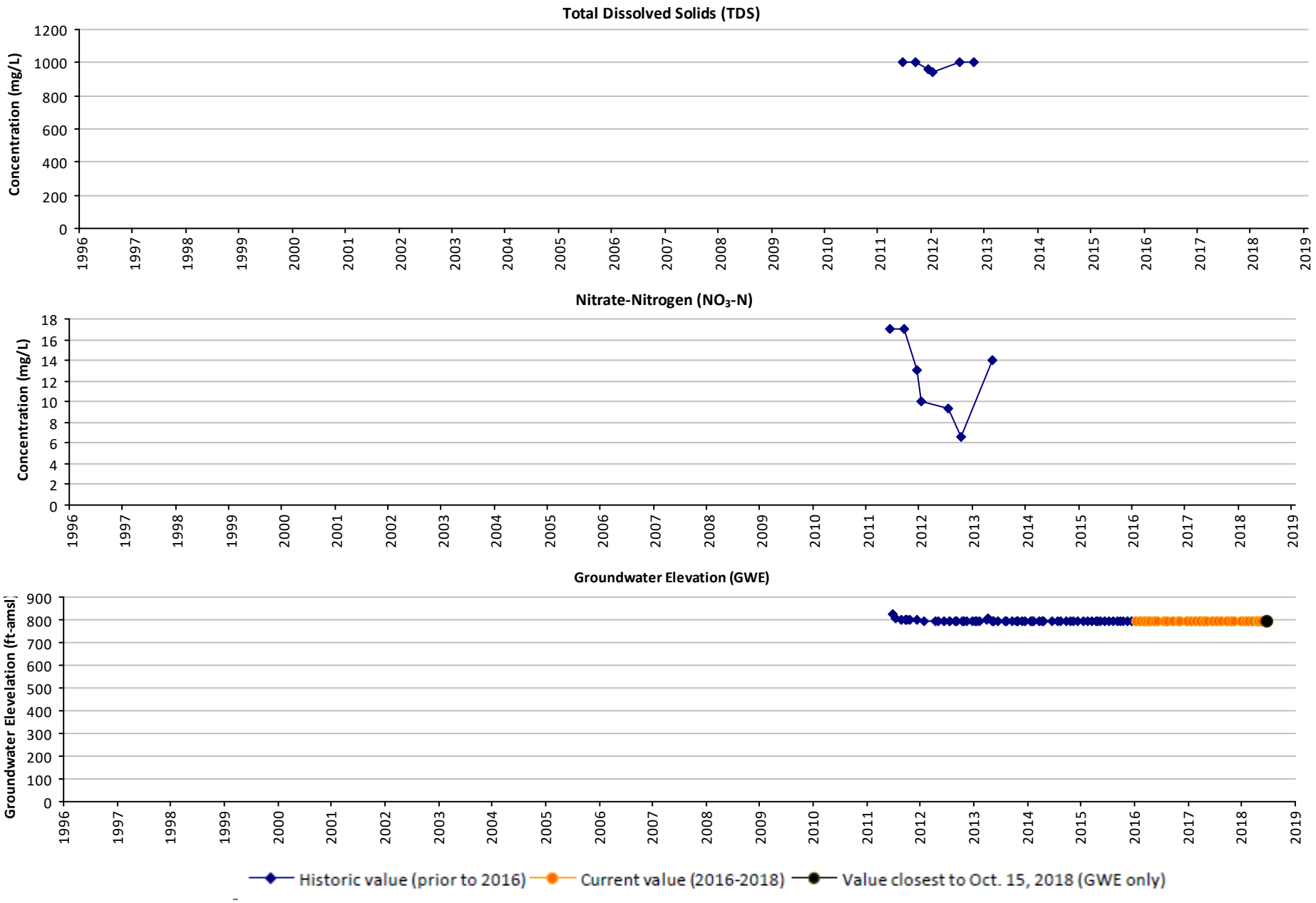


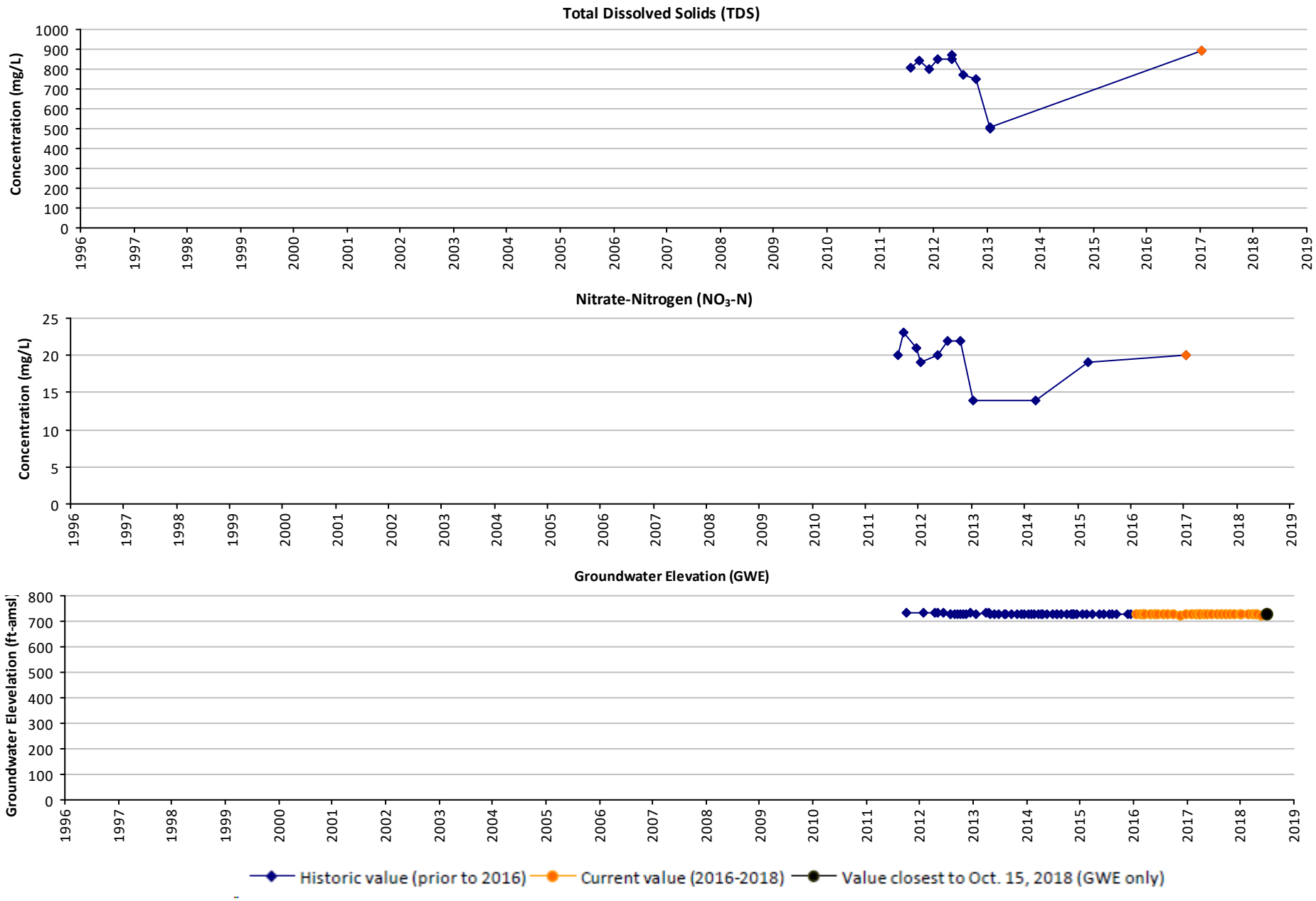
Total Dissolved Solids (TDS)

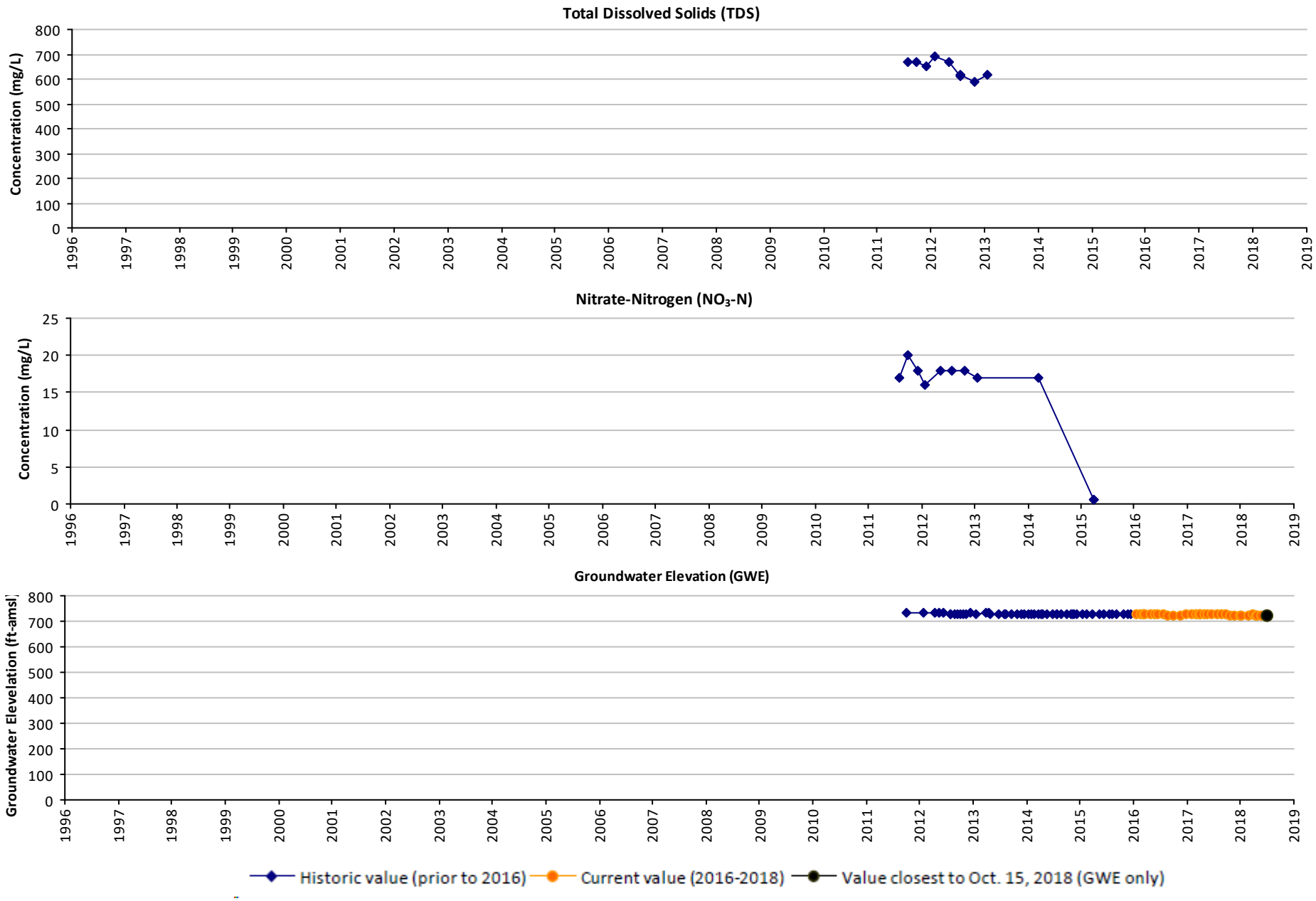


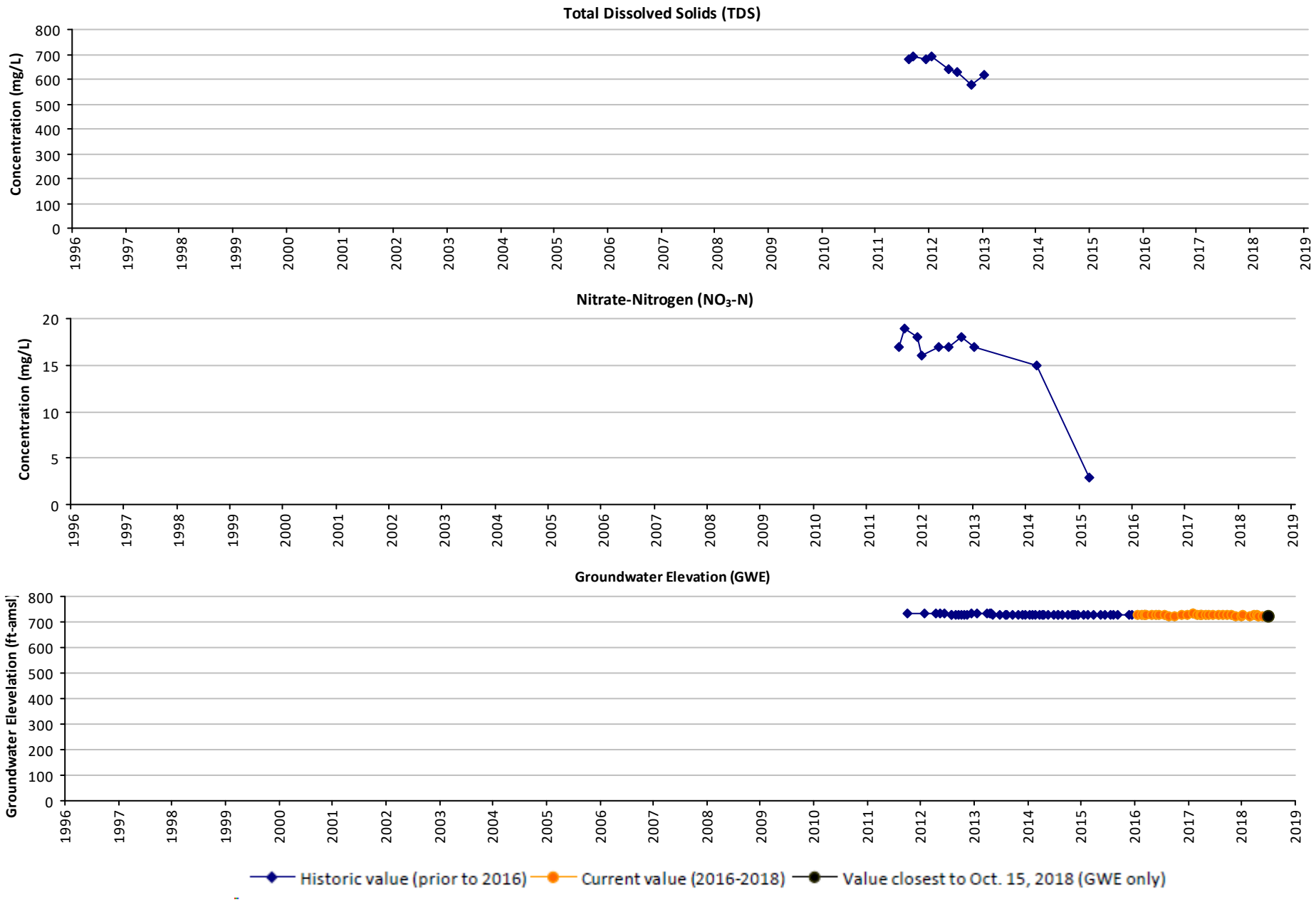
Total Dissolved Solids (TDS)

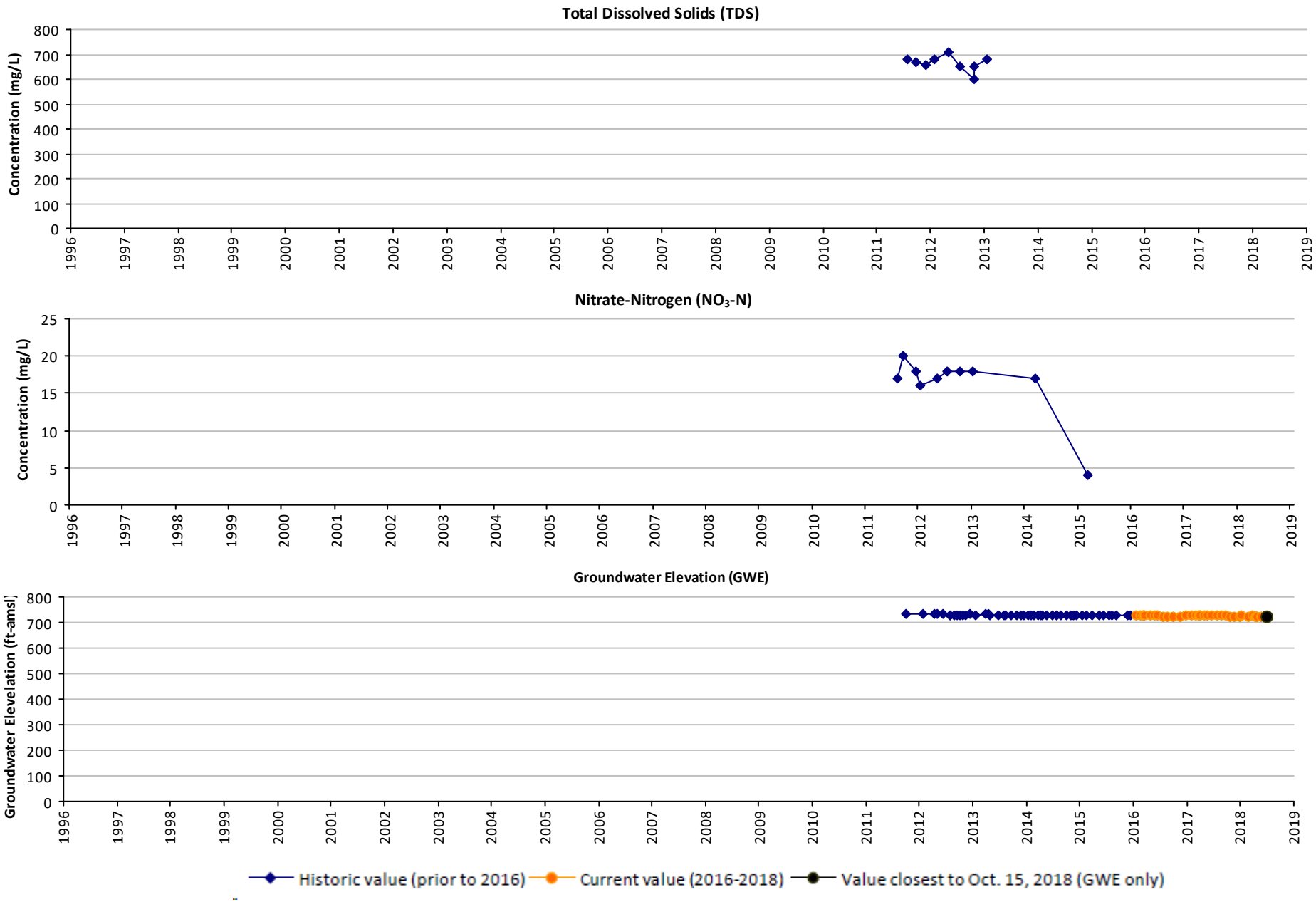


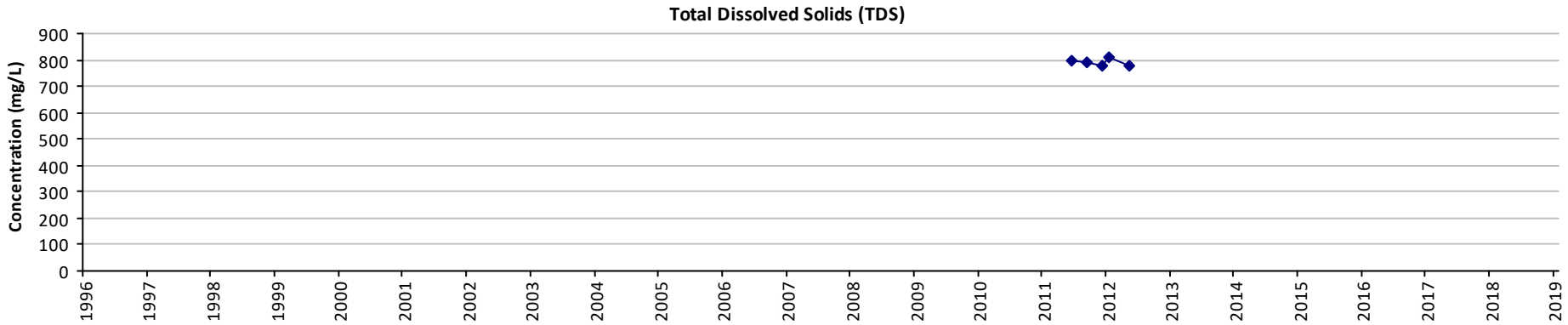

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
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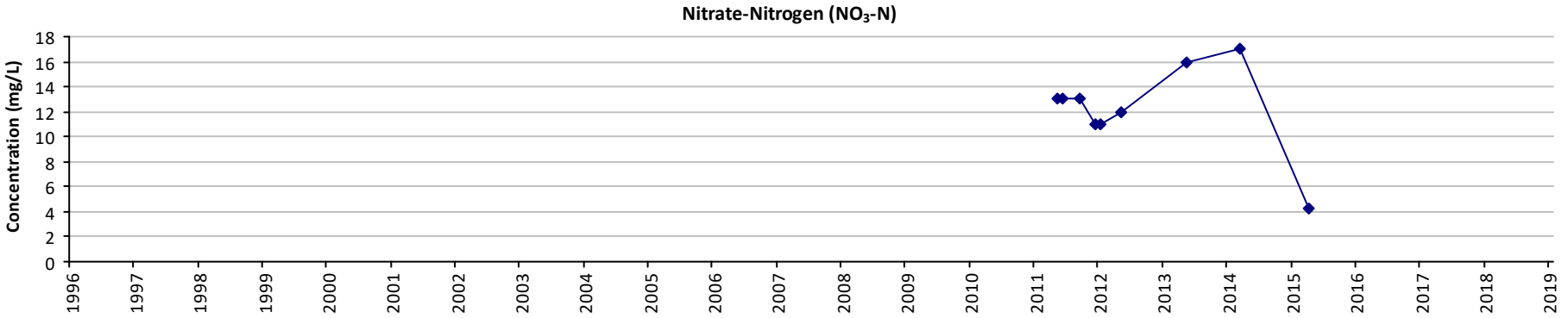
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
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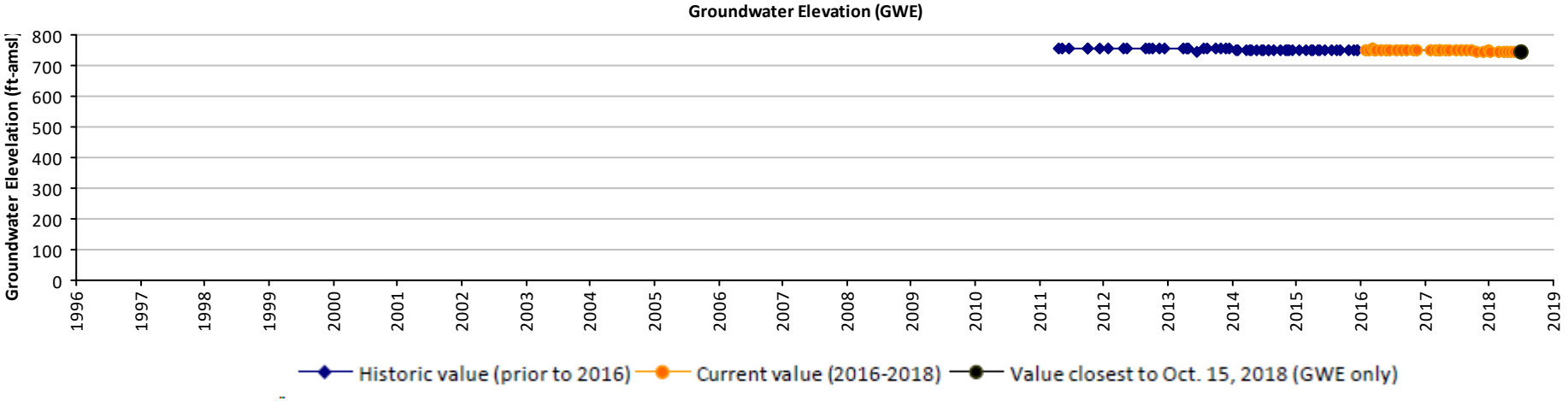
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
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2002
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2012
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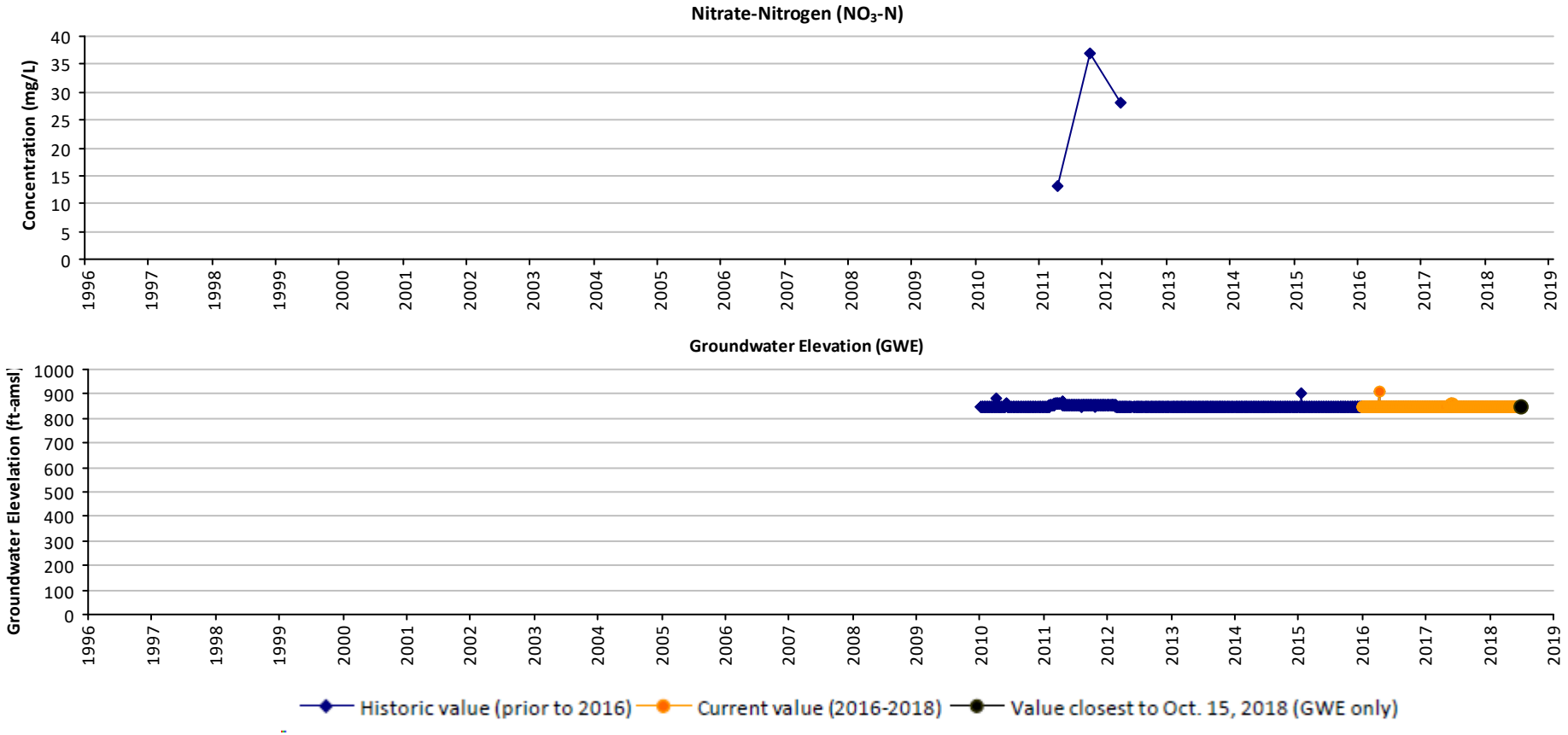
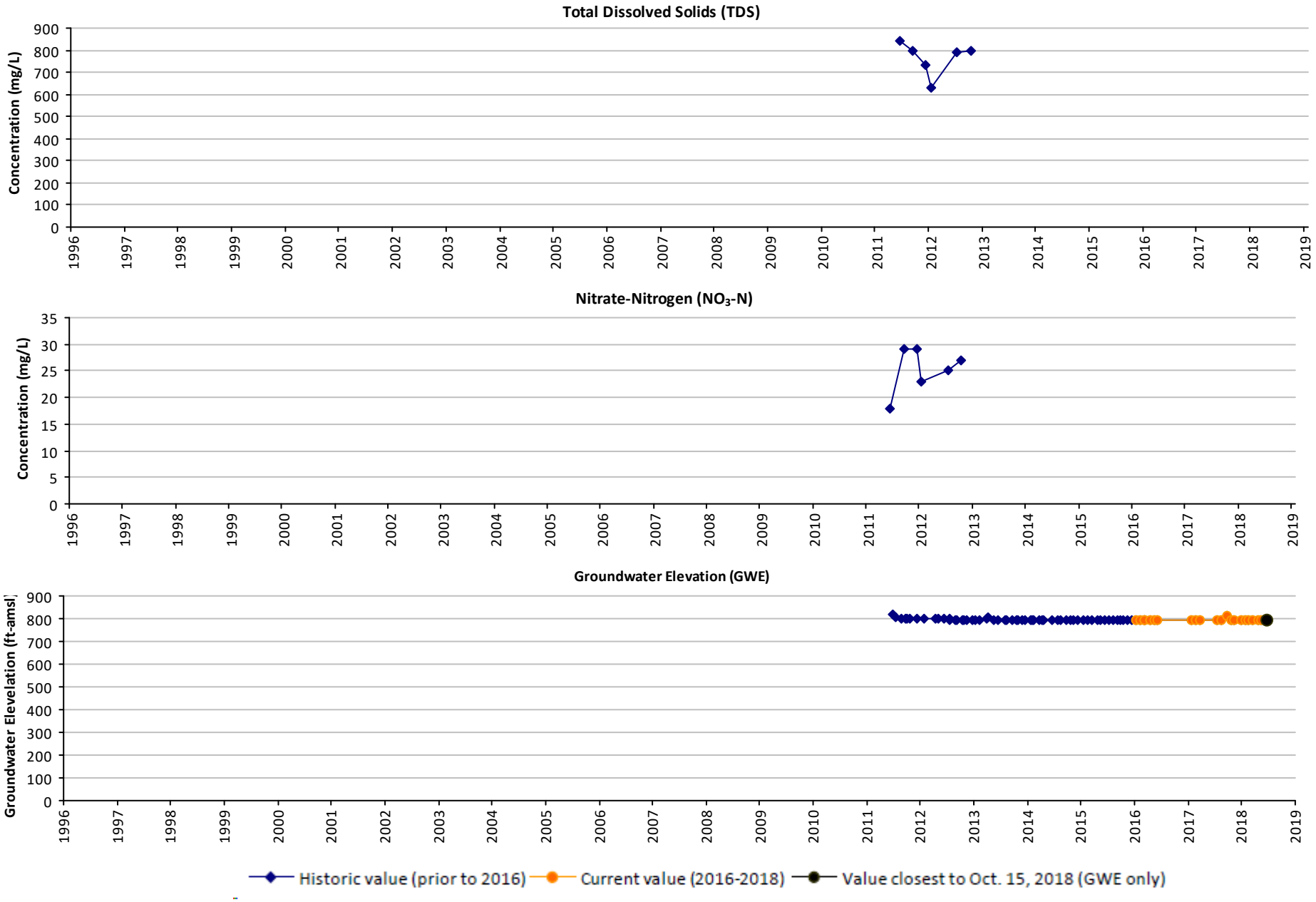
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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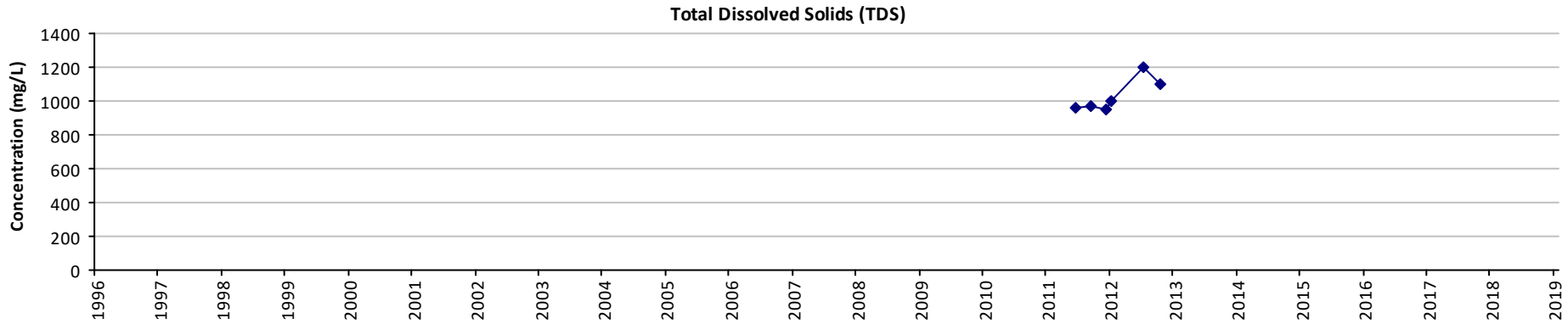
Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
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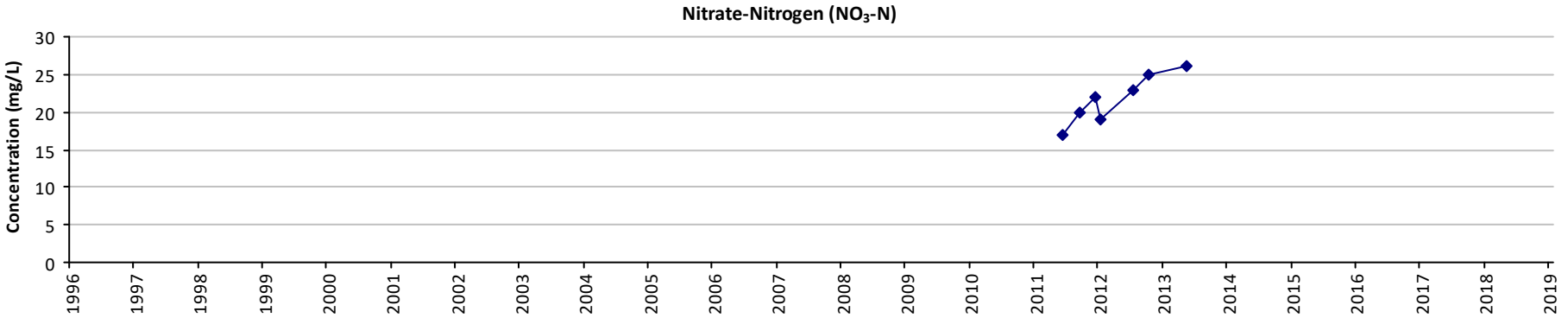
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
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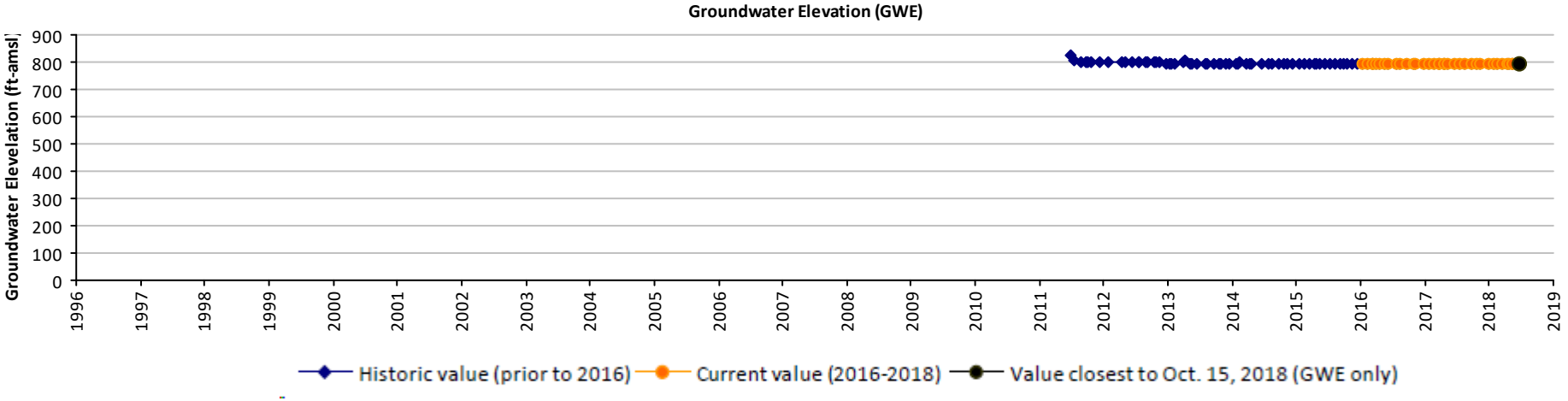
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
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1996
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1998
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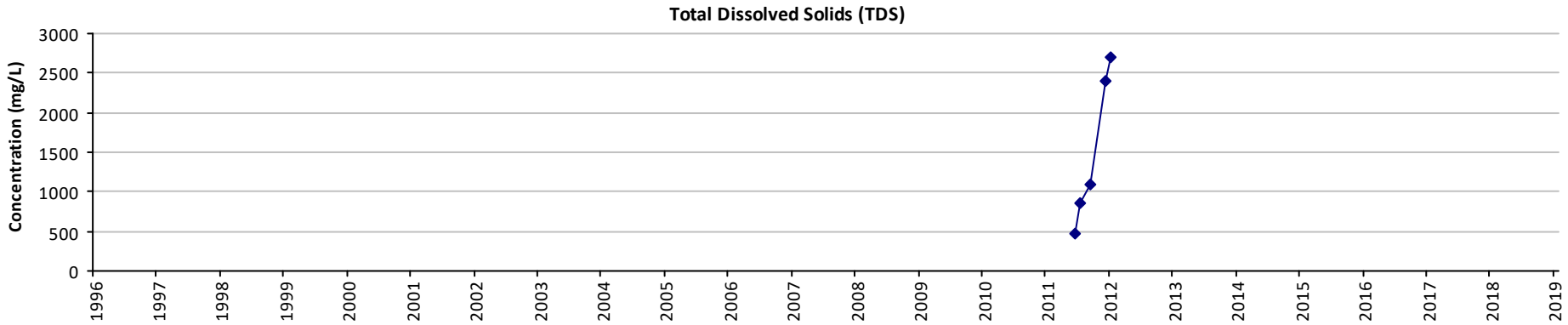
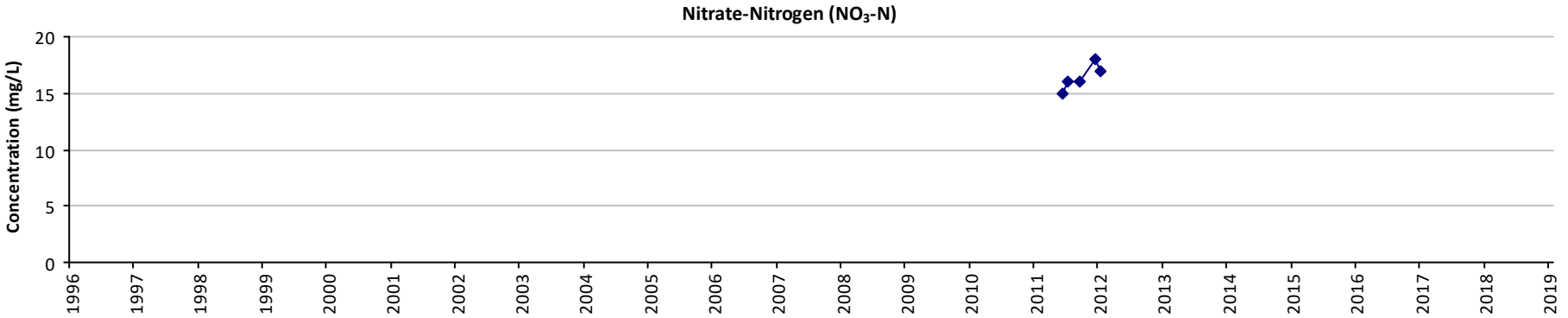
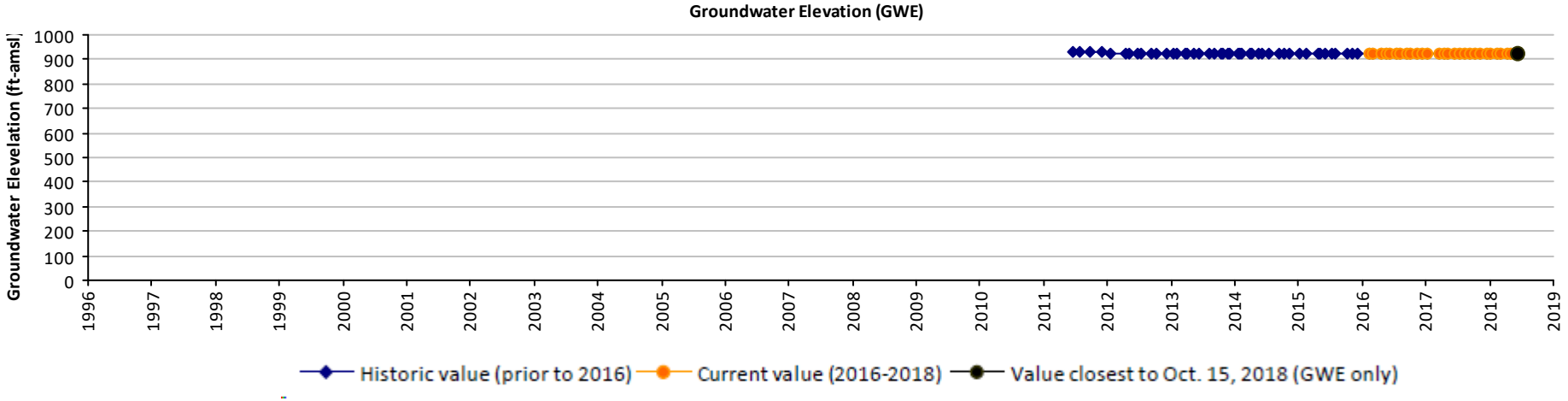
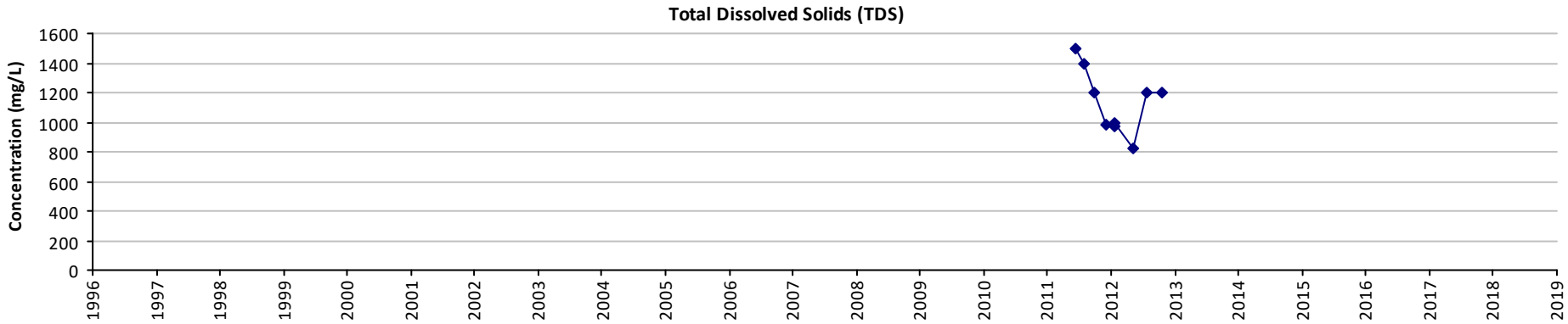
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
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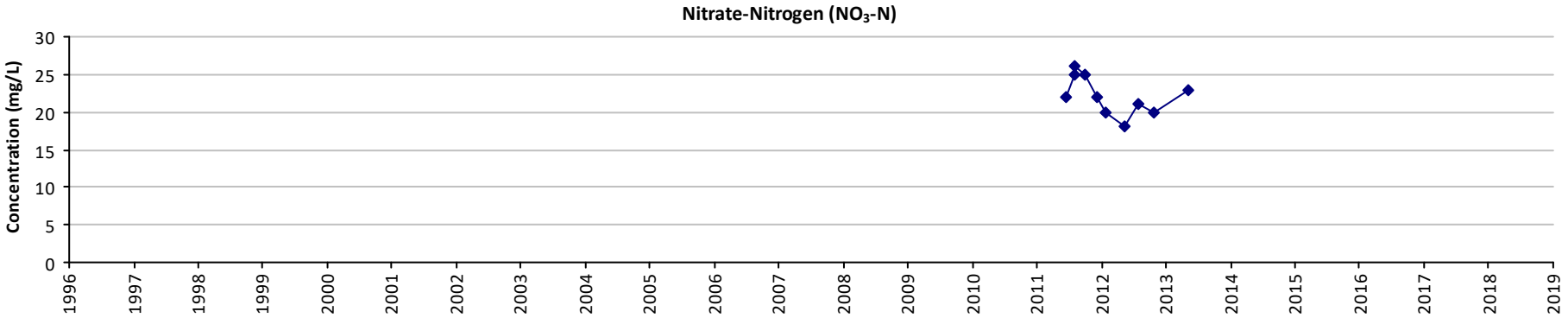
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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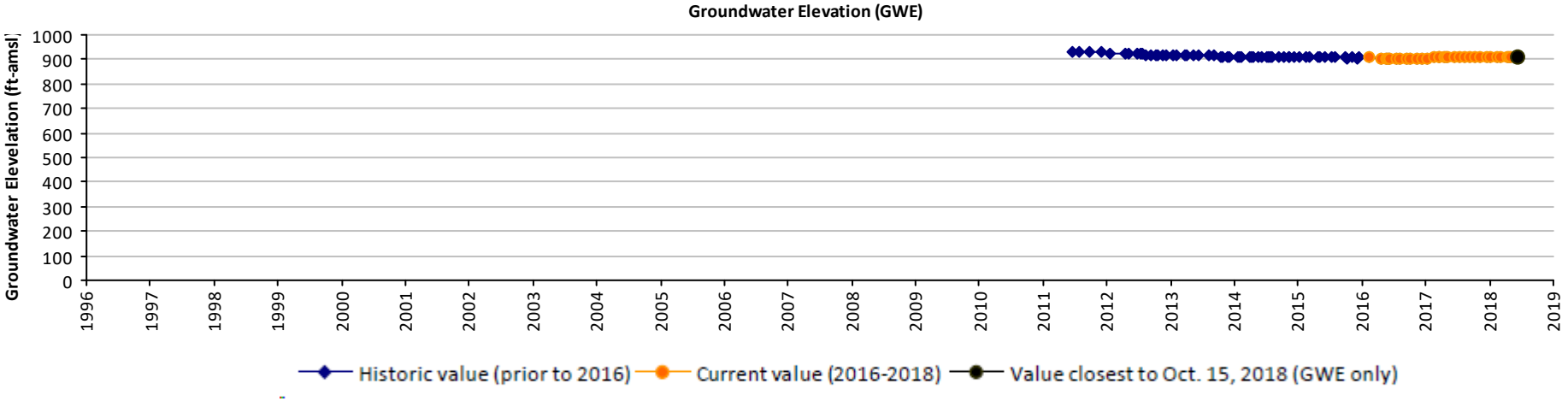
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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100
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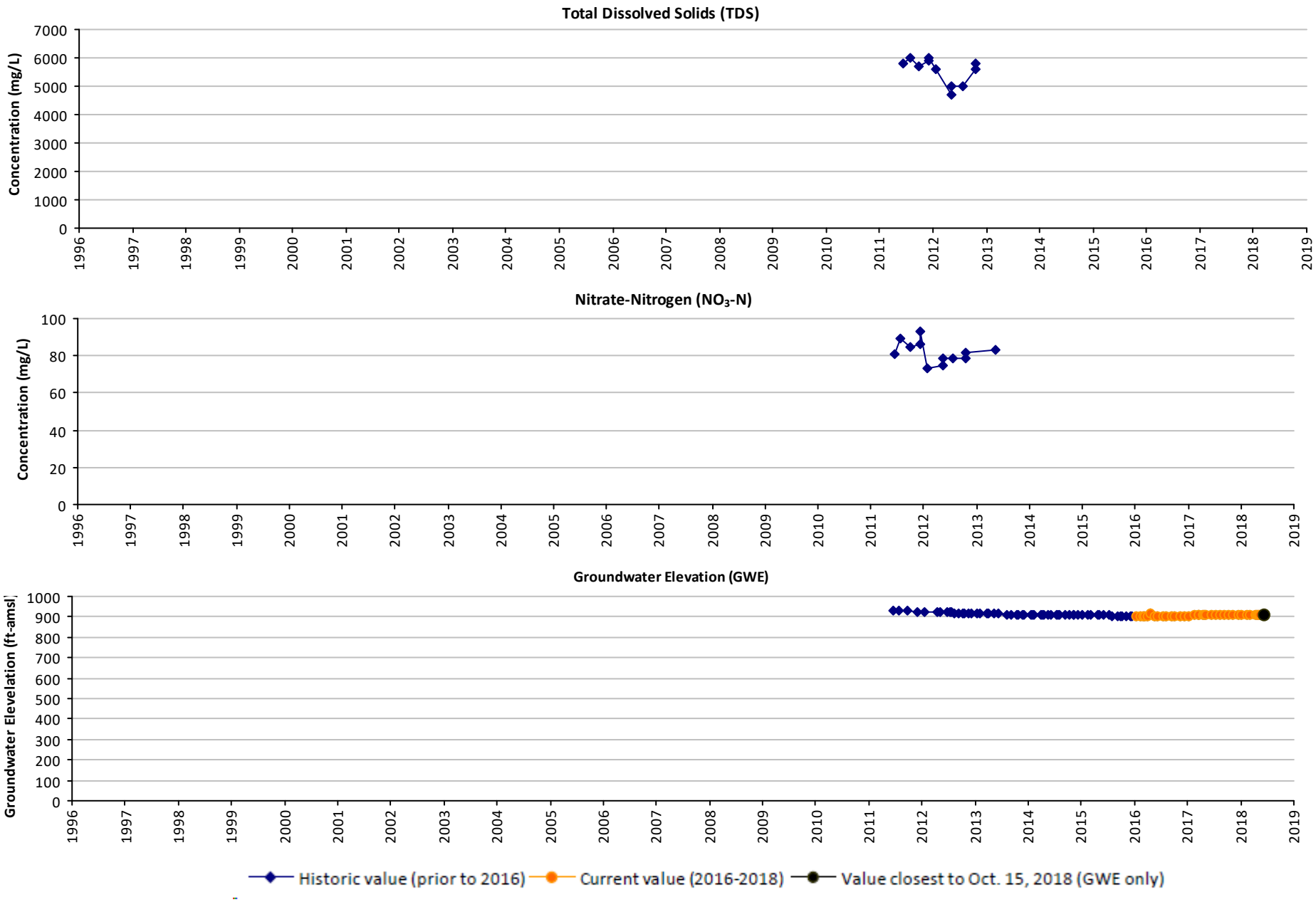
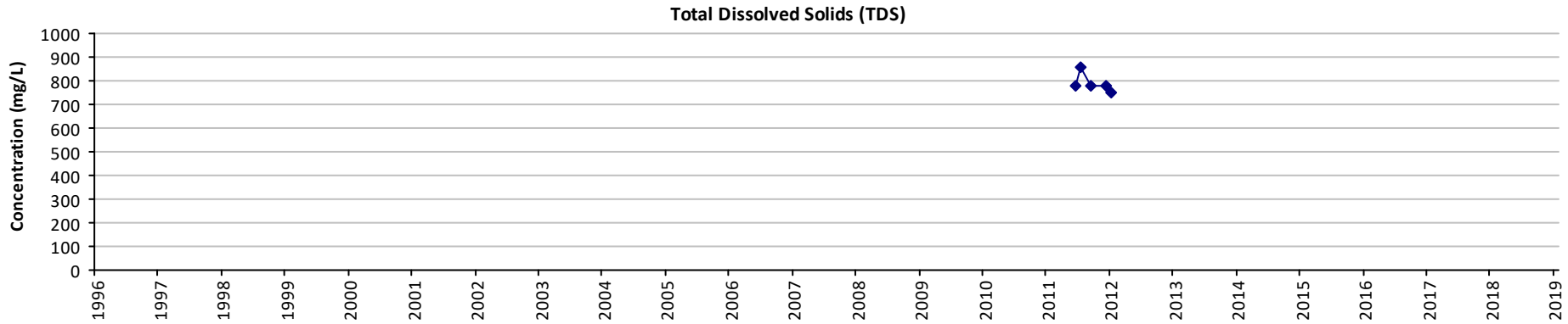
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
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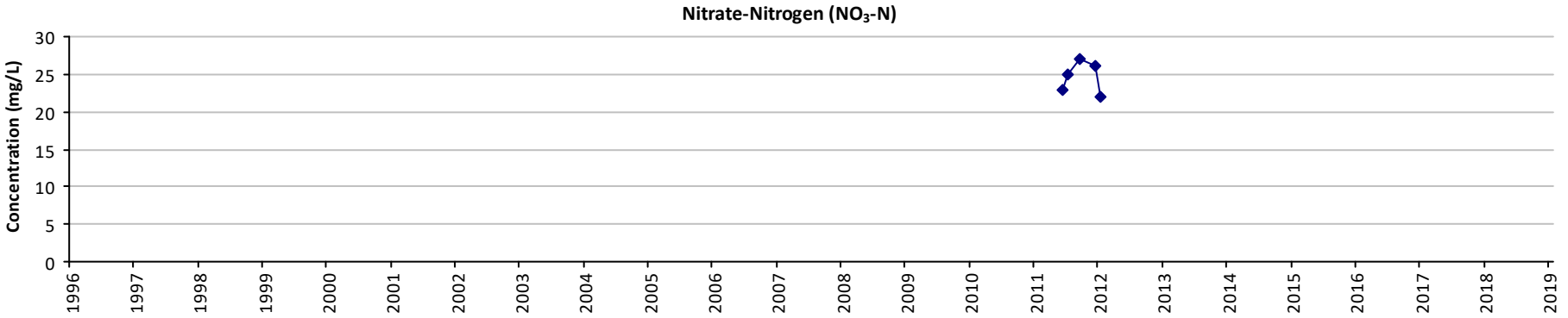
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
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25
30
1996
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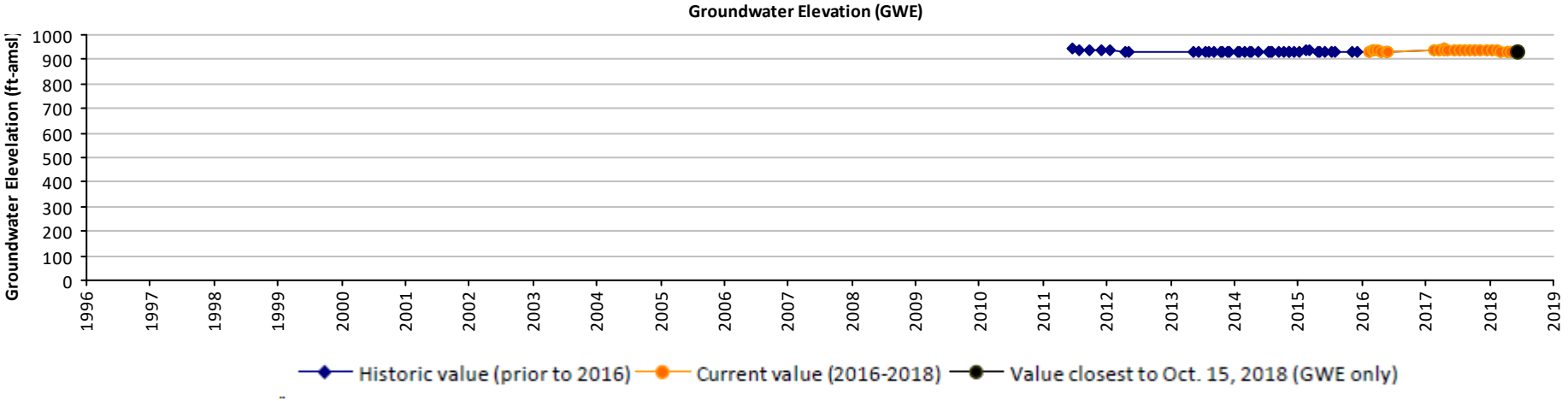
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
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1000
1996
1997
1998
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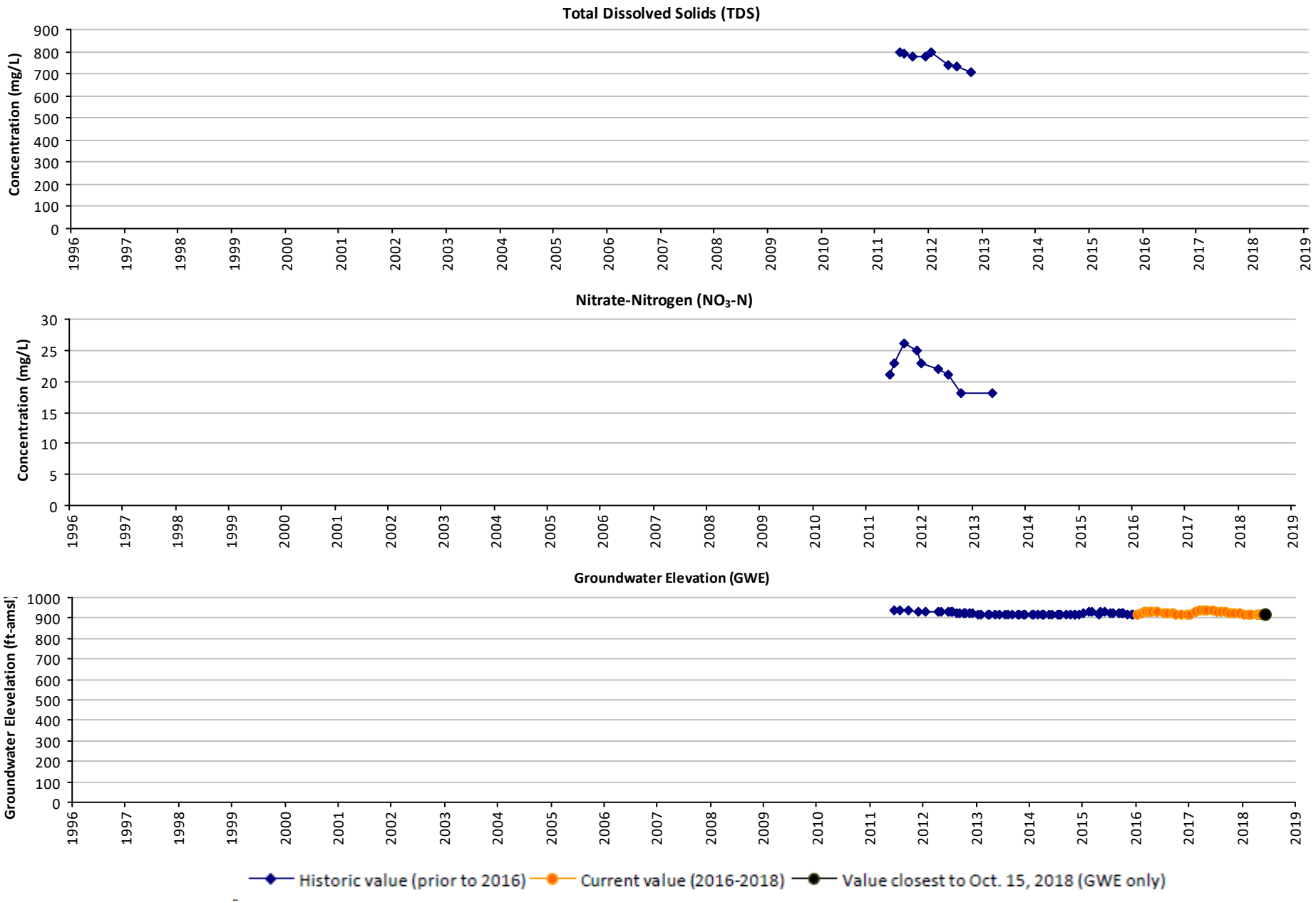
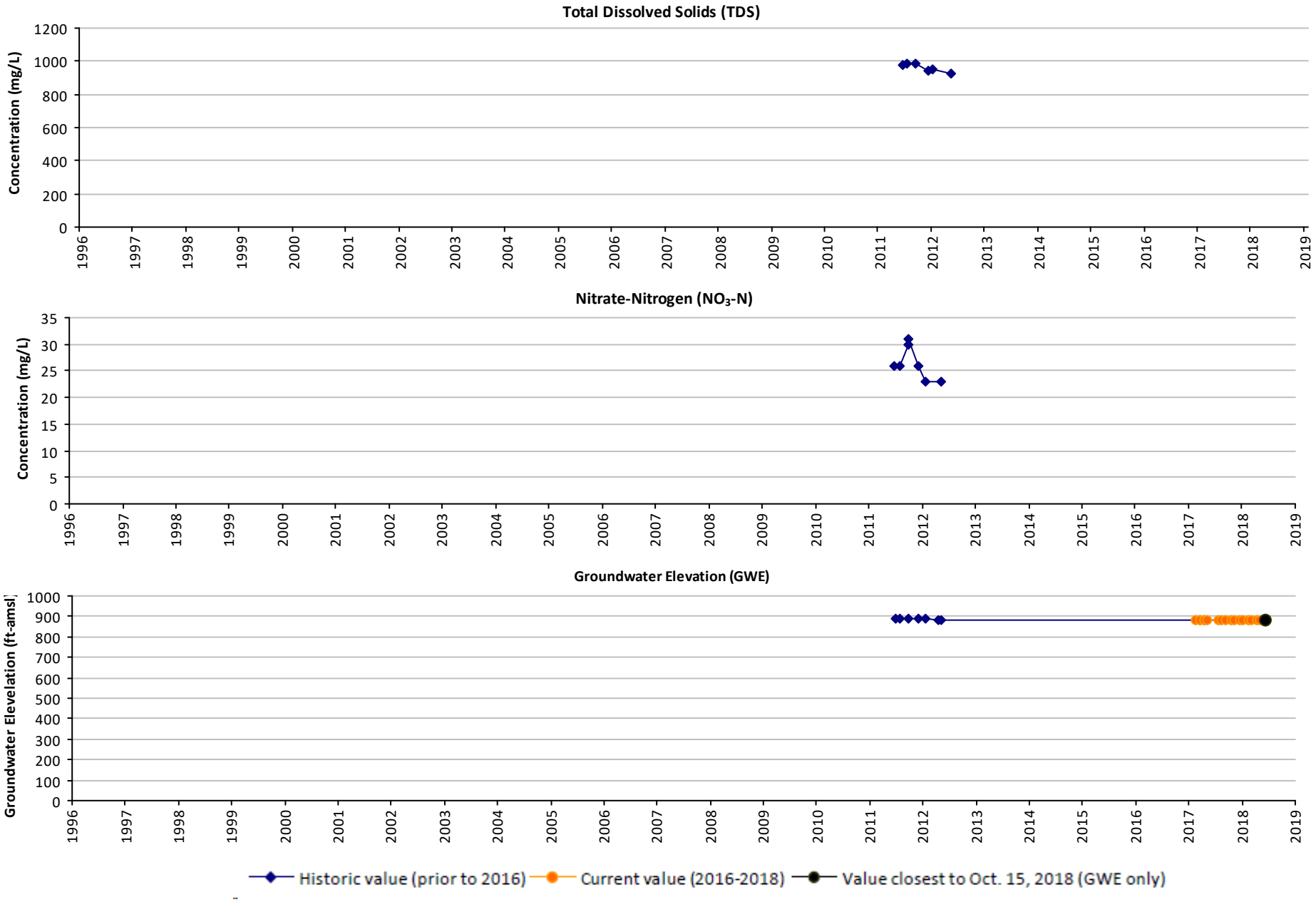
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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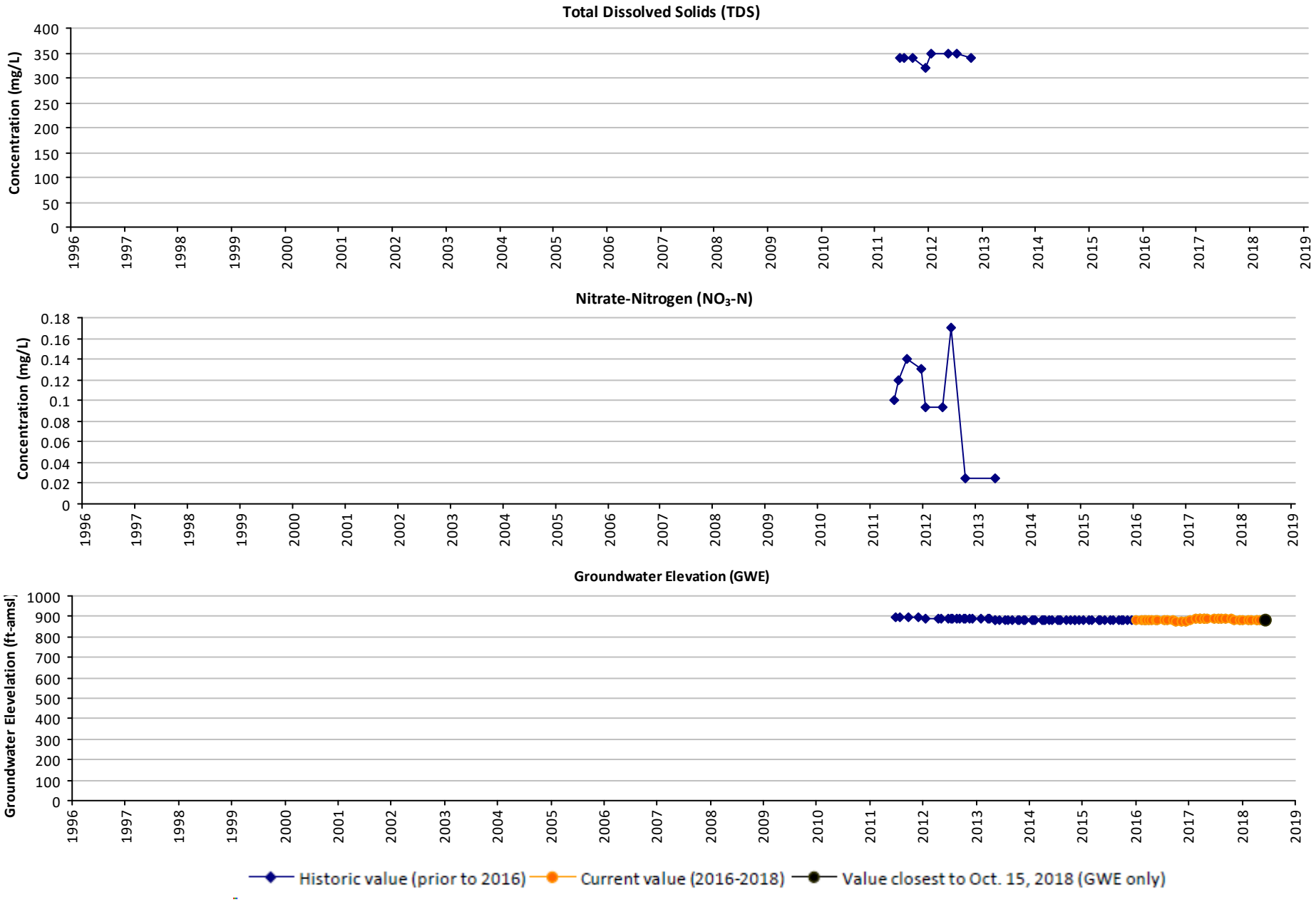
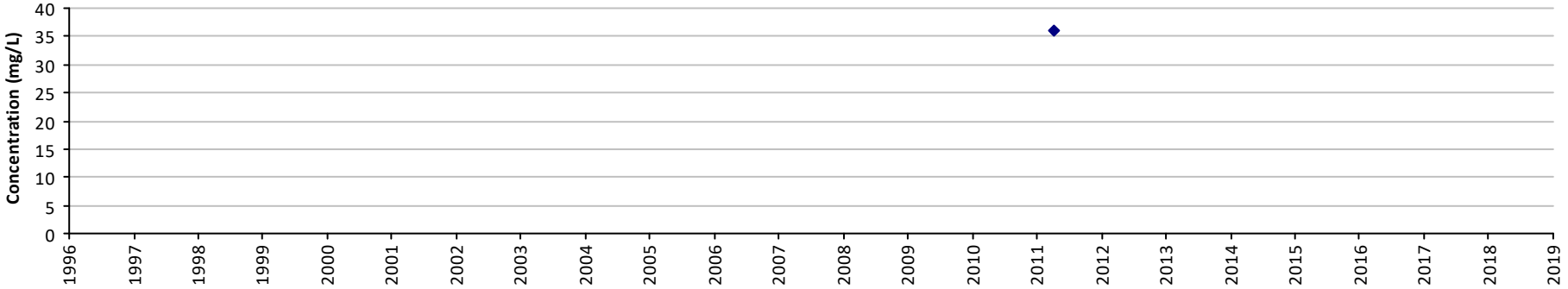
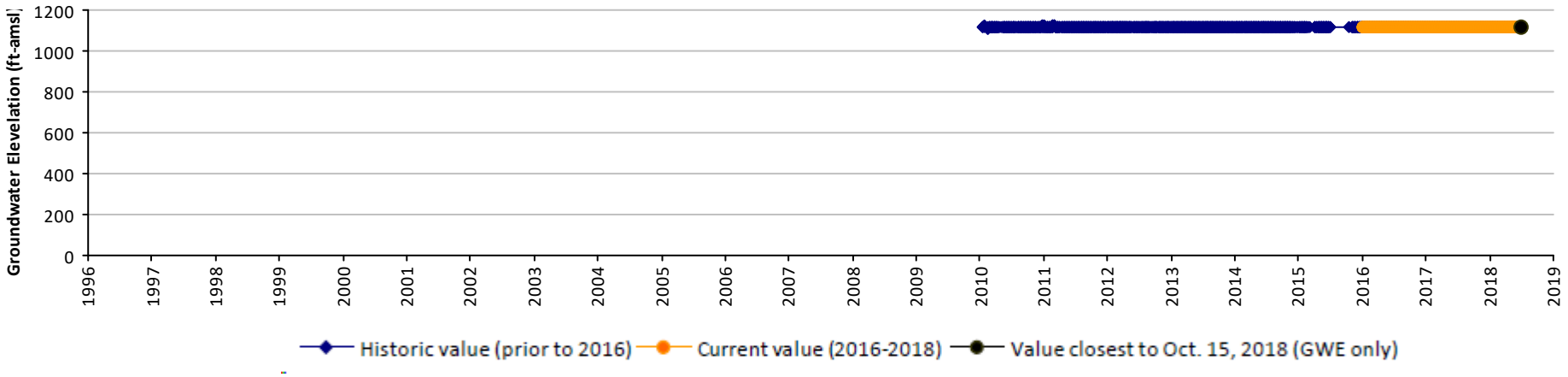

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

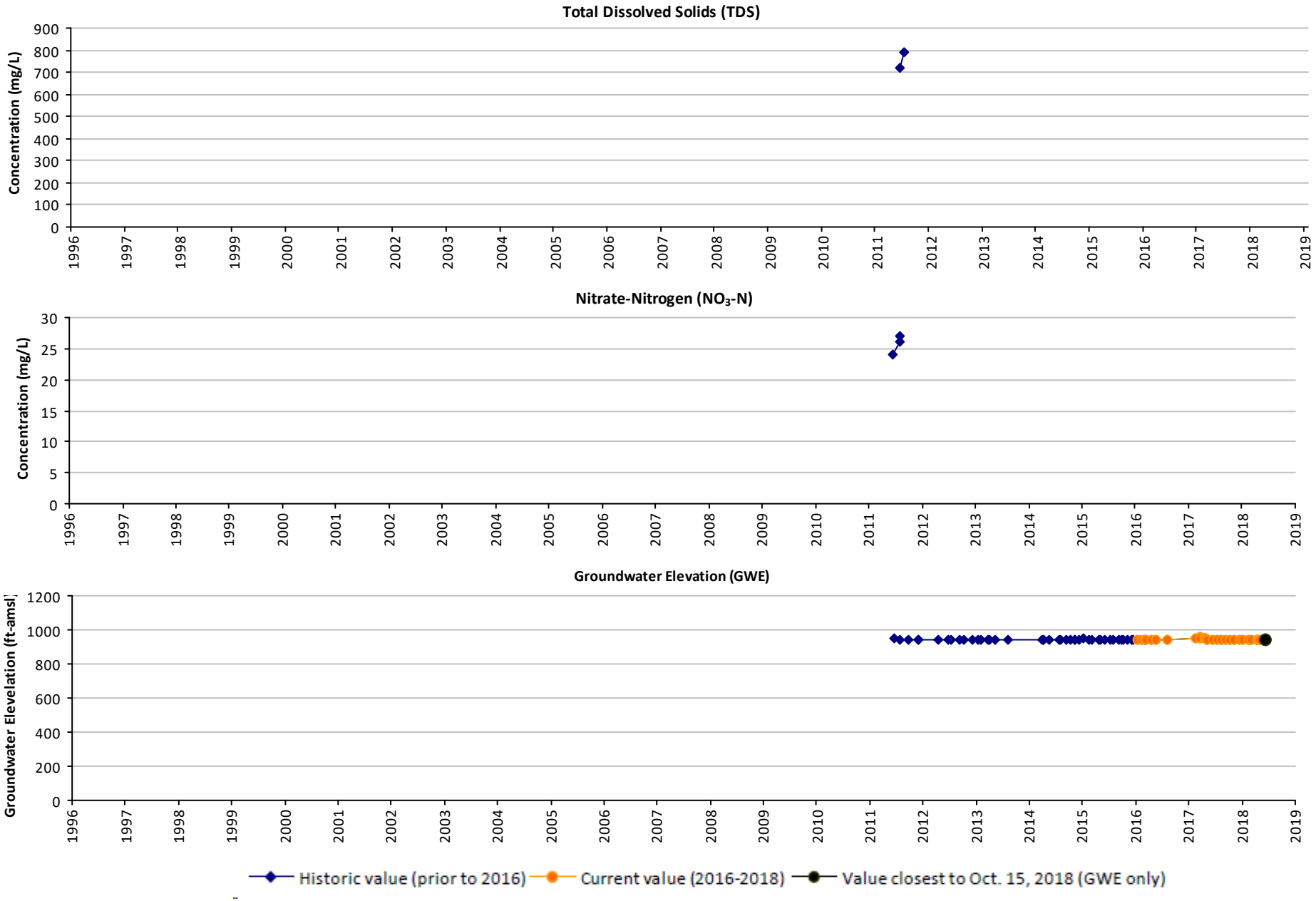
Total Dissolved Solids (TDS)

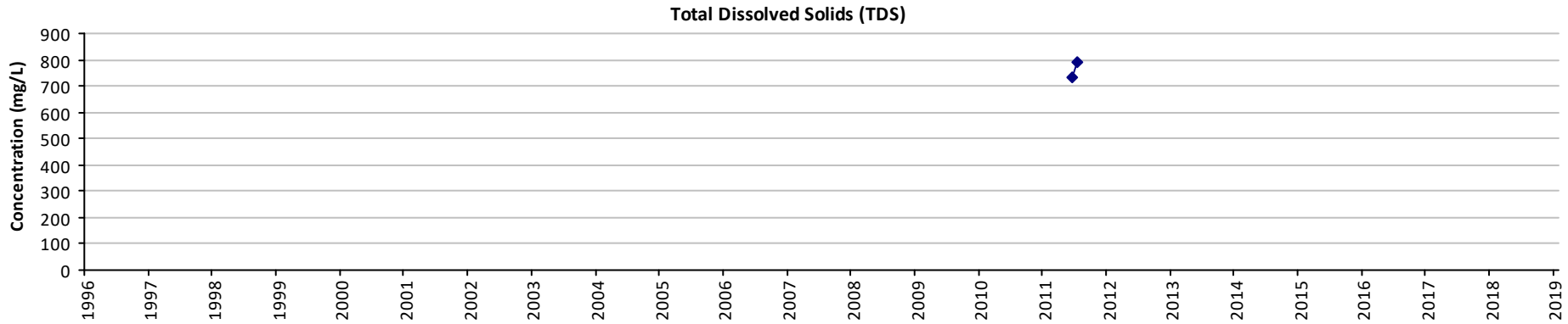
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
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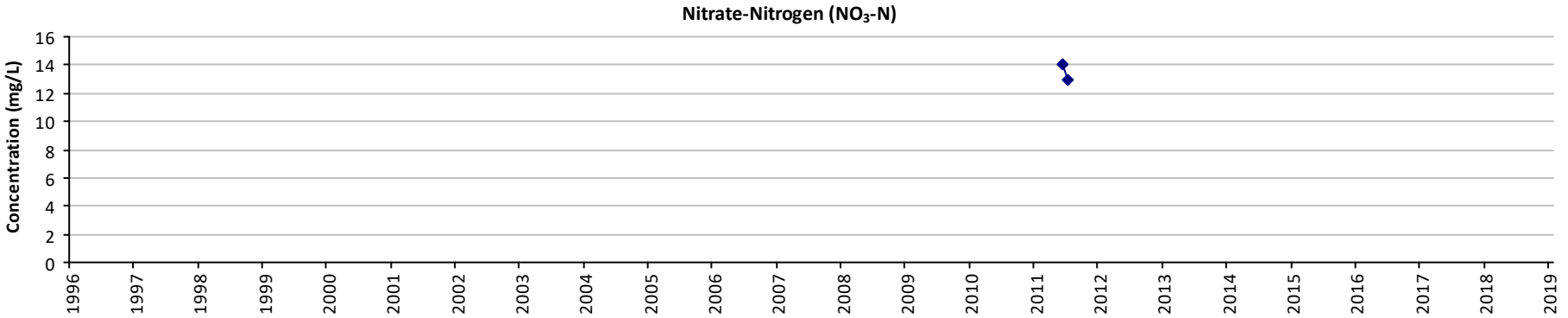
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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2
4
6
8
10
12
14
16
1996
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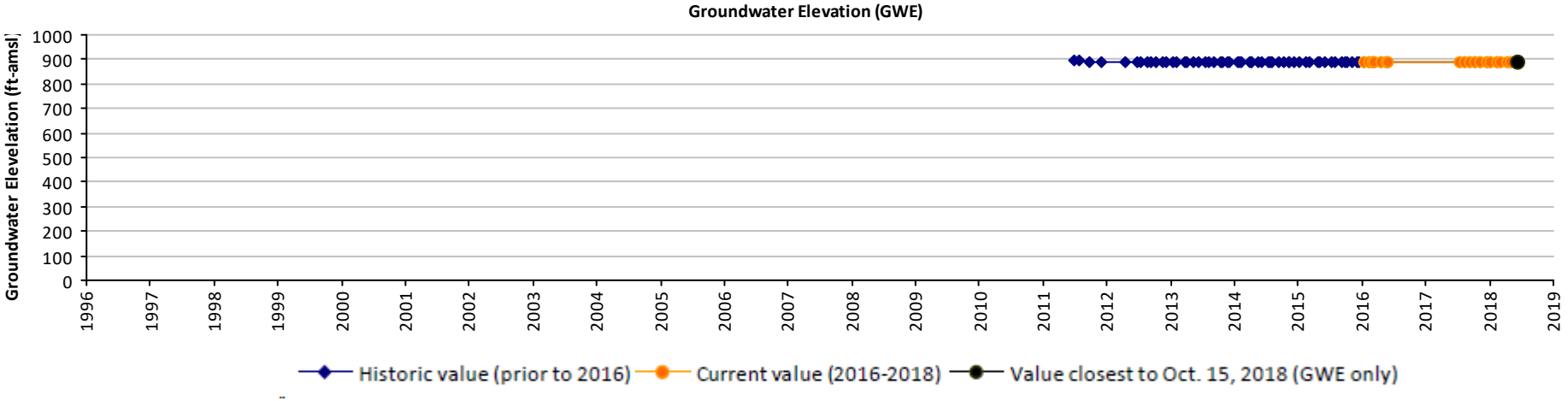
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
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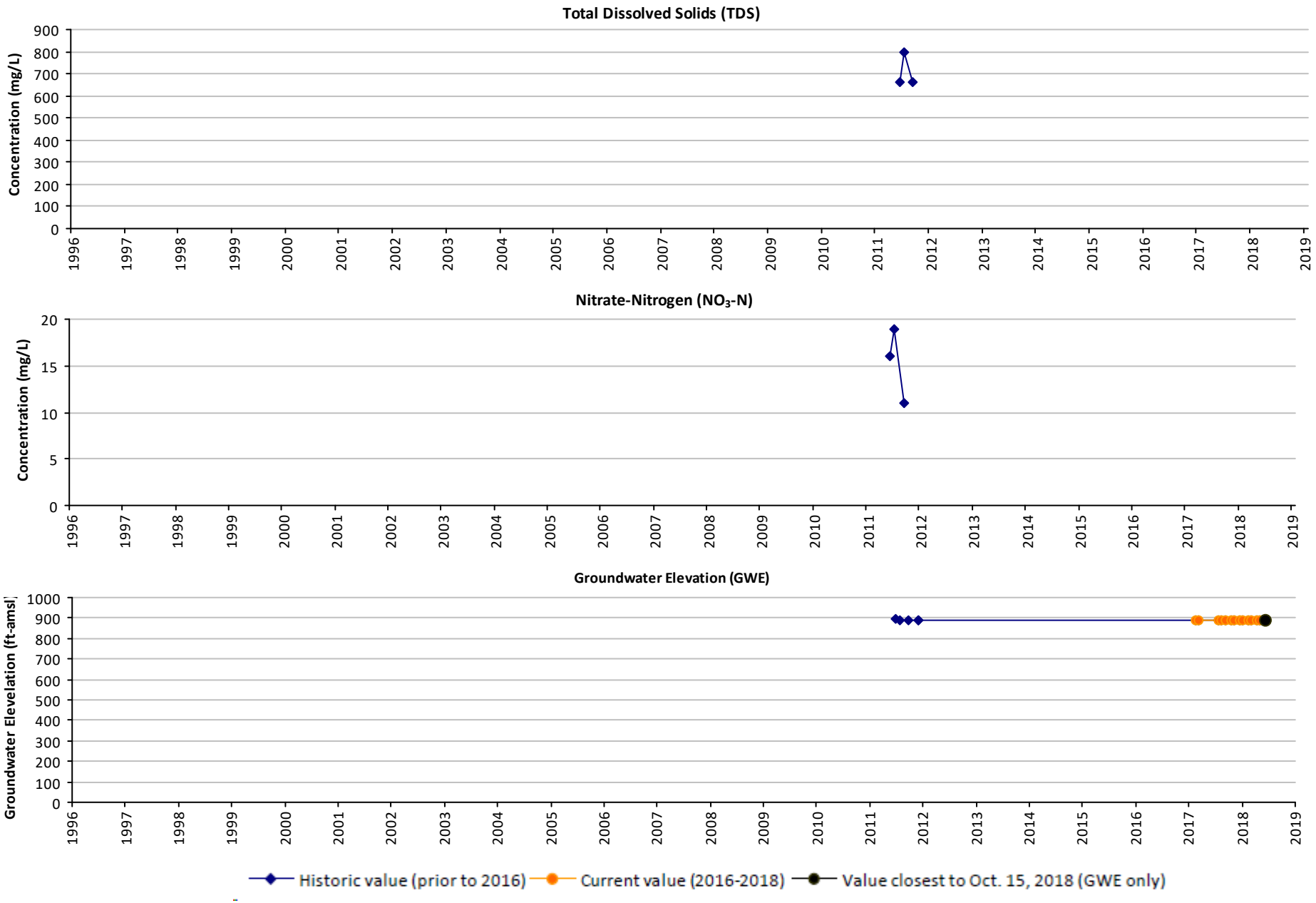
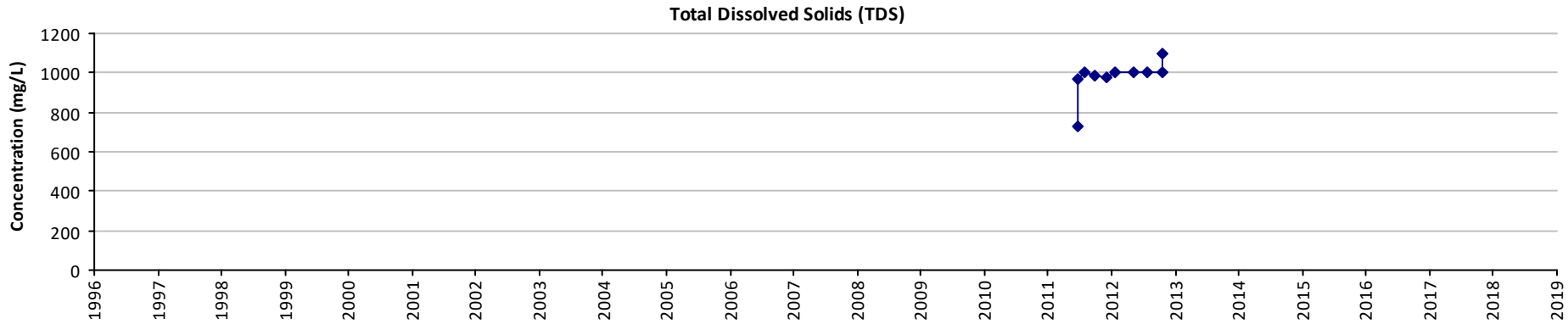
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
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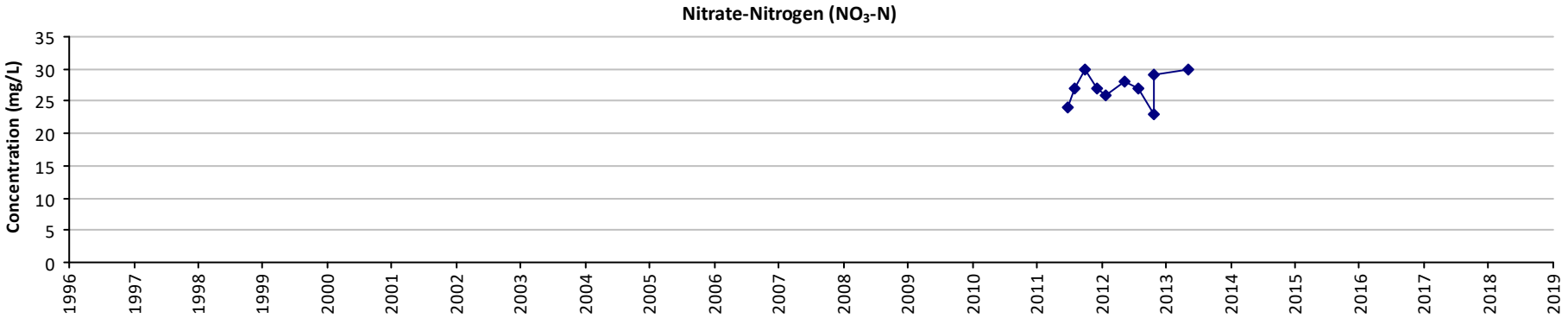
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
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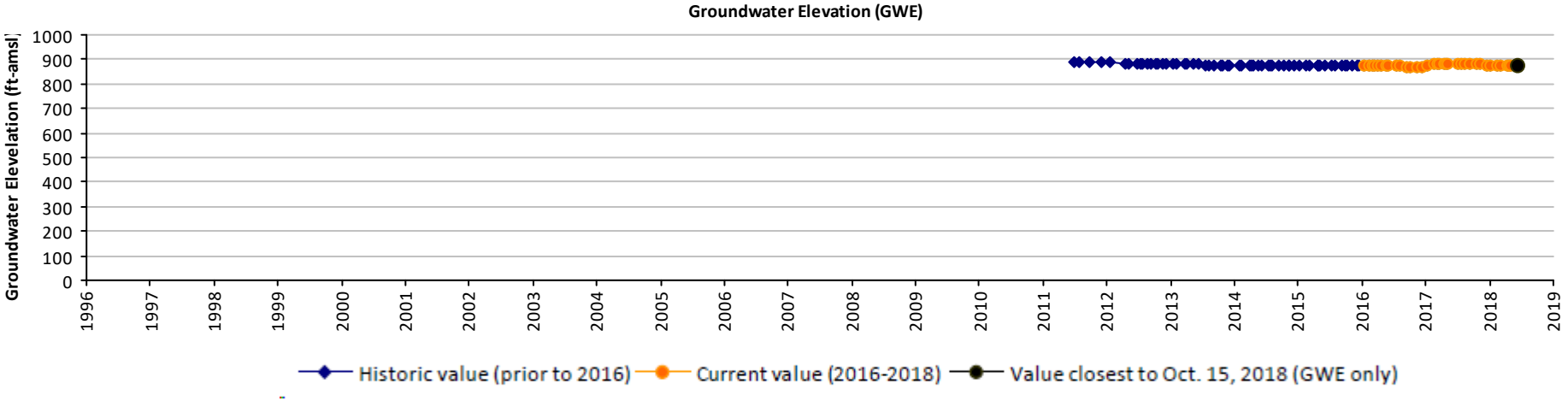
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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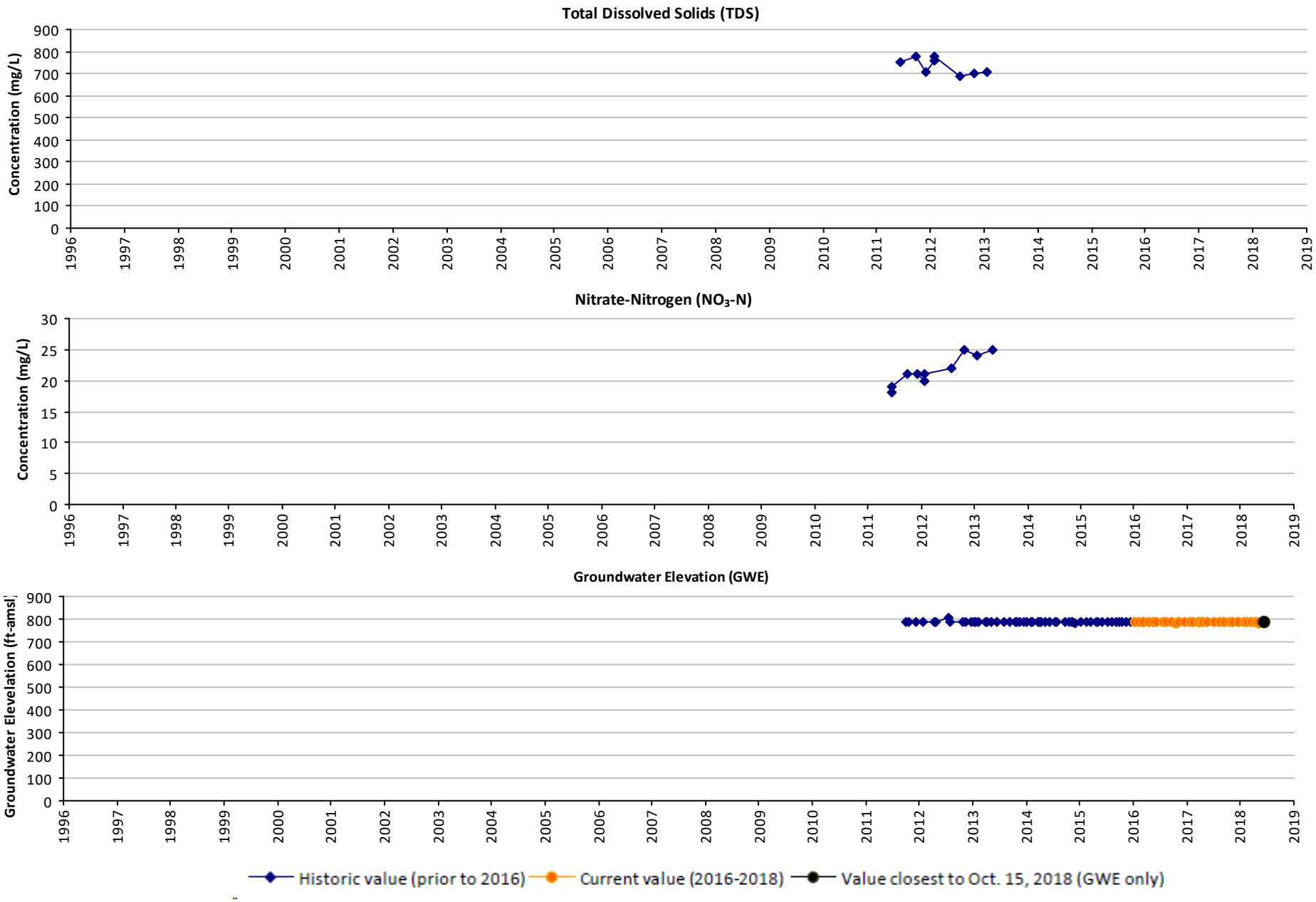
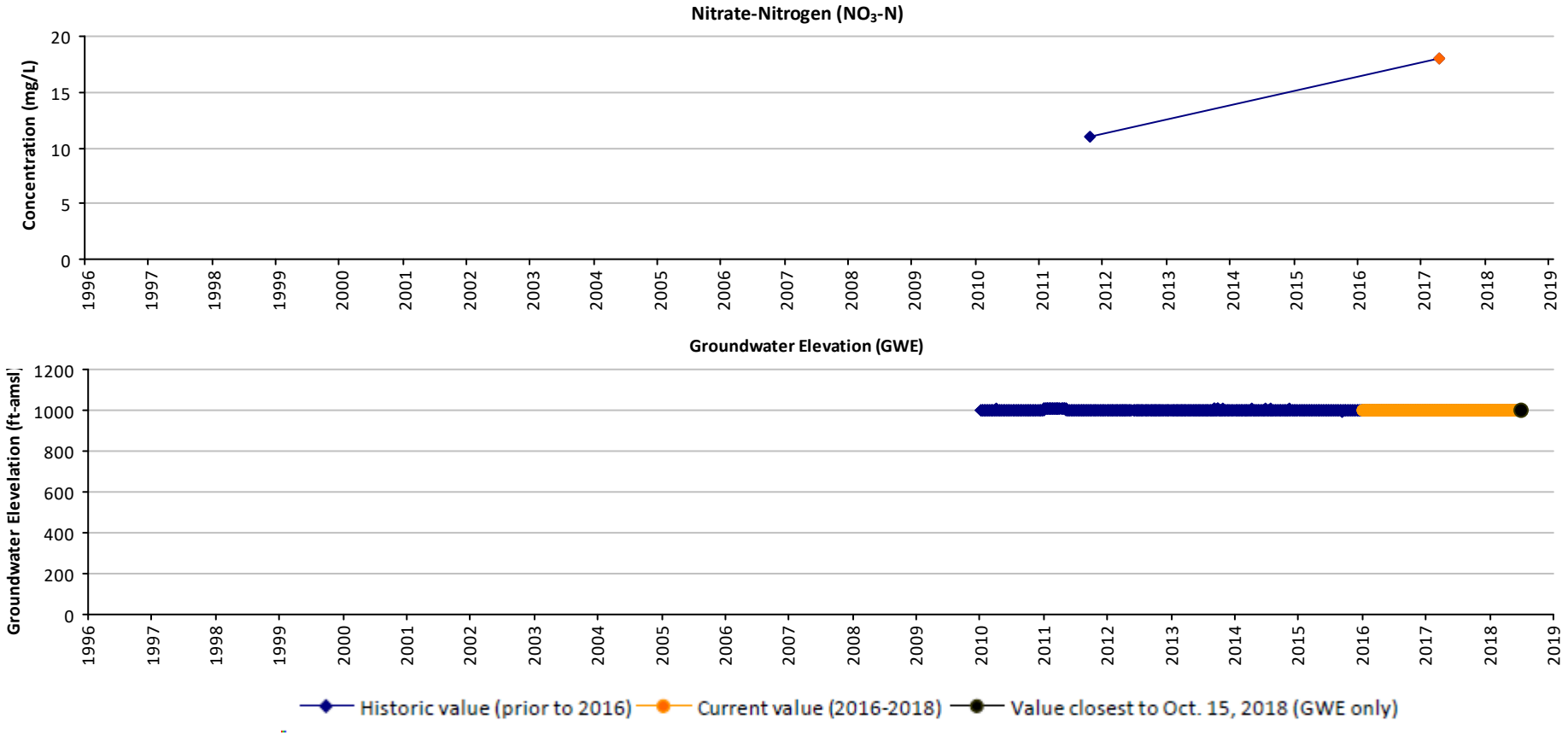
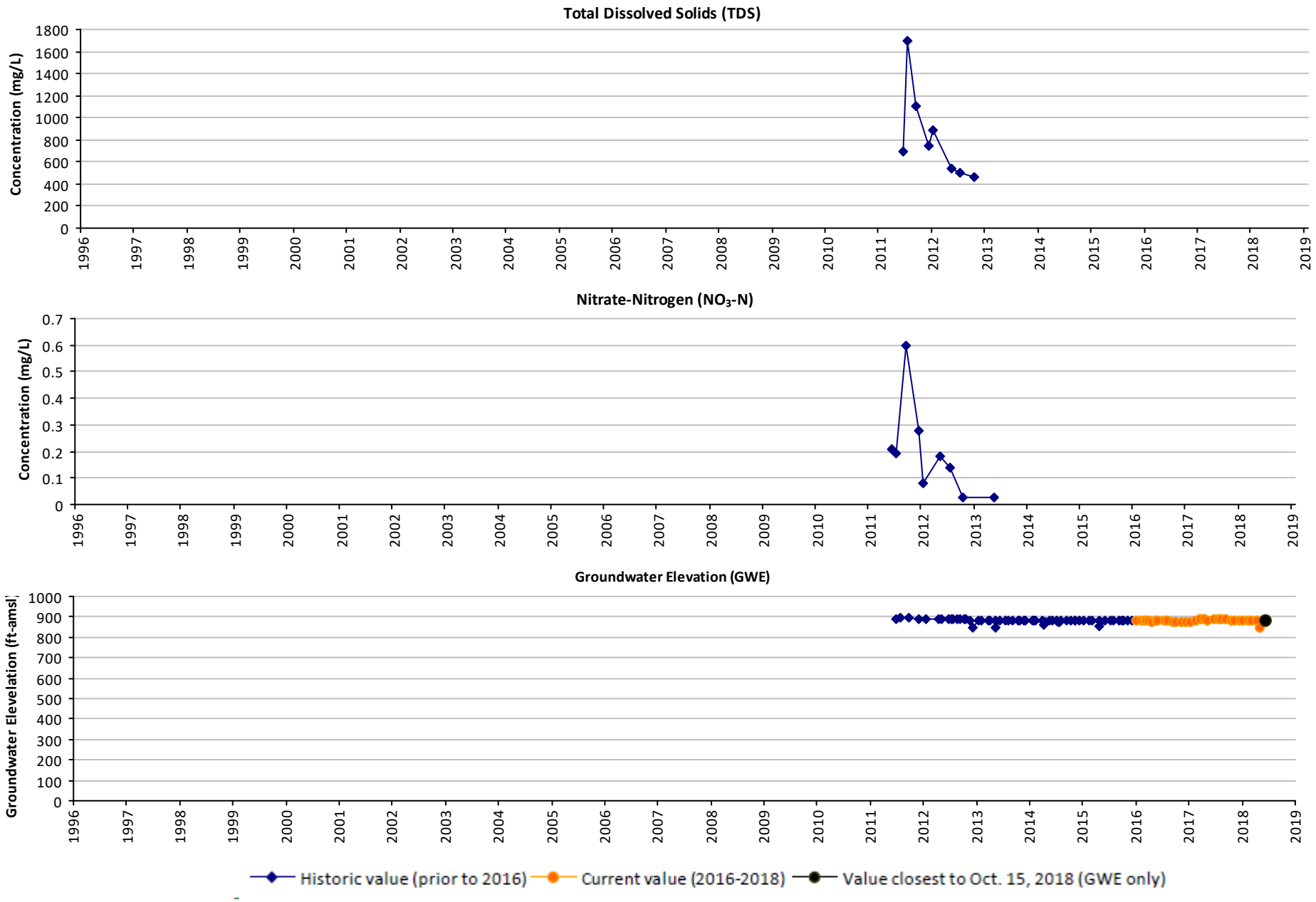
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
Current value (2016-2018)
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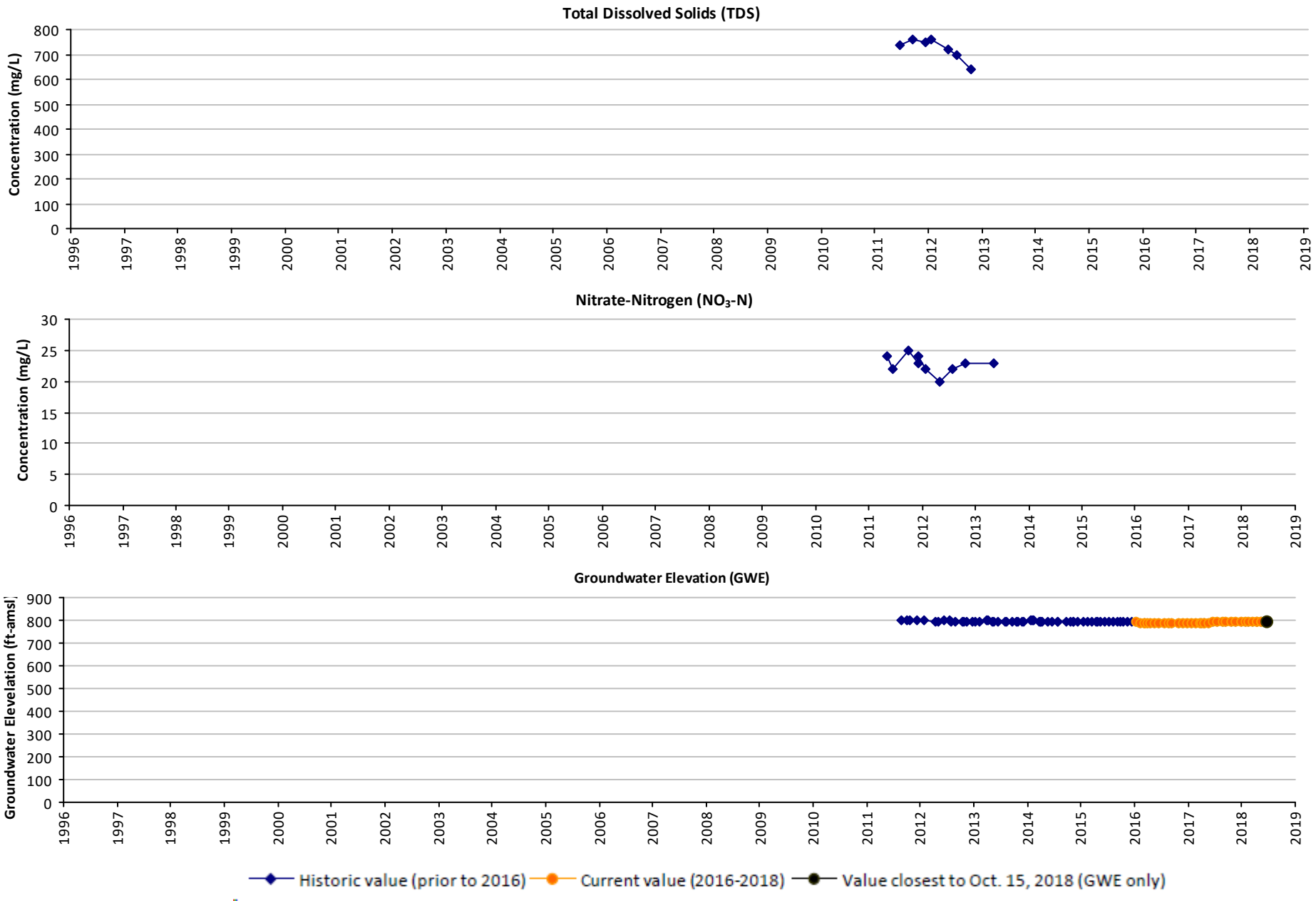
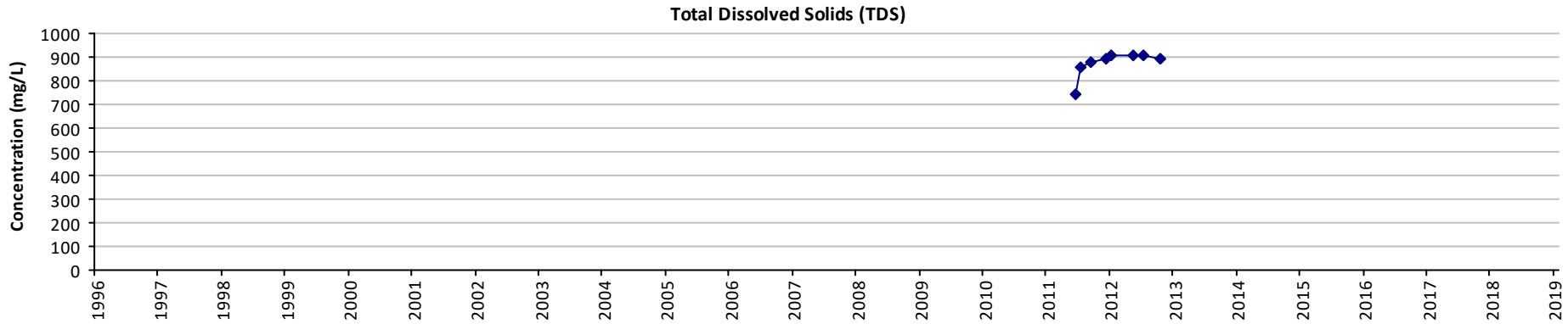

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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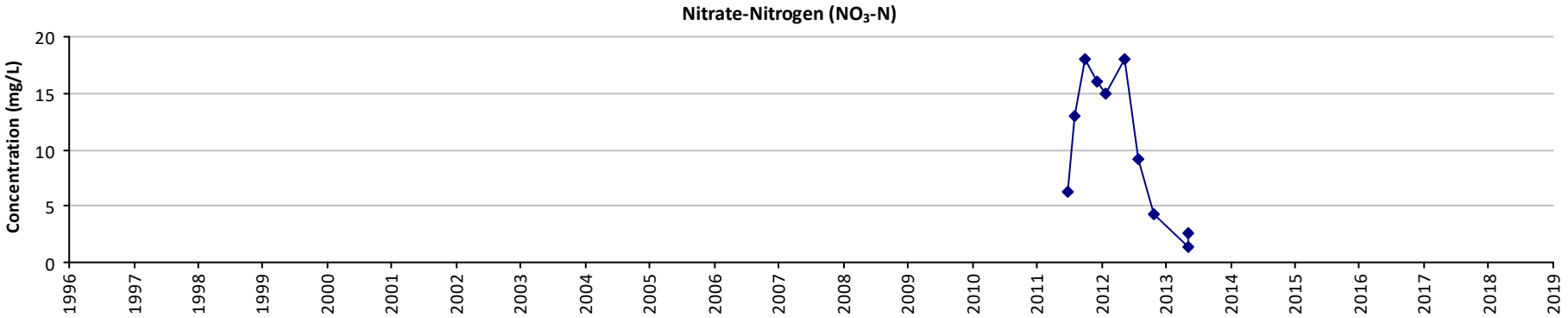
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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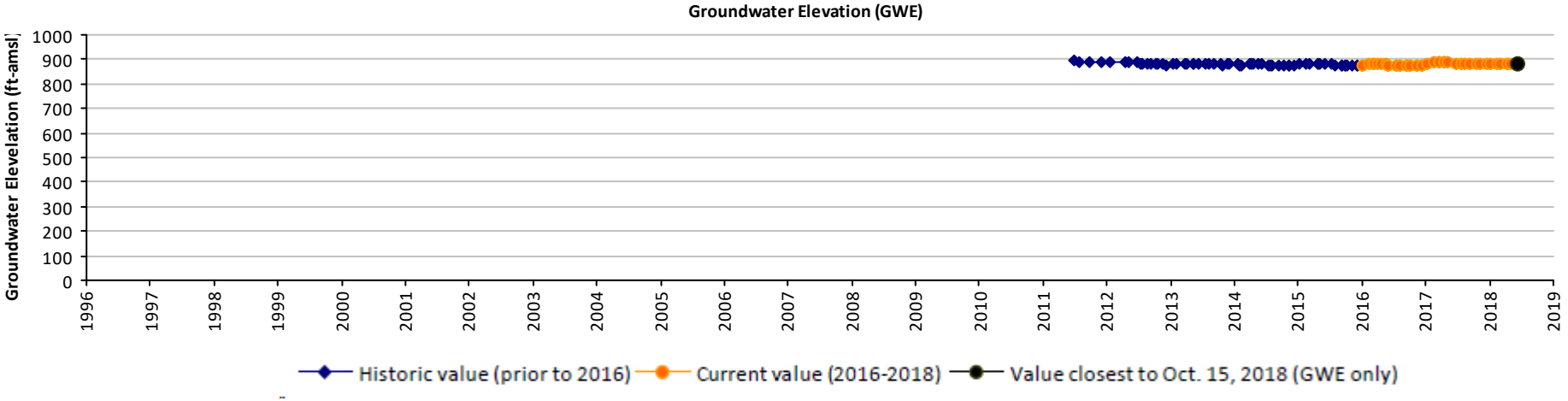
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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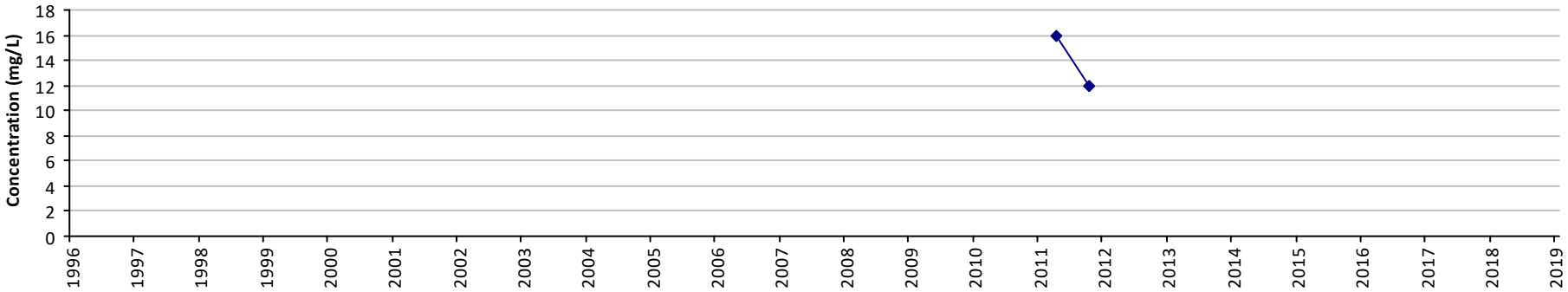
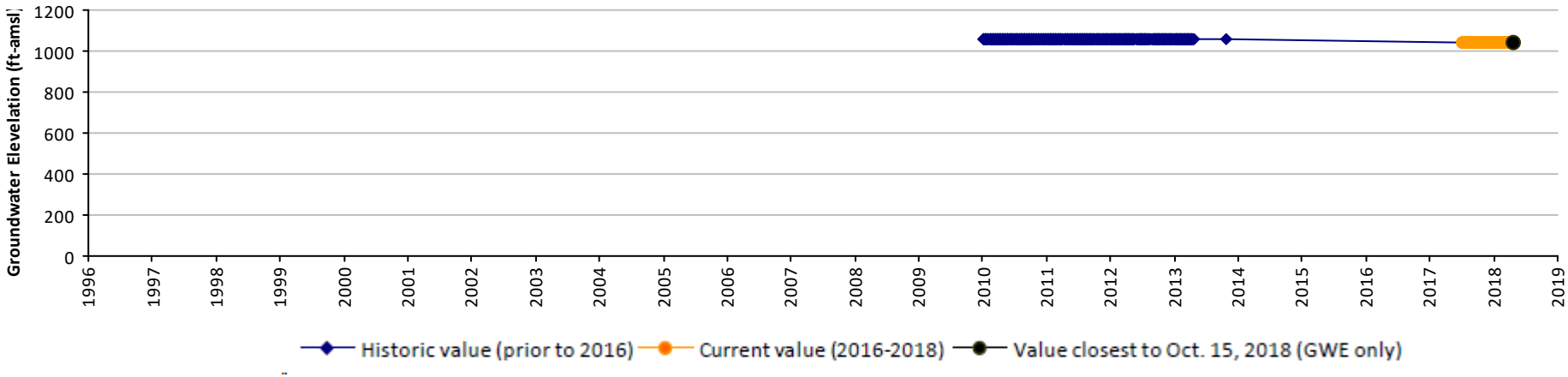
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

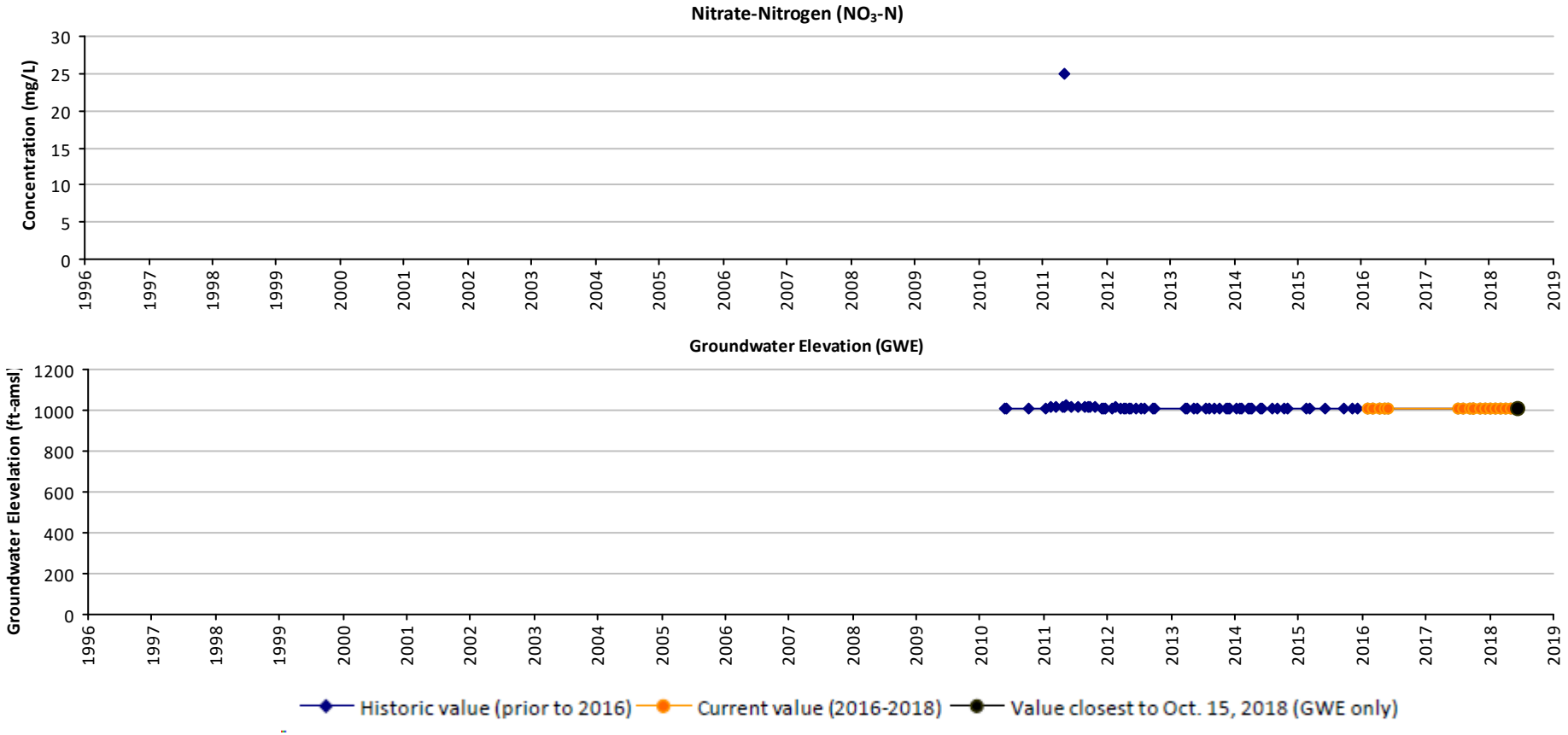
Nitrate-Nitrogen (NO_3-N)



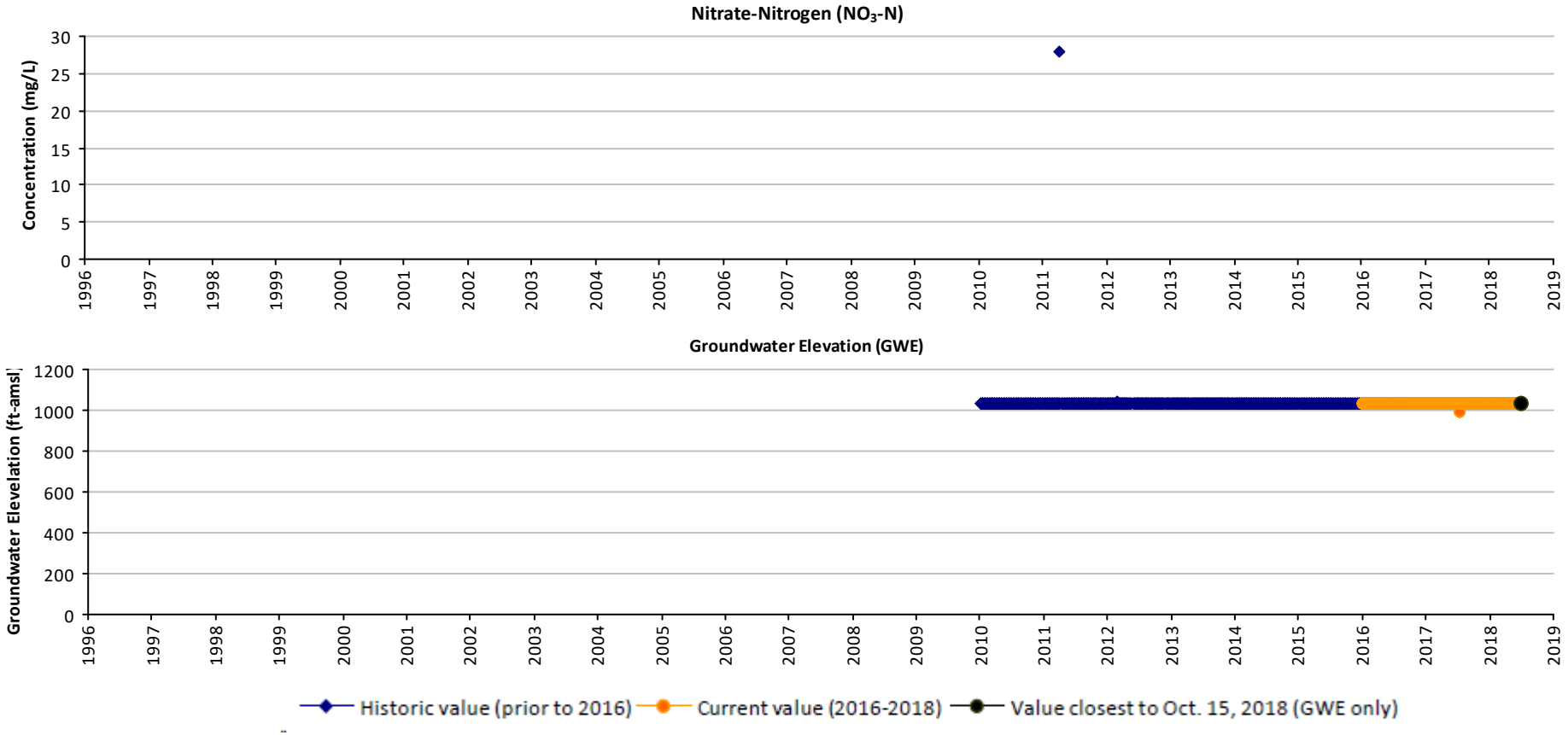
Groundwater Elevation (GWE)

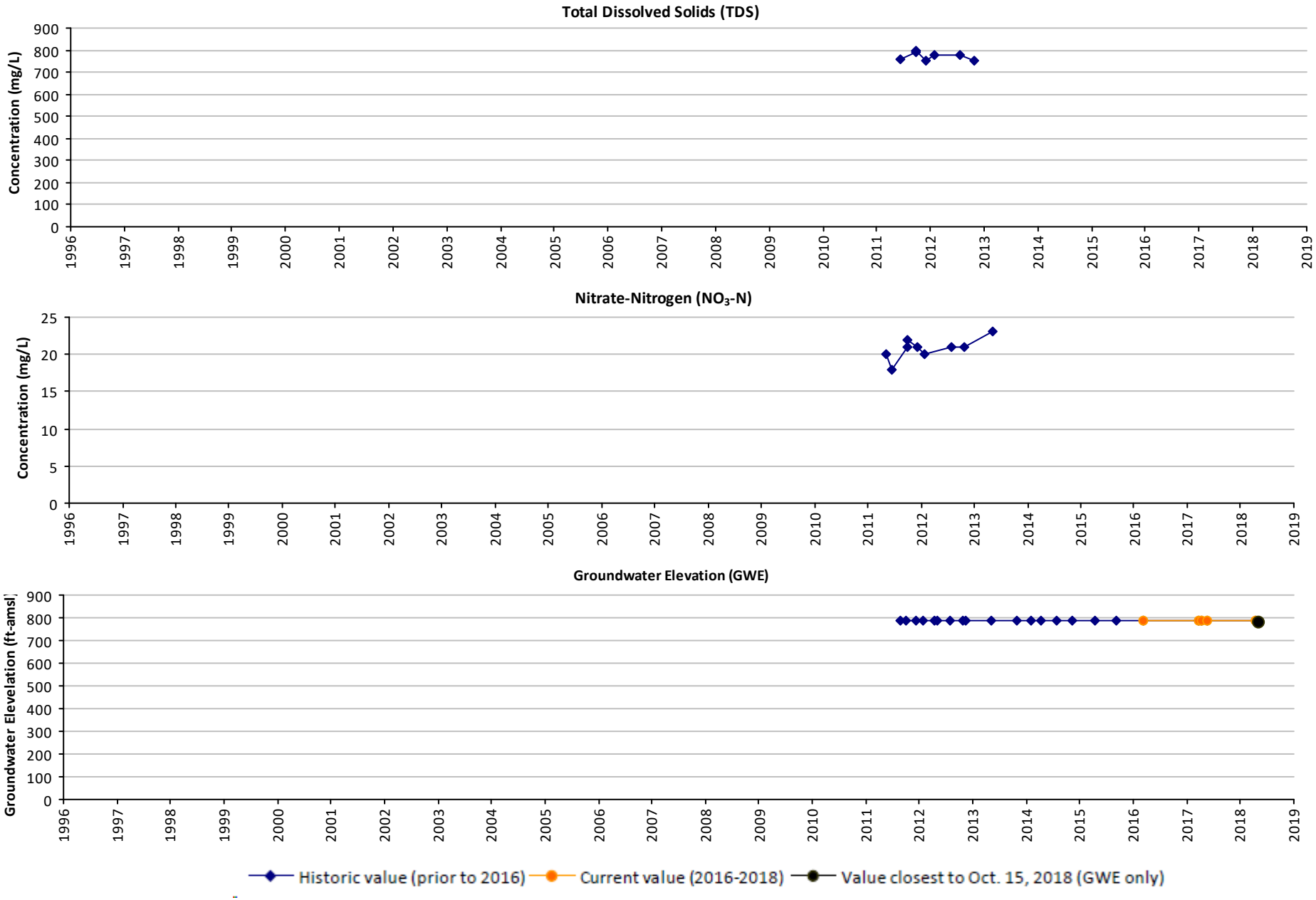


Total Dissolved Solids (TDS)



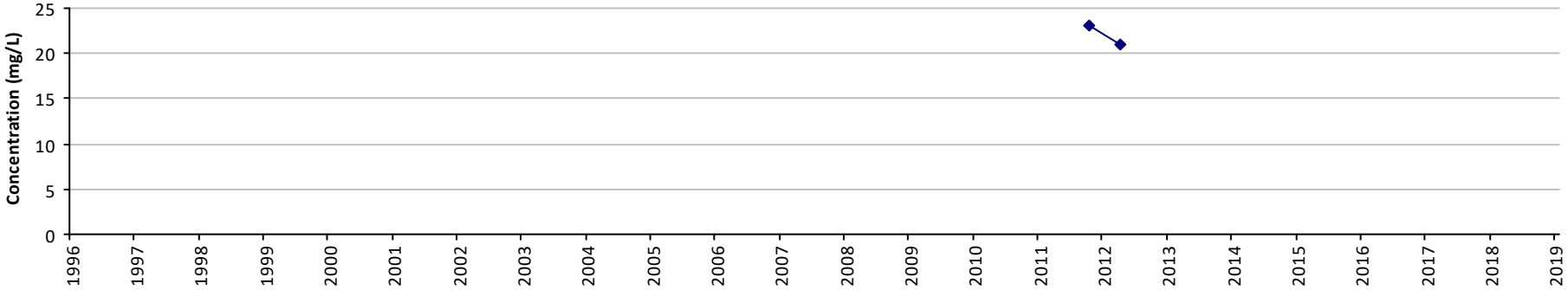
Total Dissolved Solids (TDS)



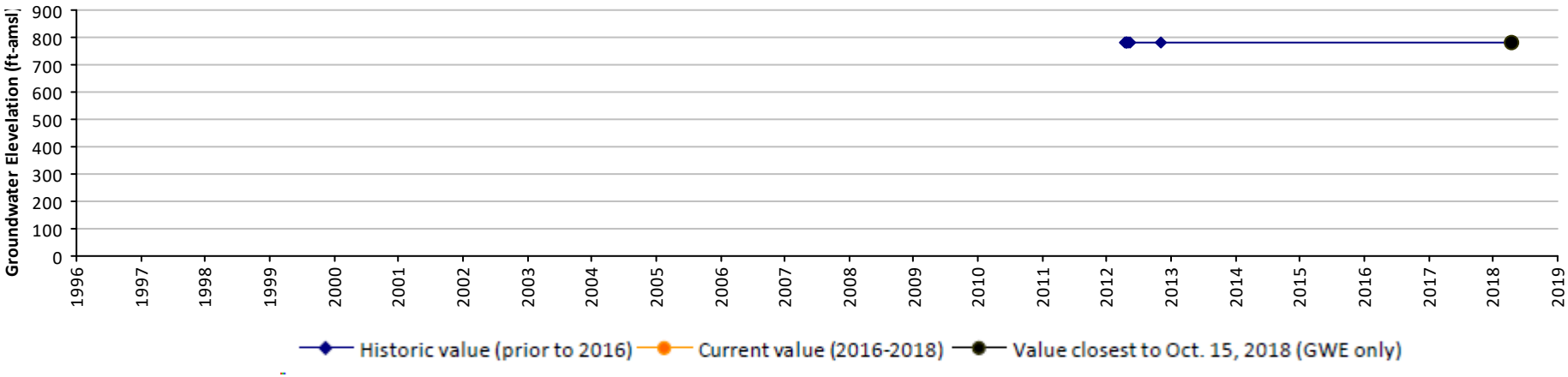

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

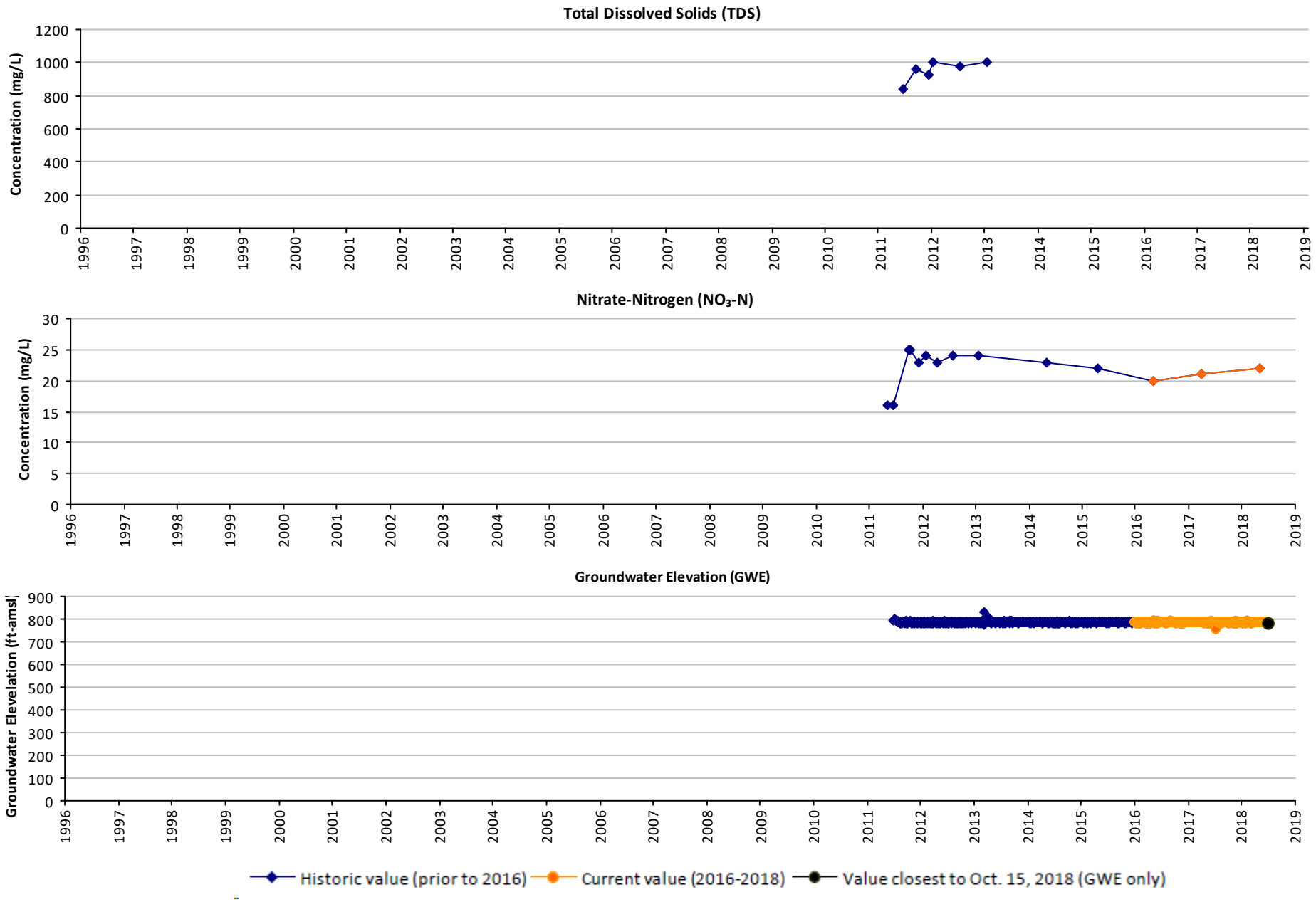
Total Dissolved Solids (TDS)

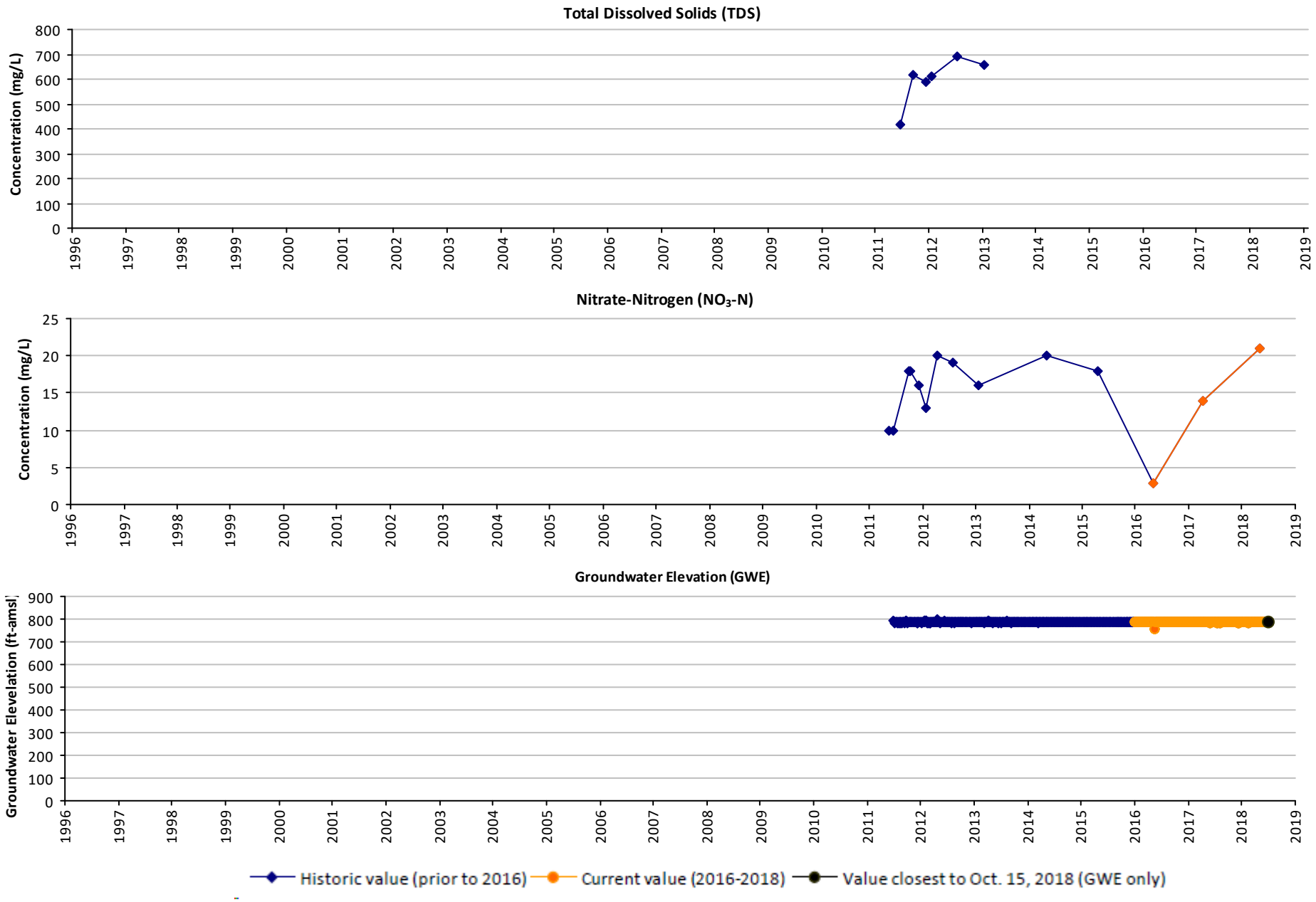
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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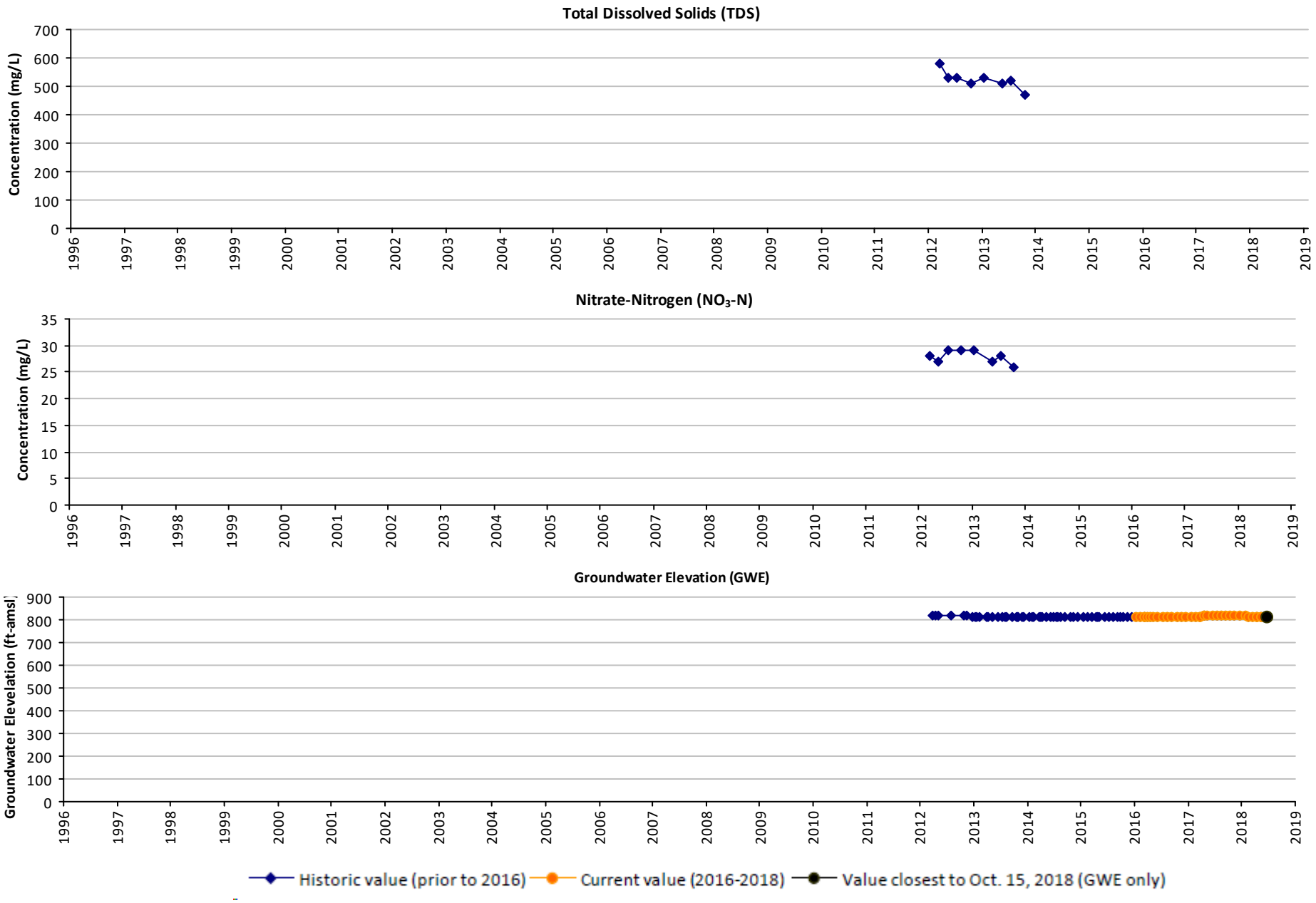
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
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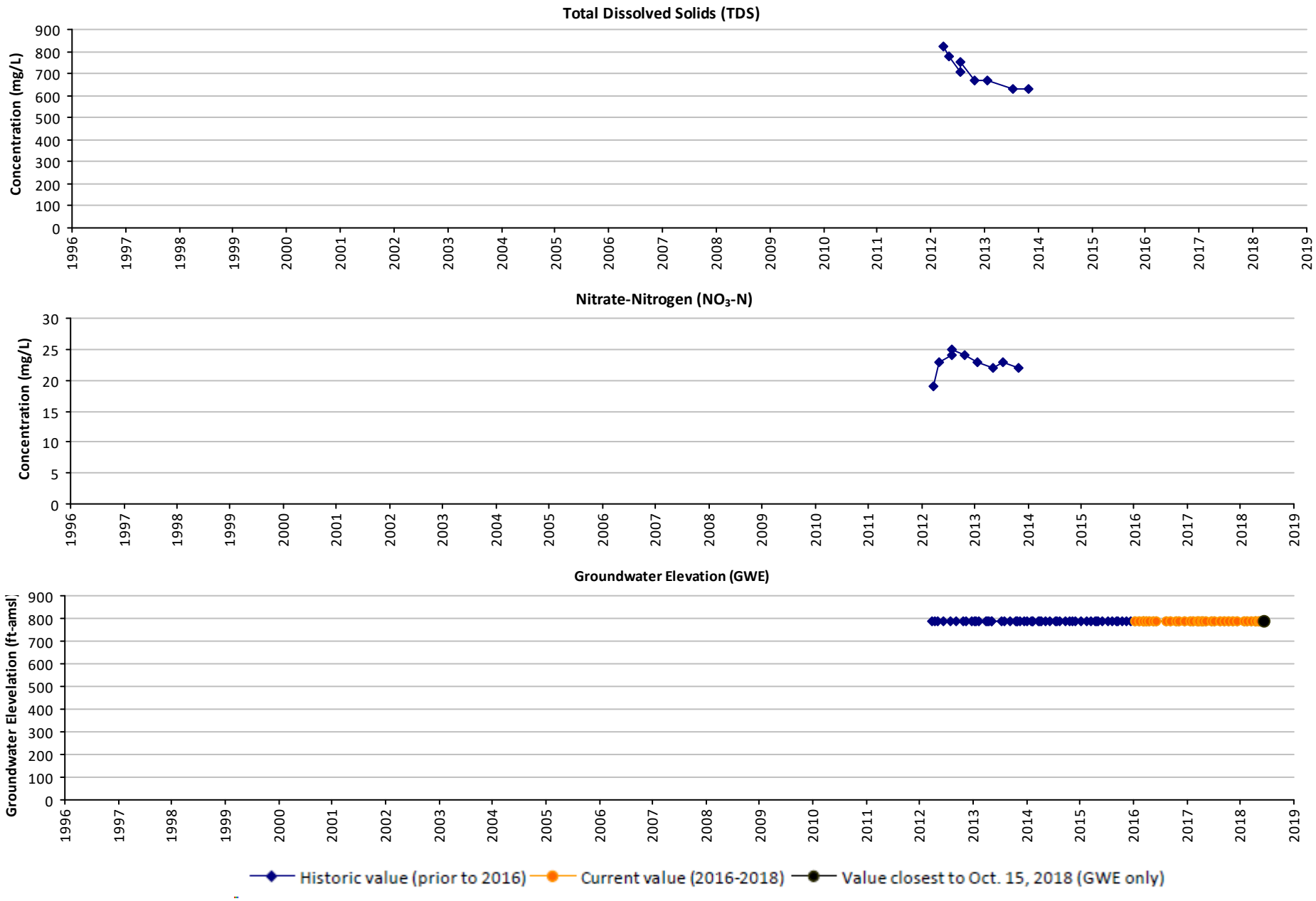
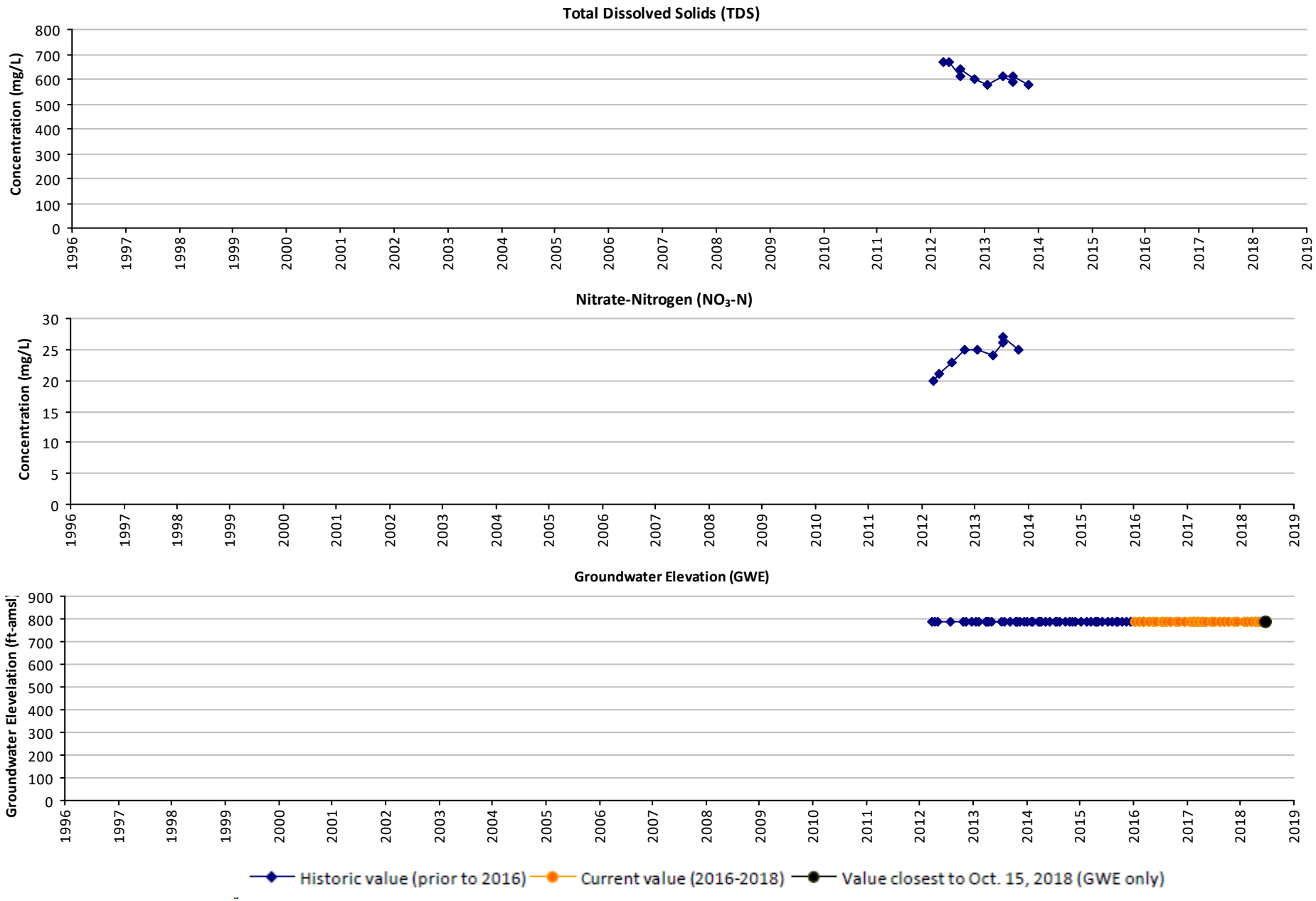
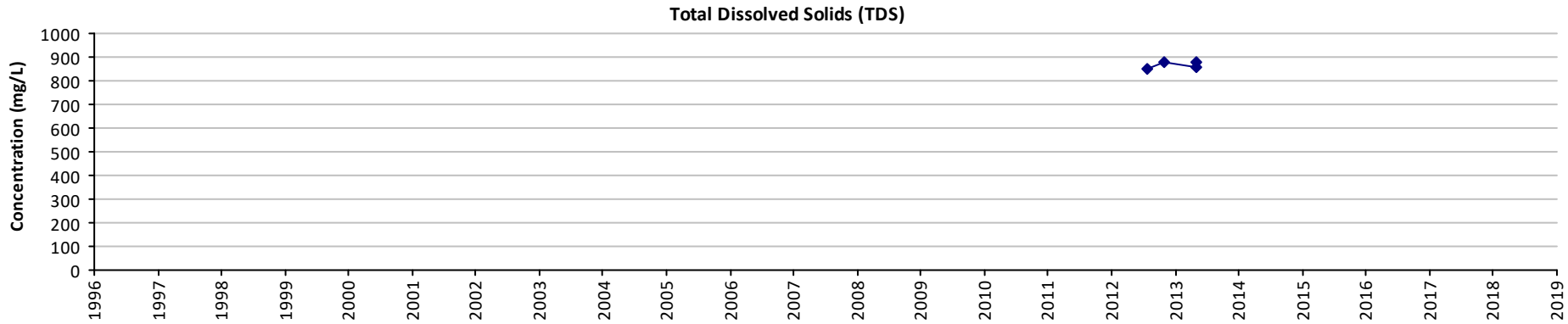
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
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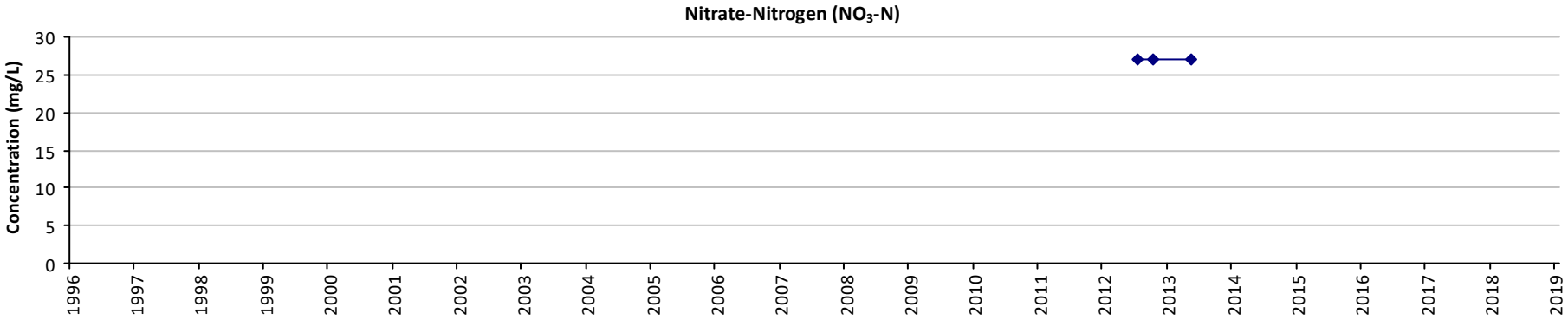
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
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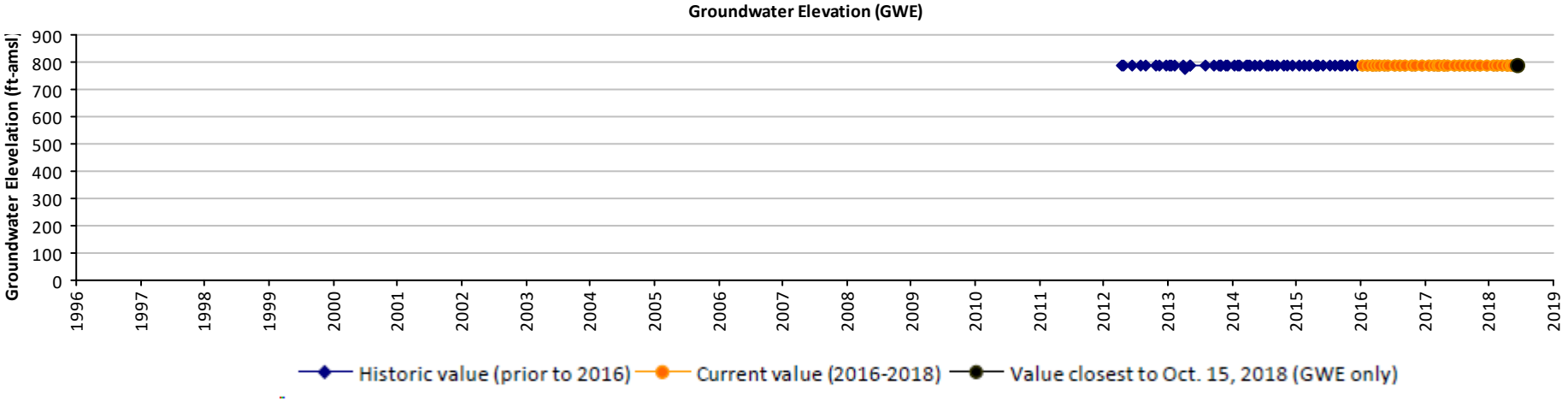
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
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1996
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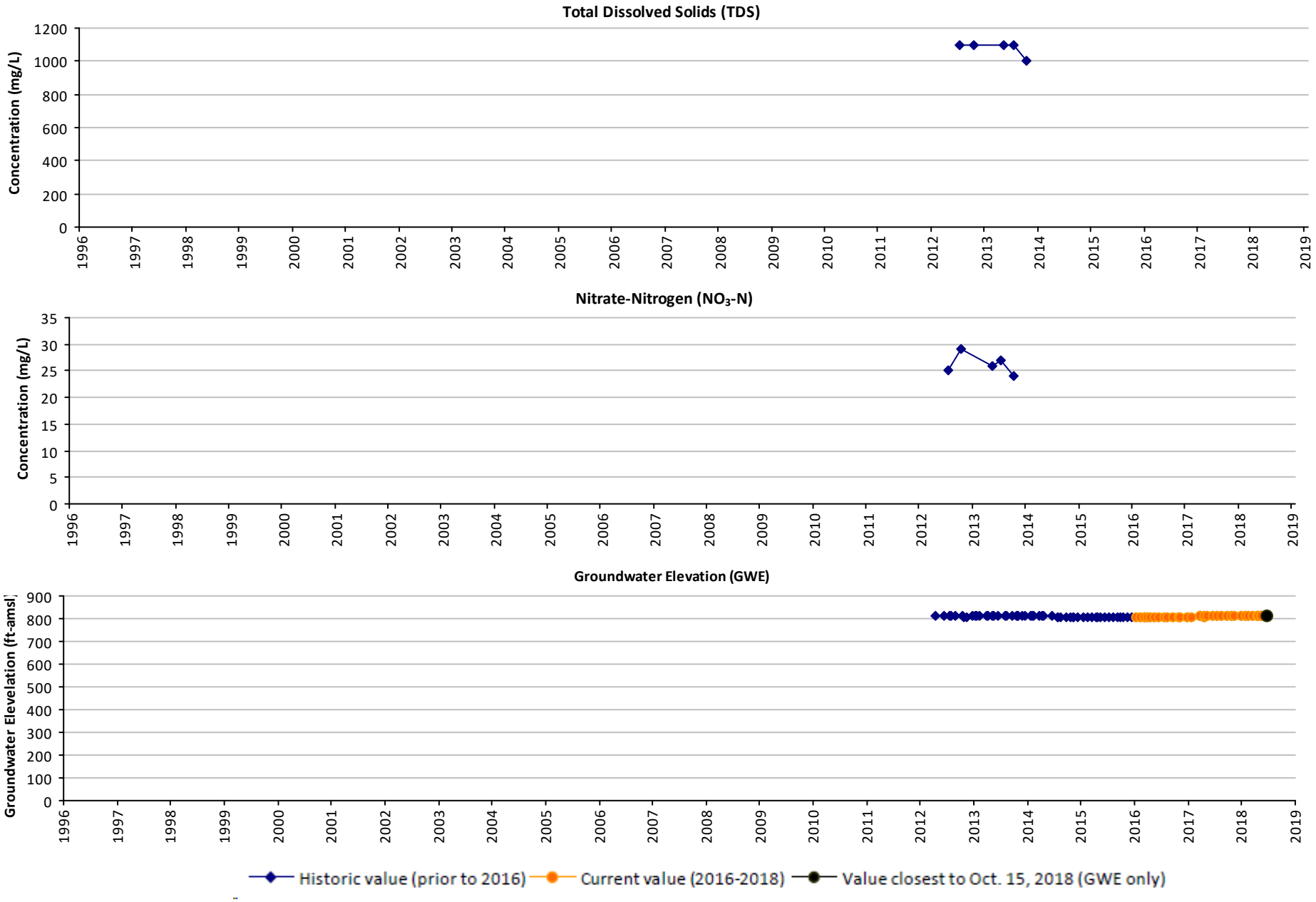
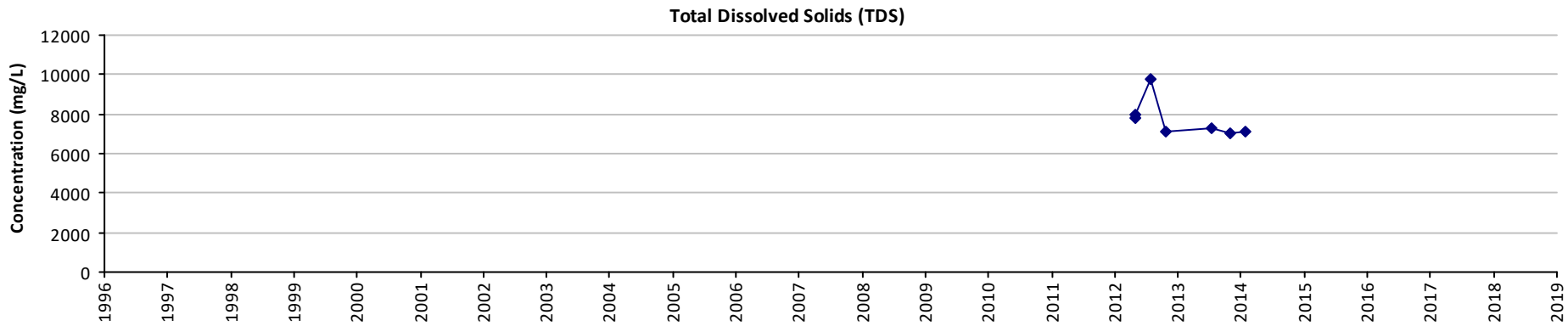
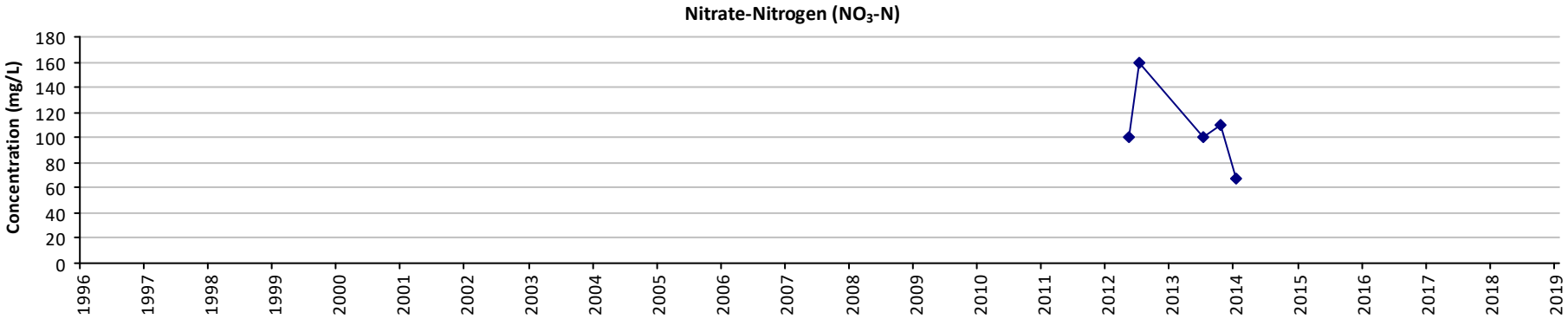
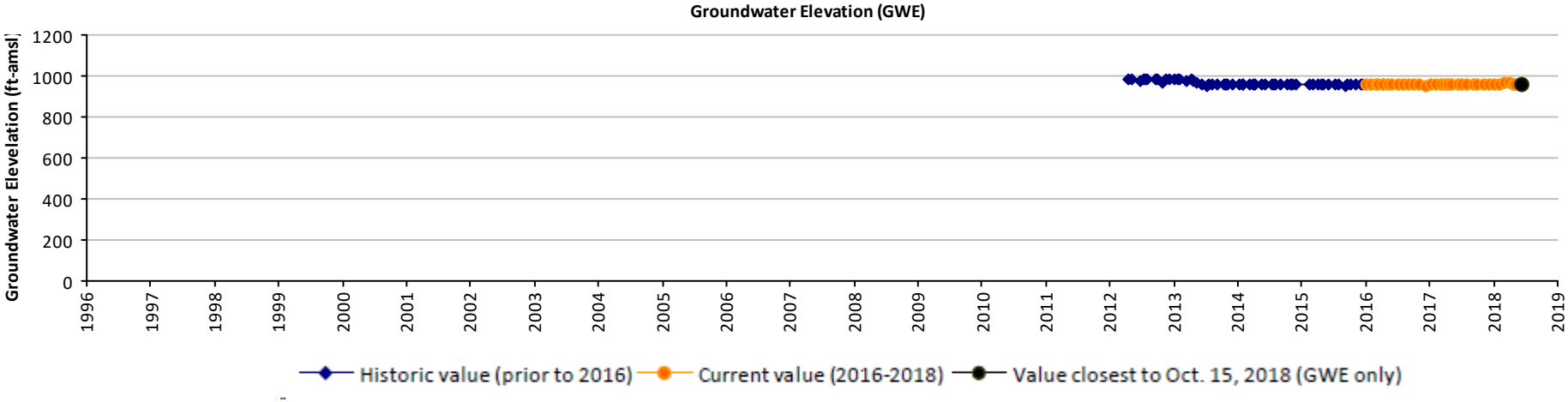
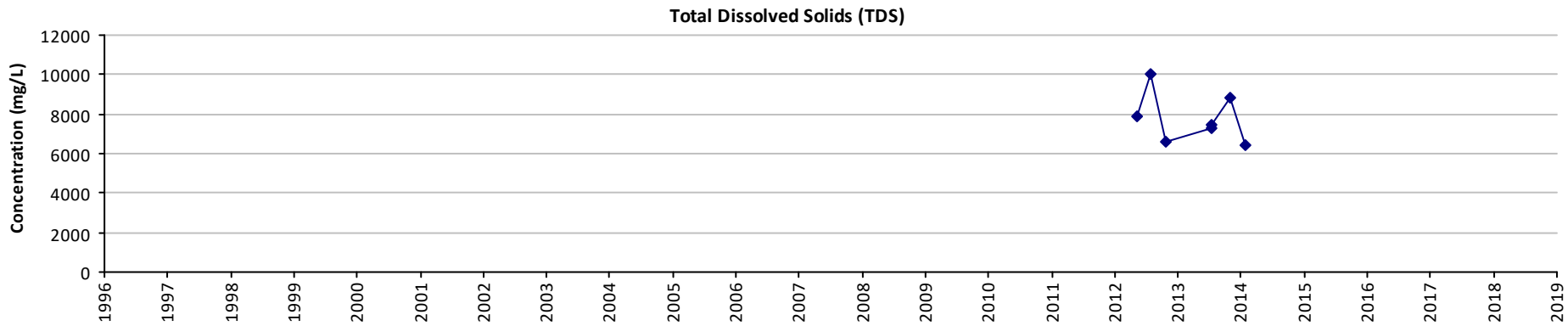
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

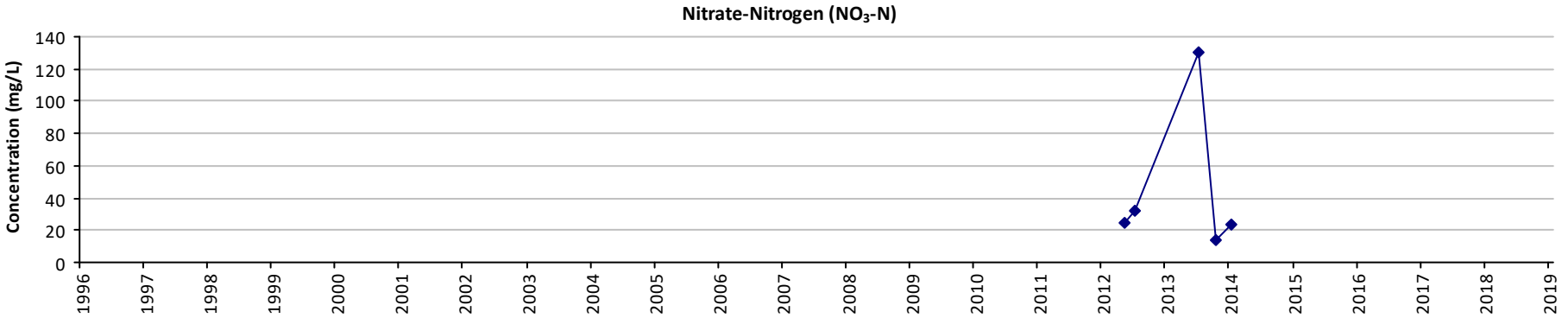

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

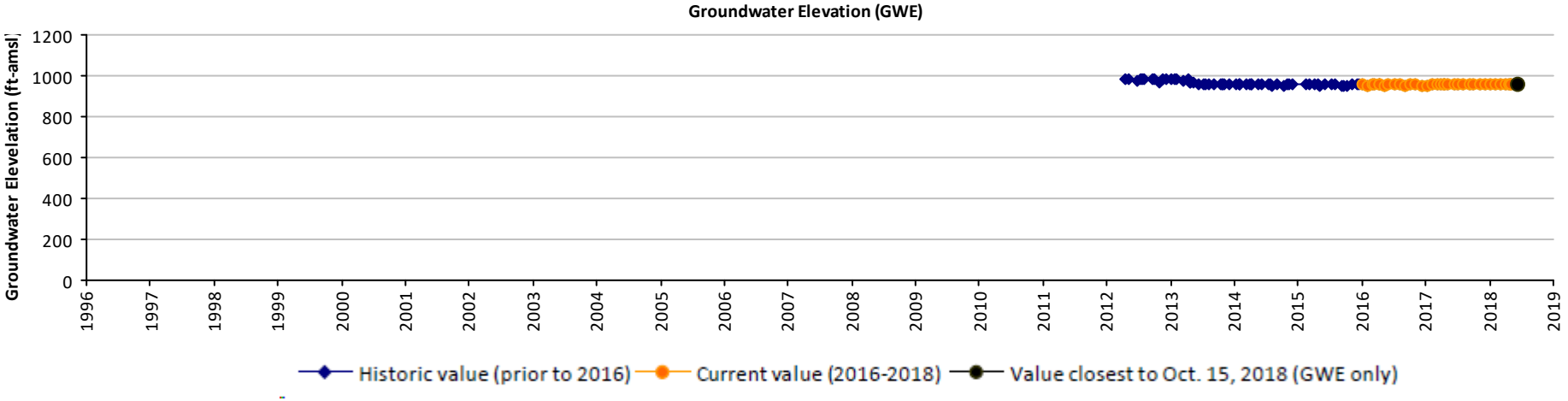

Total Dissolved Solids (TDS)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

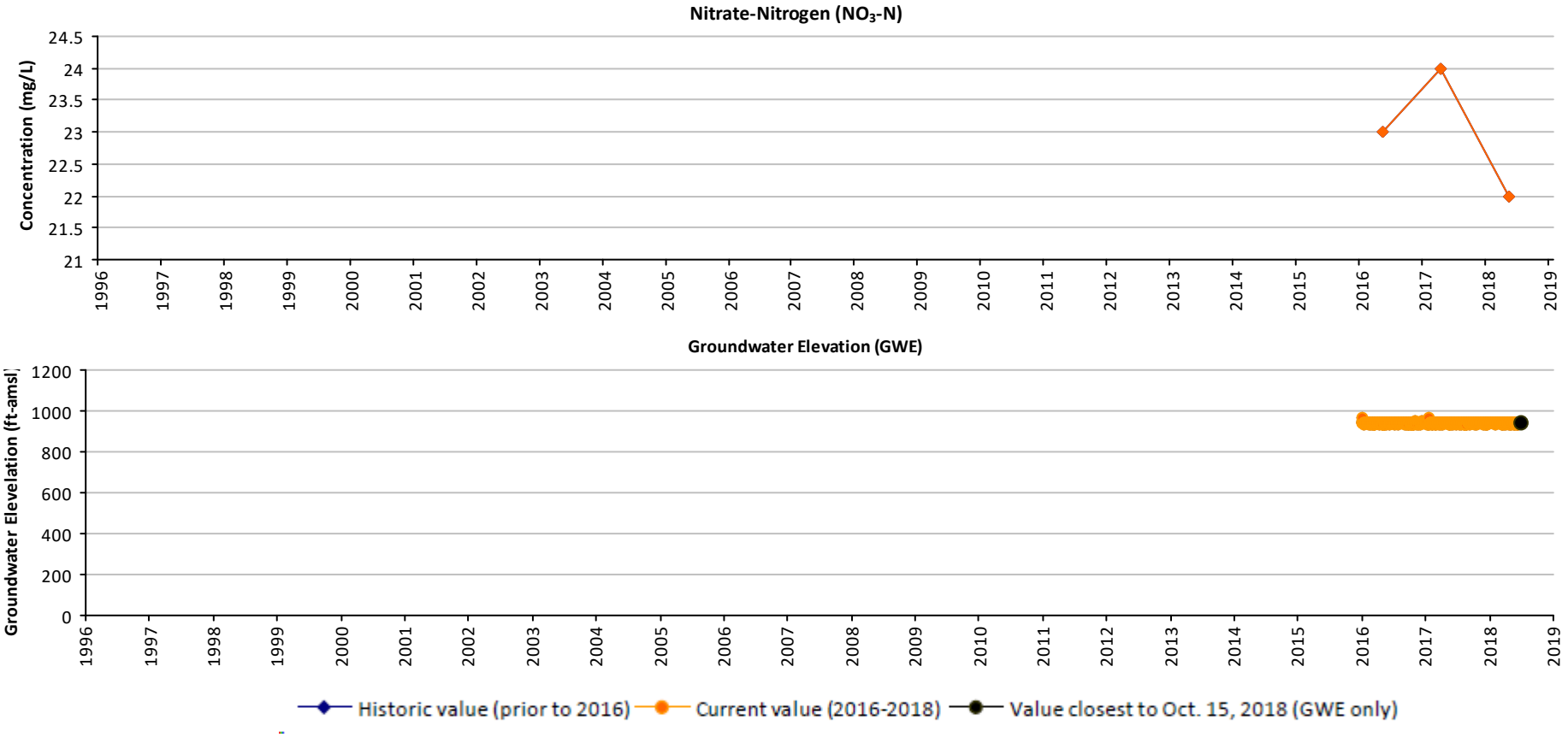

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

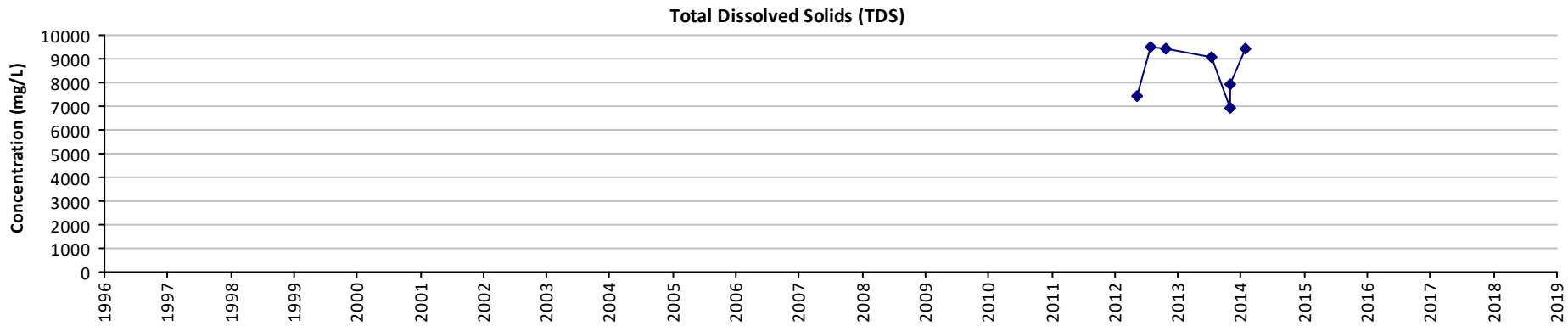

Total Dissolved Solids (TDS)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

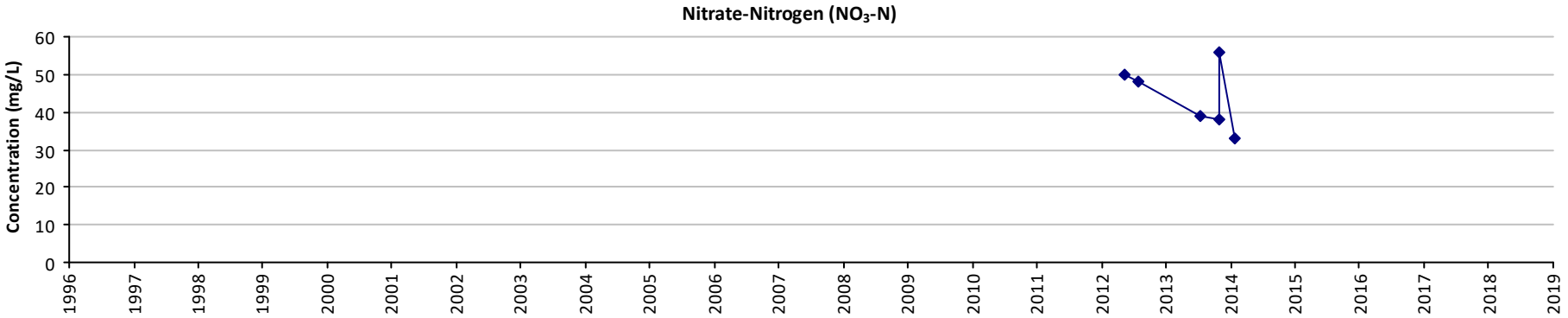

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

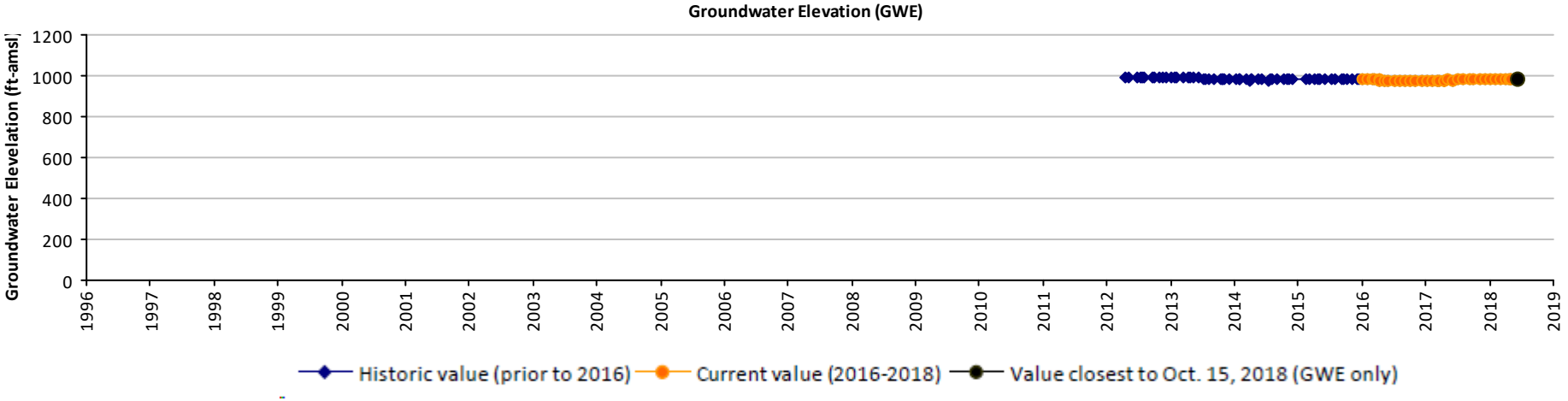

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

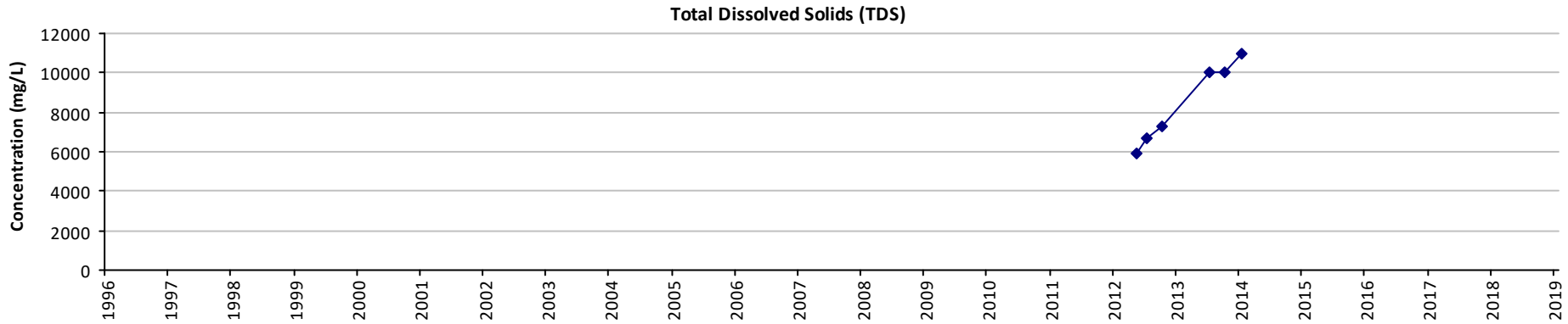
Total Dissolved Solids (TDS)

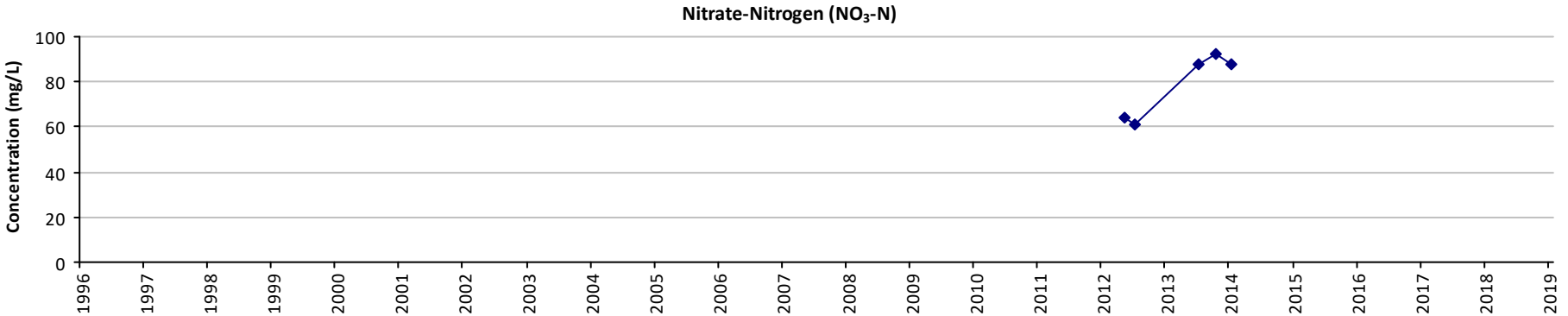


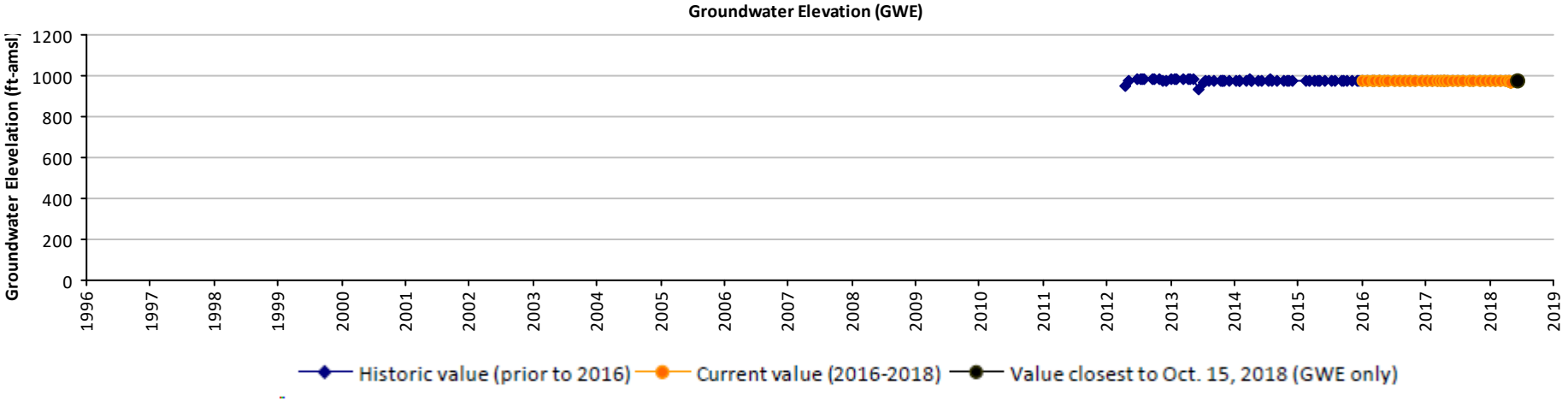

Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

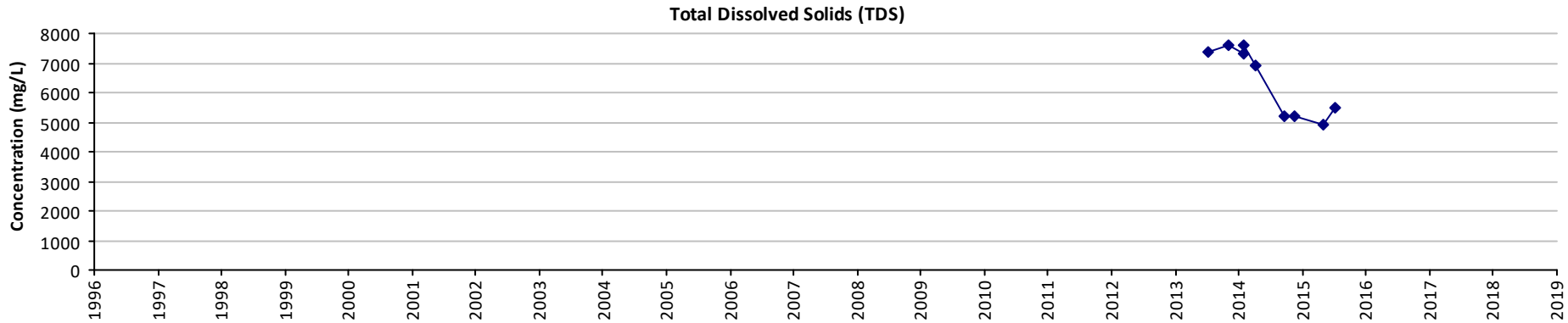

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

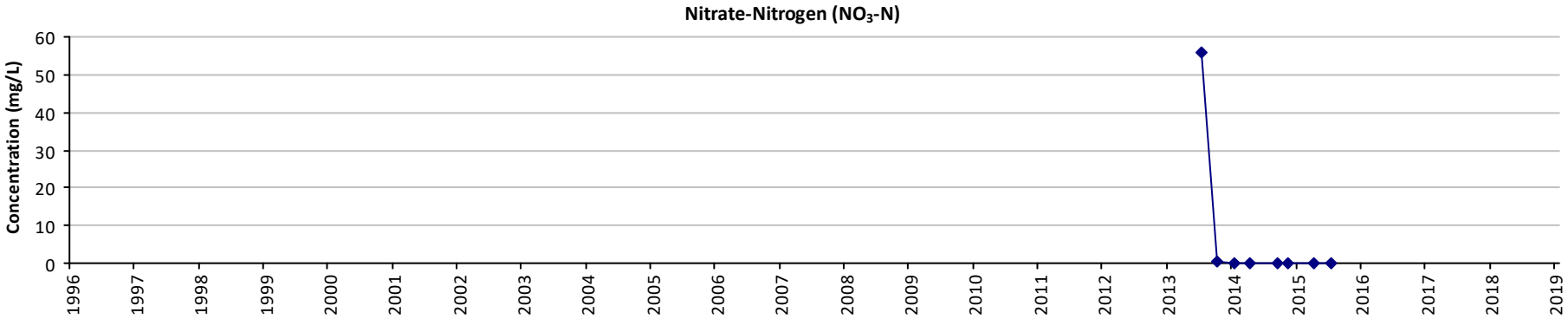

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

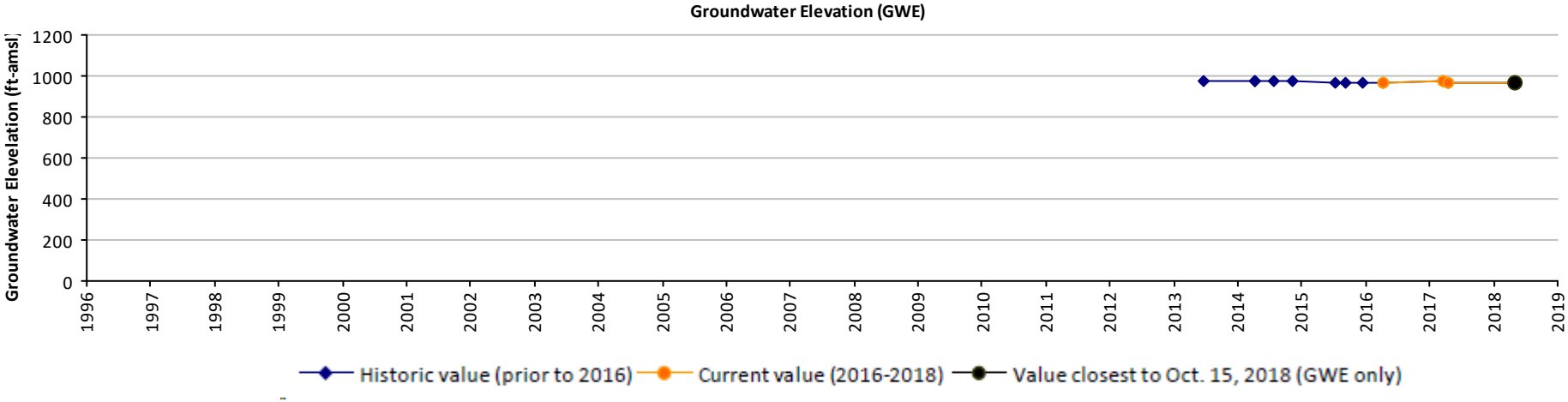

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
2000
4000
6000
8000
10000
12000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
20
40
60
80
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

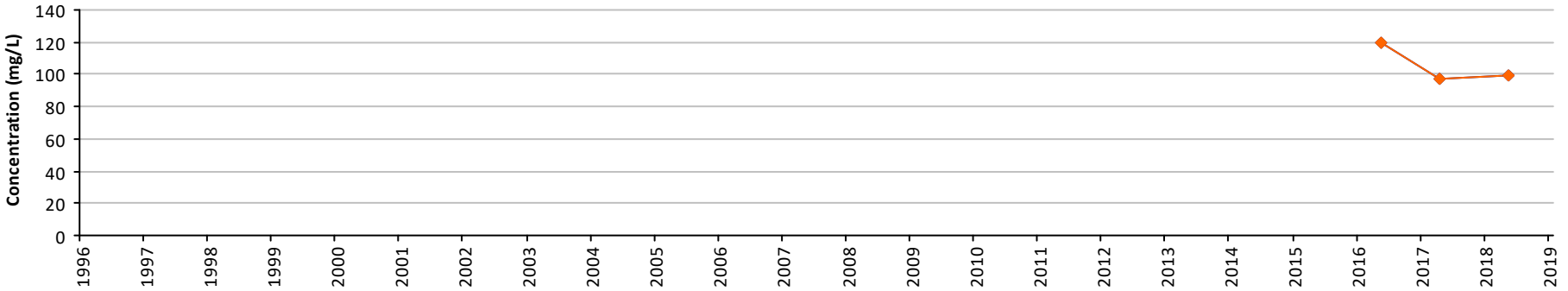

Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

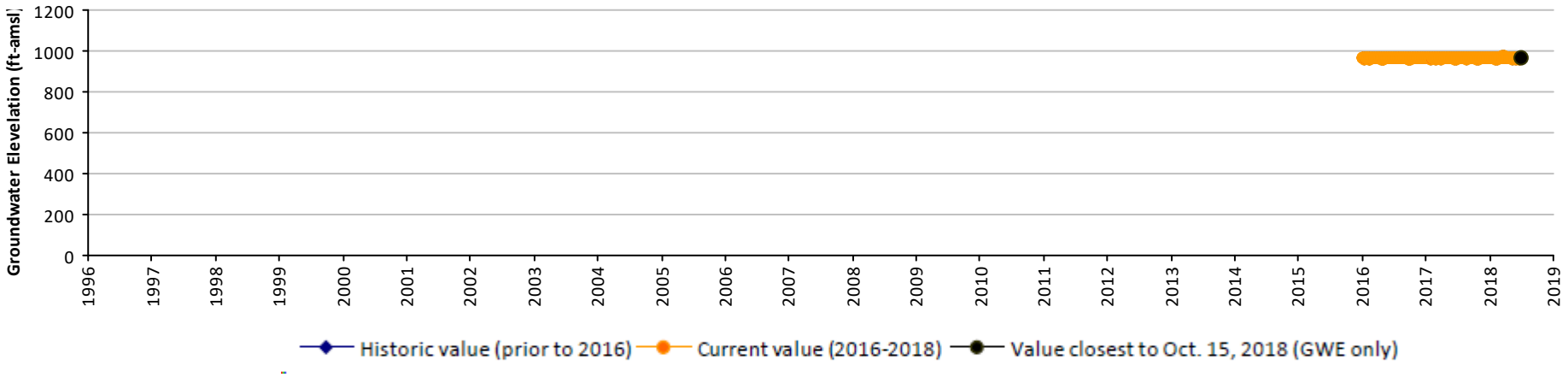

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

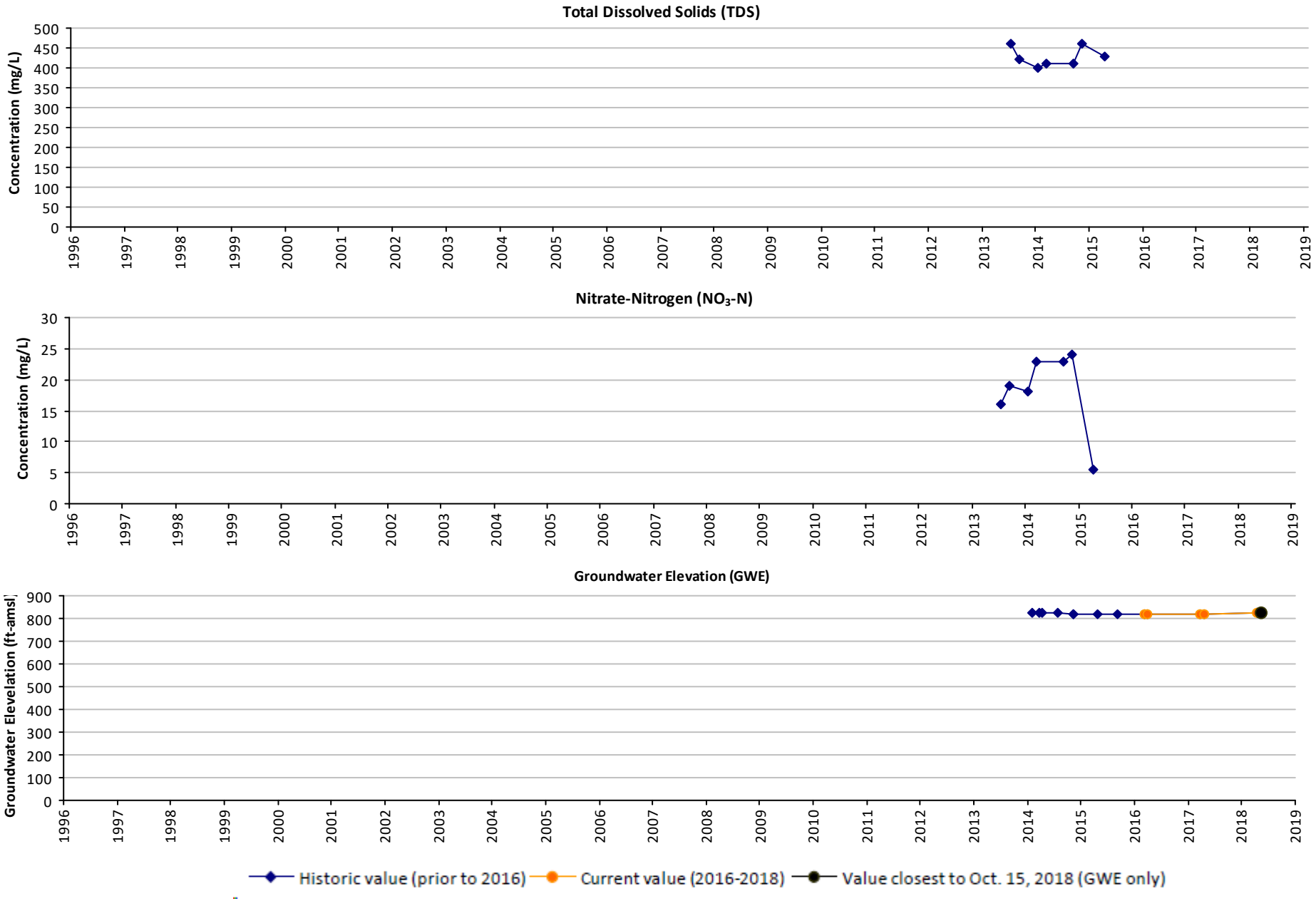
Total Dissolved Solids (TDS)

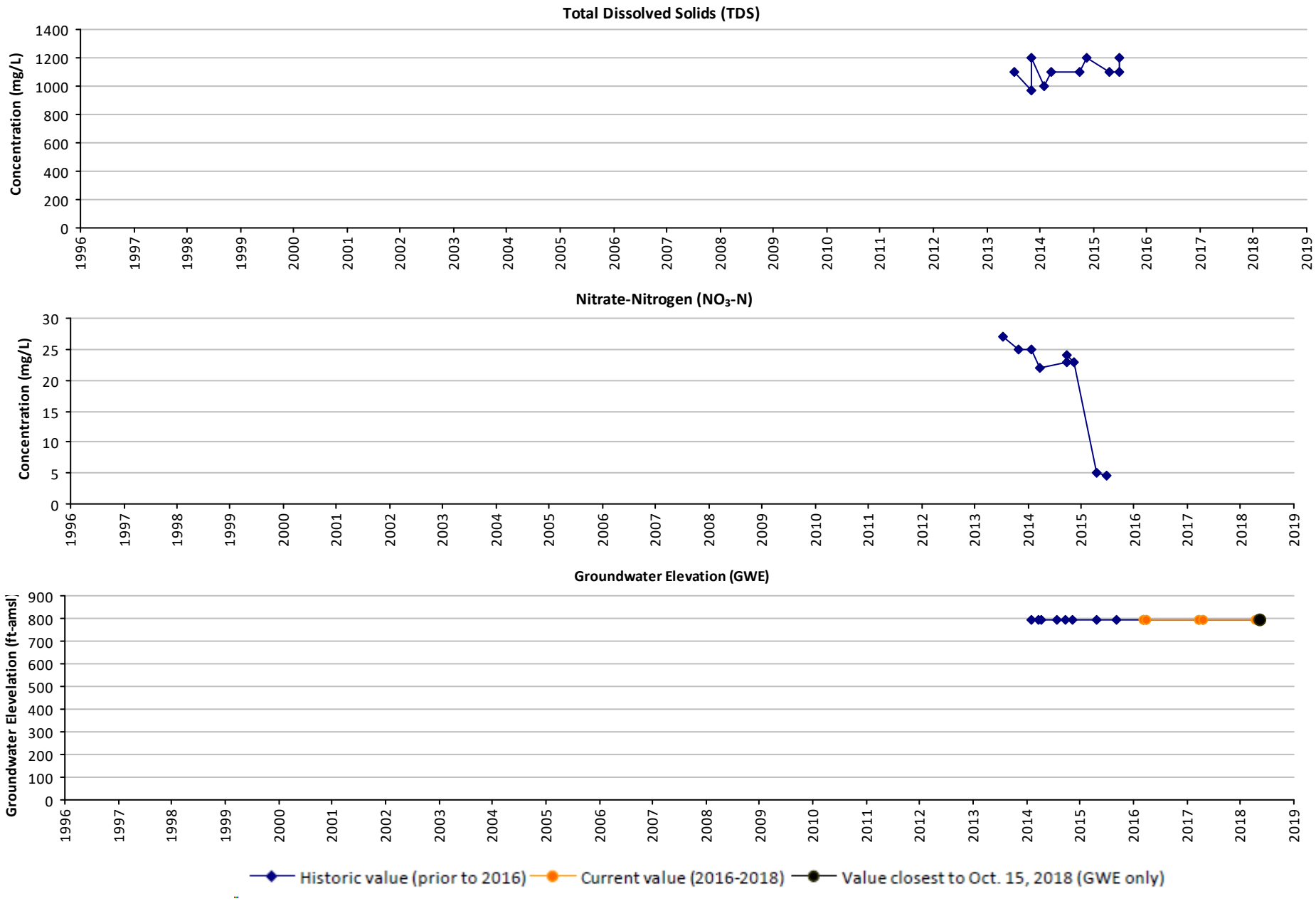
Nitrate-Nitrogen (NO_3-N)

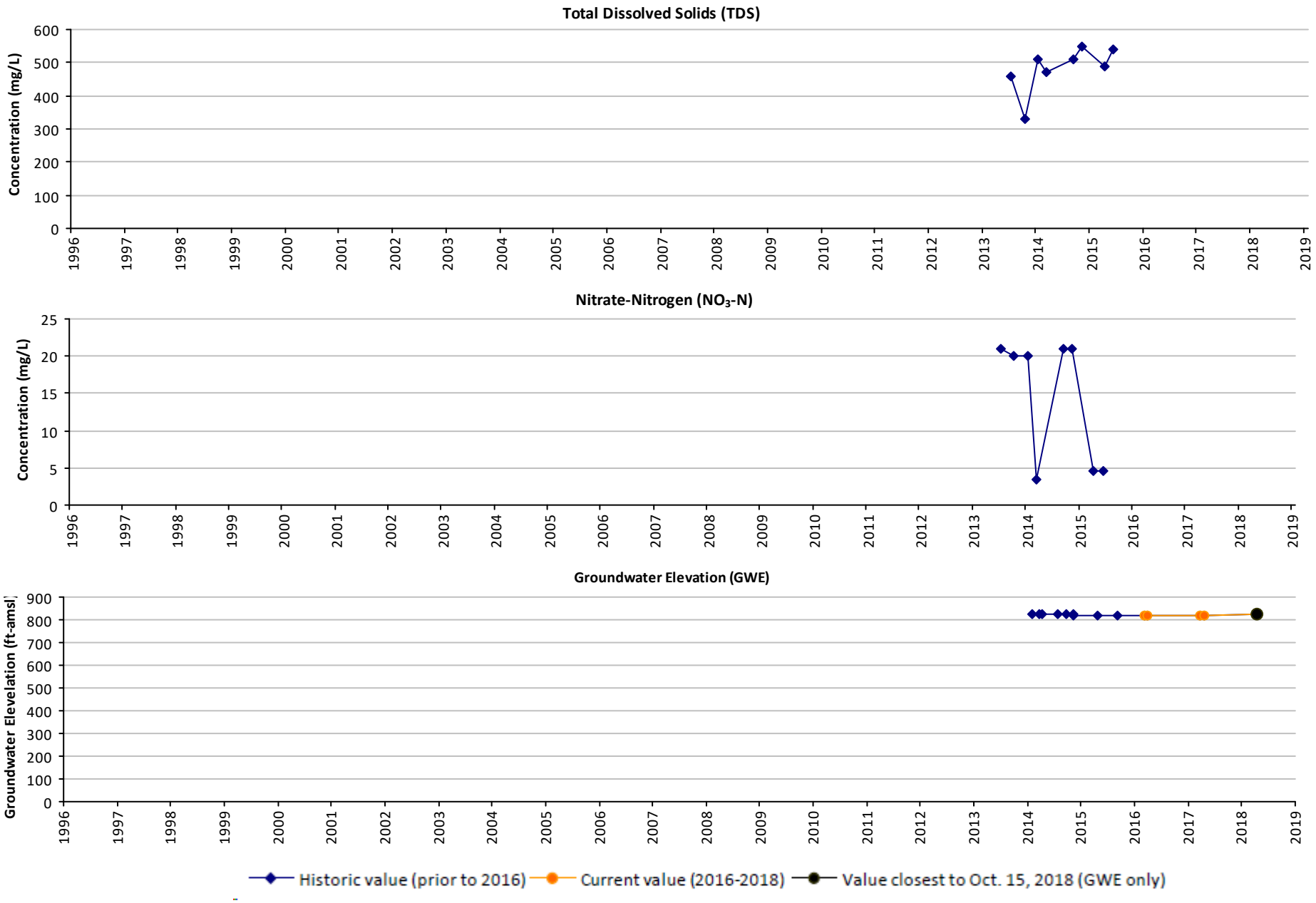


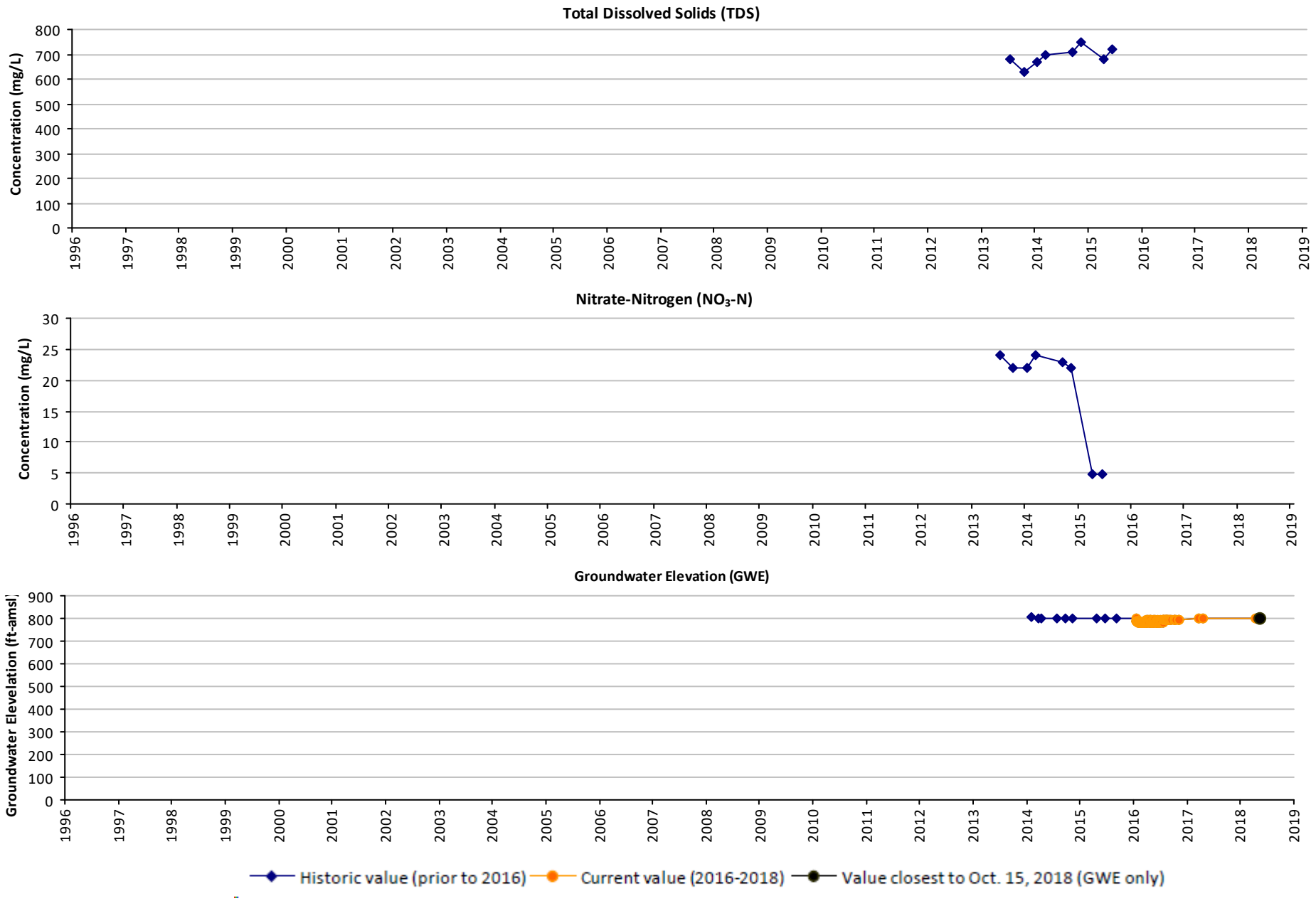
Groundwater Elevation (GWE)

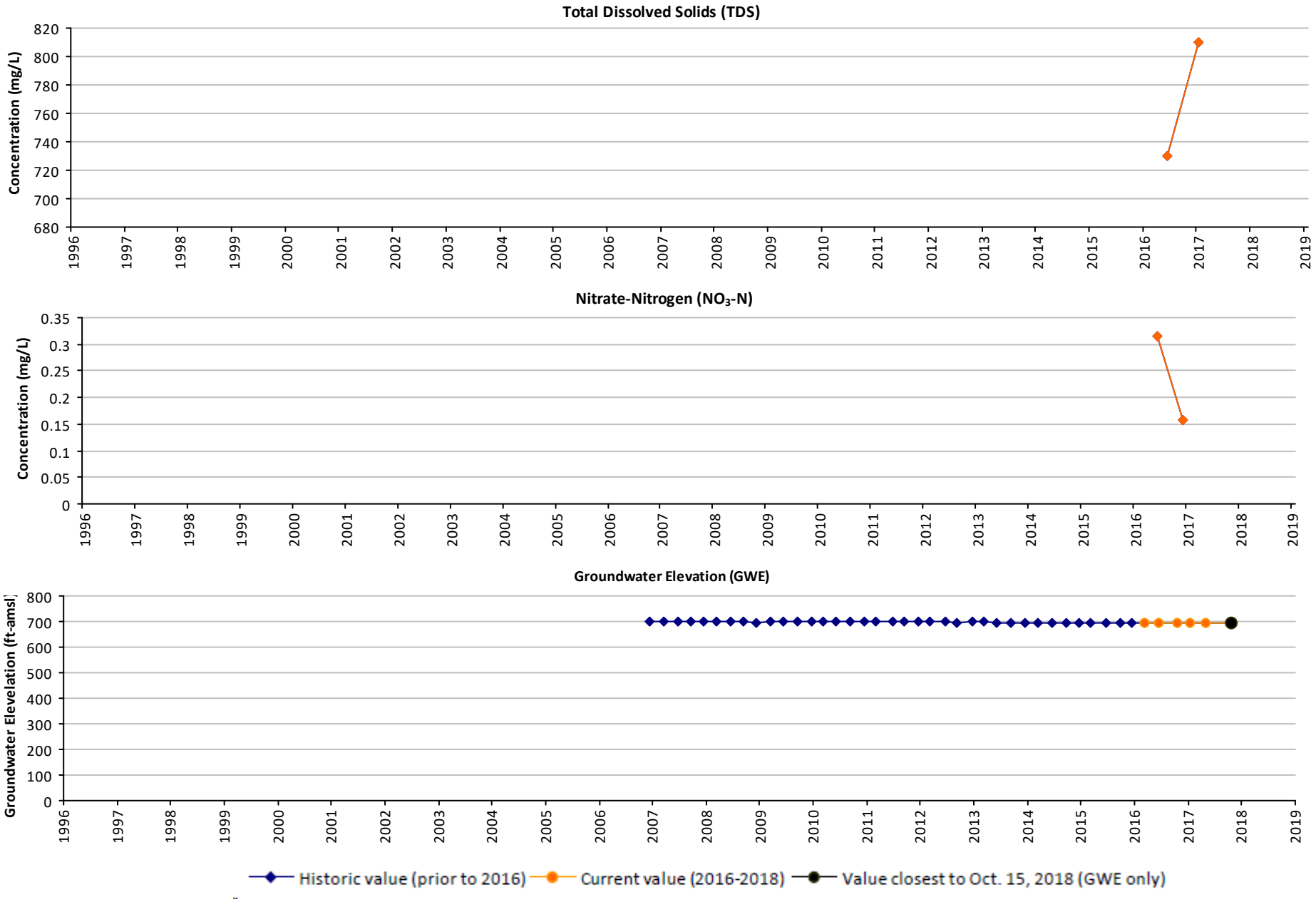


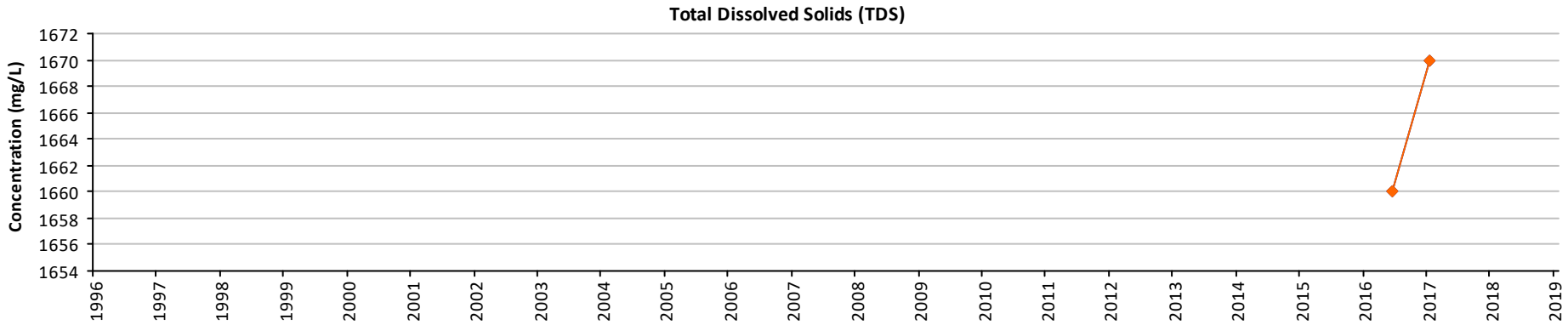

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
820
800
780
760
740
720
700
680
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1672
1670
1668
1666
1664
1662
1660
1658
1656
1654
1996
1997
1998
1999
2000
2001
2002
2003
2004
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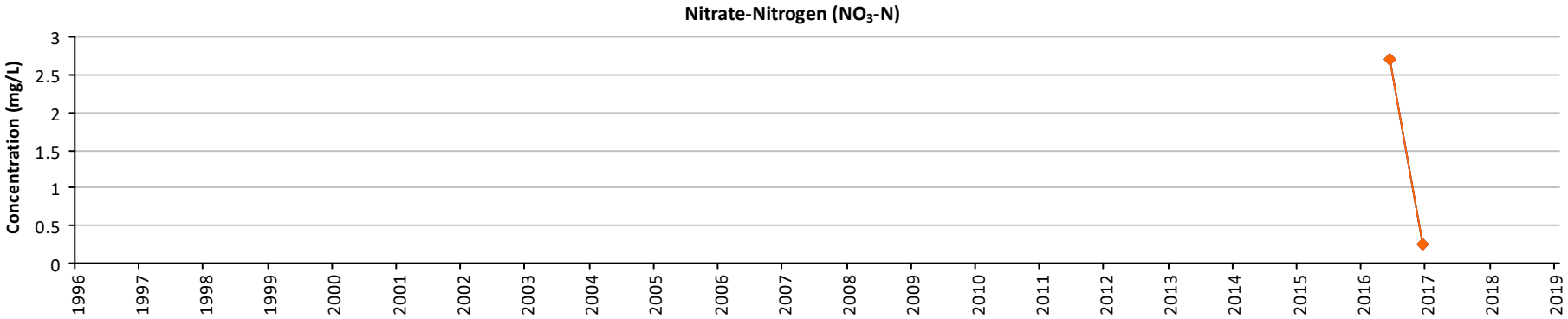
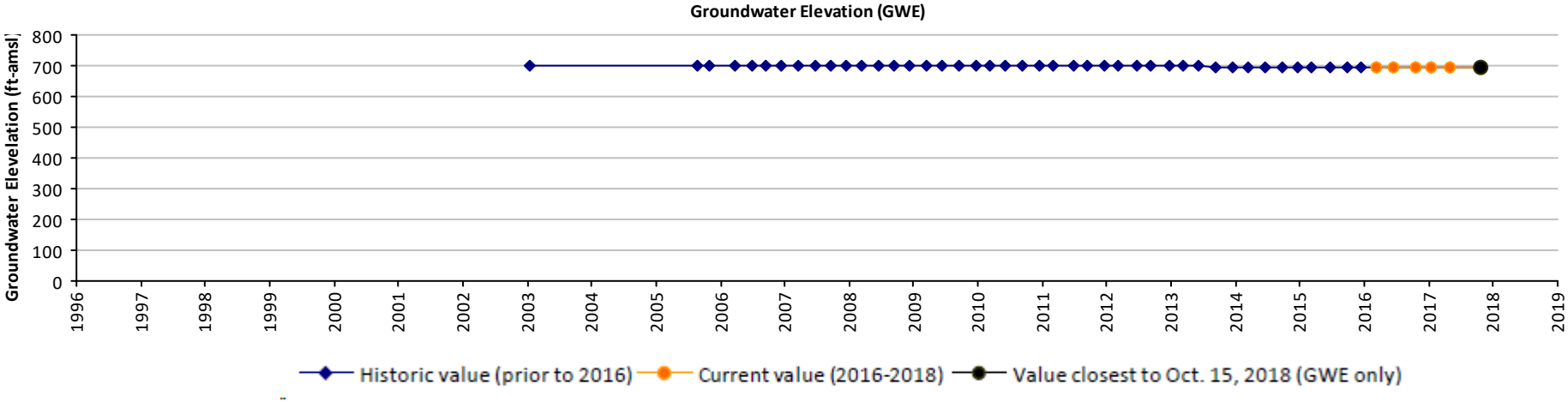
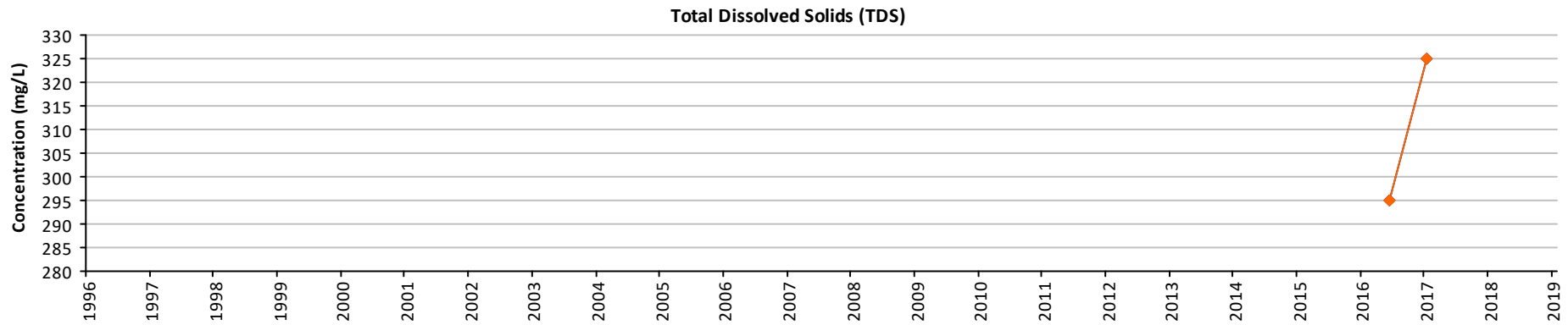
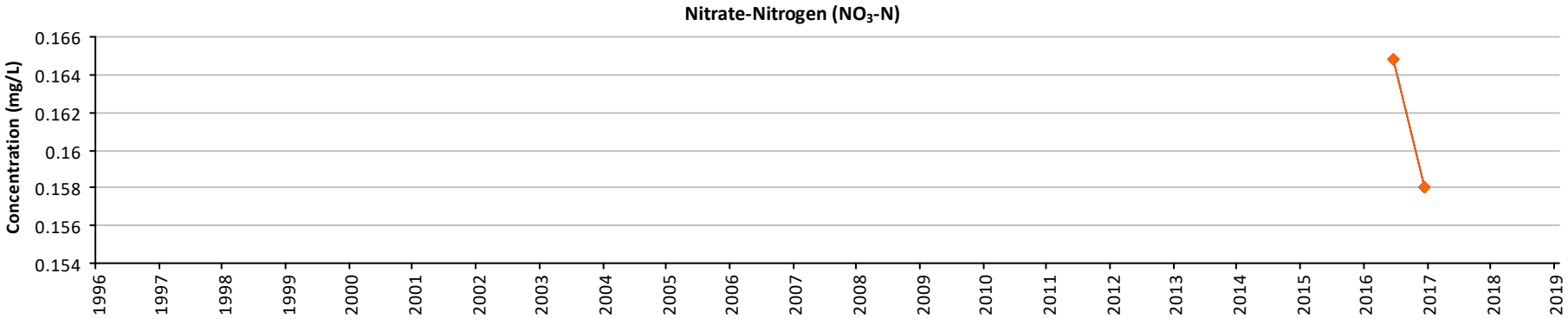
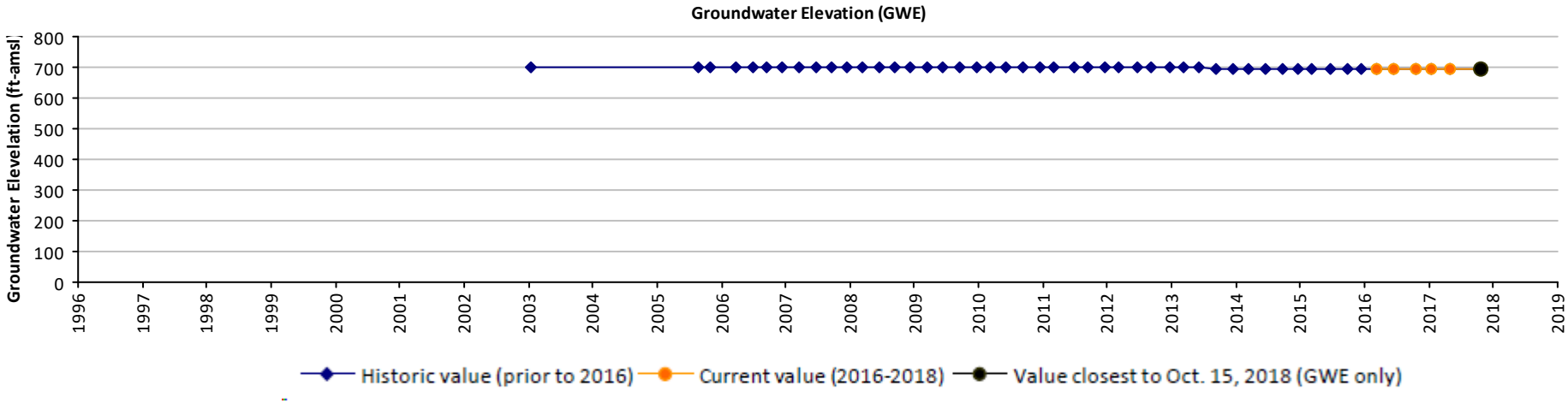
2016
2017
2018
2019

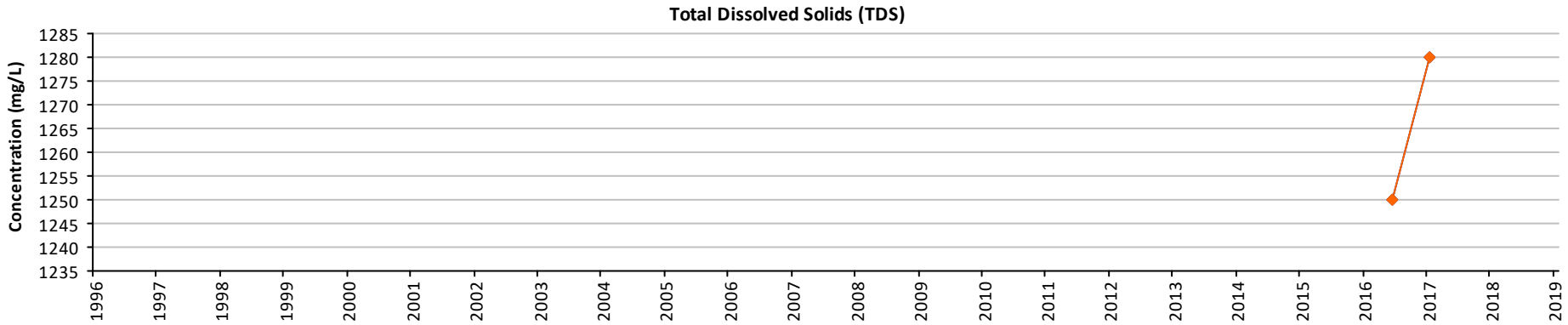

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
330
325
320
315
310
305
300
295
290
285
280
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.166
0.164
0.162
0.16
0.158
0.156
0.154
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1285
1280
1275
1270
1265
1260
1255
1250
1245
1240
1235
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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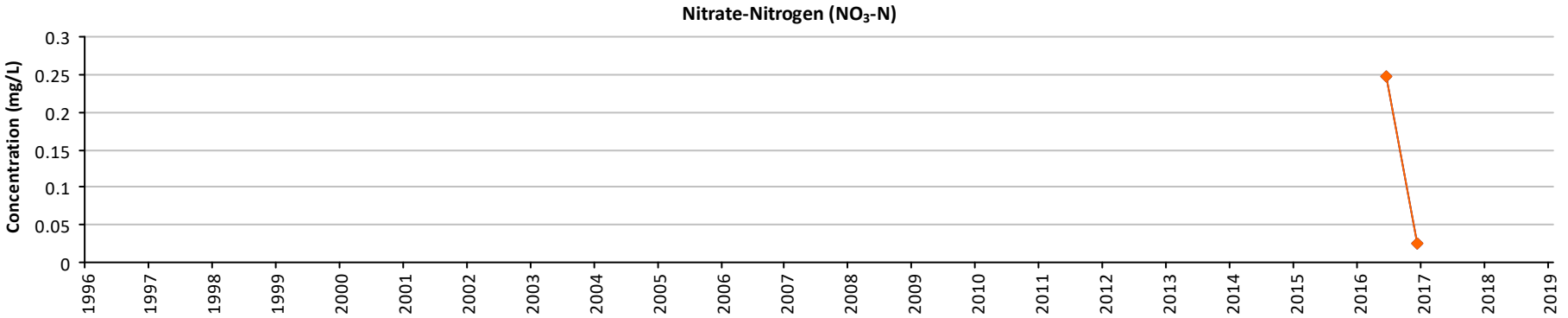
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
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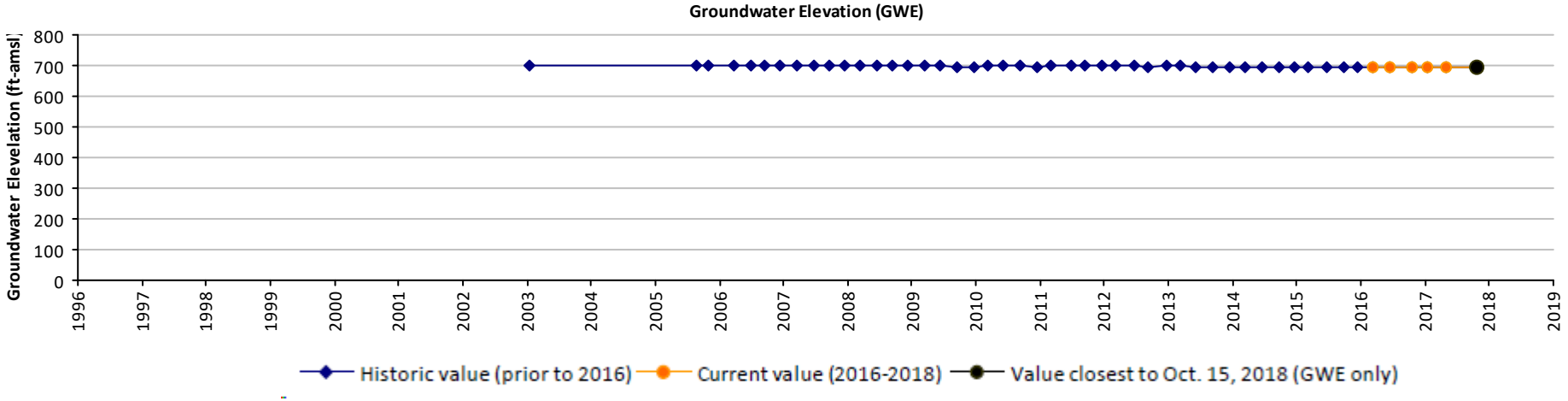
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
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2015
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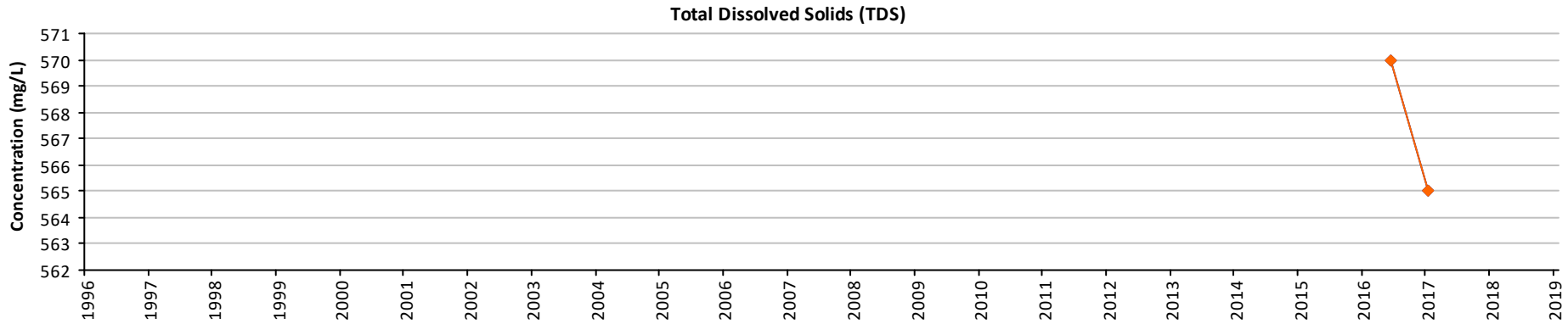
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
571
570
569
568
567
566
565
564
563
562
1996
1997
1998
1999
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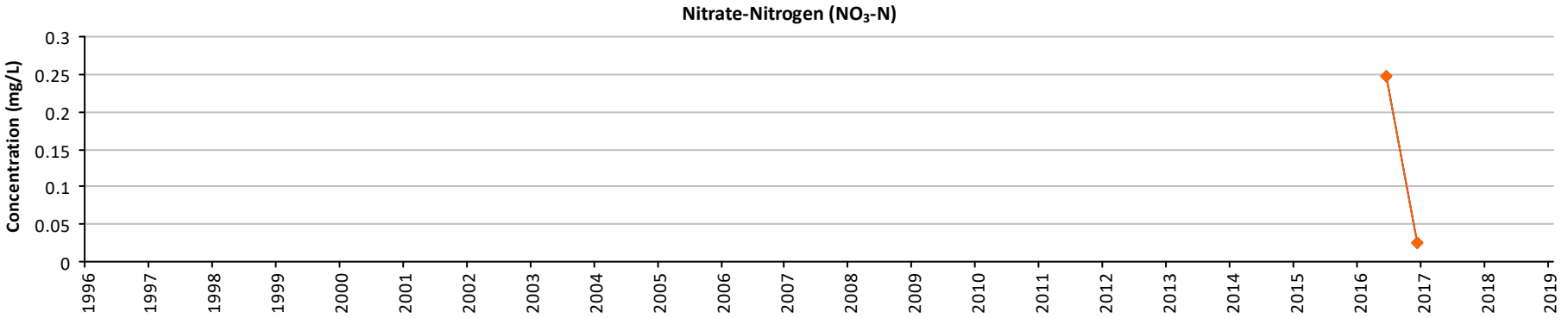
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
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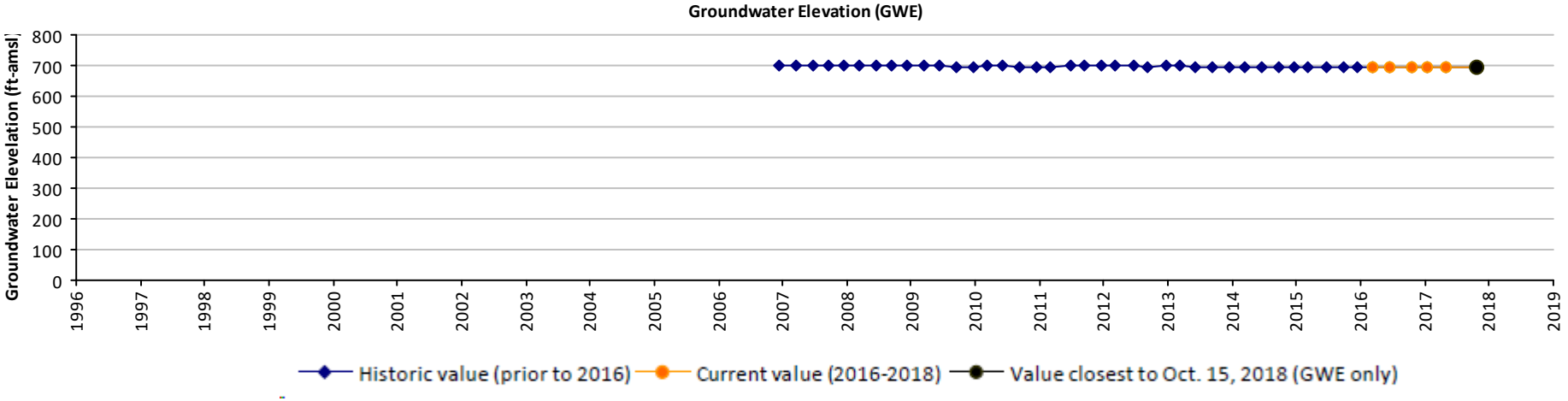
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
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1998
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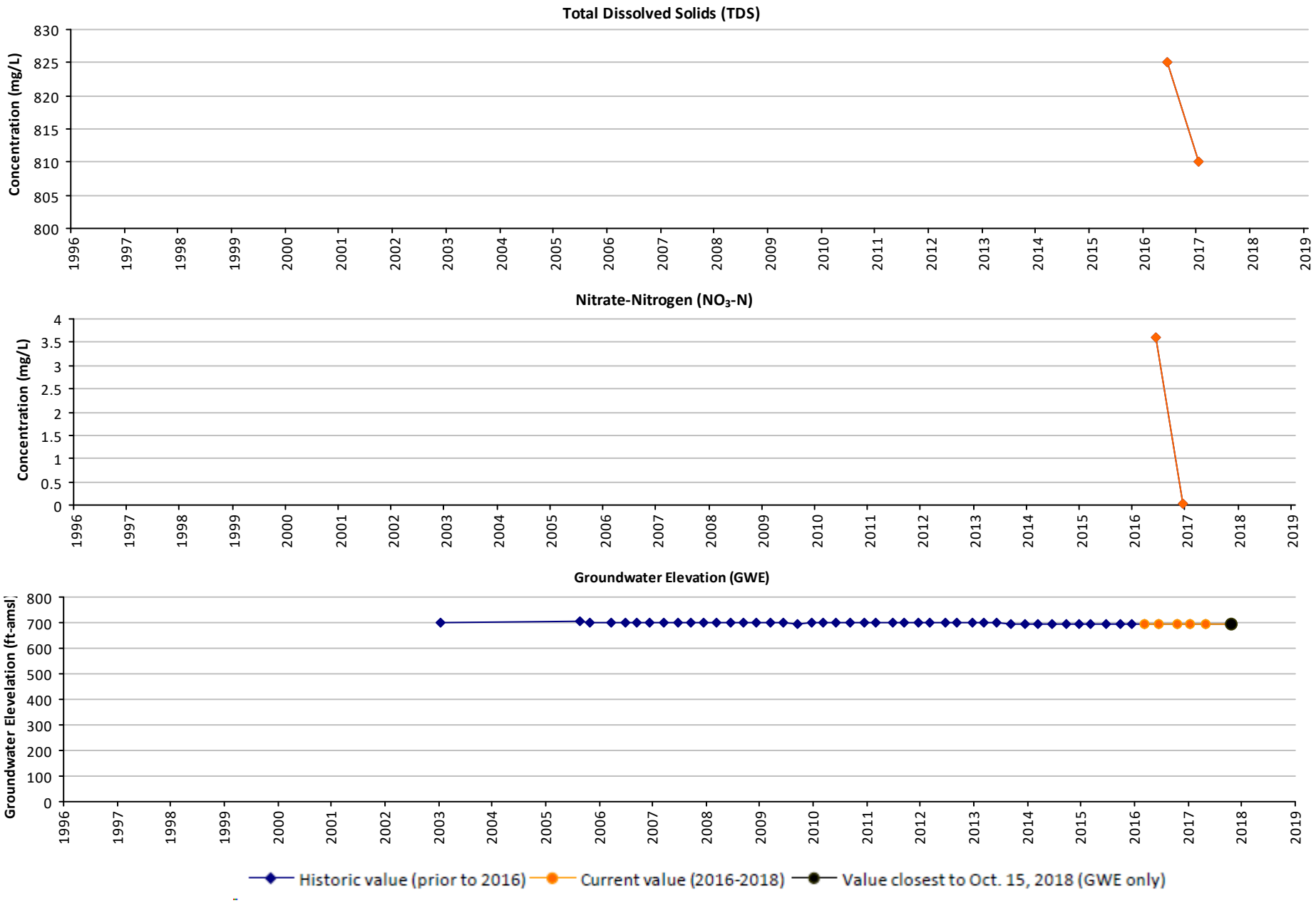
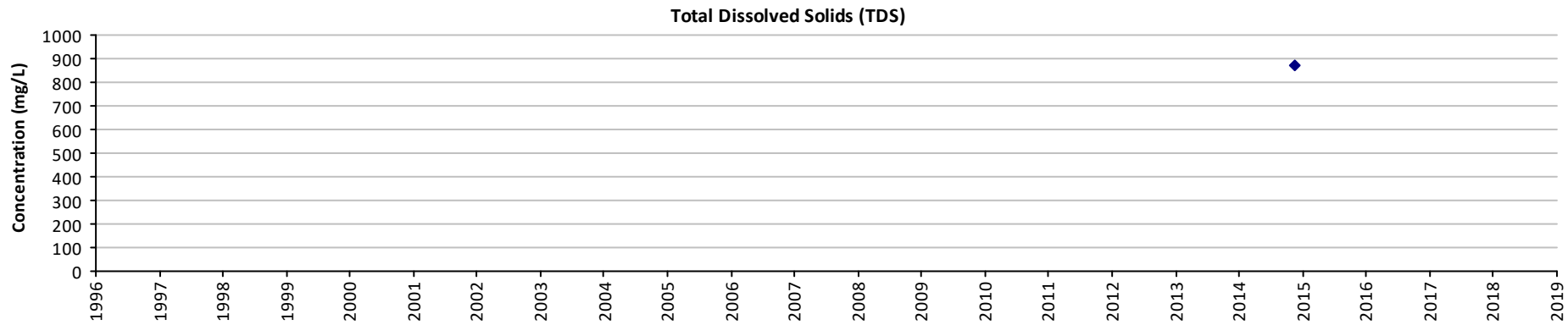
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
830
825
820
815
810
805
800
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
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200
100
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1996
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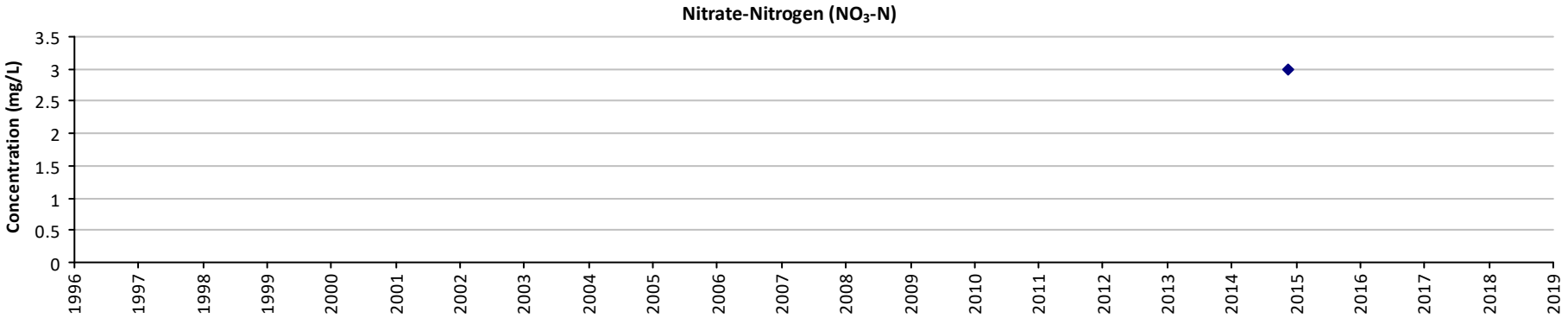
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
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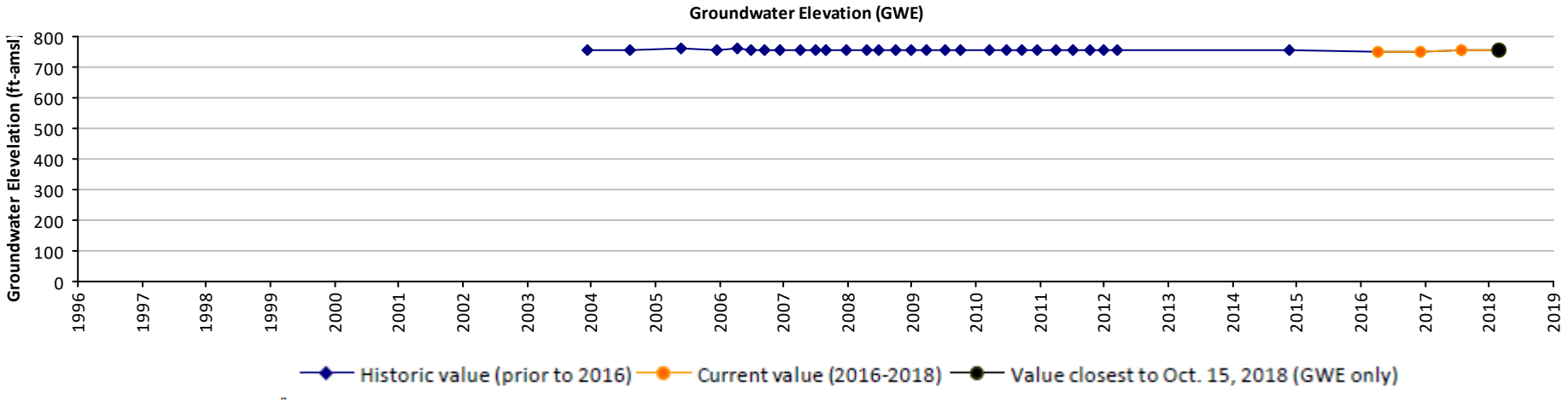
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
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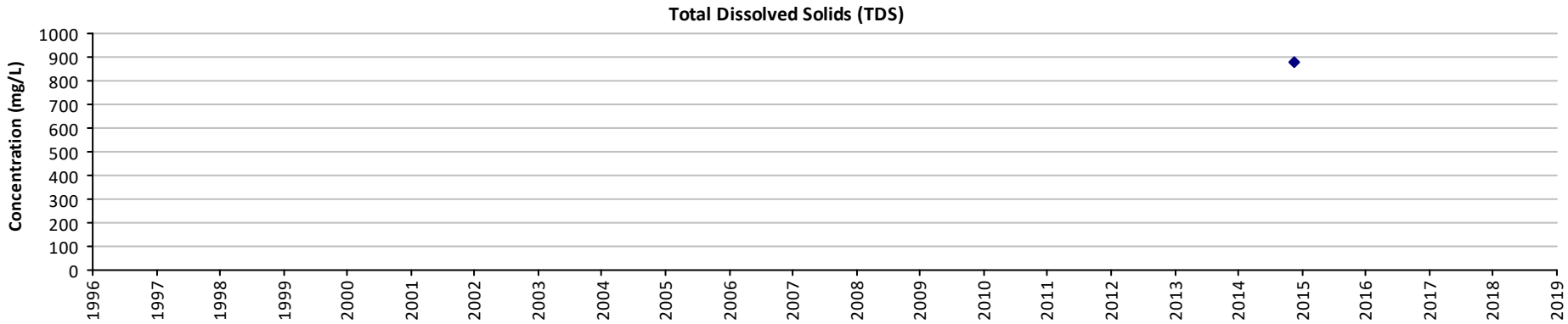
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
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400
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200
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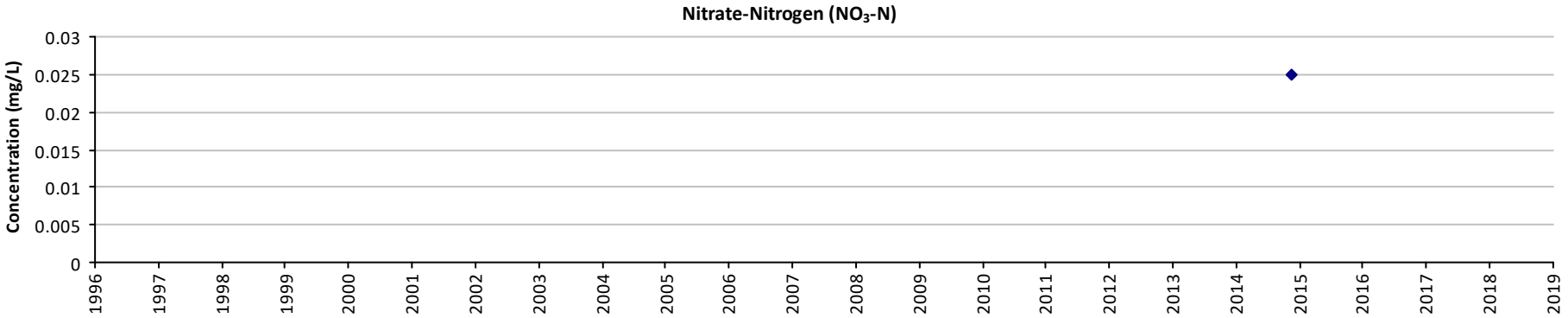
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
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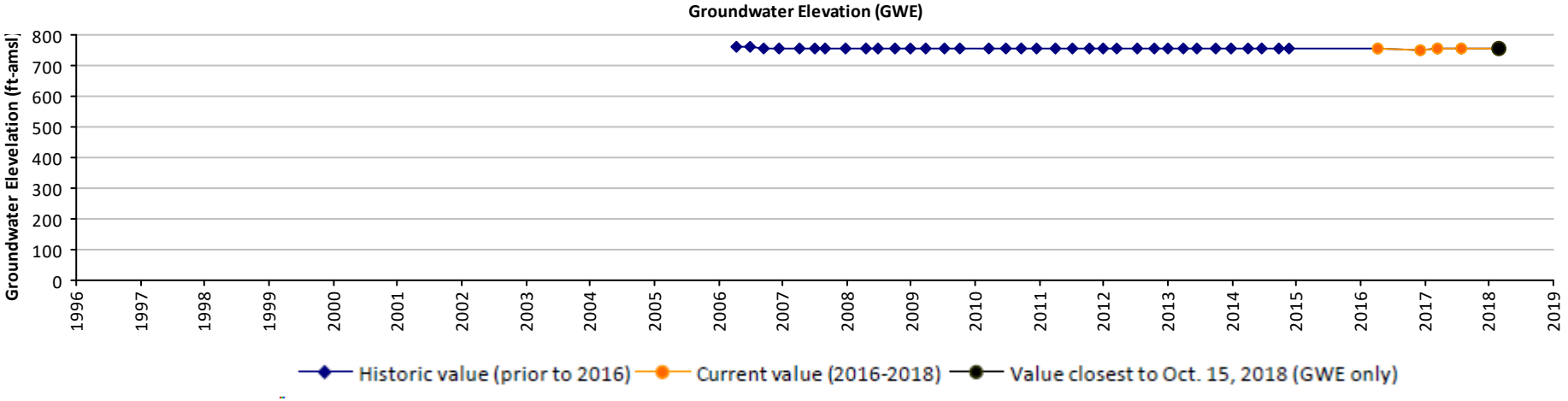
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
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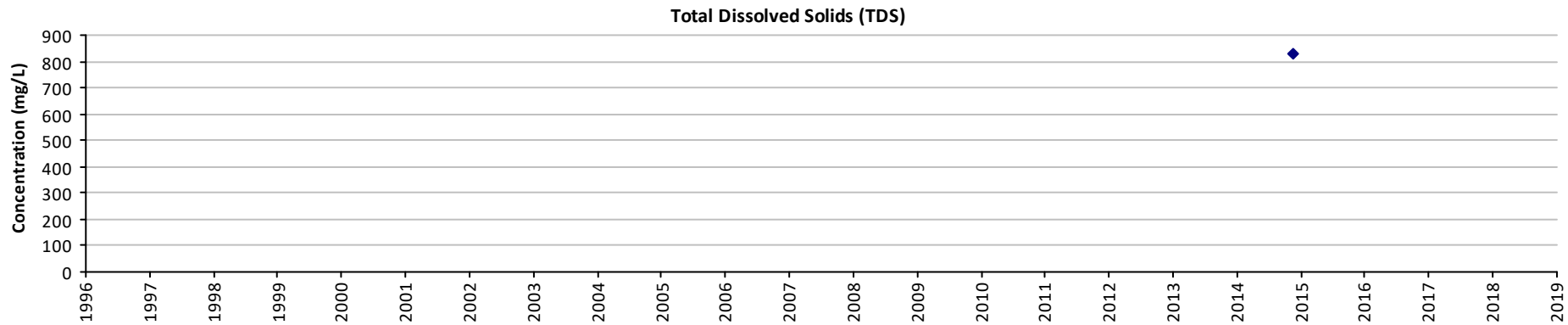
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
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1996
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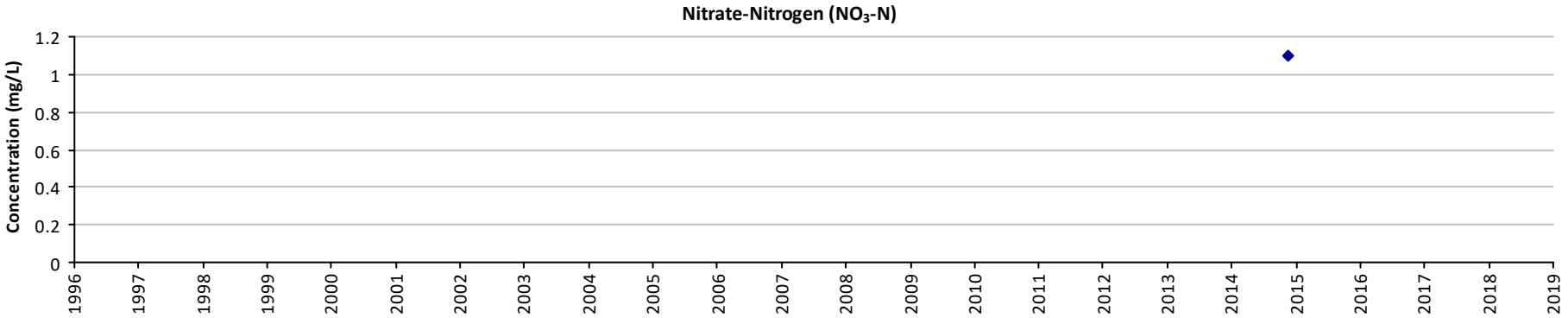
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
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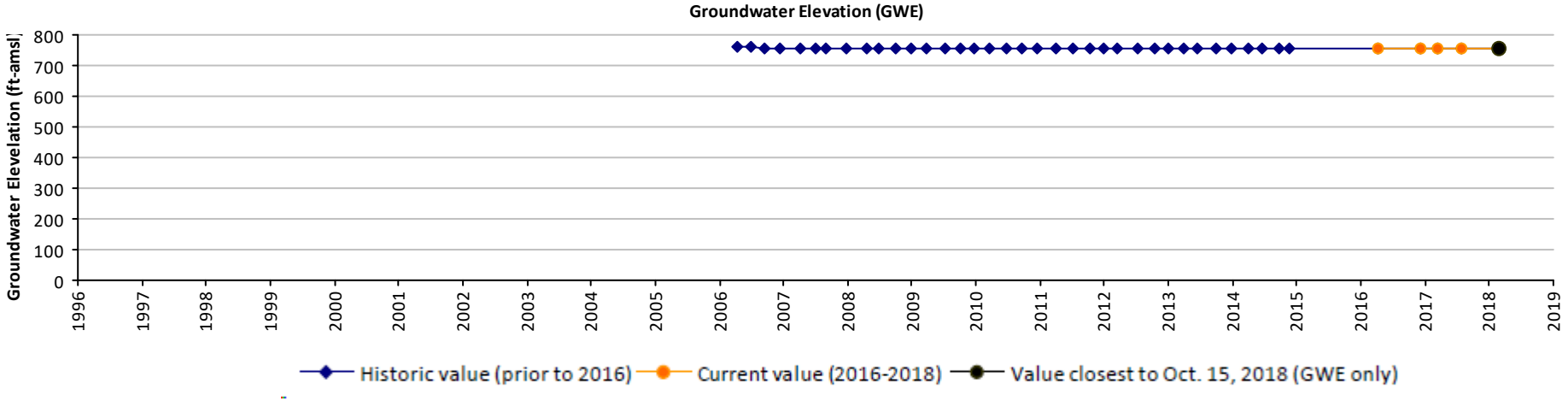
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
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1996
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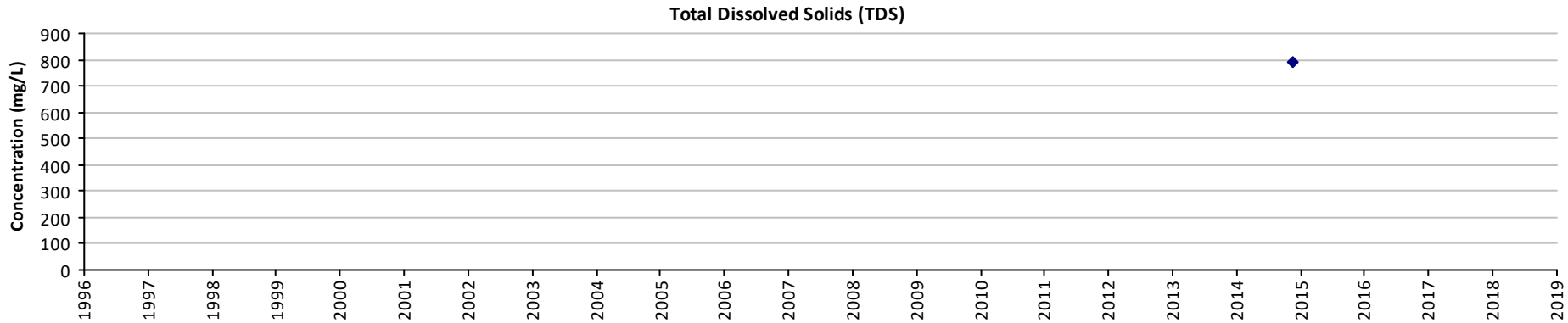
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
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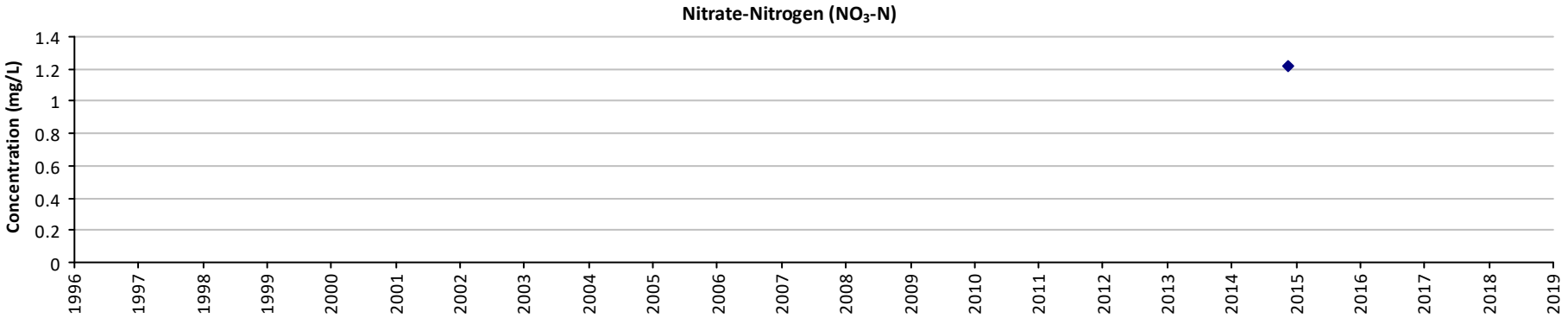
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1996
1997
1998
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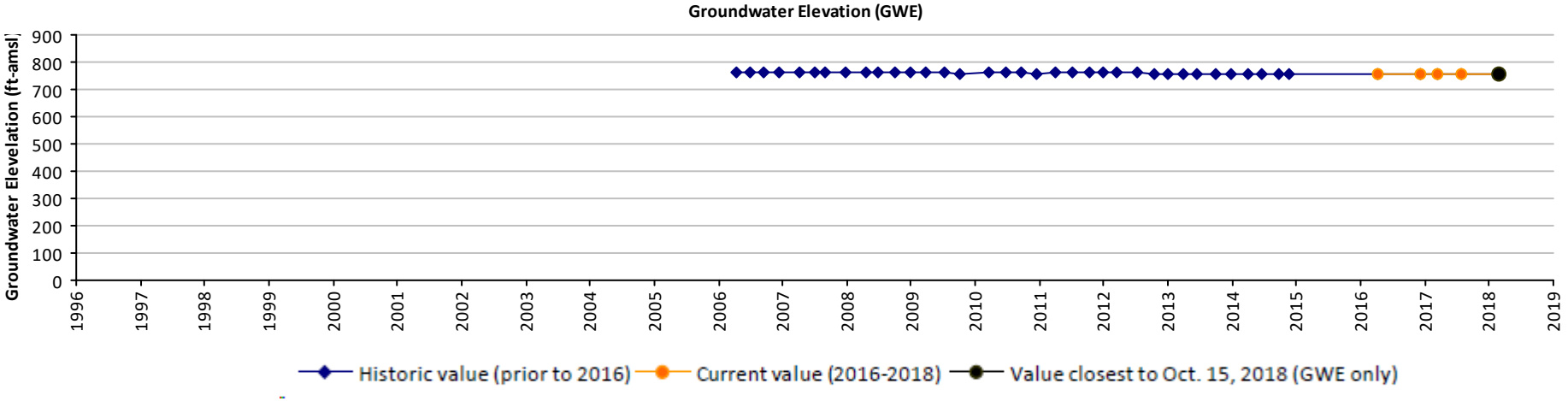
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
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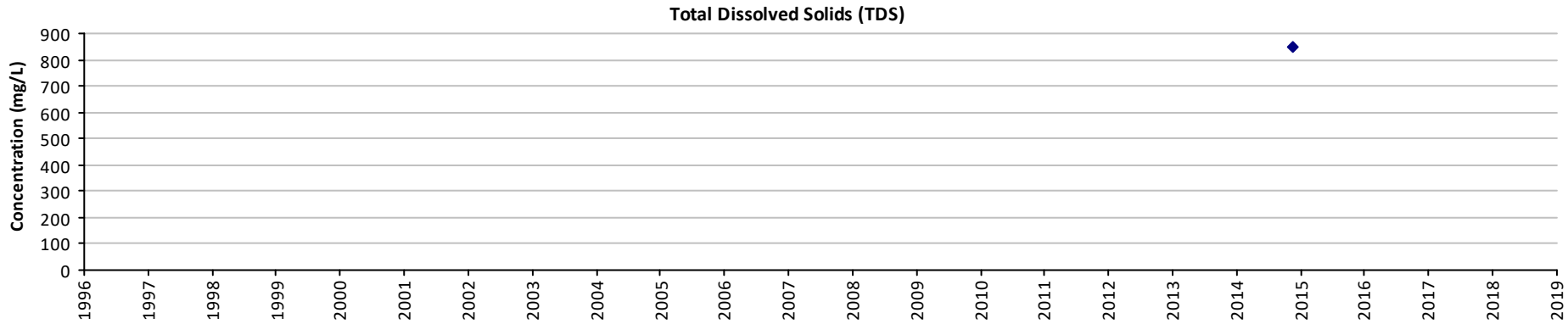
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
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1996
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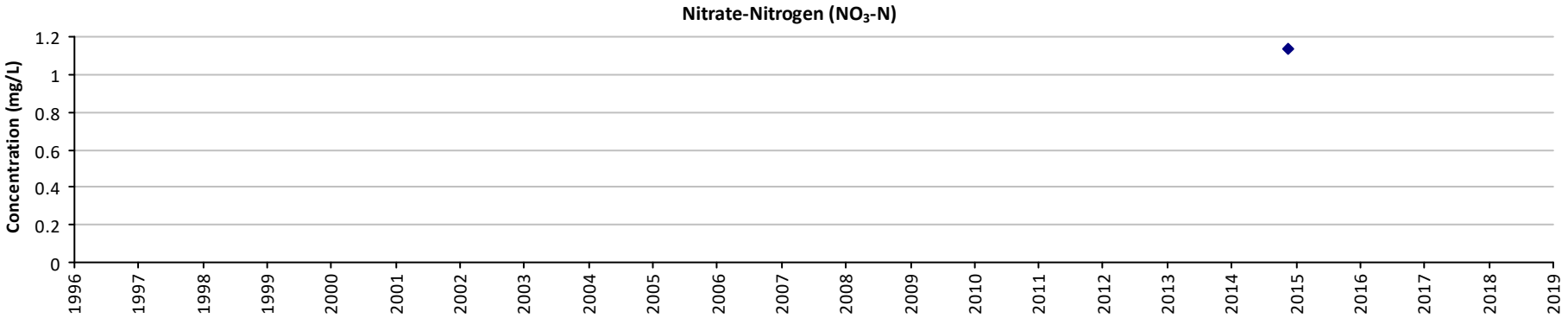
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
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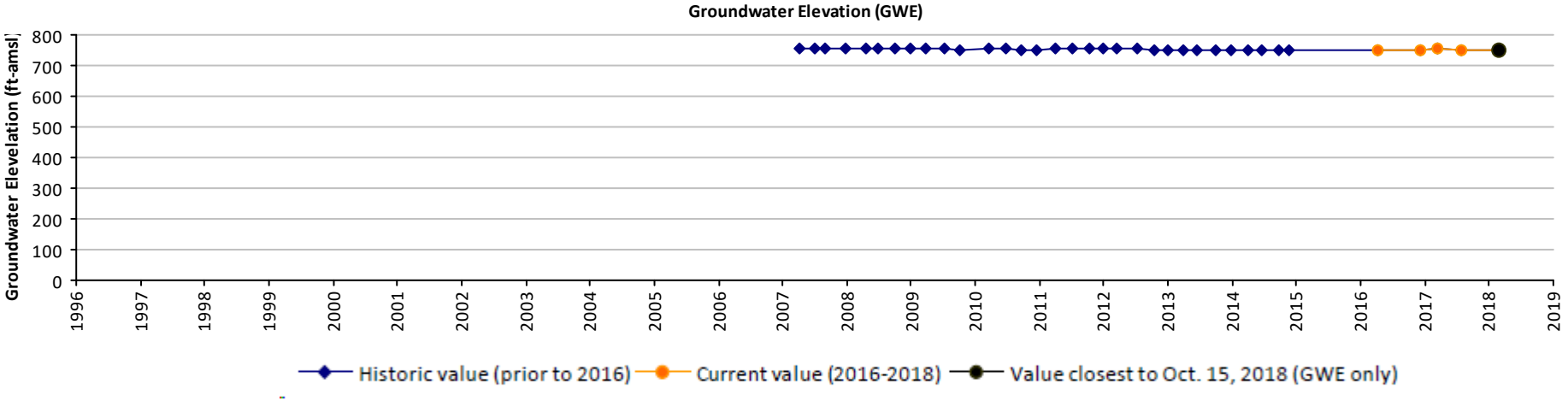
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
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1996
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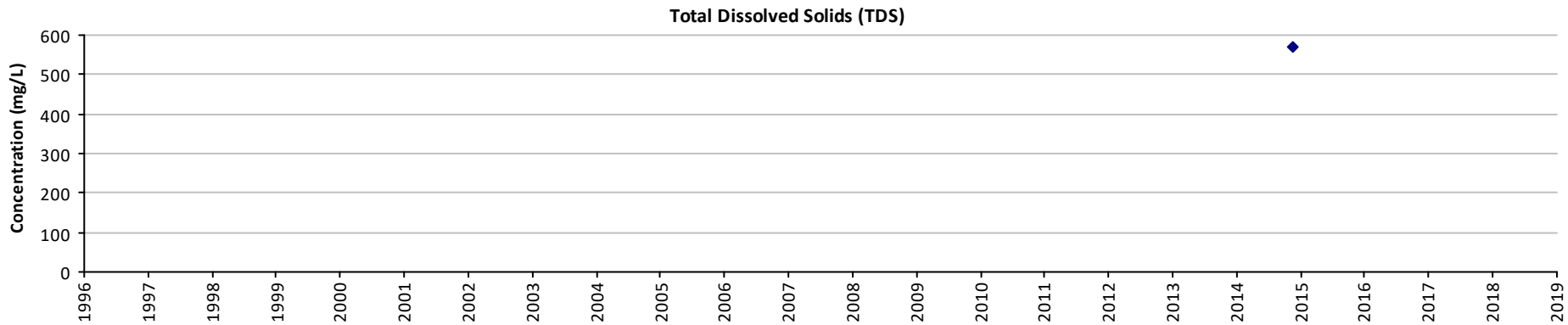
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
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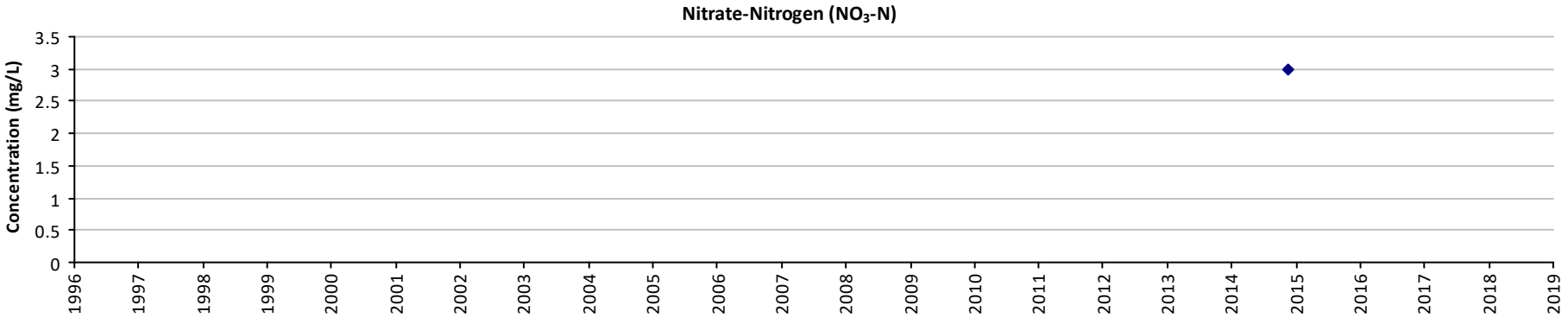
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
1996
1997
1998
1999
2000
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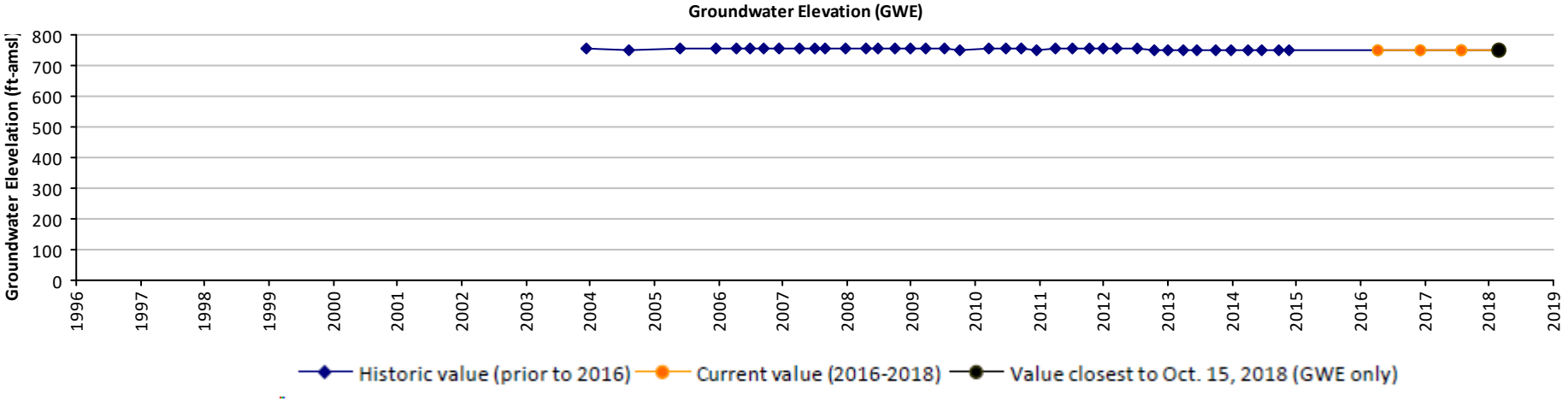
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
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1998
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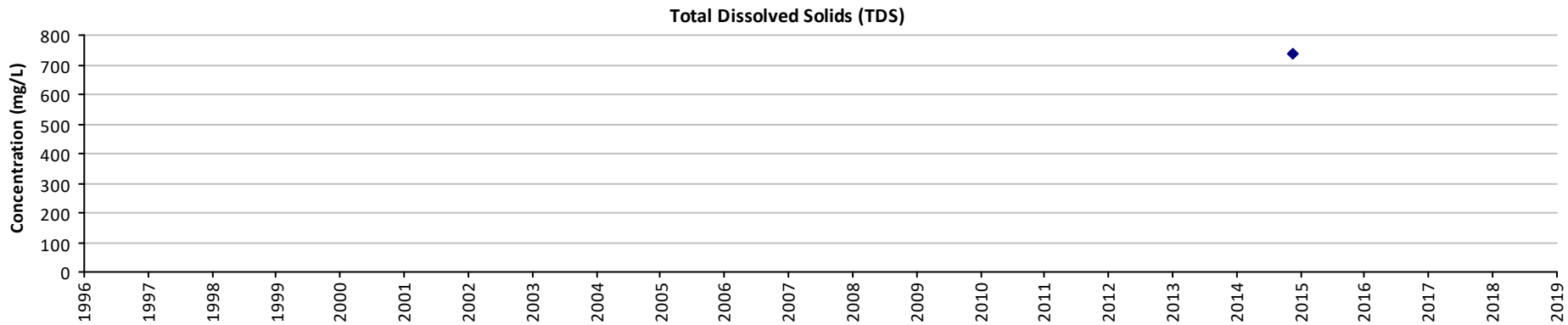
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
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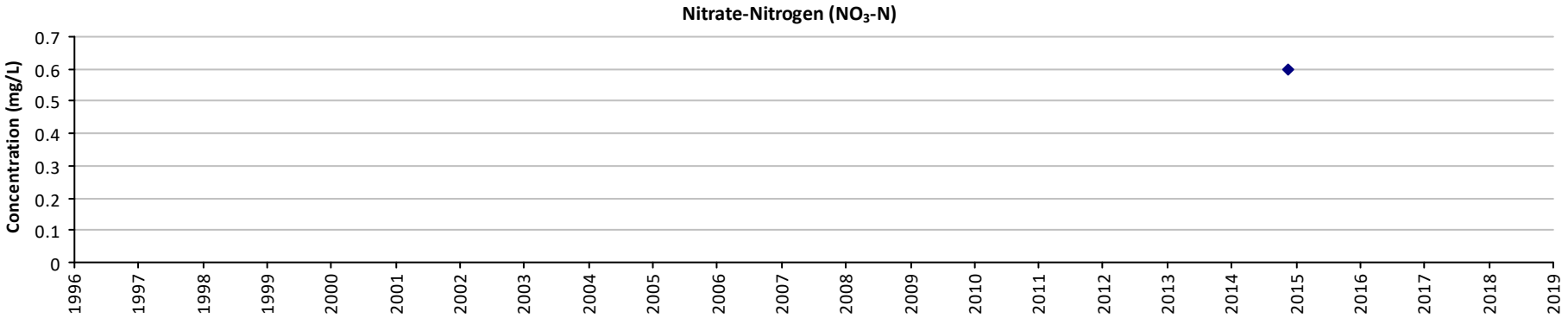
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
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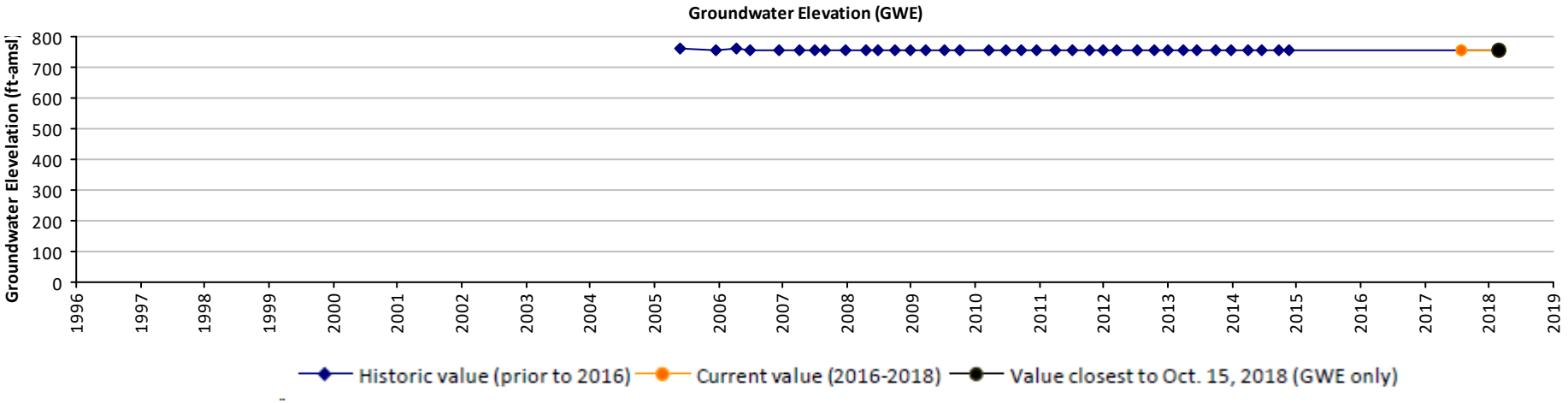
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
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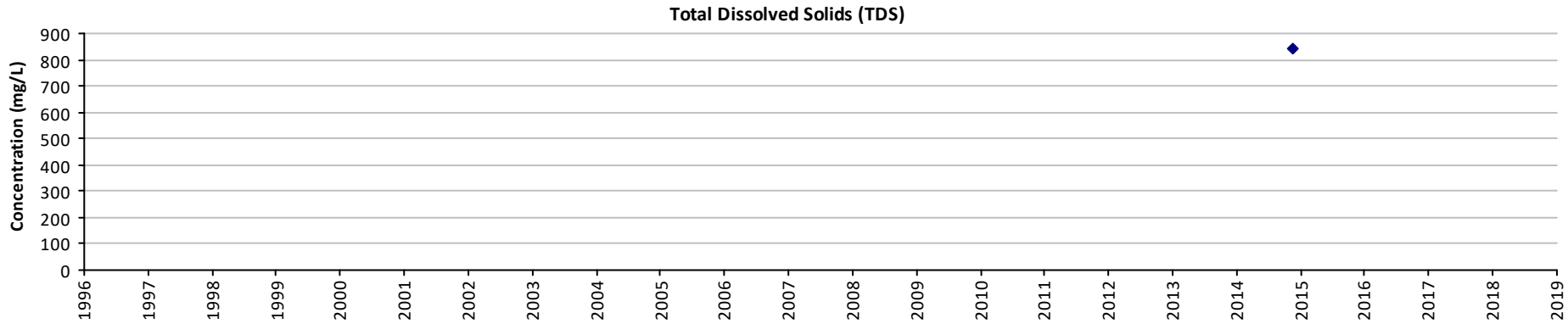
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
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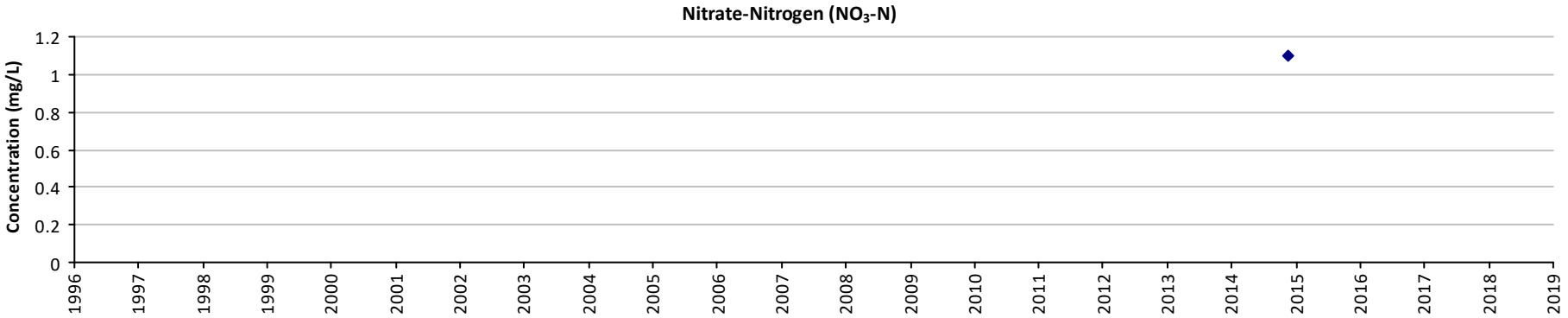
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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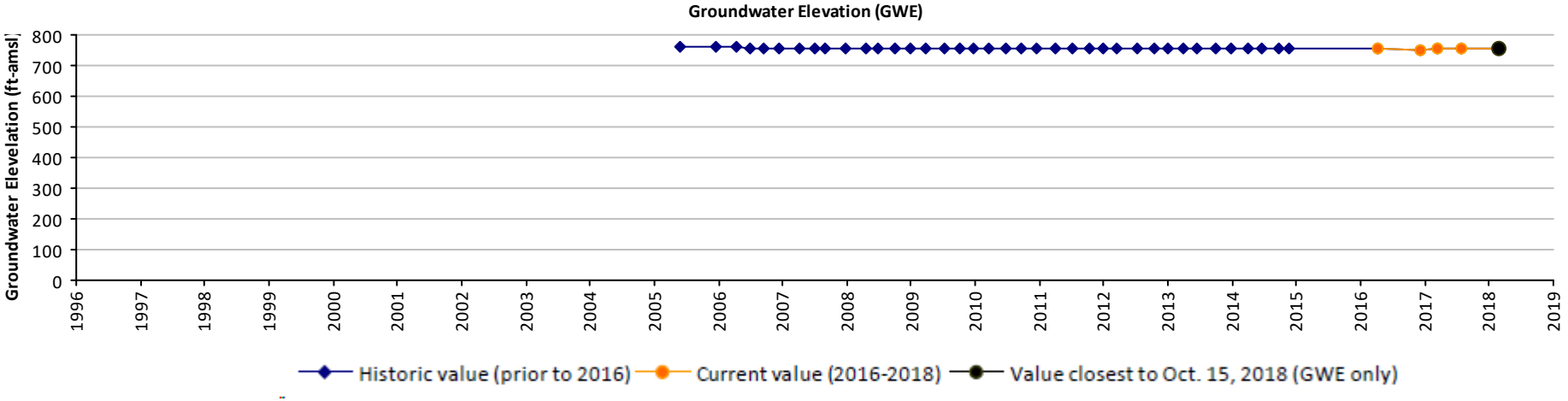
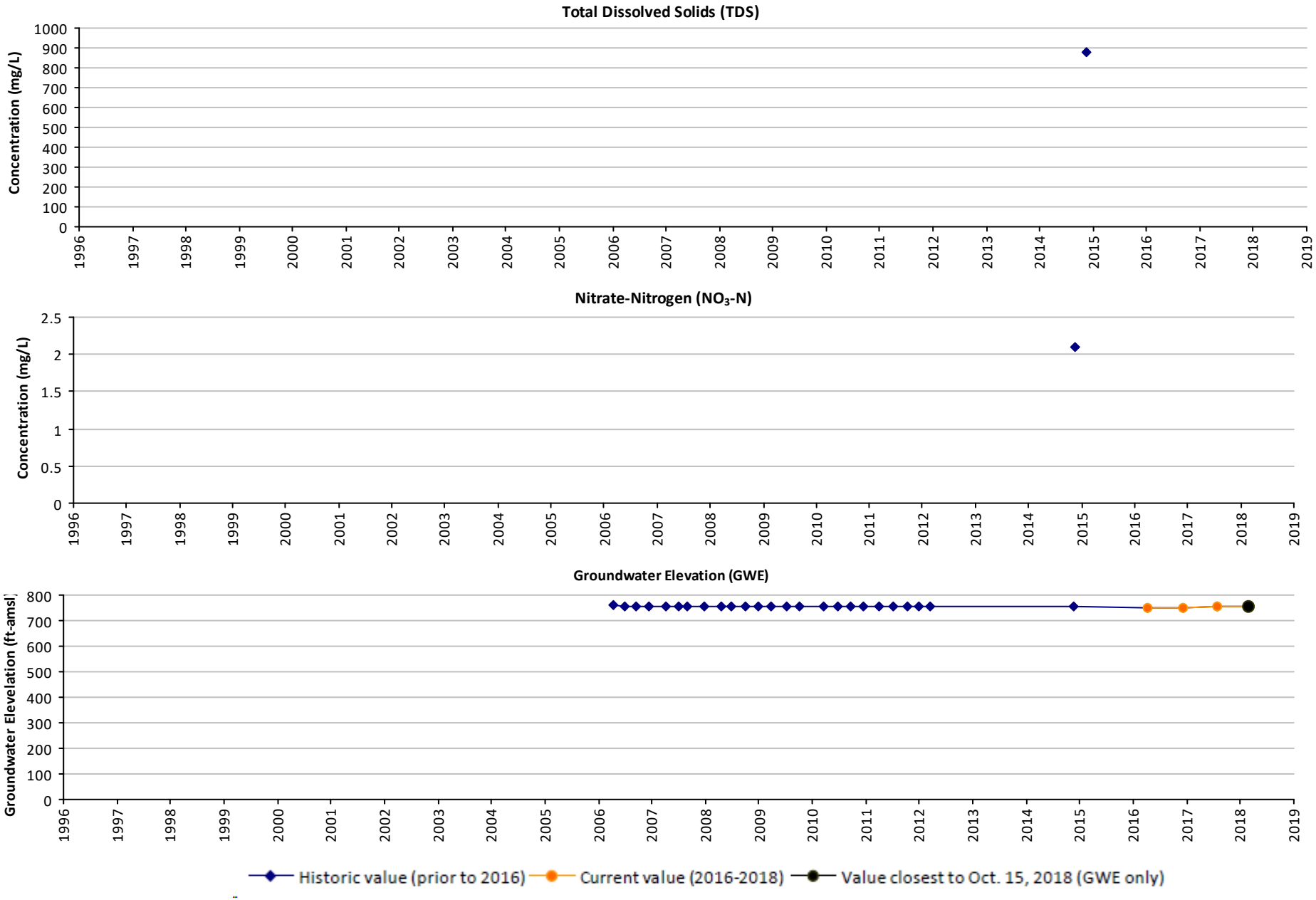
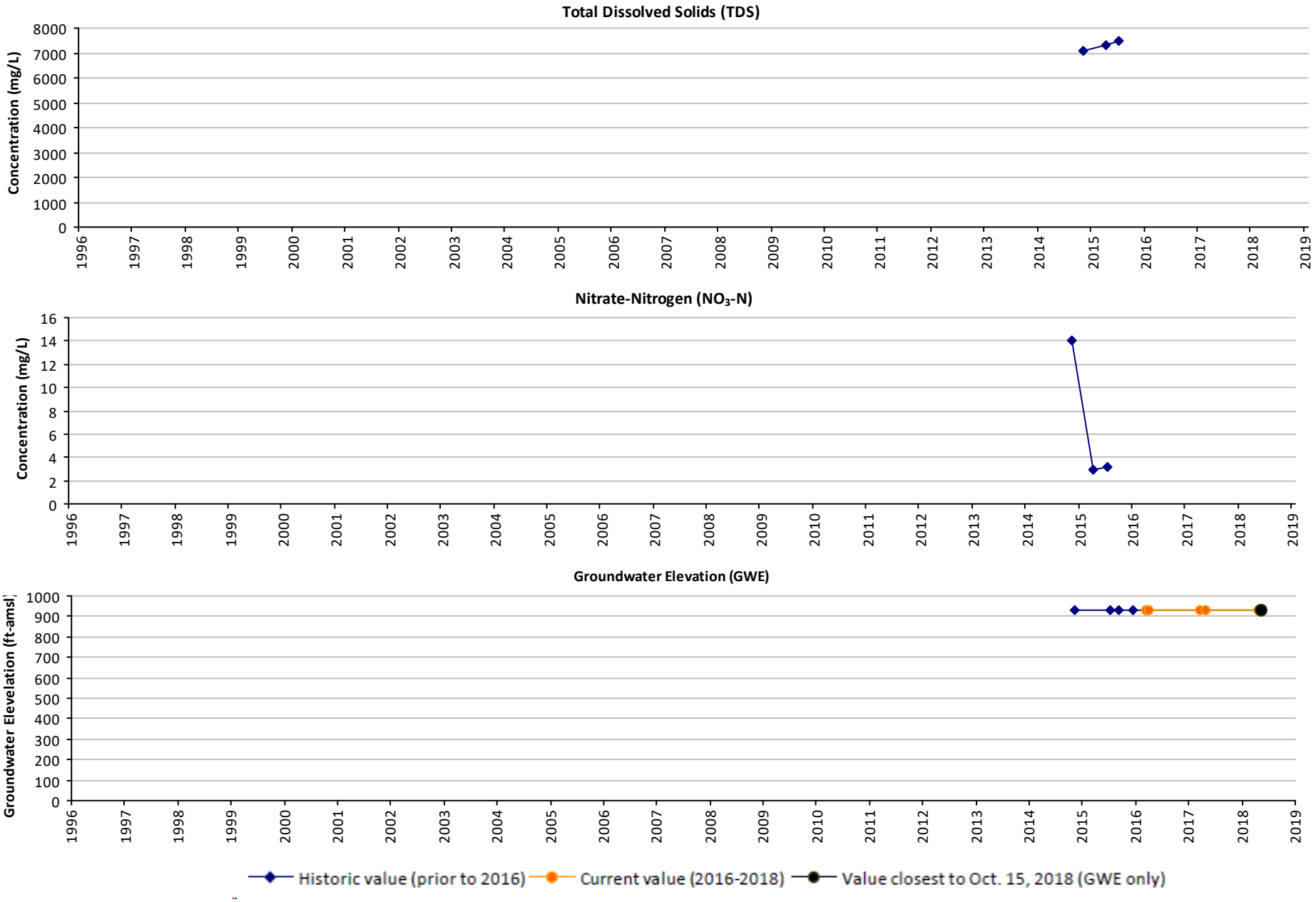
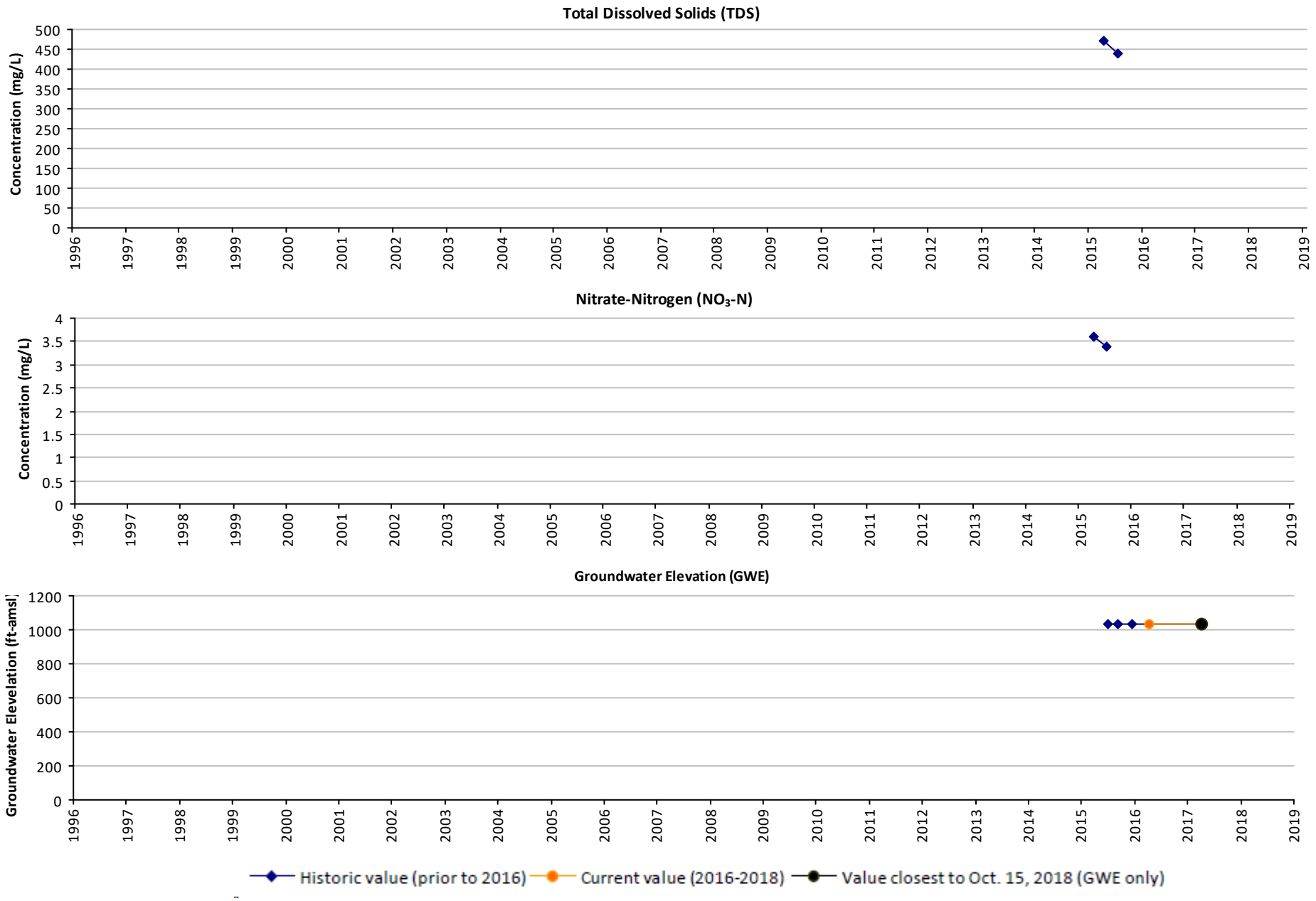
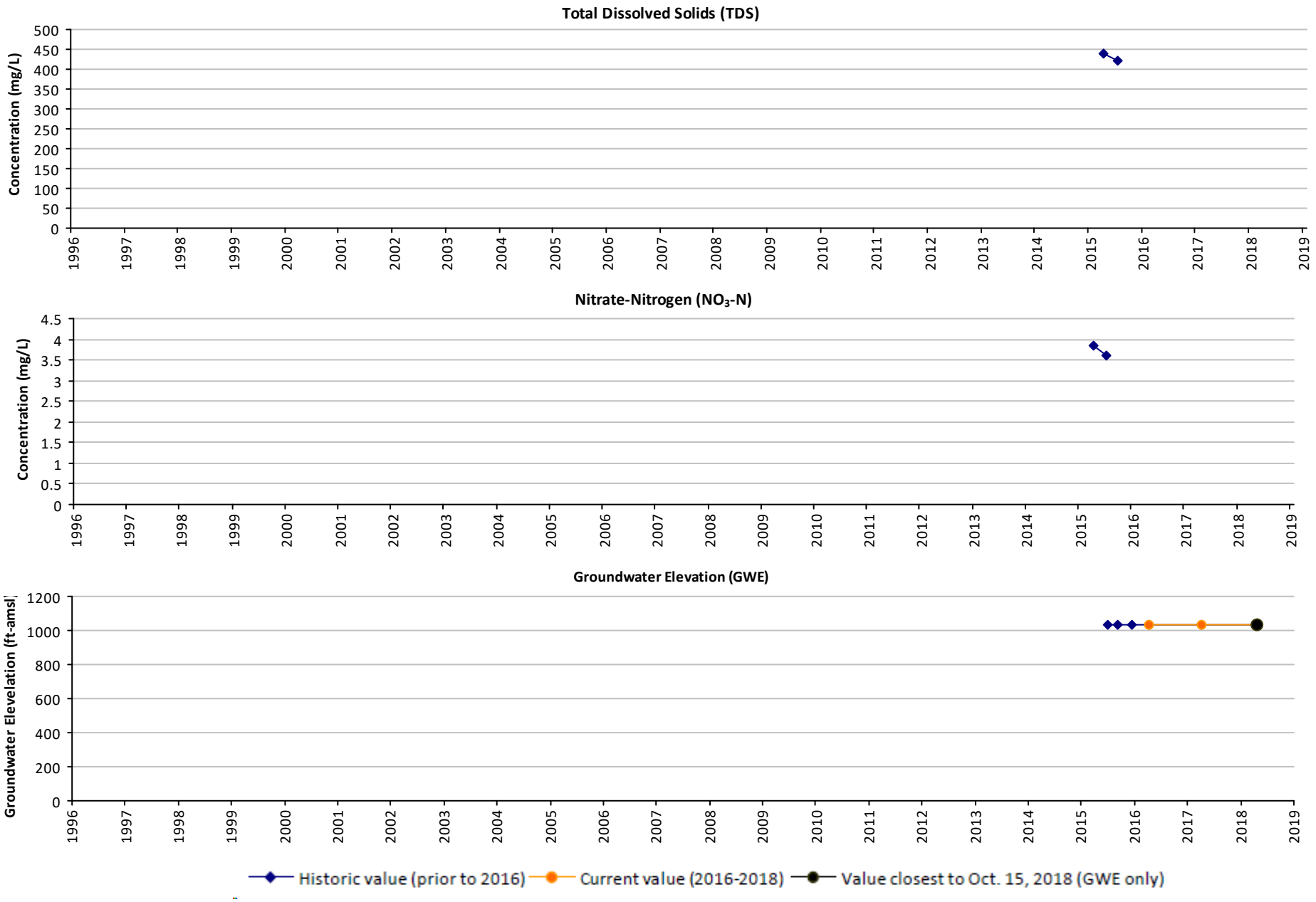
2018
2019

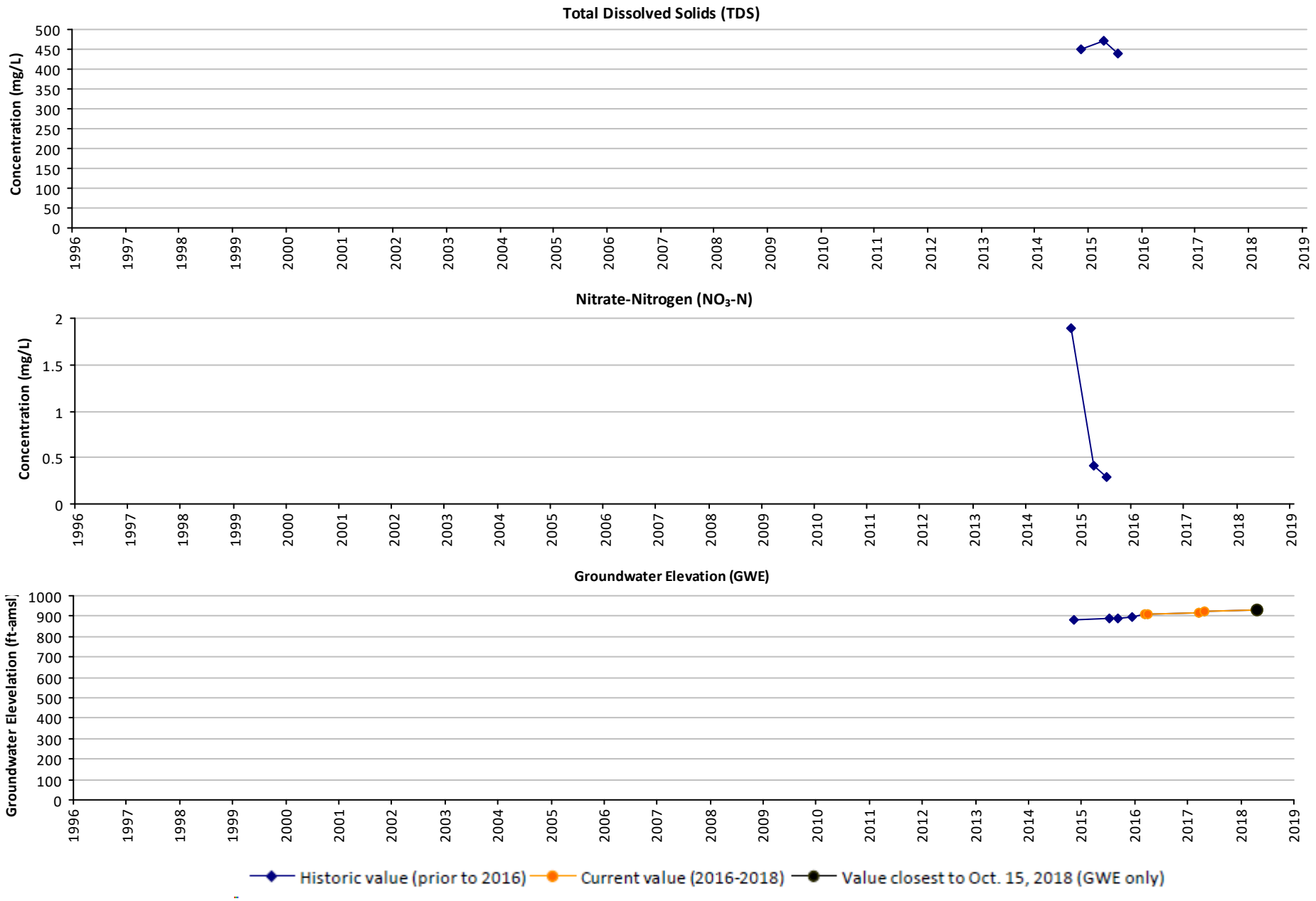

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

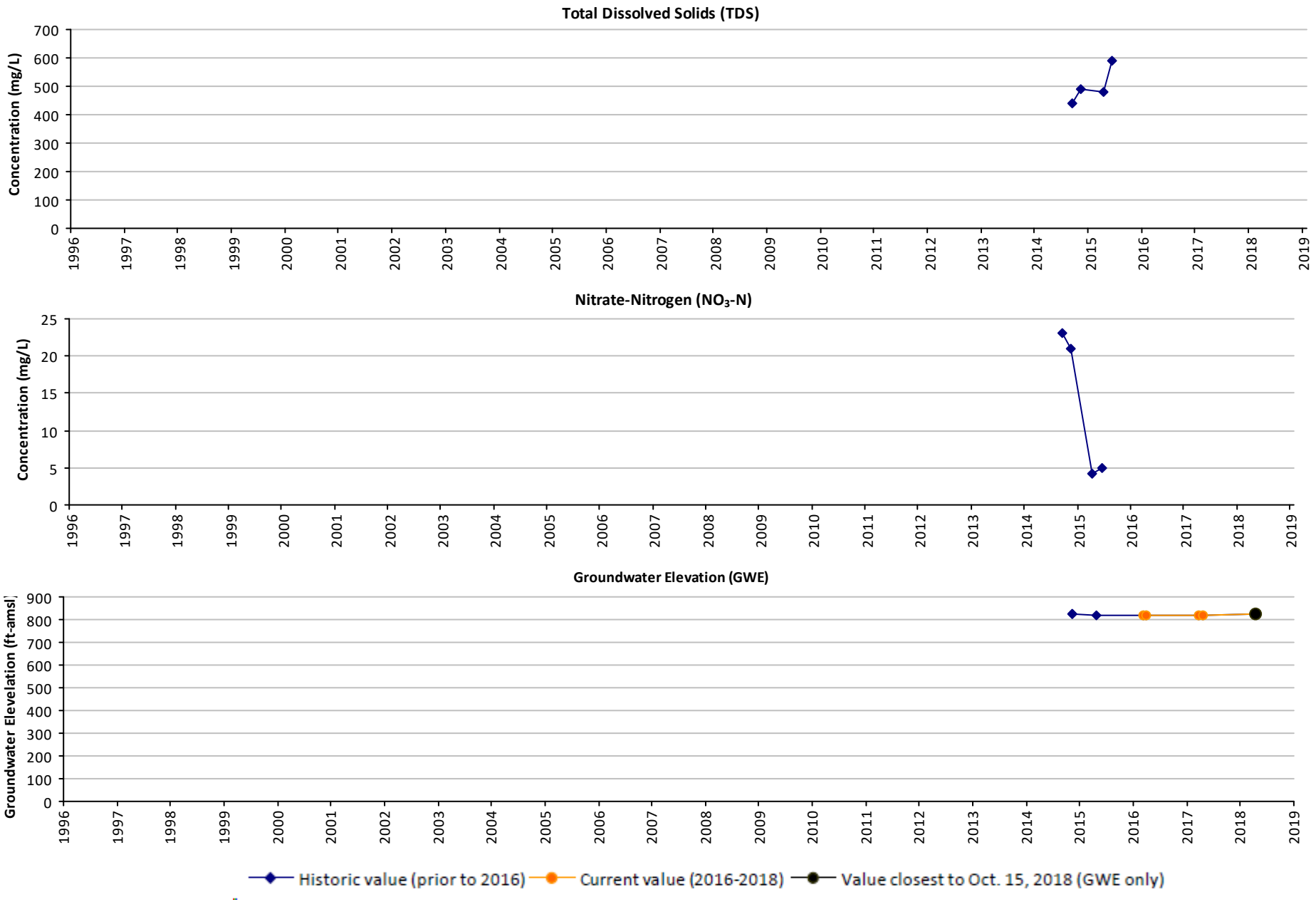

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

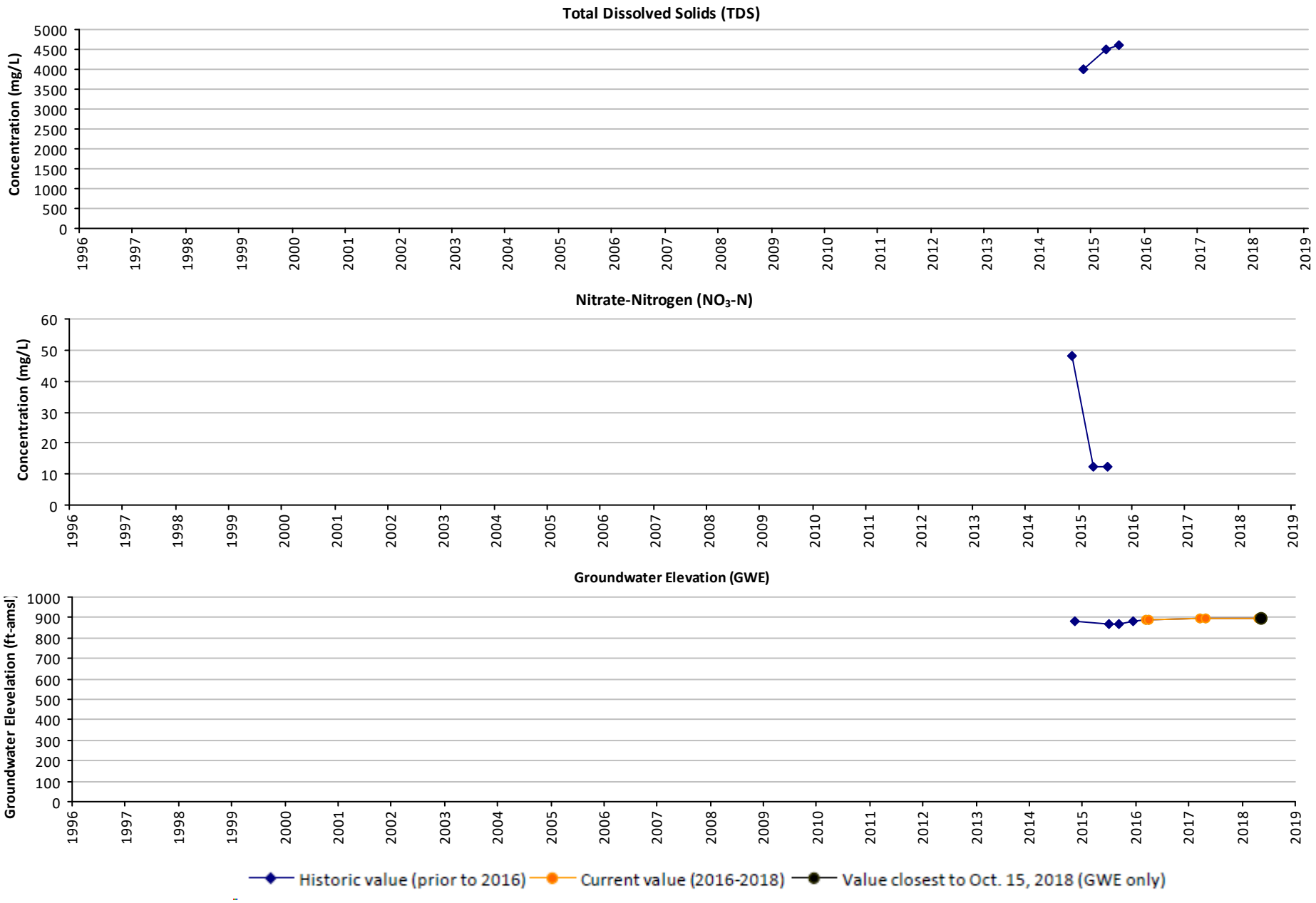

Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

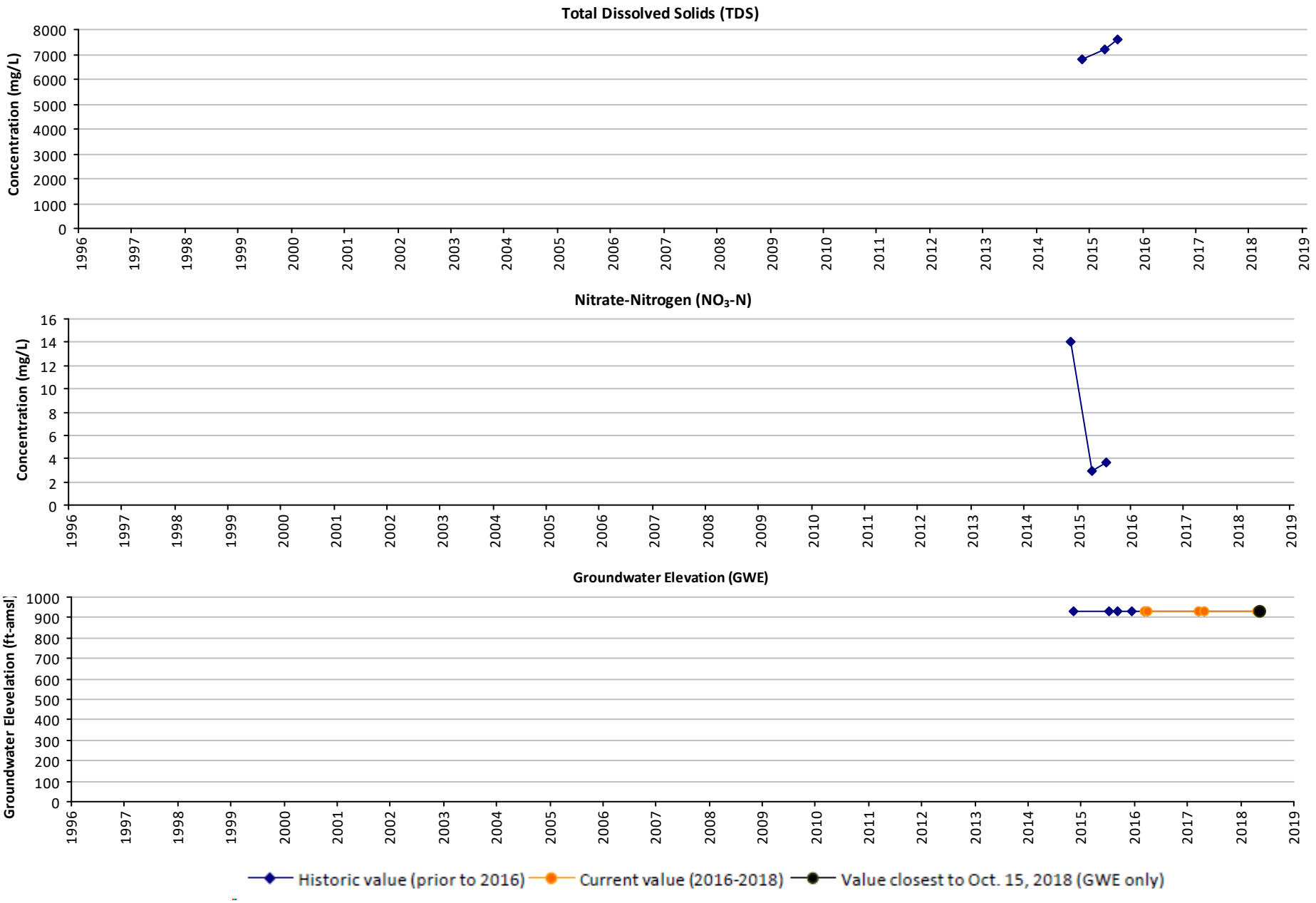

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

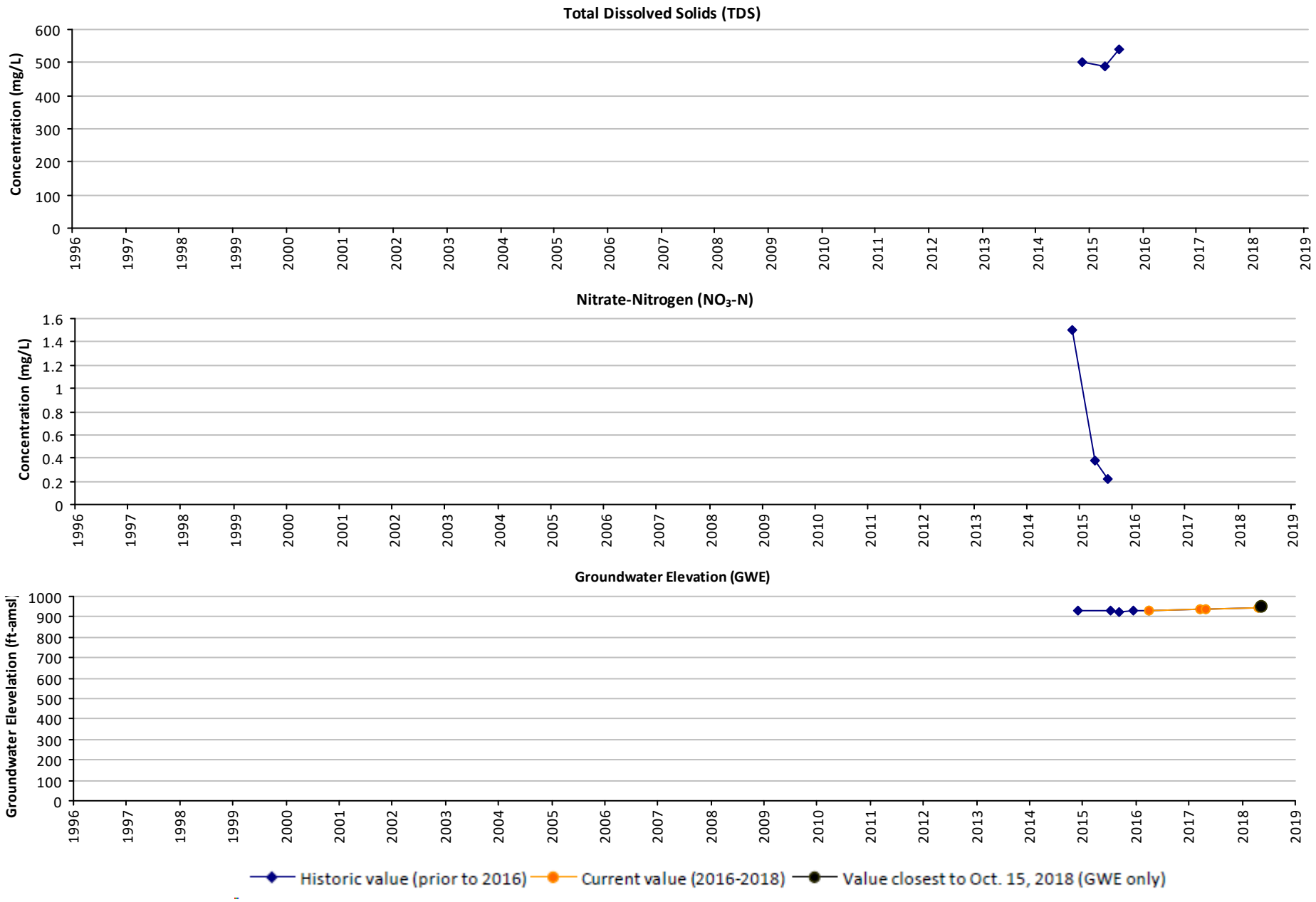

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

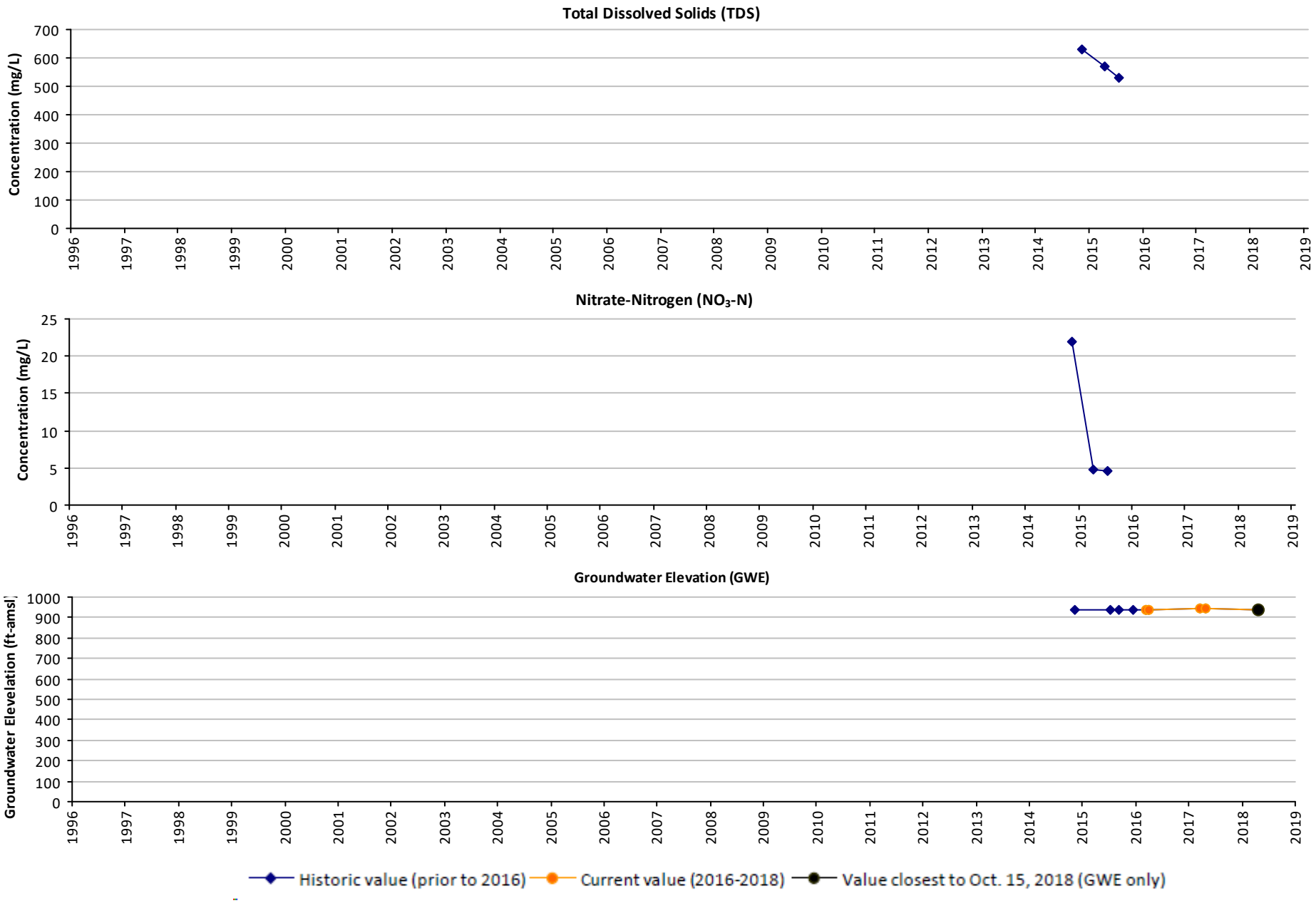

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

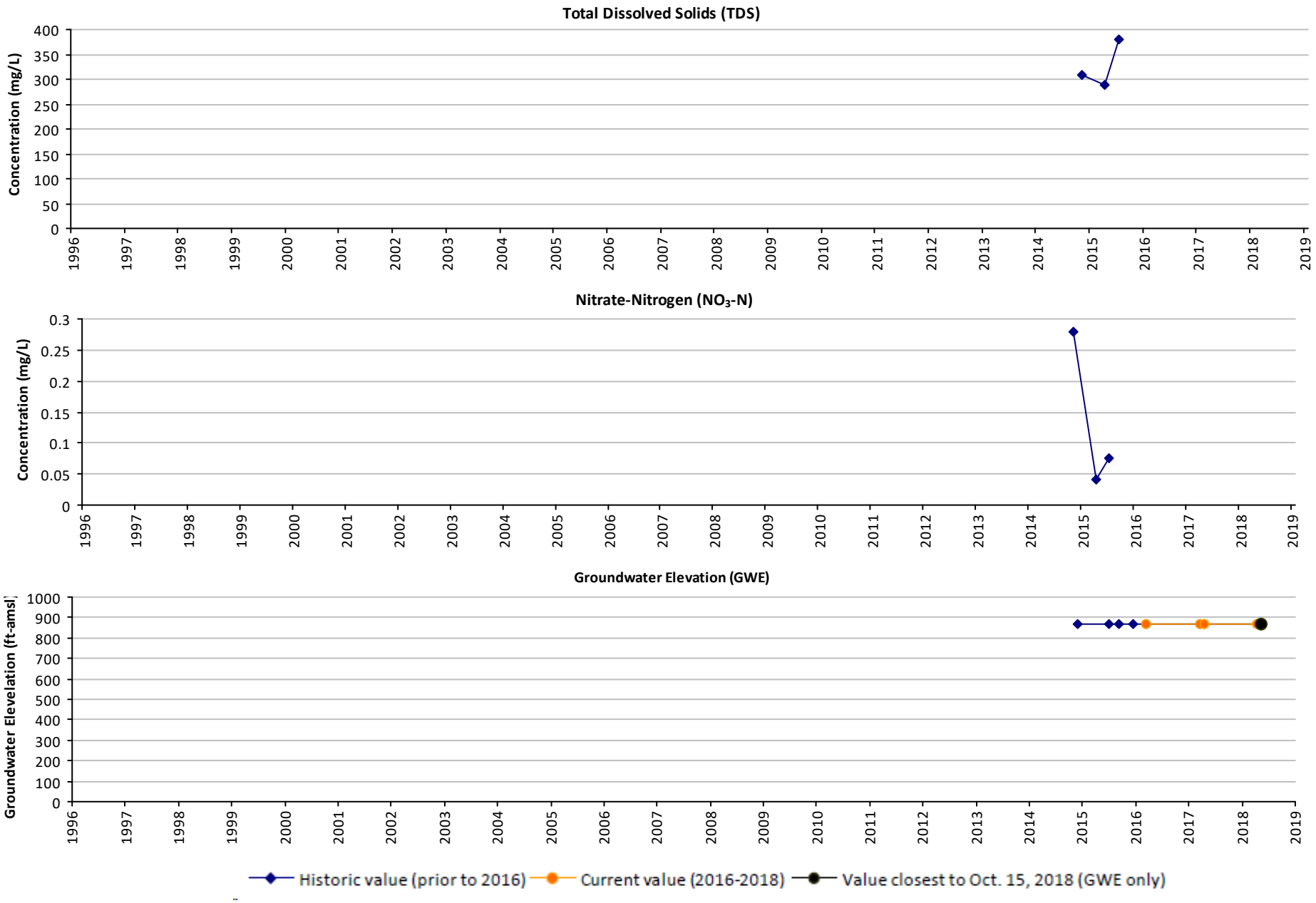

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

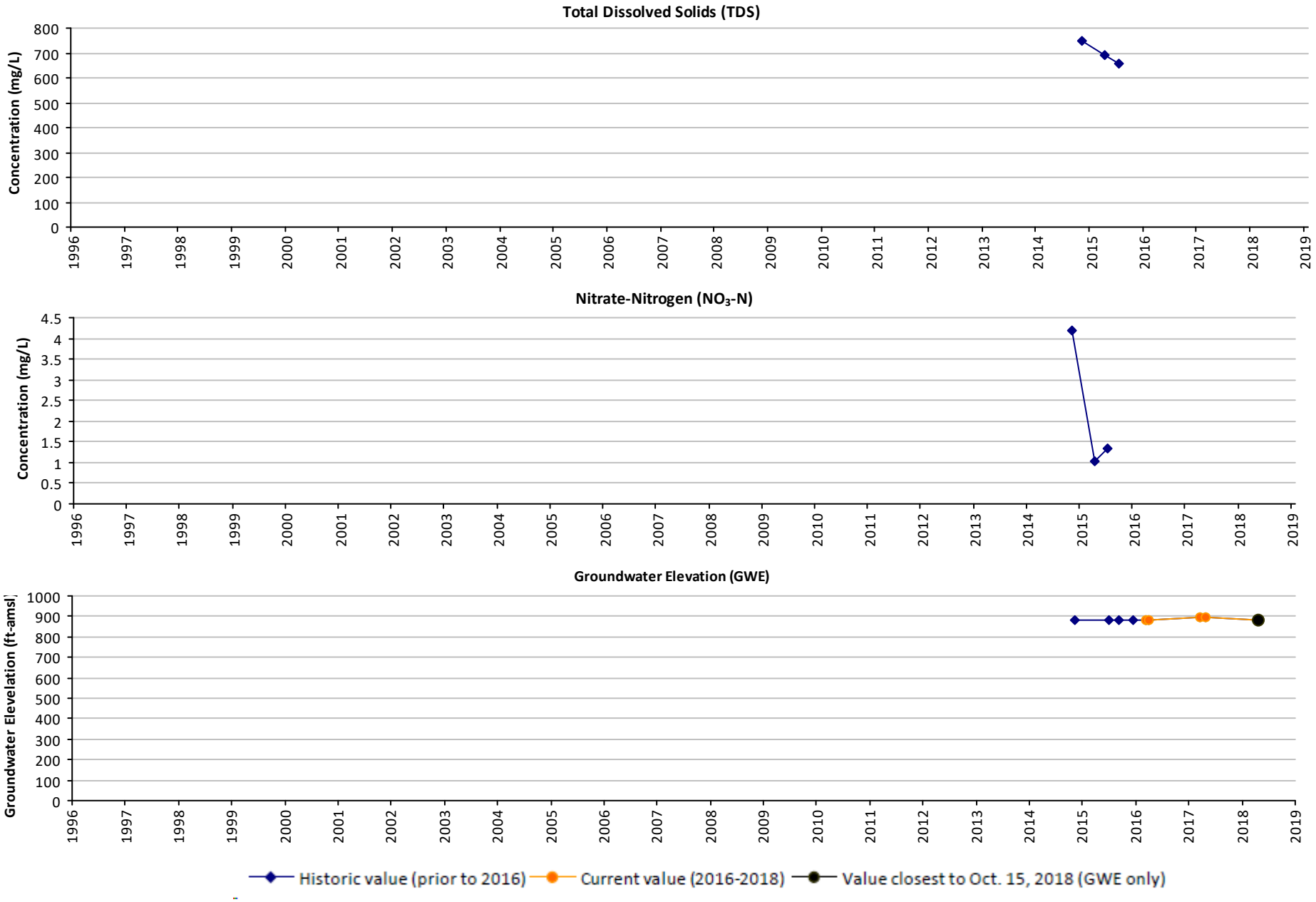

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

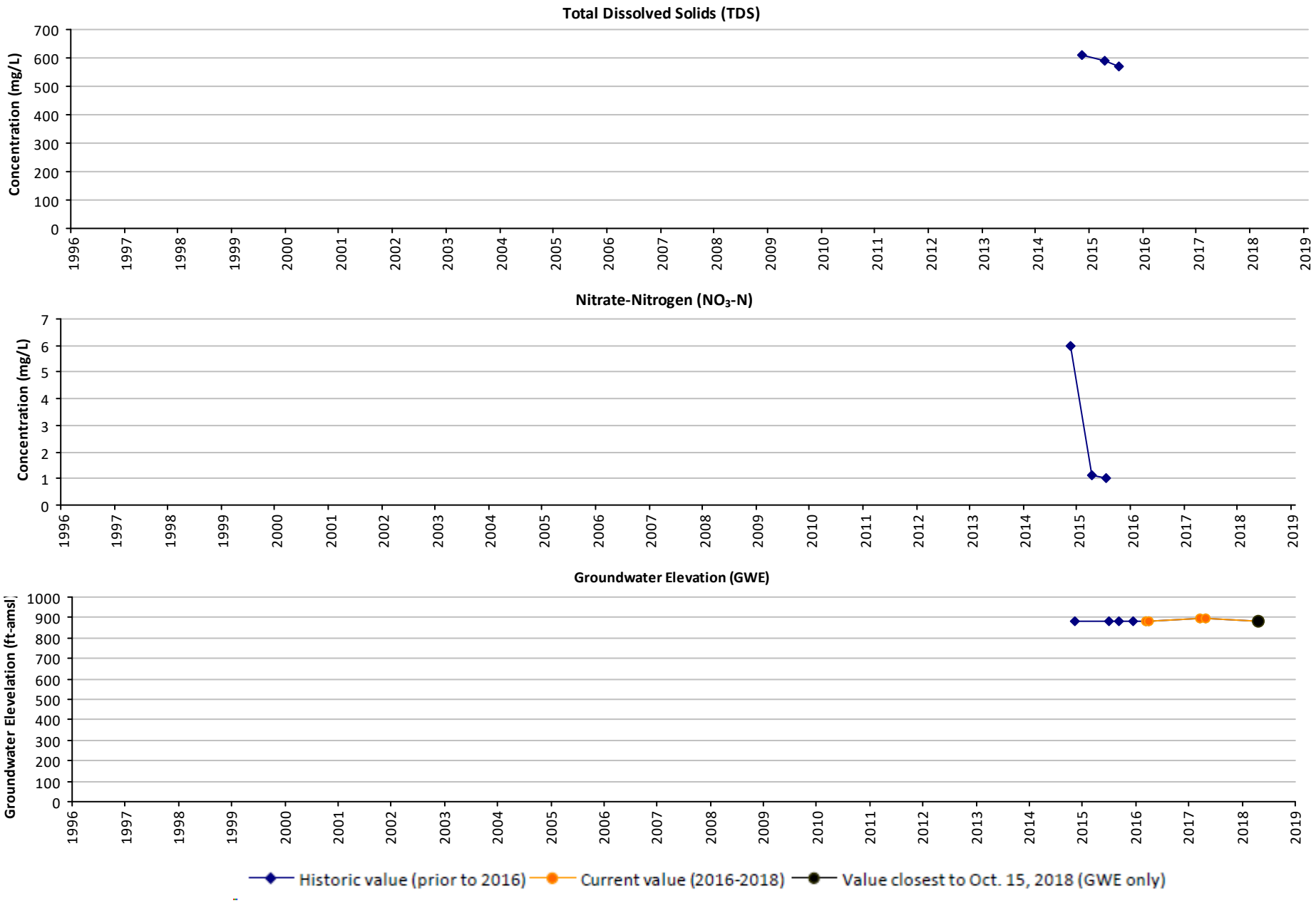

Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

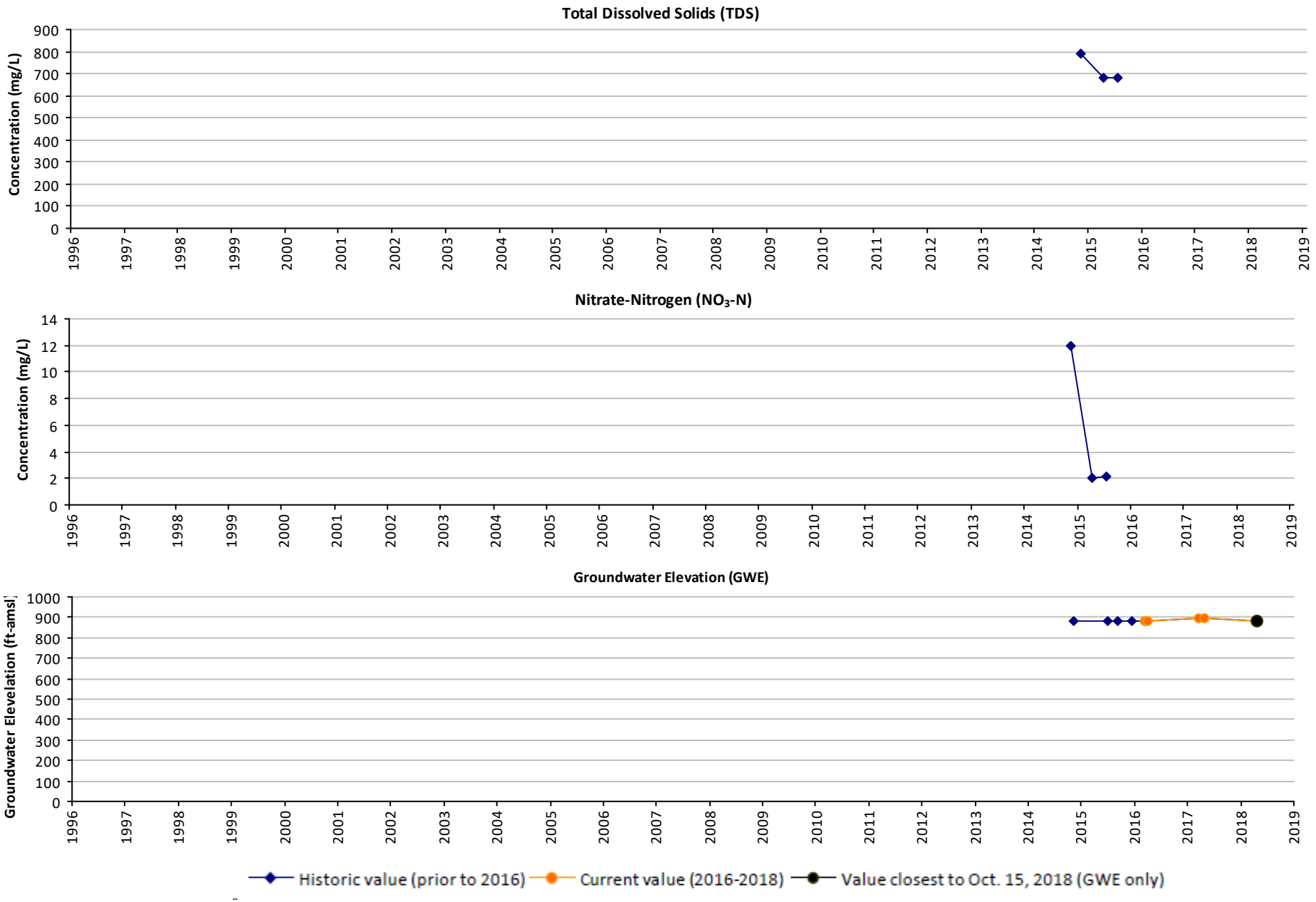

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

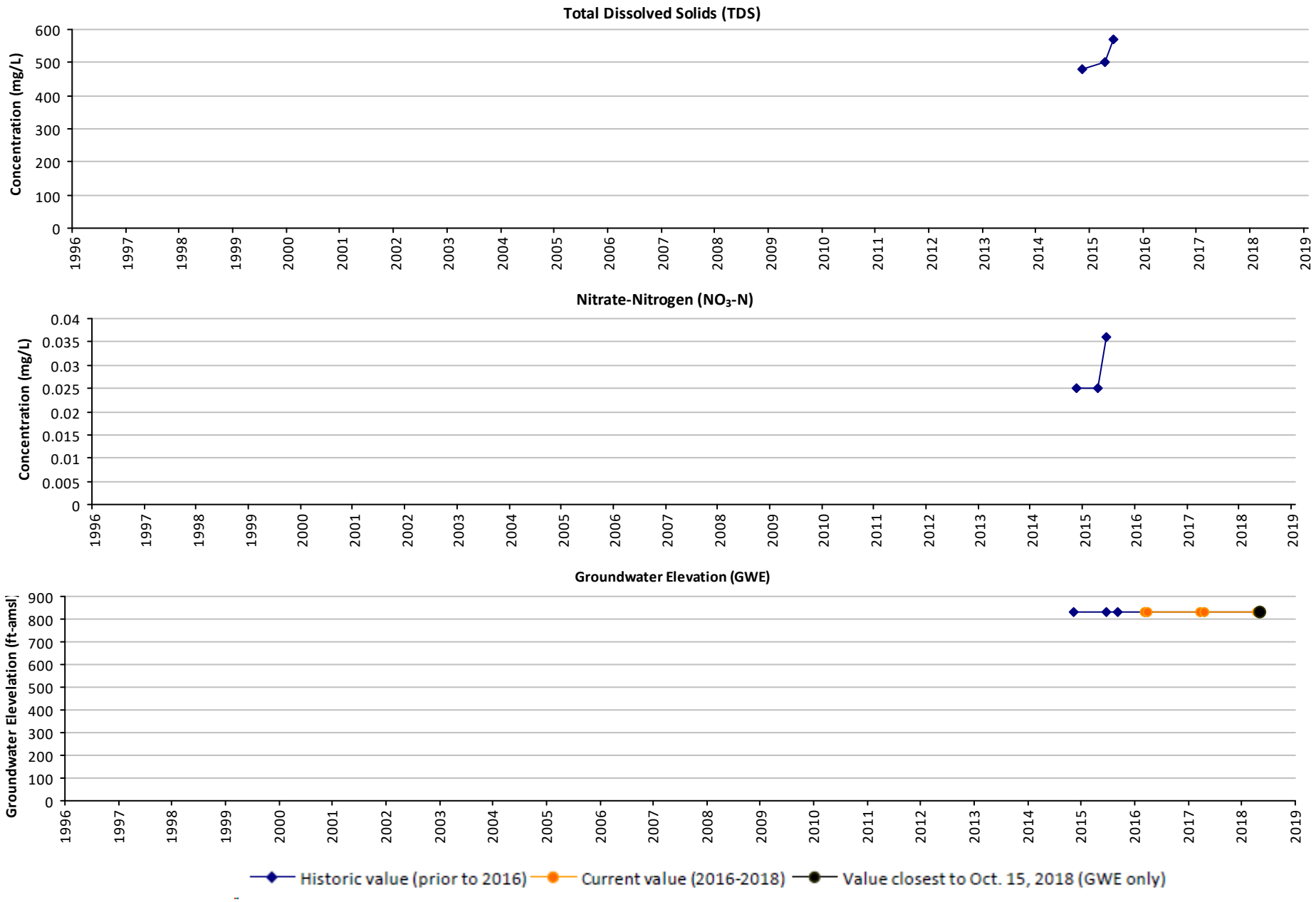

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

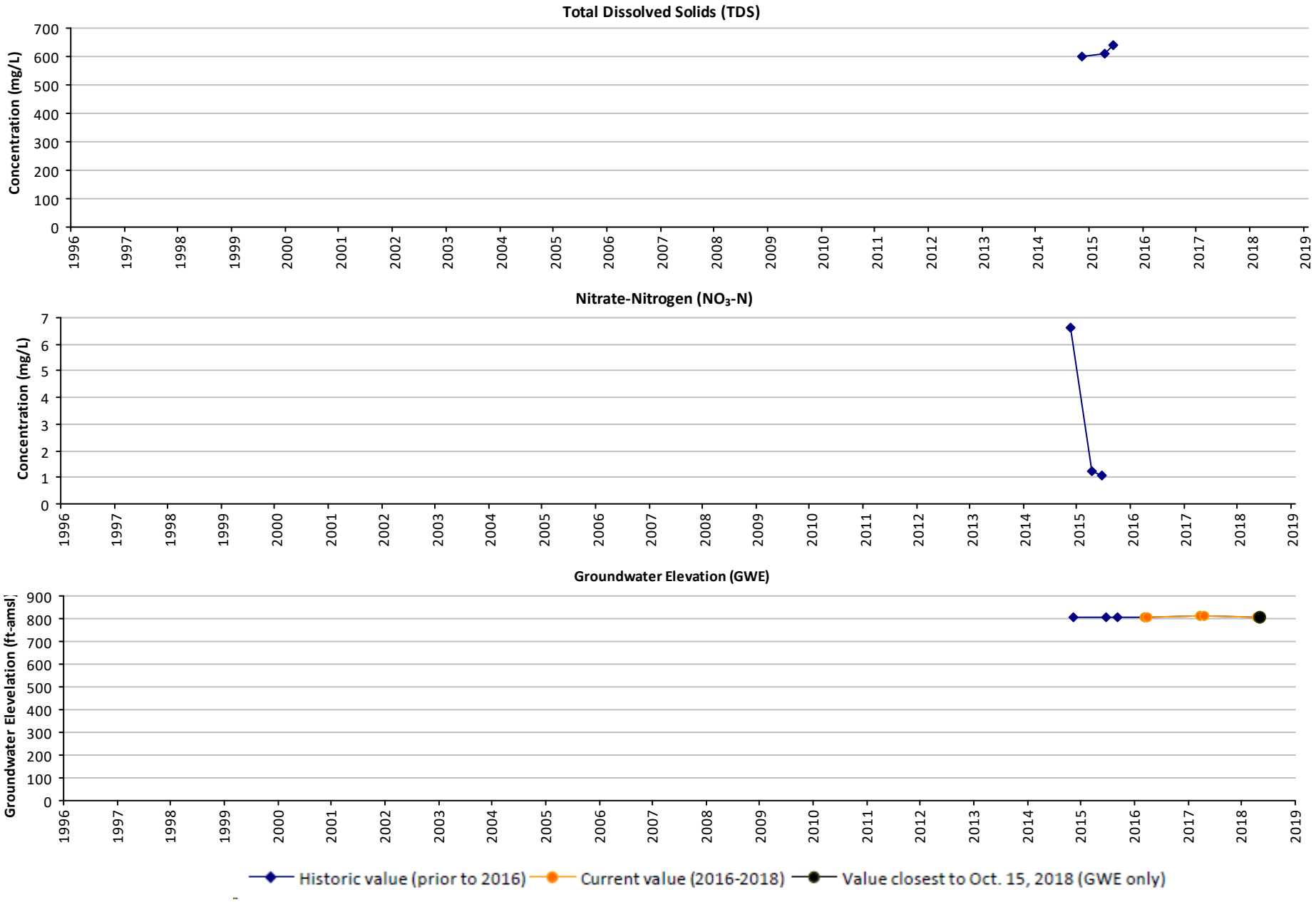

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

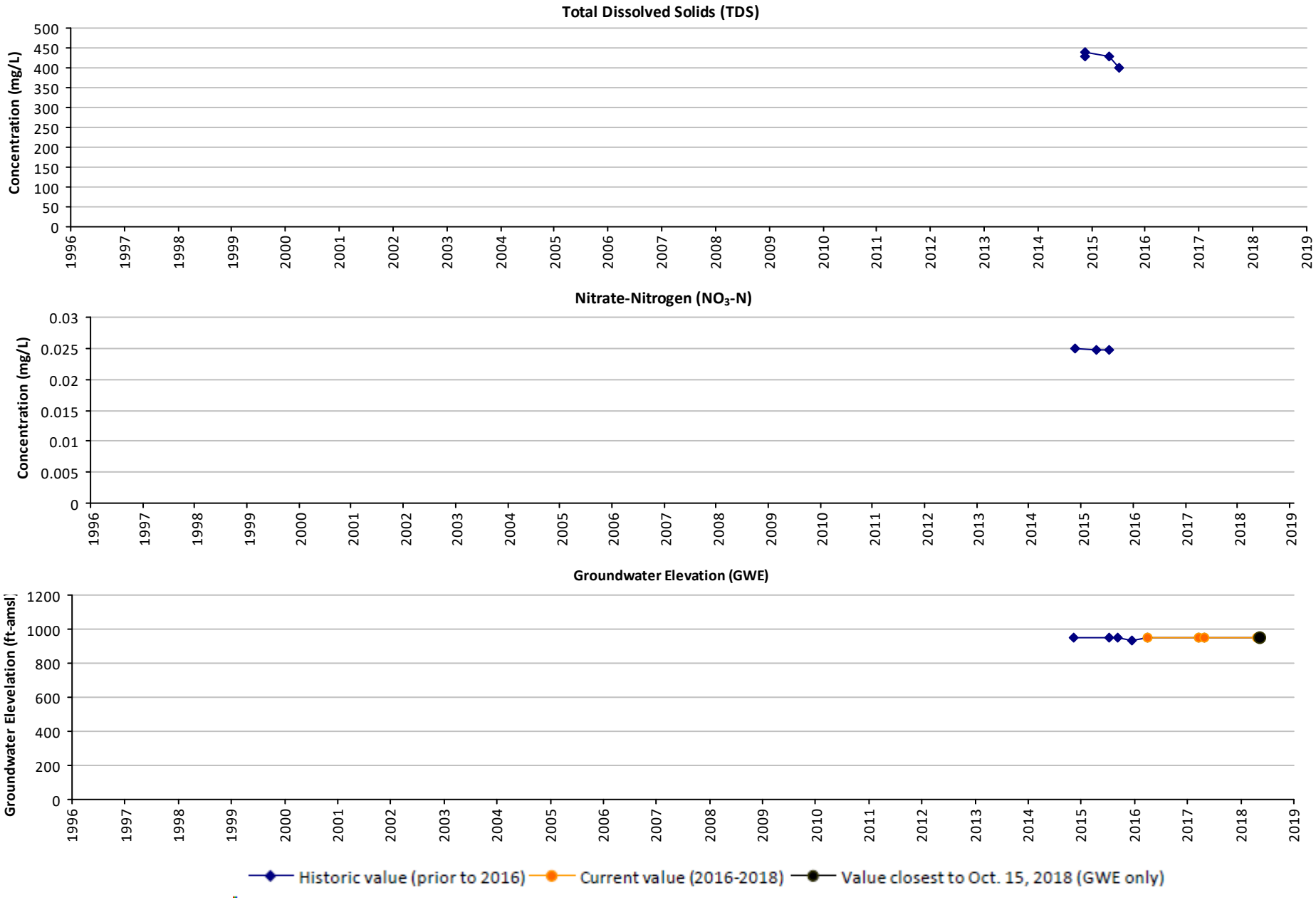

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

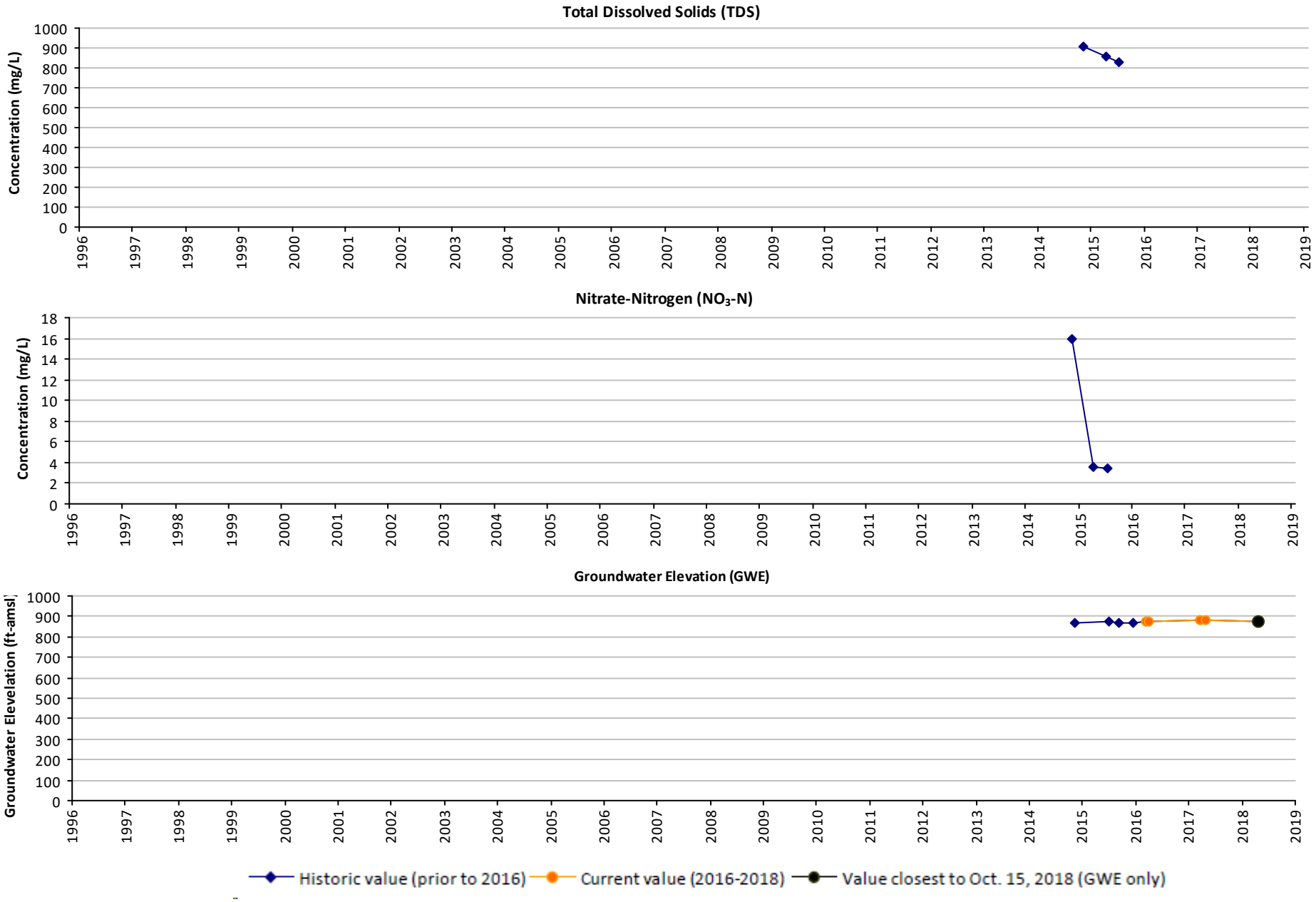

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

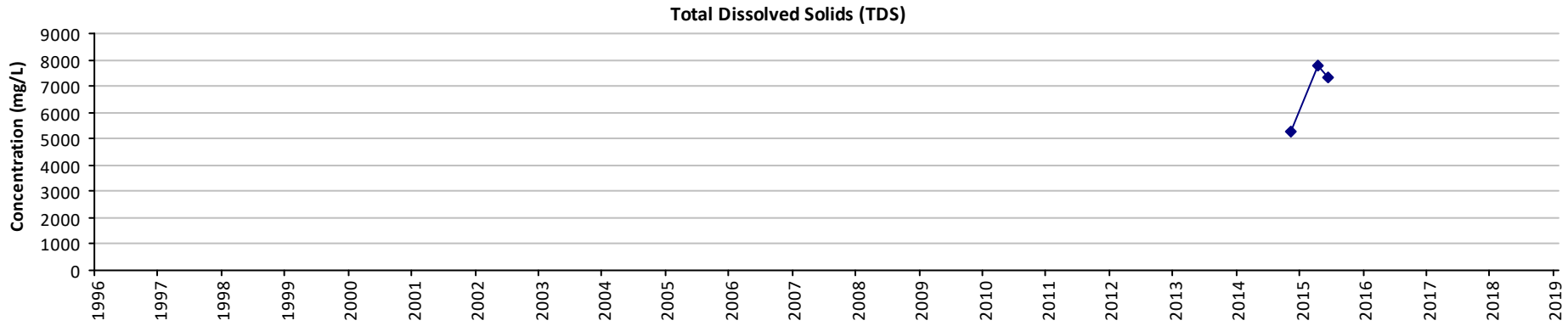

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

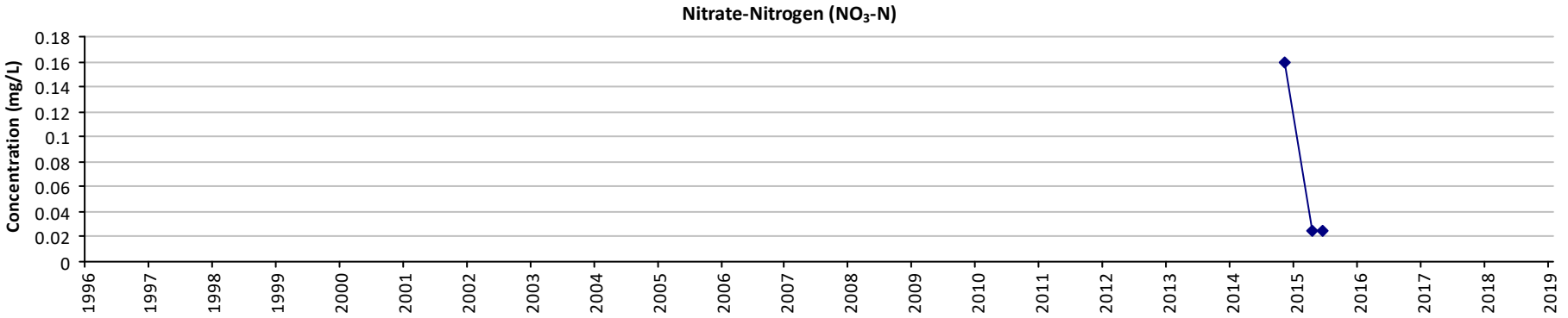

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

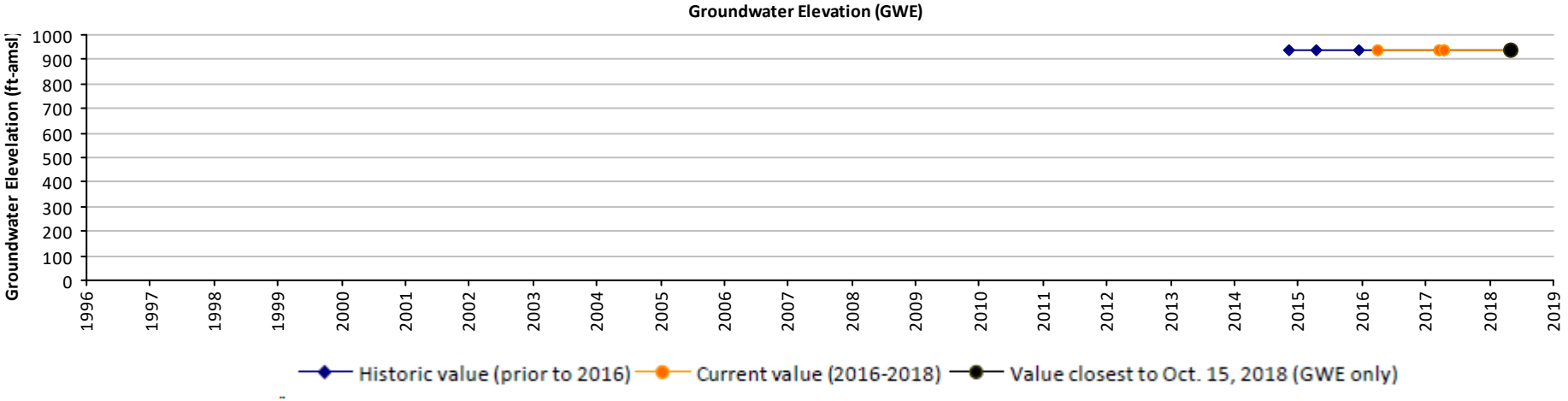

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

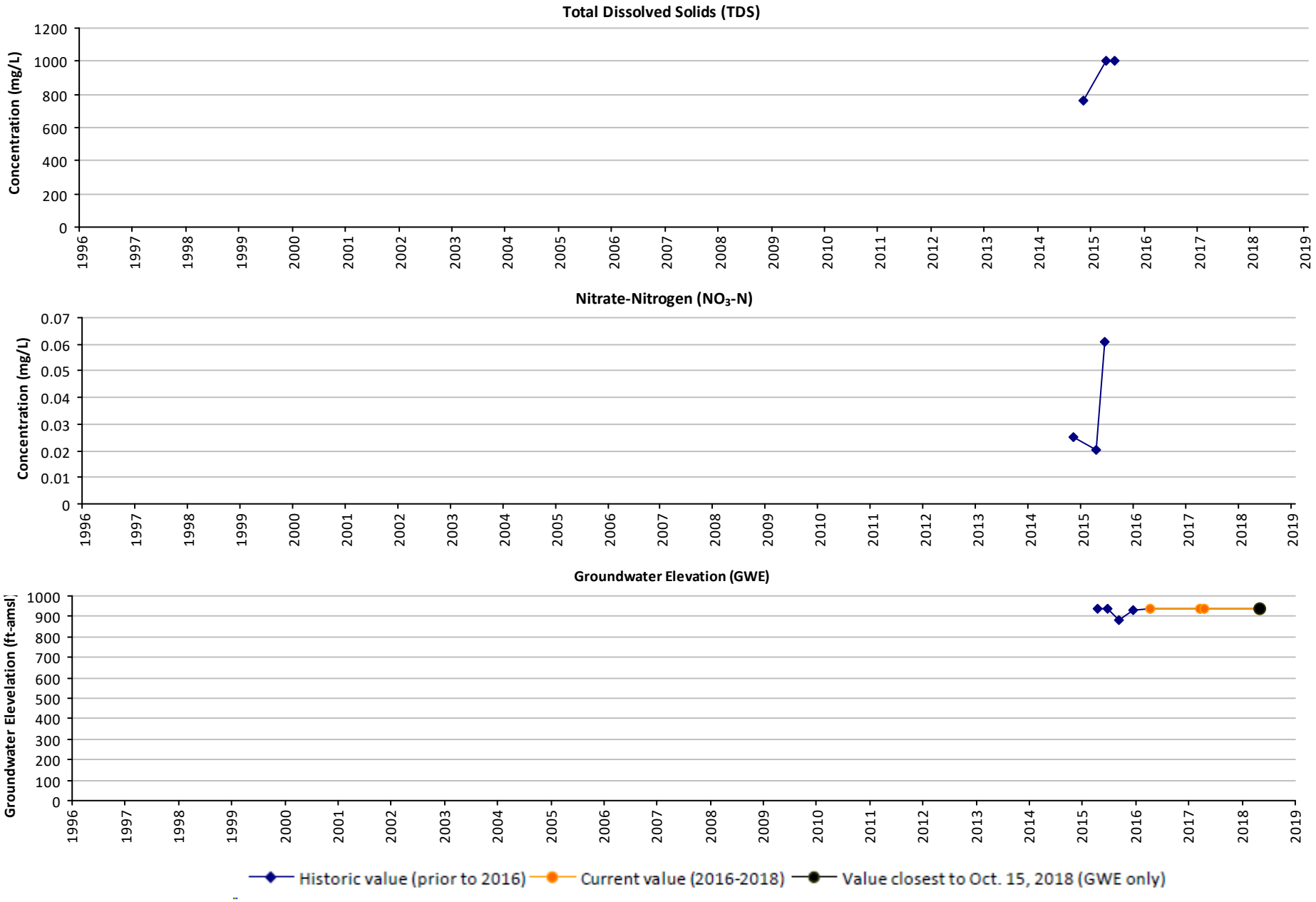

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

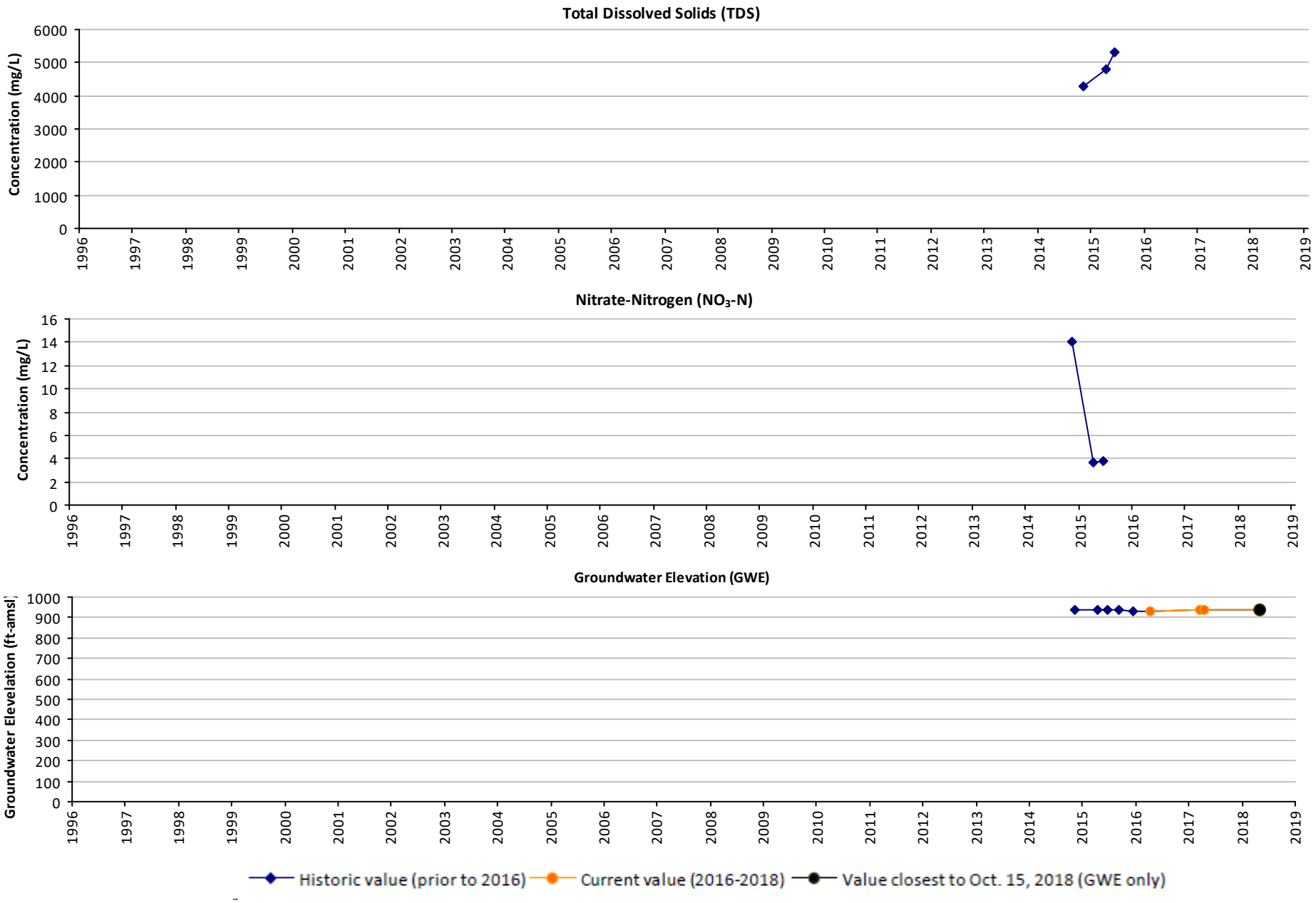

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

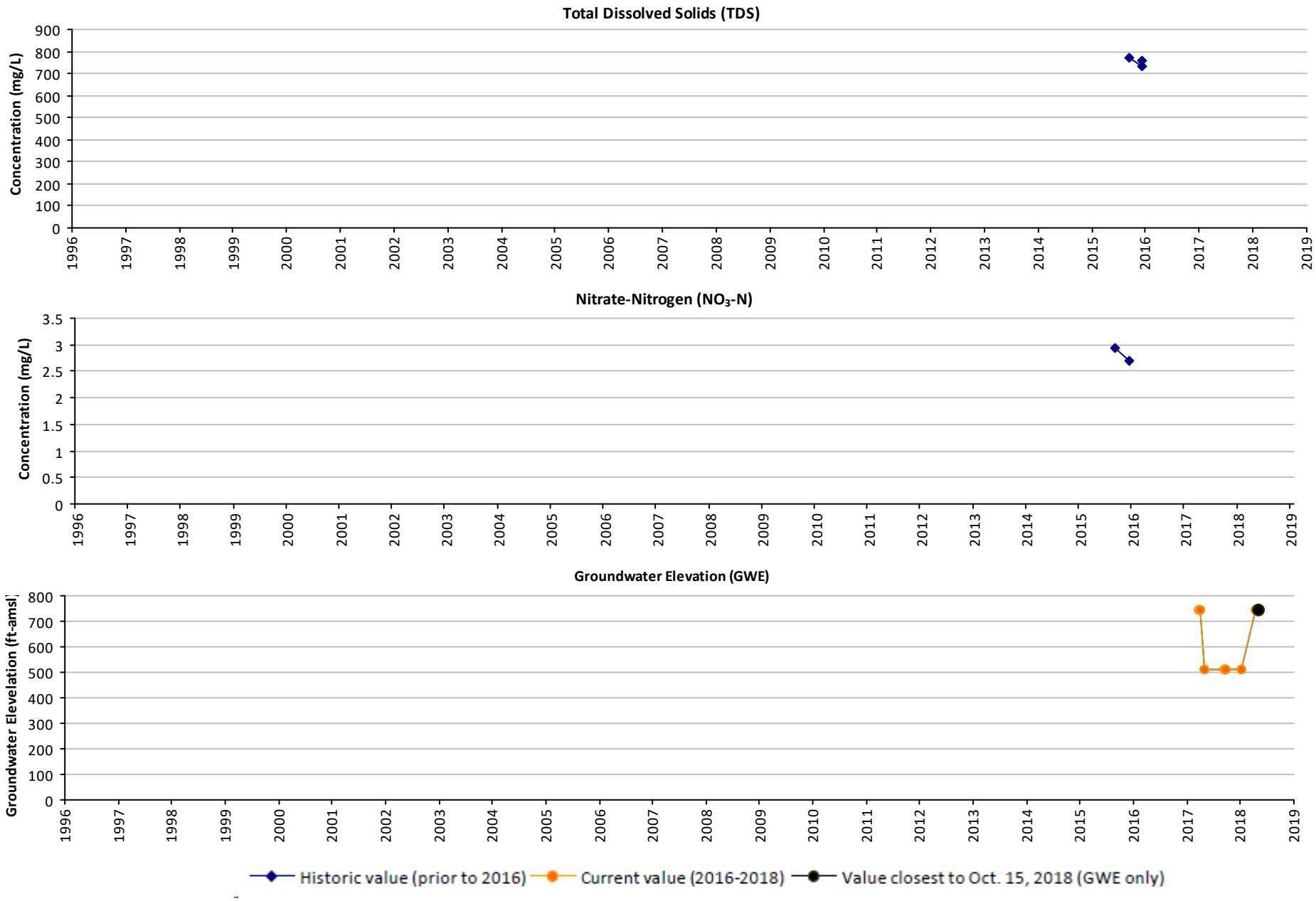

Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

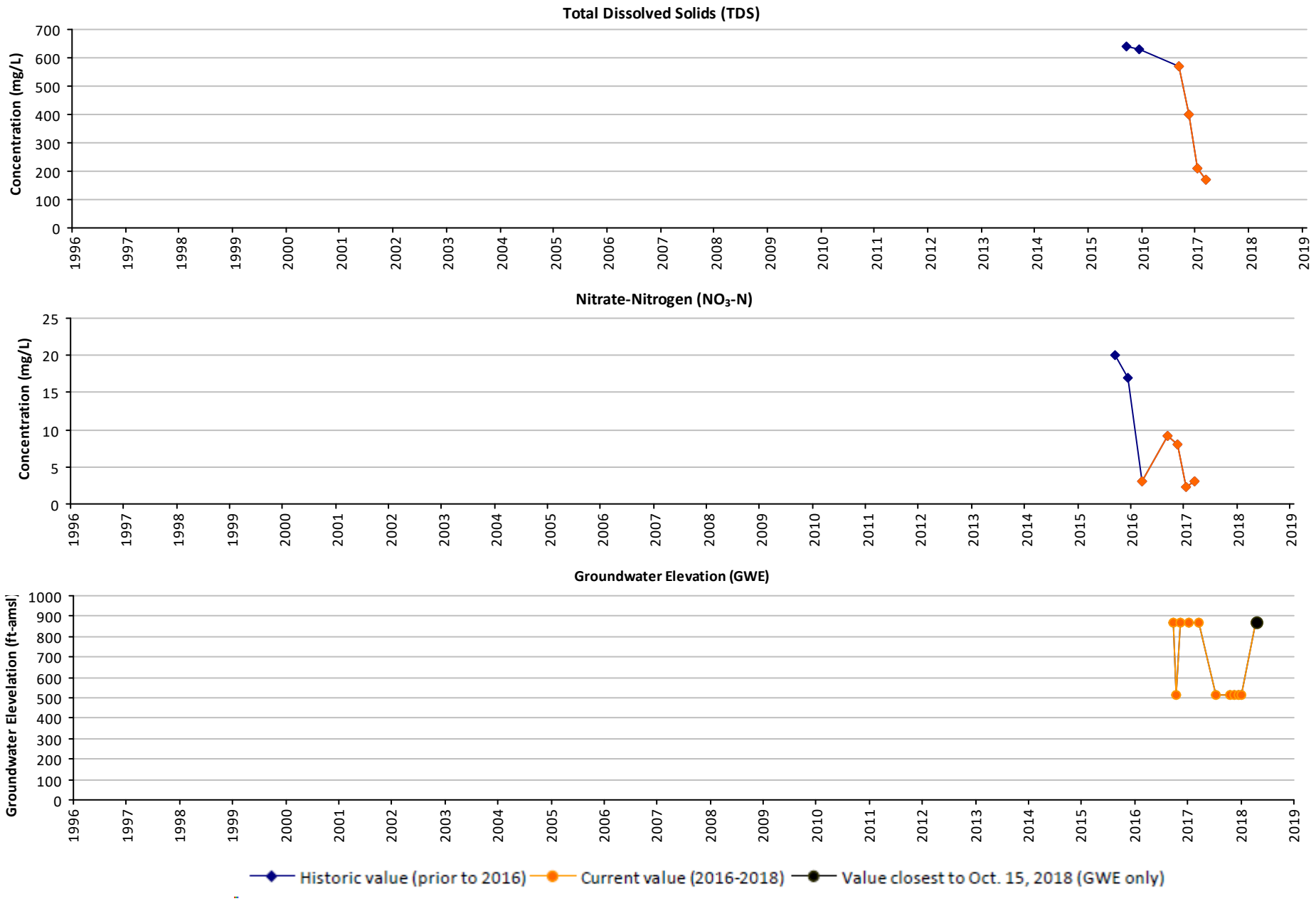

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

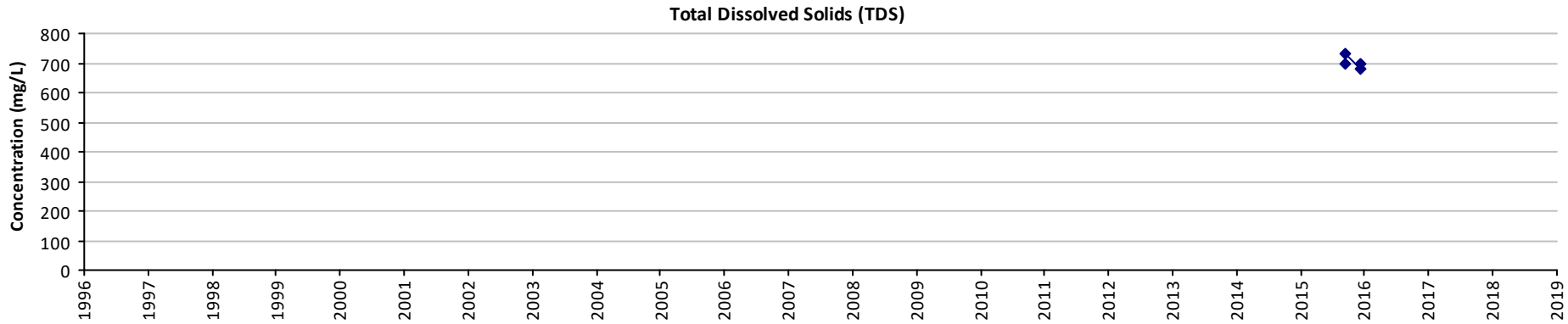

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

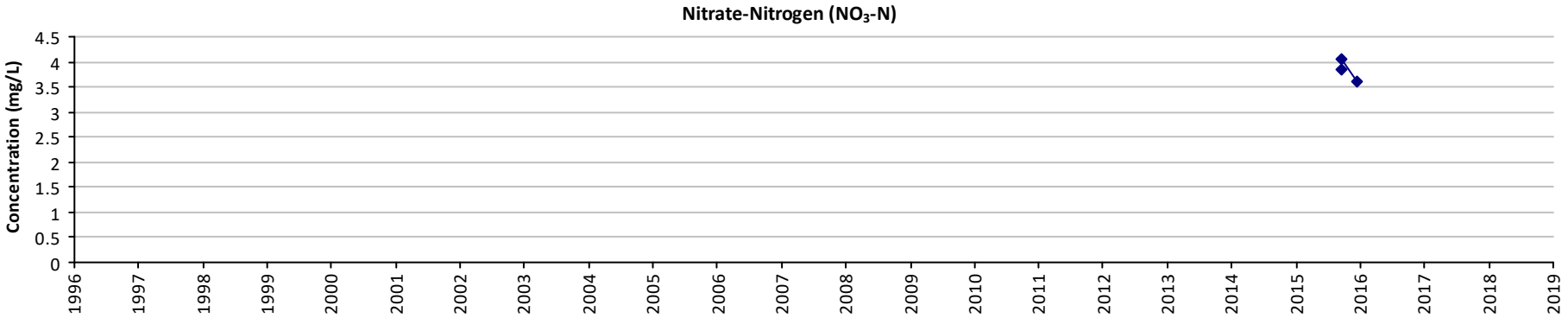

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

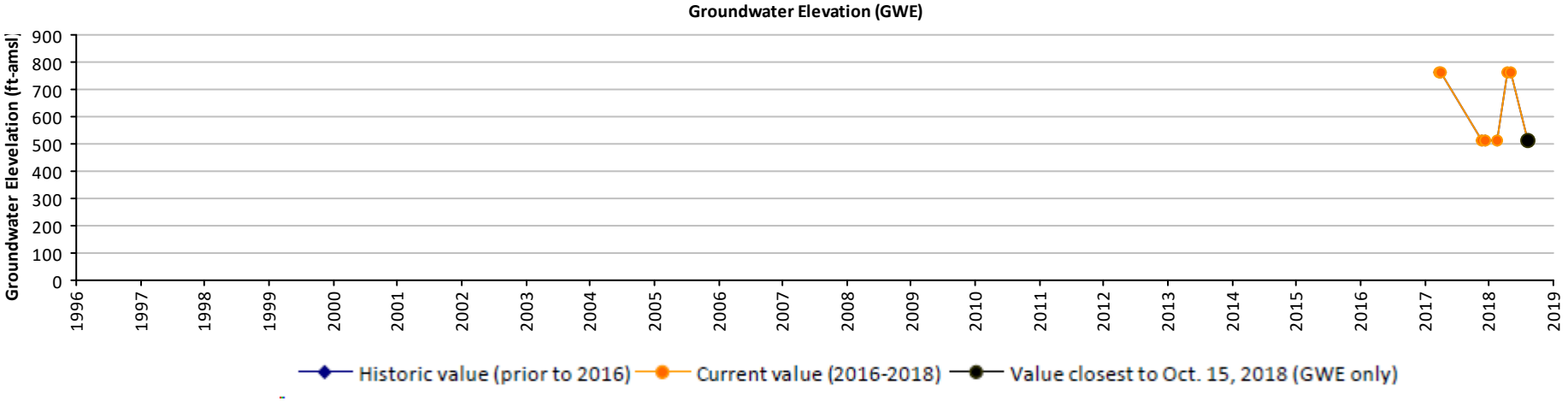

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

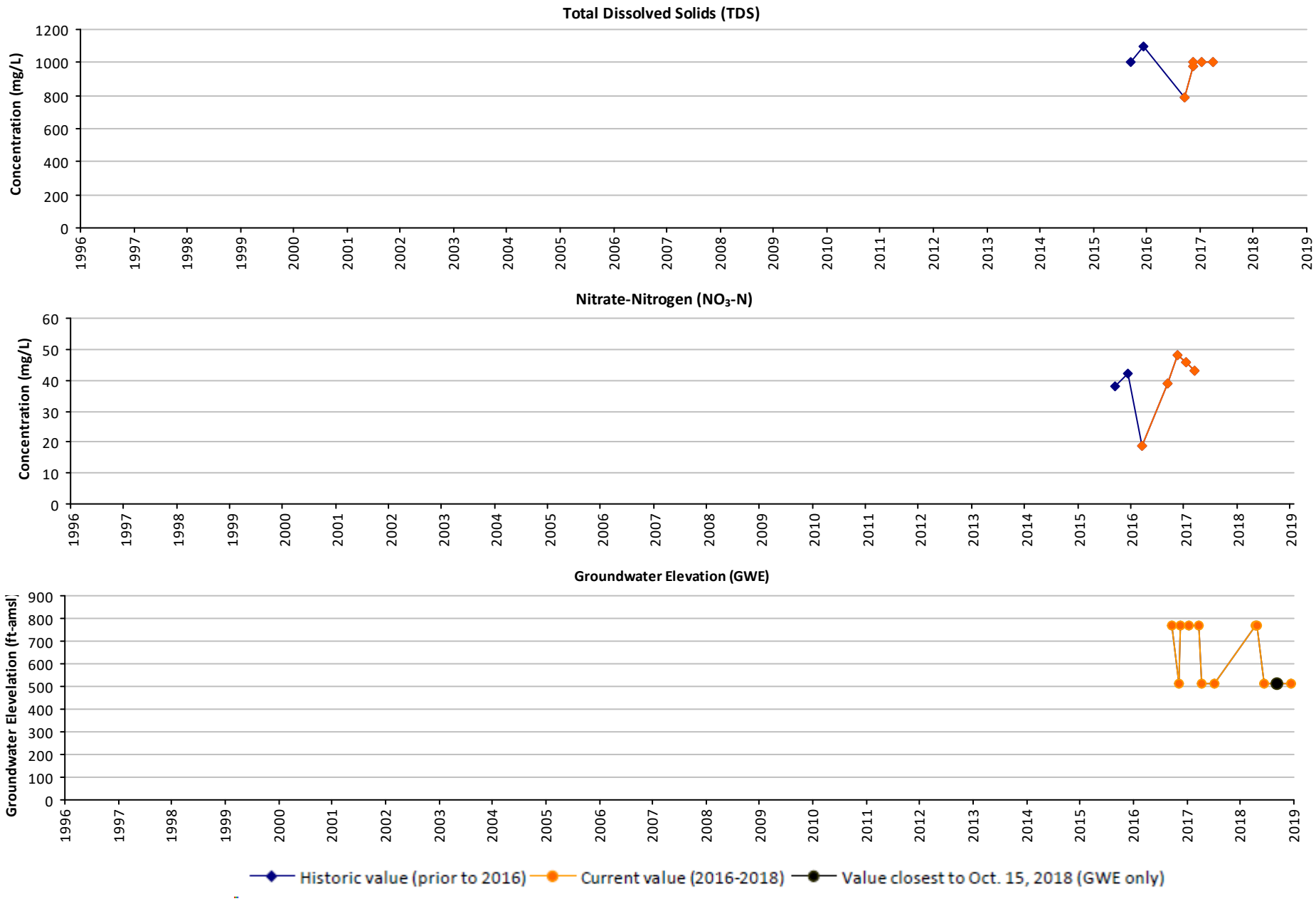

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

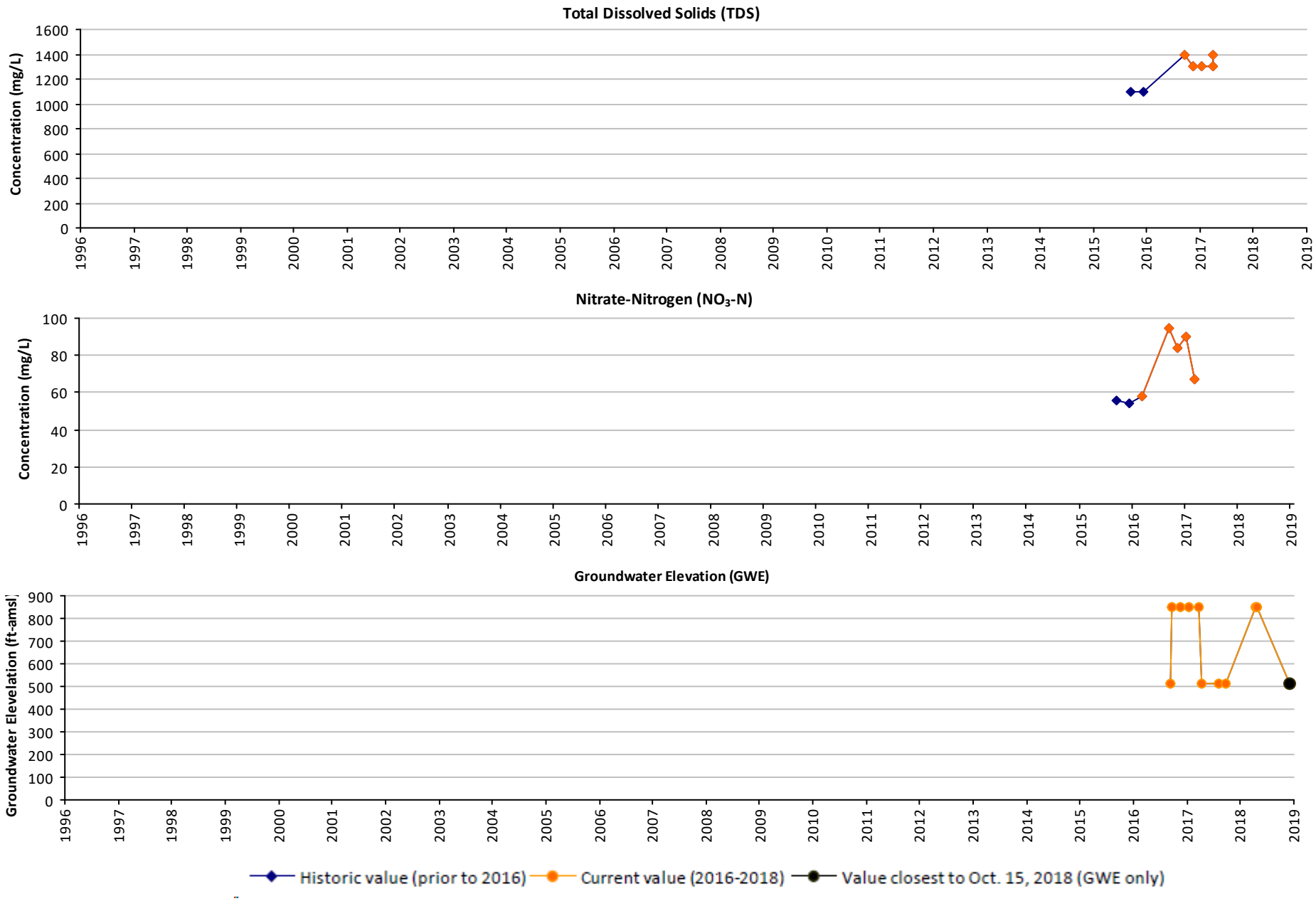

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

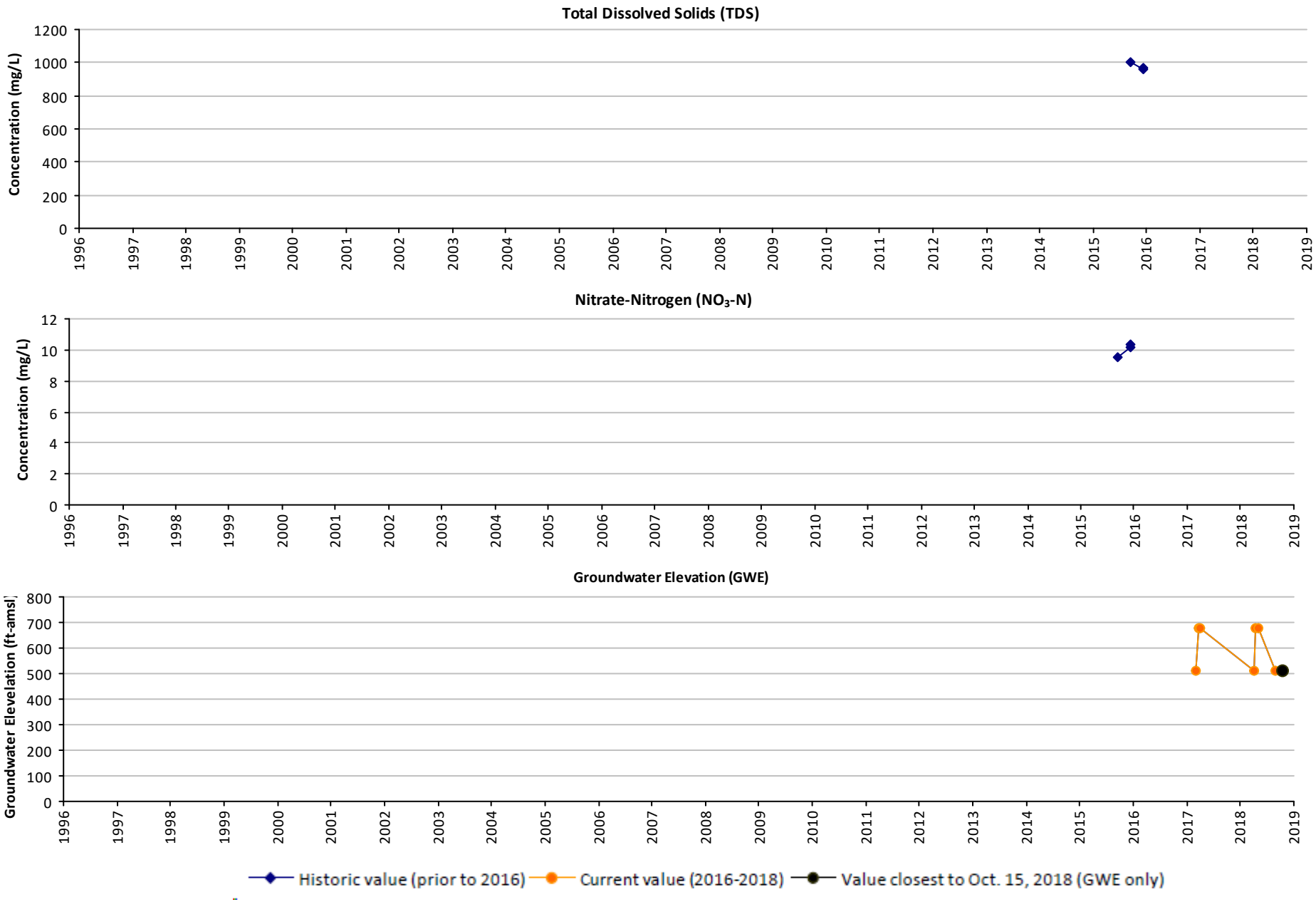

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

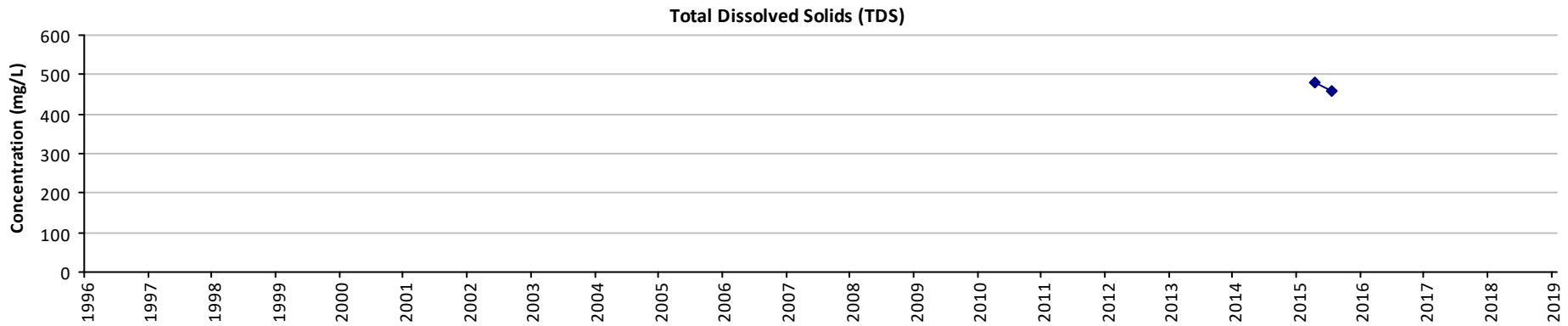

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
20
40
60
80
100
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2010
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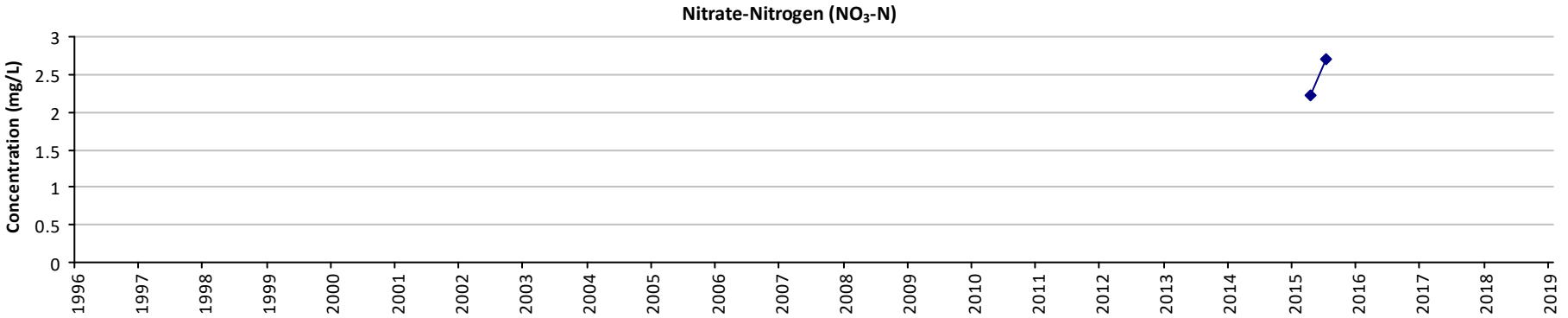
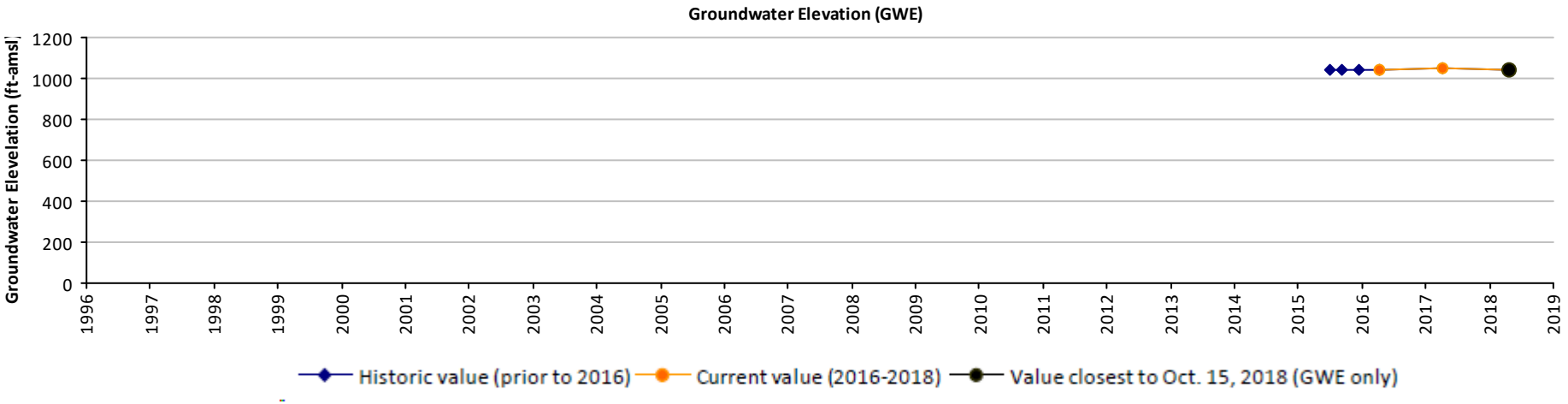
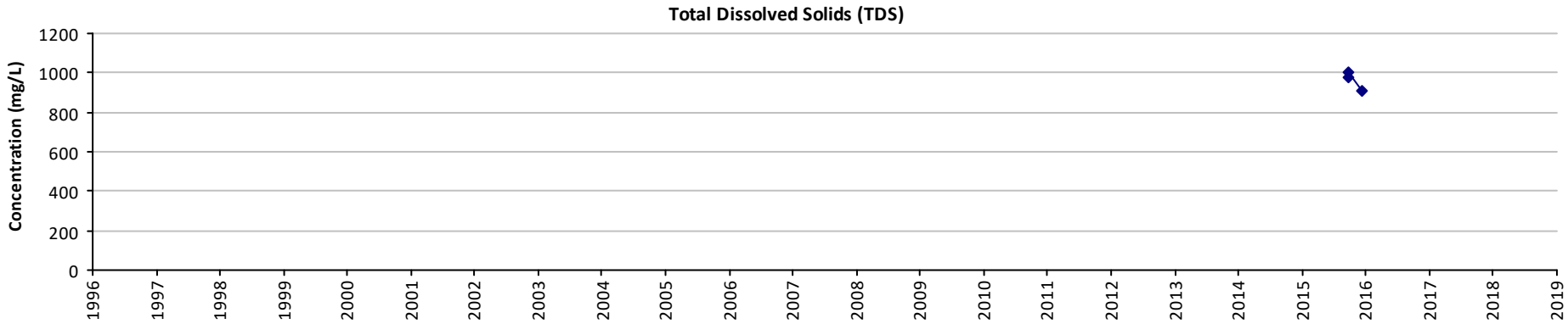
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2010
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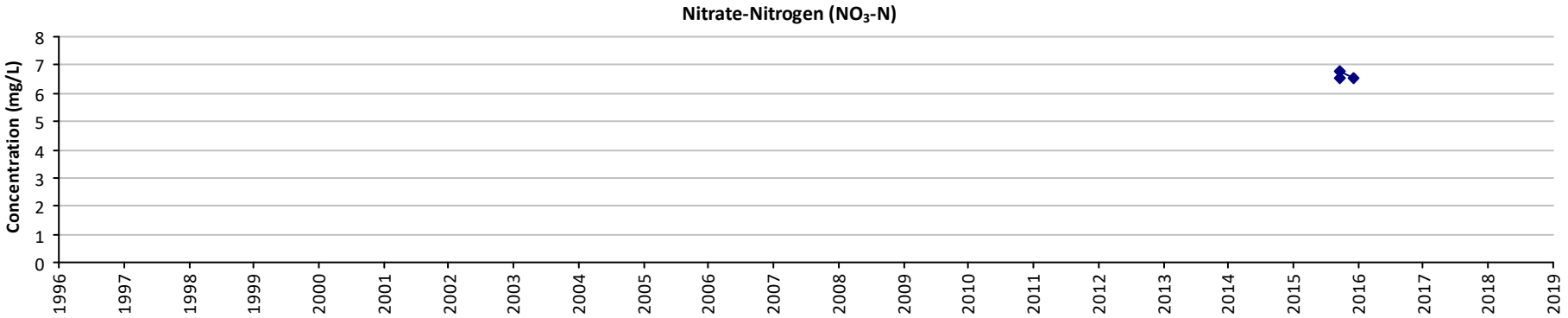
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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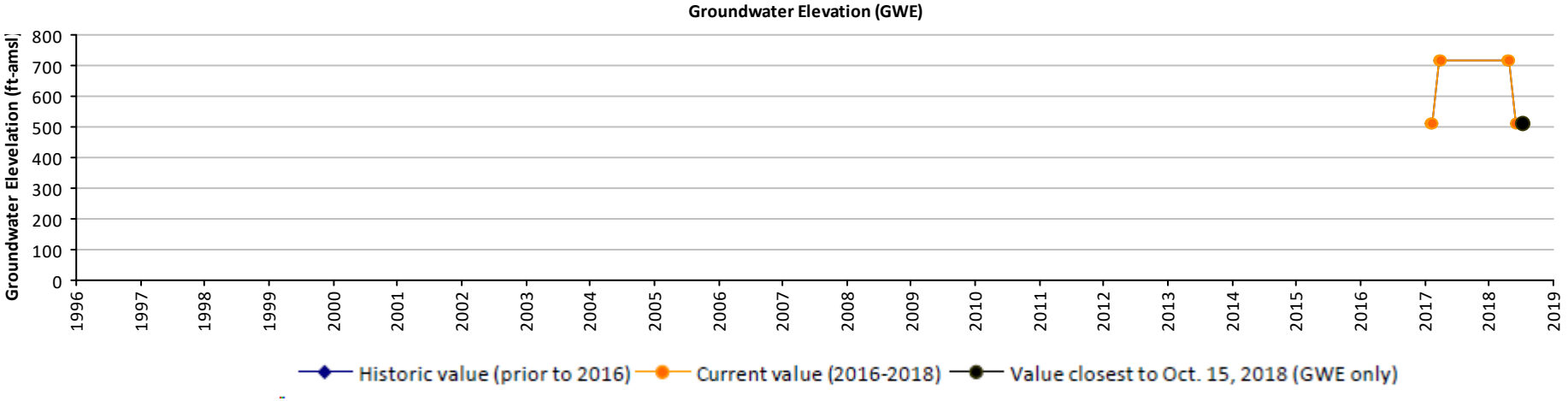
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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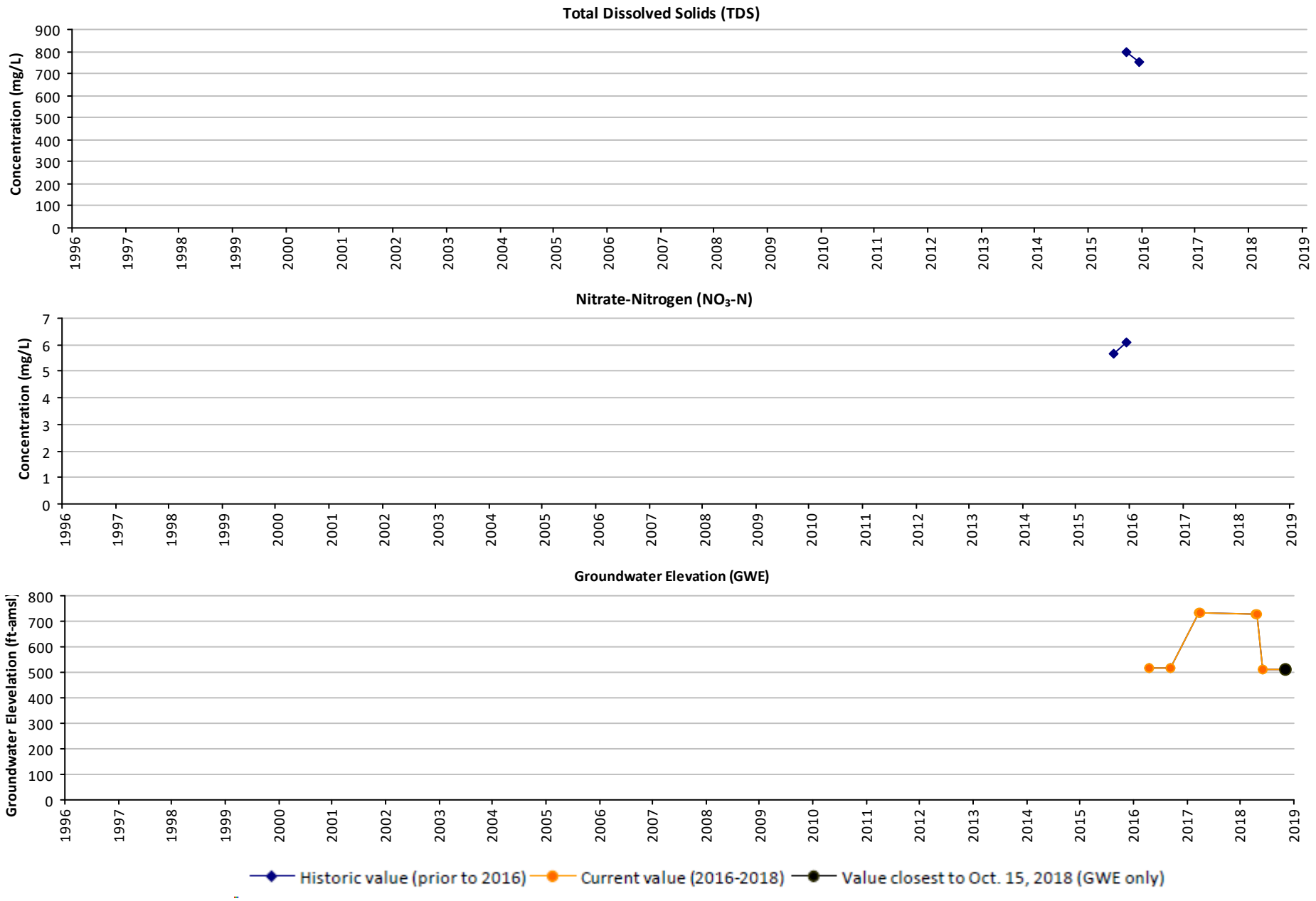
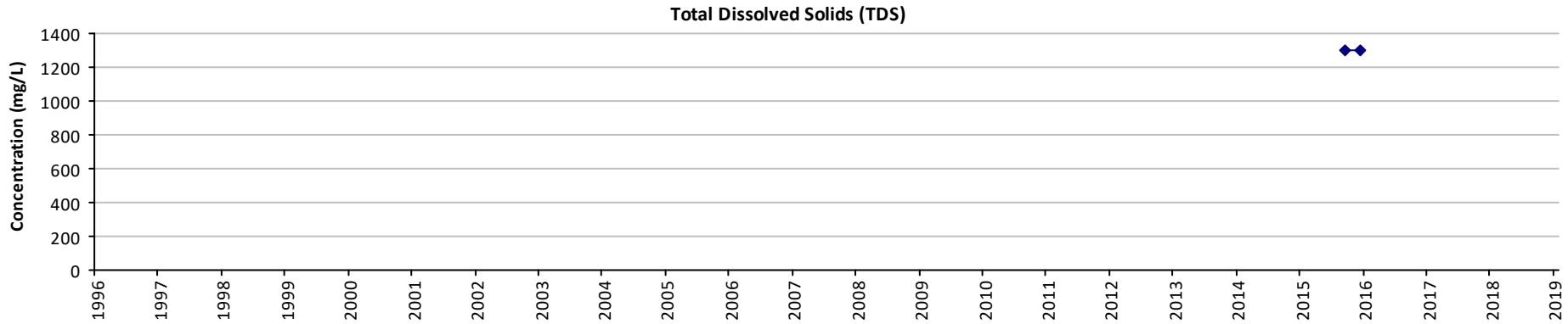
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
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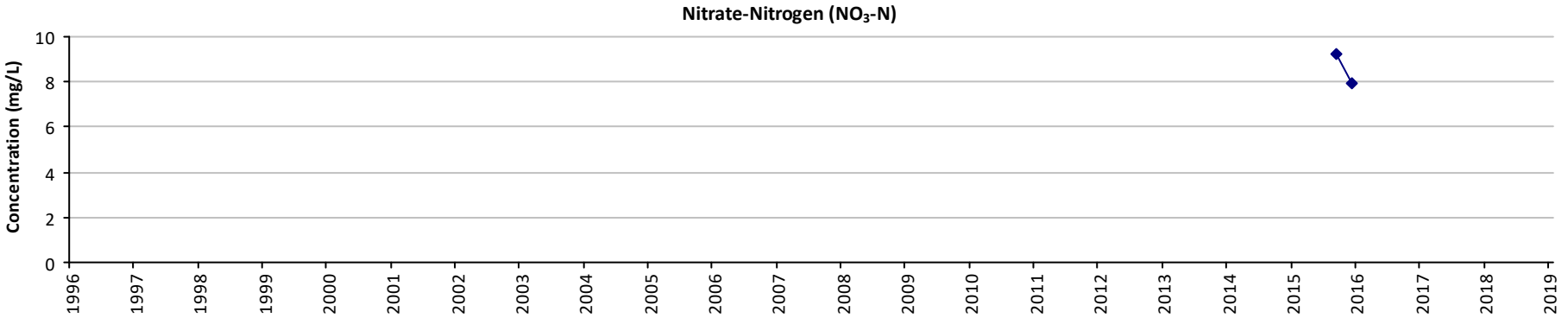
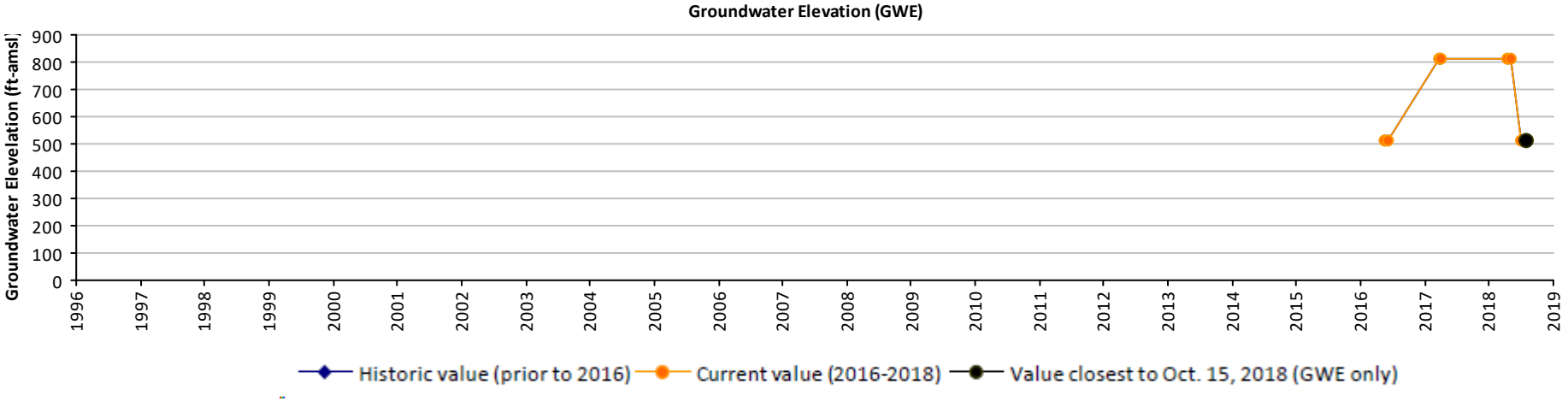
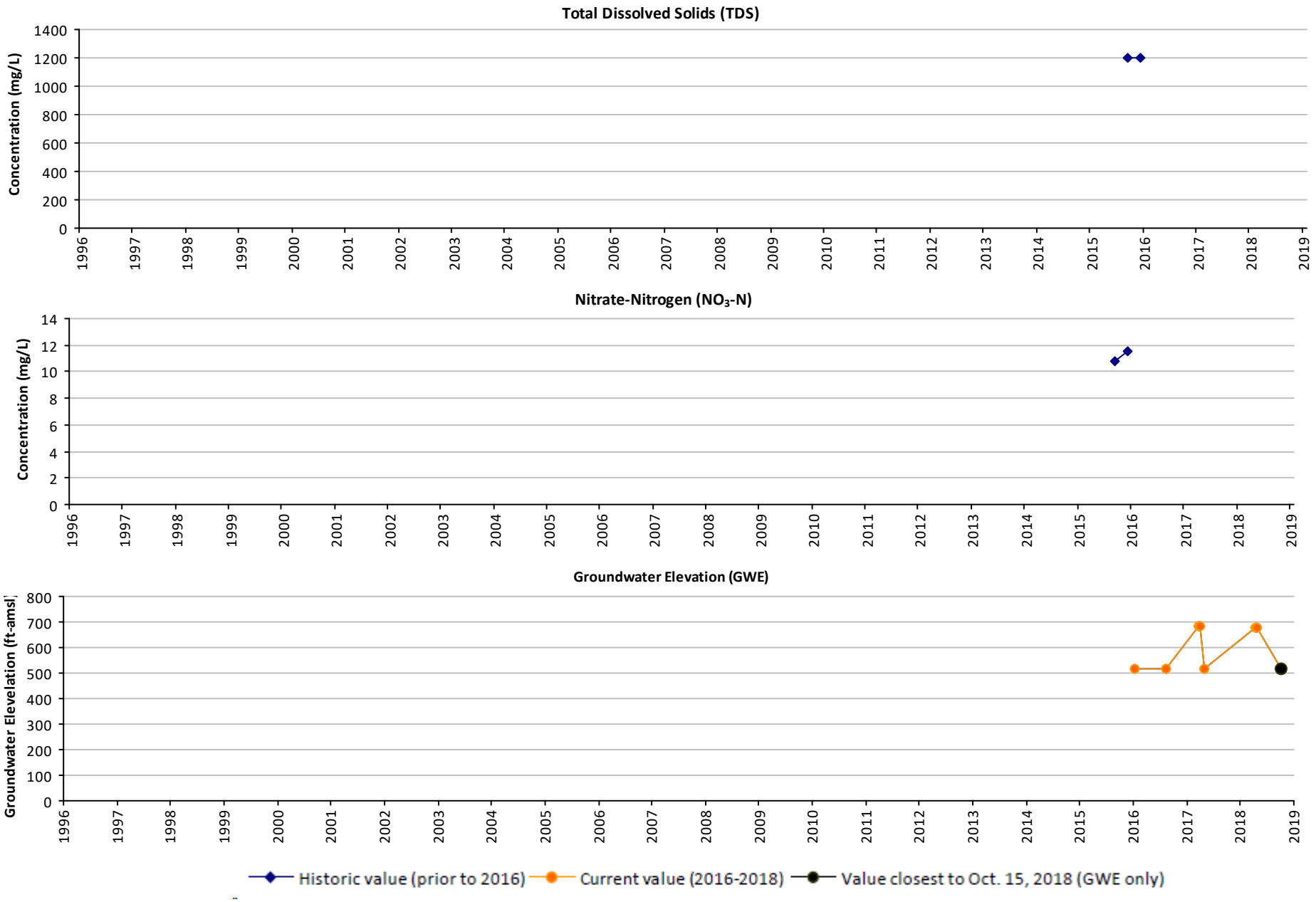
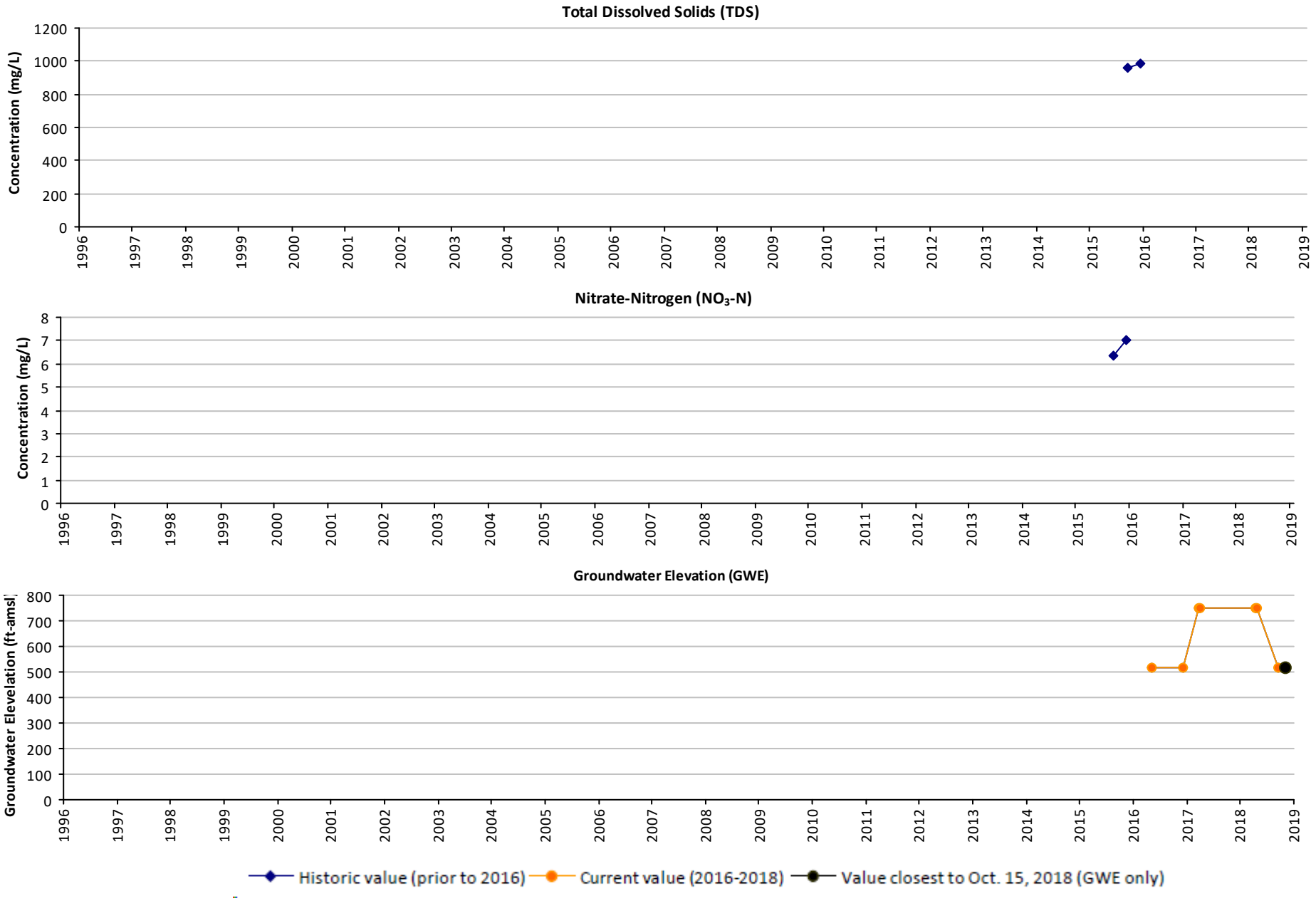
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
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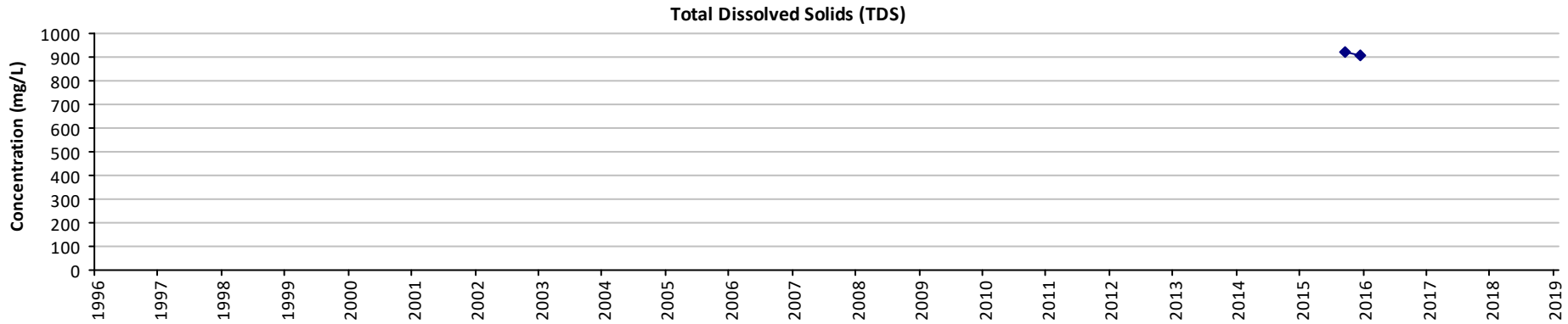
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
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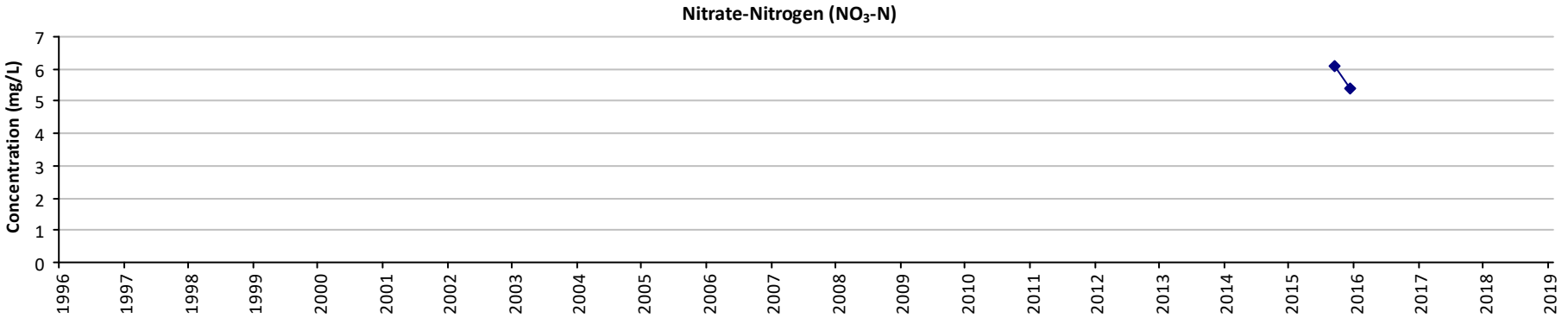
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
2007
2008
2009
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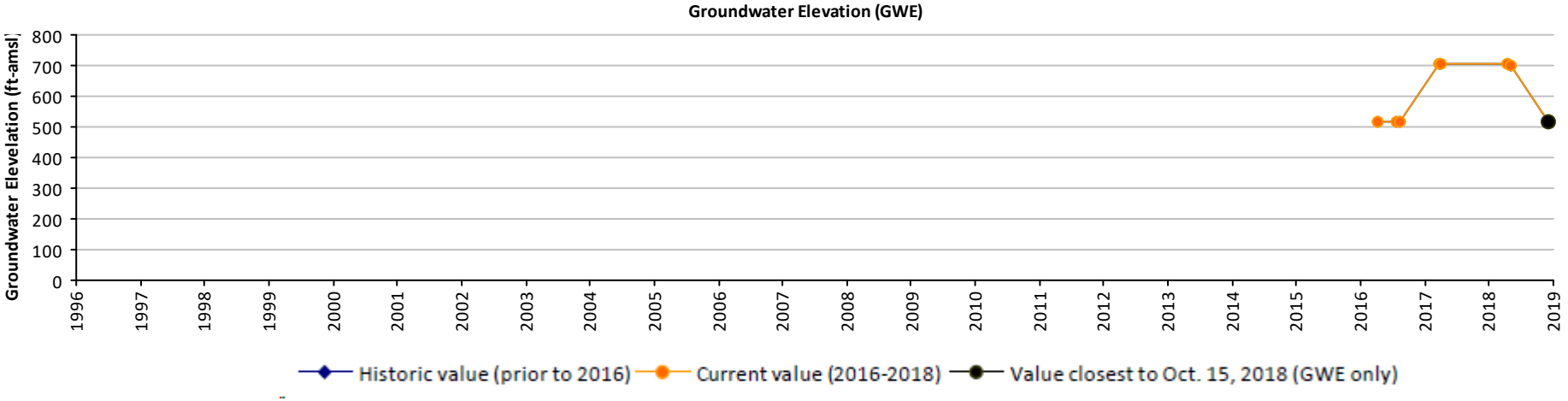
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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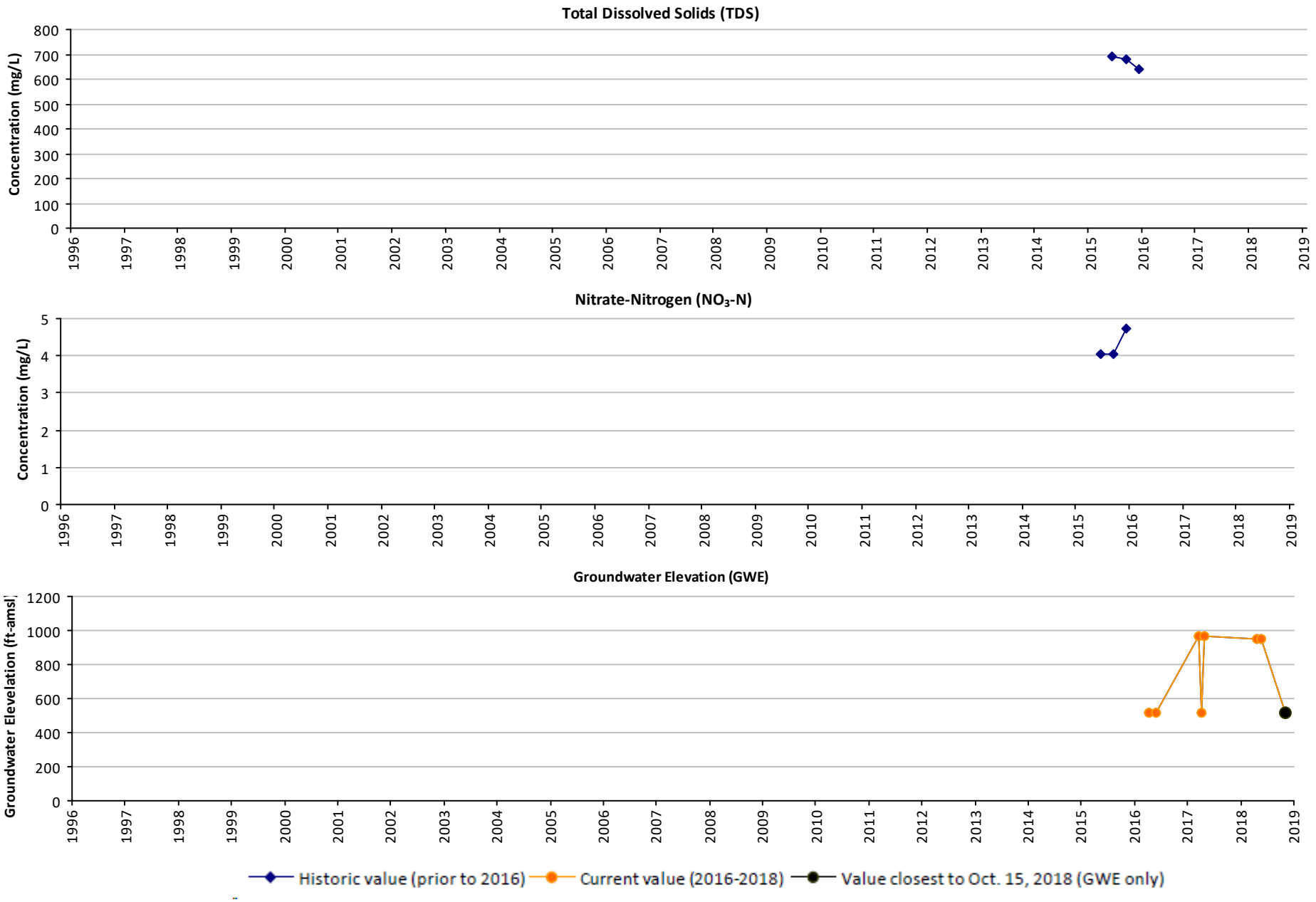
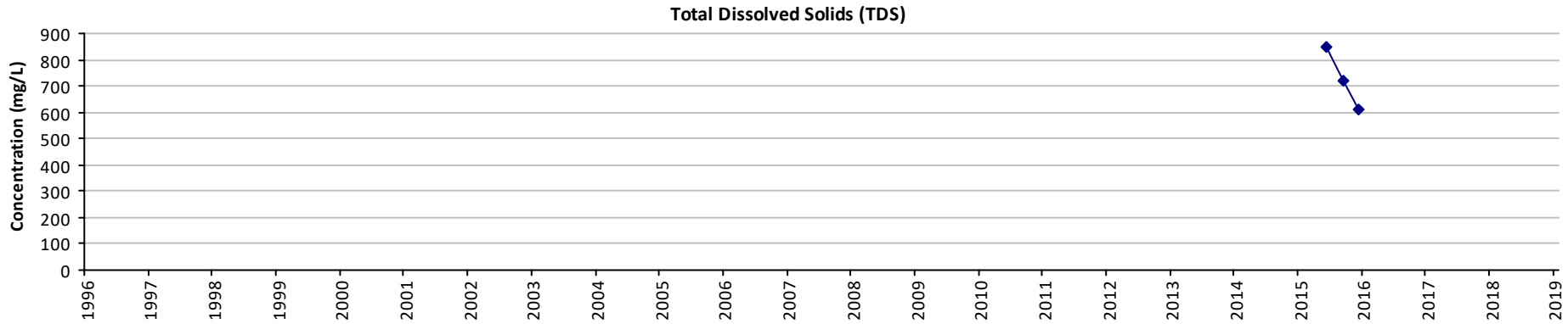
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
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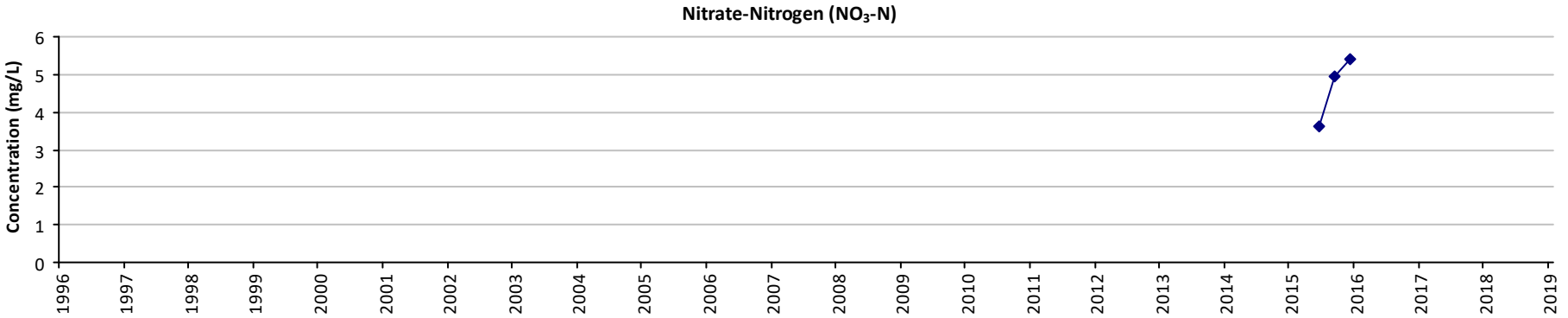
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
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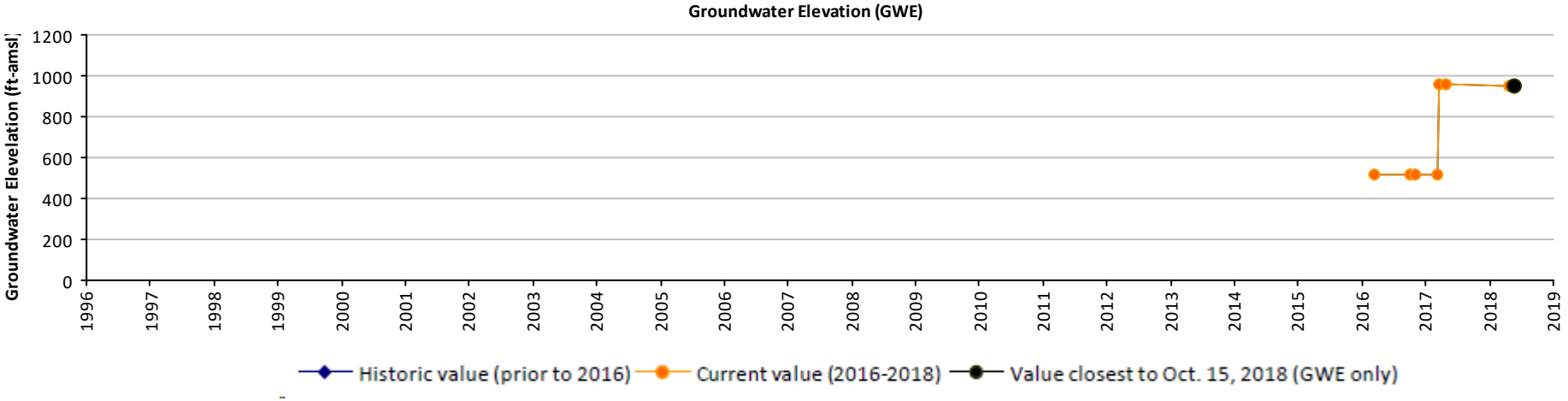
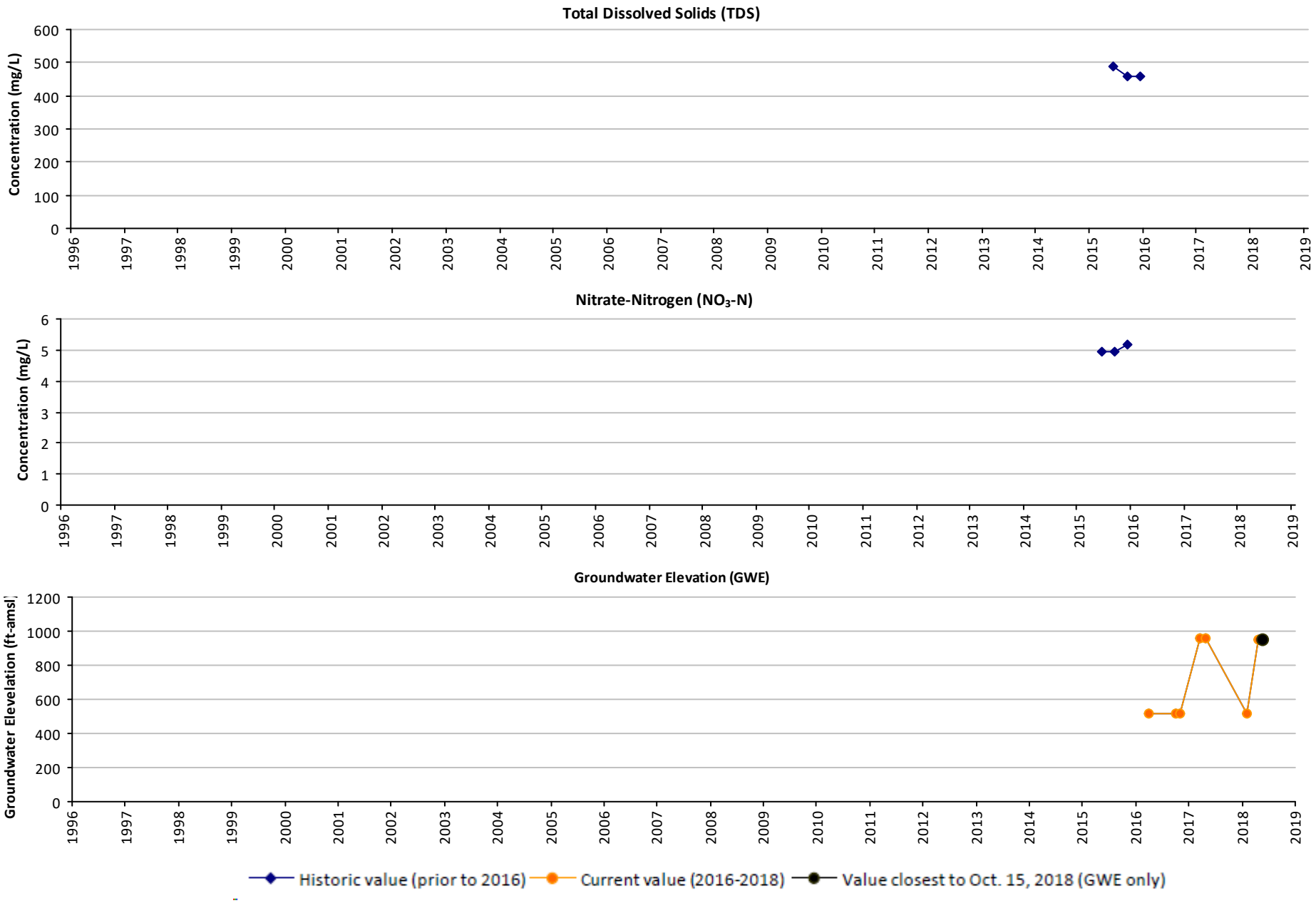
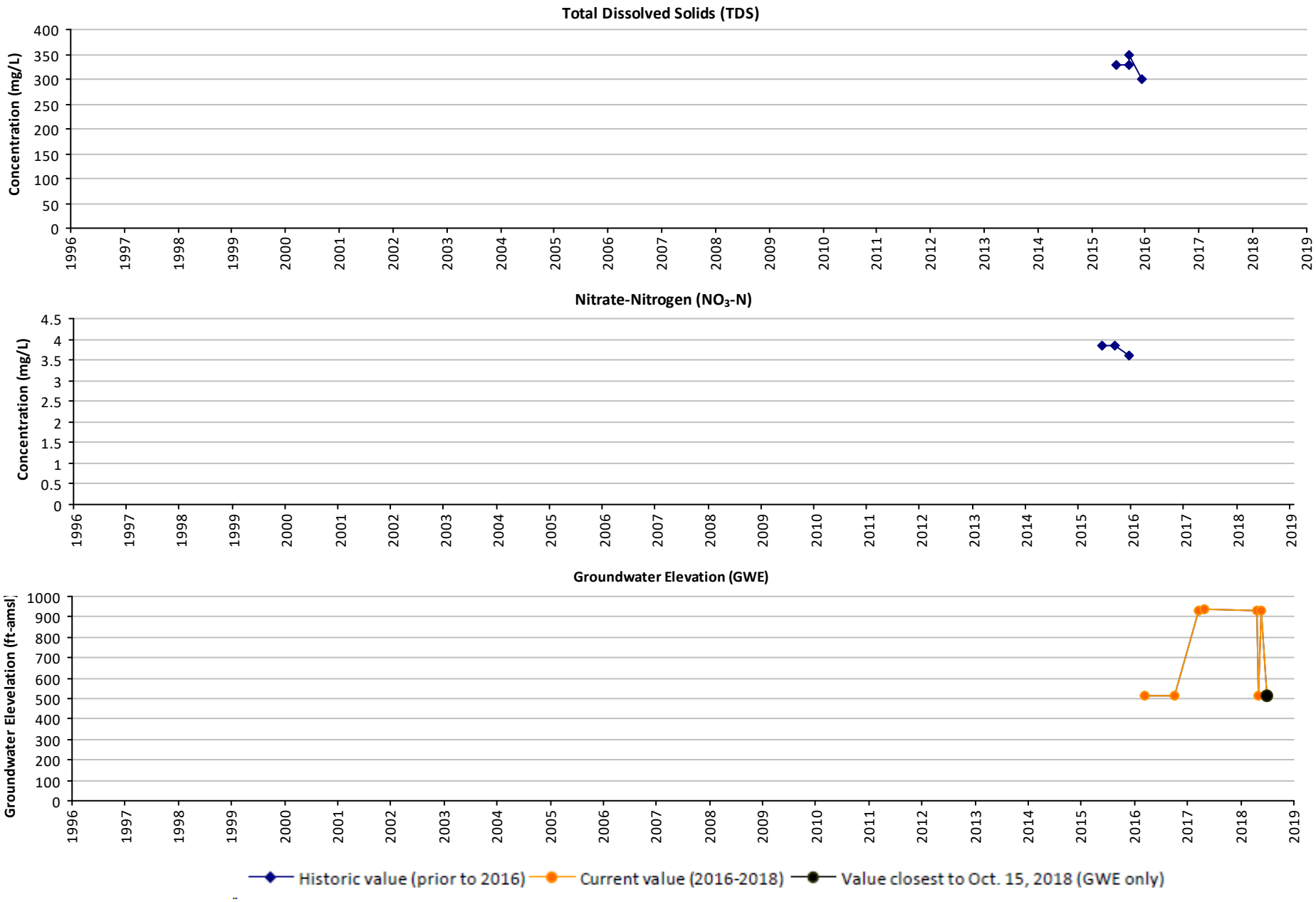
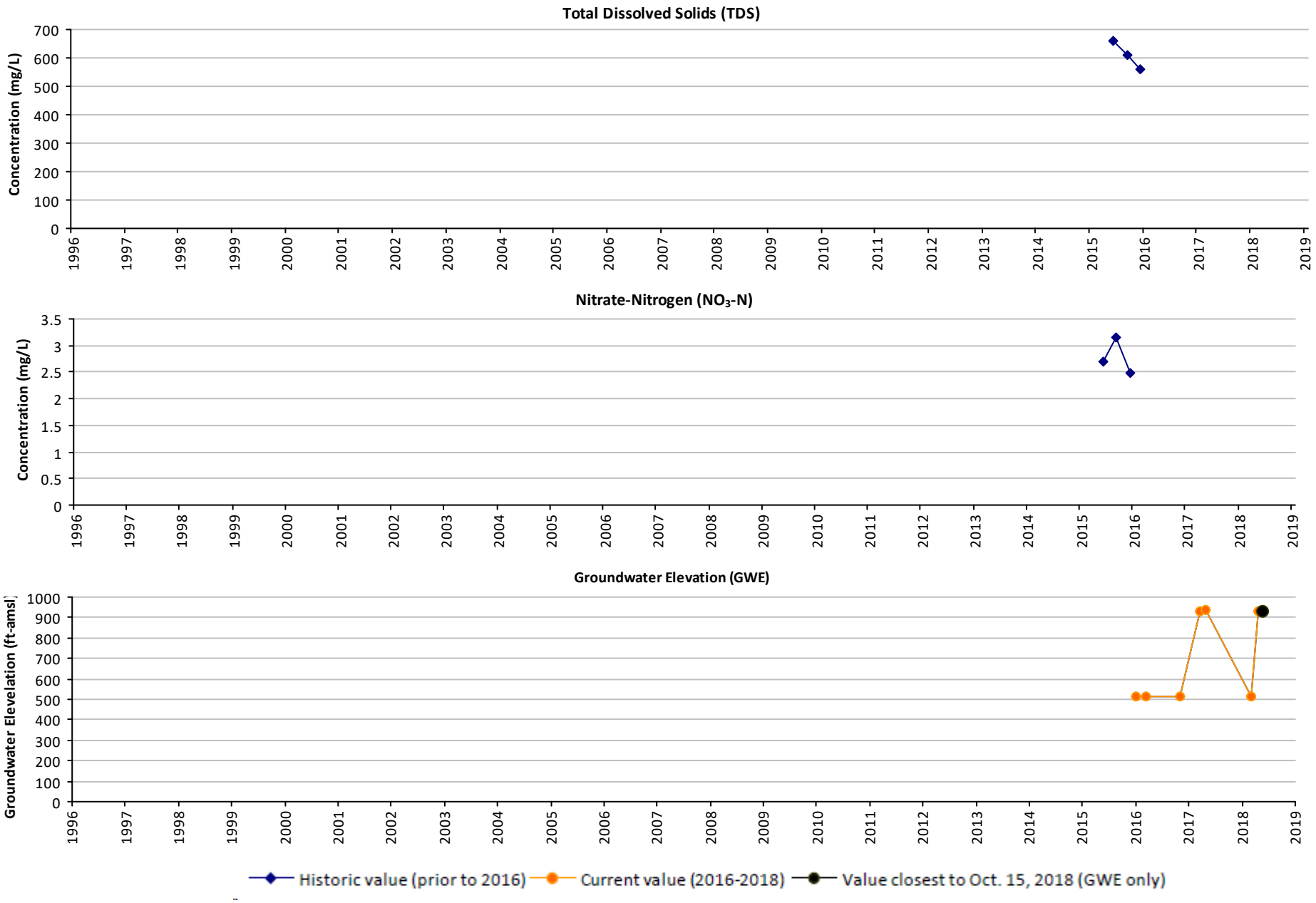
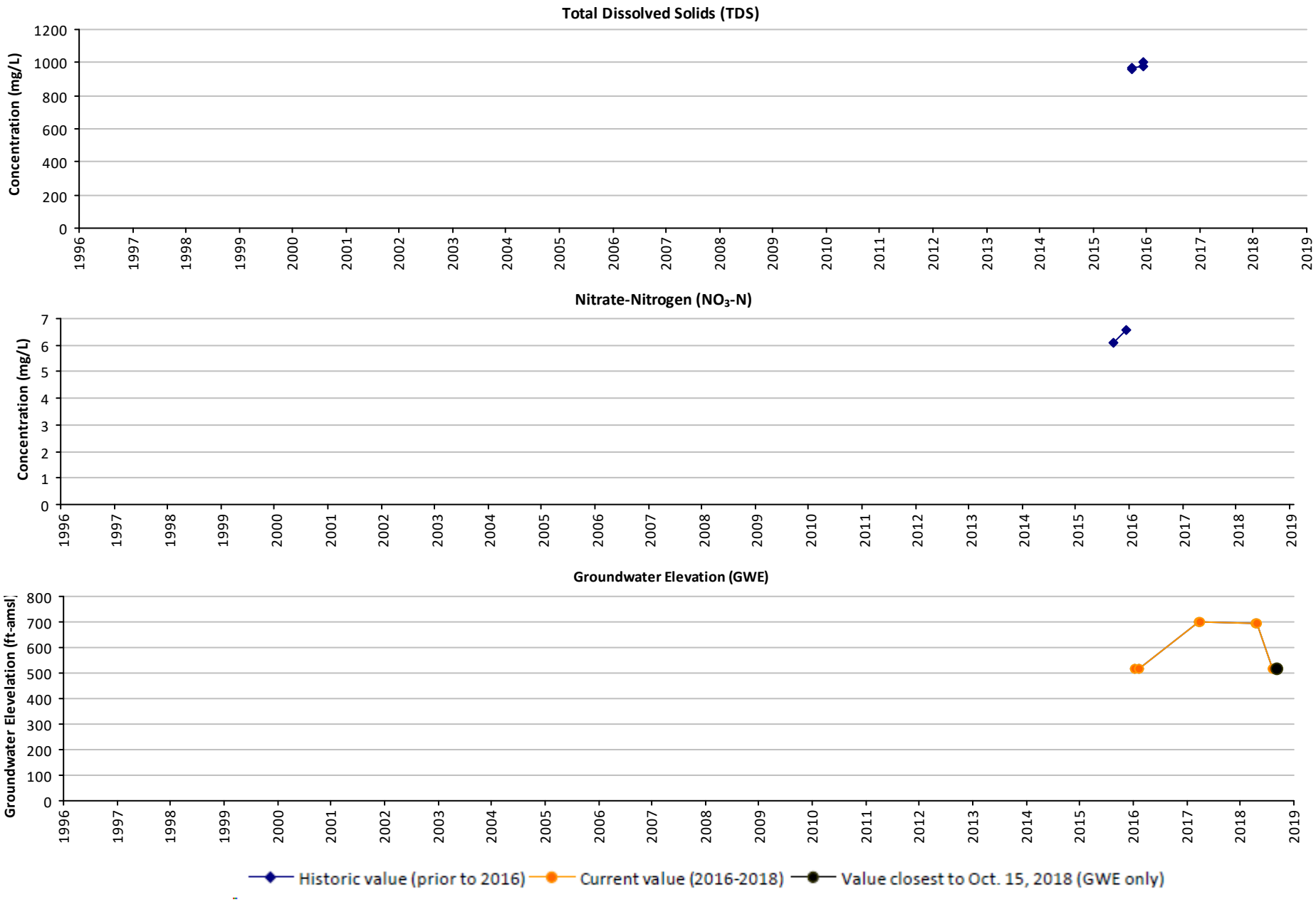
2017
2018
2019

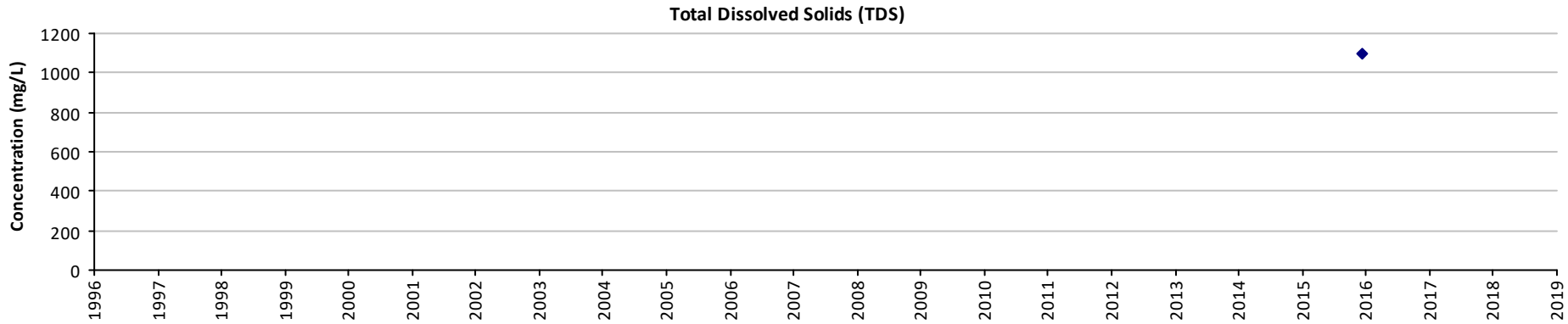

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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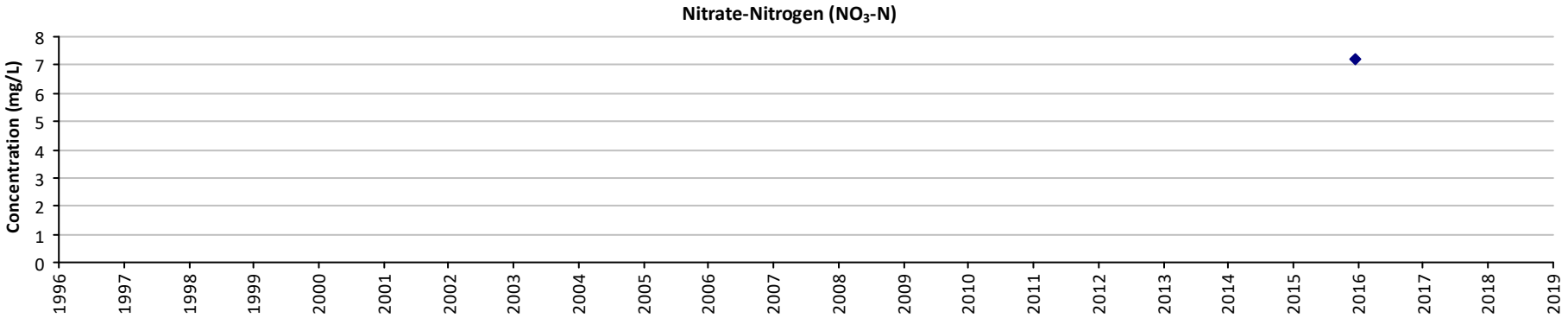
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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2011
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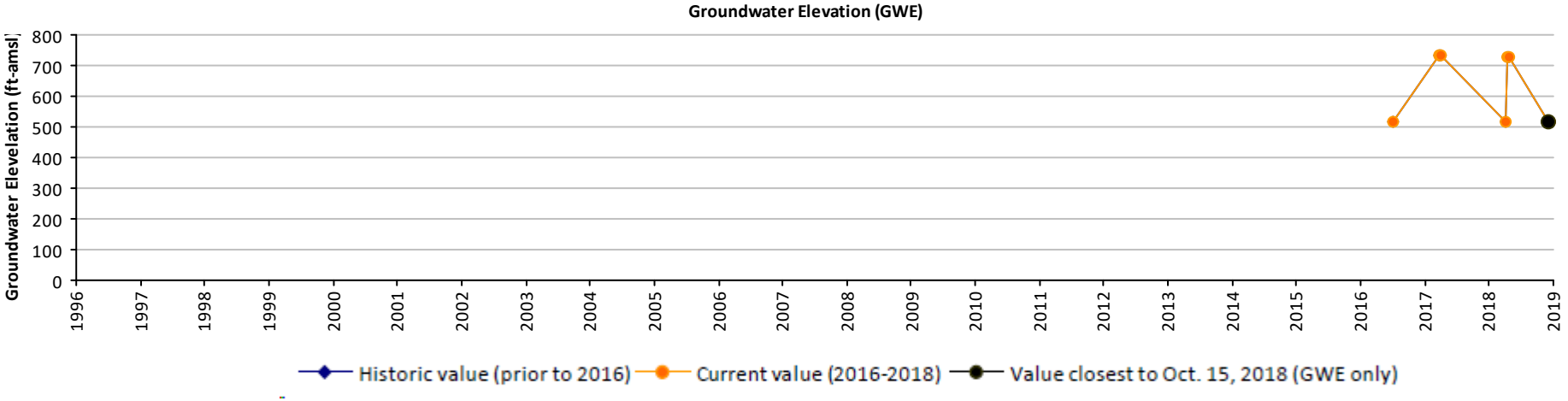
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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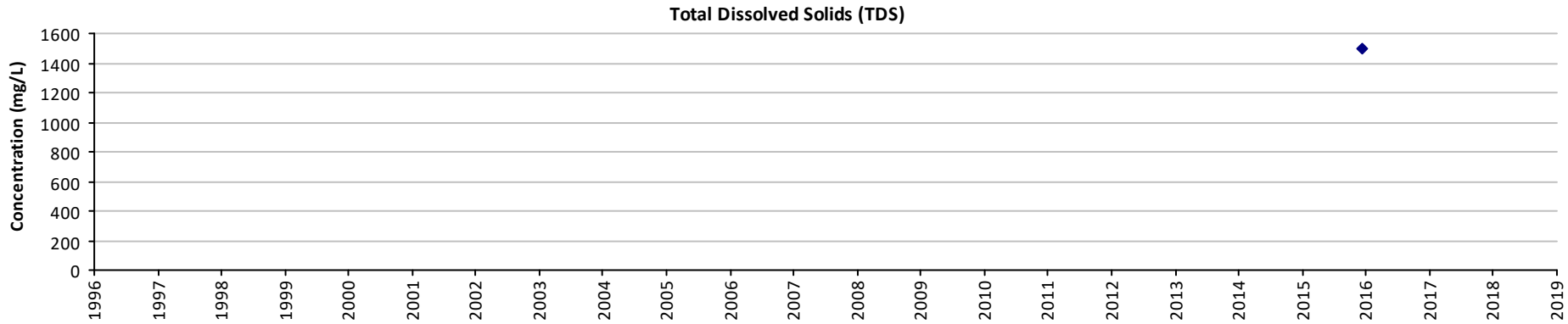
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
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2001
2002
2003
2004
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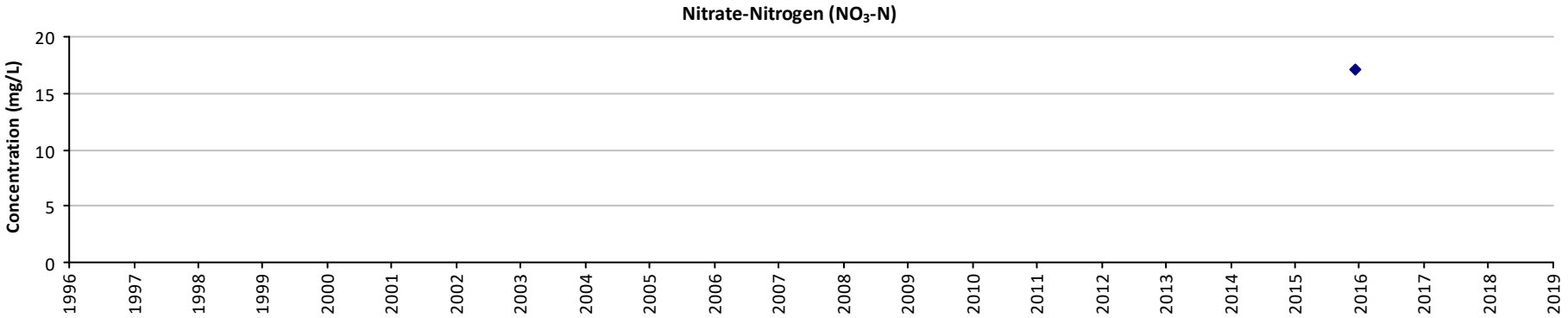
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
1997
1998
1999
2000
2001
2002
2003
2004
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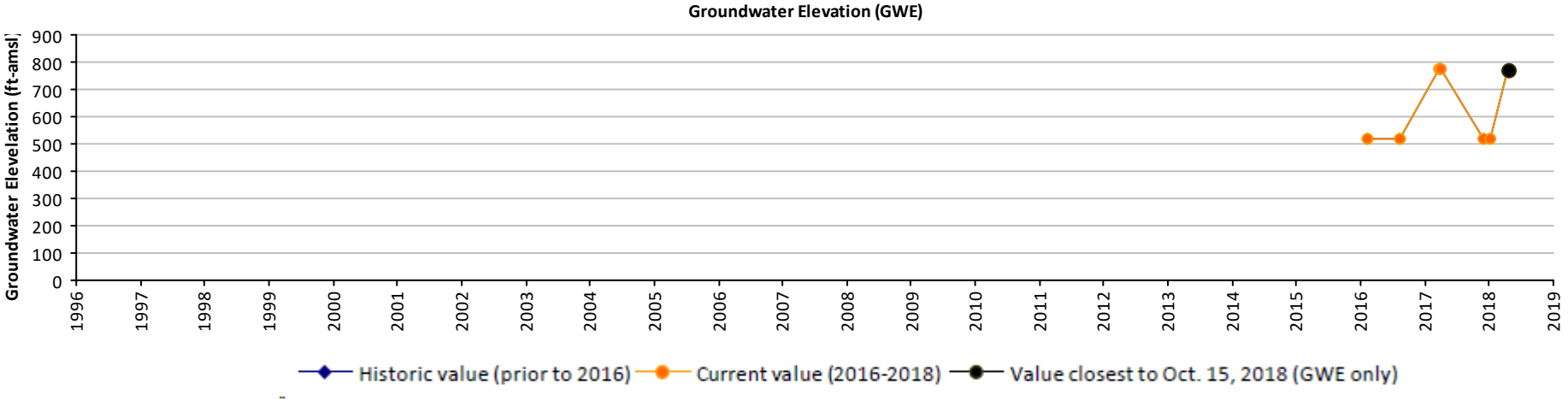
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
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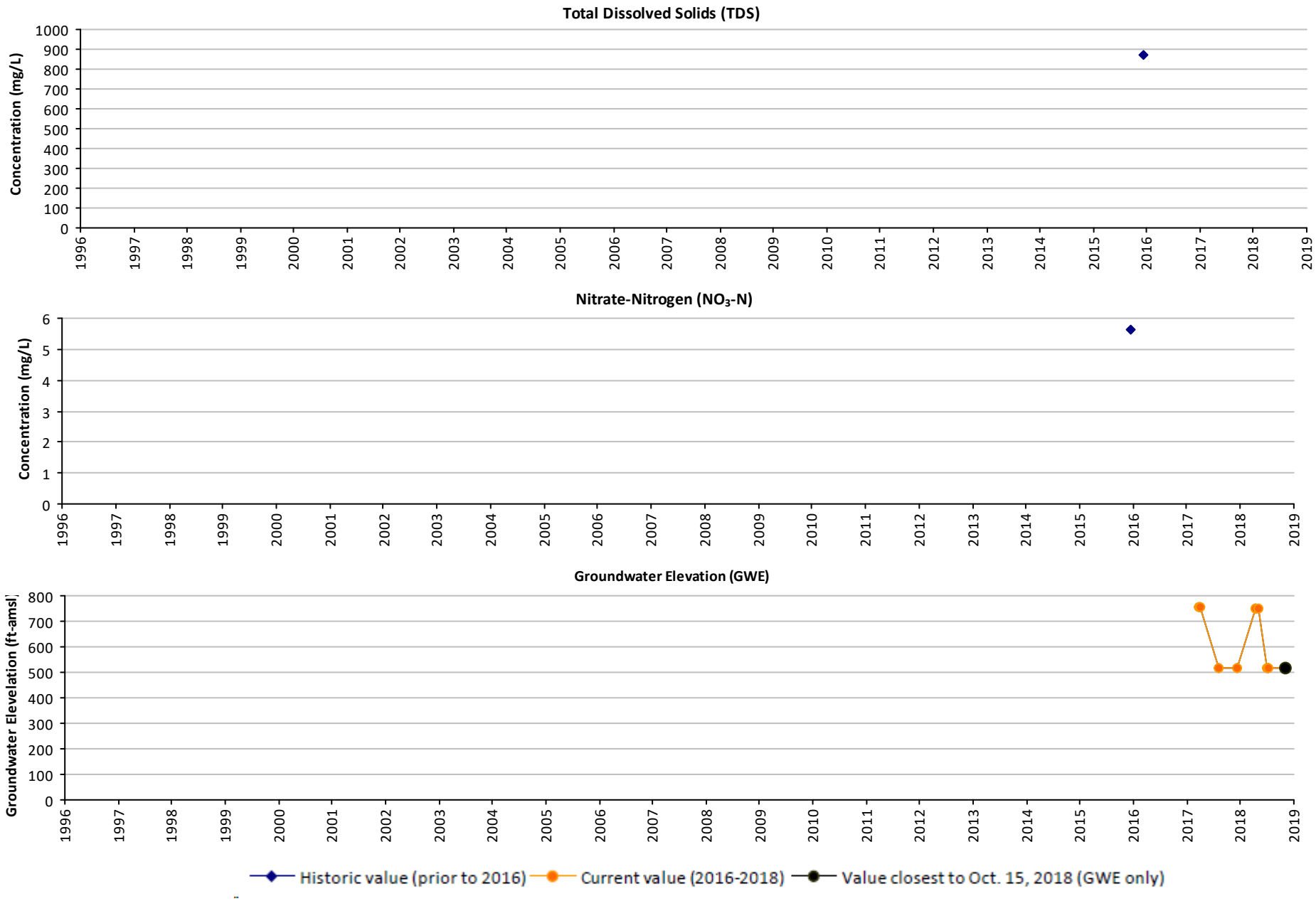
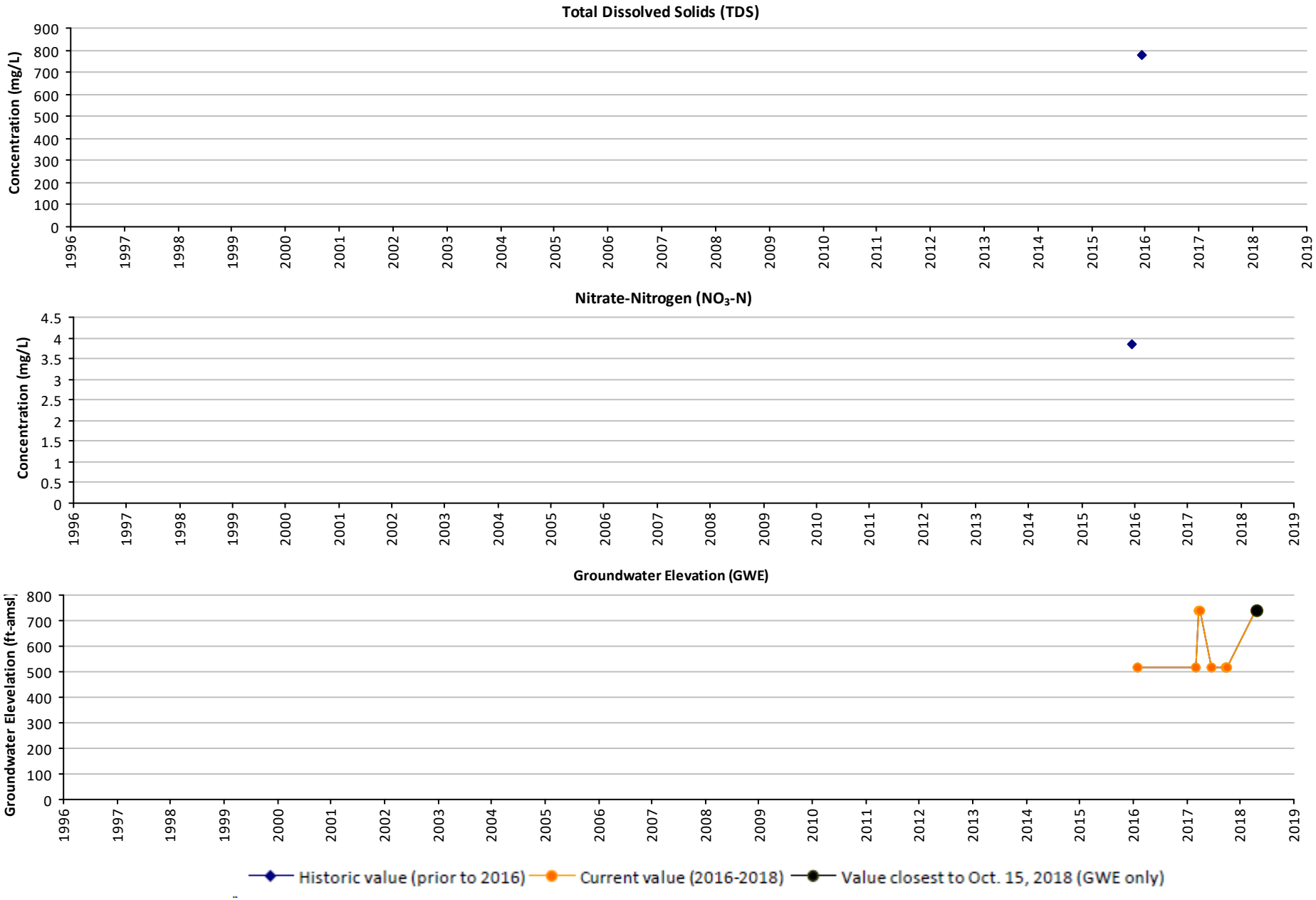
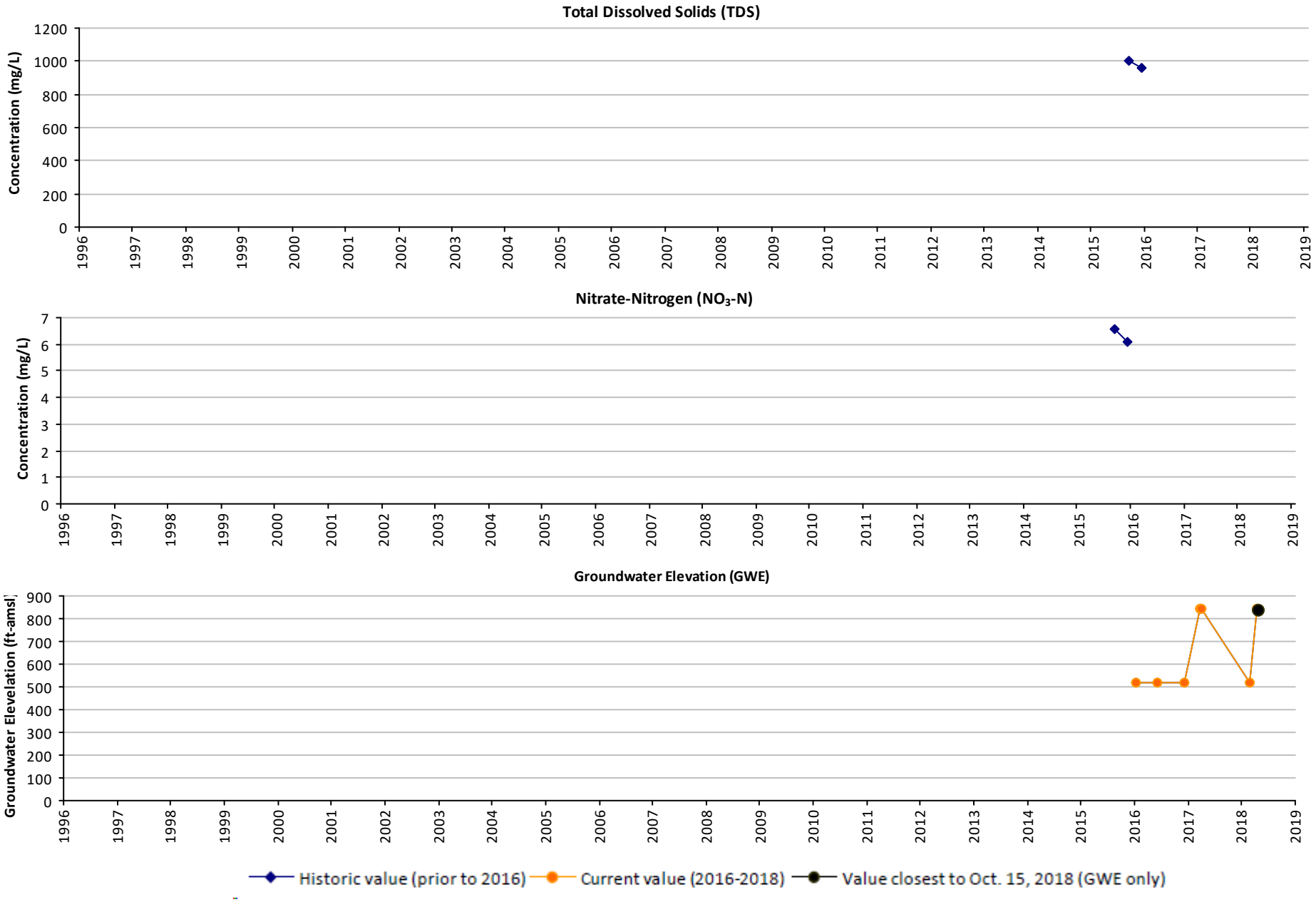
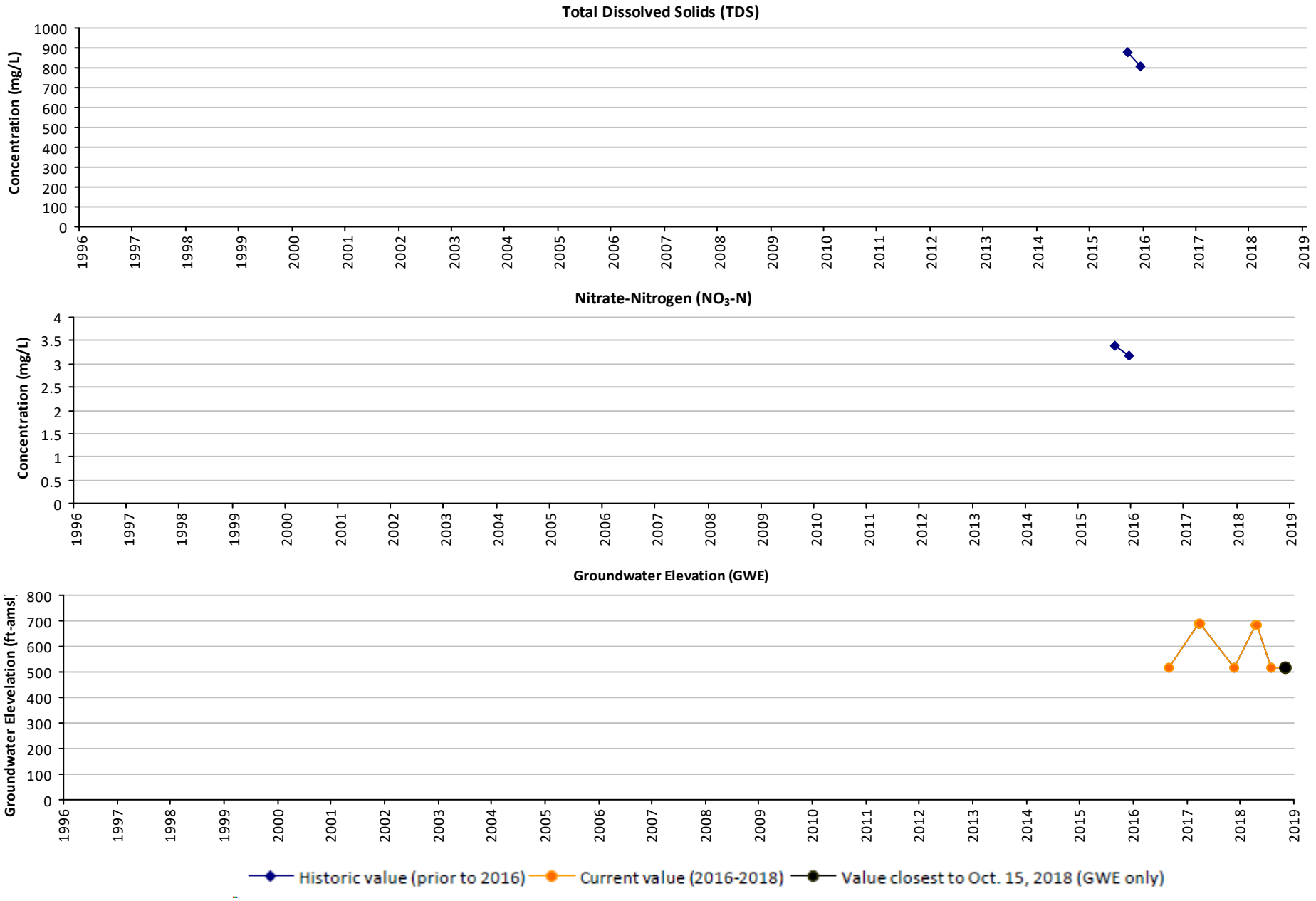
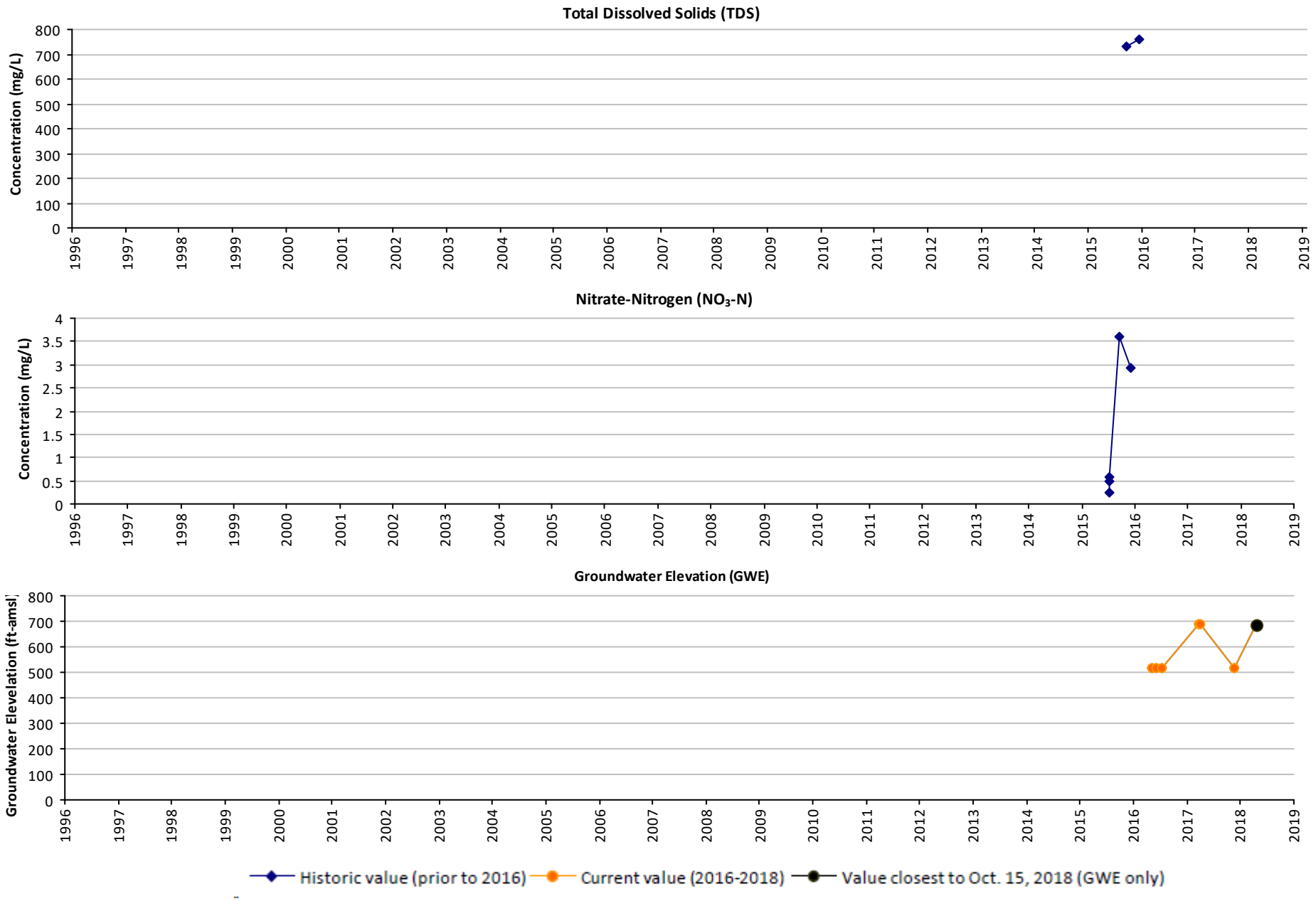
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

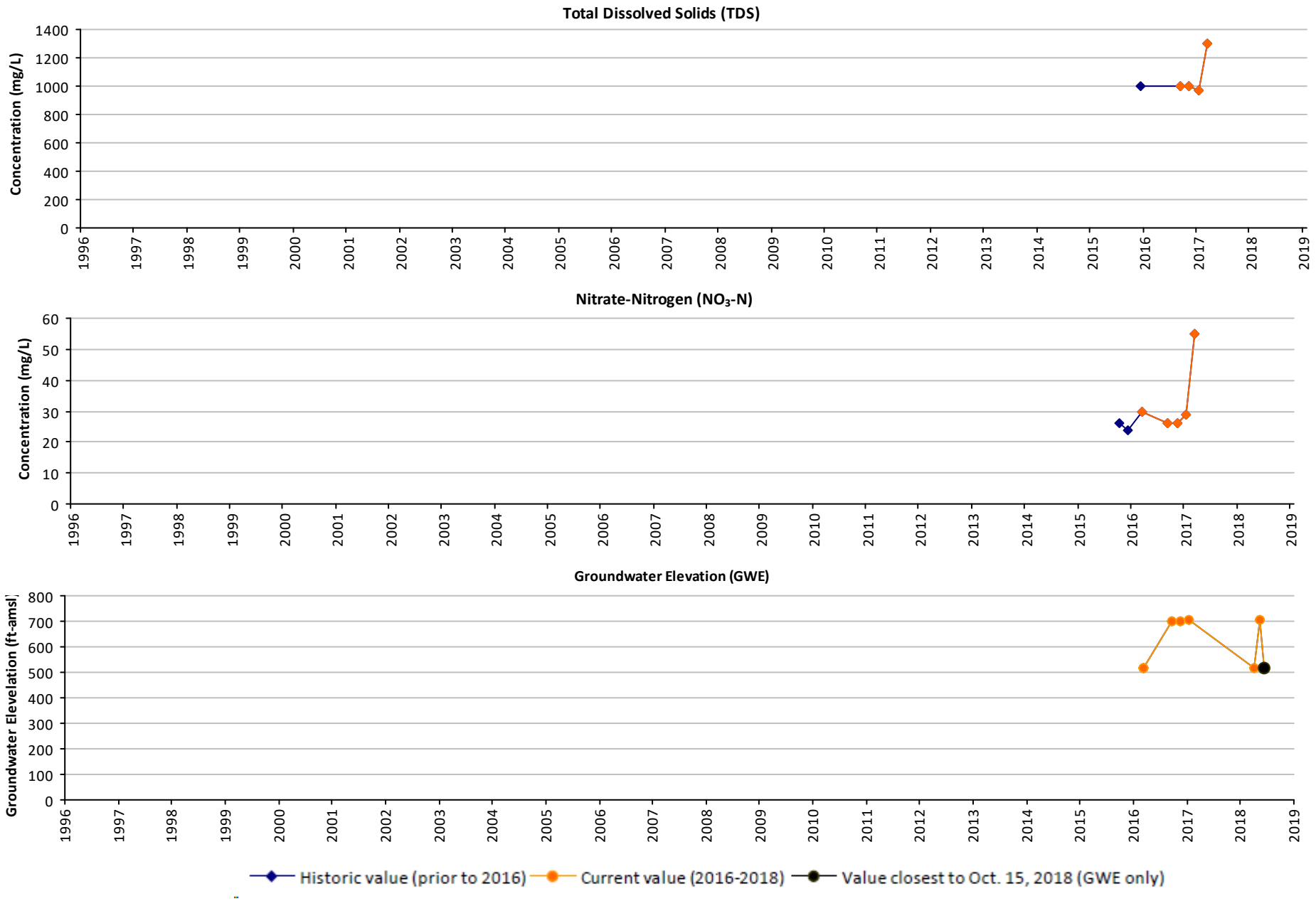

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

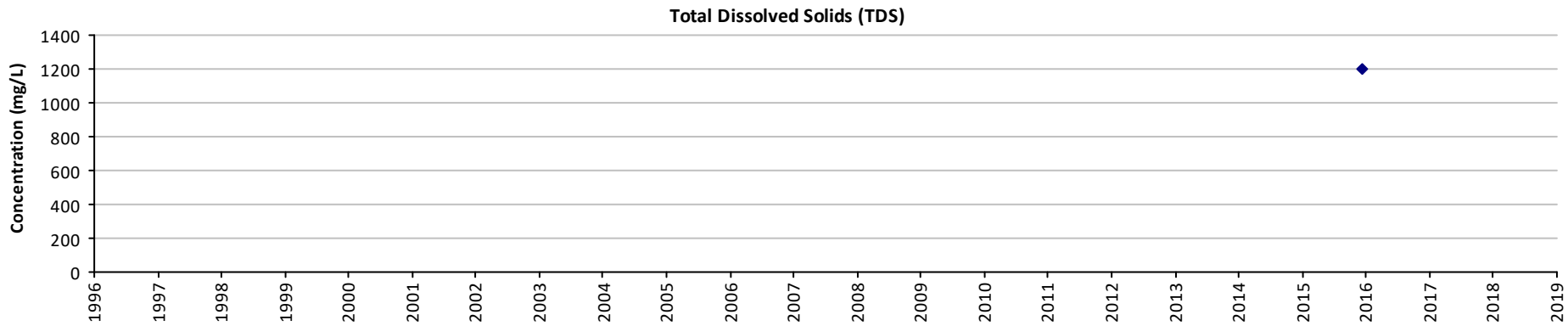

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
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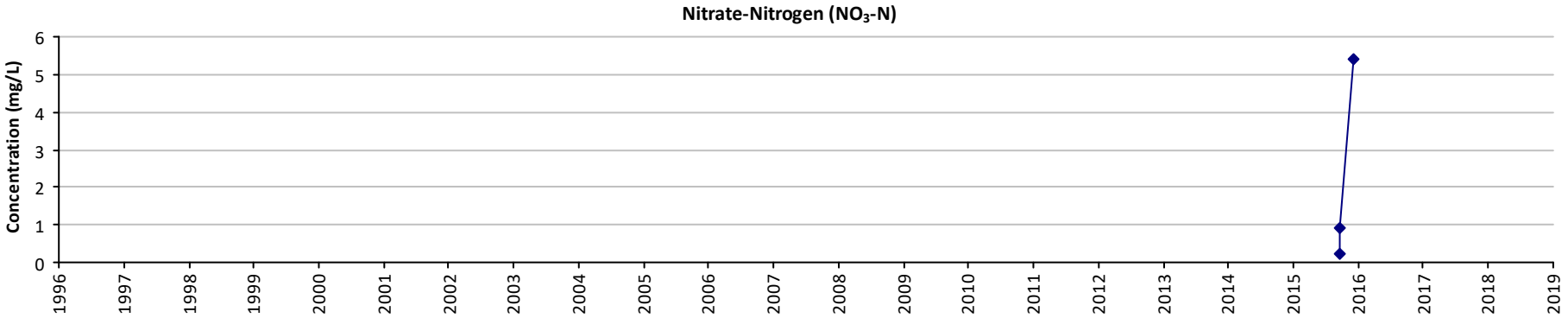
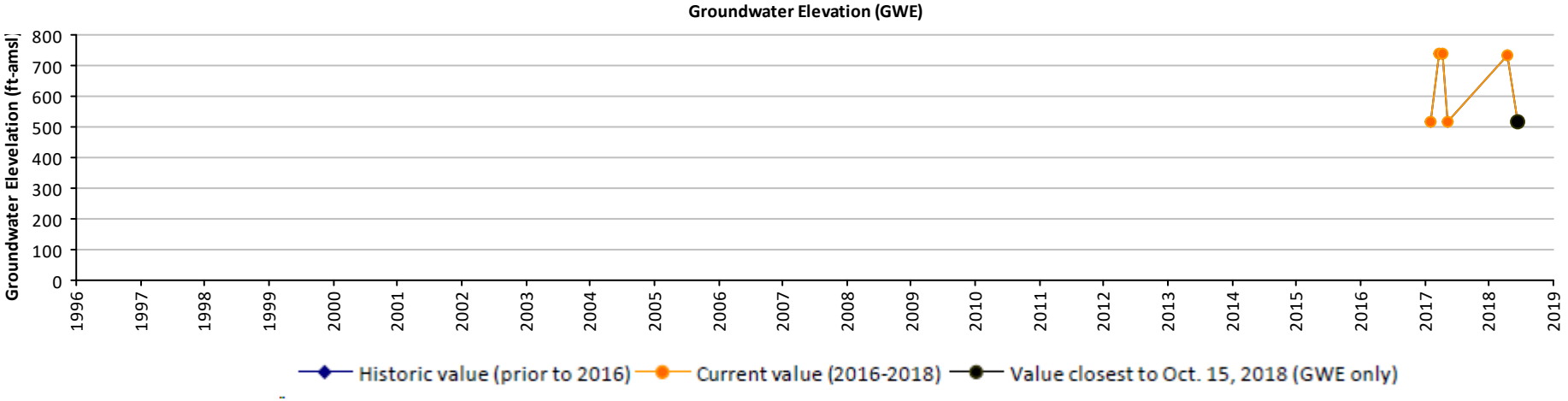
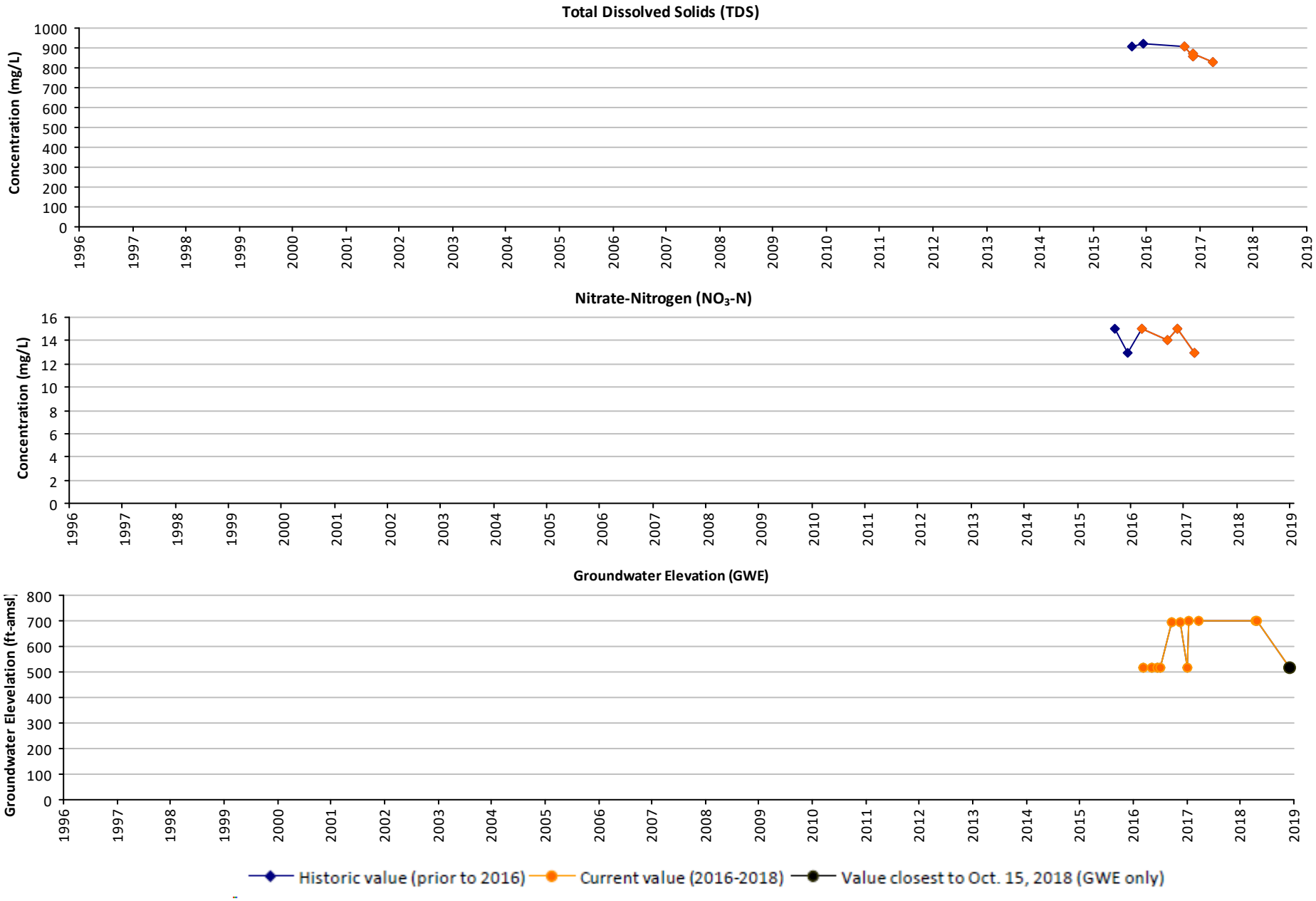
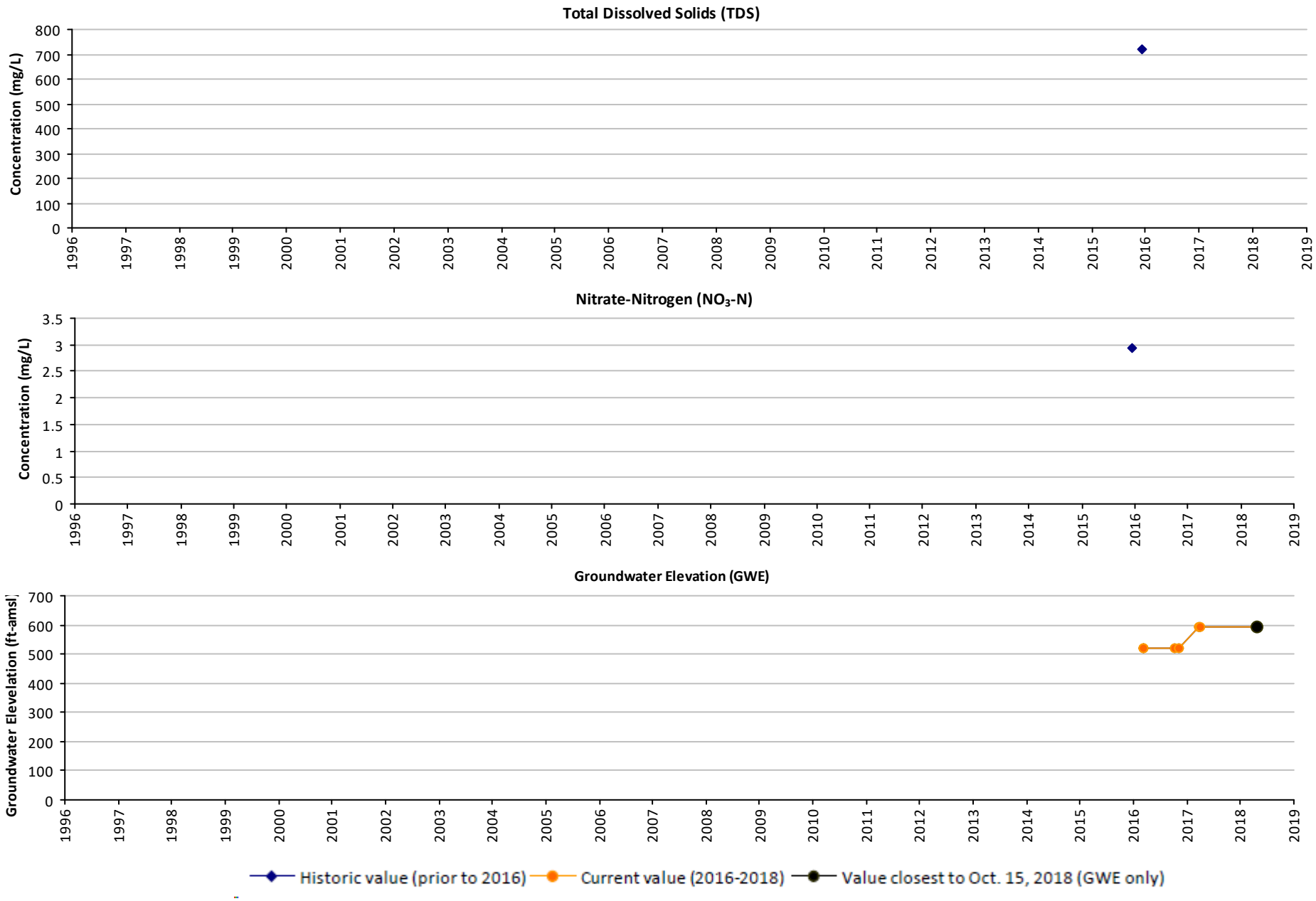
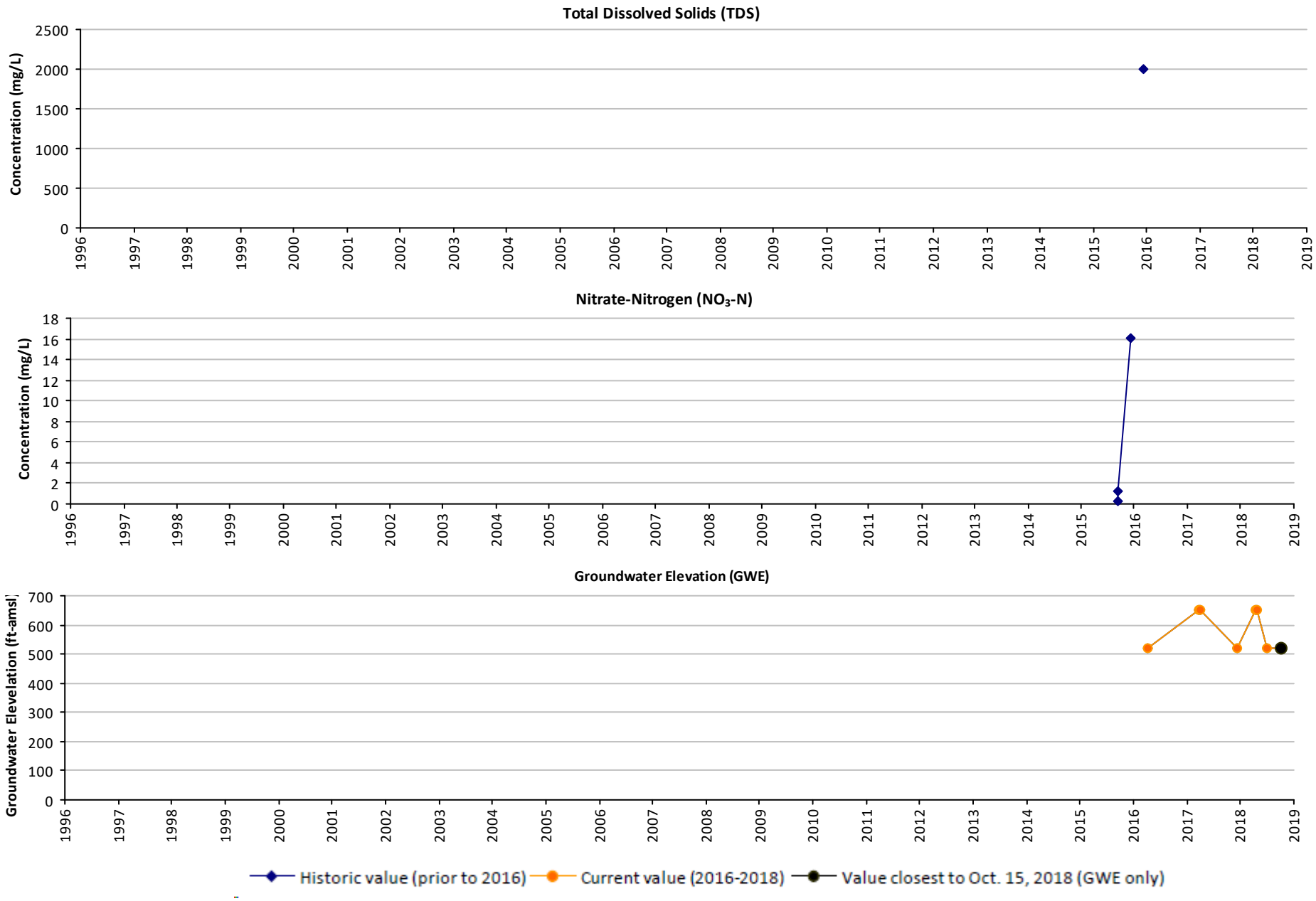
2015
2016
2017
2018
2019

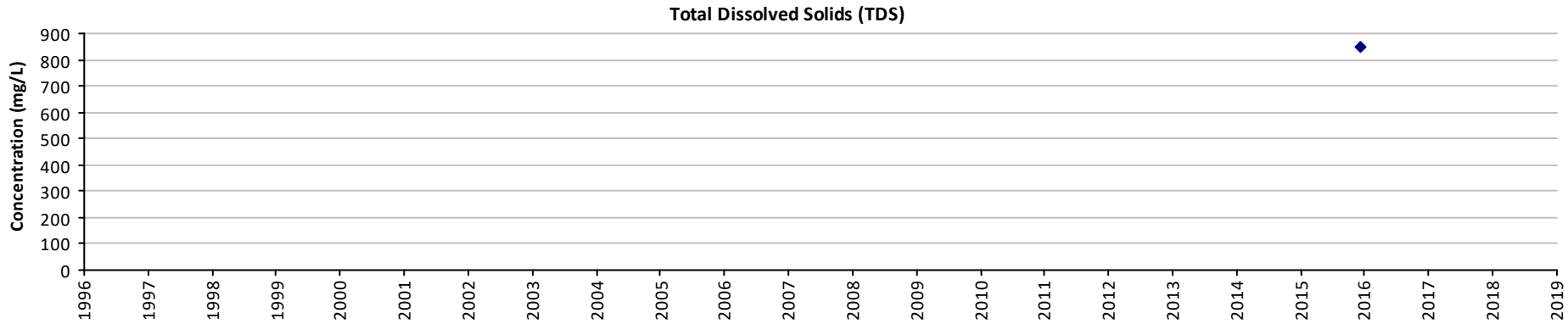

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
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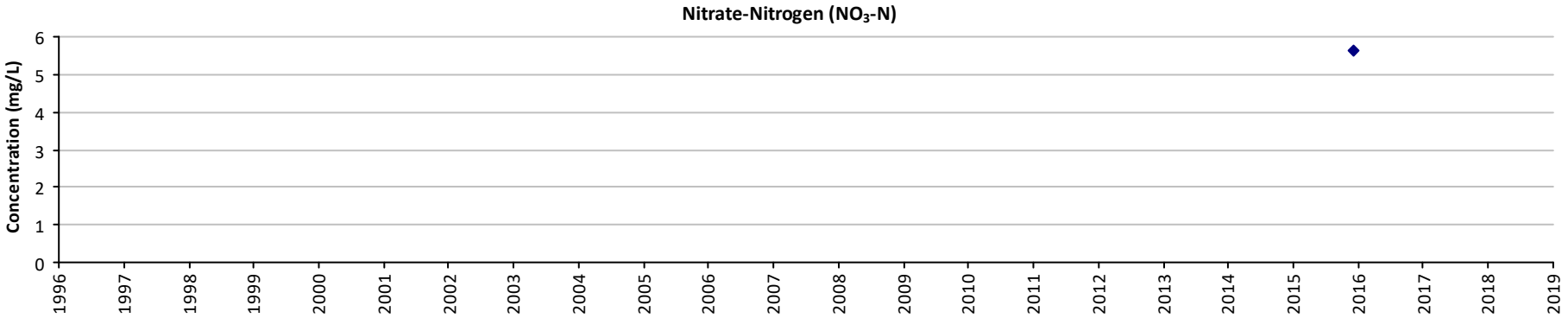
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
2009
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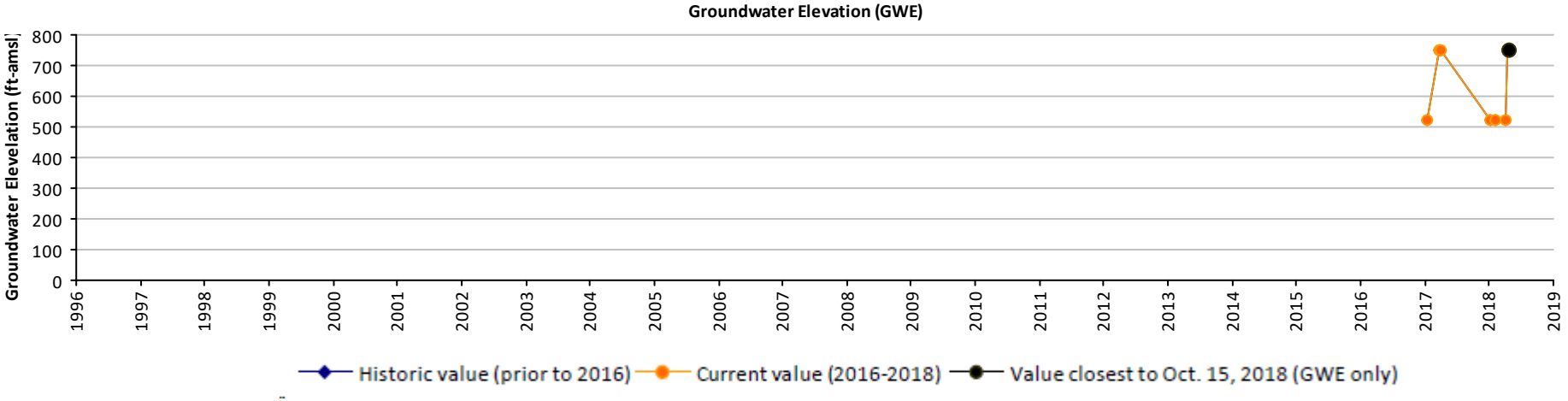
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
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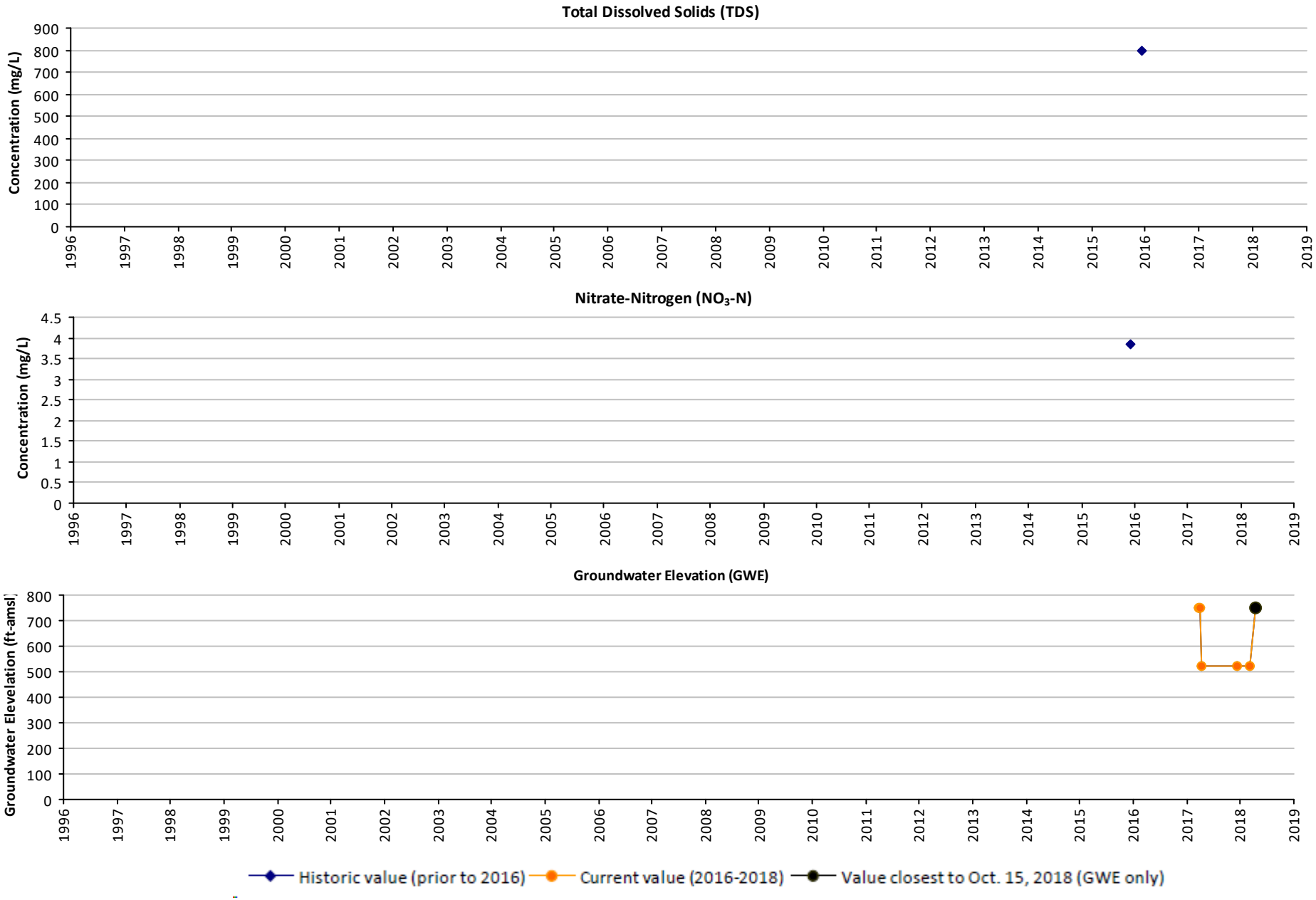
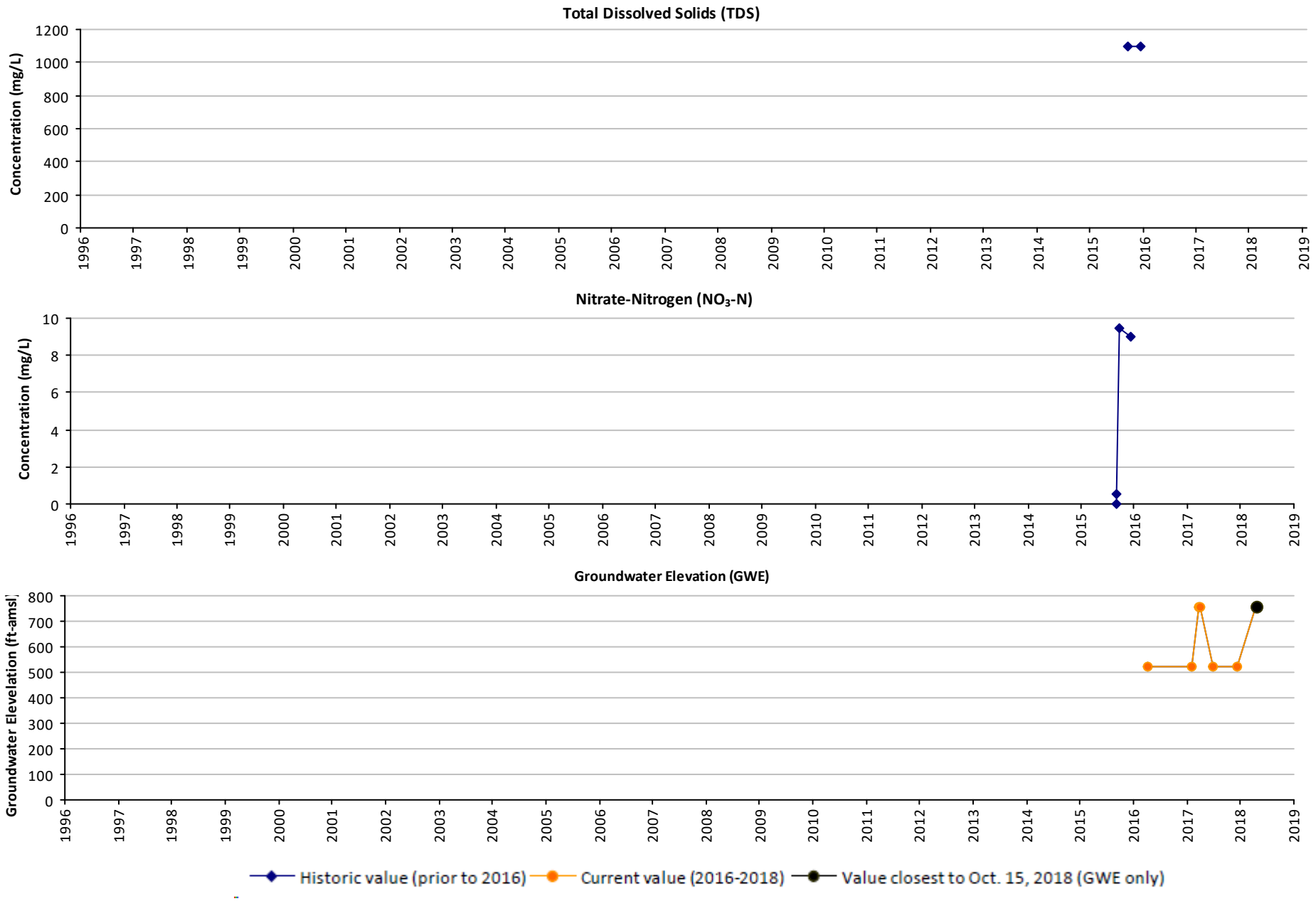
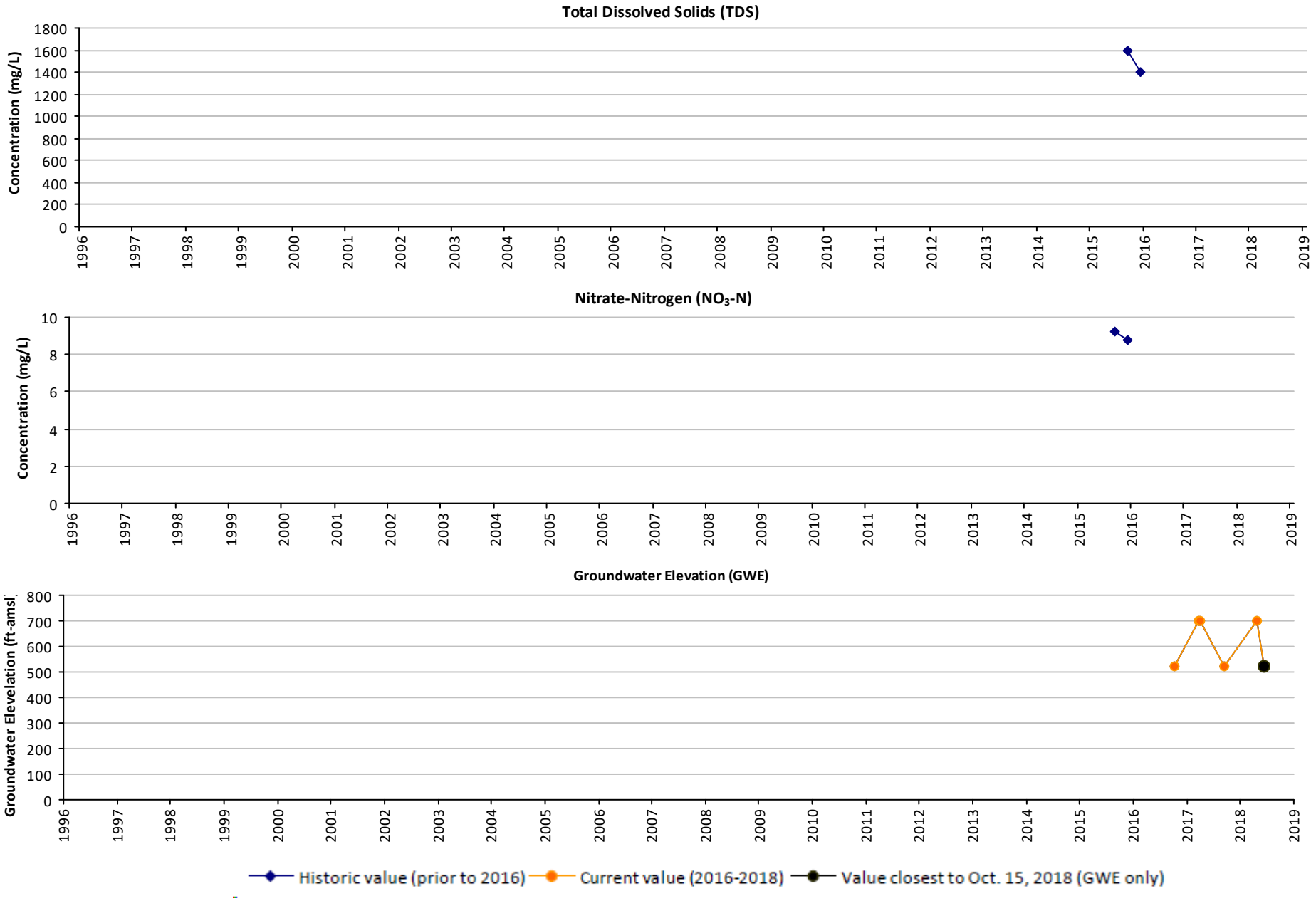
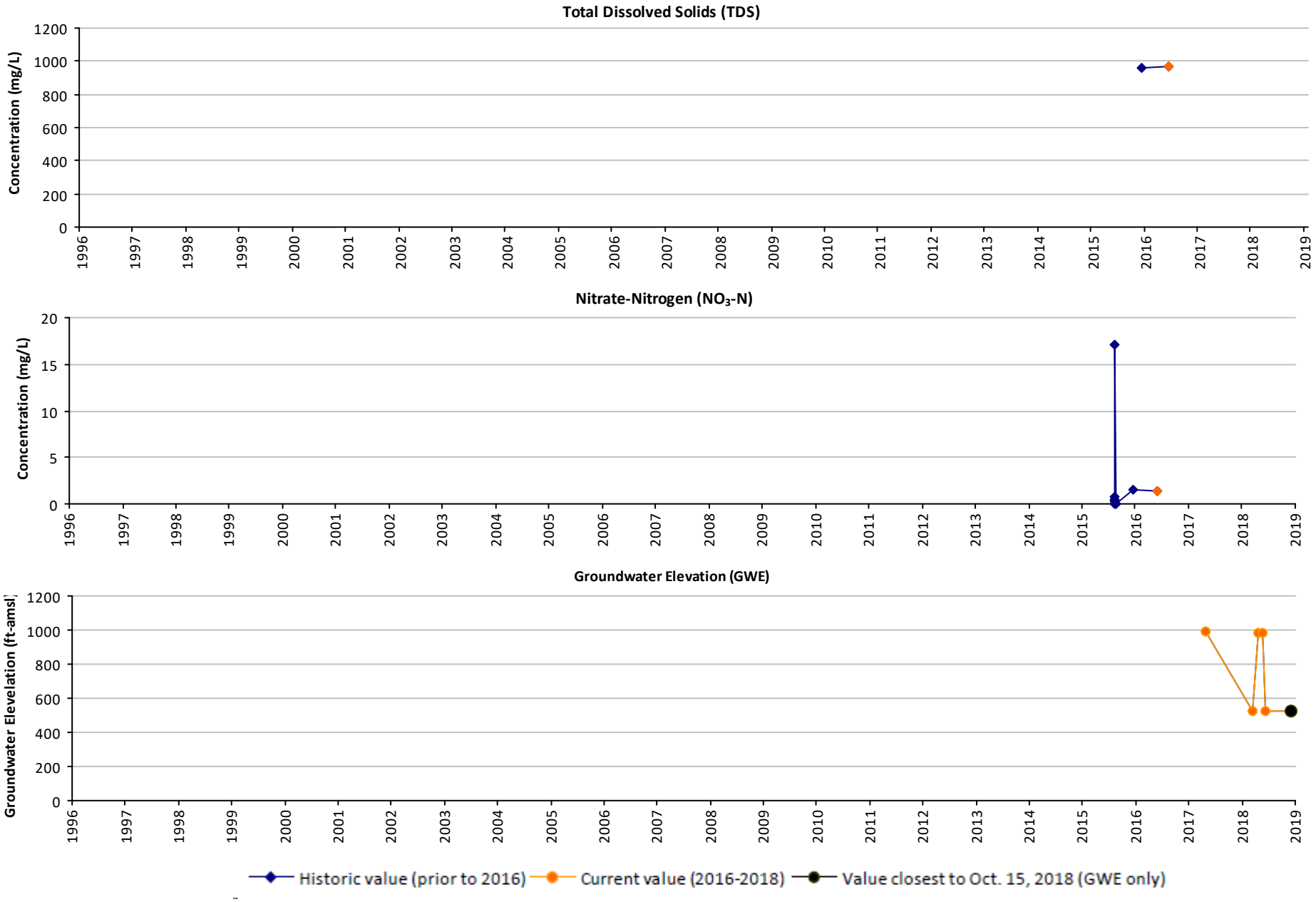
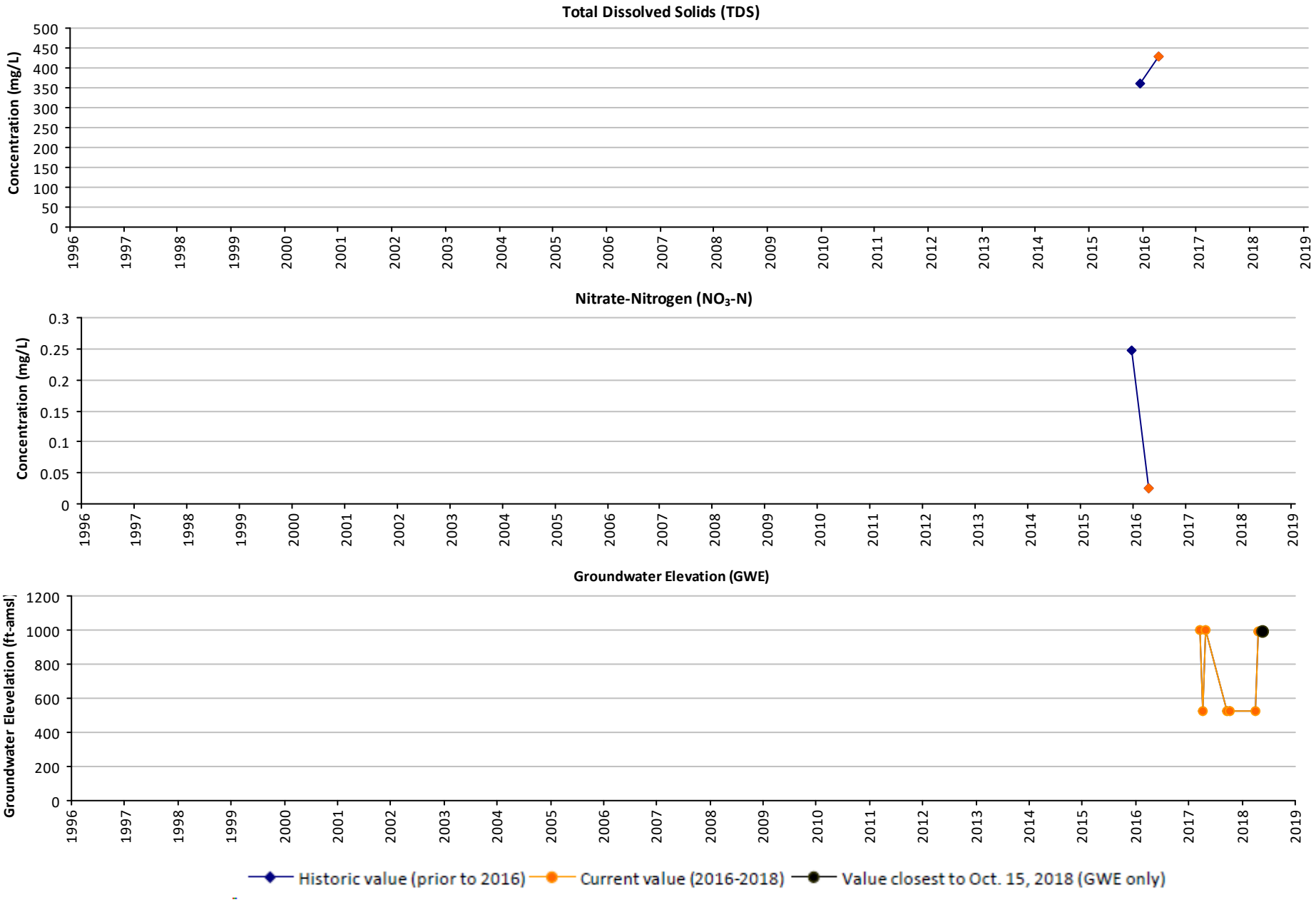
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

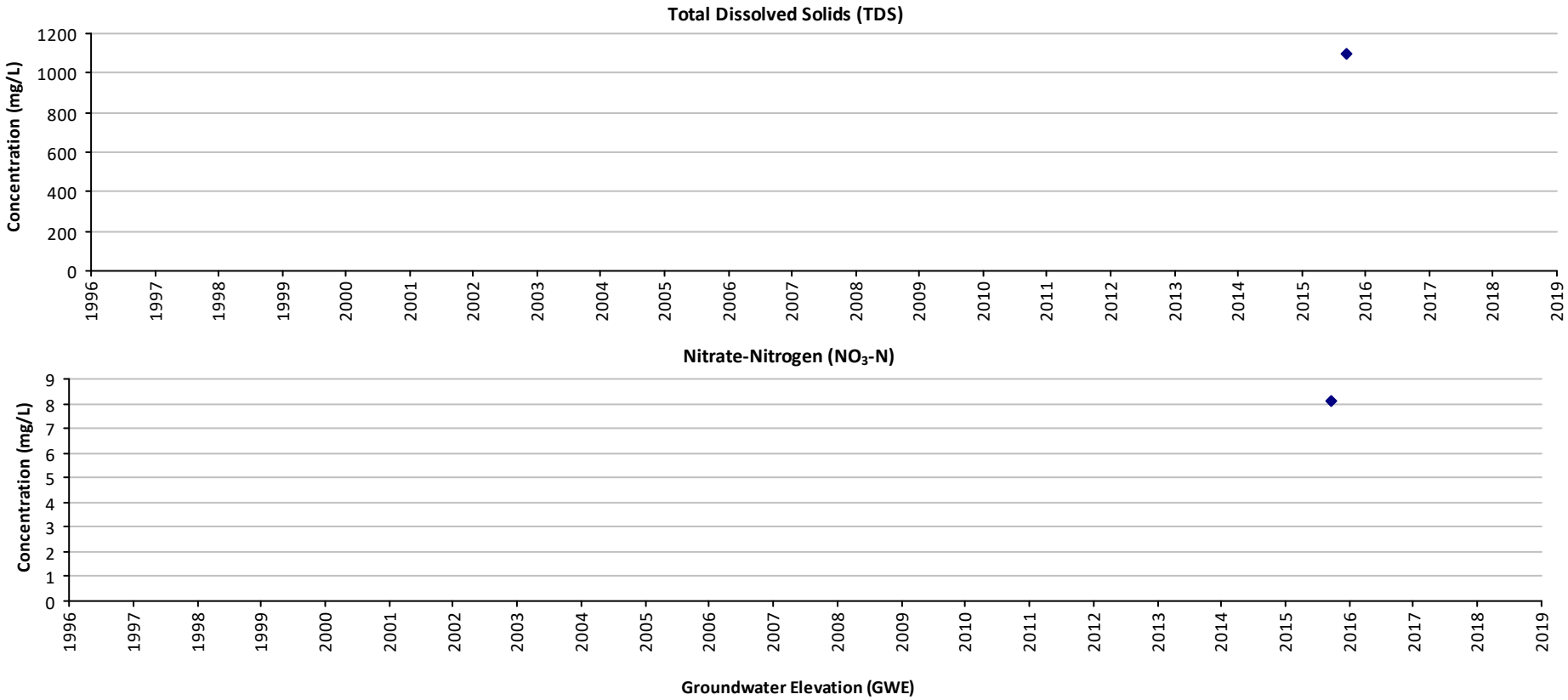

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

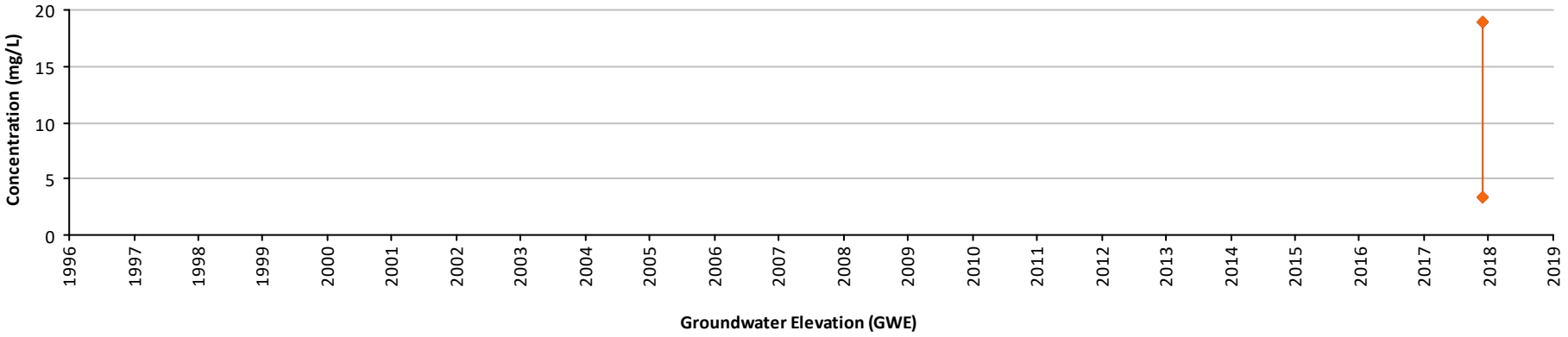

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

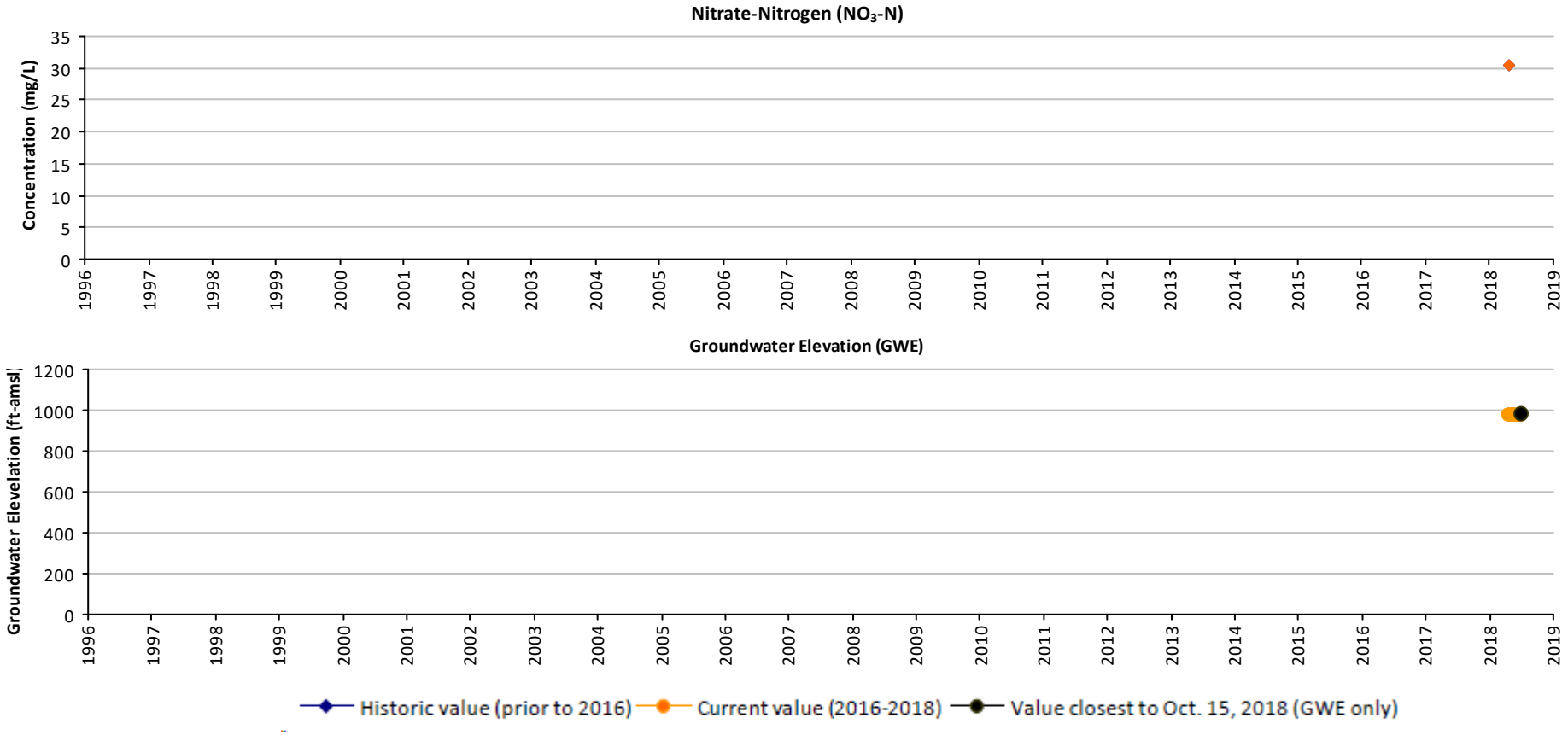
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

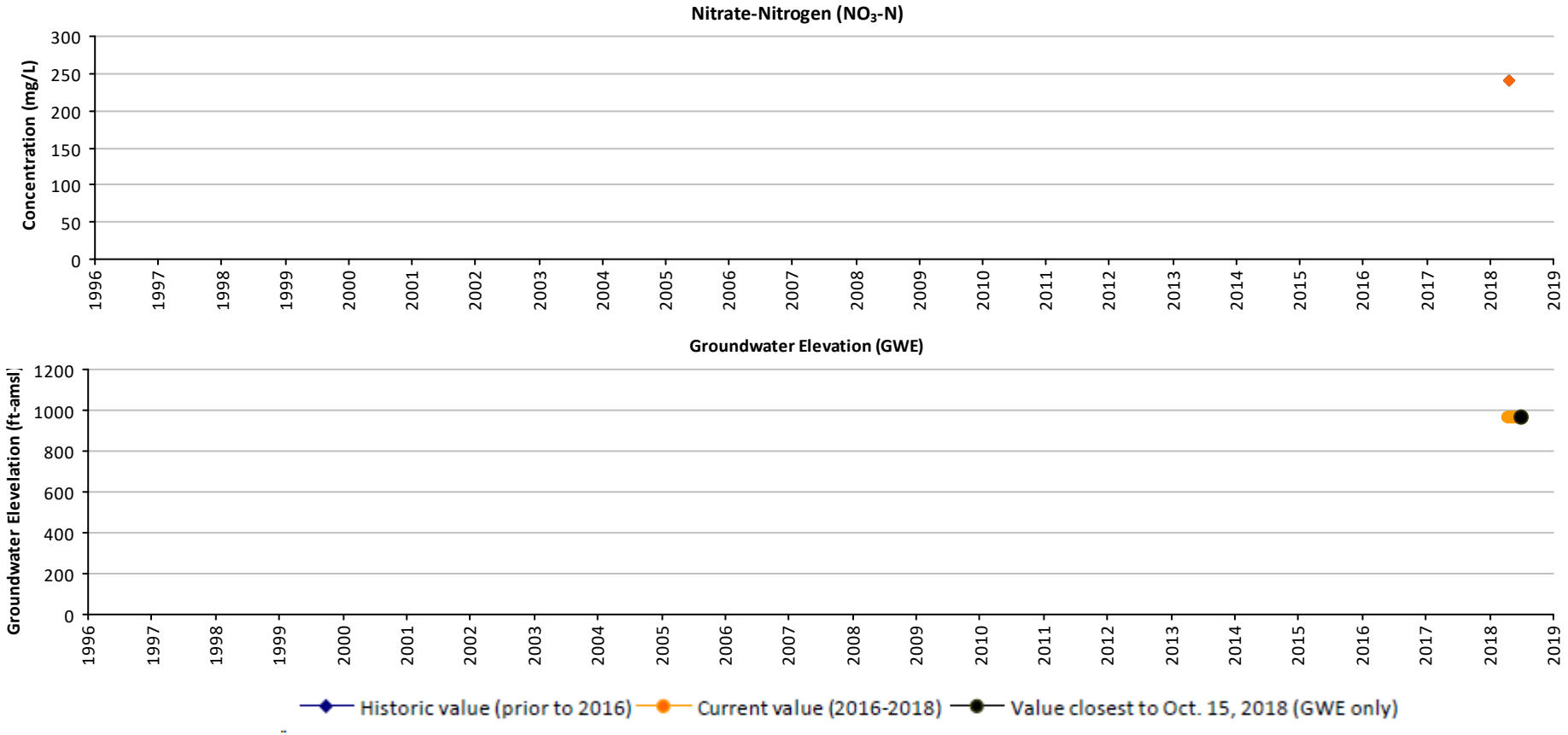


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

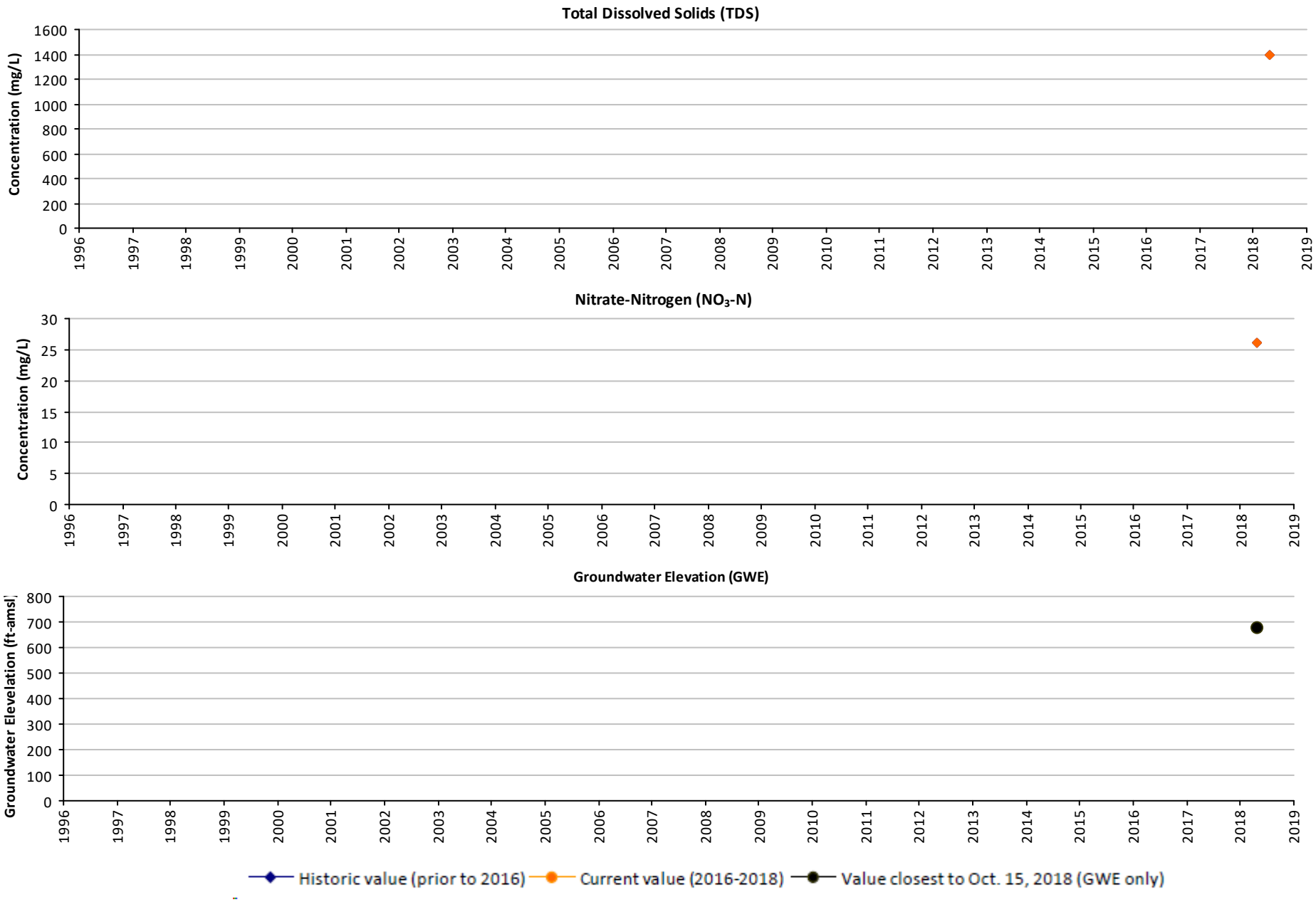
Total Dissolved Solids (TDS)

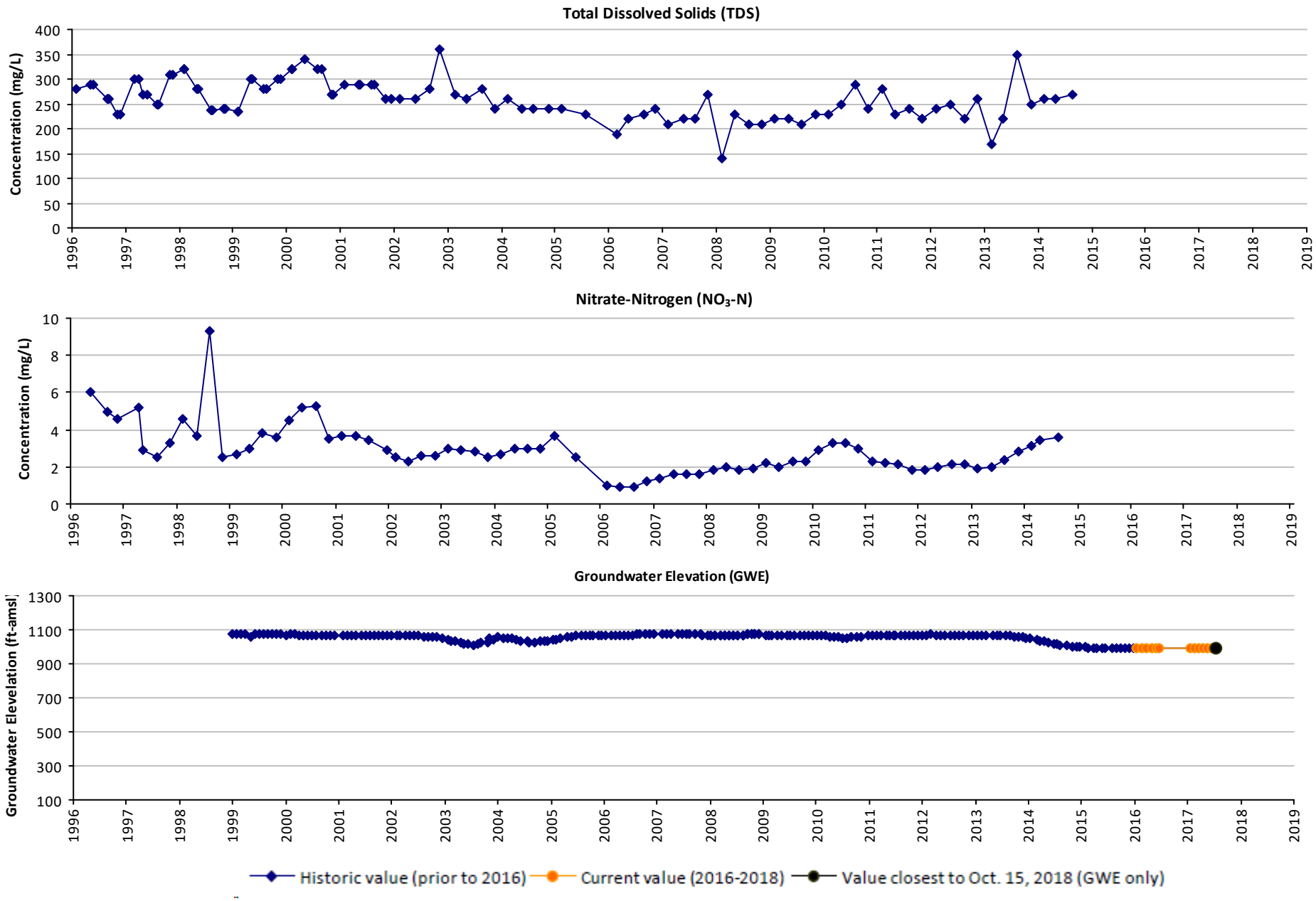


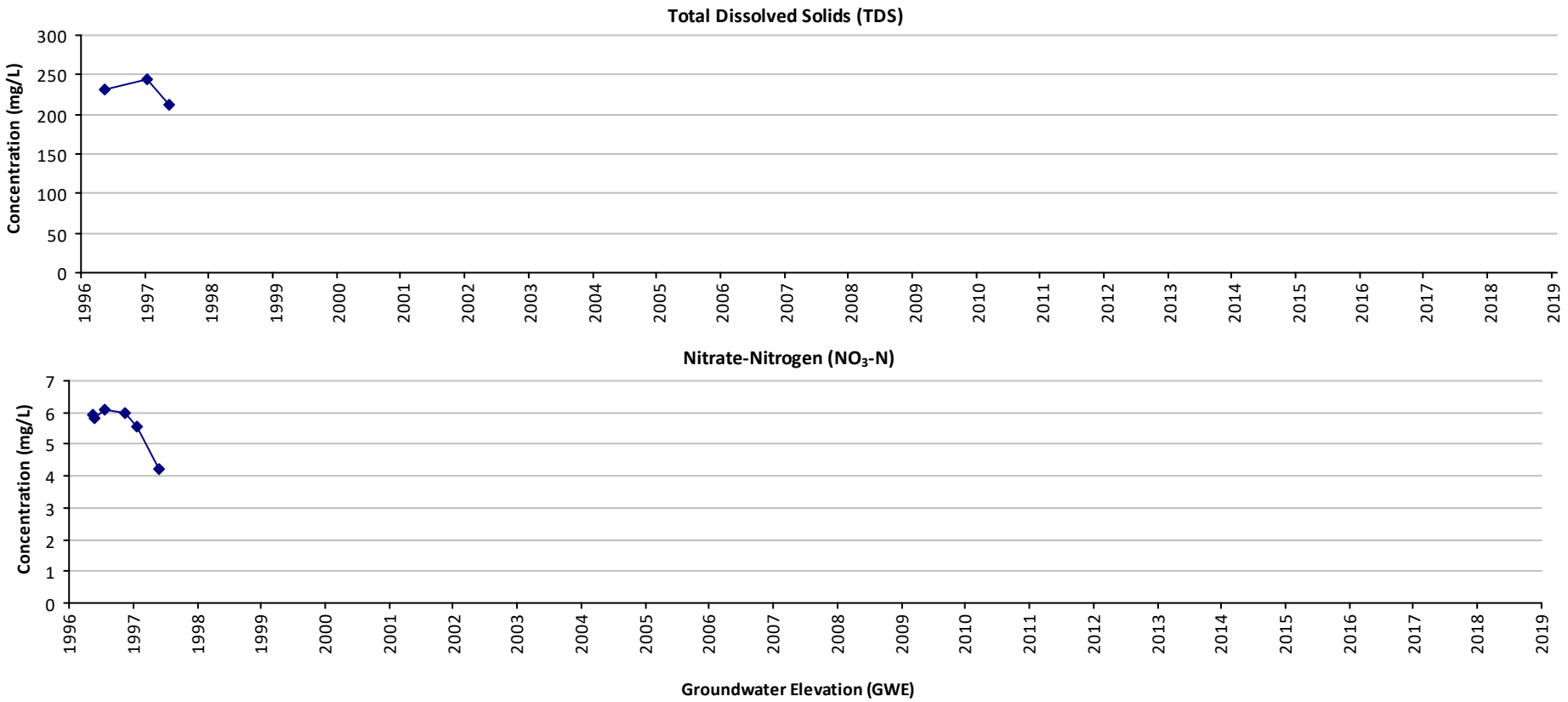
Total Dissolved Solids (TDS)

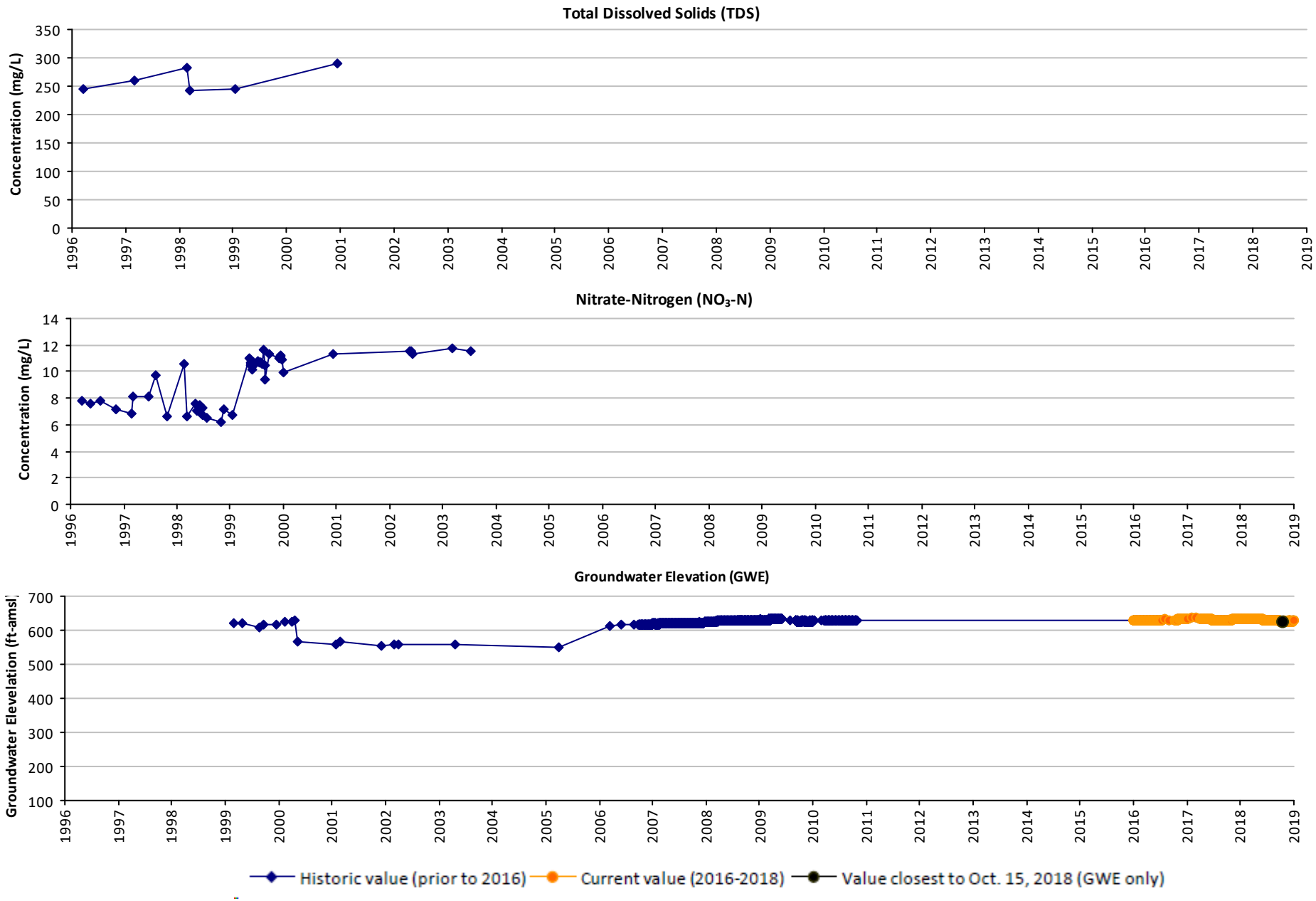


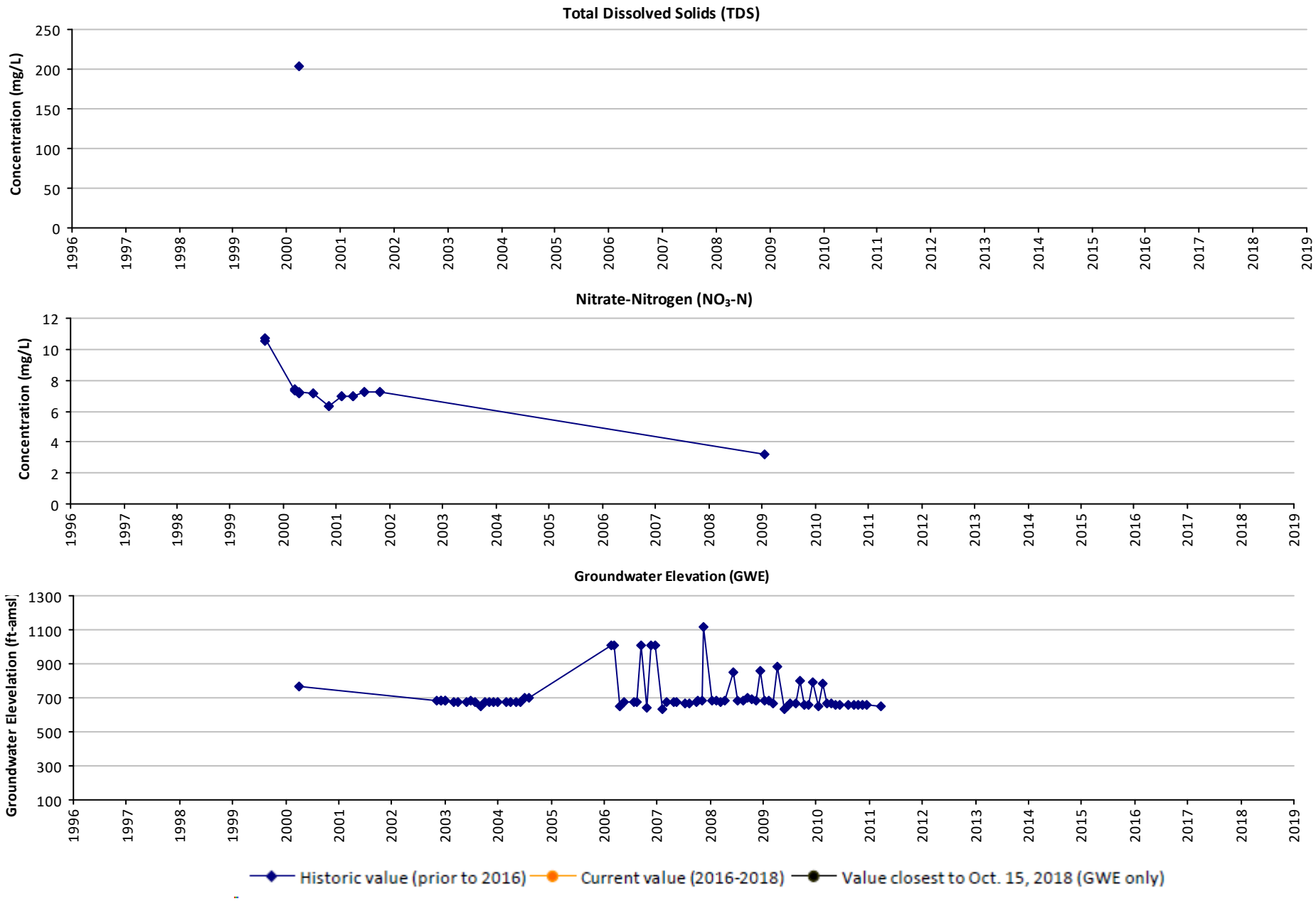
Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

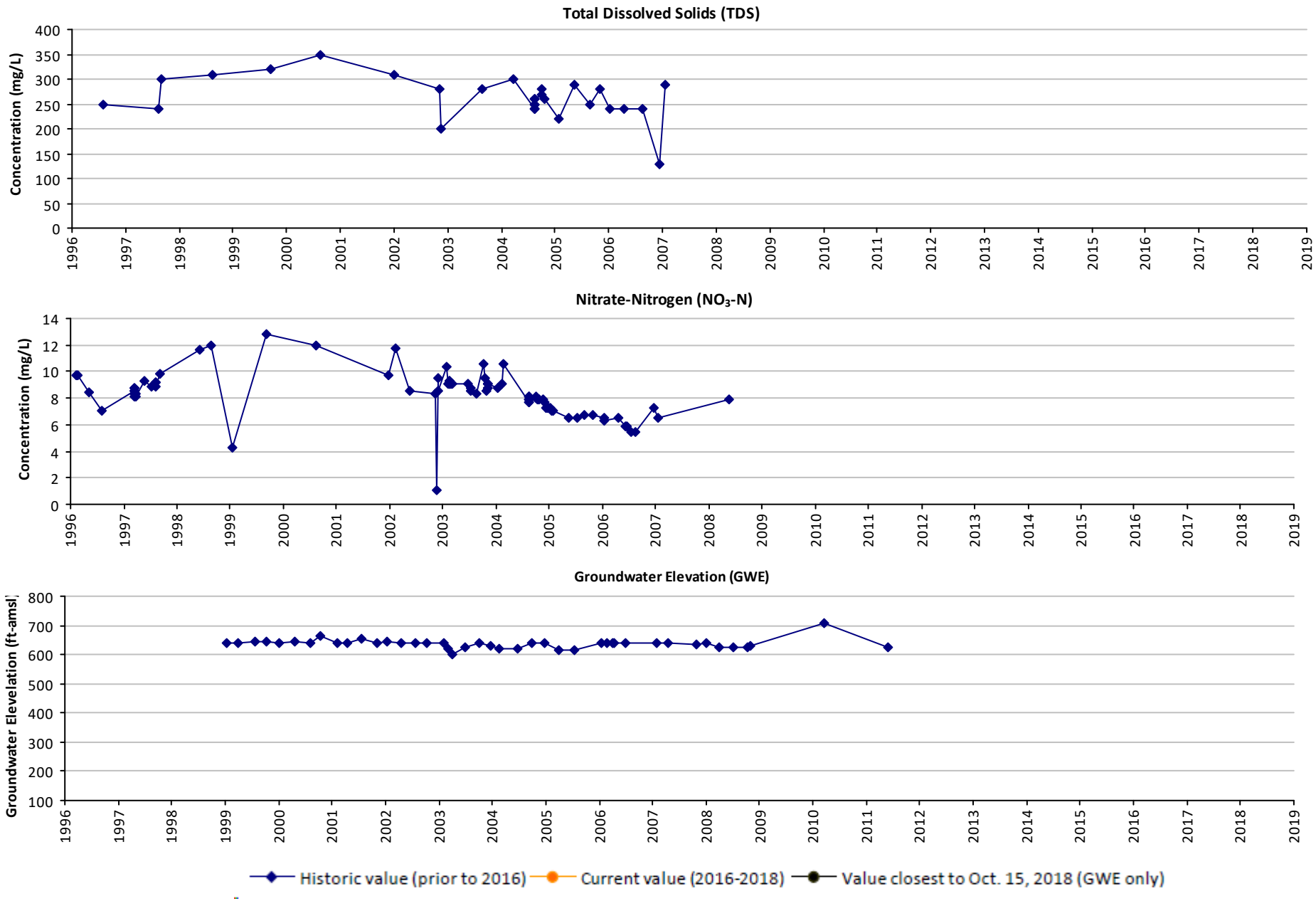

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

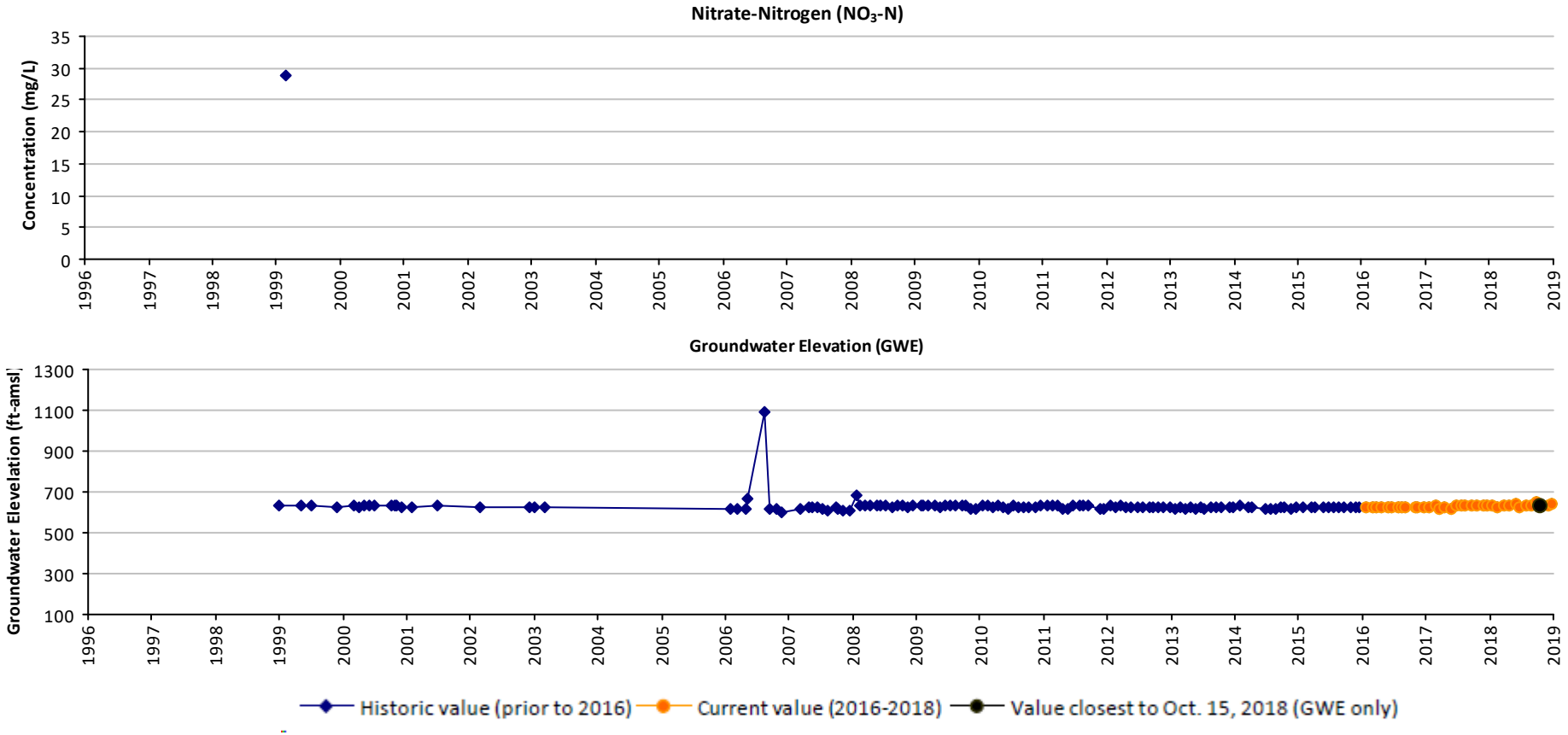

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

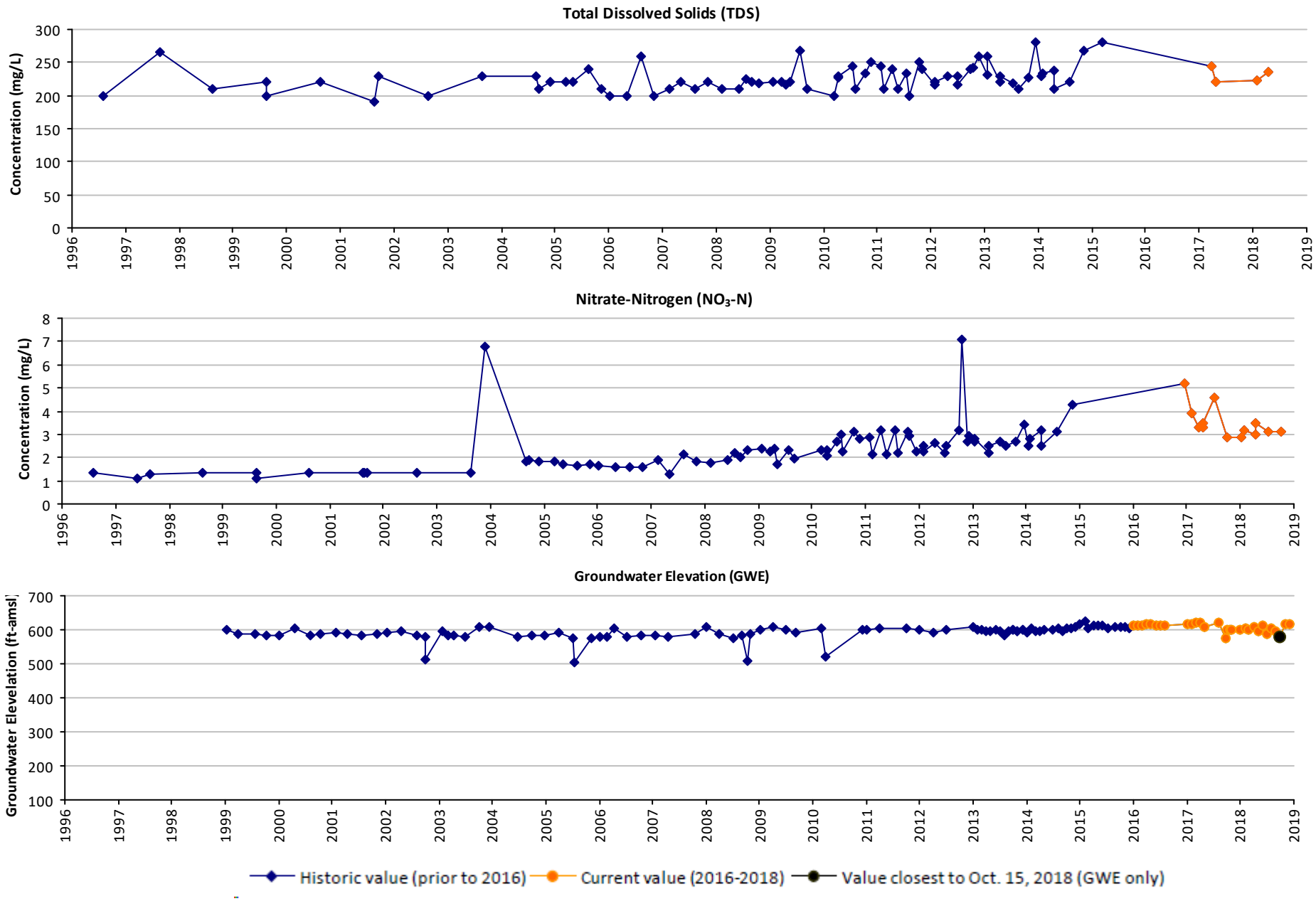

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

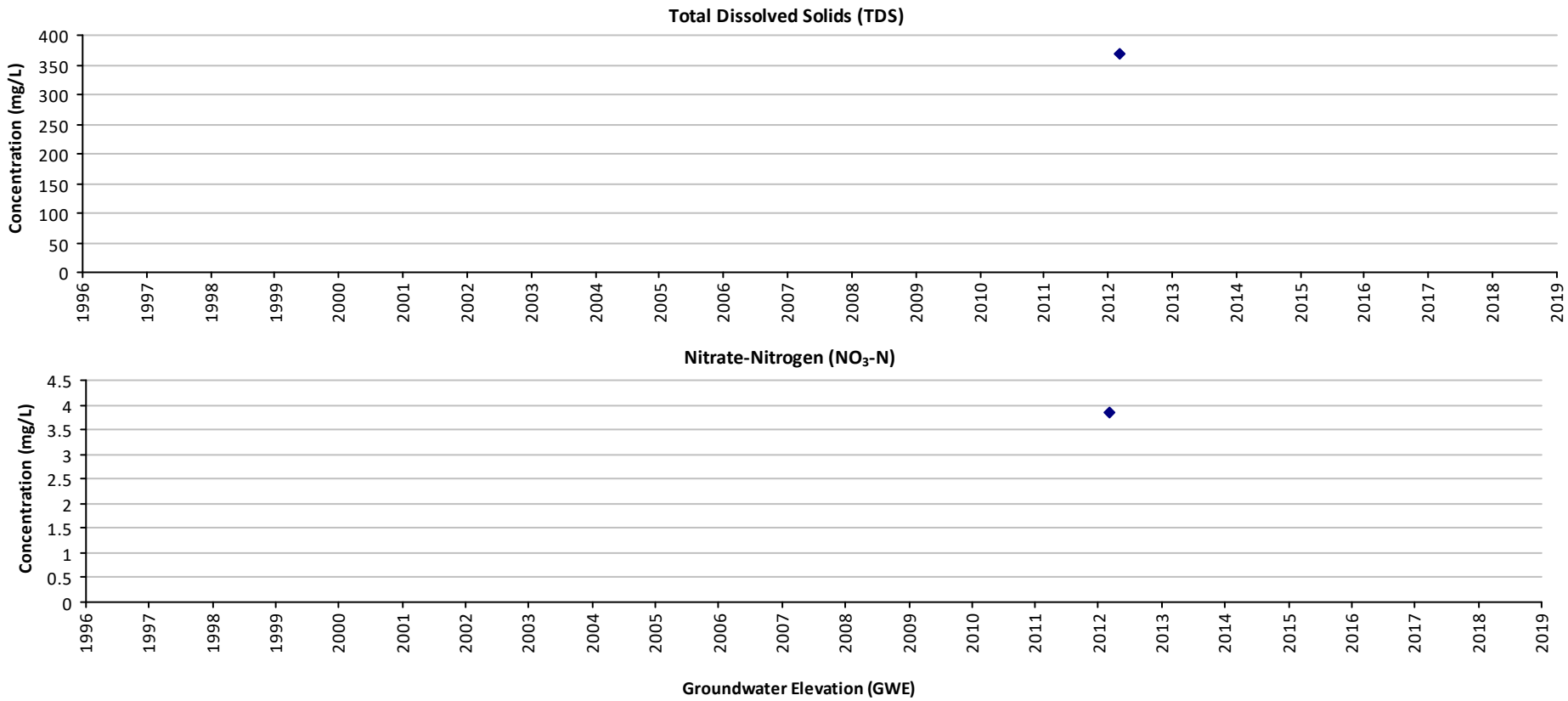

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1100
900
700
500
300
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

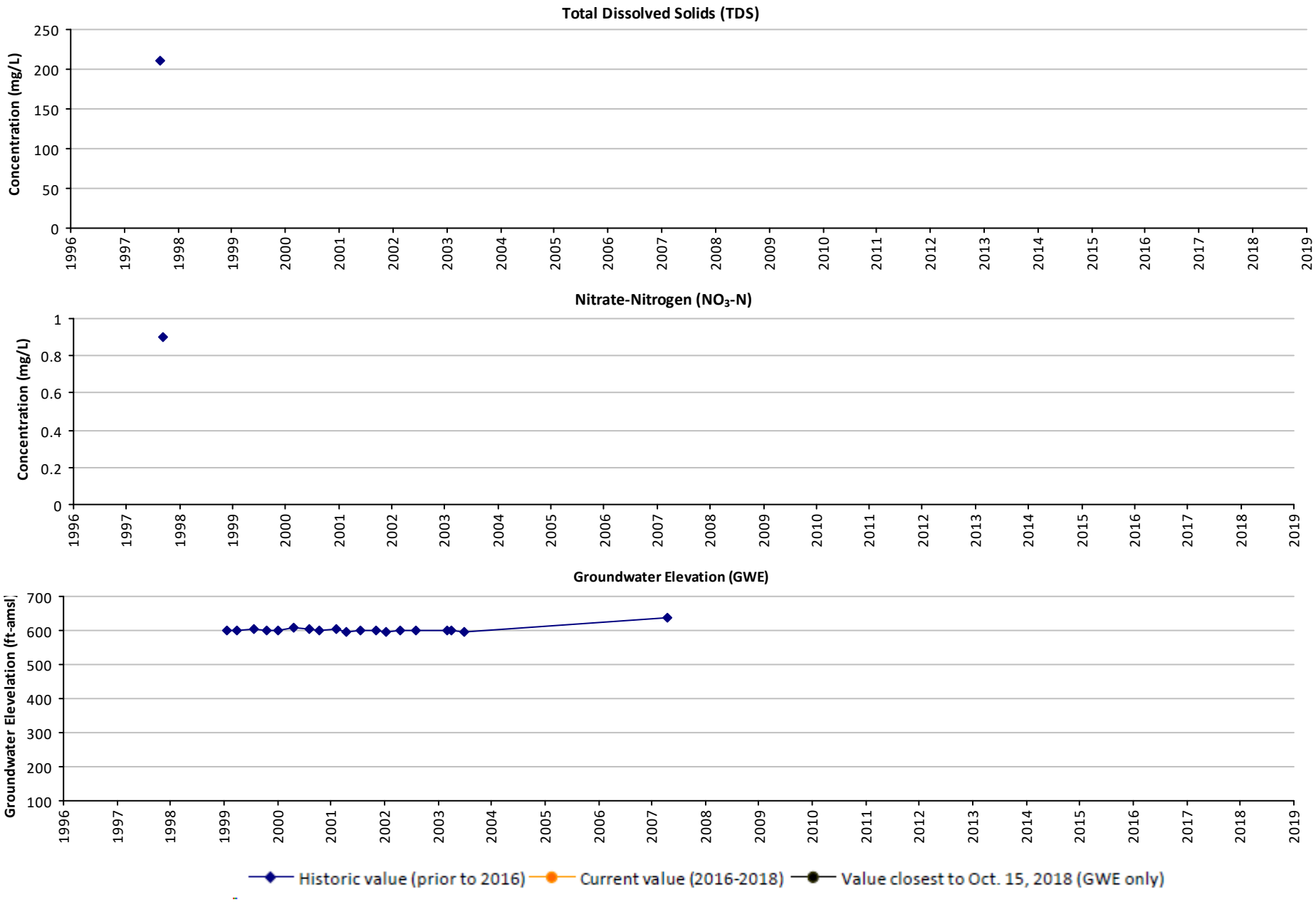

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

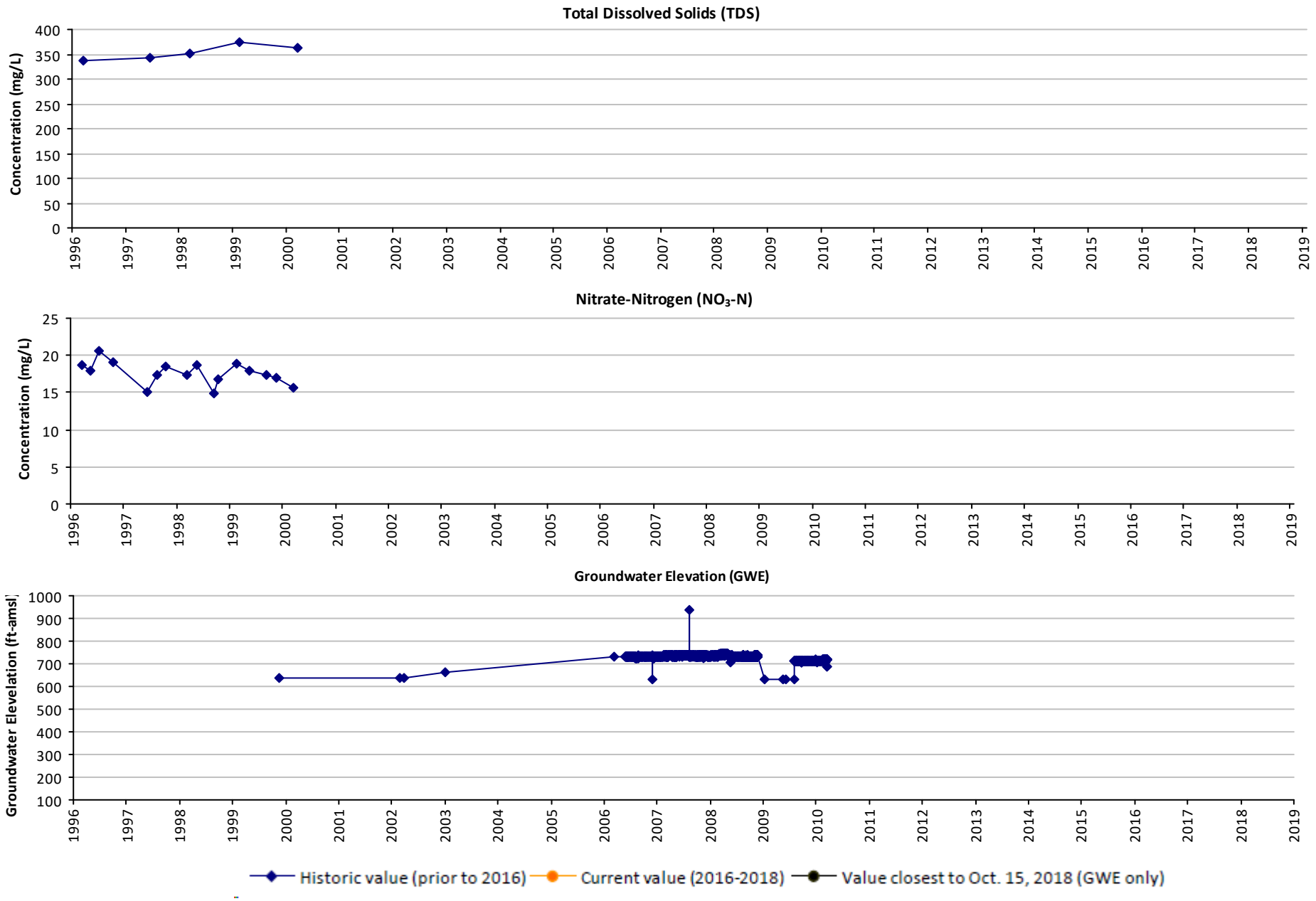
Total Dissolved Solids (TDS)

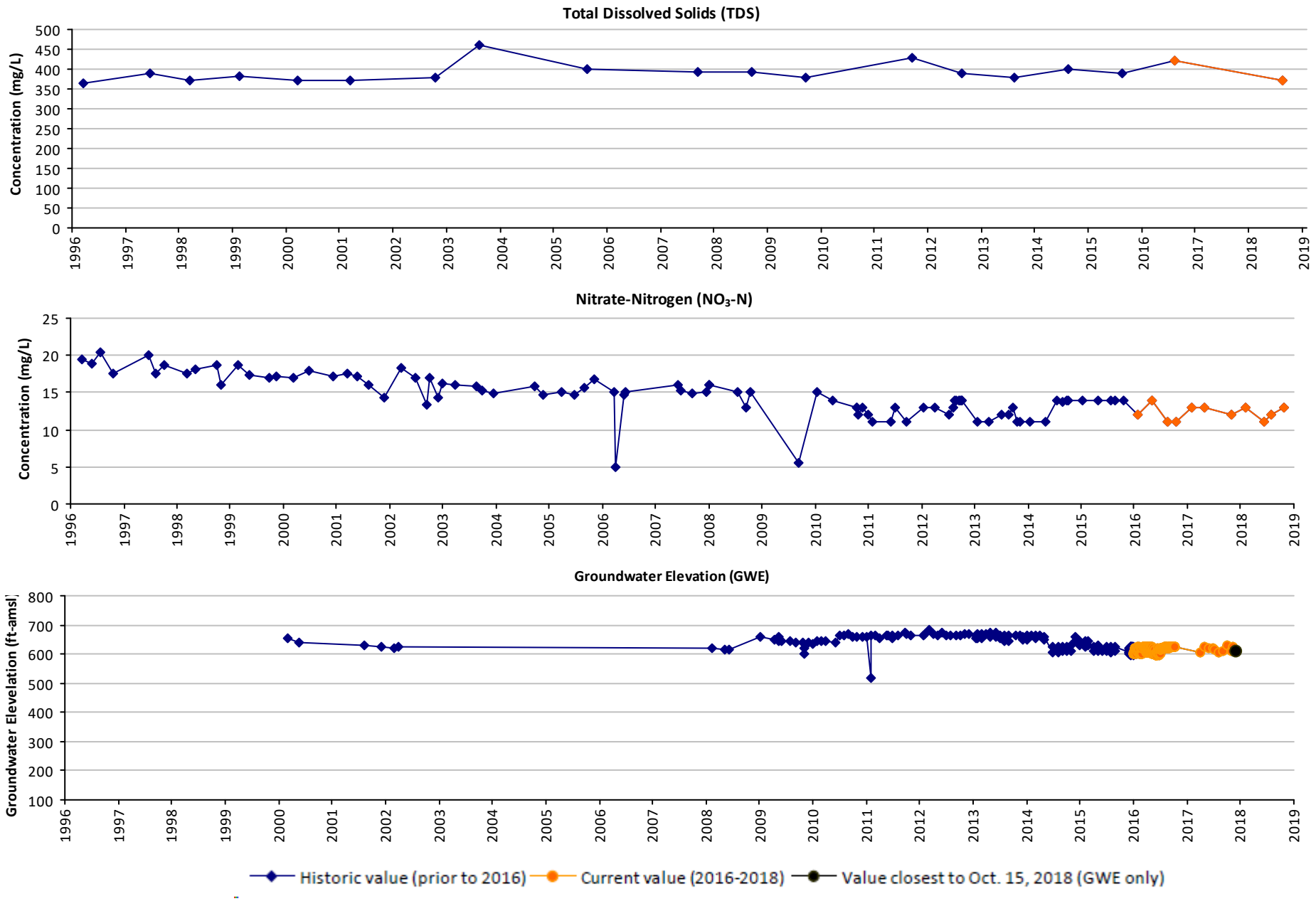


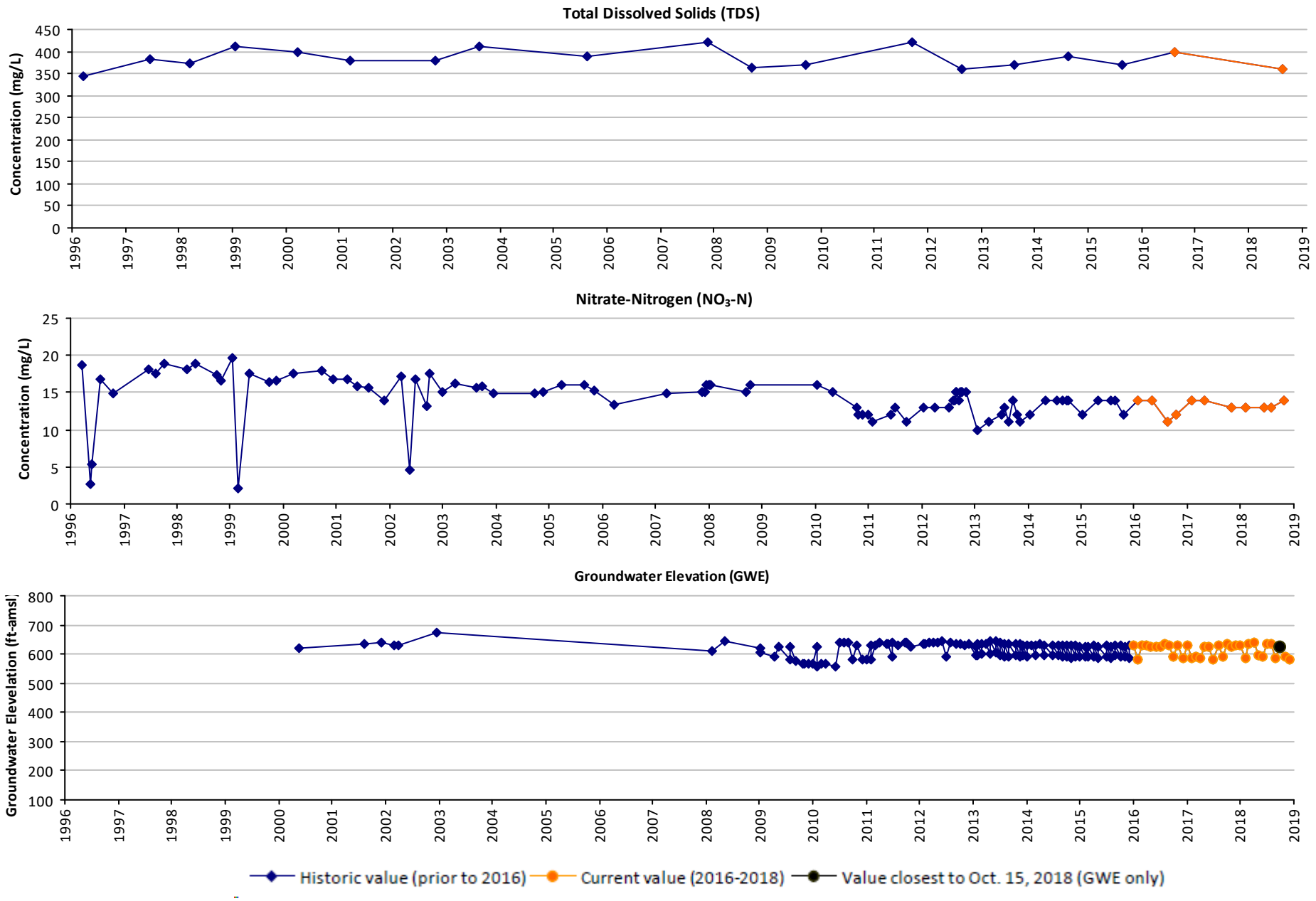

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

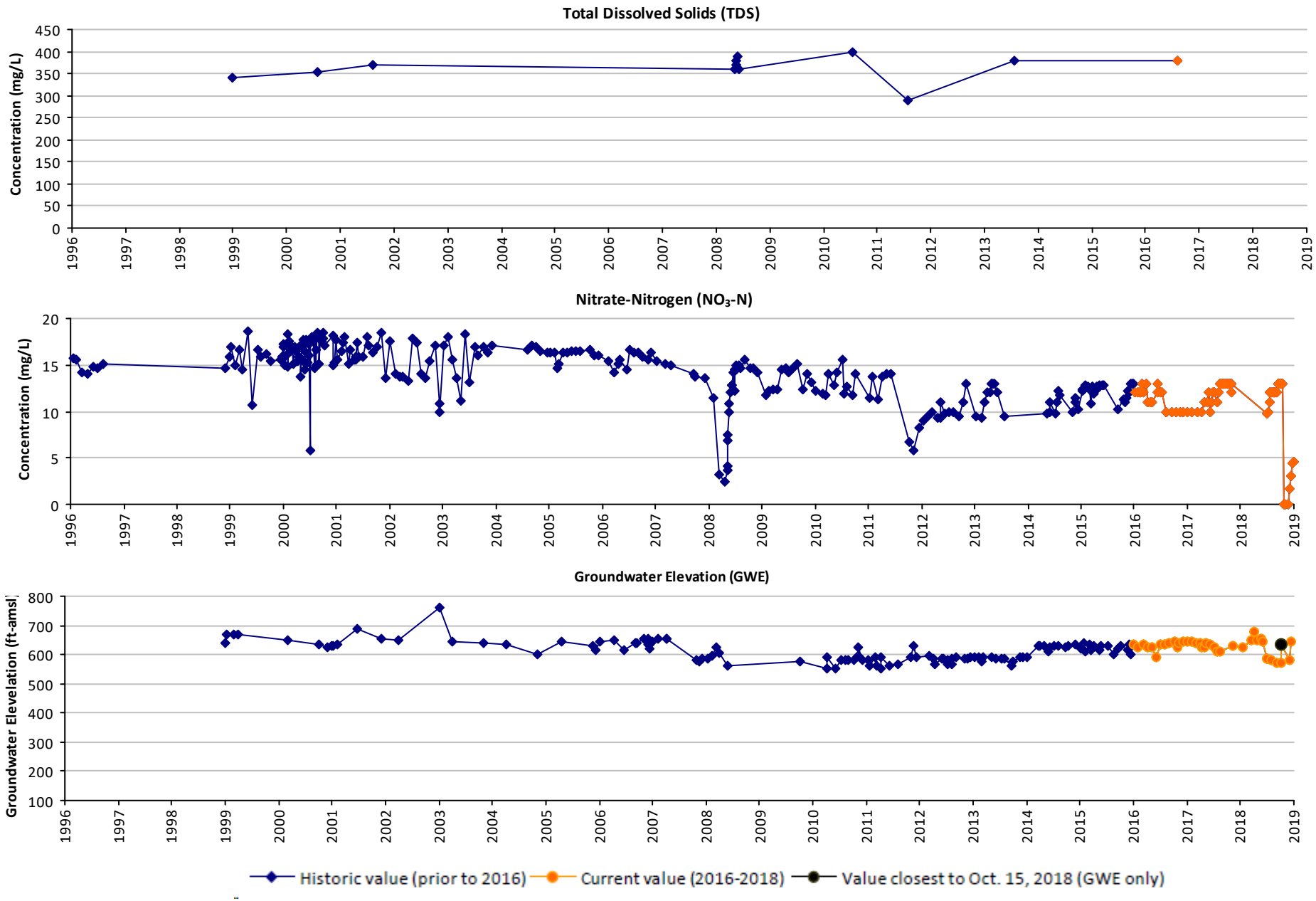

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

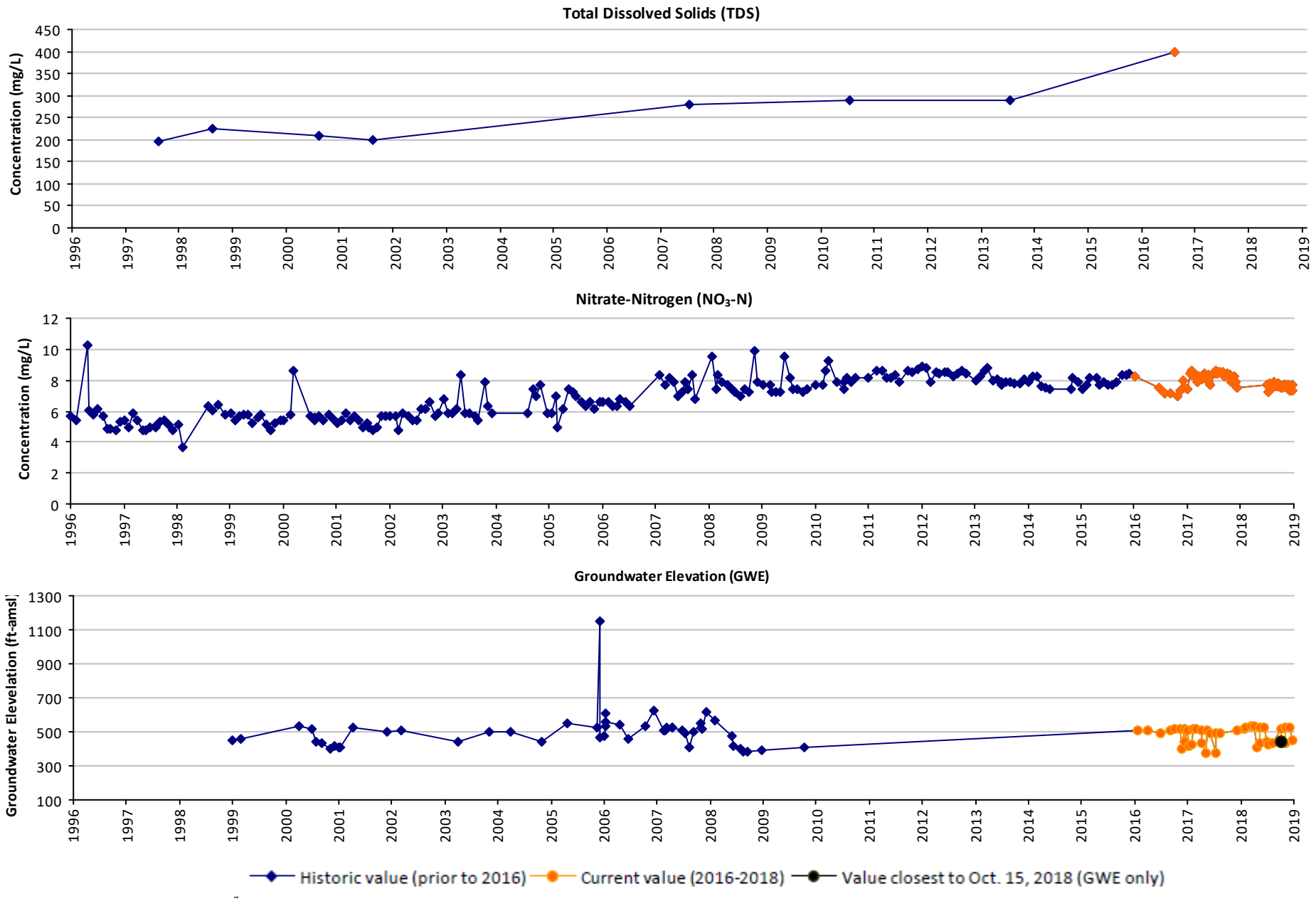

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

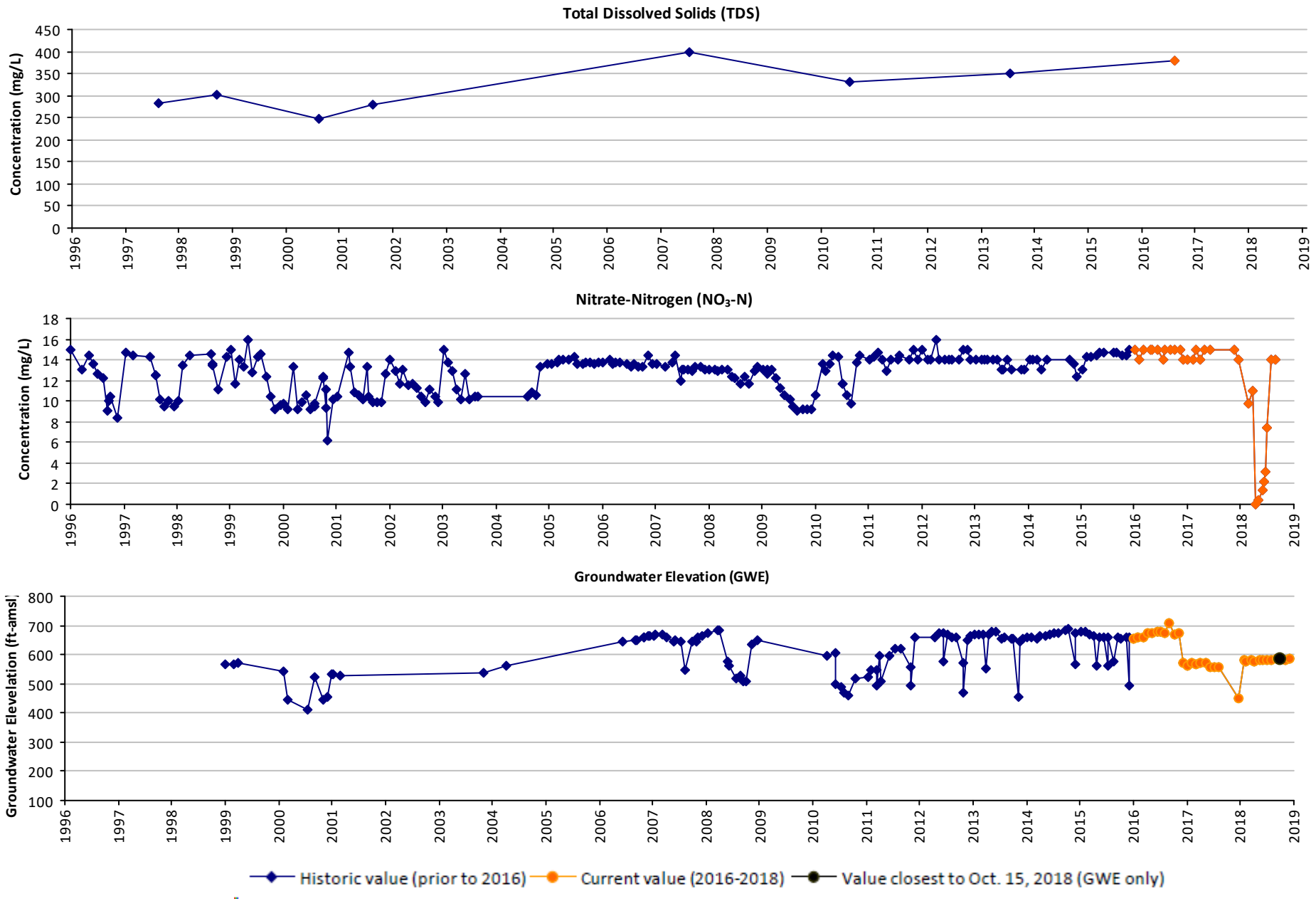

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

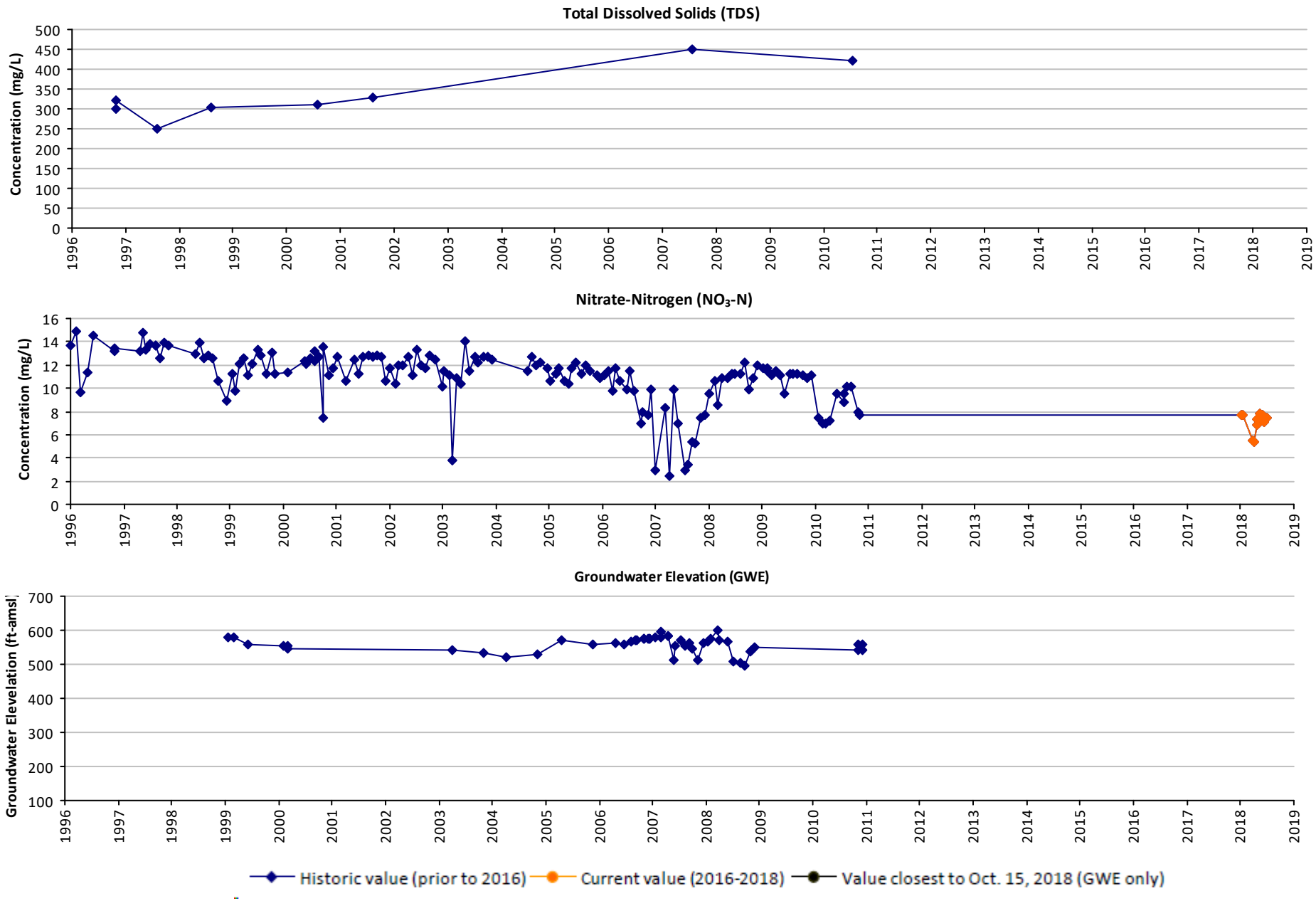

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

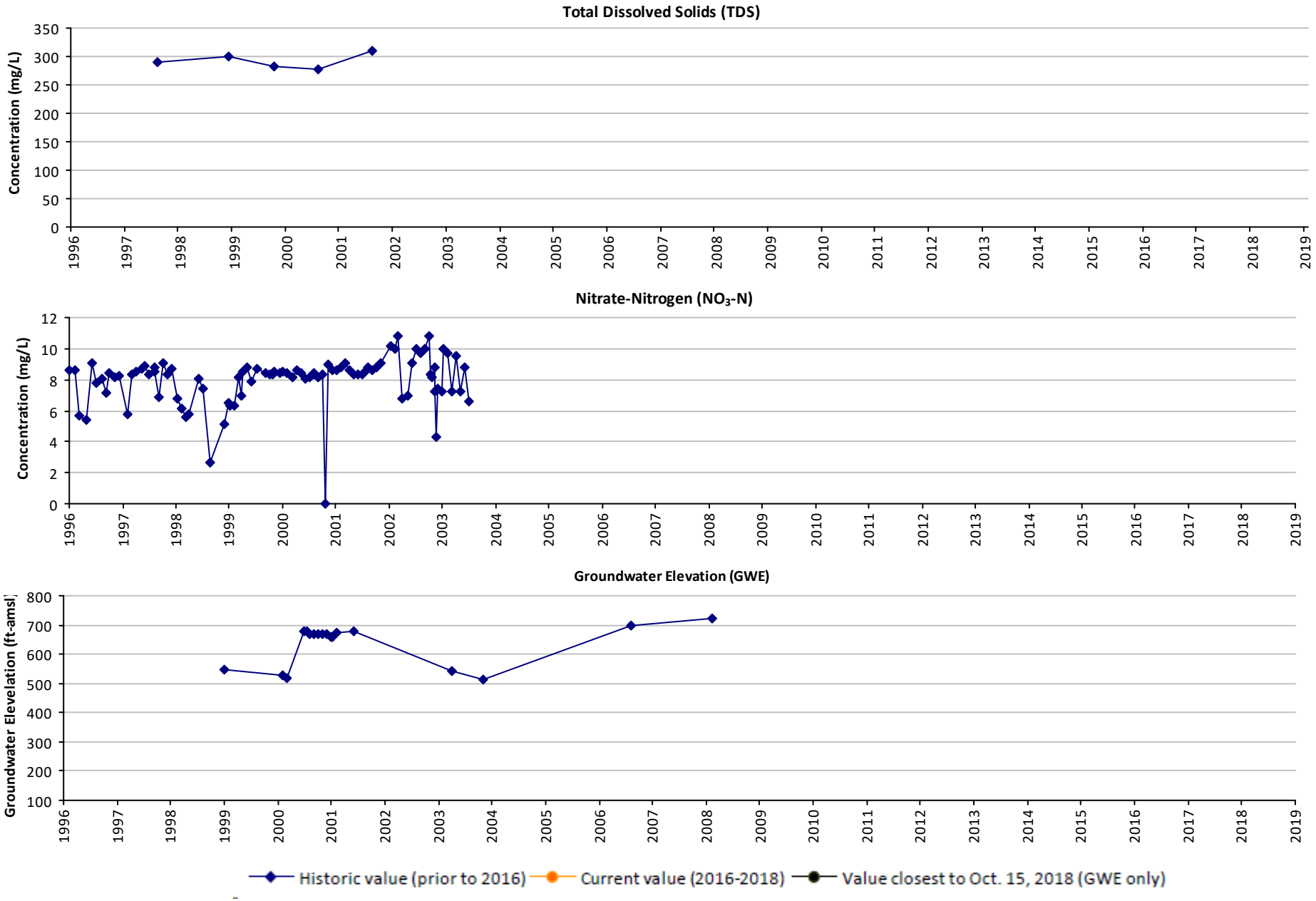

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

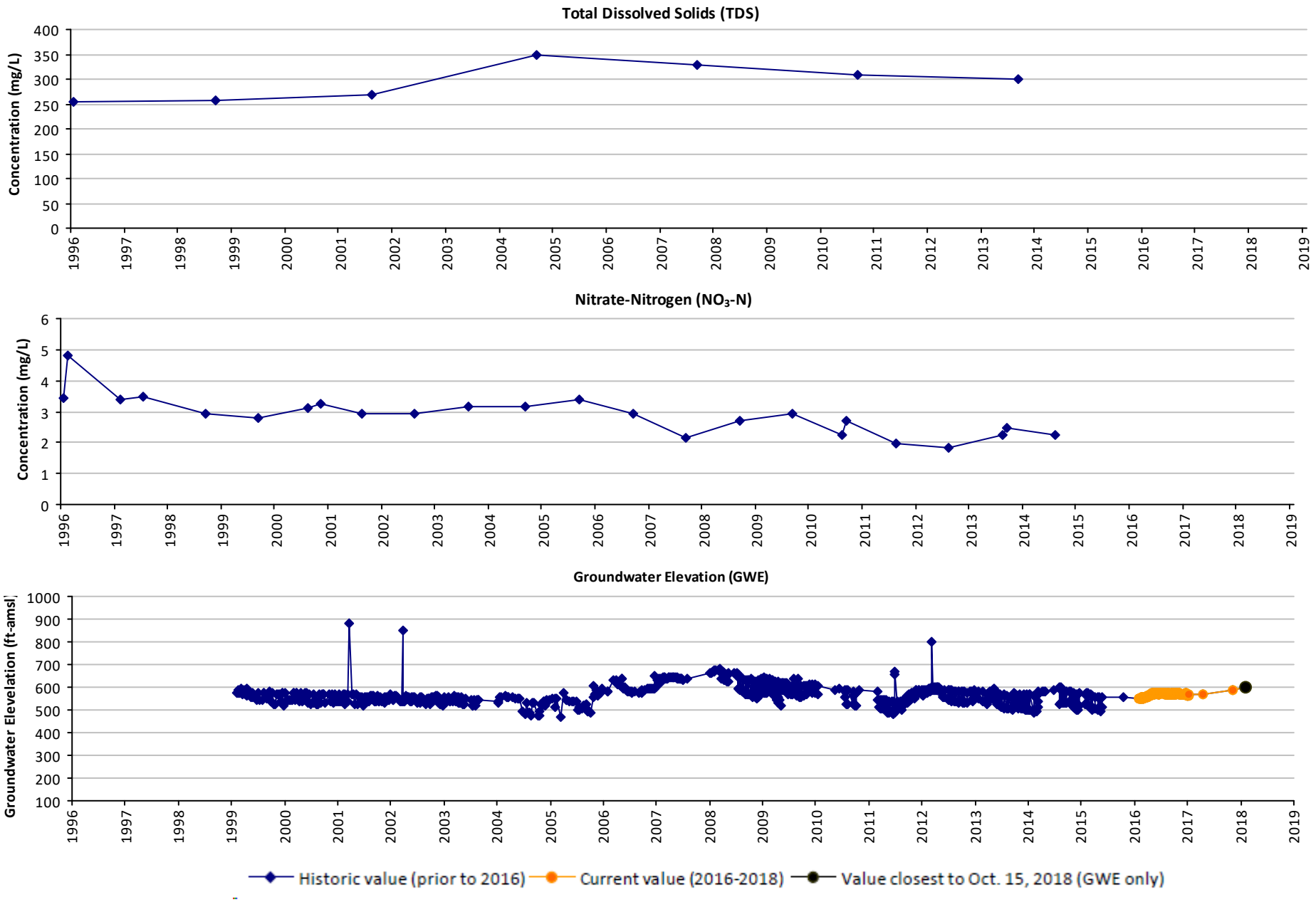

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

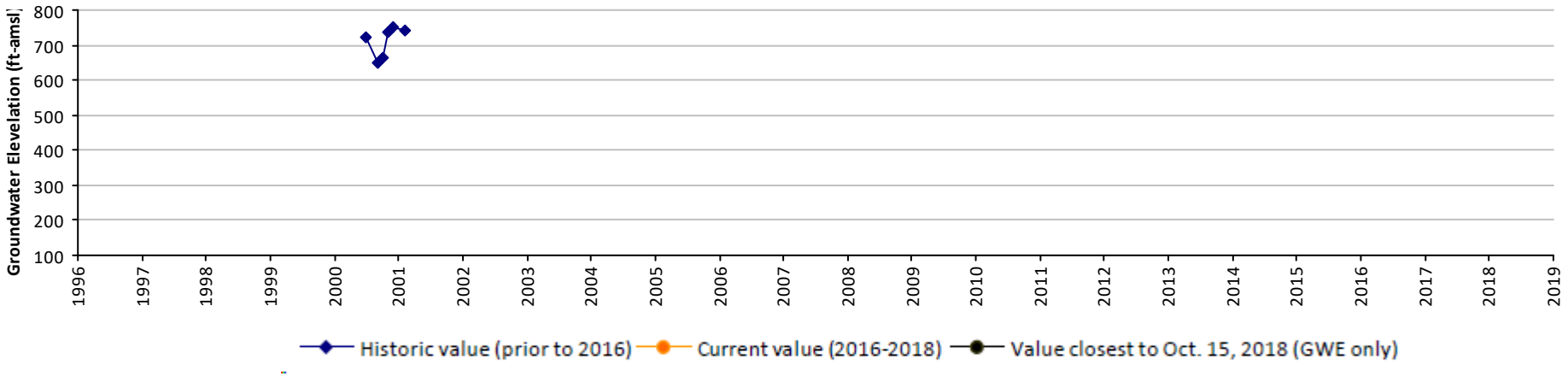

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

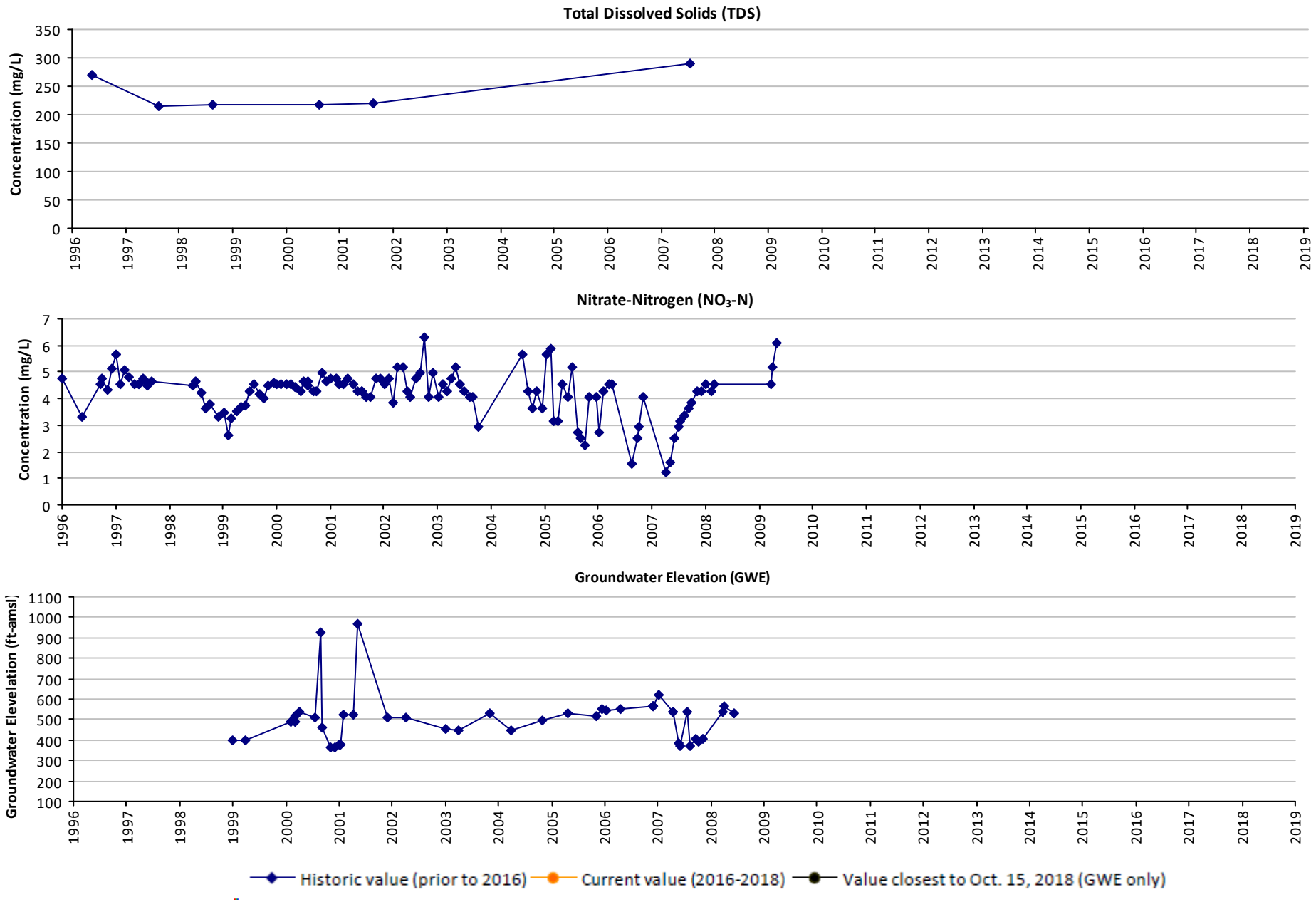

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

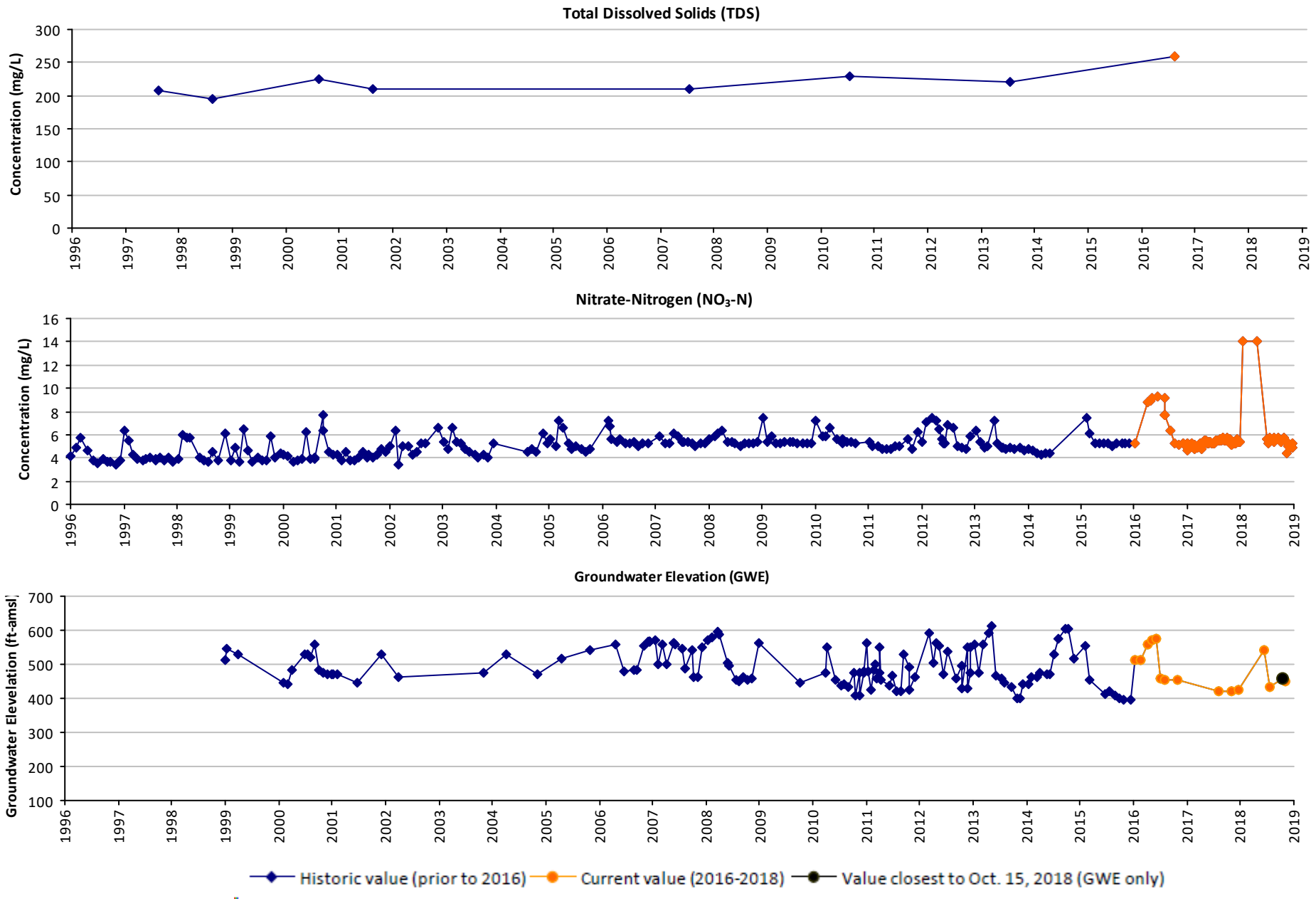
Total Dissolved Solids (TDS)

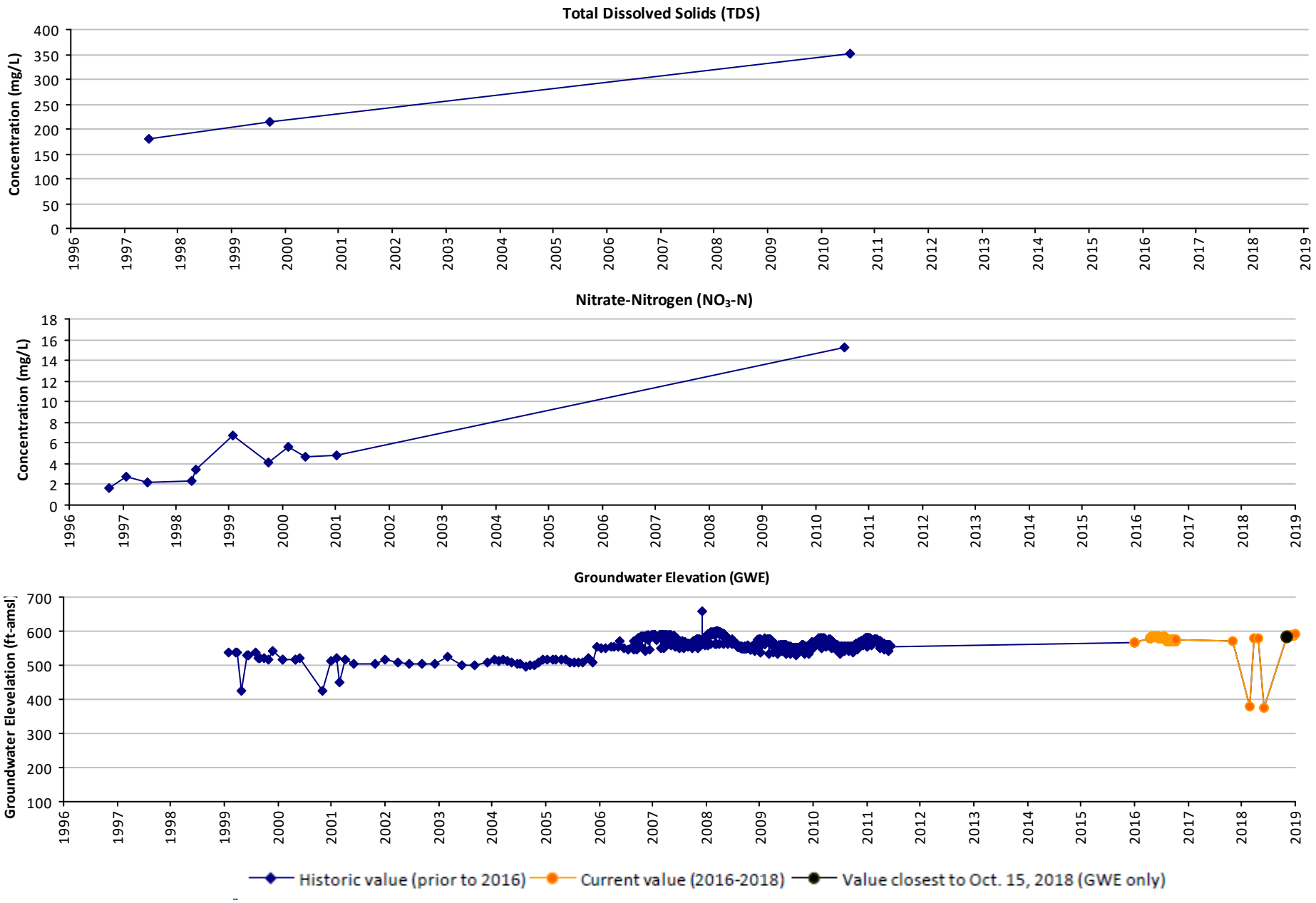
Nitrate-Nitrogen (NO_3-N)

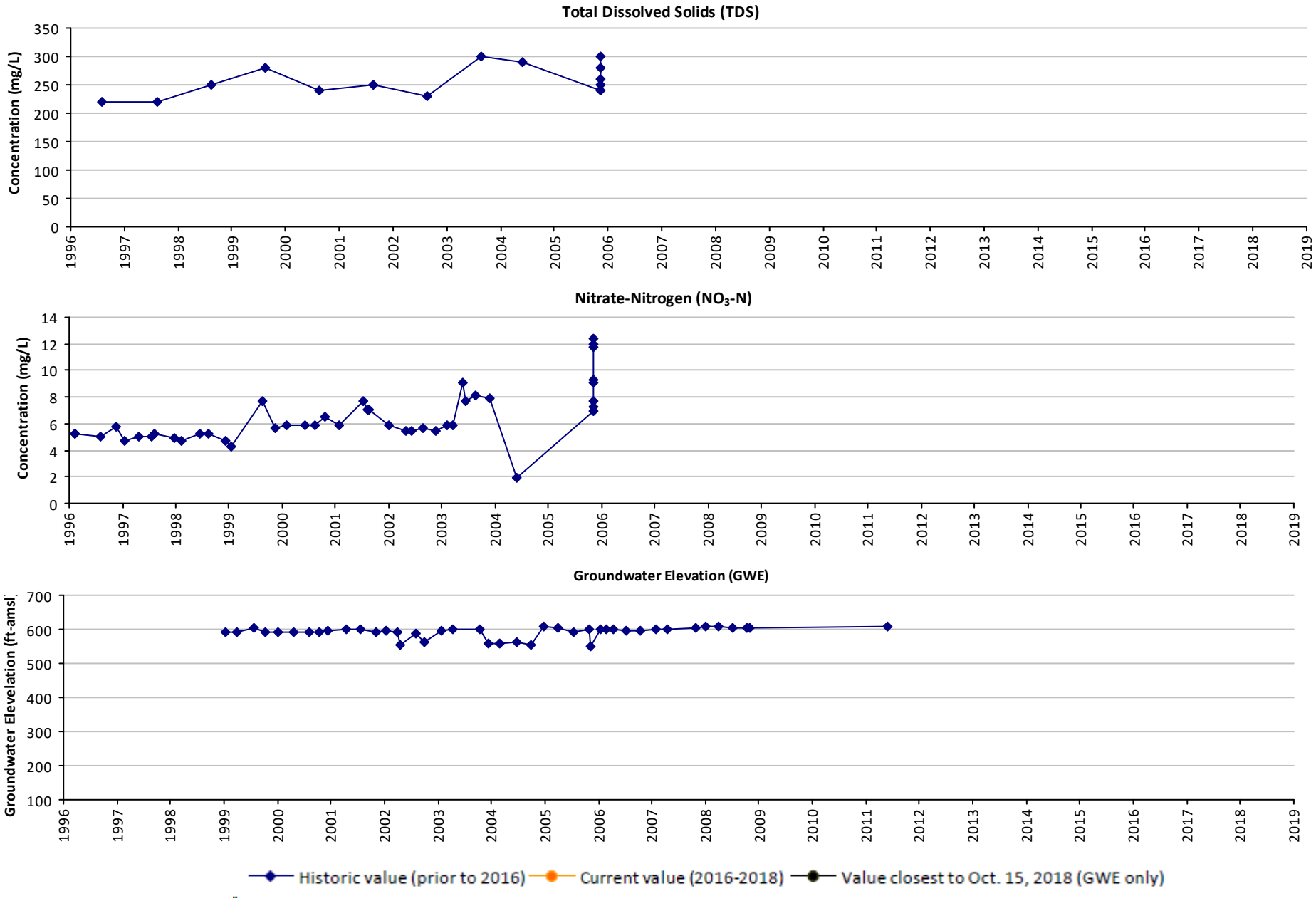
Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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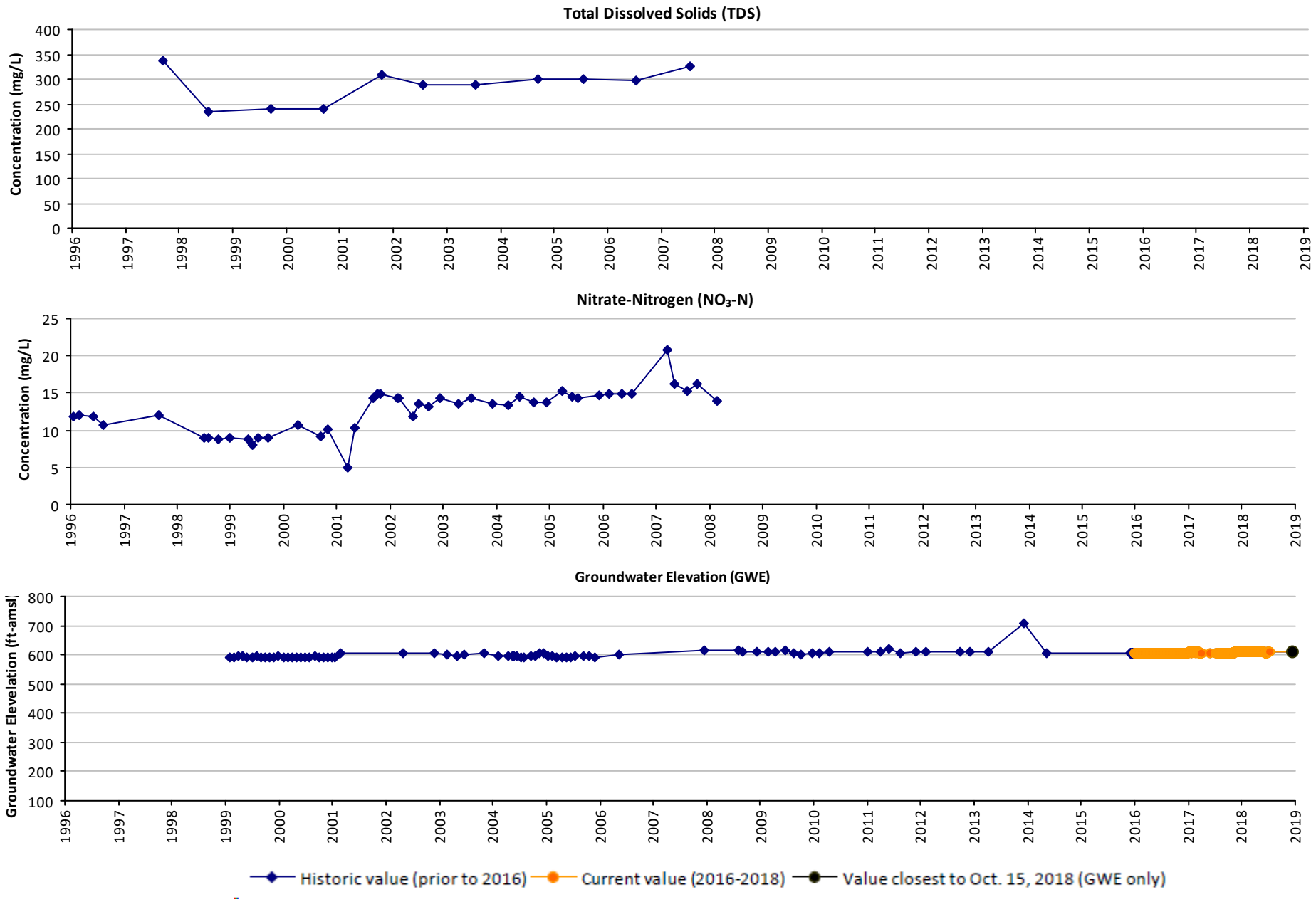
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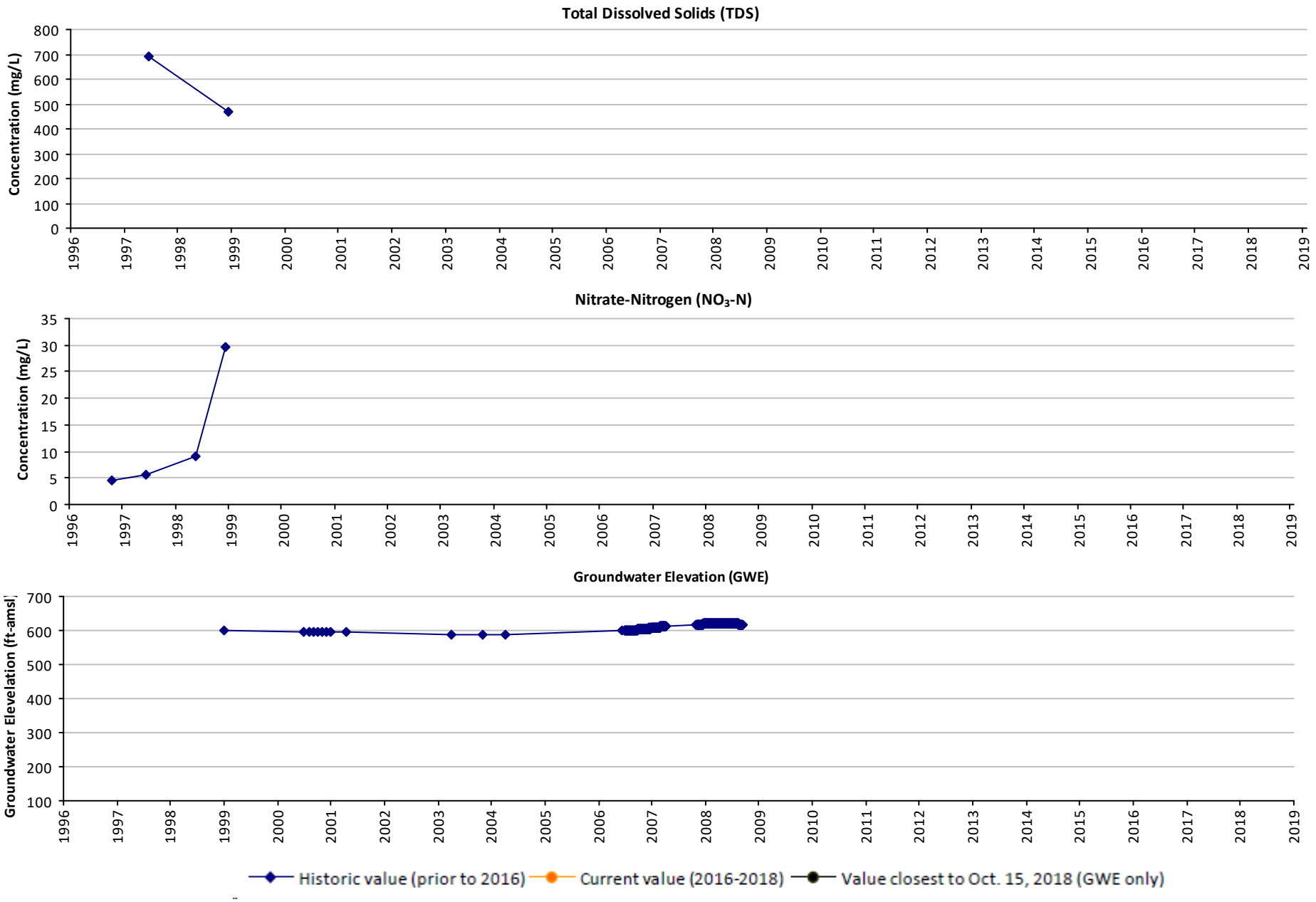
Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
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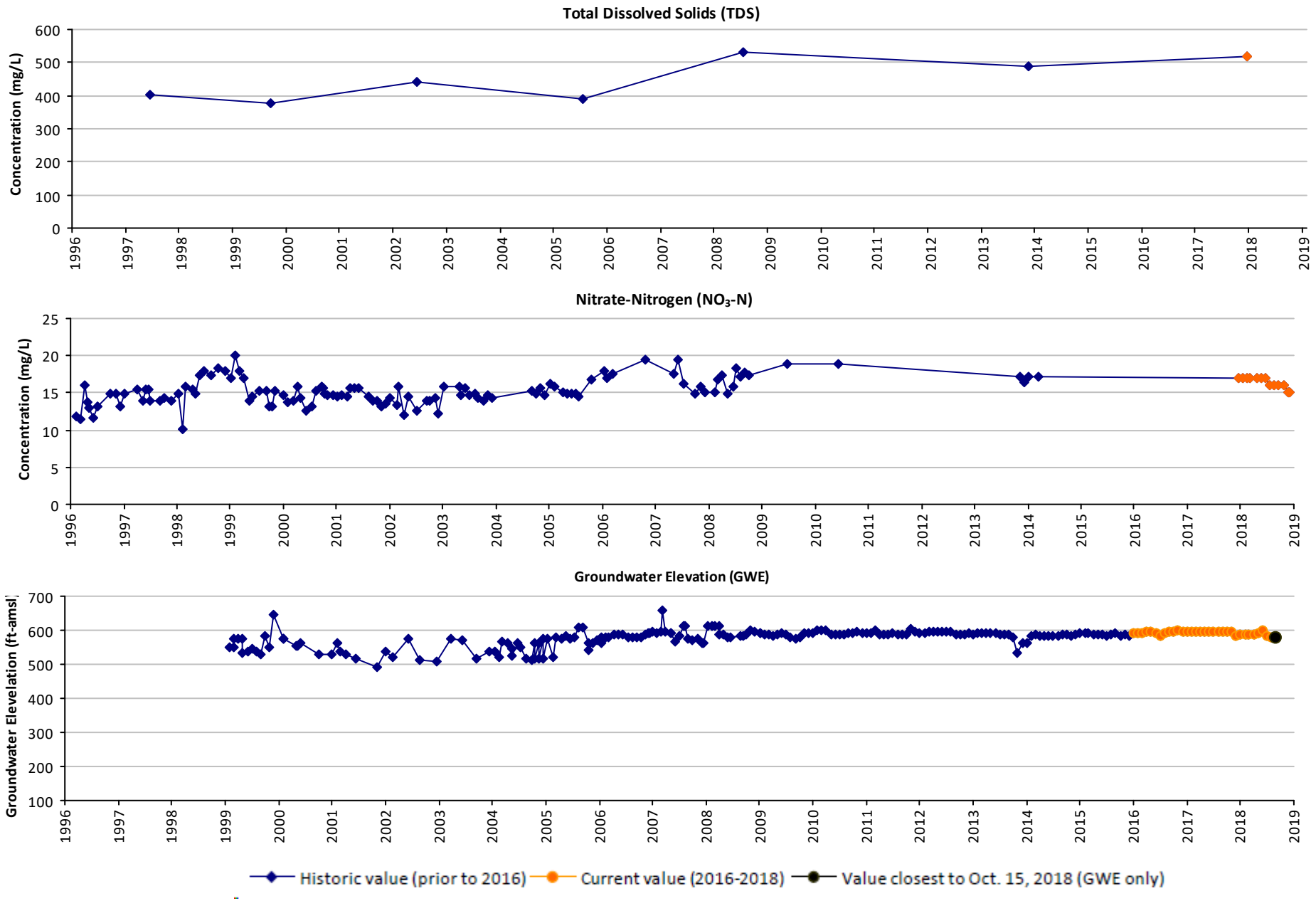
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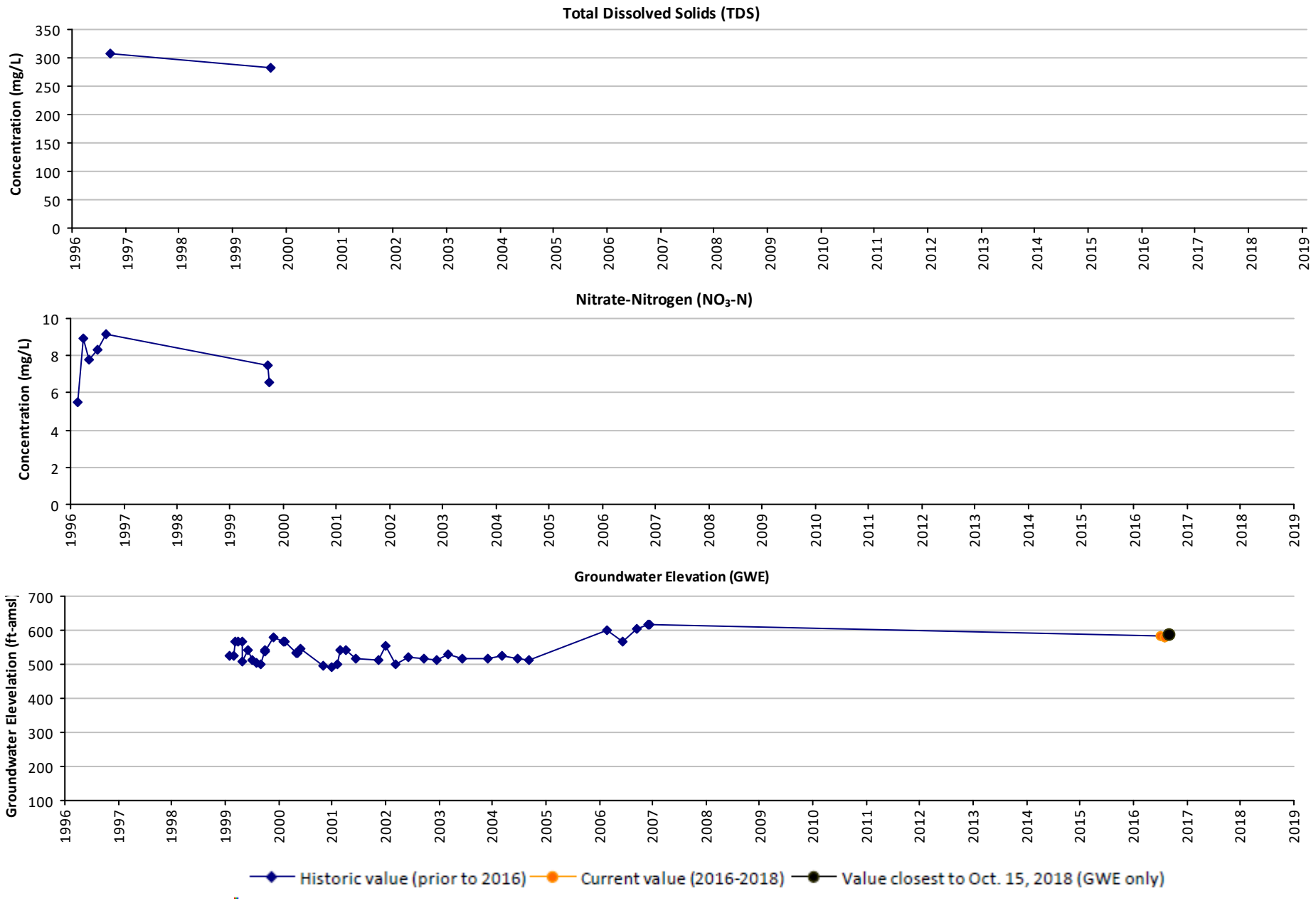
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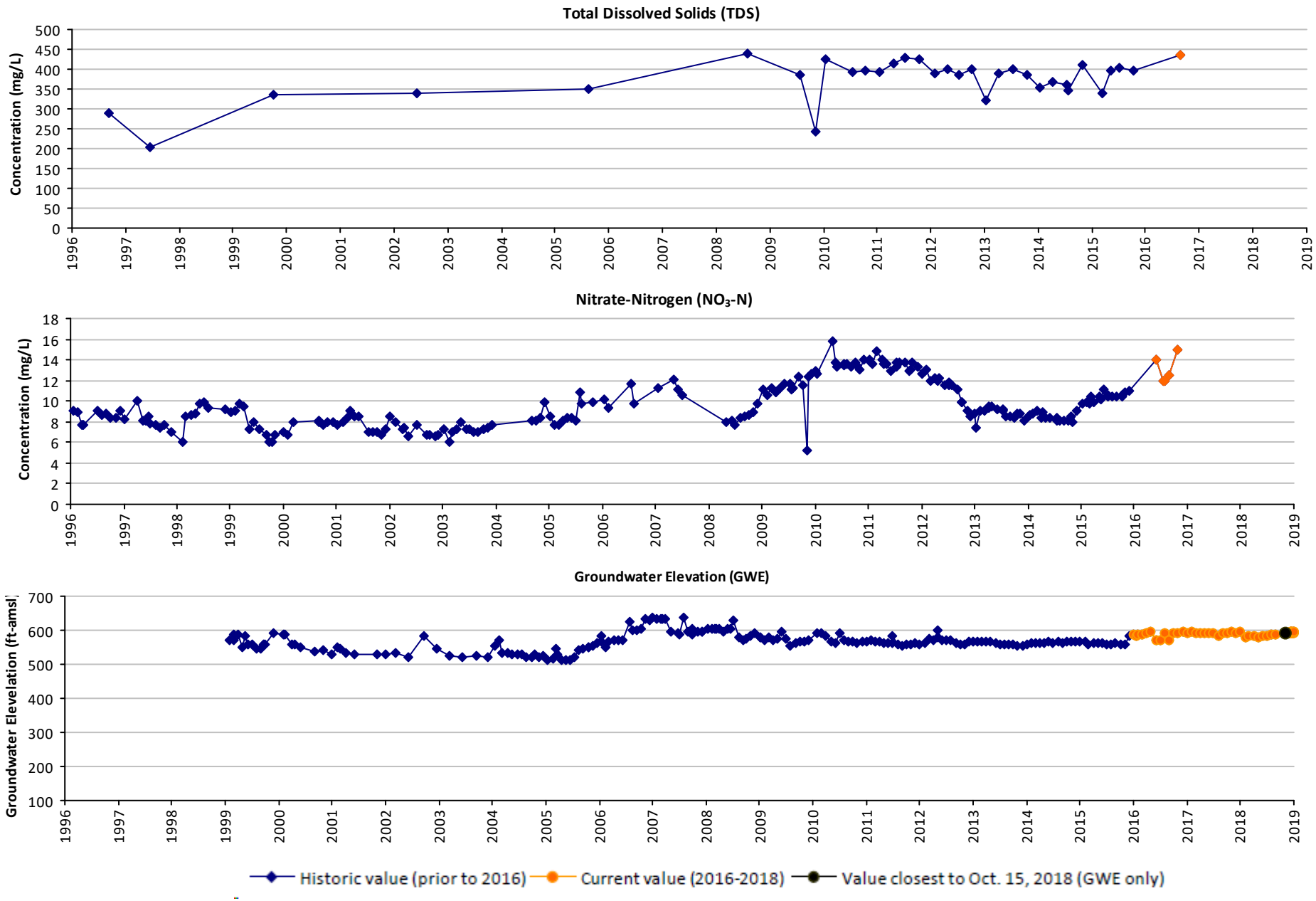
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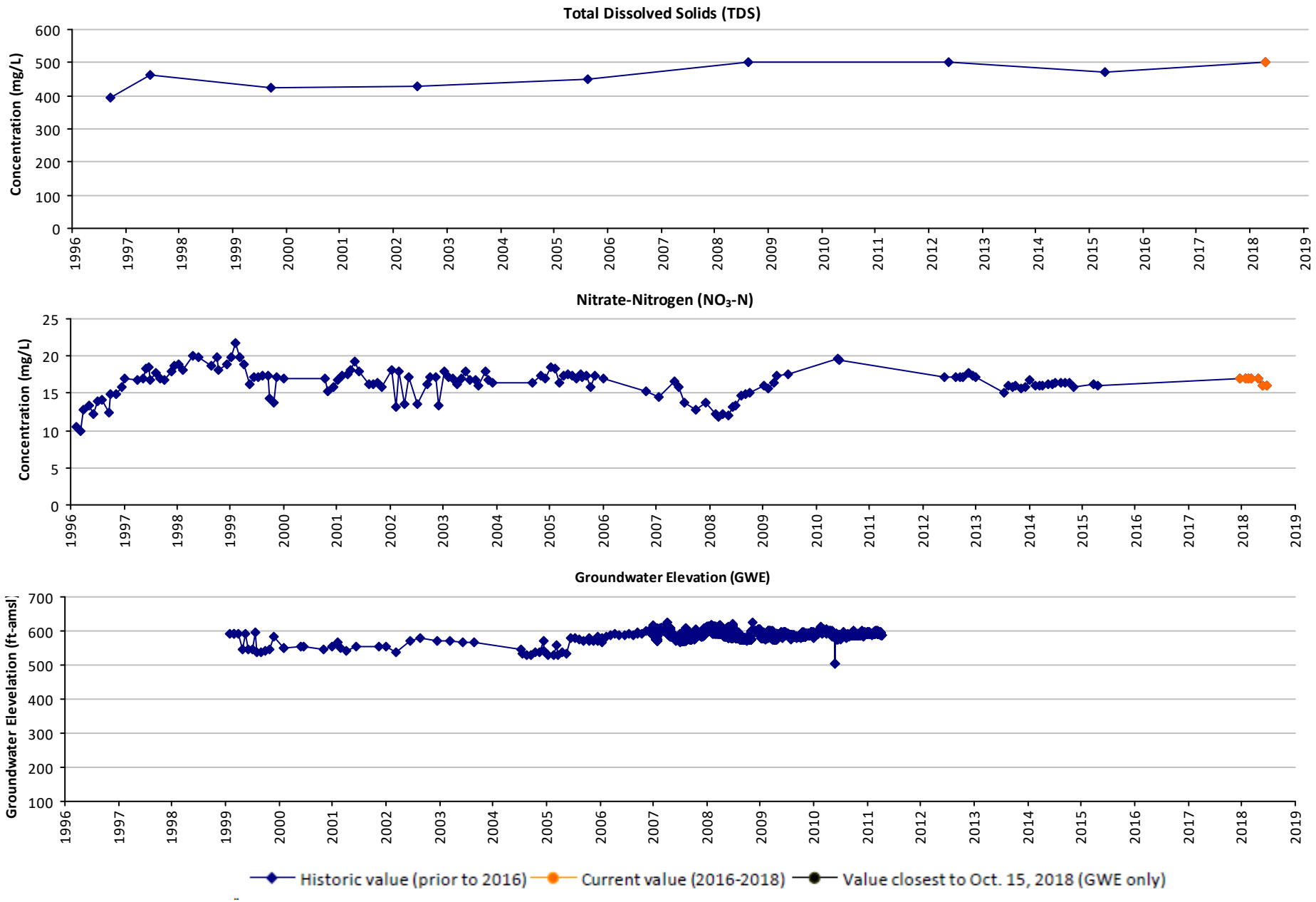
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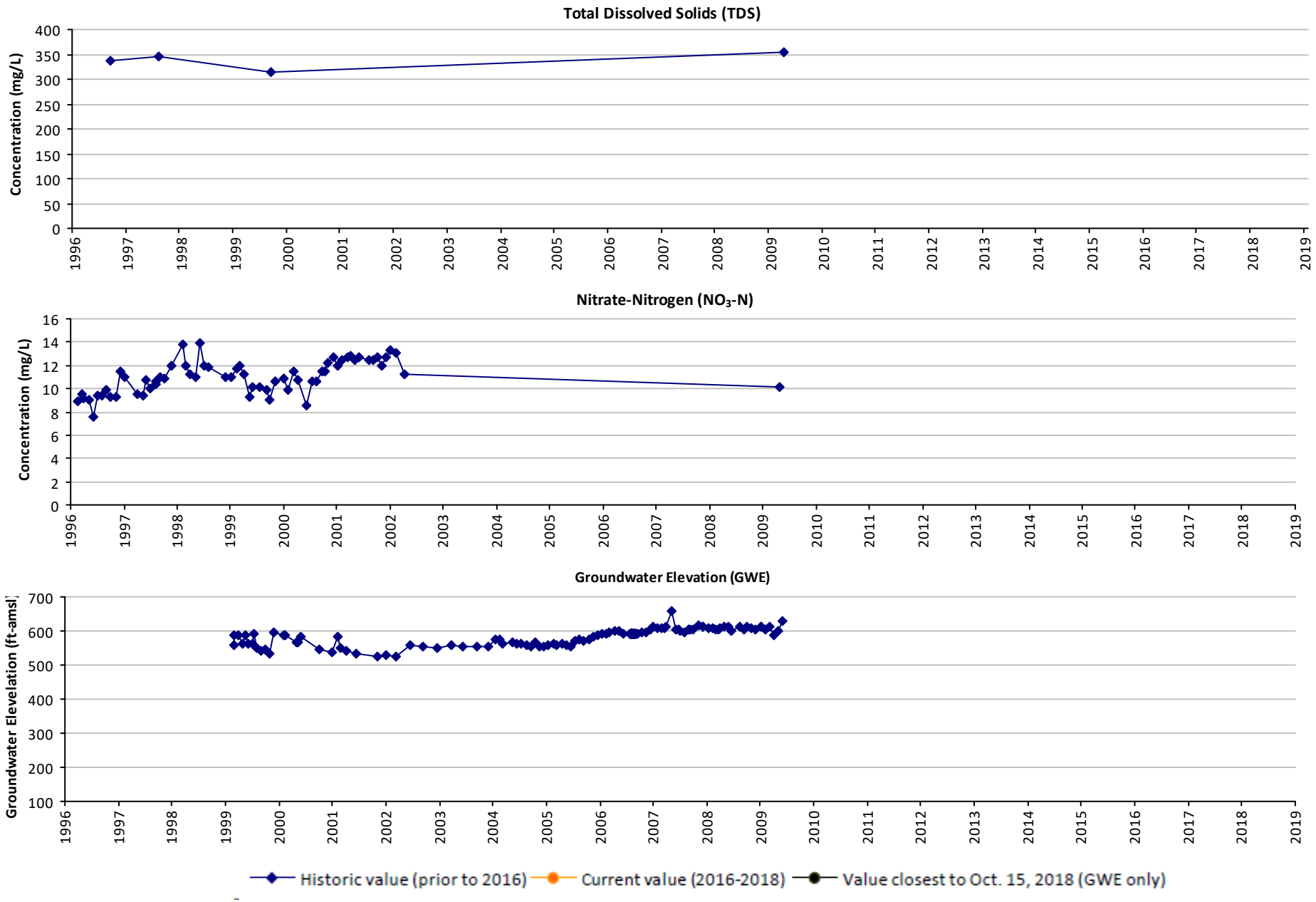
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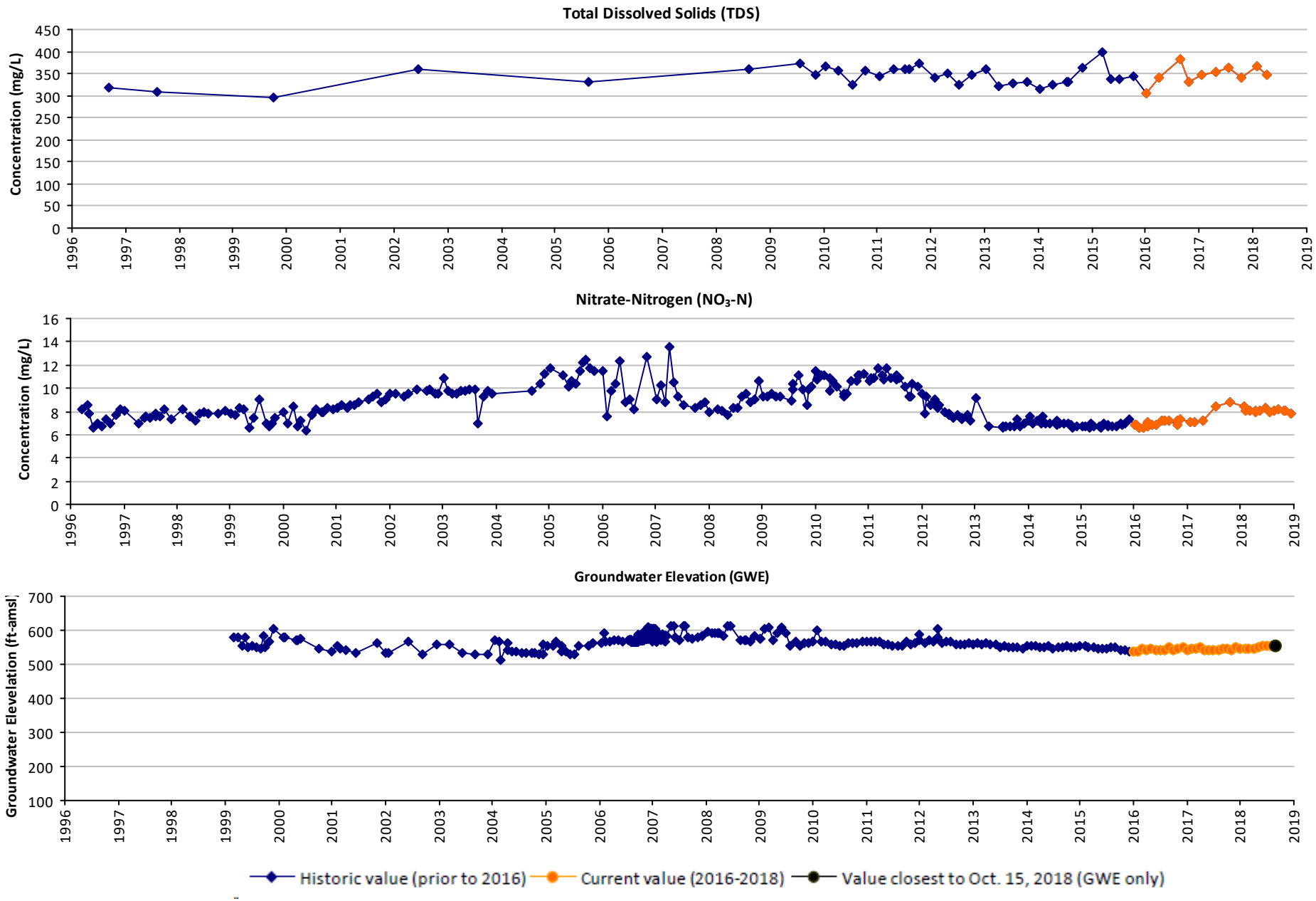
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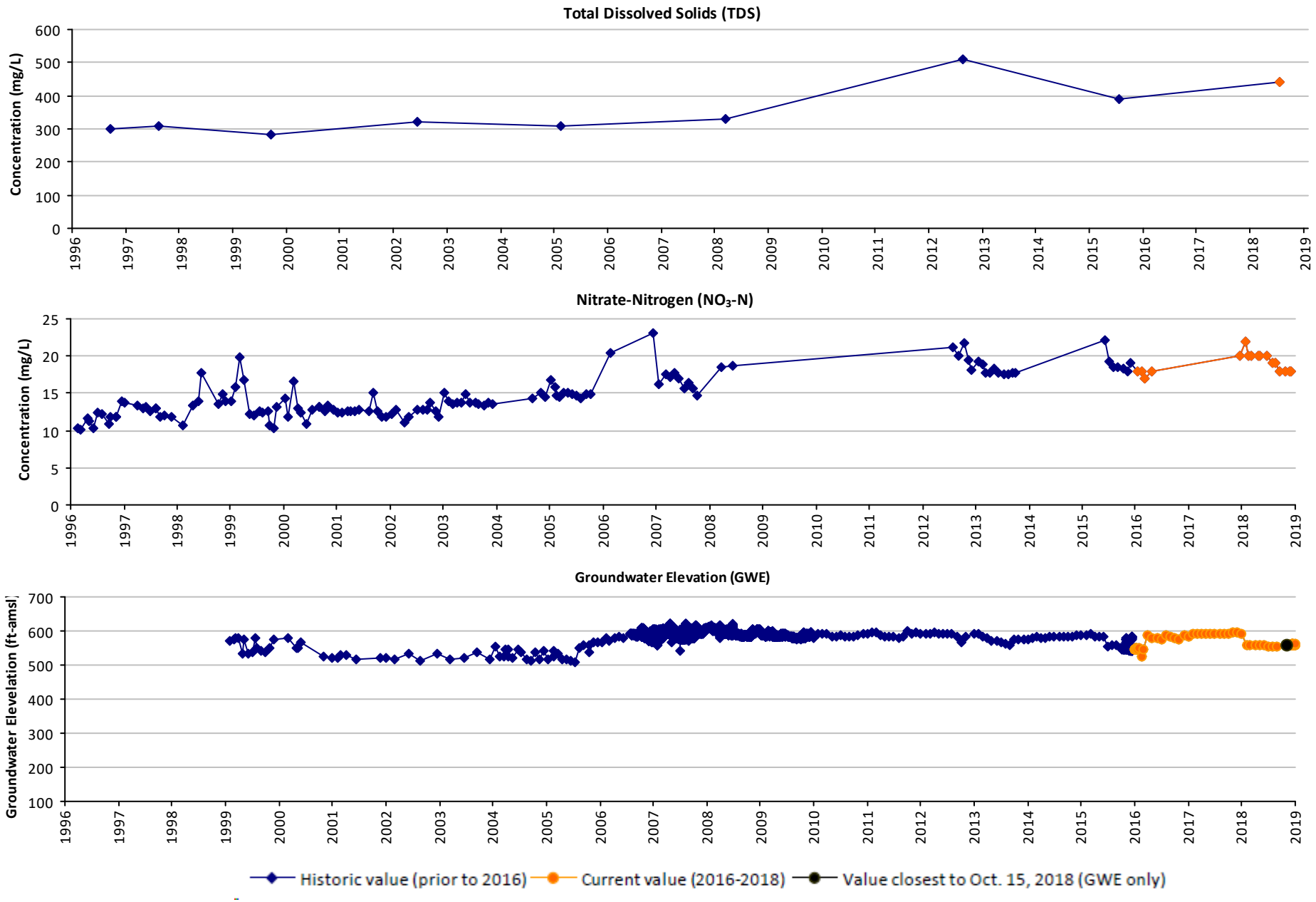
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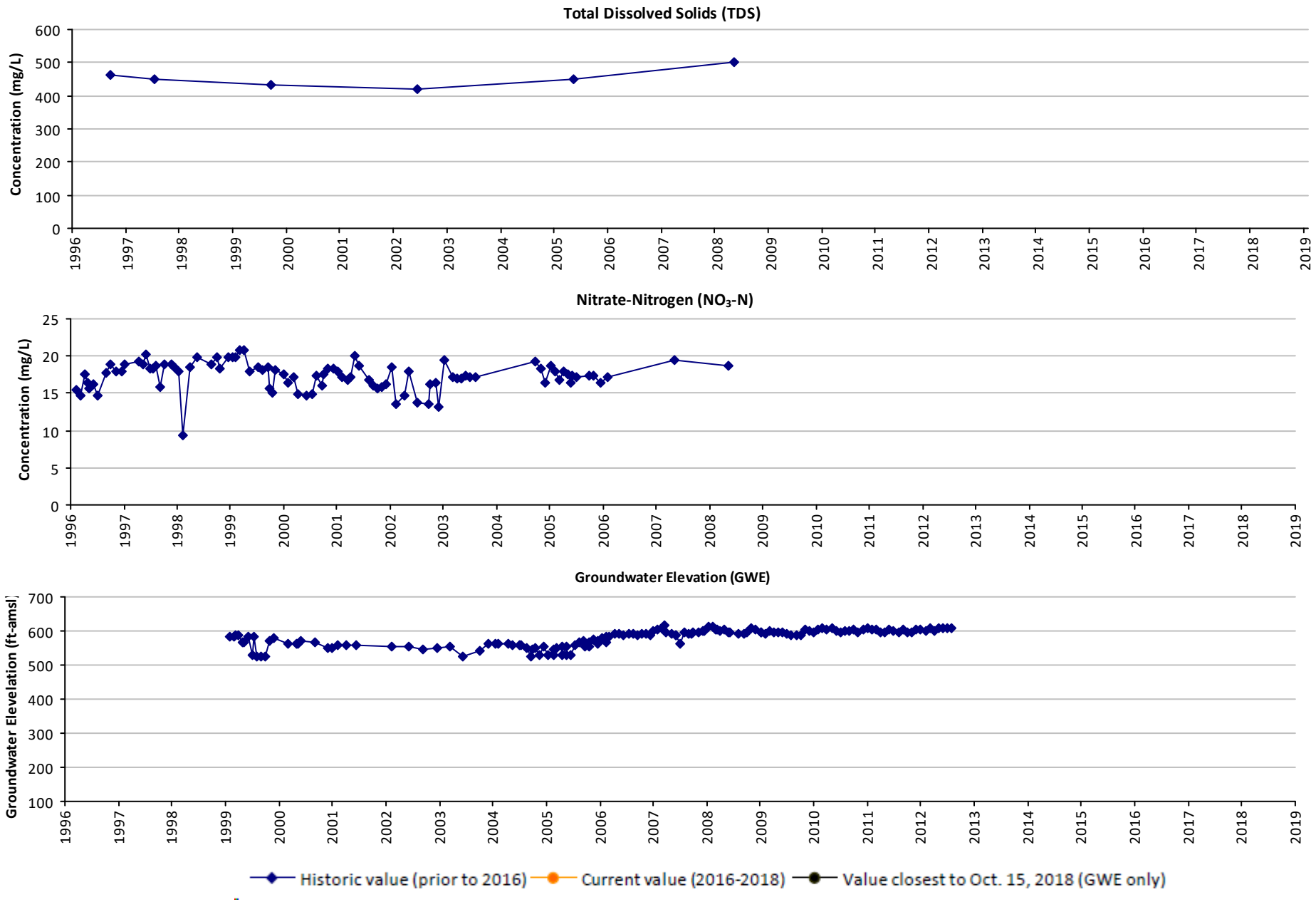
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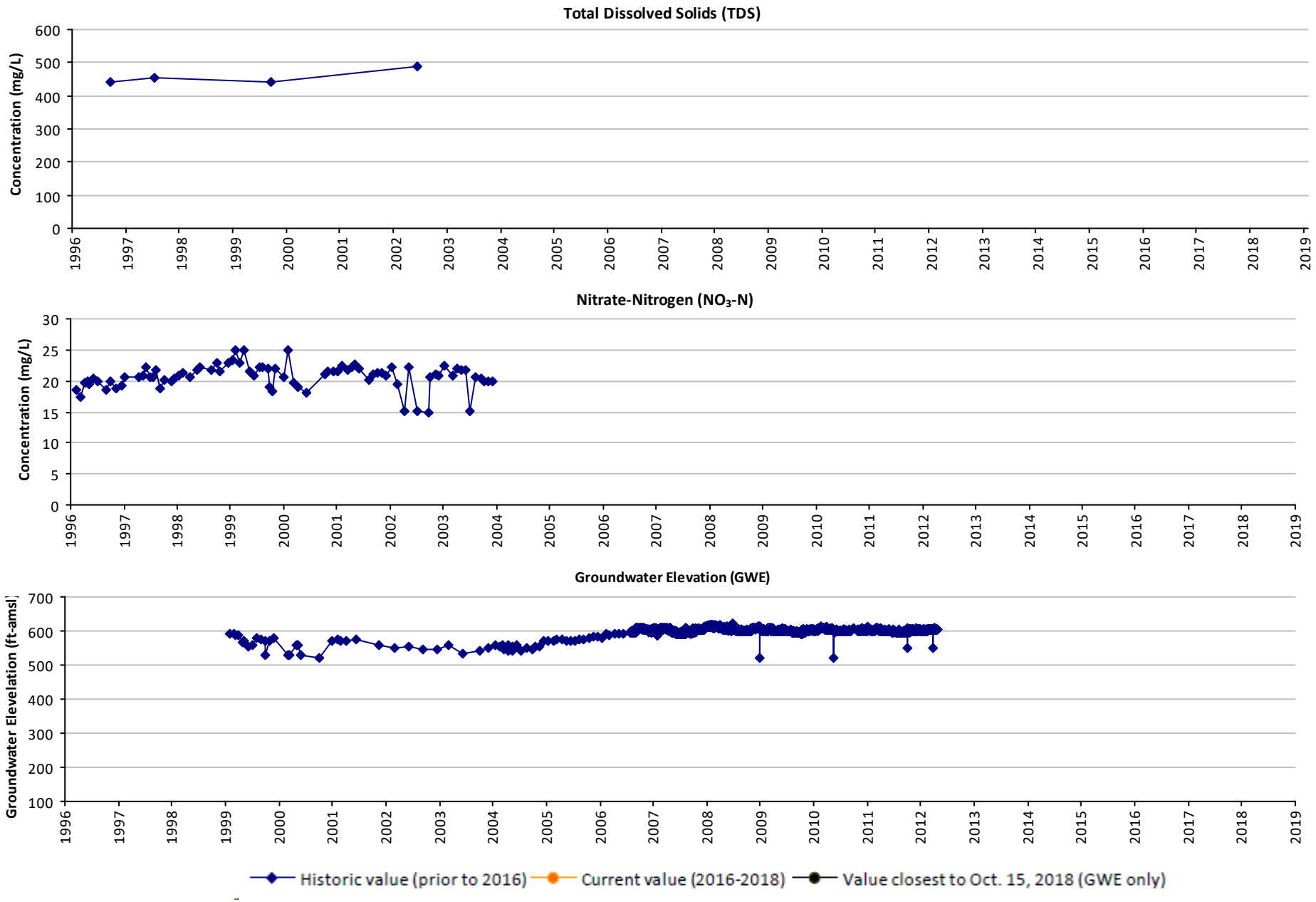
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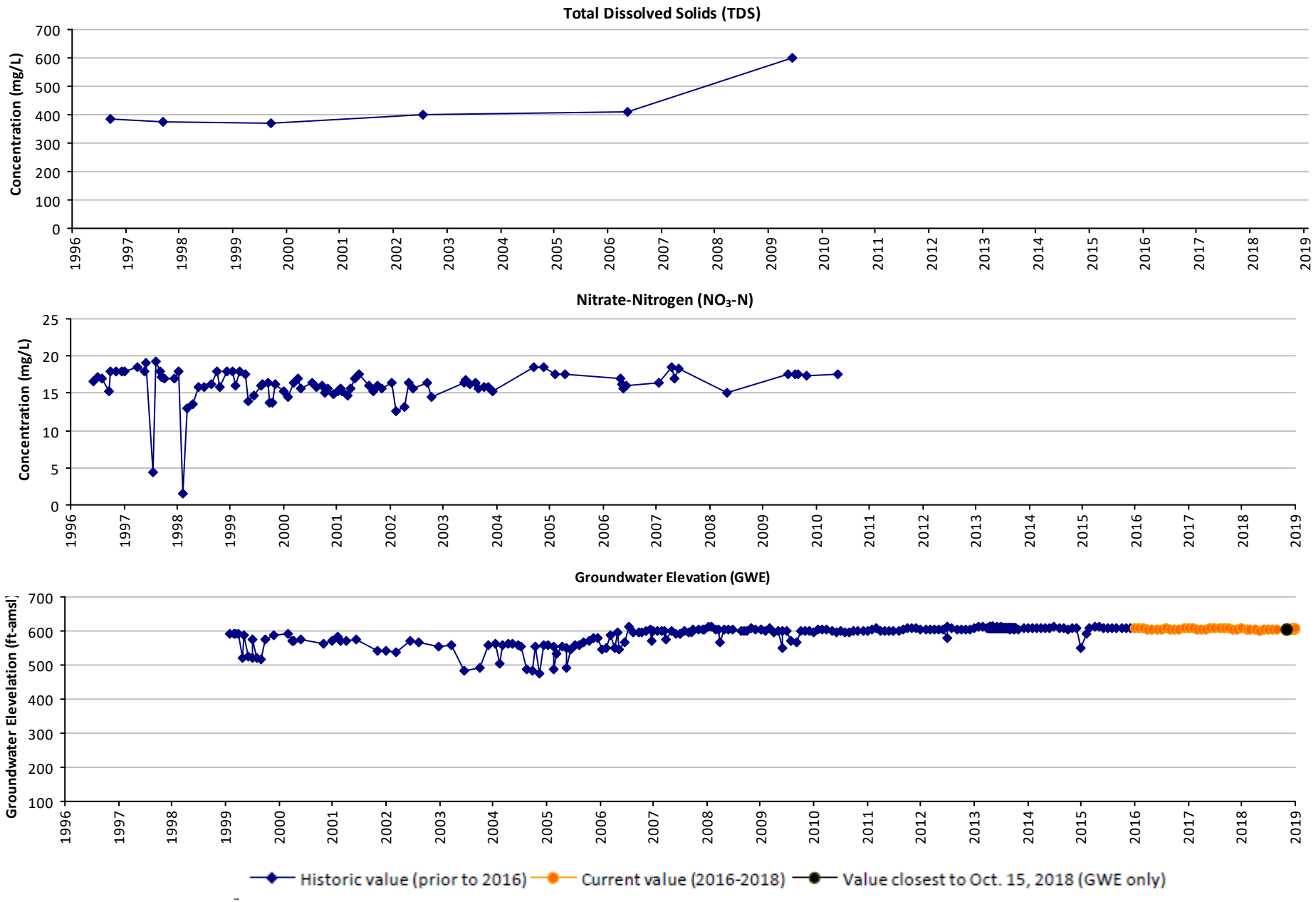
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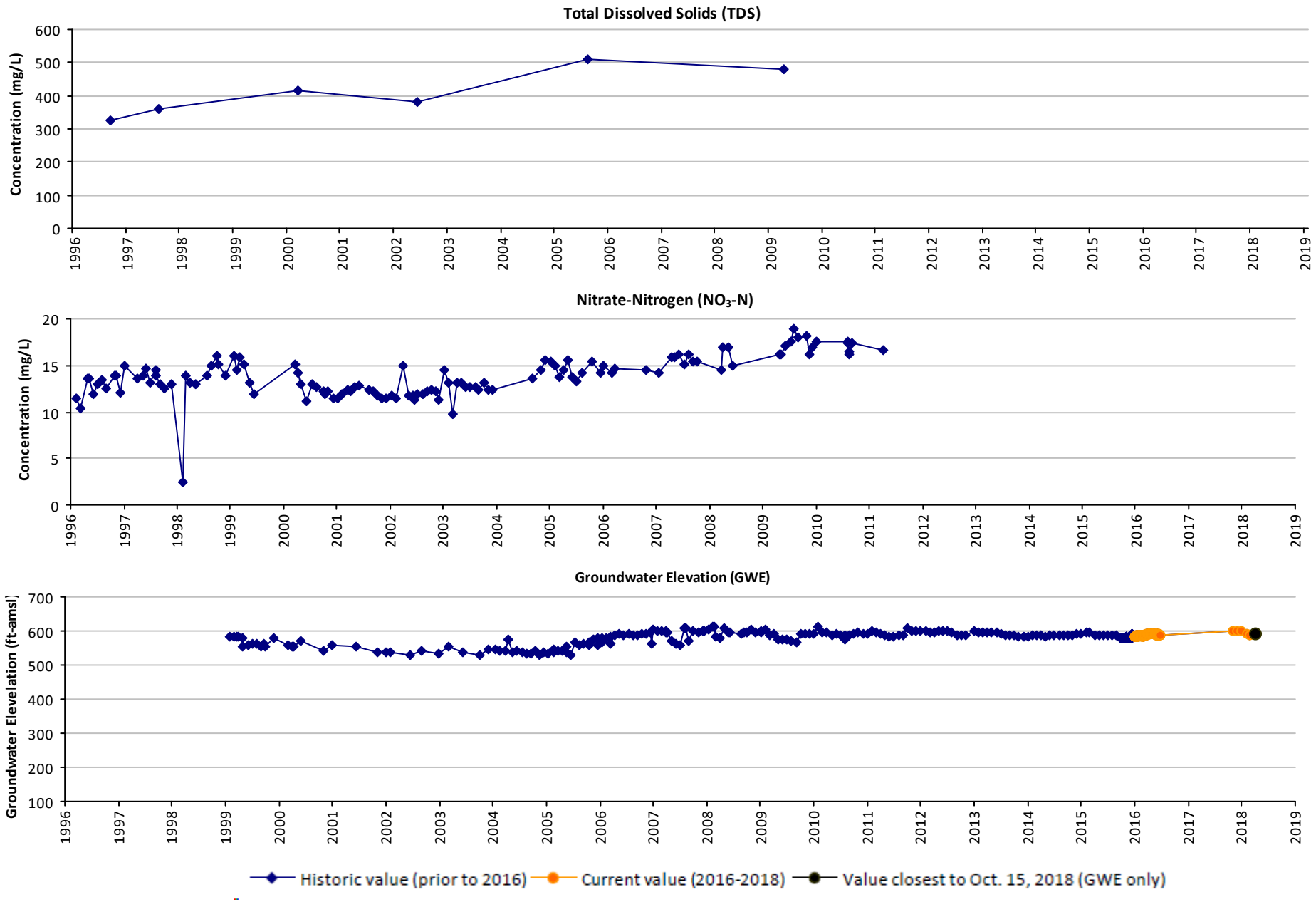
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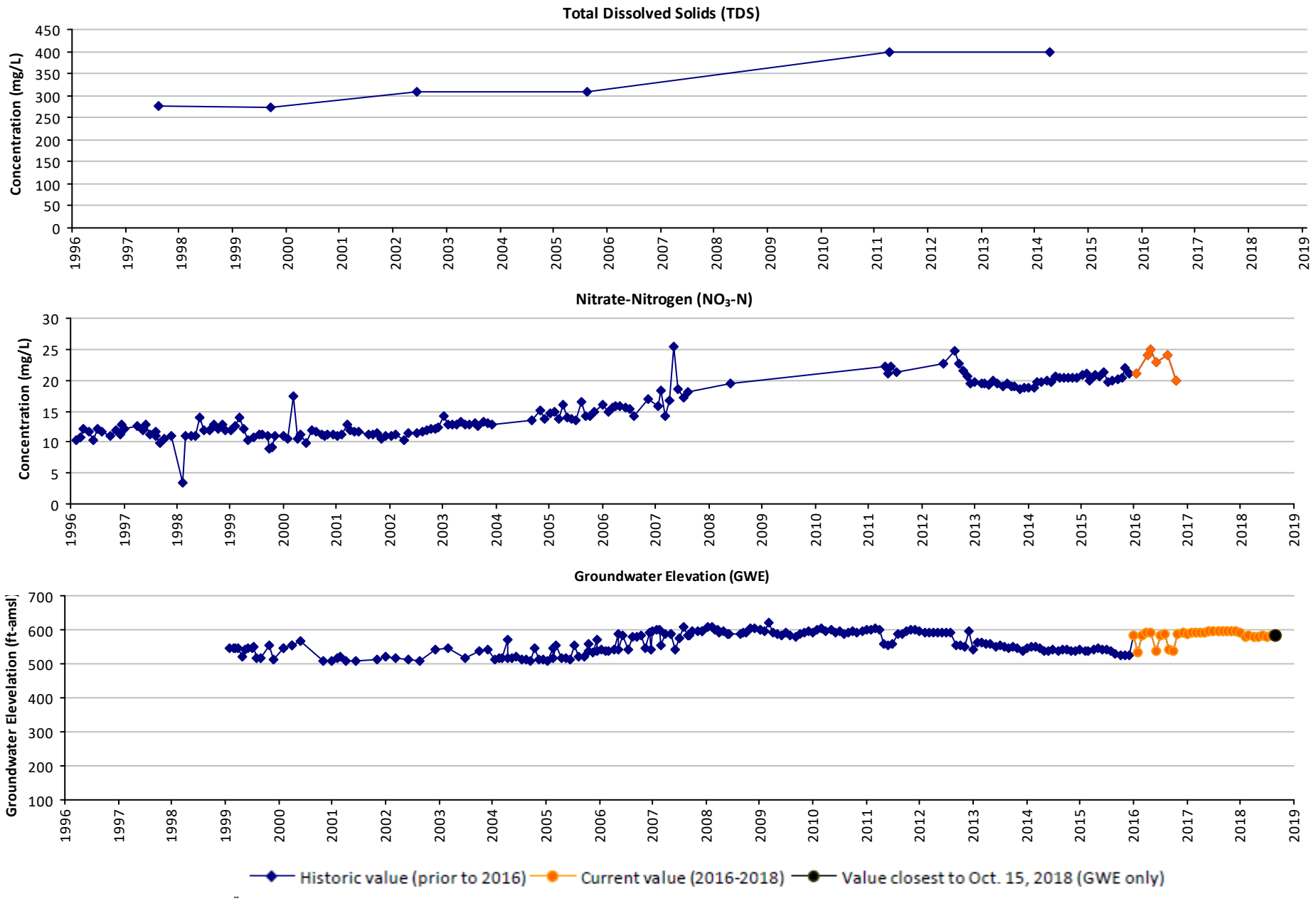
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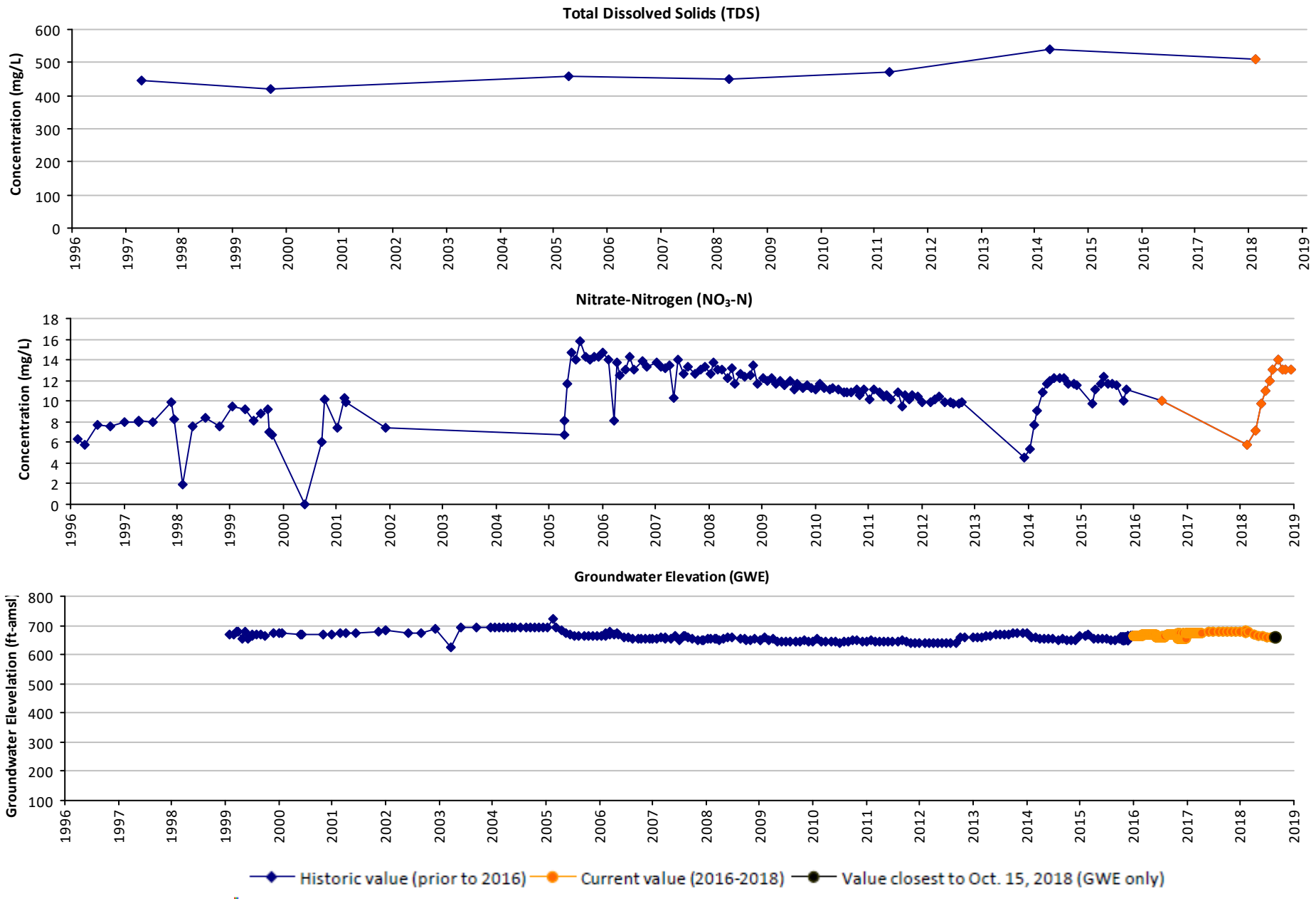
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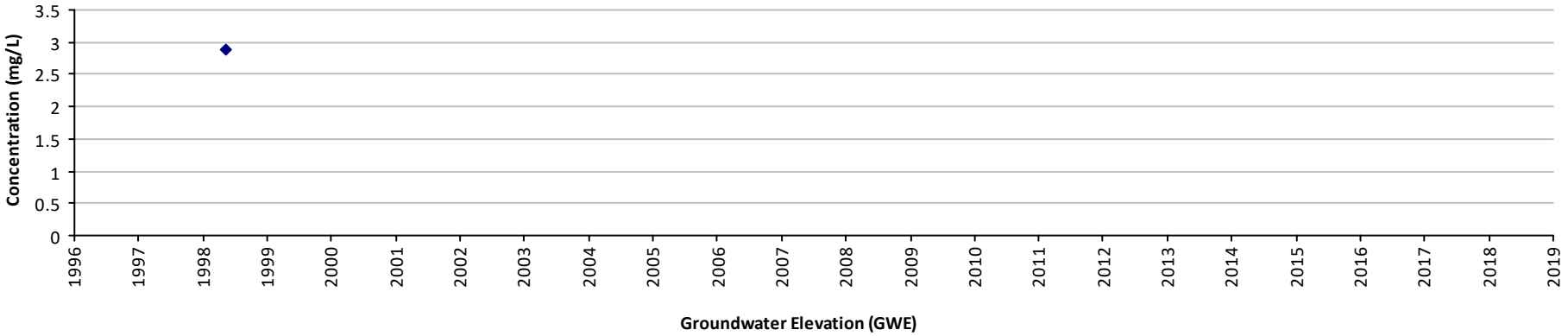
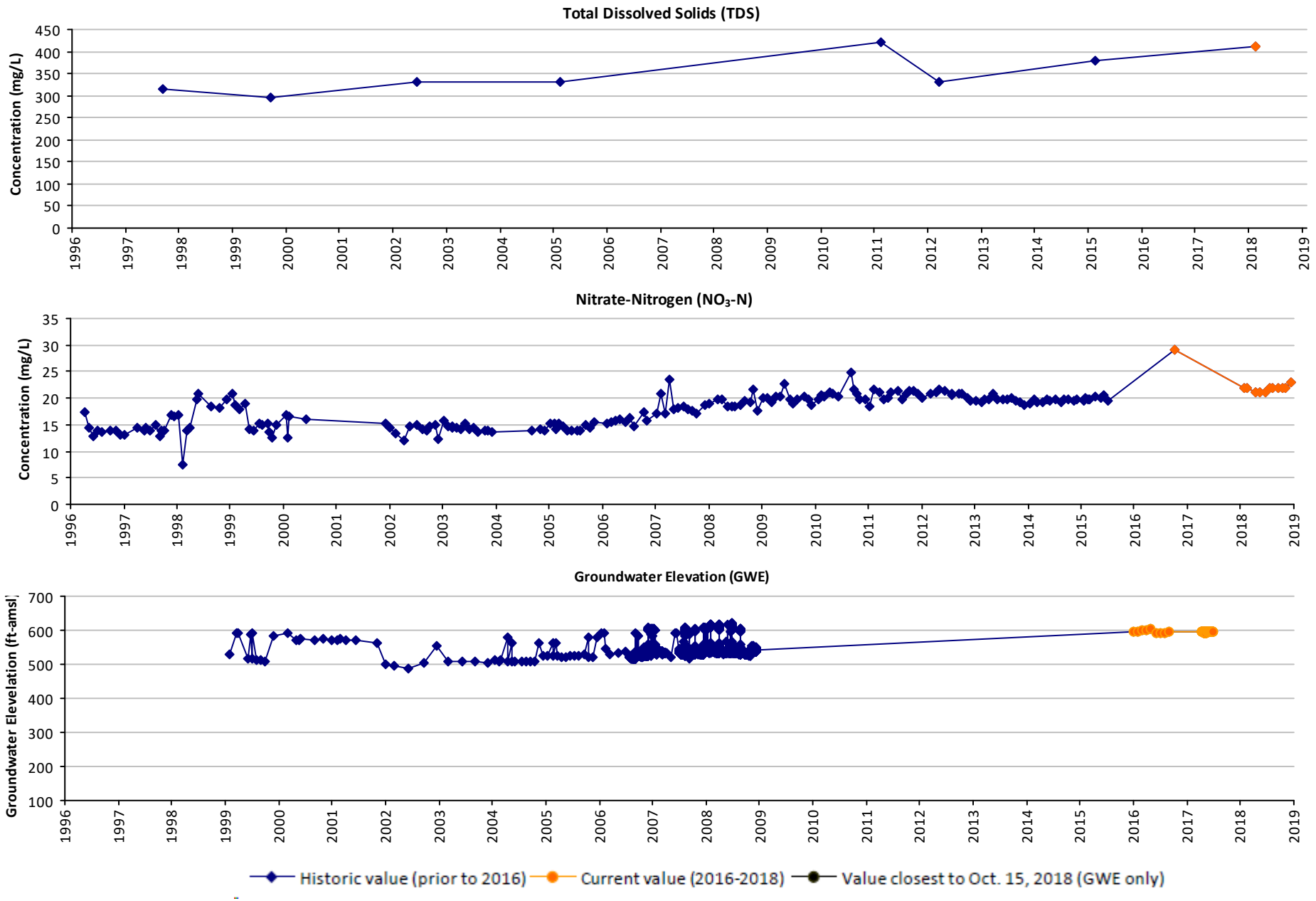
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)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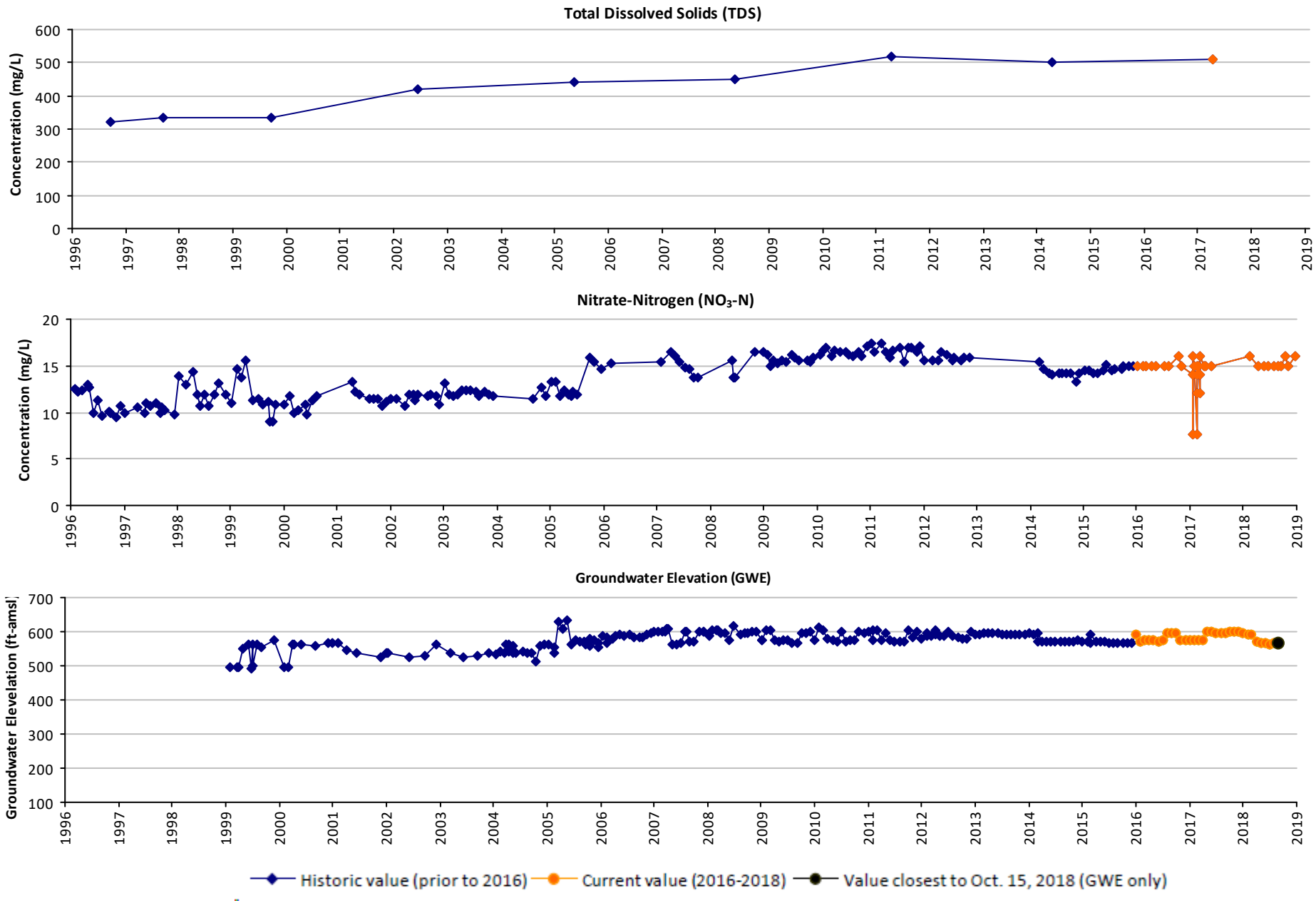
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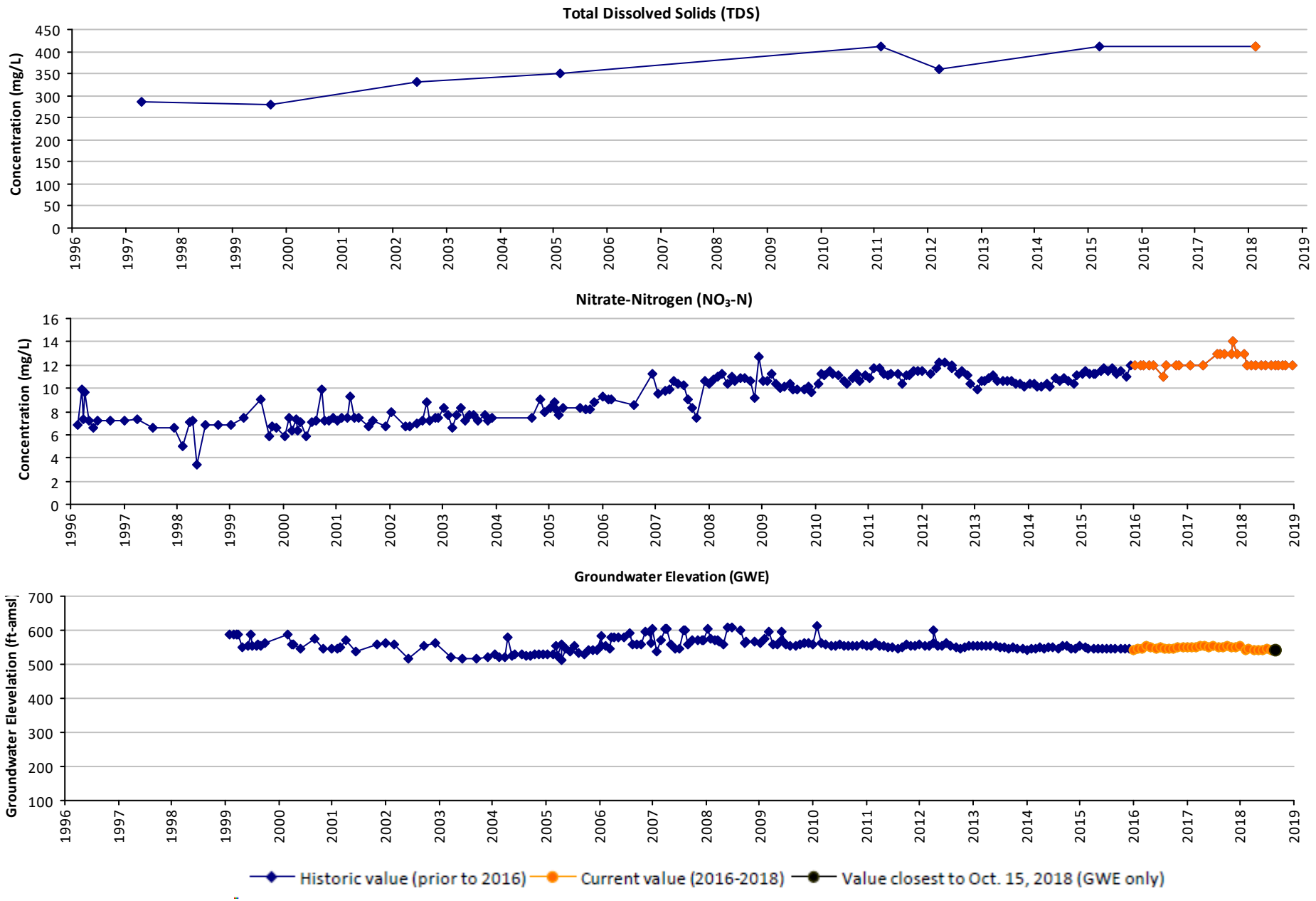
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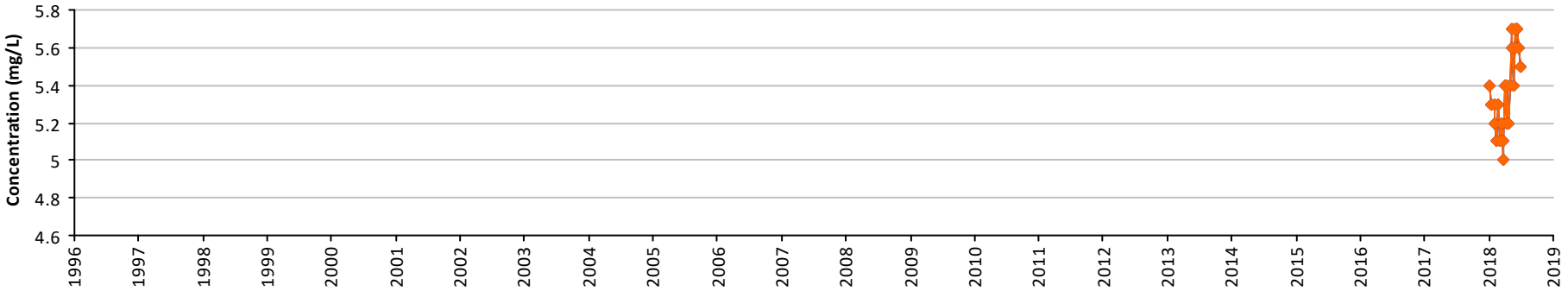
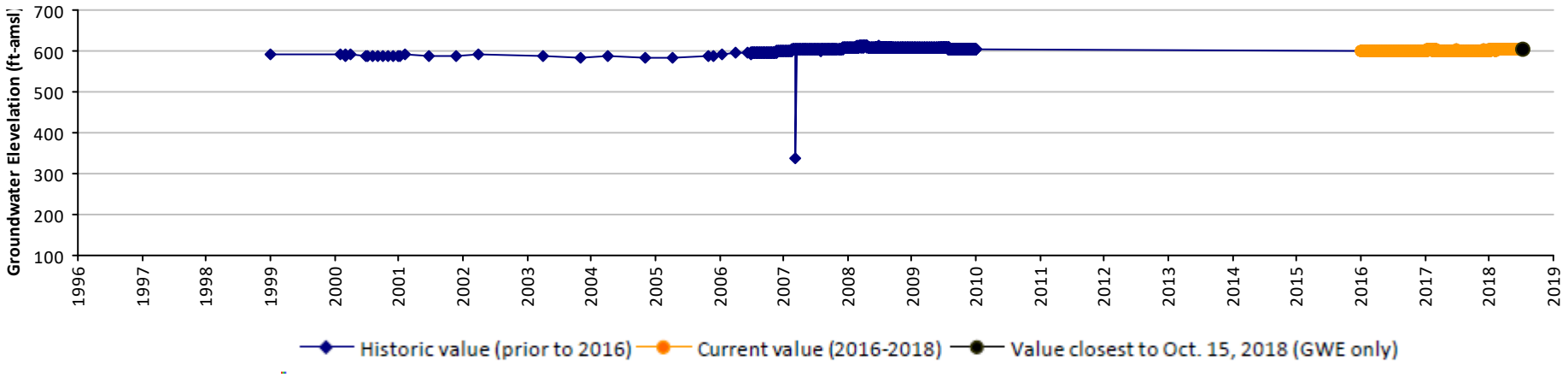
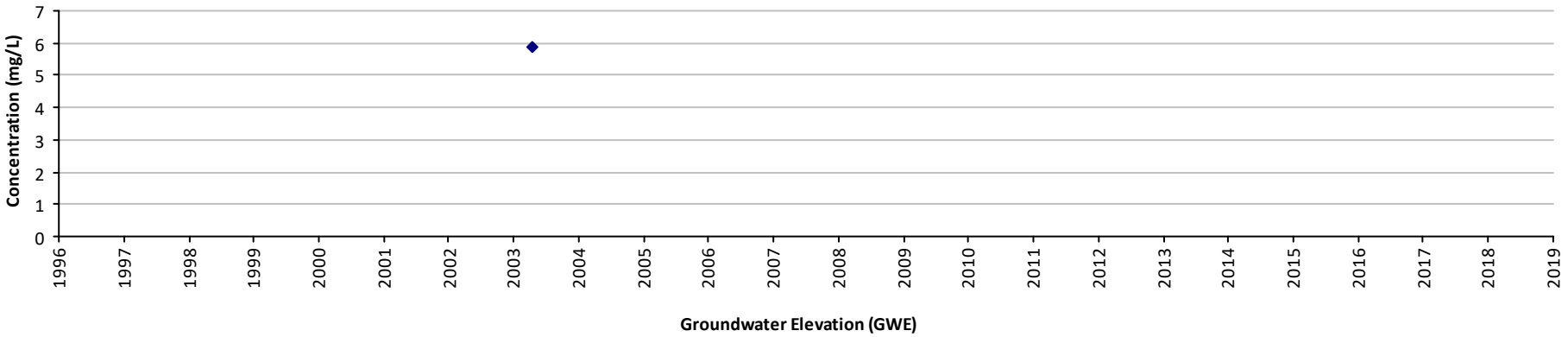


Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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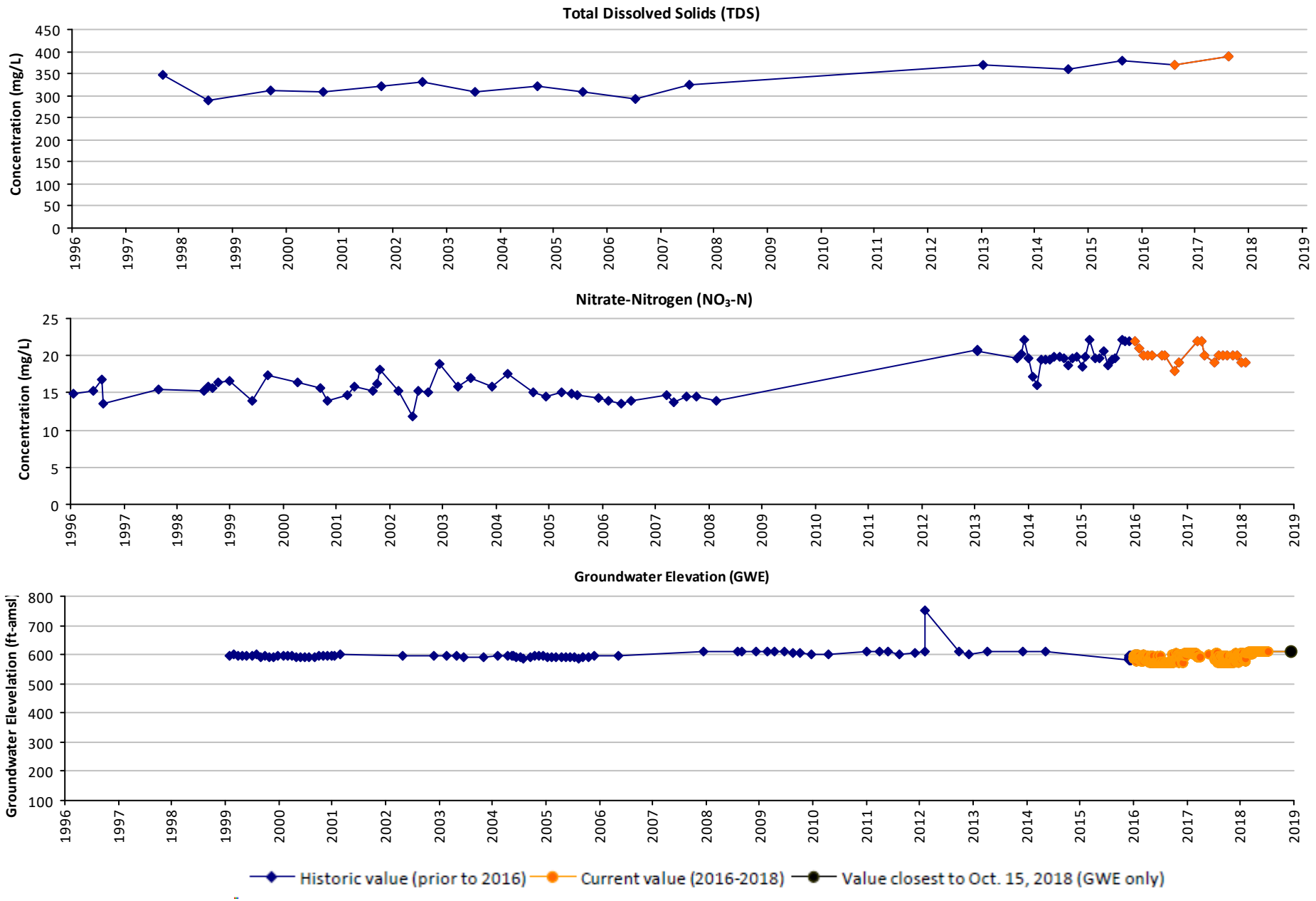
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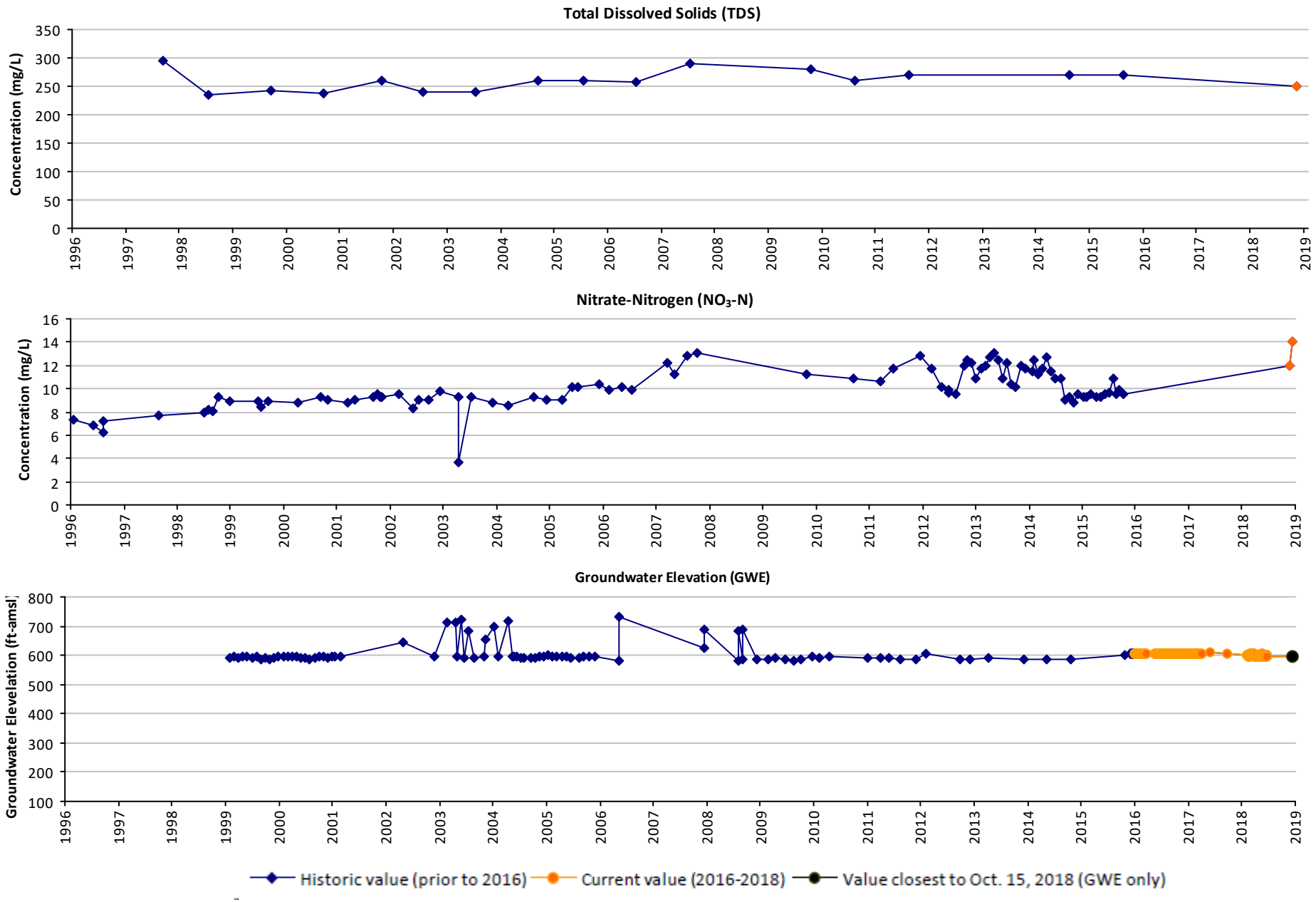
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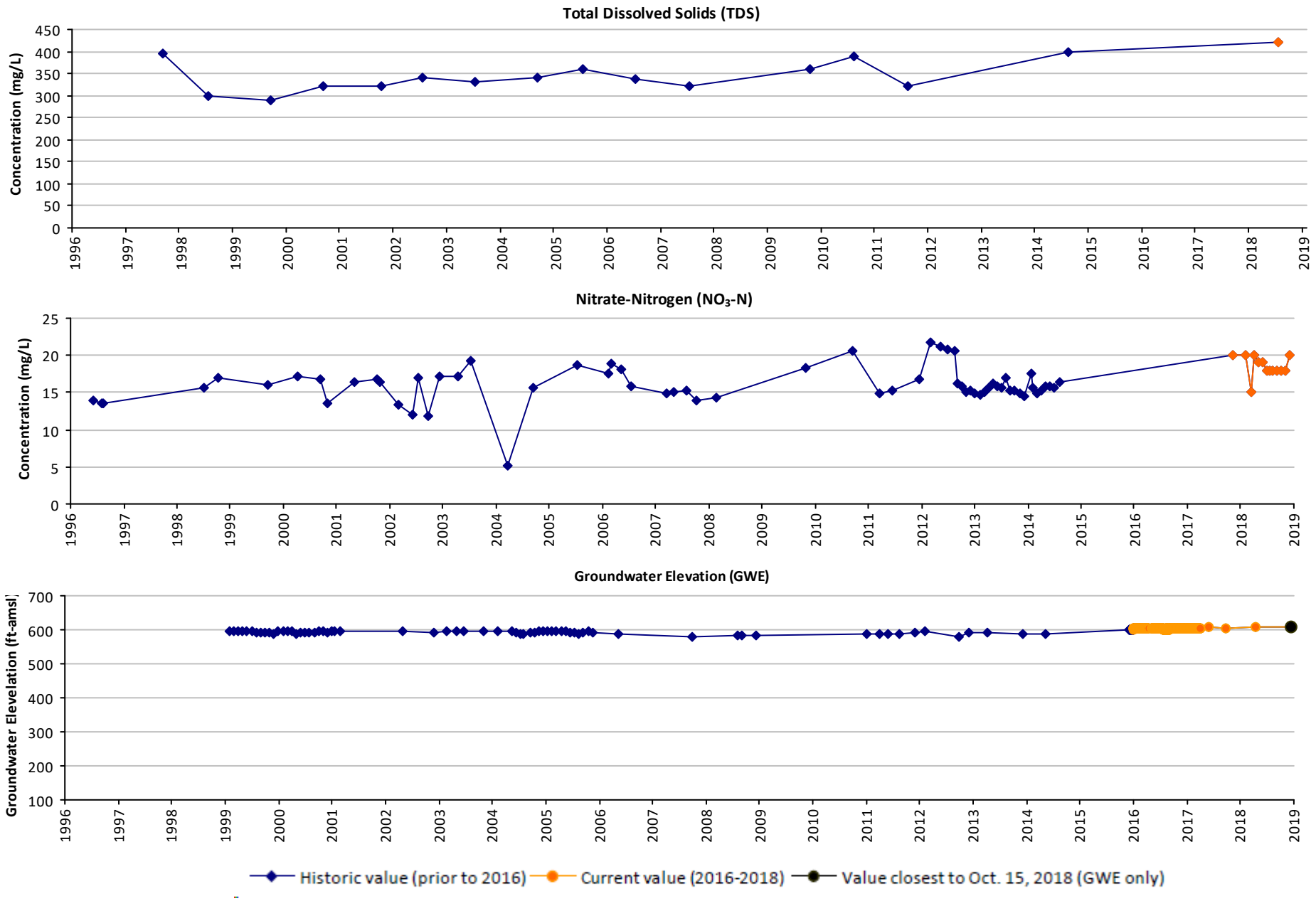
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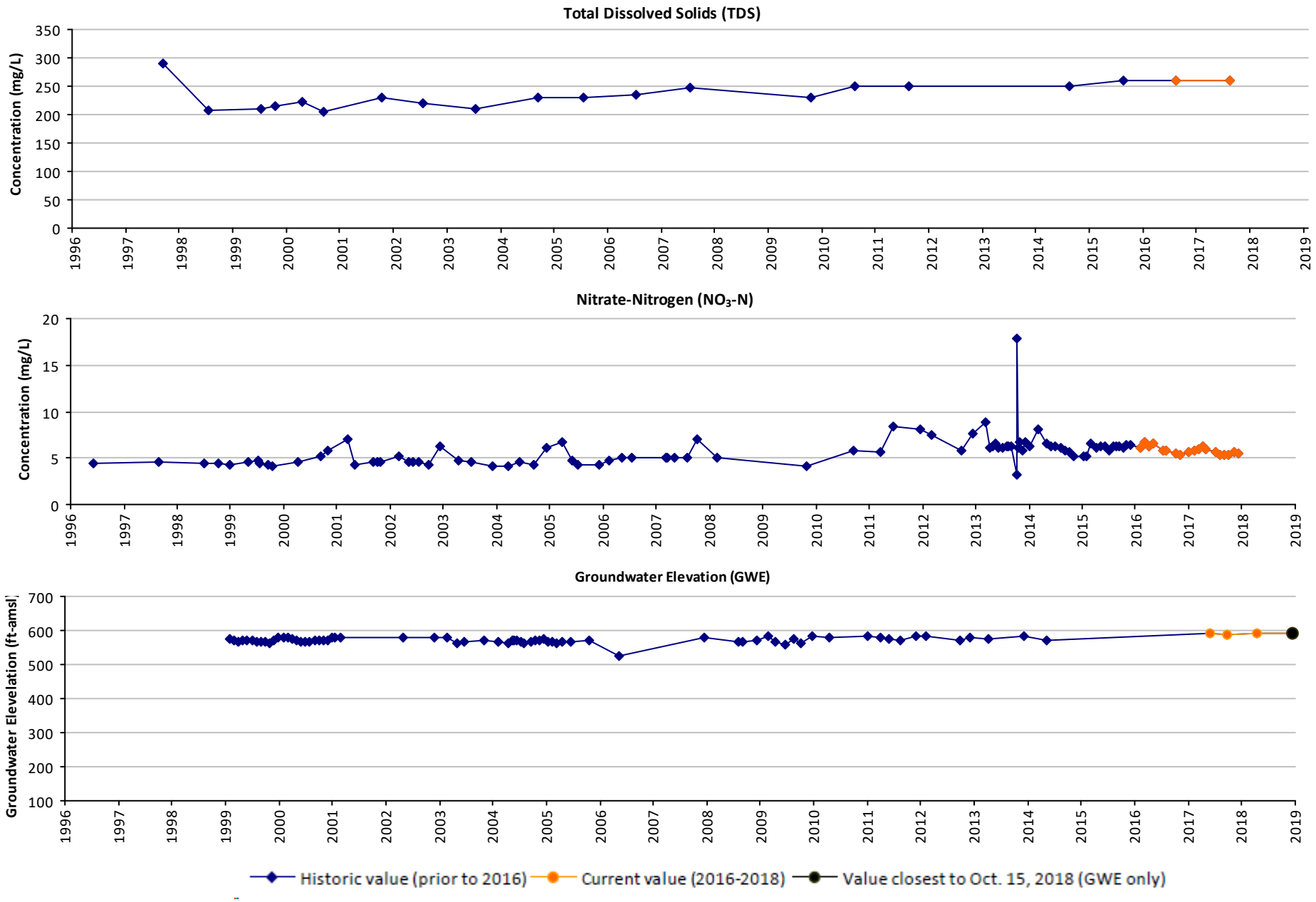
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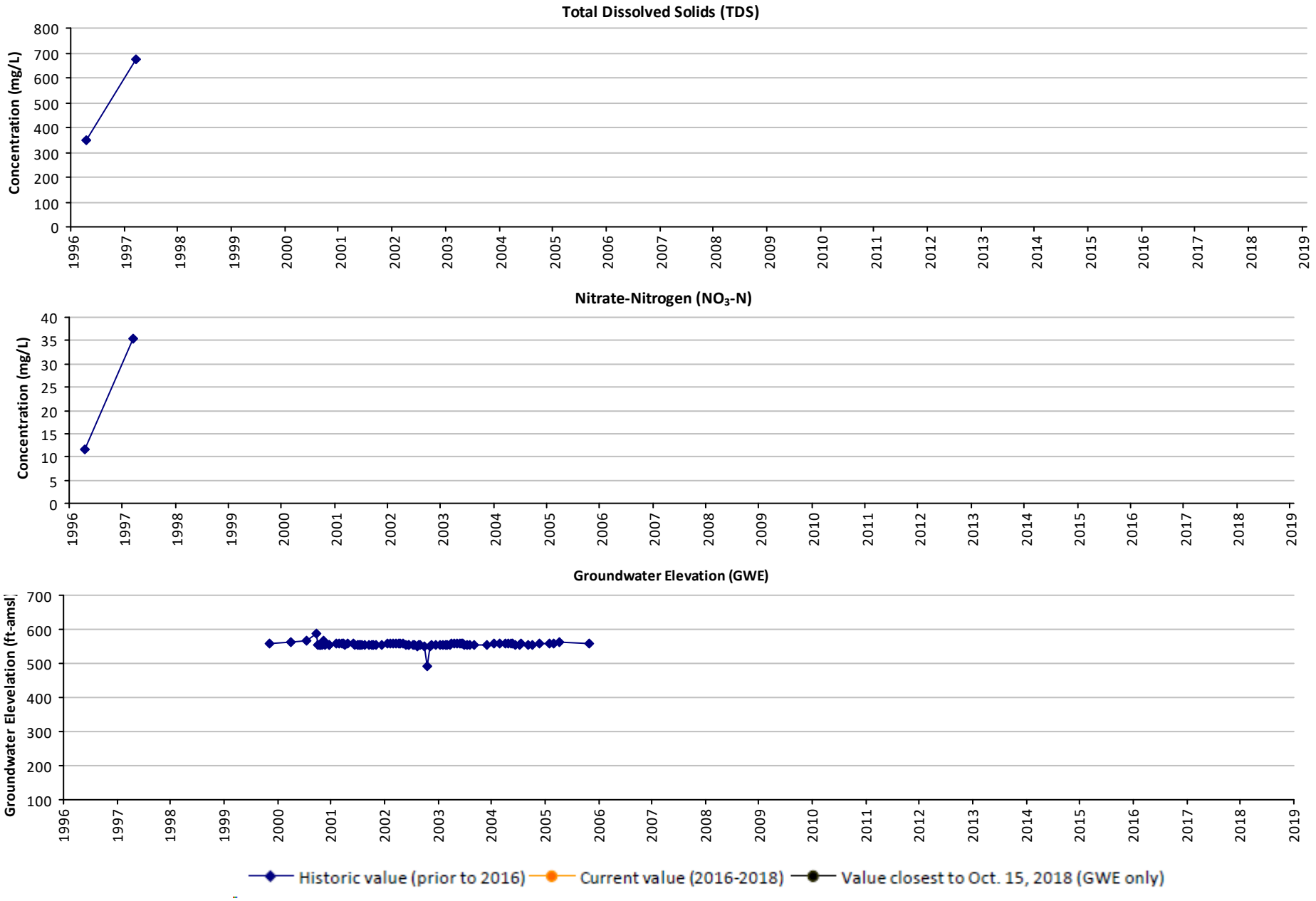
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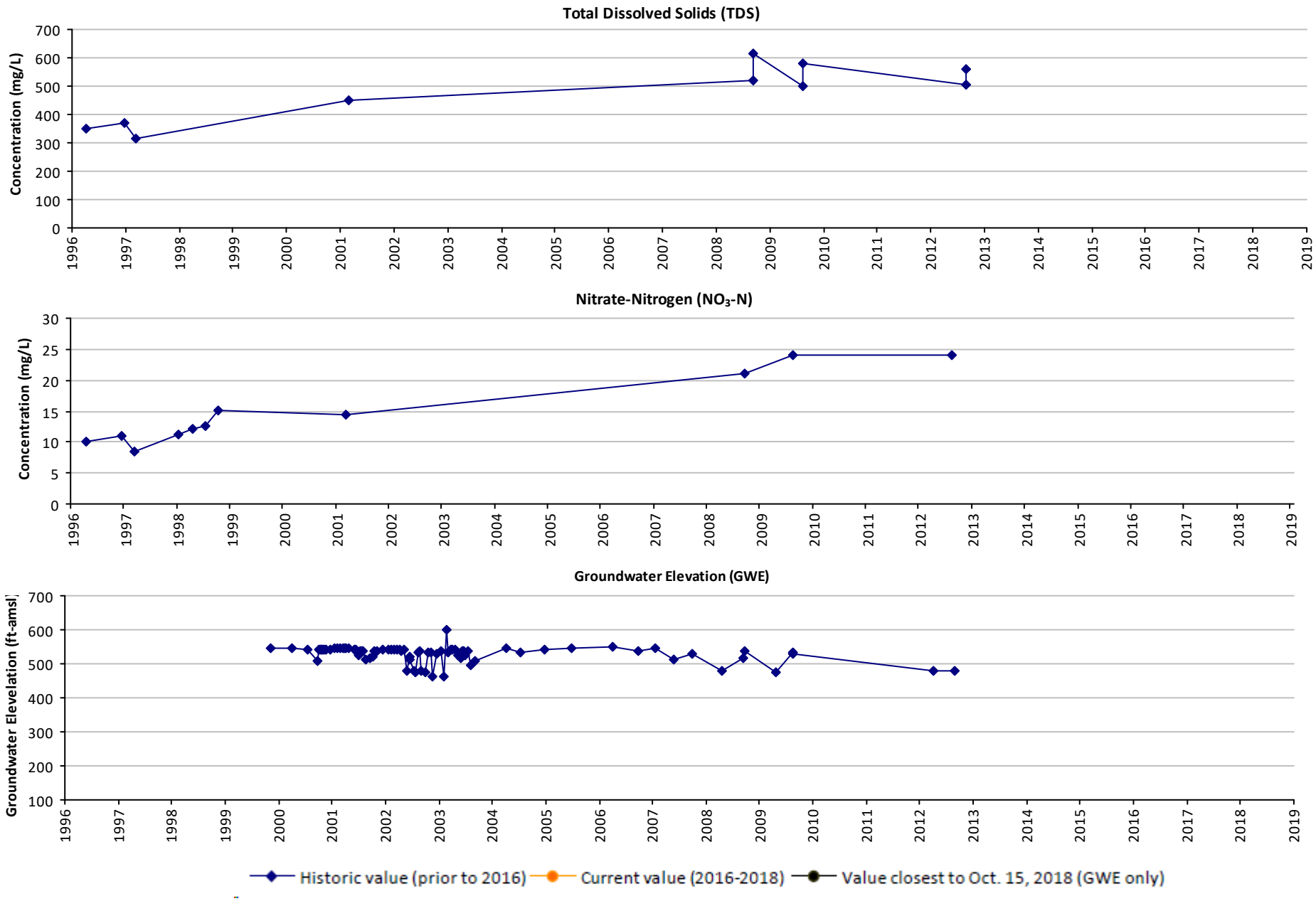
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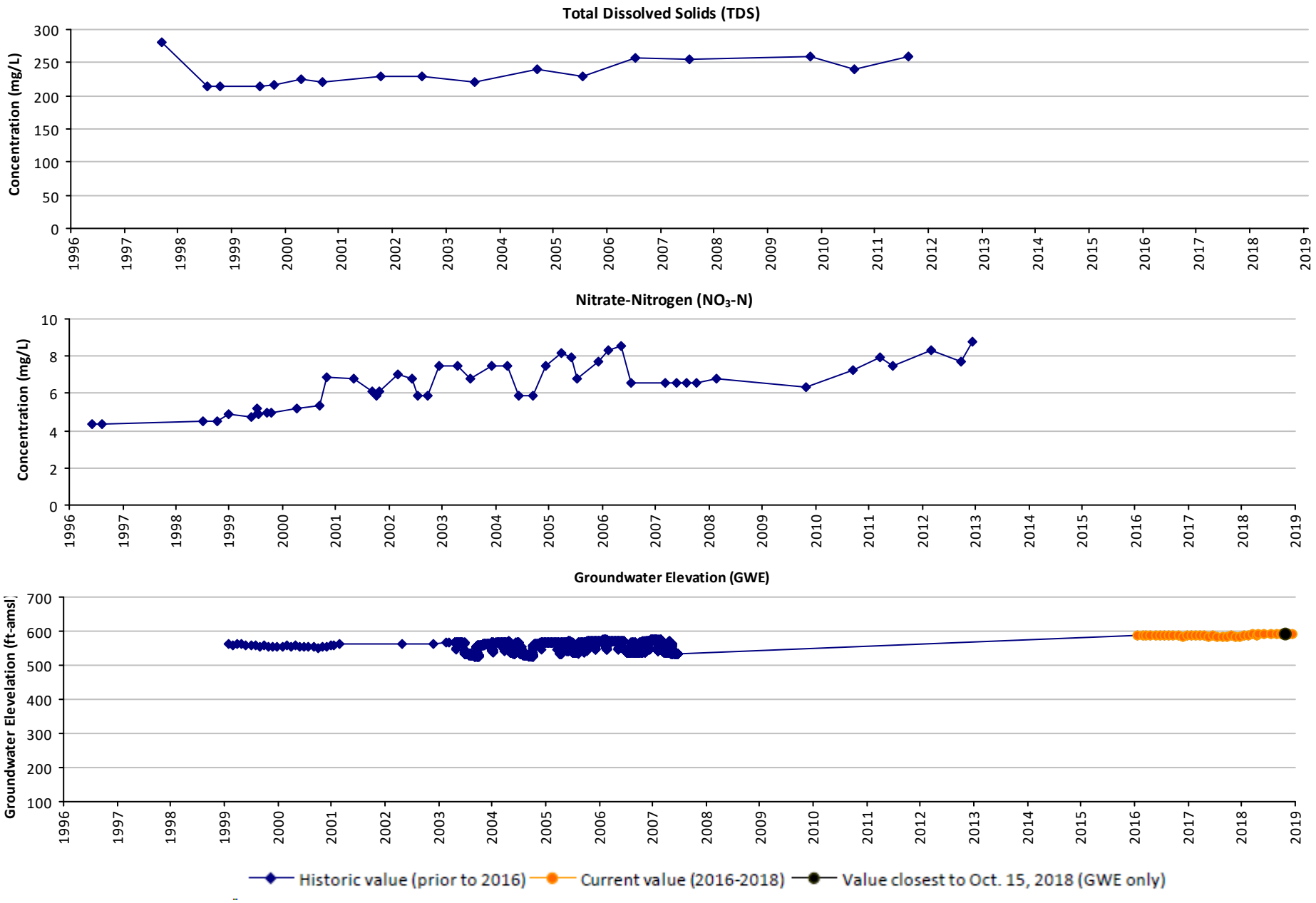
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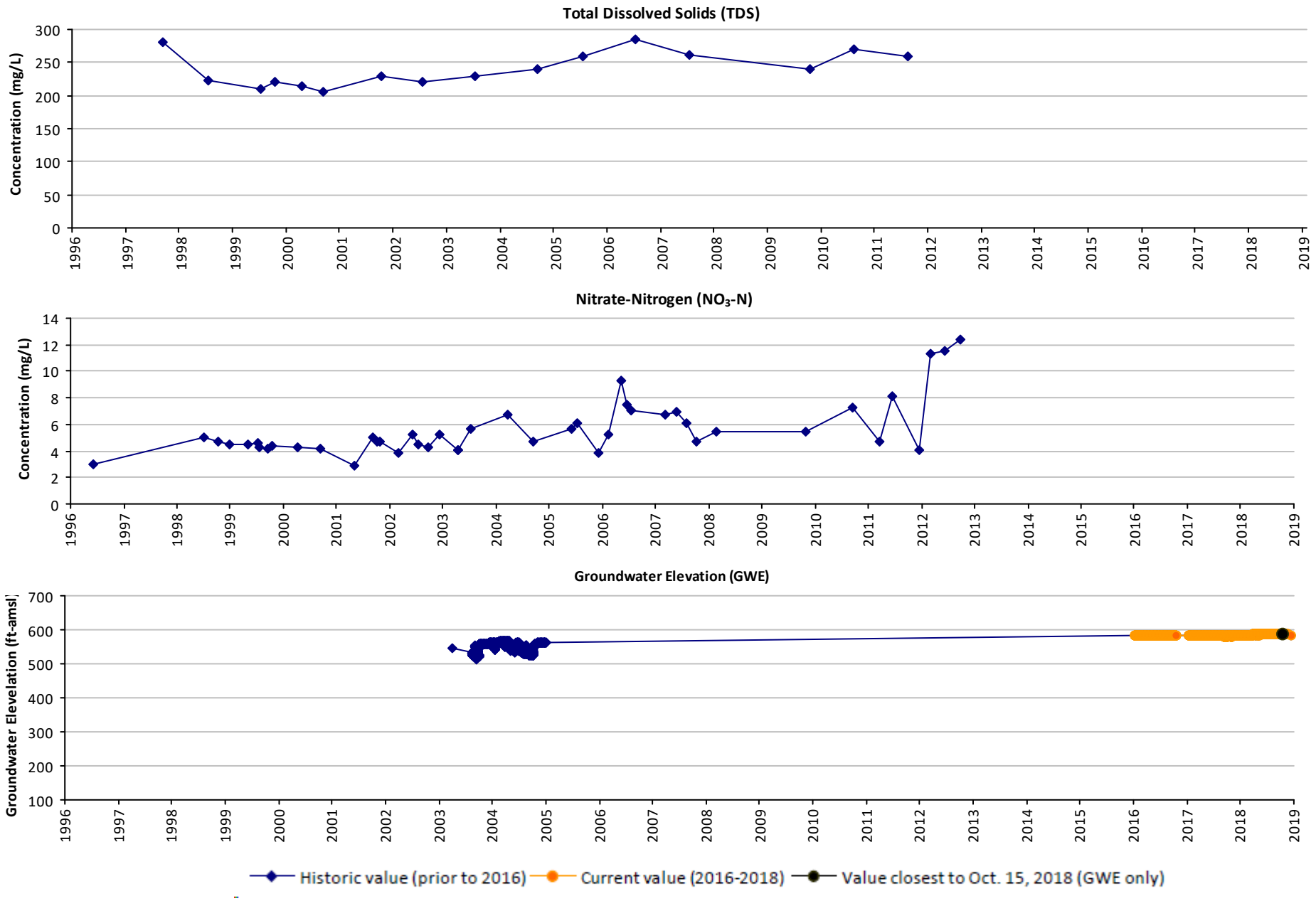
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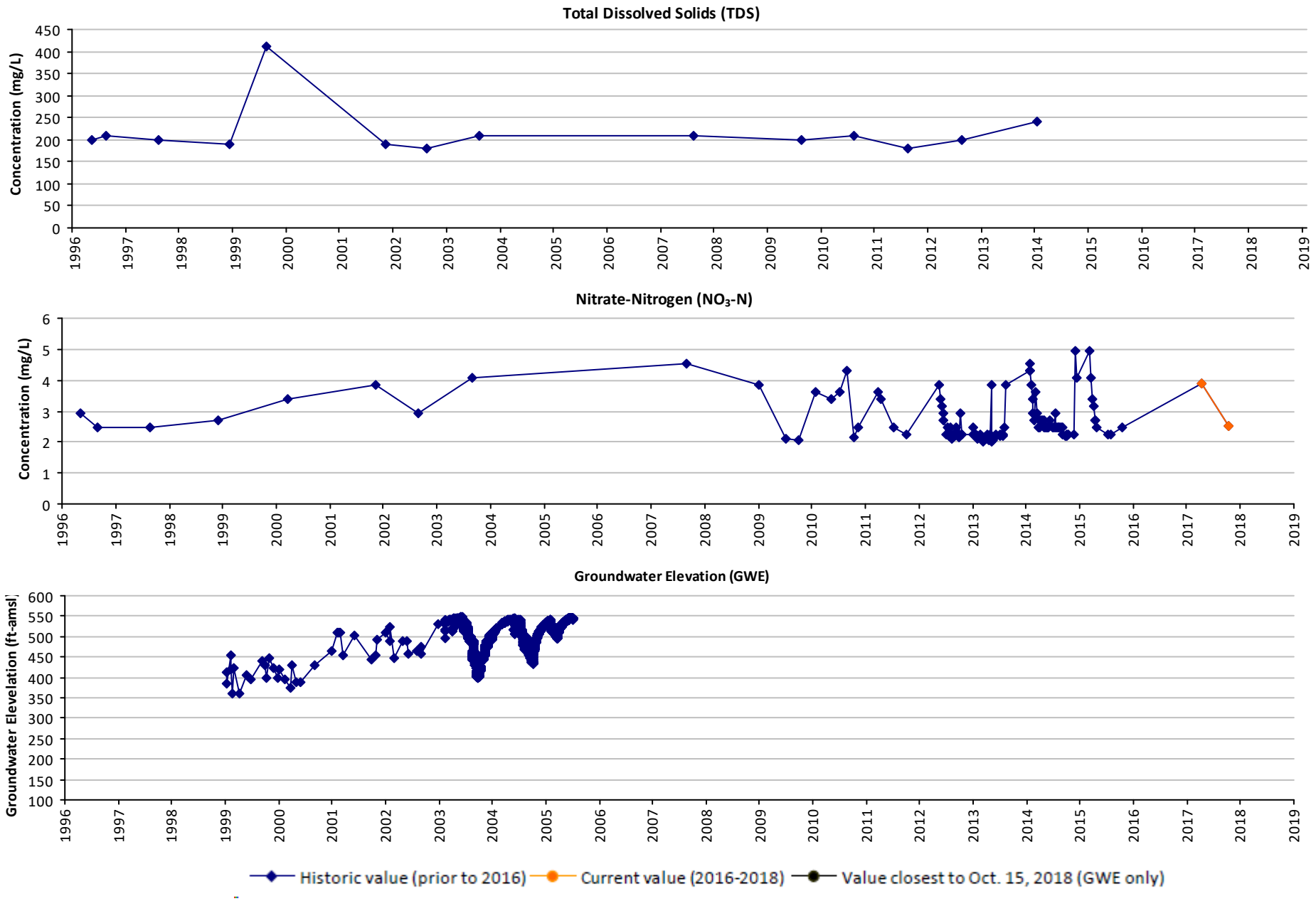
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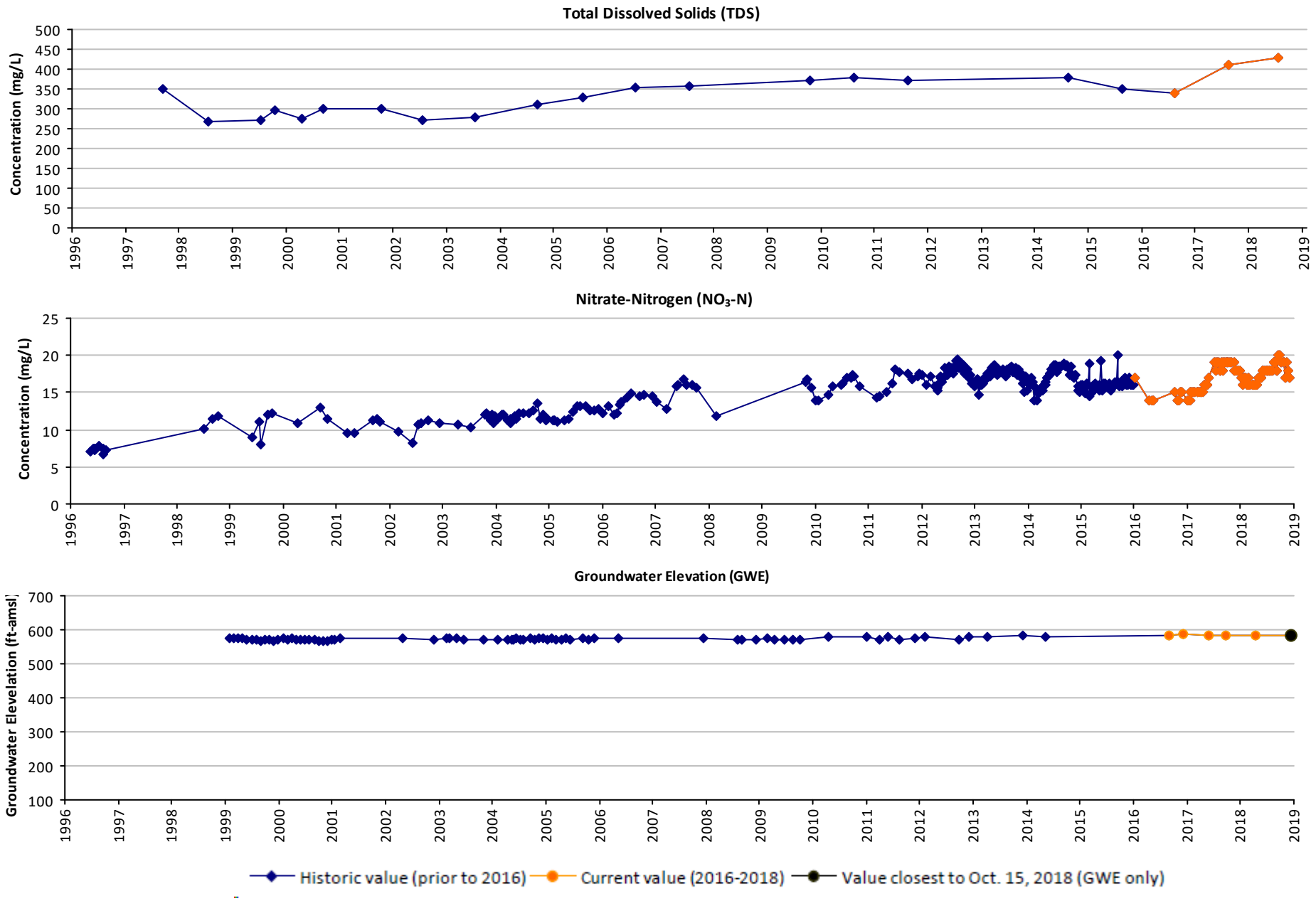
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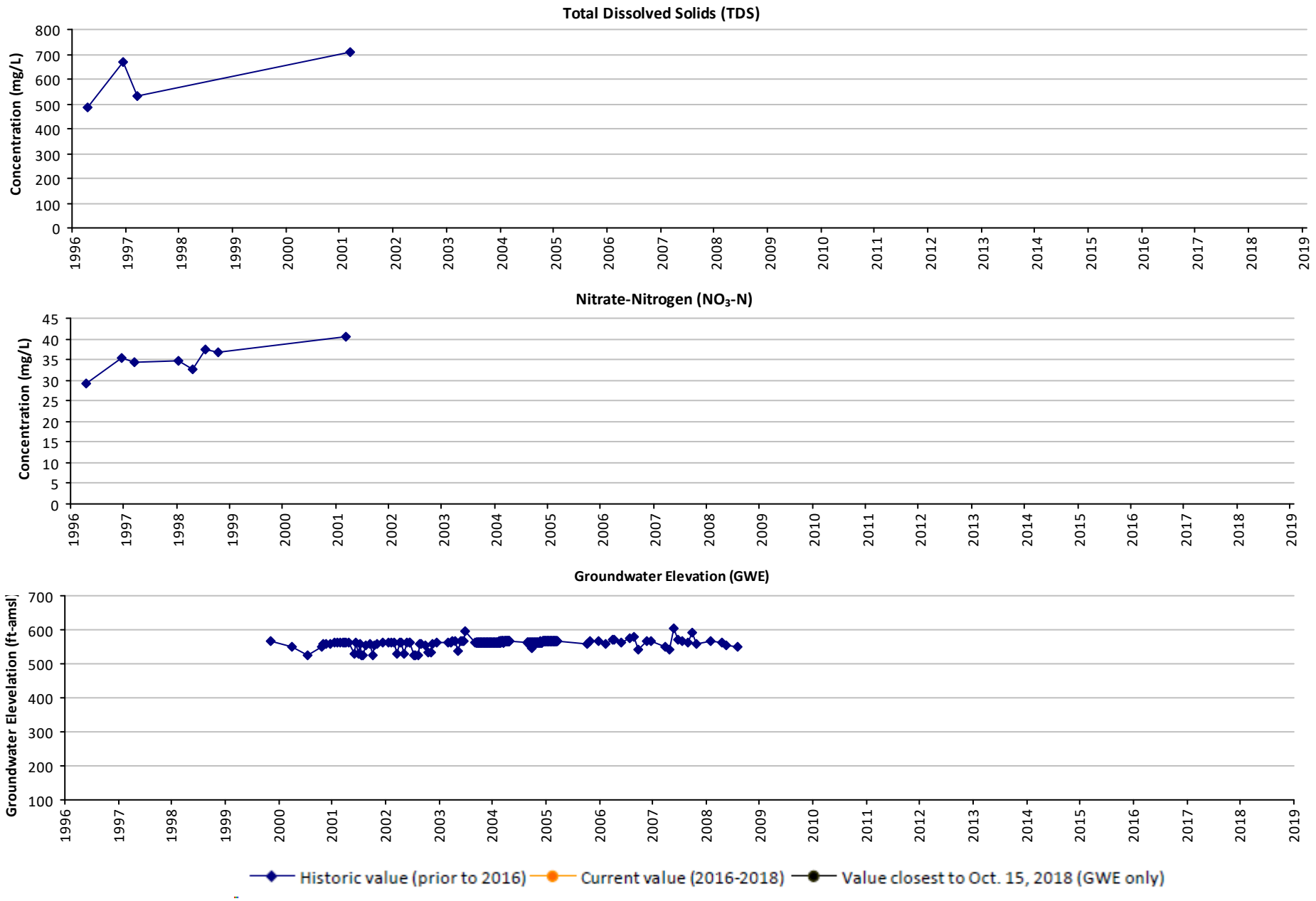
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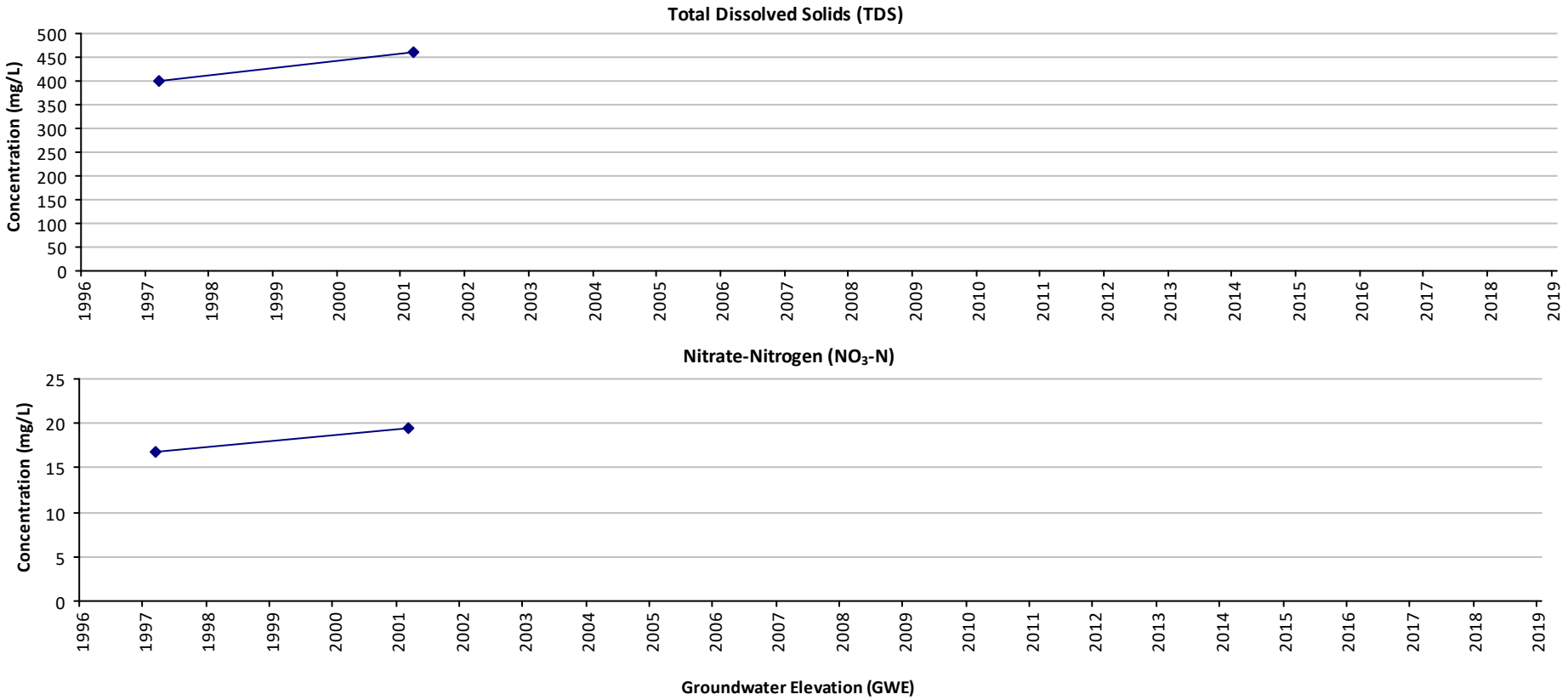
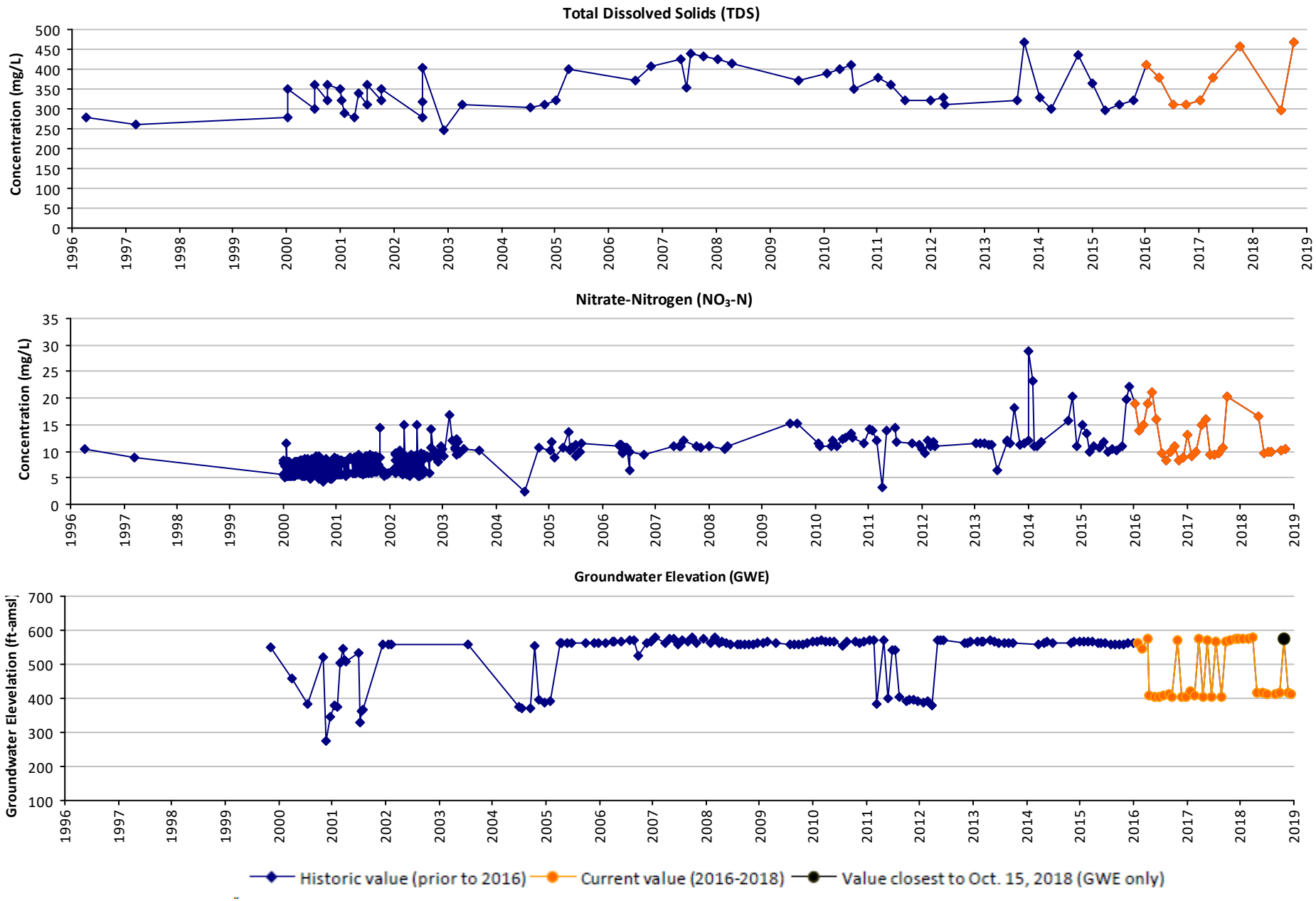
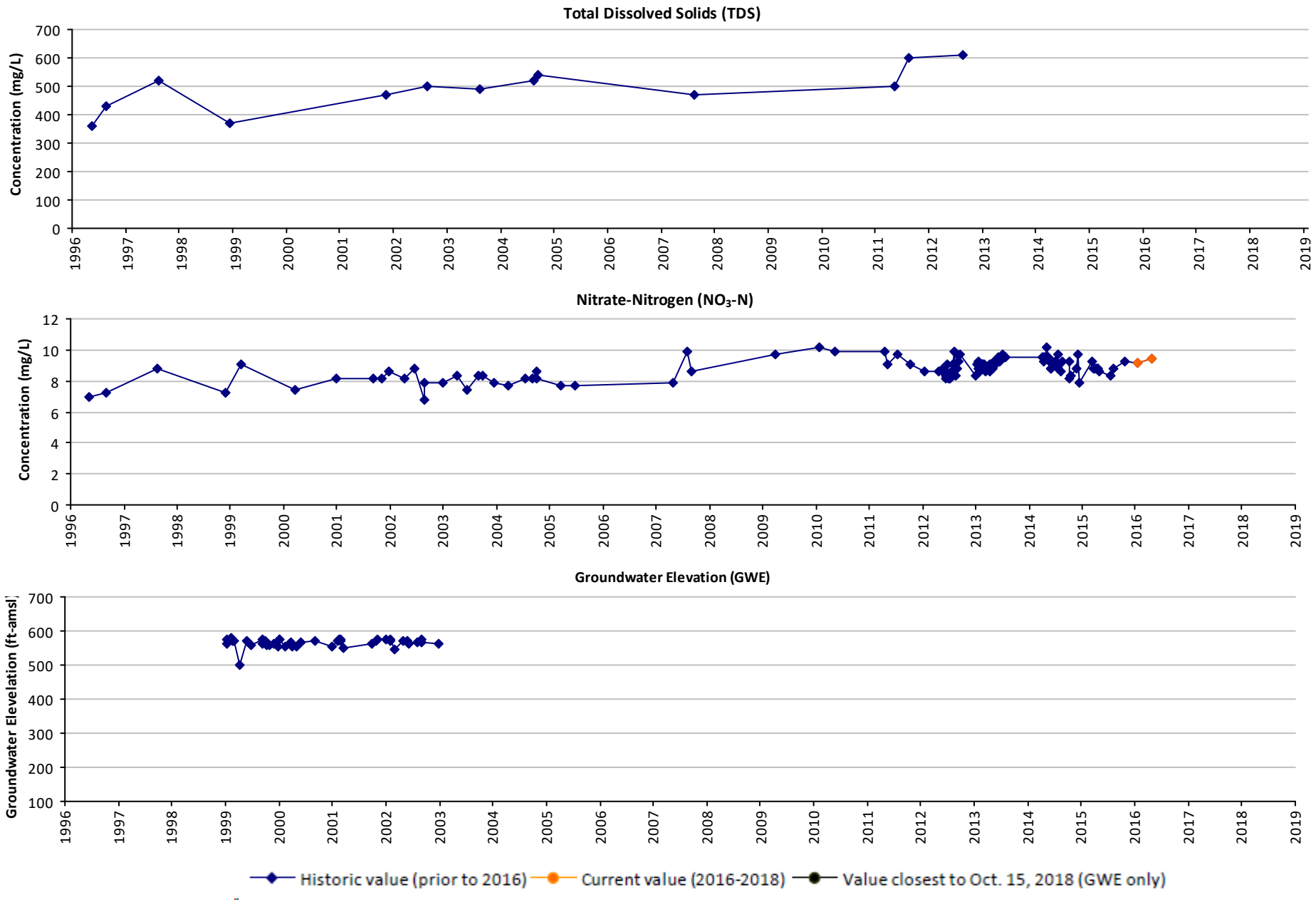
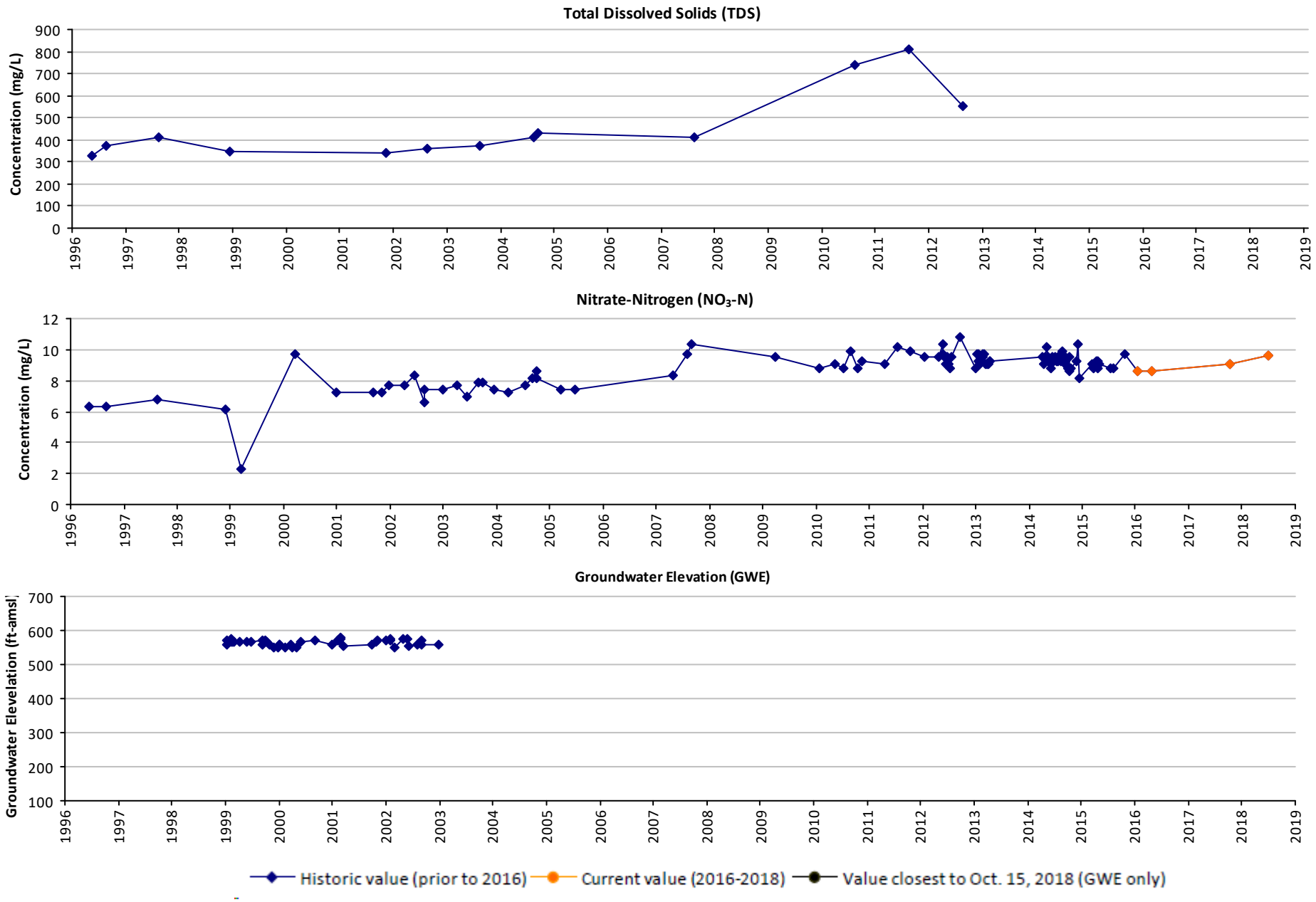
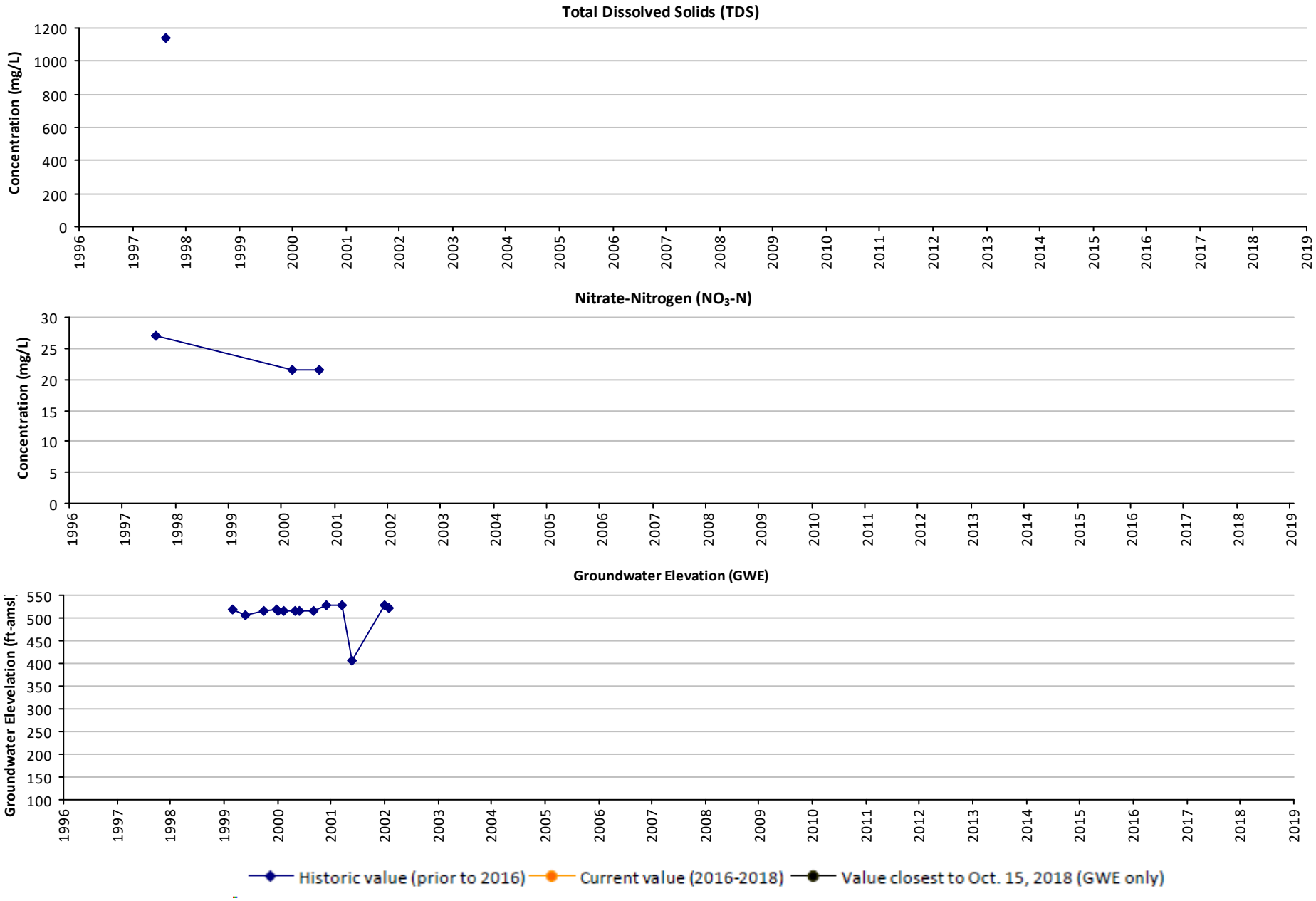
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

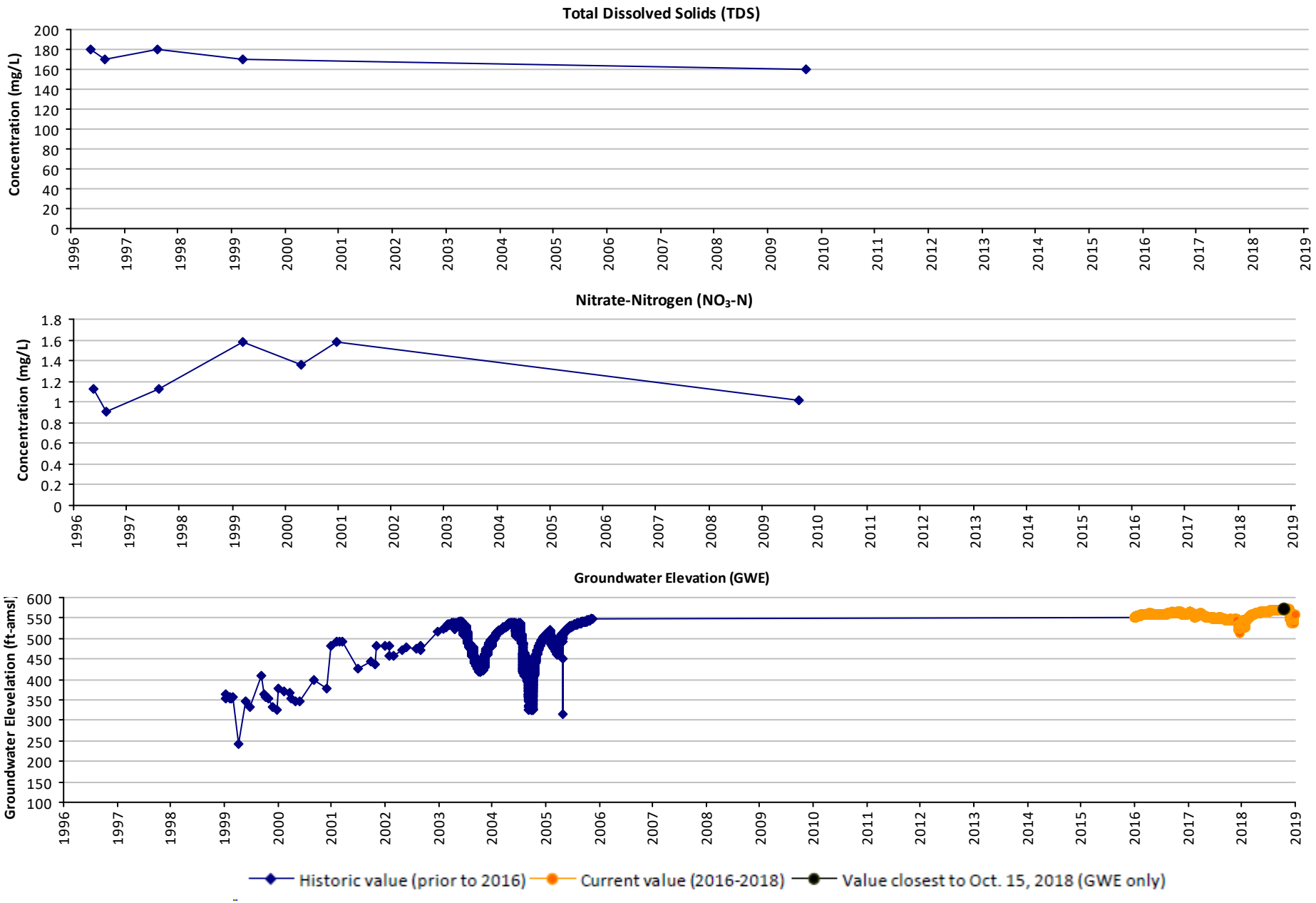

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

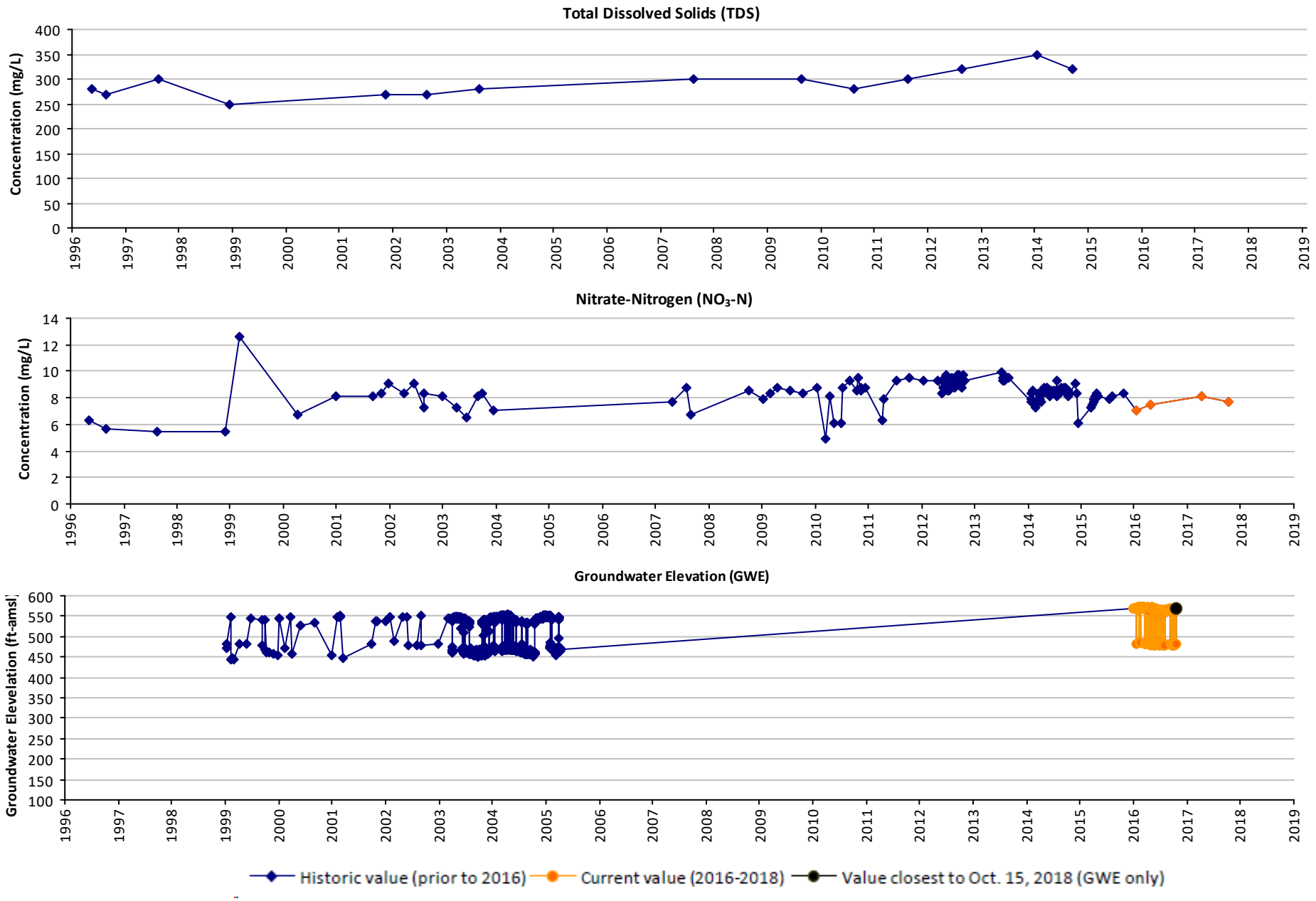

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

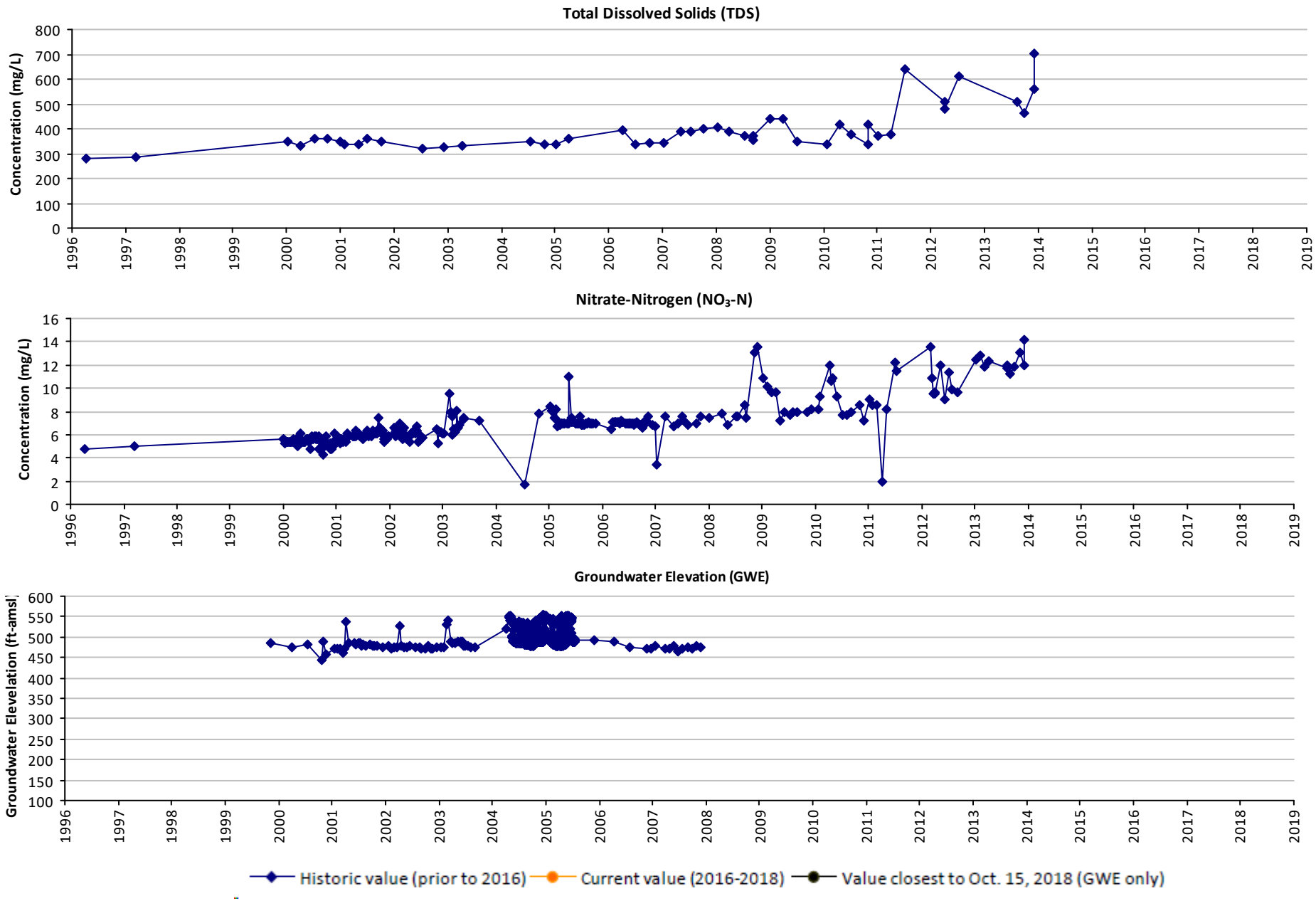

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

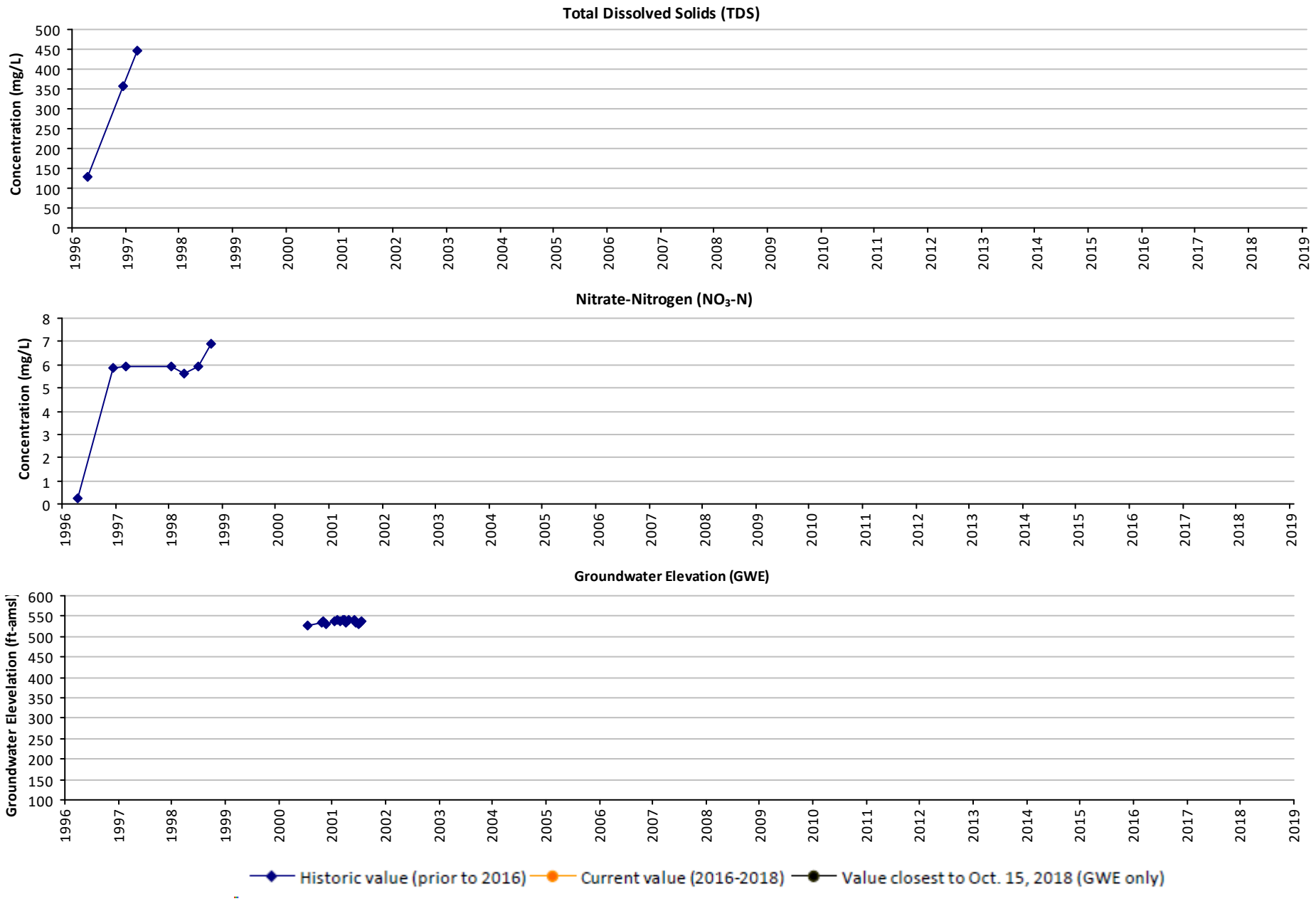

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

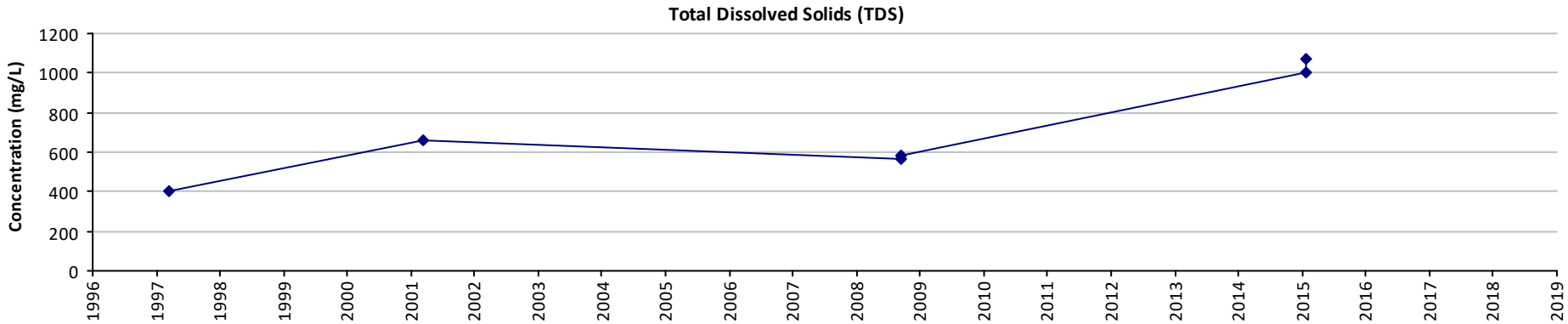

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
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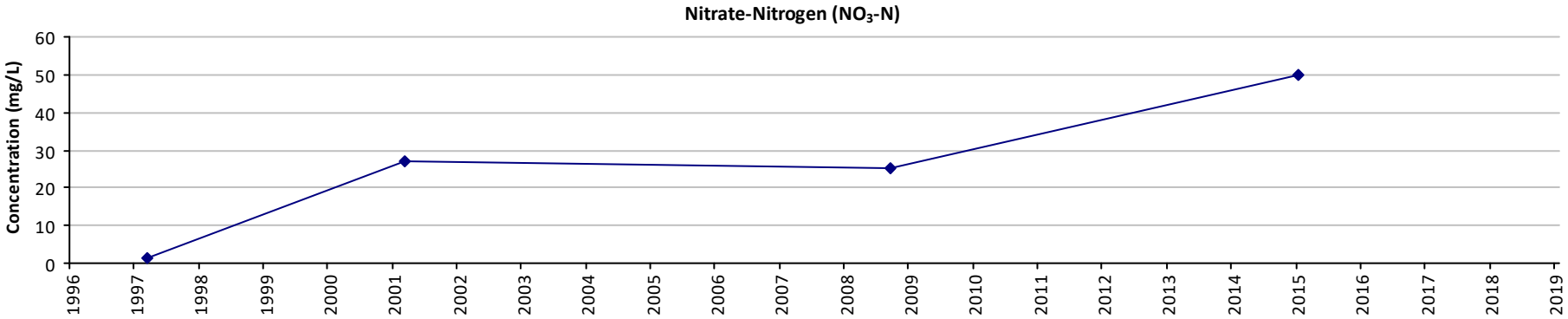
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
1999
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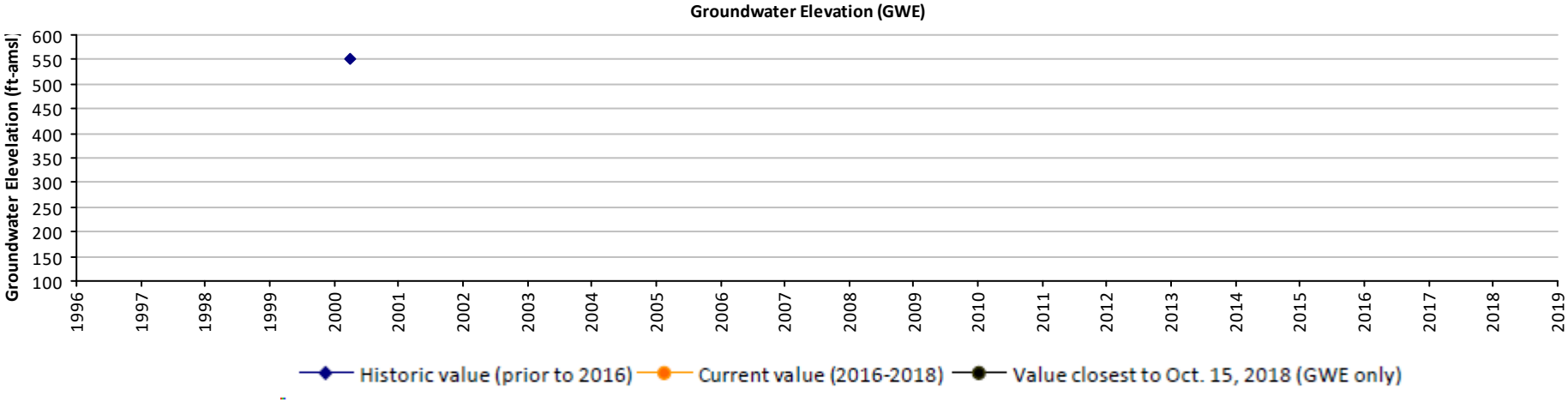
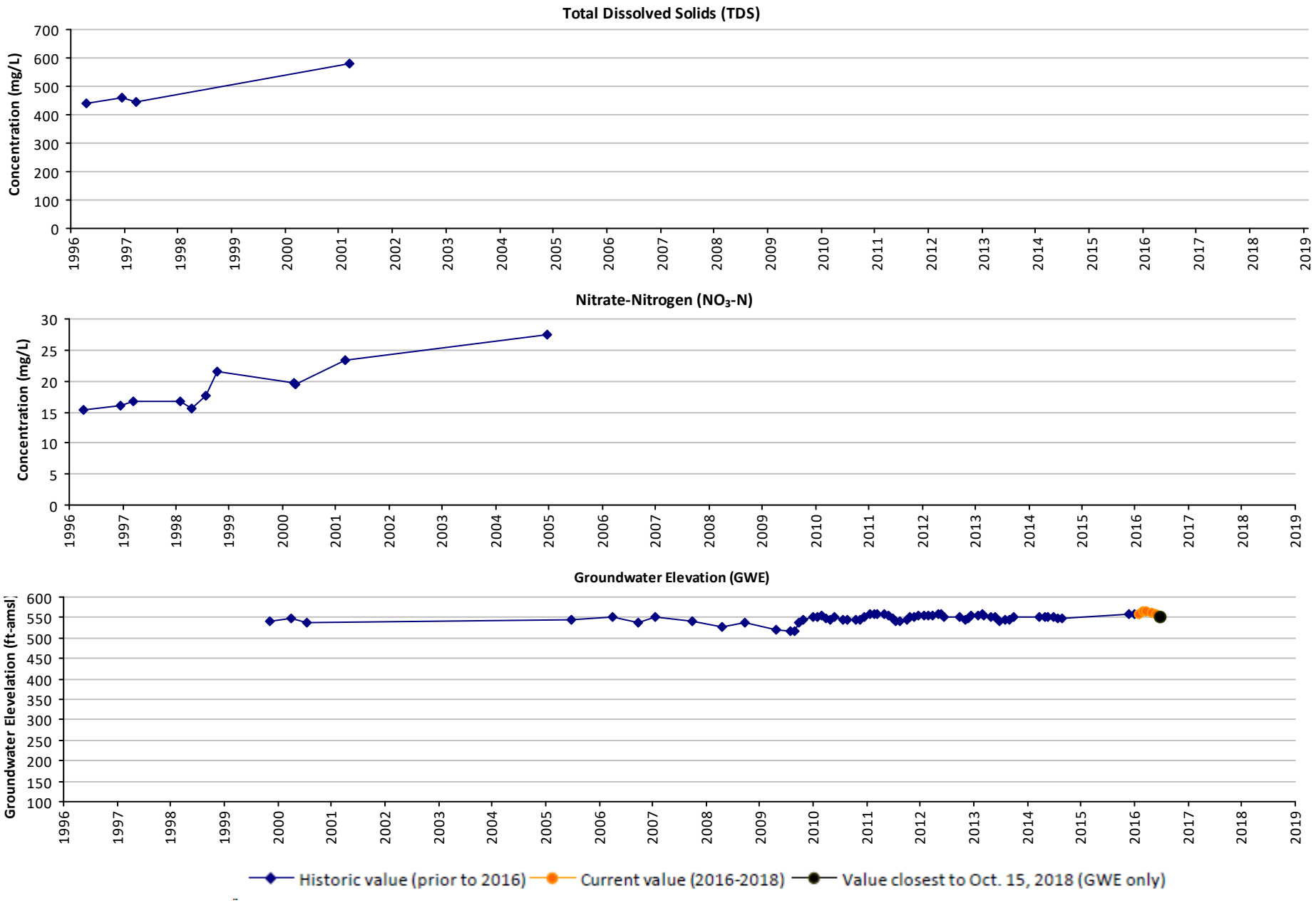
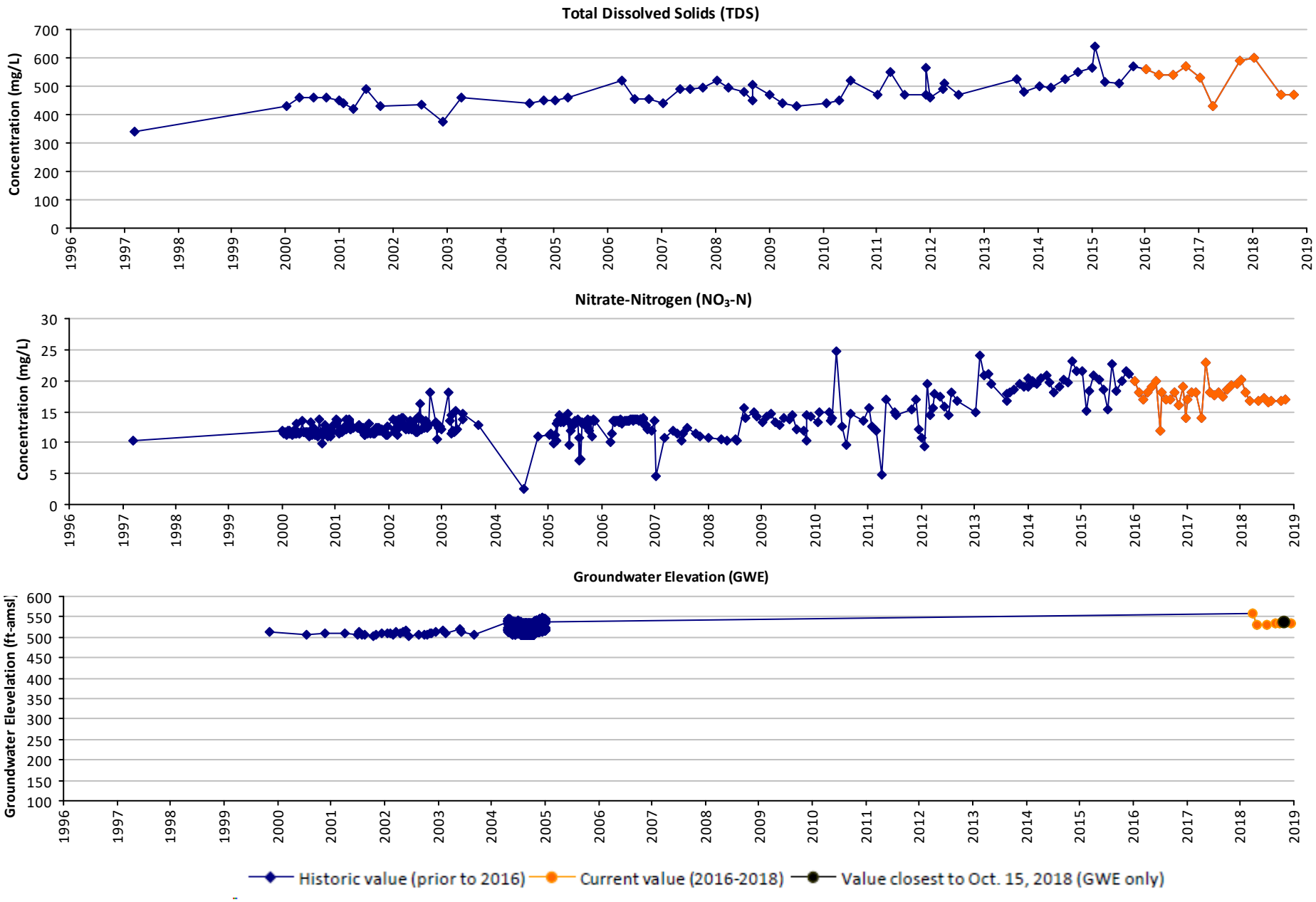
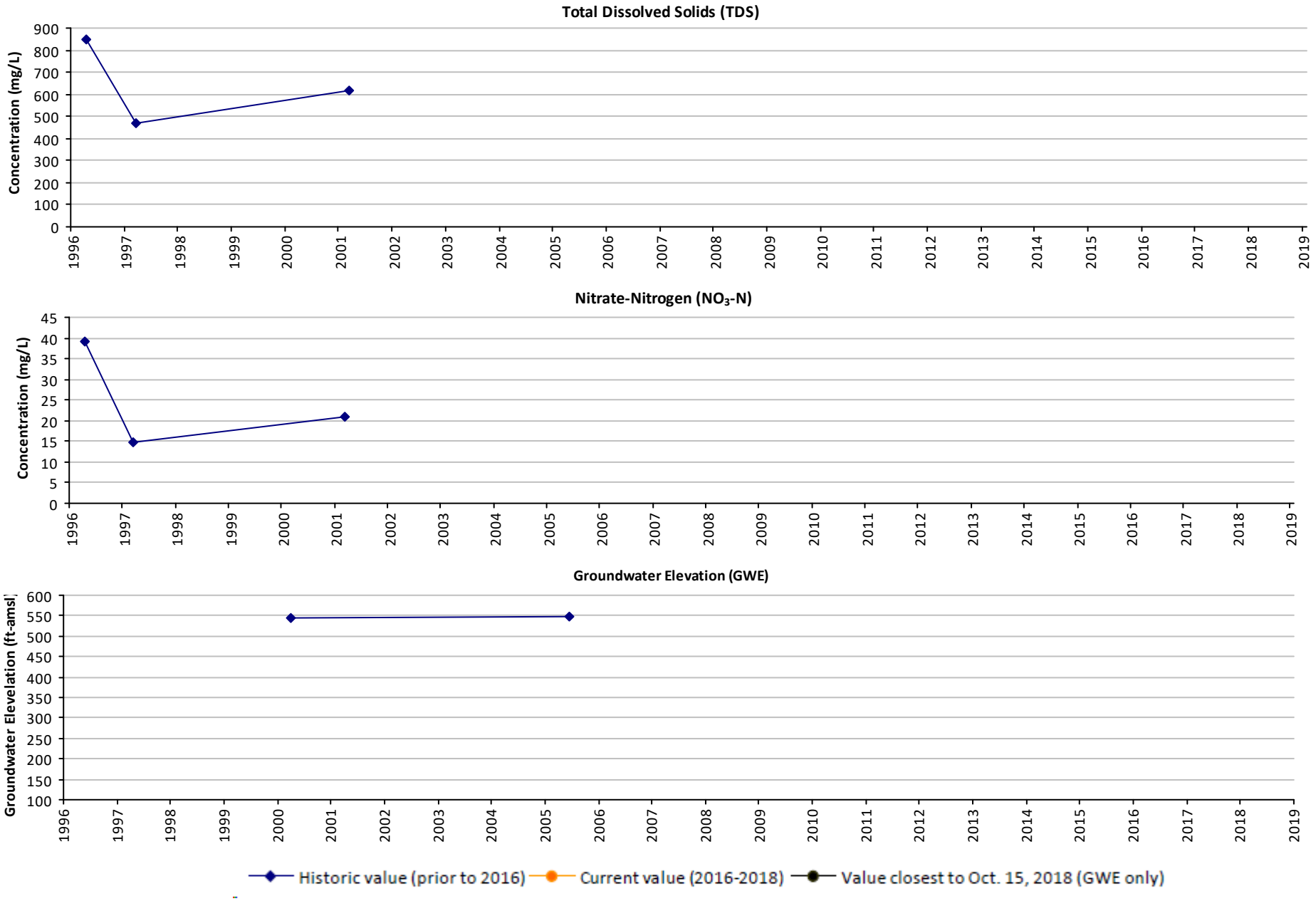
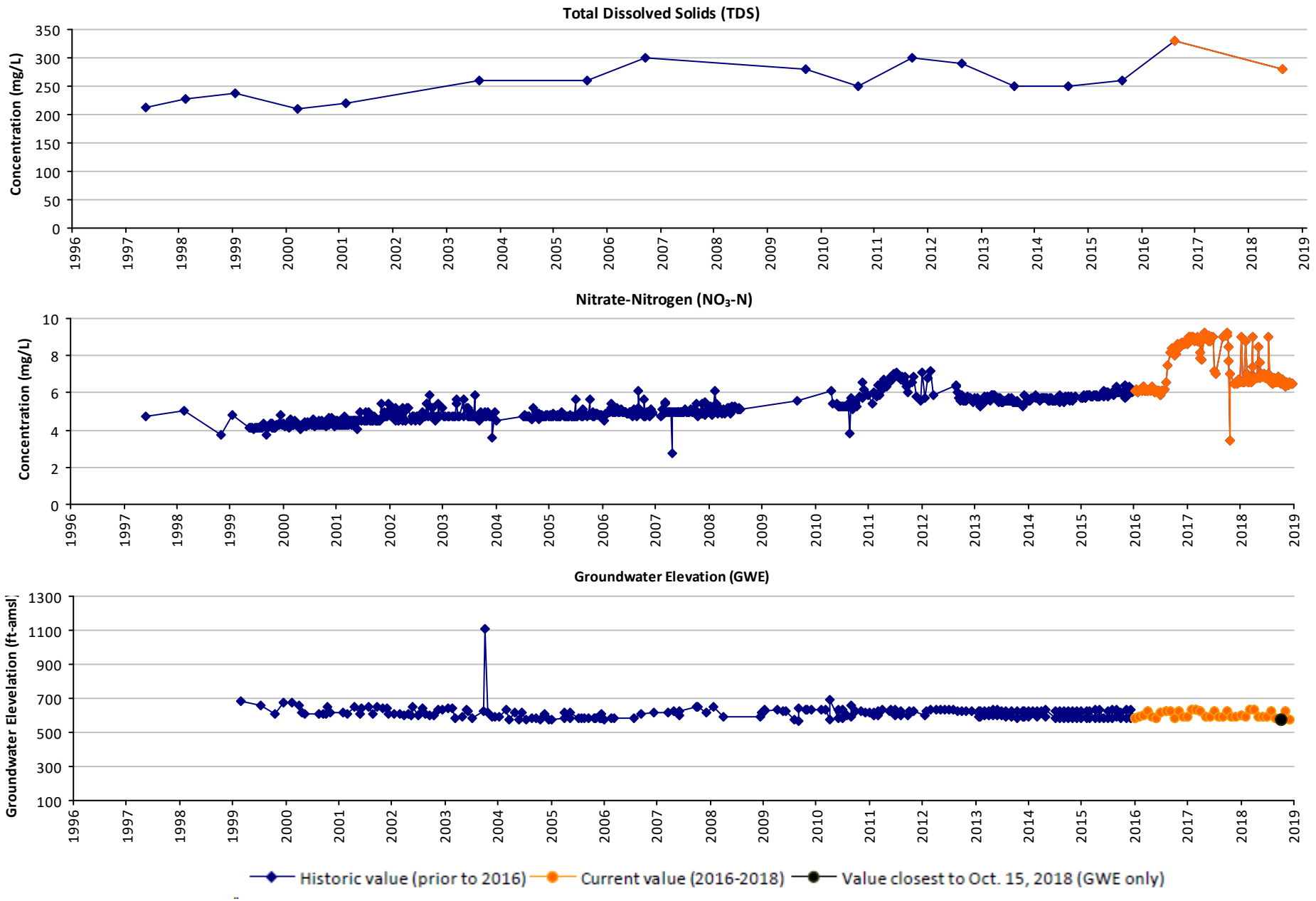
2016
2017
2018
2019

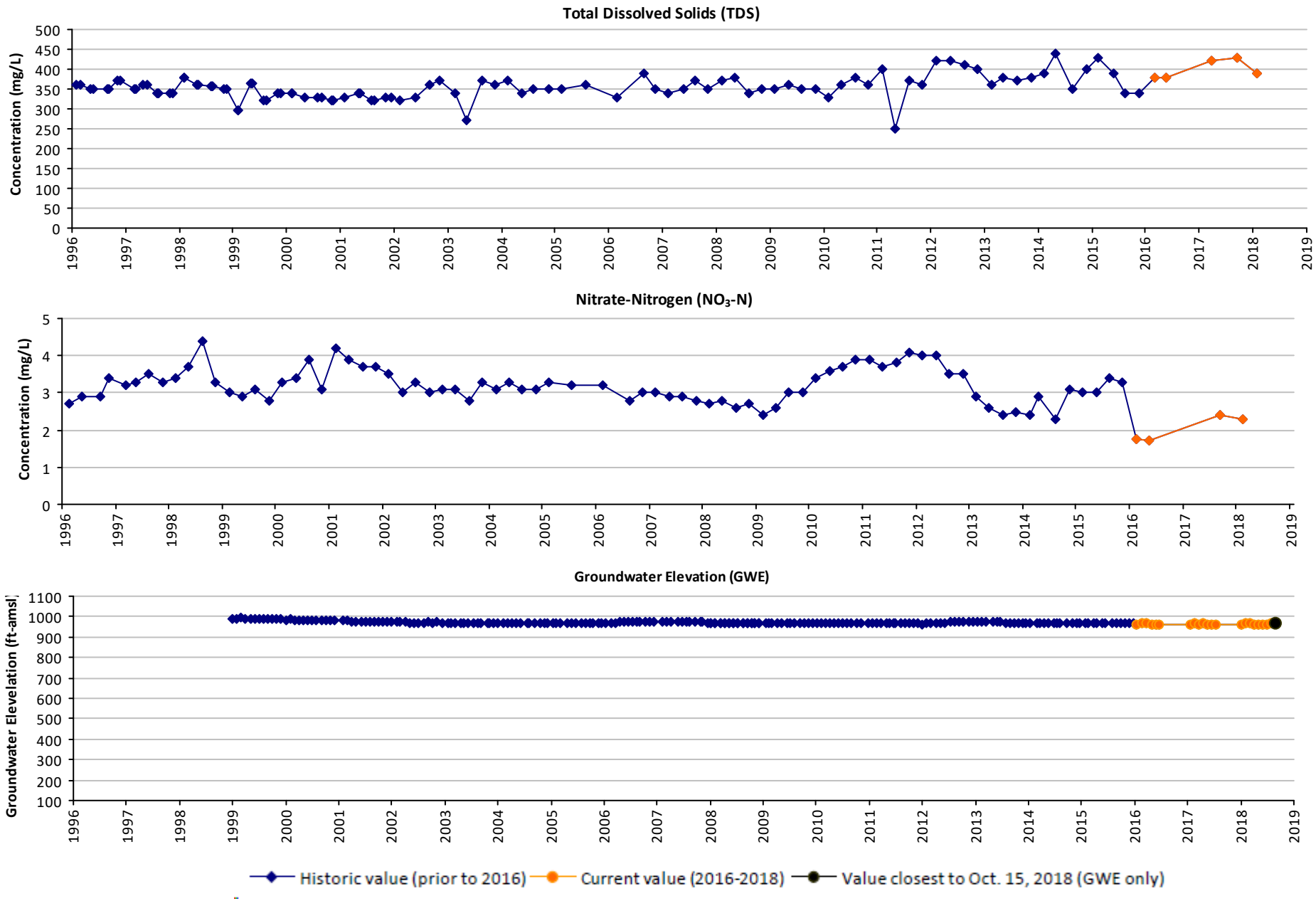

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

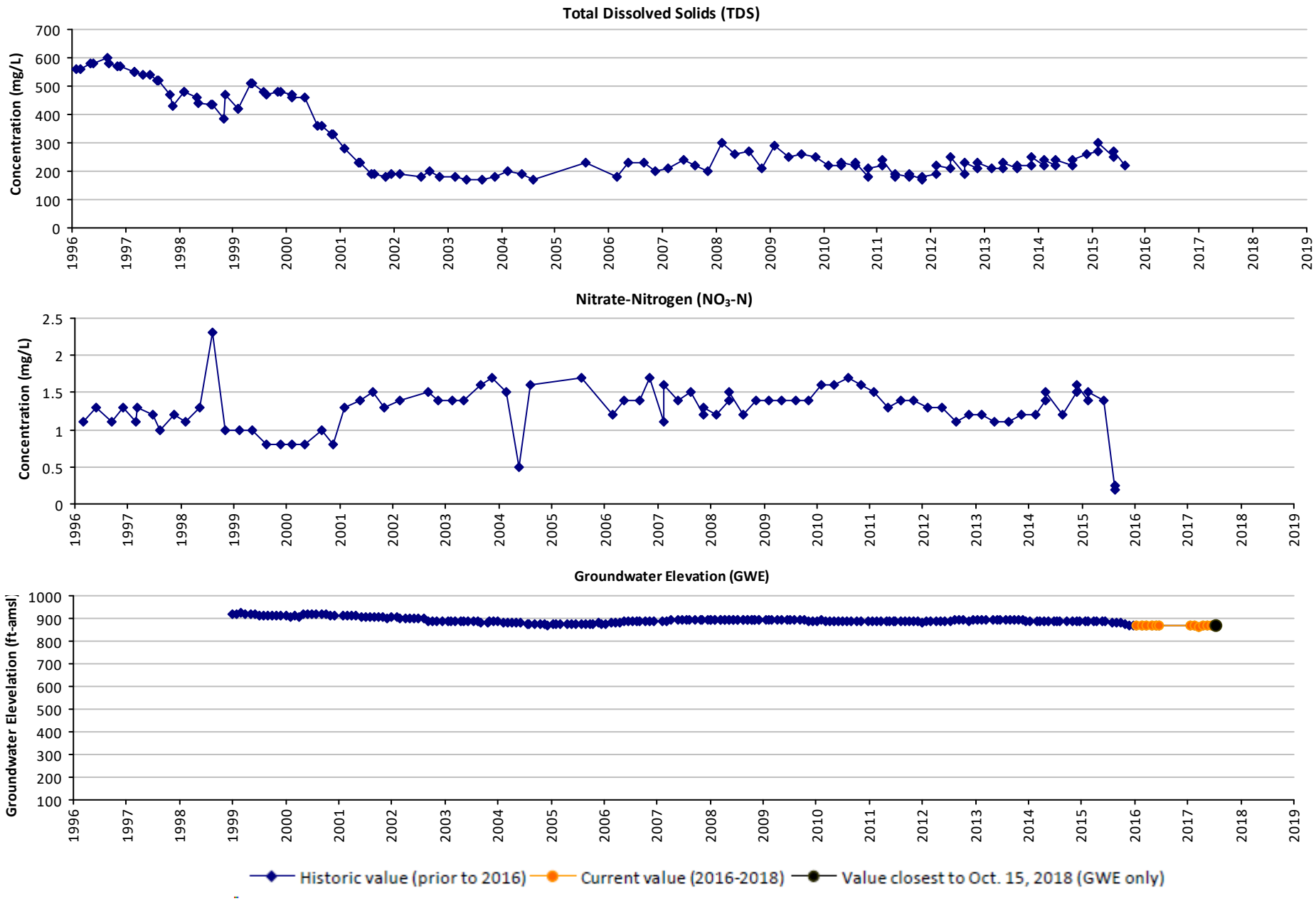

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

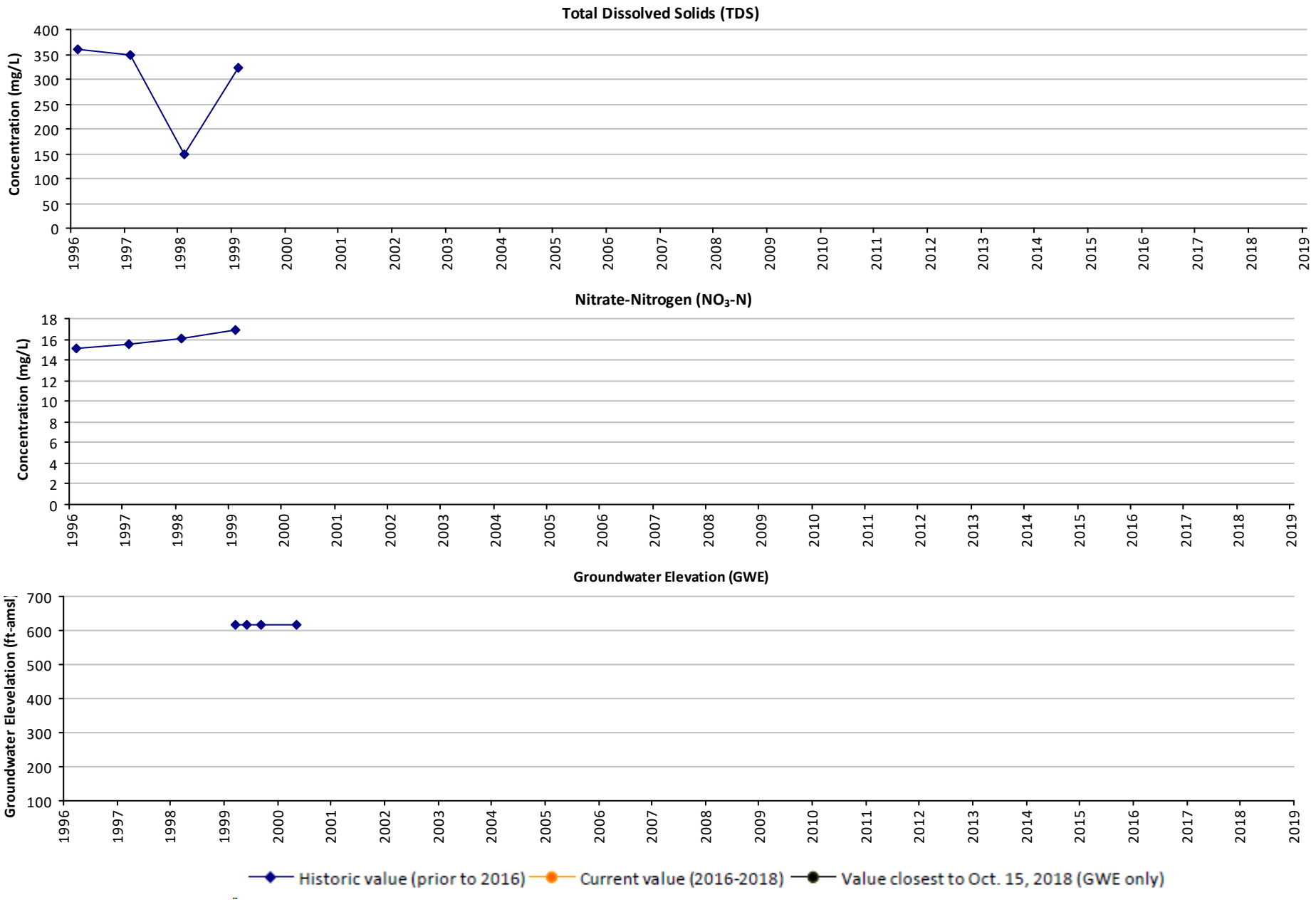

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

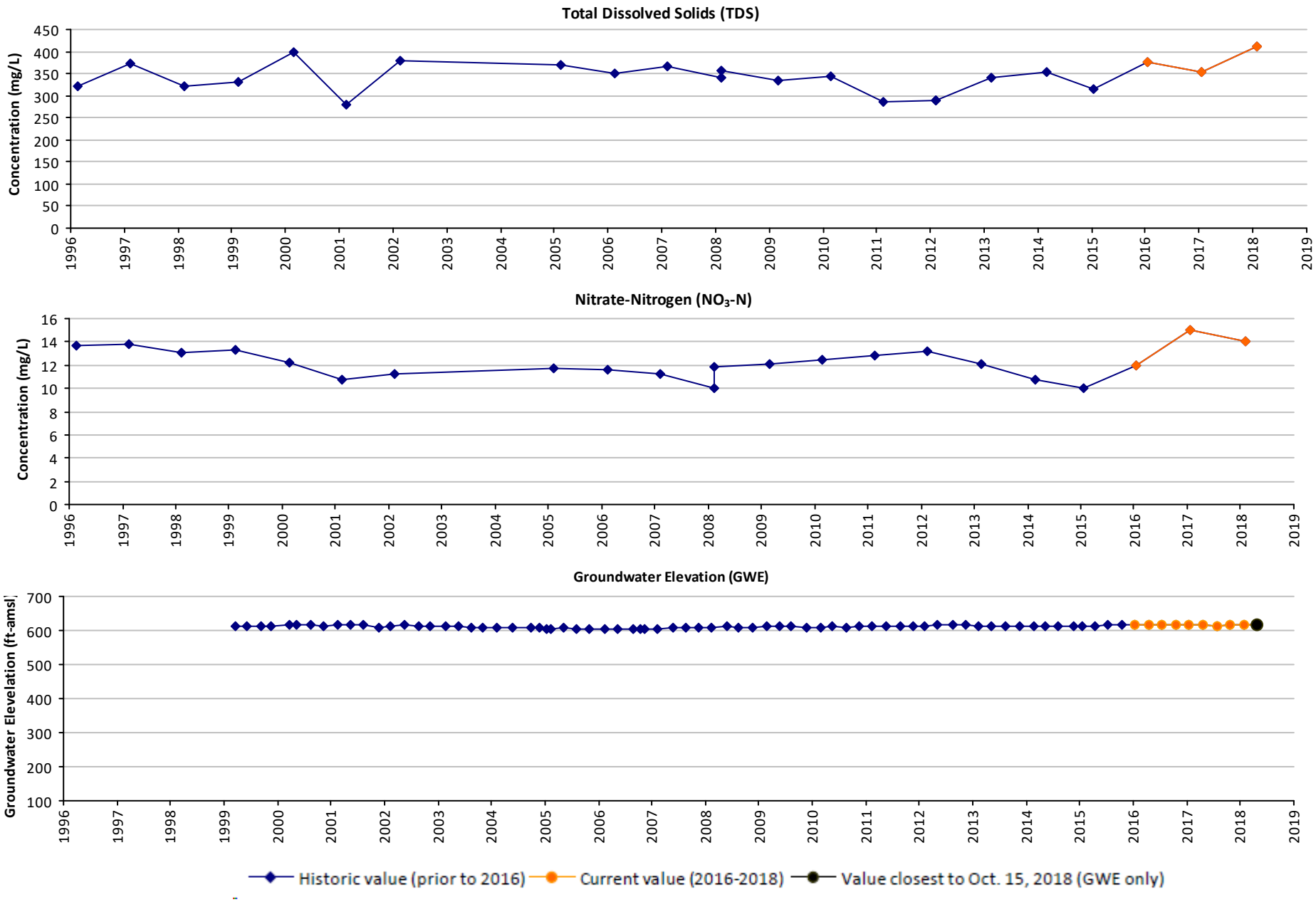

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

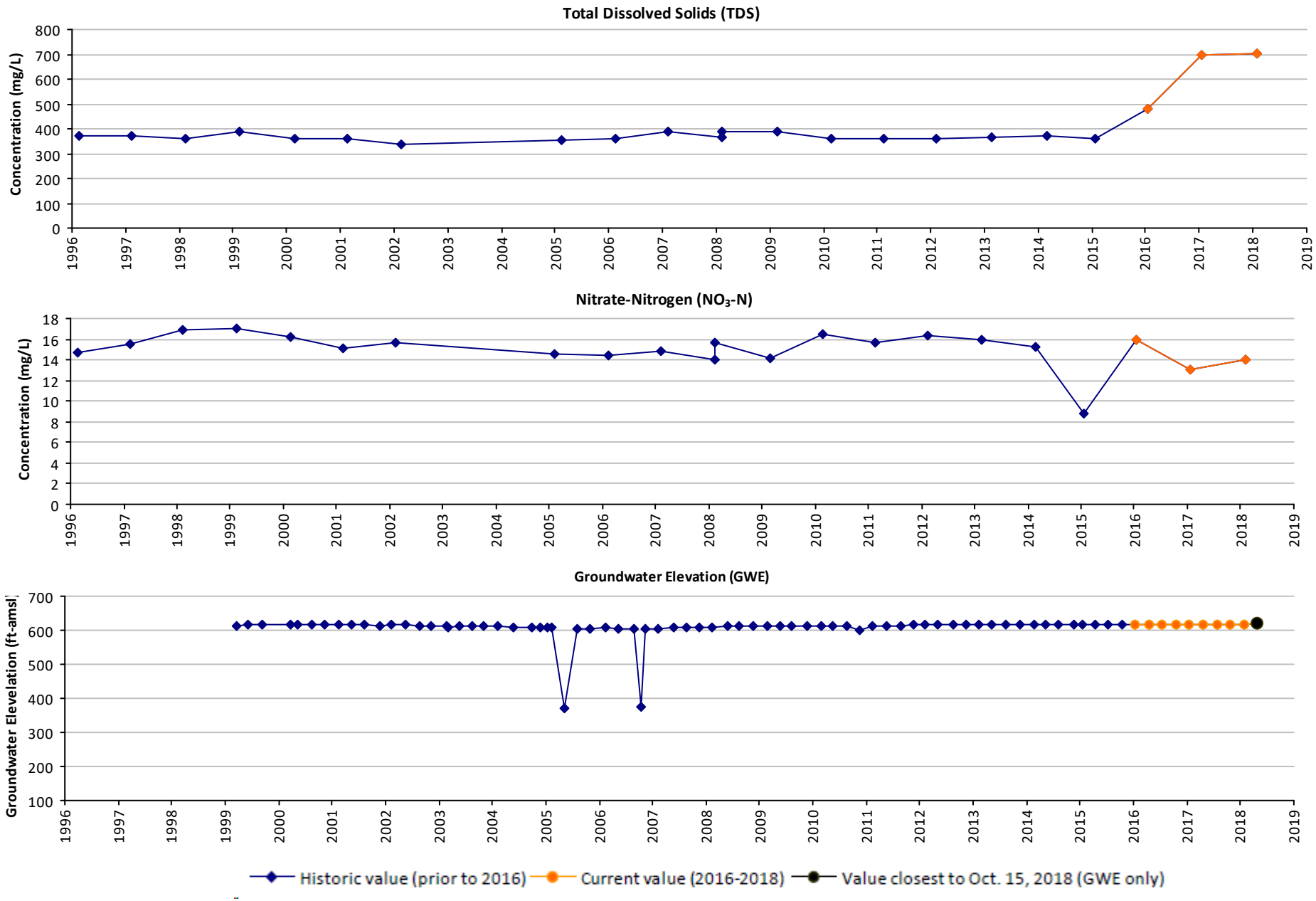

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
300
500
700
900
1100
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

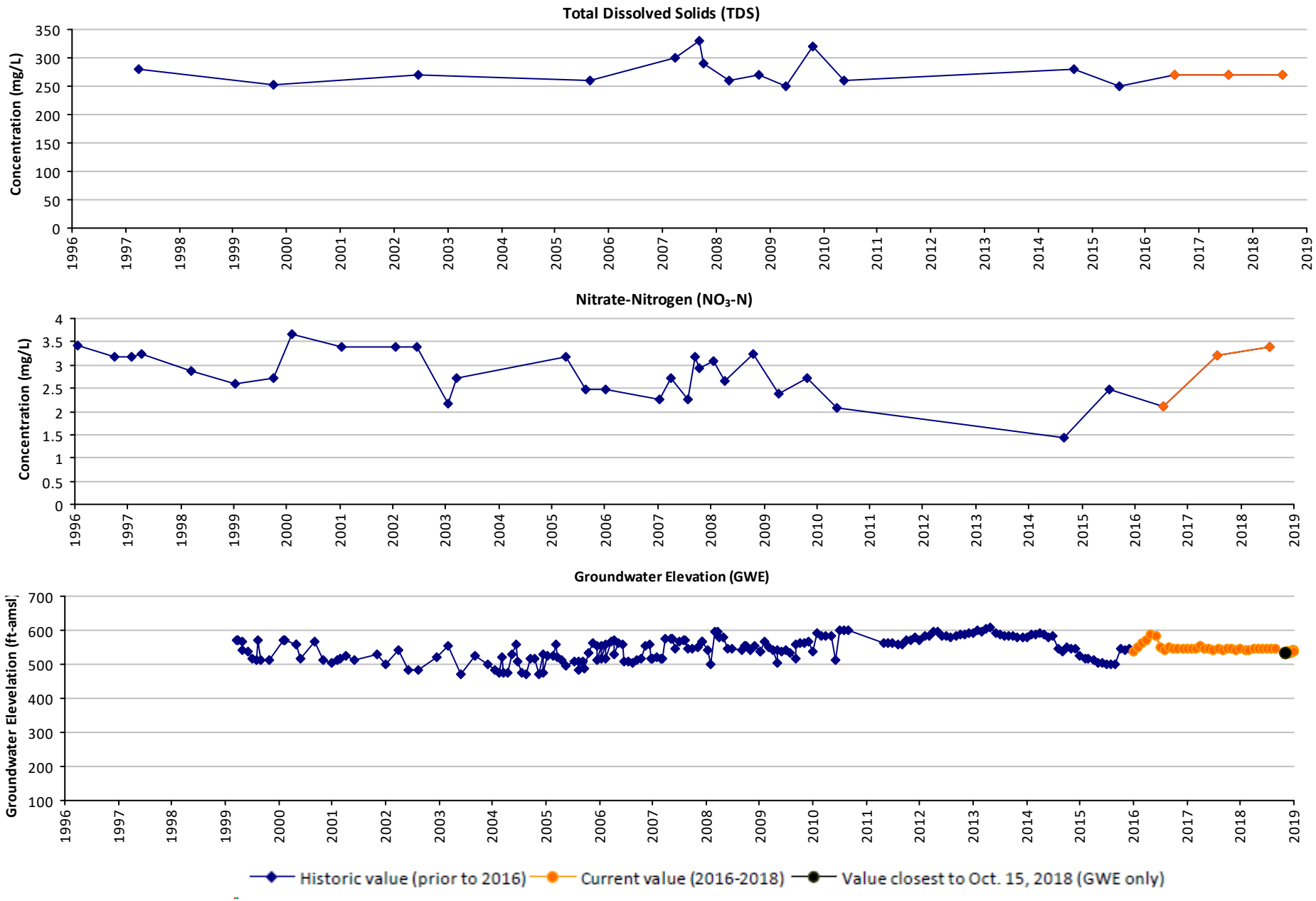

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

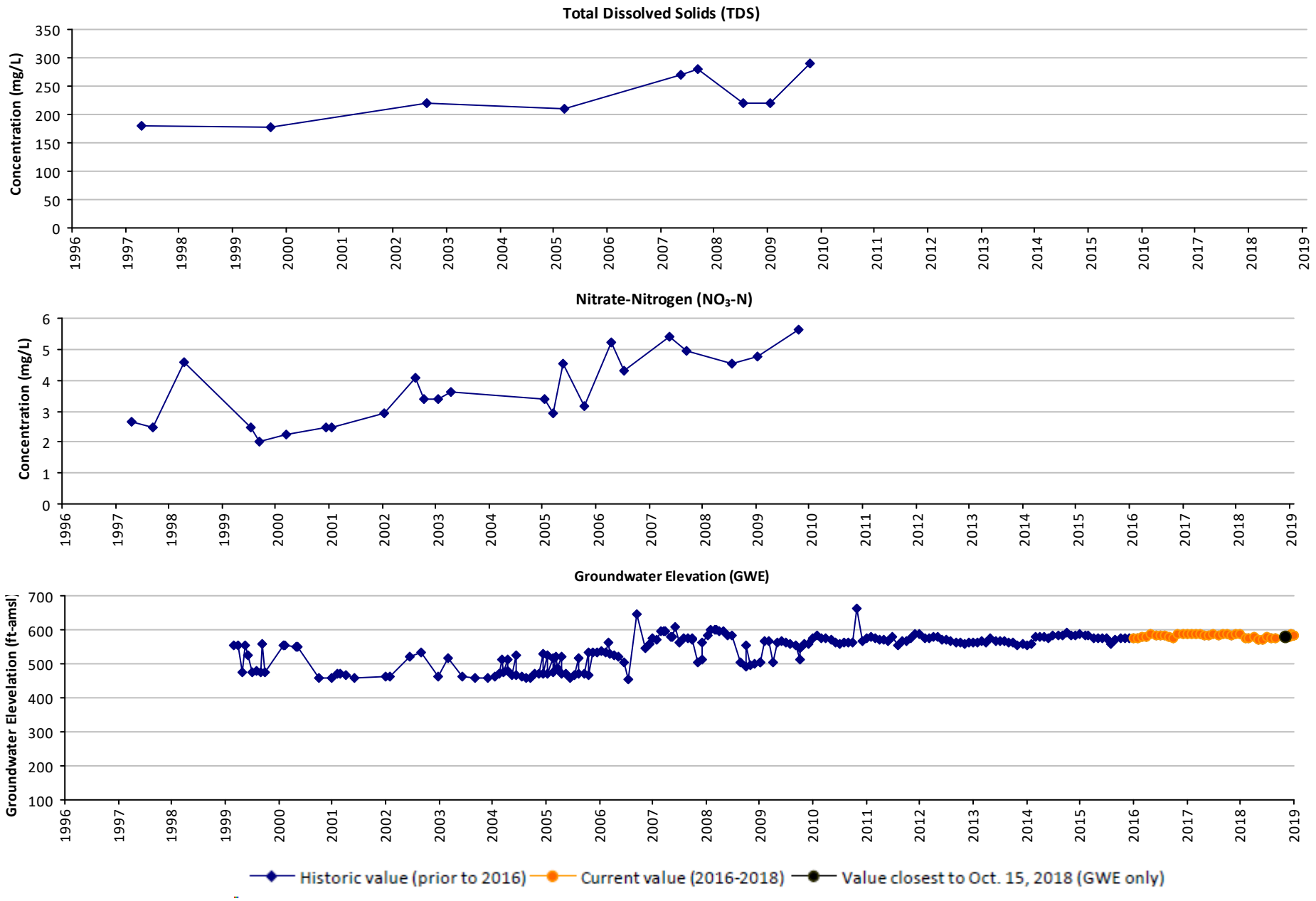

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

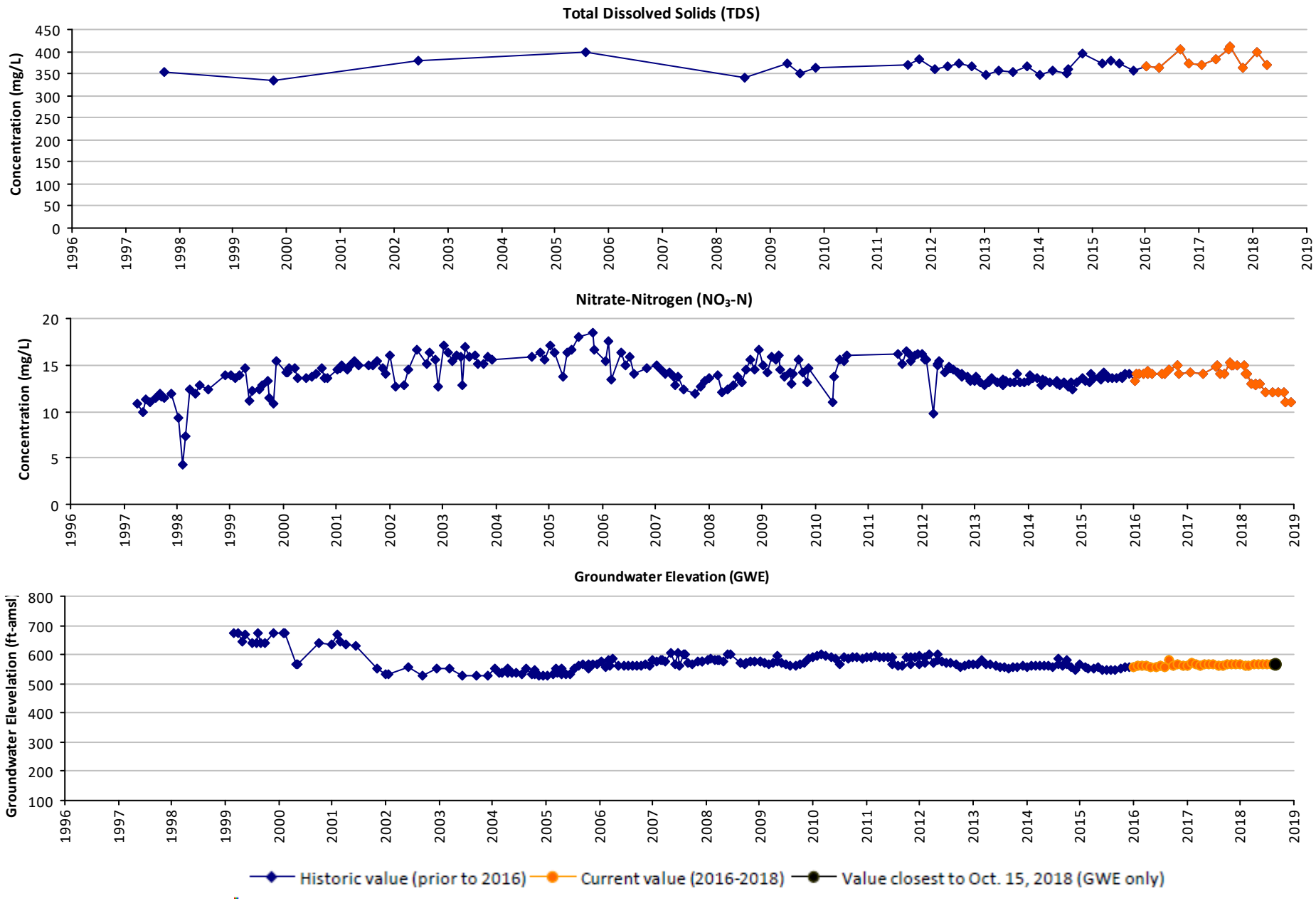

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

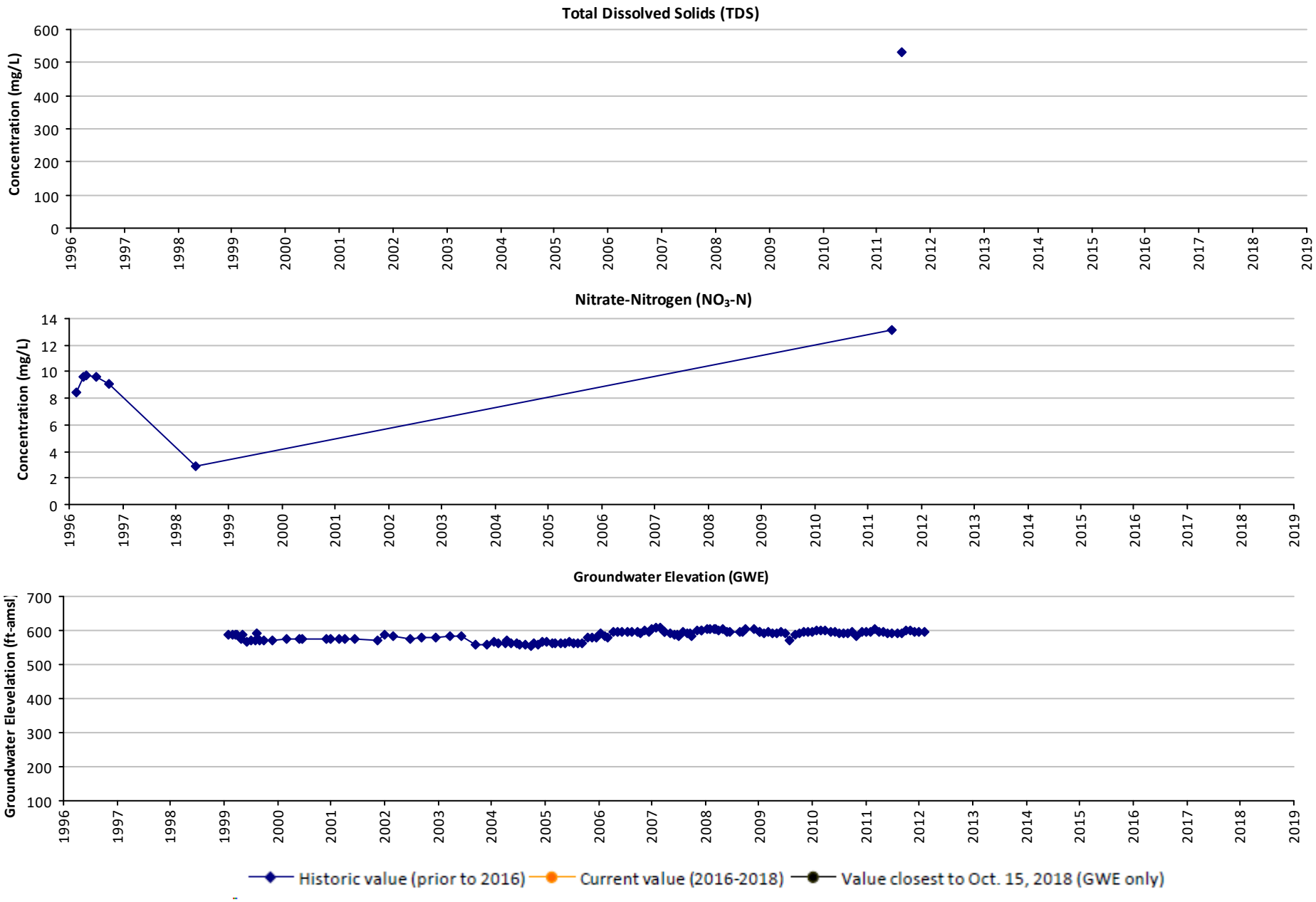

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

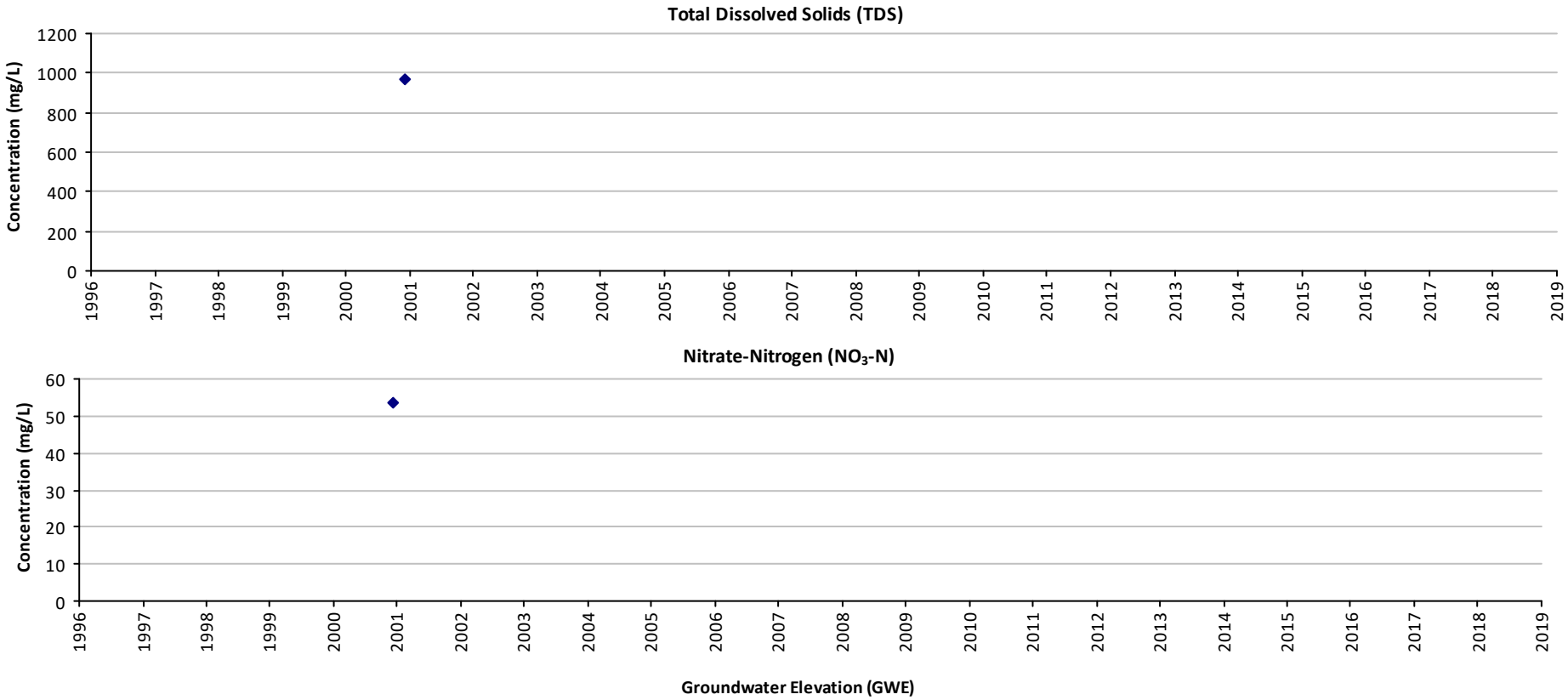

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

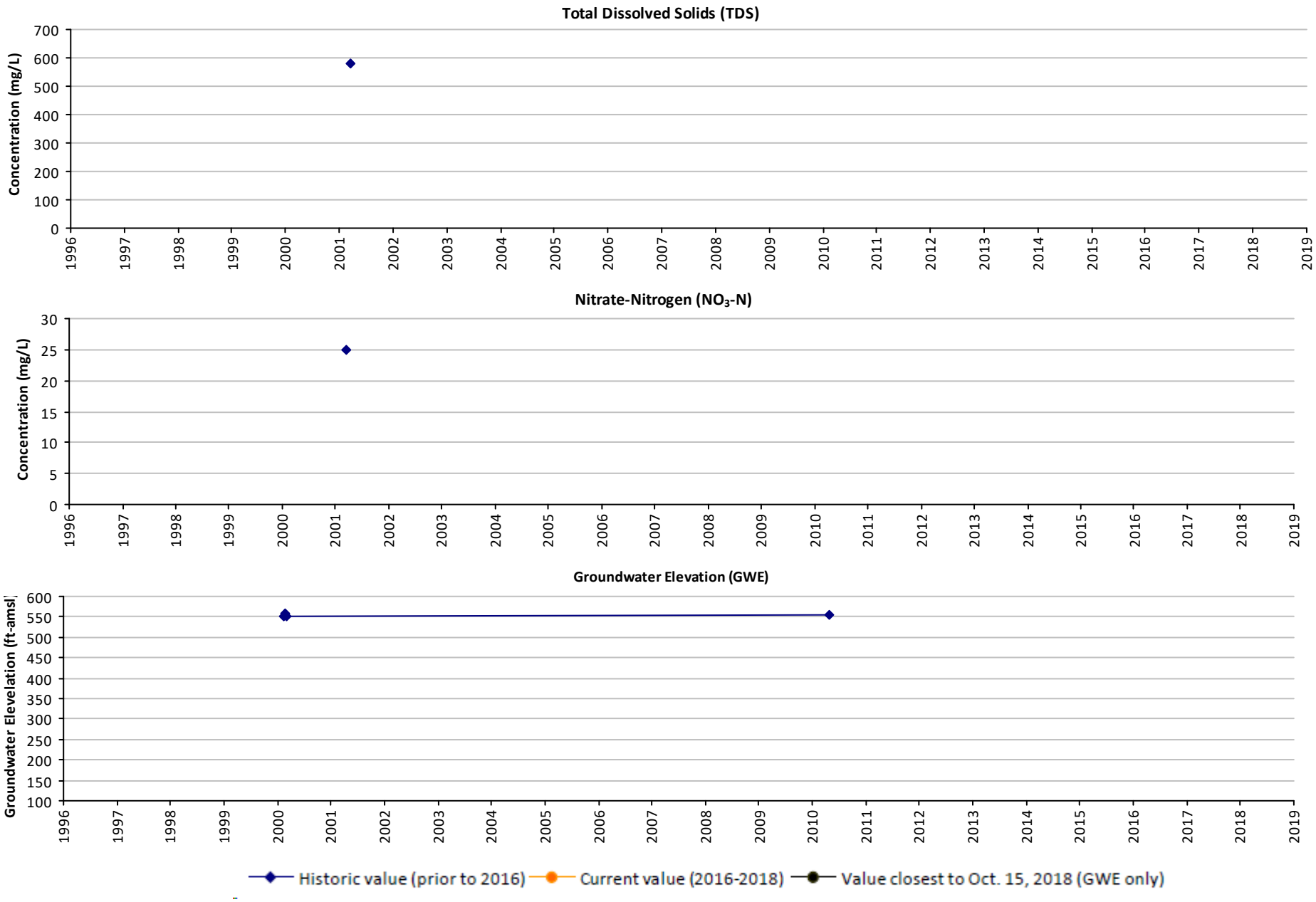

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

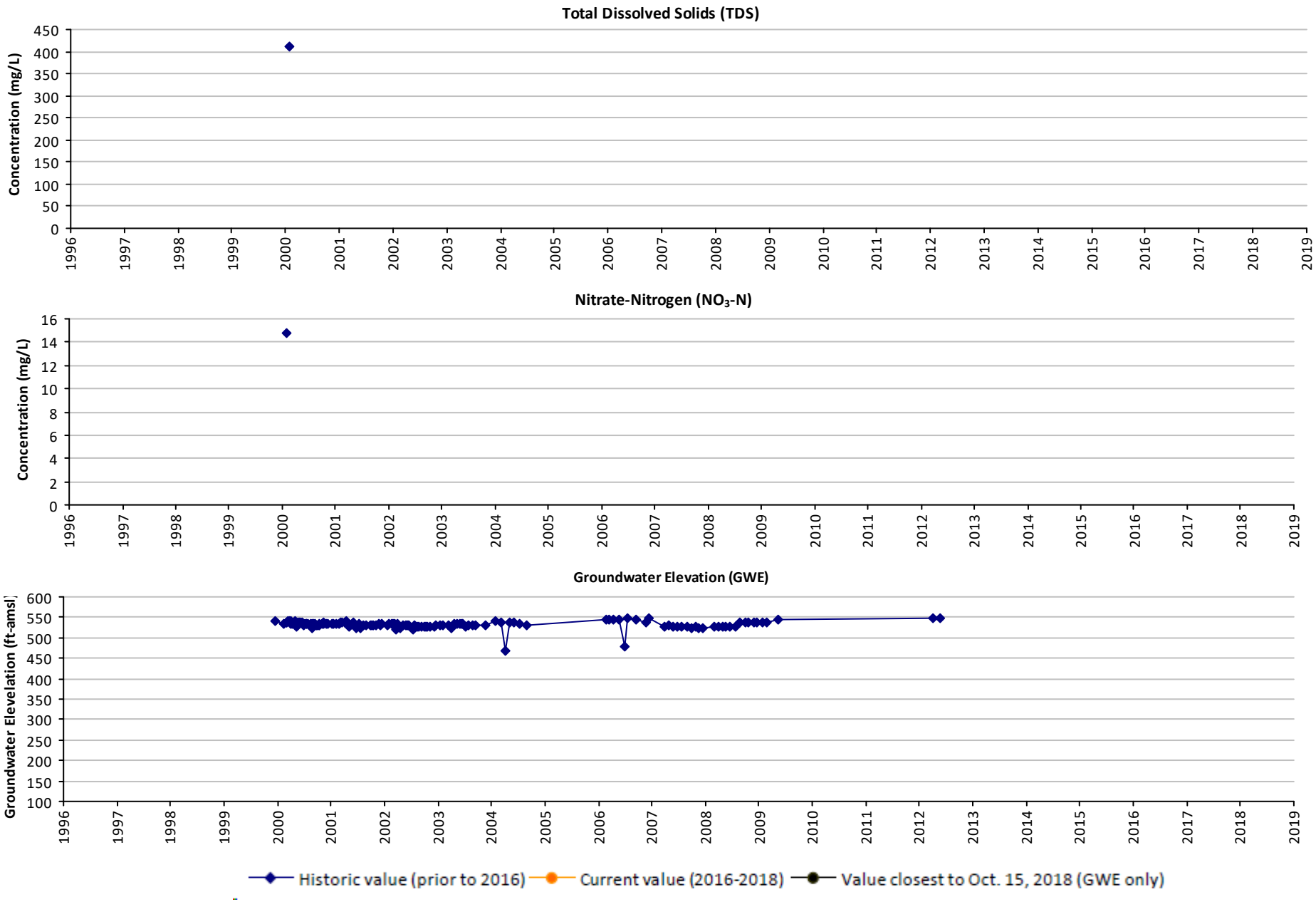

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

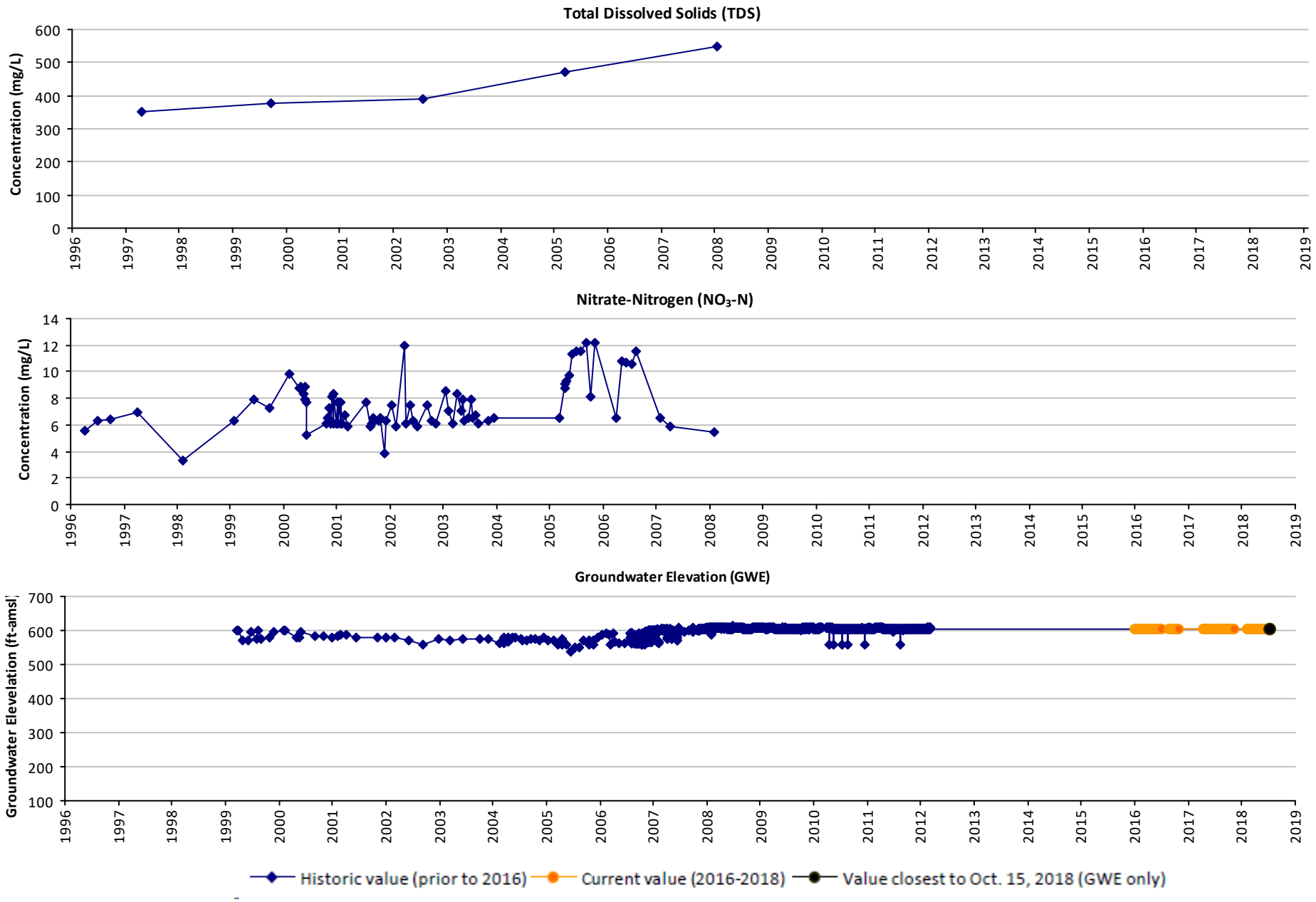

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

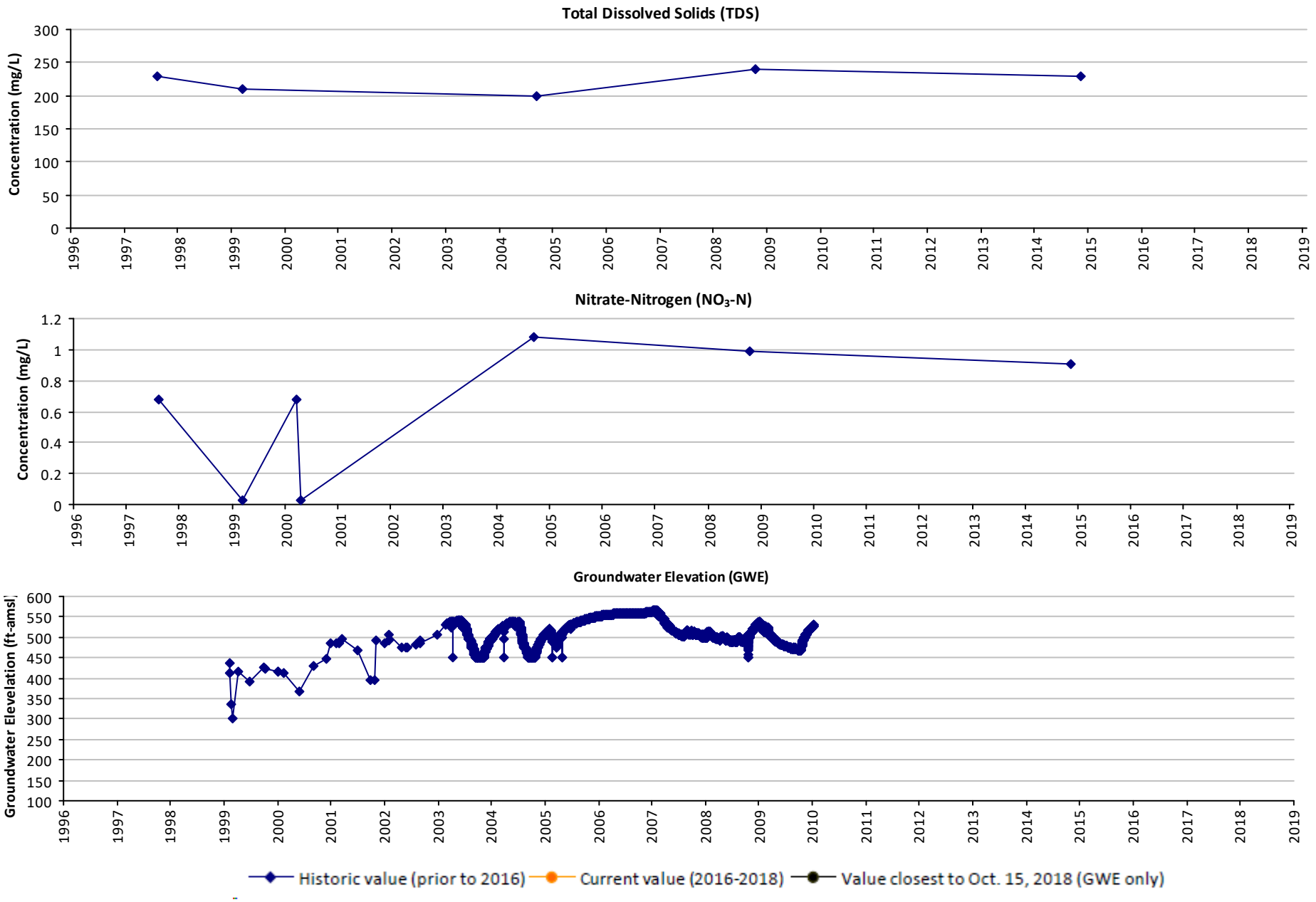

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

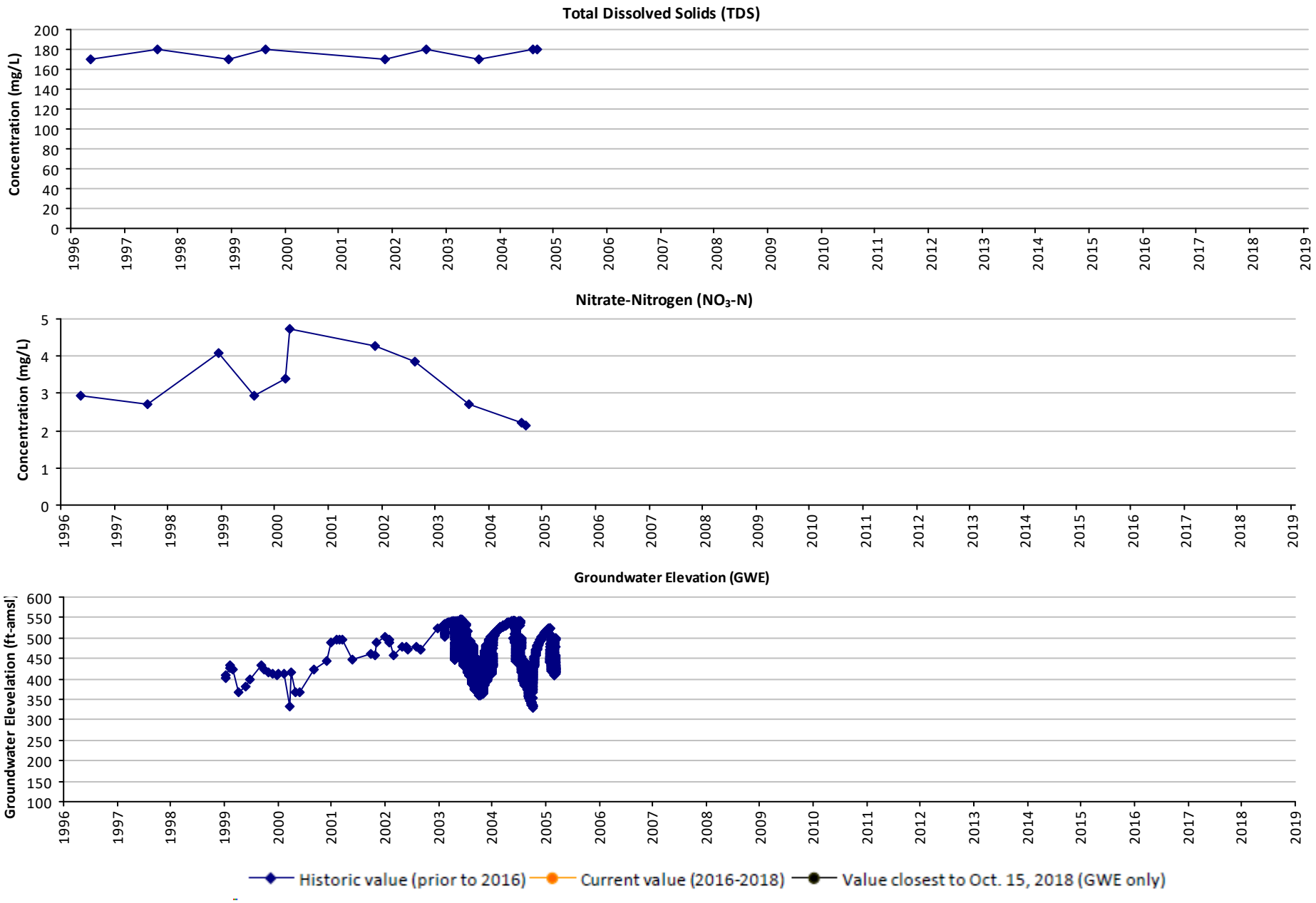

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

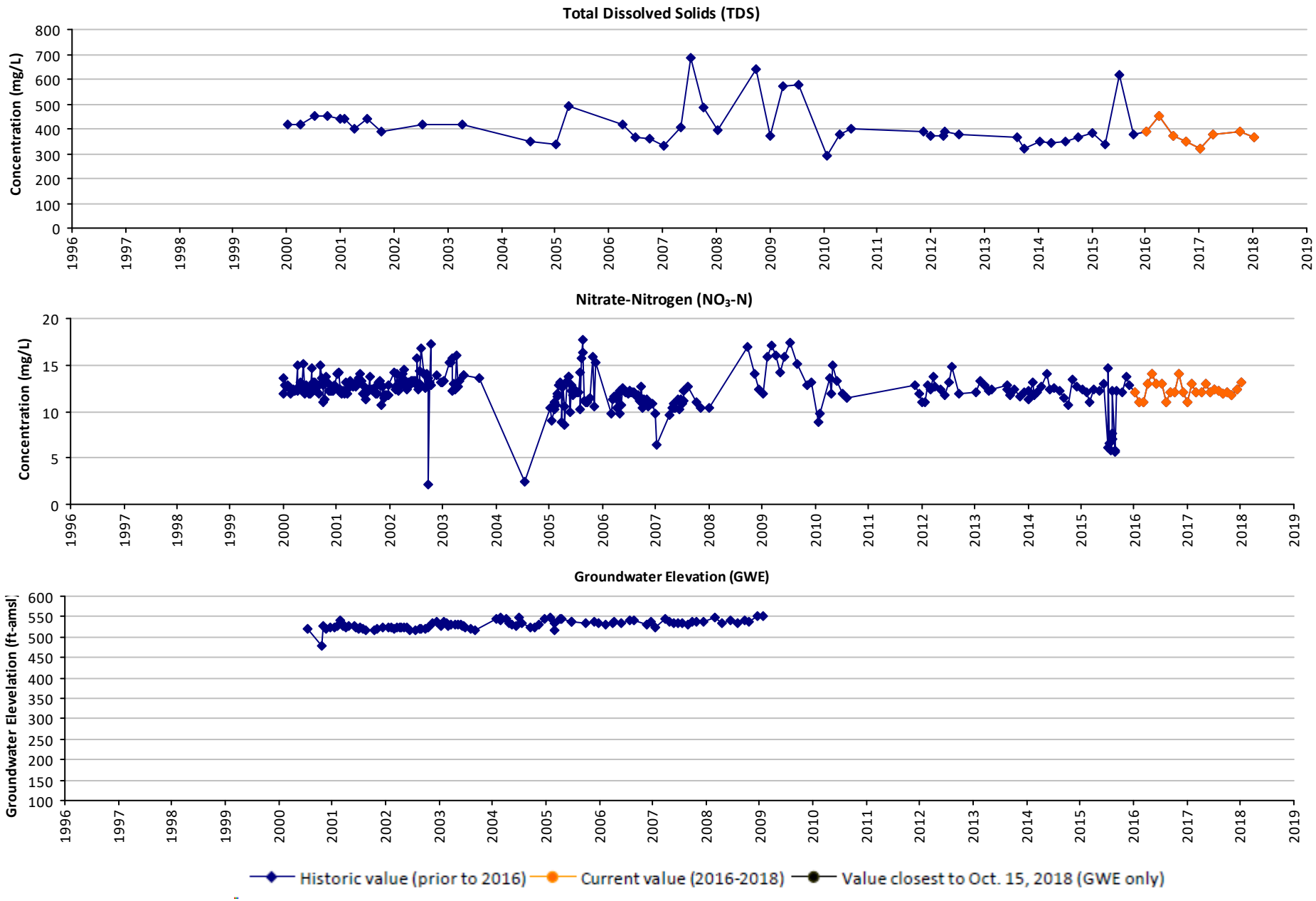

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

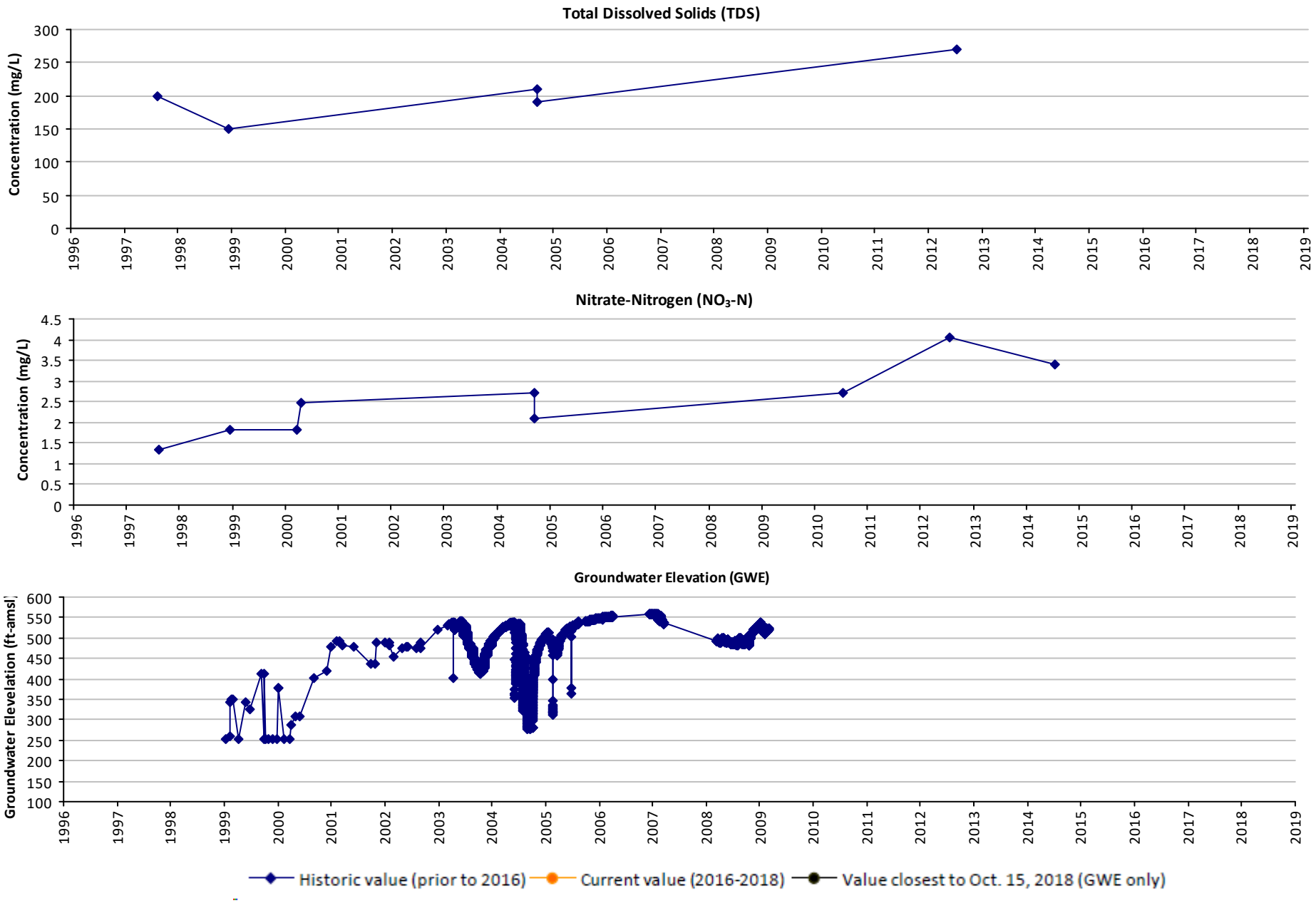

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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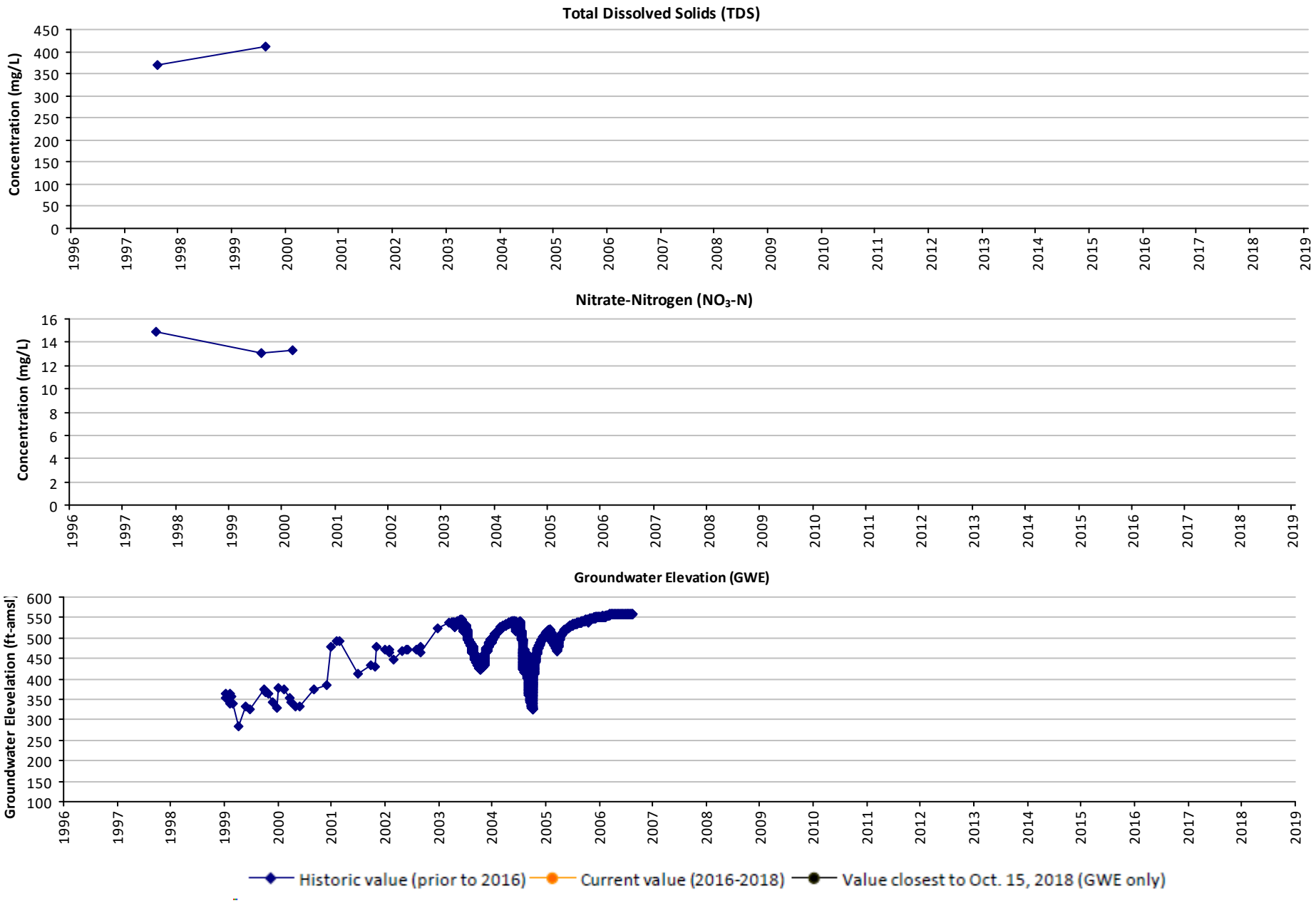
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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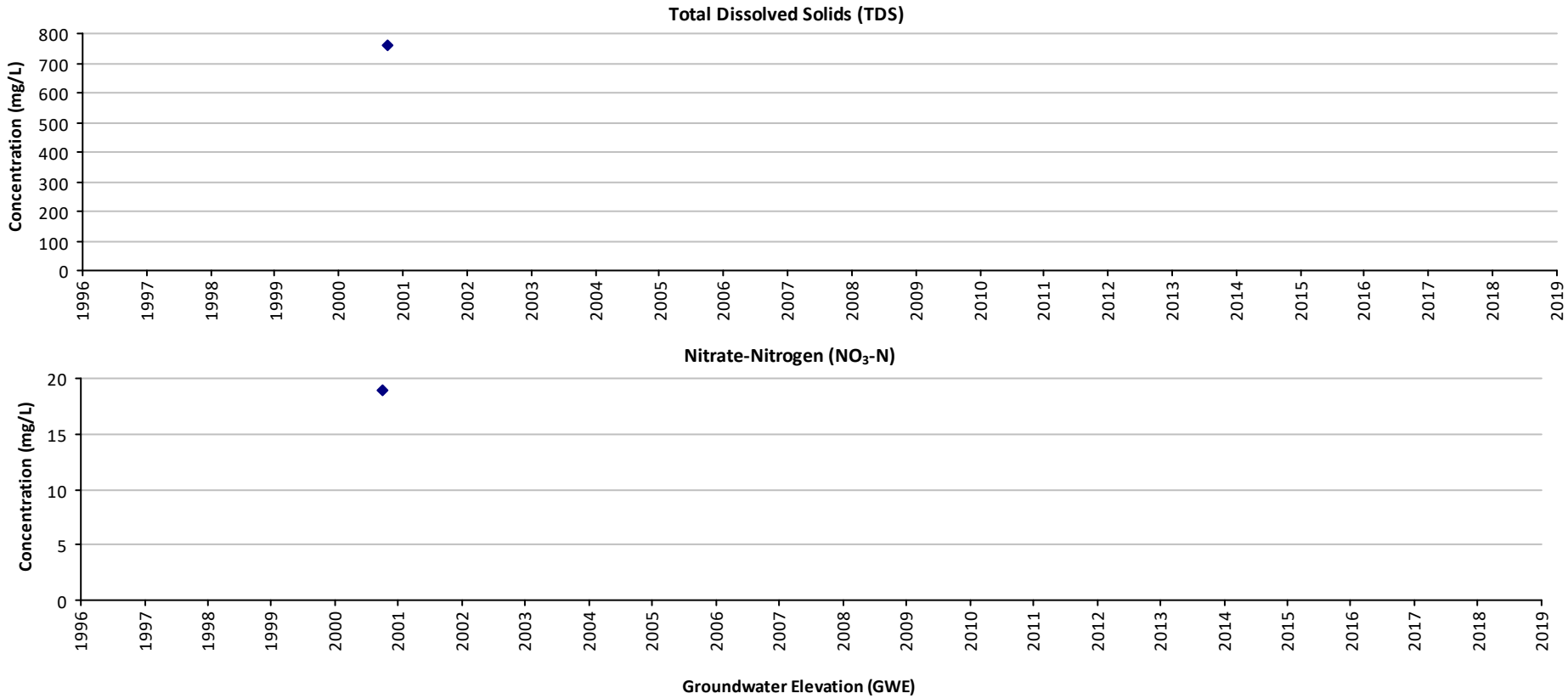
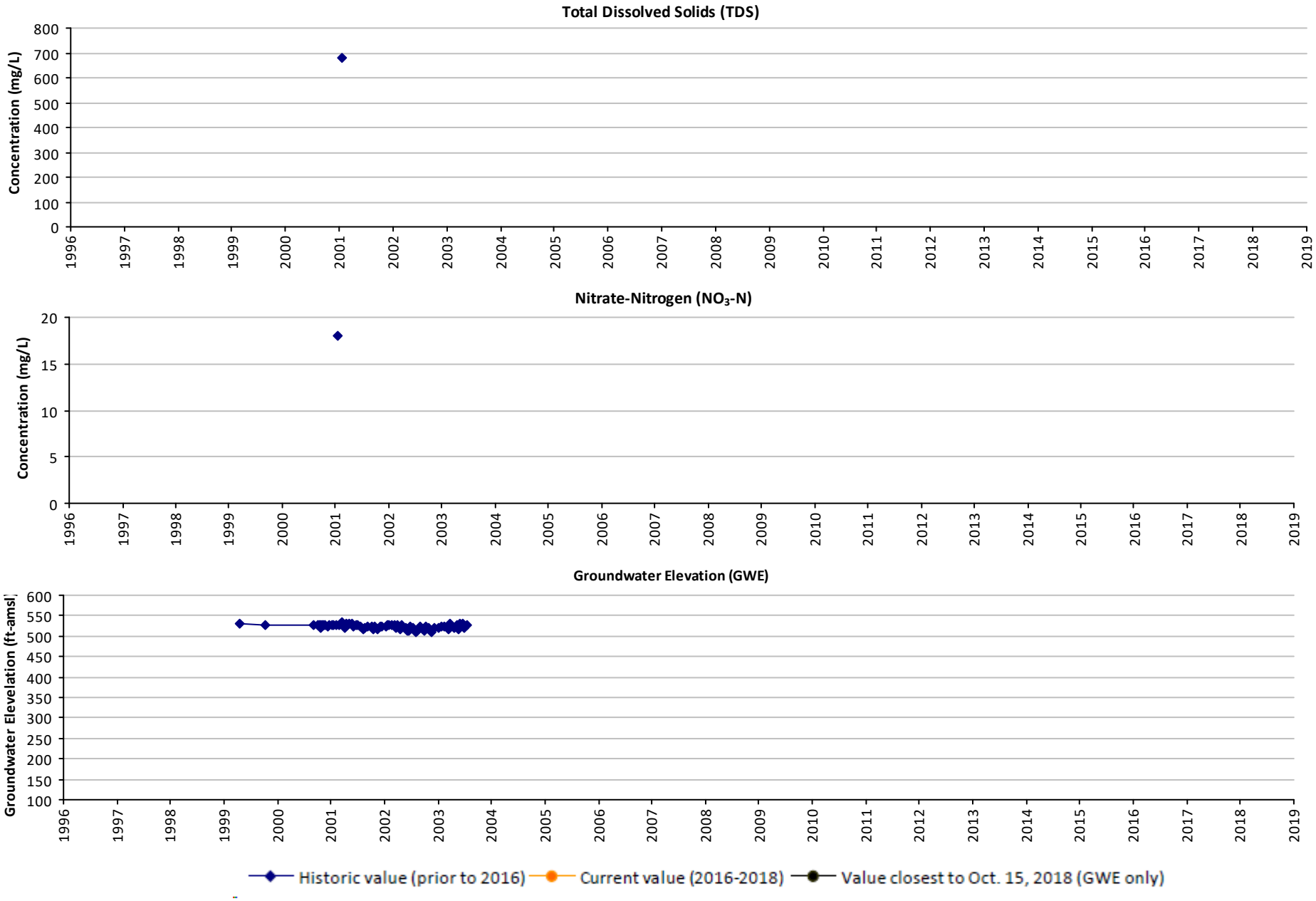
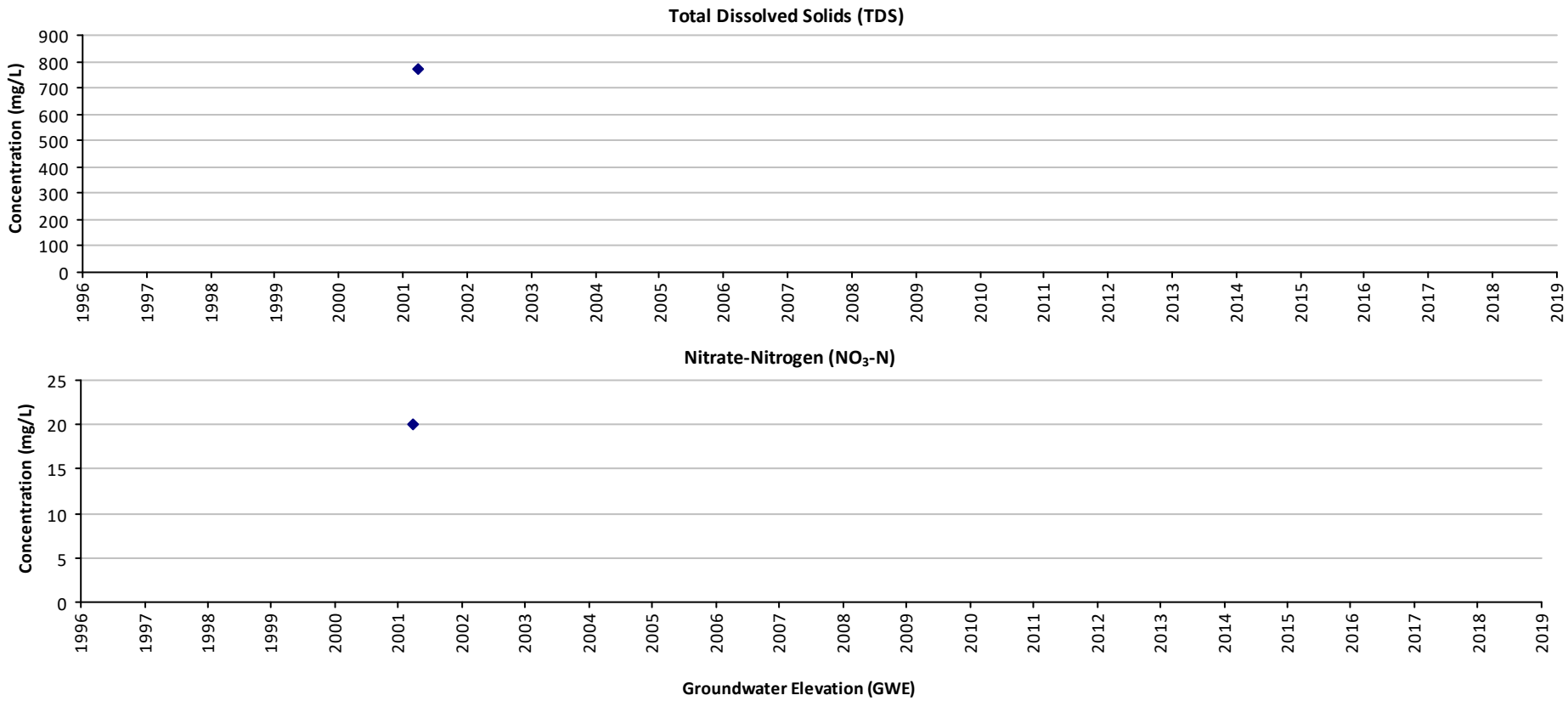
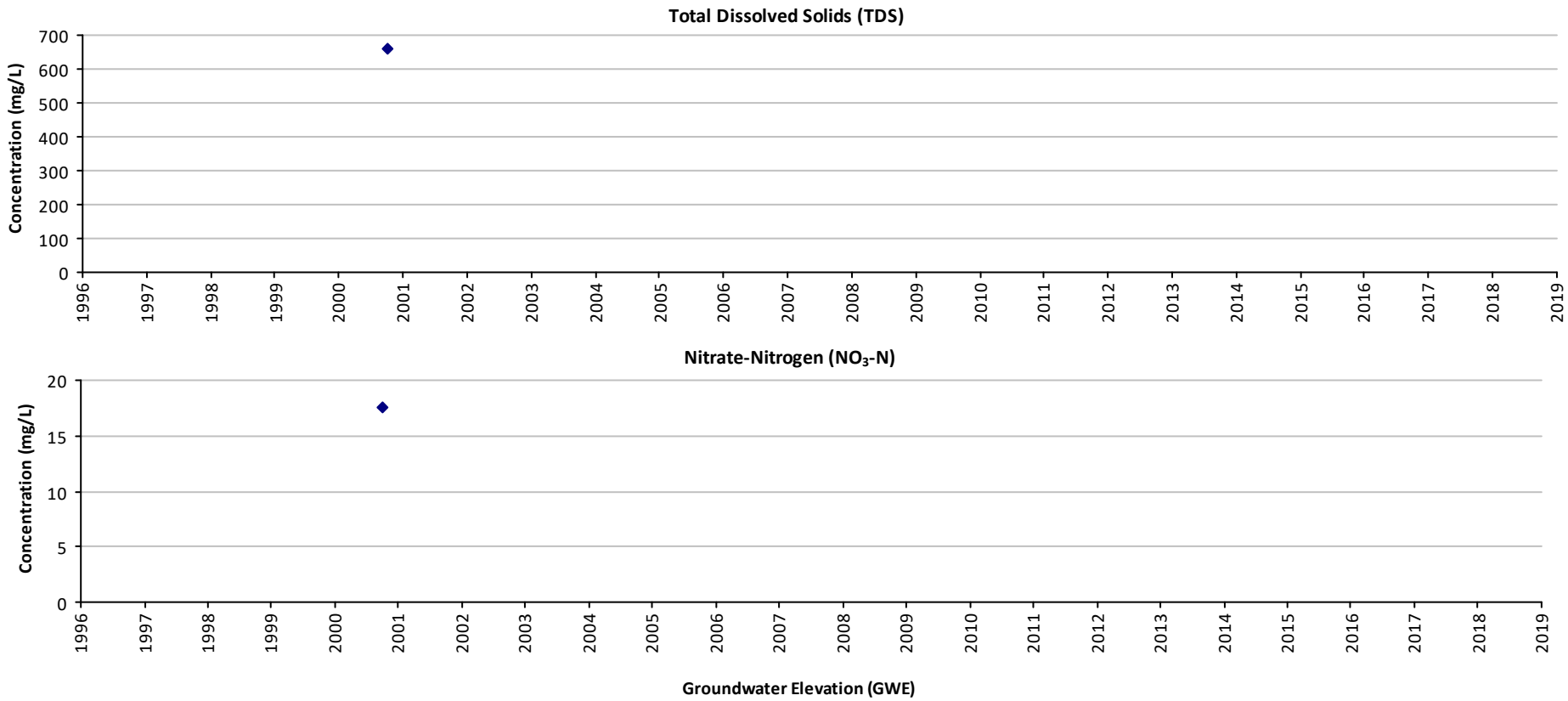
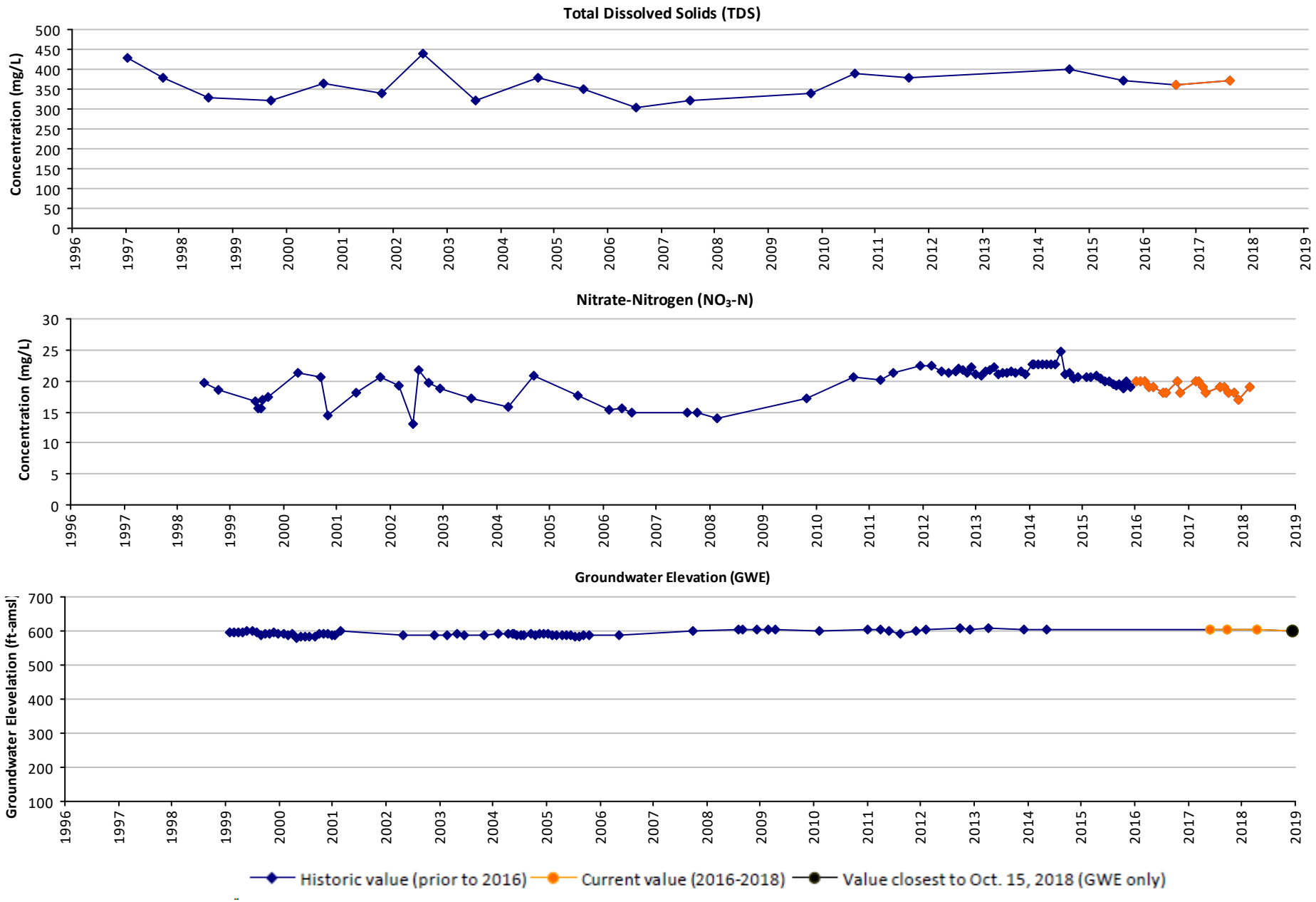

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

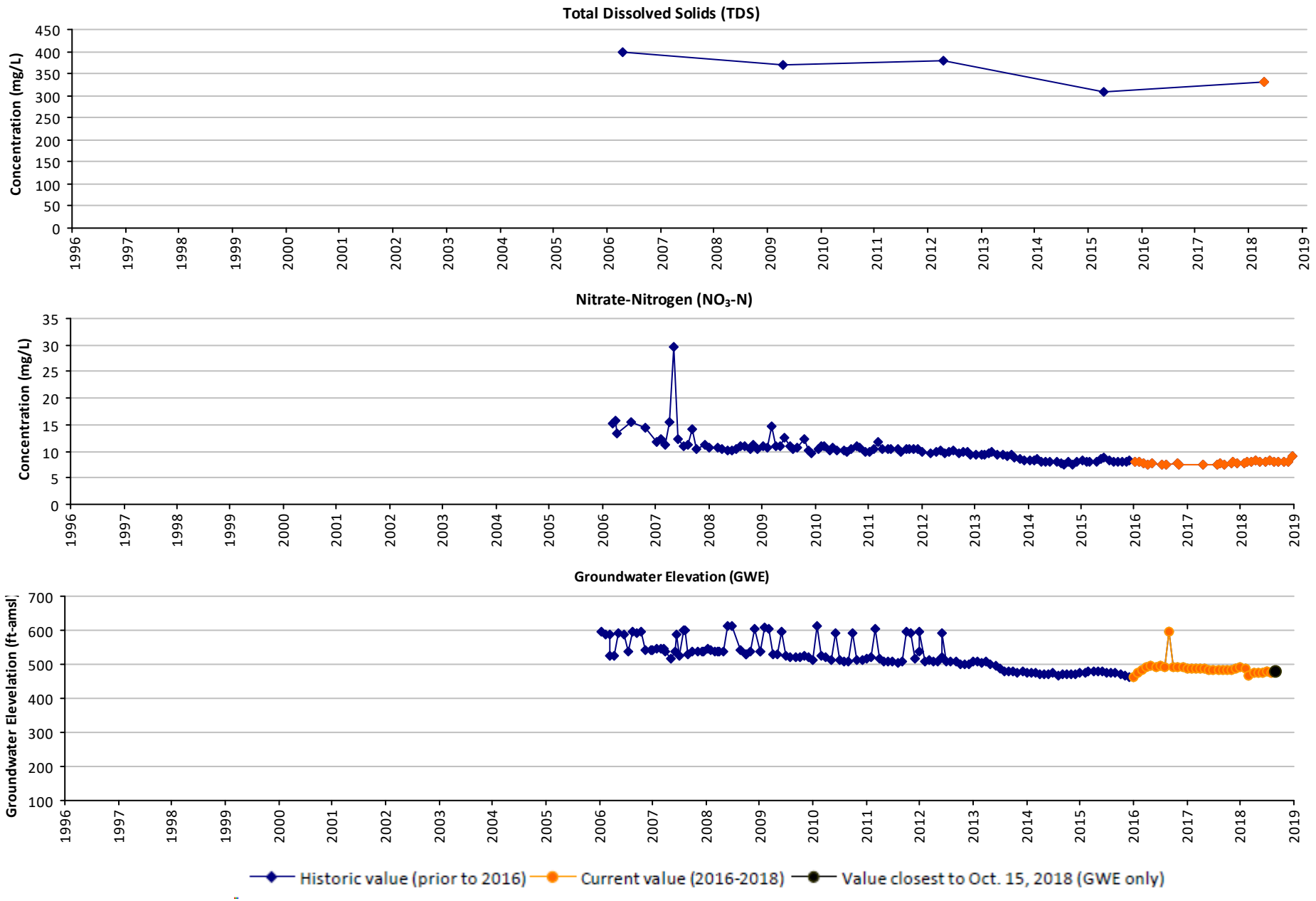

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

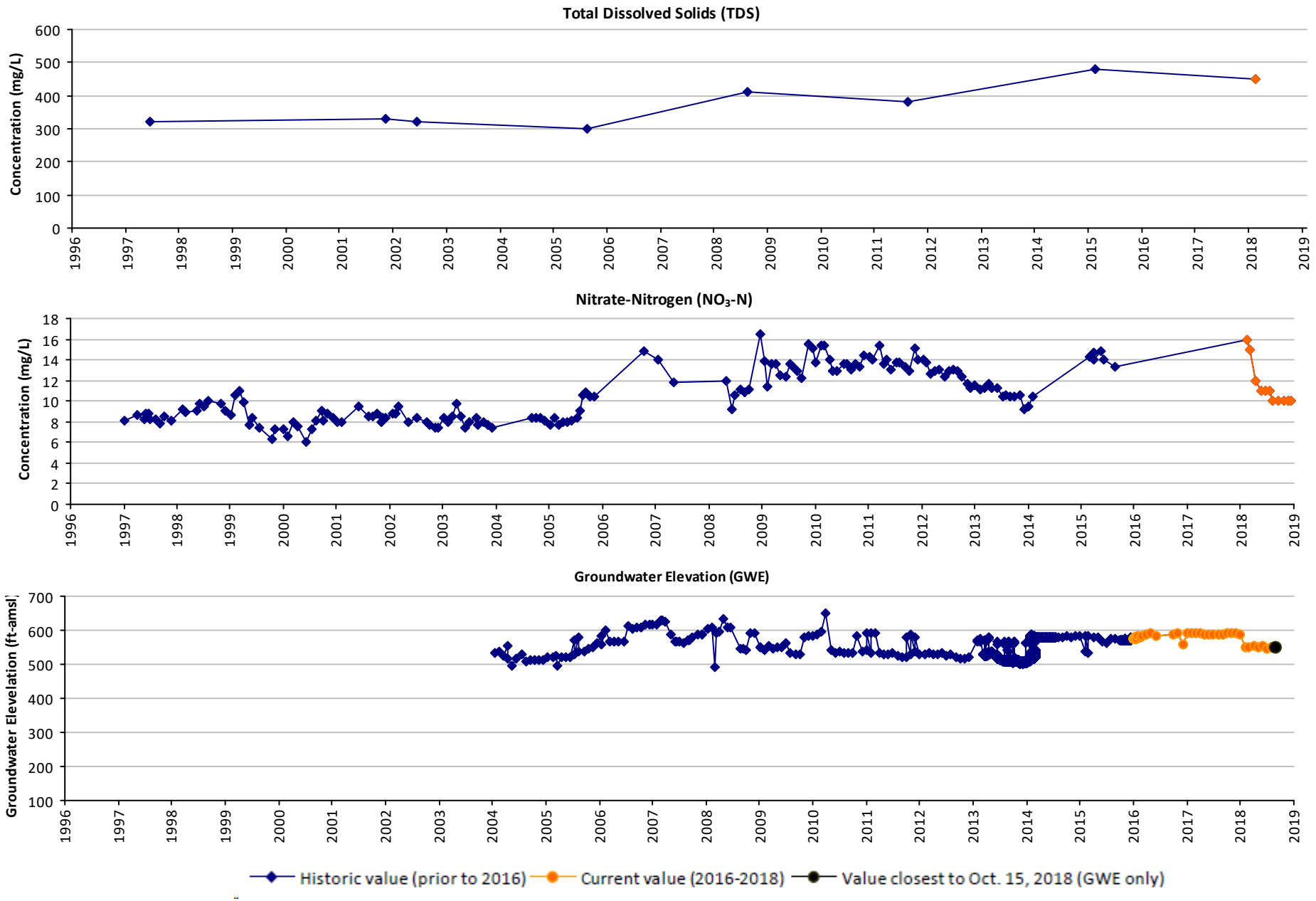

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

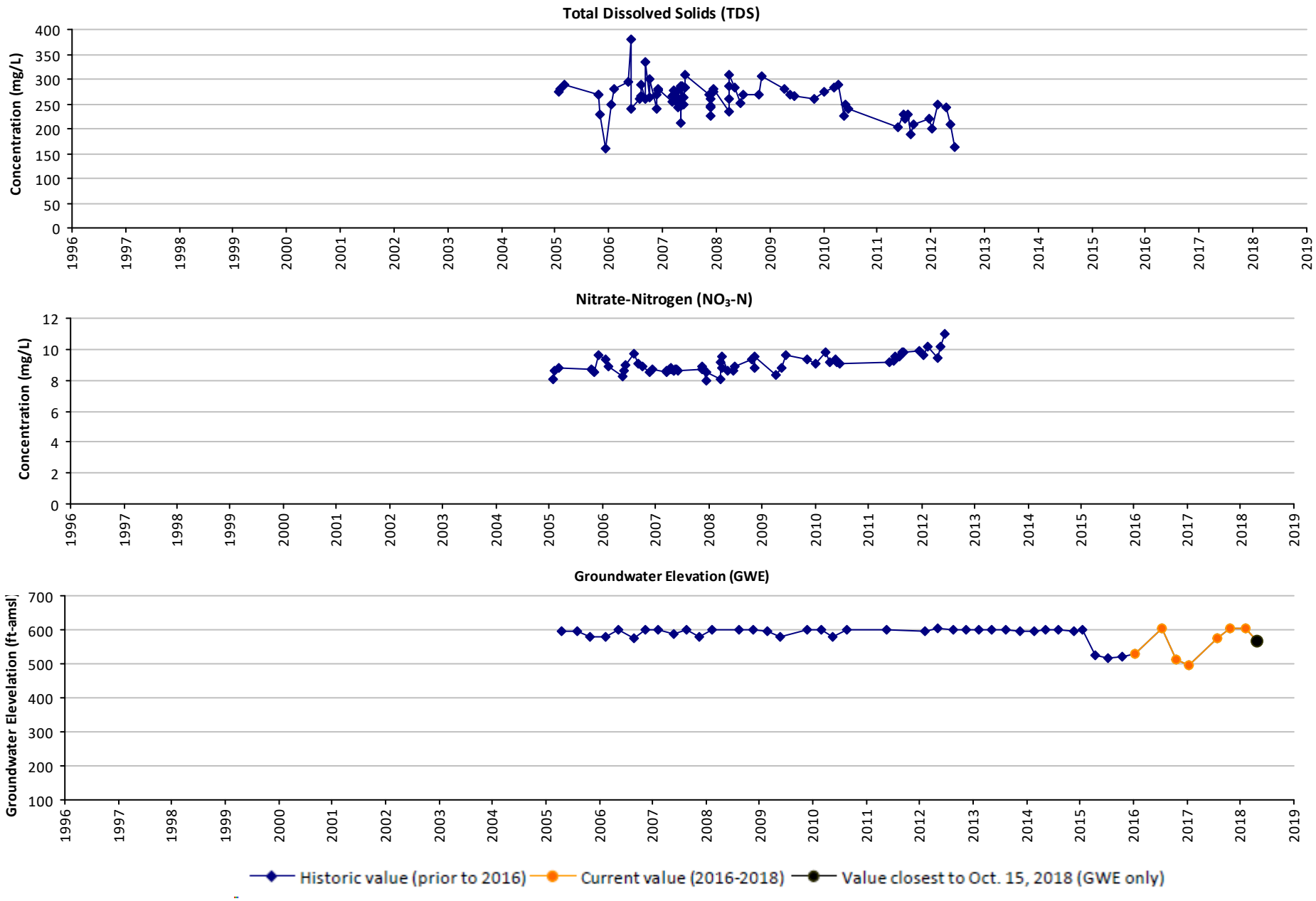

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

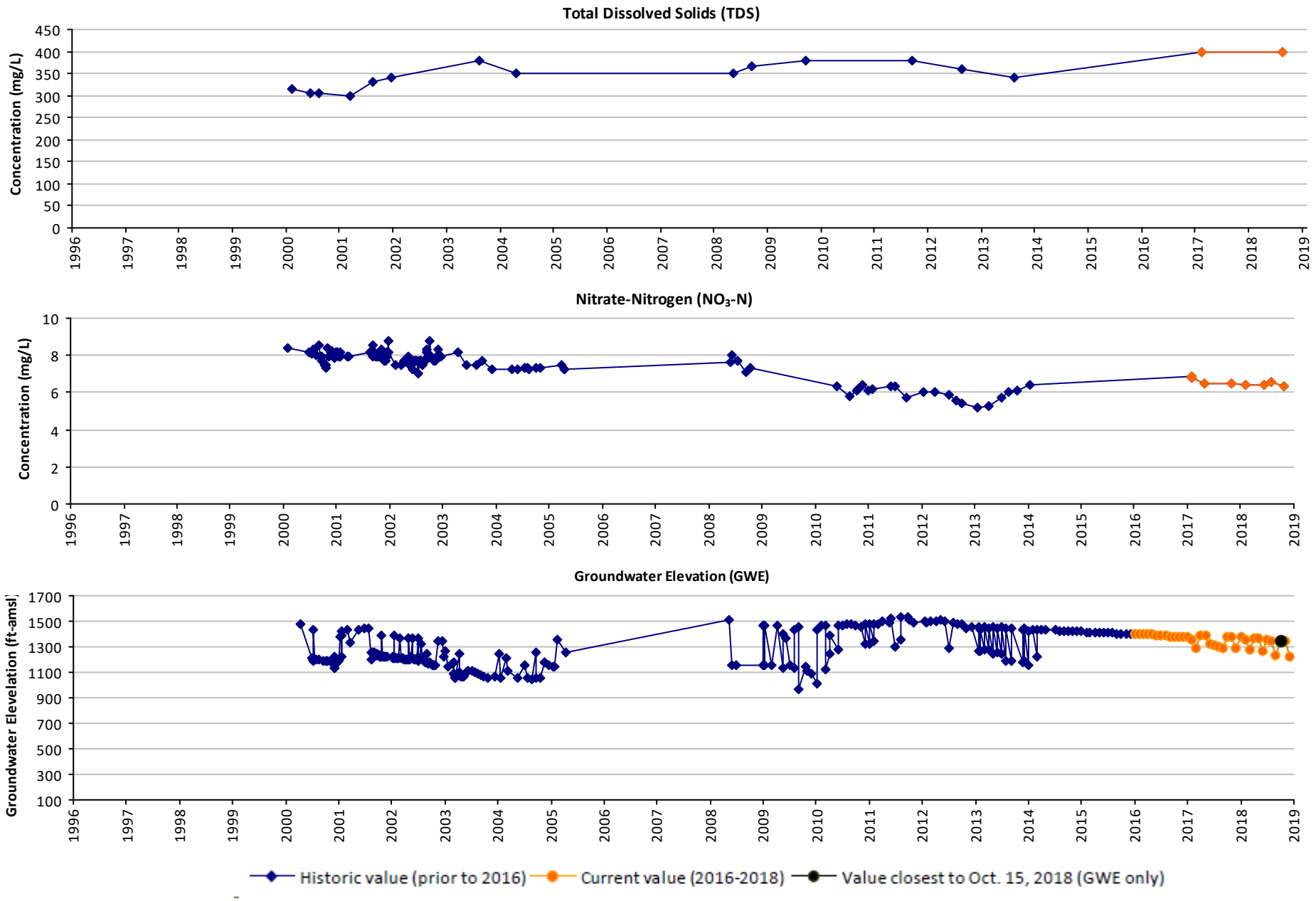
Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

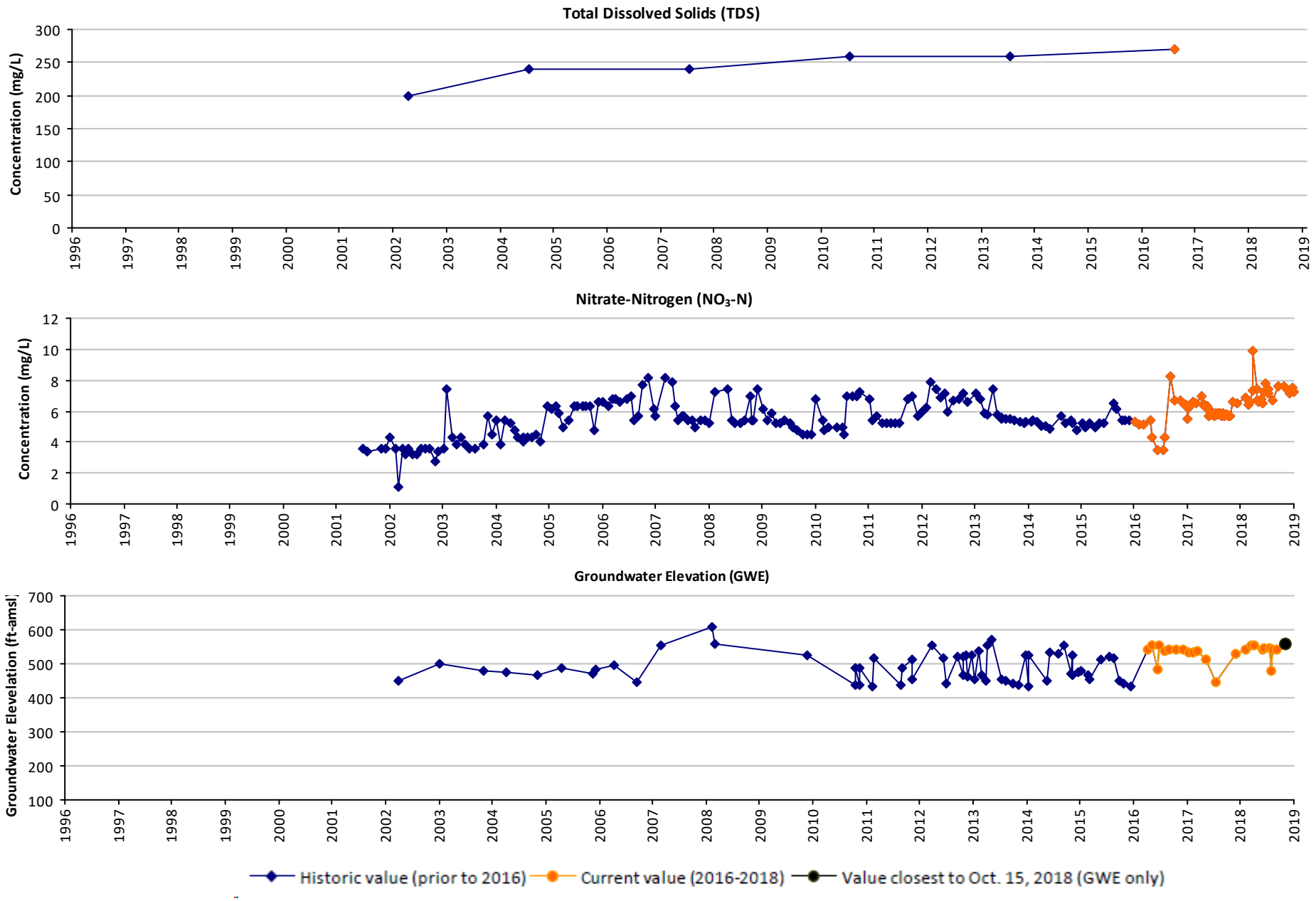

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

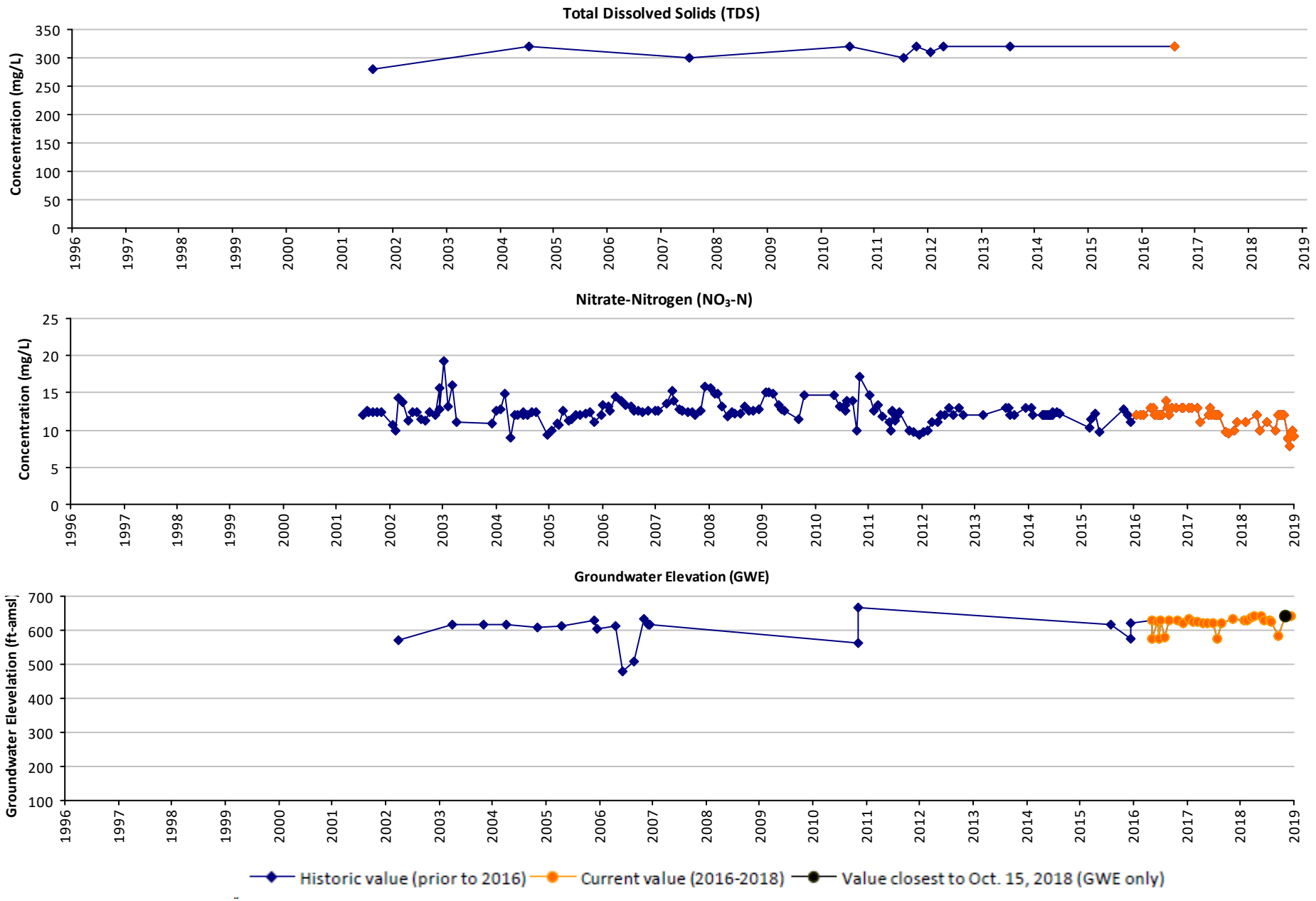

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

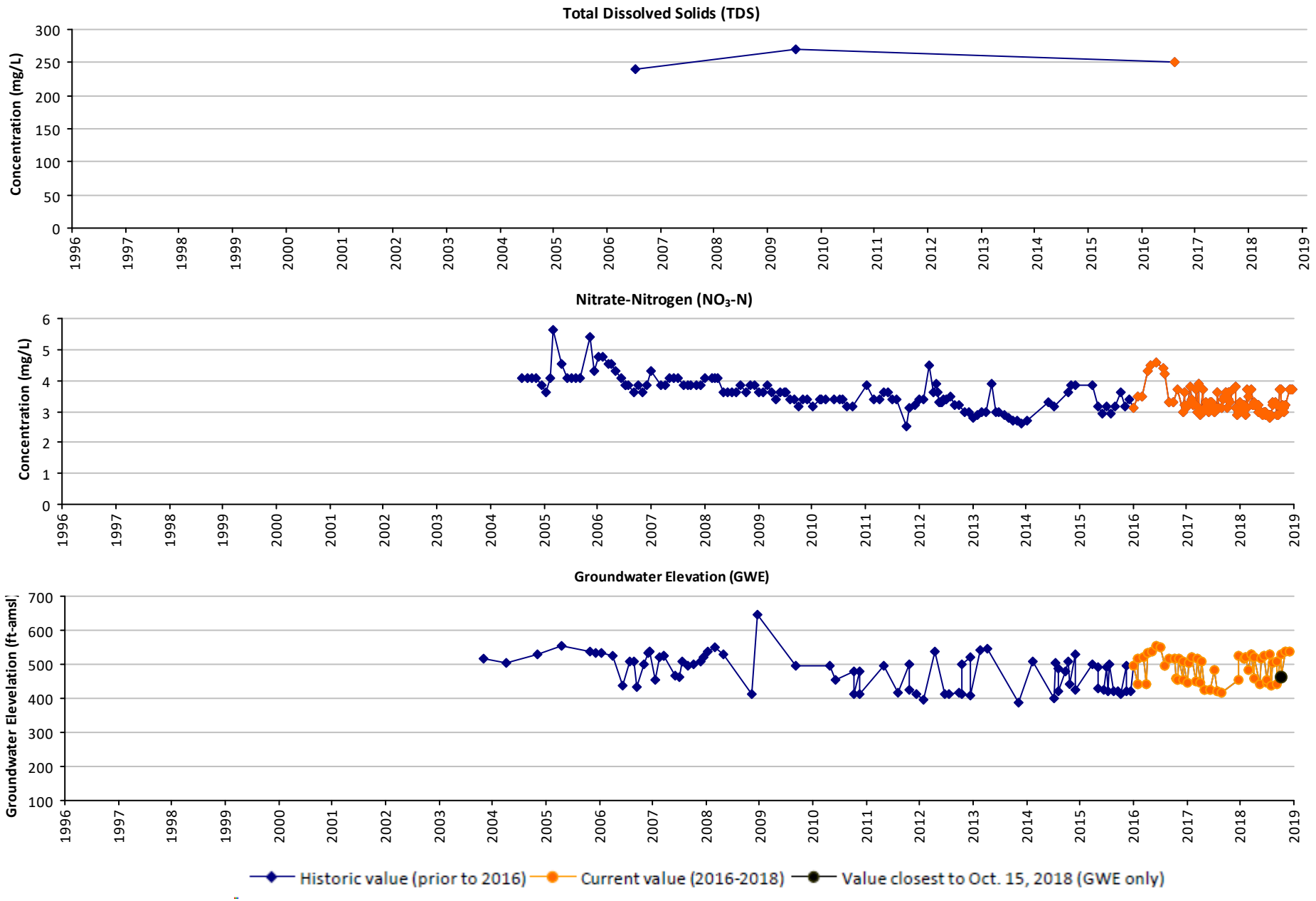

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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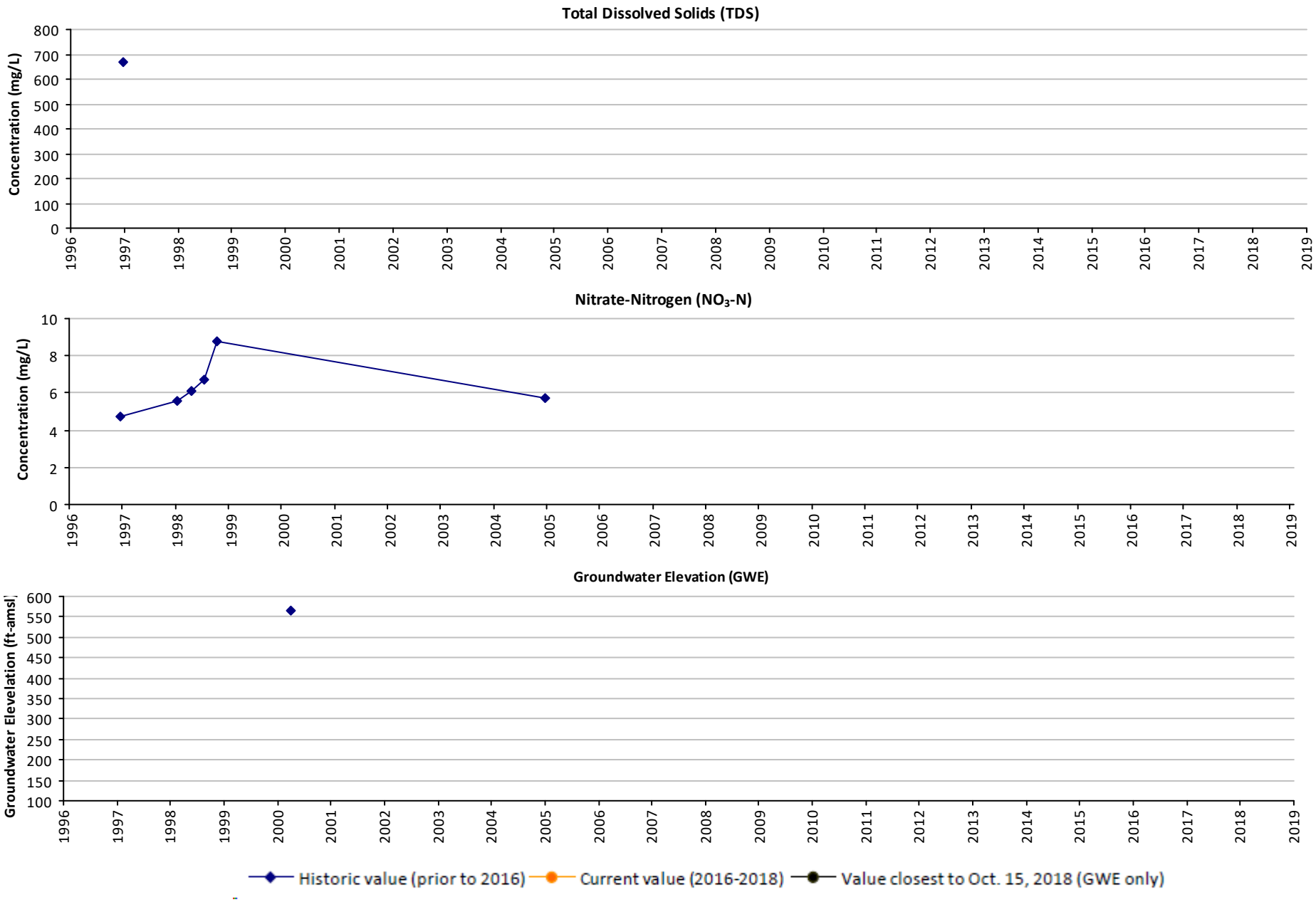
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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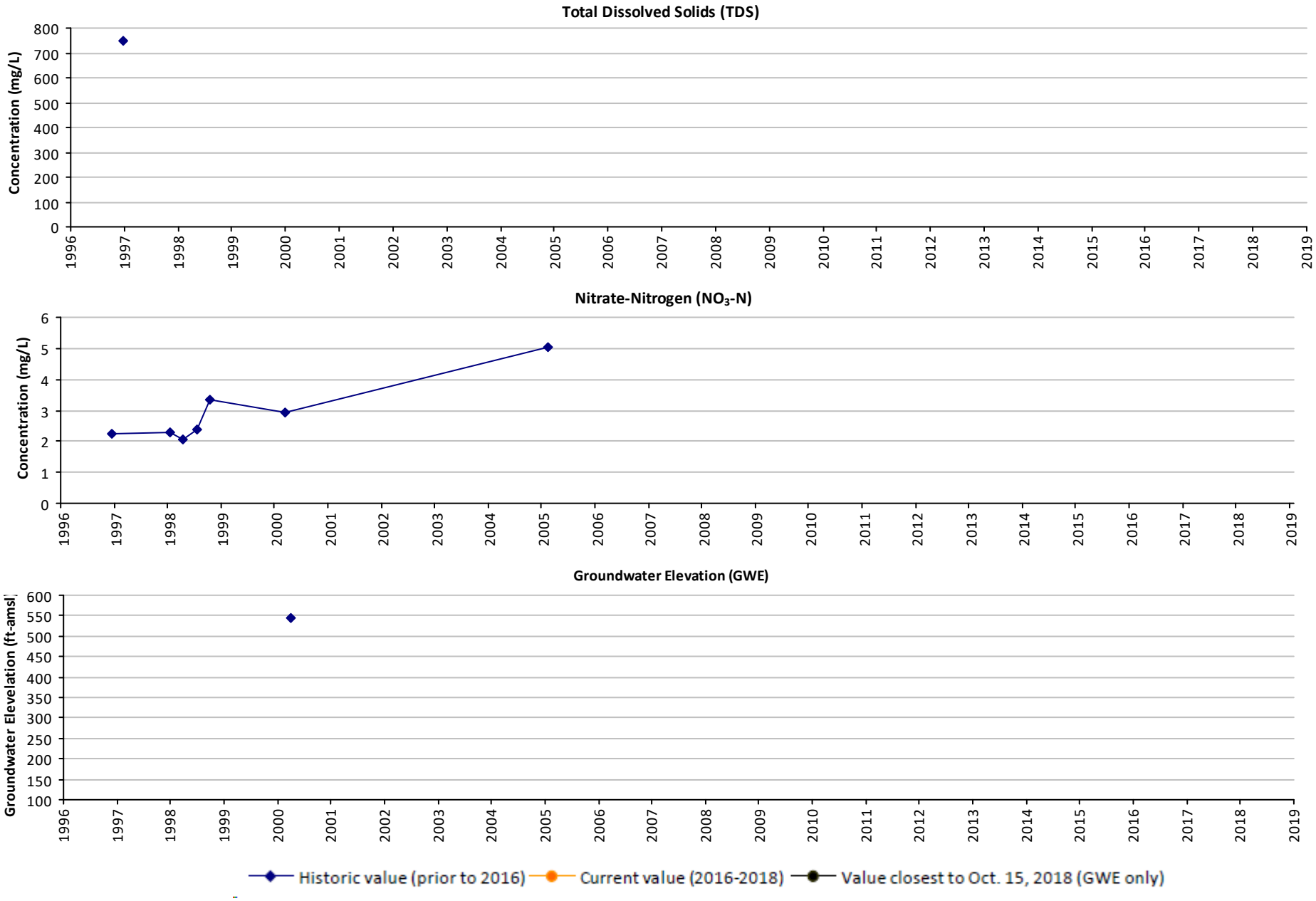
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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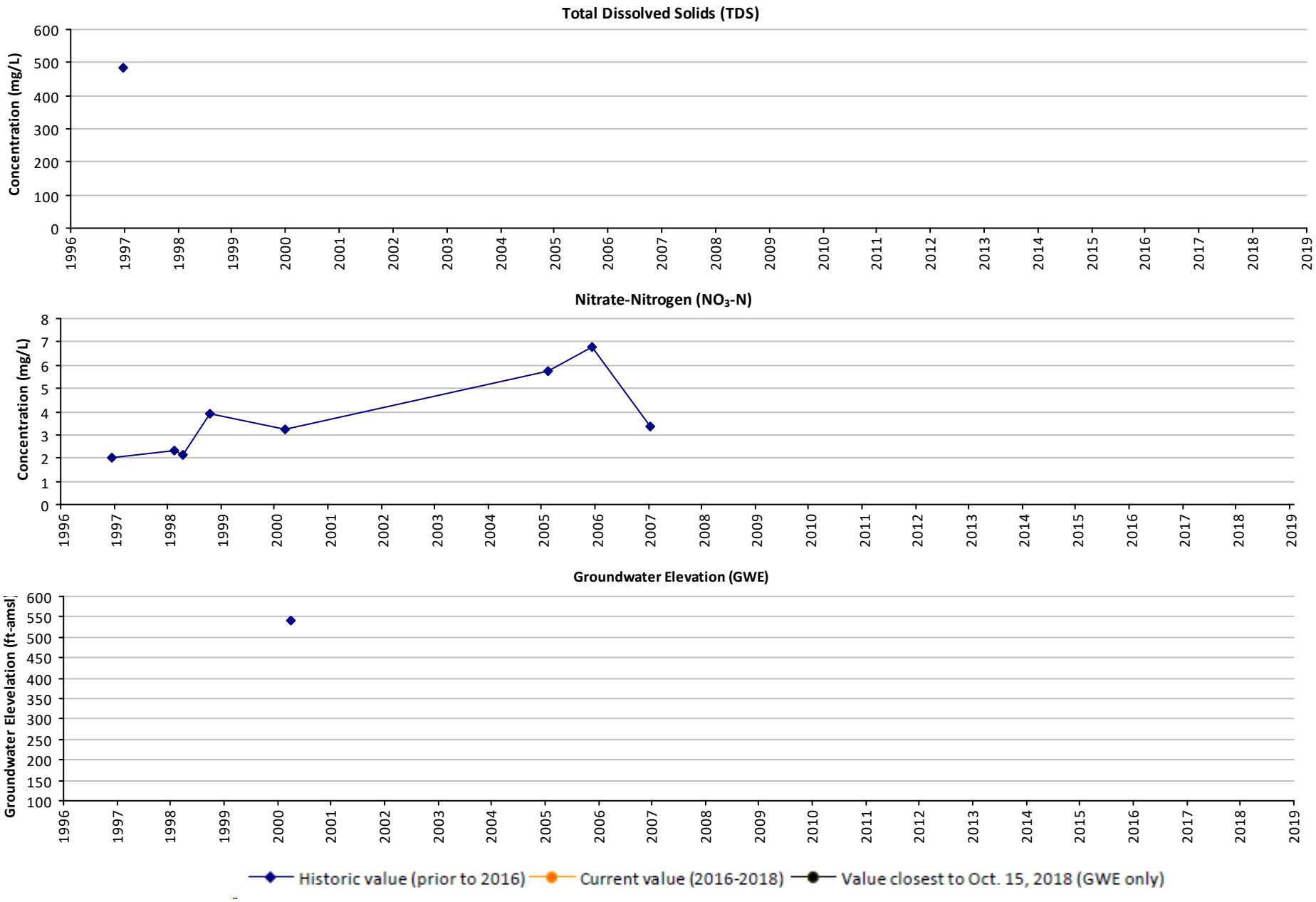
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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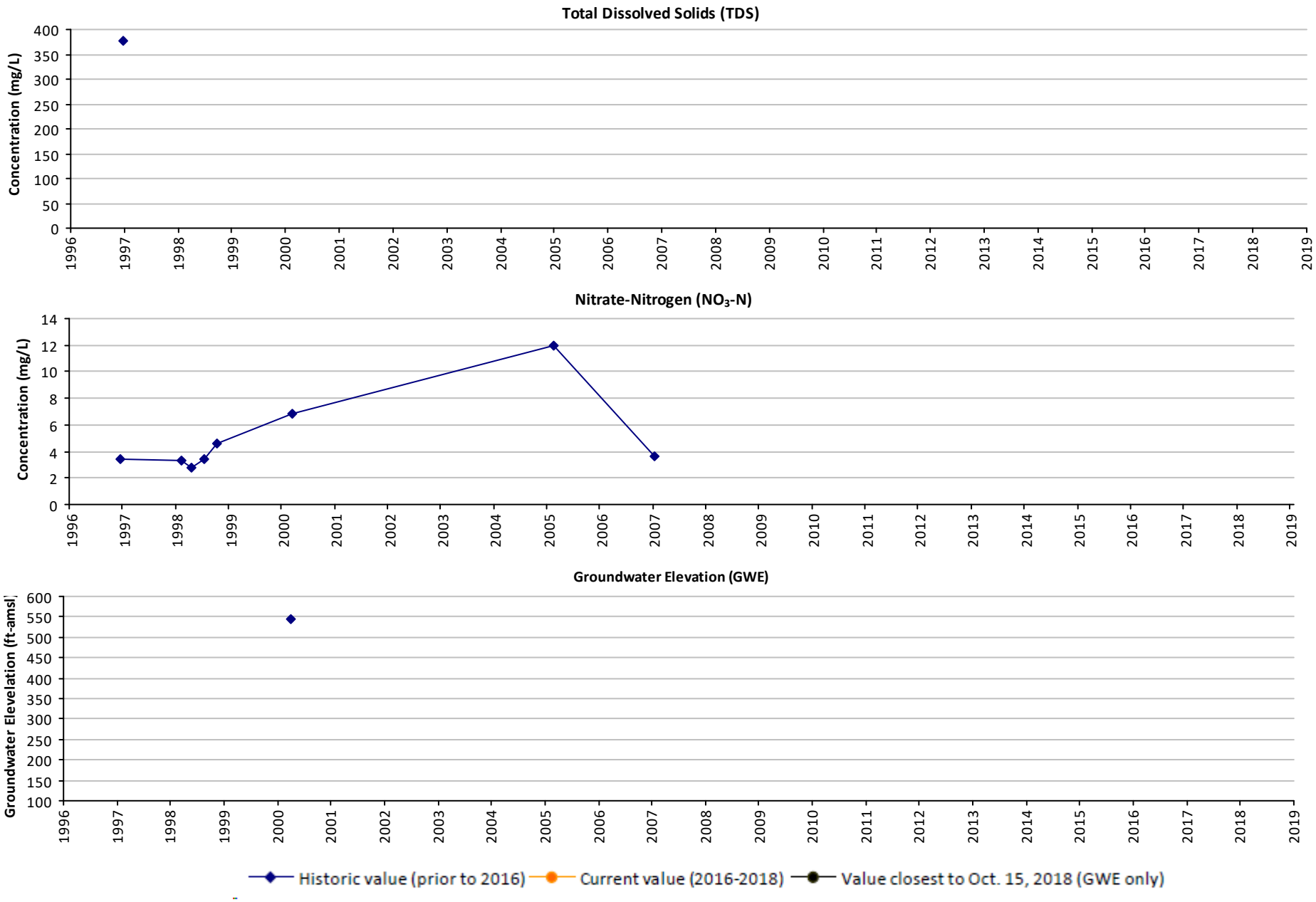
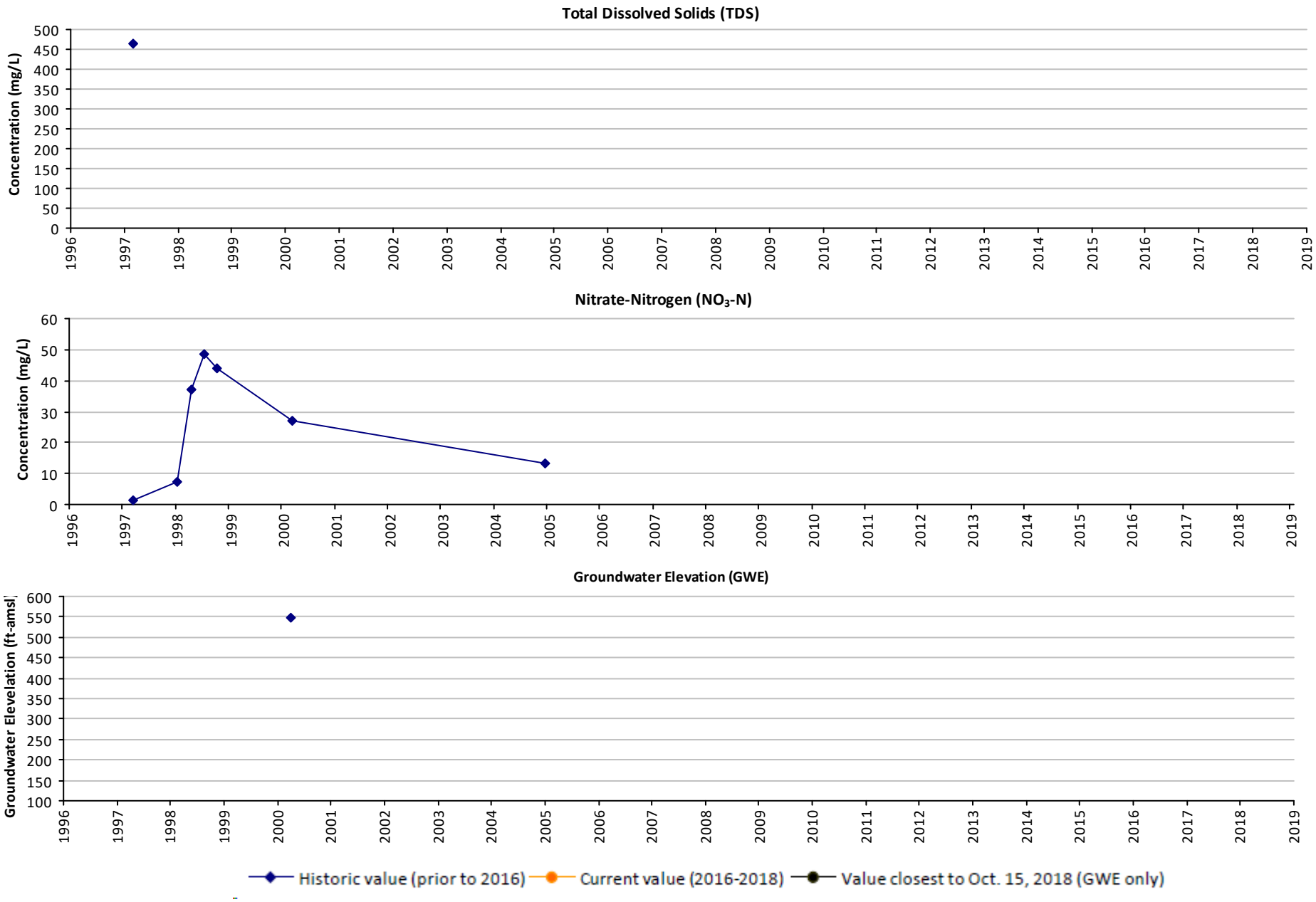
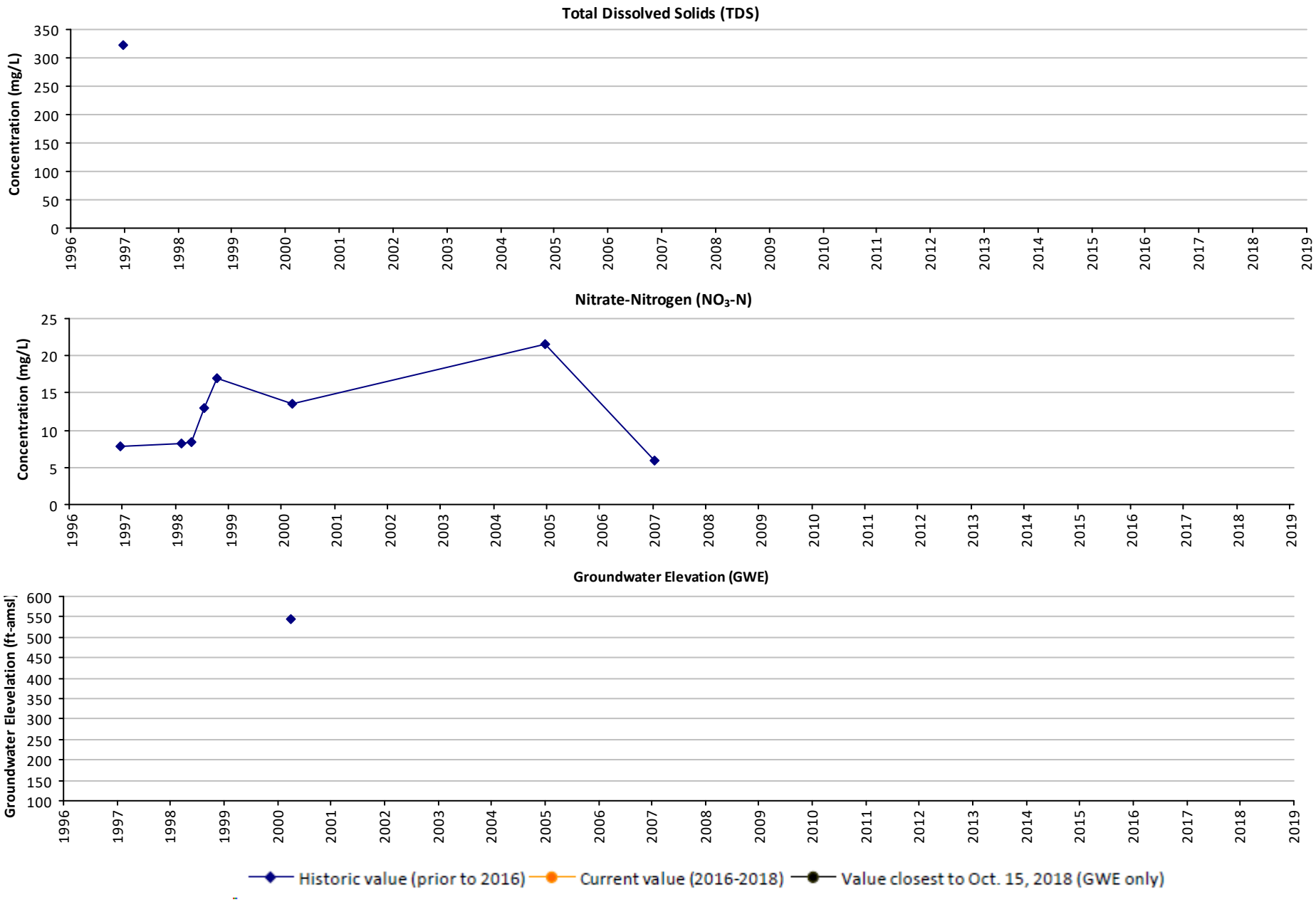

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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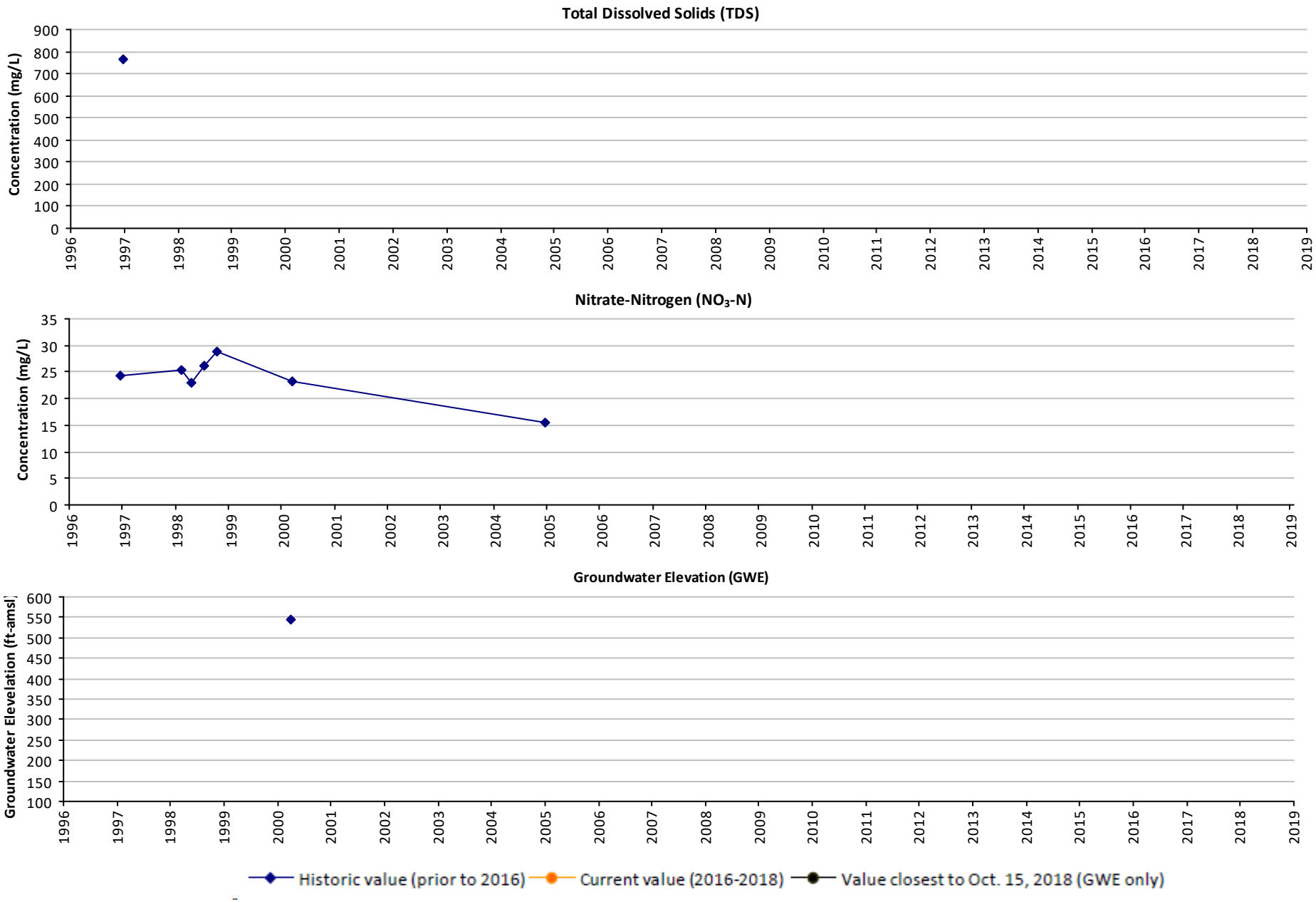
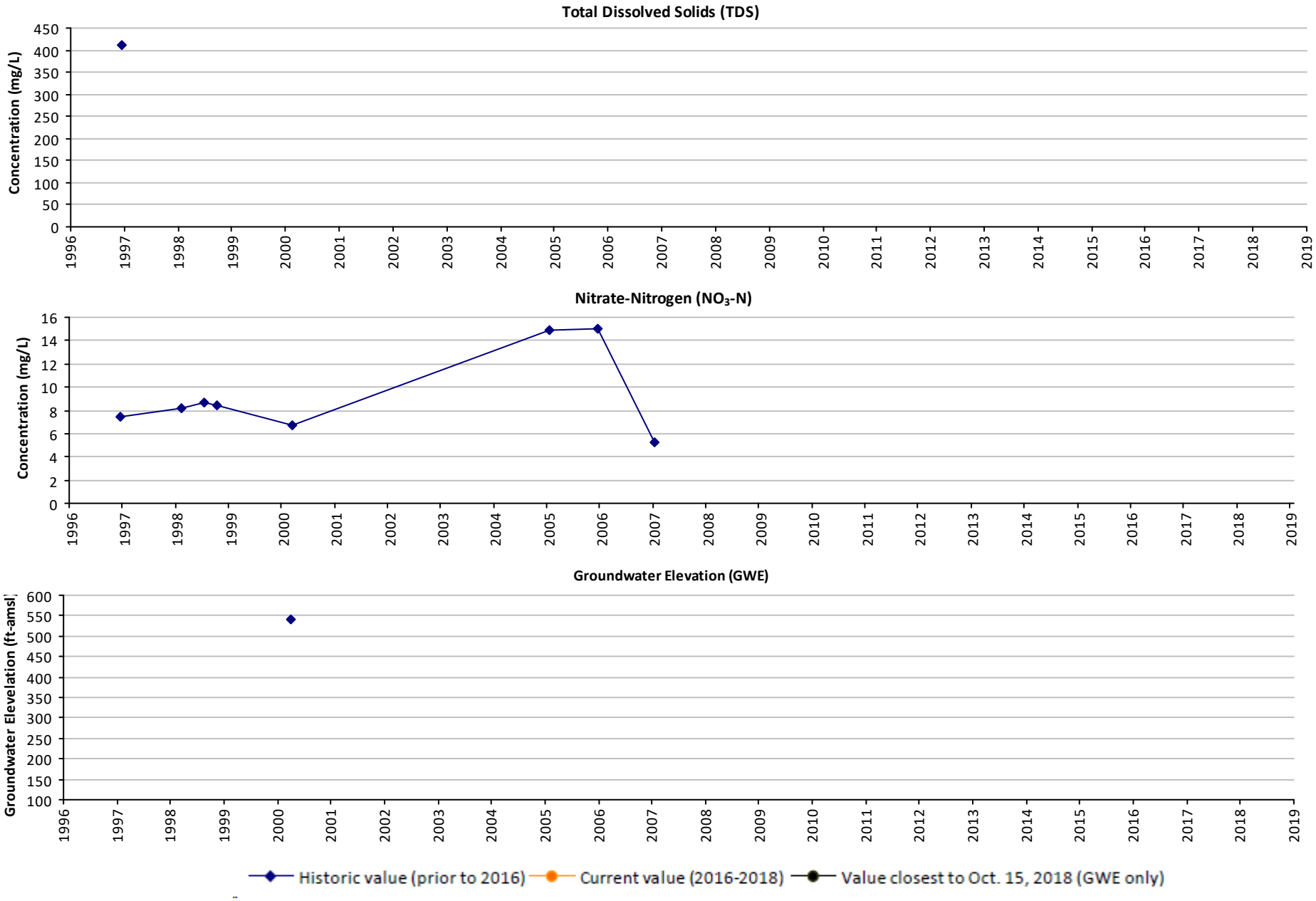
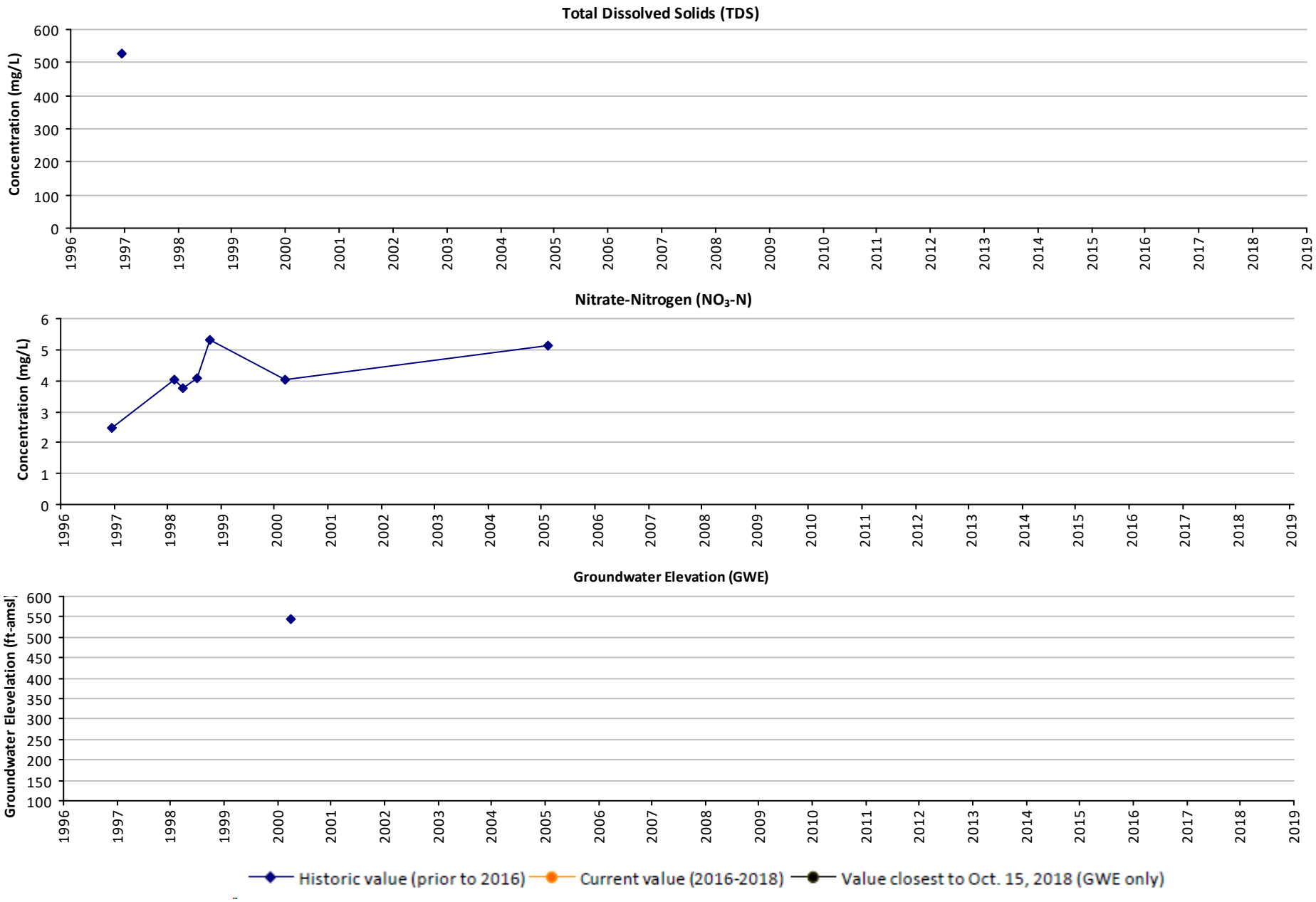
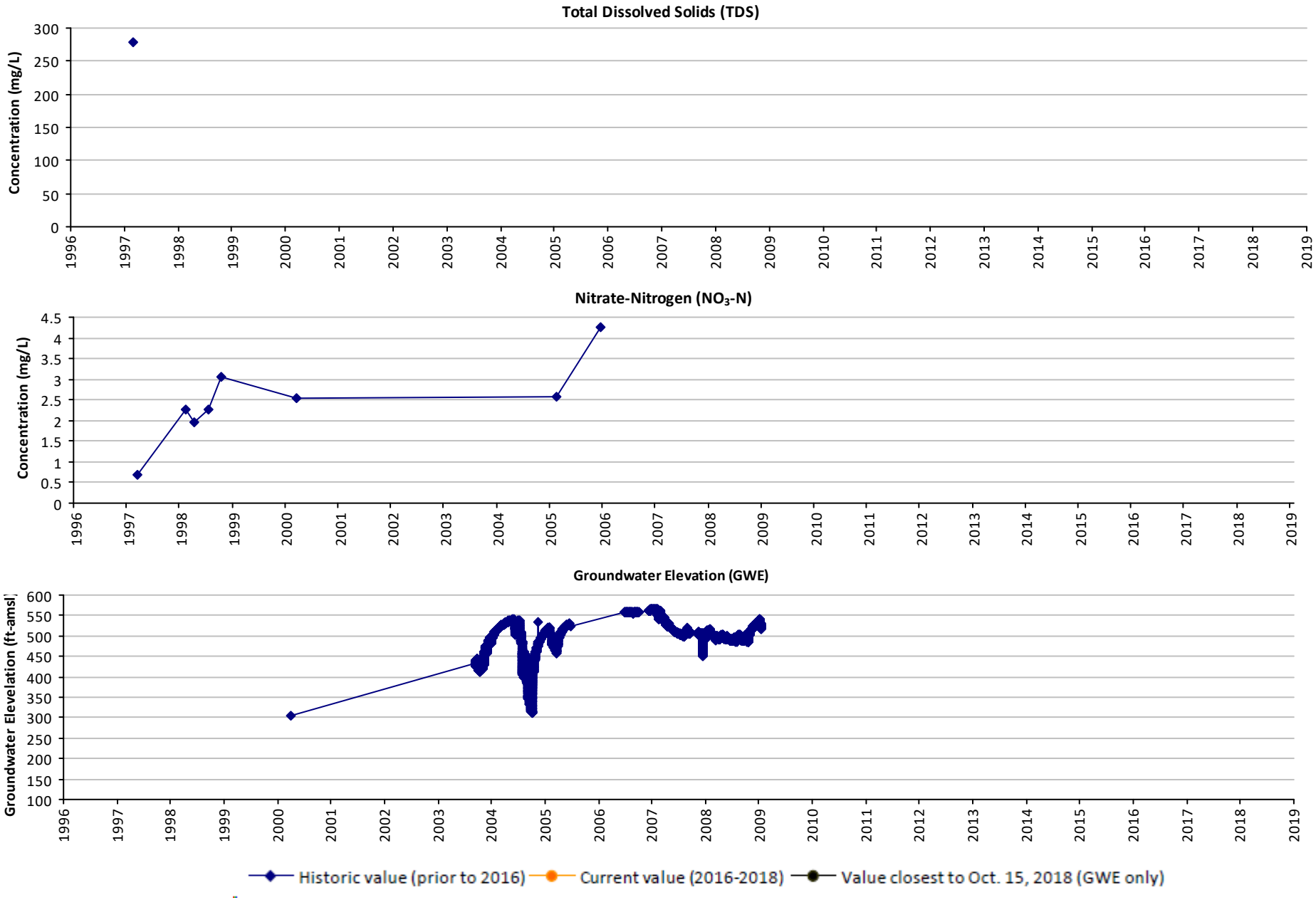
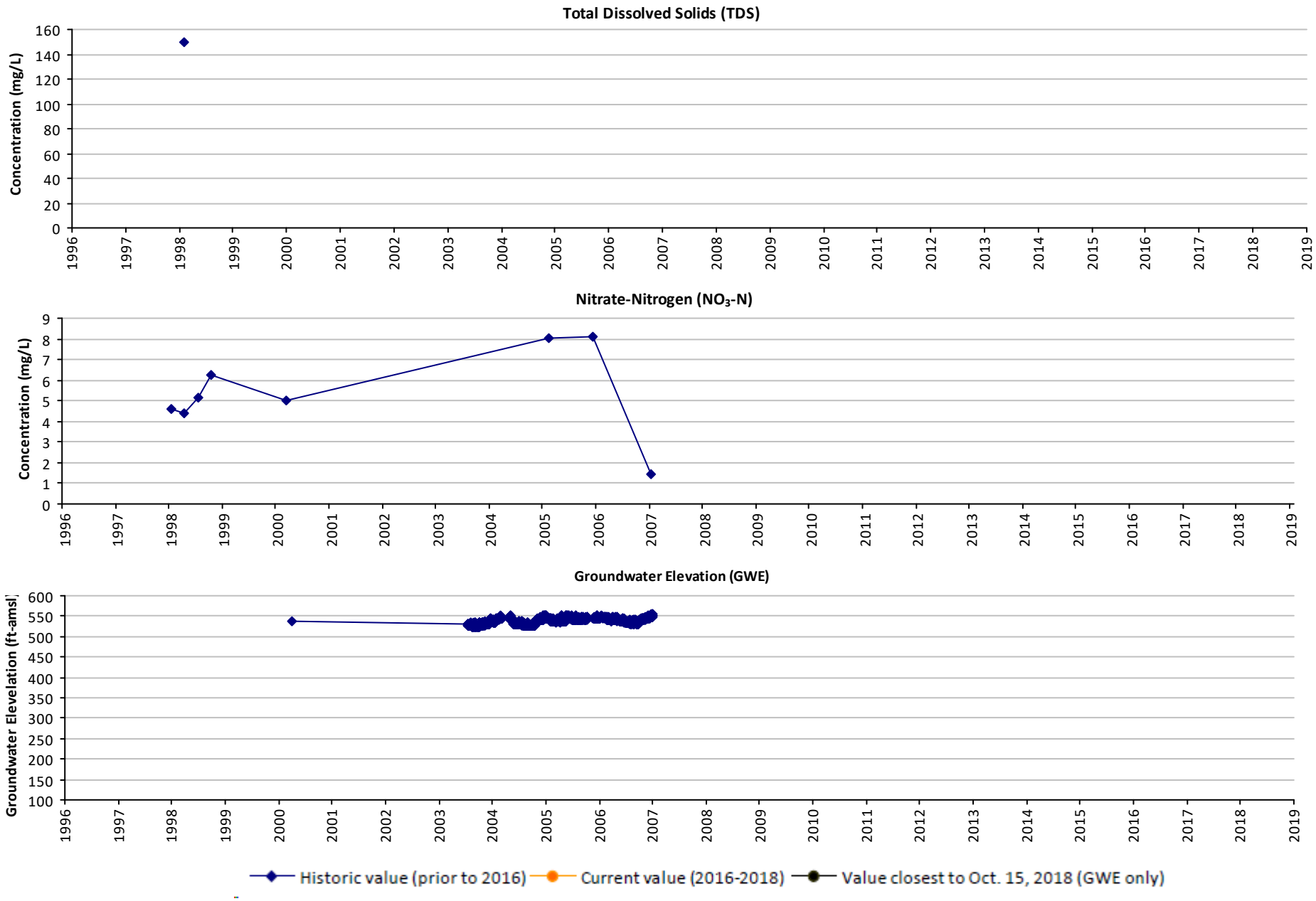
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

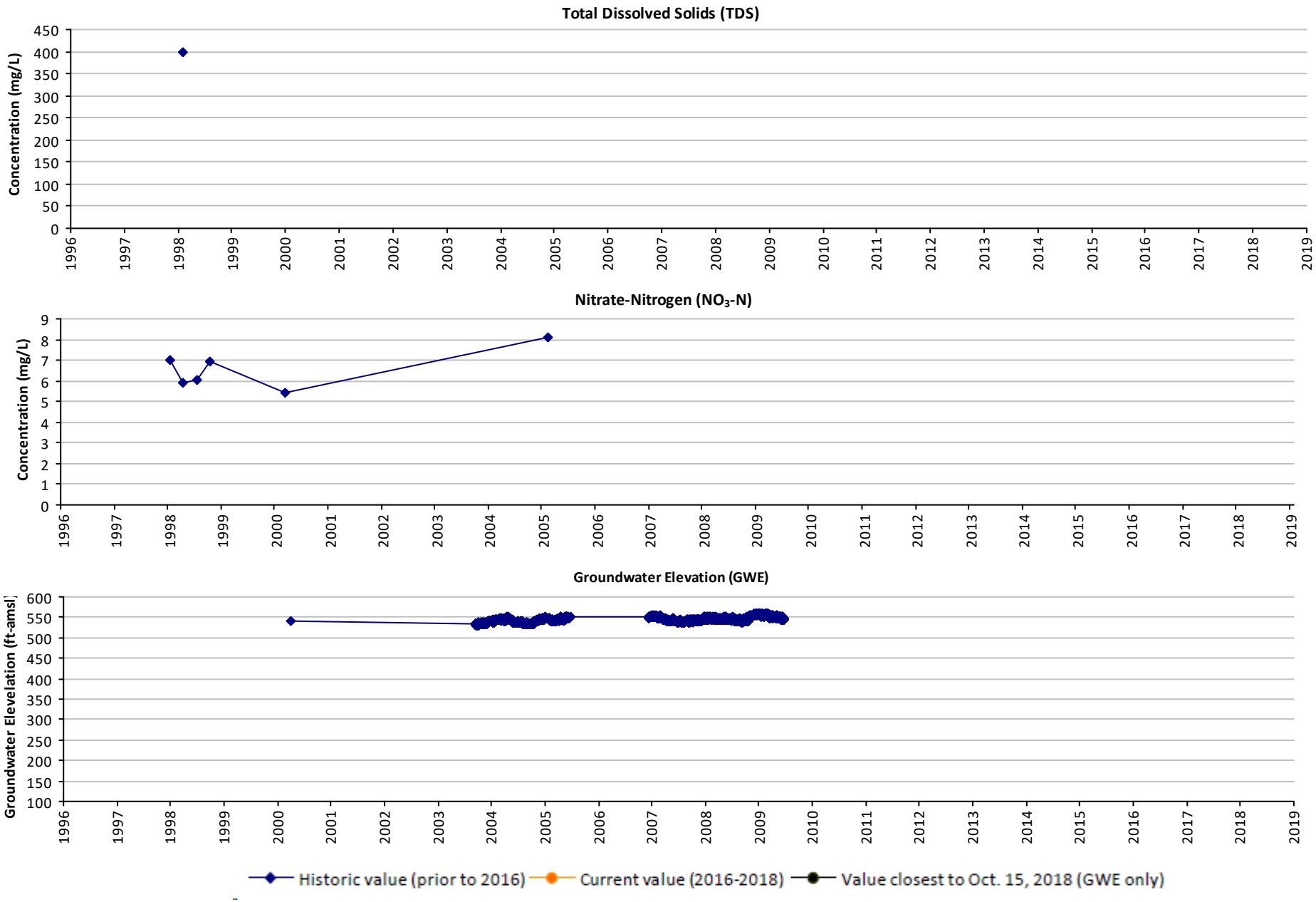

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

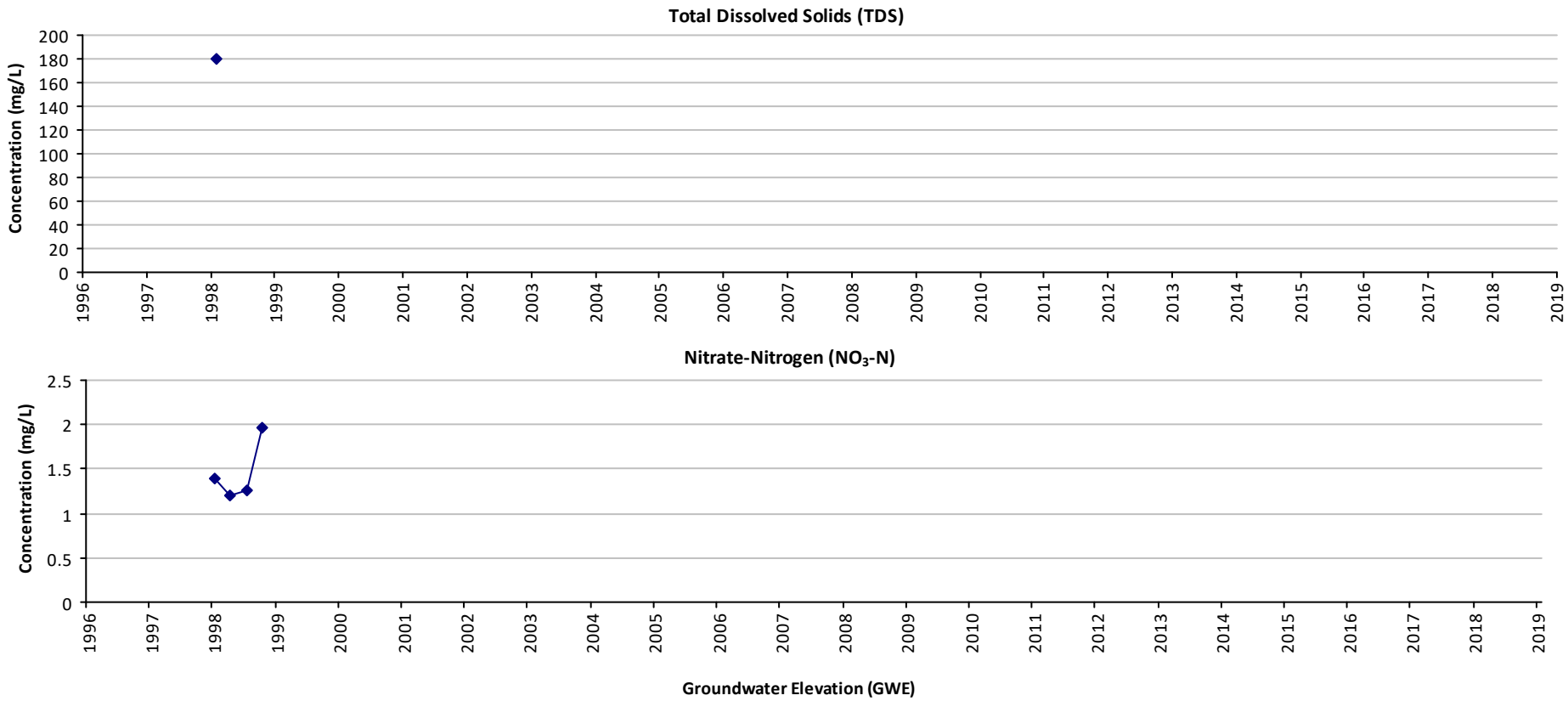

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

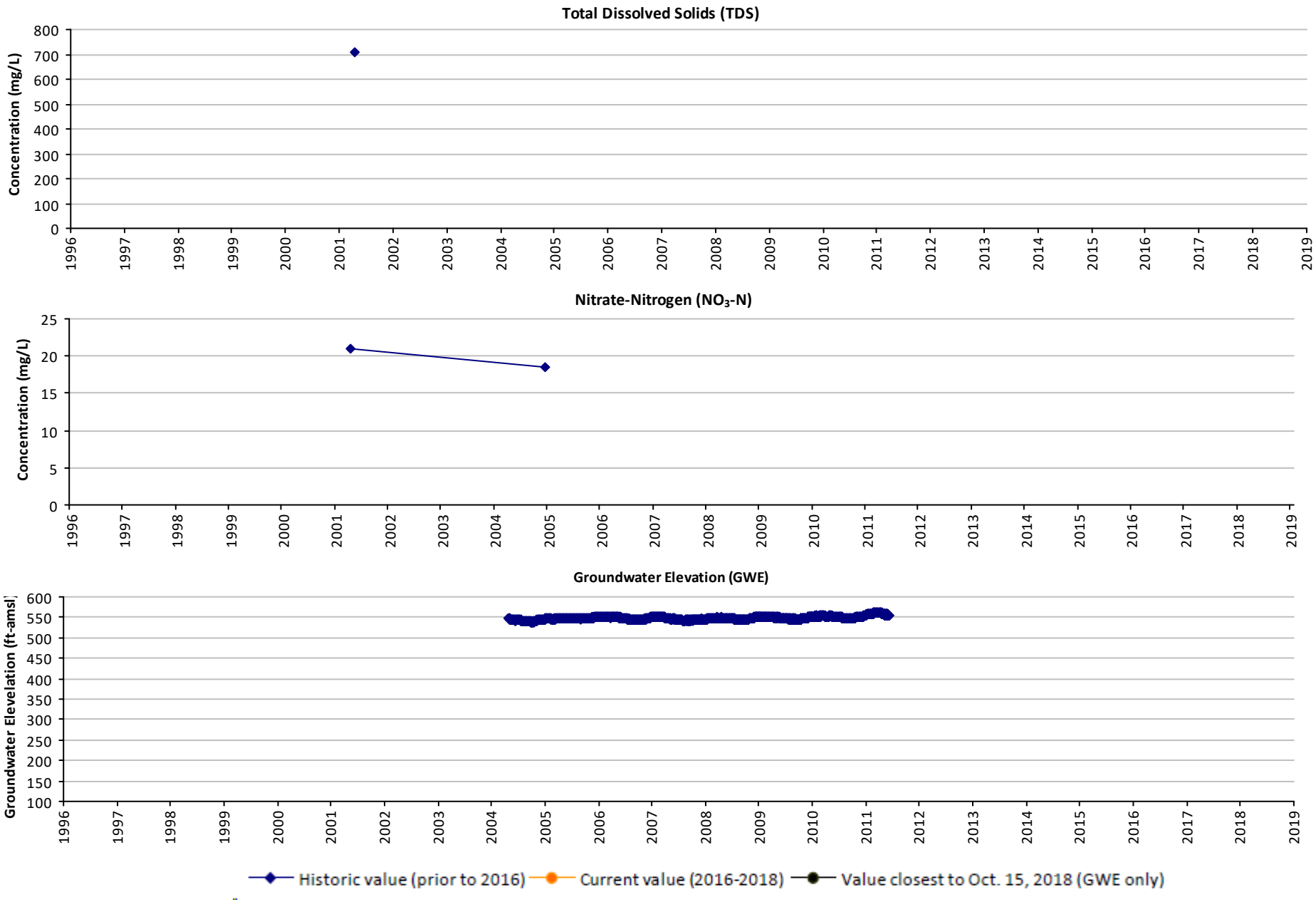

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

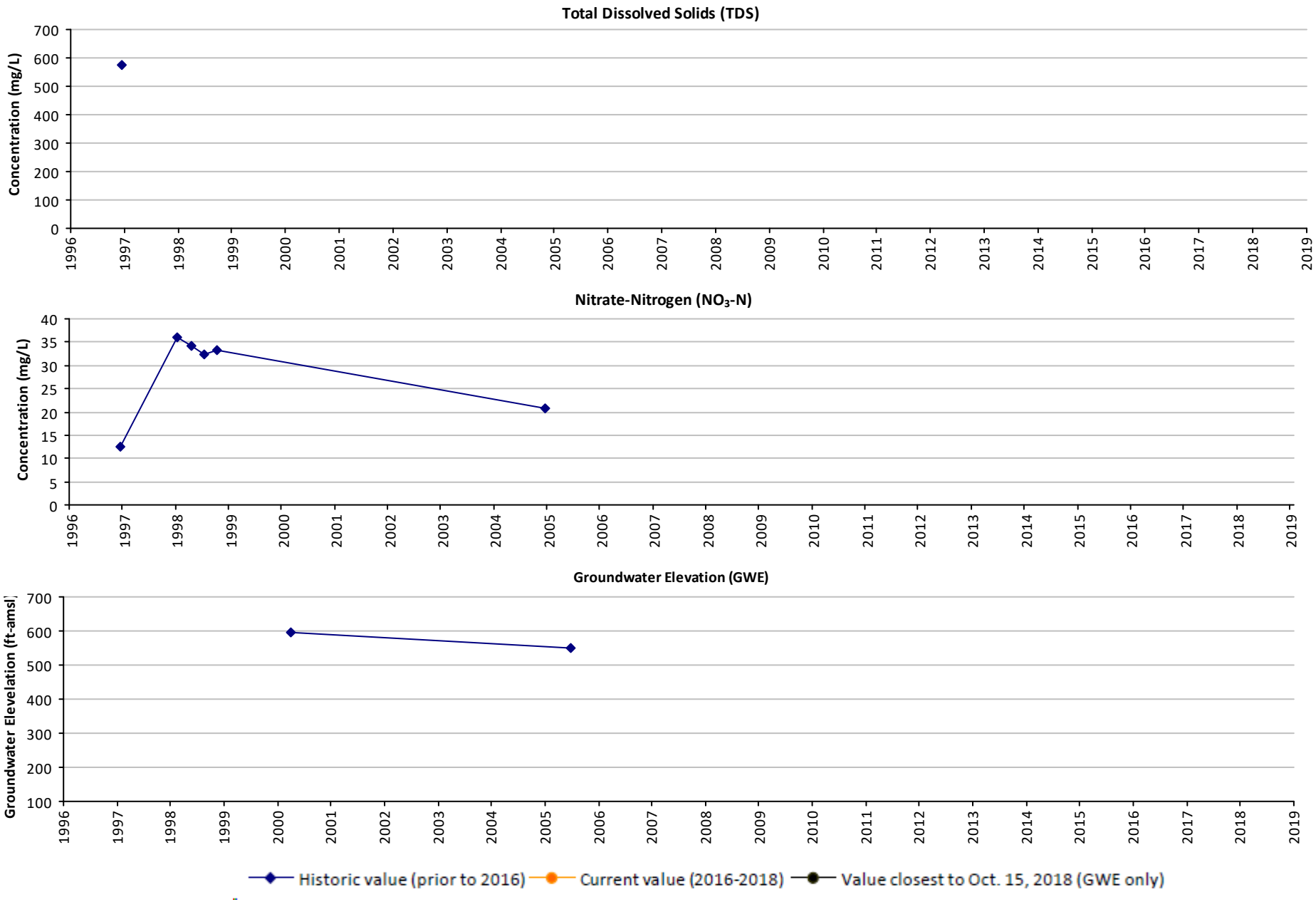

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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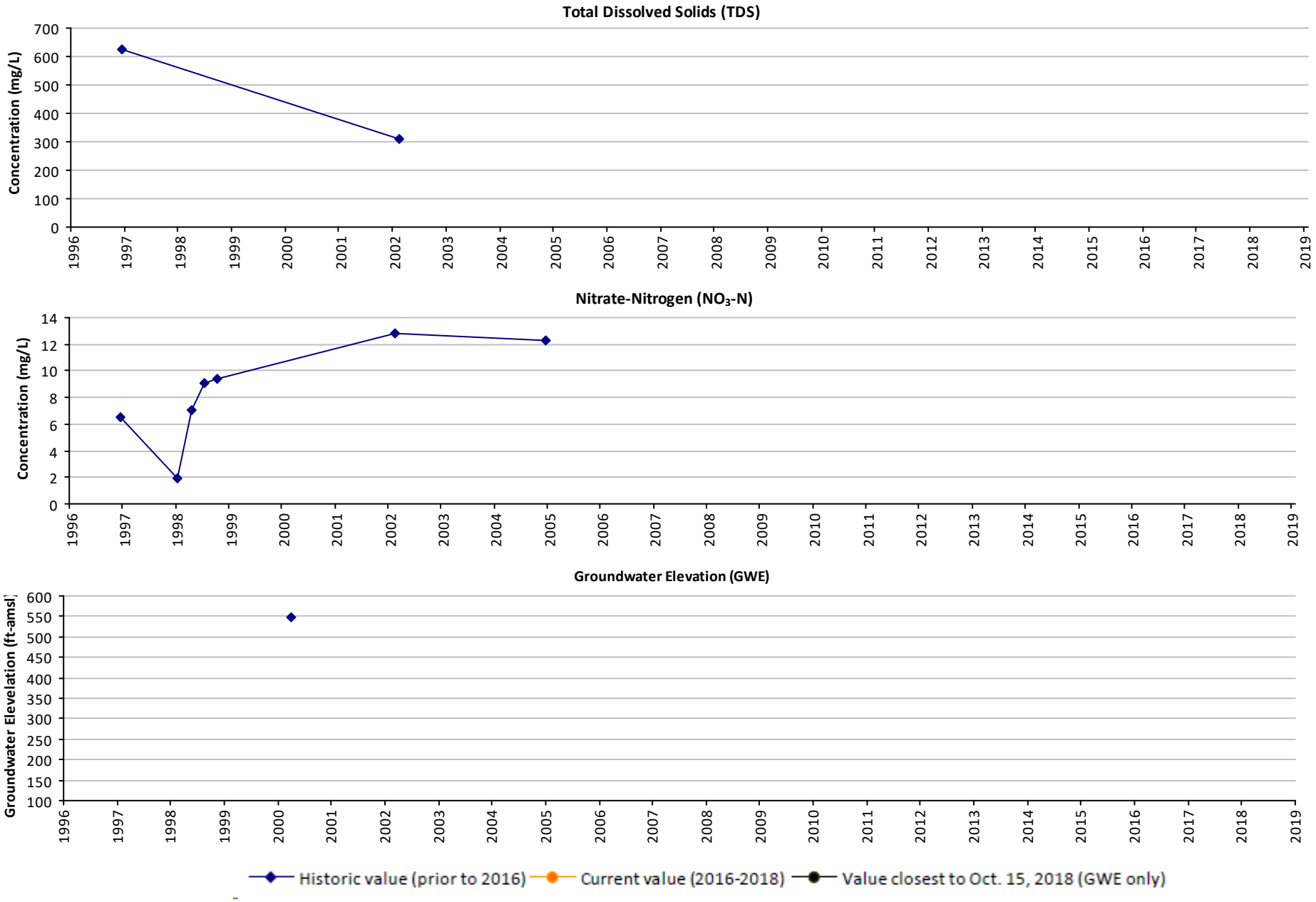
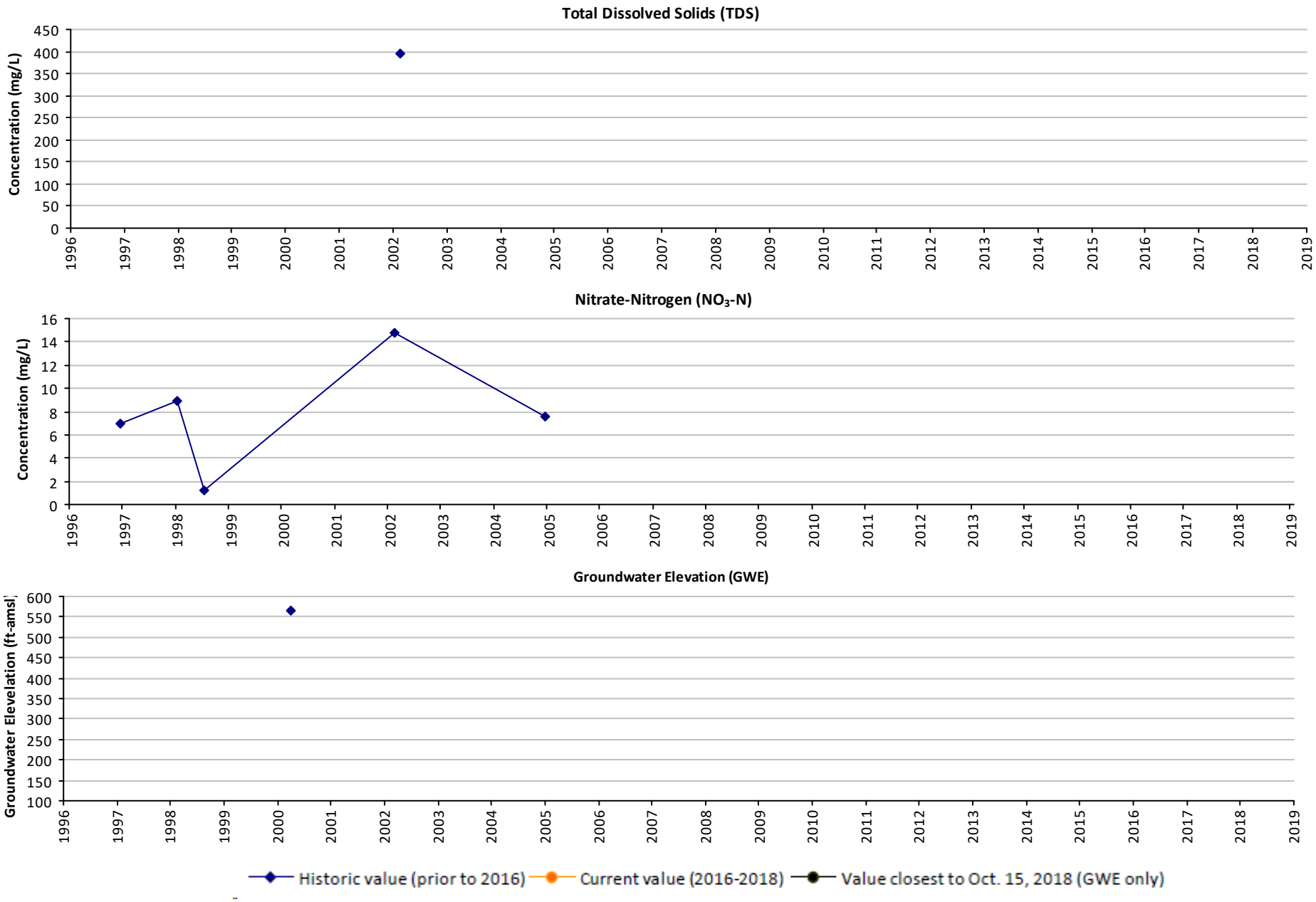
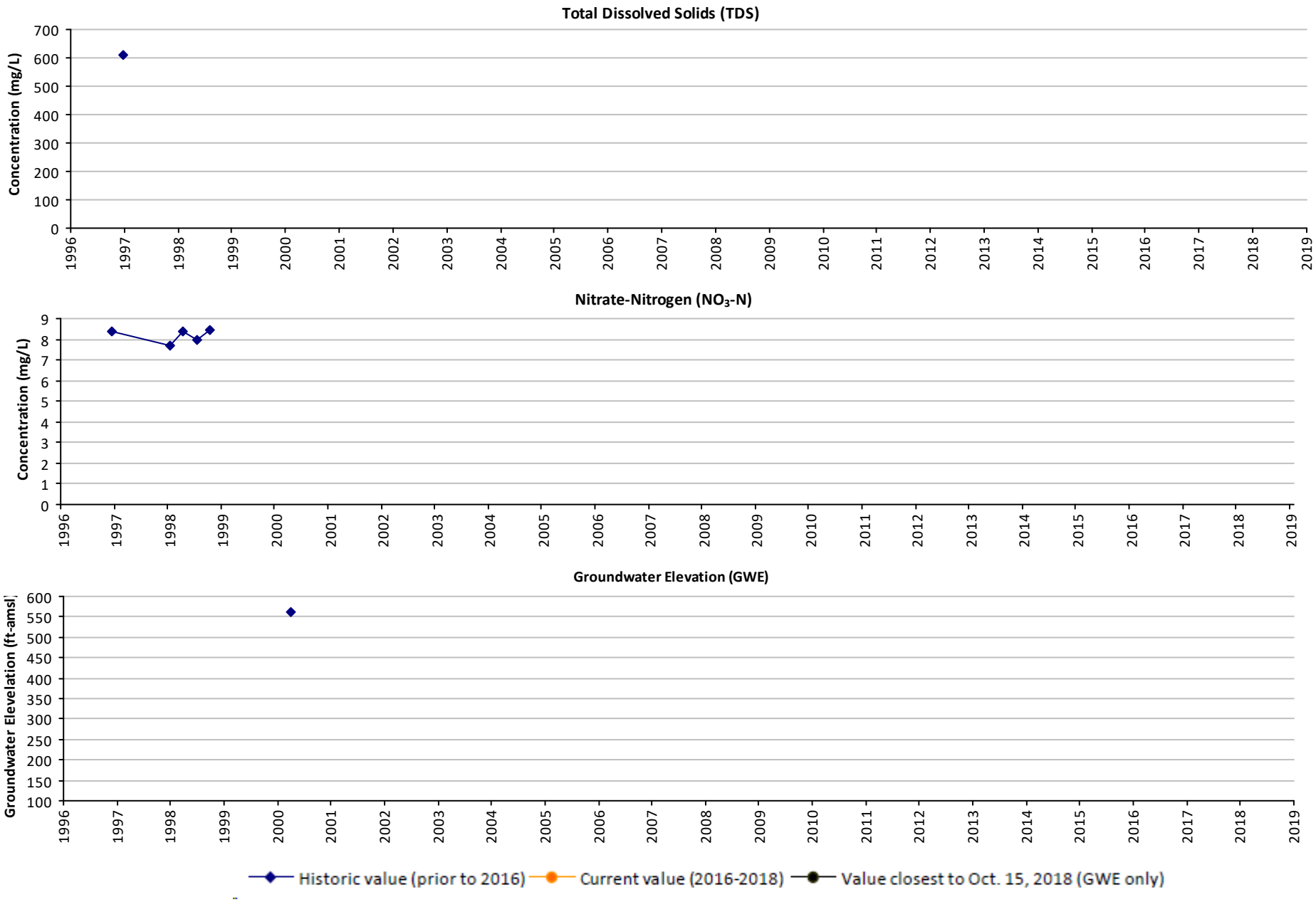
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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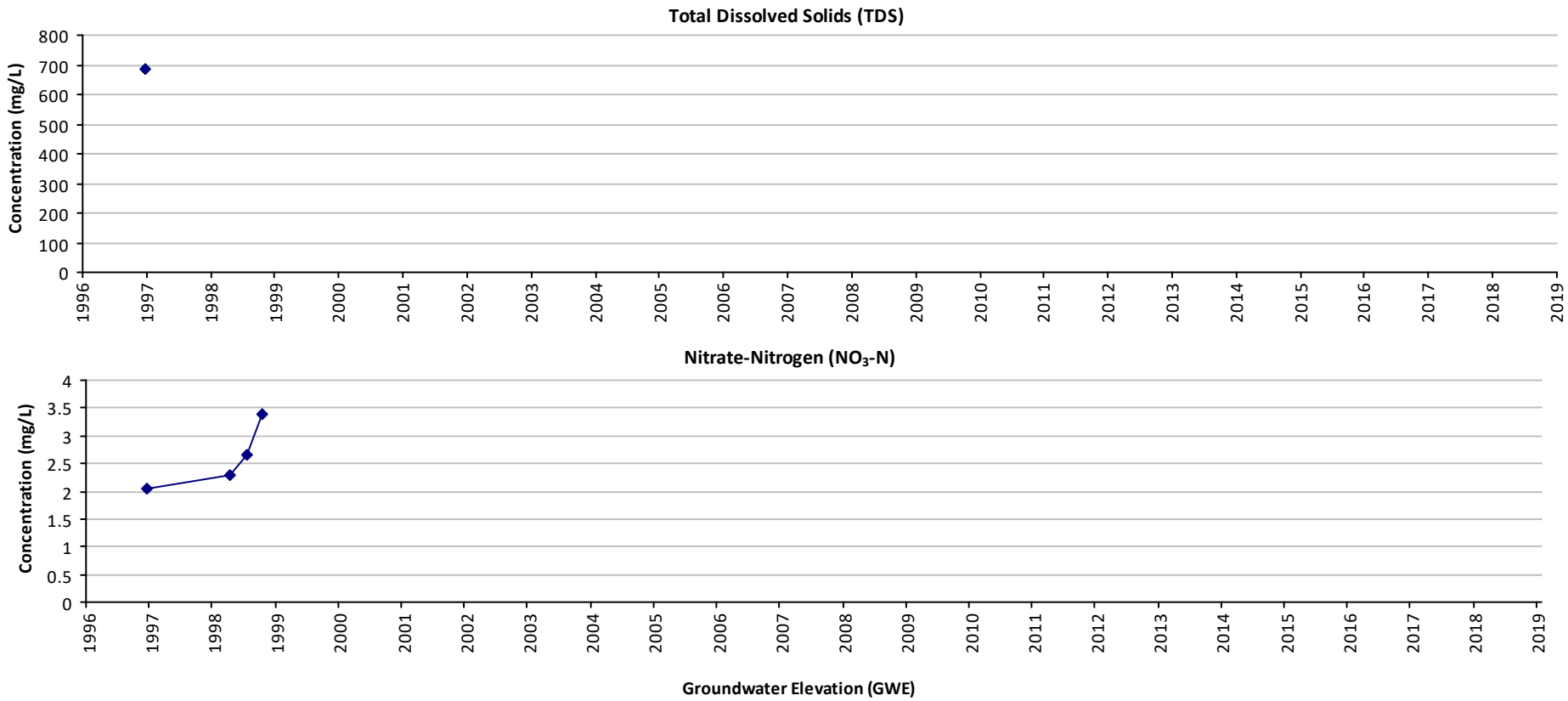
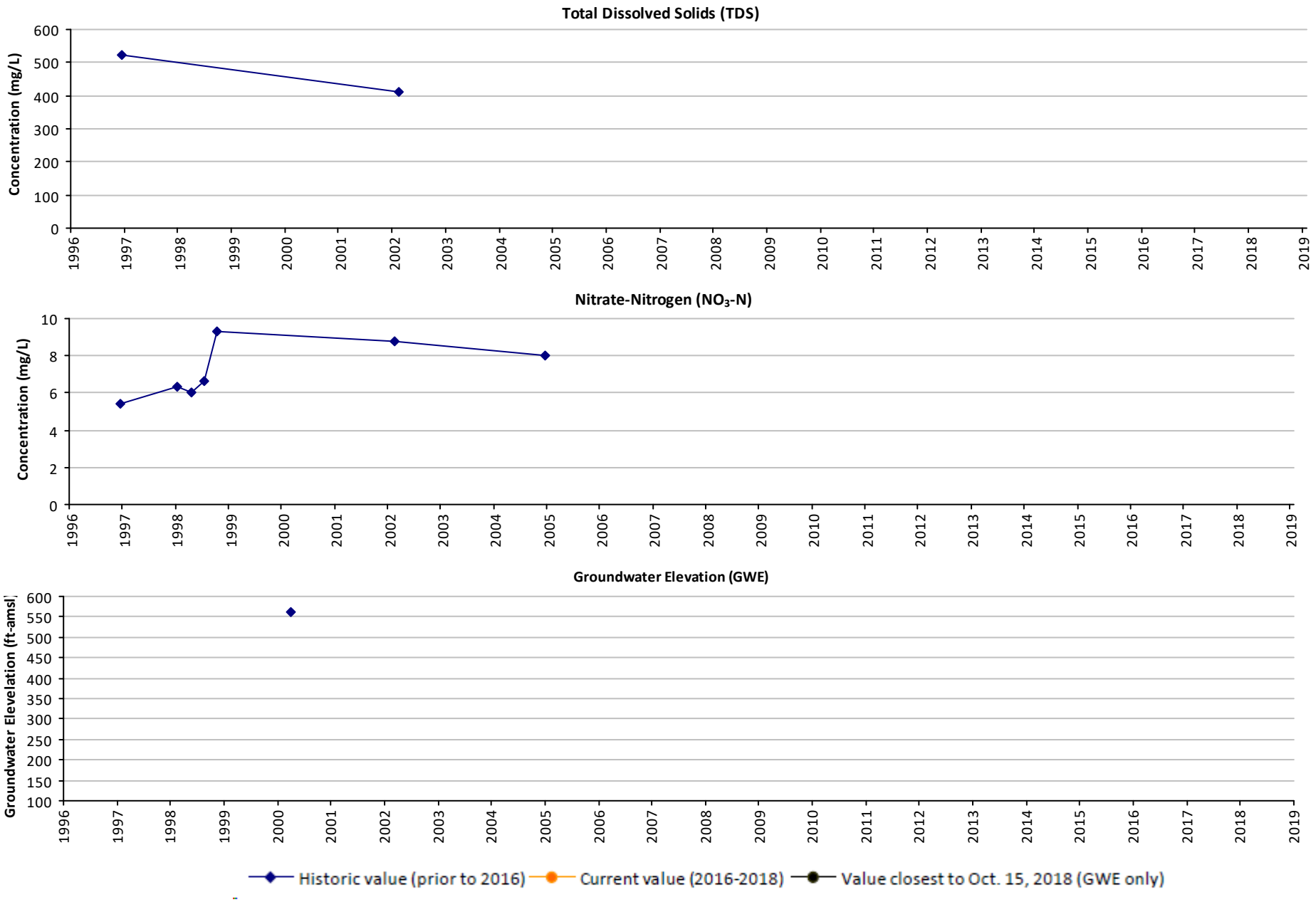
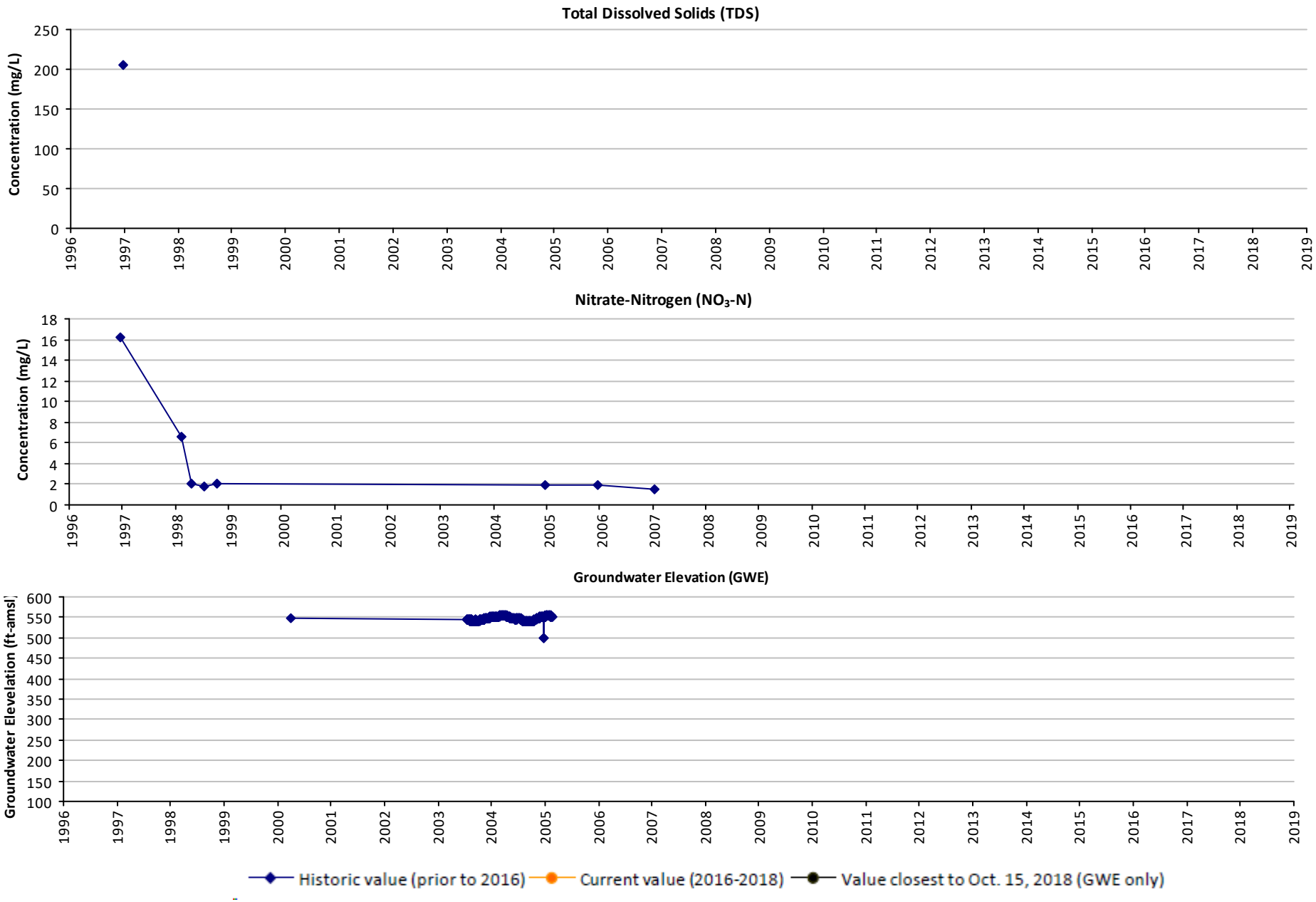
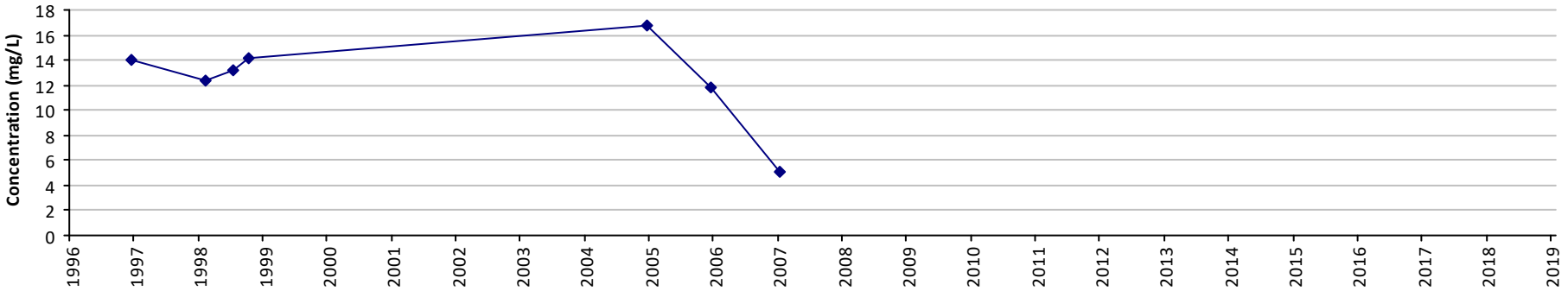

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

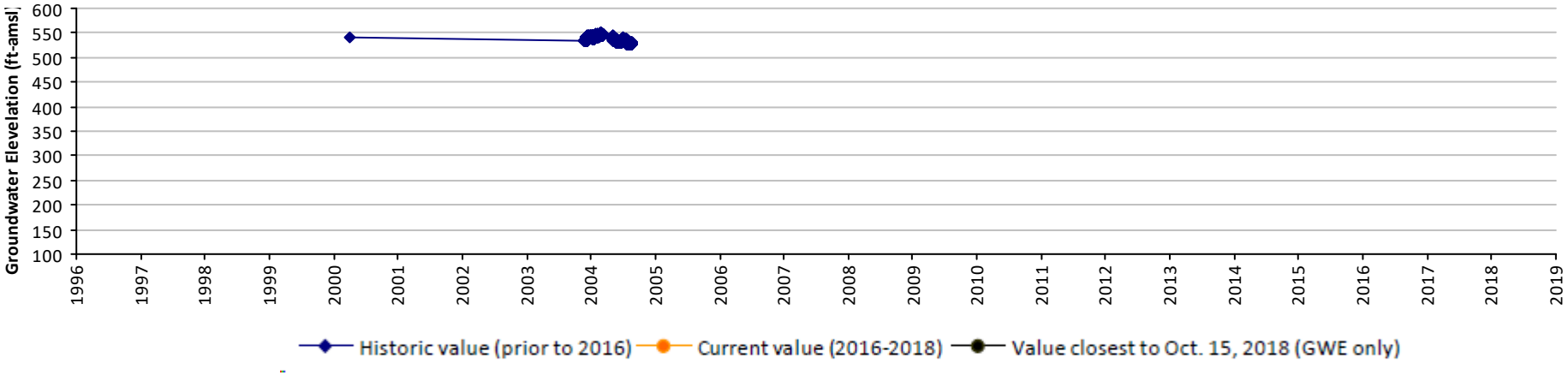

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

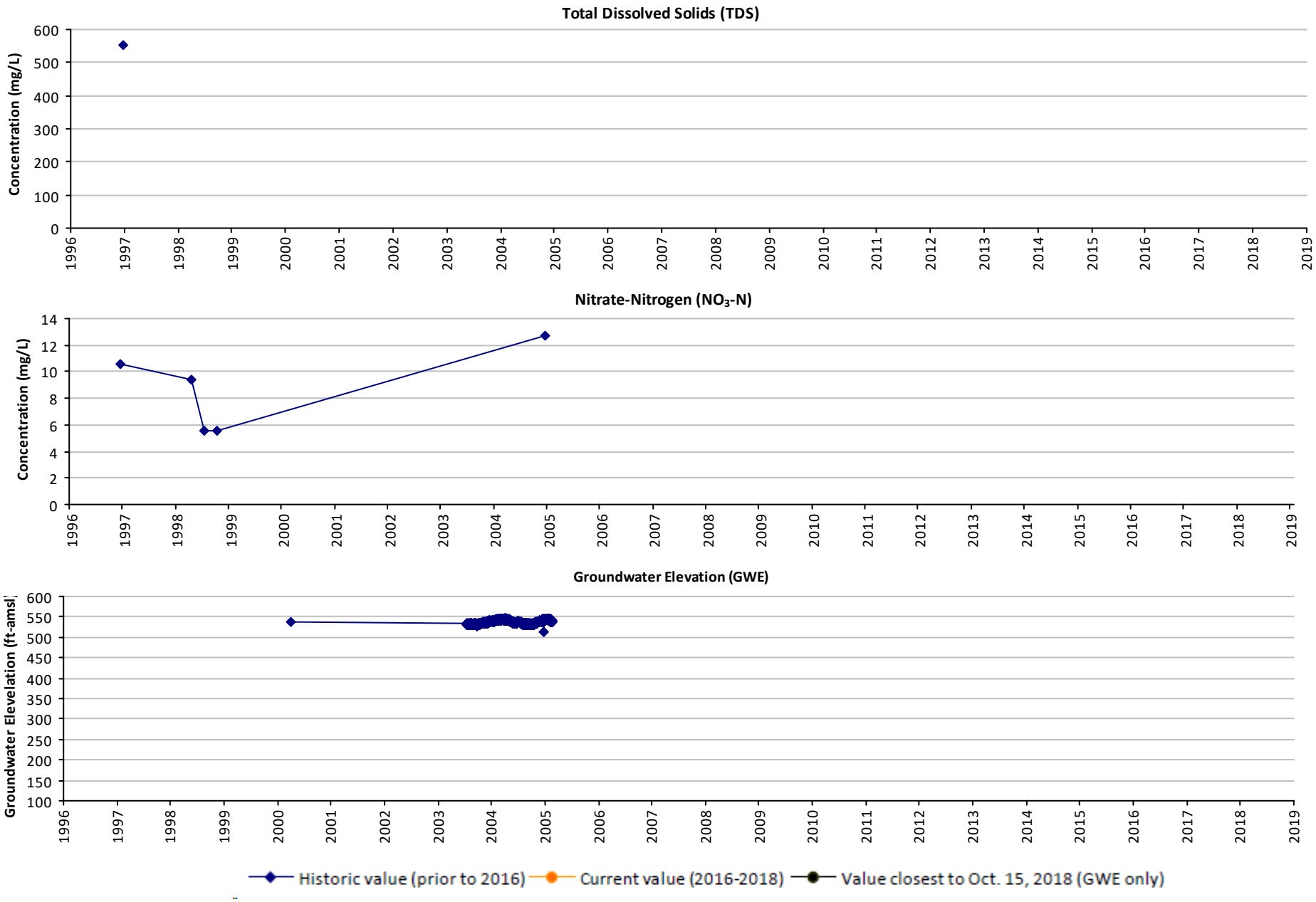
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



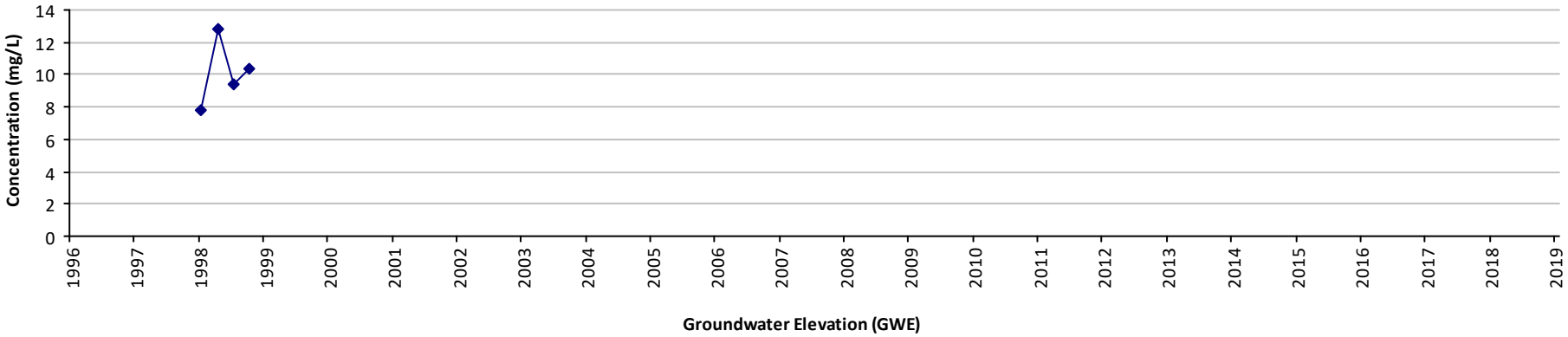
Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

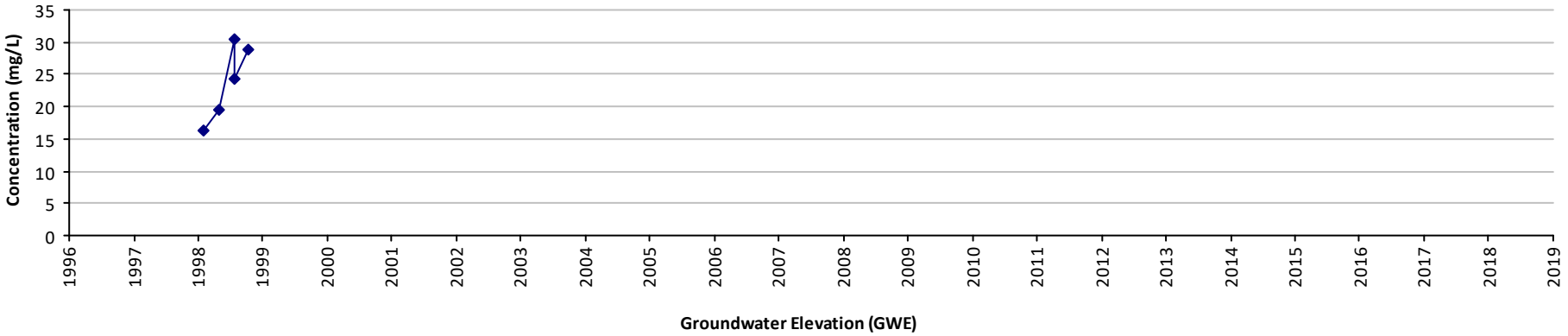
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

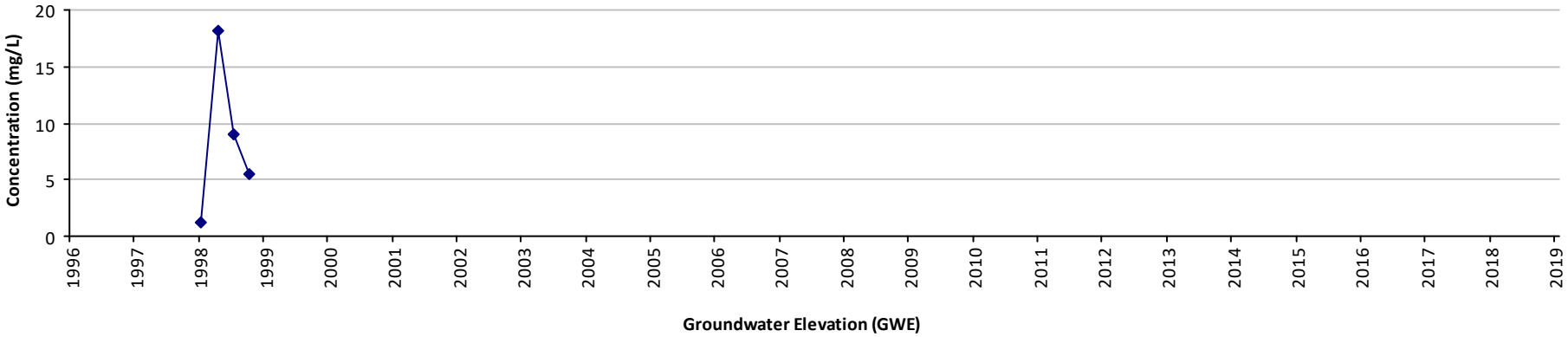
Nitrate-Nitrogen (NO_3-N)



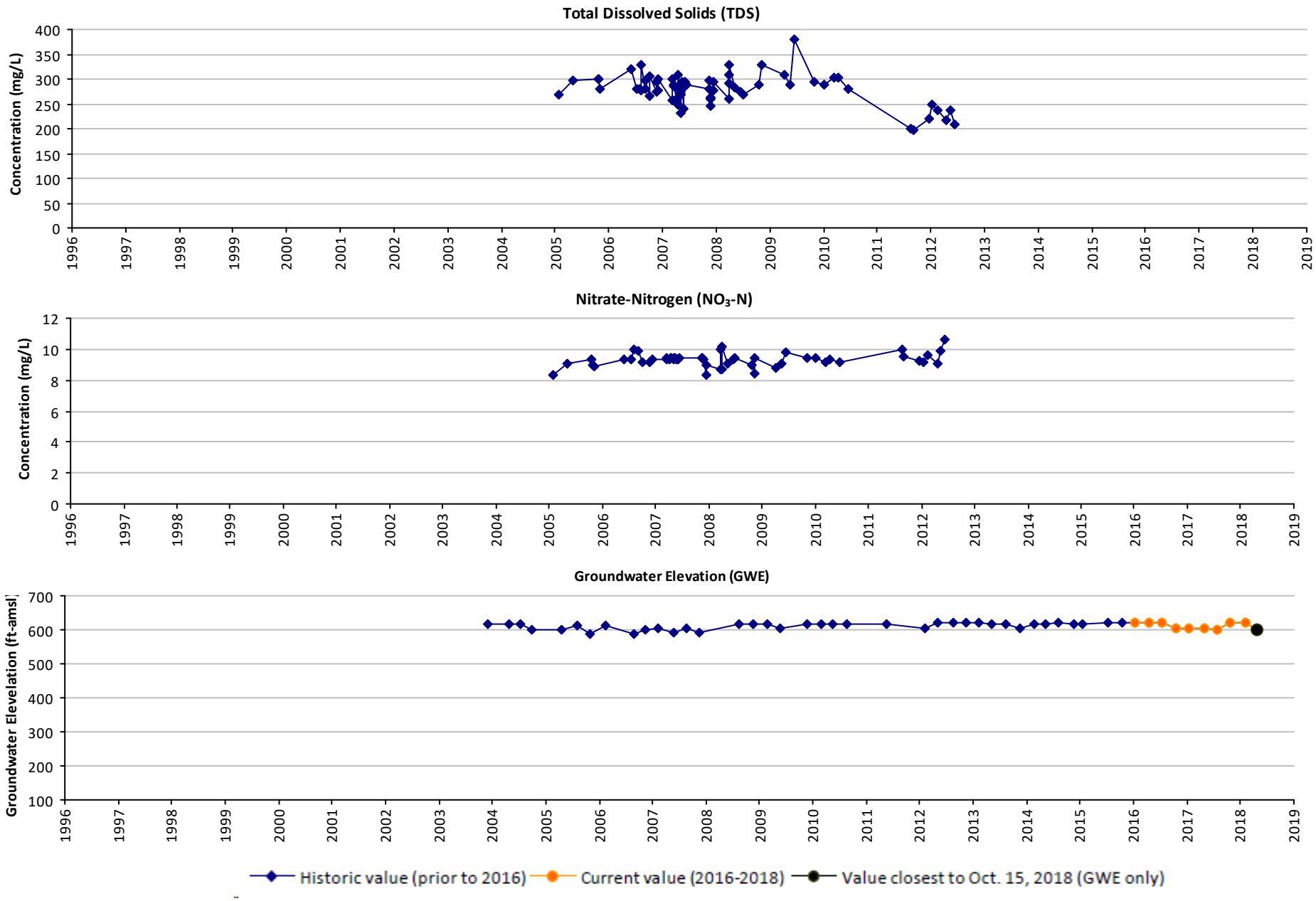
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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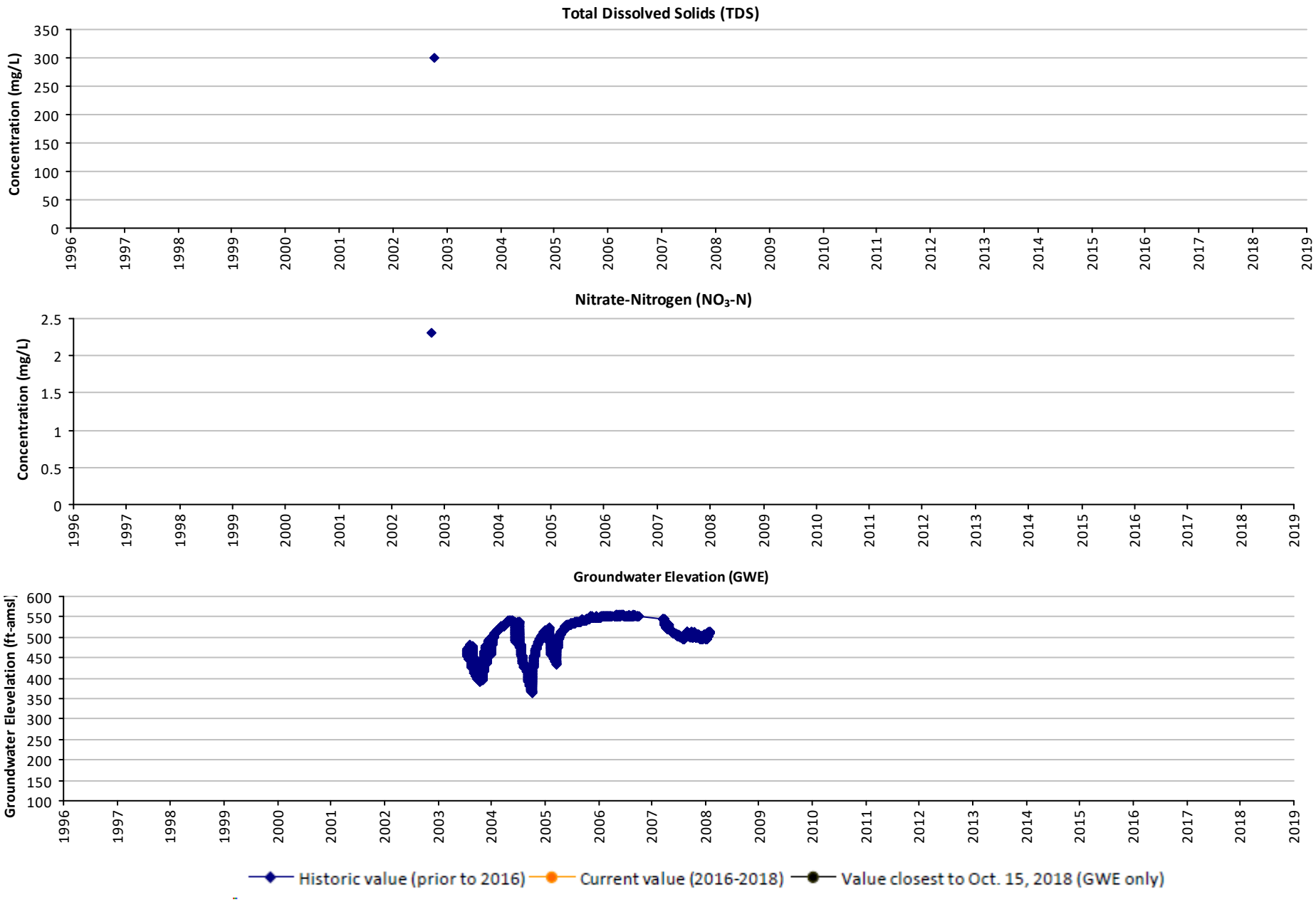
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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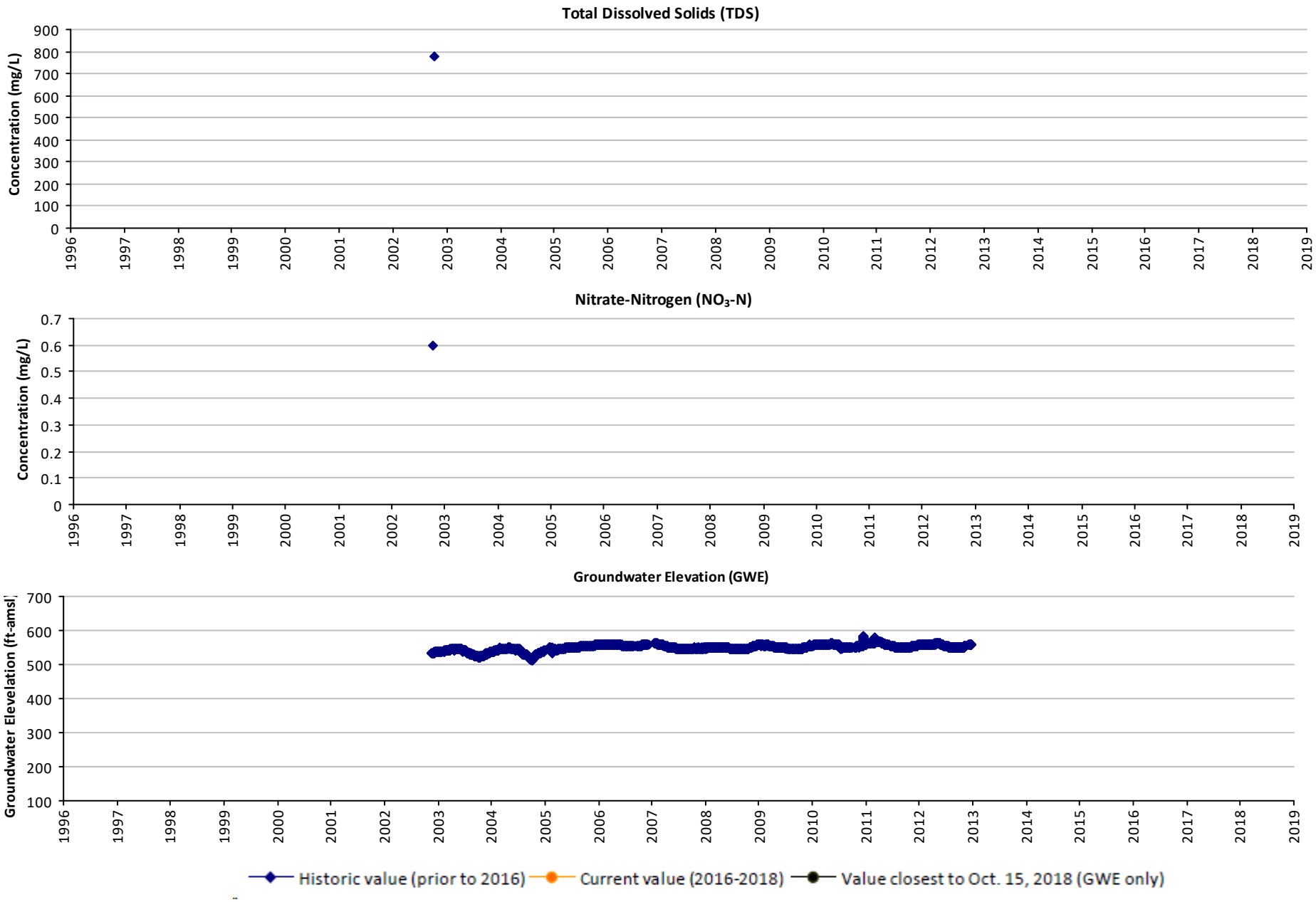
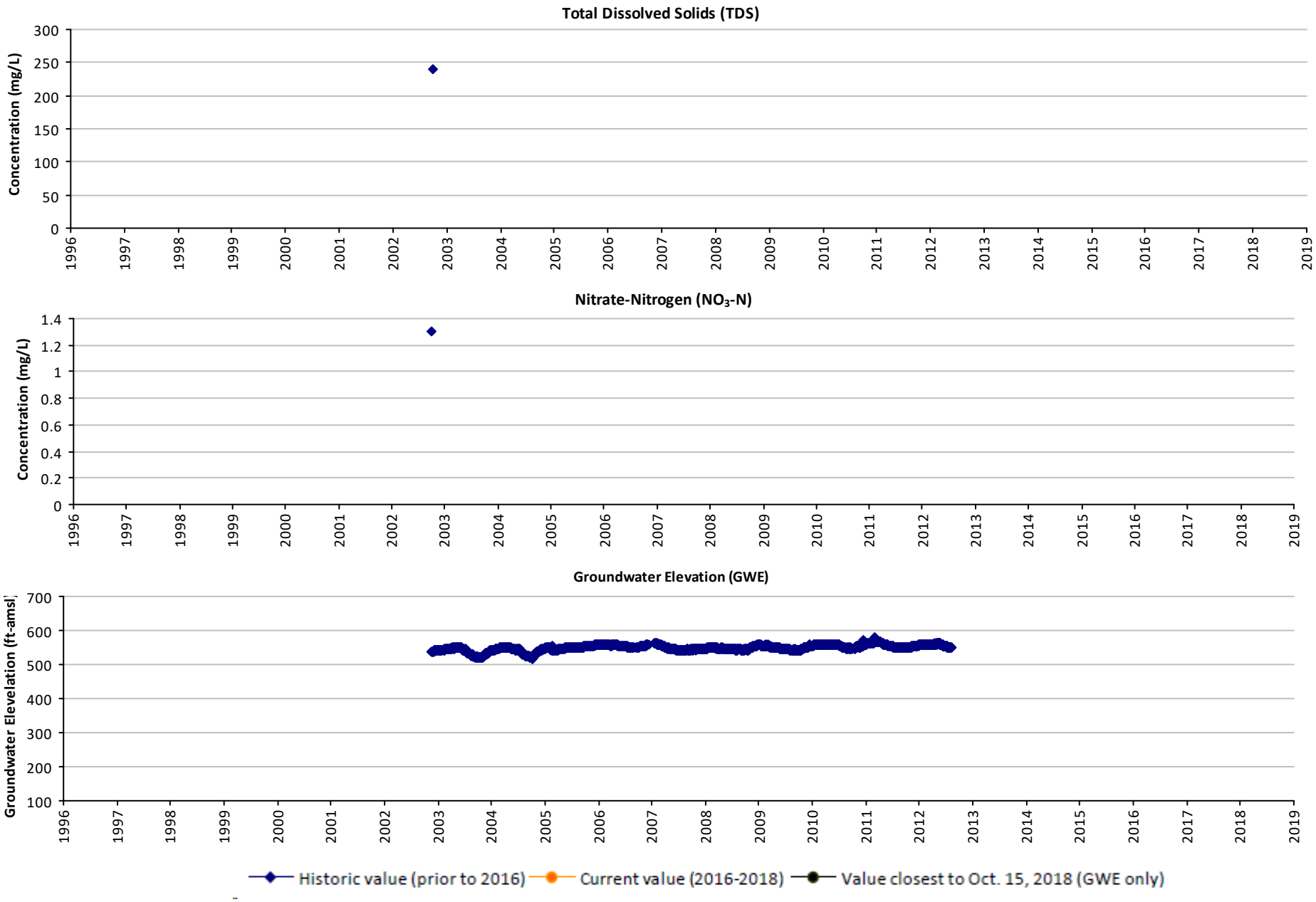

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
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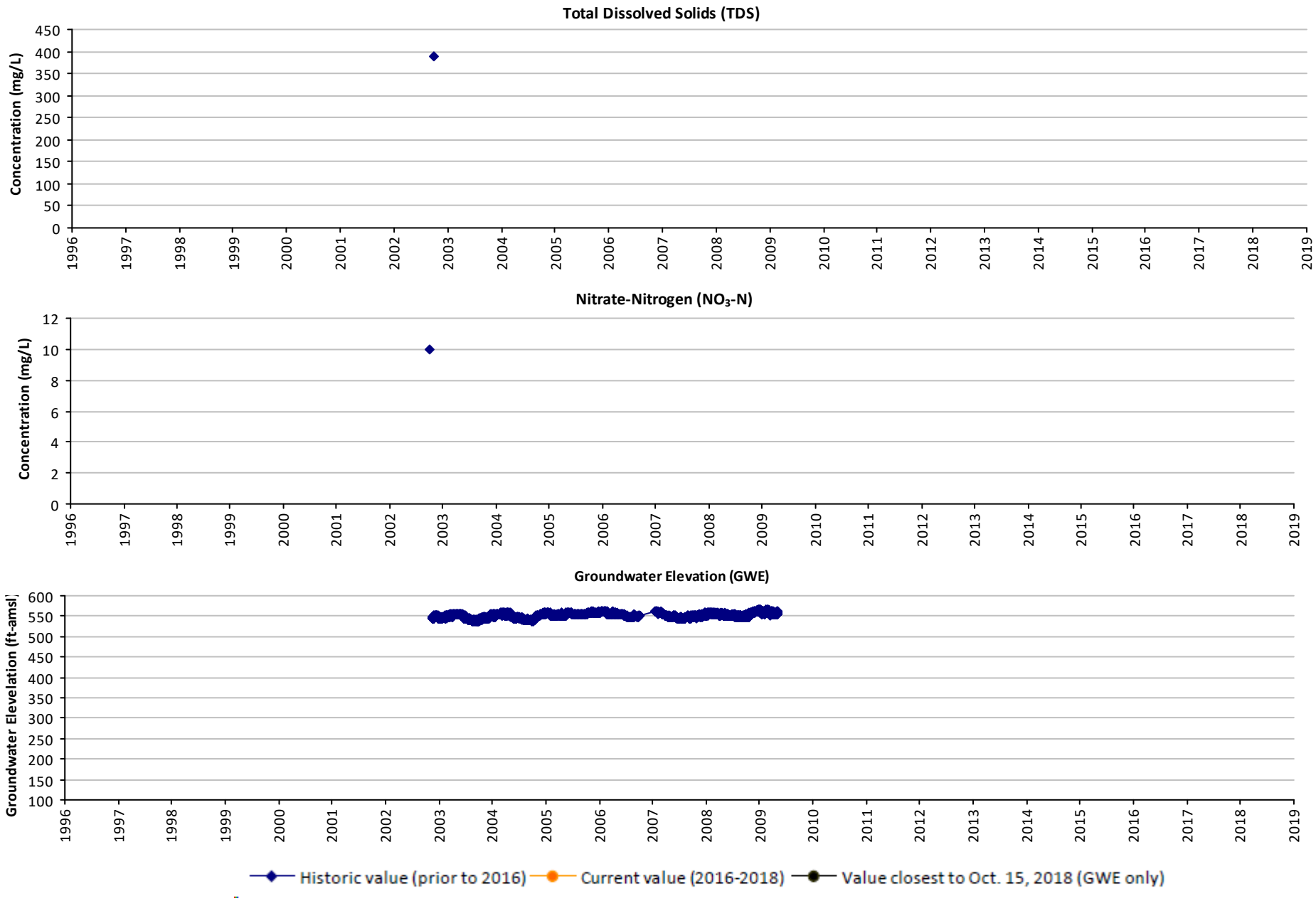
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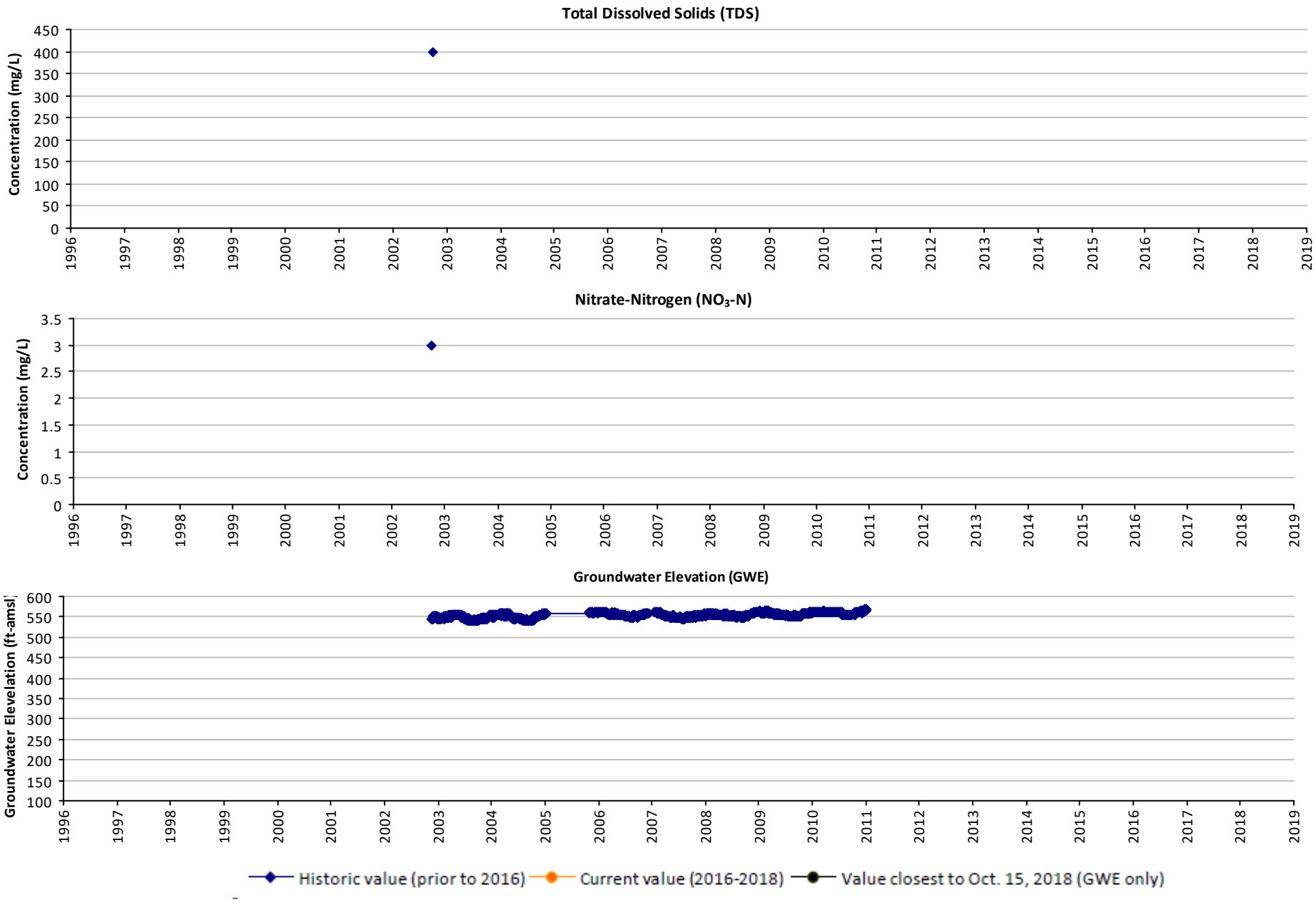
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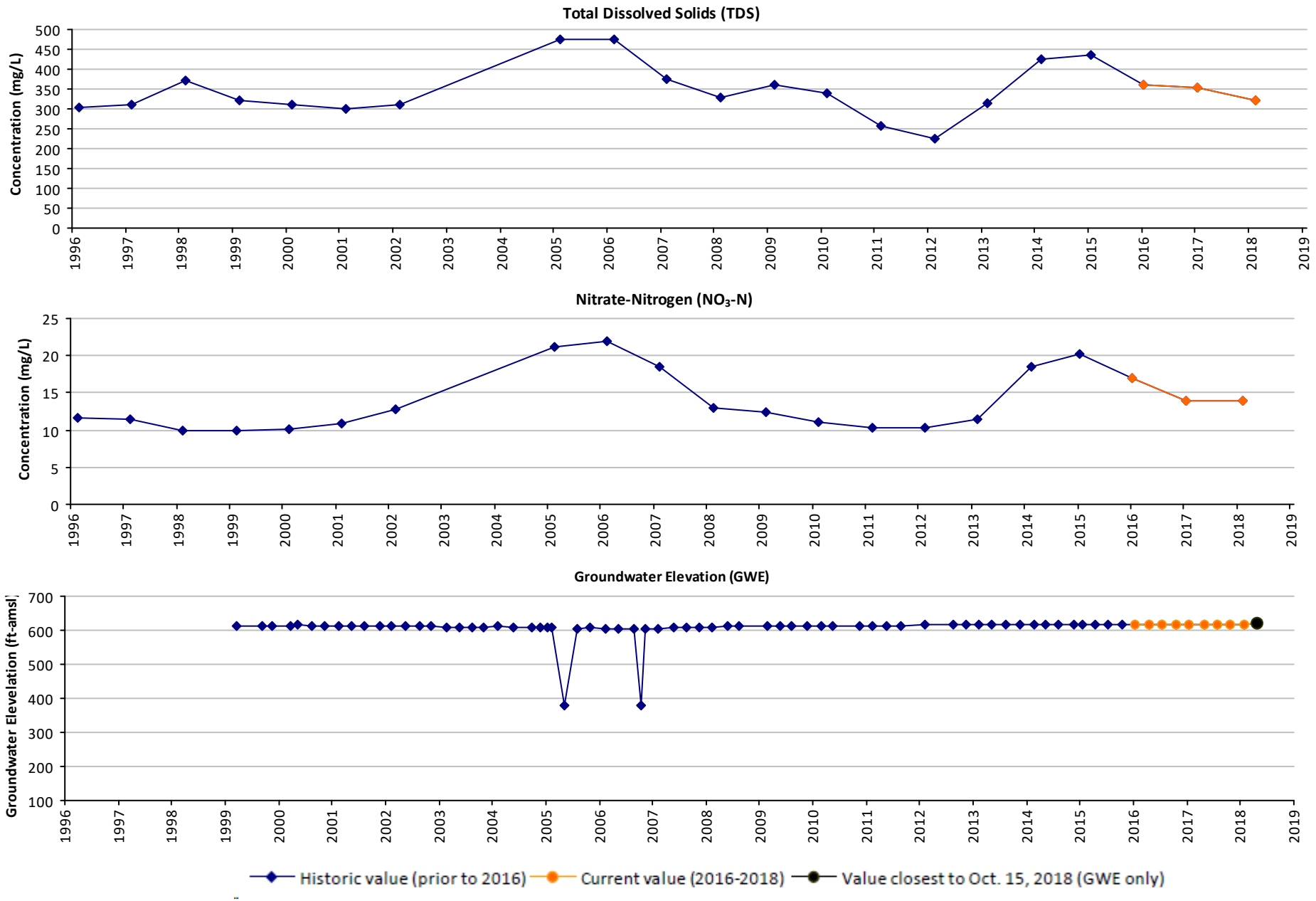
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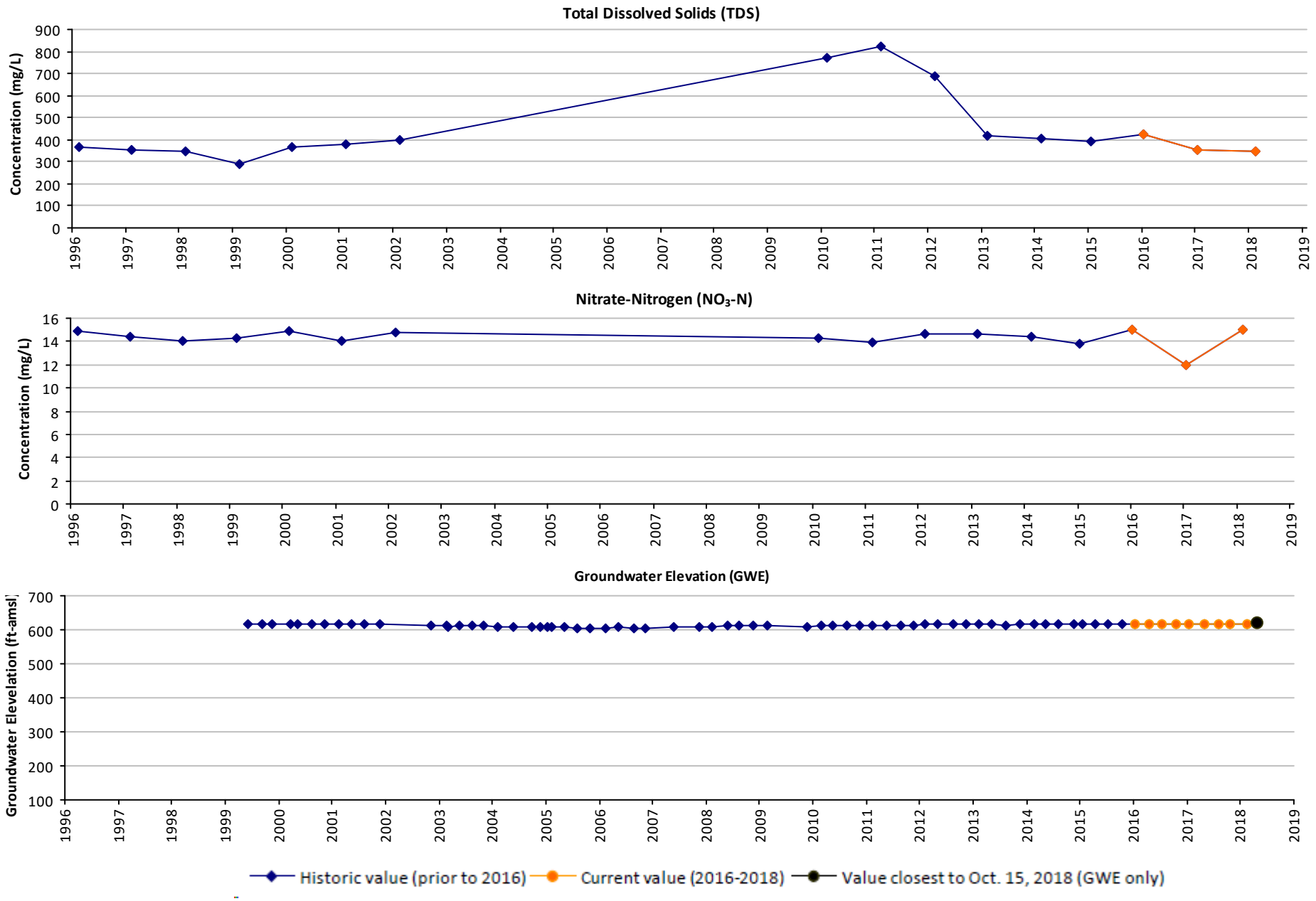
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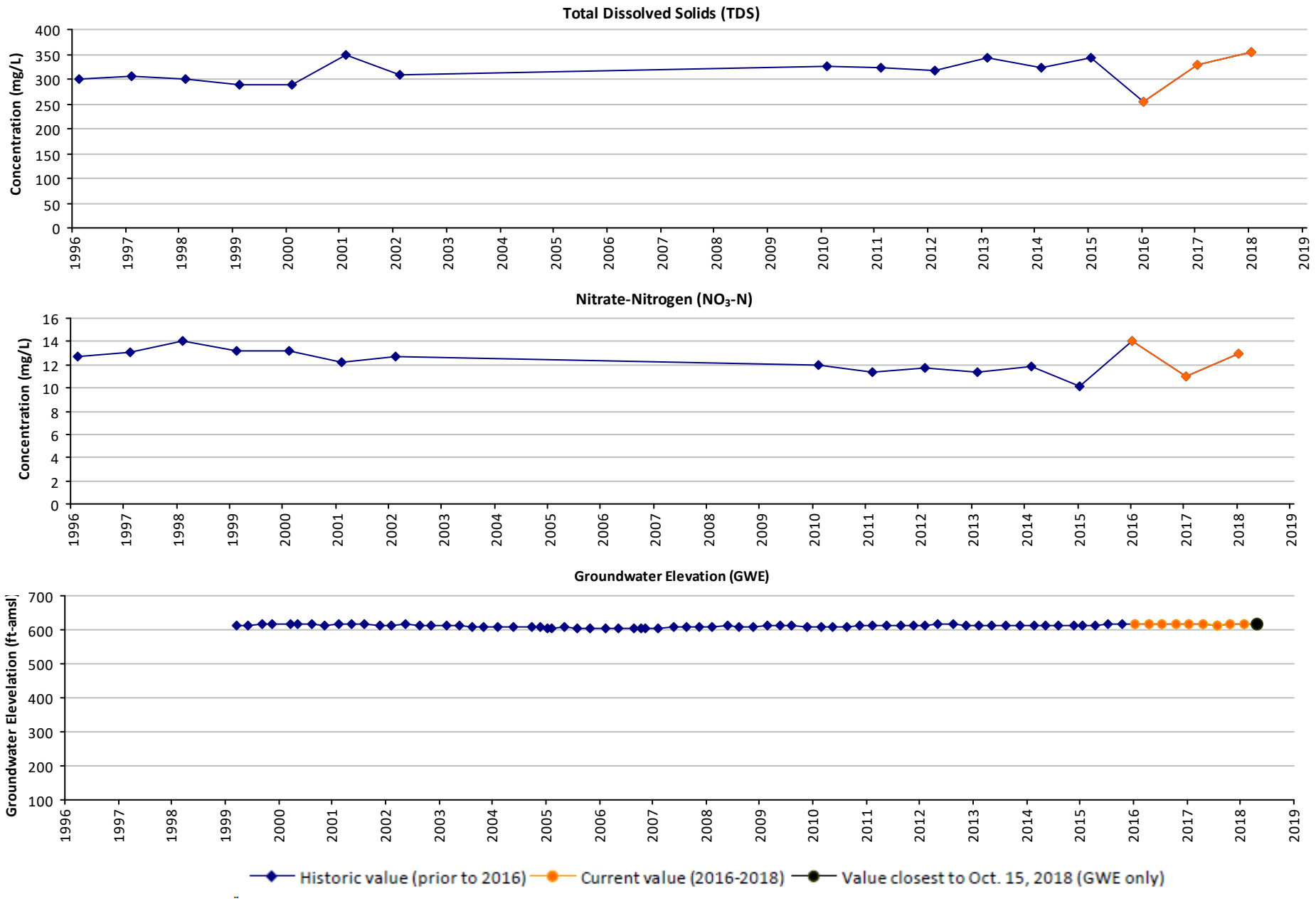
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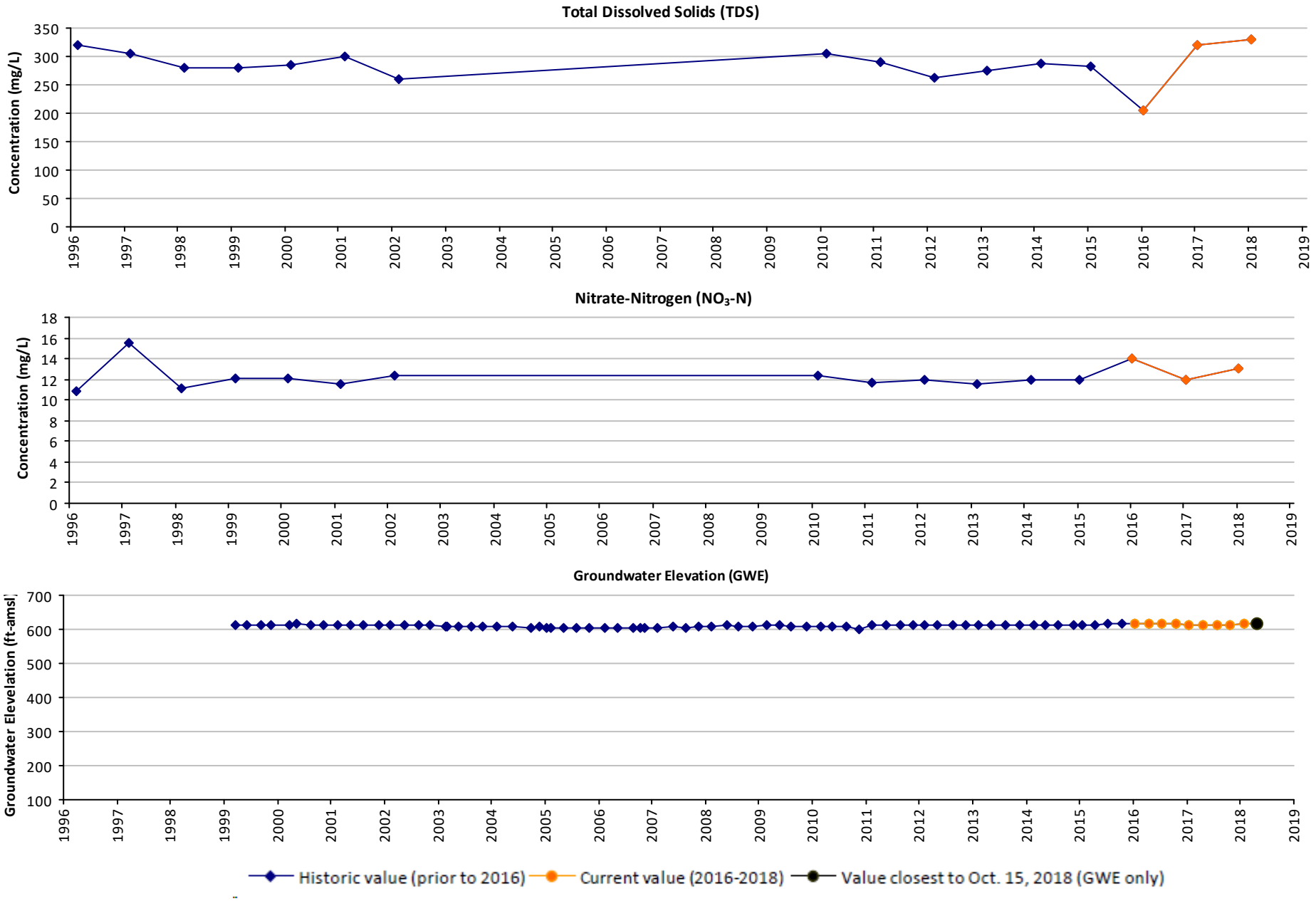
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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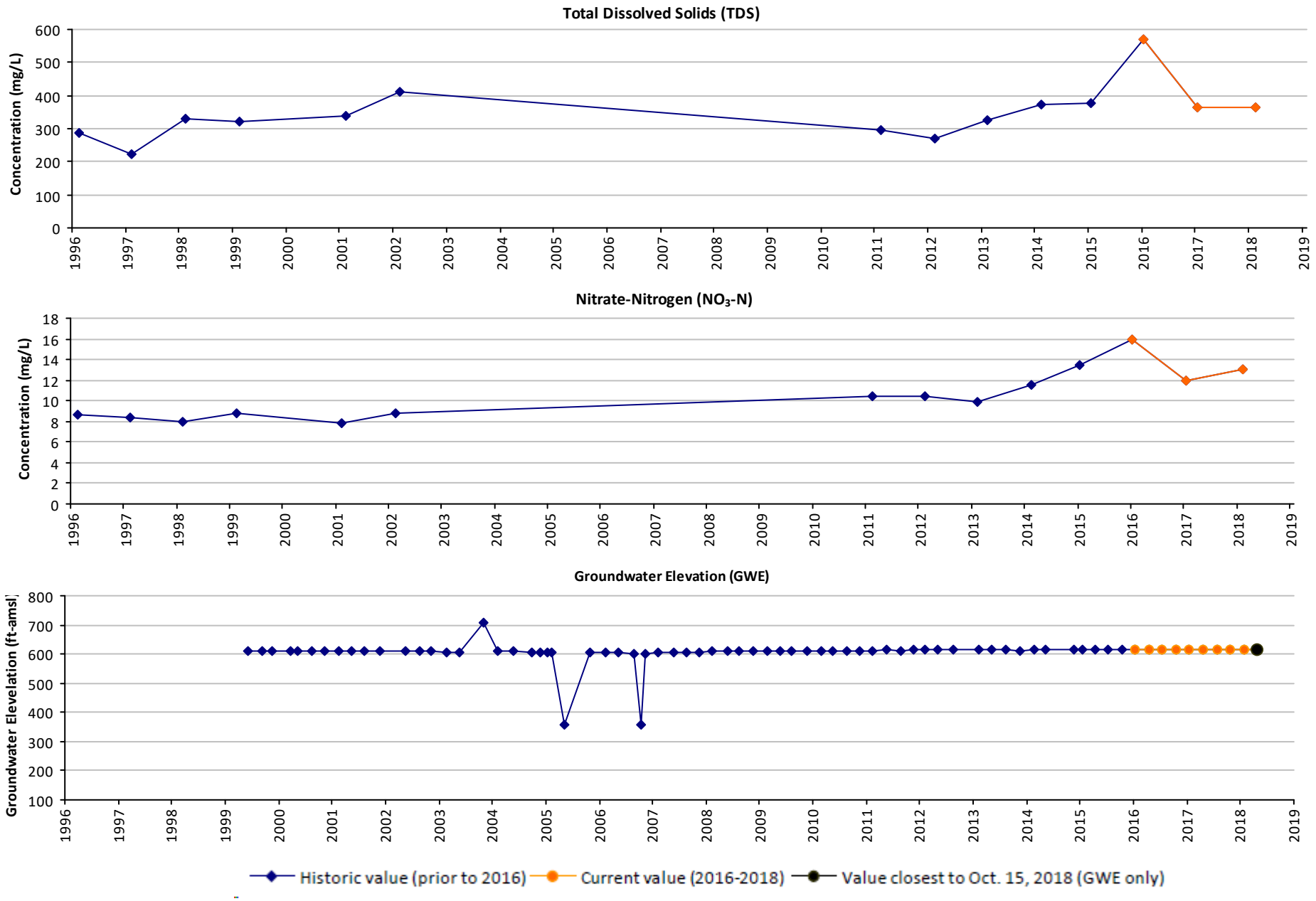
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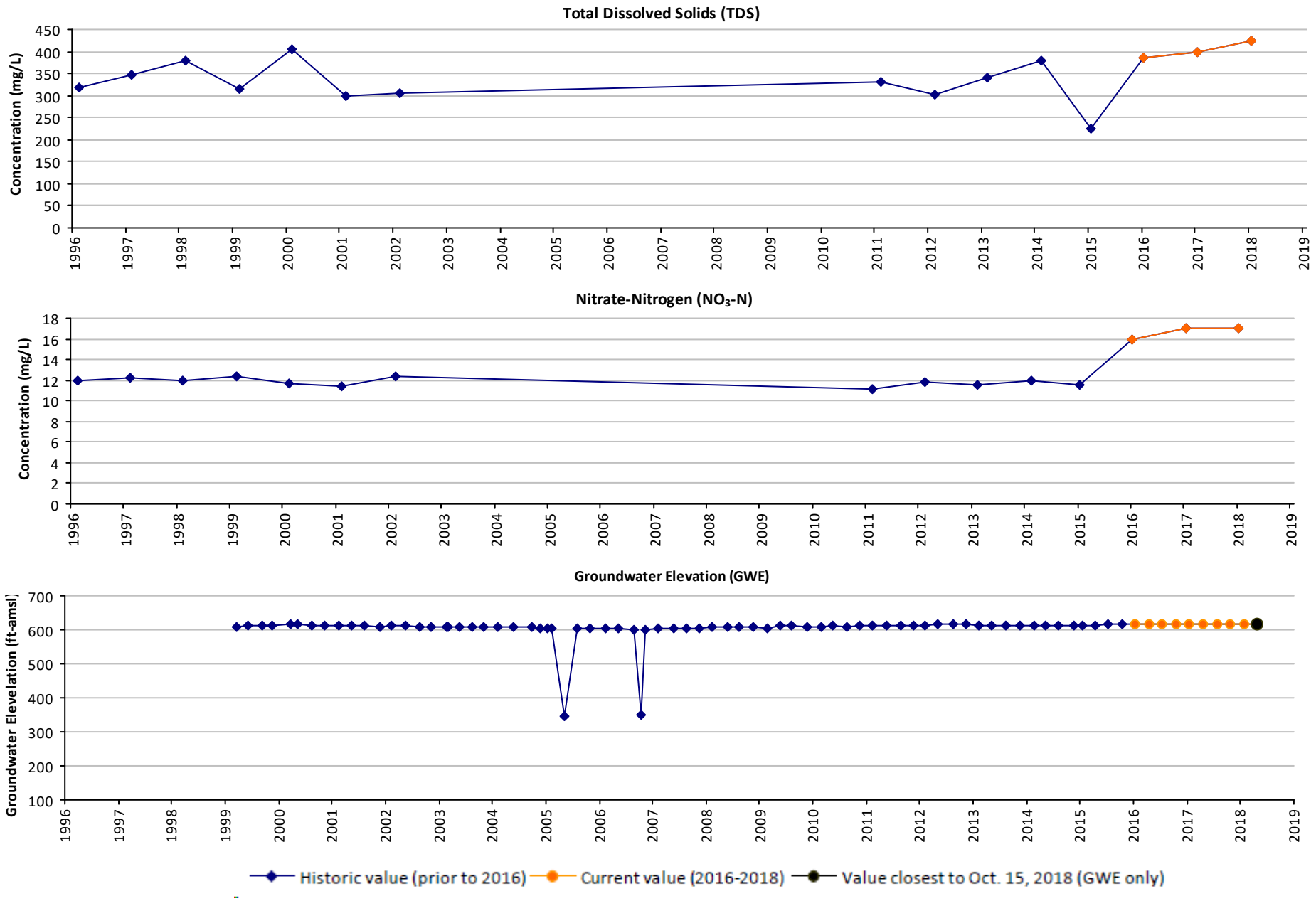
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Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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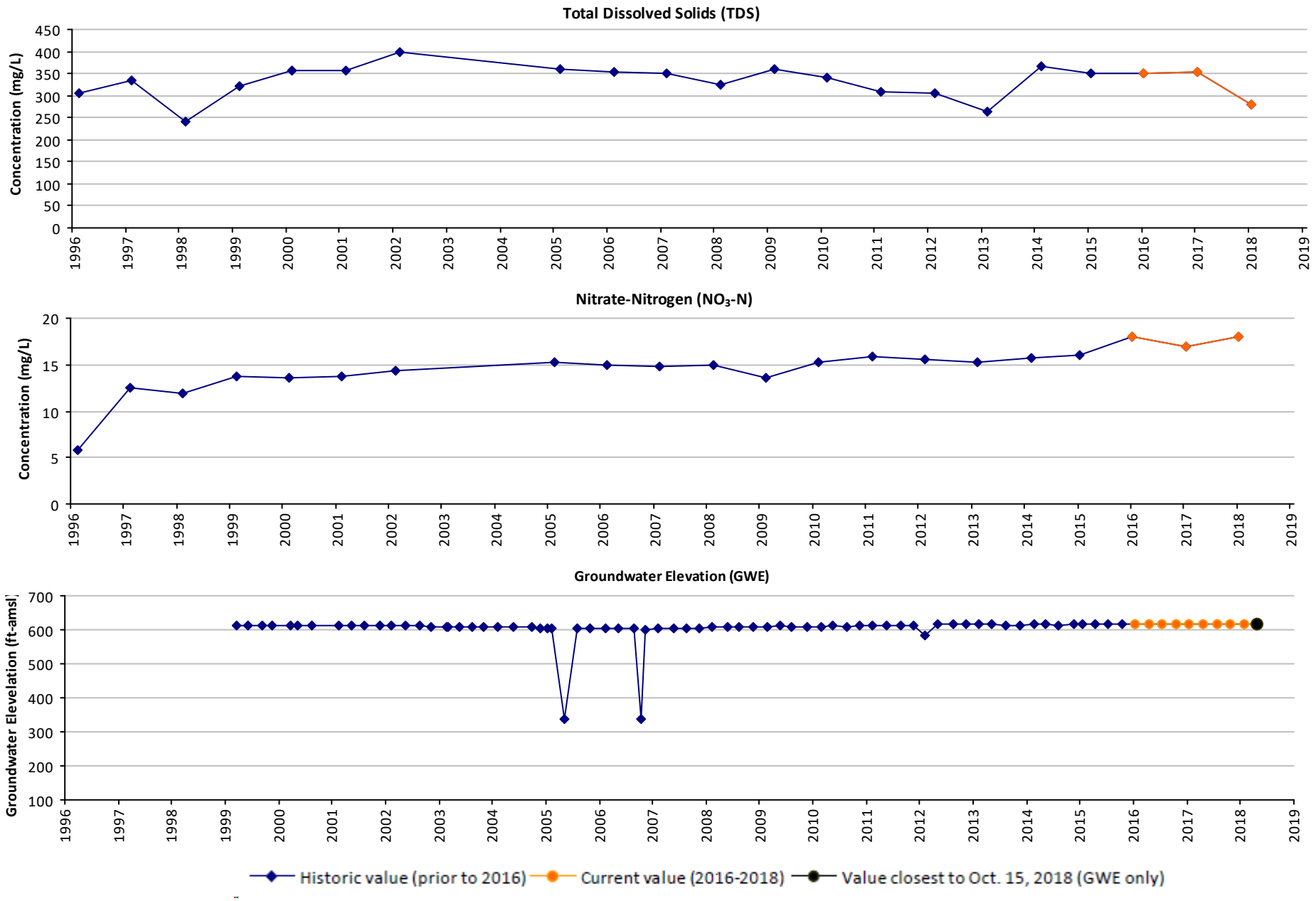
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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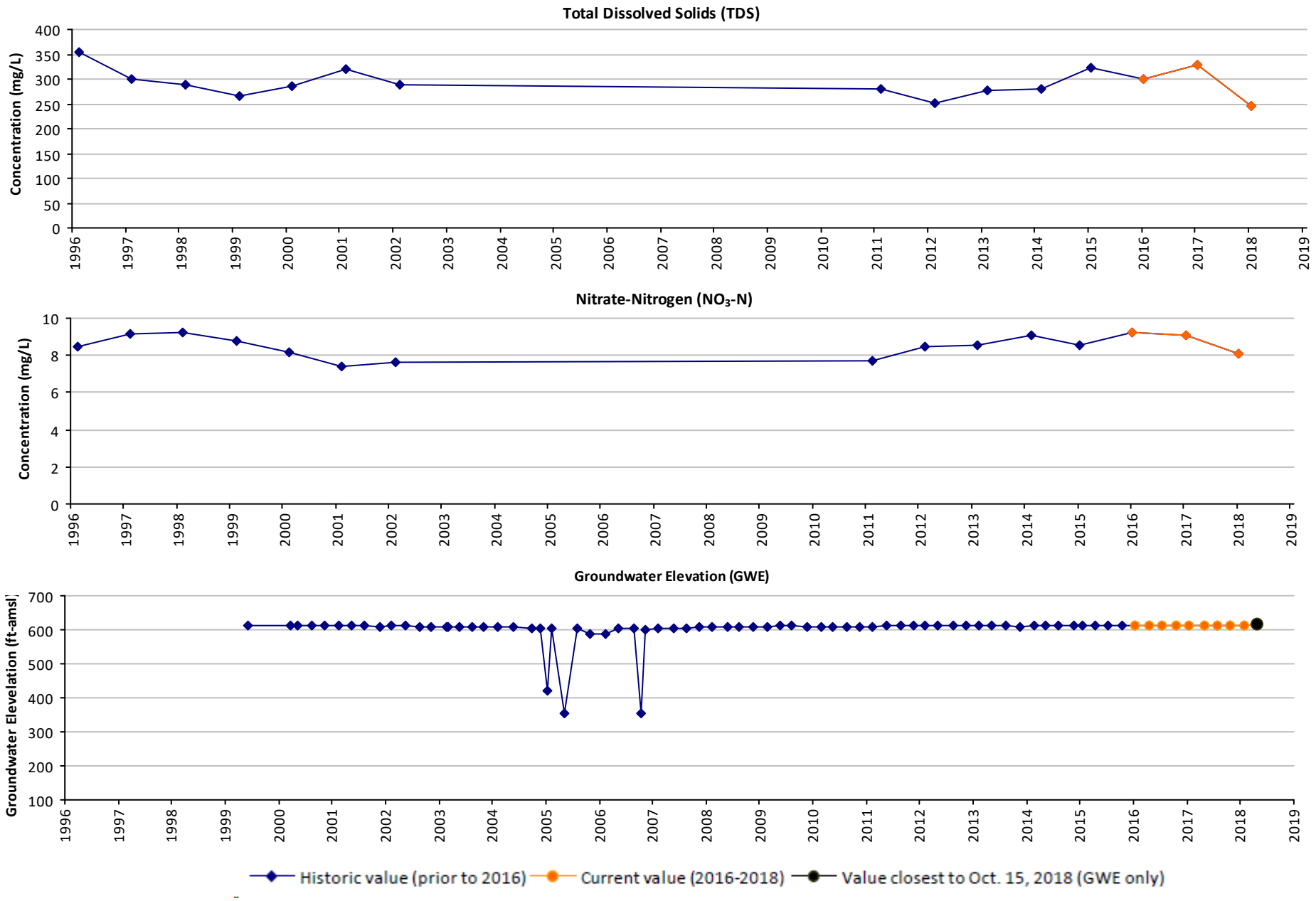
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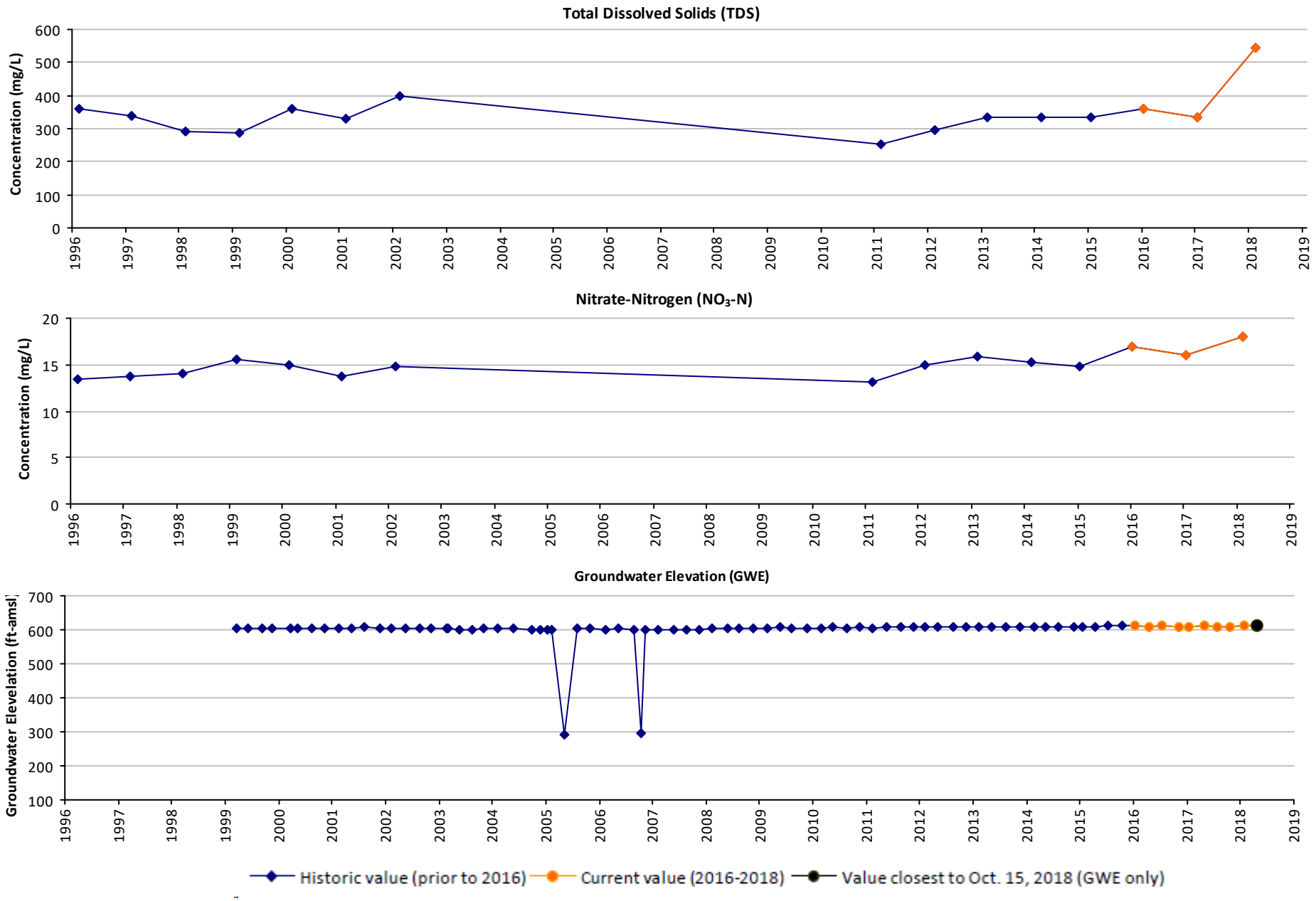
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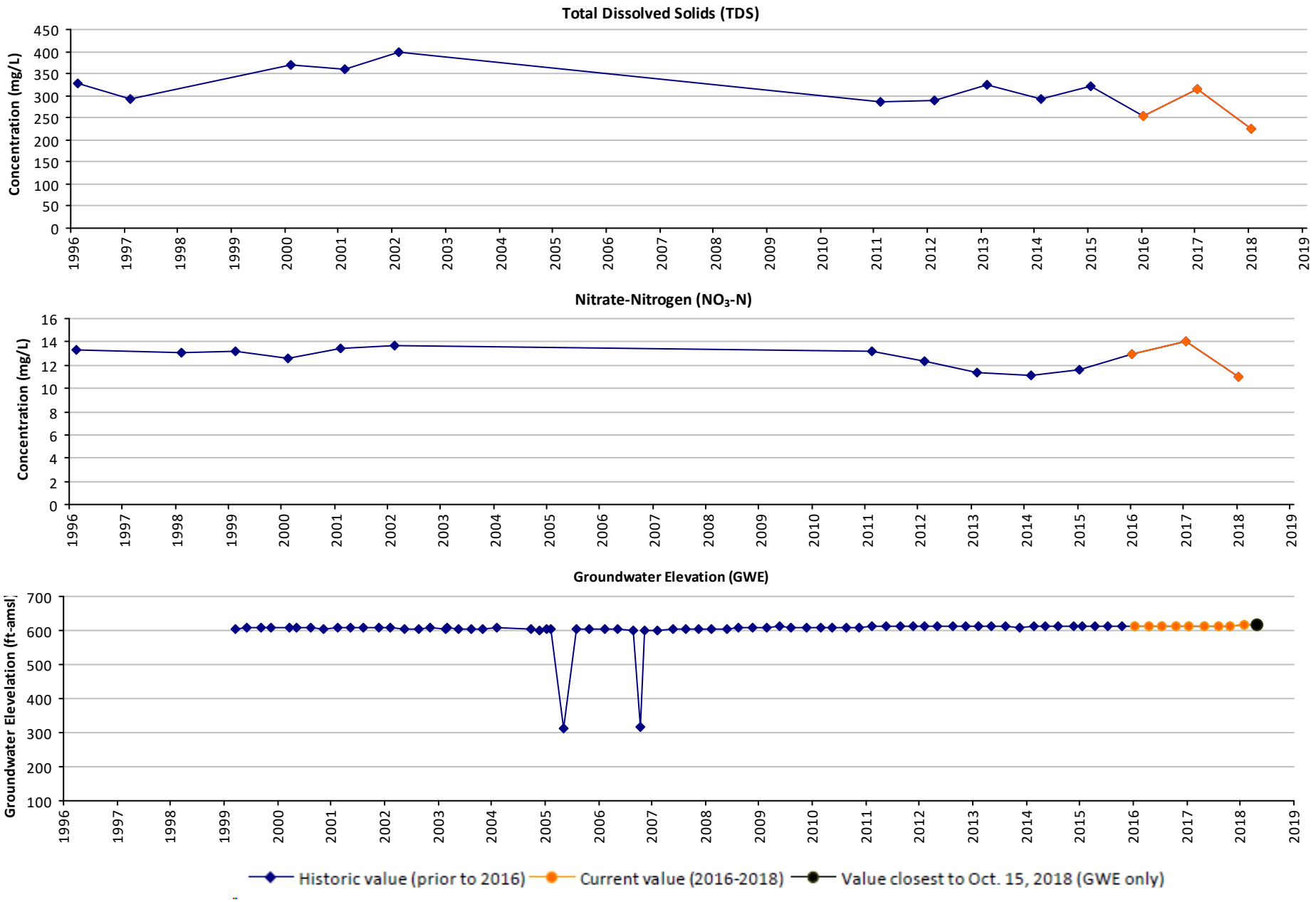
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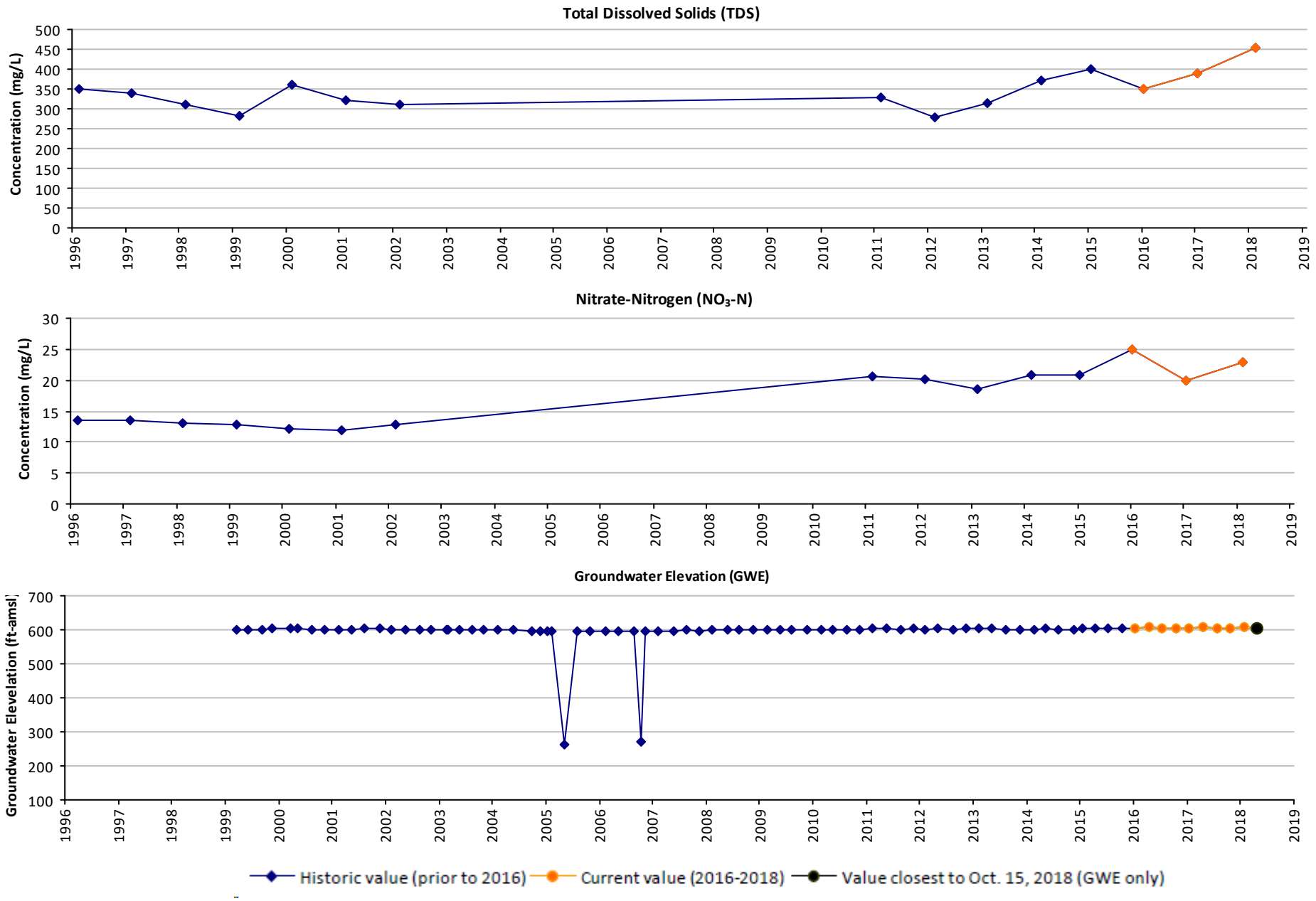
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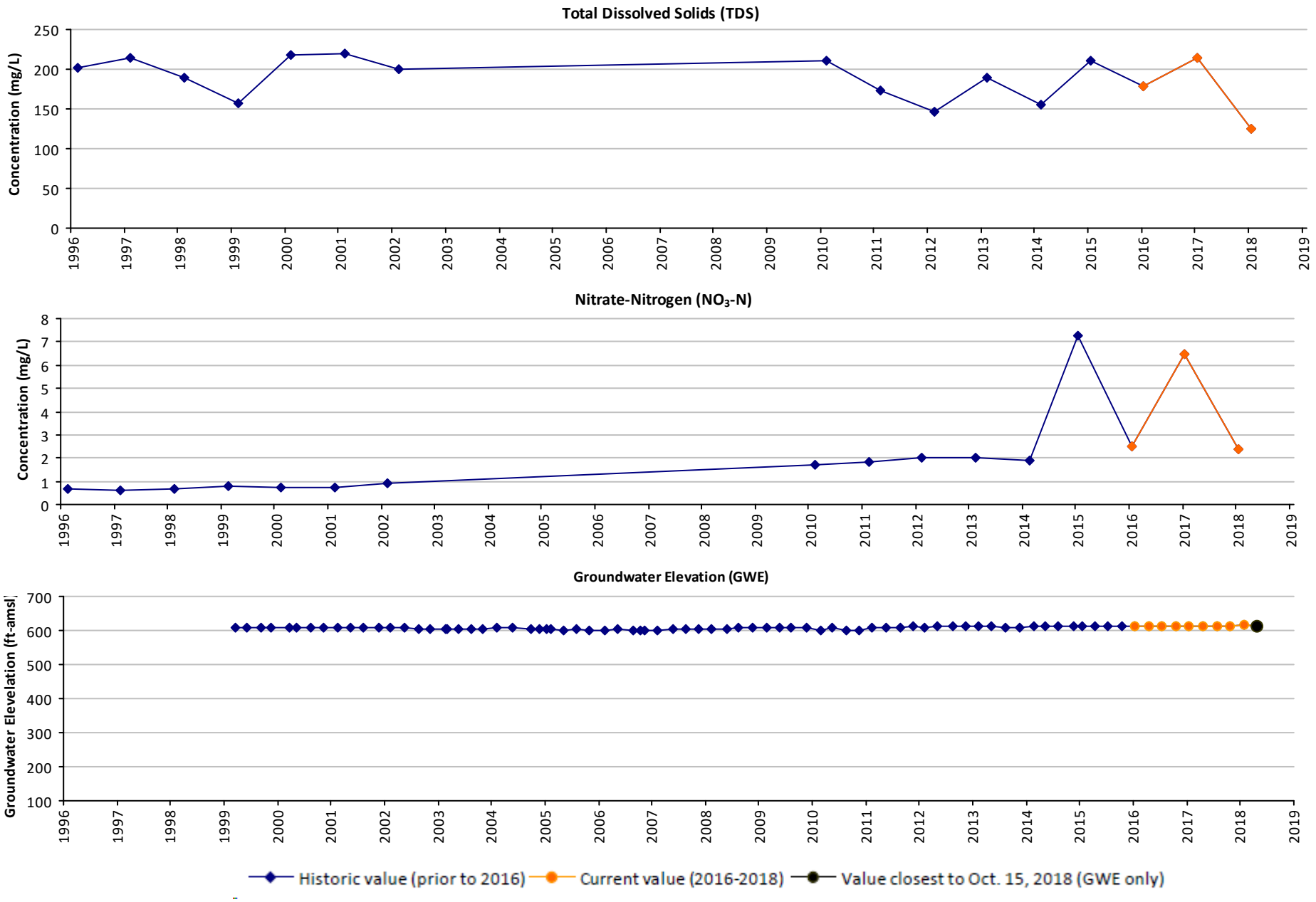
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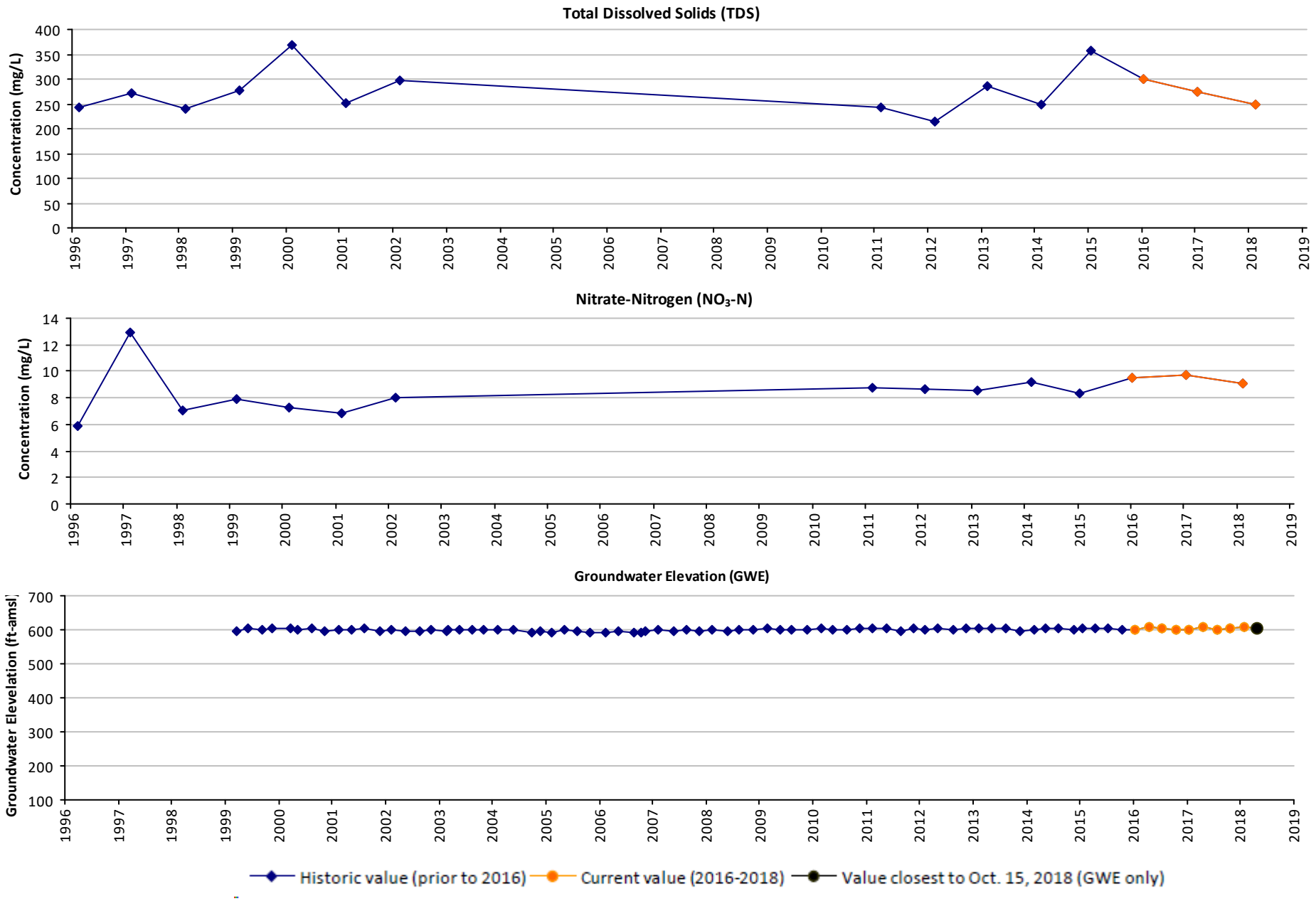
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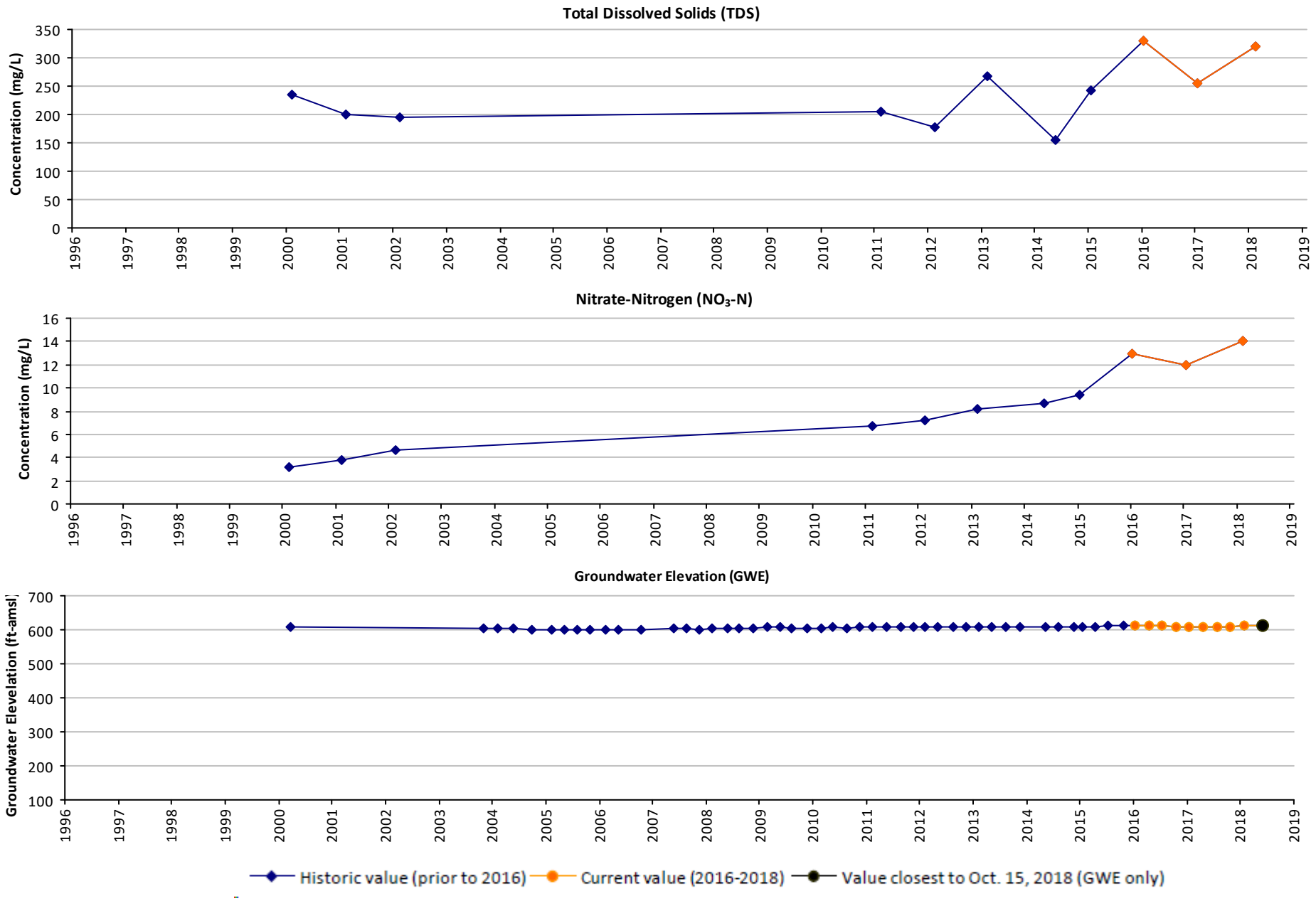
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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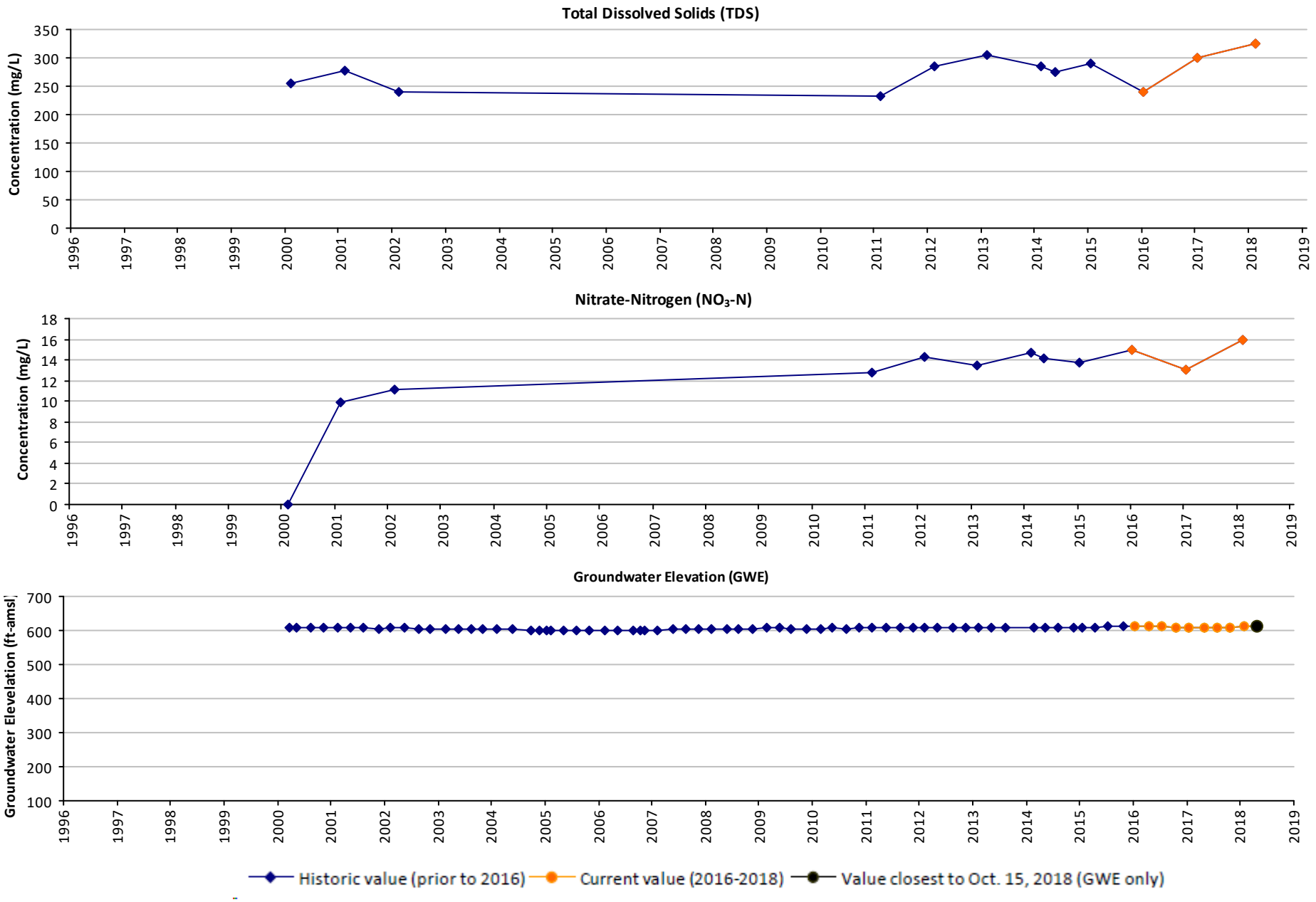
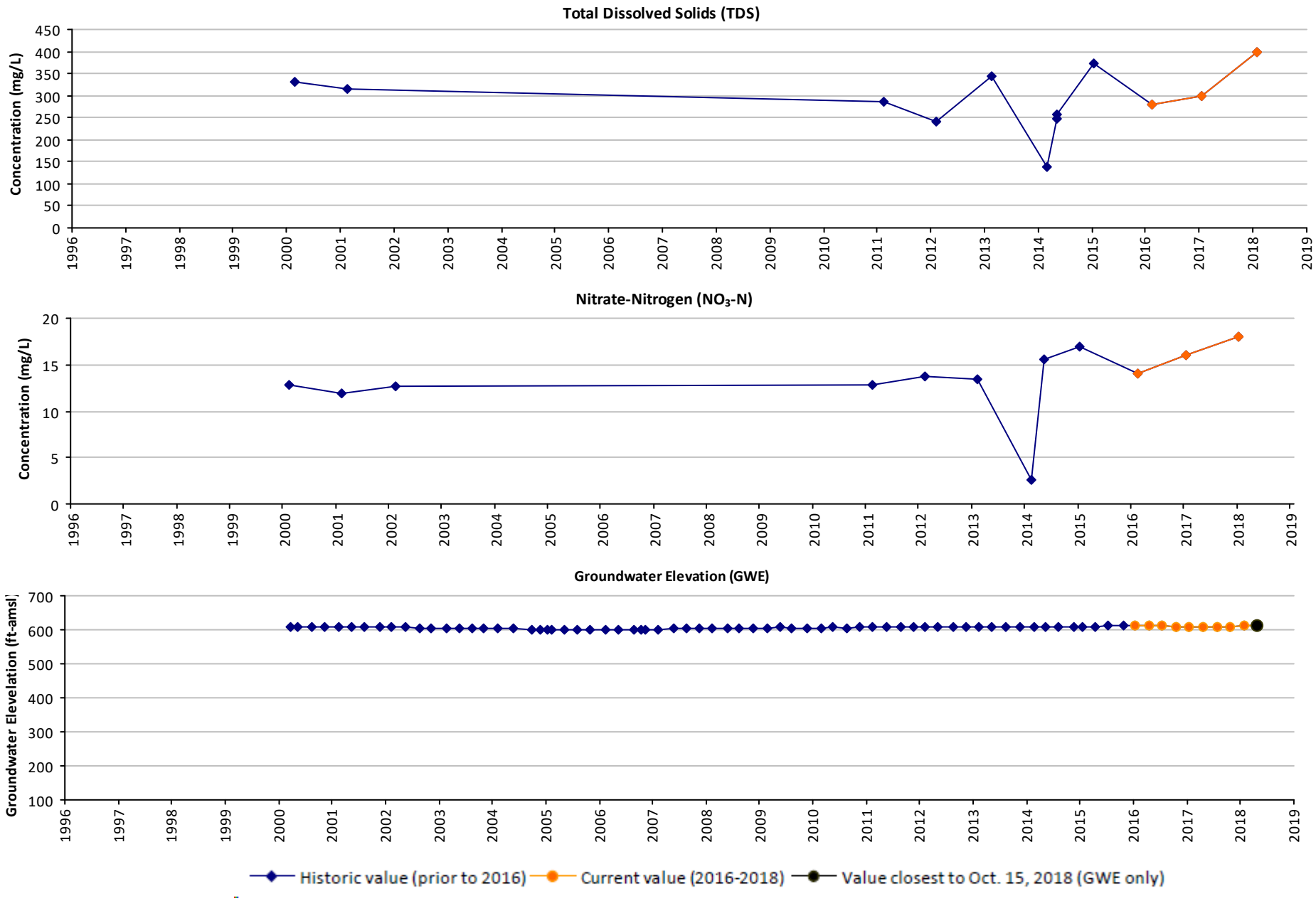
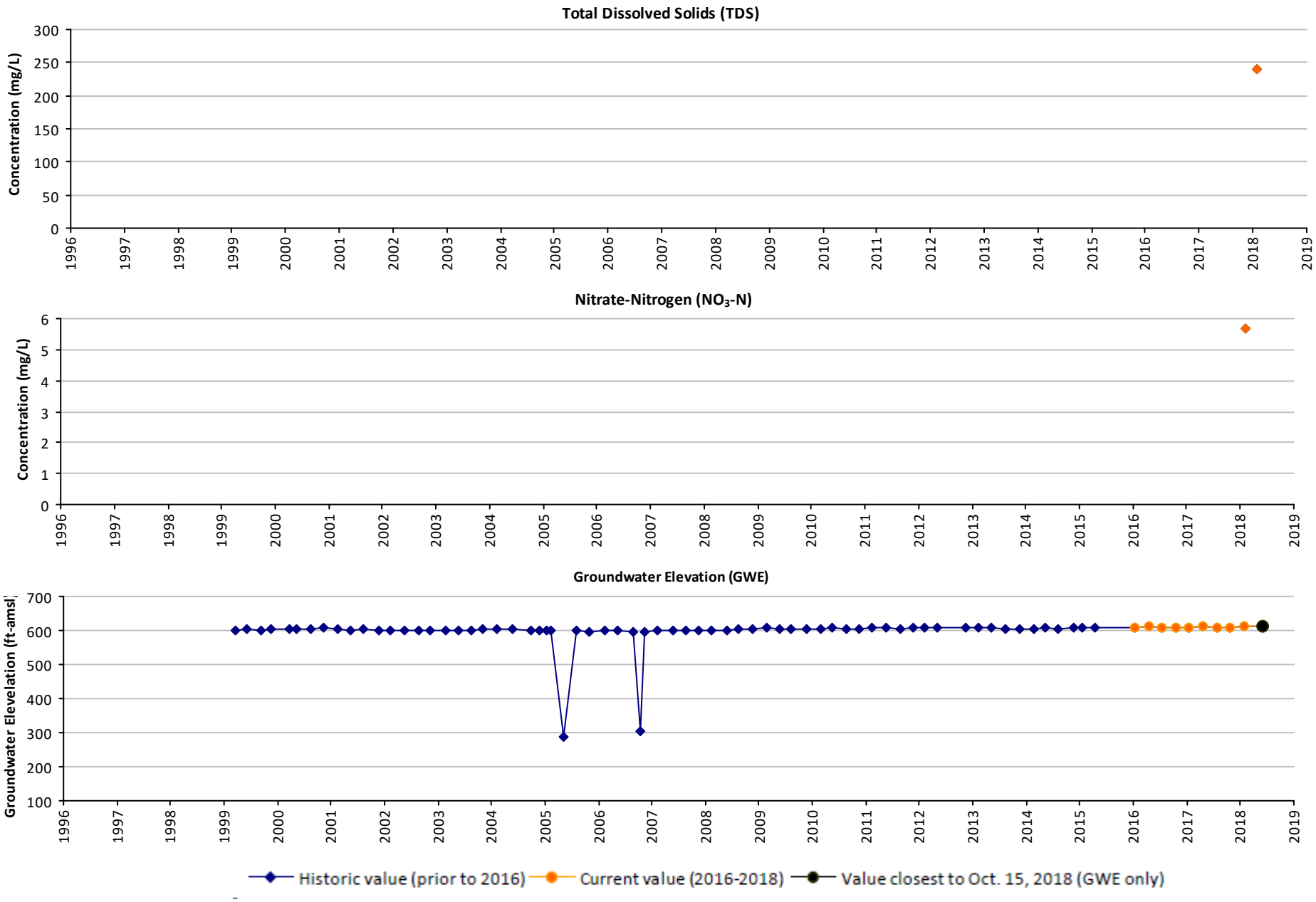
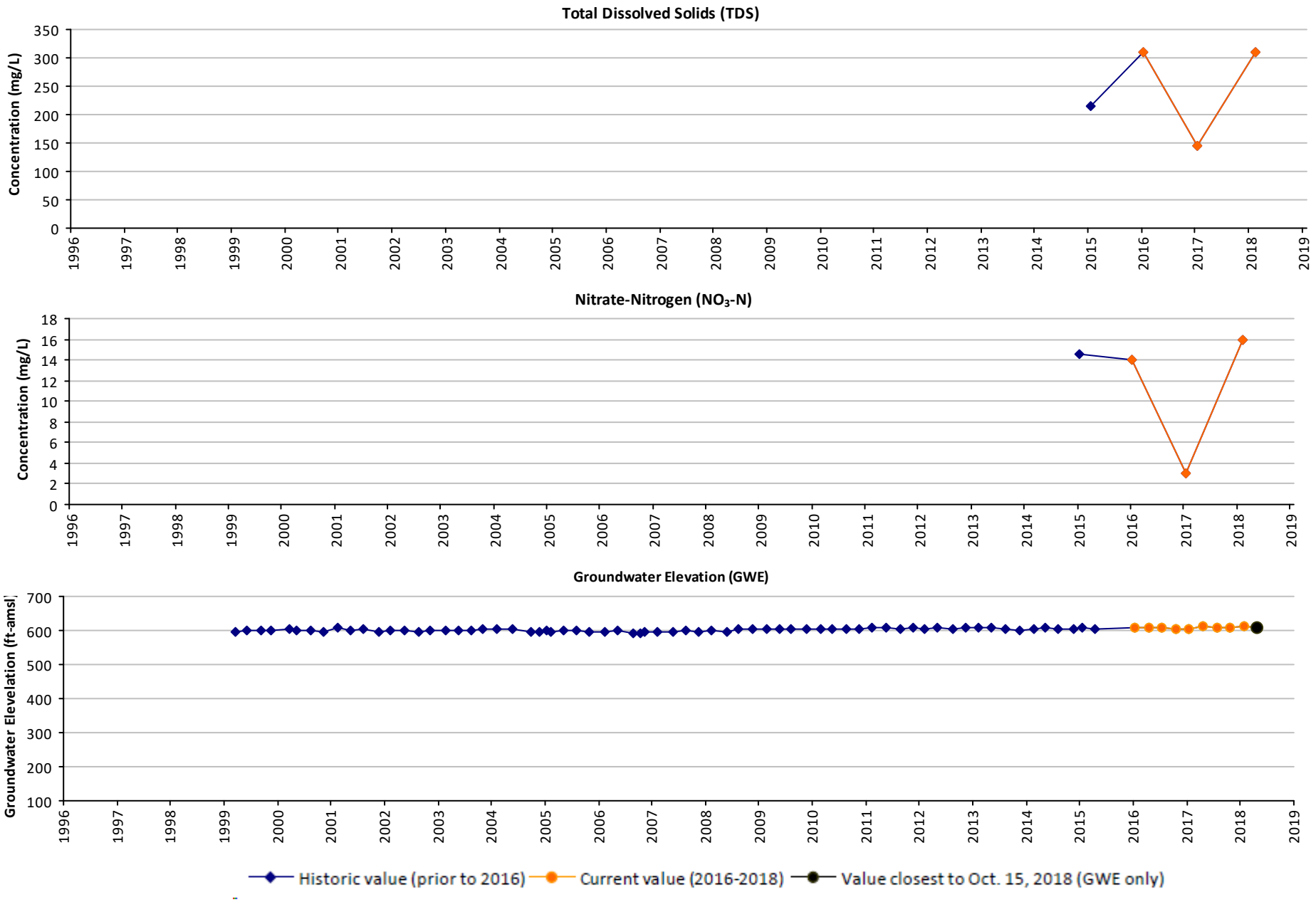
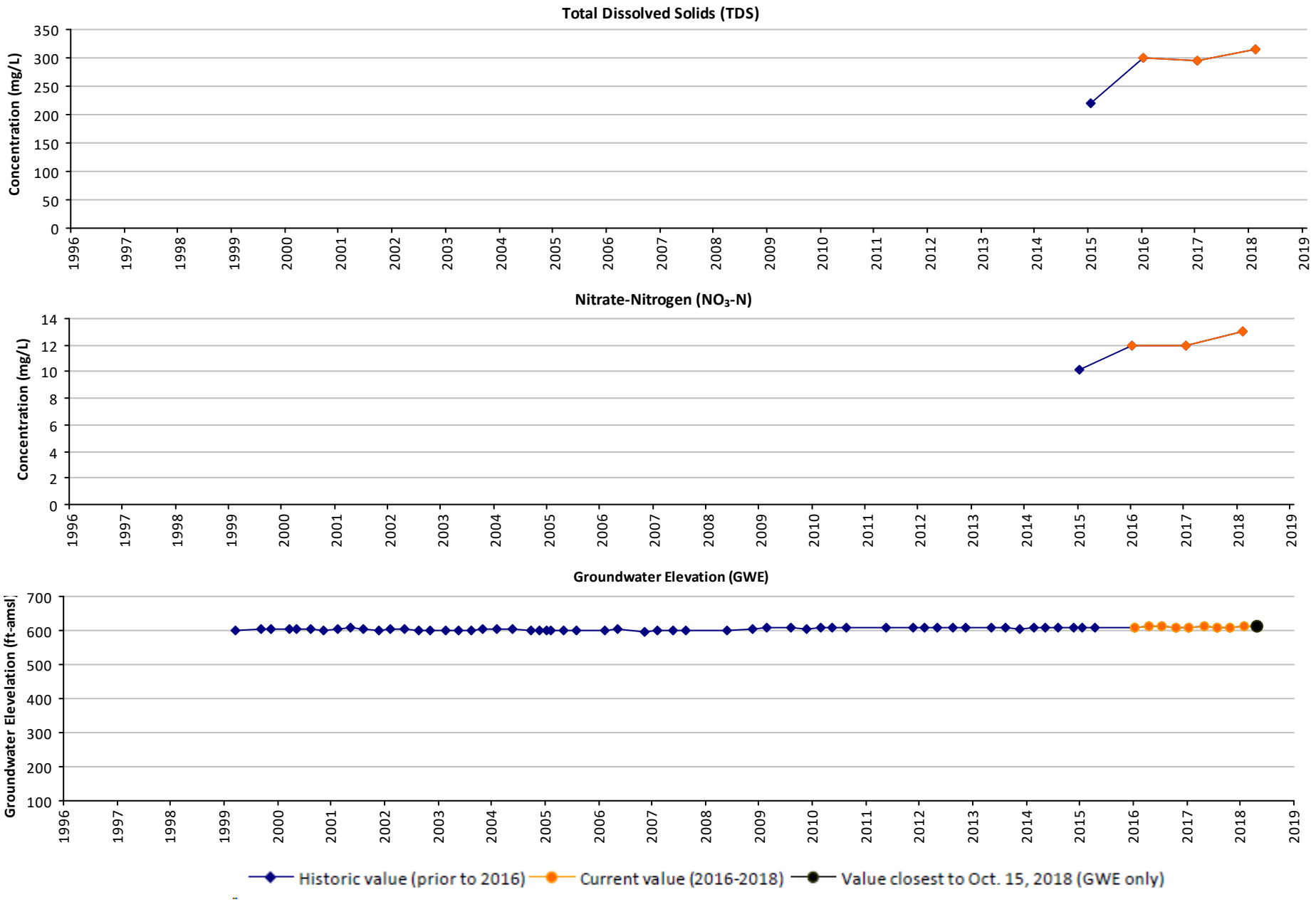
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

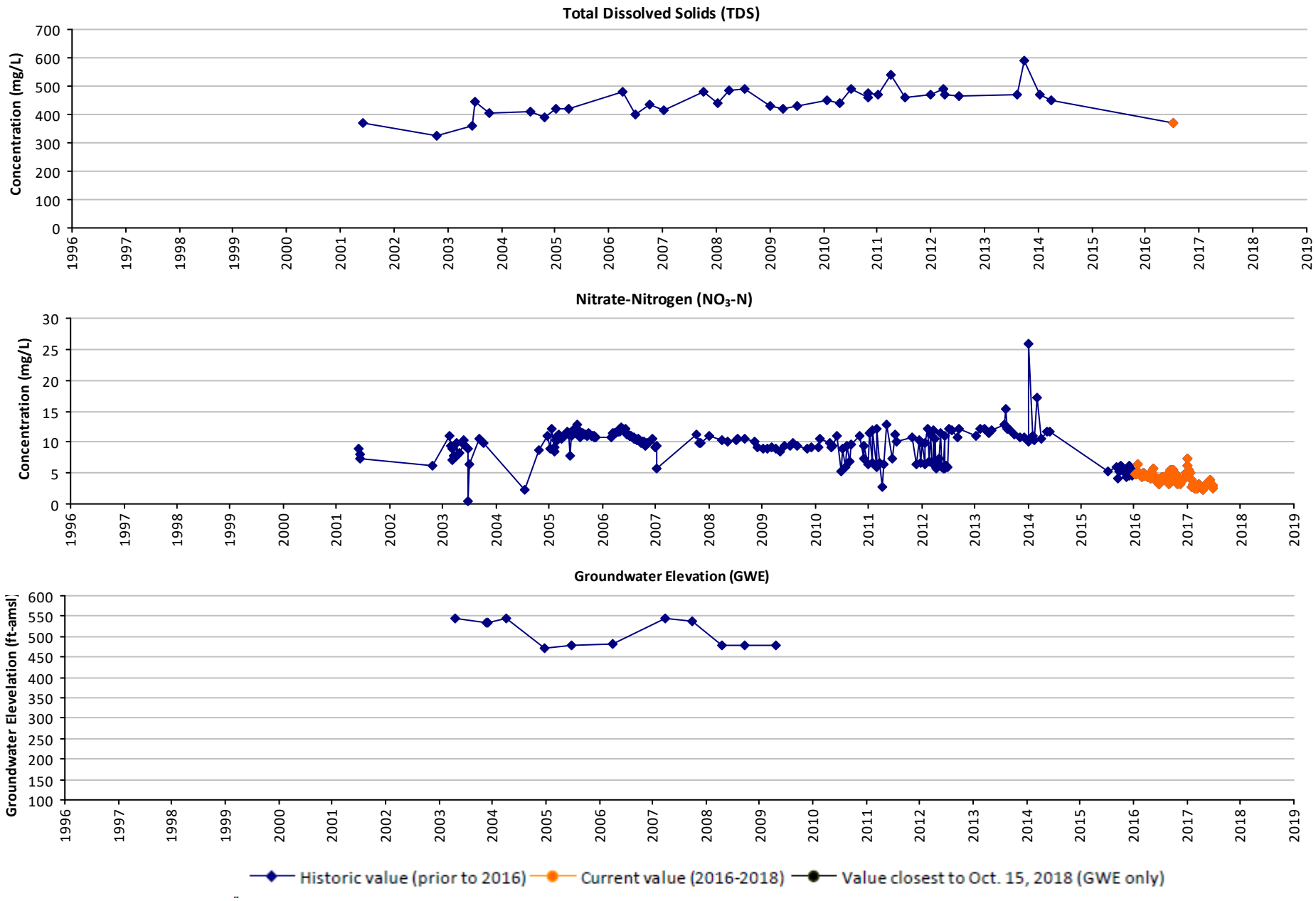

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

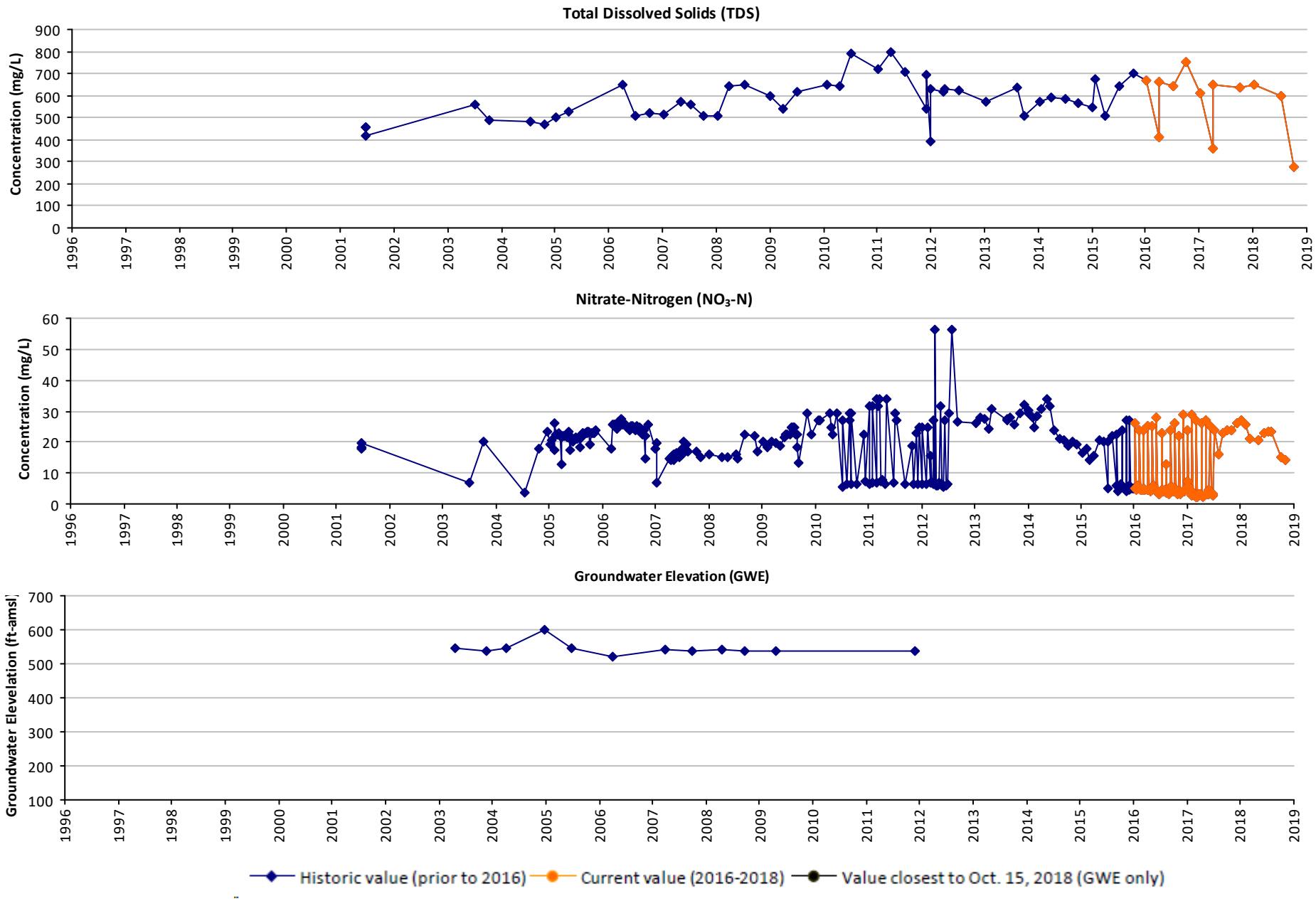

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

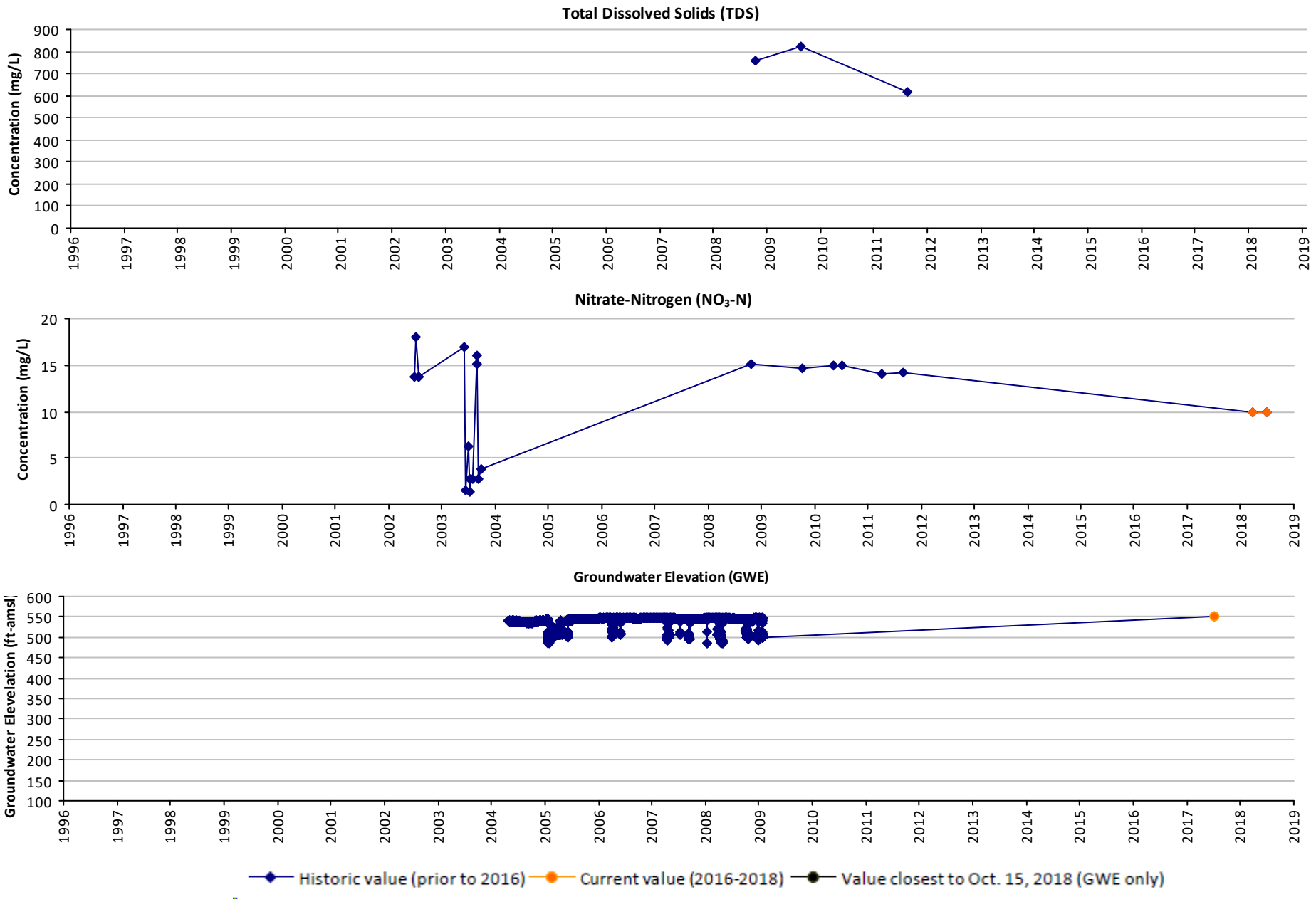

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

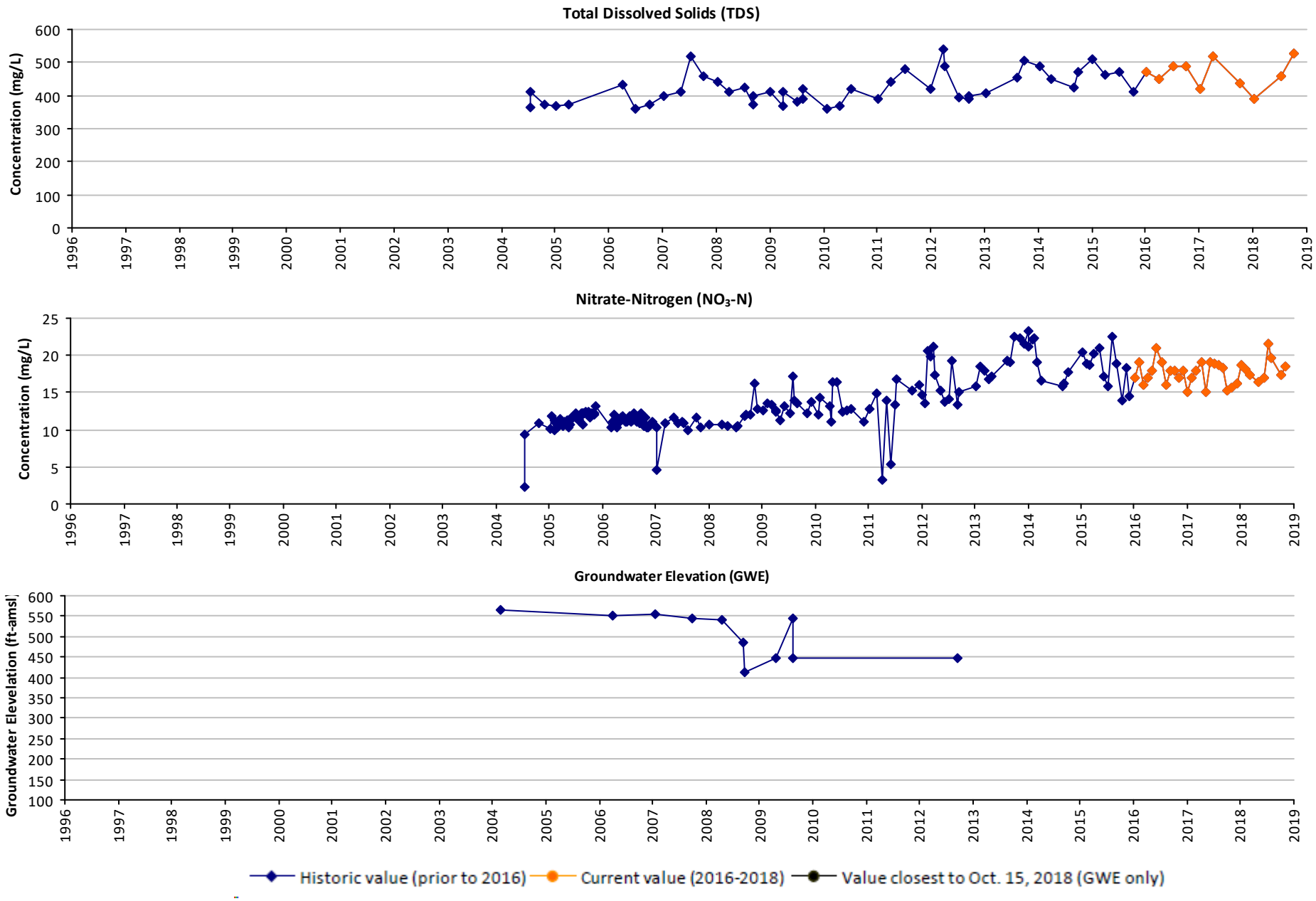

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

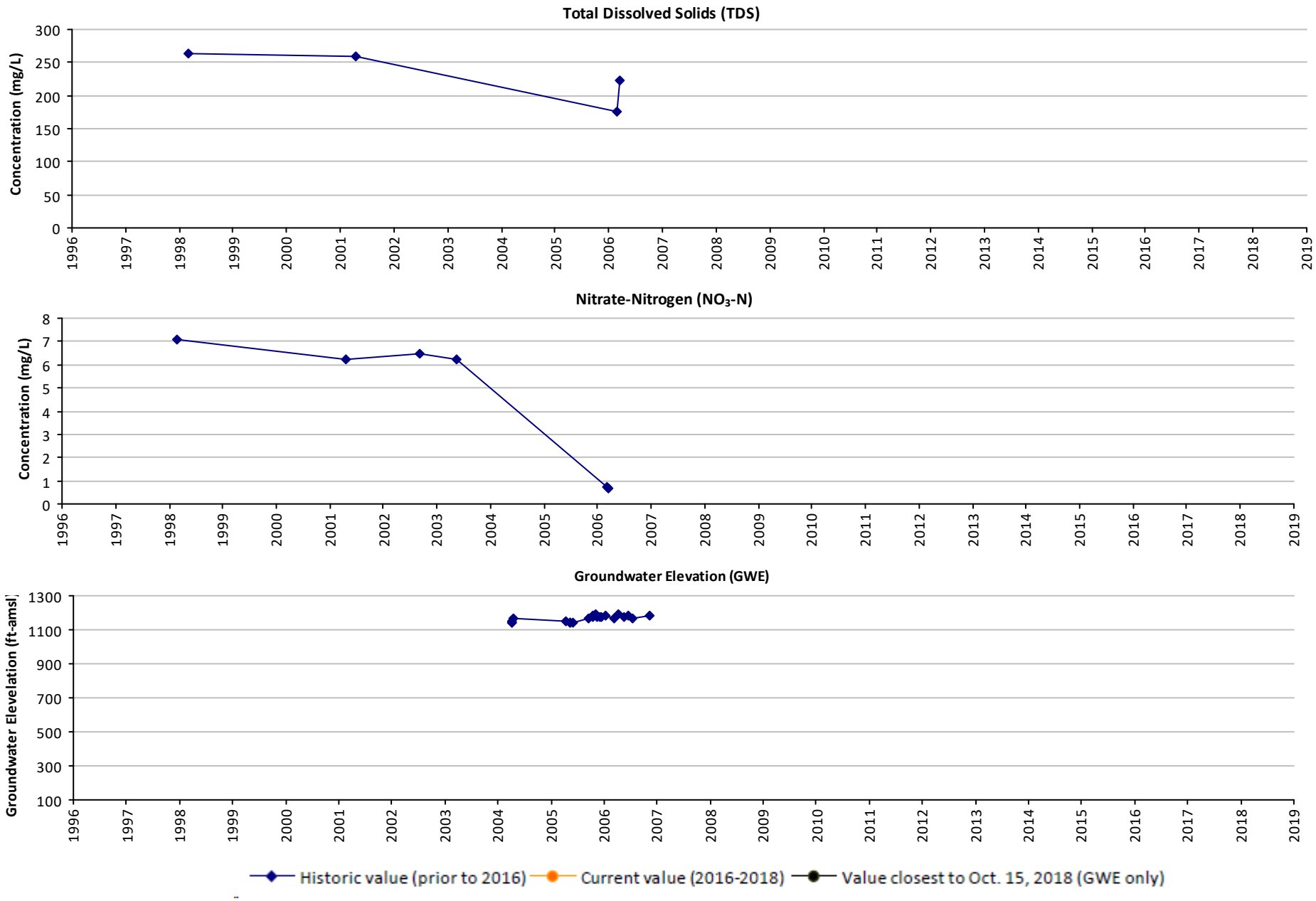

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

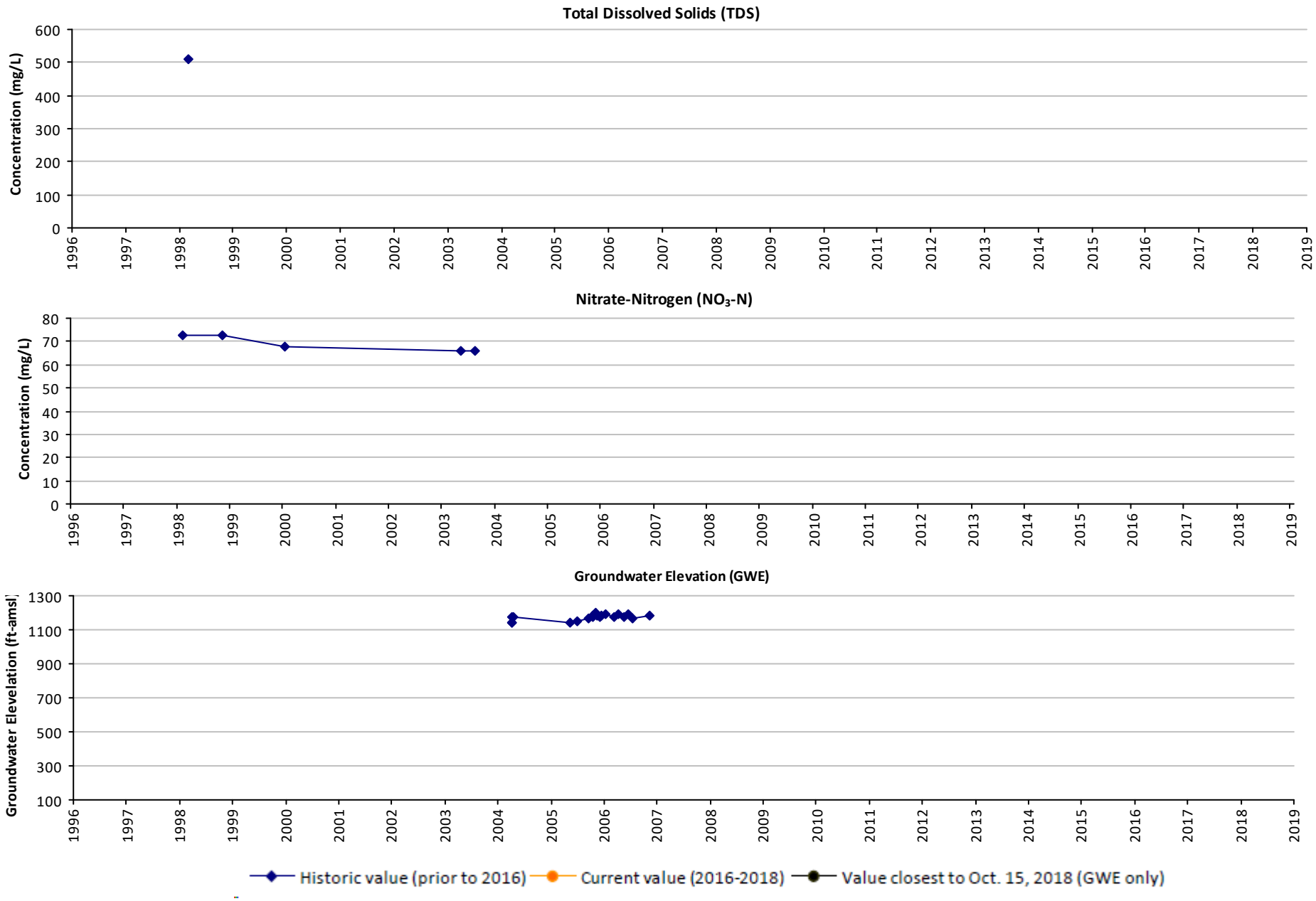

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

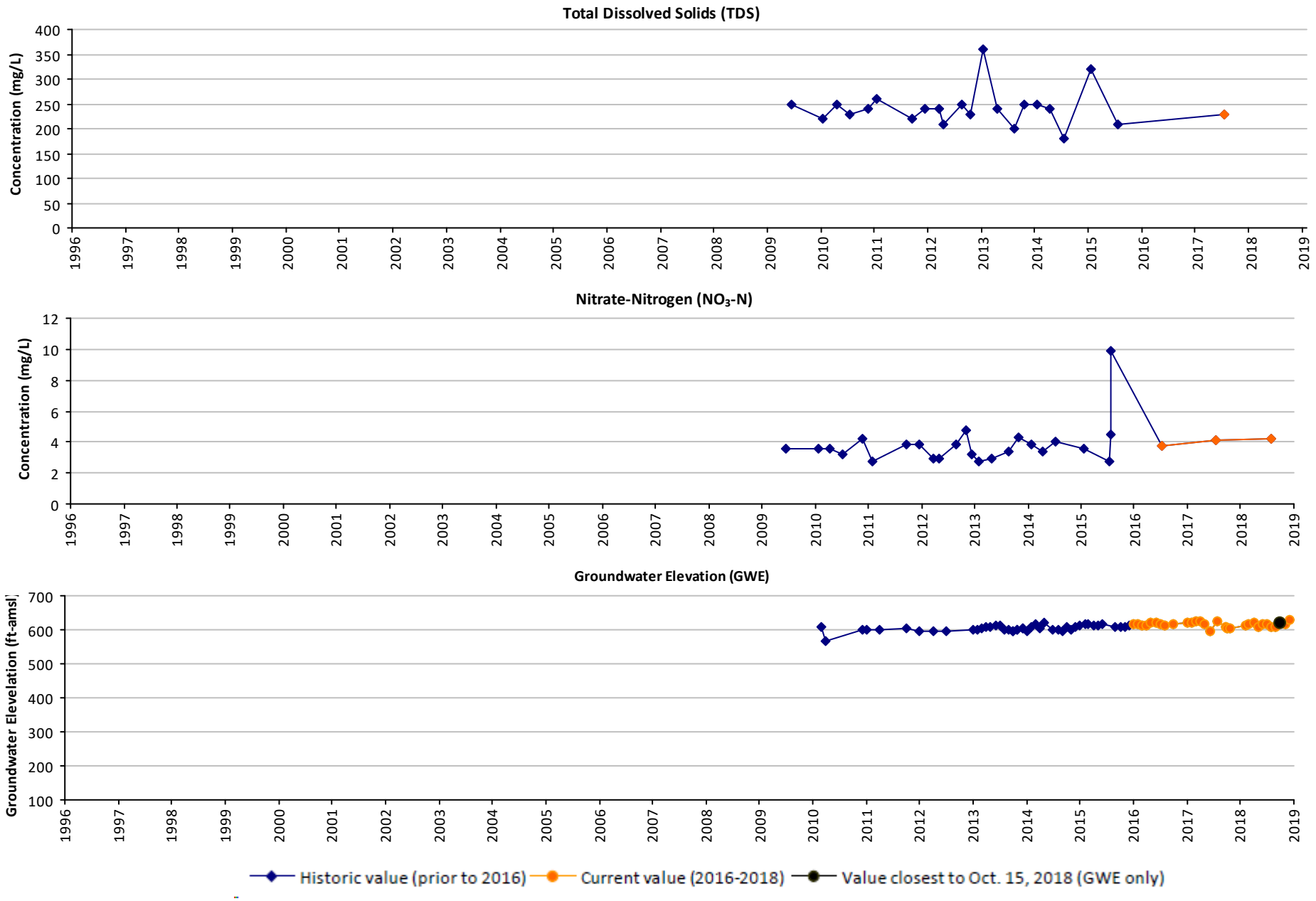

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

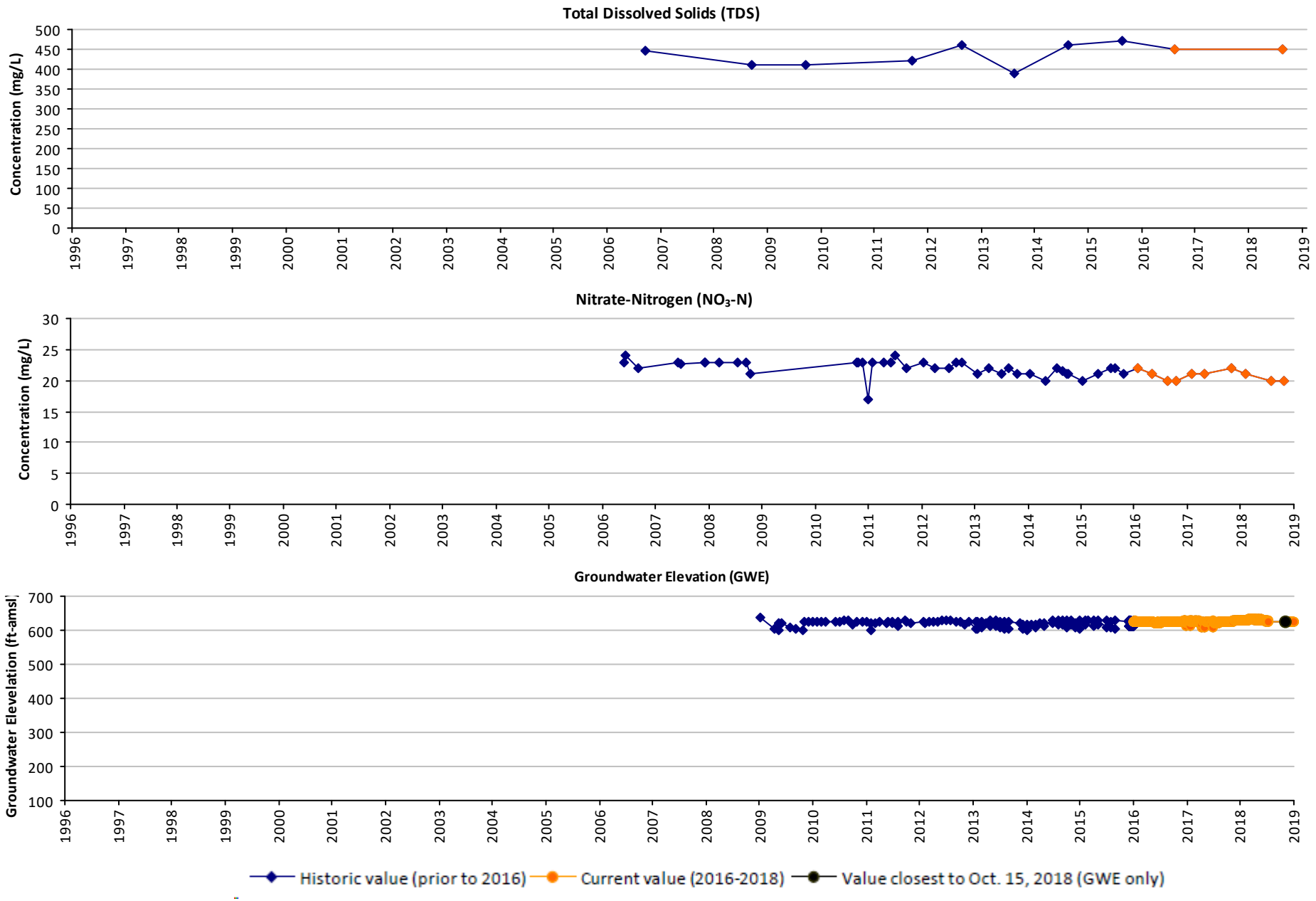

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

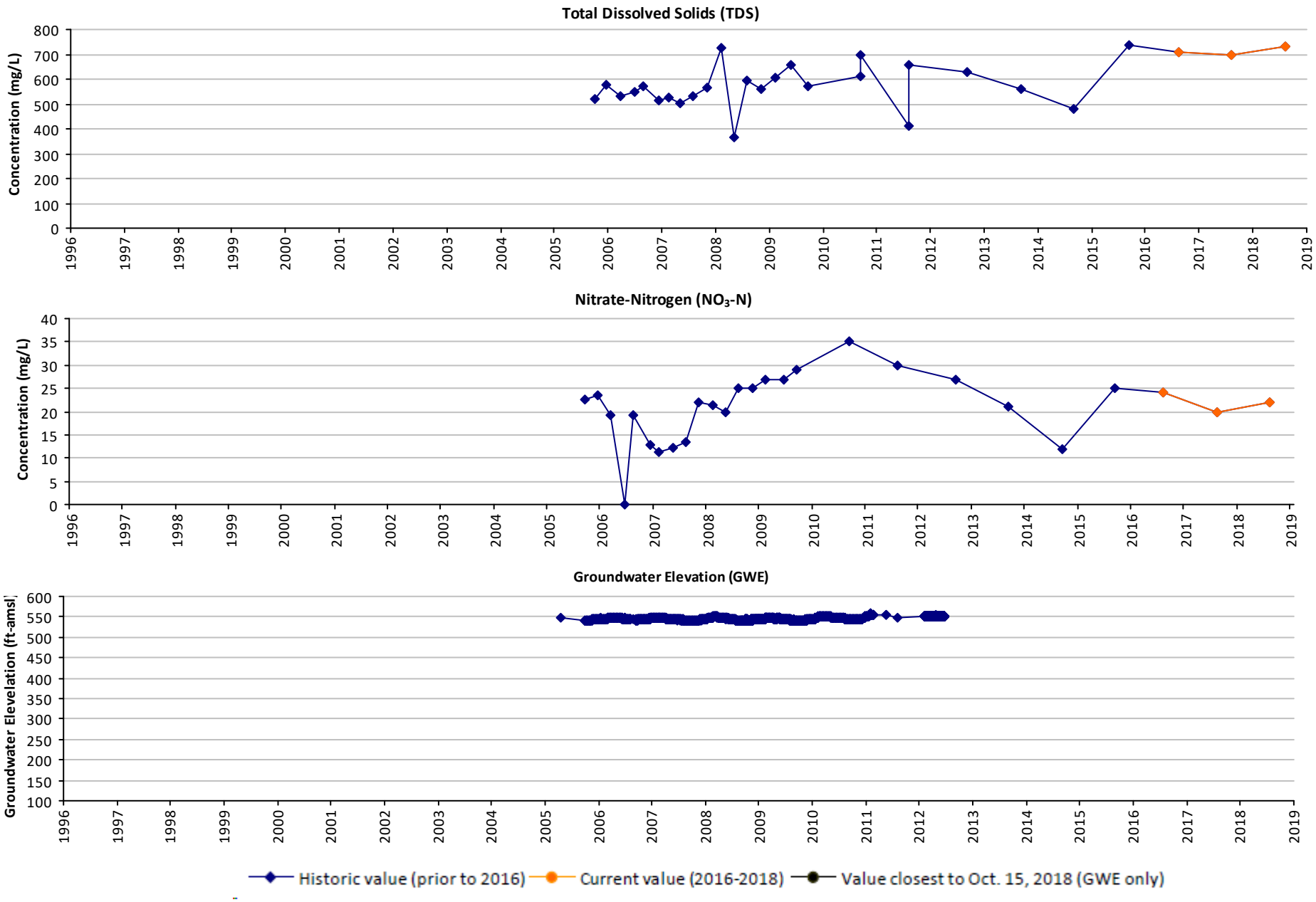

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

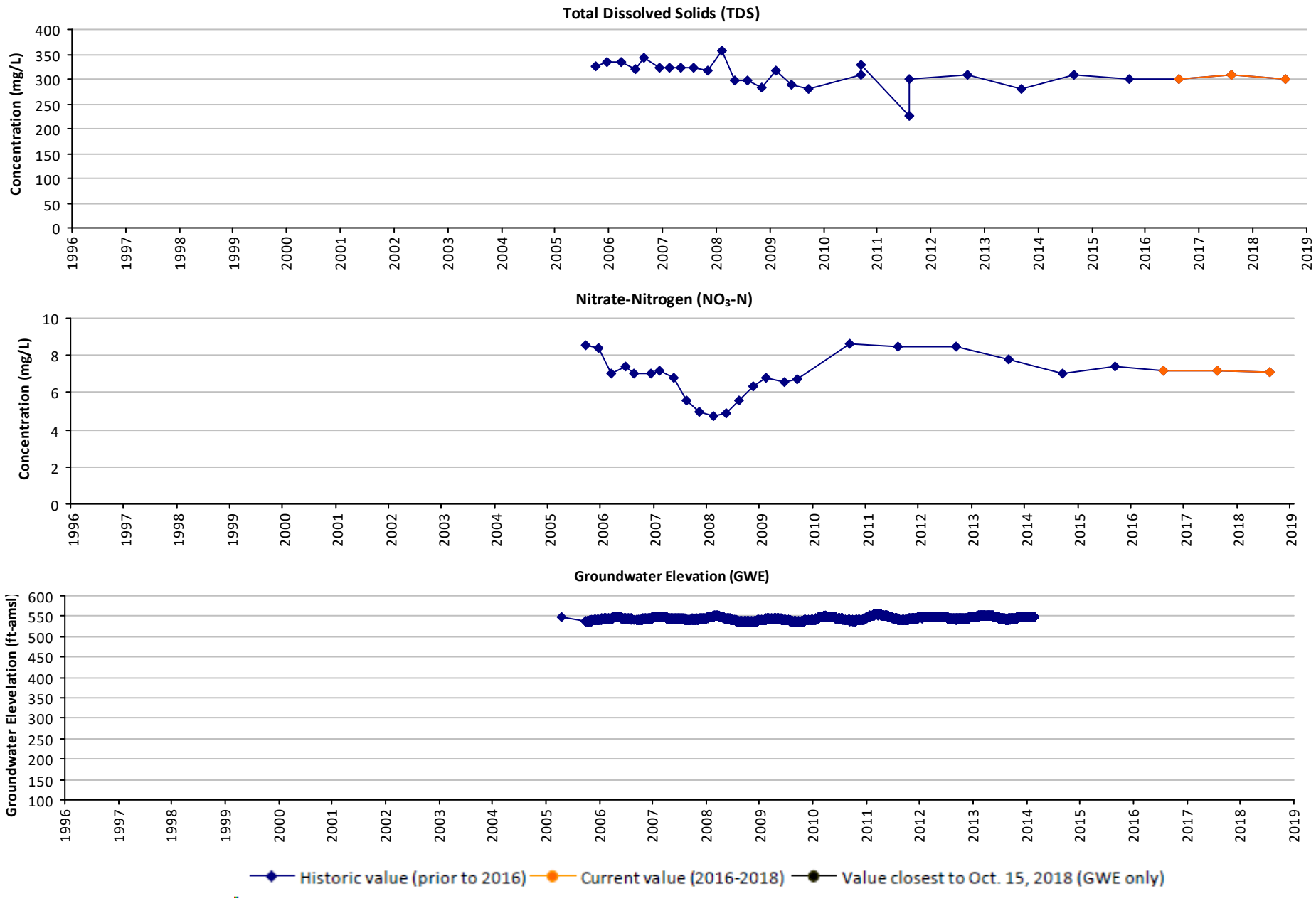

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

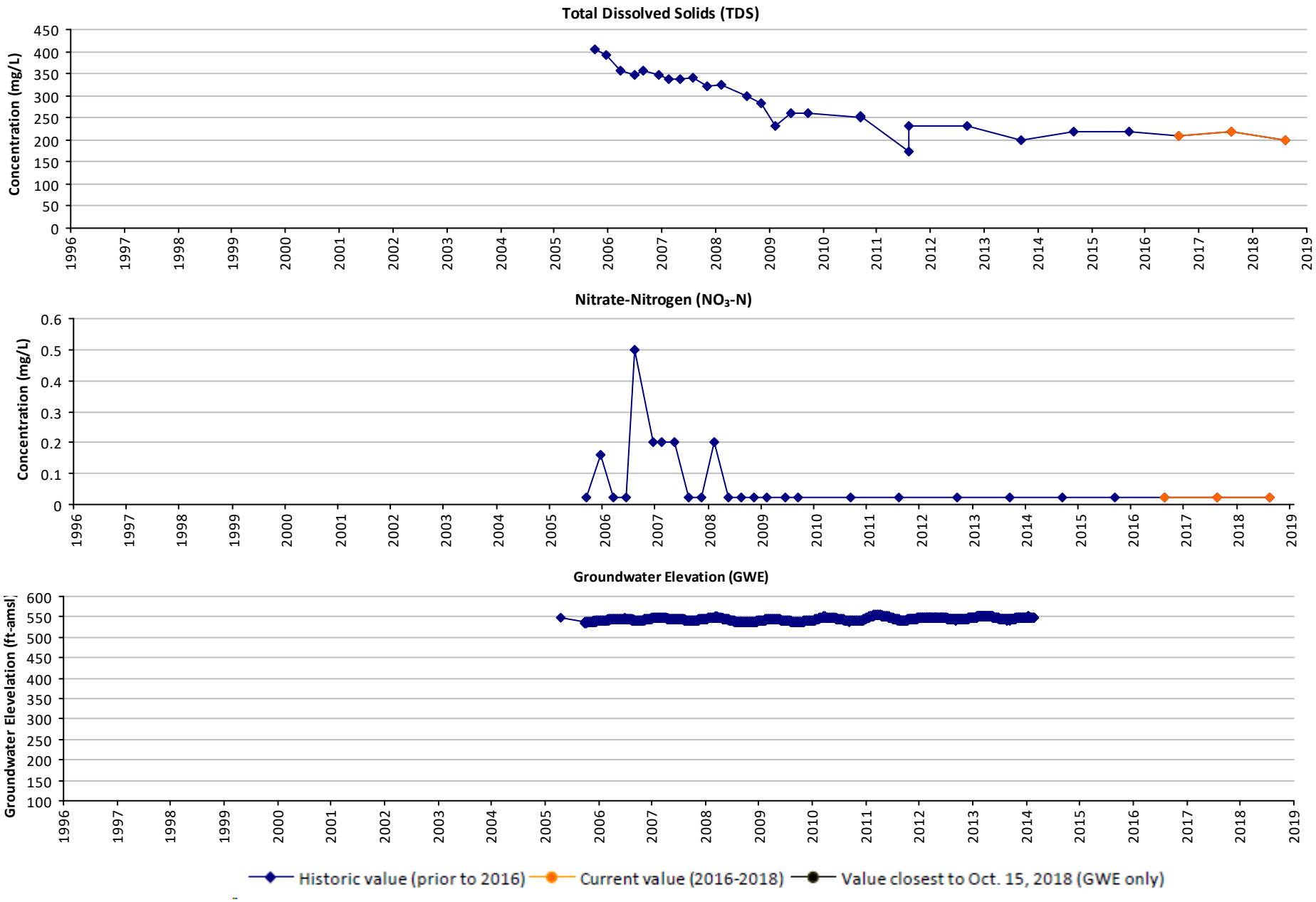

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
300
500
700
900
1100
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

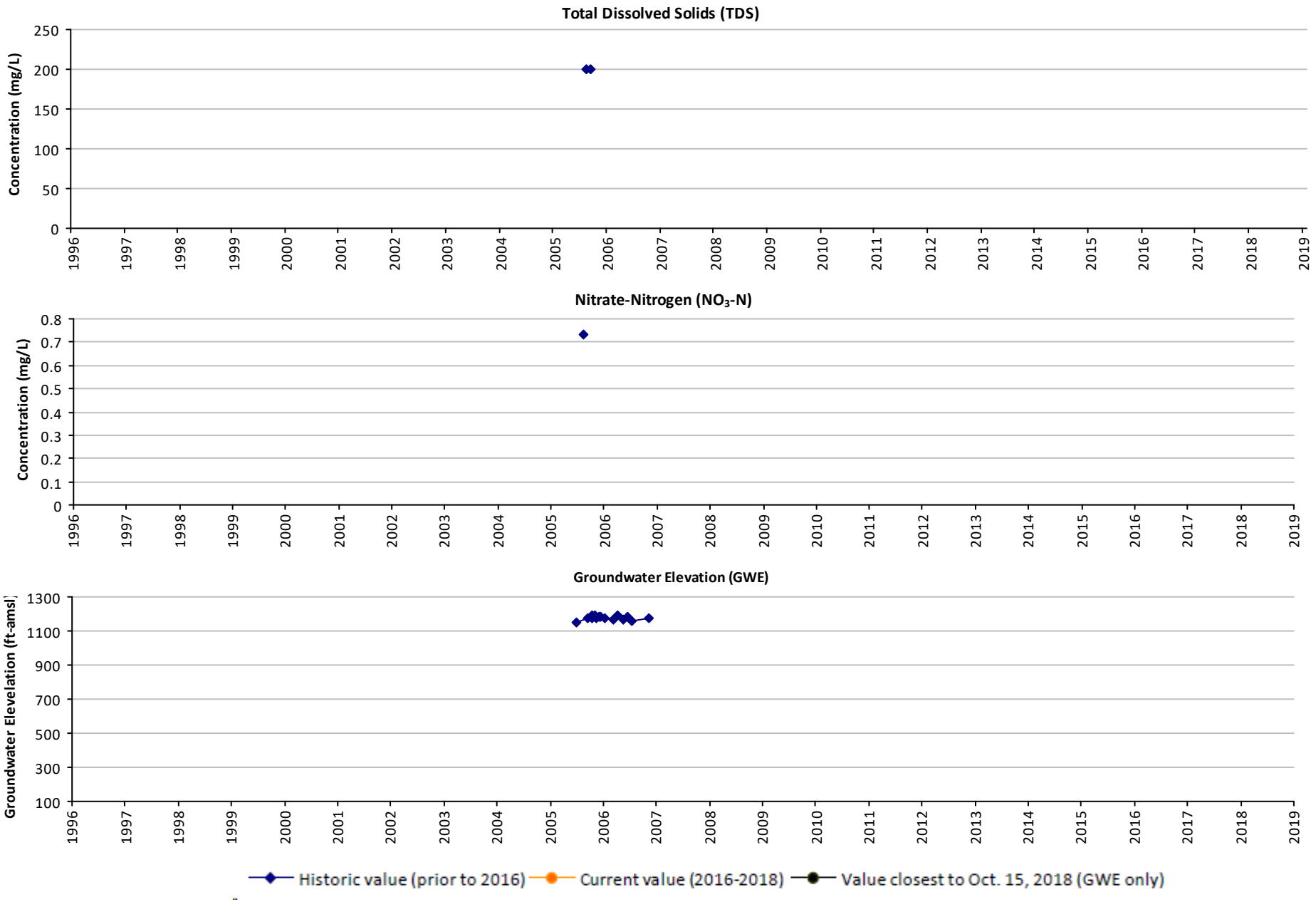

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

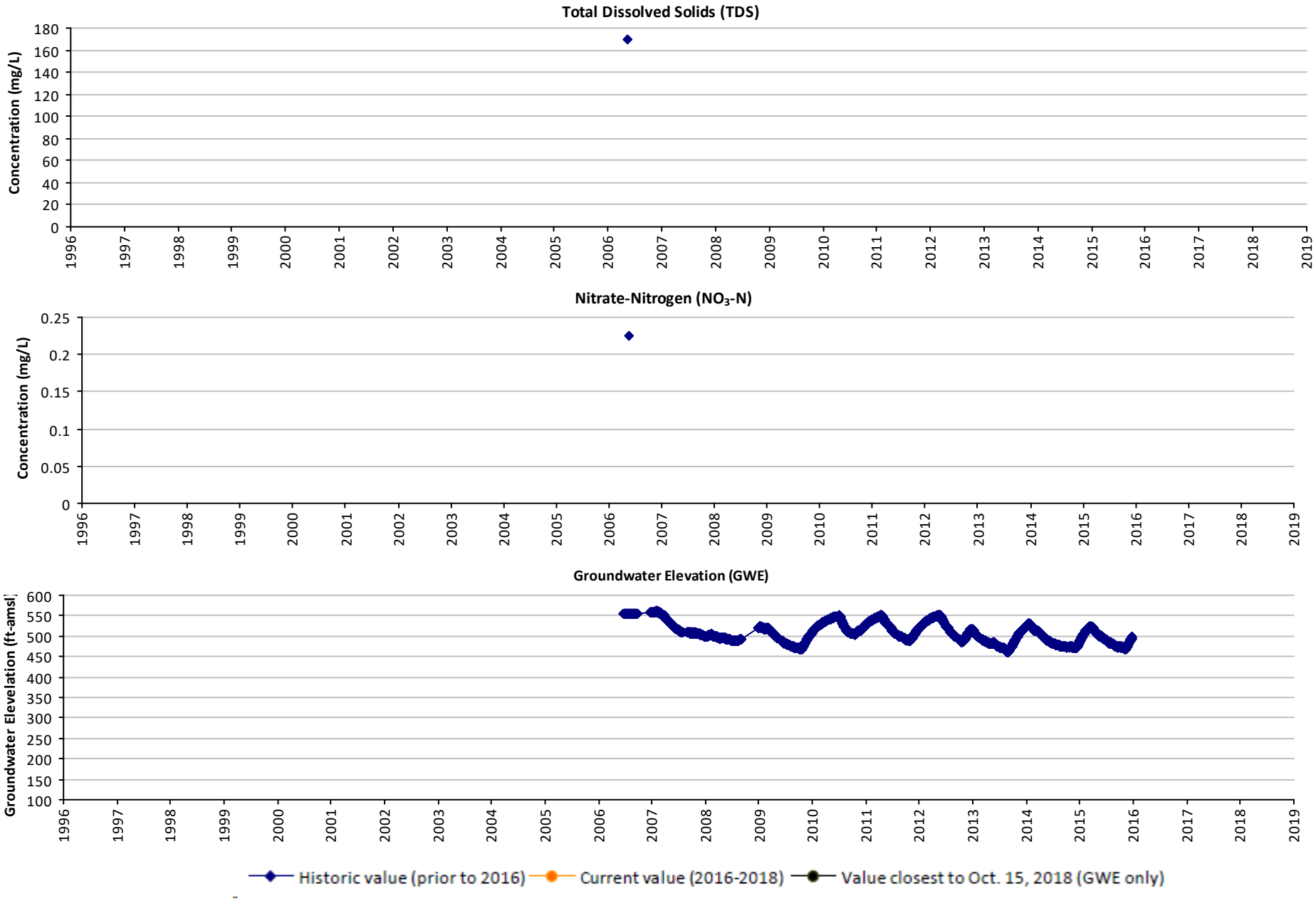

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

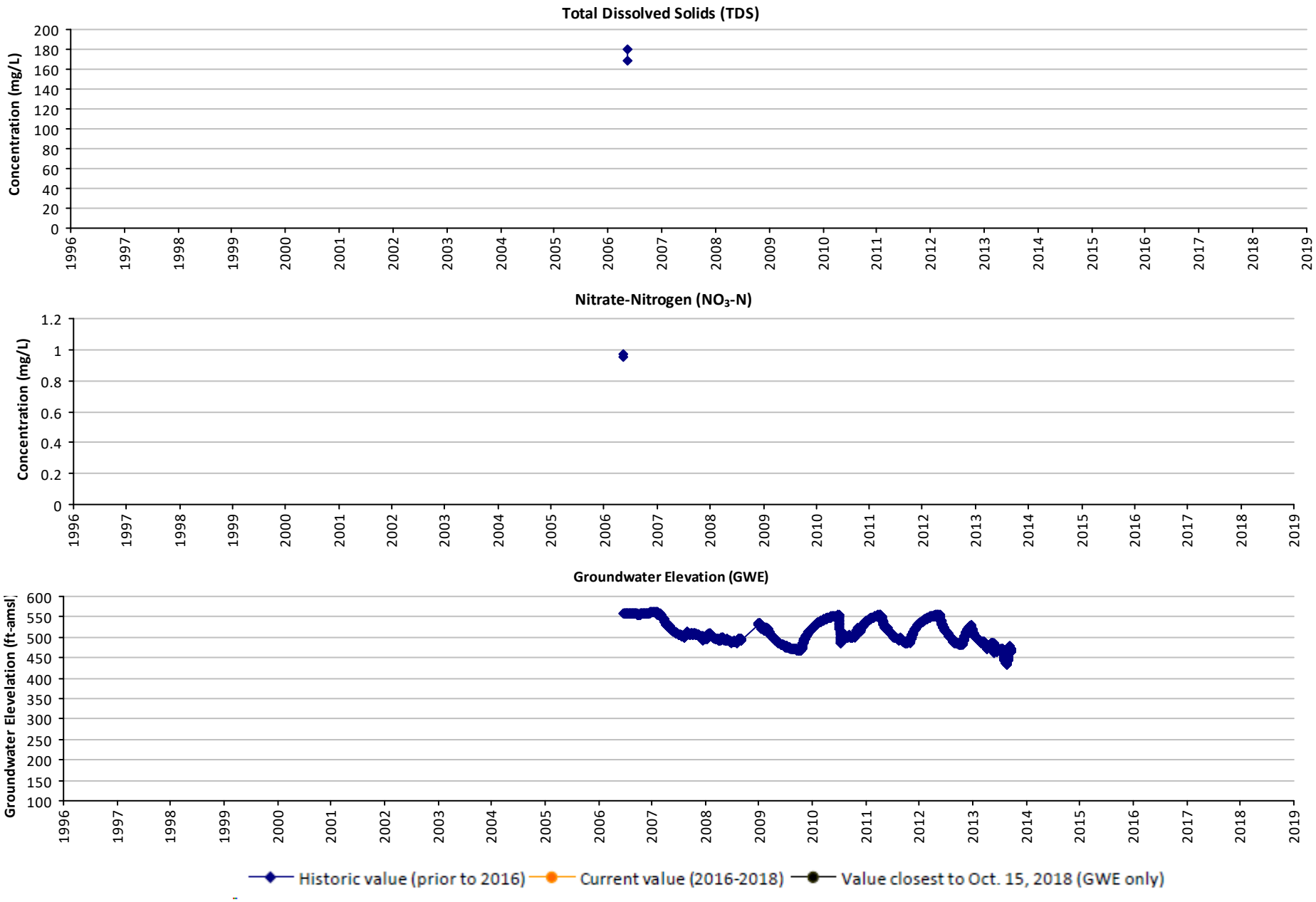

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1100
900
700
500
300
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Historic value (prior to 2016)
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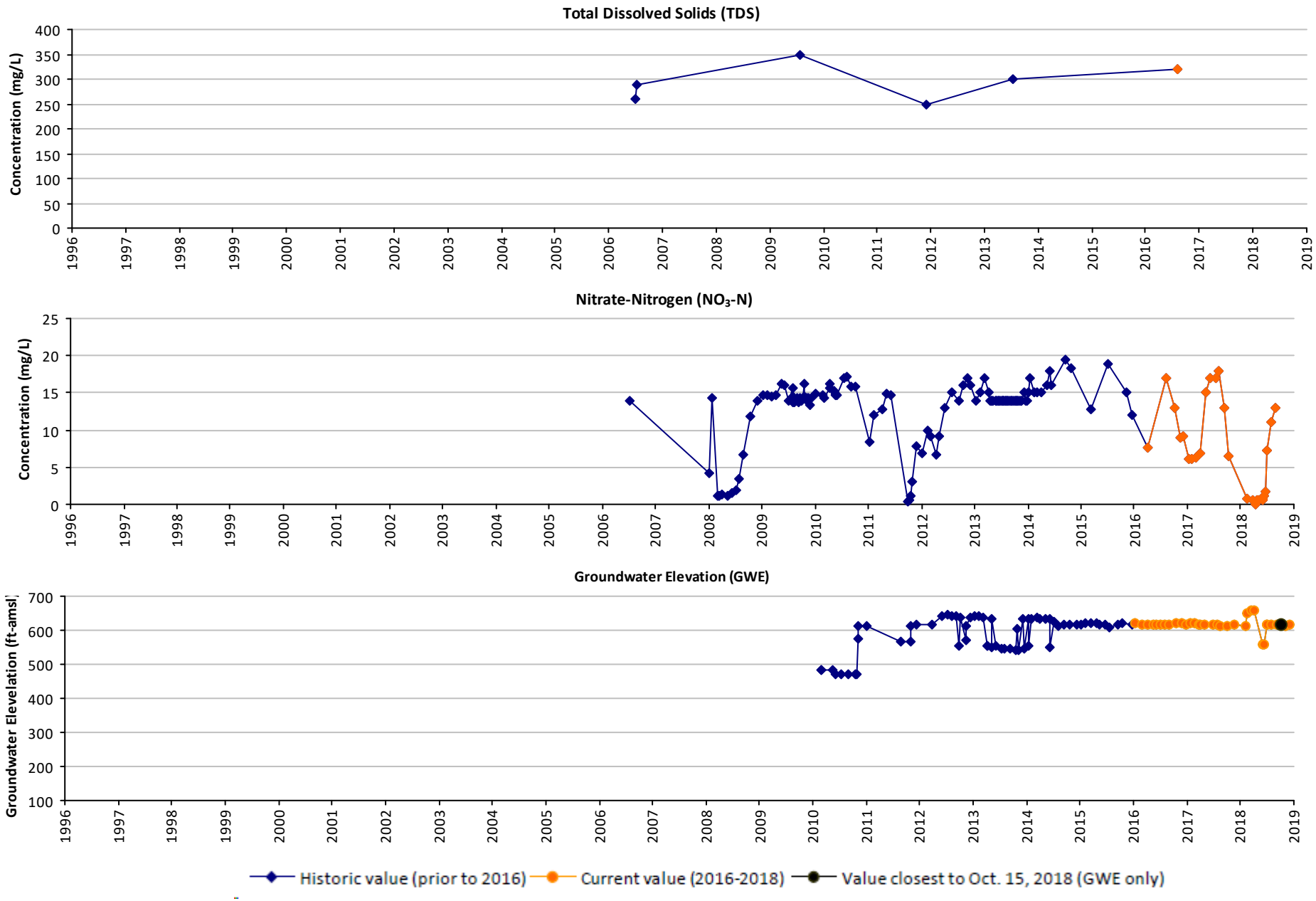
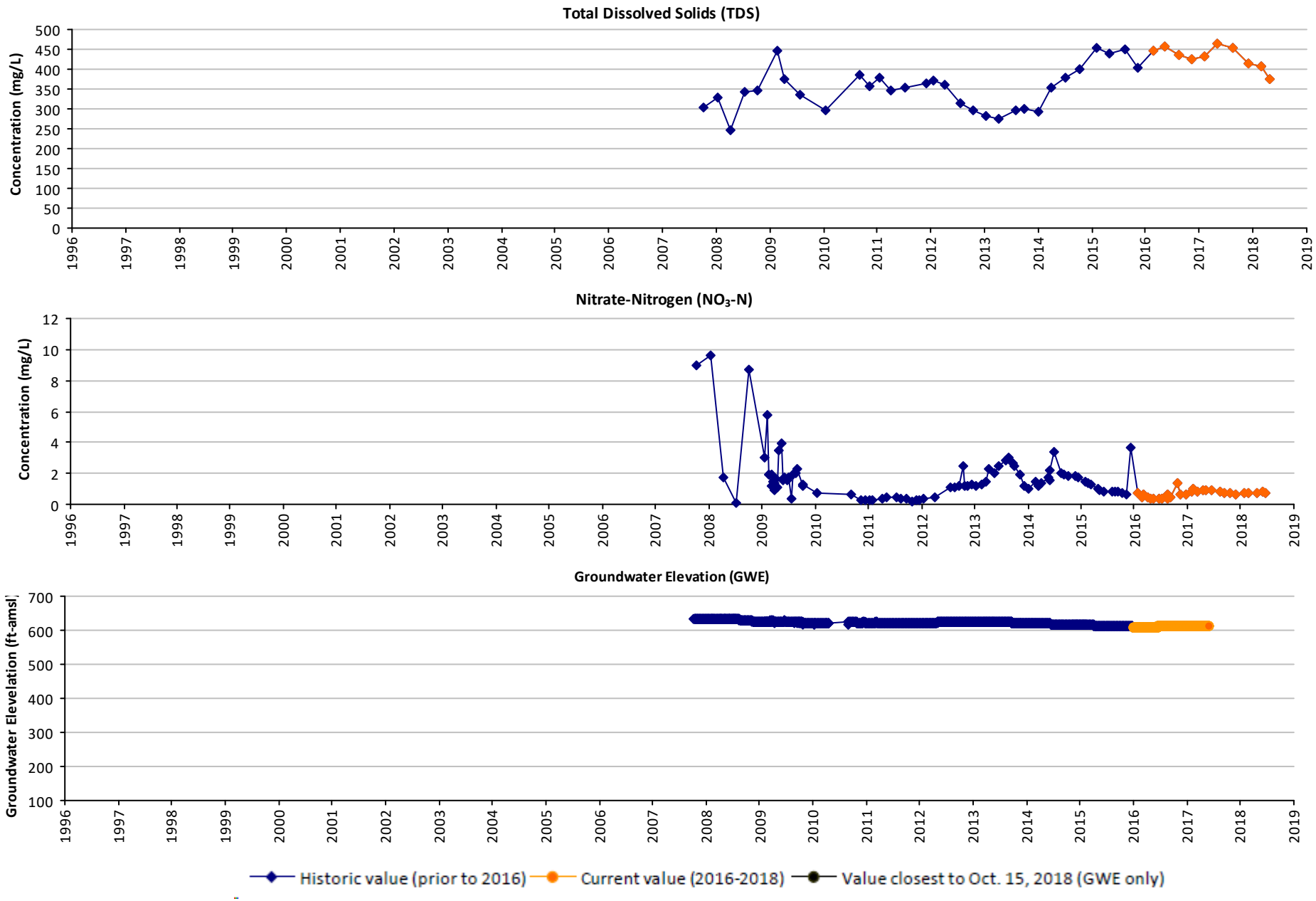
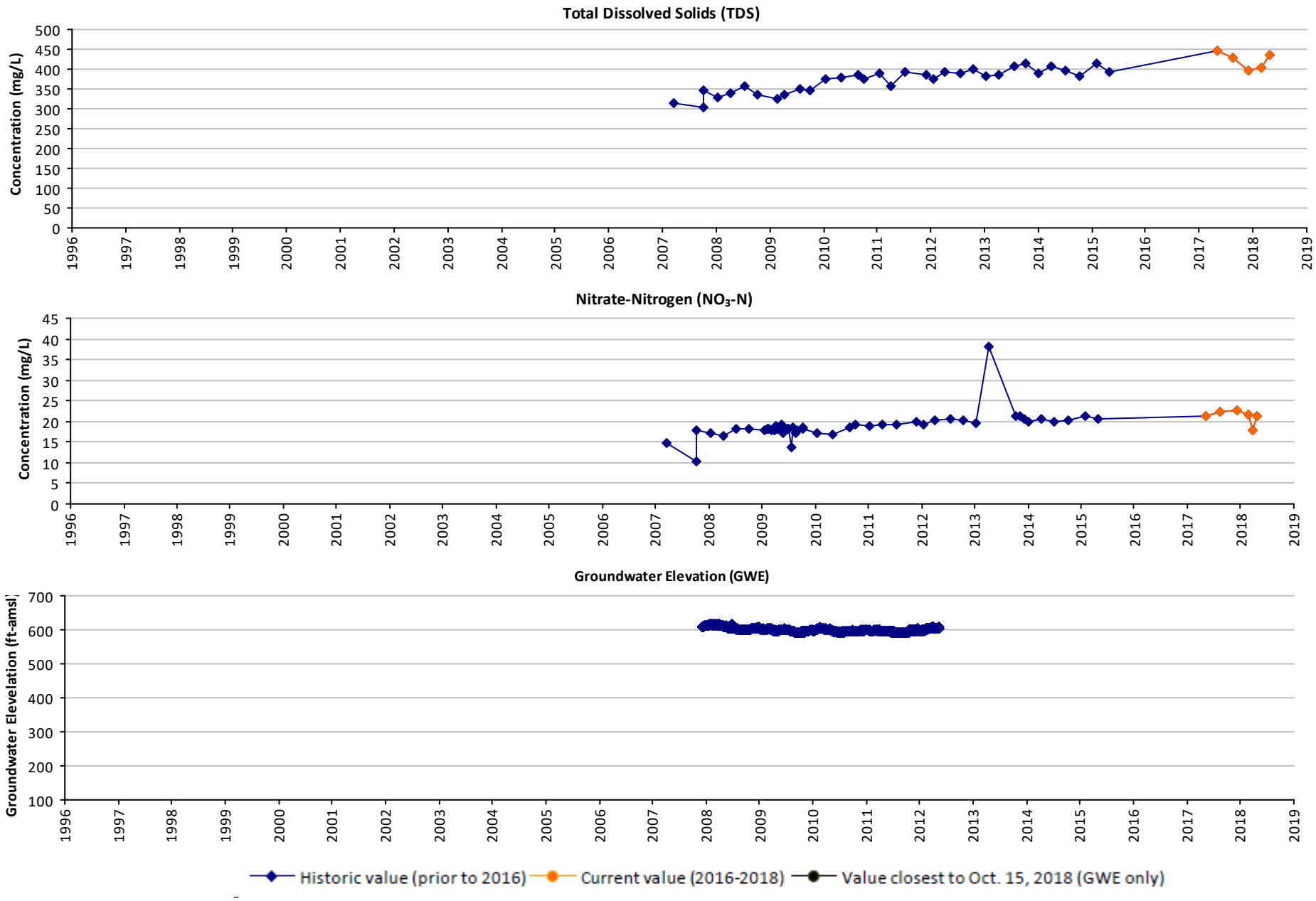
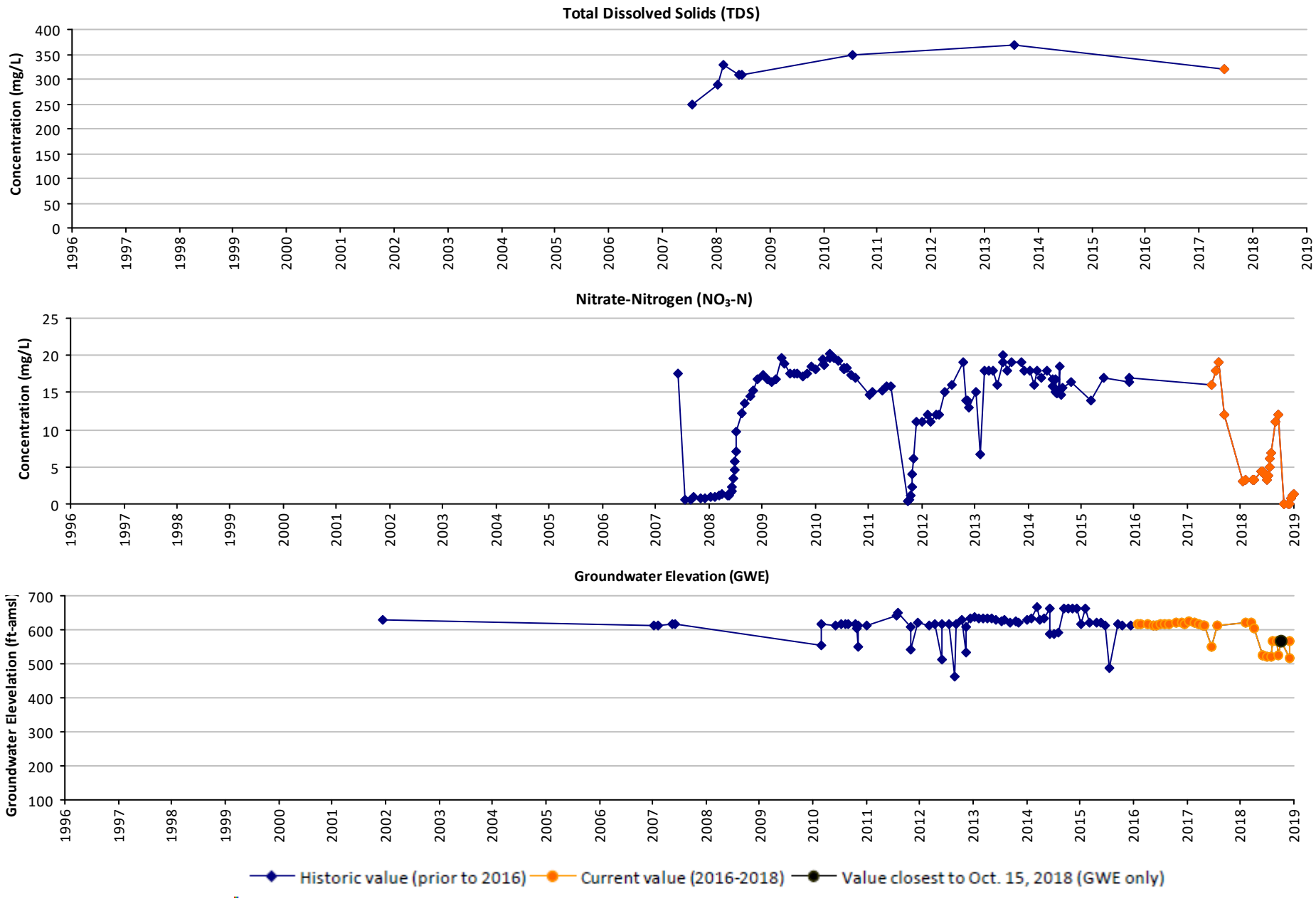
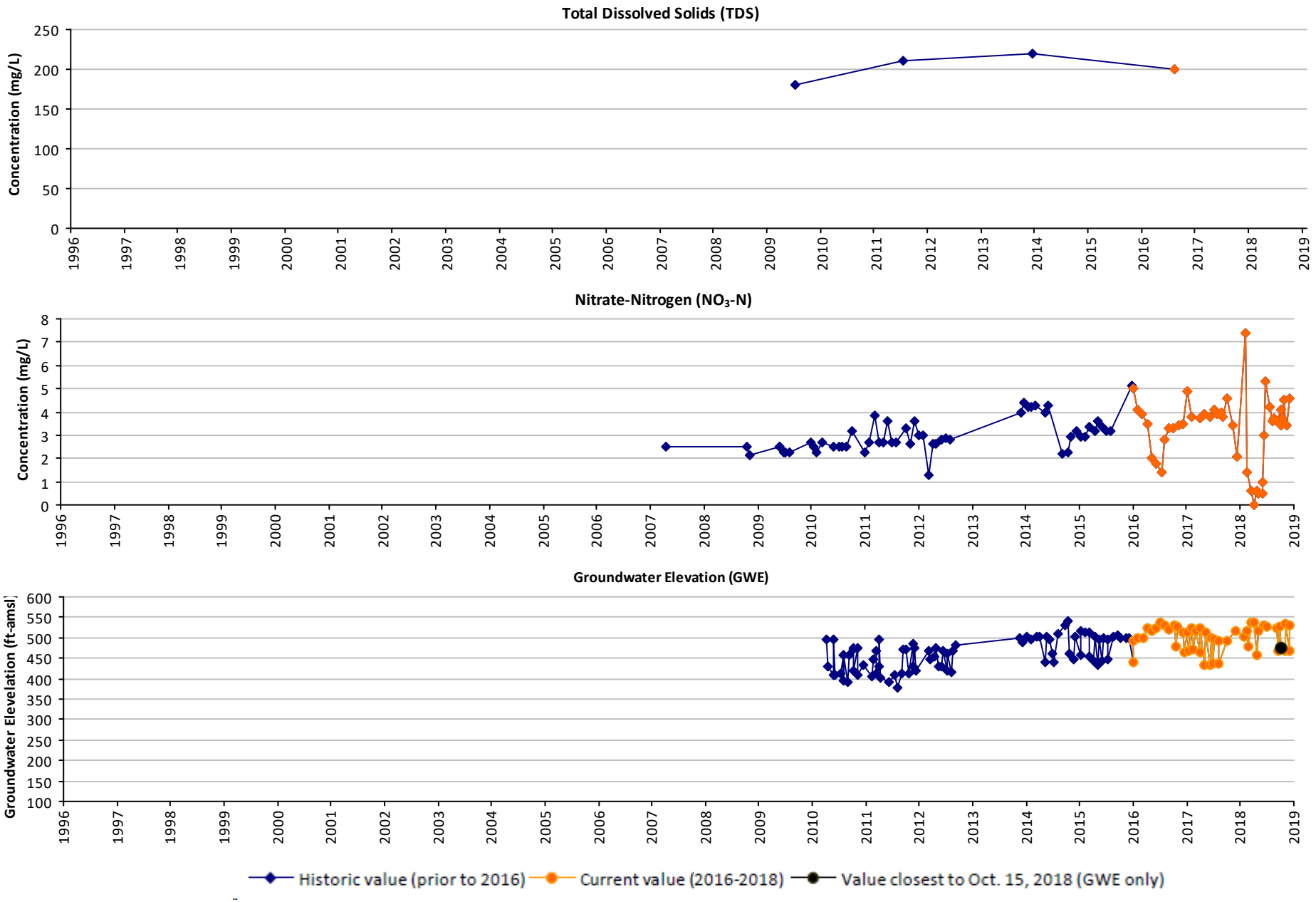
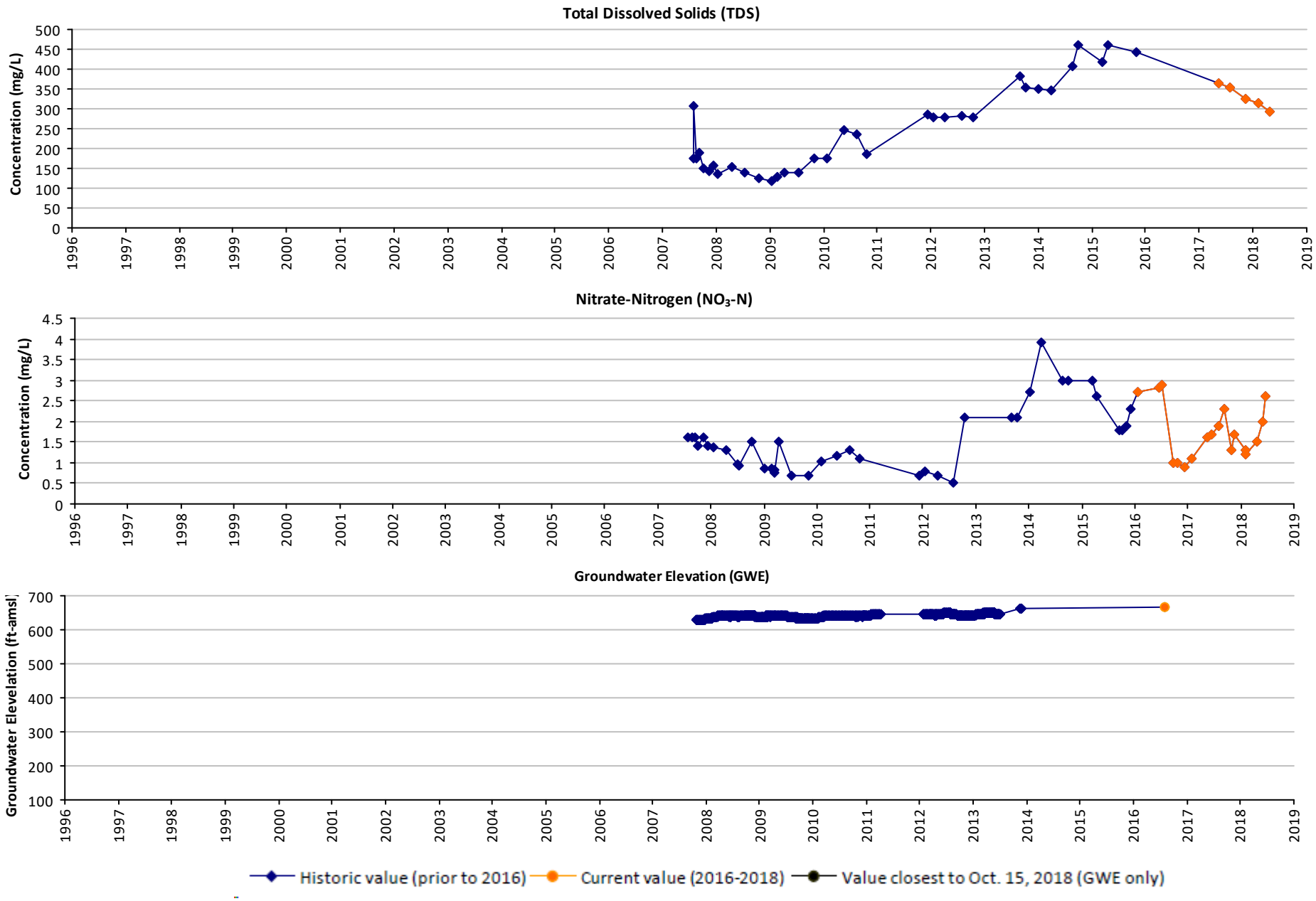

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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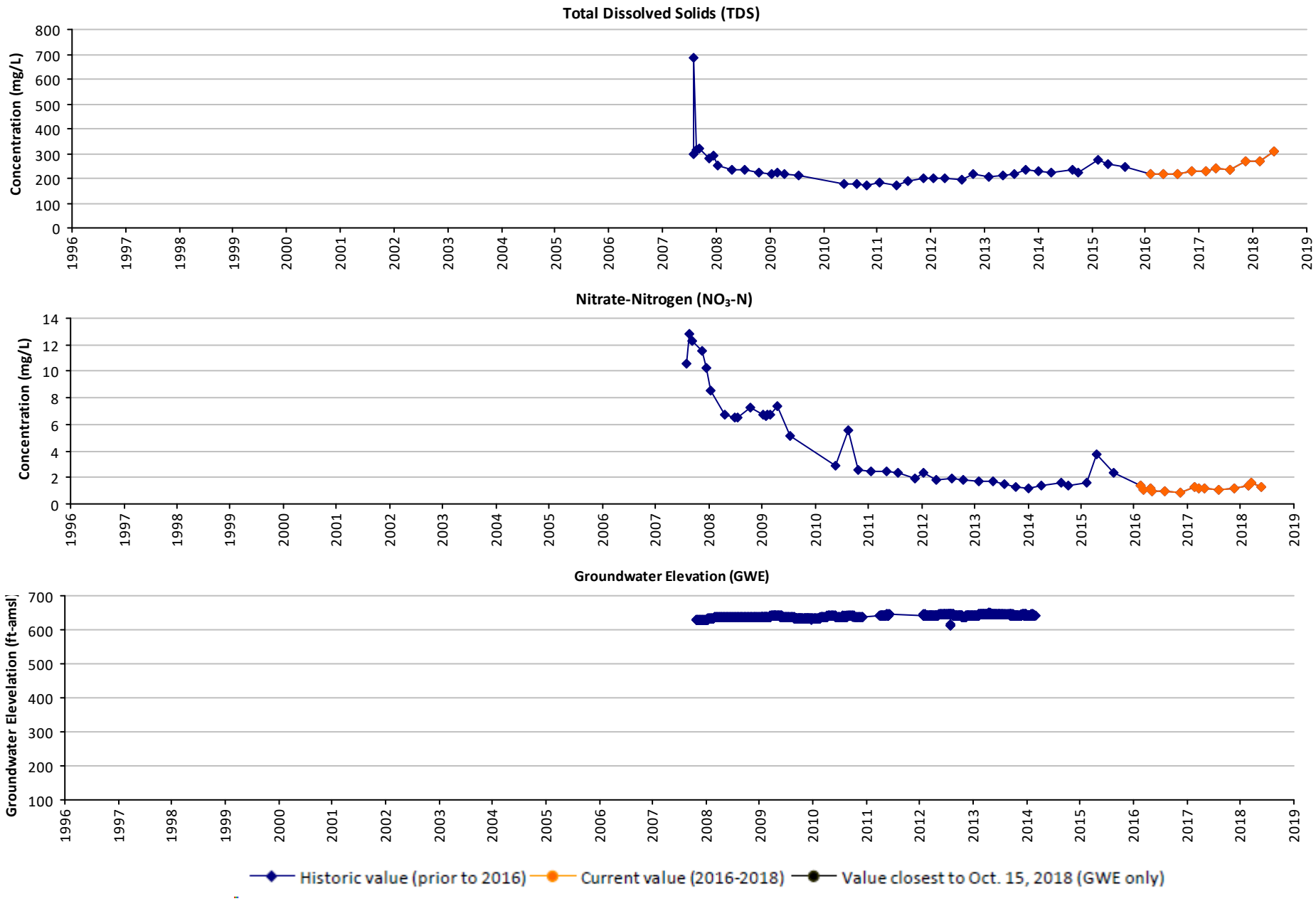
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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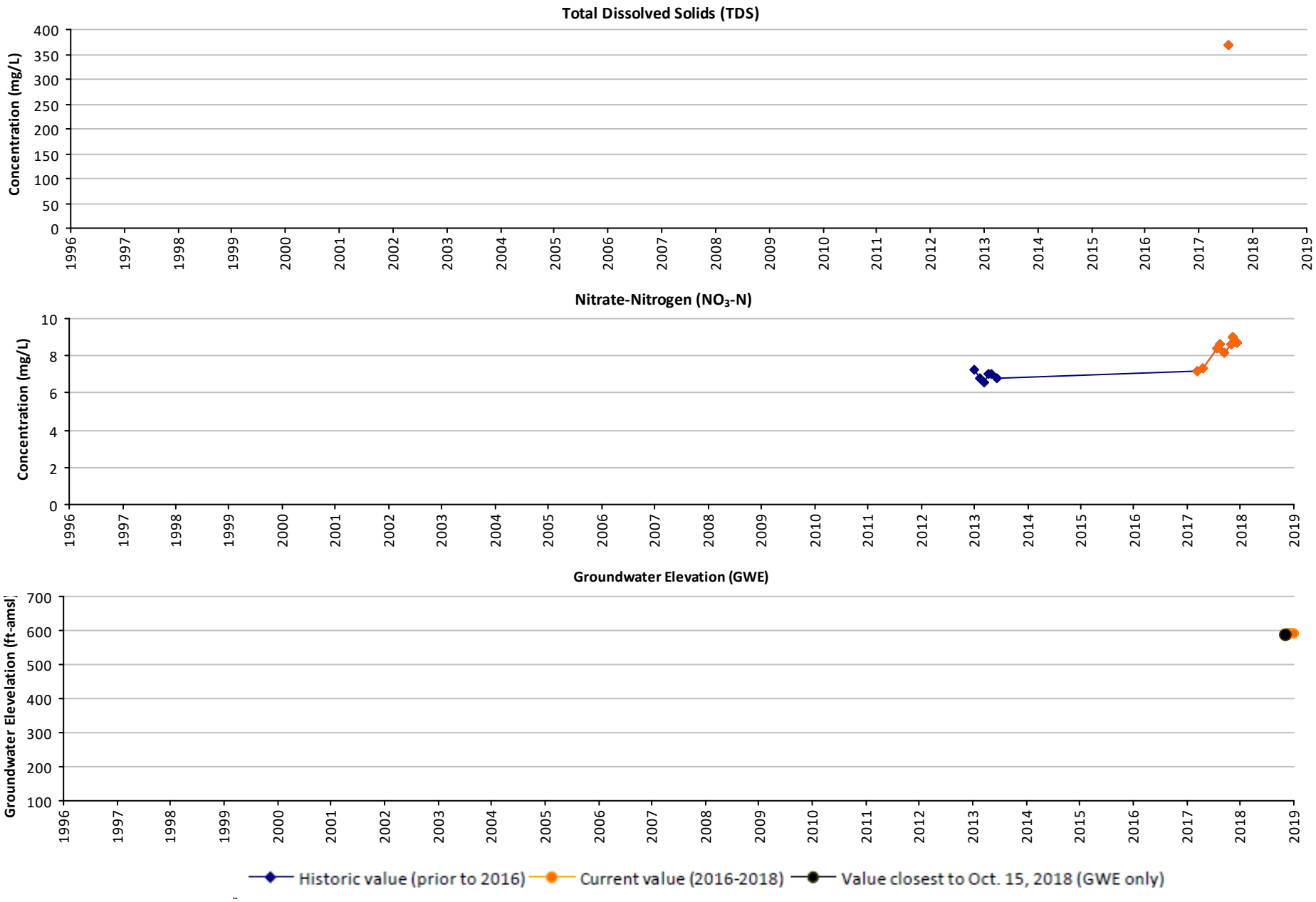
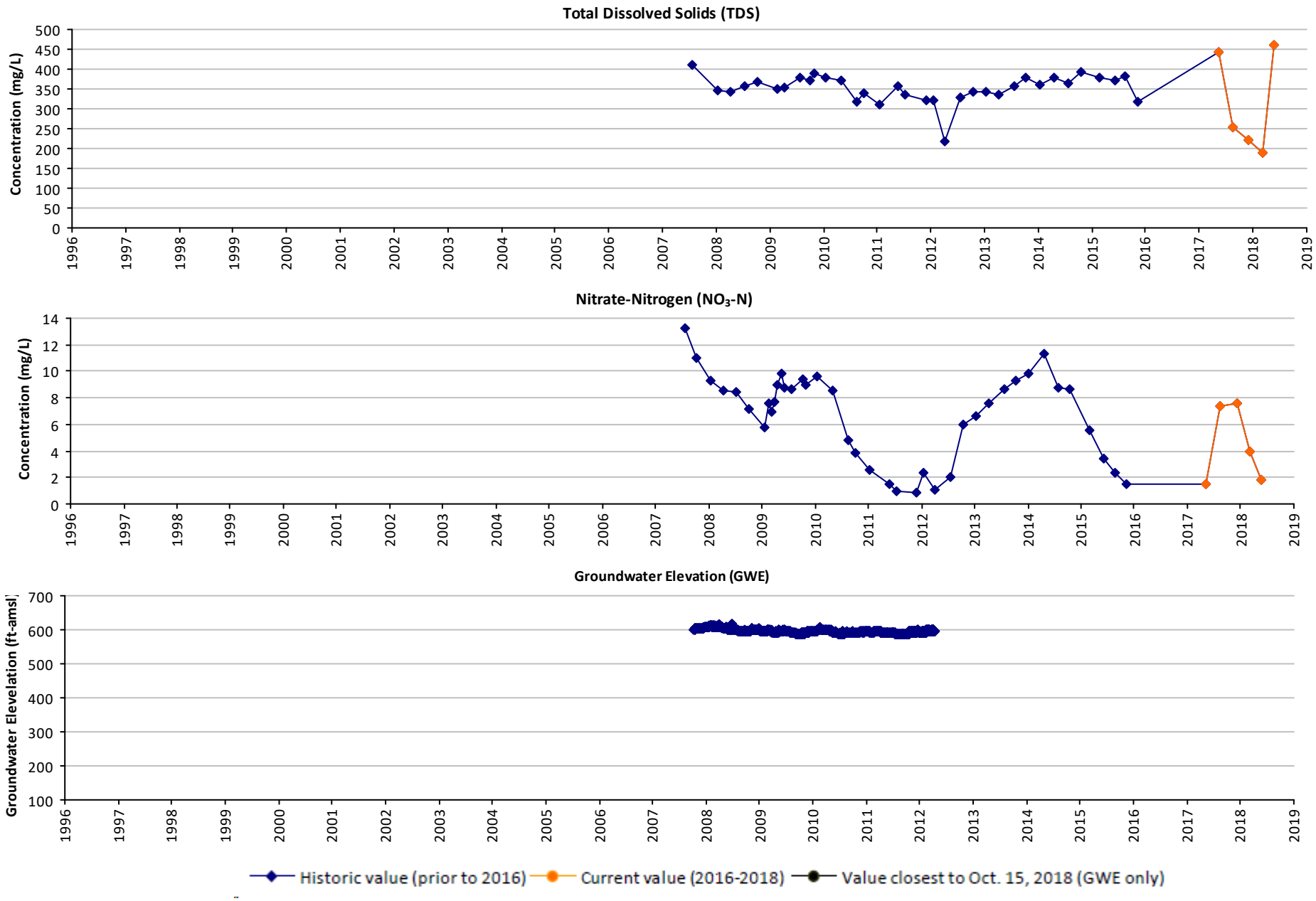
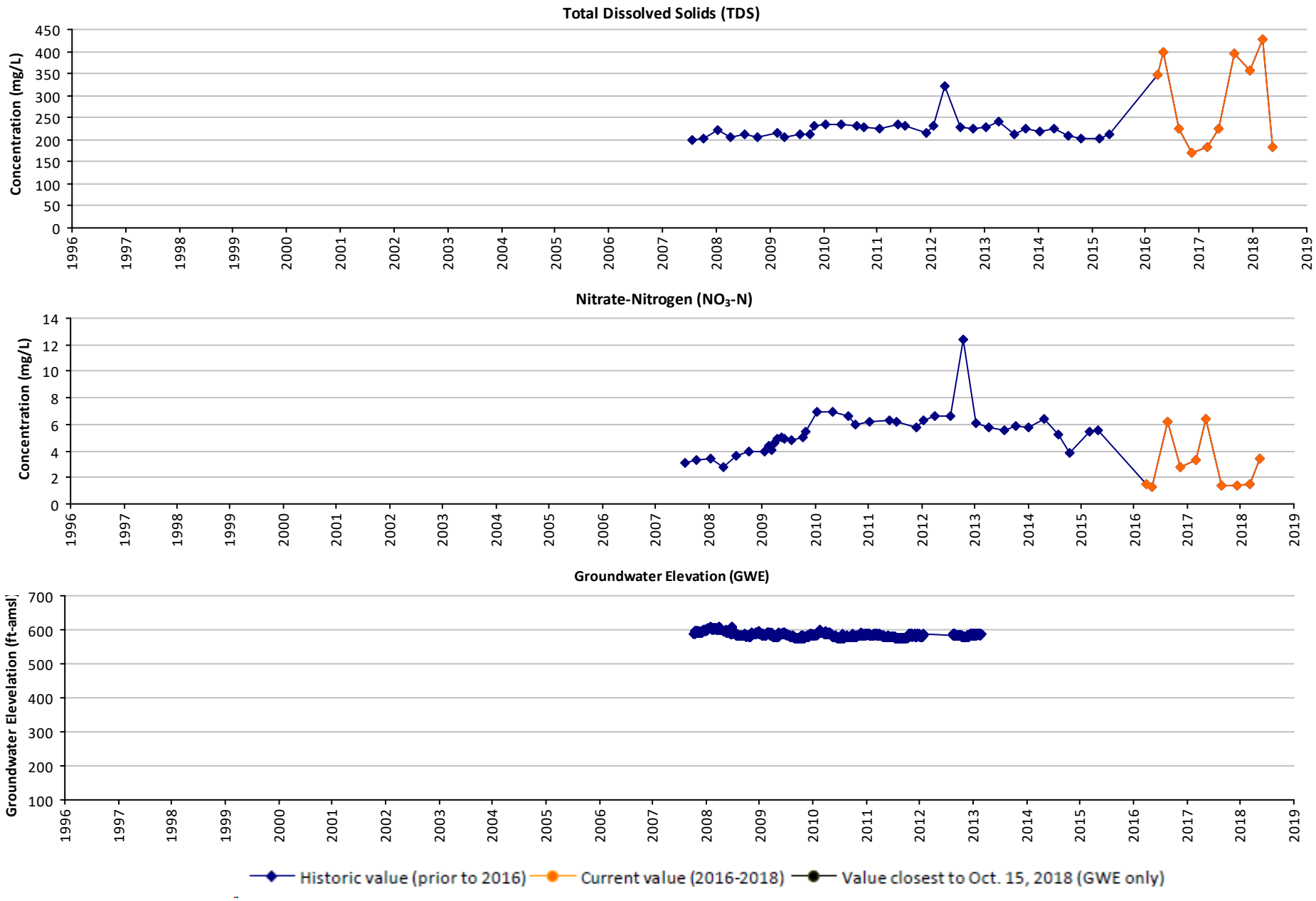
Value closest to Oct. 15, 2018 (GWE only)

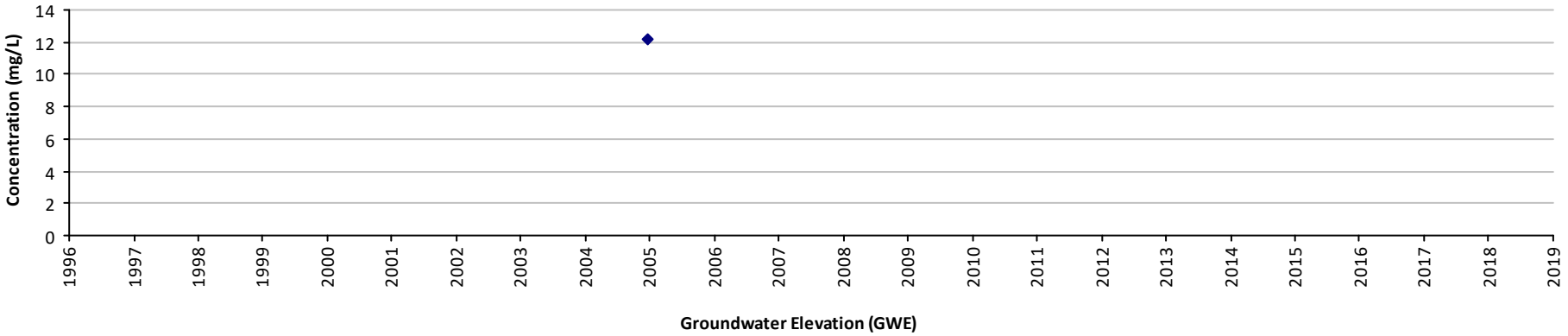

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

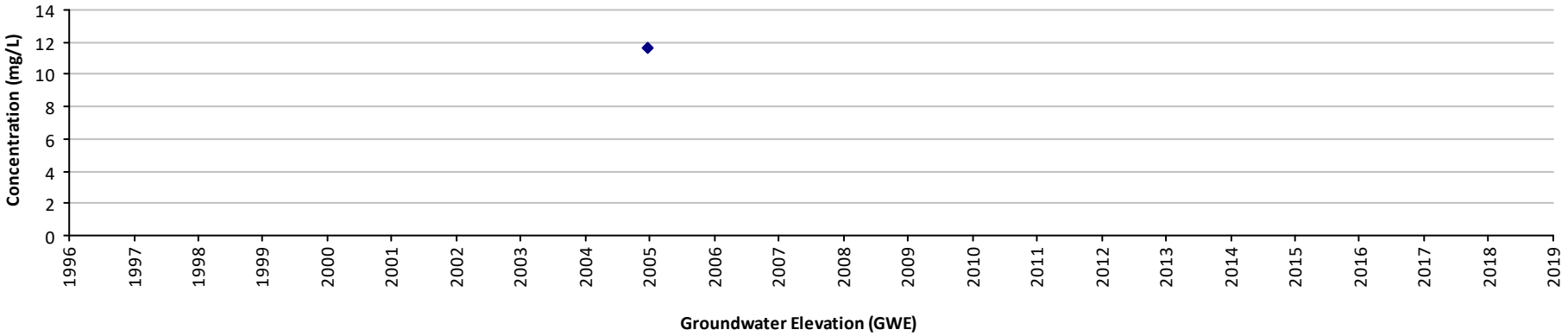
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

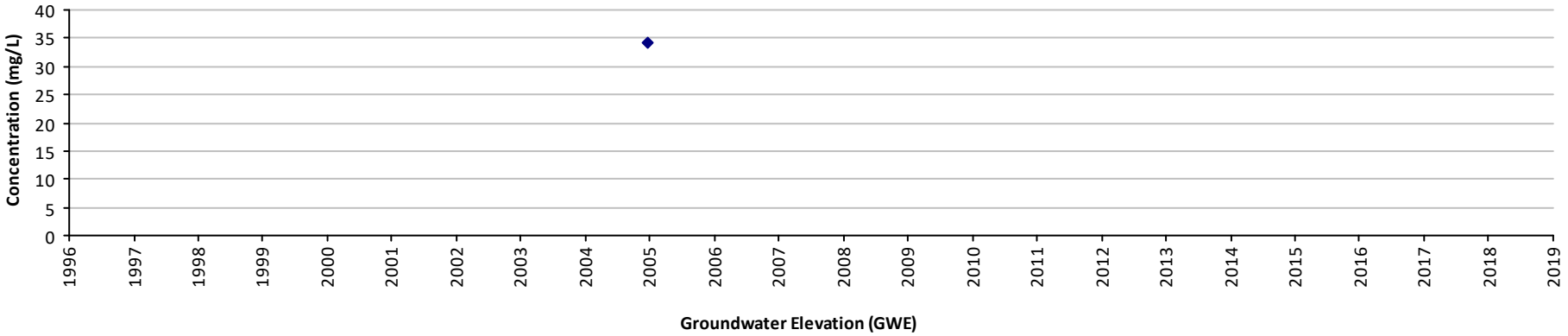
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

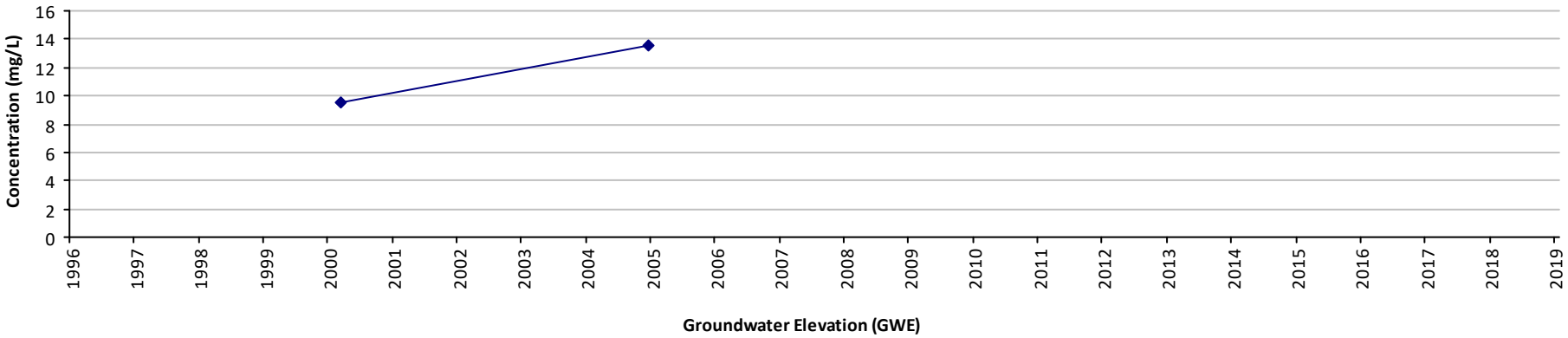
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

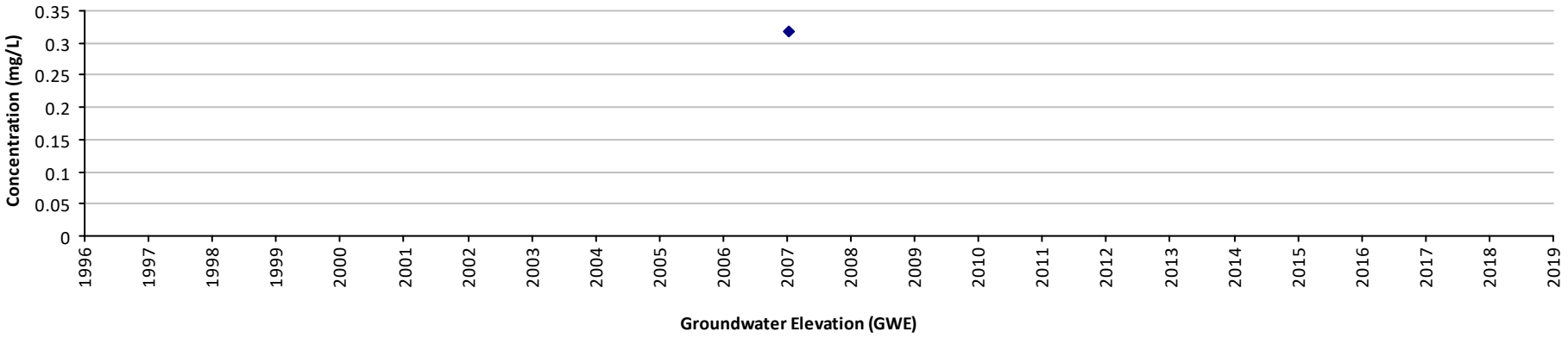
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

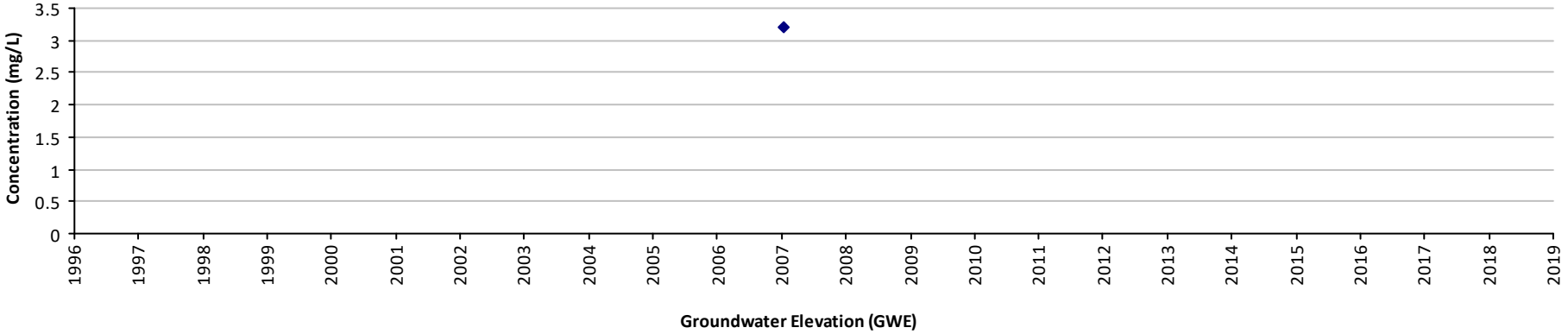
Nitrate-Nitrogen (NO_3-N)



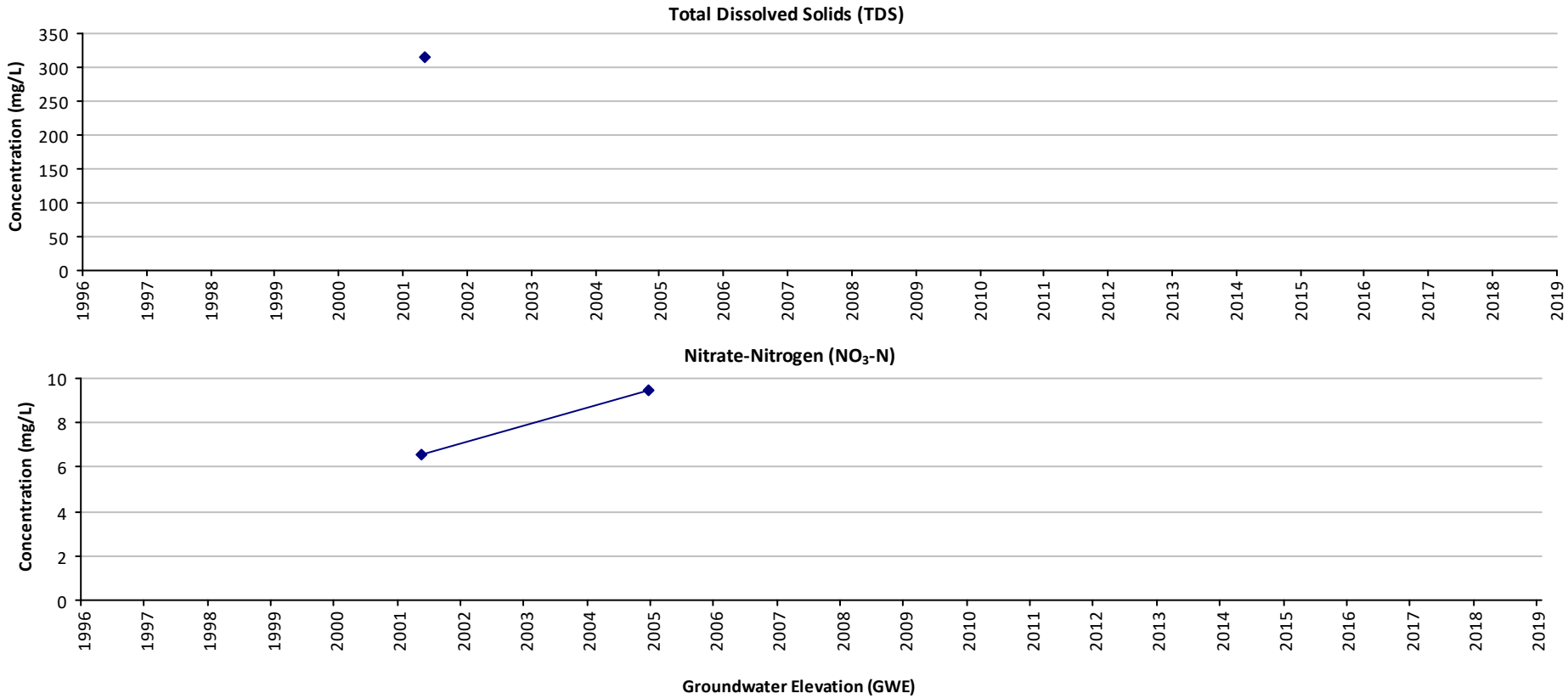
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

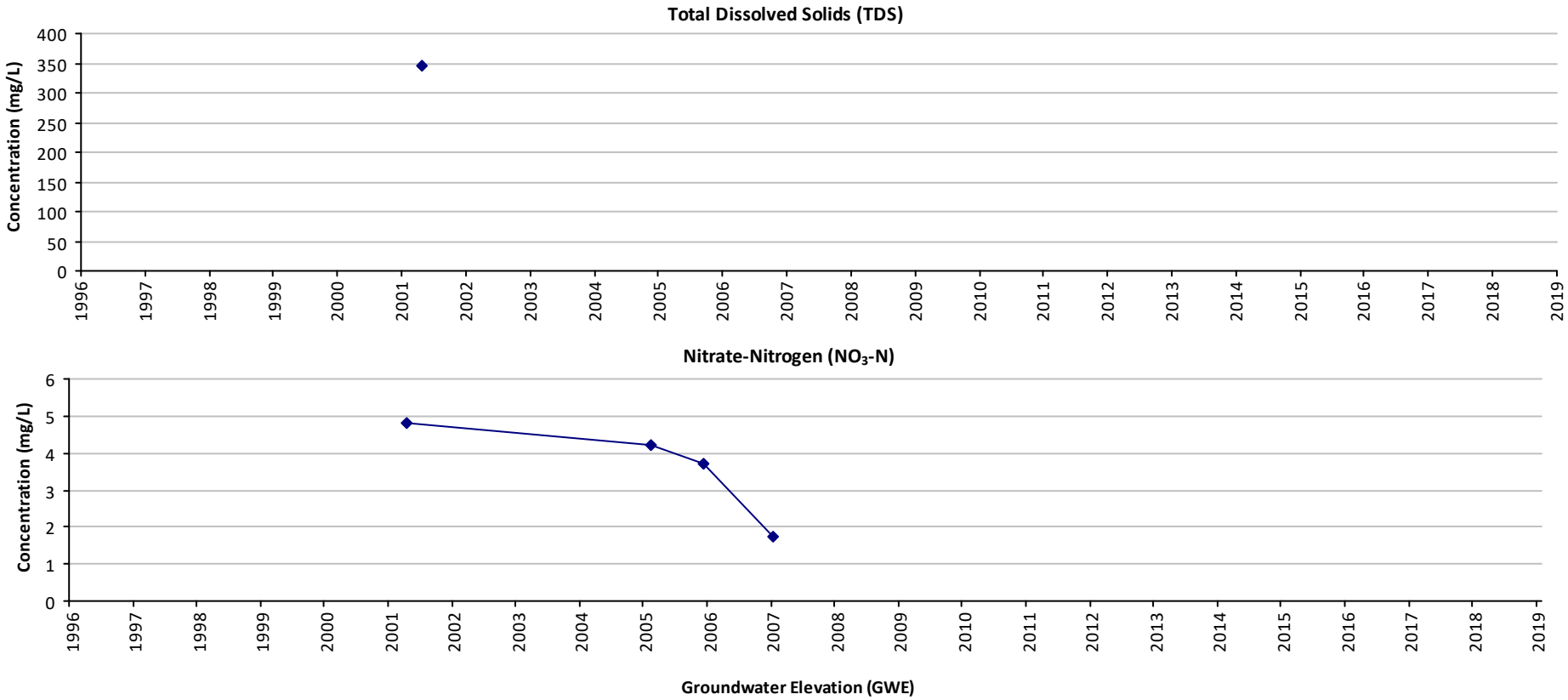
Total Dissolved Solids (TDS)

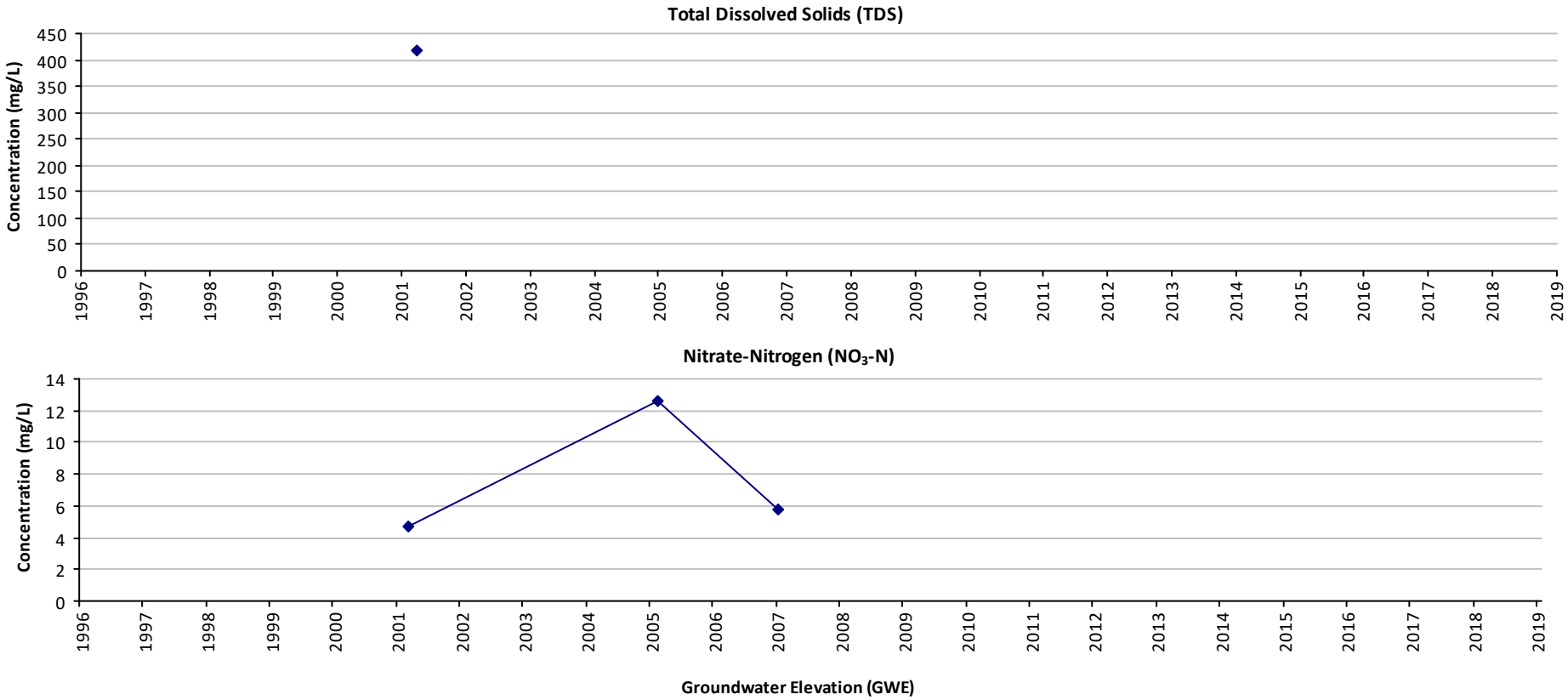
Nitrate-Nitrogen (NO_3-N)

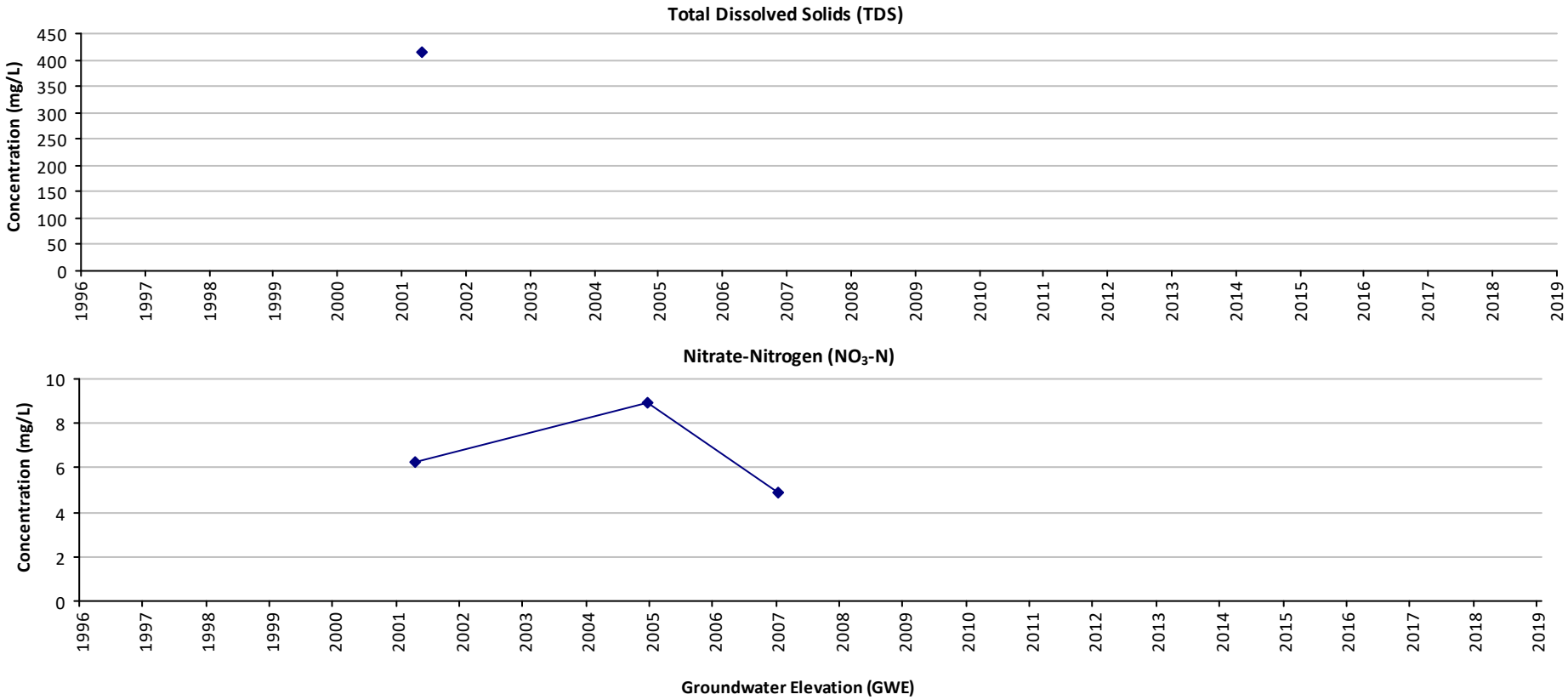


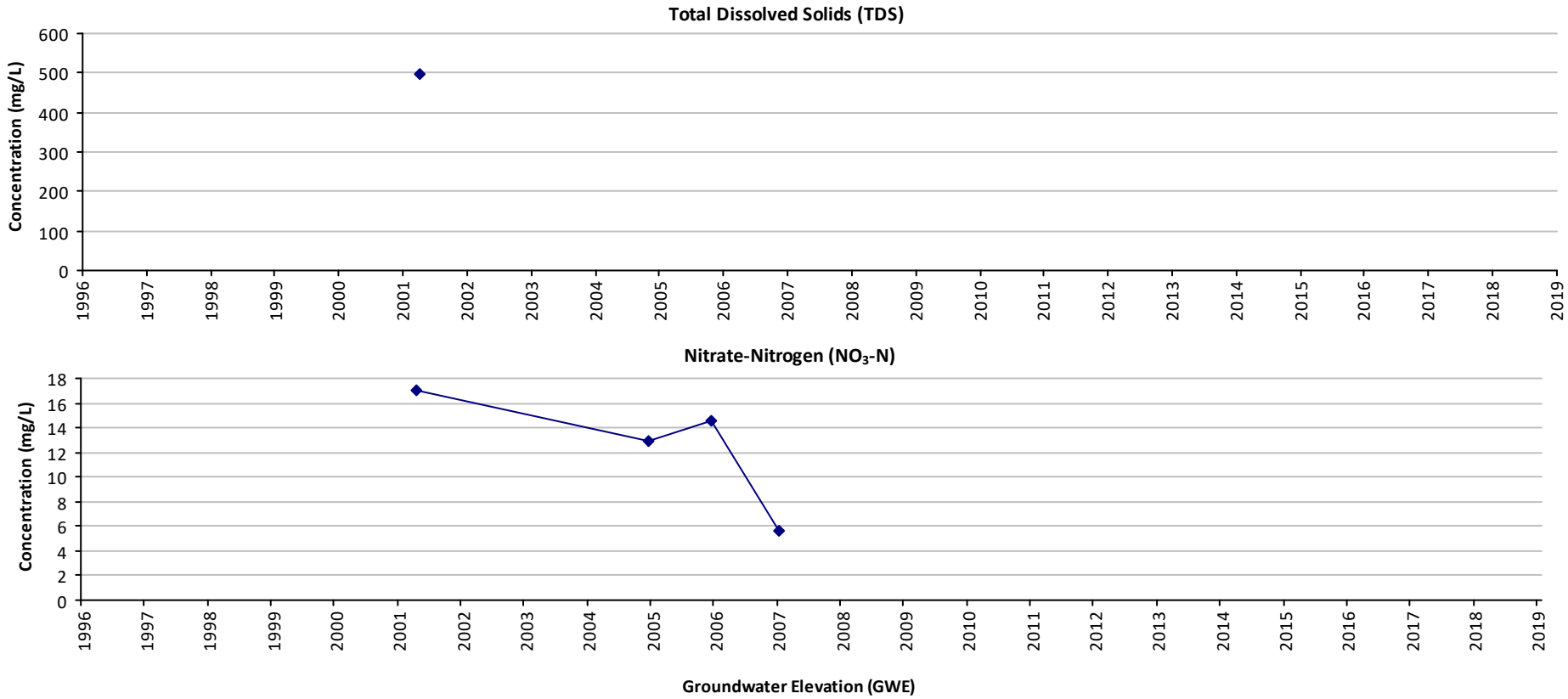
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

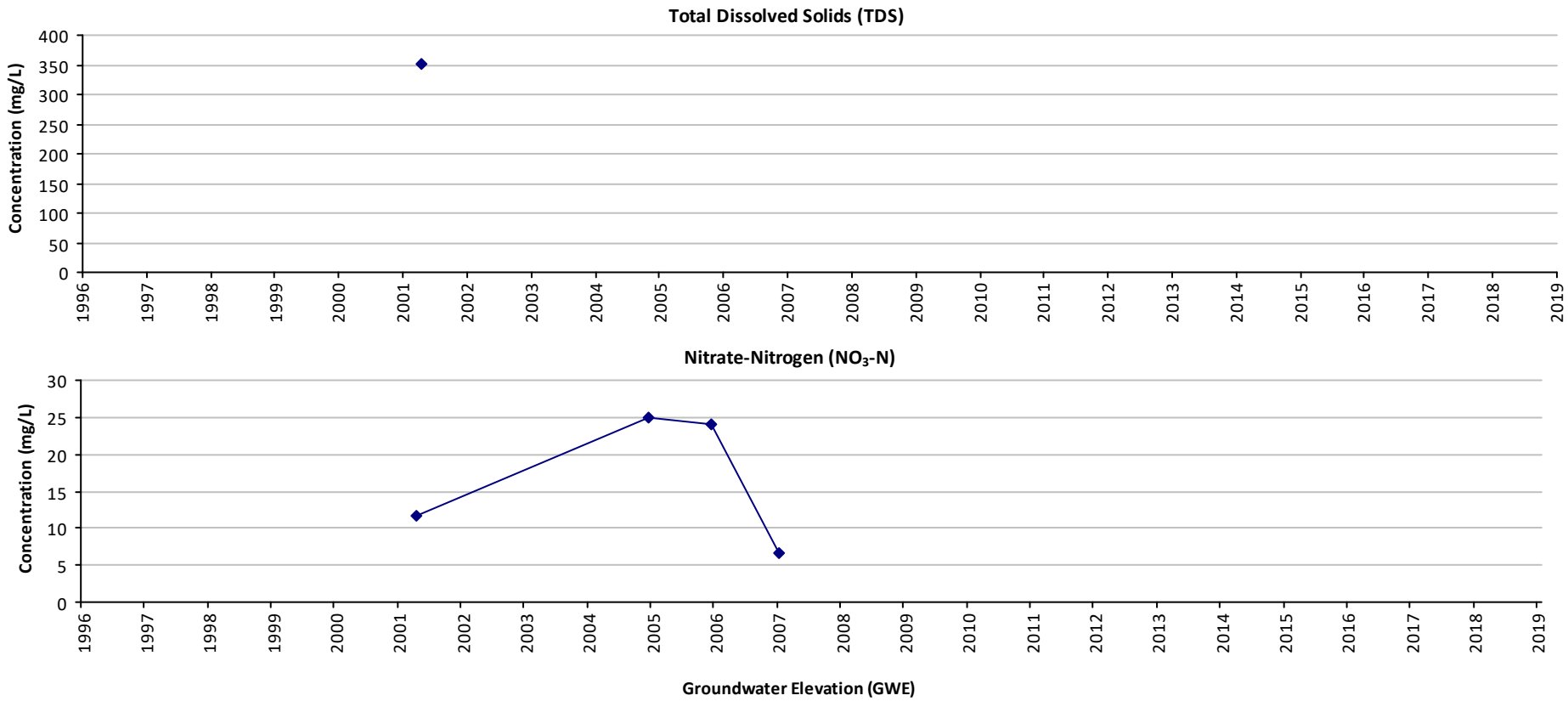

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

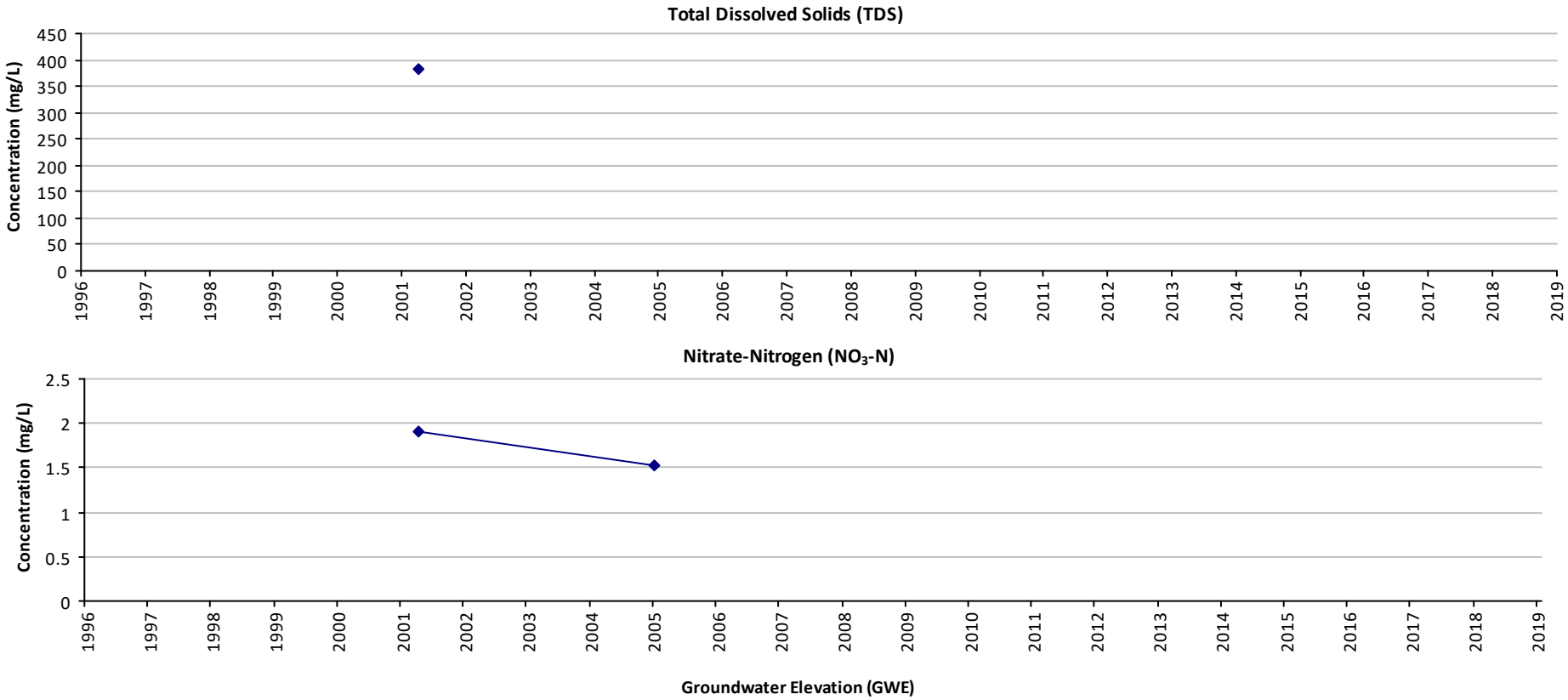

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

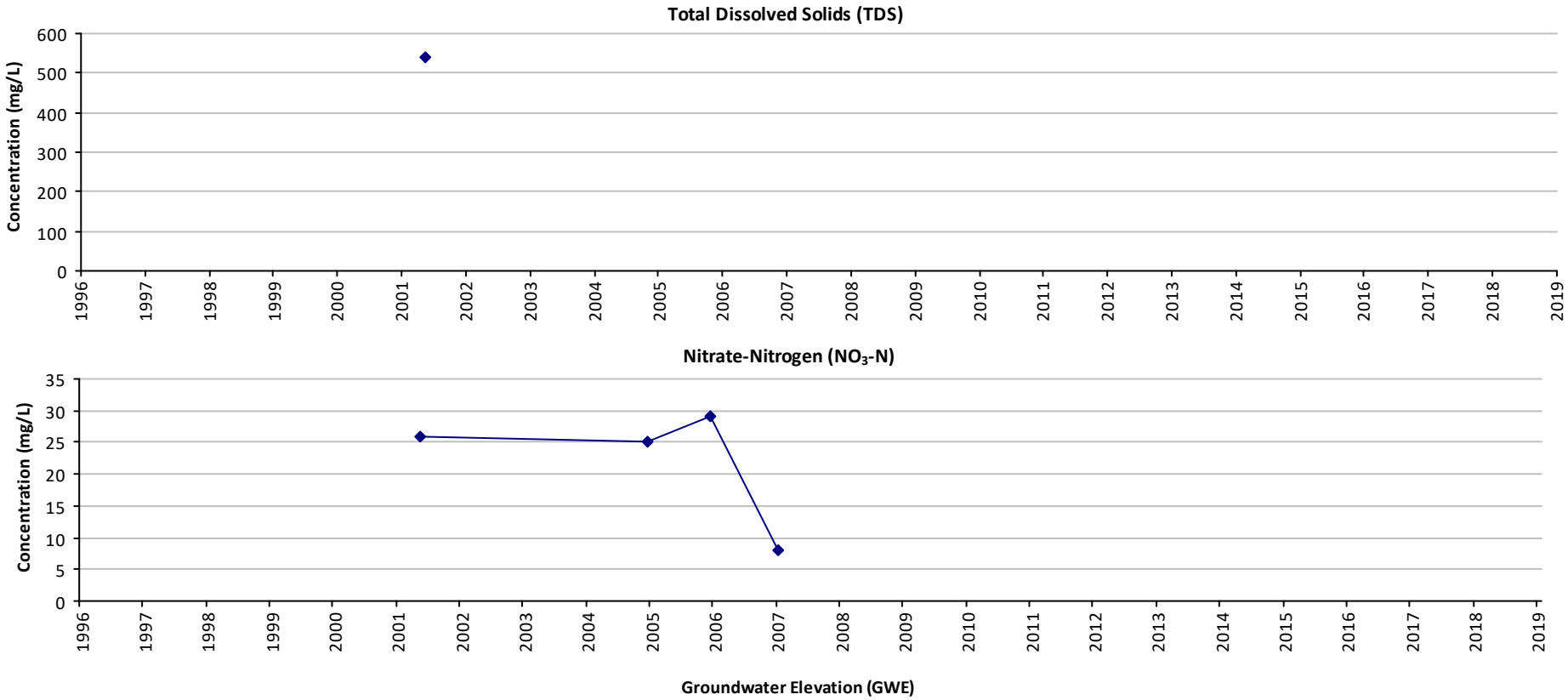

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

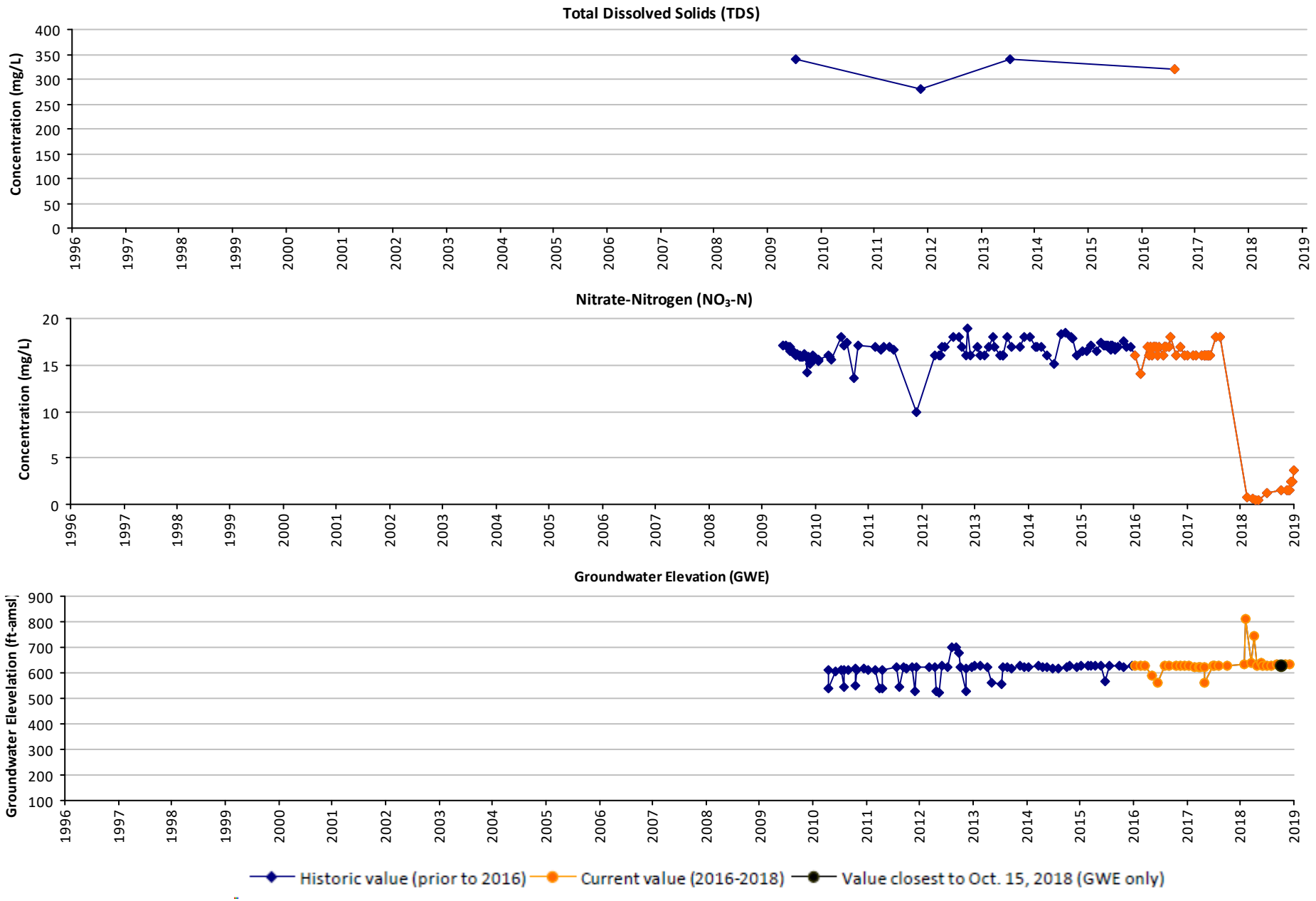

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

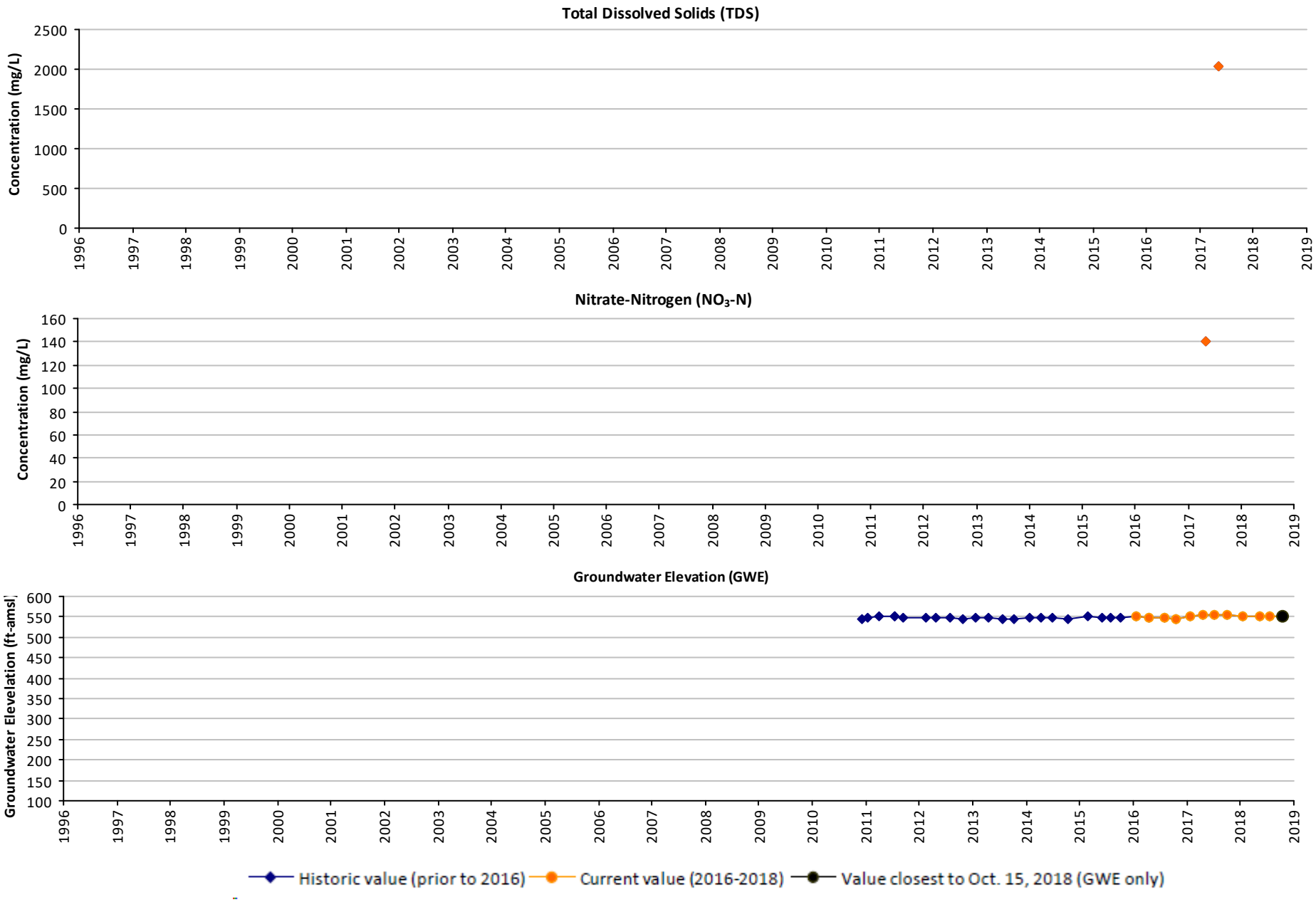

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

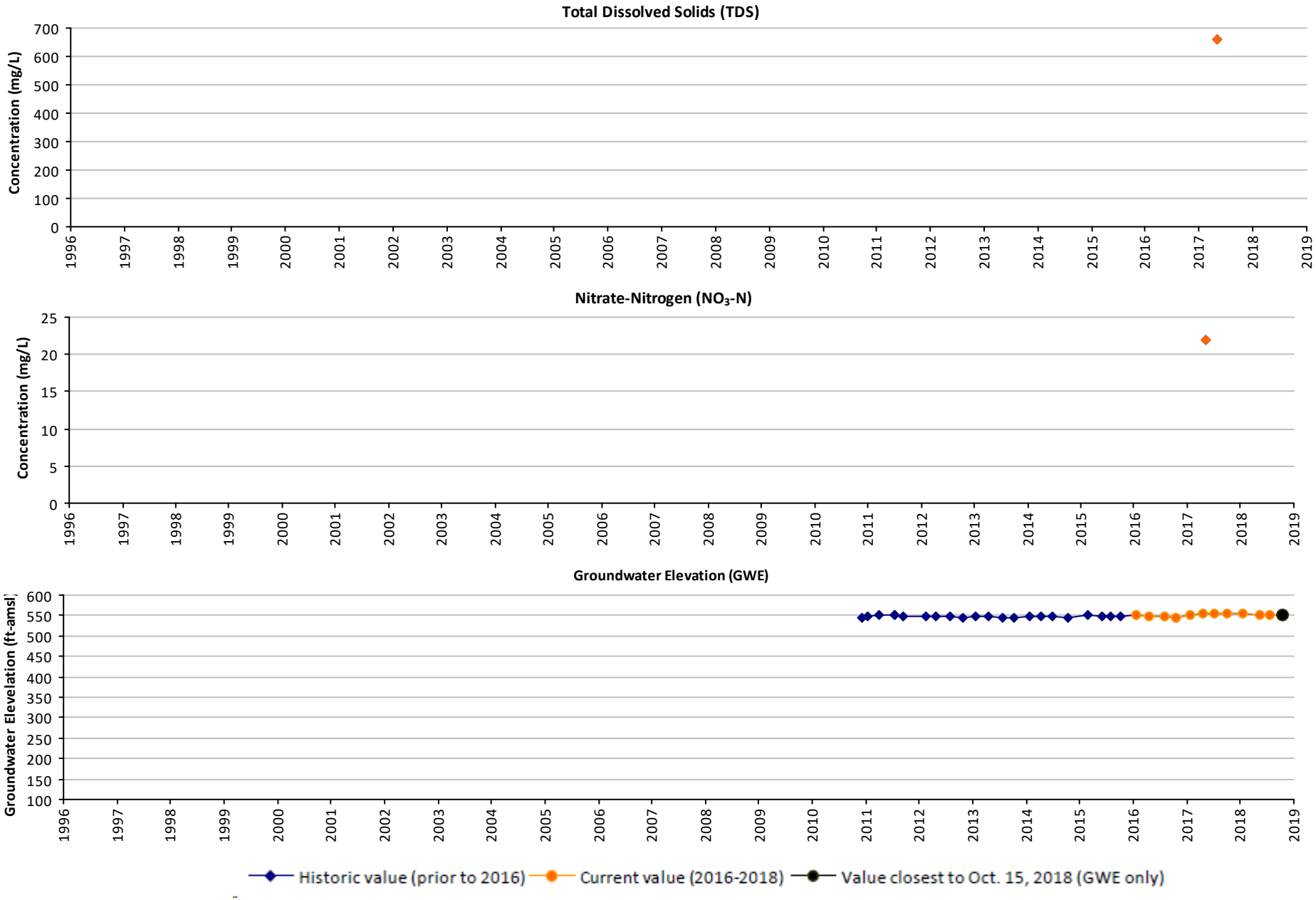

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

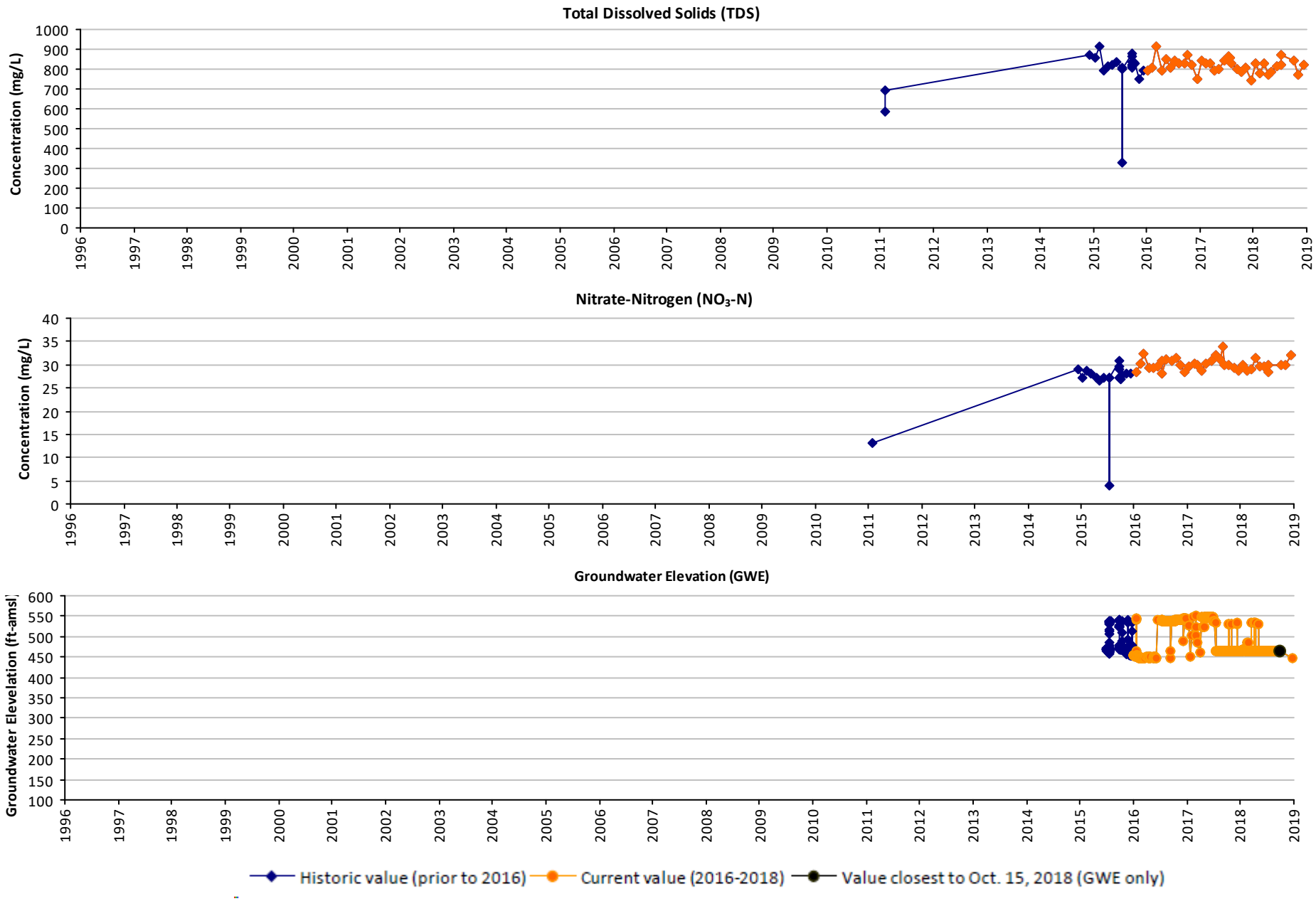

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

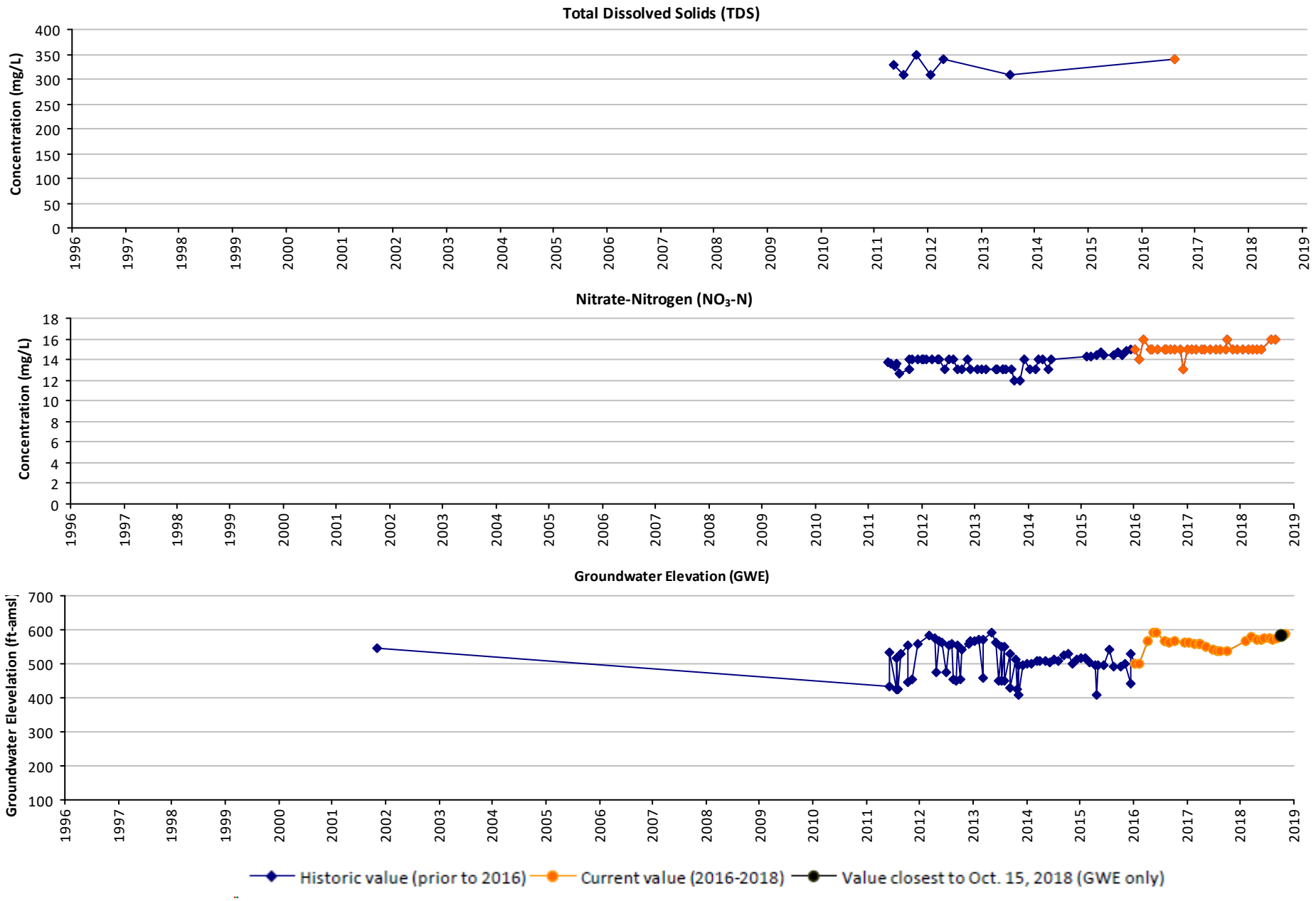

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
160
140
120
100
80
60
40
20
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

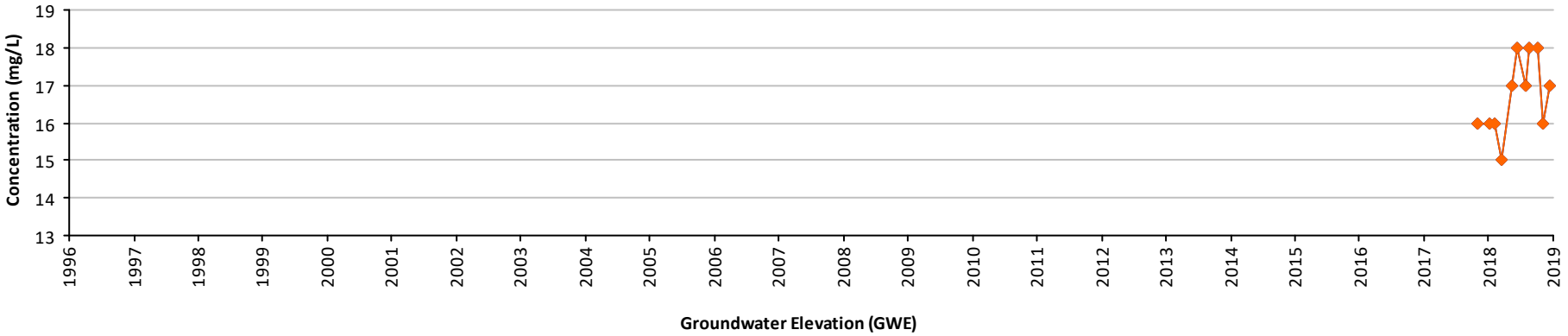

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

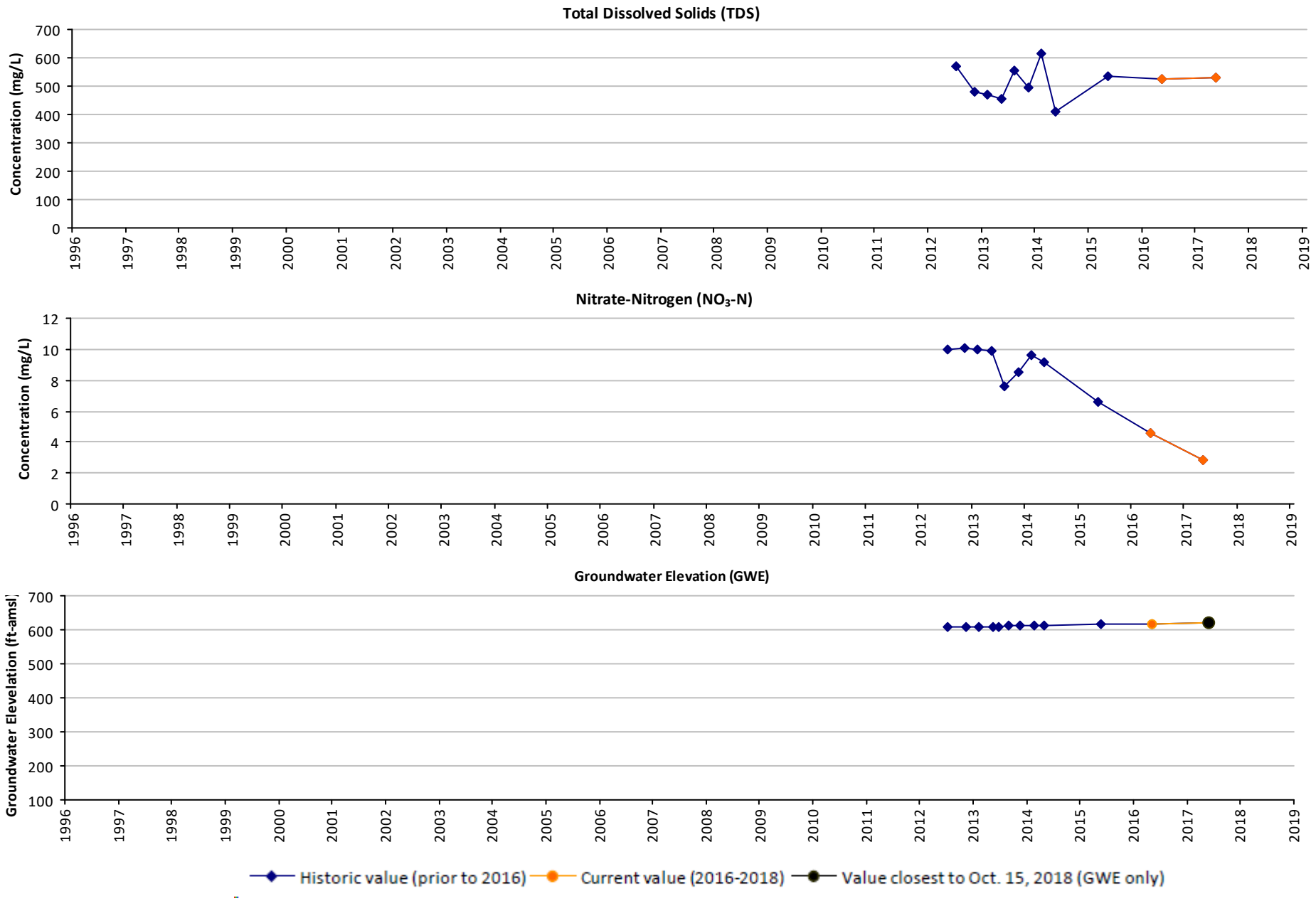

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

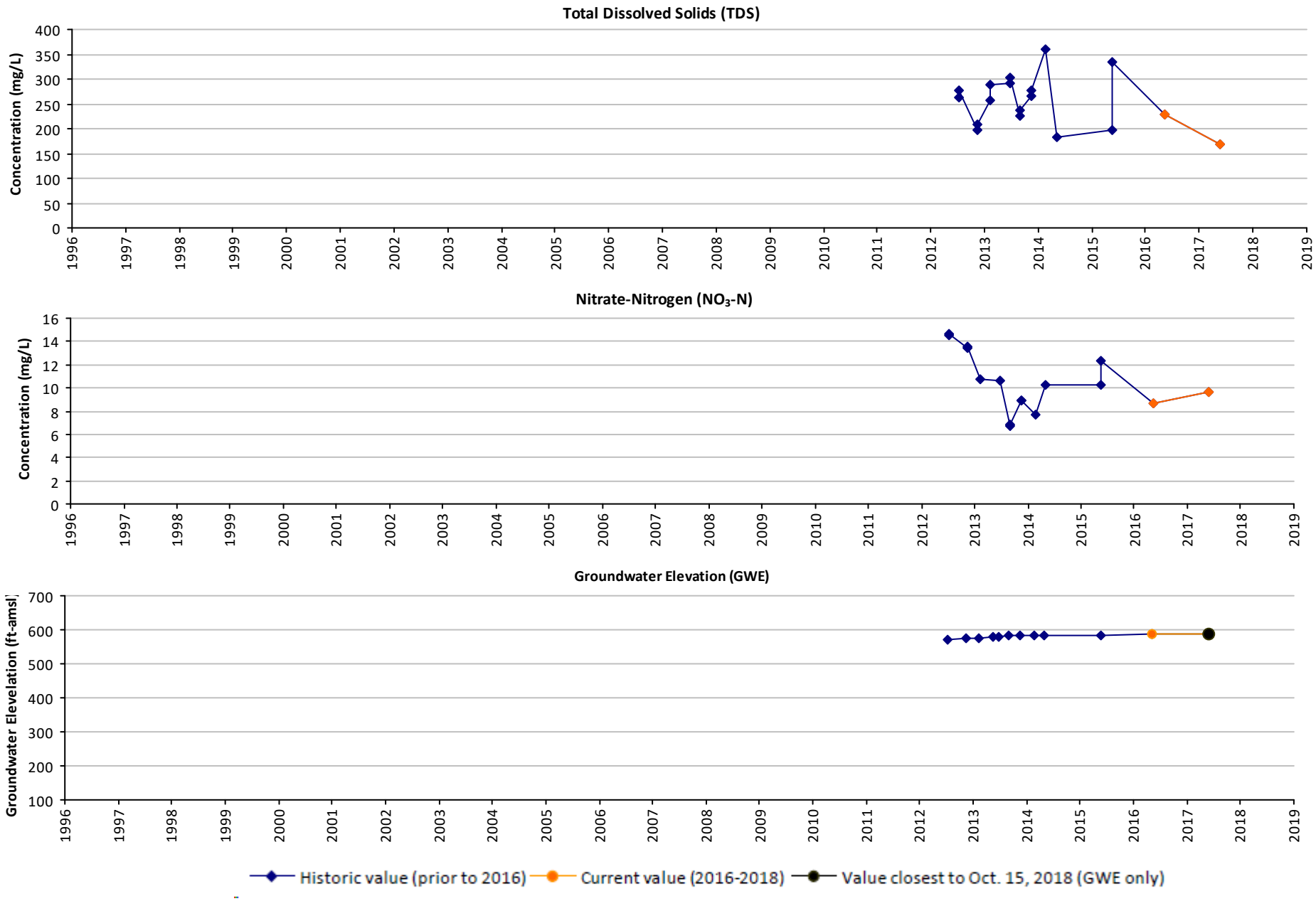
Total Dissolved Solids (TDS)

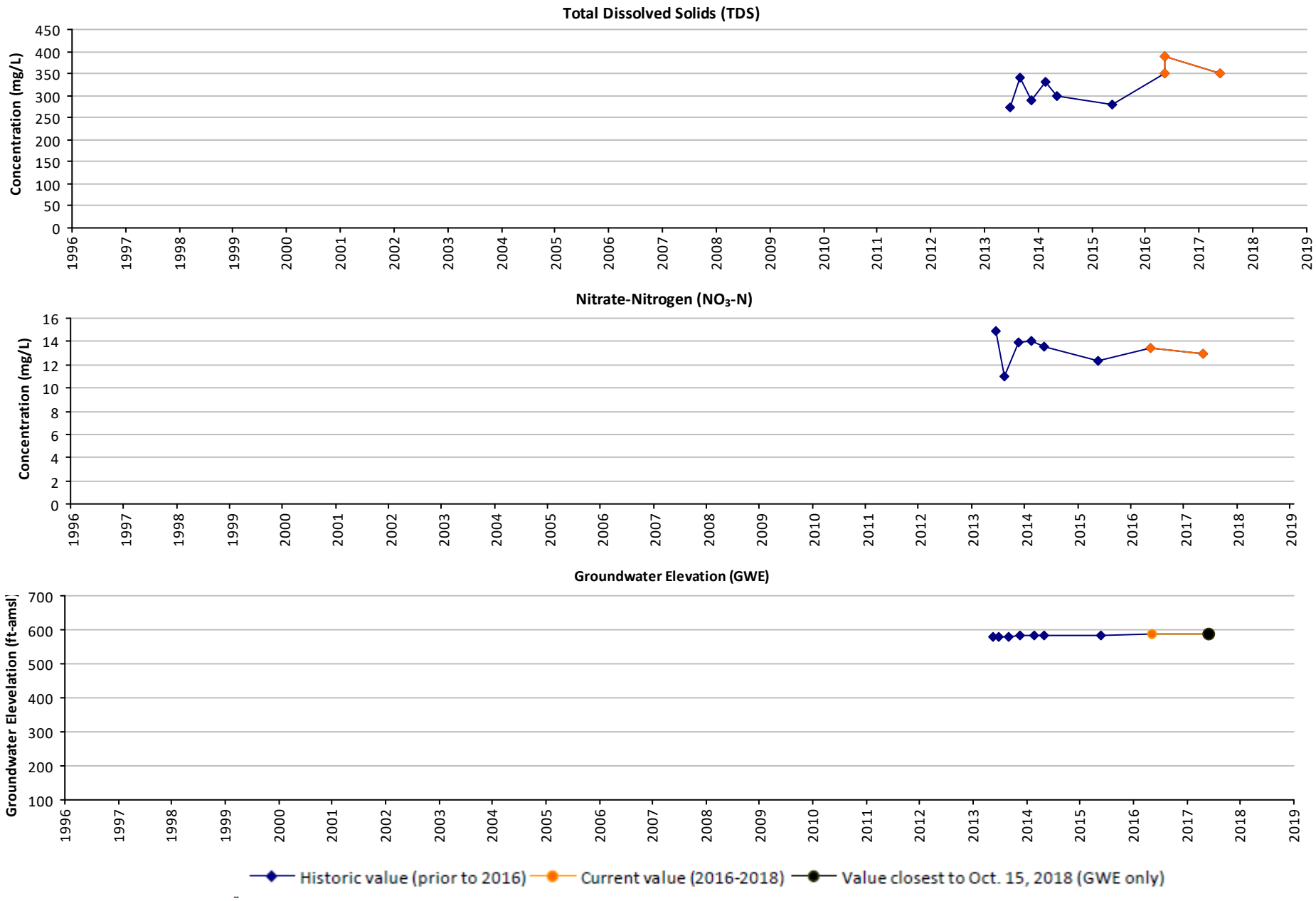
Nitrate-Nitrogen (NO_3-N)

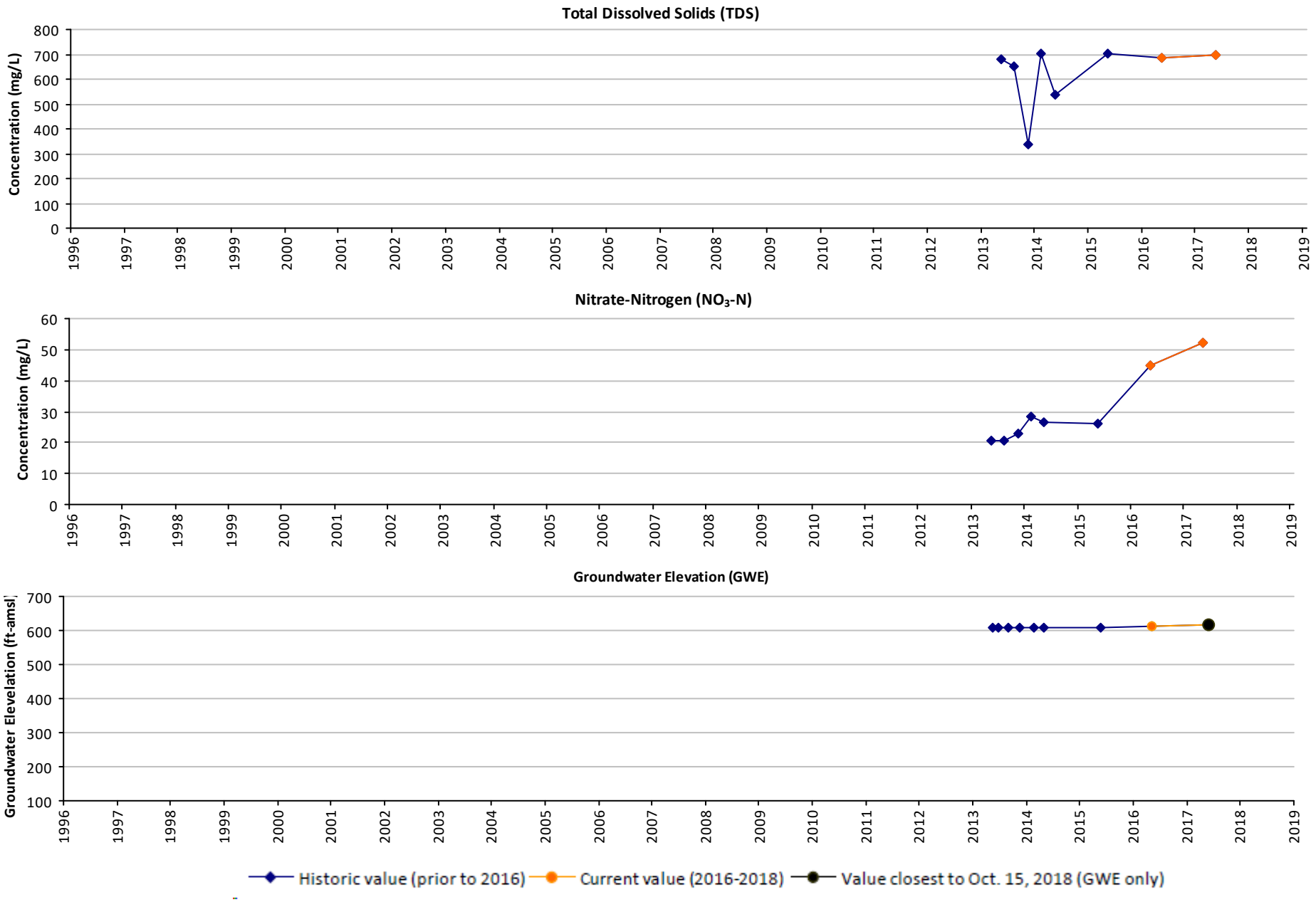


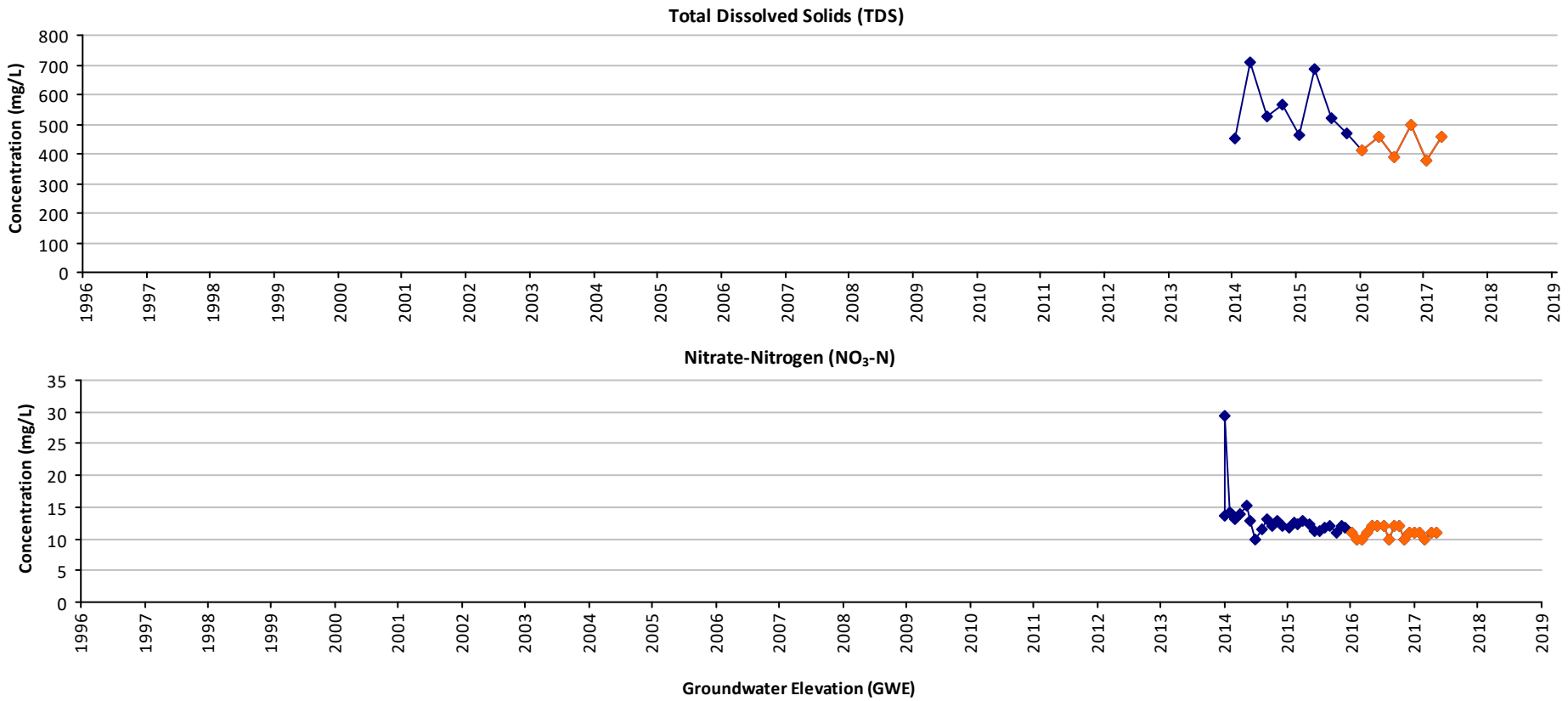
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

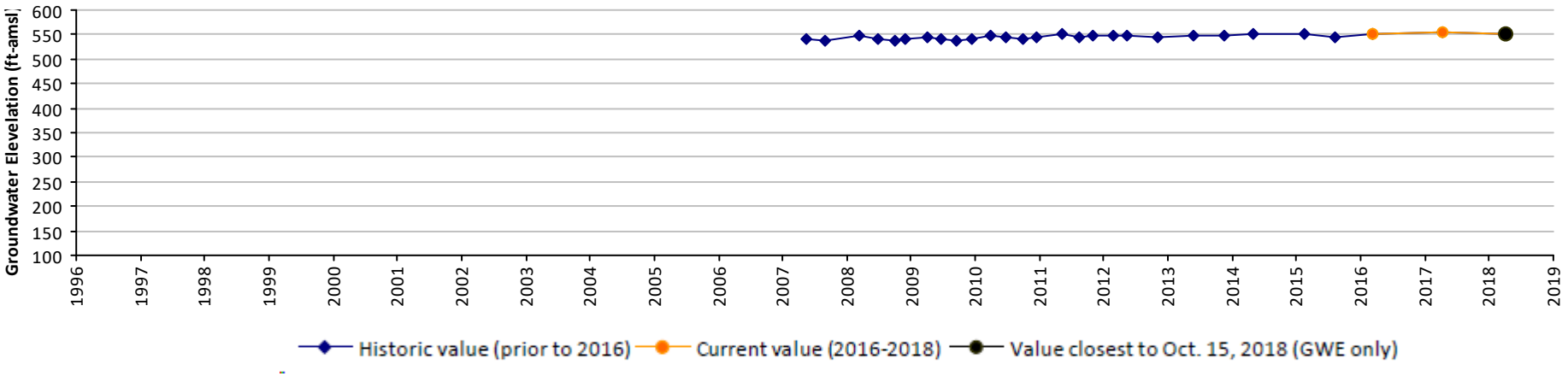

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

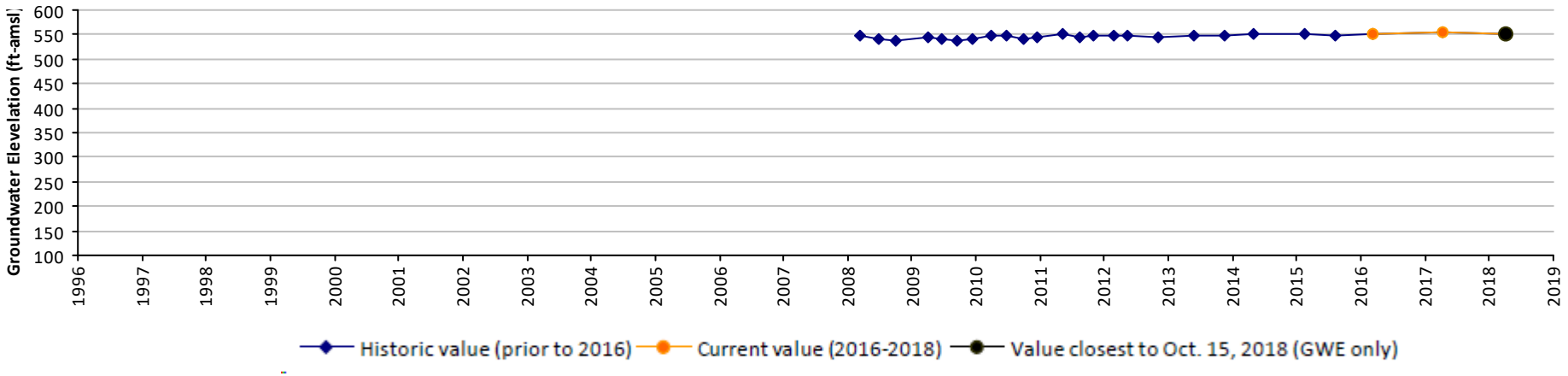
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

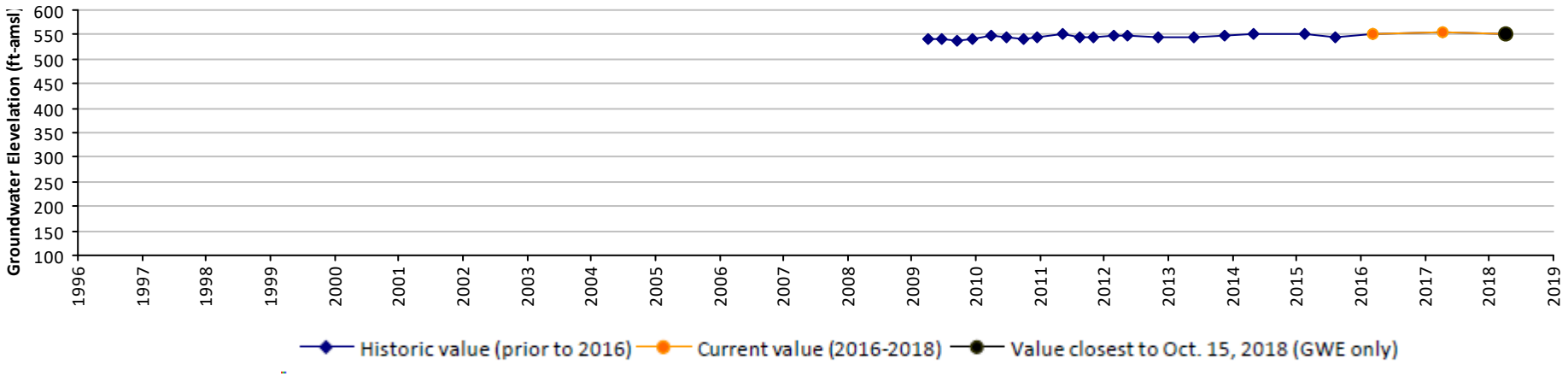
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

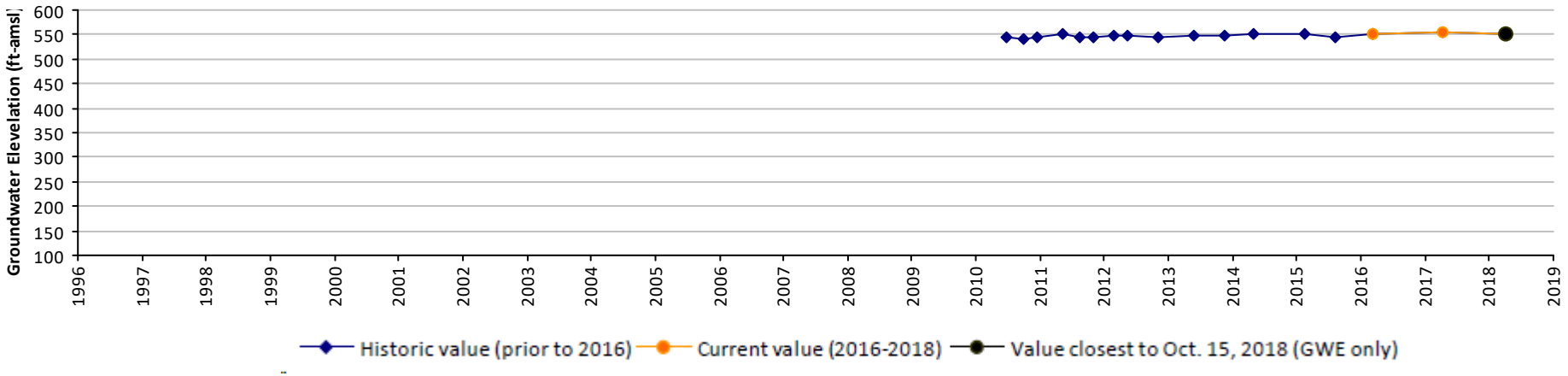
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

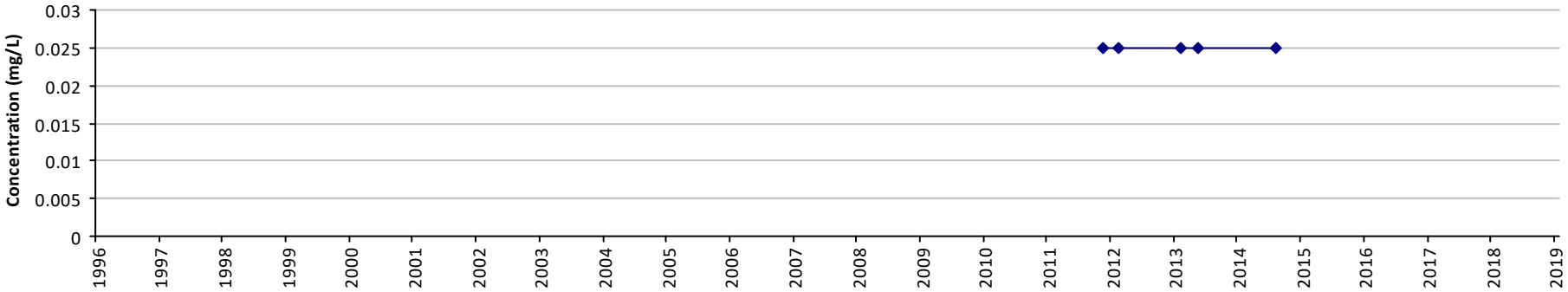
Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

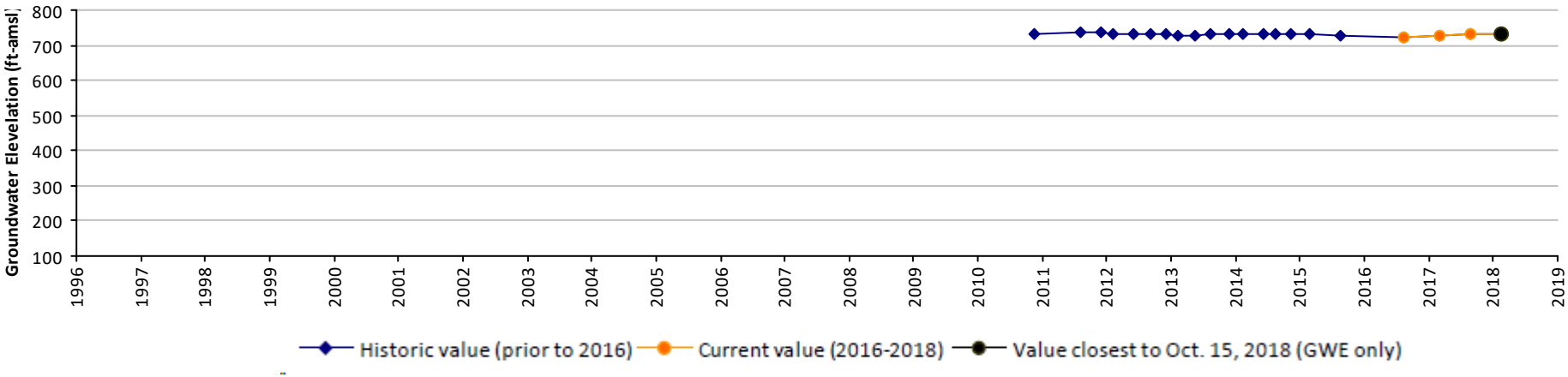


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

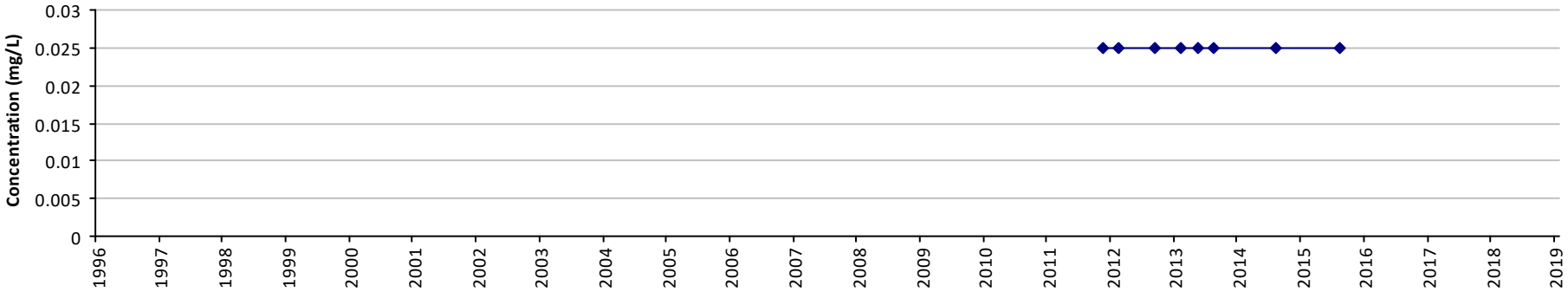


Groundwater Elevation (GWE)

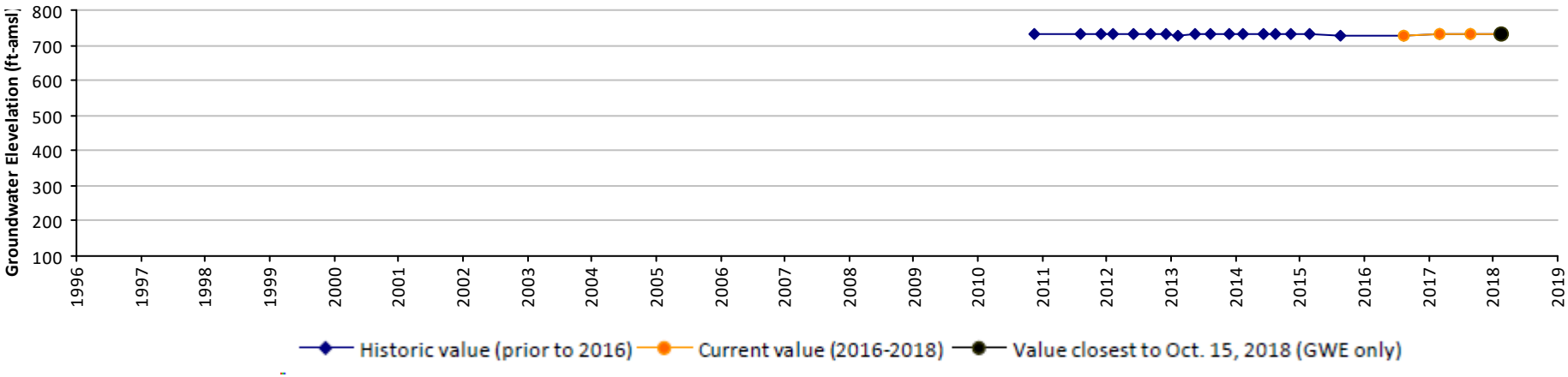


Total Dissolved Solids (TDS)

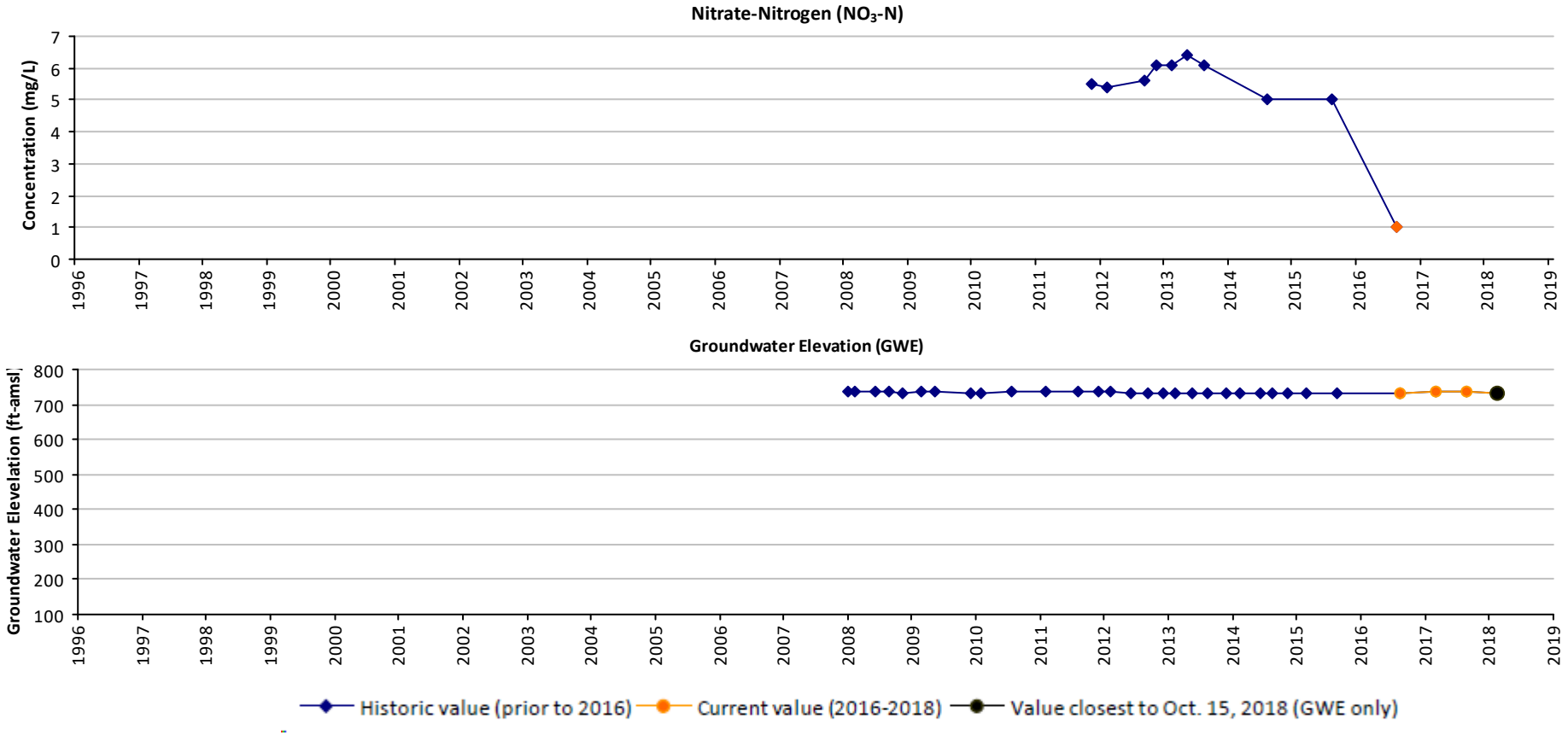
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

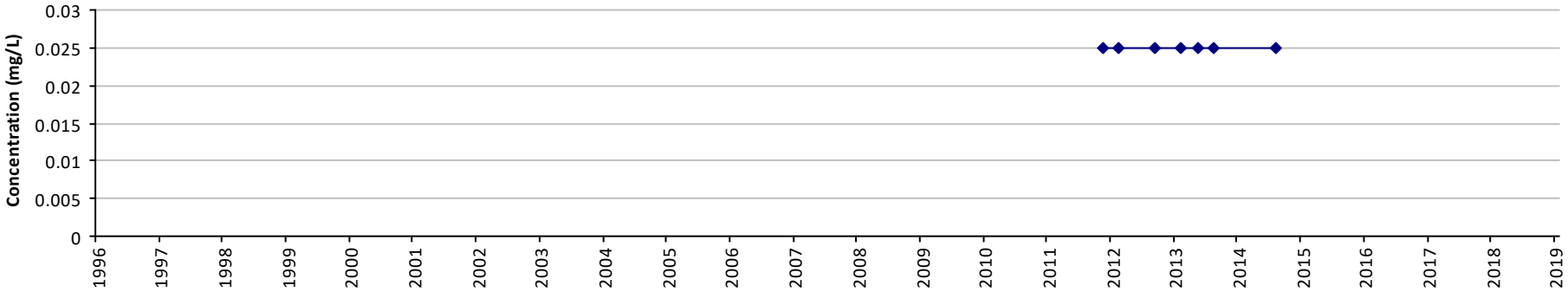


Total Dissolved Solids (TDS)

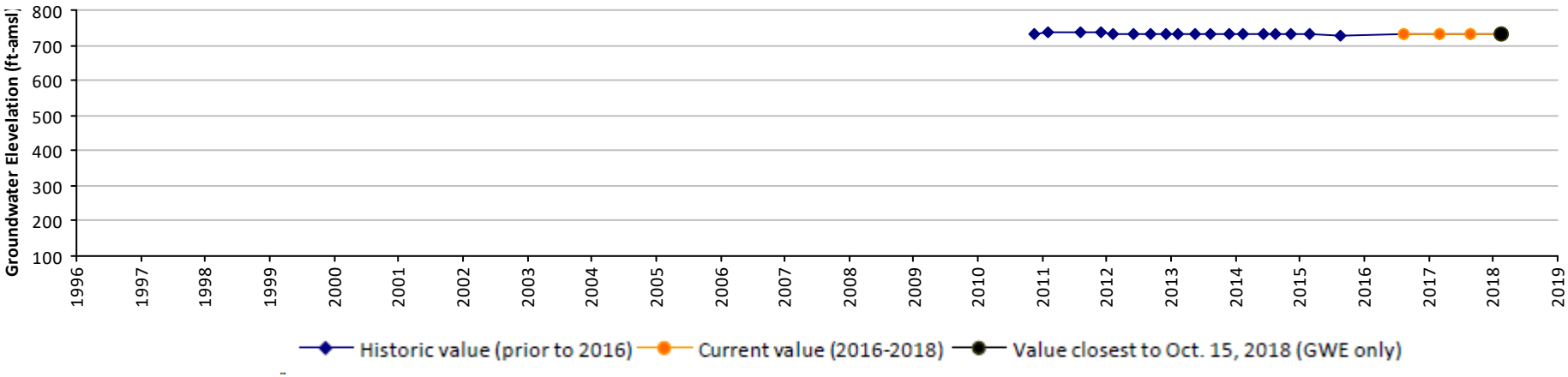


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

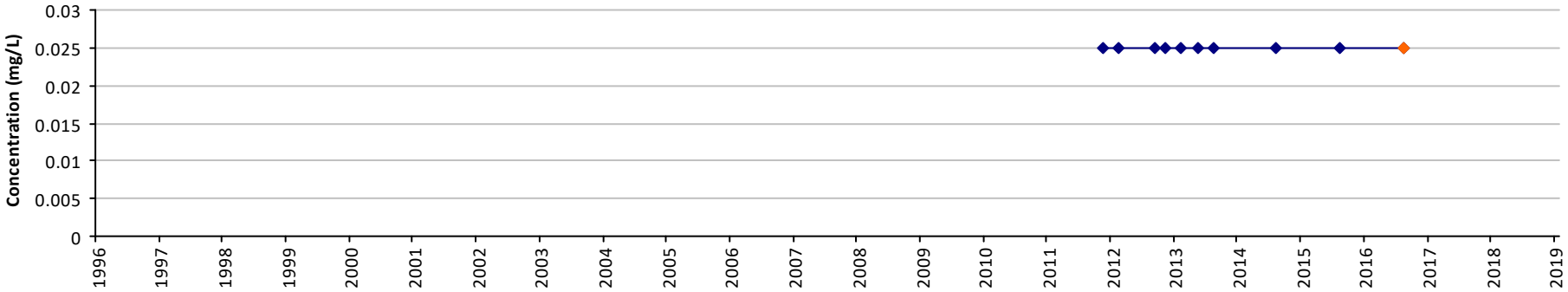


Groundwater Elevation (GWE)

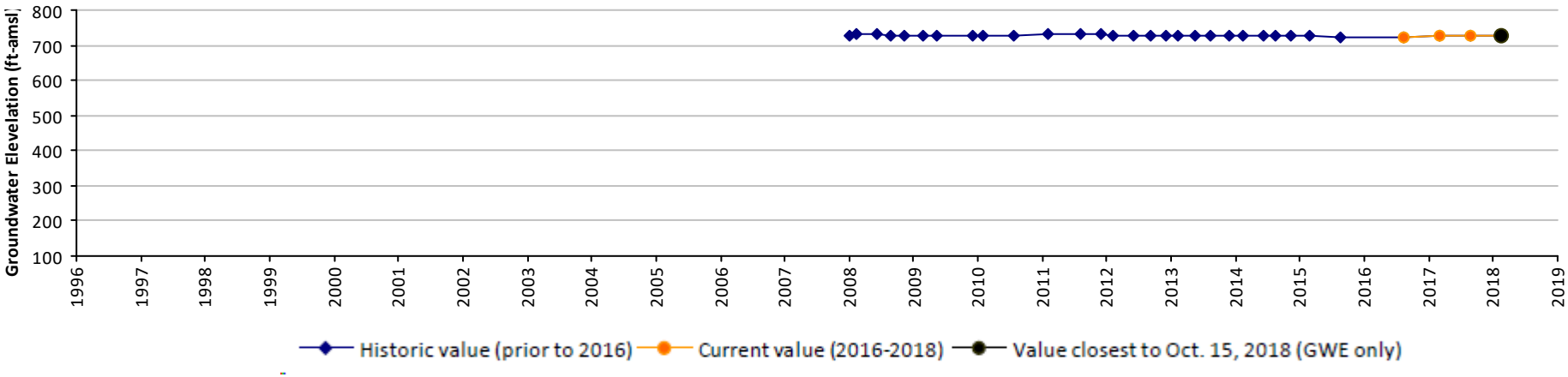


Total Dissolved Solids (TDS)

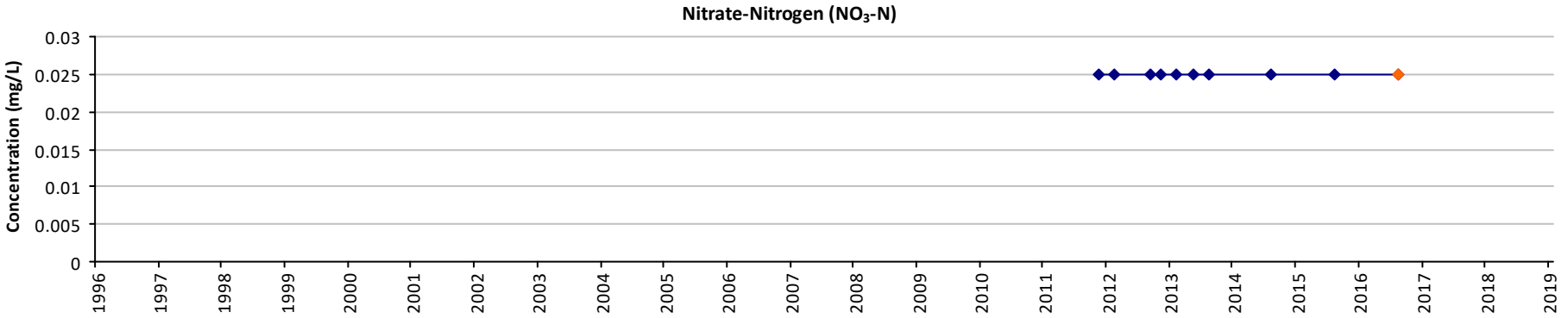
Nitrate-Nitrogen (NO_3-N)

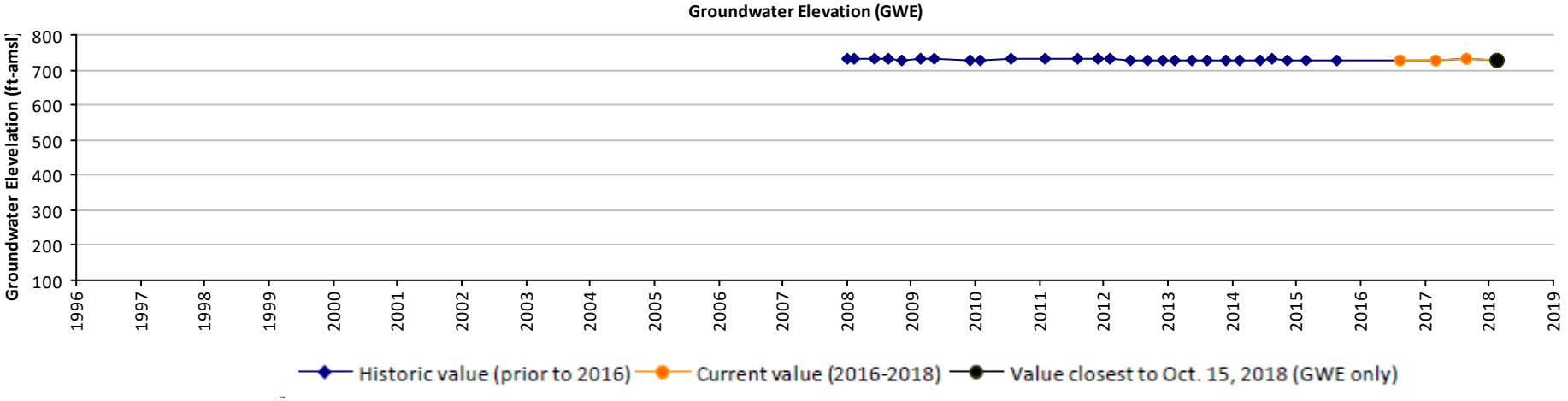


Groundwater Elevation (GWE)



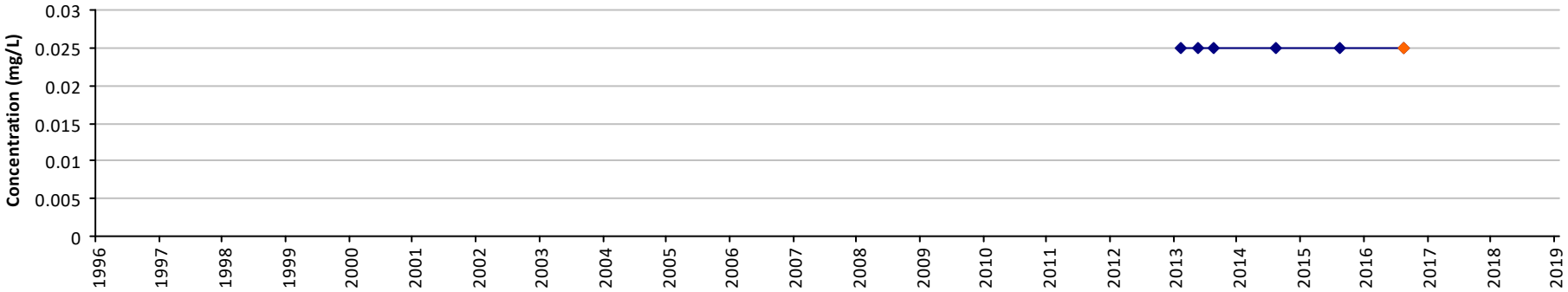
Total Dissolved Solids (TDS)



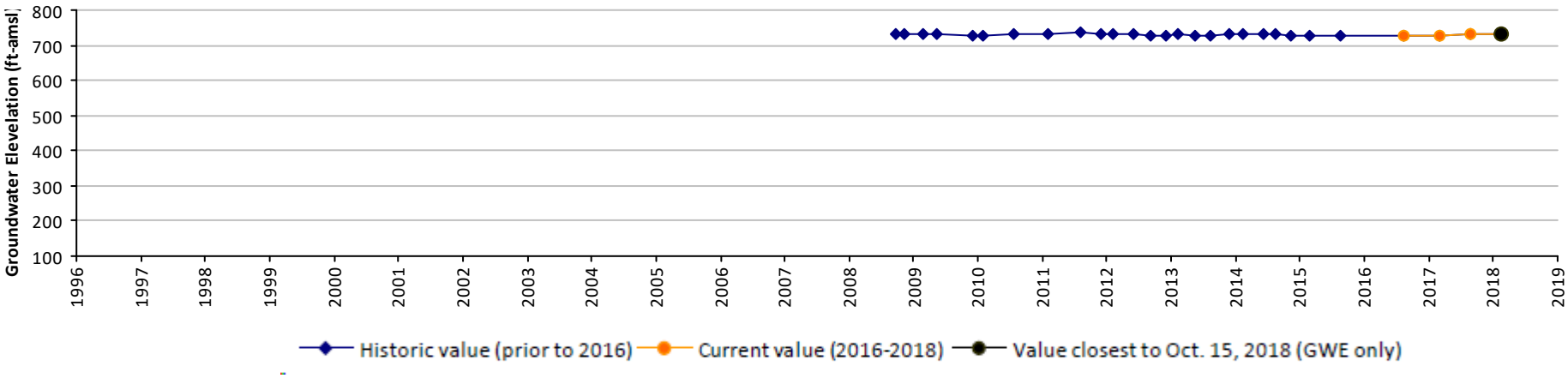


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

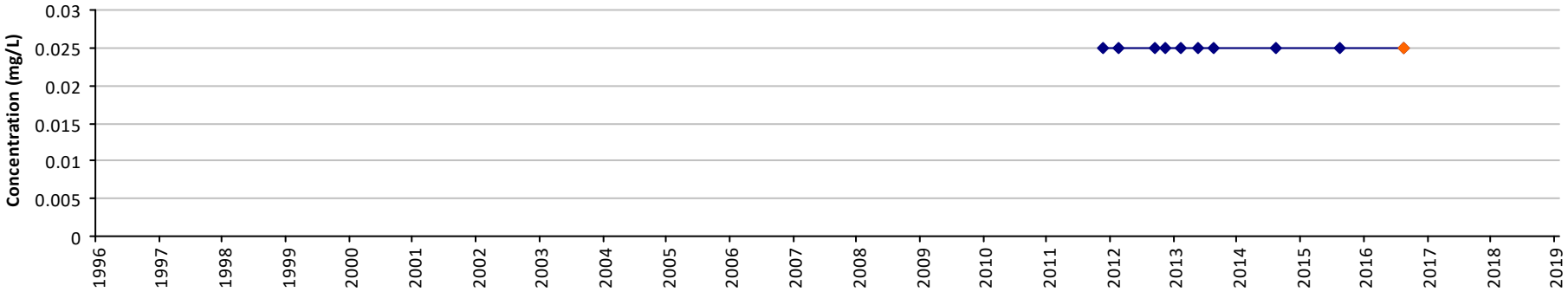


Groundwater Elevation (GWE)

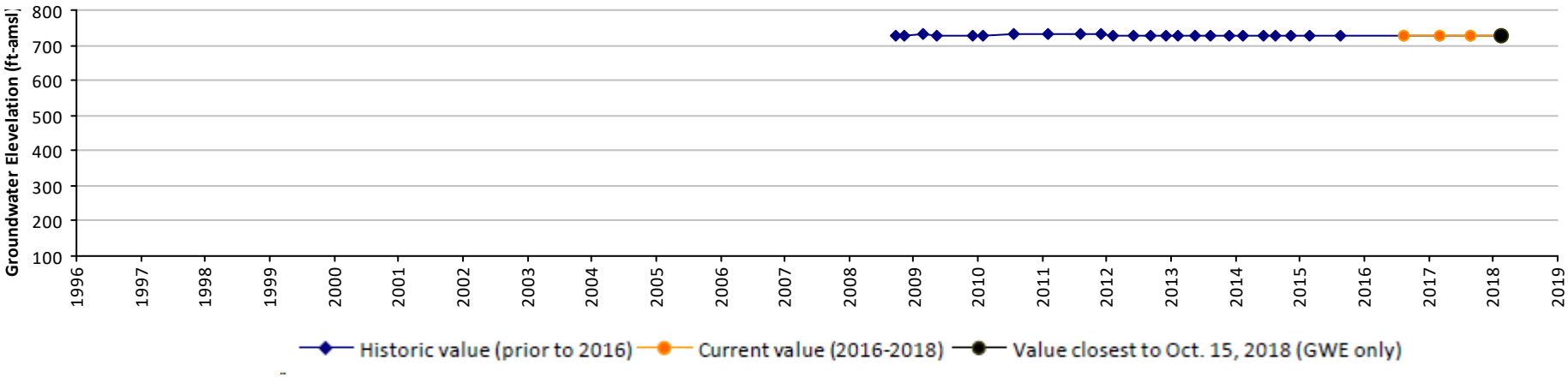


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

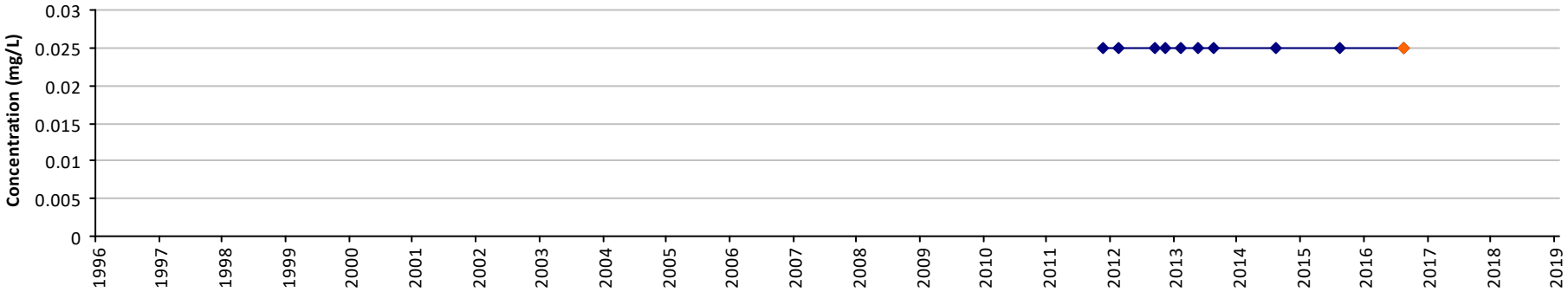


Groundwater Elevation (GWE)

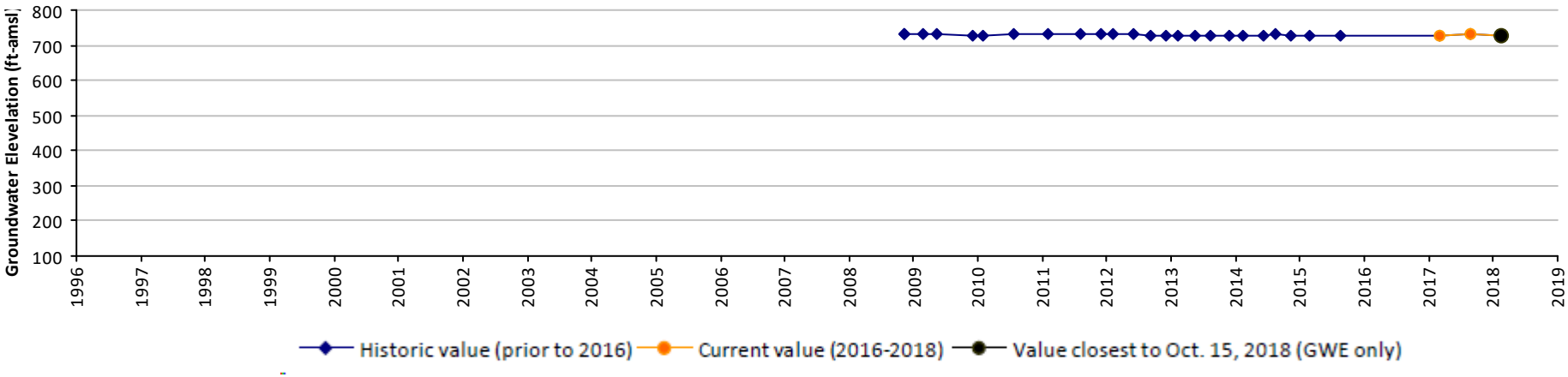


Total Dissolved Solids (TDS)

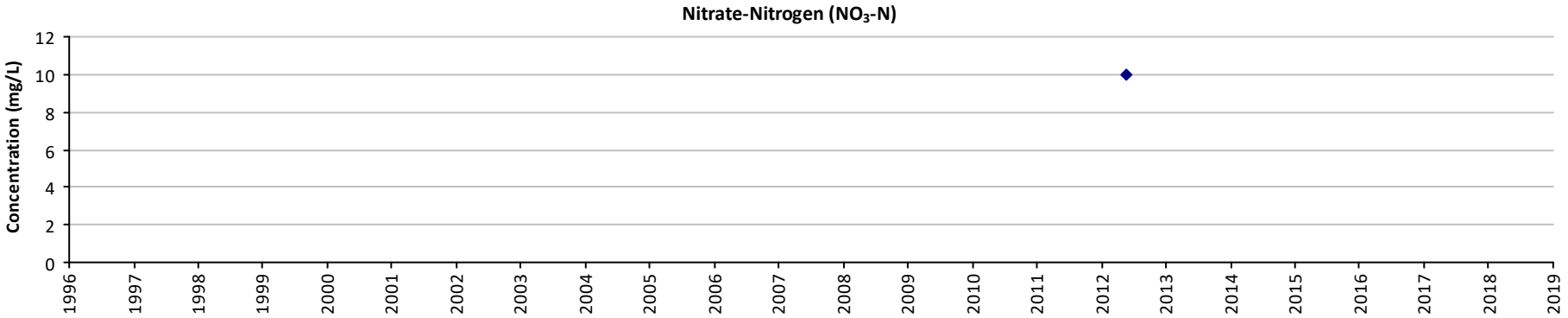
Nitrate-Nitrogen (NO_3-N)

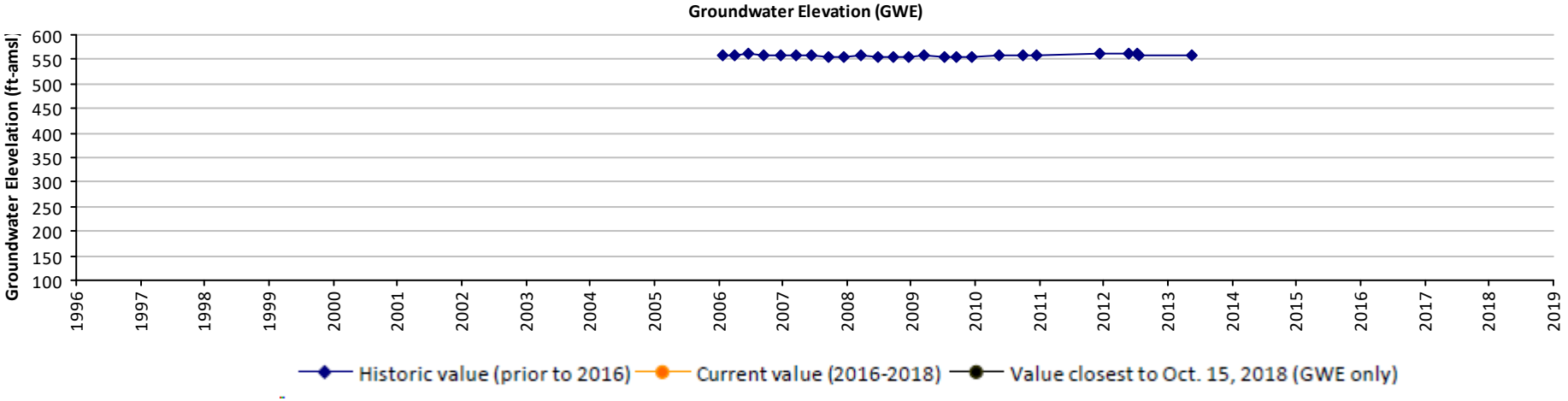


Groundwater Elevation (GWE)

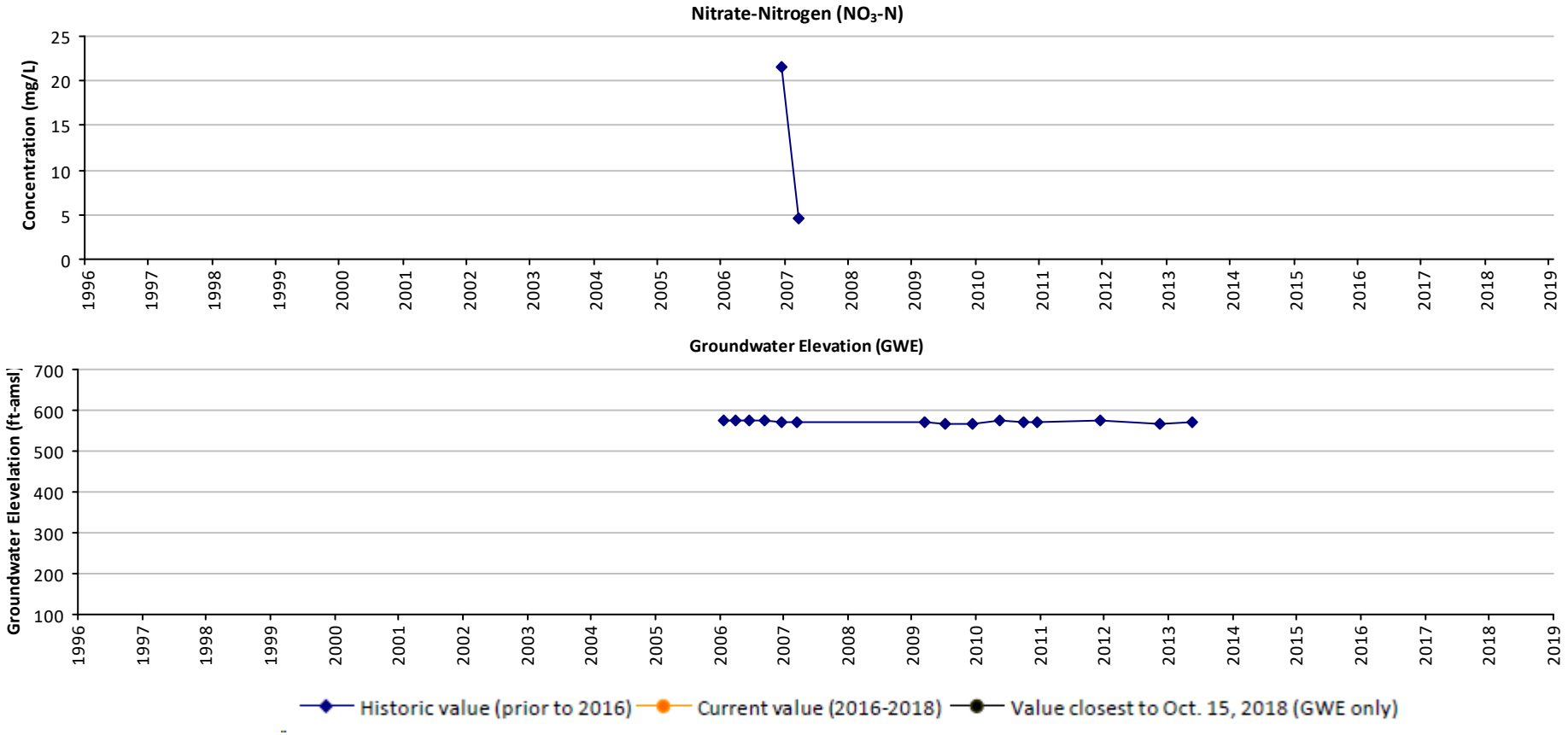


Total Dissolved Solids (TDS)

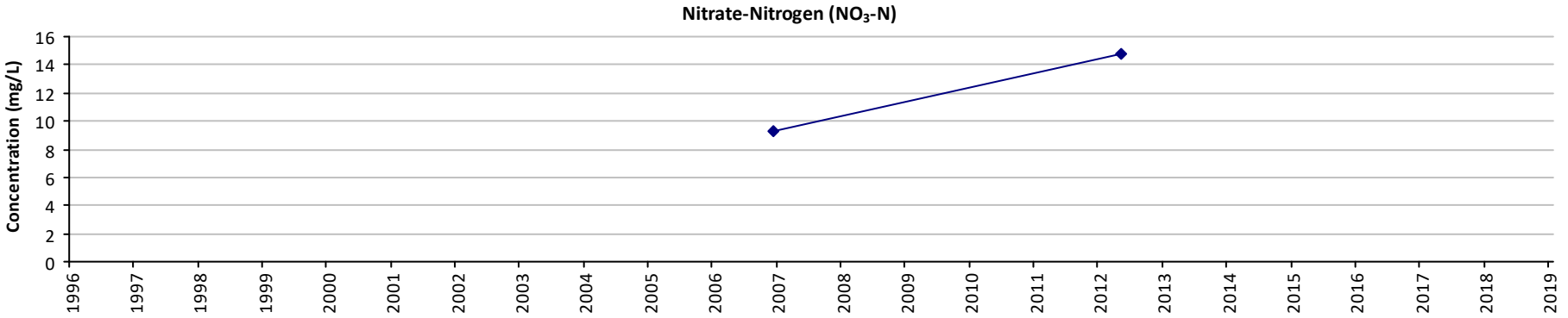


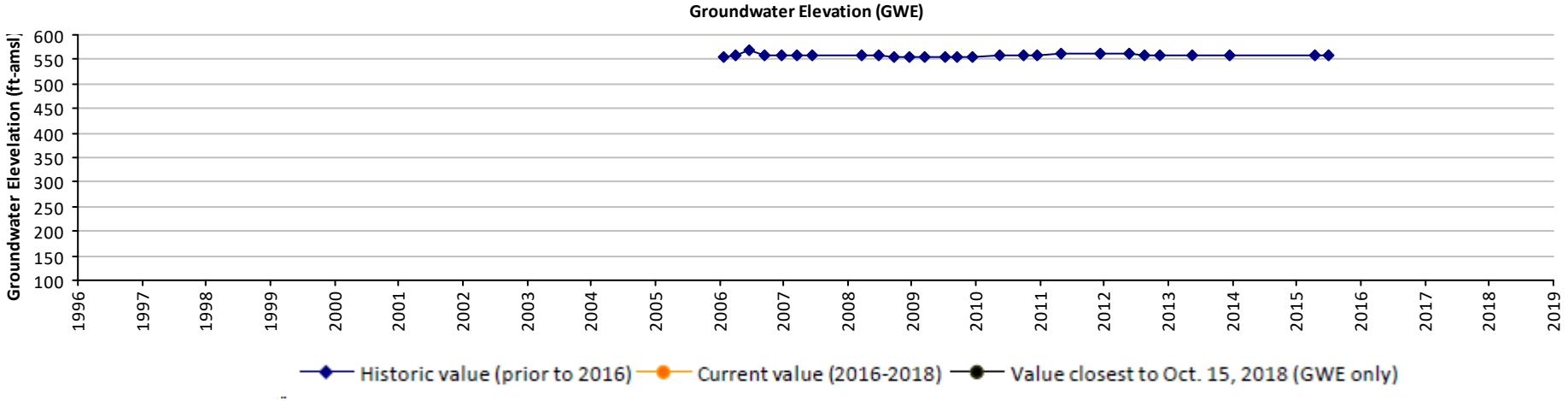


Total Dissolved Solids (TDS)

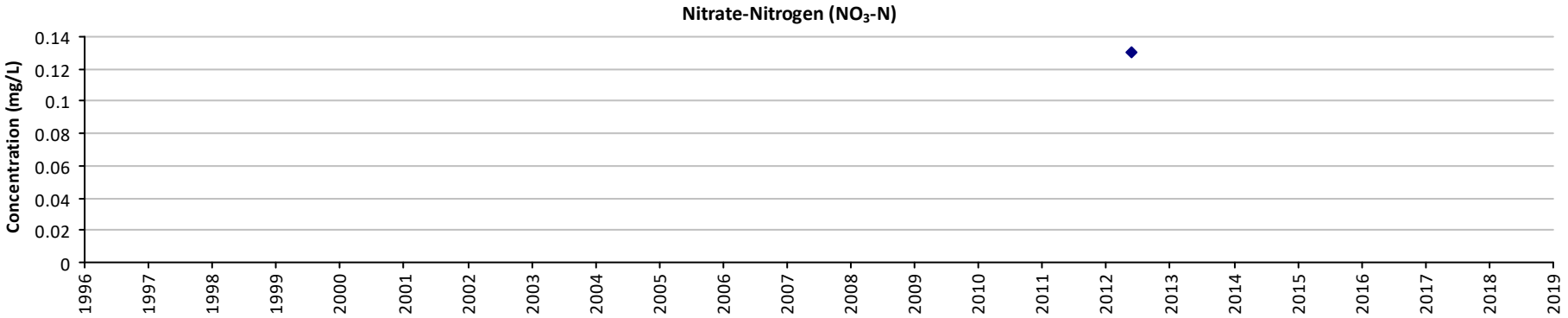


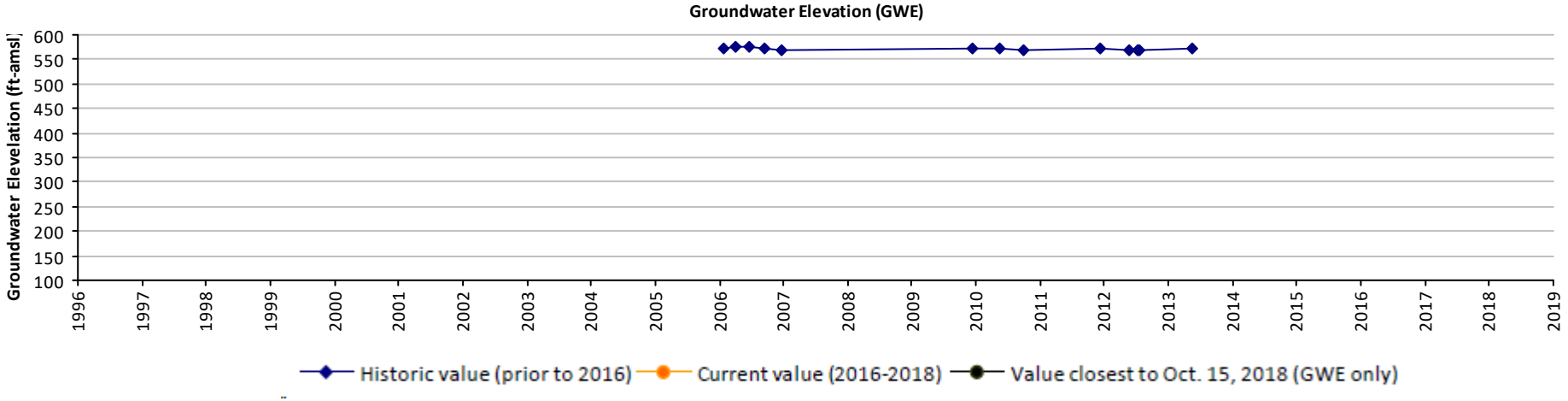
Total Dissolved Solids (TDS)





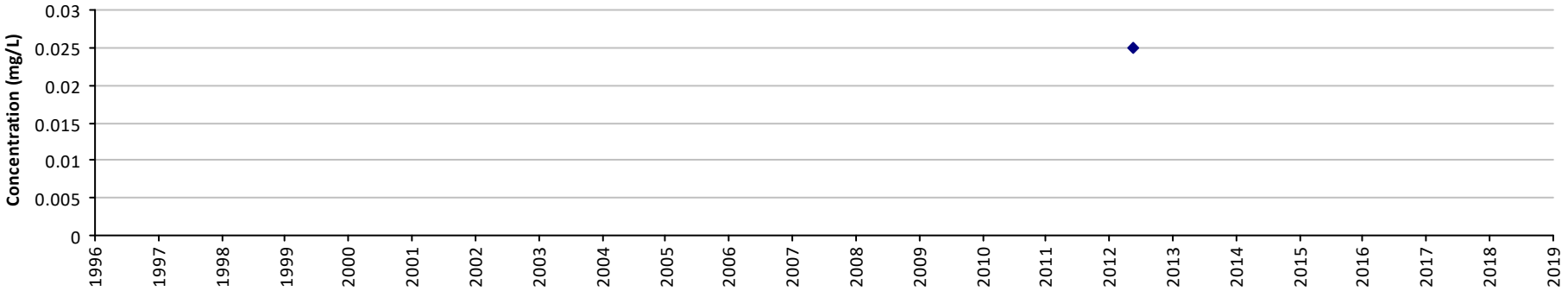
Total Dissolved Solids (TDS)



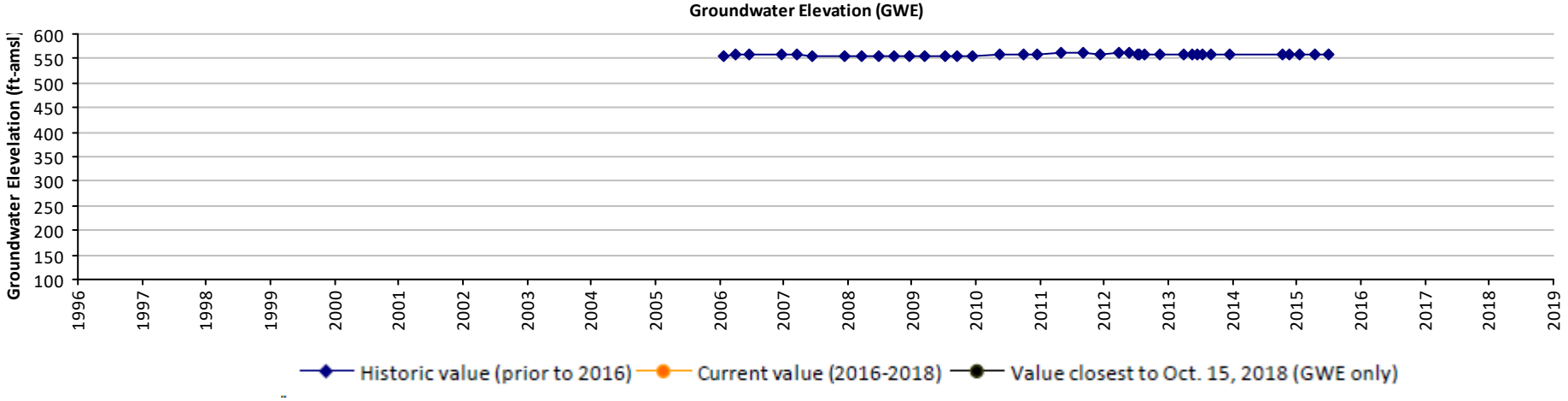


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

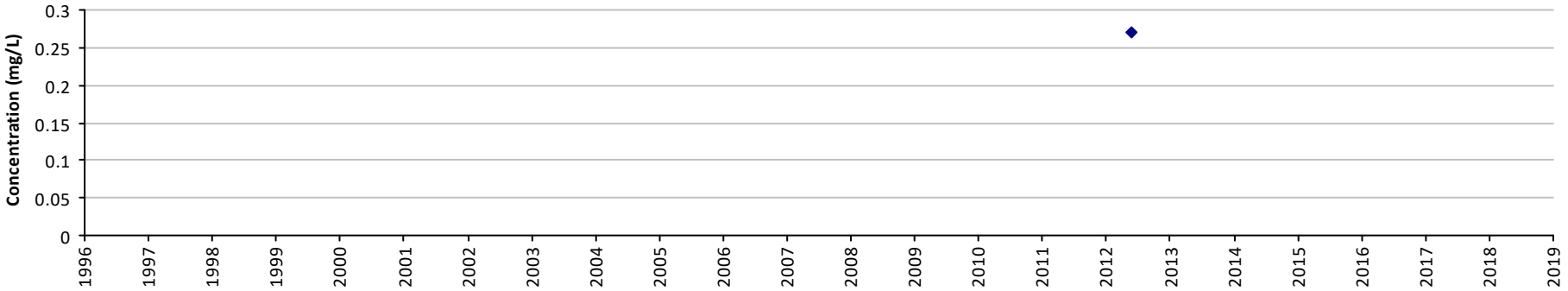


Groundwater Elevation (GWE)

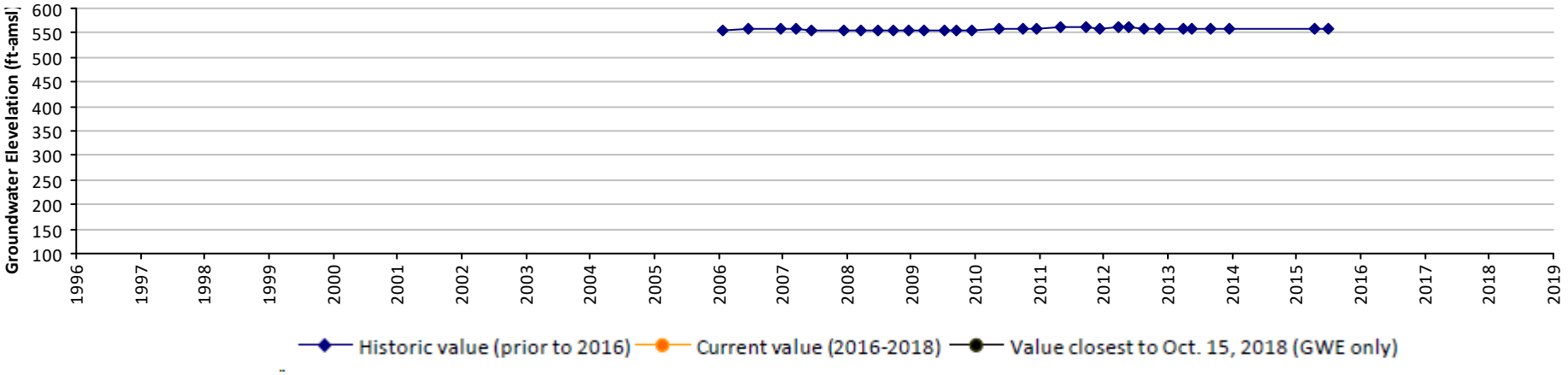


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

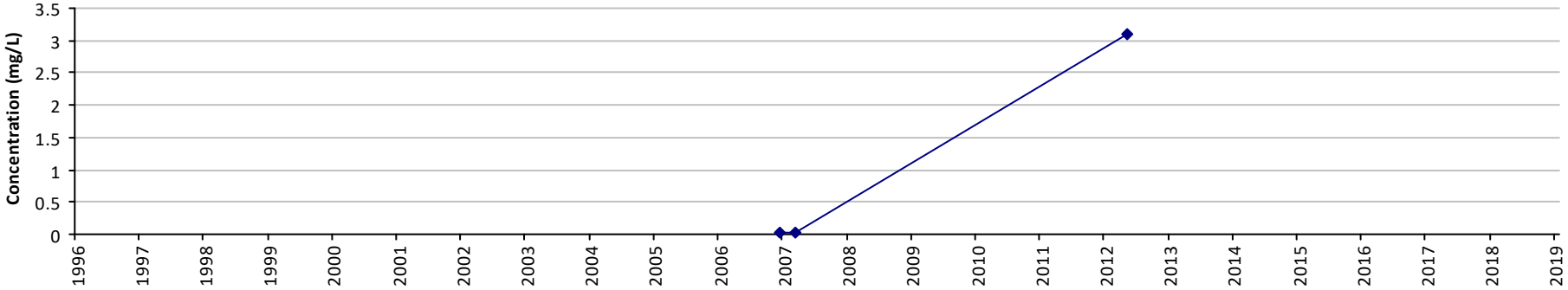


Groundwater Elevation (GWE)

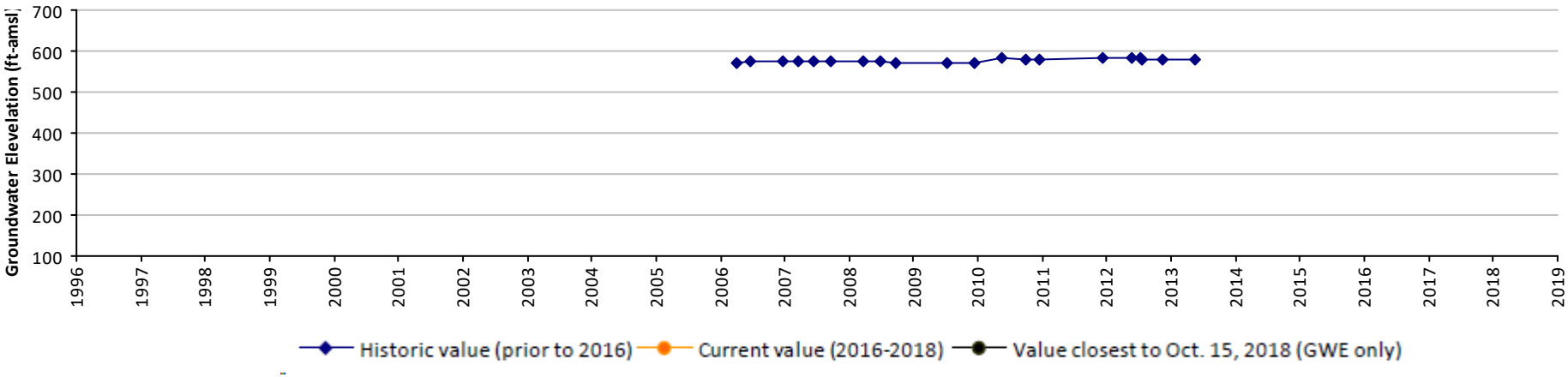


Total Dissolved Solids (TDS)

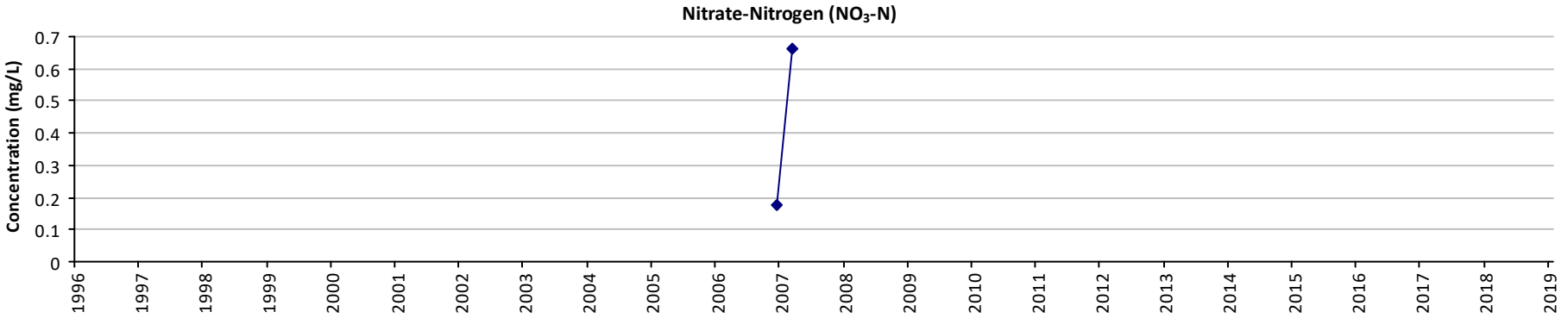
Nitrate-Nitrogen (NO_3-N)

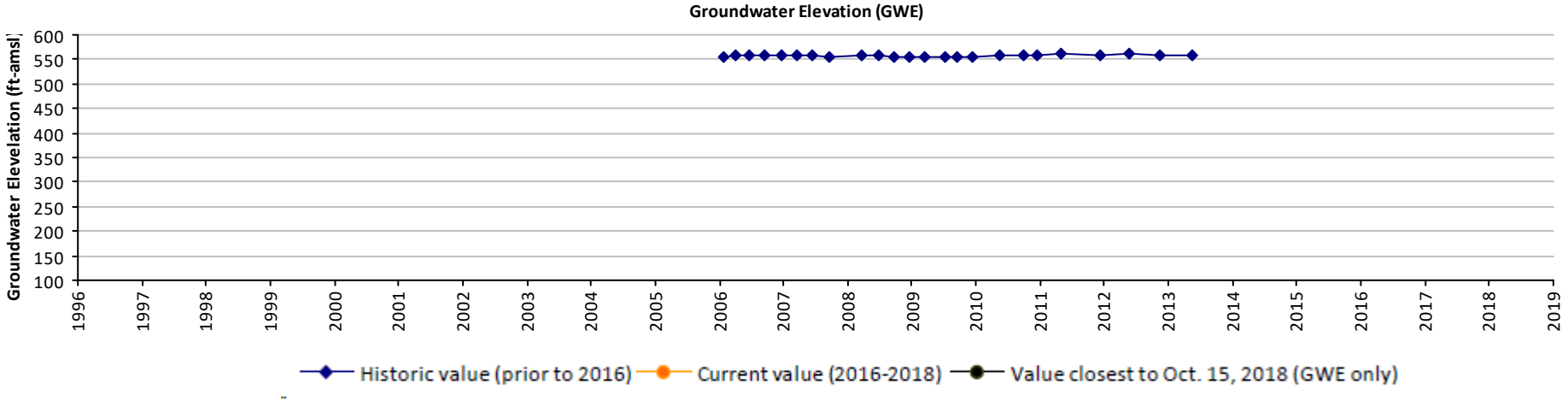


Groundwater Elevation (GWE)



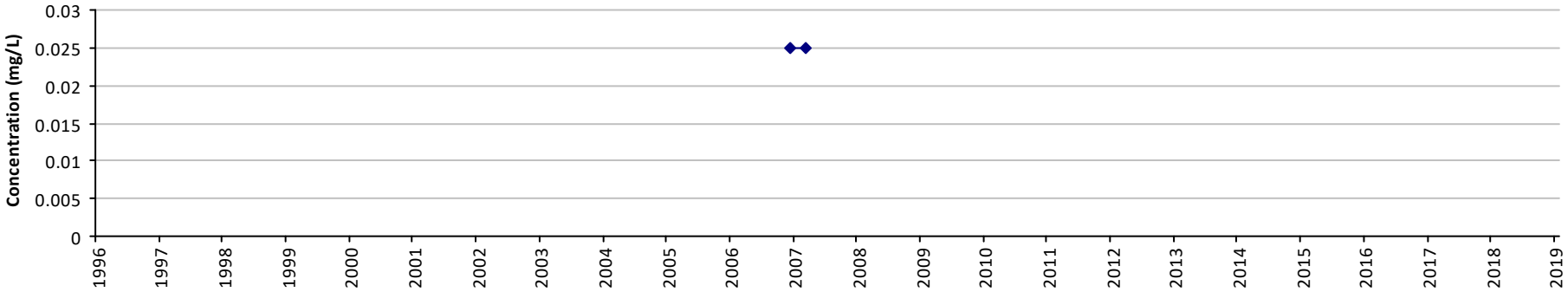
Total Dissolved Solids (TDS)



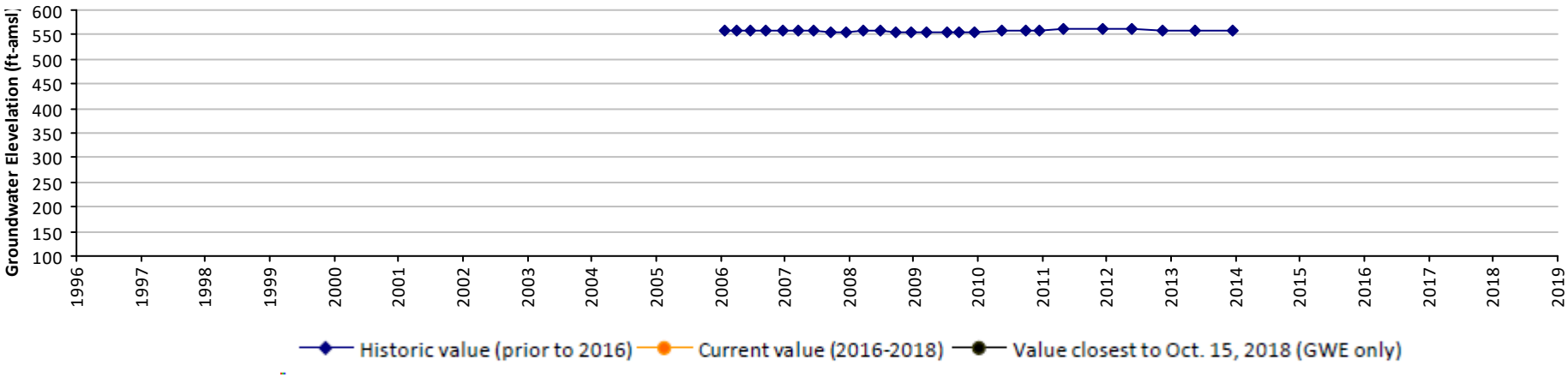


Total Dissolved Solids (TDS)

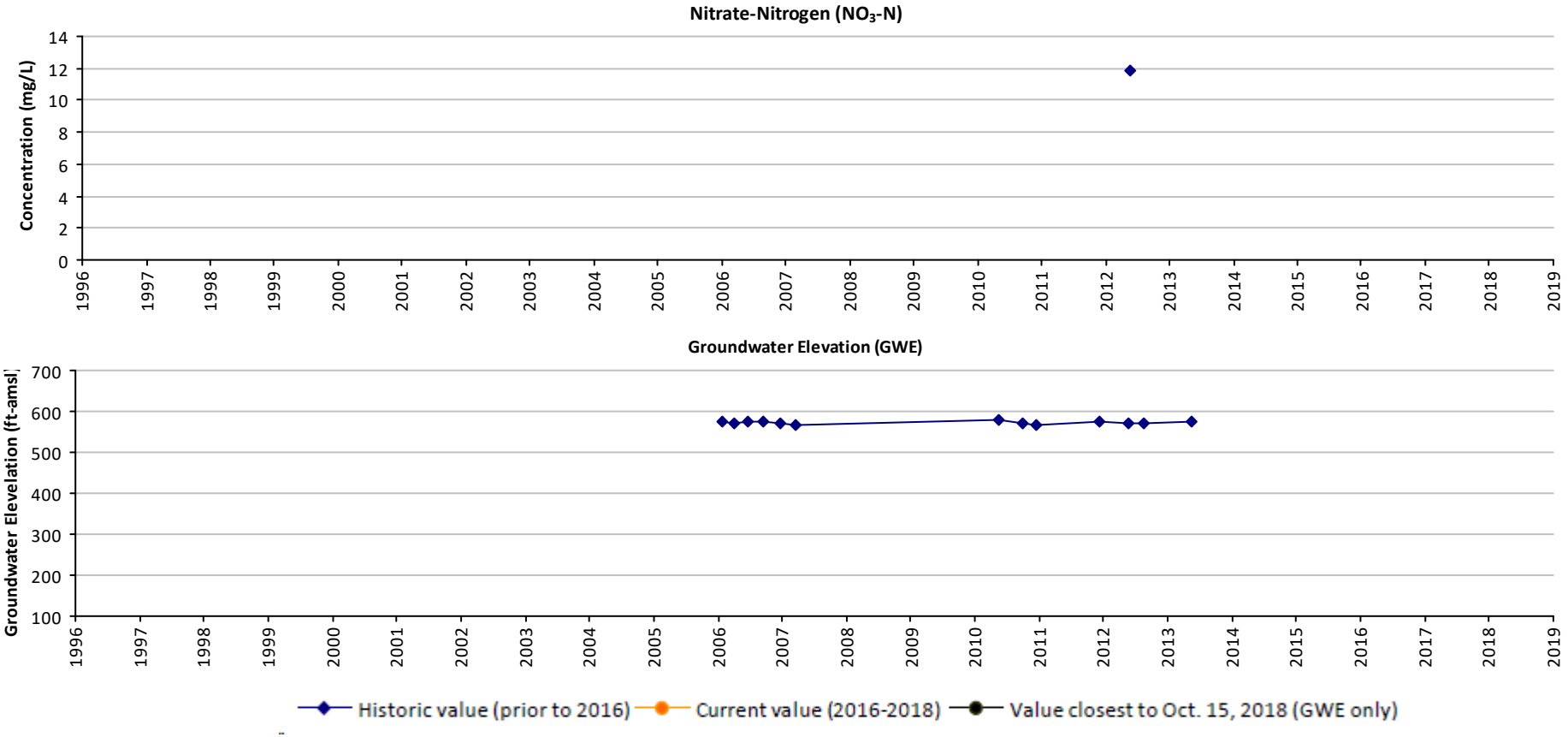
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

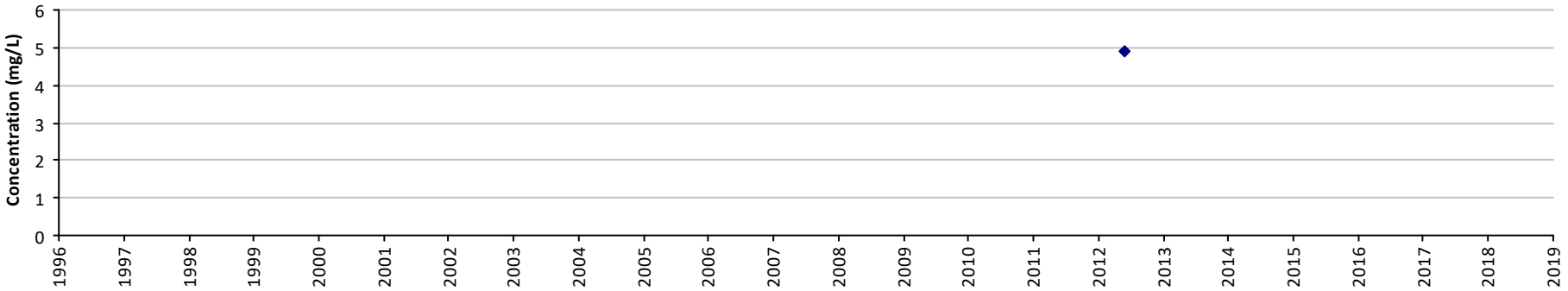


Total Dissolved Solids (TDS)

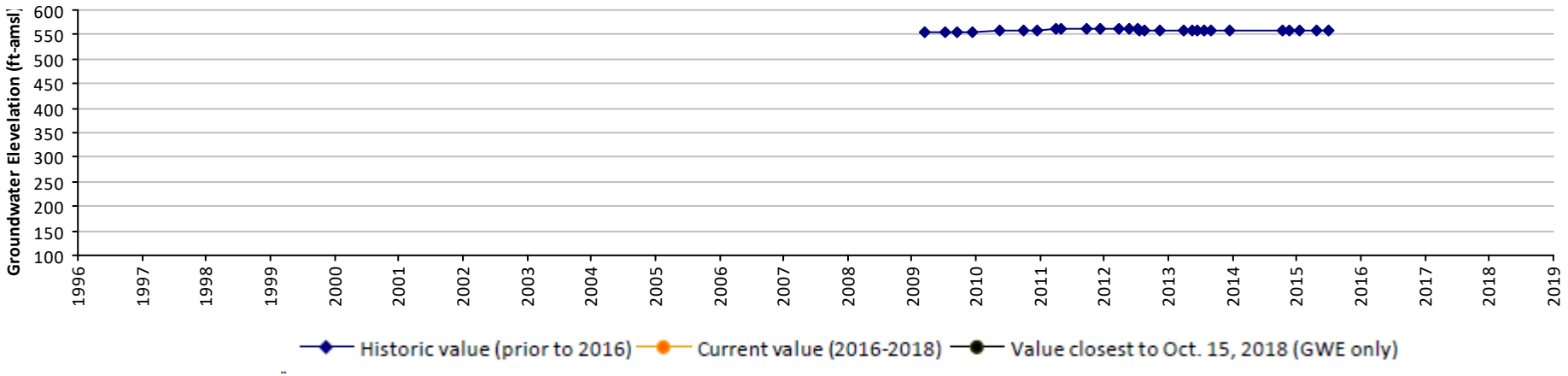


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

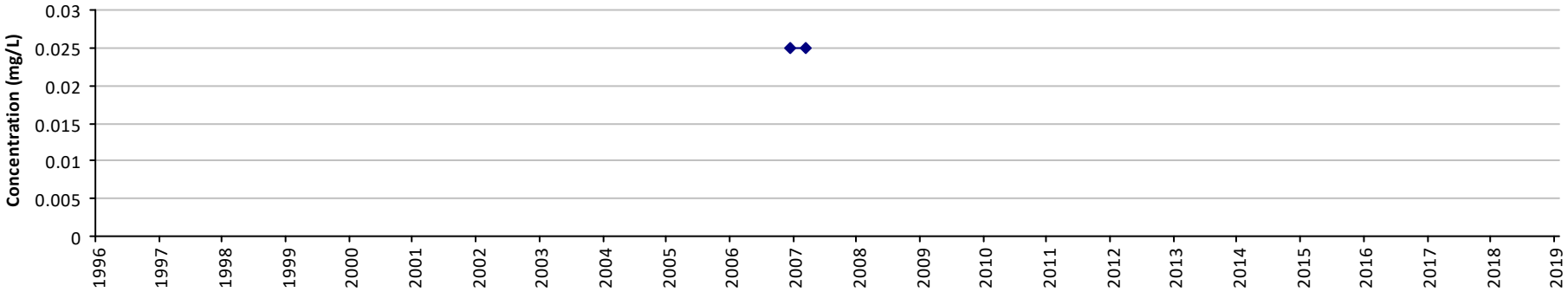


Groundwater Elevation (GWE)

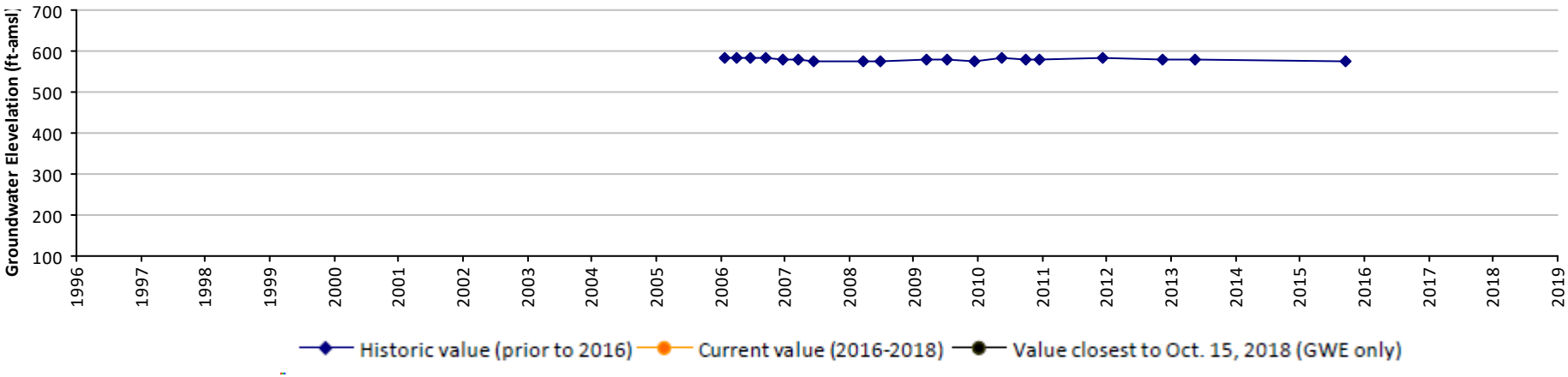


Total Dissolved Solids (TDS)

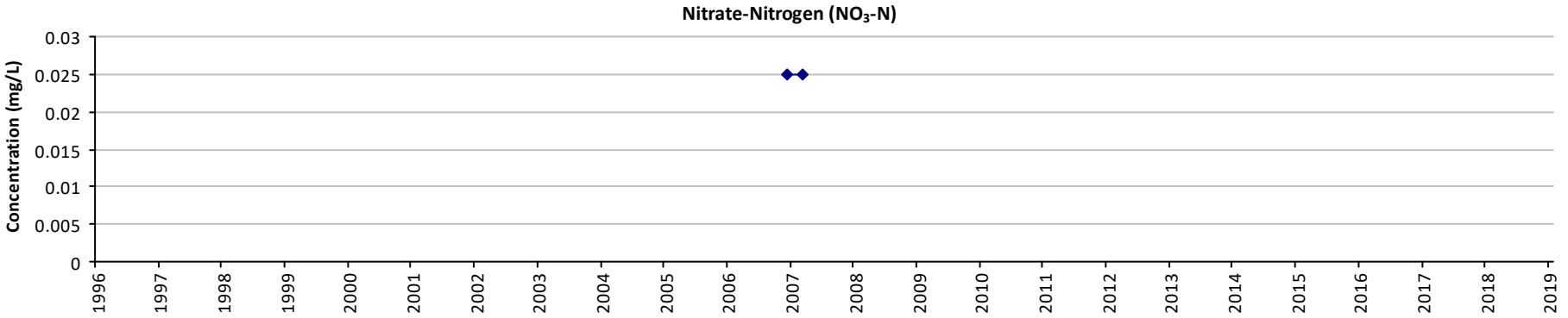
Nitrate-Nitrogen (NO_3-N)

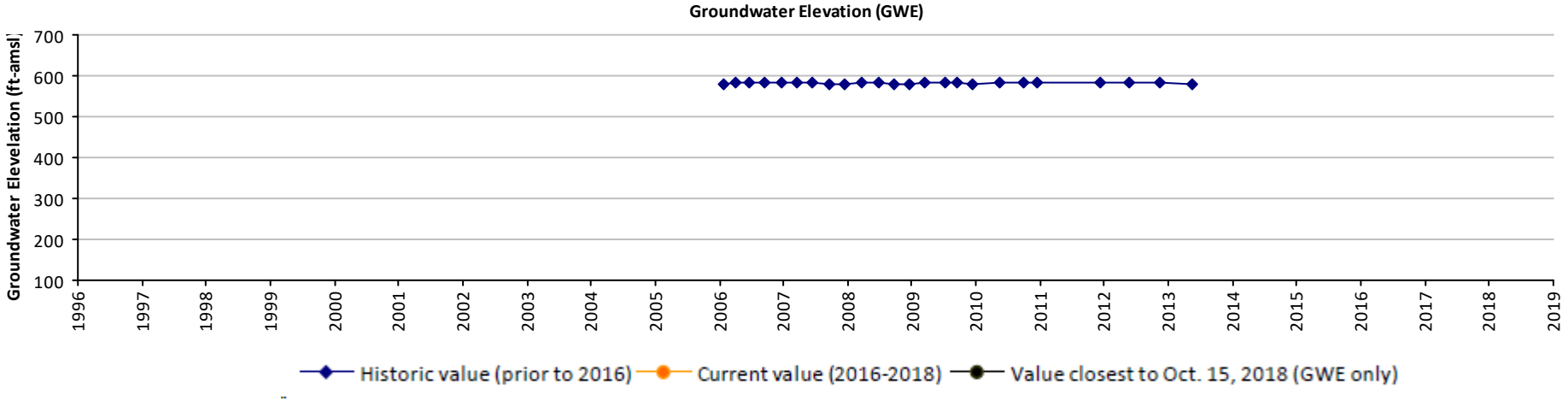


Groundwater Elevation (GWE)

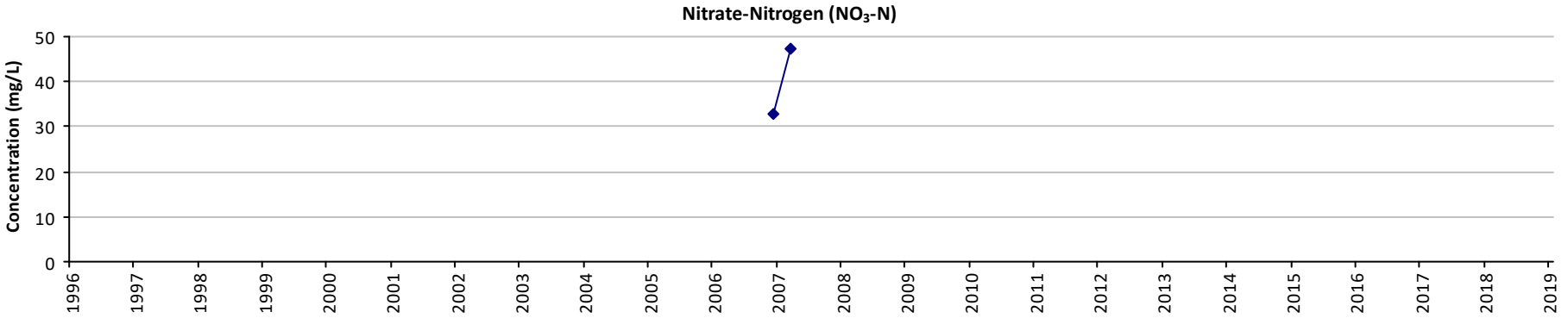


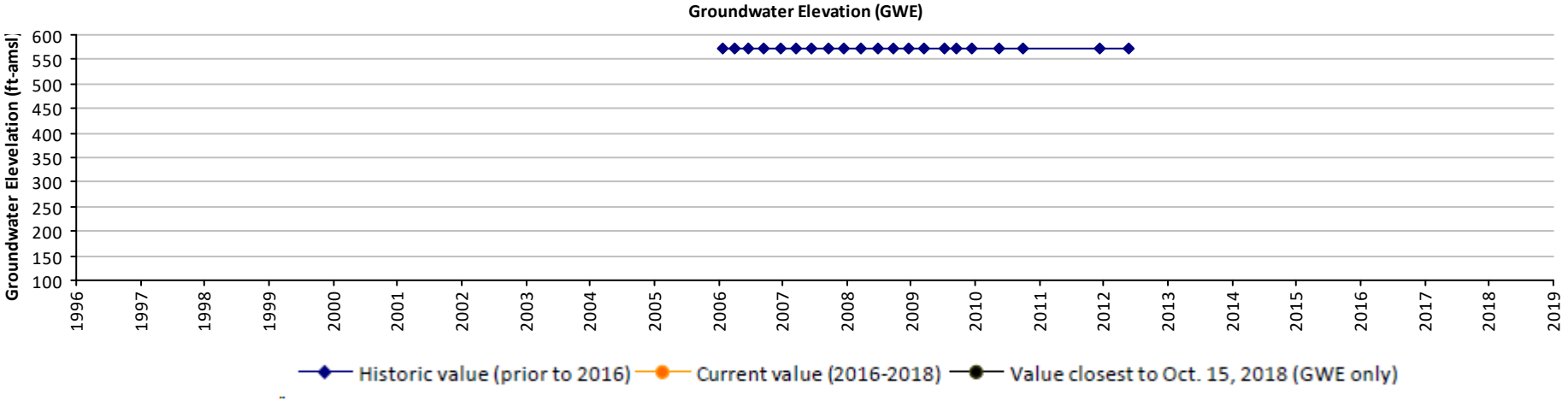
Total Dissolved Solids (TDS)



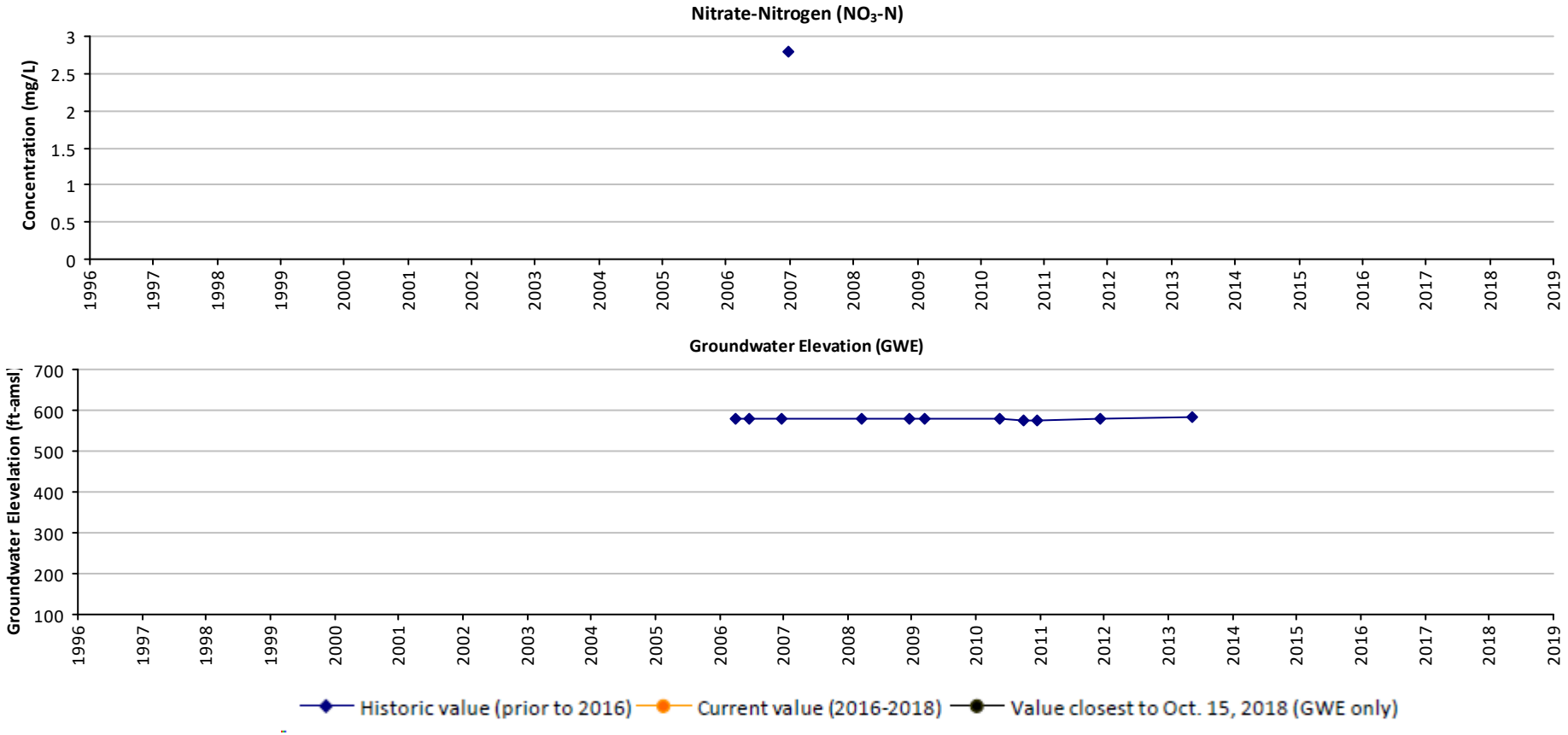


Total Dissolved Solids (TDS)



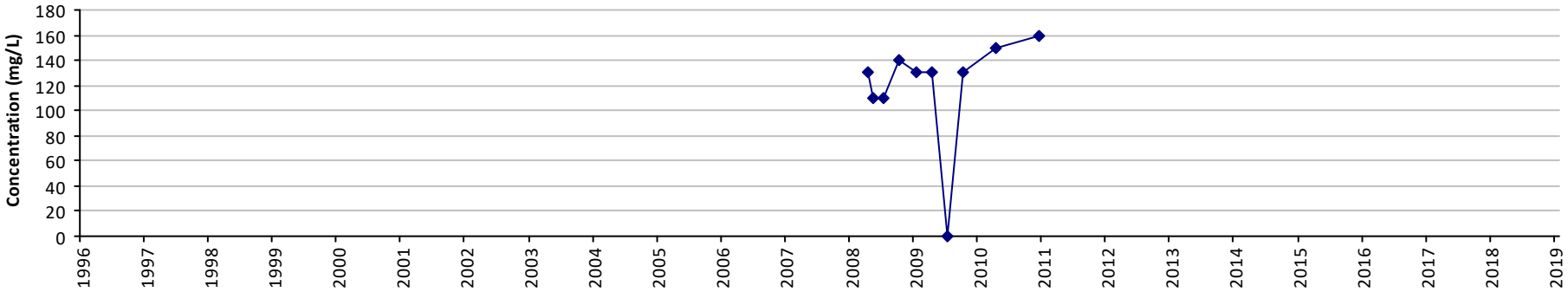


Total Dissolved Solids (TDS)

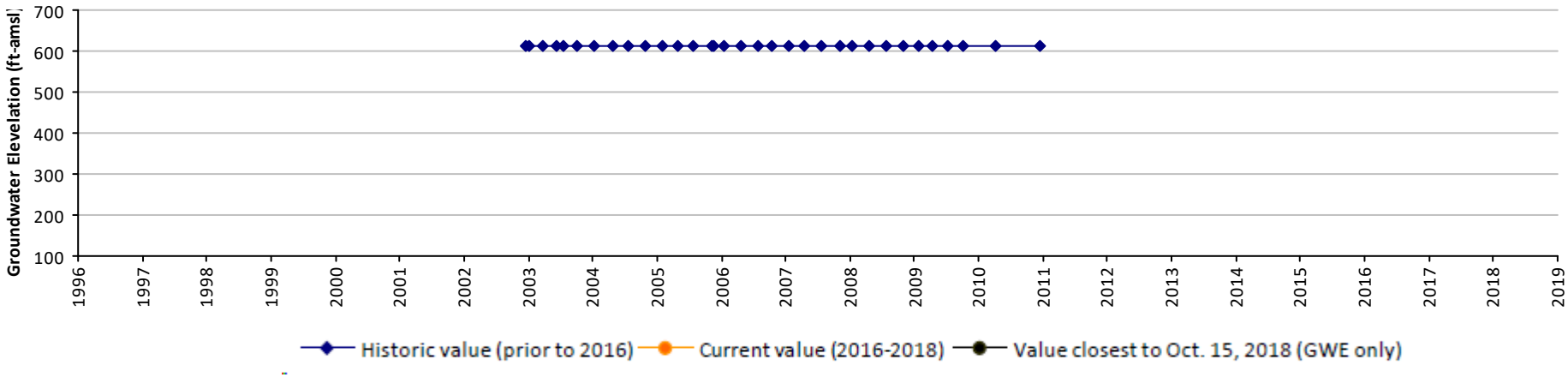


Total Dissolved Solids (TDS)

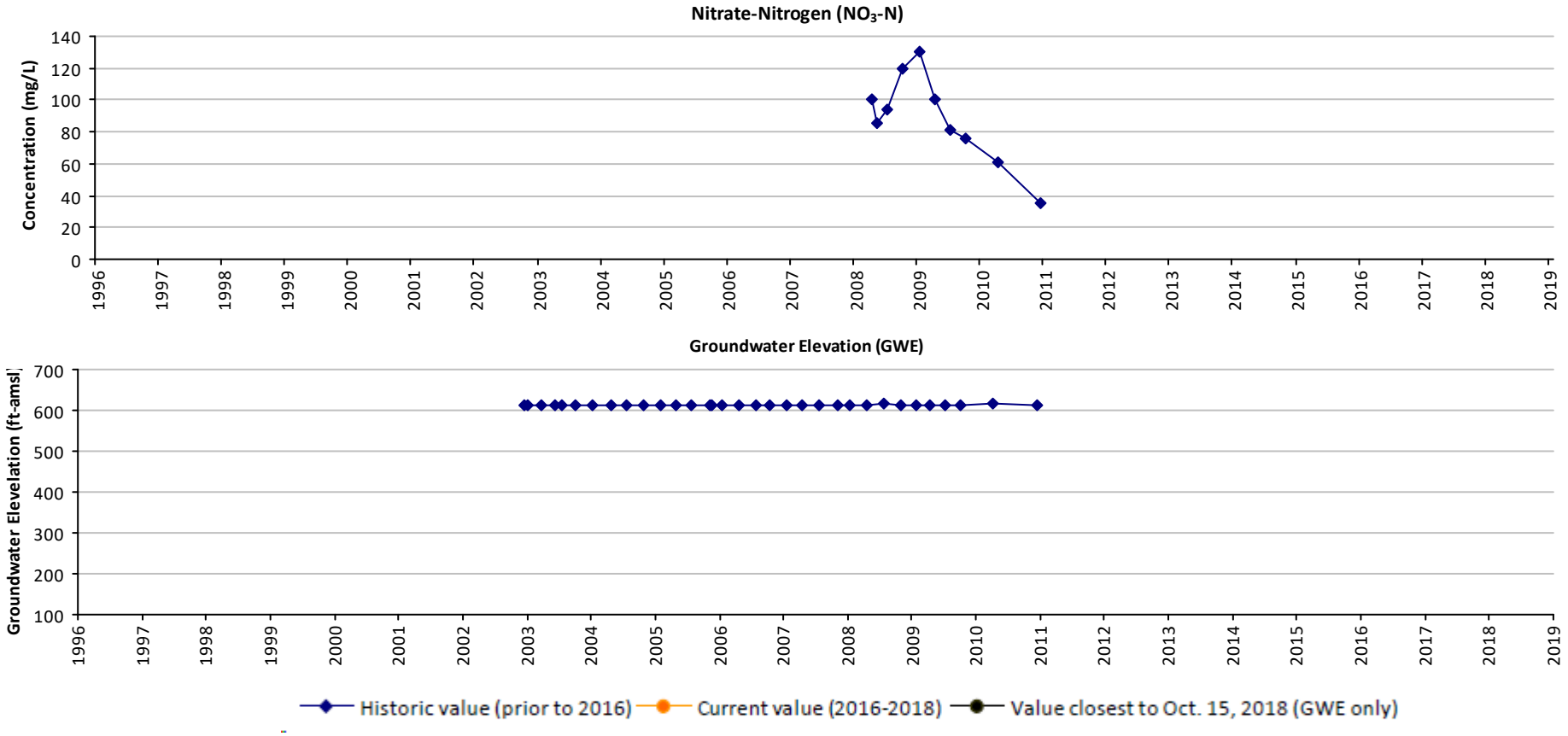
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

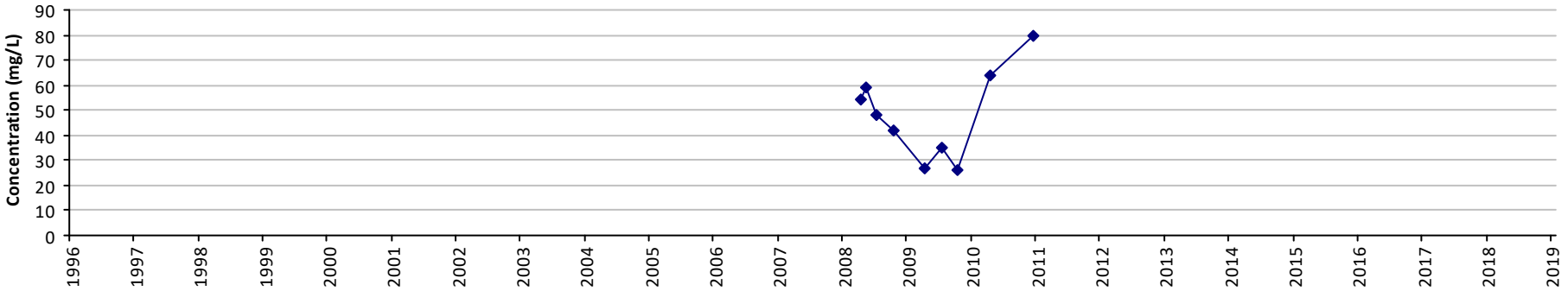


Total Dissolved Solids (TDS)

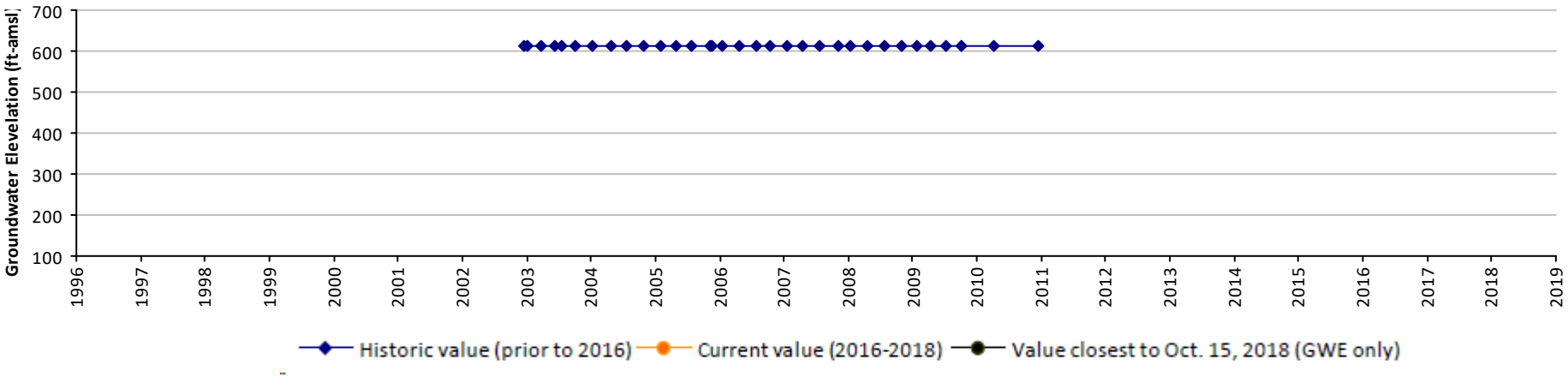


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

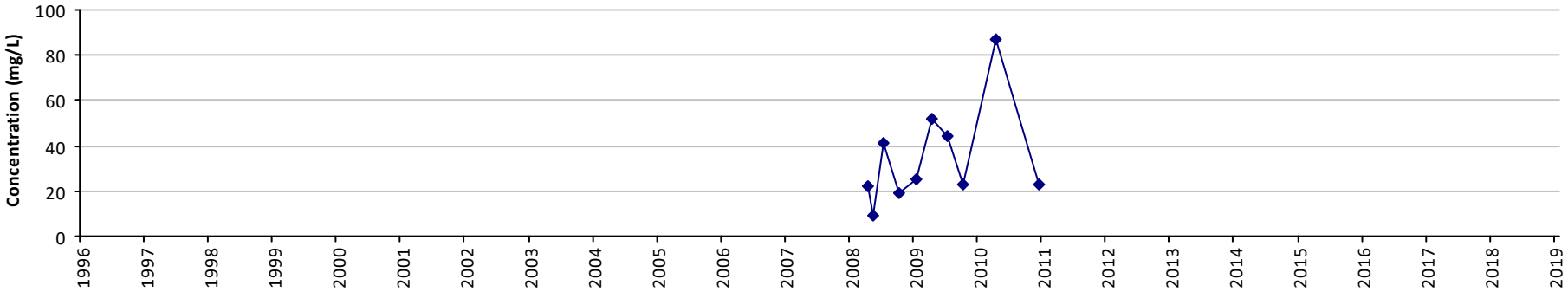


Groundwater Elevation (GWE)

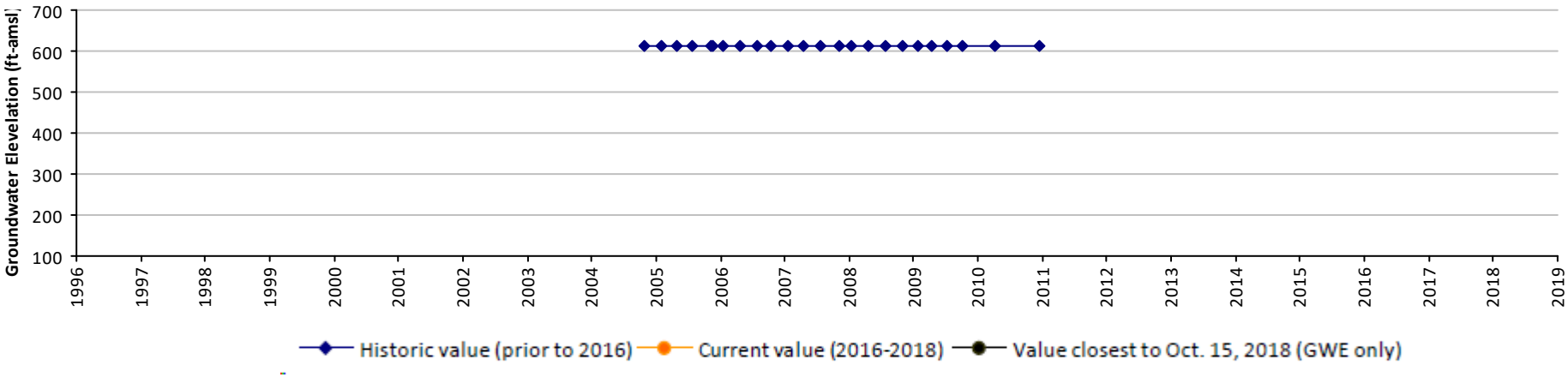


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

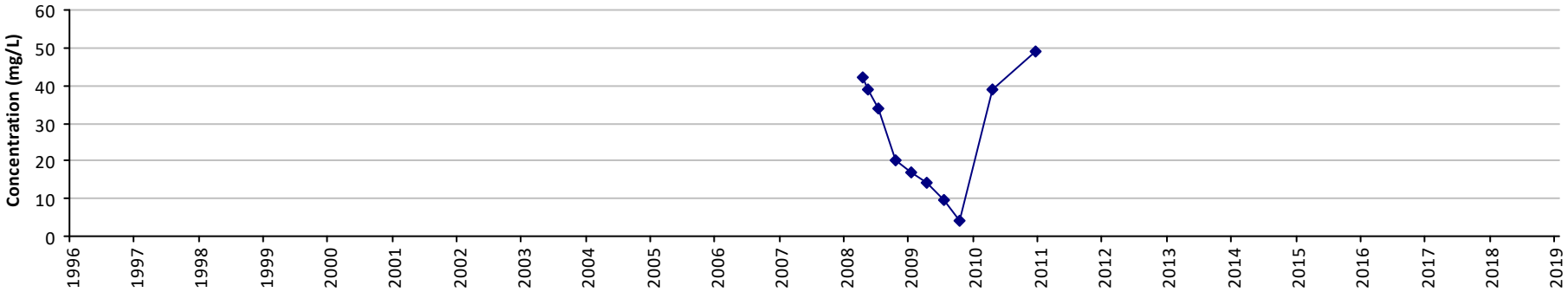


Groundwater Elevation (GWE)

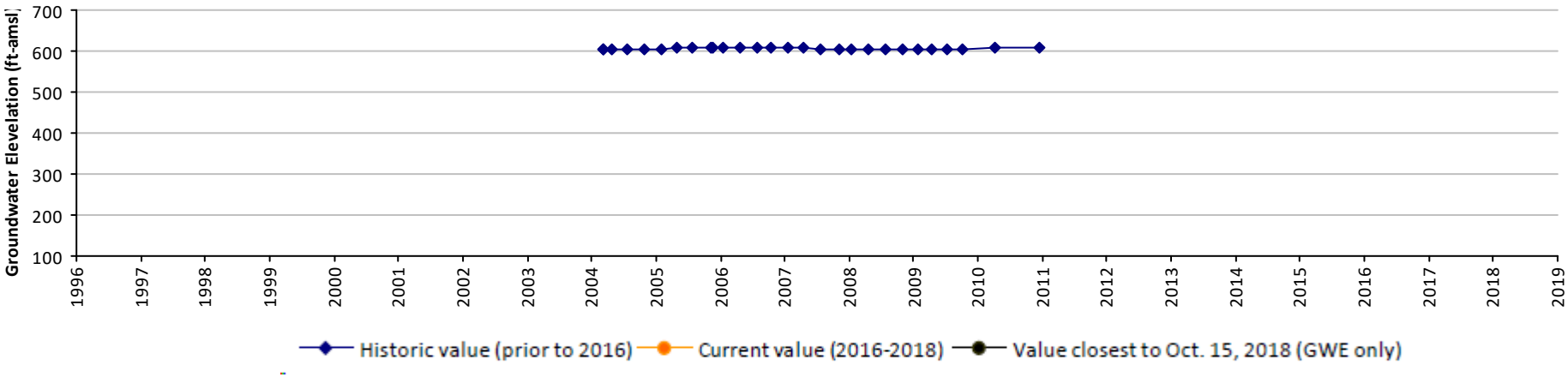


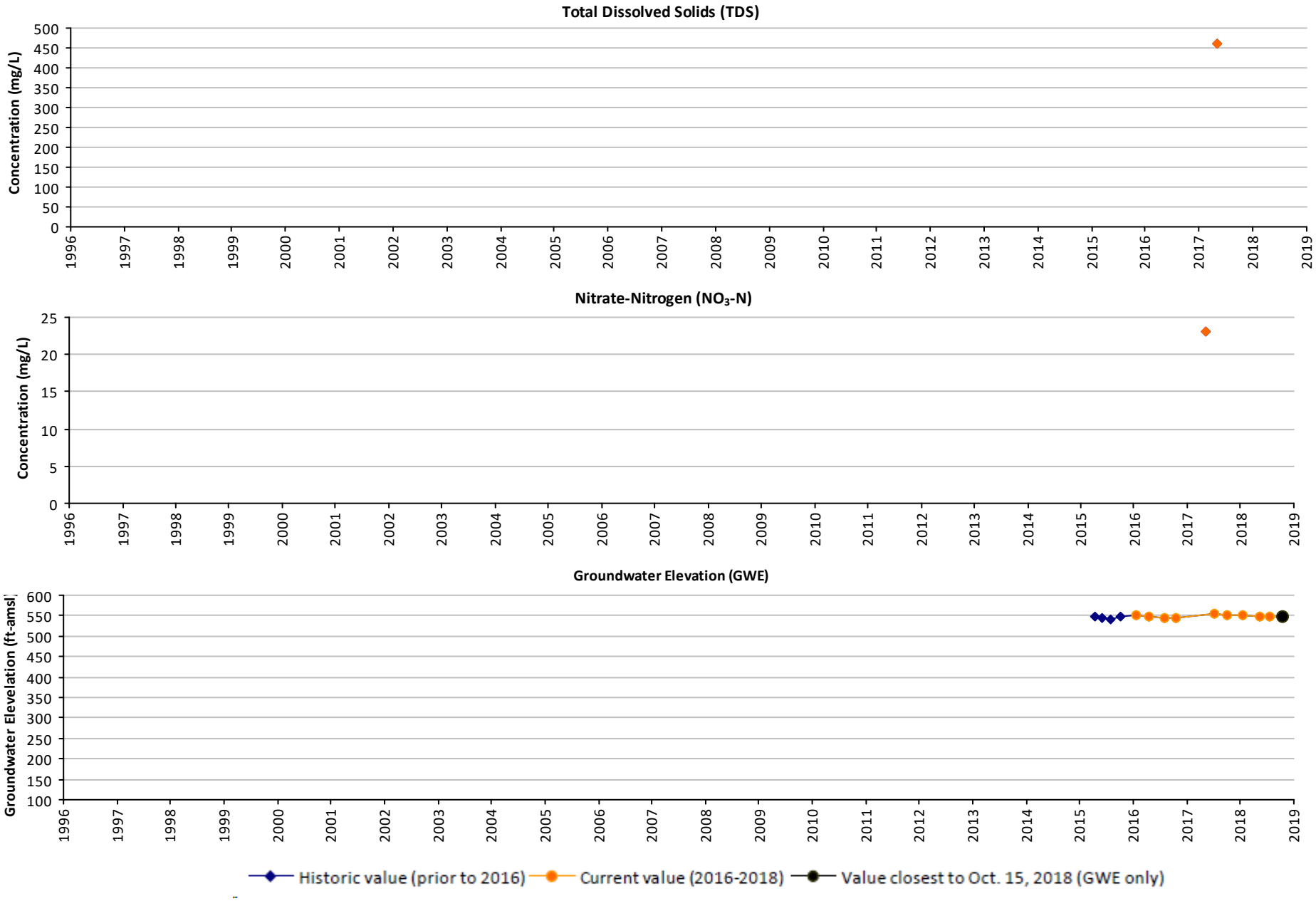
Total Dissolved Solids (TDS)

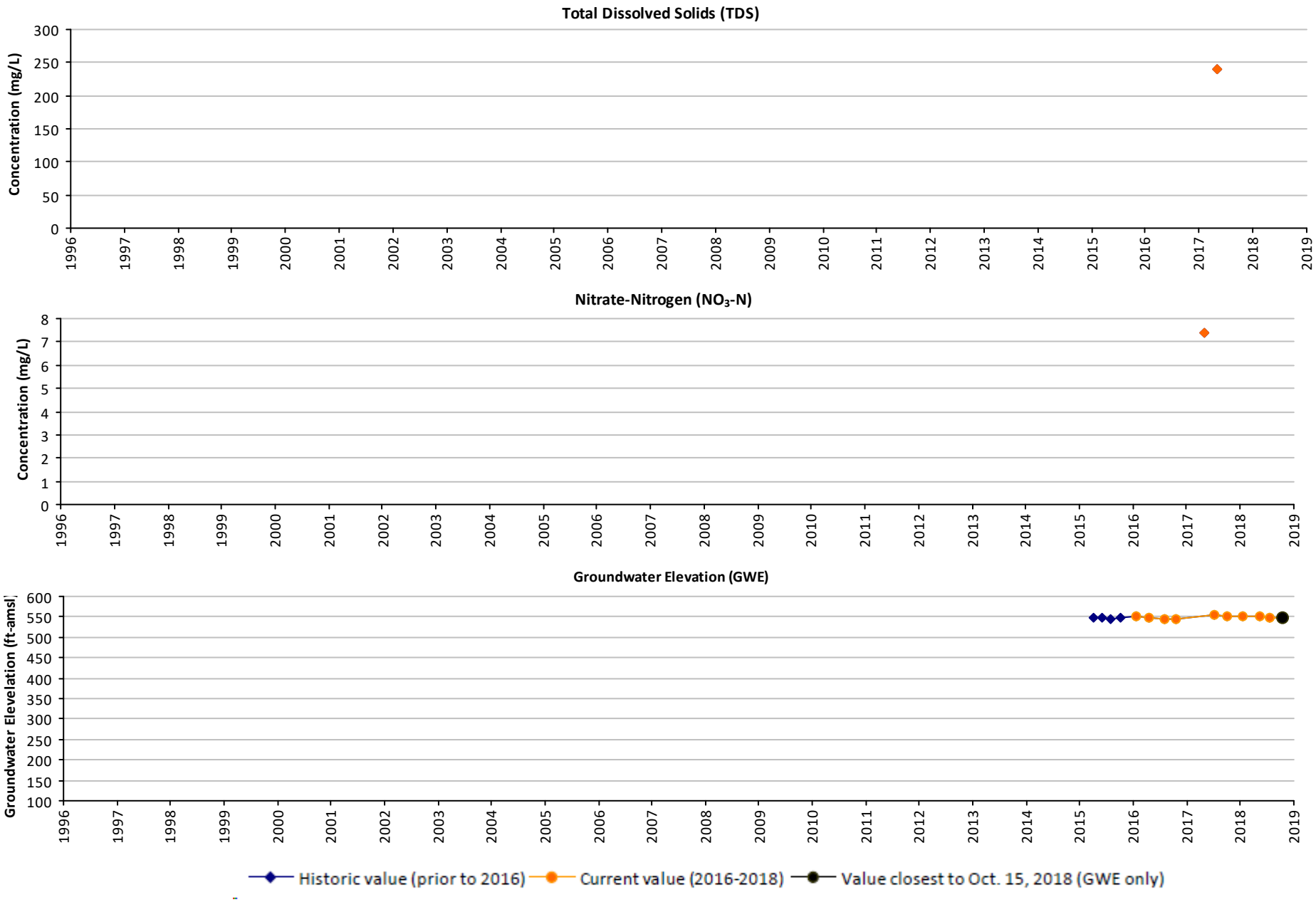
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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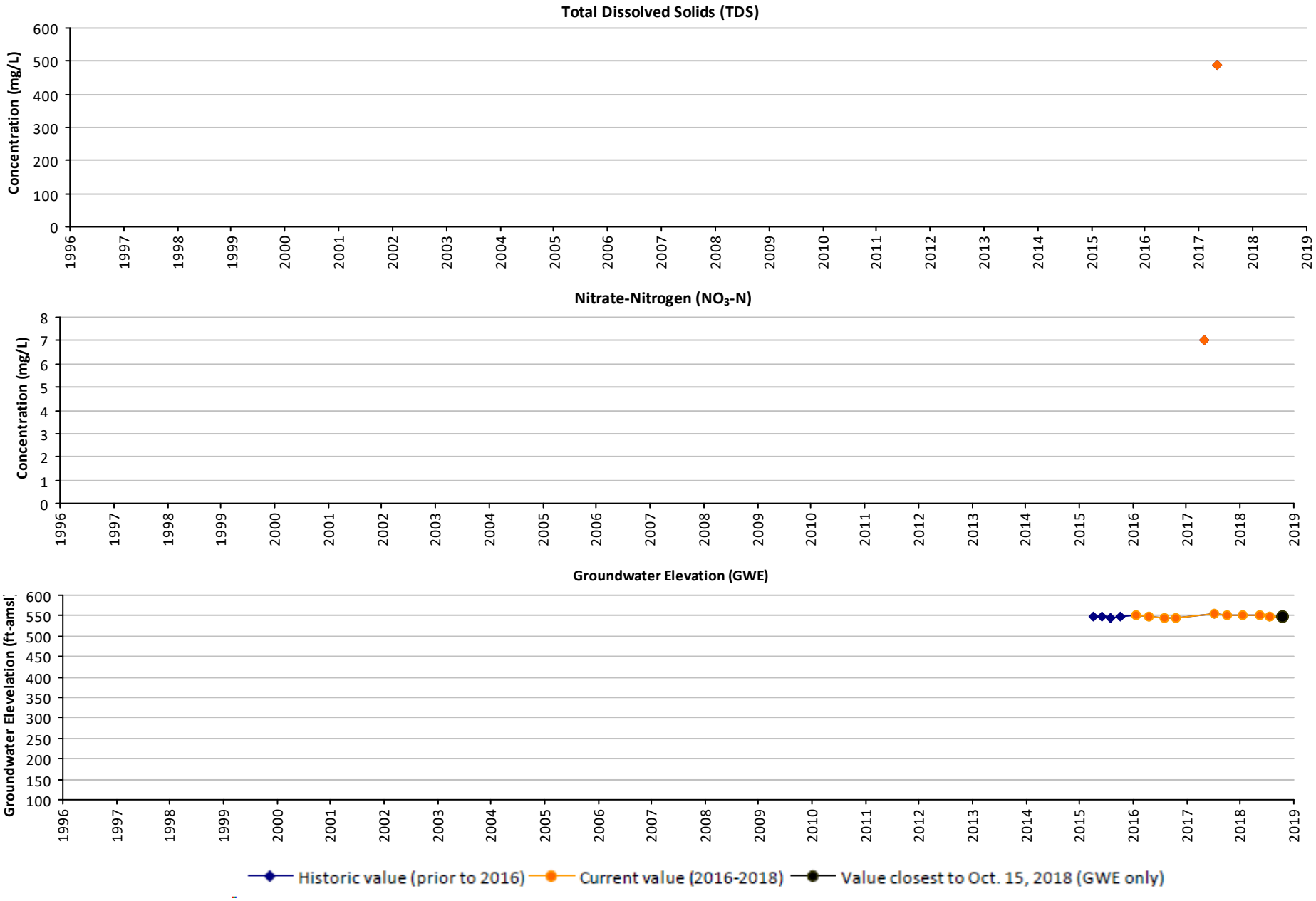
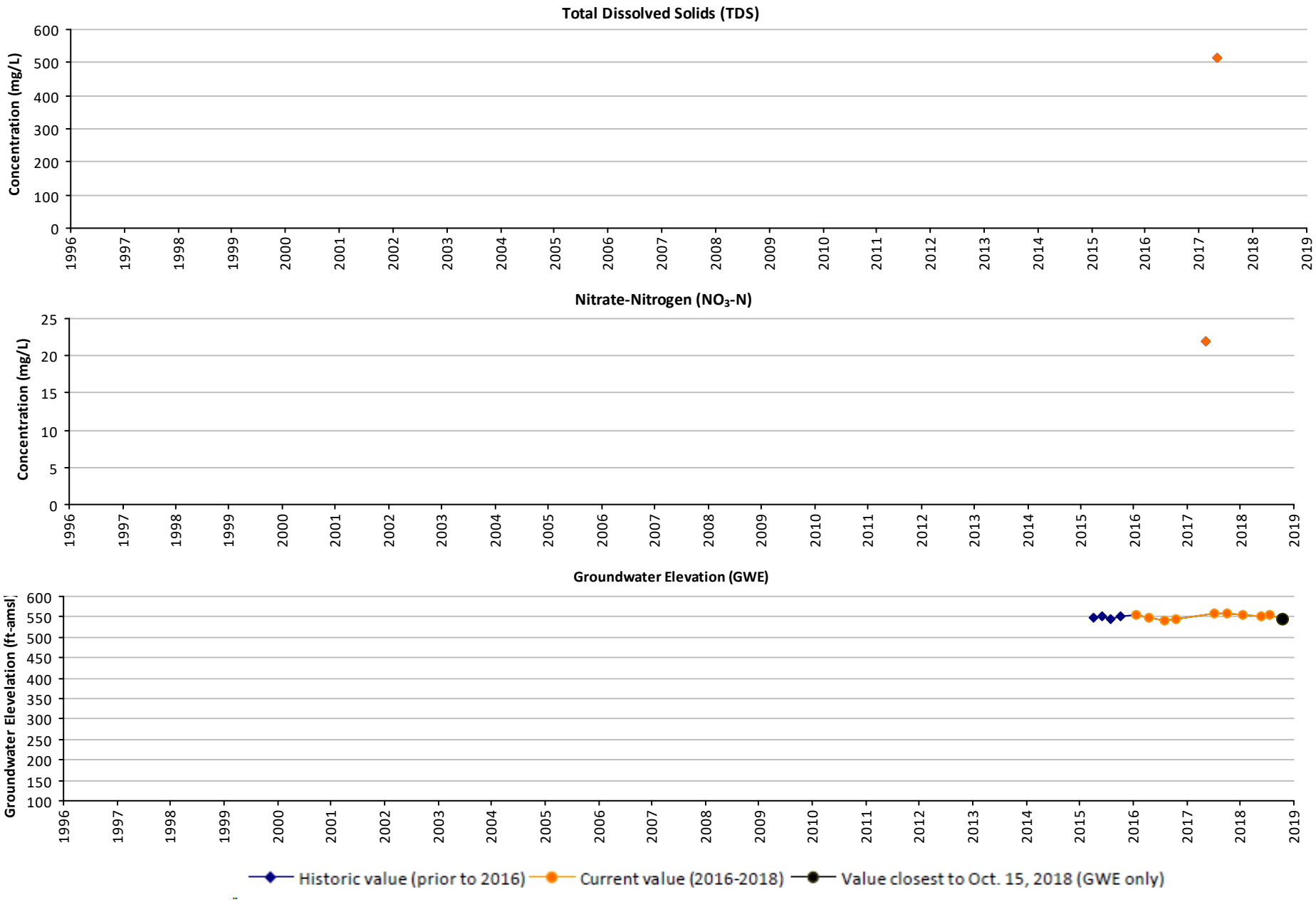

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
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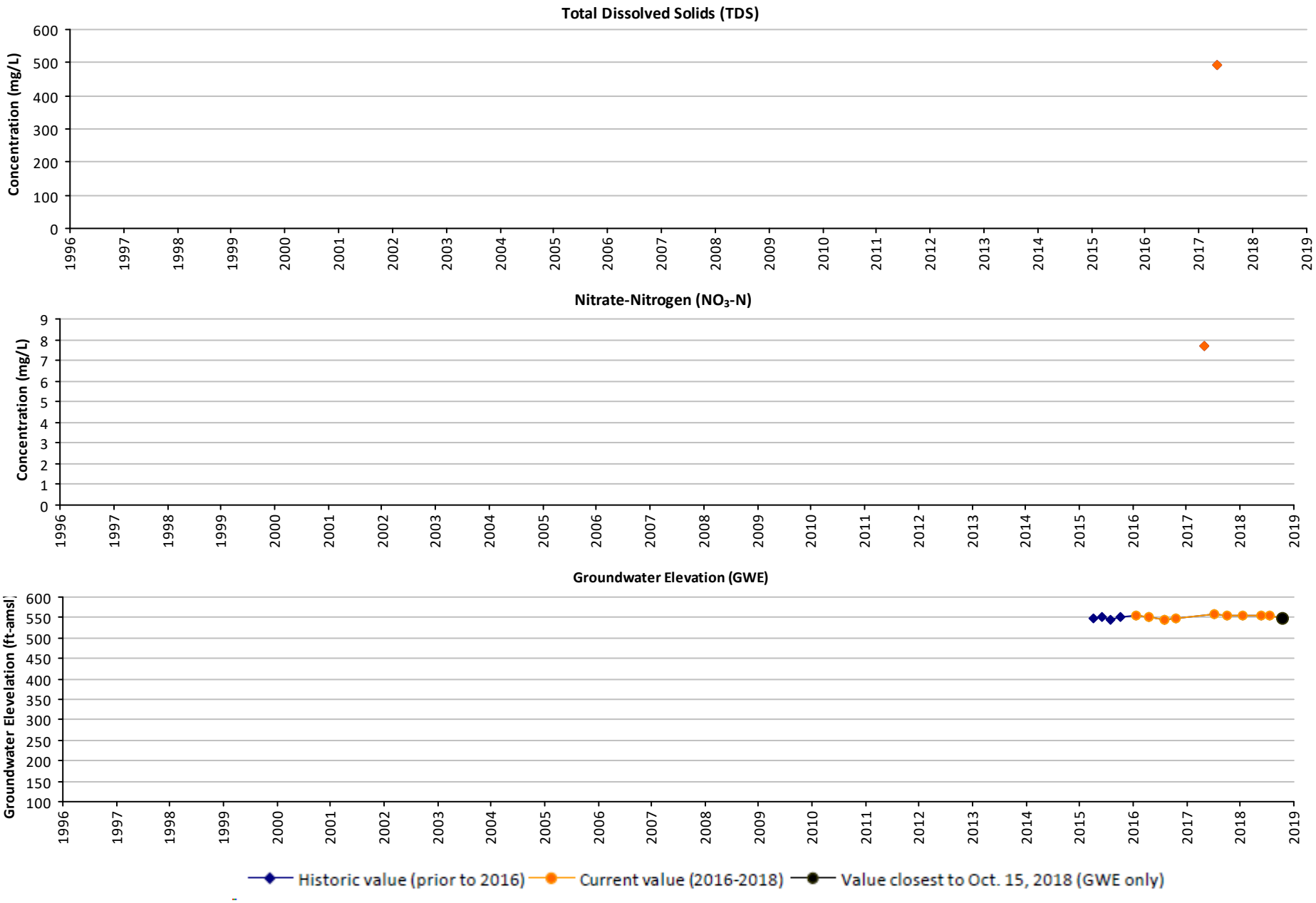
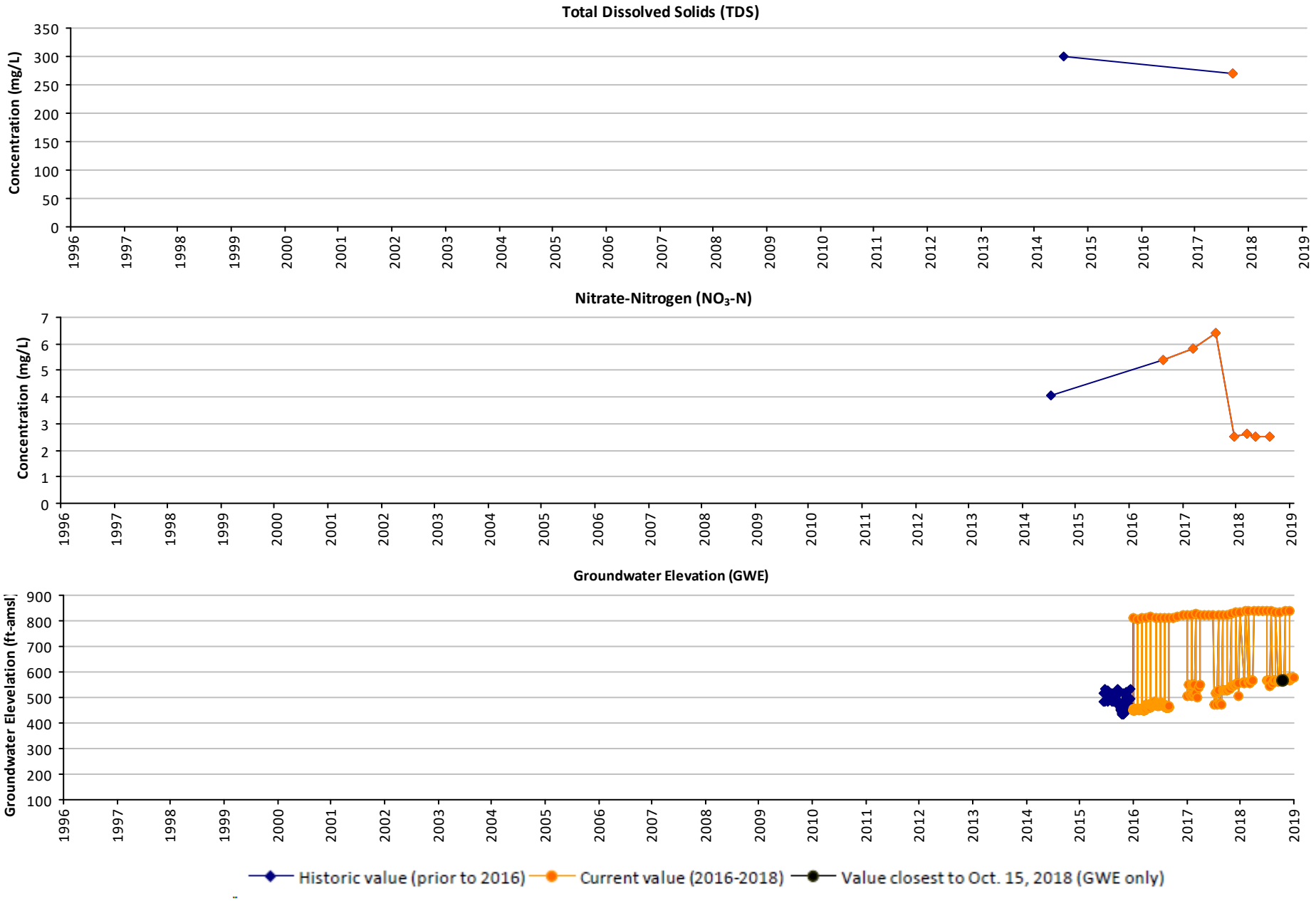
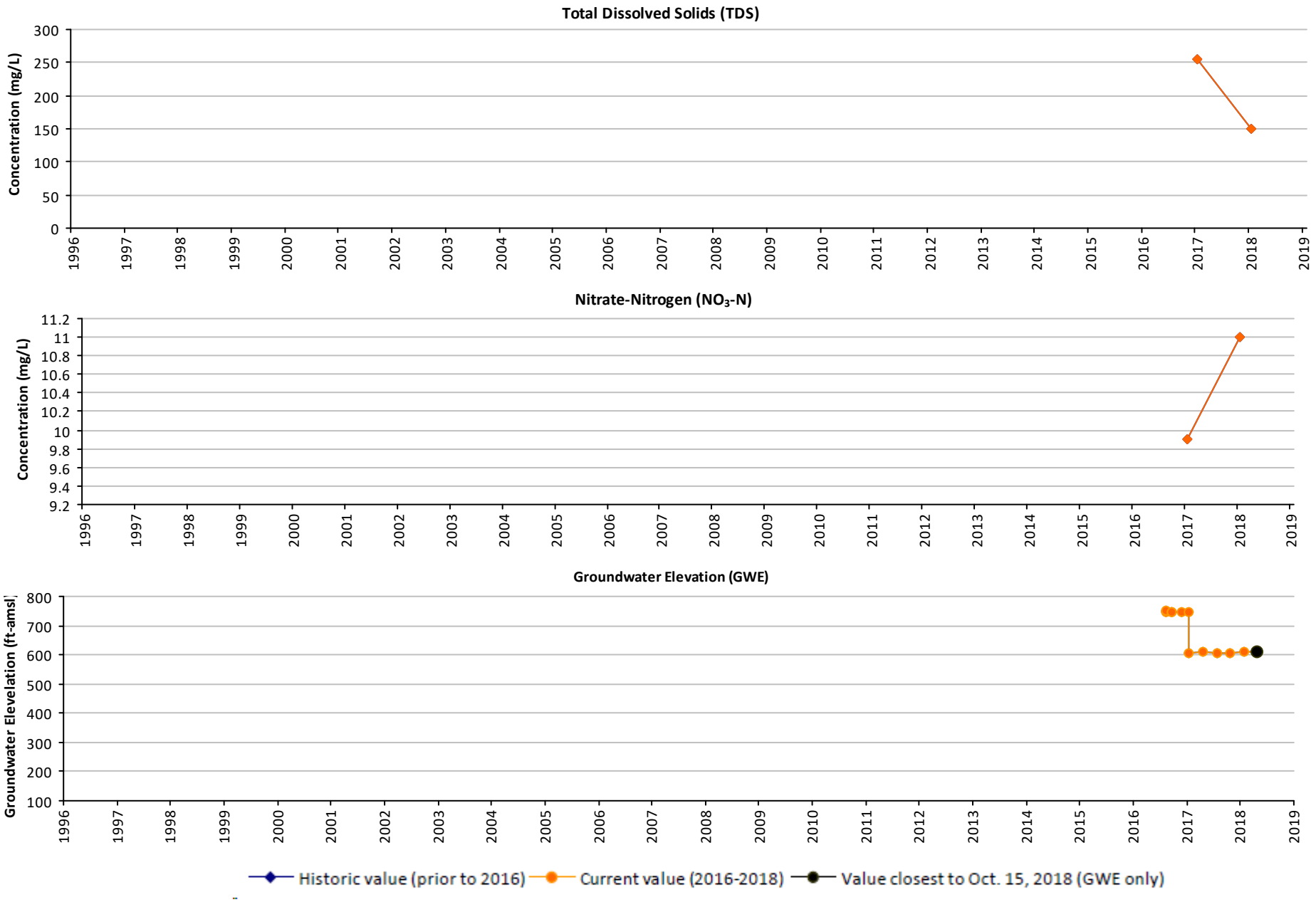
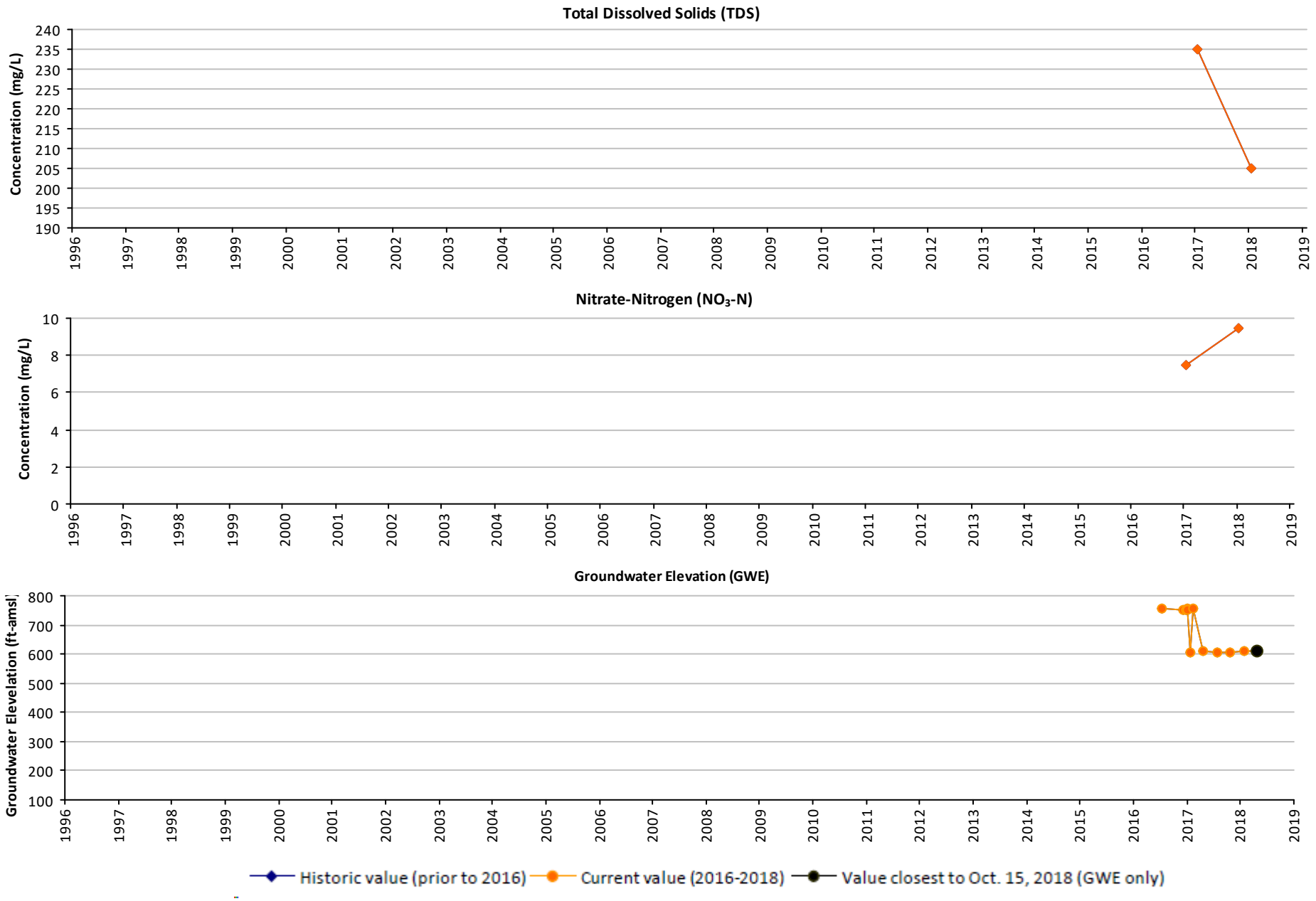
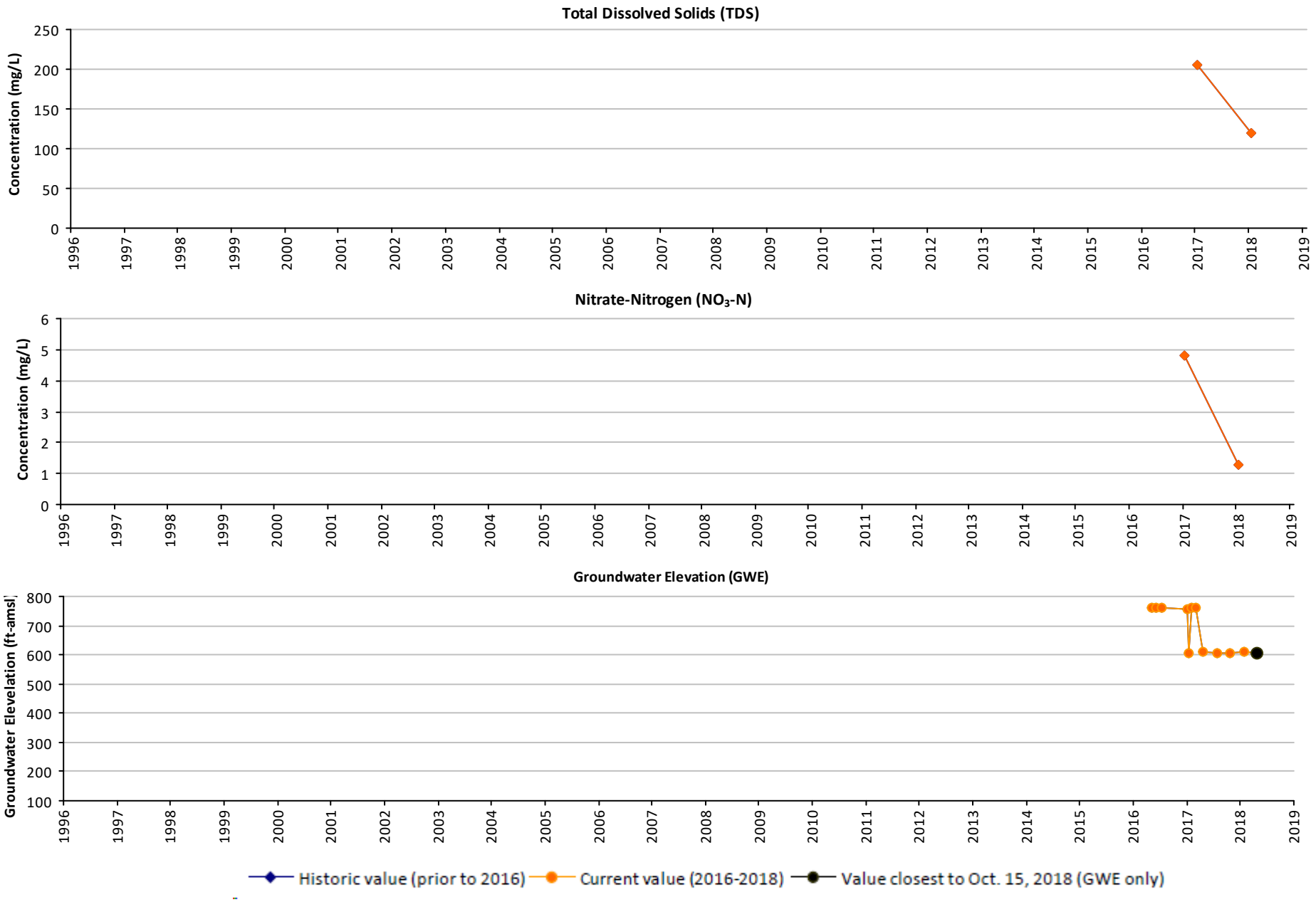
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

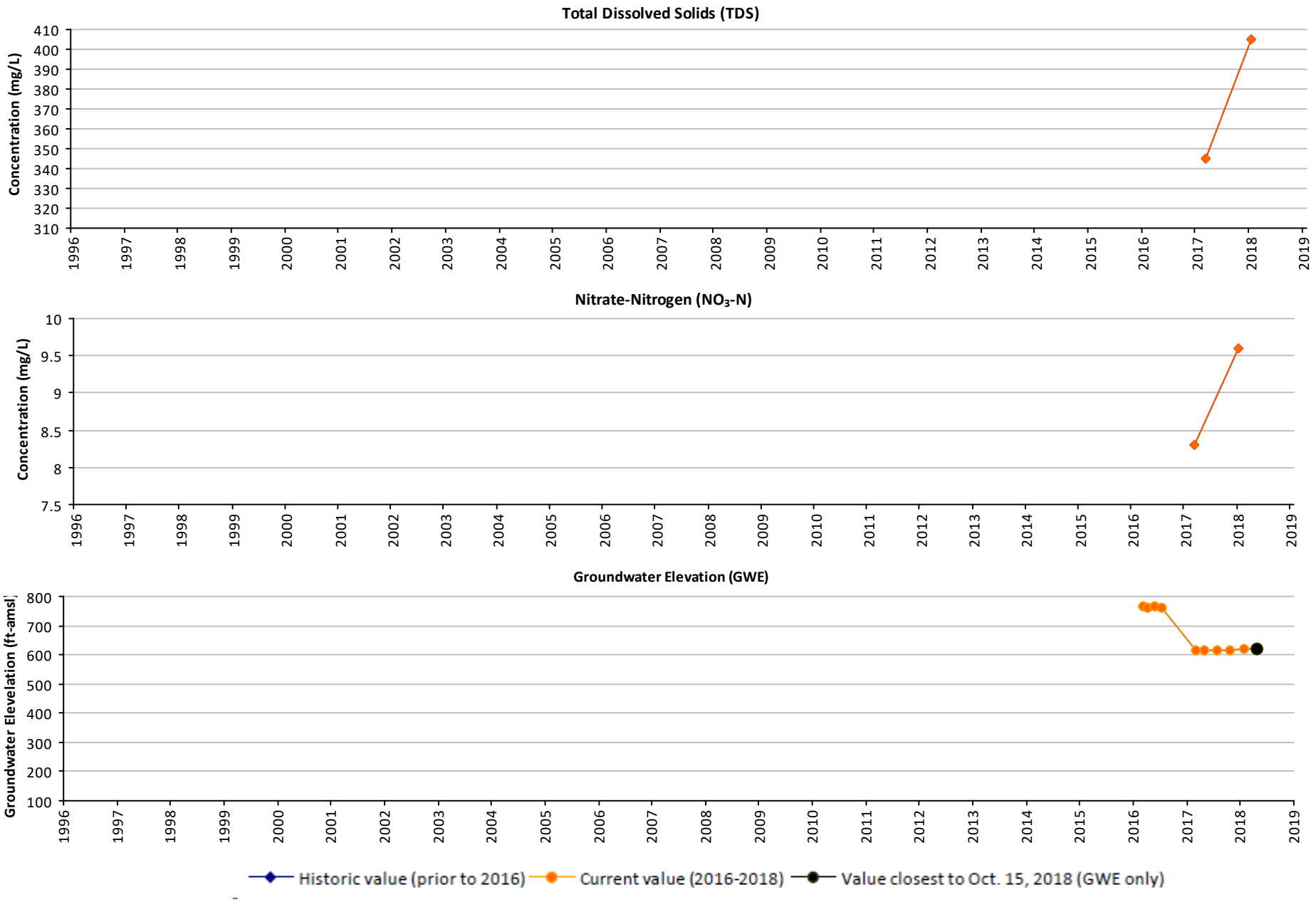

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

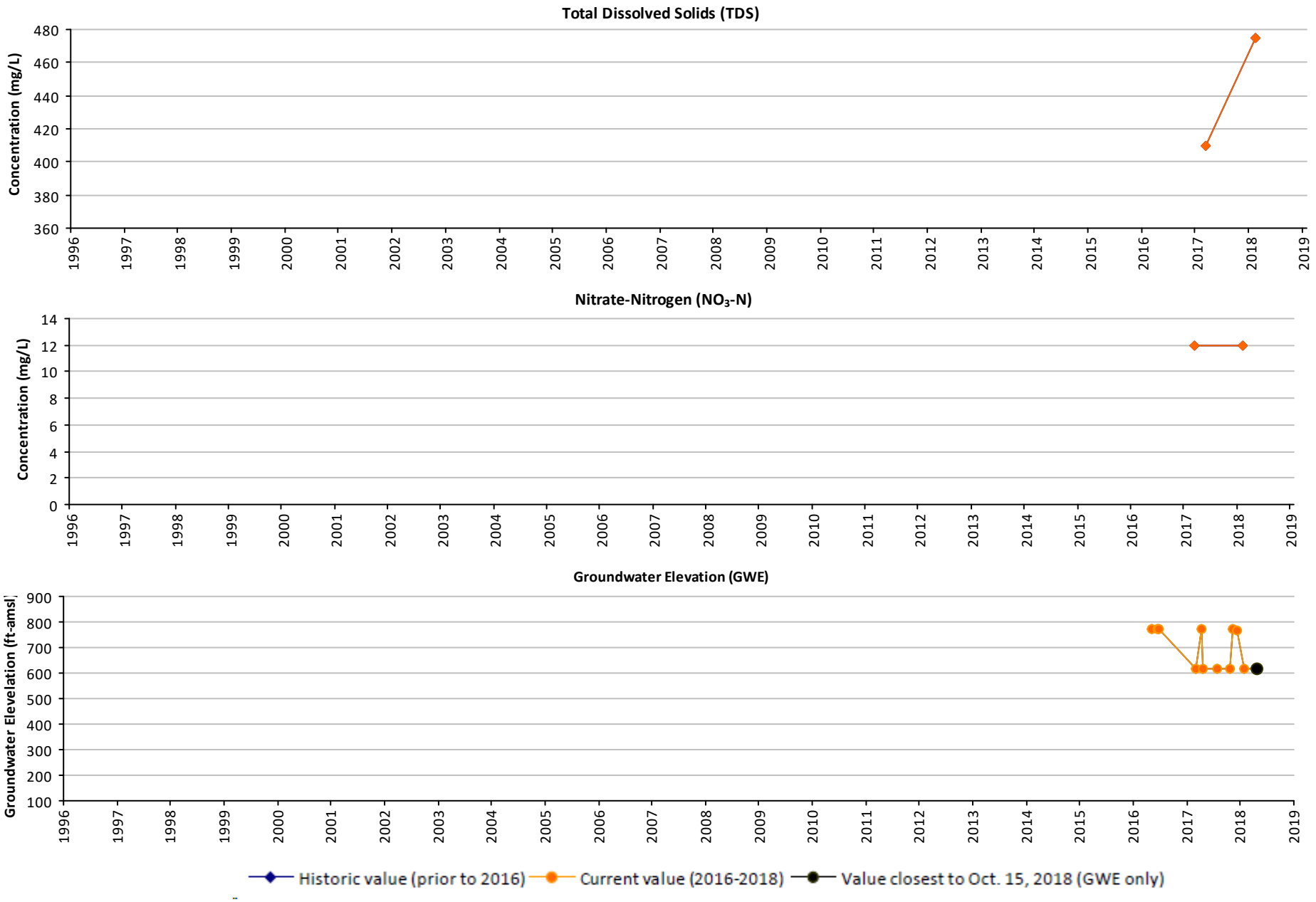

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

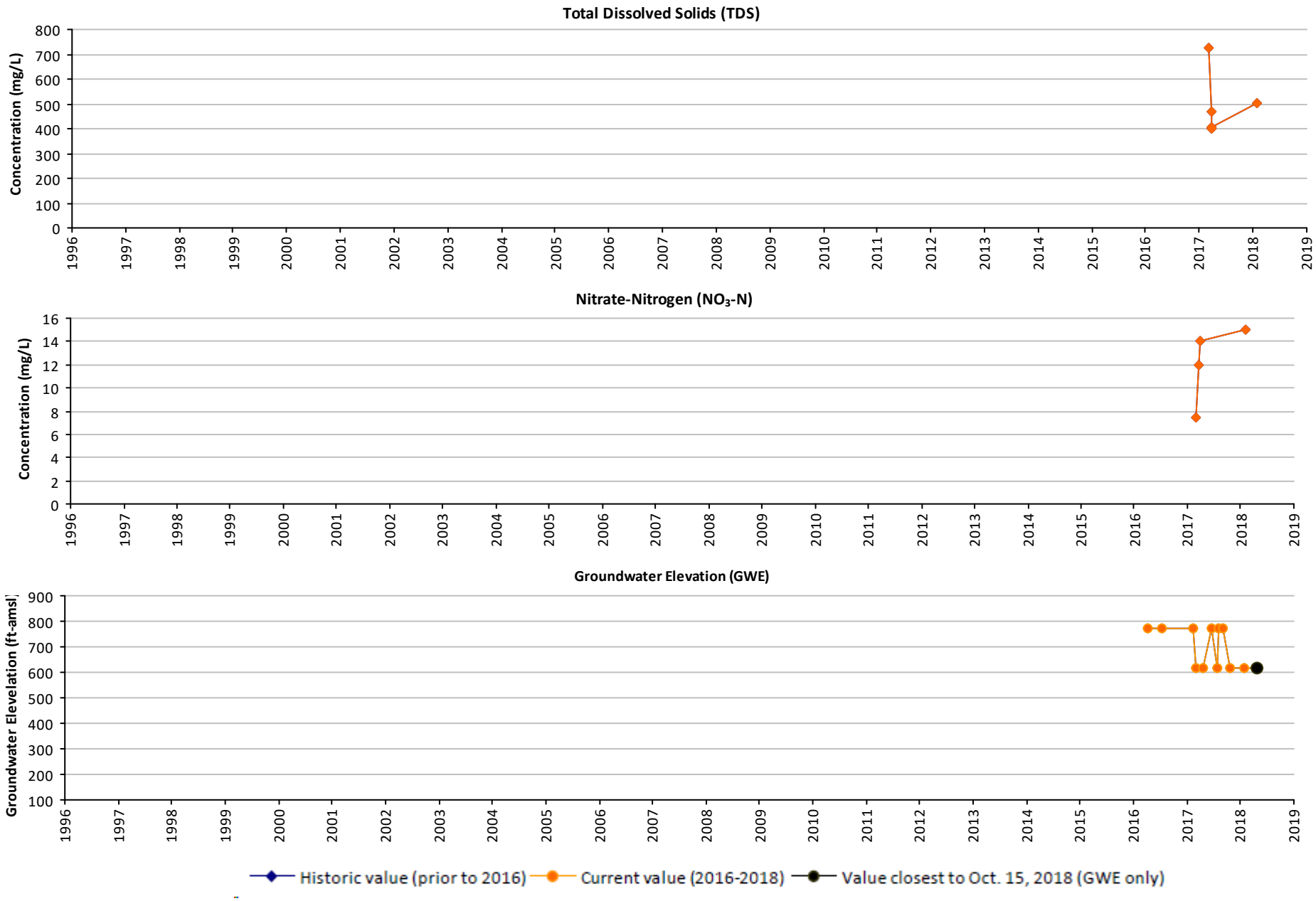

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
11.2
11
10.8
10.6
10.4
10.2
10
9.8
9.6
9.4
9.2
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

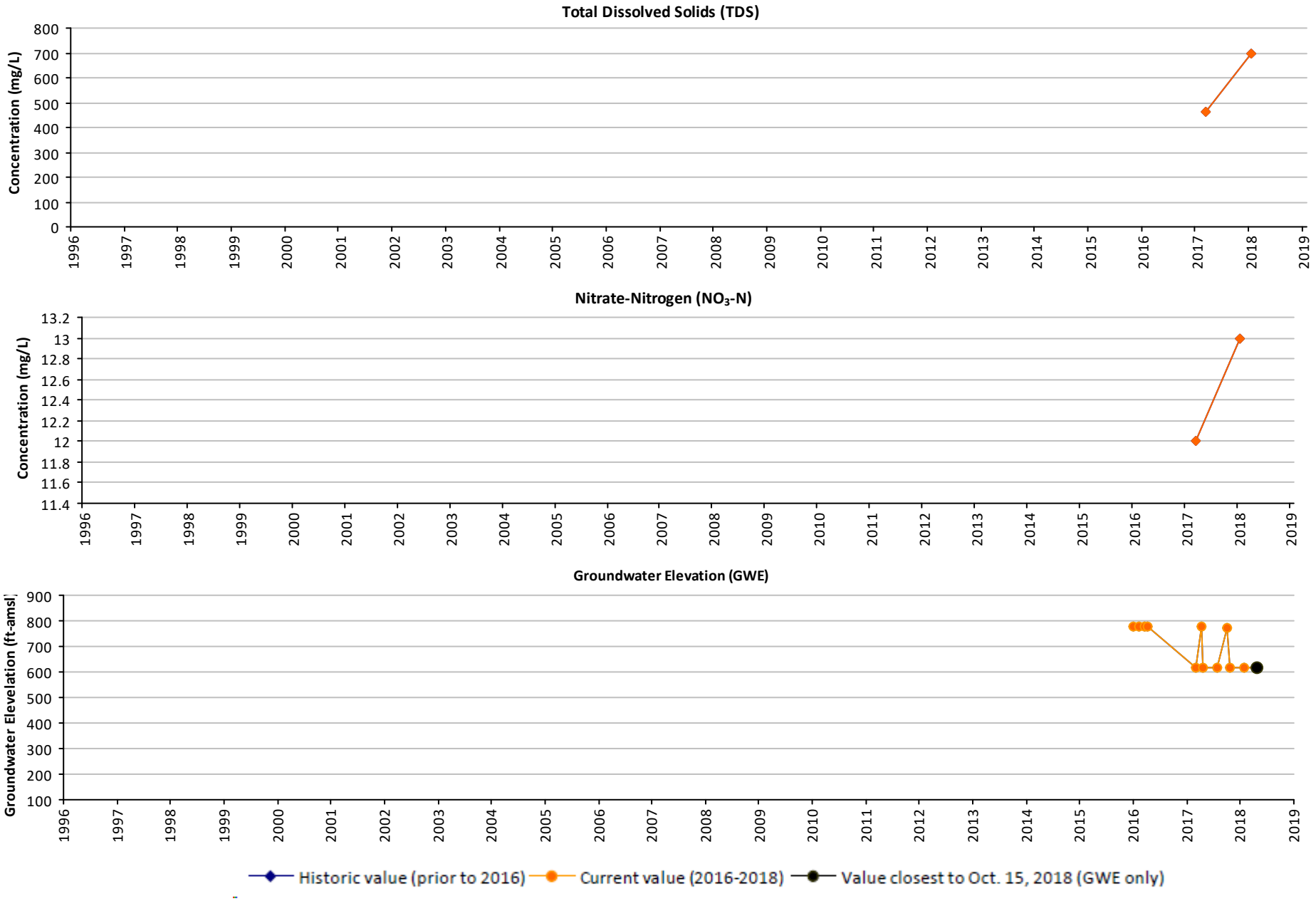

Total Dissolved Solids (TDS)
Concentration (mg/L)
240
235
230
225
220
215
210
205
200
195
190
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

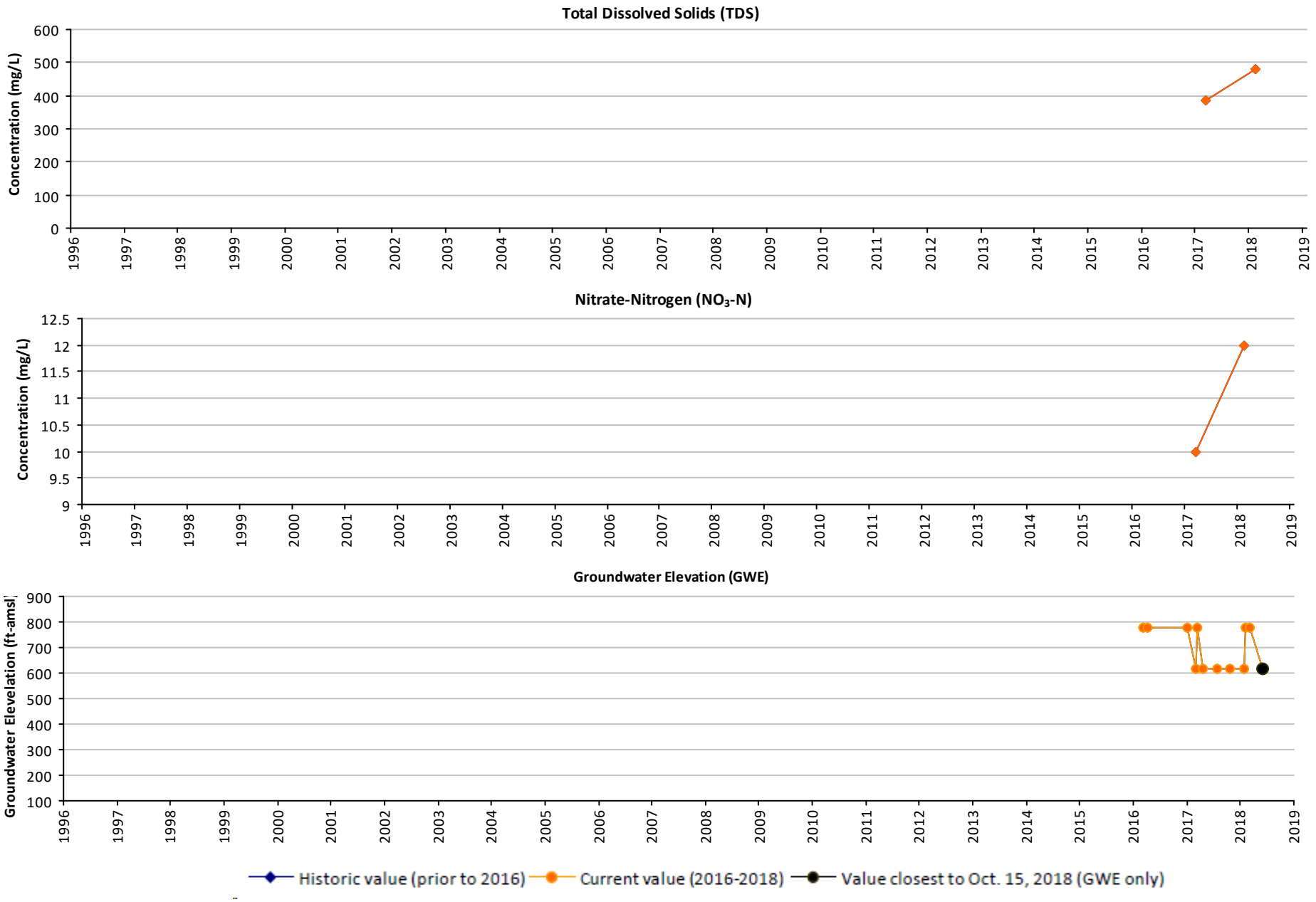

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

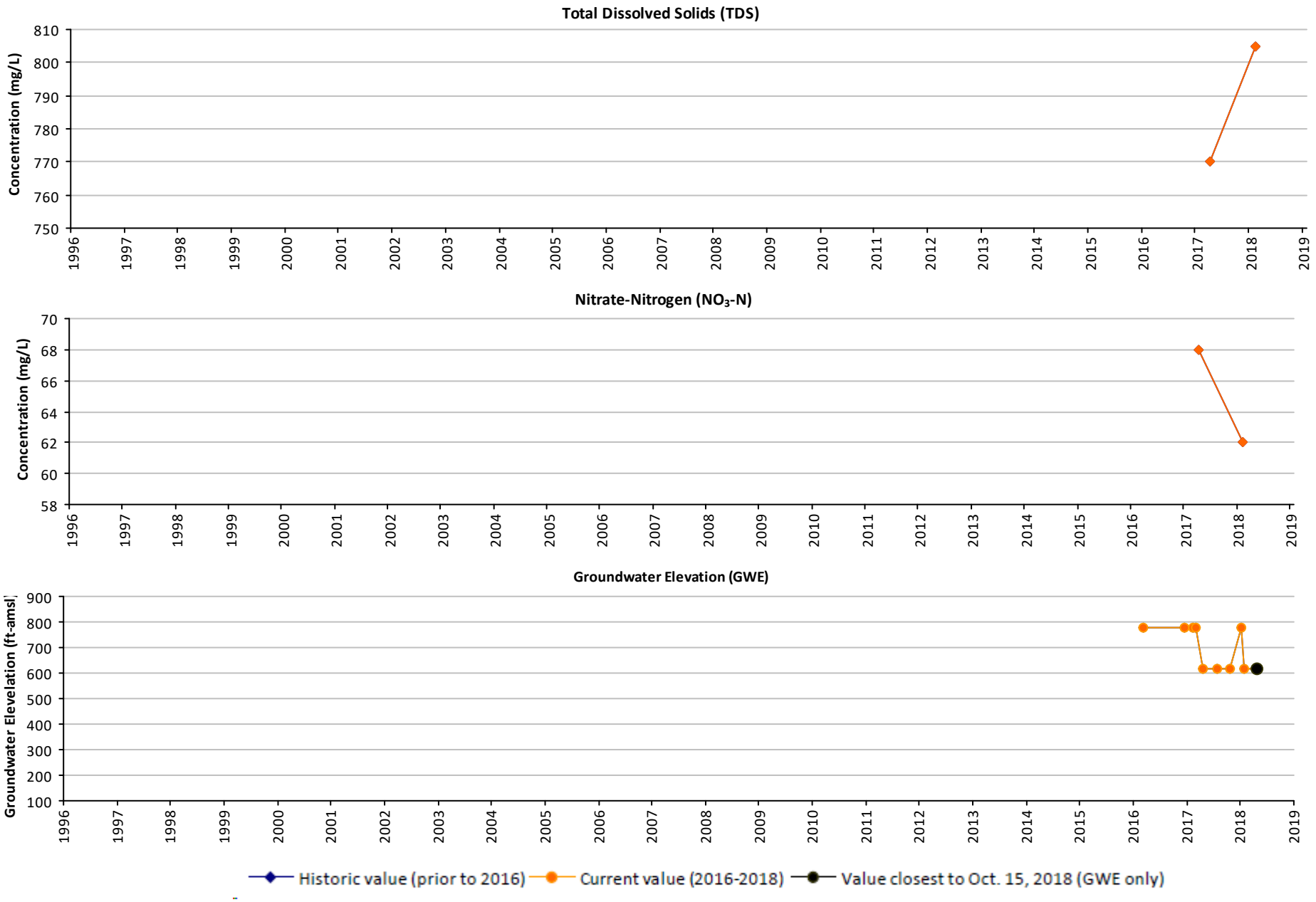

Total Dissolved Solids (TDS)
Concentration (mg/L)
410
400
390
380
370
360
350
340
330
320
310
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
9.5
9
8.5
8
7.5
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

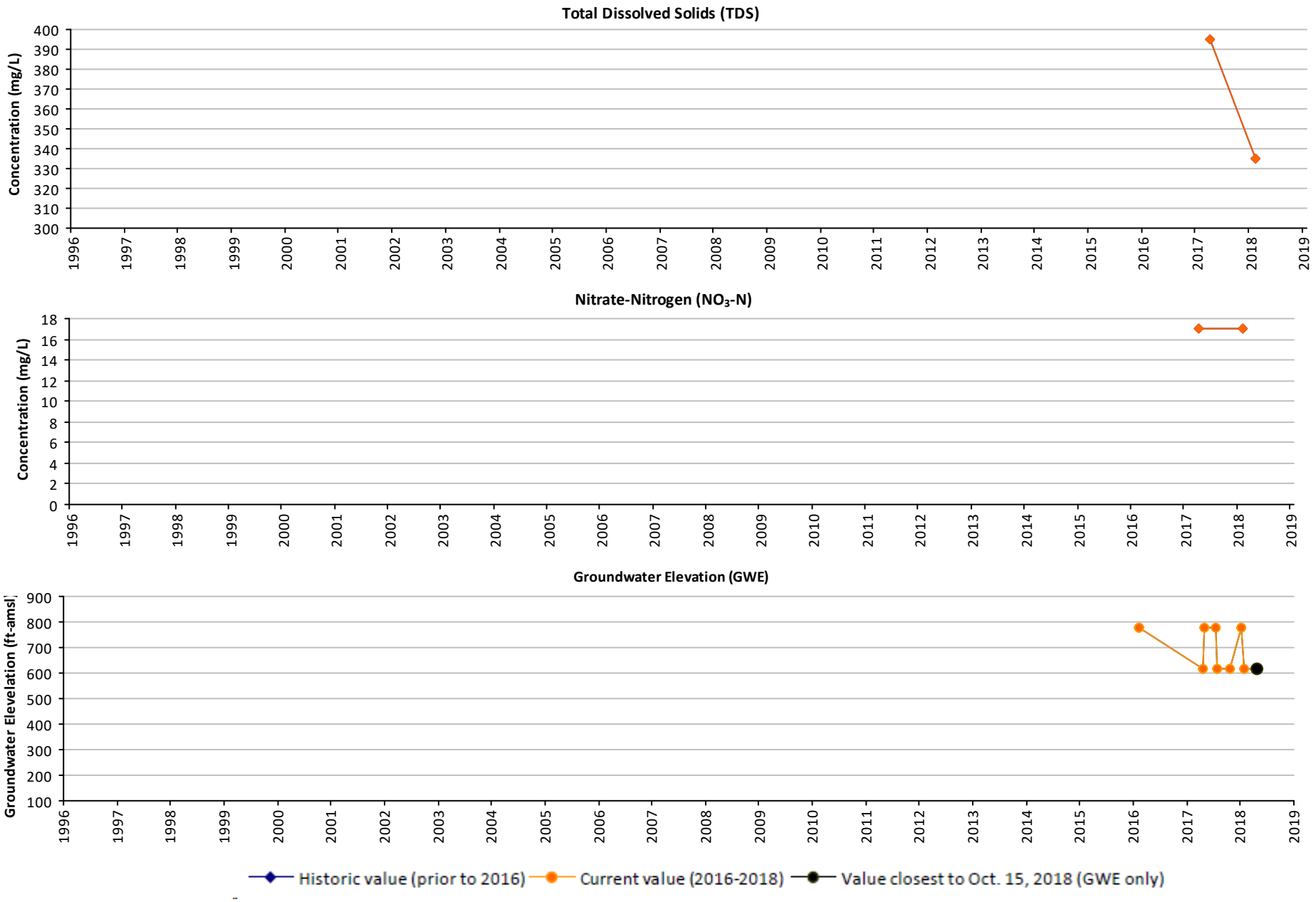

Total Dissolved Solids (TDS)
Concentration (mg/L)
480
460
440
420
400
380
360
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

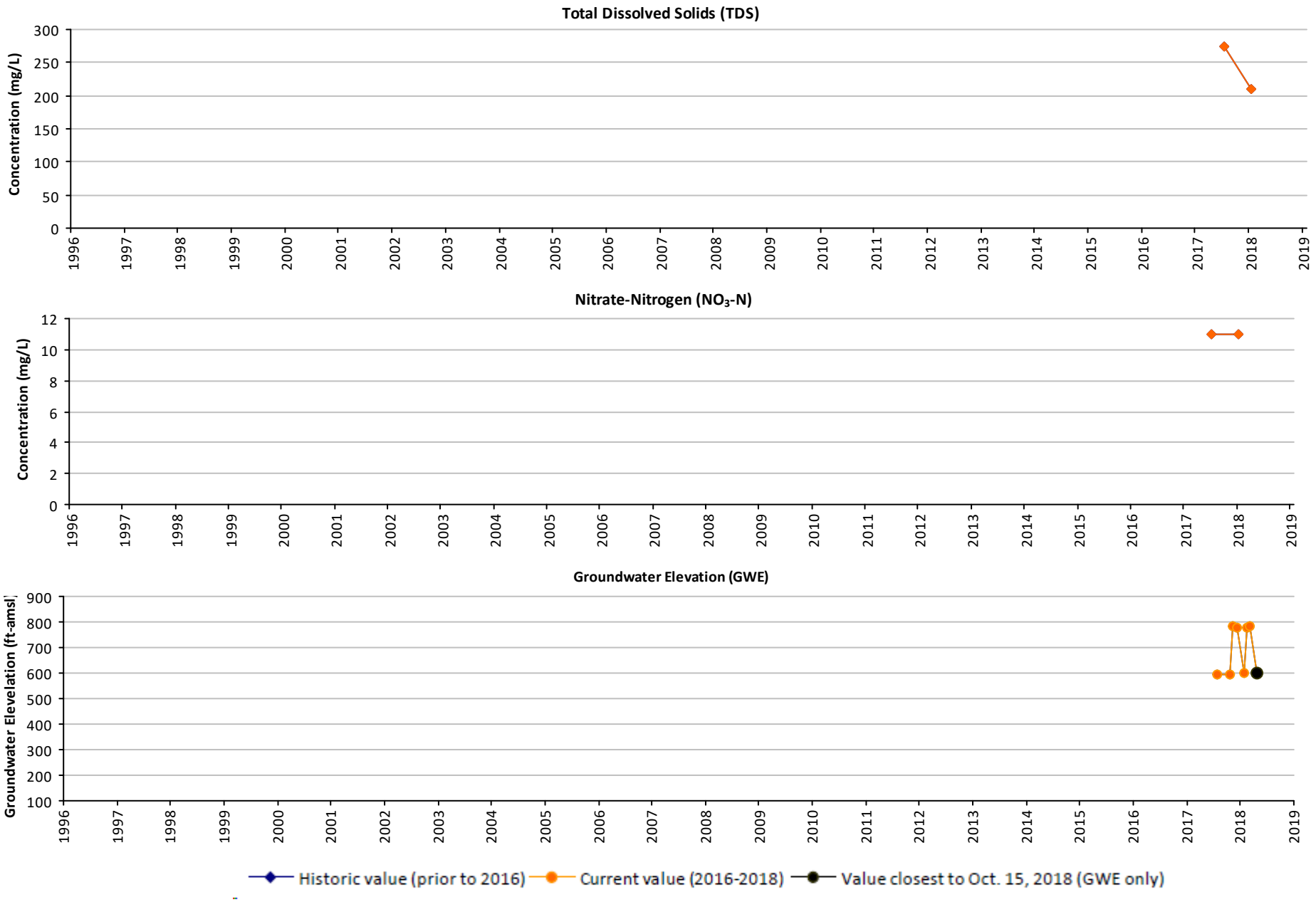

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

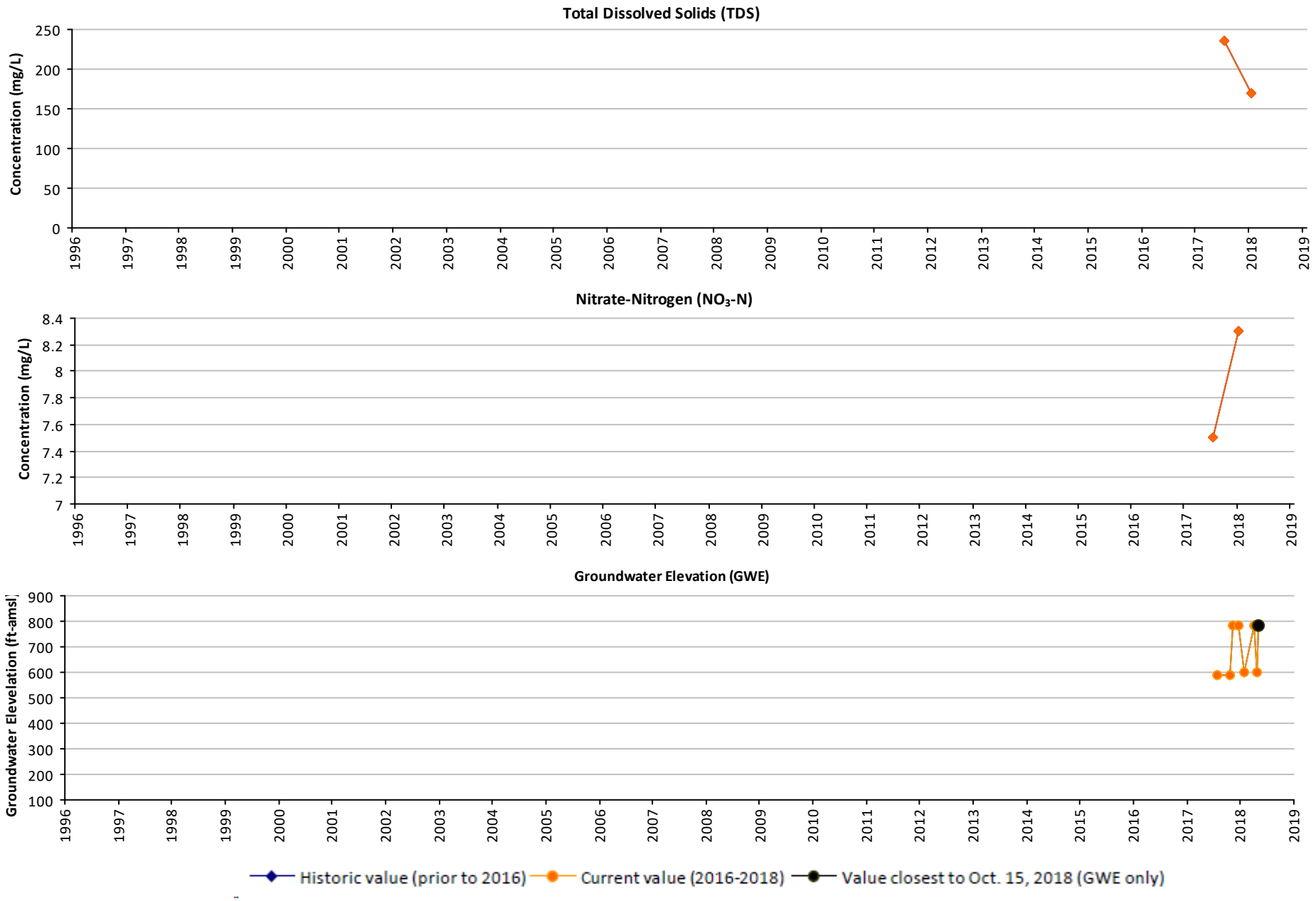

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
13.2
13
12.8
12.6
12.4
12.2
12
11.8
11.6
11.4
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

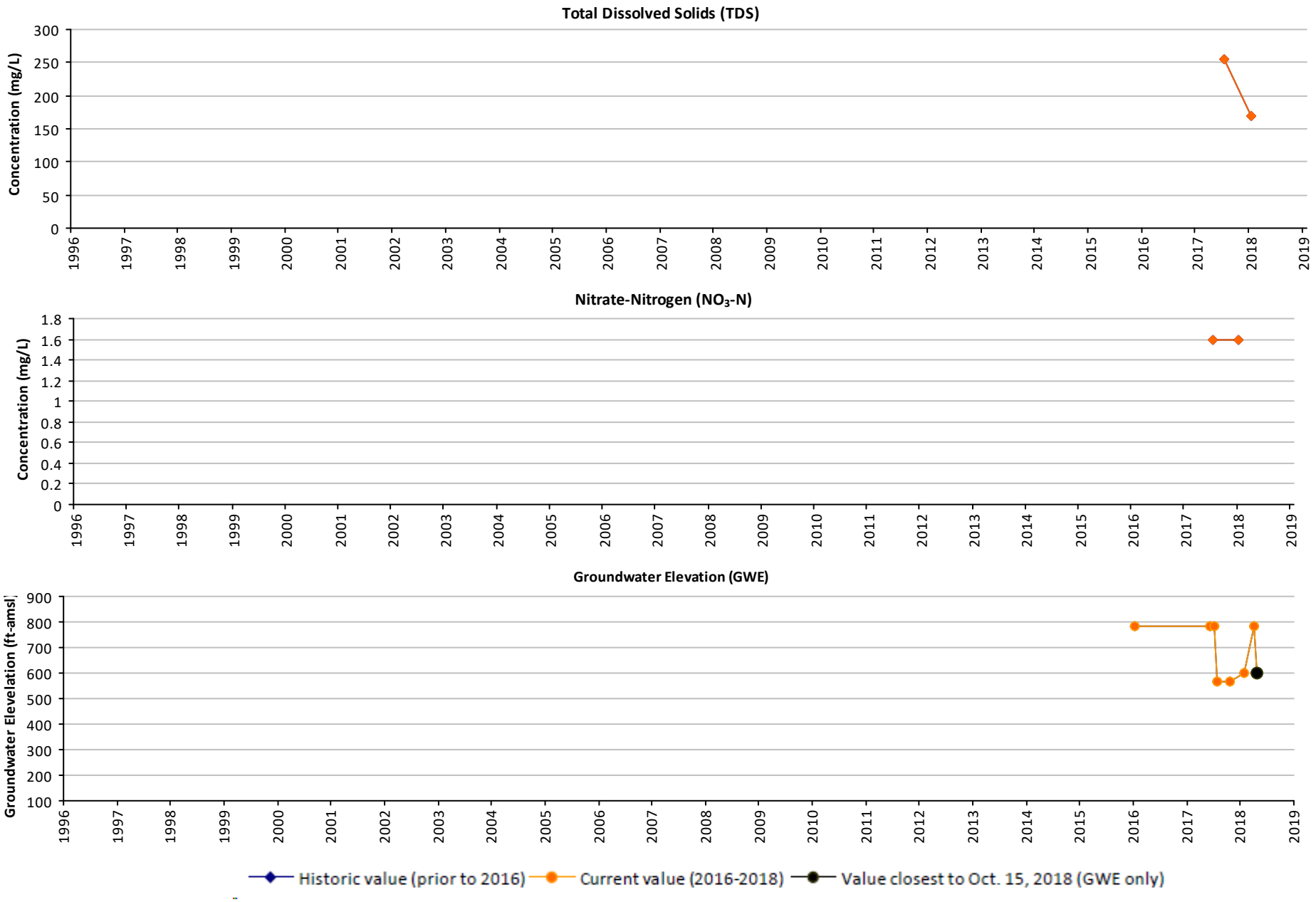

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12.5
12
11.5
11
10.5
10
9.5
9
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

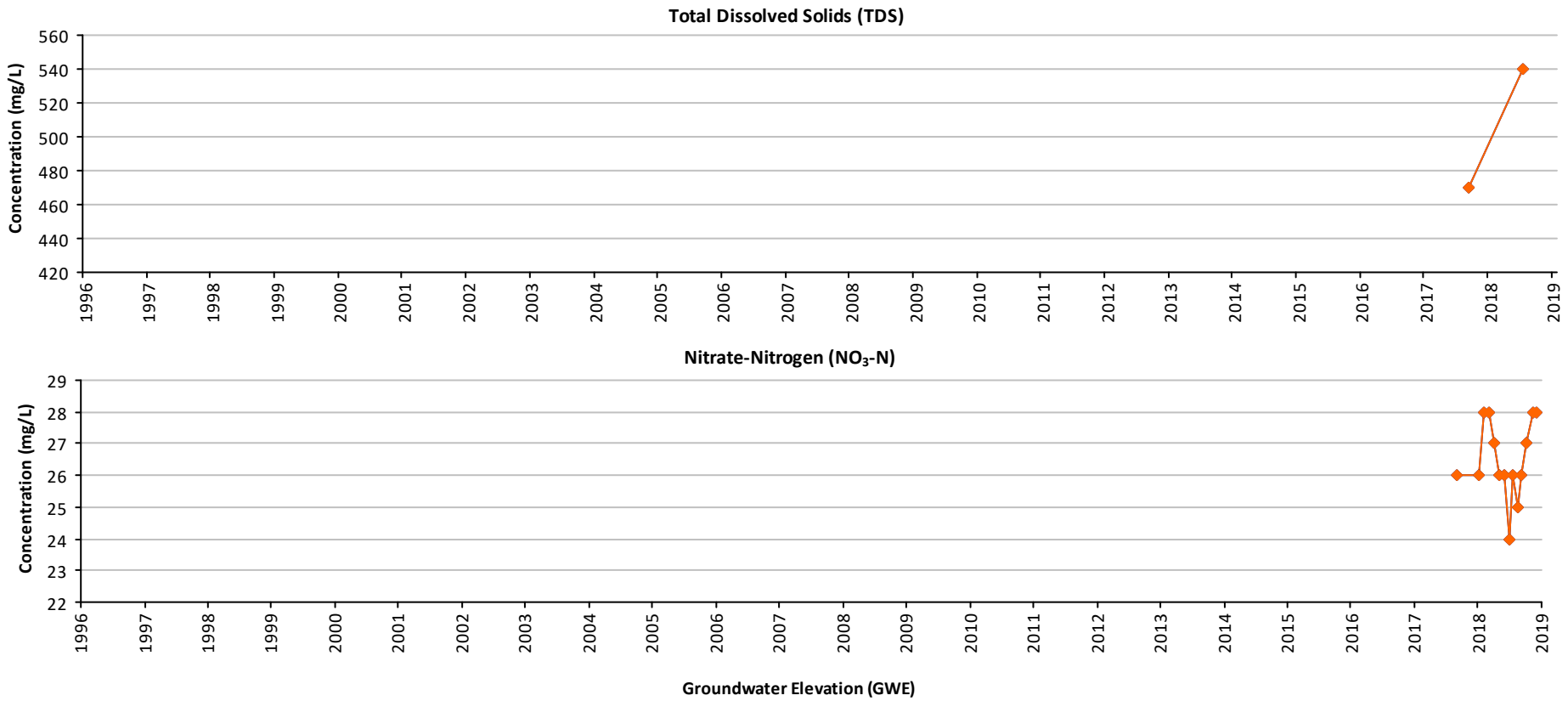

Total Dissolved Solids (TDS)
Concentration (mg/L)
810
800
790
780
770
760
750
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
68
66
64
62
60
58
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

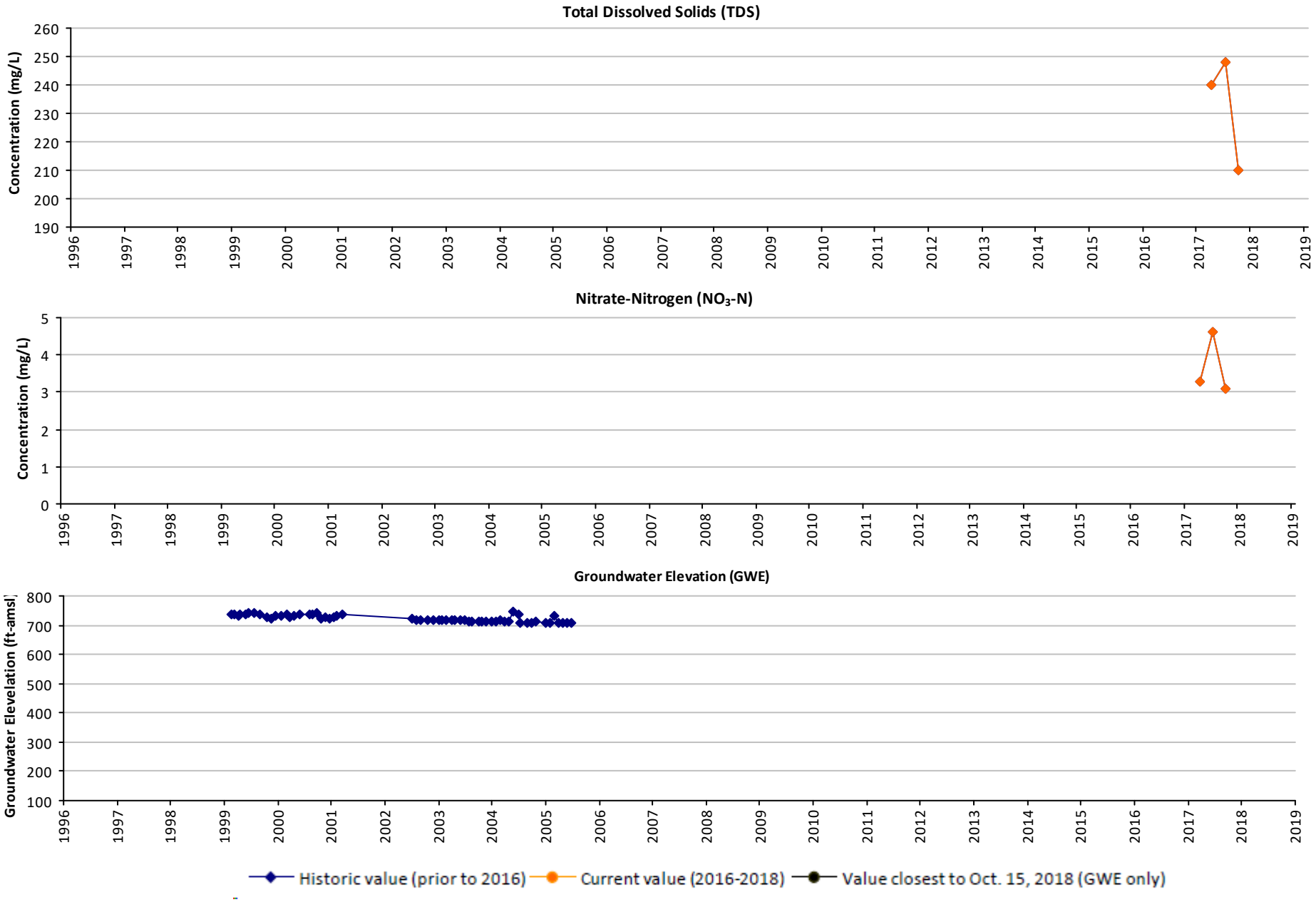

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
390
380
370
360
350
340
330
320
310
300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

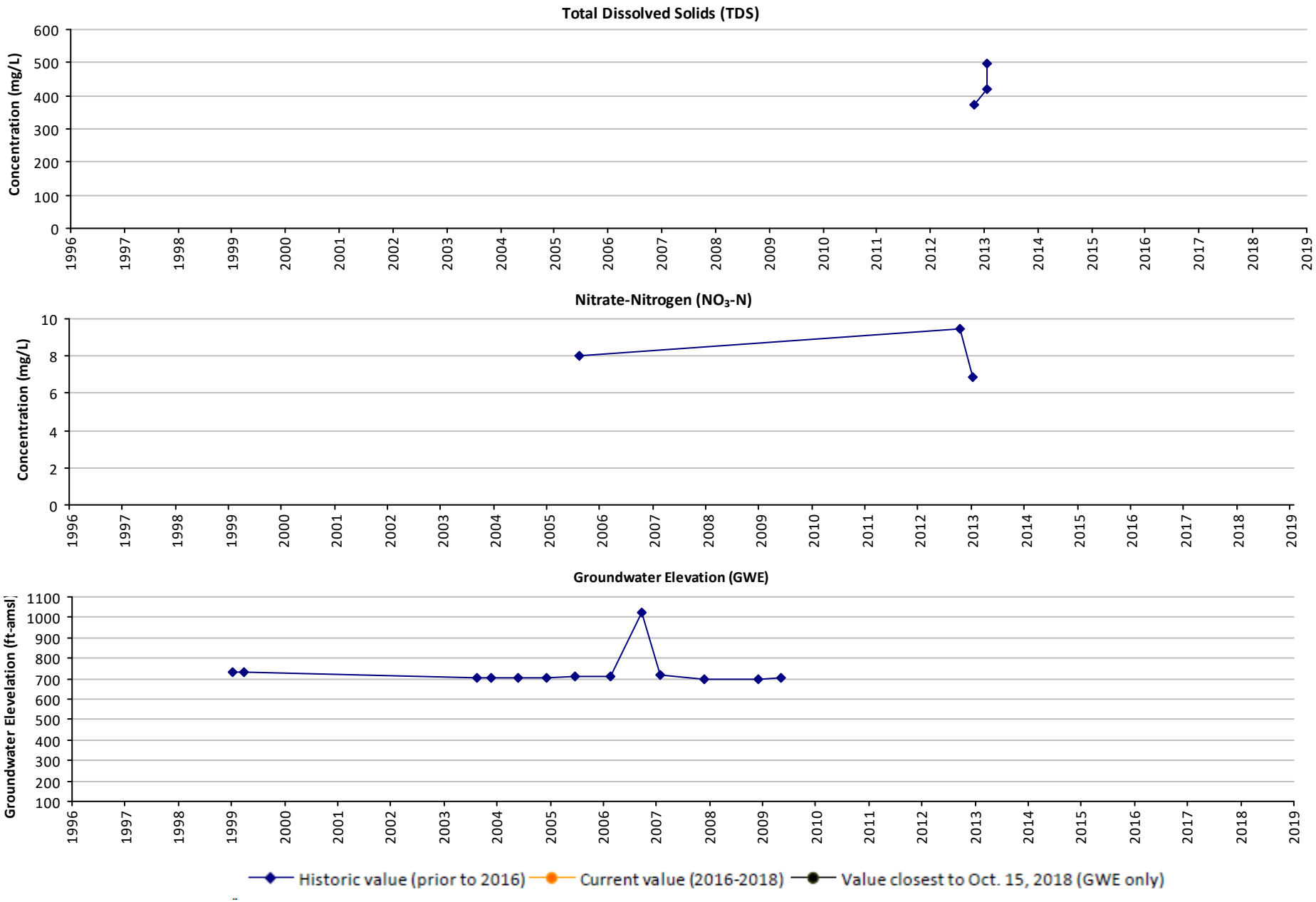

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
100
200
300
400
500
600
700
800
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

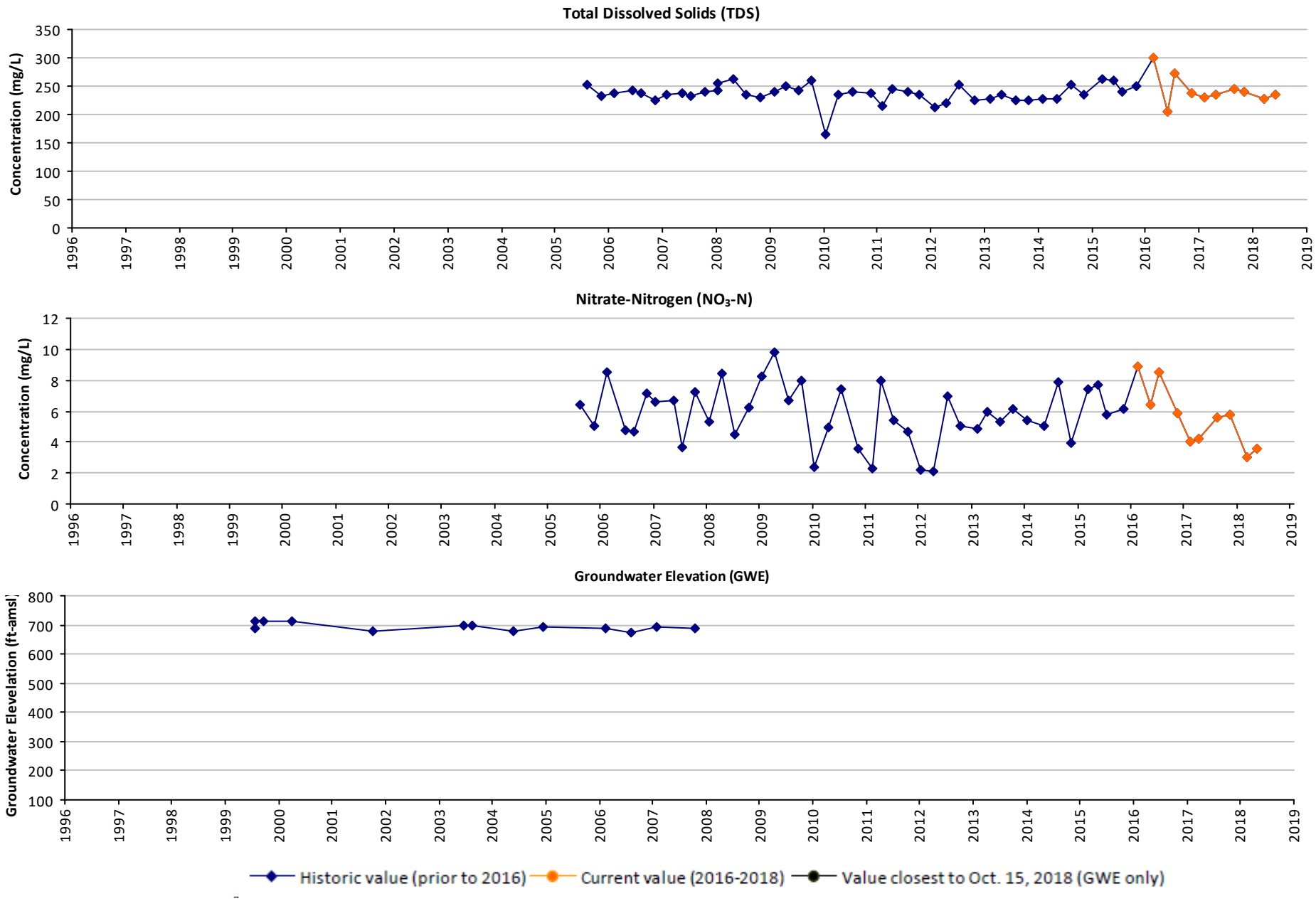

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8.4
8.2
8
7.8
7.6
7.4
7.2
7
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

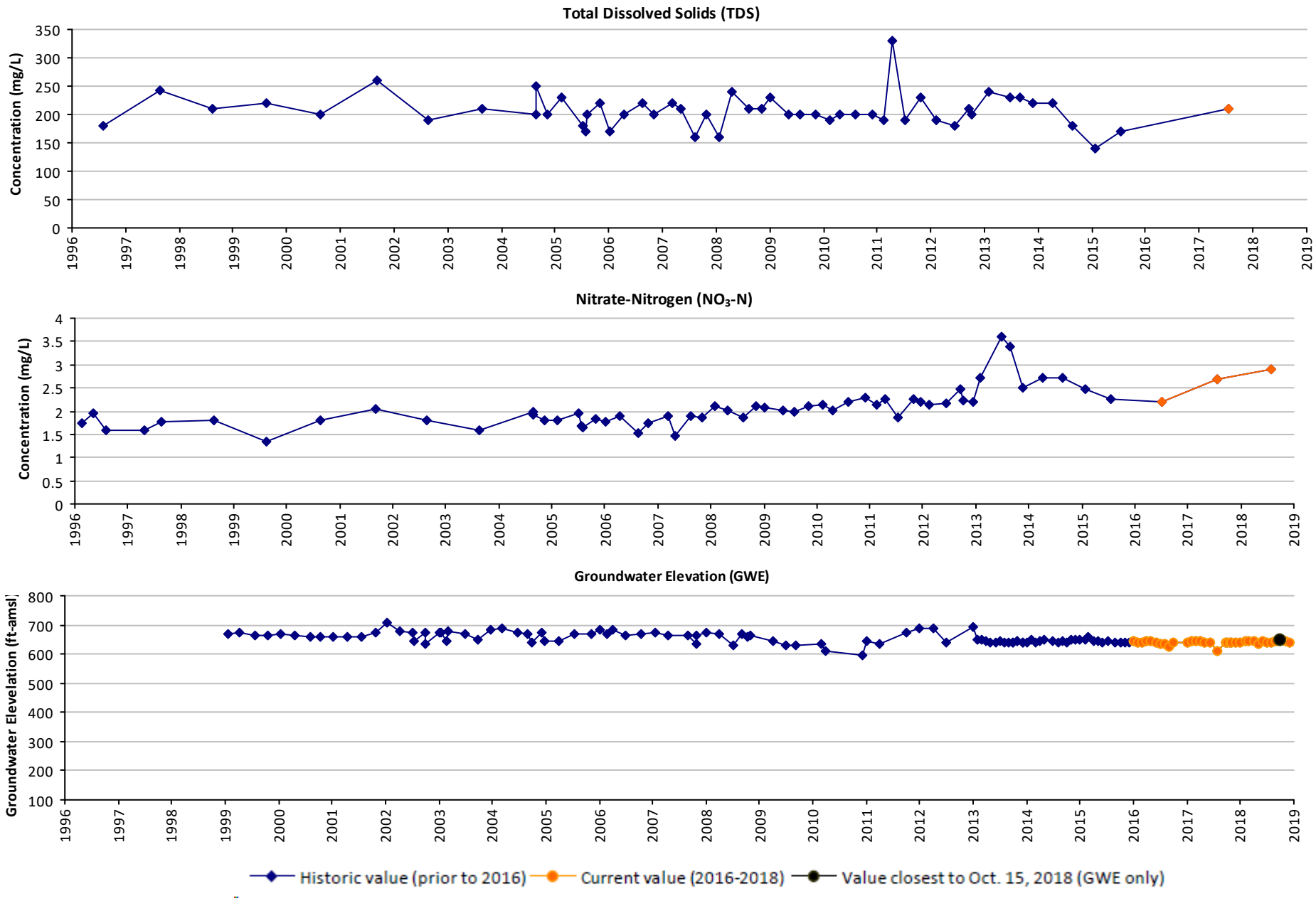

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
900
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

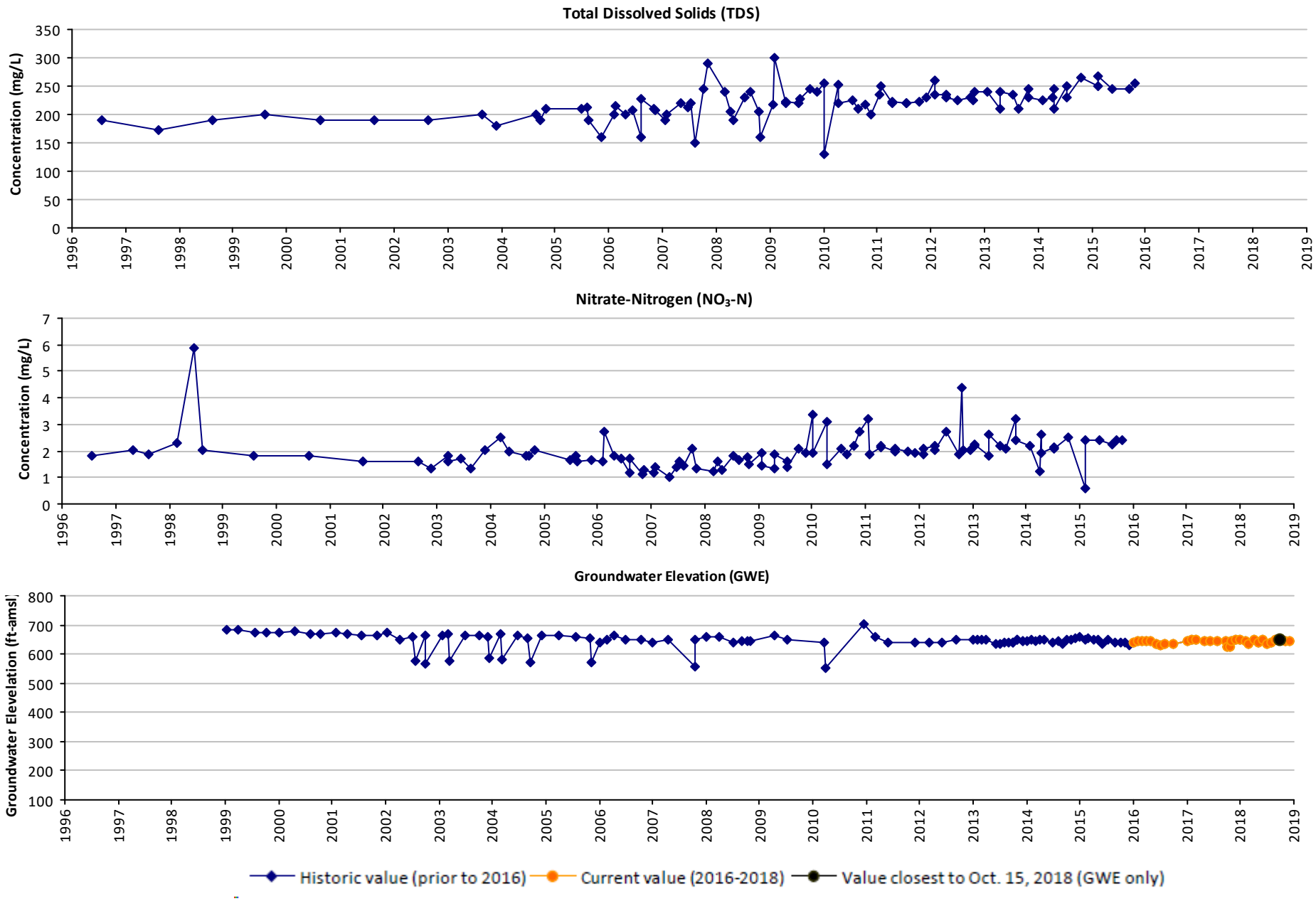

Total Dissolved Solids (TDS)
Concentration (mg/L)
560
540
520
500
480
460
440
420
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
29
28
27
26
25
24
23
22
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

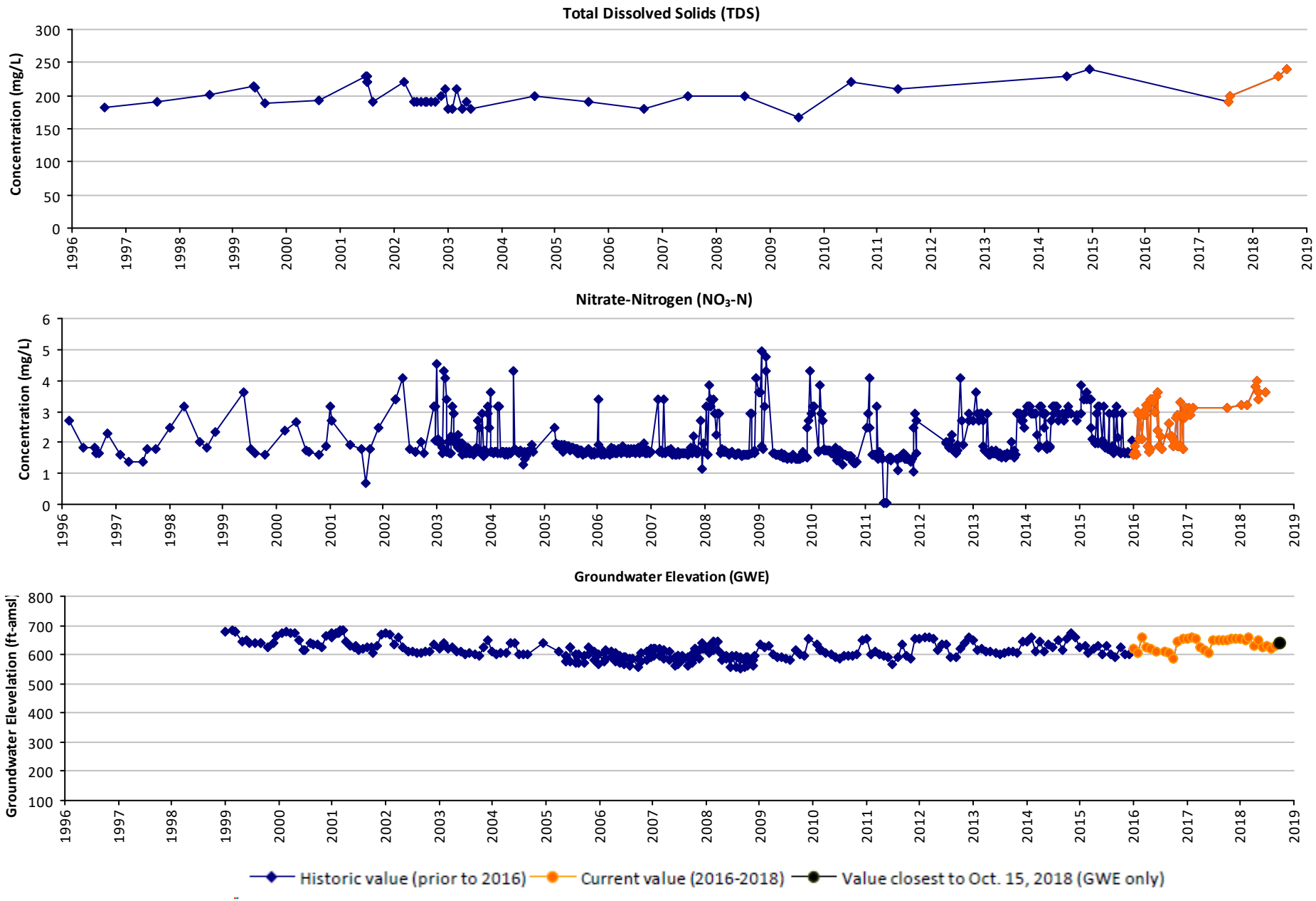

Total Dissolved Solids (TDS)
Concentration (mg/L)
260
250
240
230
220
210
200
190
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
800
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

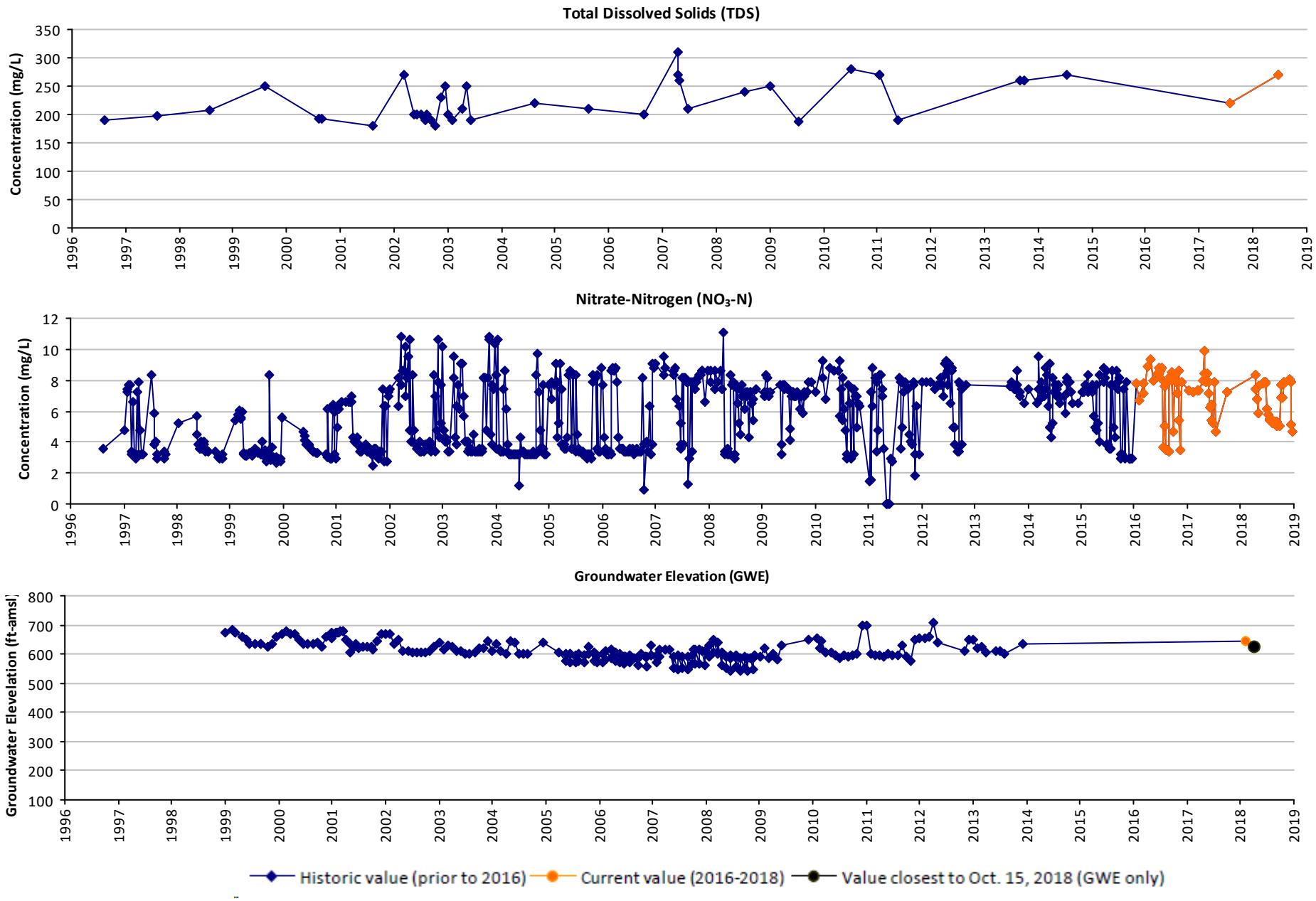

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

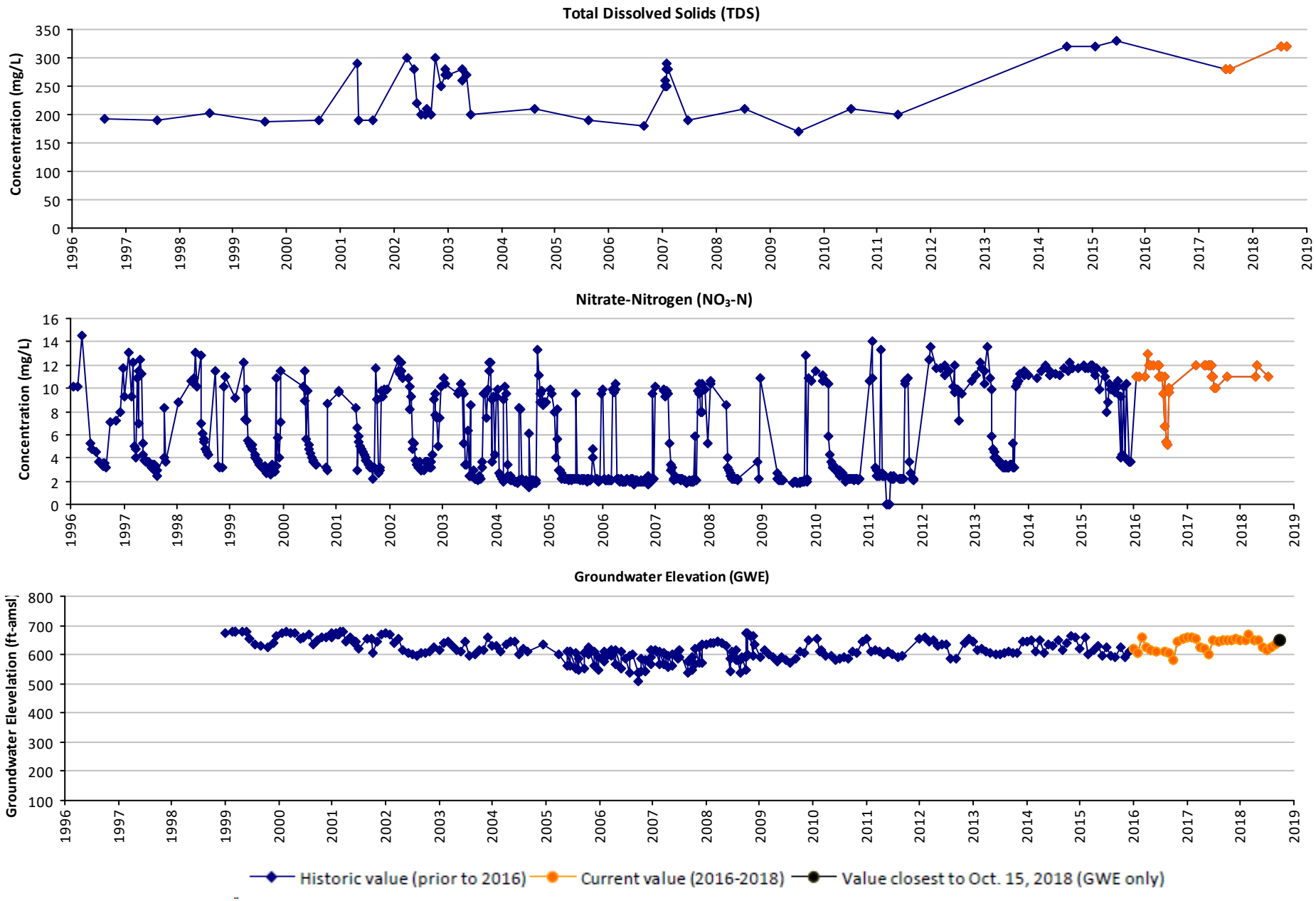

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

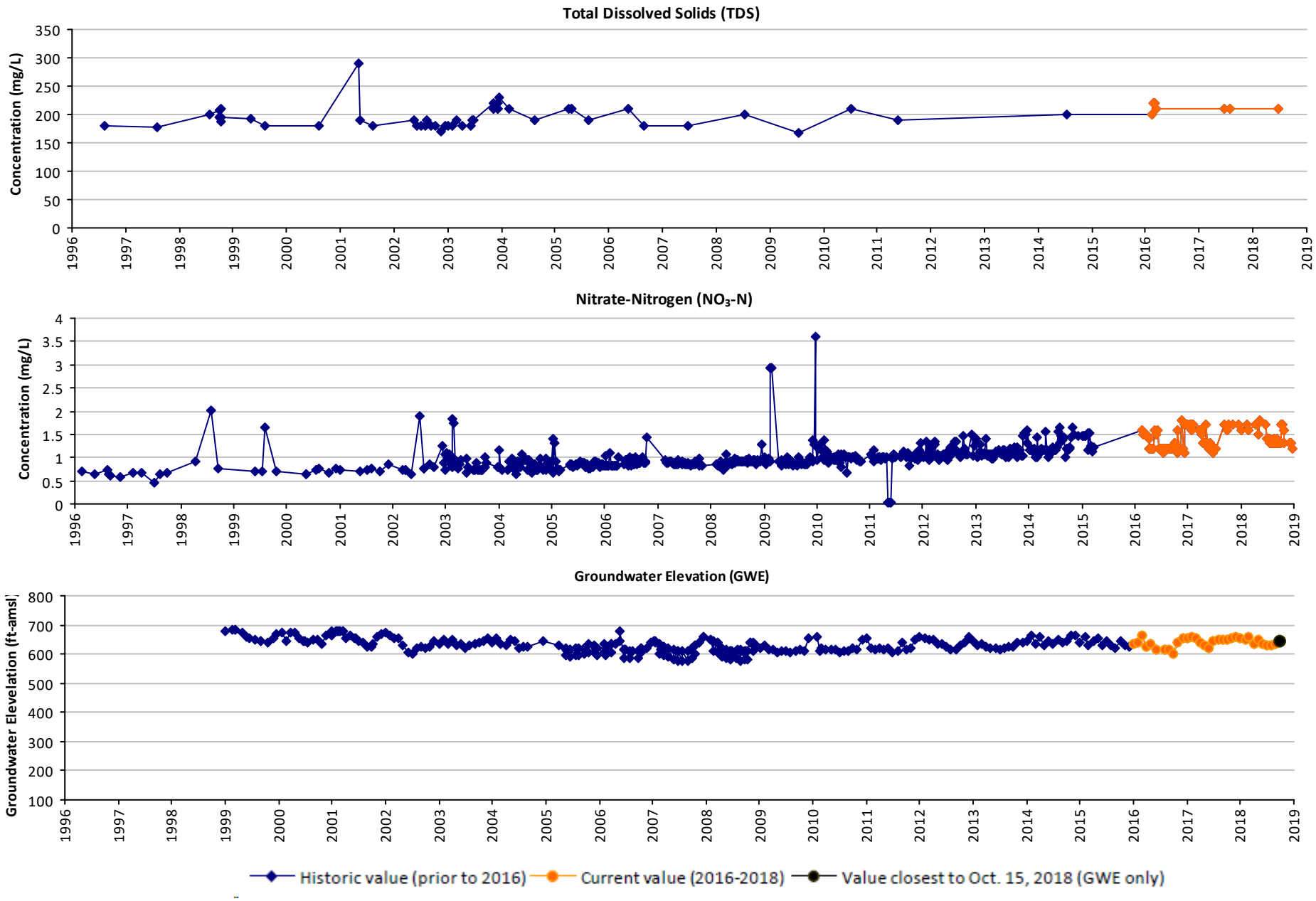

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

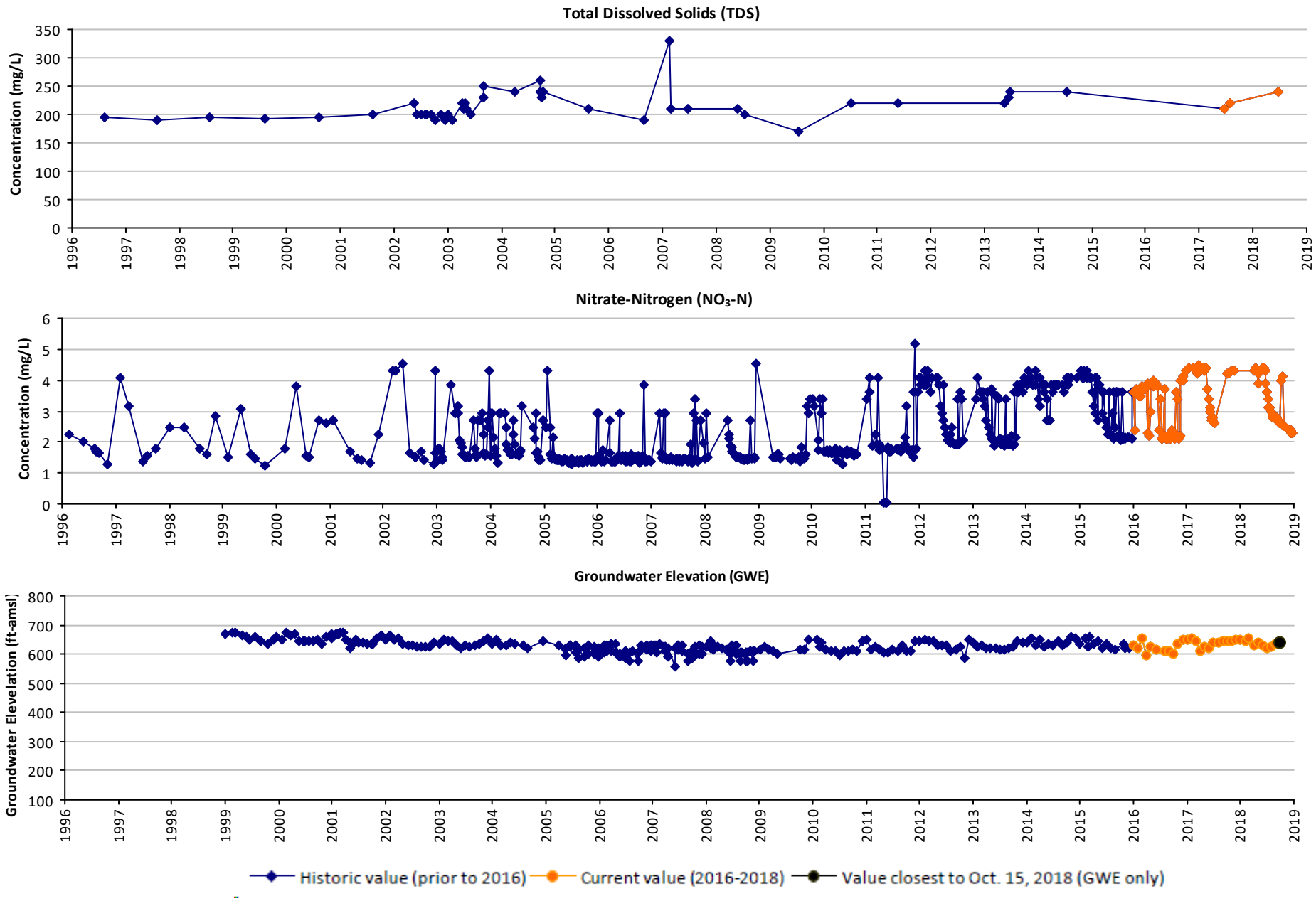

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

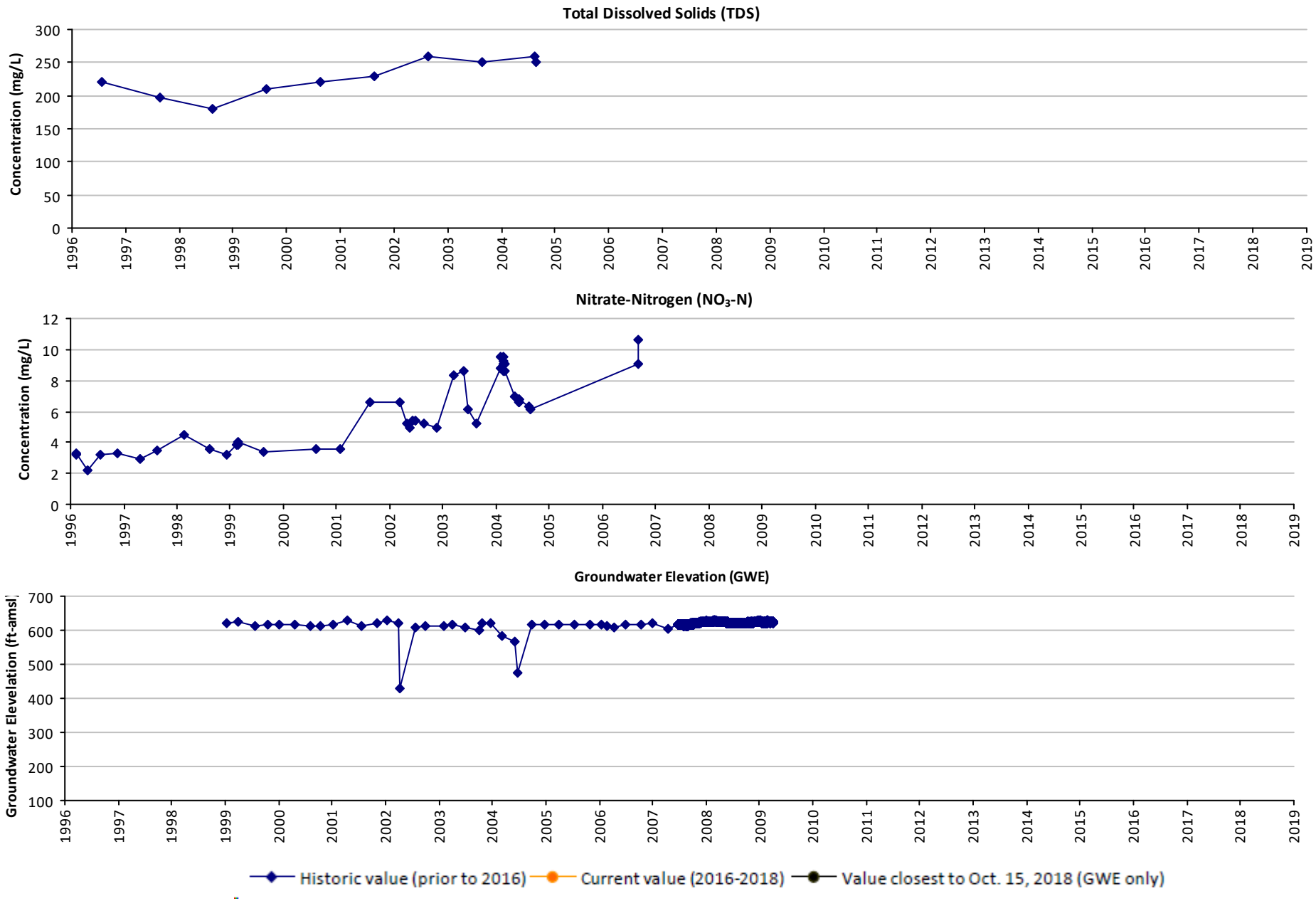

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

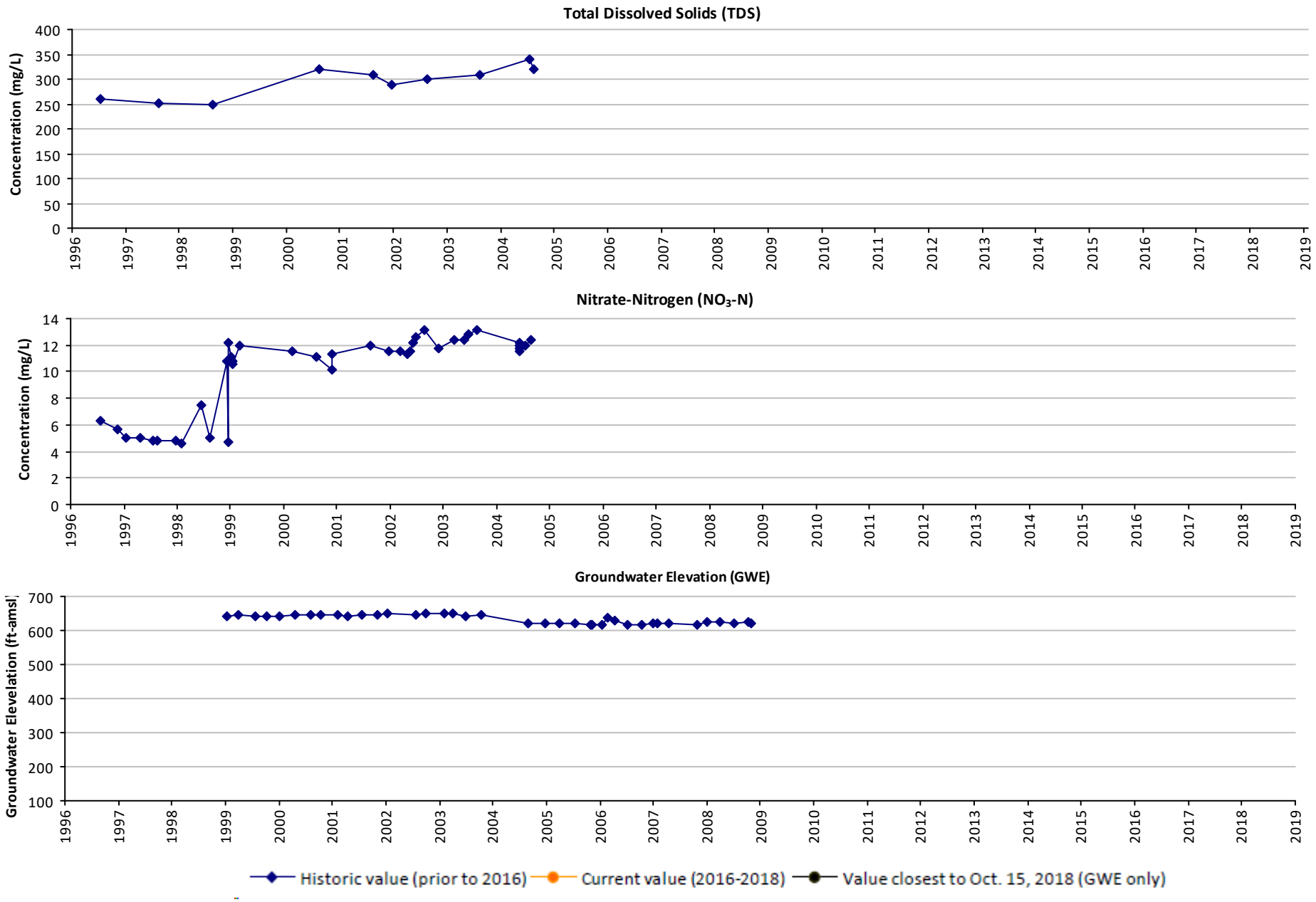

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

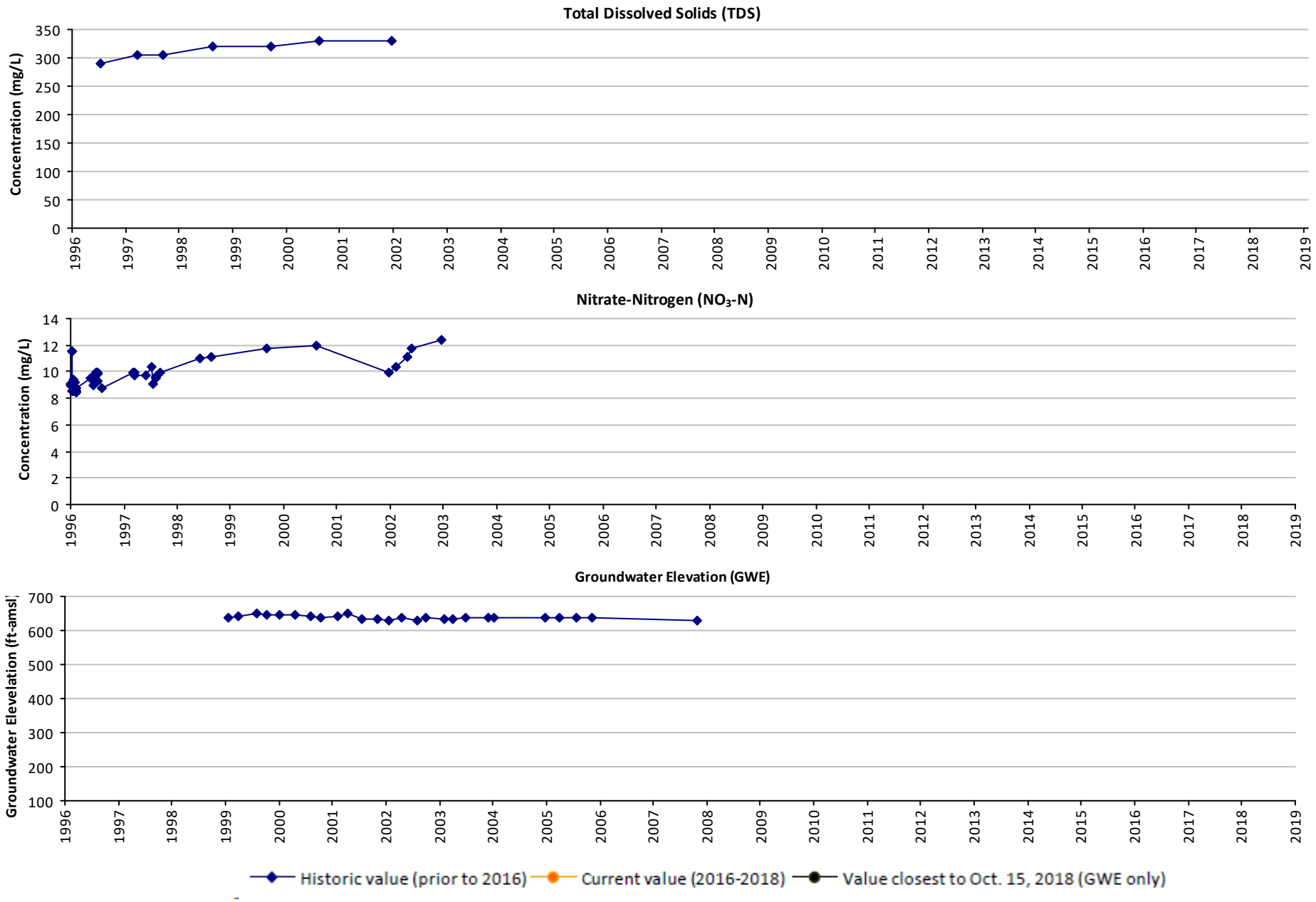

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

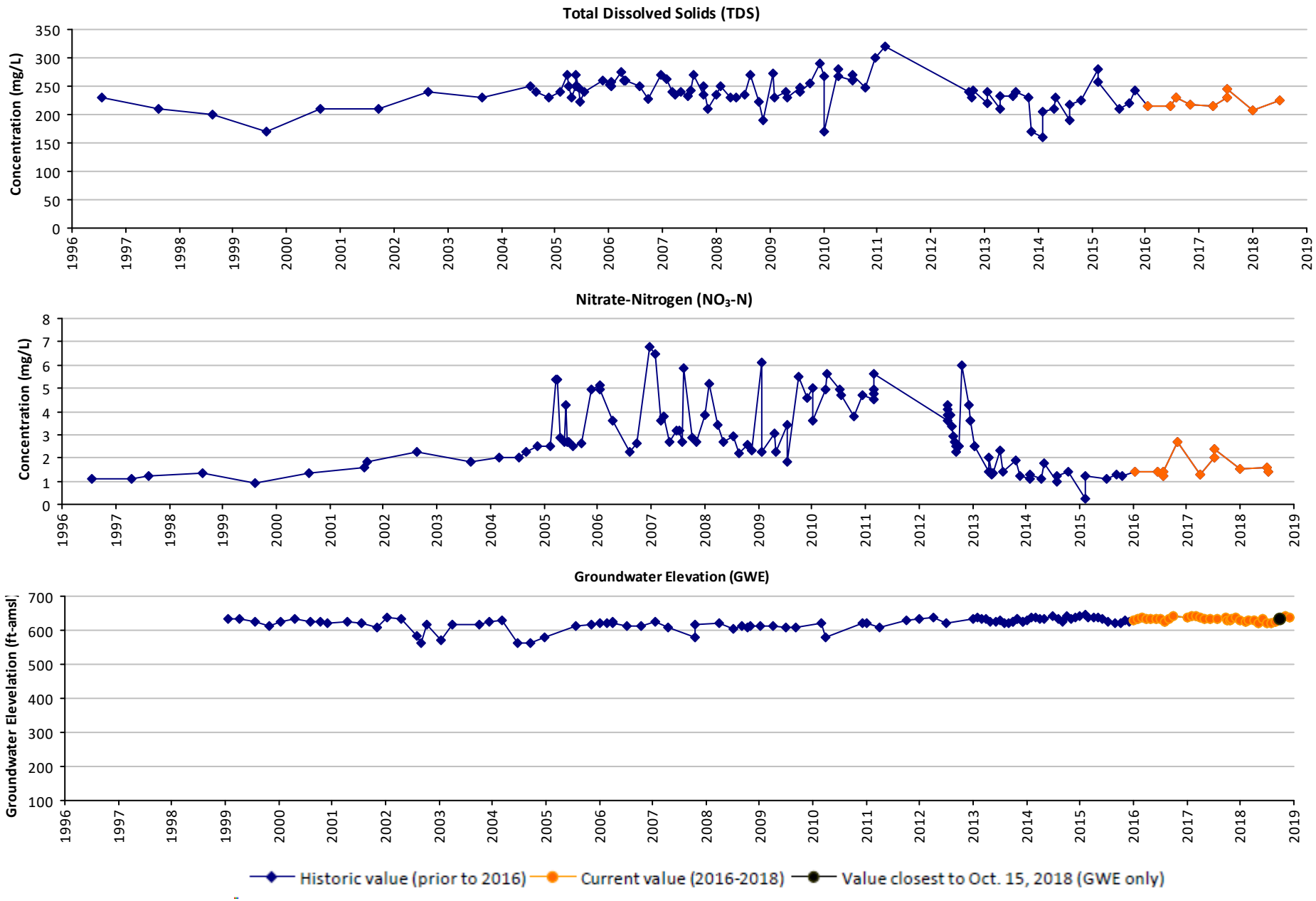

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

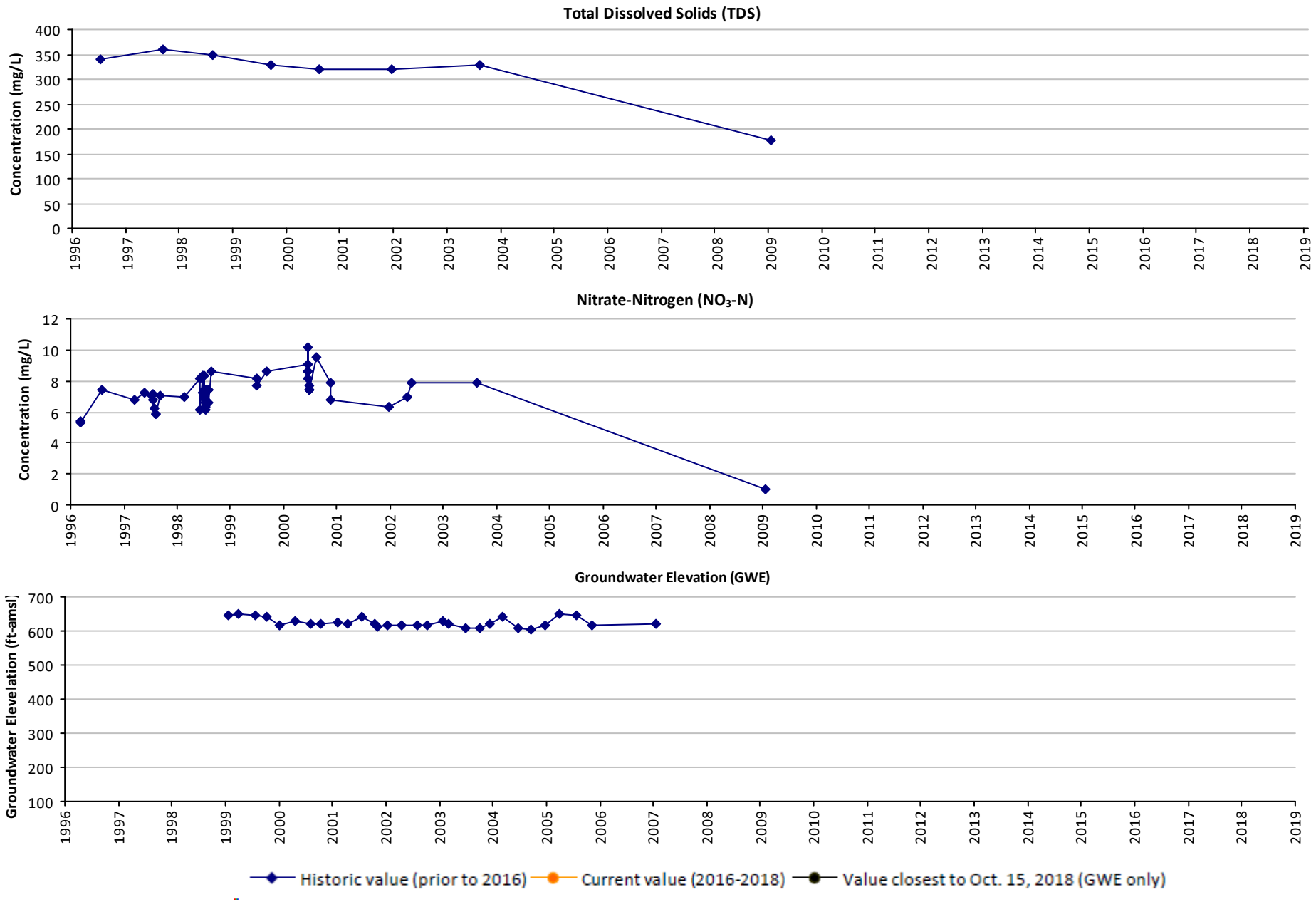

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

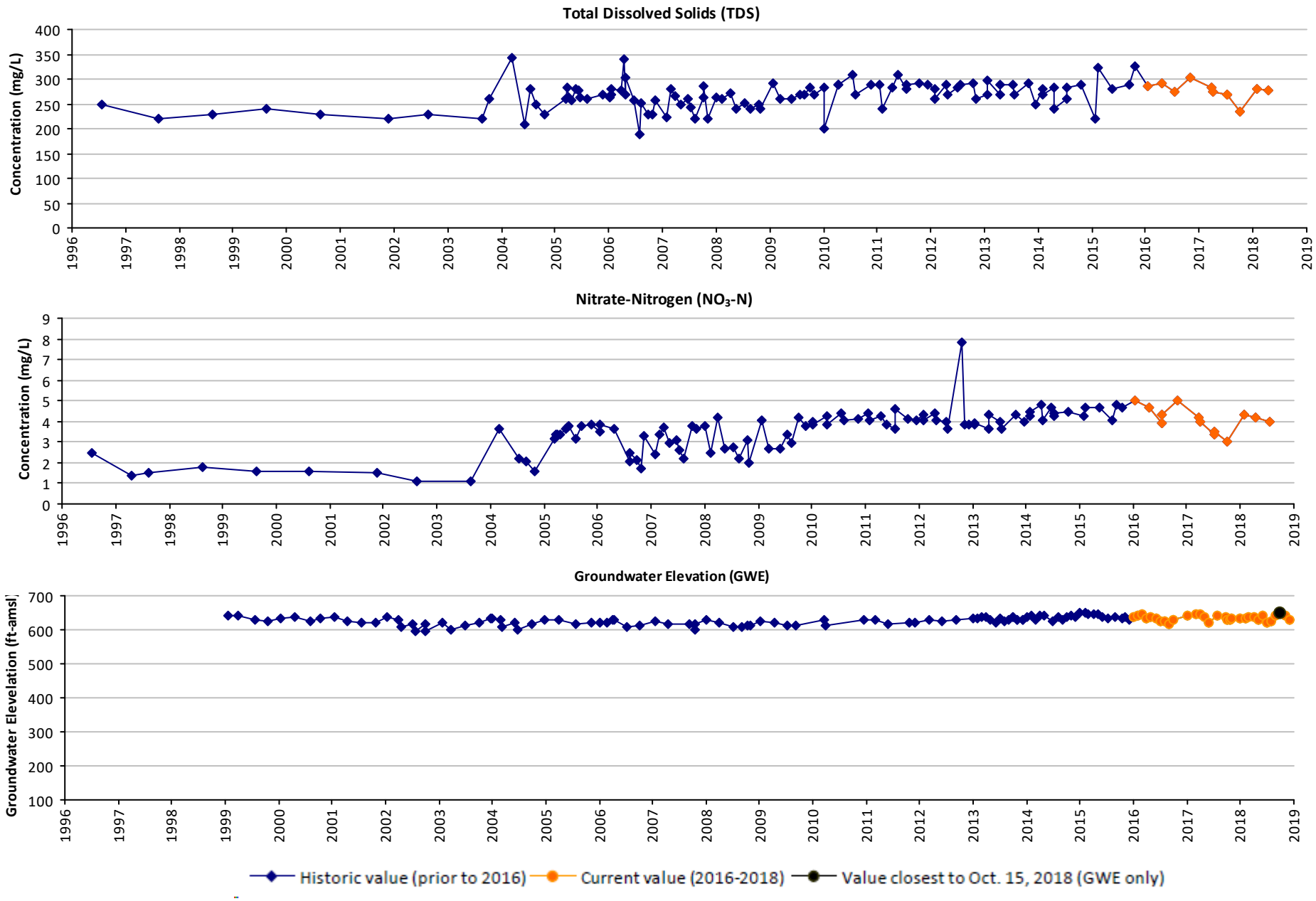

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

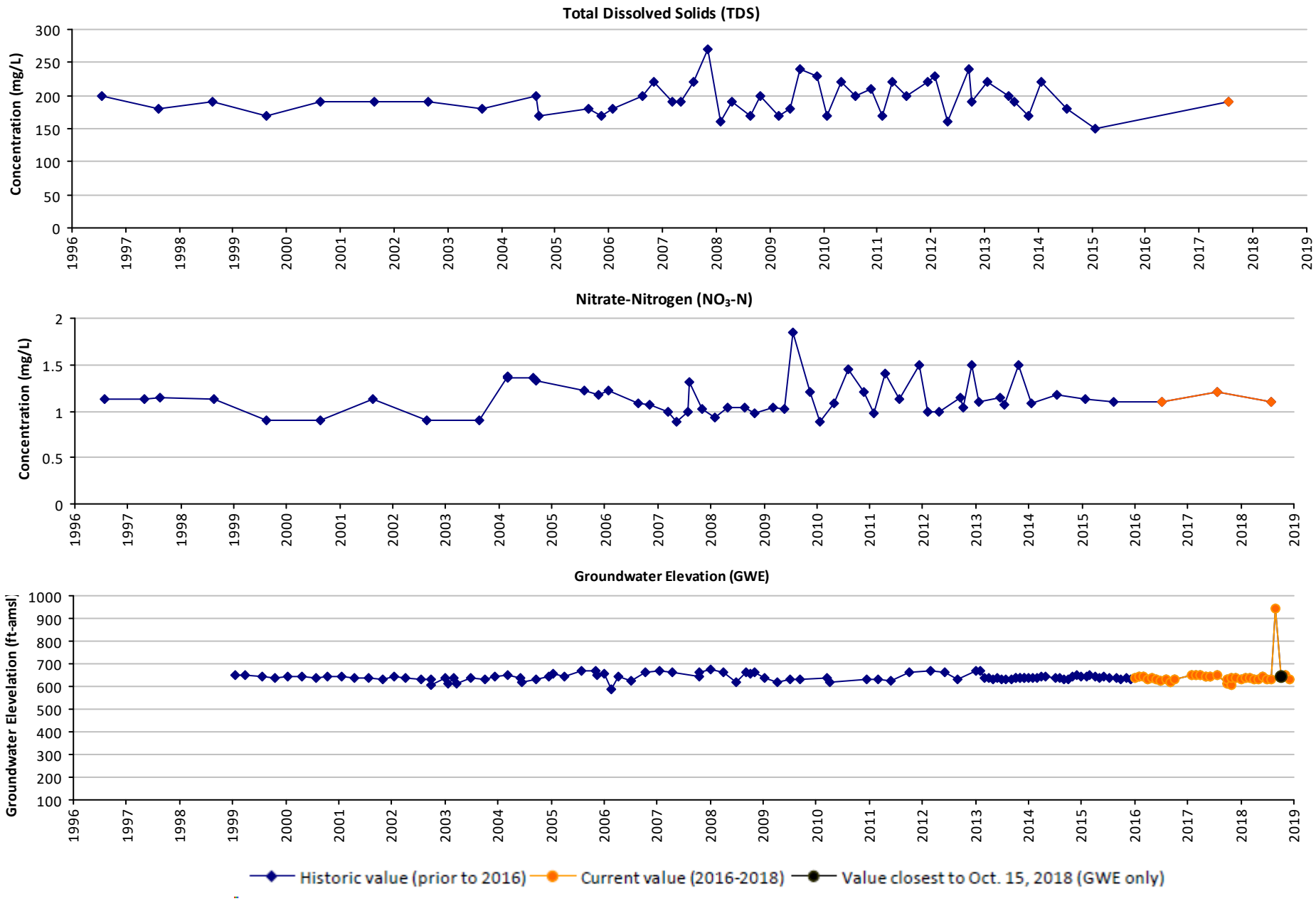

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

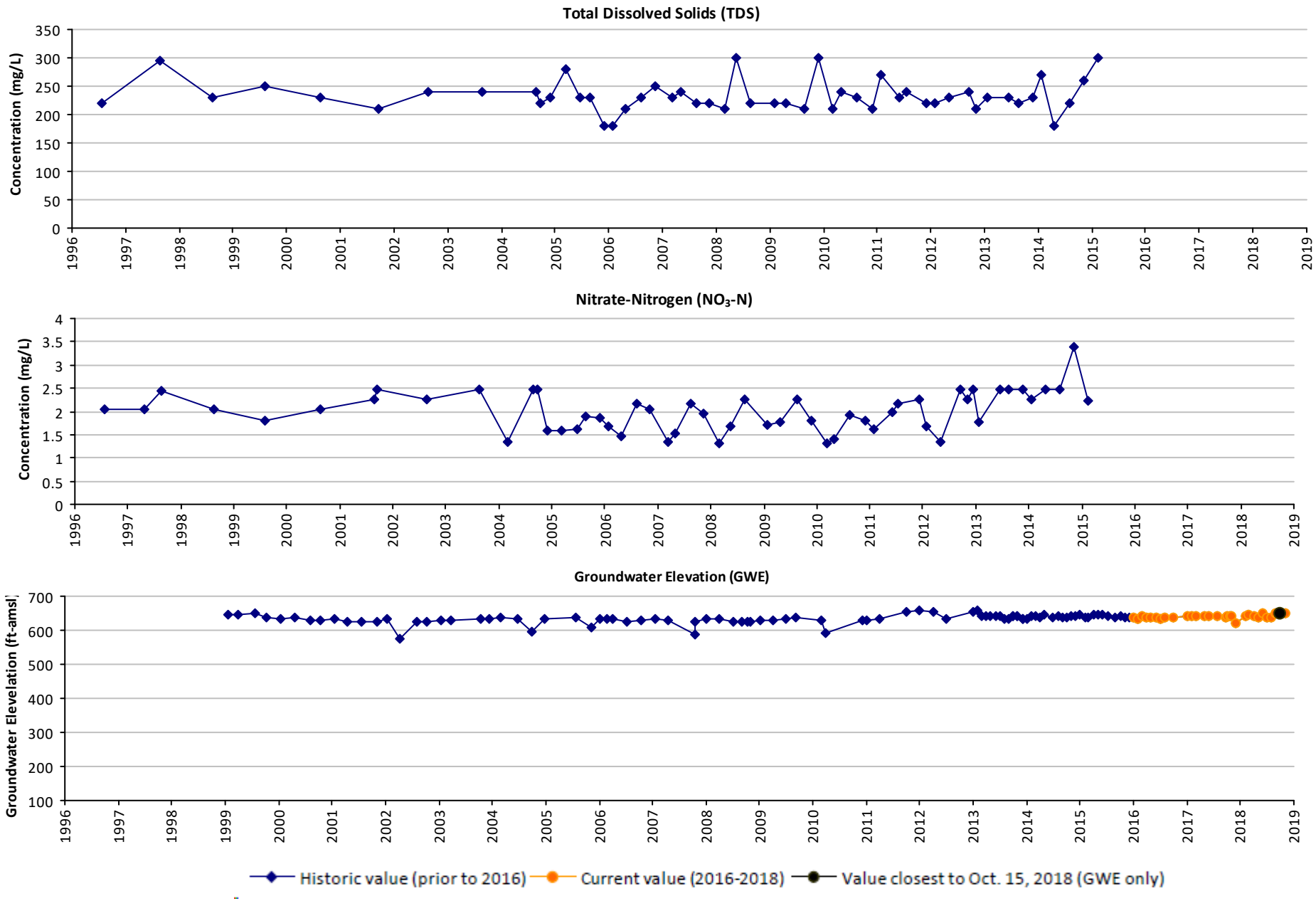

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

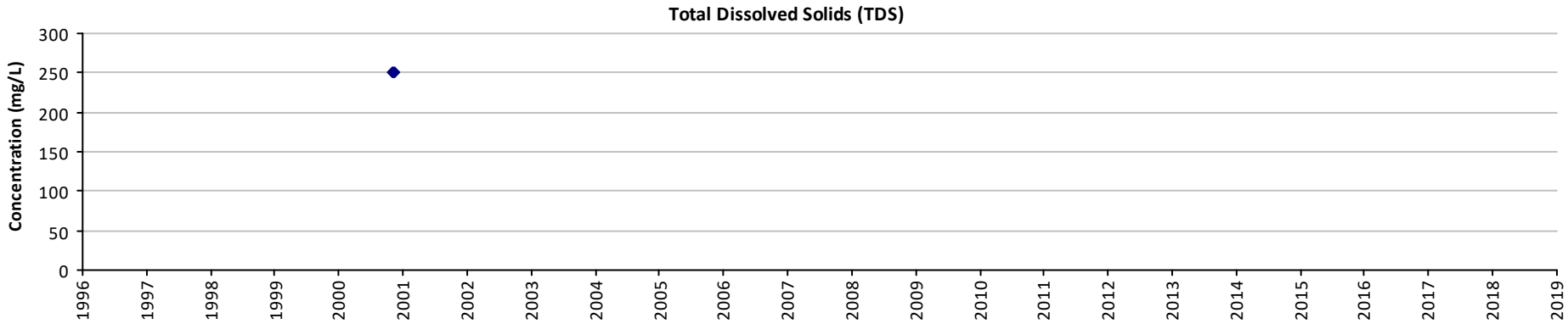

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

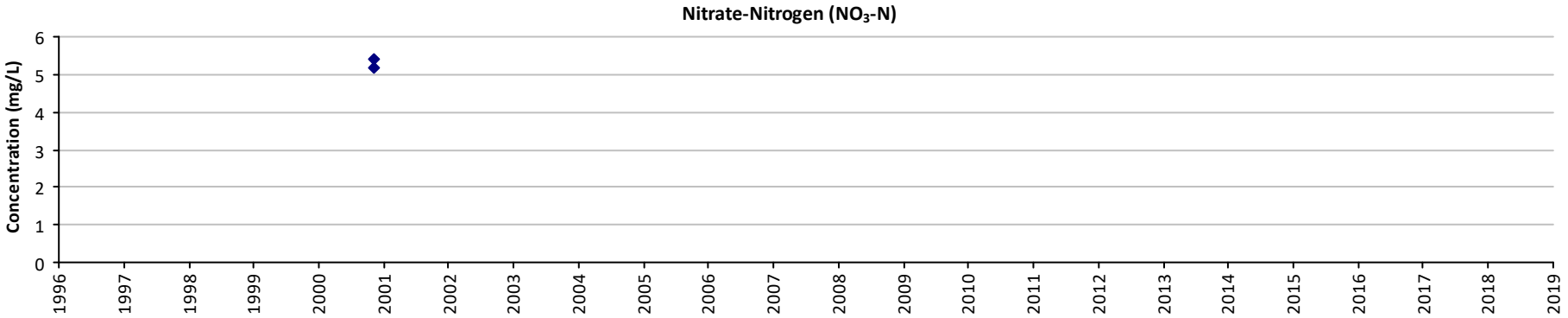

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

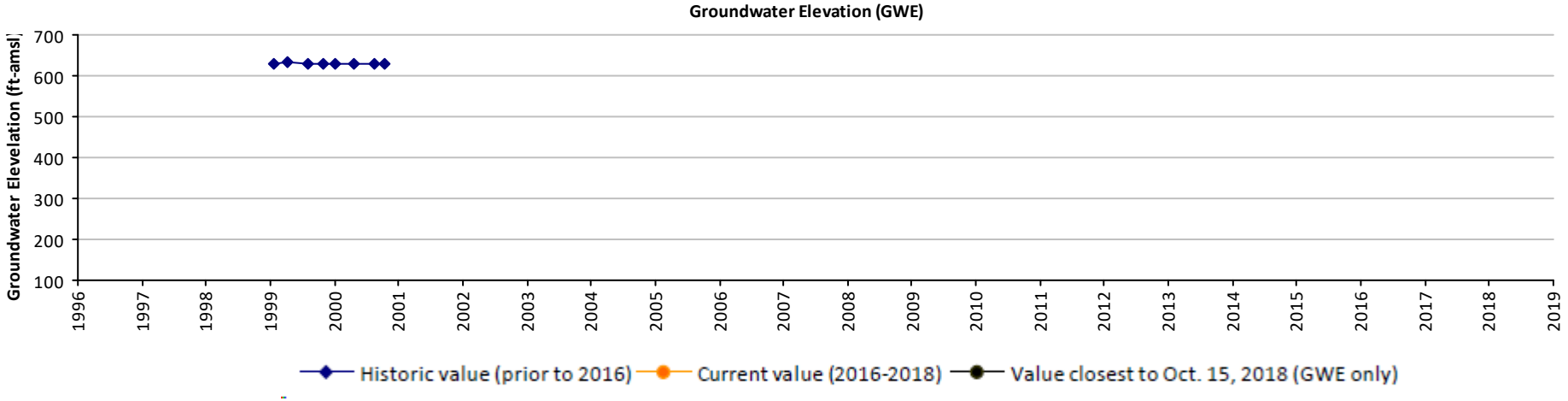

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

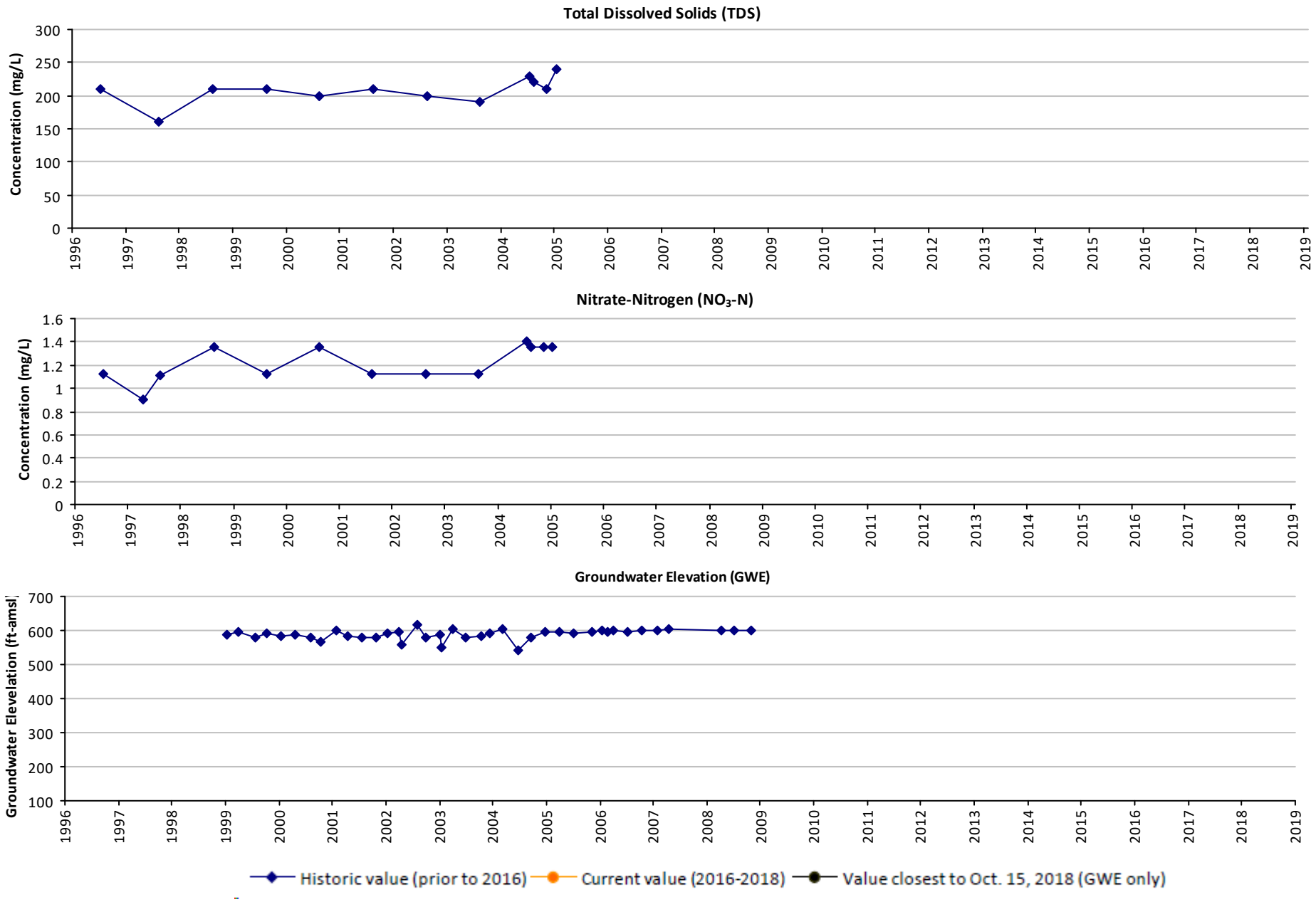

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

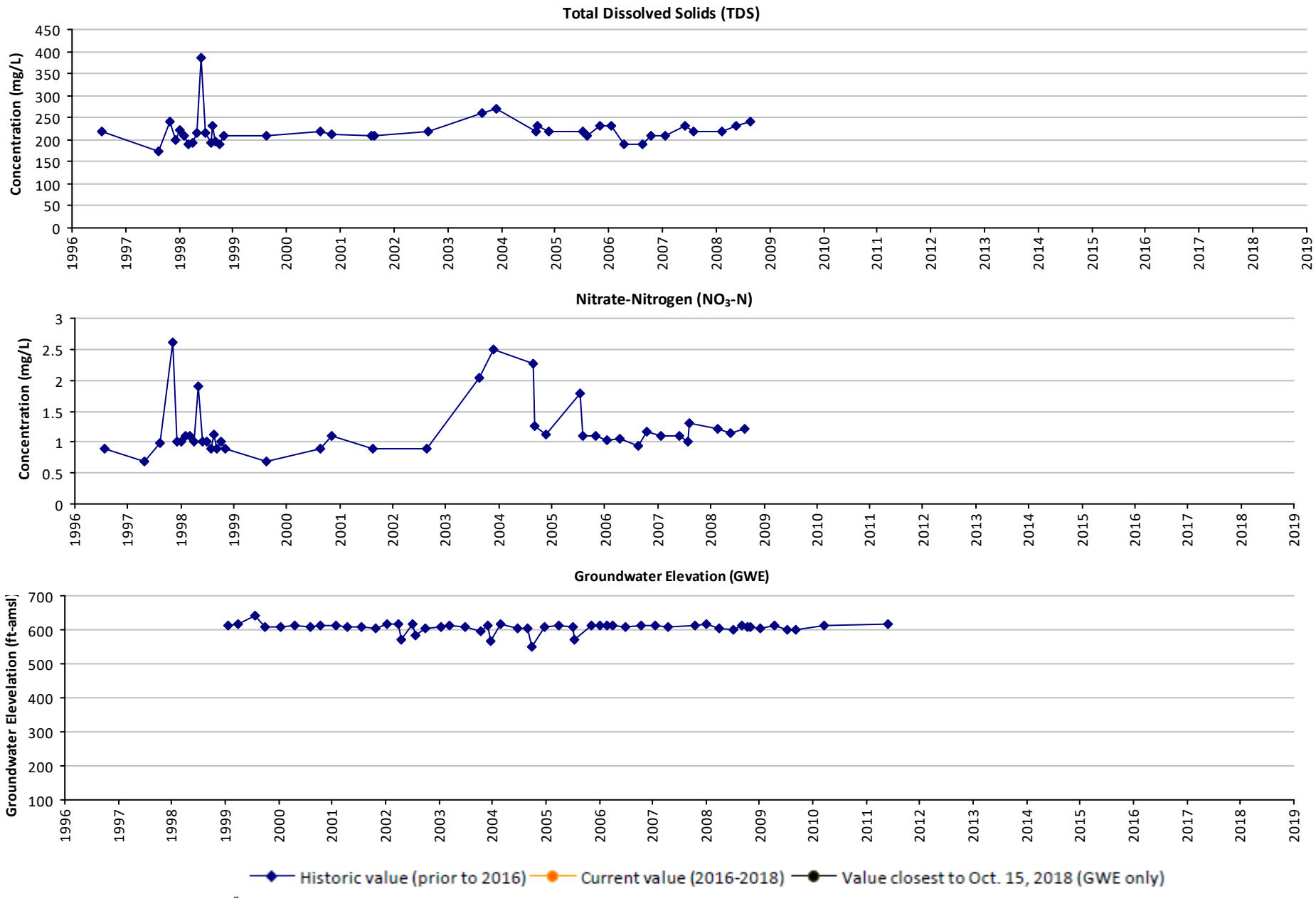

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

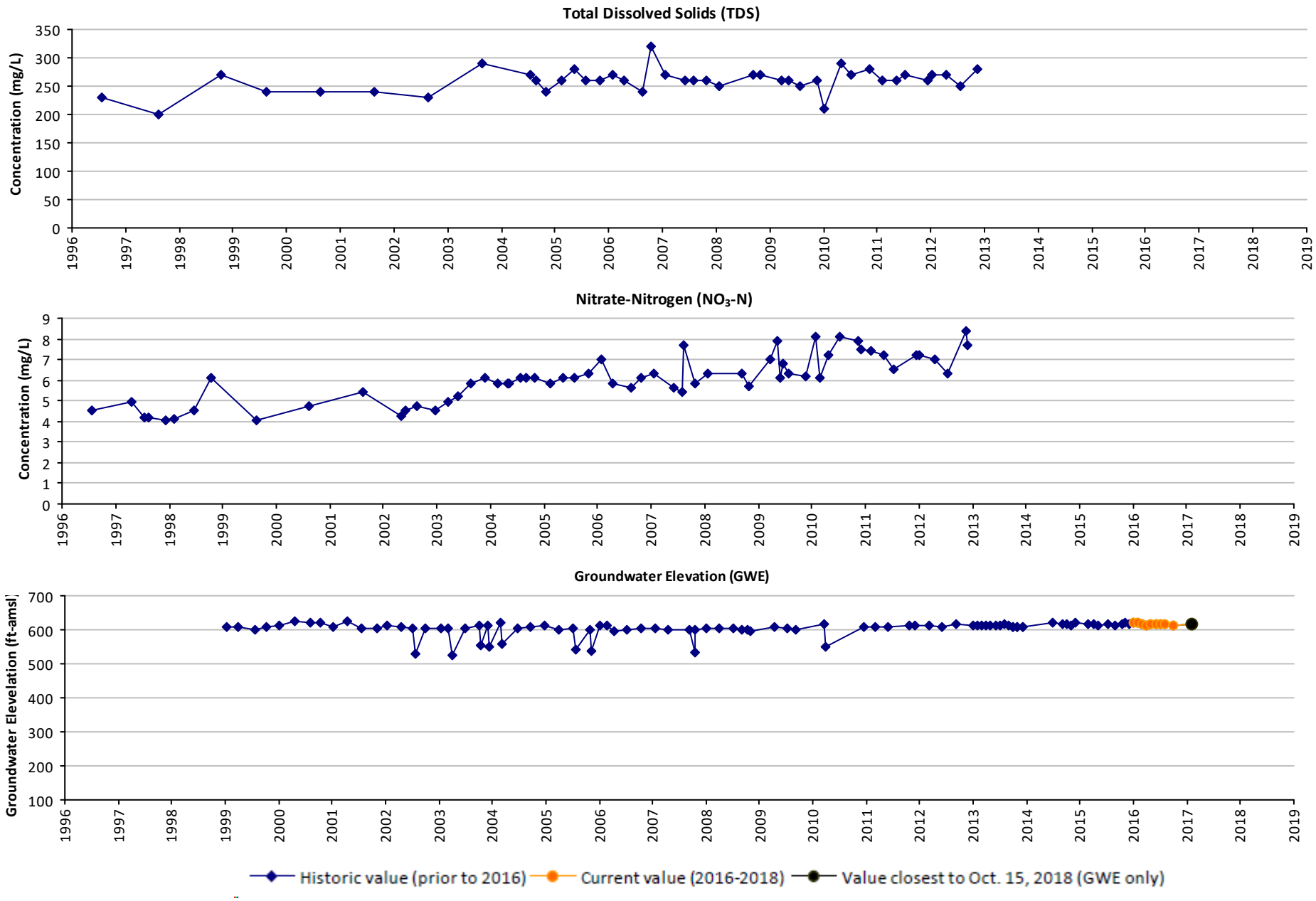

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

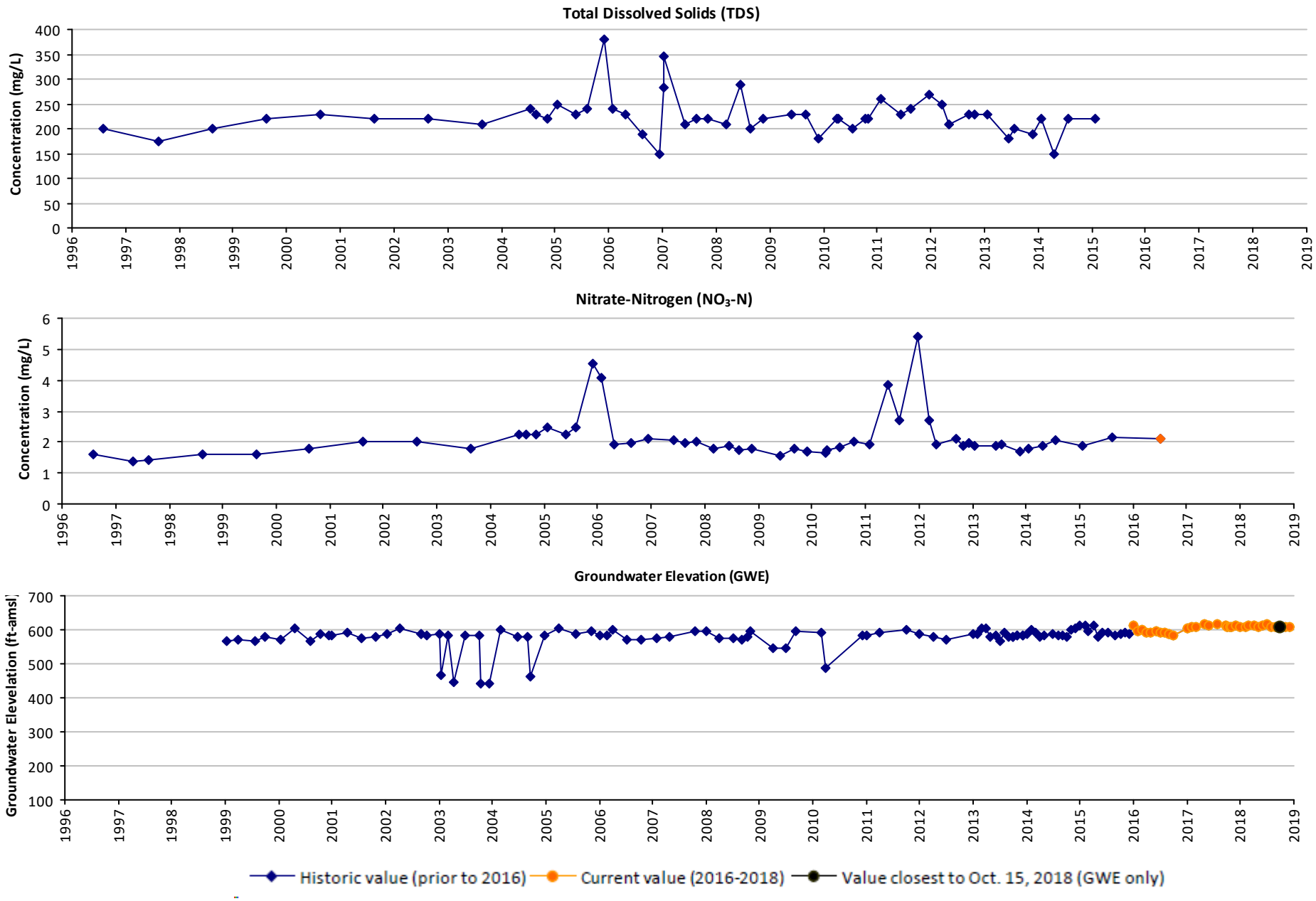

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

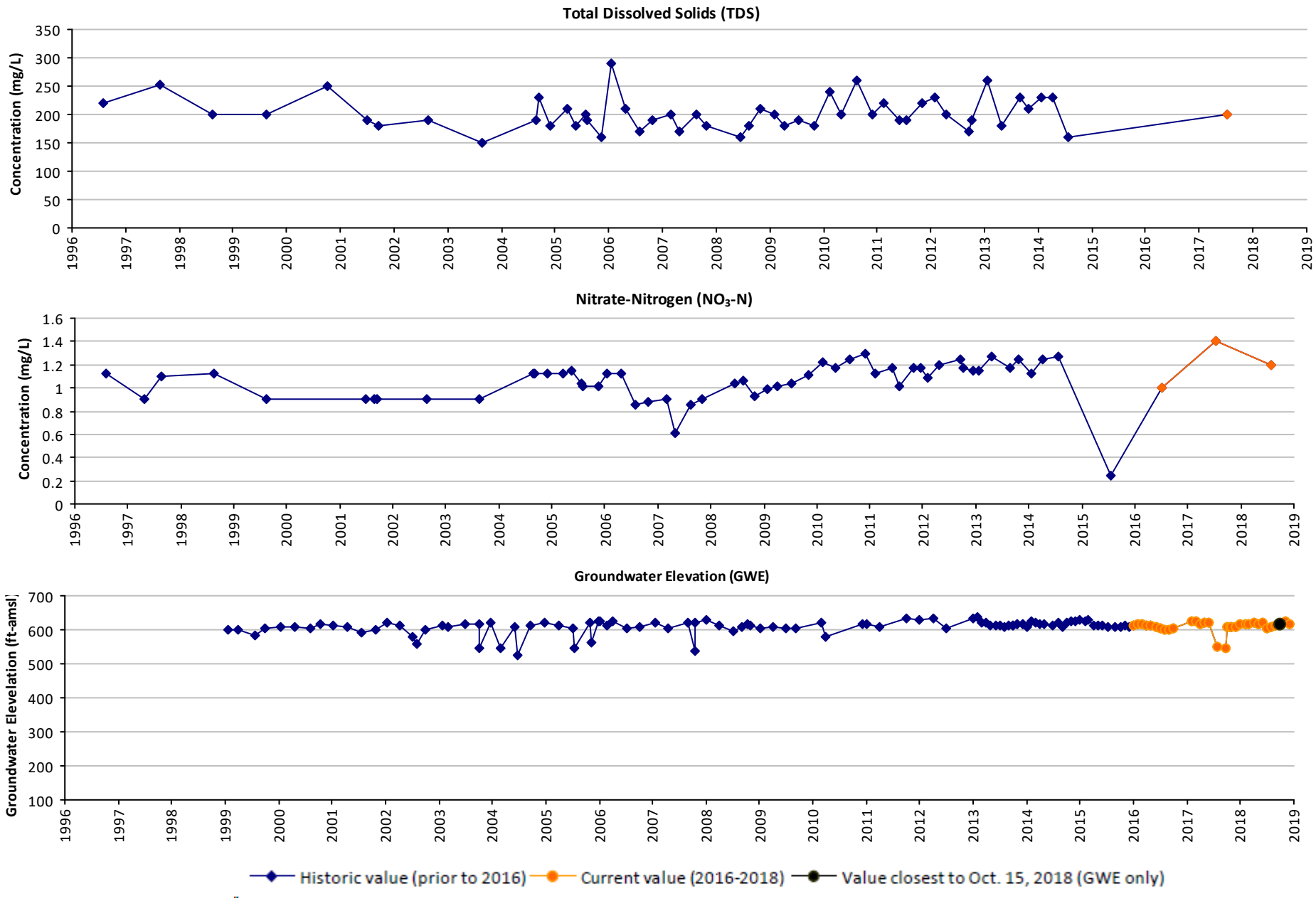

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

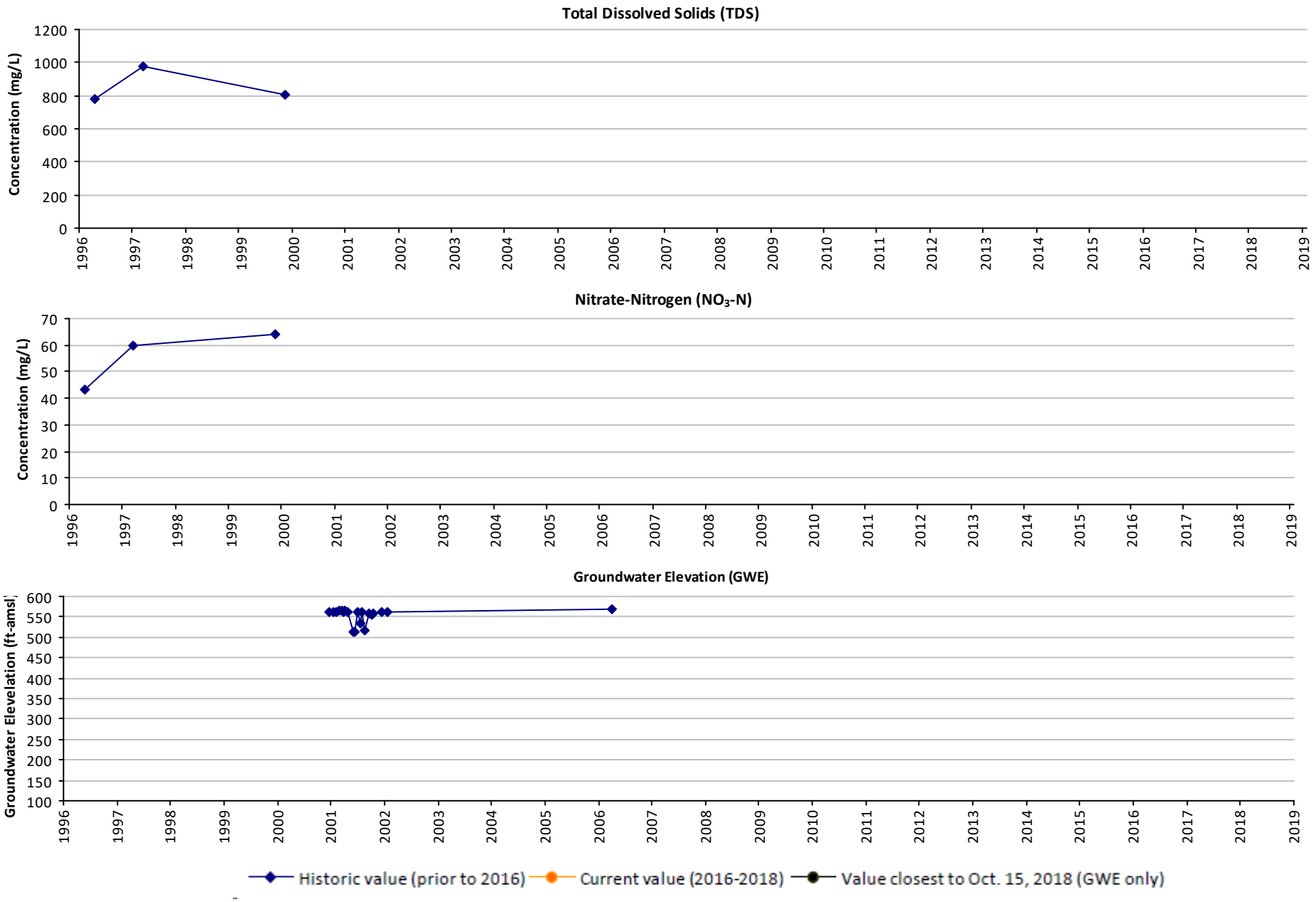

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

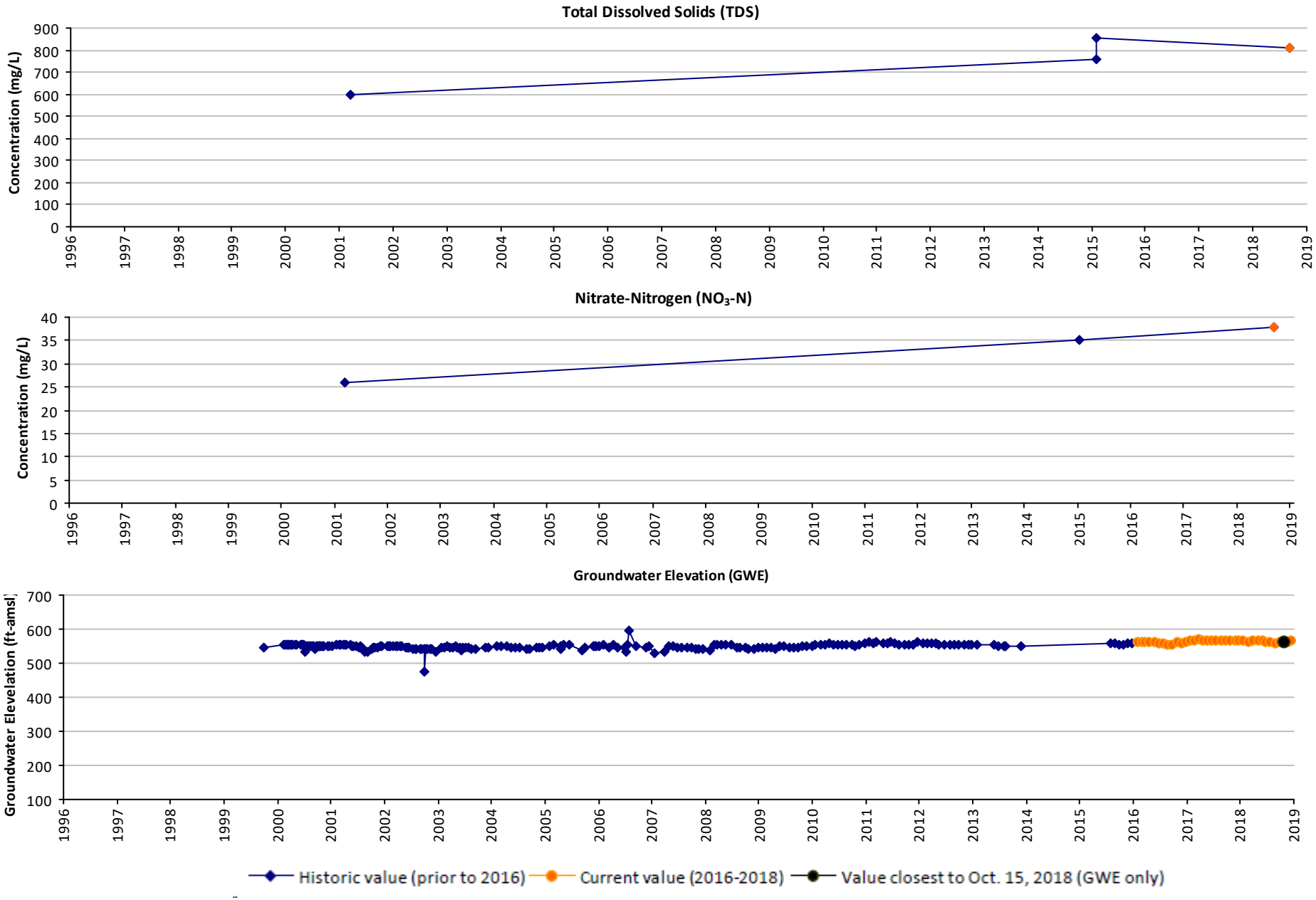

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

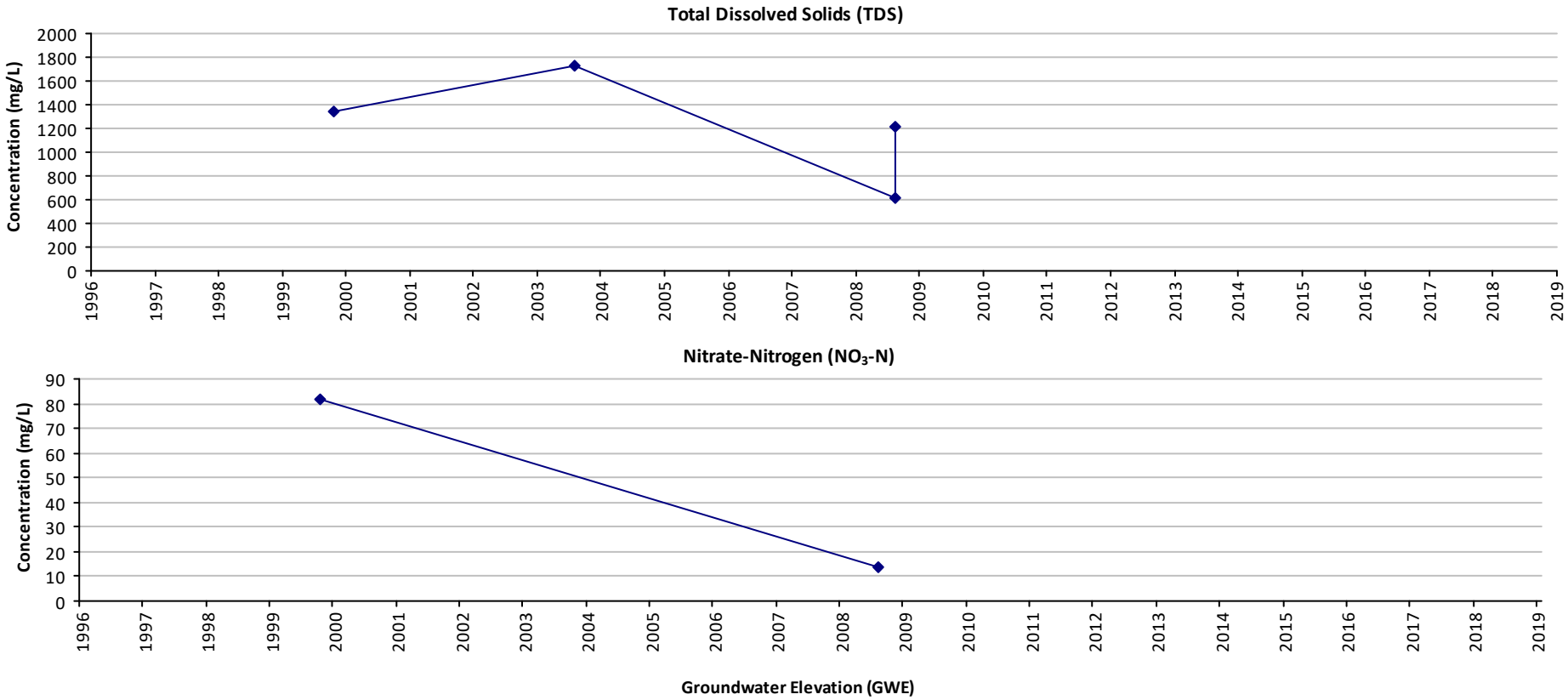

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

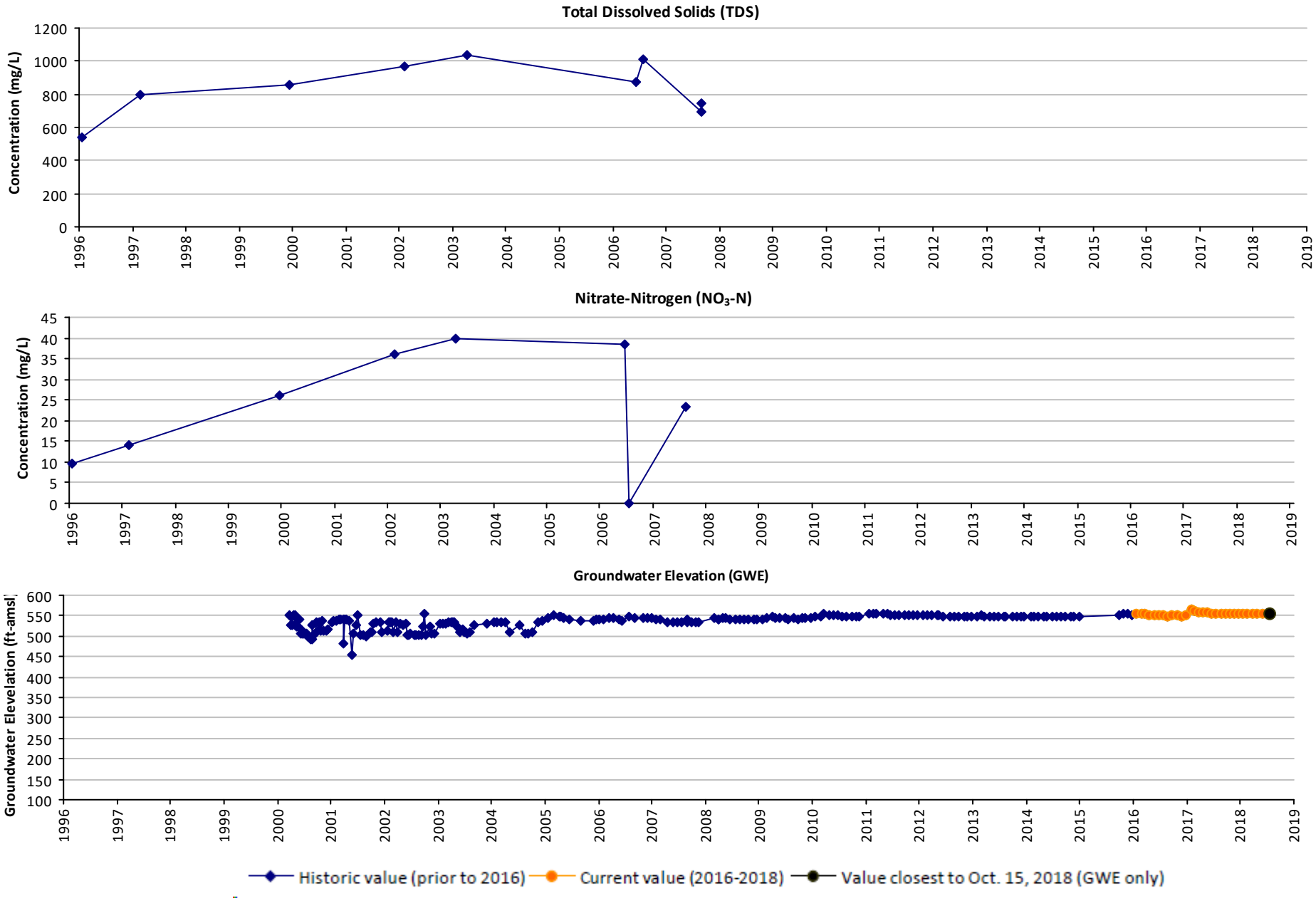

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

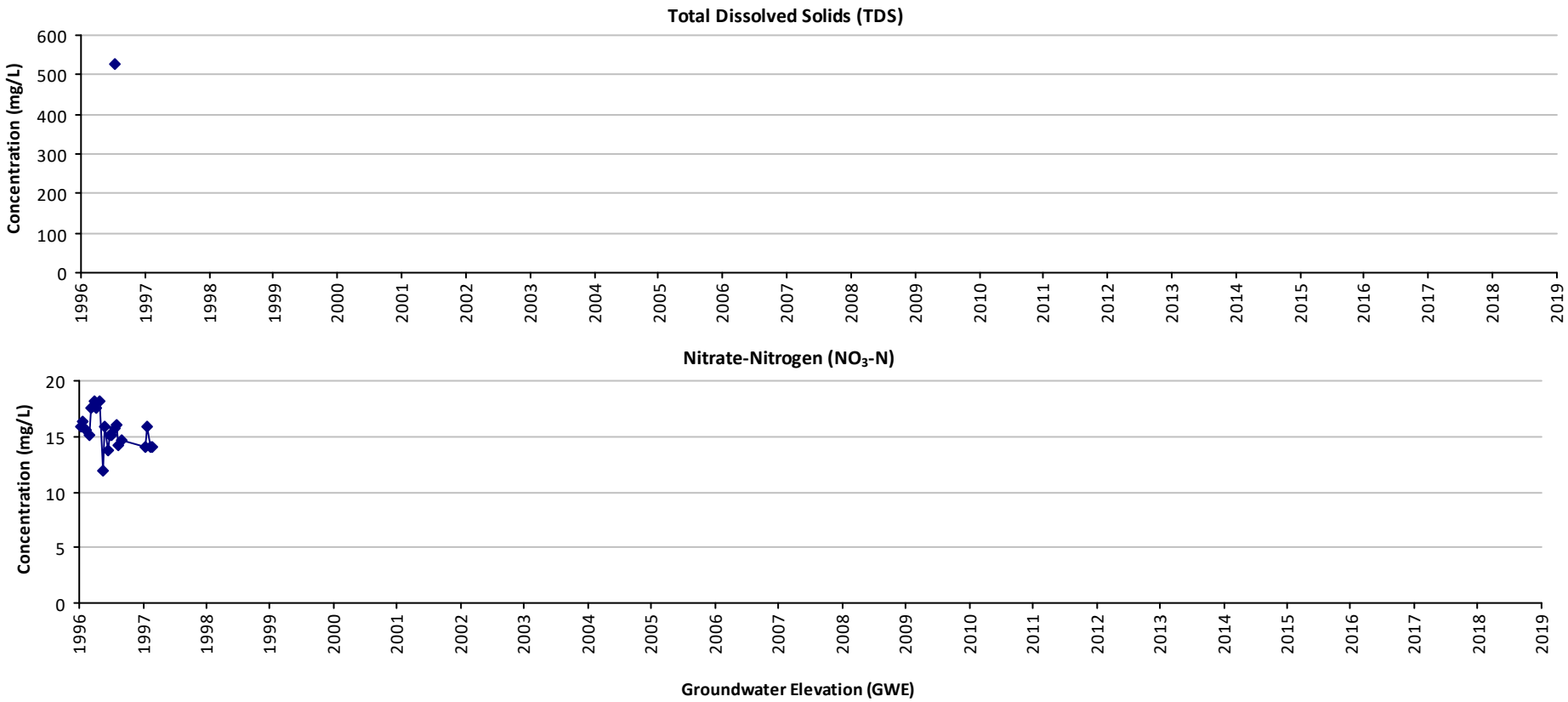

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

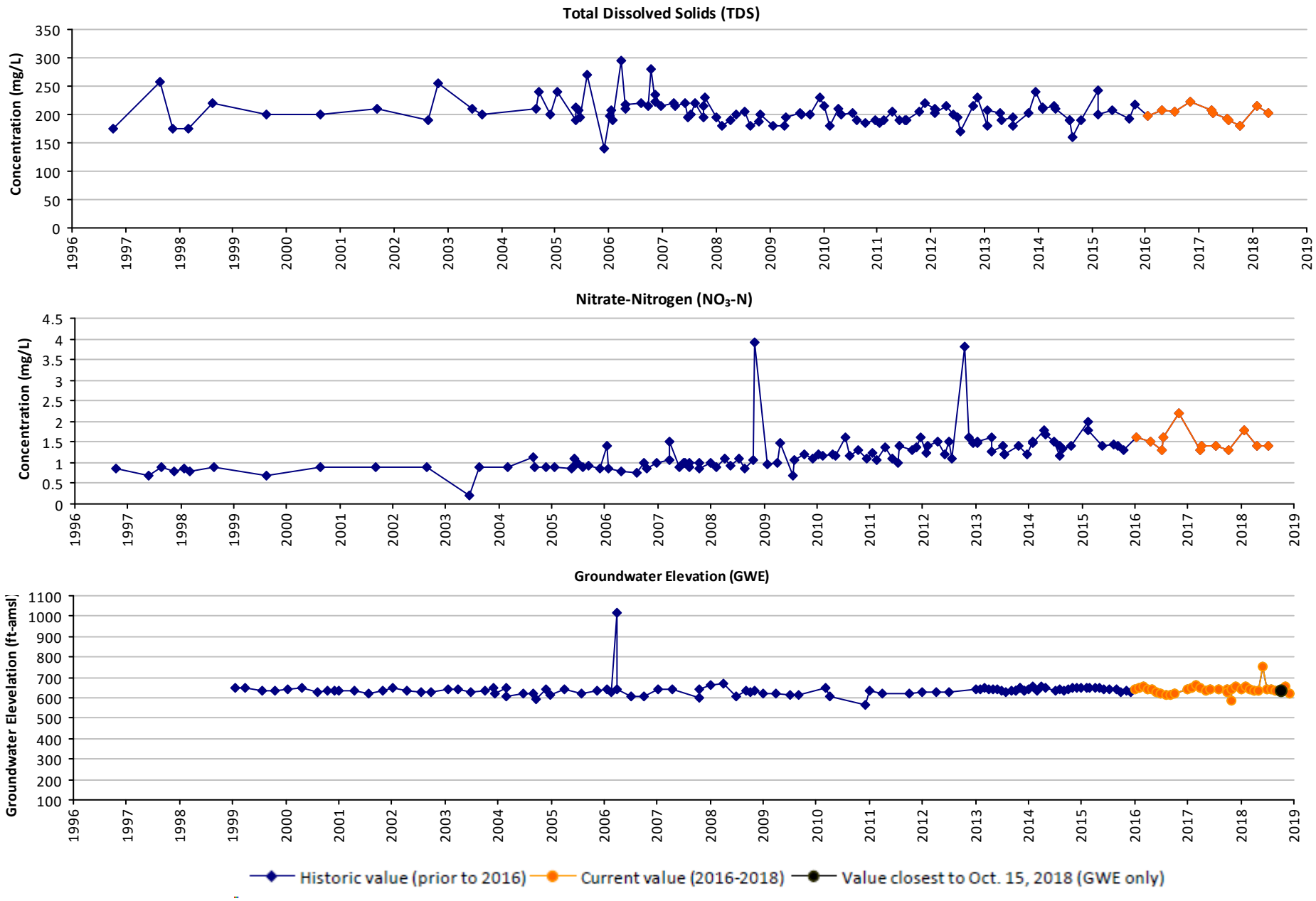

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

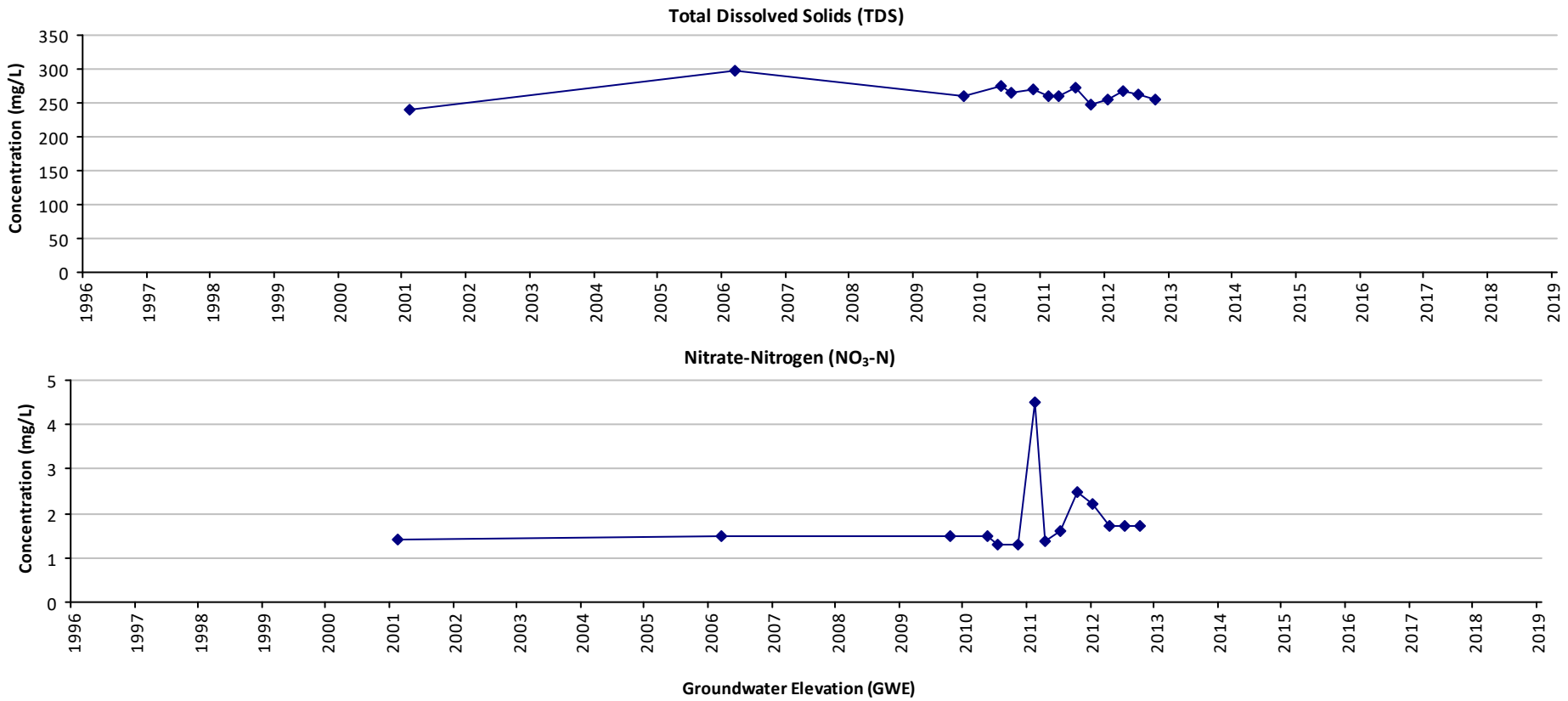
Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
80
70
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

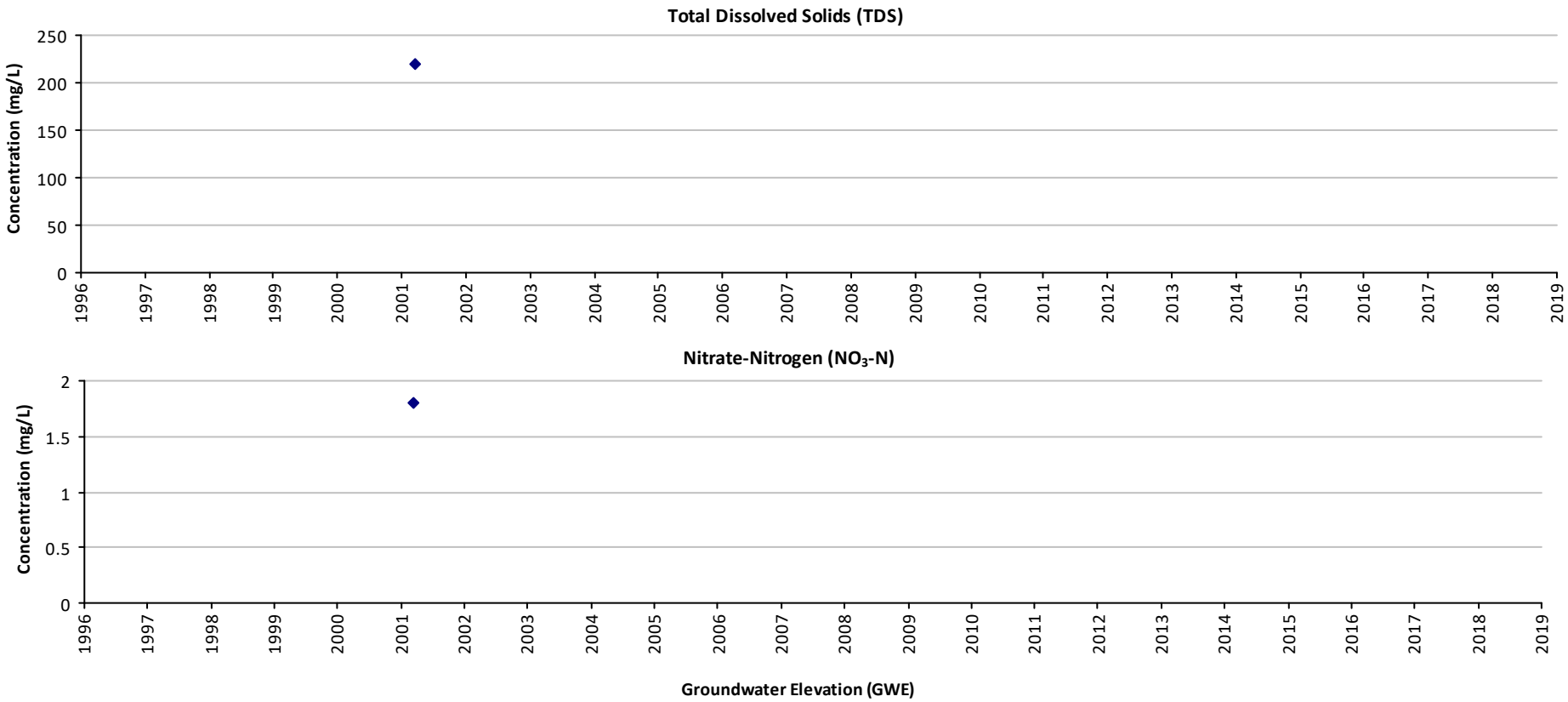

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
90
80
70
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

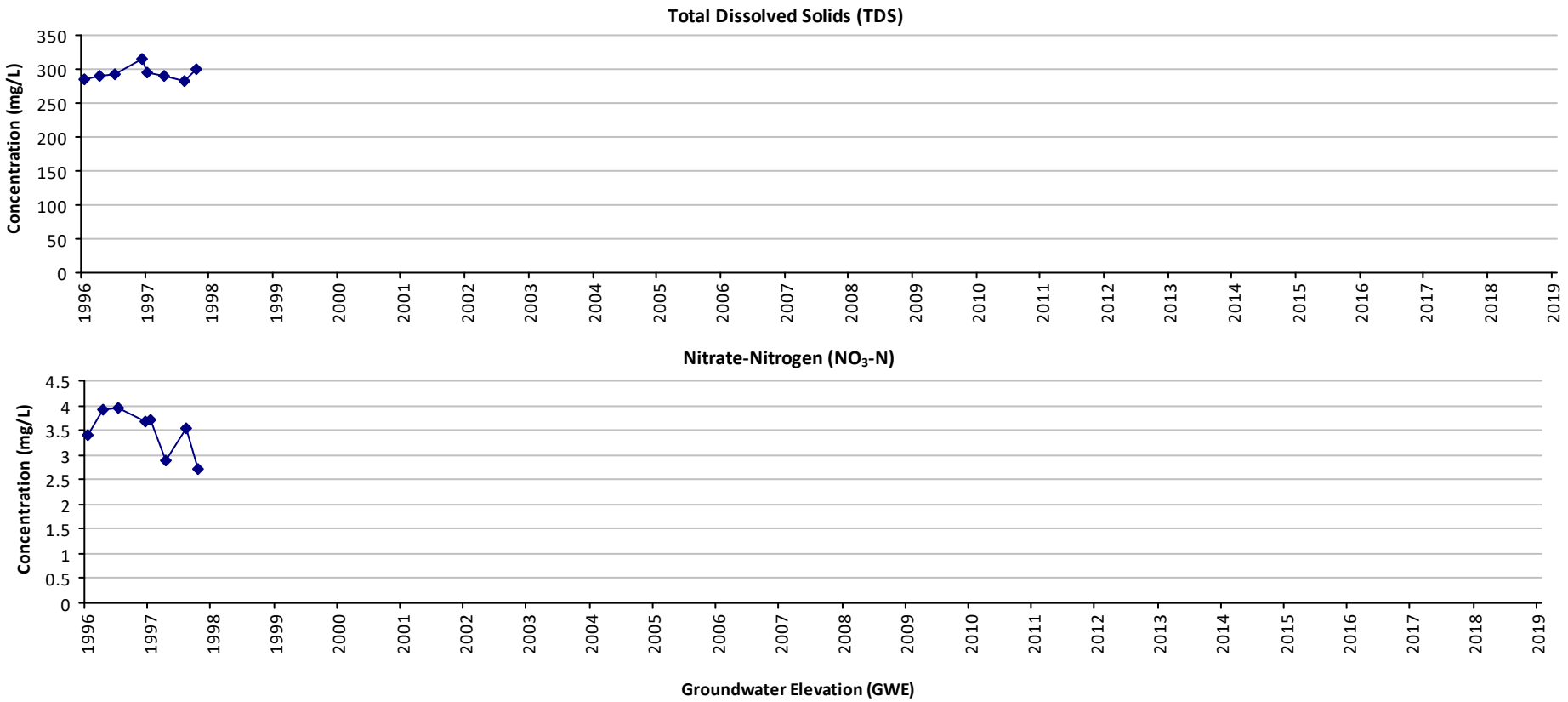

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

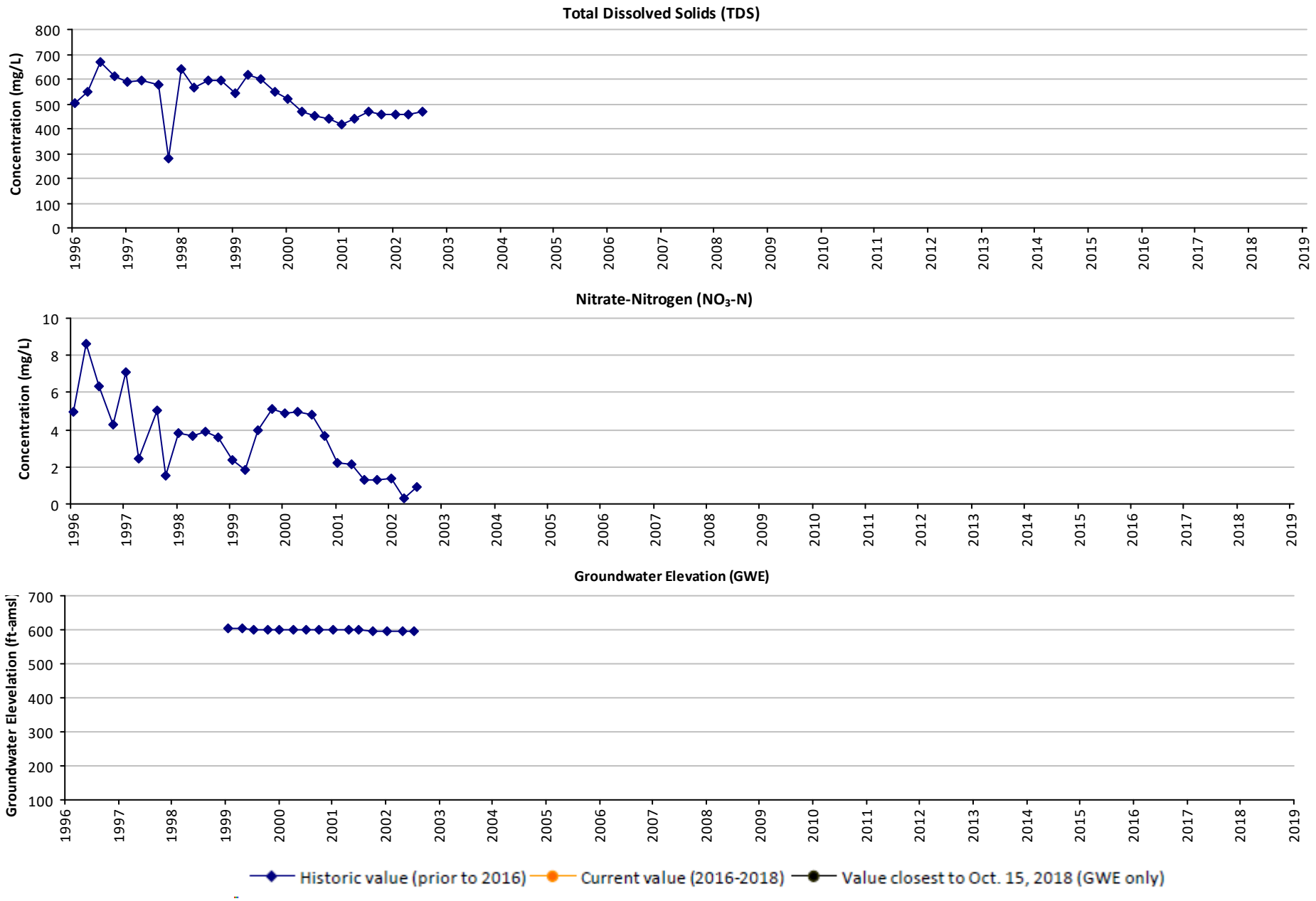

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

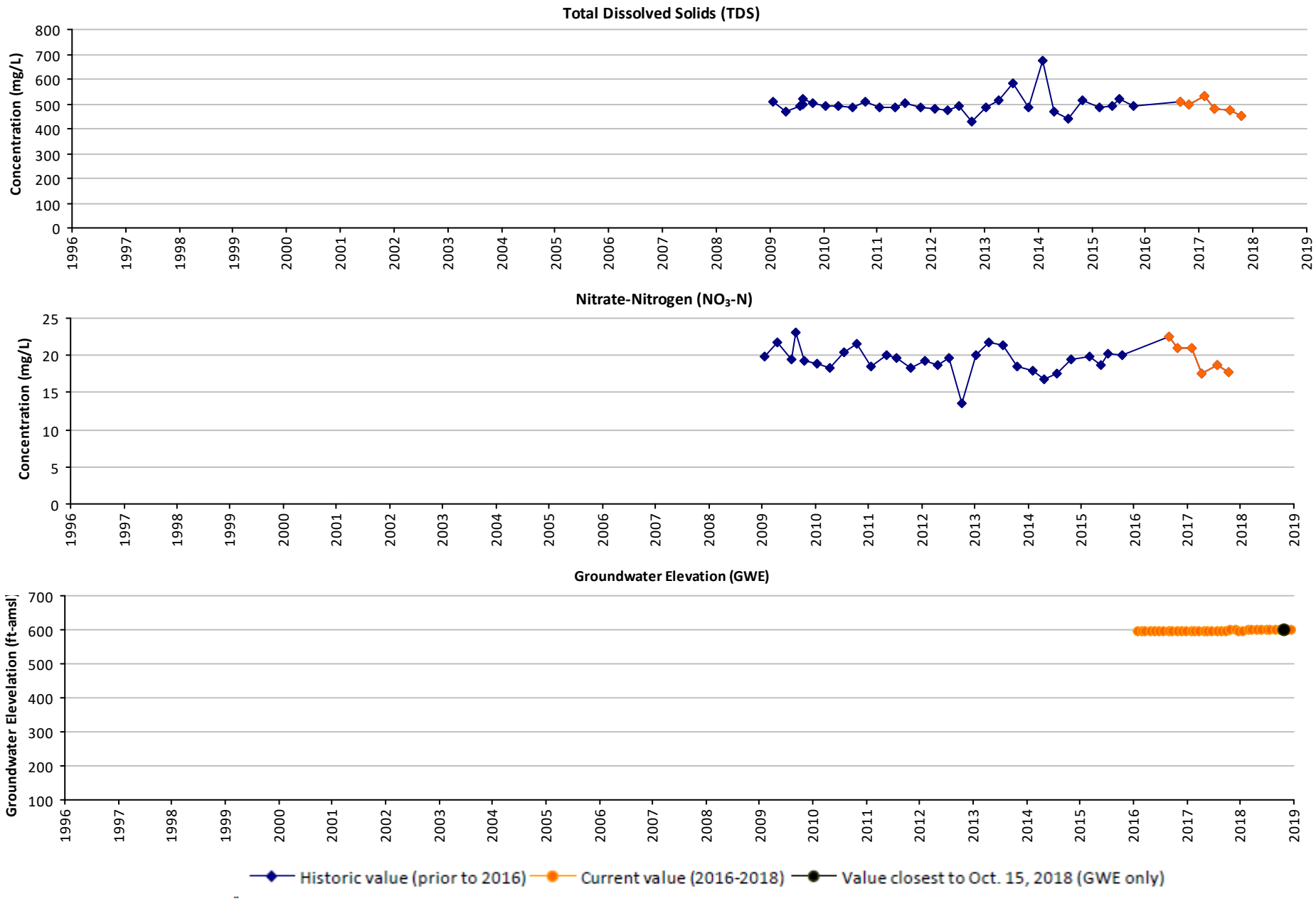

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

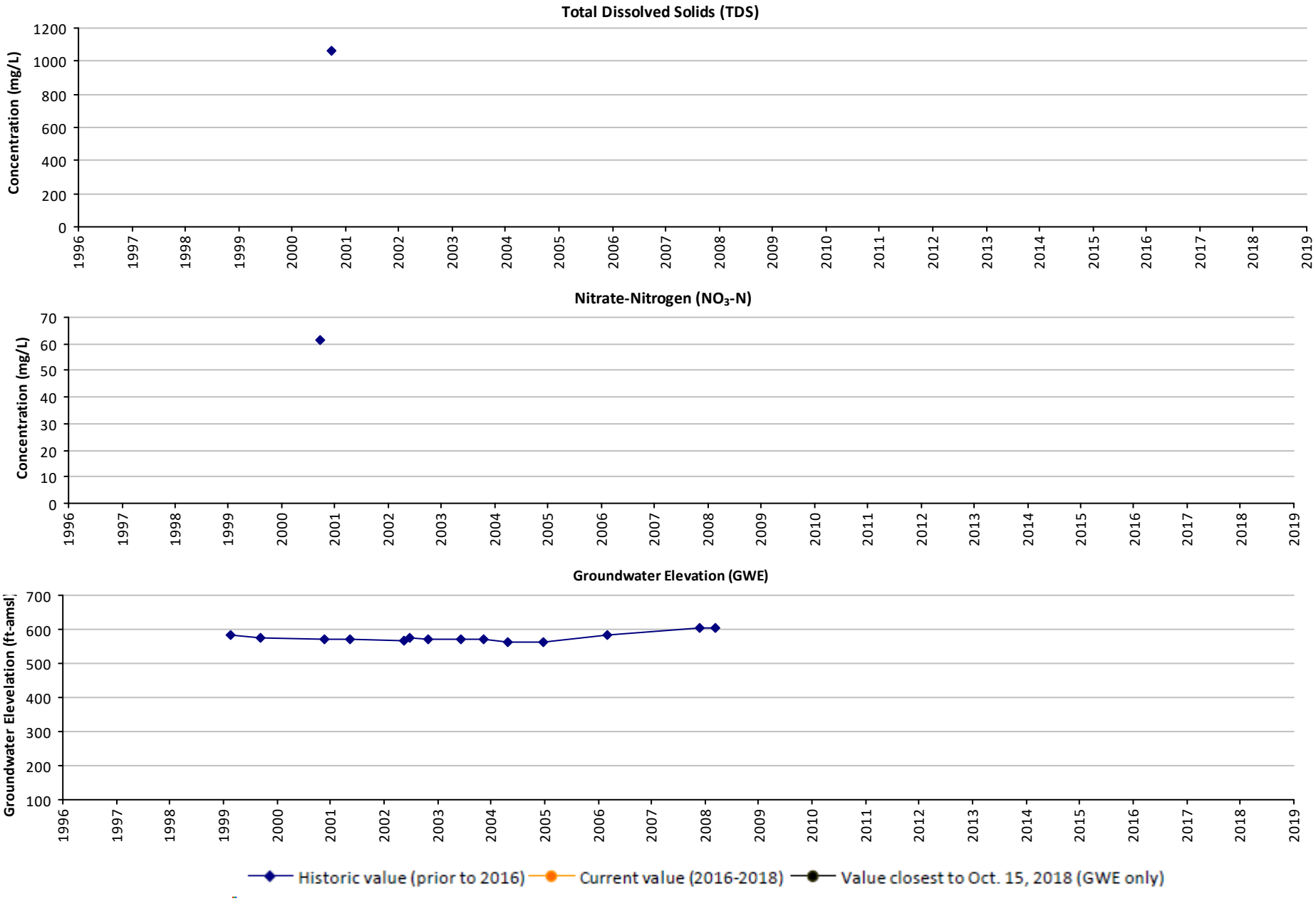

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

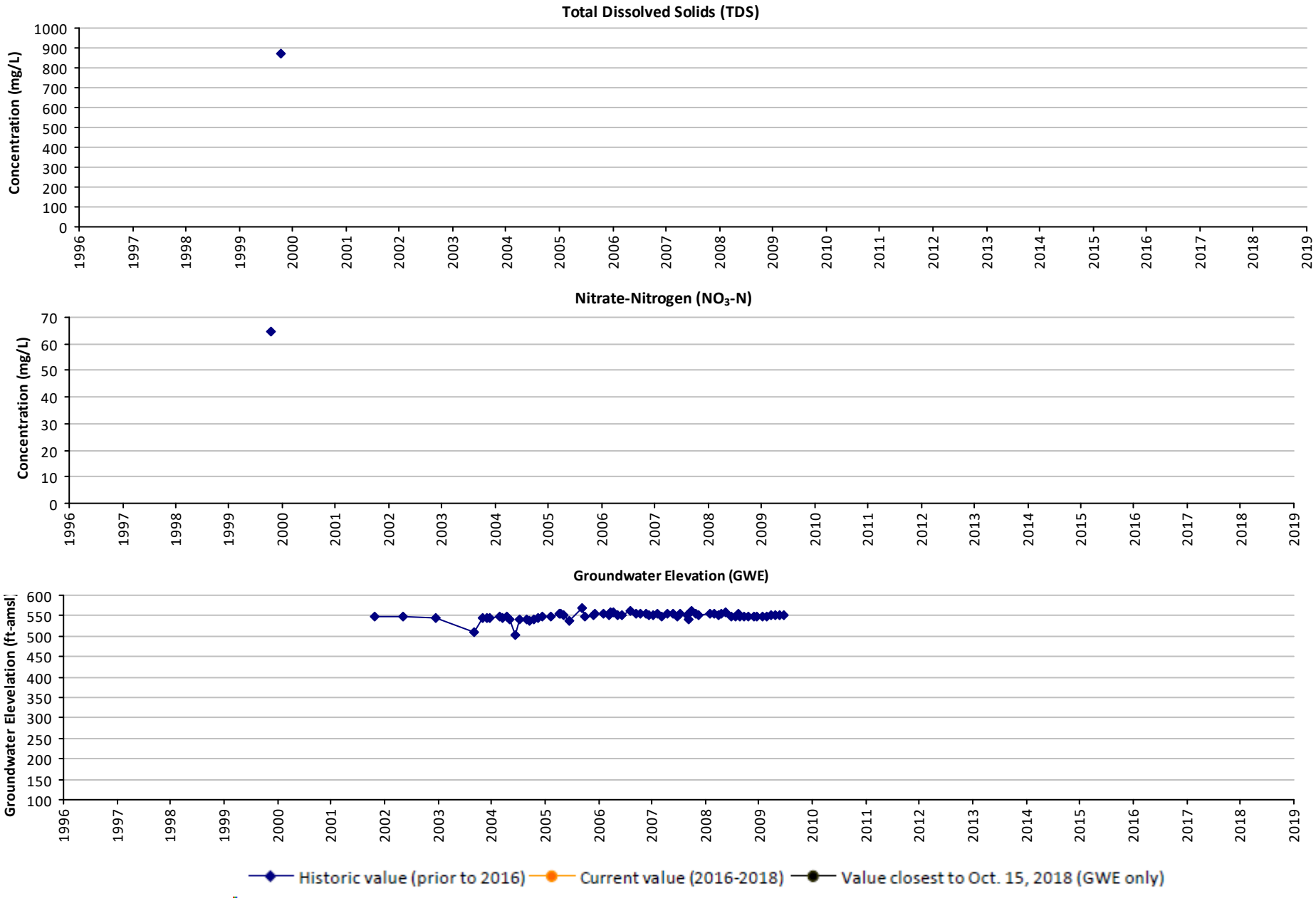

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

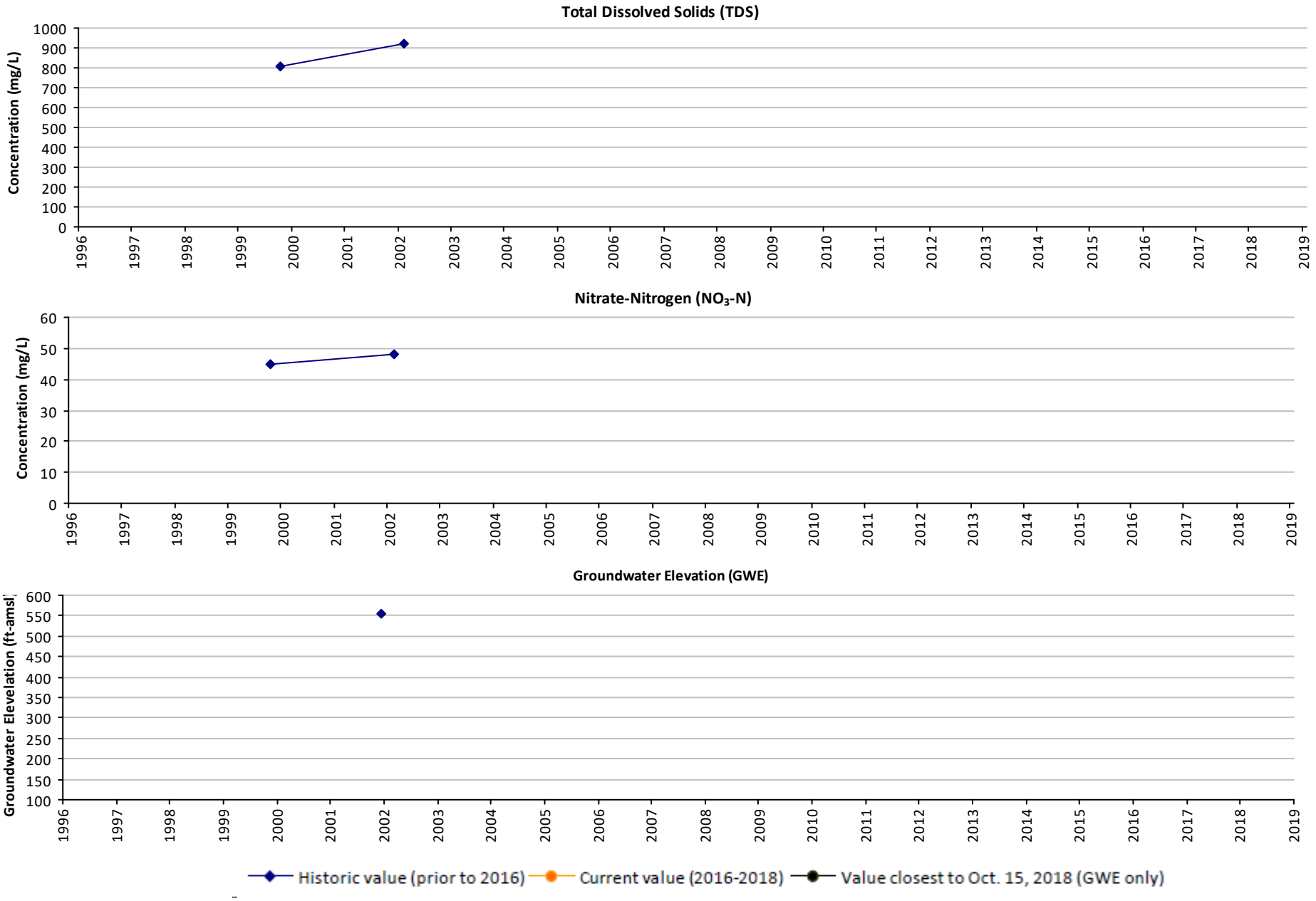

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

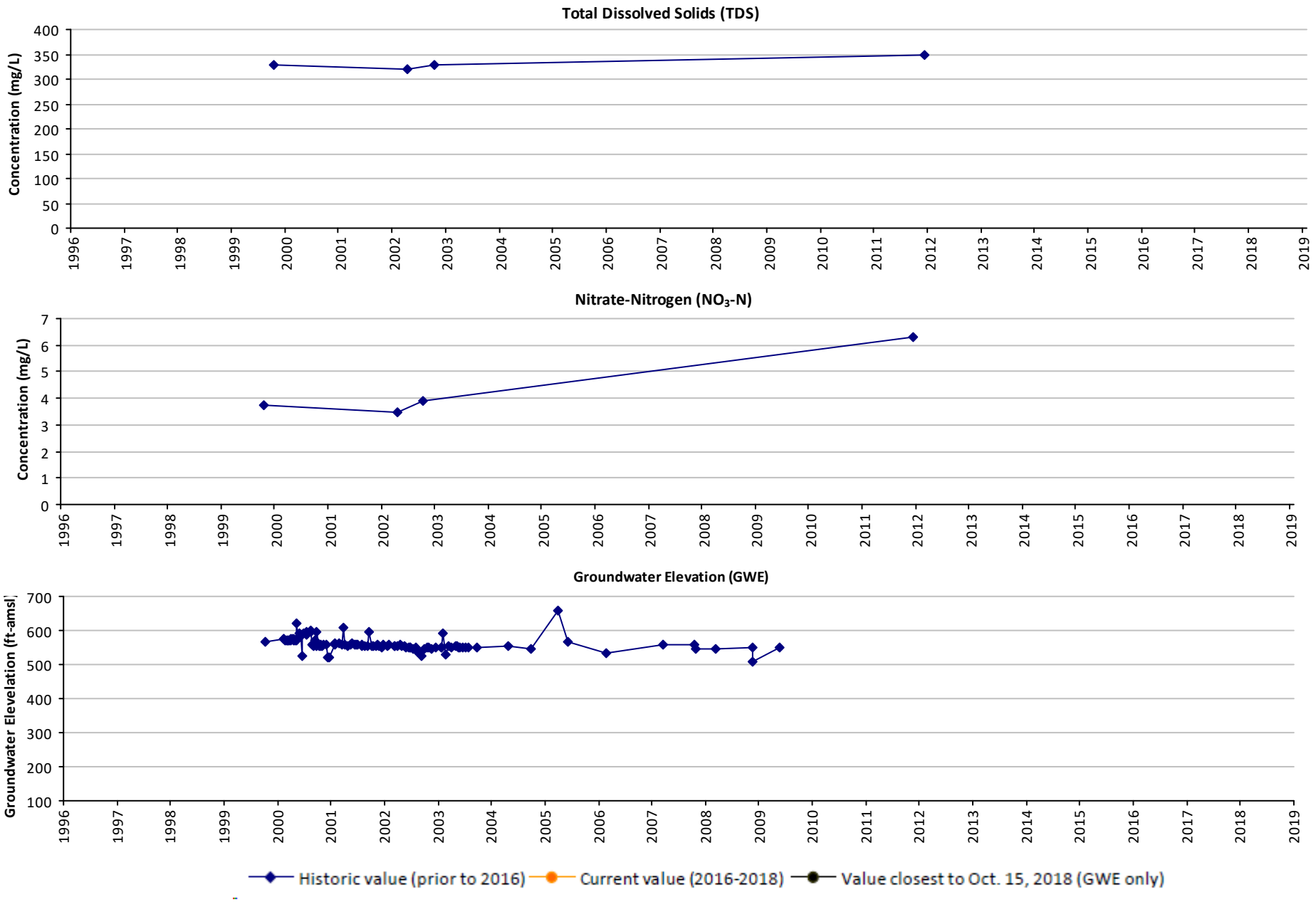

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

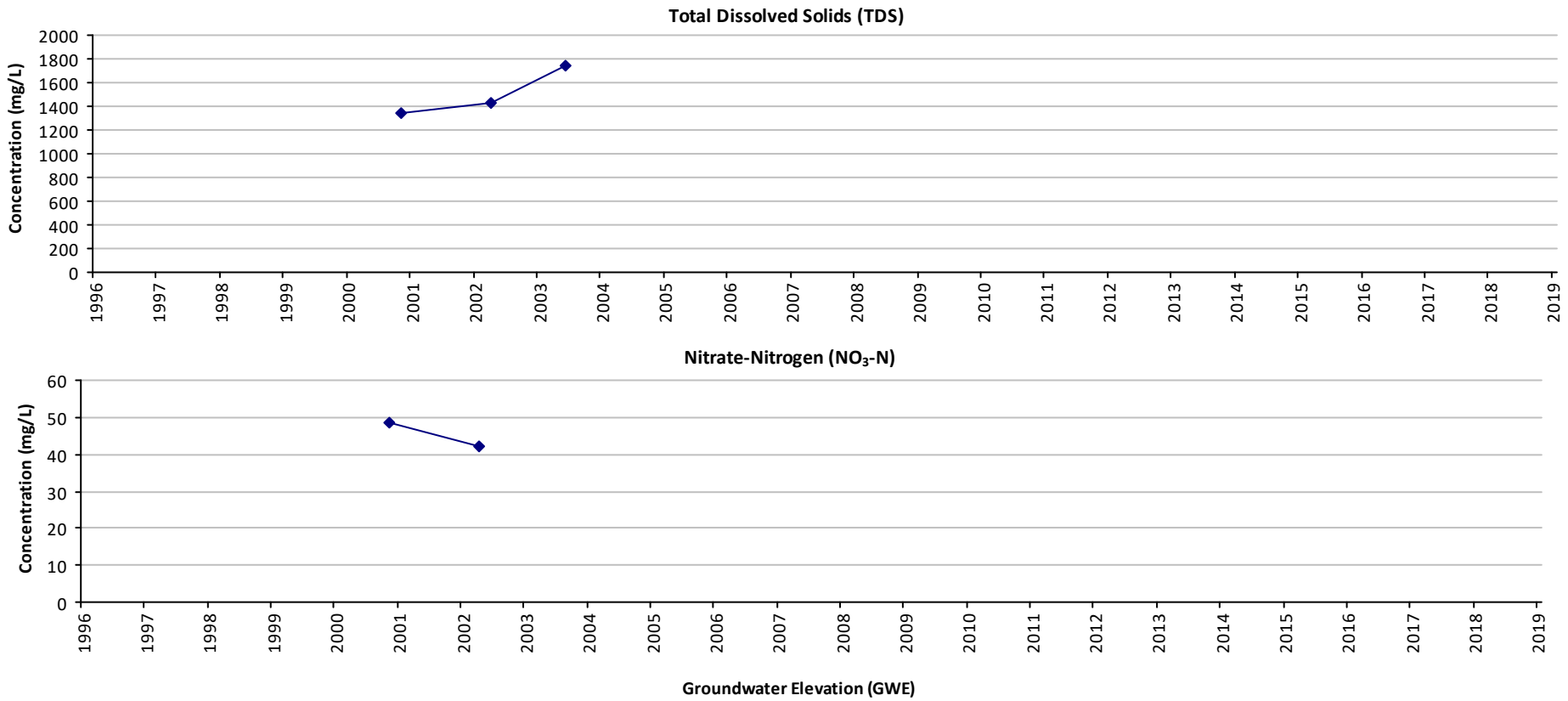

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

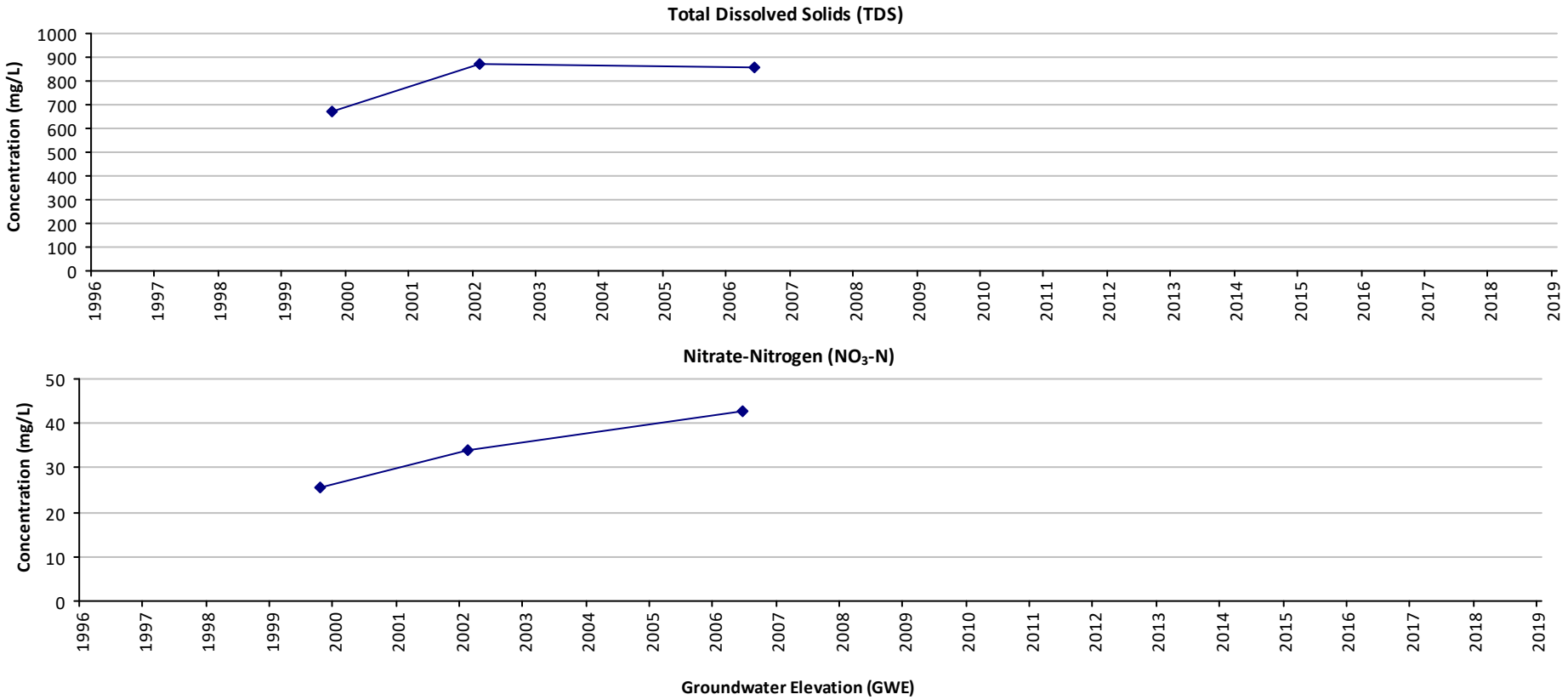

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

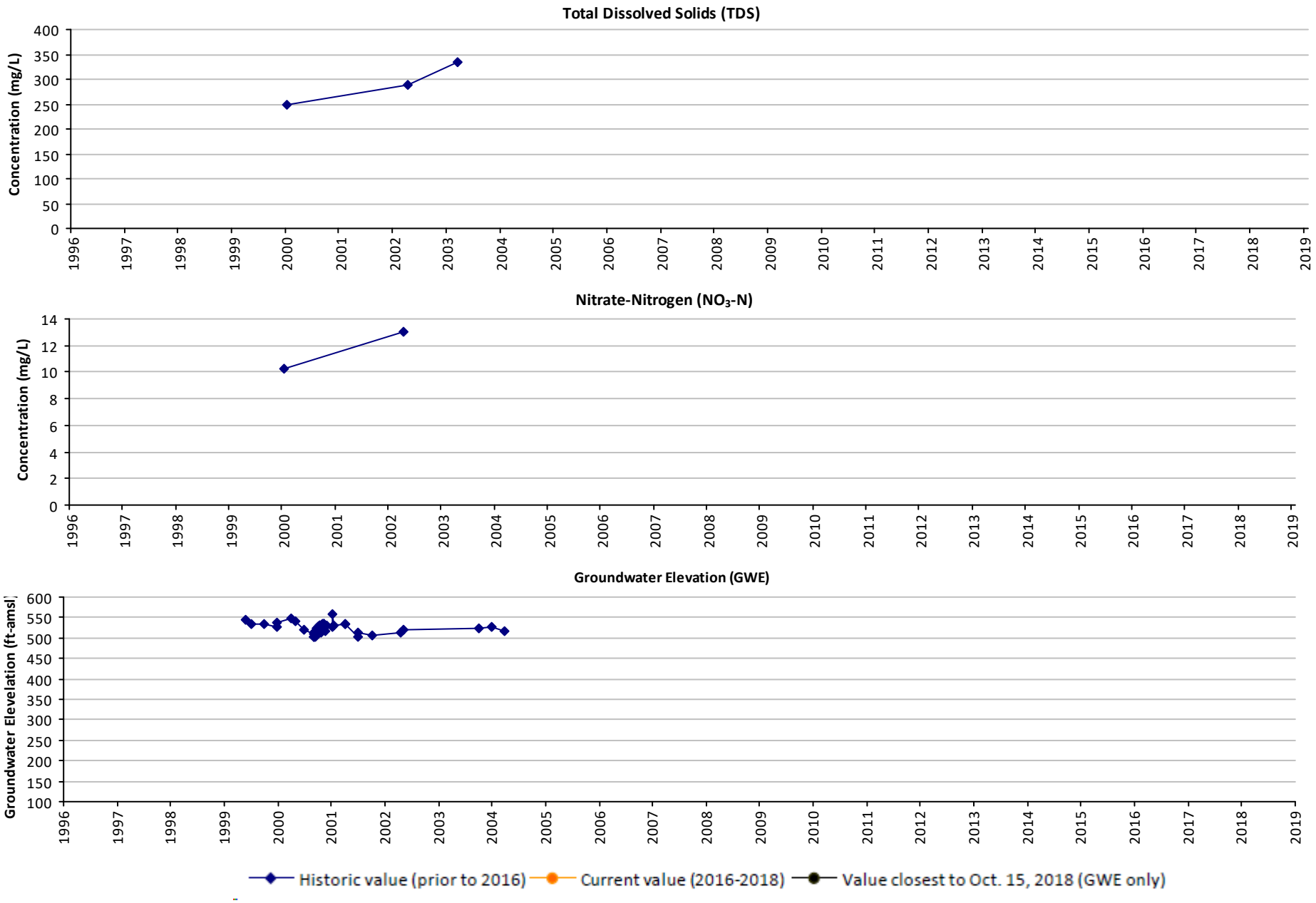

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

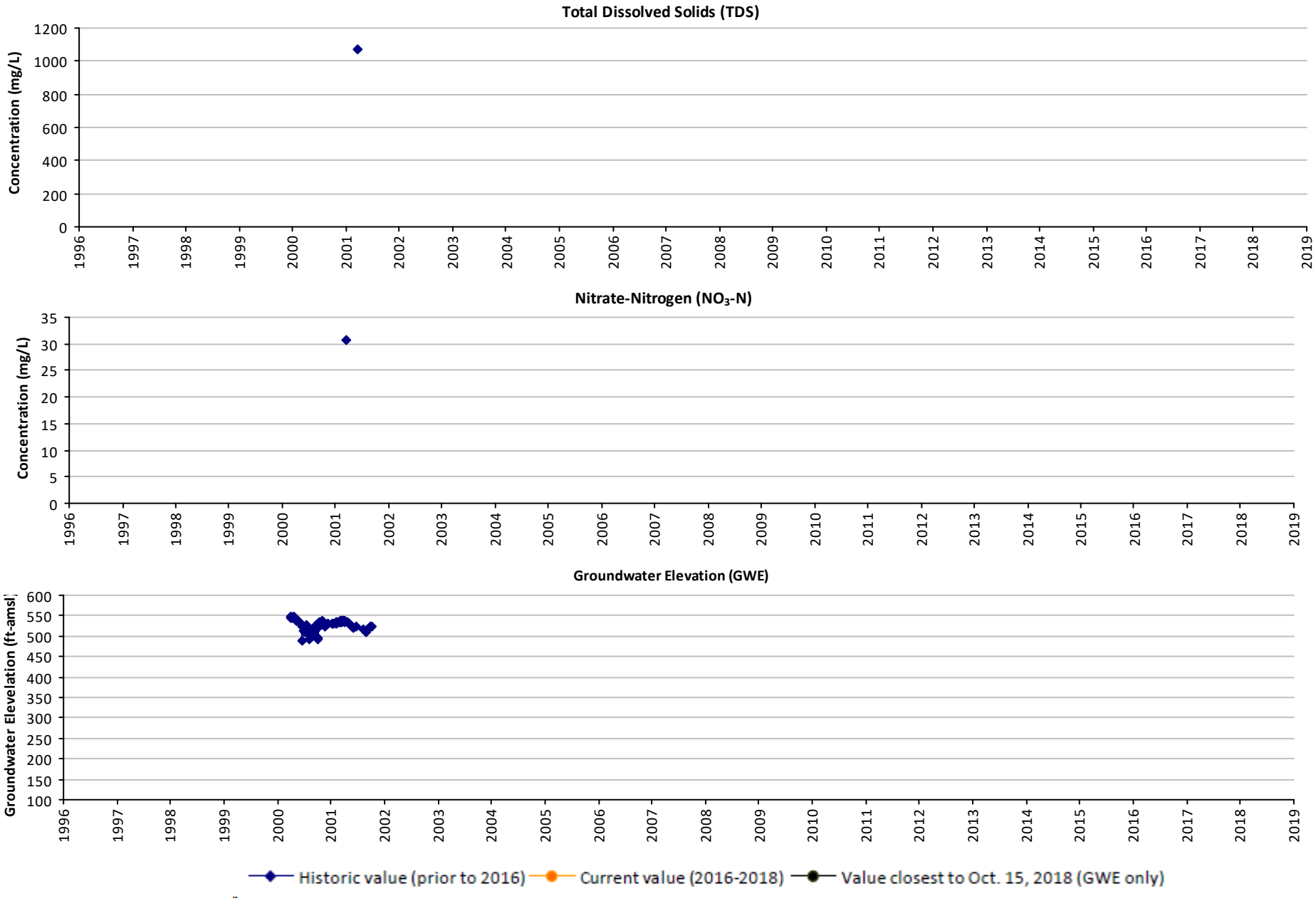

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

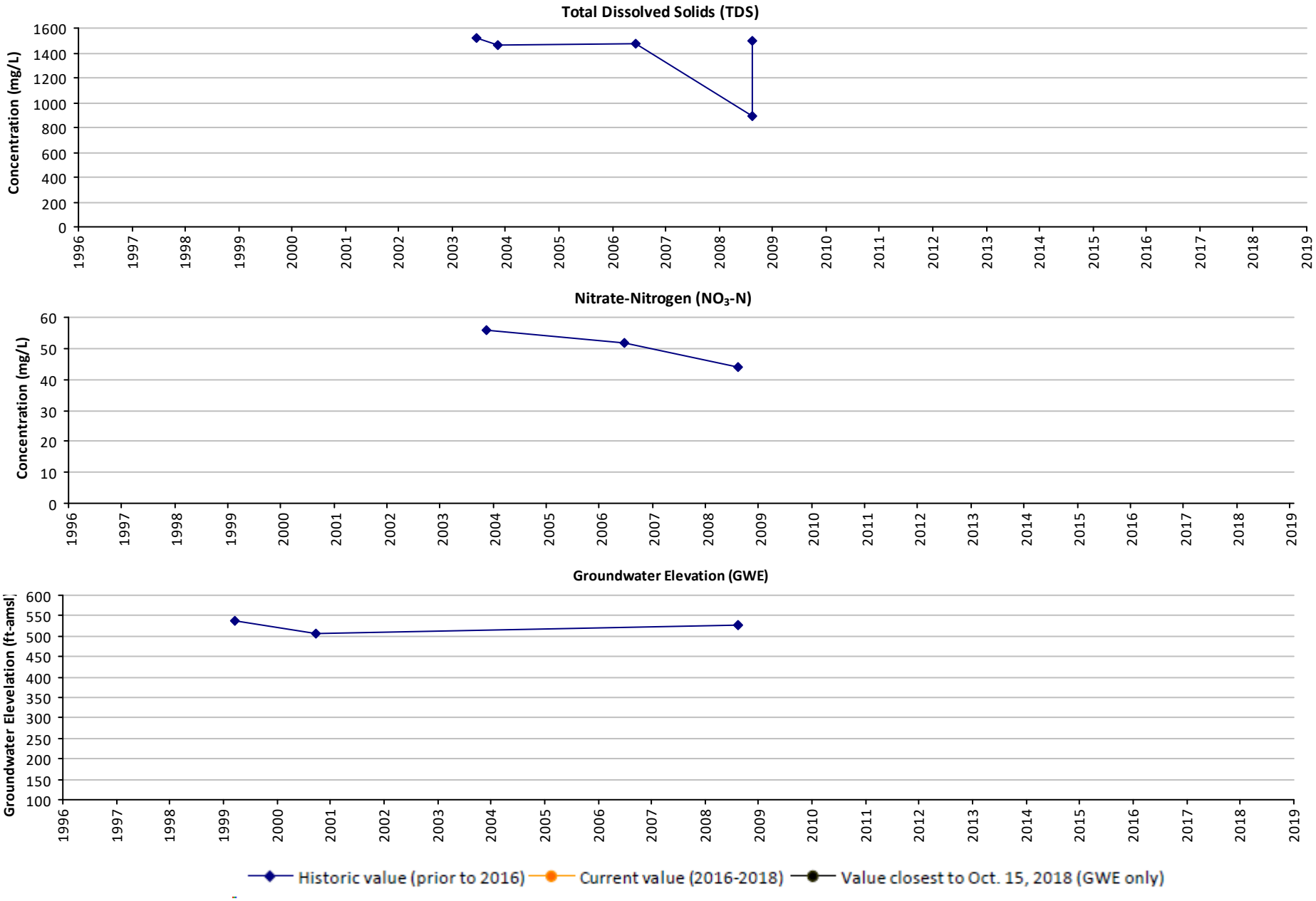

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

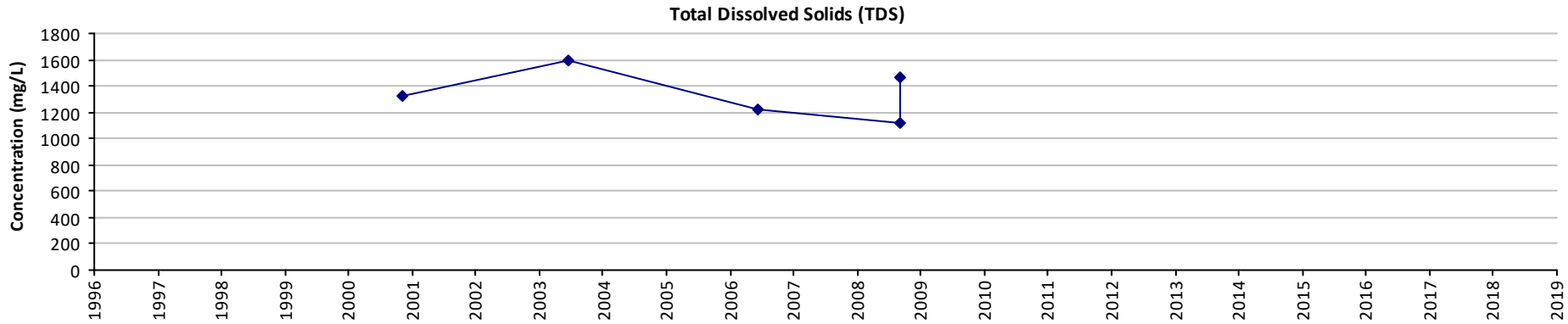

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

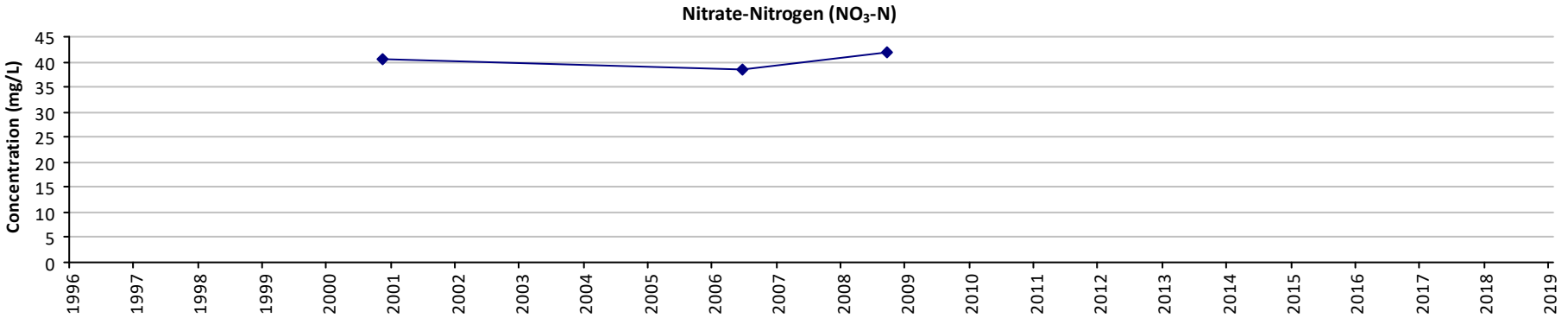

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
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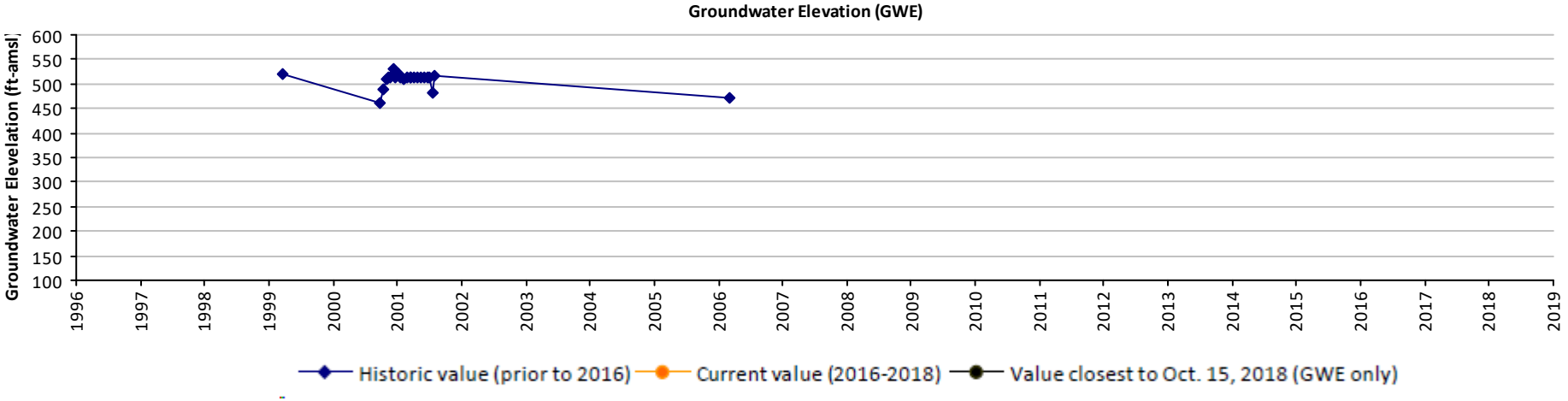
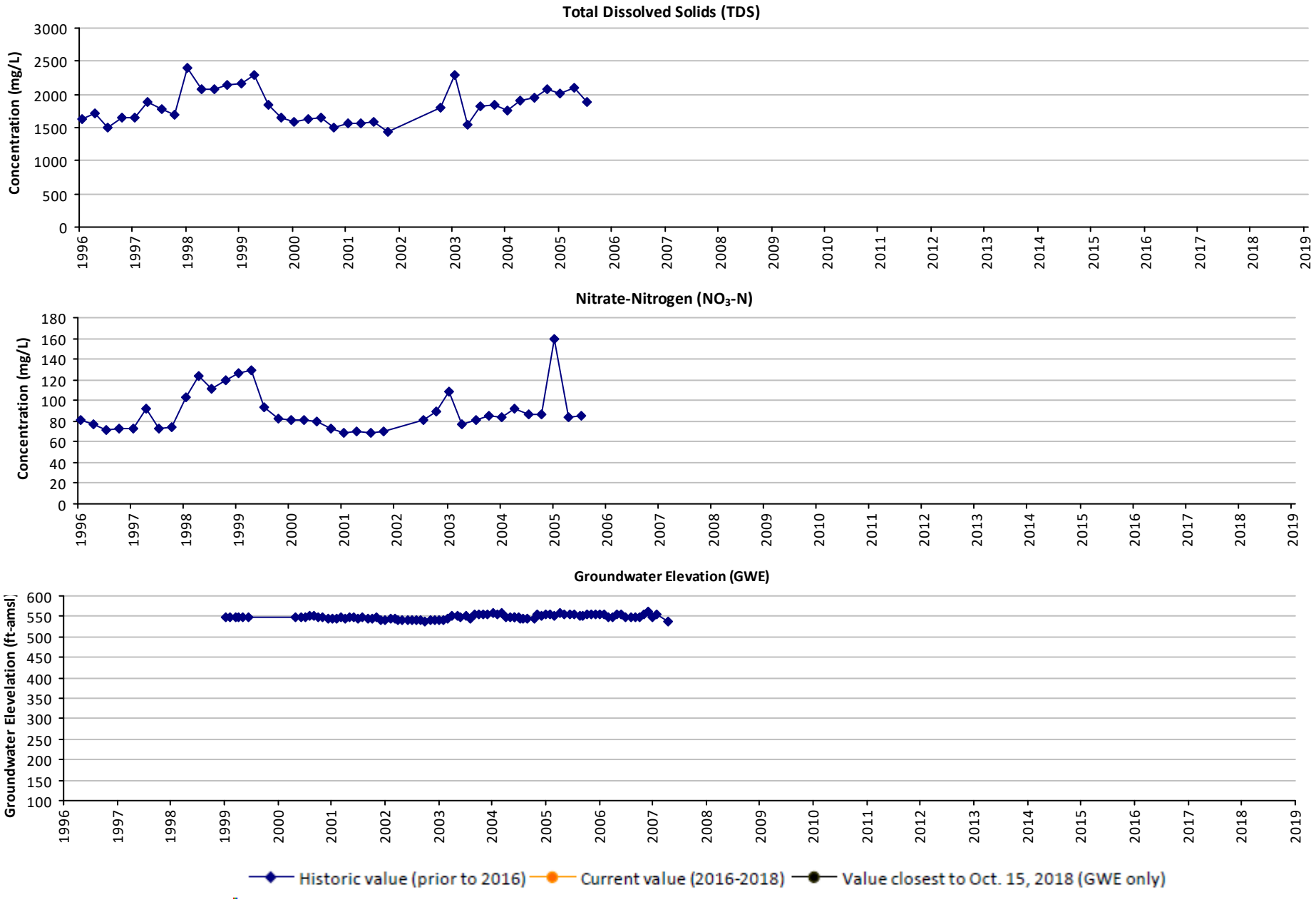
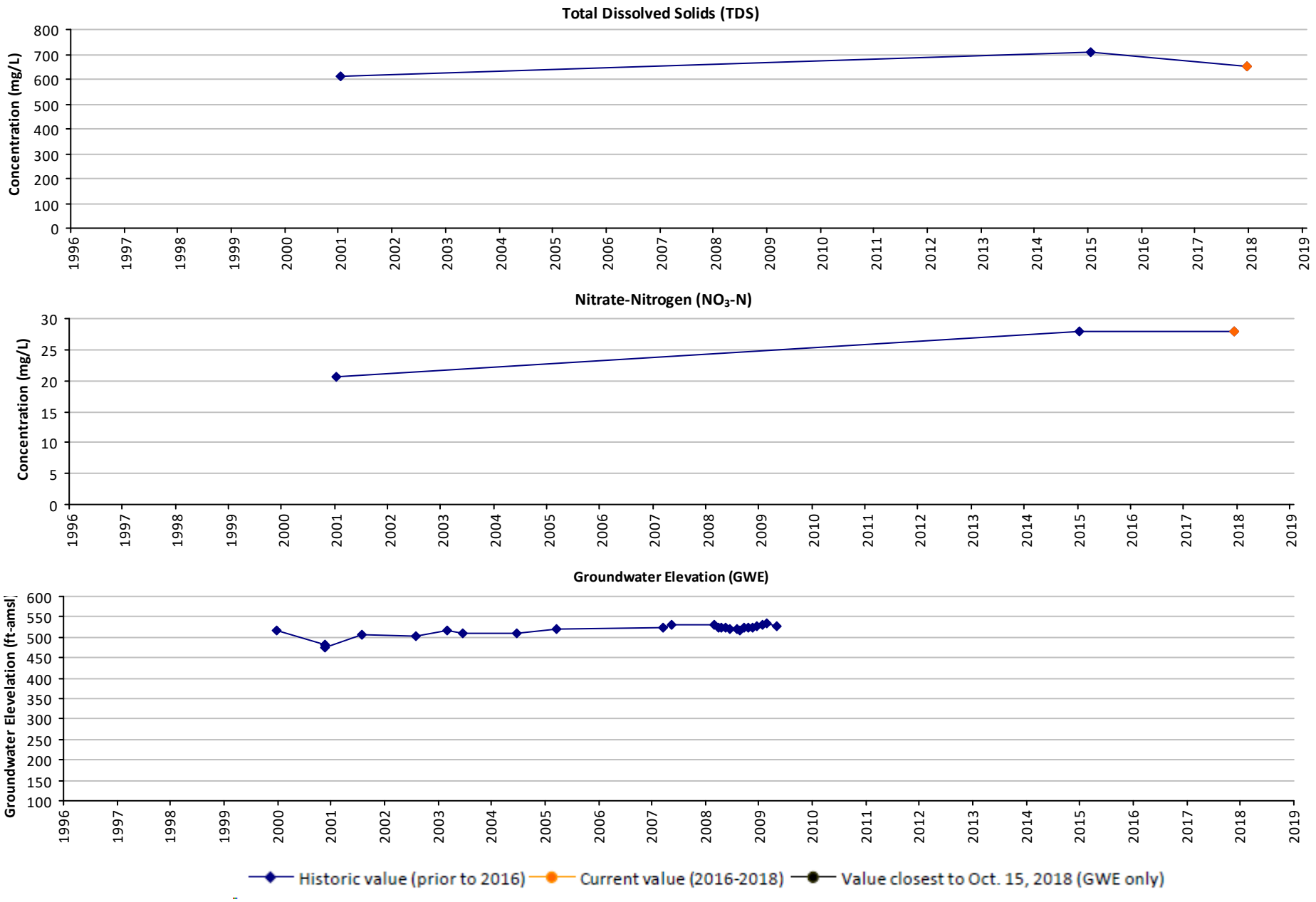
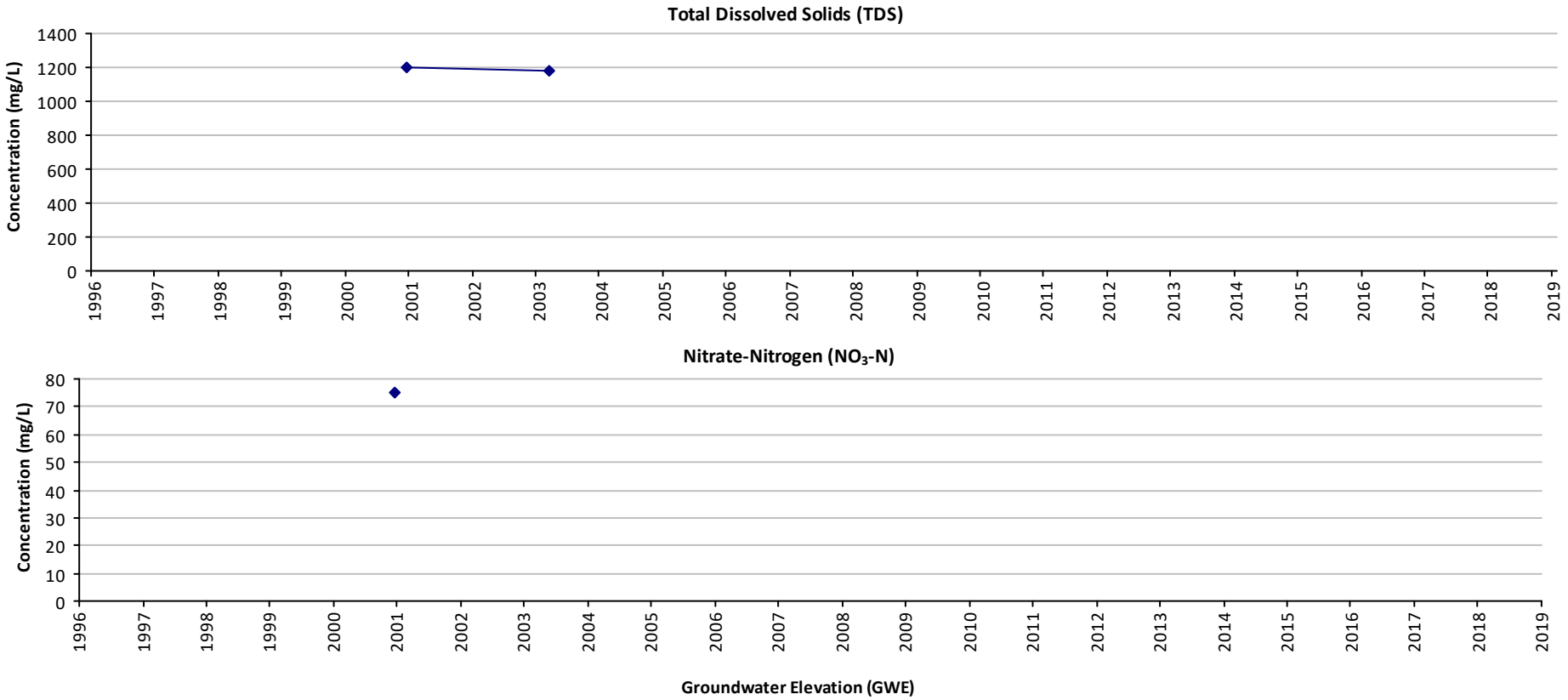
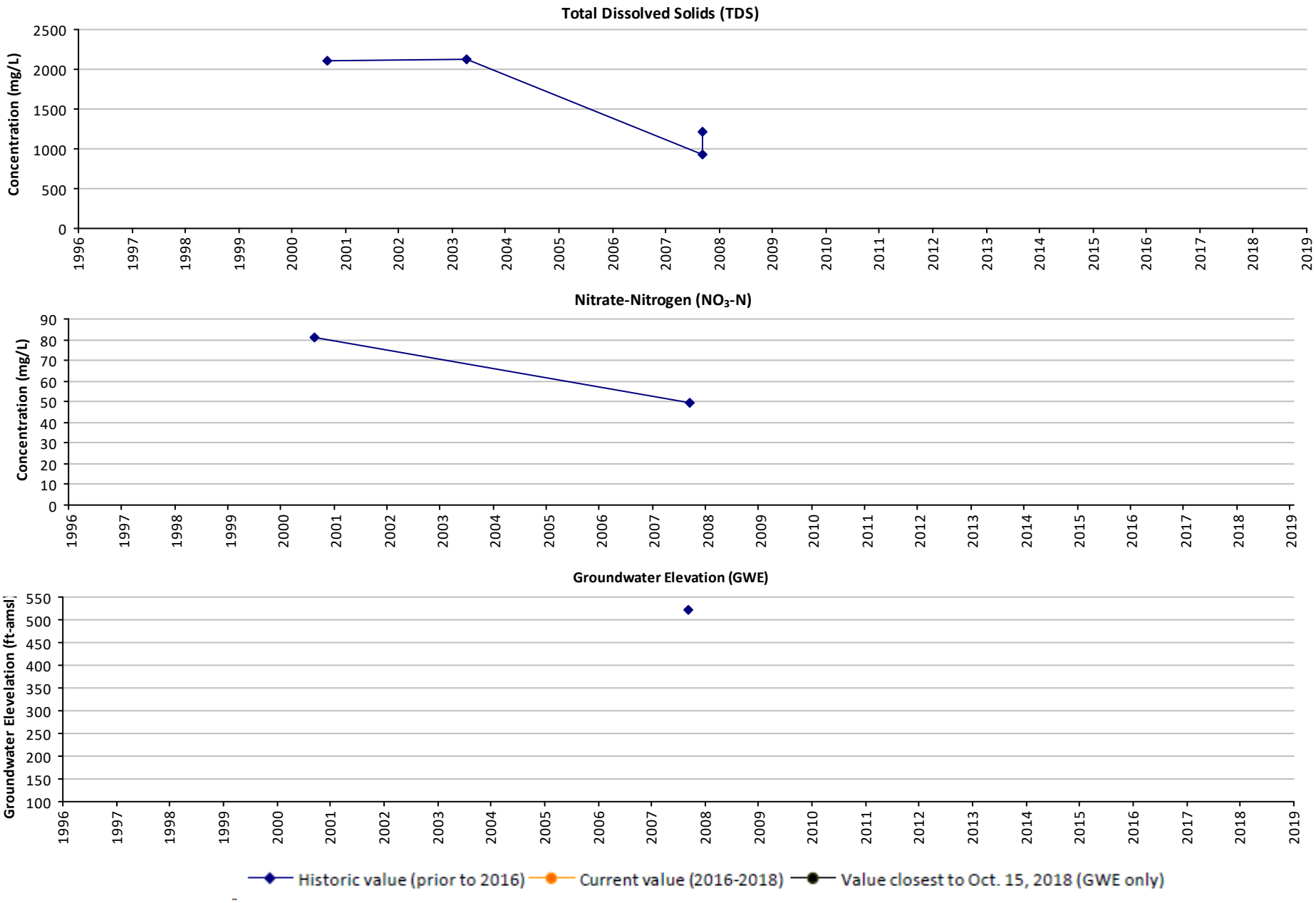
2016
2017
2018
2019

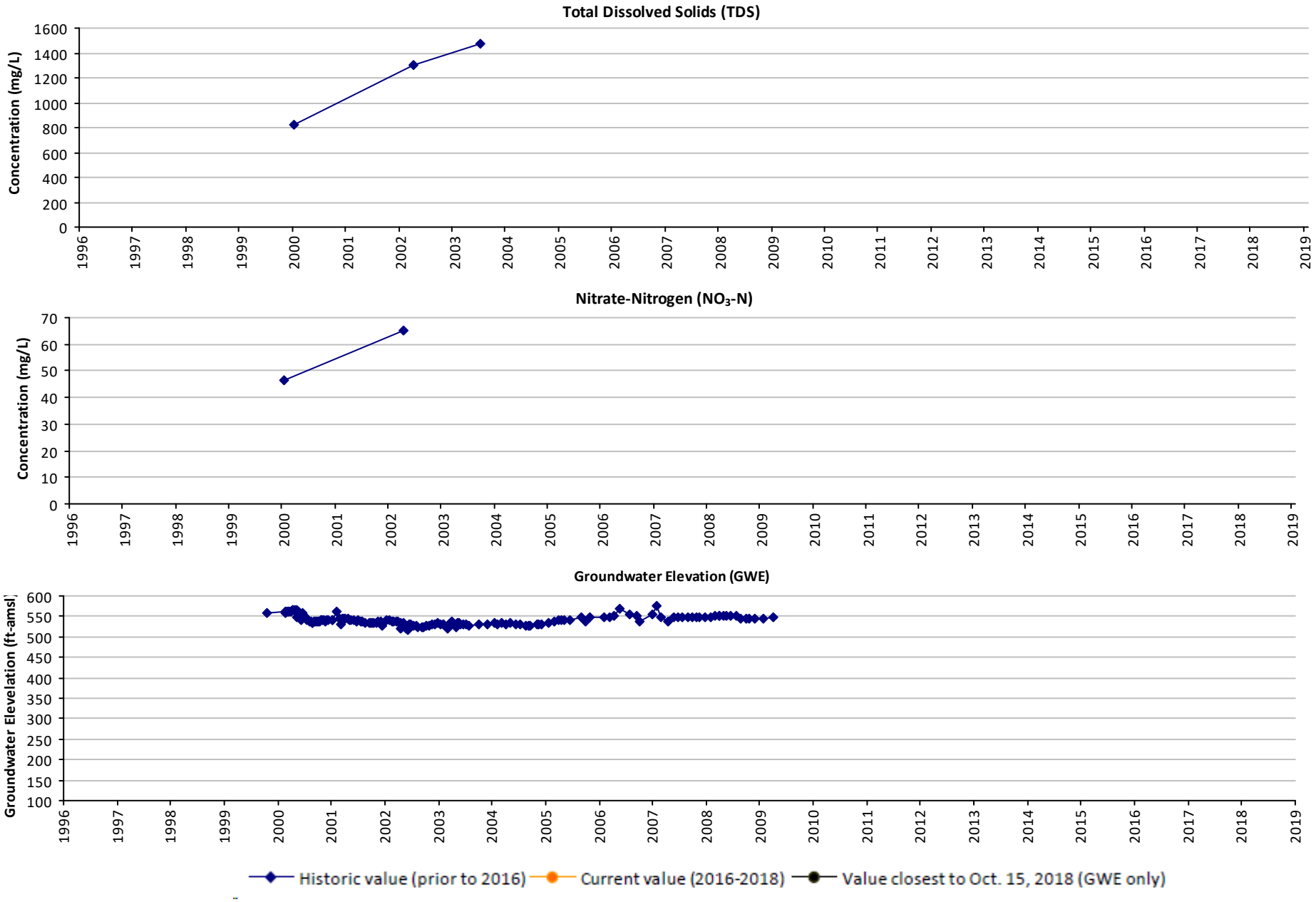

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

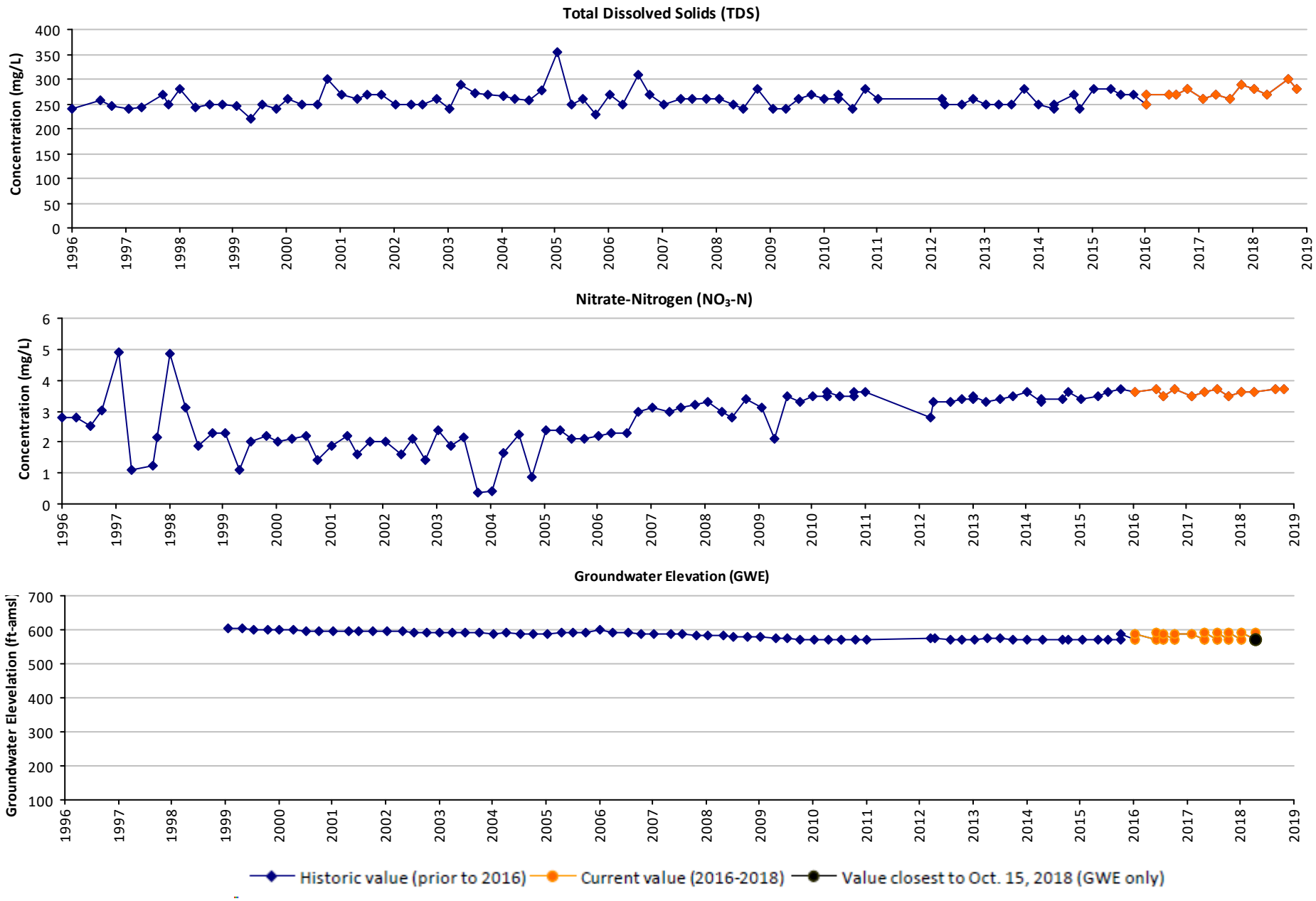

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

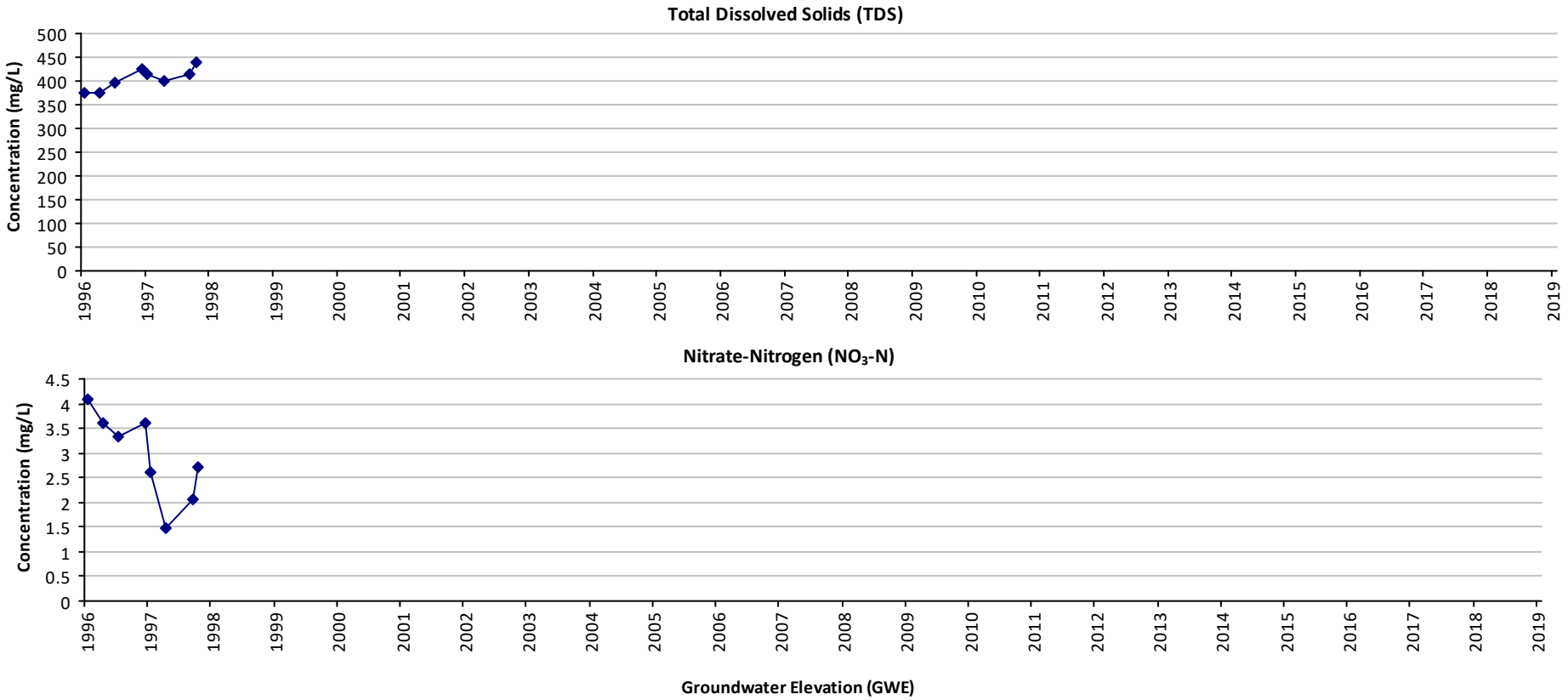

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

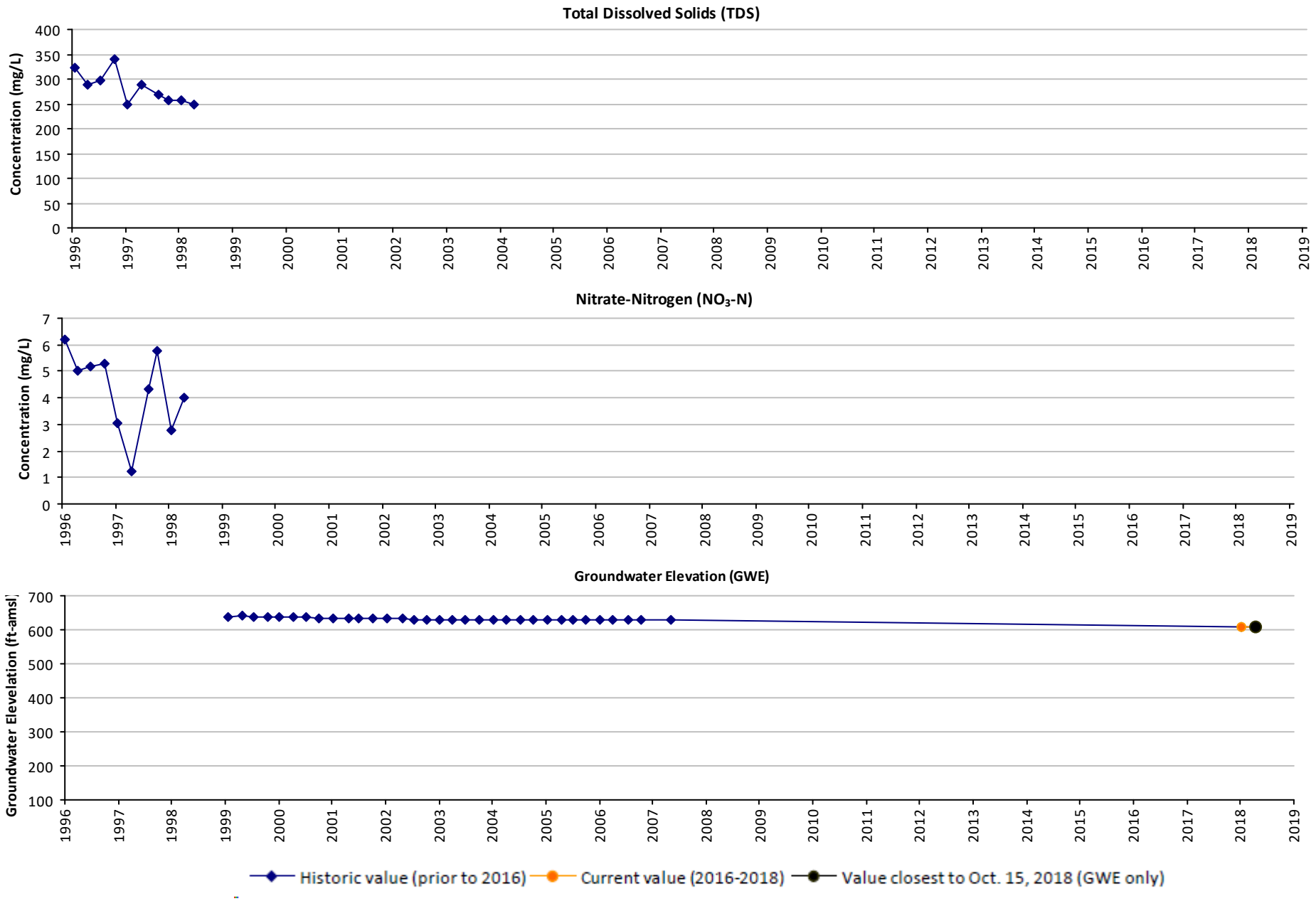

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

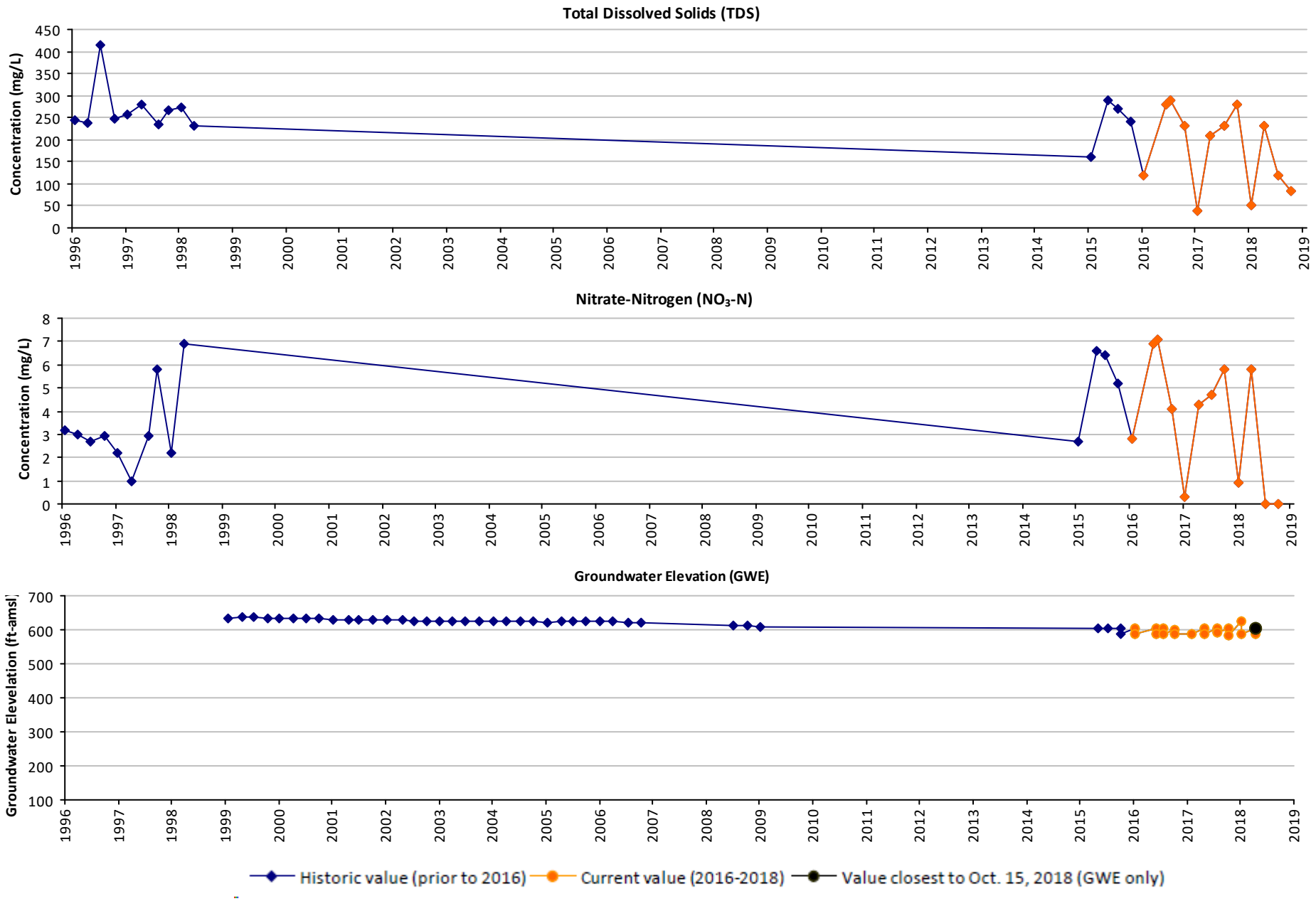

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
90
80
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

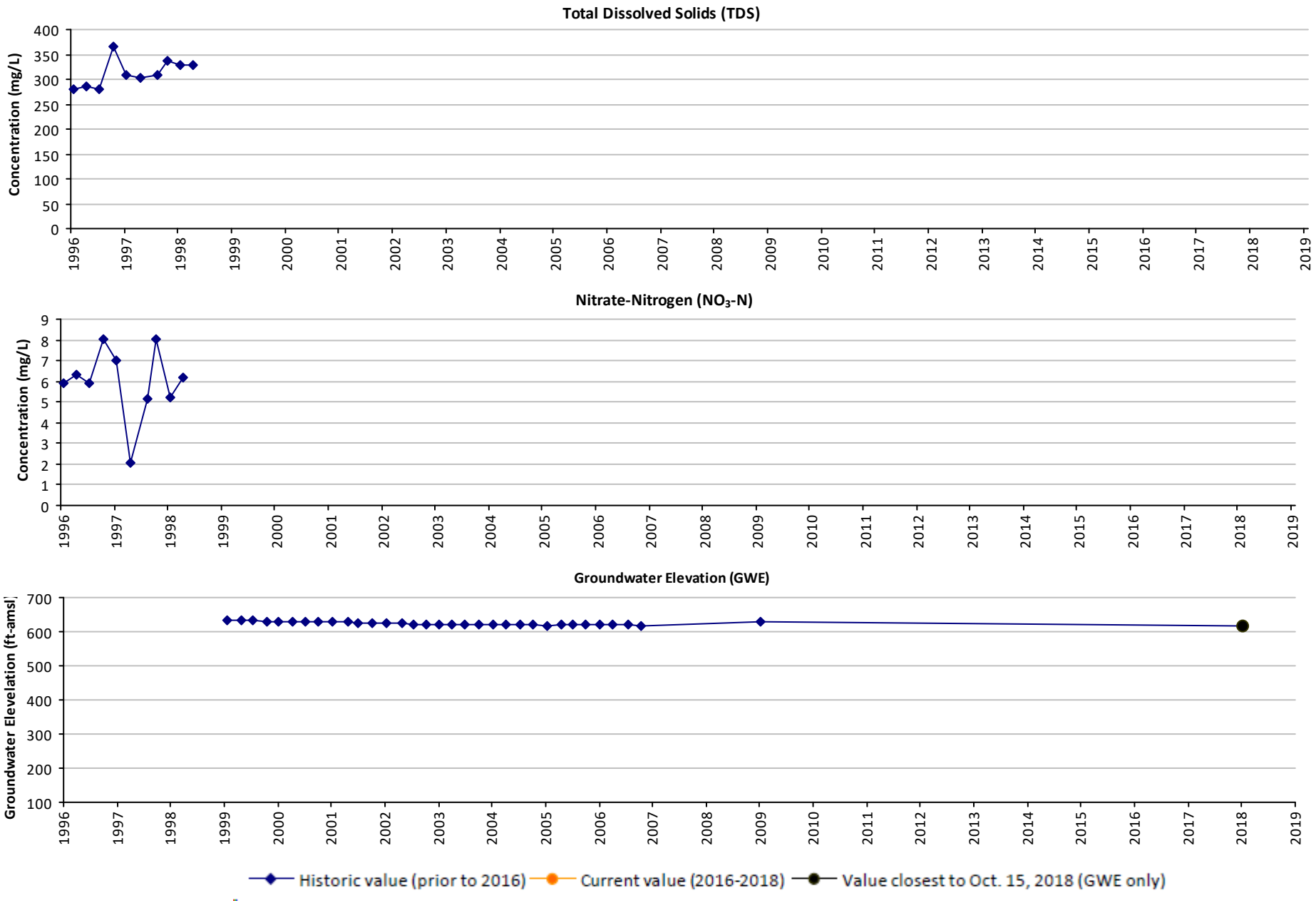

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

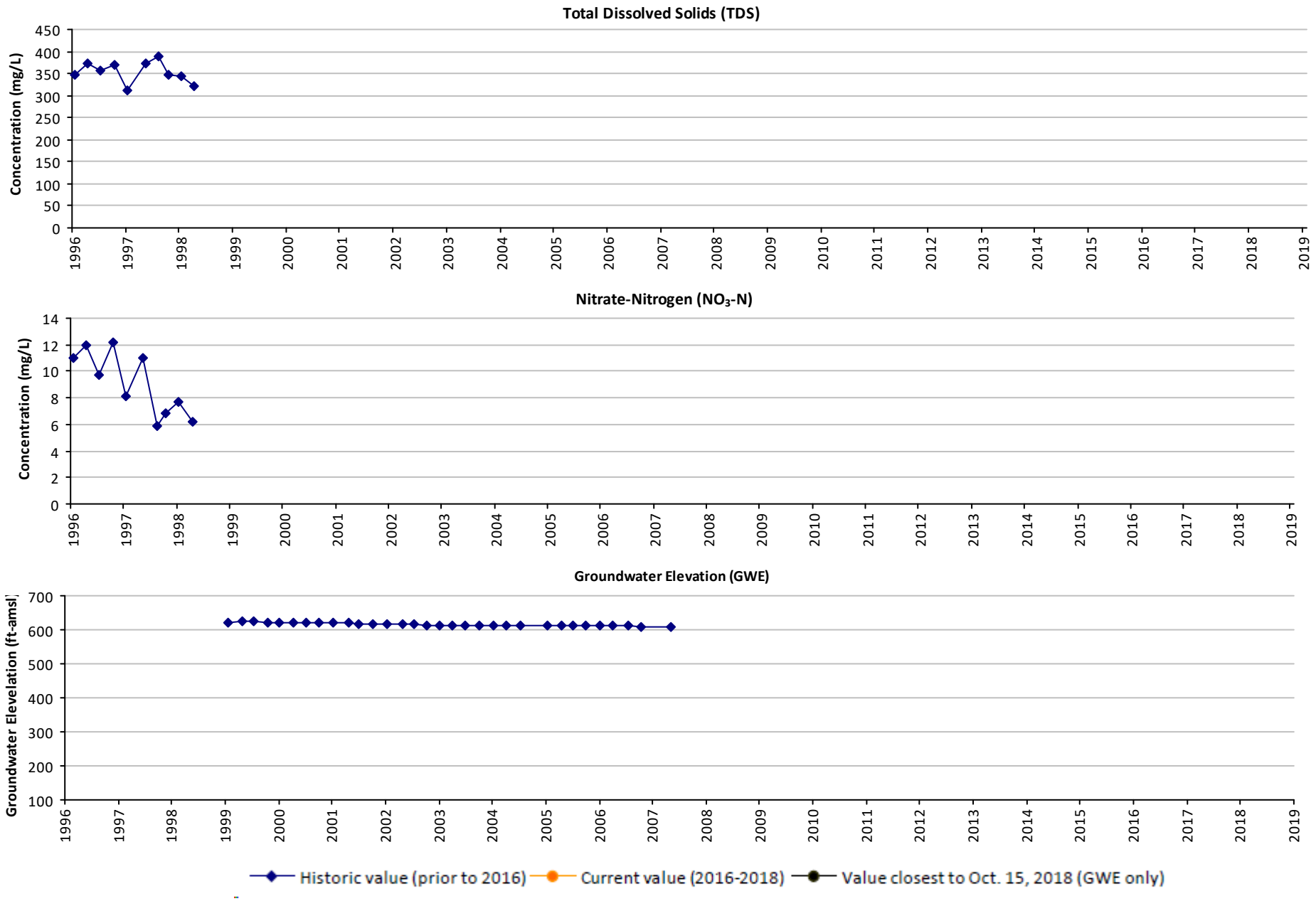

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

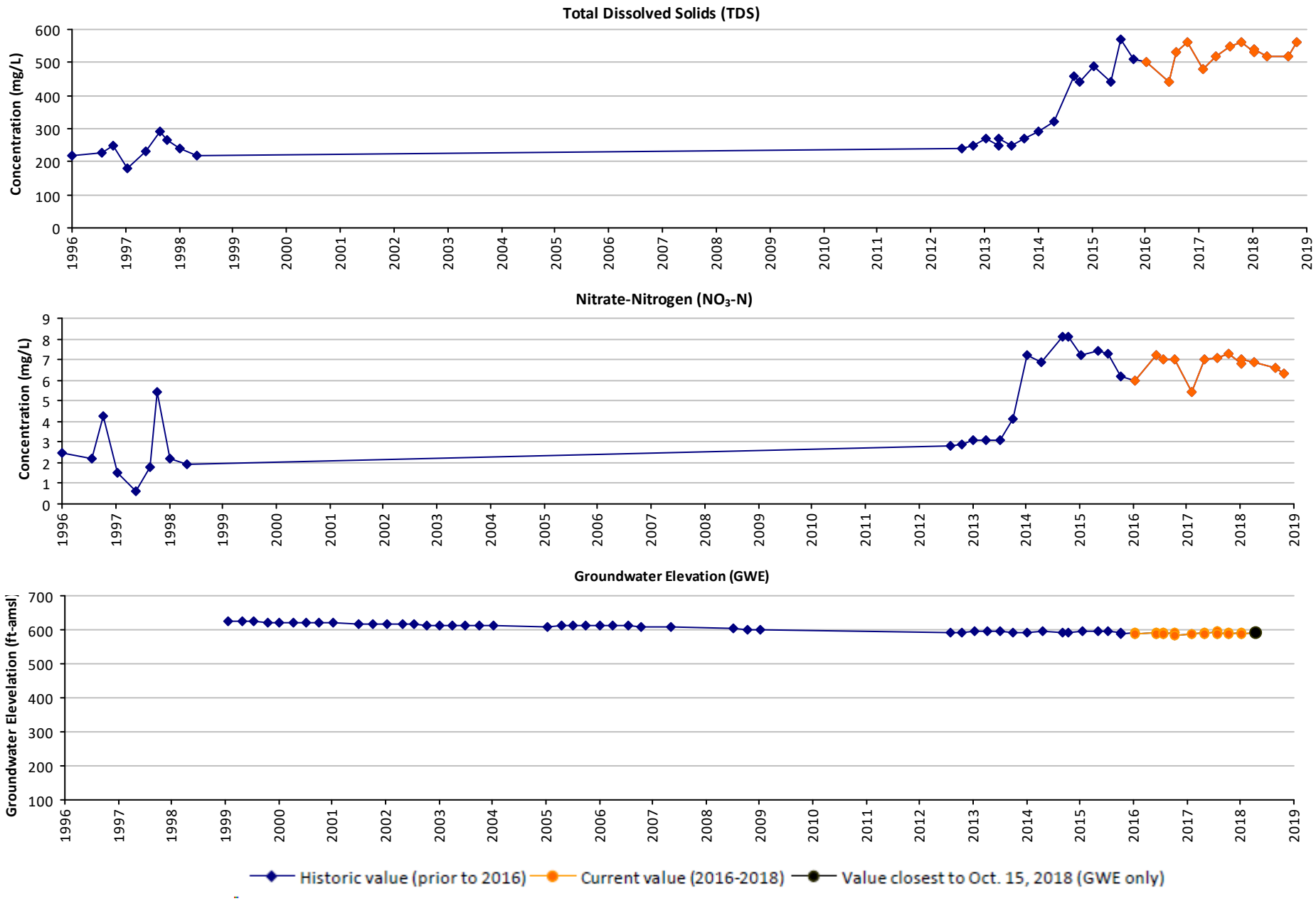

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

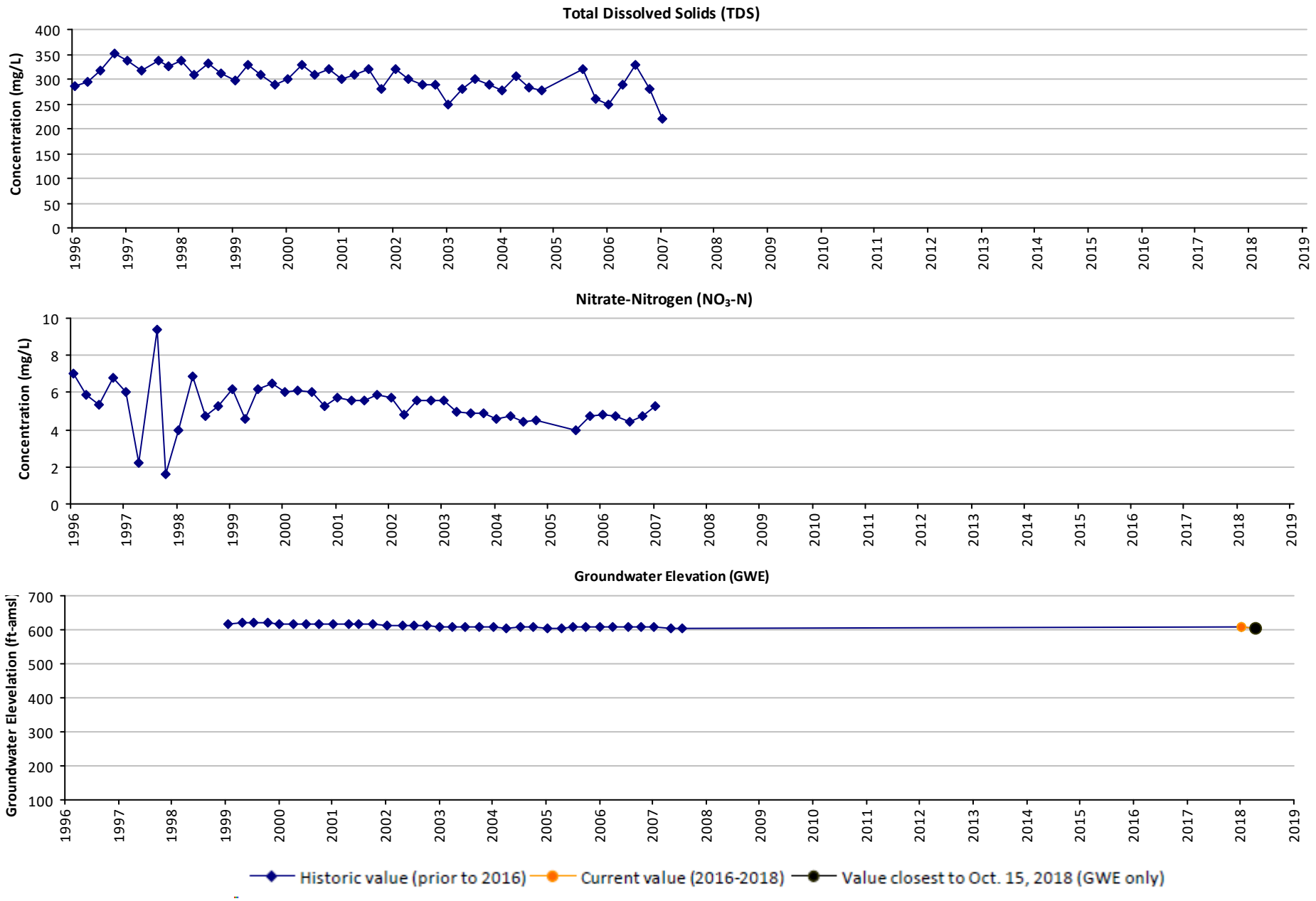

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

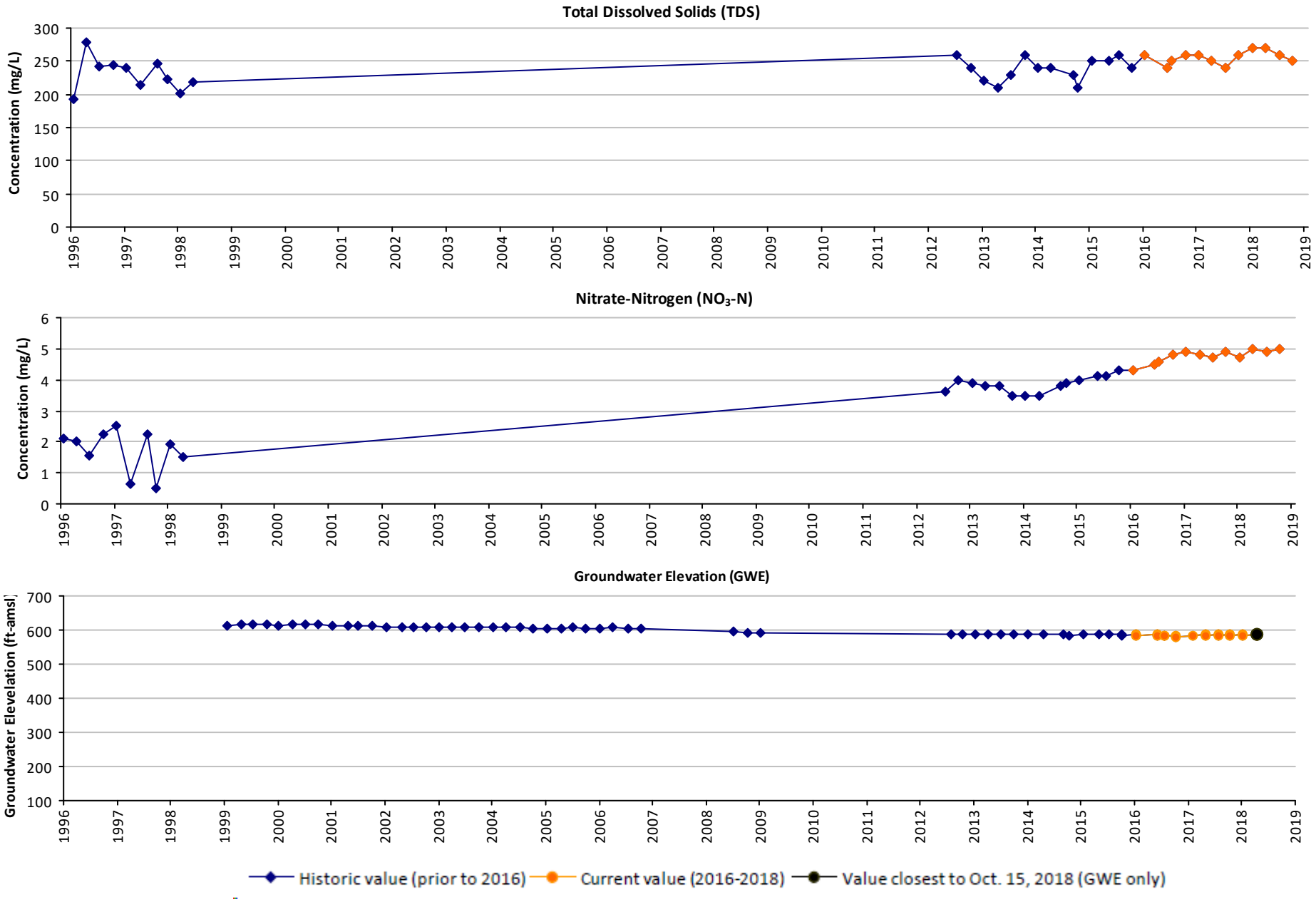

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

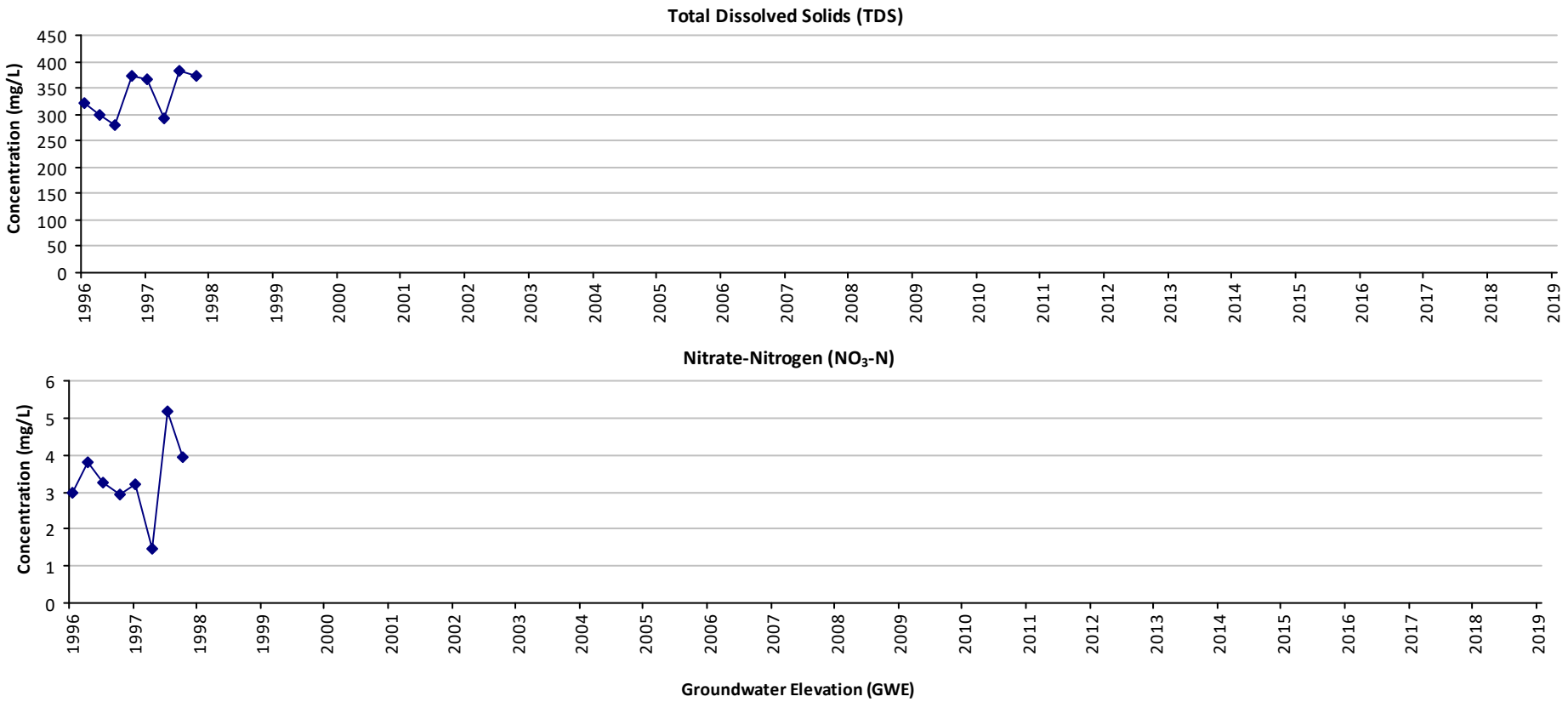

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

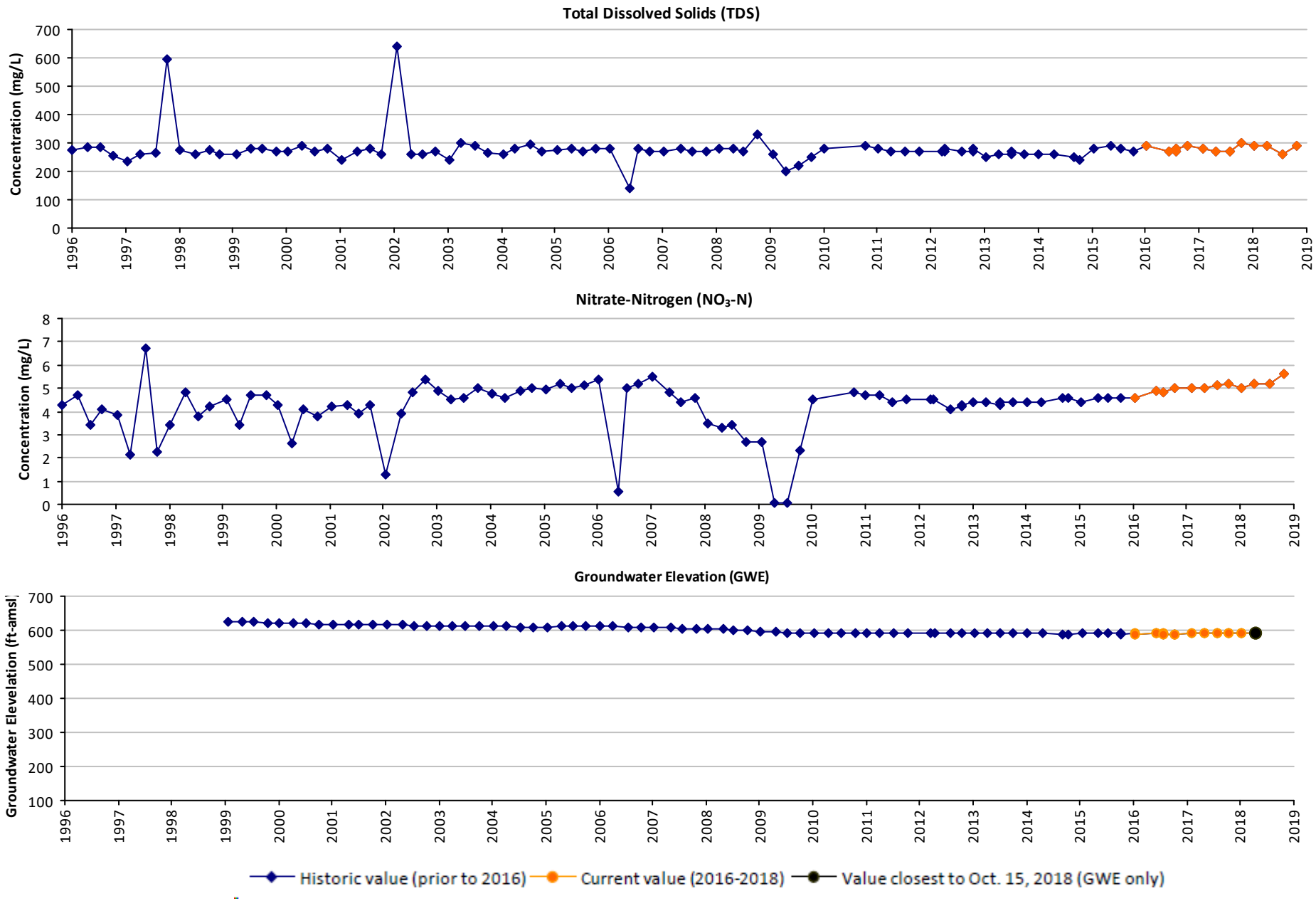

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

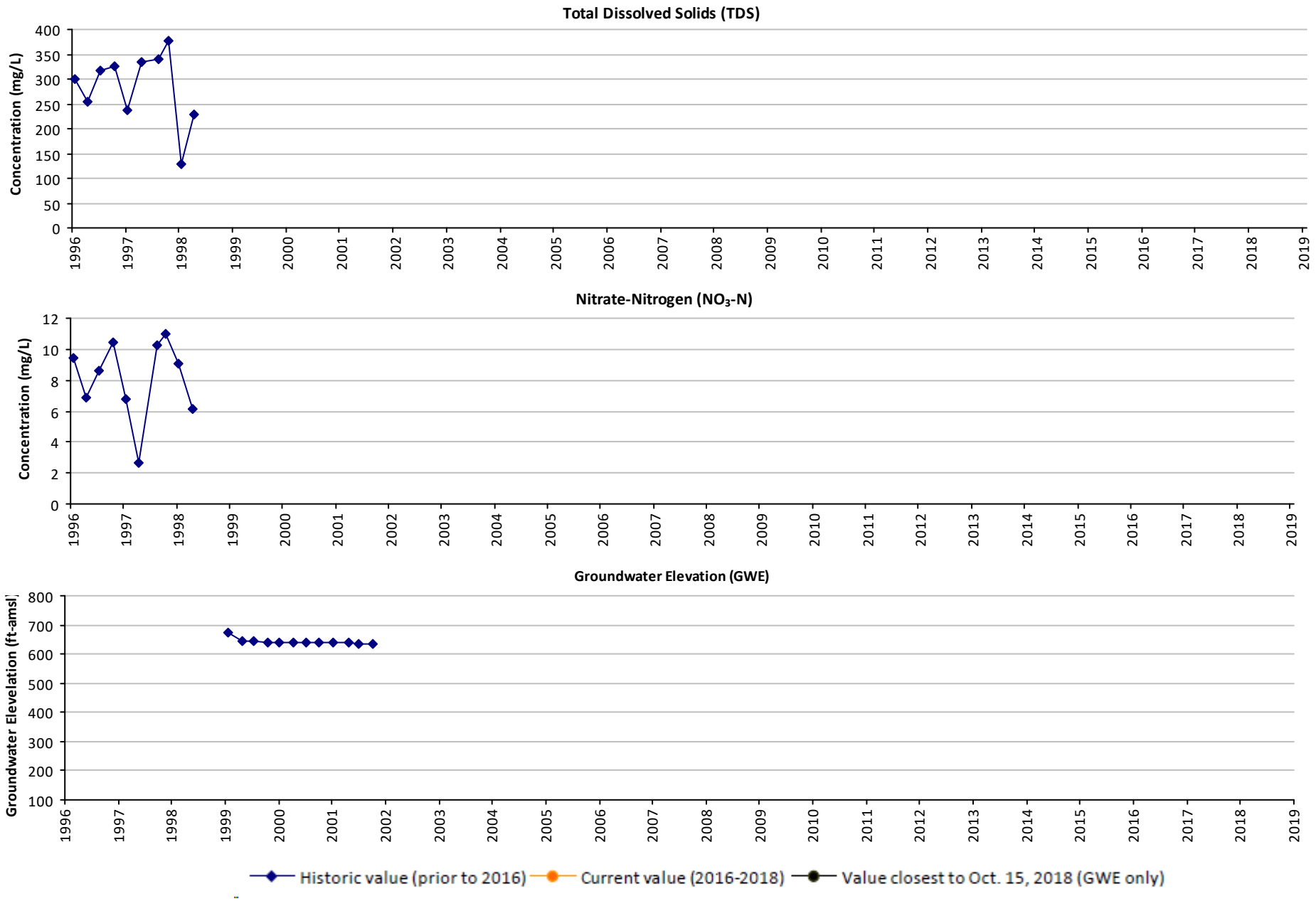

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

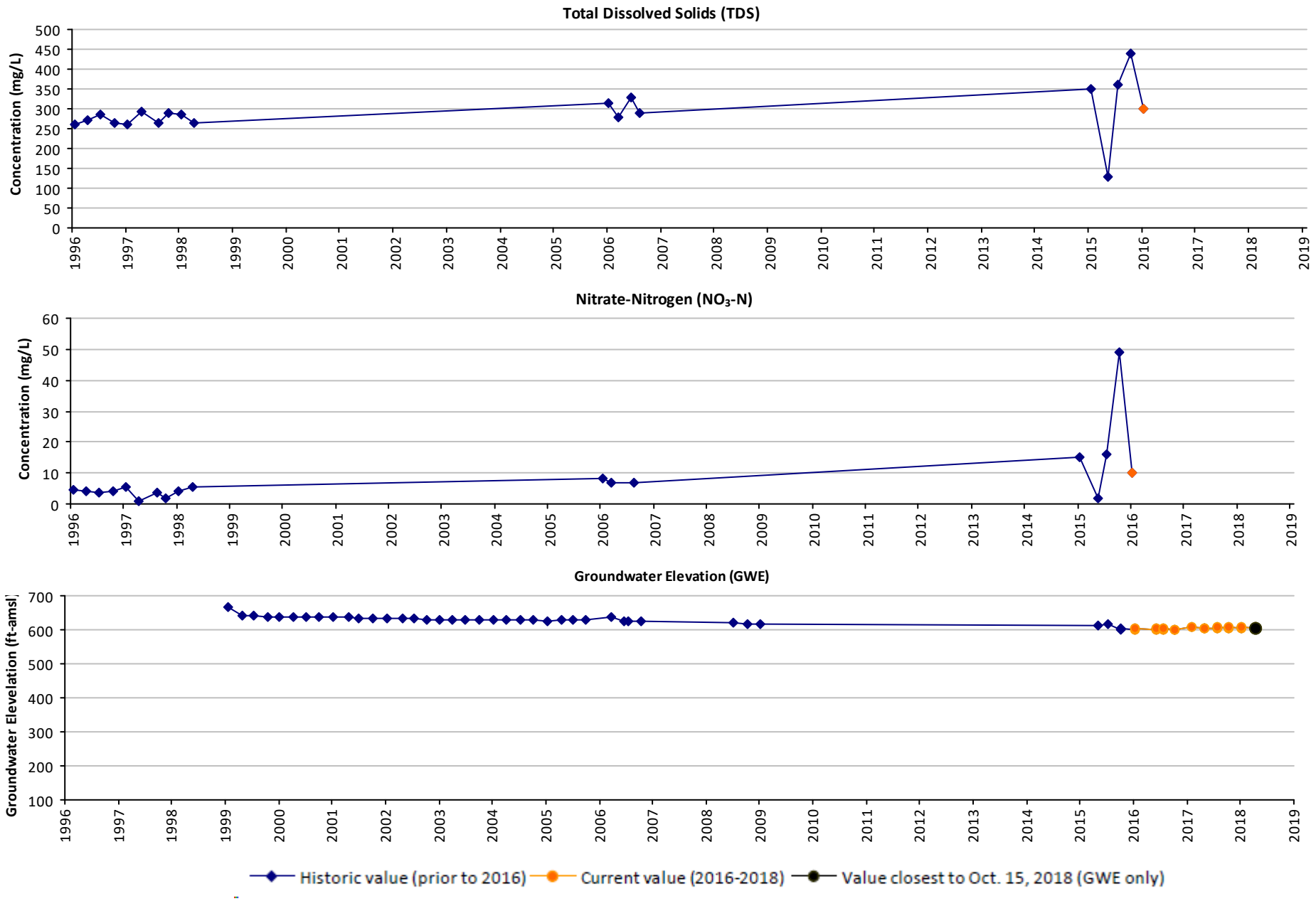

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

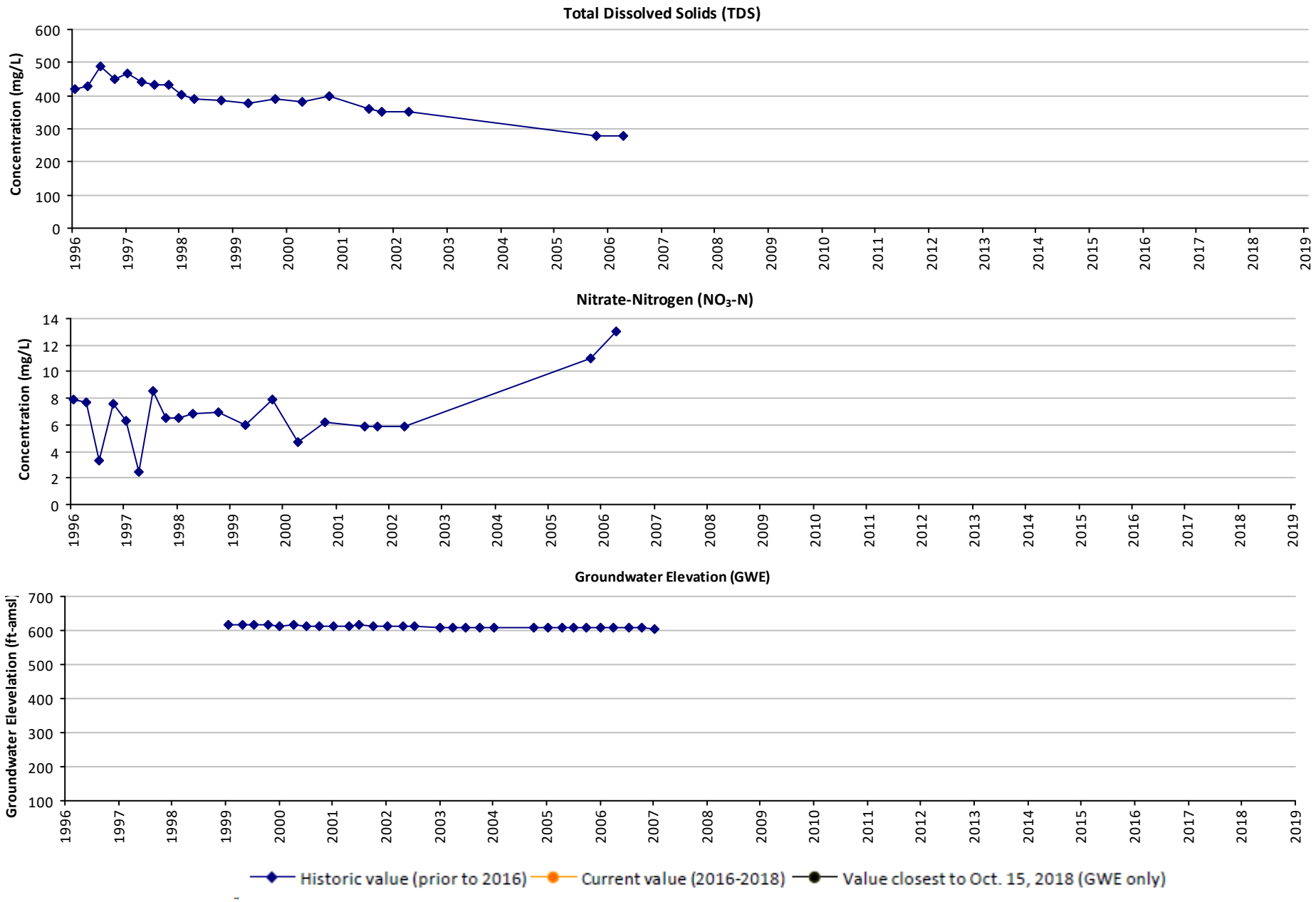

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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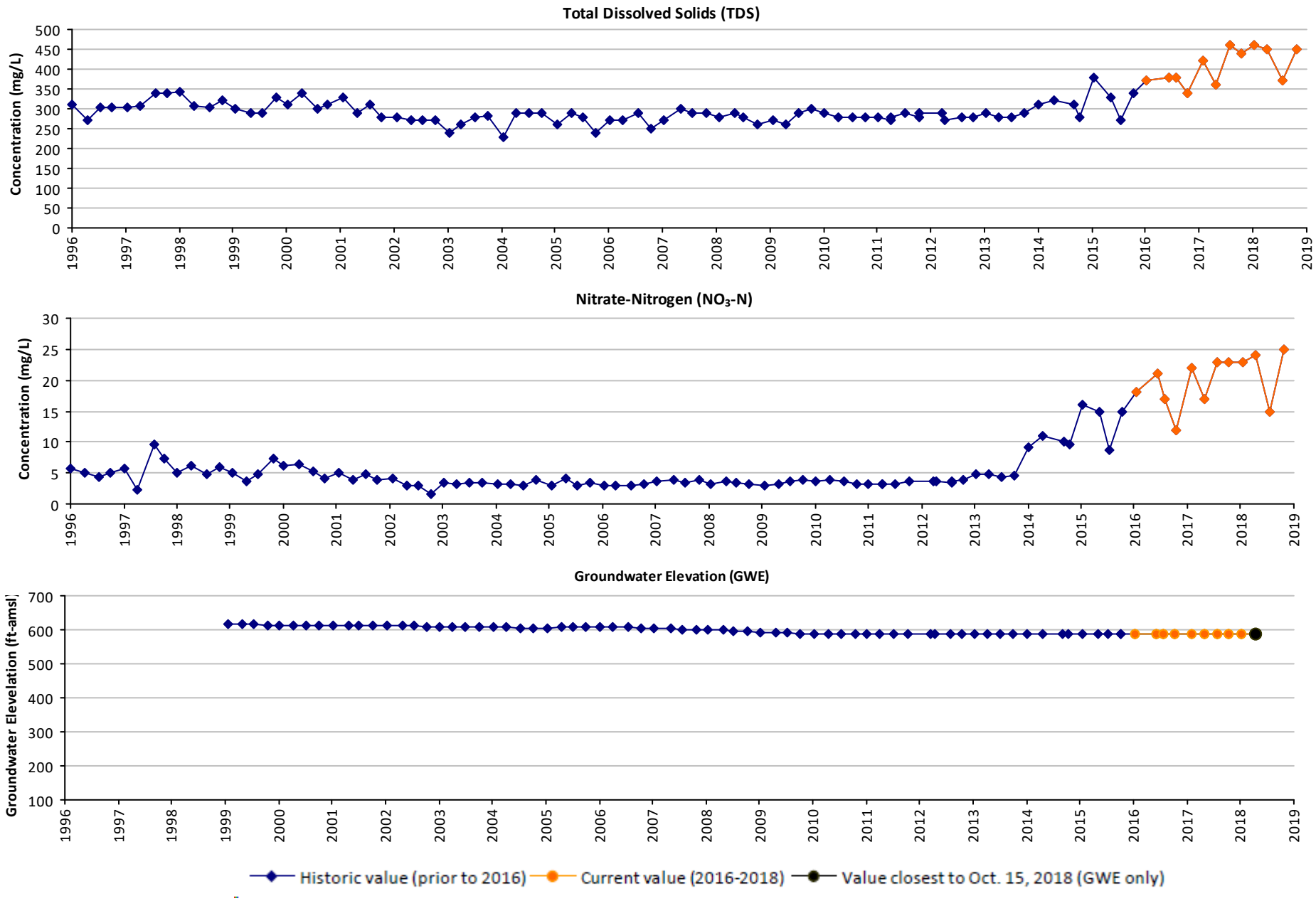
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Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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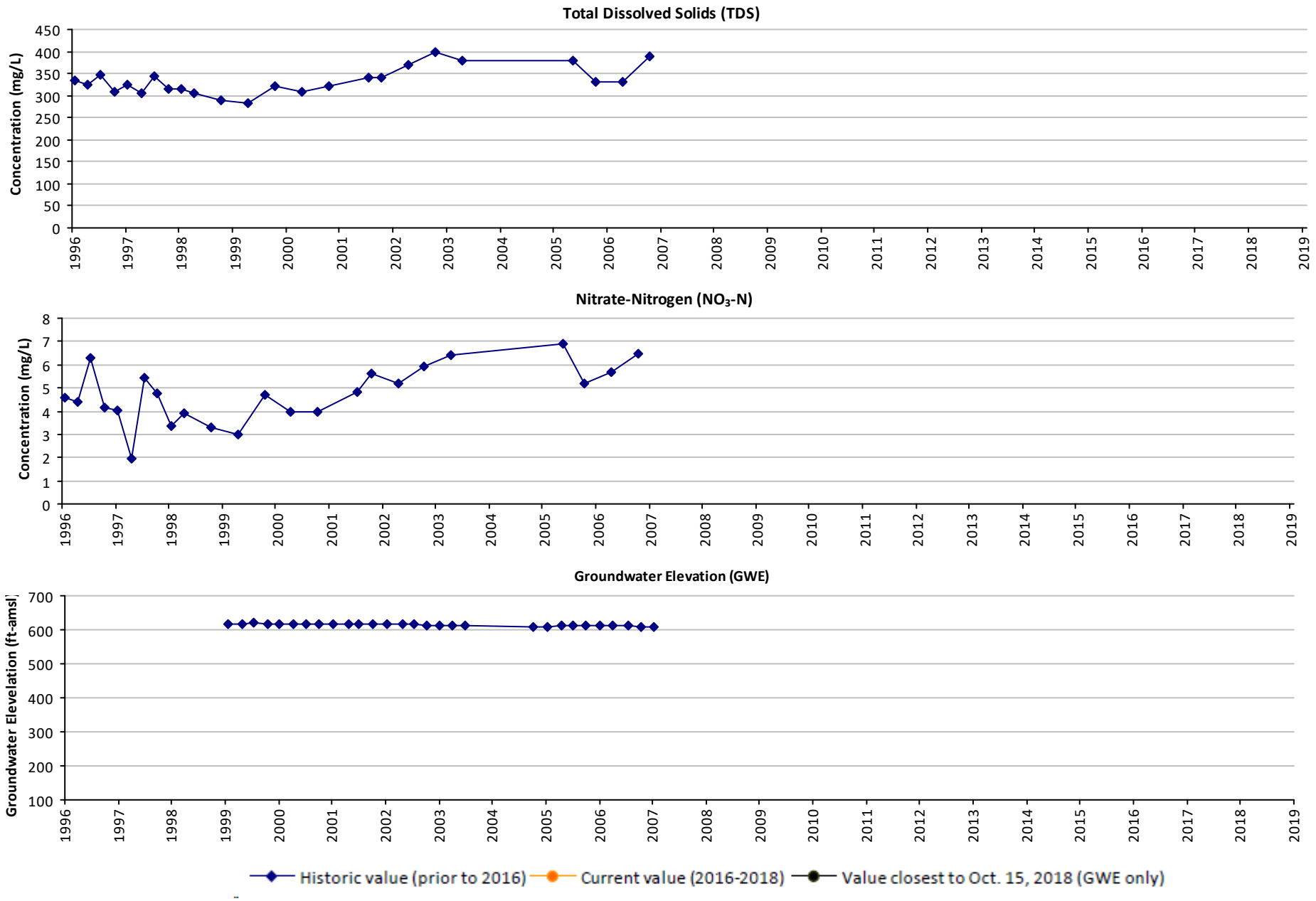
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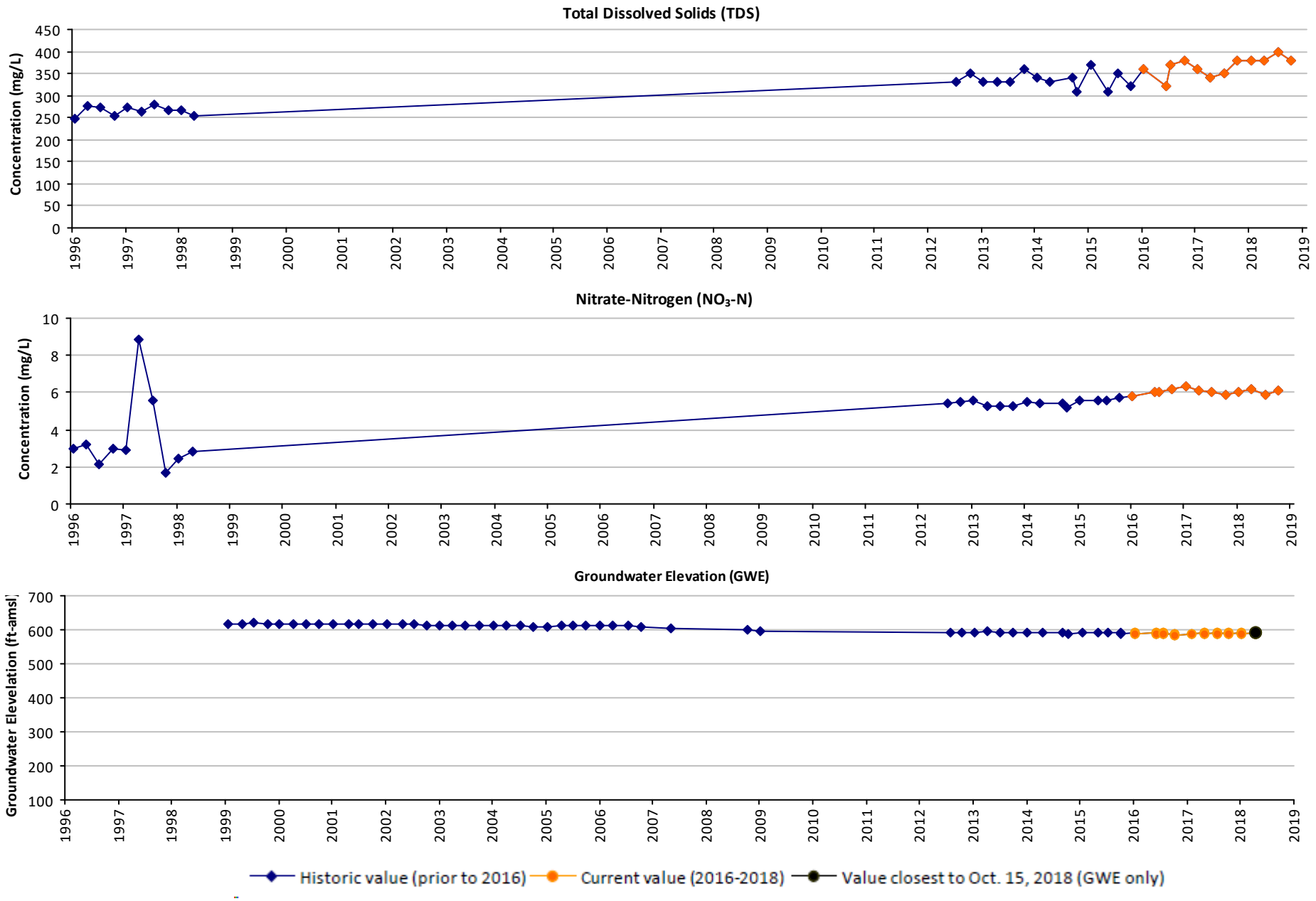
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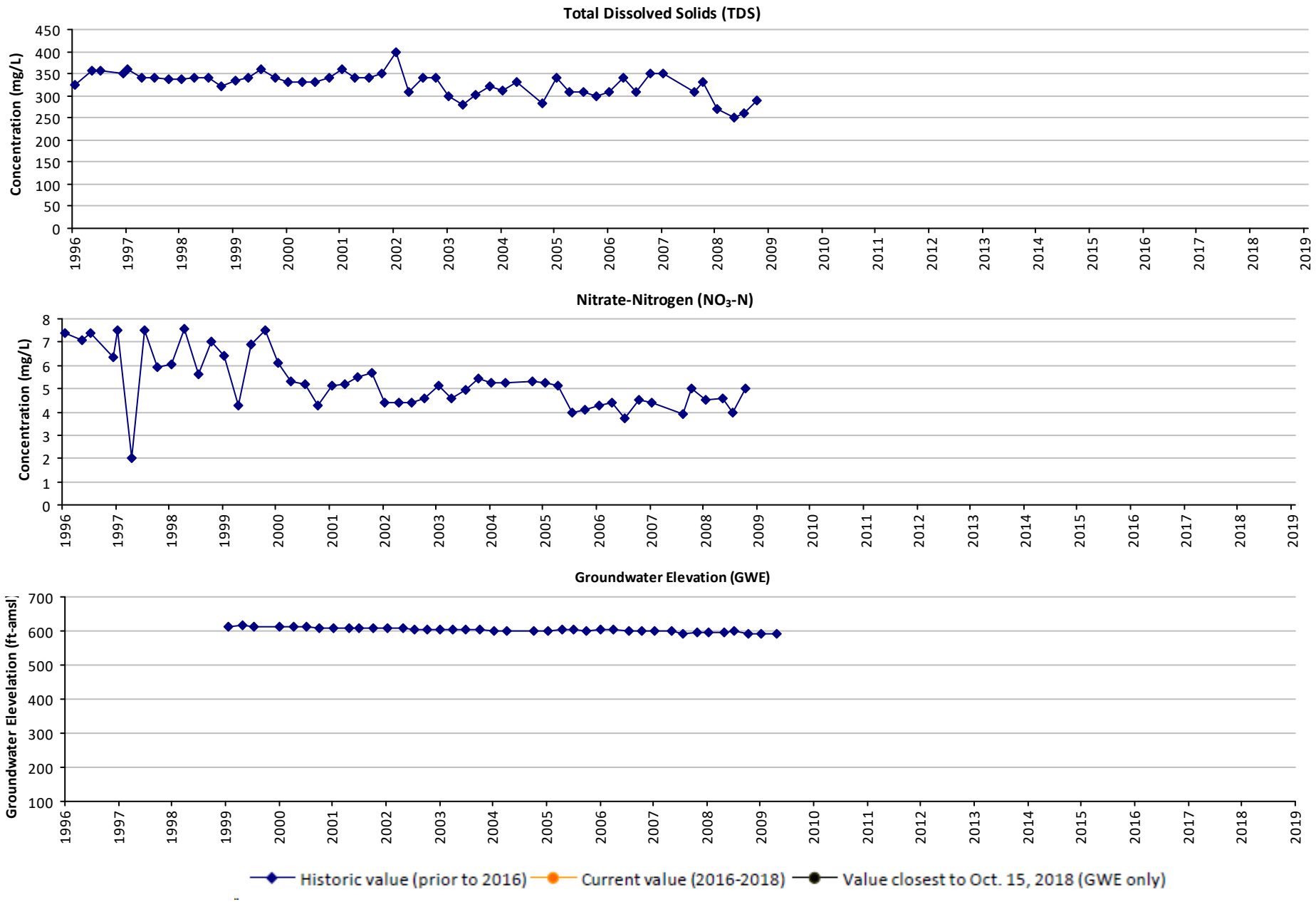
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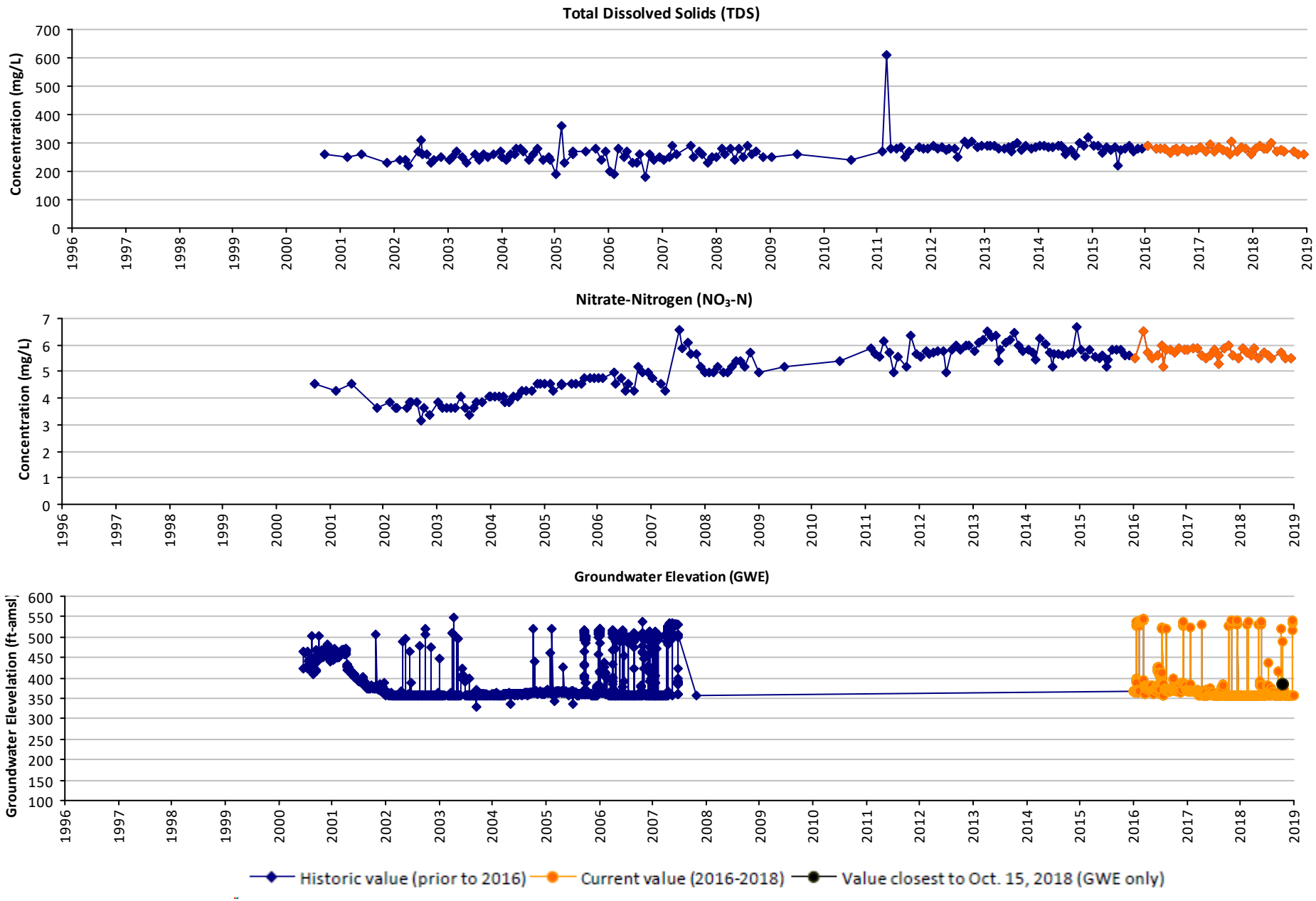
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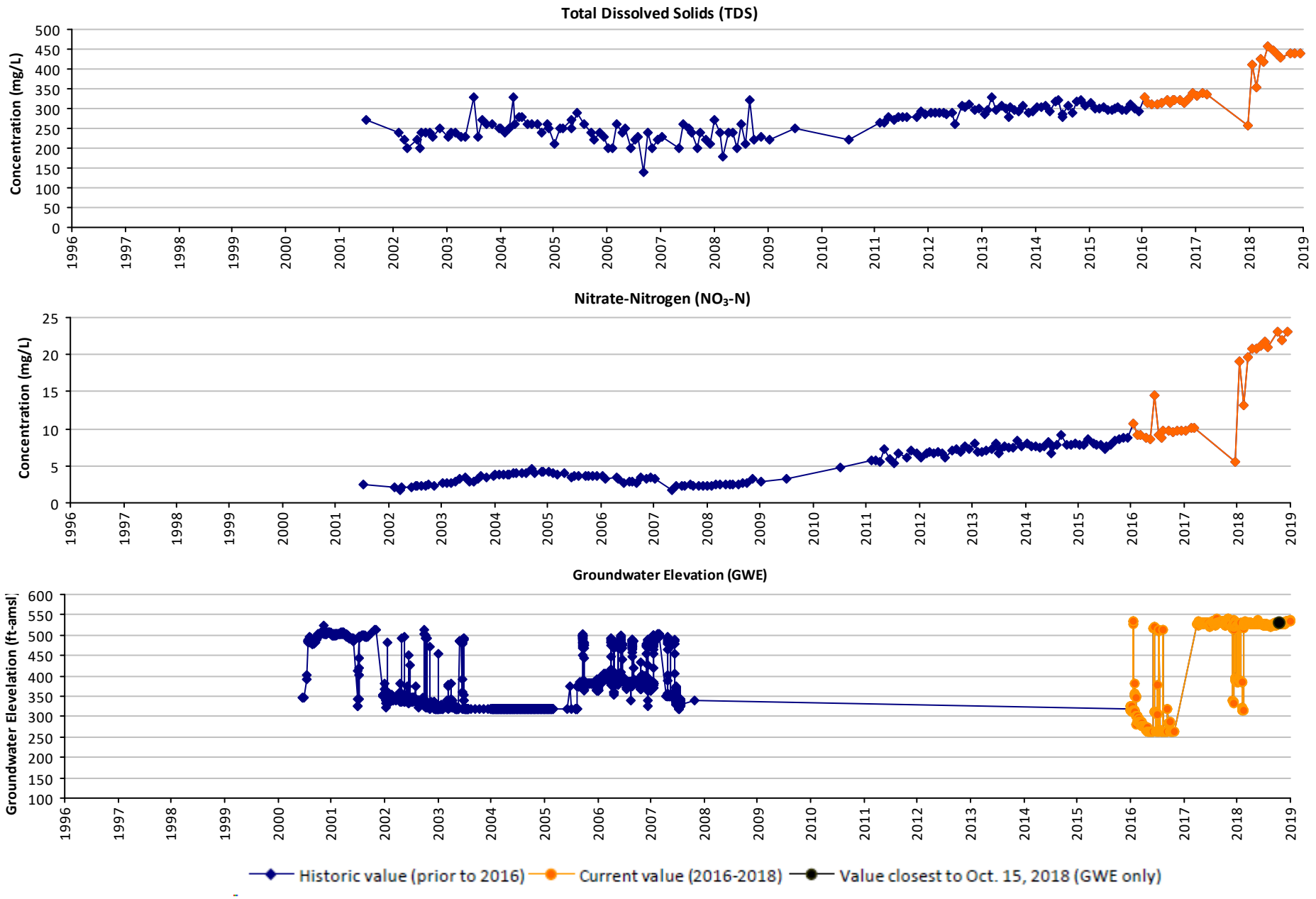
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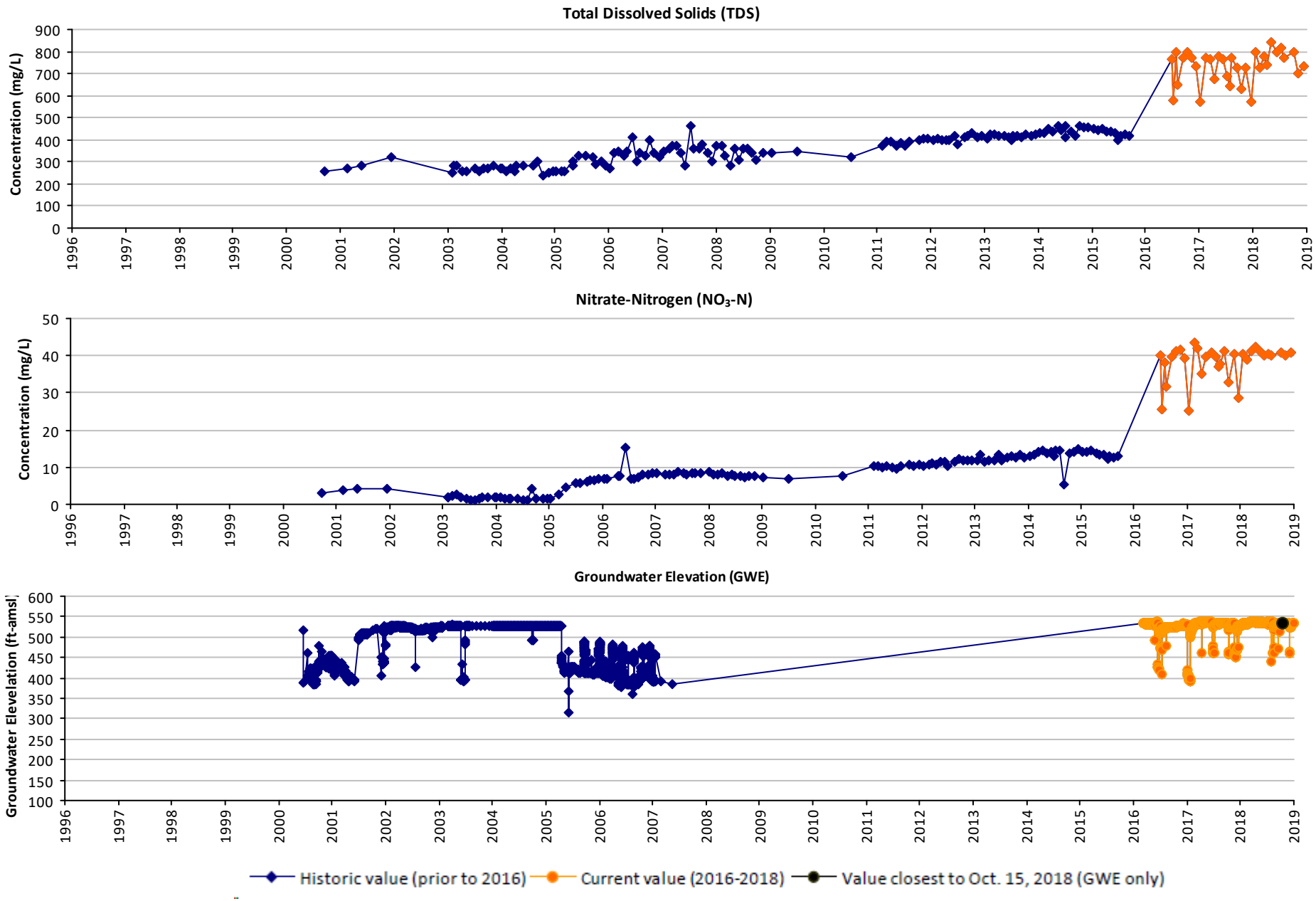
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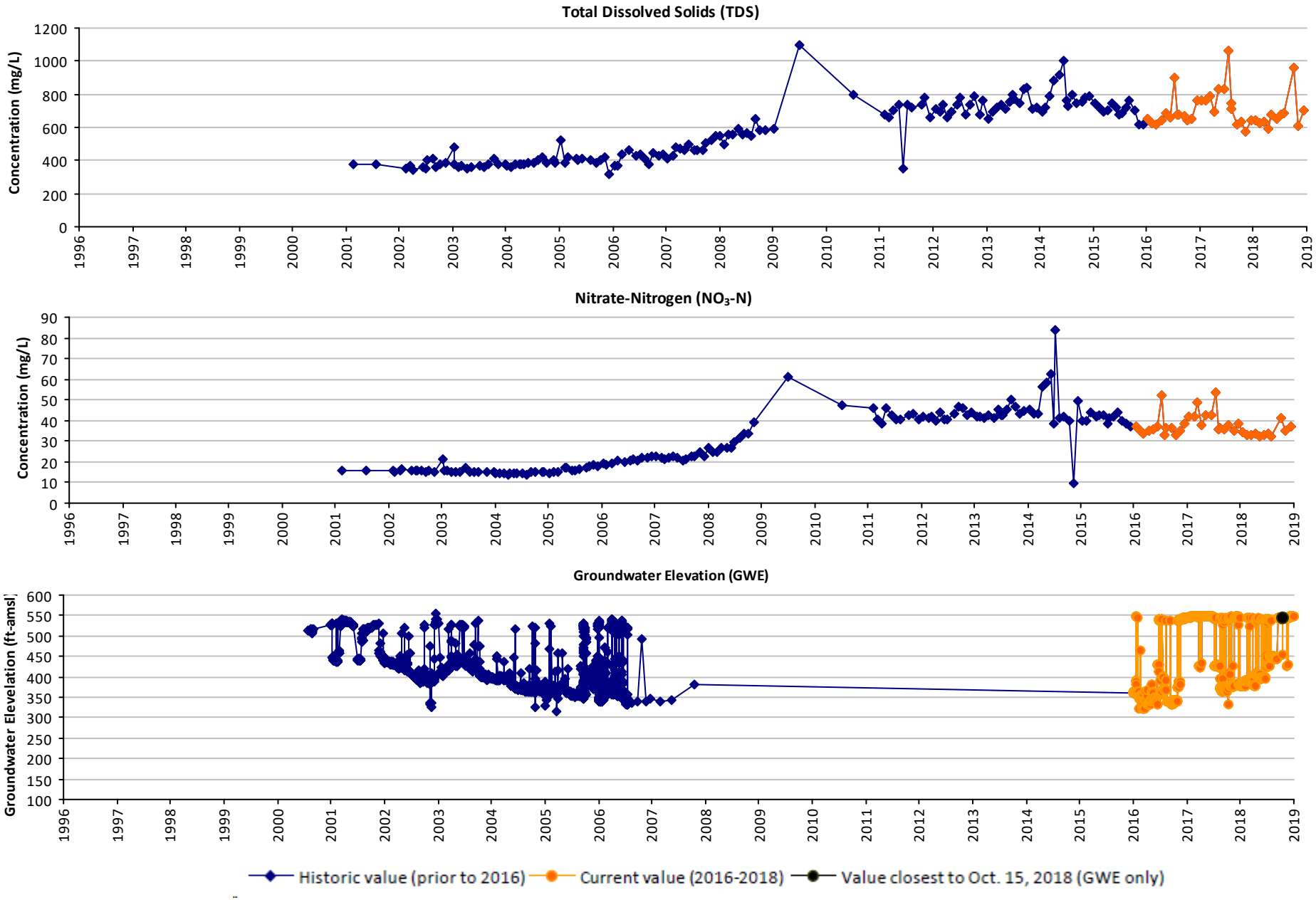
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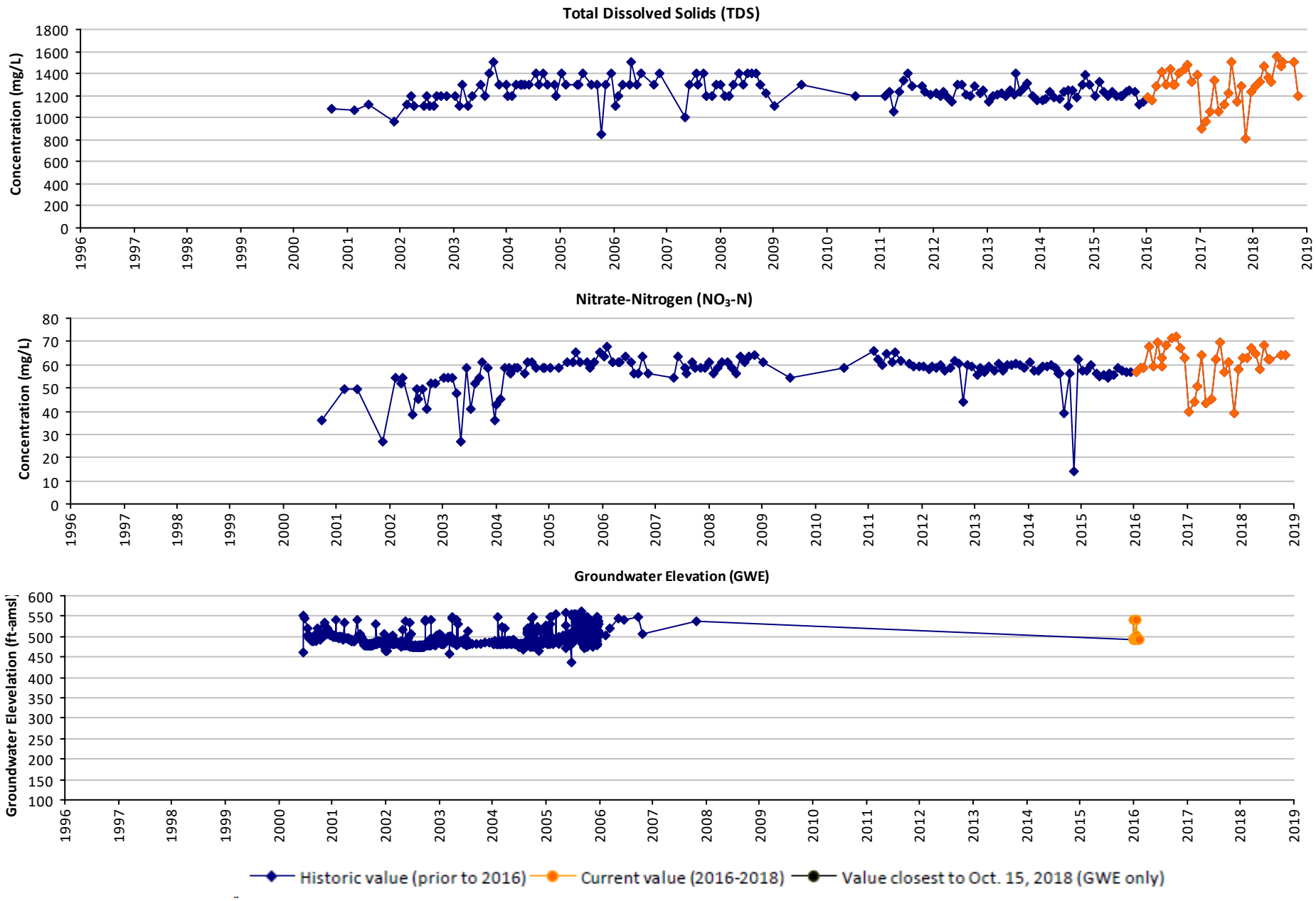
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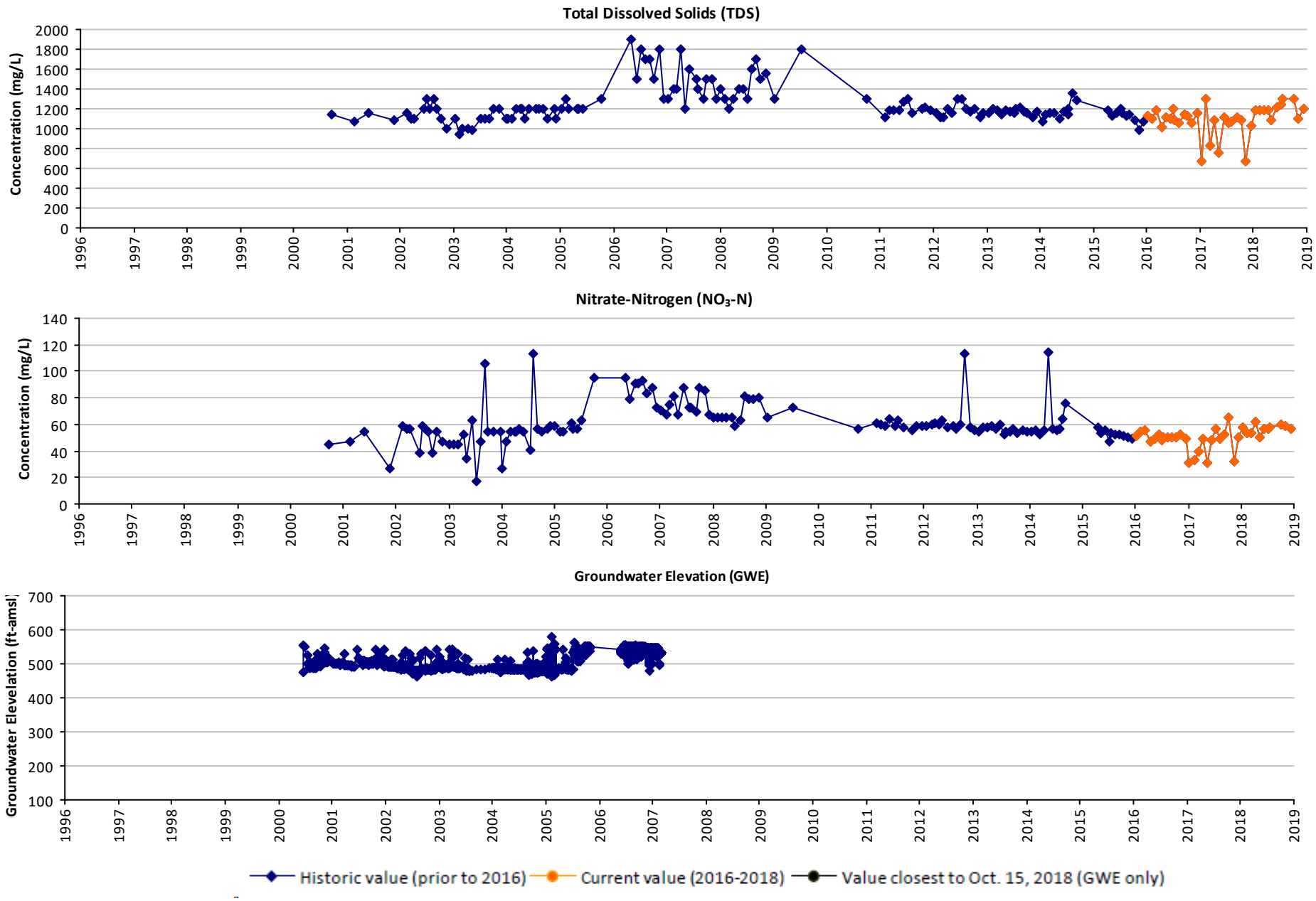
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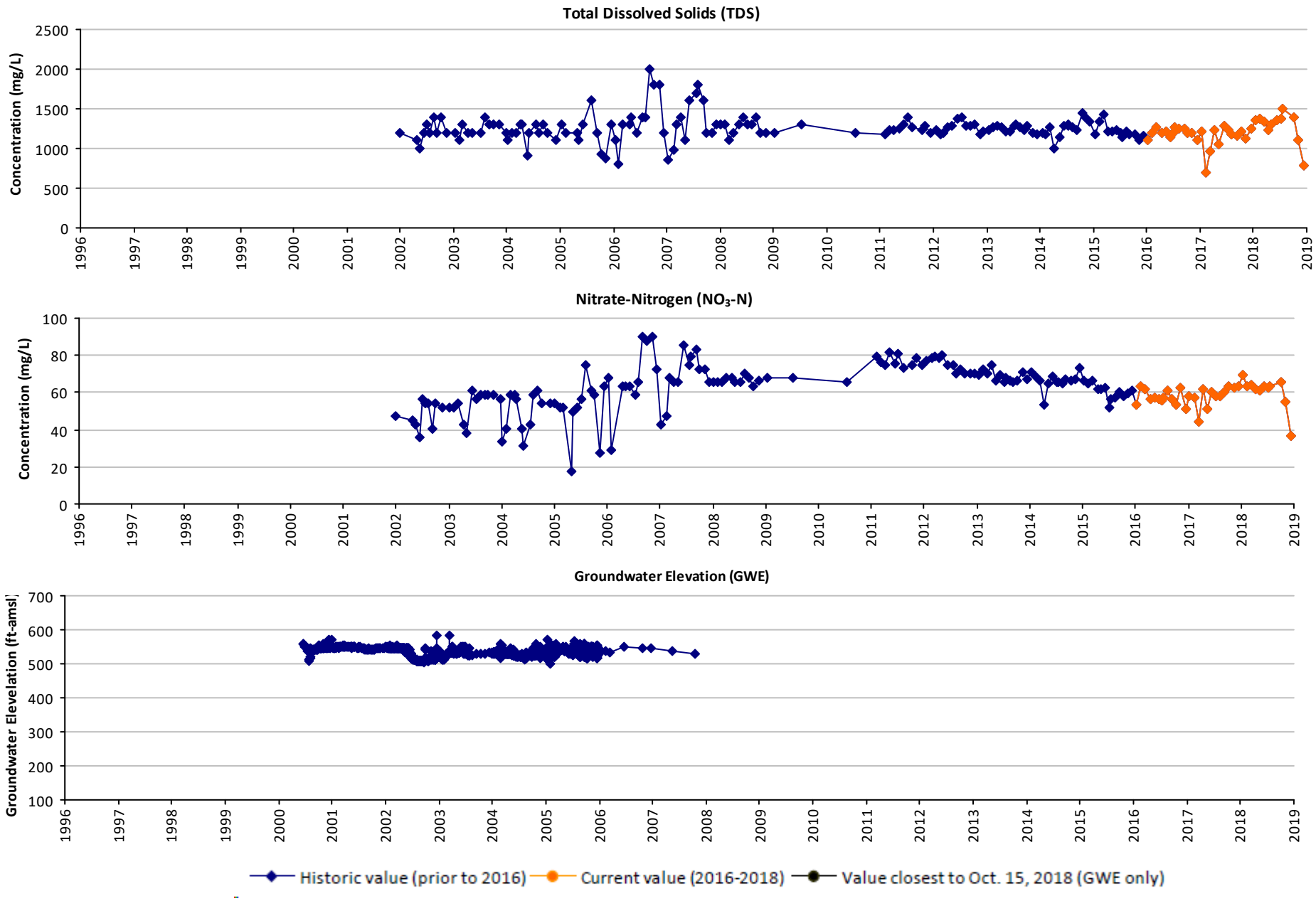
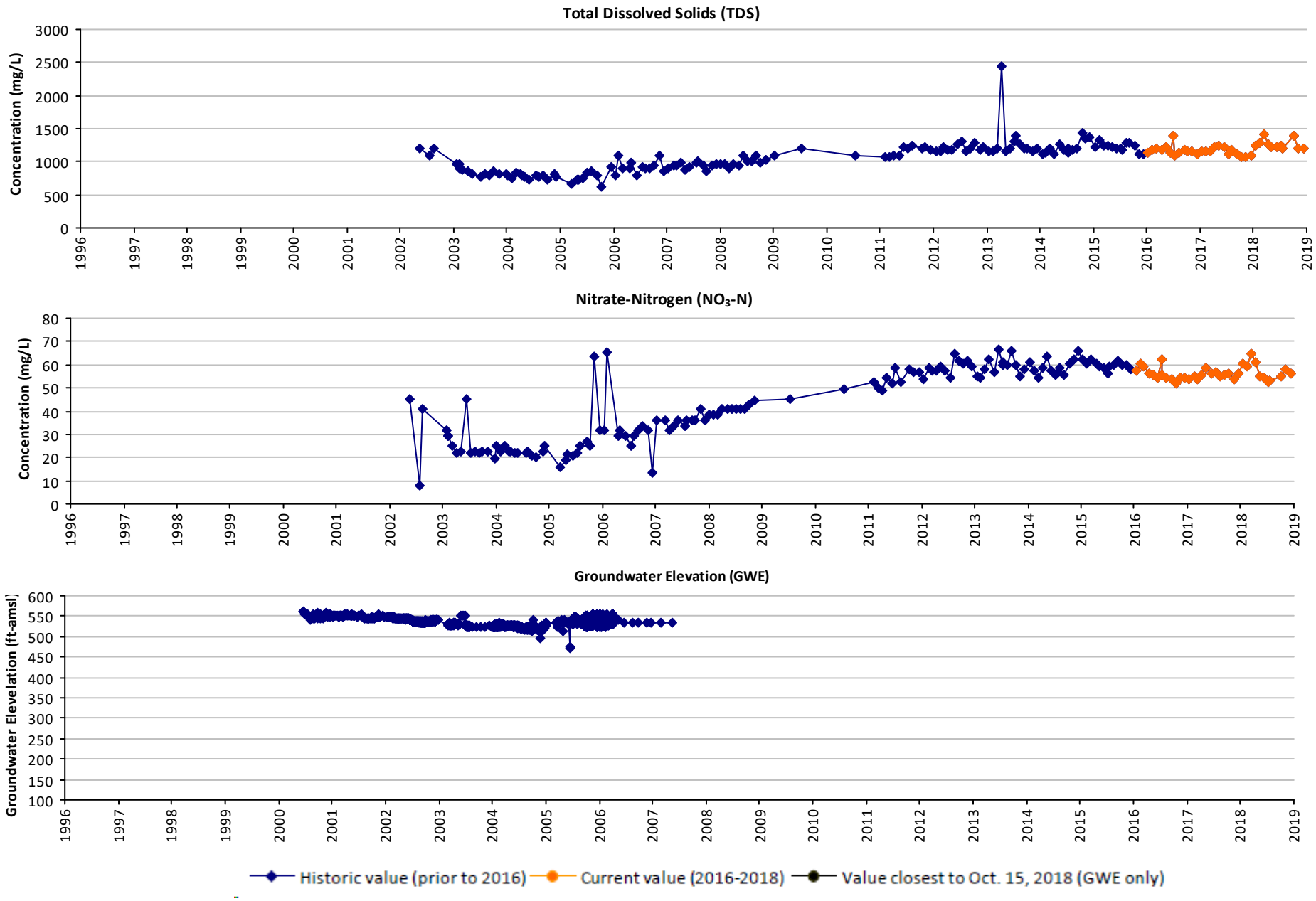

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
100
80
60
40
20
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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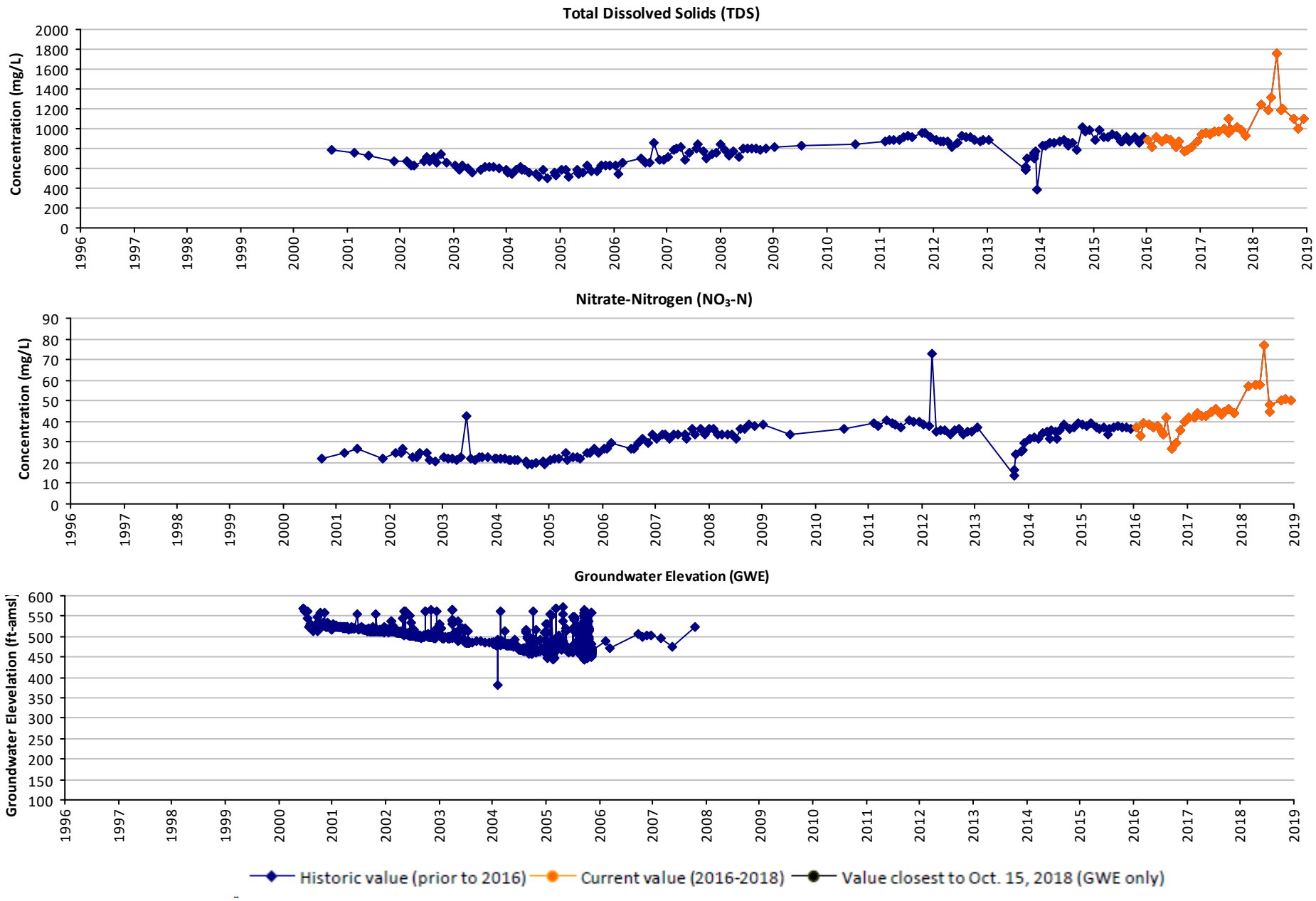
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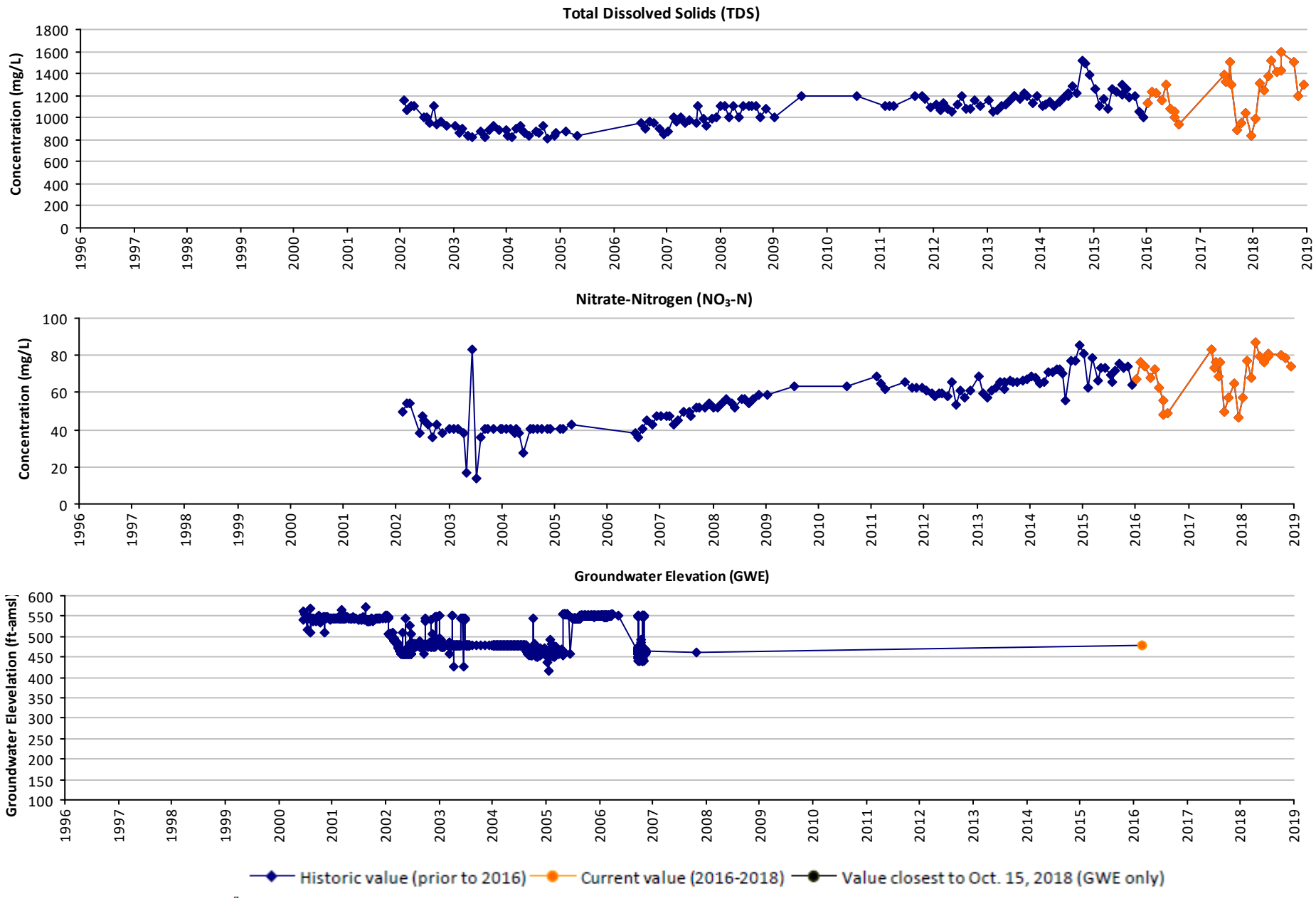
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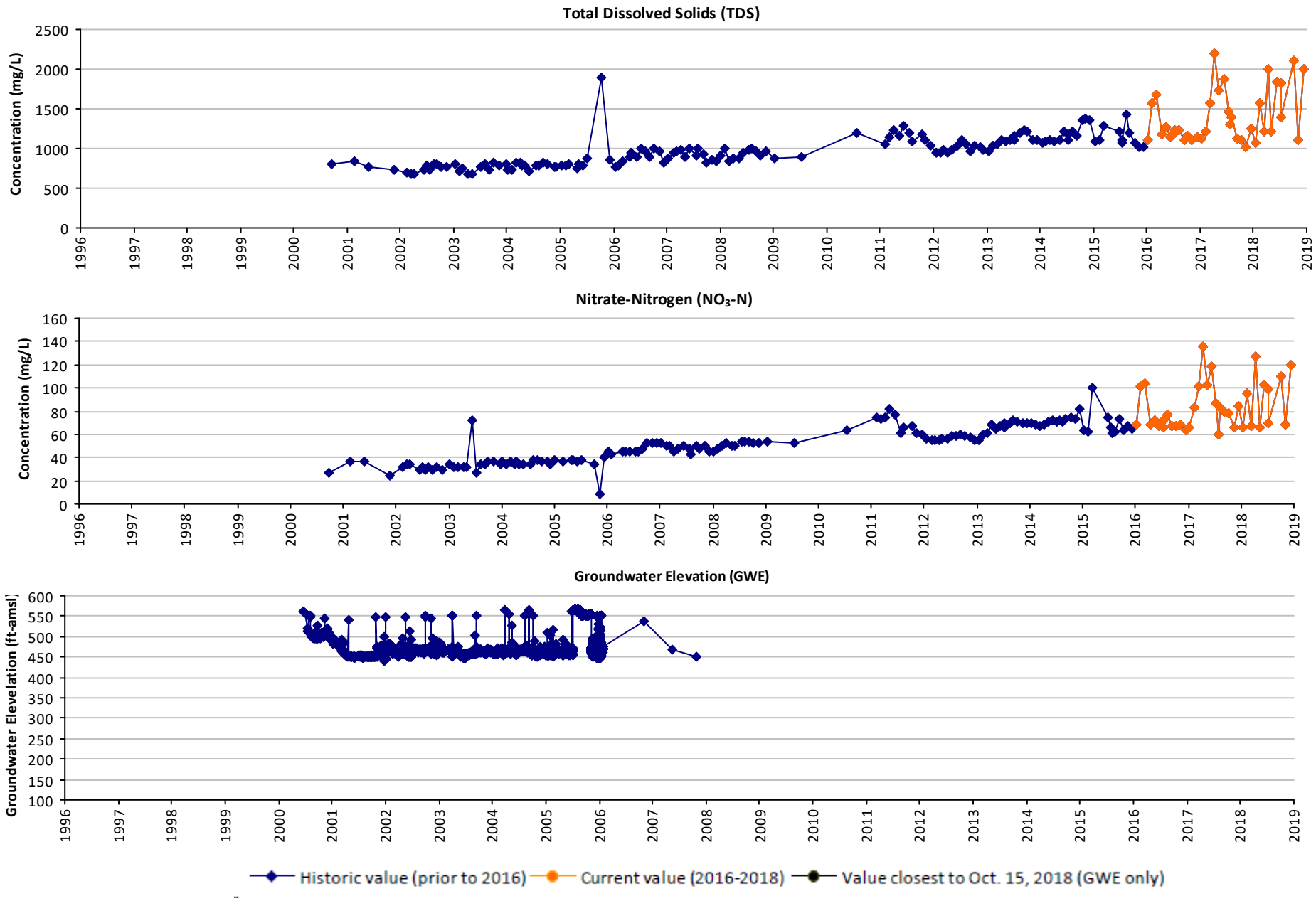
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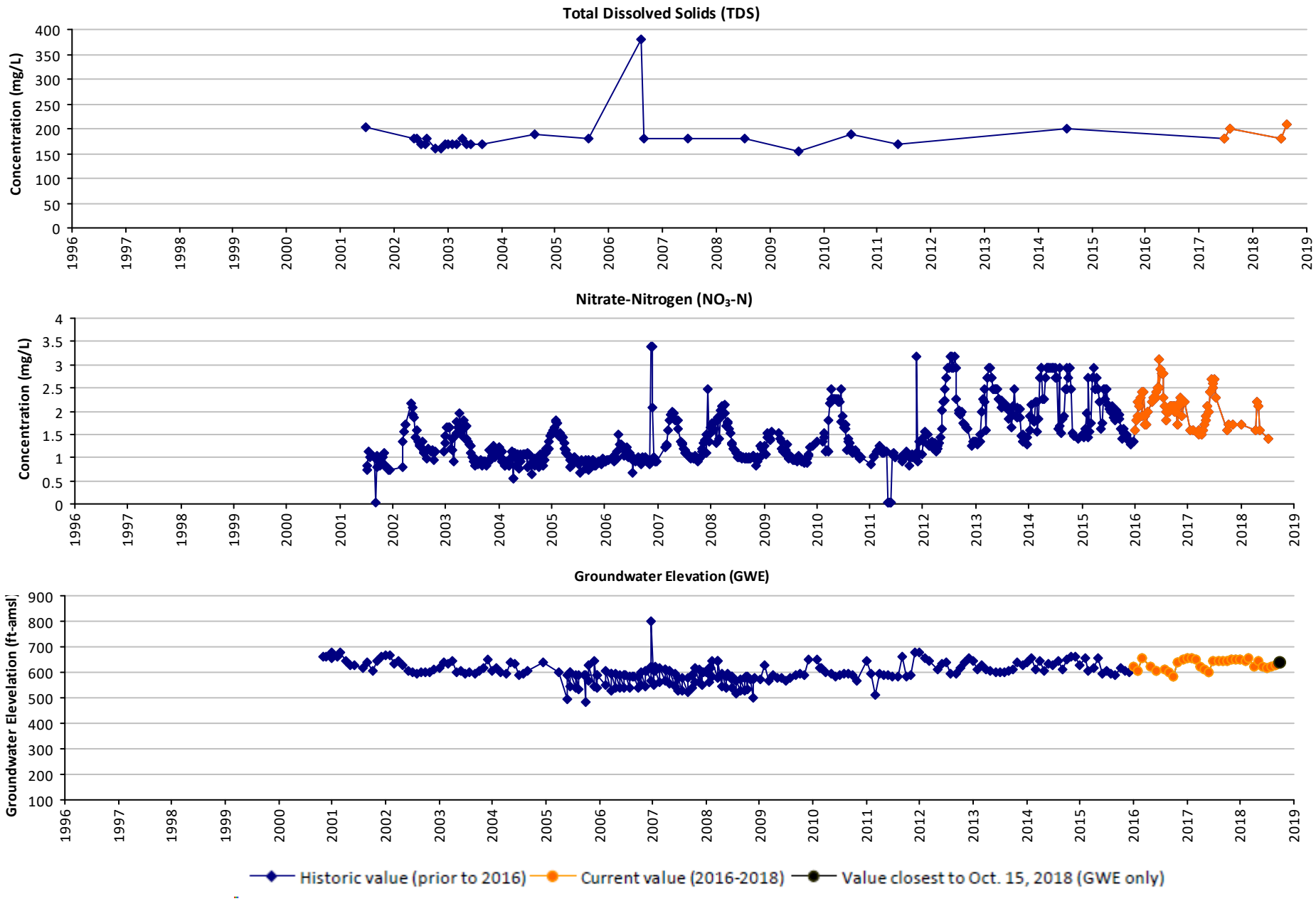
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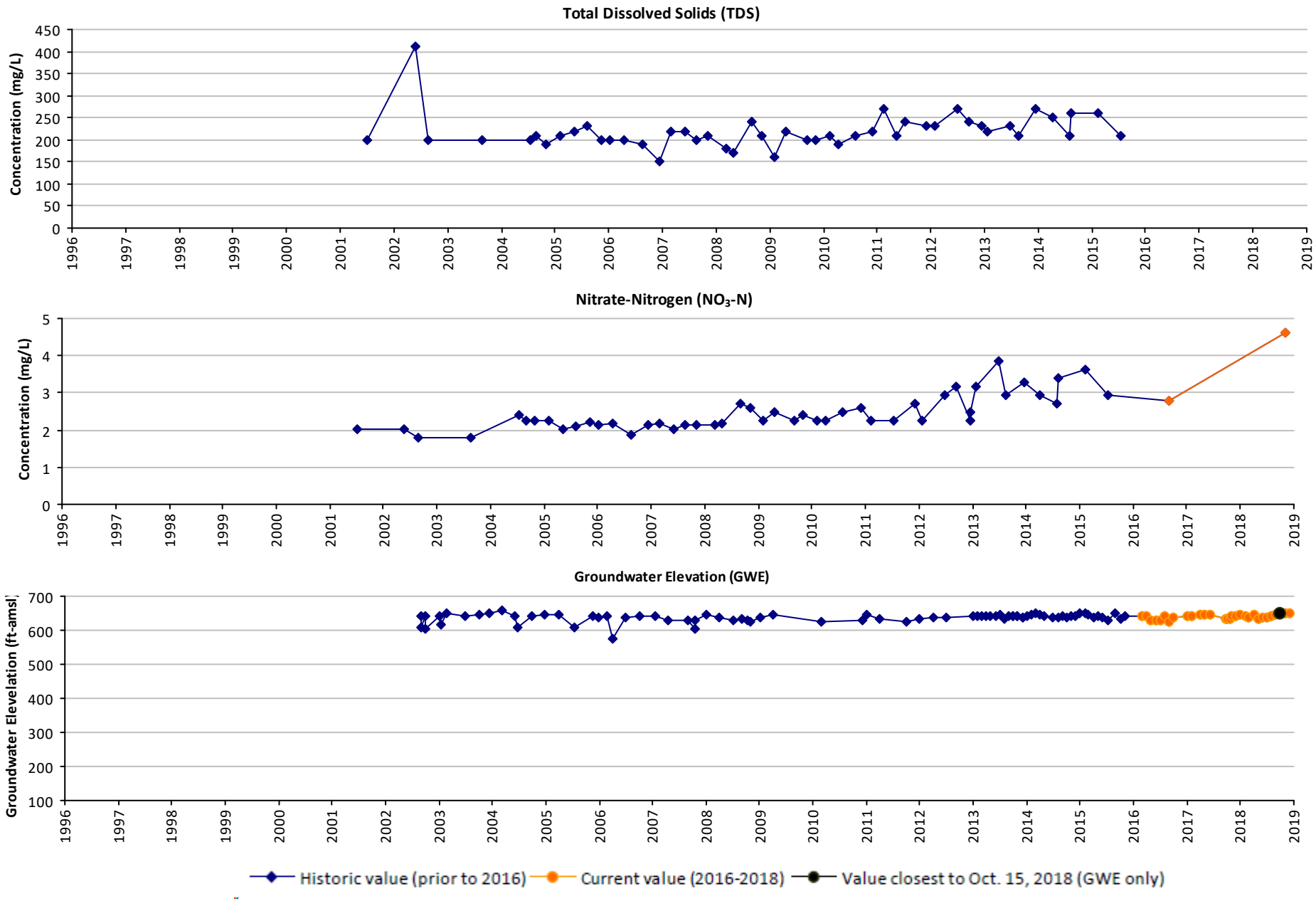
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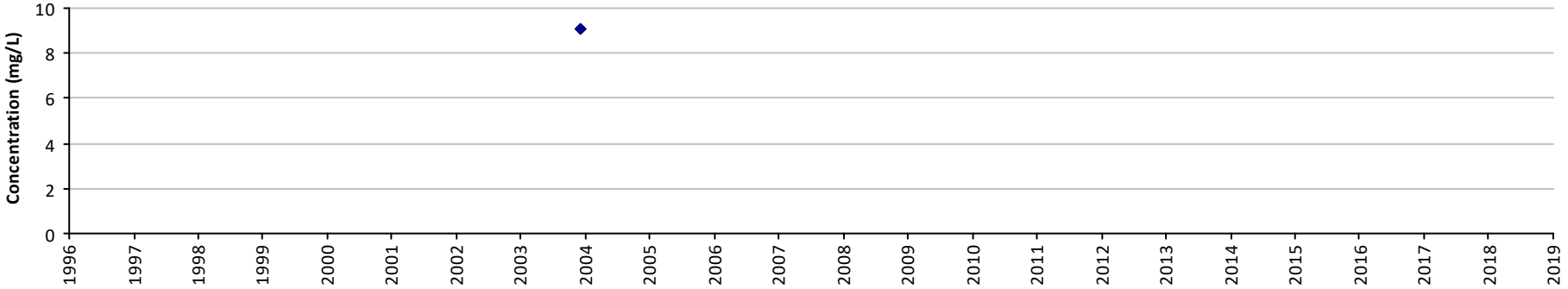
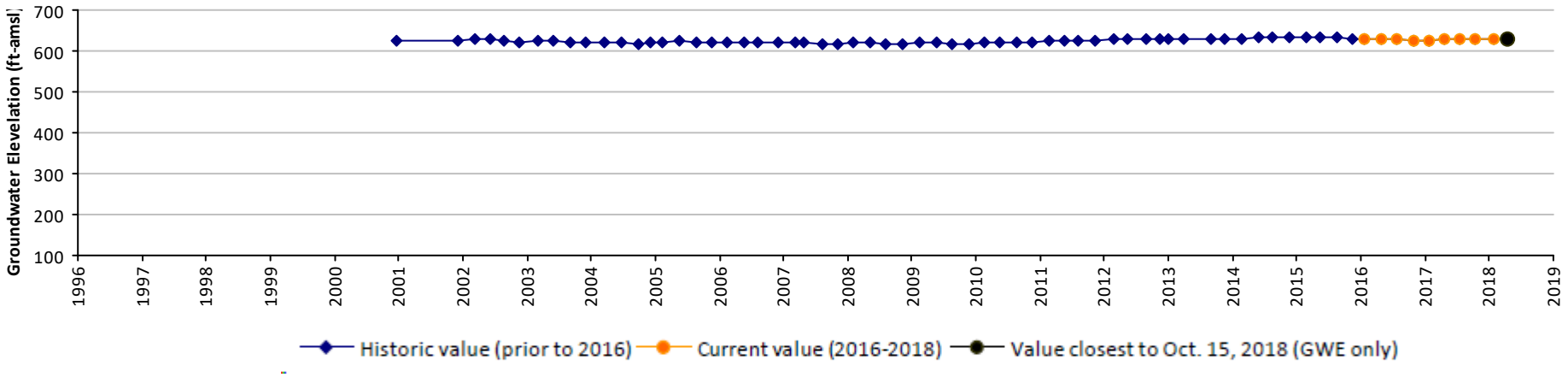


Groundwater Elevation (GWE)



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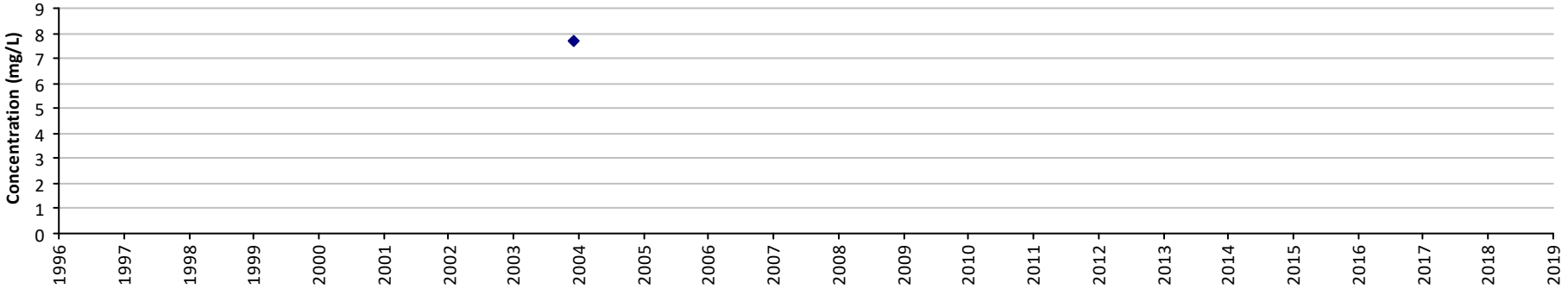

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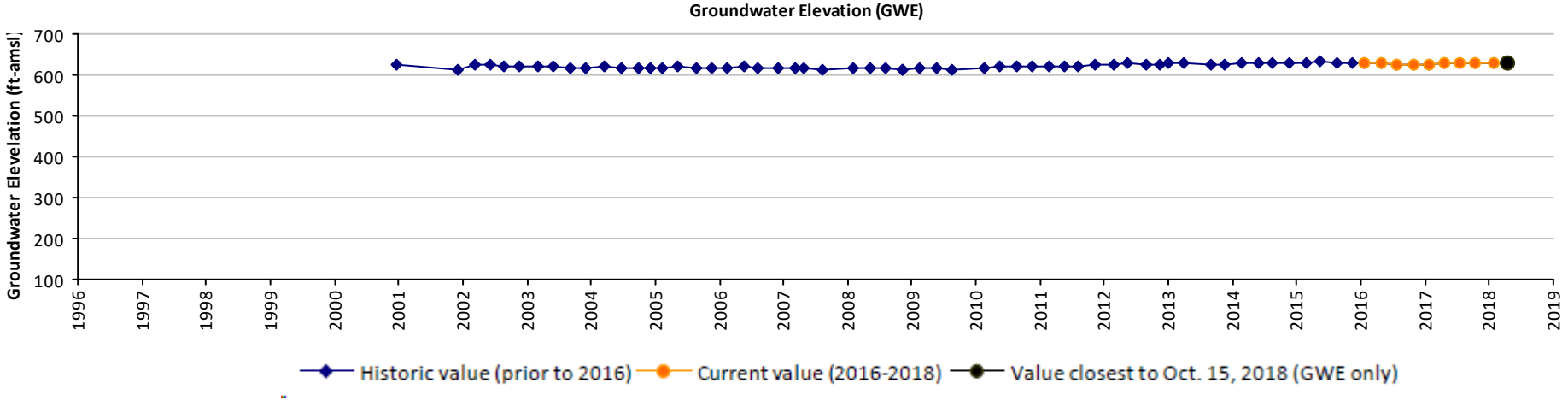

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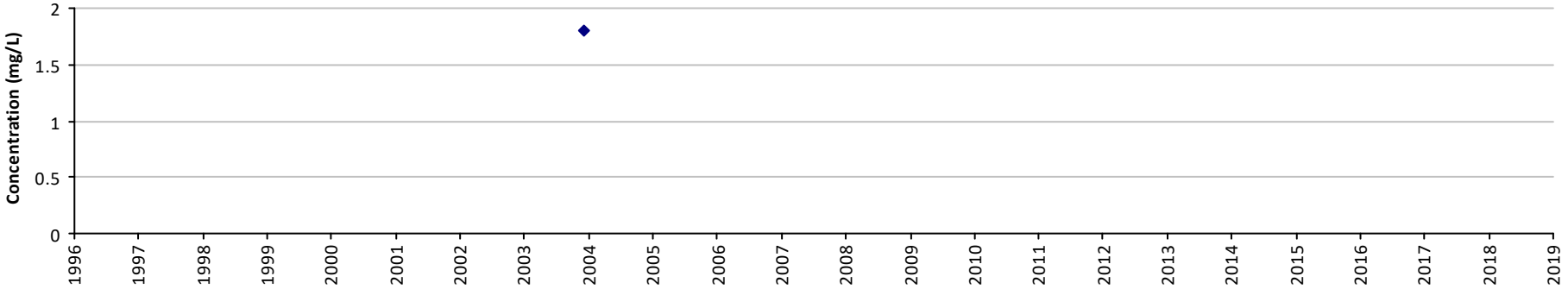

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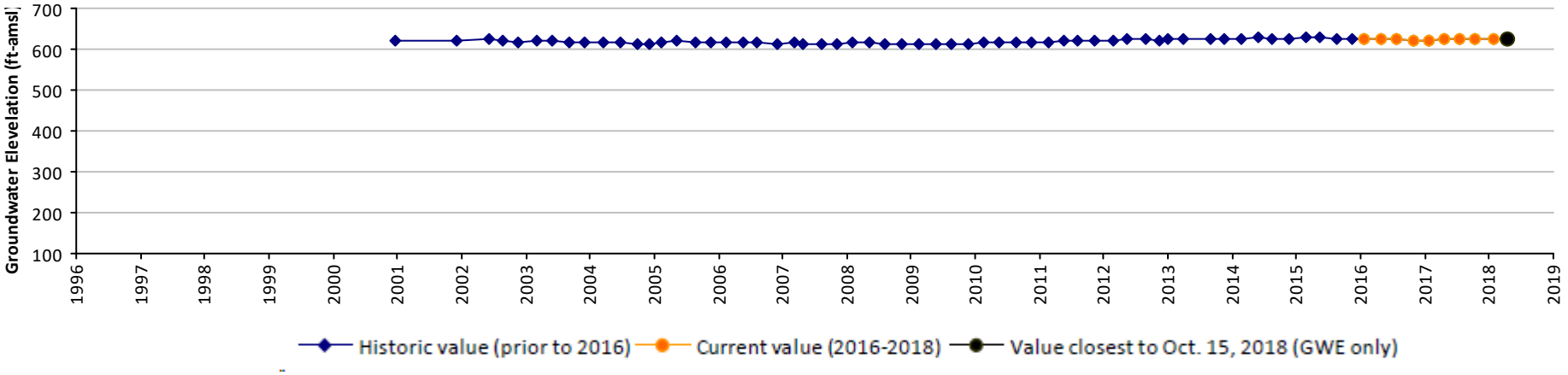

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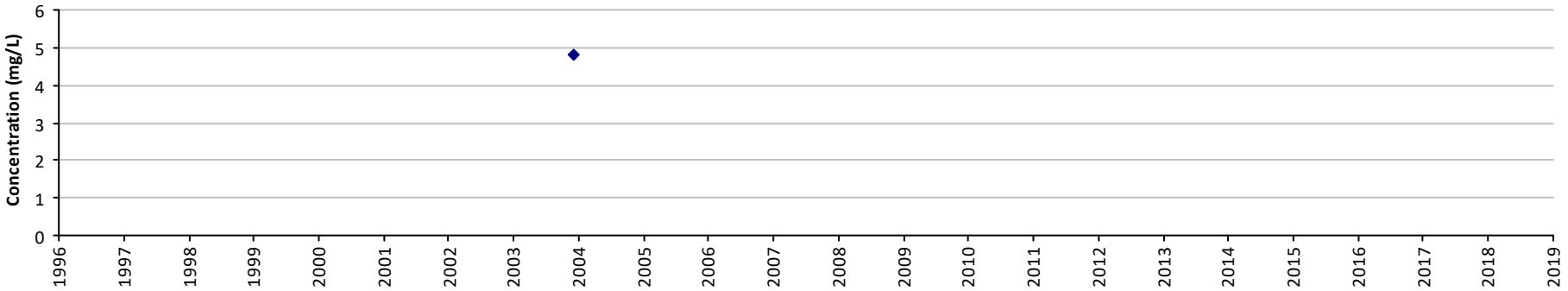

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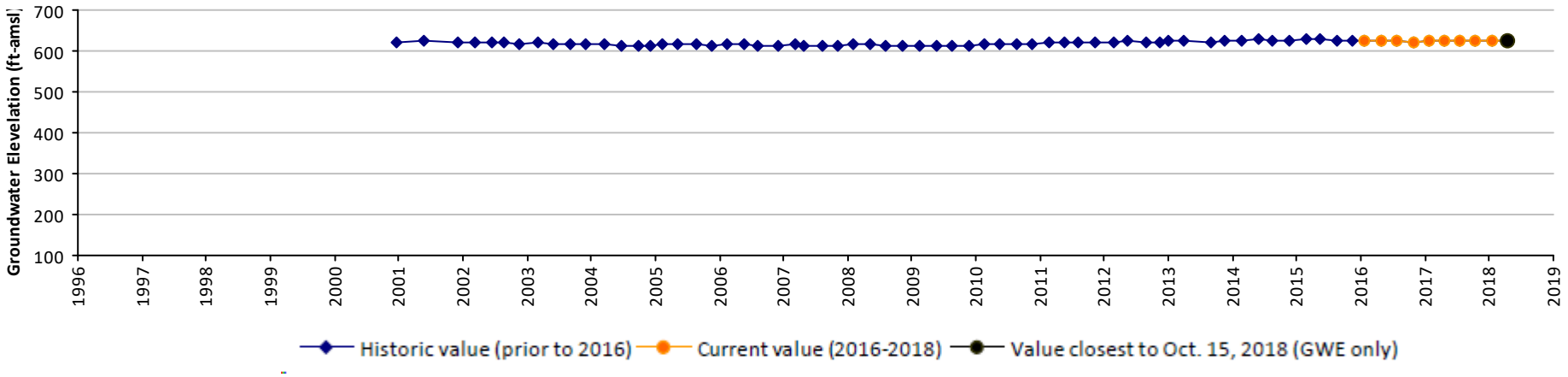

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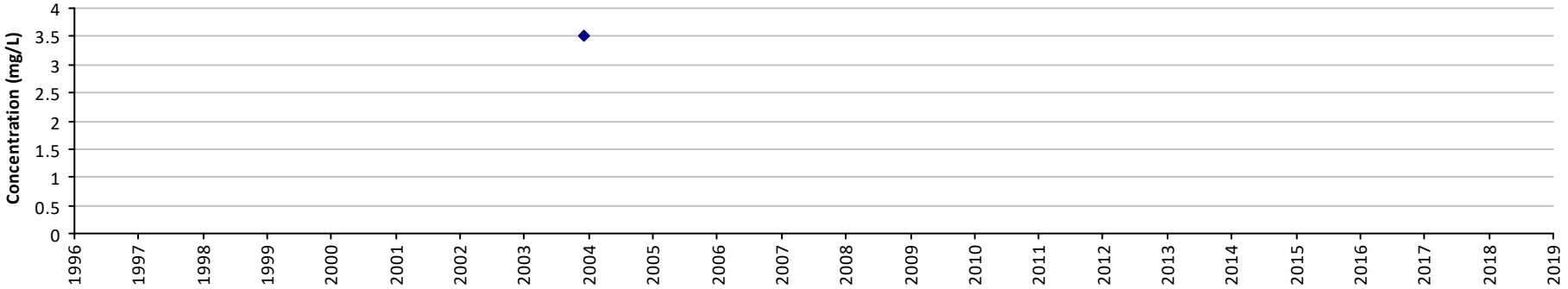

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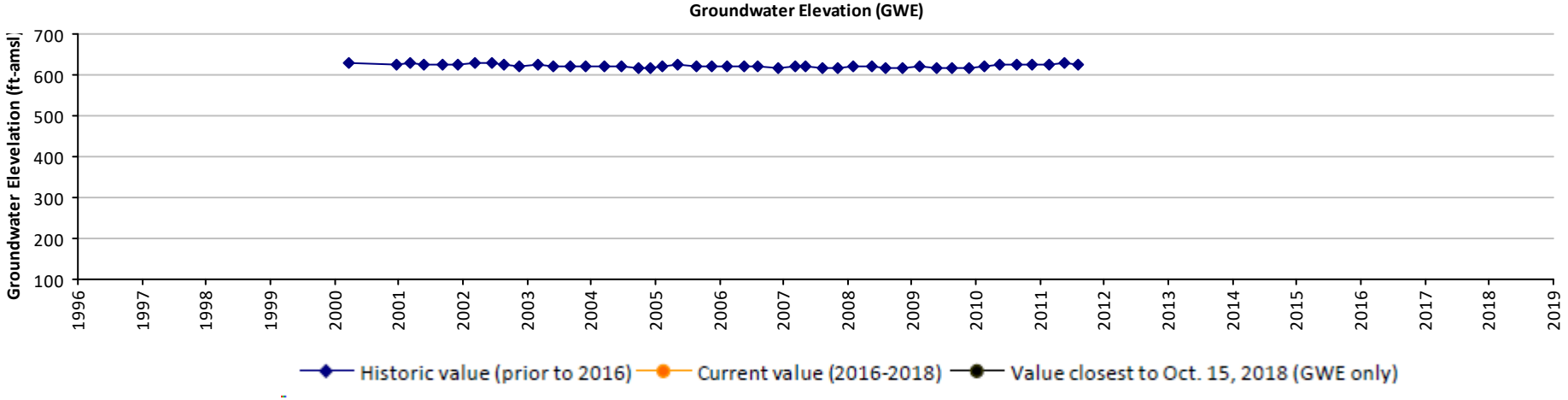

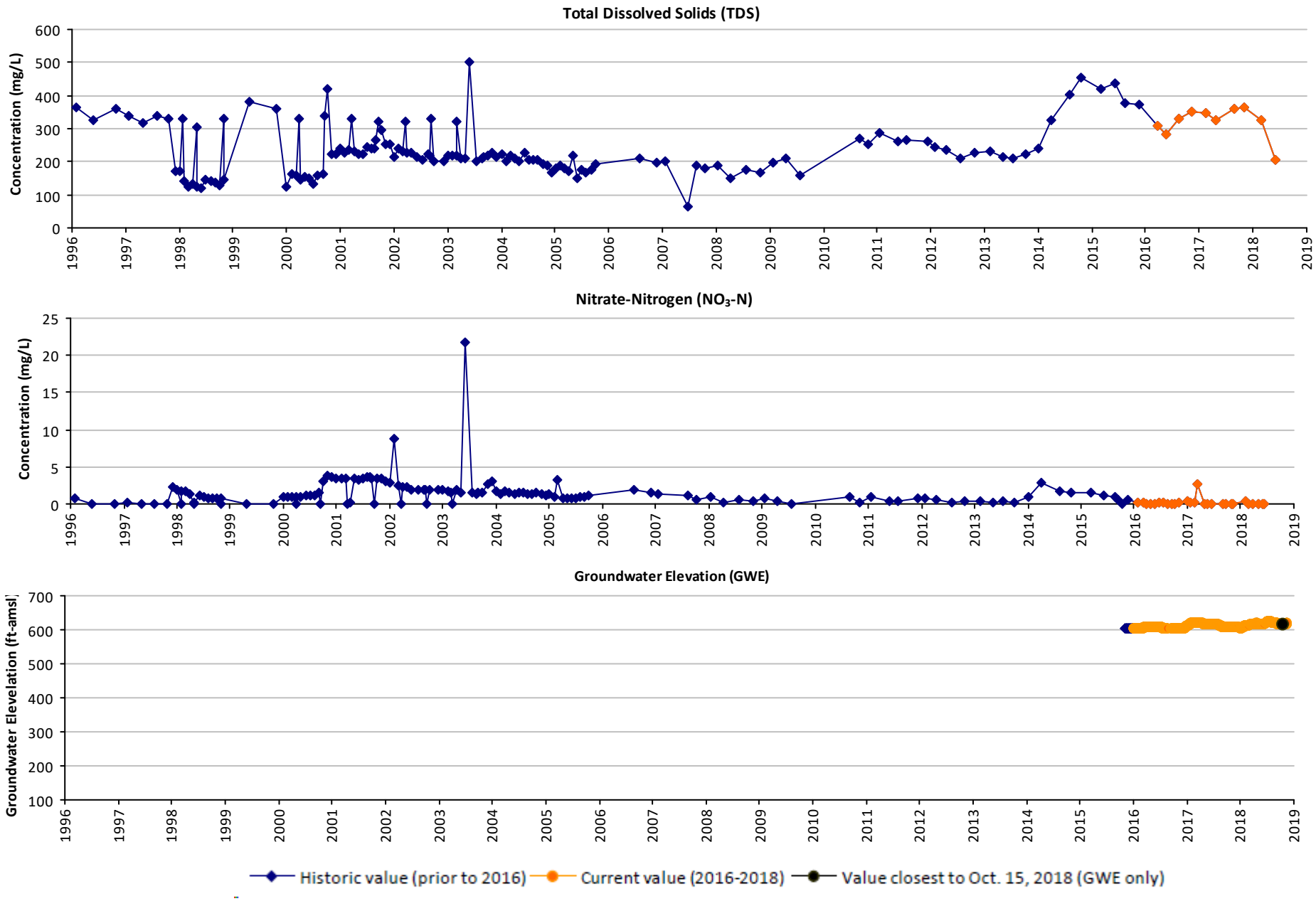
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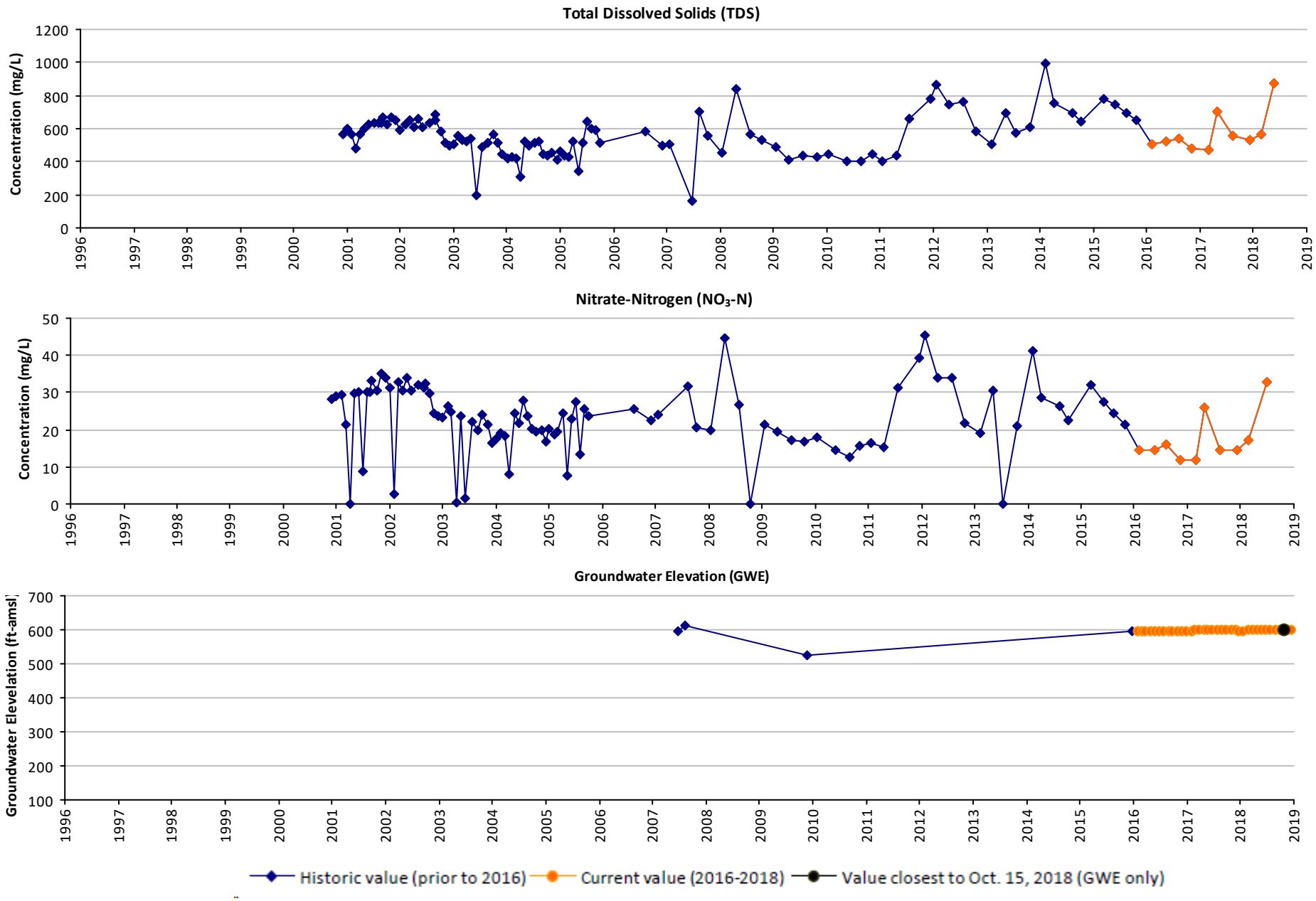
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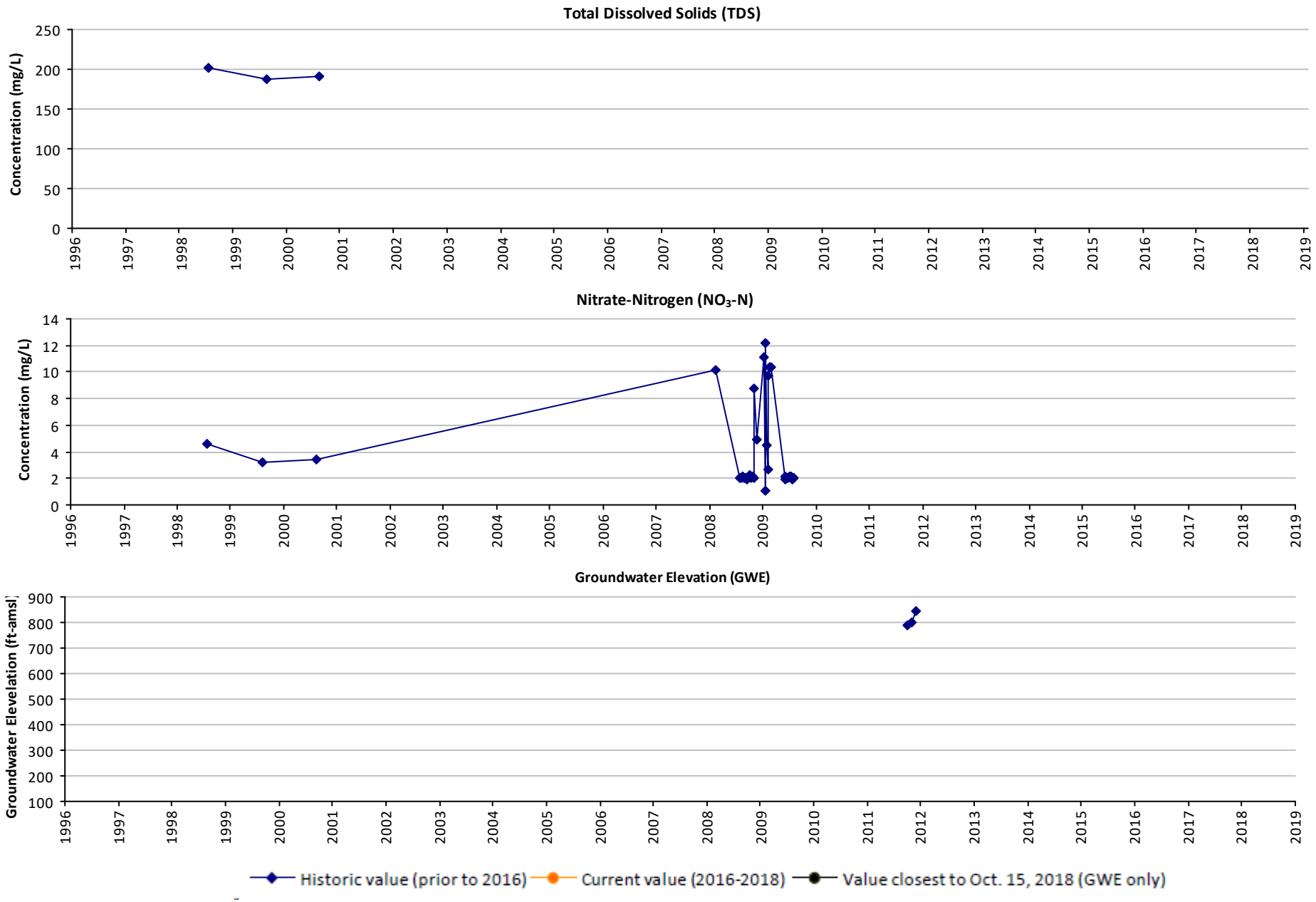
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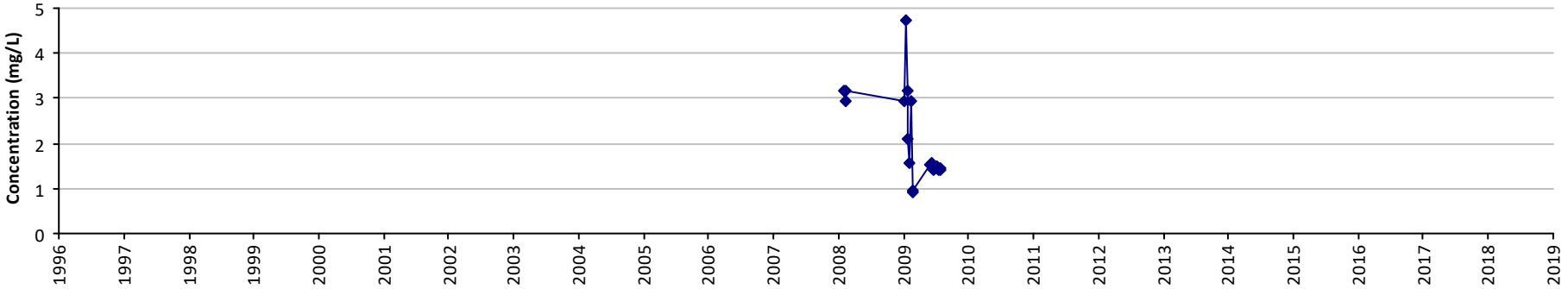
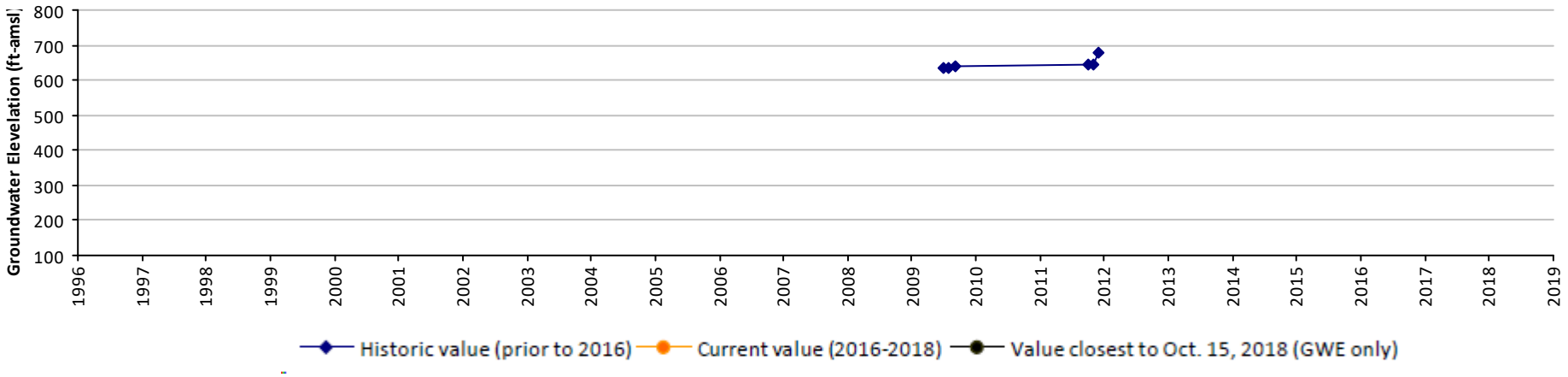
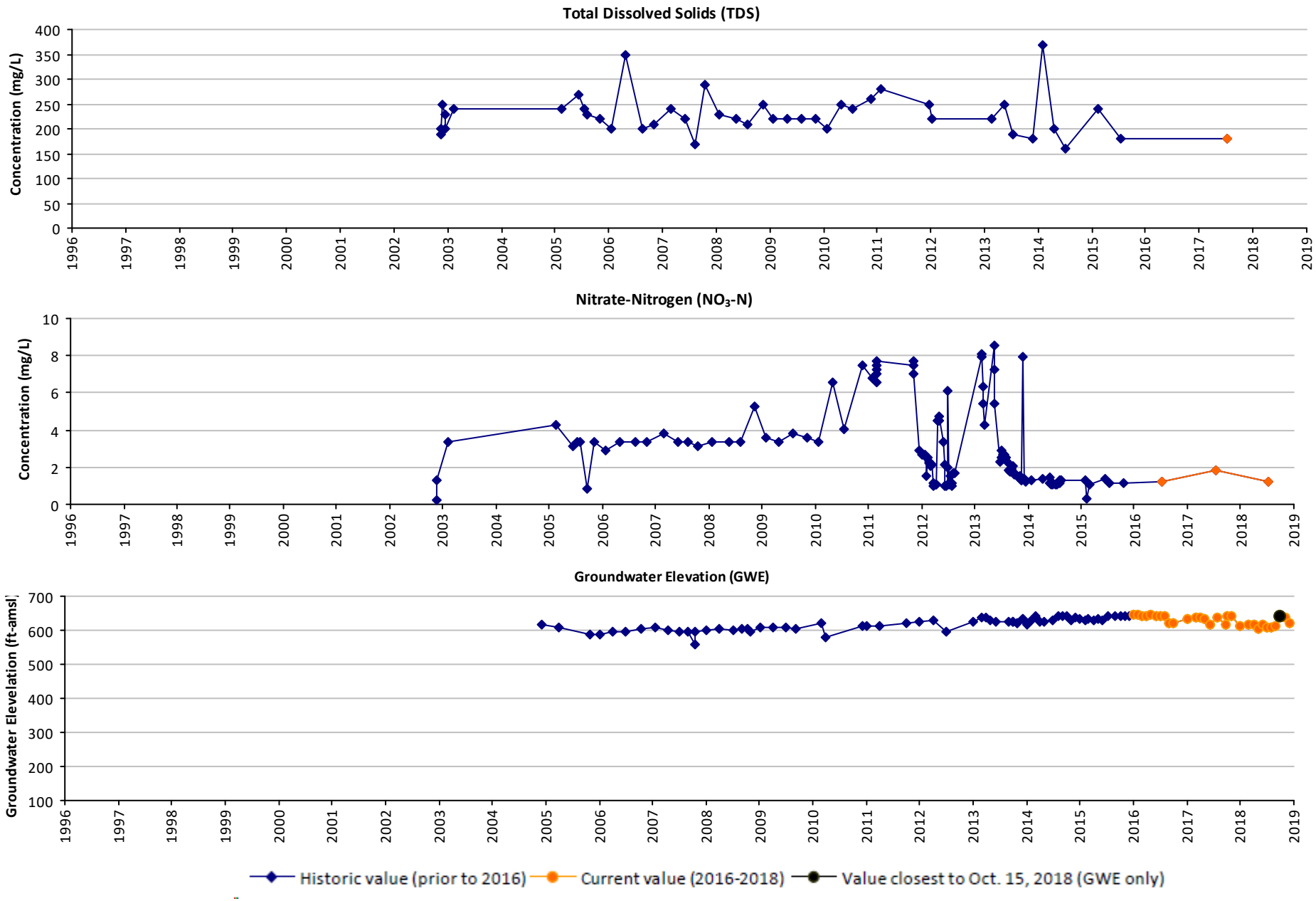


Groundwater Elevation (GWE)

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Nitrate-Nitrogen (NO_3-N)
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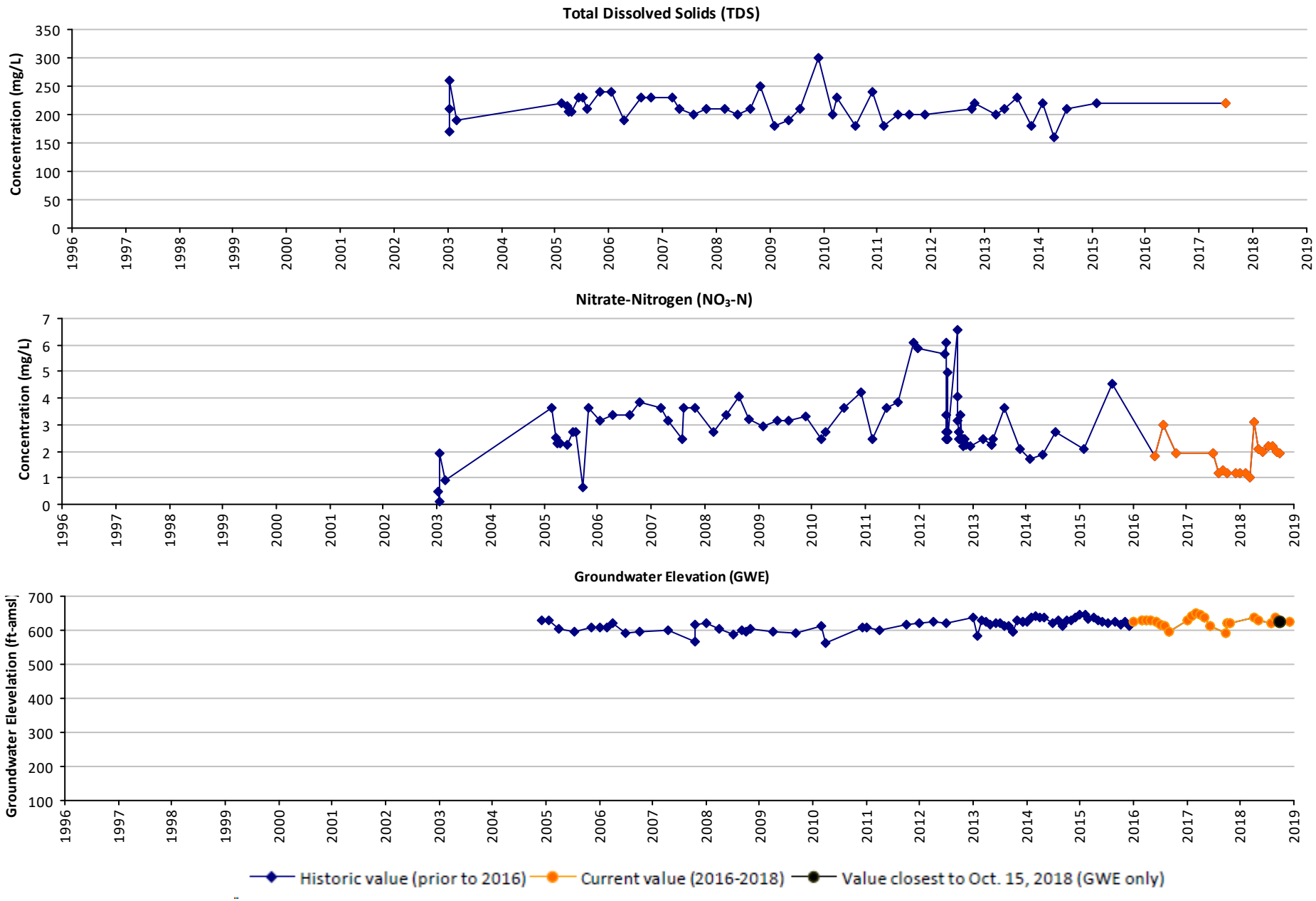
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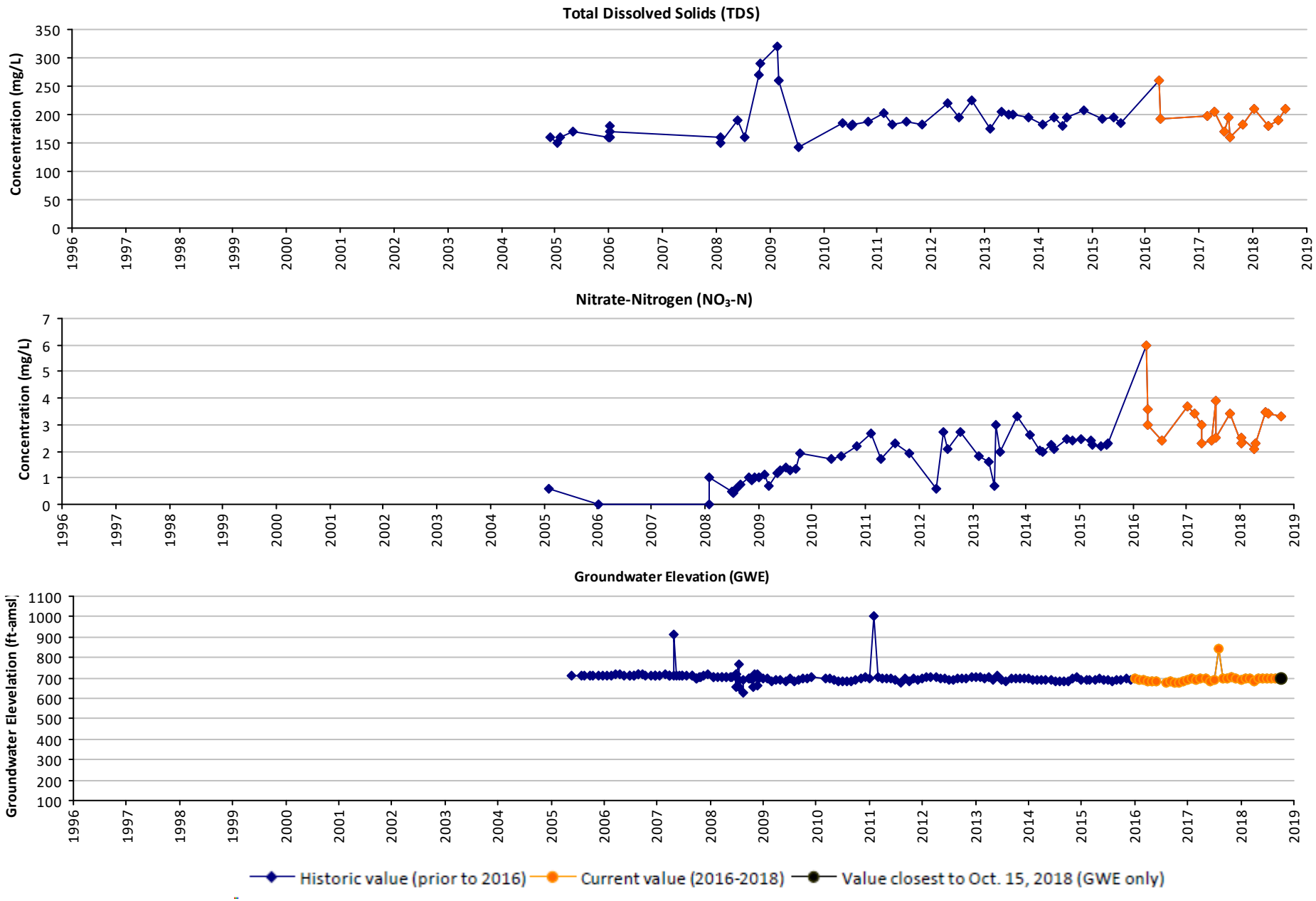
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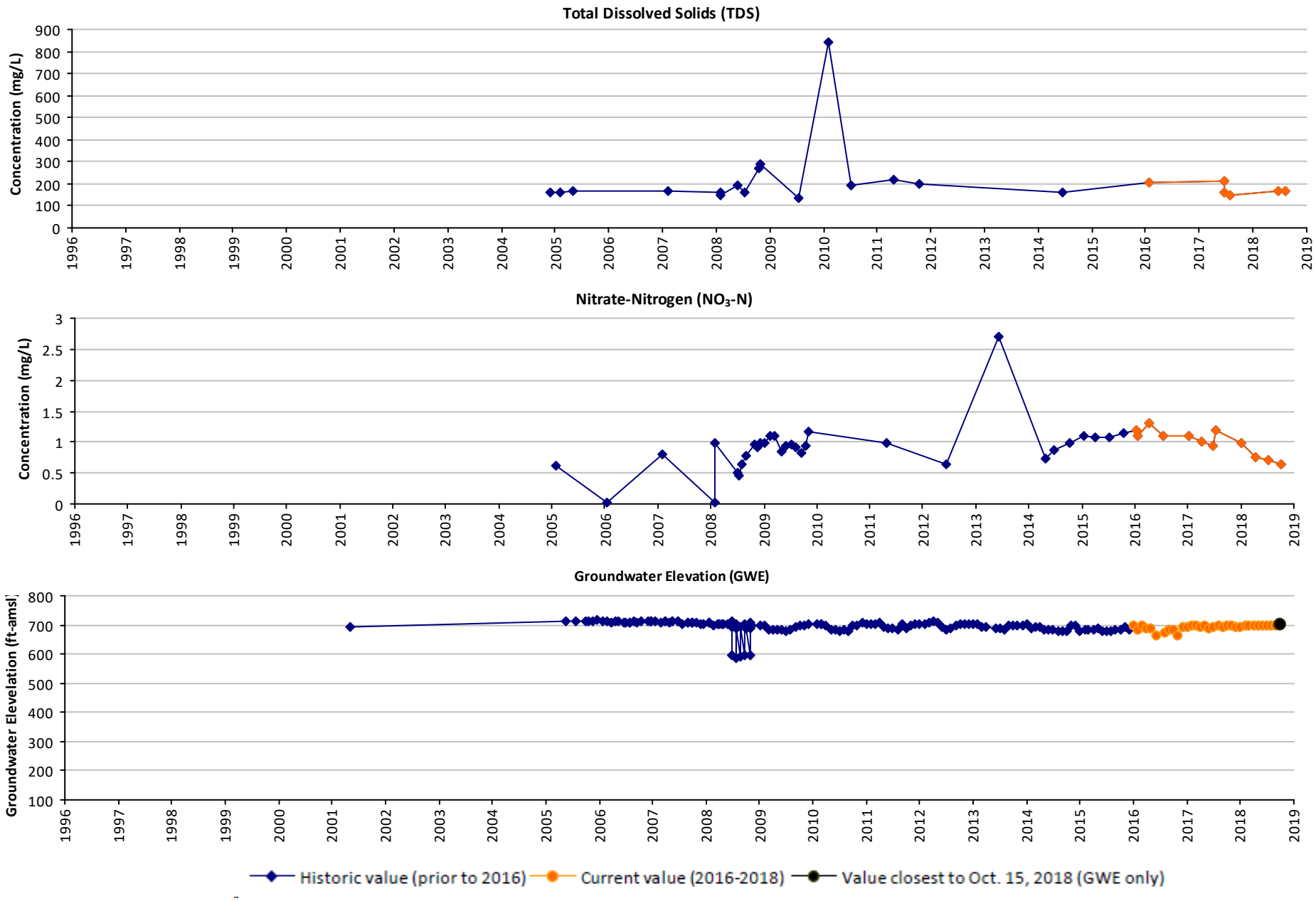
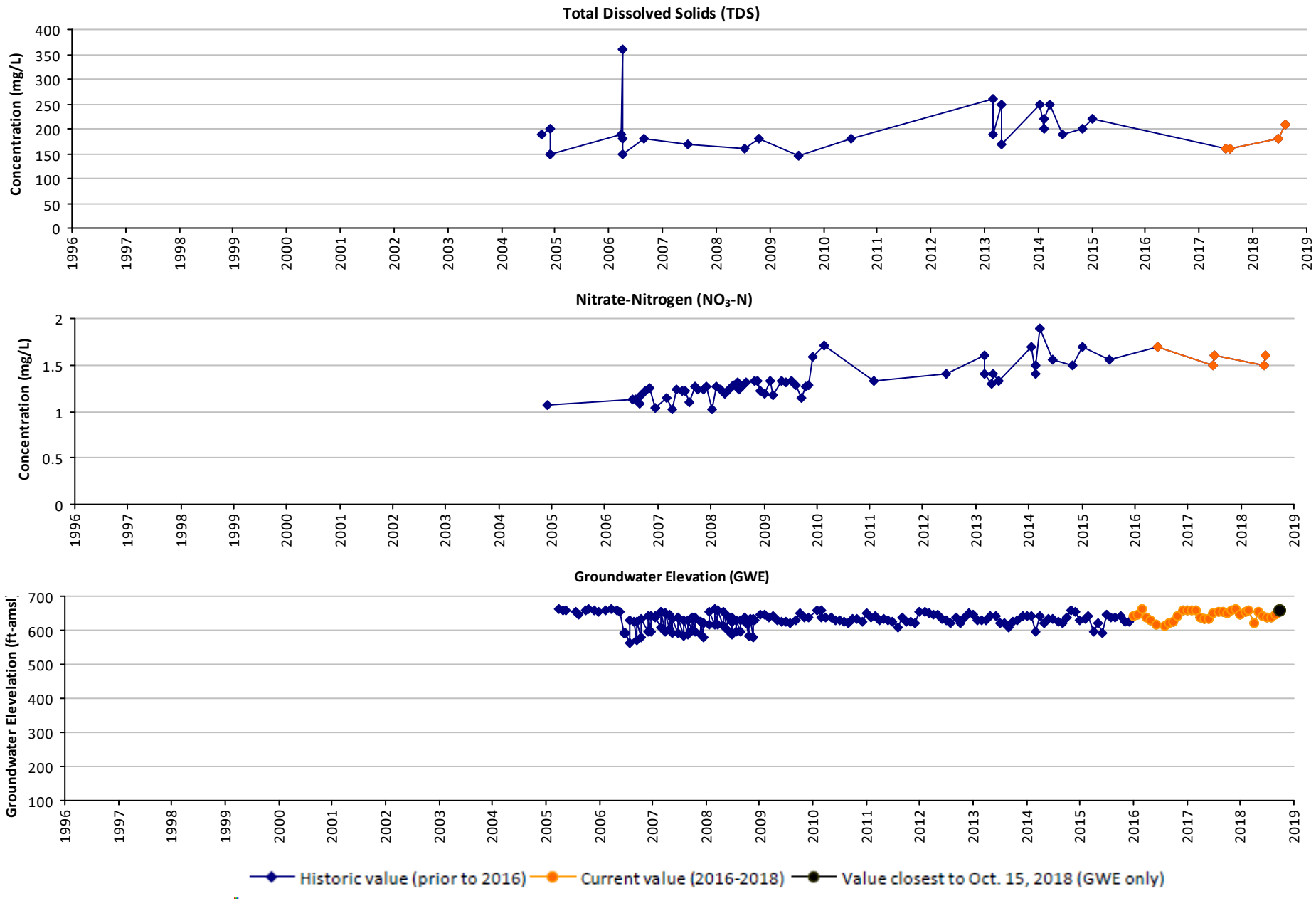
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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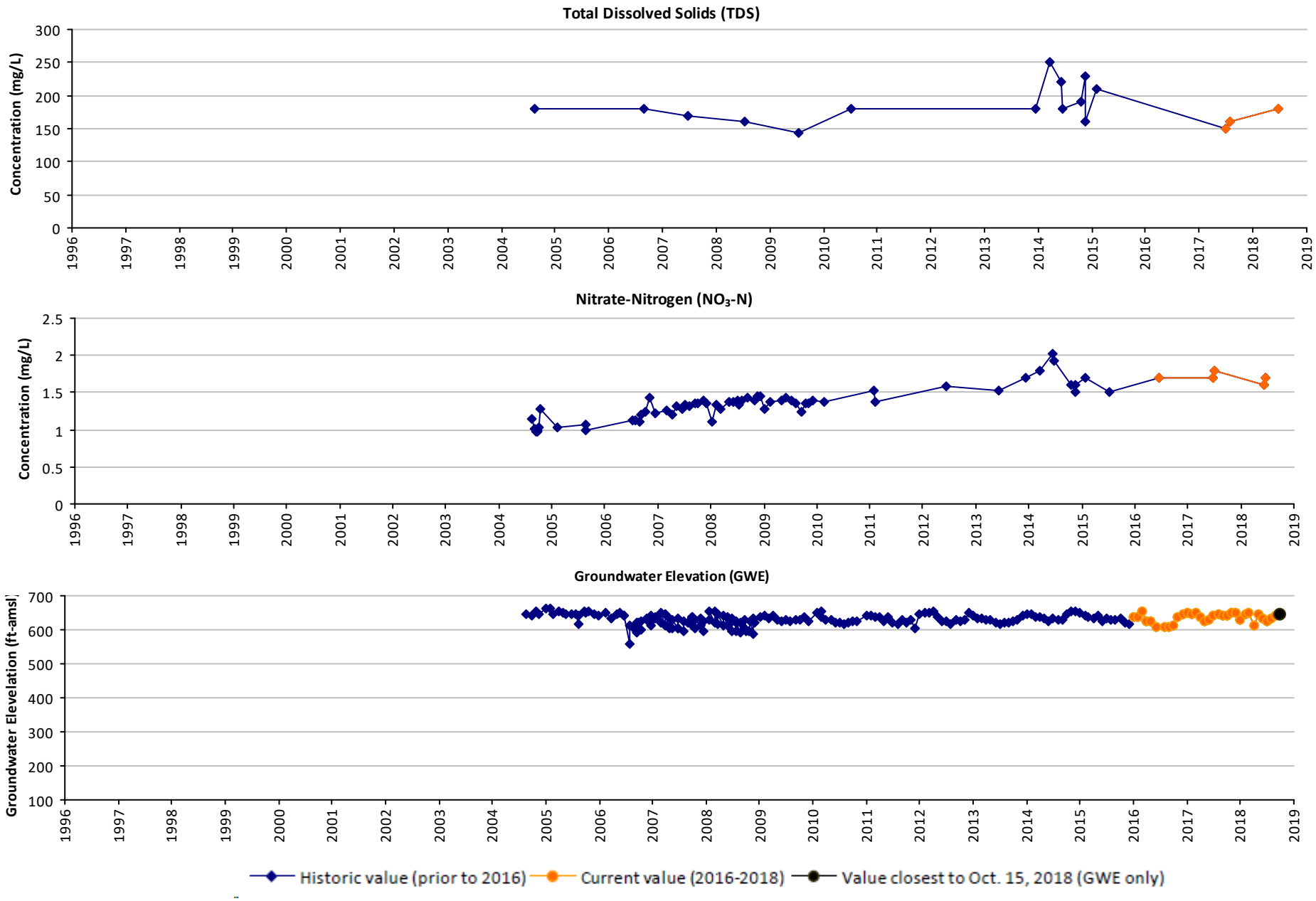
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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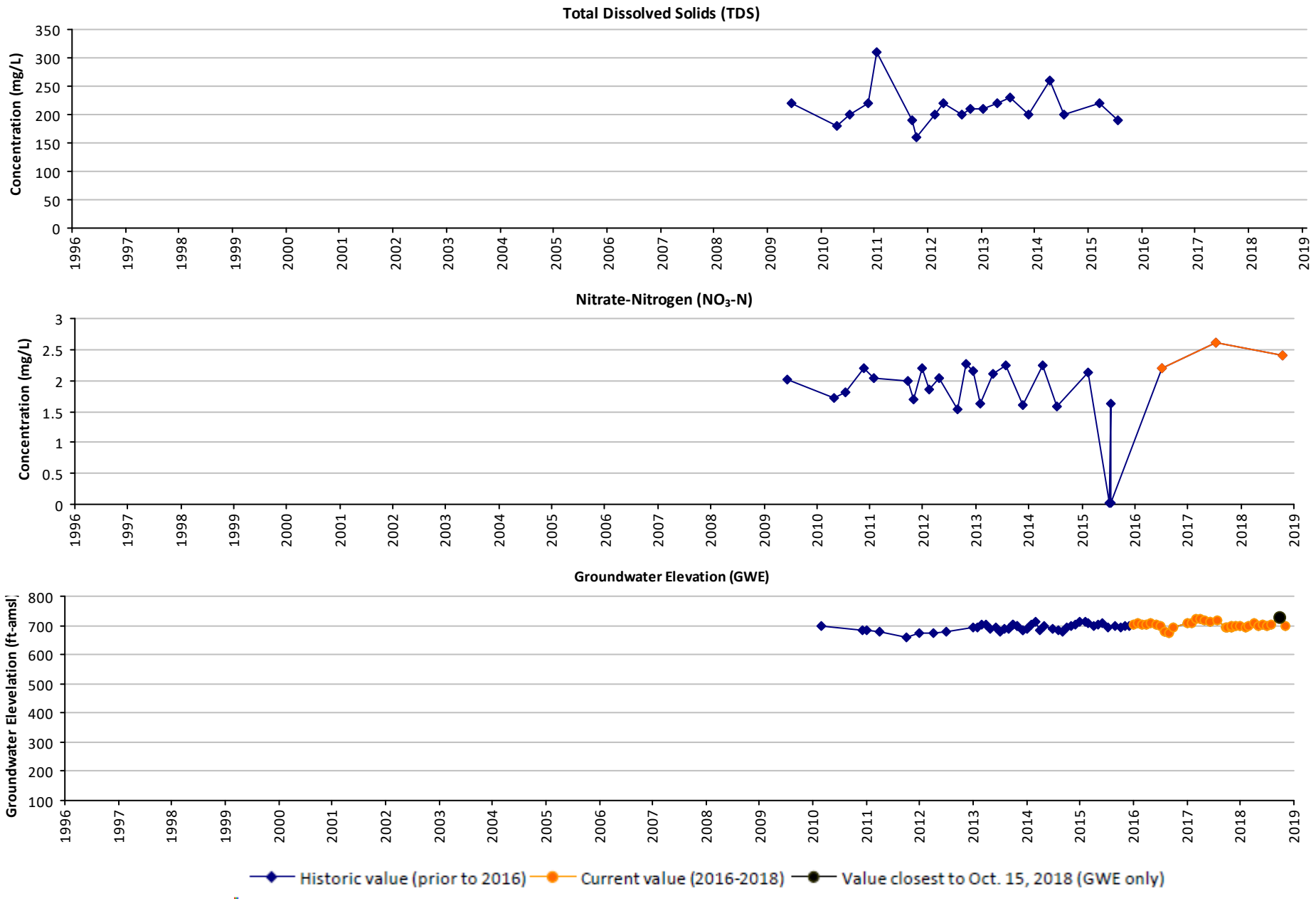
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
Current value (2016-2018)
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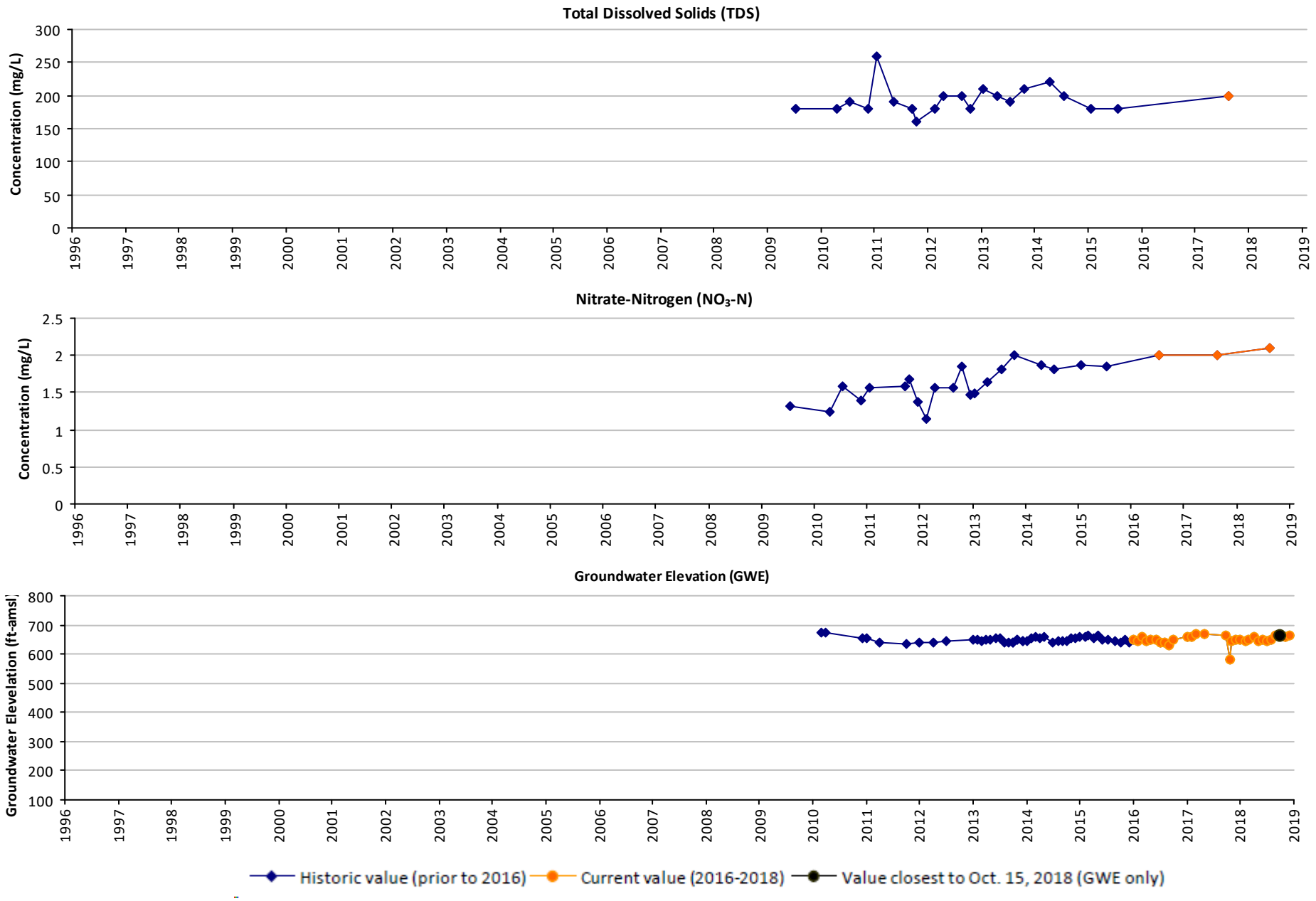
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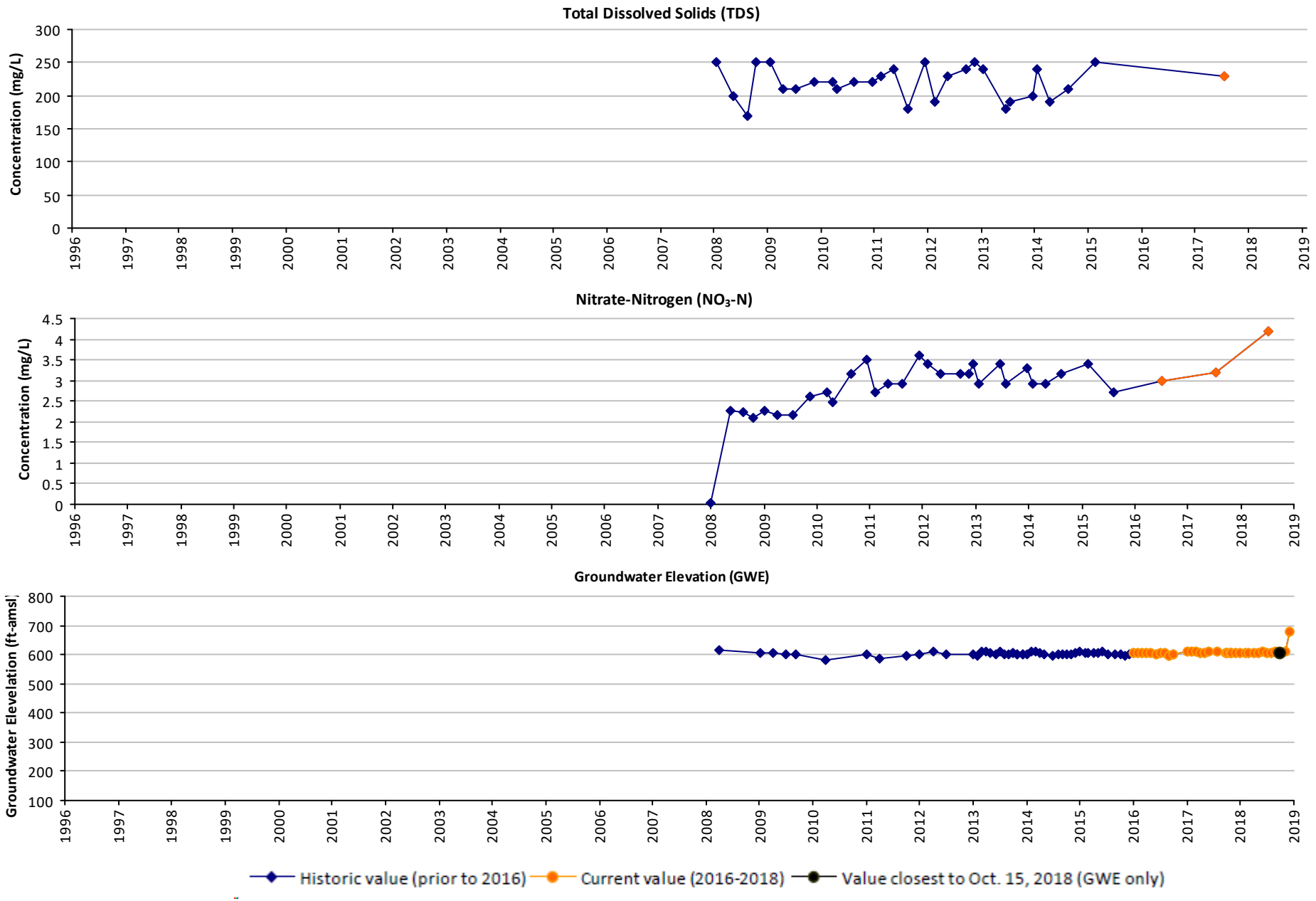
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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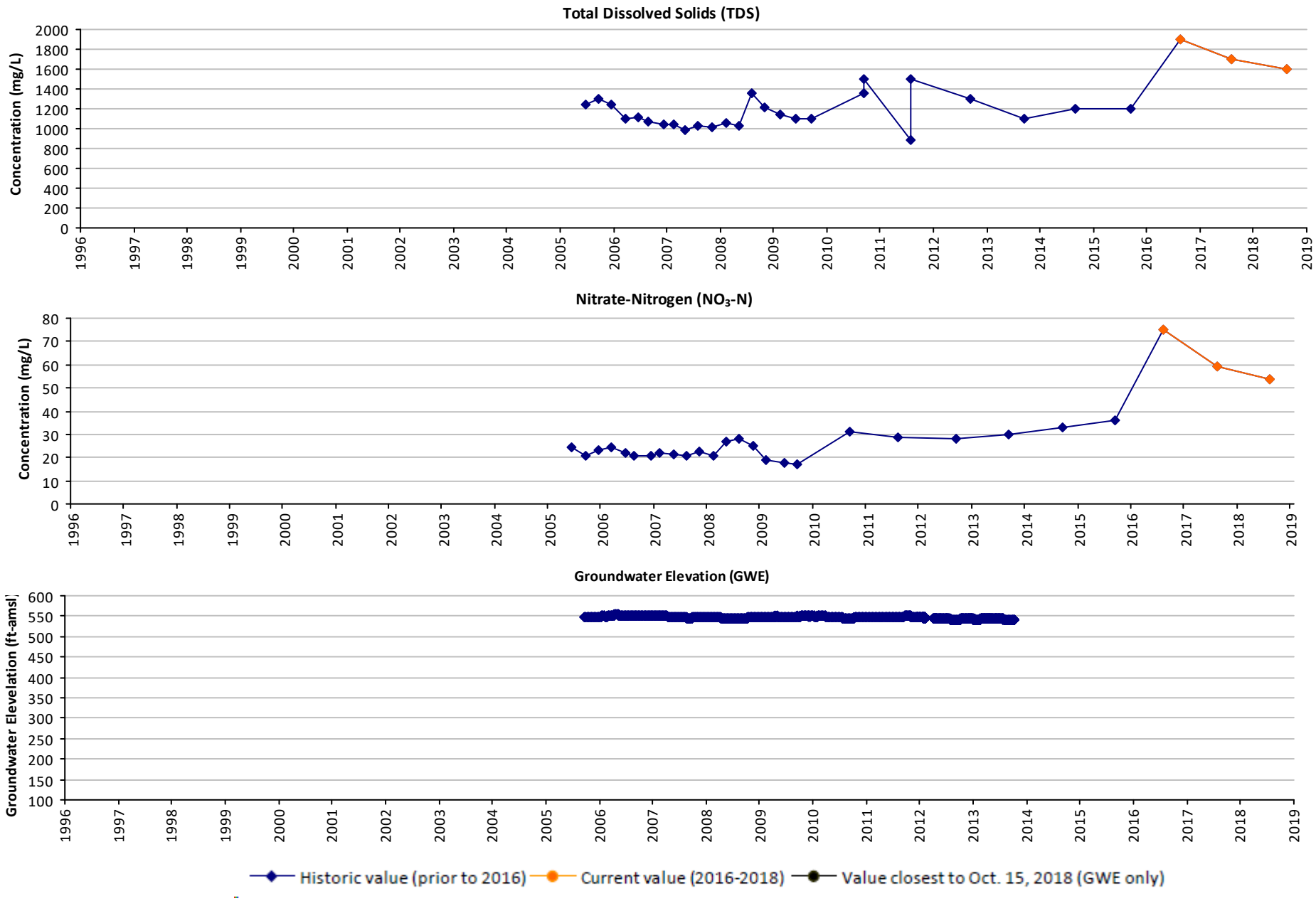
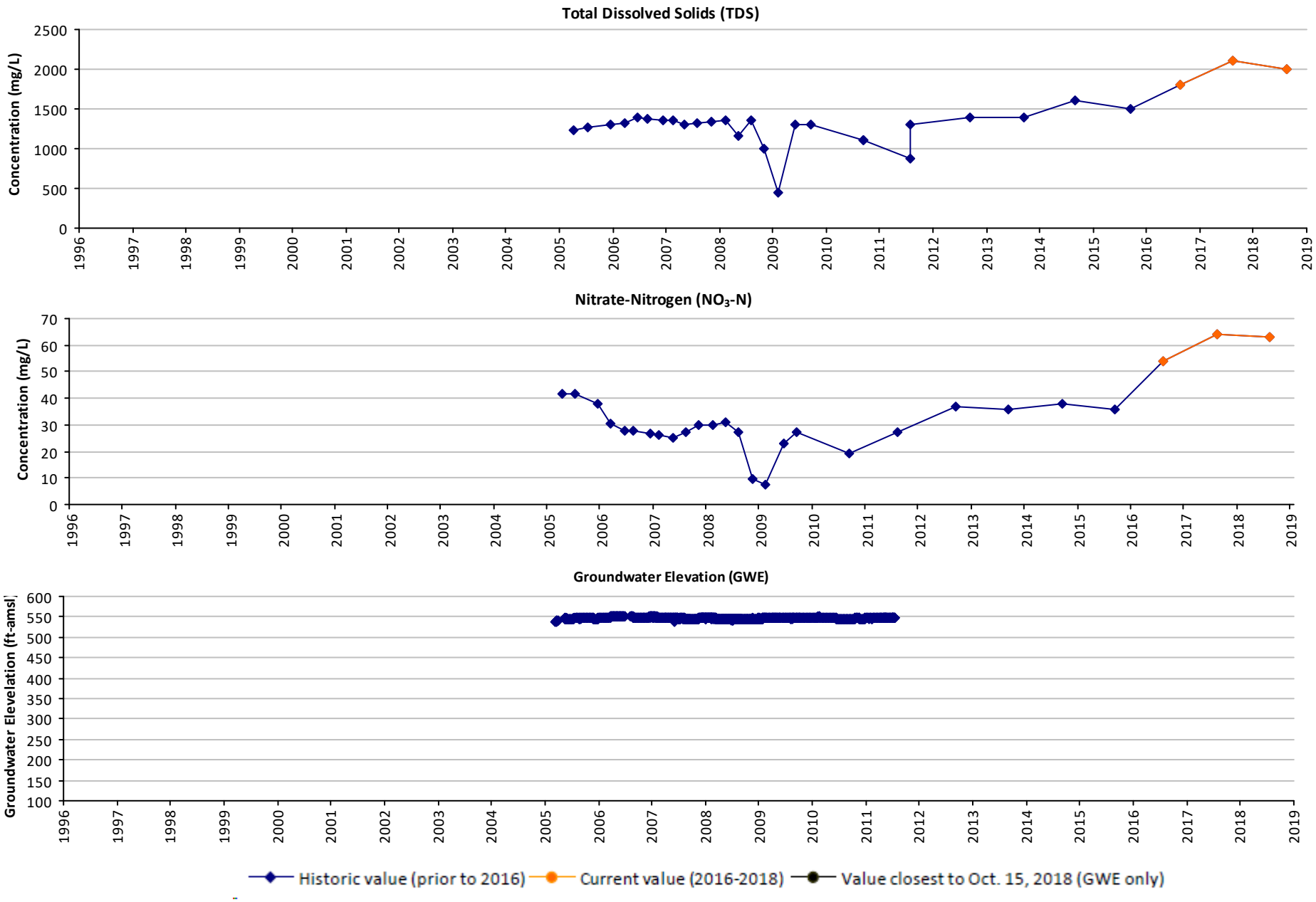
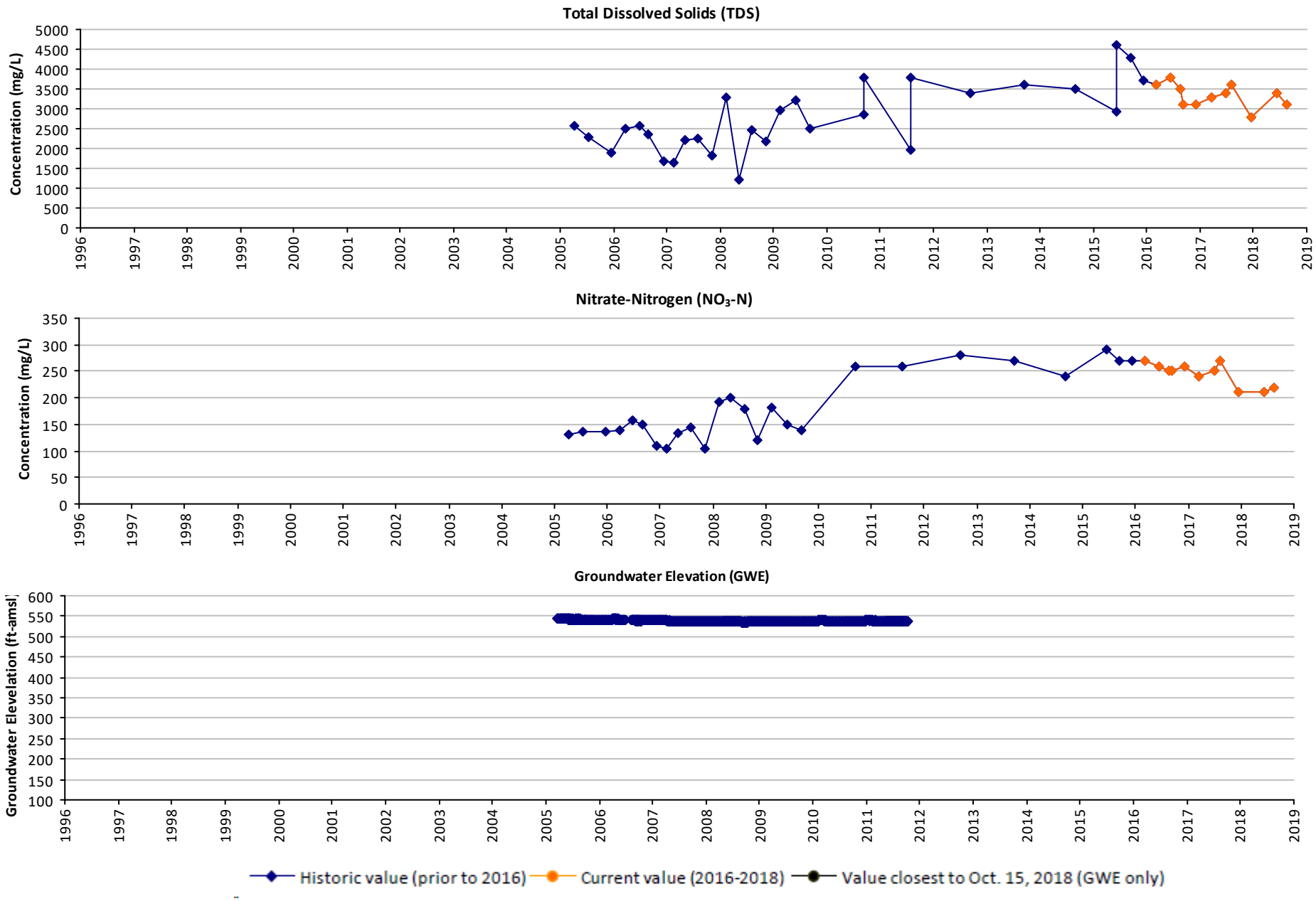
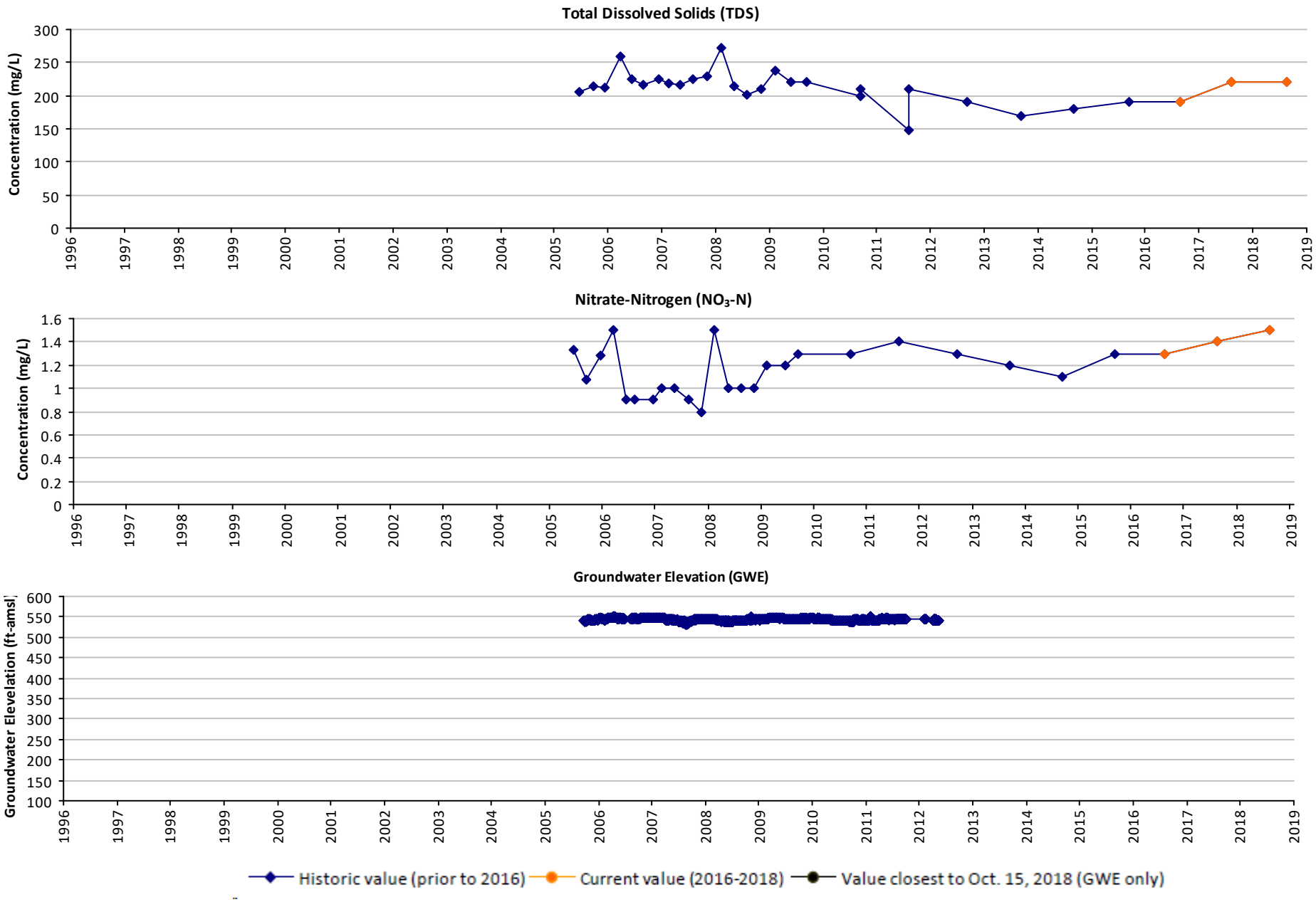

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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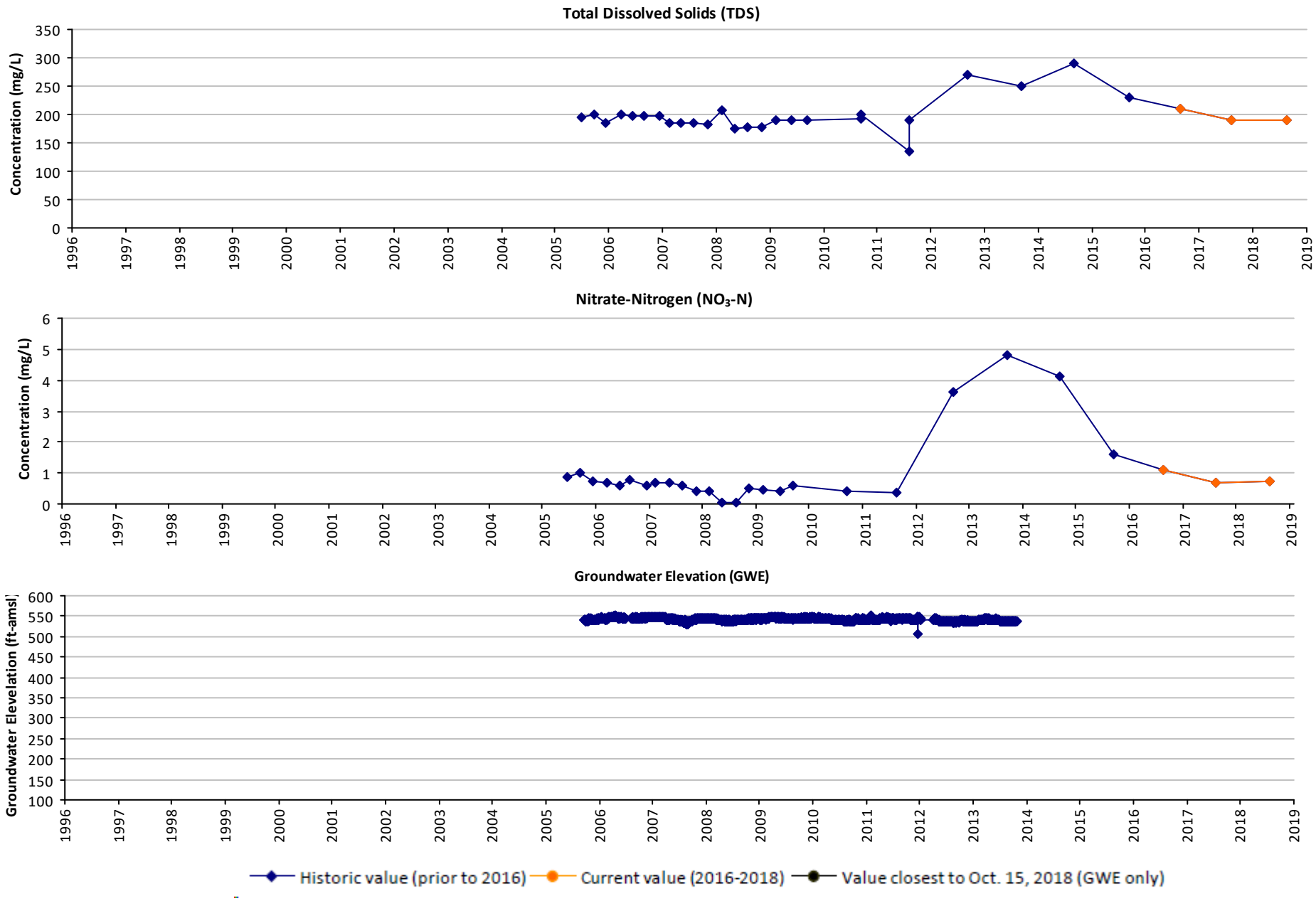
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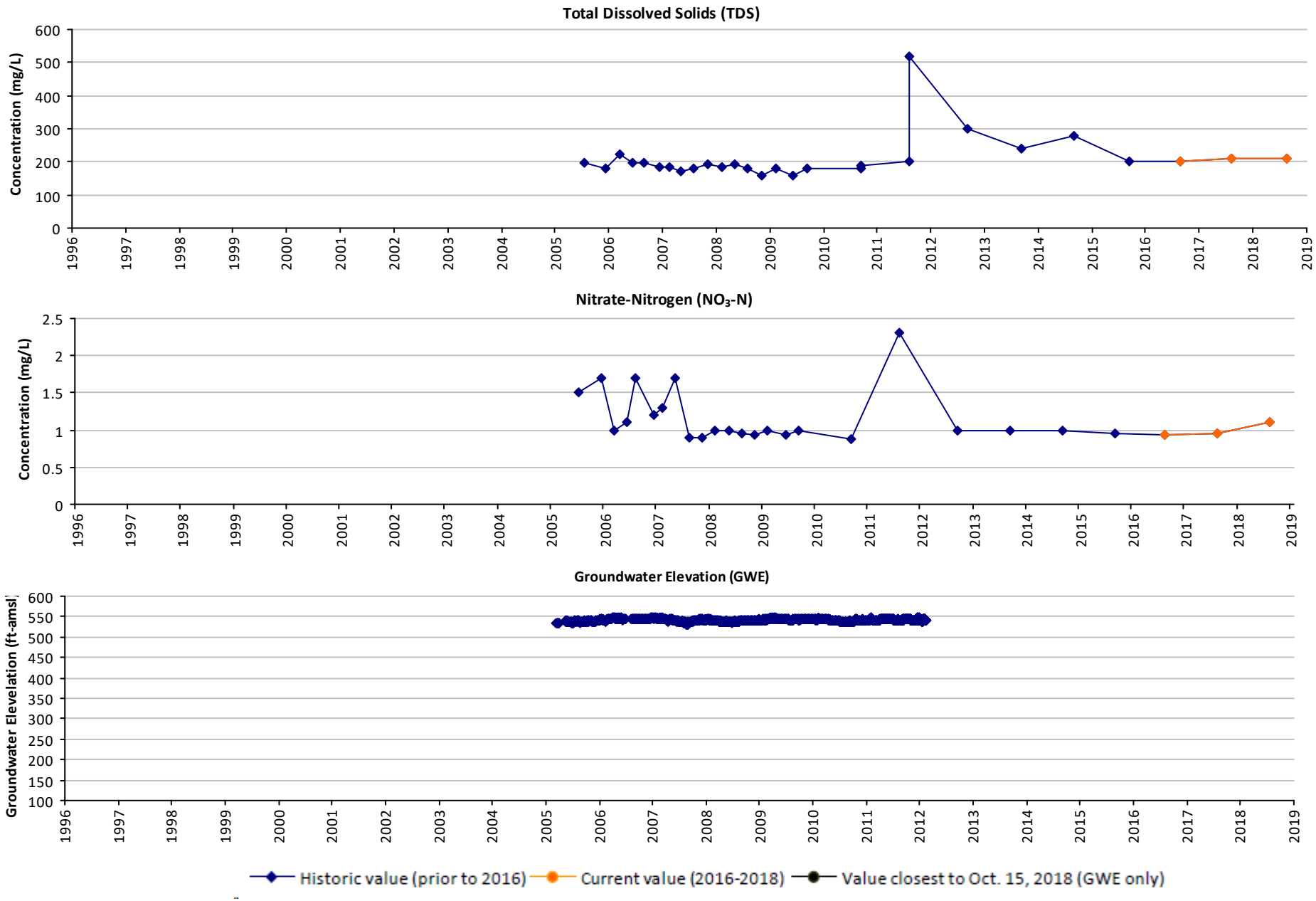
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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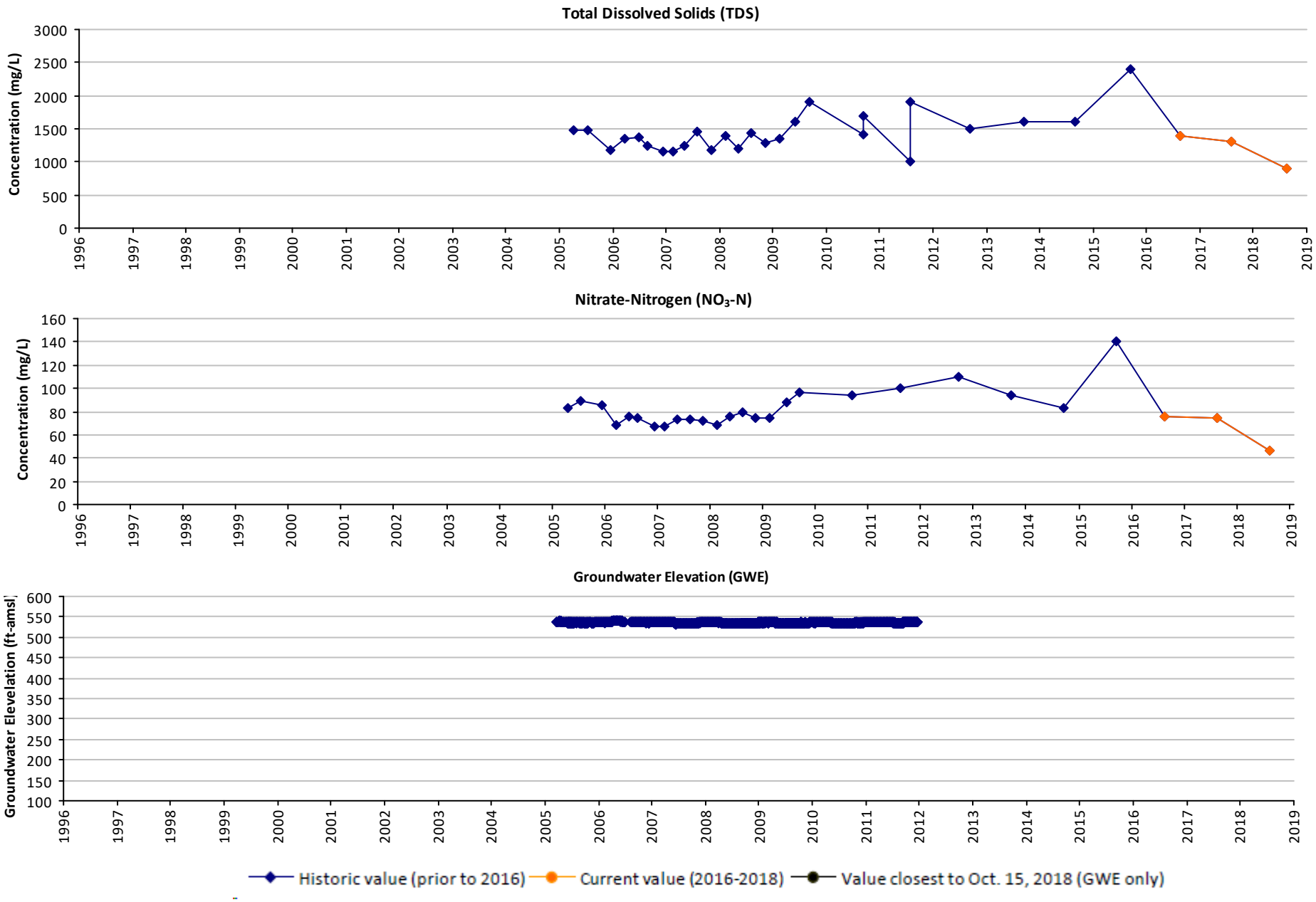
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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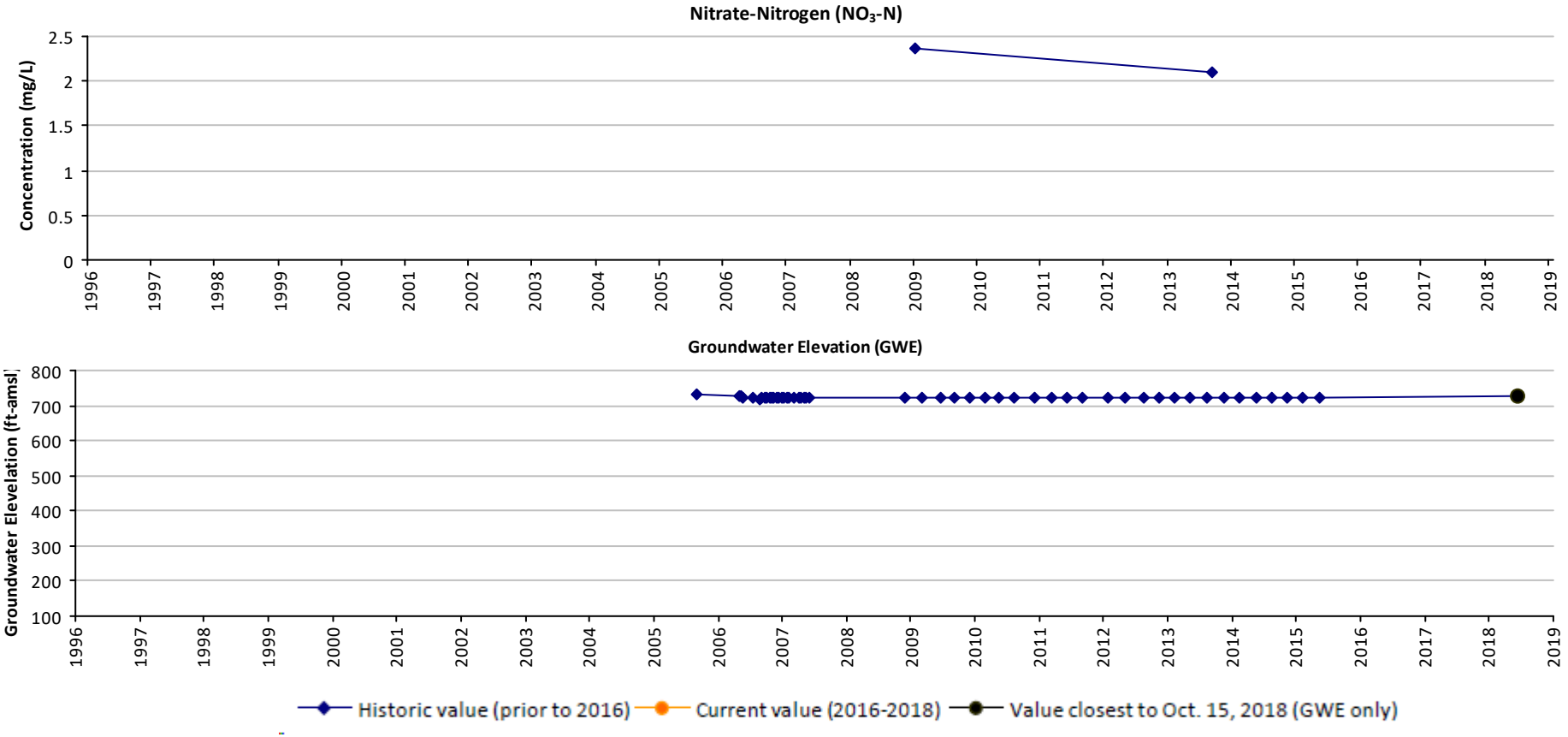
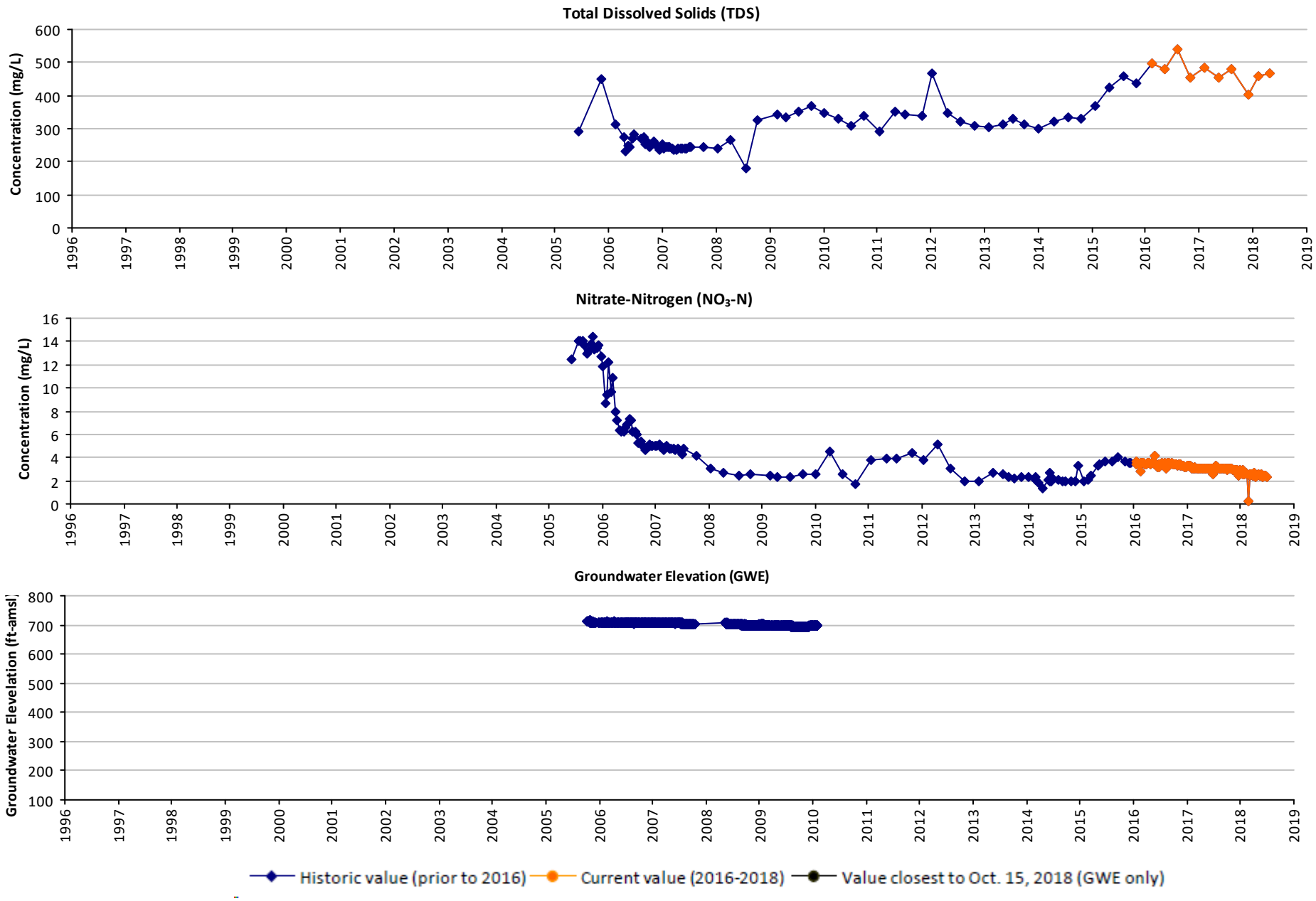
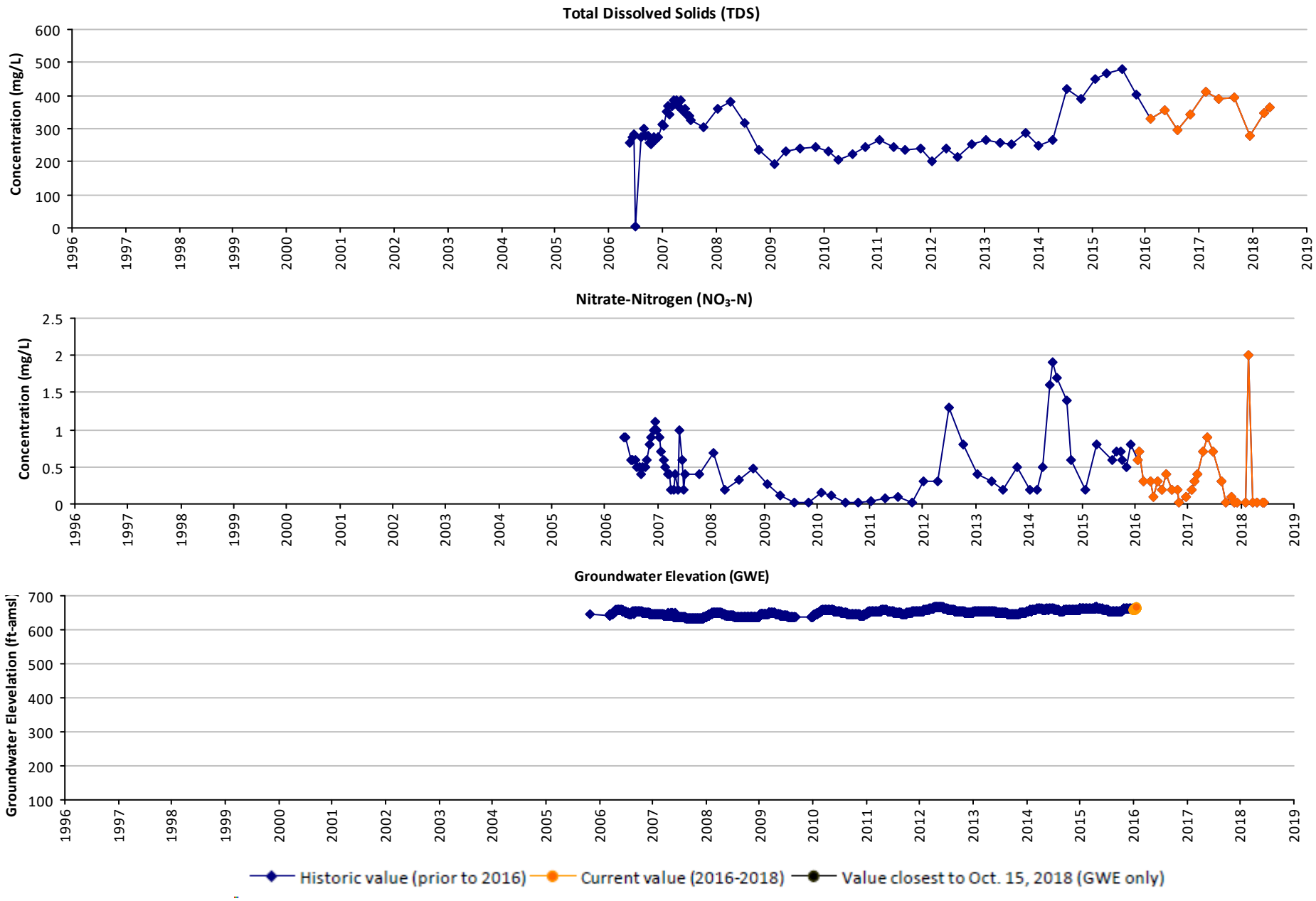
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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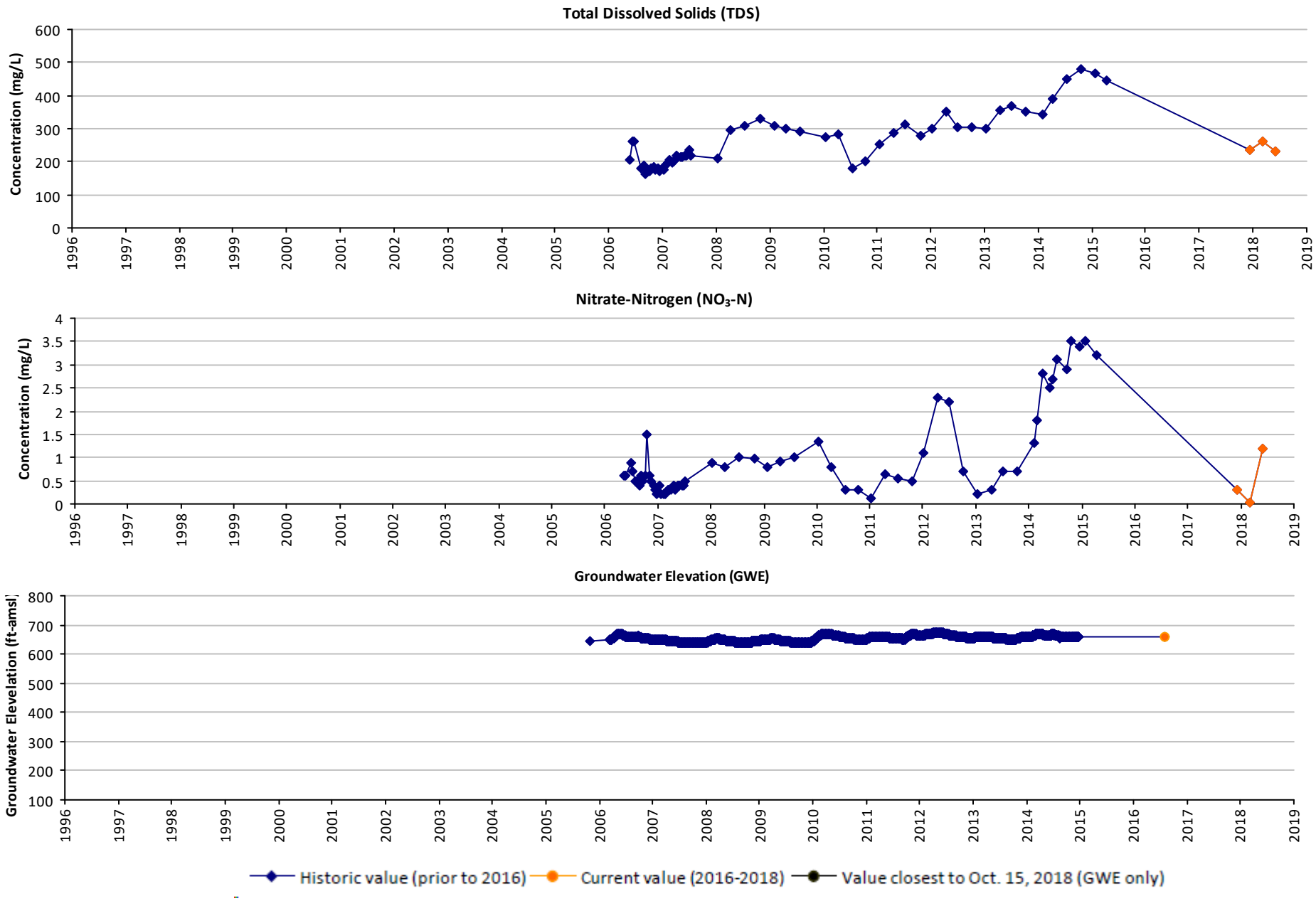
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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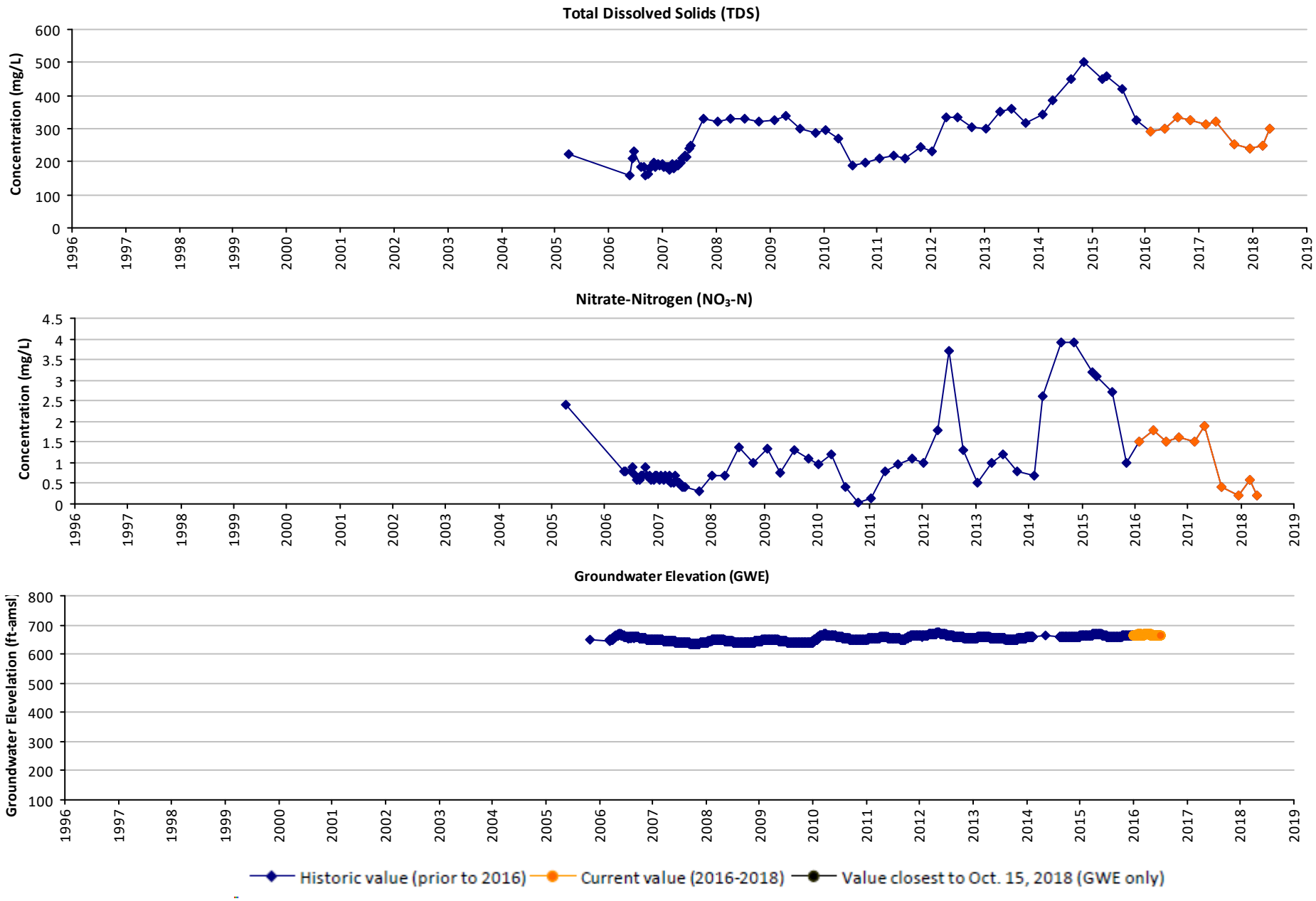
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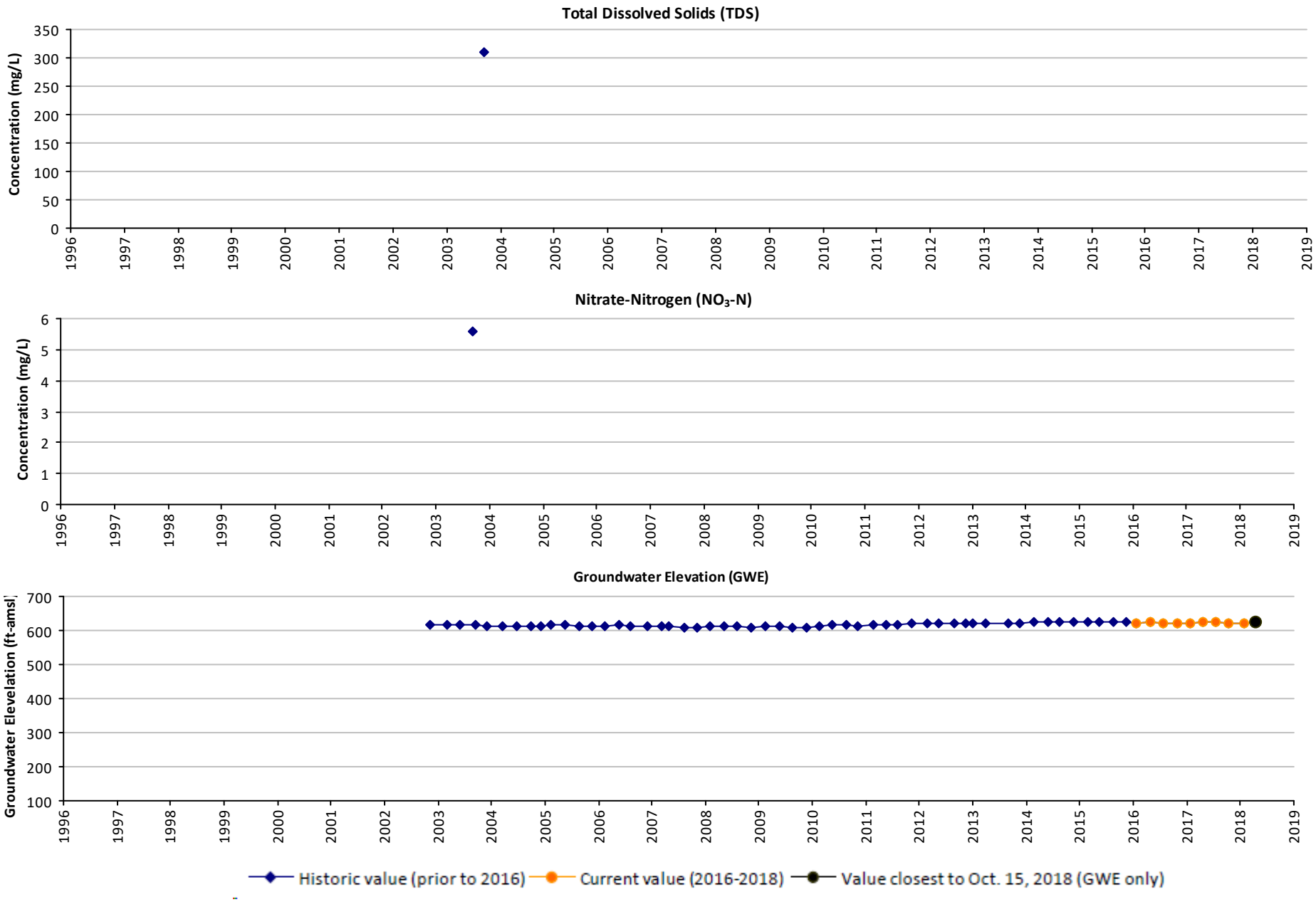
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Historic value (prior to 2016)
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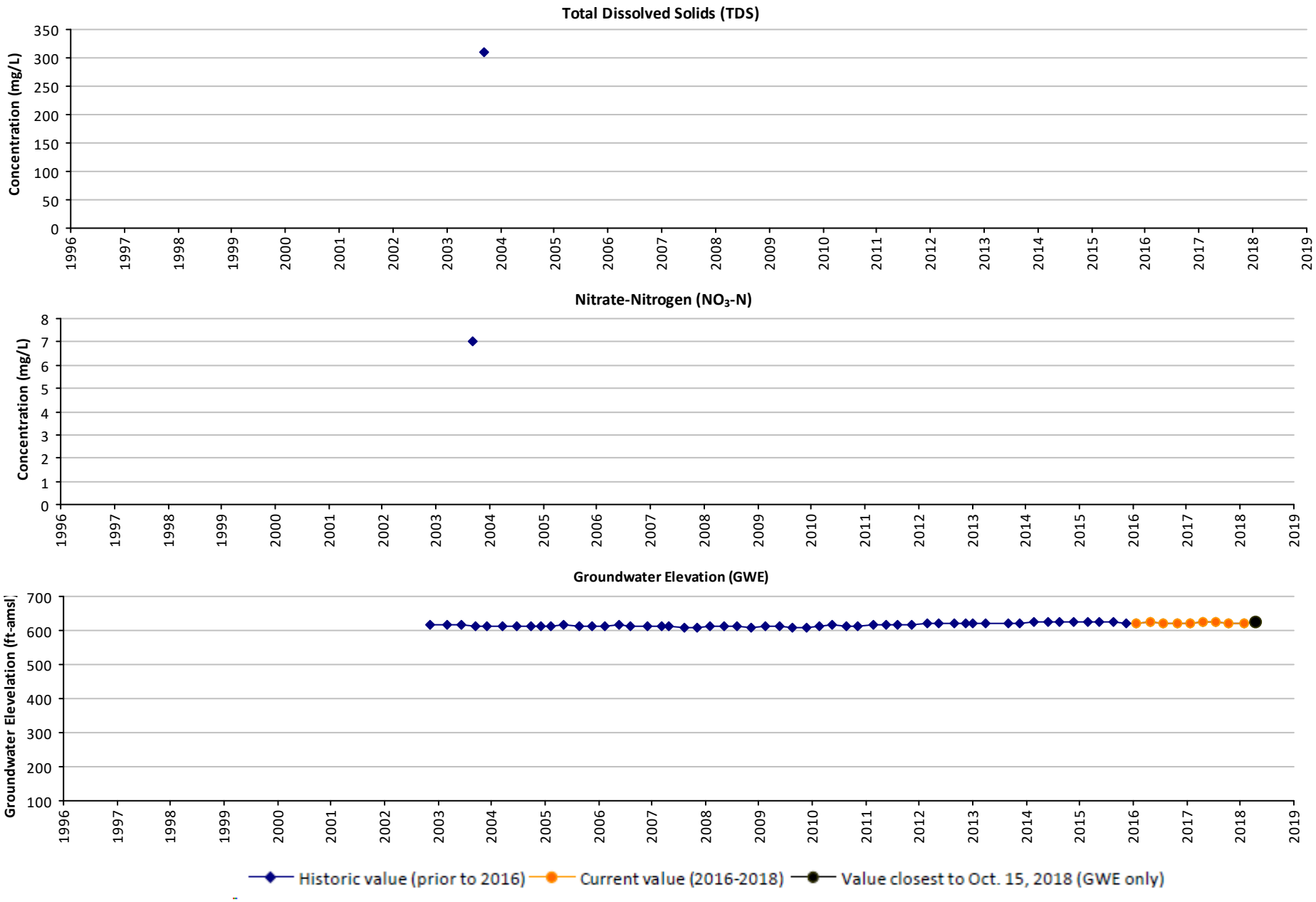
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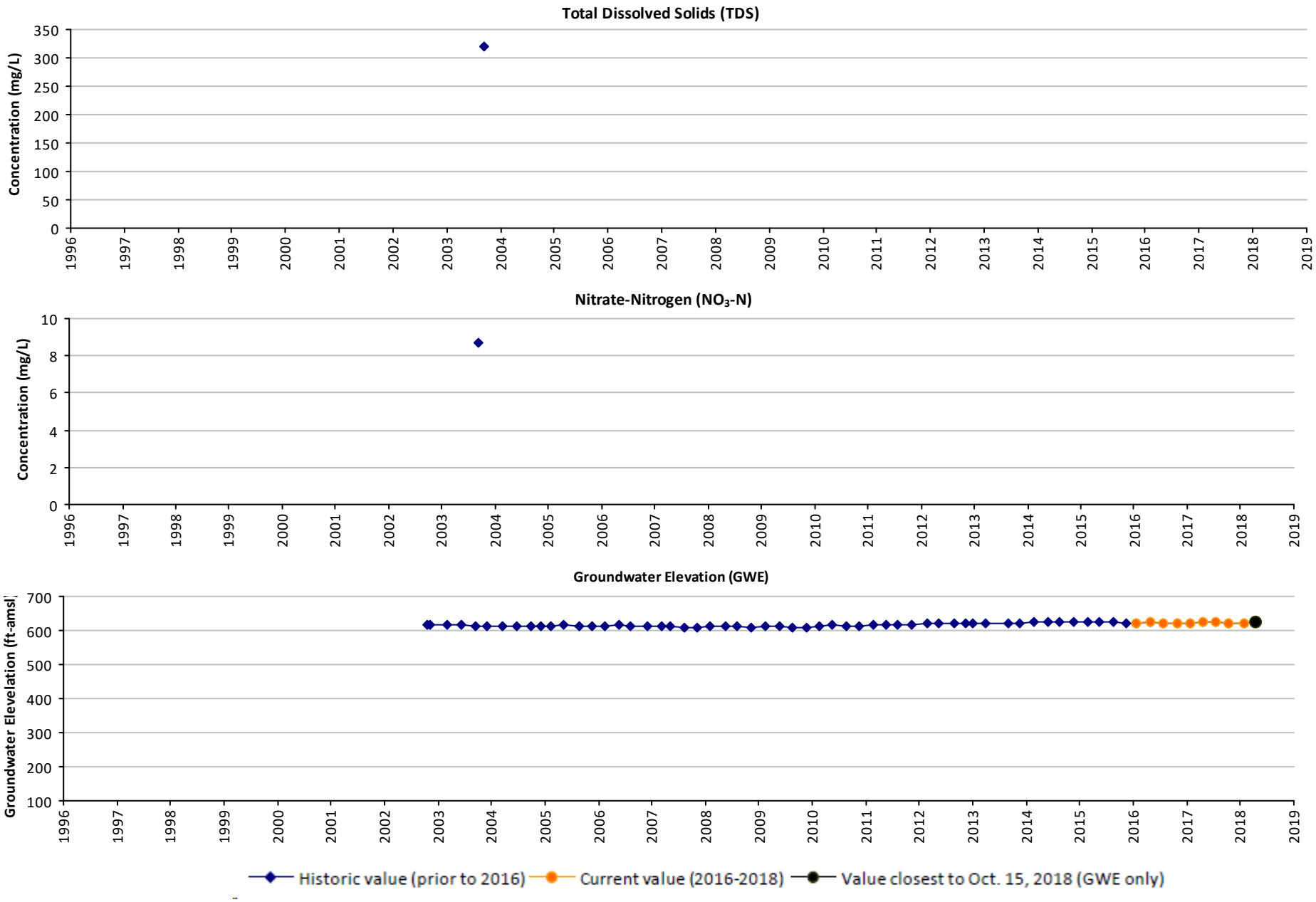
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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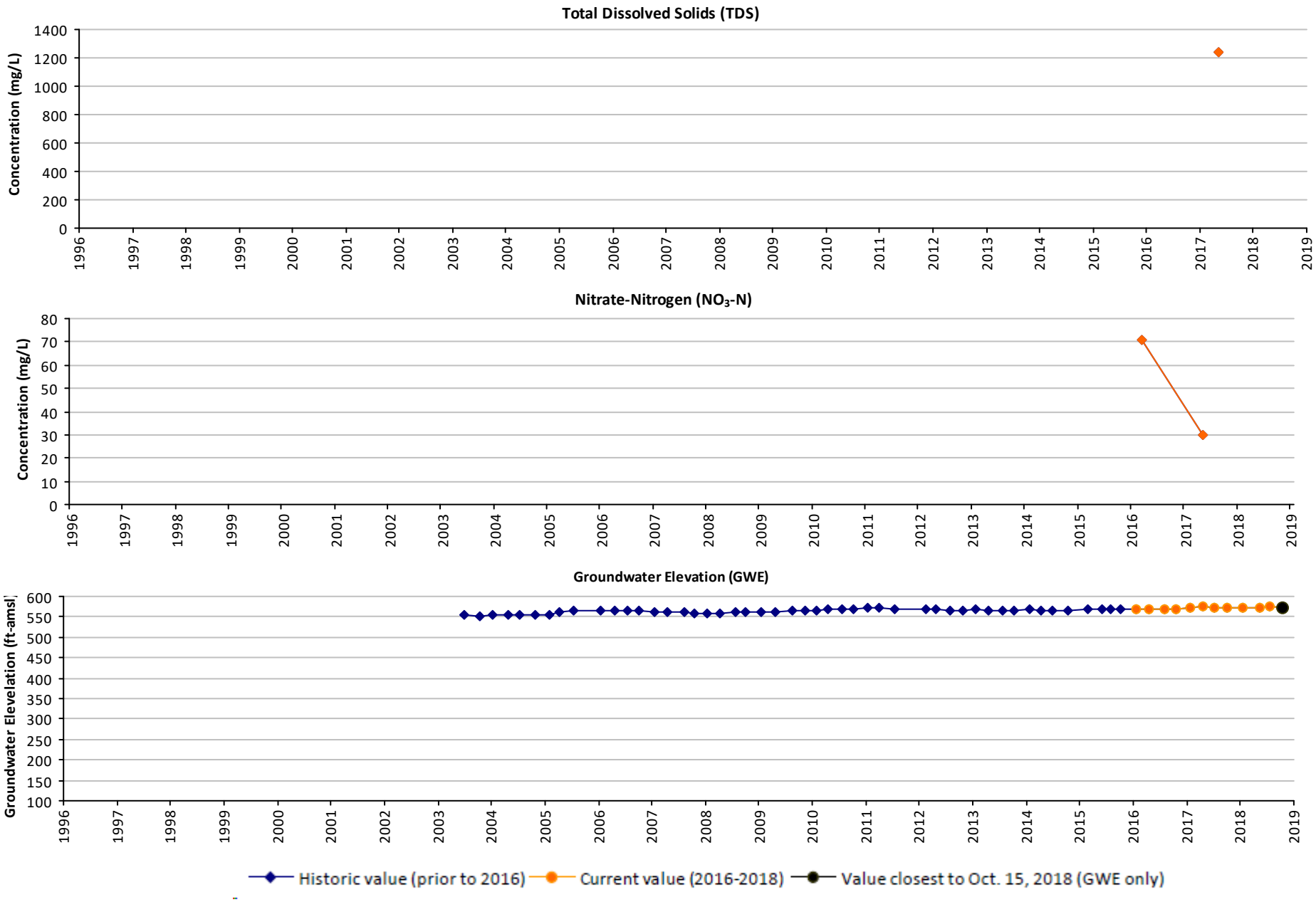
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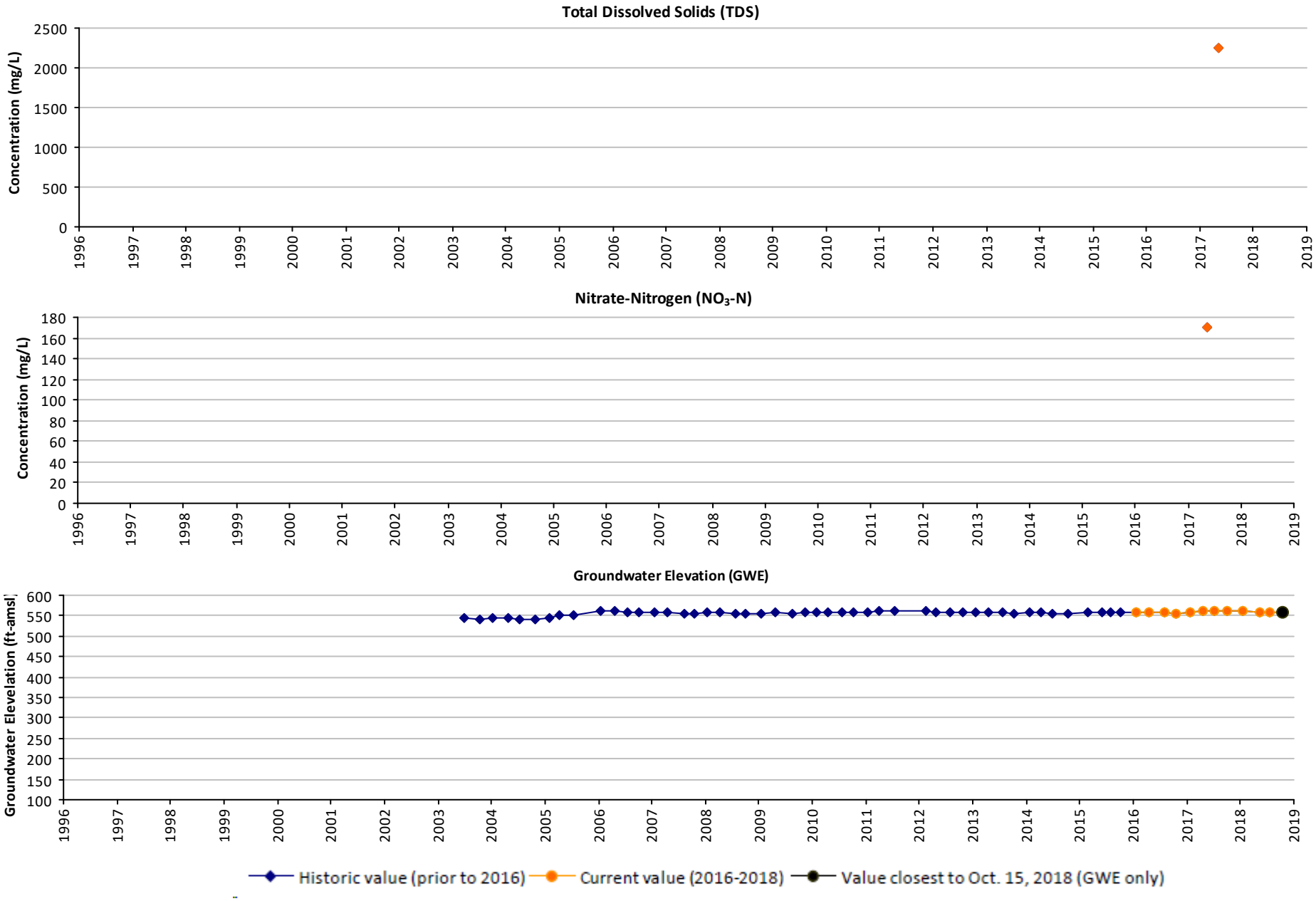
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
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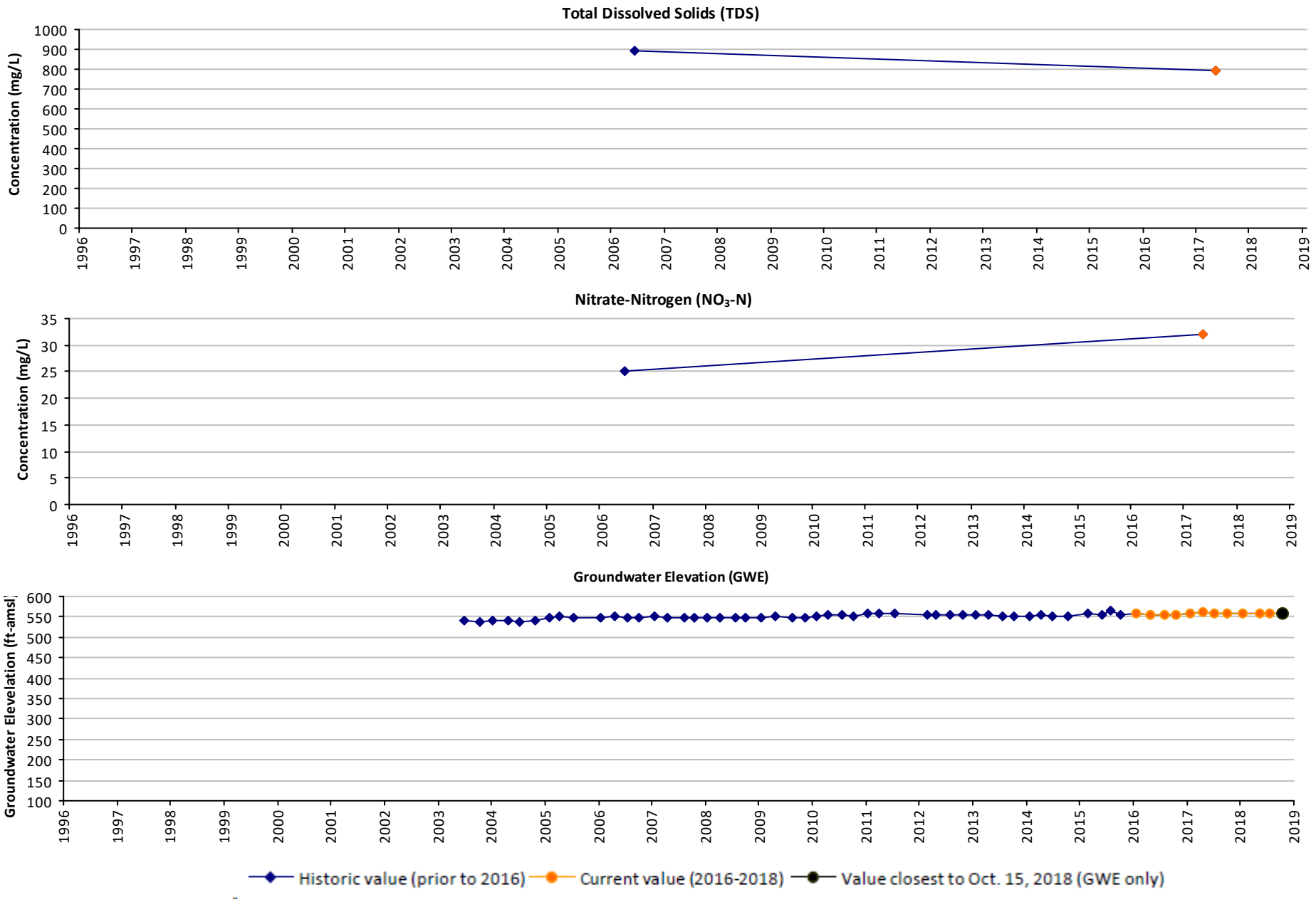
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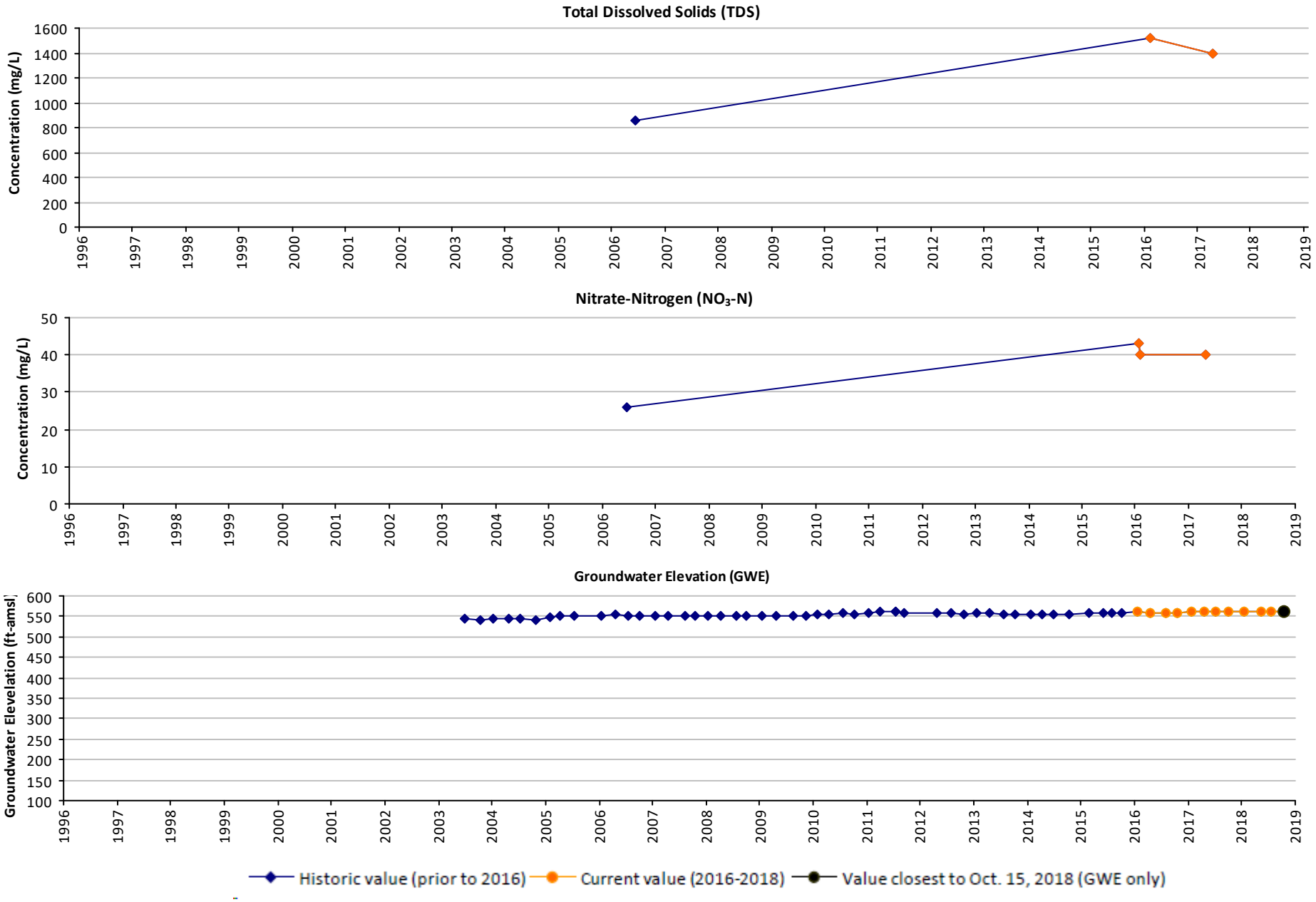
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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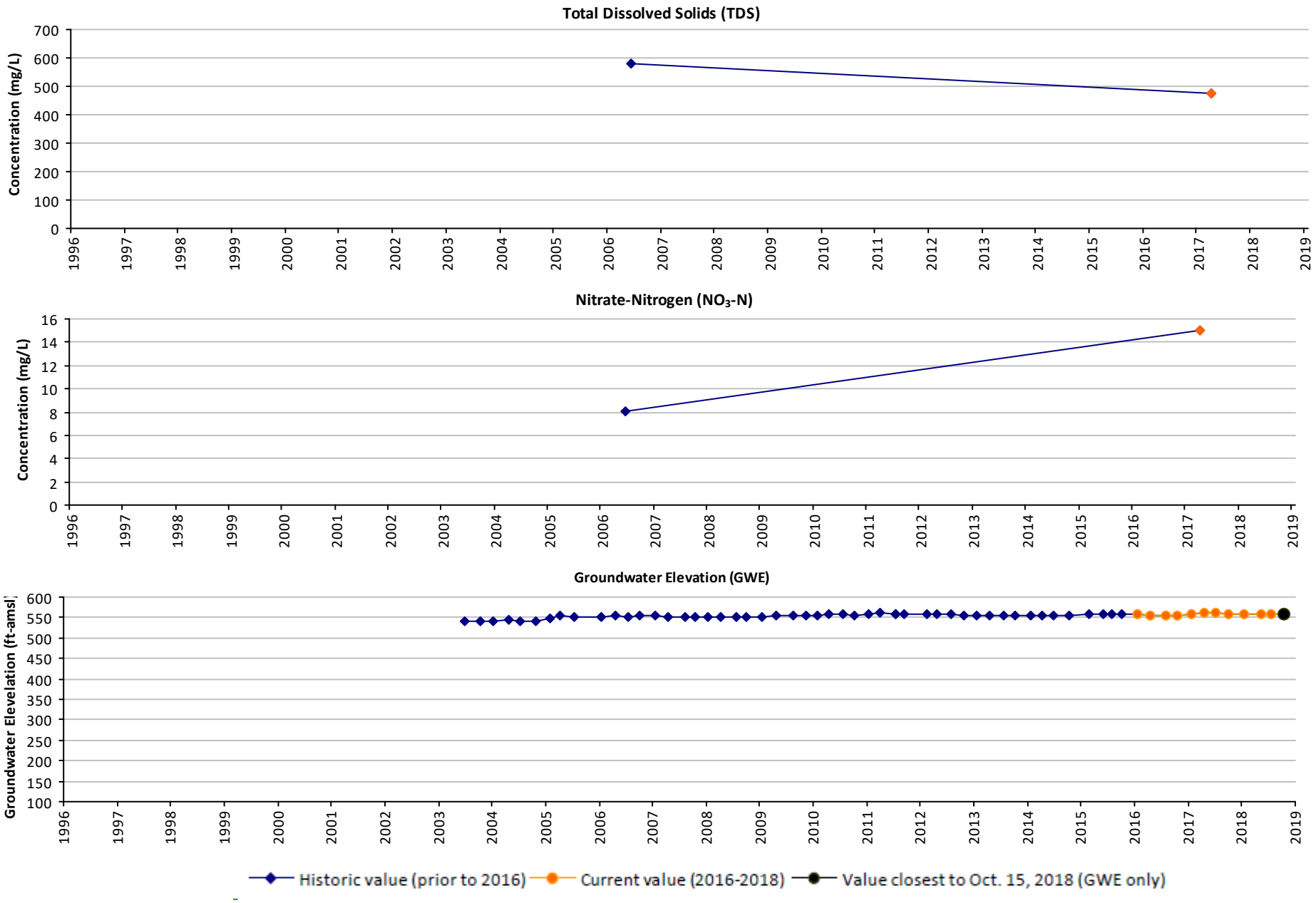
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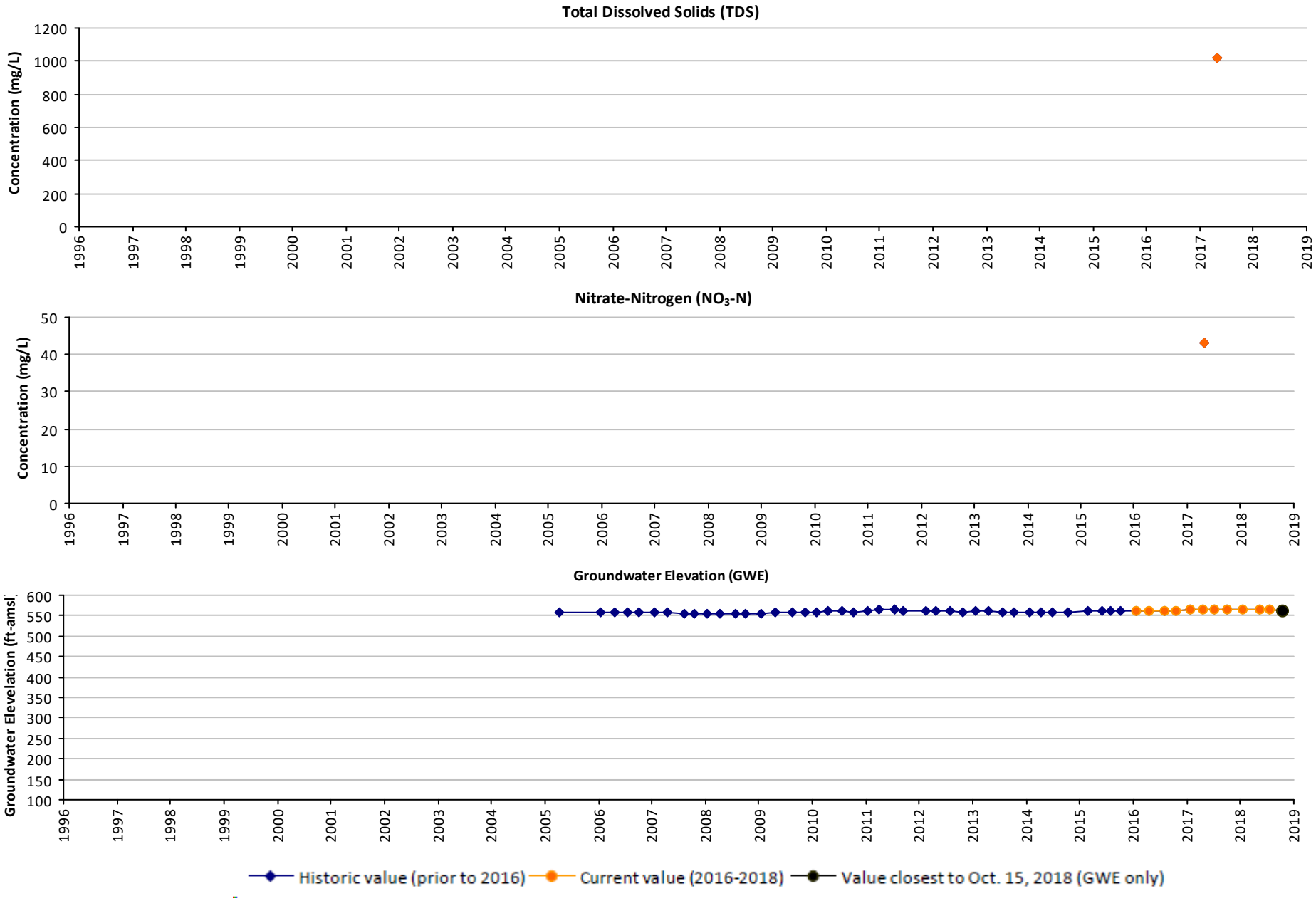
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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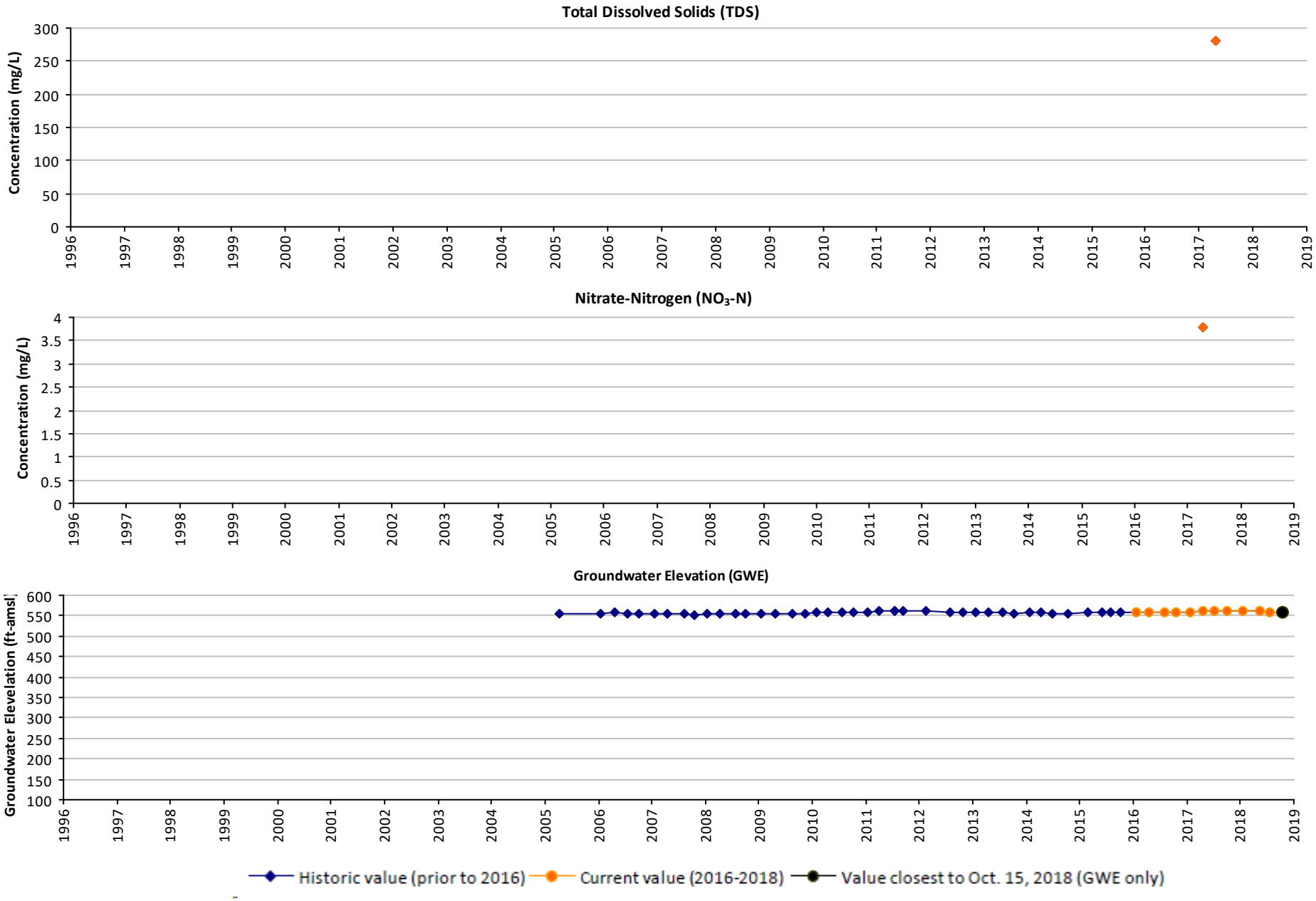
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Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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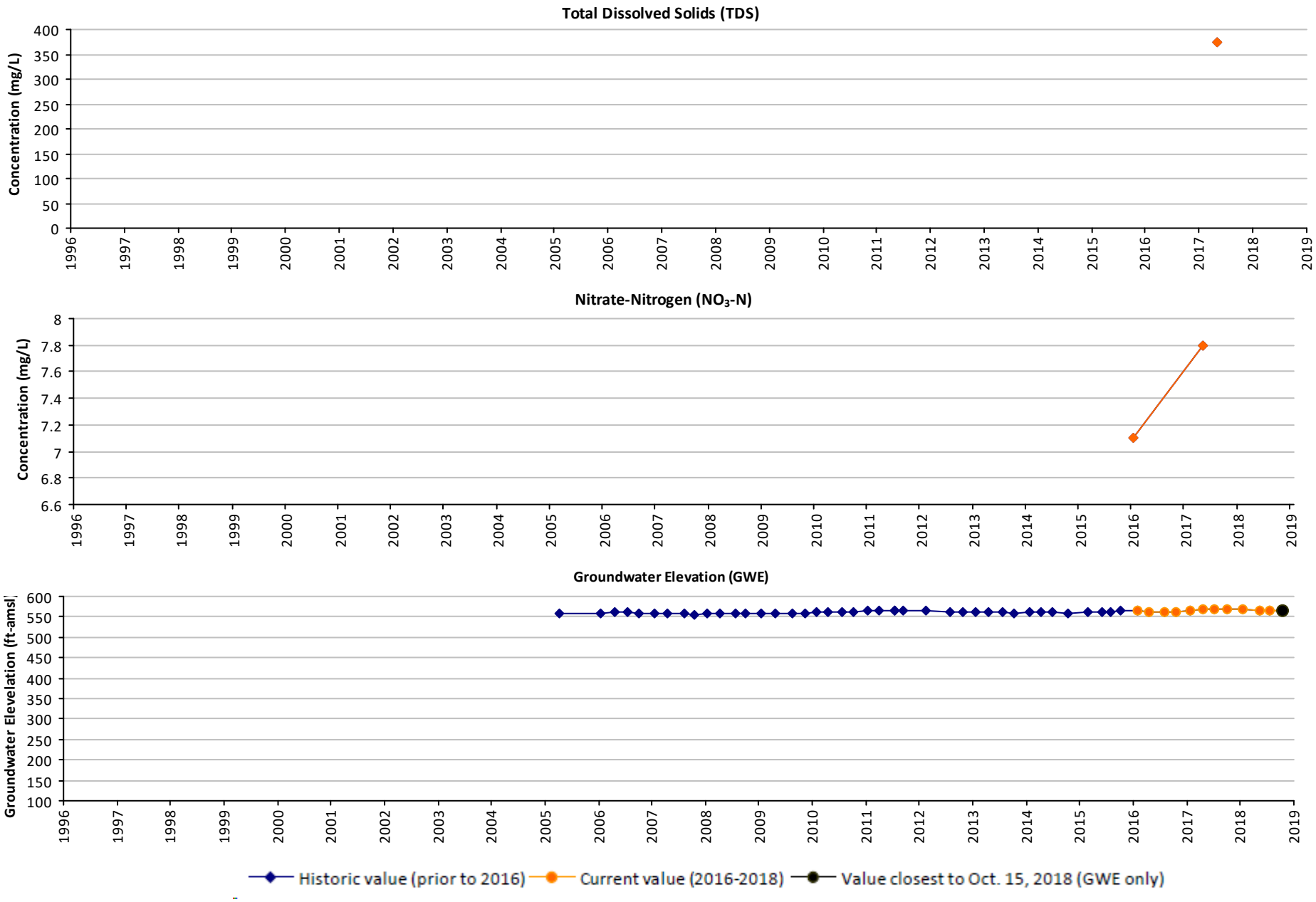
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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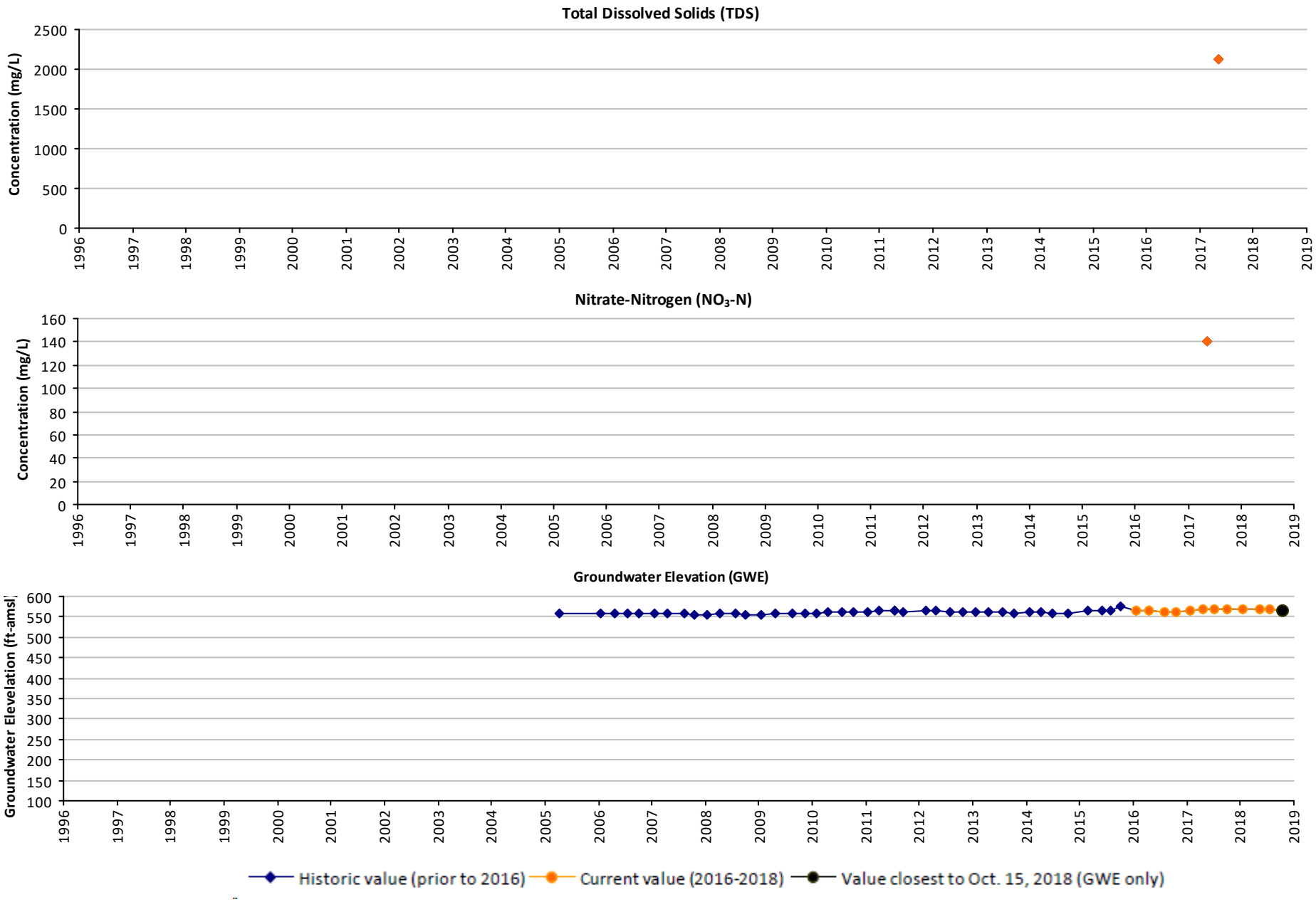
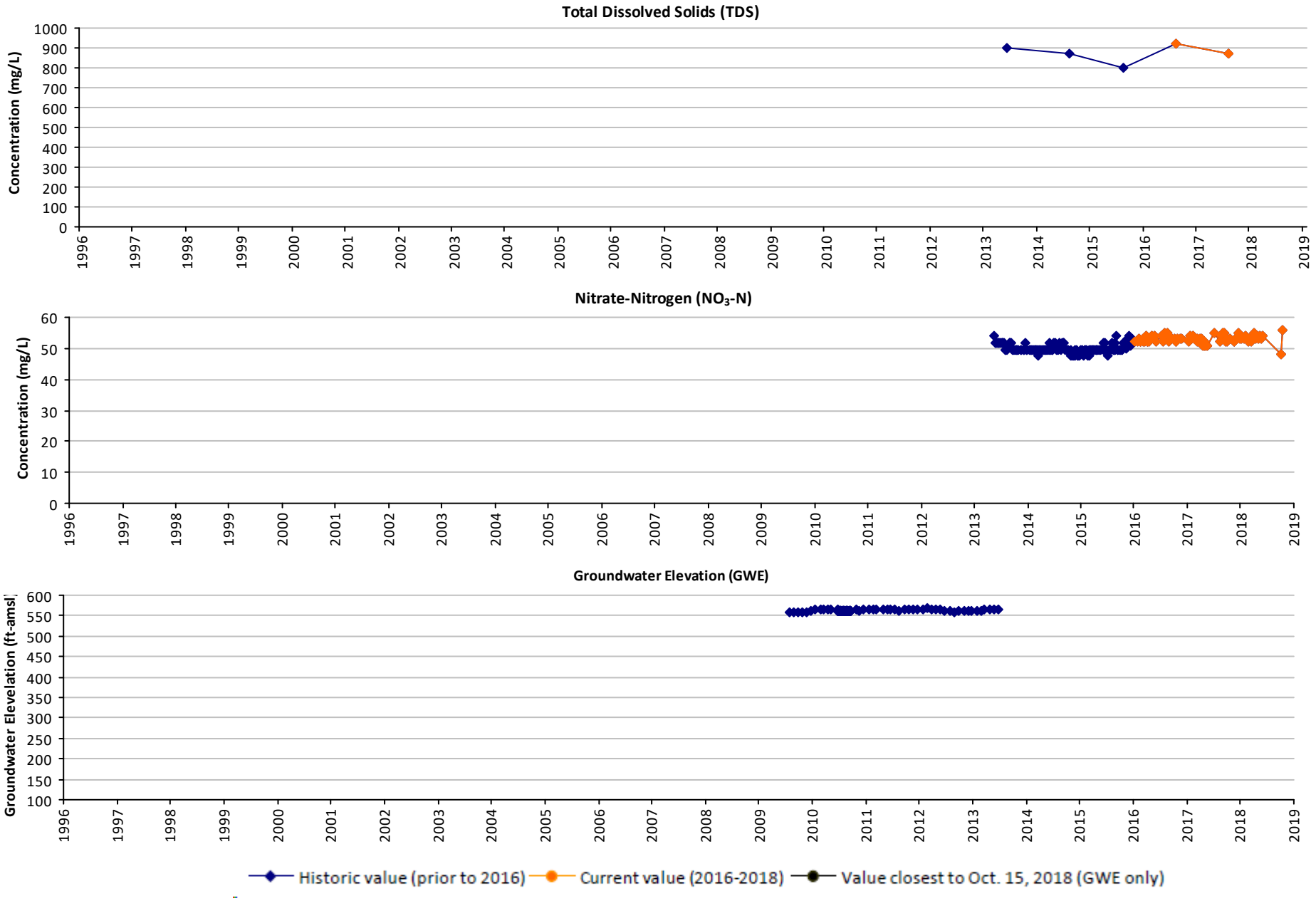
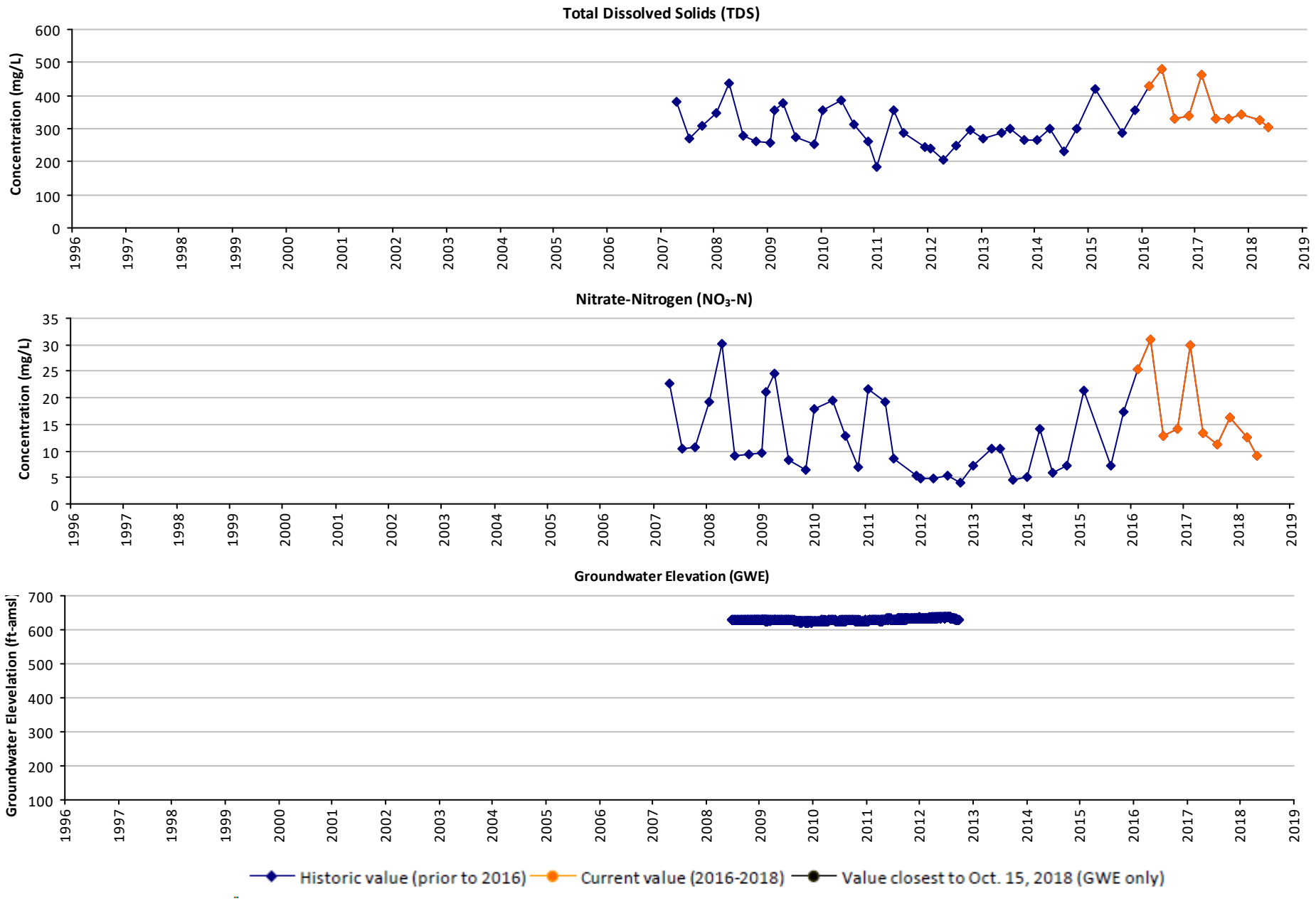
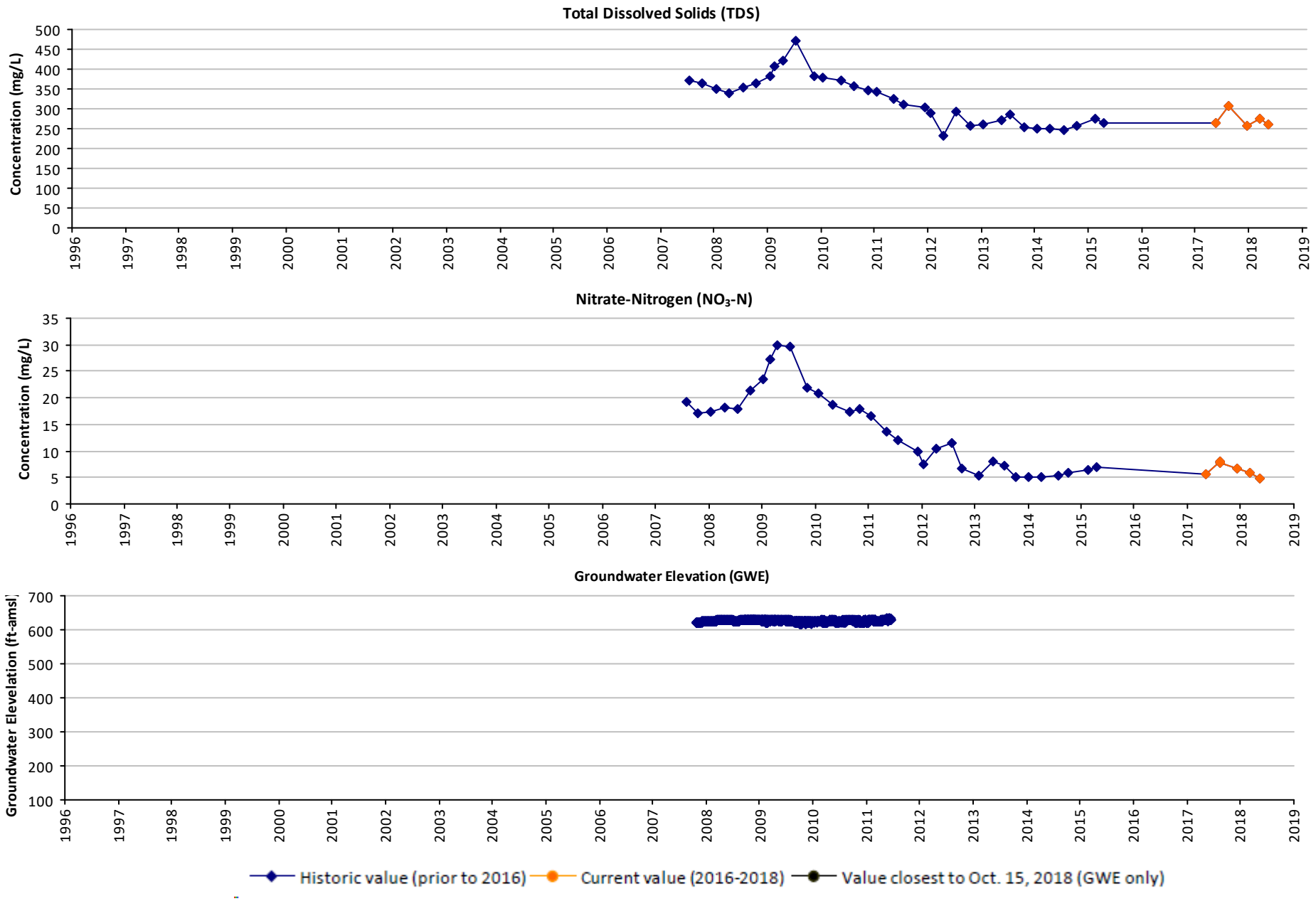
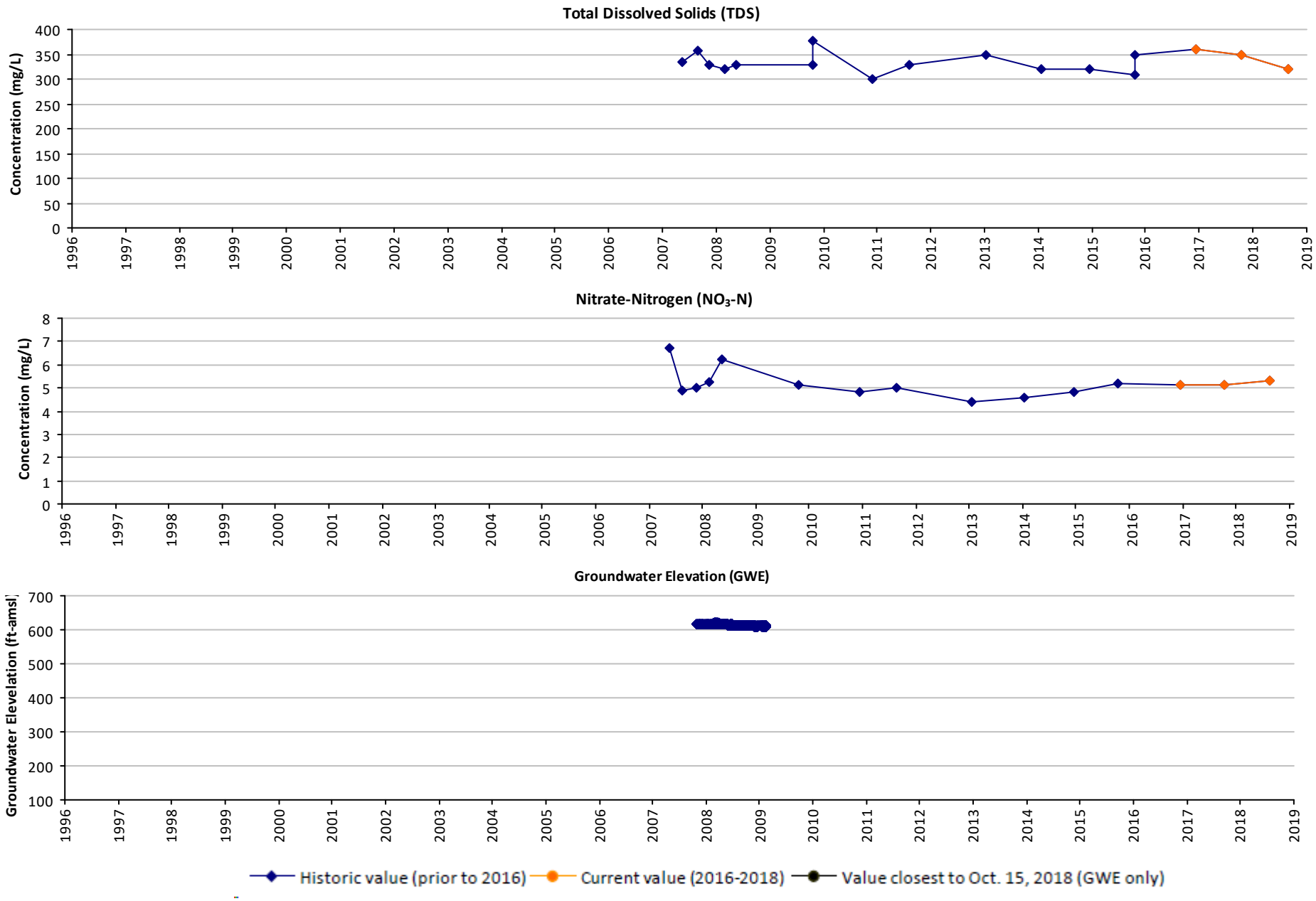

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
160
140
120
100
80
60
40
20
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

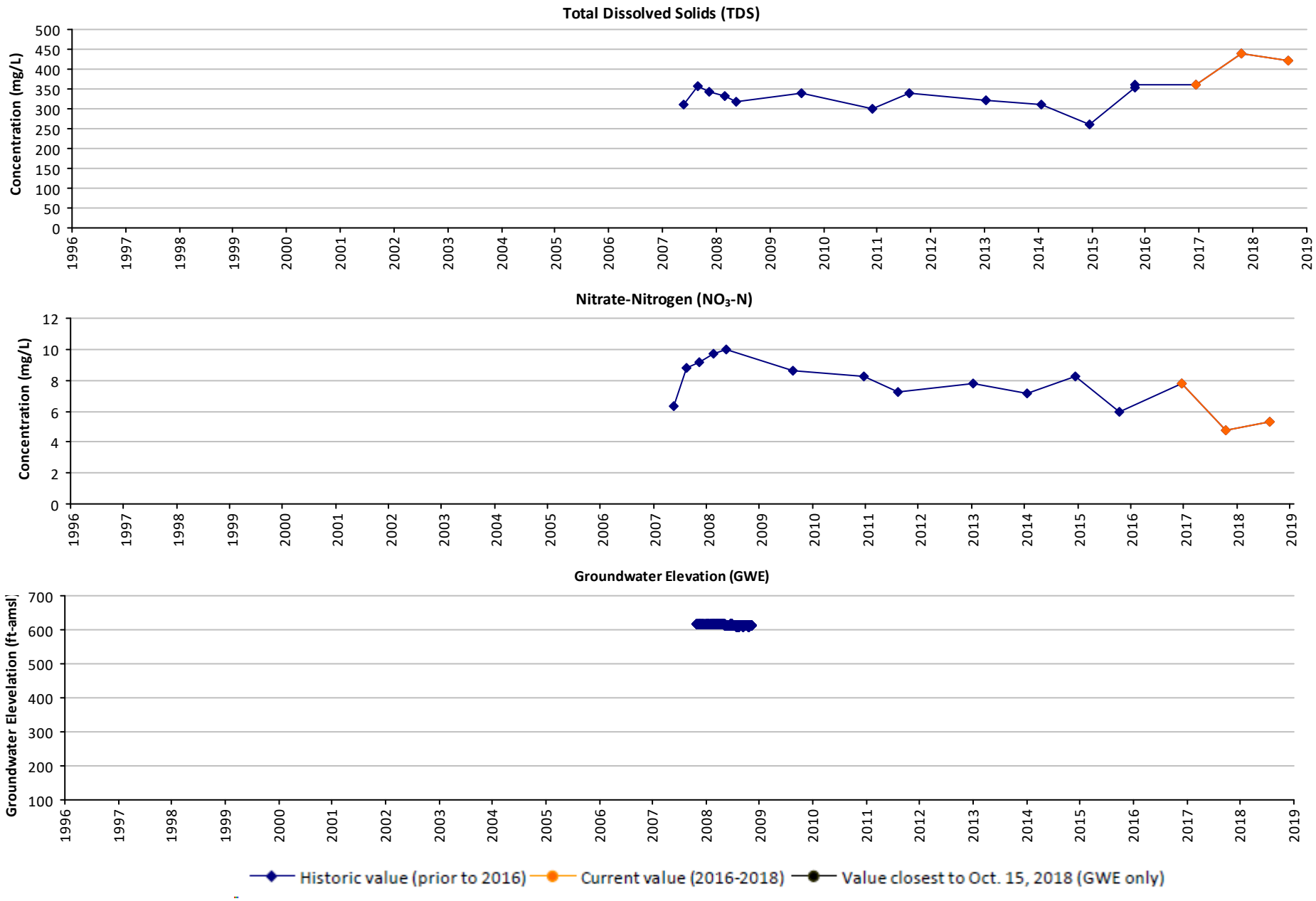
Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

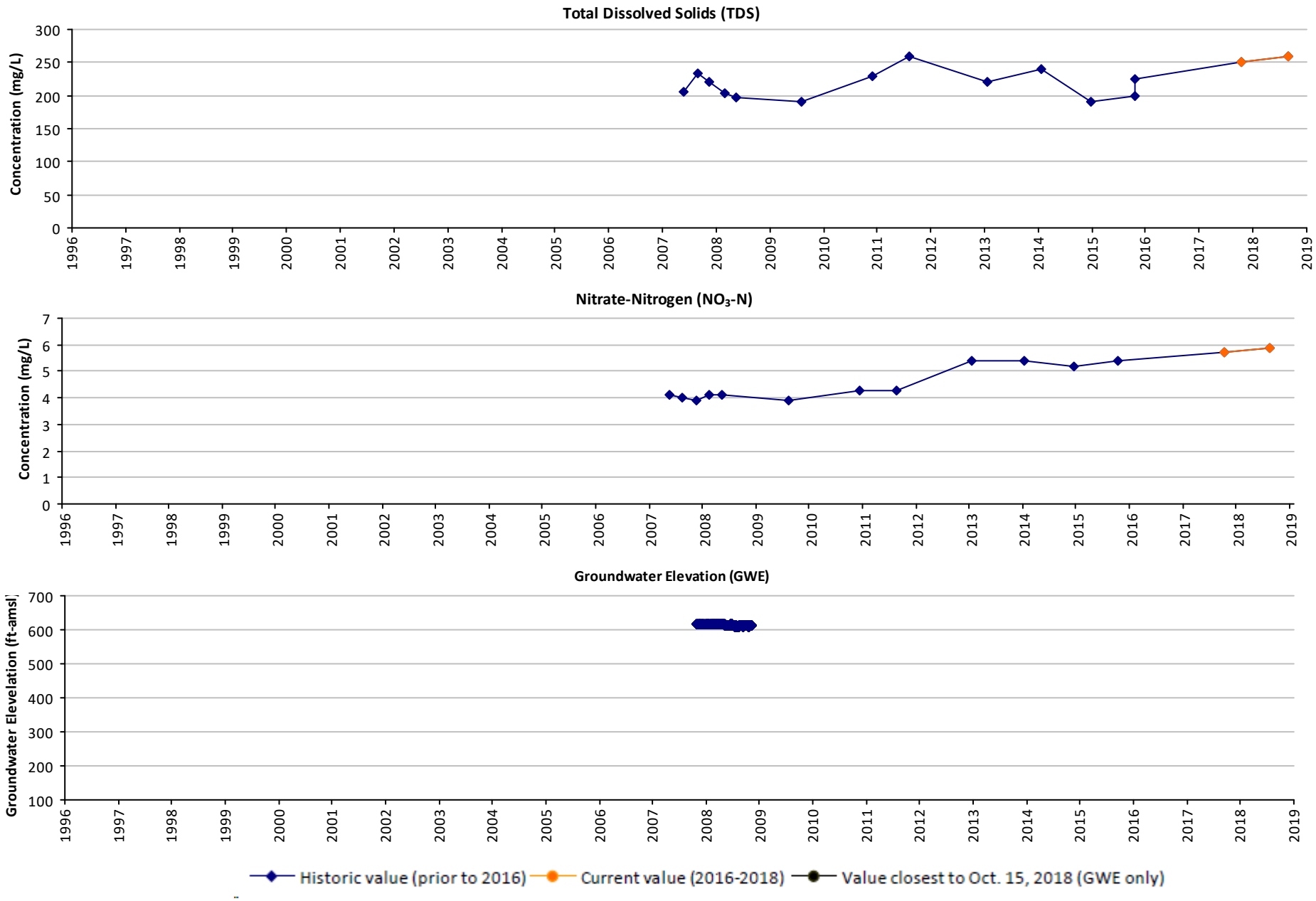

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

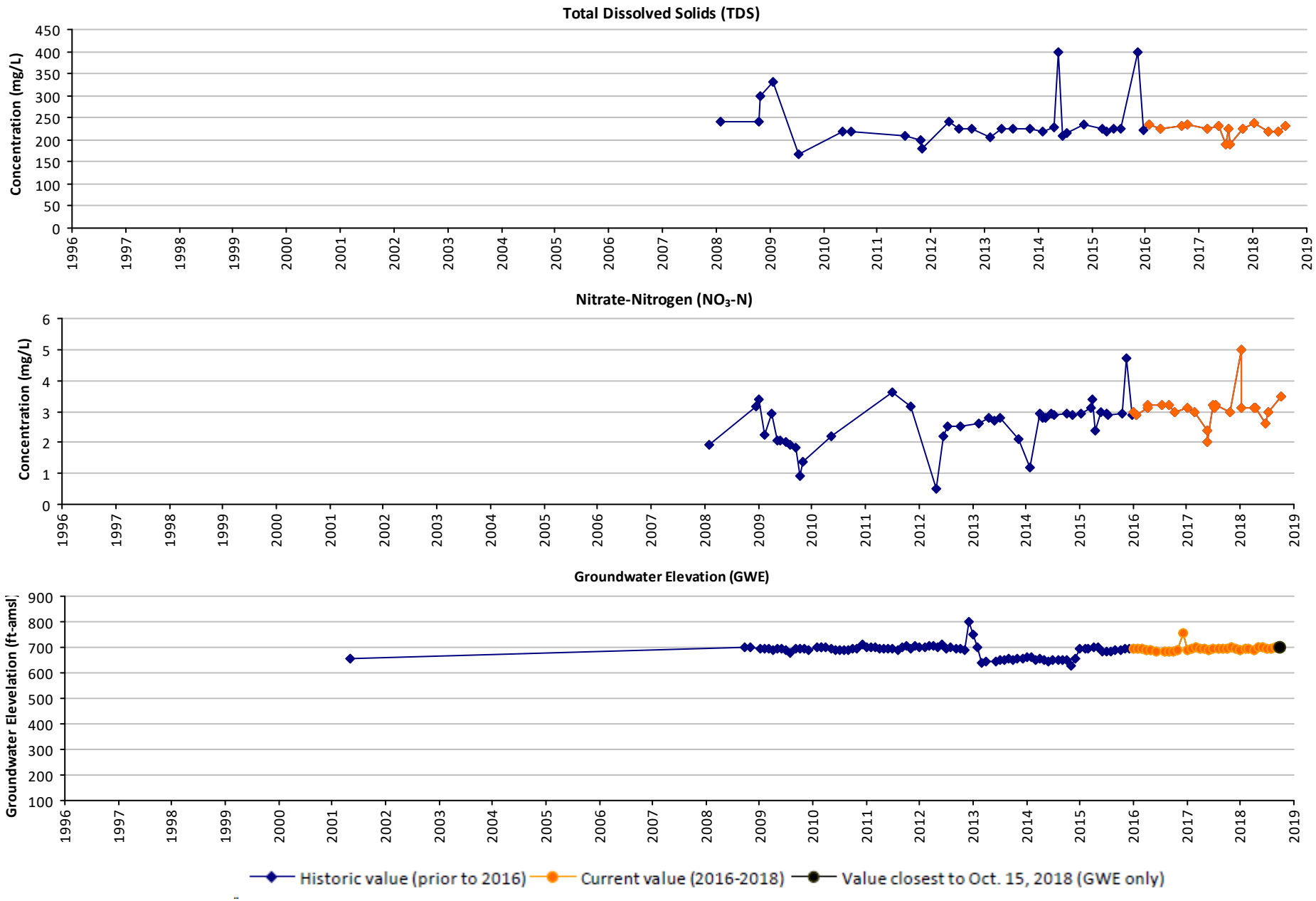

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

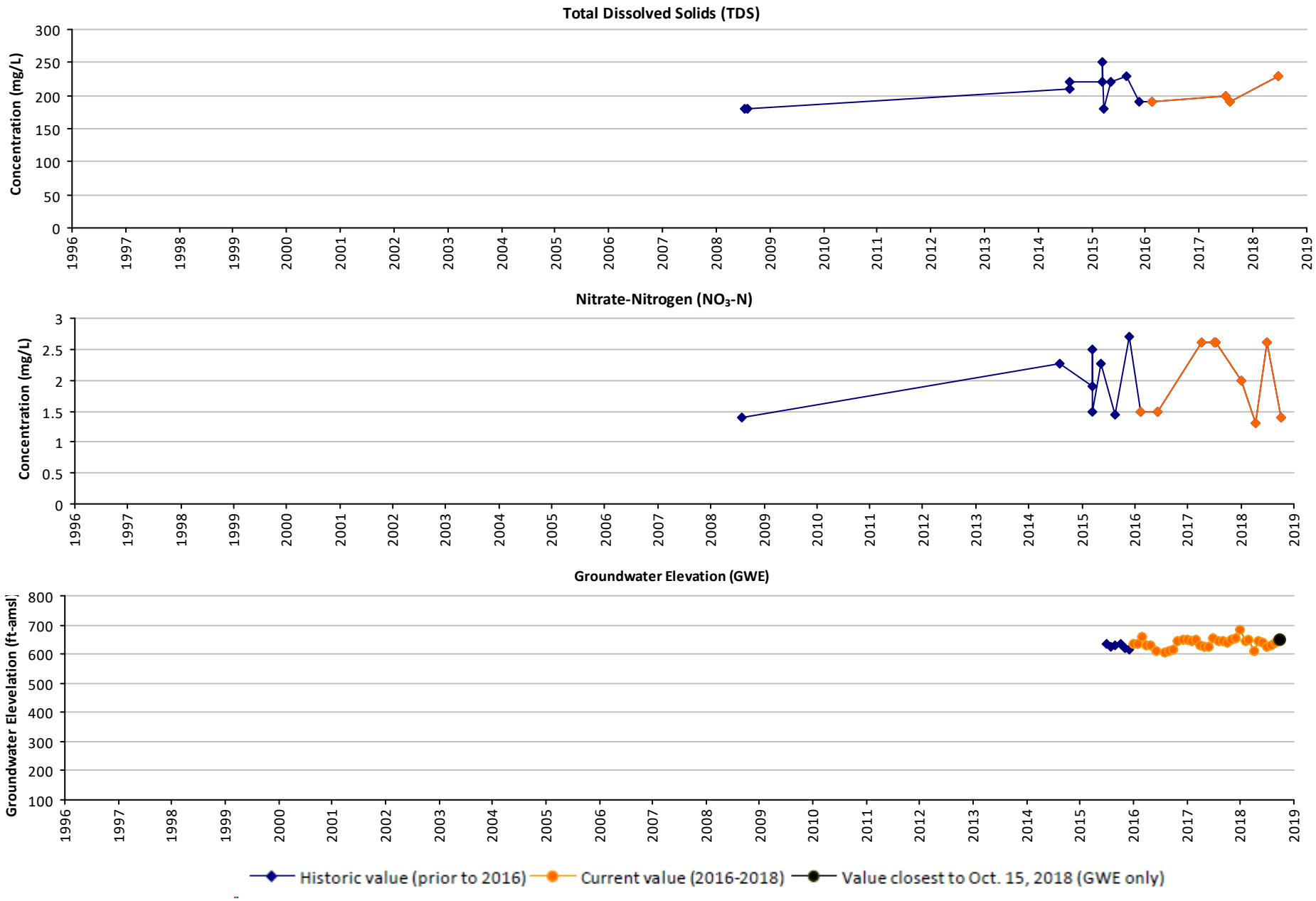

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

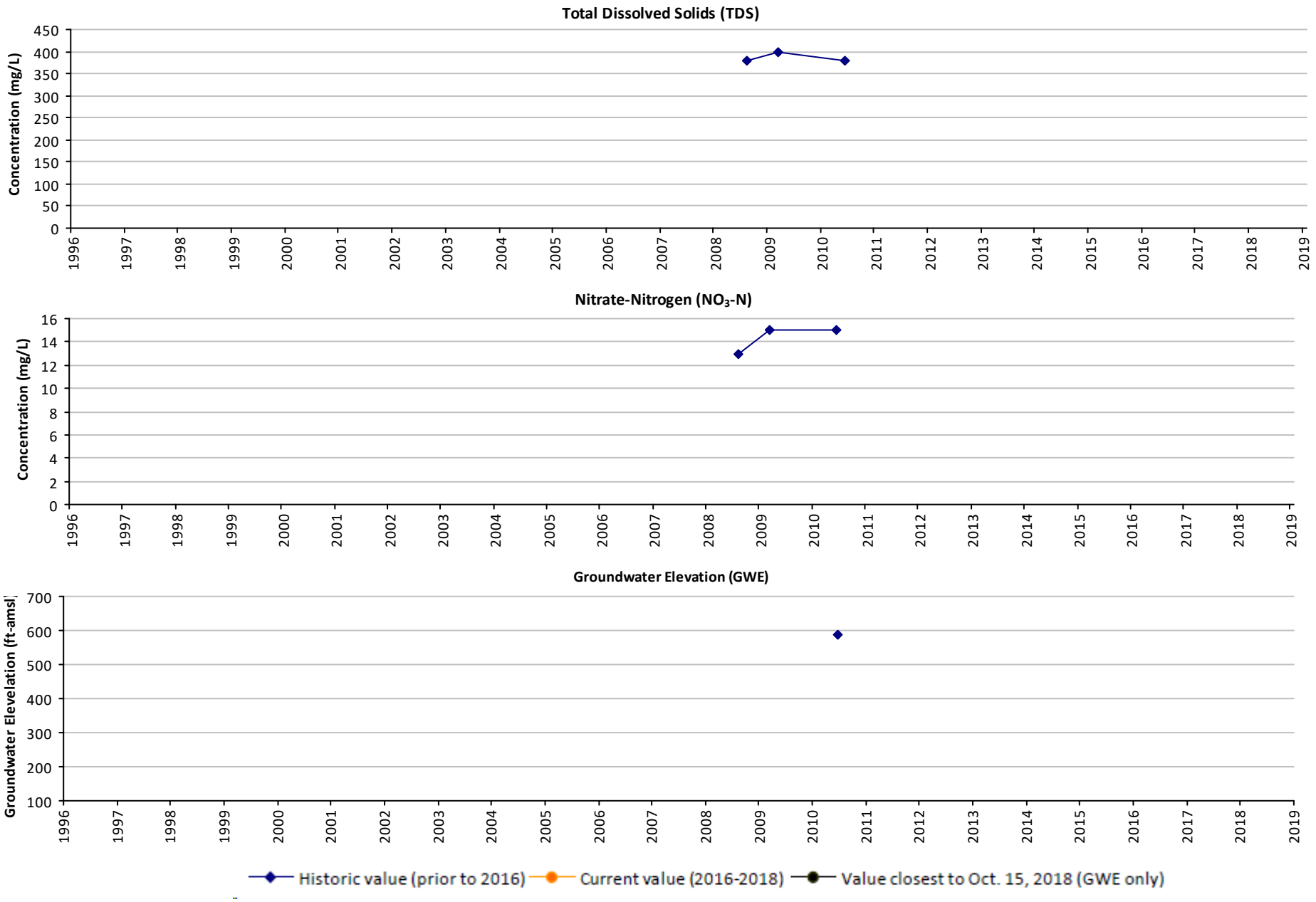

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

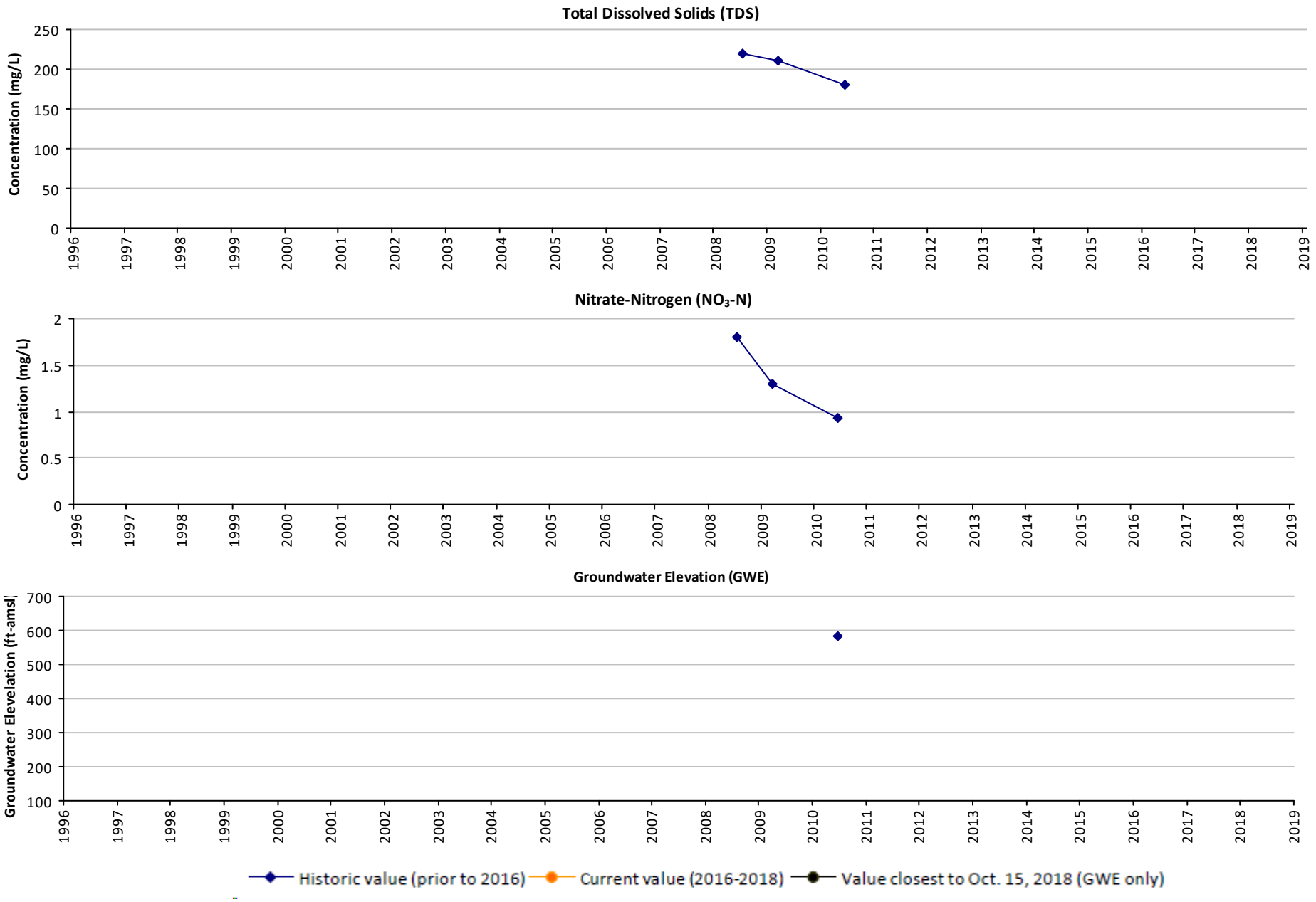

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

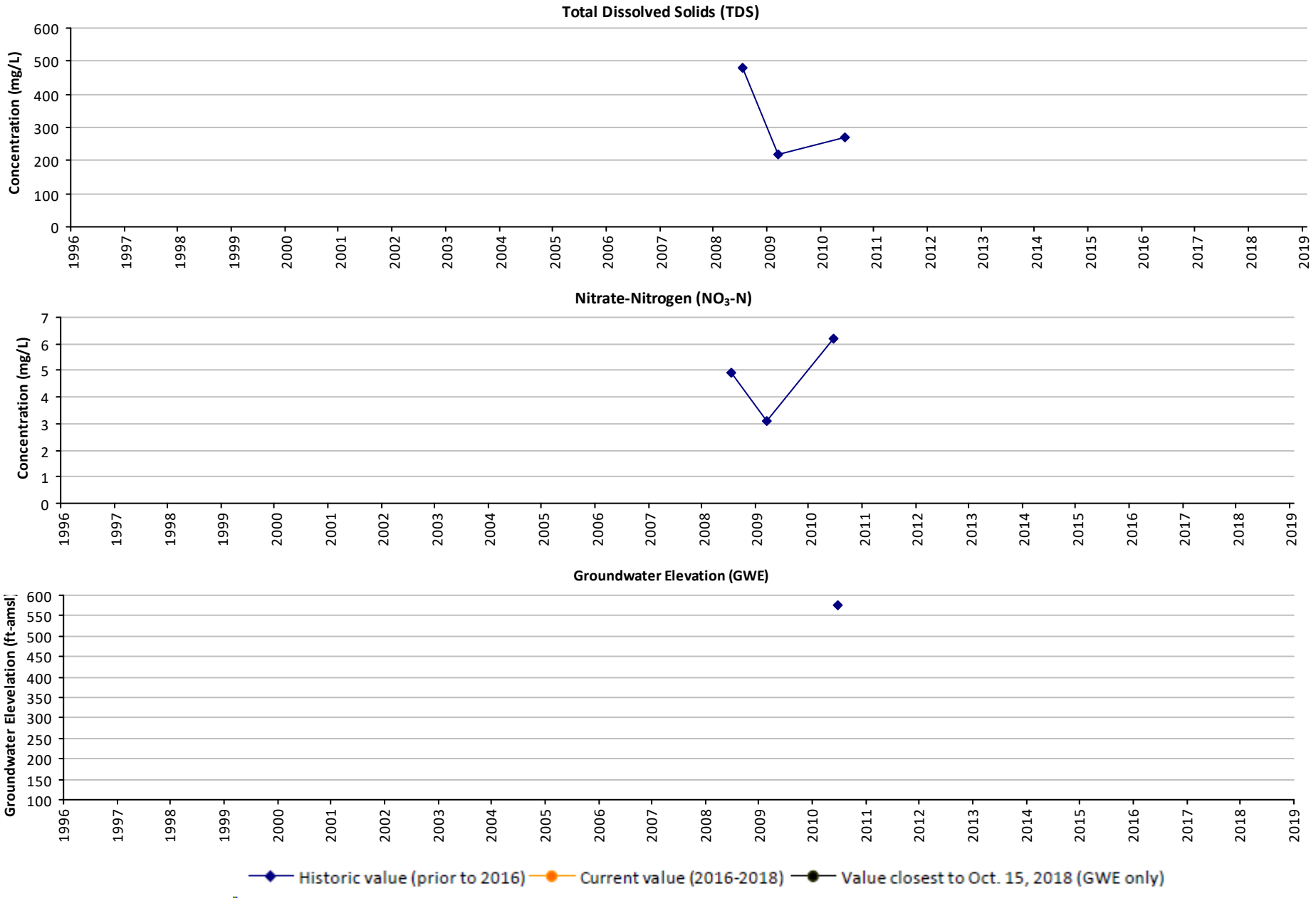

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

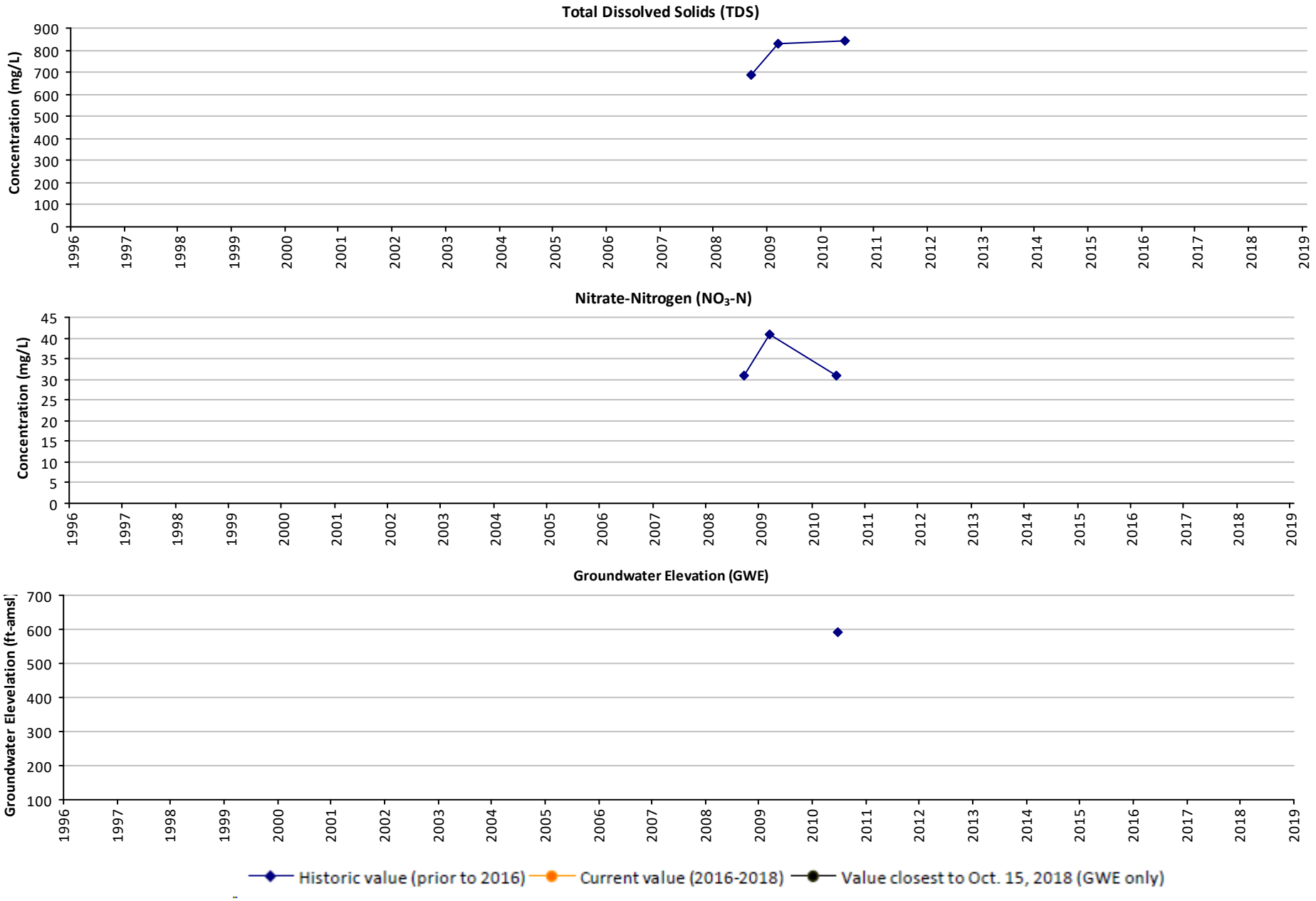

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

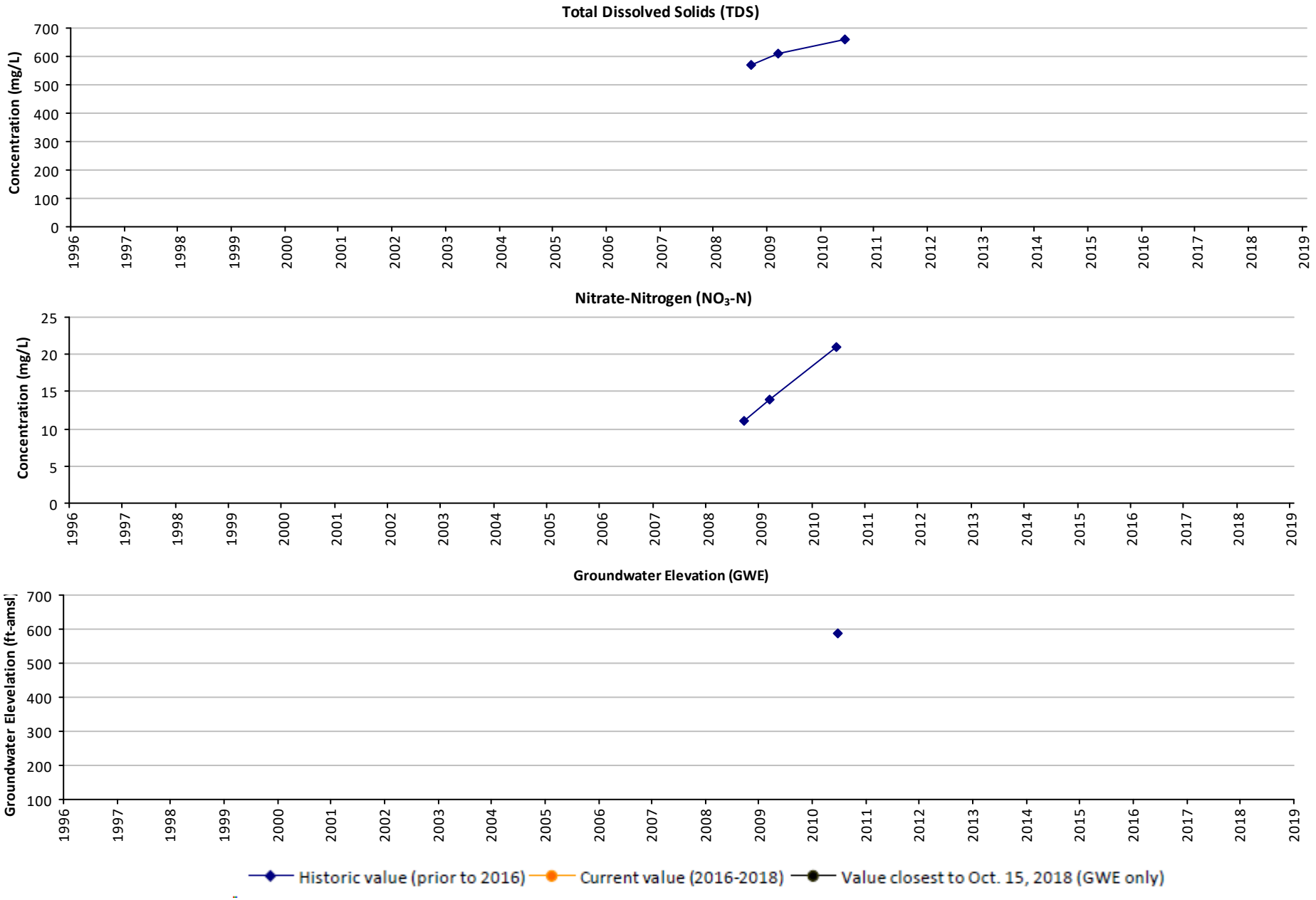

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

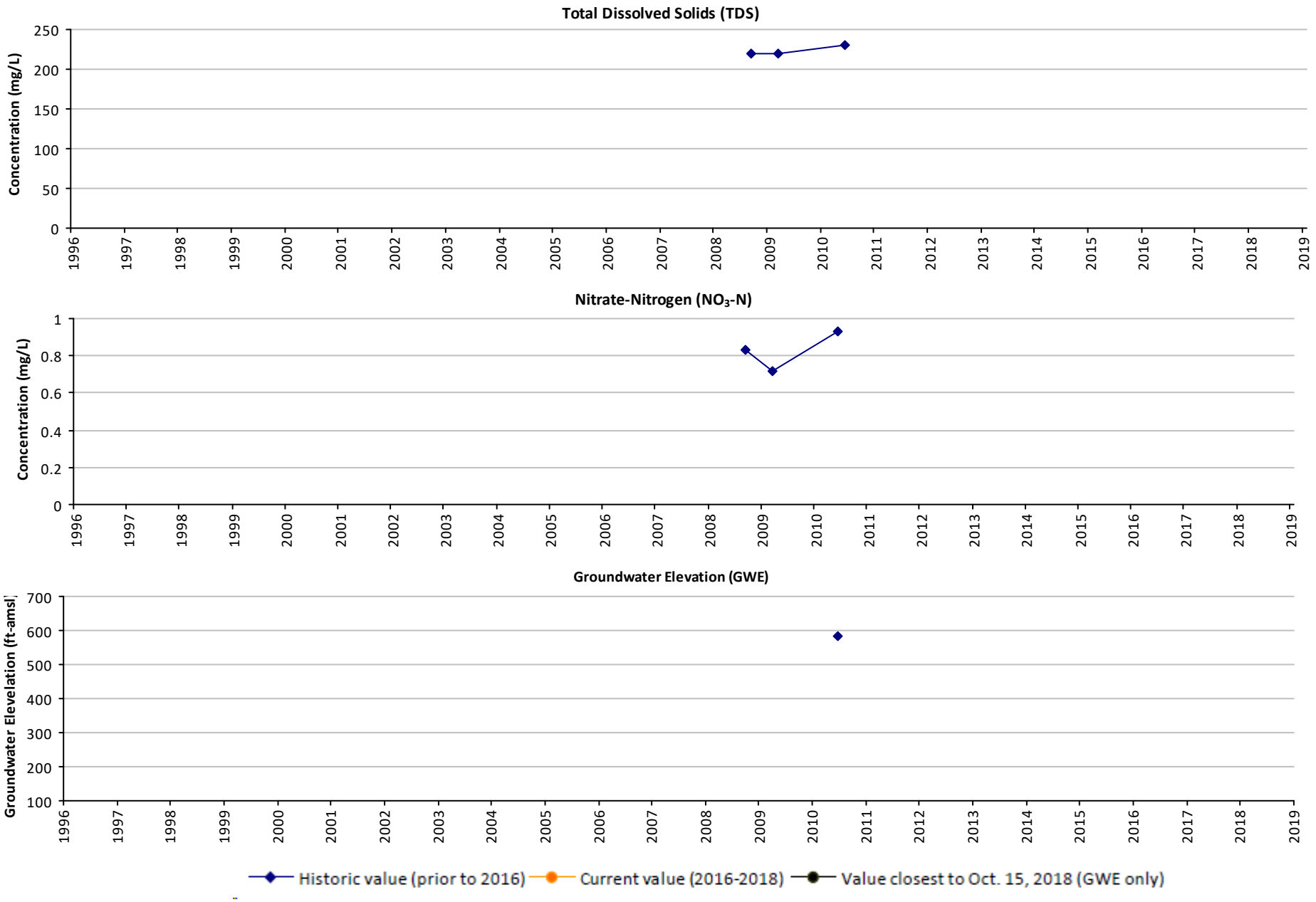

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

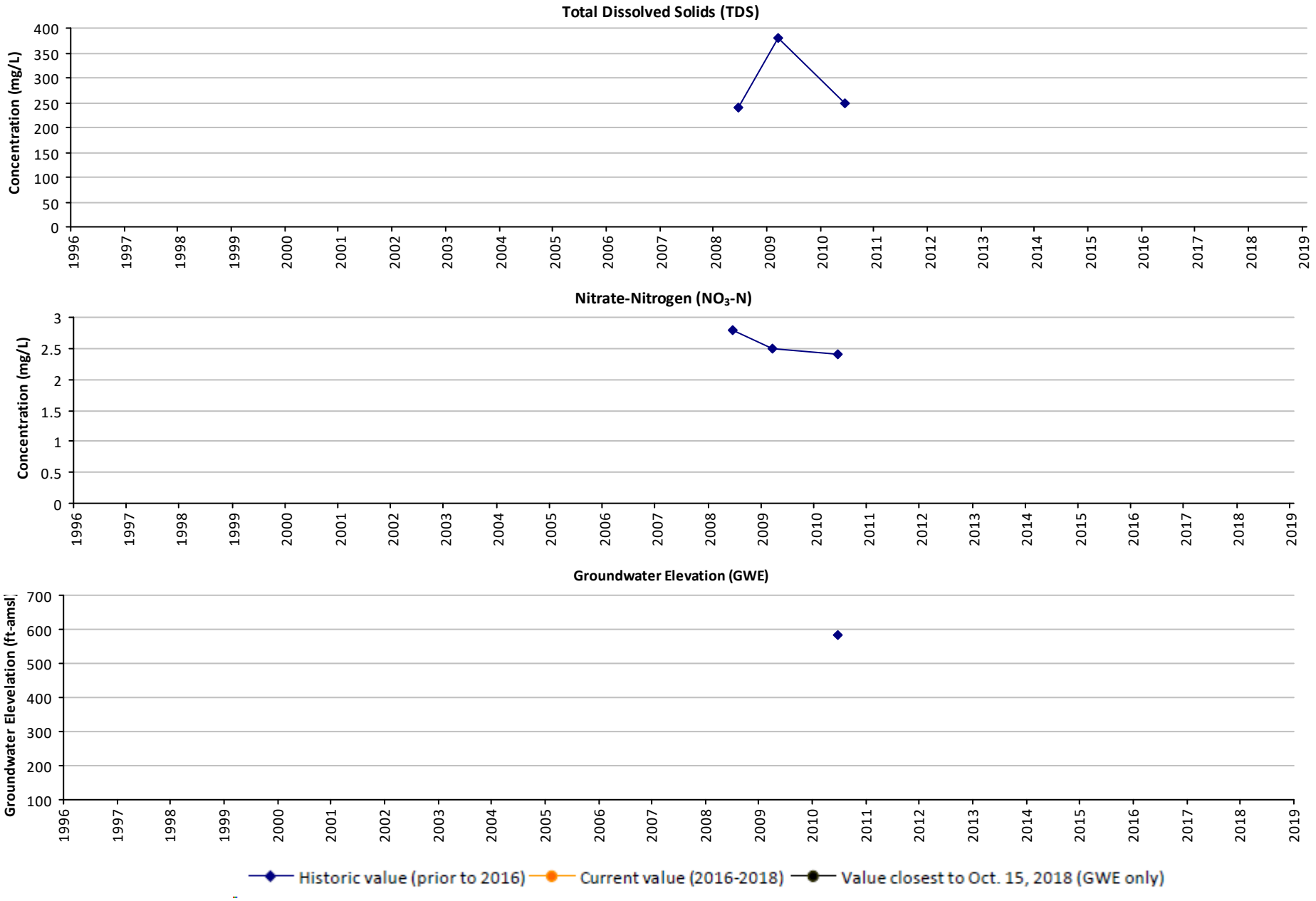

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

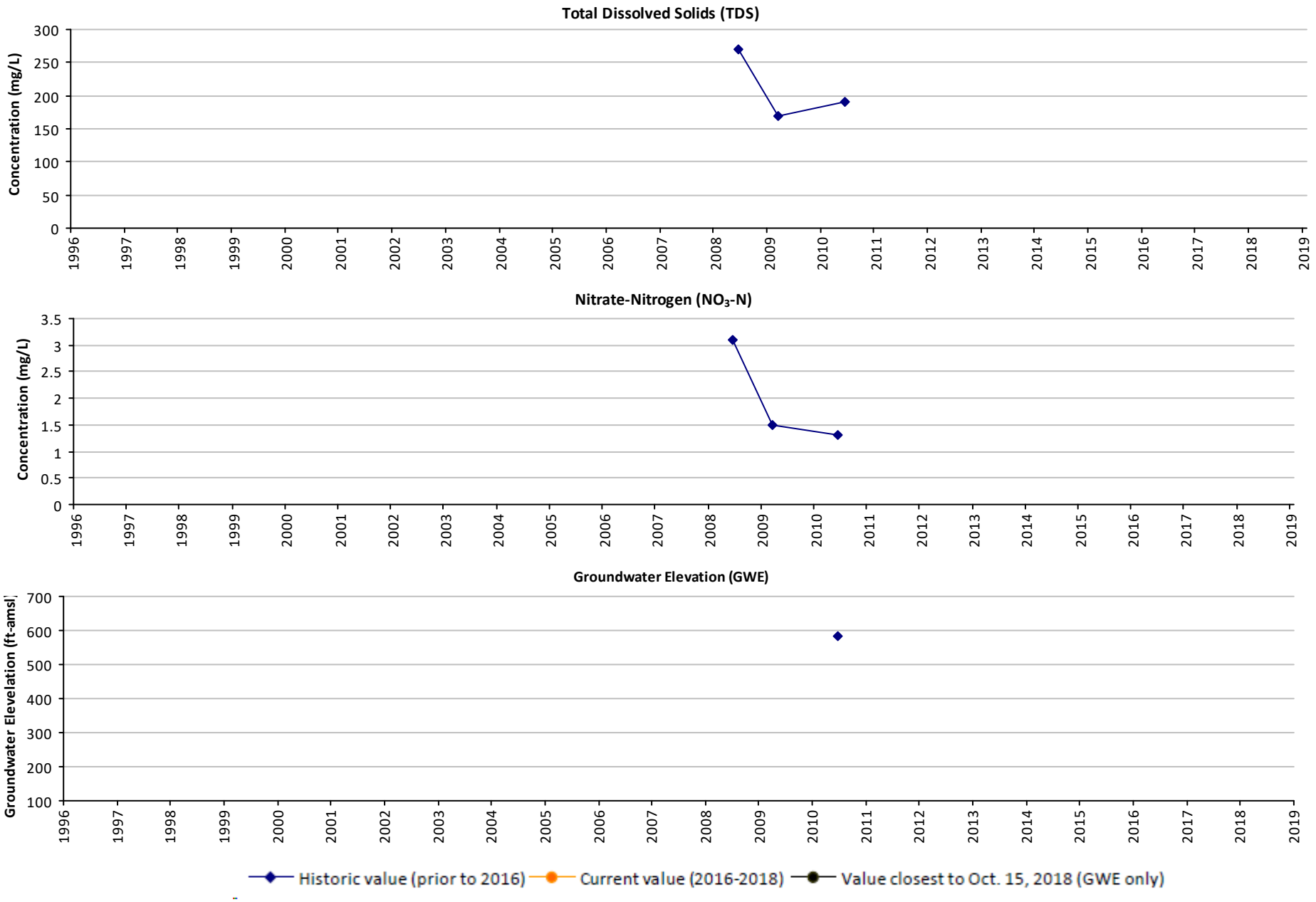

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

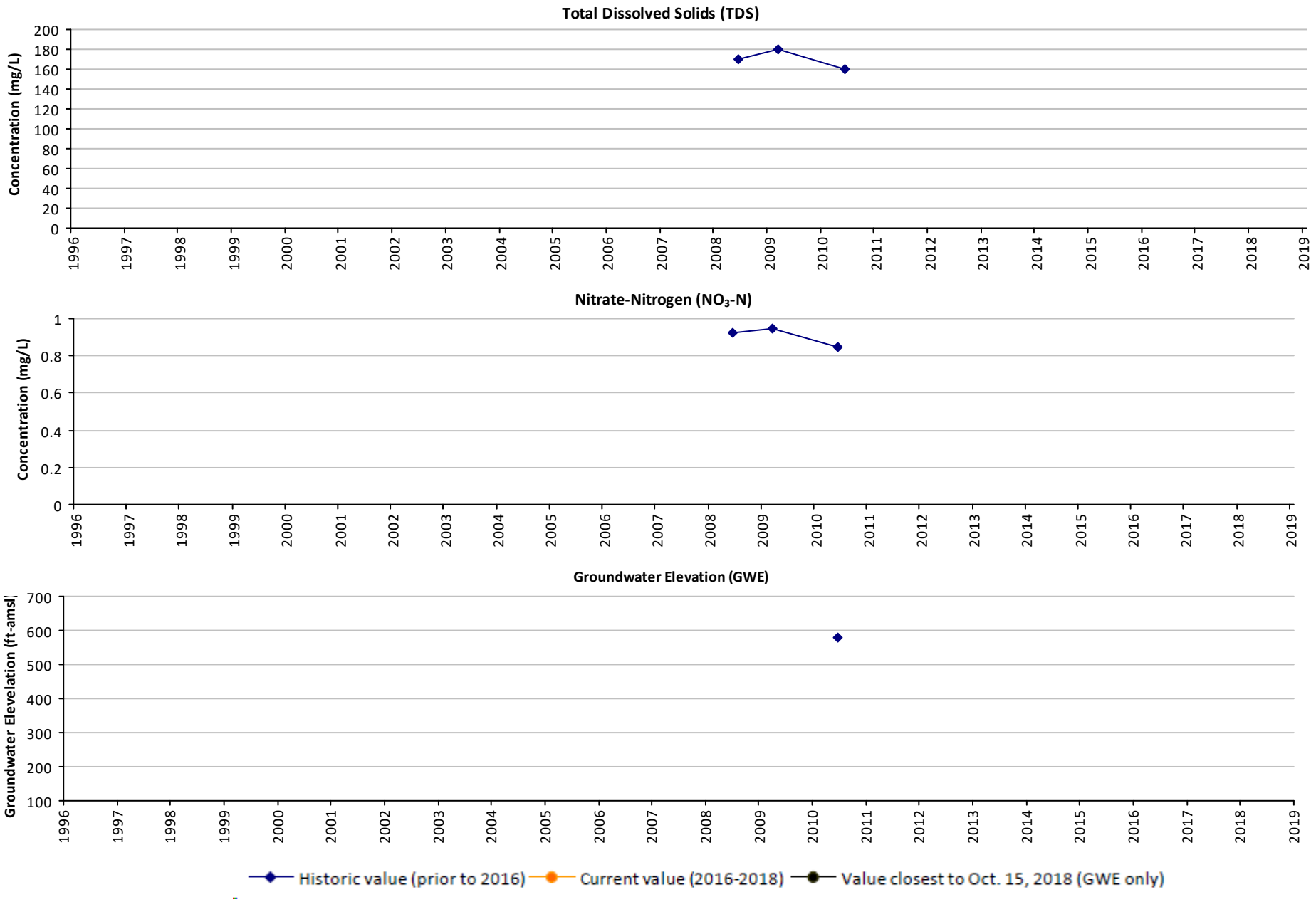

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

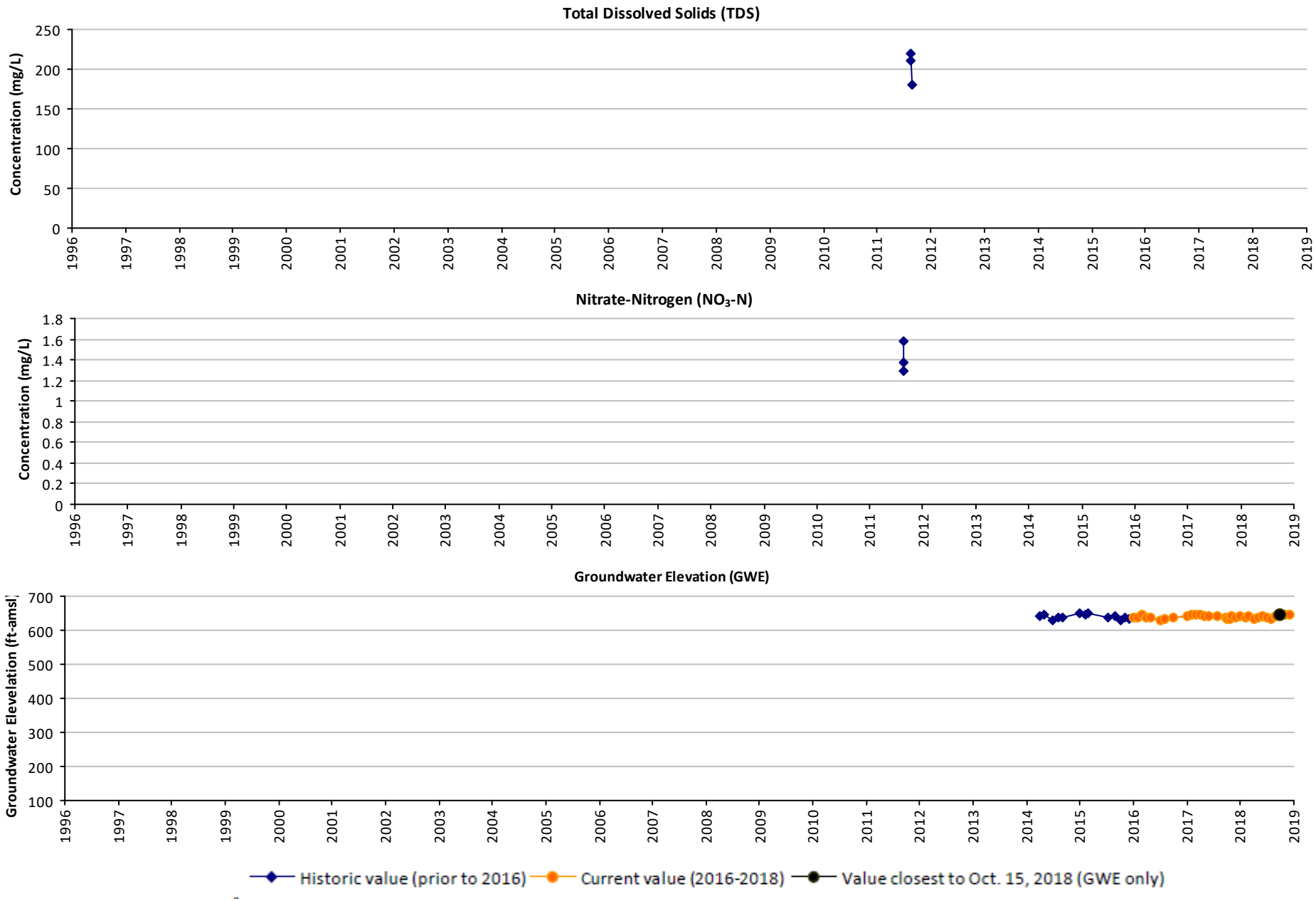

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

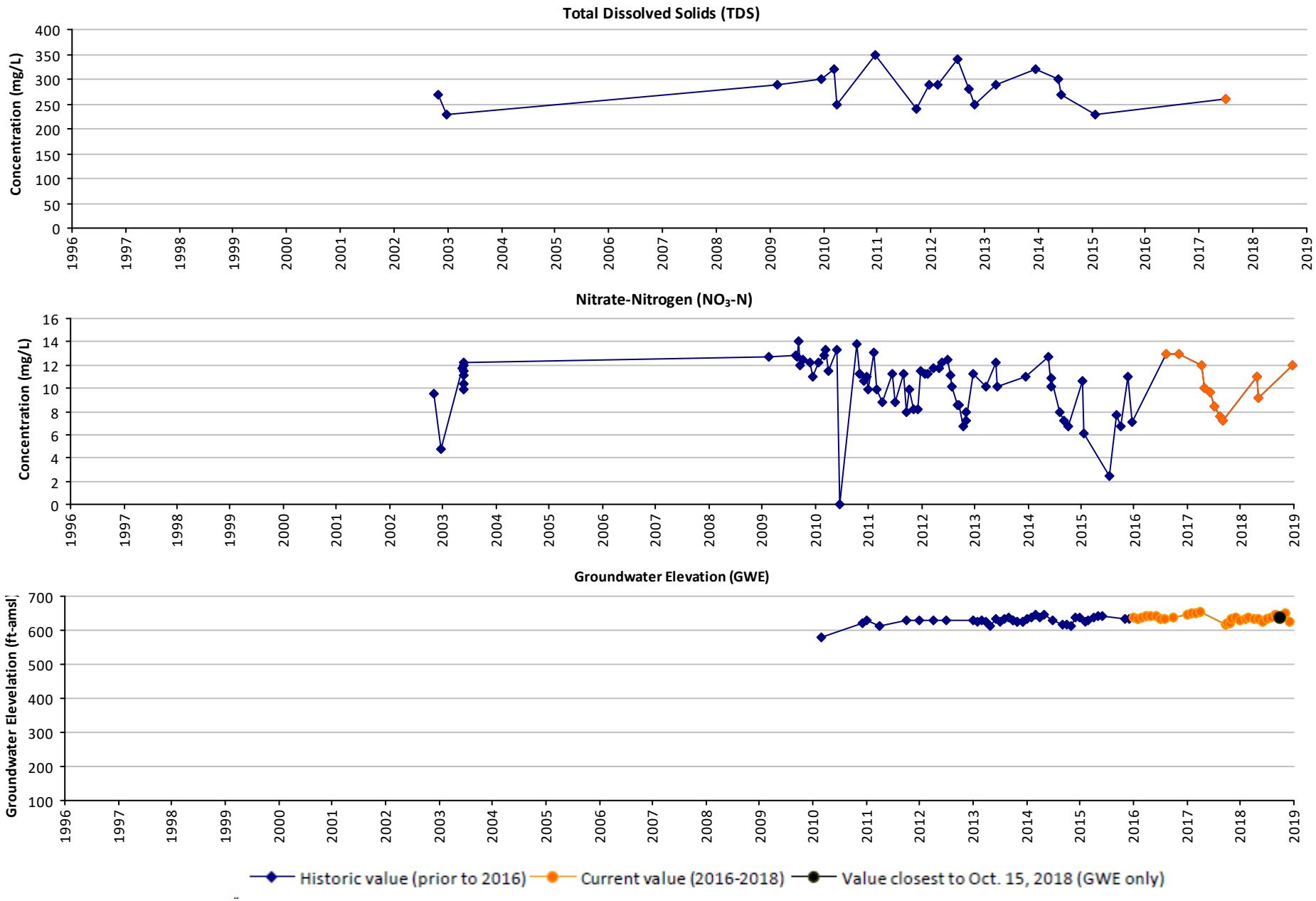

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

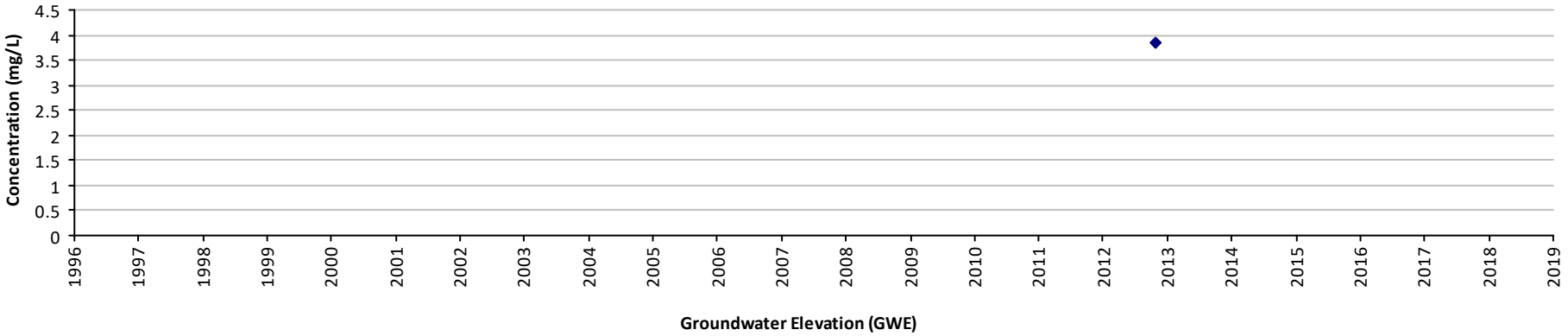

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

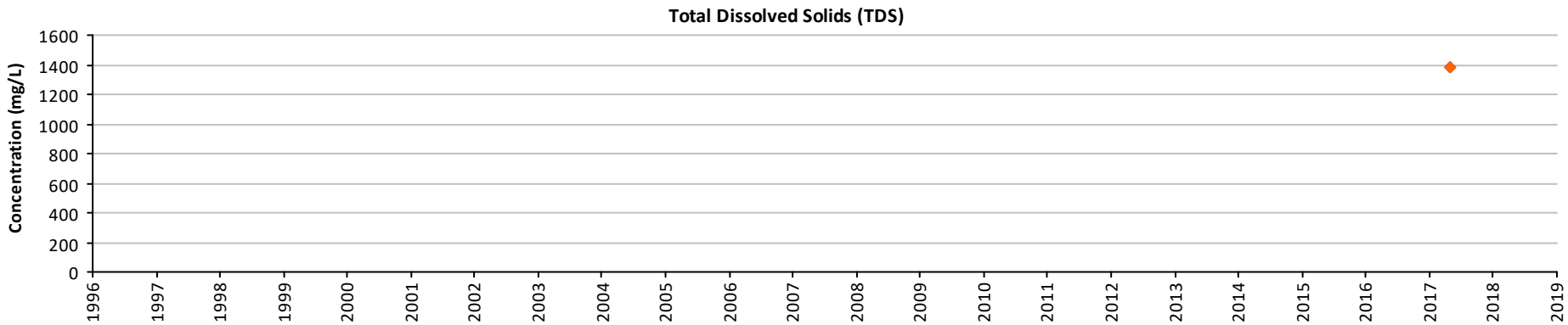

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
2007
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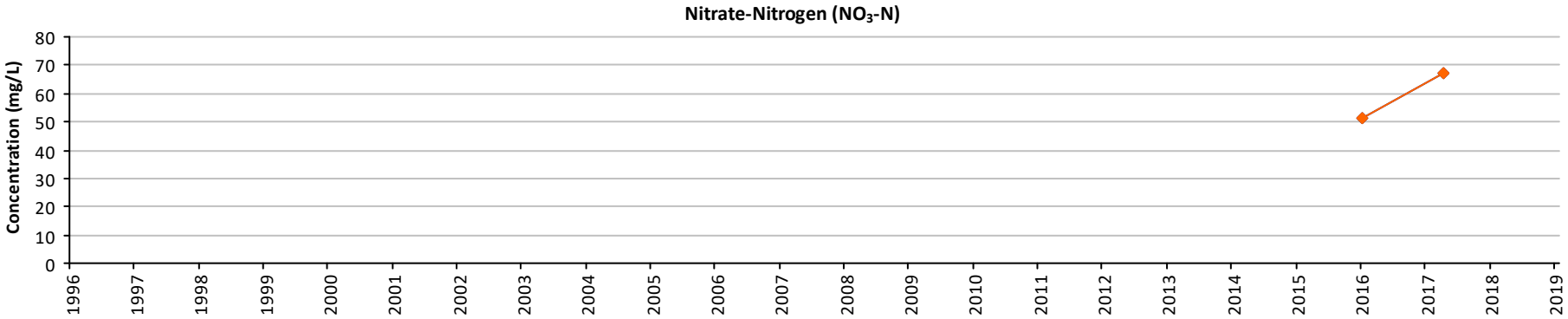
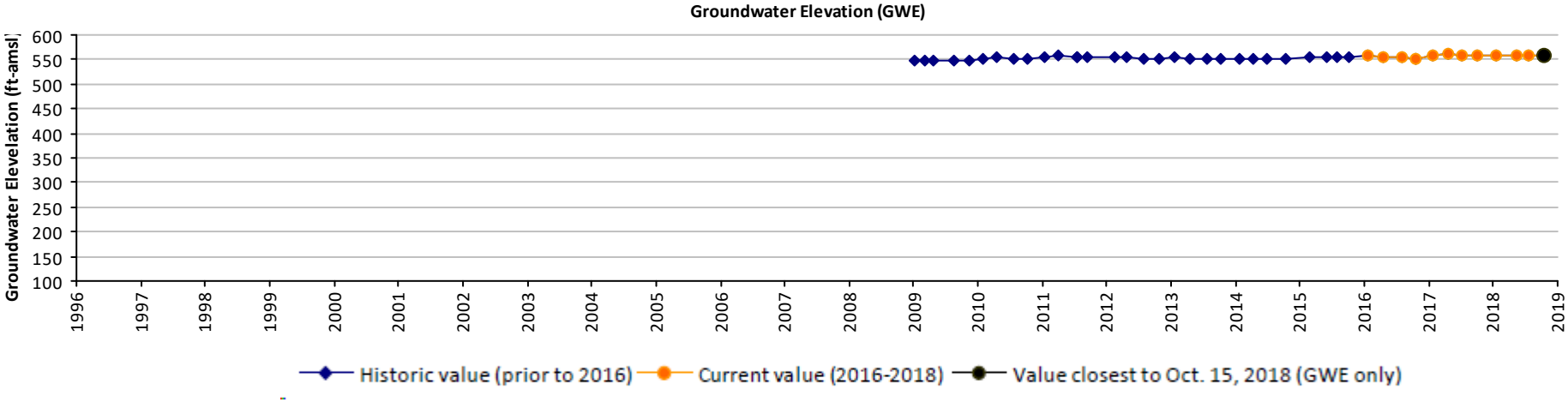
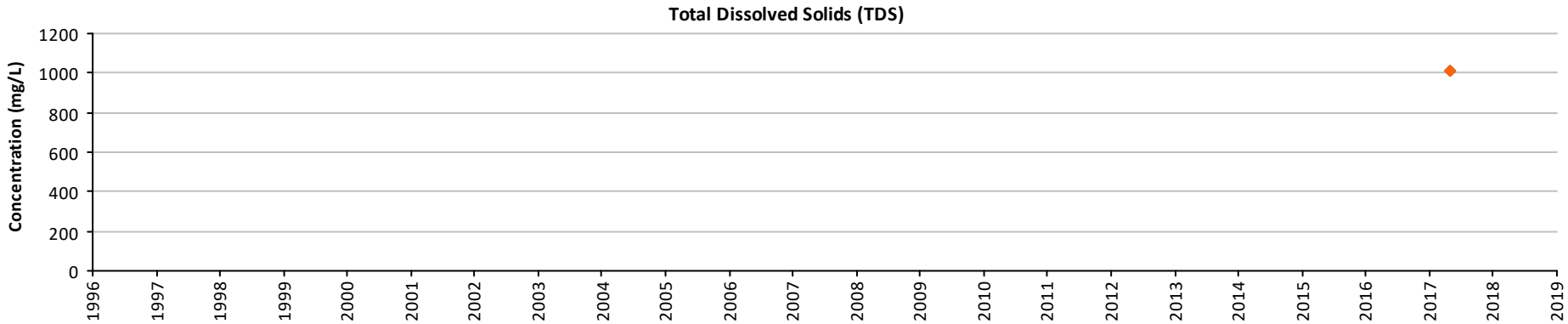
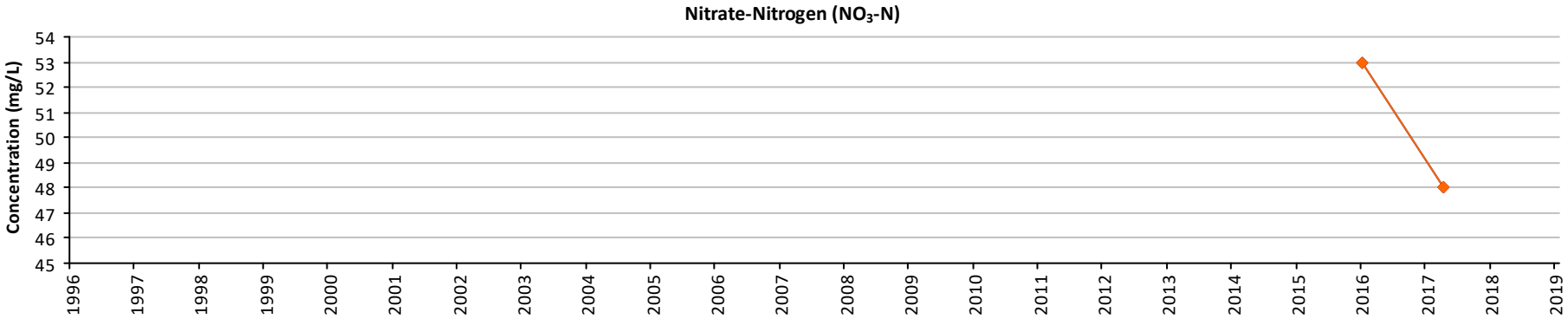
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
45
46
47
48
49
50
51
52
53
54
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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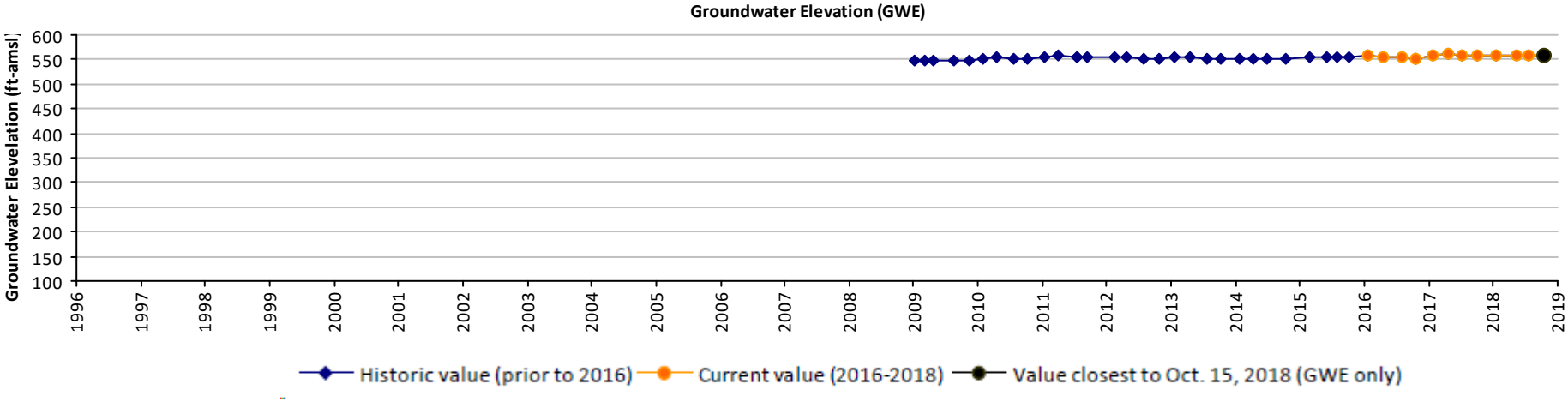
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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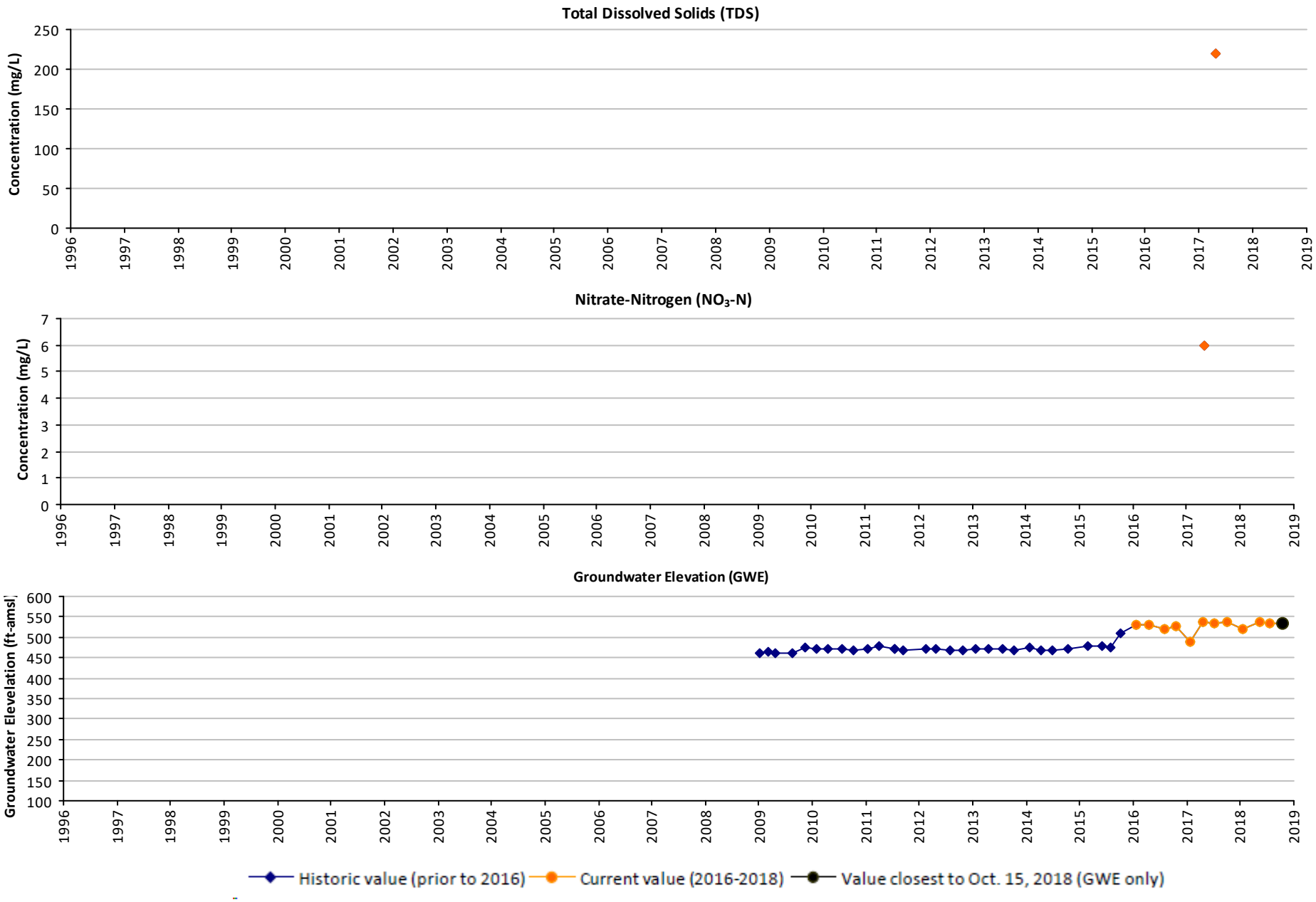
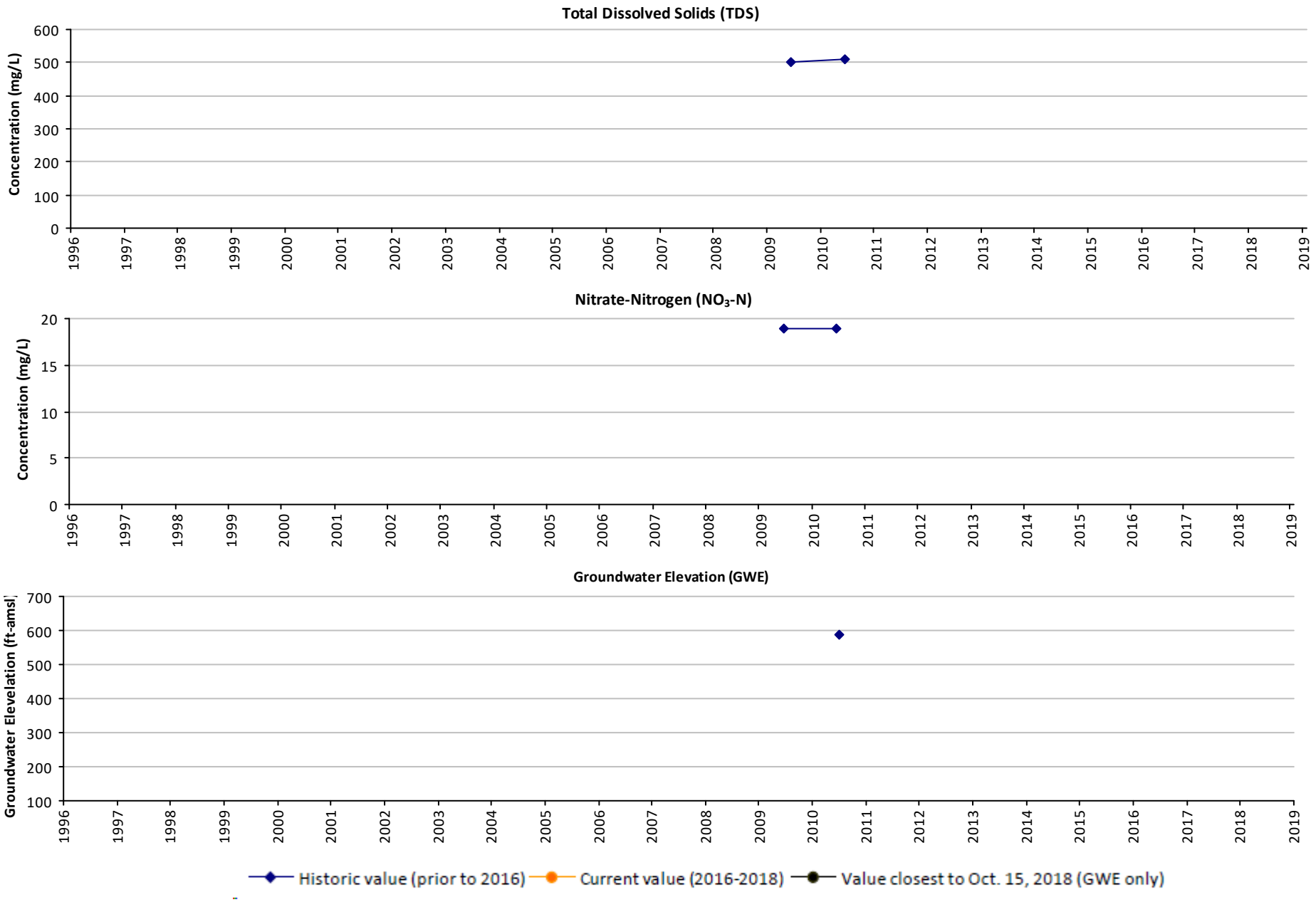
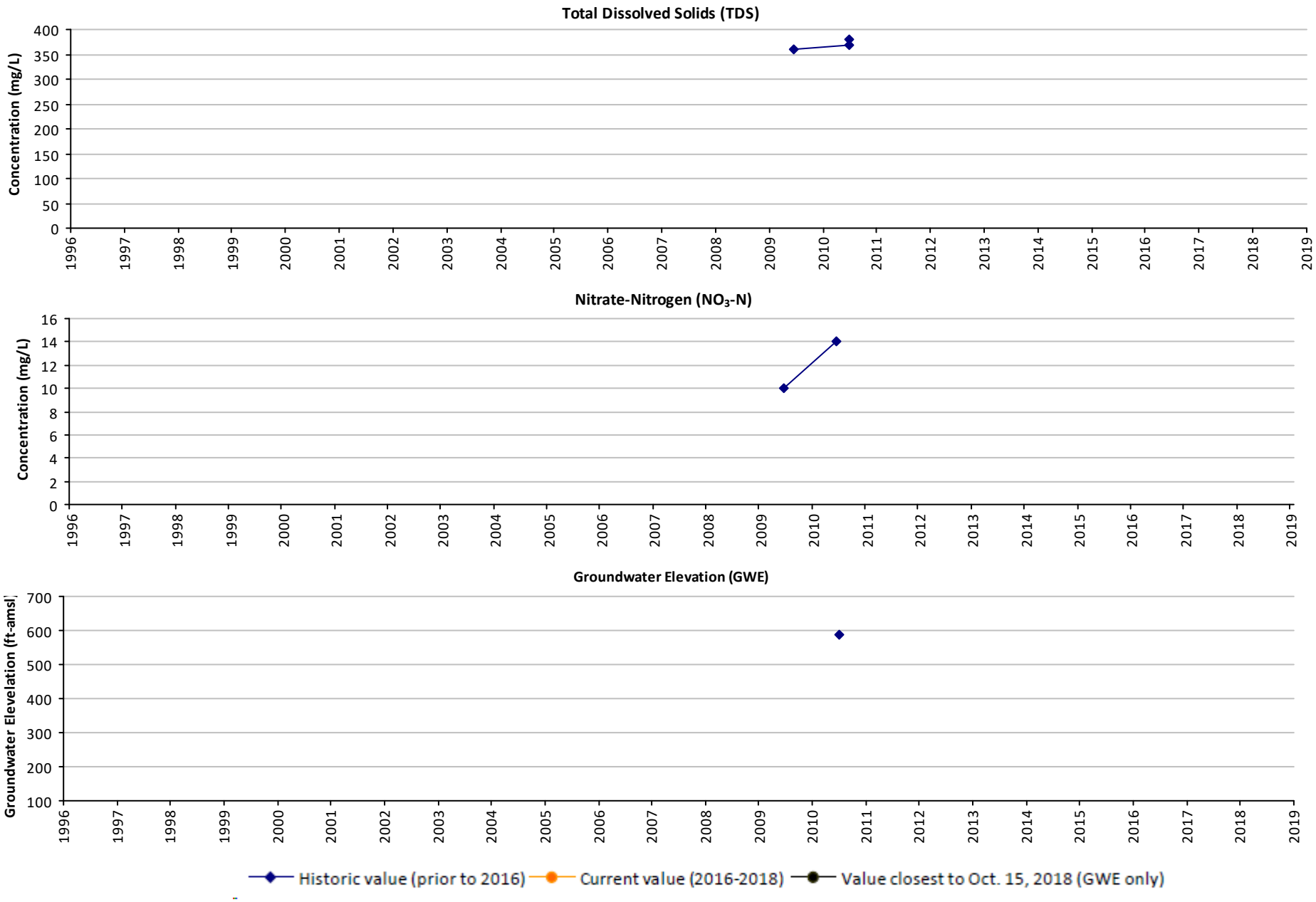
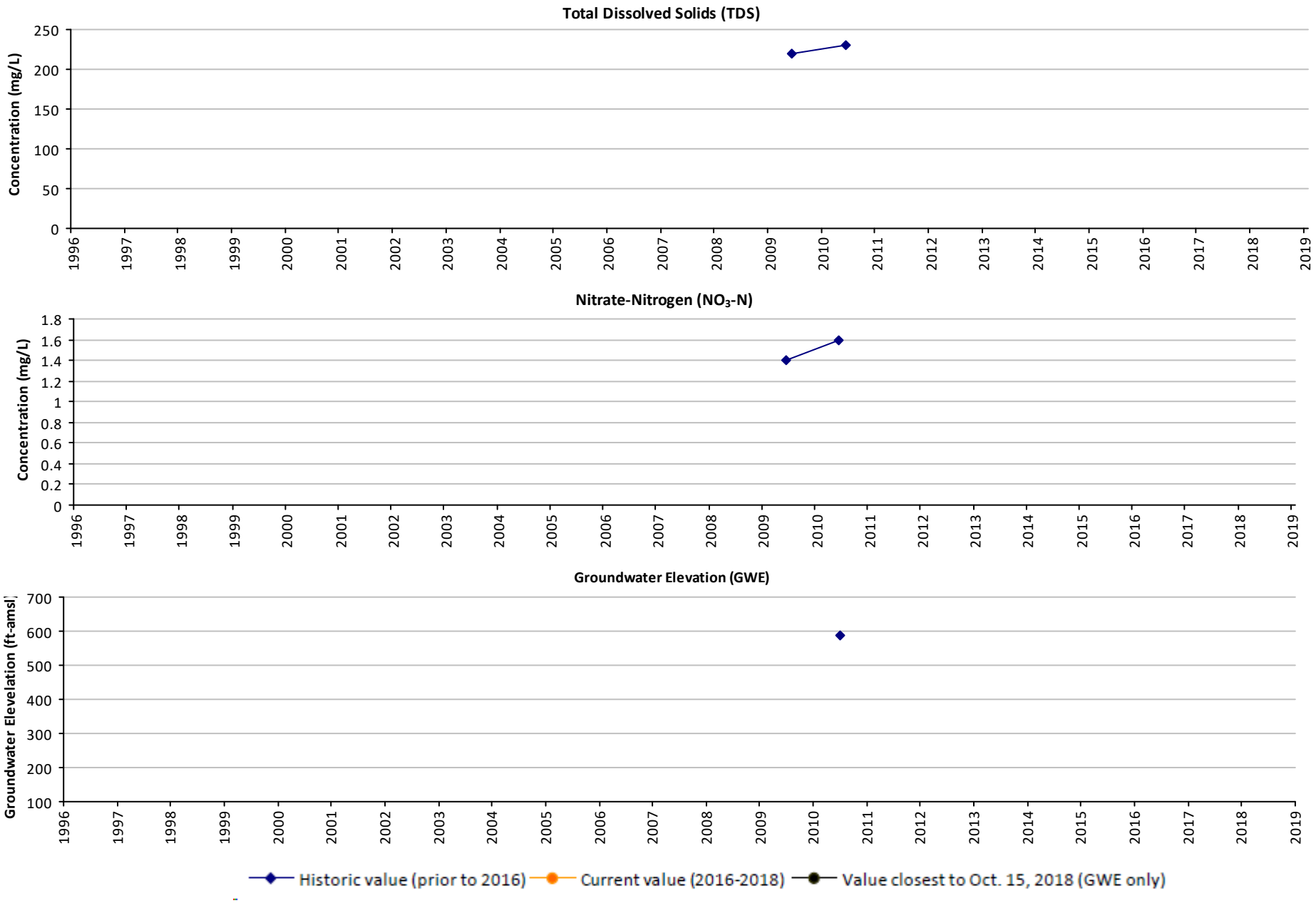
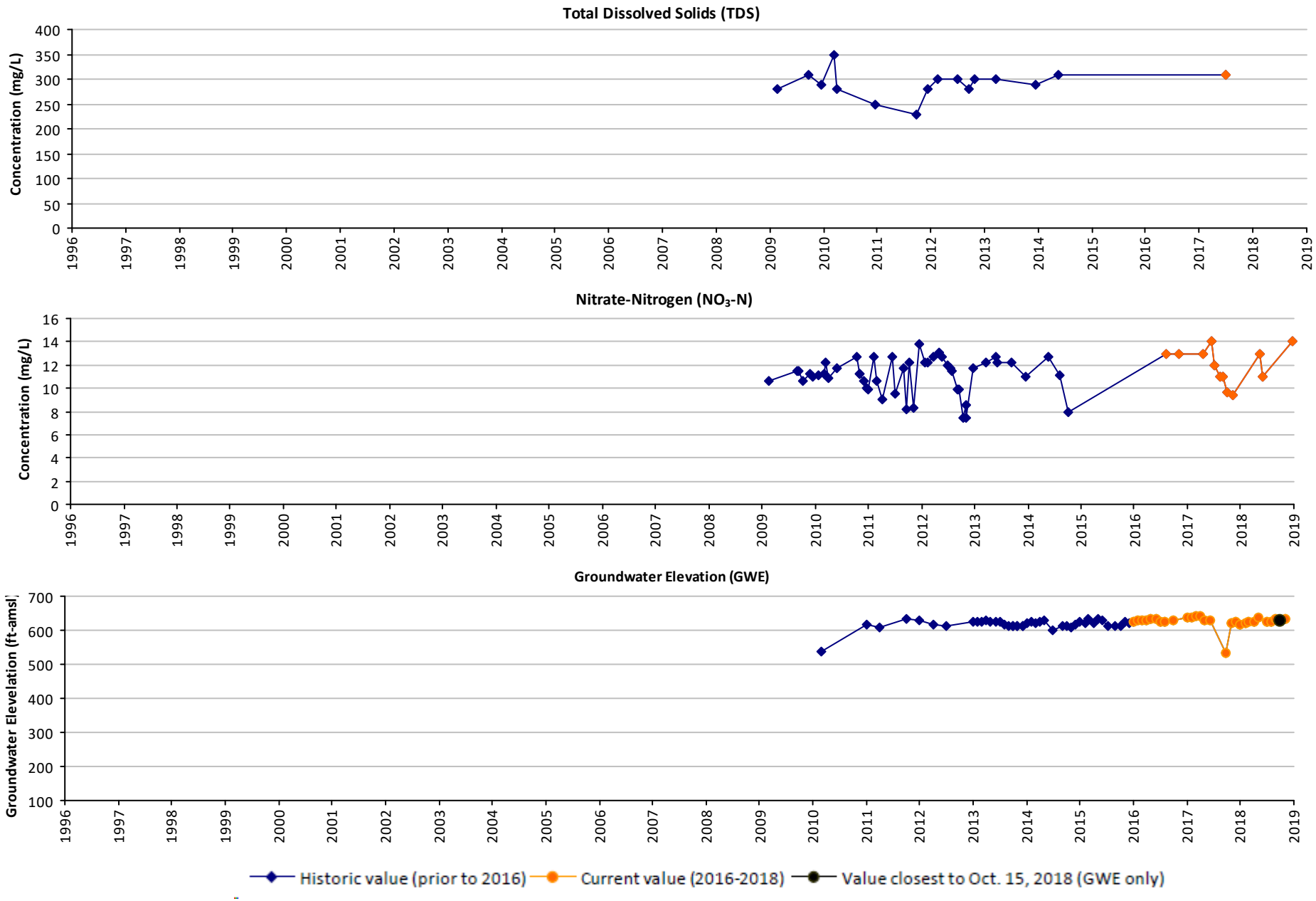
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

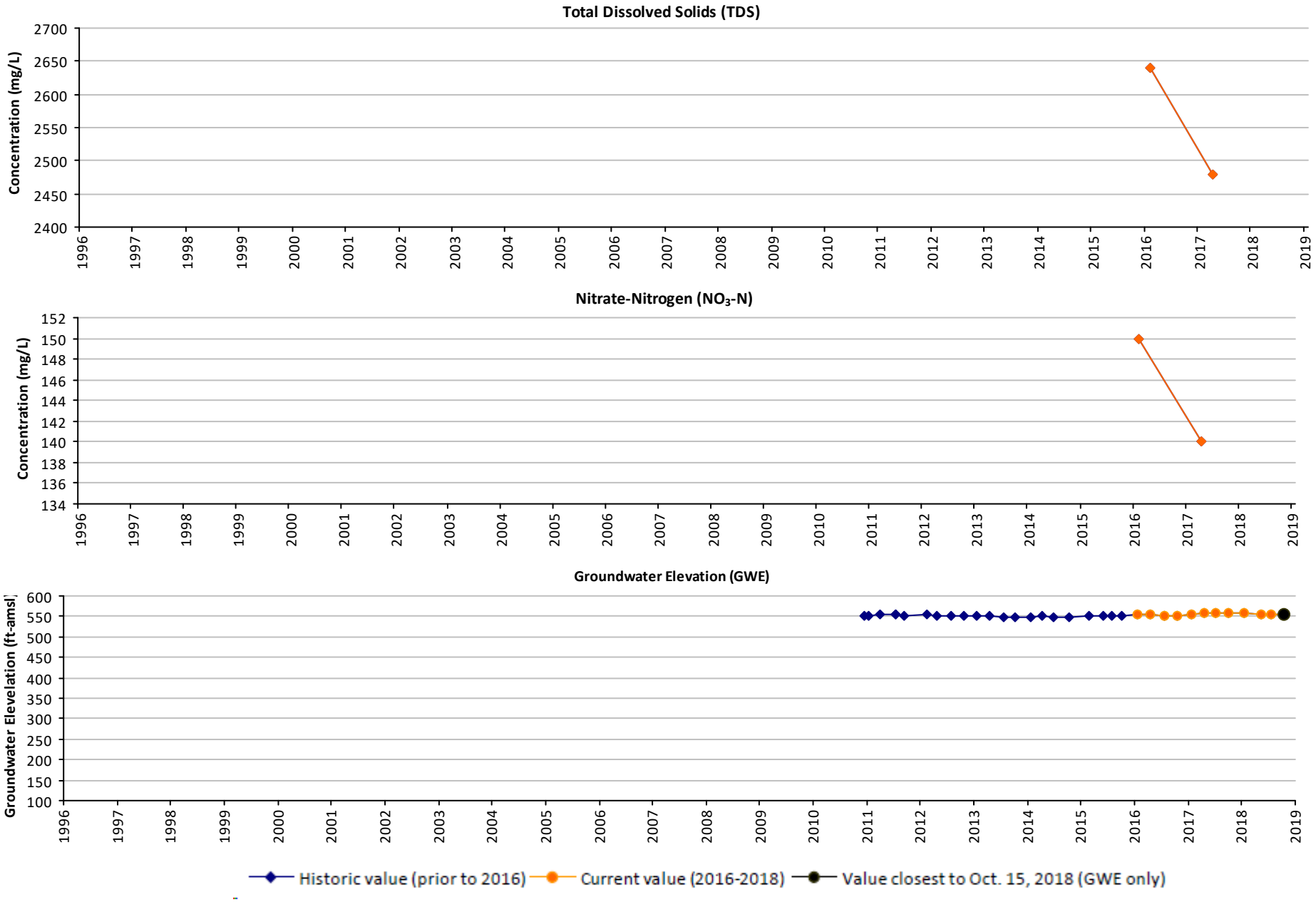

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

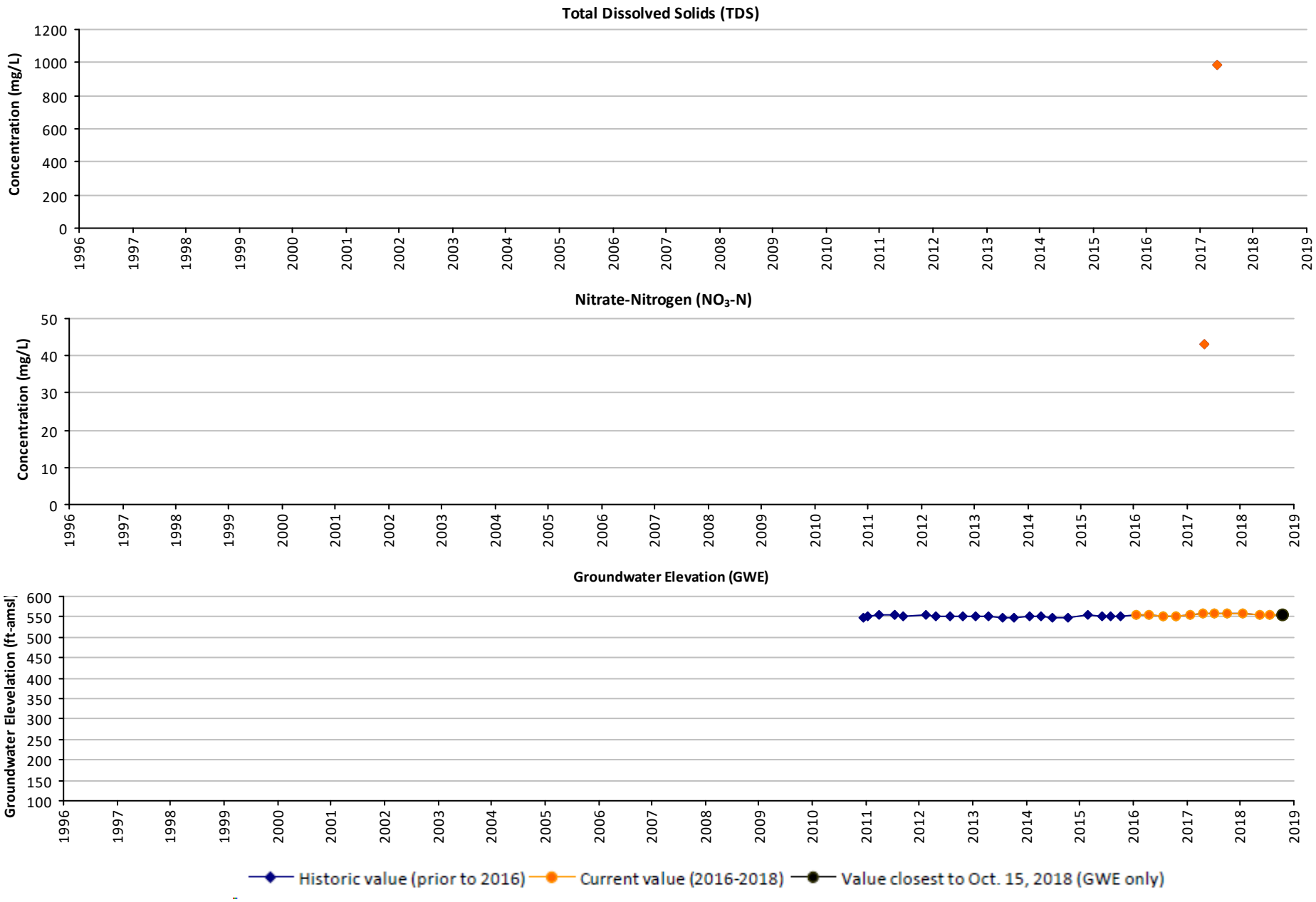

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

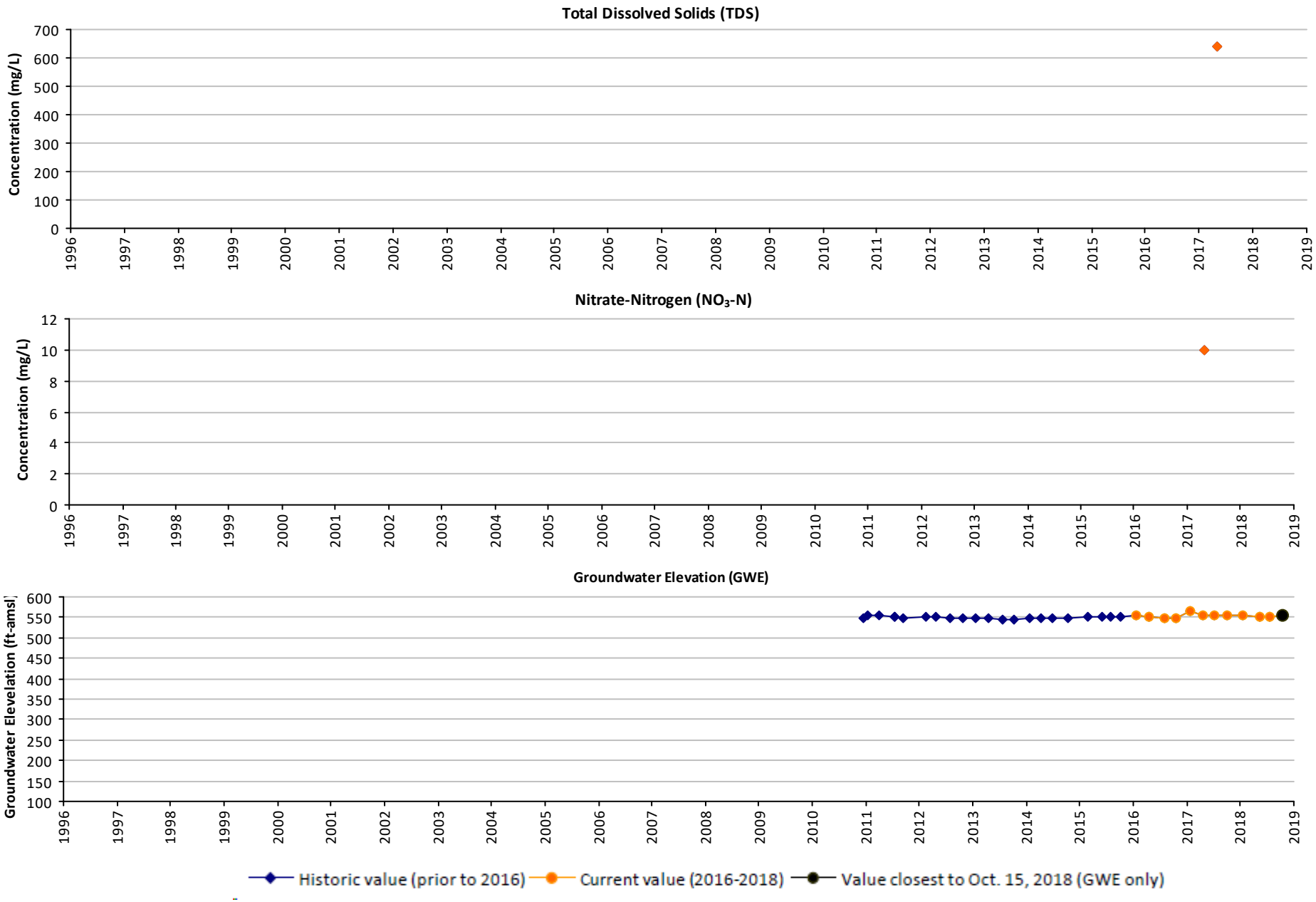

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

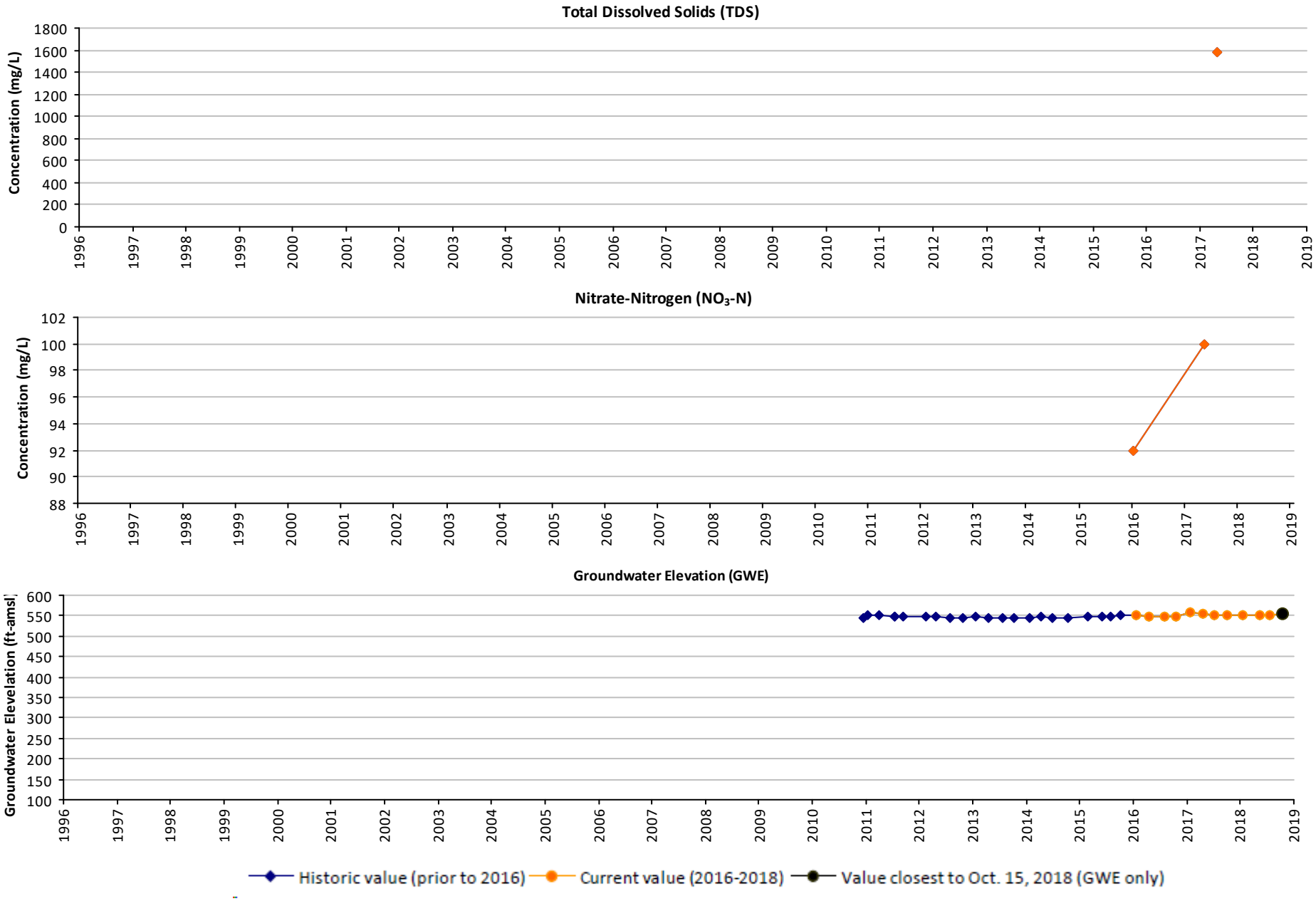

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

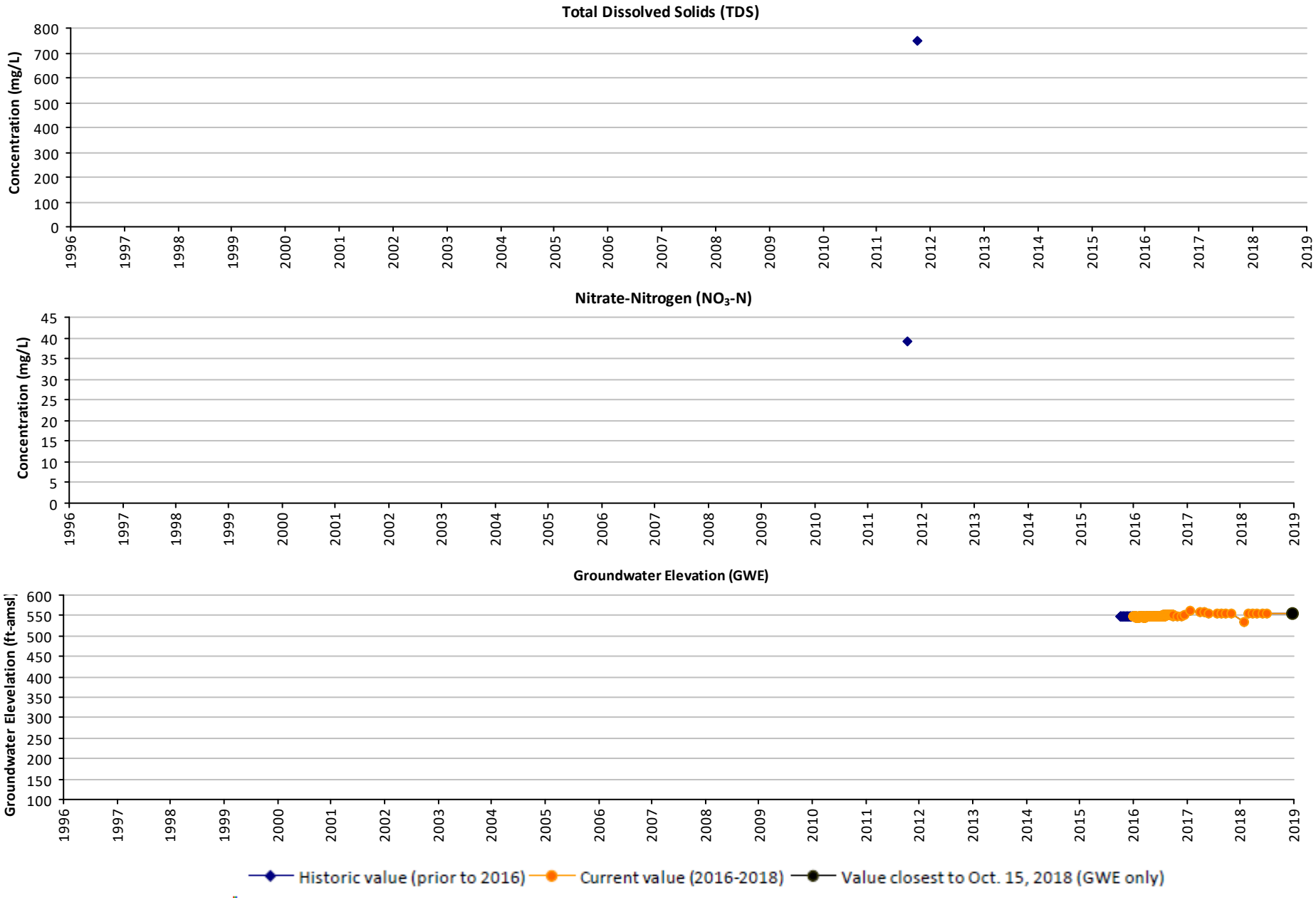

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

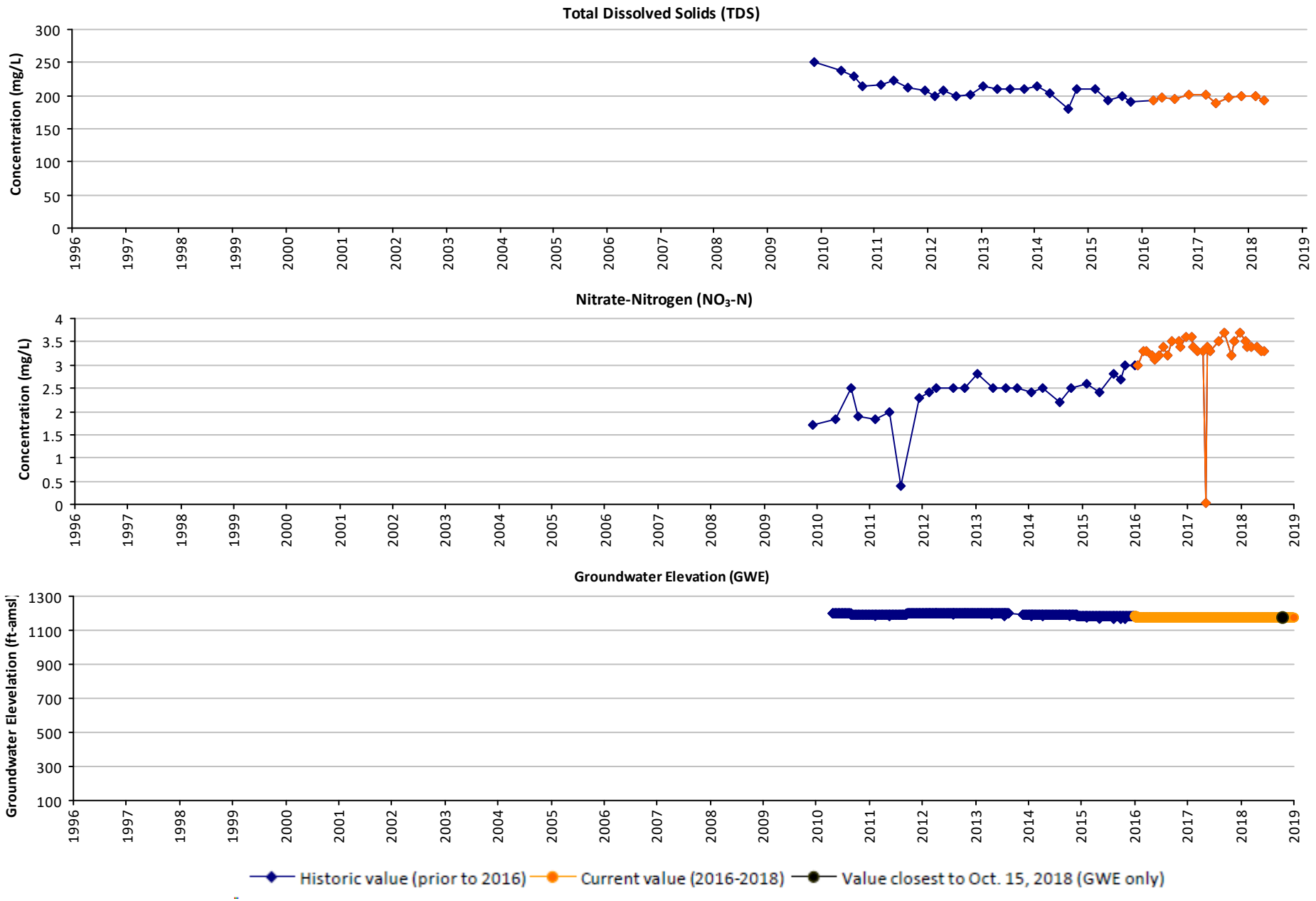

Total Dissolved Solids (TDS)
Concentration (mg/L)
2700
2650
2600
2550
2500
2450
2400
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
152
150
148
146
144
142
140
138
136
134
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

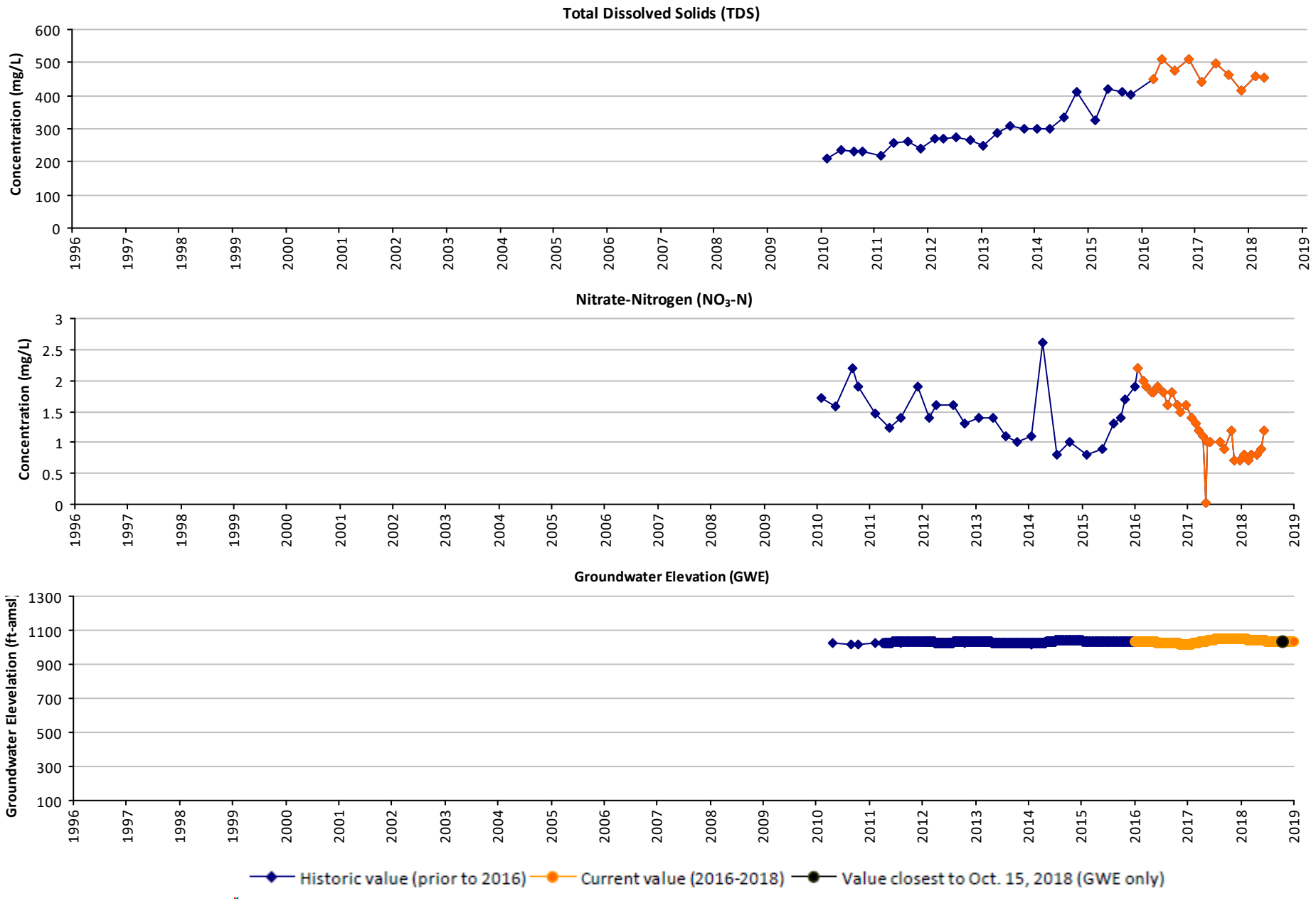

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

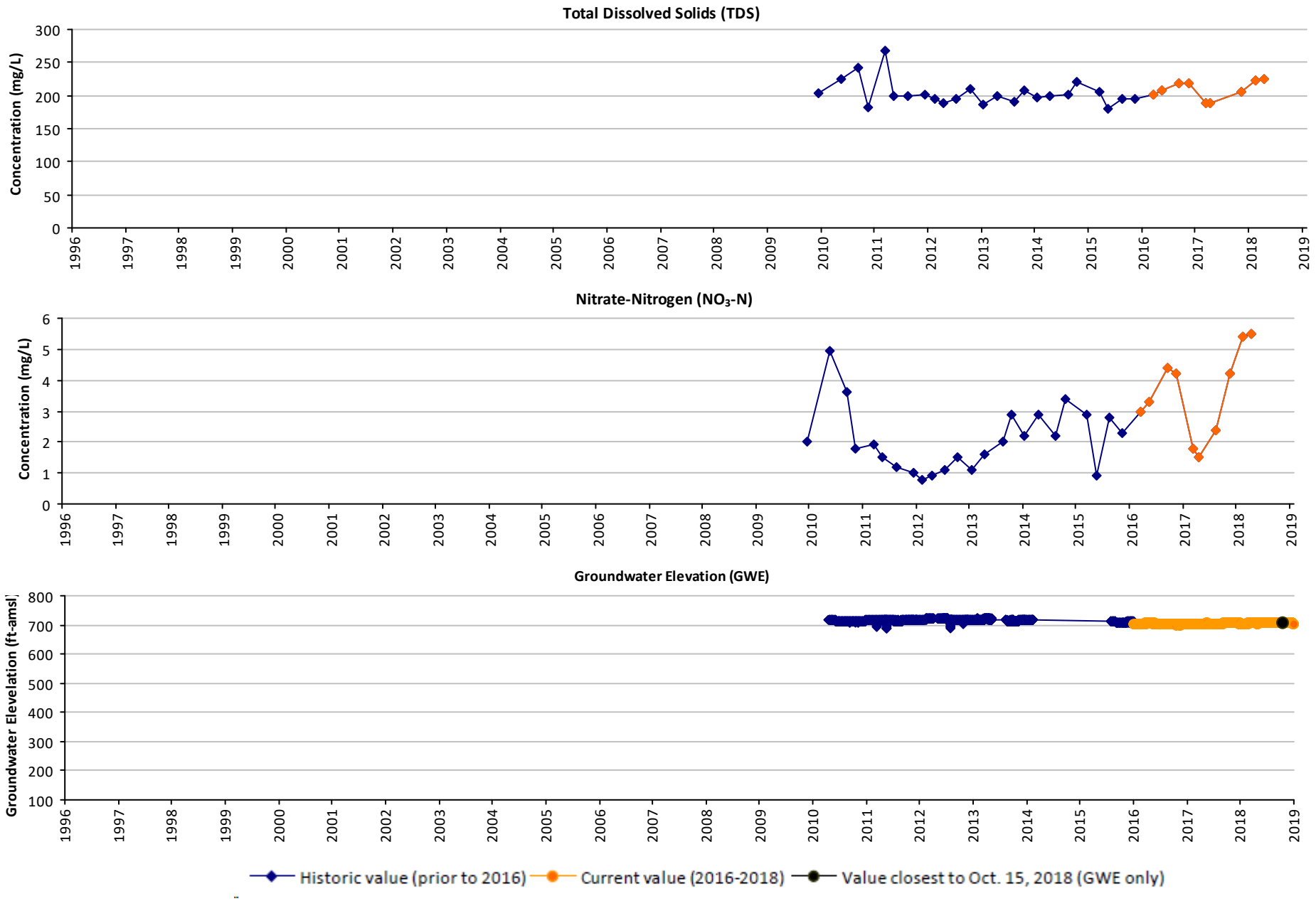

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

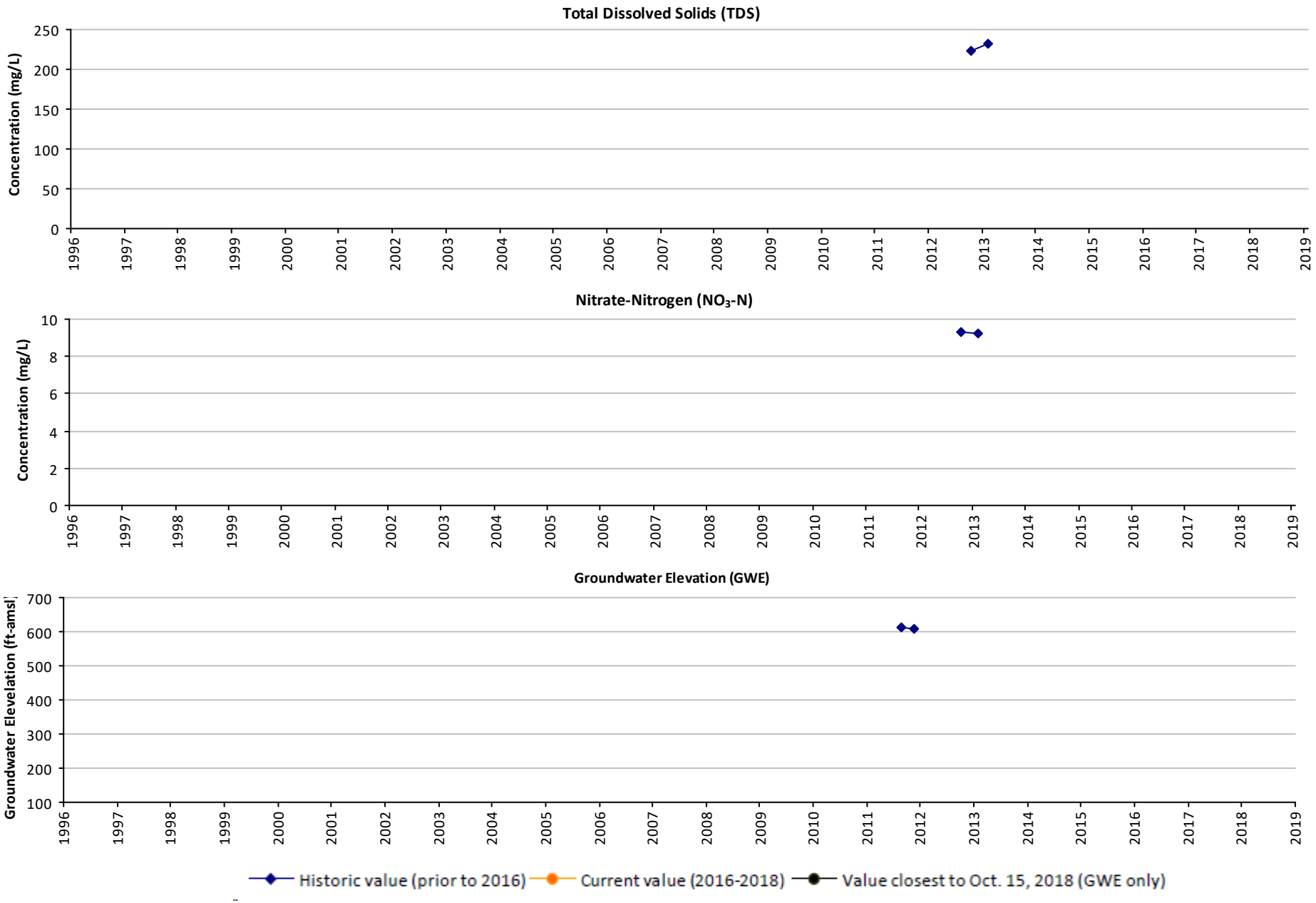

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

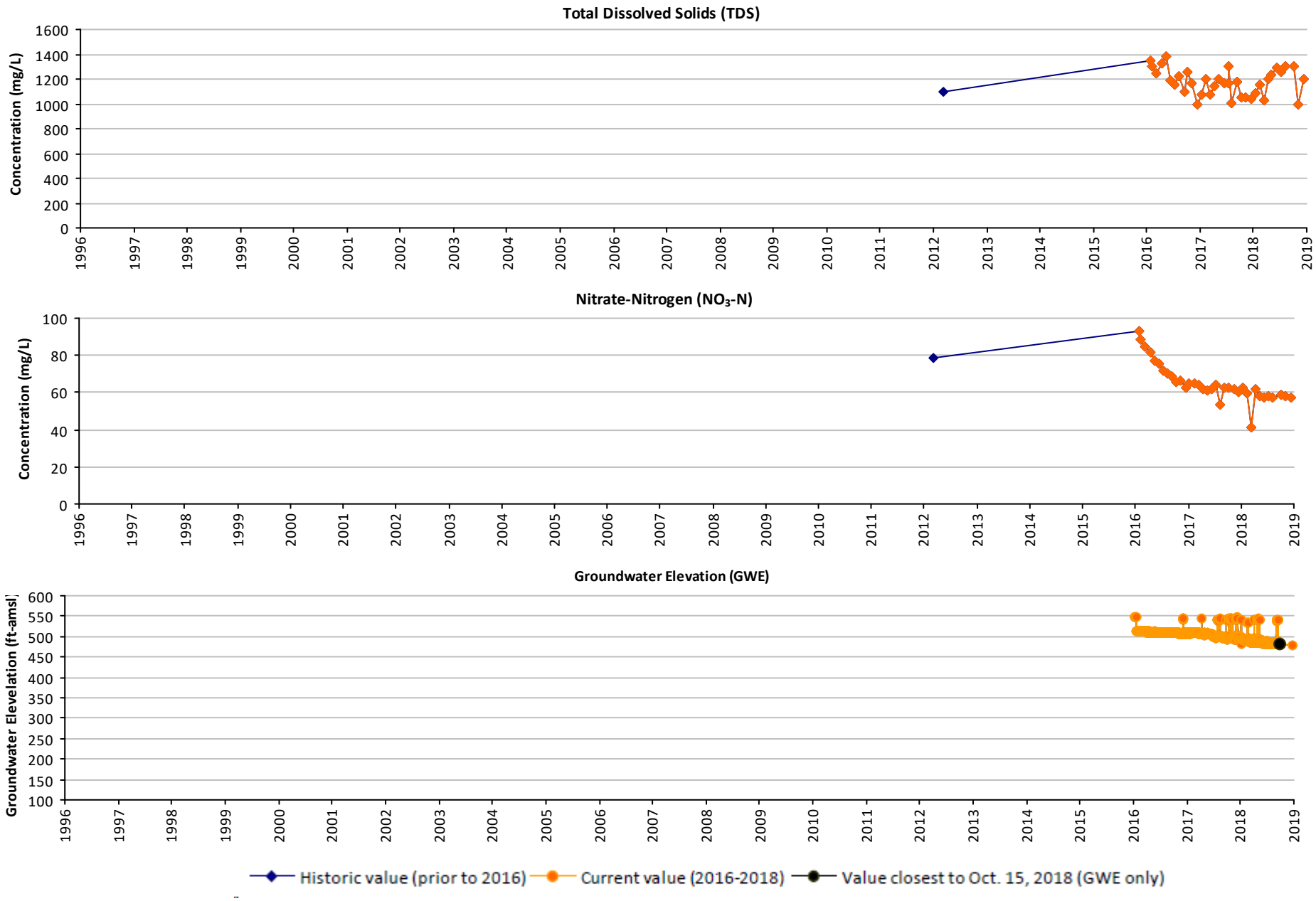

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

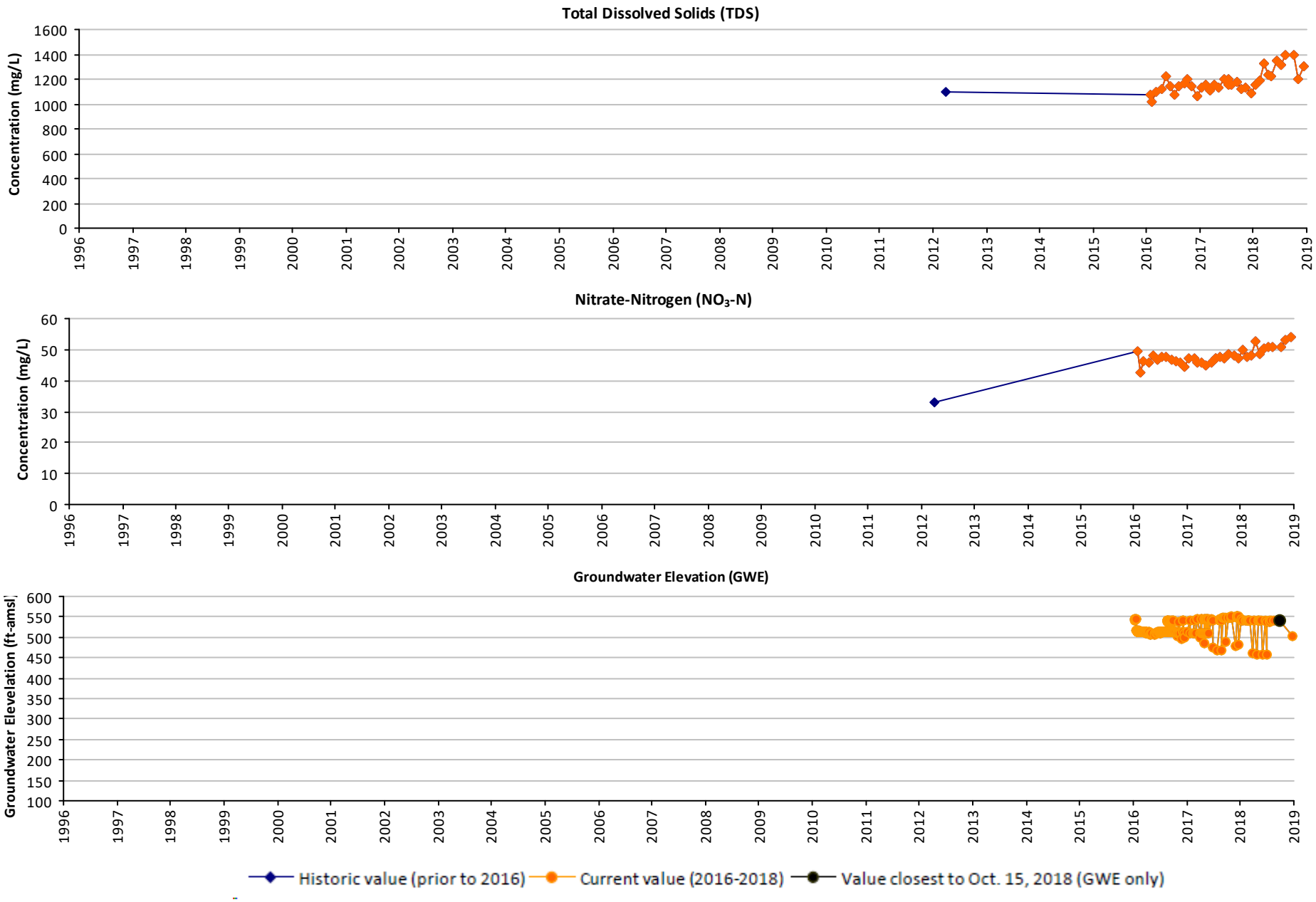

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
300
500
700
900
1100
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

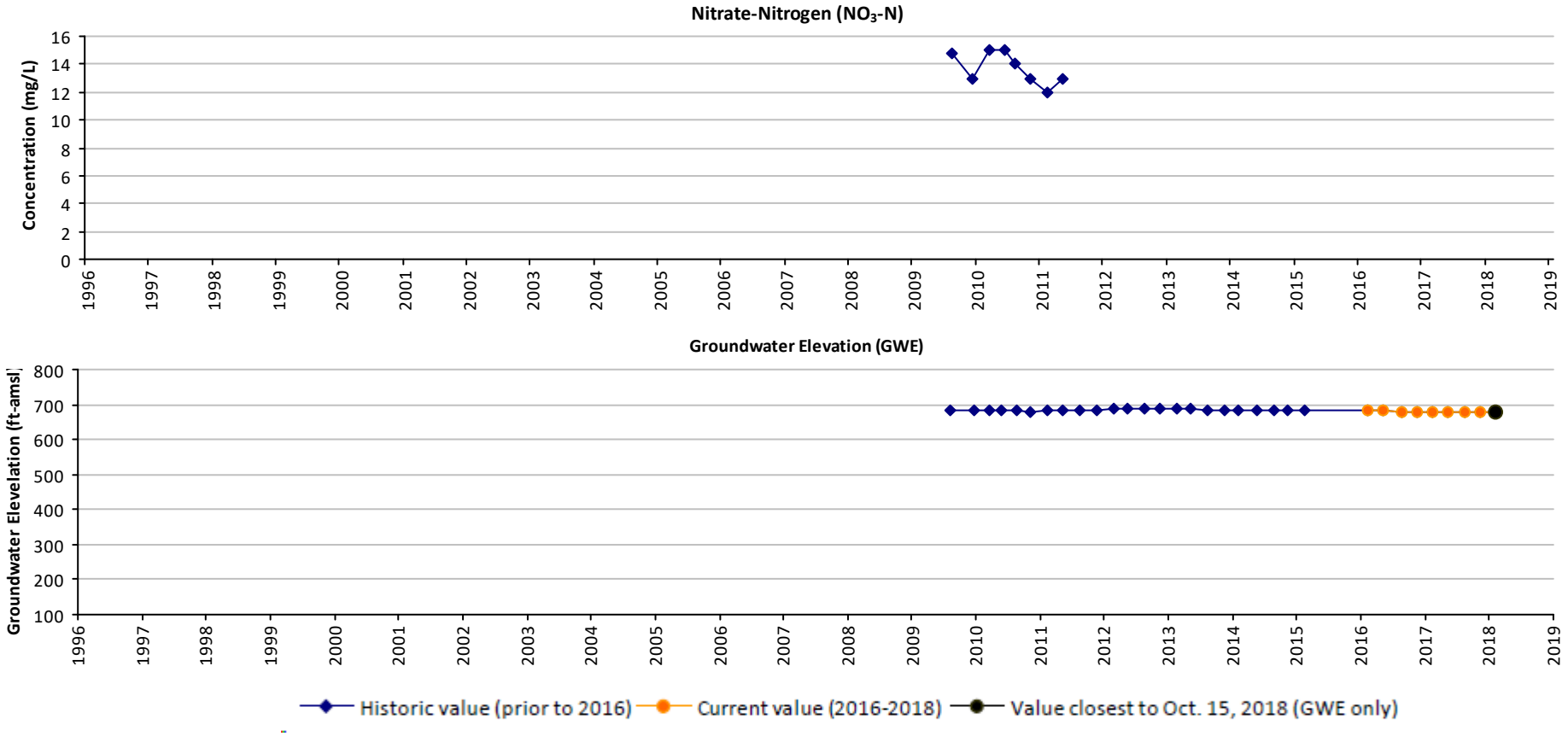

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

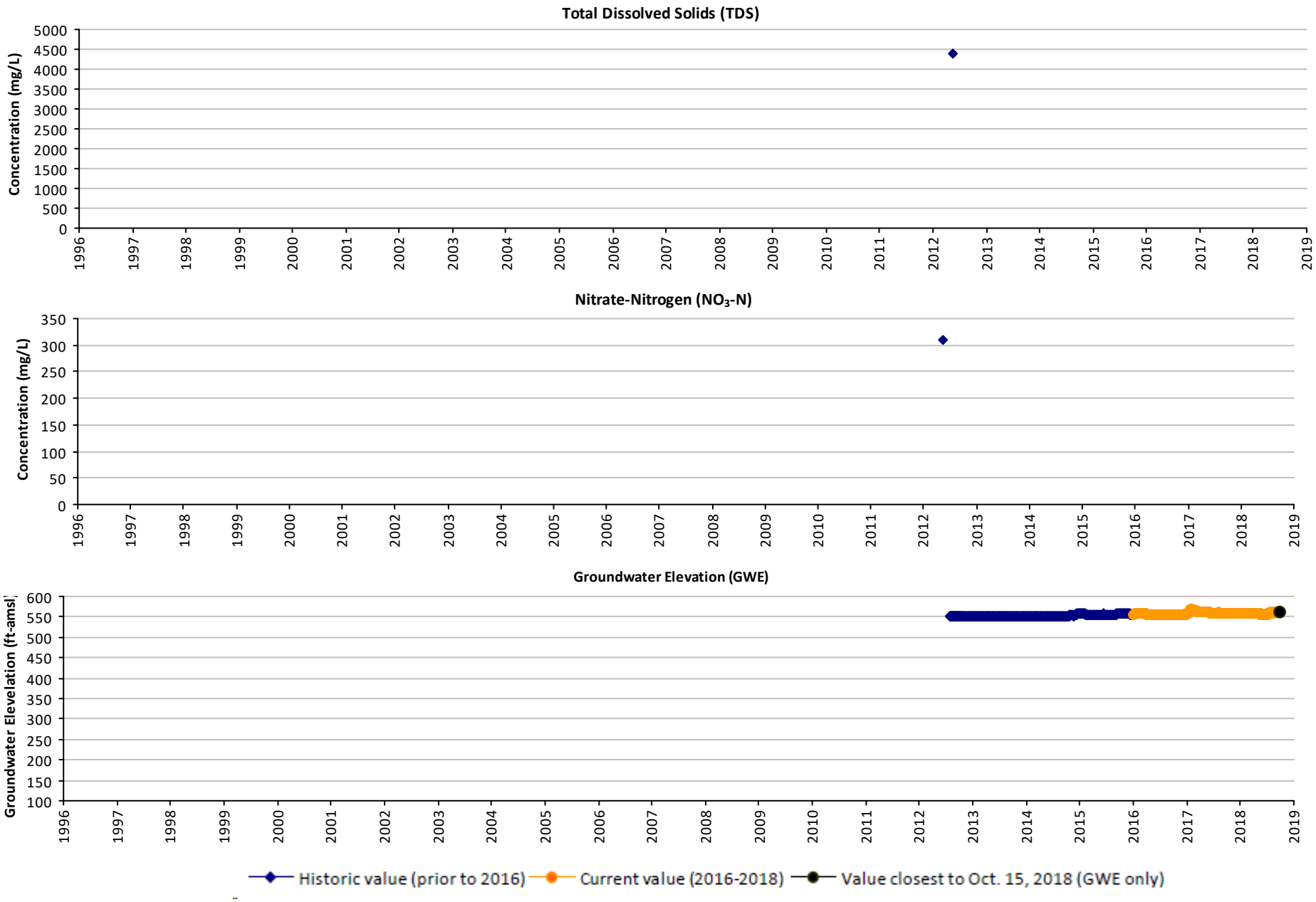

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

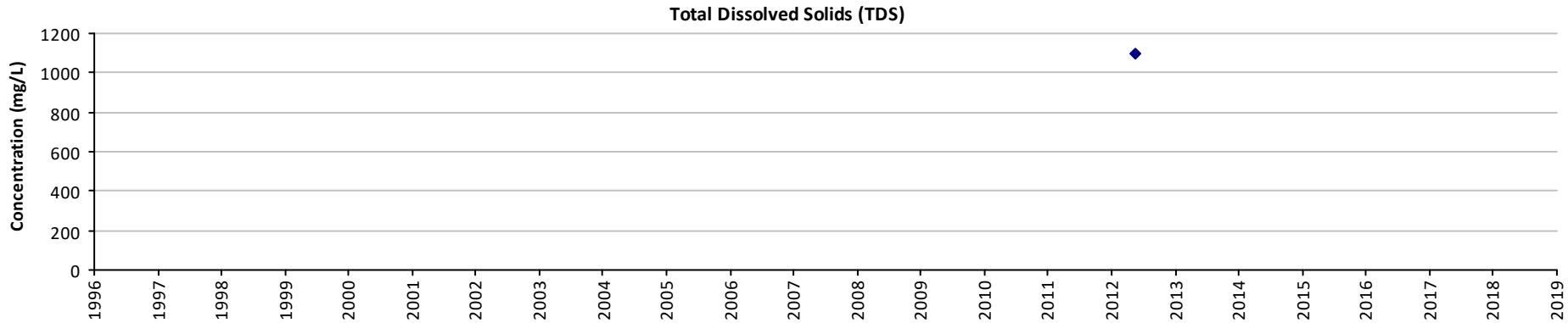

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

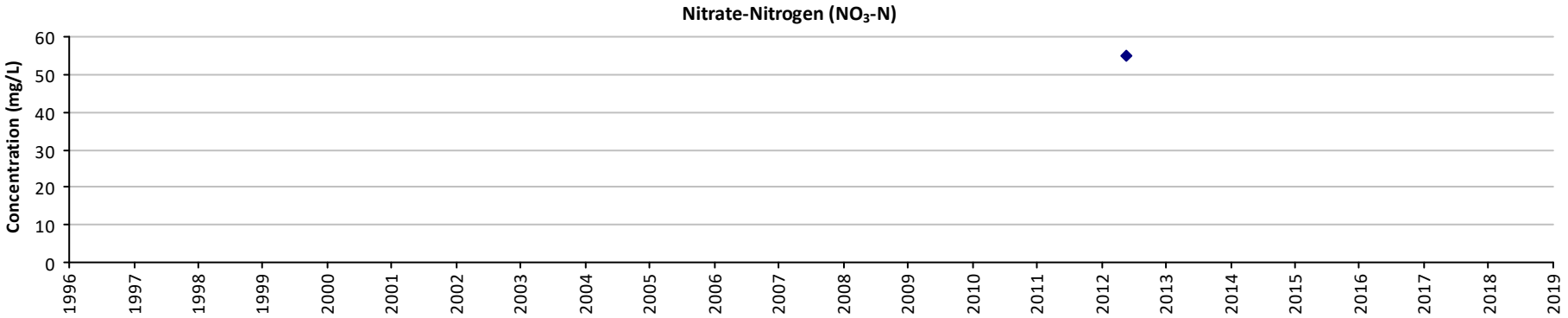

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

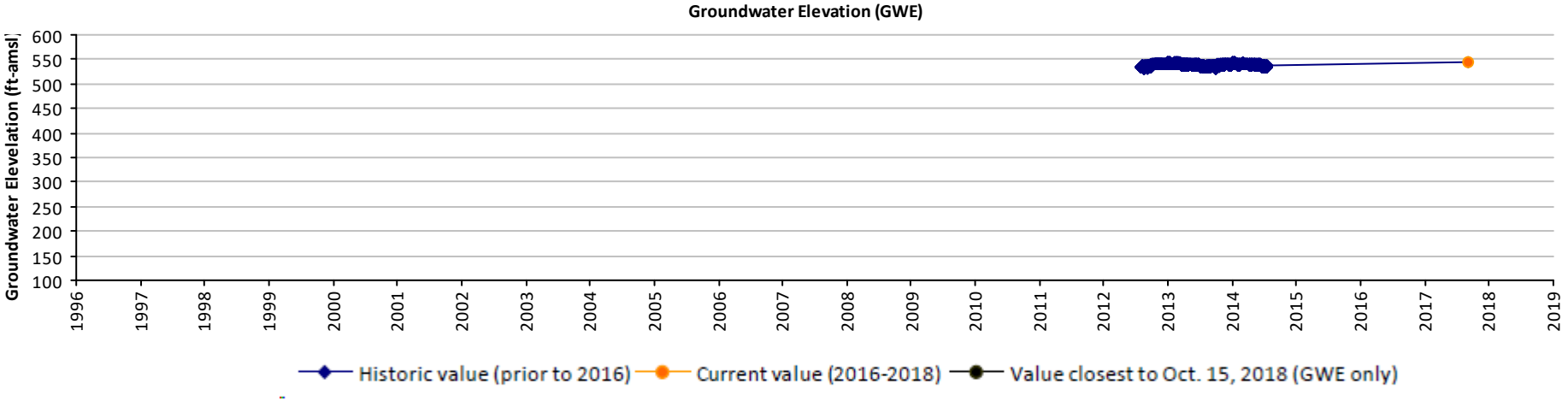
Total Dissolved Solids (TDS)

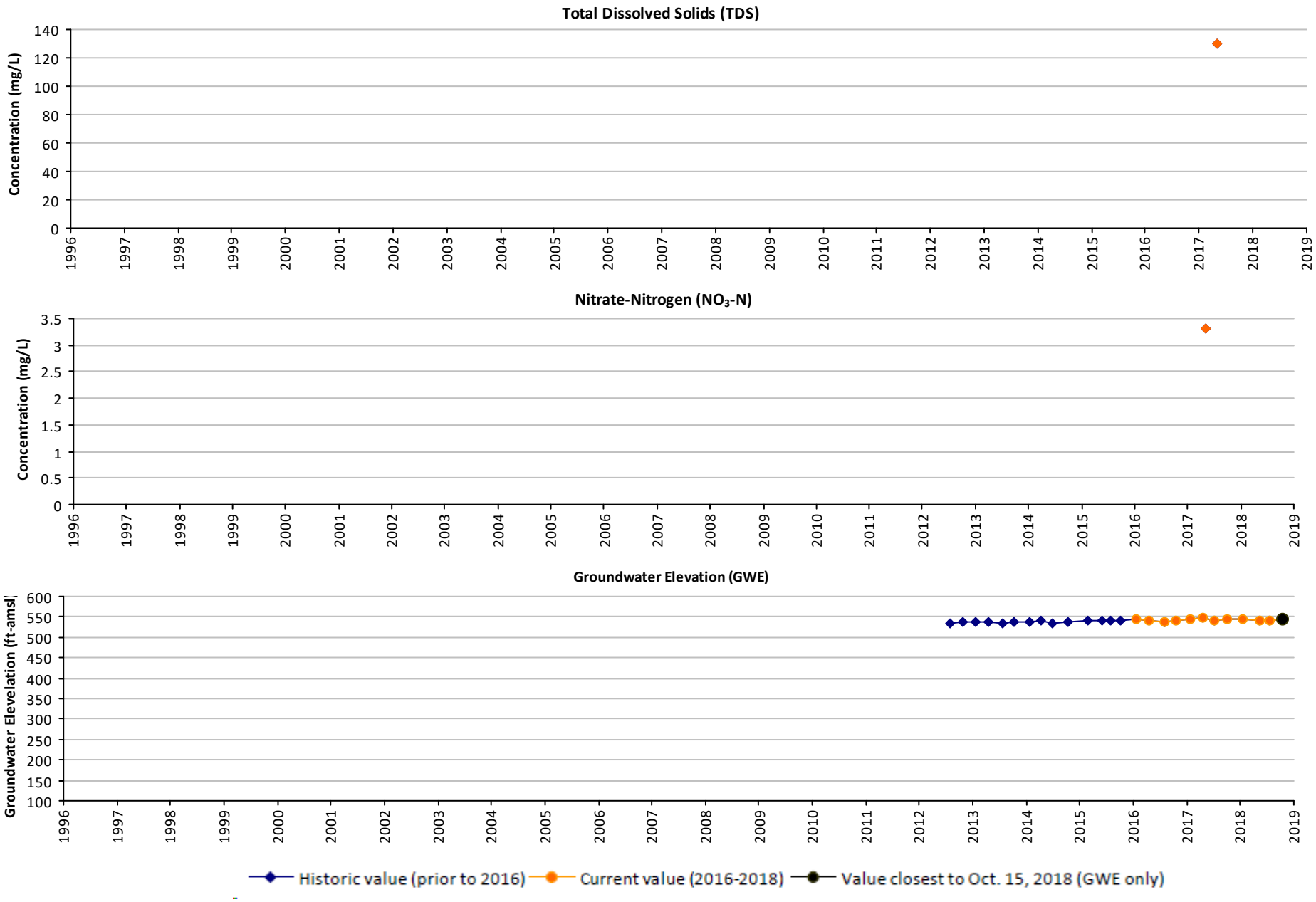


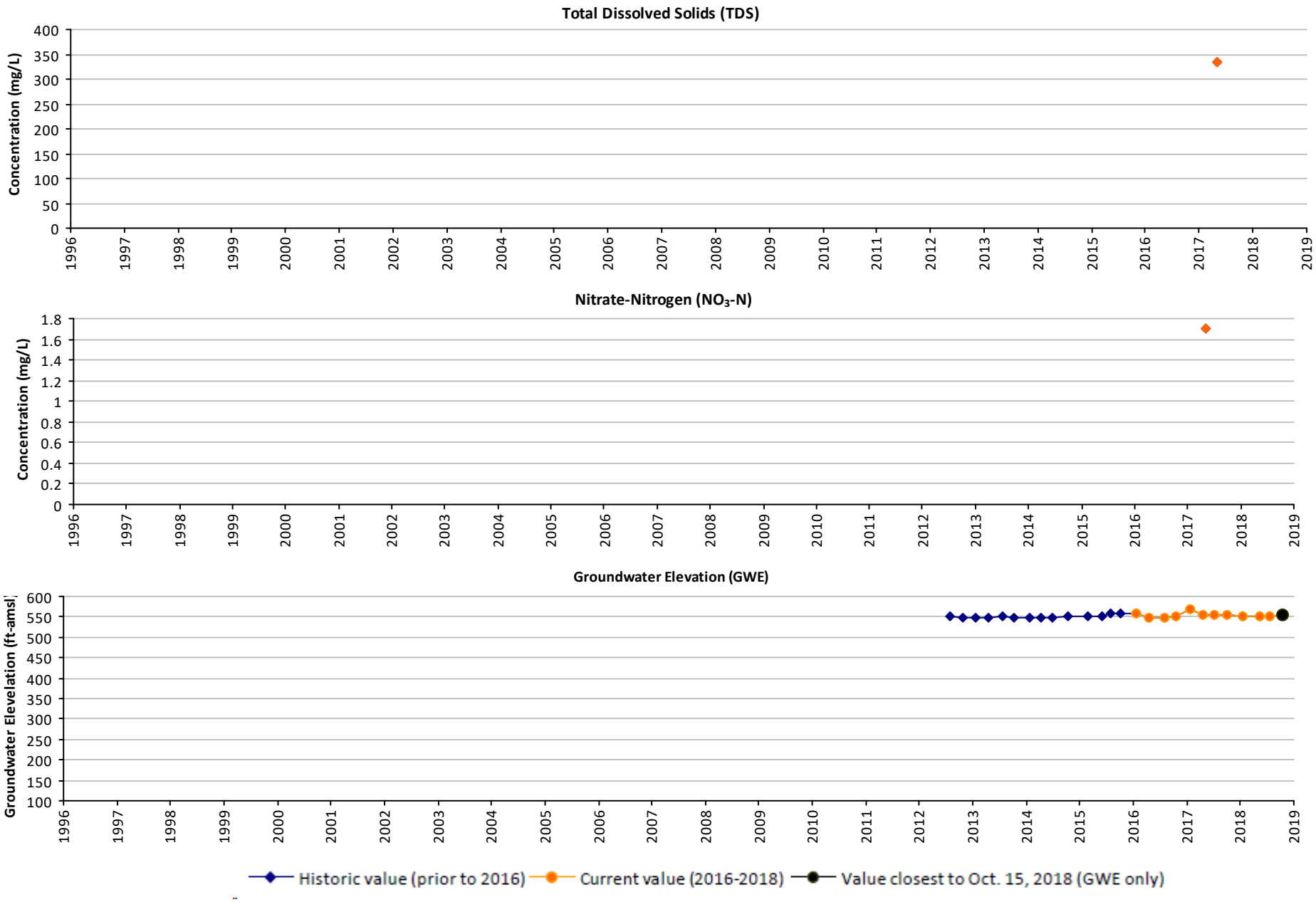

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

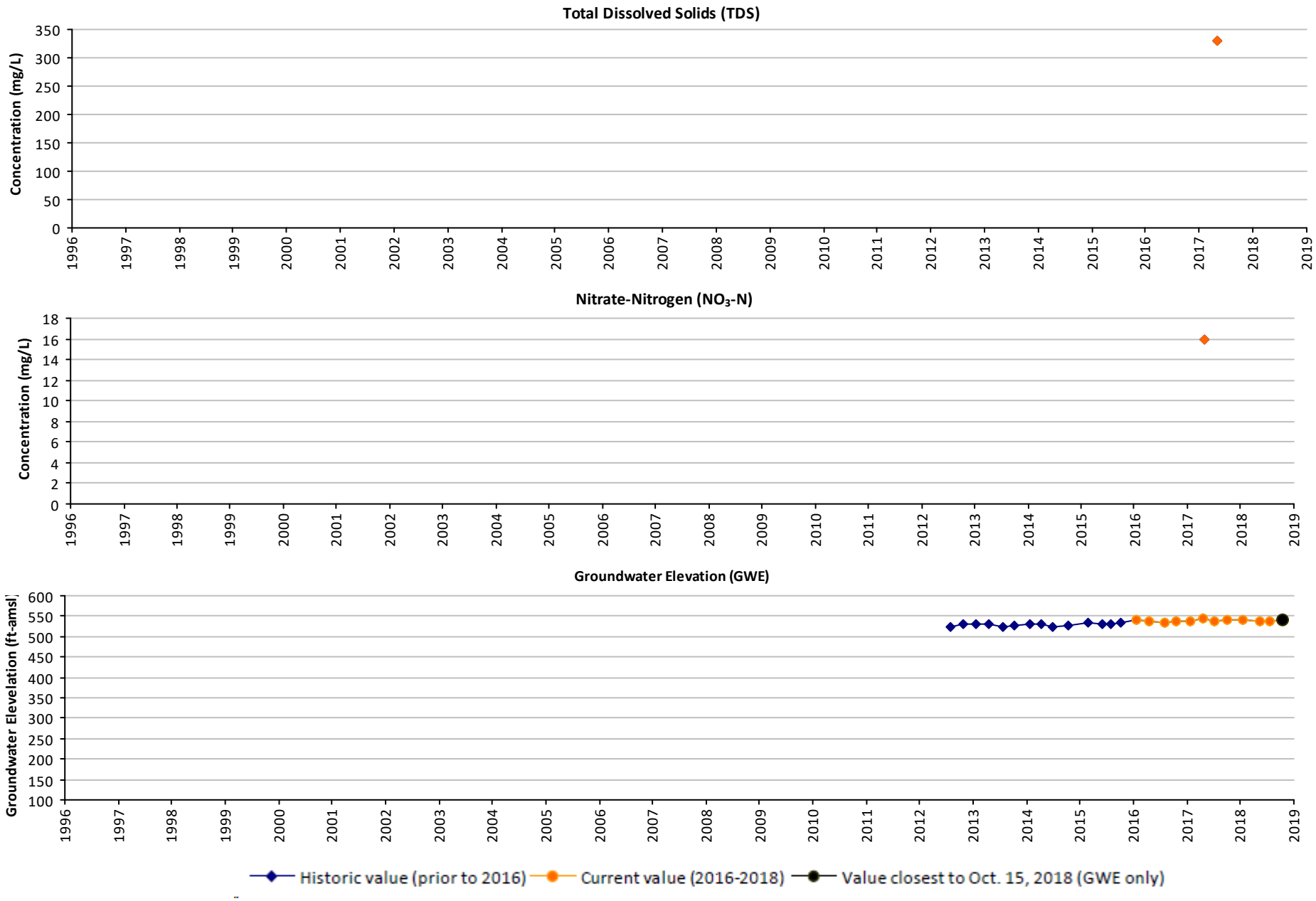

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

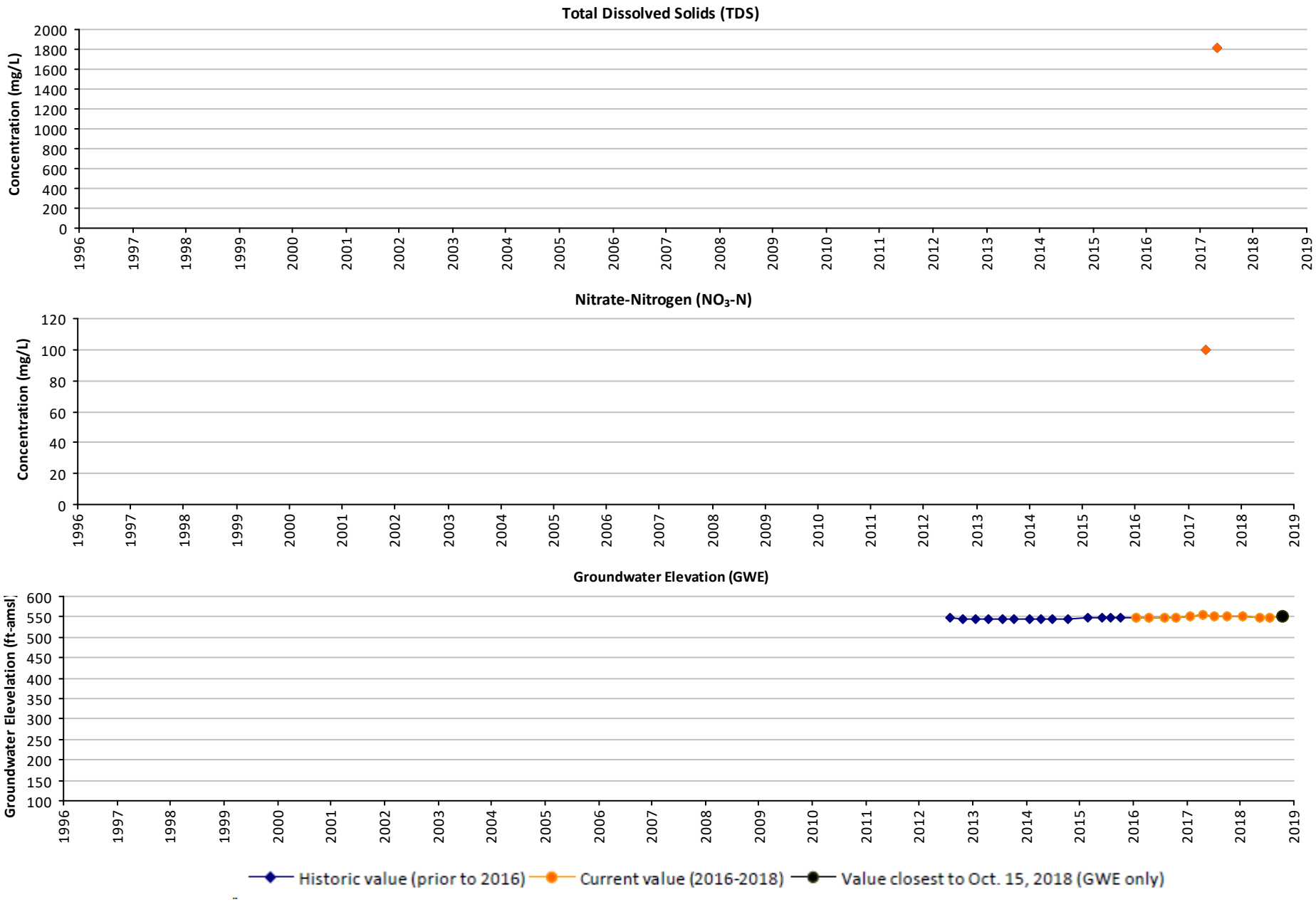

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

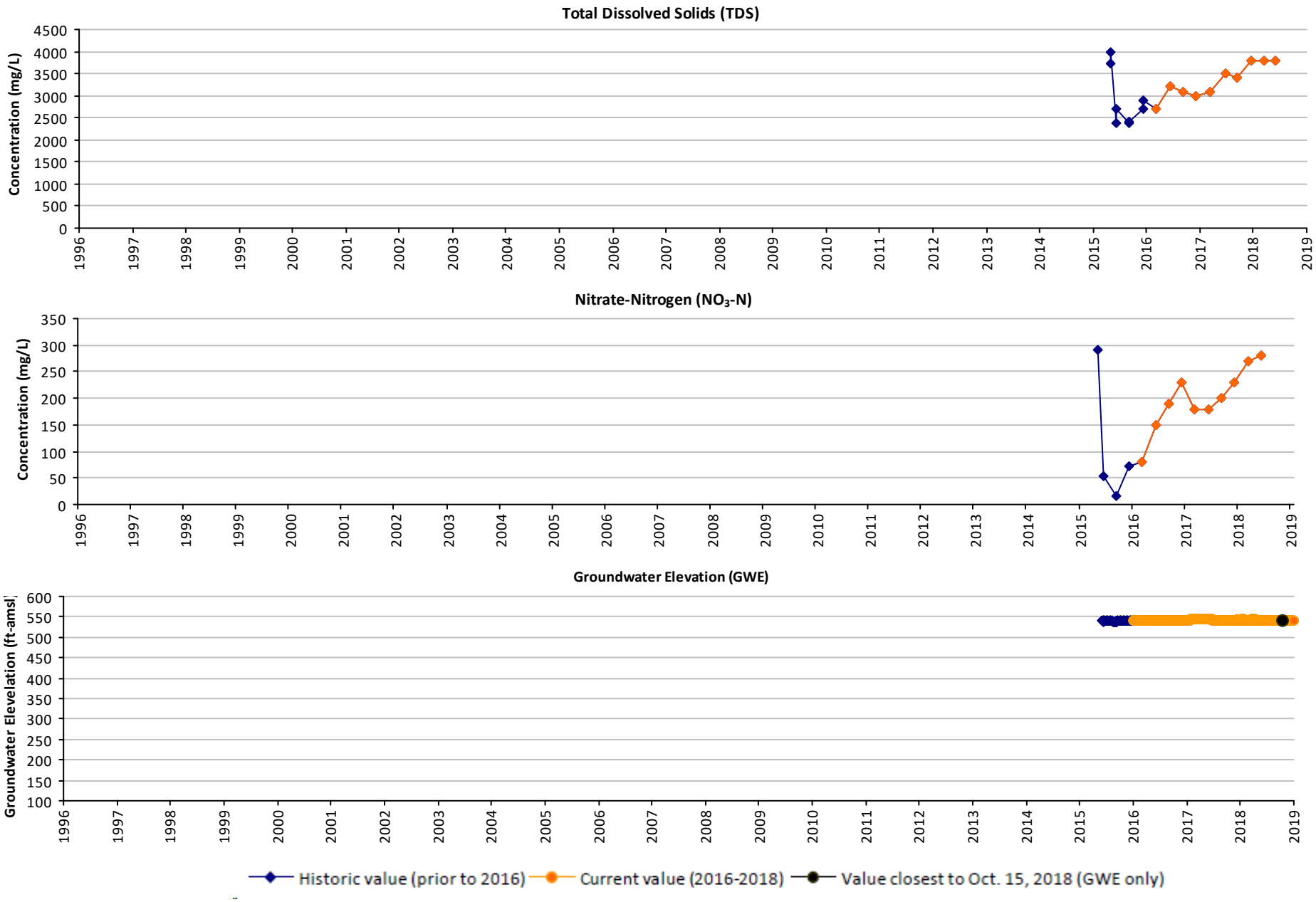

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

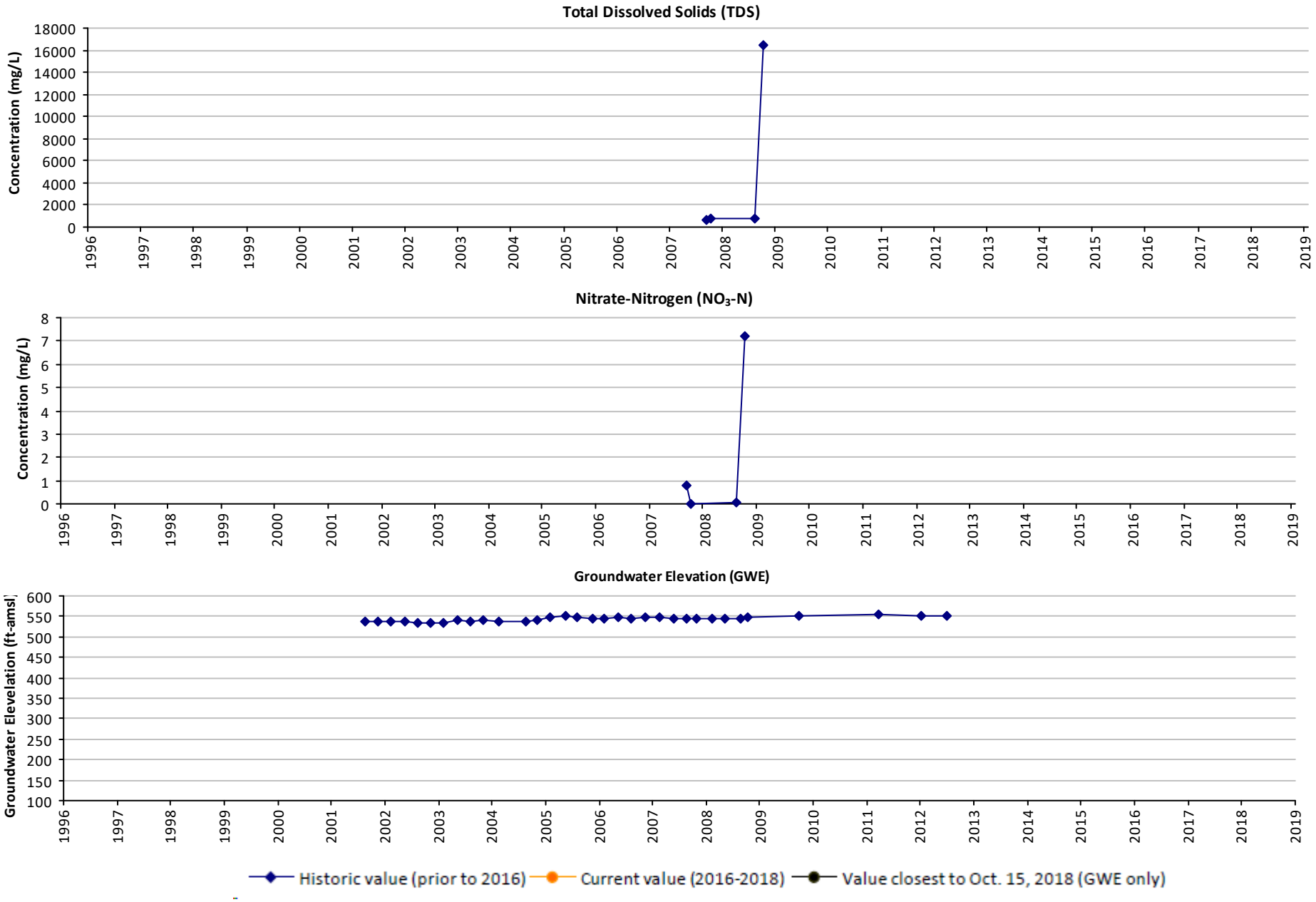

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

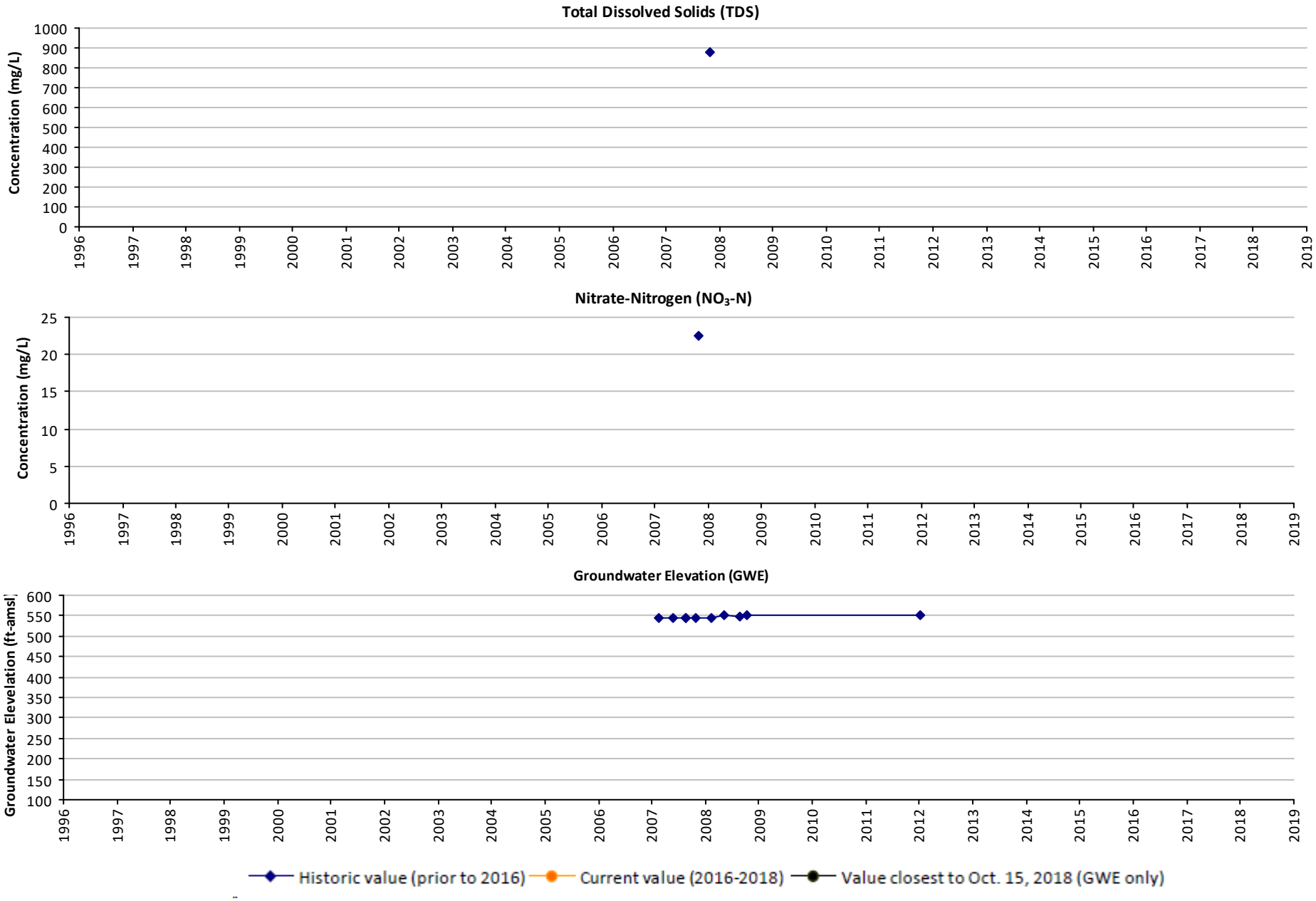

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

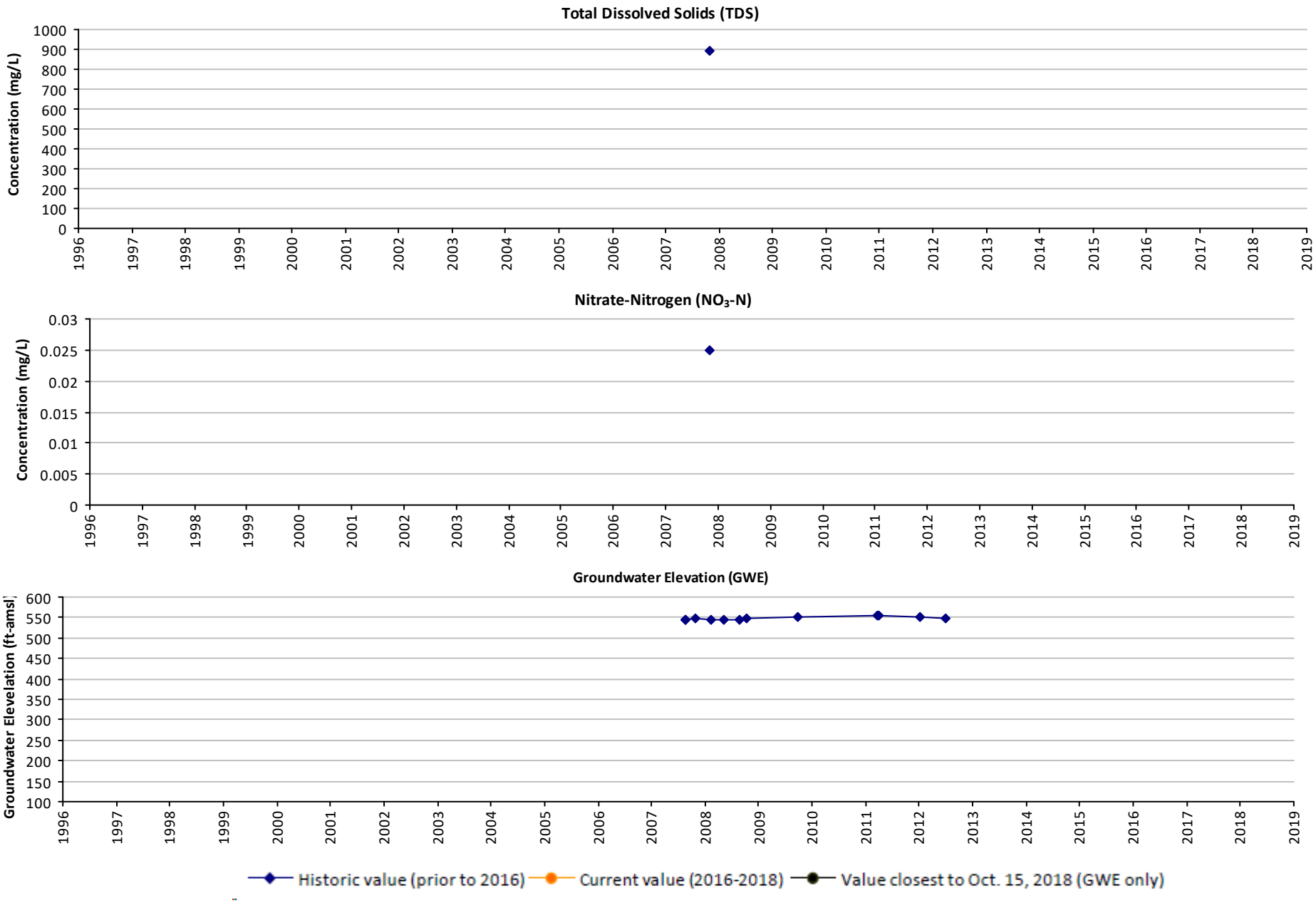

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

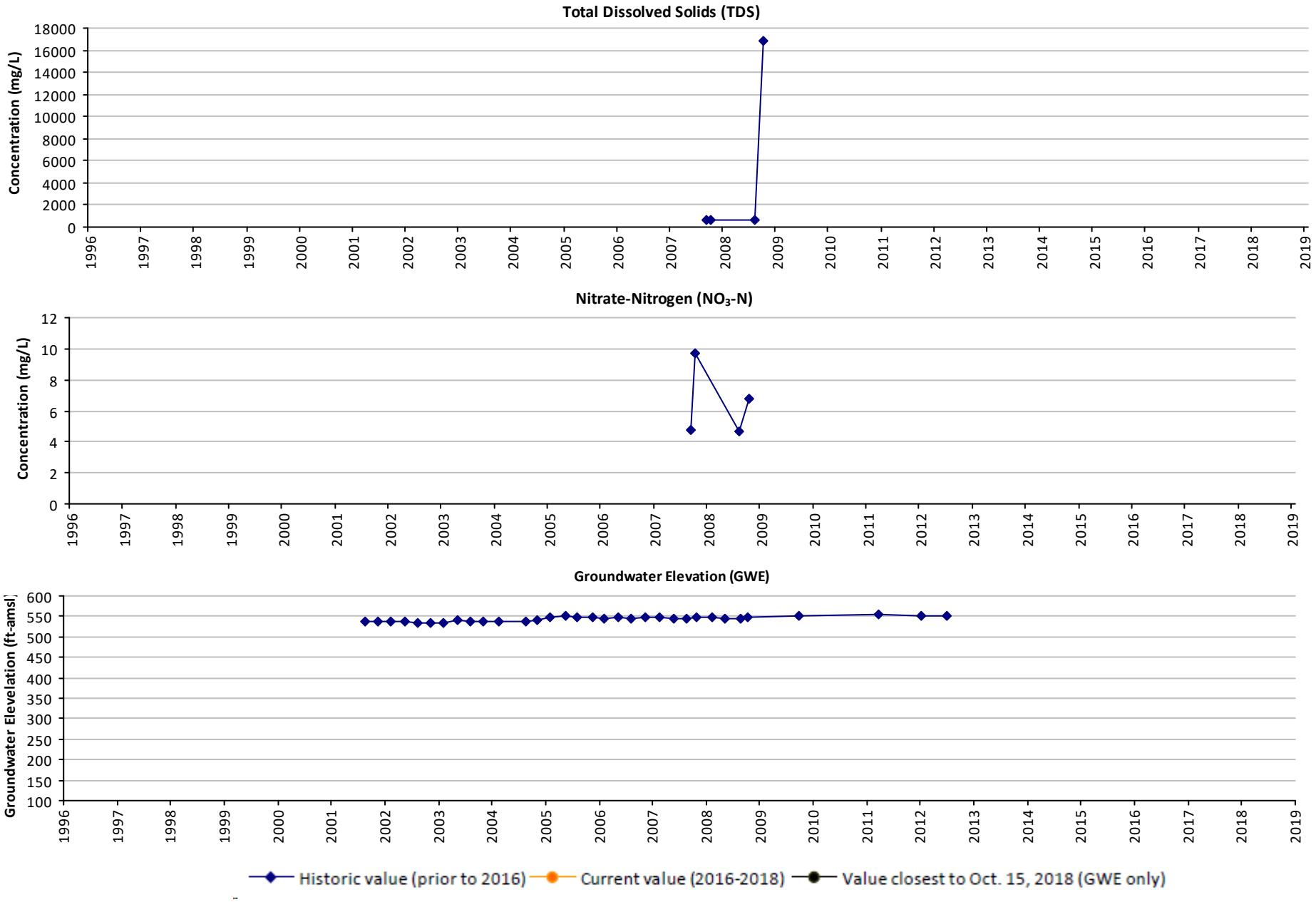

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
120
100
80
60
40
20
0
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

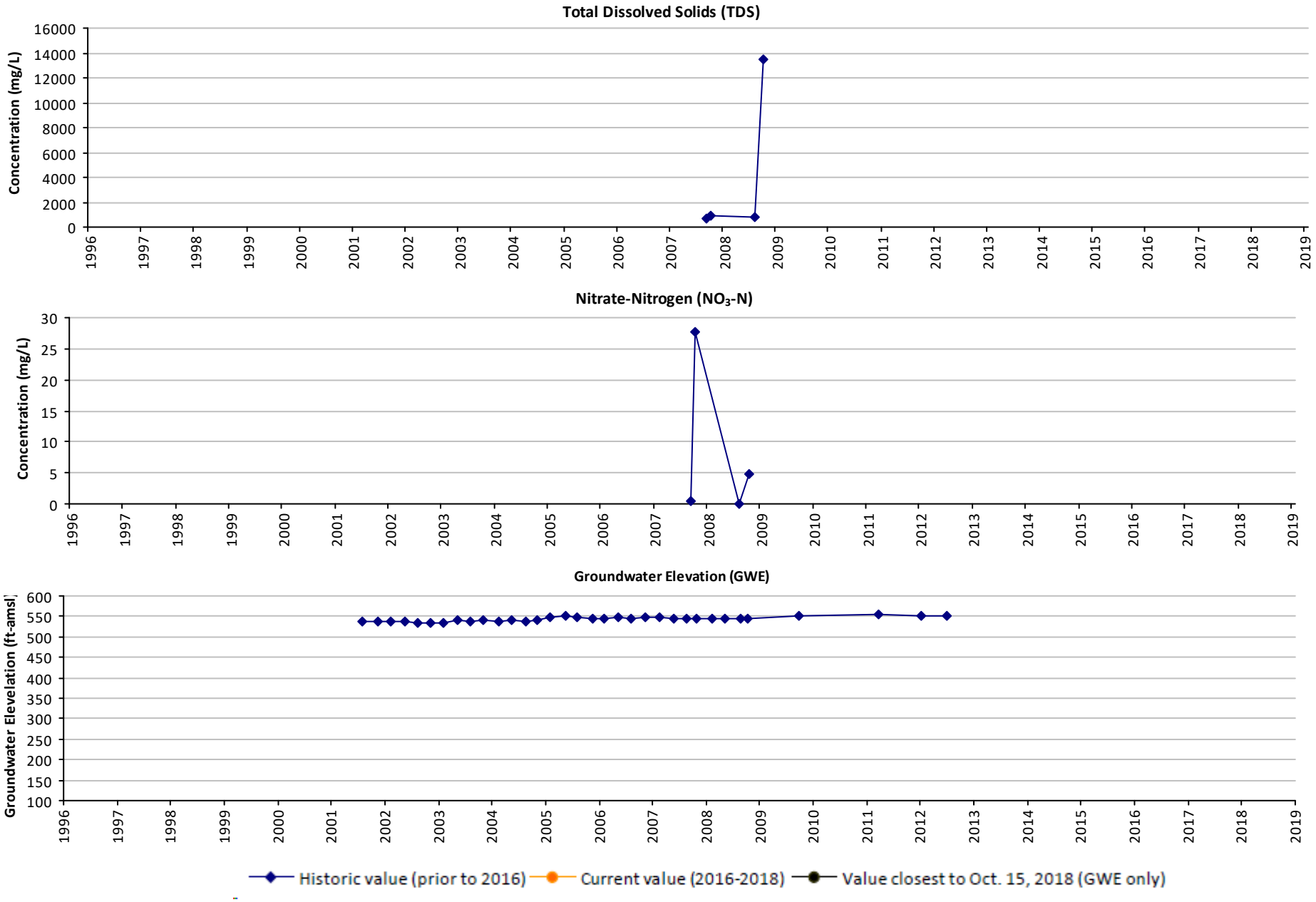

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

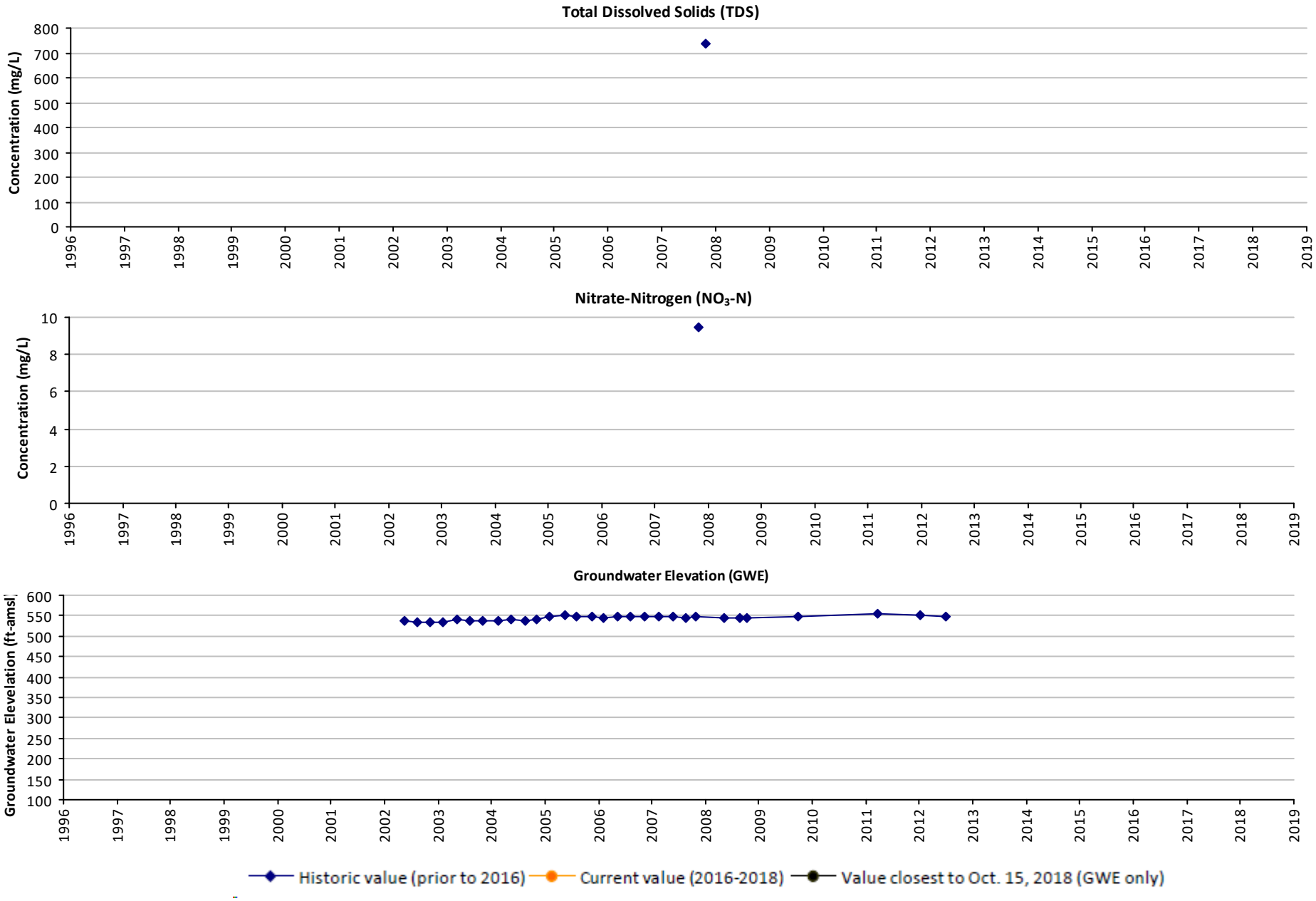

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

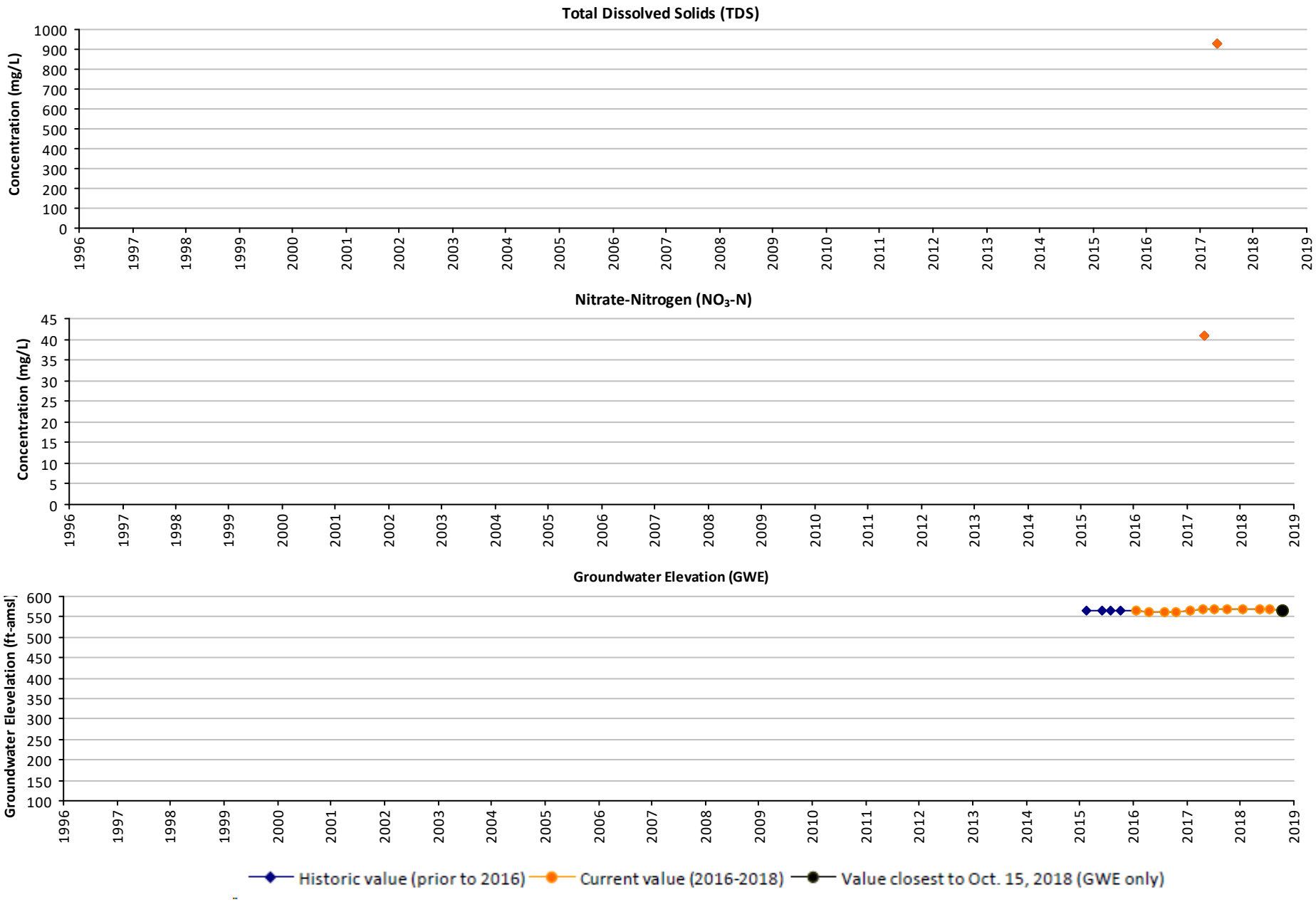

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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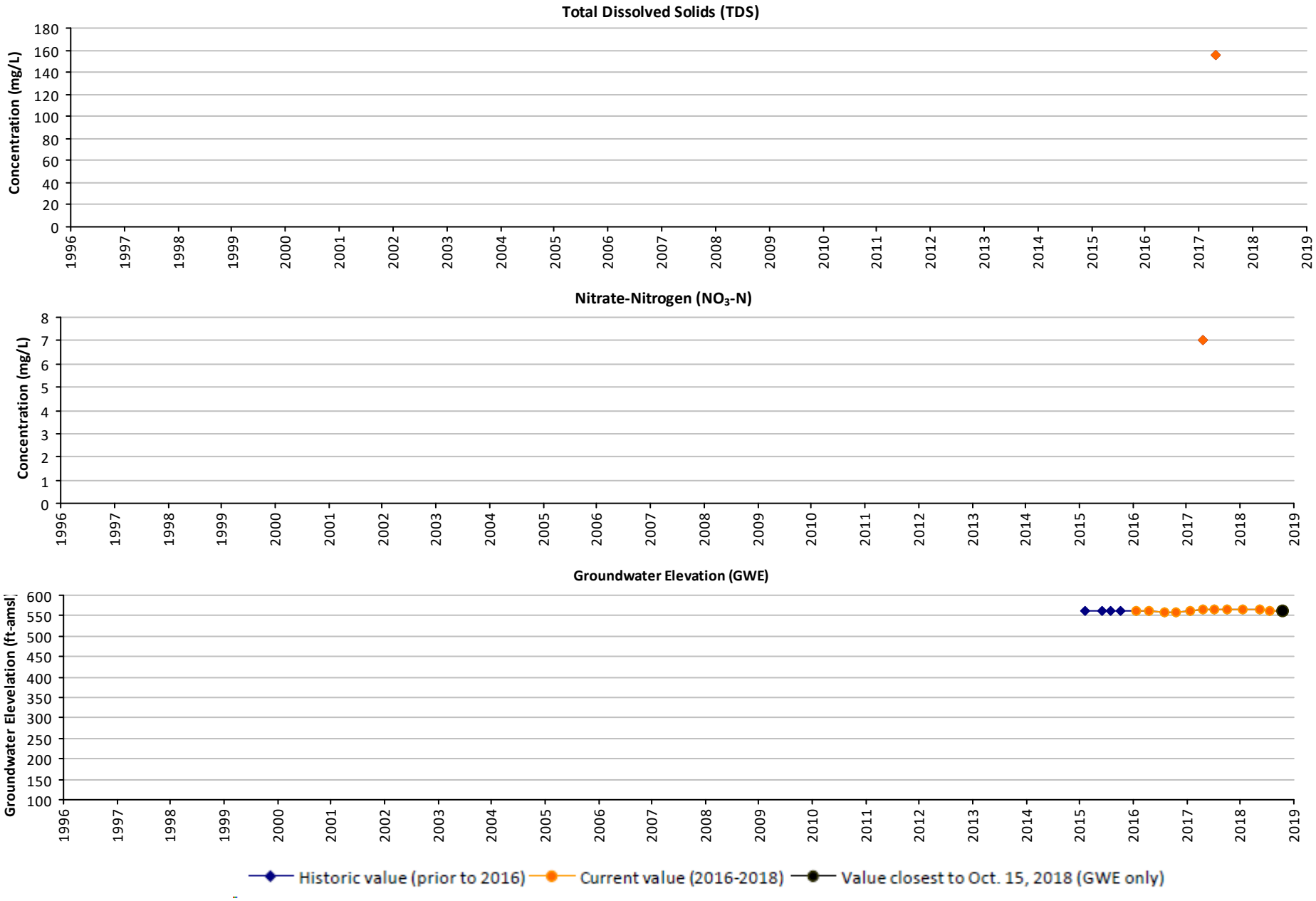
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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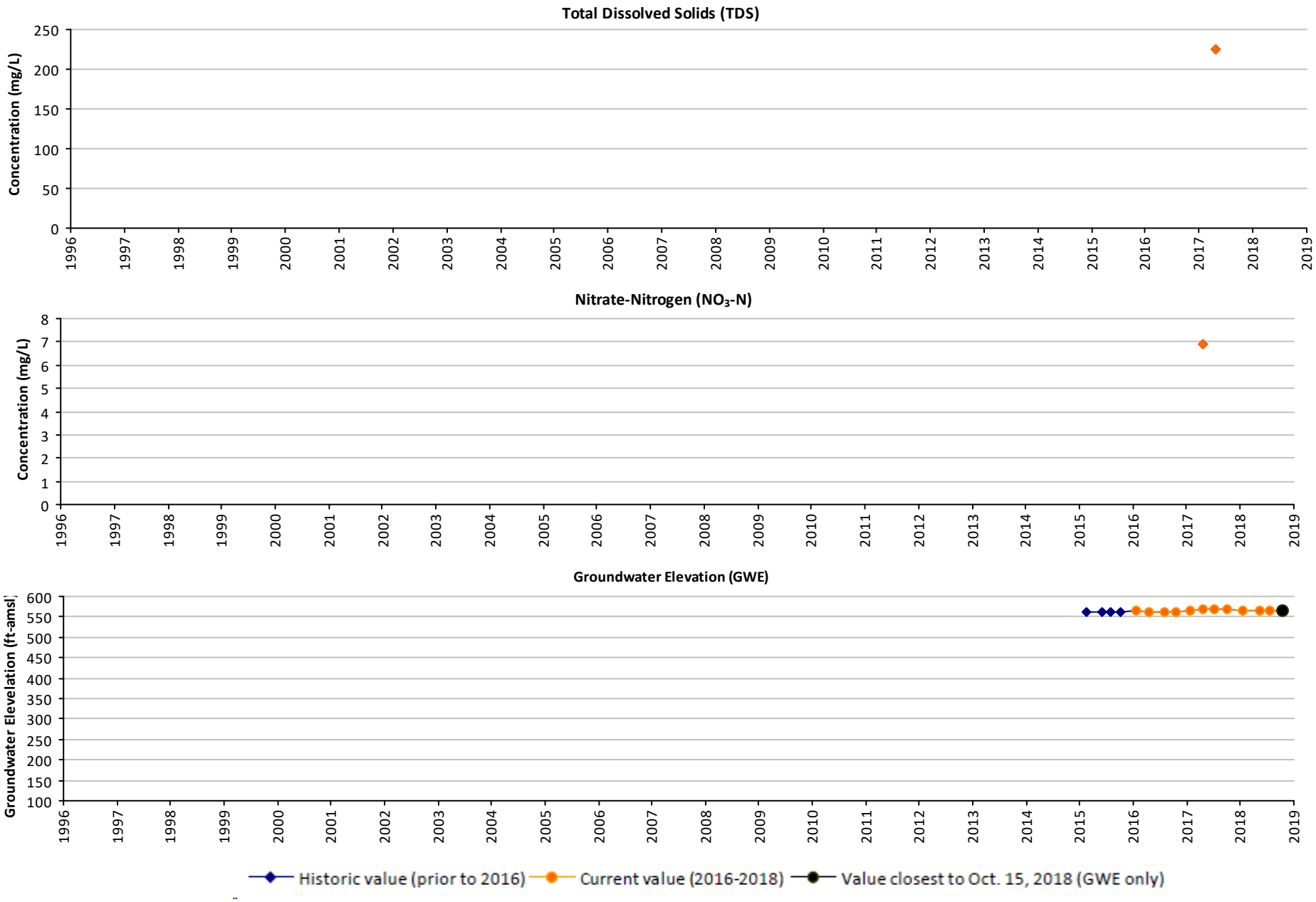
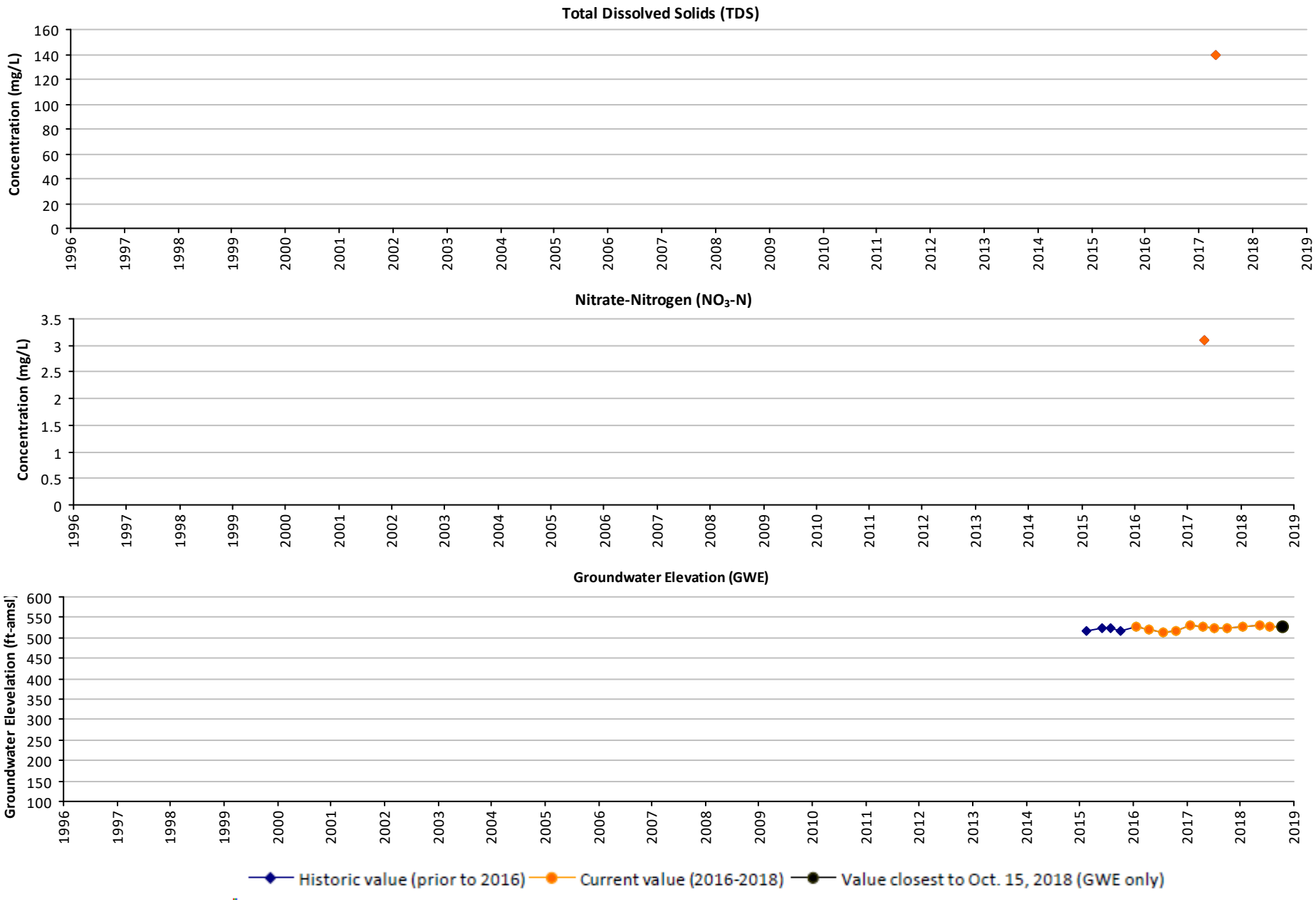
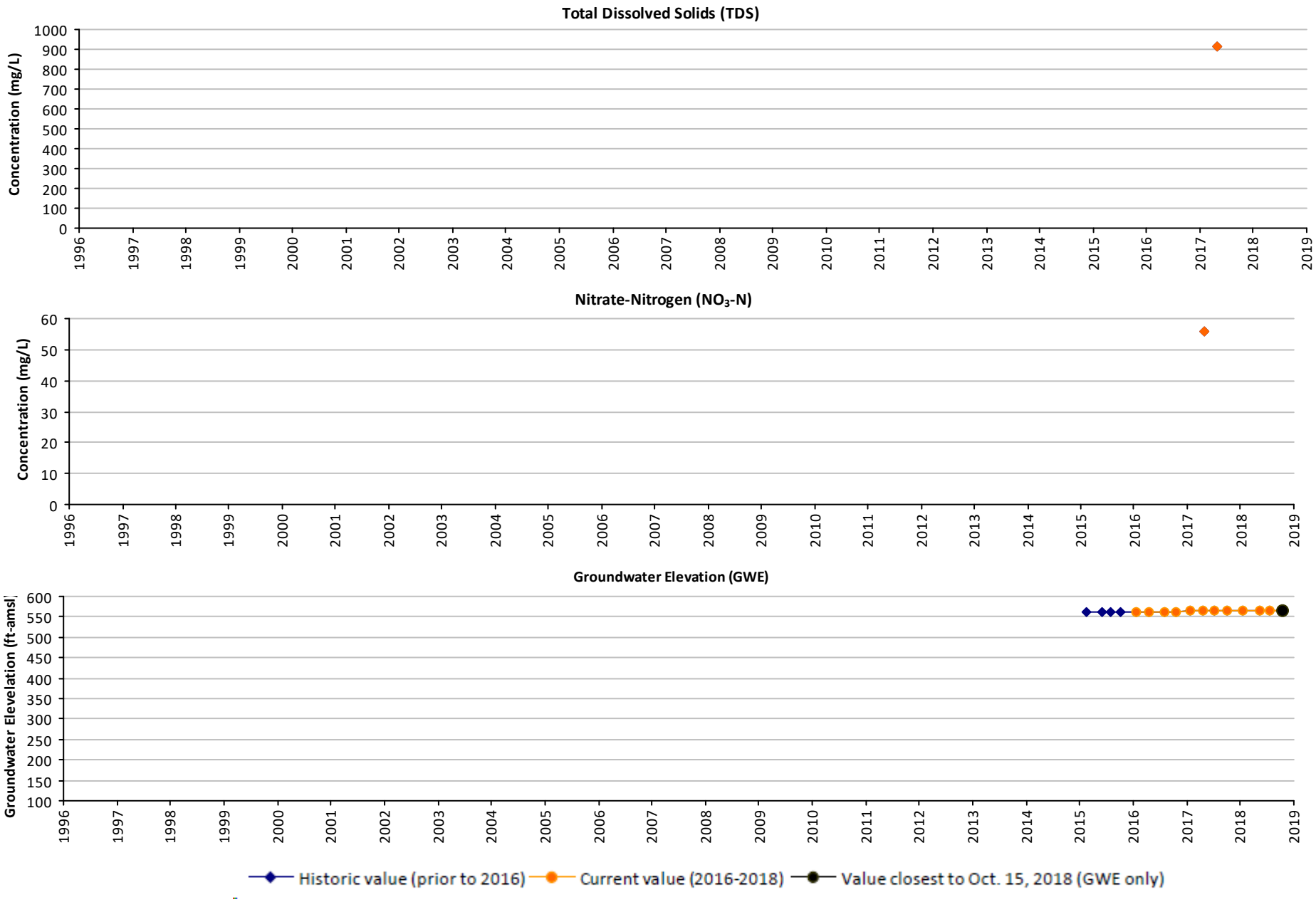
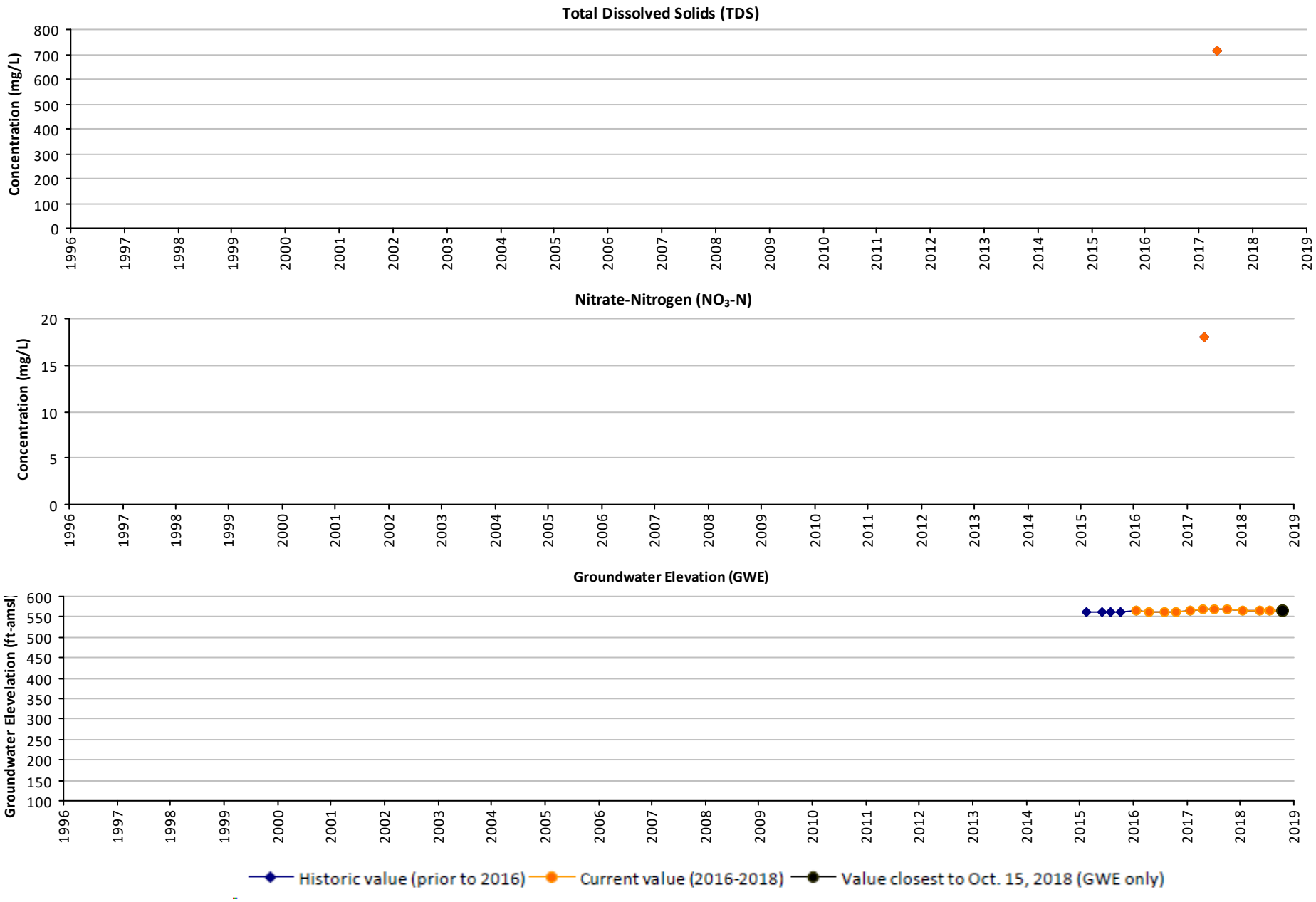
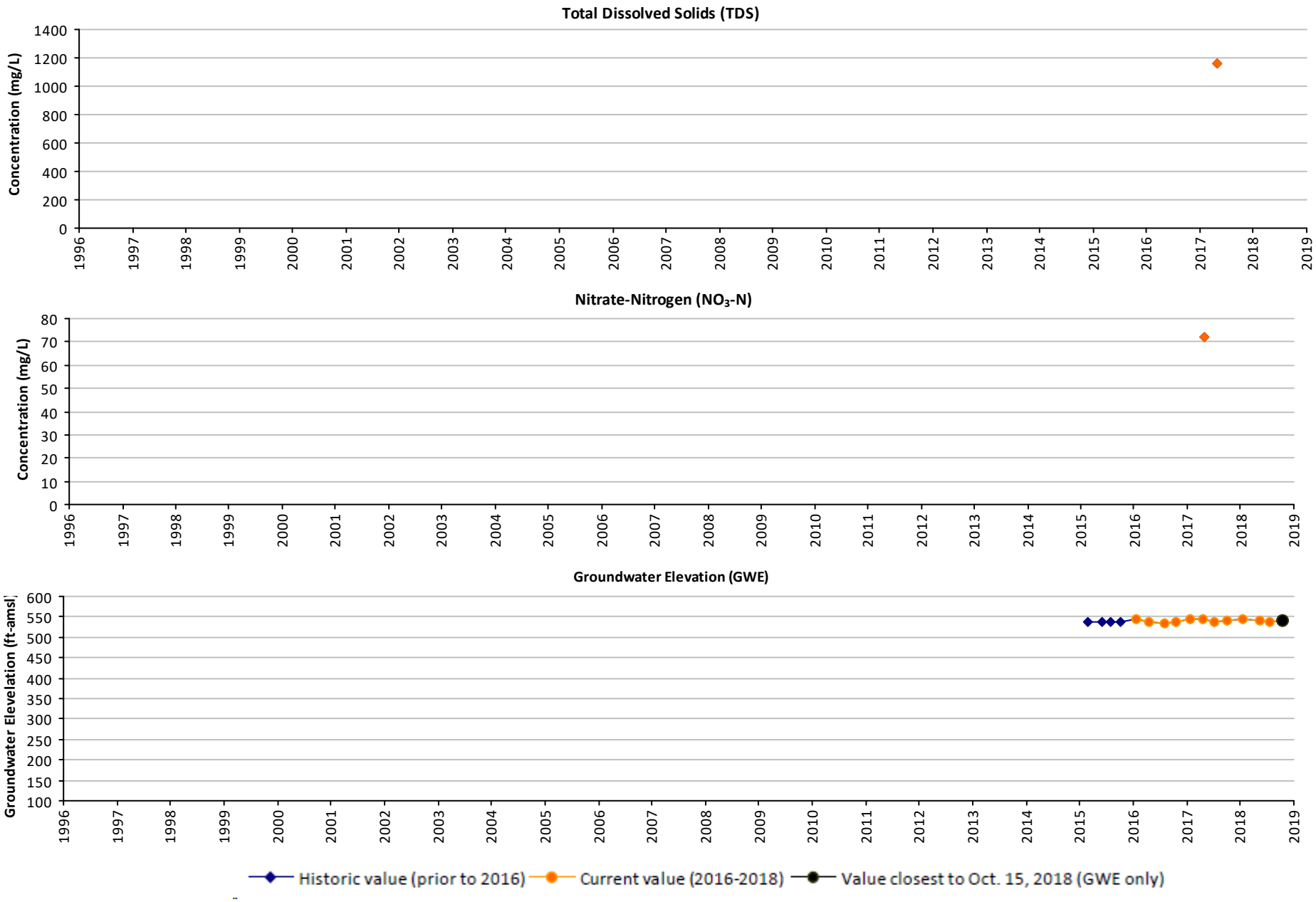

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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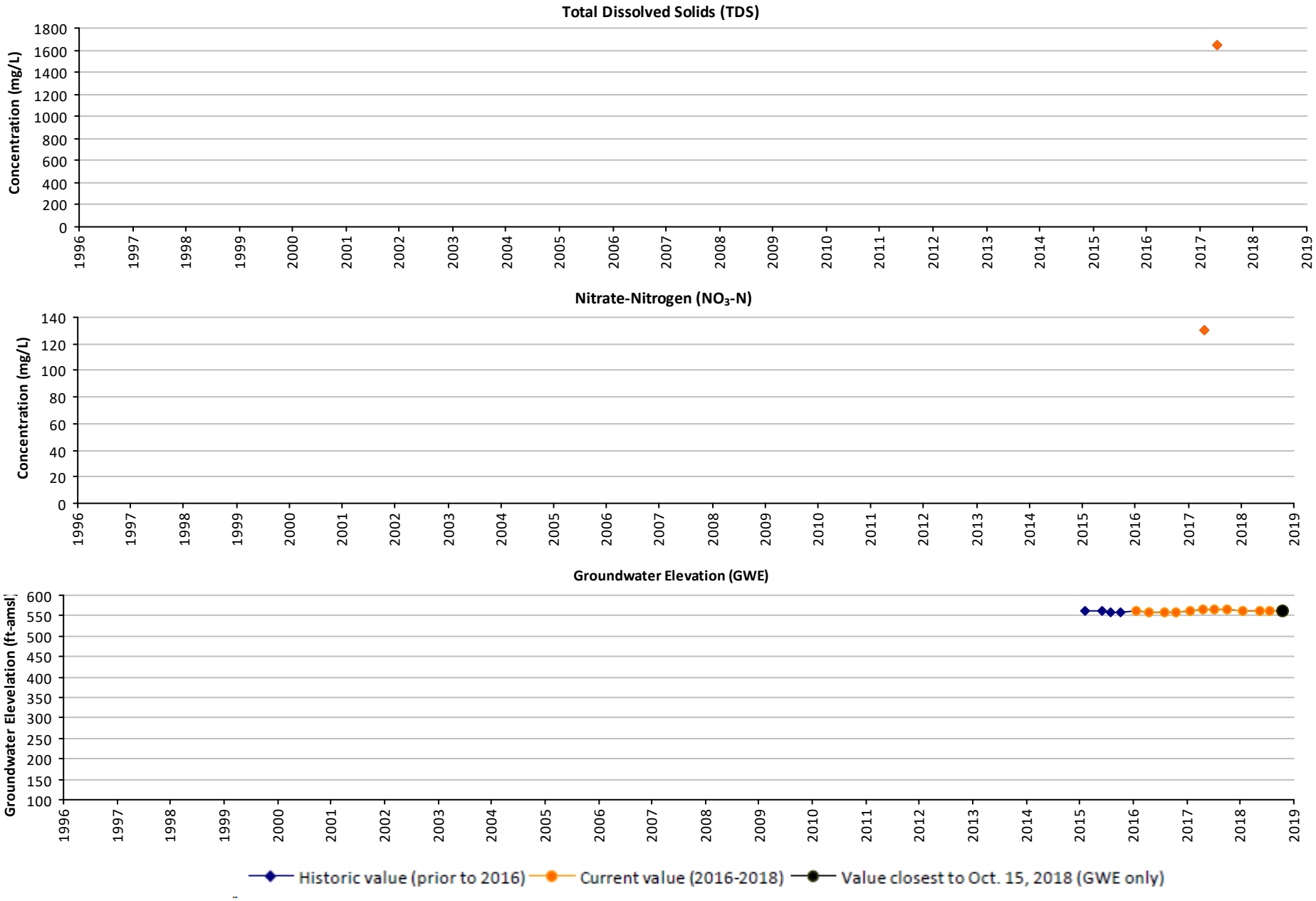
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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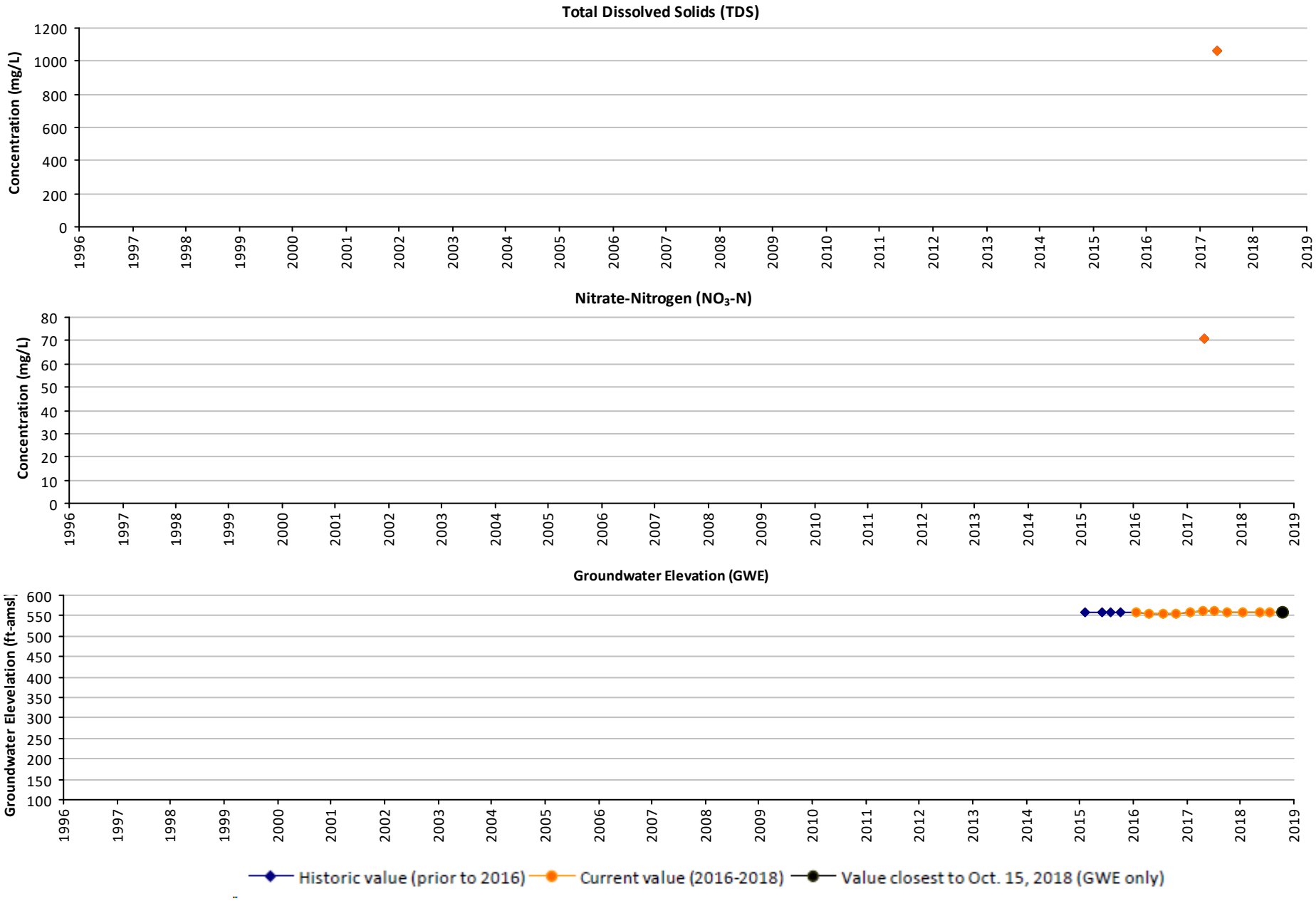
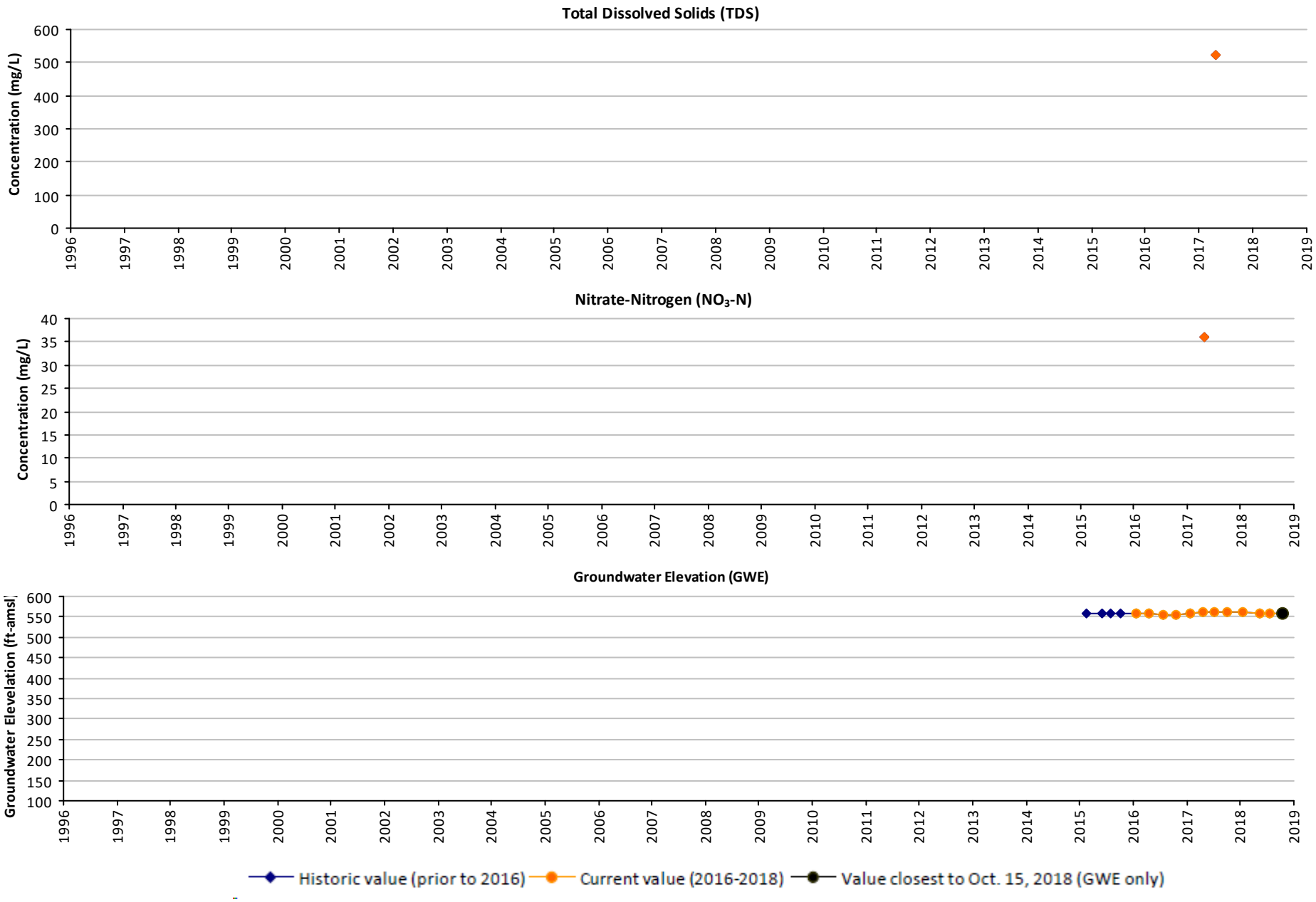
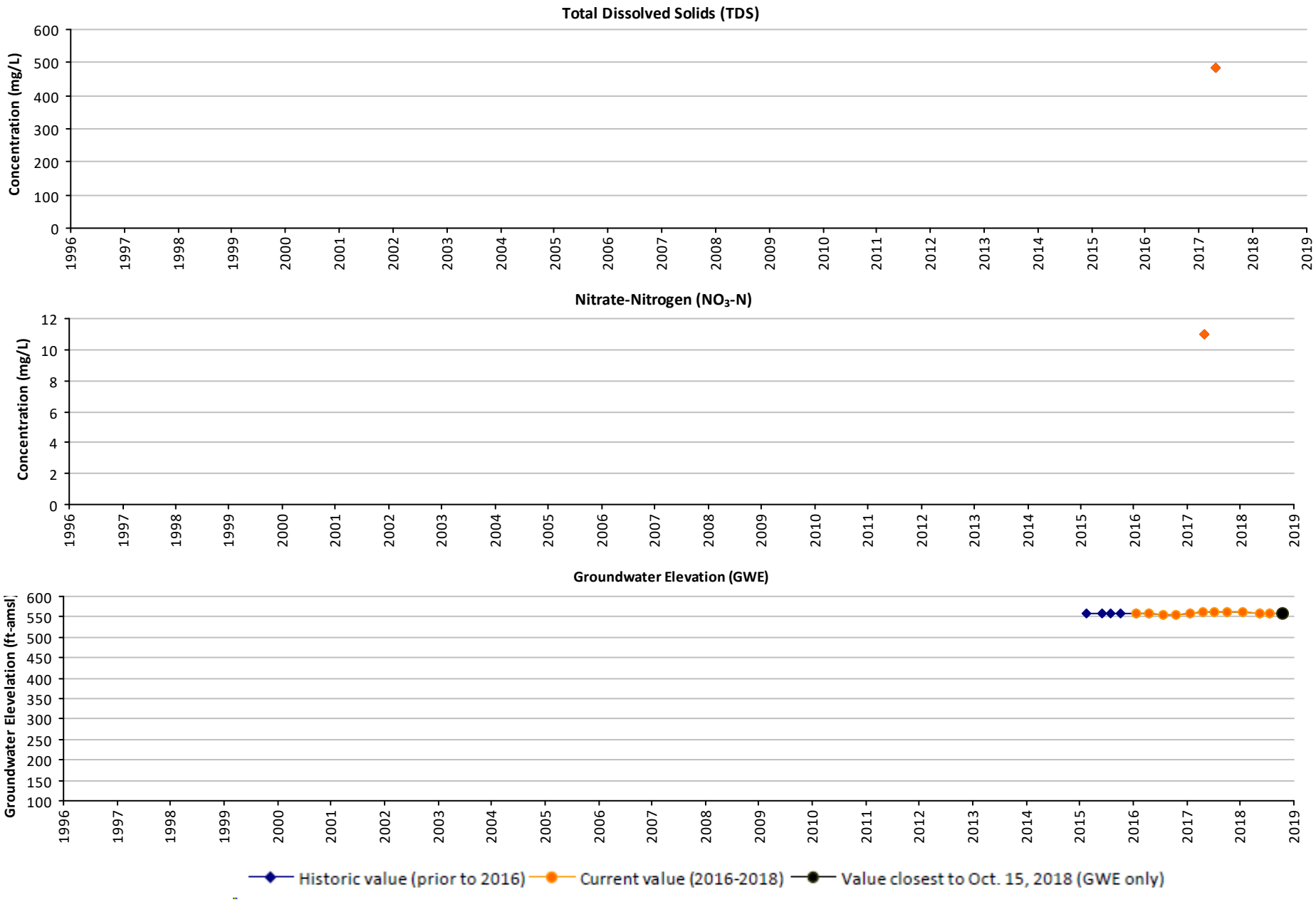
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
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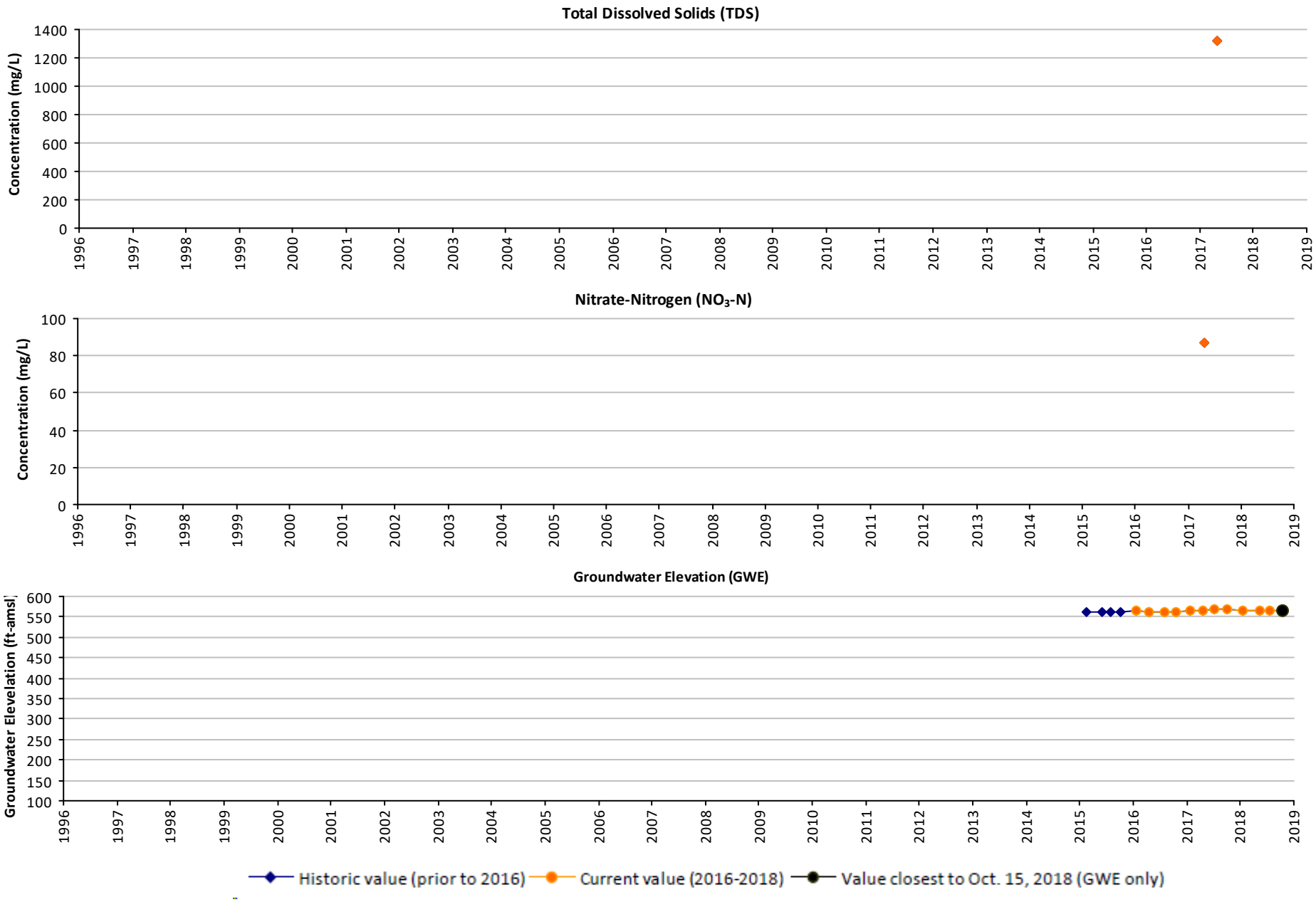
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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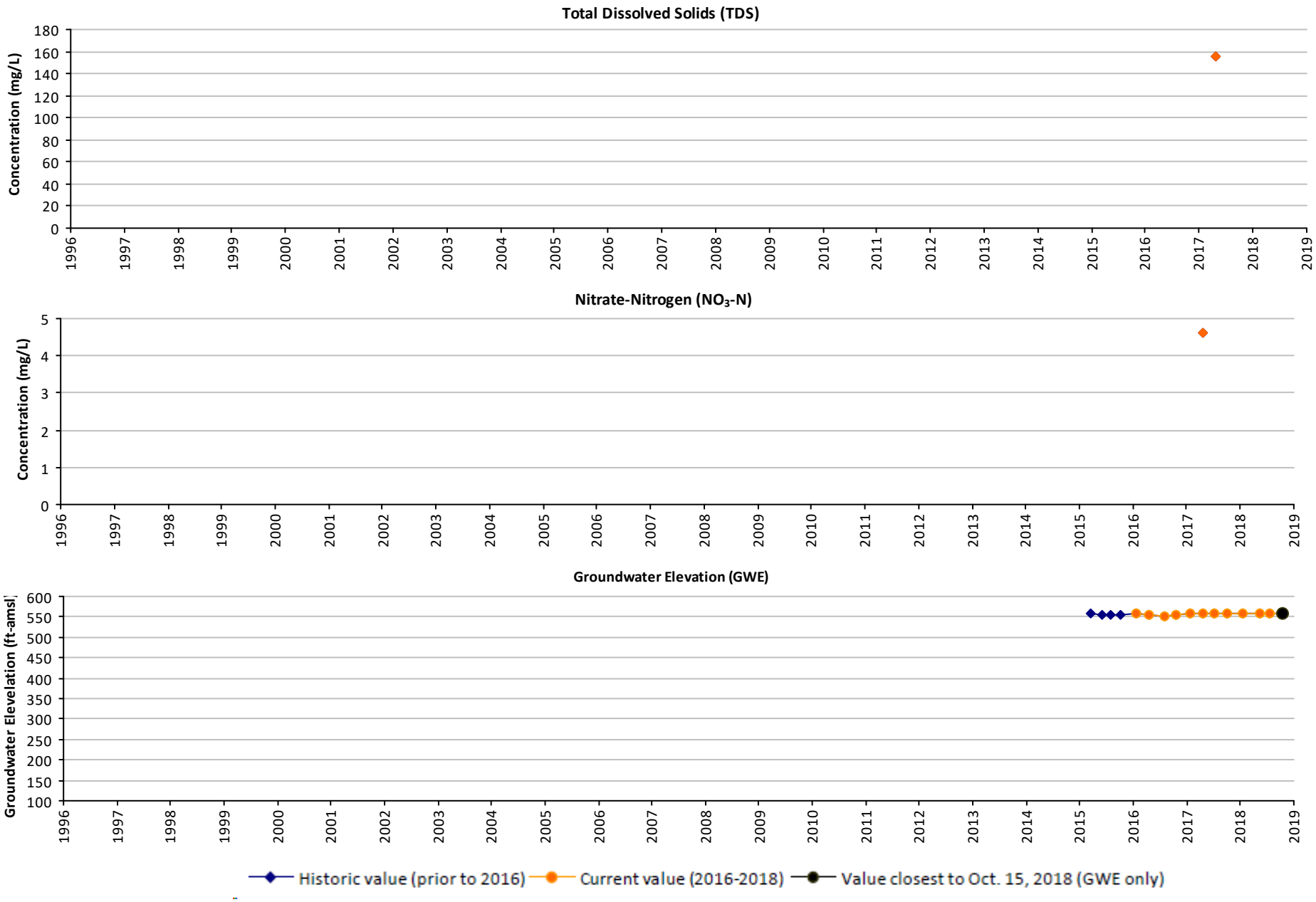
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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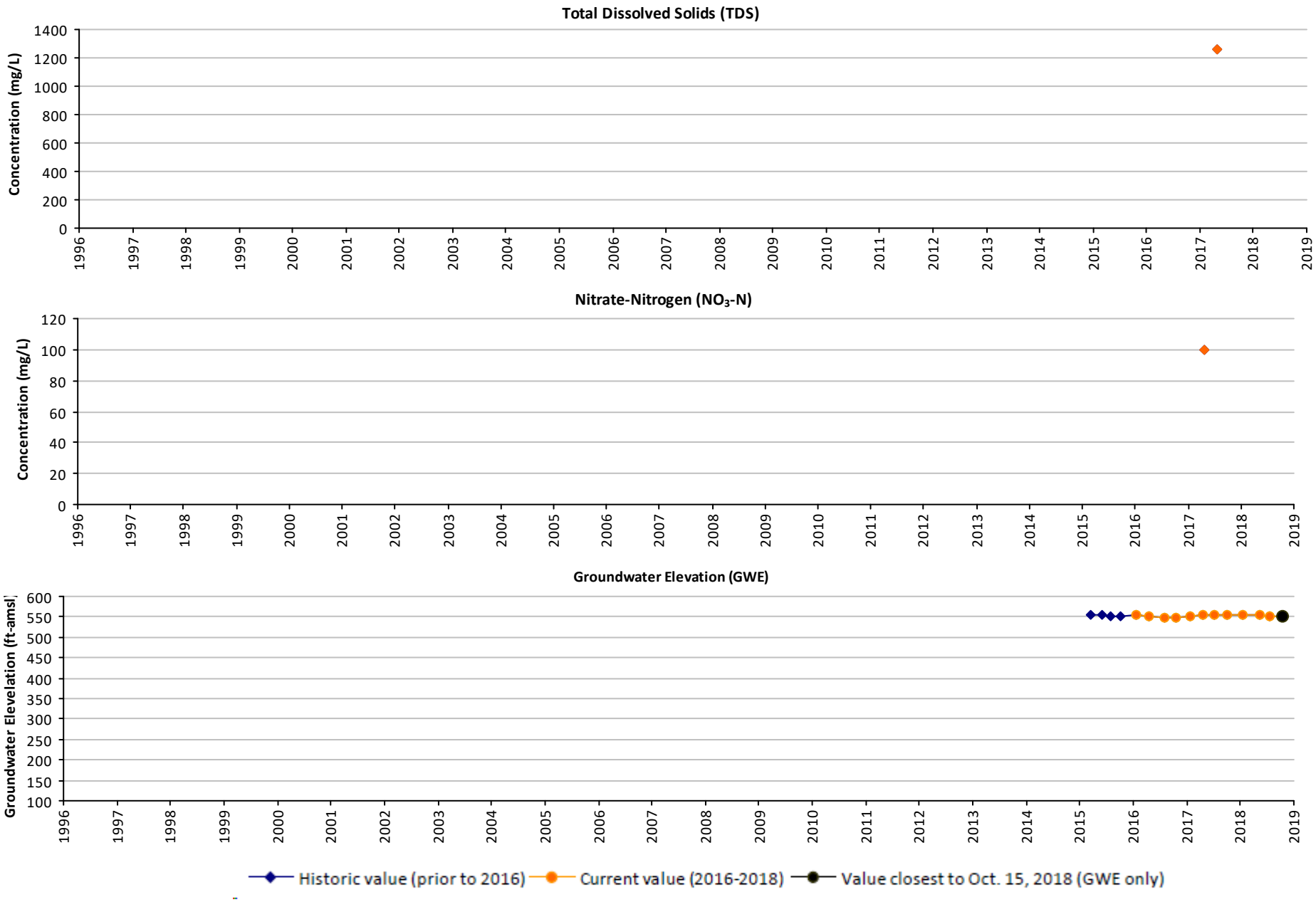
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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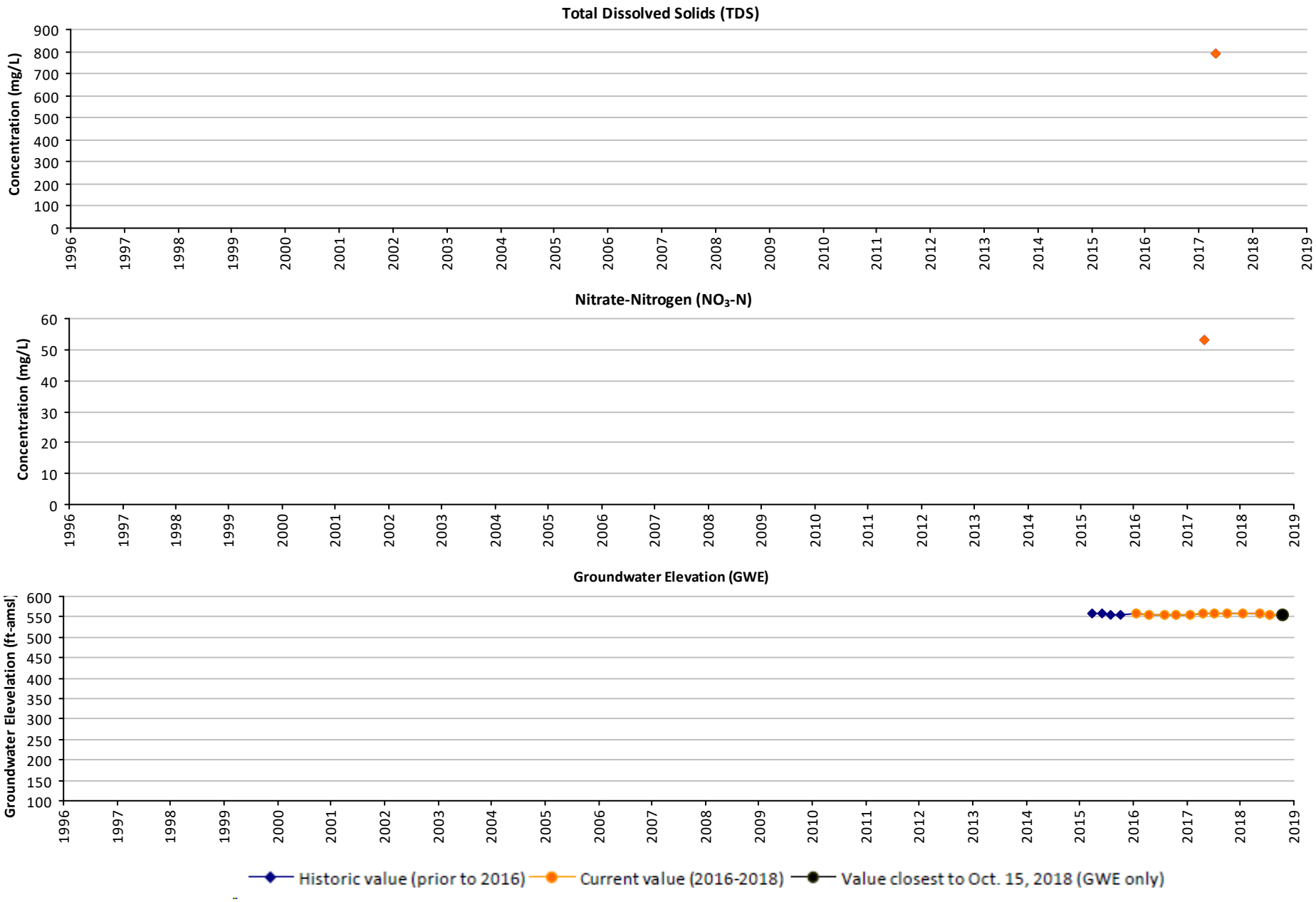
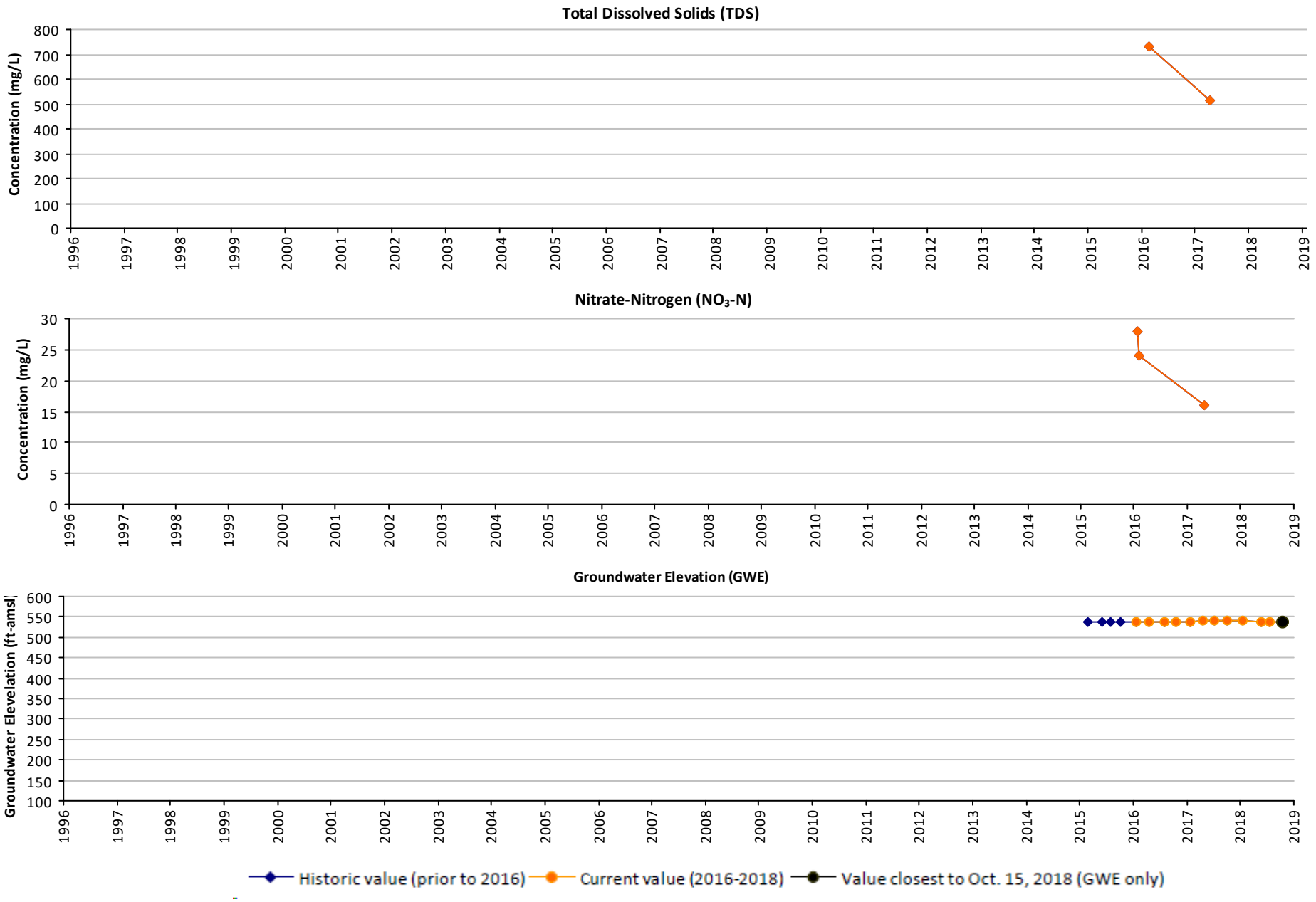
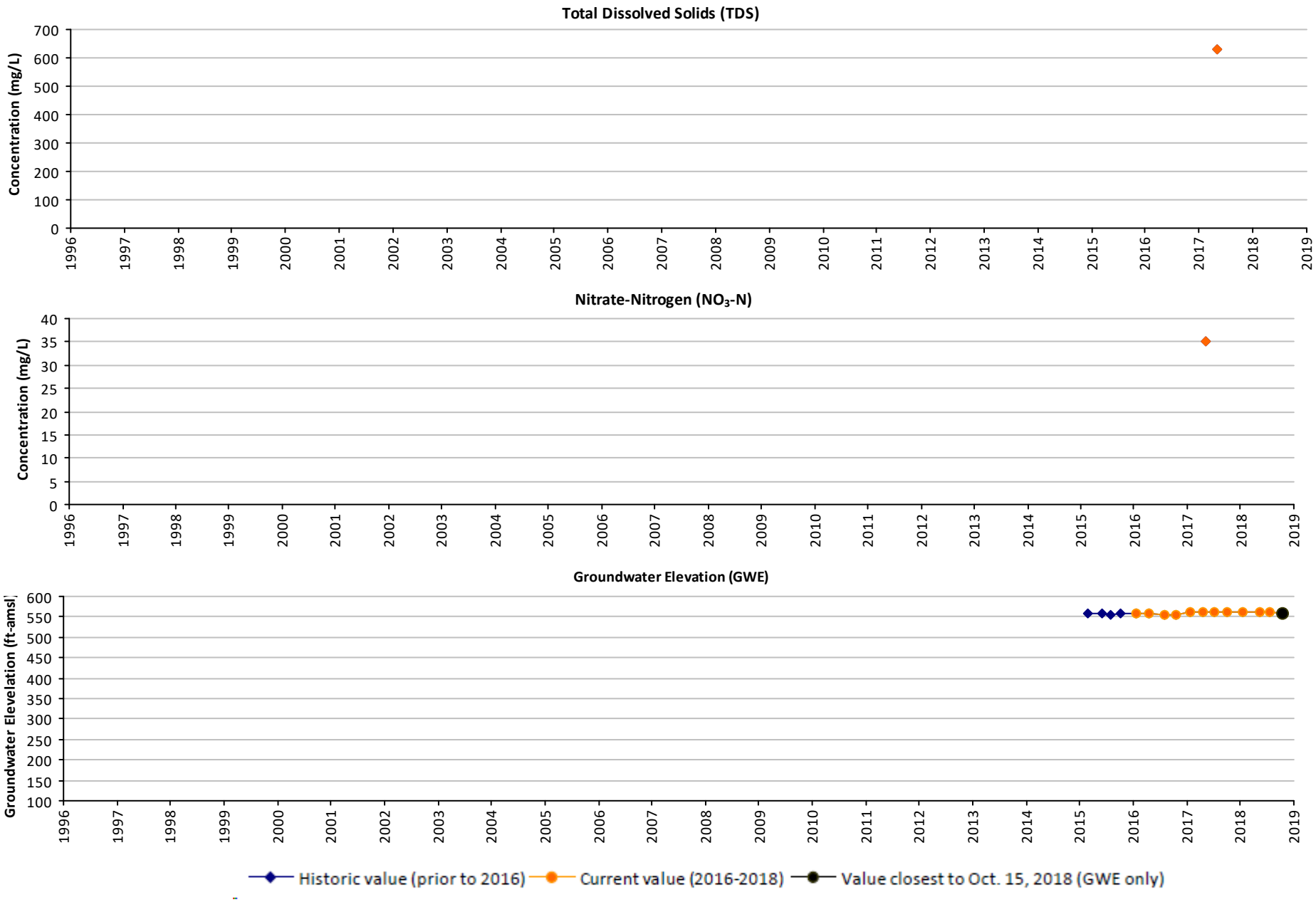

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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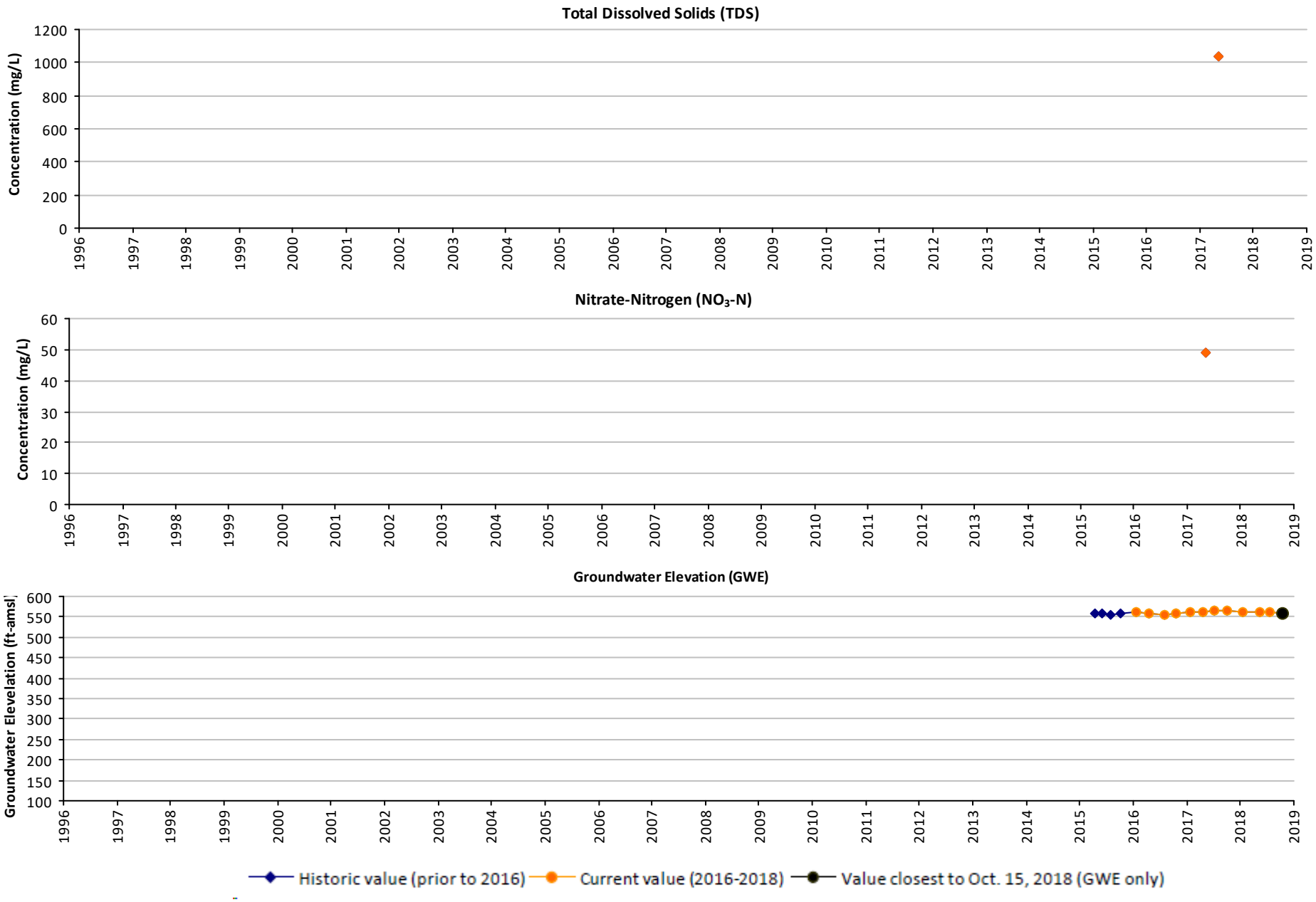
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Historic value (prior to 2016)
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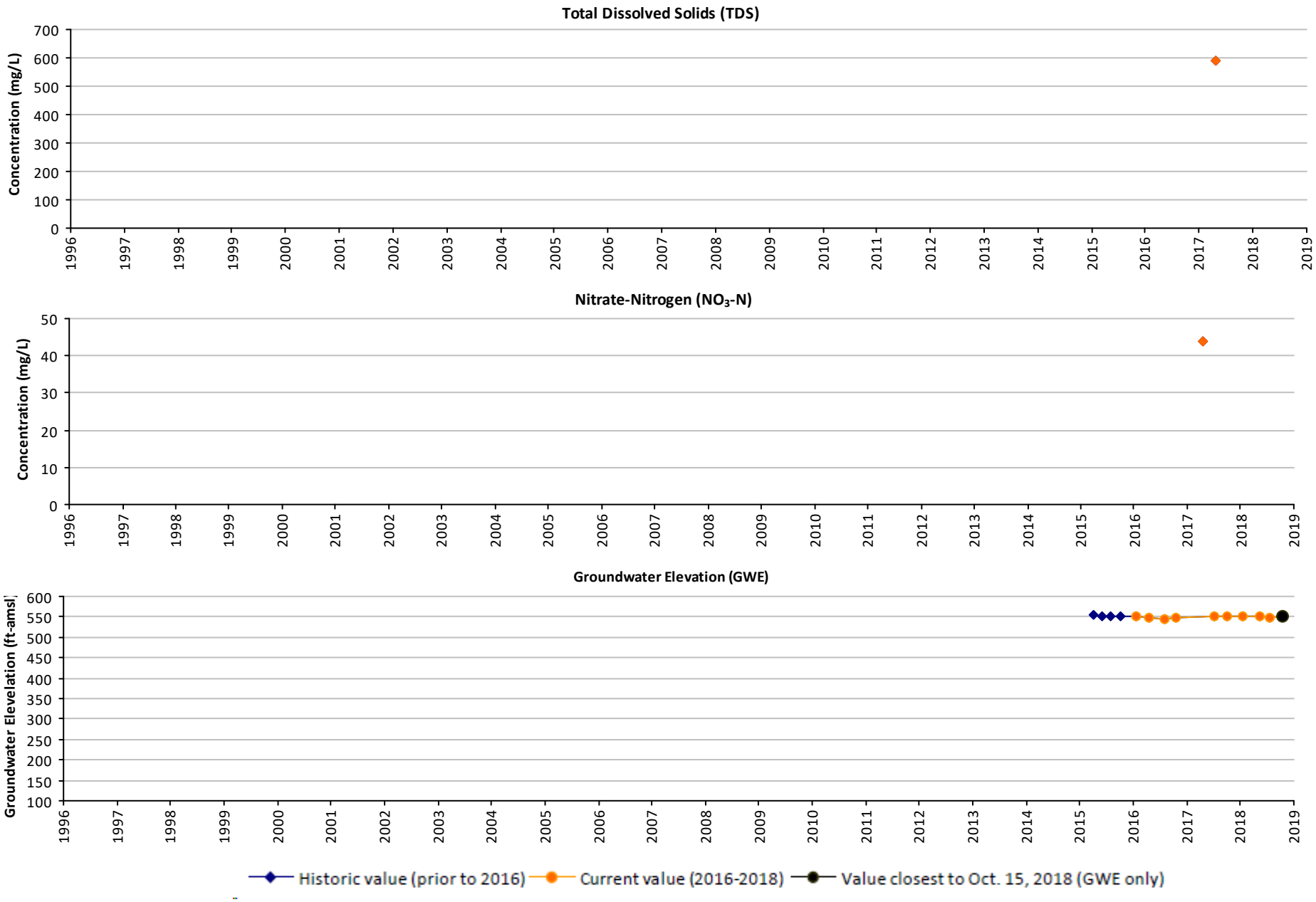
Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
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1996
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2005
2006
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2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
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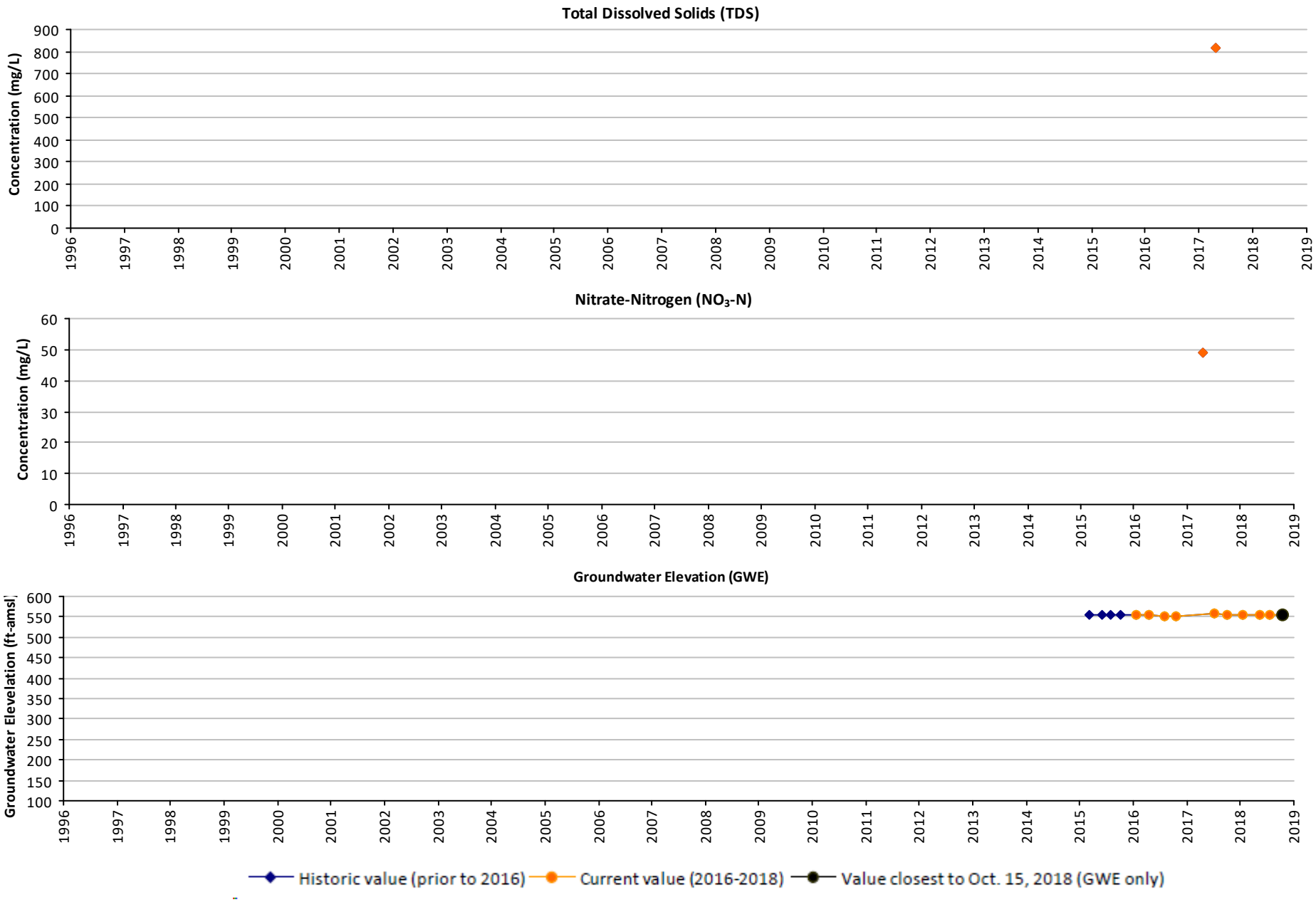
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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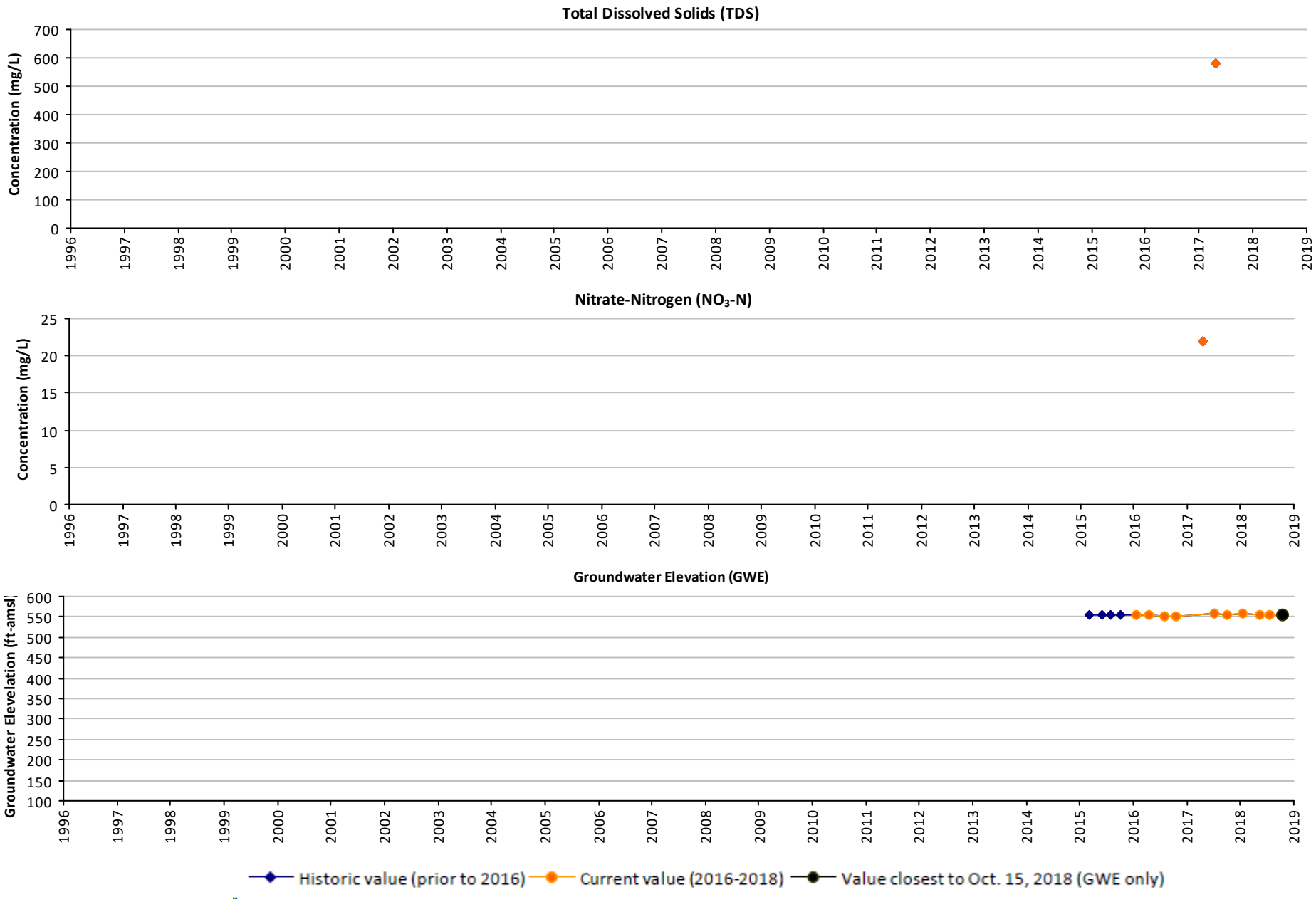
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Historic value (prior to 2016)
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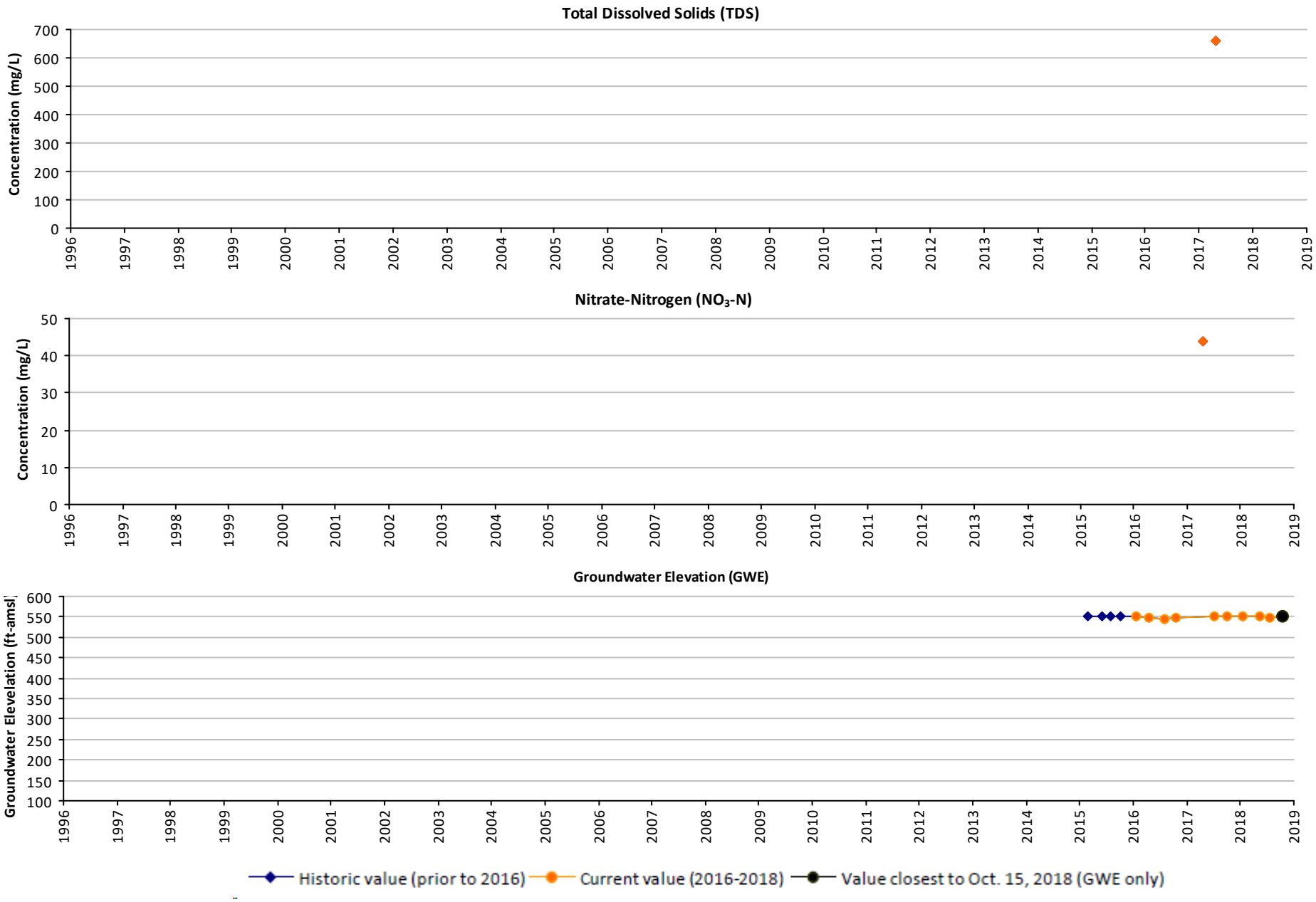
Total Dissolved Solids (TDS)
Concentration (mg/L)
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2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
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350
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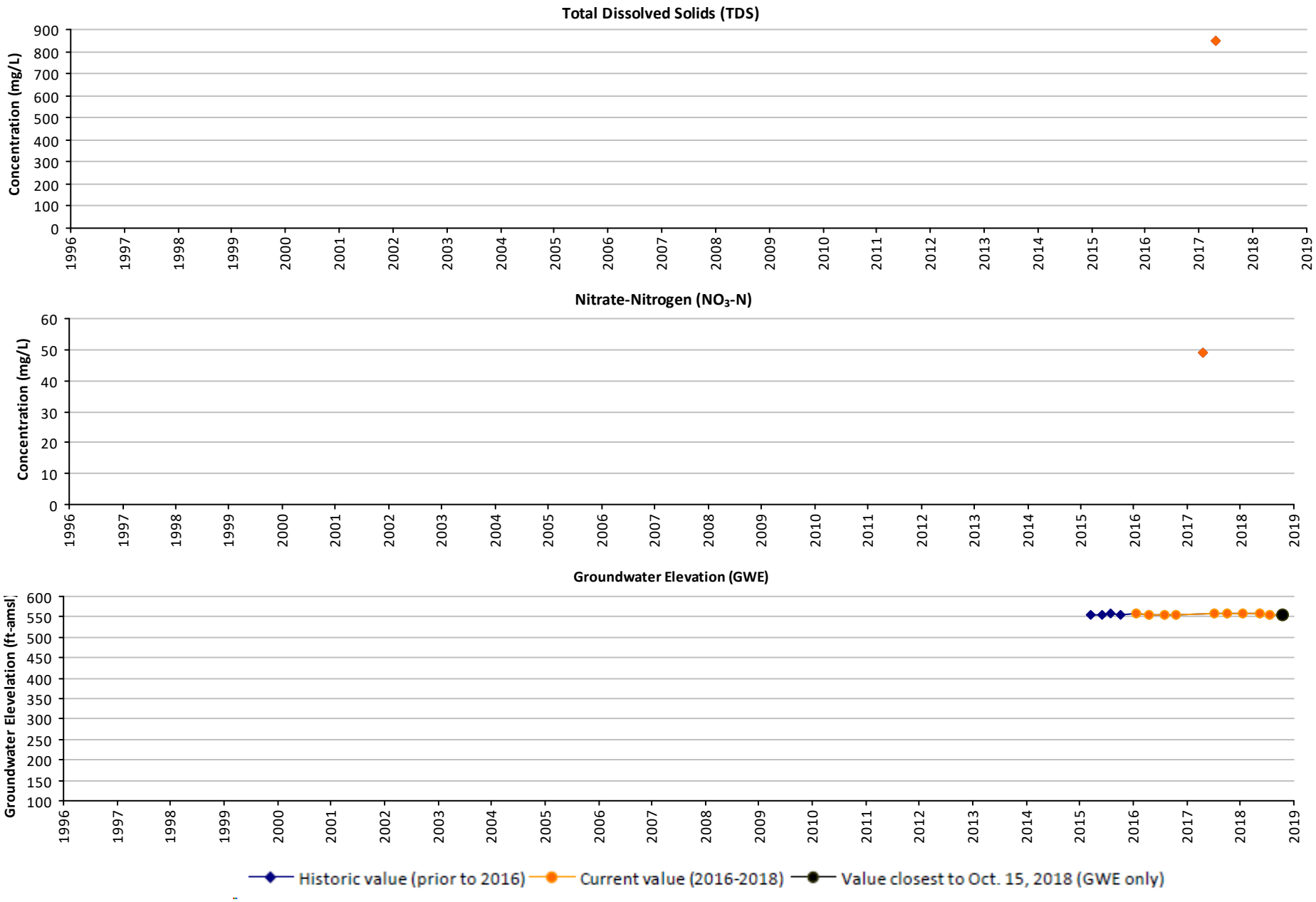
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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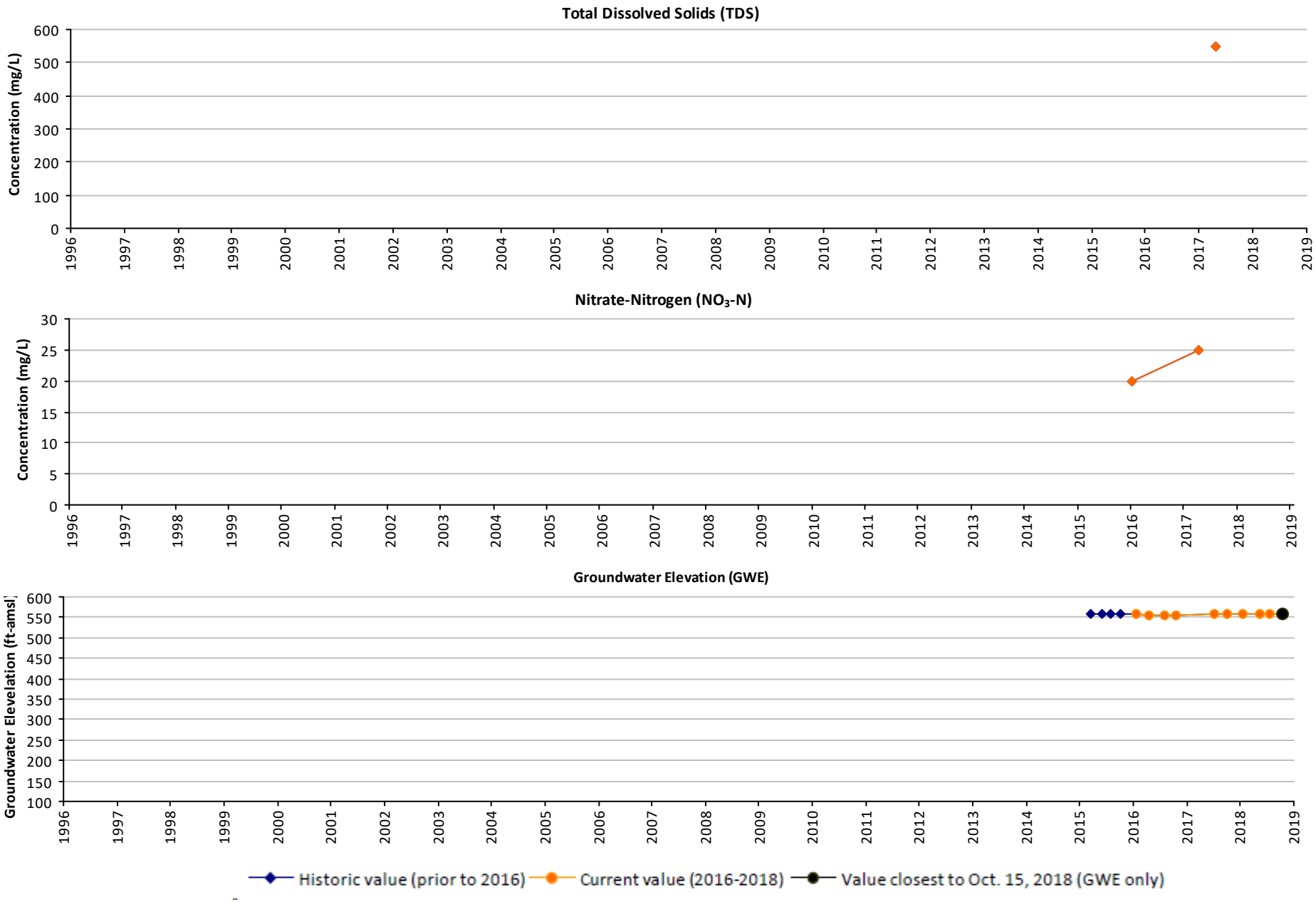
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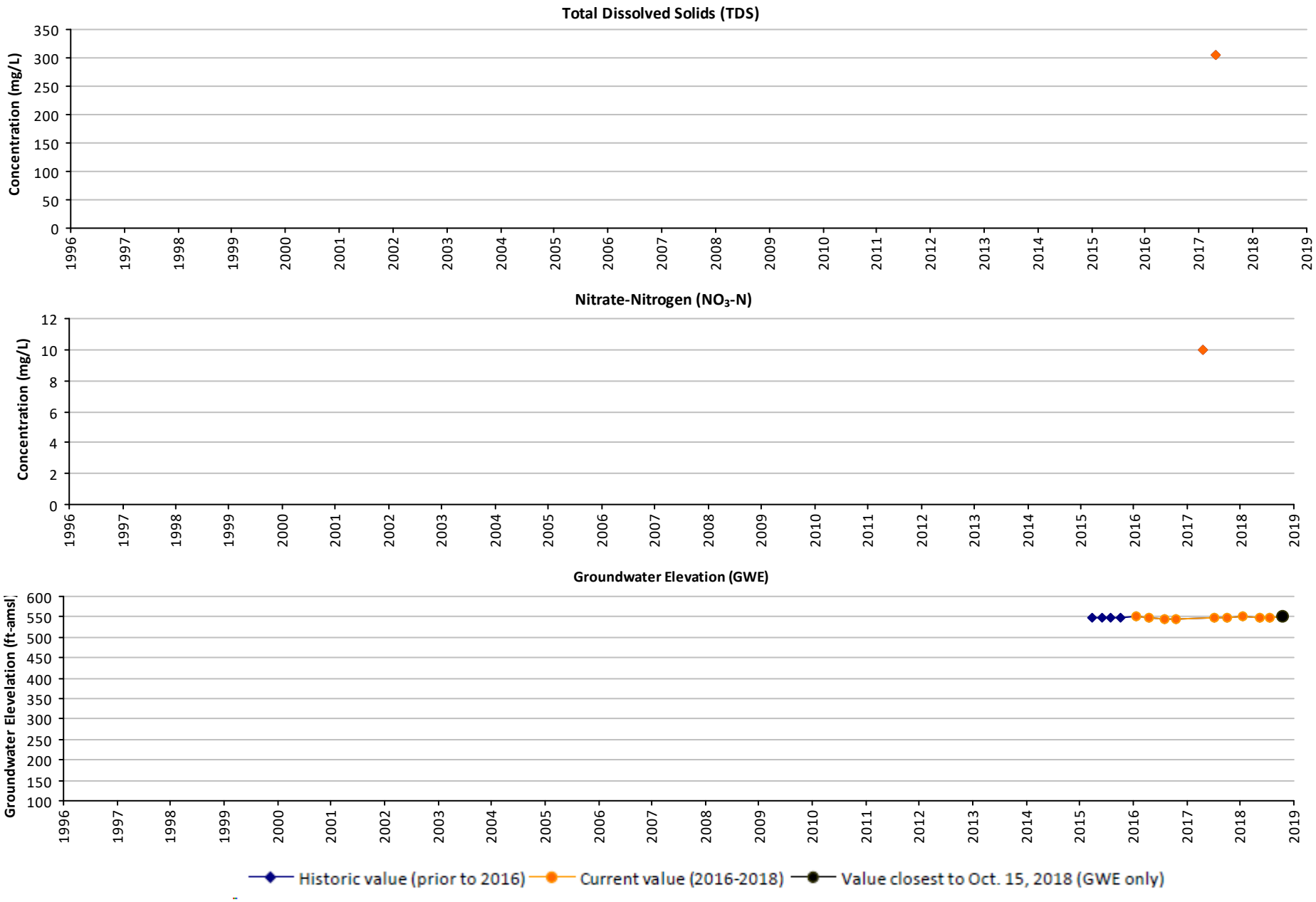
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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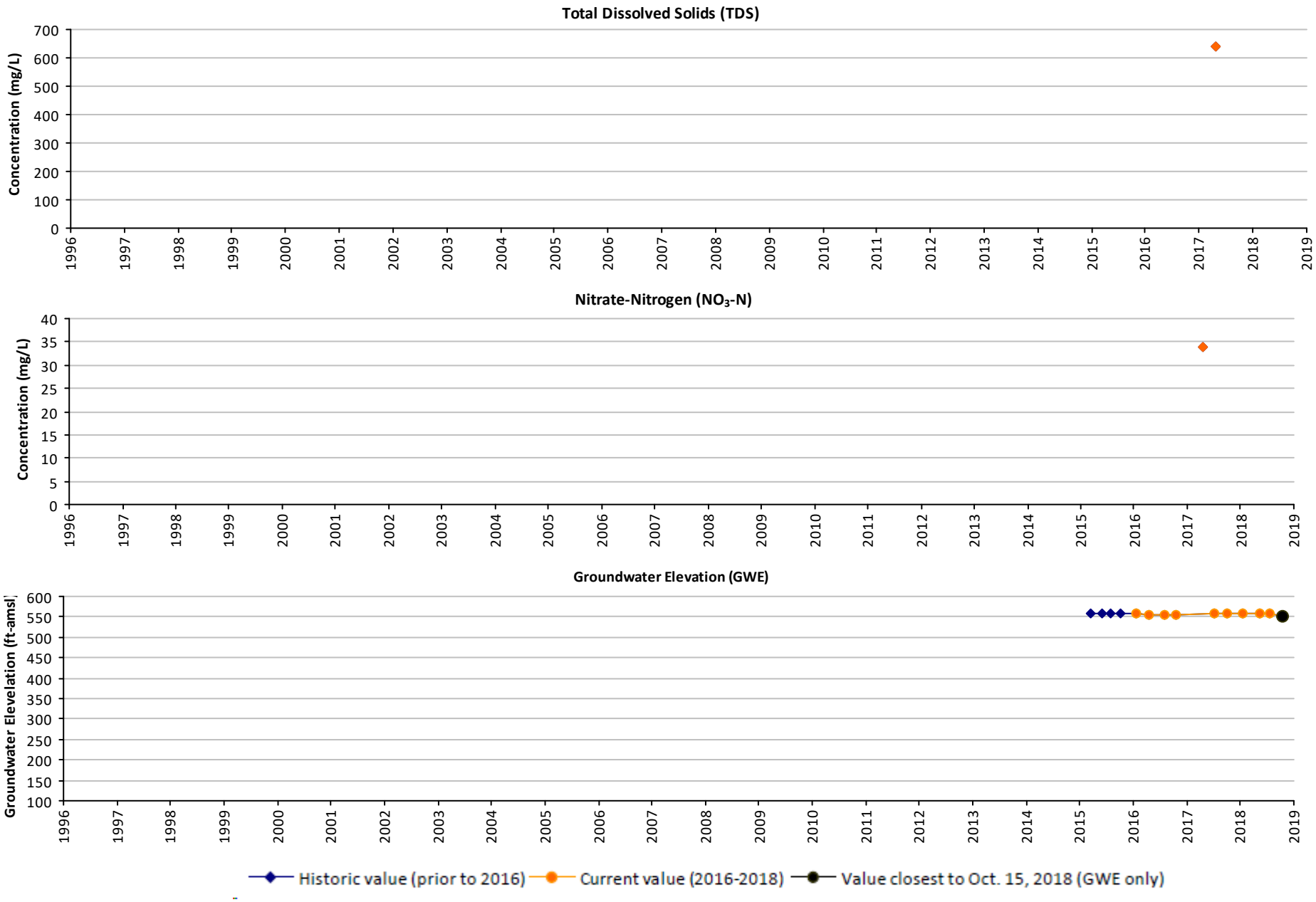
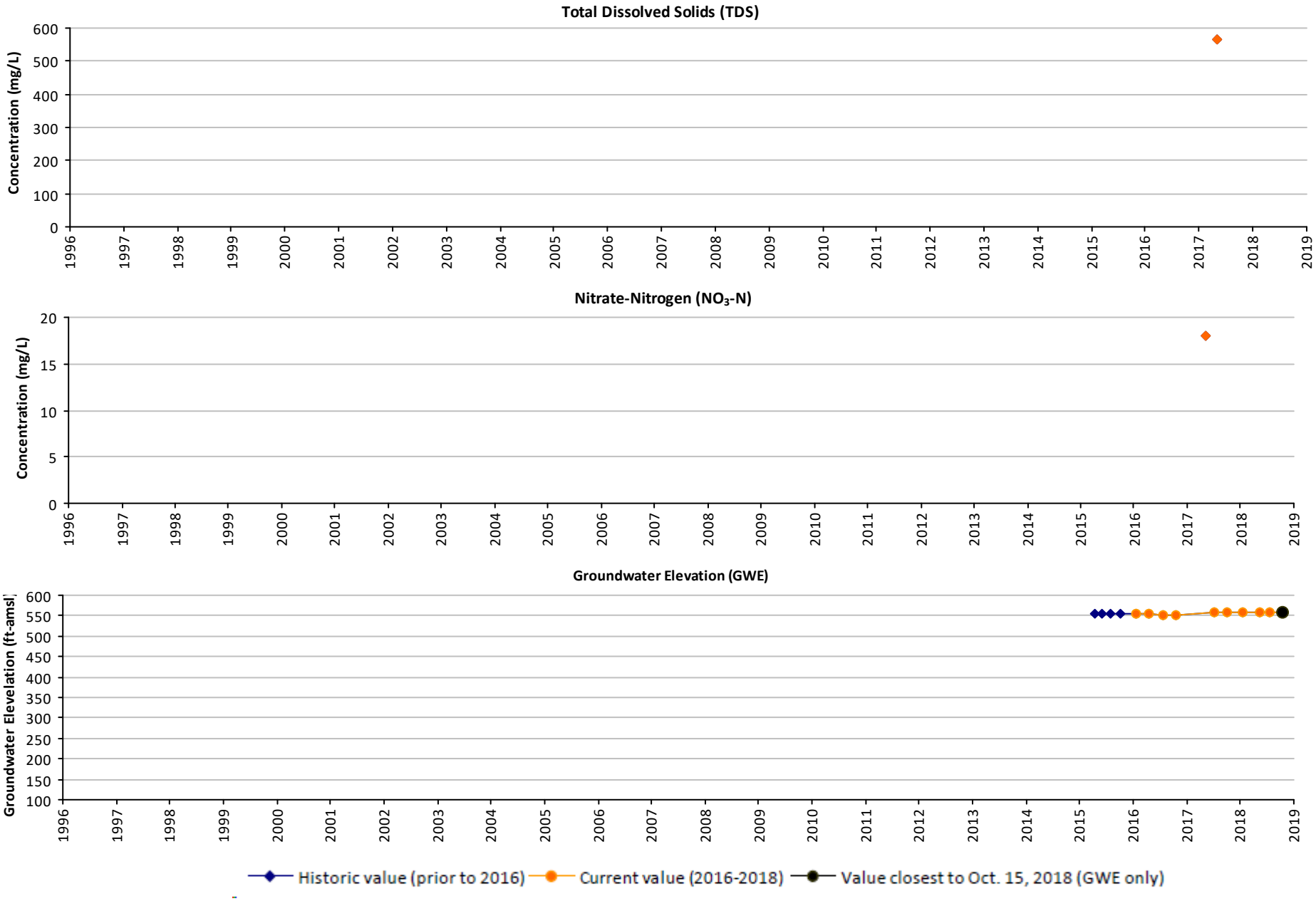
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
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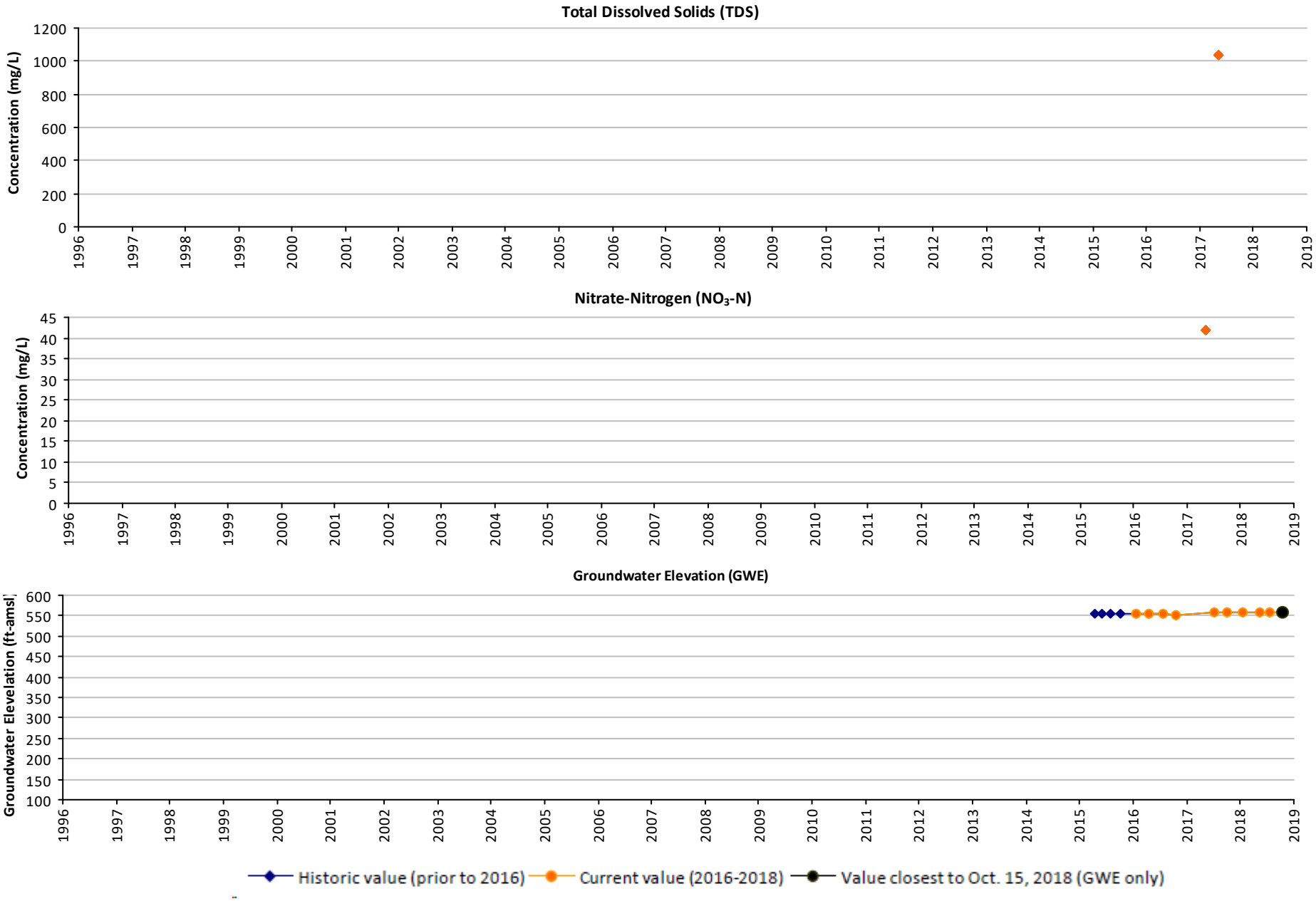
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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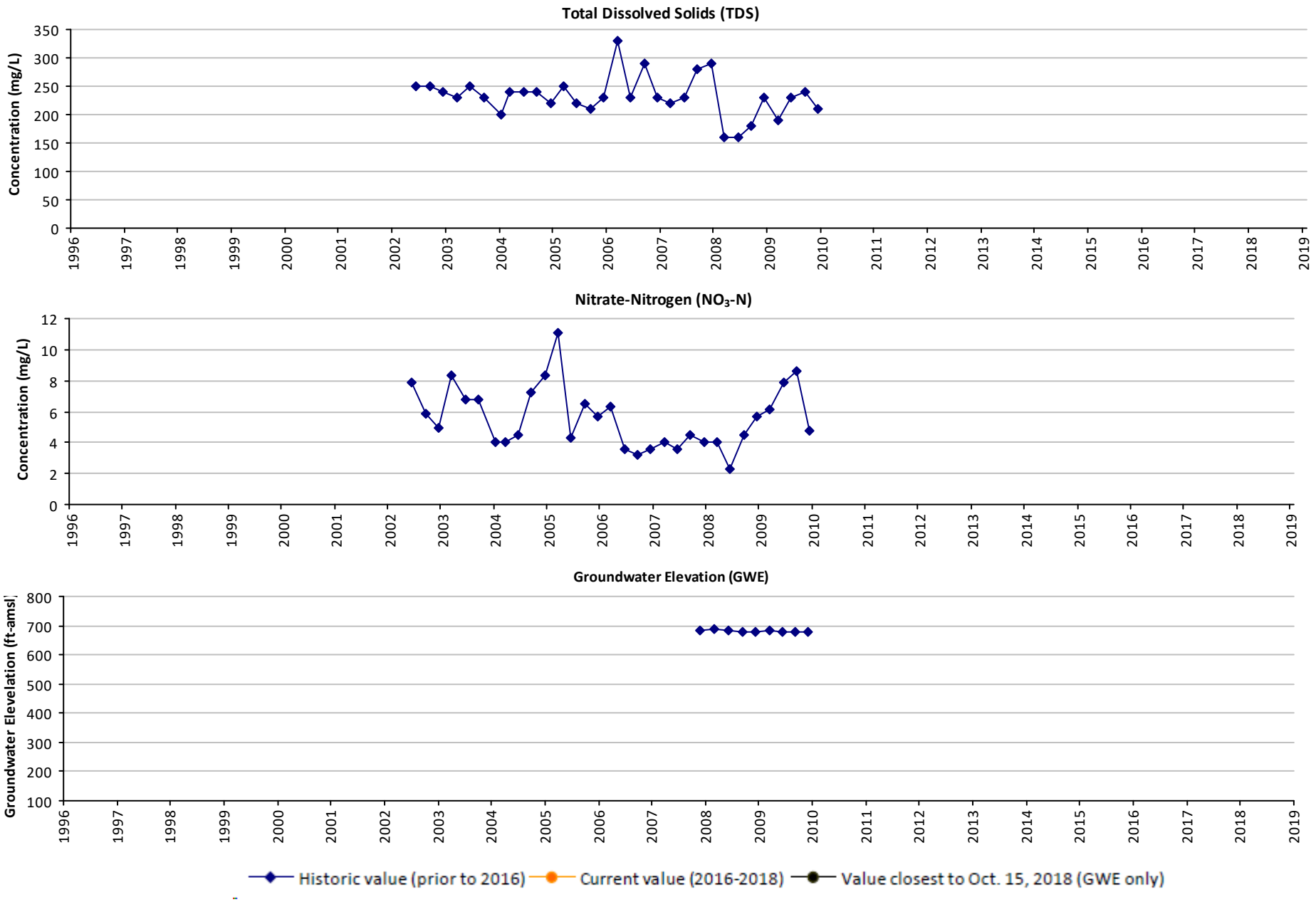
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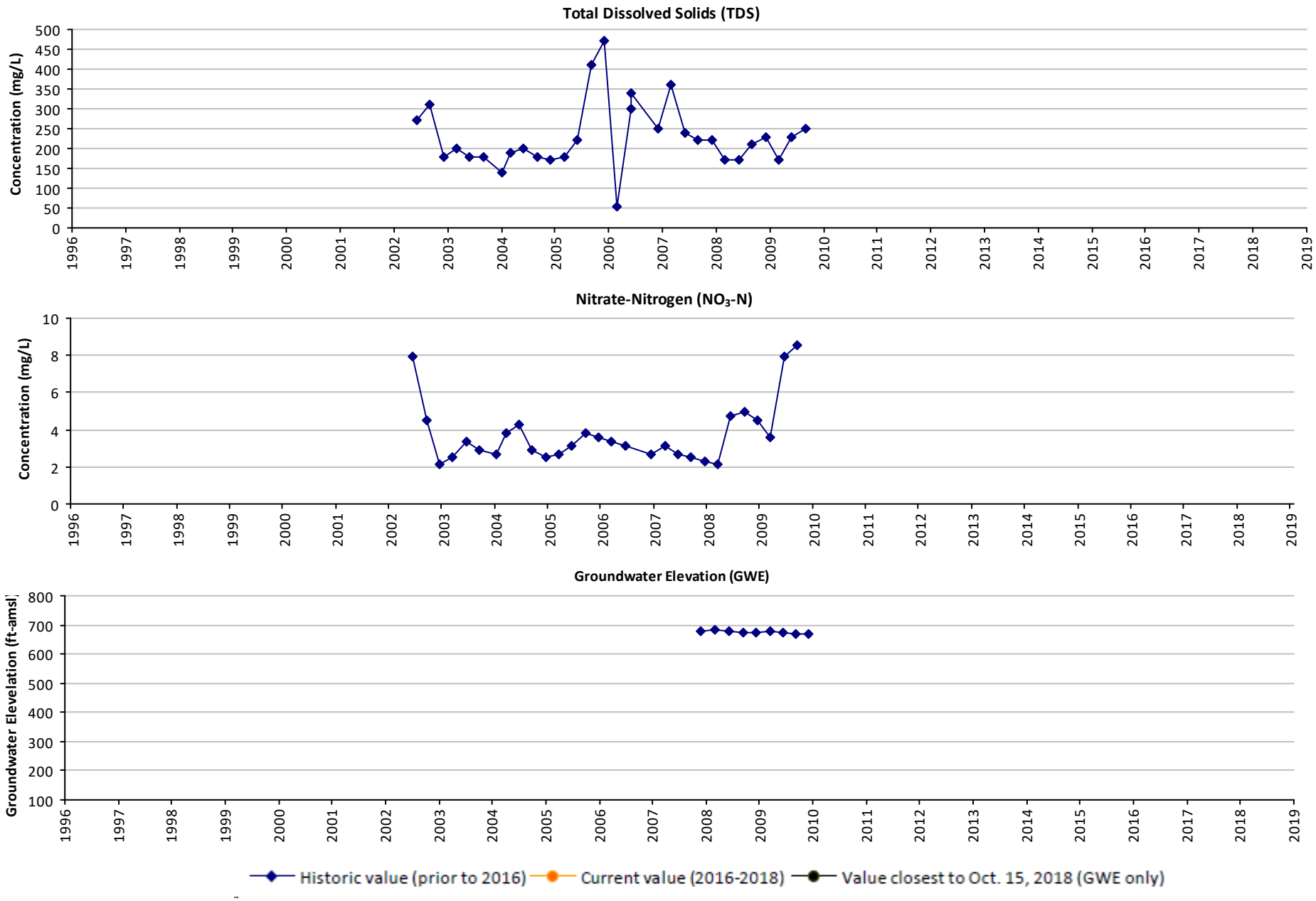
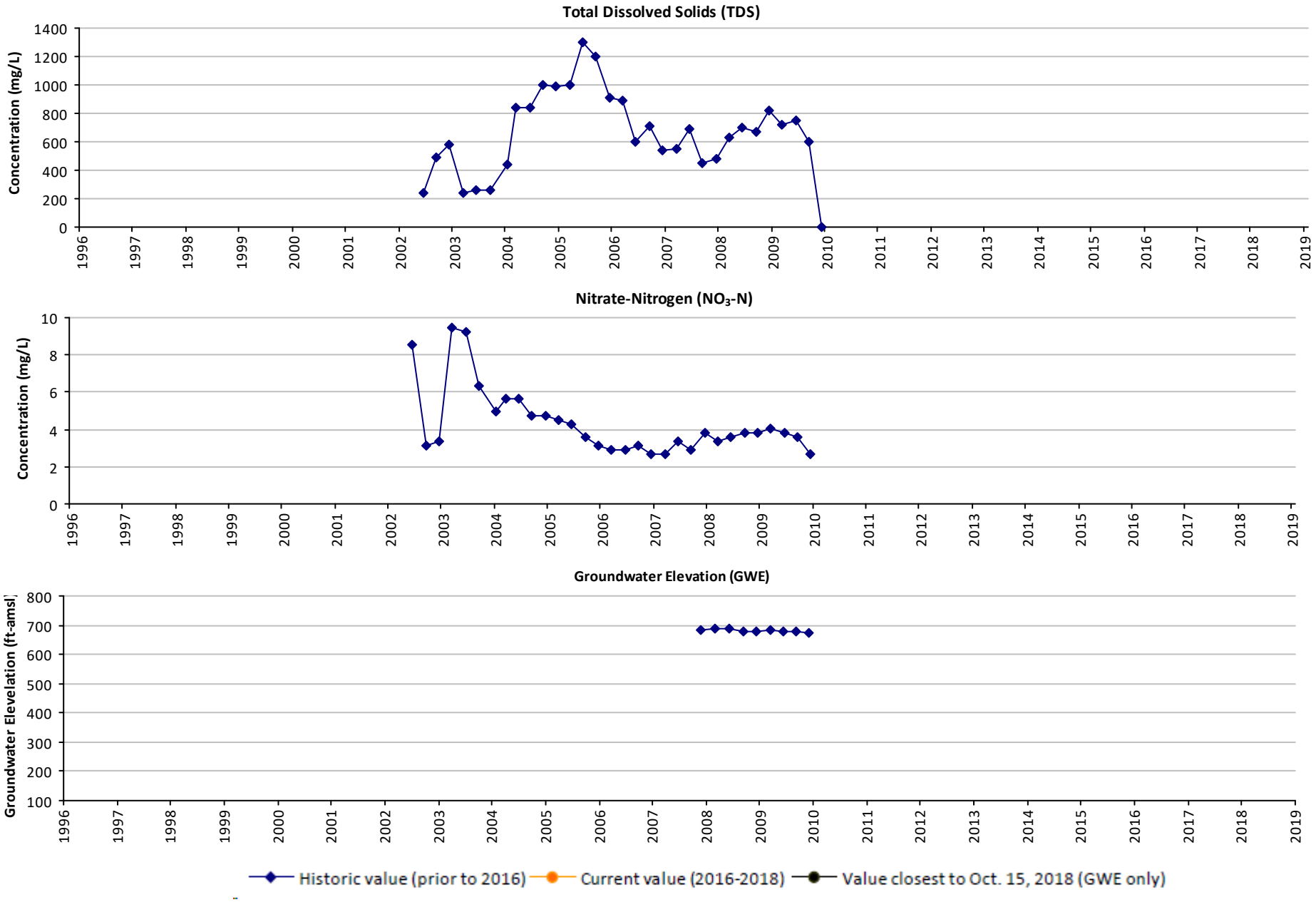
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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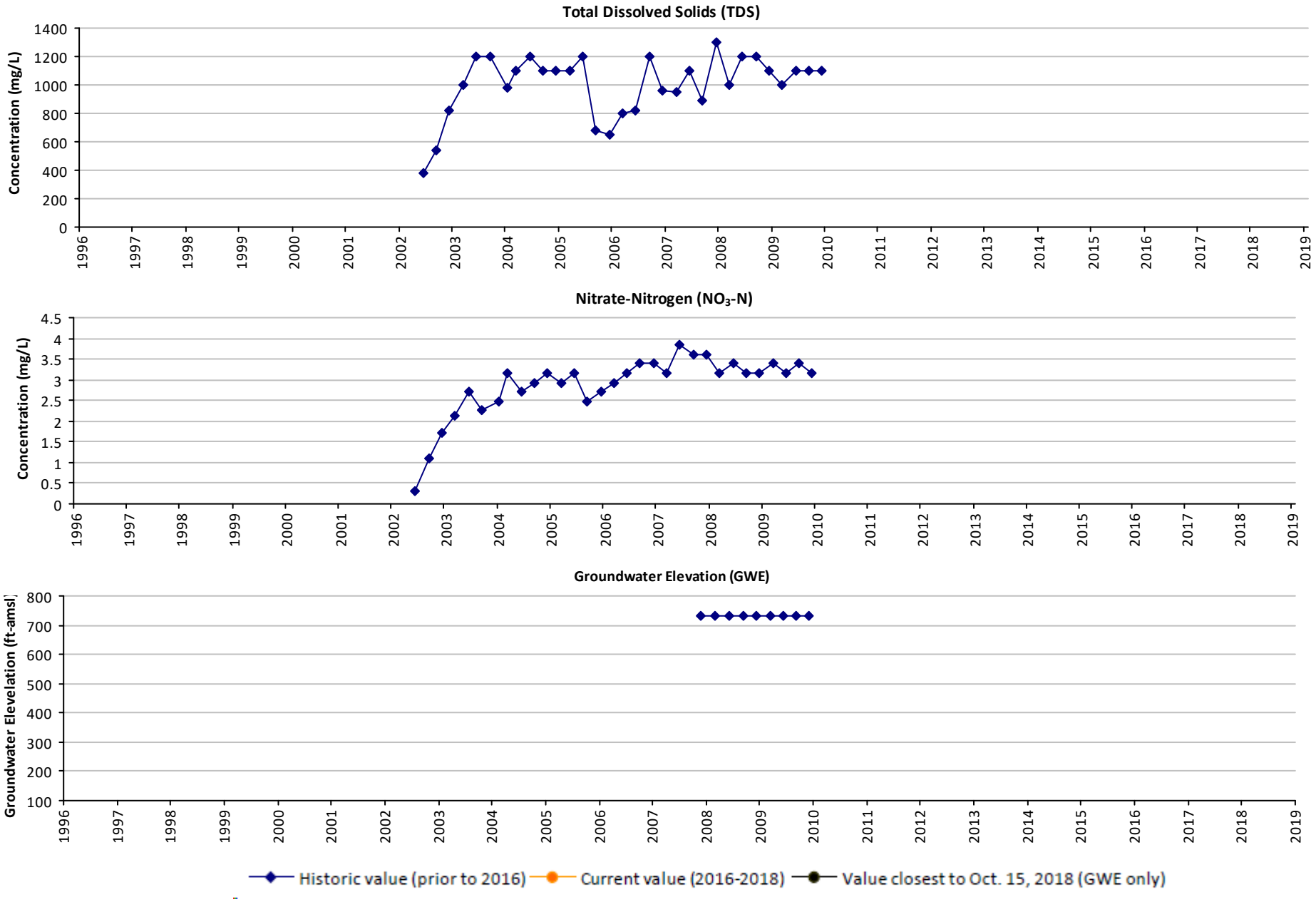
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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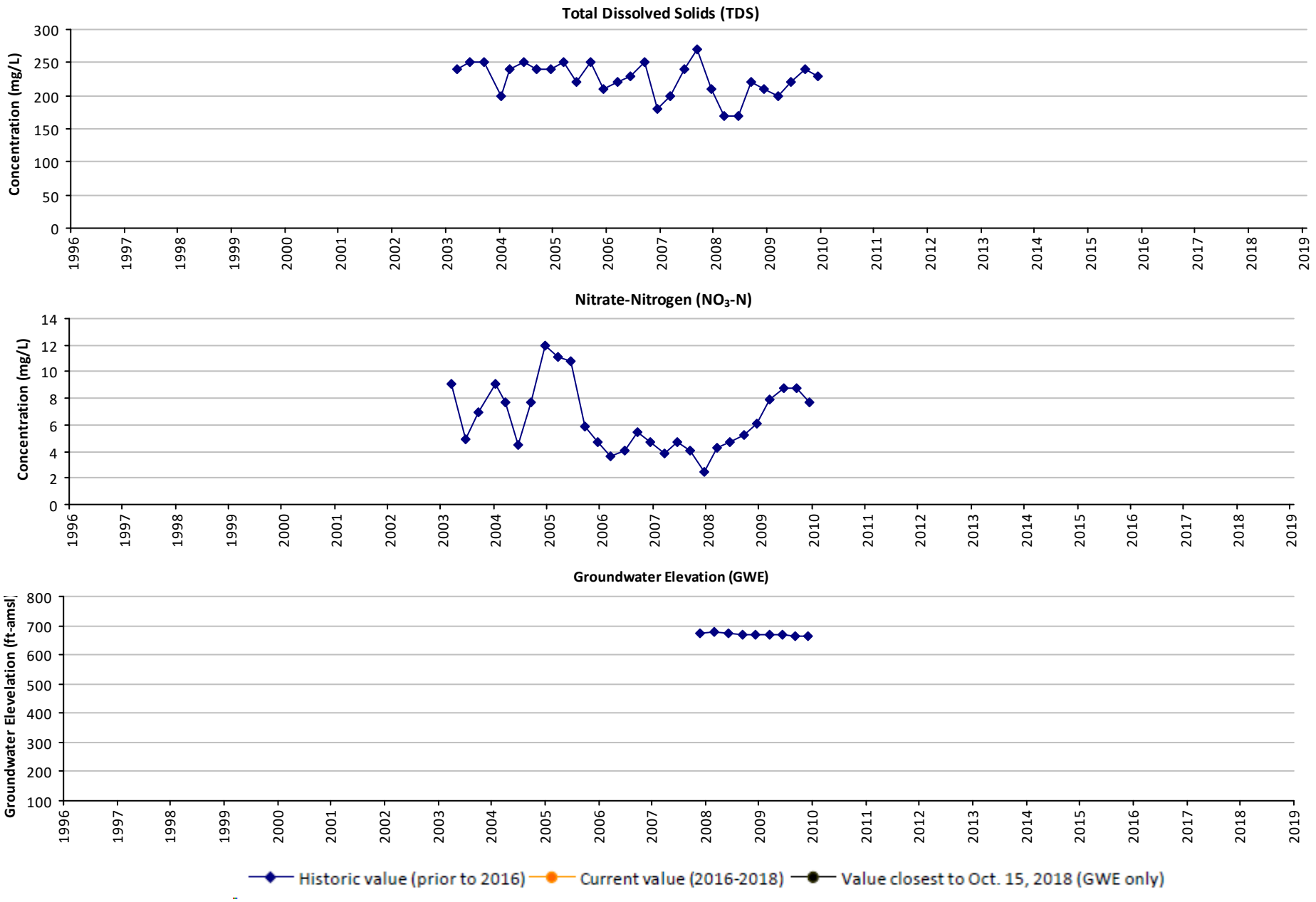
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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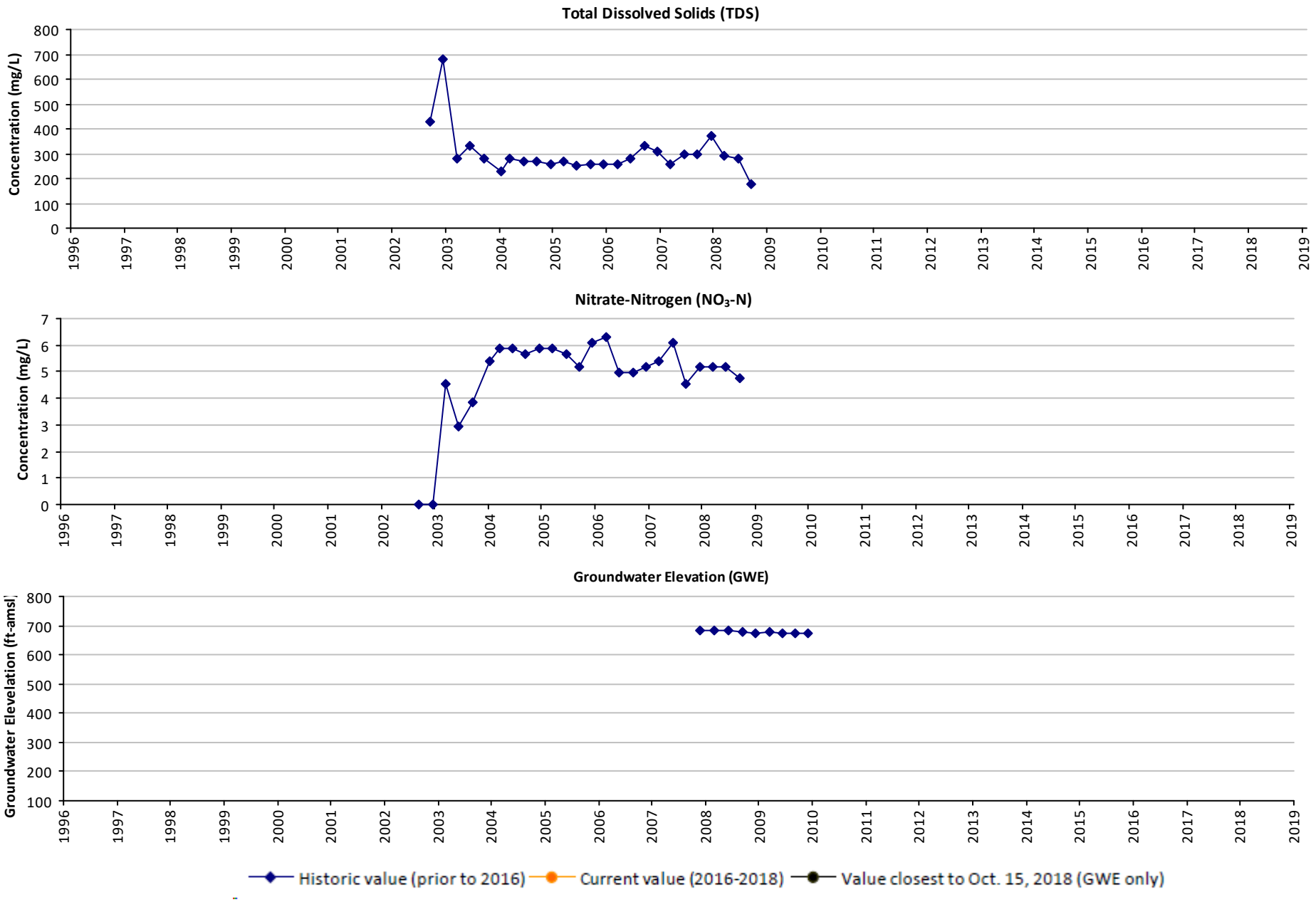
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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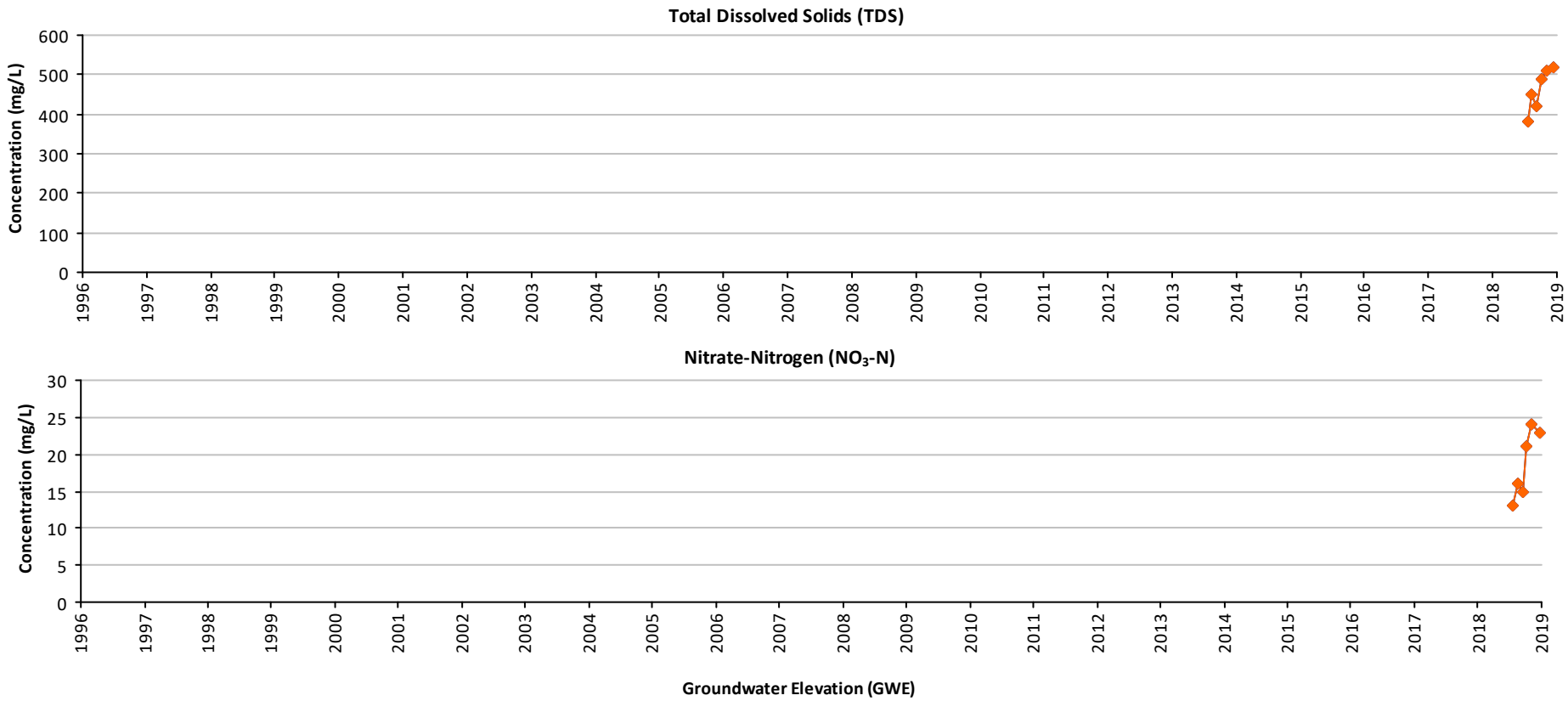
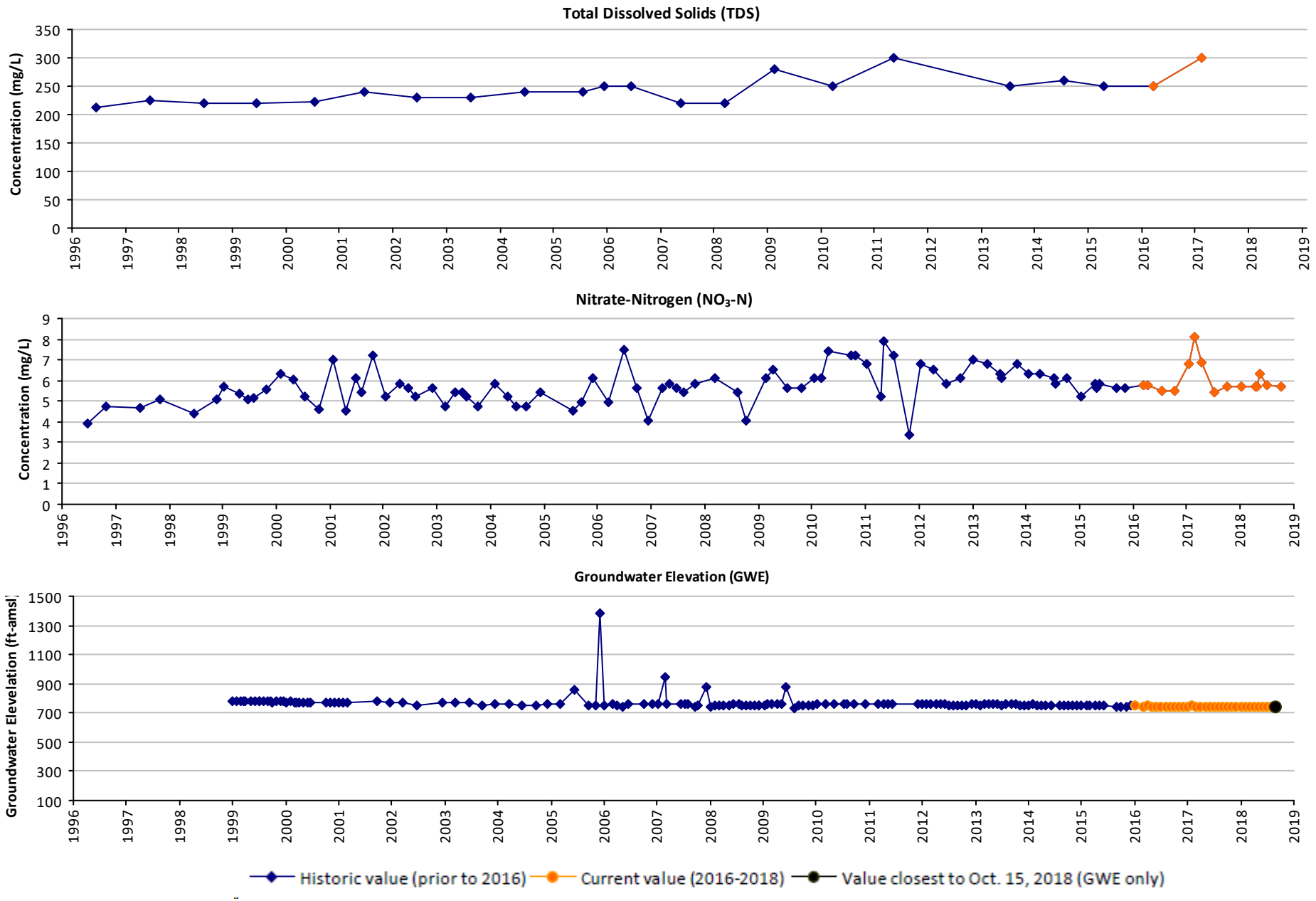
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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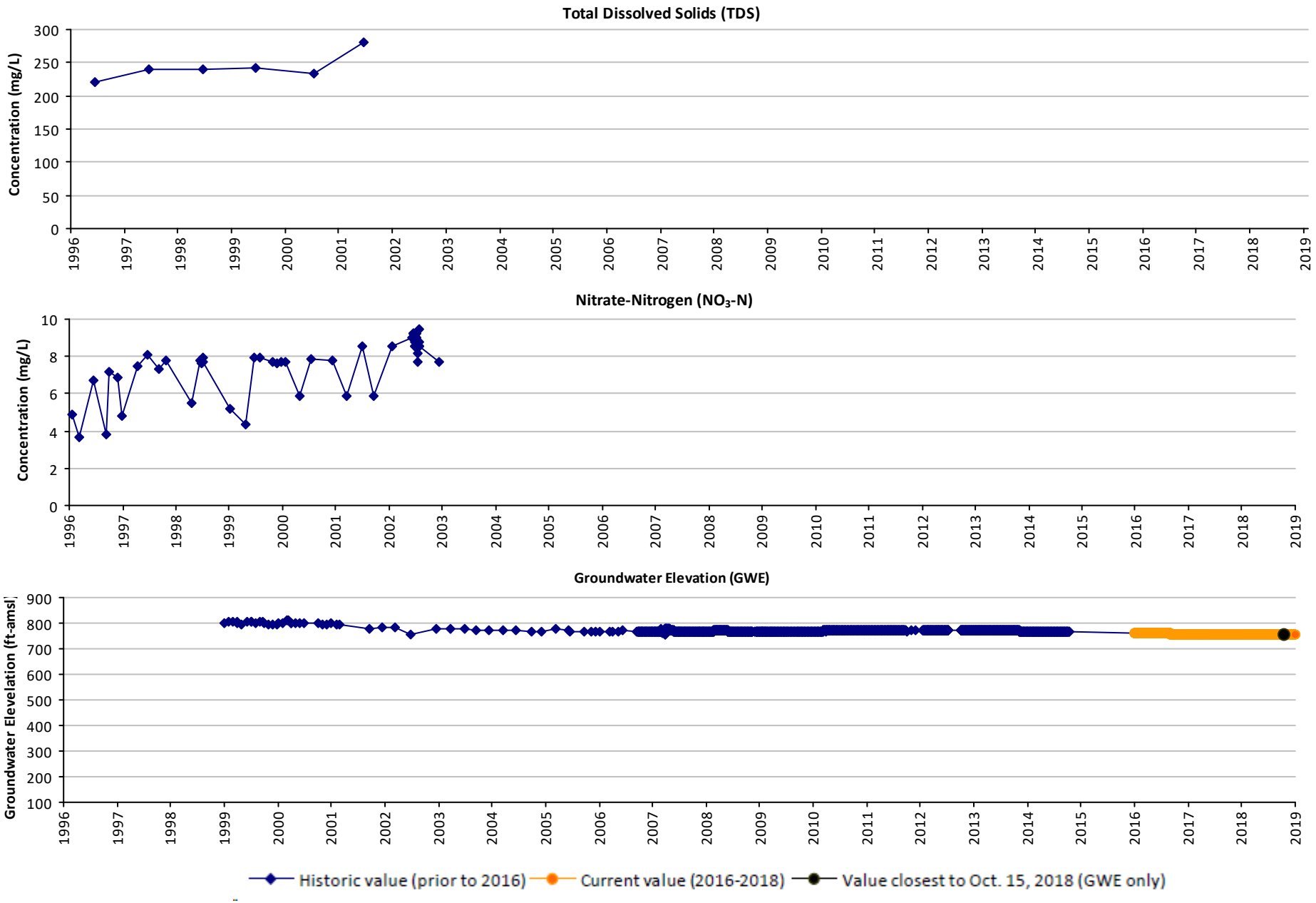
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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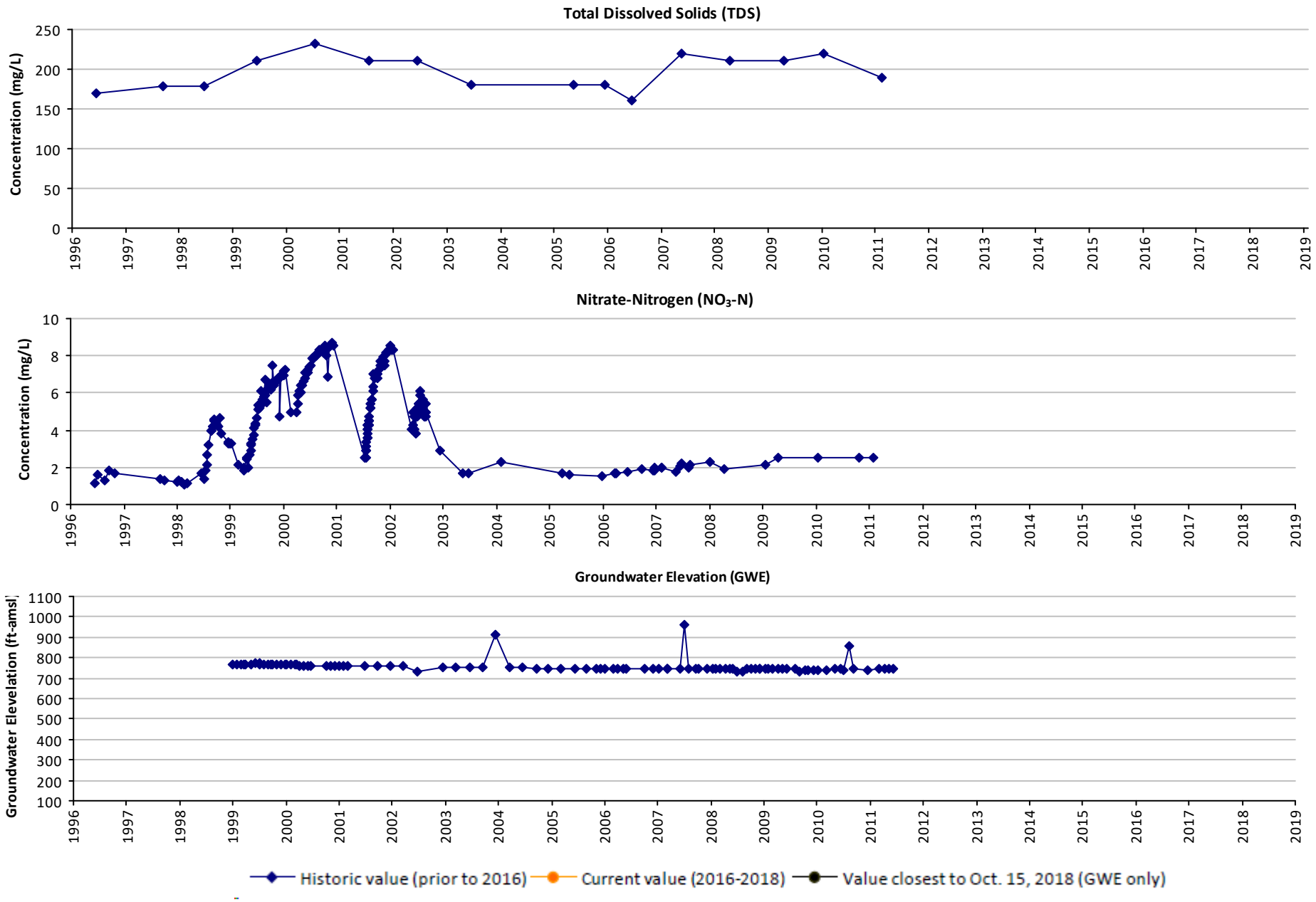
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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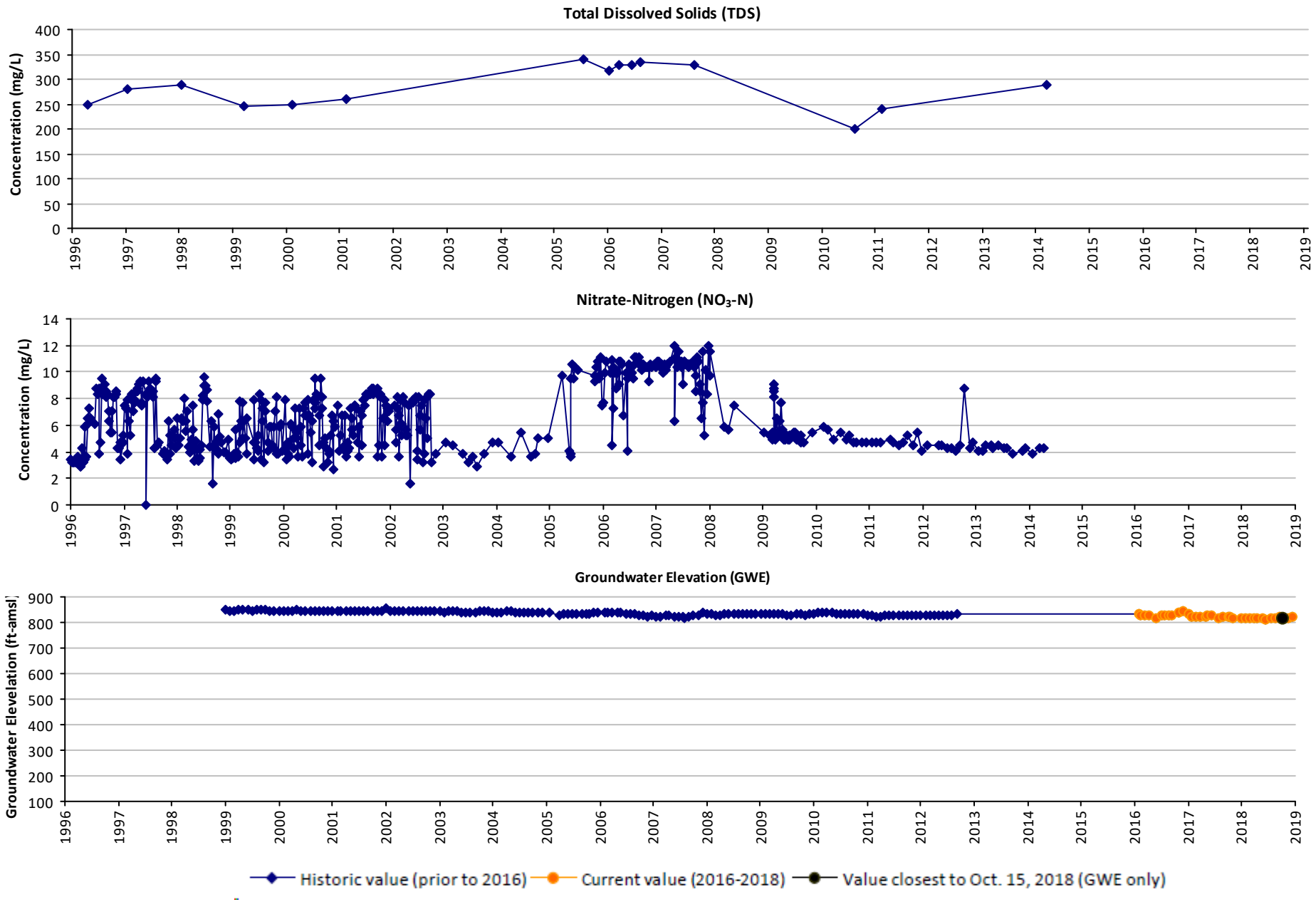
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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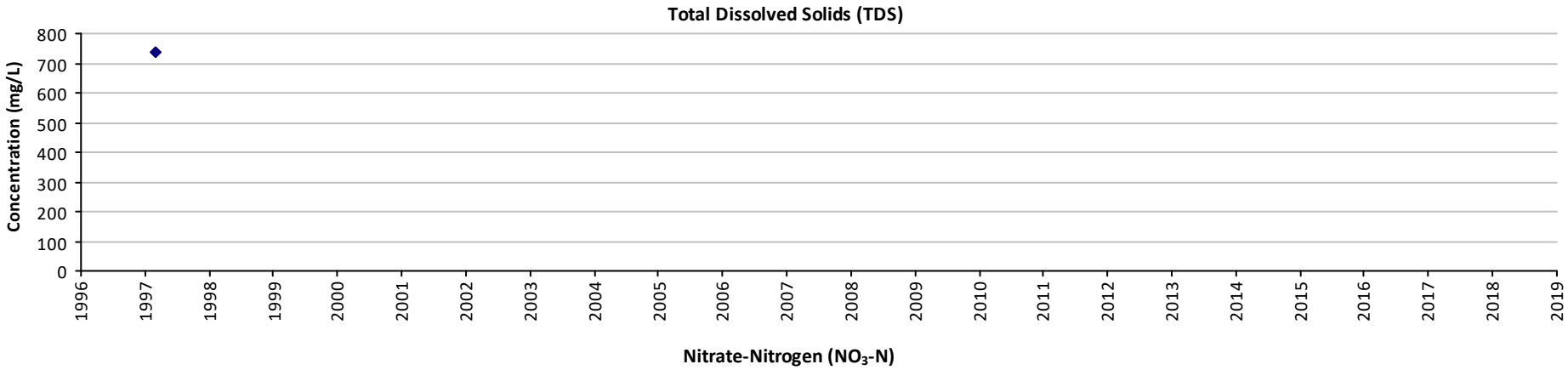
Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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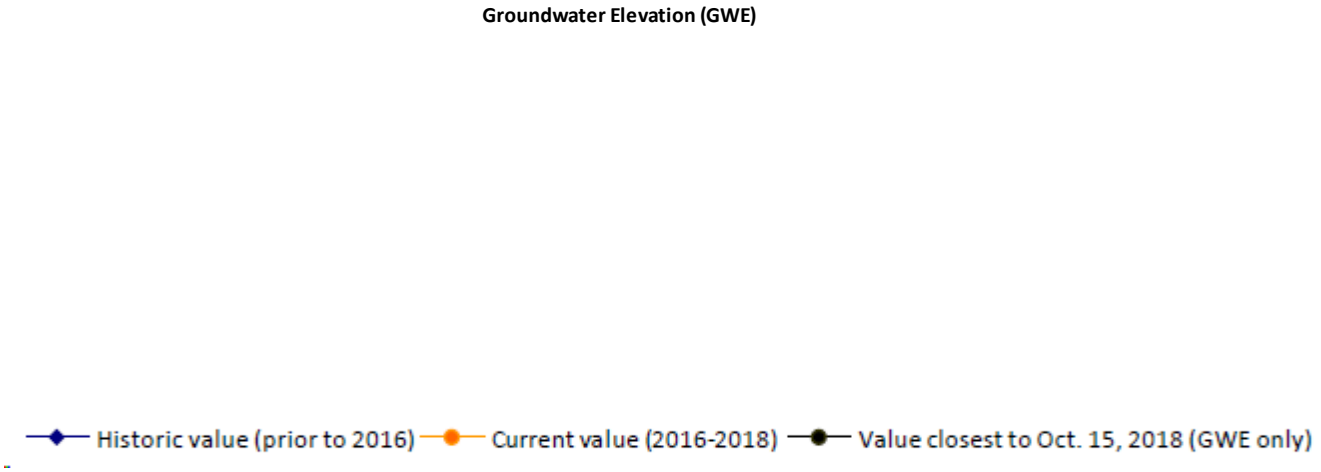
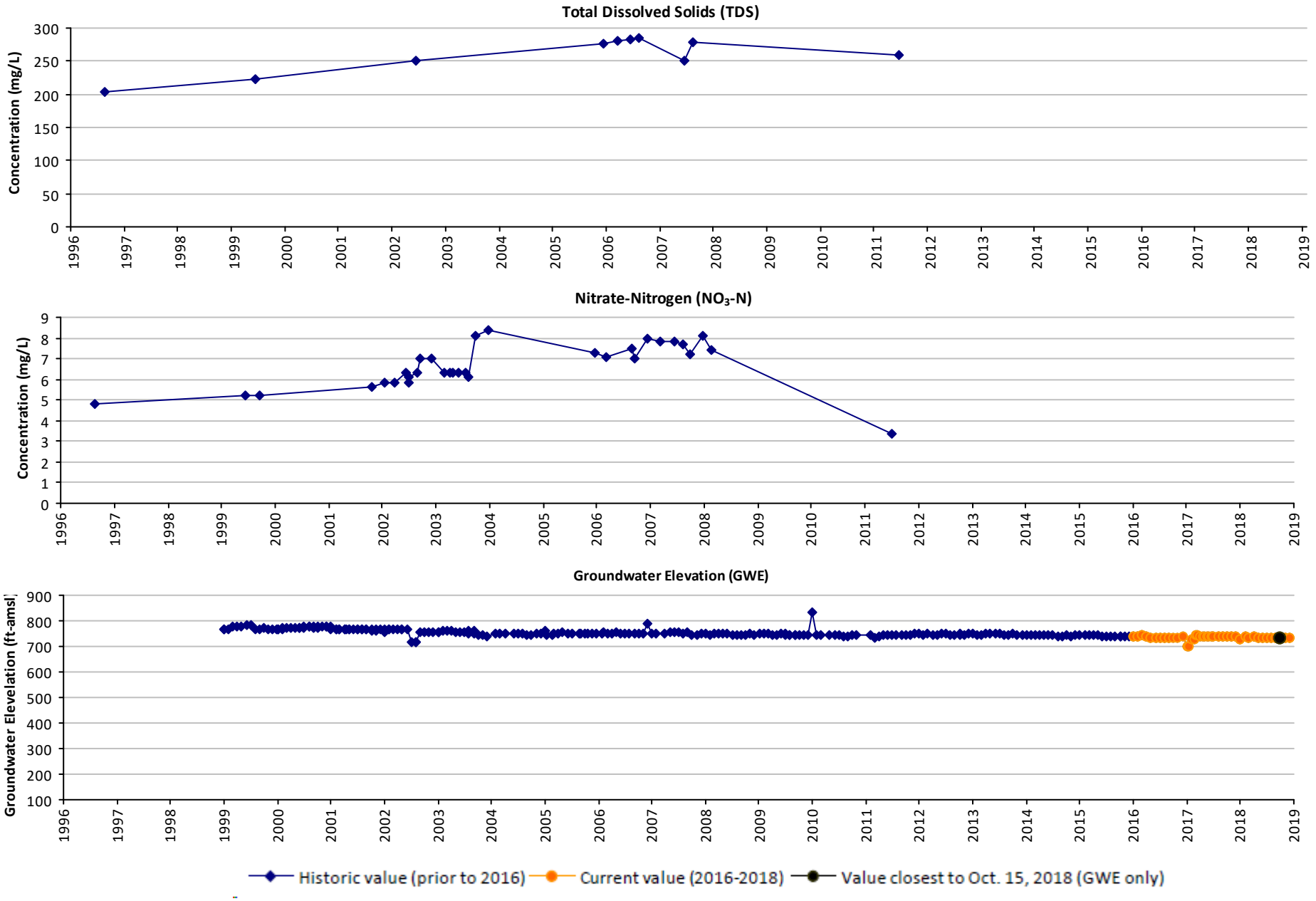
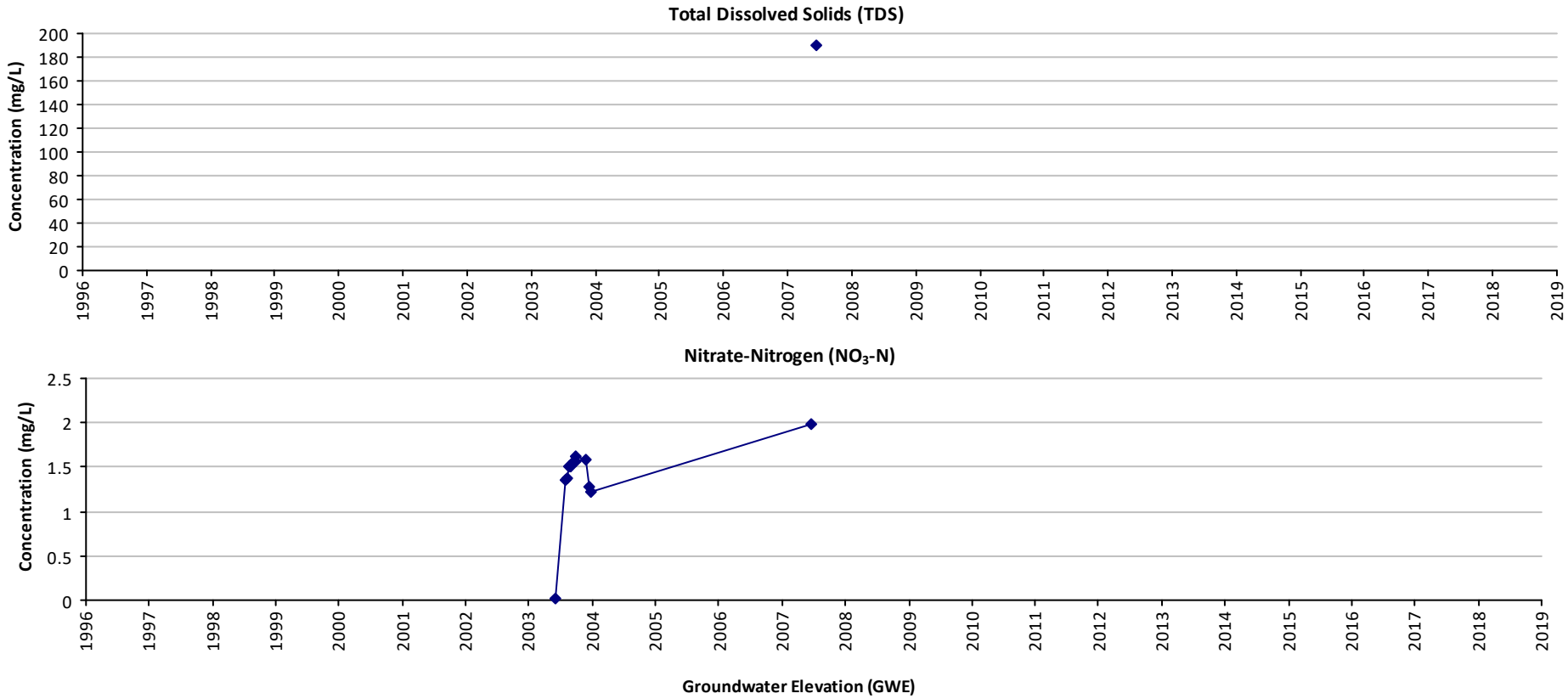
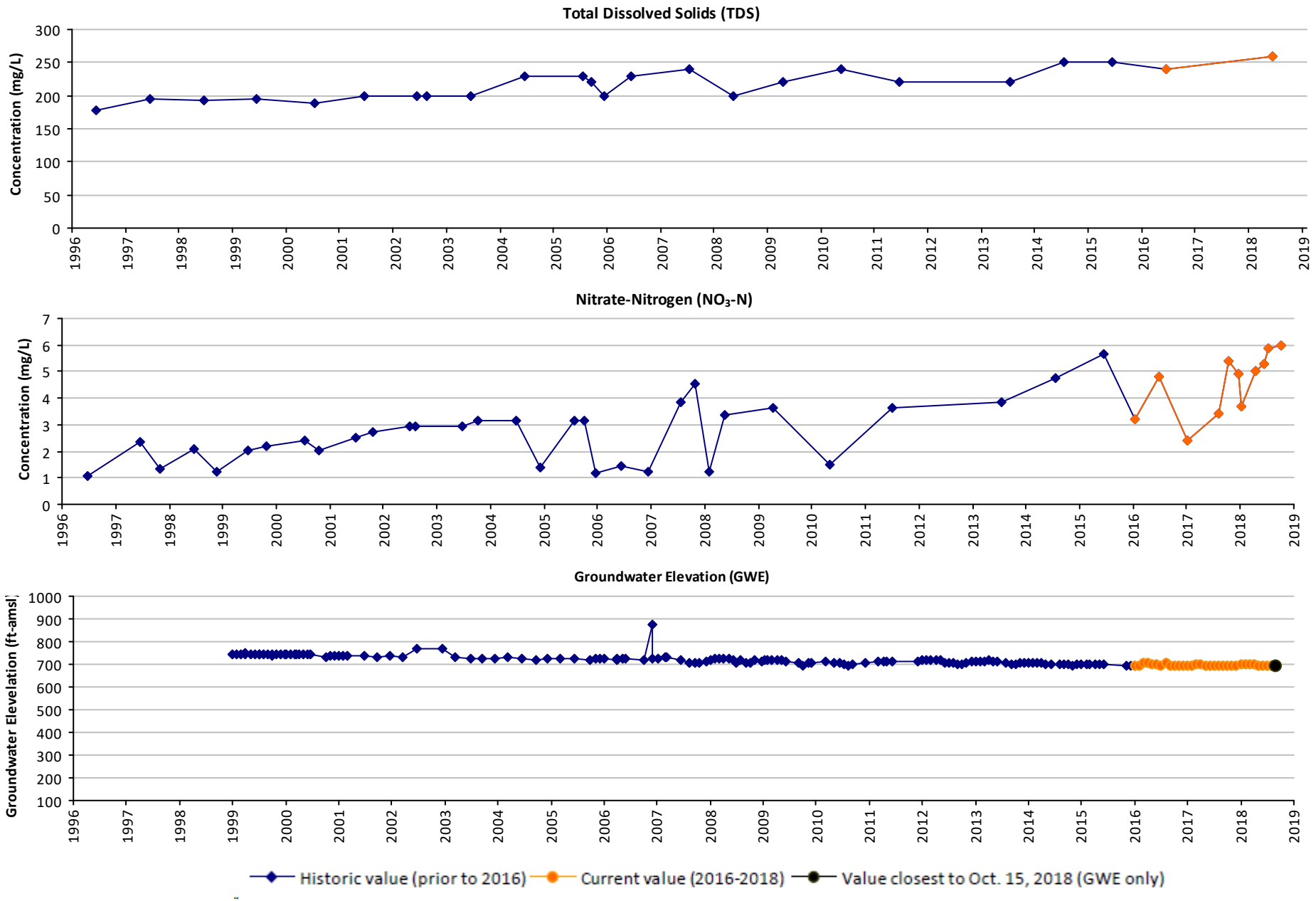
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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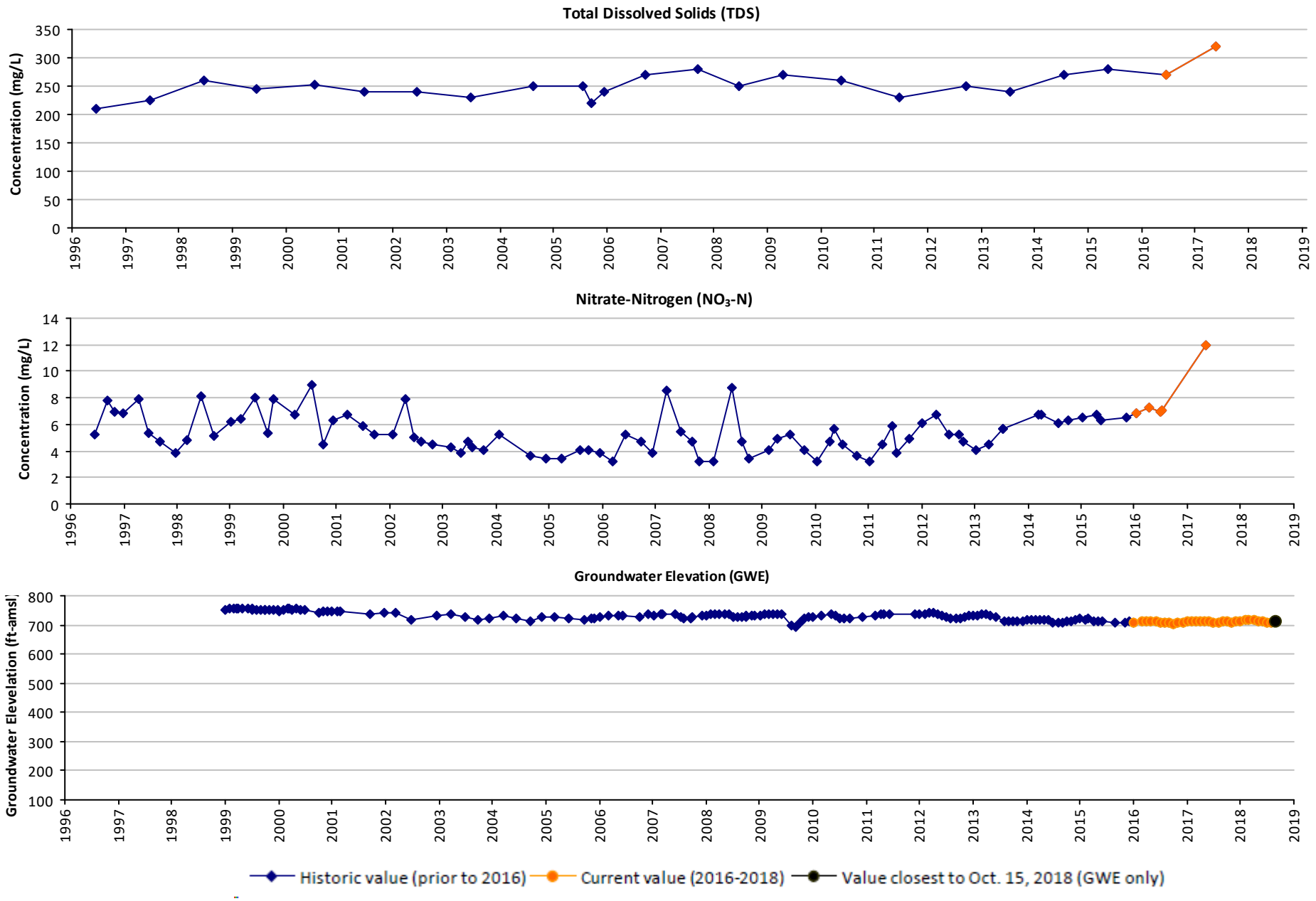
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Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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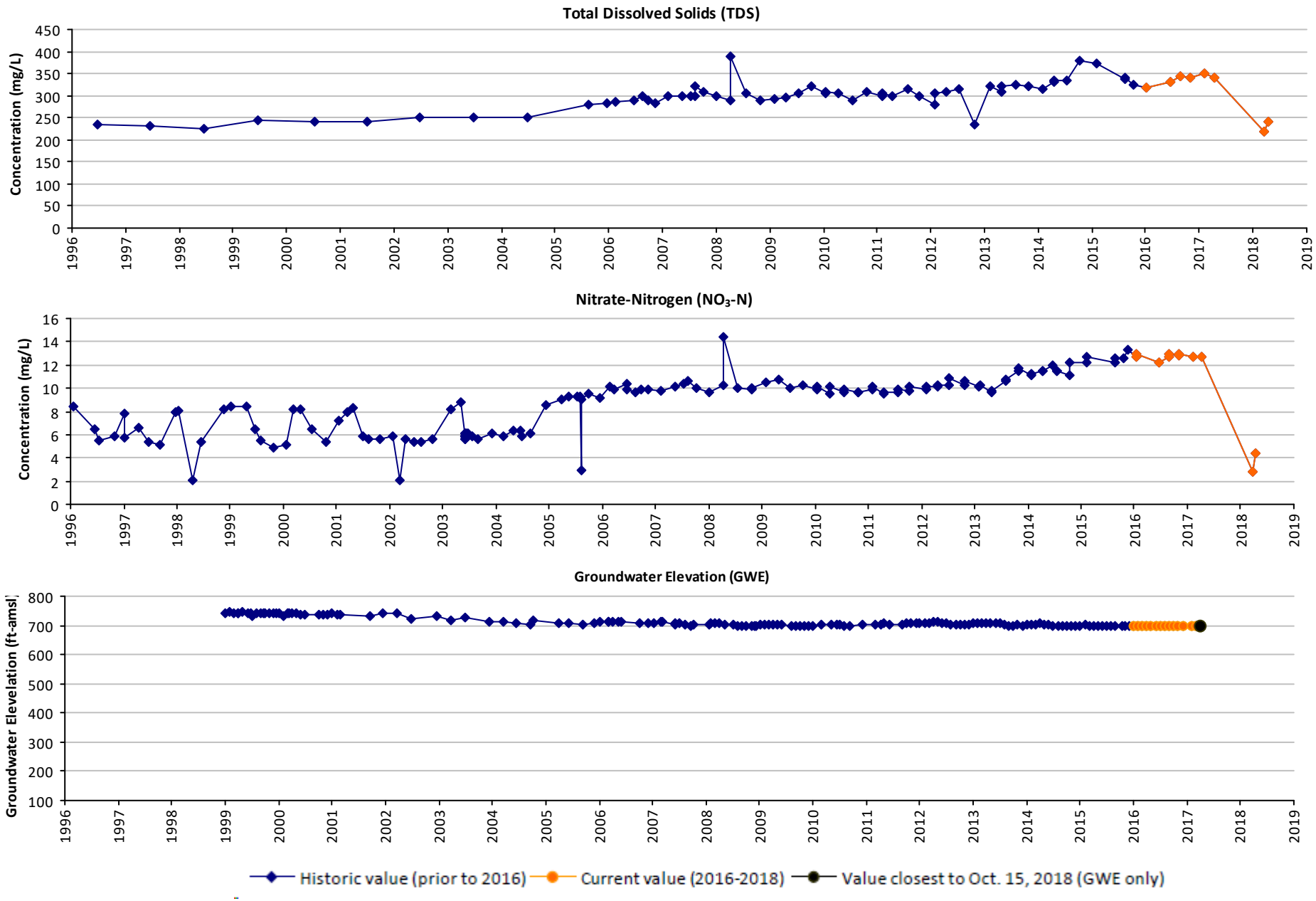
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Nitrate-Nitrogen (NO_3-N)
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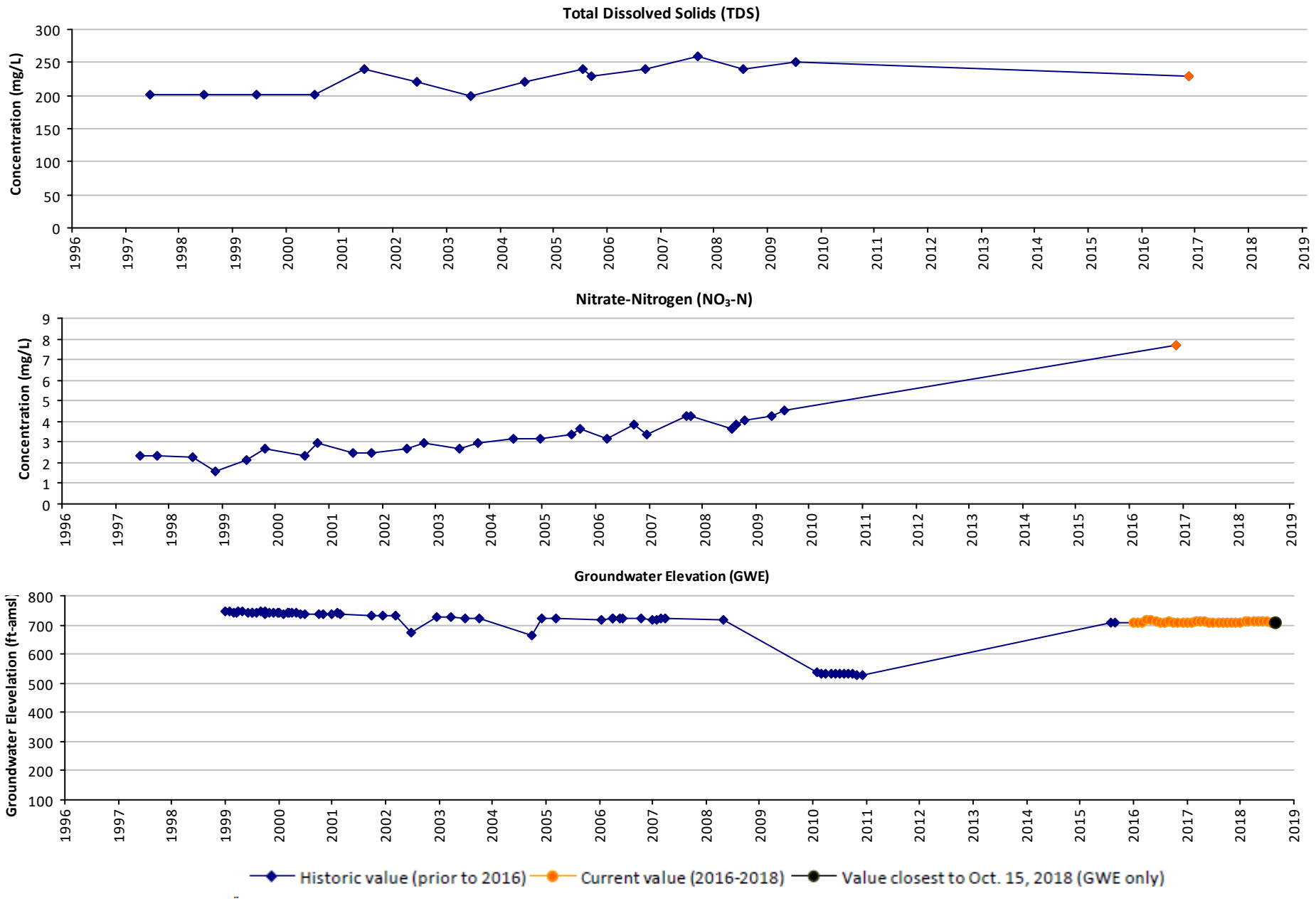
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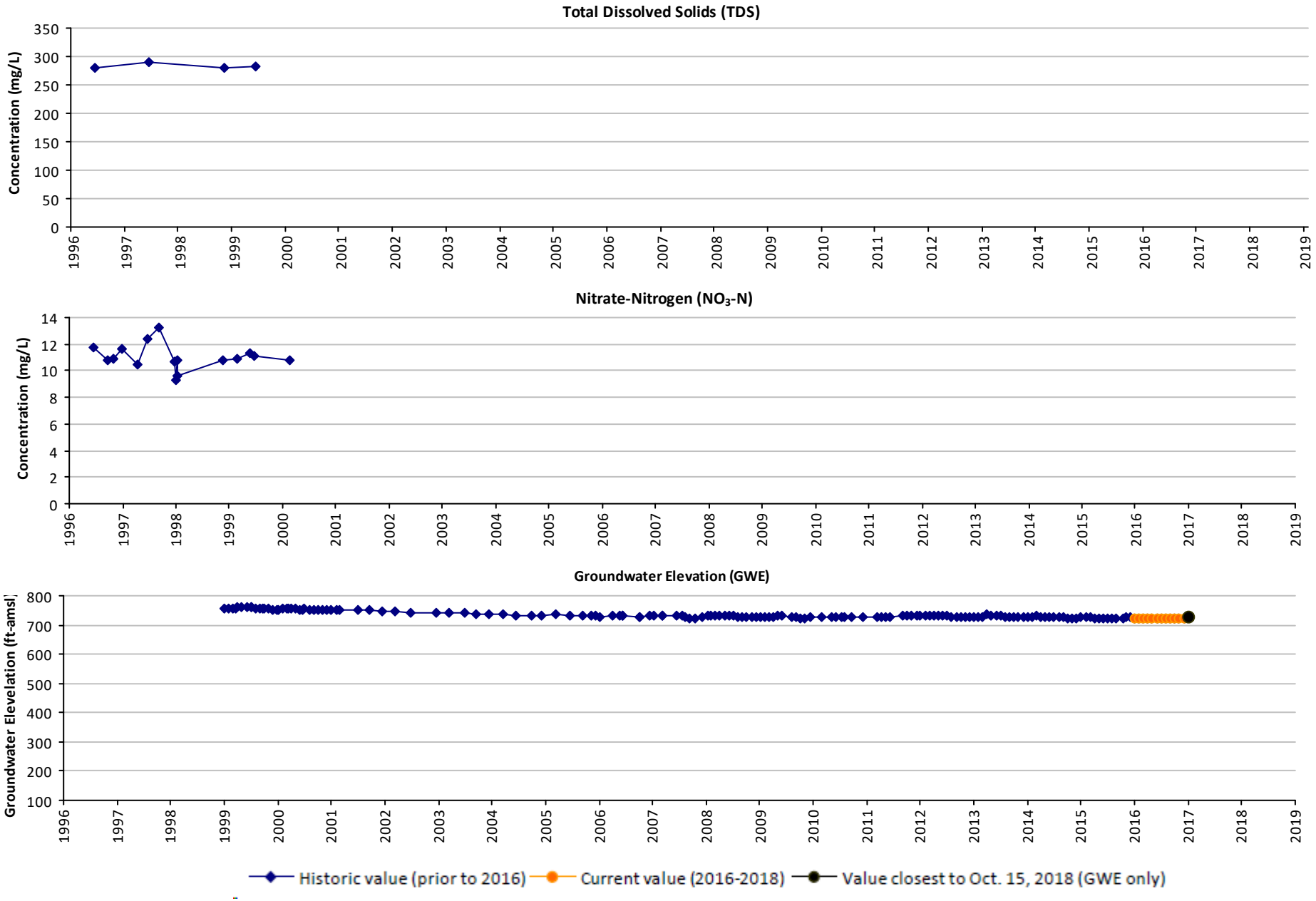
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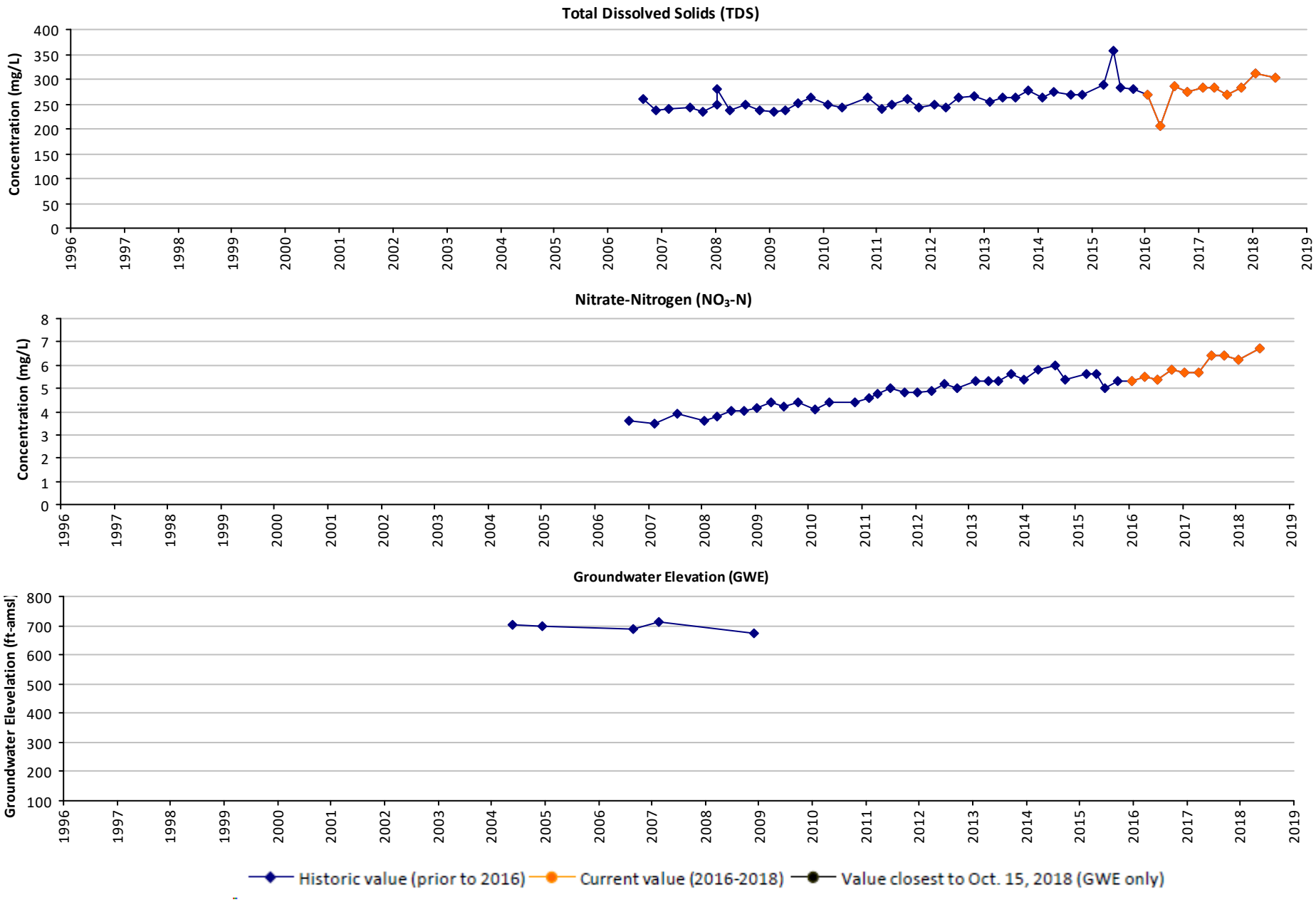
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Nitrate-Nitrogen (NO_3-N)
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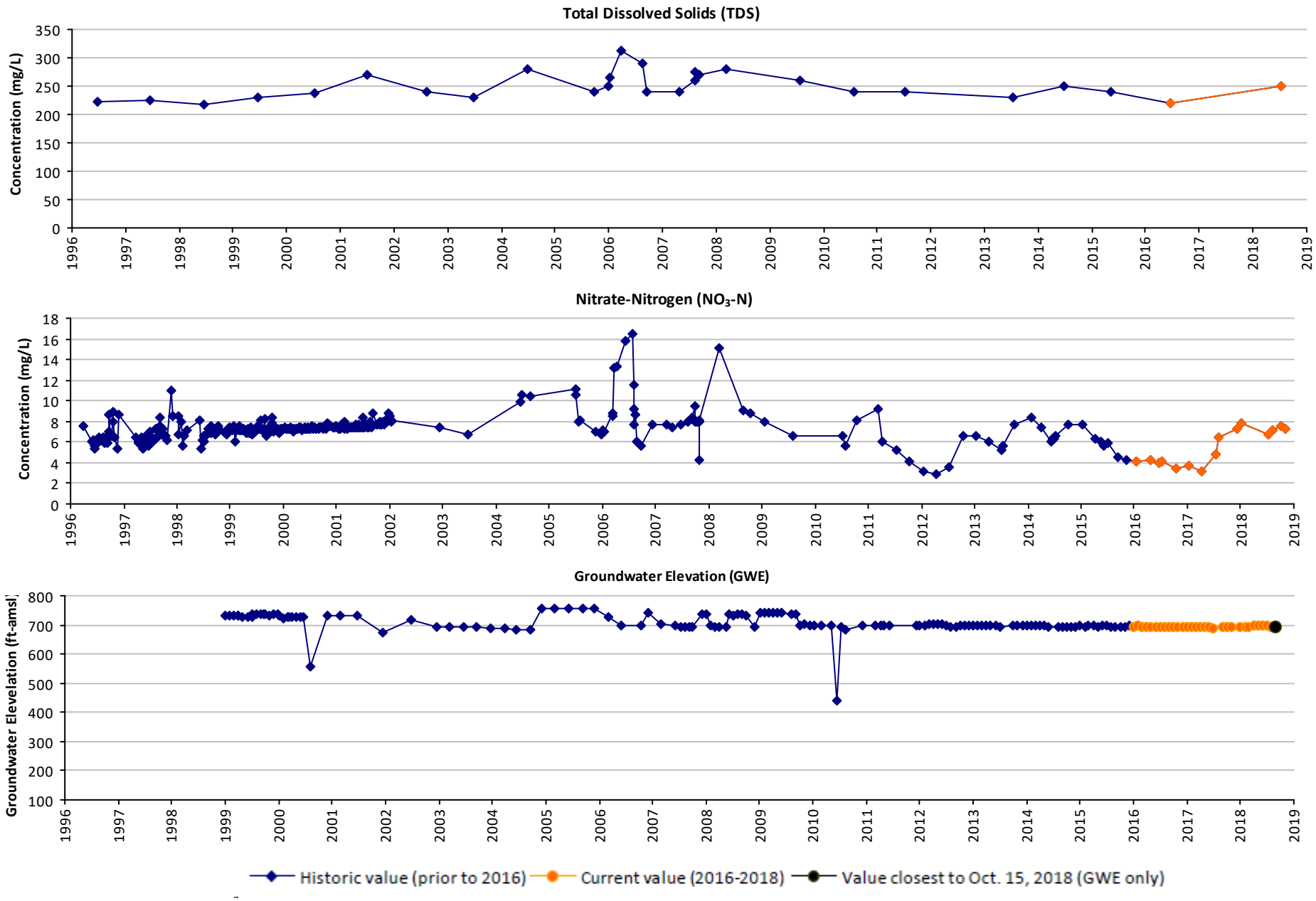
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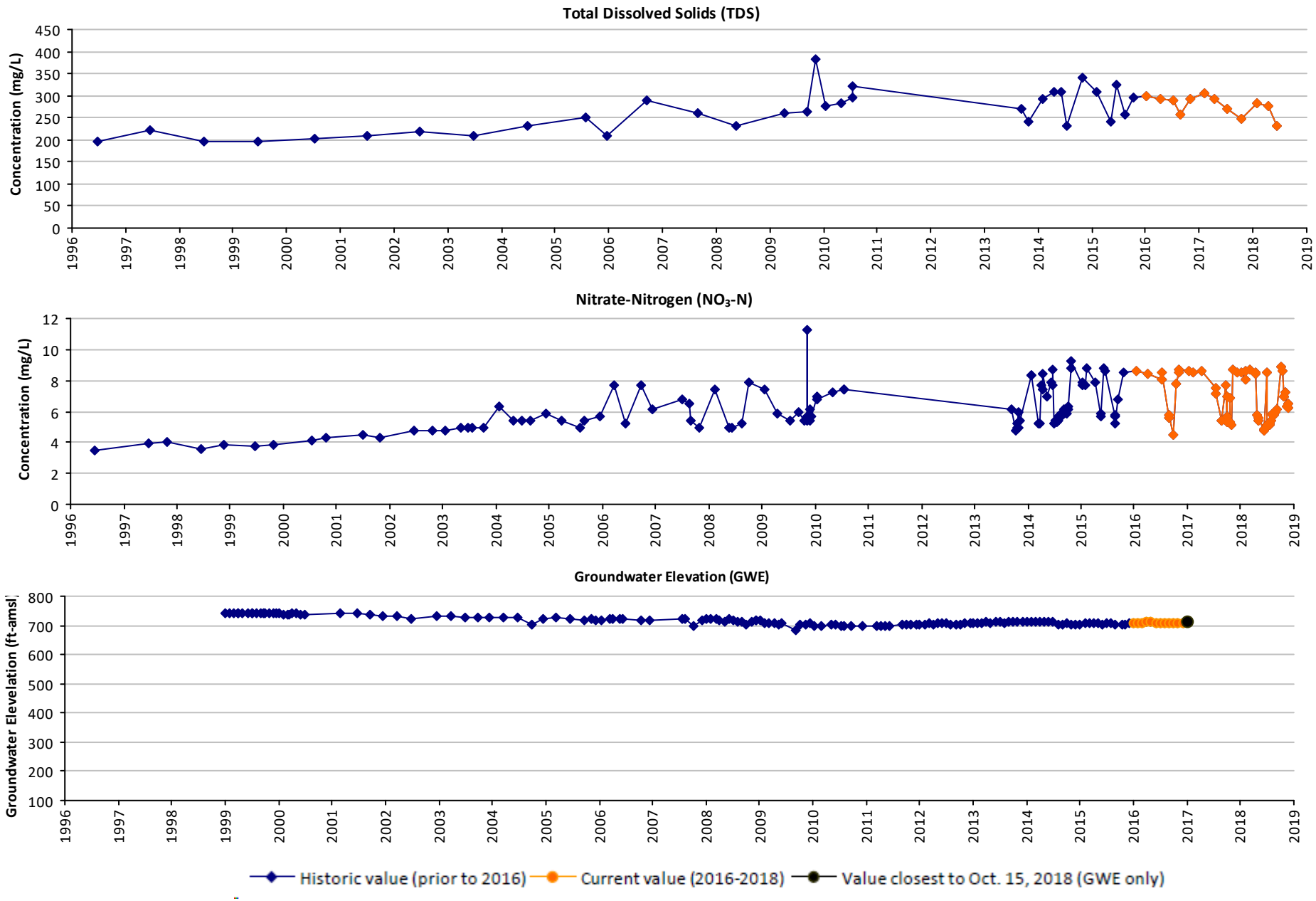
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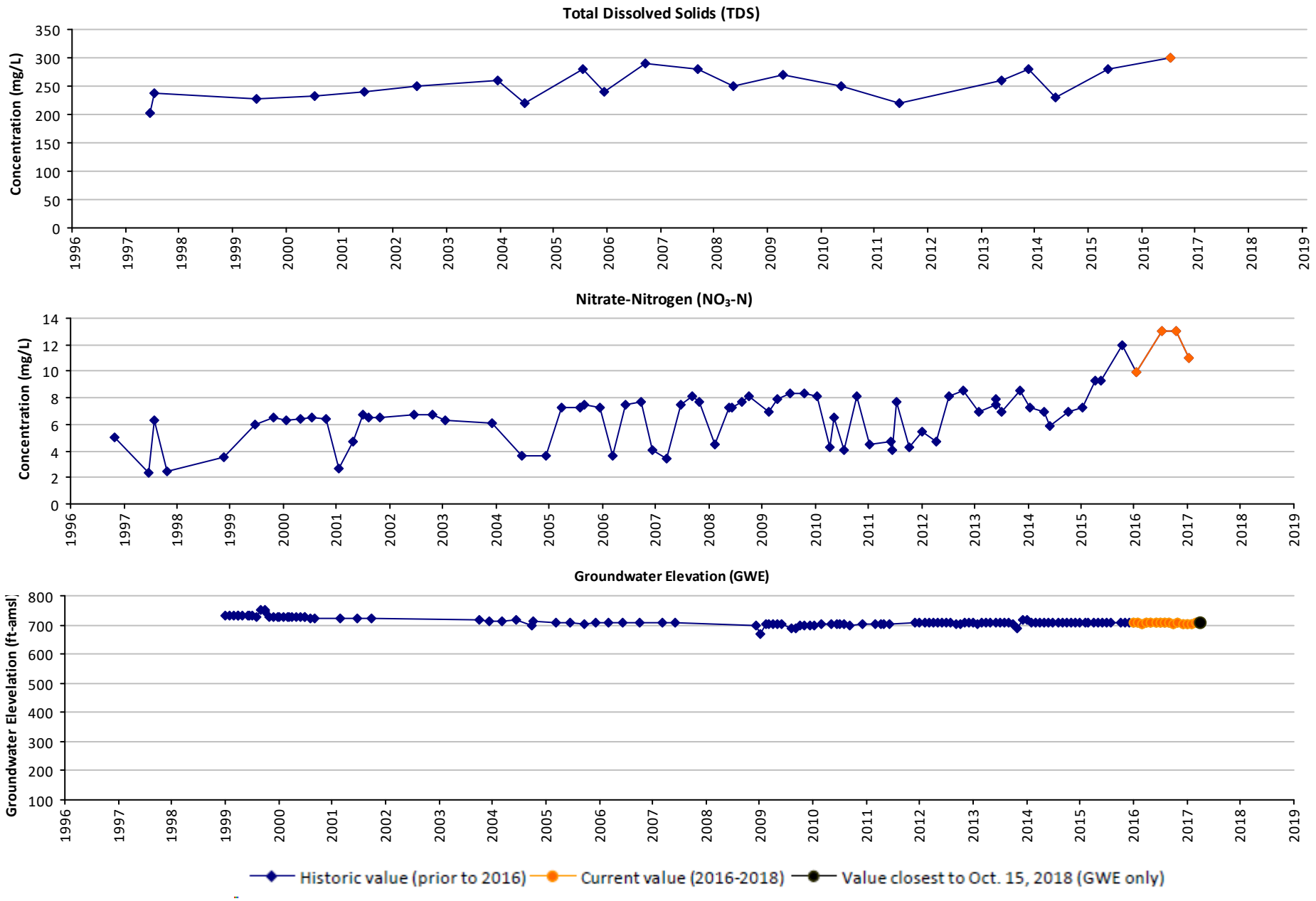
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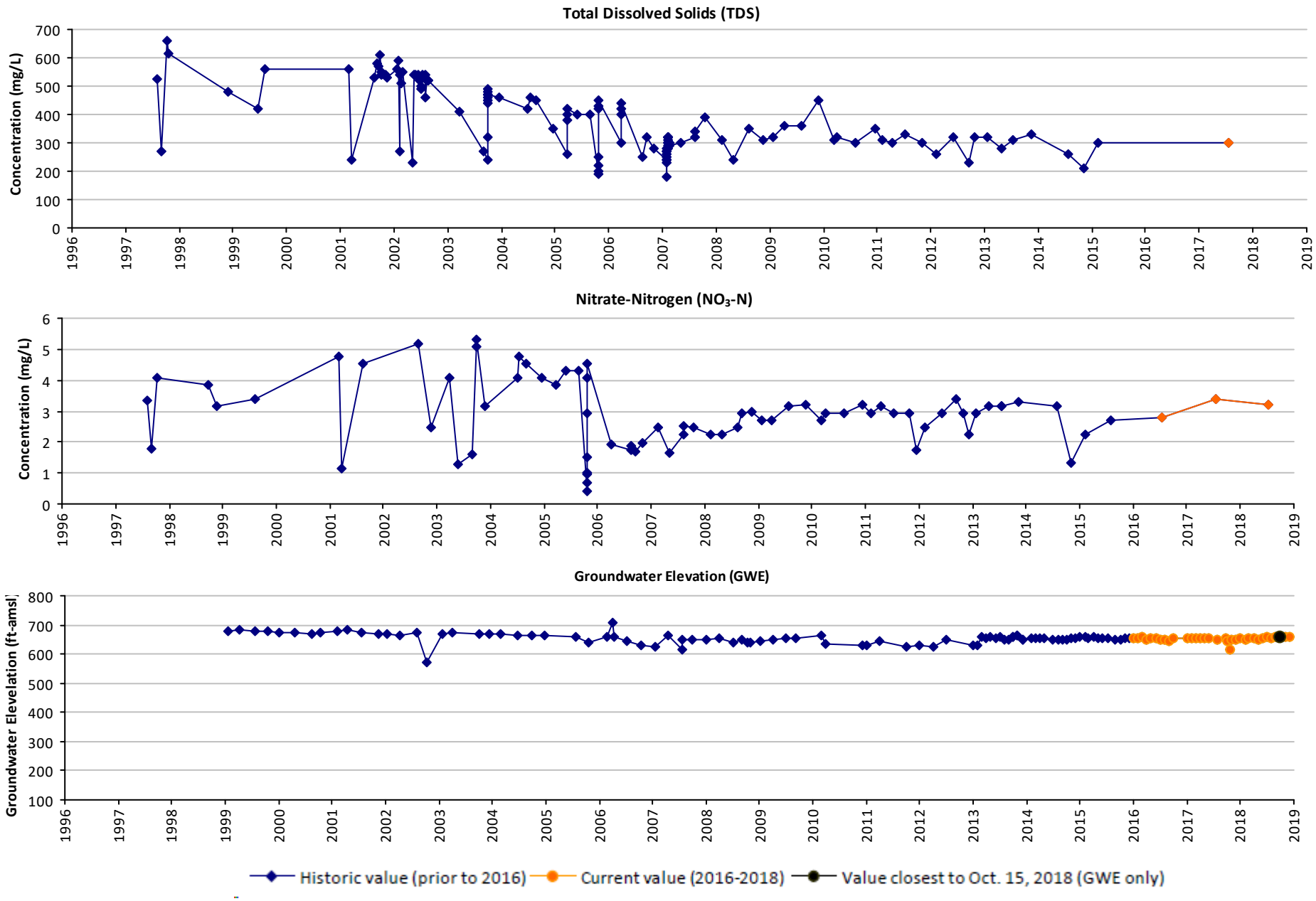
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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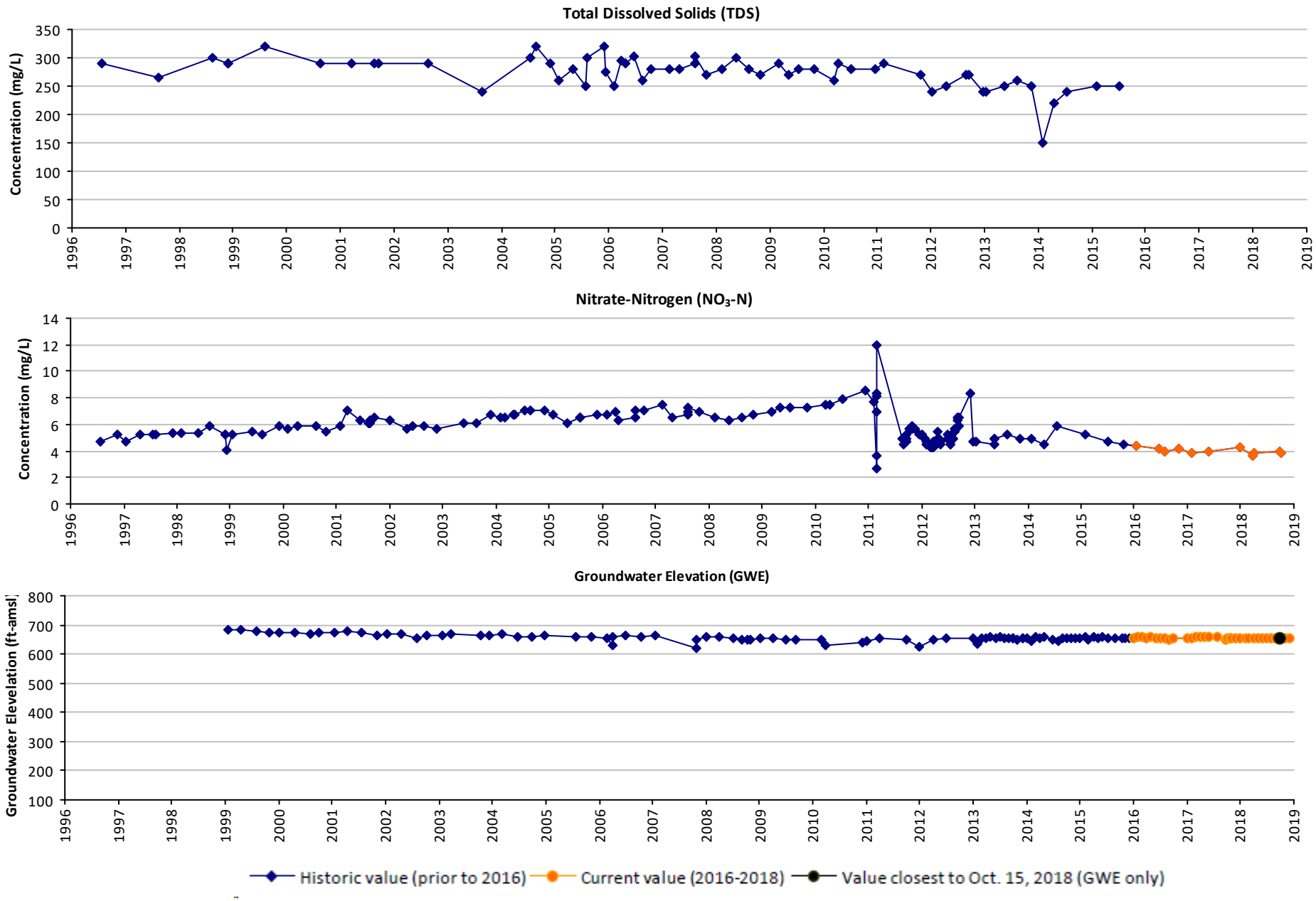
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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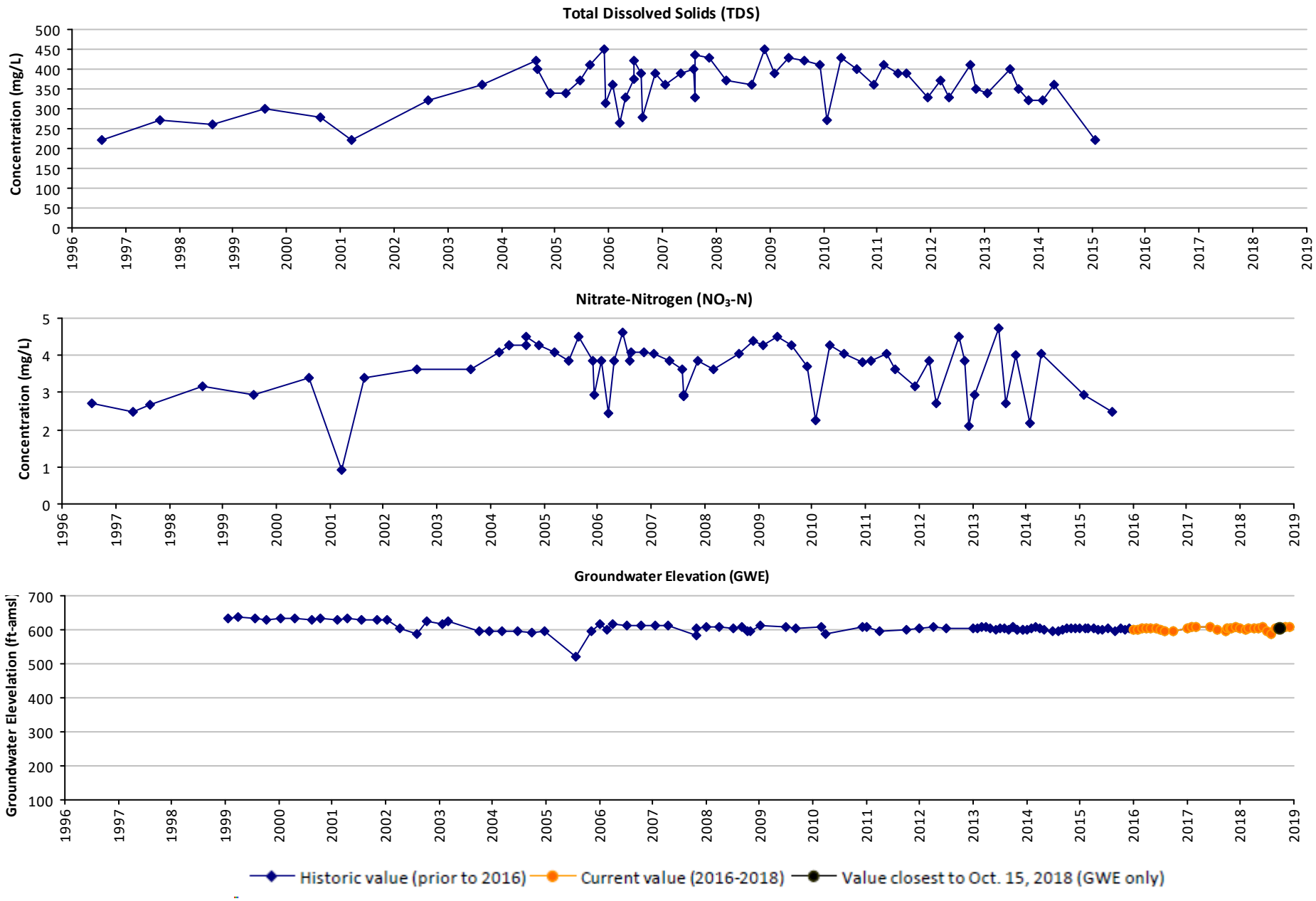
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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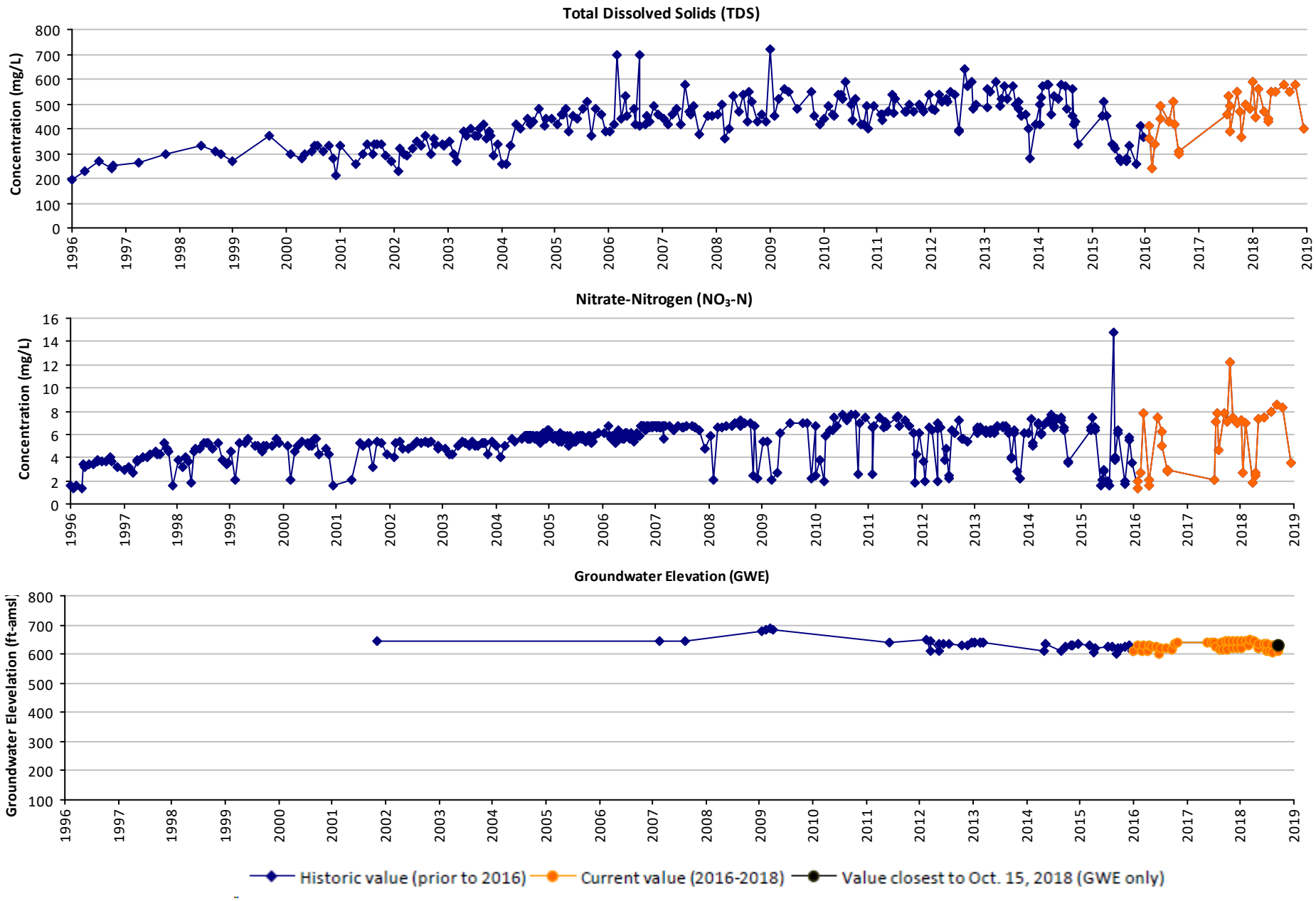
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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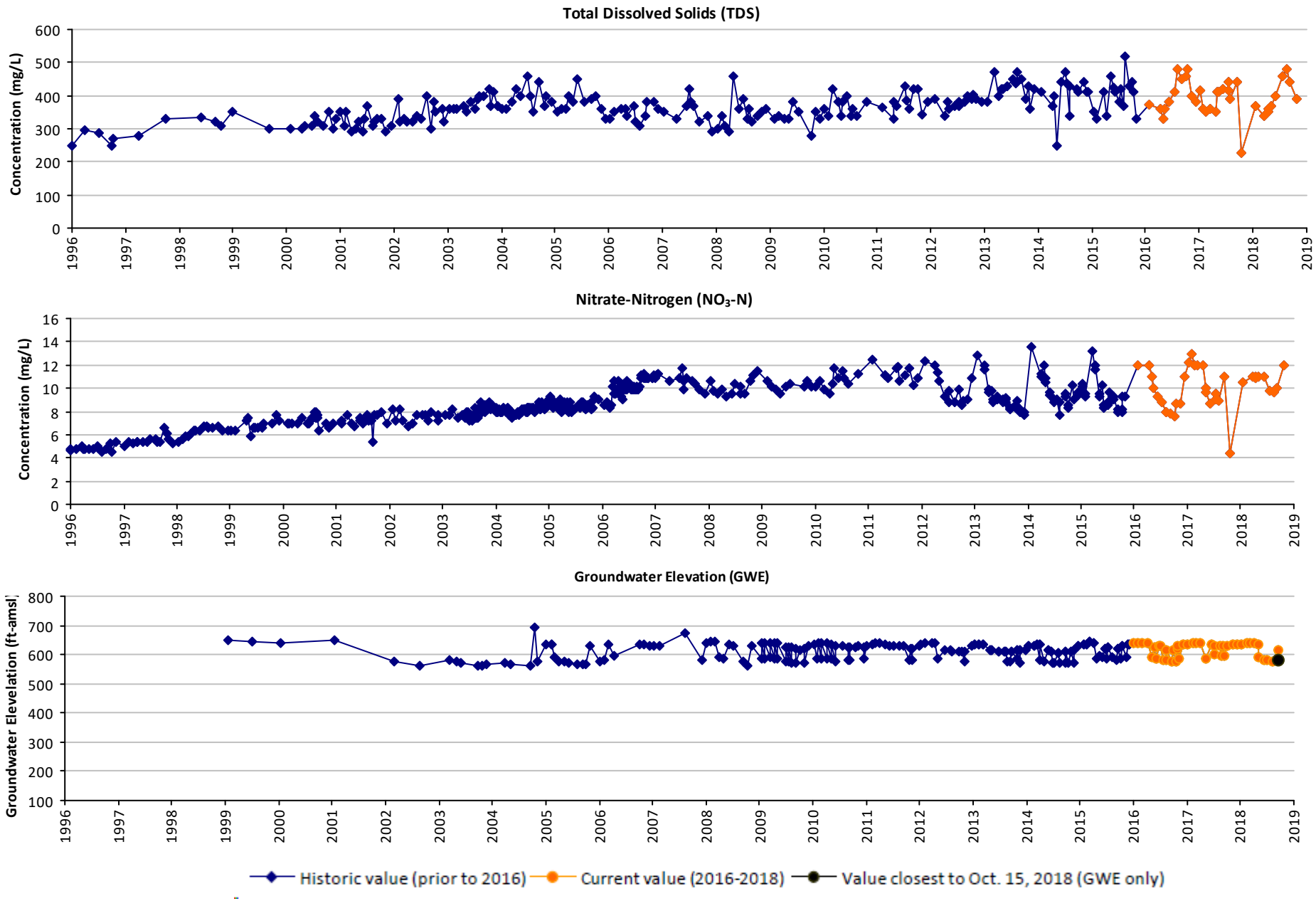
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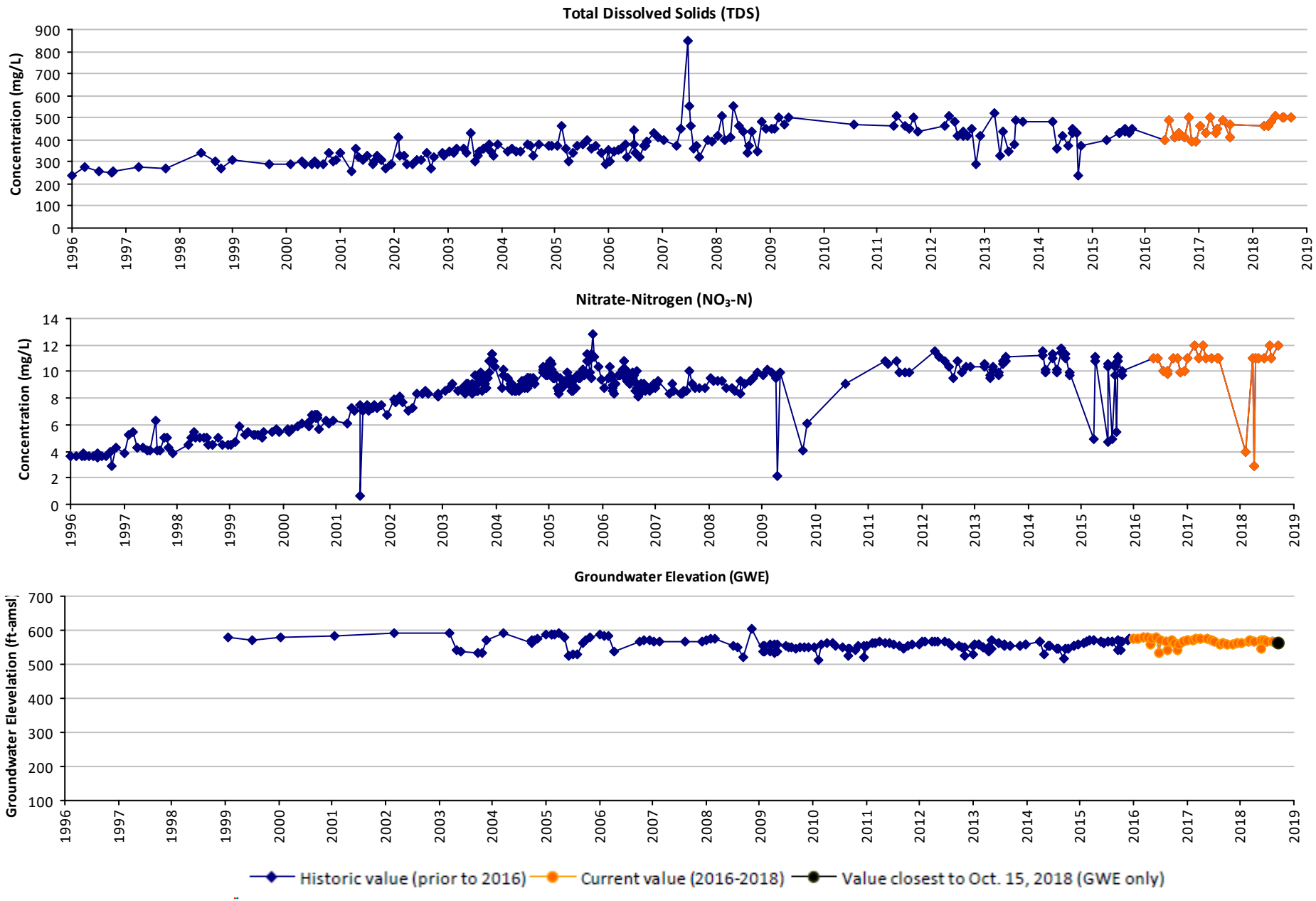
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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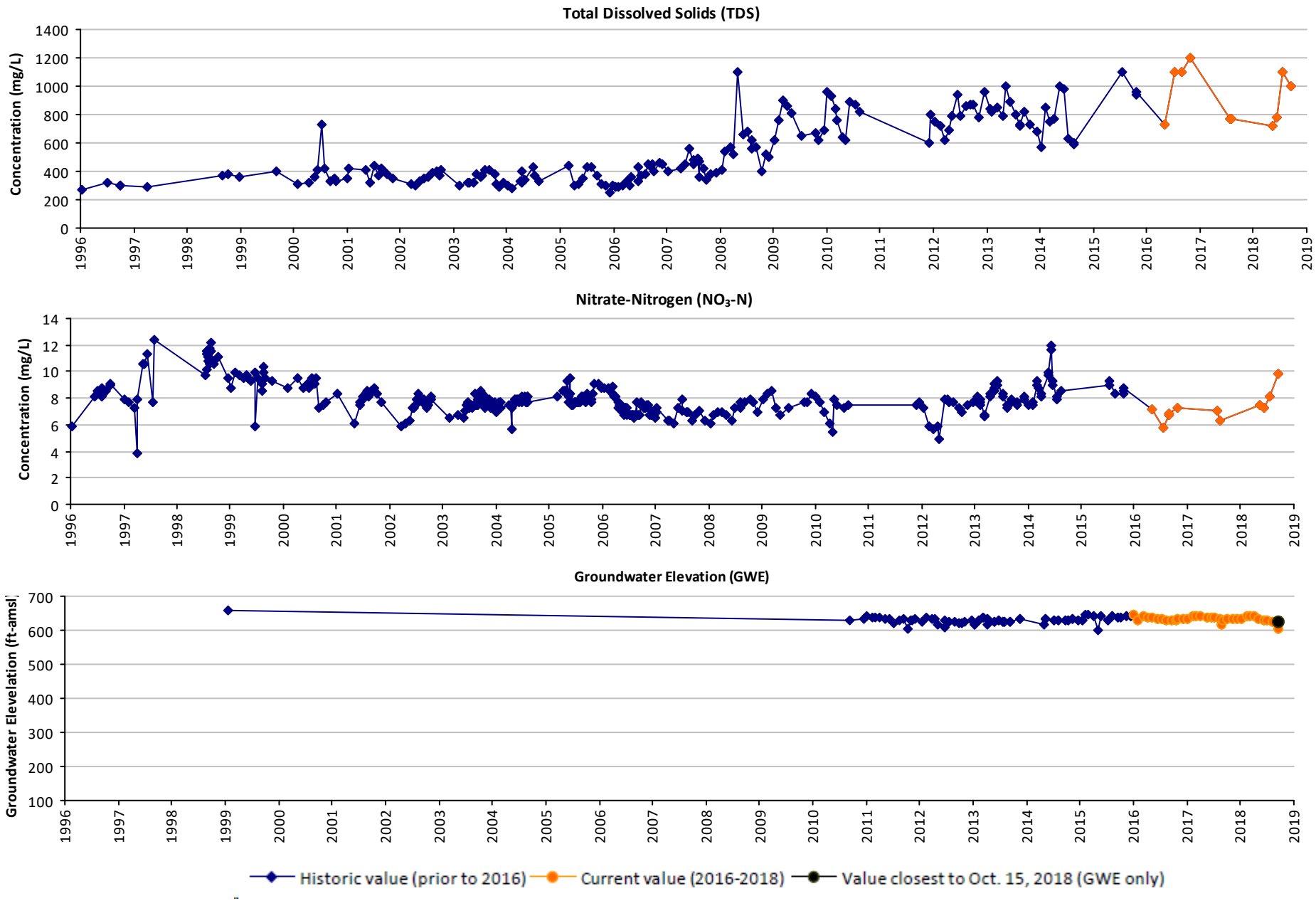
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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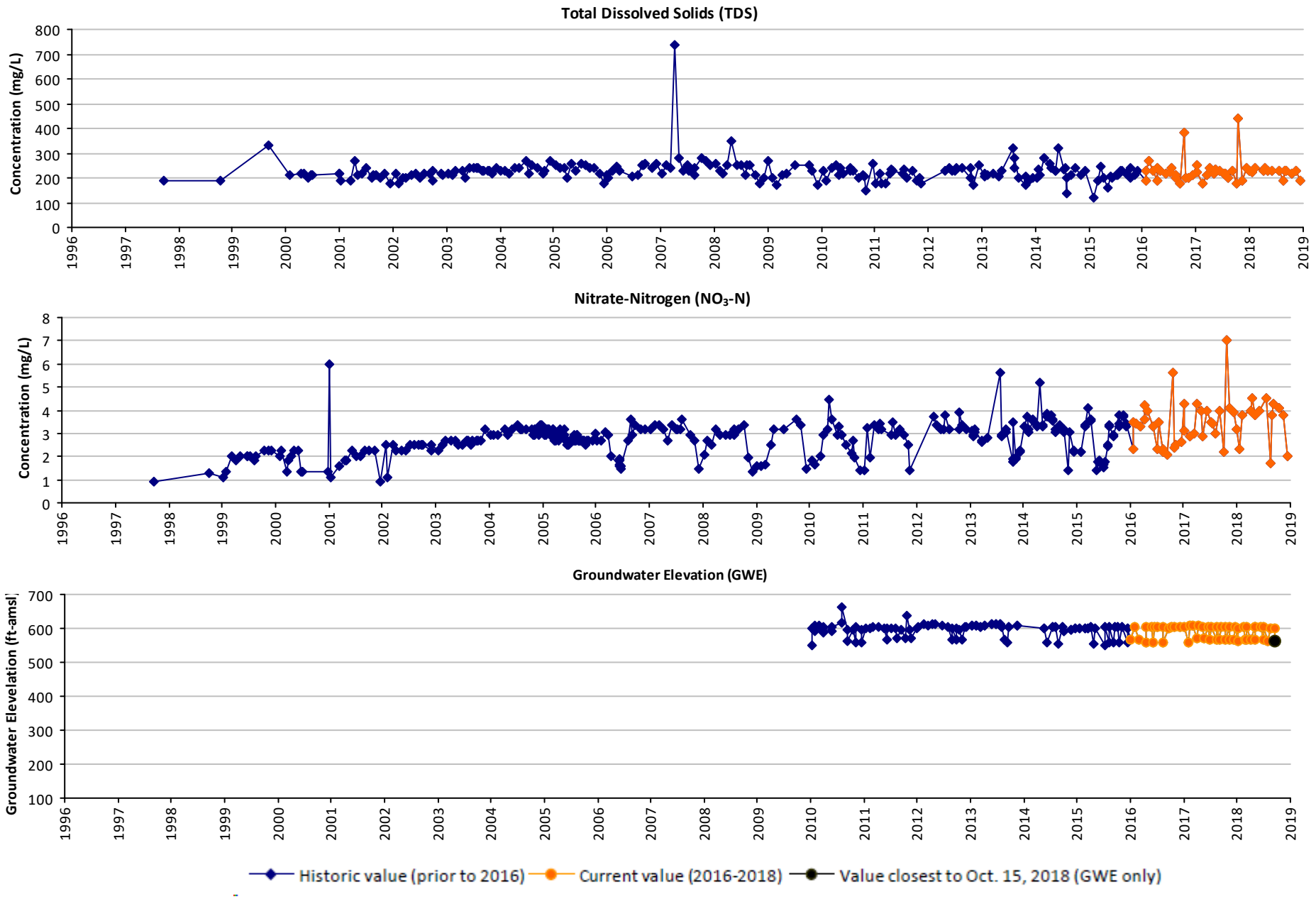
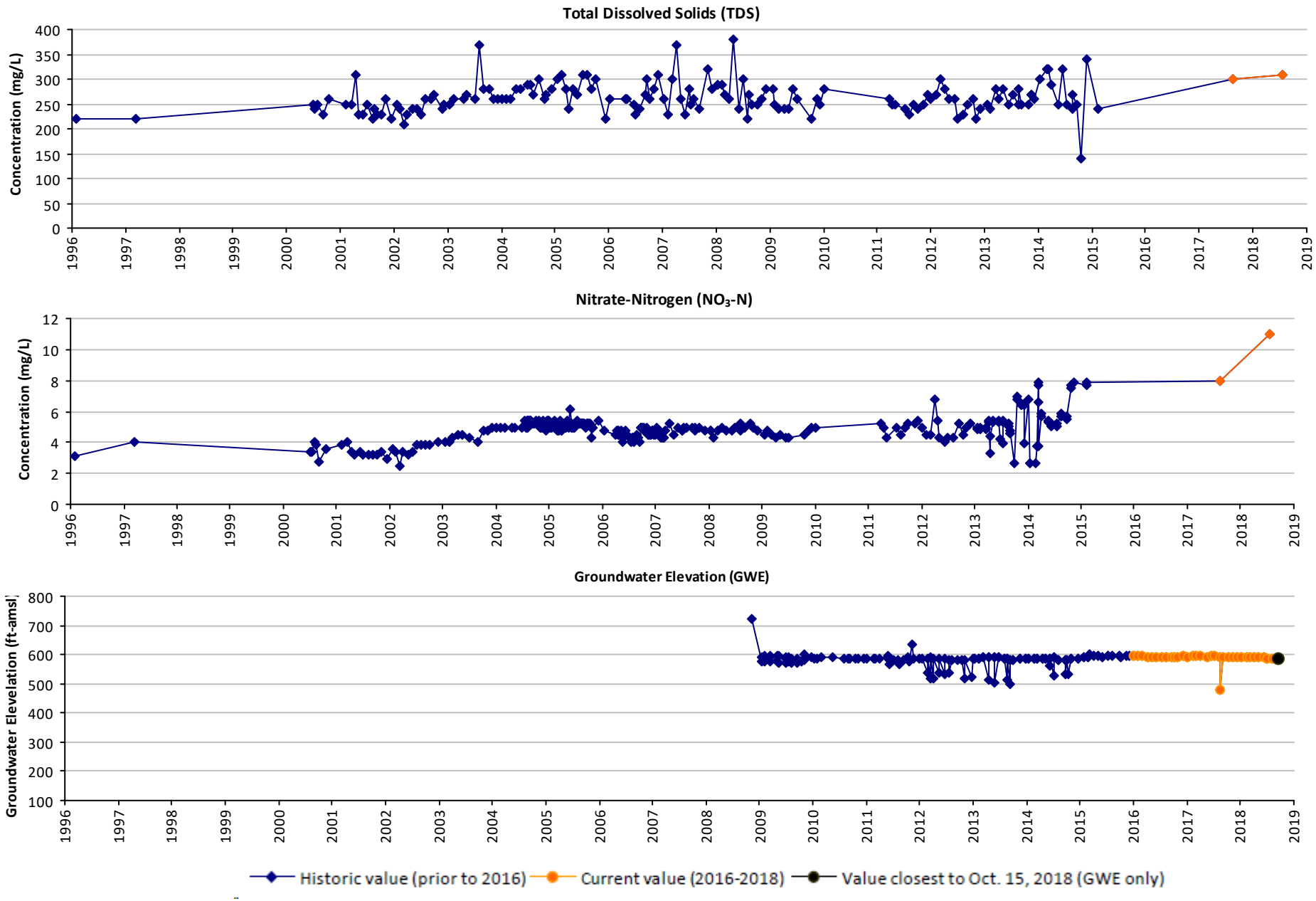
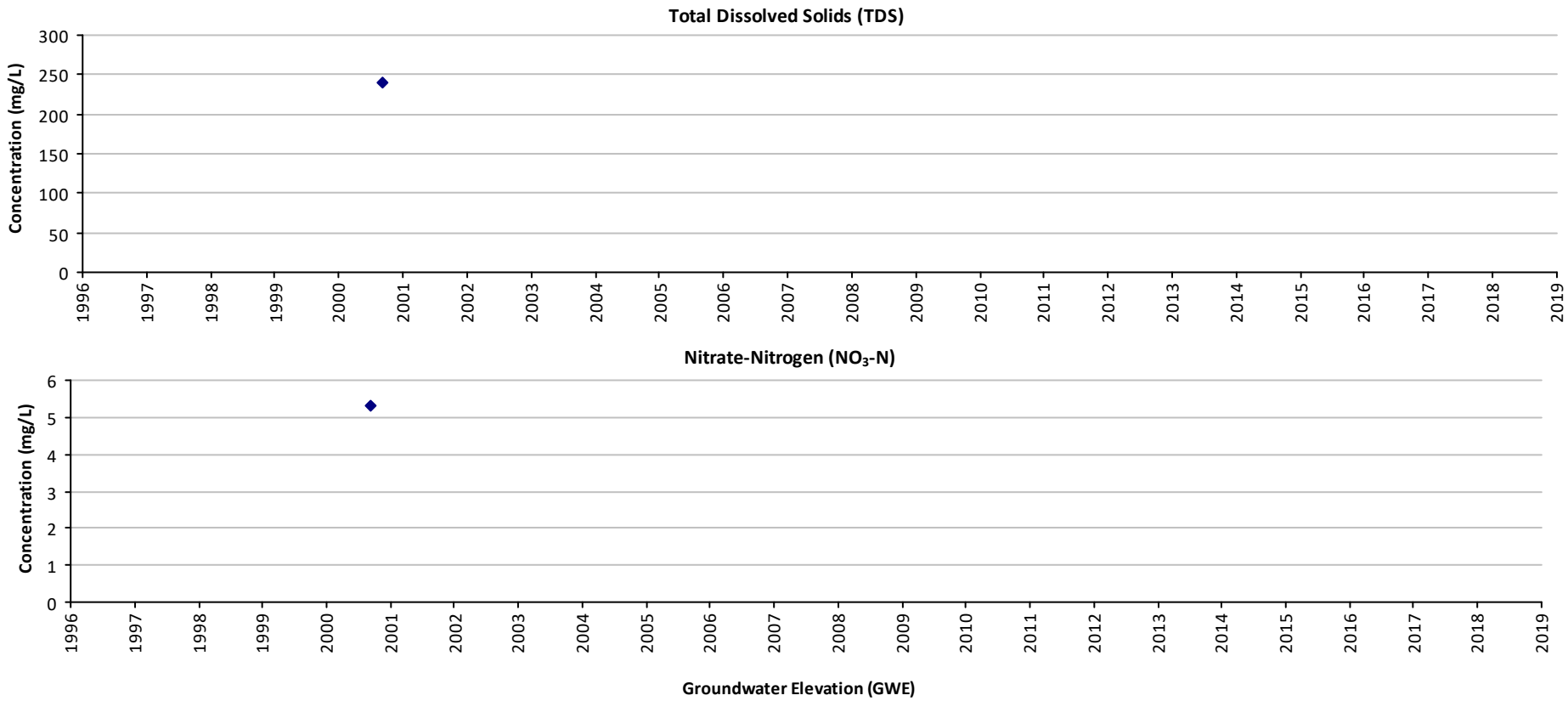
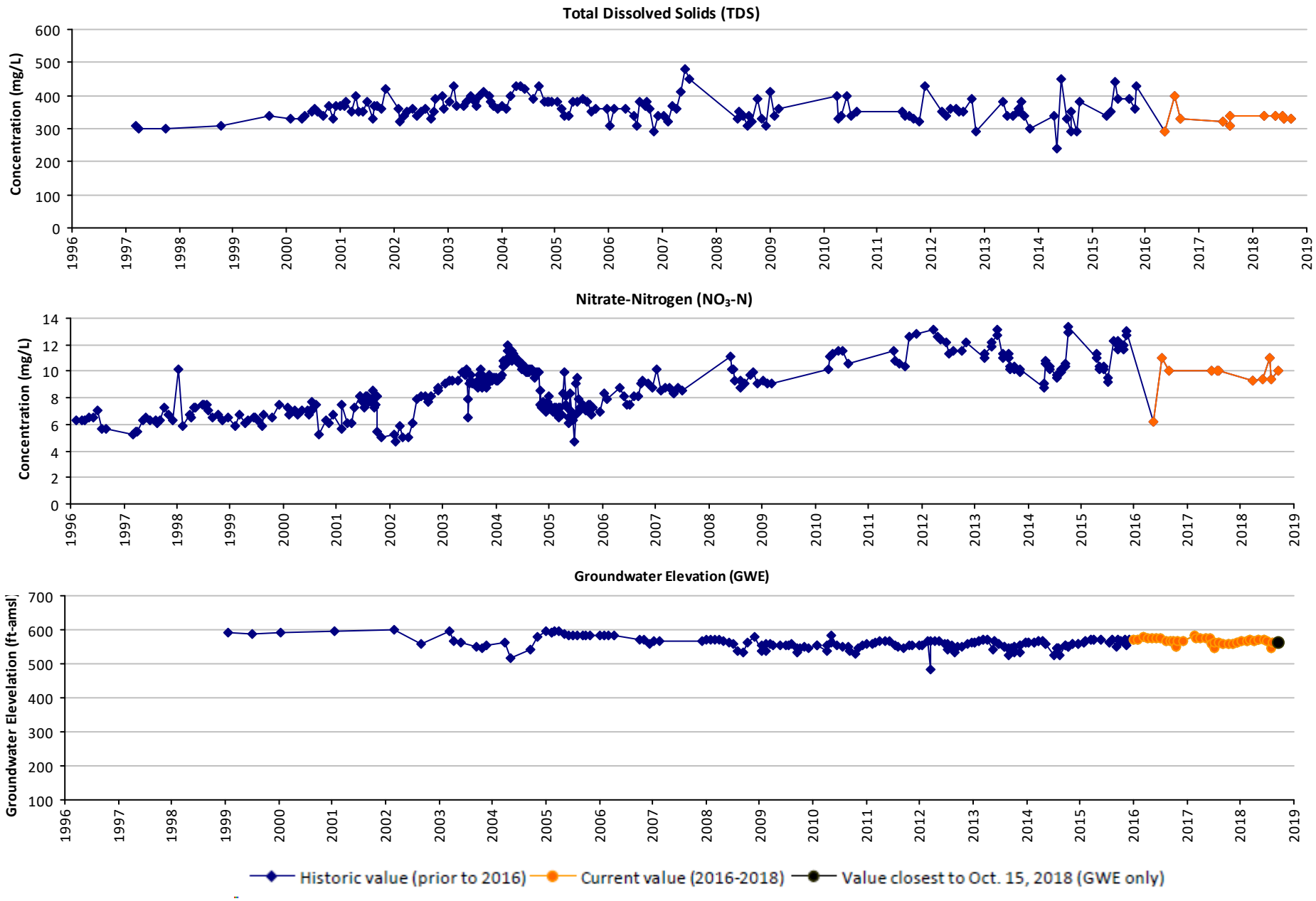
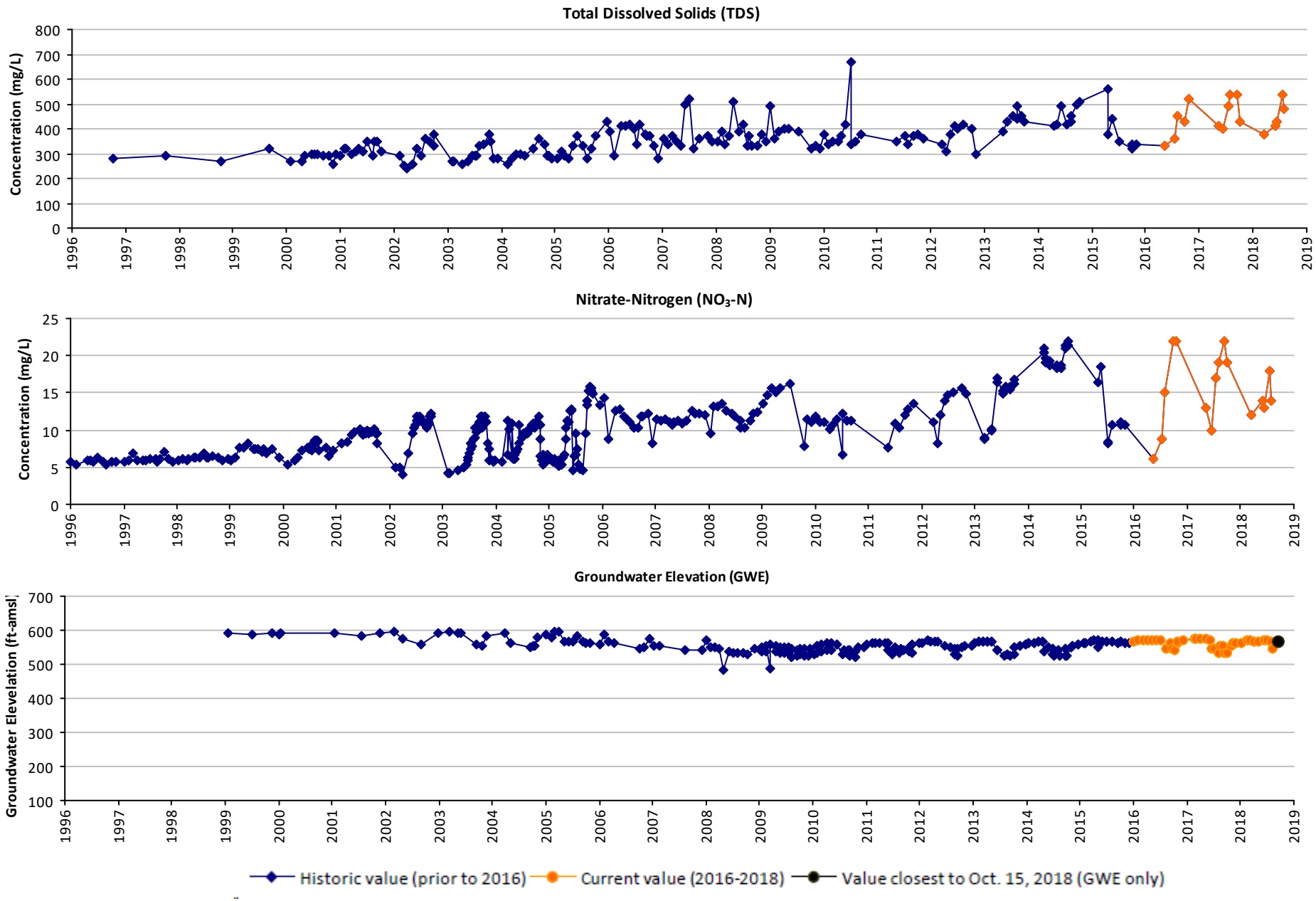

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

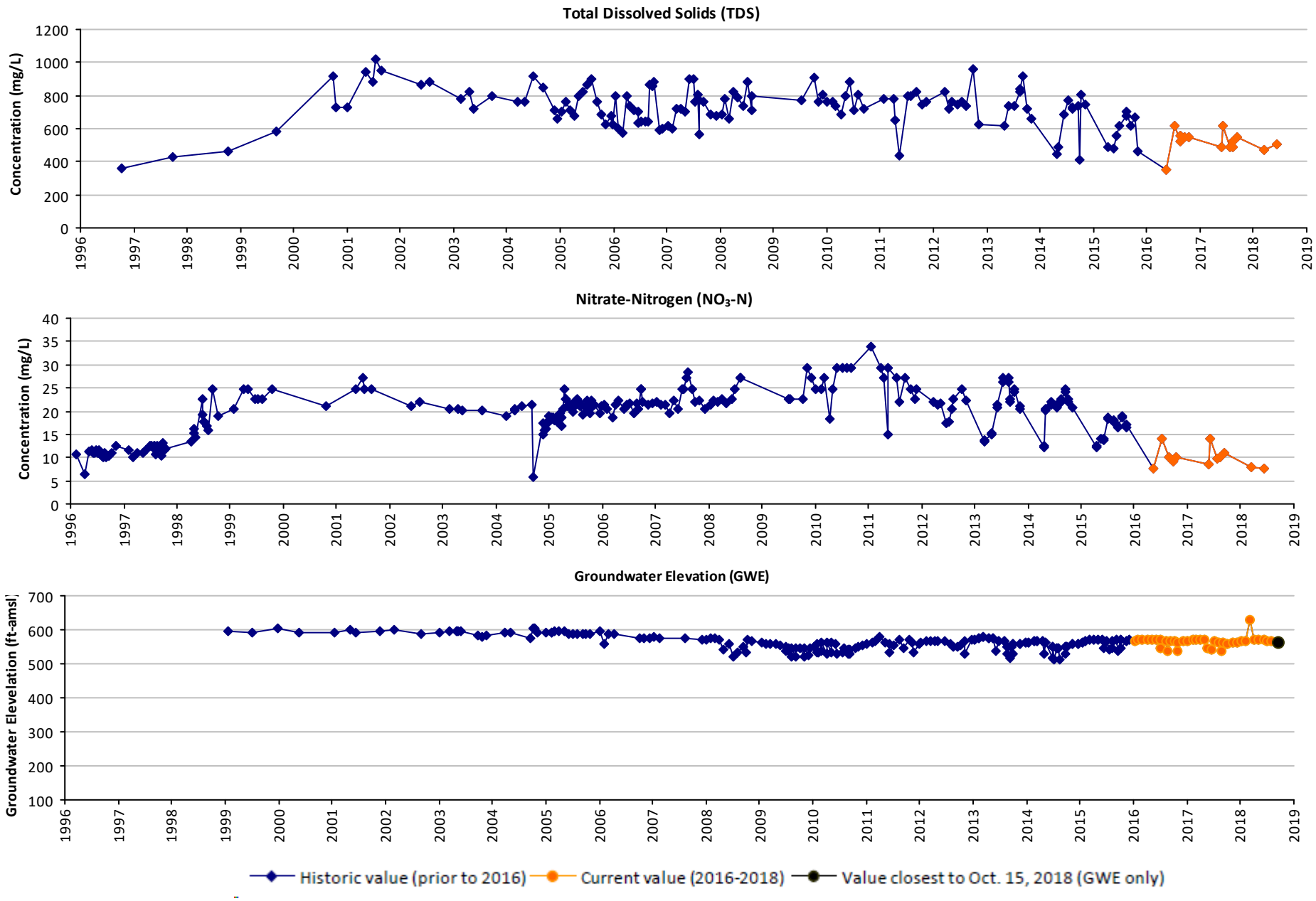

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

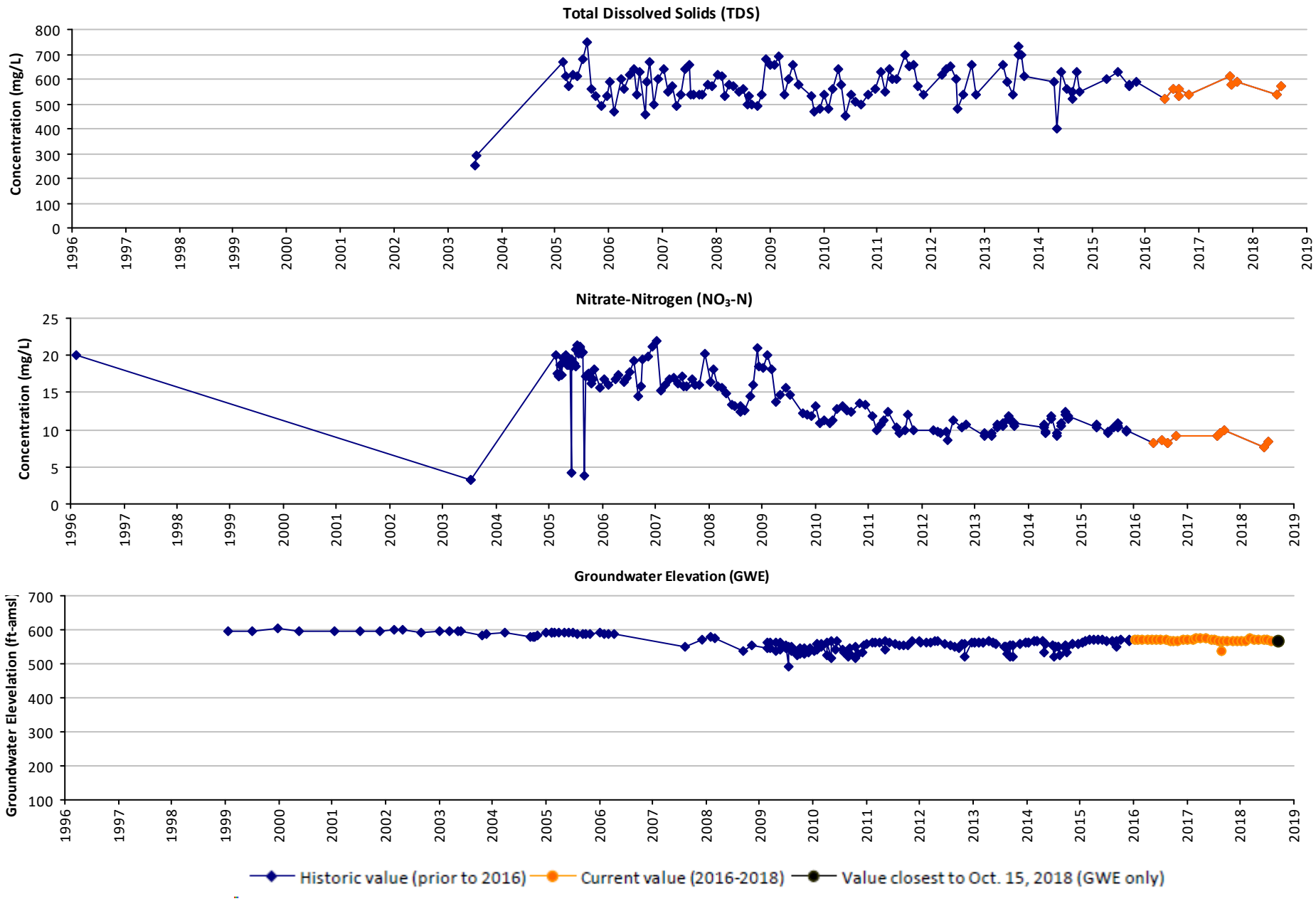
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

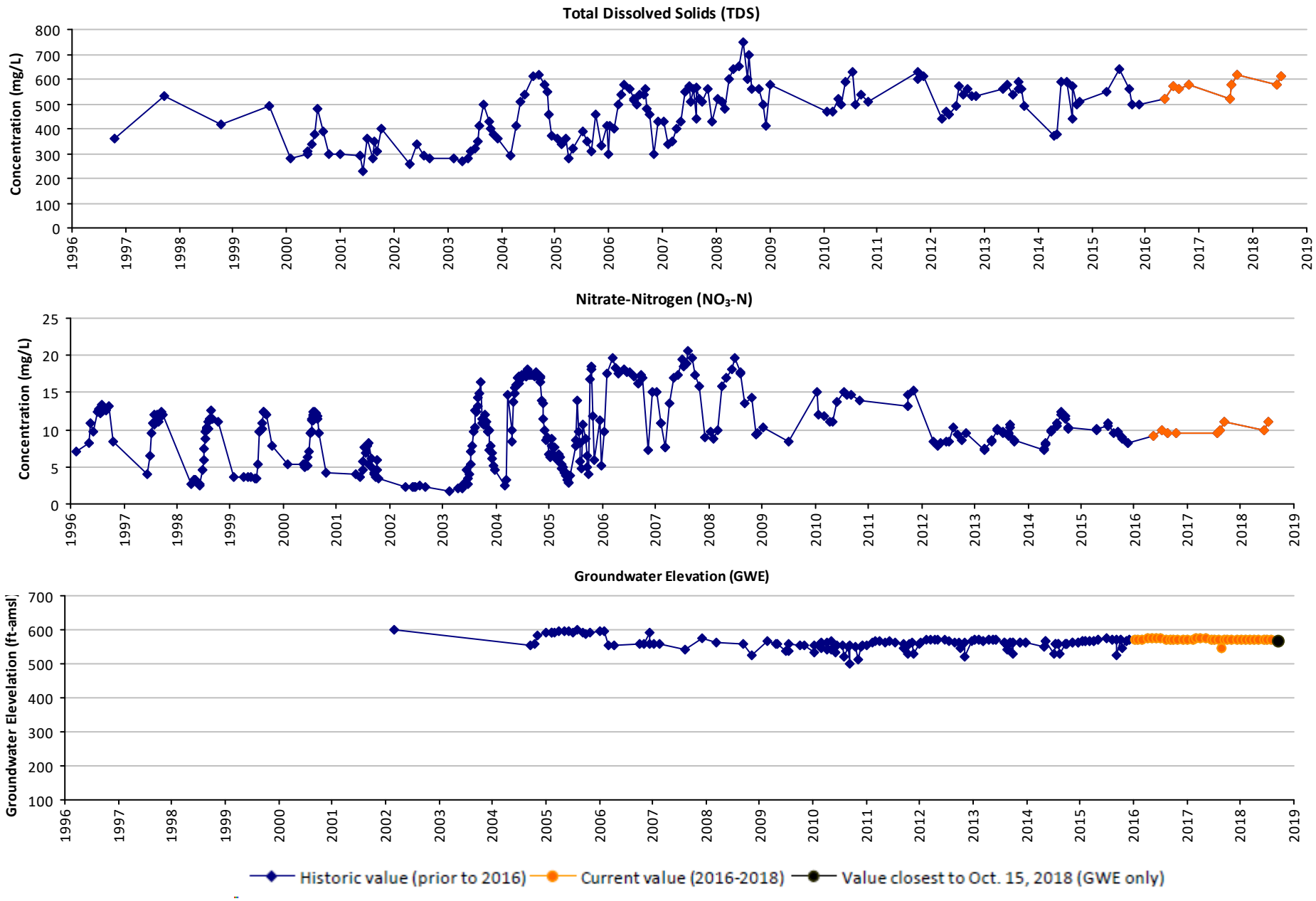

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

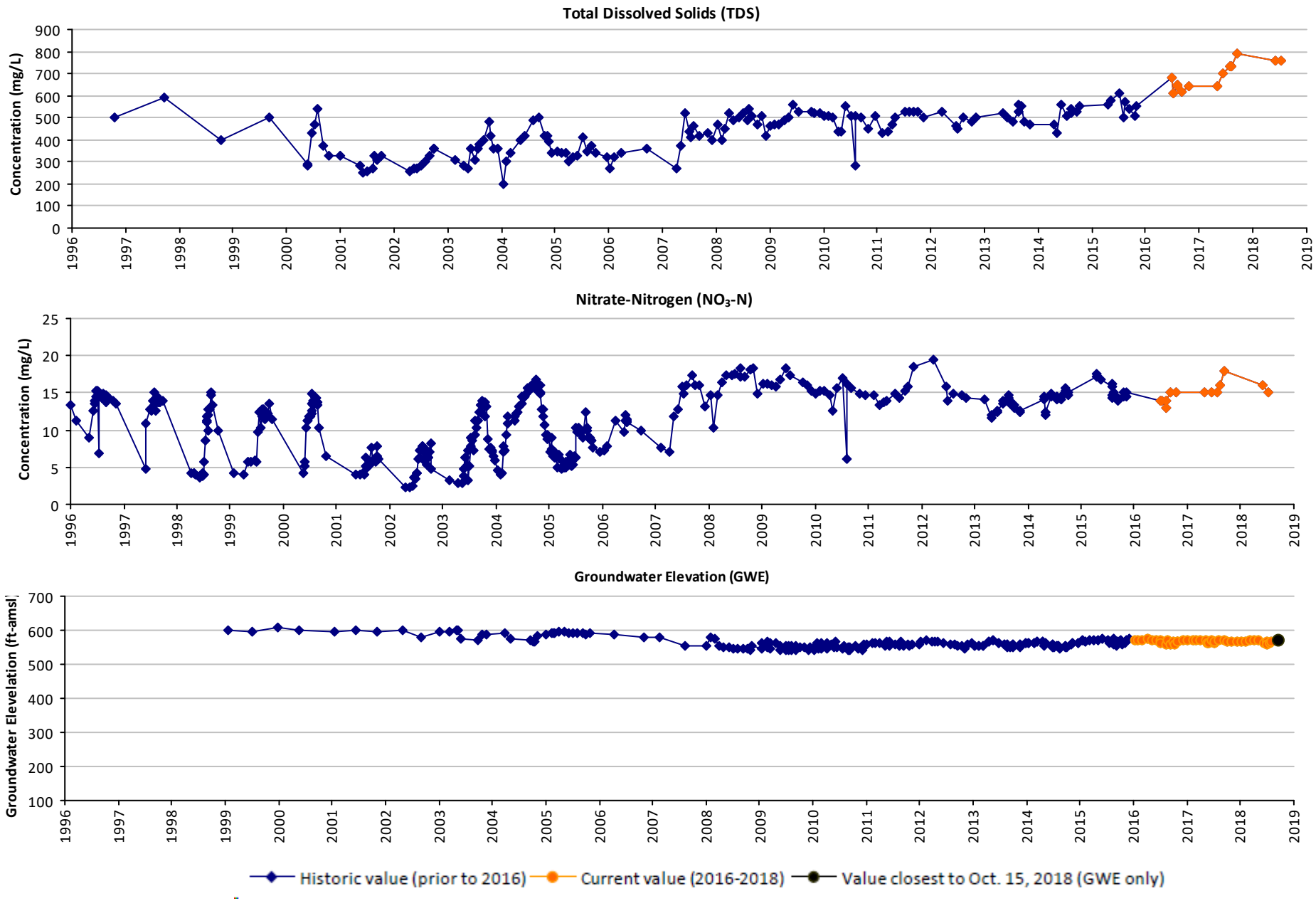

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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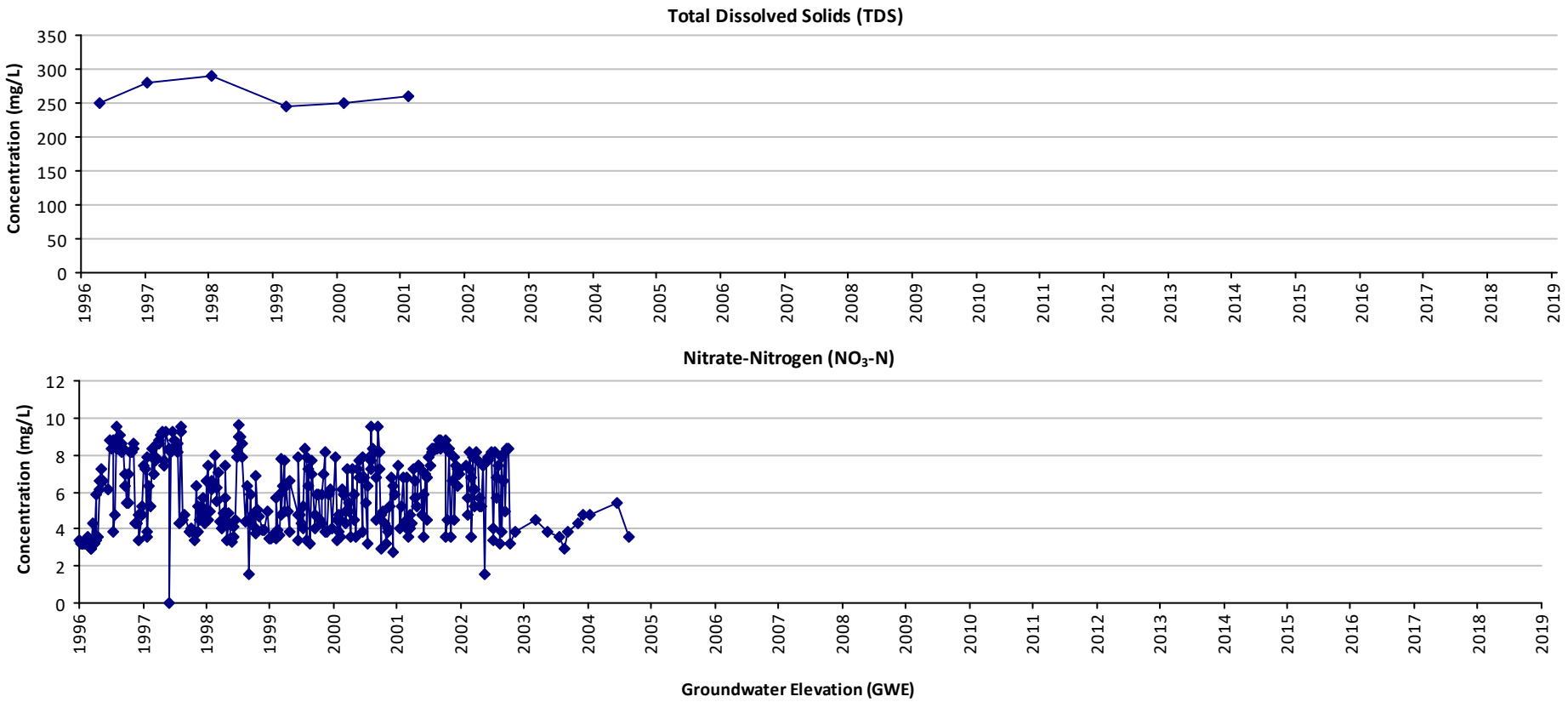
Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
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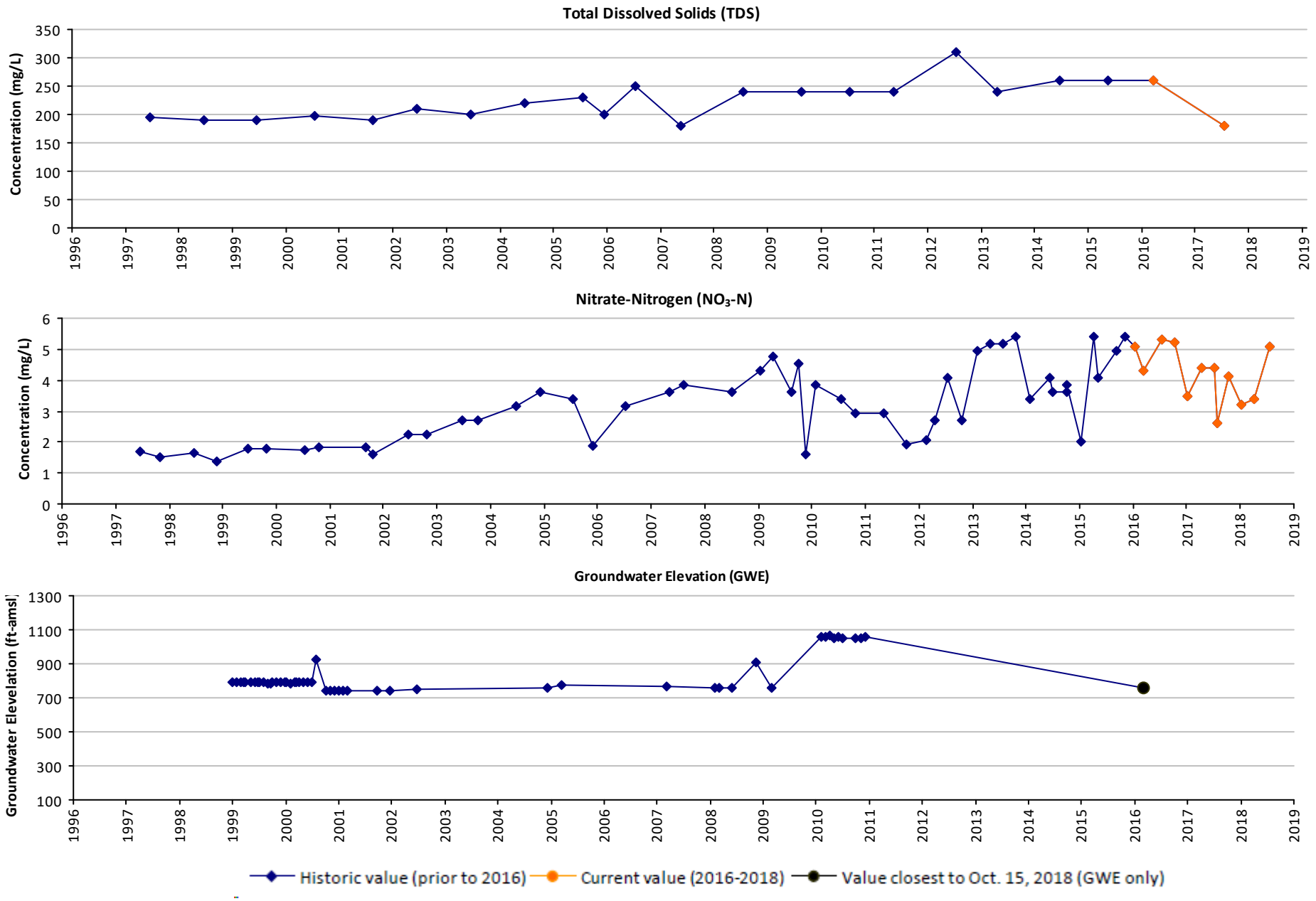
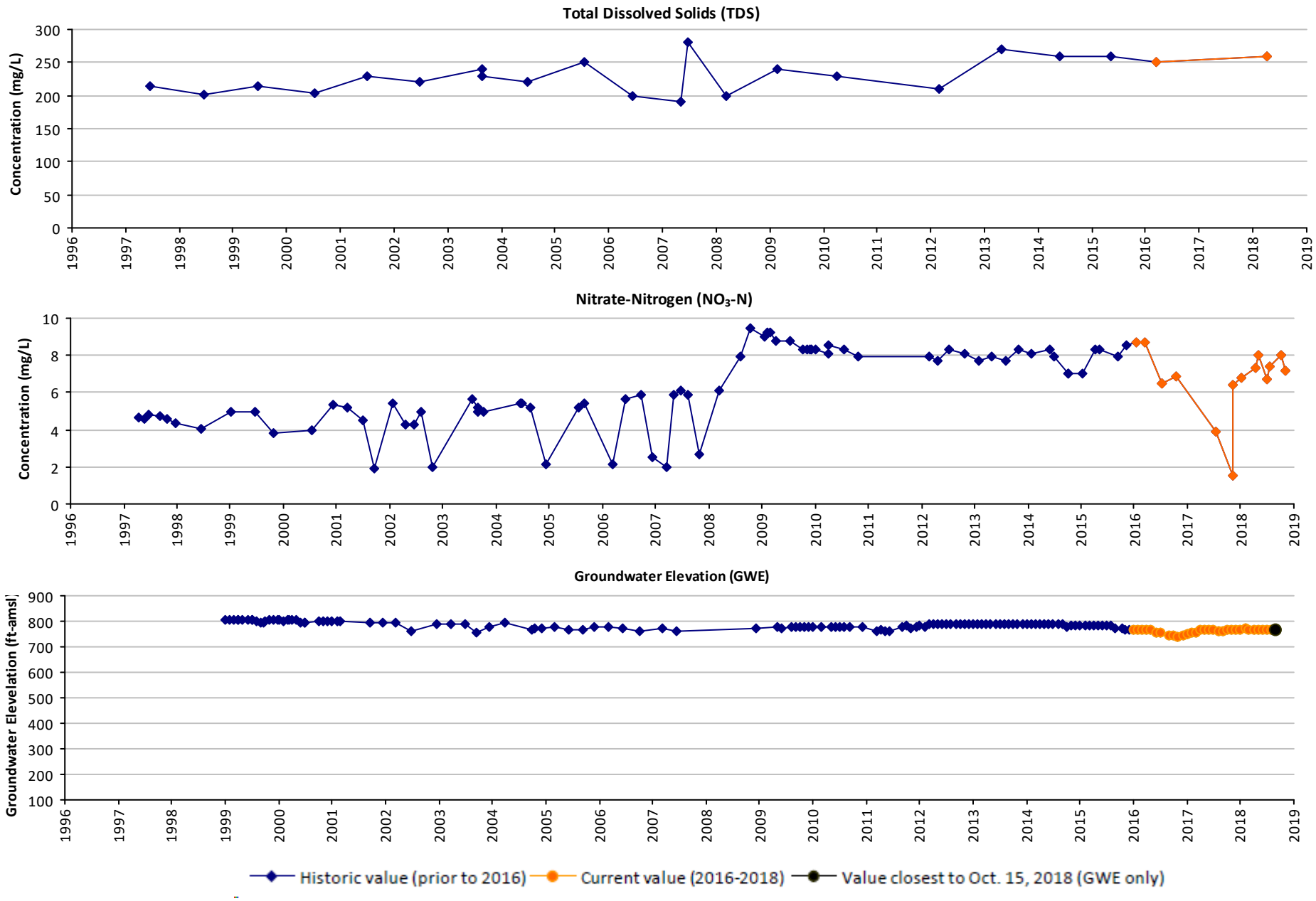
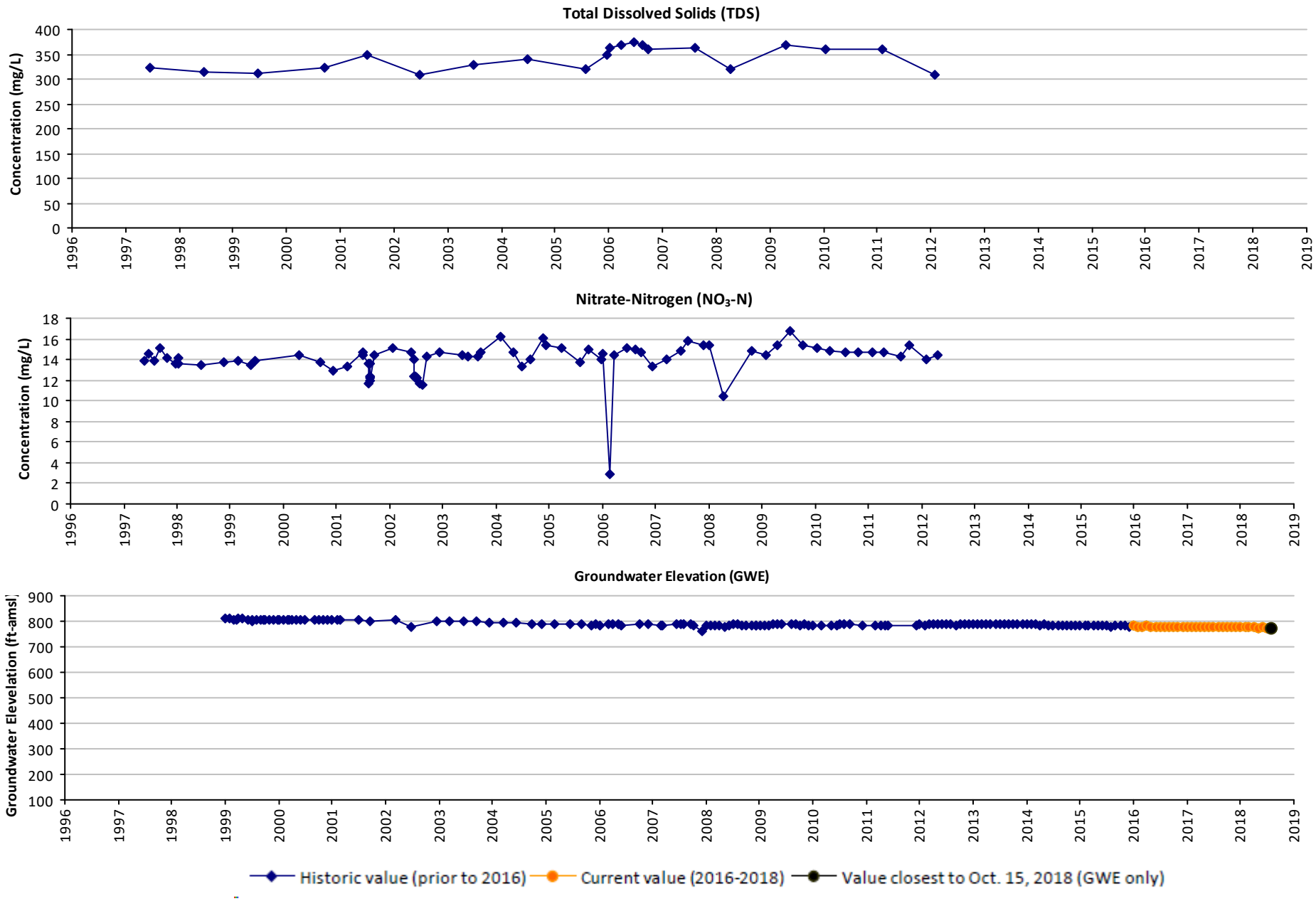
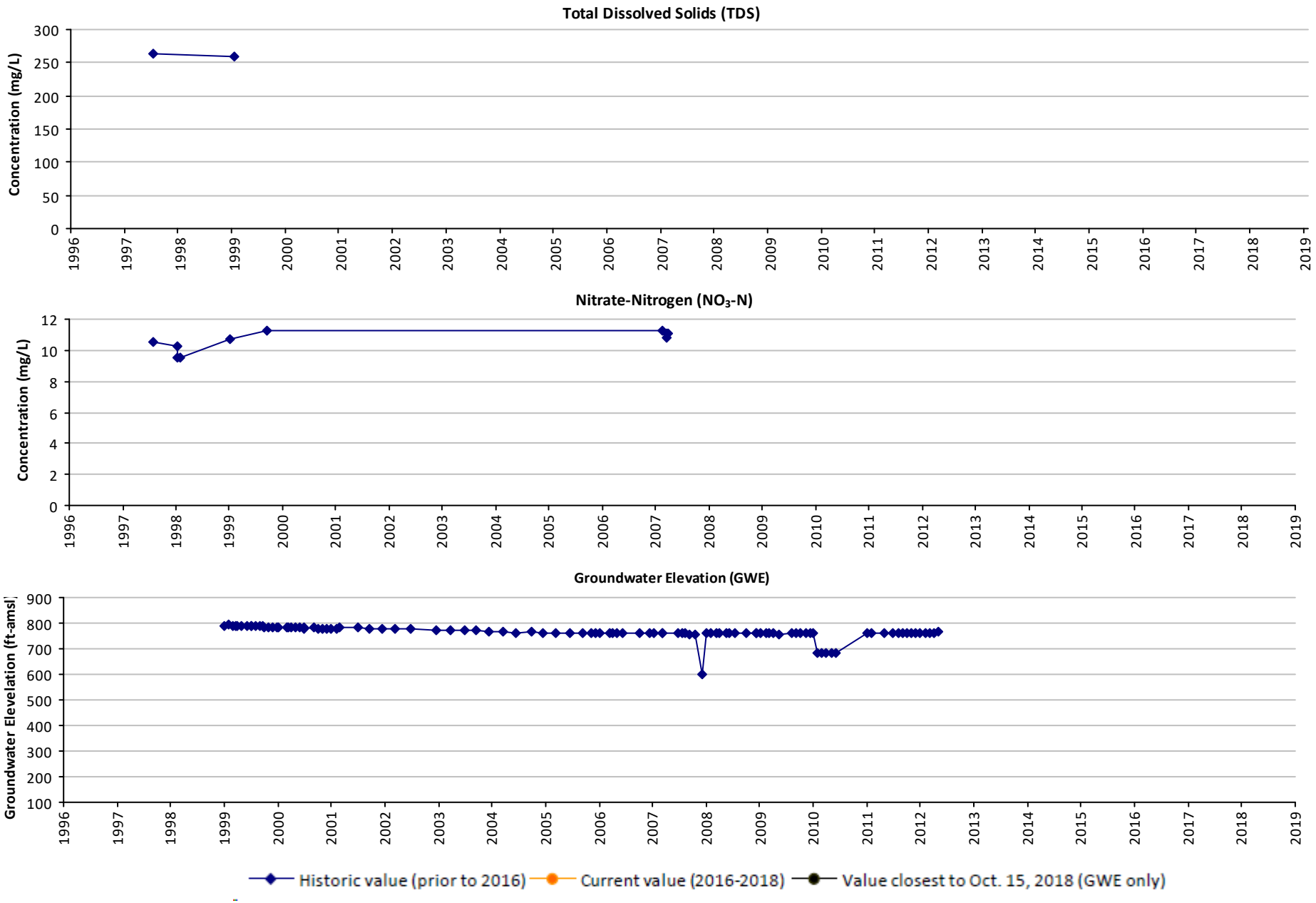
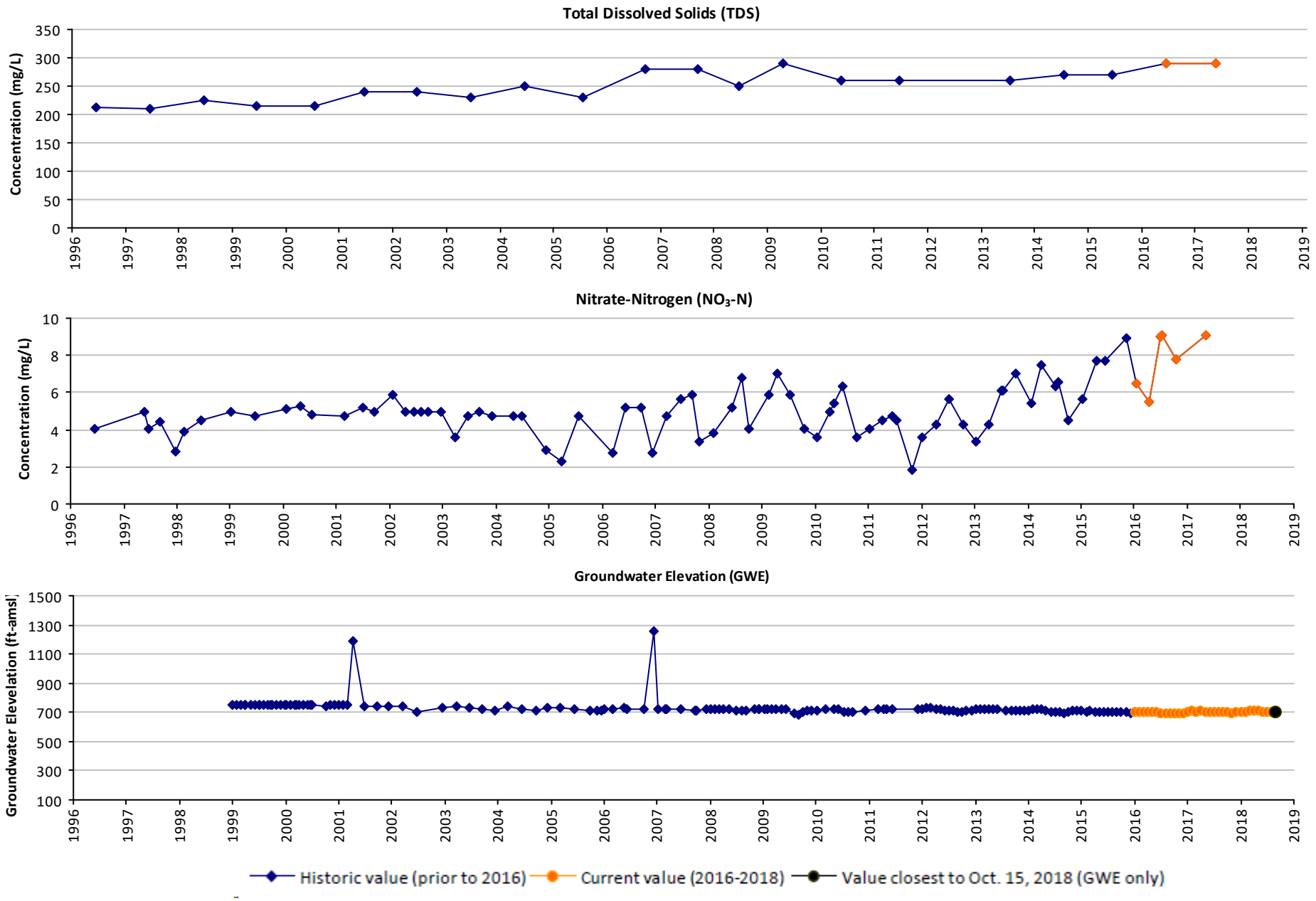
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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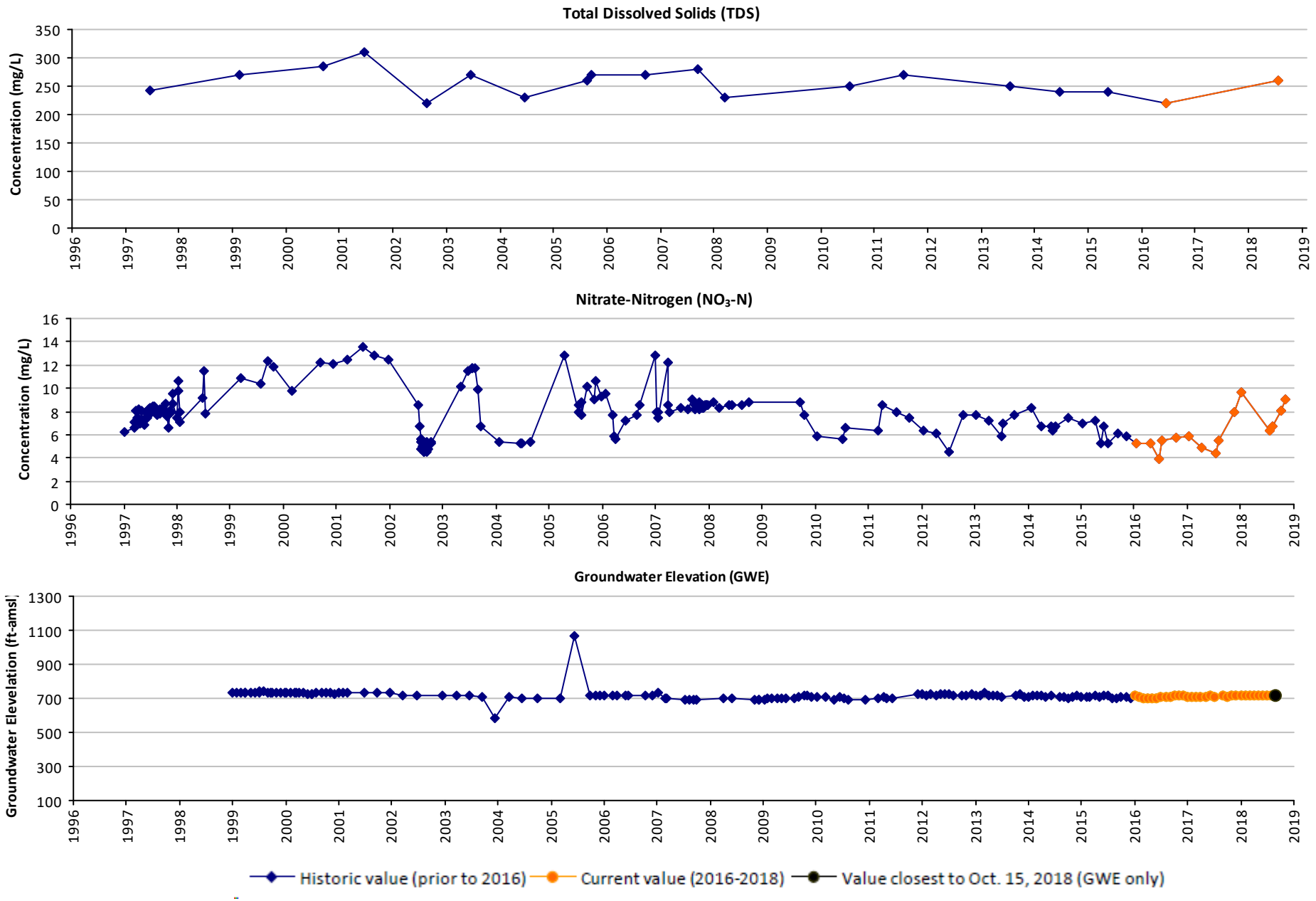
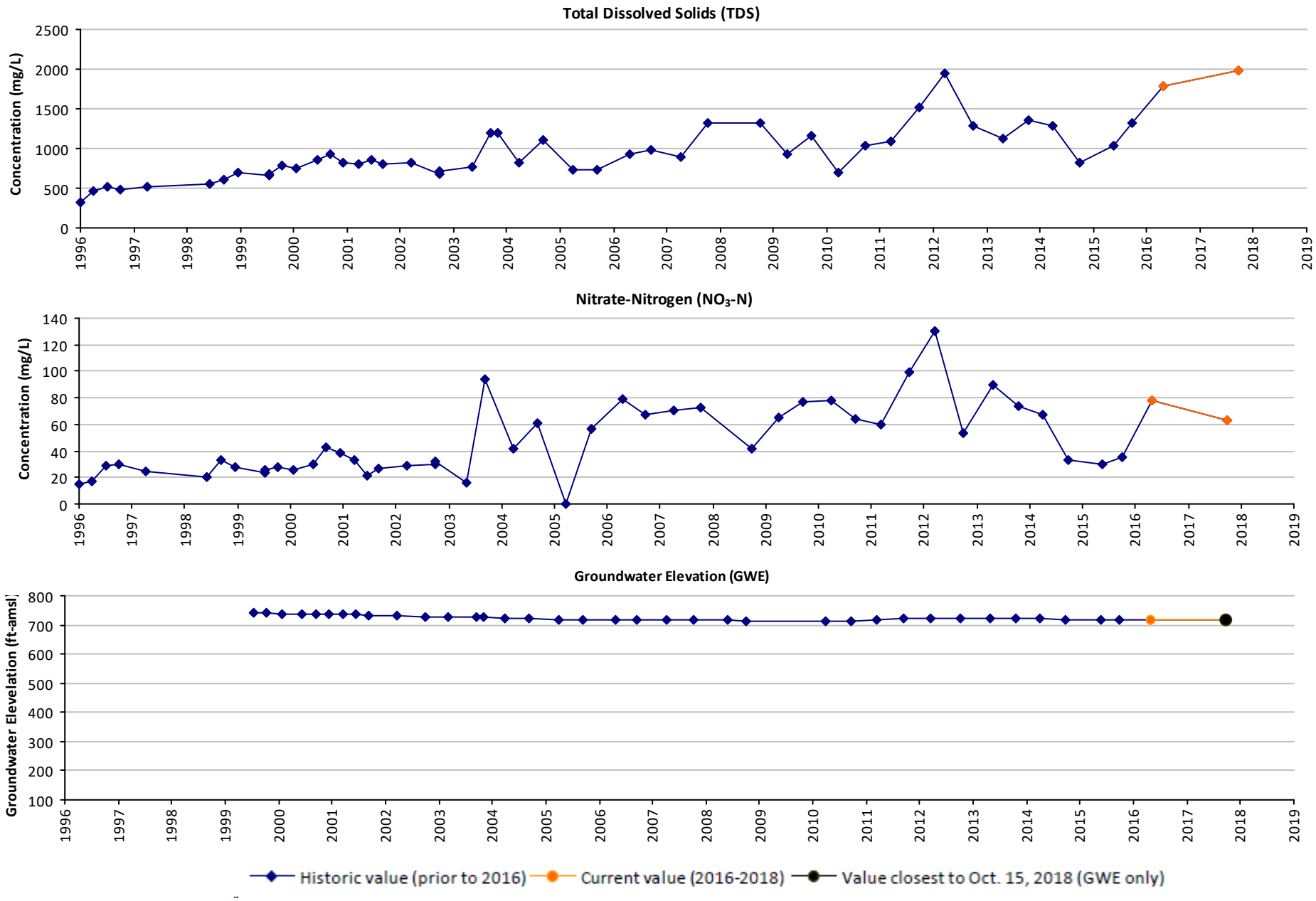
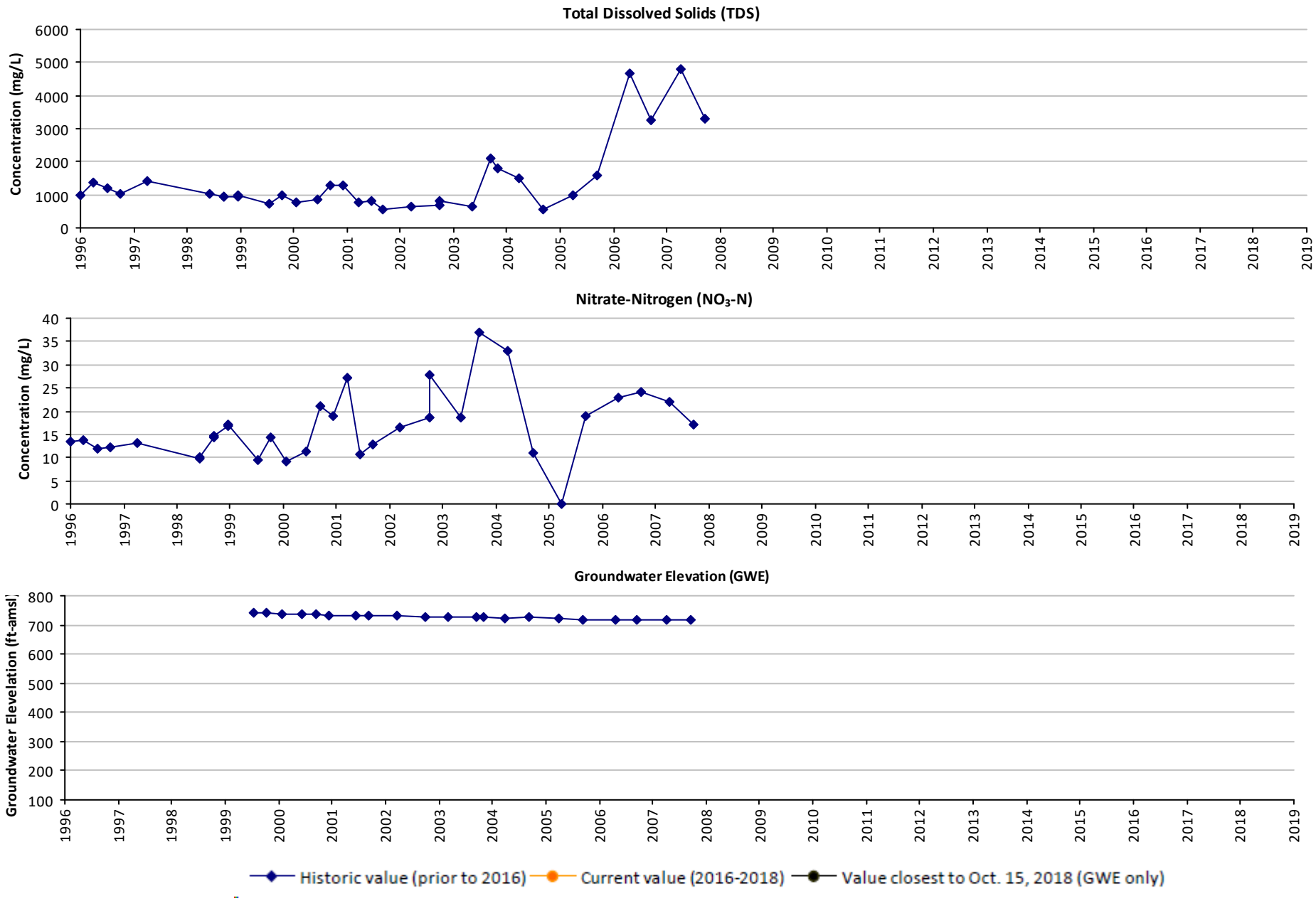
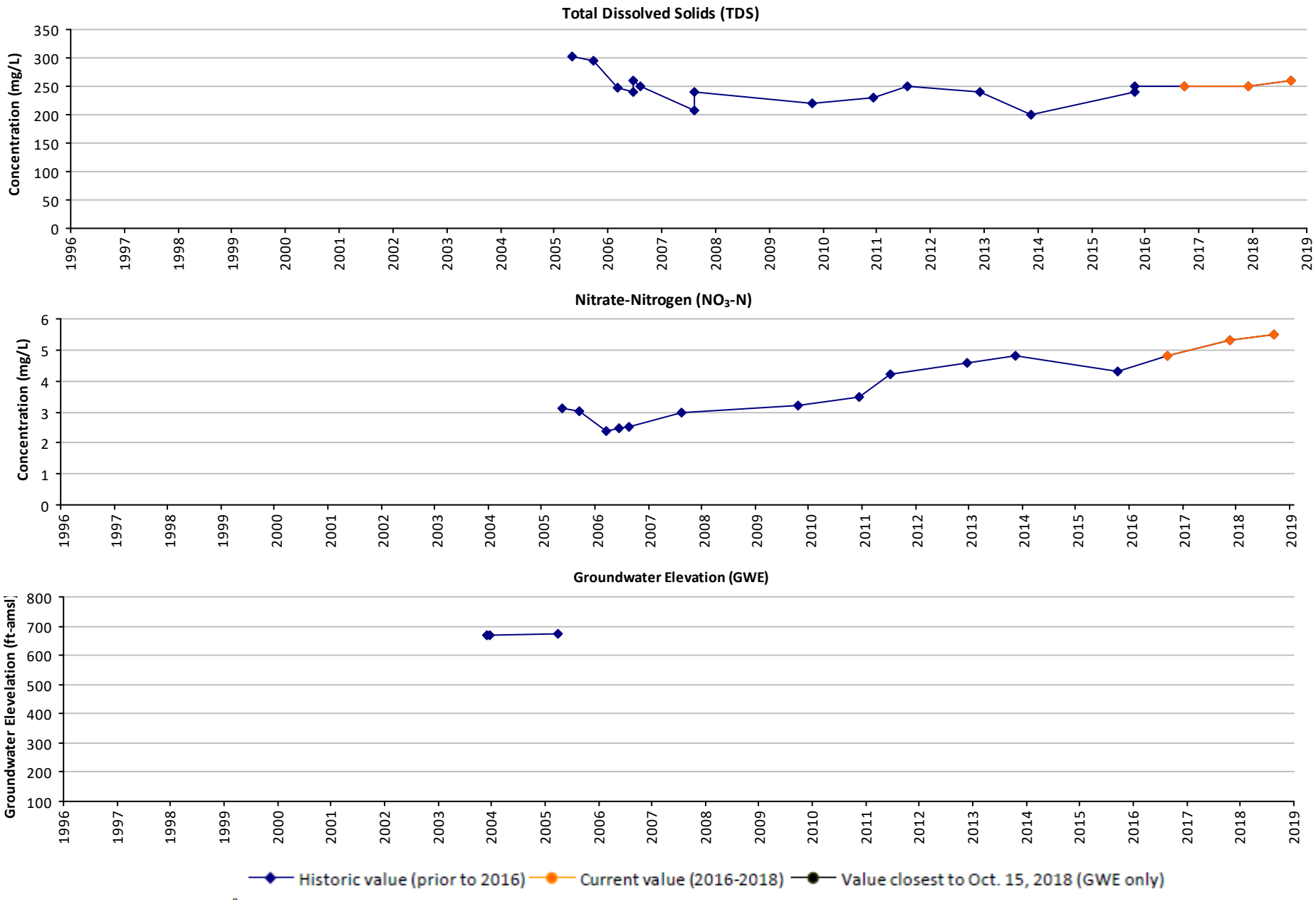

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

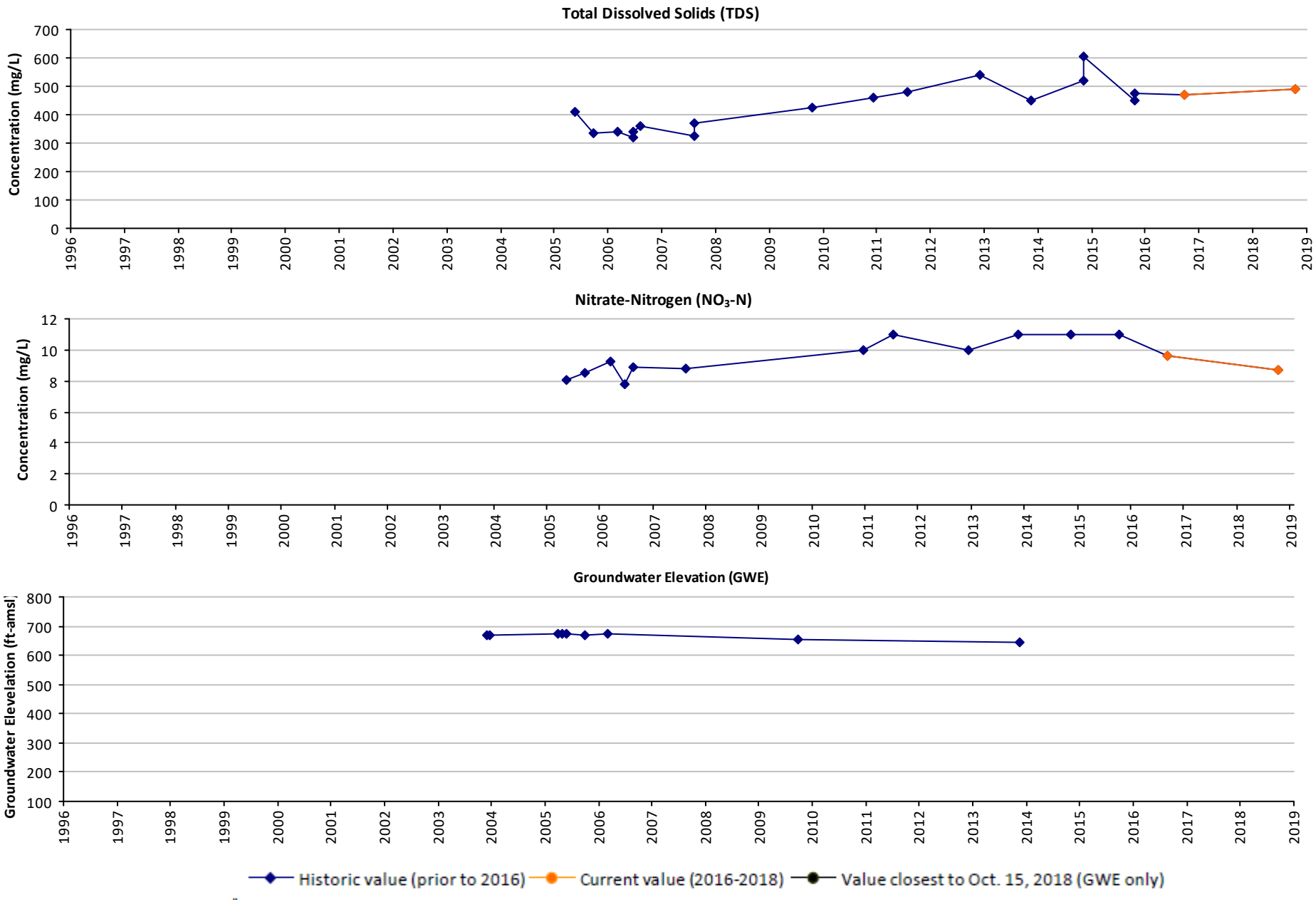
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

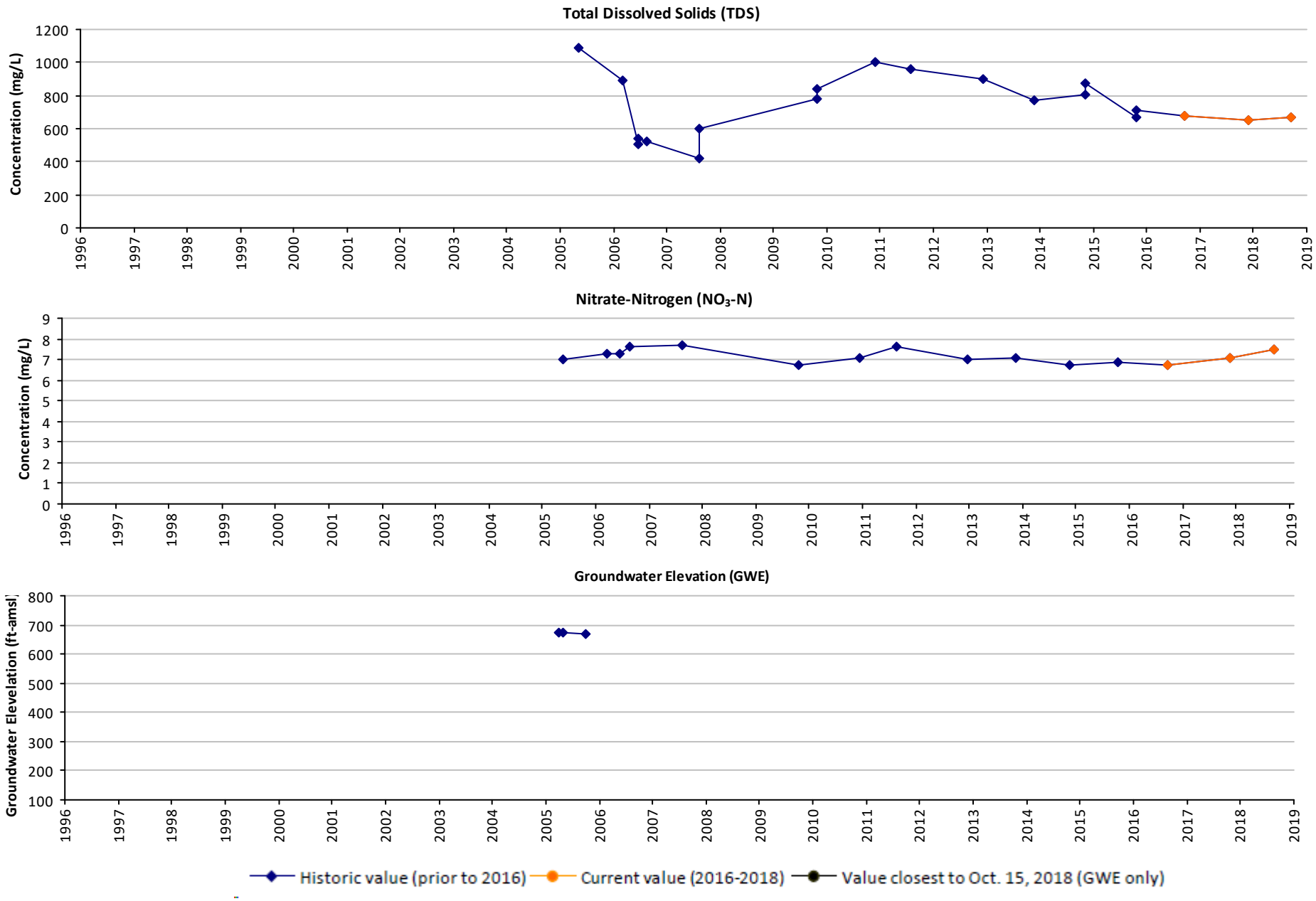
Well ID: 1201071
Management Zone: Chino-3/Chino-North

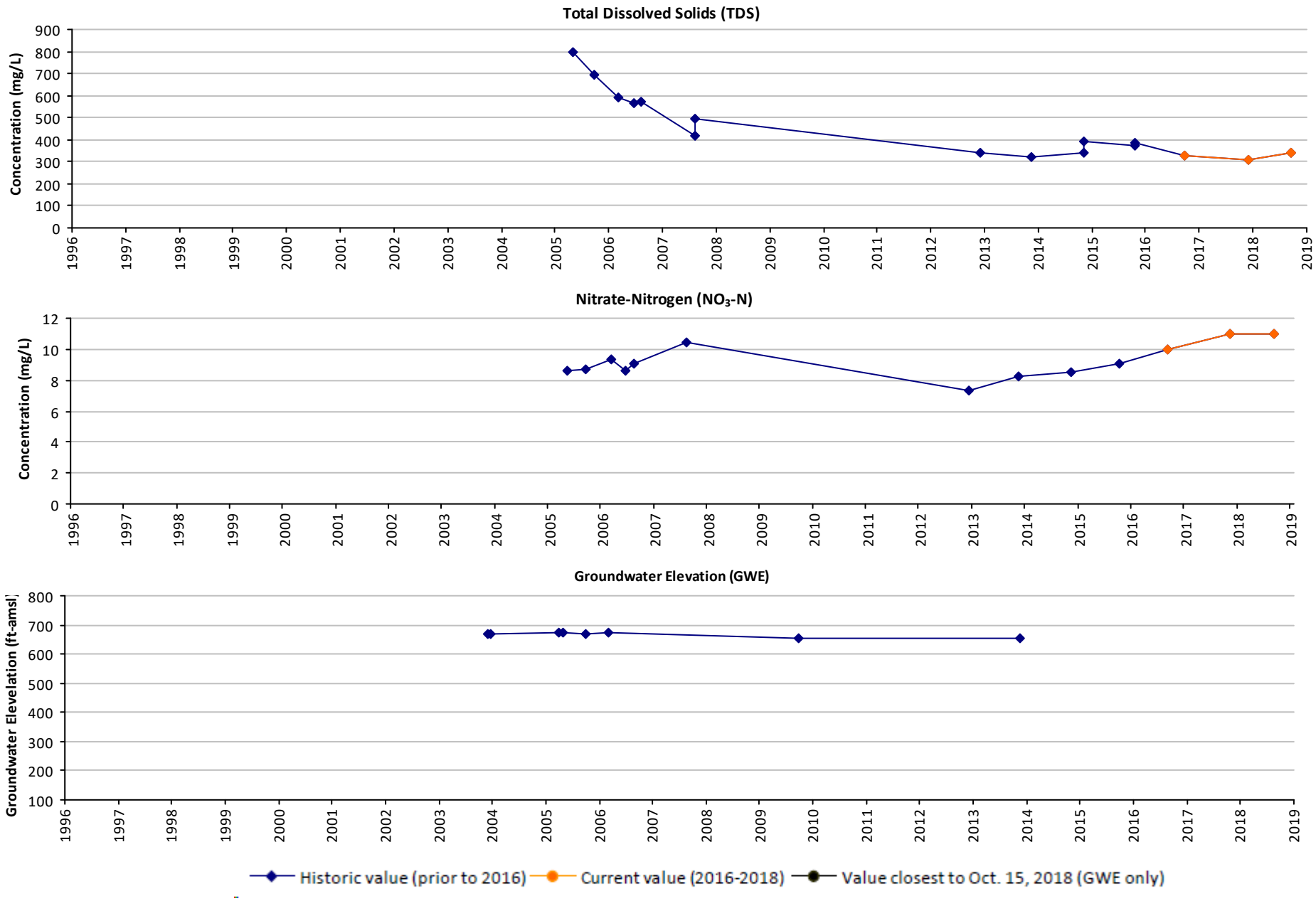


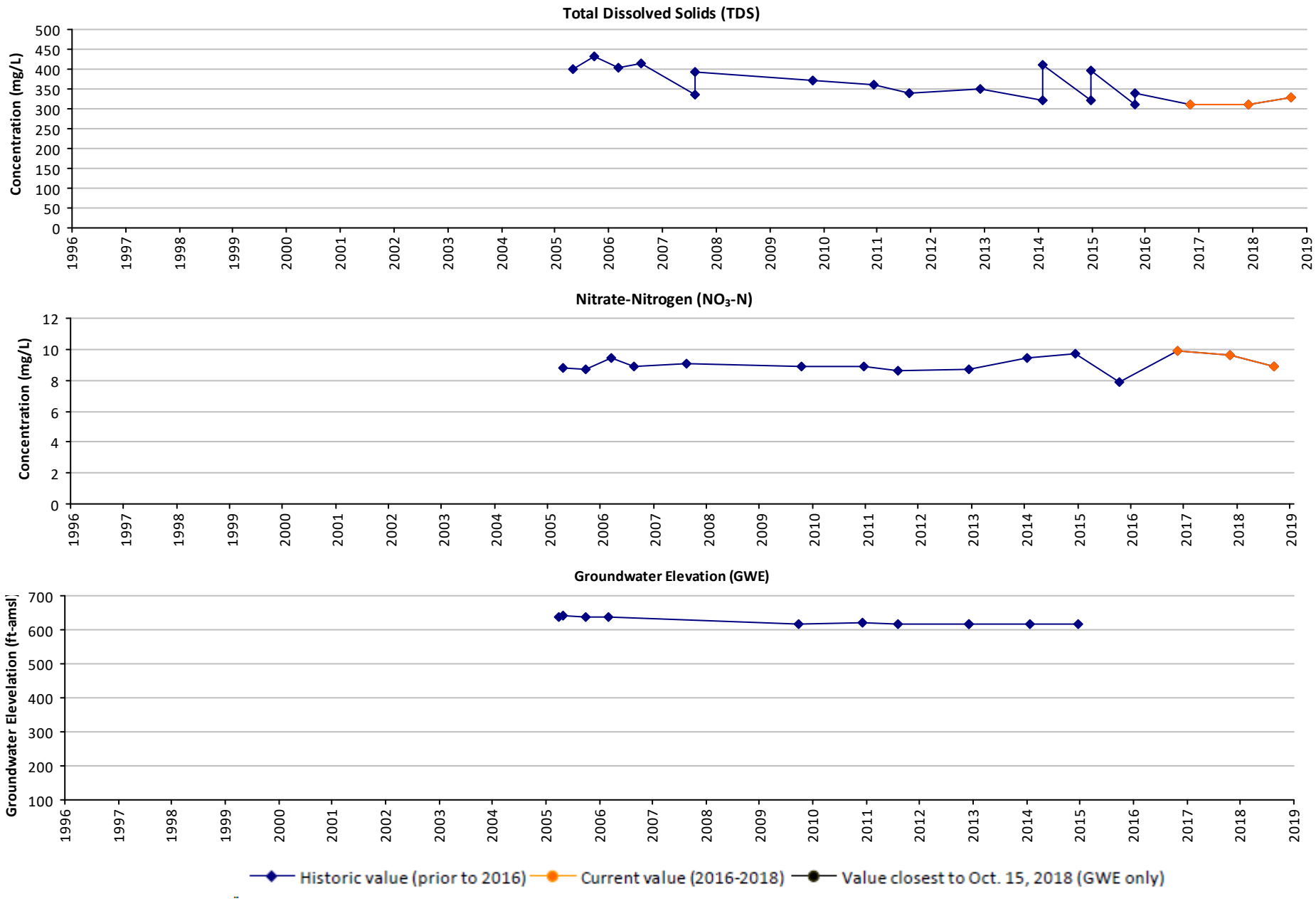

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

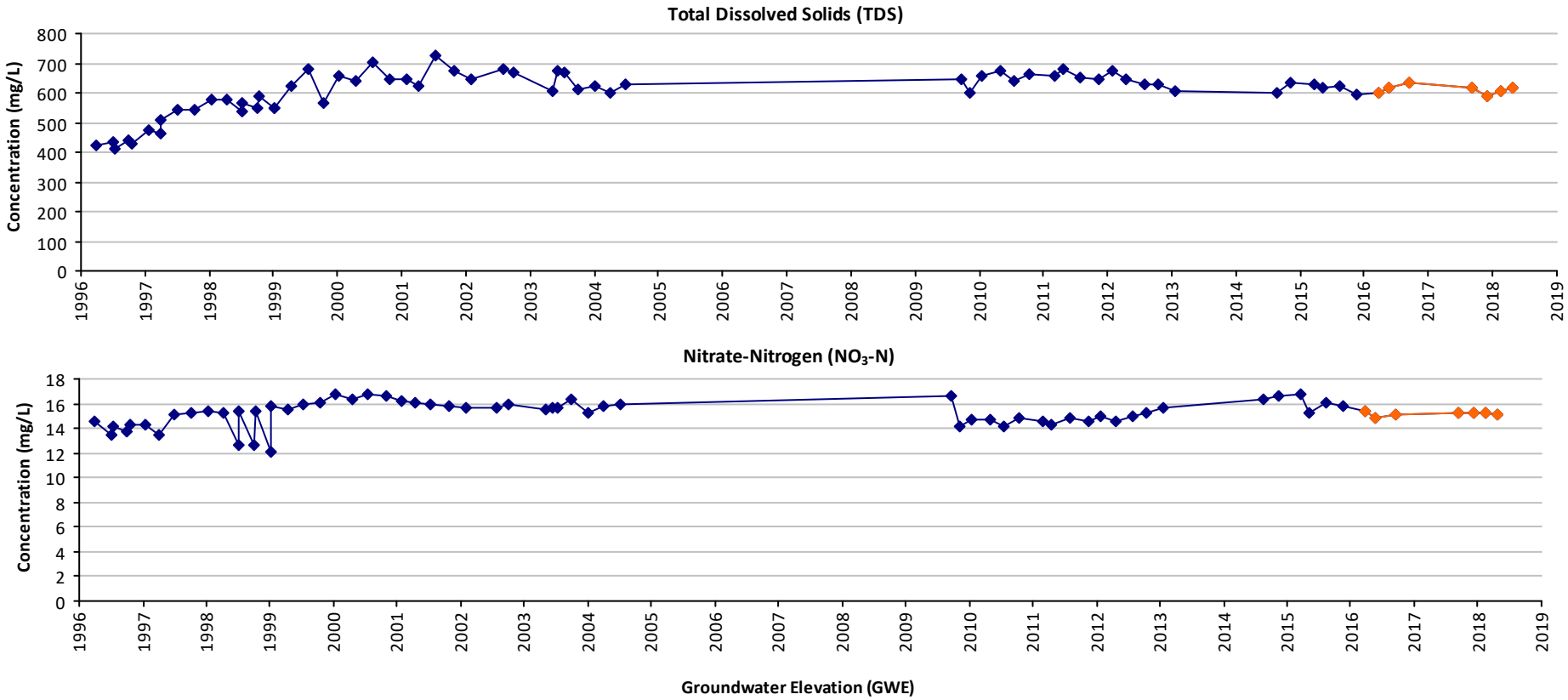

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

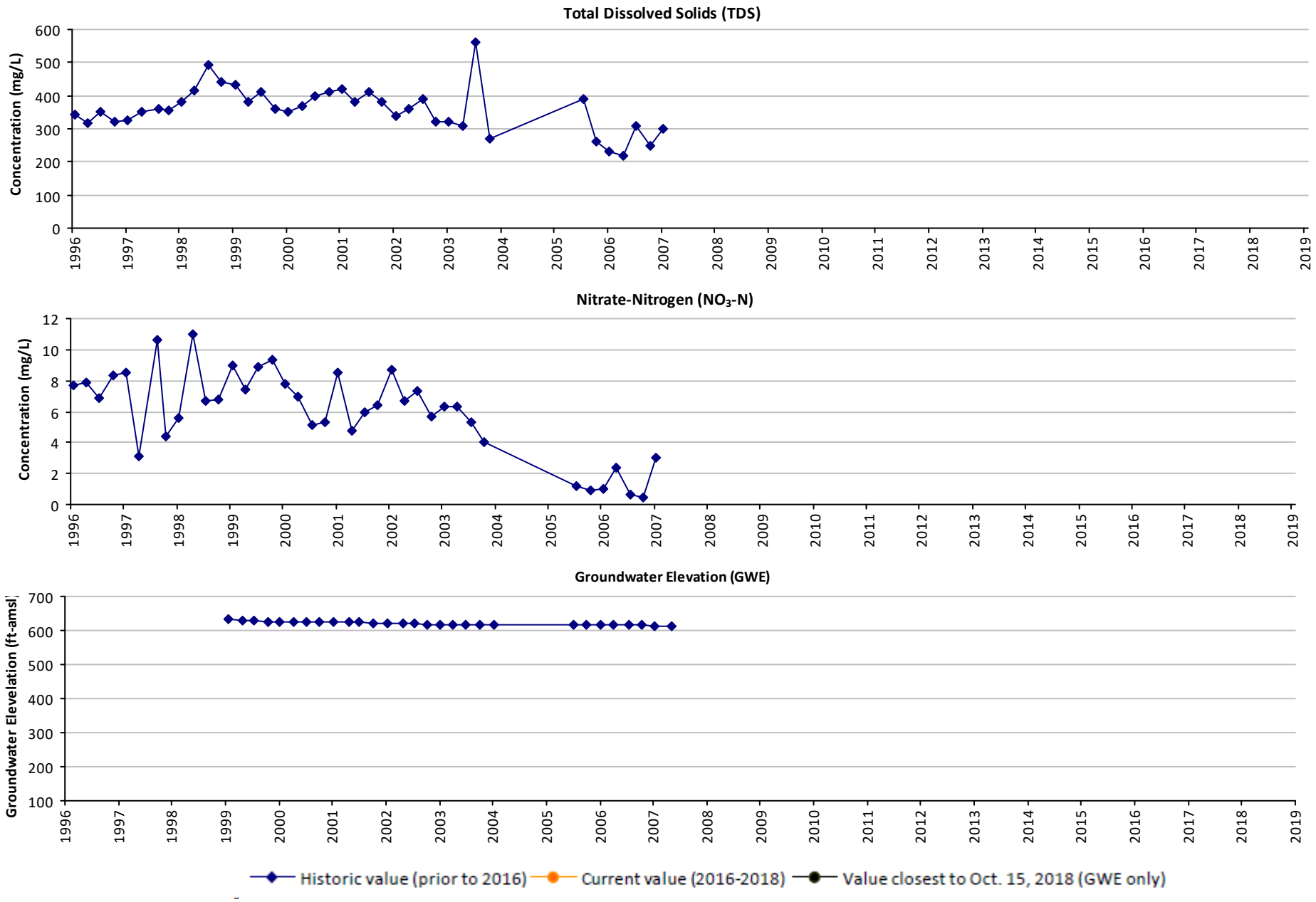

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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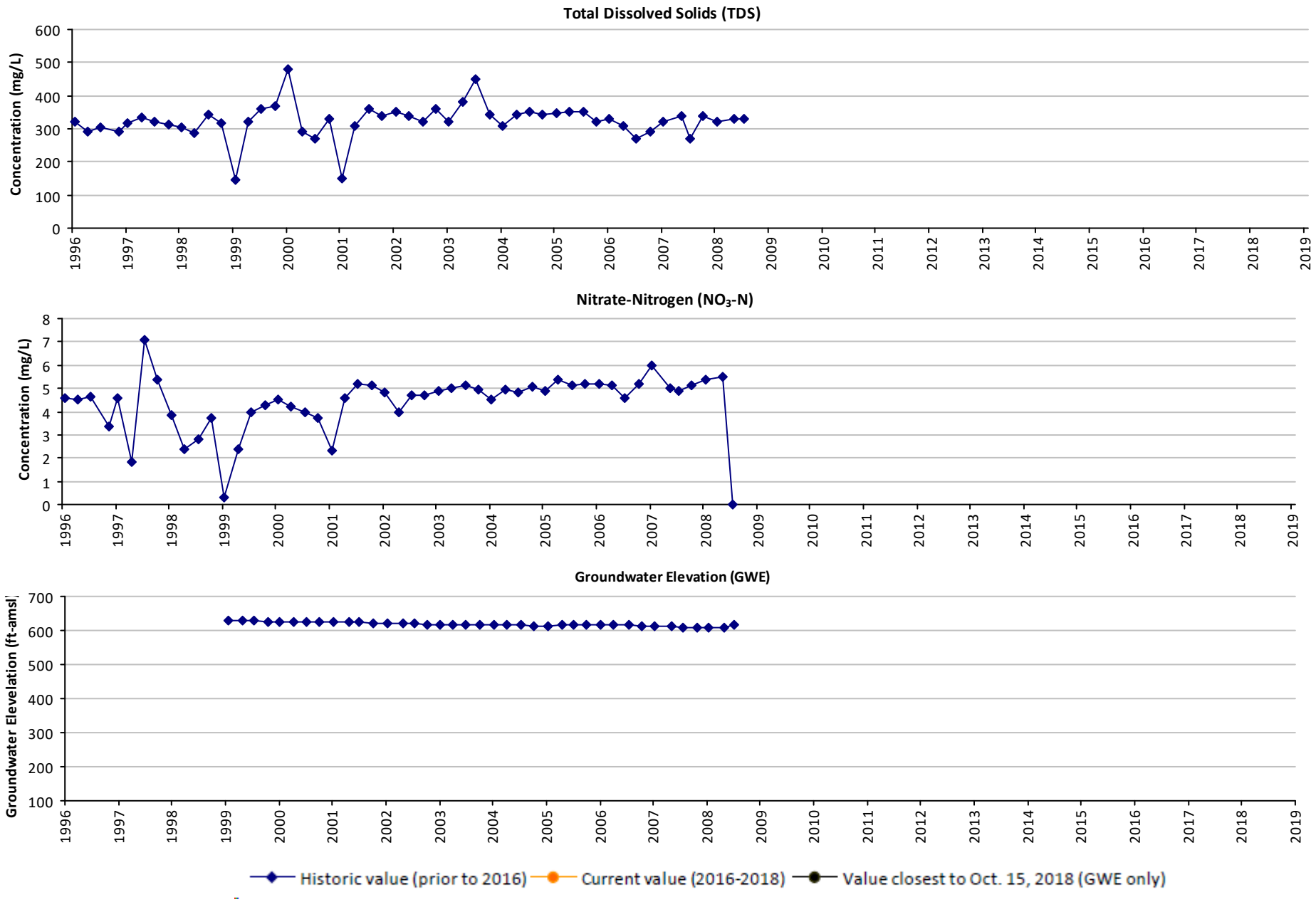
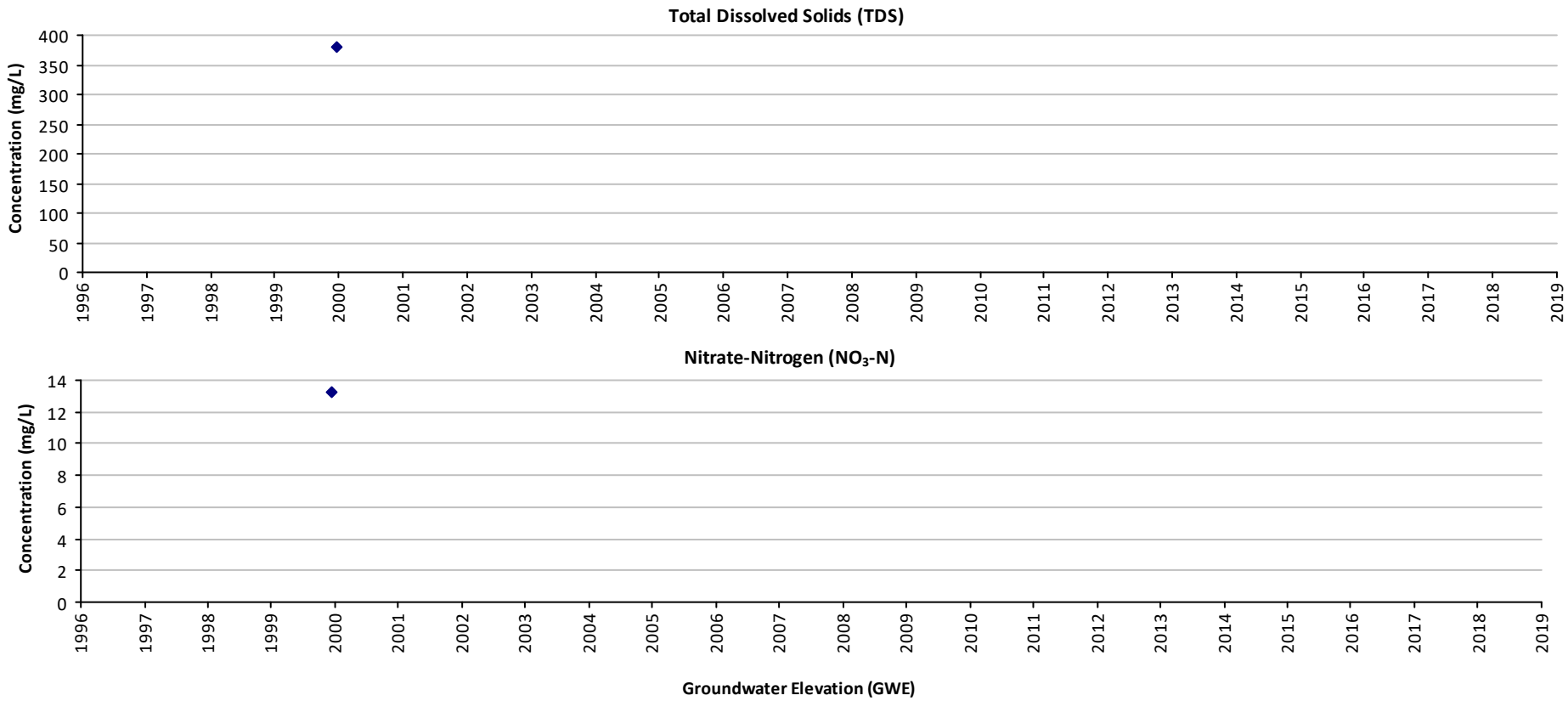
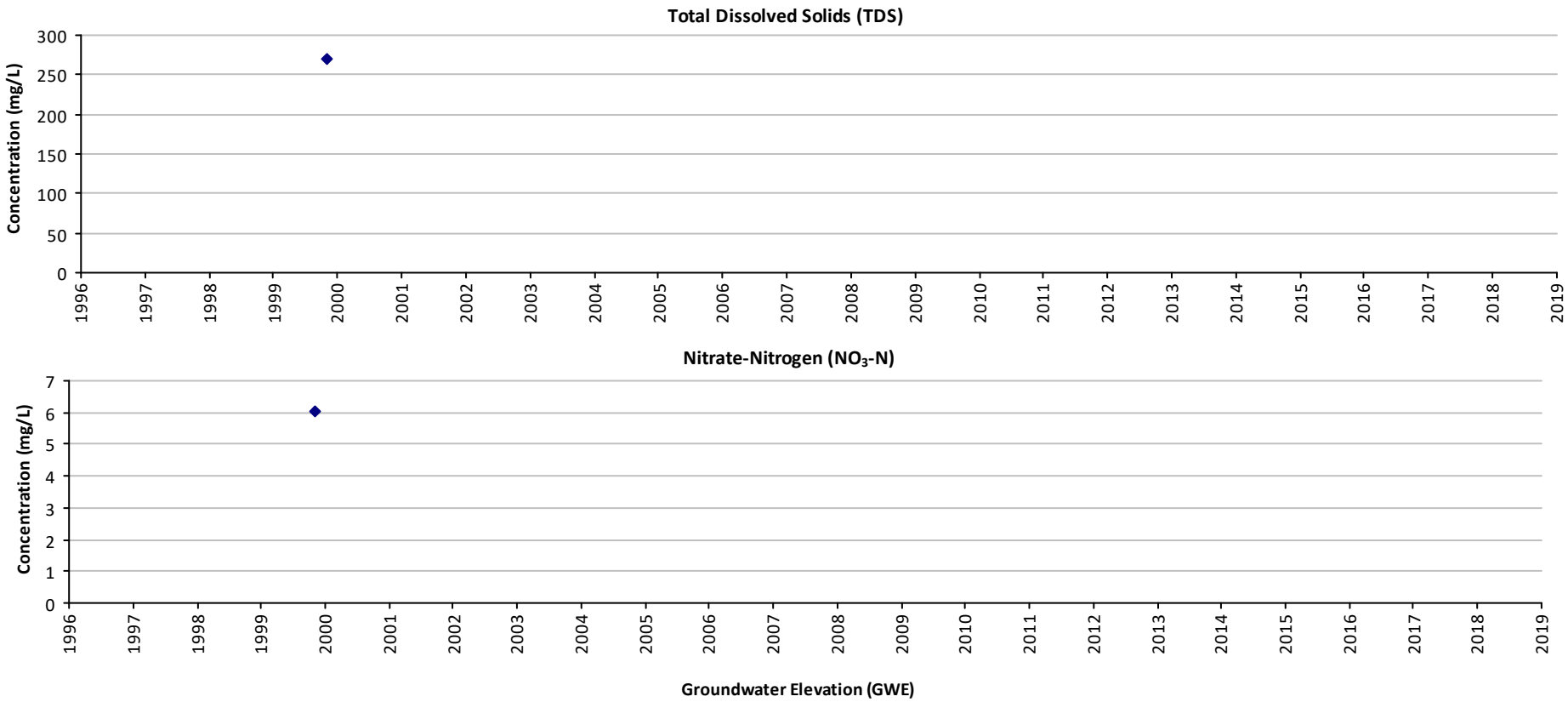
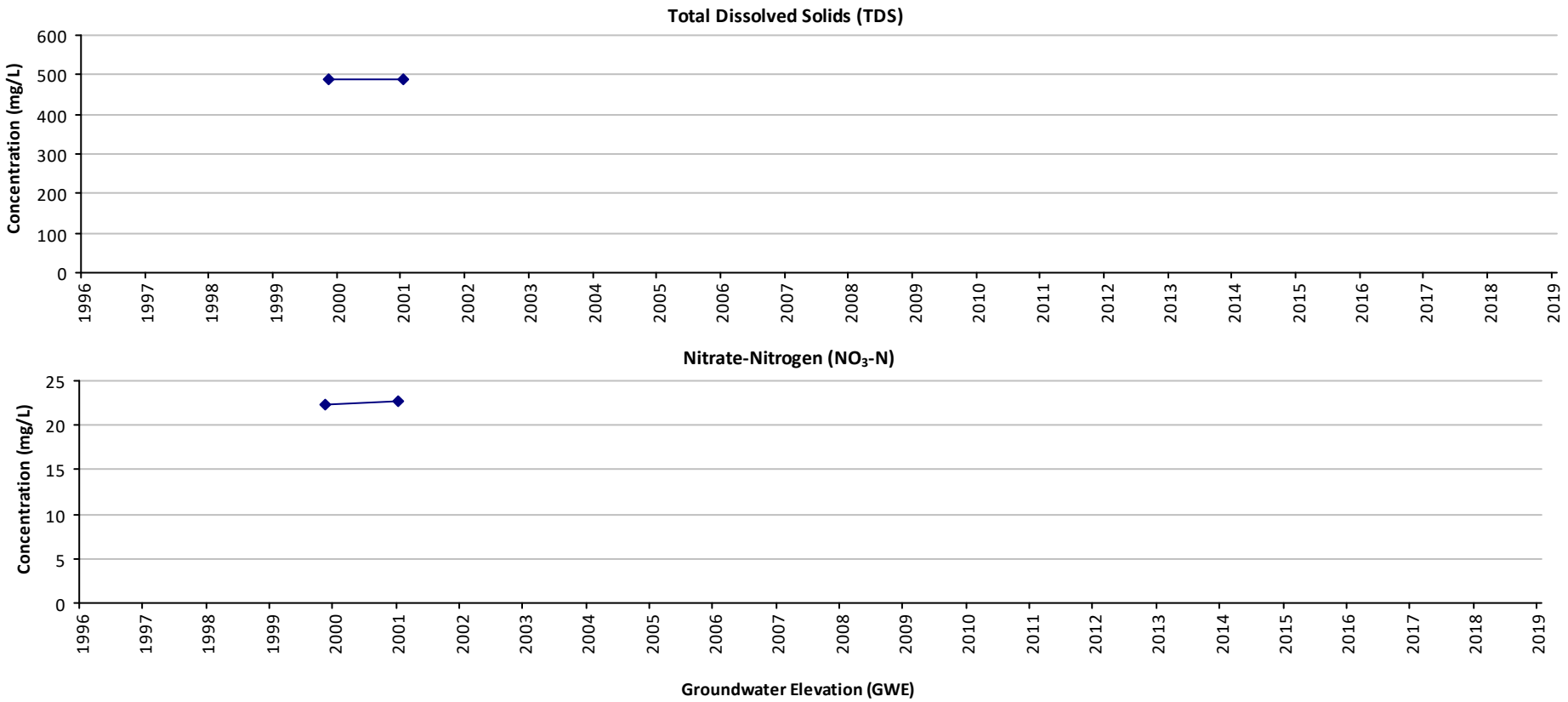
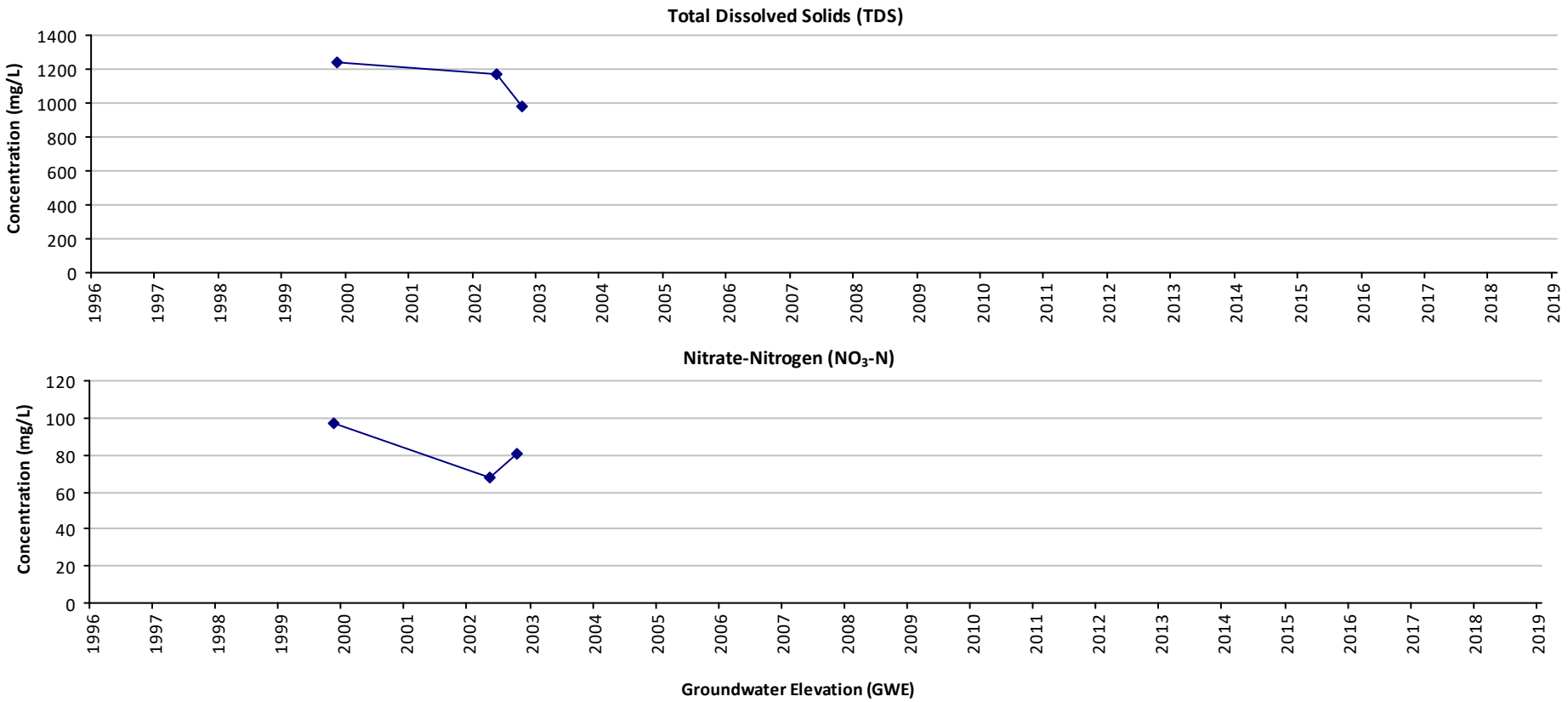
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

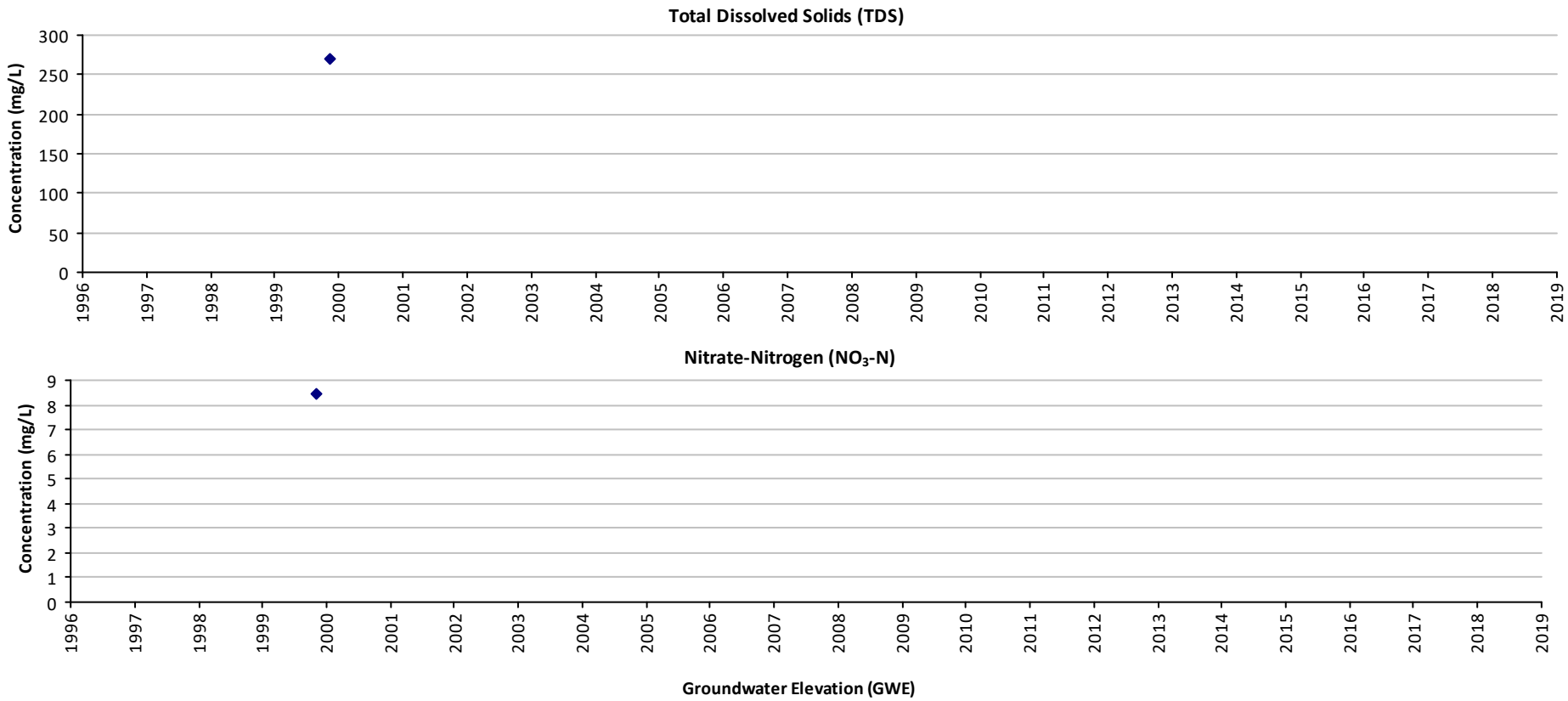

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

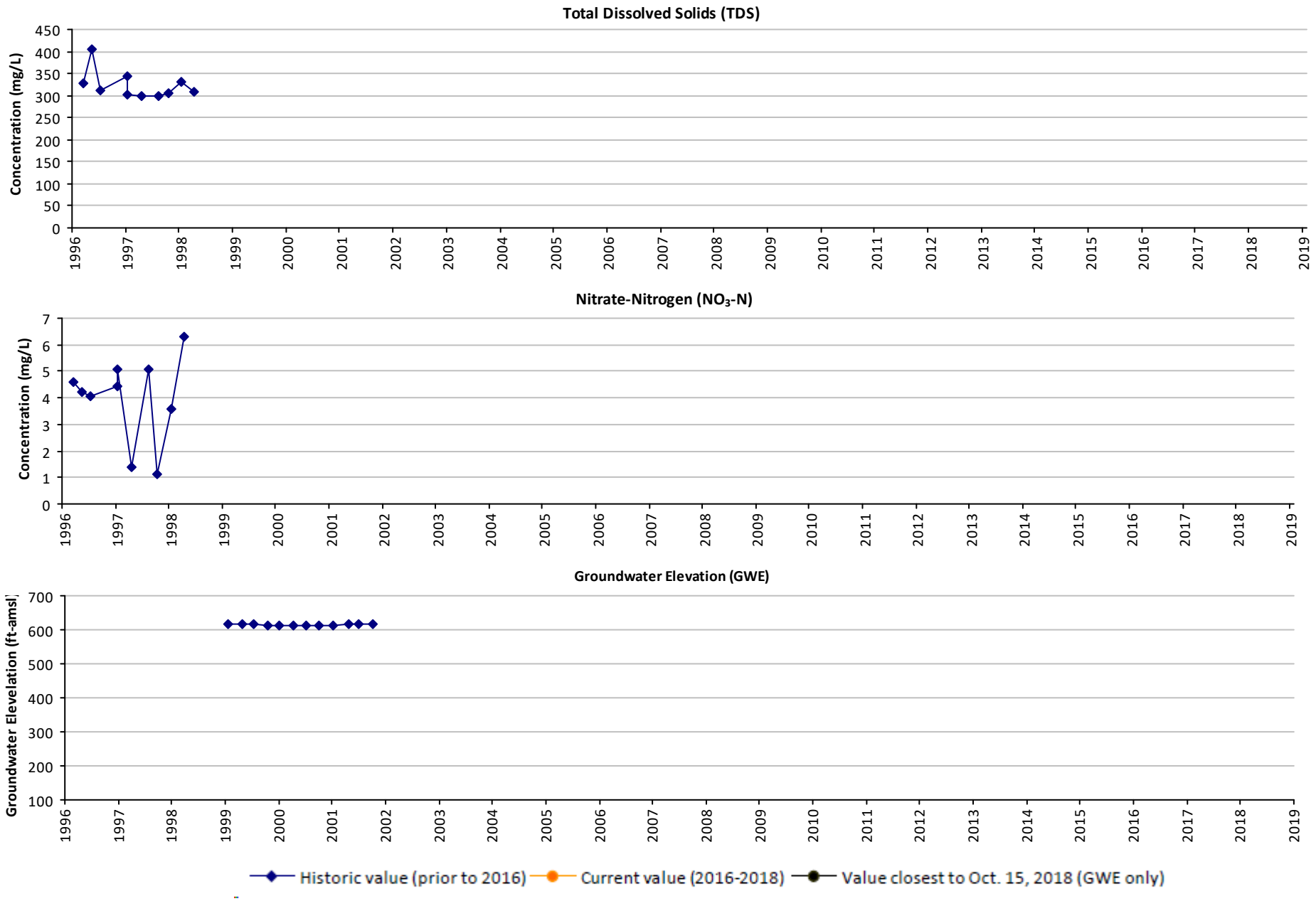

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

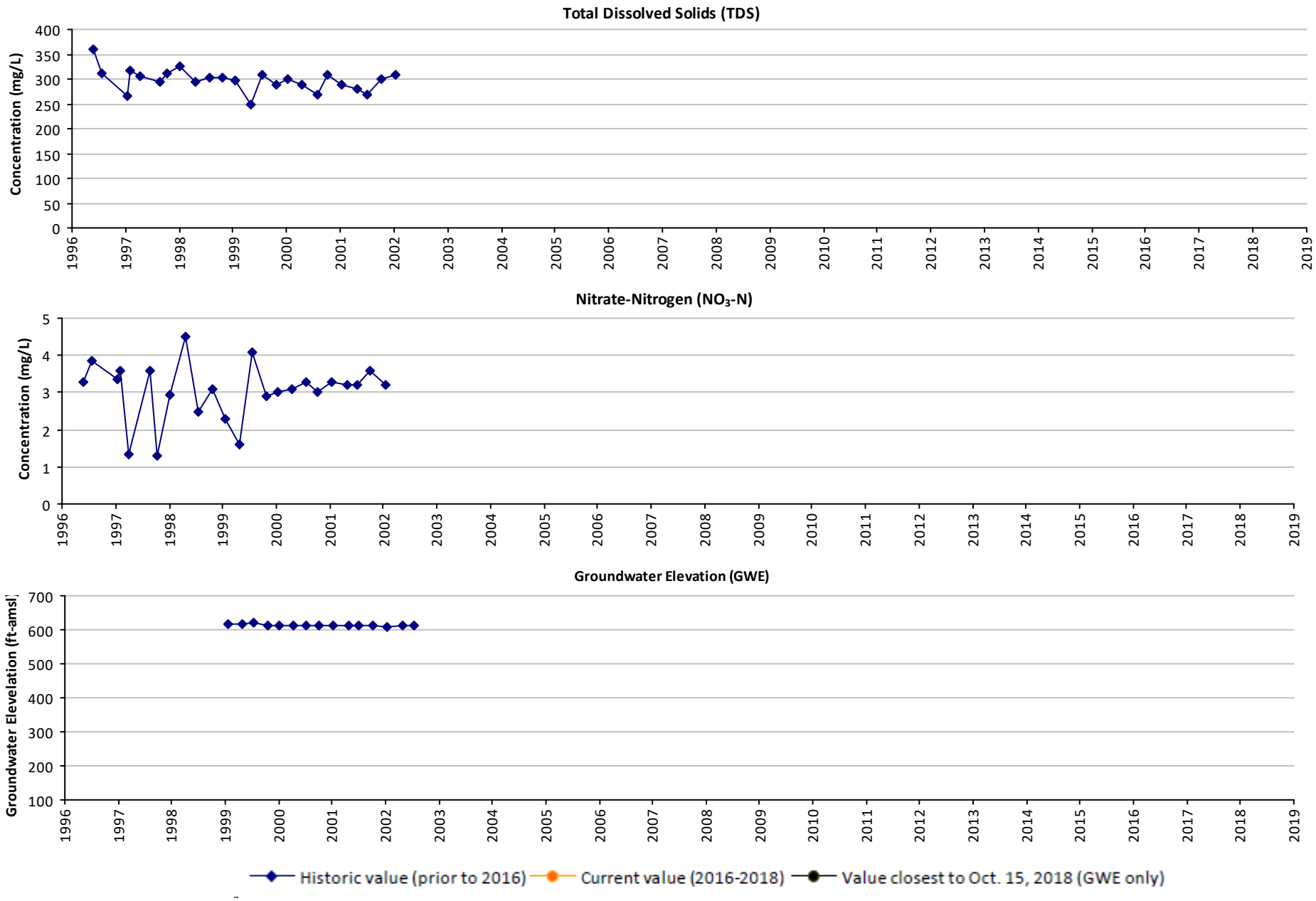

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

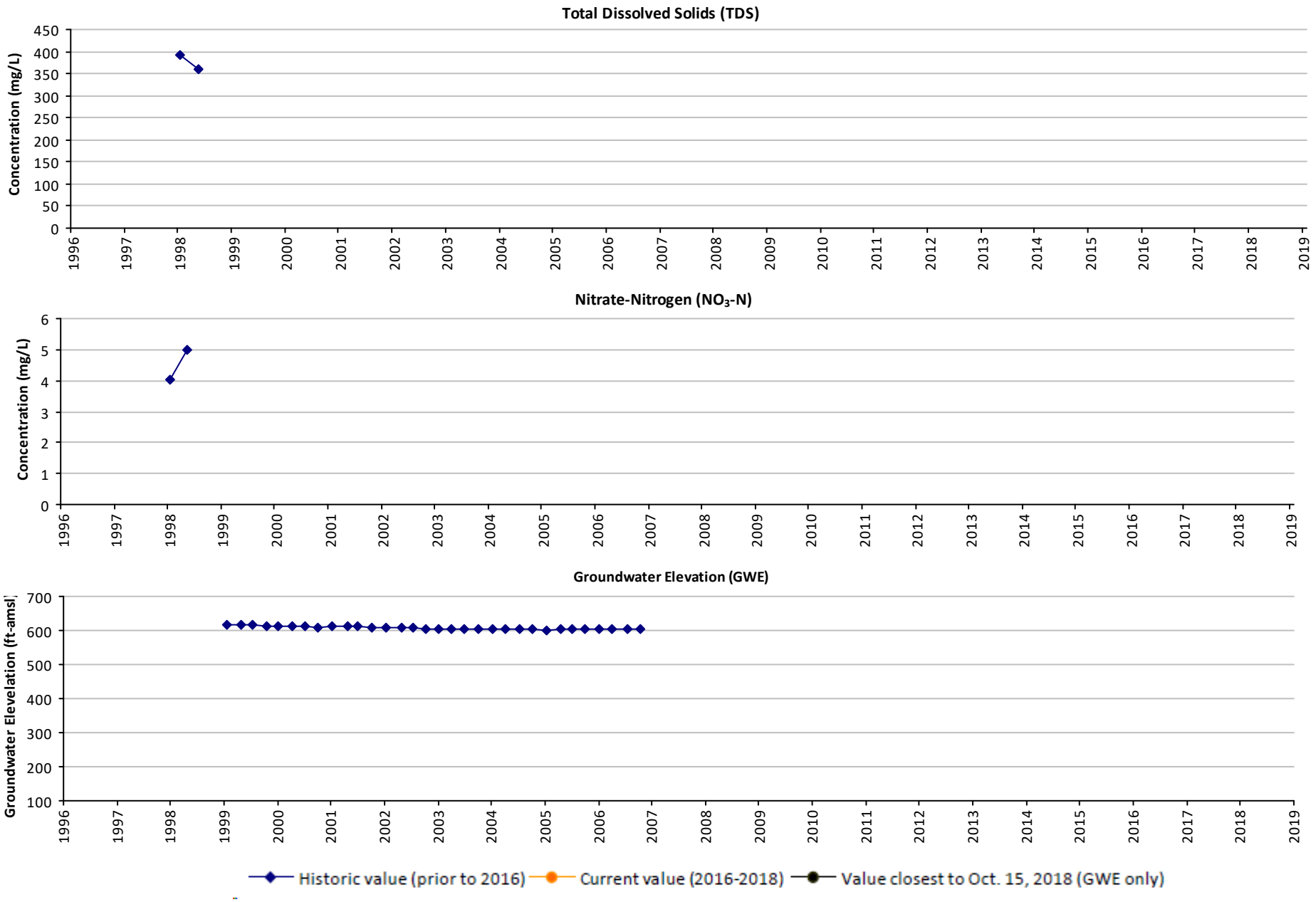

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
120
100
80
60
40
20
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
90
80
70
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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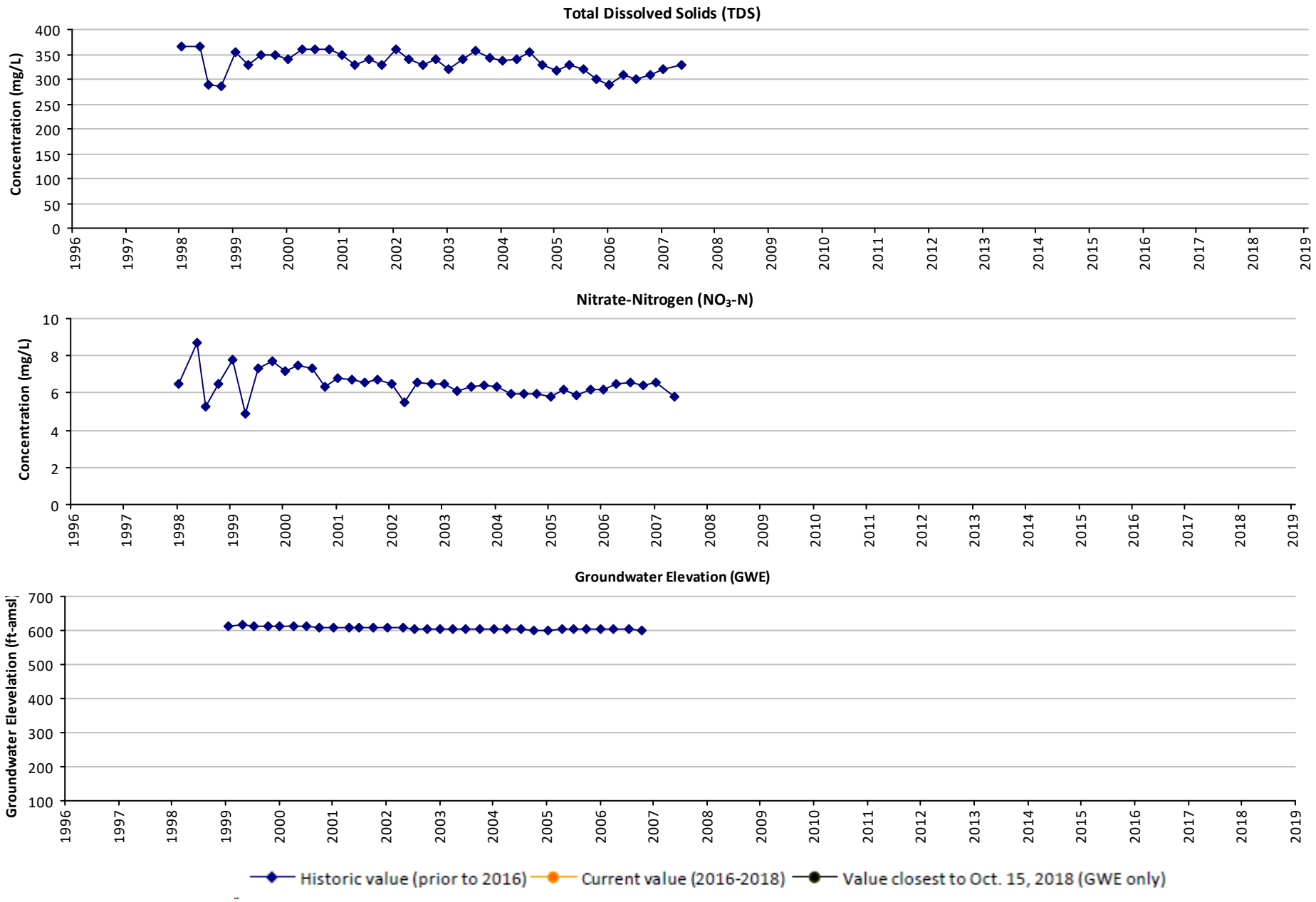
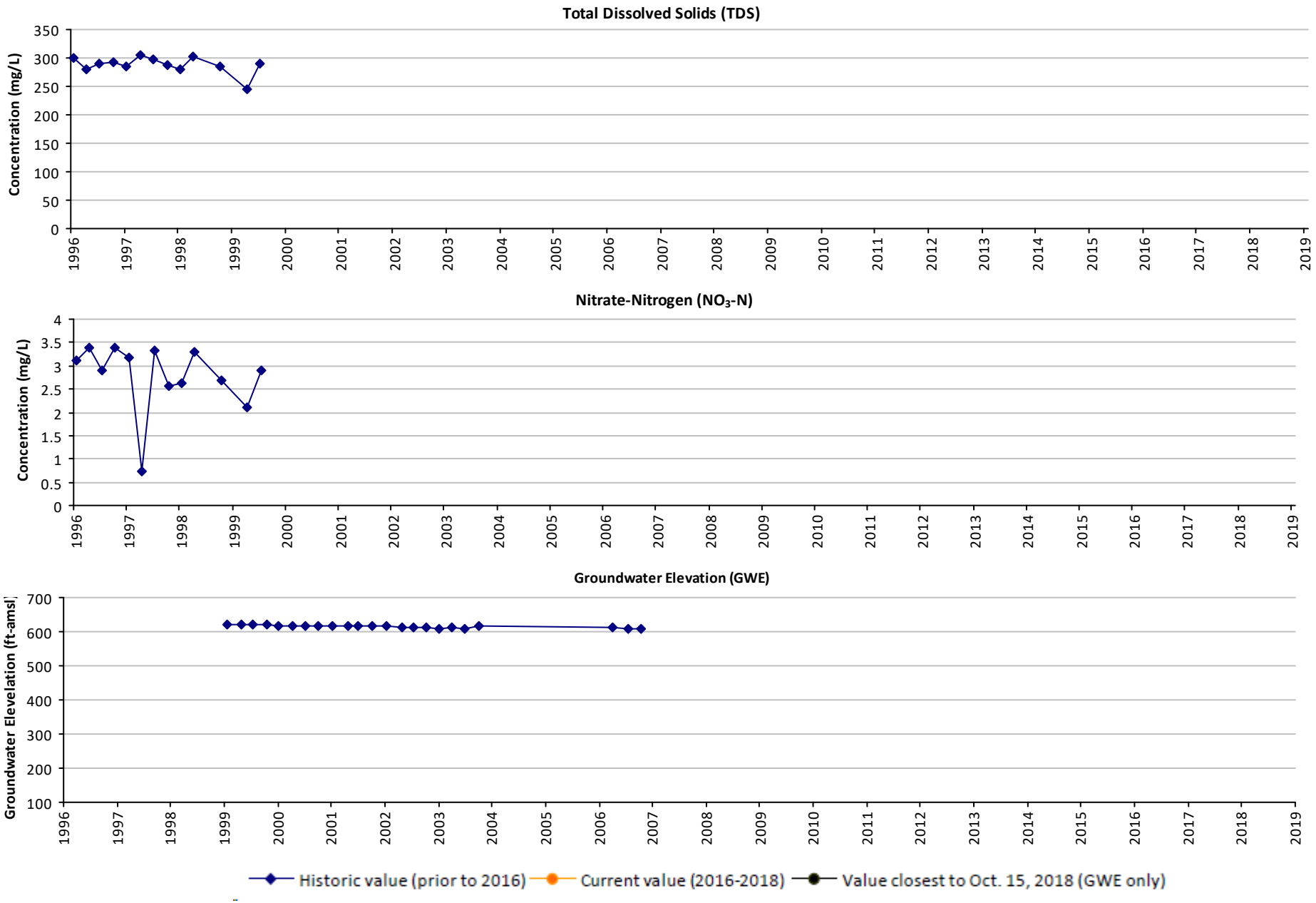
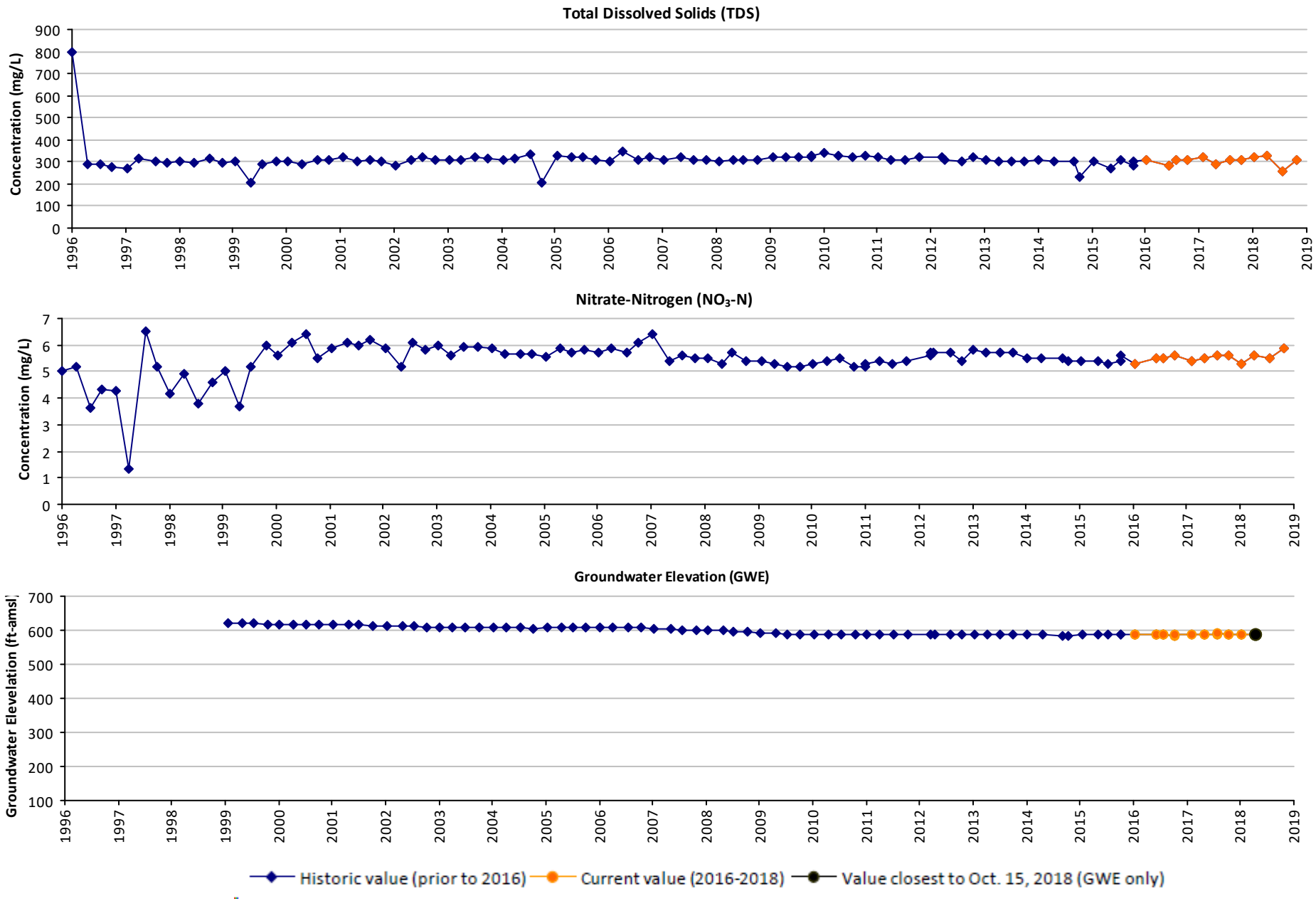
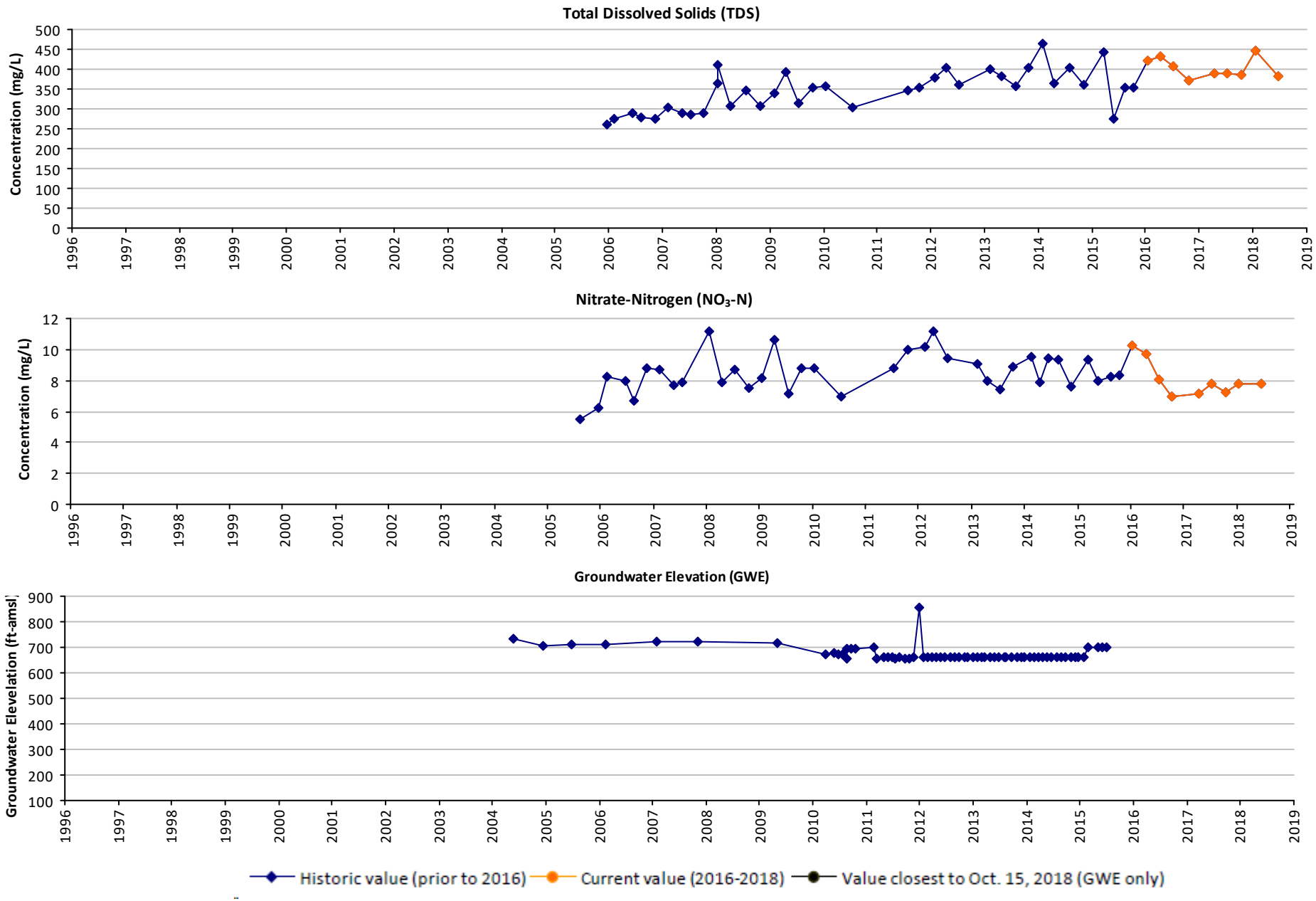
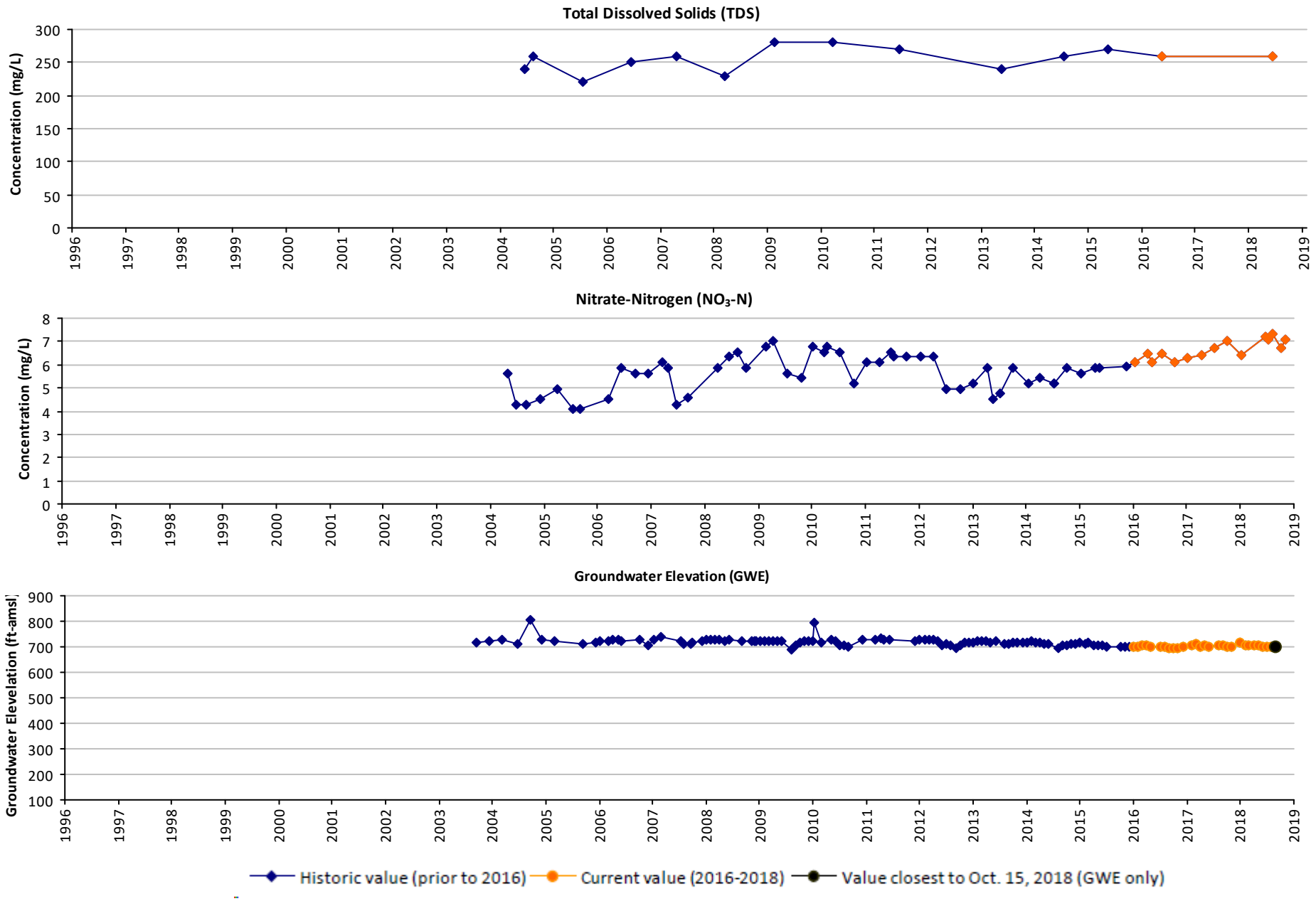
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

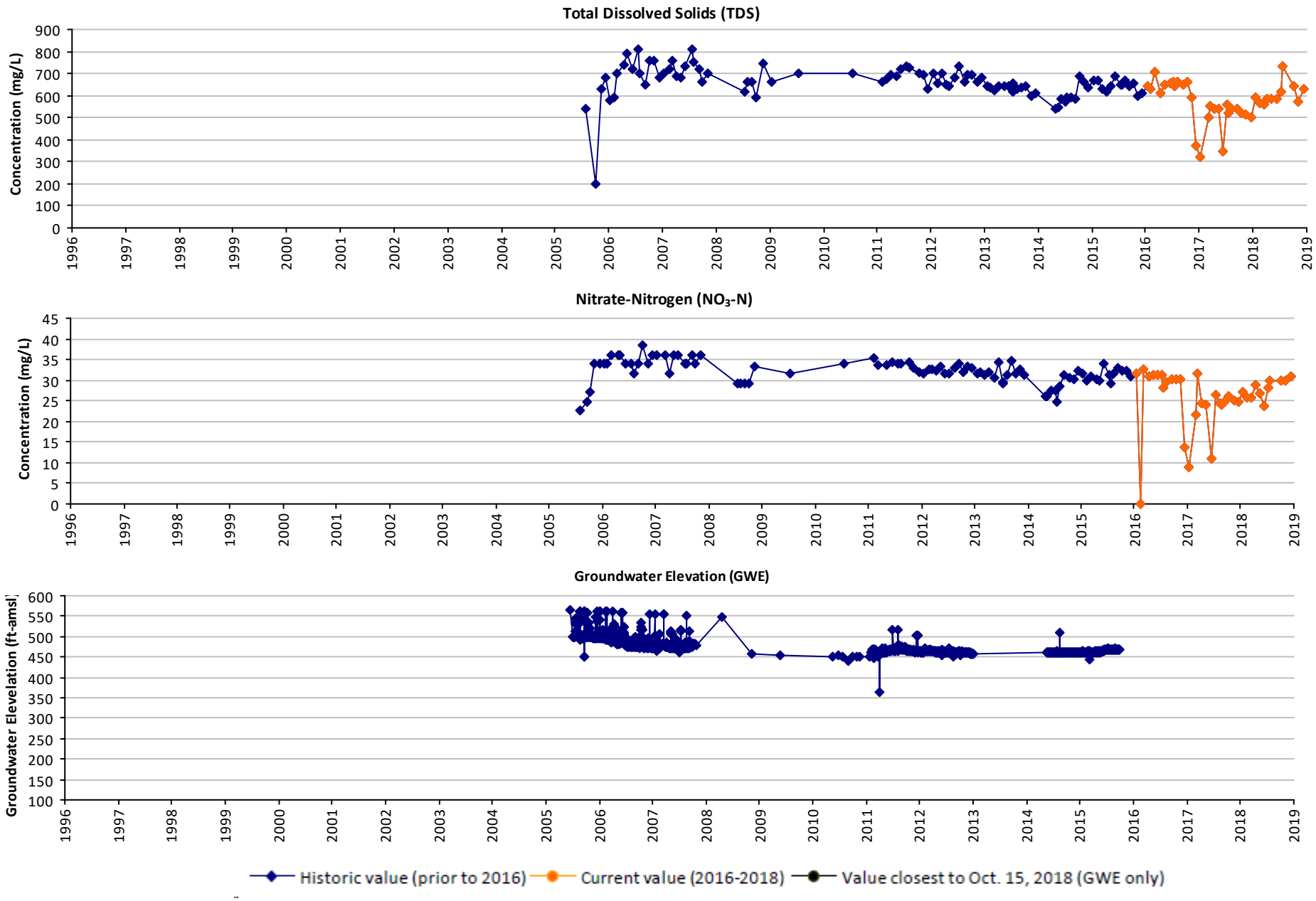

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

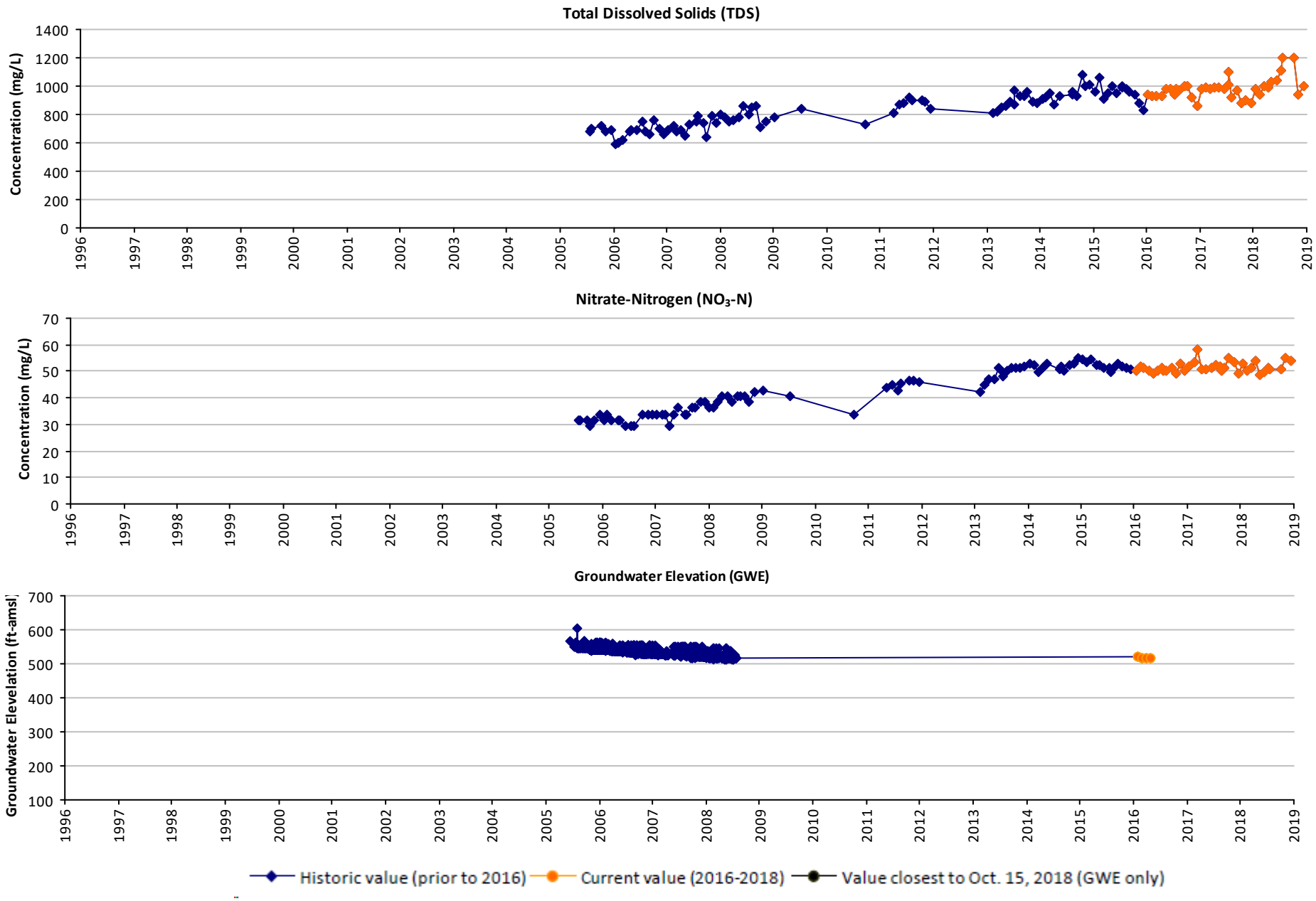

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

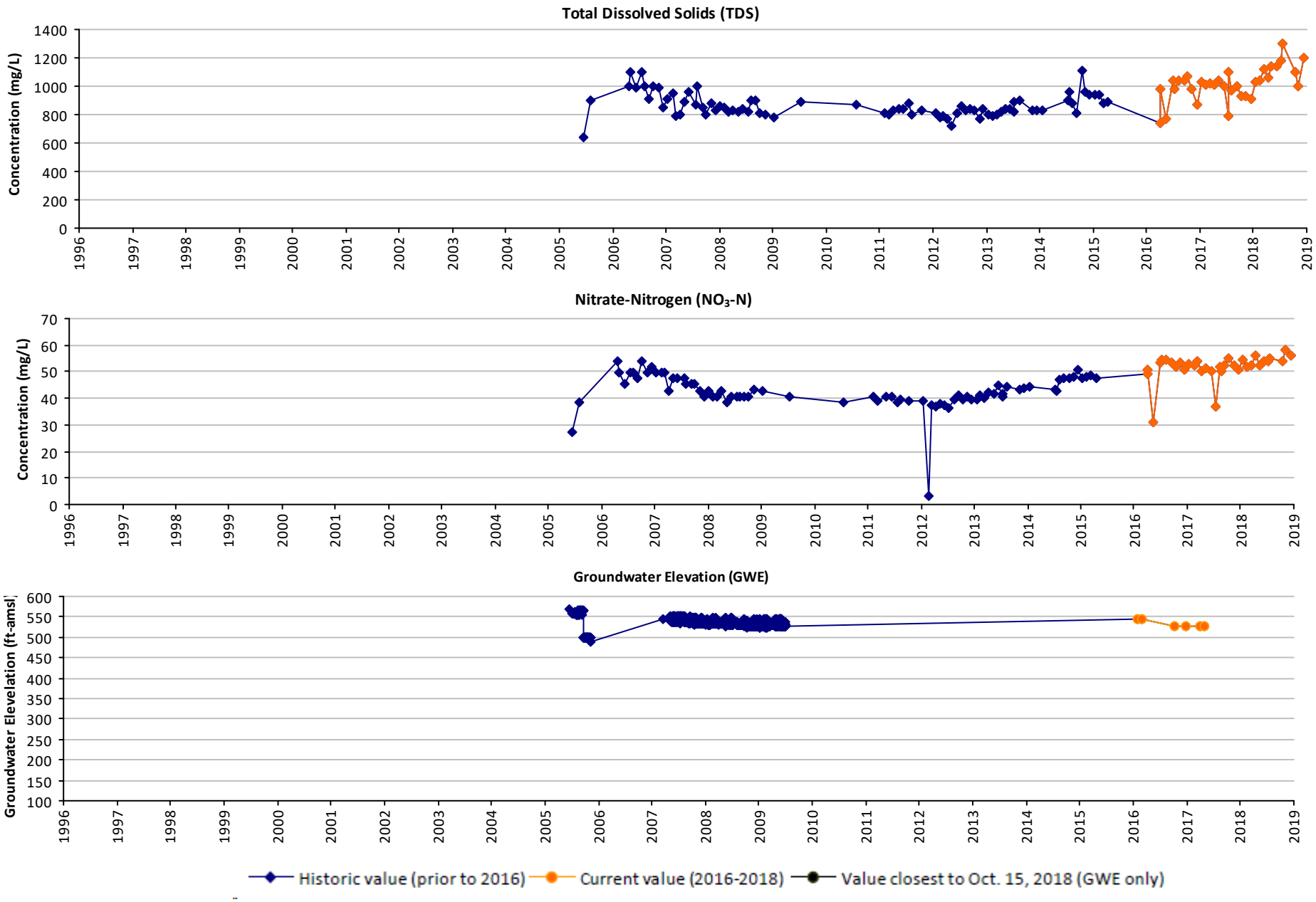

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

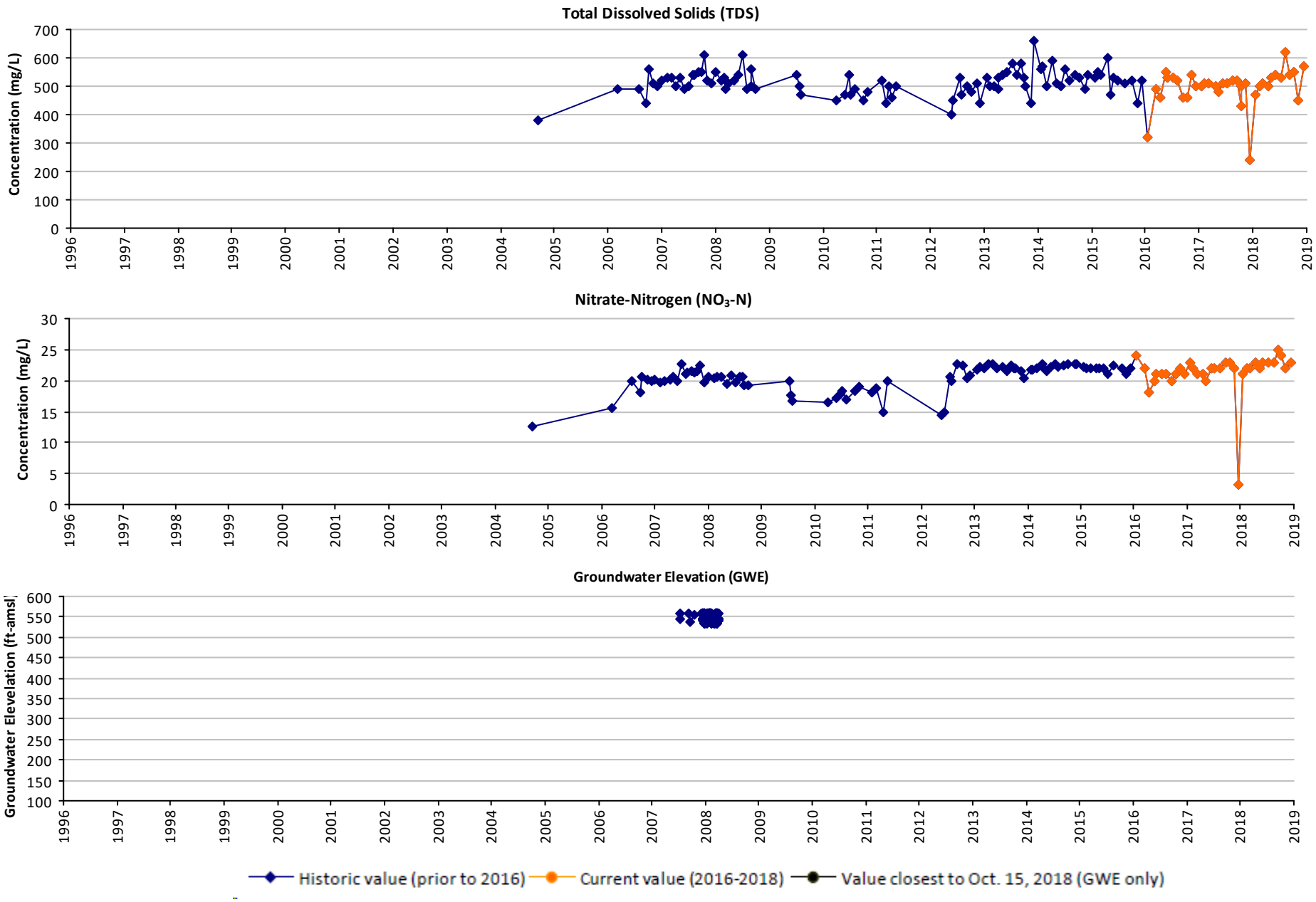

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

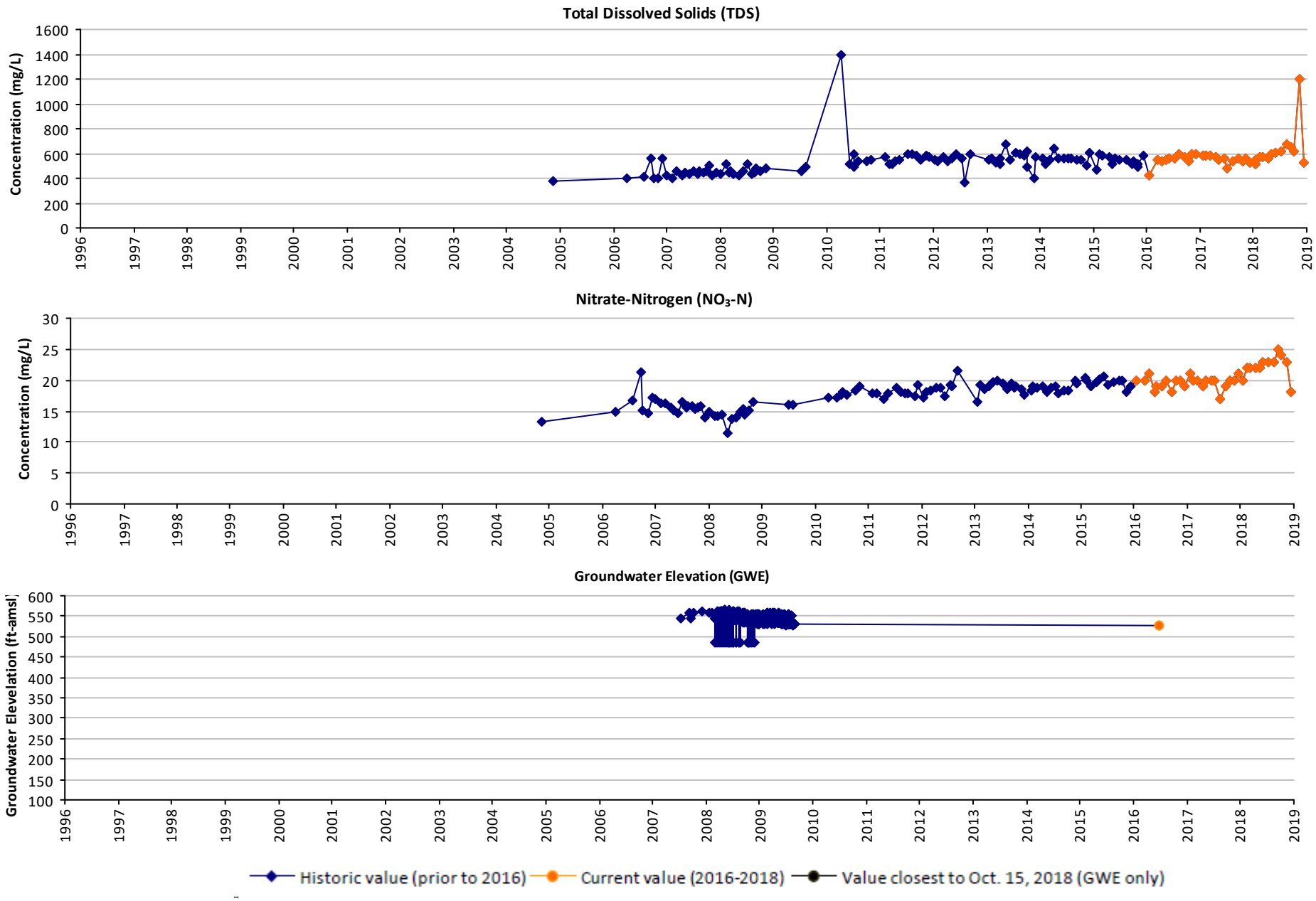

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

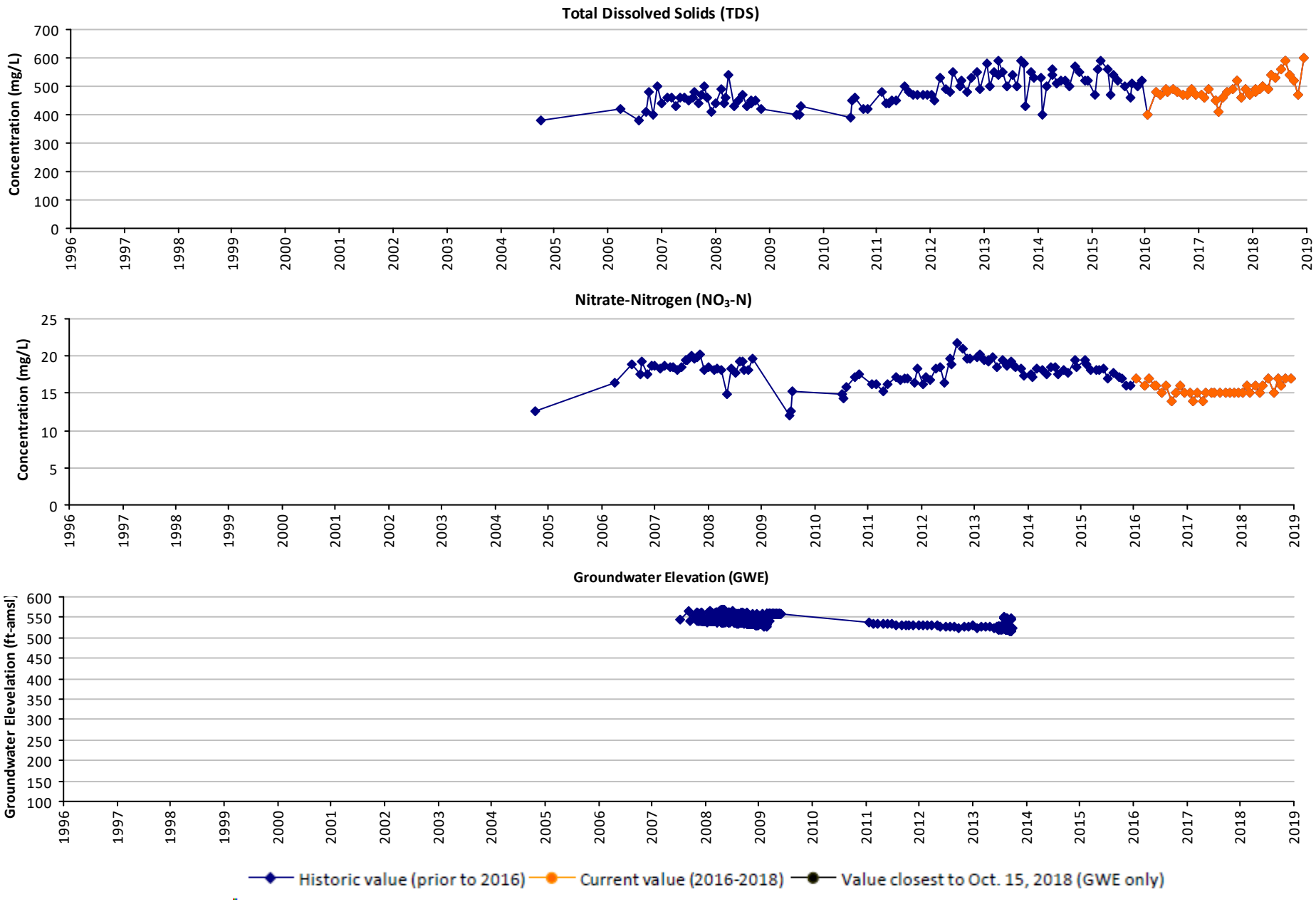

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

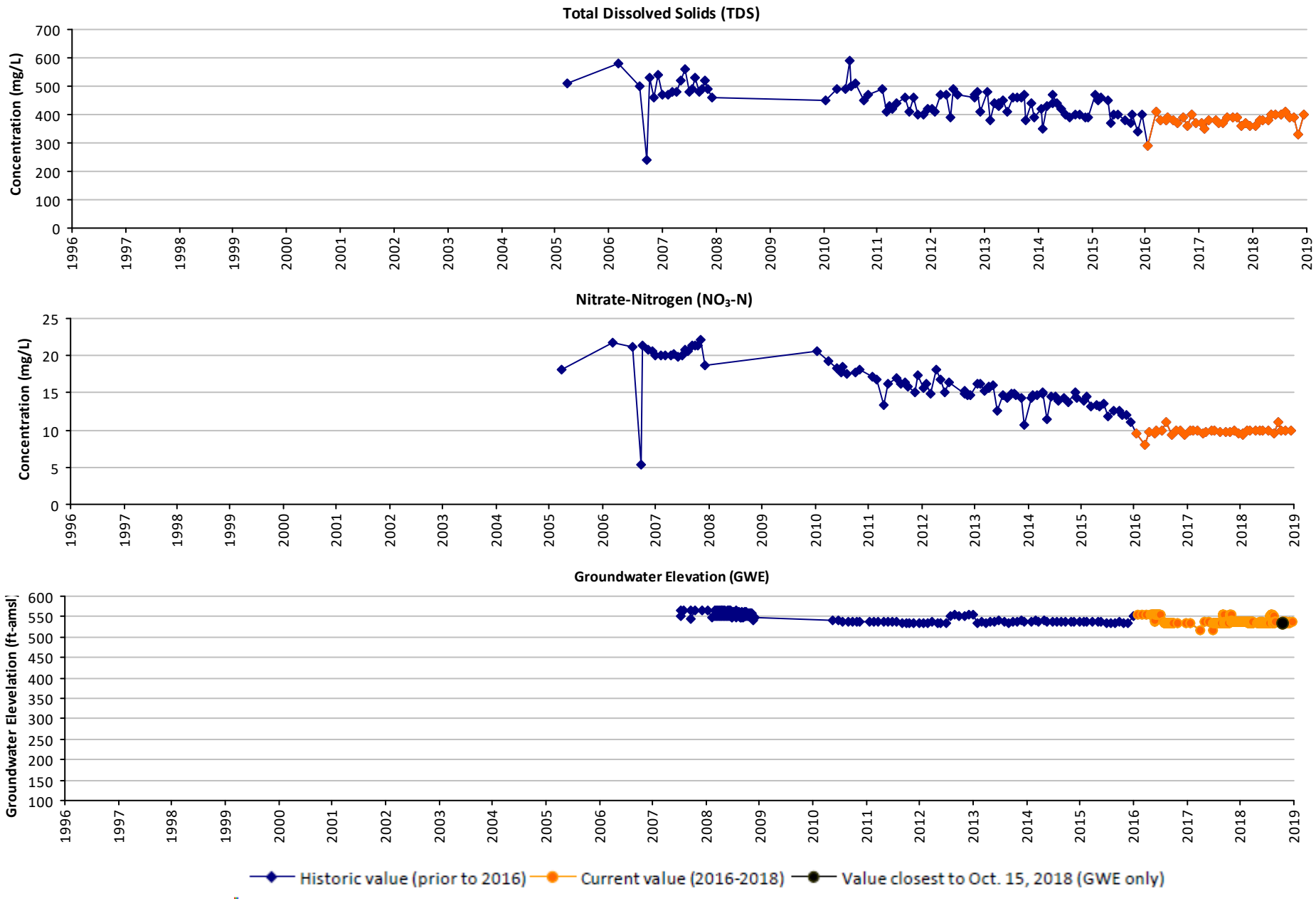

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

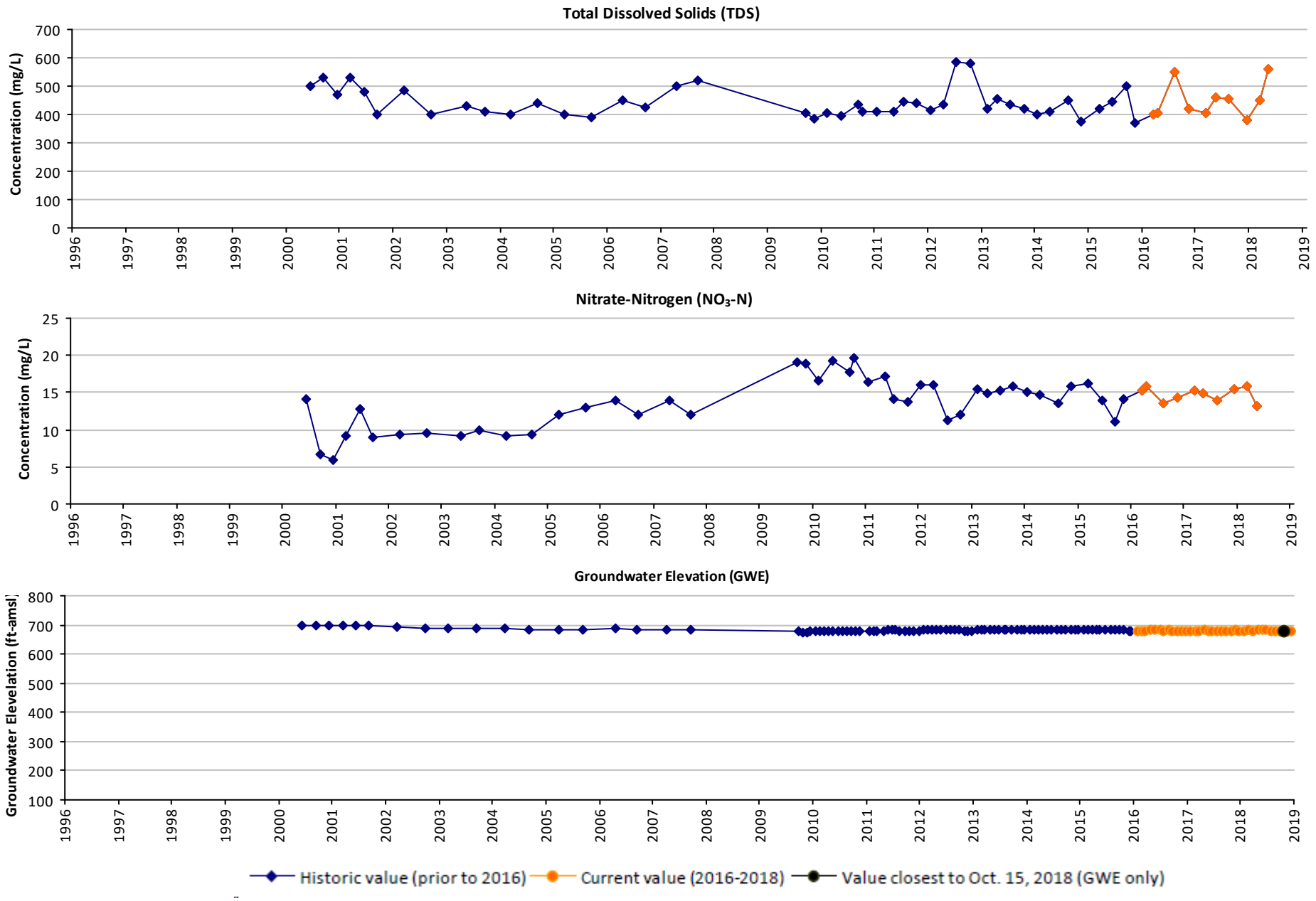

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

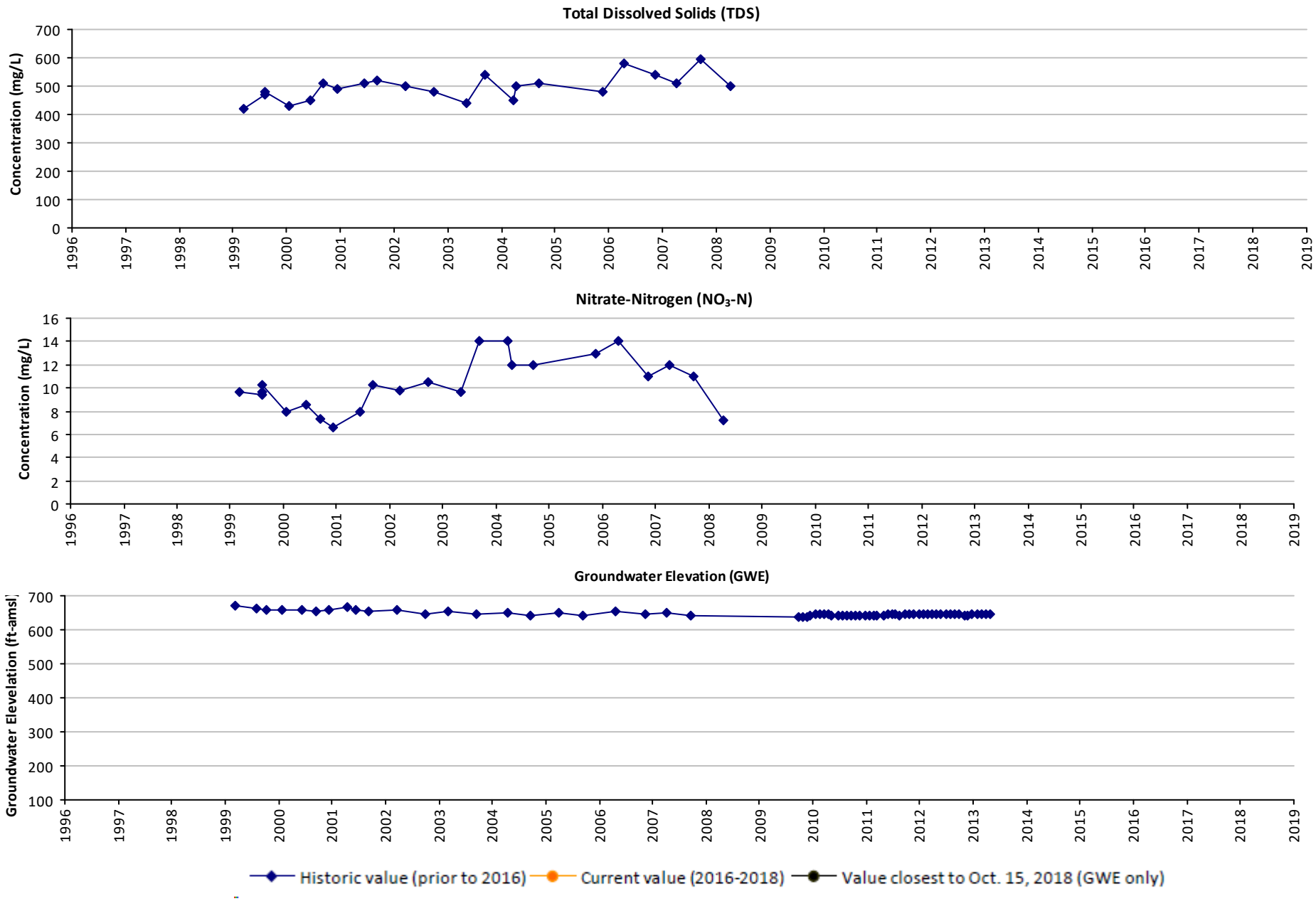

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

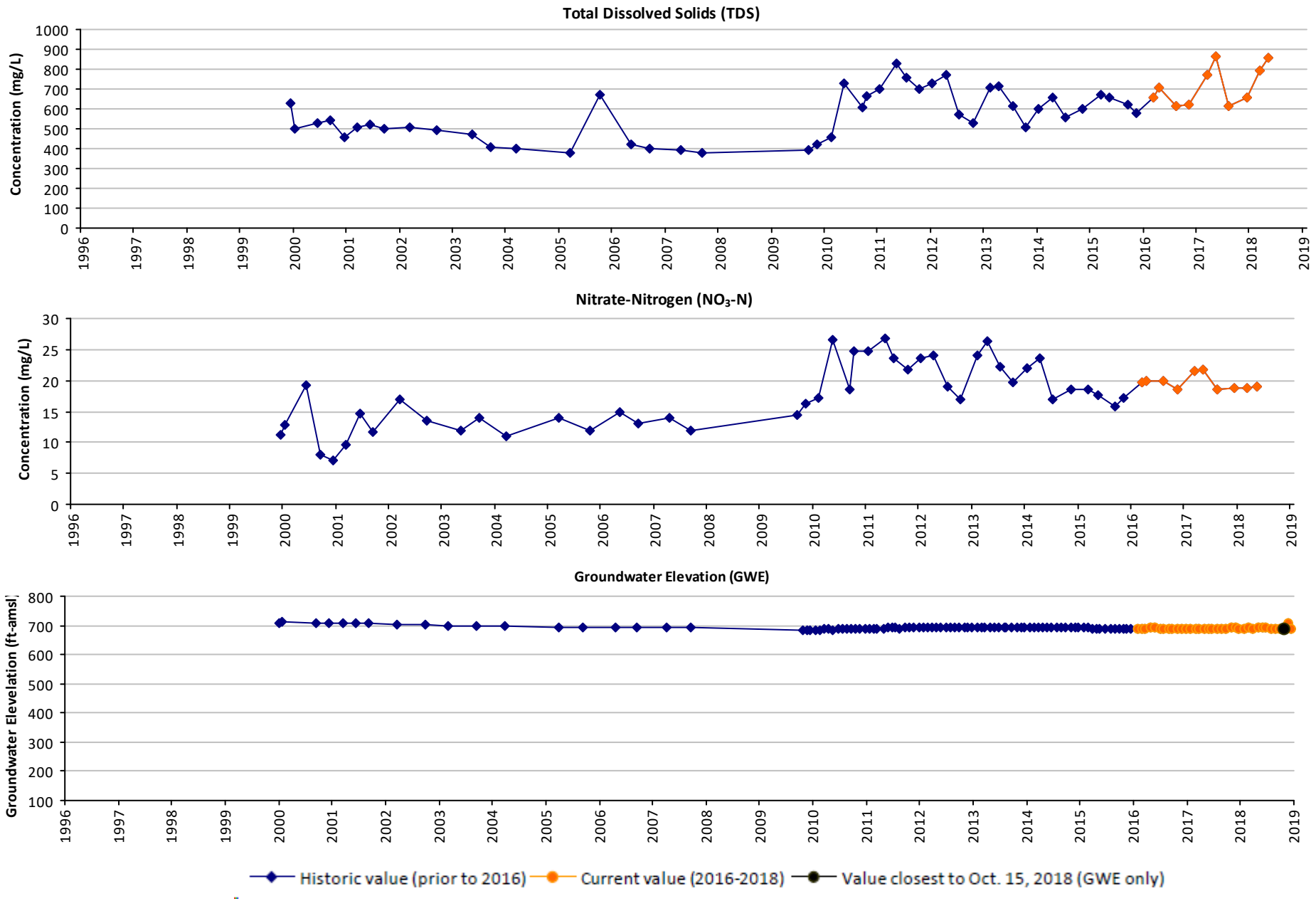

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

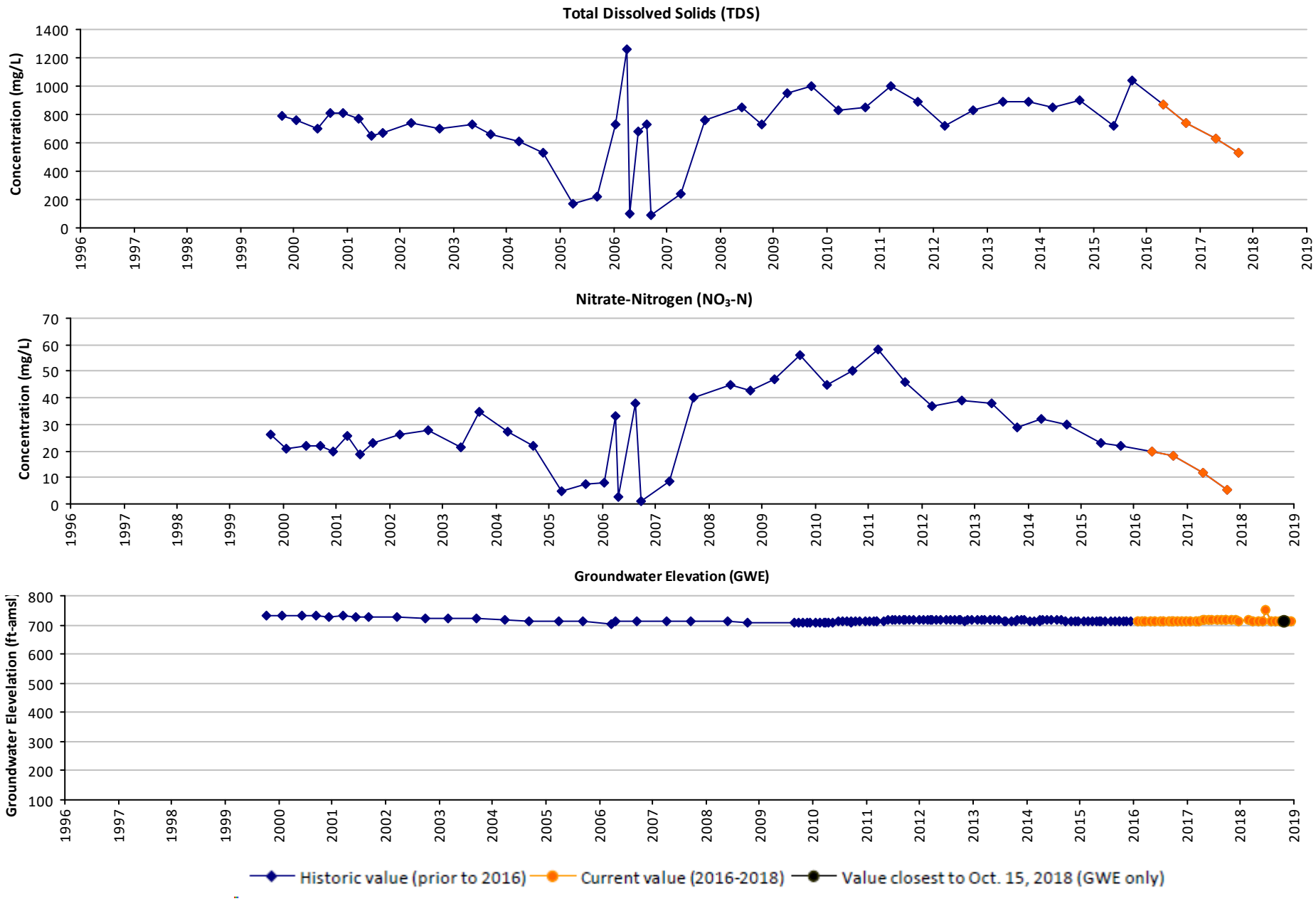

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

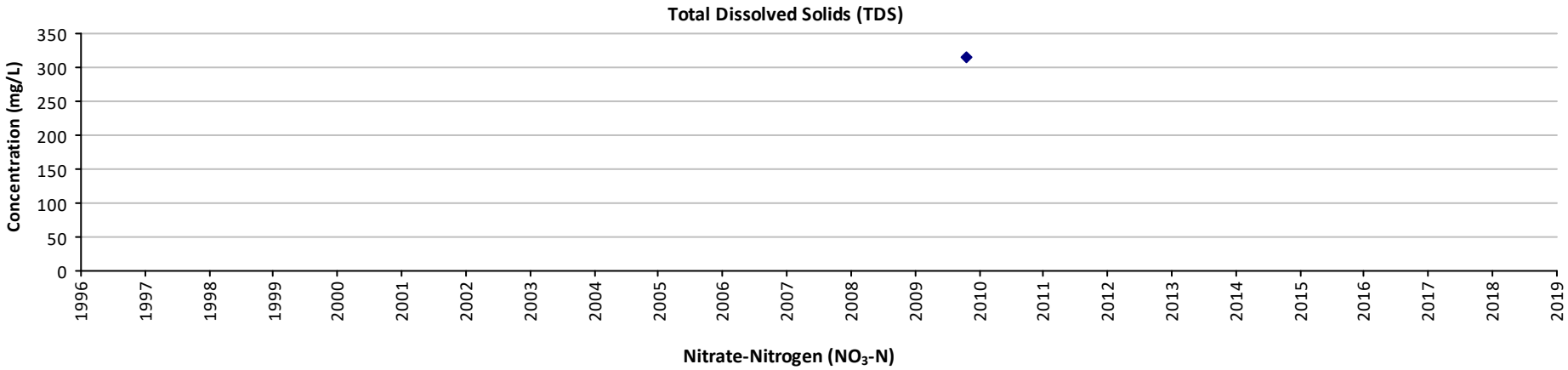

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

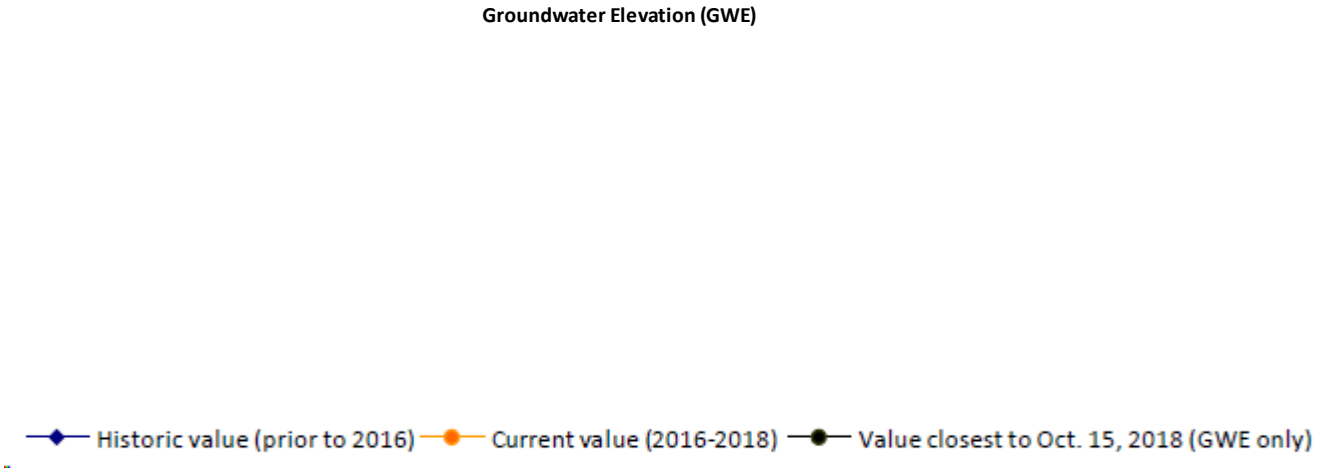

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

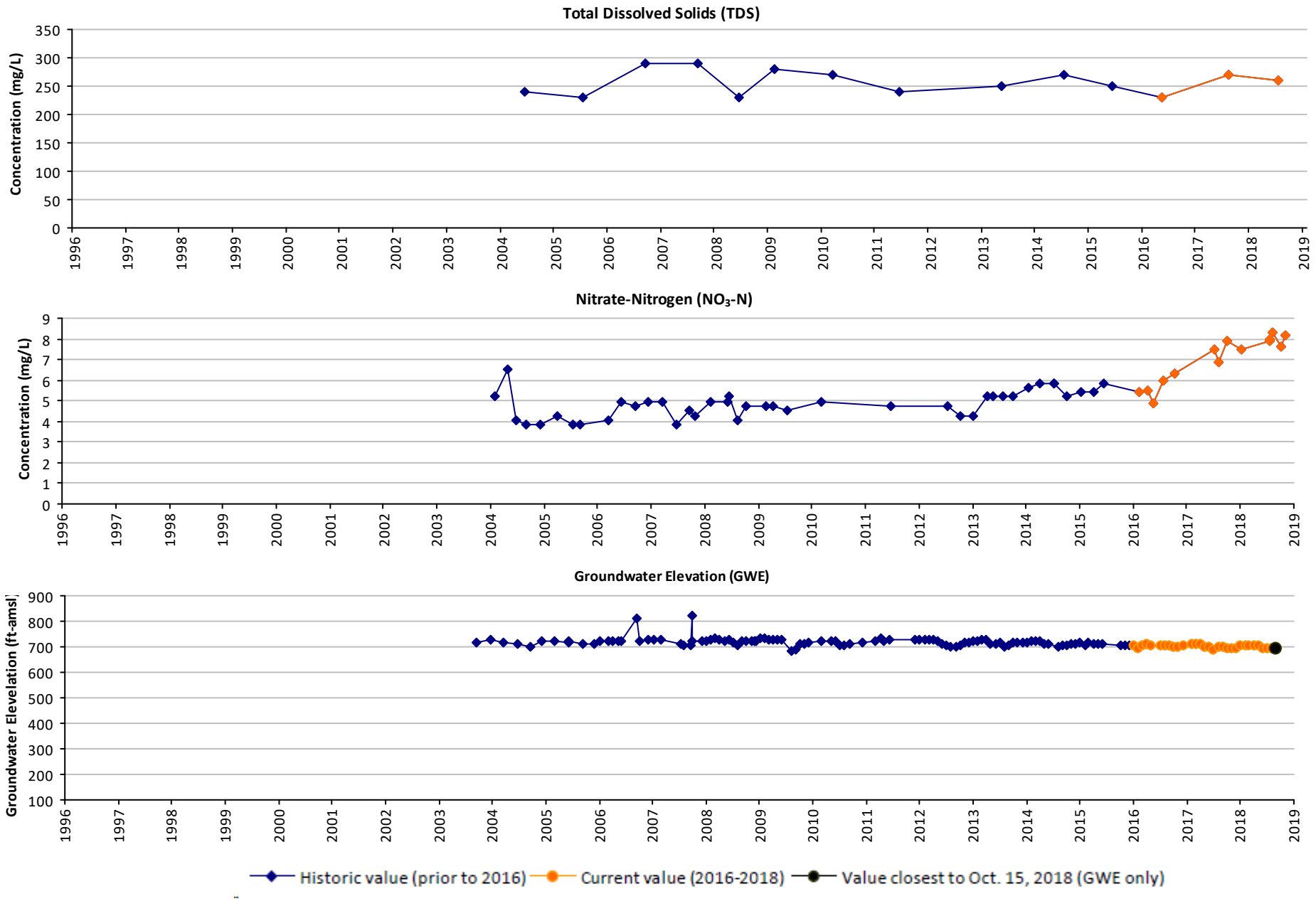

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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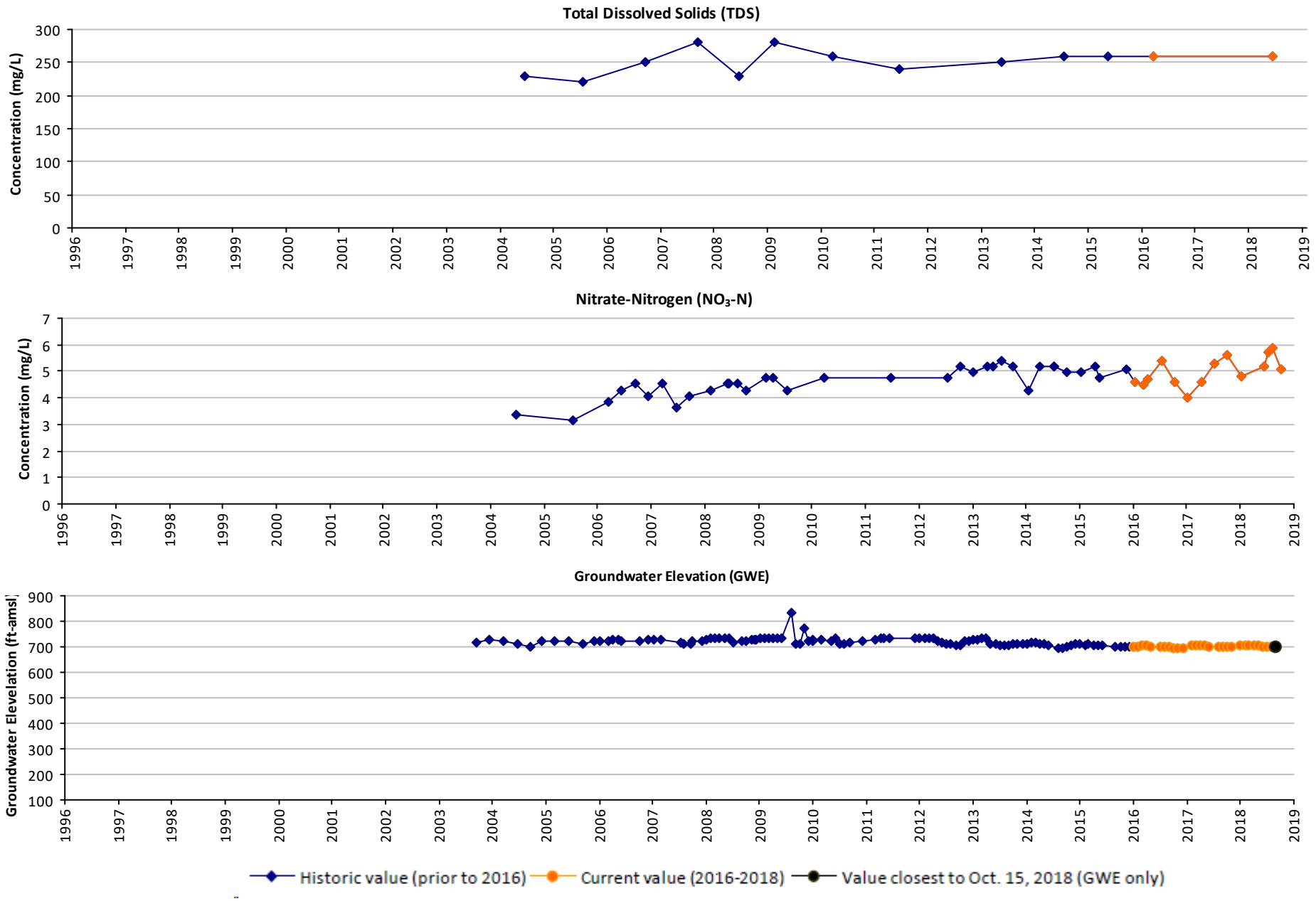
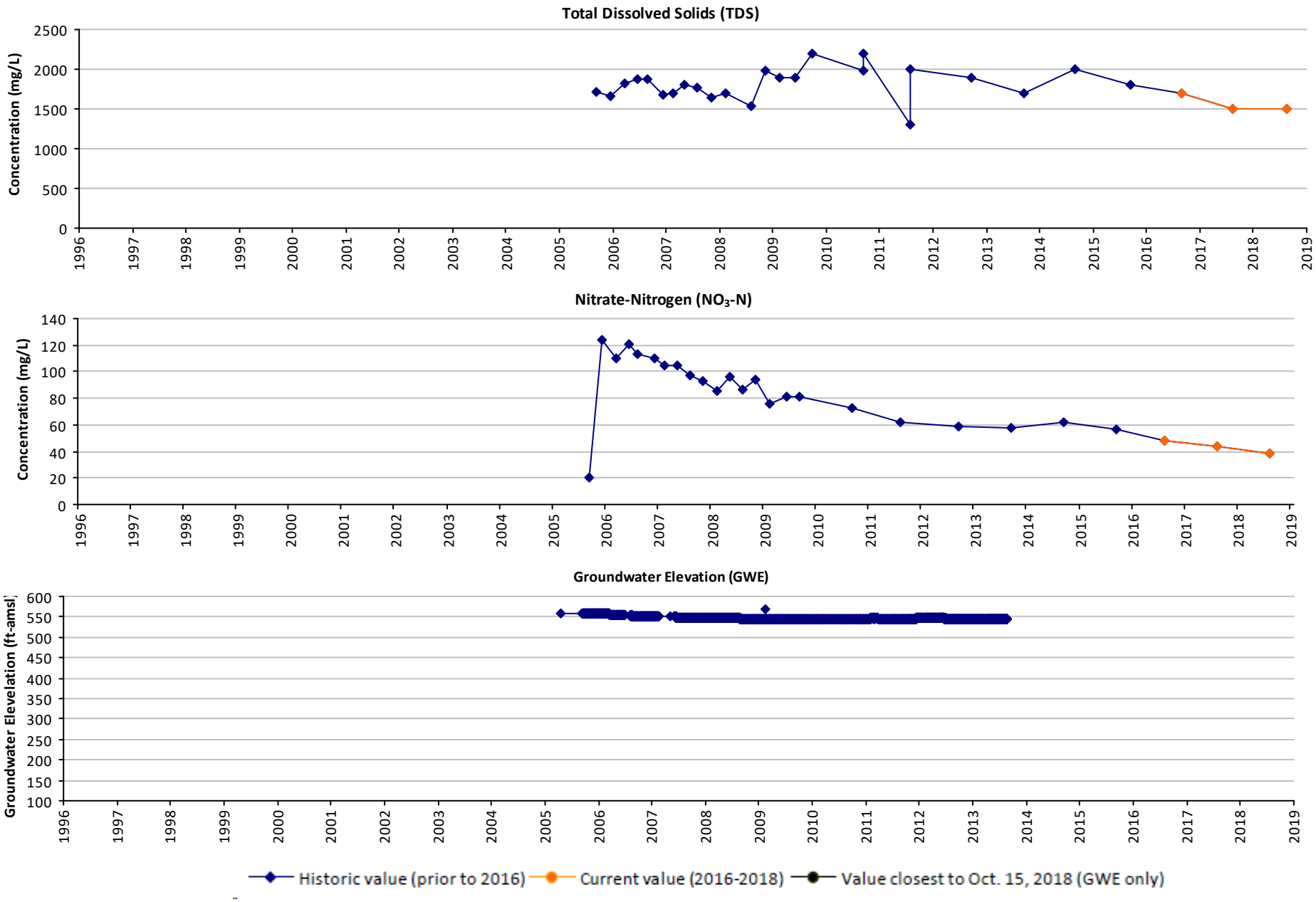
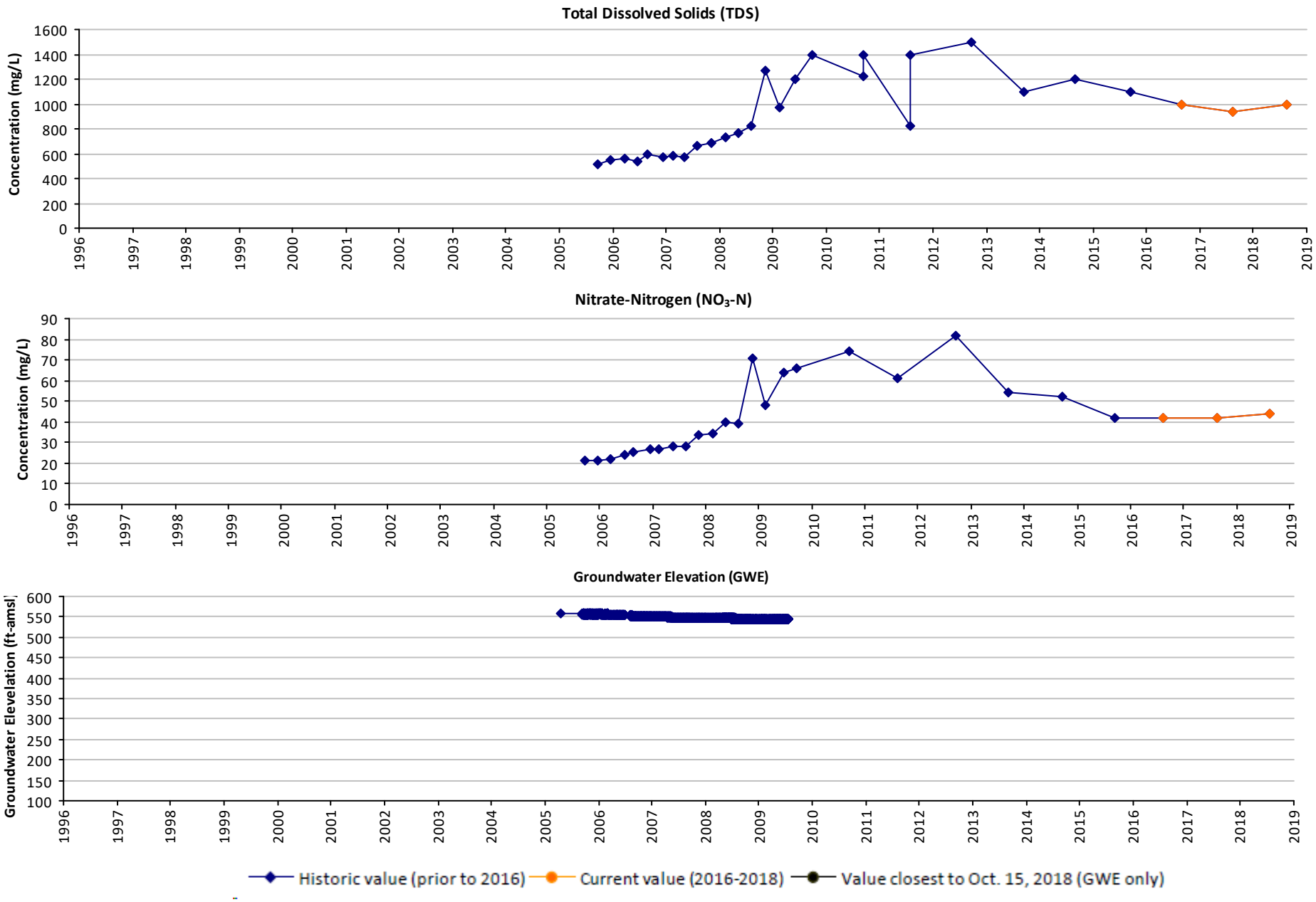

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
140
120
100
80
60
40
20
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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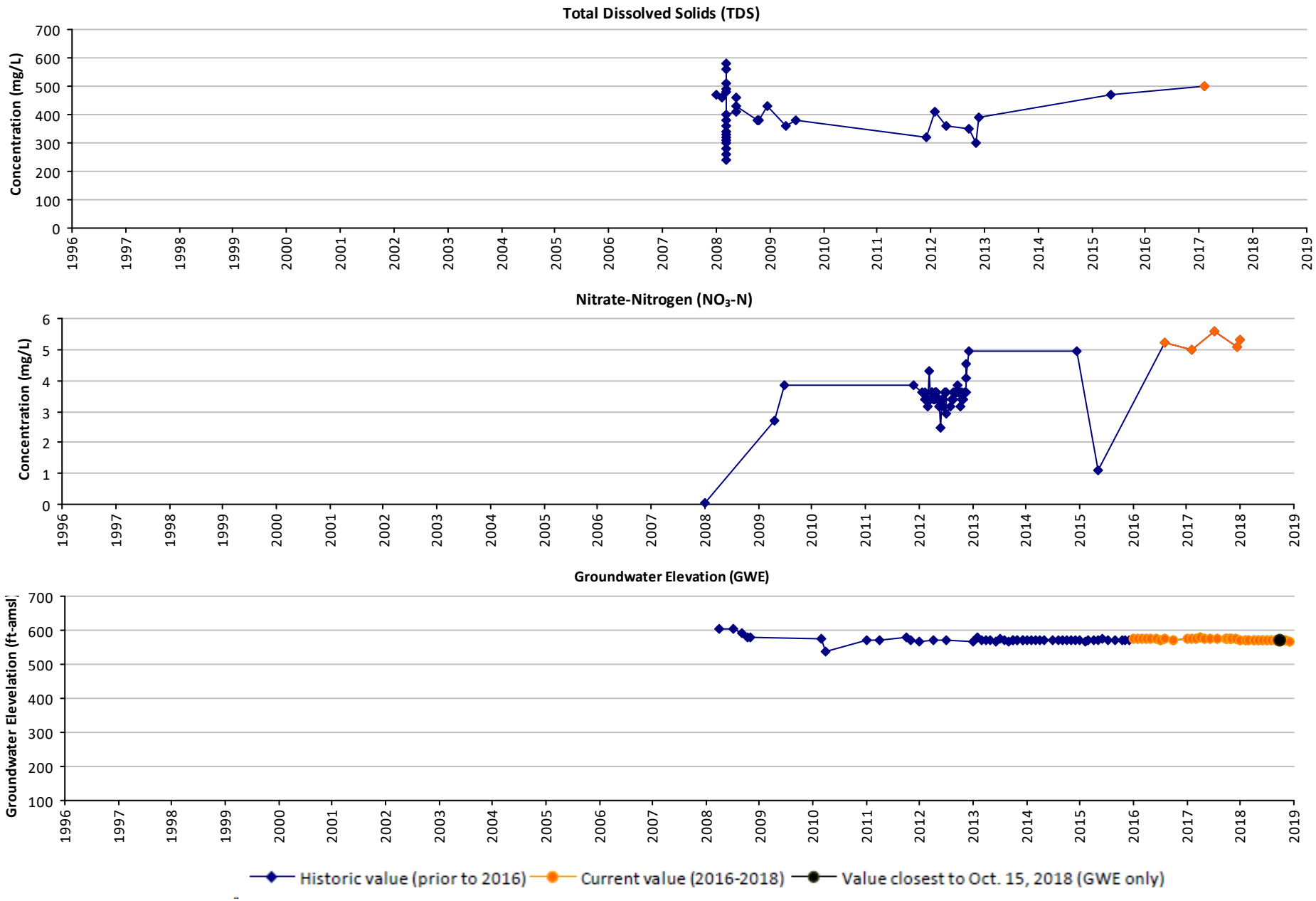
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Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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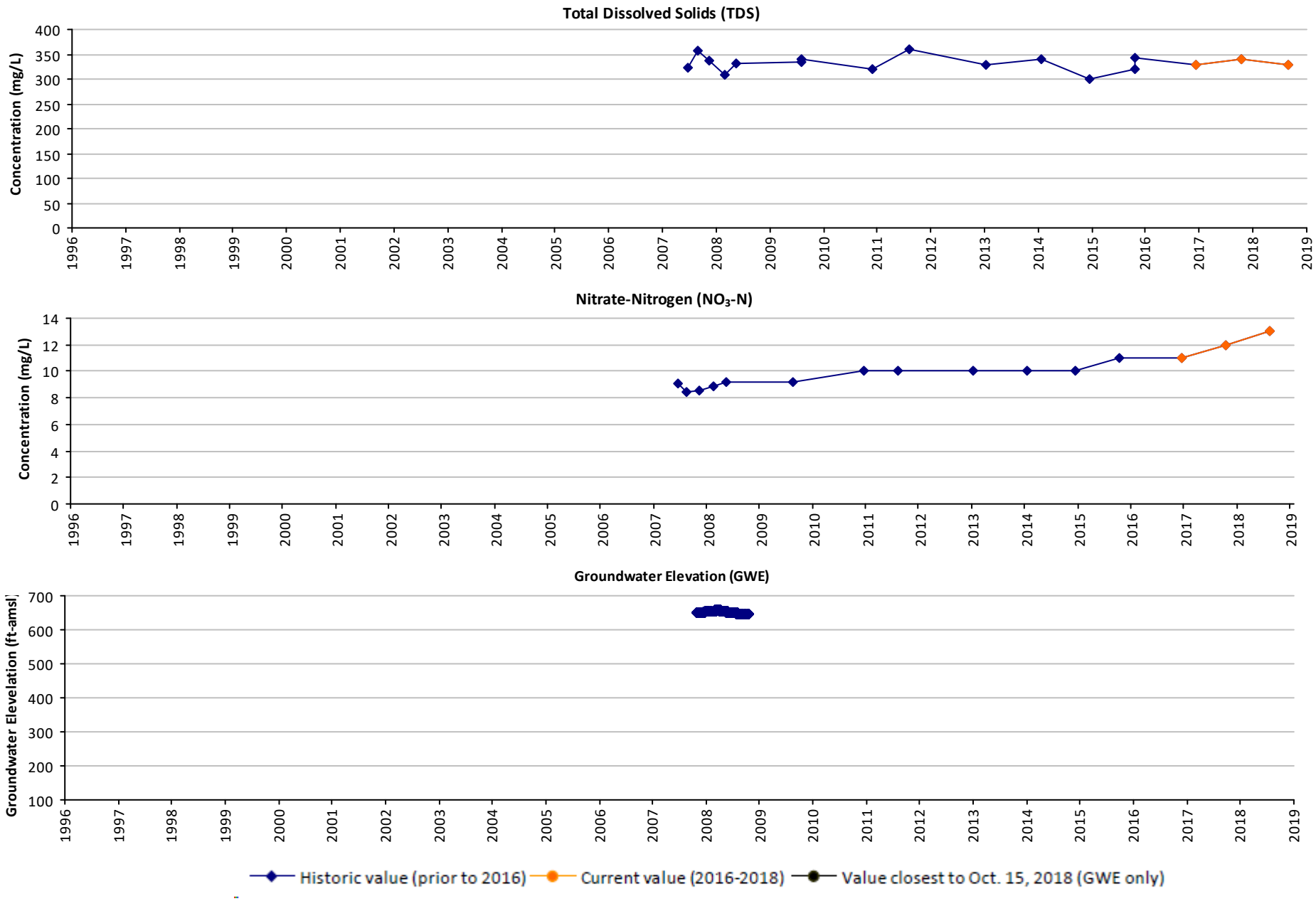
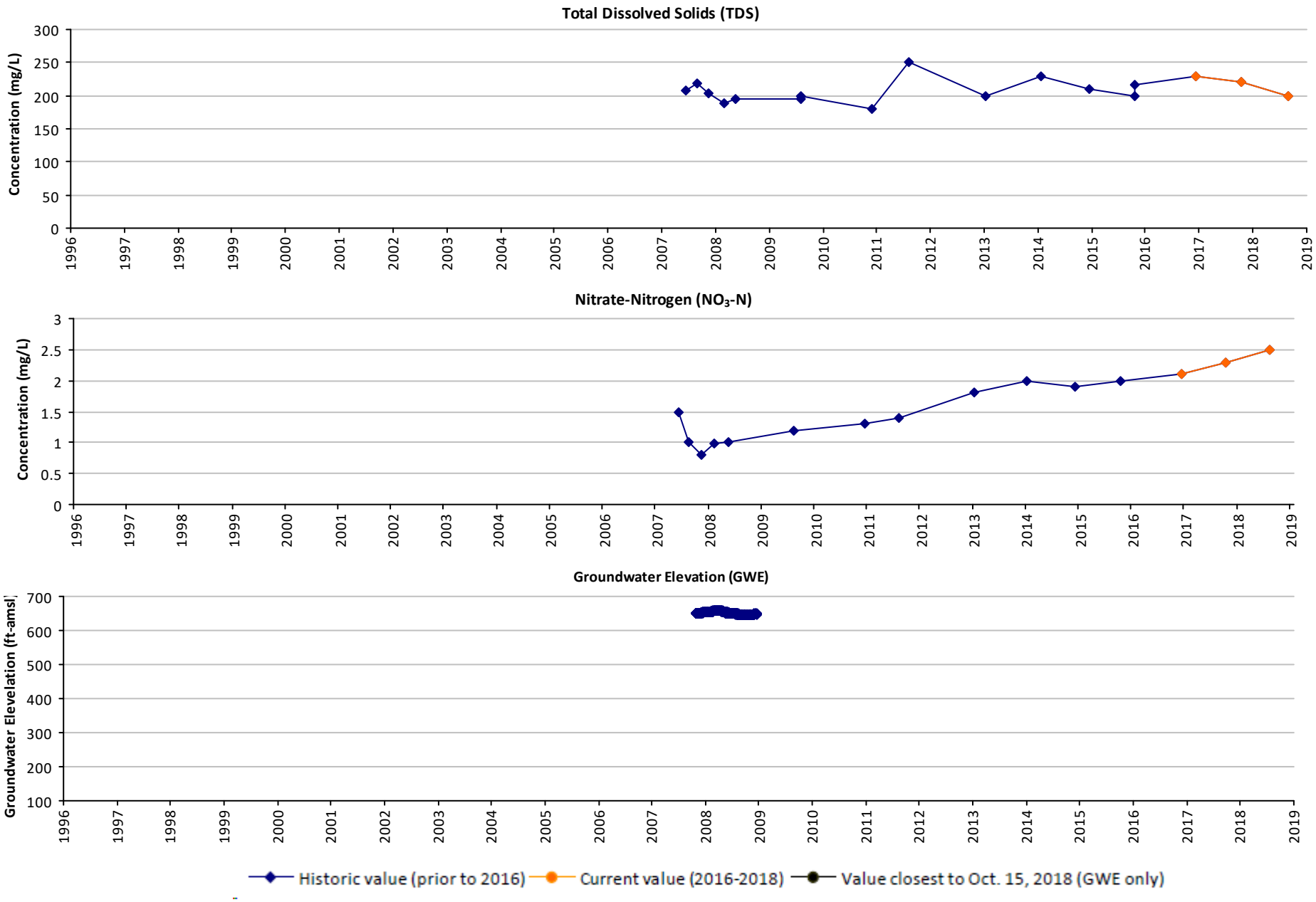

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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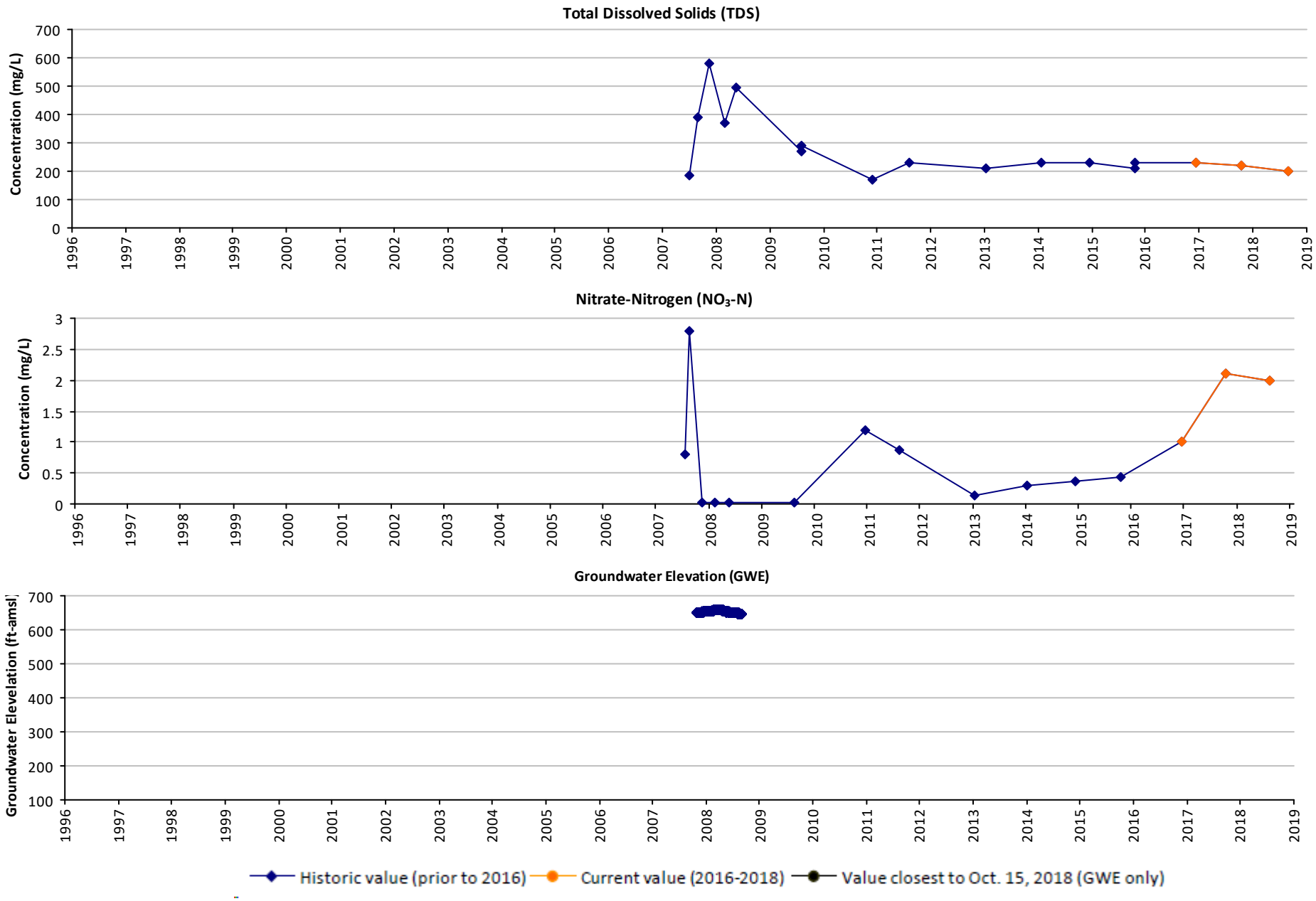
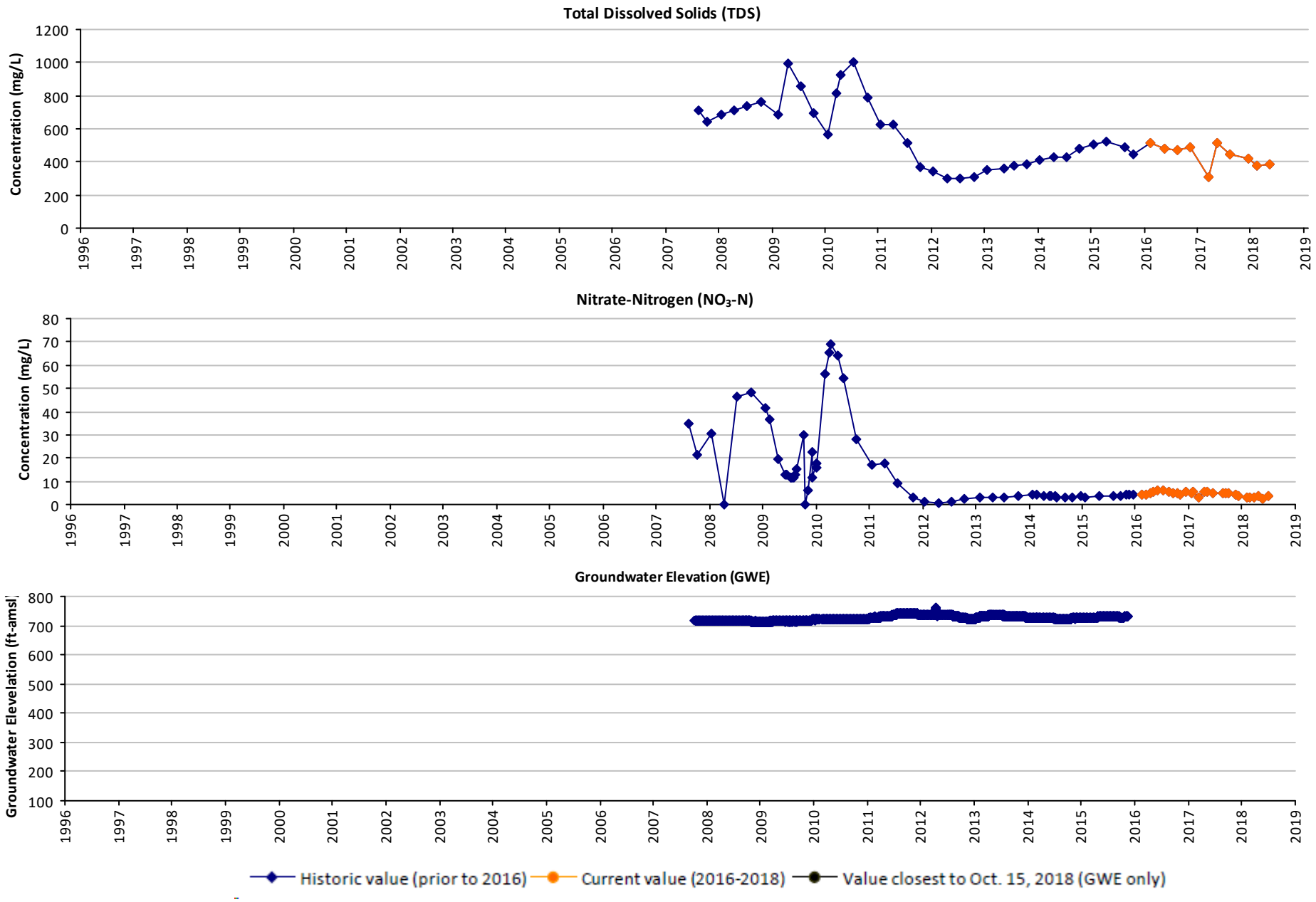
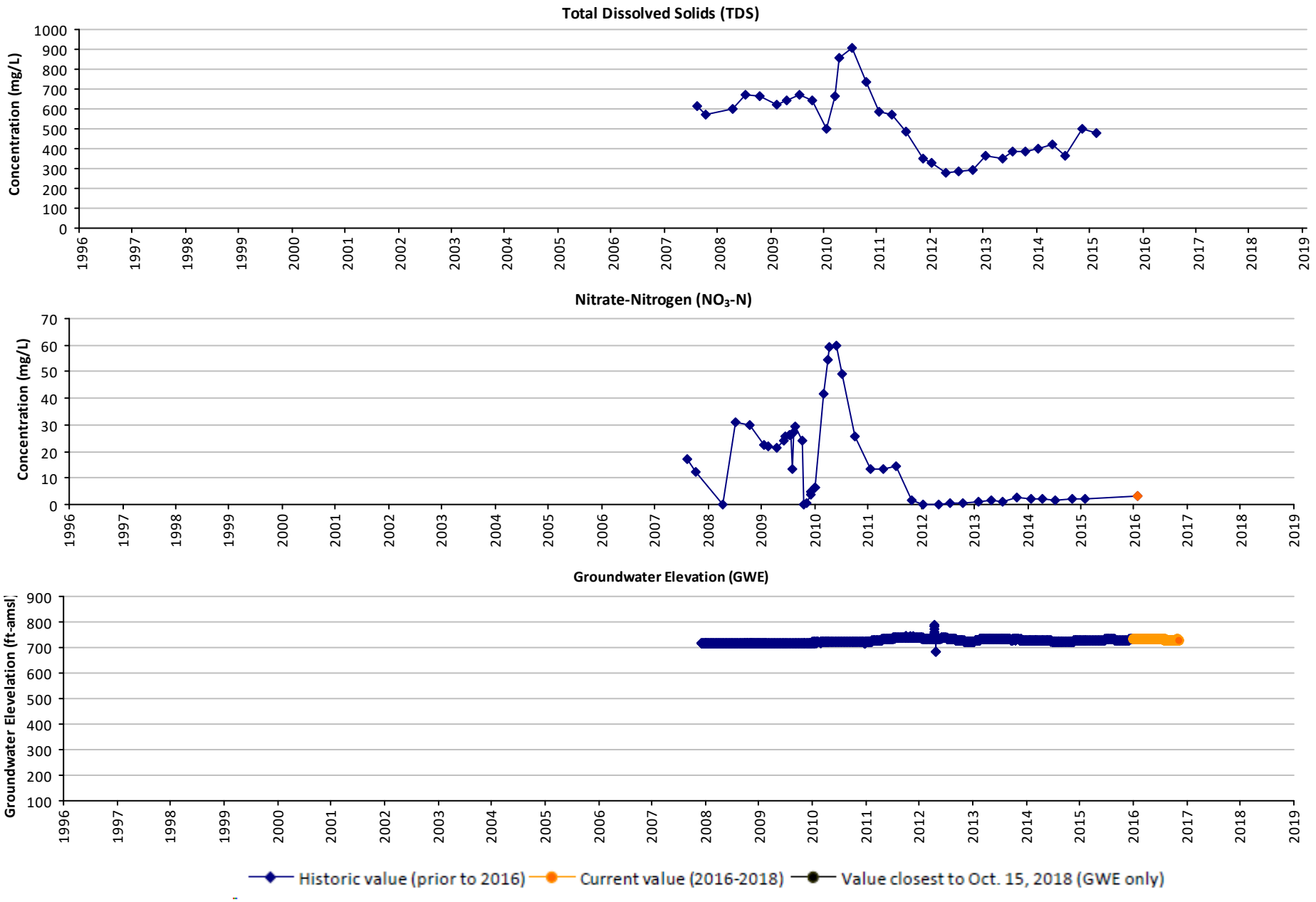
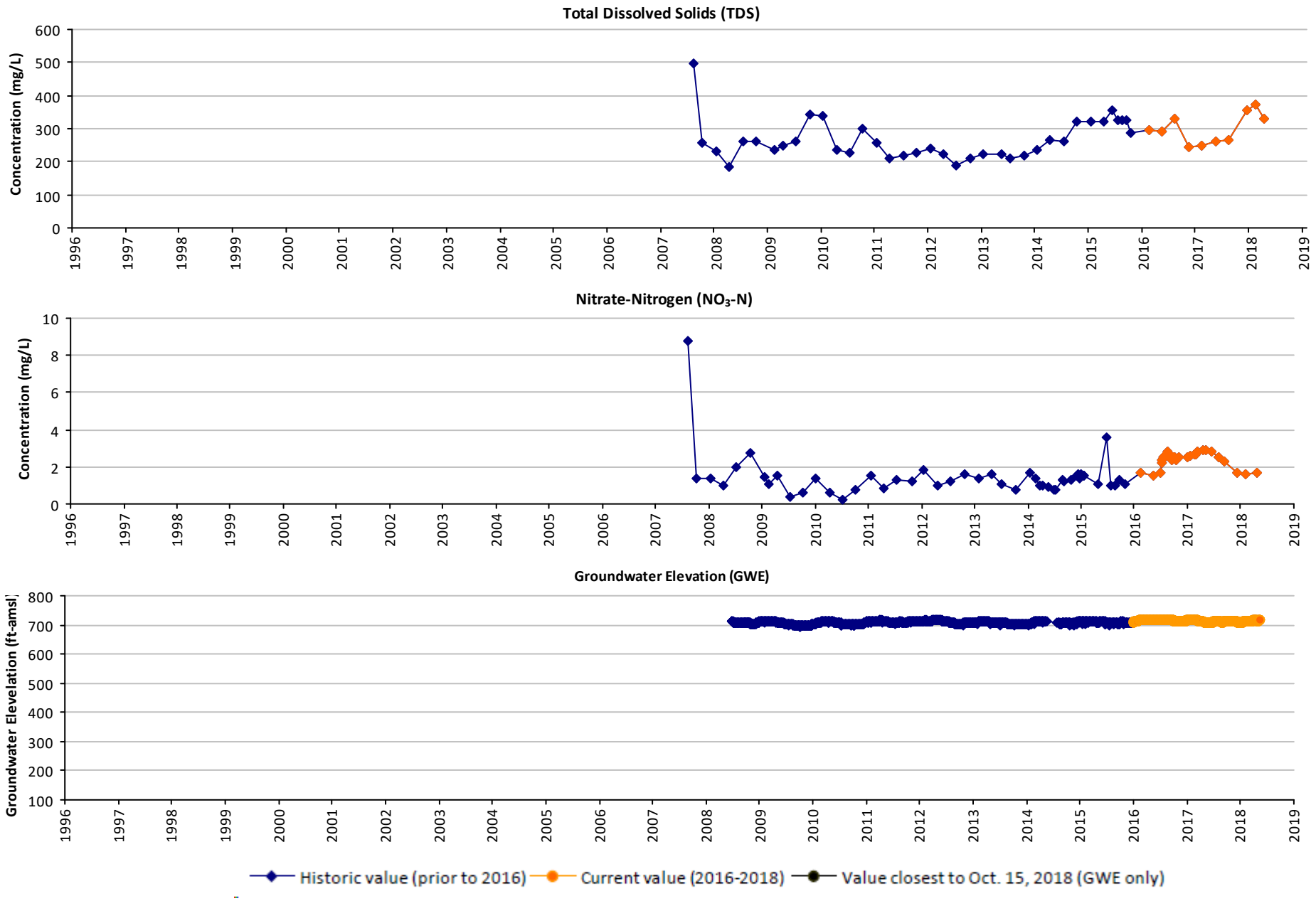

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

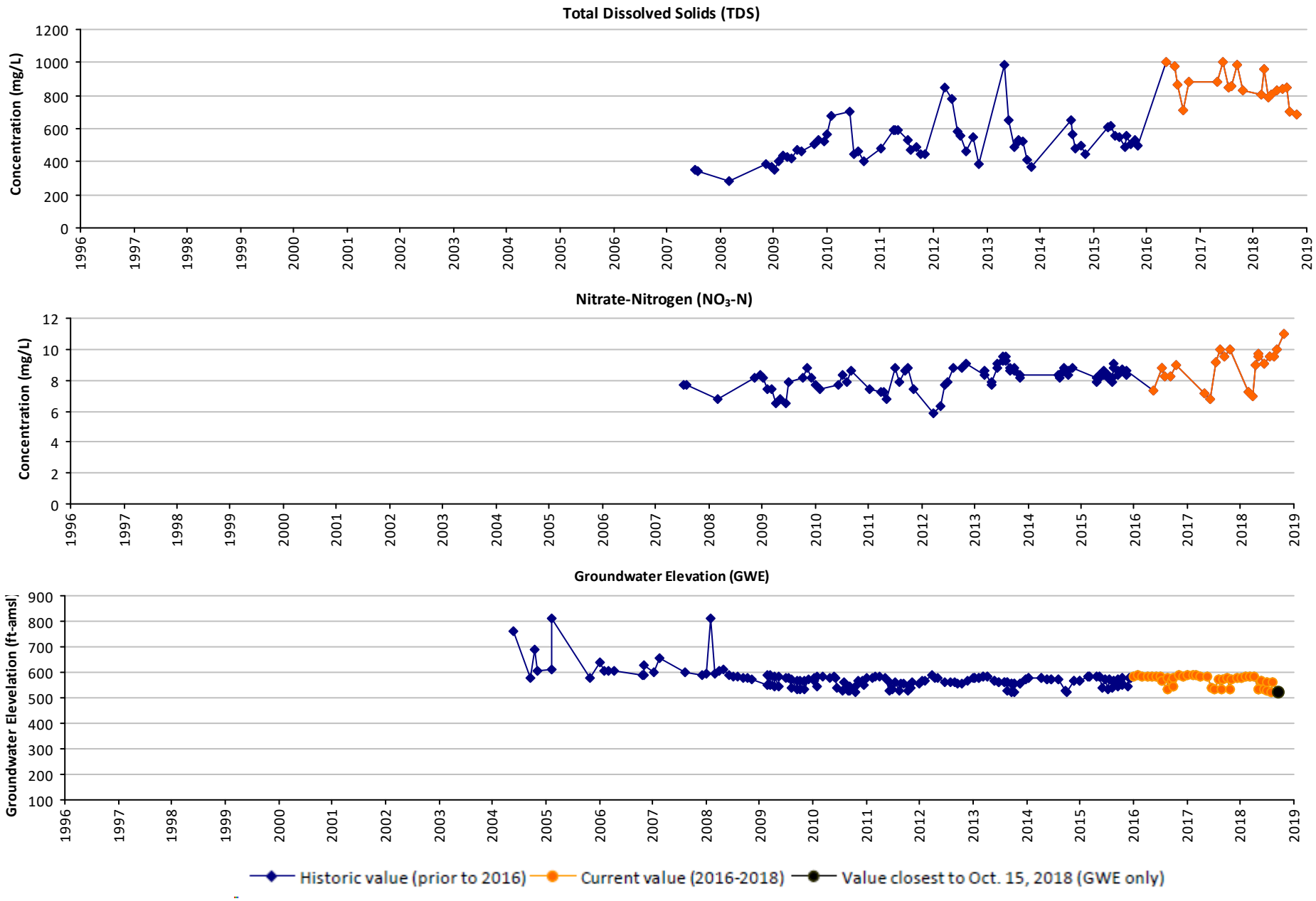
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

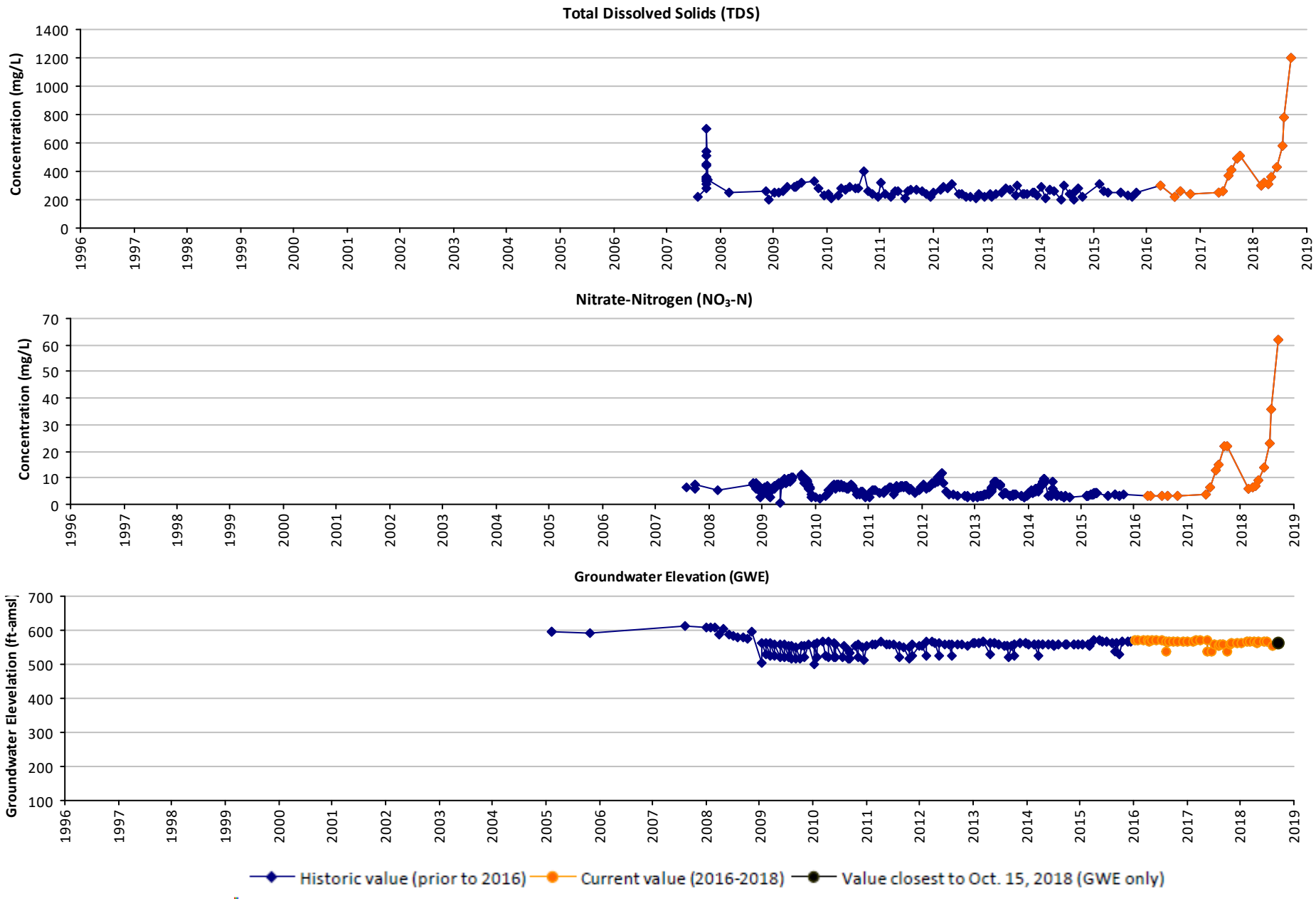
Well ID: 1208822
Management Zone: Chino-3/Chino-North




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
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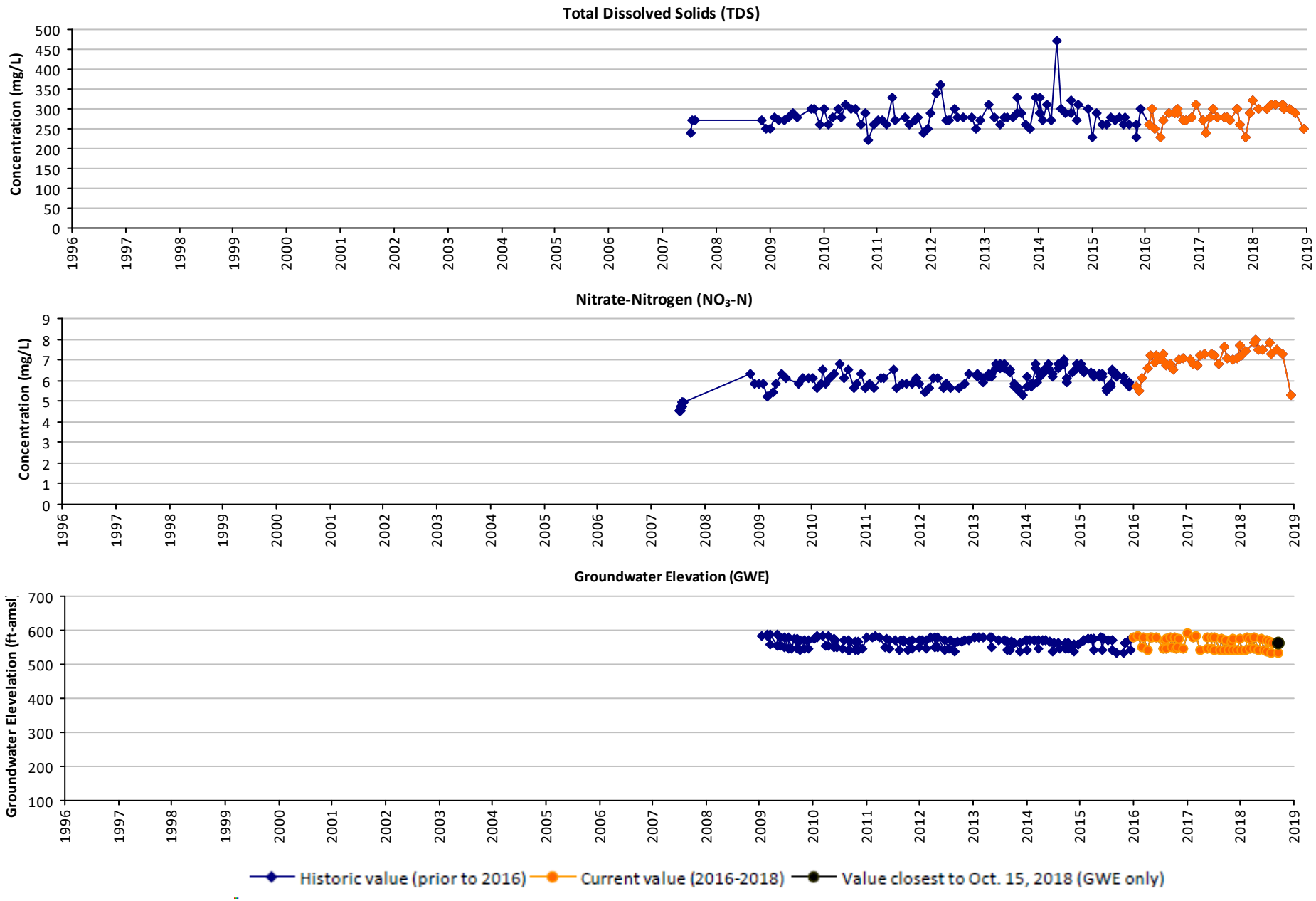
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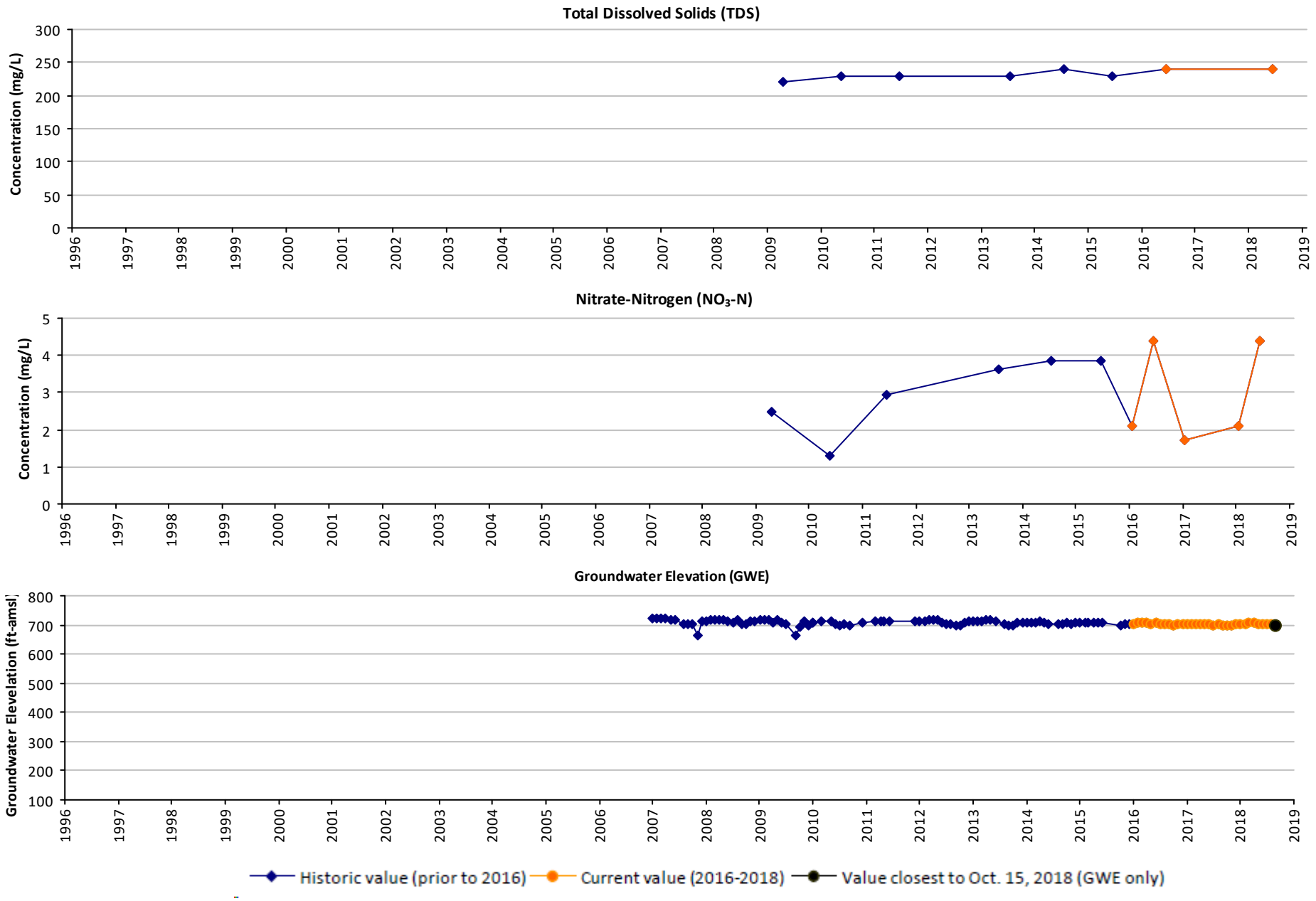
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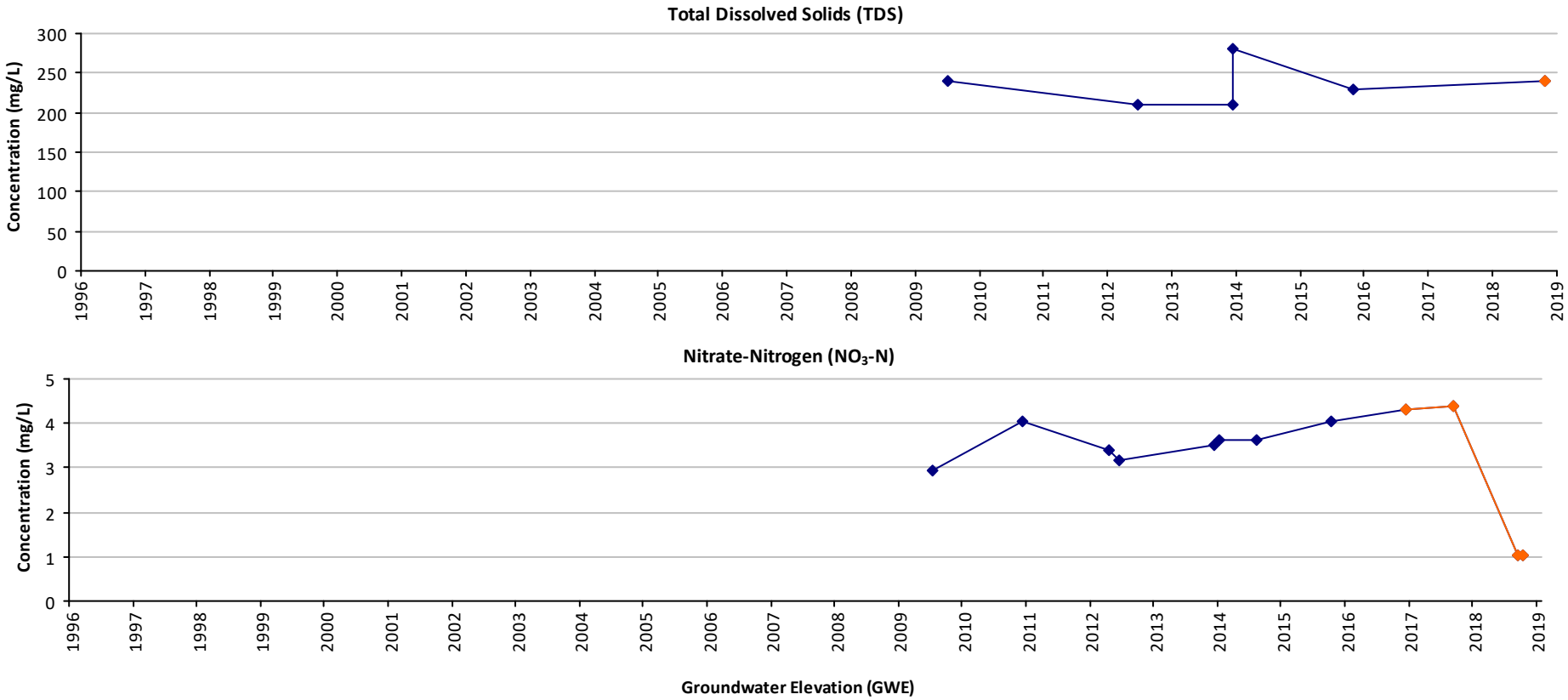
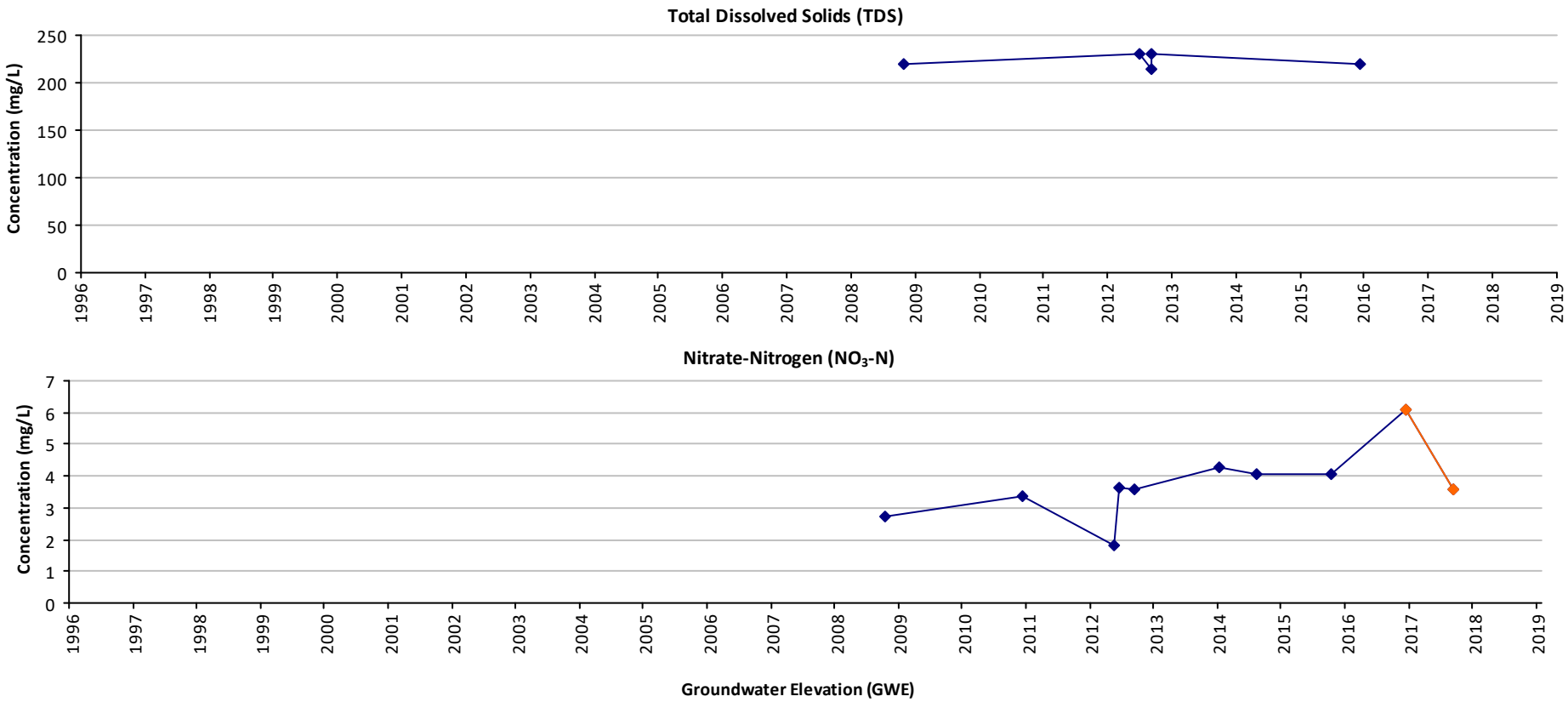

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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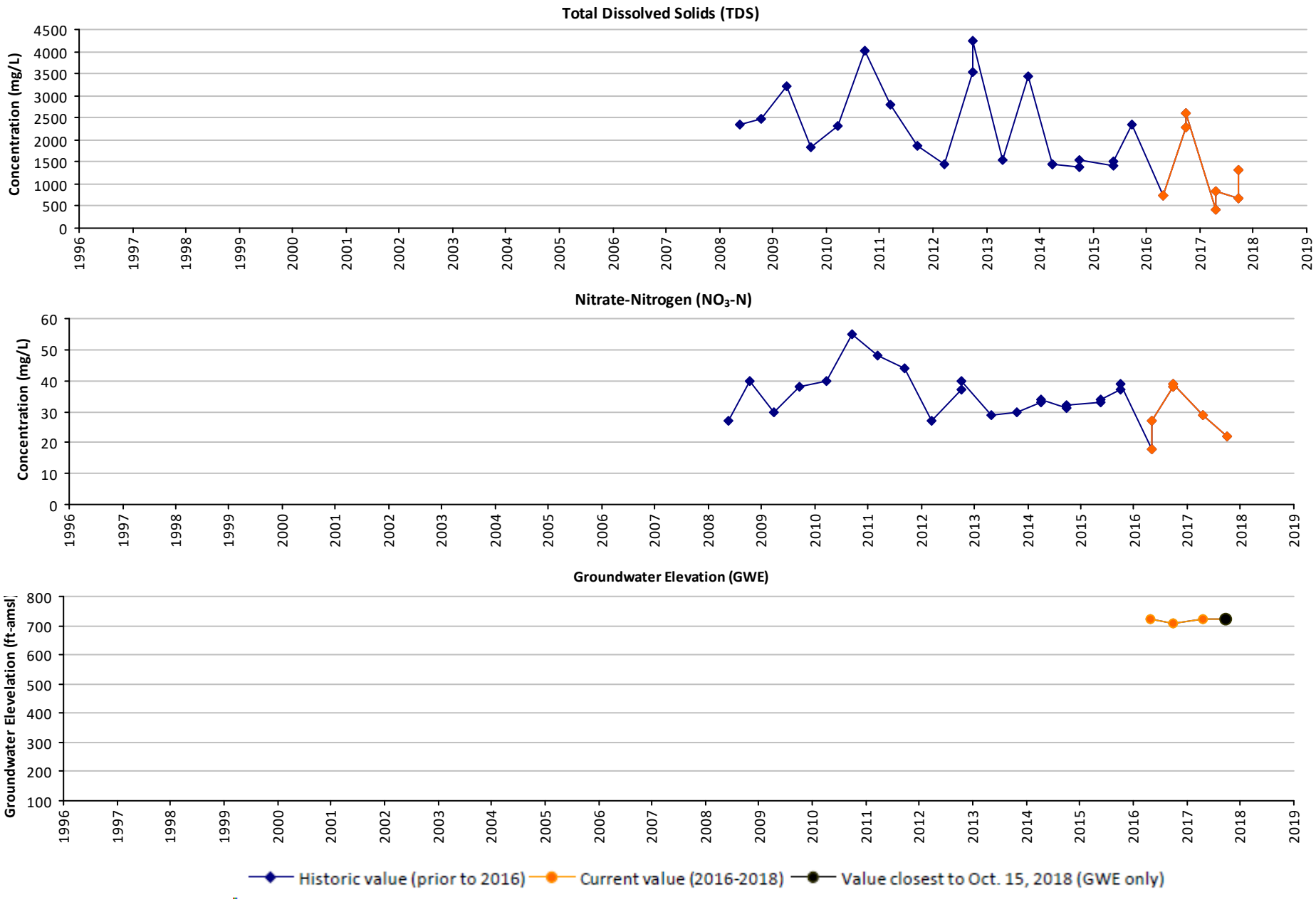
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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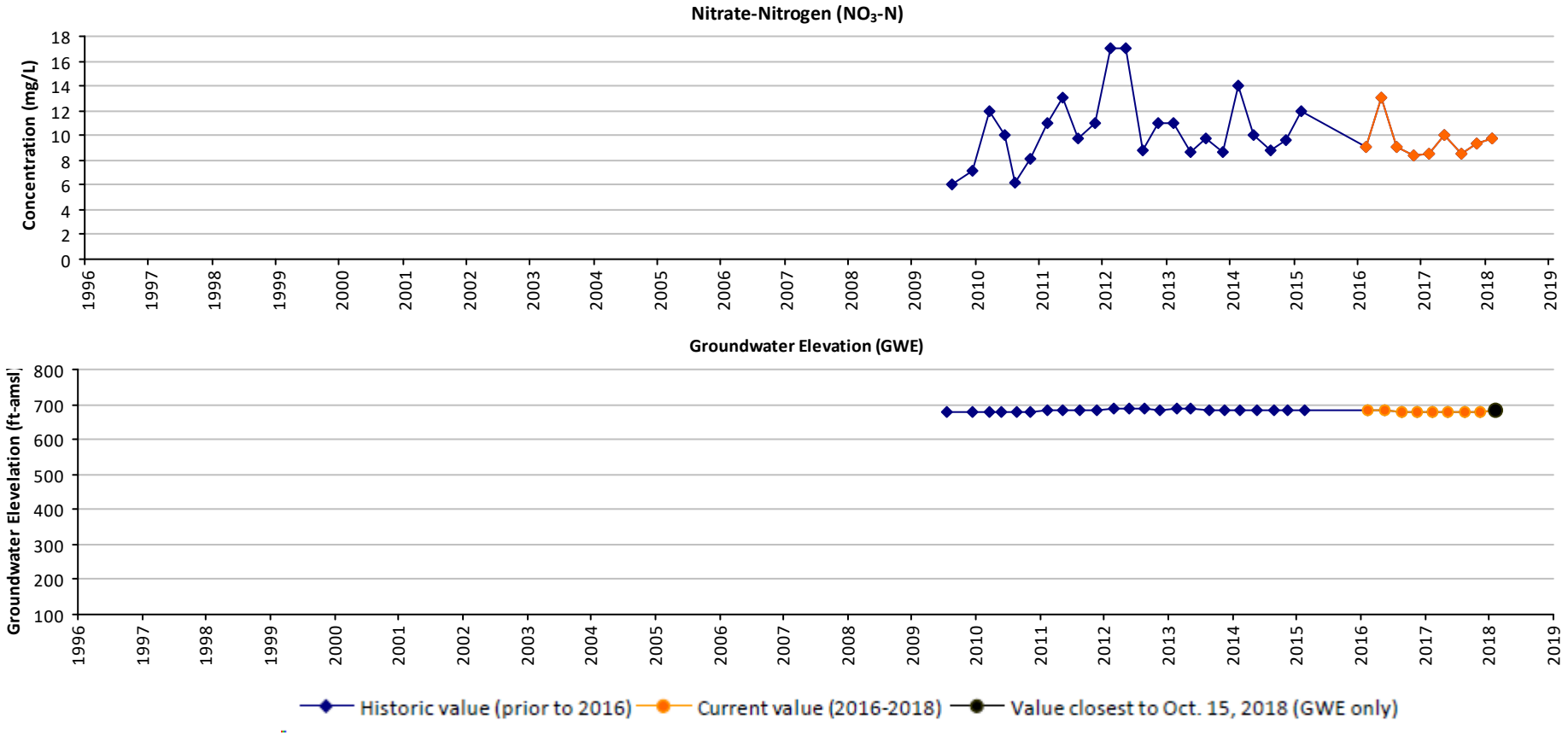
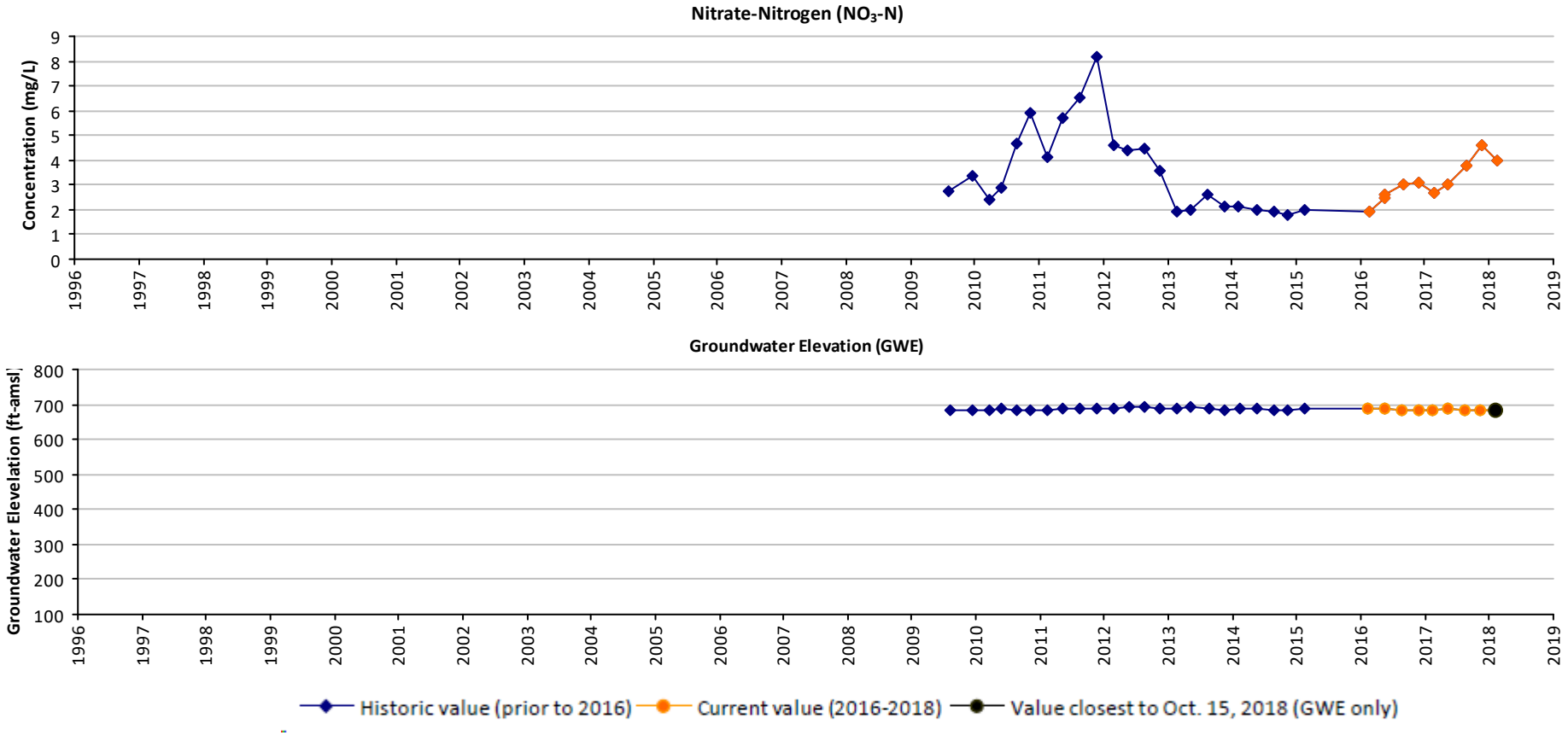
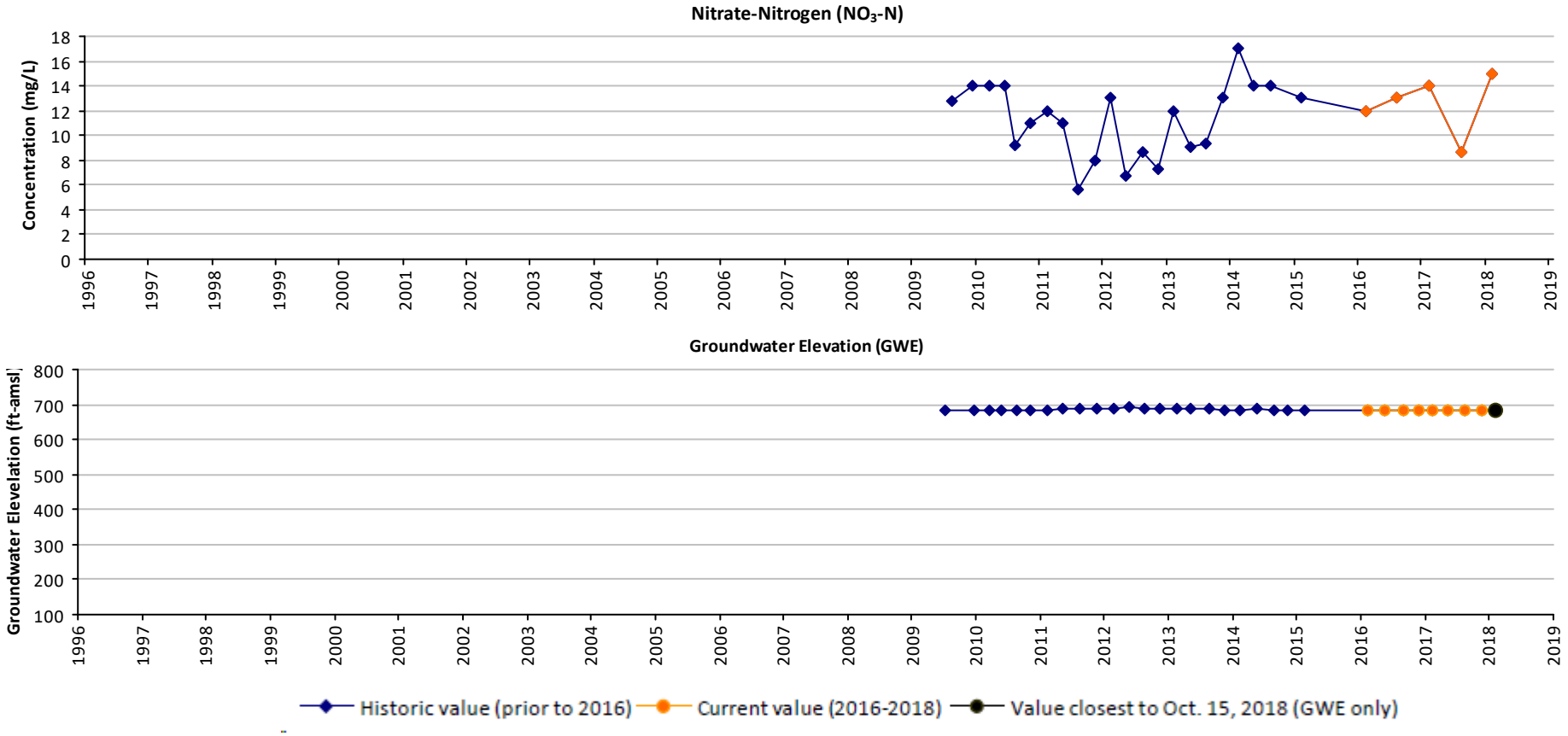


Total Dissolved Solids (TDS)

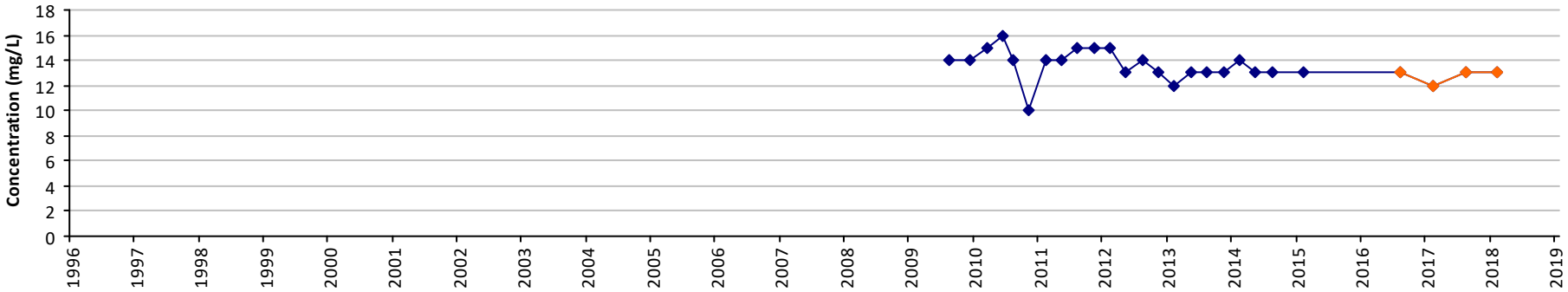


Total Dissolved Solids (TDS)

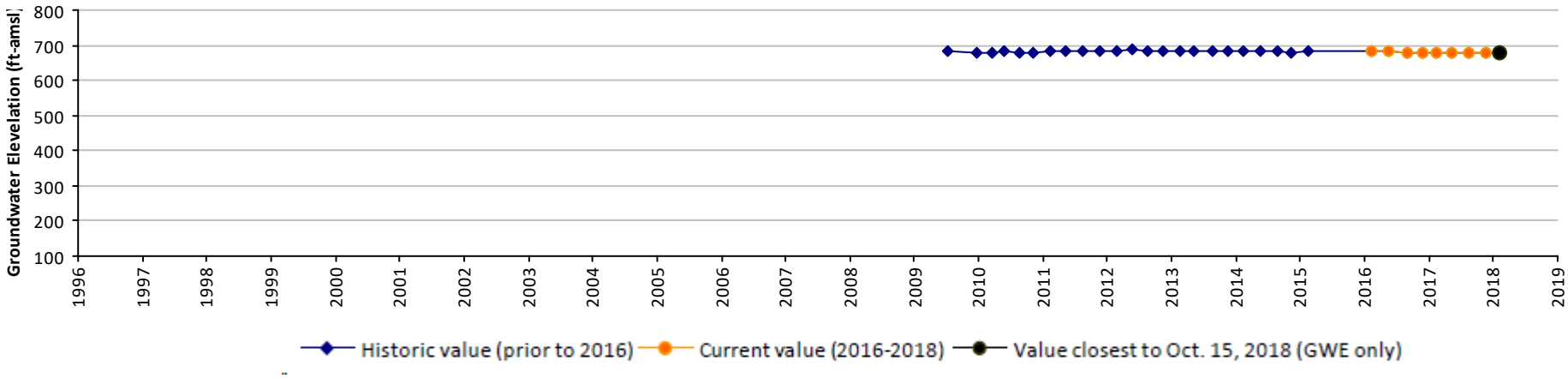


Total Dissolved Solids (TDS)

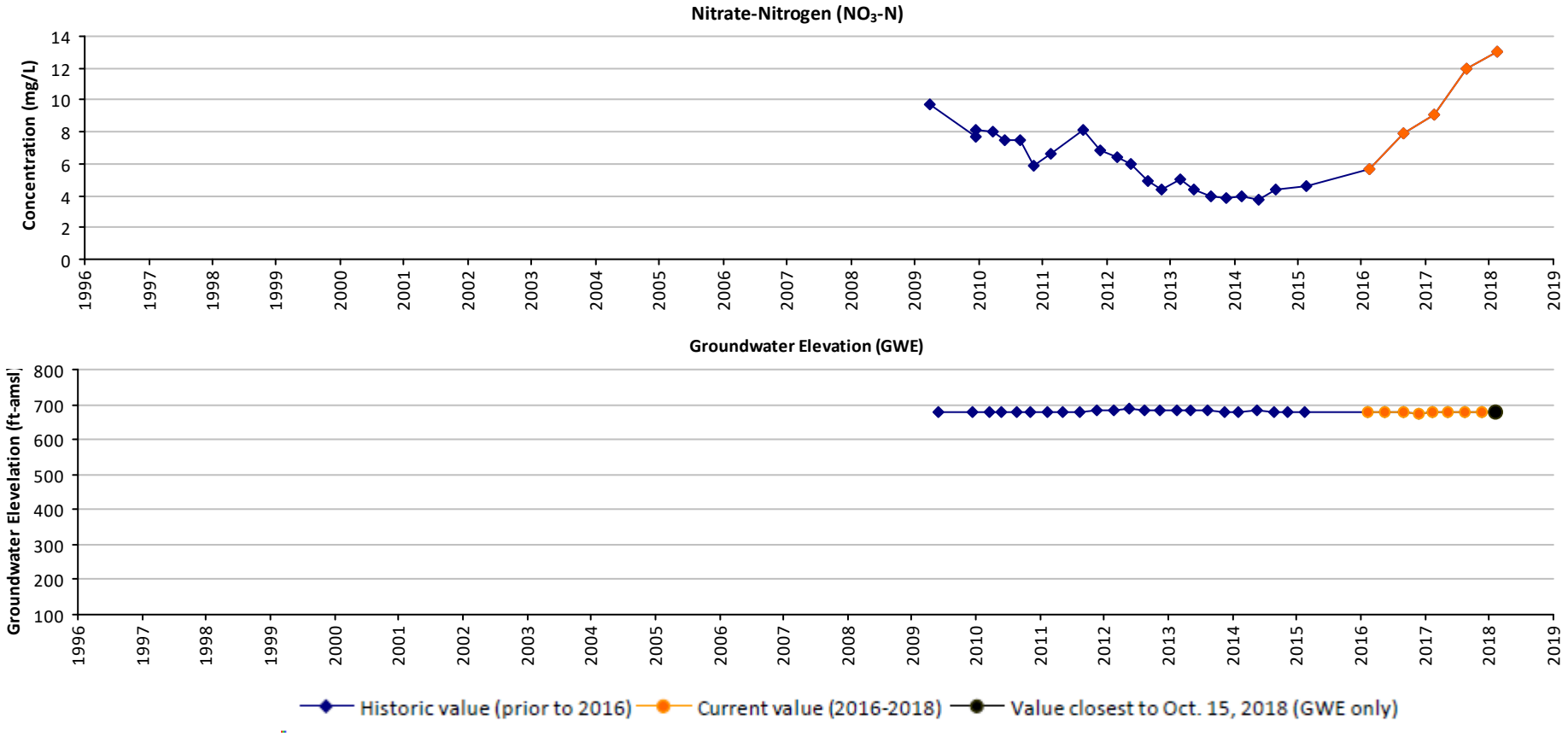
Nitrate-Nitrogen (NO_3-N)



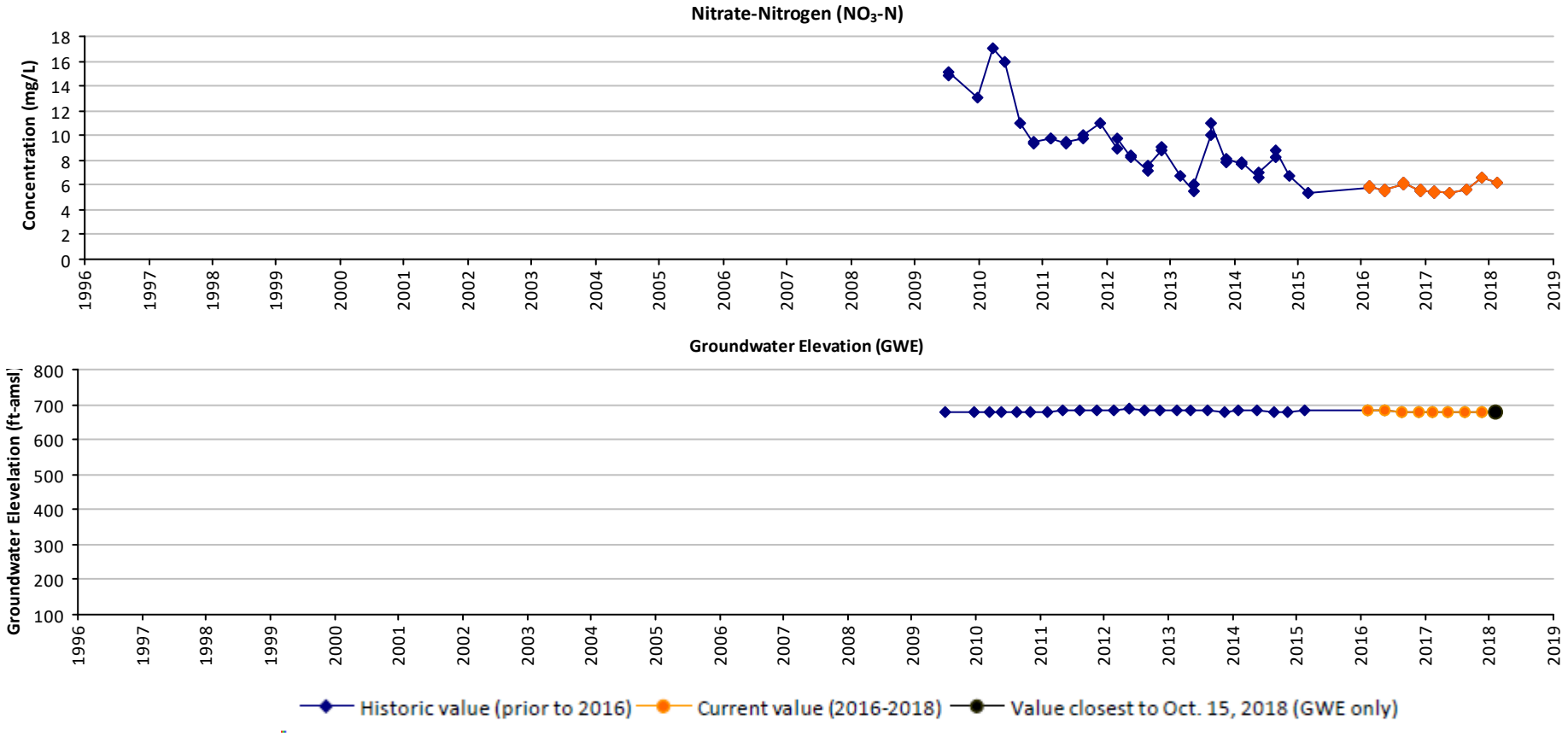
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

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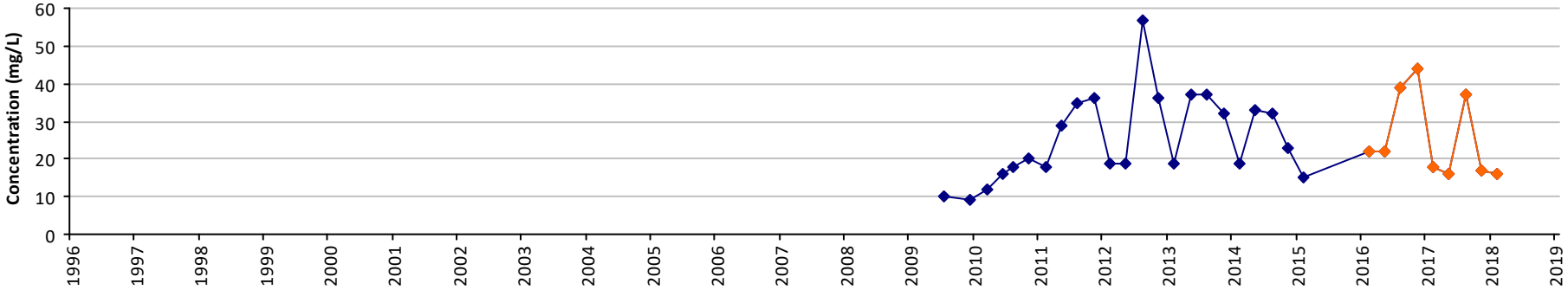
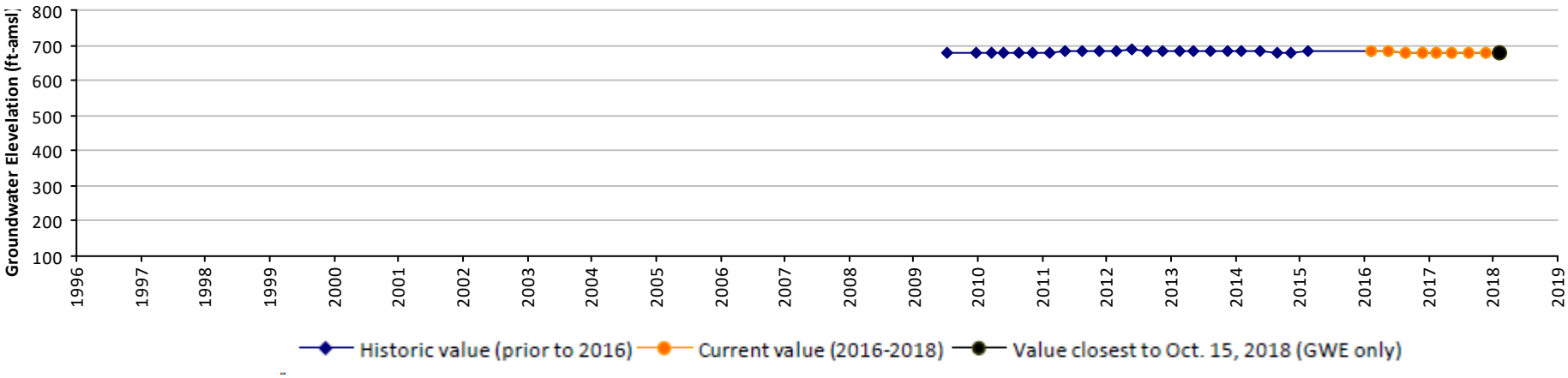
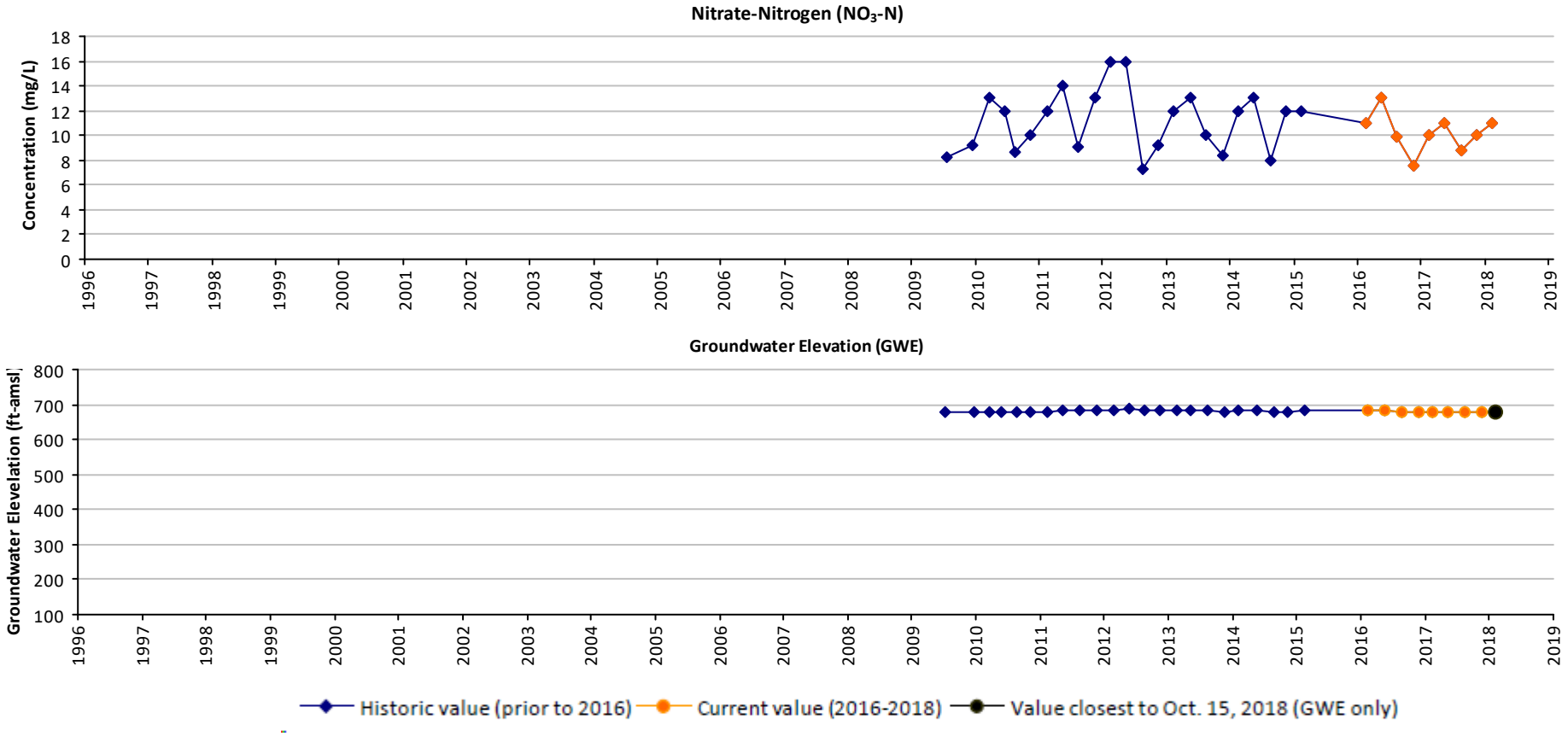


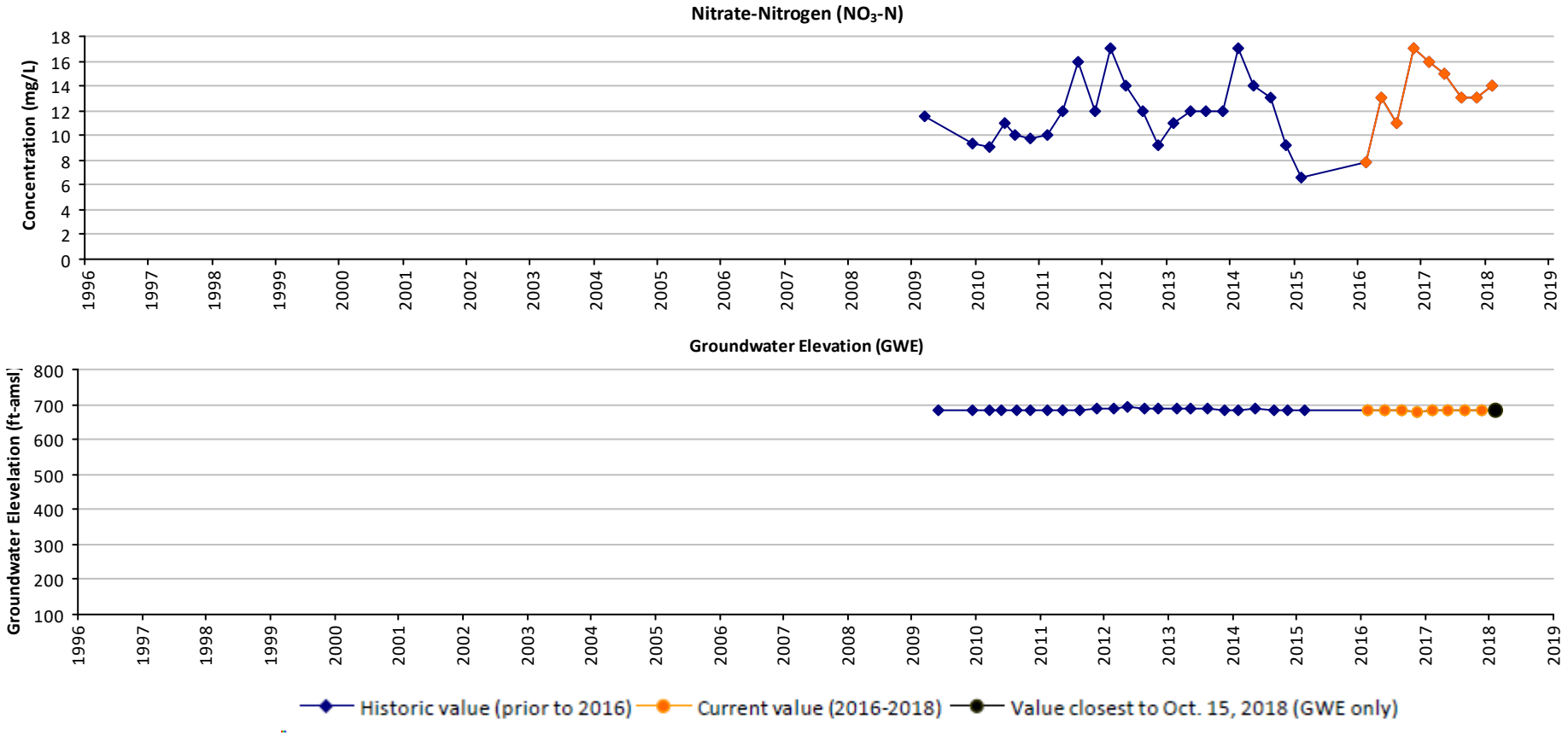
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

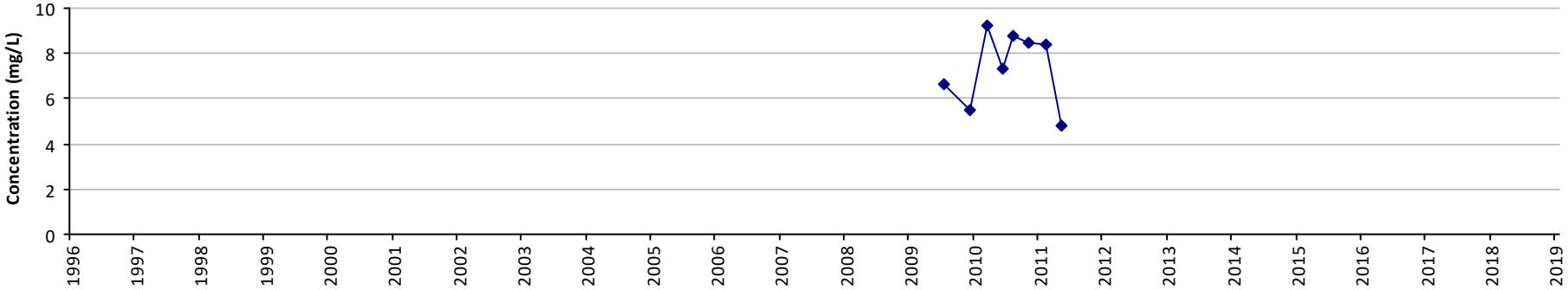


Total Dissolved Solids (TDS)

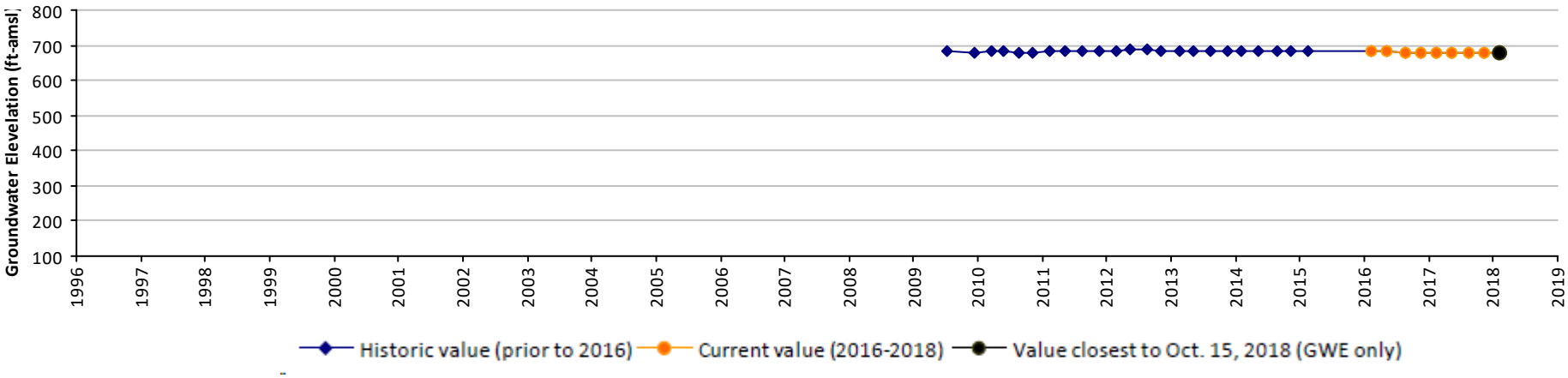


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



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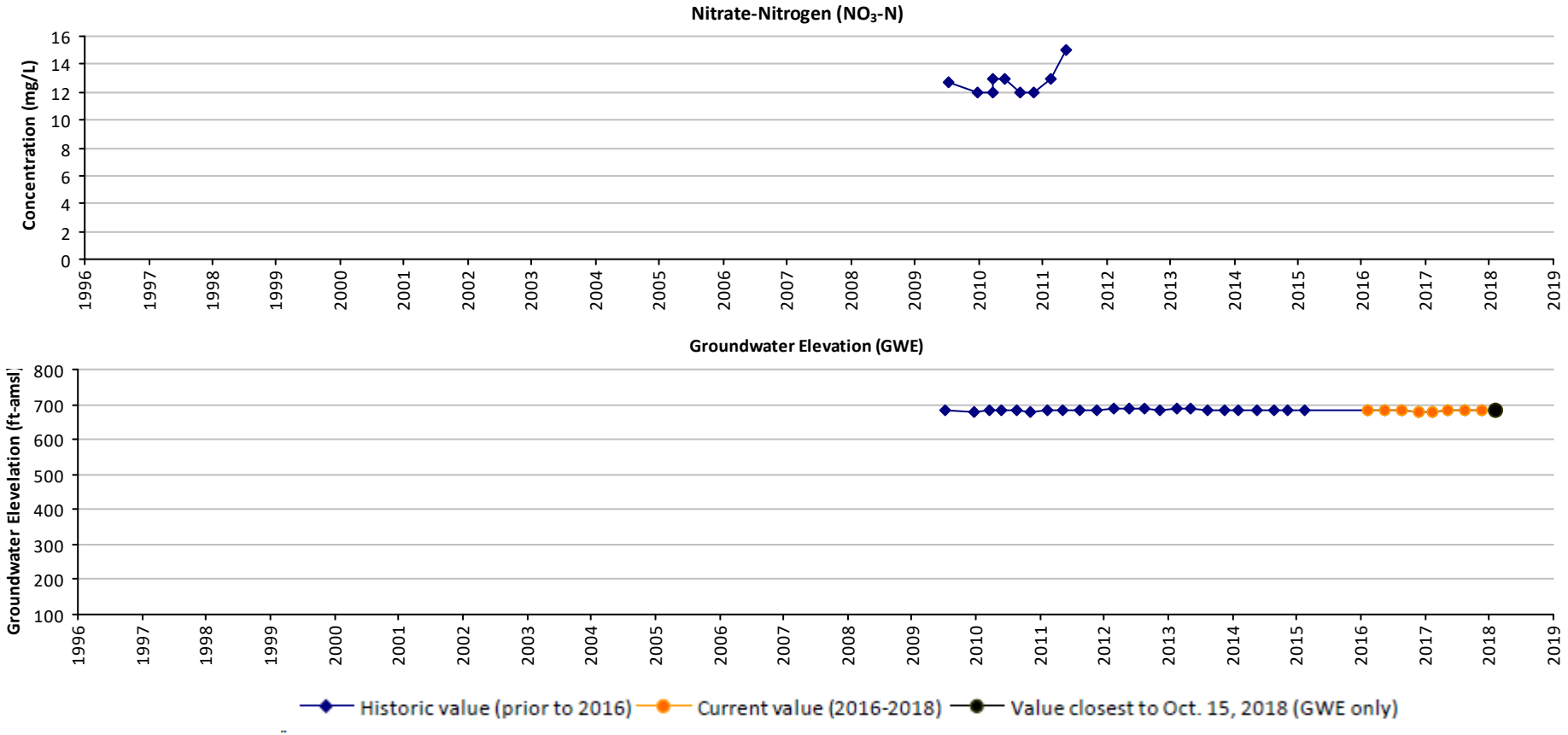

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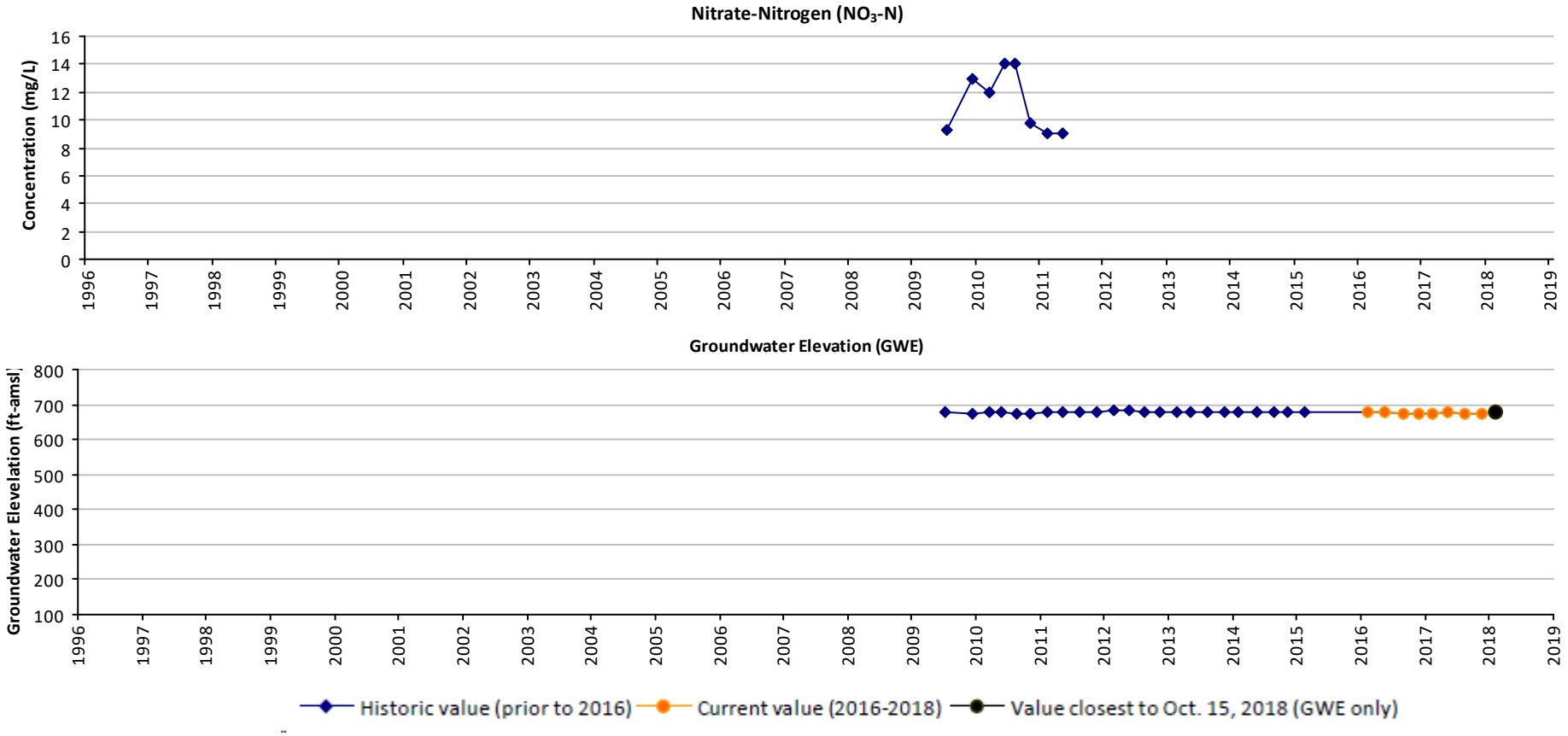

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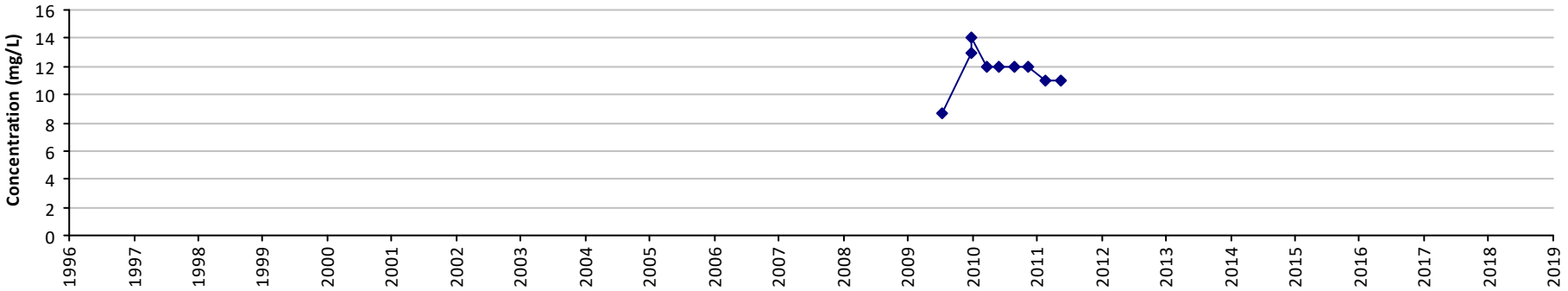
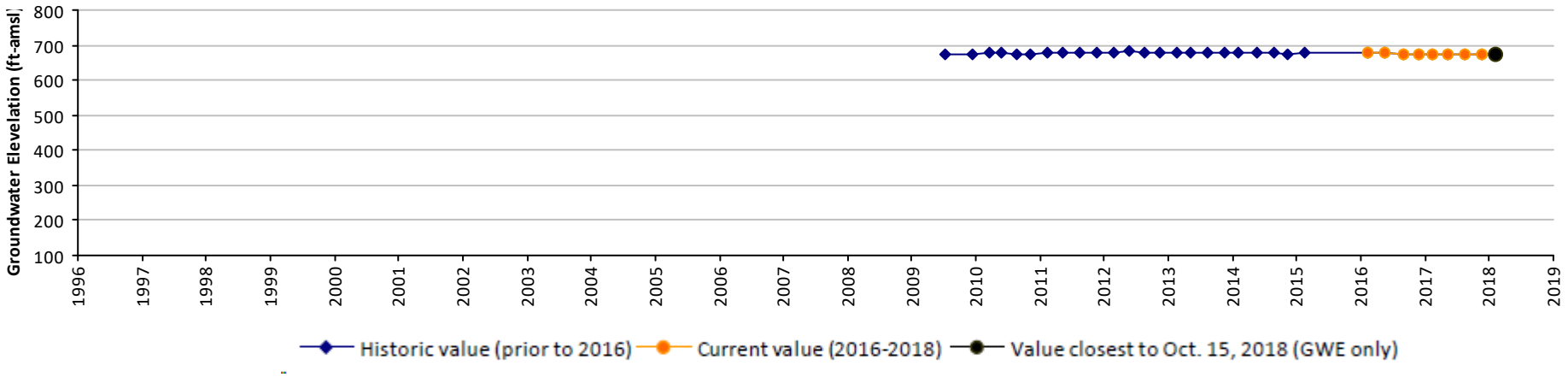
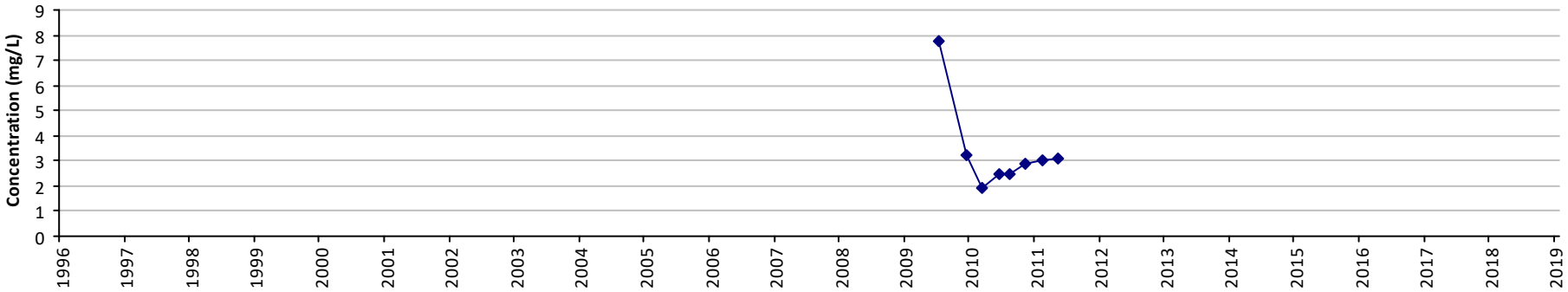


Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



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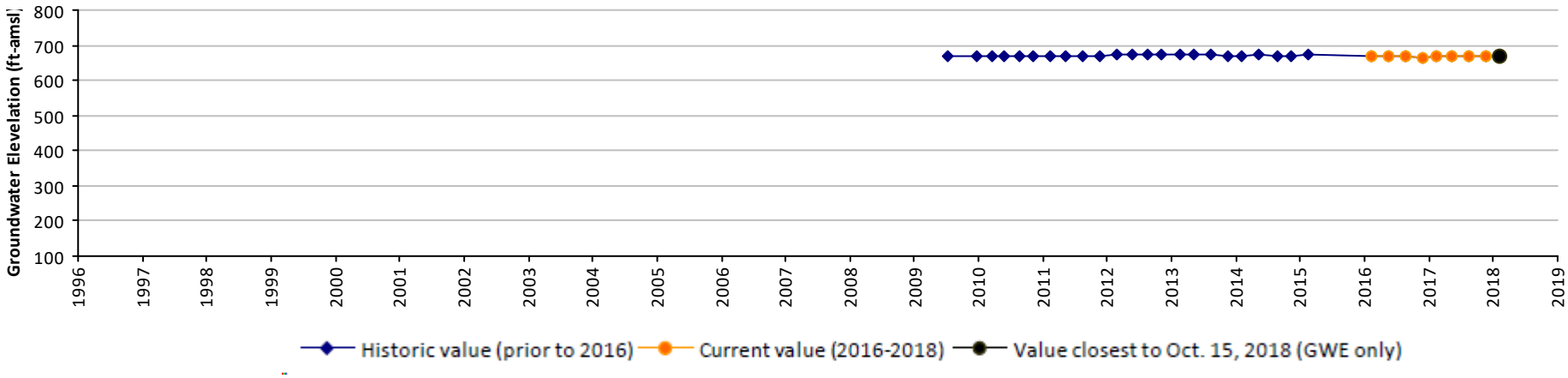

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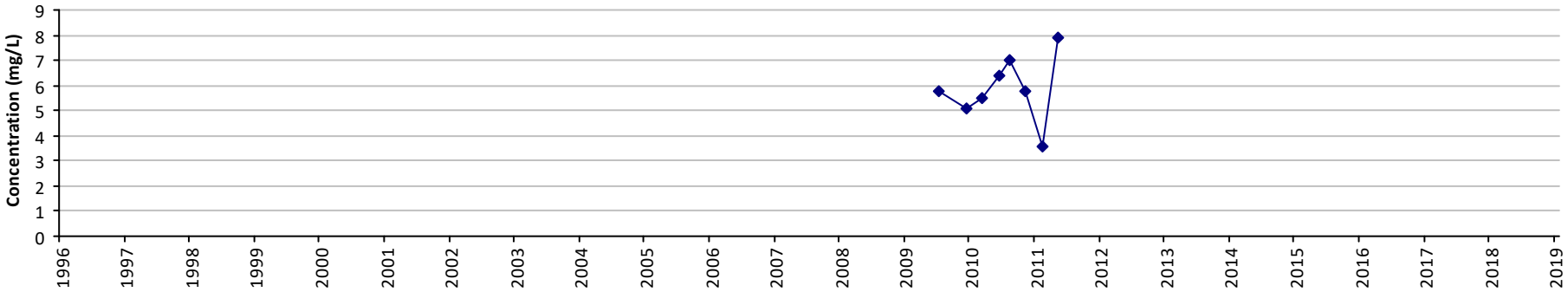

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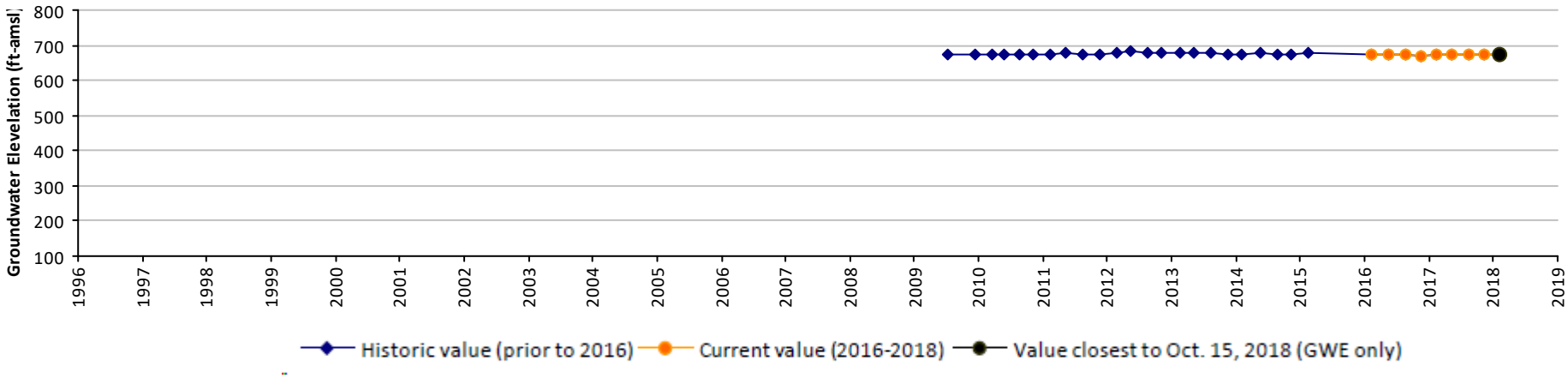

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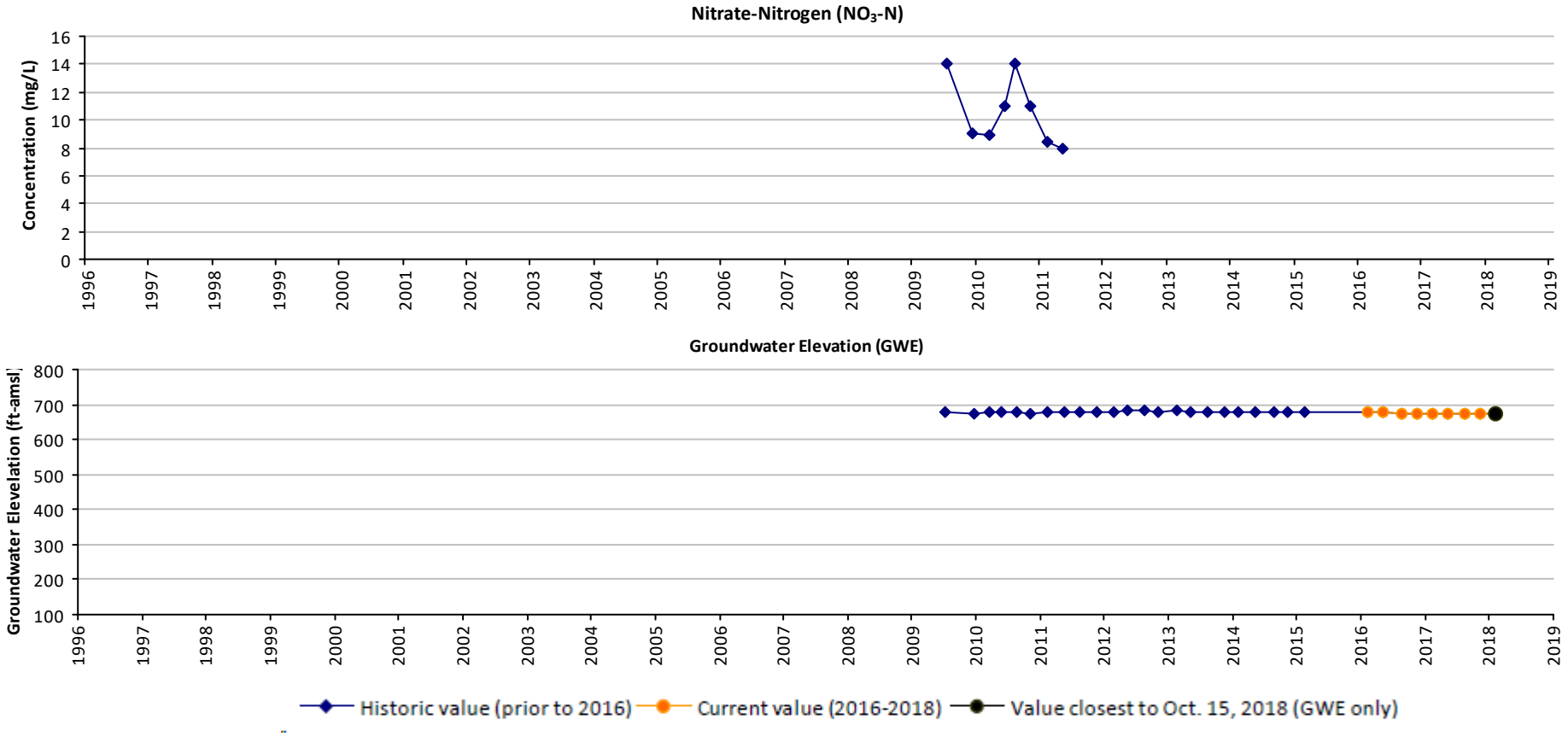

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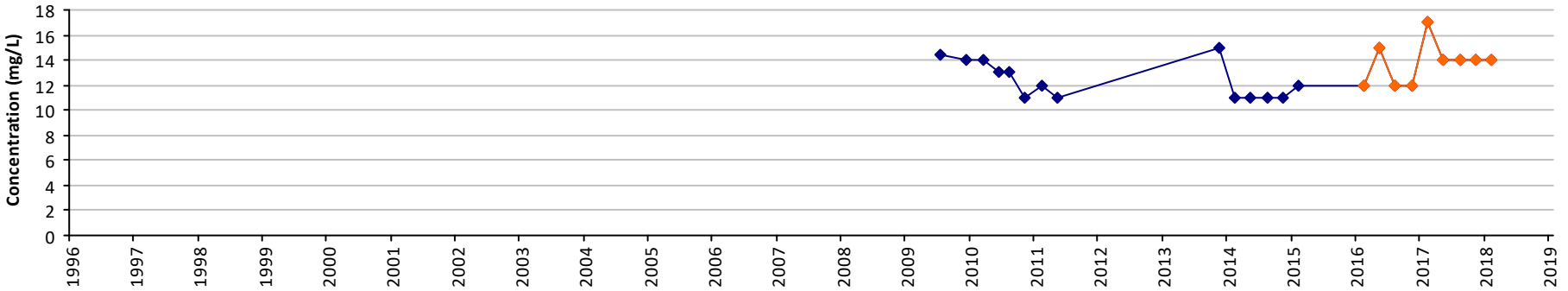

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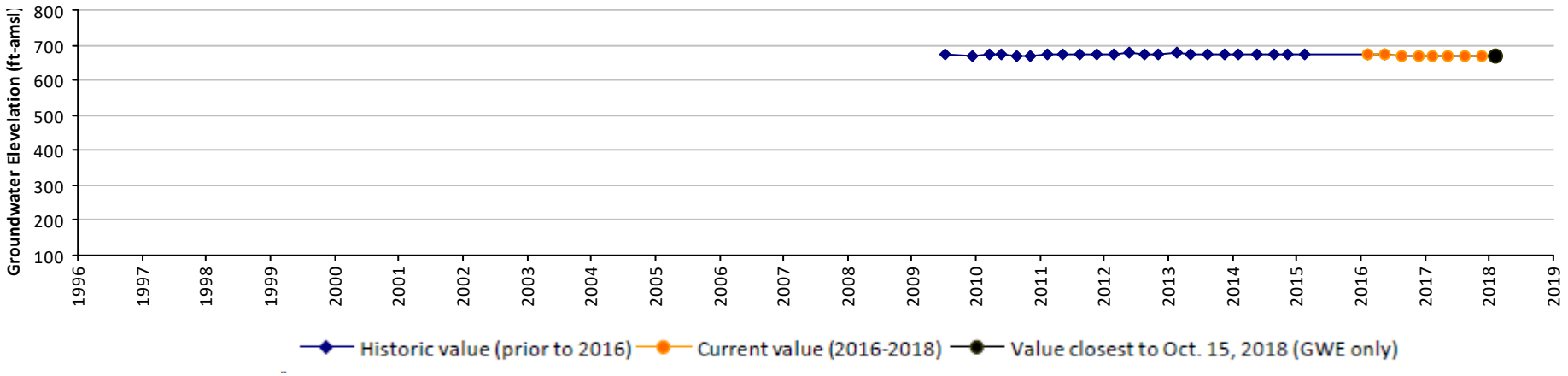
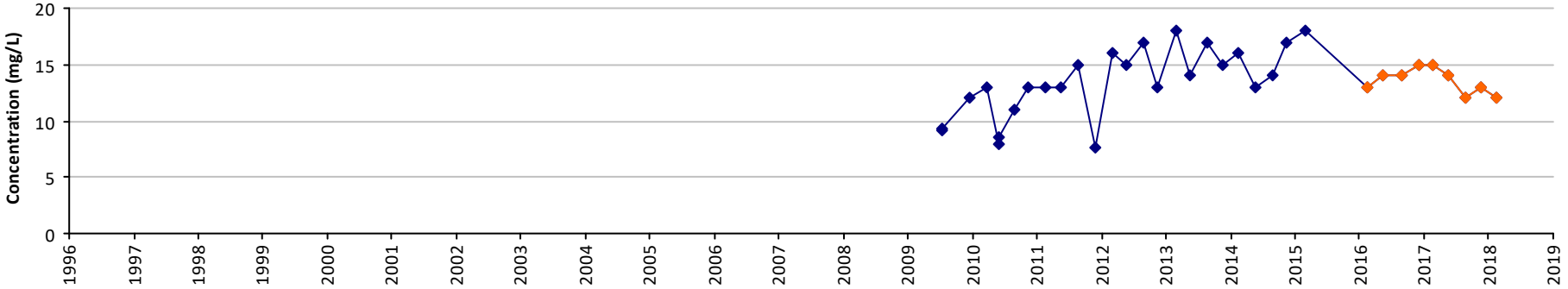
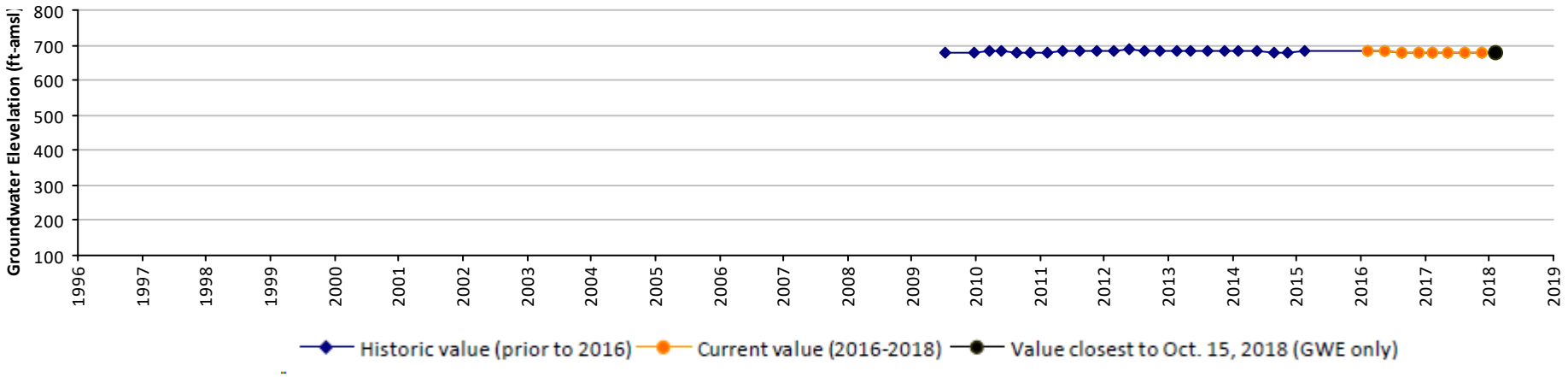


Total Dissolved Solids (TDS)

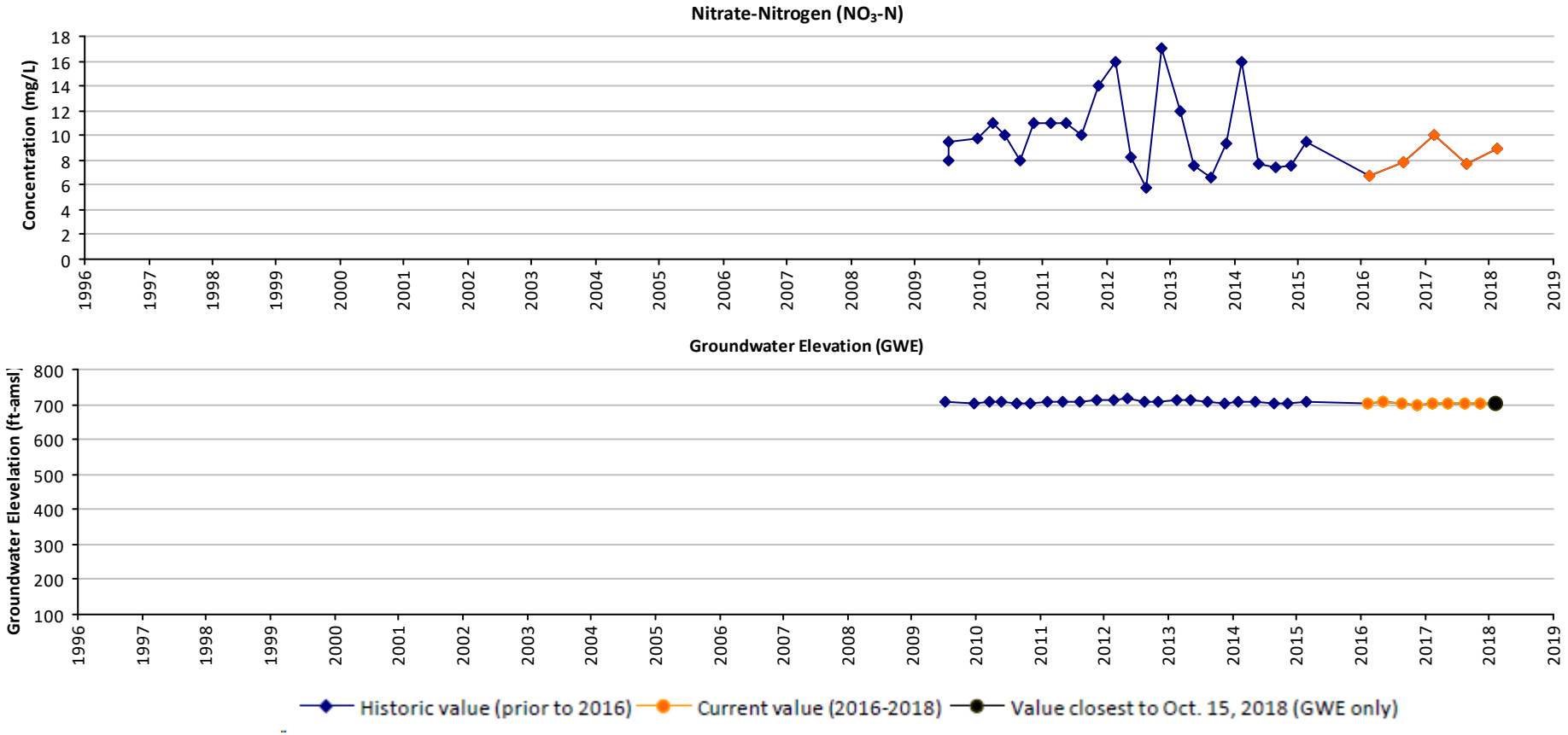
Nitrate-Nitrogen (NO_3-N)

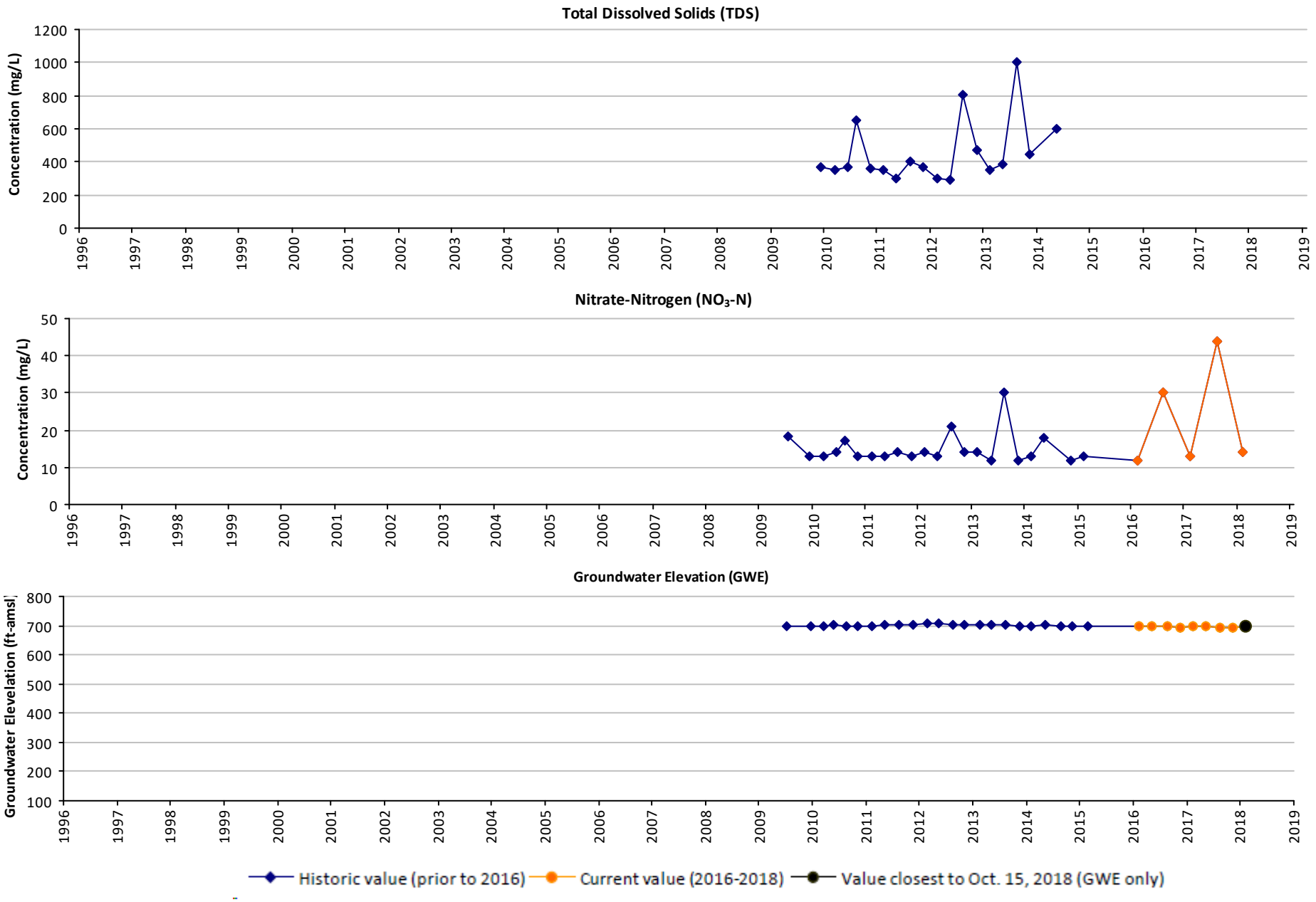


Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
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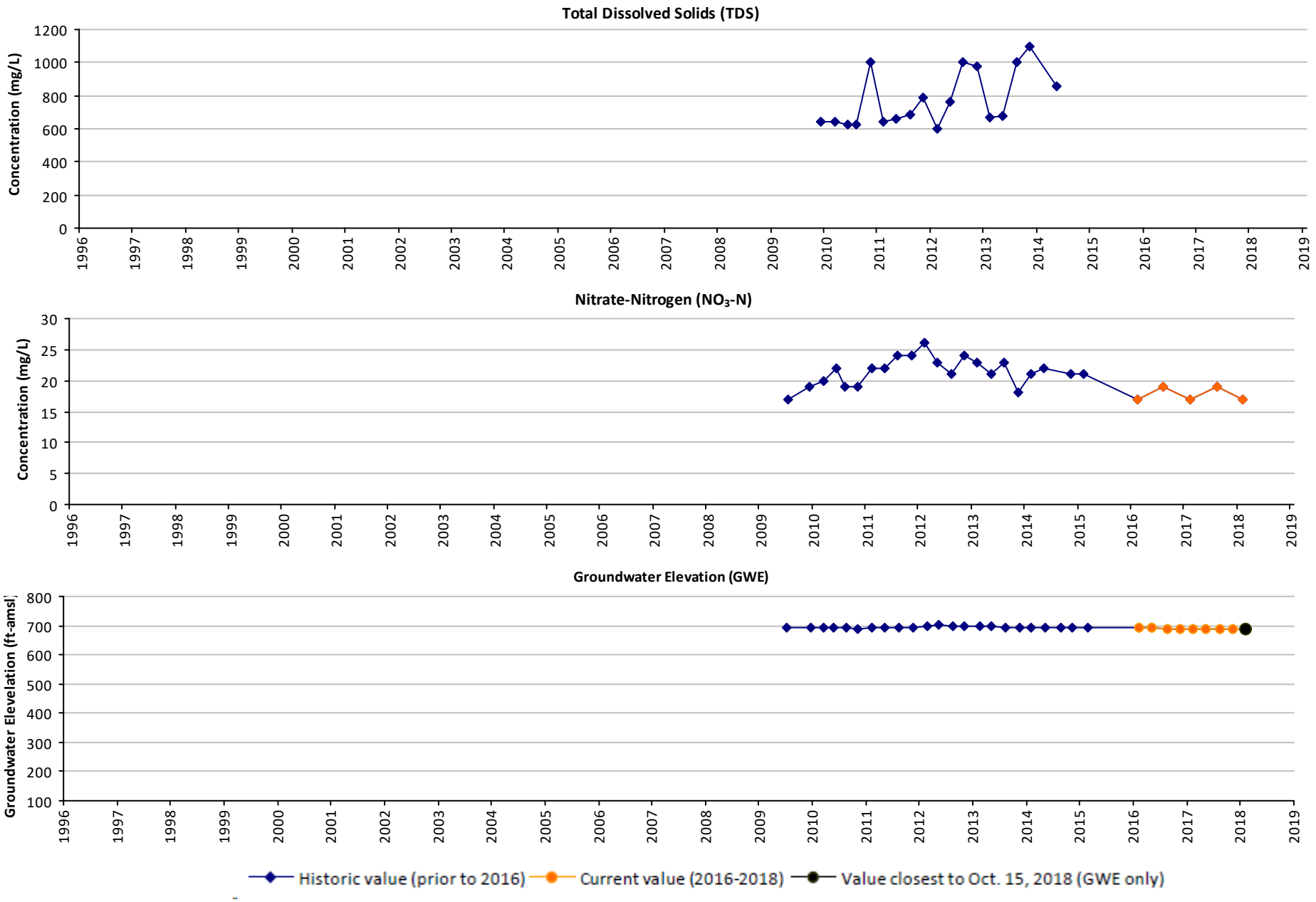
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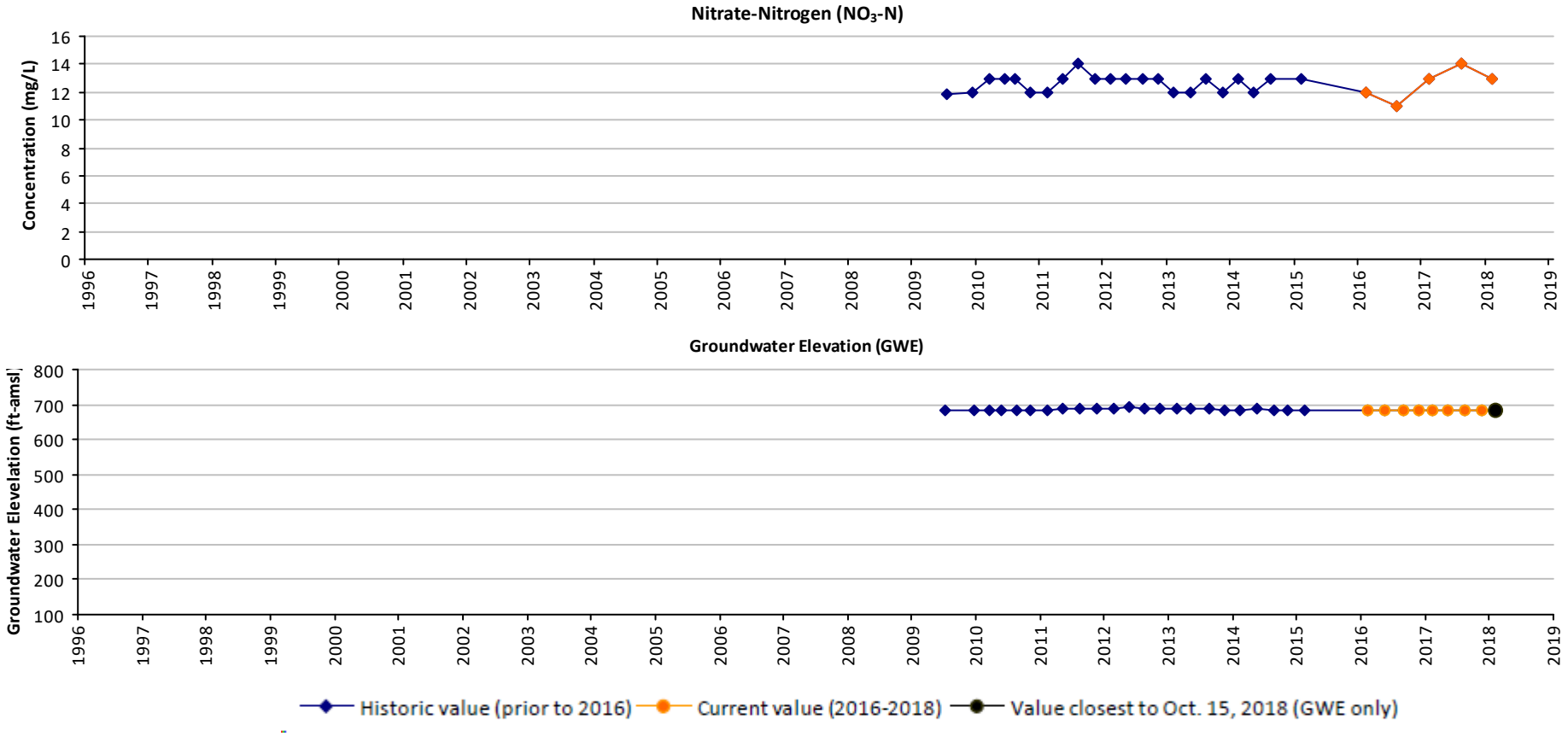
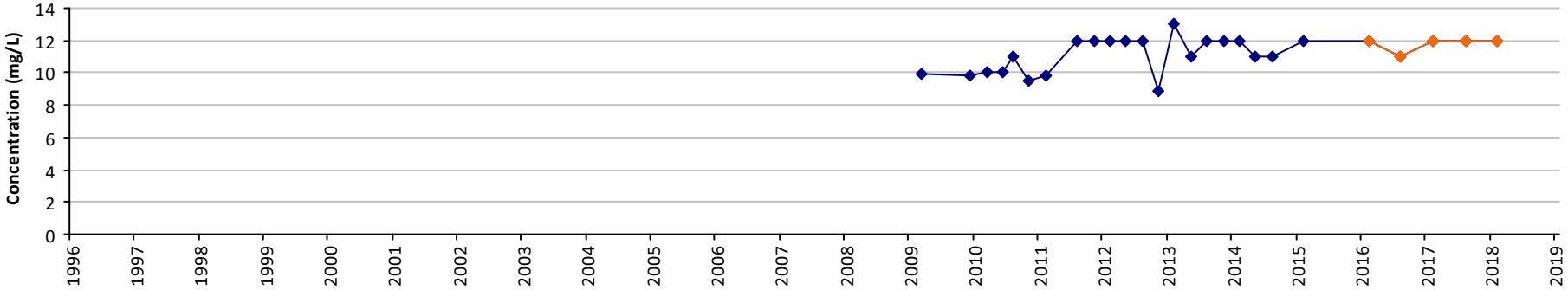
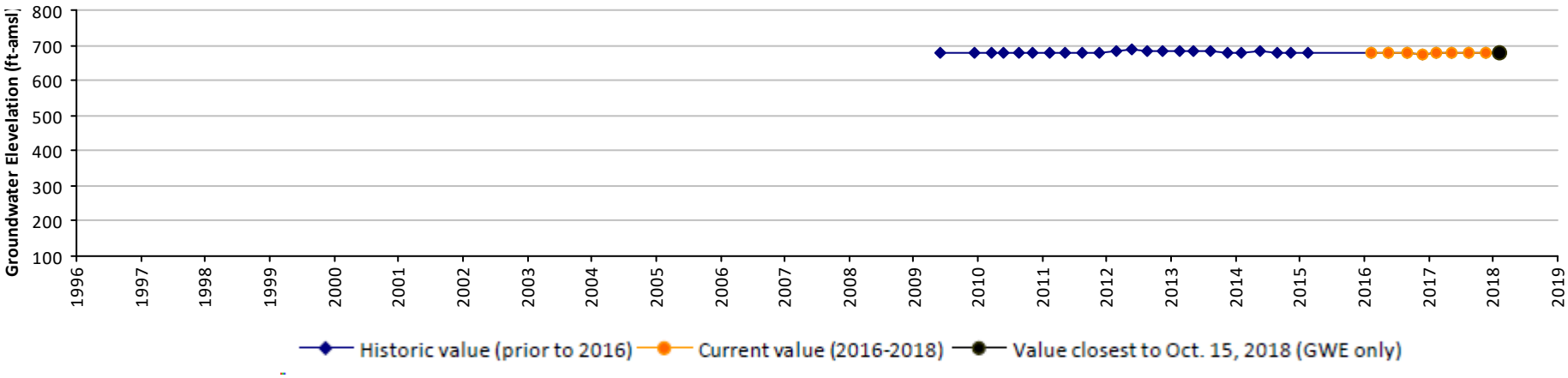


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



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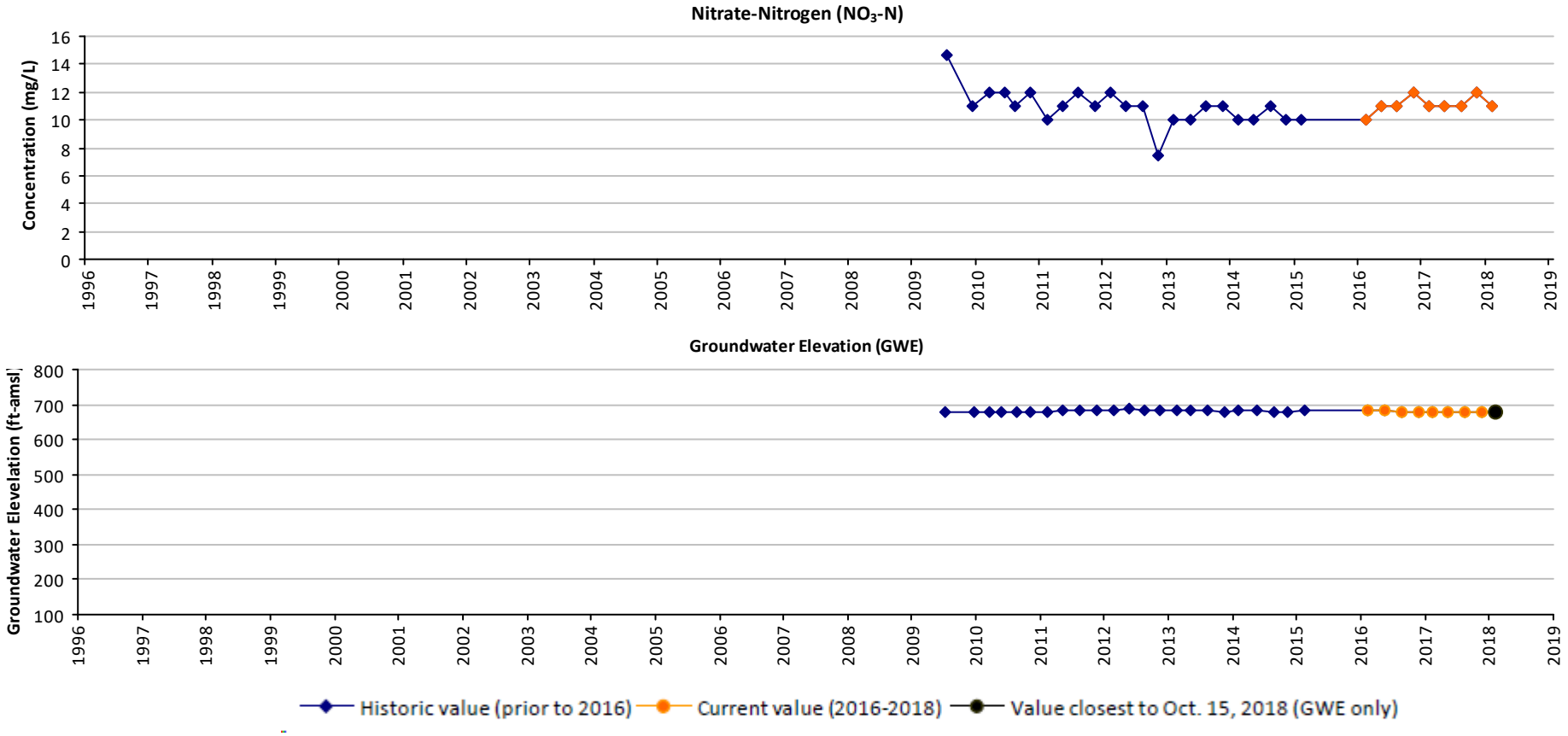

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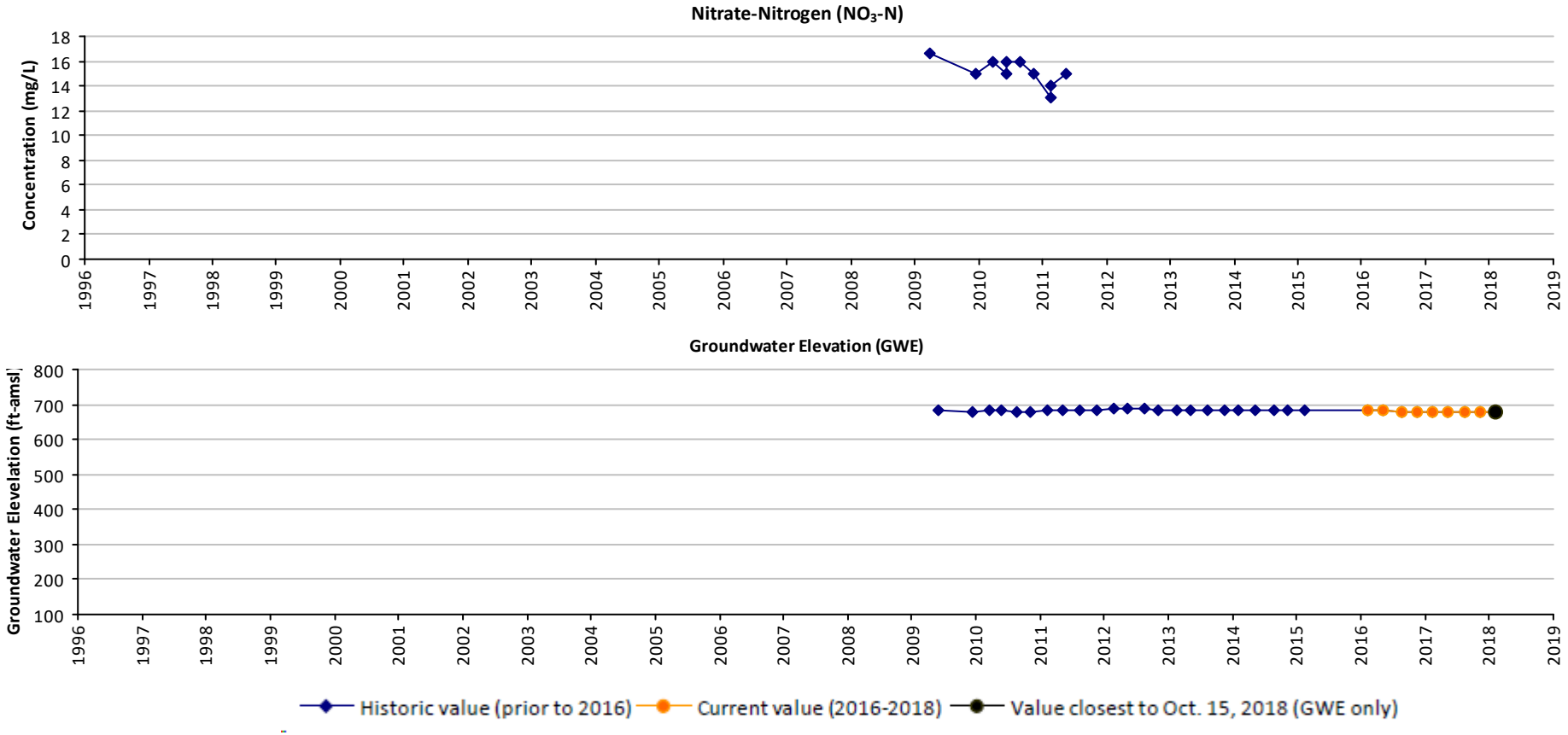

Total Dissolved Solids (TDS)

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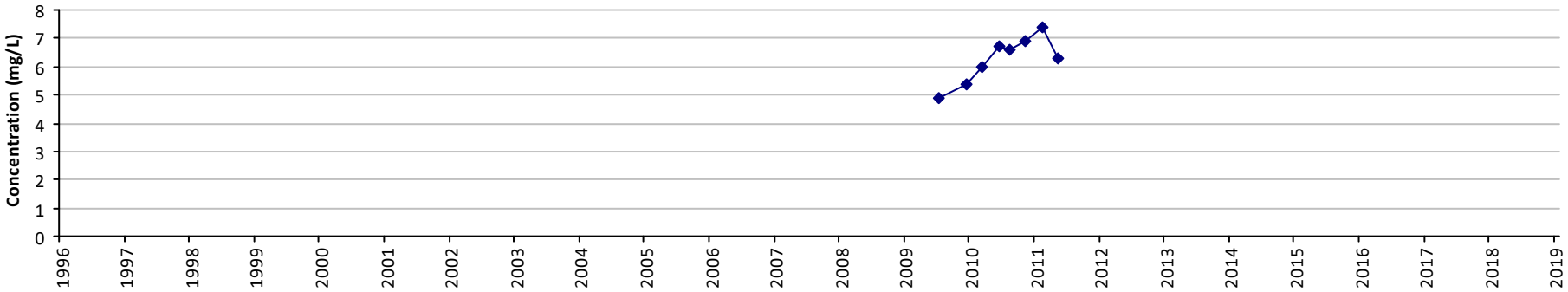
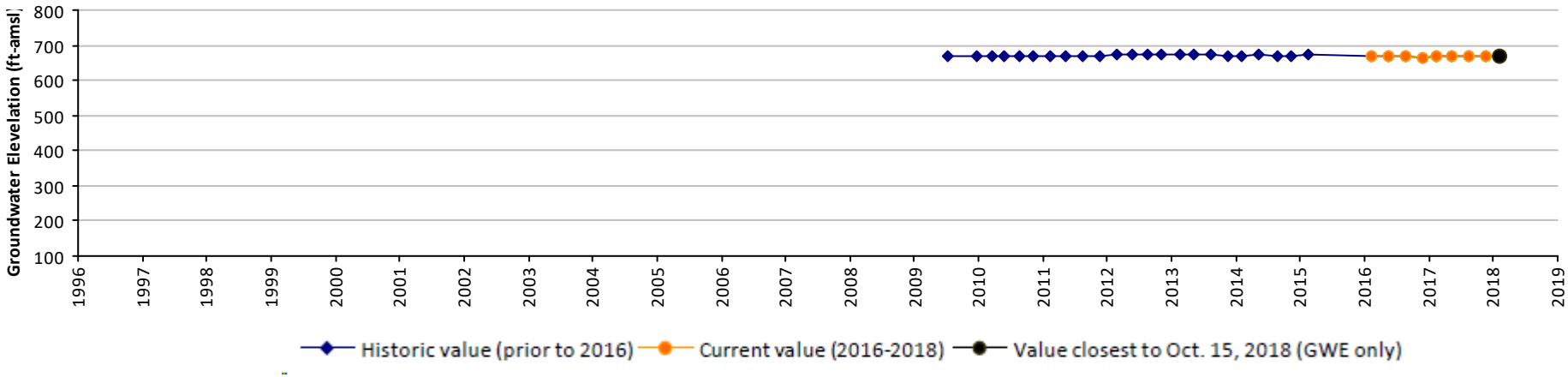


Groundwater Elevation (GWE)



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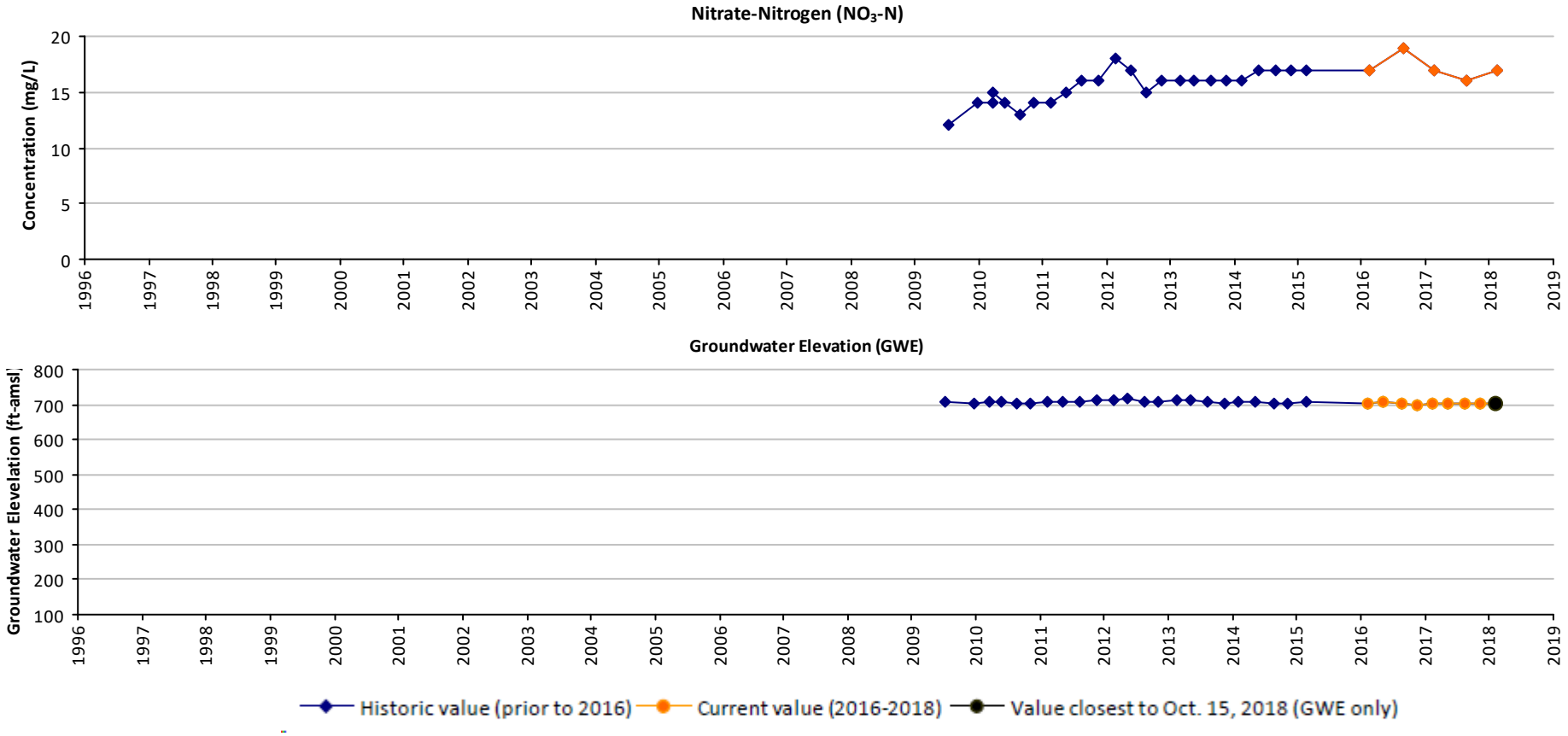

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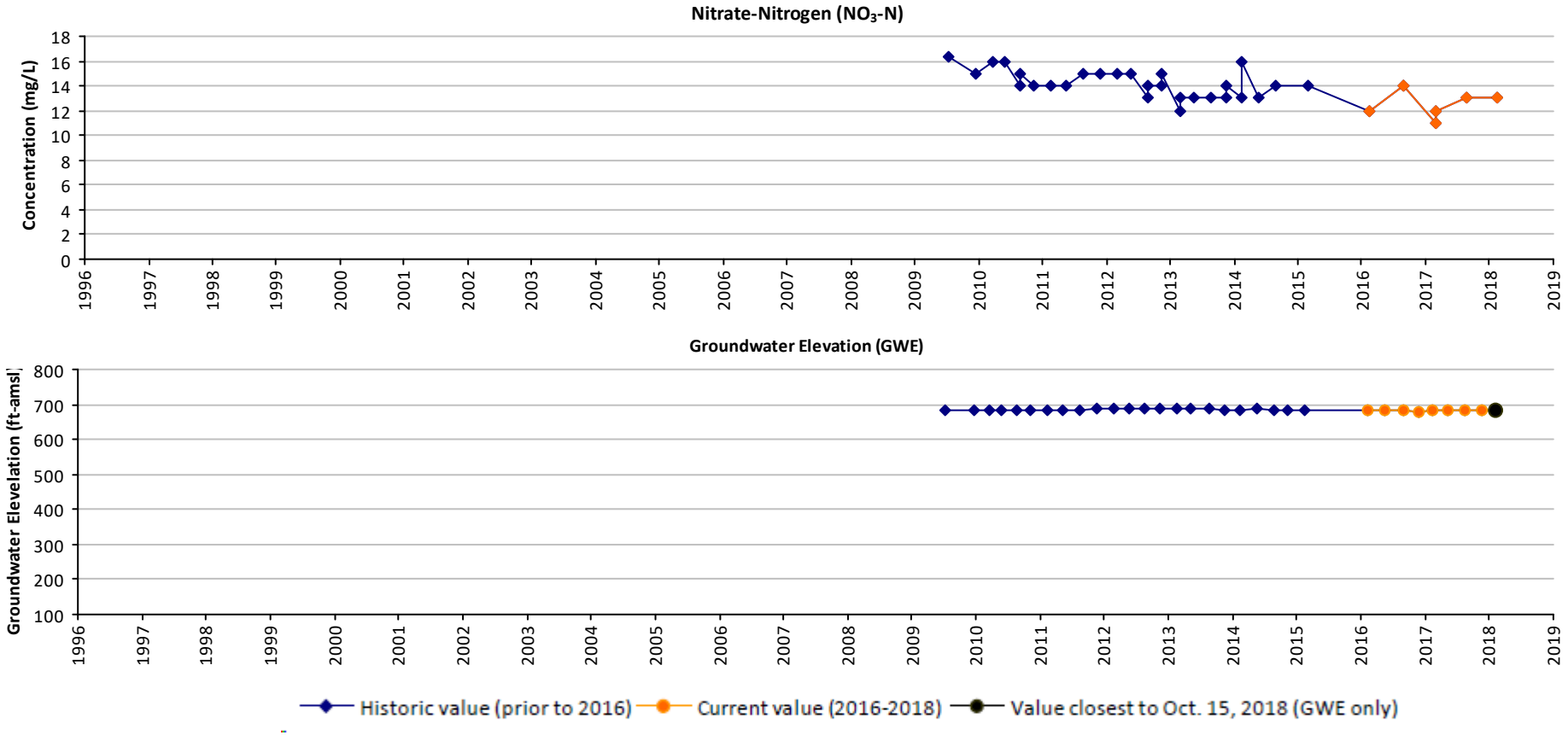

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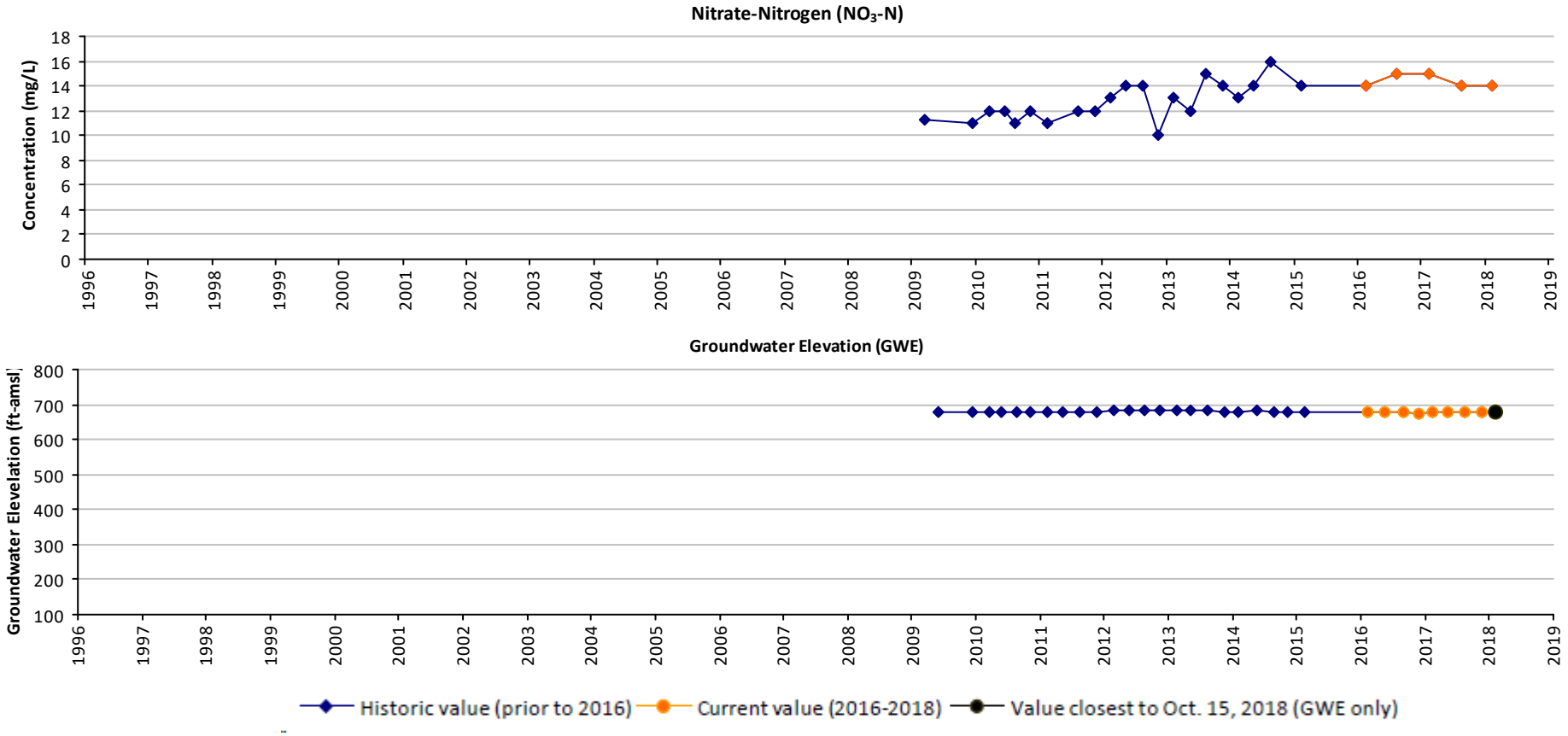
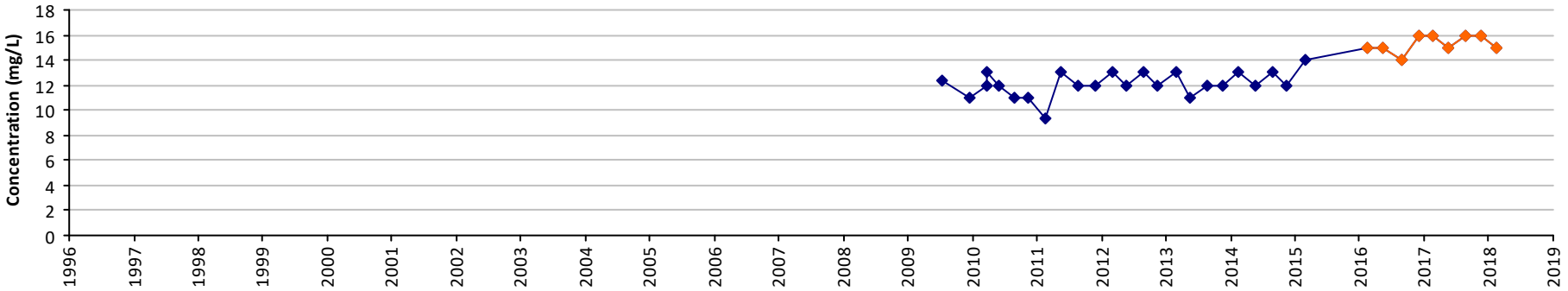
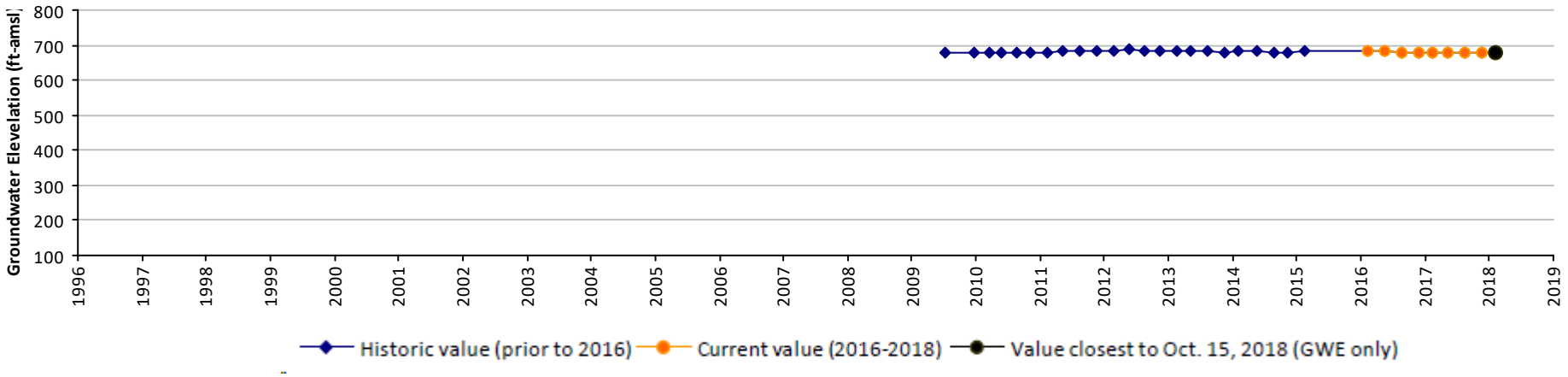


Total Dissolved Solids (TDS)

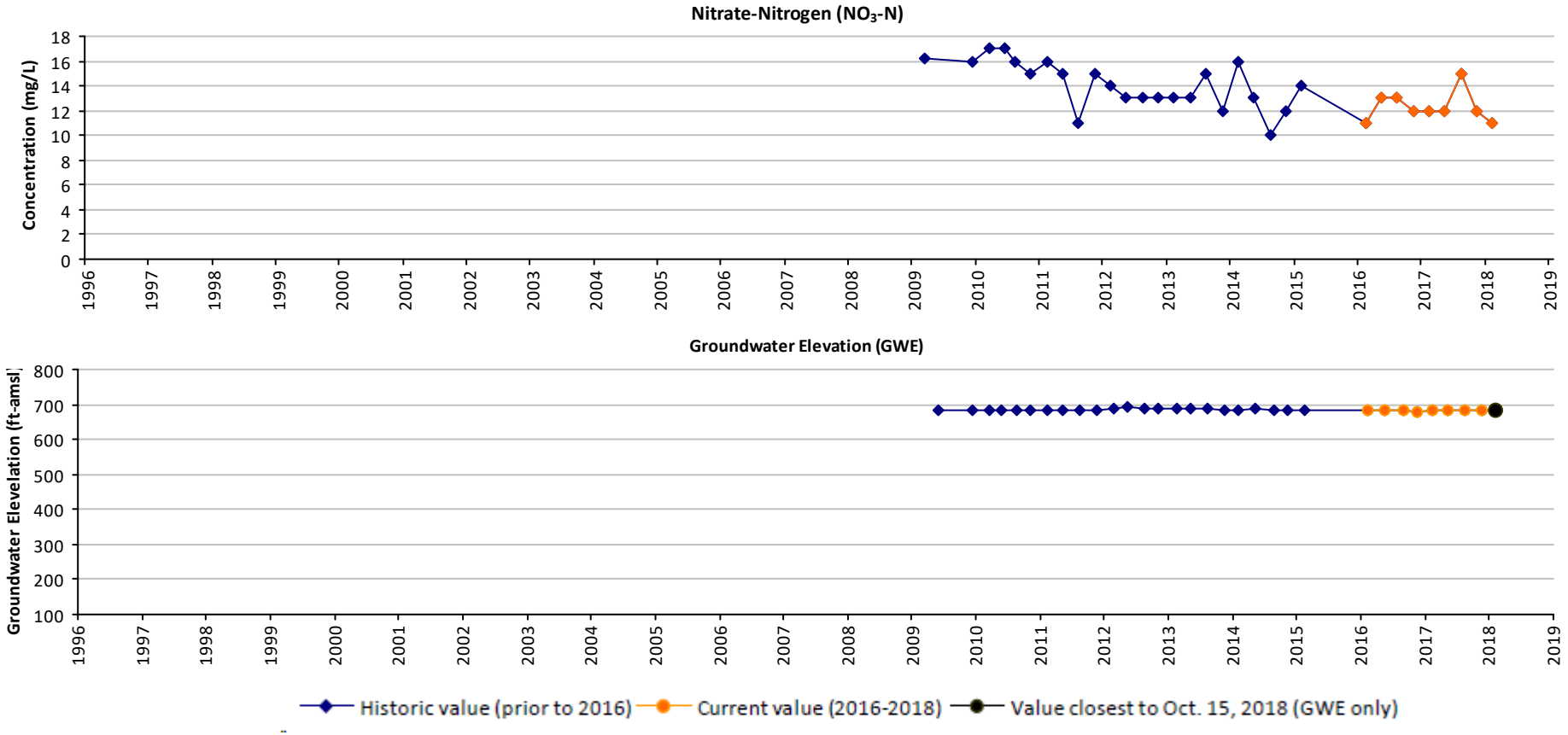
Nitrate-Nitrogen (NO_3-N)



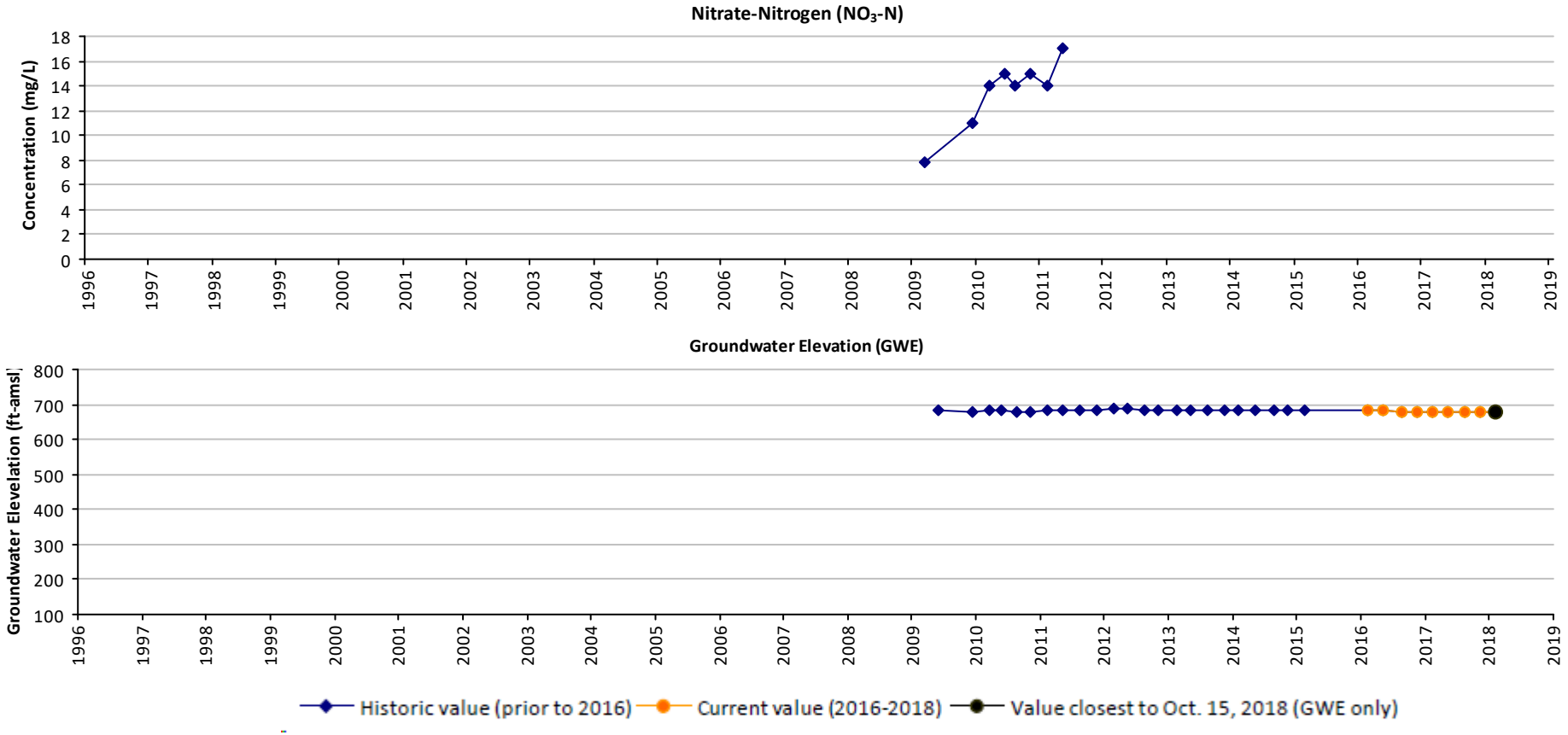
Groundwater Elevation (GWE)



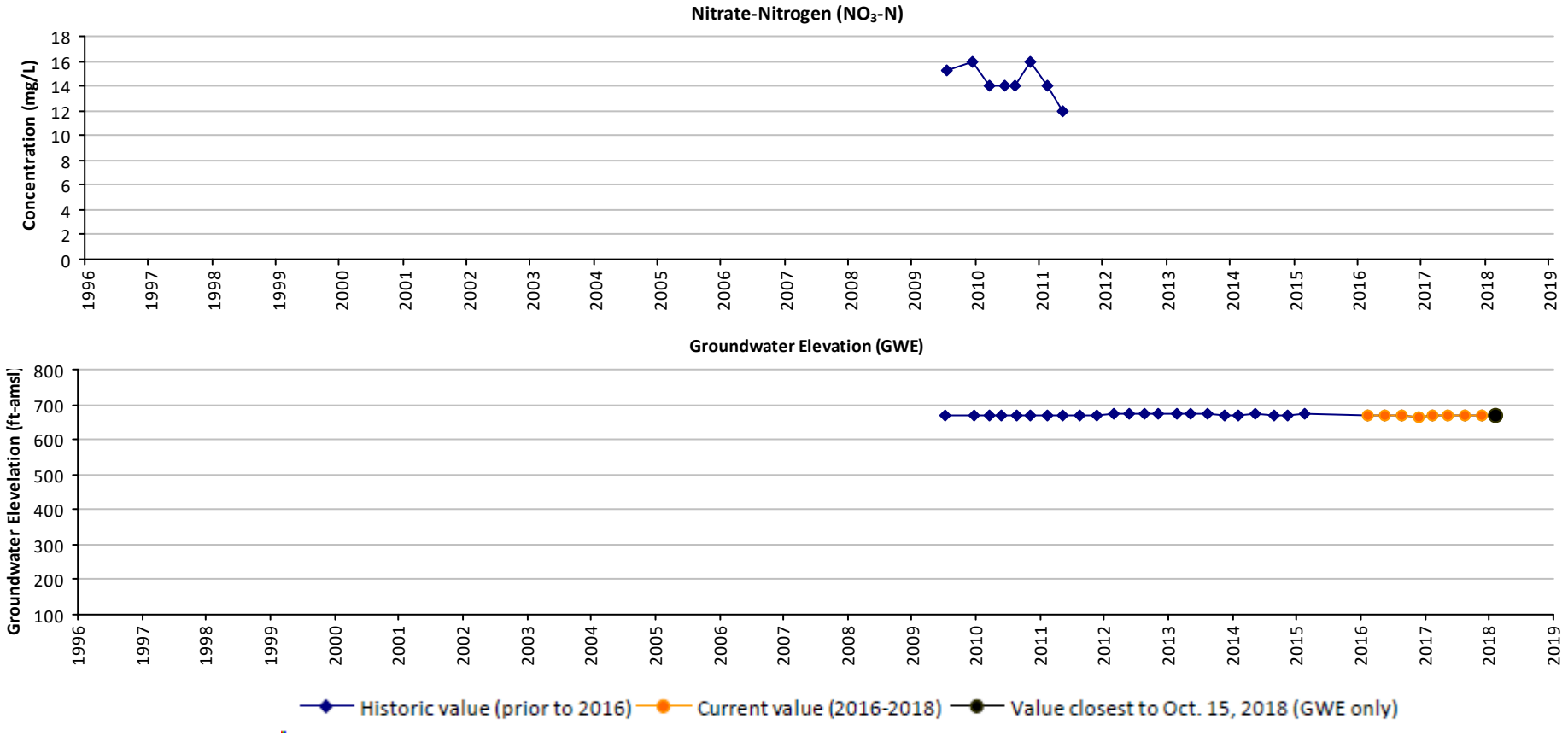
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

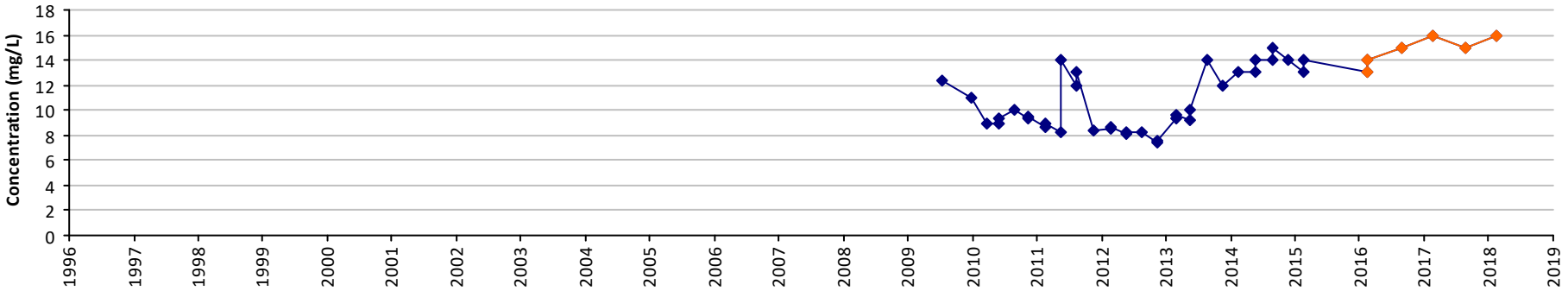


Total Dissolved Solids (TDS)

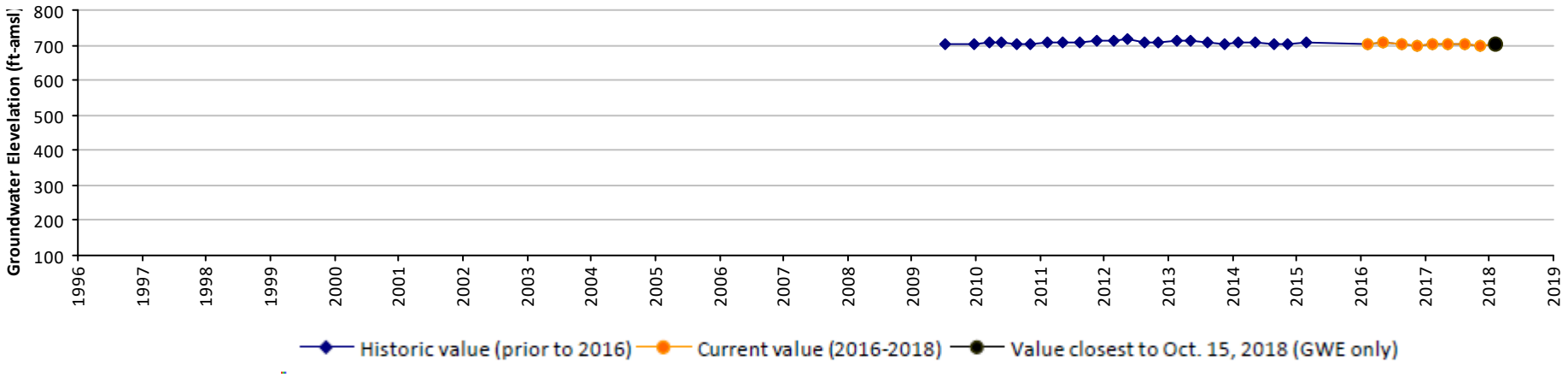


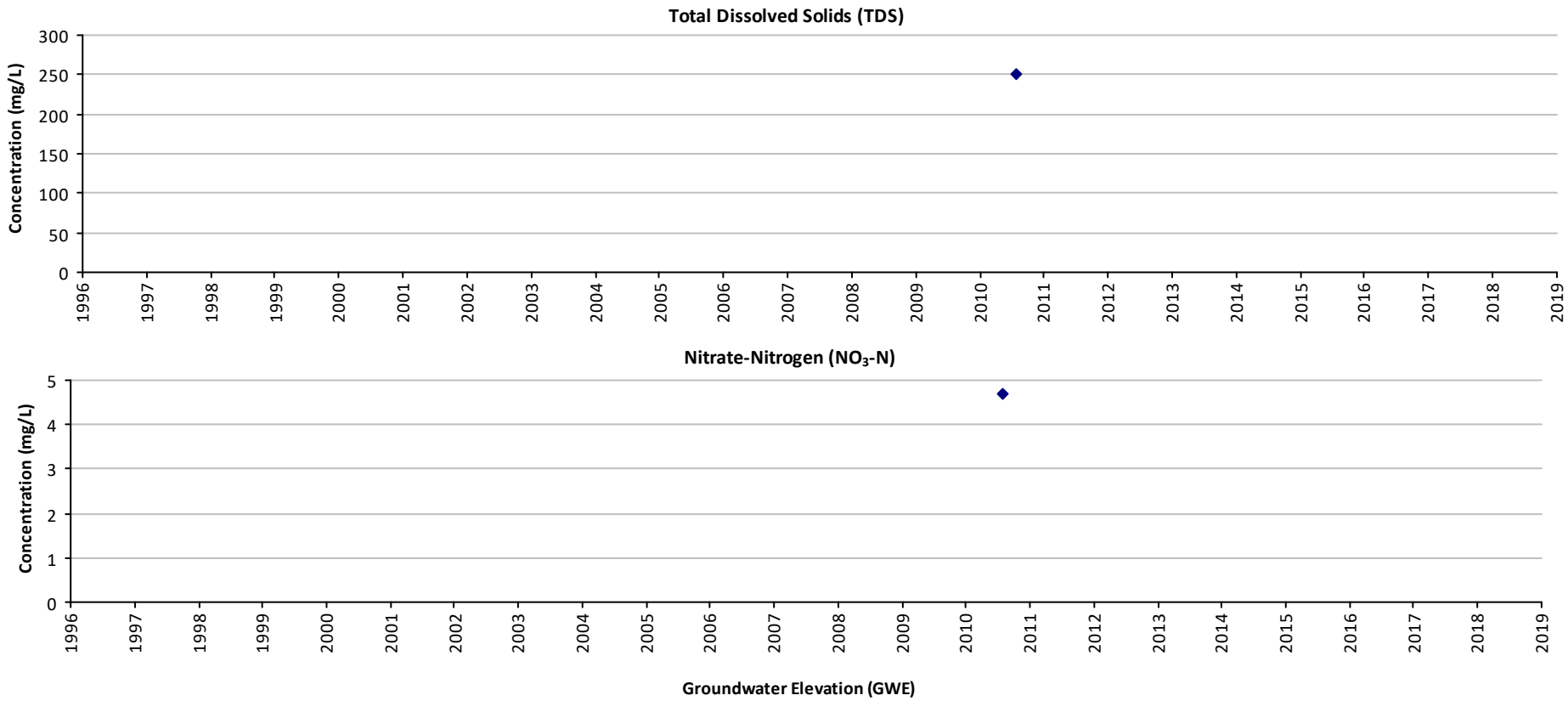
Total Dissolved Solids (TDS)

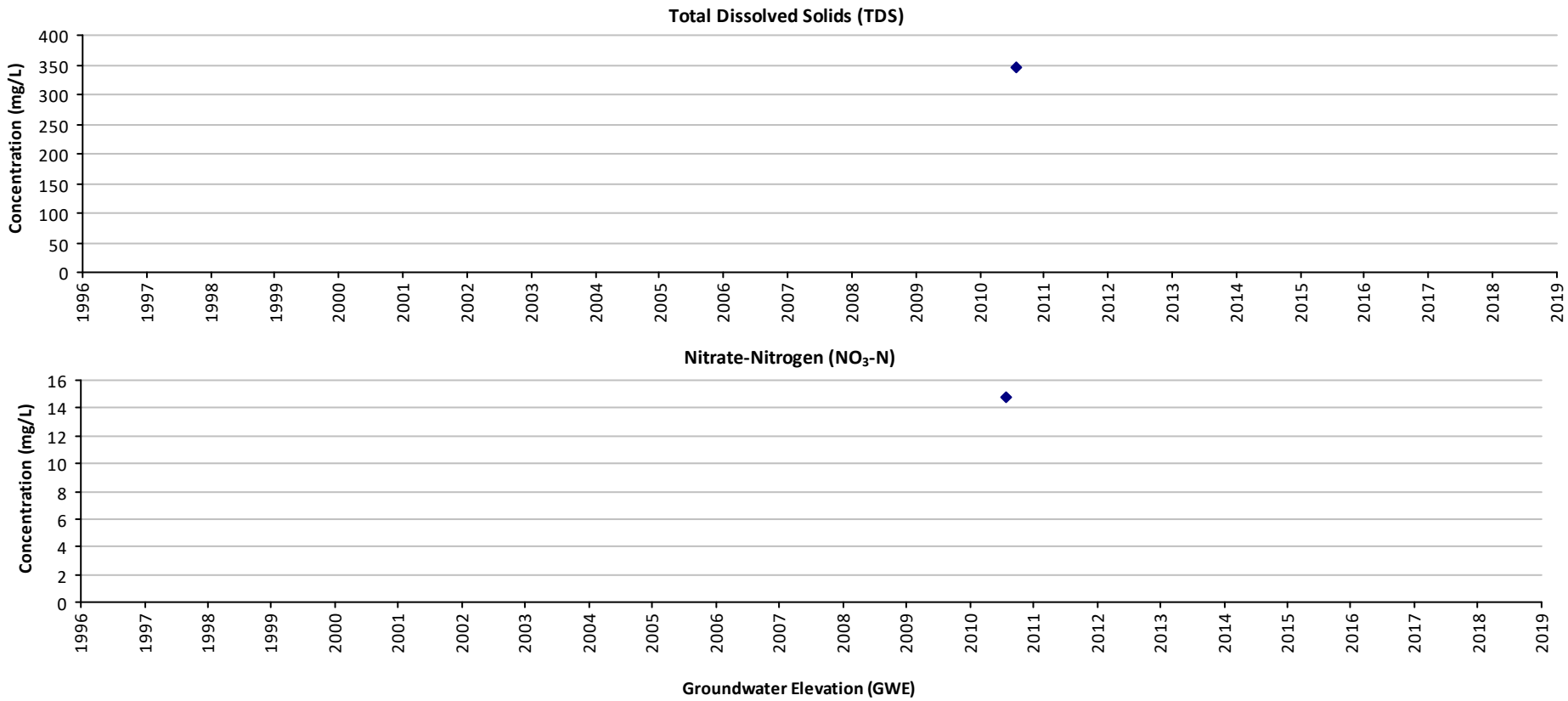
Nitrate-Nitrogen (NO_3-N)

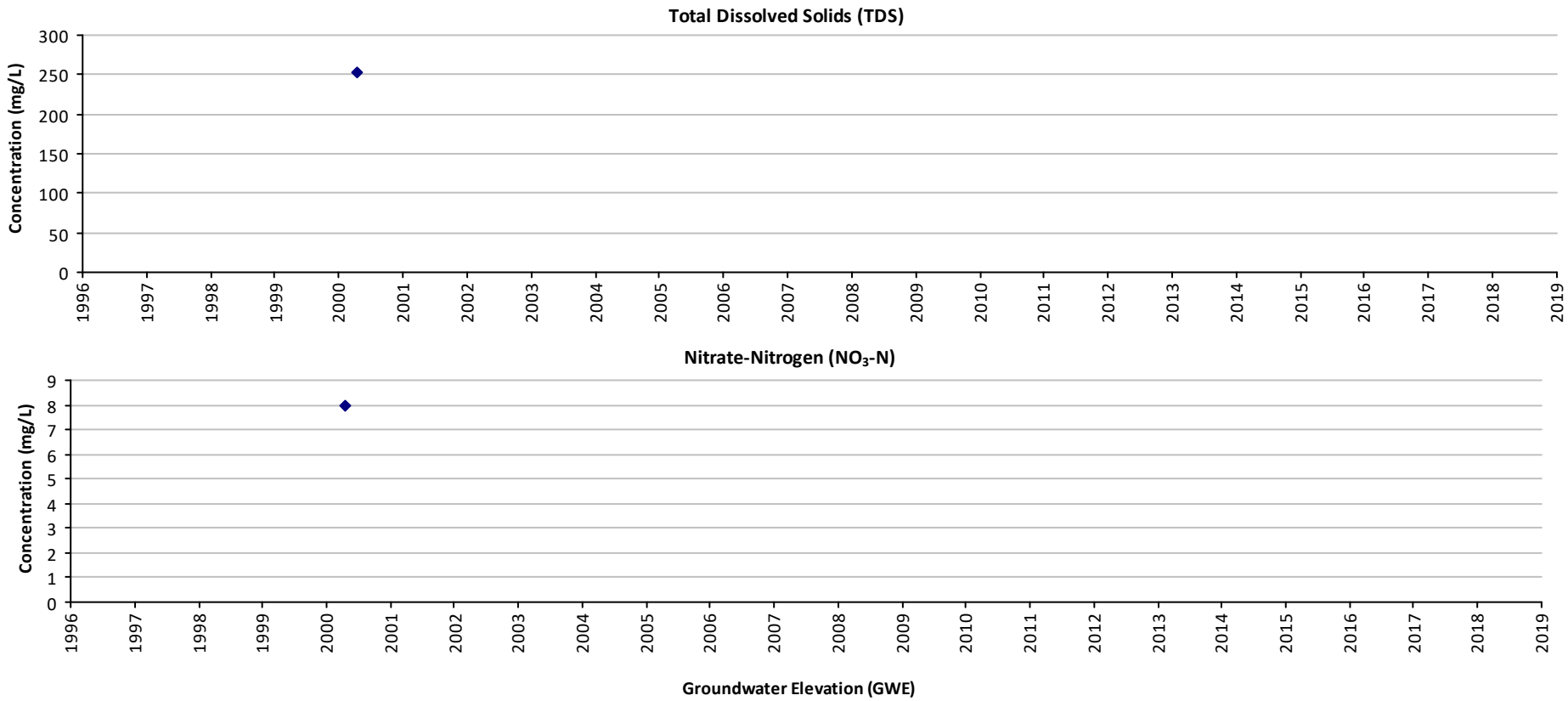


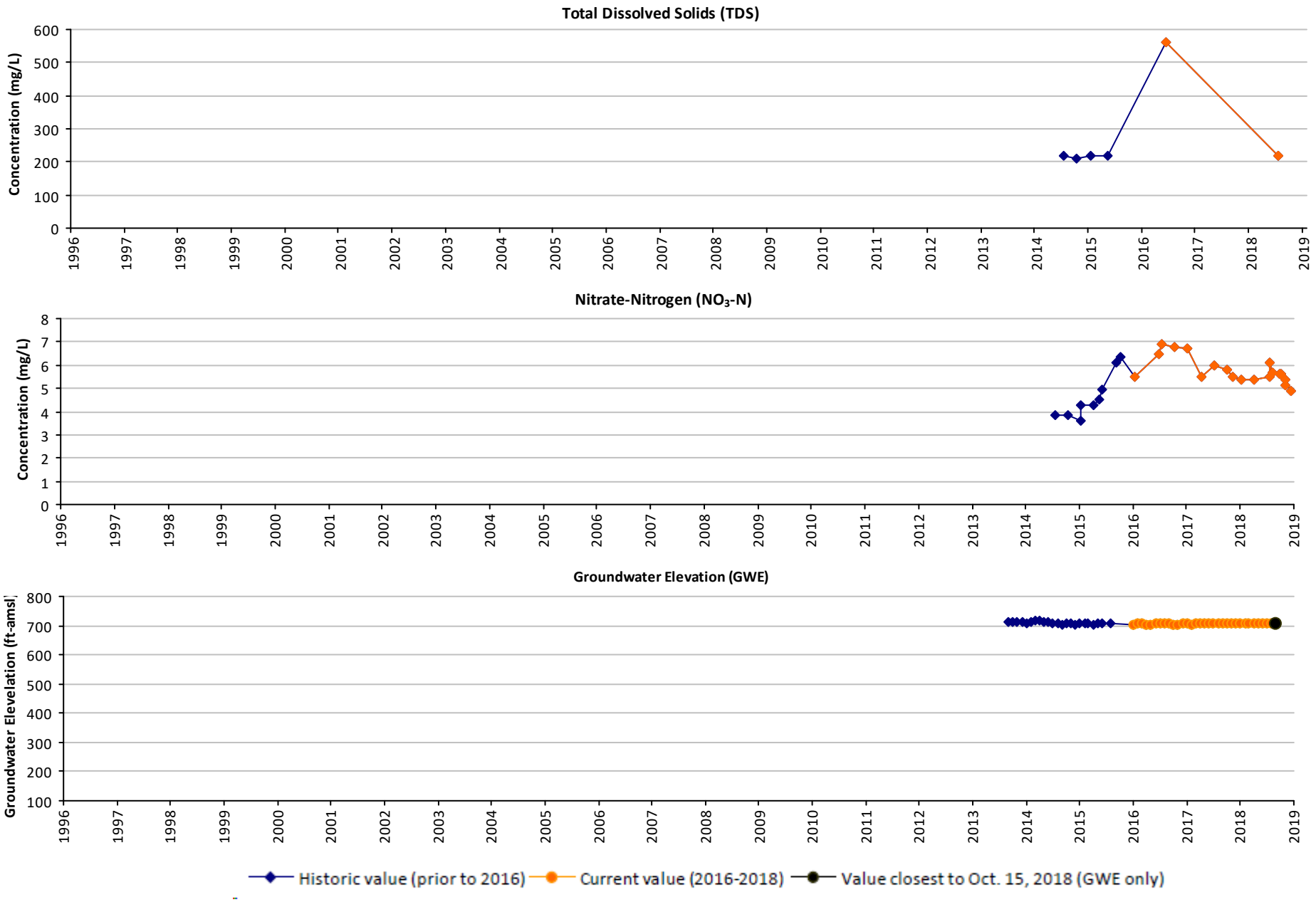
Groundwater Elevation (GWE)

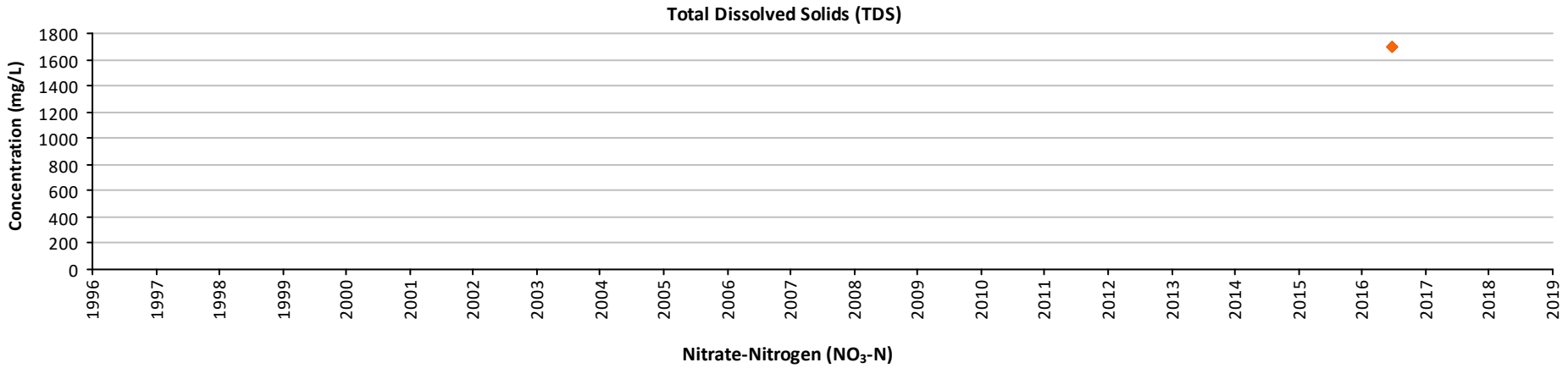



Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
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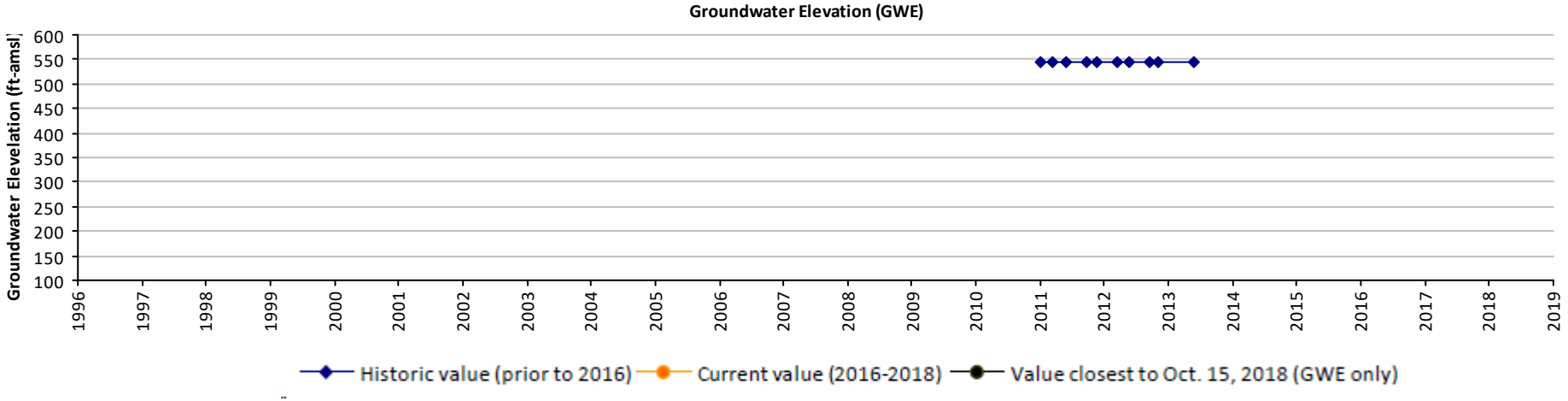
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
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2004
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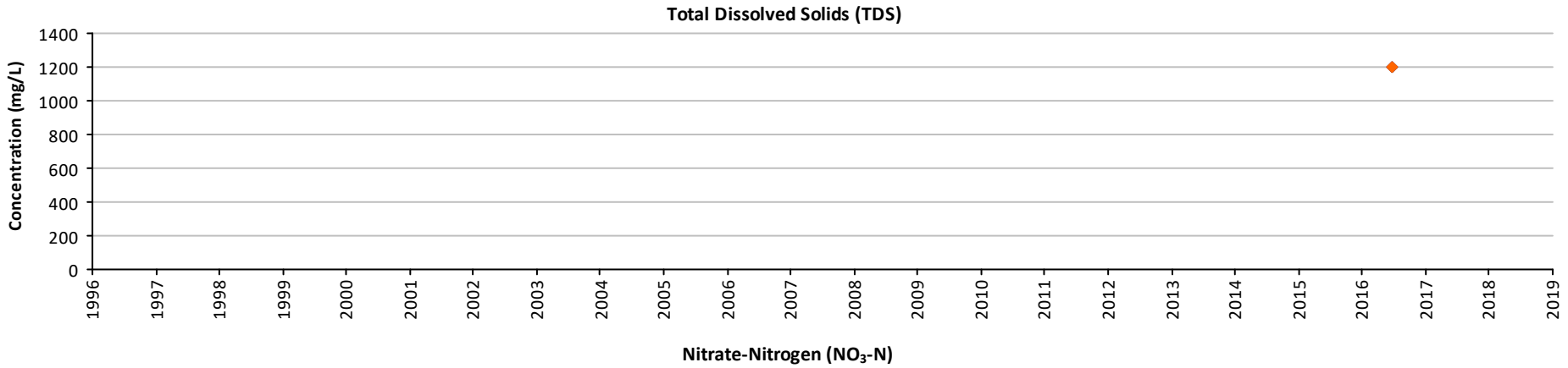
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
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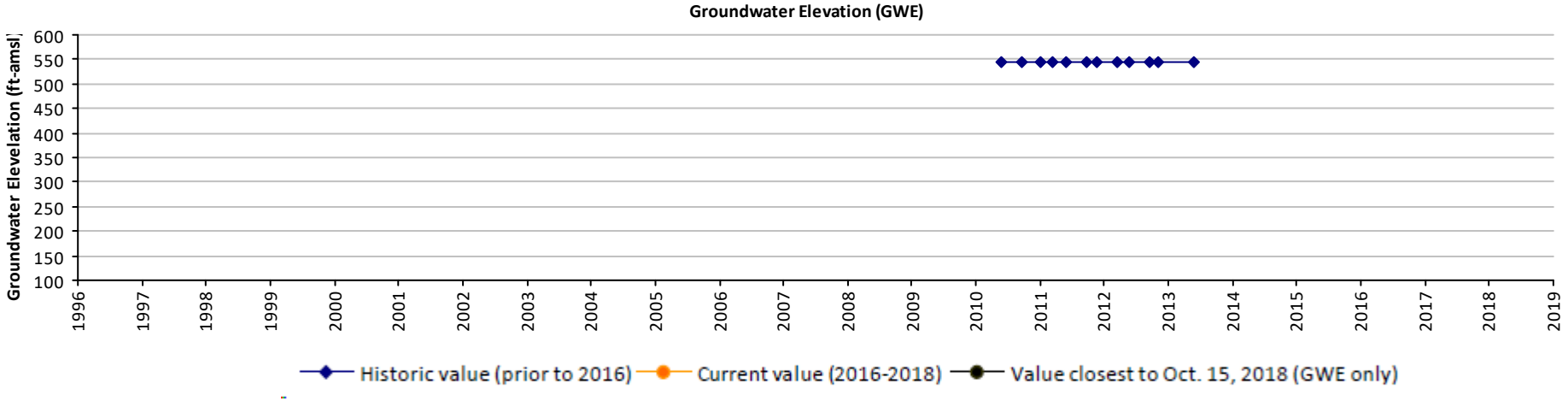
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
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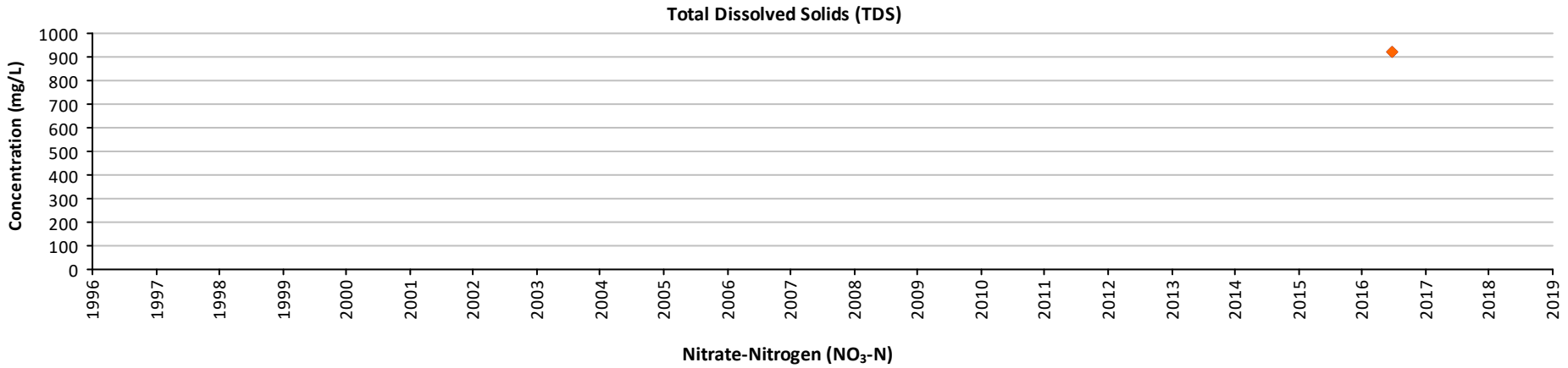
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
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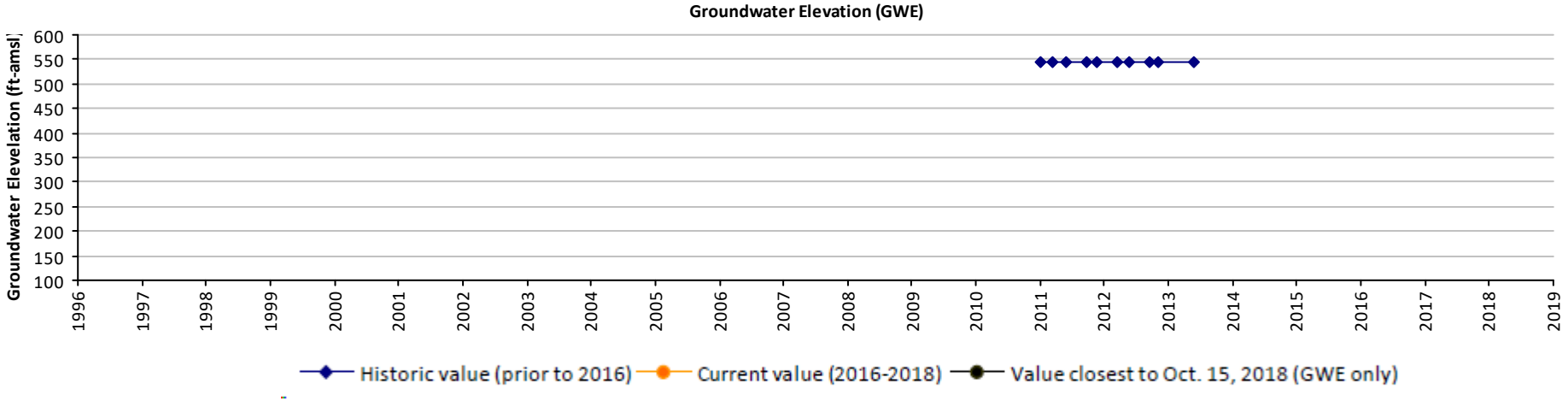
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
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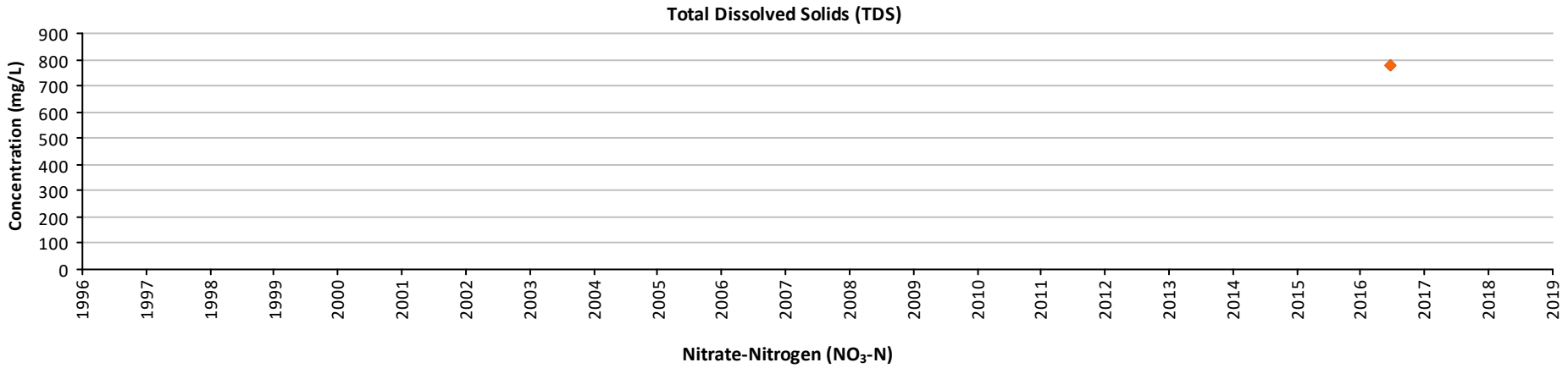
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
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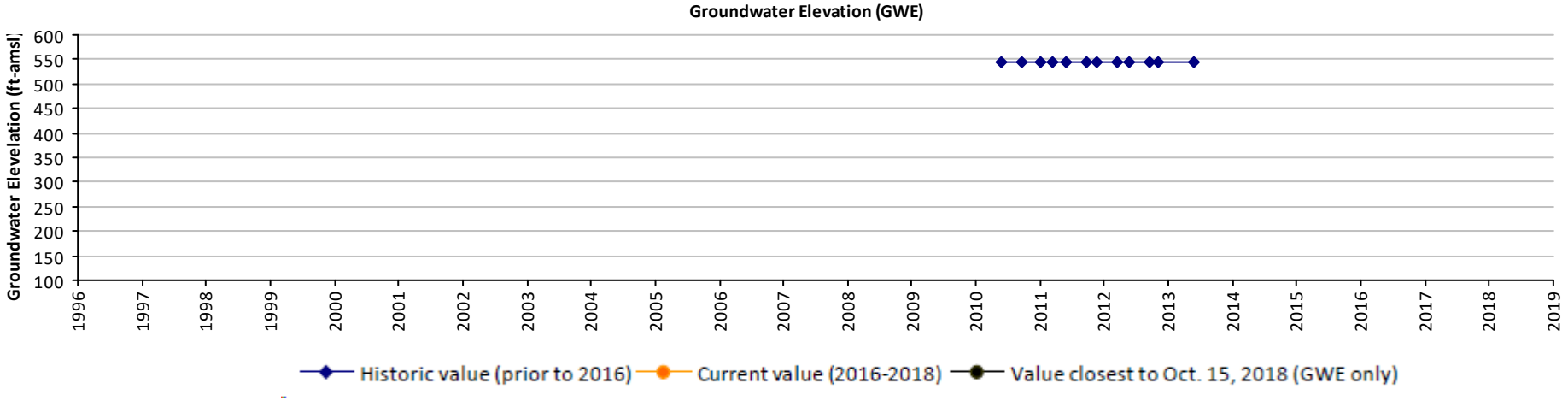
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
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350
300
250
200
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1996
1997
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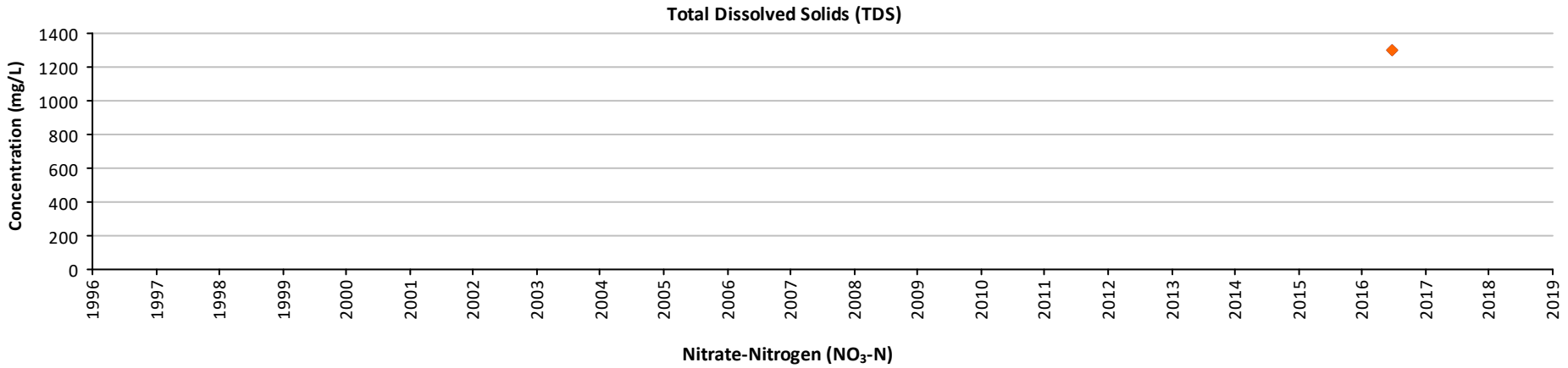
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
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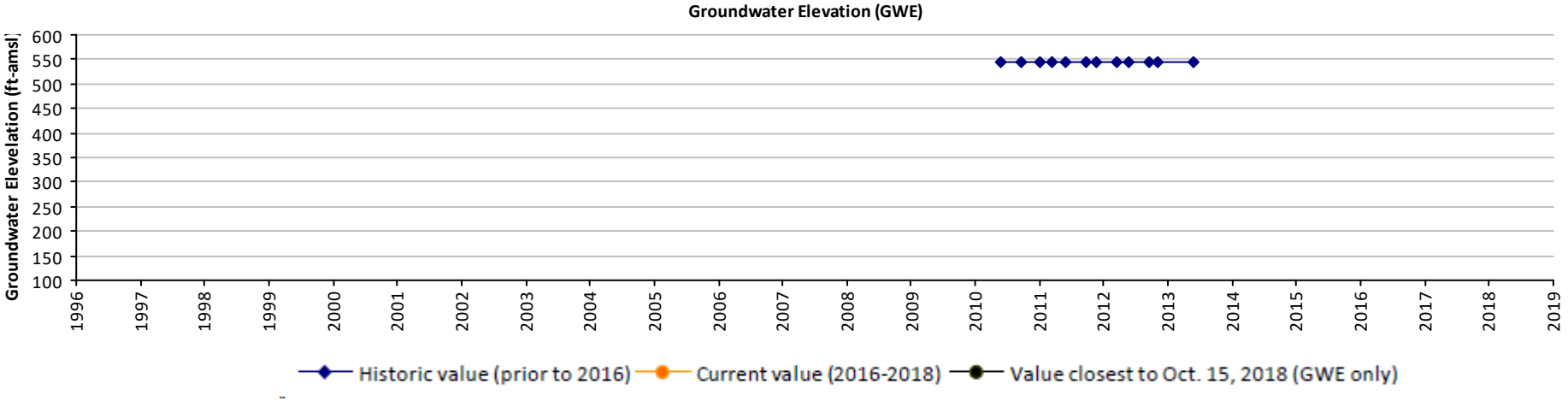
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
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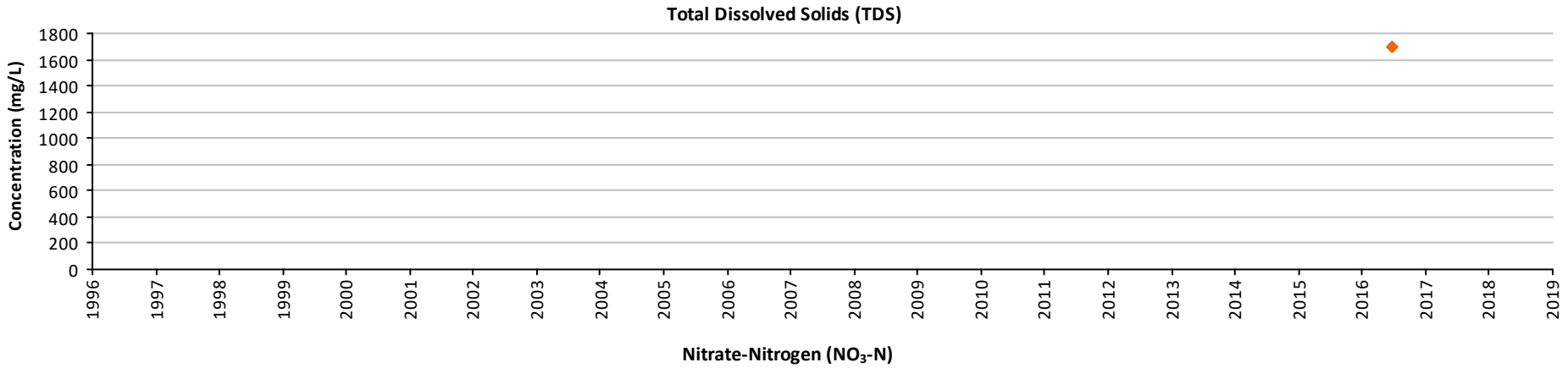
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
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1996
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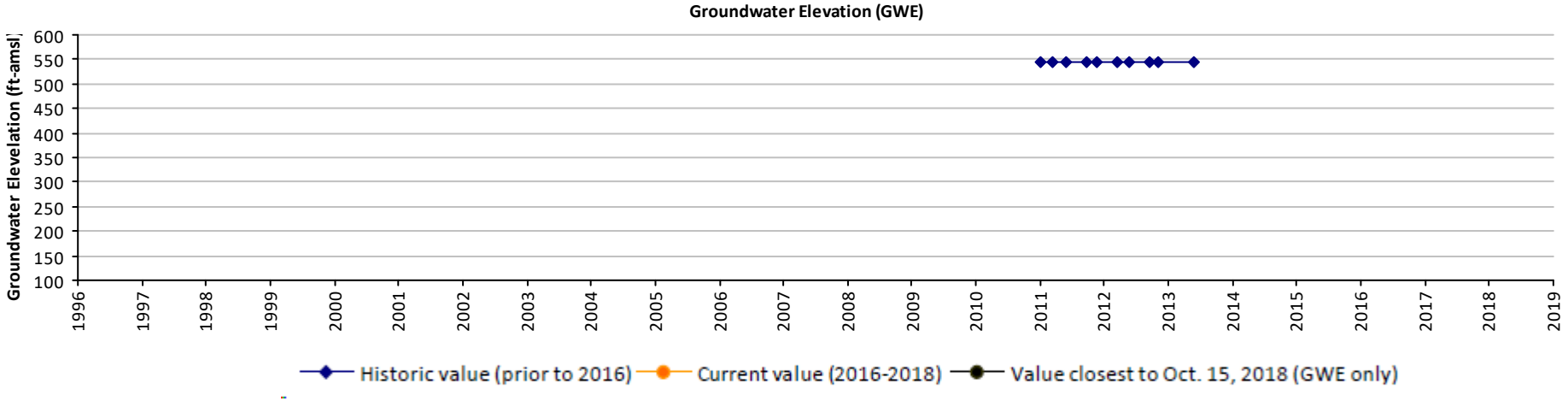
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
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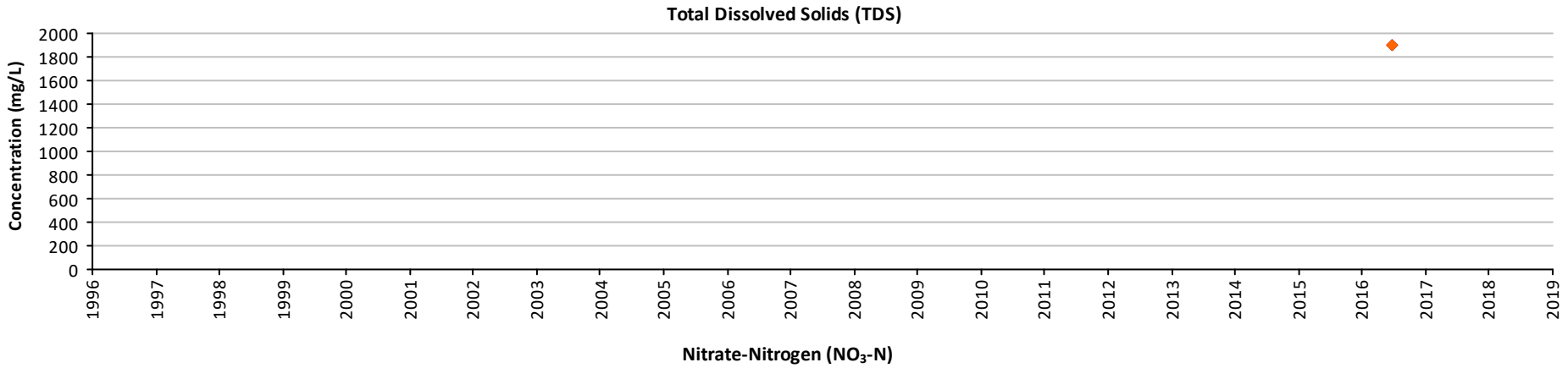
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2015
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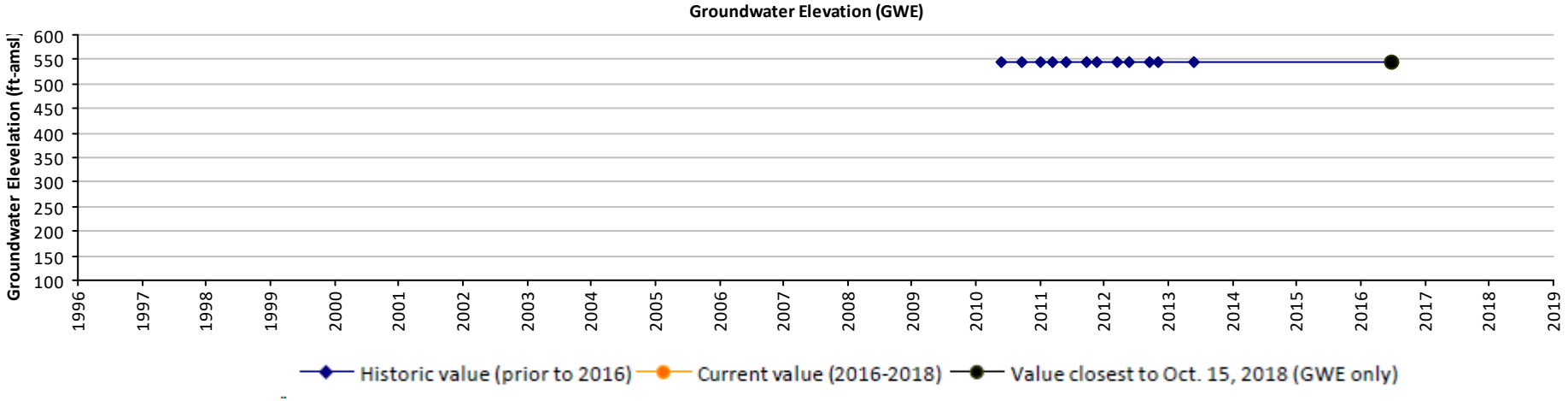
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
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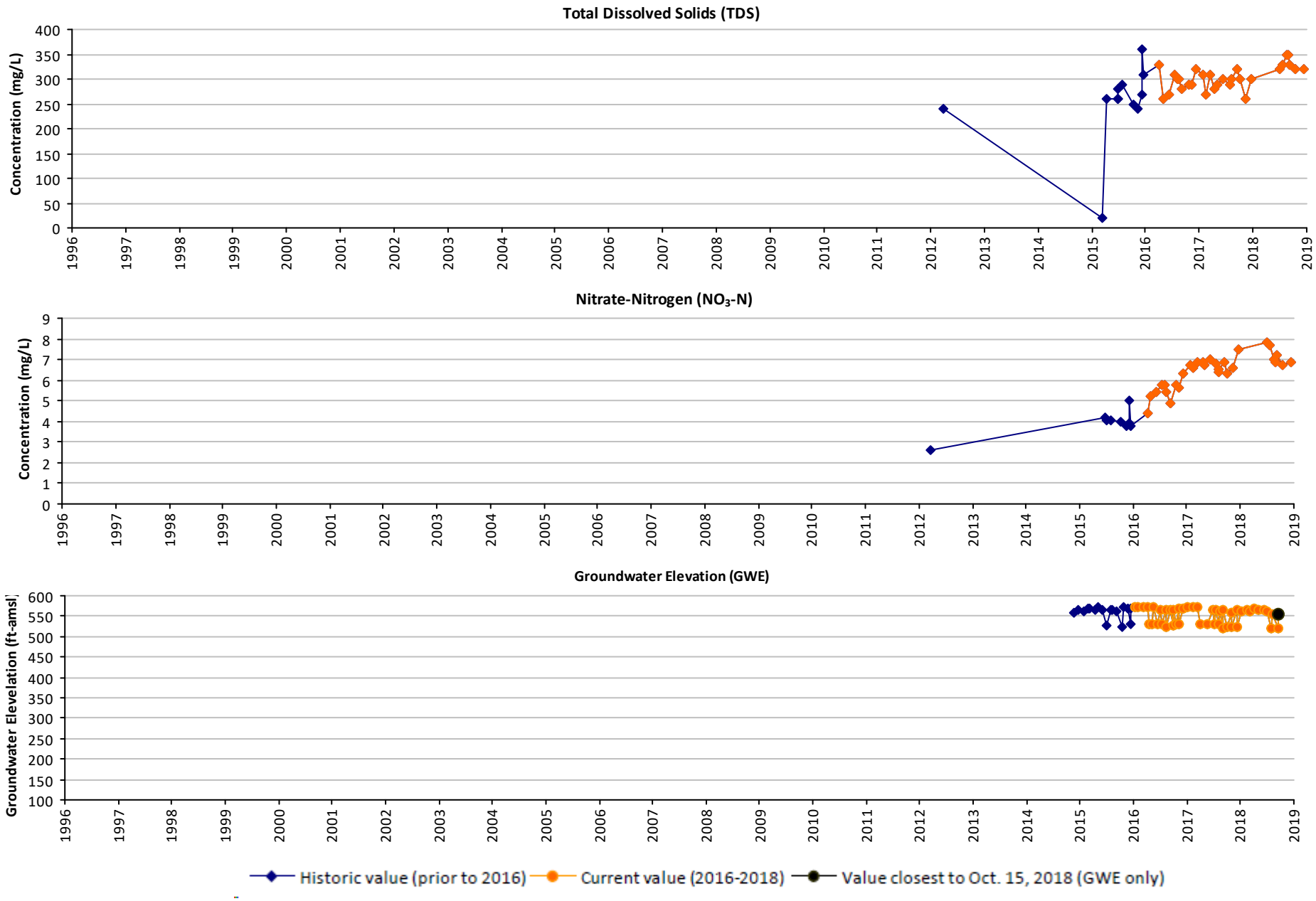
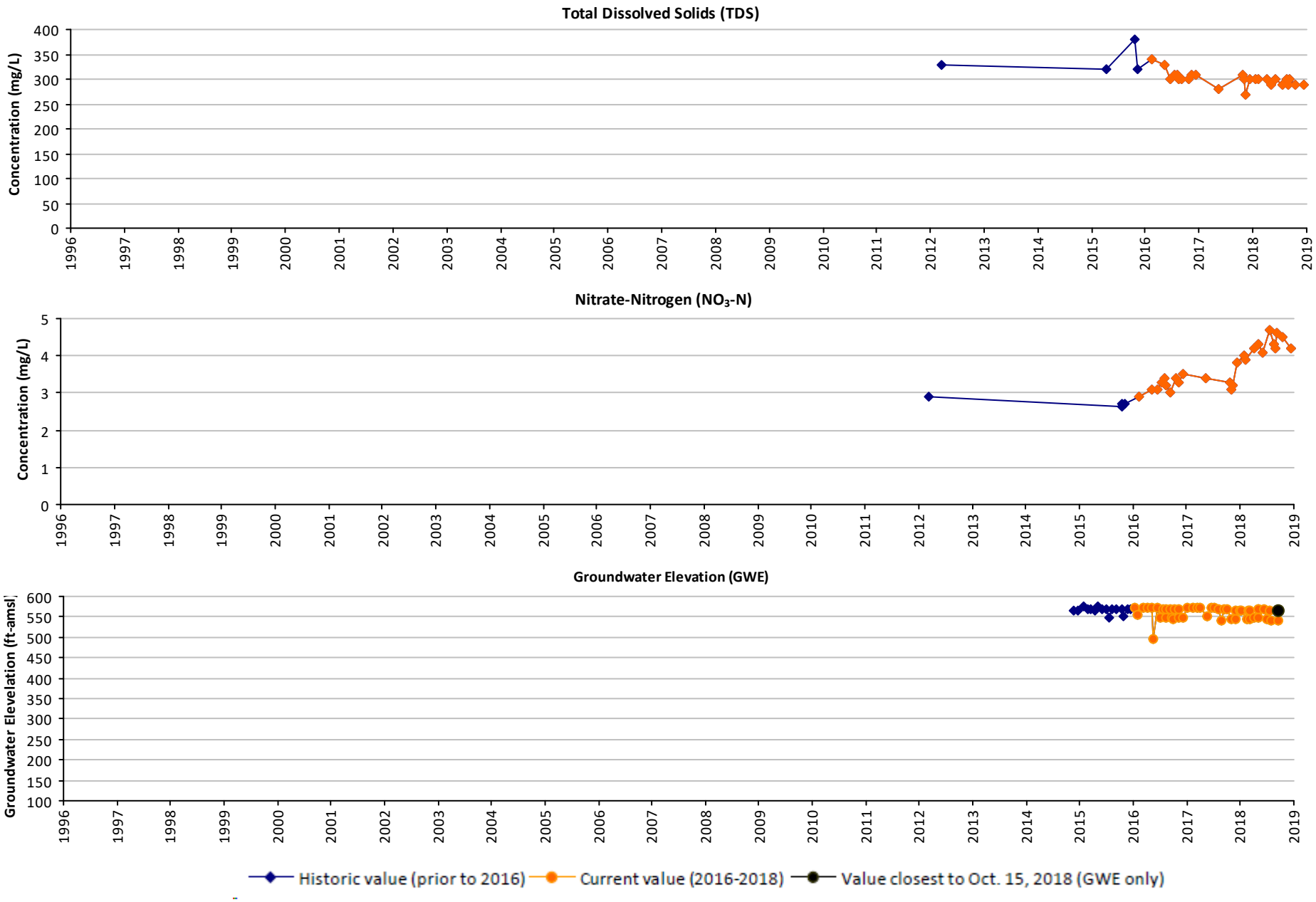
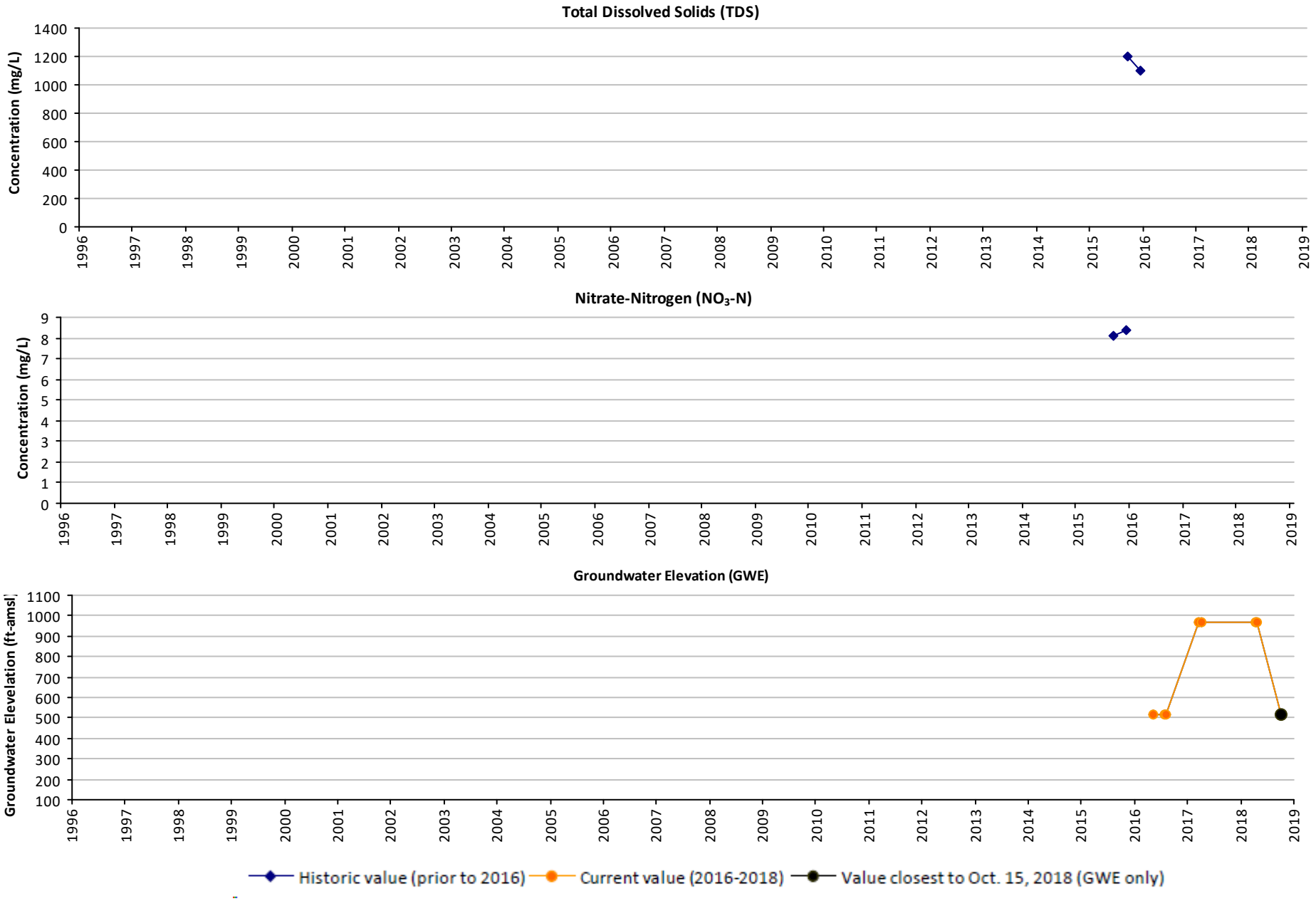
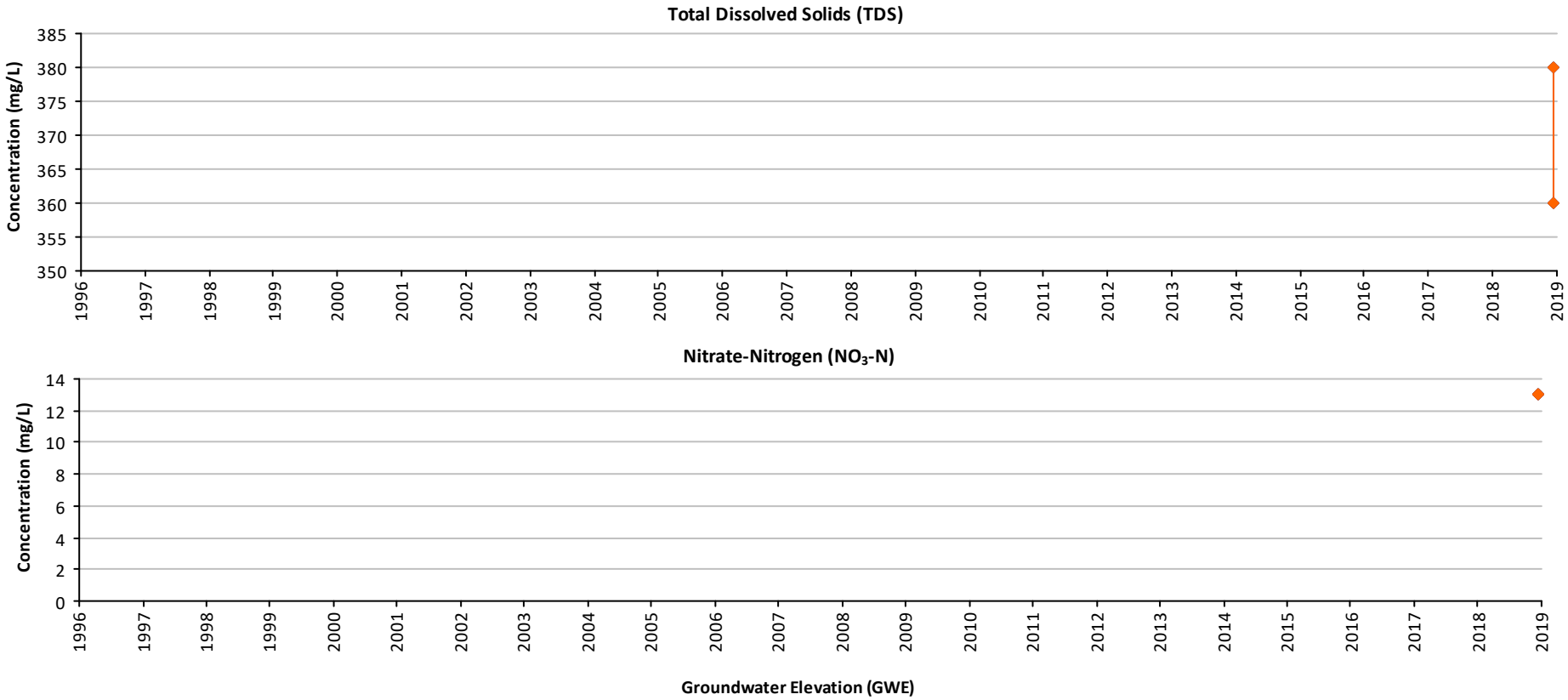
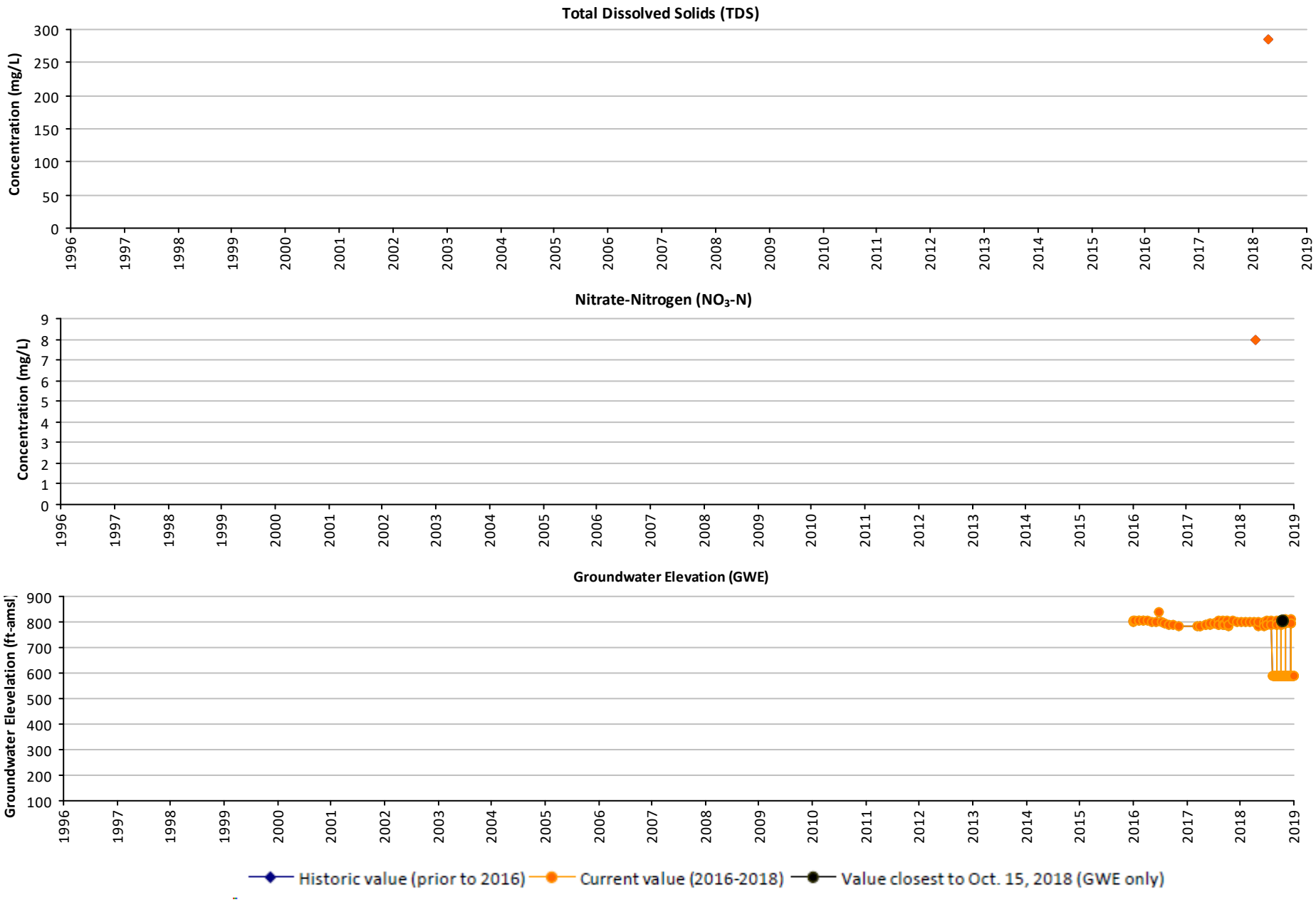
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

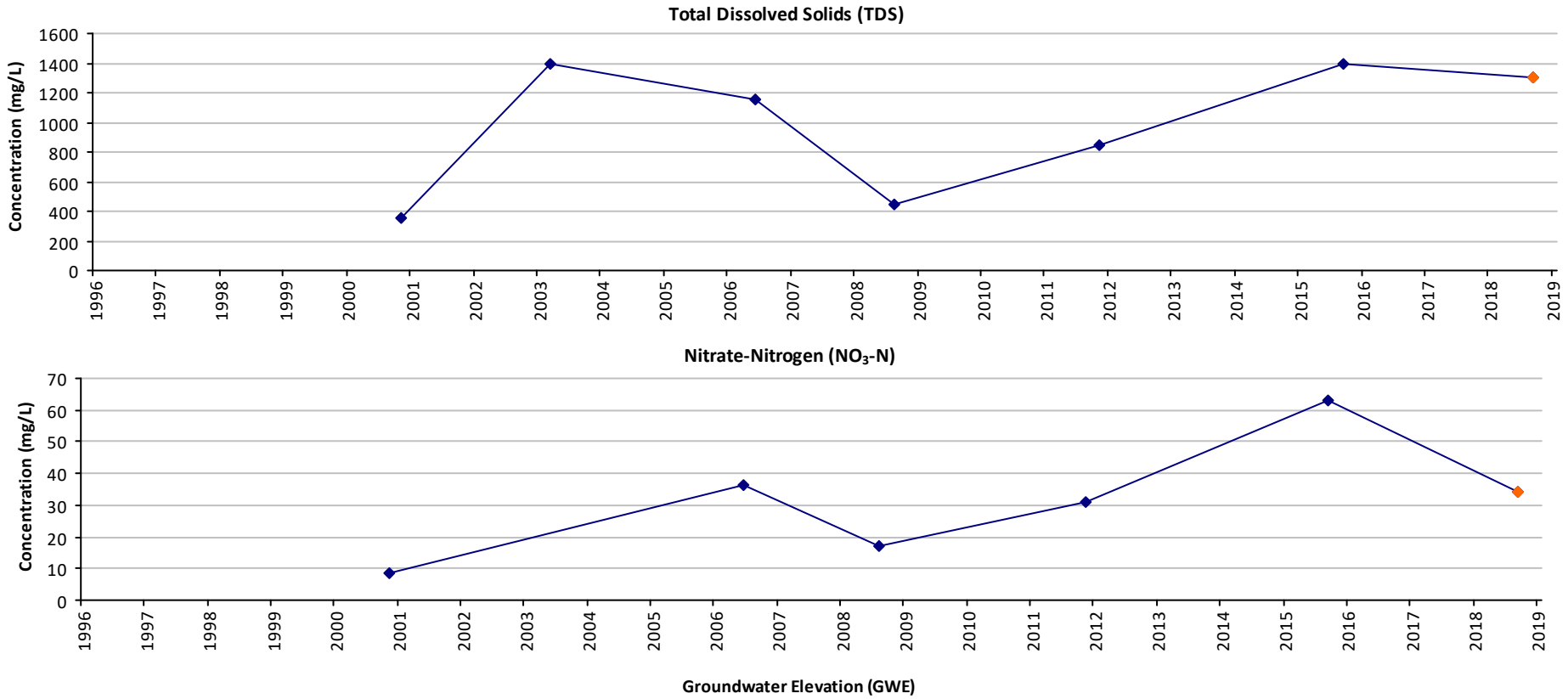

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

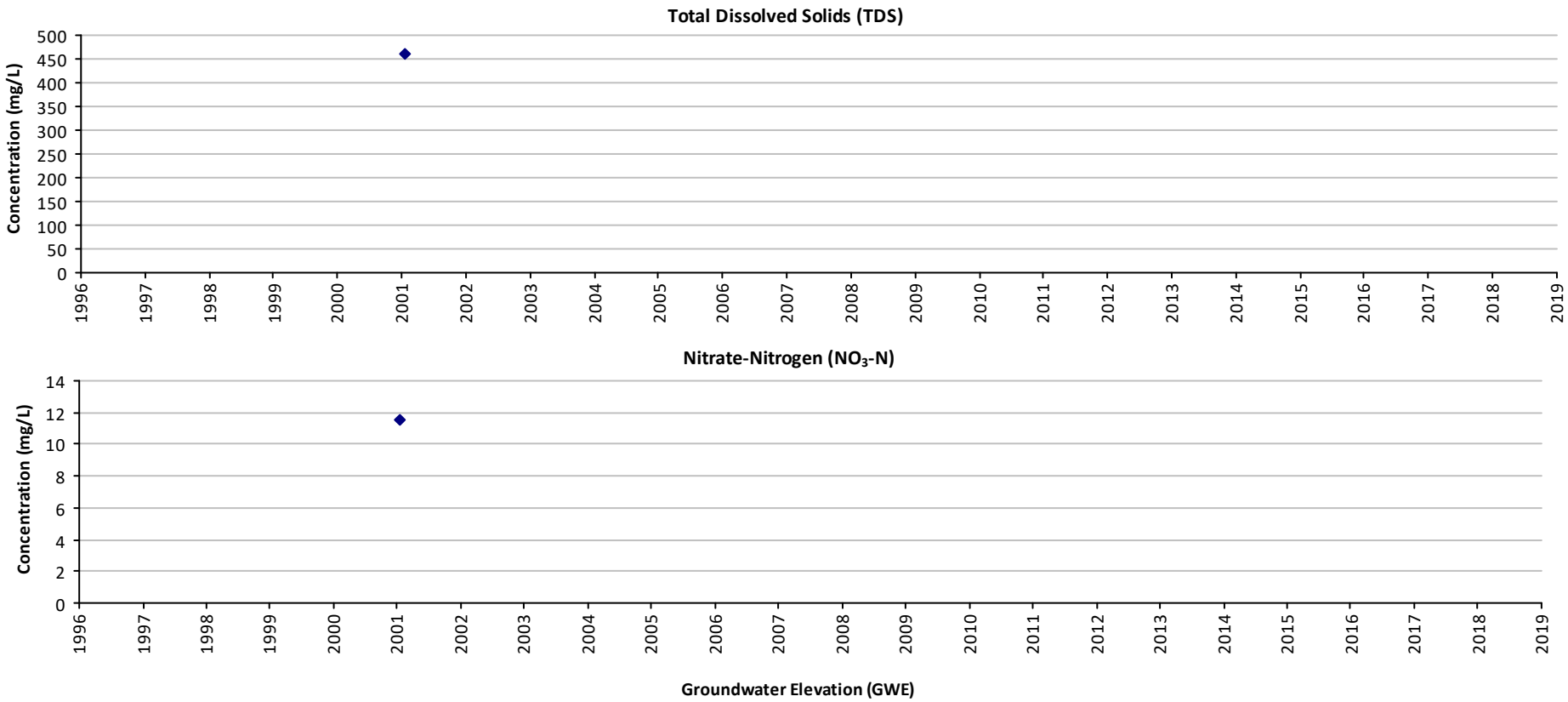

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

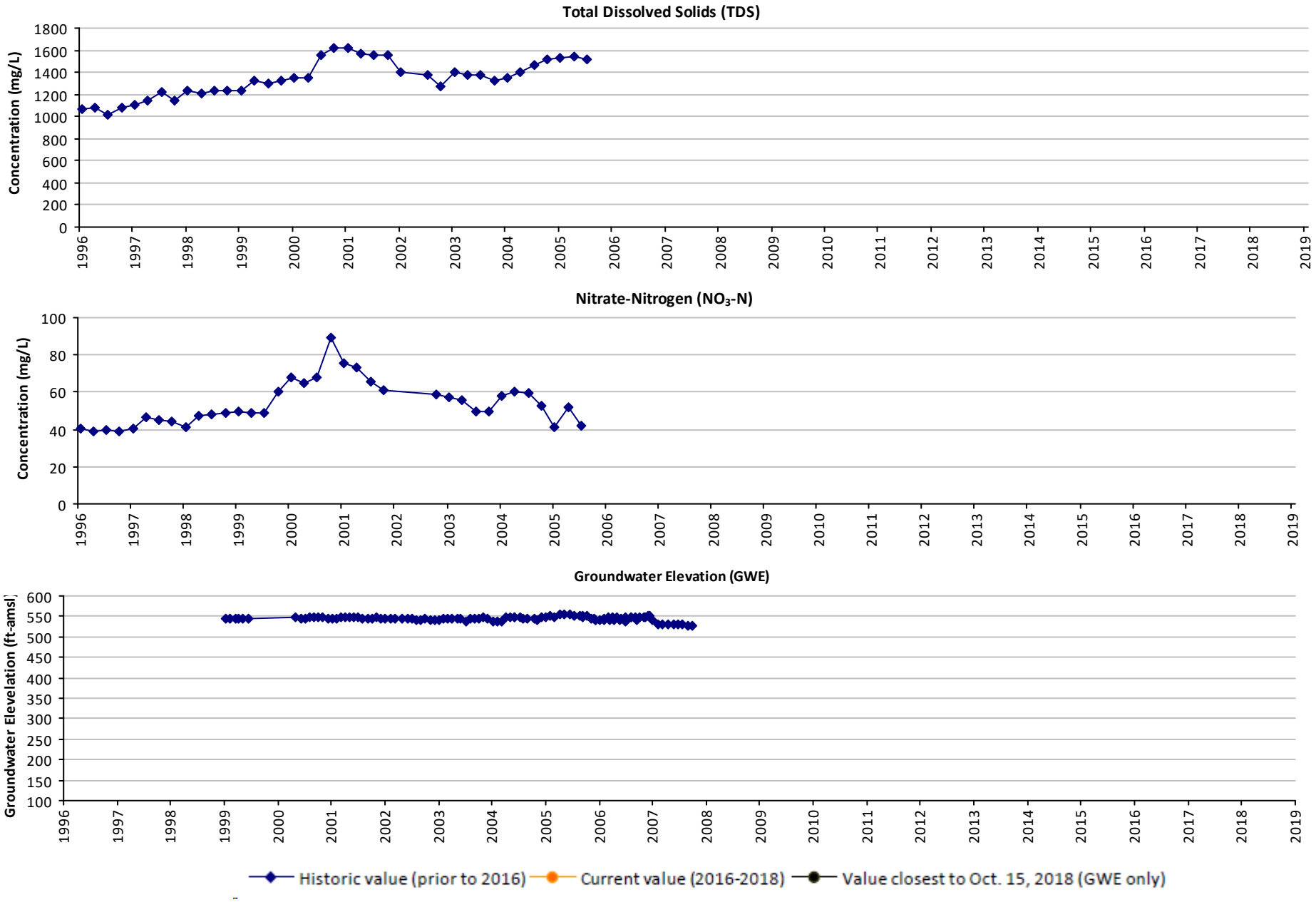

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

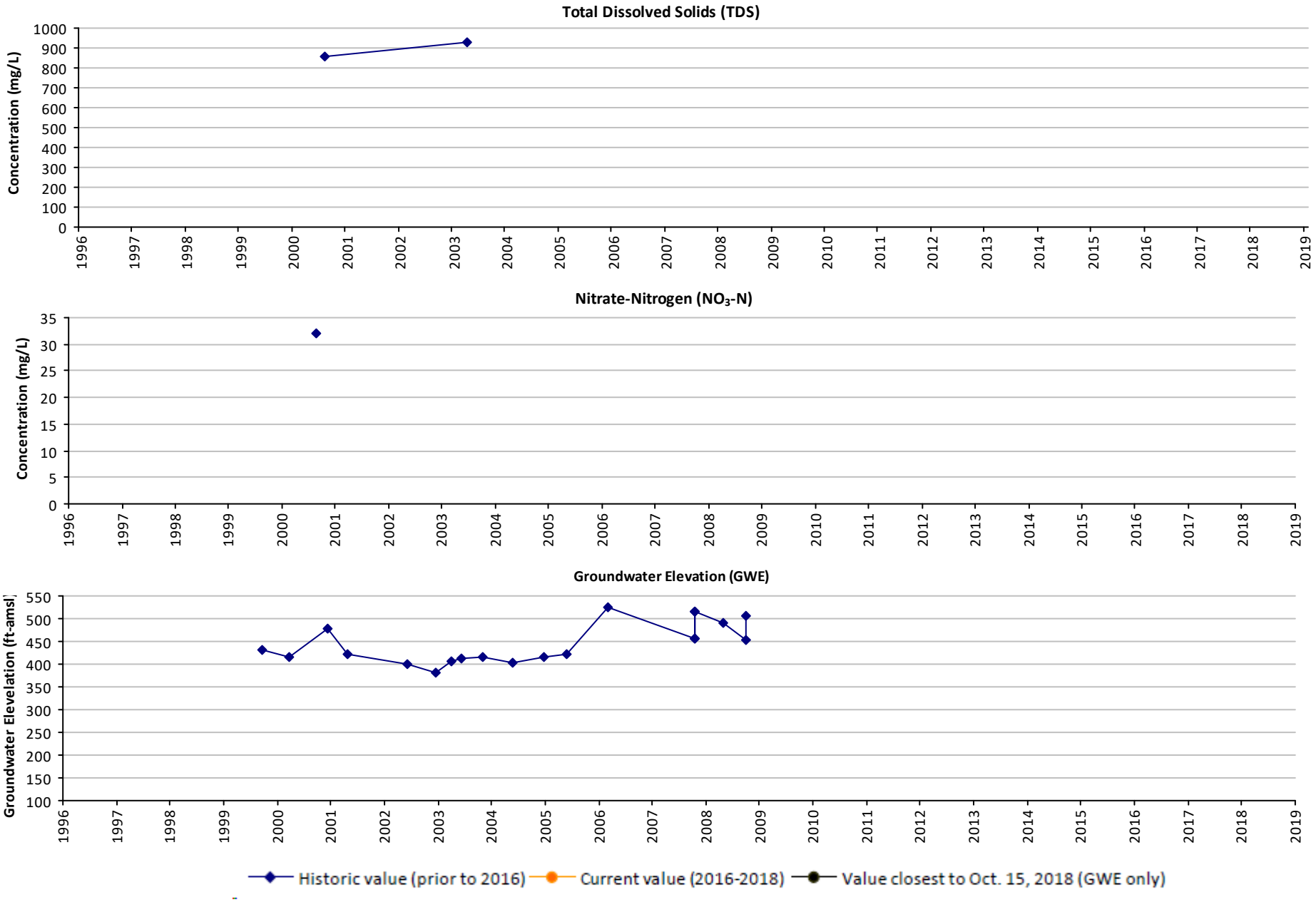

Total Dissolved Solids (TDS)
Concentration (mg/L)
385
380
375
370
365
360
355
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

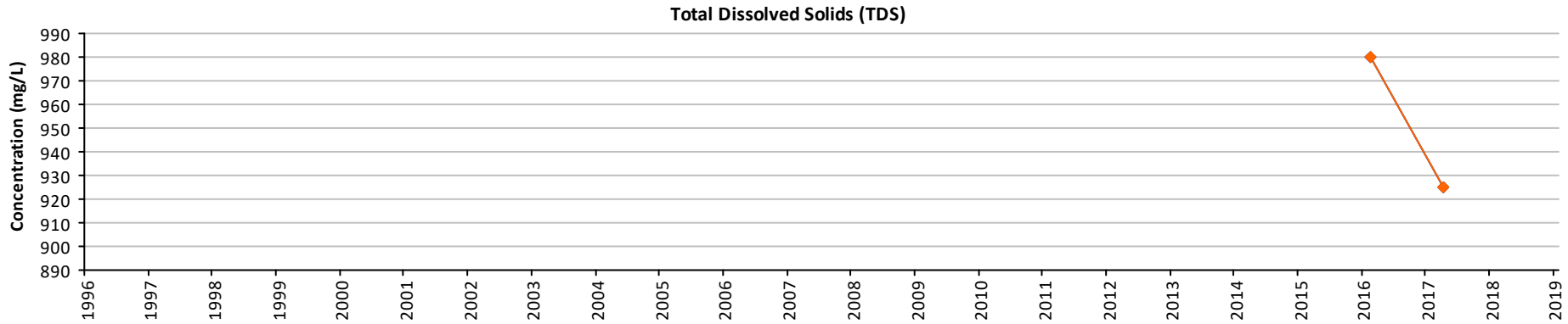

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

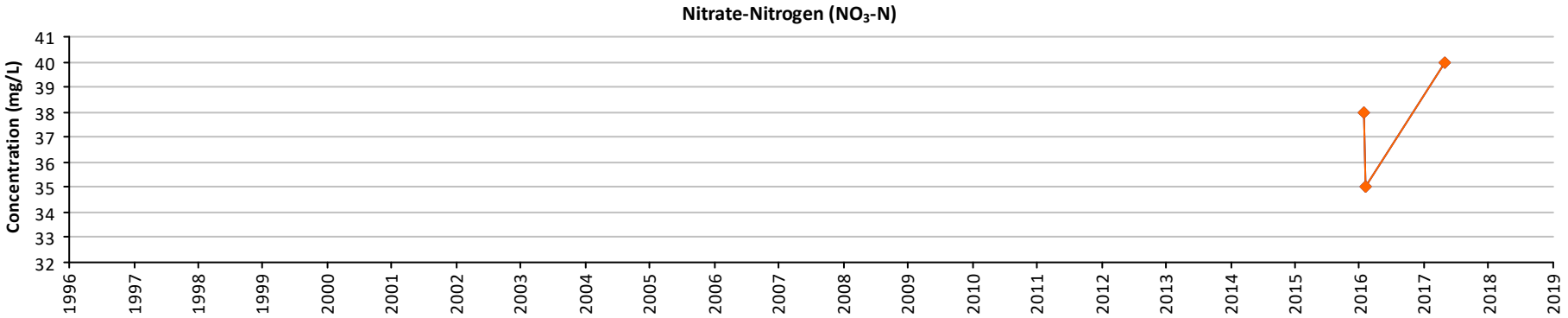

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

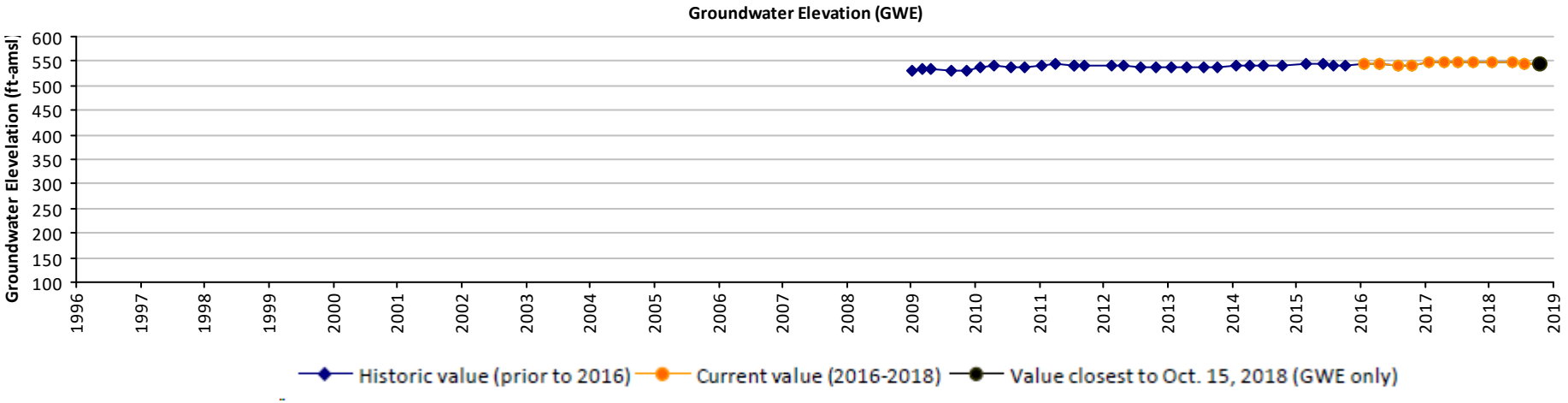

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

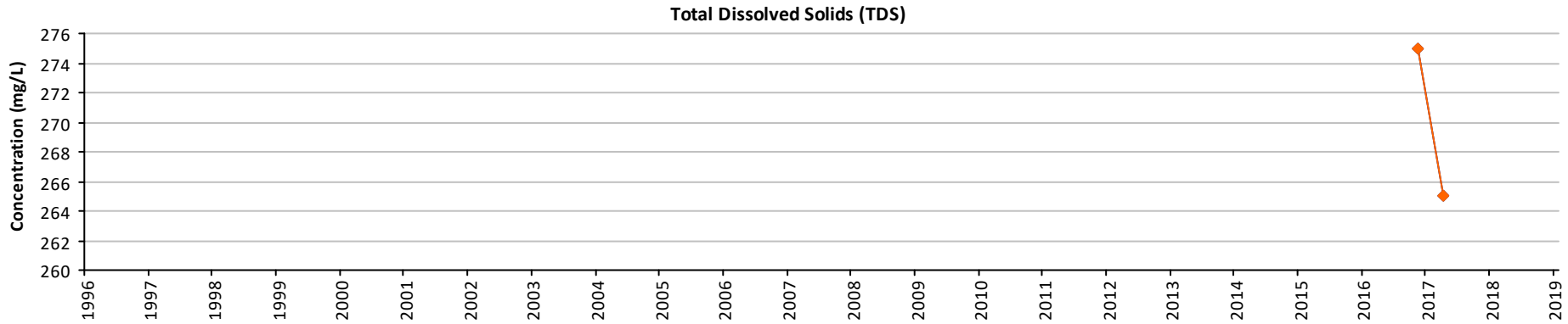

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

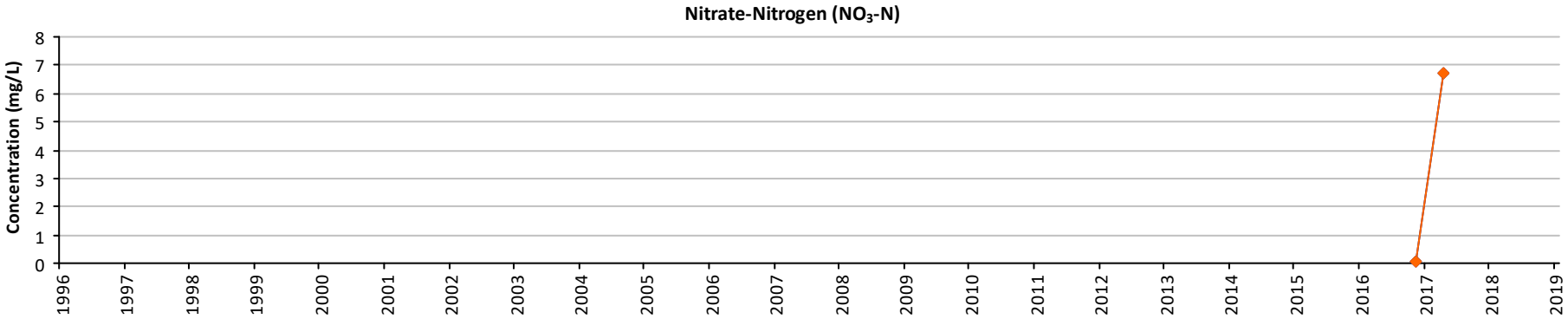

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

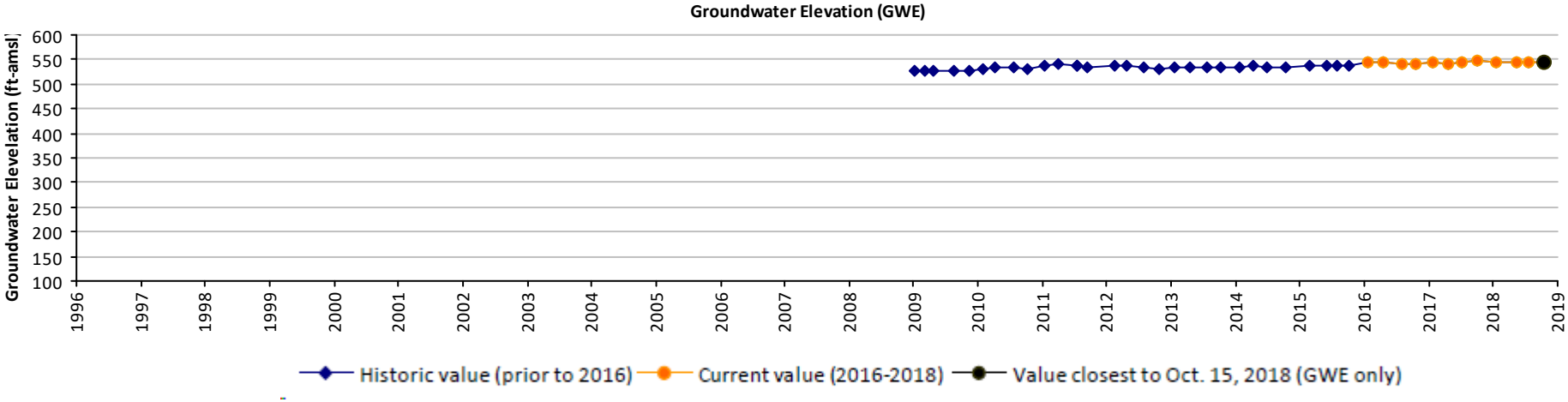

Total Dissolved Solids (TDS)
Concentration (mg/L)
990
980
970
960
950
940
930
920
910
900
890
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

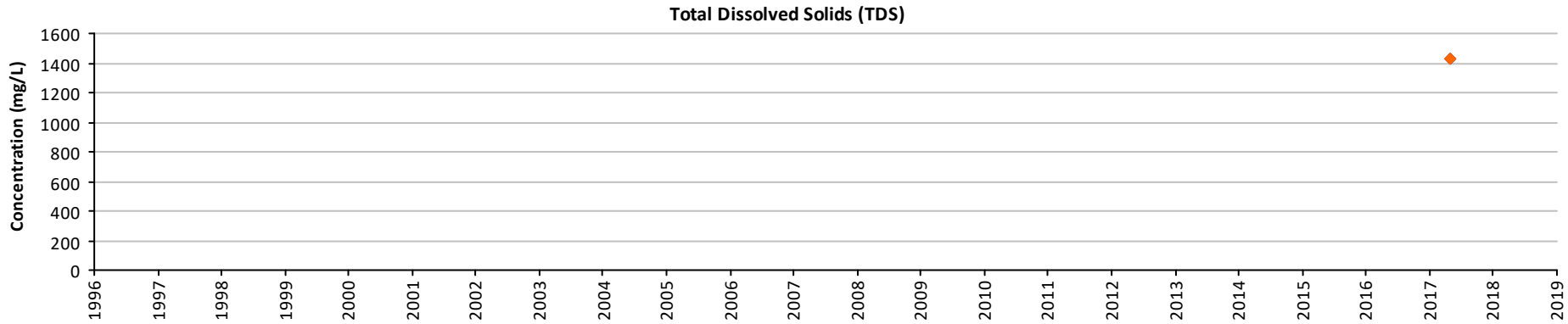

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
41
40
39
38
37
36
35
34
33
32
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

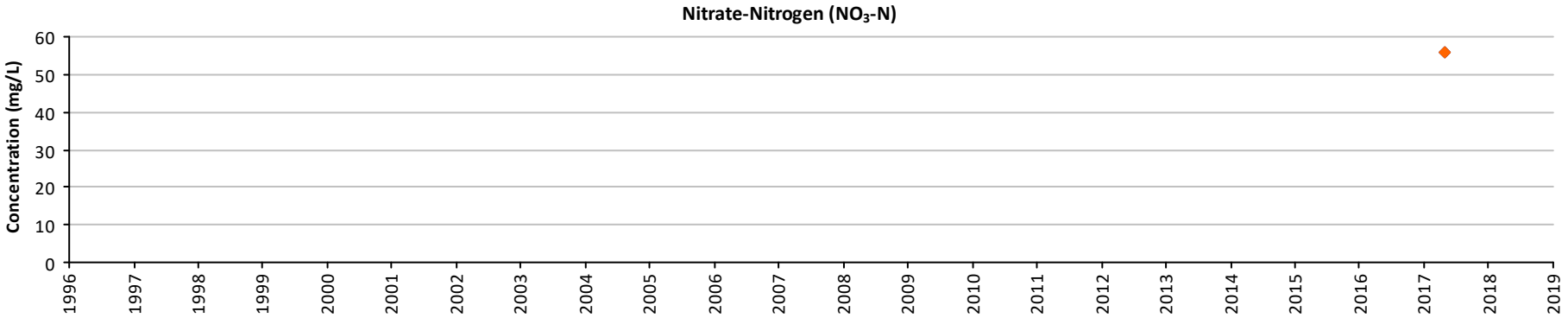

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

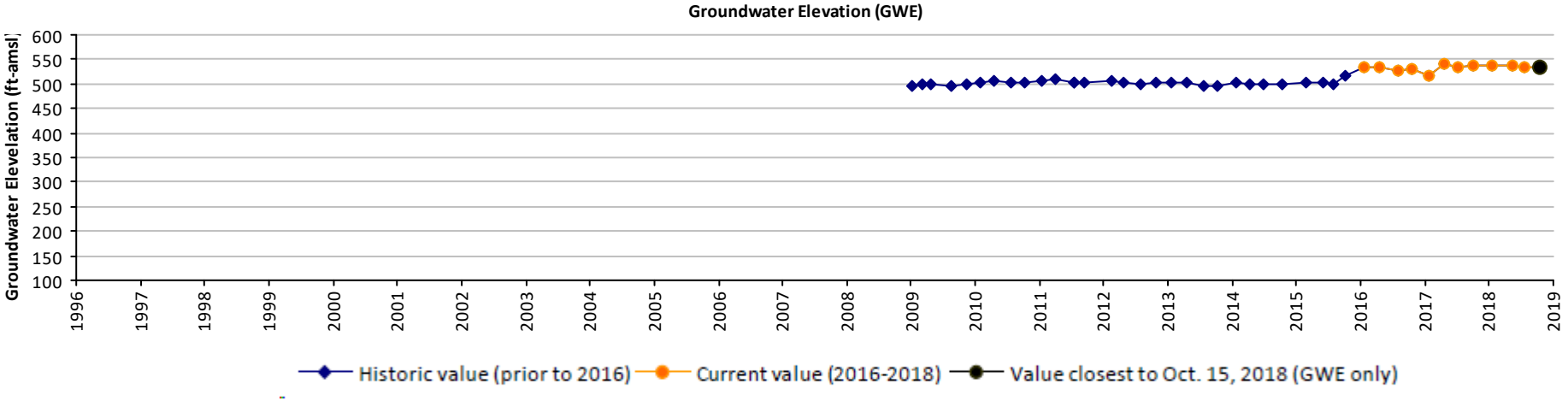

Total Dissolved Solids (TDS)
Concentration (mg/L)
276
274
272
270
268
266
264
262
260
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

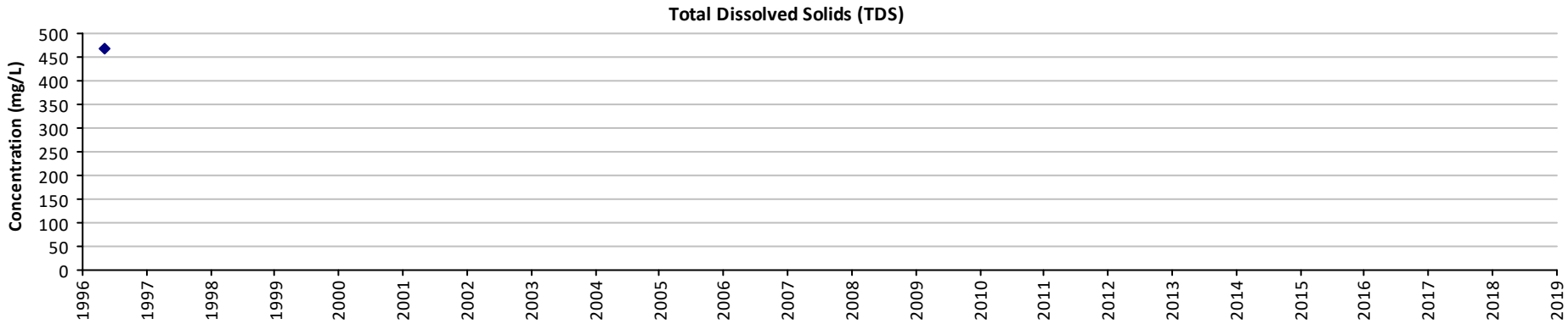

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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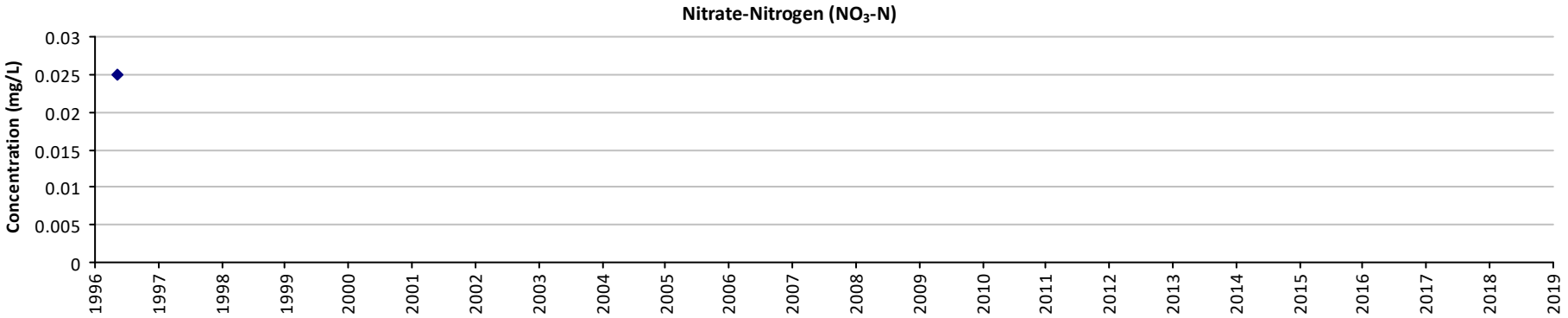
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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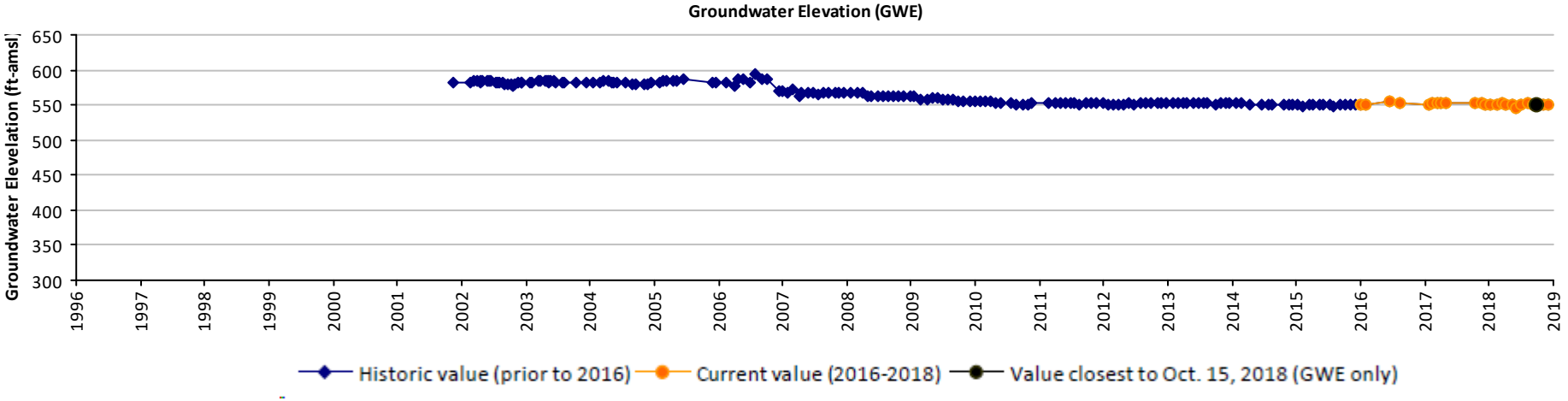
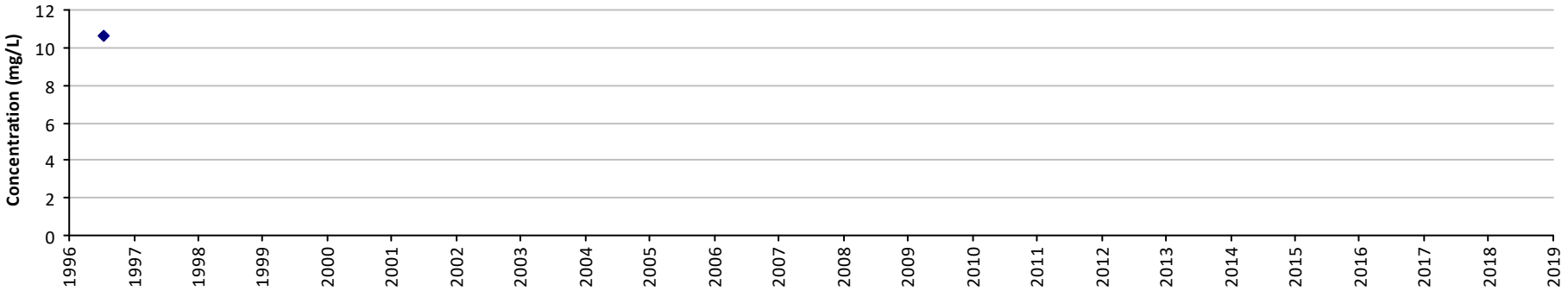
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

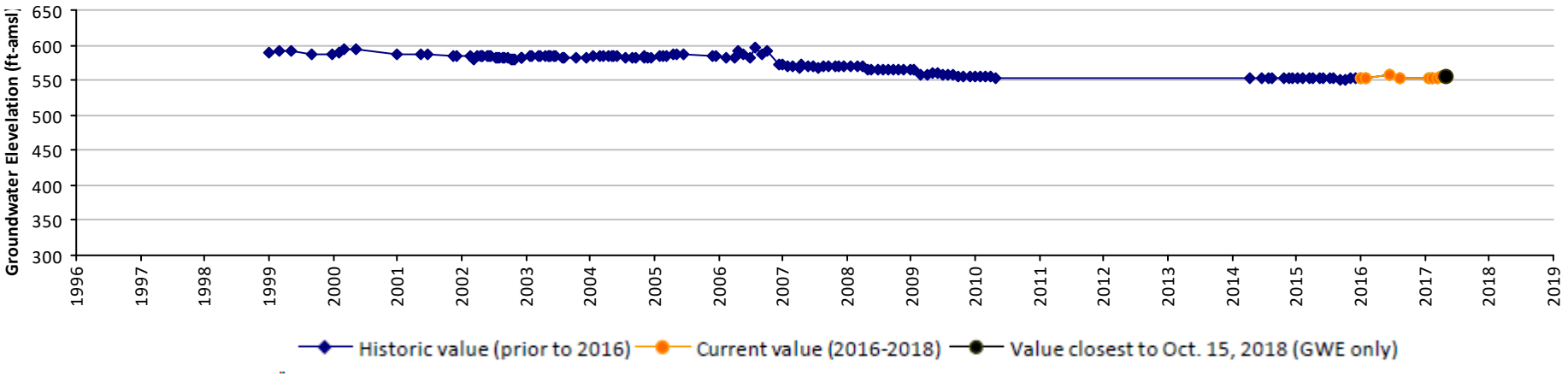

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
650
600
550
500
450
400
350
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

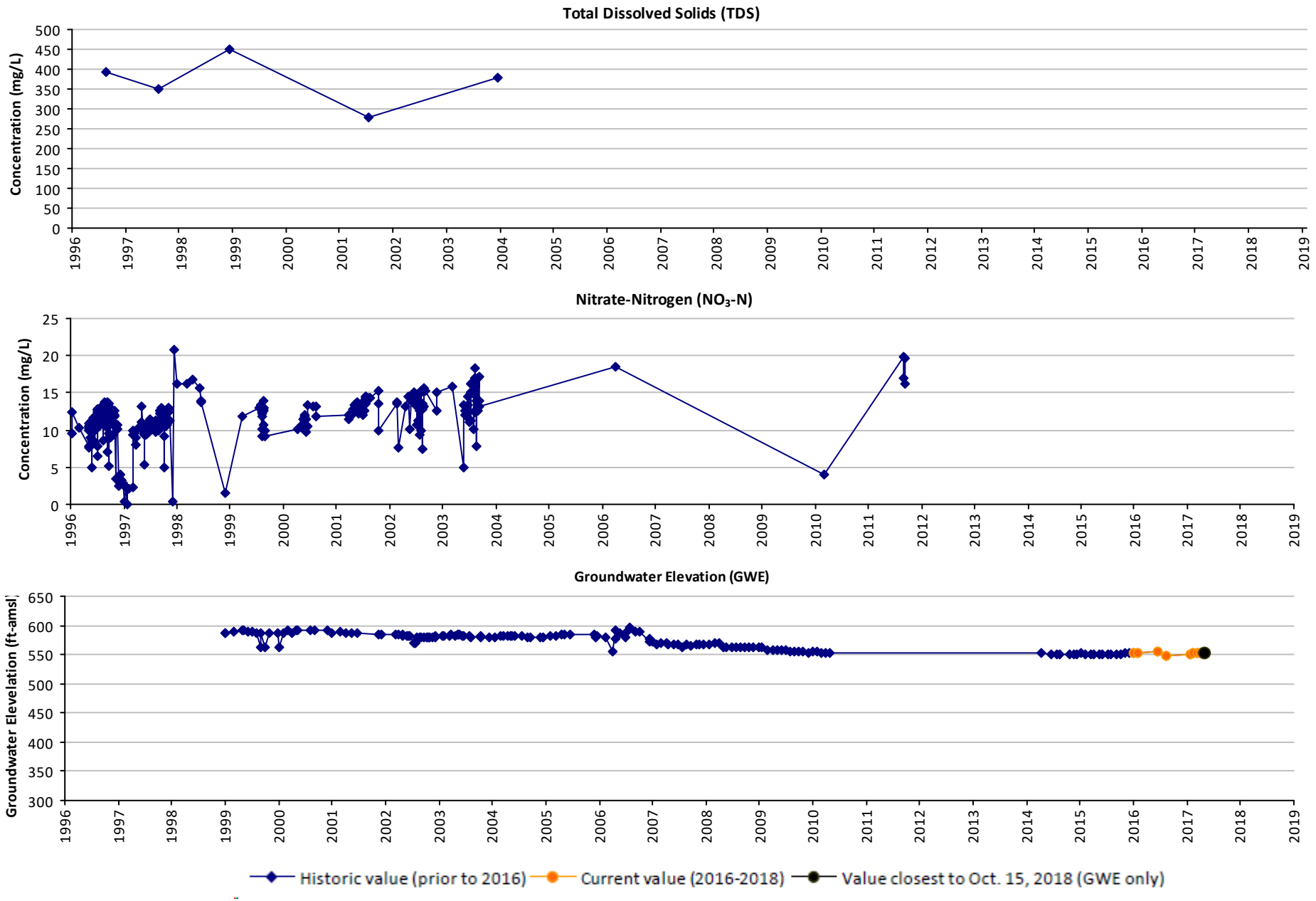
Total Dissolved Solids (TDS)

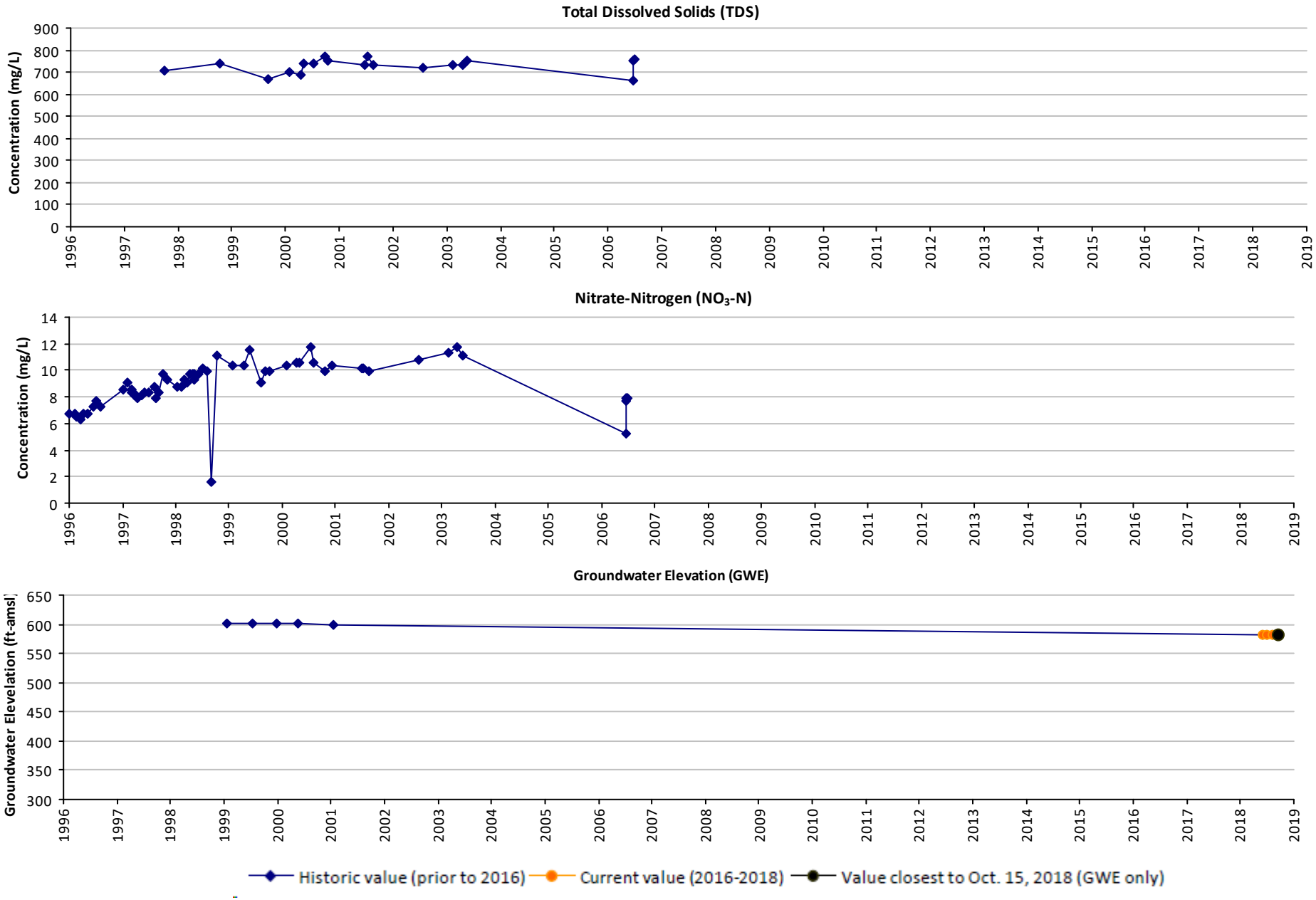
Nitrate-Nitrogen (NO_3-N)



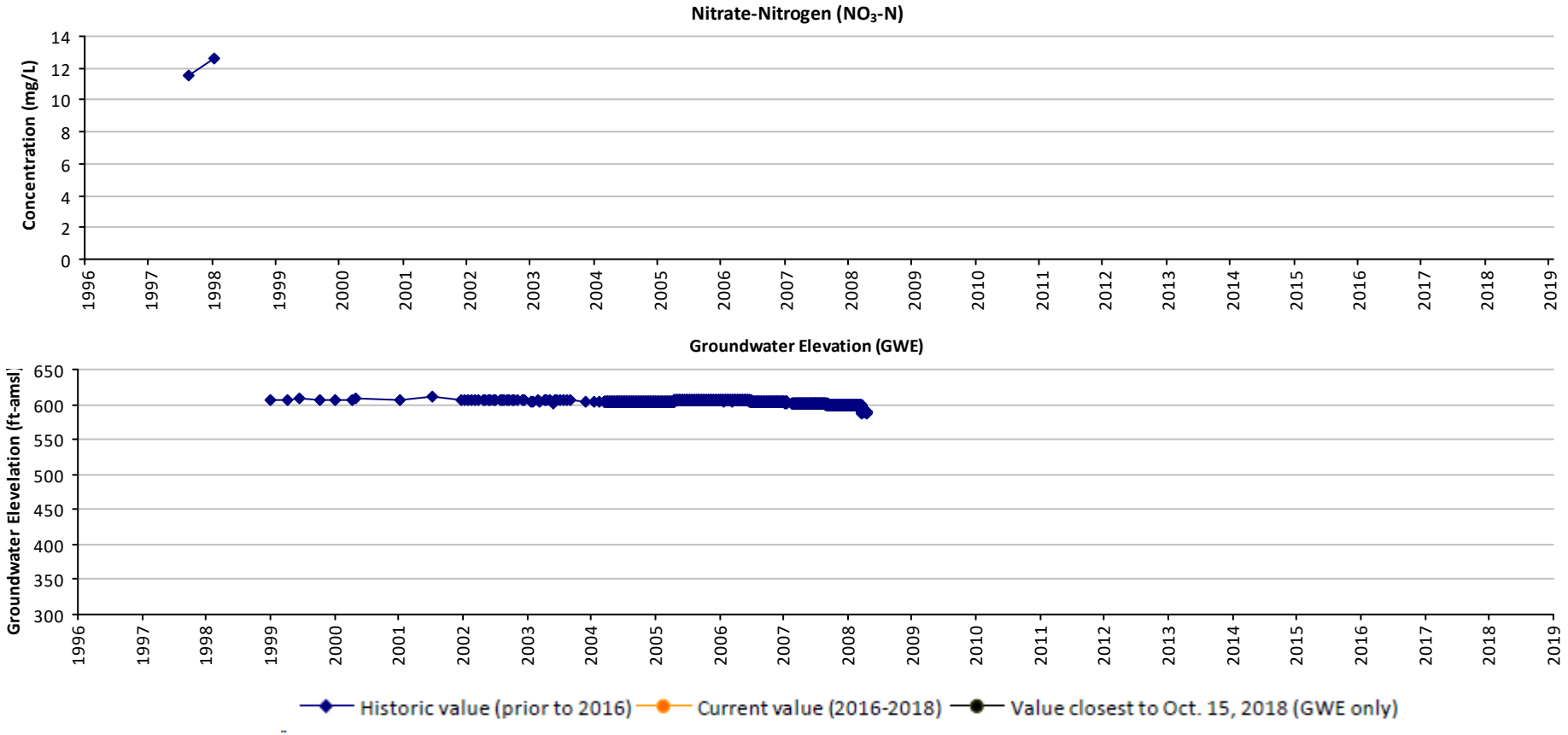
Groundwater Elevation (GWE)

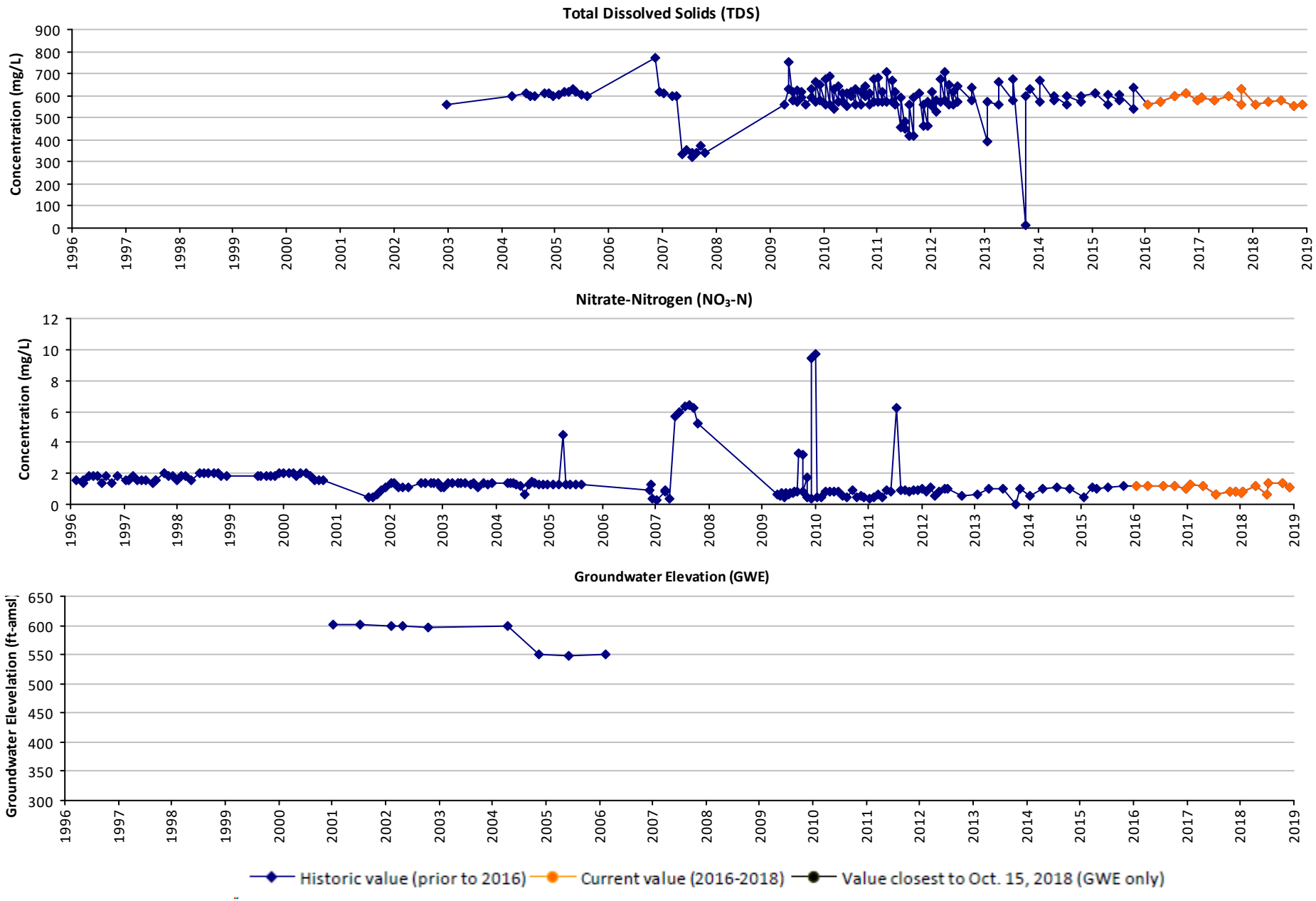


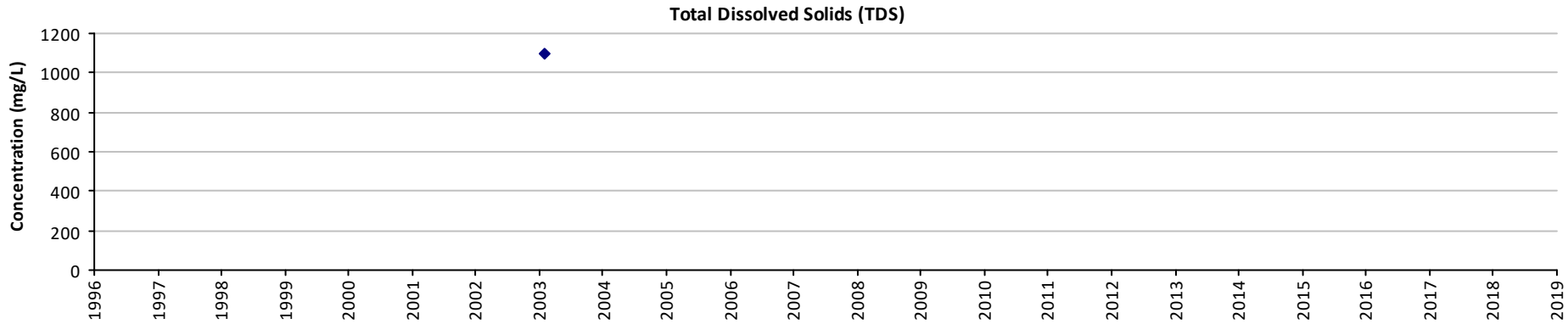

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

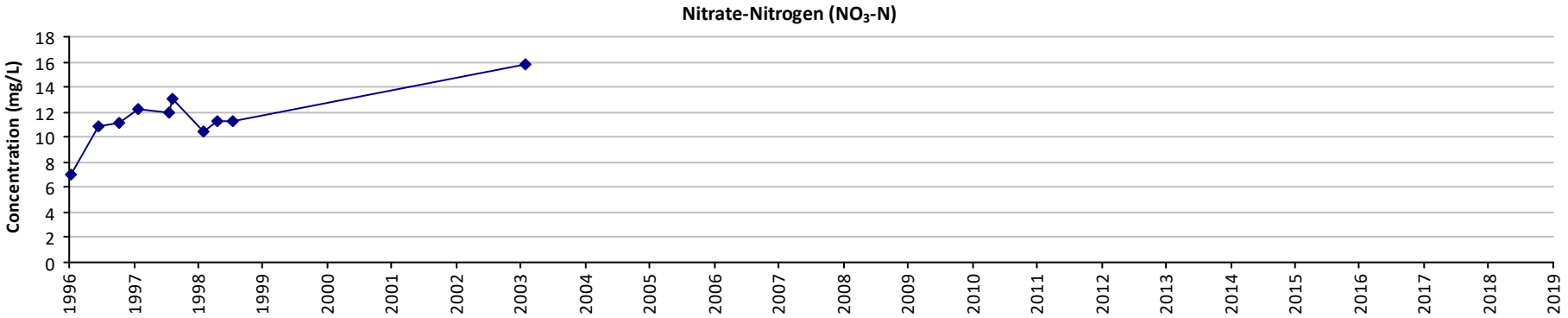

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

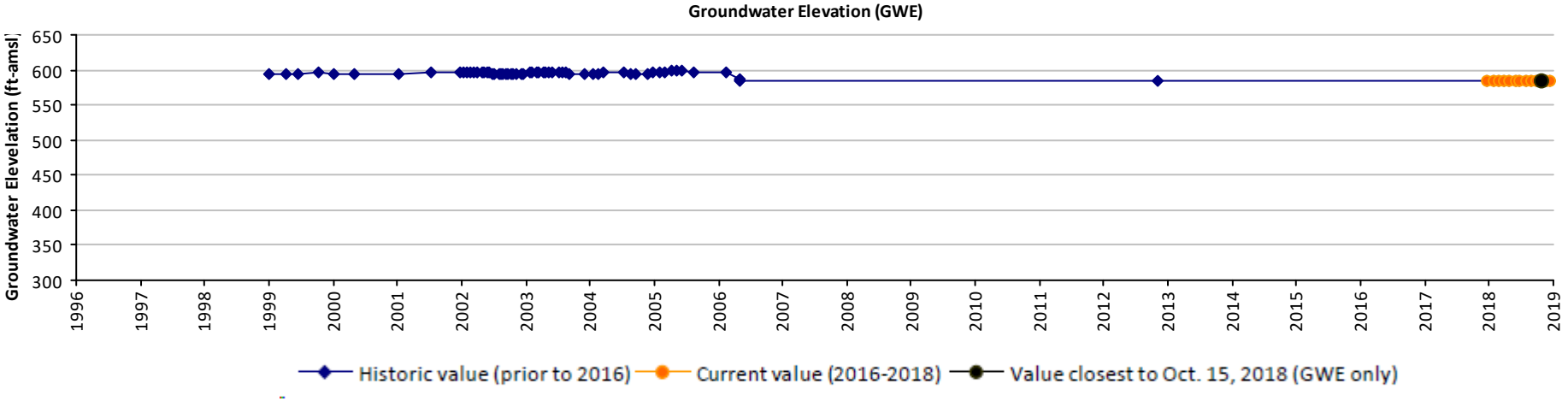
Total Dissolved Solids (TDS)

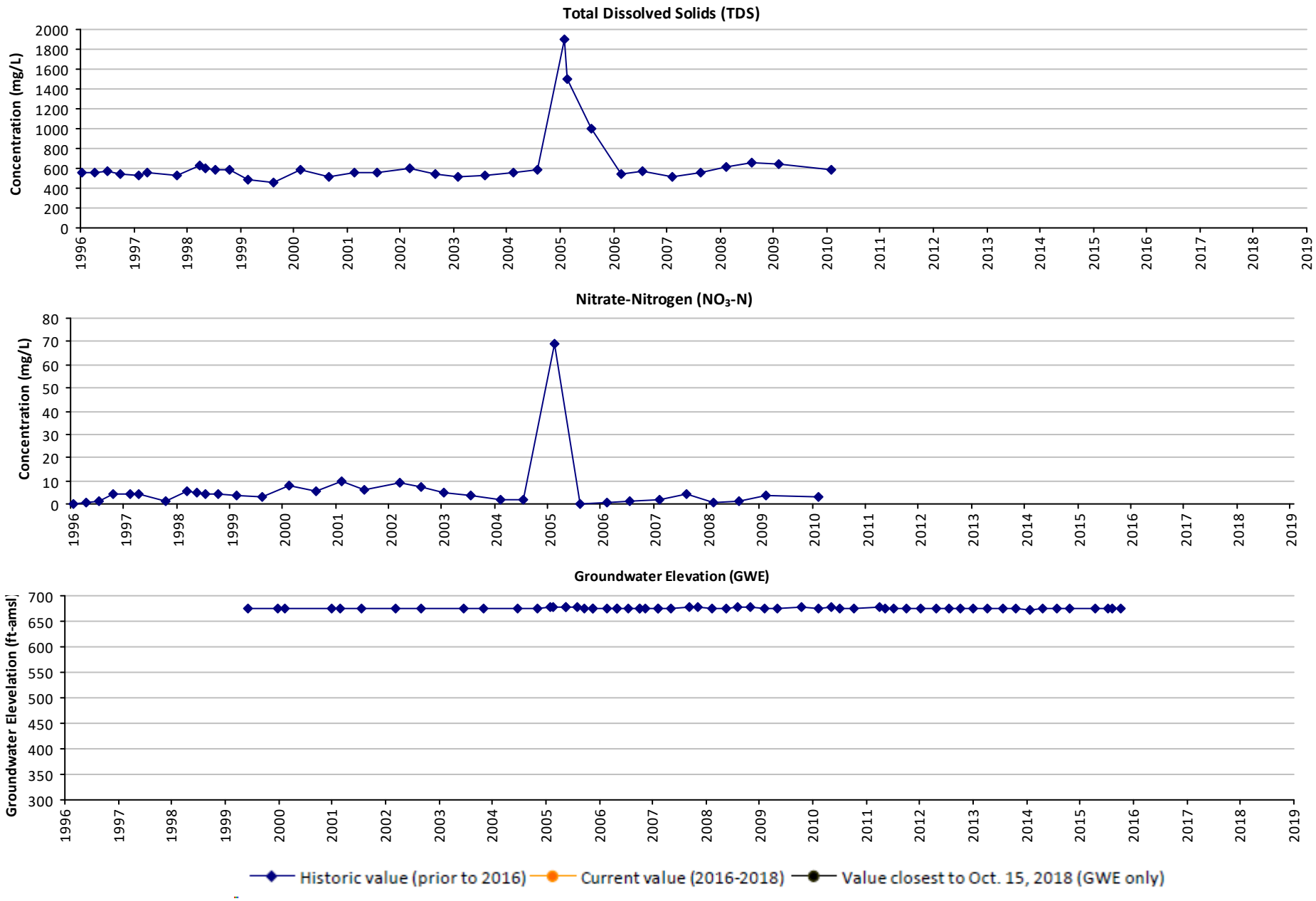


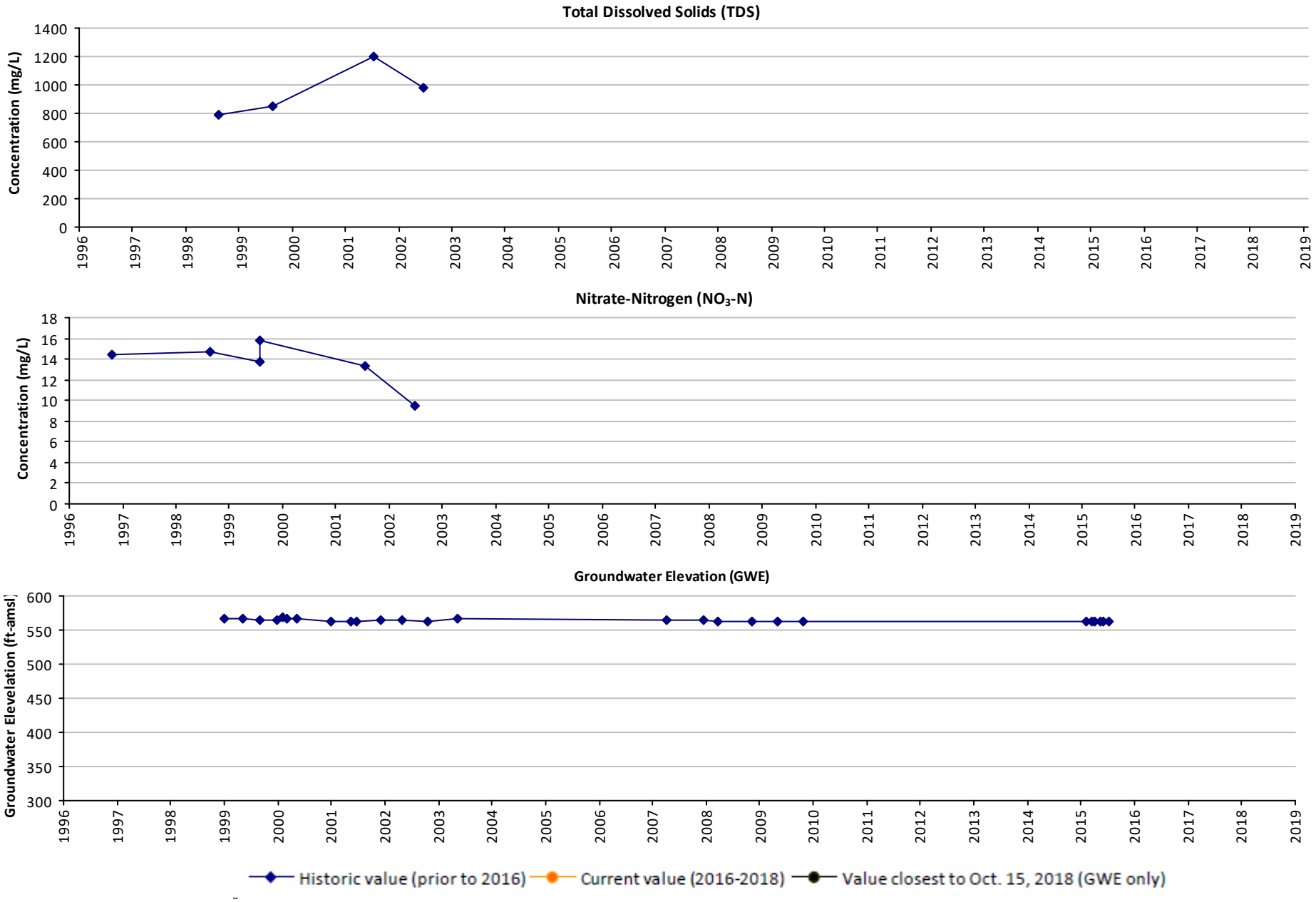

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

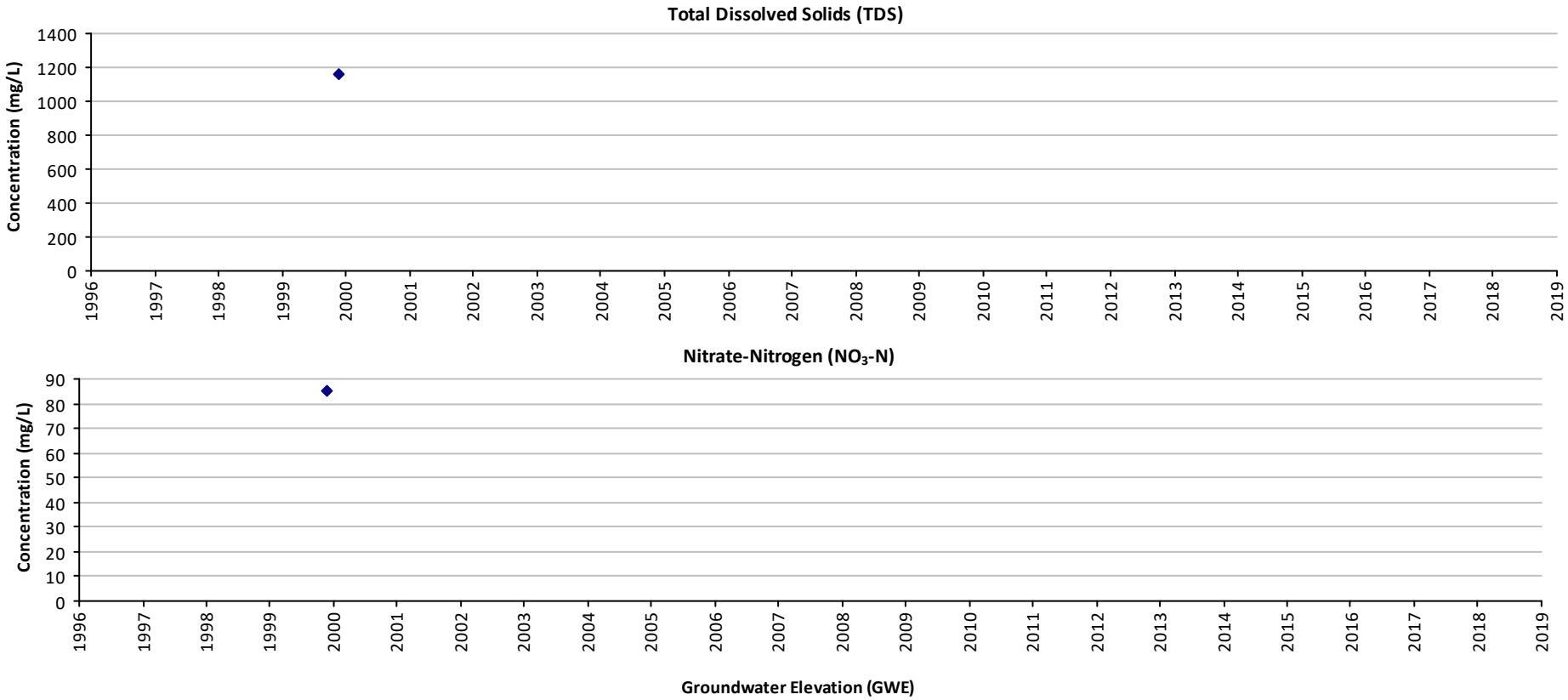

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

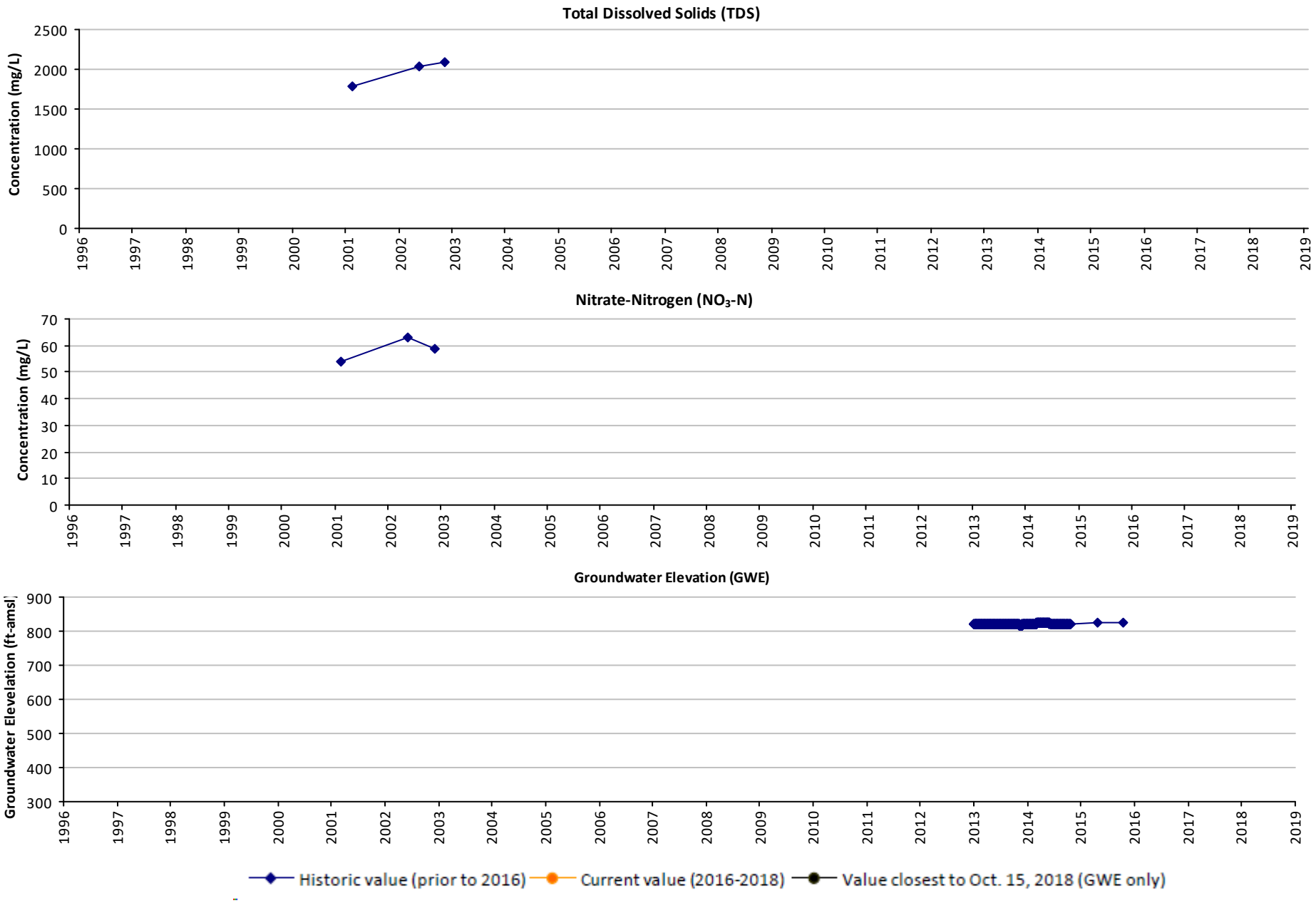

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

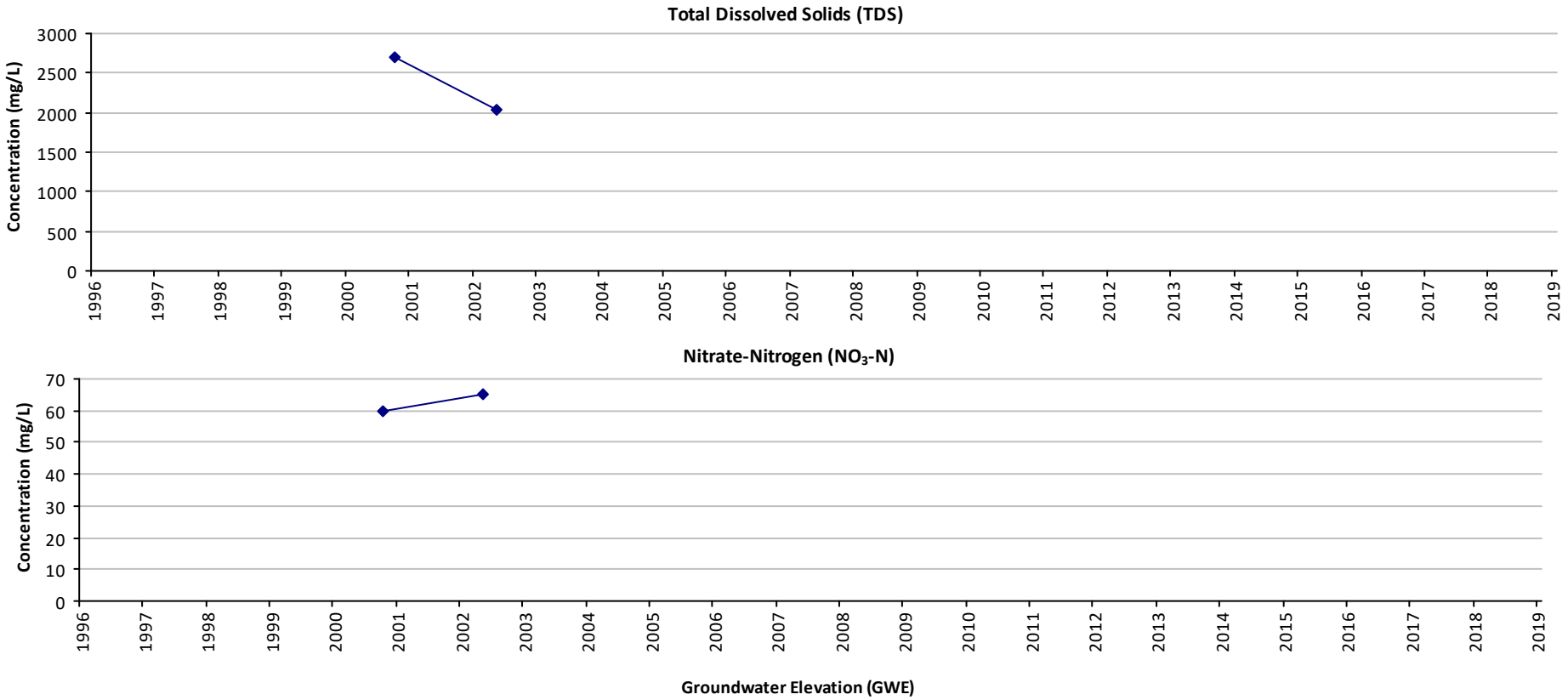

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

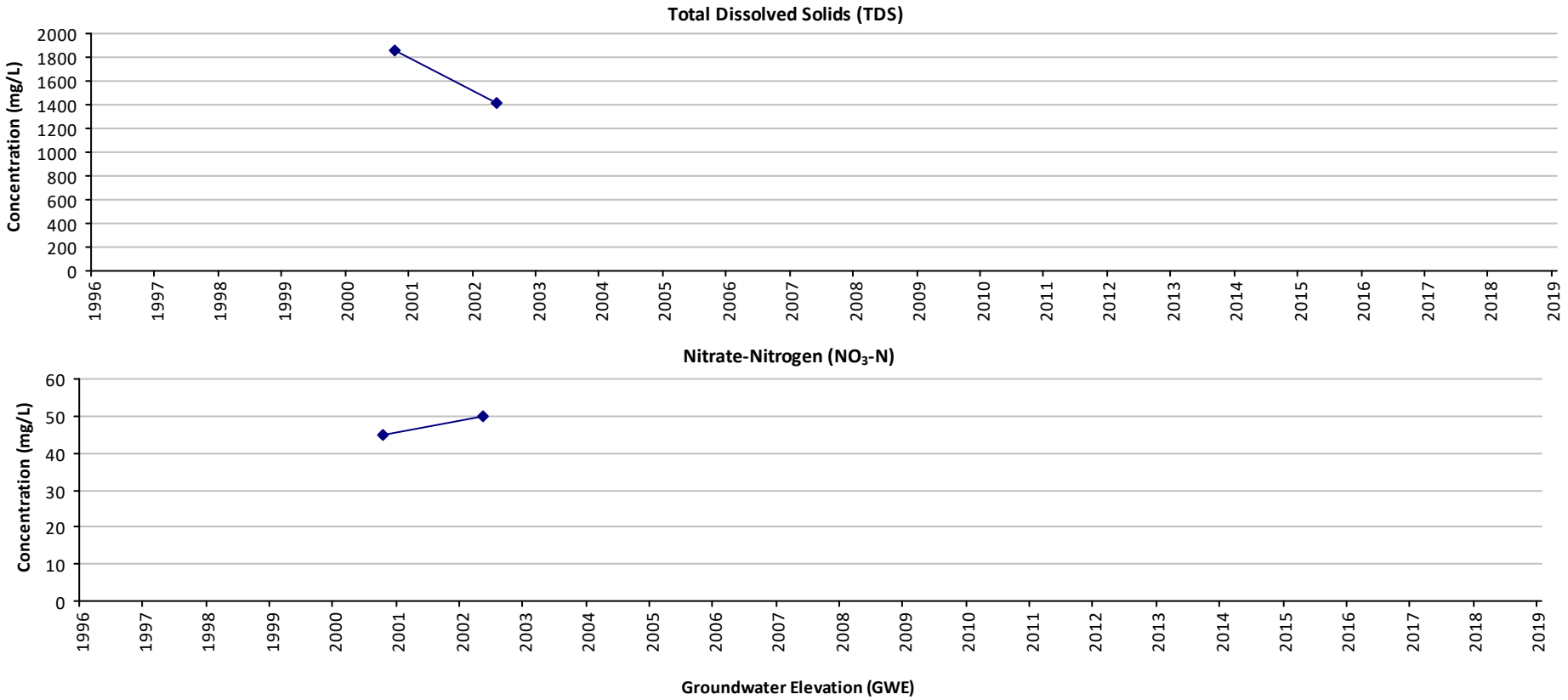

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

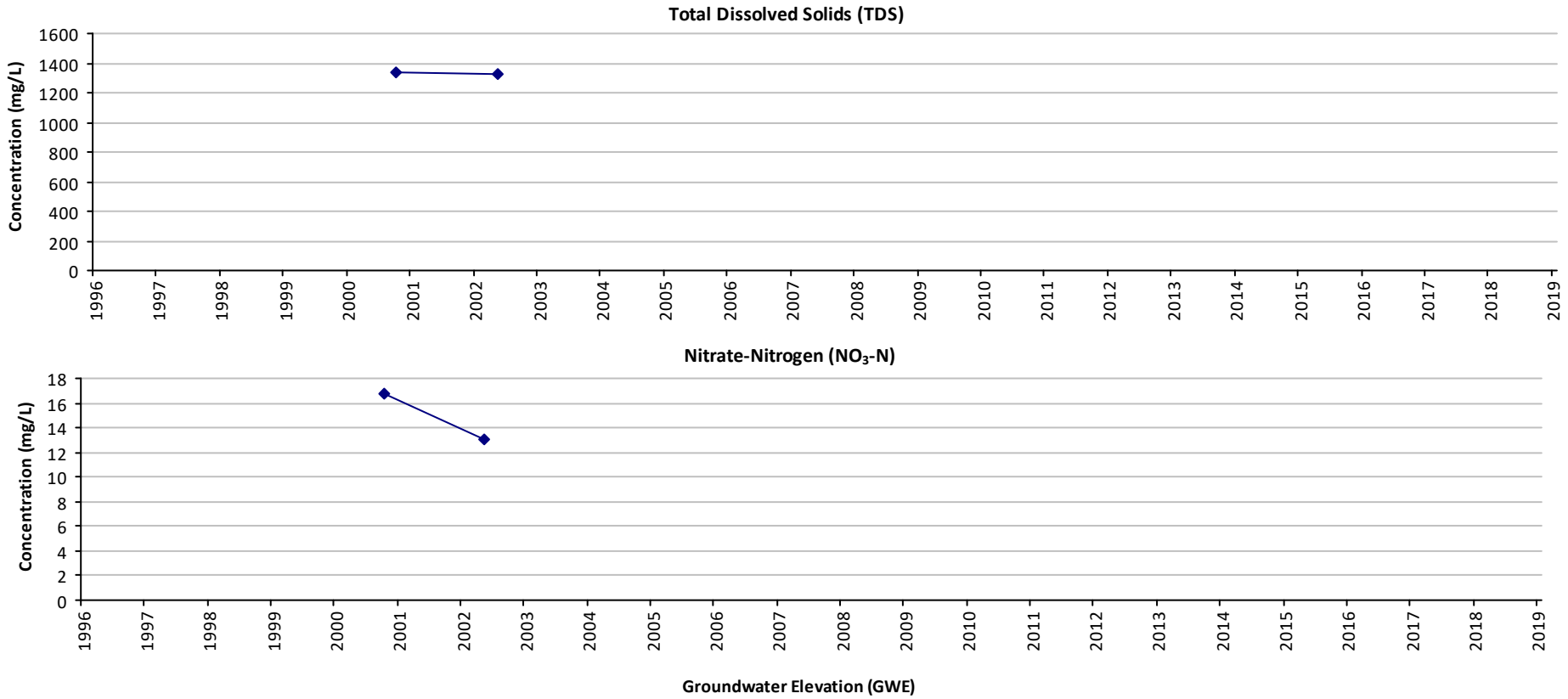

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

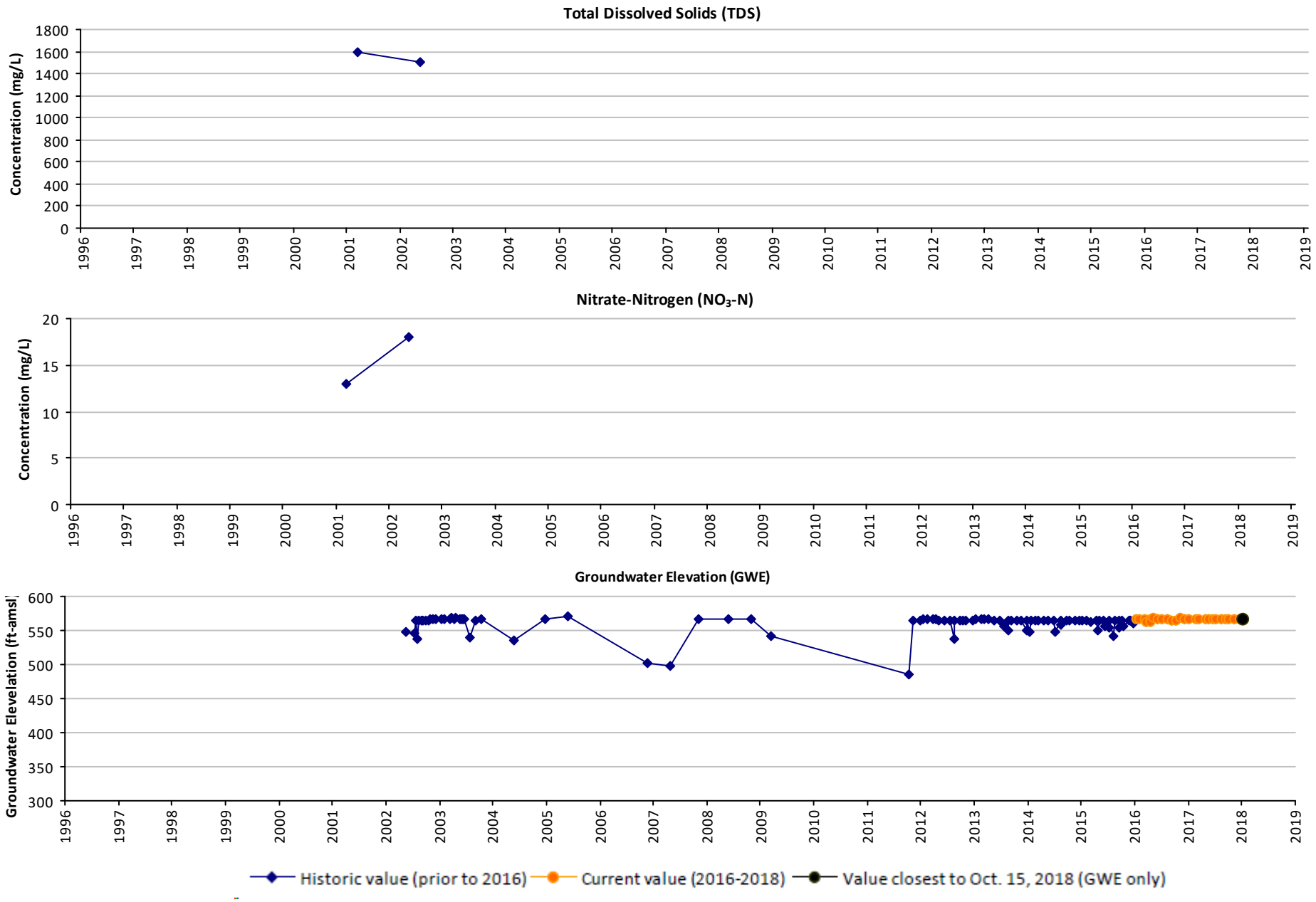

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
90
80
70
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

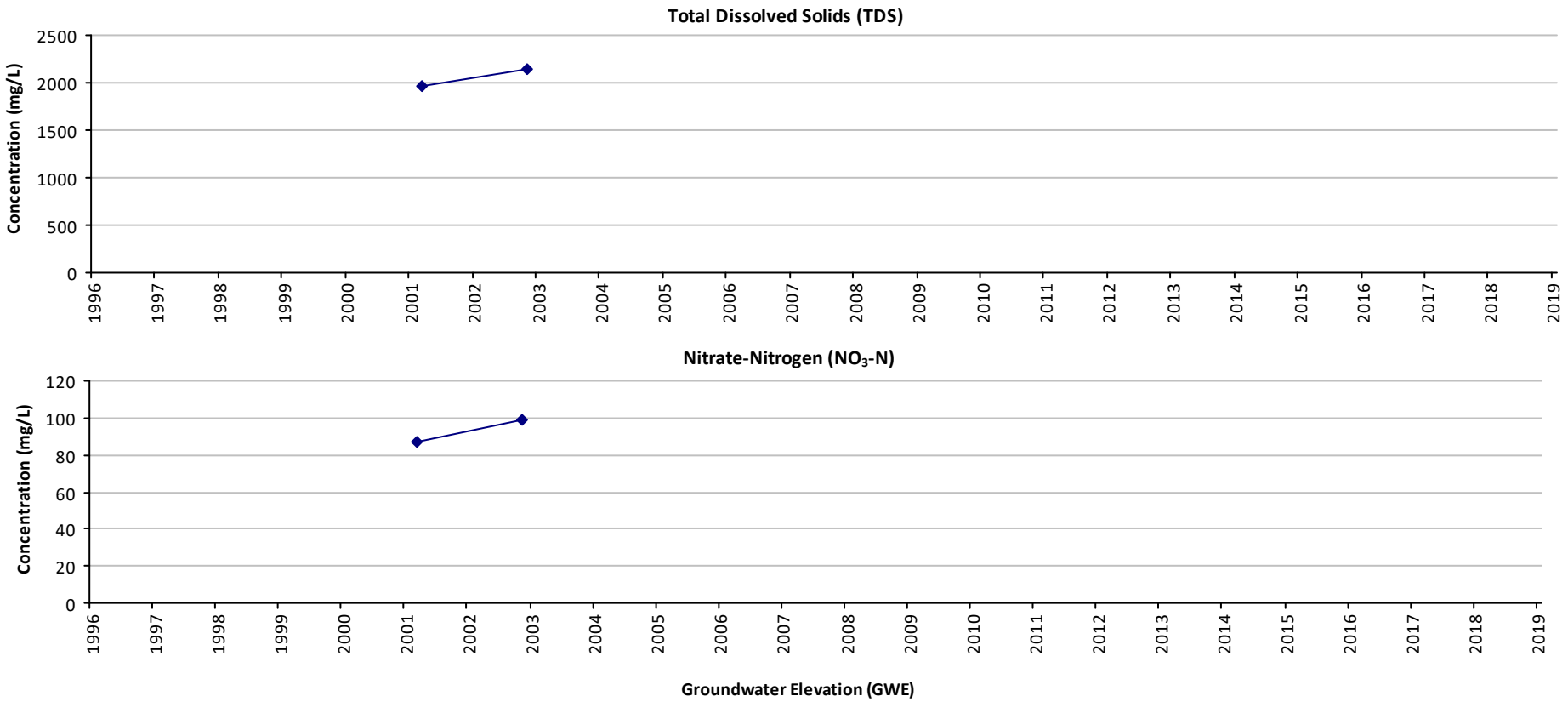

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
800
700
600
500
400
300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

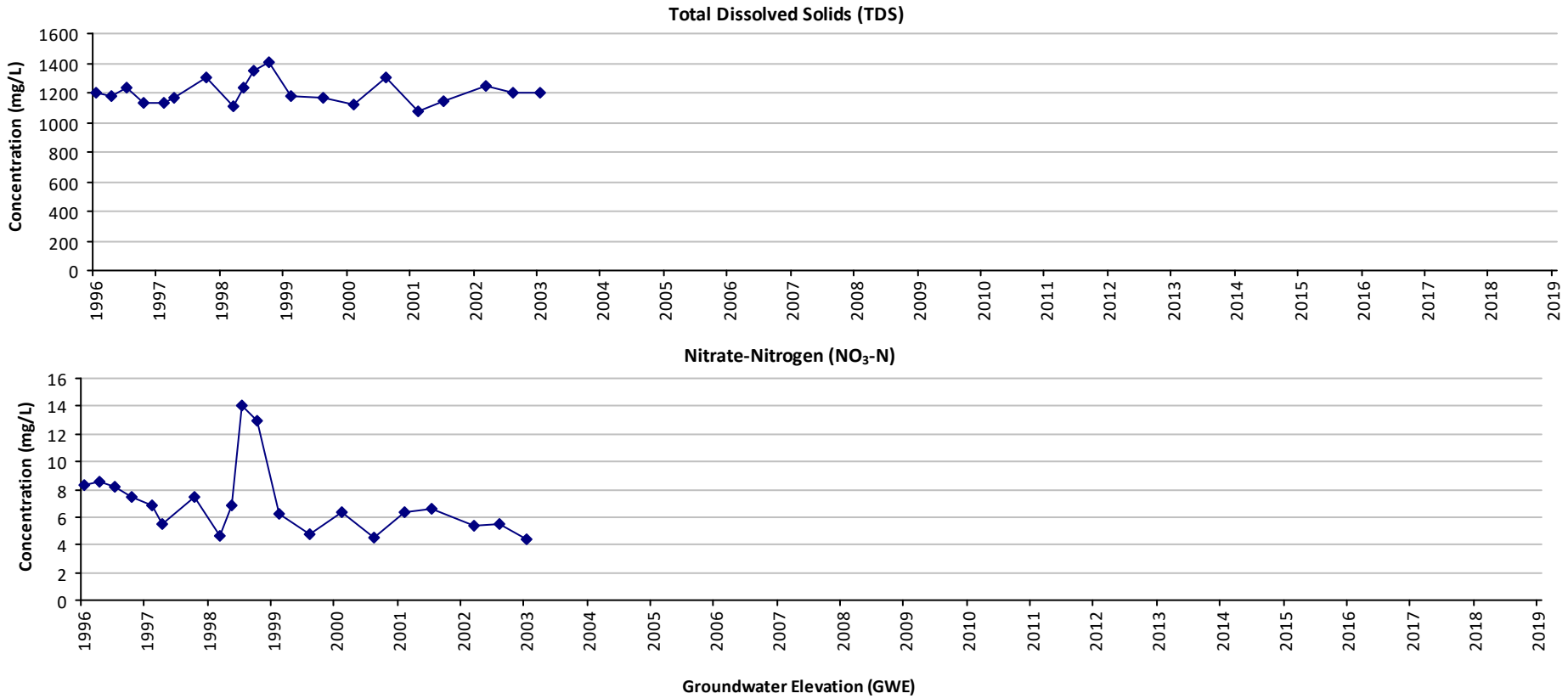

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

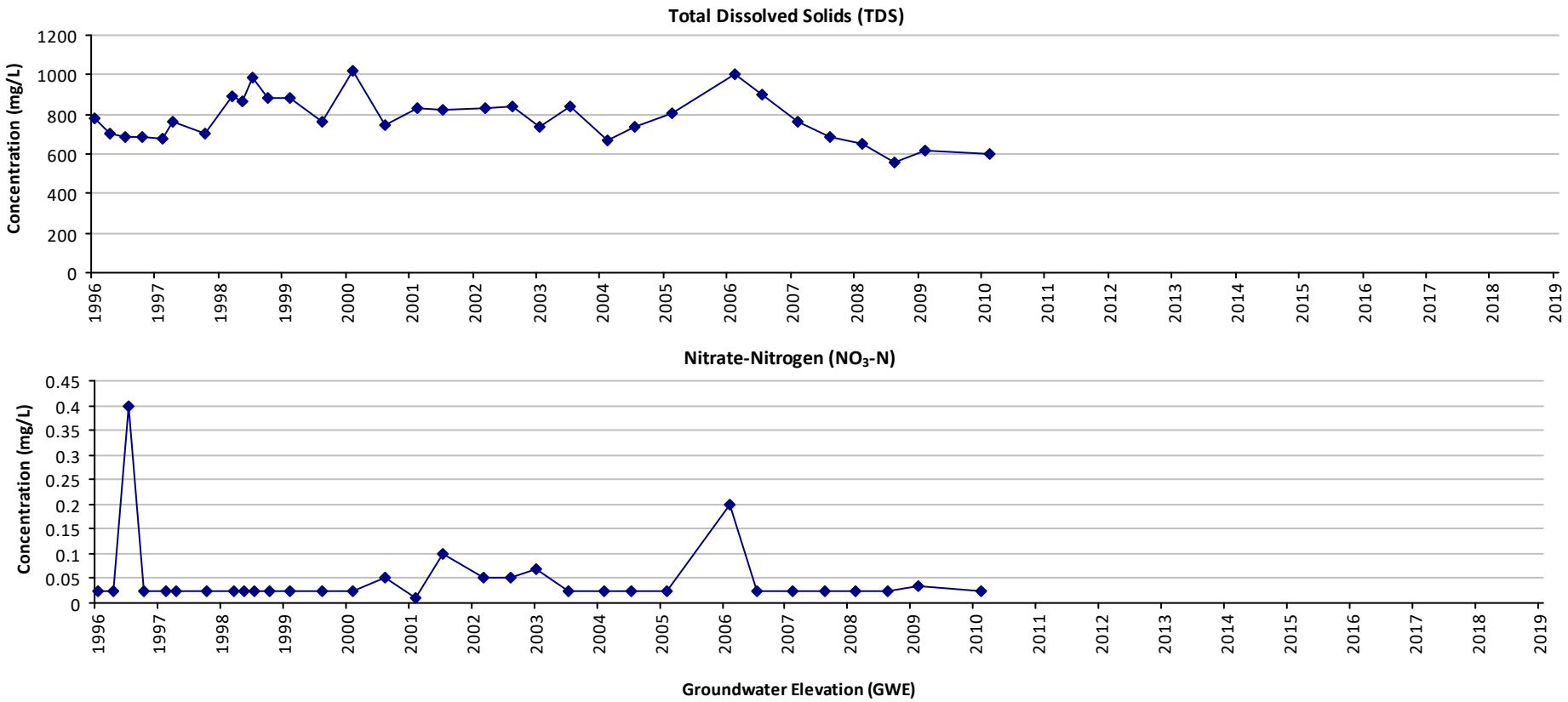

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

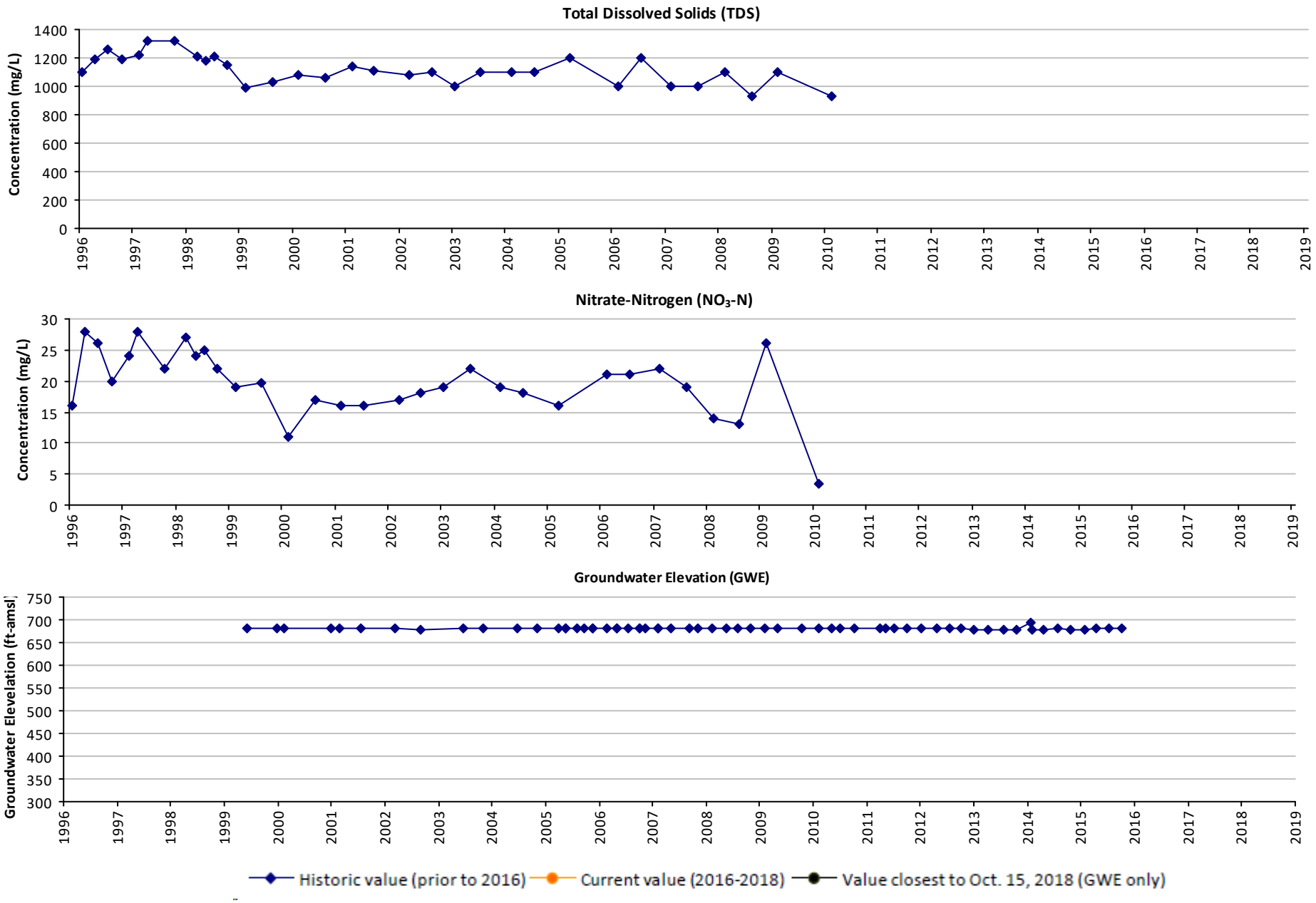

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

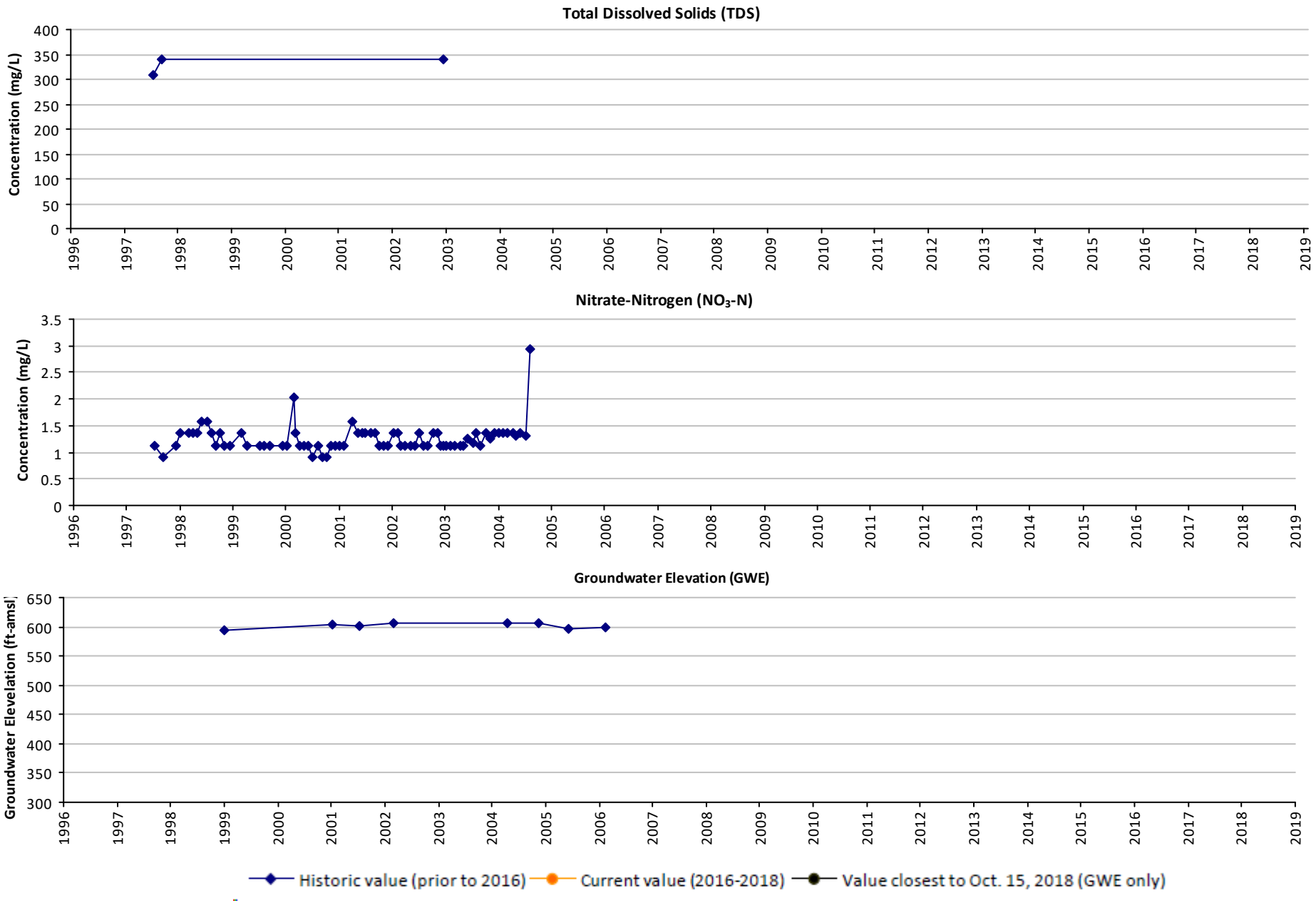

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

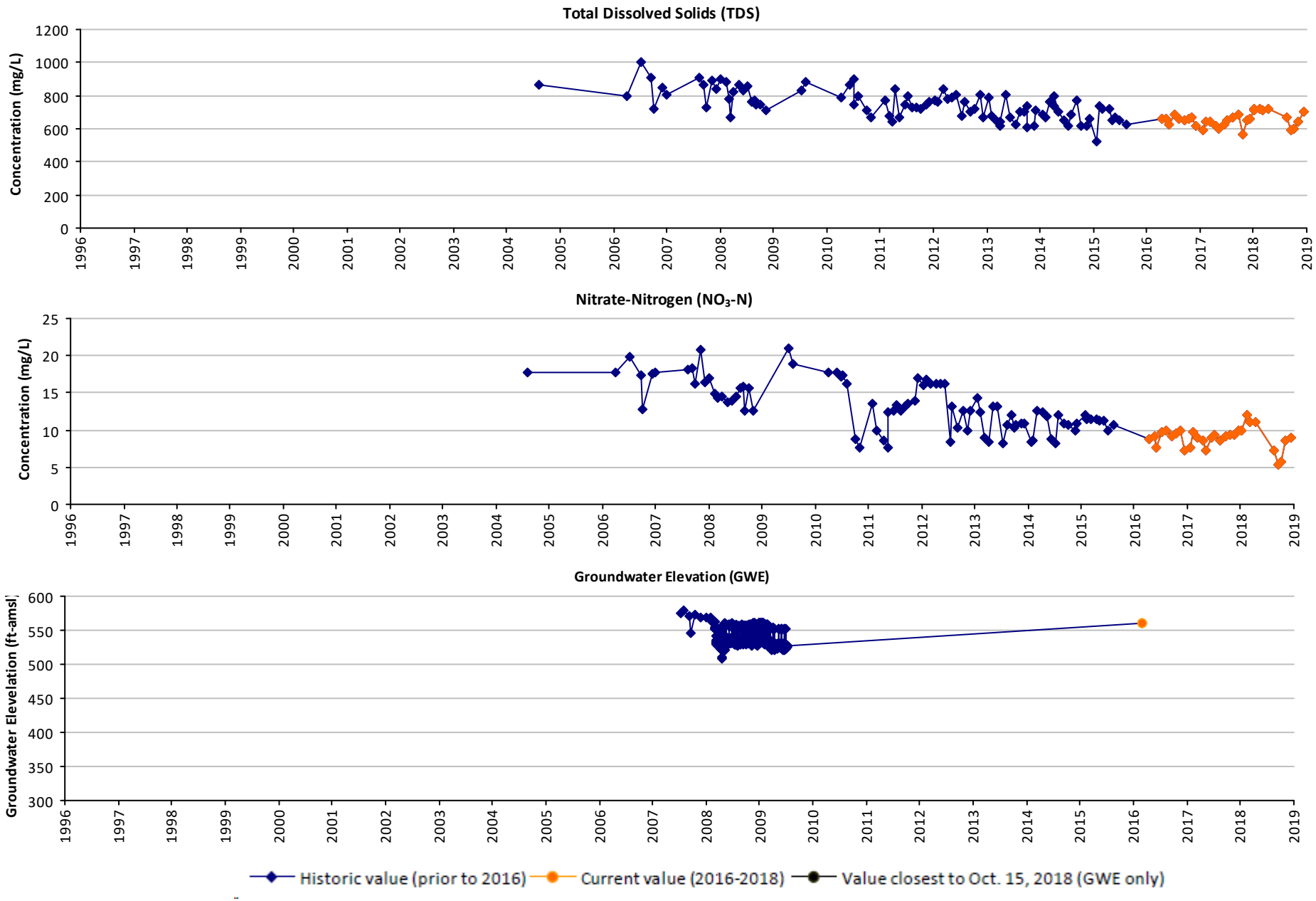

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
120
100
80
60
40
20
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

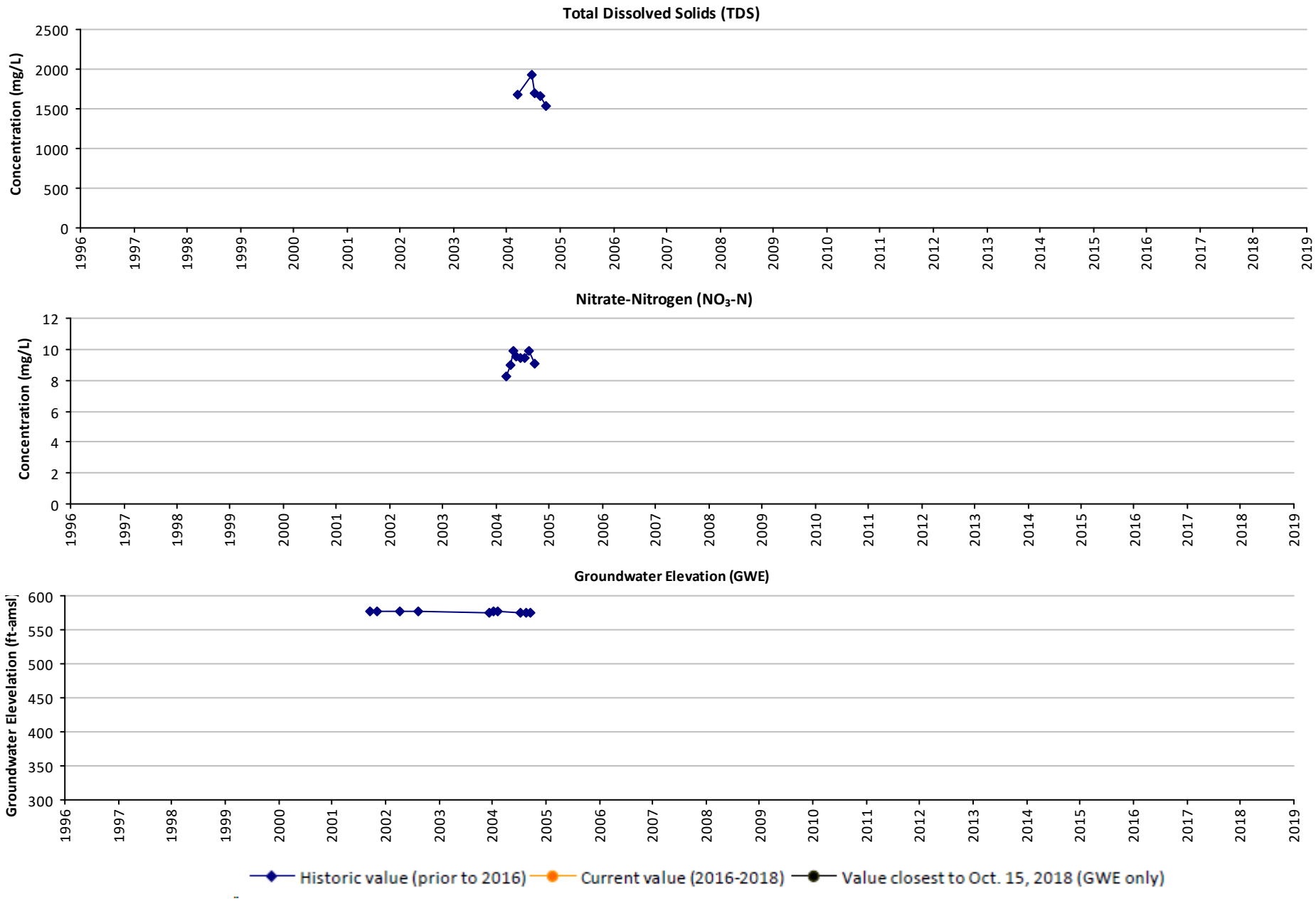

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

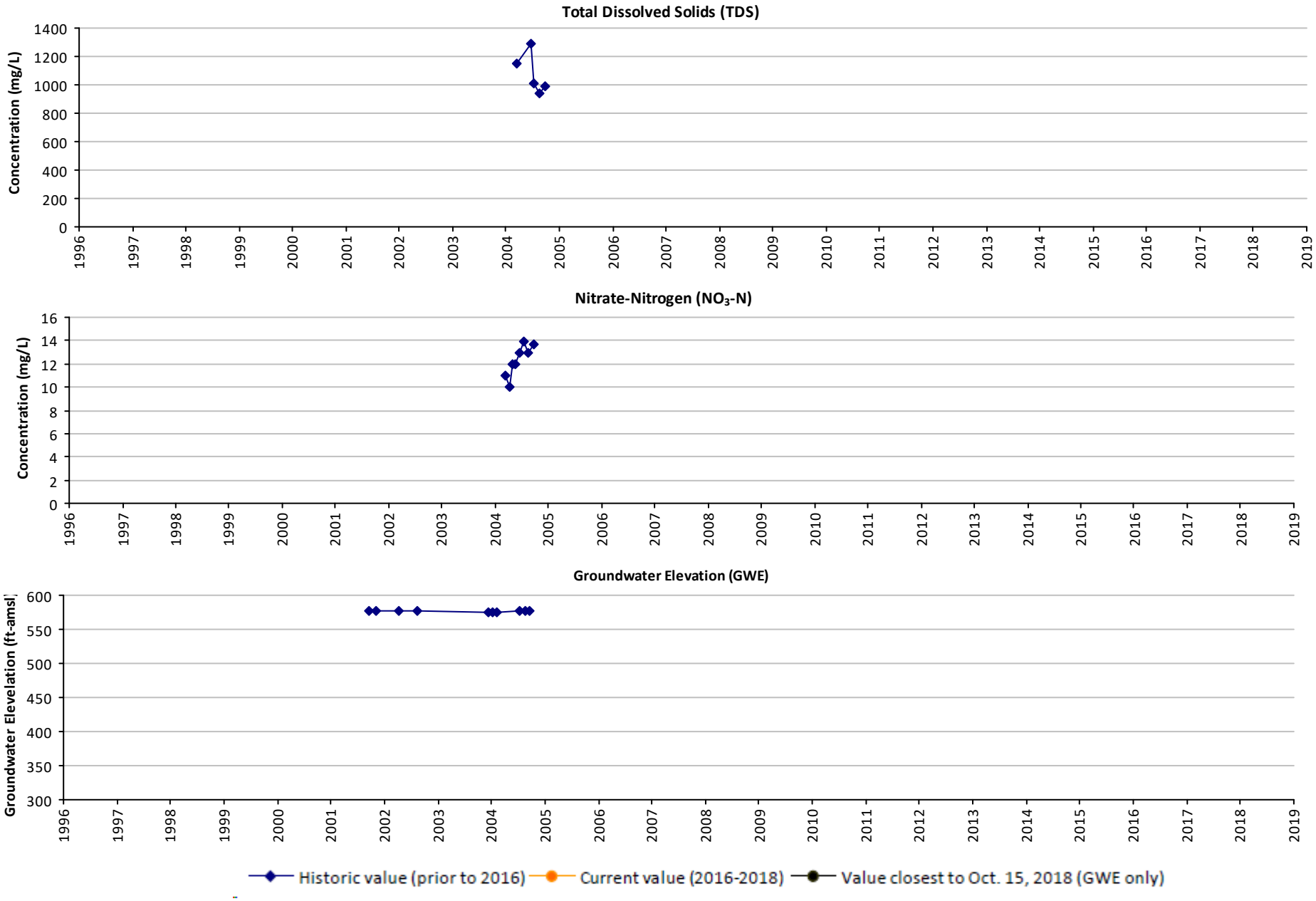

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

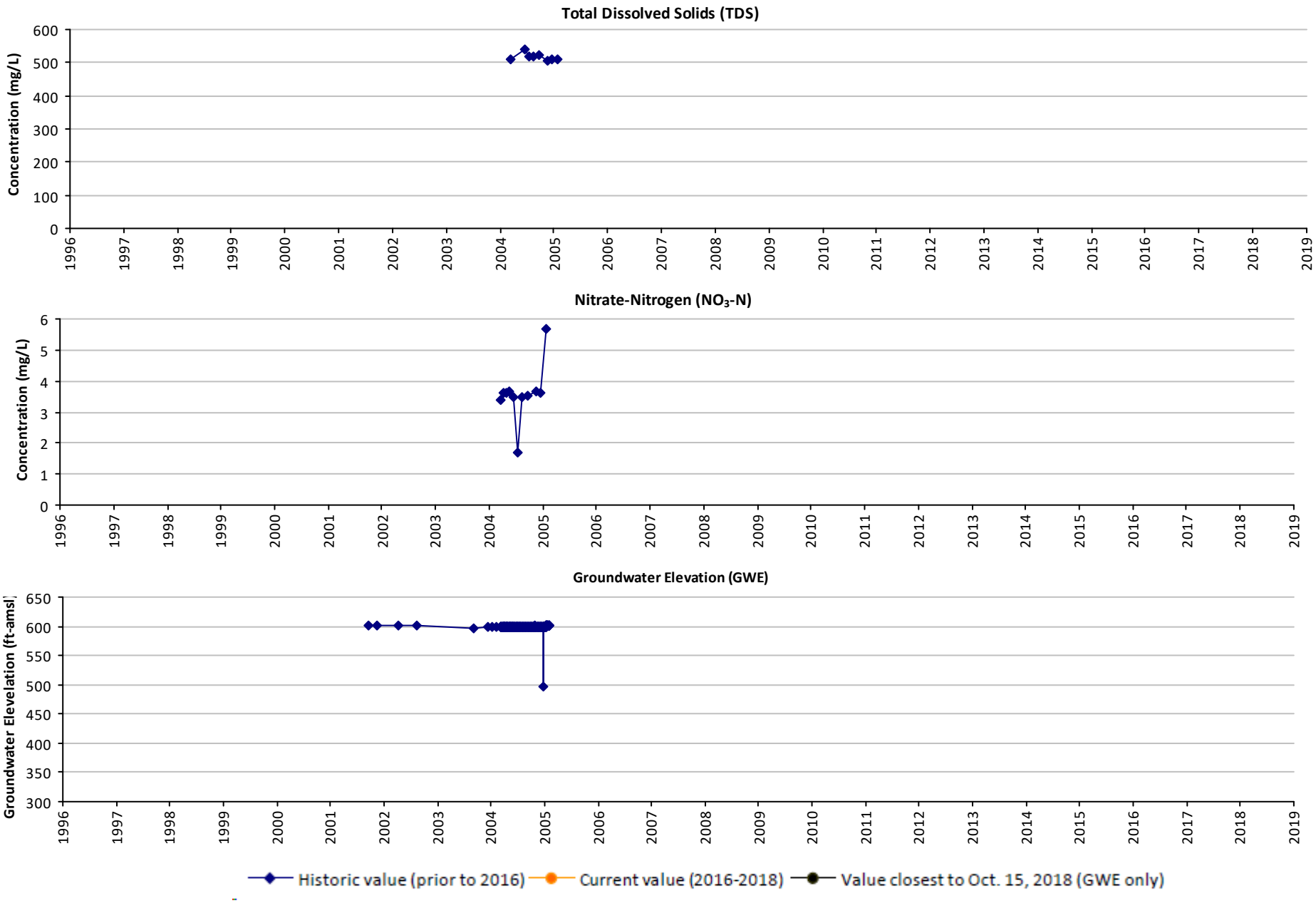

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

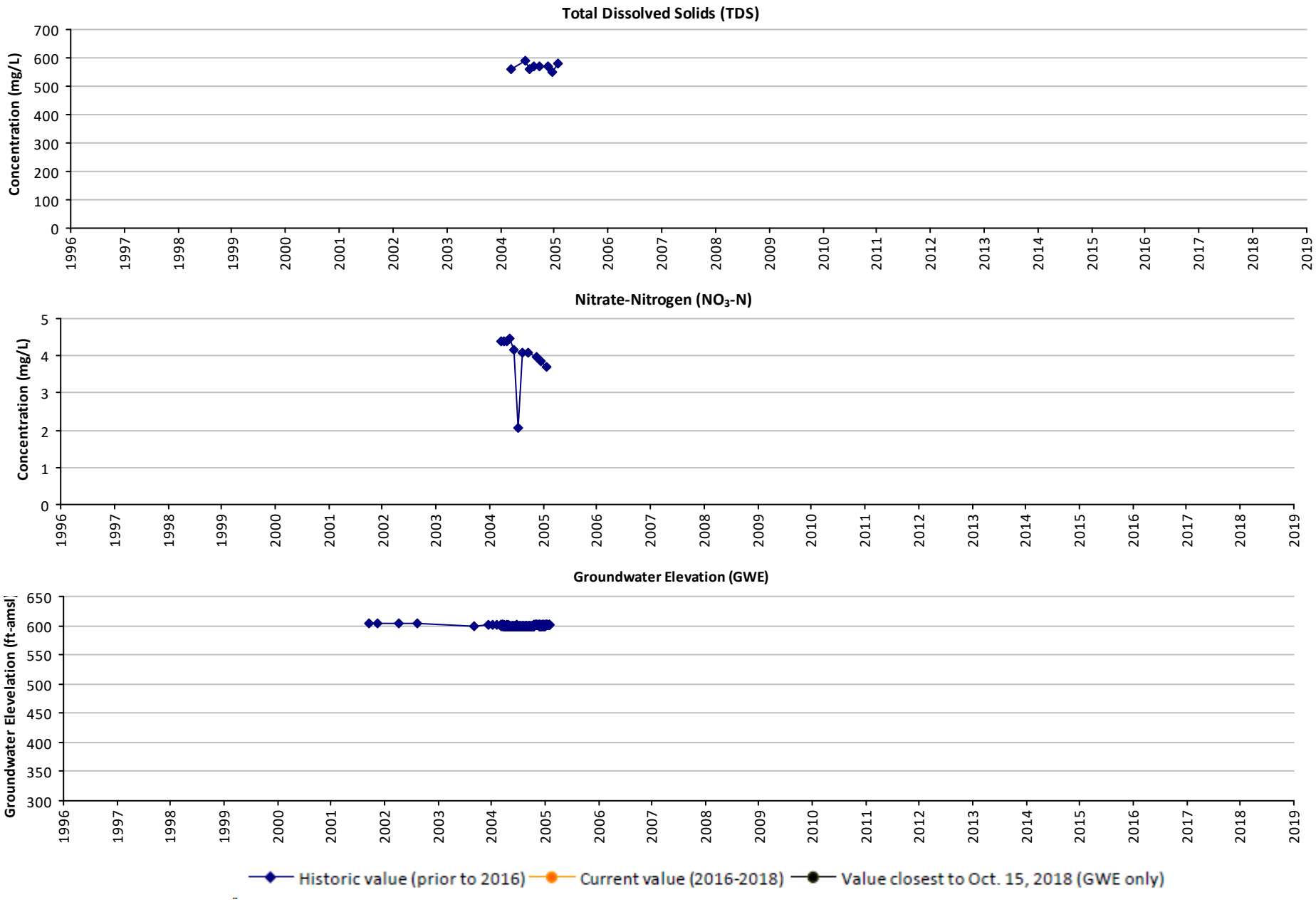

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

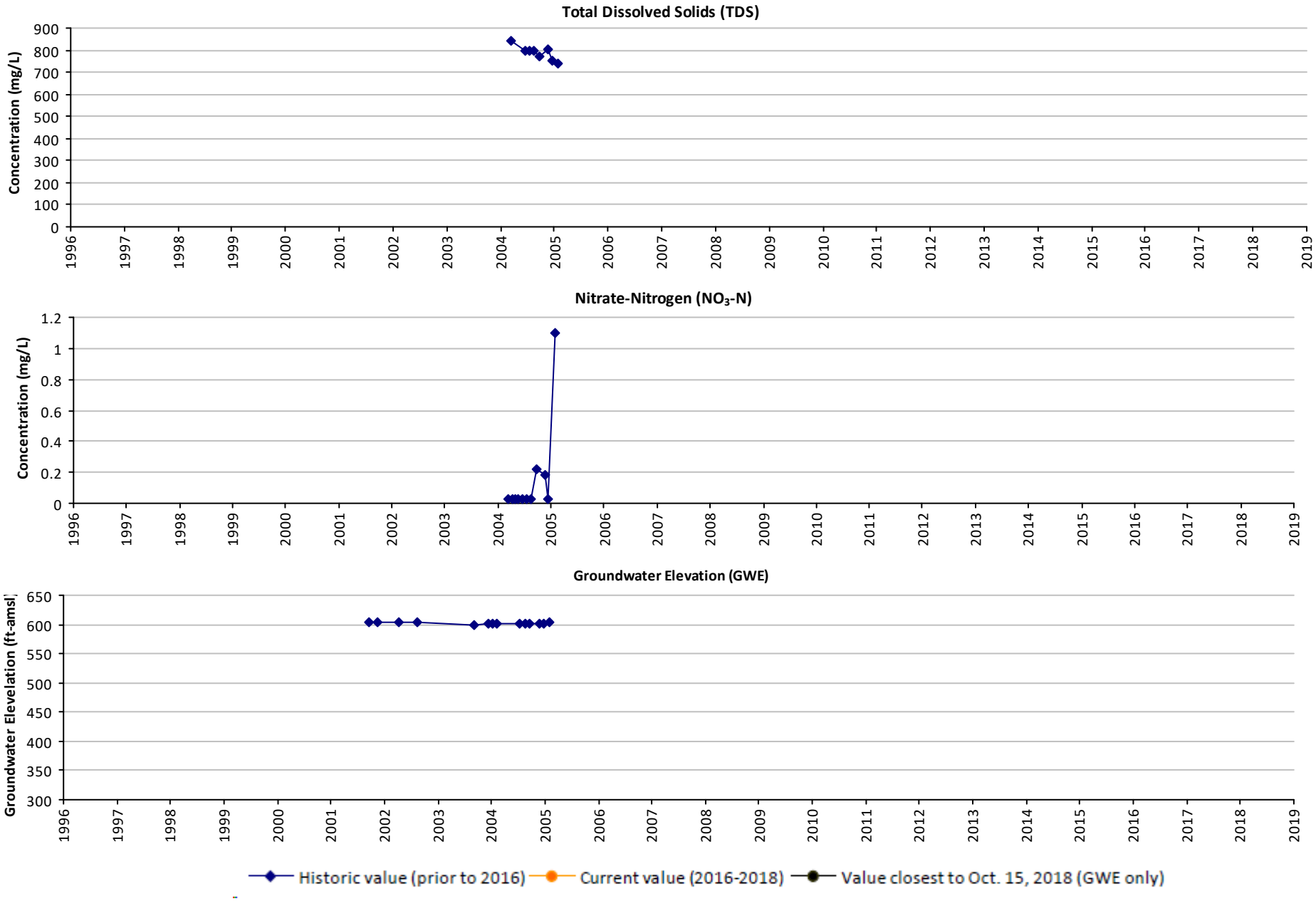

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

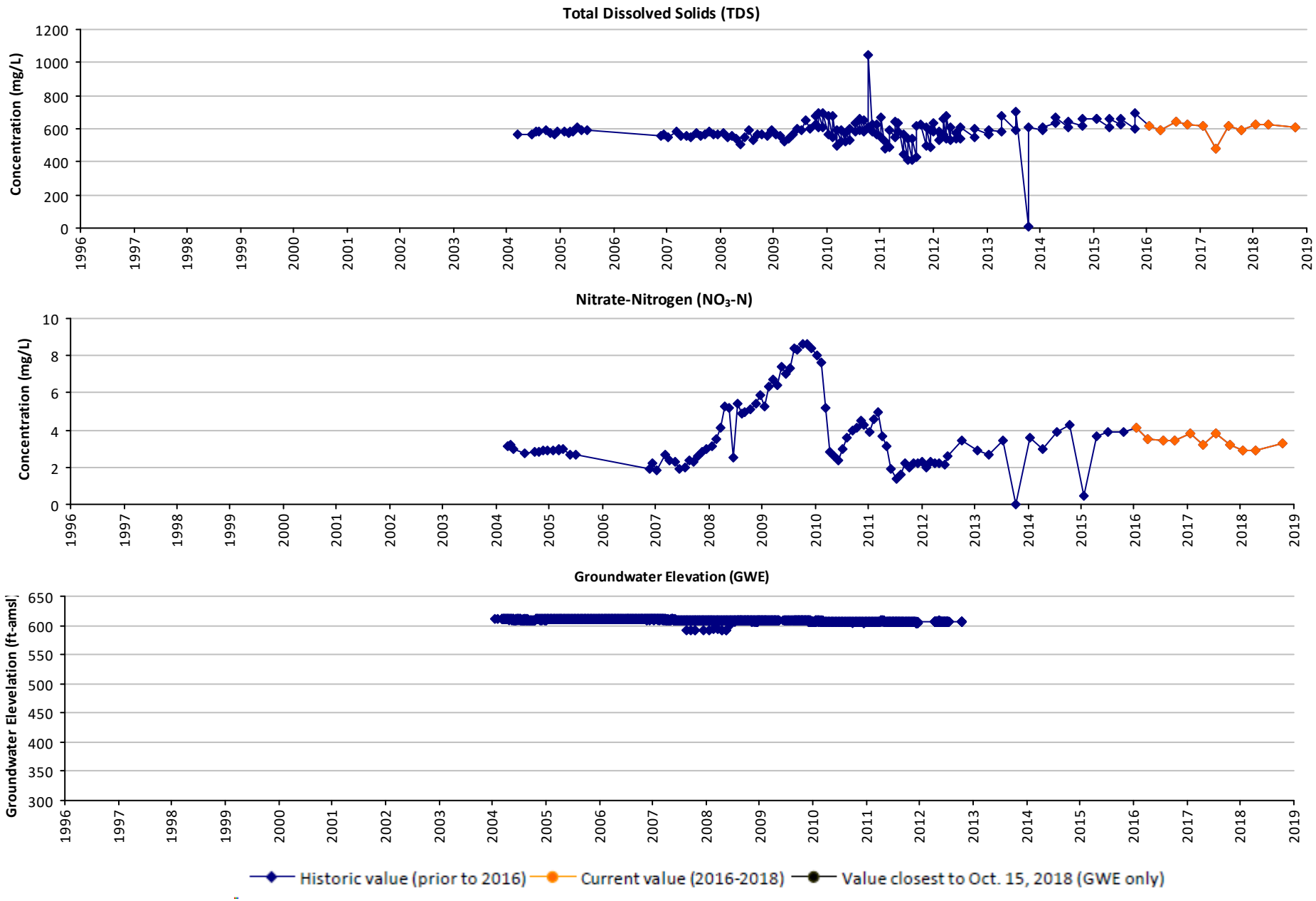

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

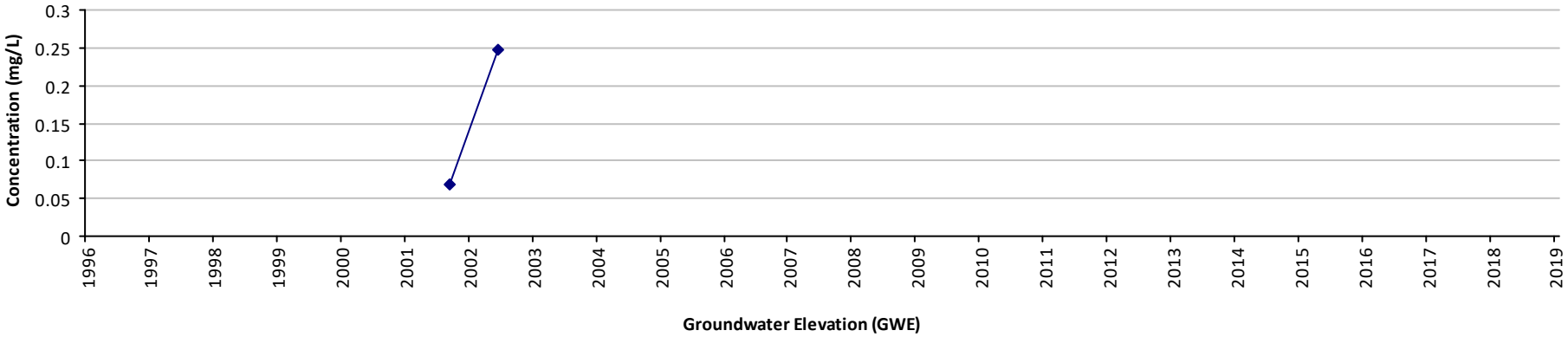

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
650
600
550
500
450
400
350
300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

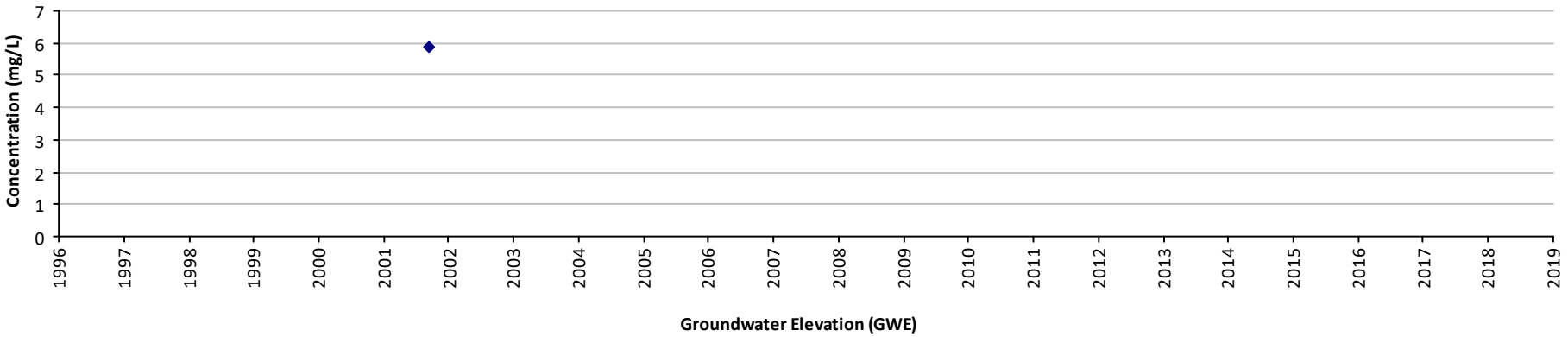
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

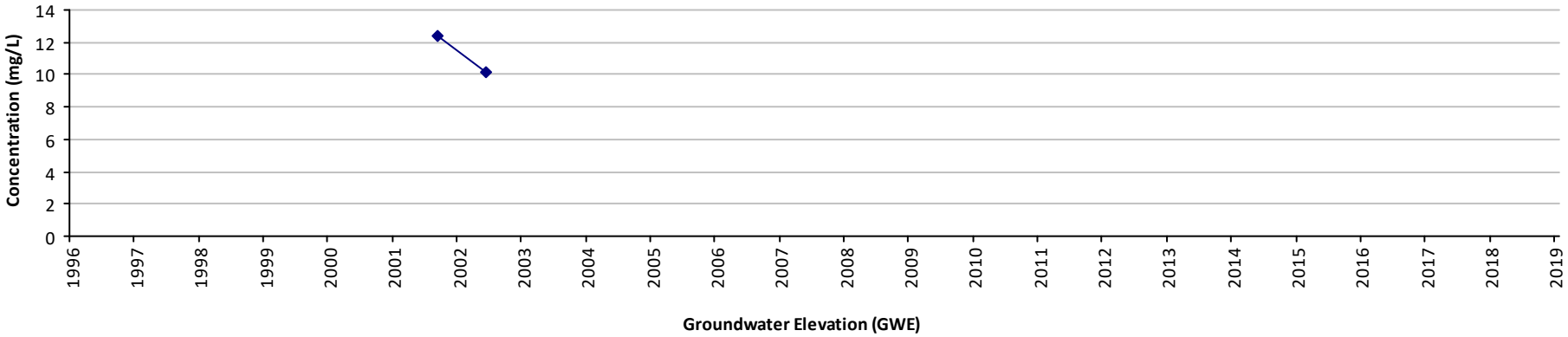
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

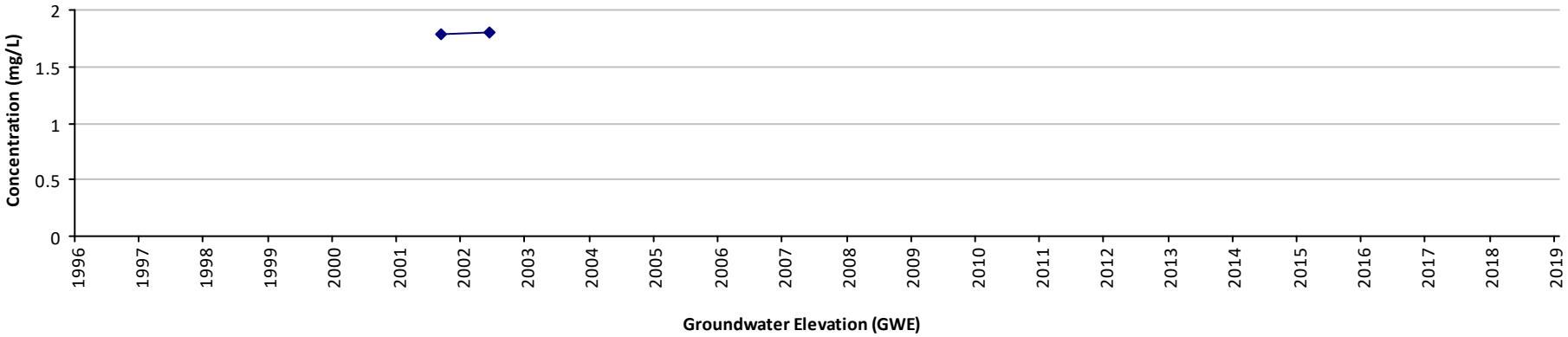
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

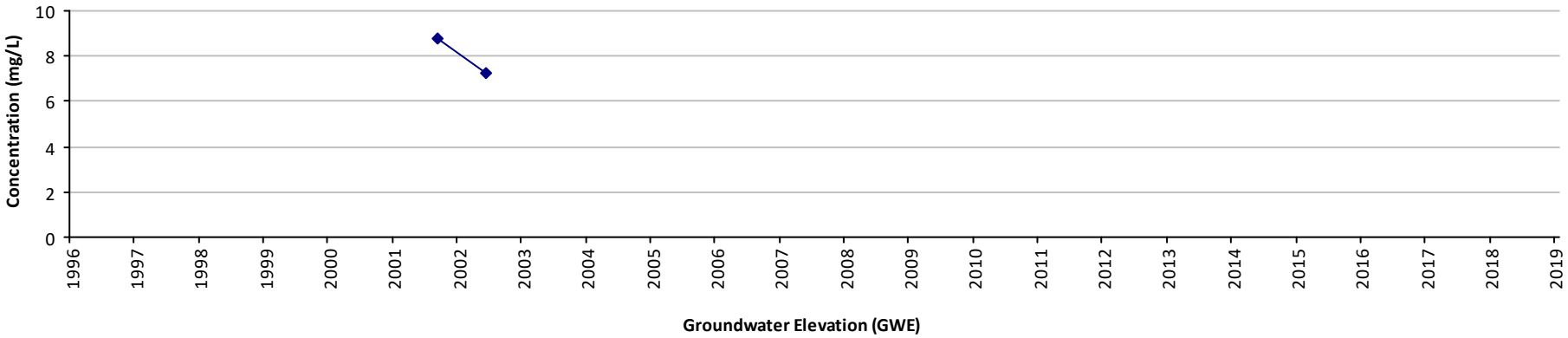
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

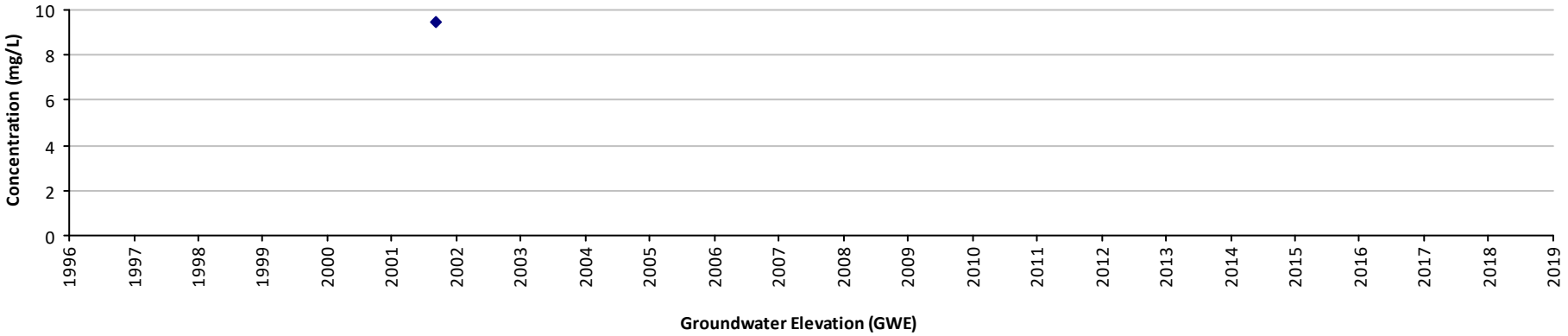
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

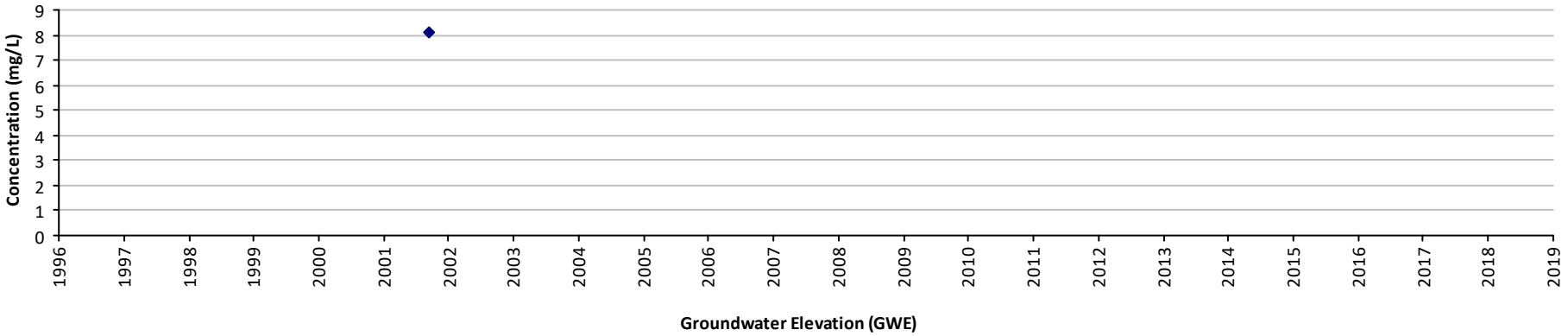
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

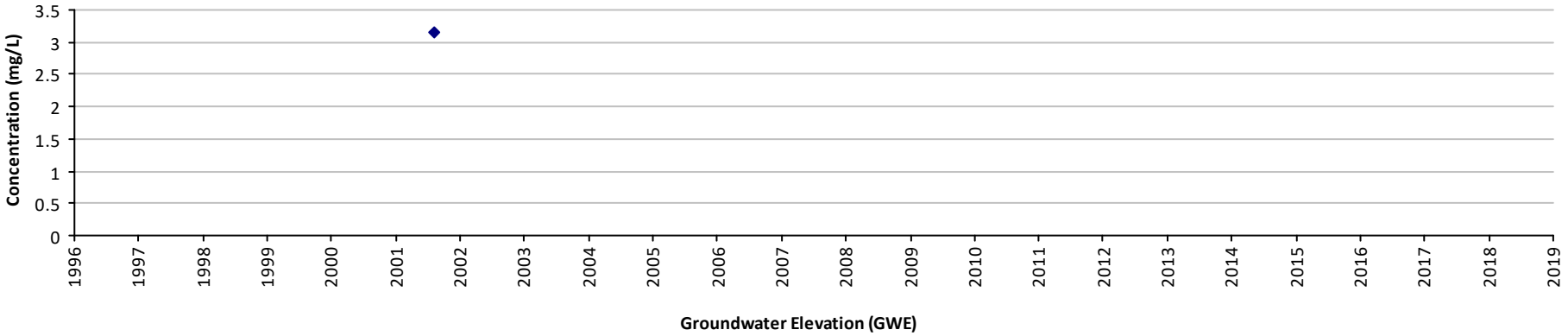
Nitrate-Nitrogen (NO_3-N)



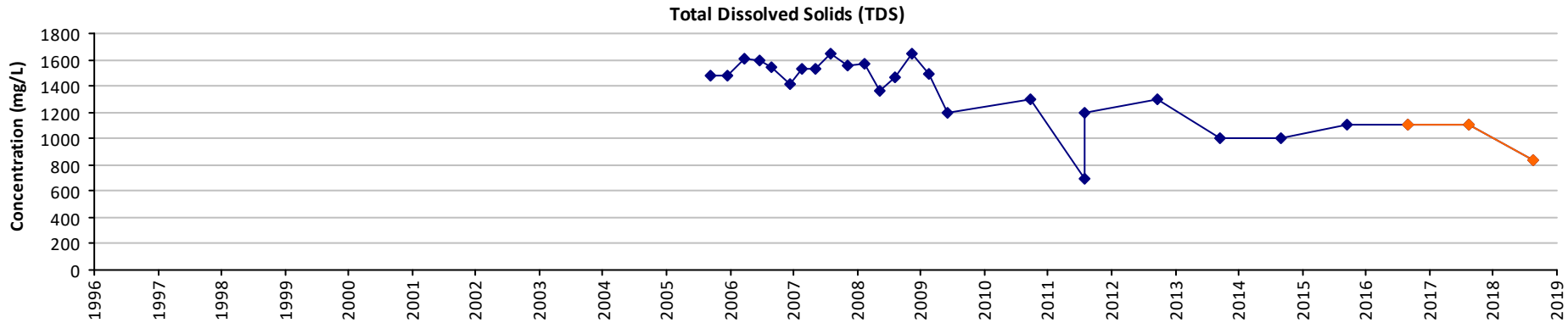
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

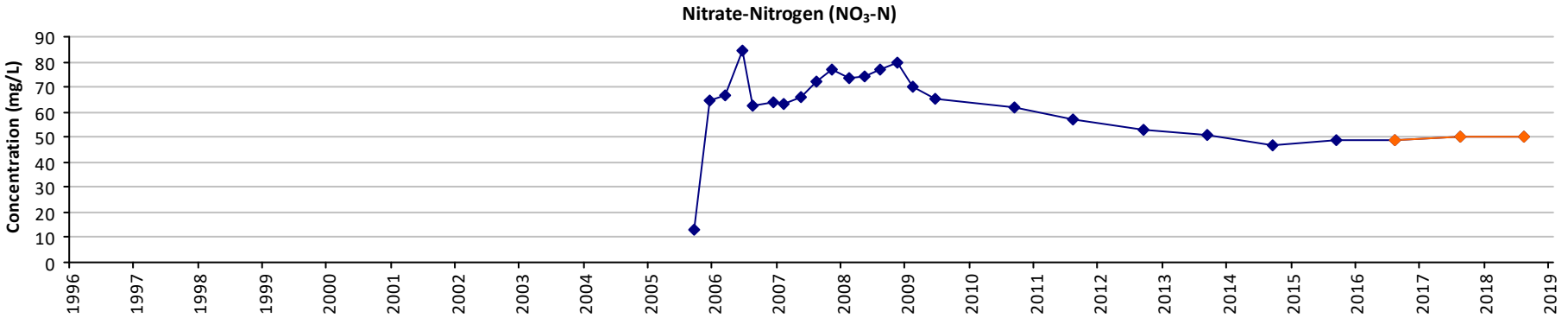
Total Dissolved Solids (TDS)

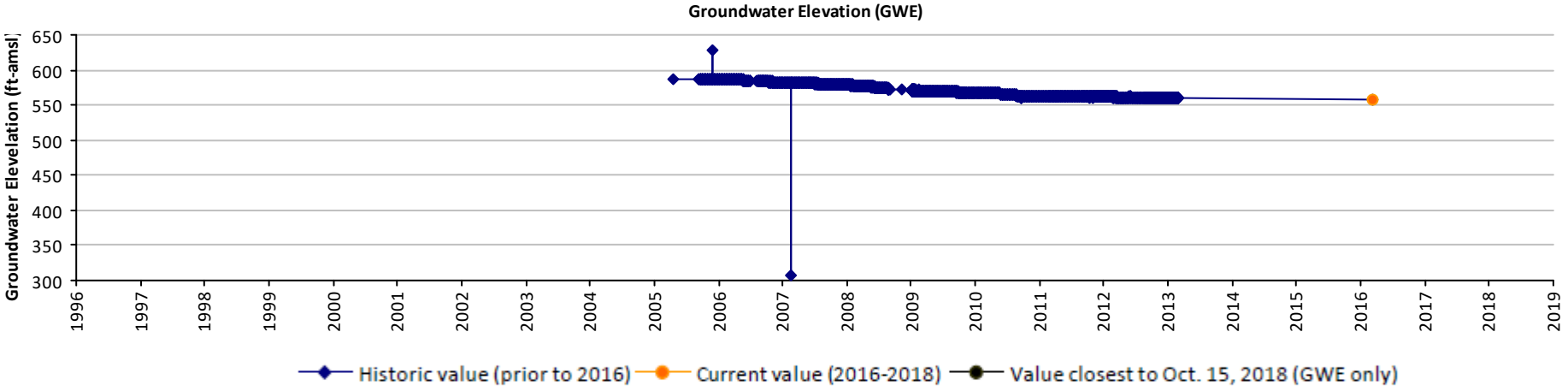
Nitrate-Nitrogen (NO_3-N)

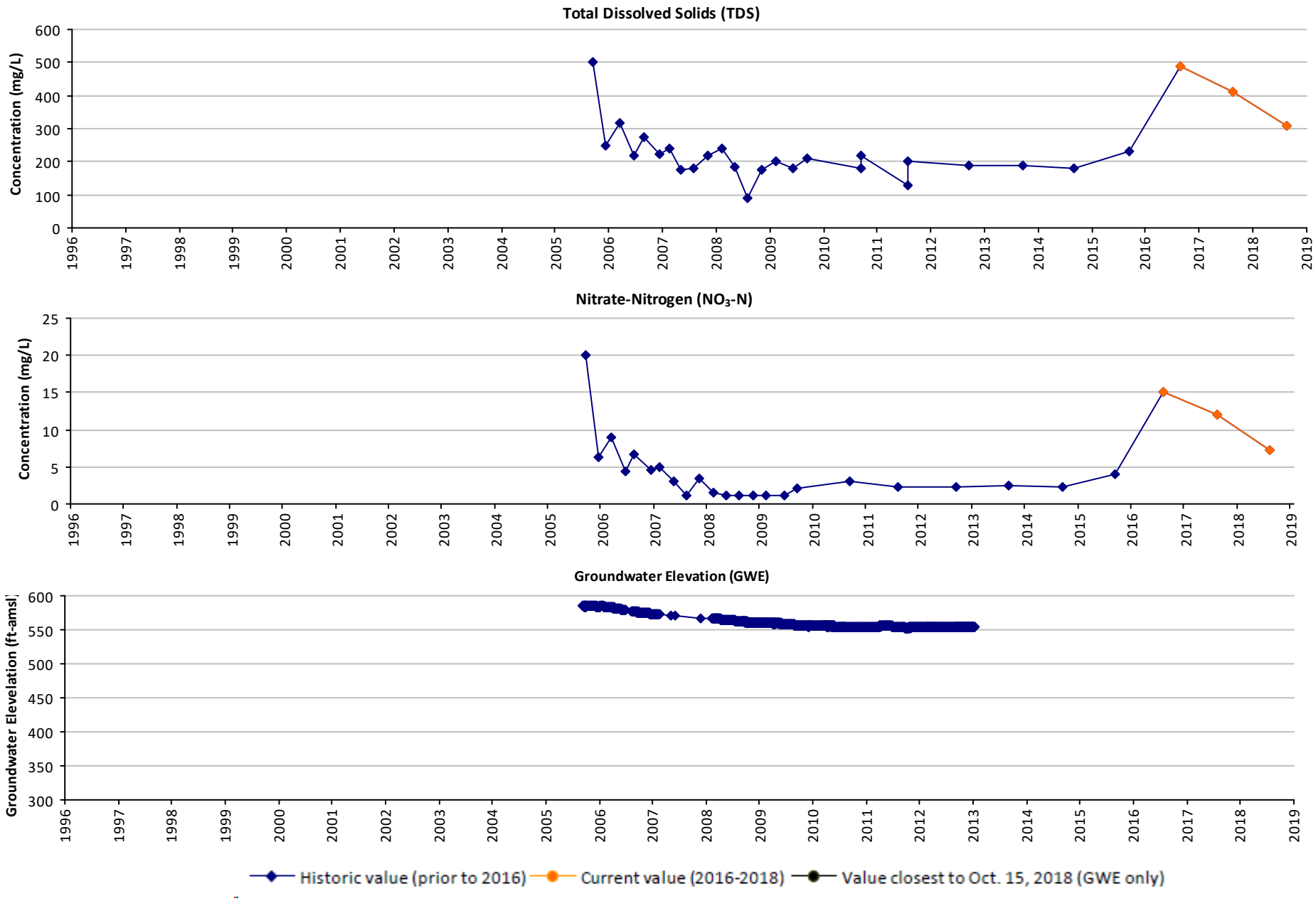


Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

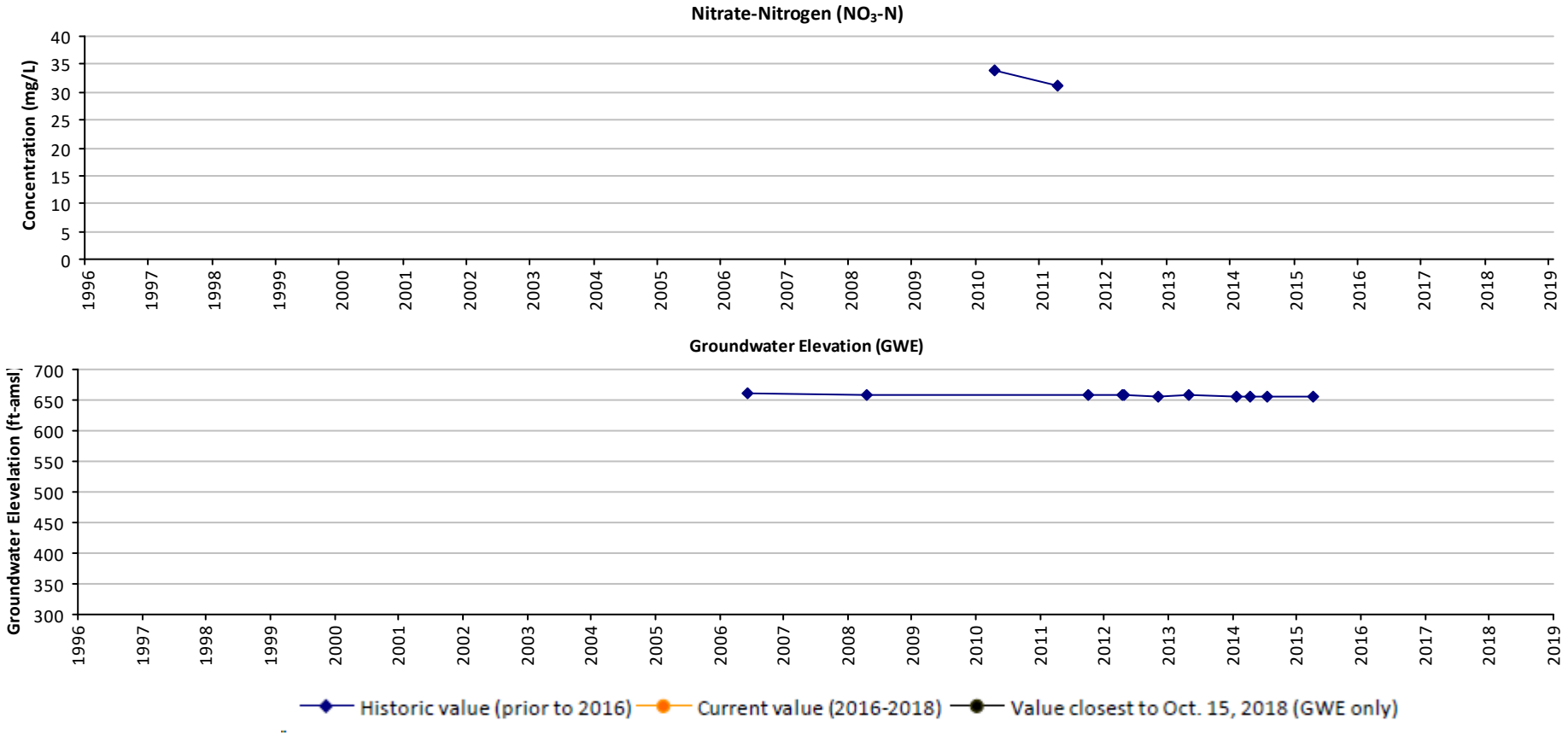

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

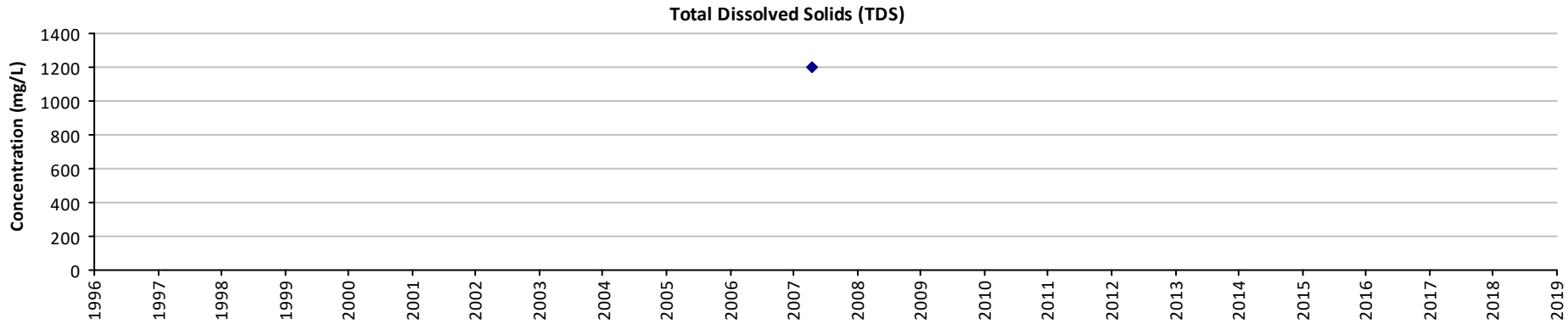

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
90
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

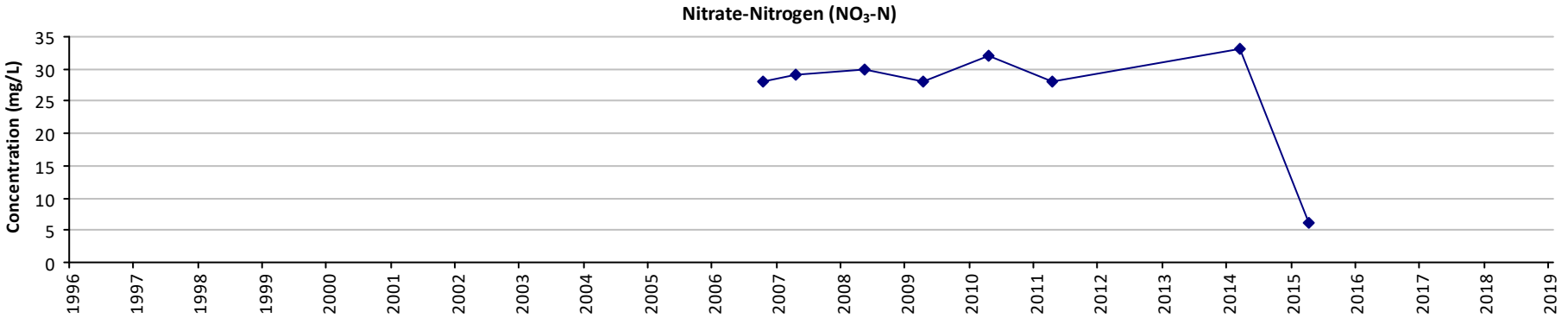

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

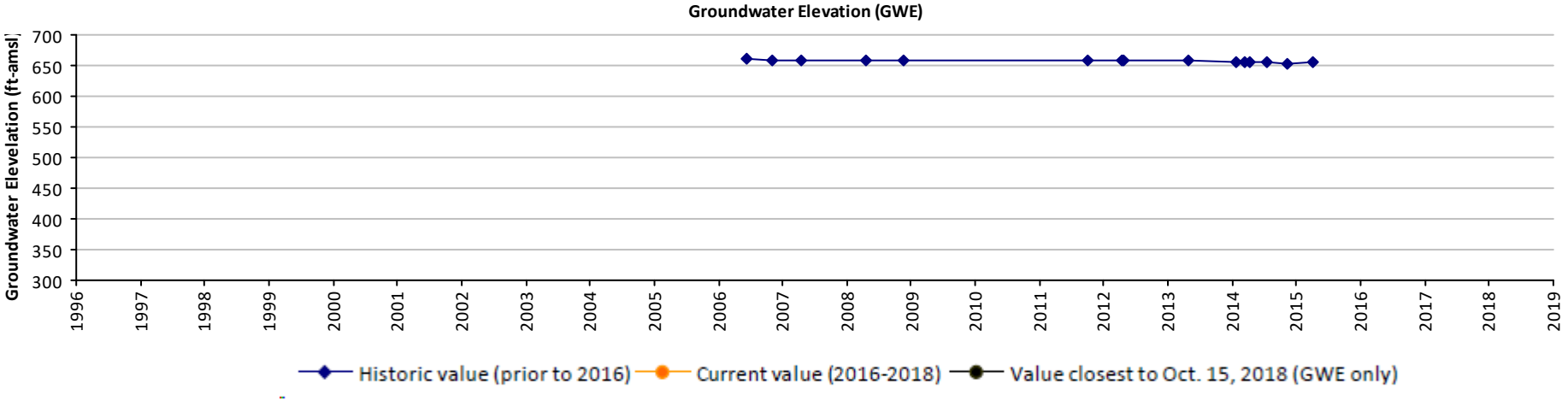

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

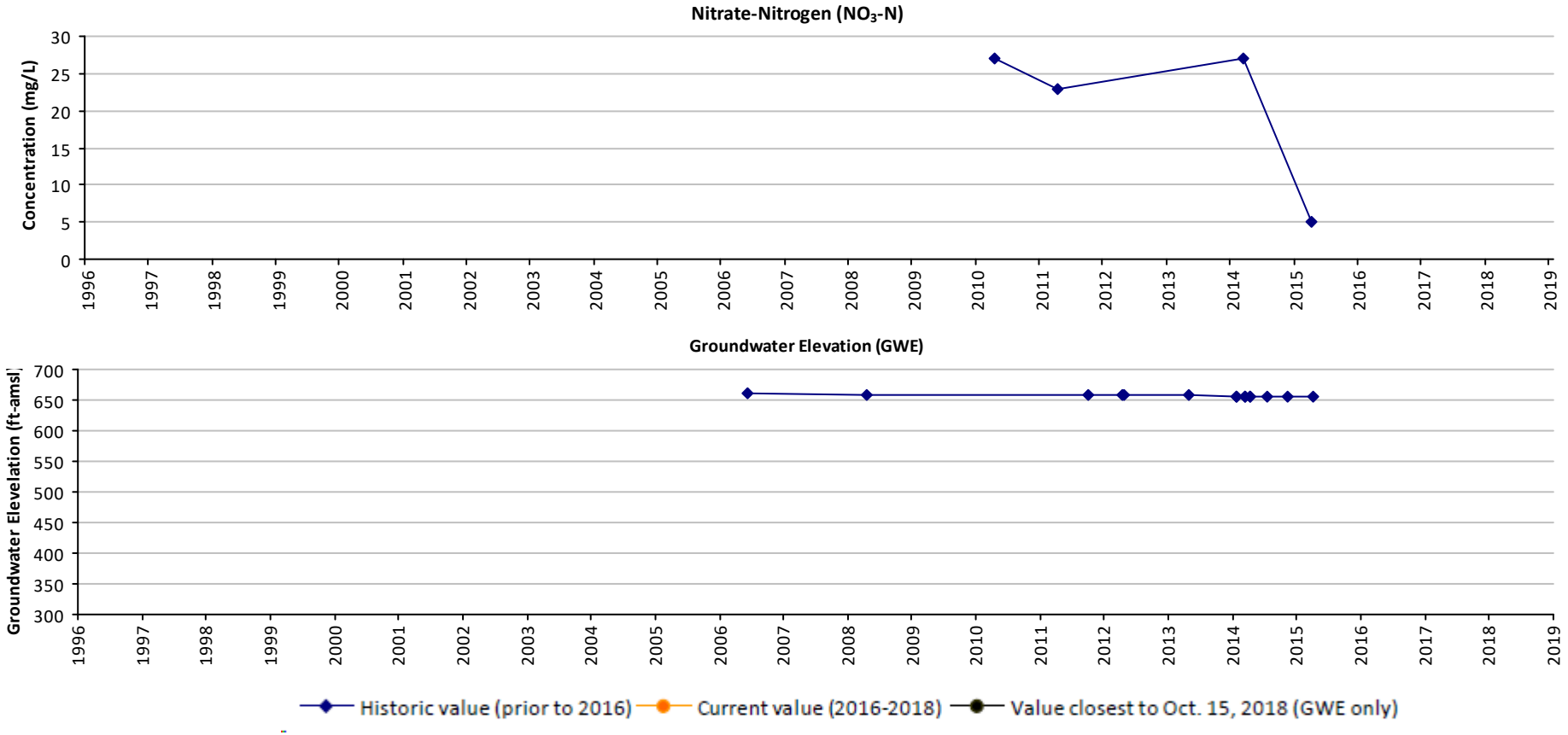


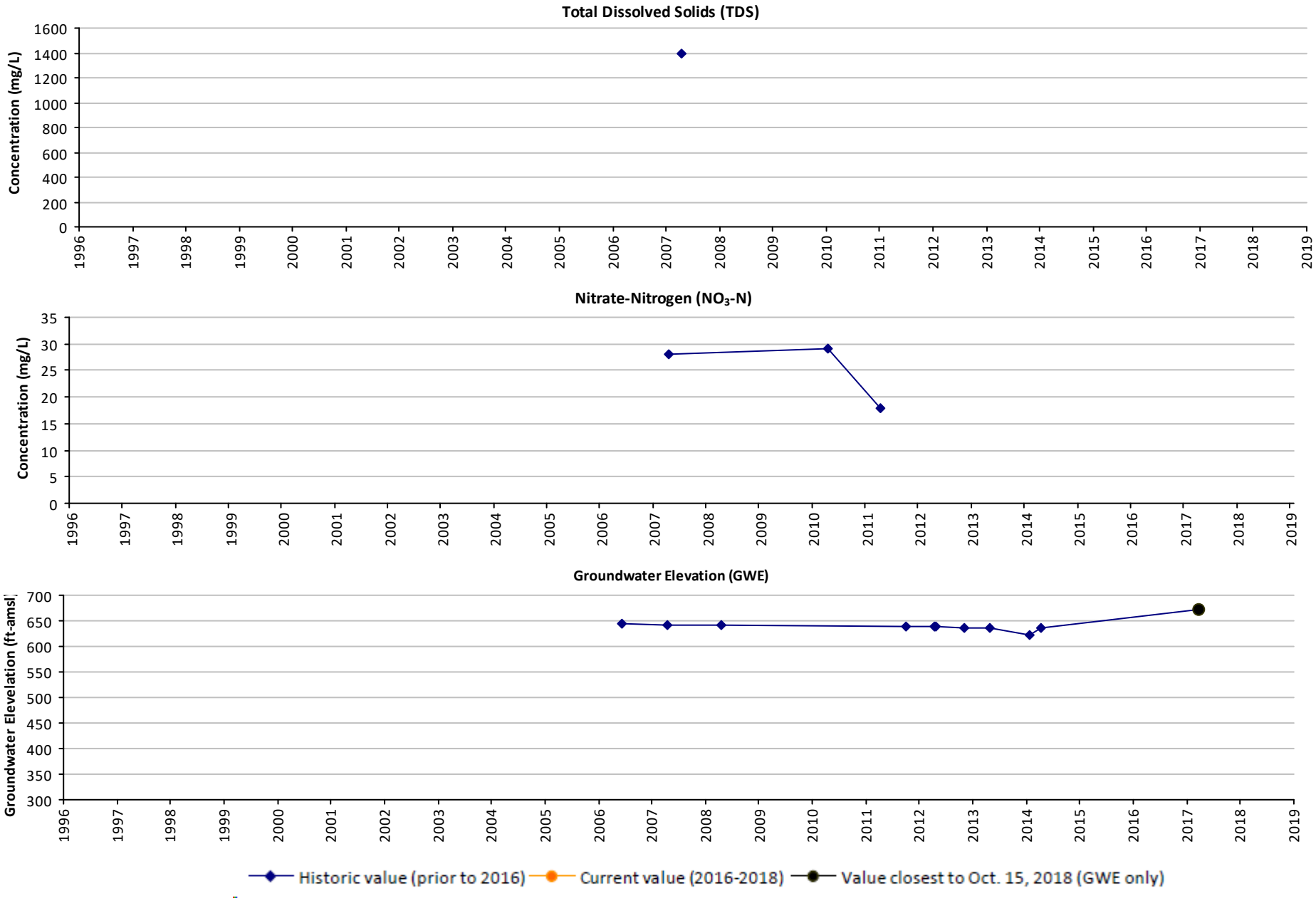

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

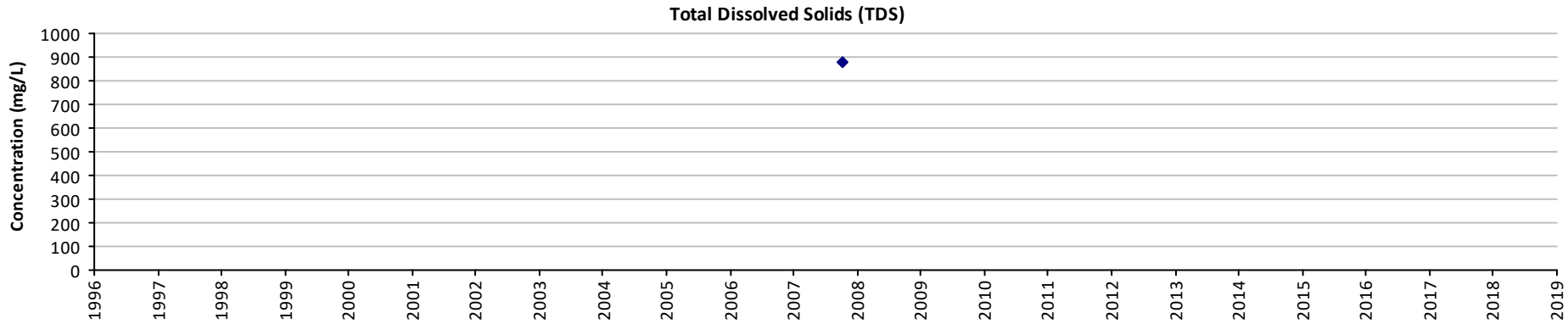

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

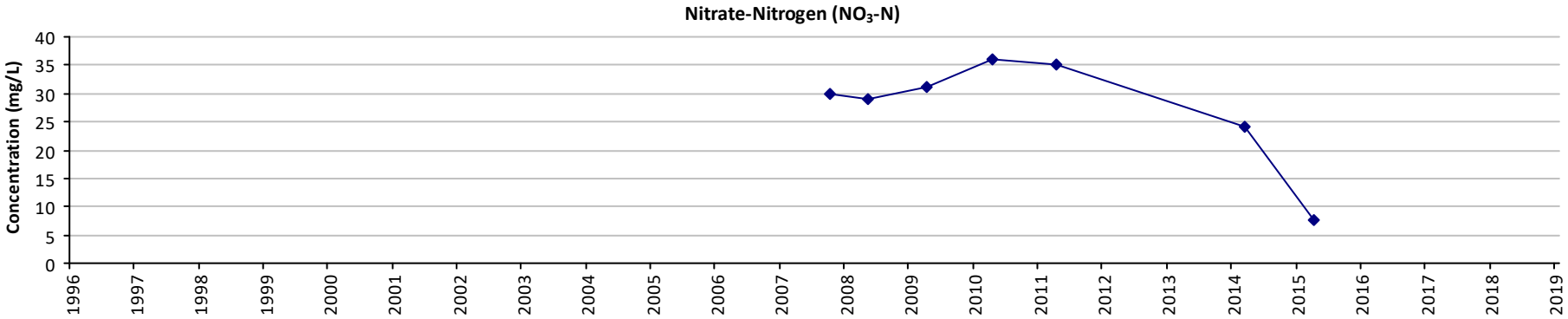

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

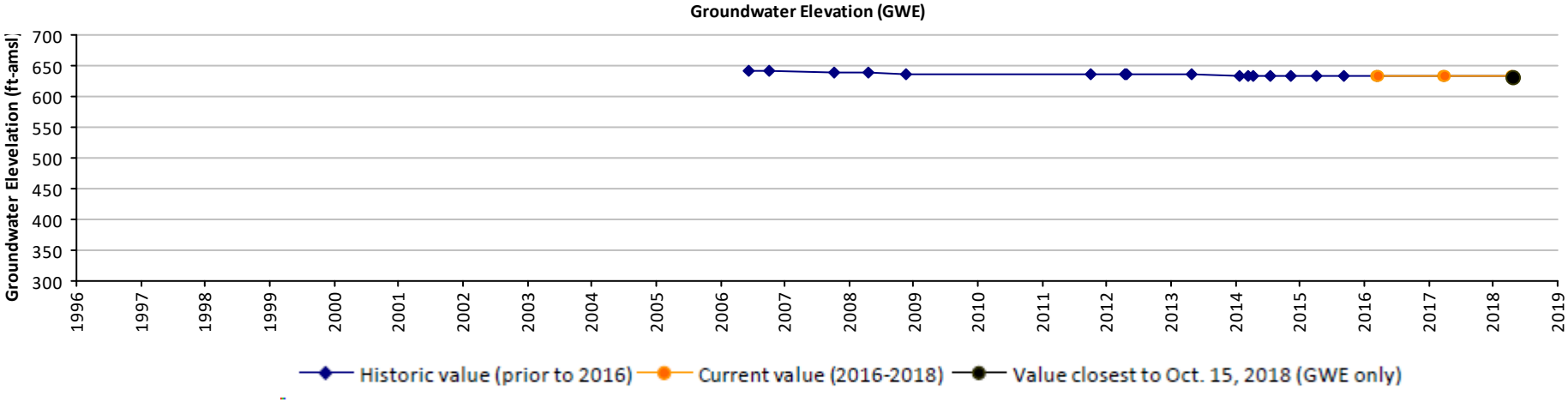
Total Dissolved Solids (TDS)



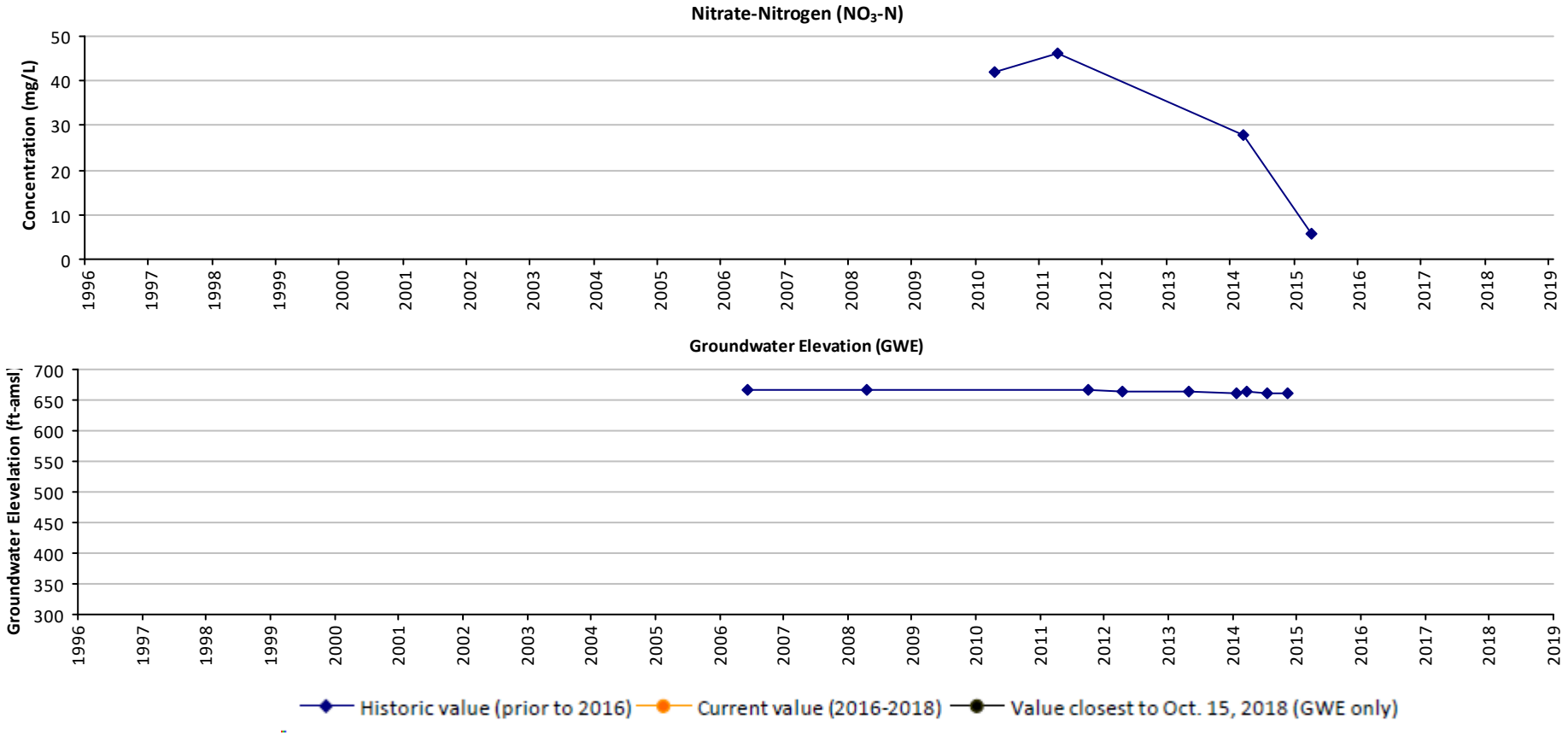

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

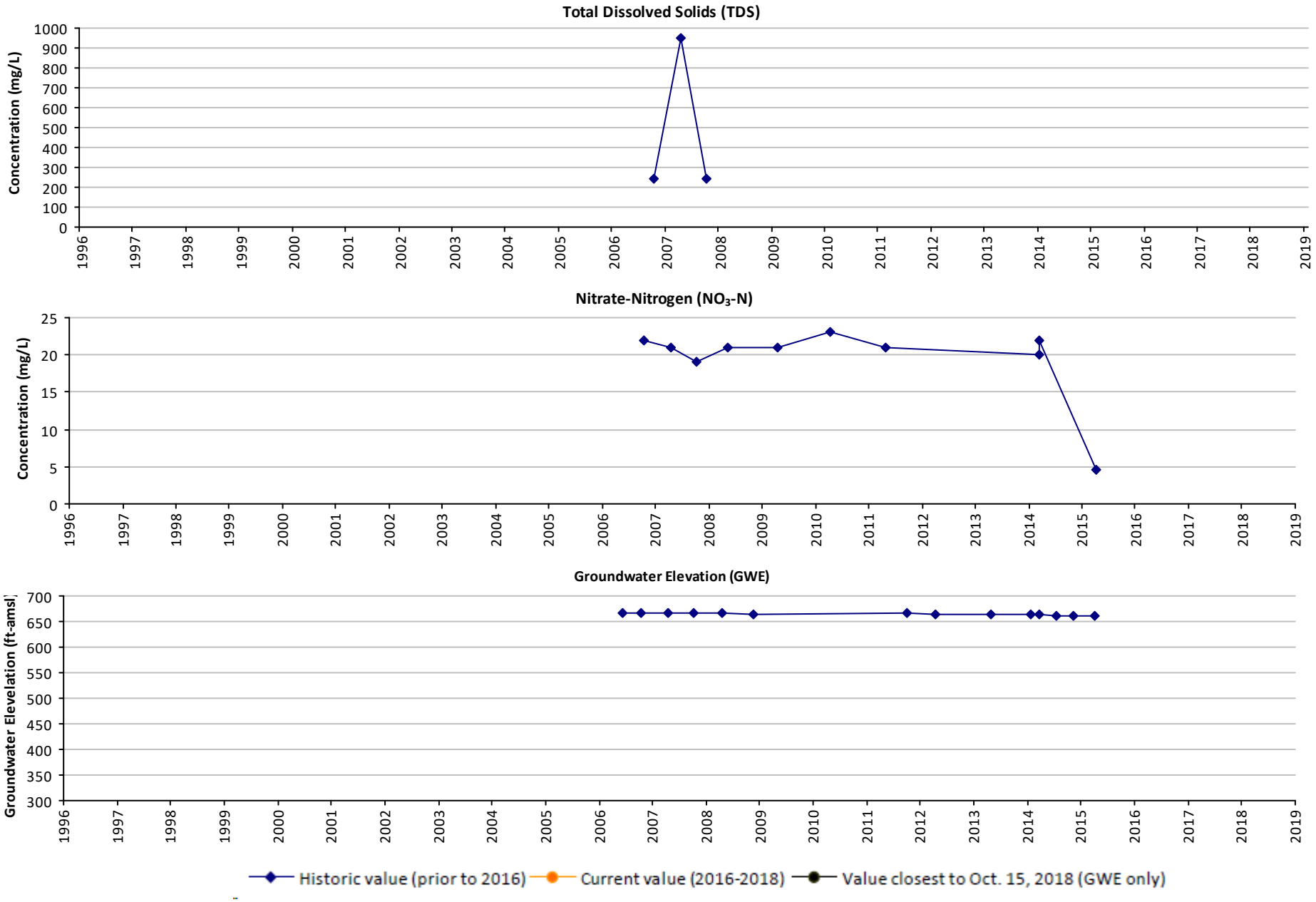

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

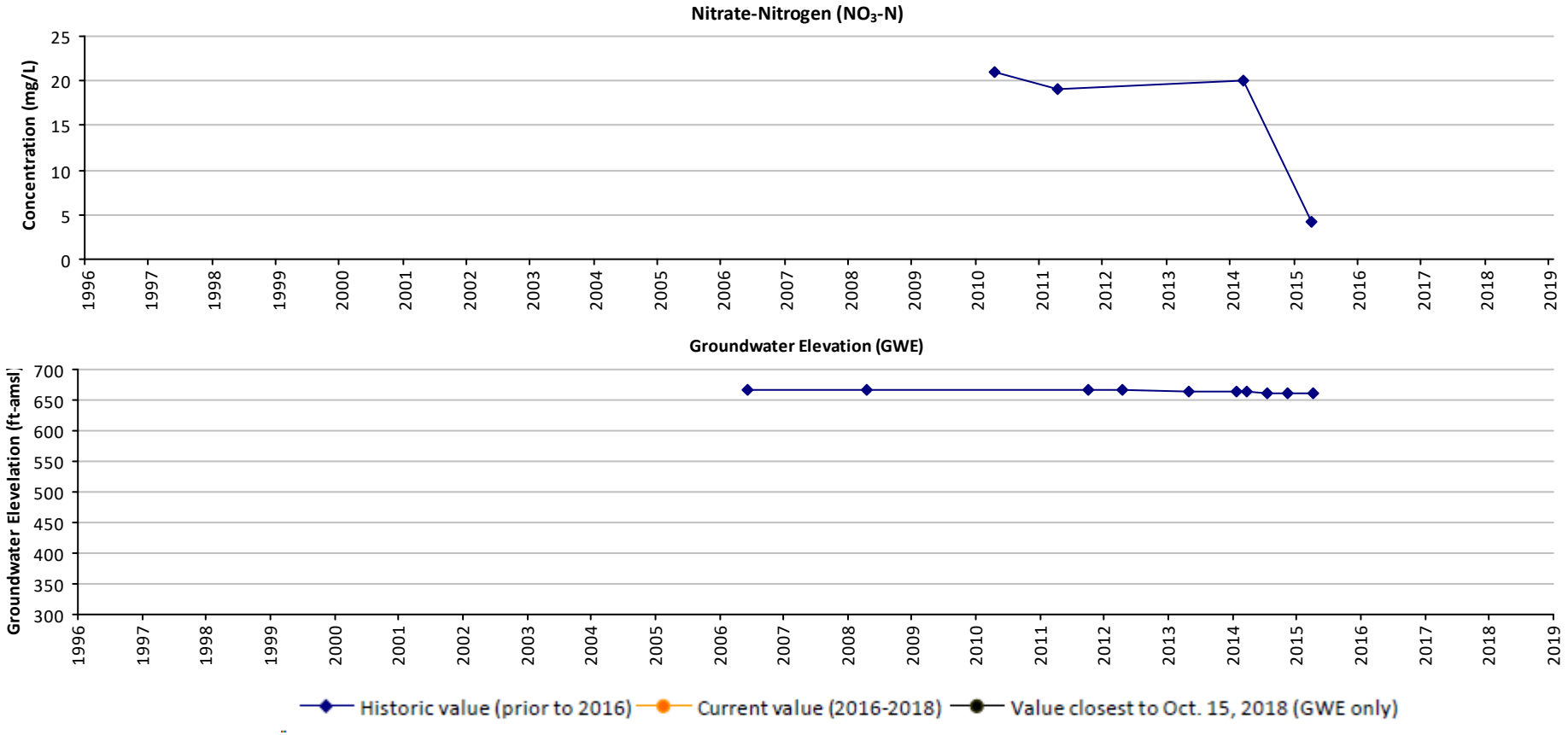

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
650
600
550
500
450
400
350
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

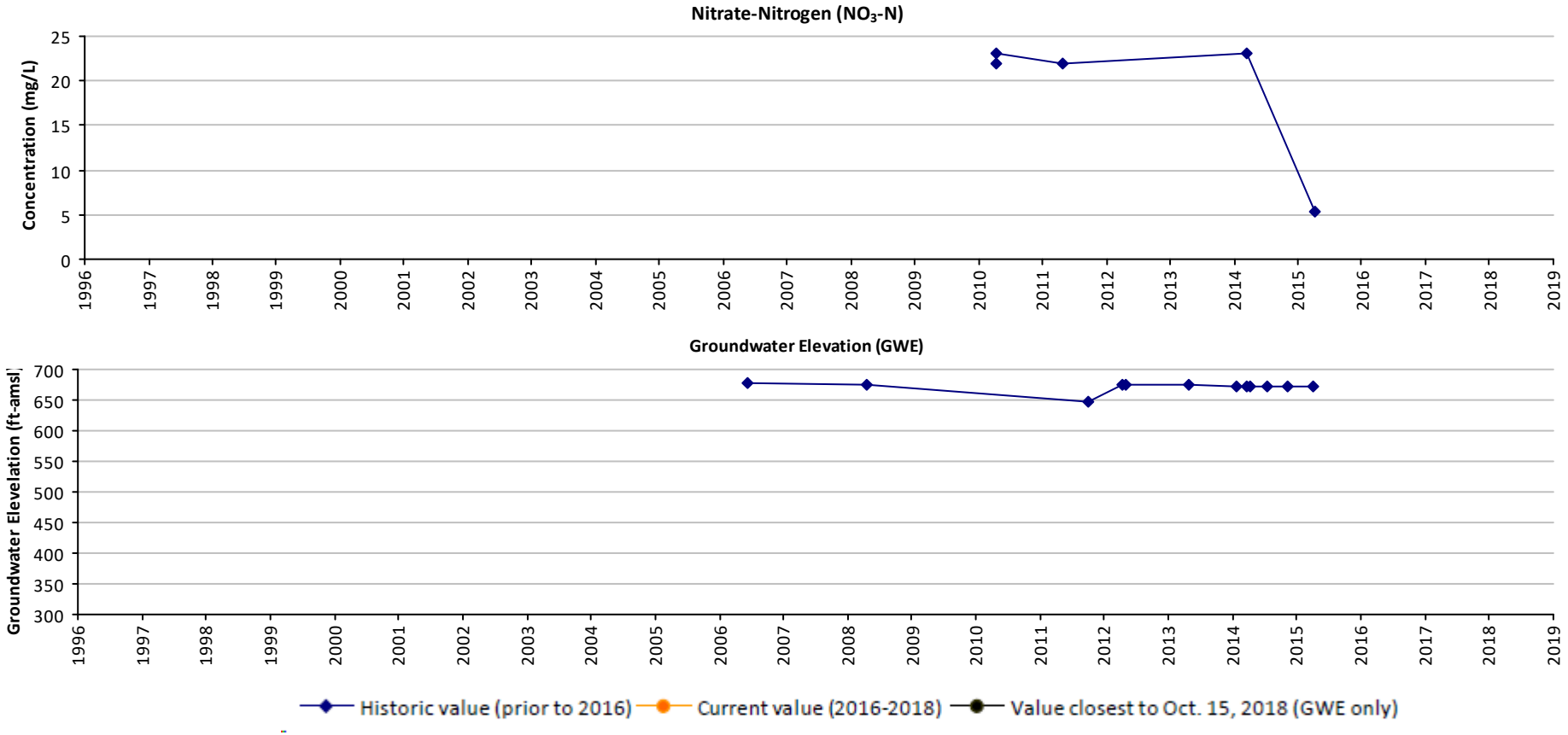


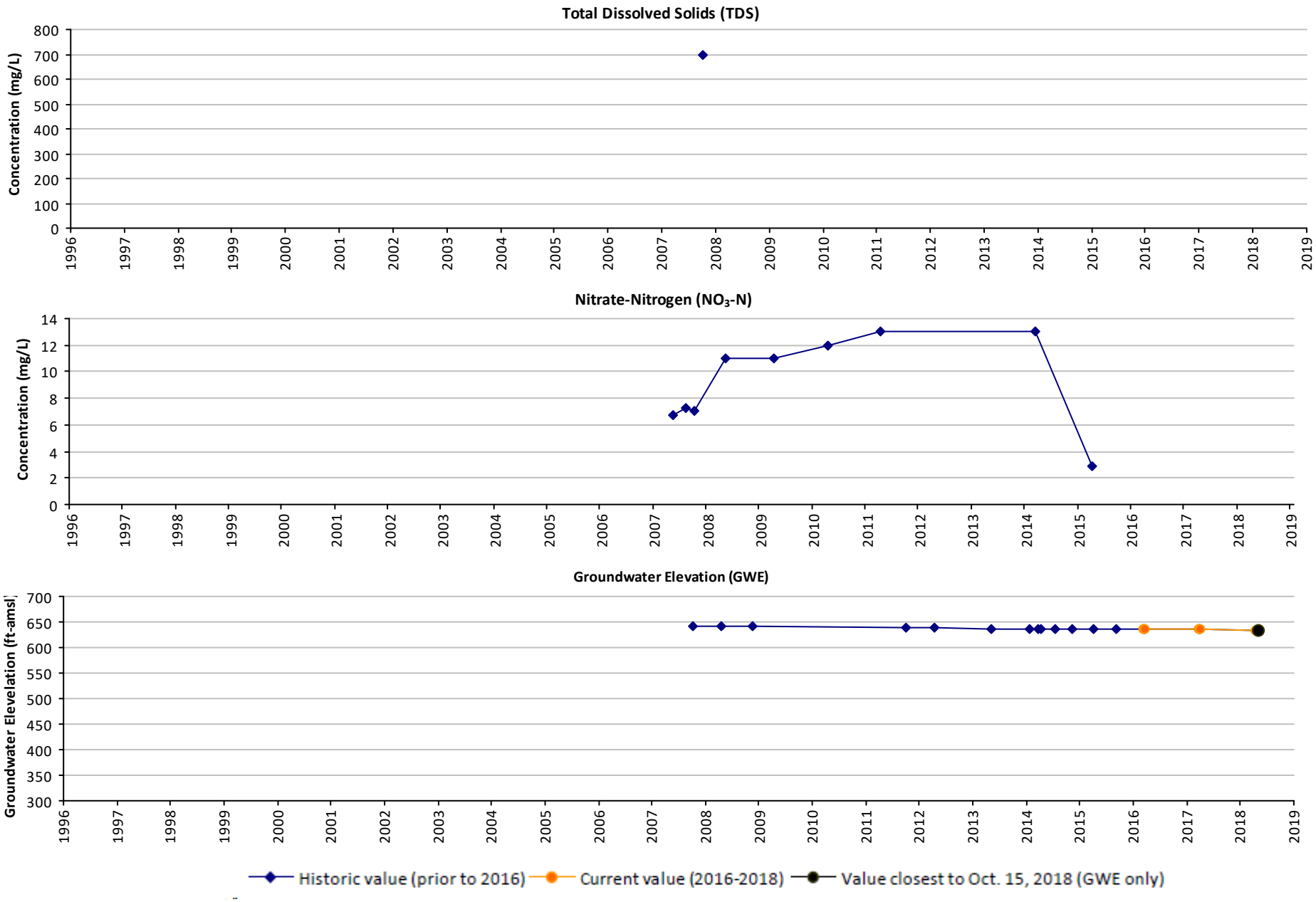

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

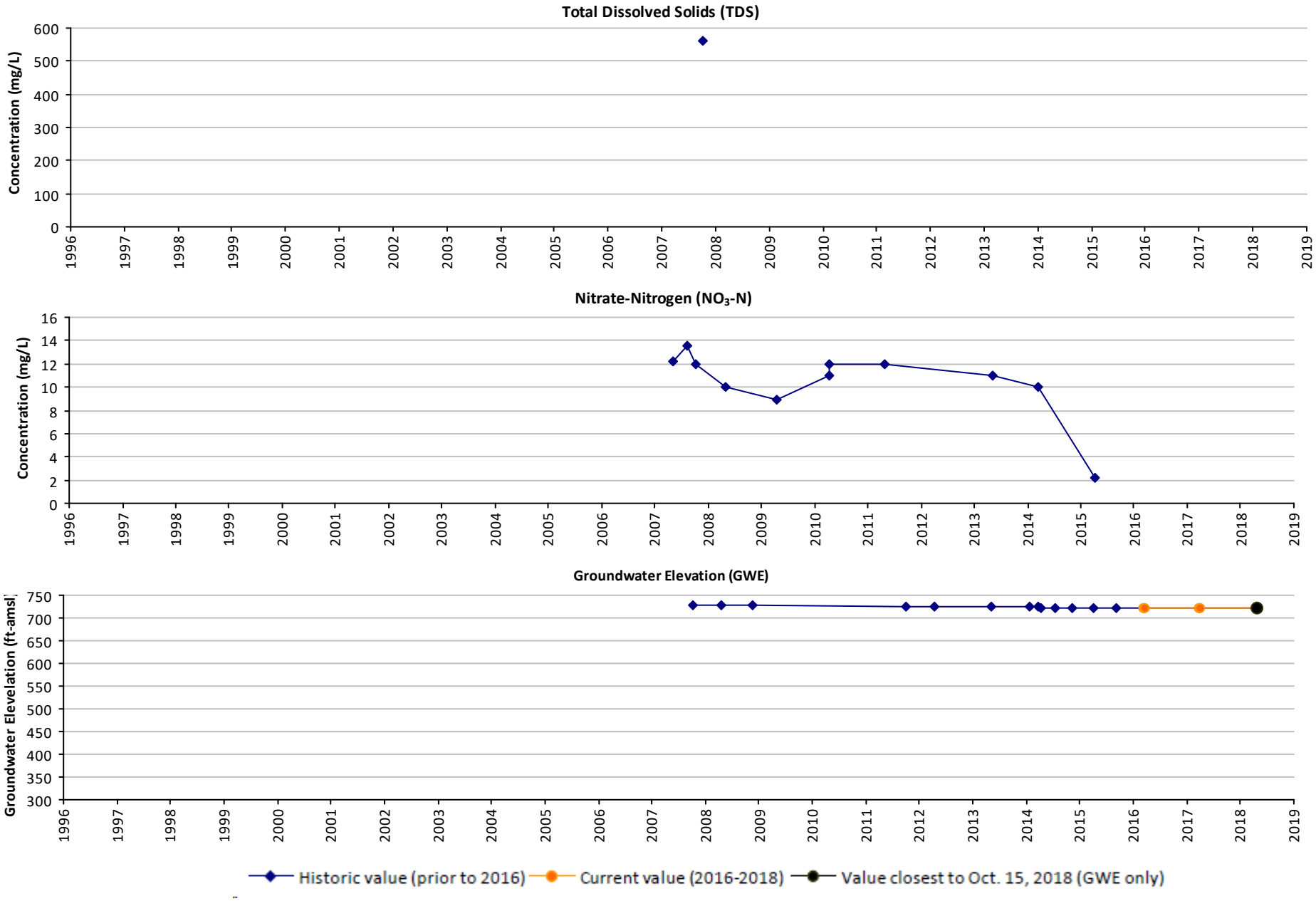
Total Dissolved Solids (TDS)

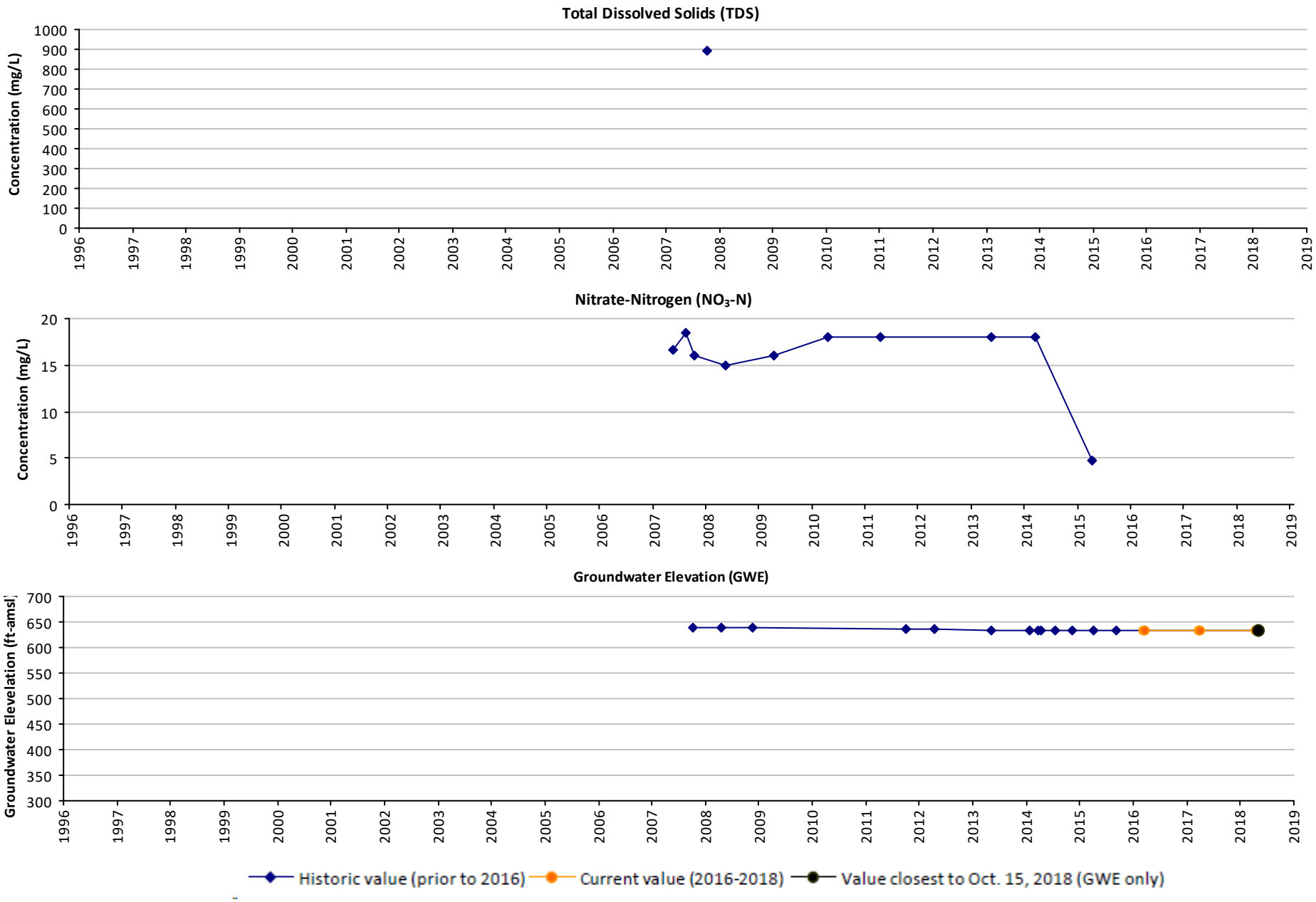


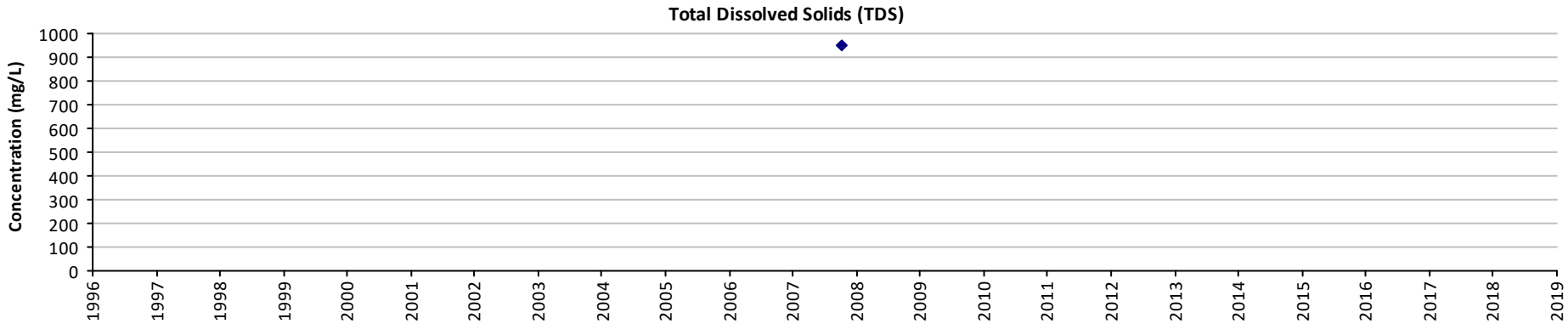
Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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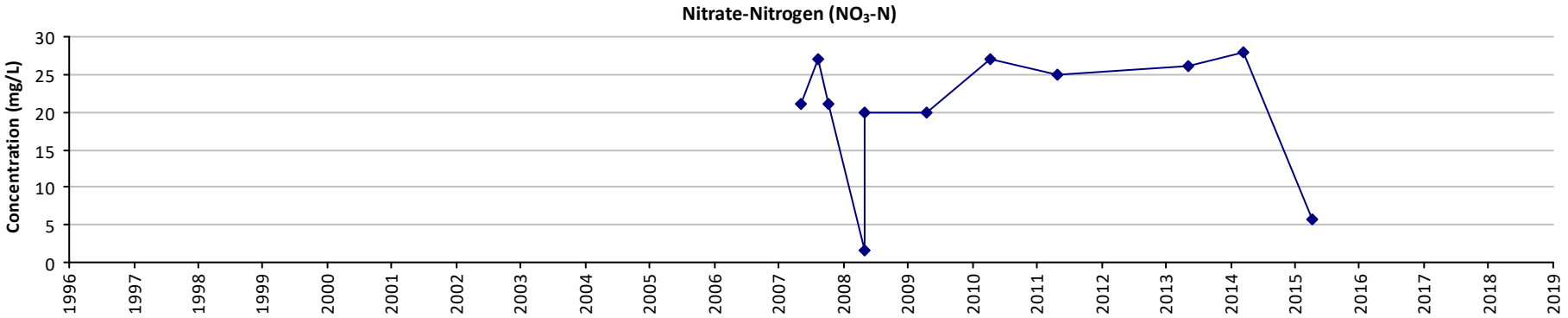
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2010
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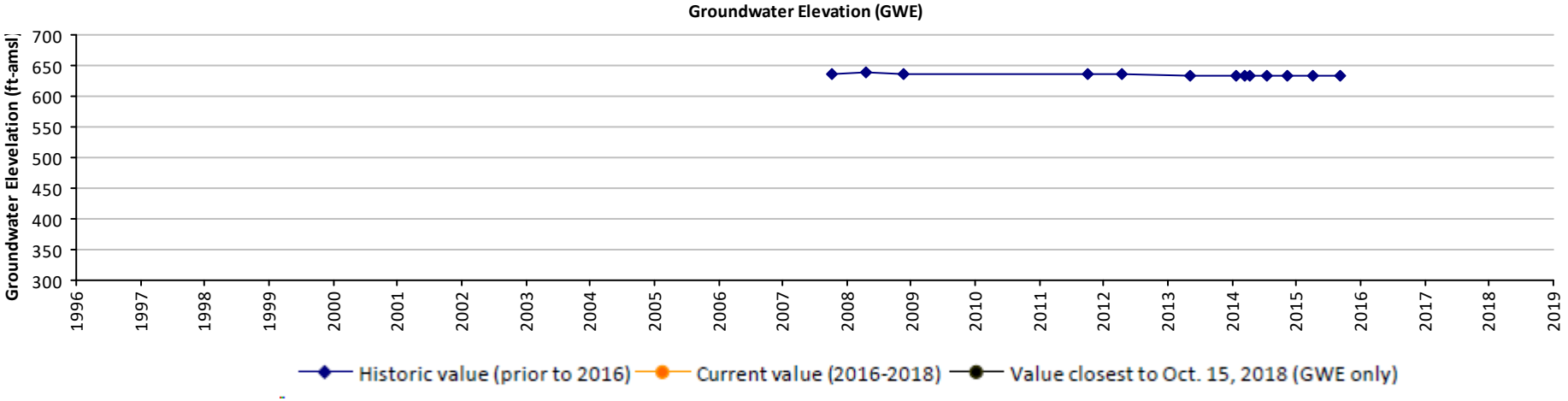
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
650
600
550
500
450
400
350
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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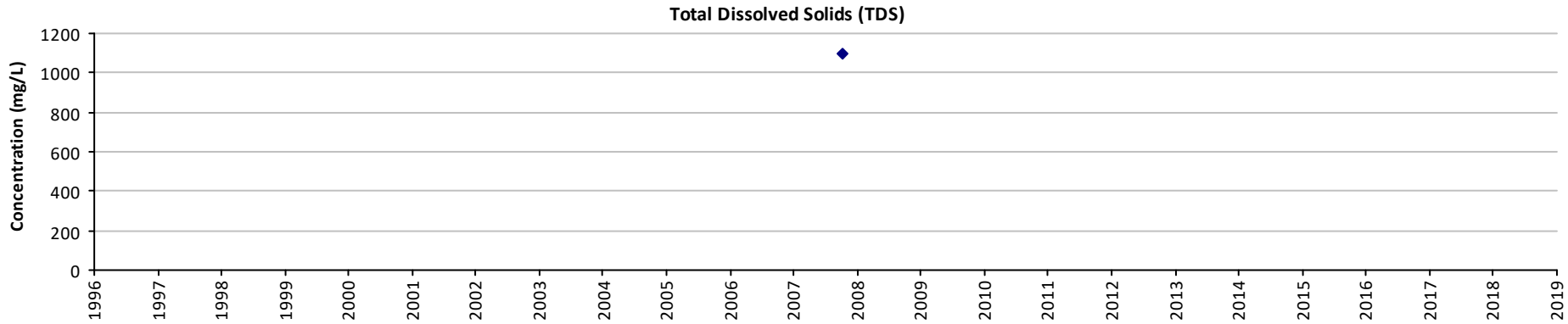
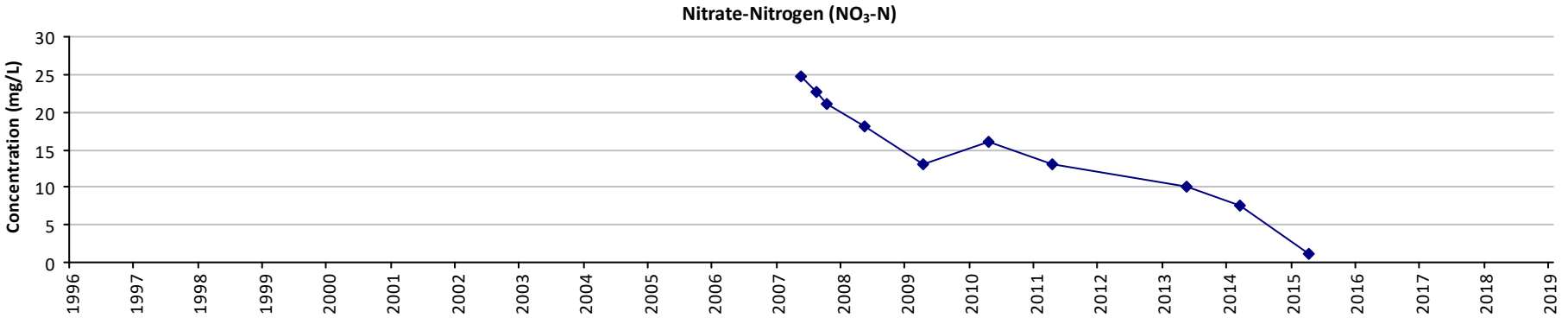
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2009
2010
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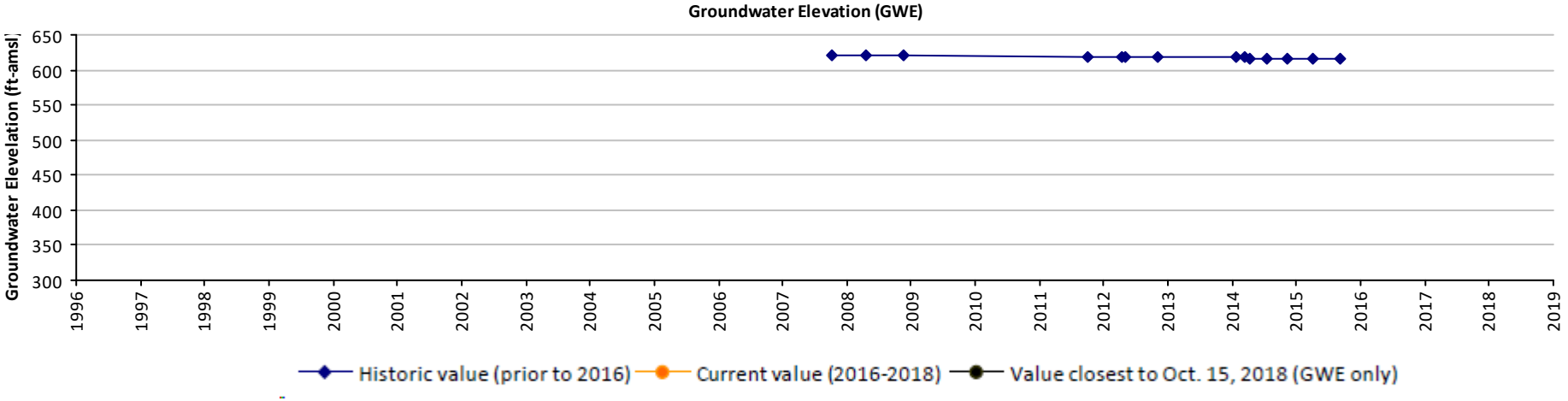
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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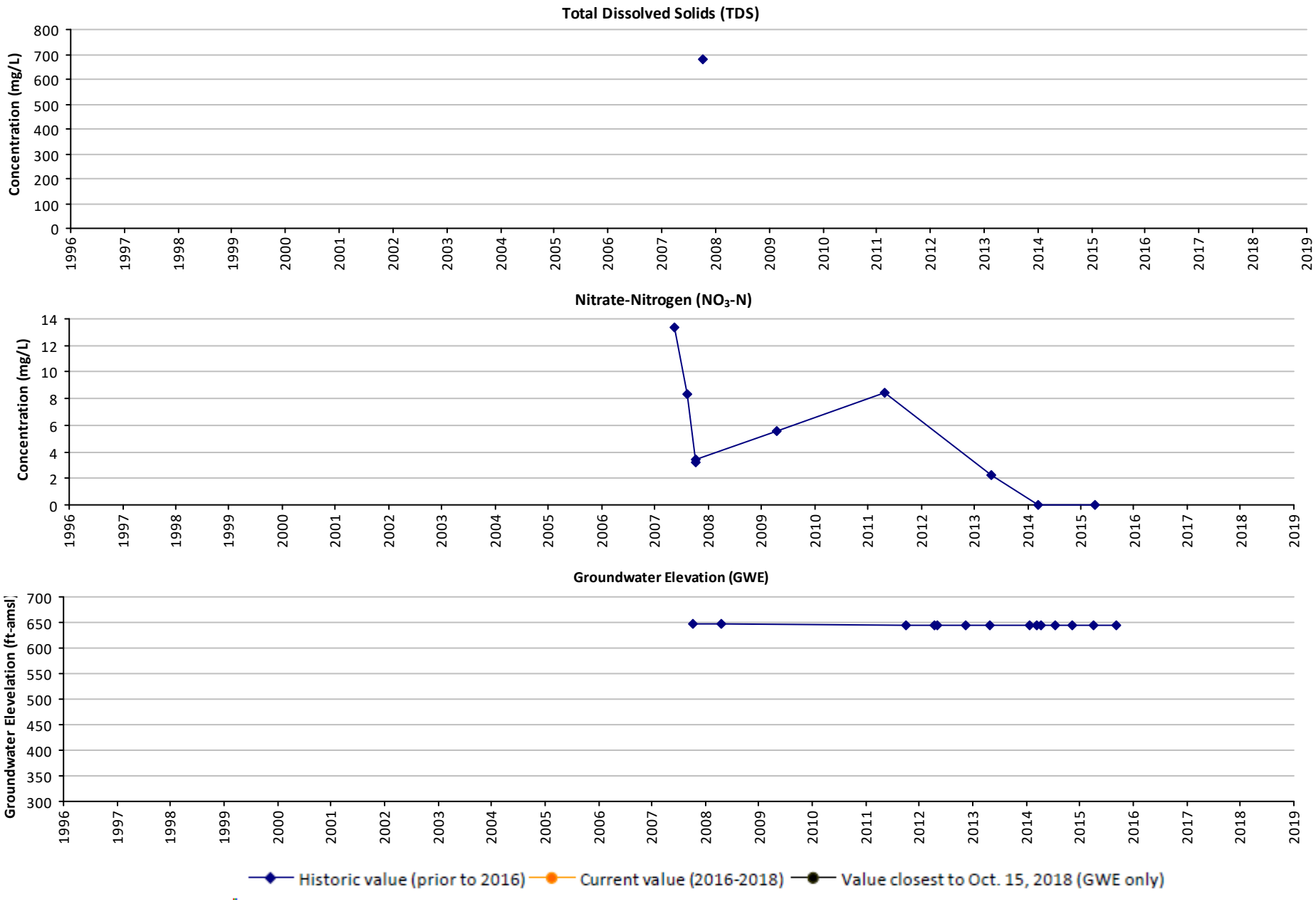
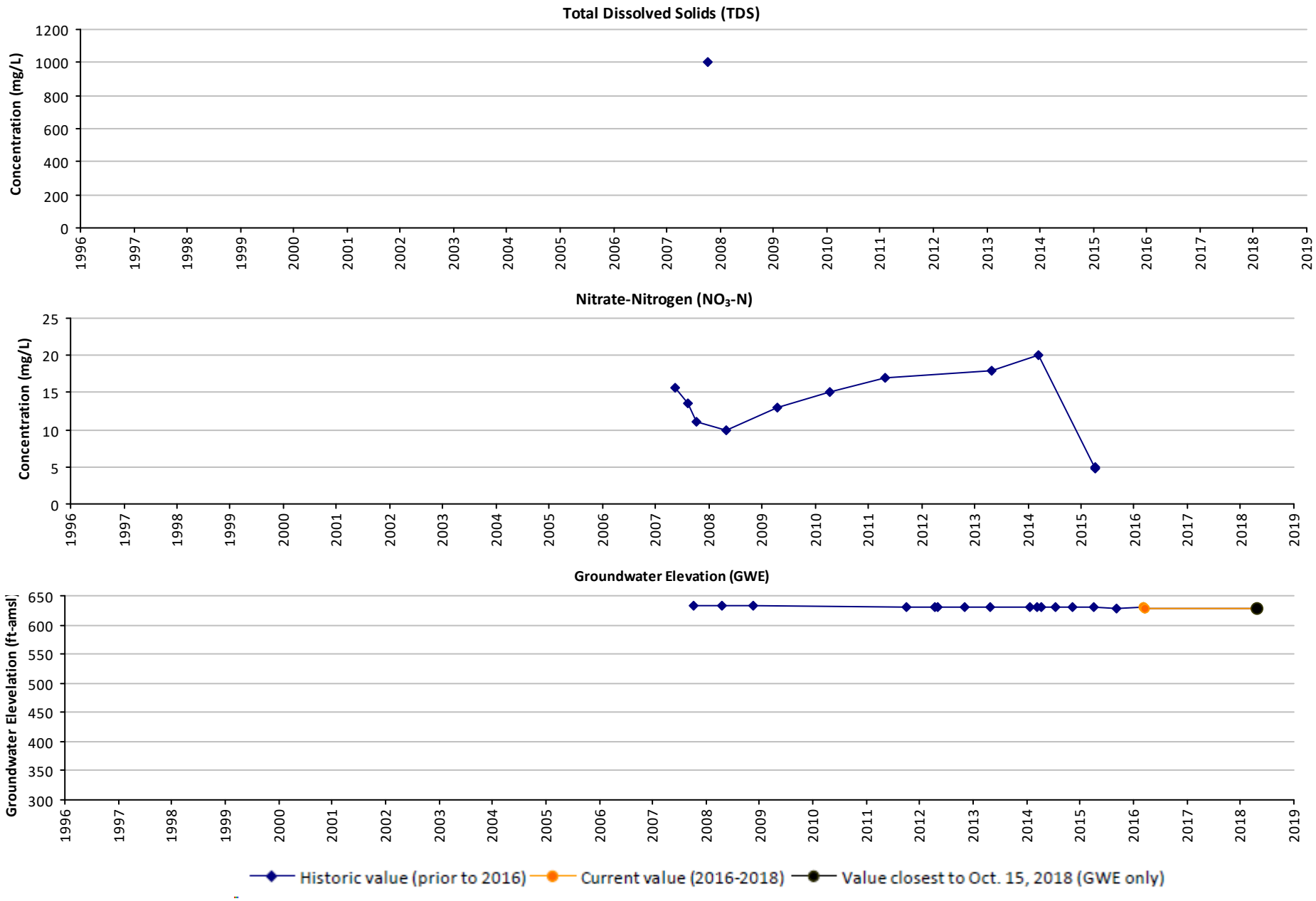
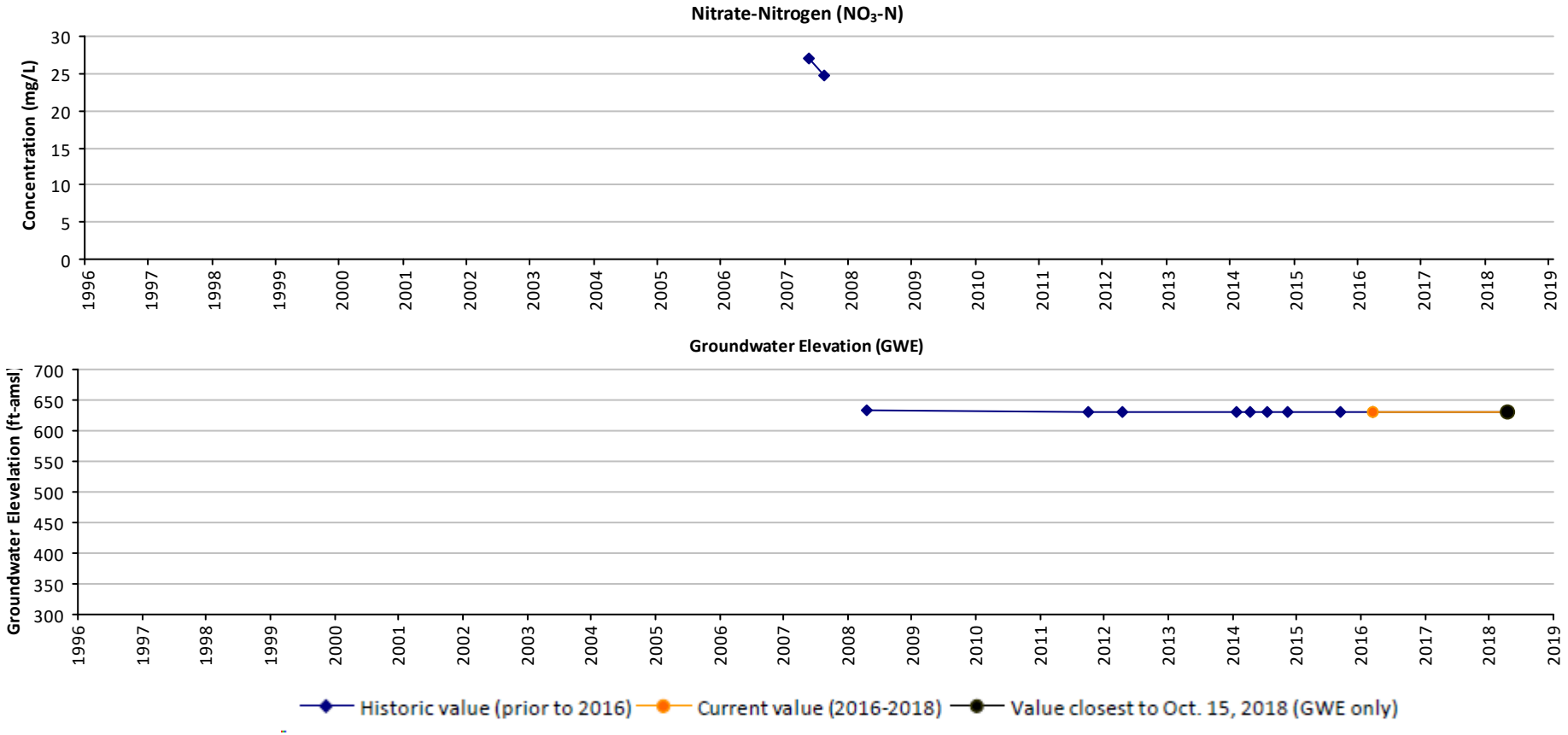
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

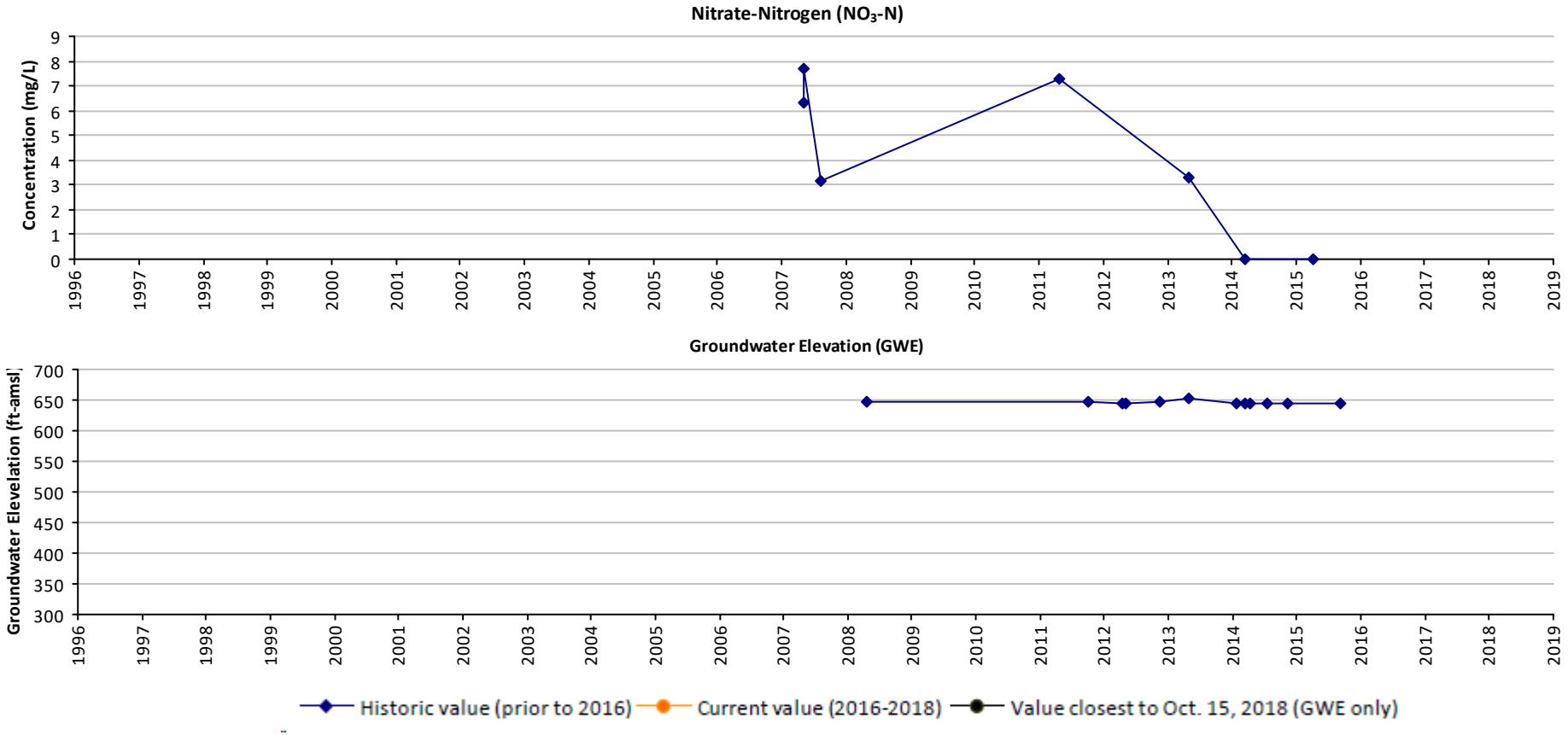

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

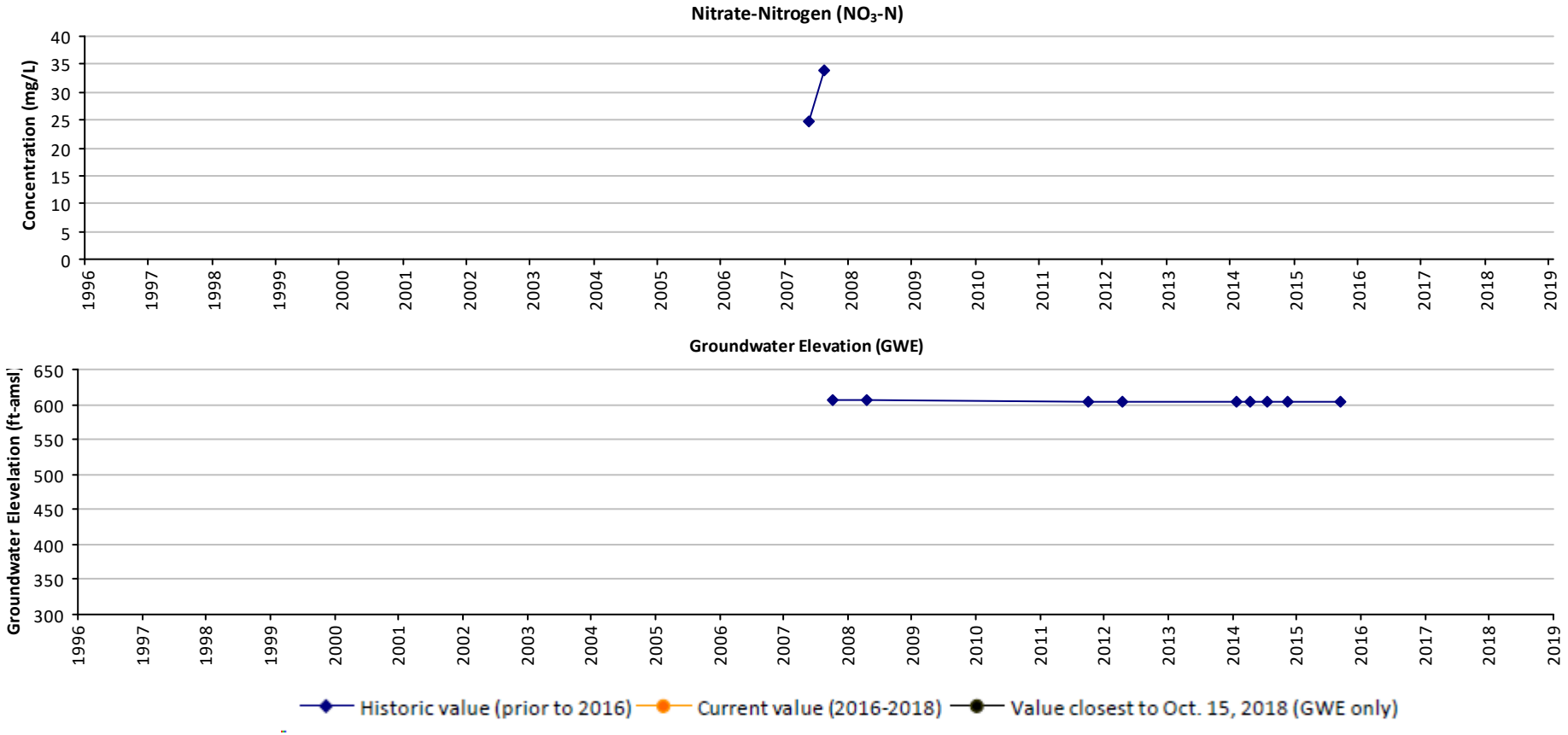
Total Dissolved Solids (TDS)



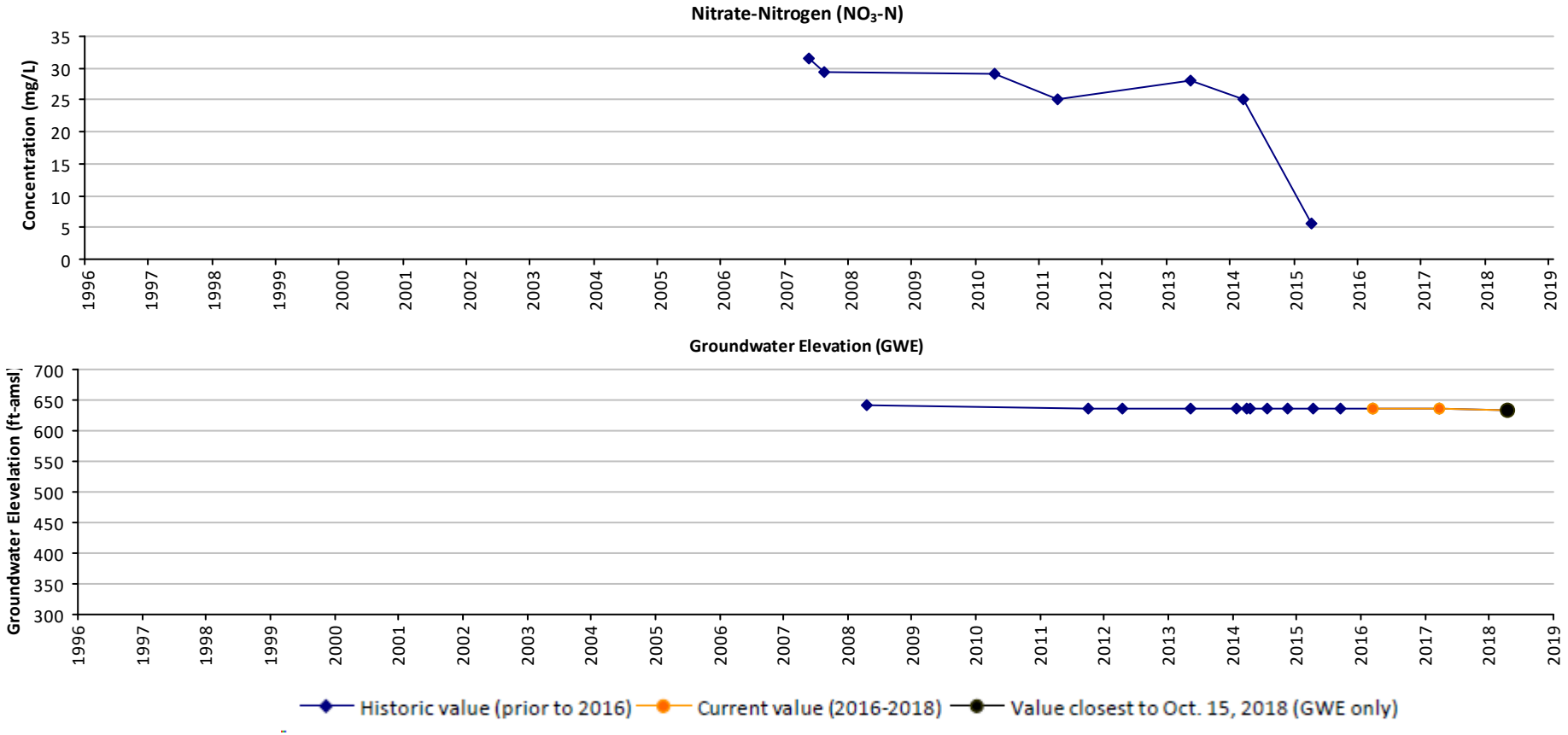
Total Dissolved Solids (TDS)



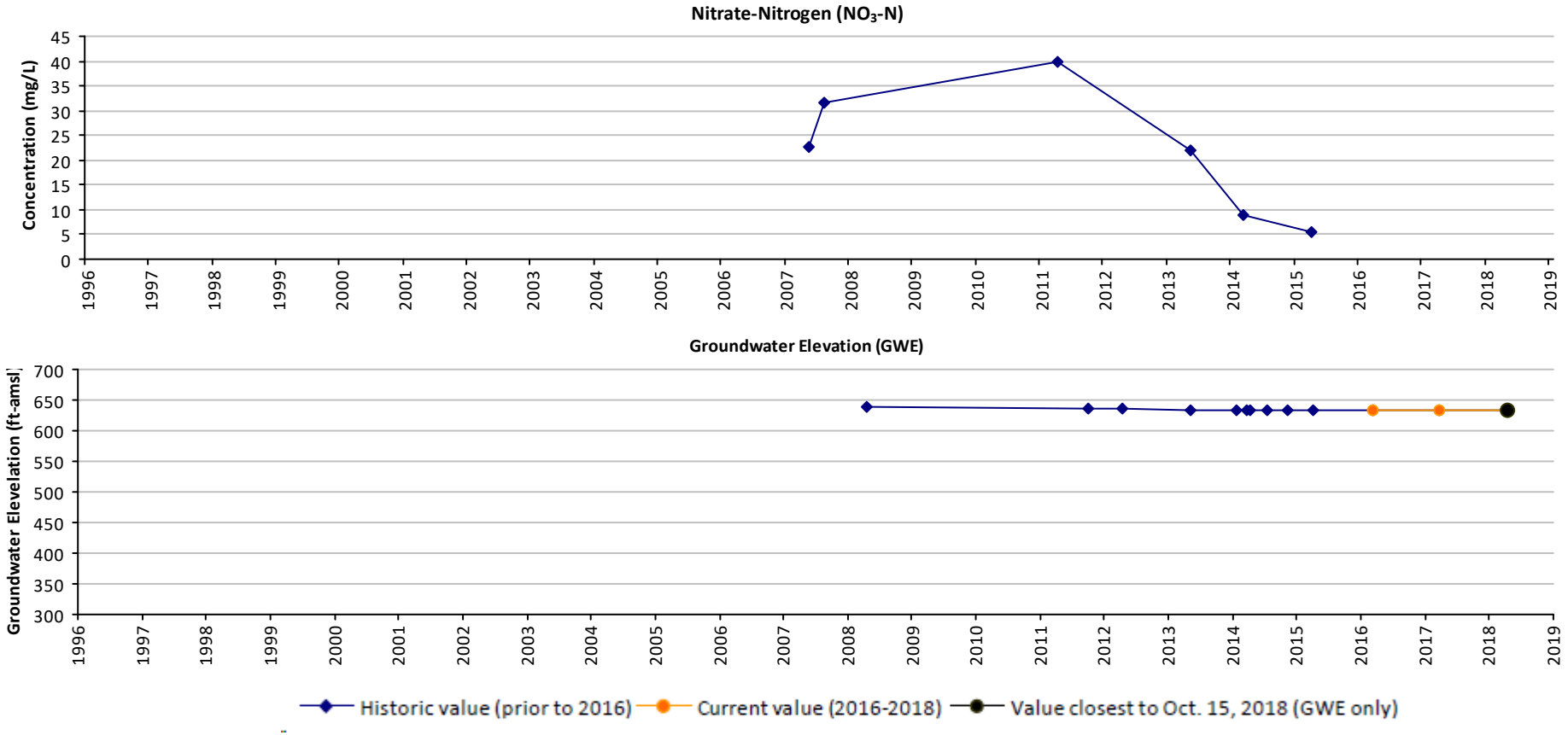
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

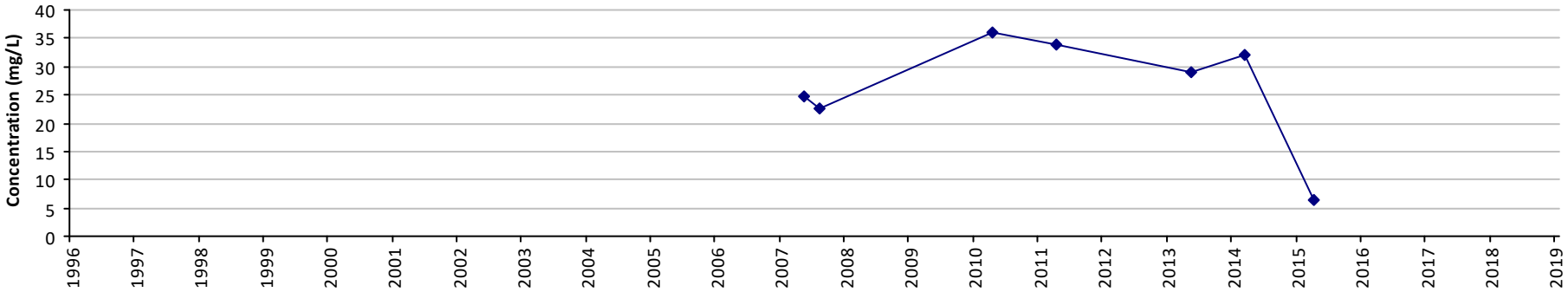


Total Dissolved Solids (TDS)

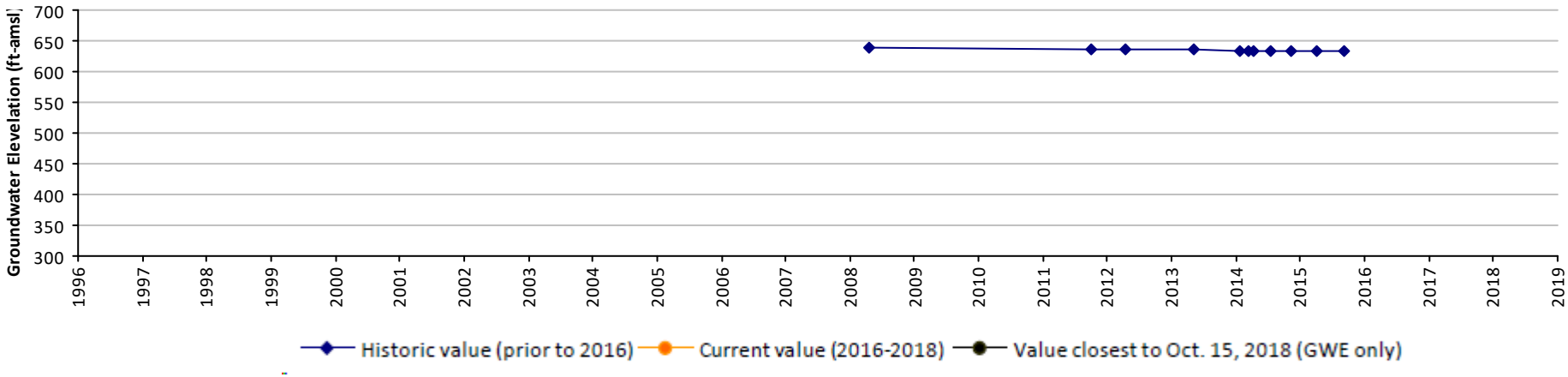


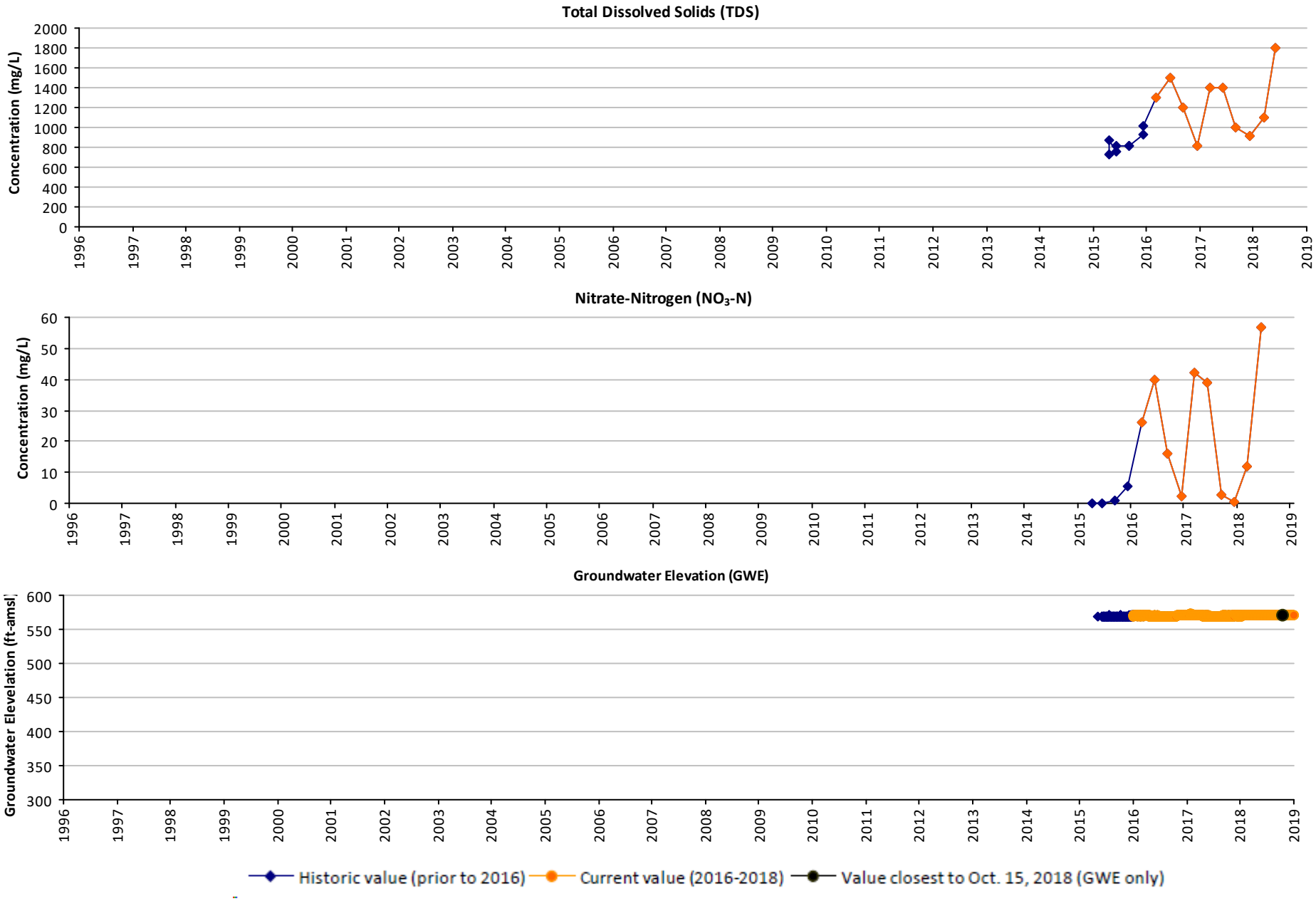
Total Dissolved Solids (TDS)

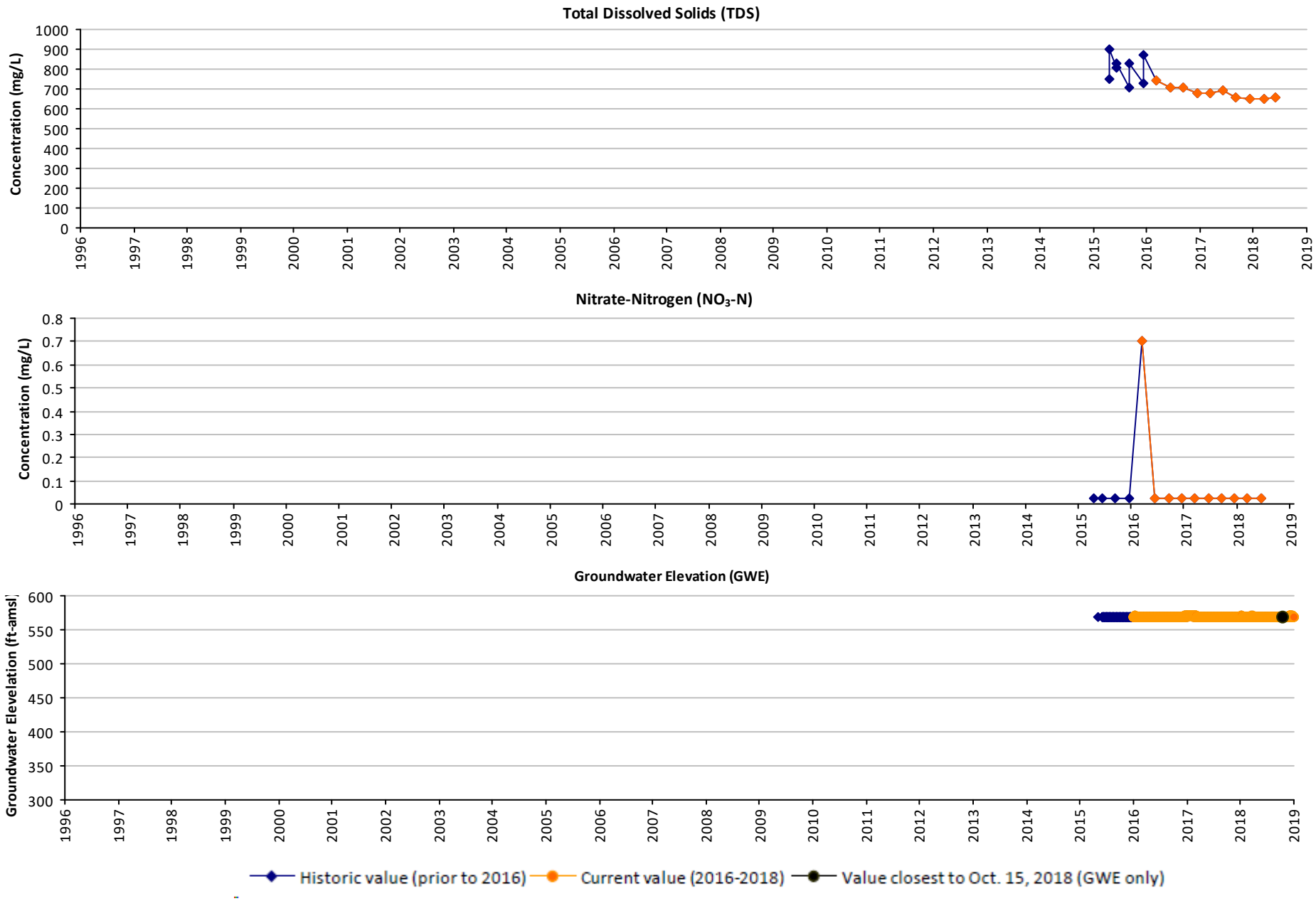
Nitrate-Nitrogen (NO_3-N)

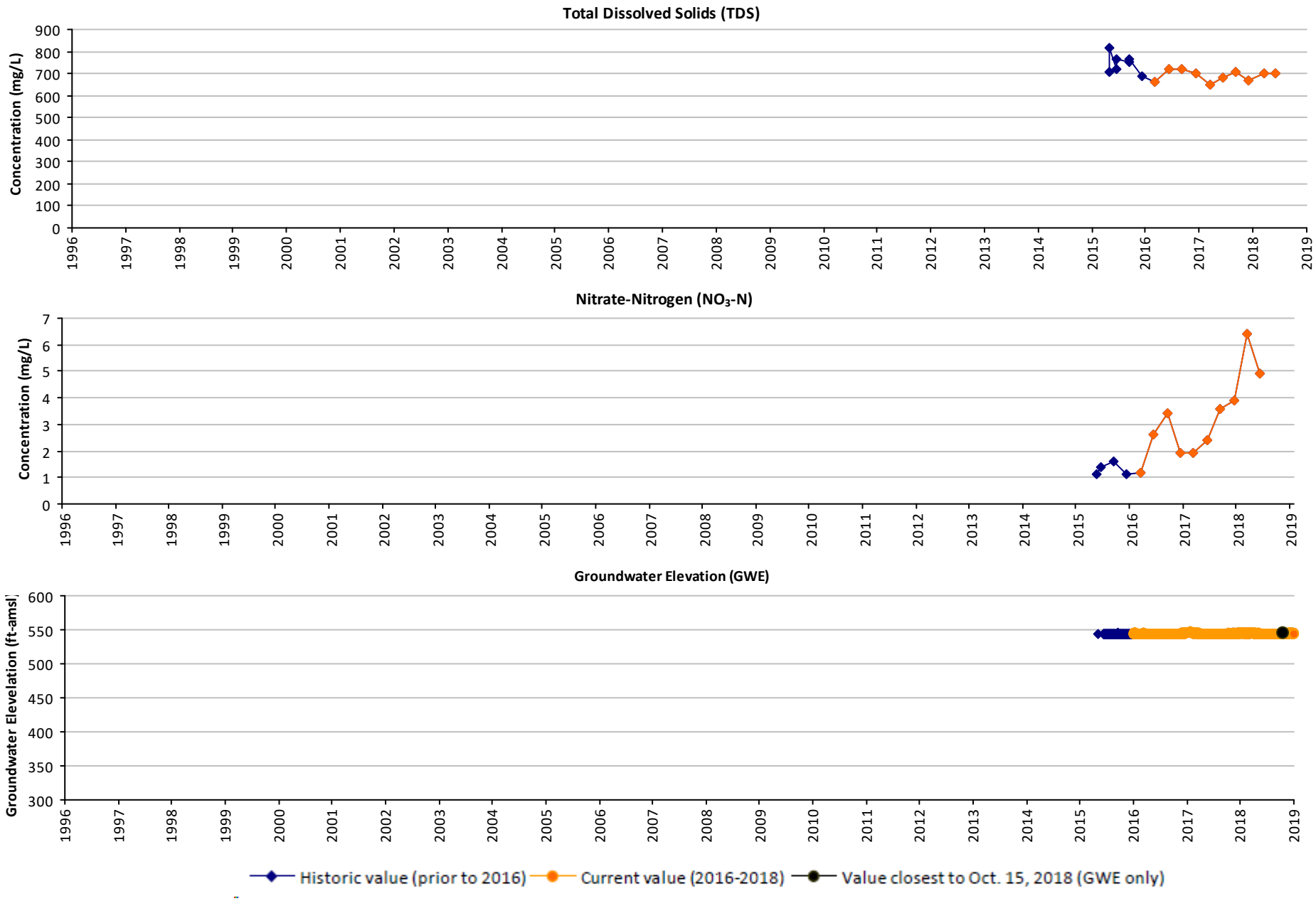


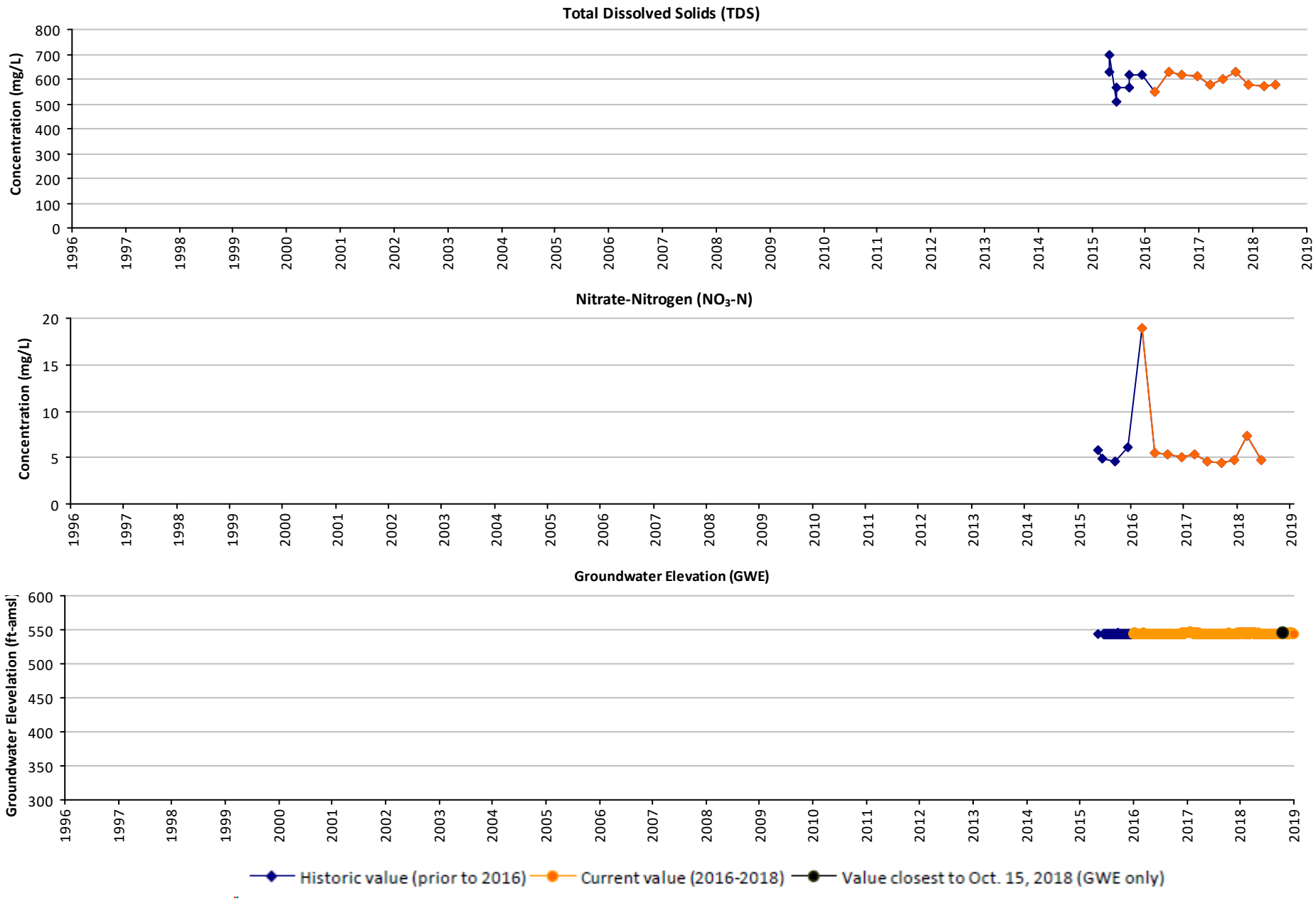
Groundwater Elevation (GWE)



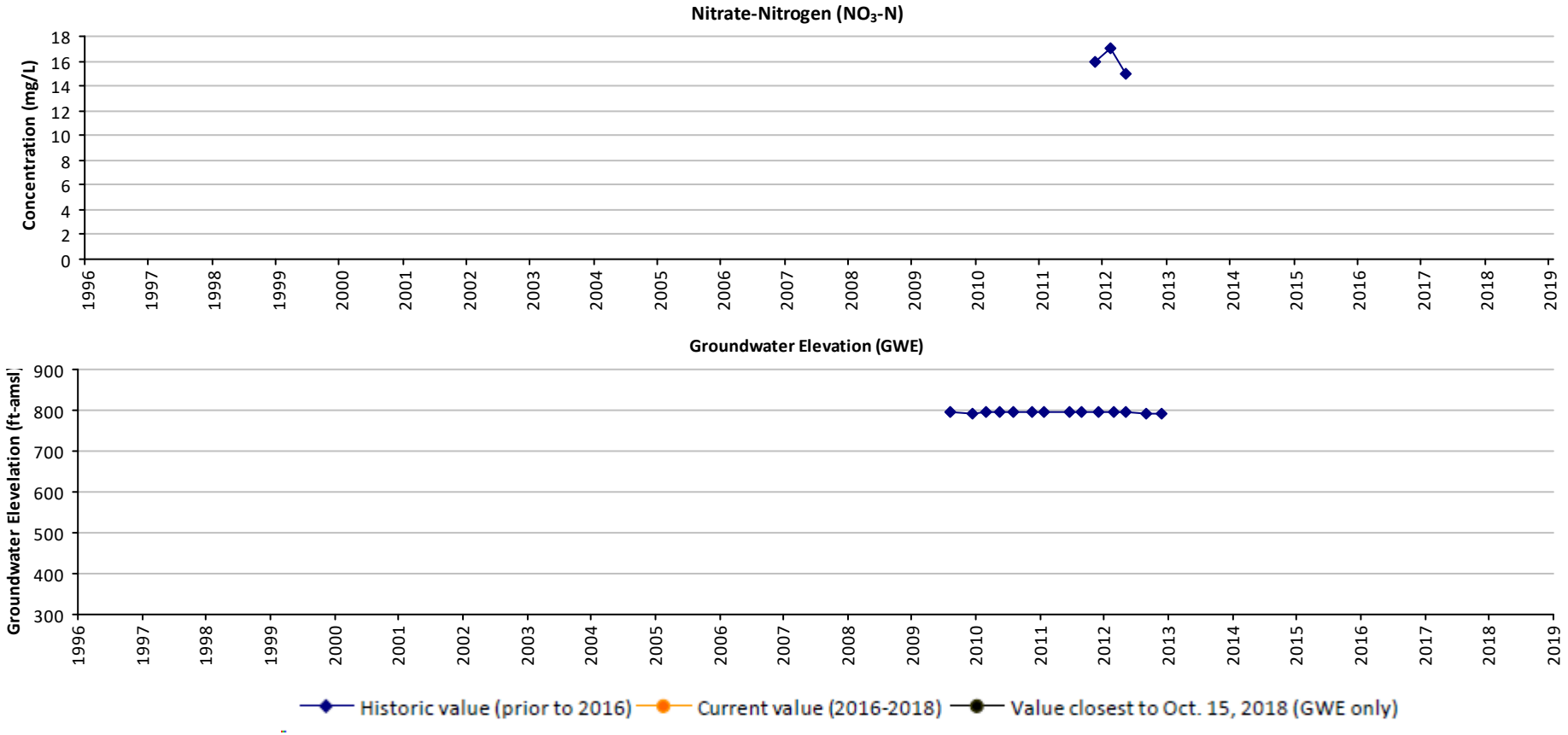

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

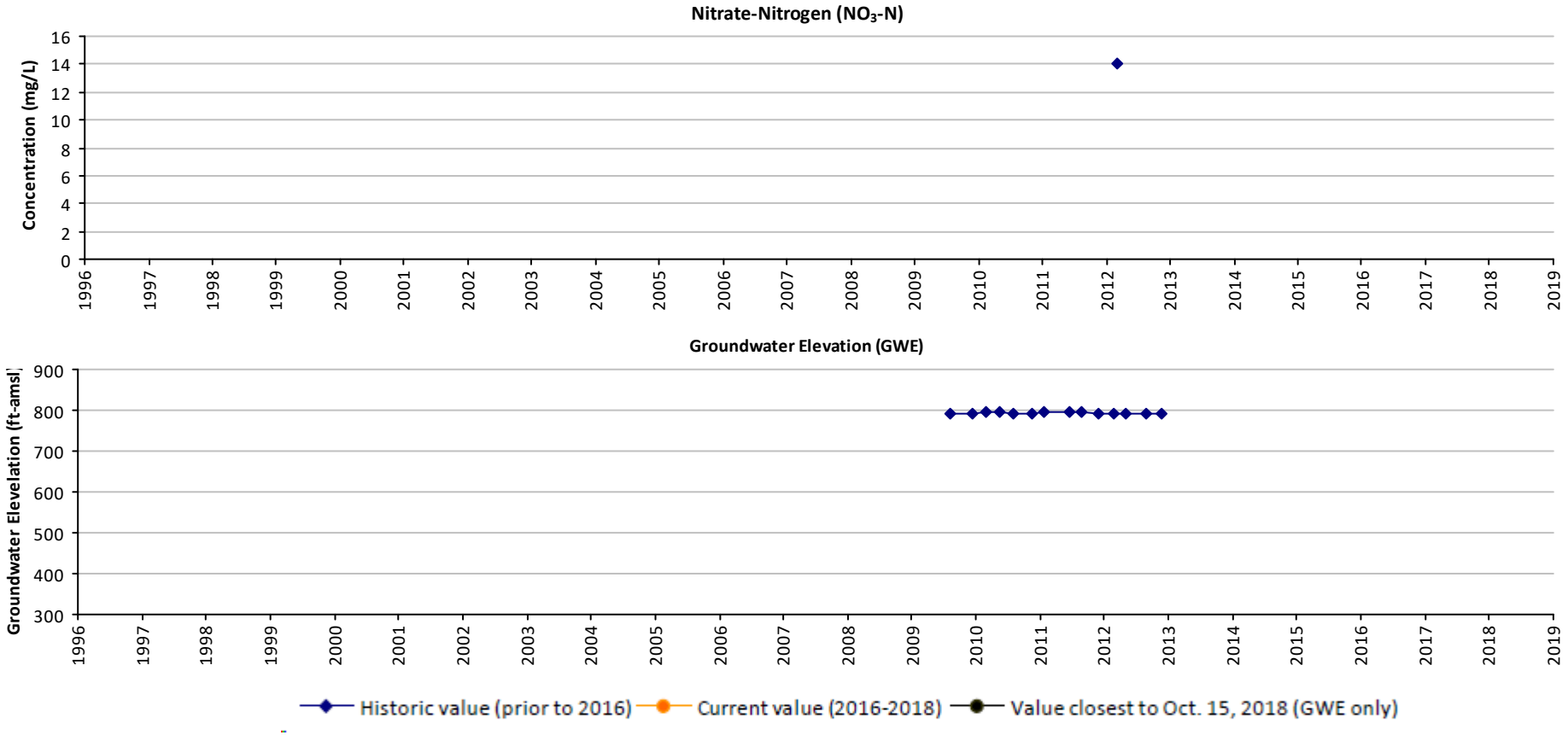

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

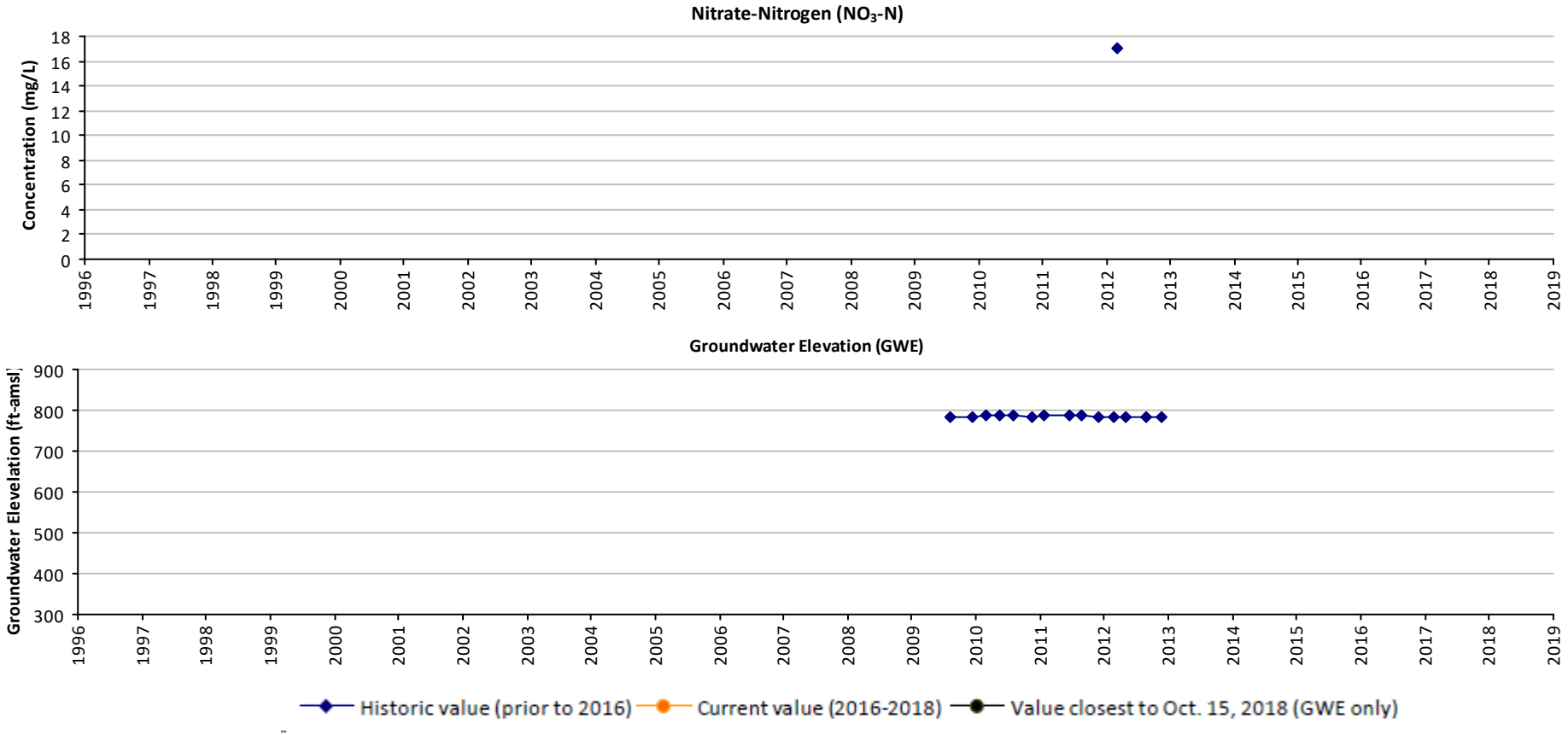
Total Dissolved Solids (TDS)



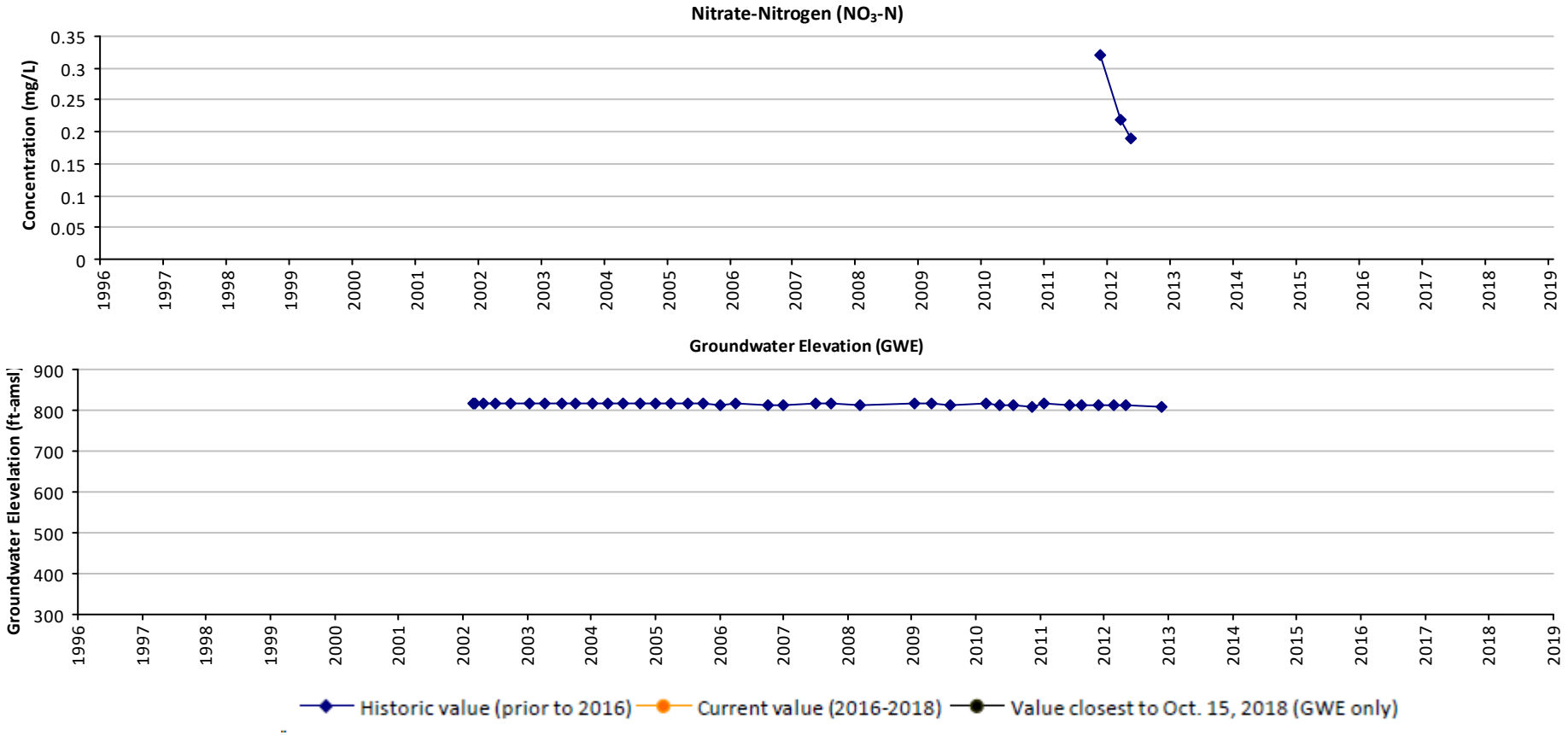
Total Dissolved Solids (TDS)



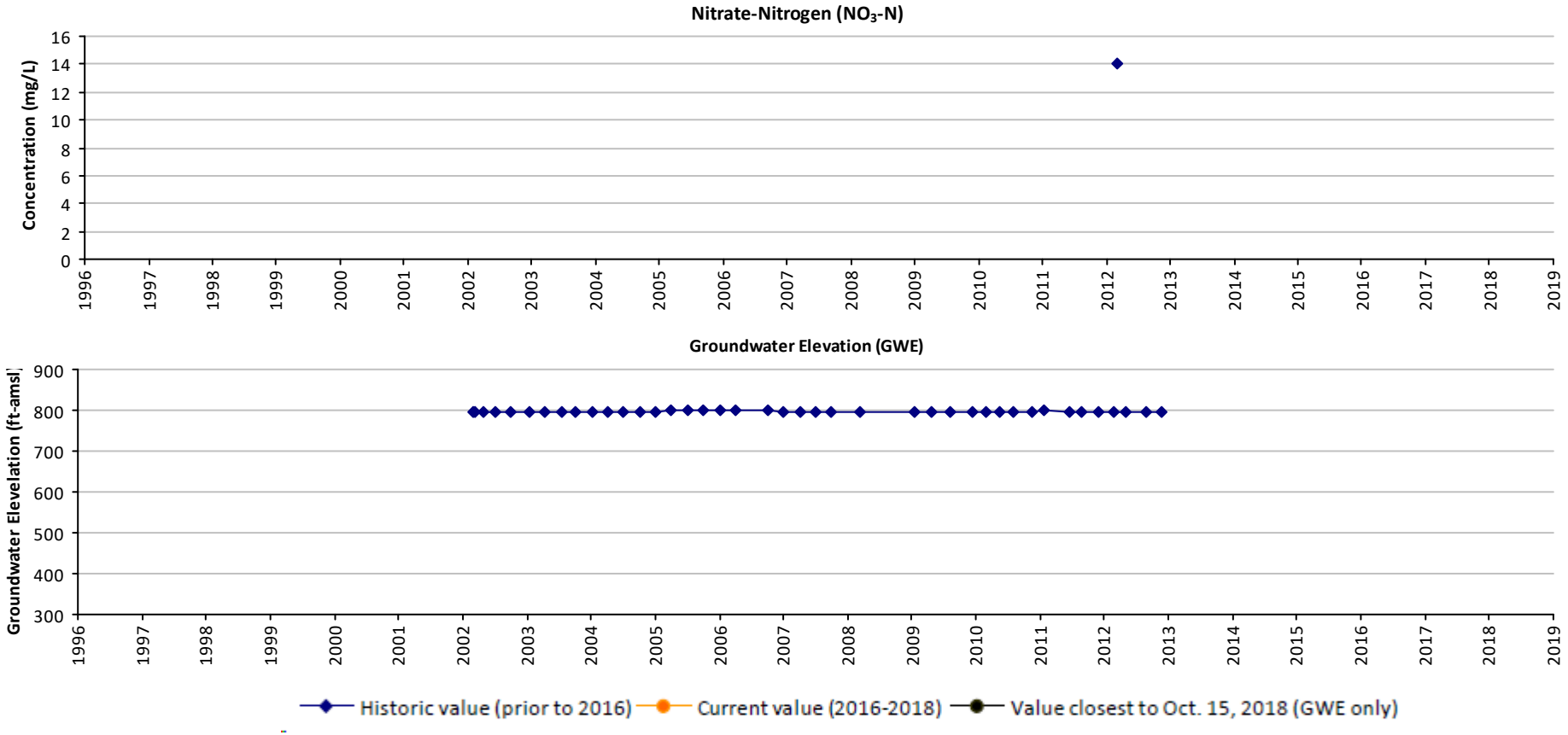
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

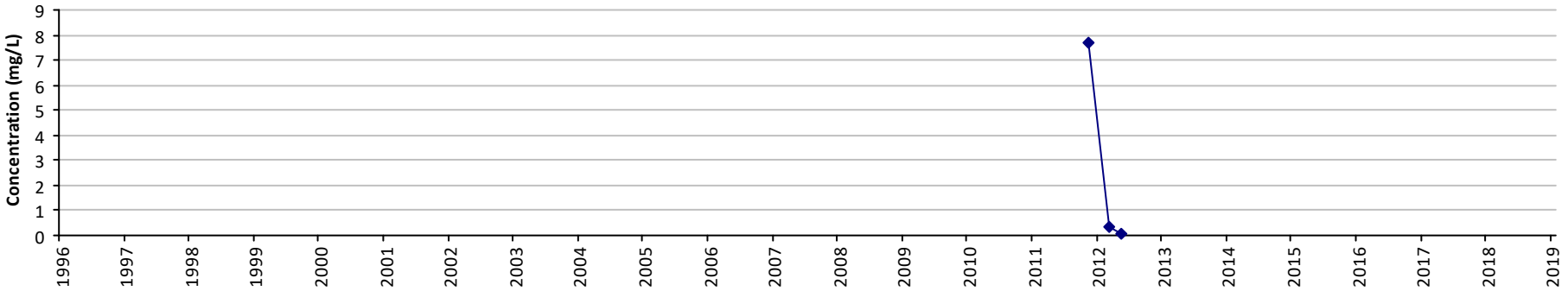


Total Dissolved Solids (TDS)

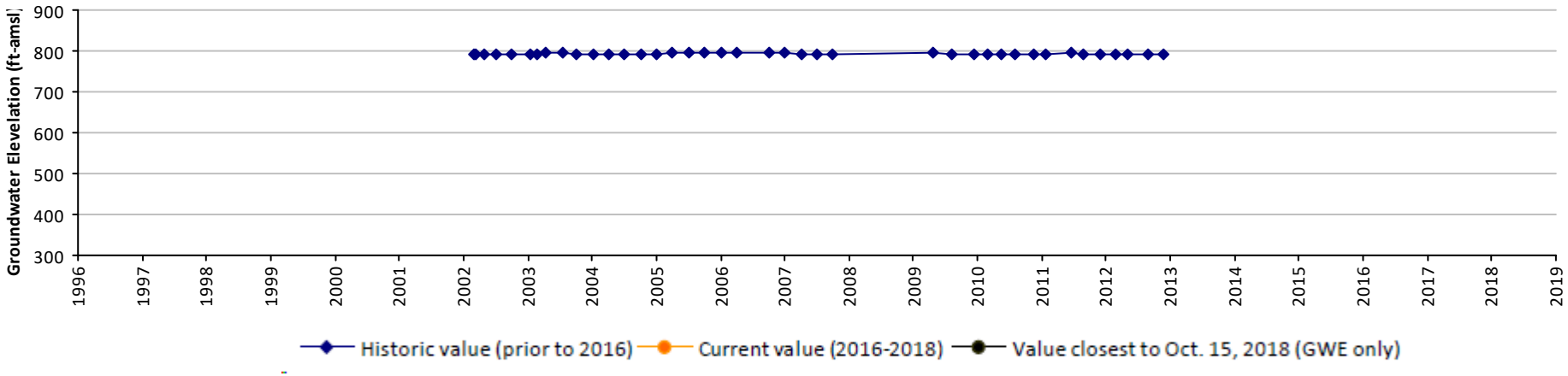


Total Dissolved Solids (TDS)

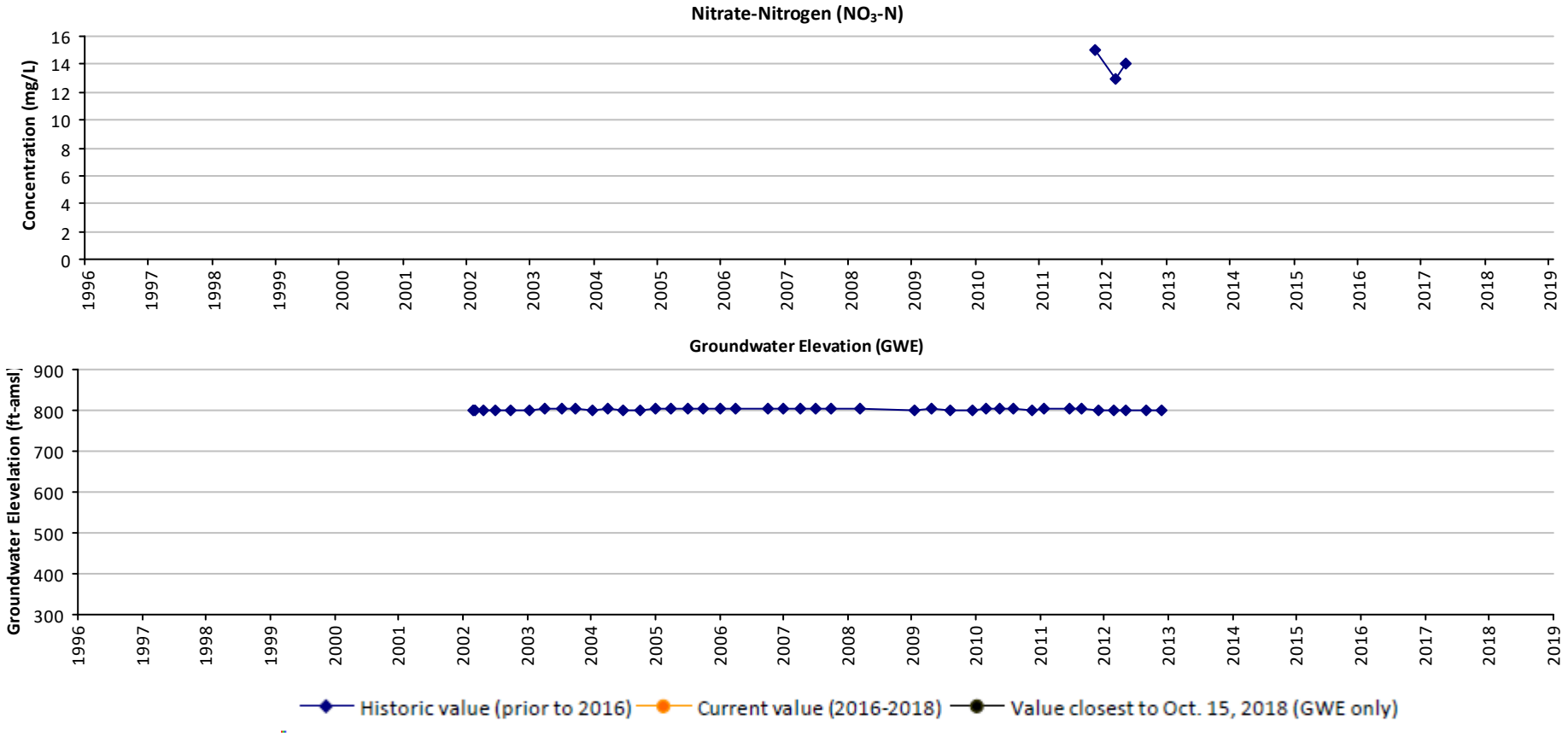
Nitrate-Nitrogen (NO_3-N)



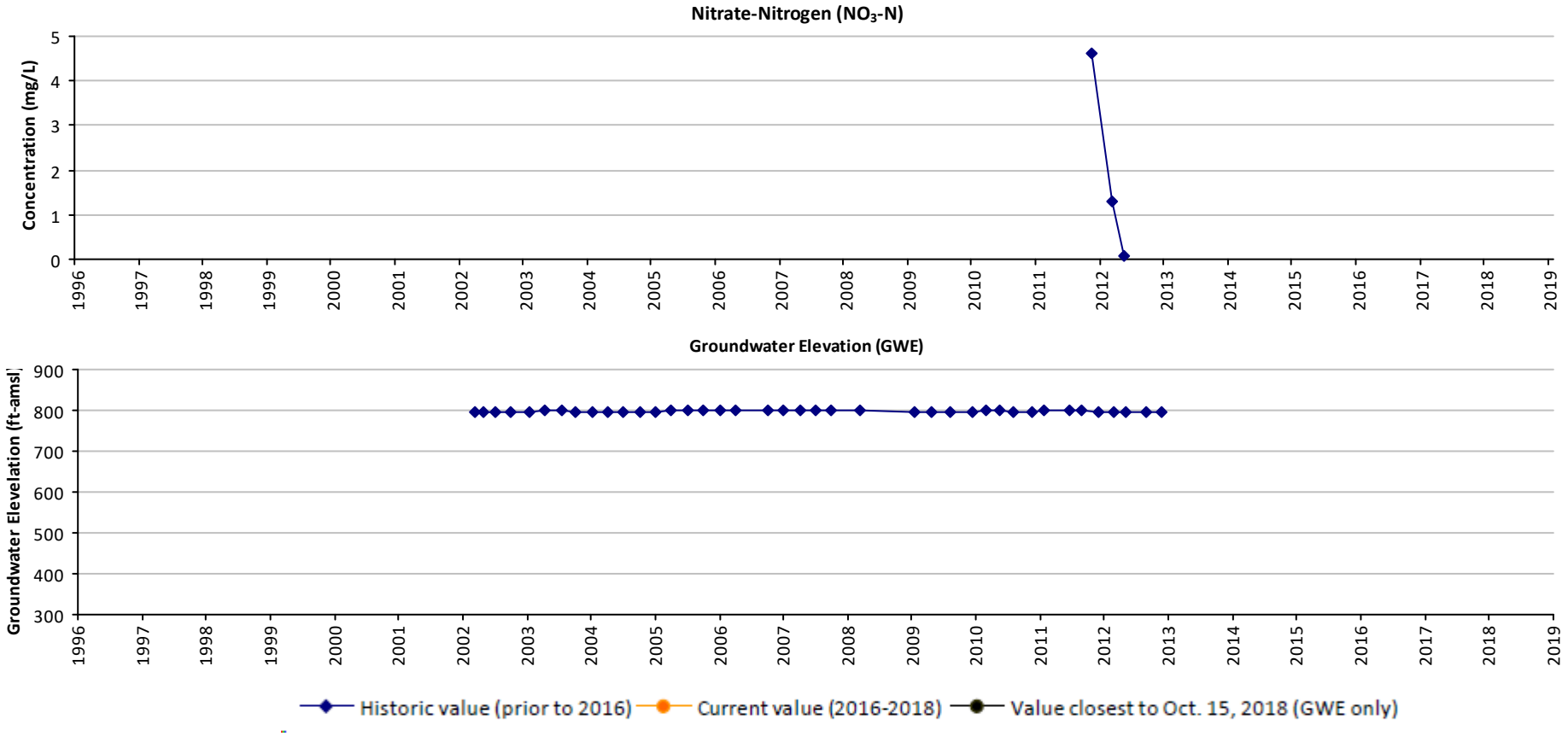
Groundwater Elevation (GWE)



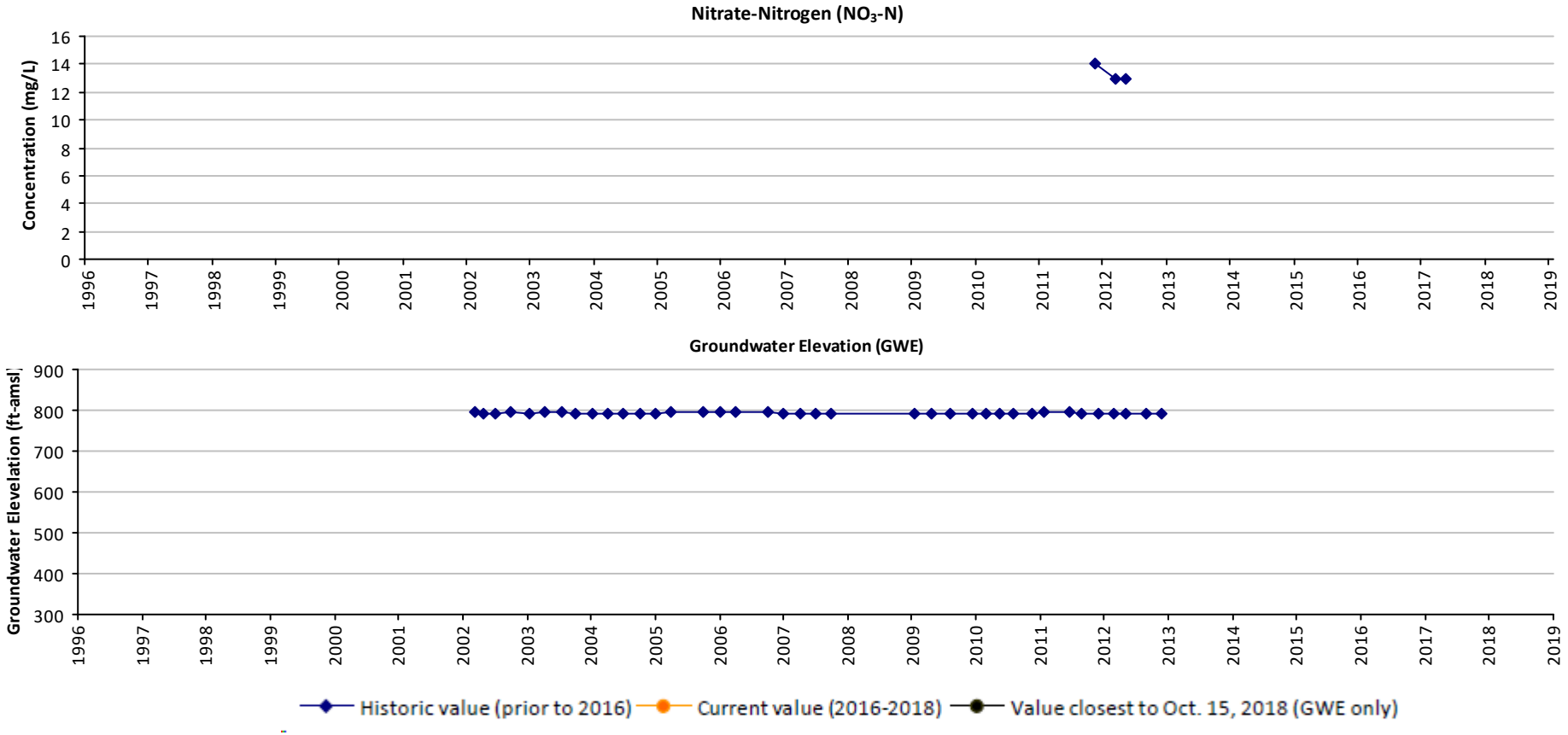
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

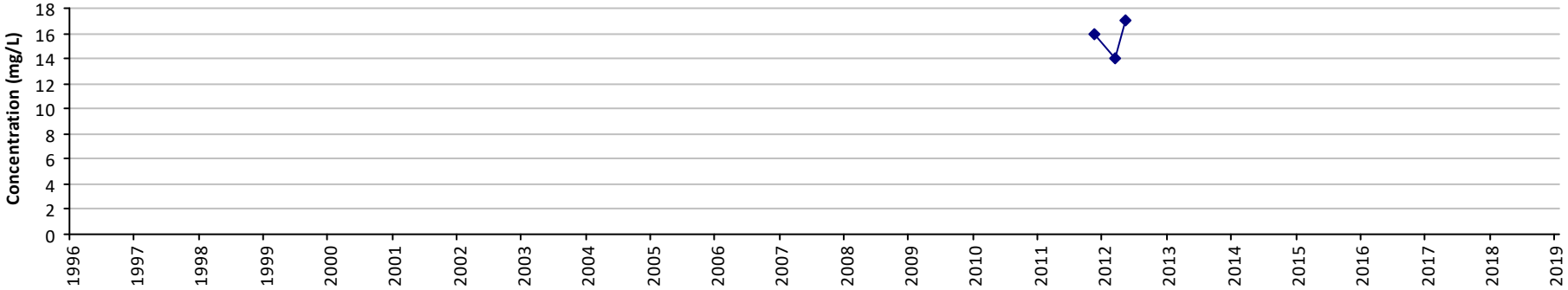


Total Dissolved Solids (TDS)

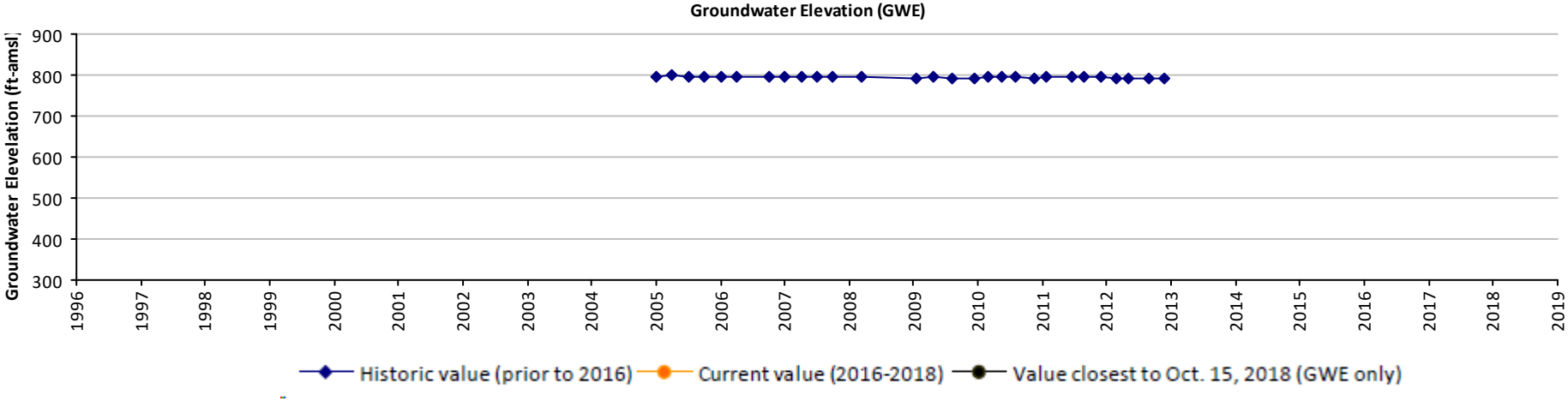


Total Dissolved Solids (TDS)

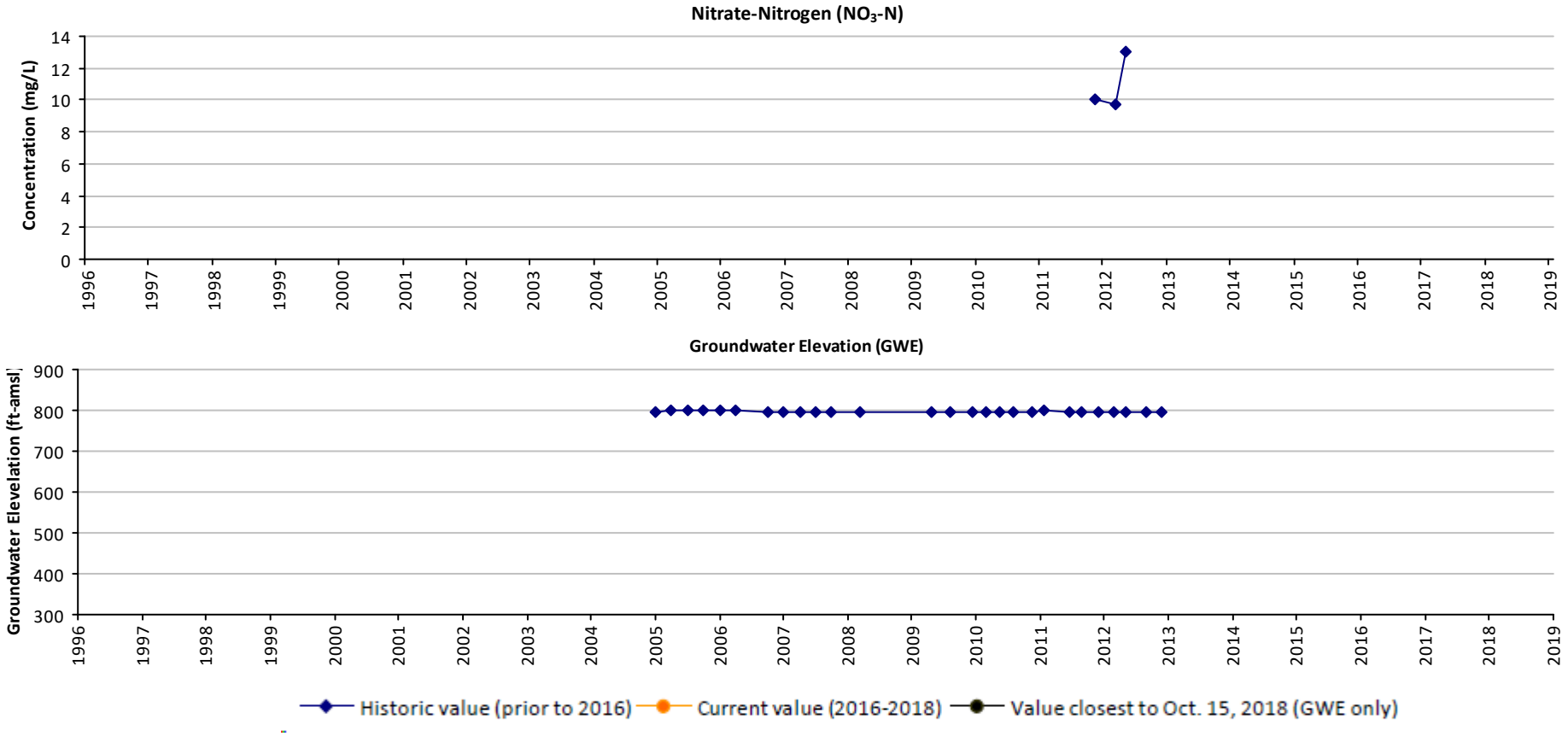
Nitrate-Nitrogen (NO_3-N)



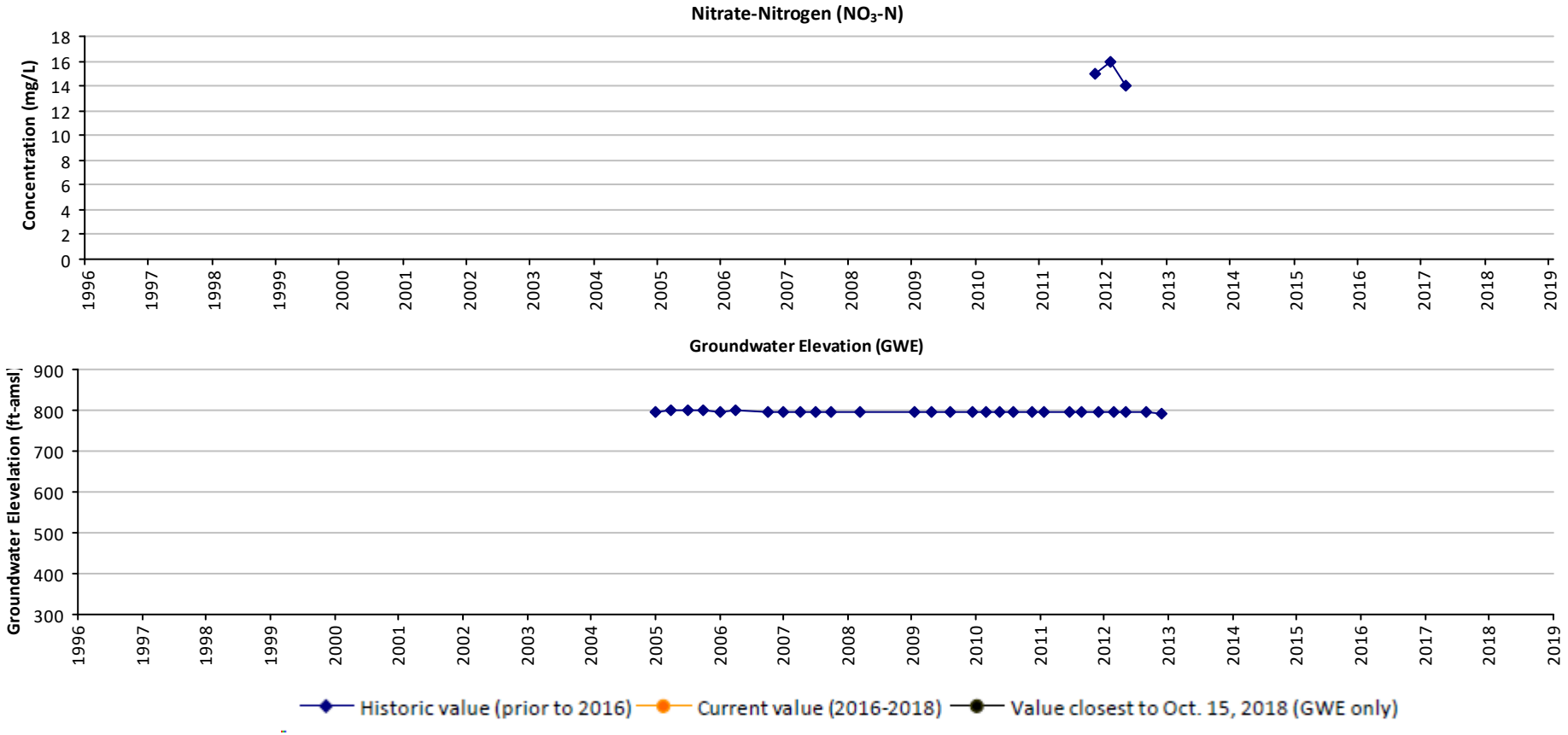
Groundwater Elevation (GWE)



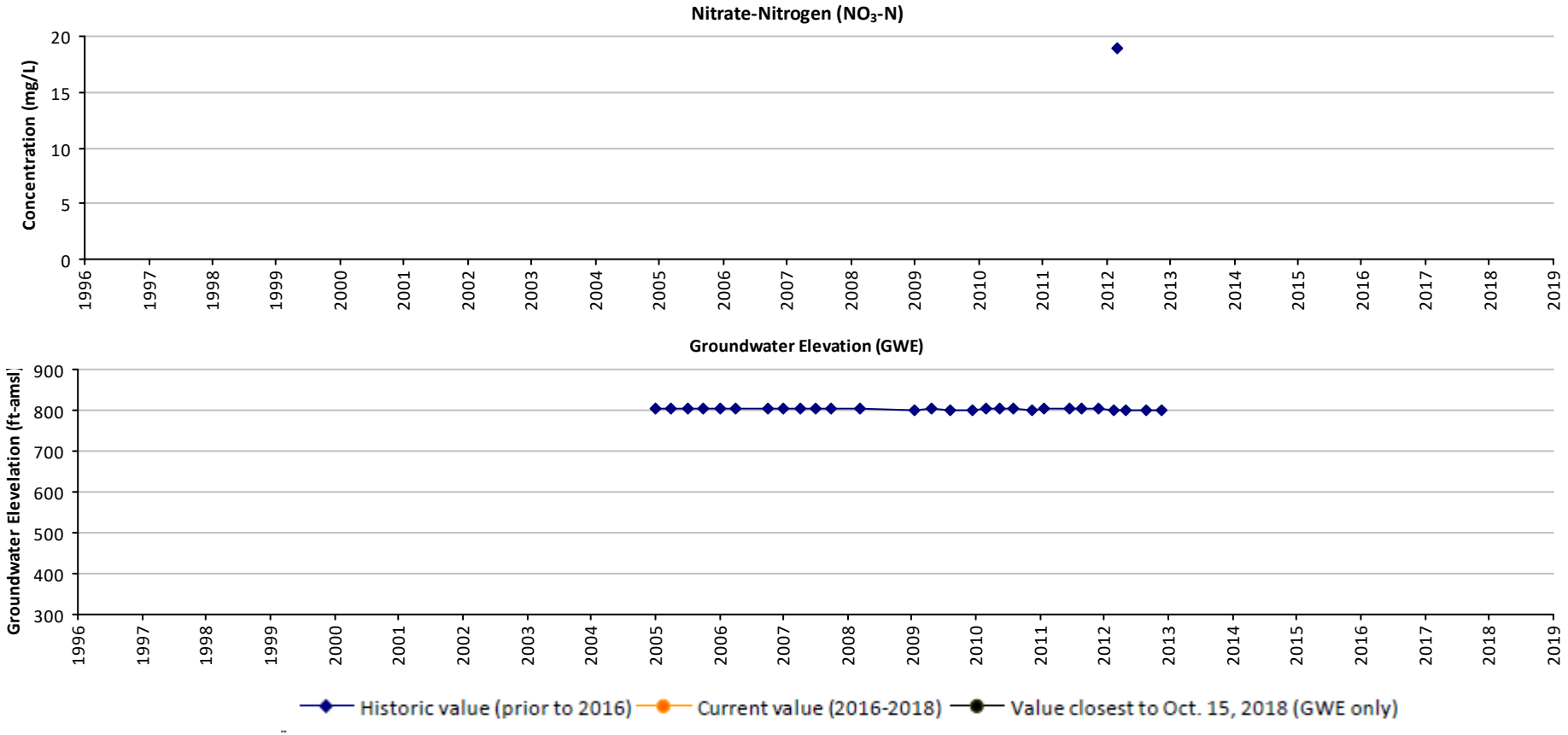
Total Dissolved Solids (TDS)



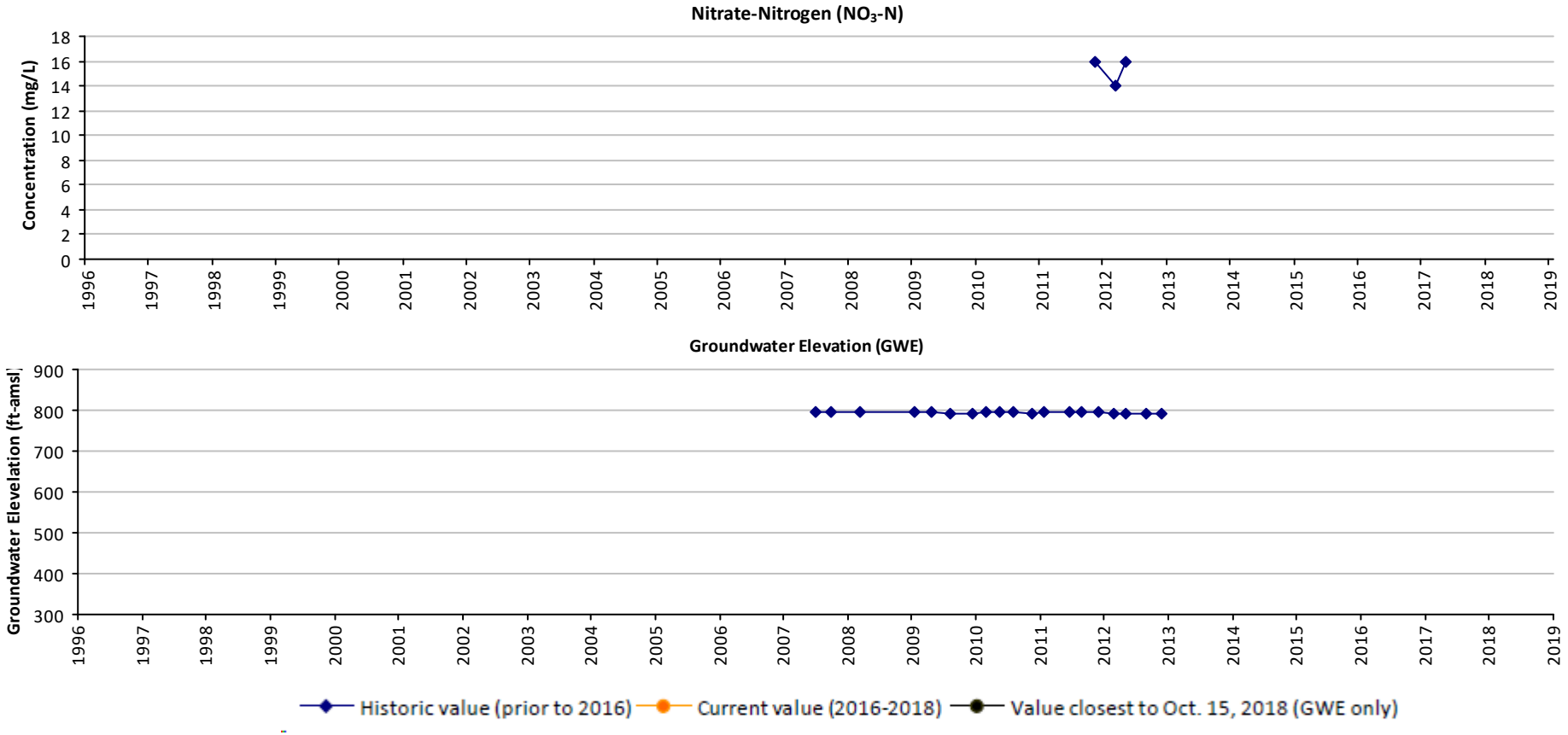
Total Dissolved Solids (TDS)



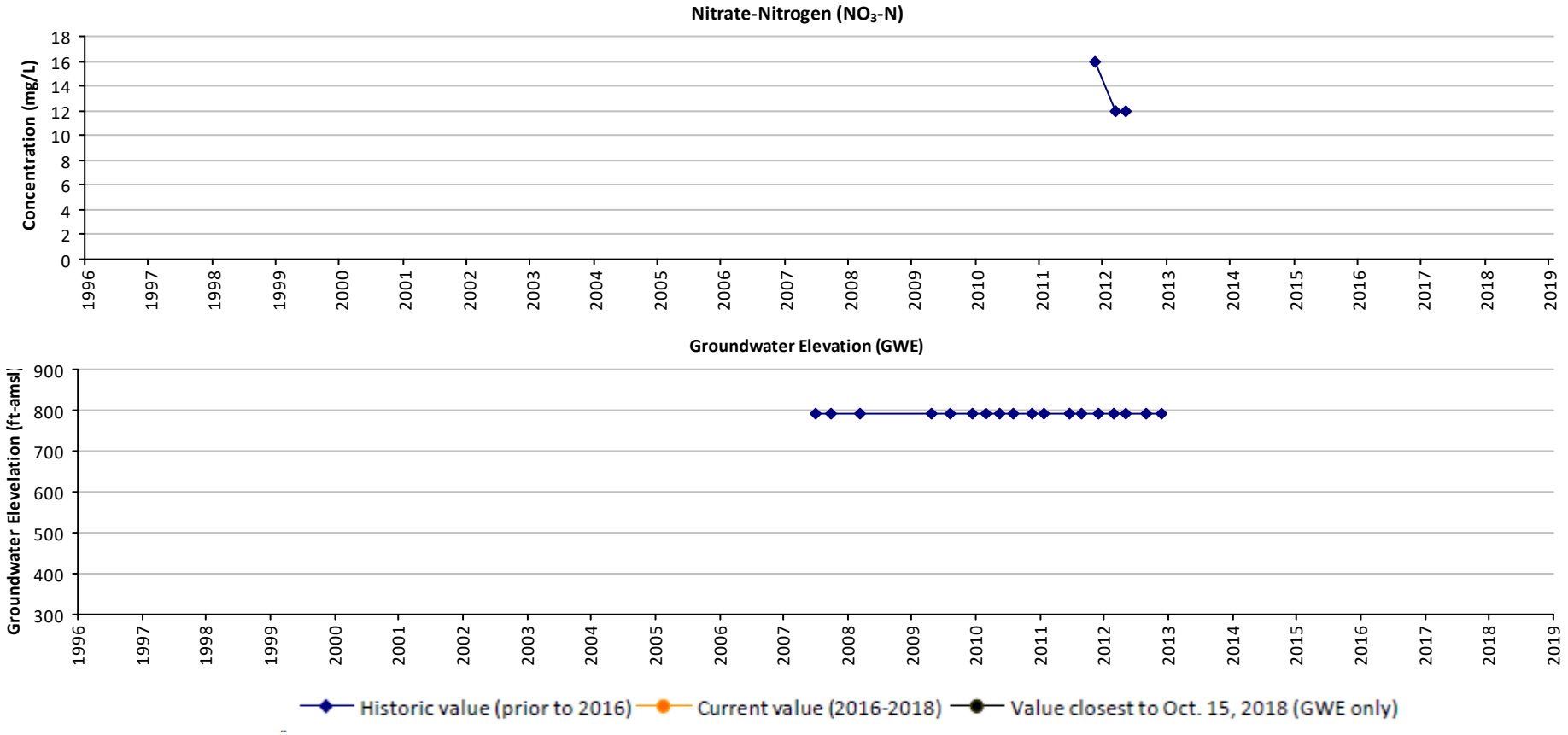
Total Dissolved Solids (TDS)



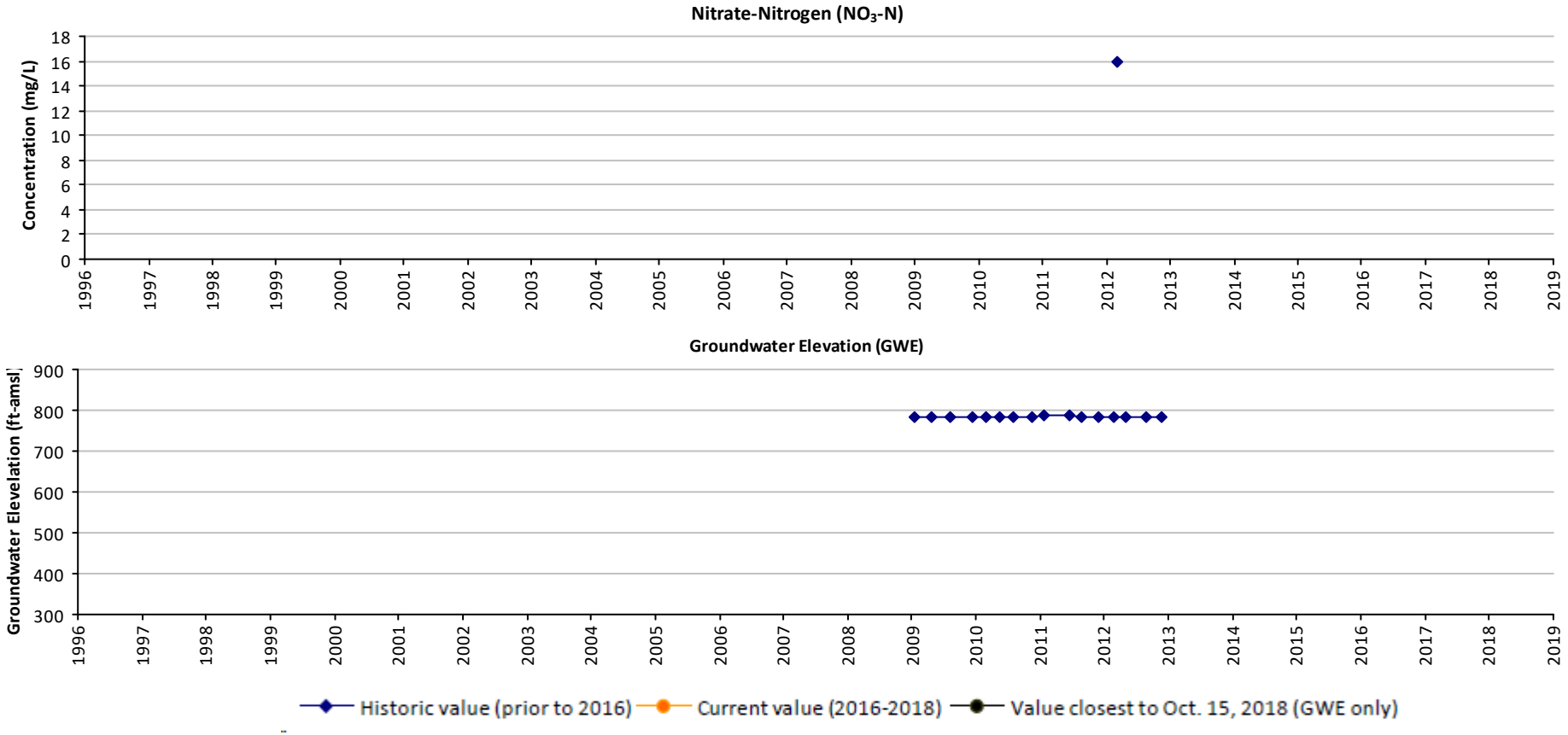
Total Dissolved Solids (TDS)



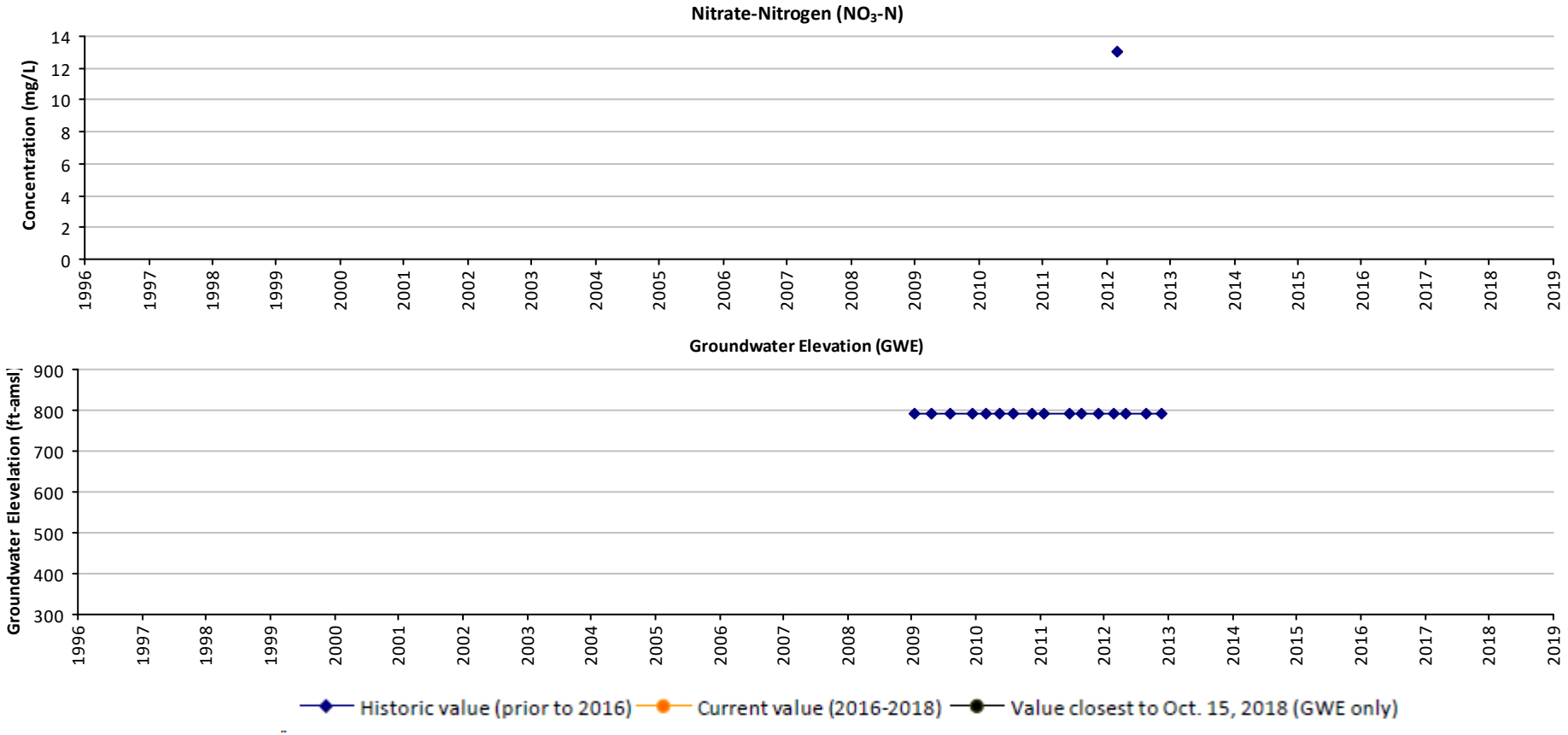
Total Dissolved Solids (TDS)



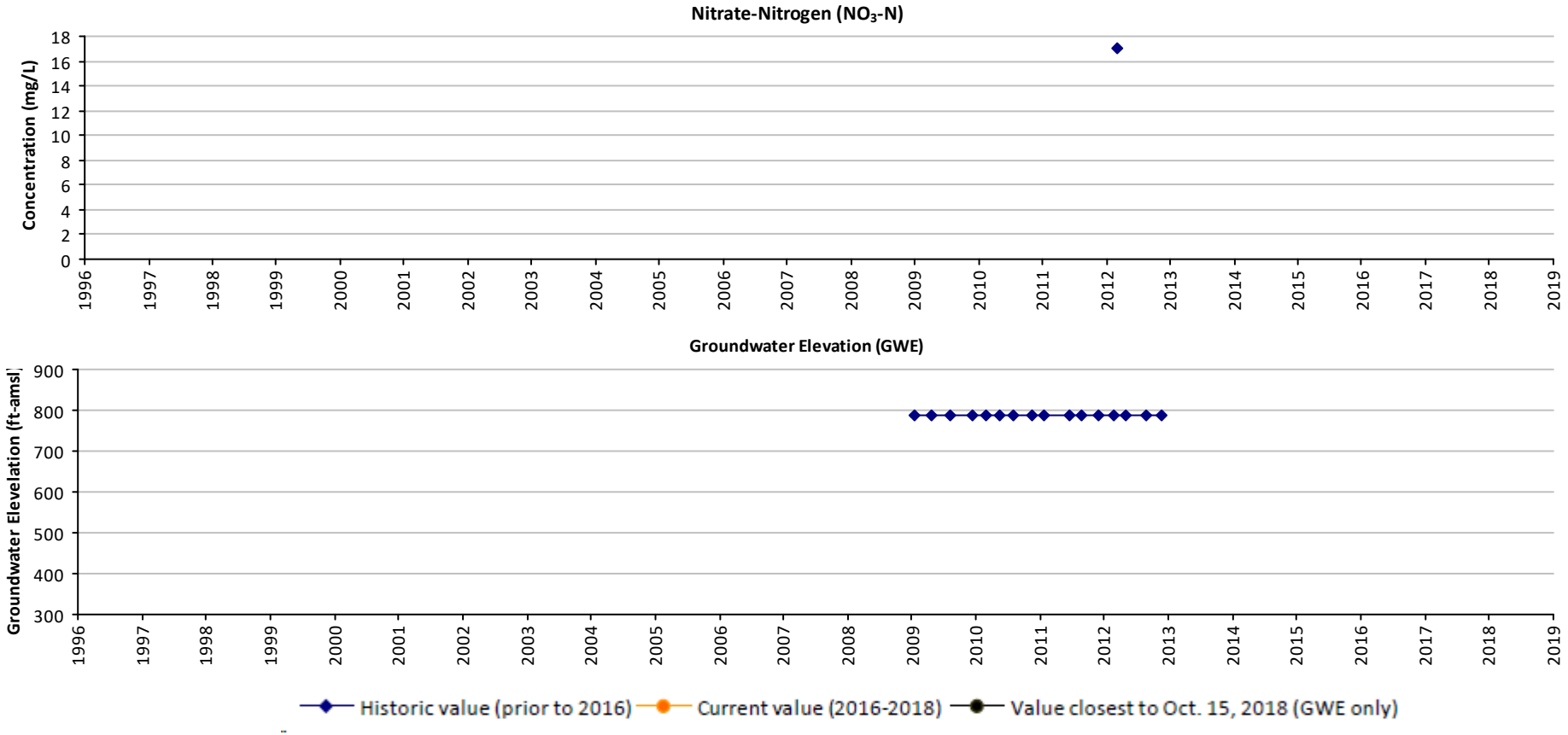
Total Dissolved Solids (TDS)



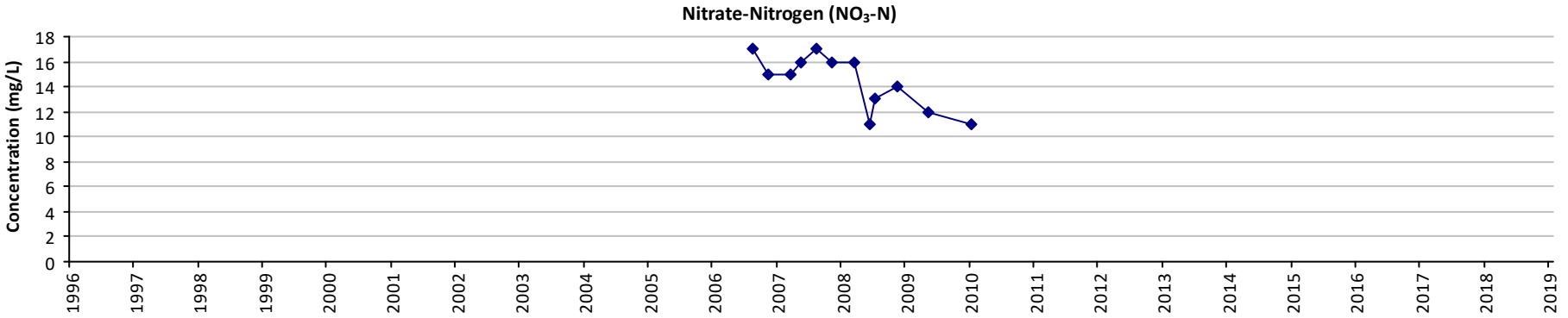
Total Dissolved Solids (TDS)

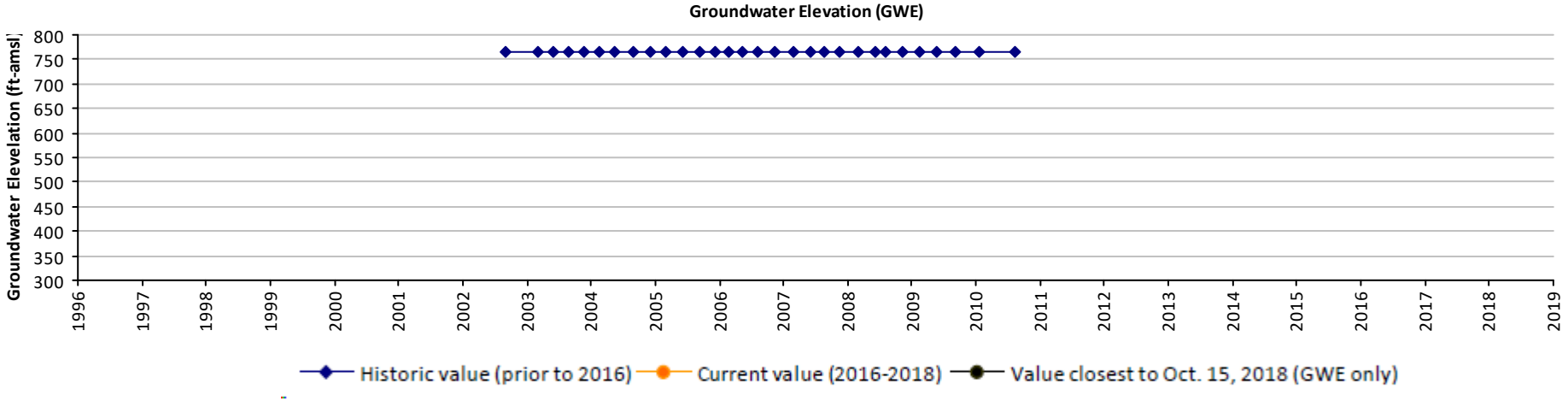


Total Dissolved Solids (TDS)

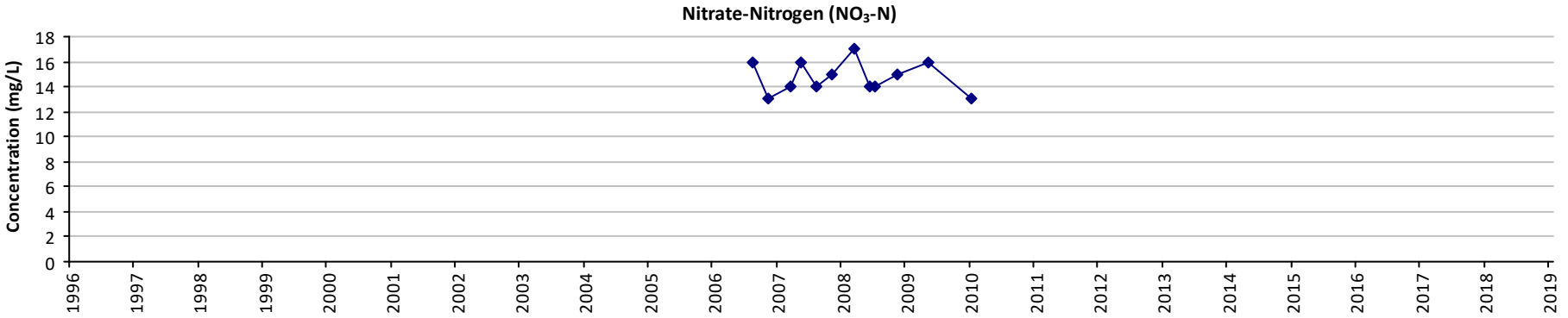


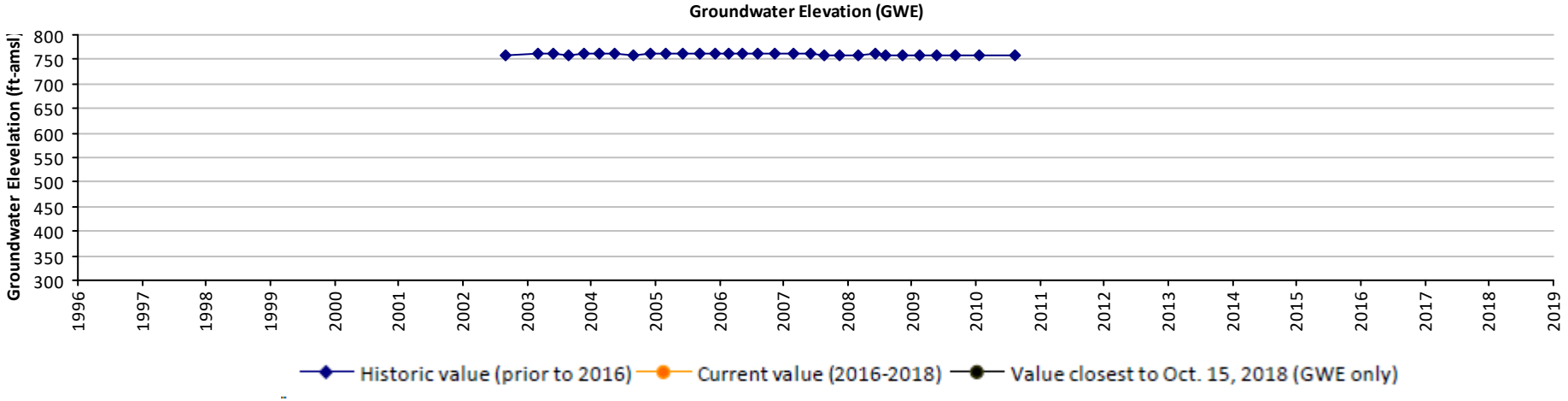
Total Dissolved Solids (TDS)



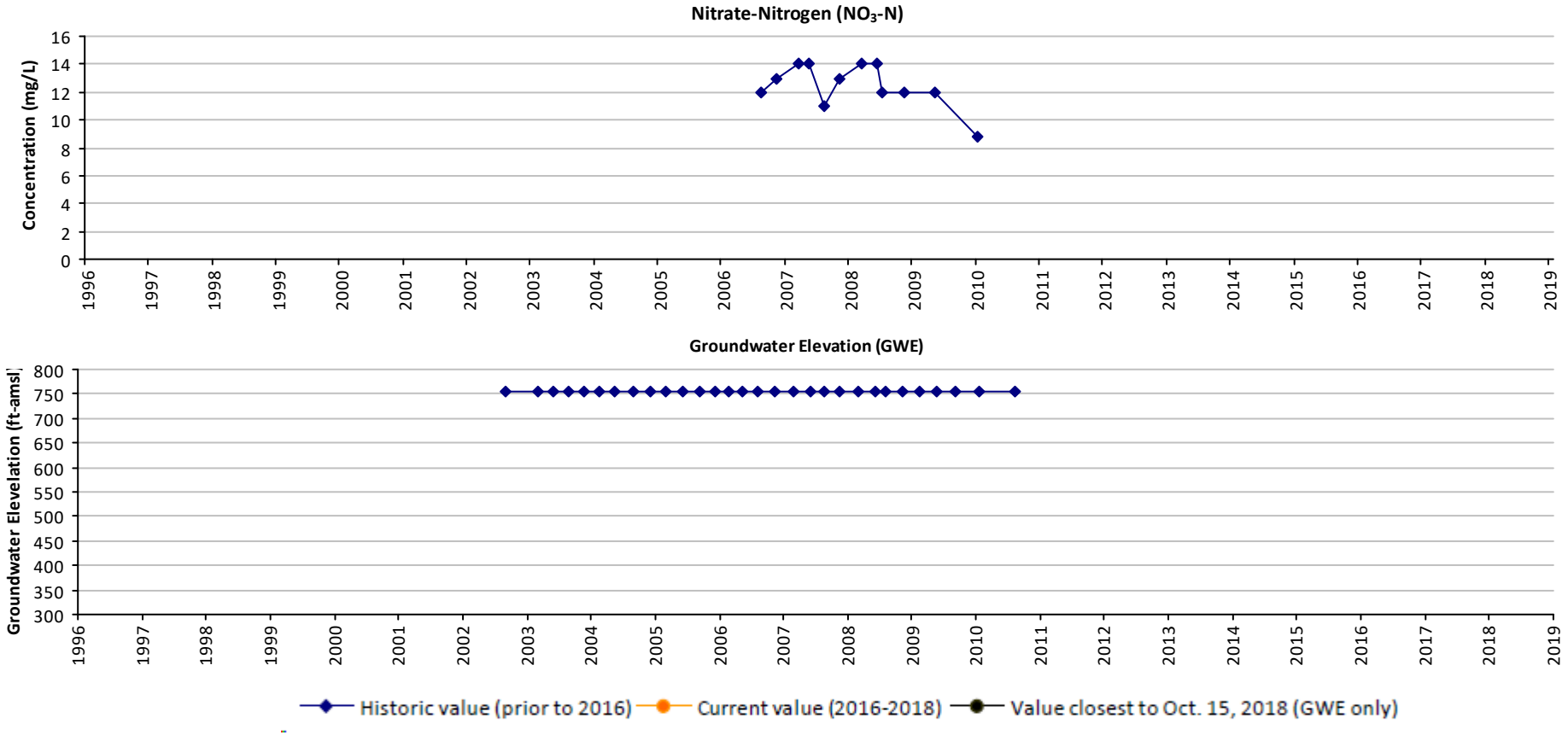


Total Dissolved Solids (TDS)

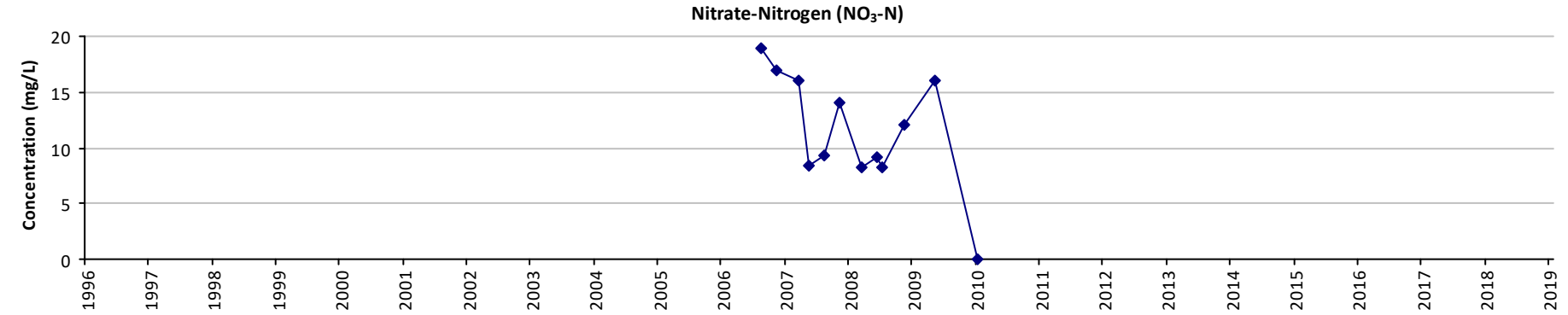


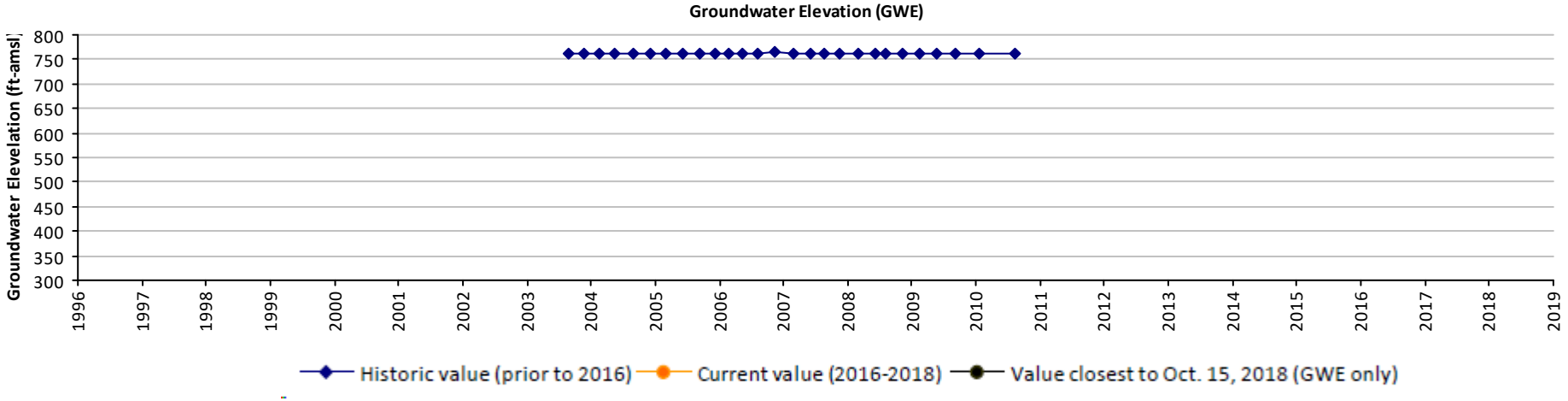


Total Dissolved Solids (TDS)

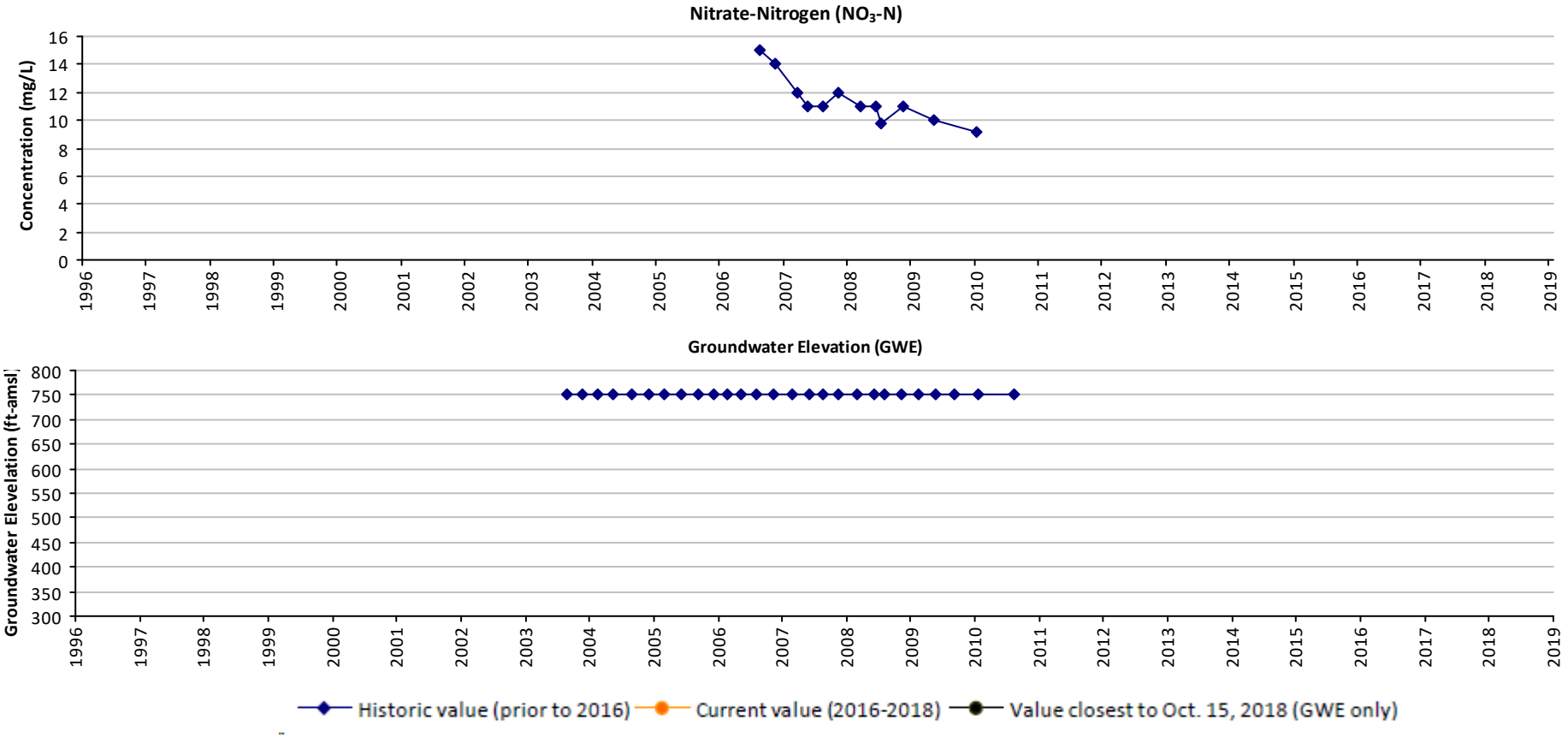


Total Dissolved Solids (TDS)

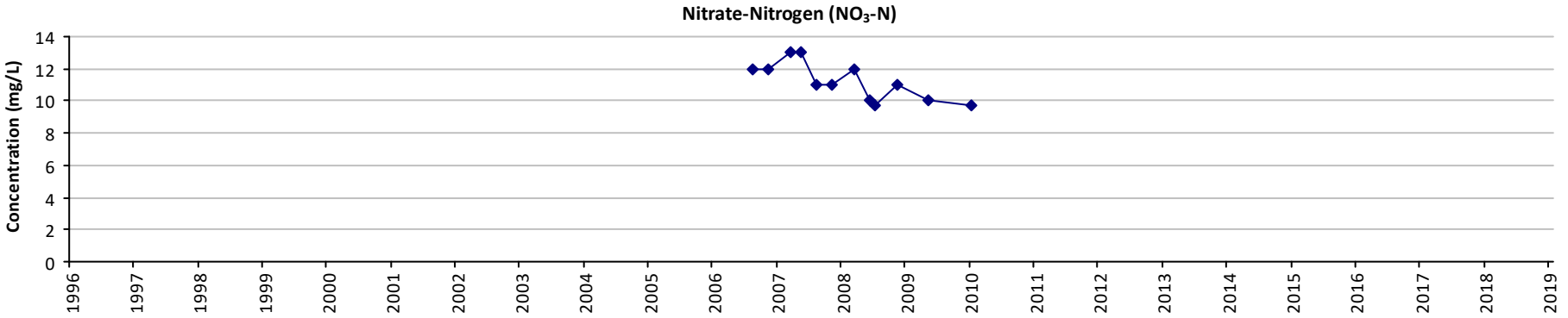


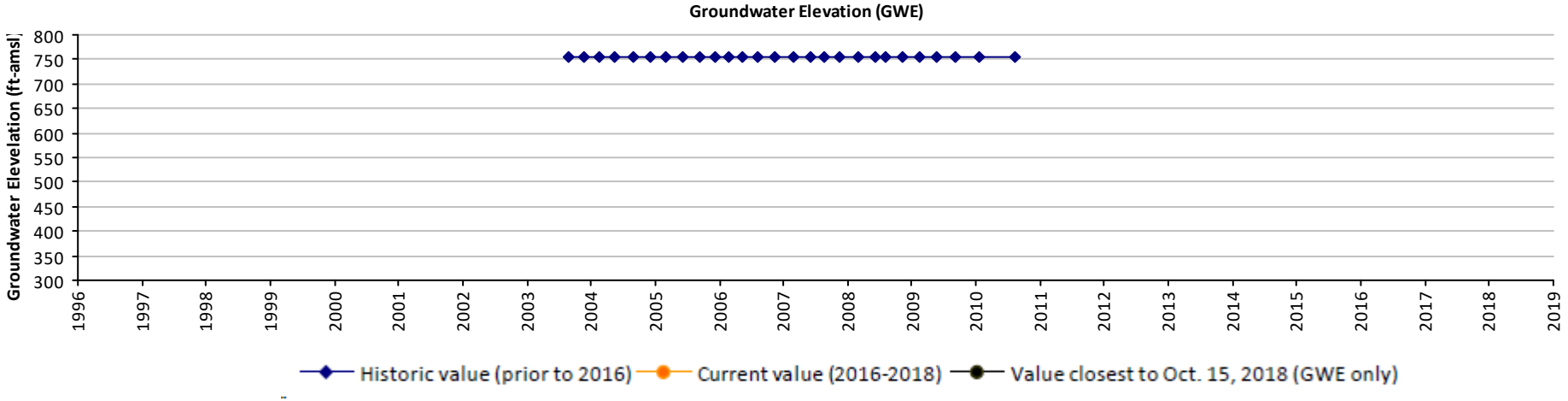


Total Dissolved Solids (TDS)

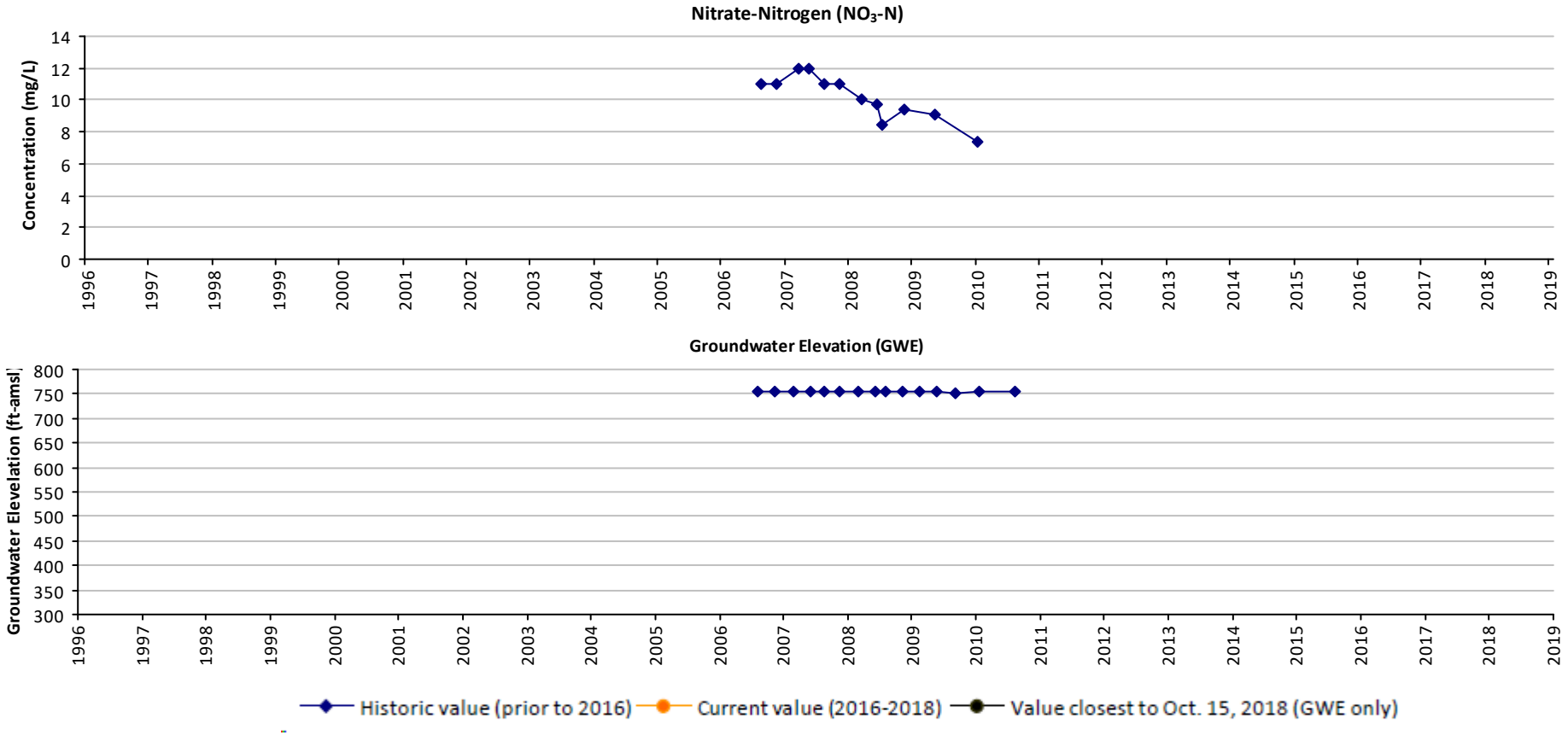


Total Dissolved Solids (TDS)

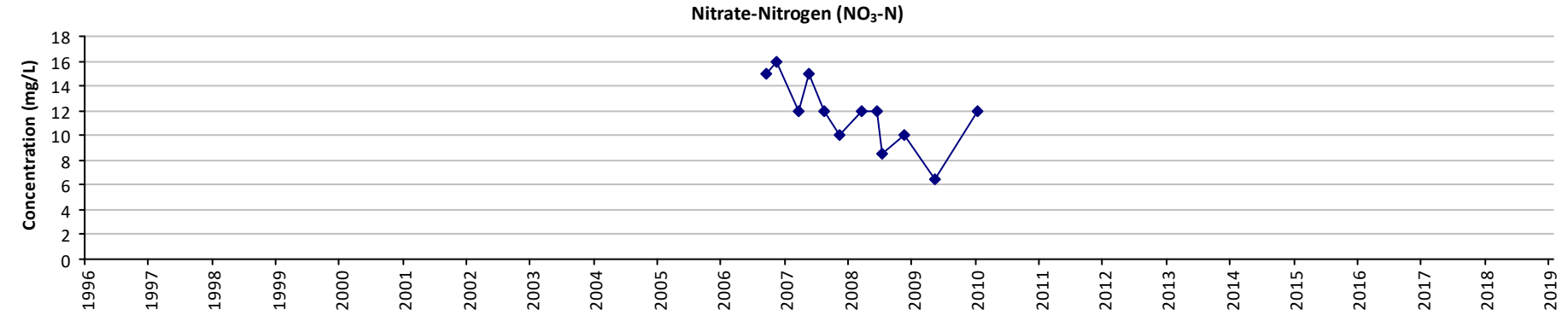


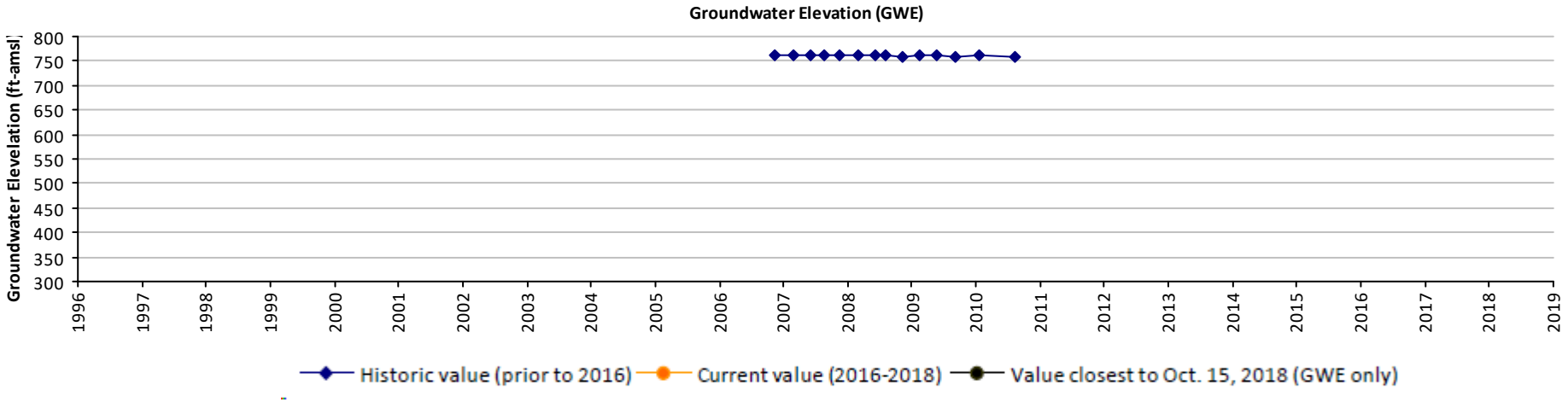


Total Dissolved Solids (TDS)

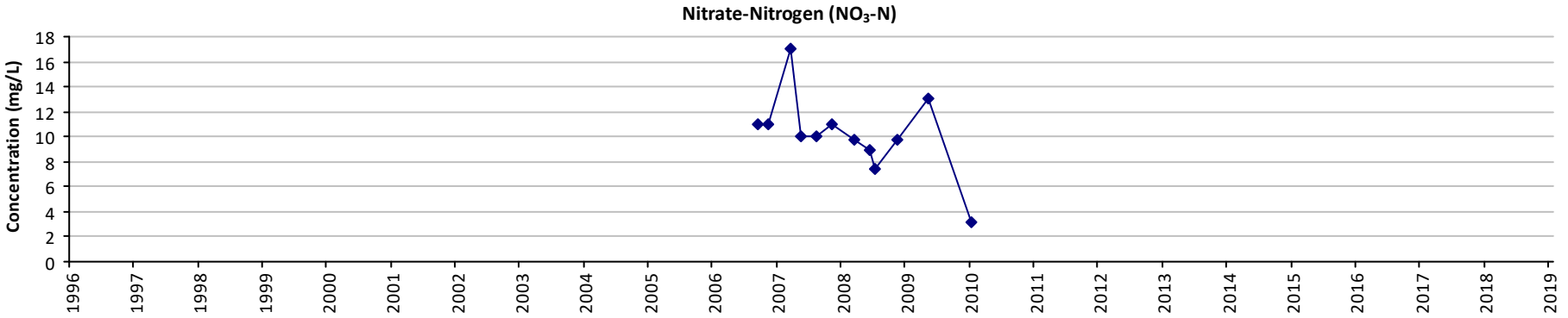


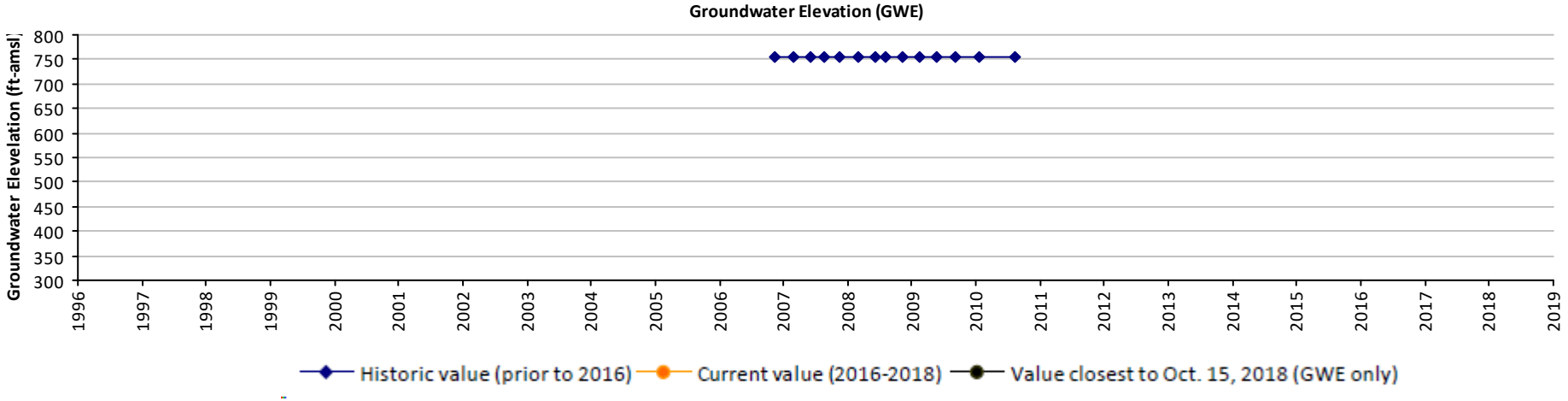
Total Dissolved Solids (TDS)



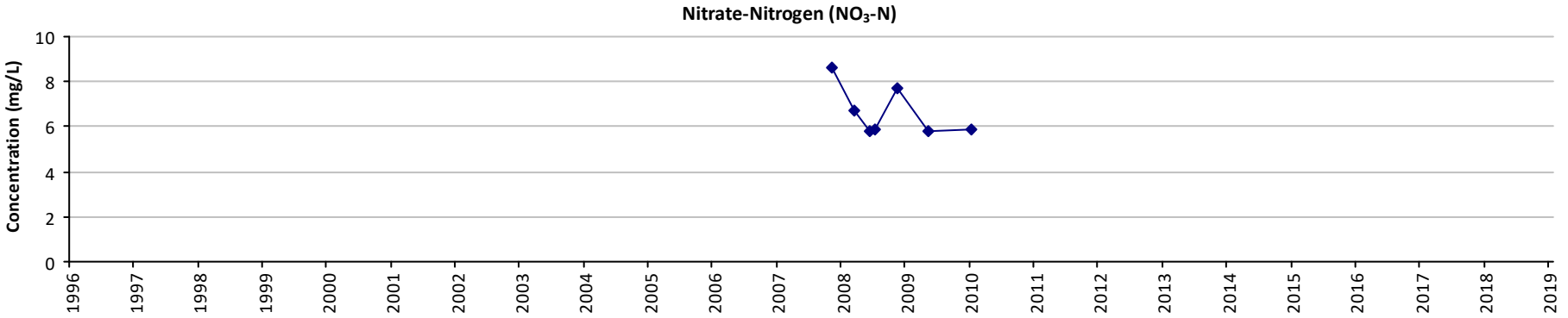


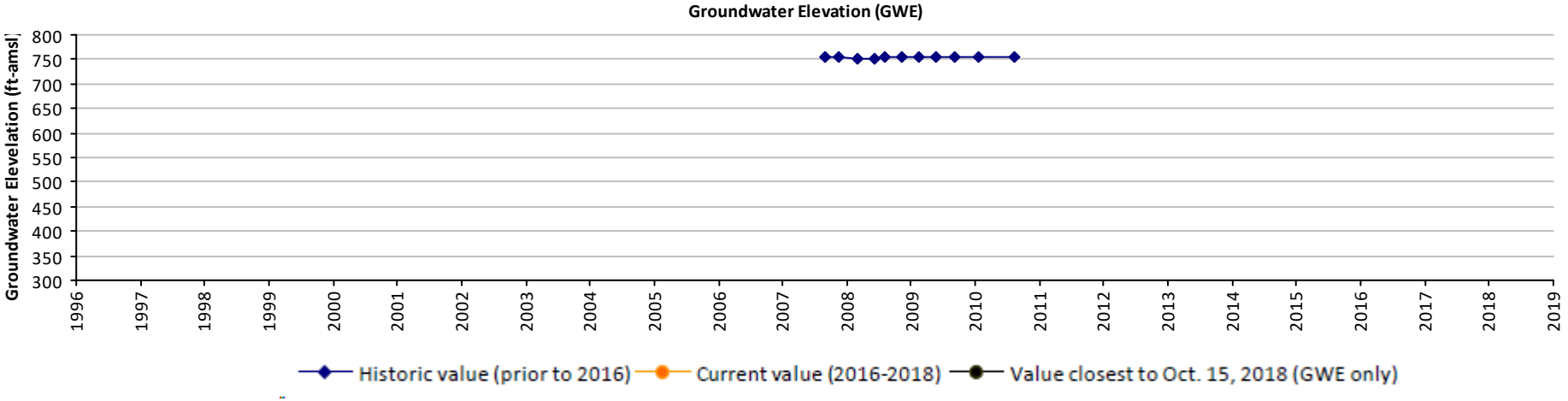
Total Dissolved Solids (TDS)

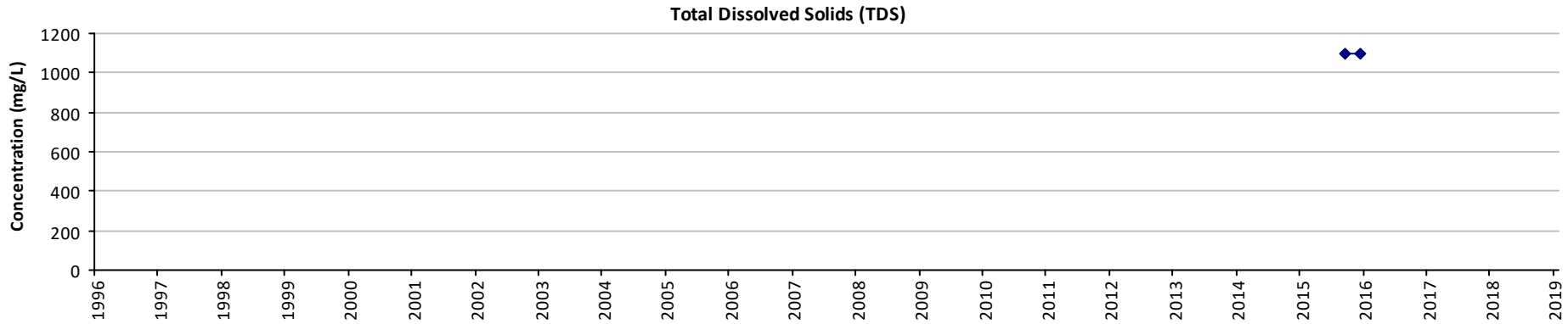


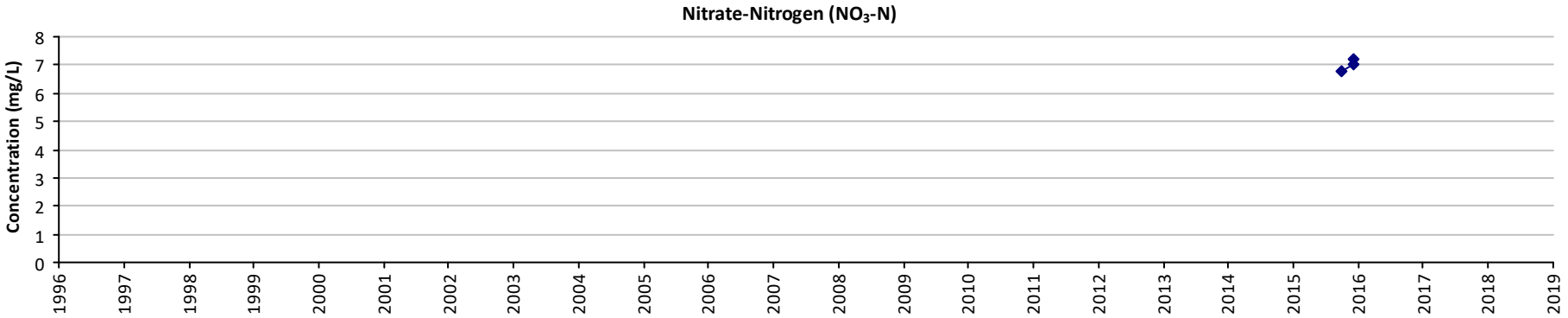


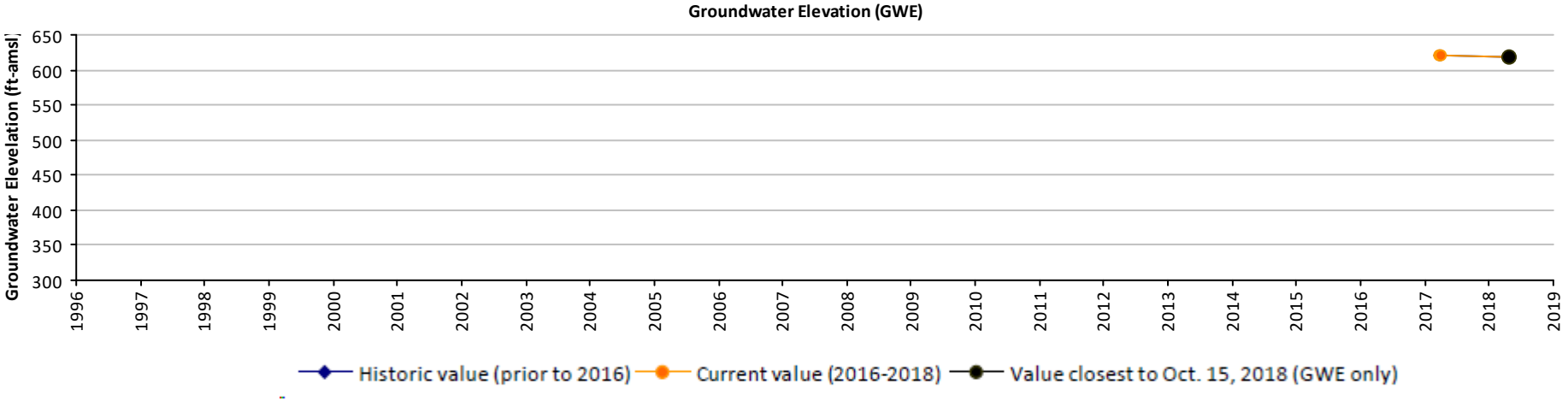
Total Dissolved Solids (TDS)

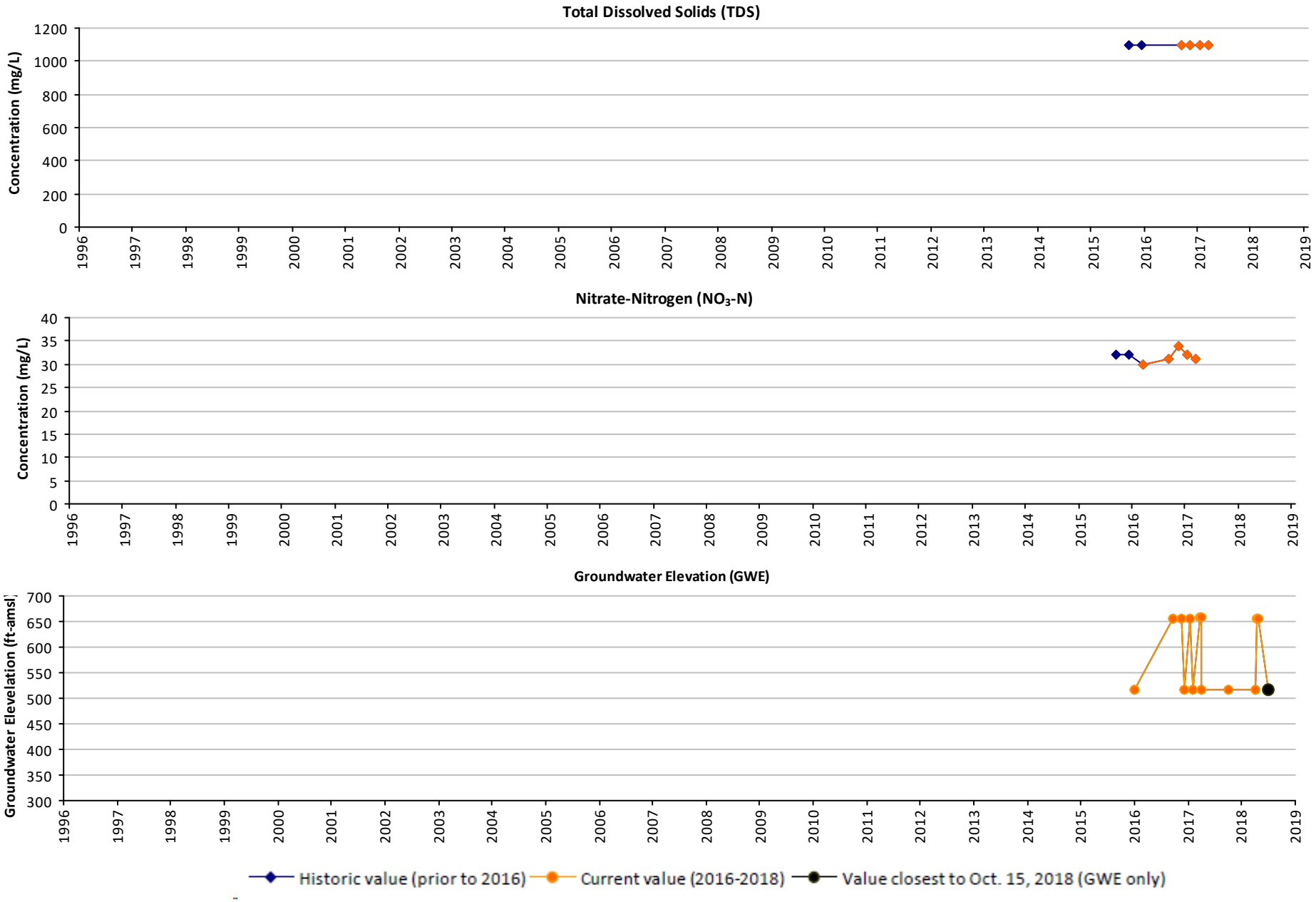


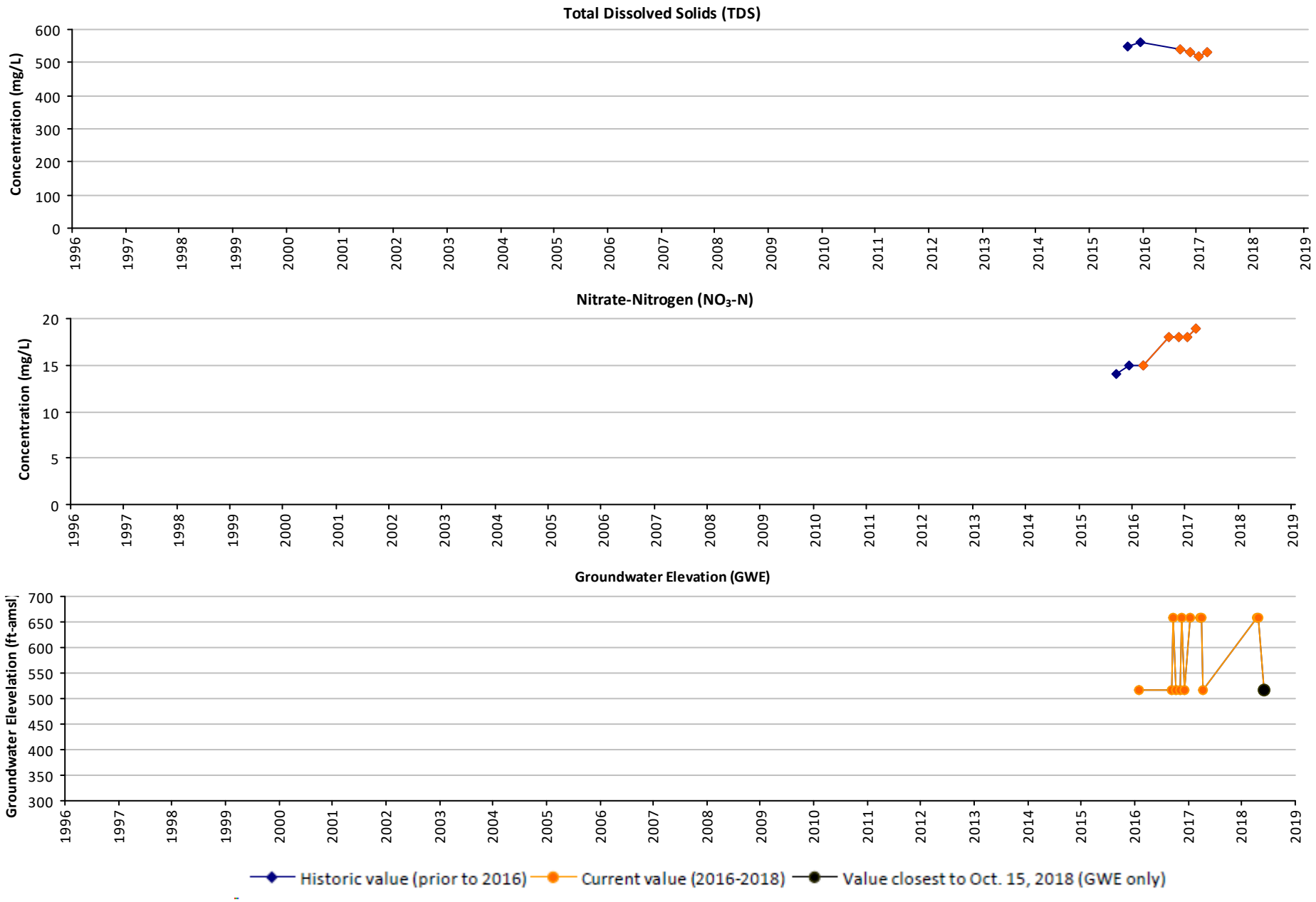


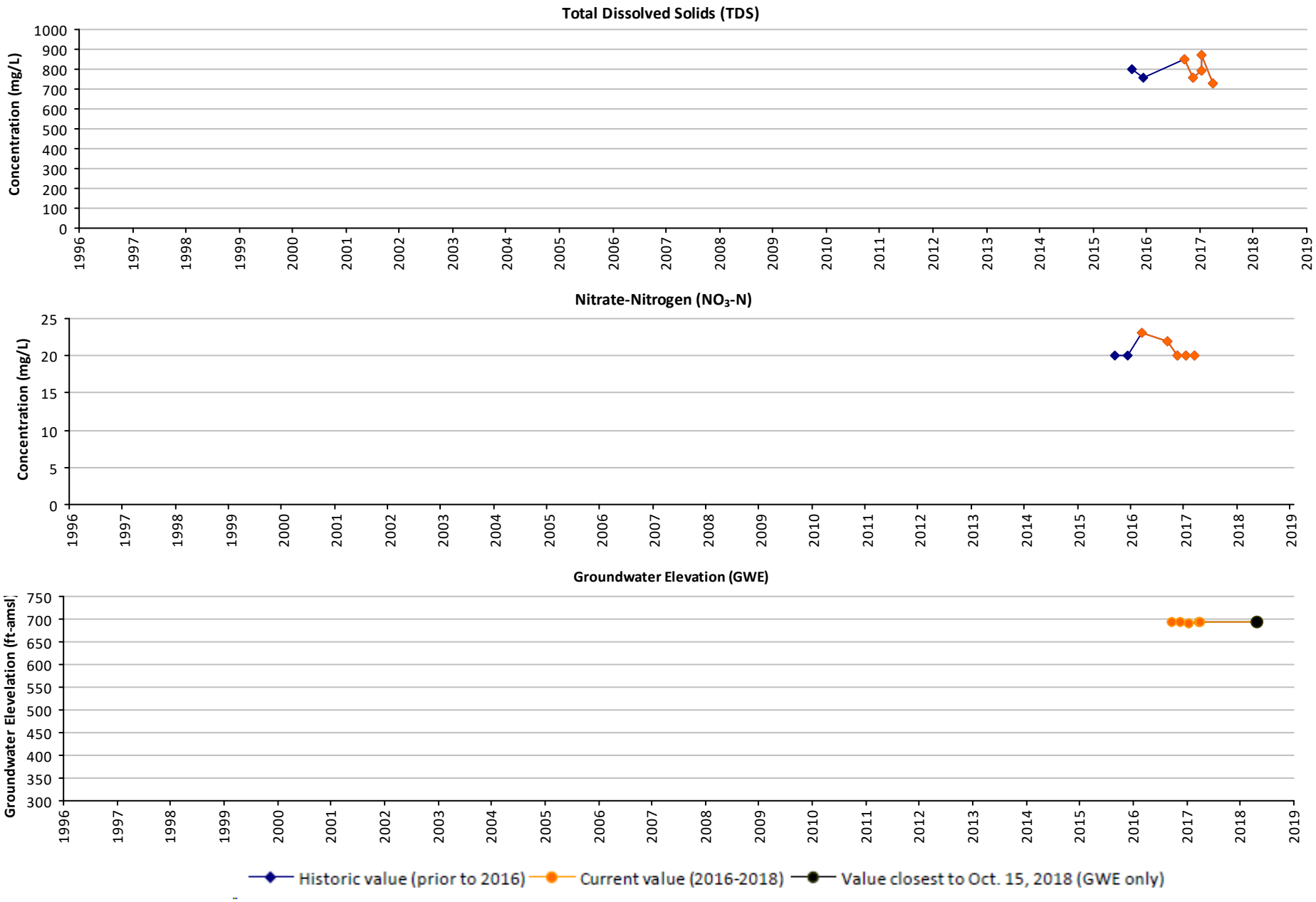

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

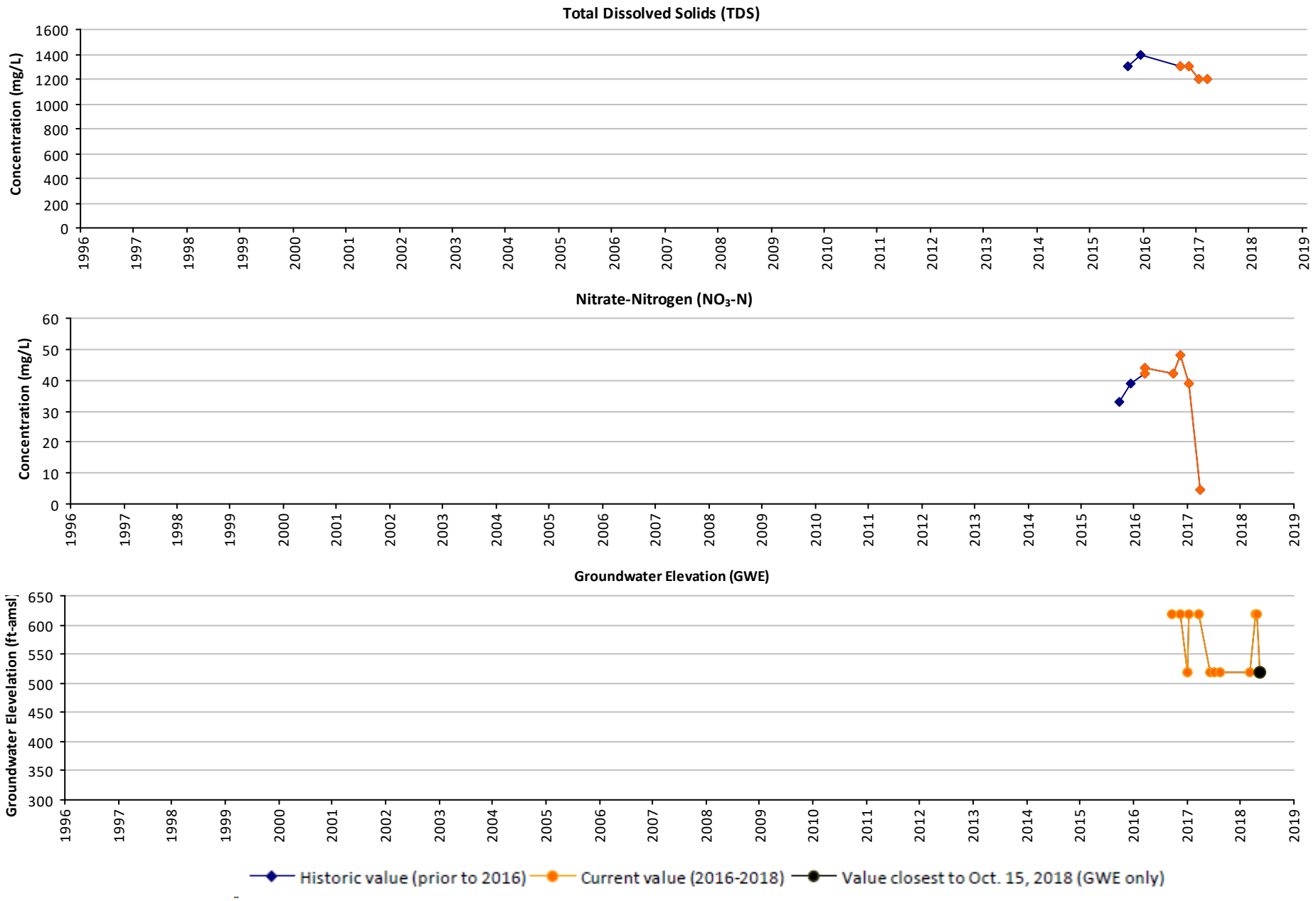

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

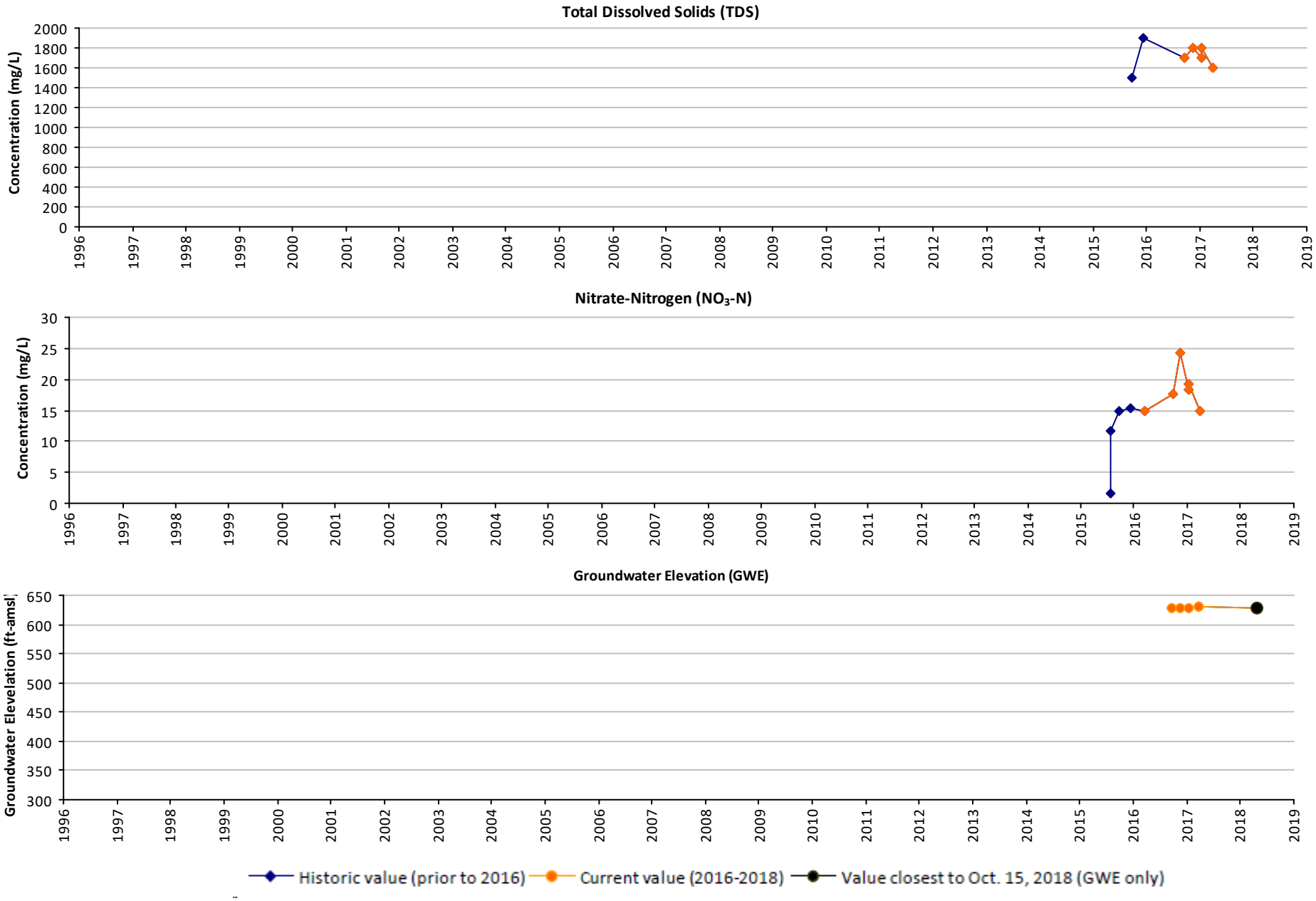

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

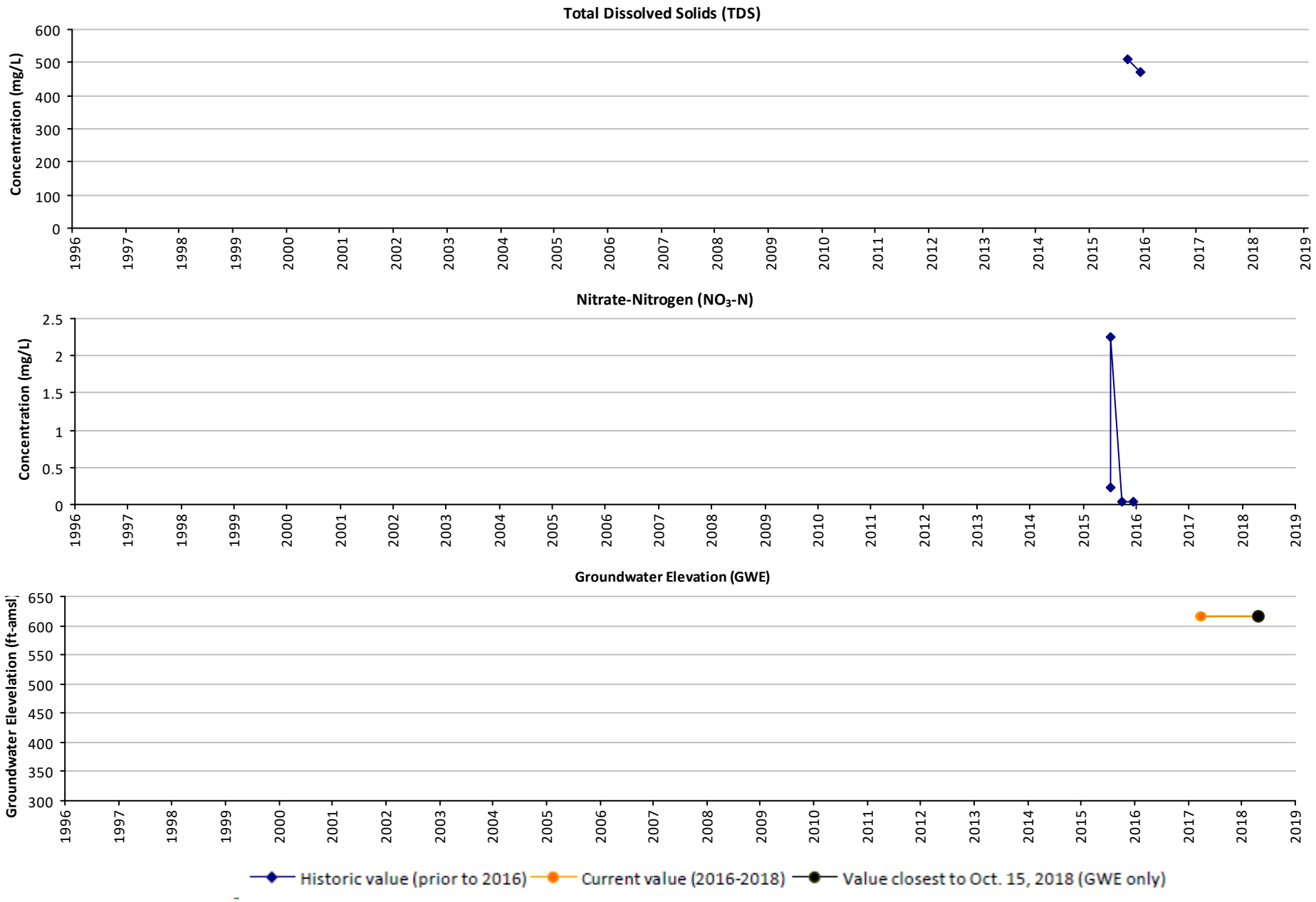

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

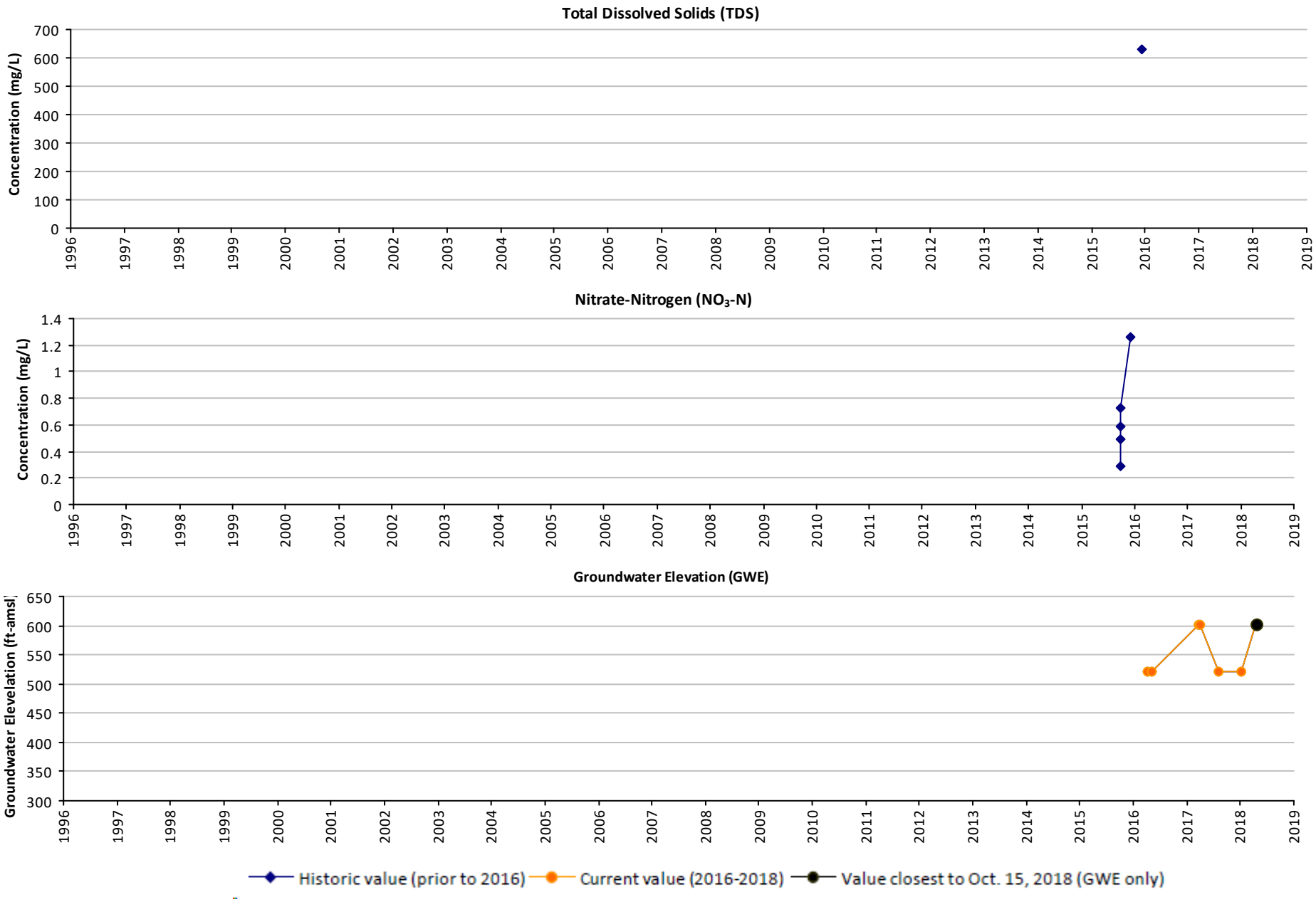

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

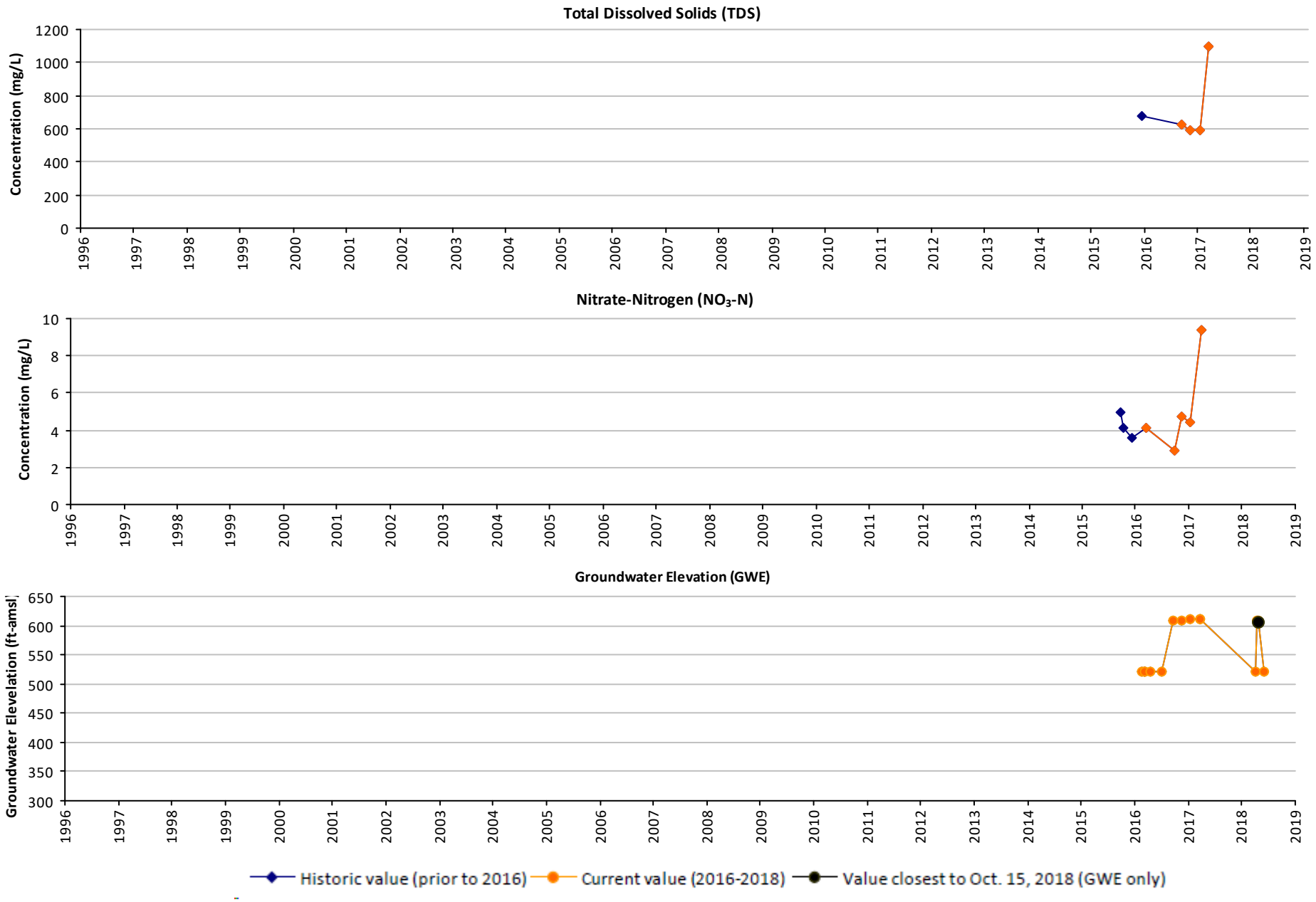

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

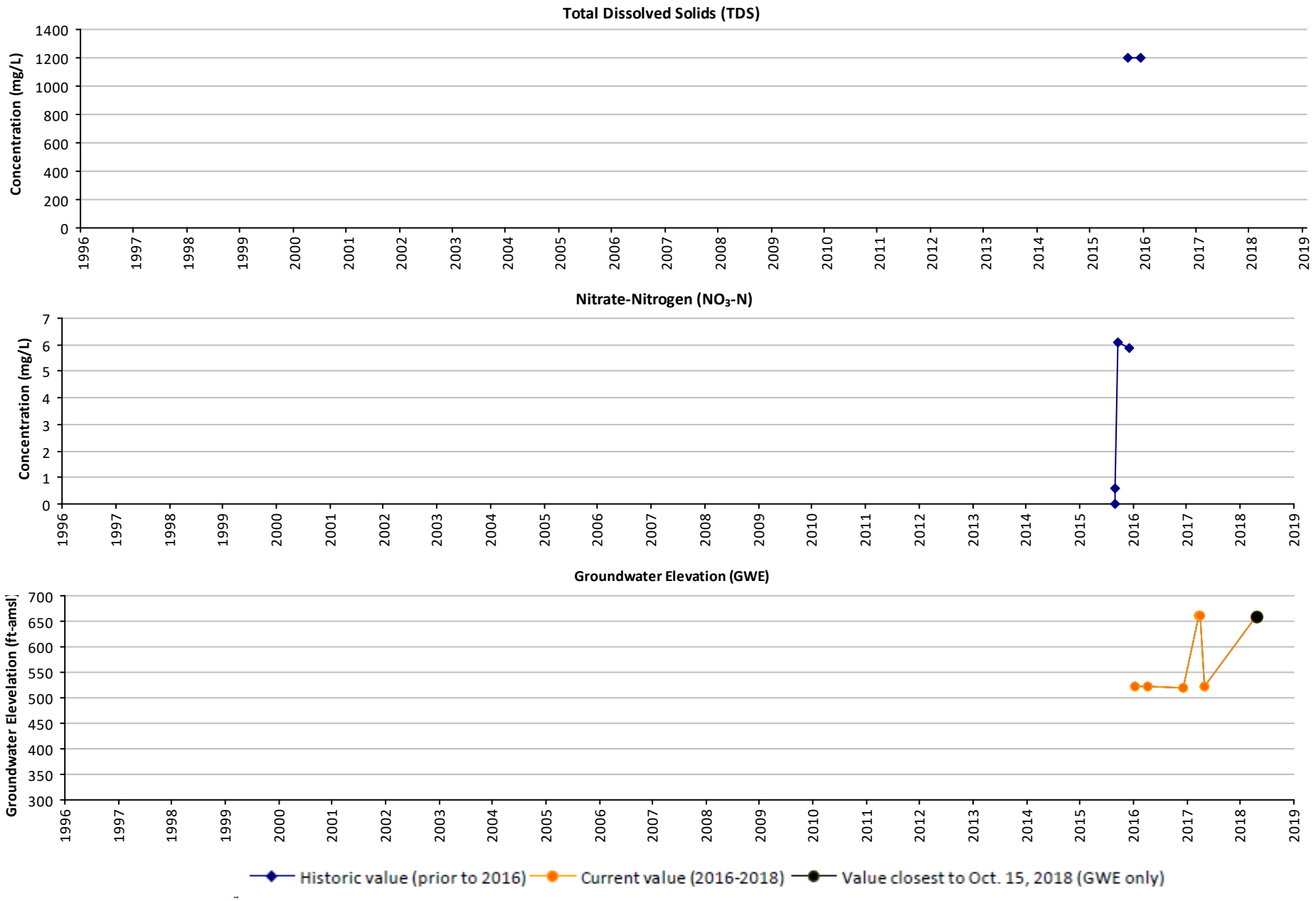

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

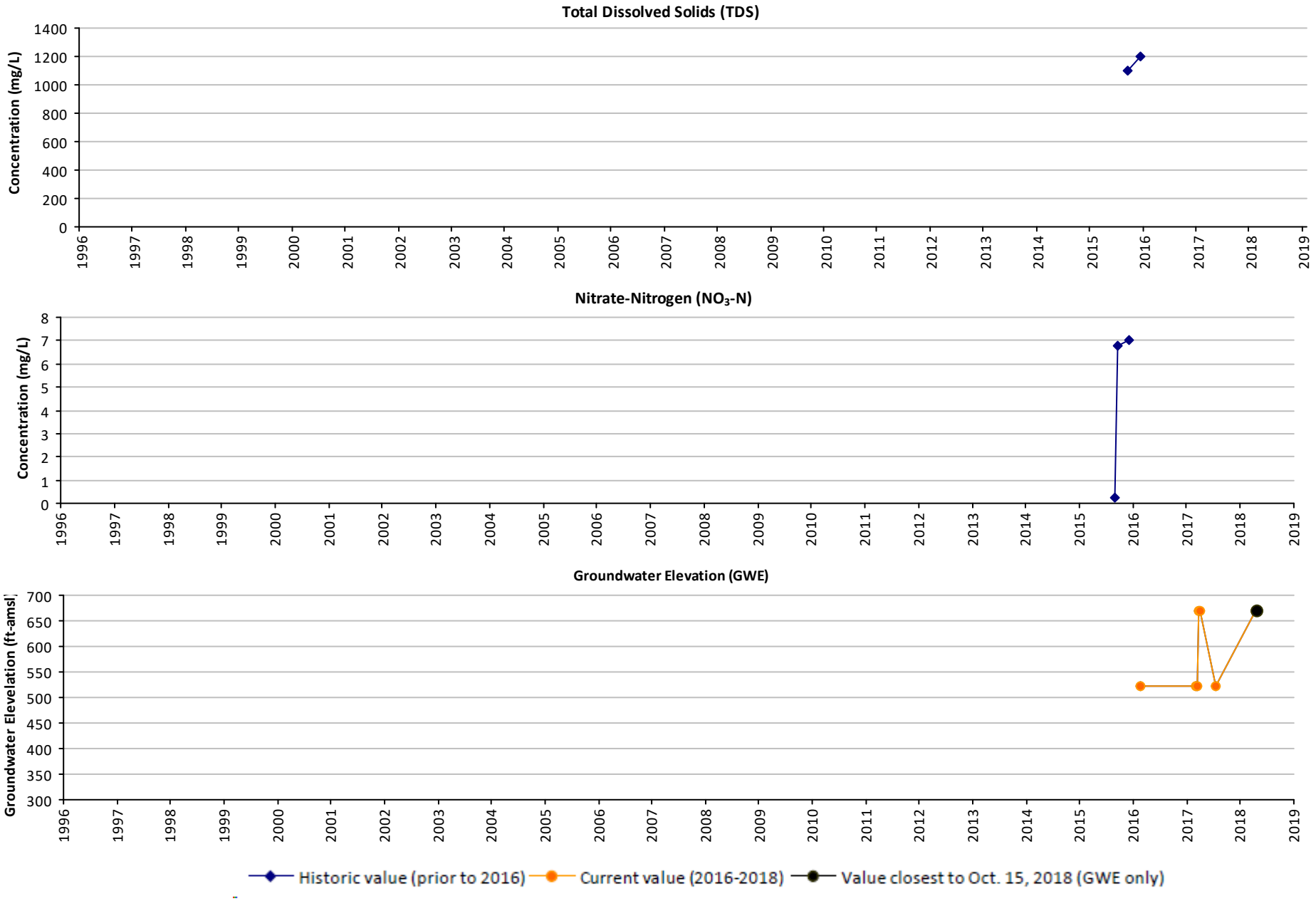

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

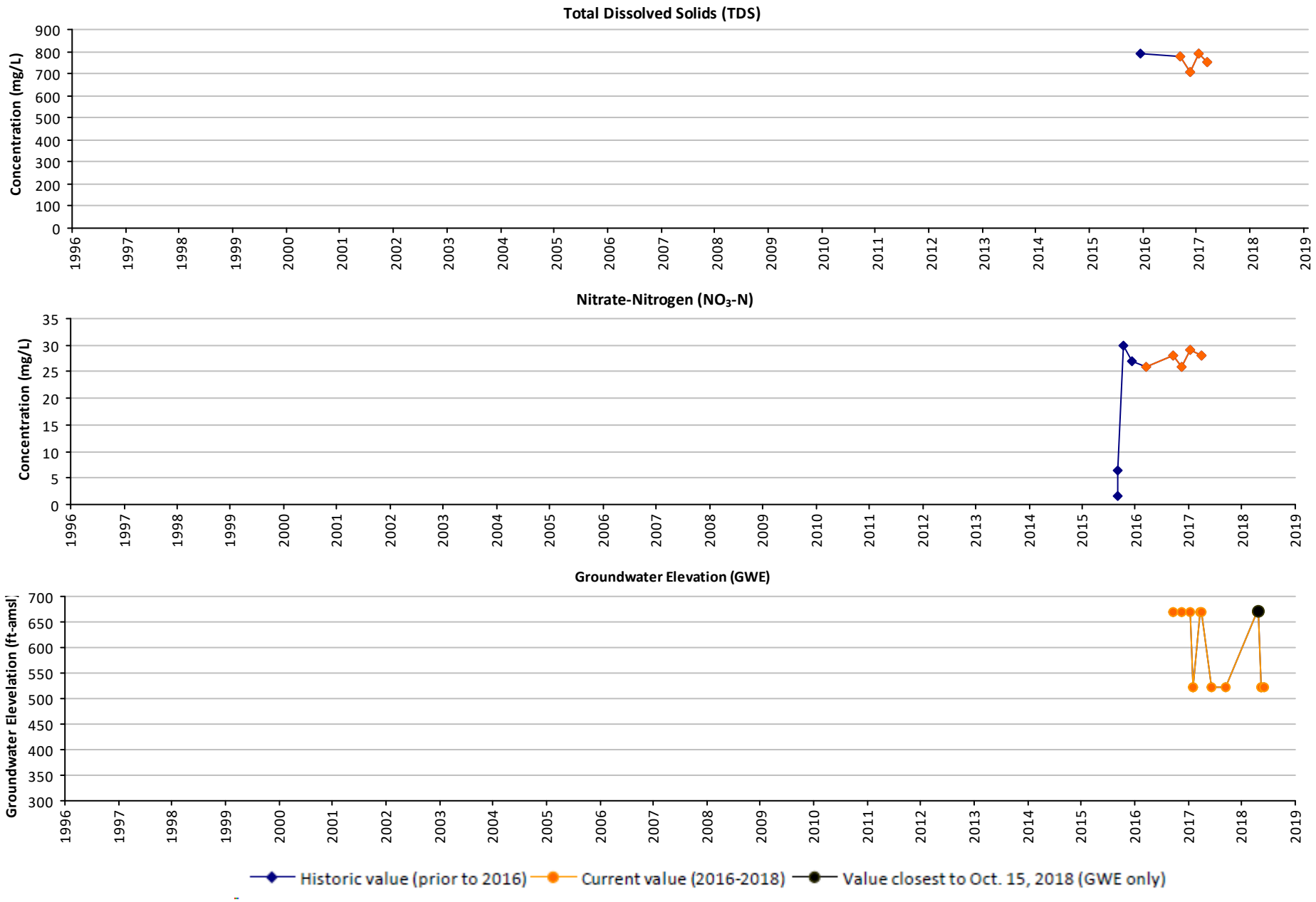

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

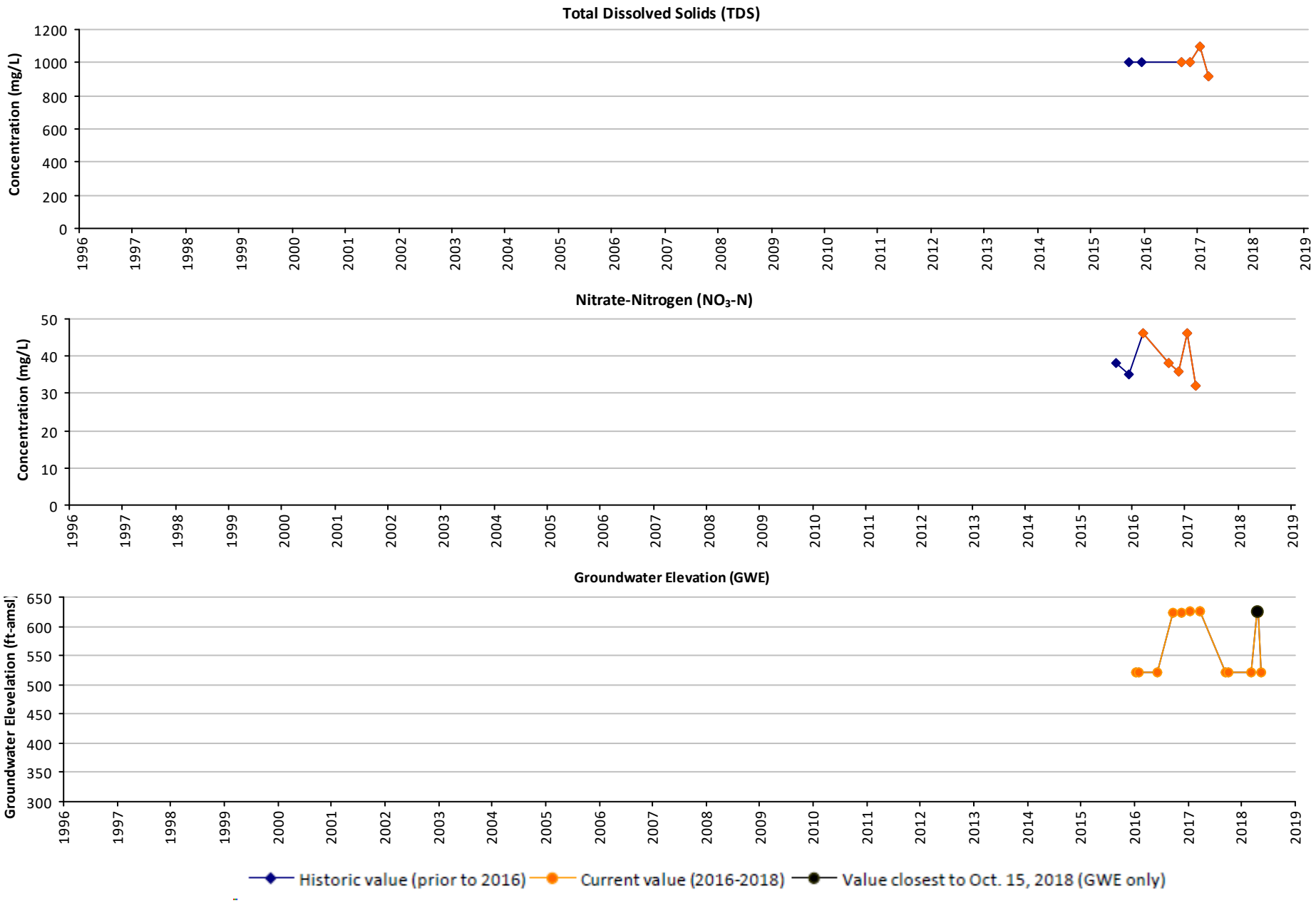

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

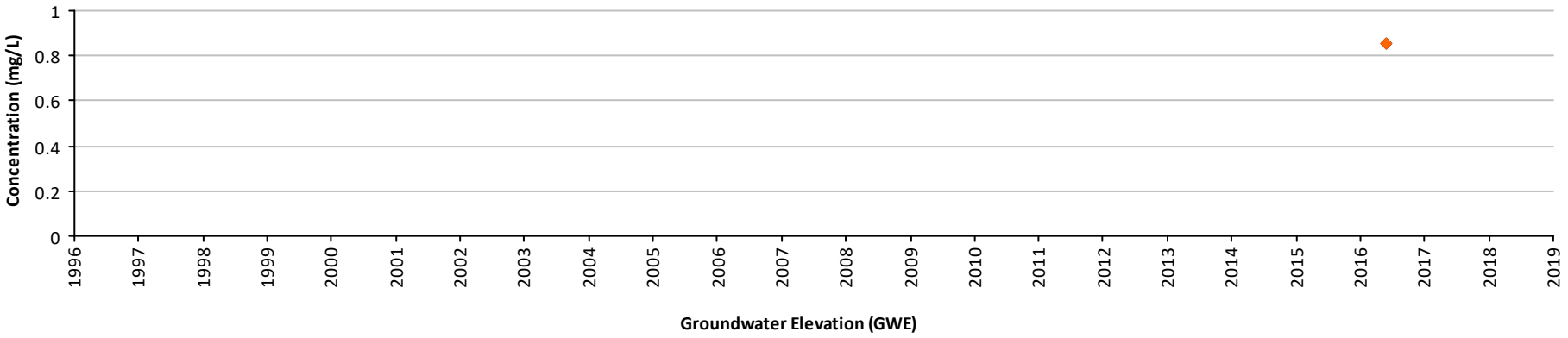

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

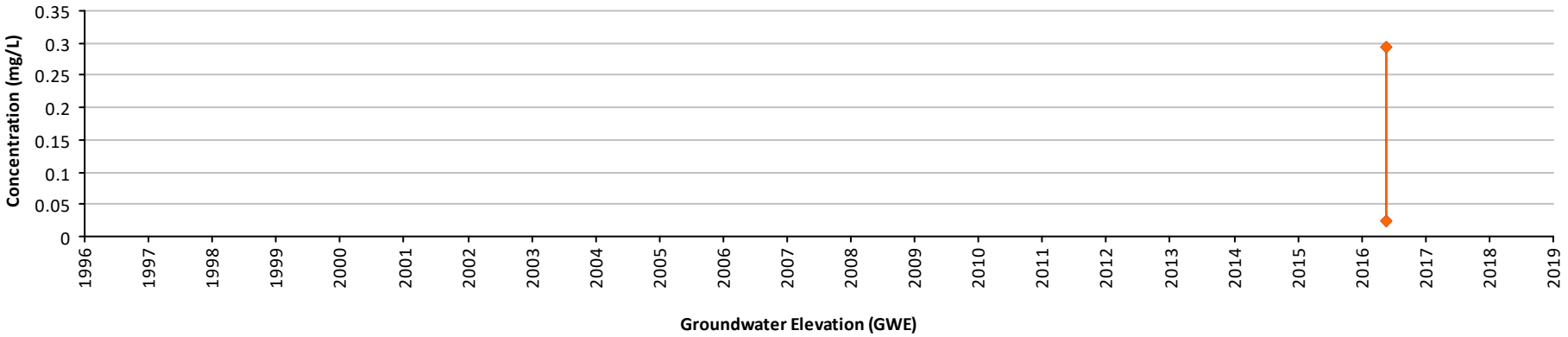
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

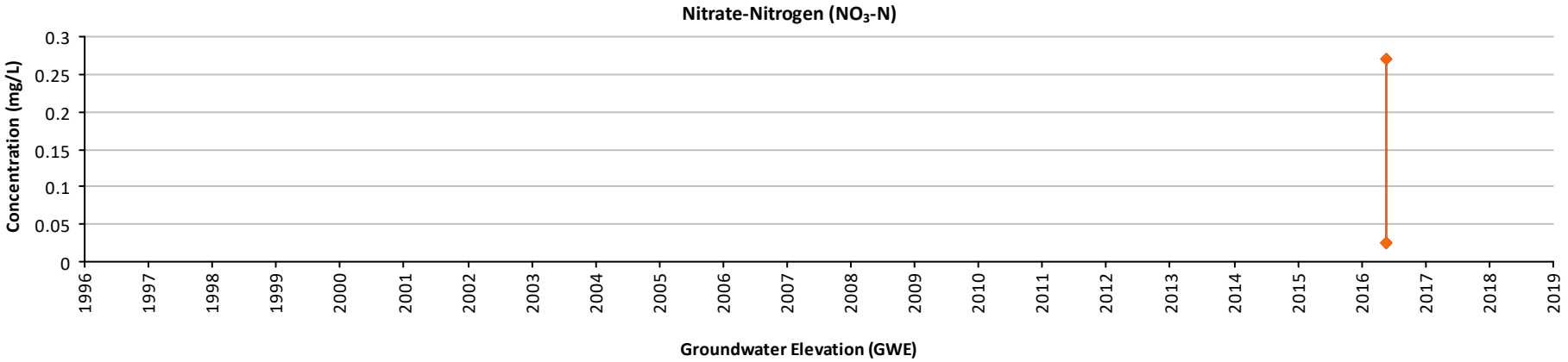
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

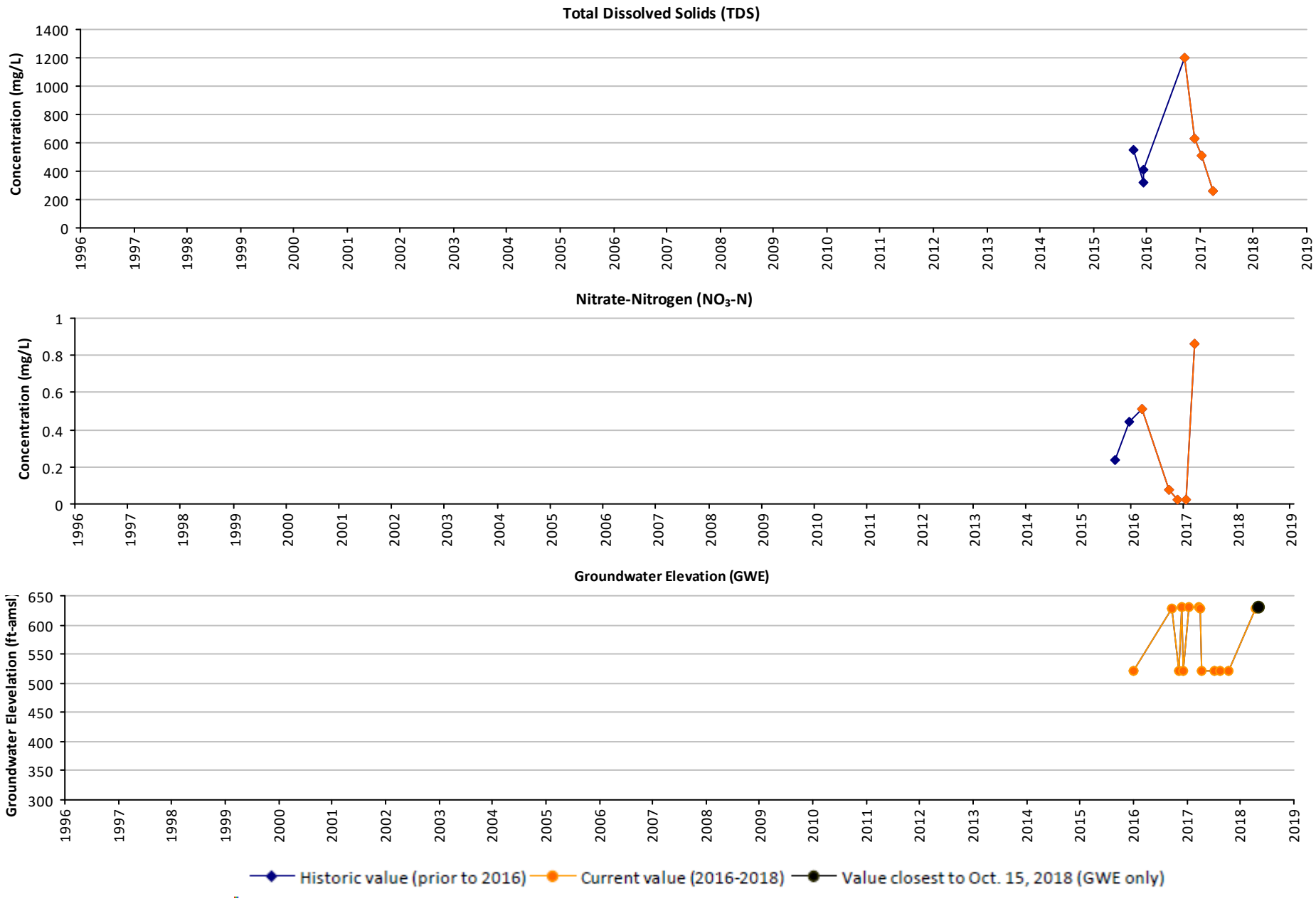


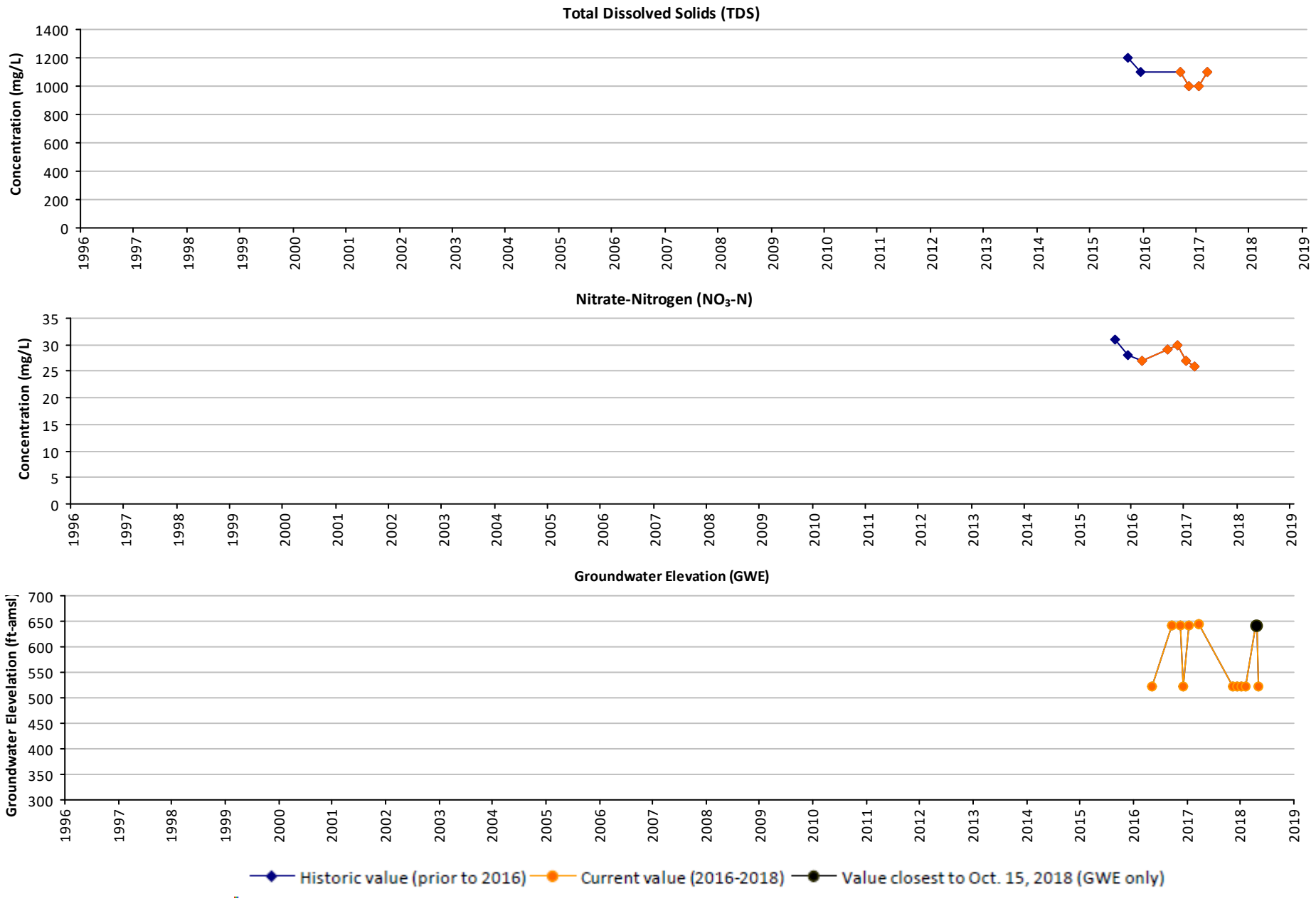
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

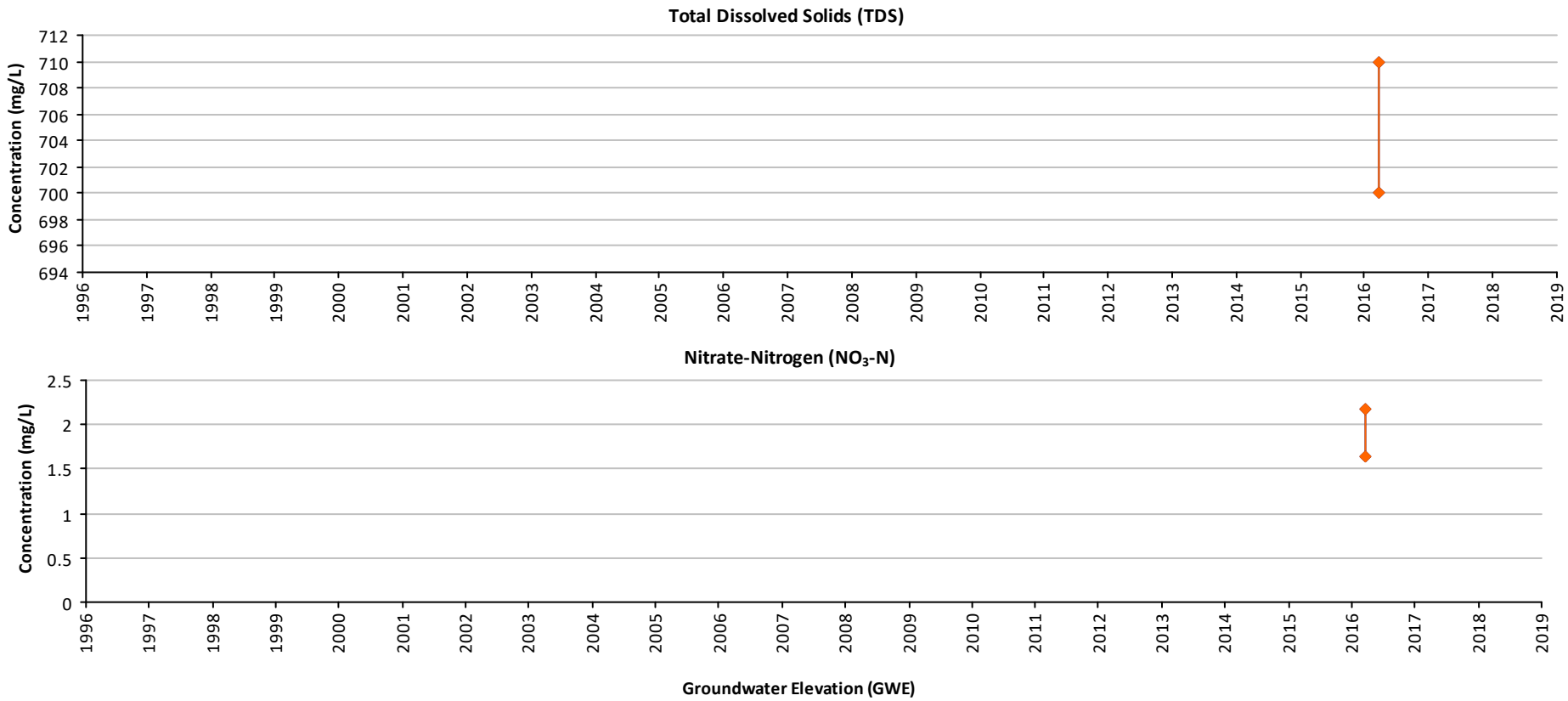
Total Dissolved Solids (TDS)

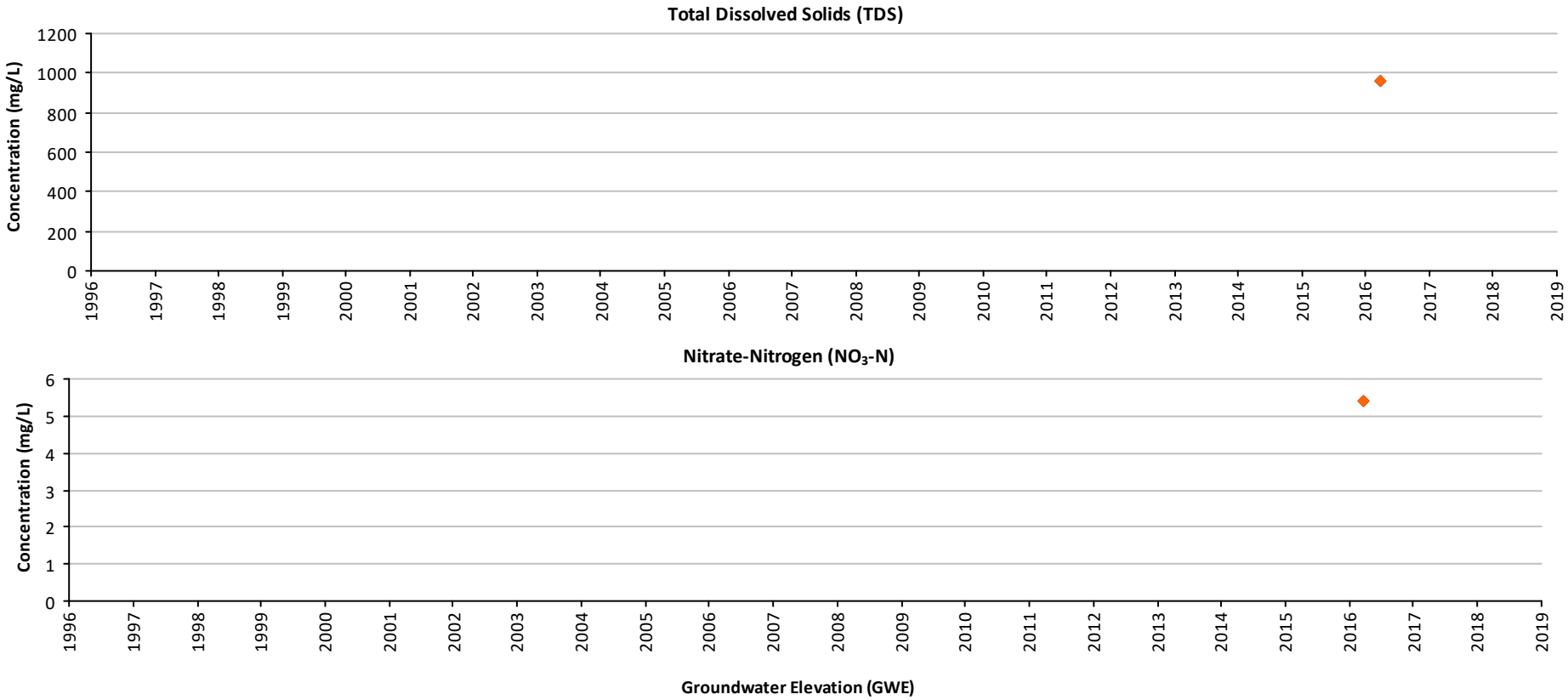


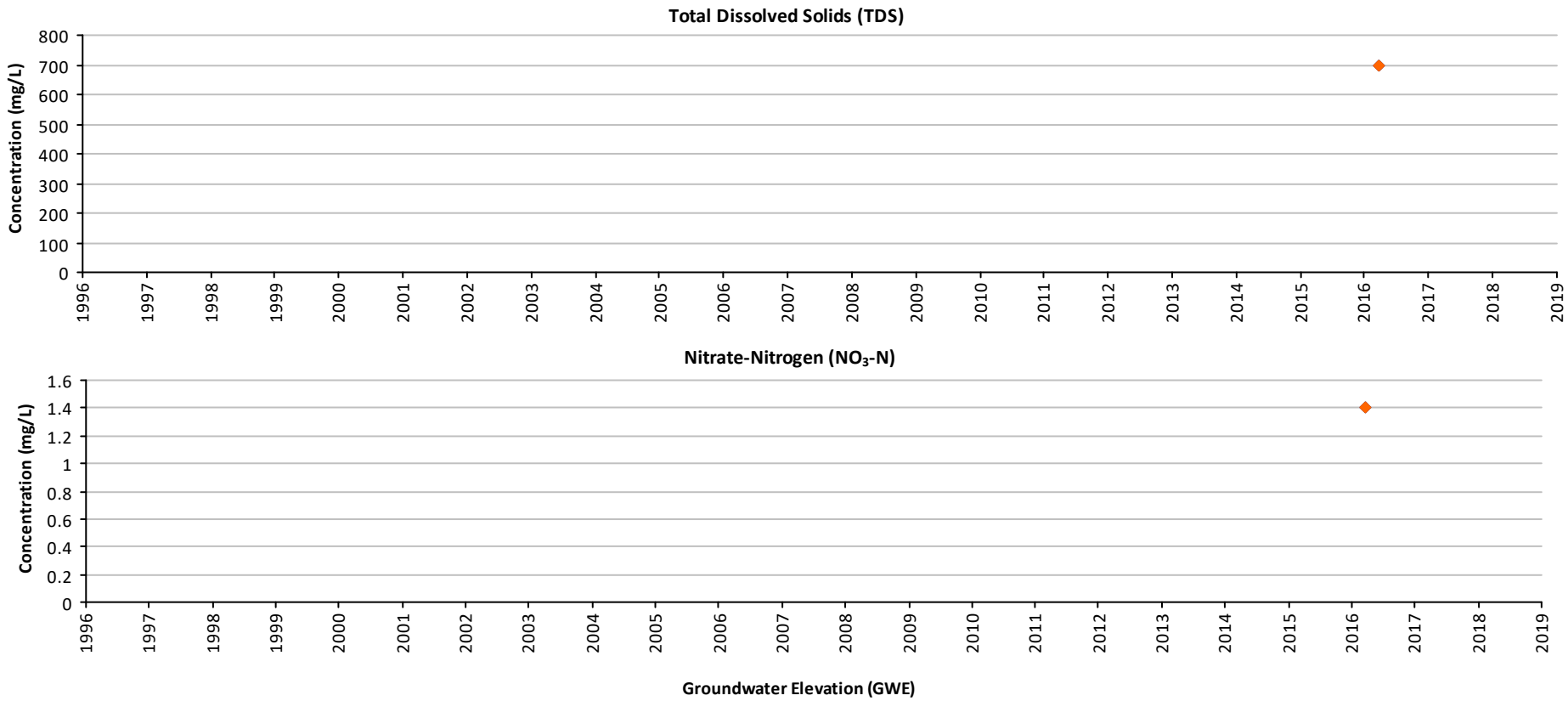
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
350
400
450
500
550
600
650
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

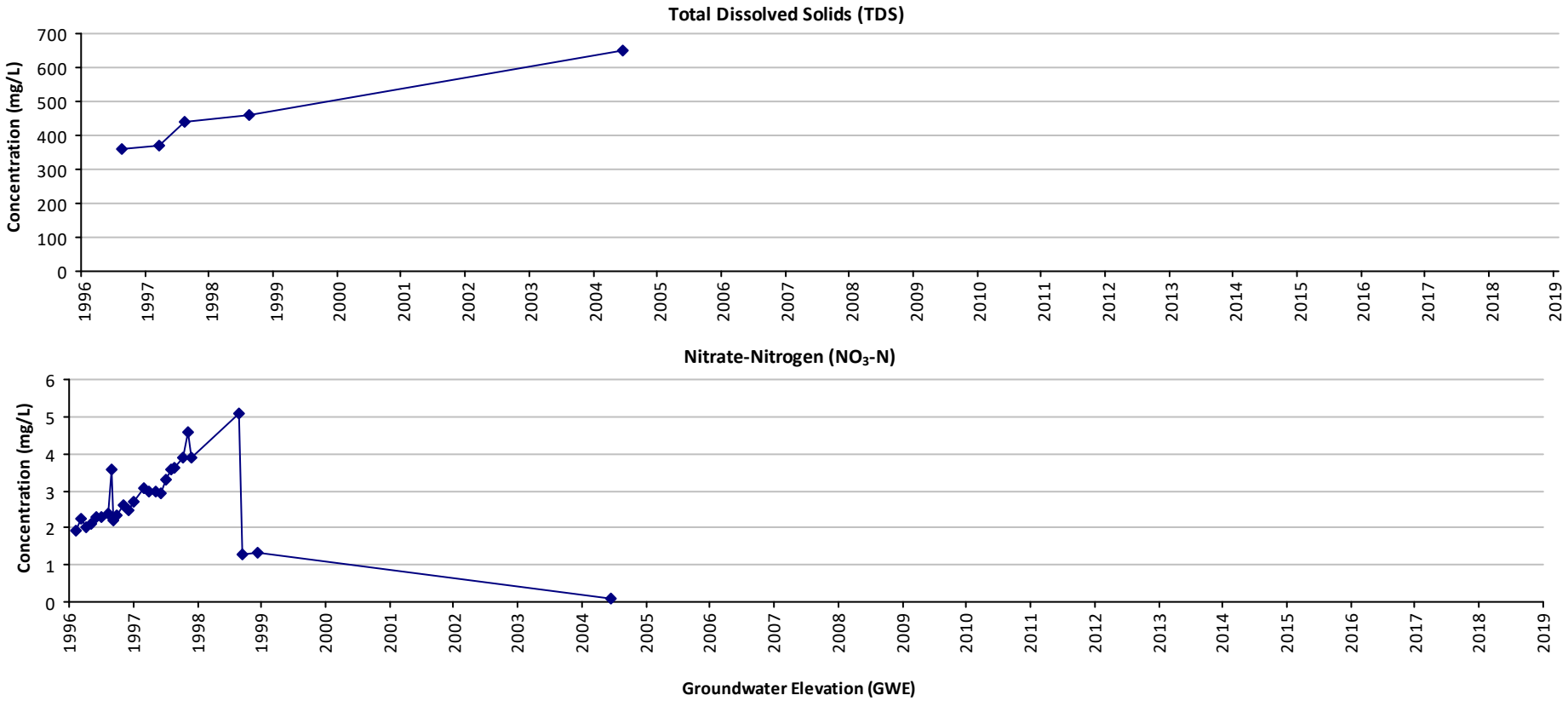

Total Dissolved Solids (TDS)
Concentration (mg/L)
712
710
708
706
704
702
700
698
696
694
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

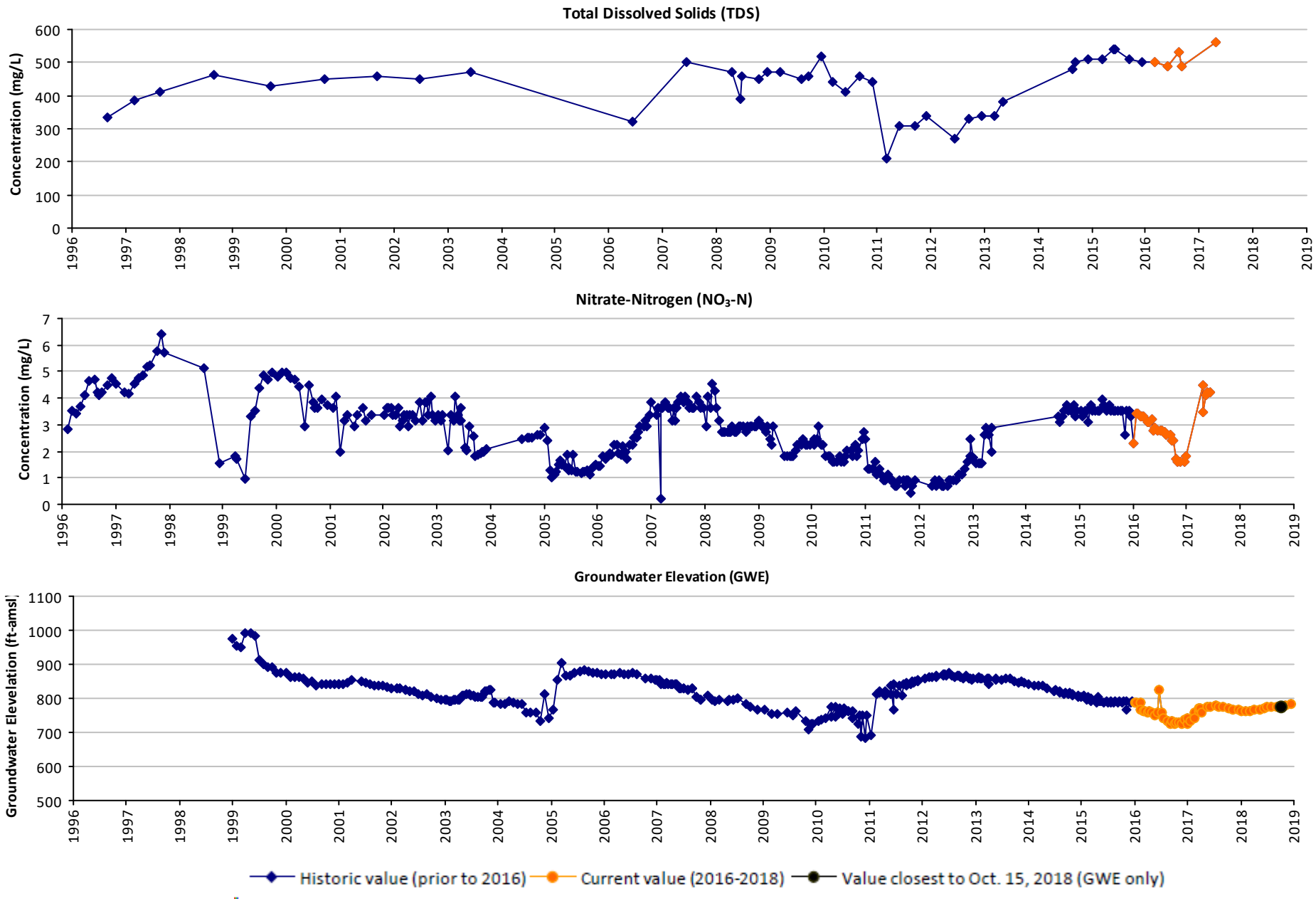

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

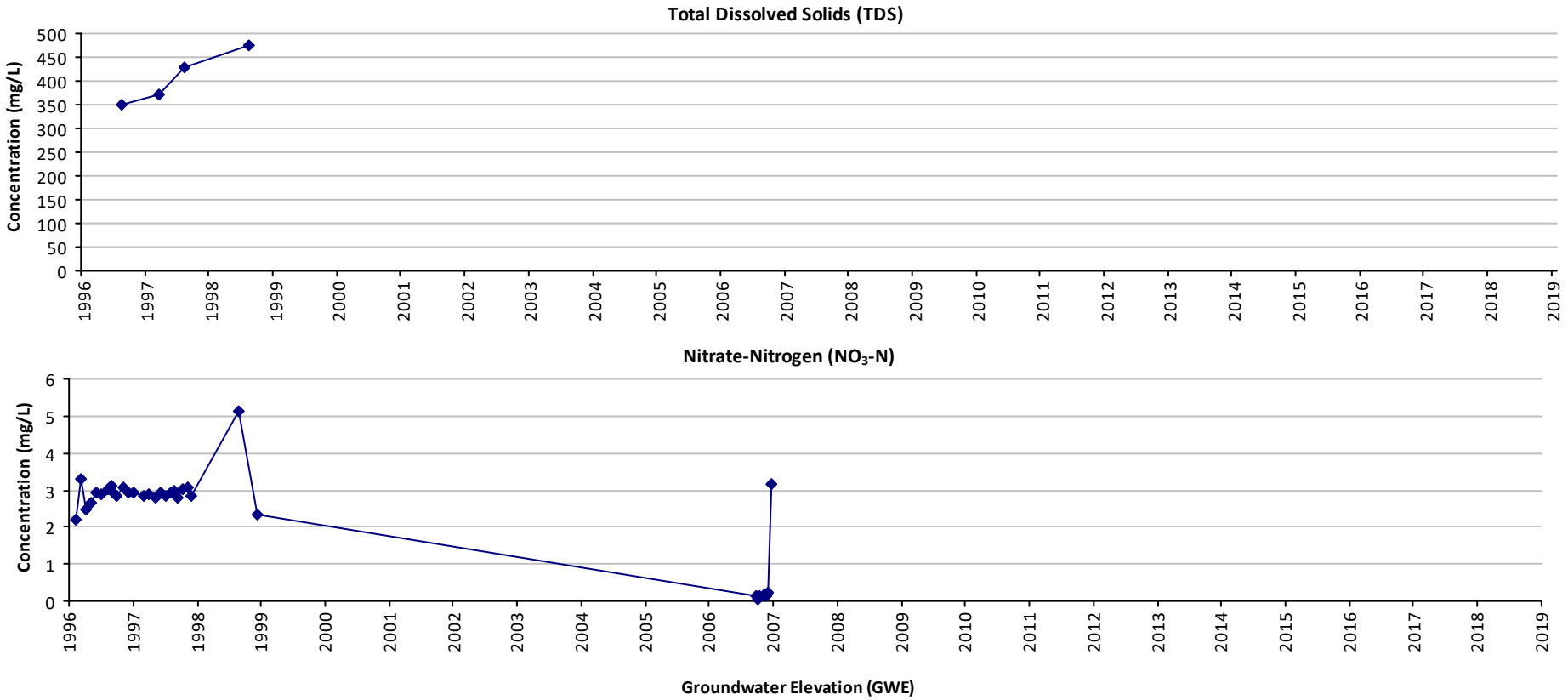

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1005786
Management Zone: Coldwater

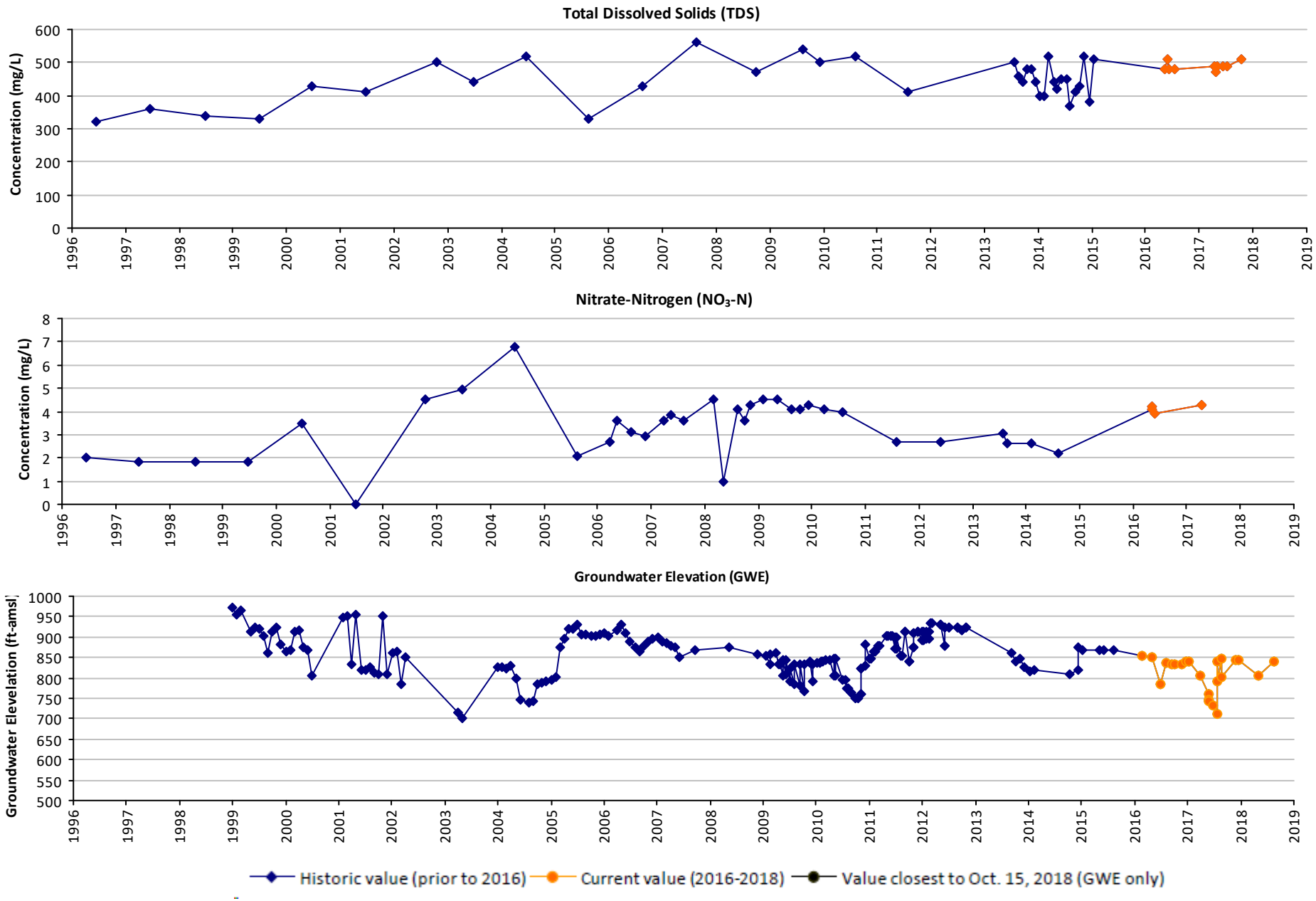


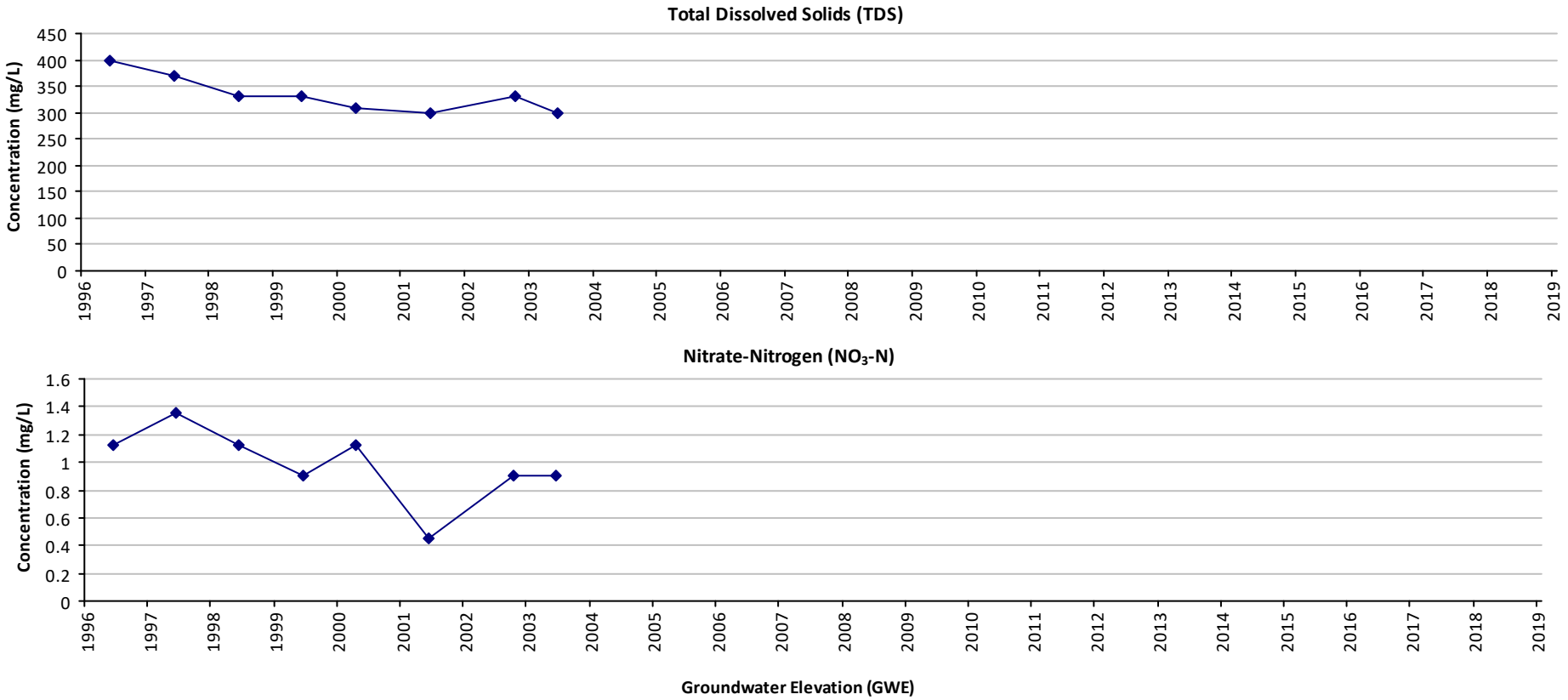

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

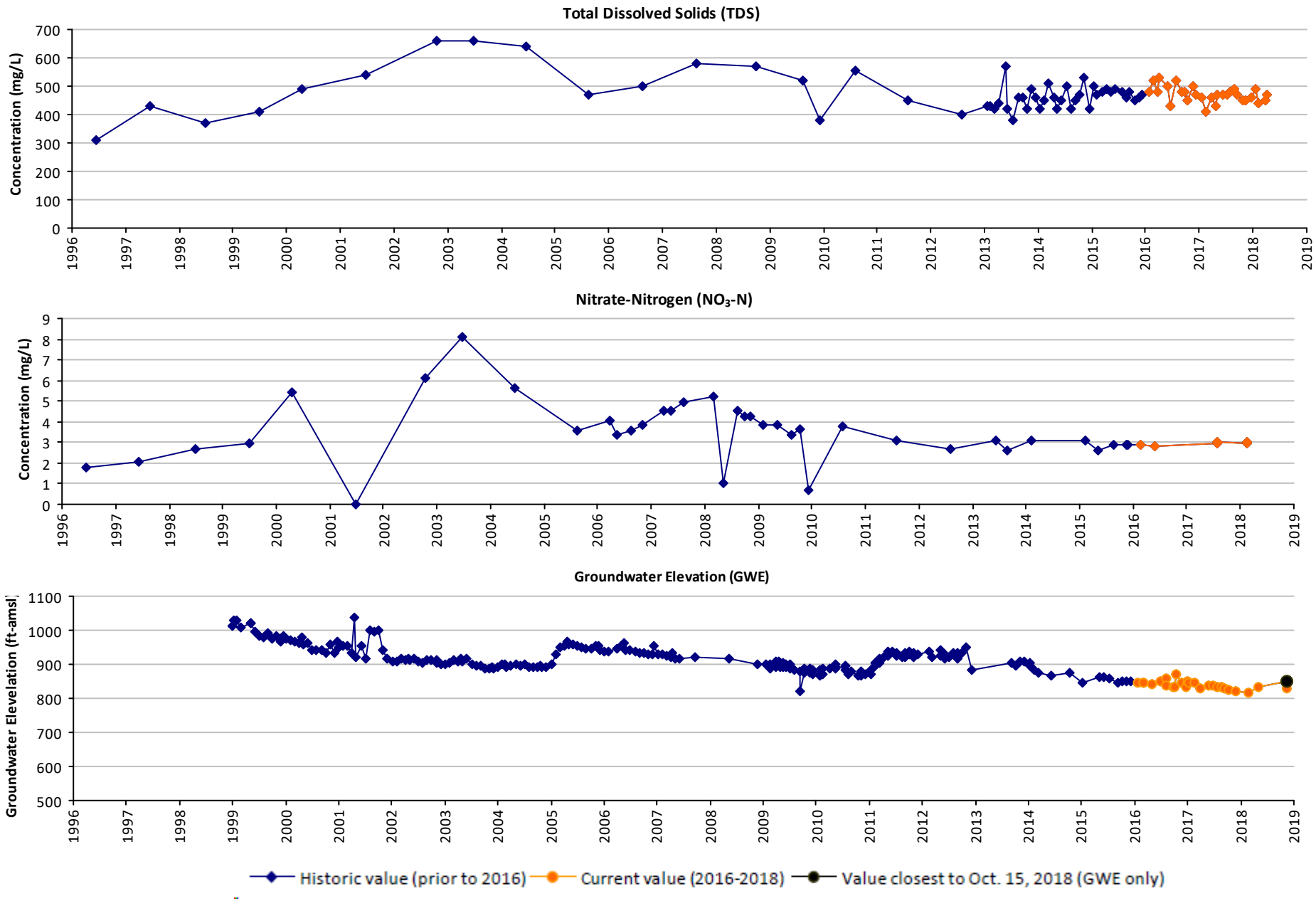


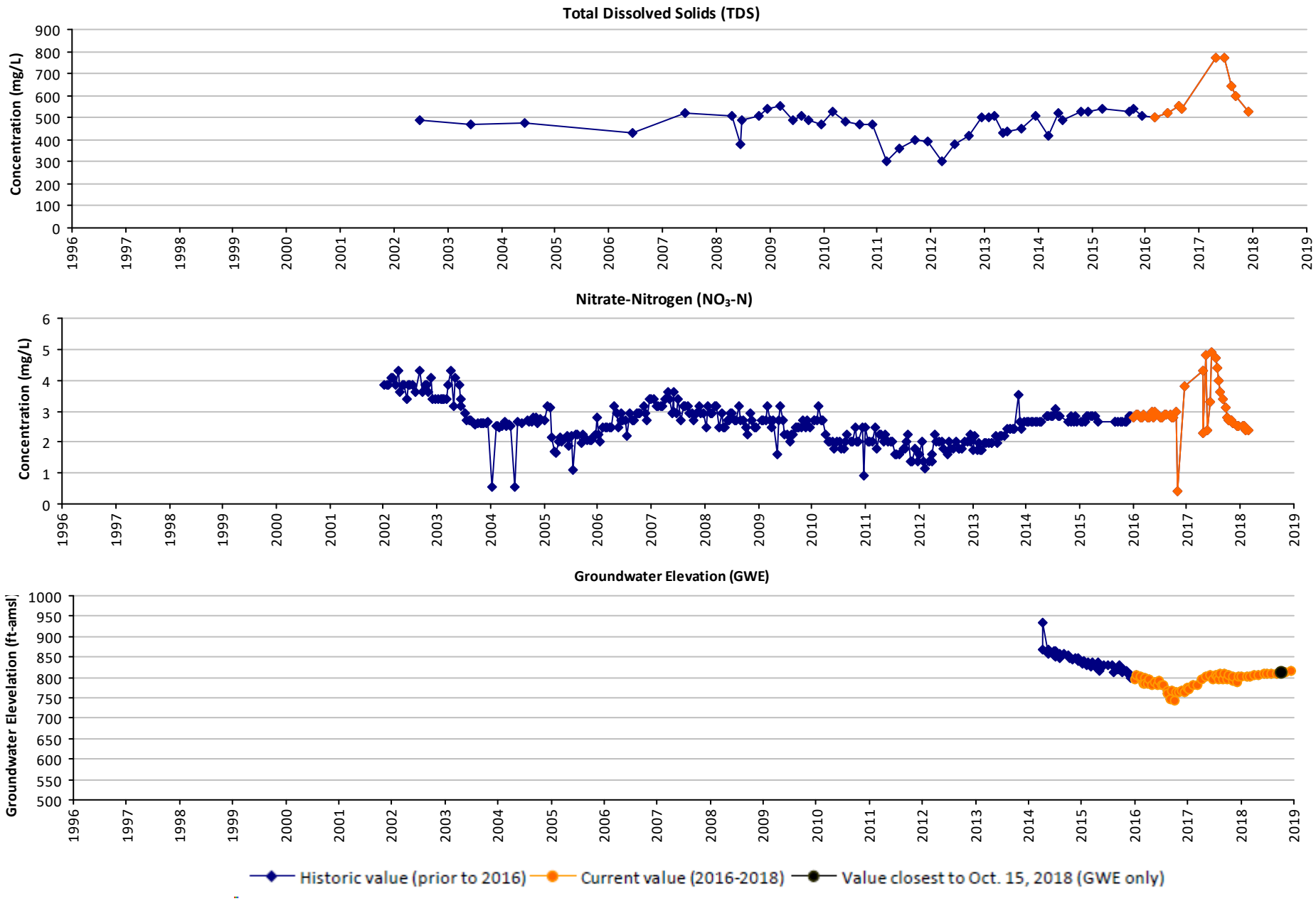
Groundwater Elevation (GWE)

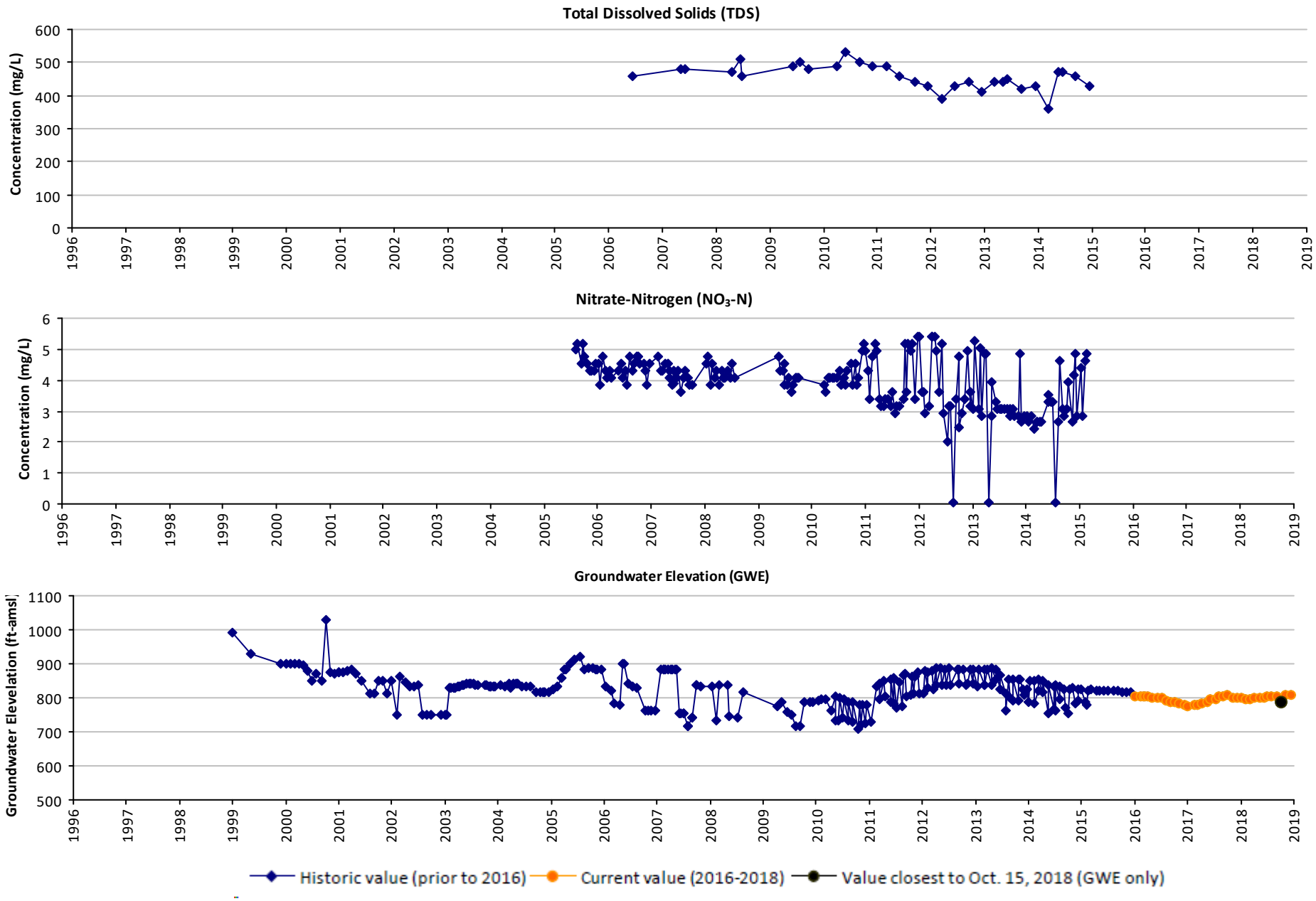
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

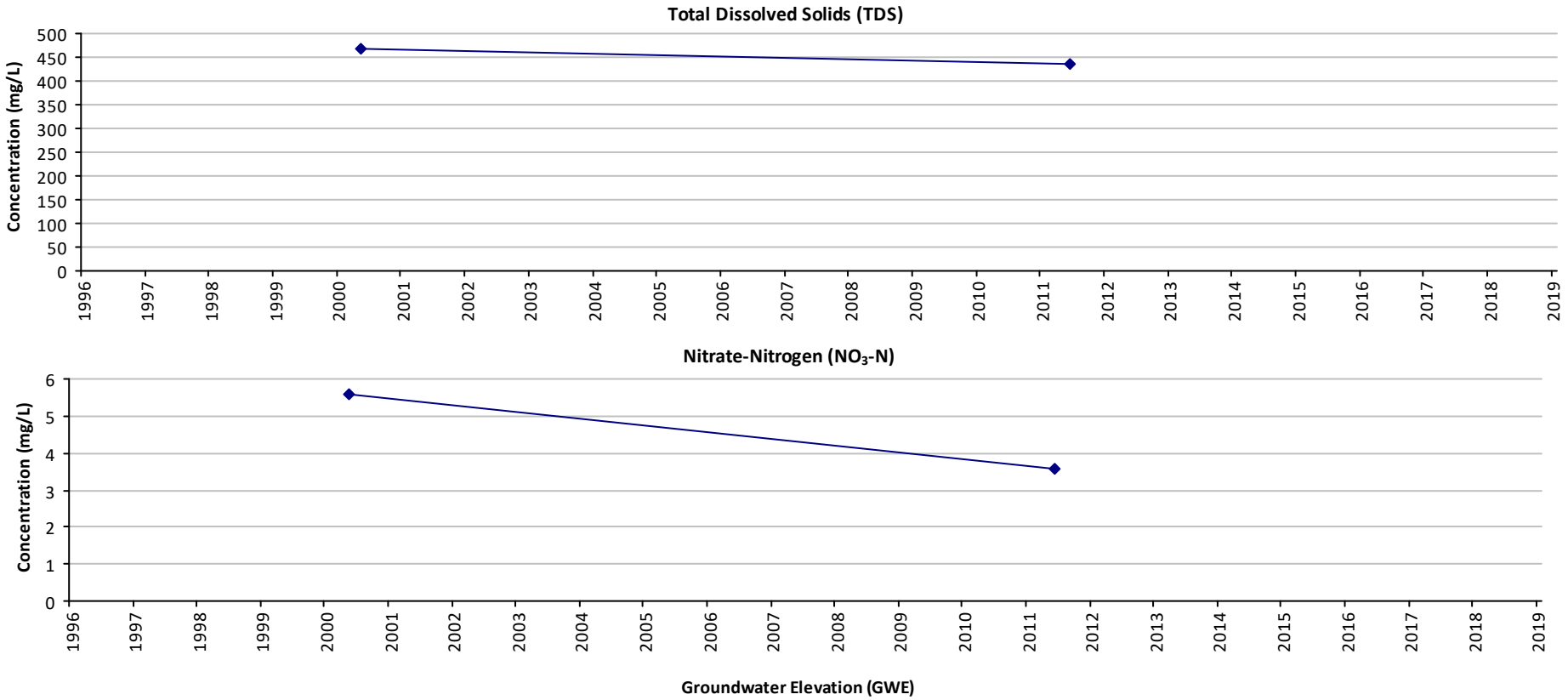

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

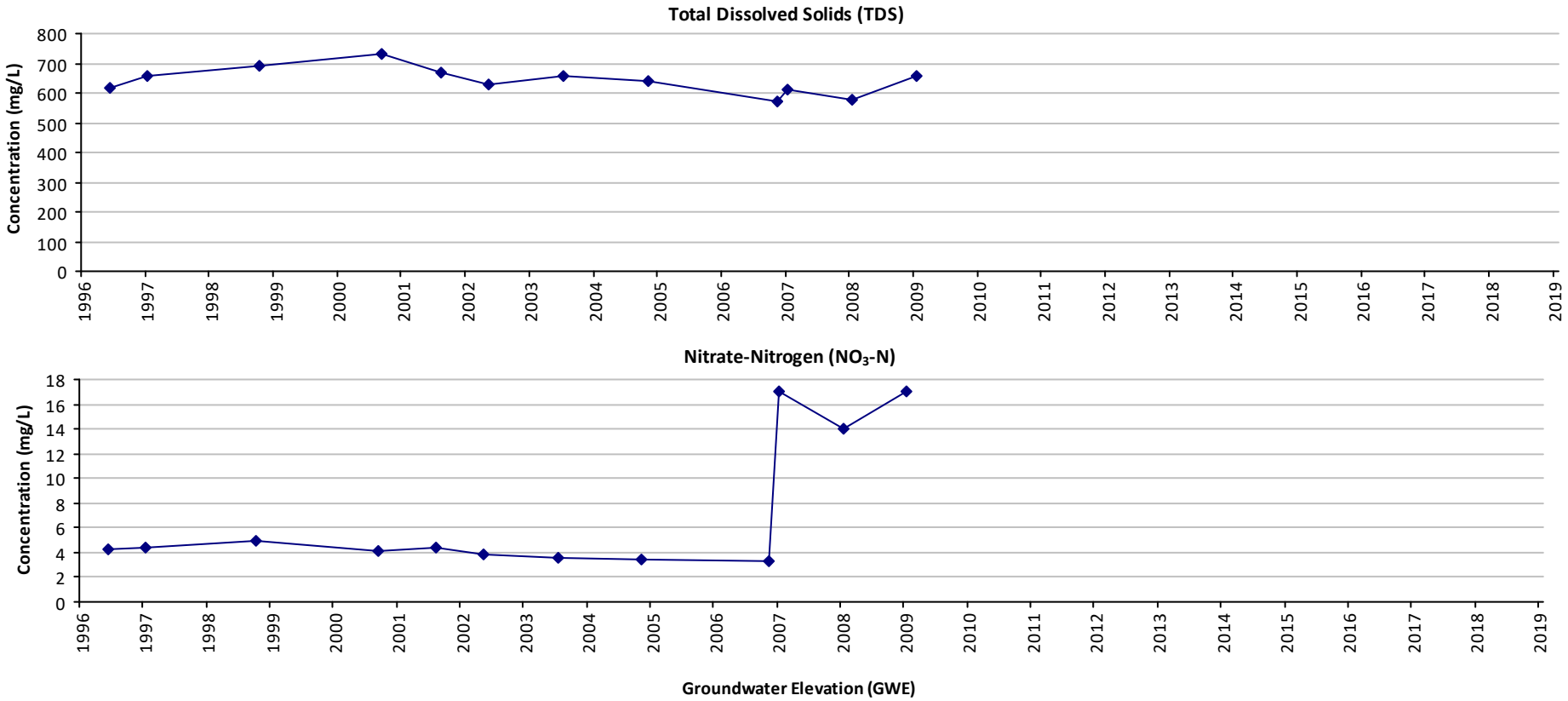

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

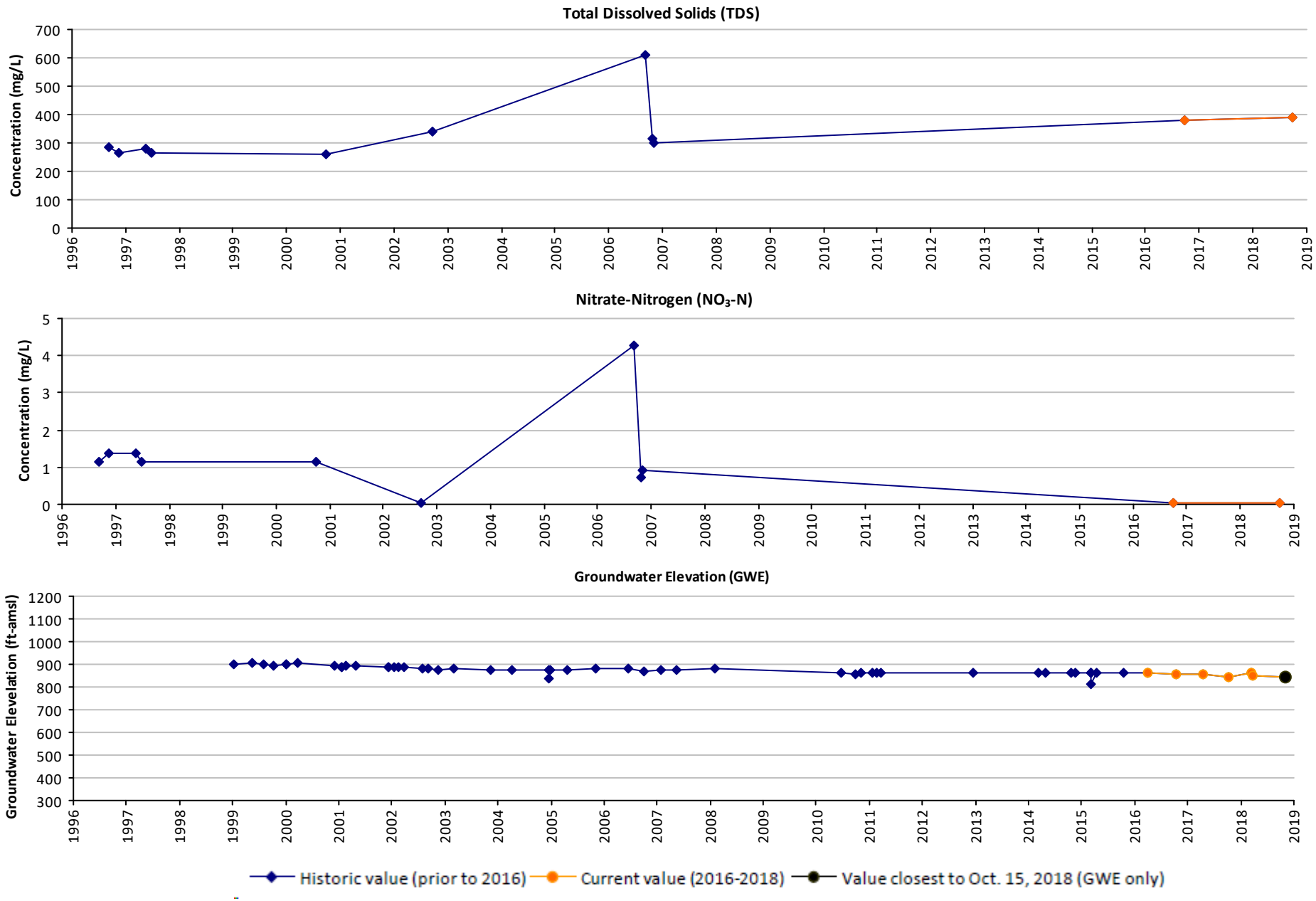
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

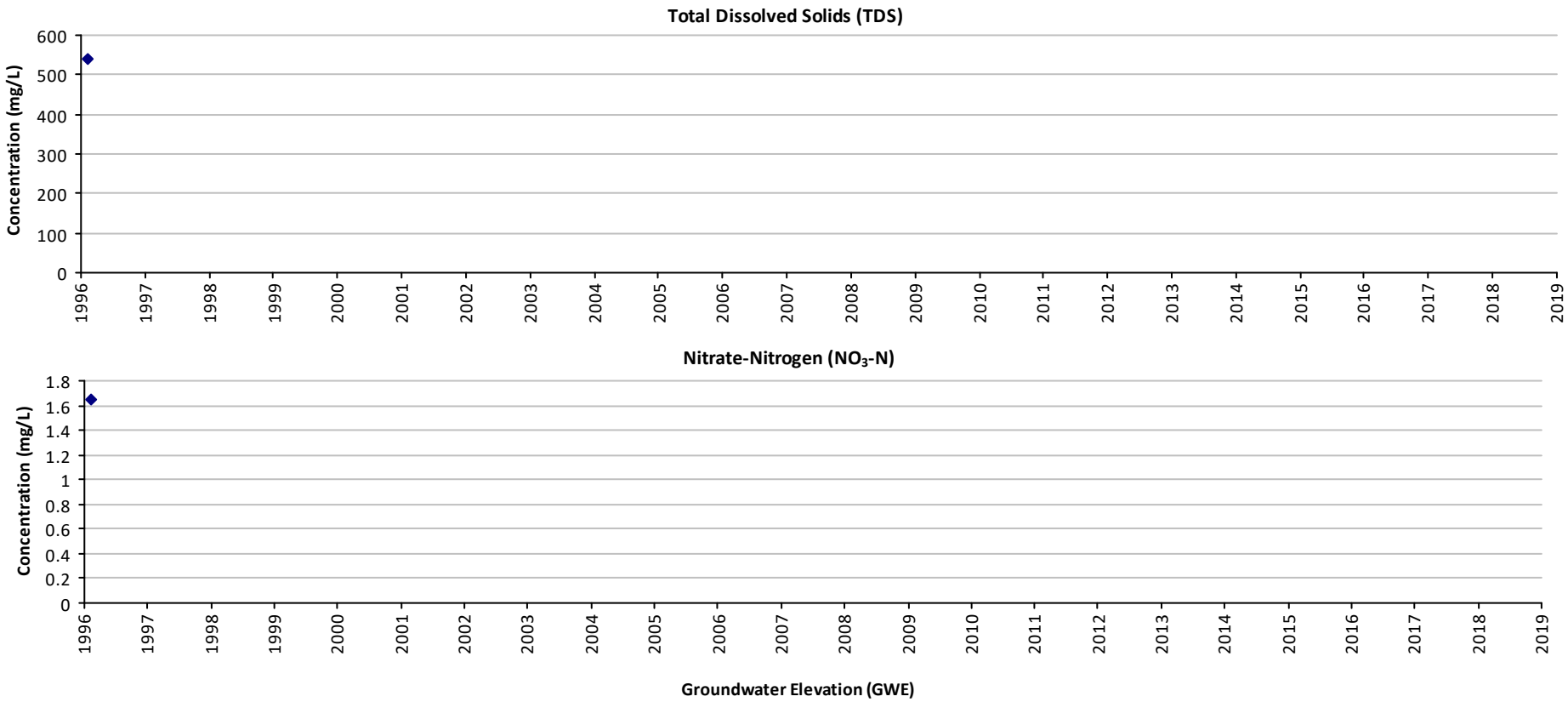
Well ID: 1001726
Management Zone: Colton

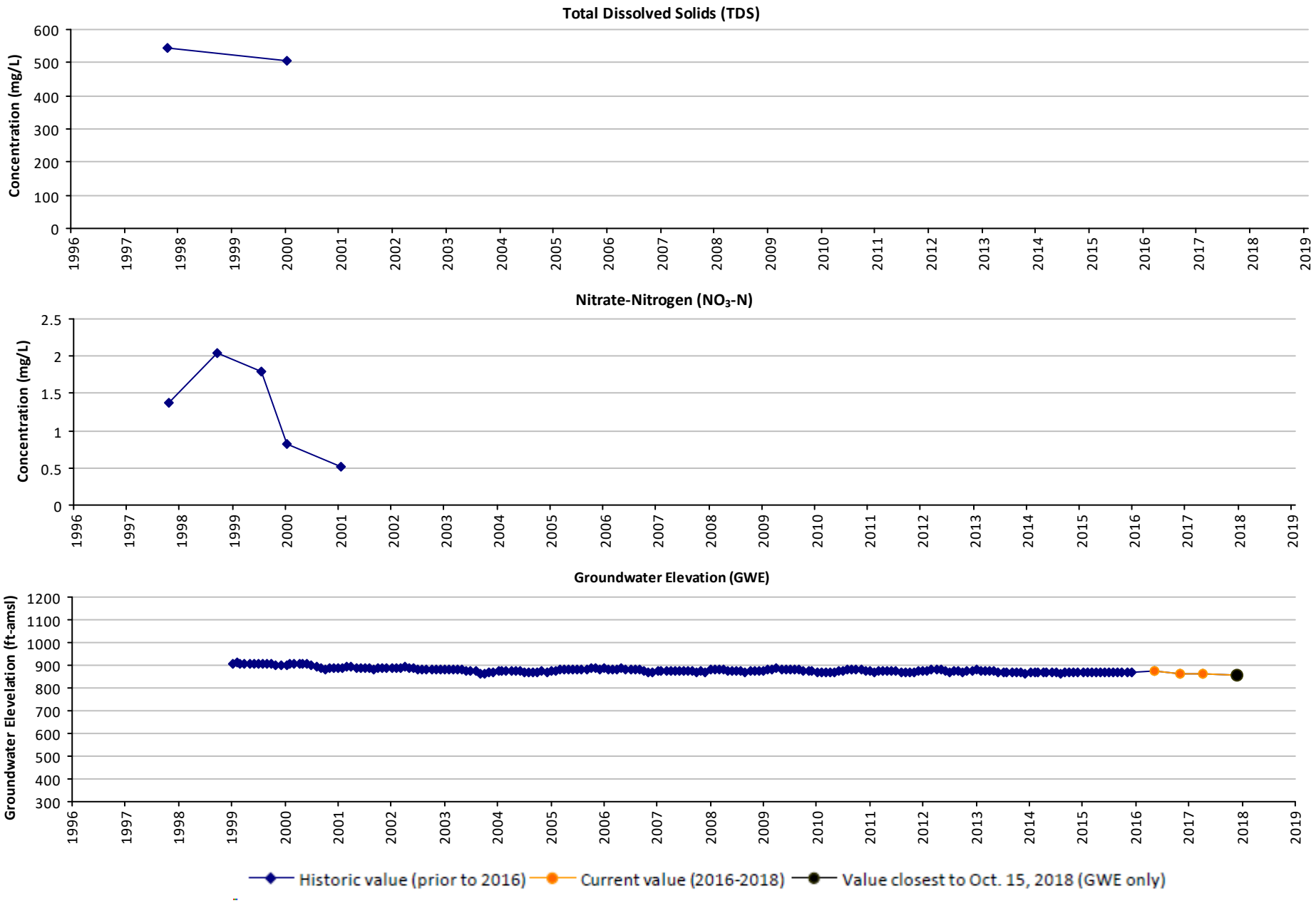


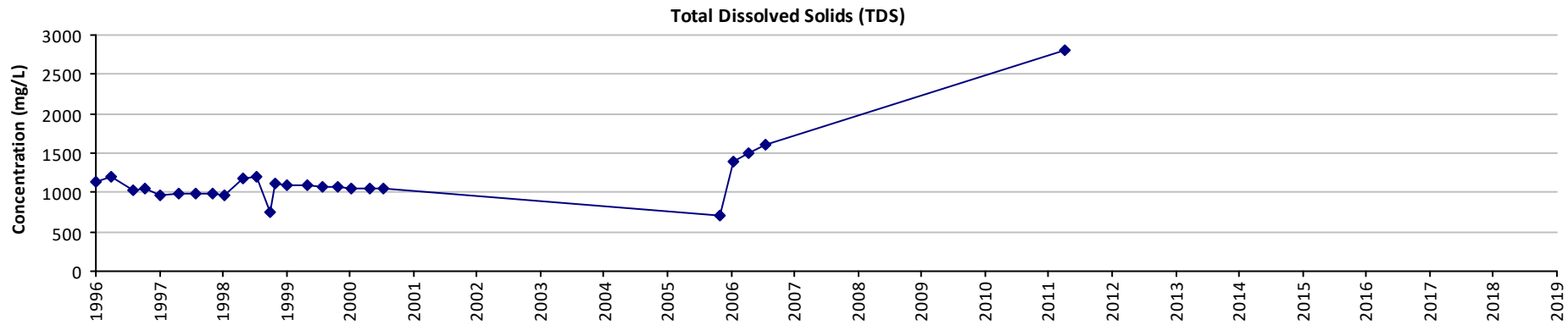
Groundwater Elevation (GWE)

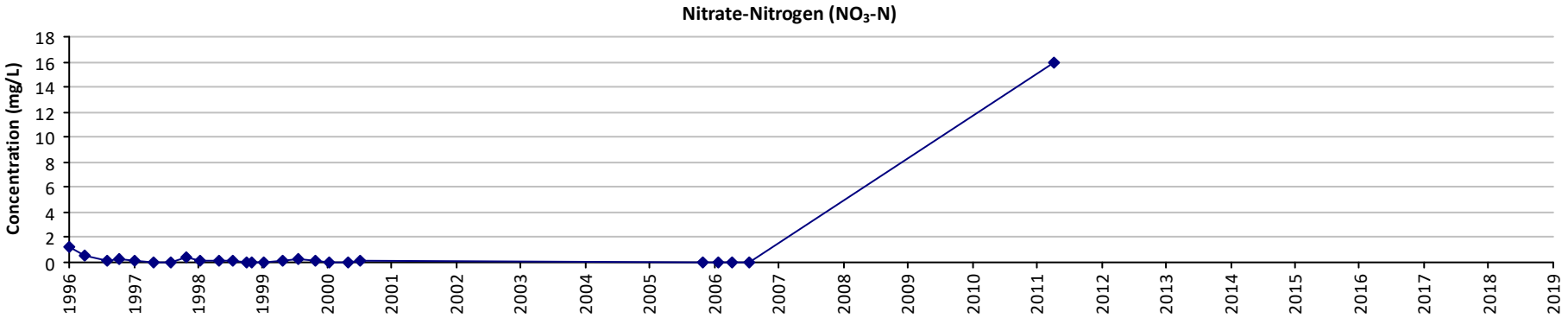
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

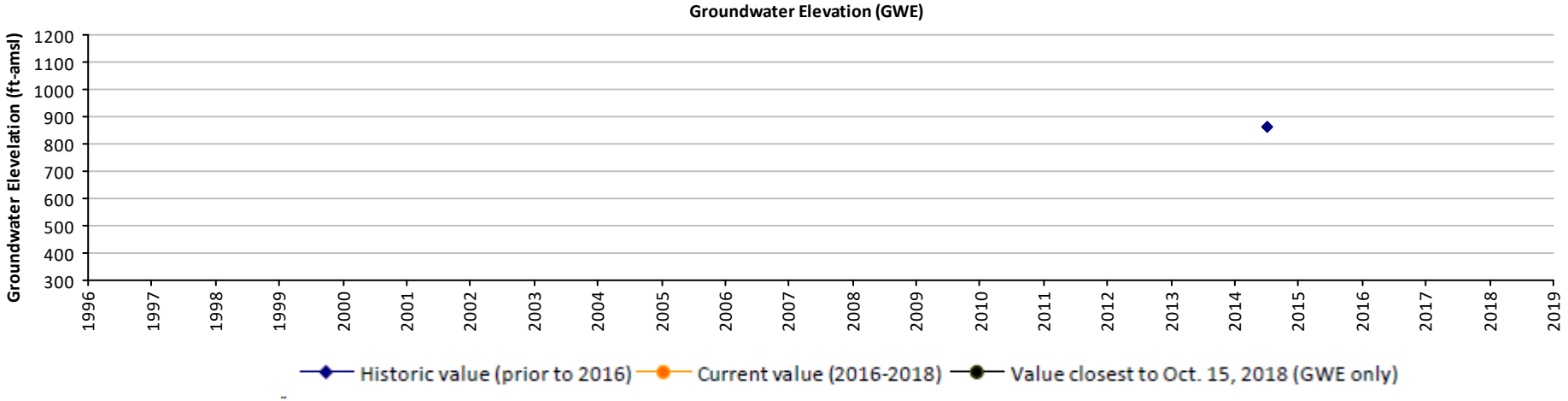

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

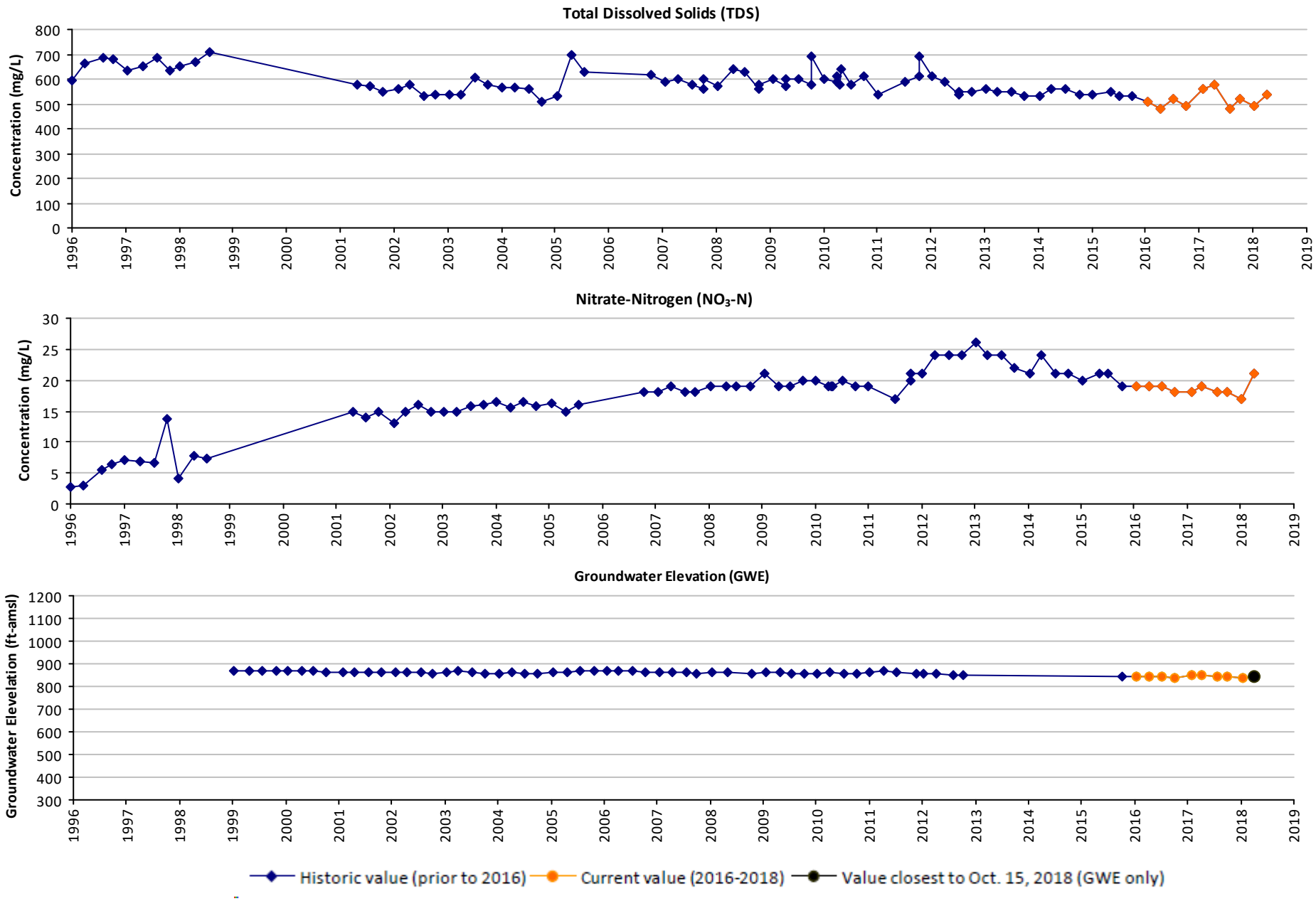

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

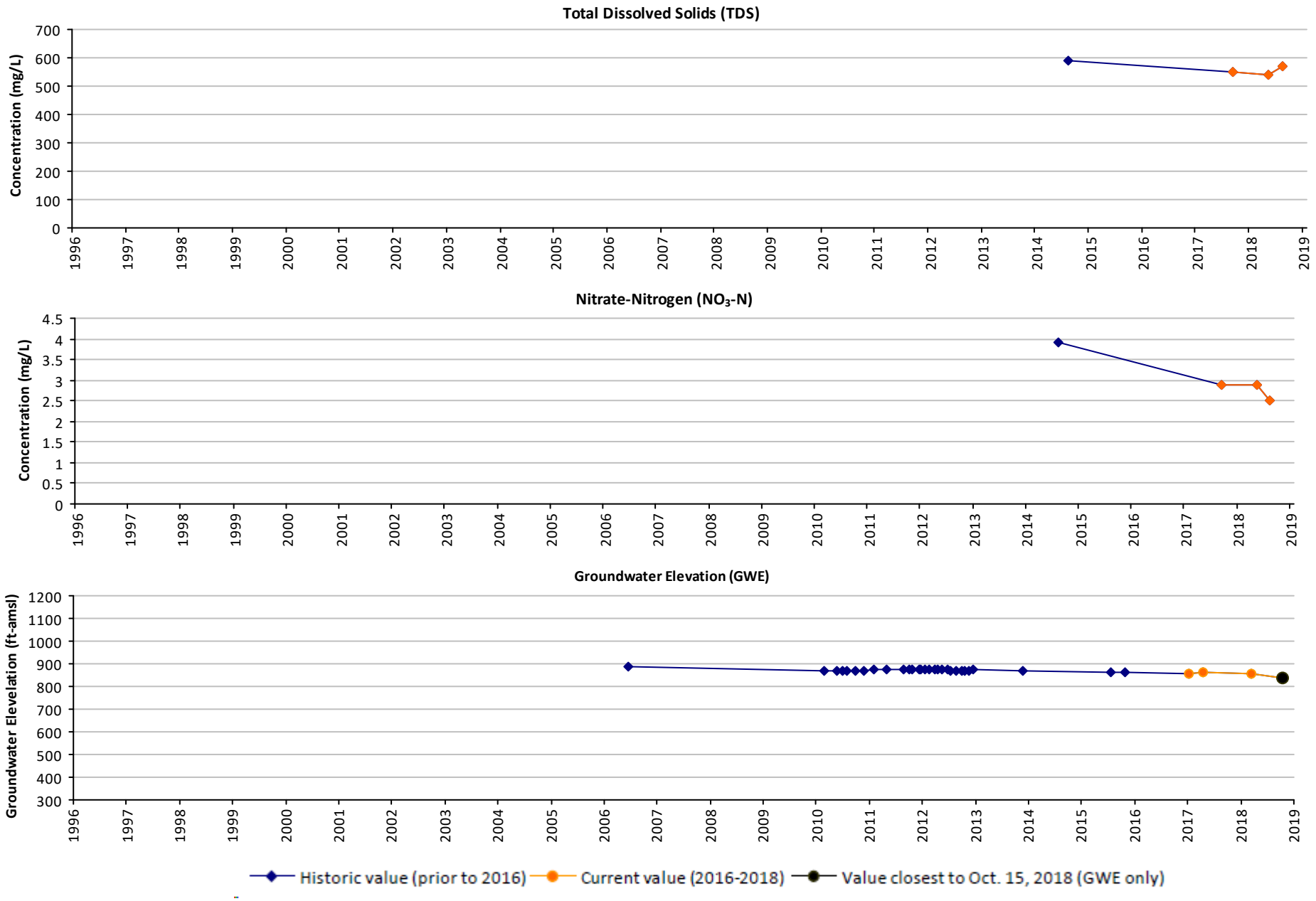

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

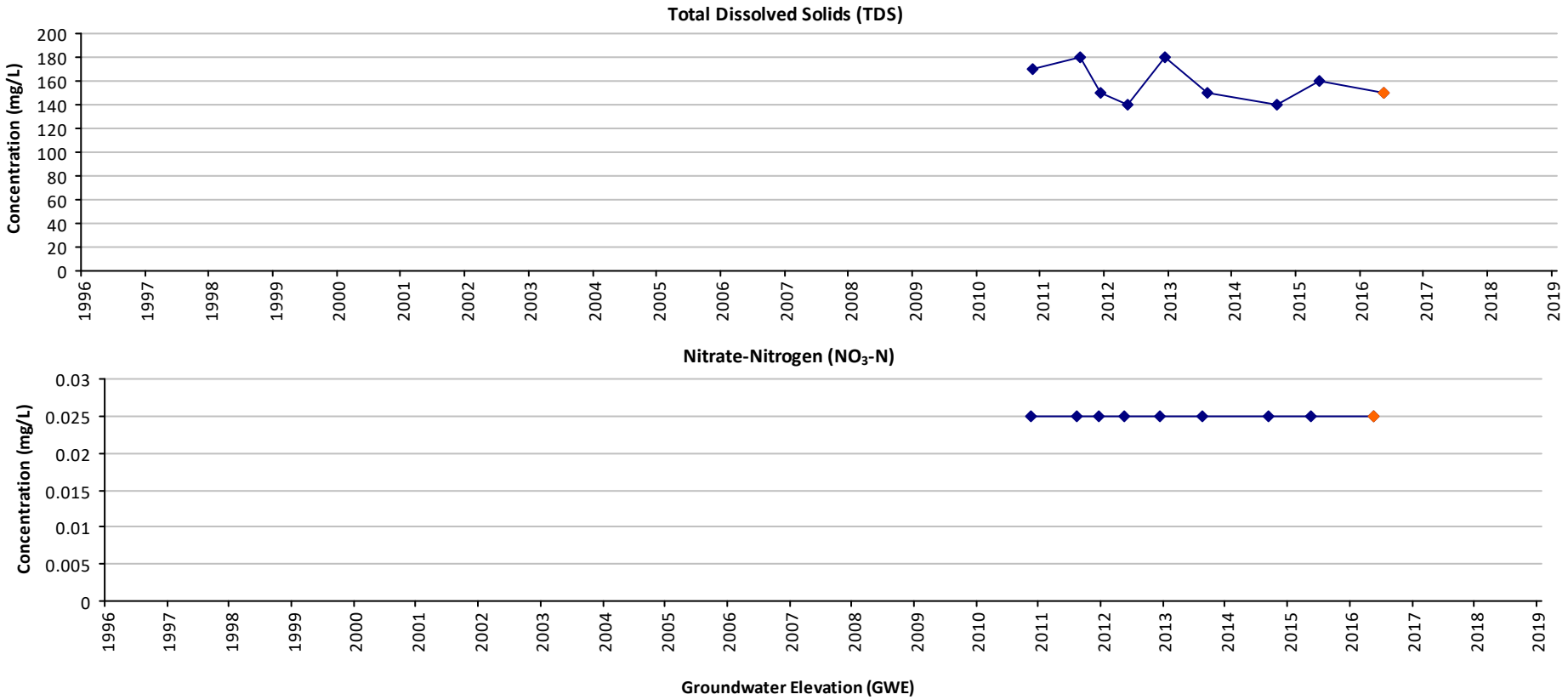

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

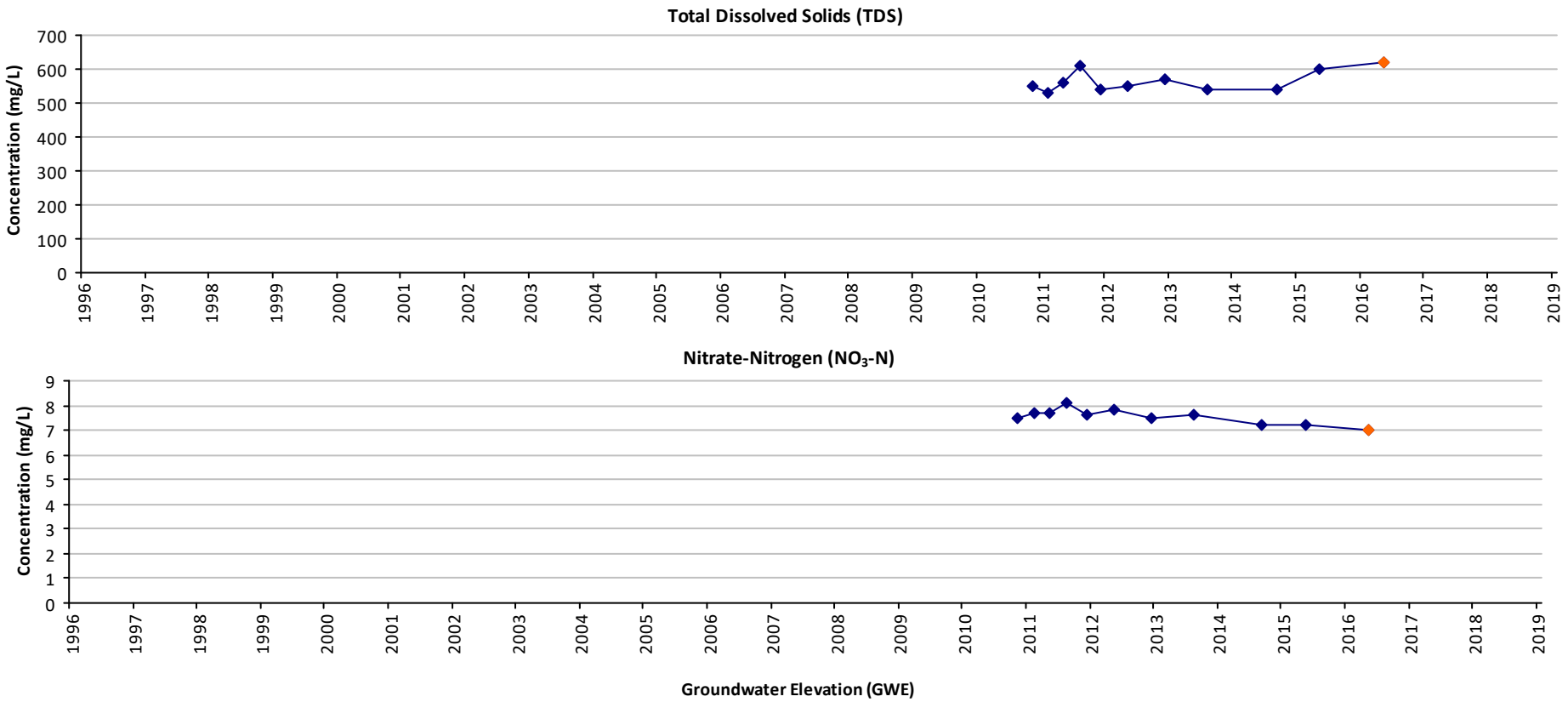

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
400
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

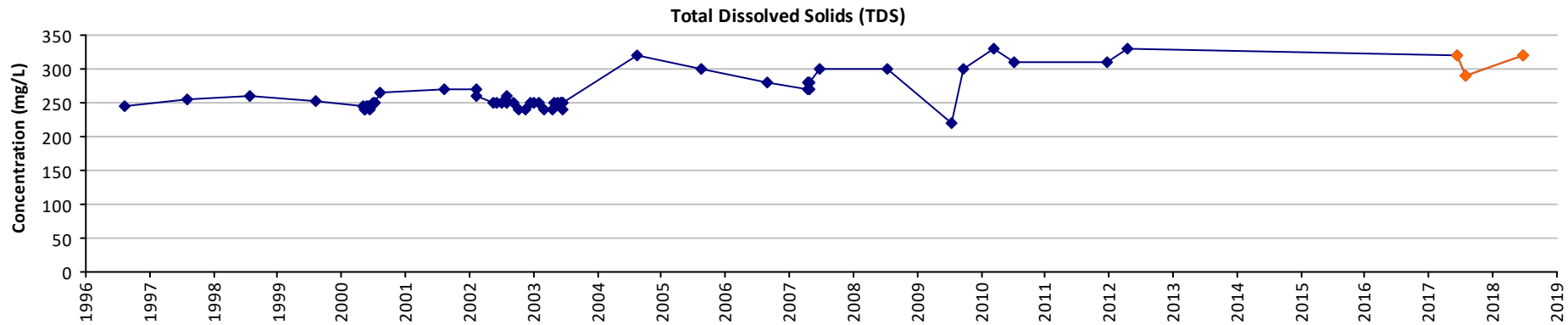

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

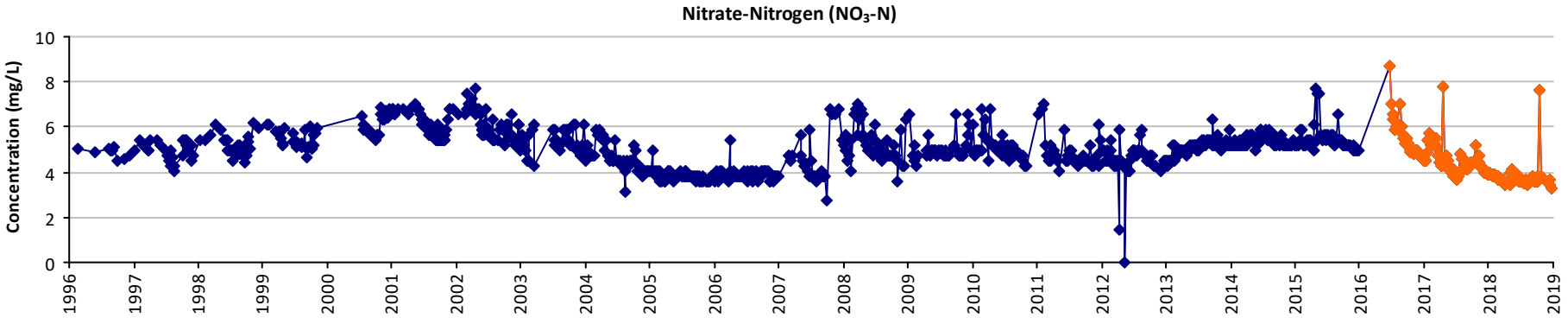


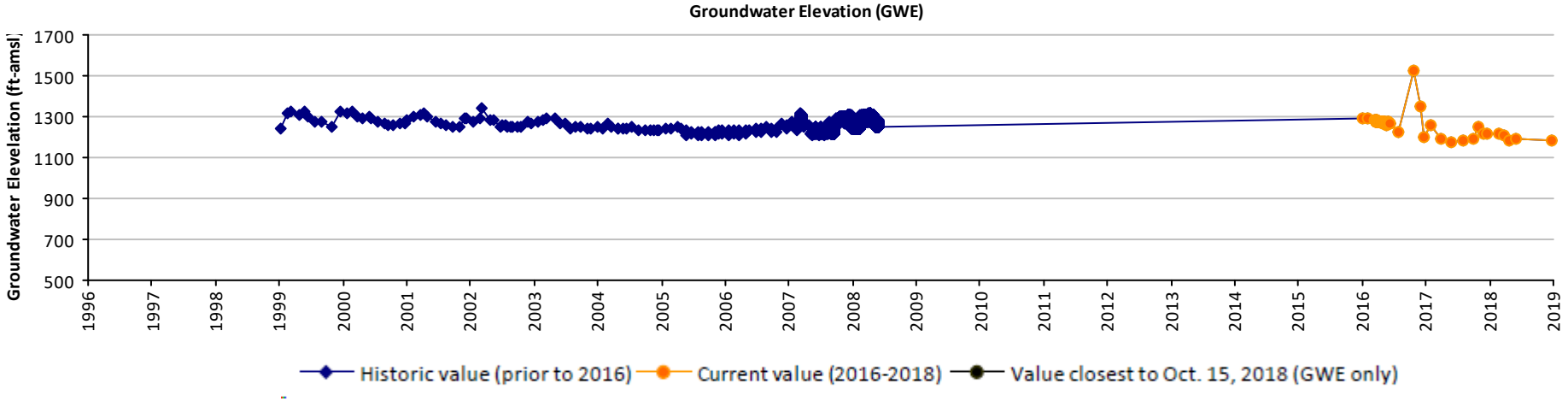
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

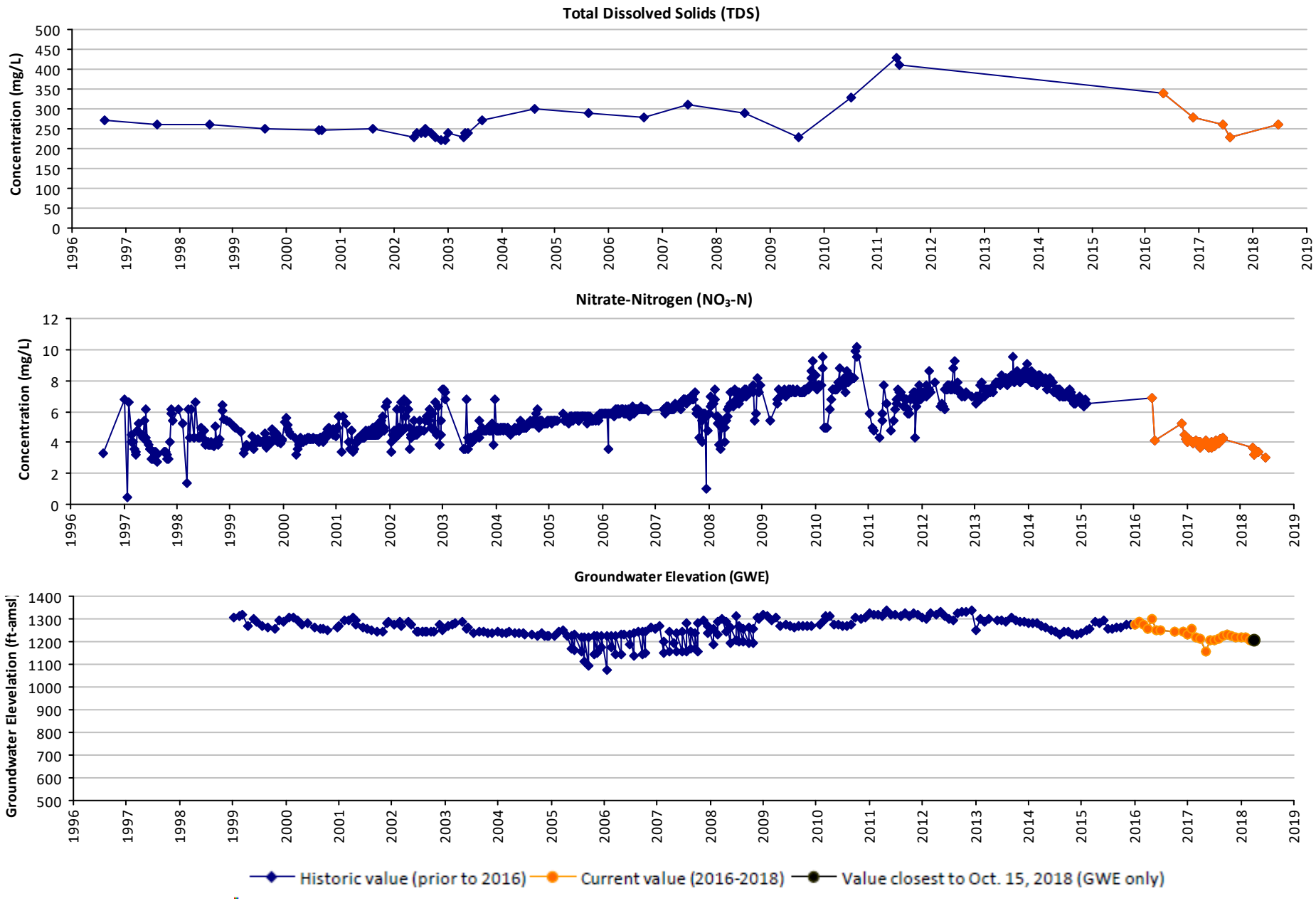
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

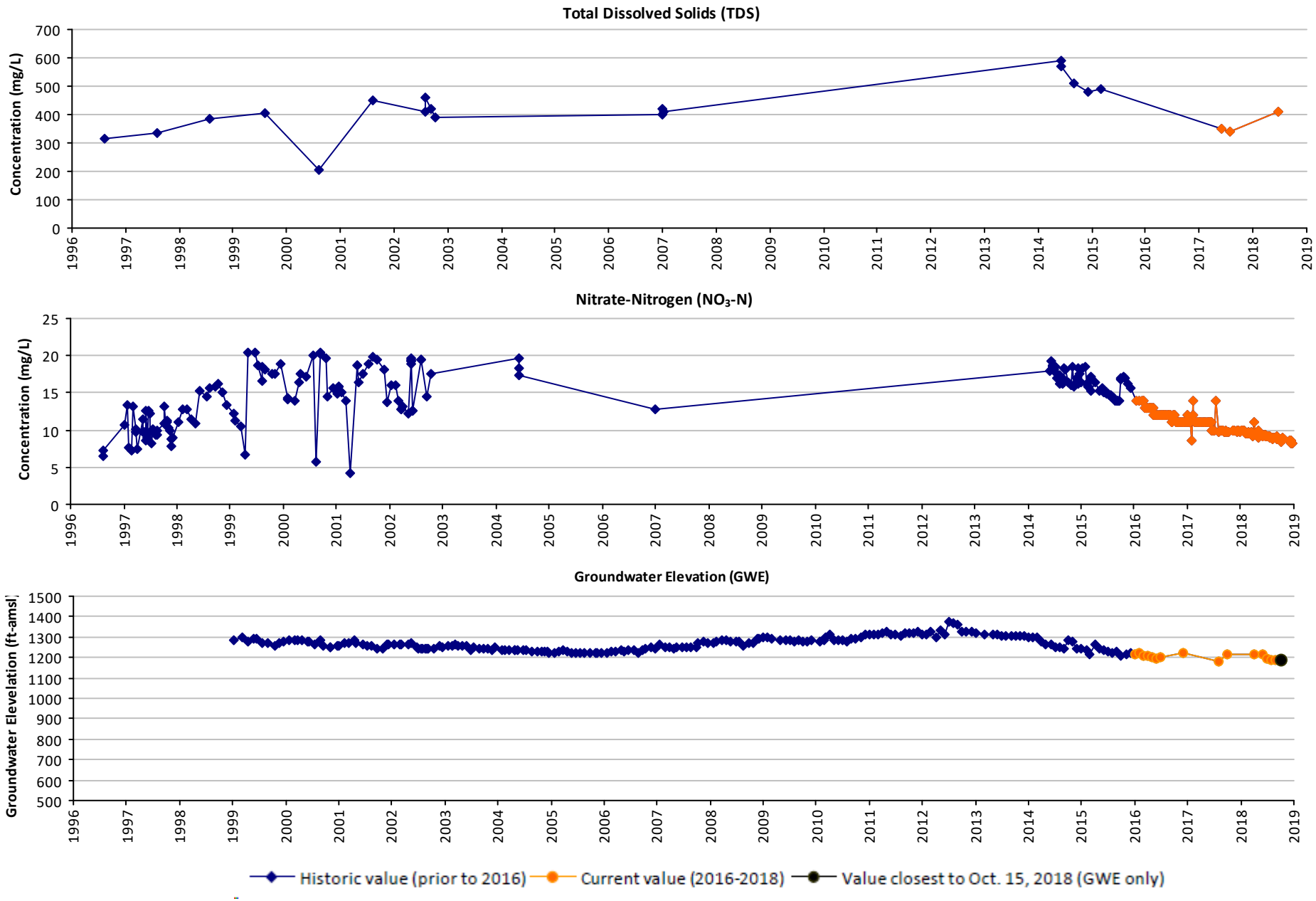
Well ID: 1000539
Management Zone: Cucamonga

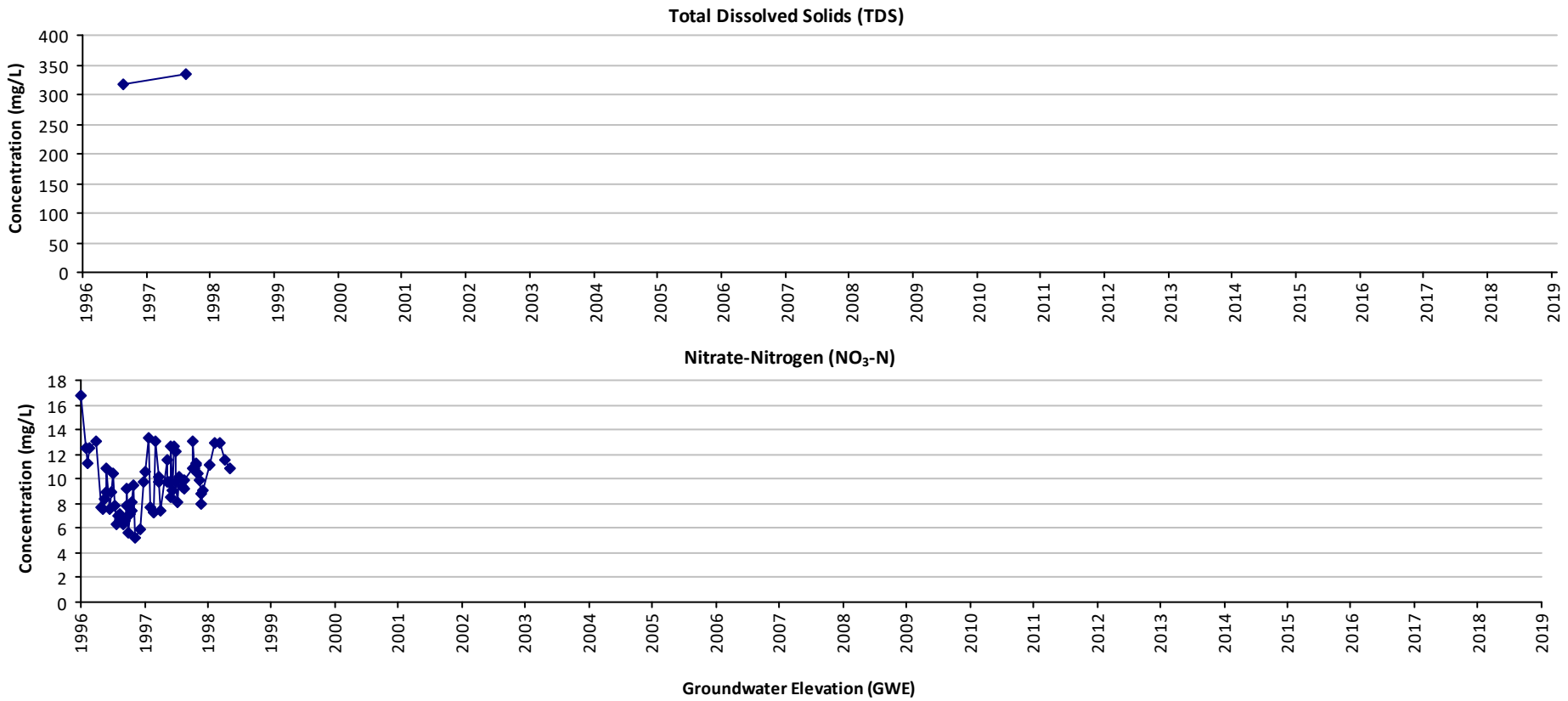


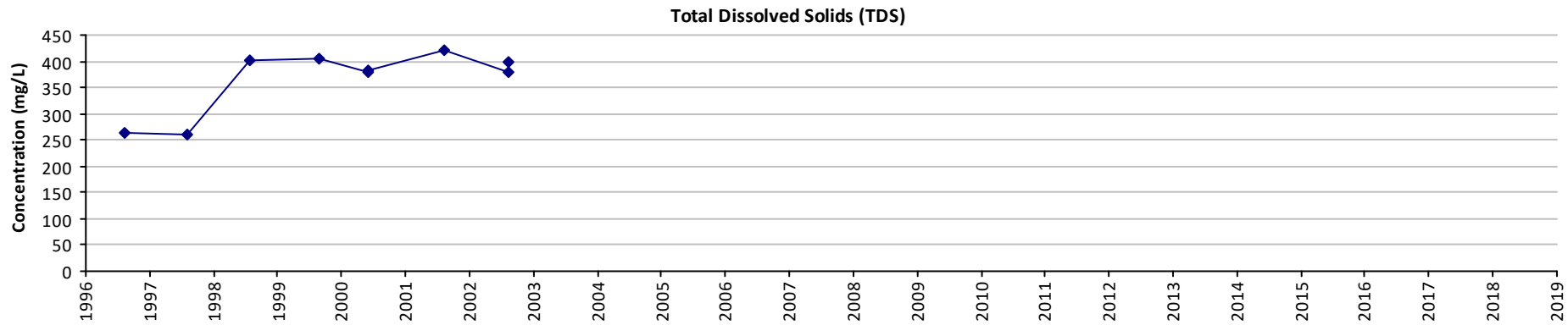


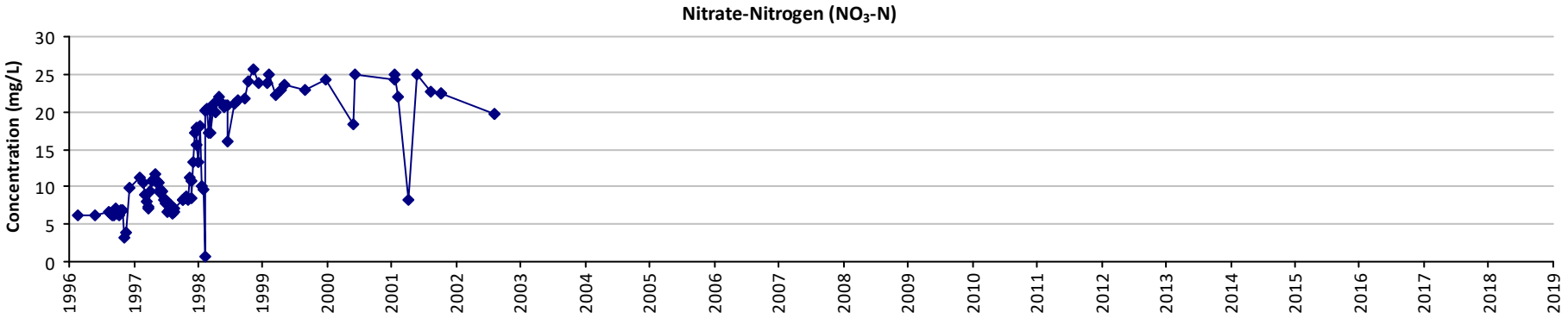


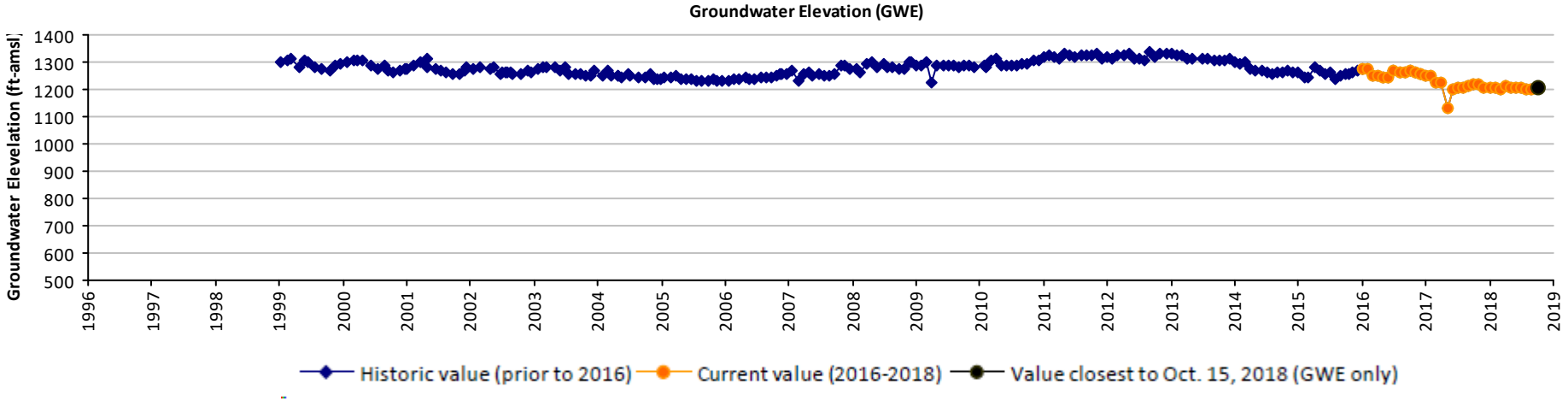

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

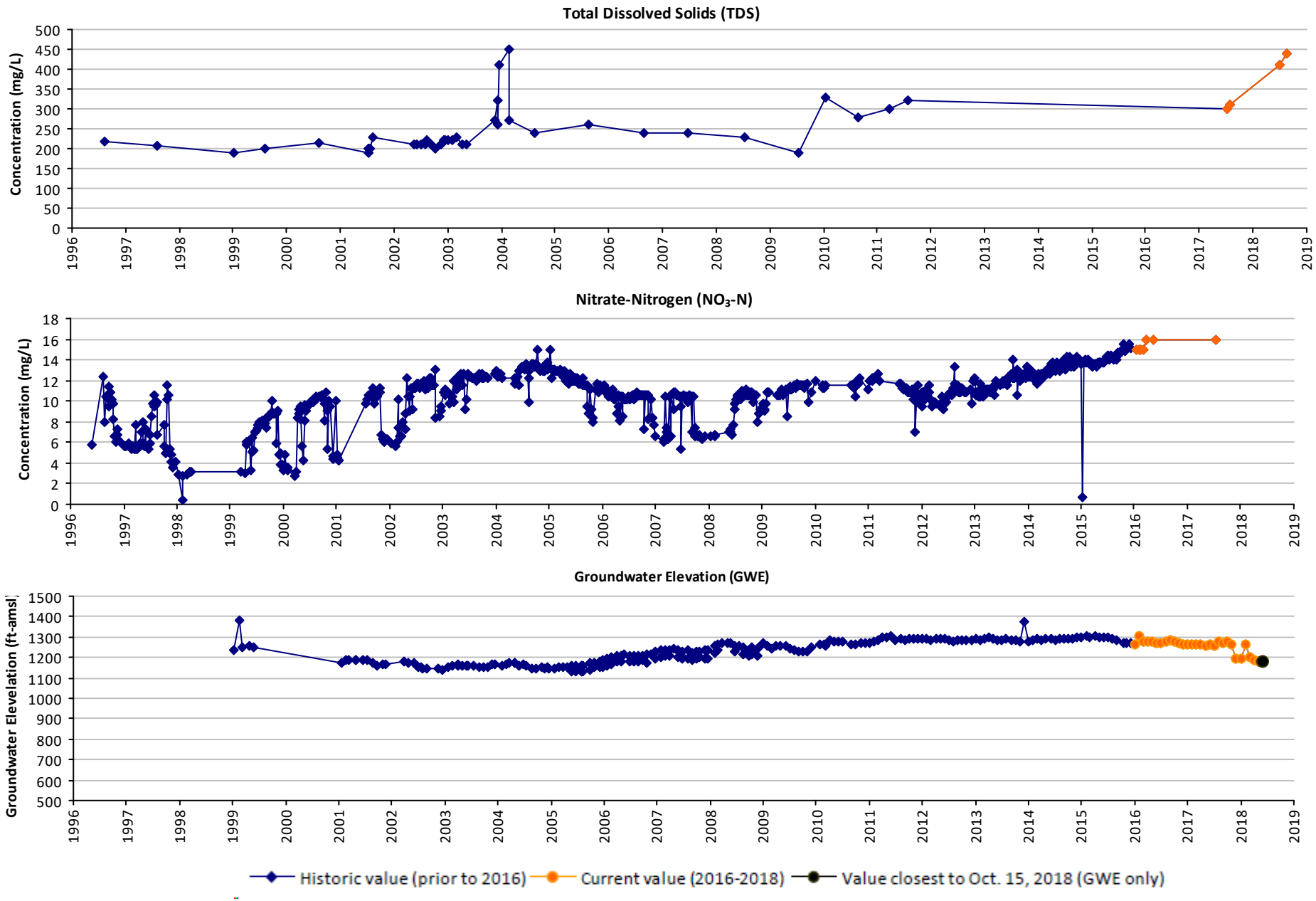

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

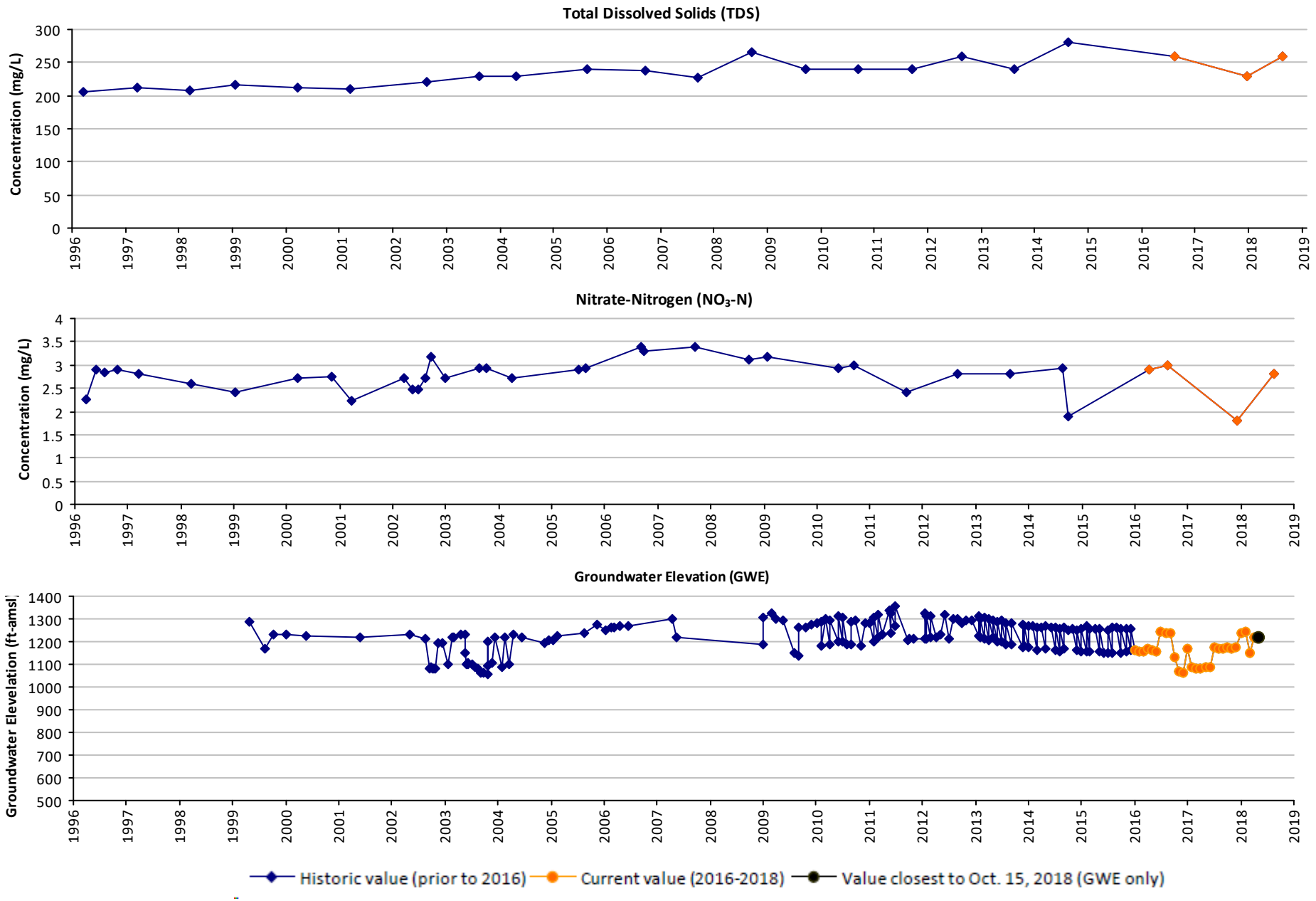

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

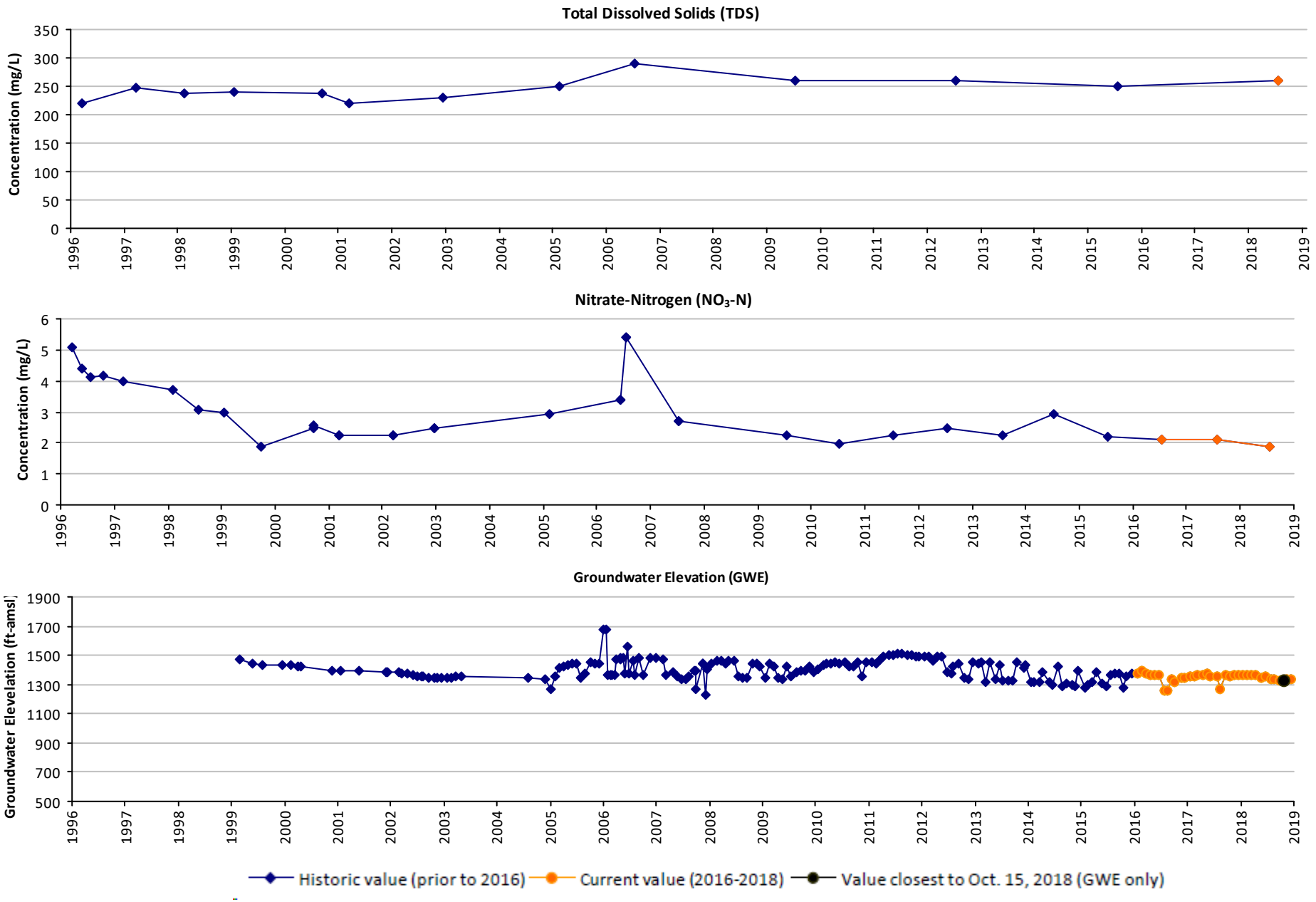

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

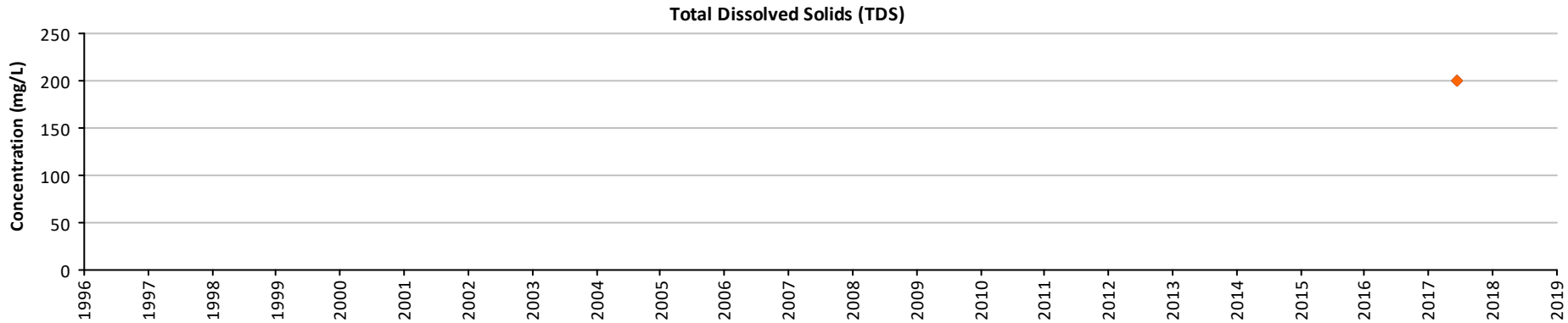

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

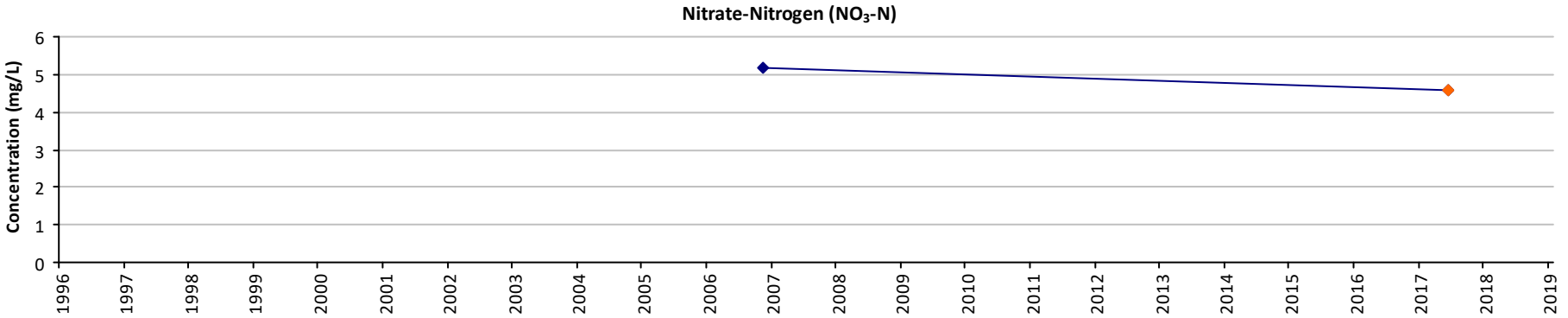

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

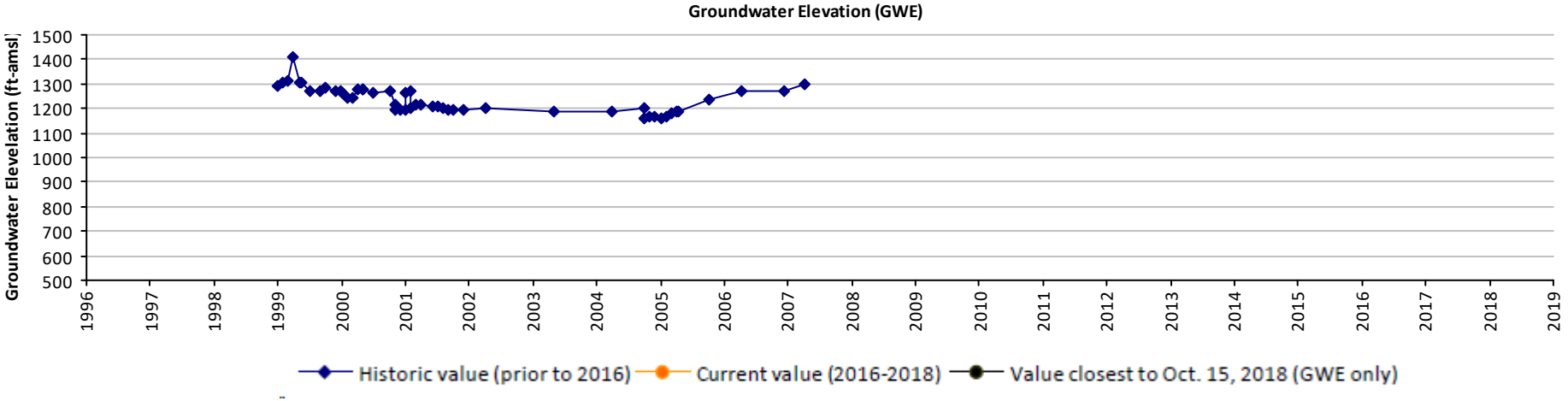

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

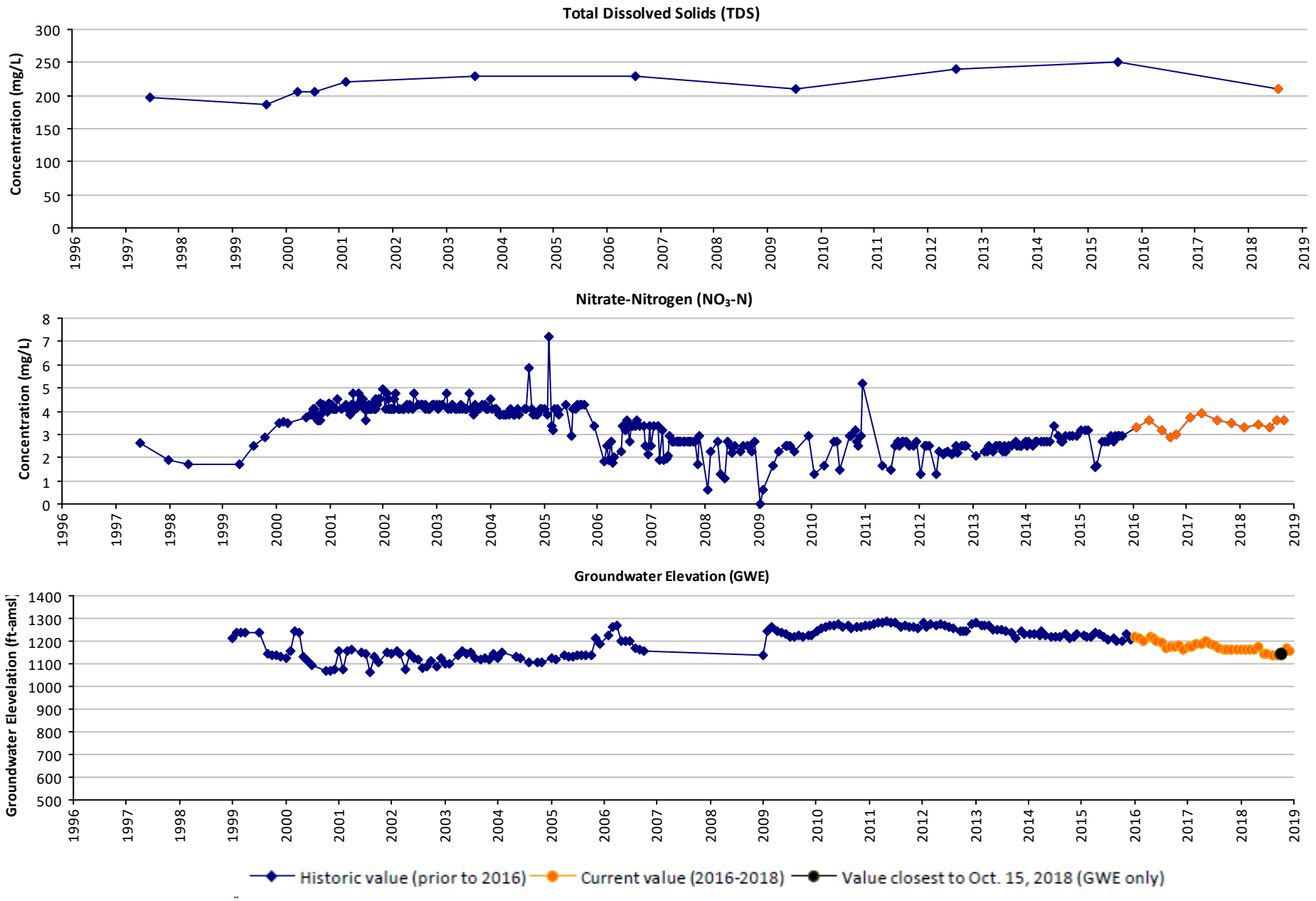

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

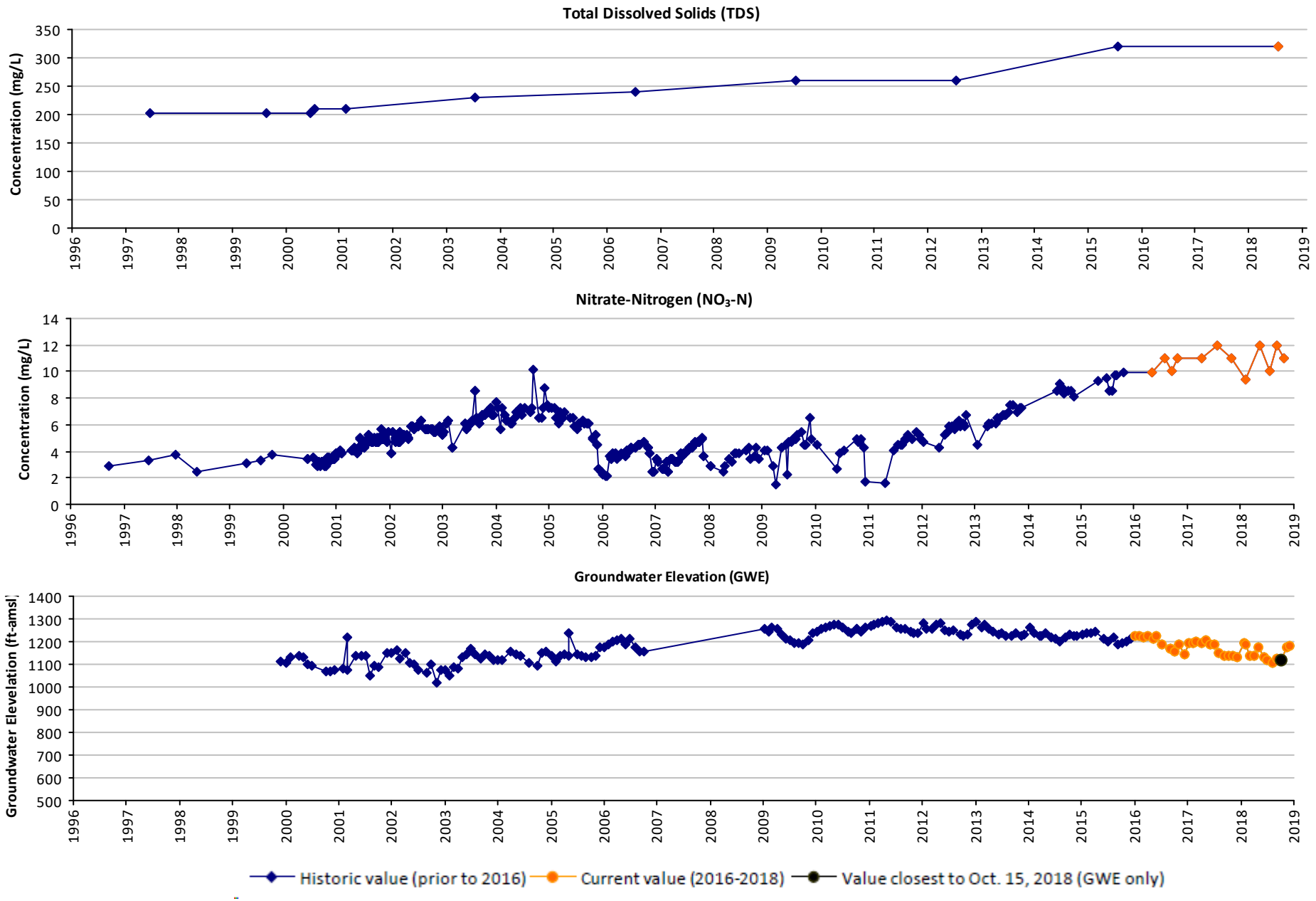

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

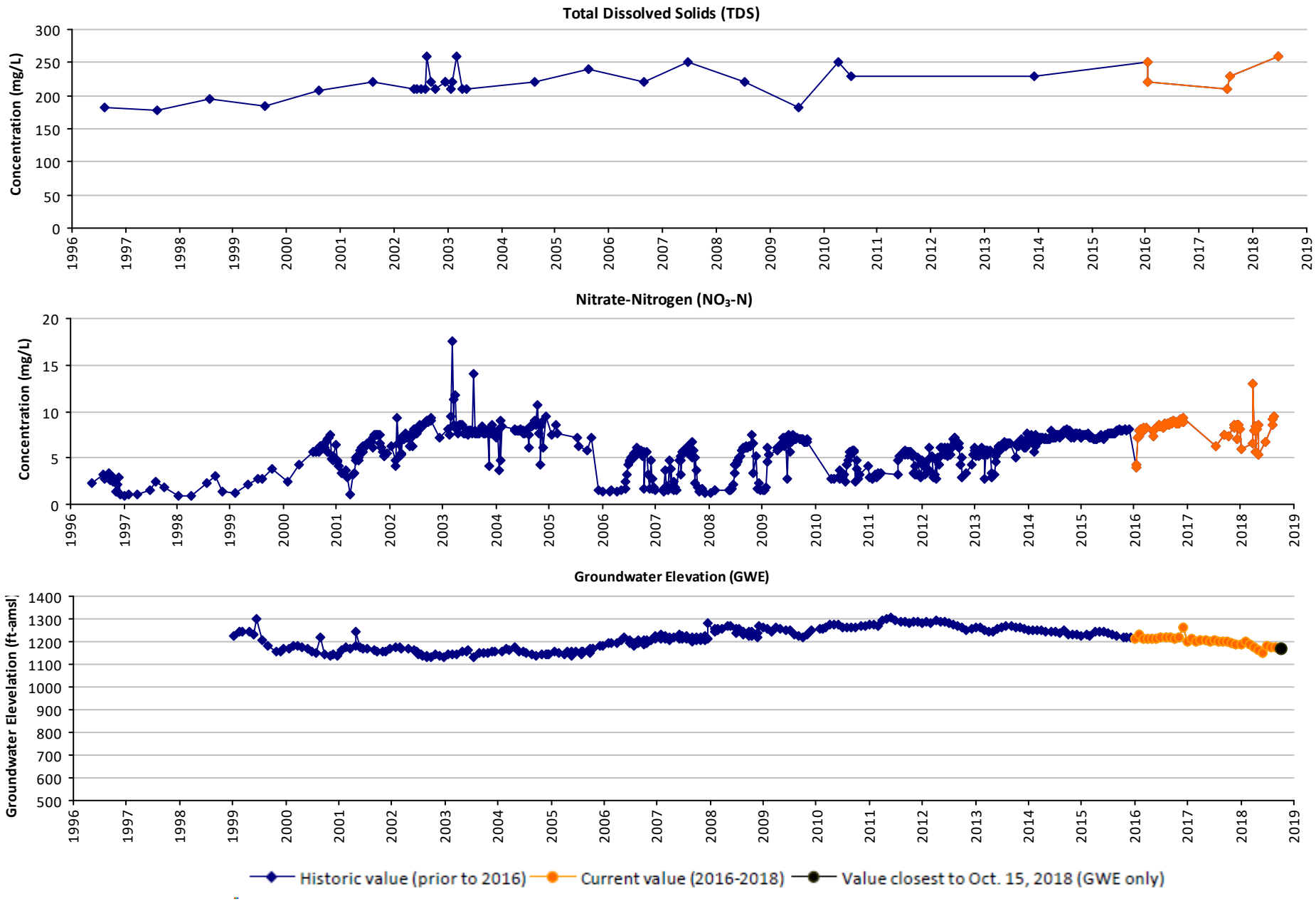

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

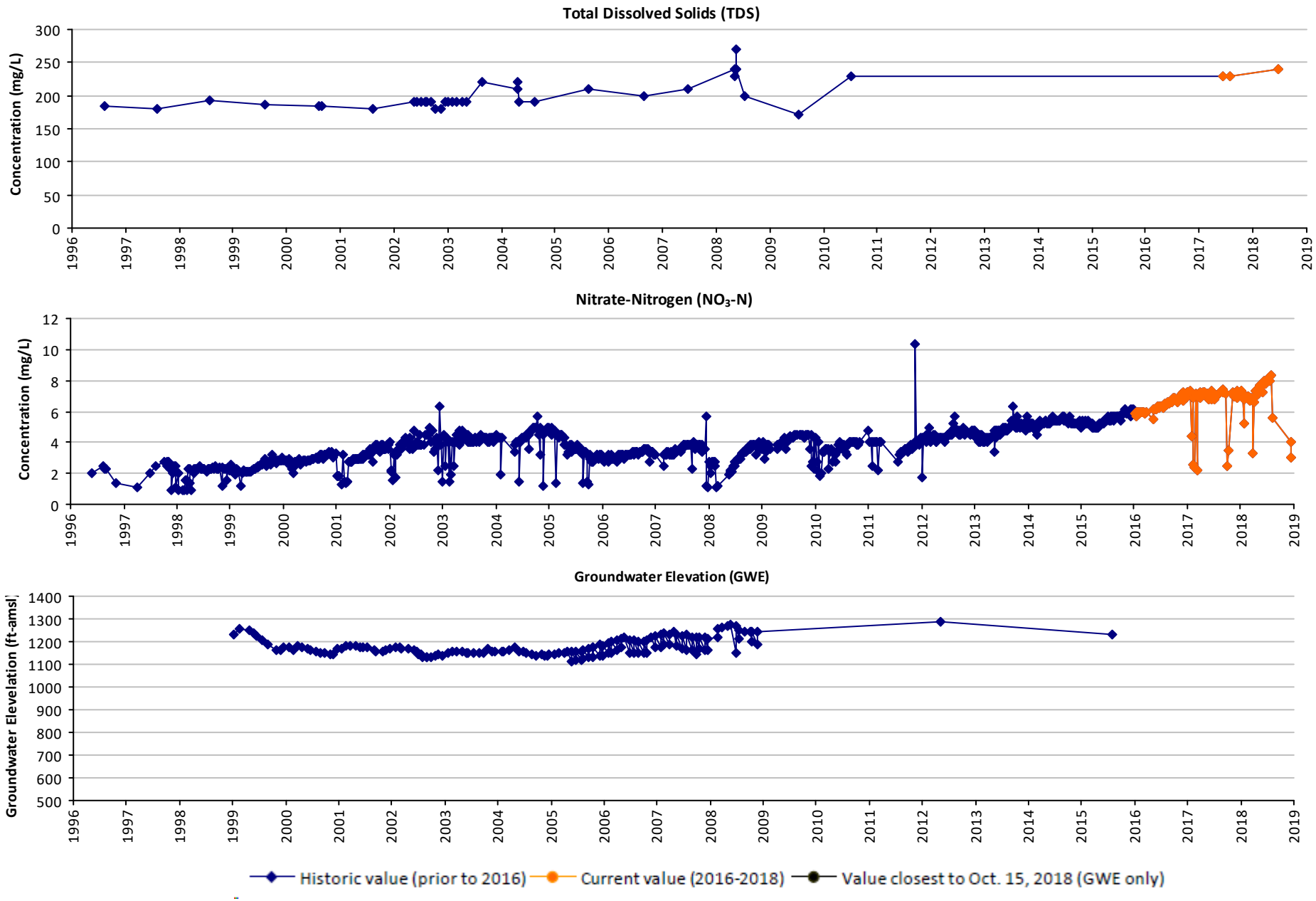

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

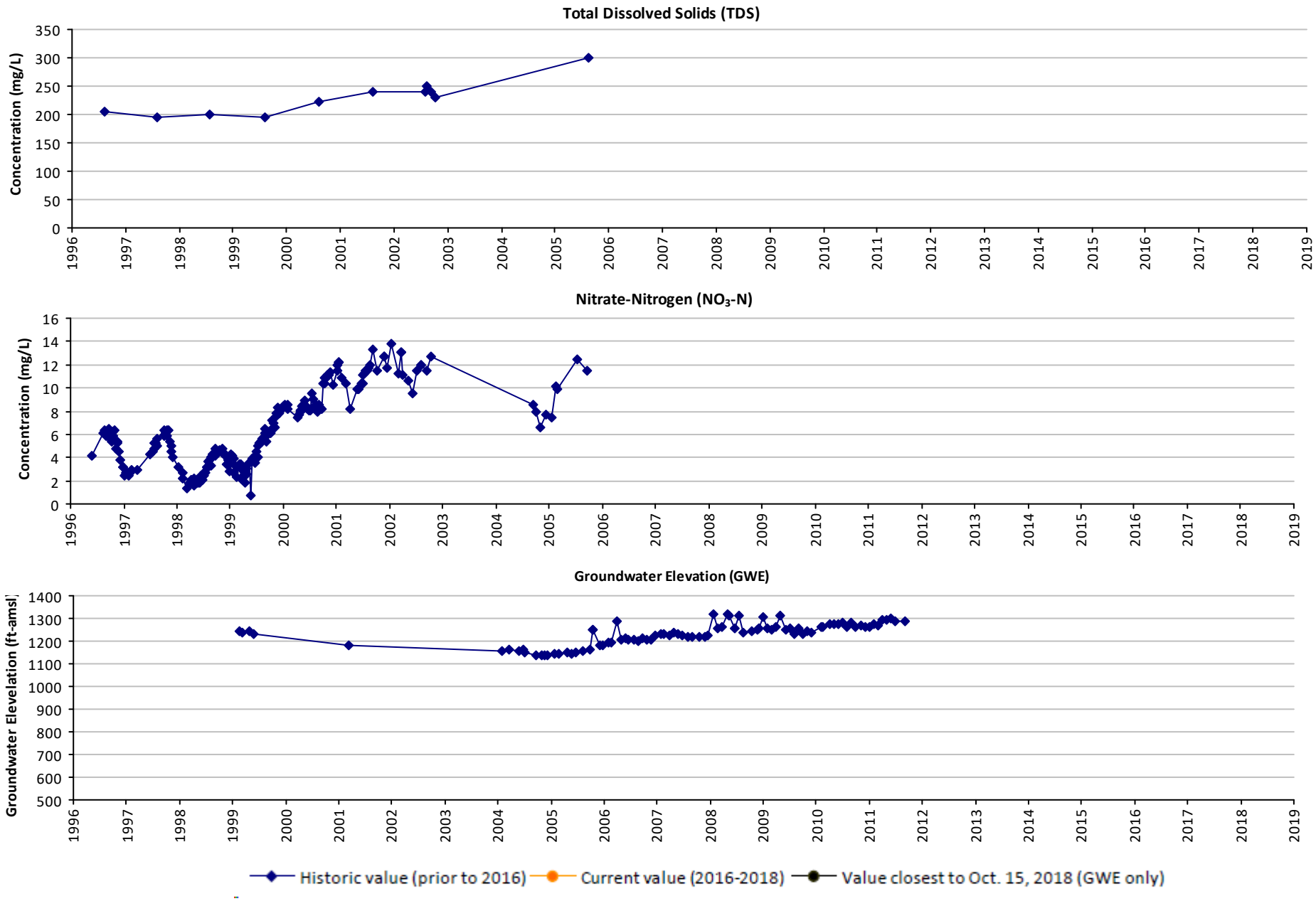

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

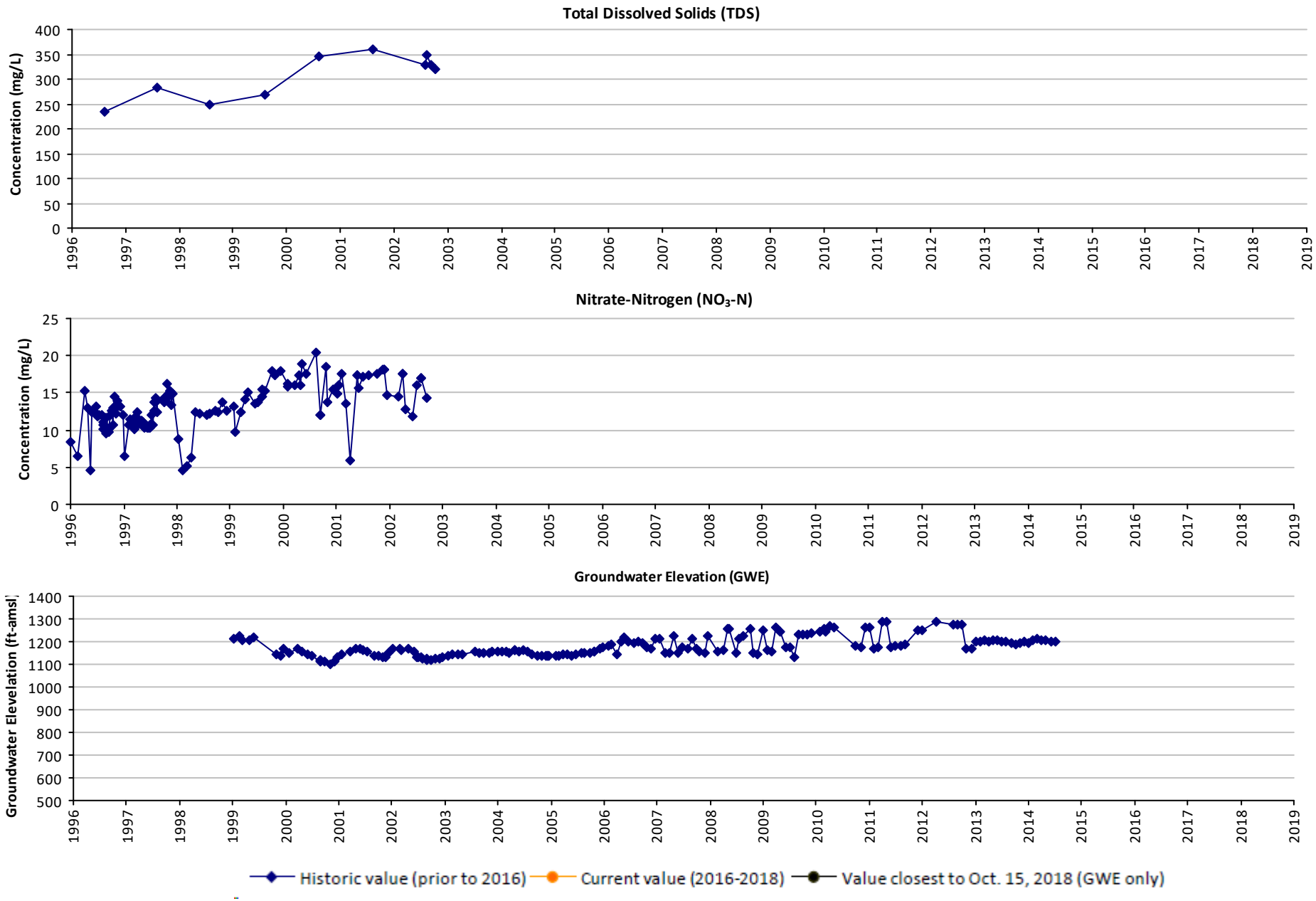

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

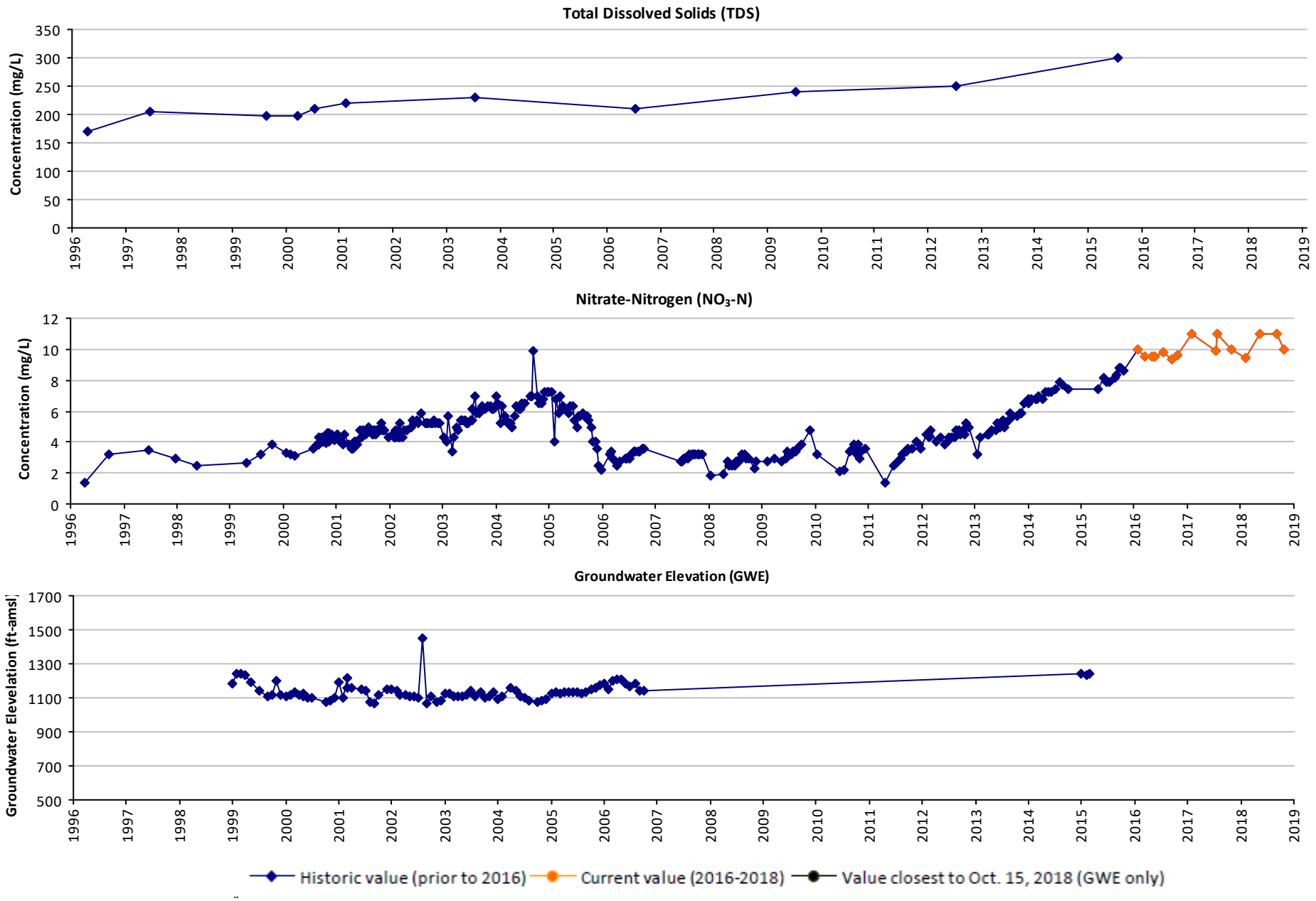

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

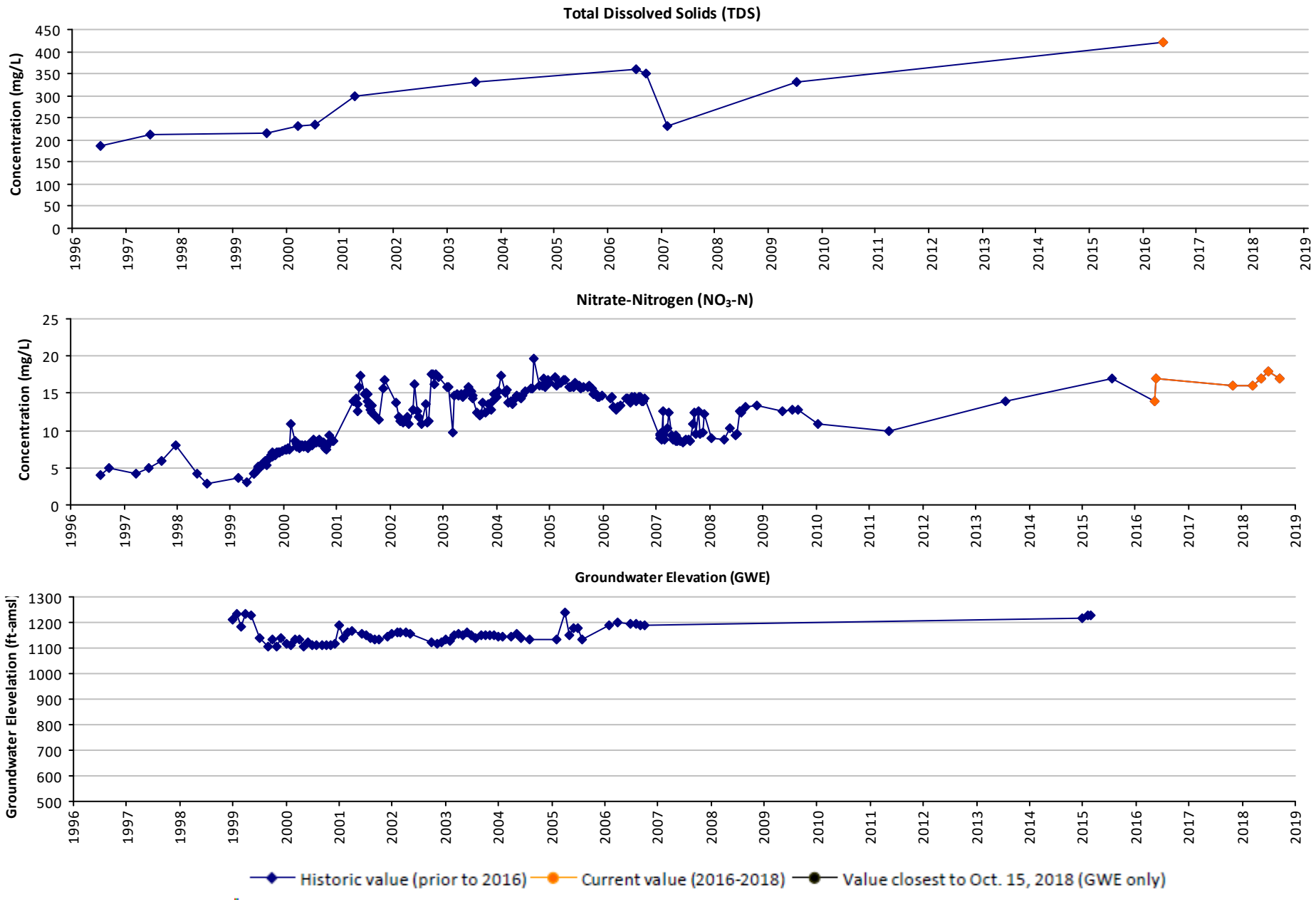

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

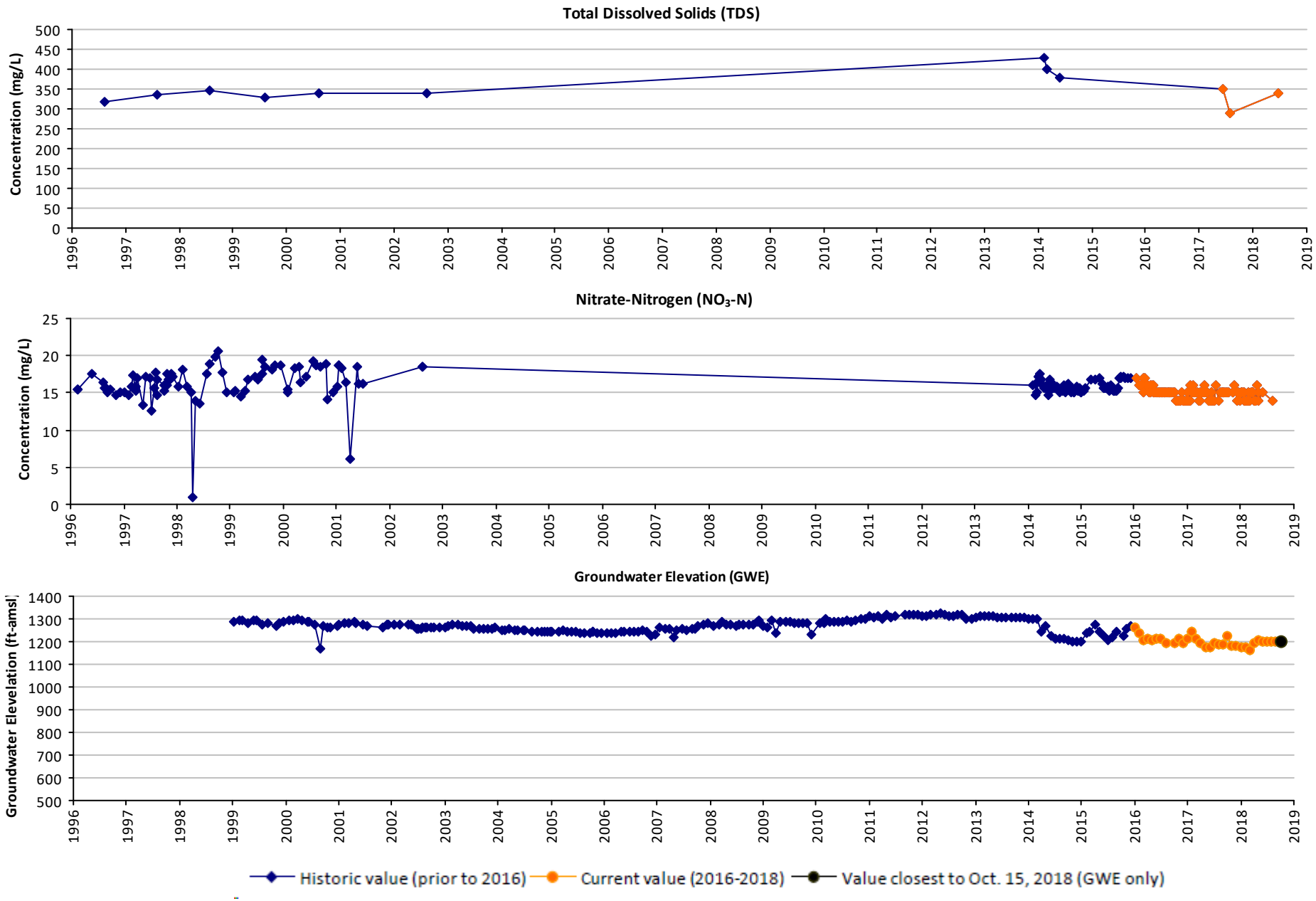

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

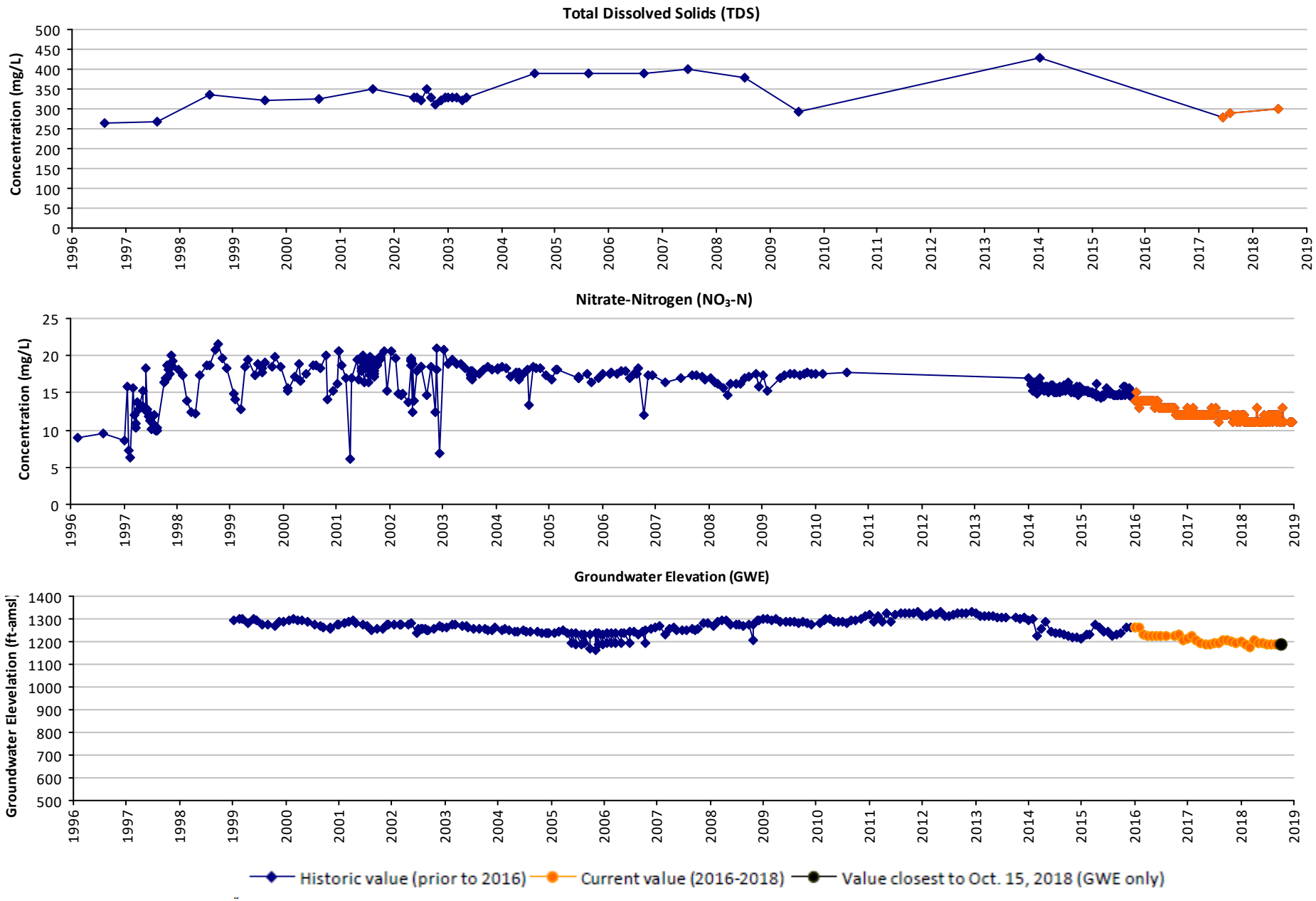

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

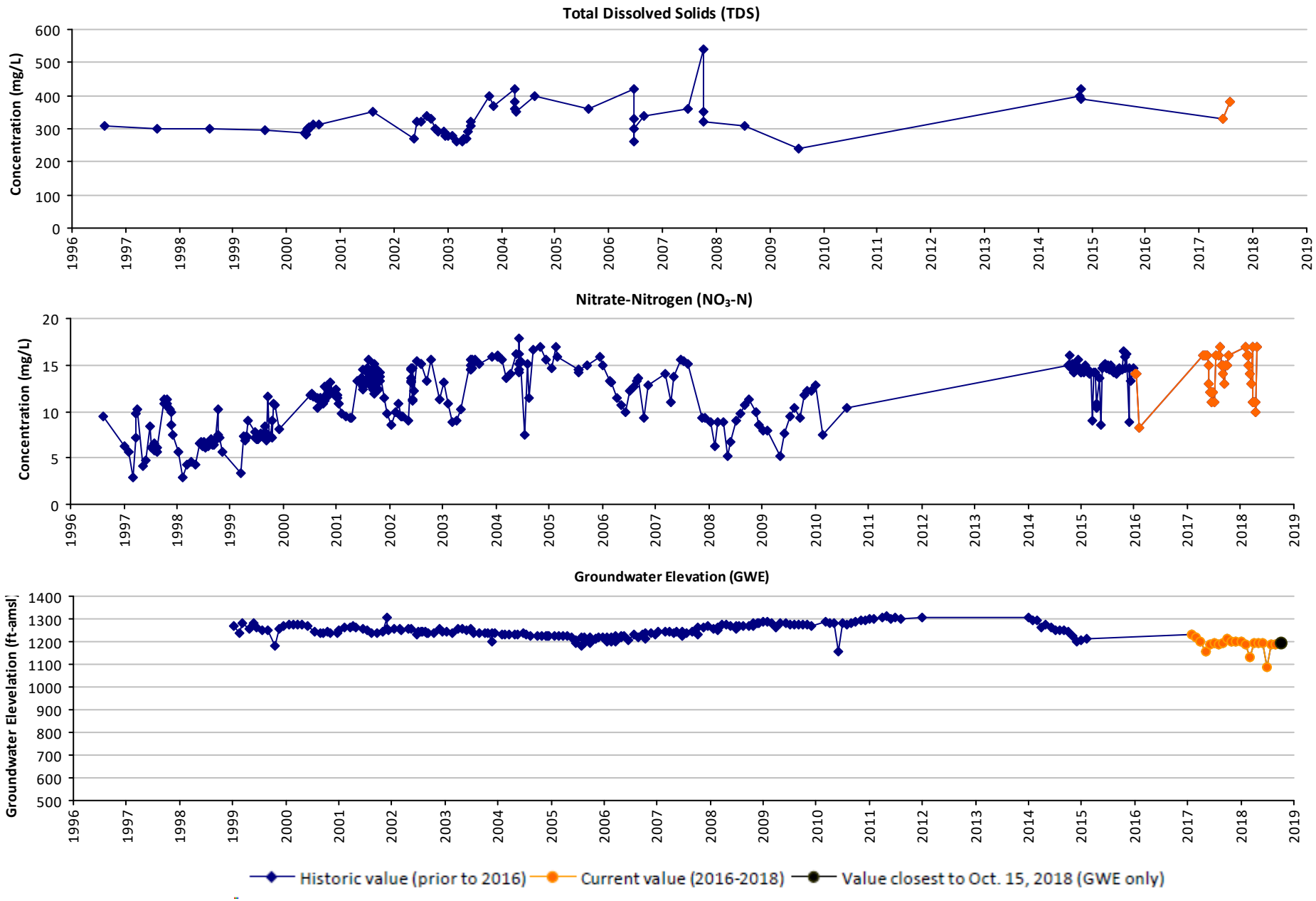

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

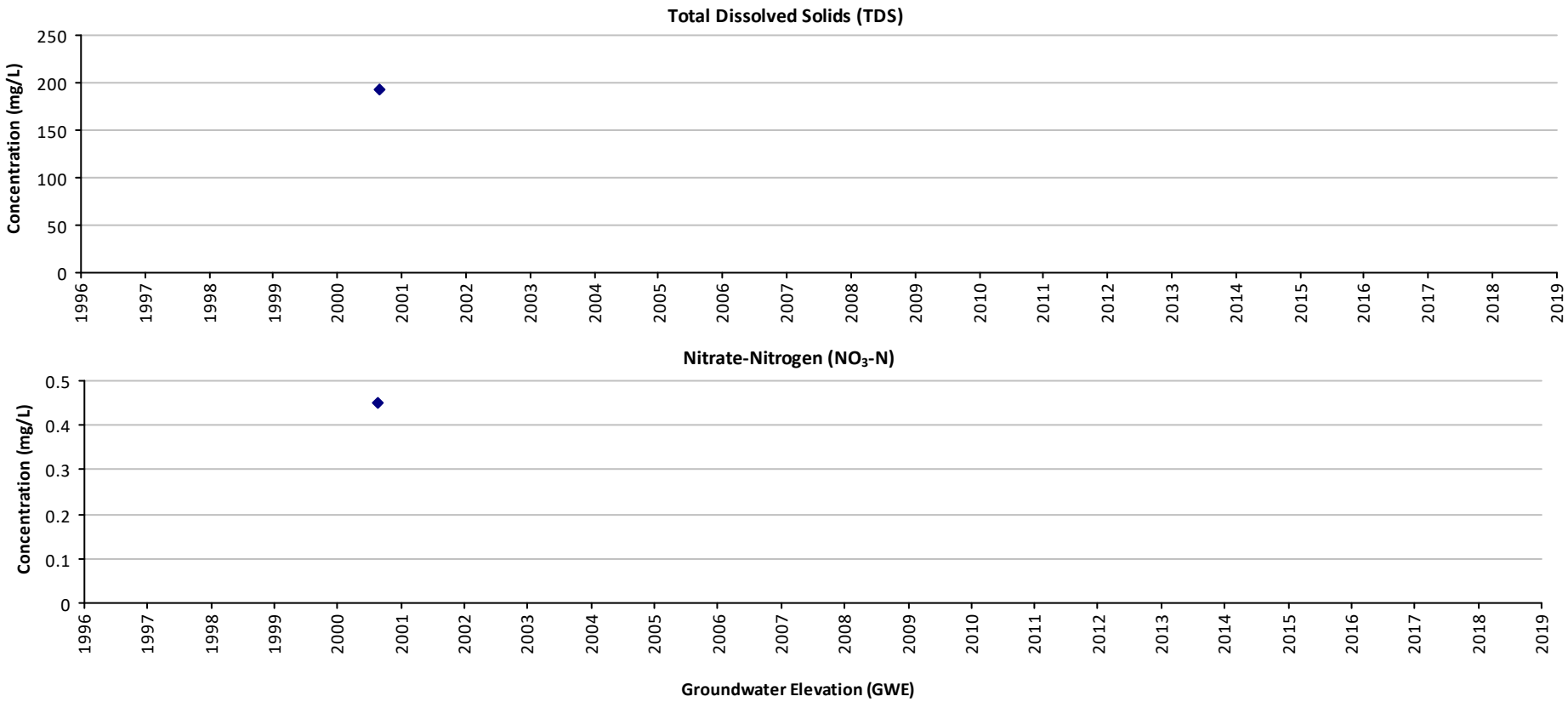

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

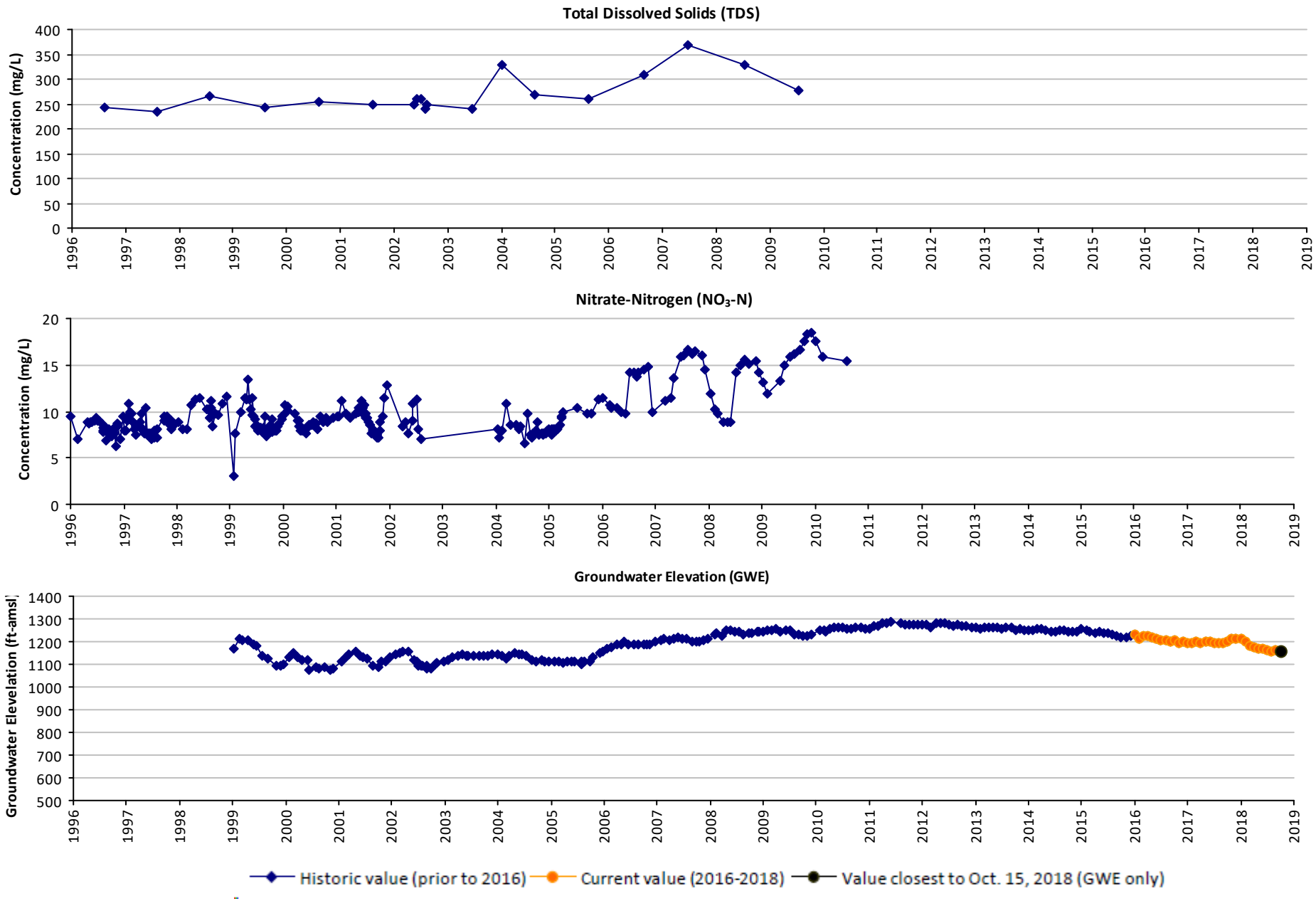

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

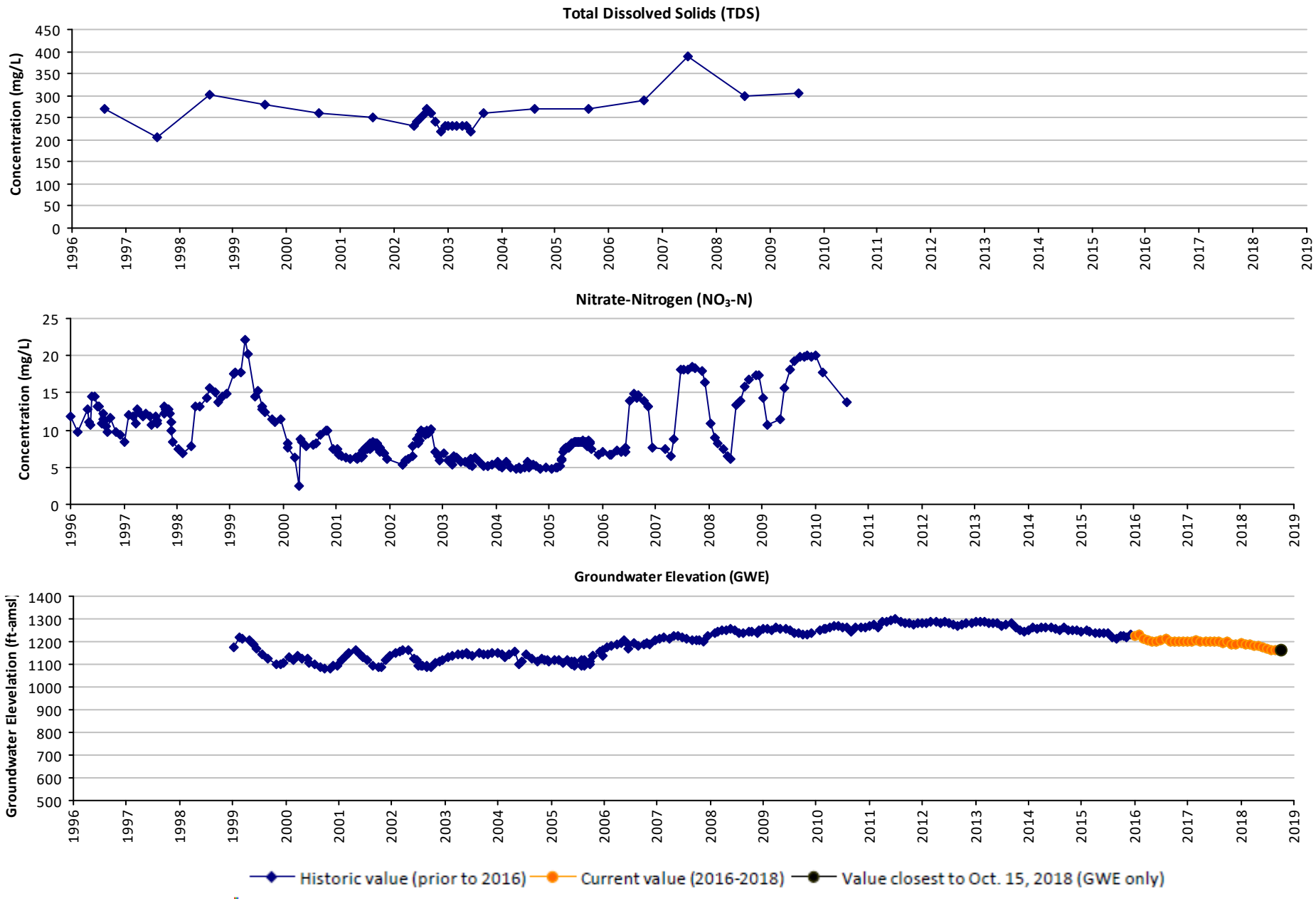

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

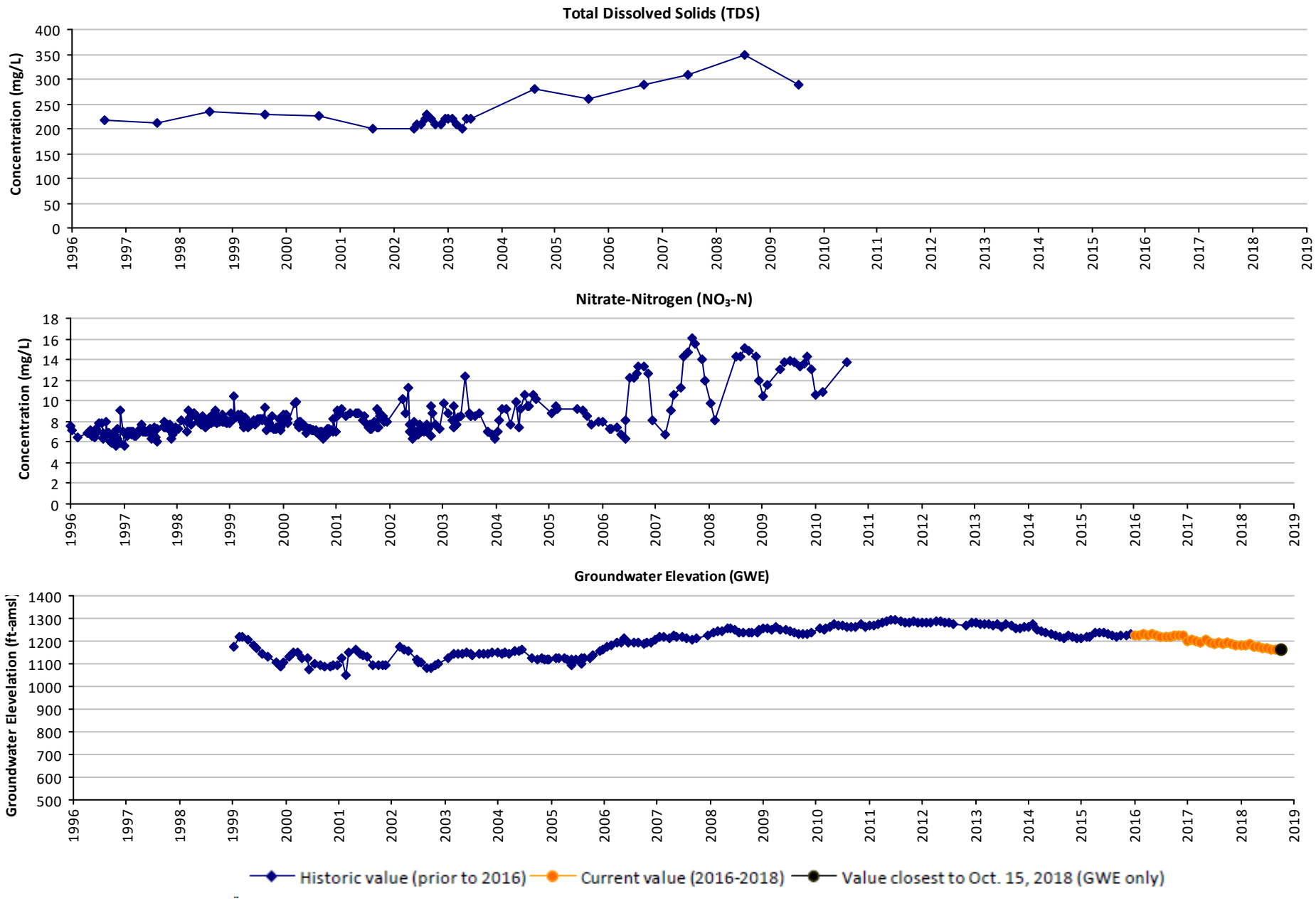

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

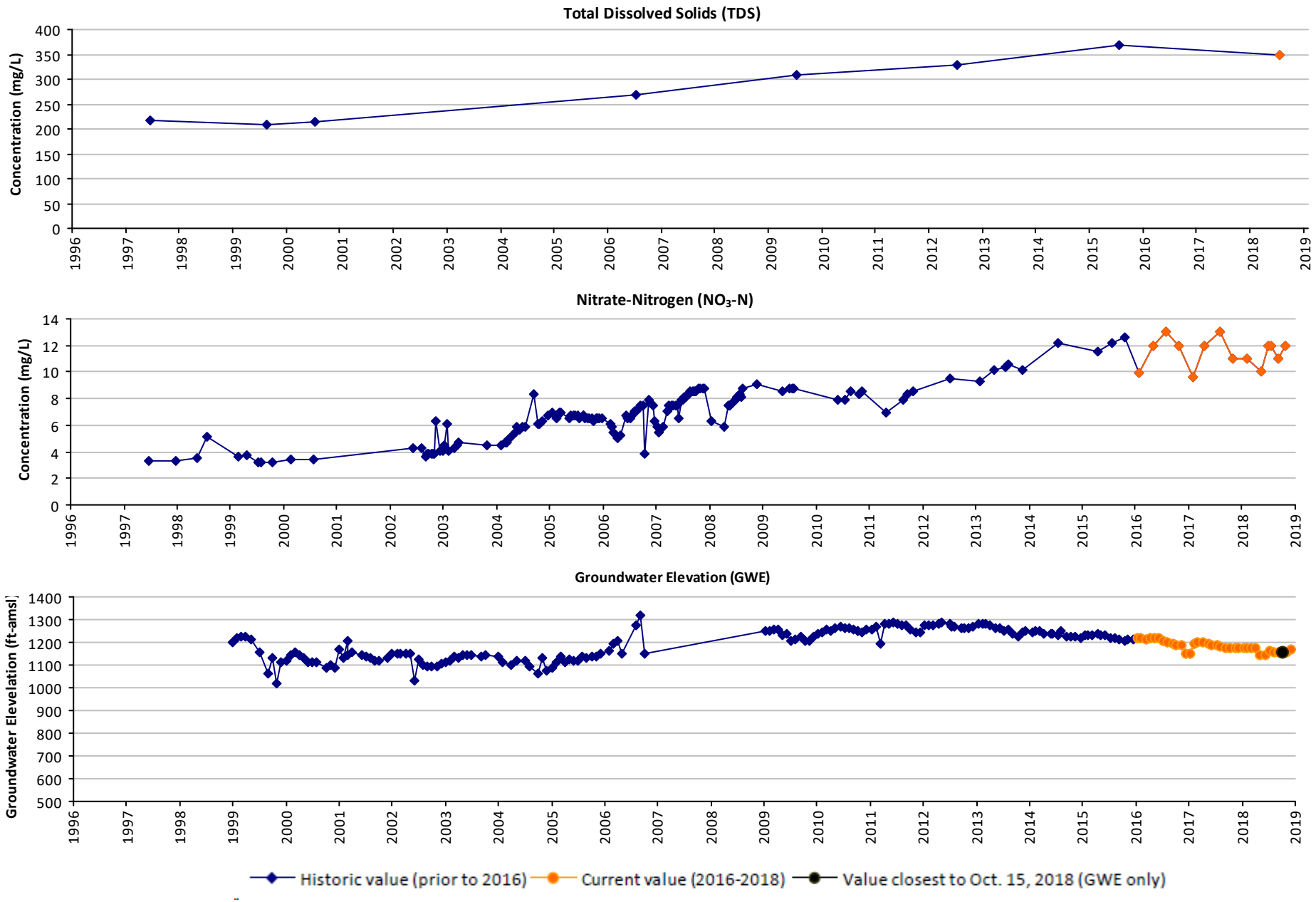

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

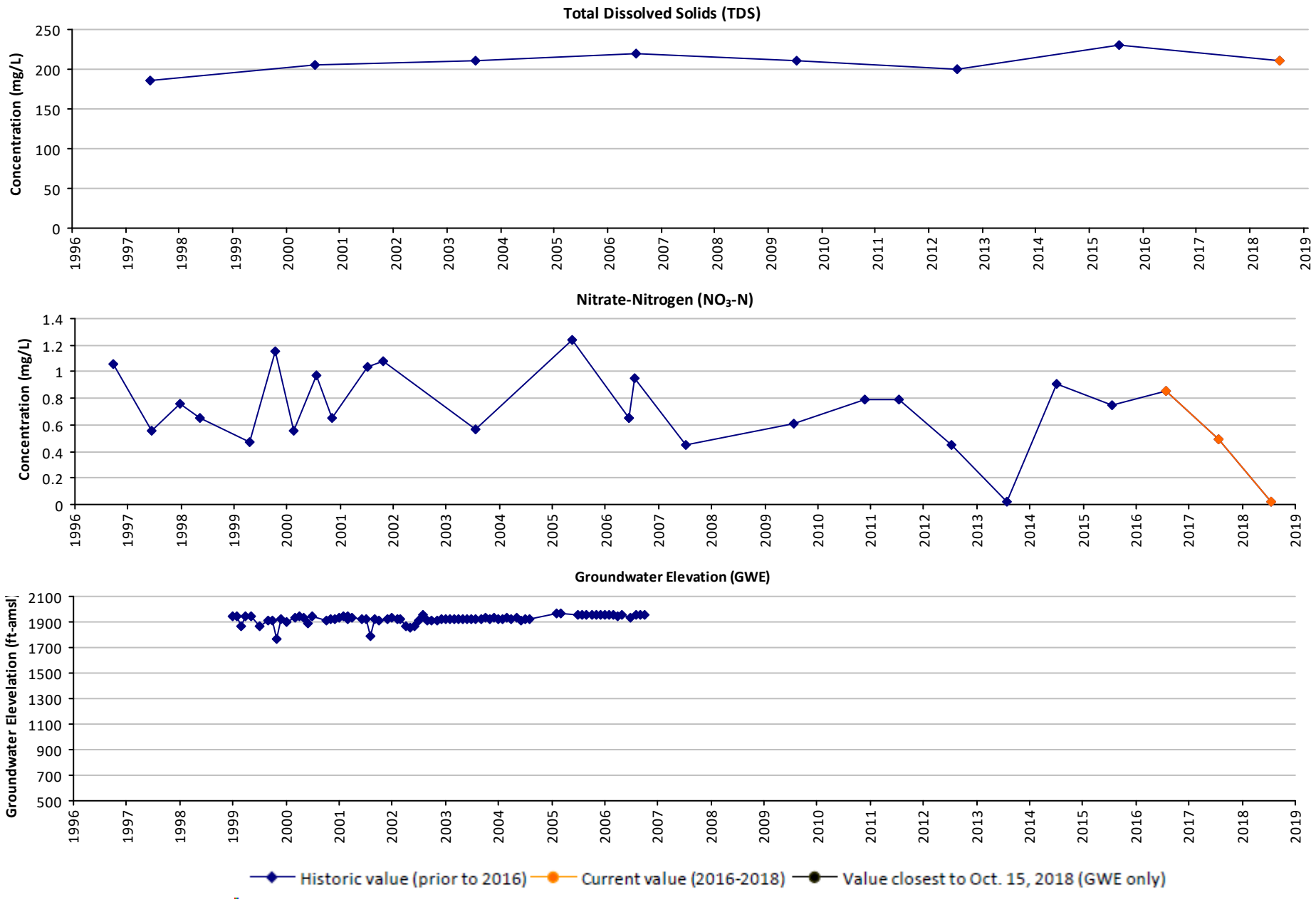

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

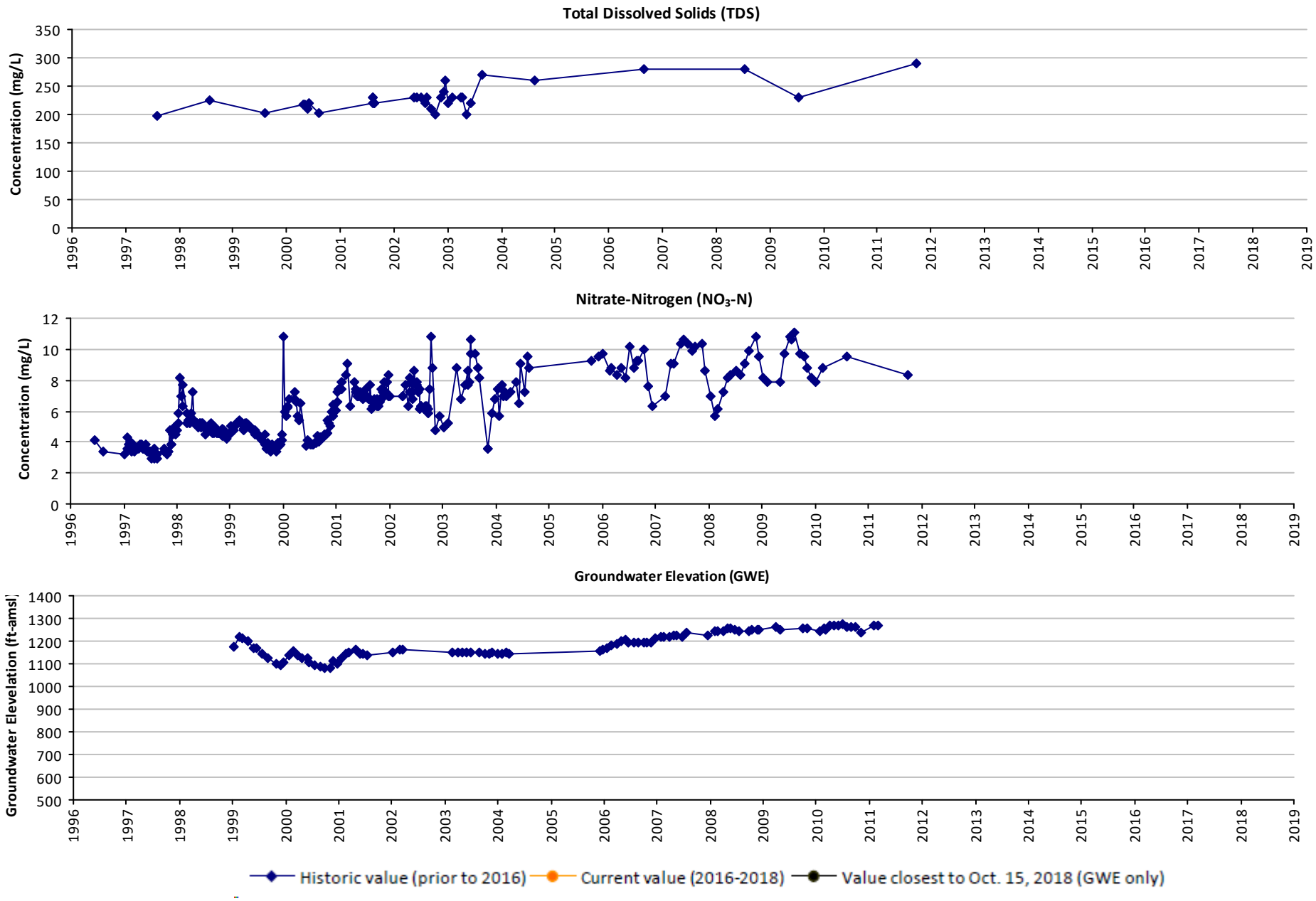

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

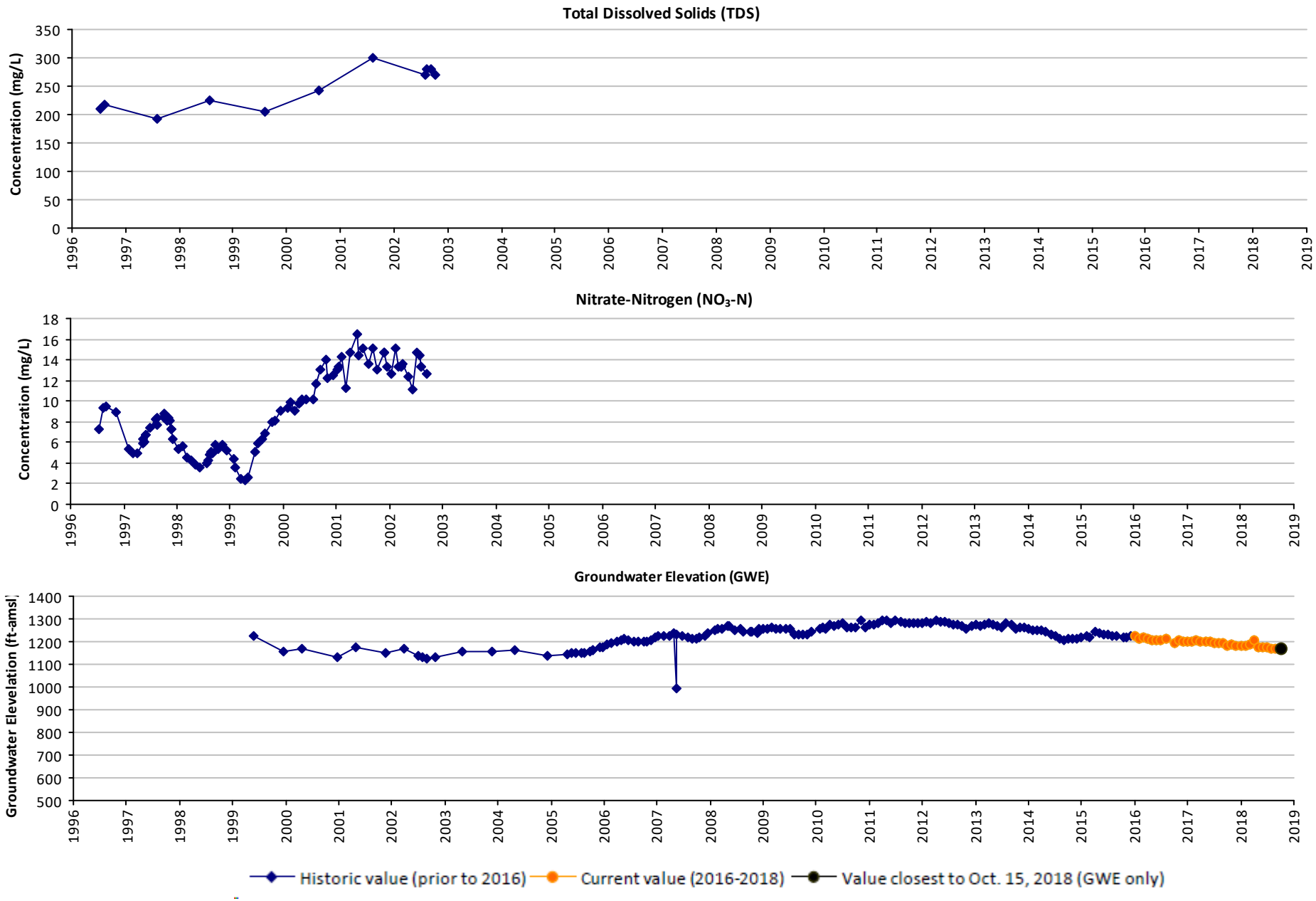

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

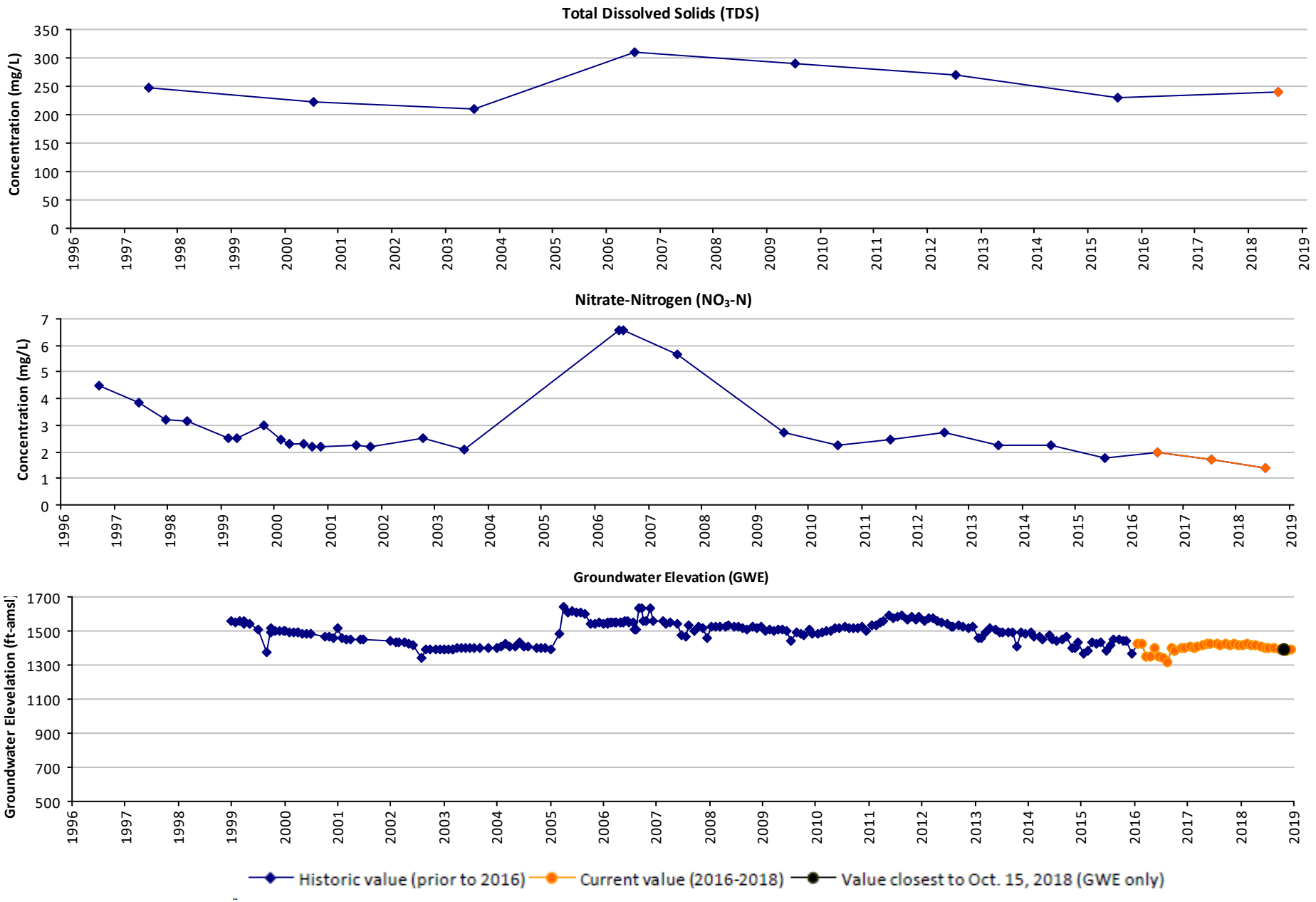

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

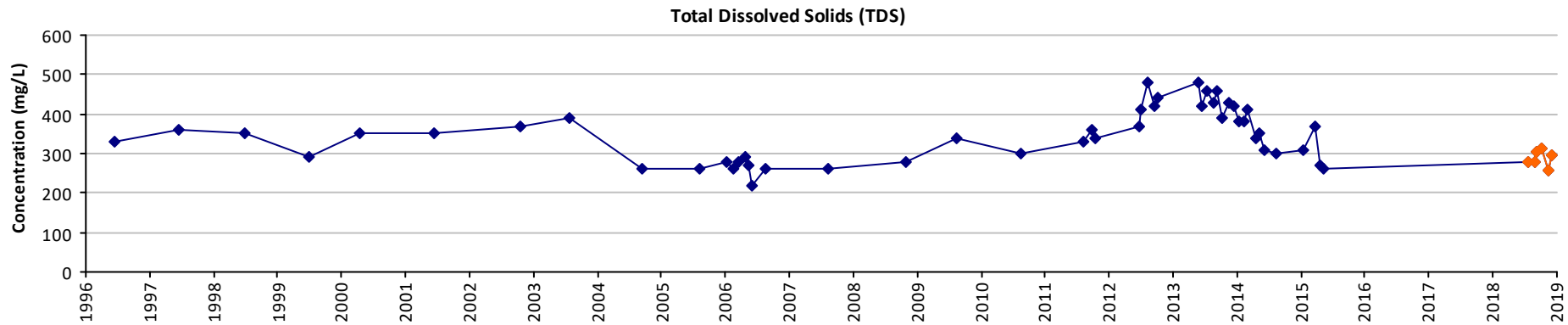

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

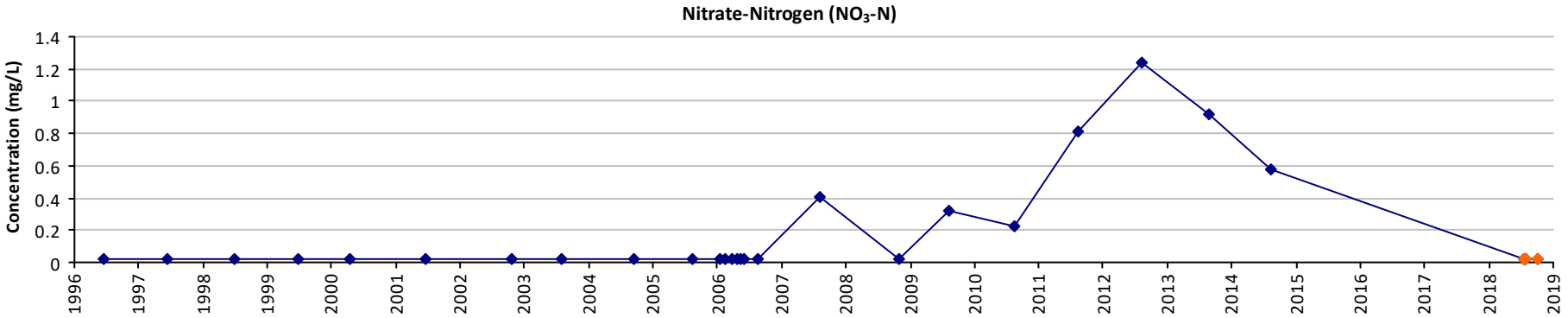

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

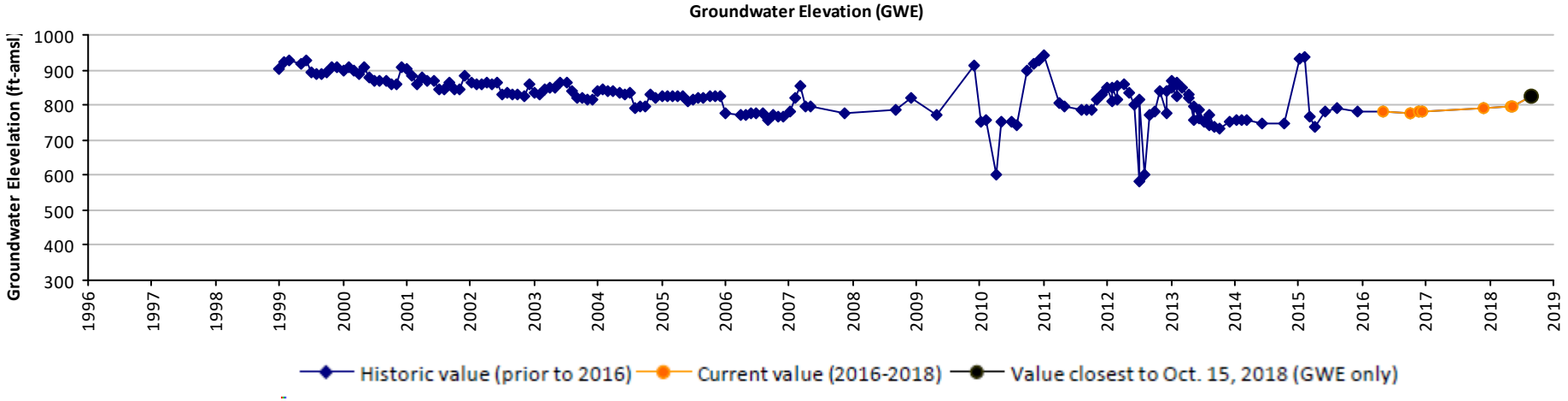

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

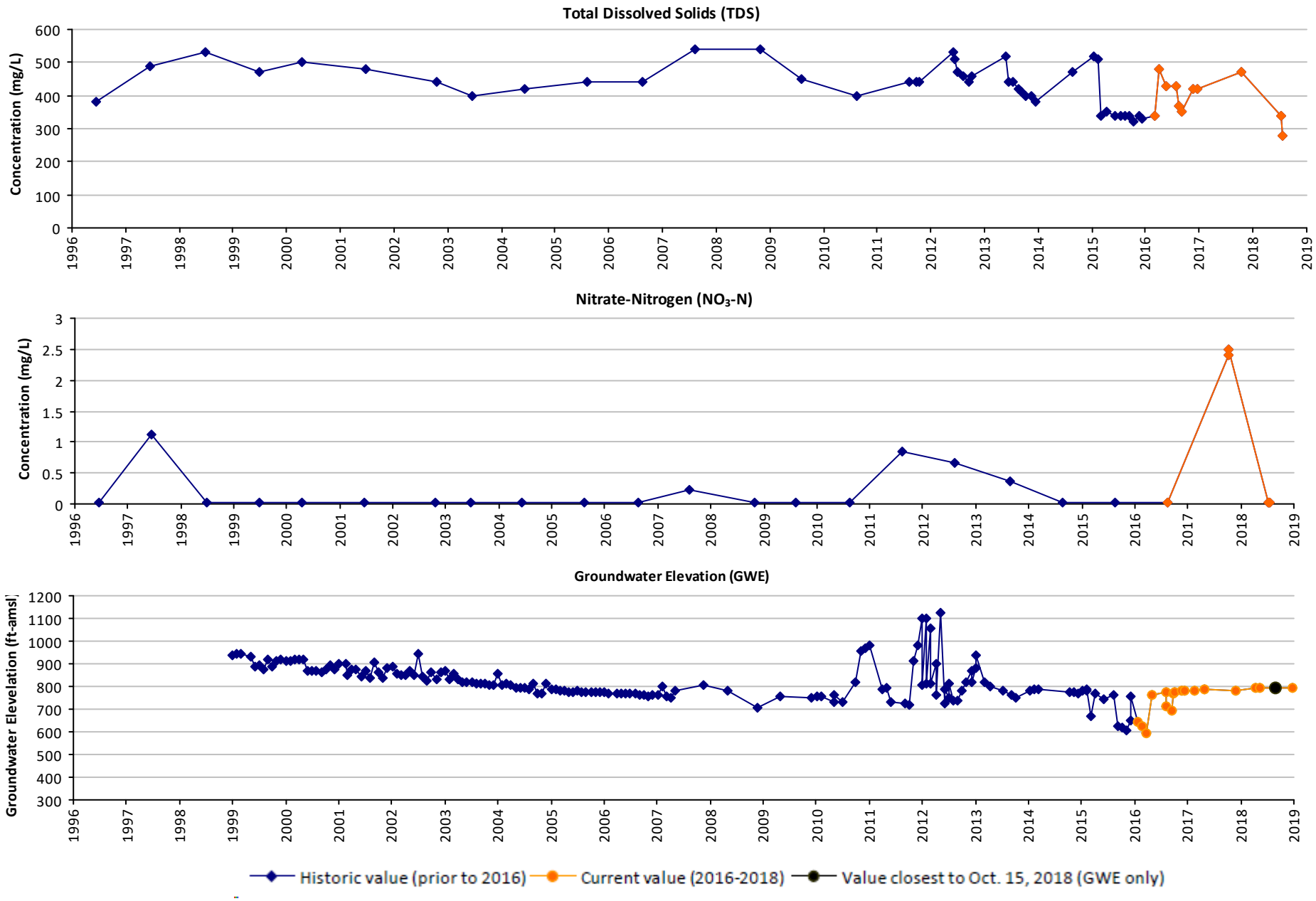
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

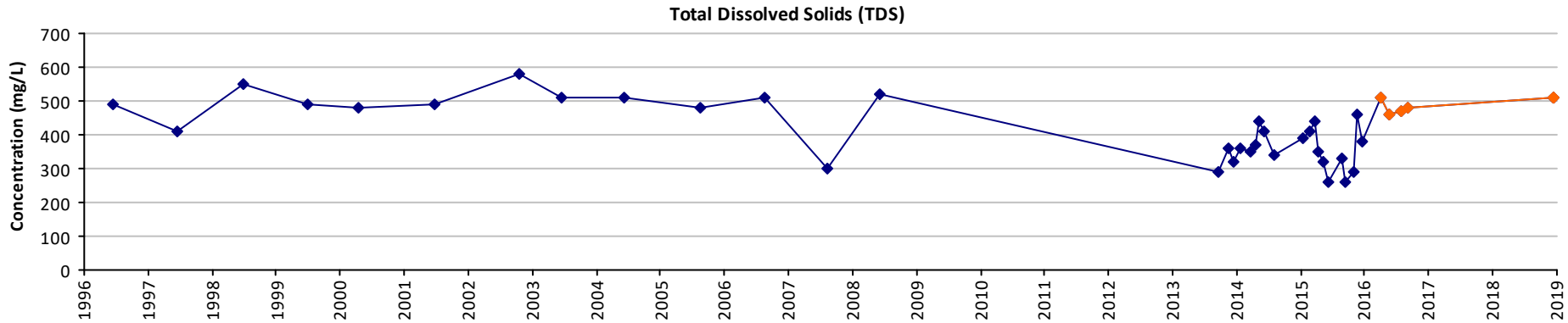
Well ID: 1005913
Management Zone: Elsinore

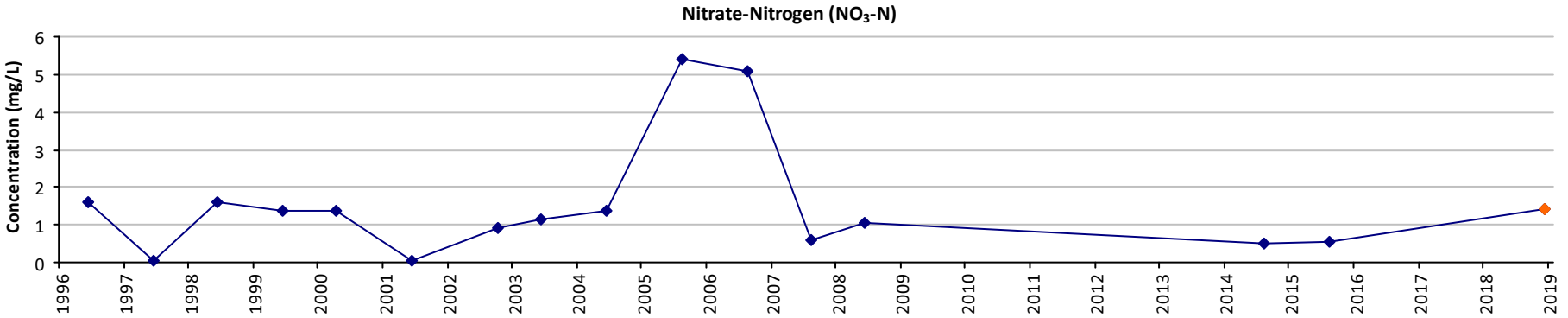


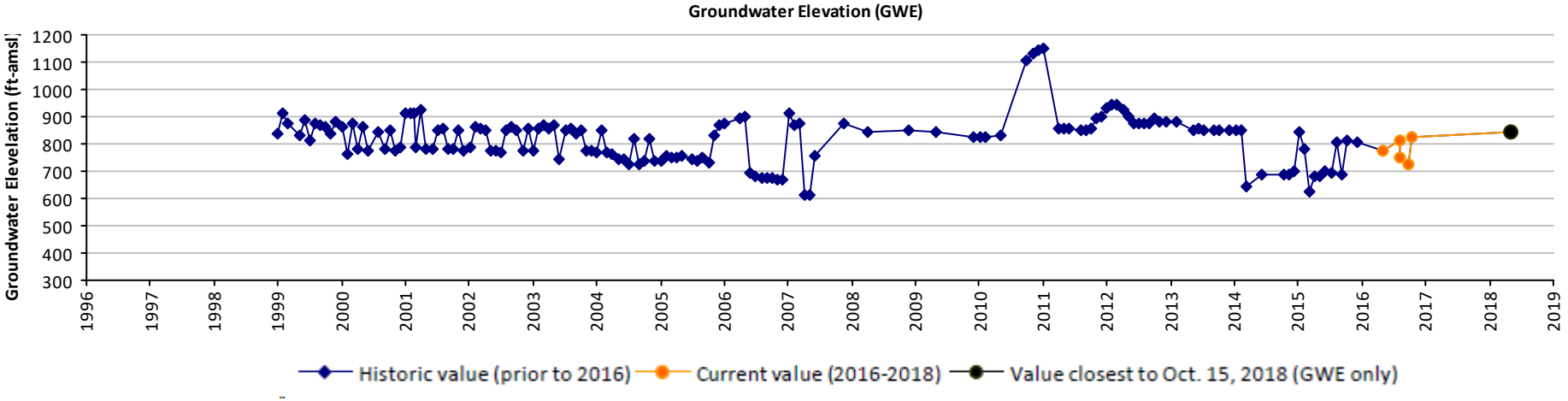


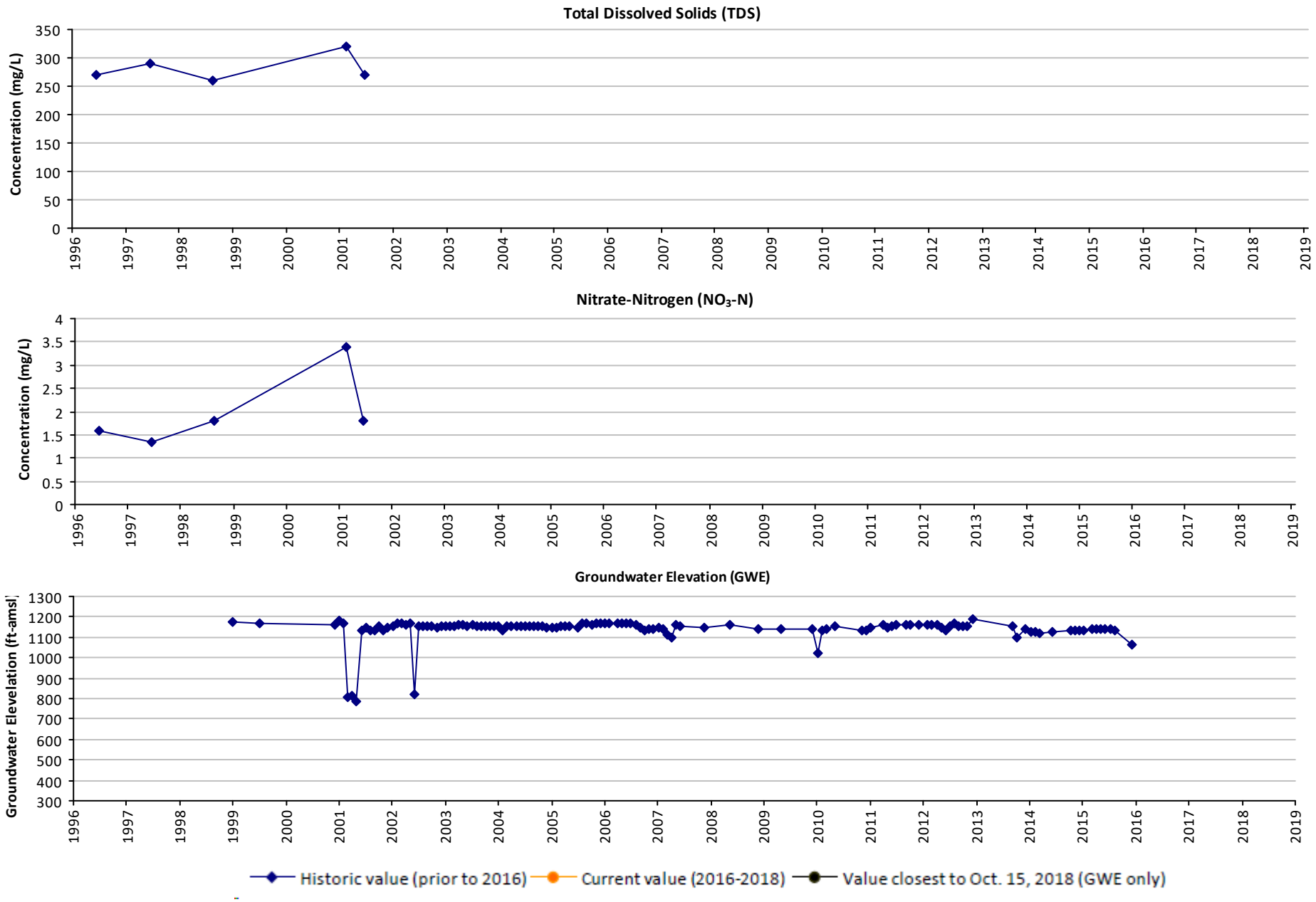


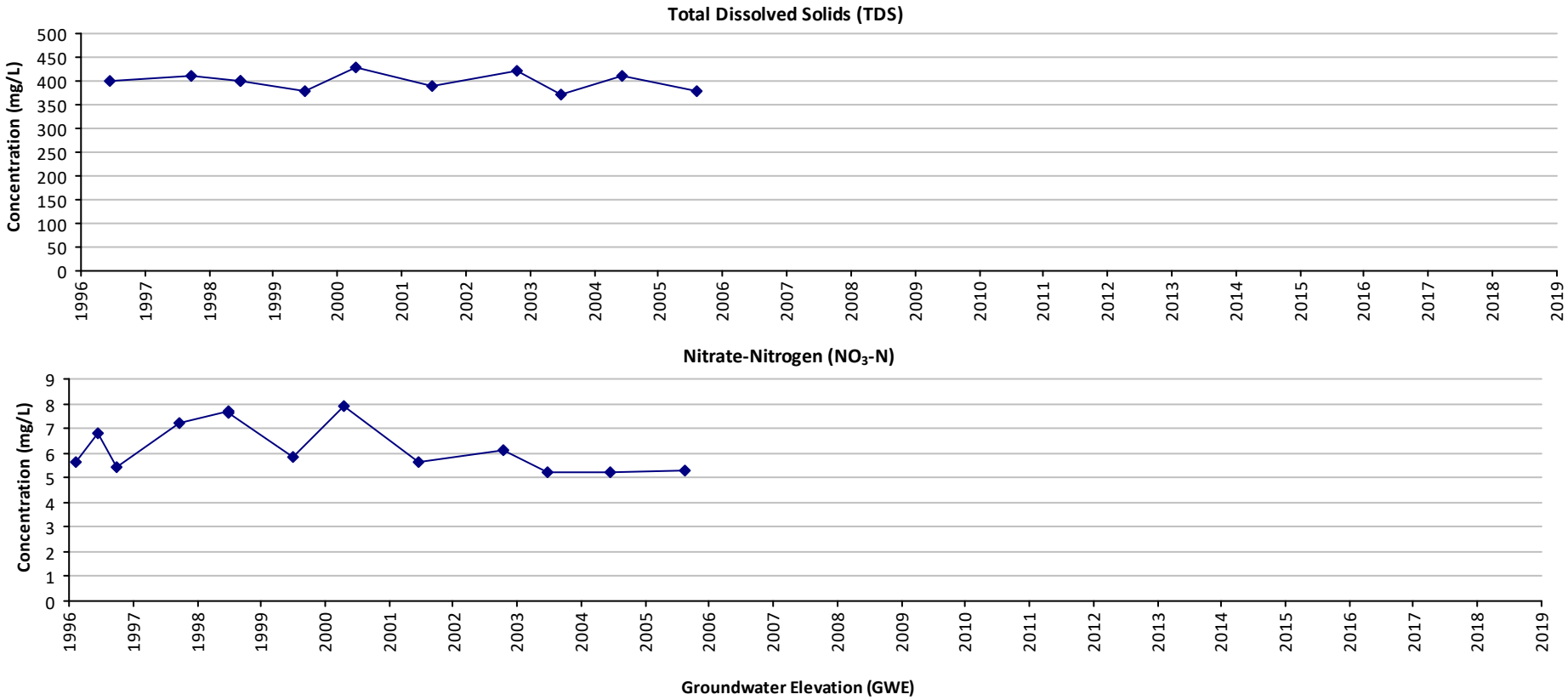

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

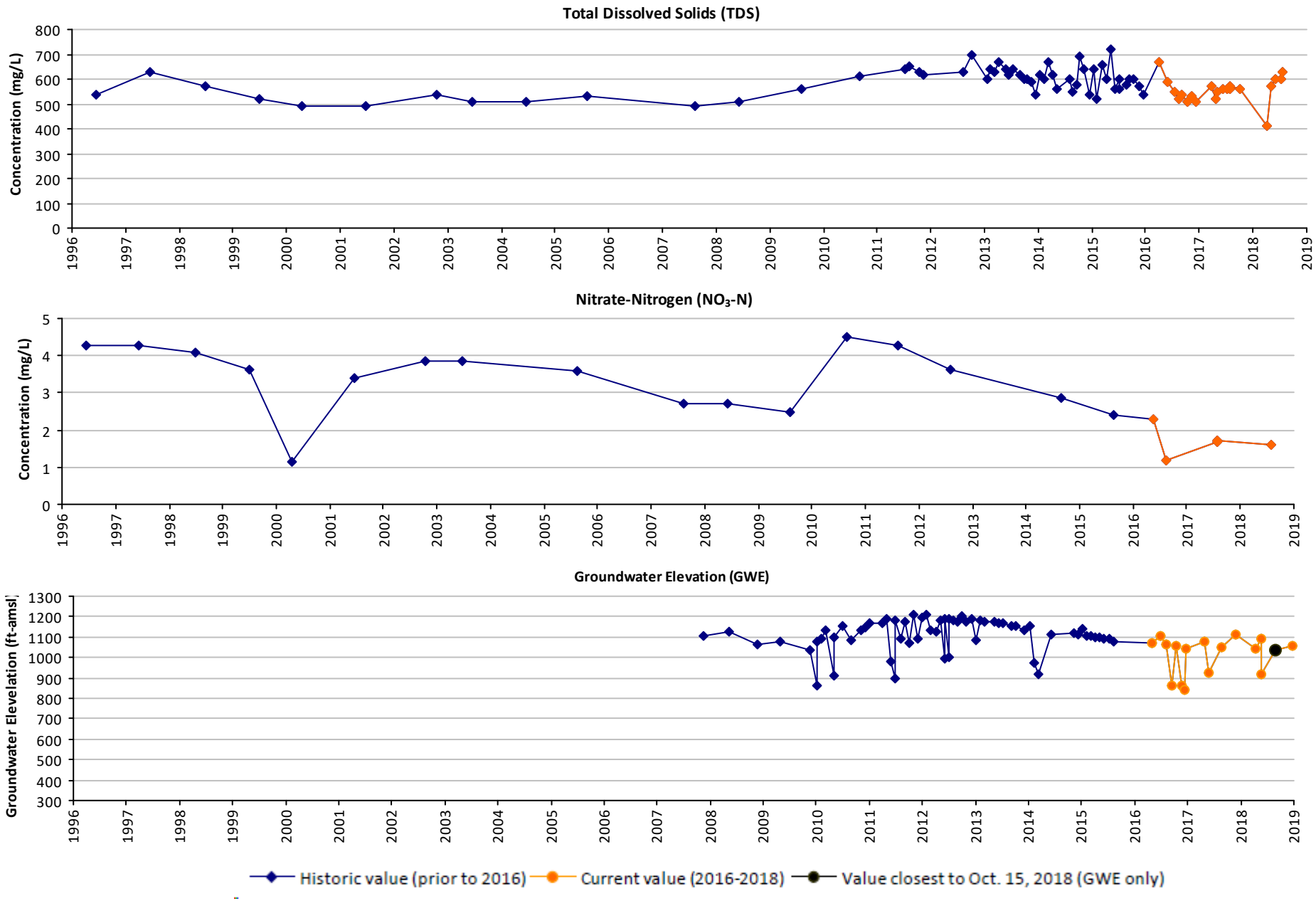

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

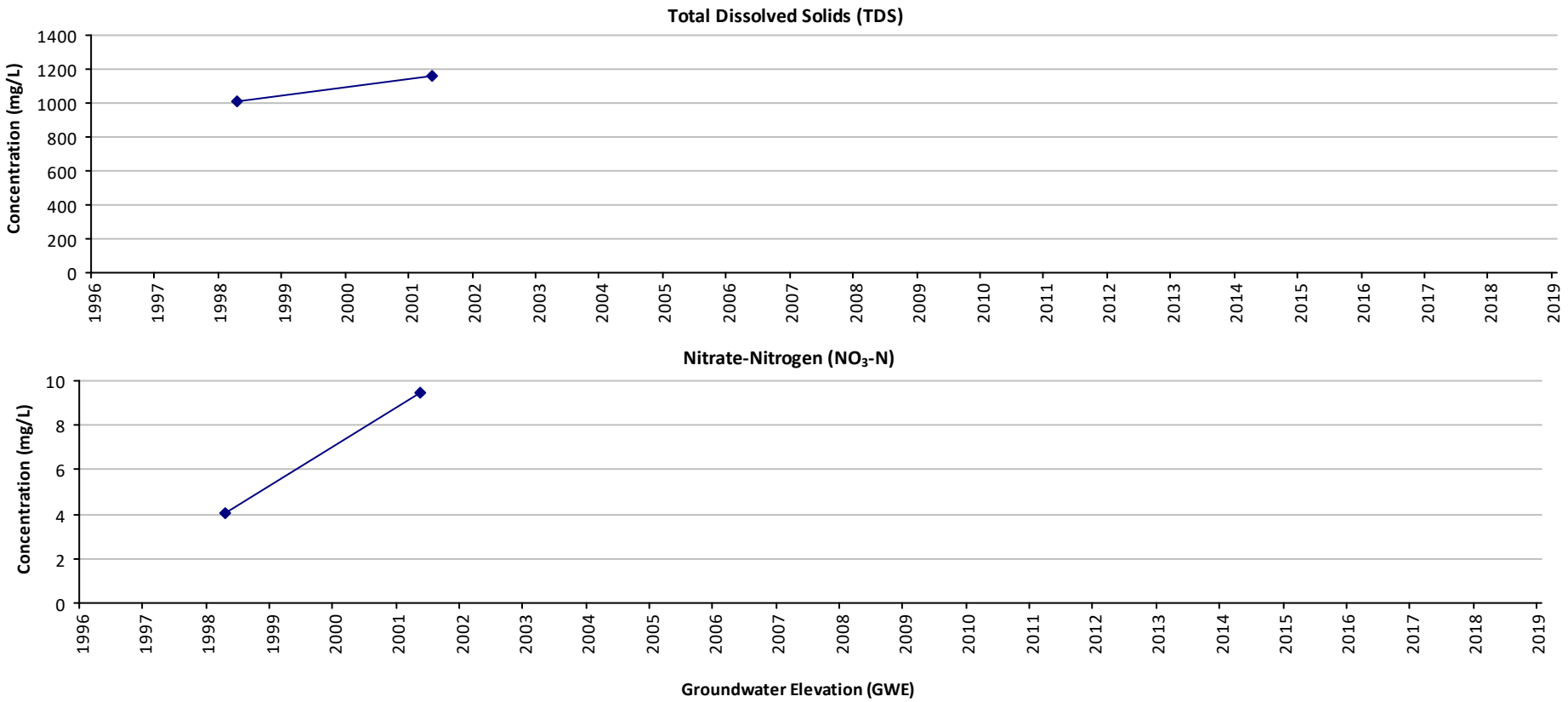

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

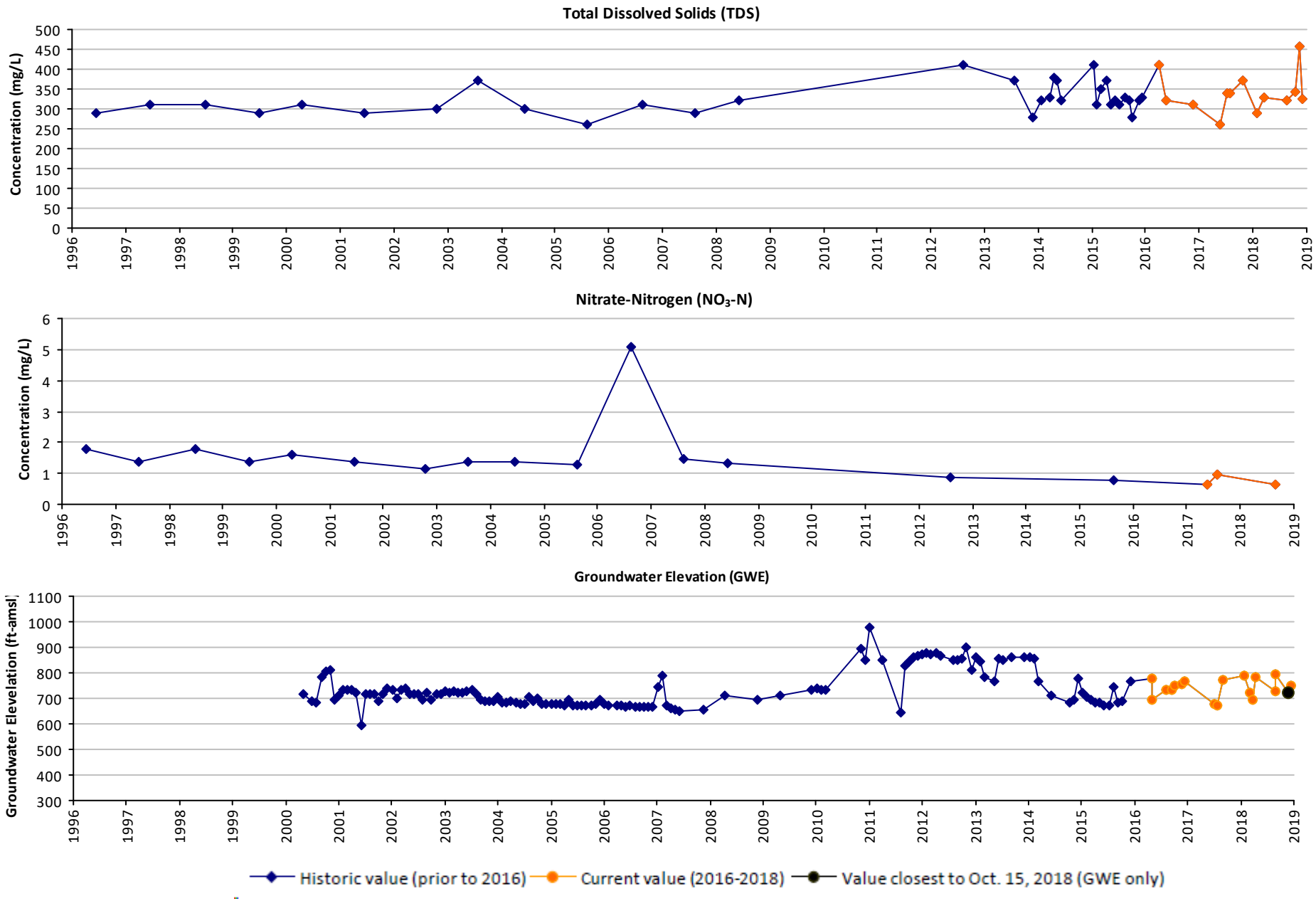


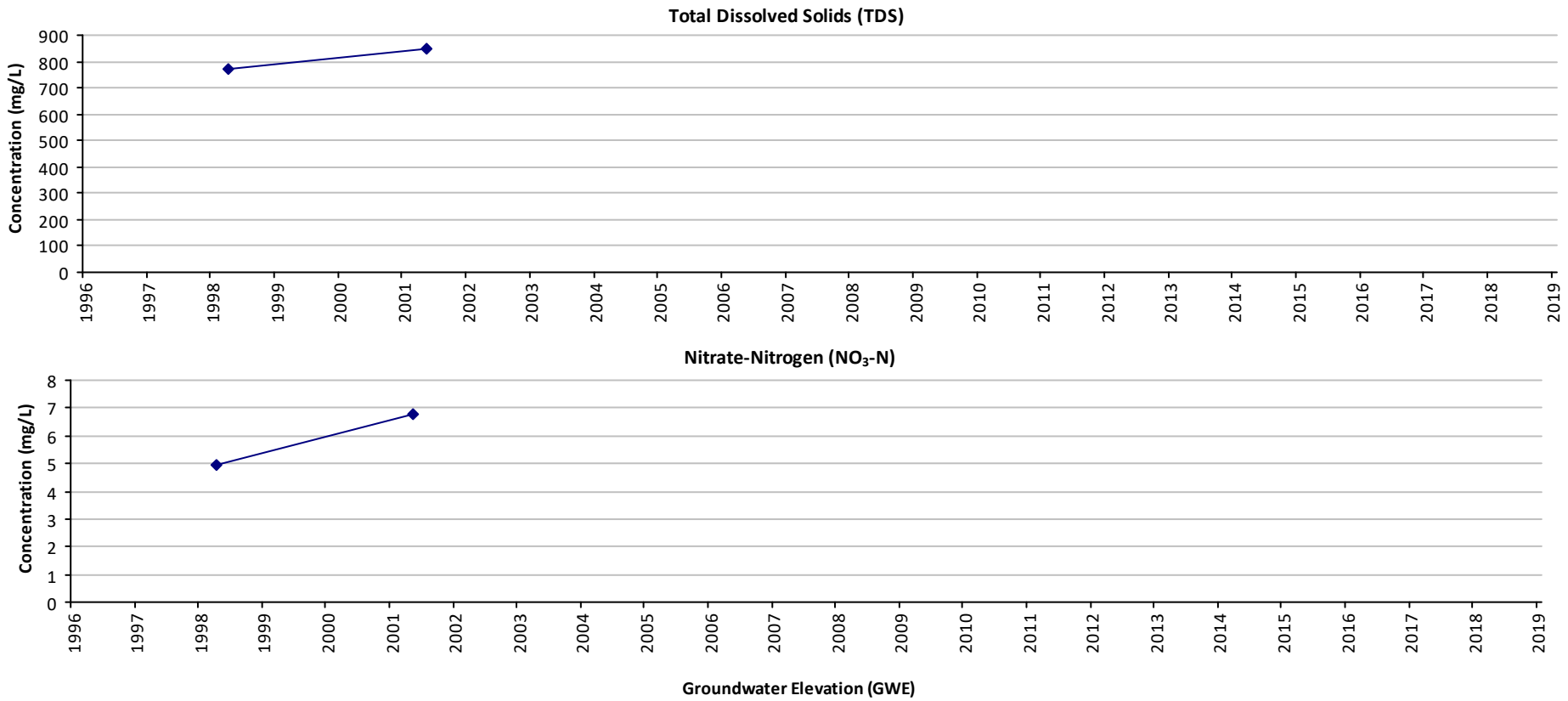
Groundwater Elevation (GWE)

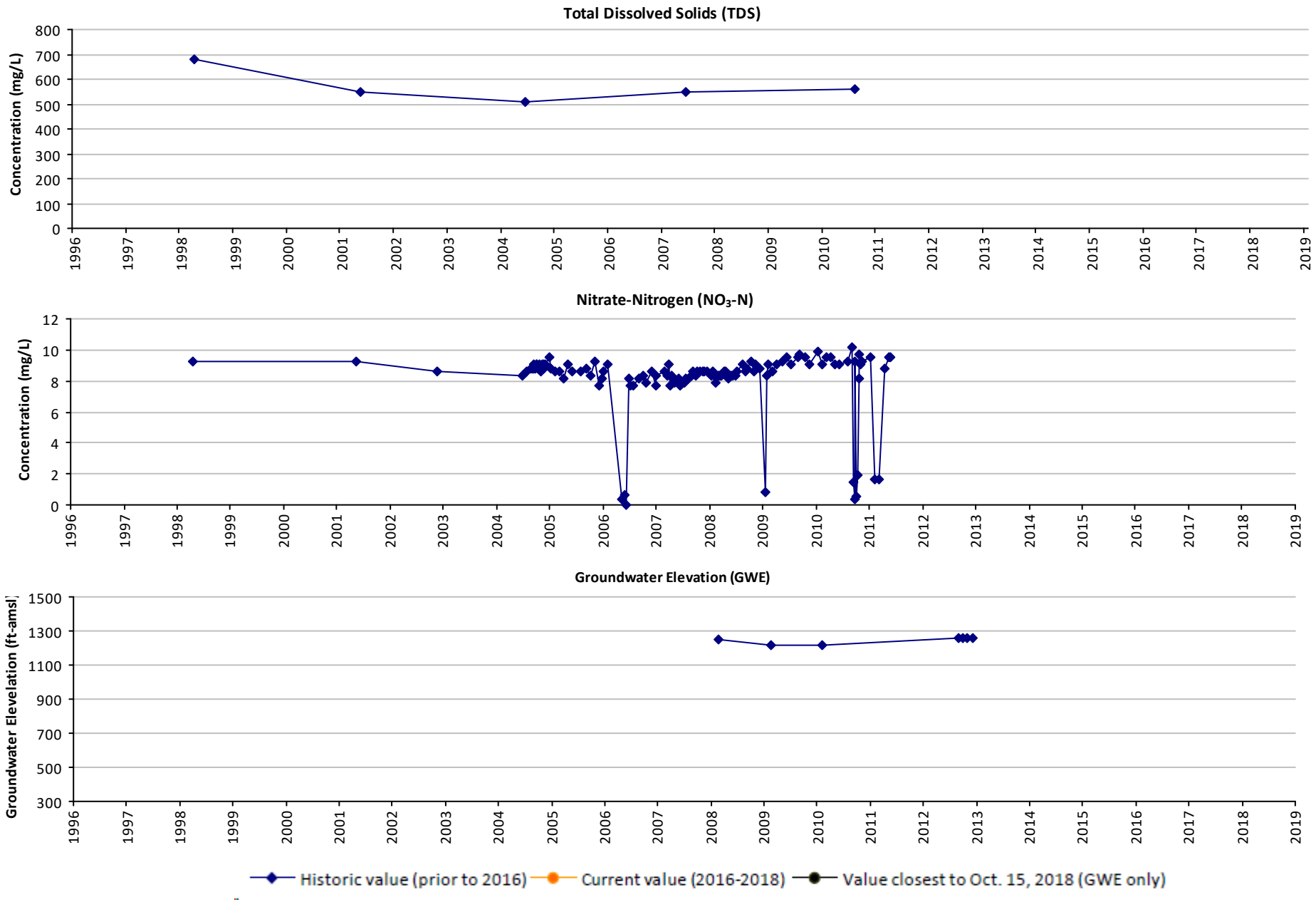
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

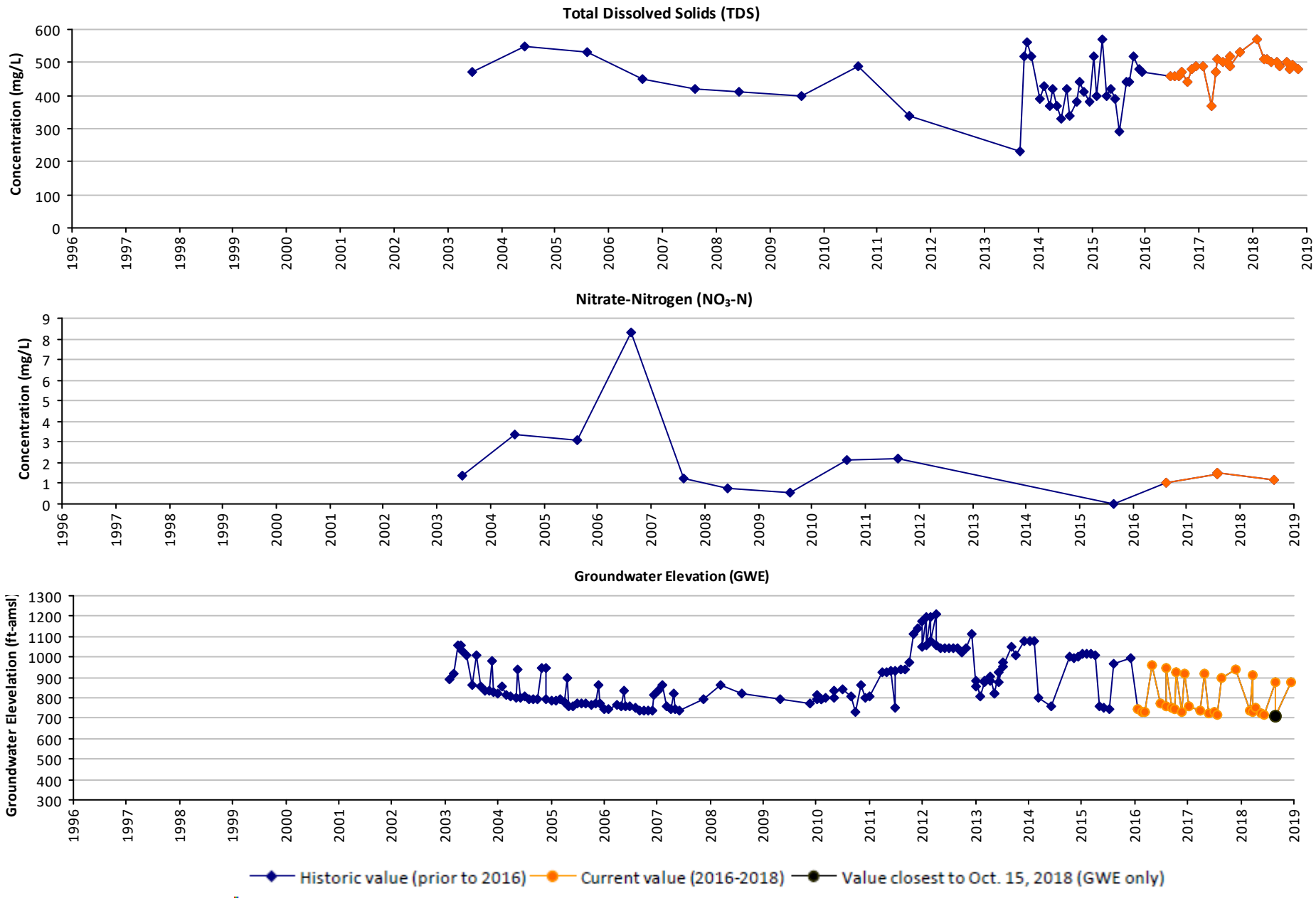

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

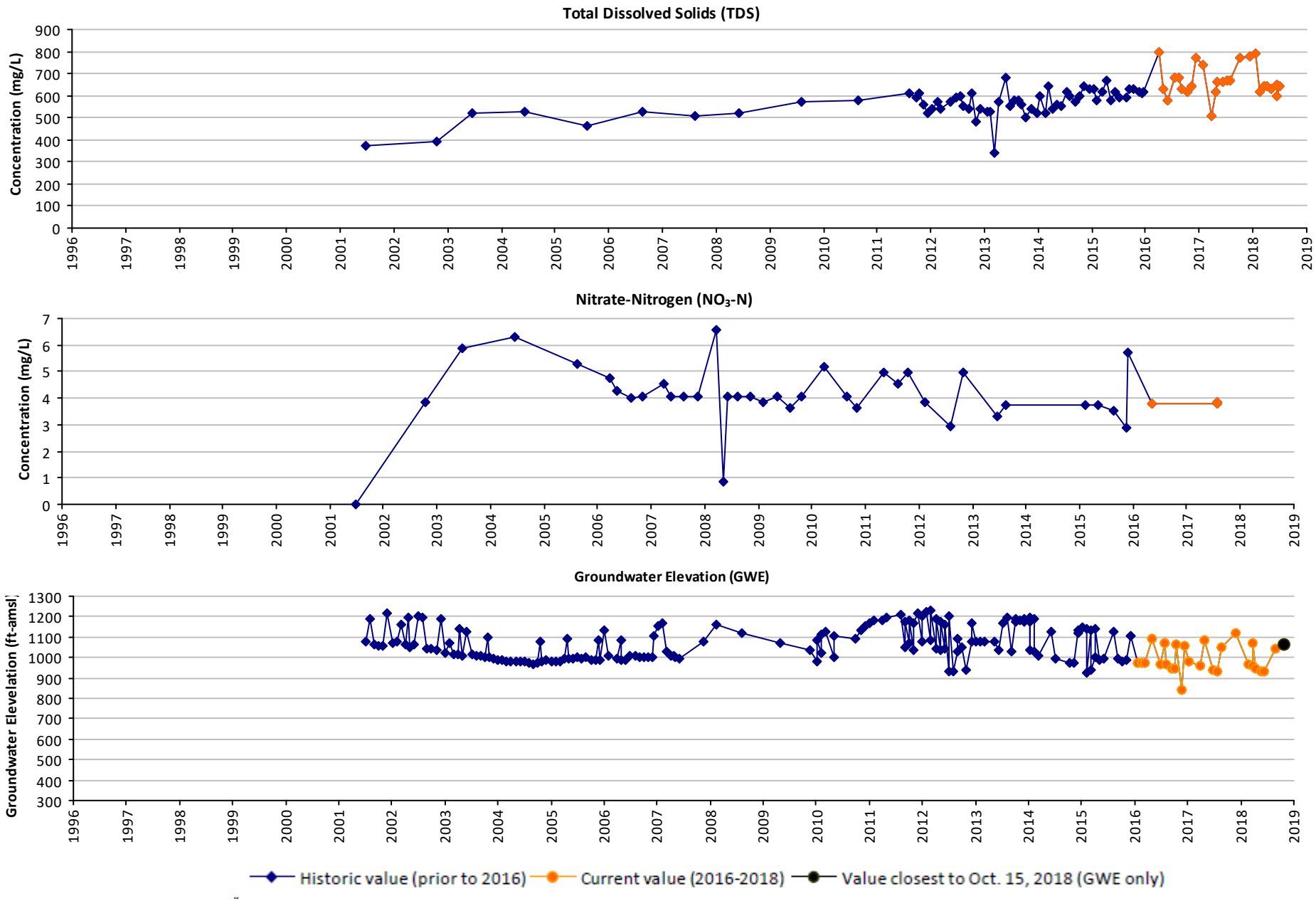

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

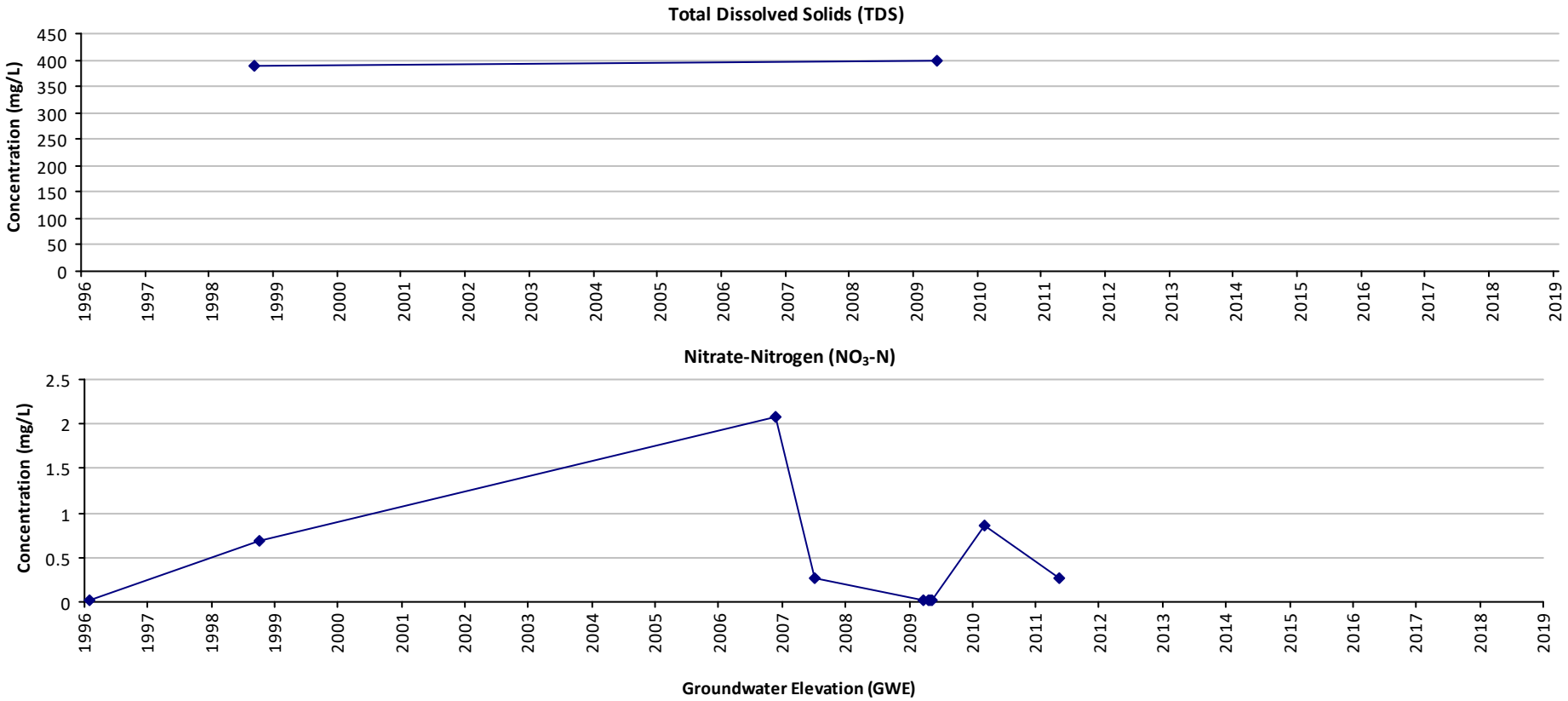

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

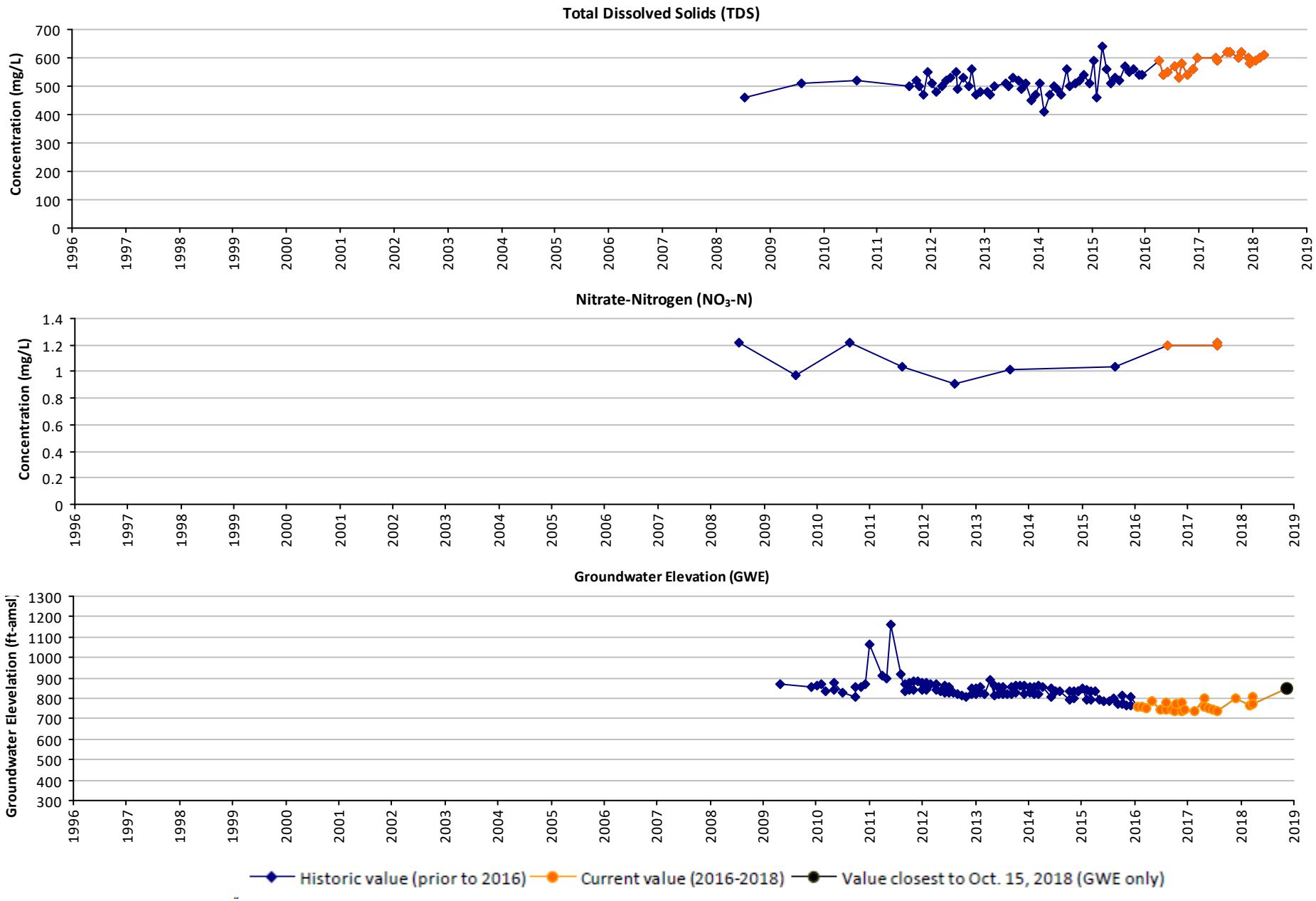

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

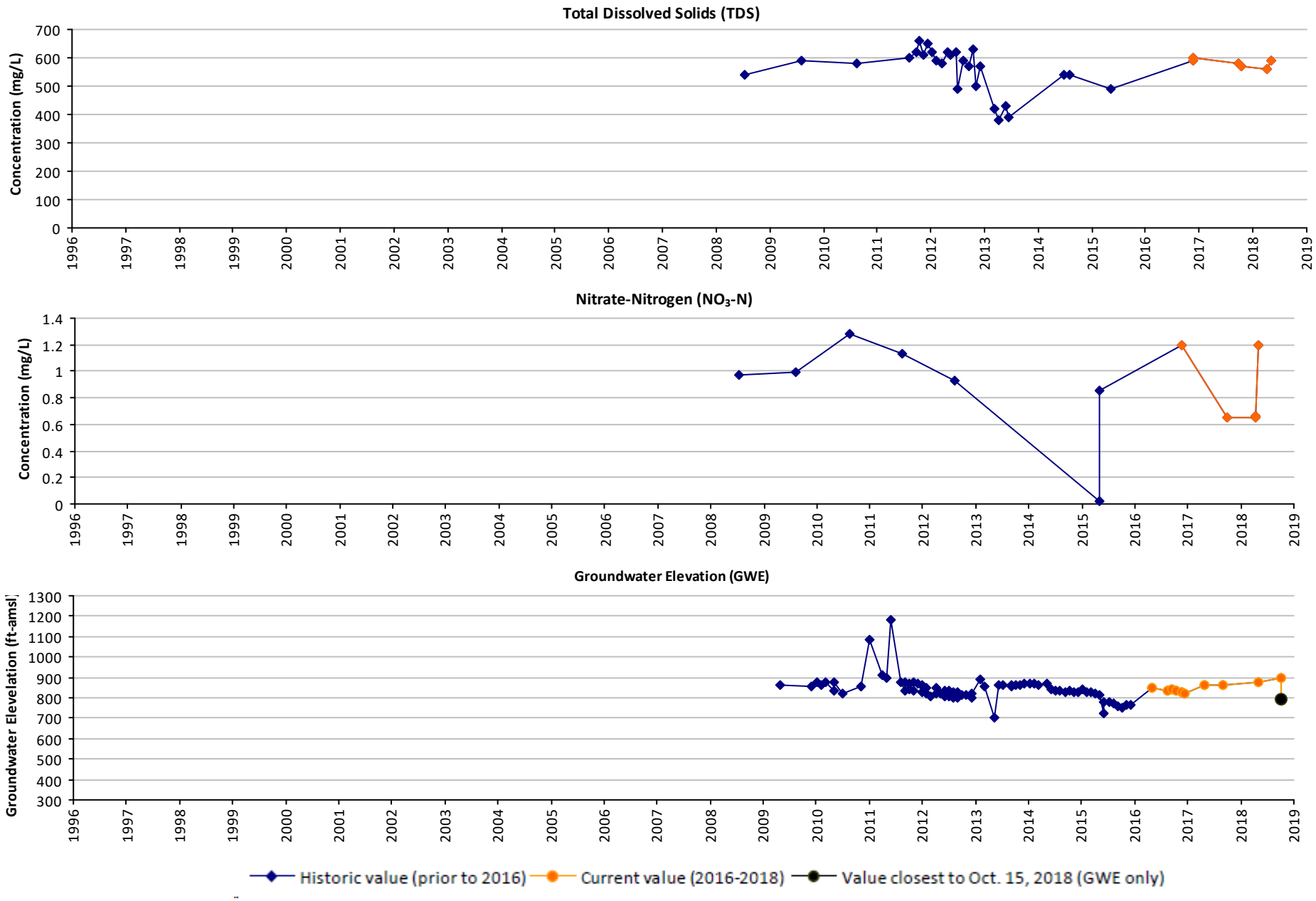

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

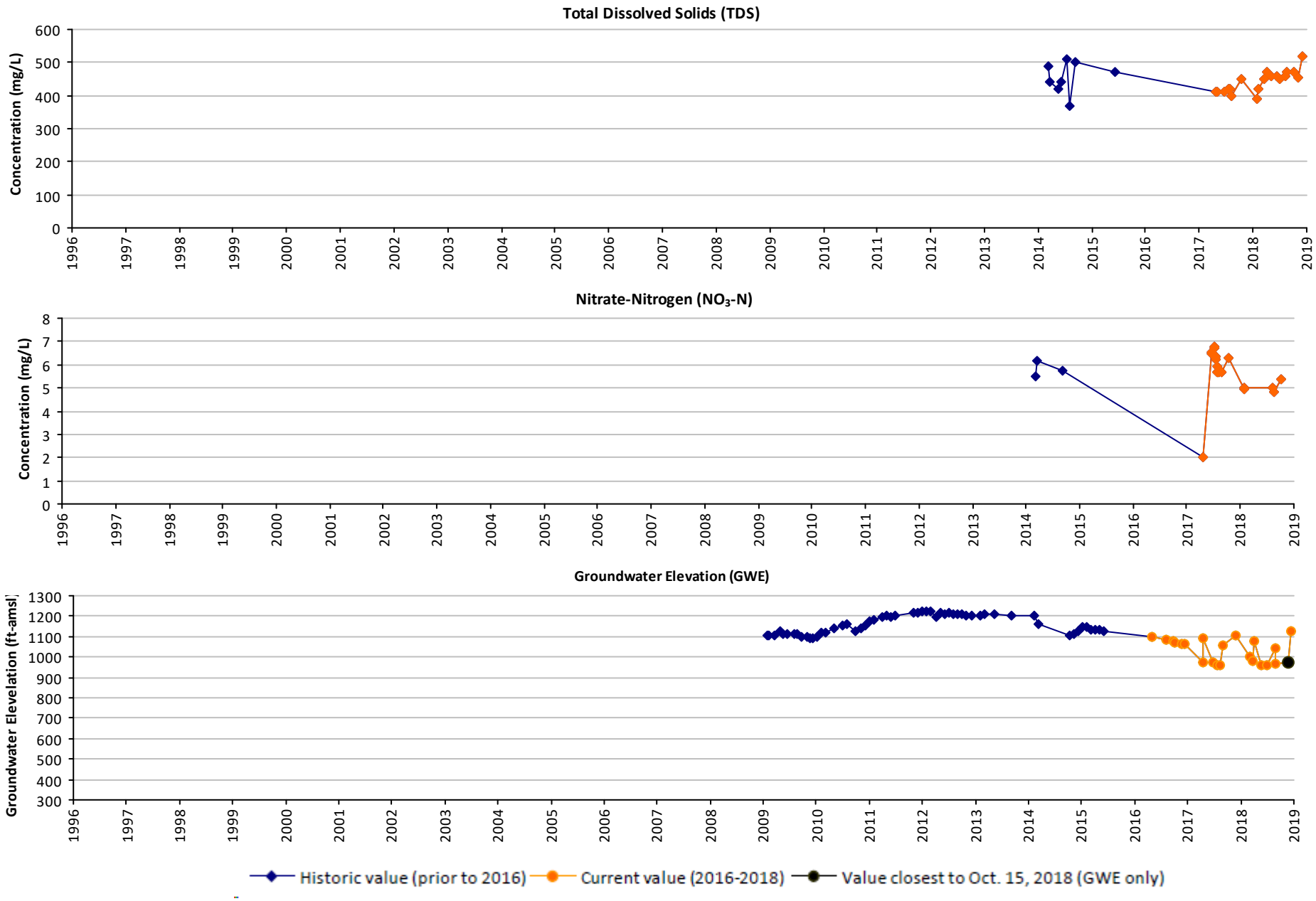

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

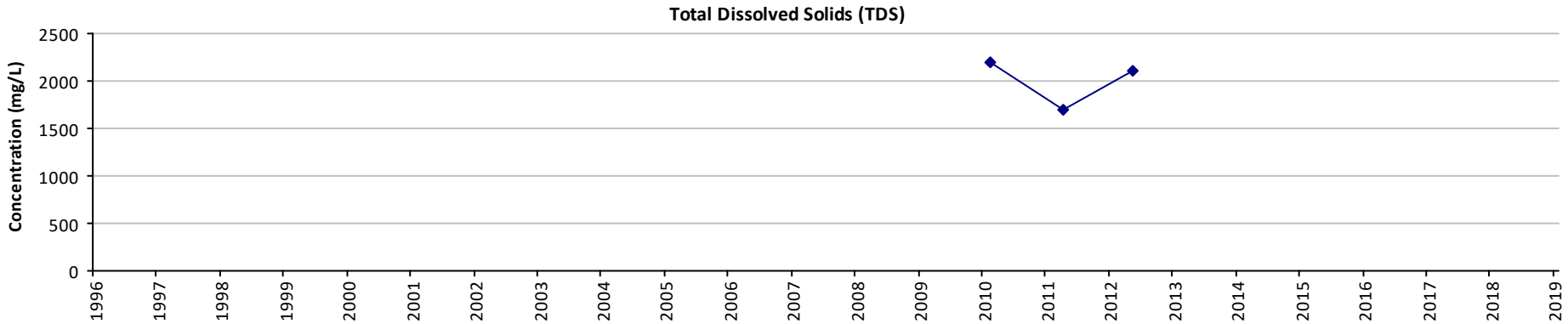

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

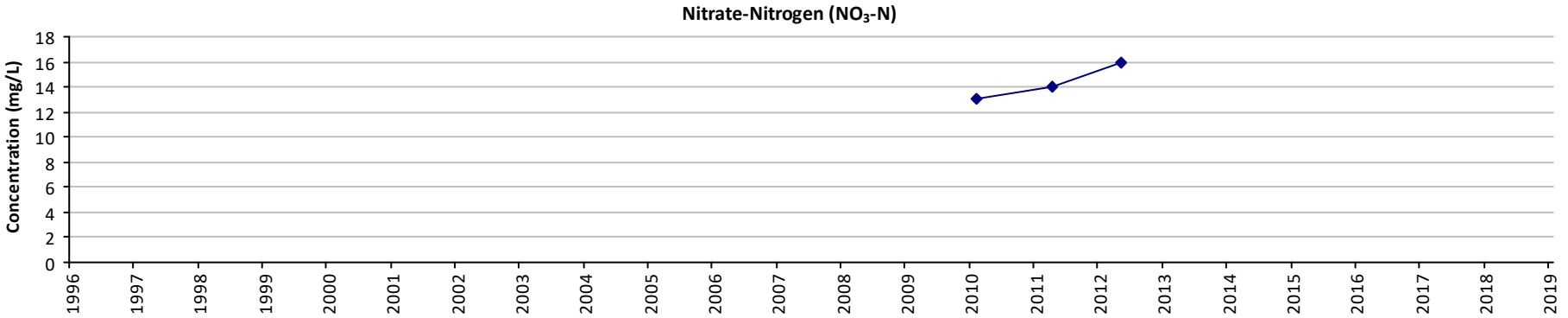

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

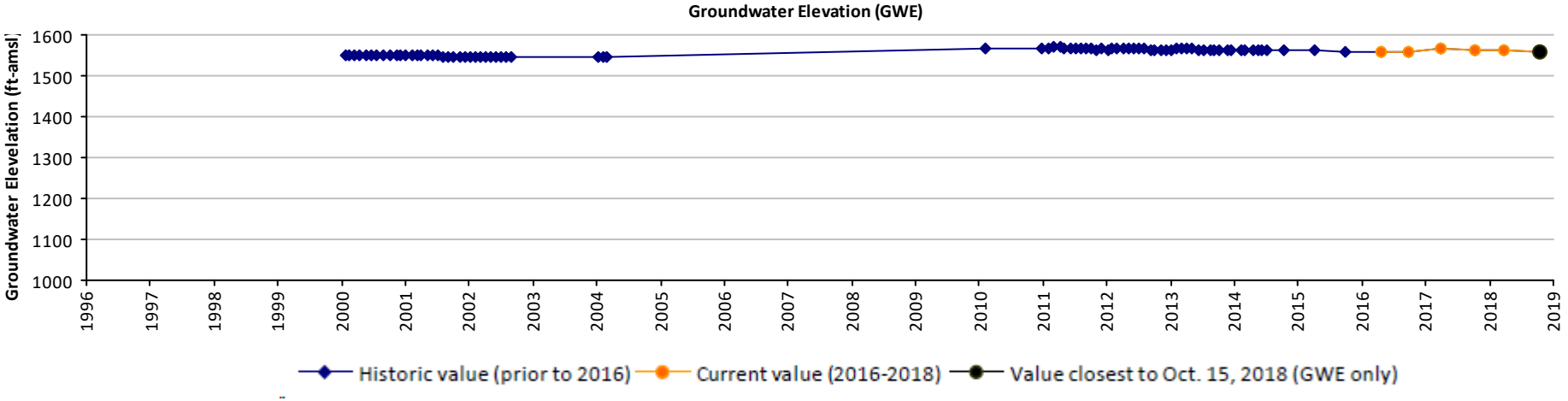

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
400
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

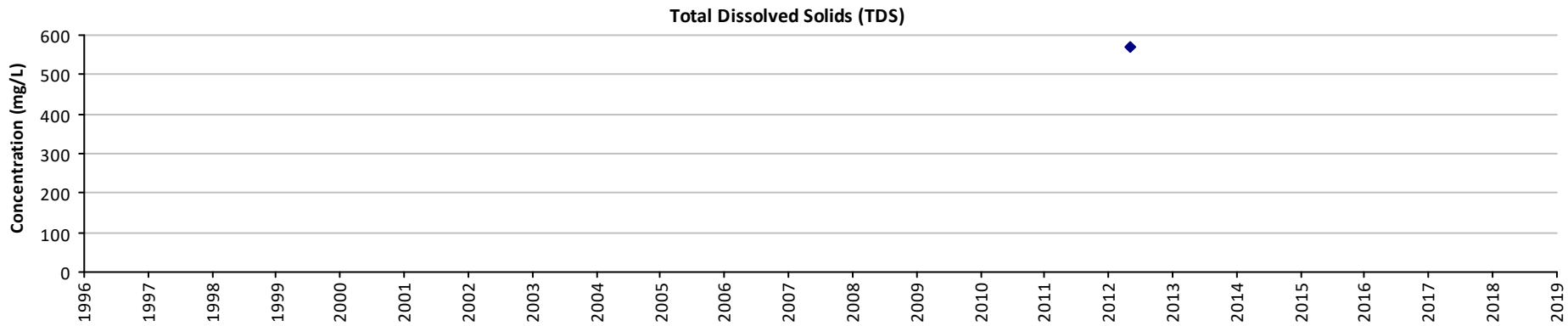
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1210370
Management Zone: Hemet-South








Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2012
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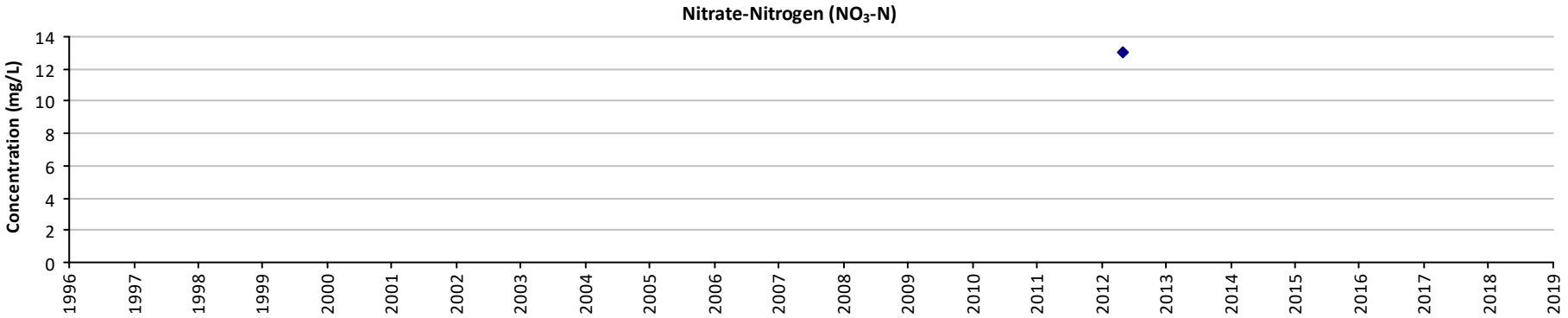
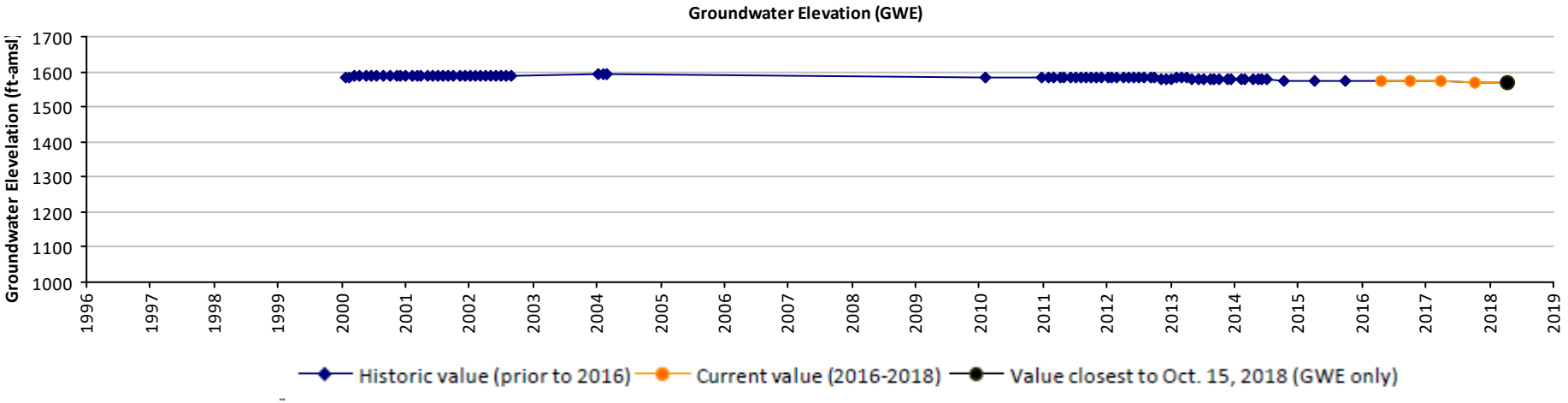
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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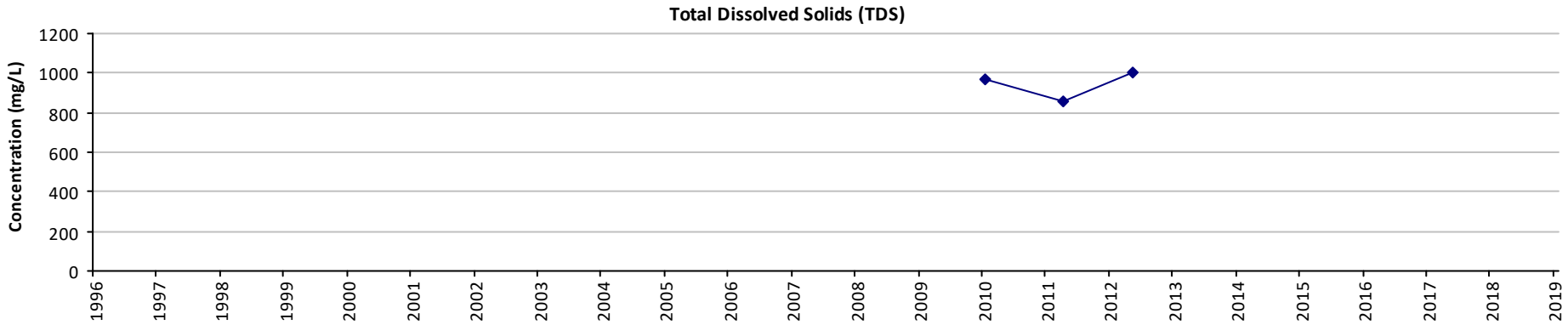
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
2010
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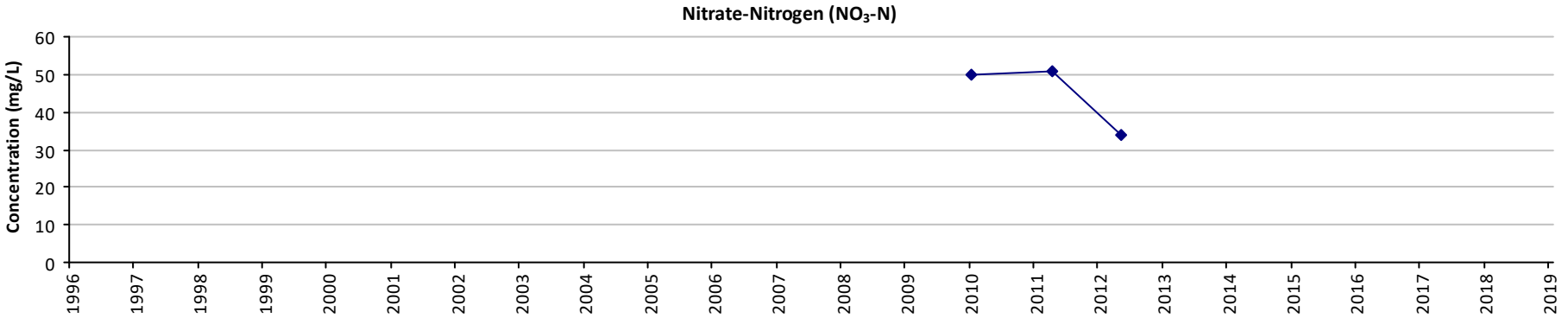
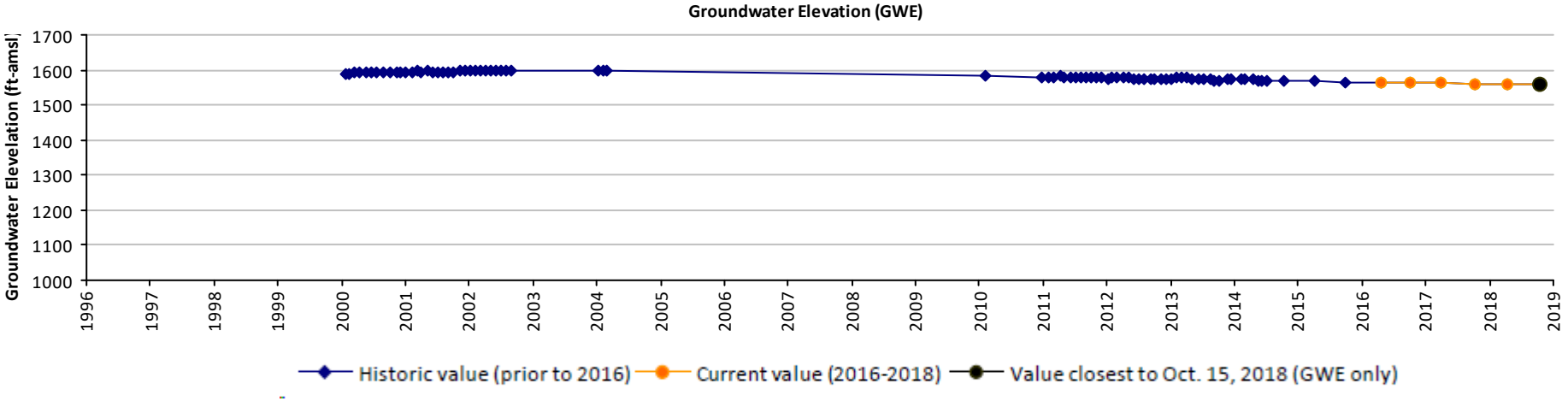
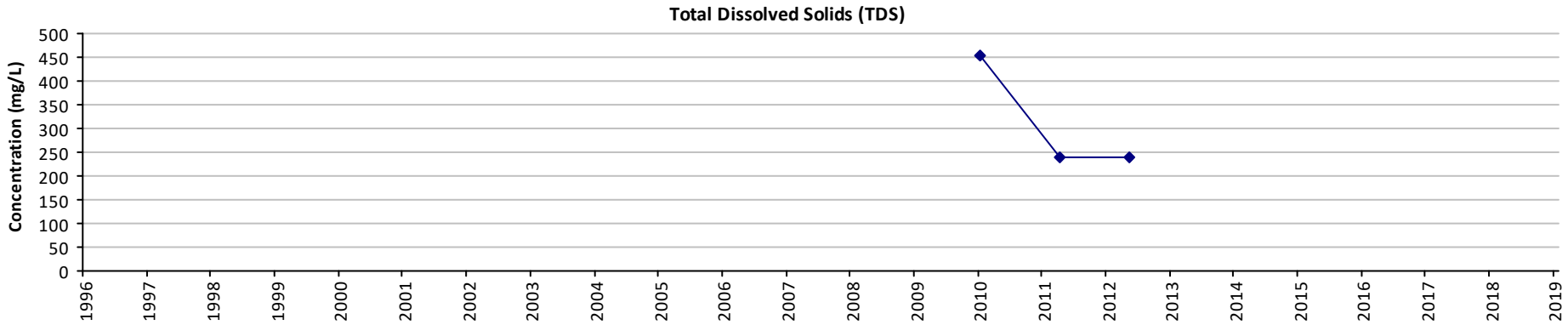
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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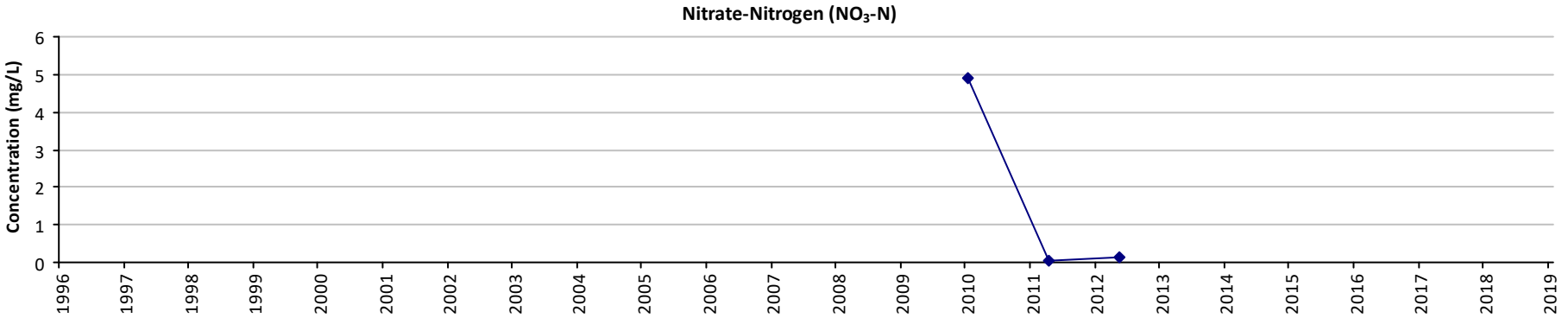
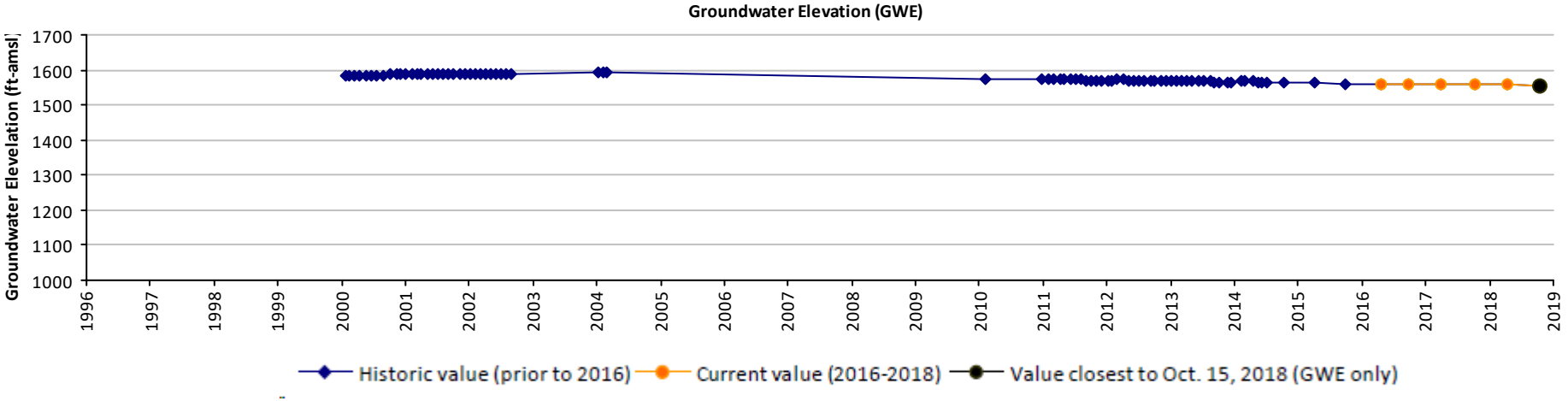
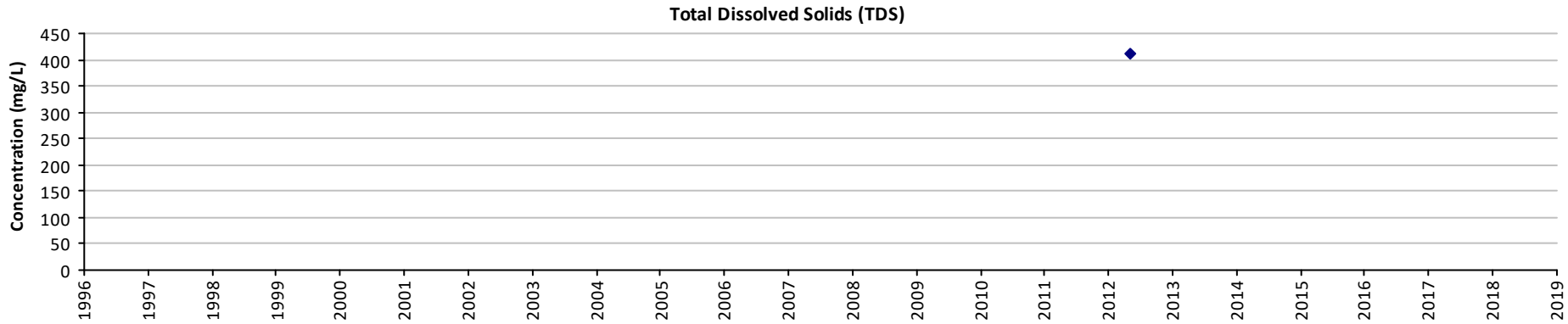
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1600
1500
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
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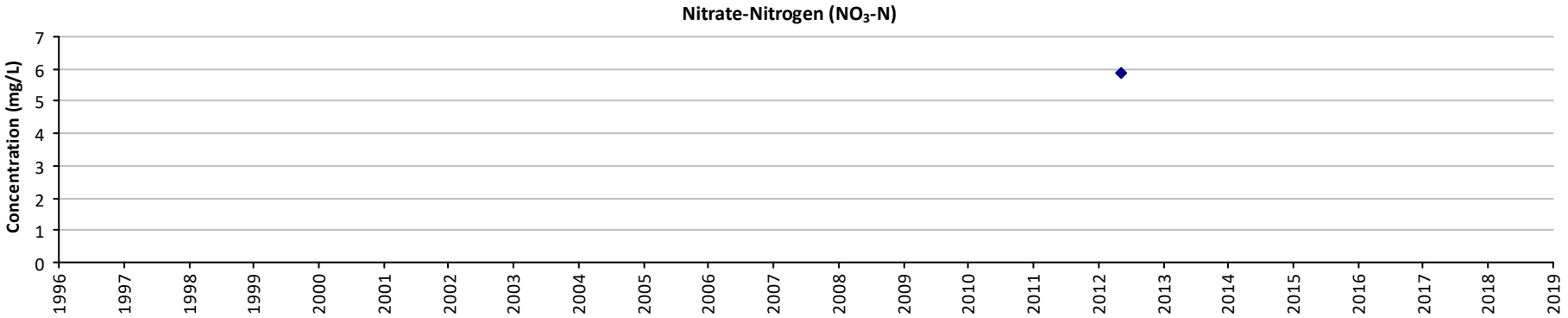
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
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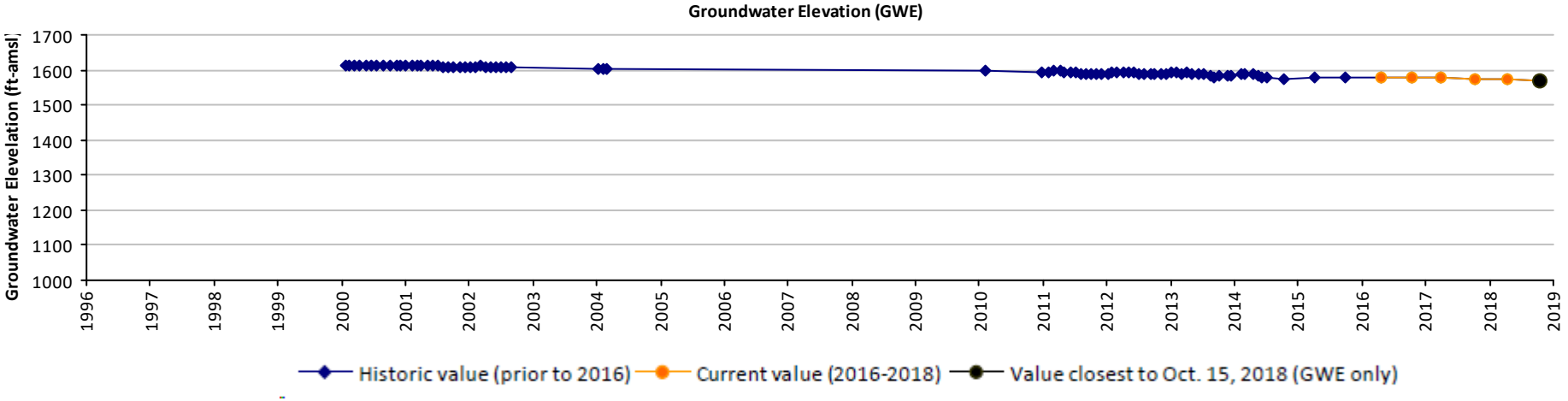
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
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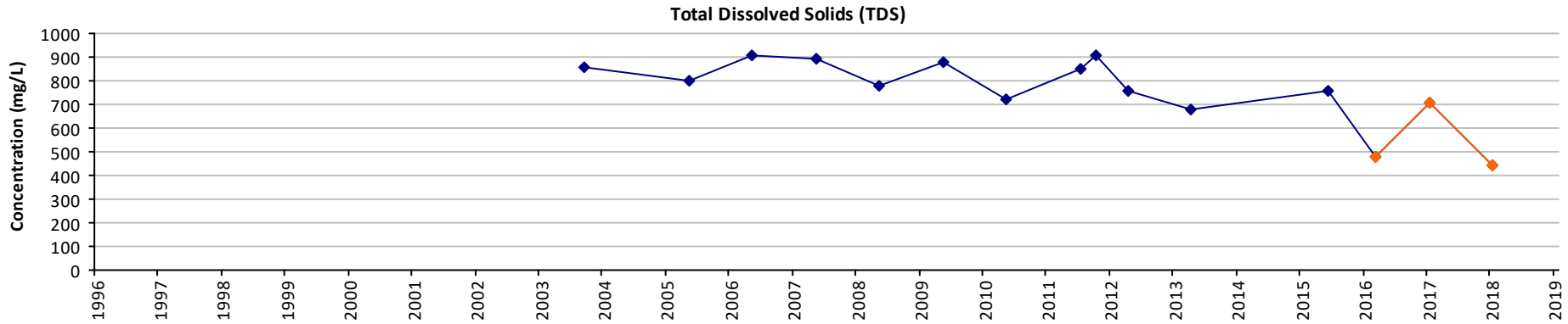
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
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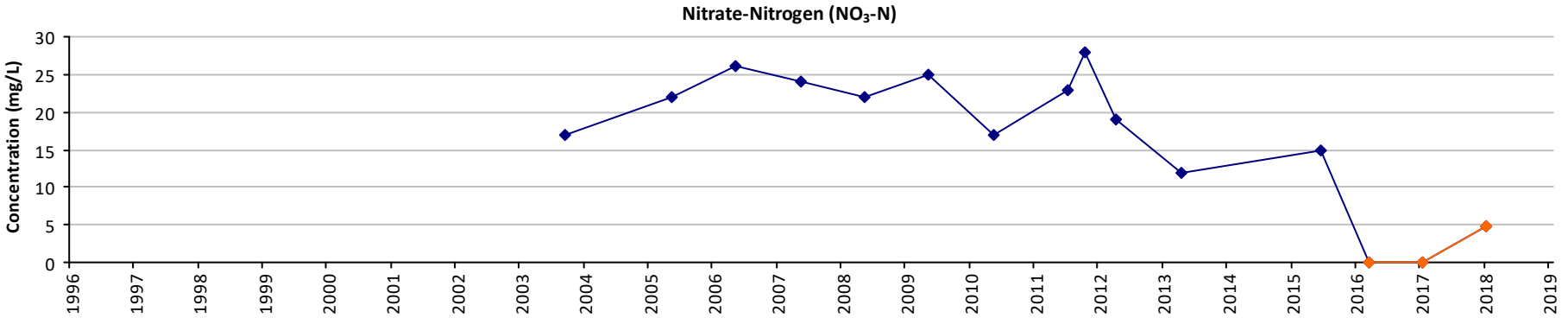
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
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2004
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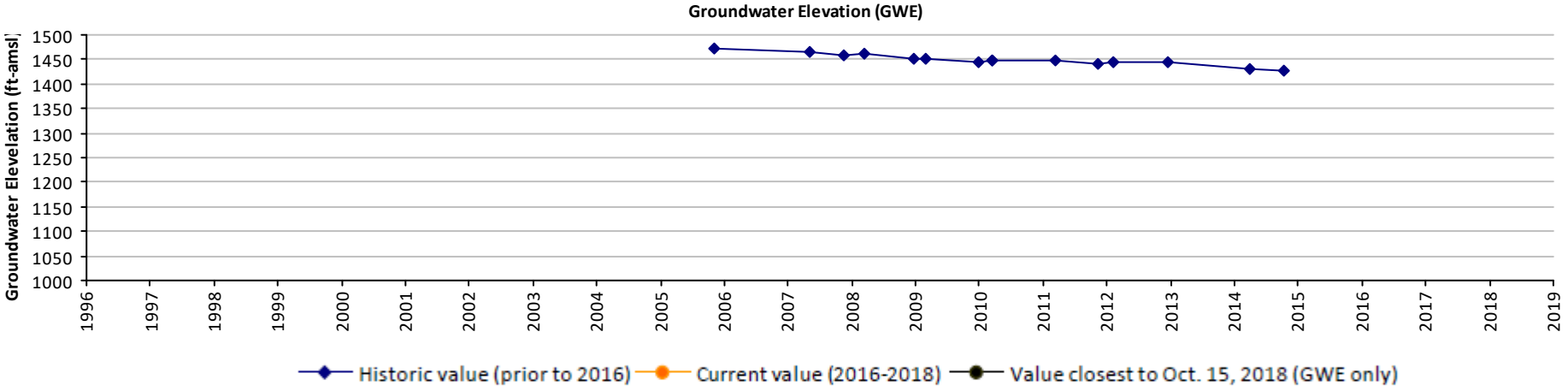
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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2010
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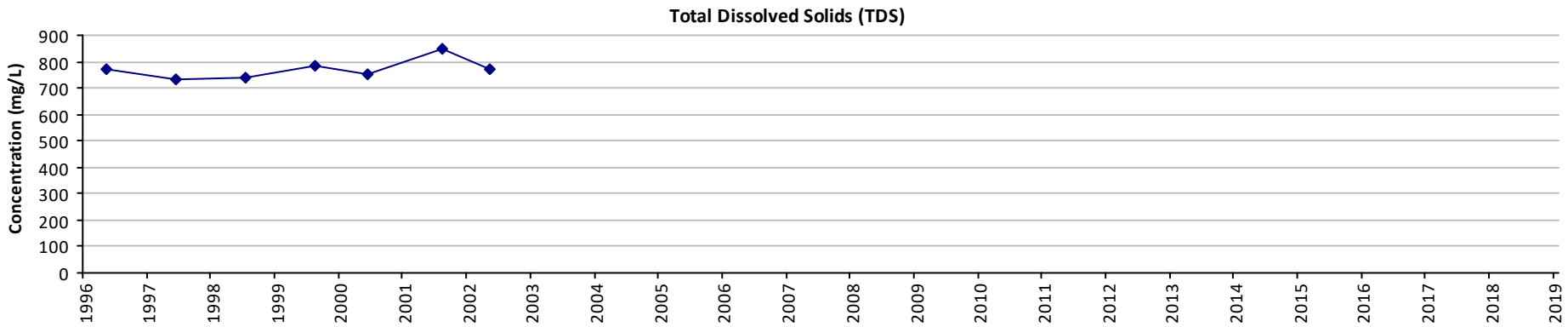
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
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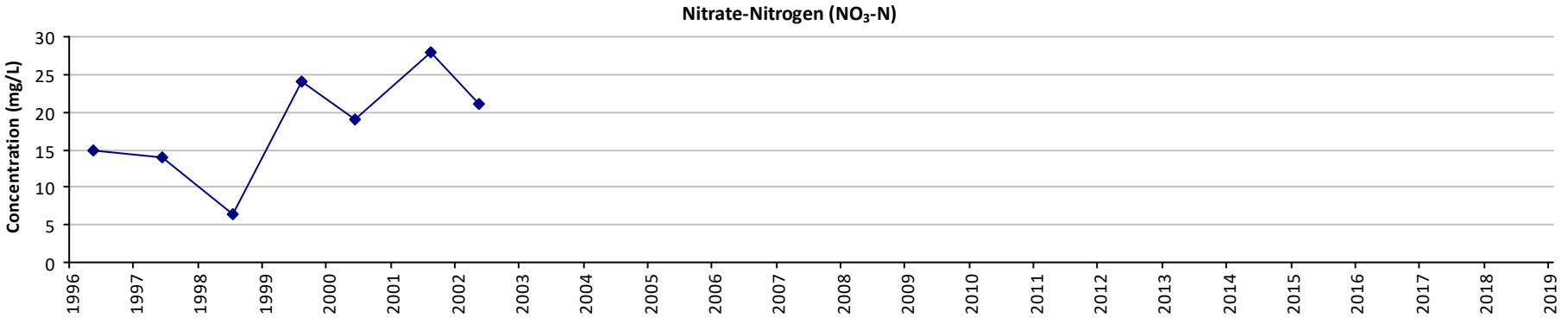
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
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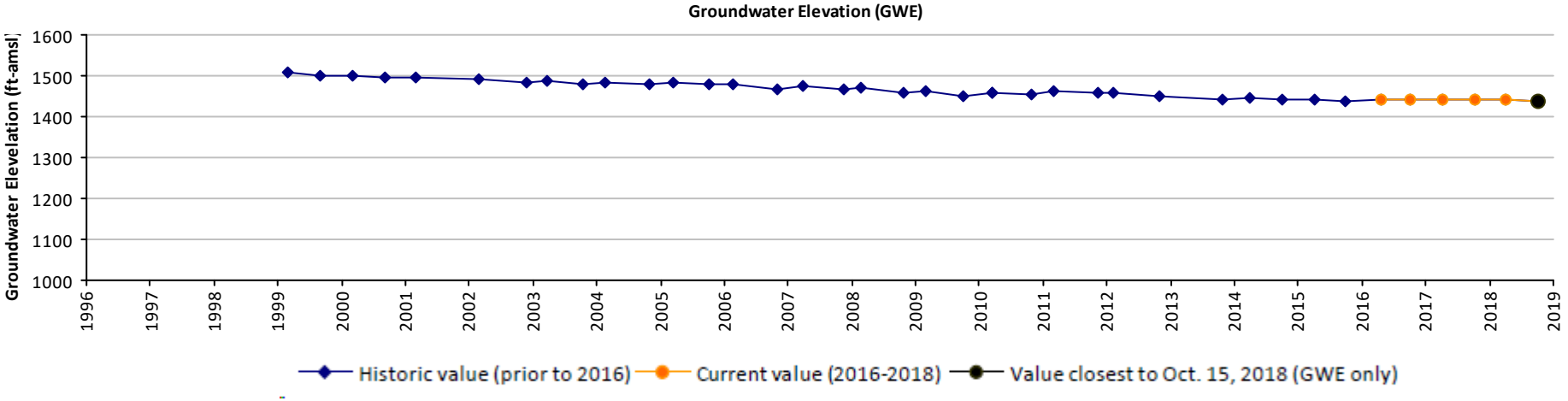
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1996
1997
1998
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2003
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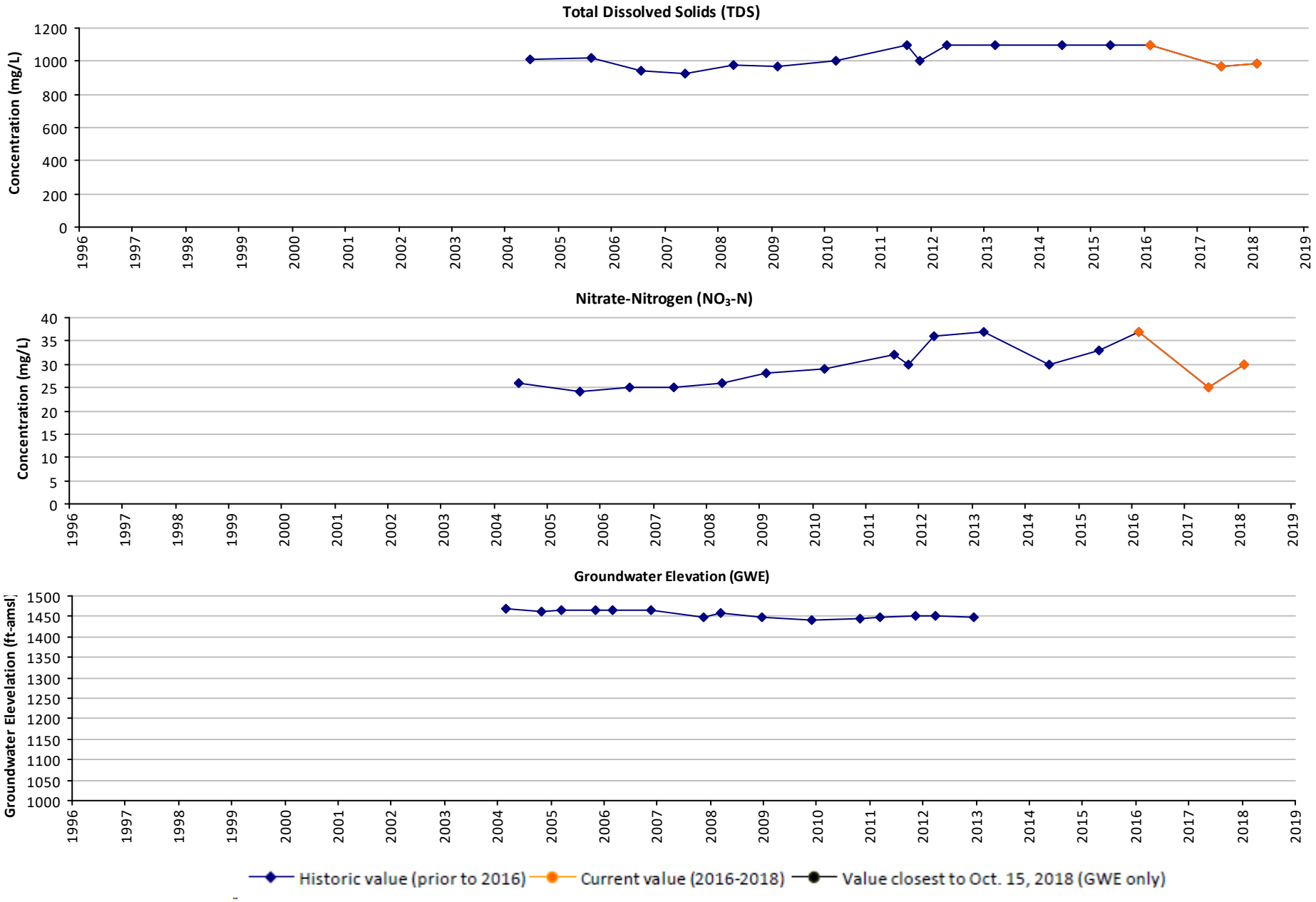
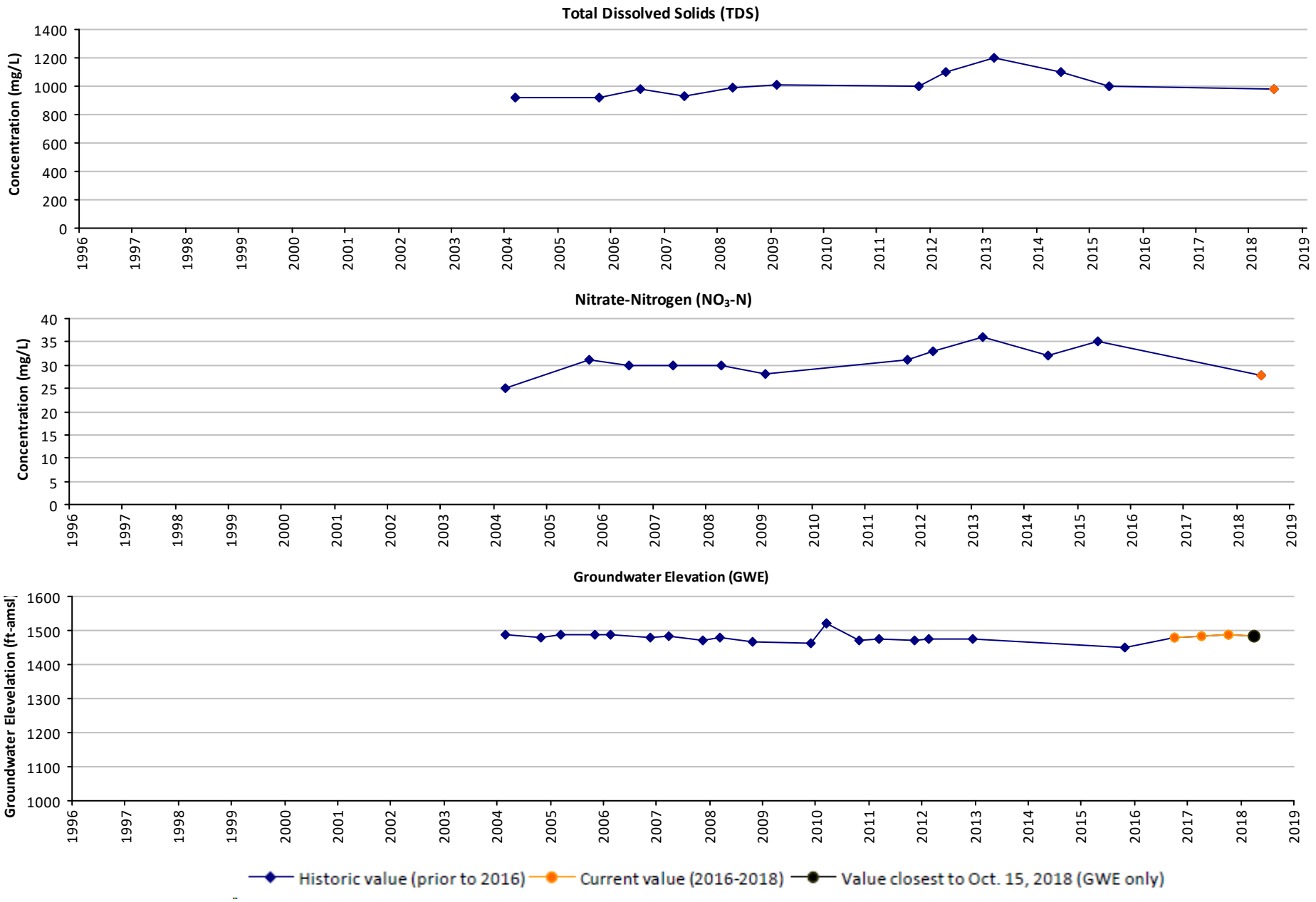
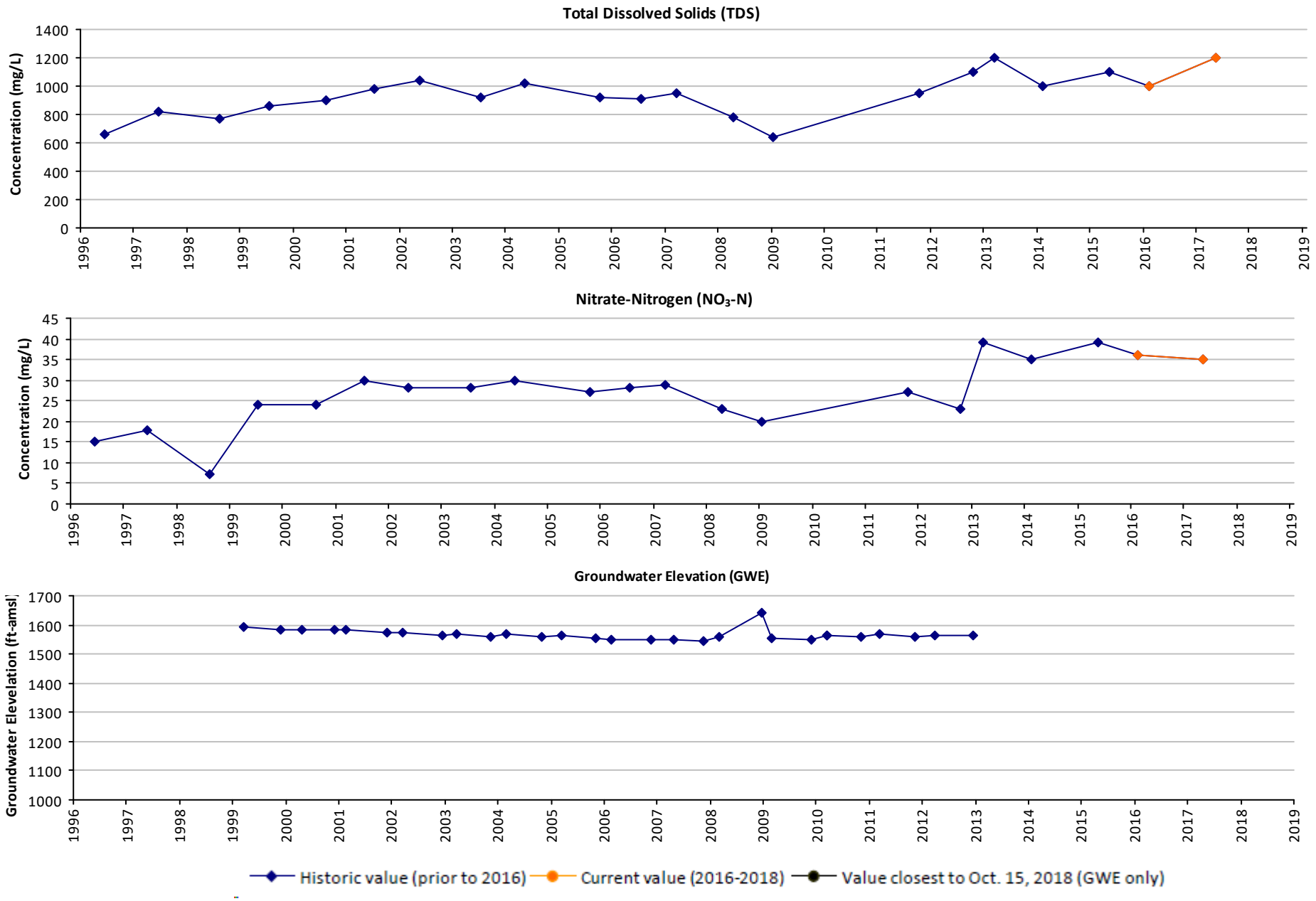
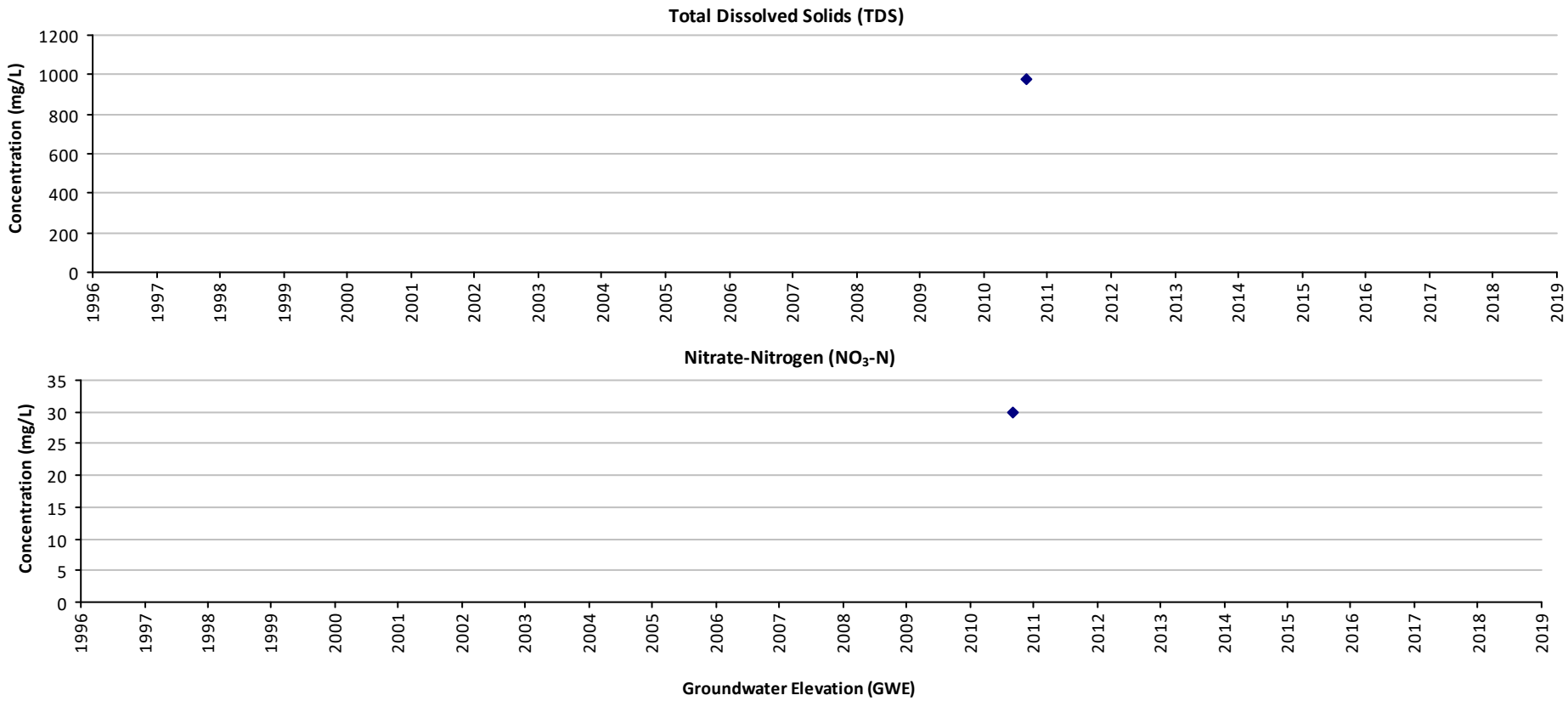
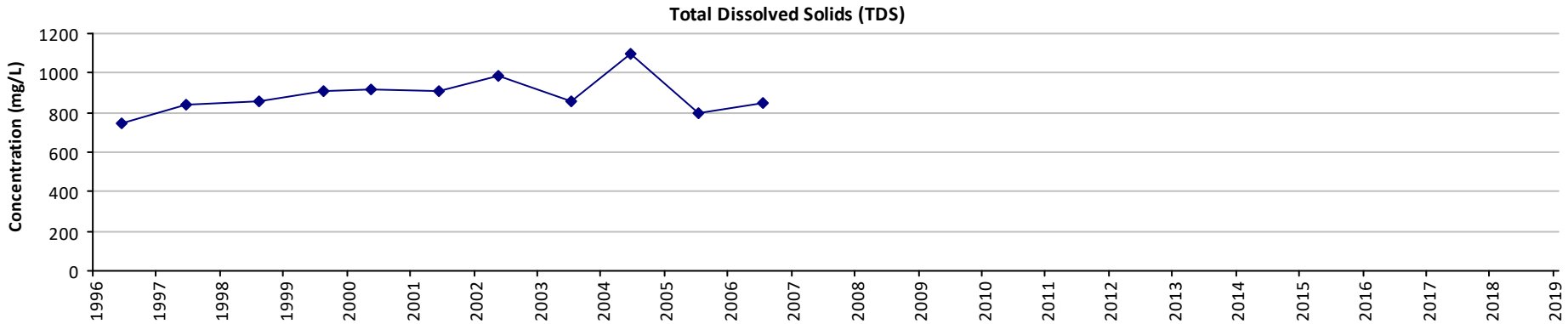
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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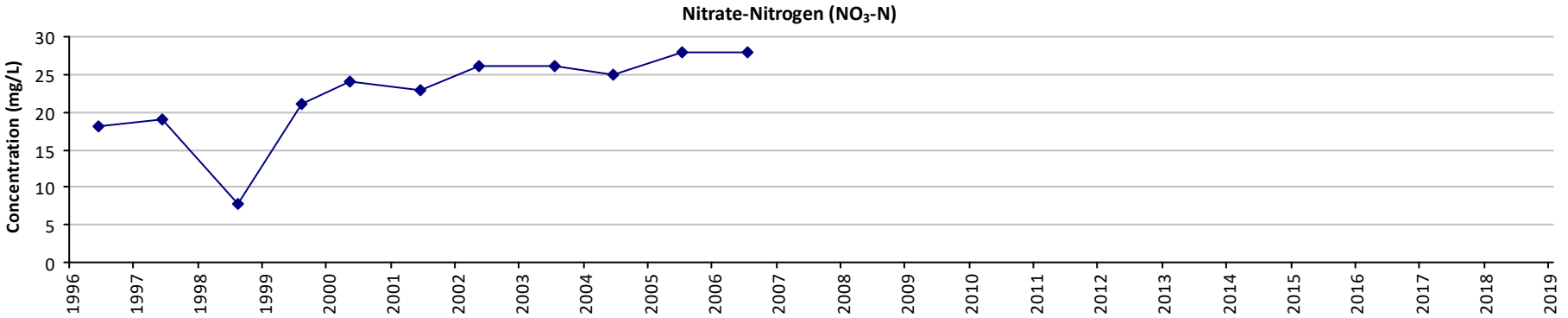
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
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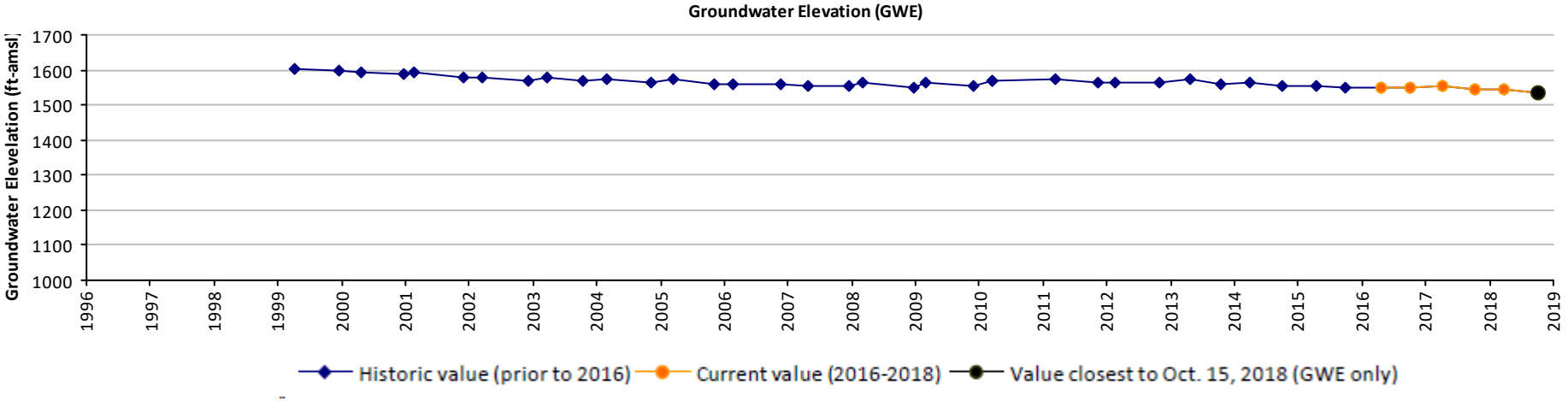
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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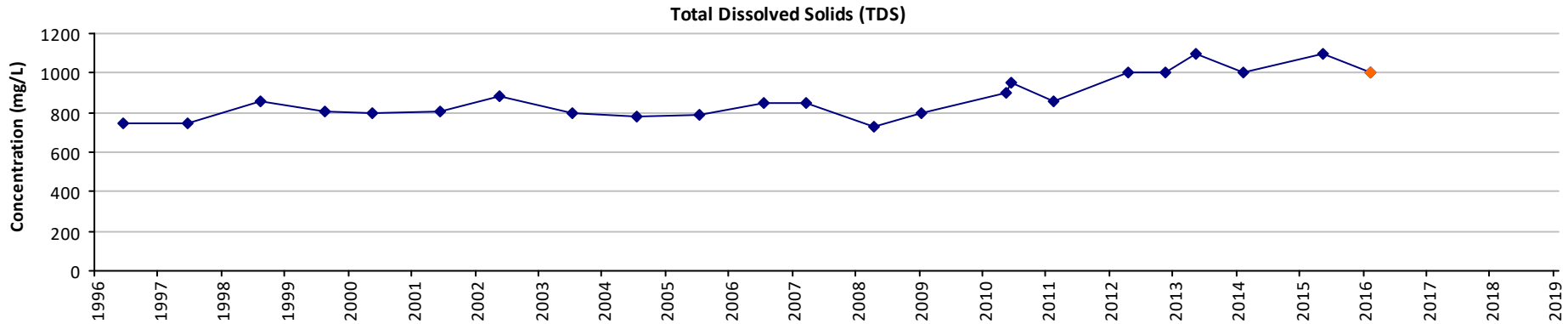
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
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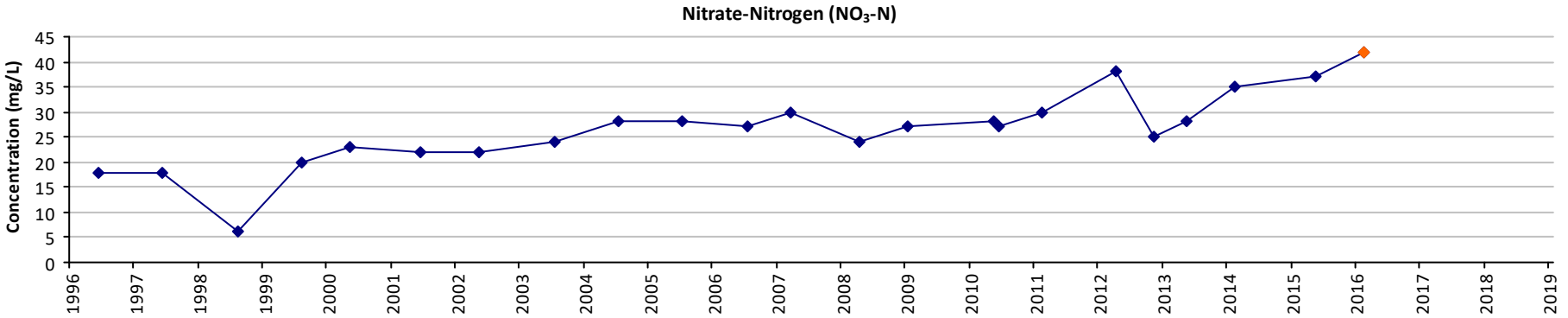
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
1996
1997
1998
1999
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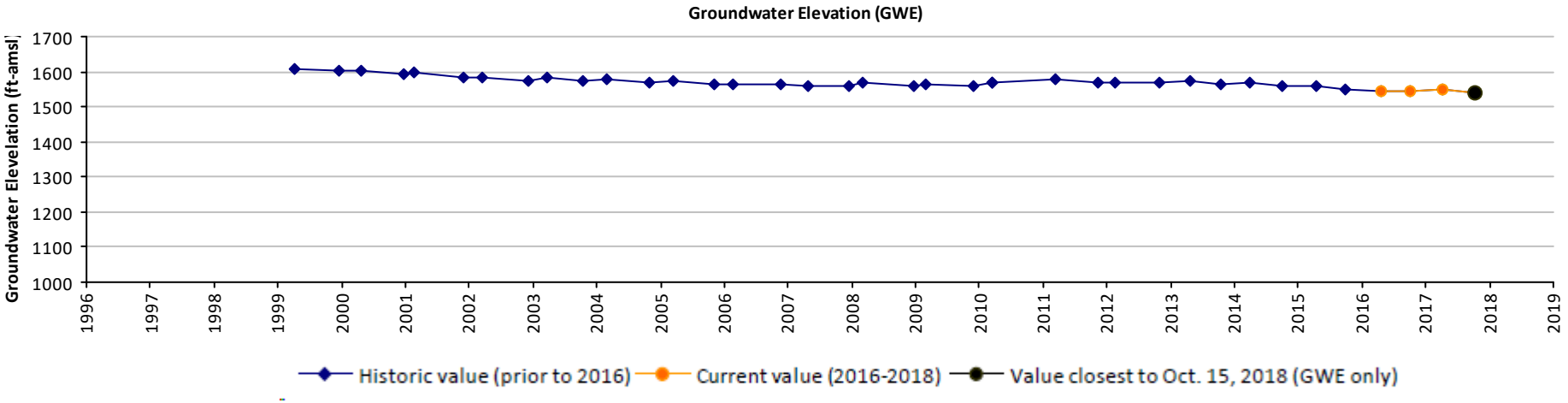
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
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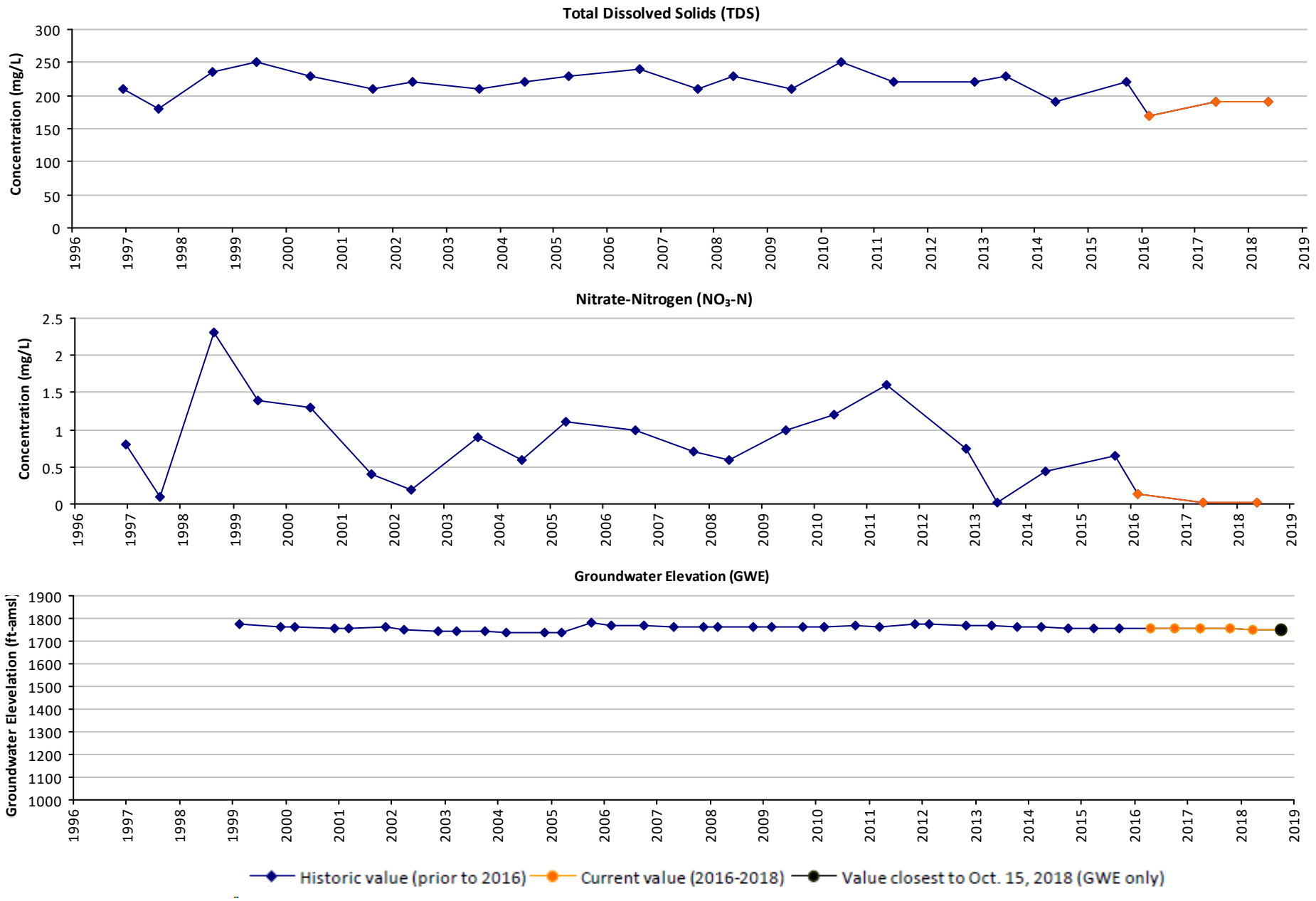
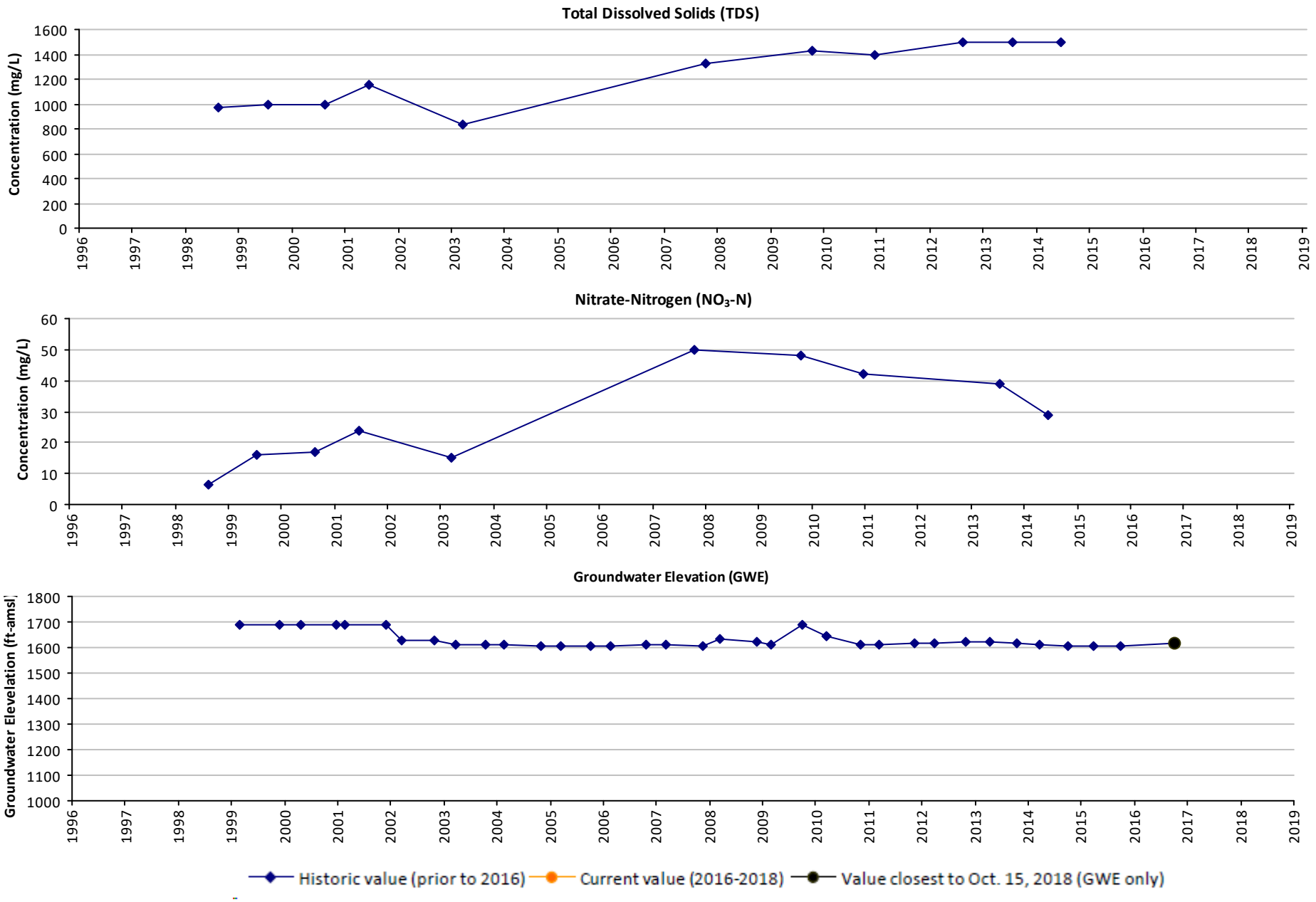
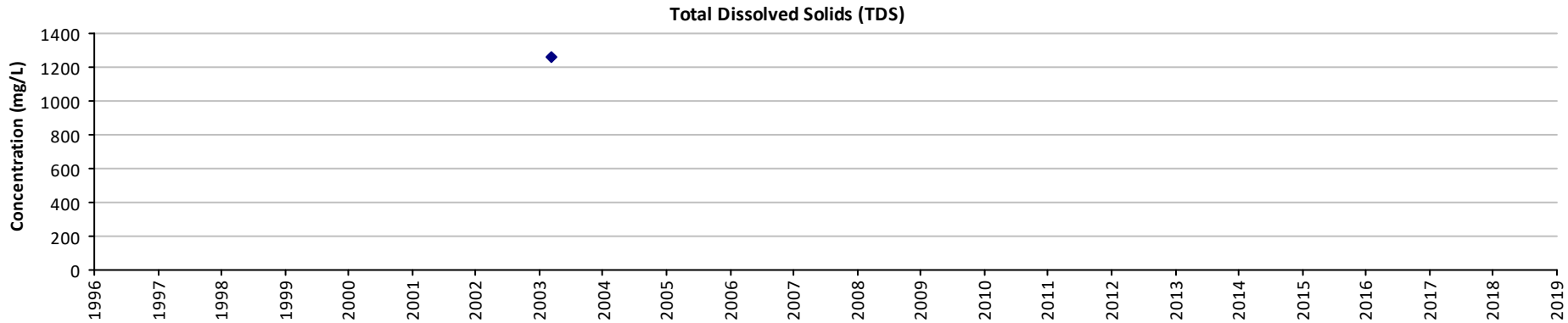
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
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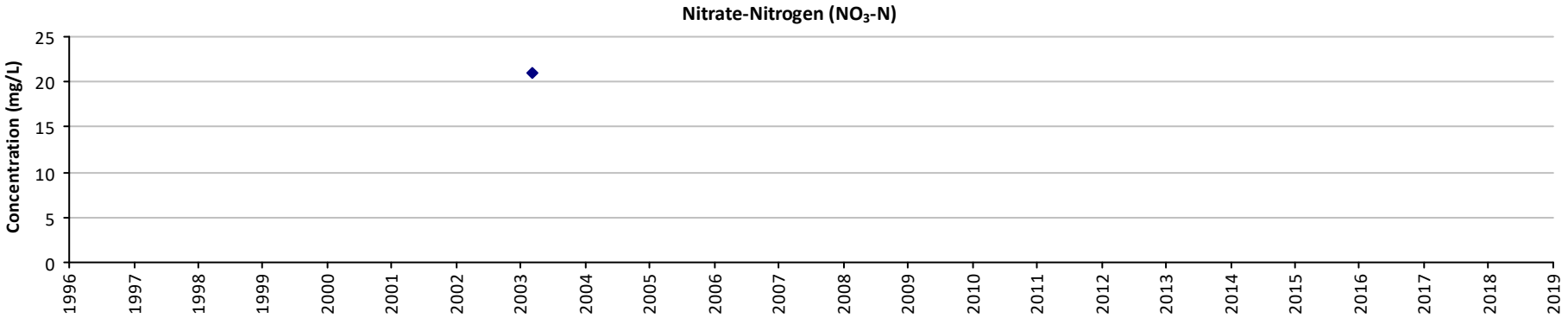
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
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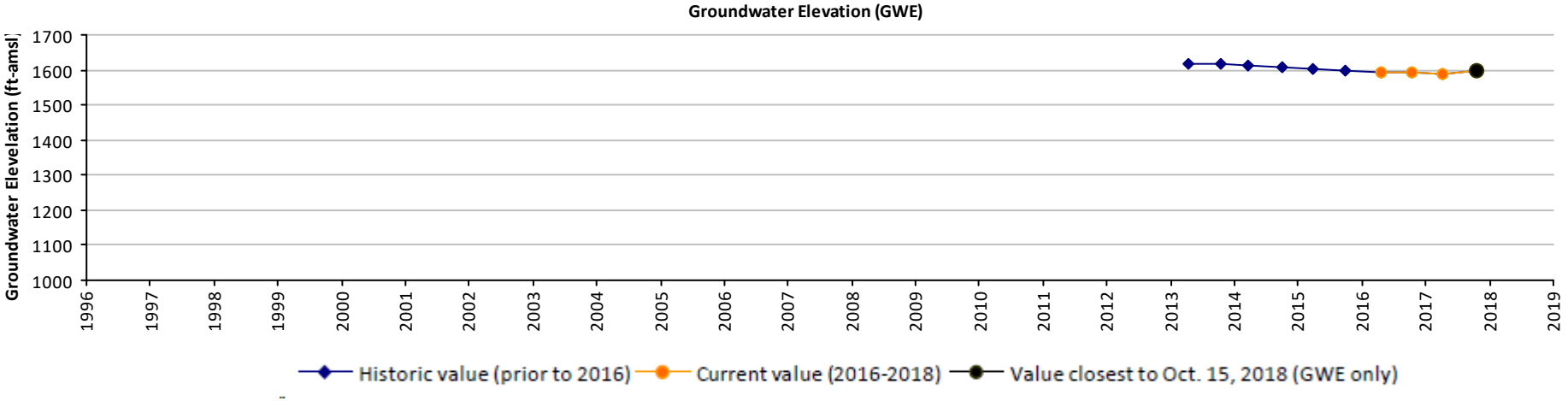
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
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1700
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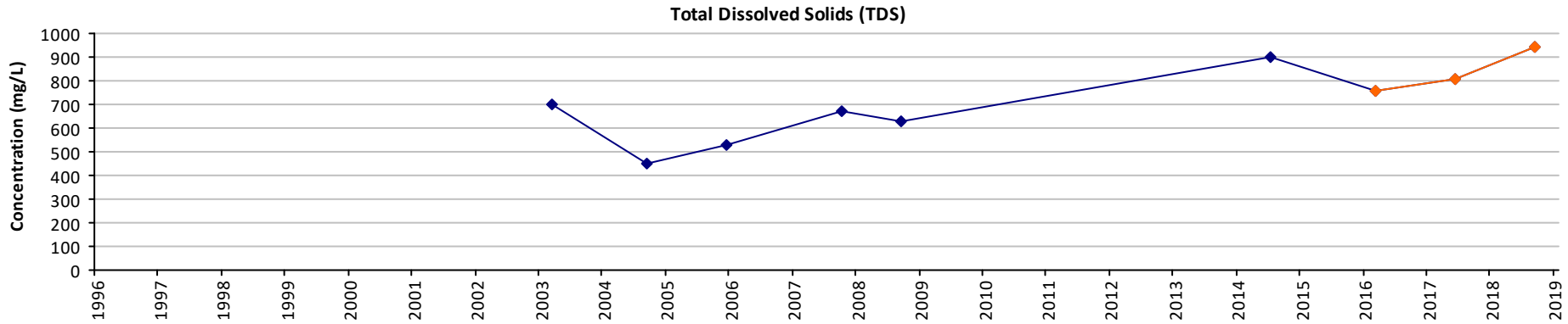
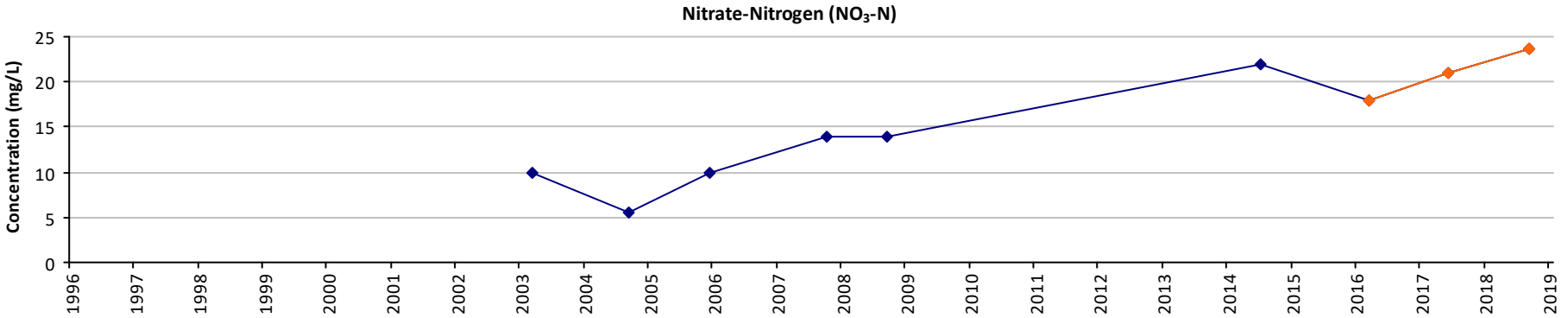
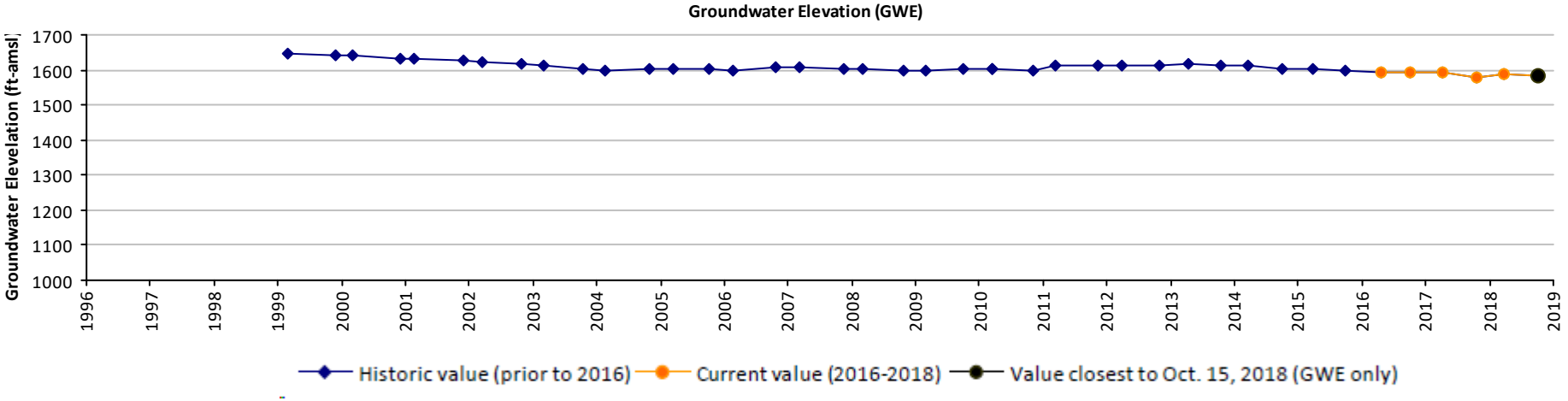
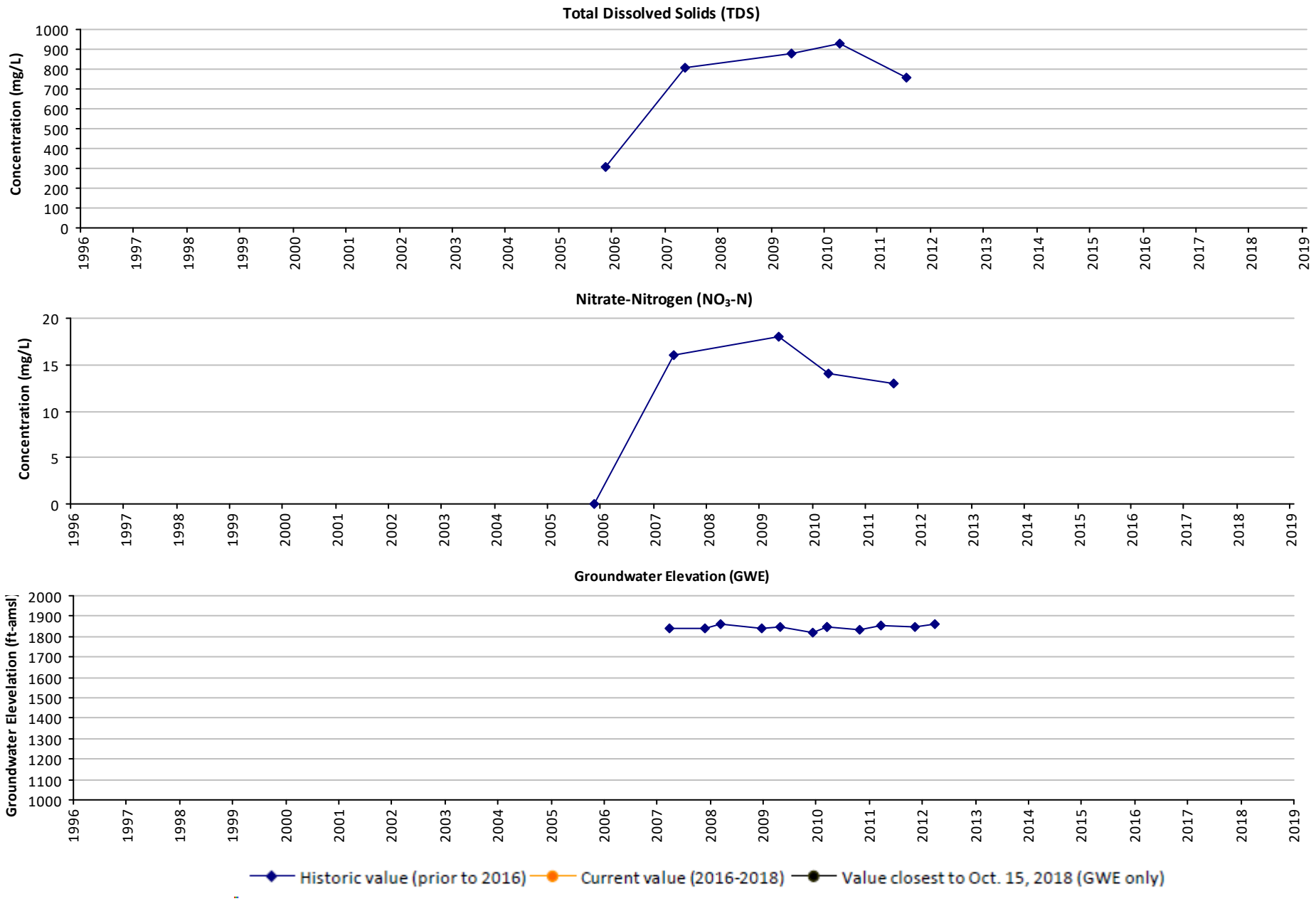
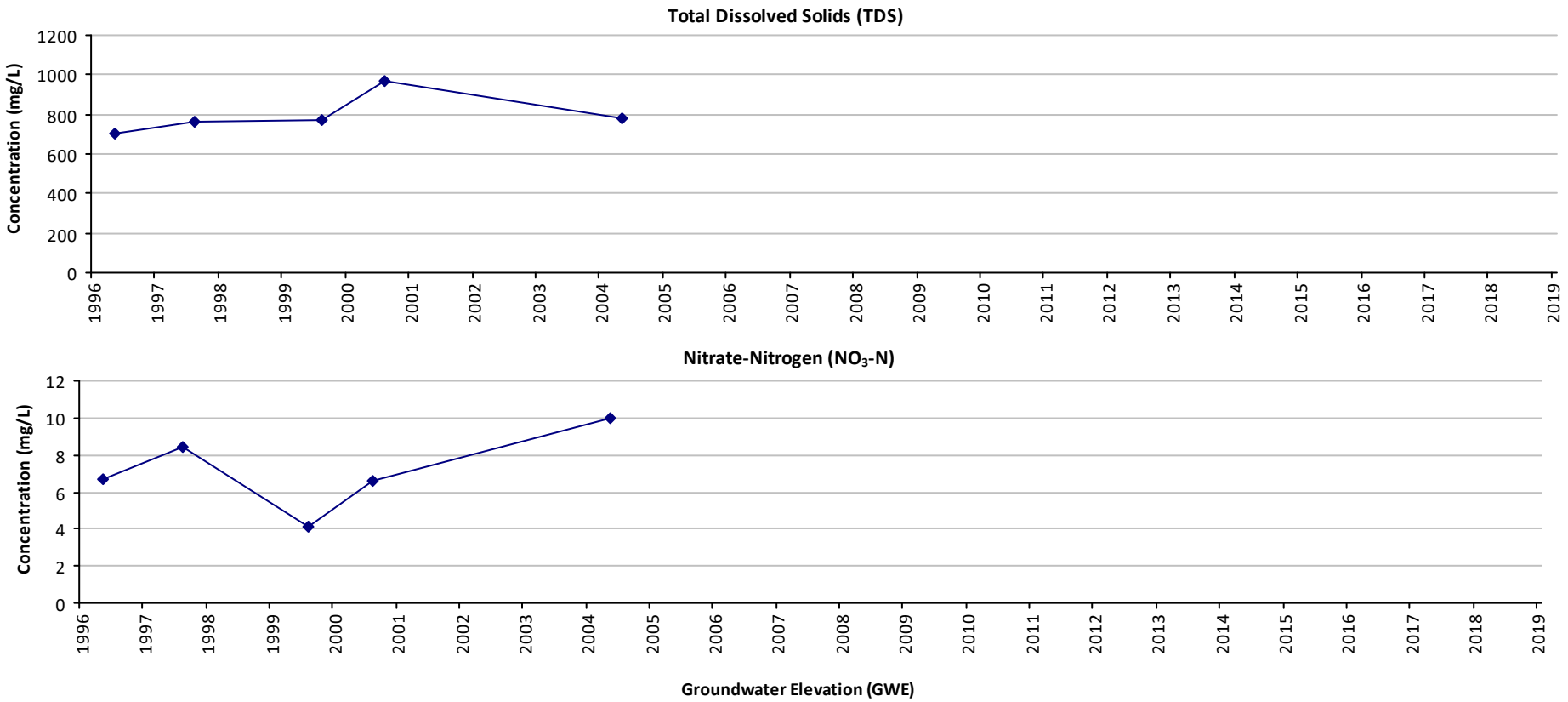
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

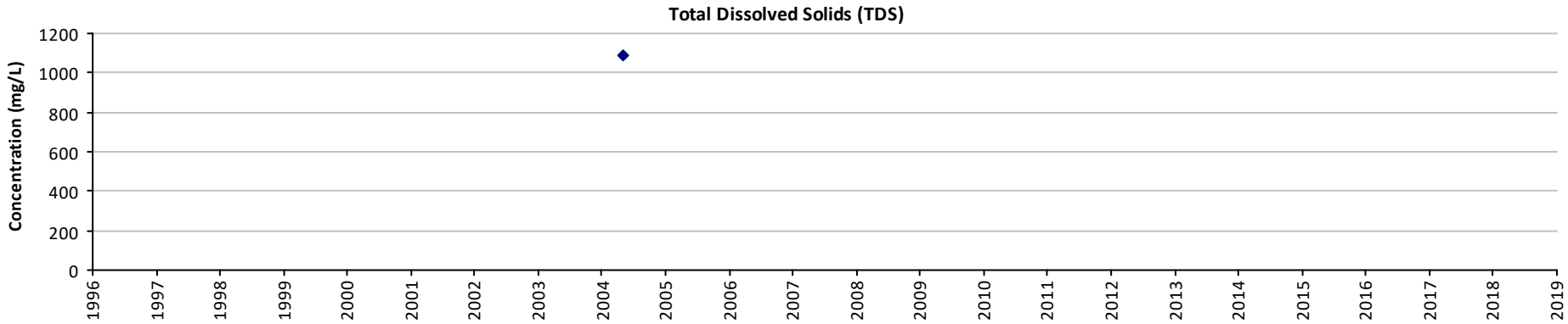

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

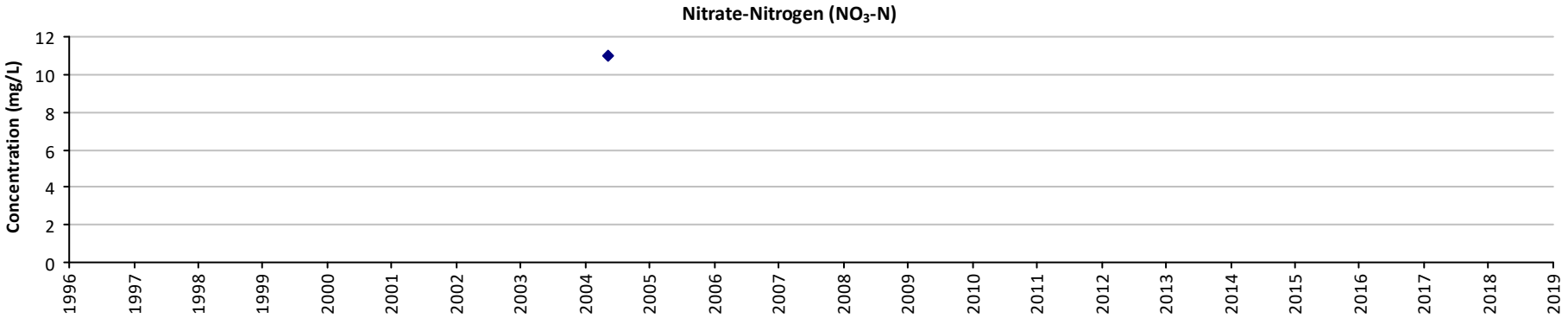

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1600
1500
1400
1300
1200
1100
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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2014
2015
2016
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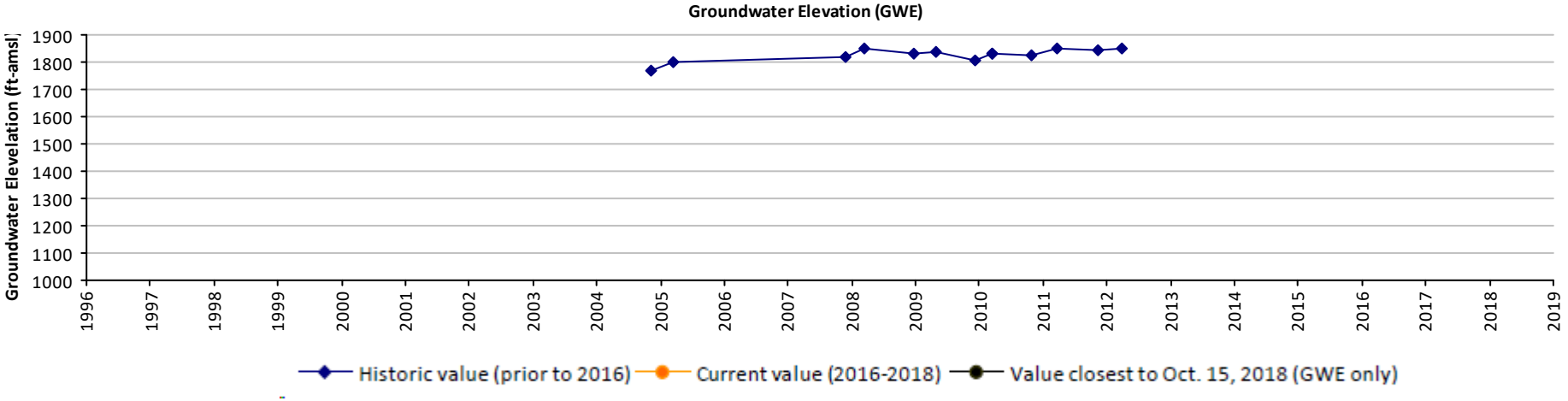
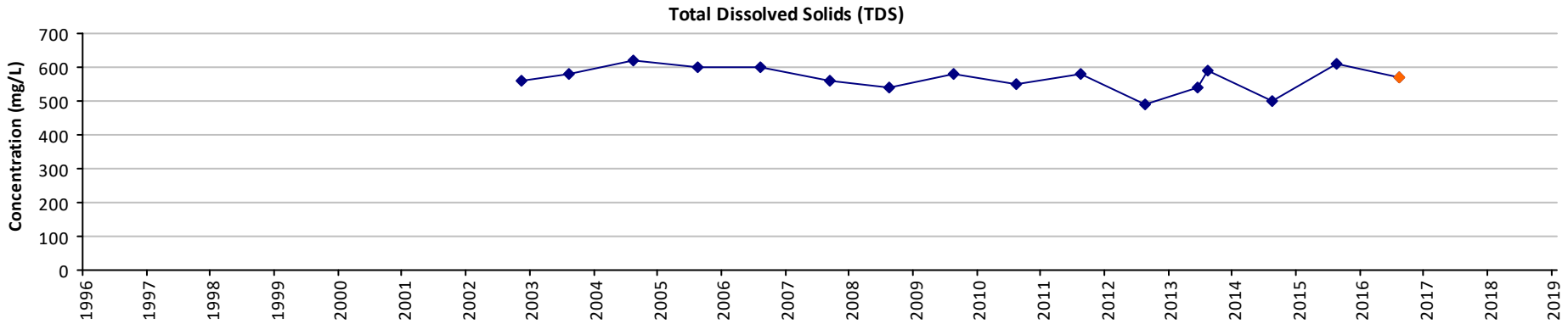
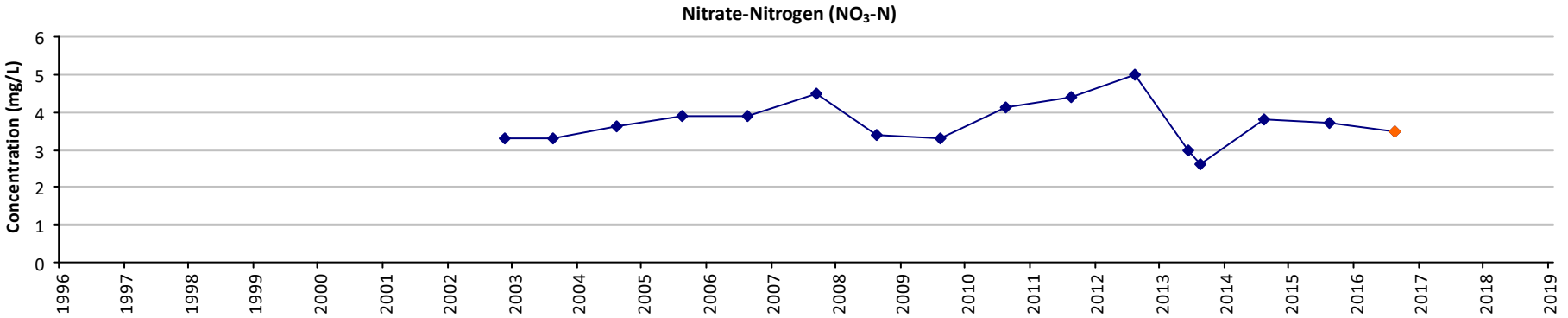
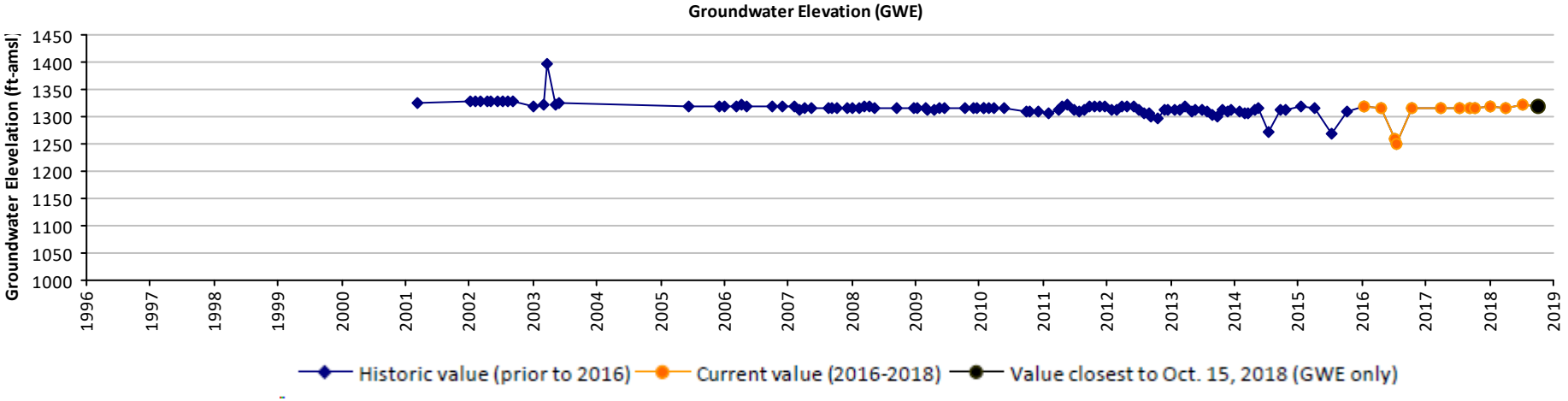
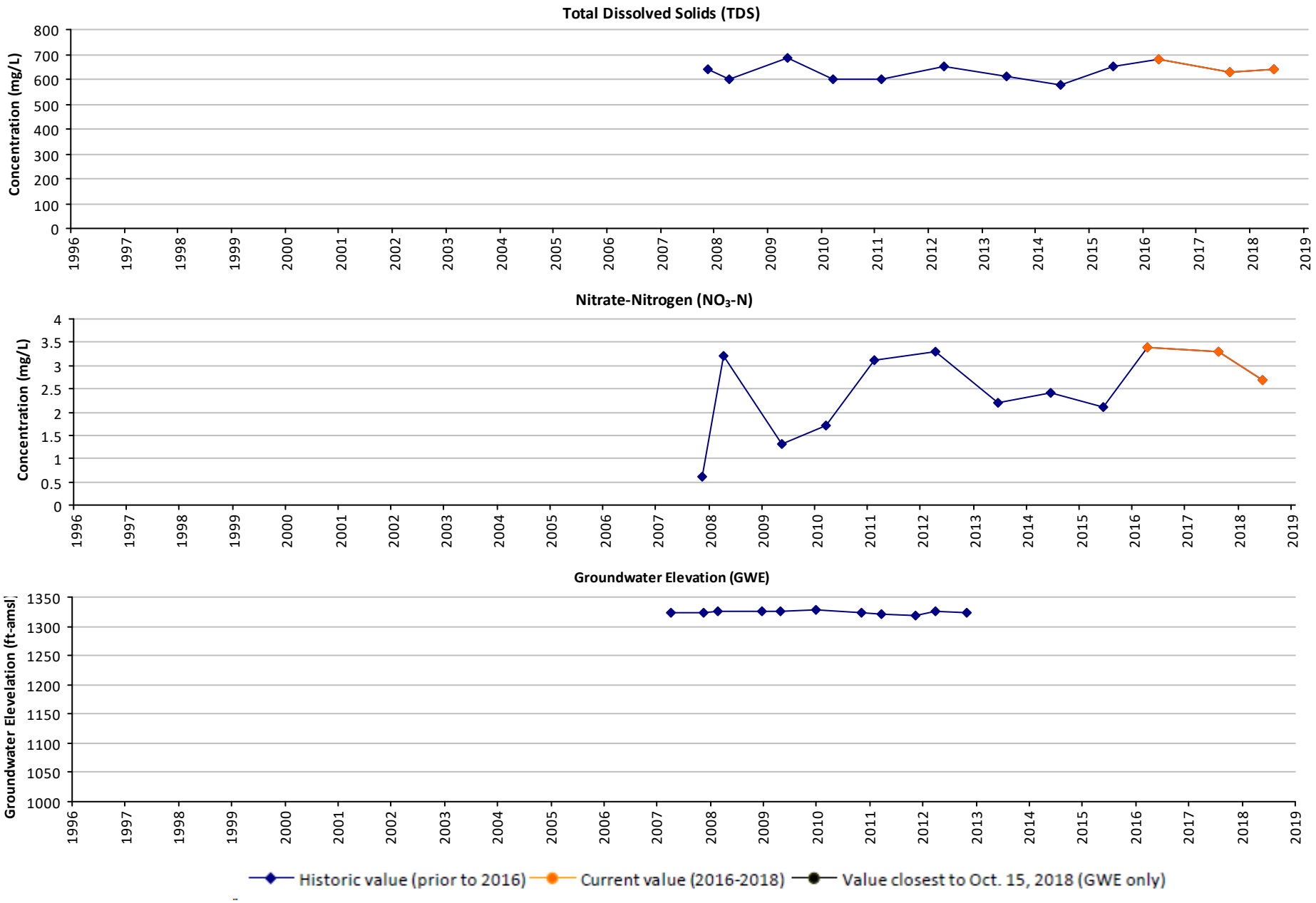
2018
2019

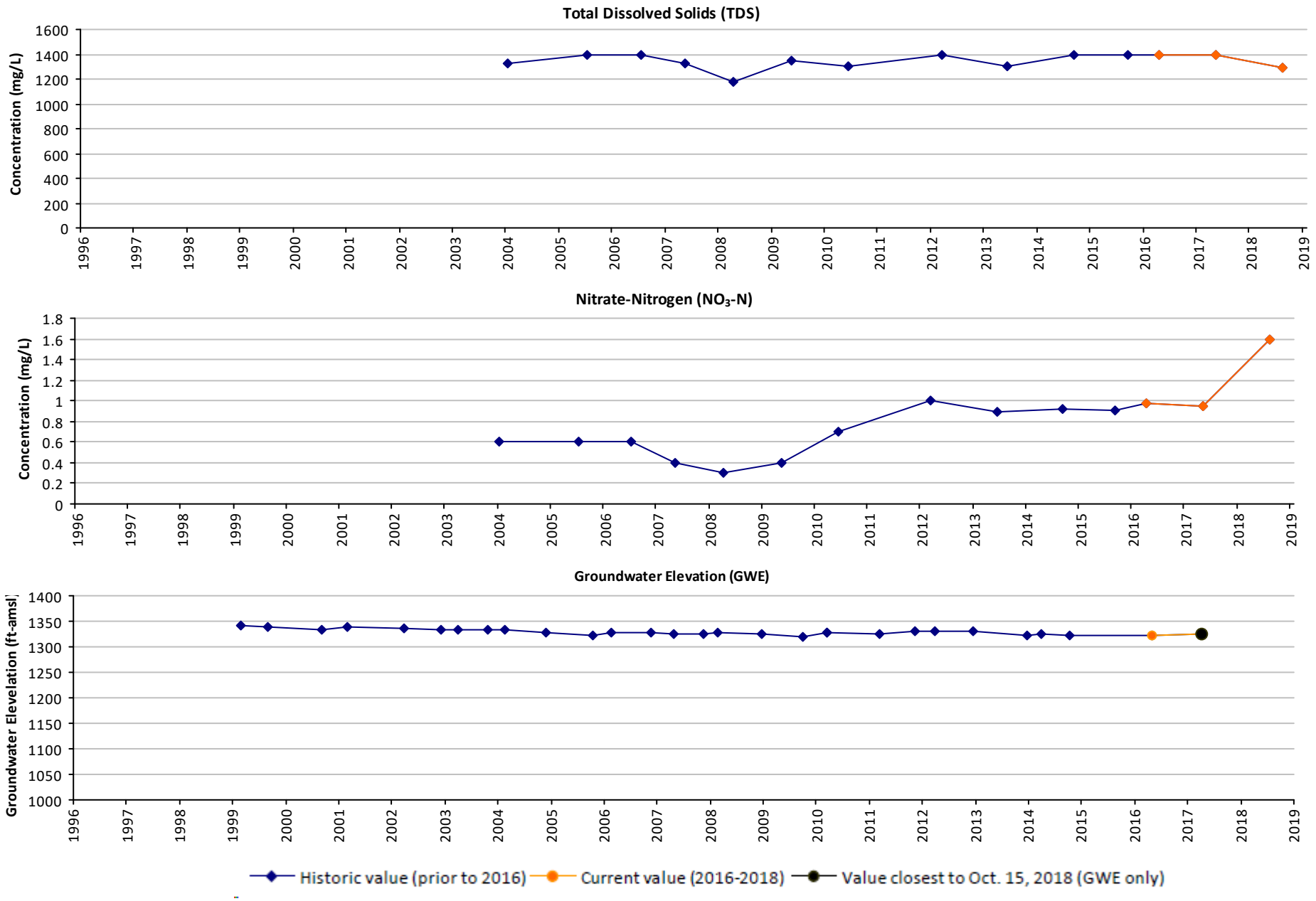

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

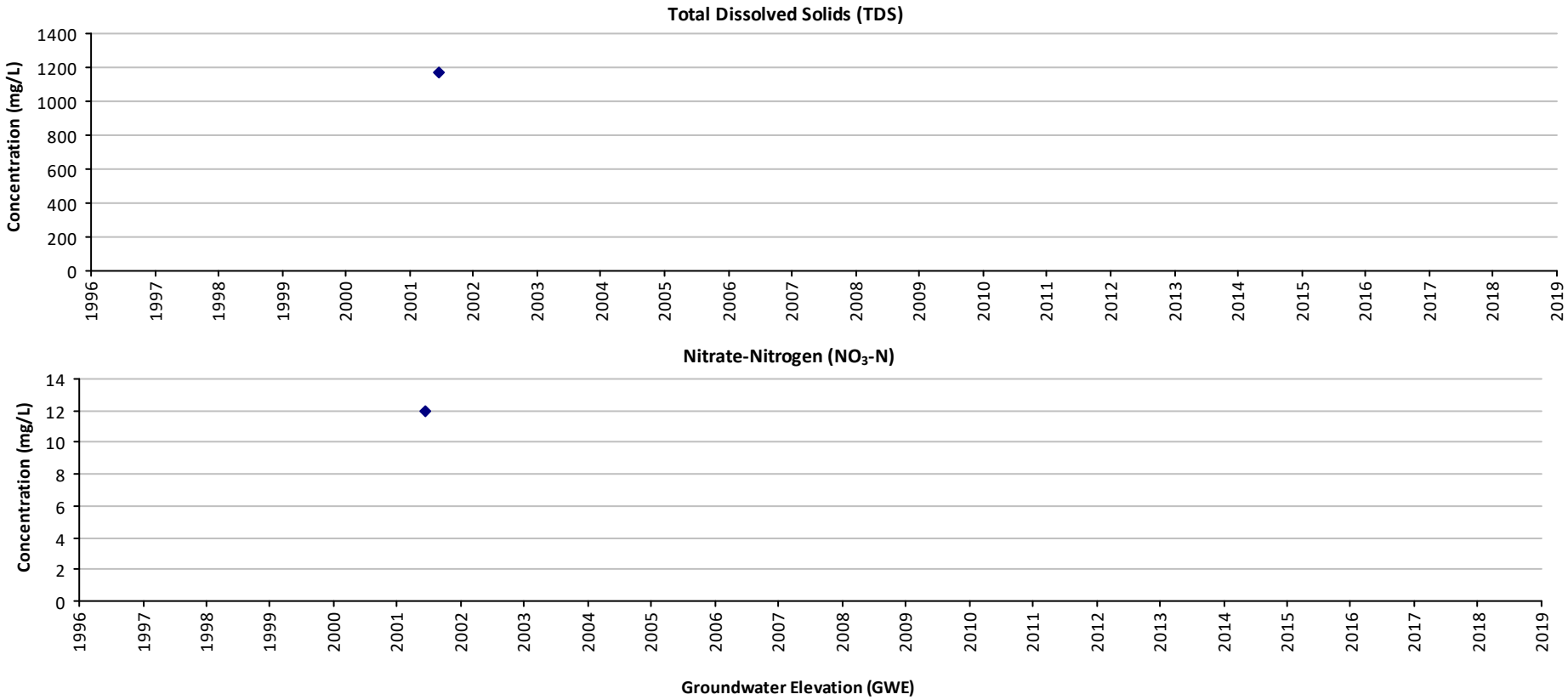

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

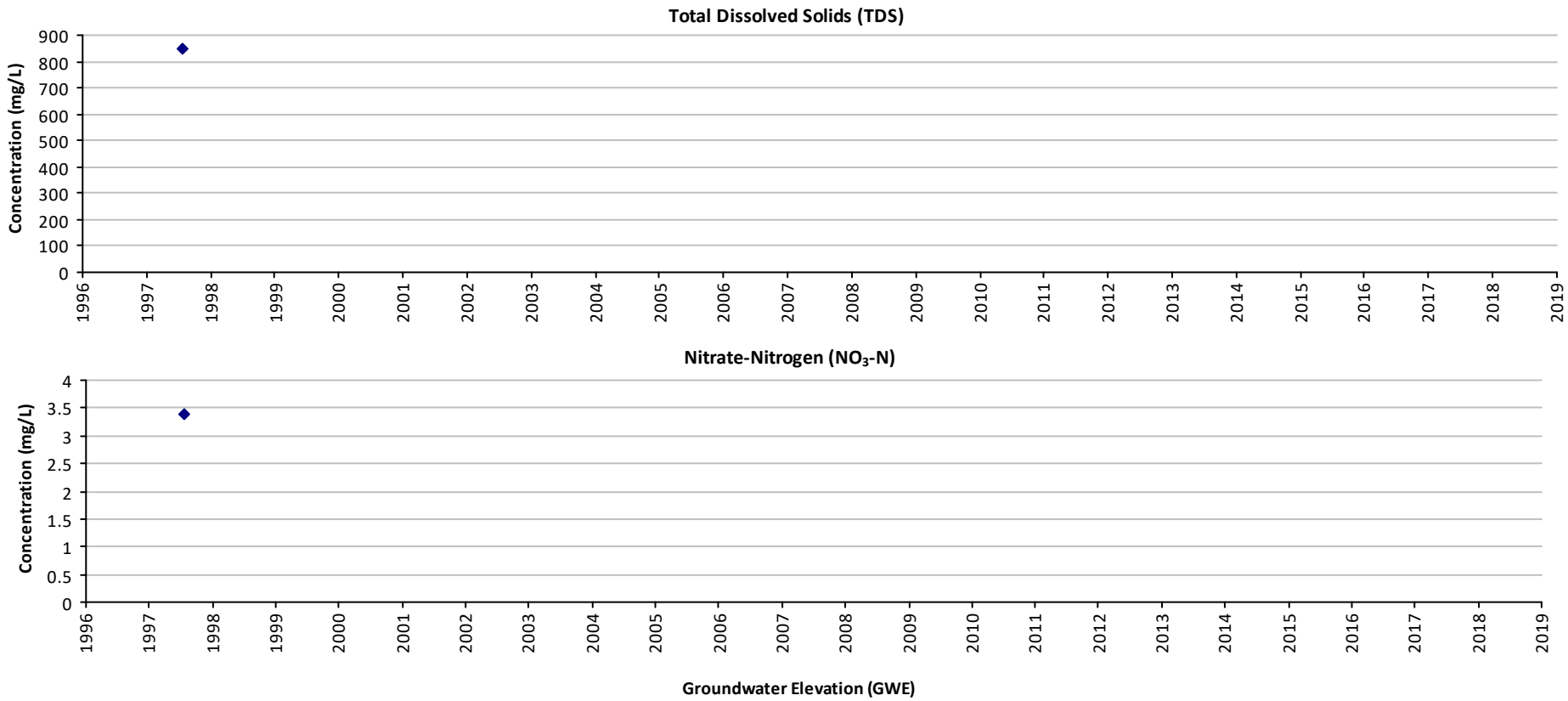

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

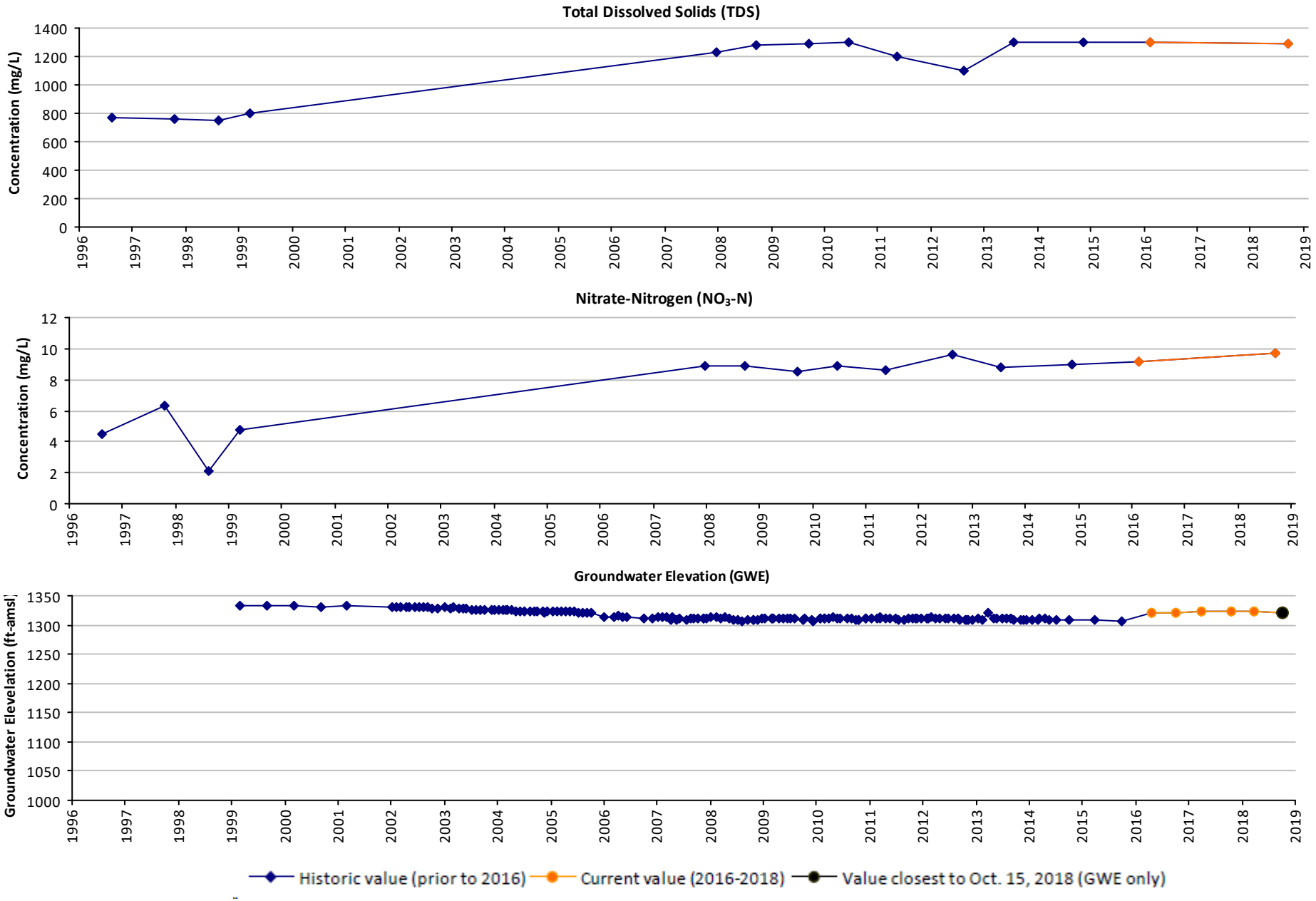

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

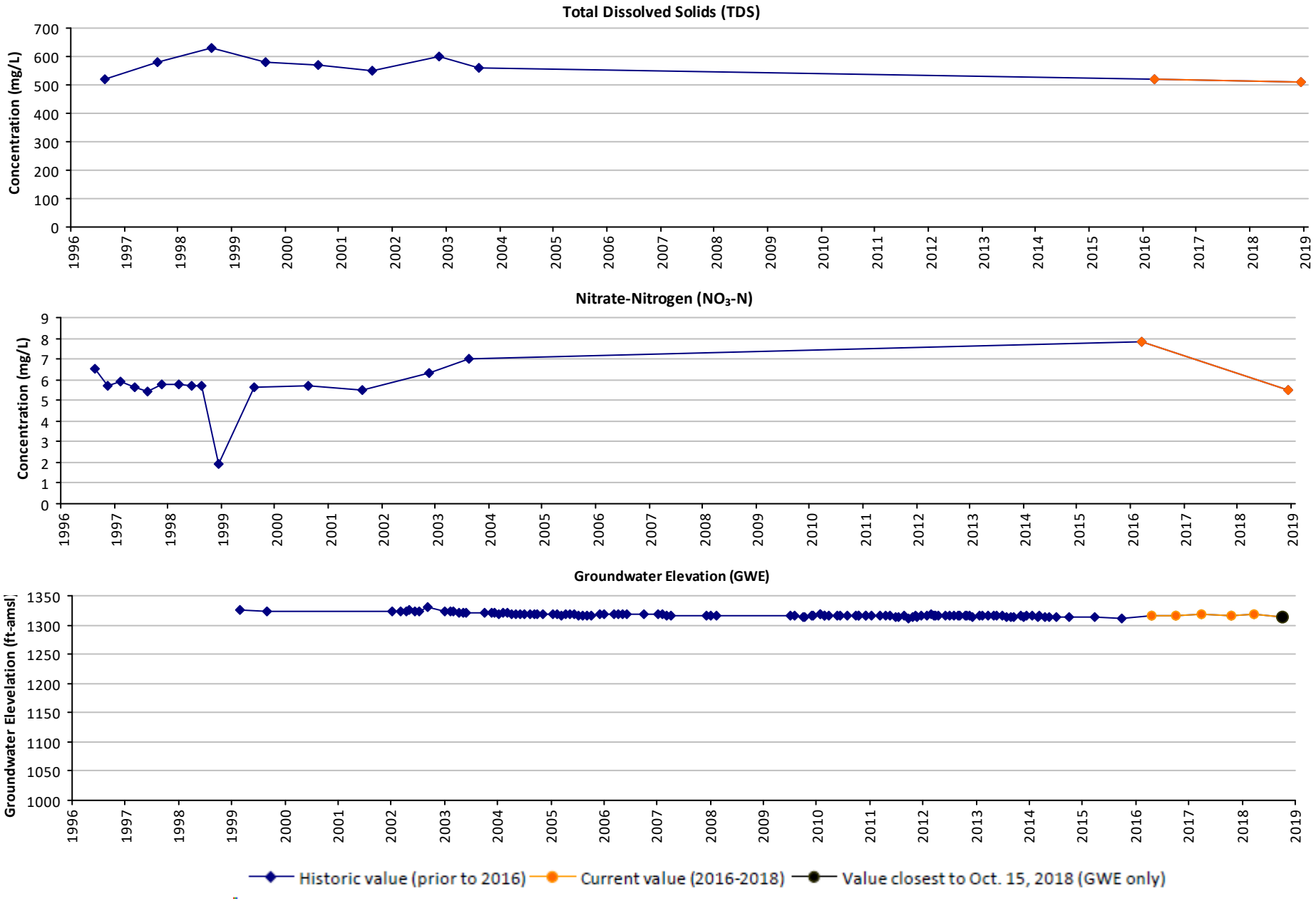

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

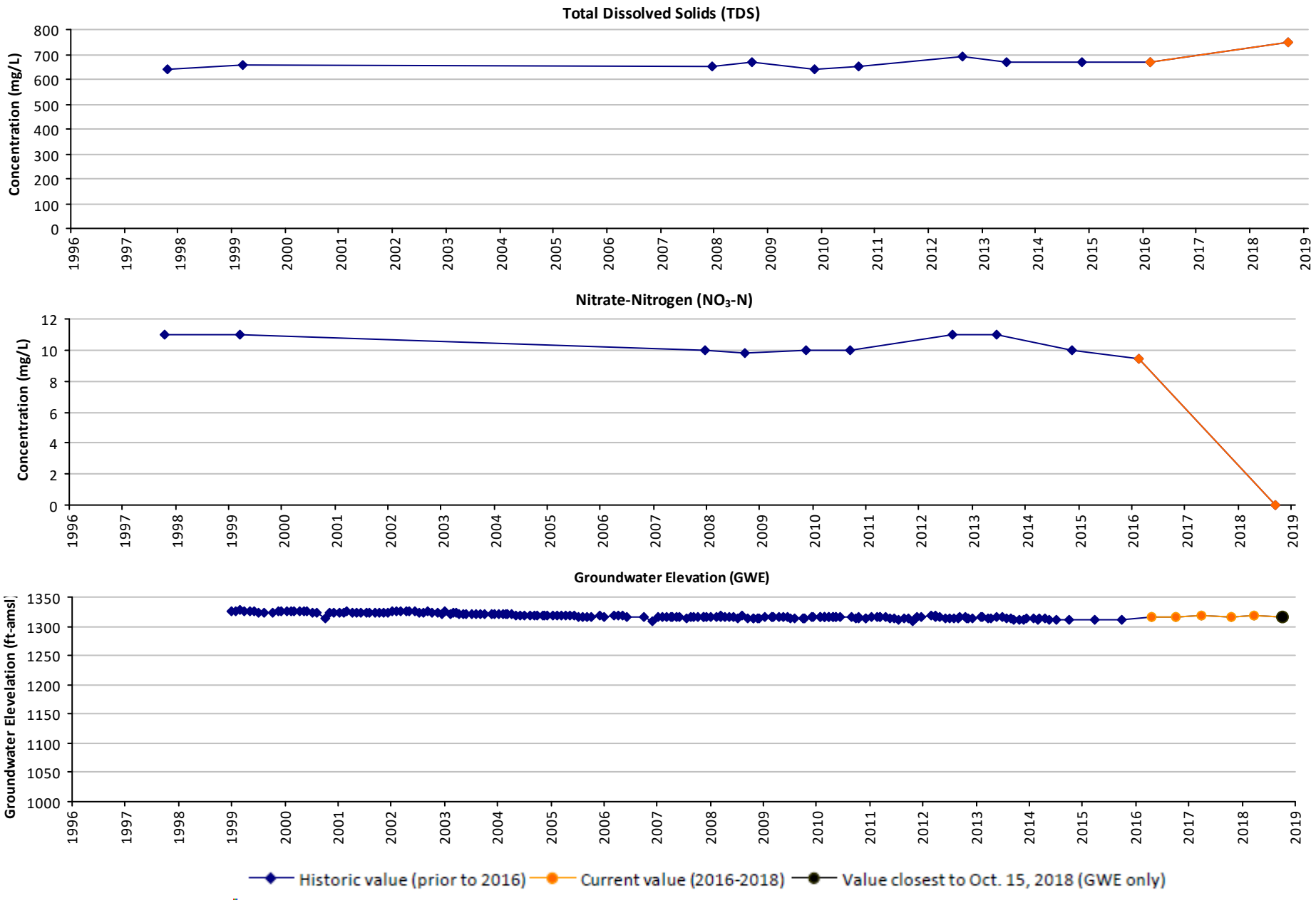

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

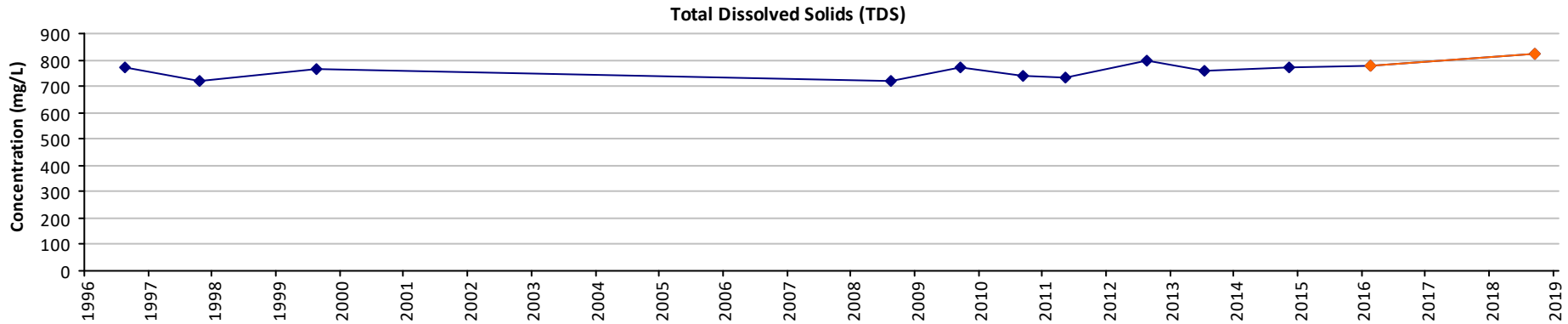

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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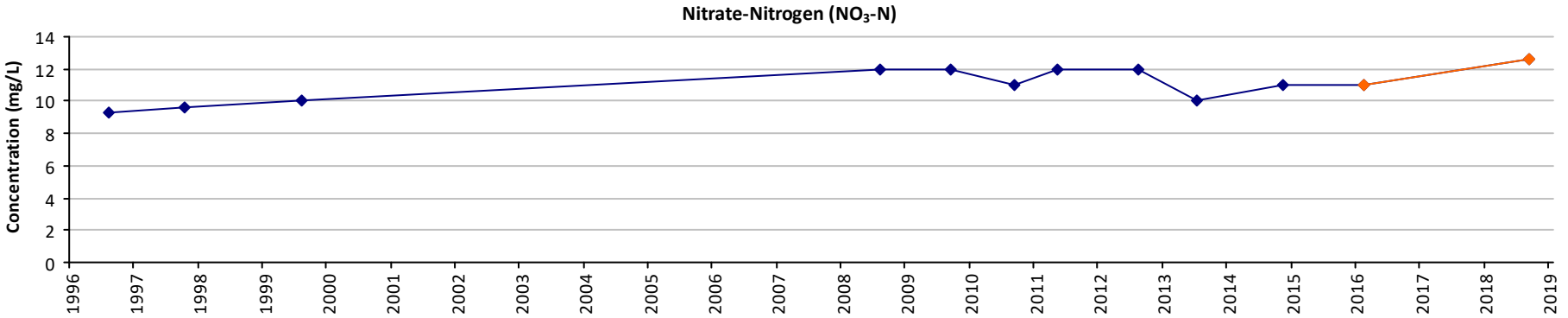
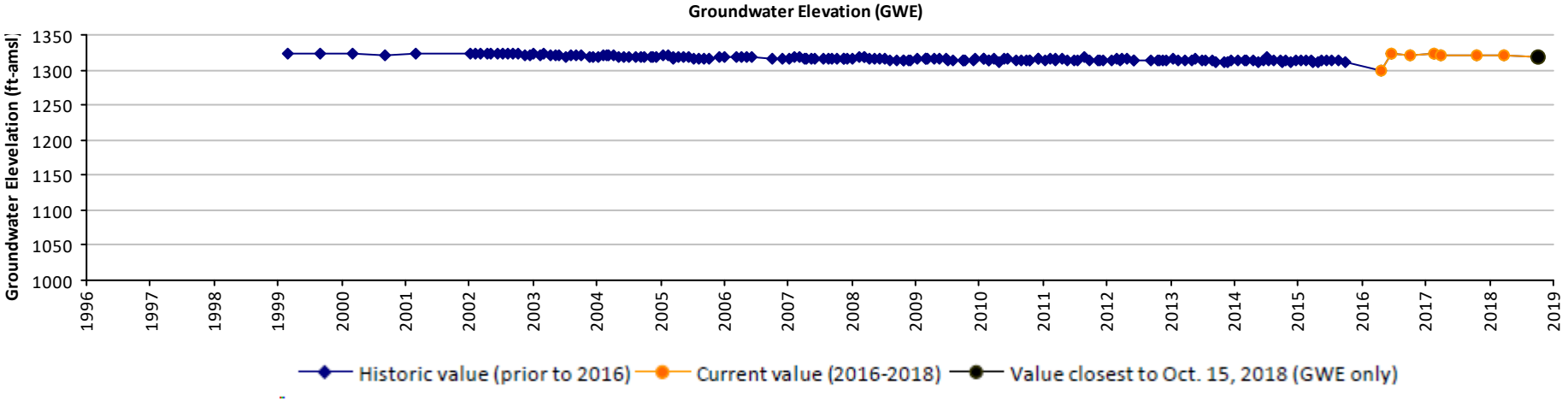
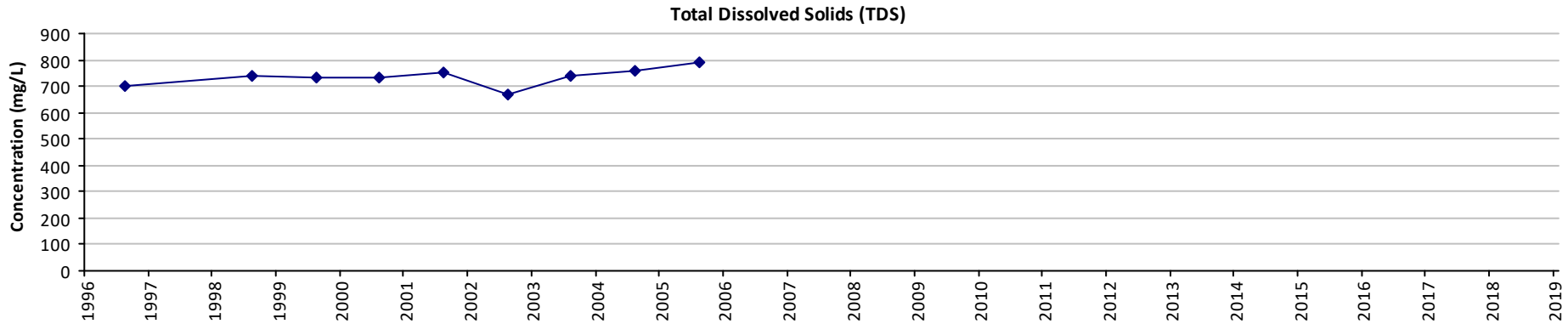
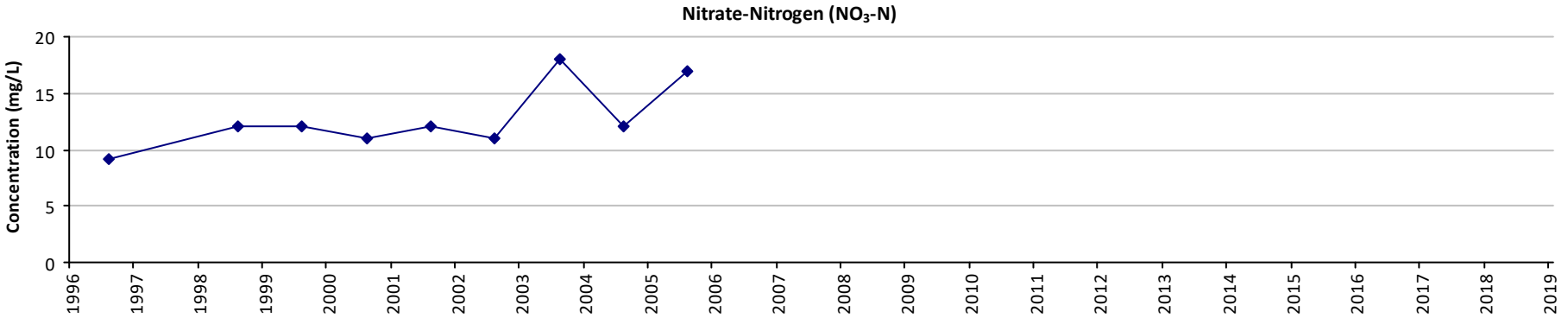
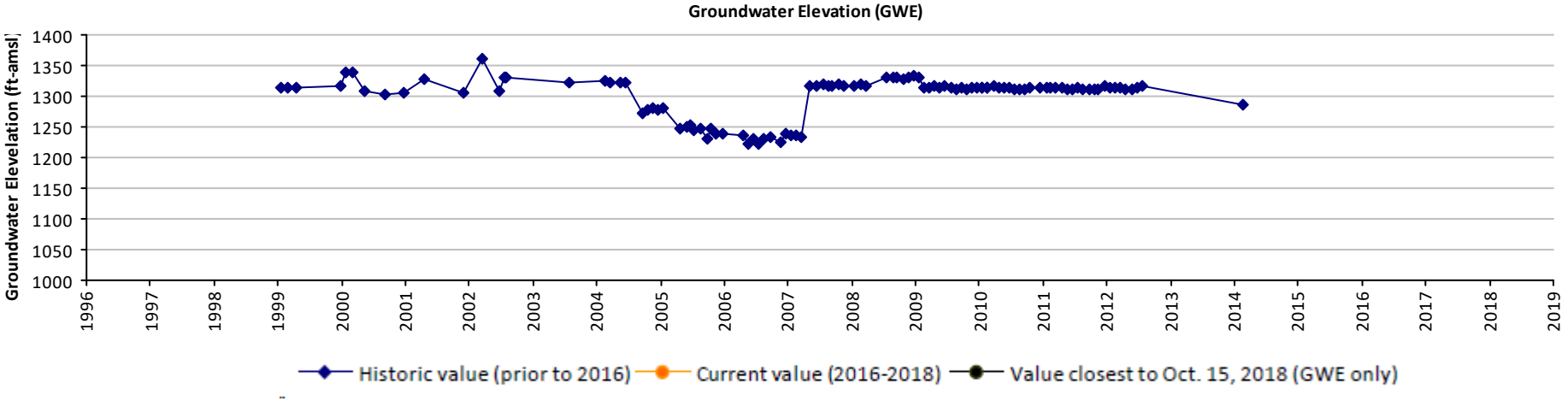
2016
2017
2018
2019

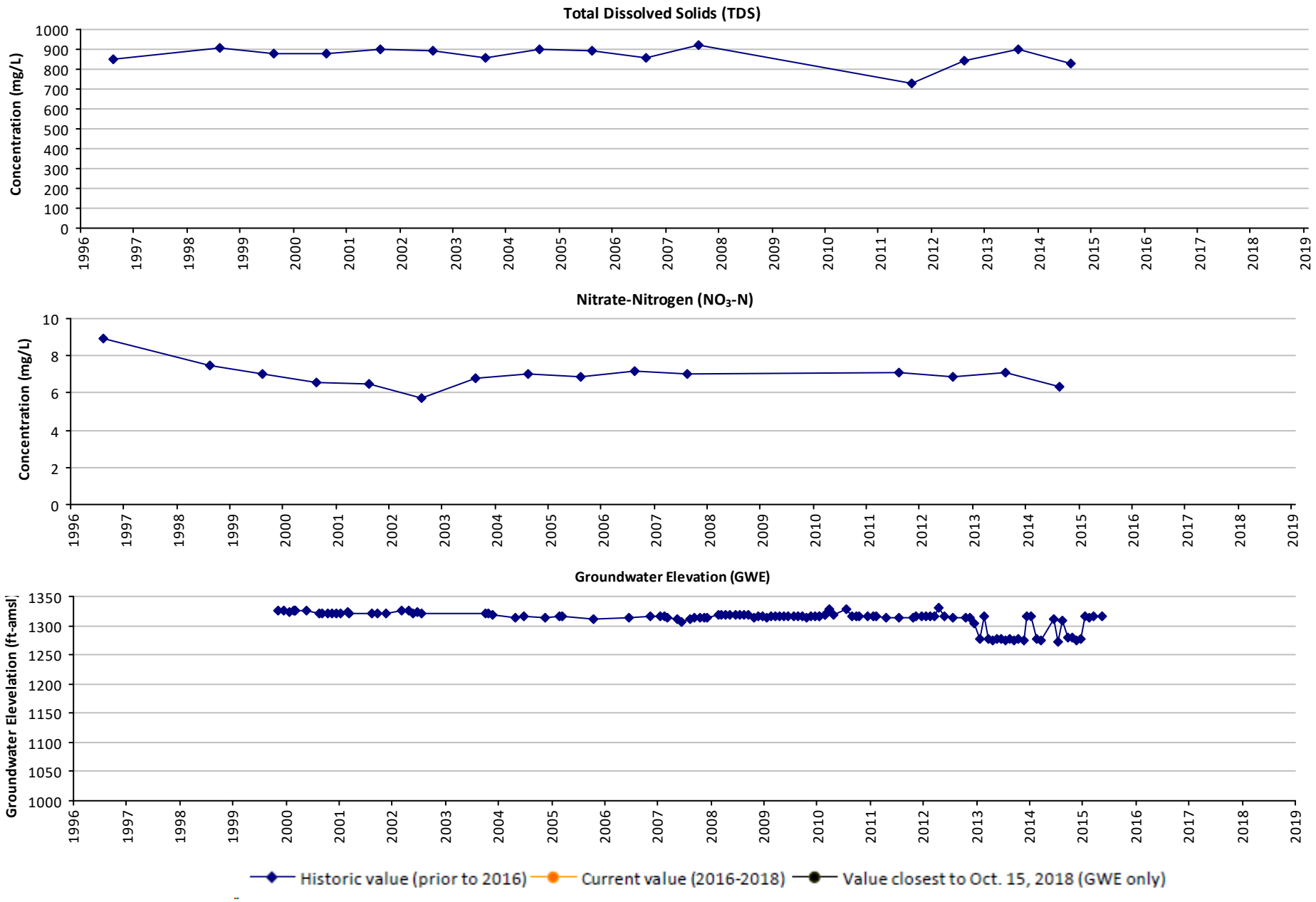

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

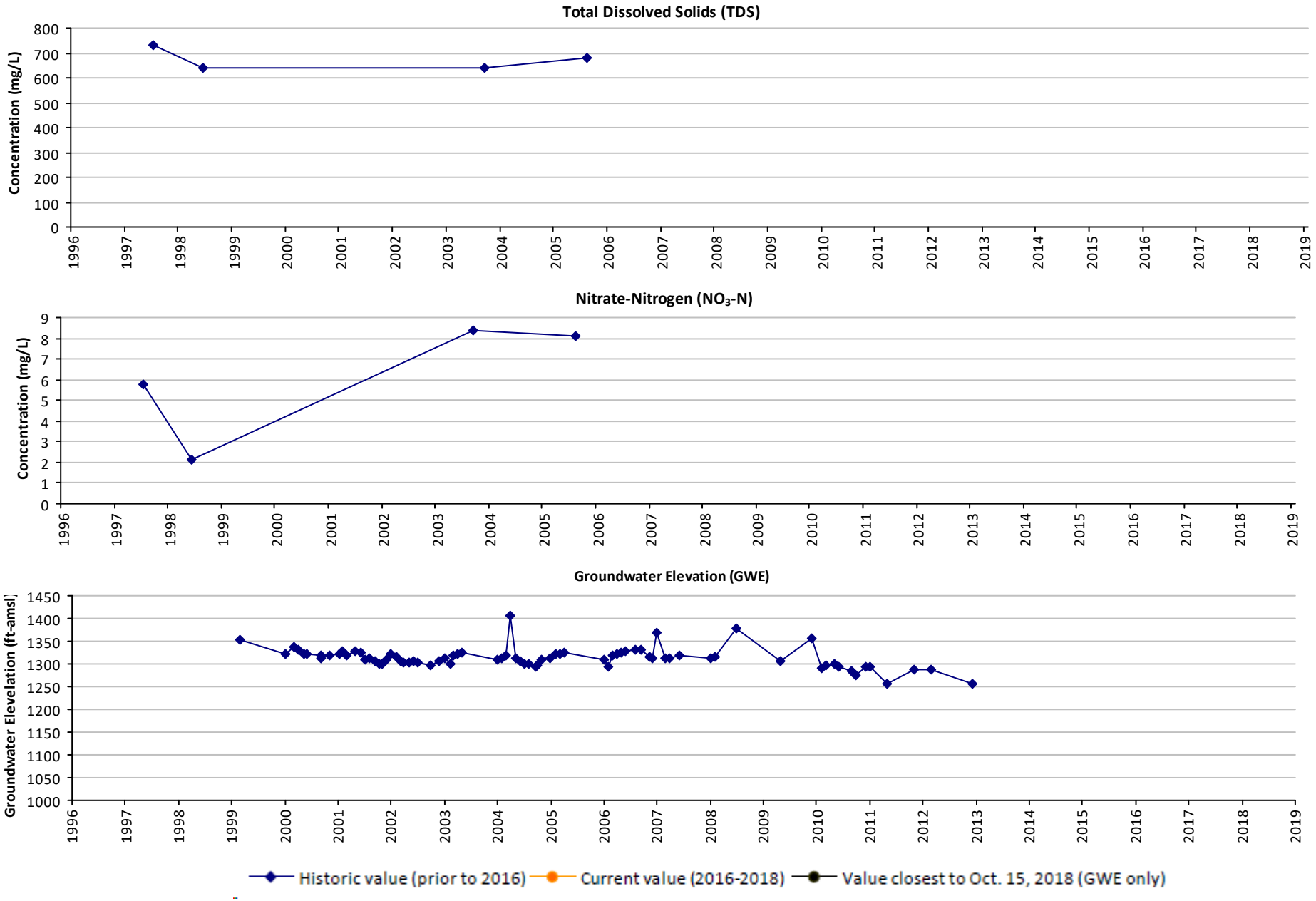

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

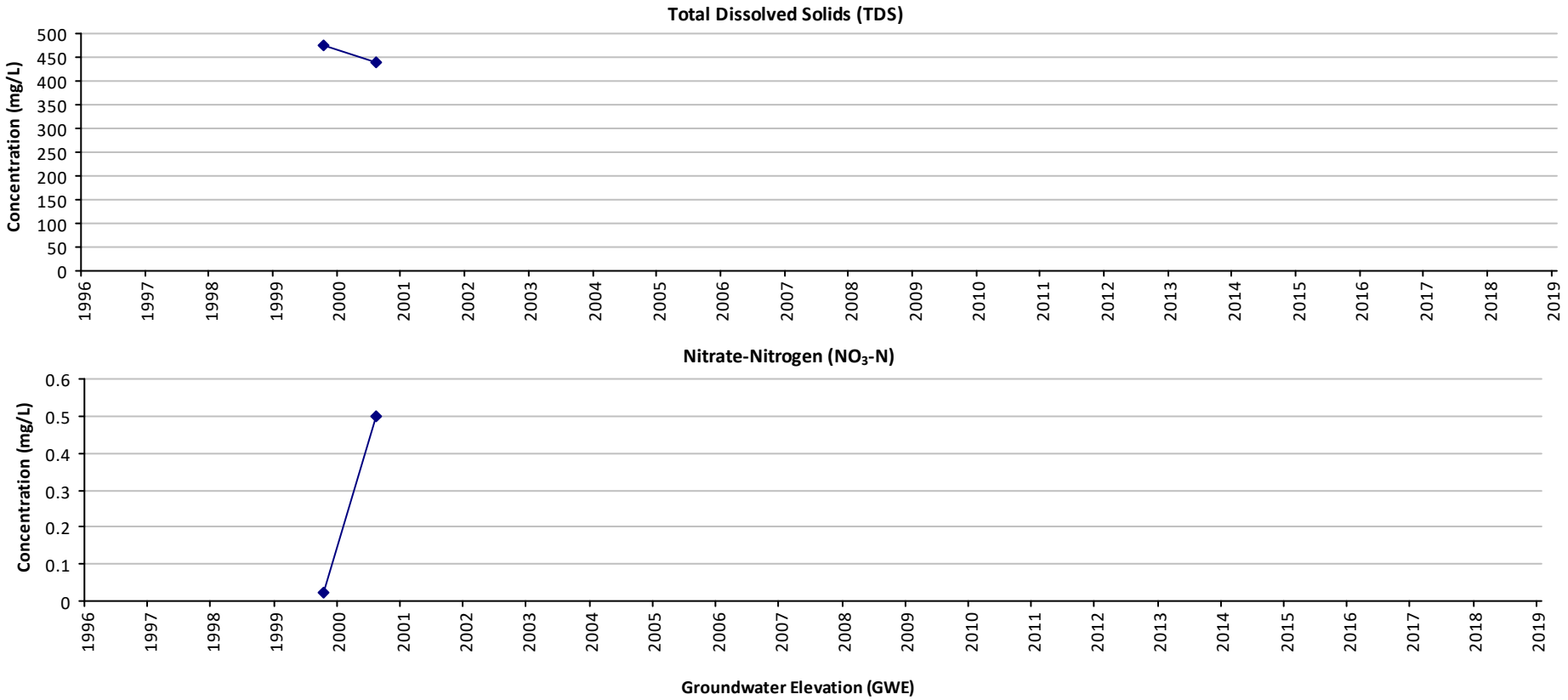

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

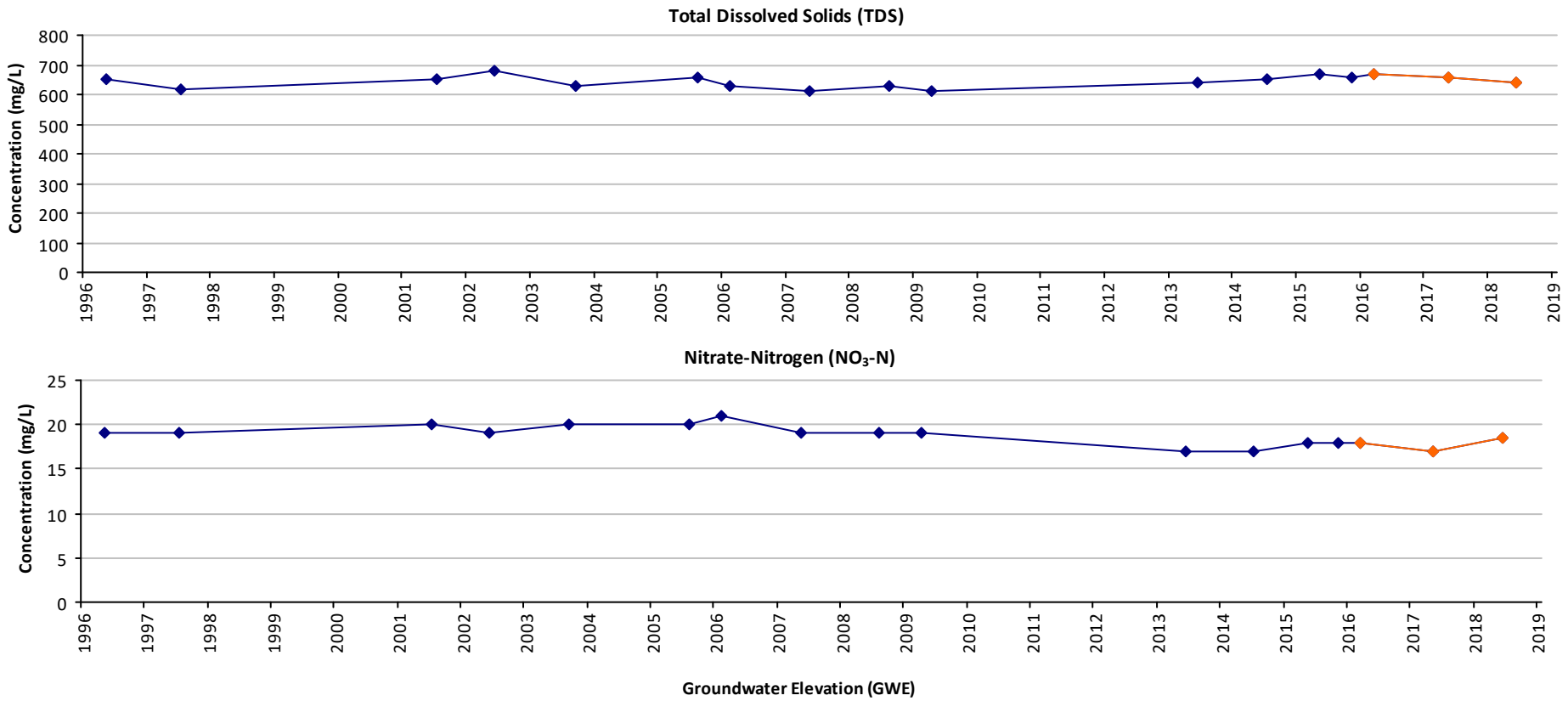

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

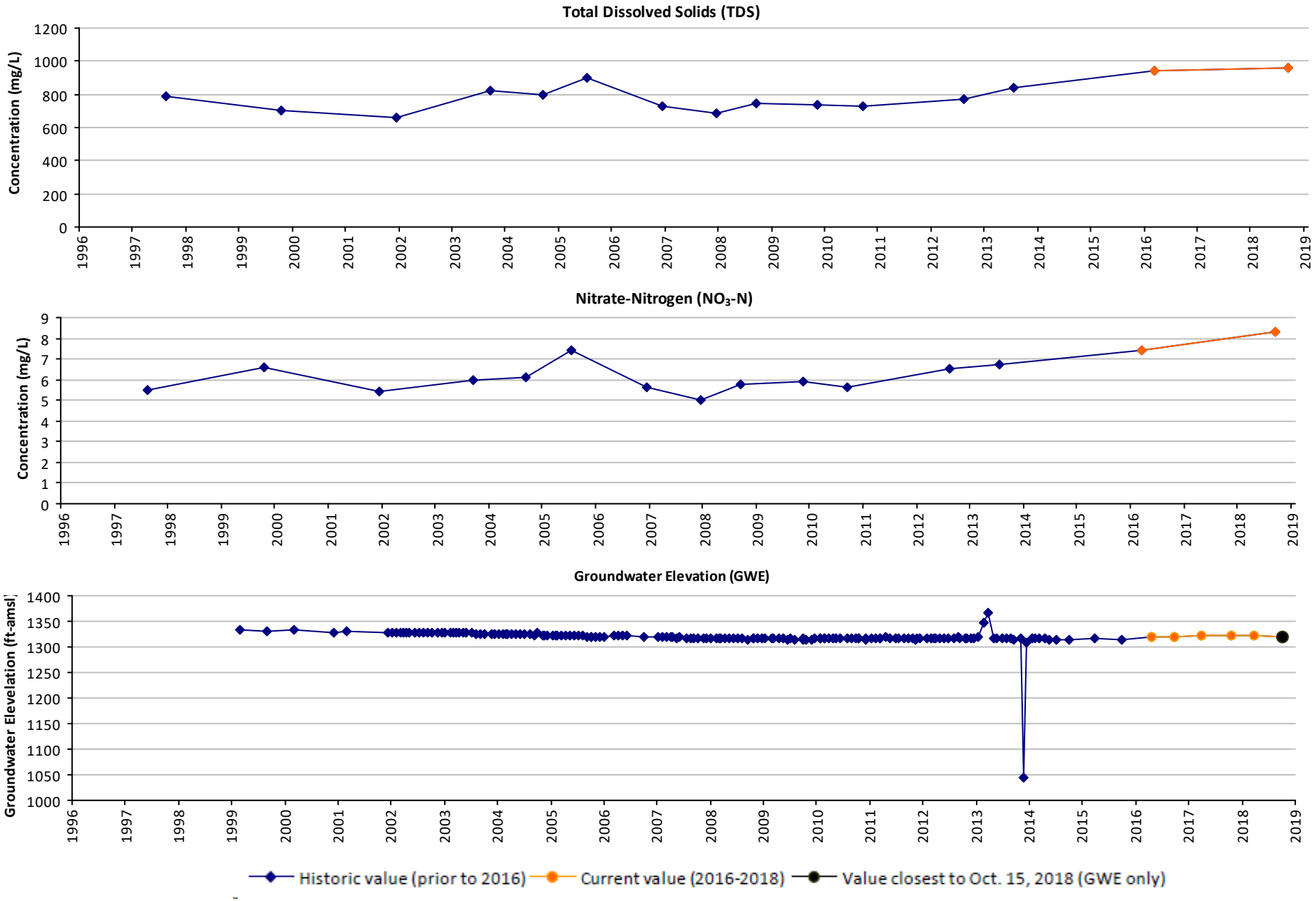

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

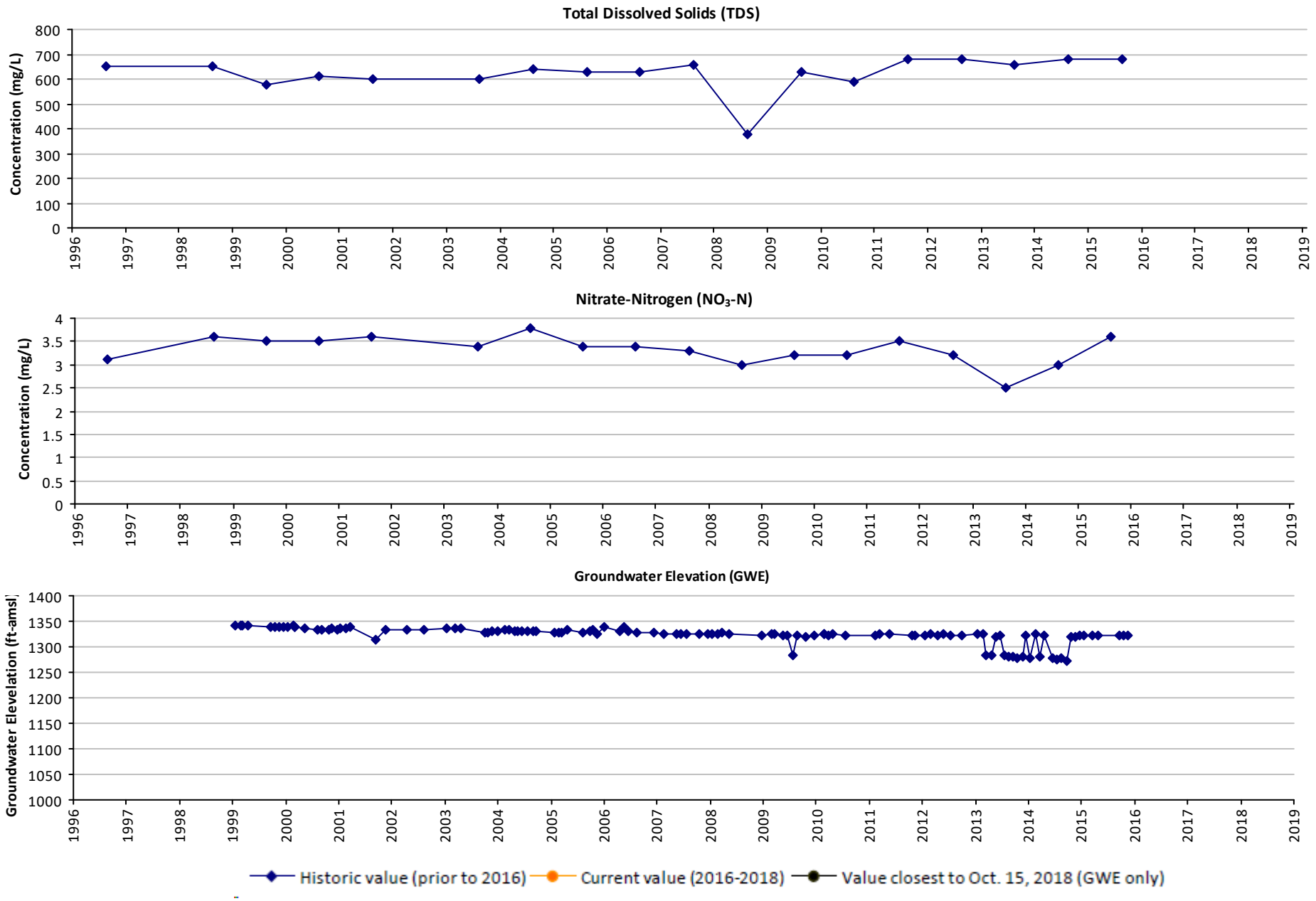

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

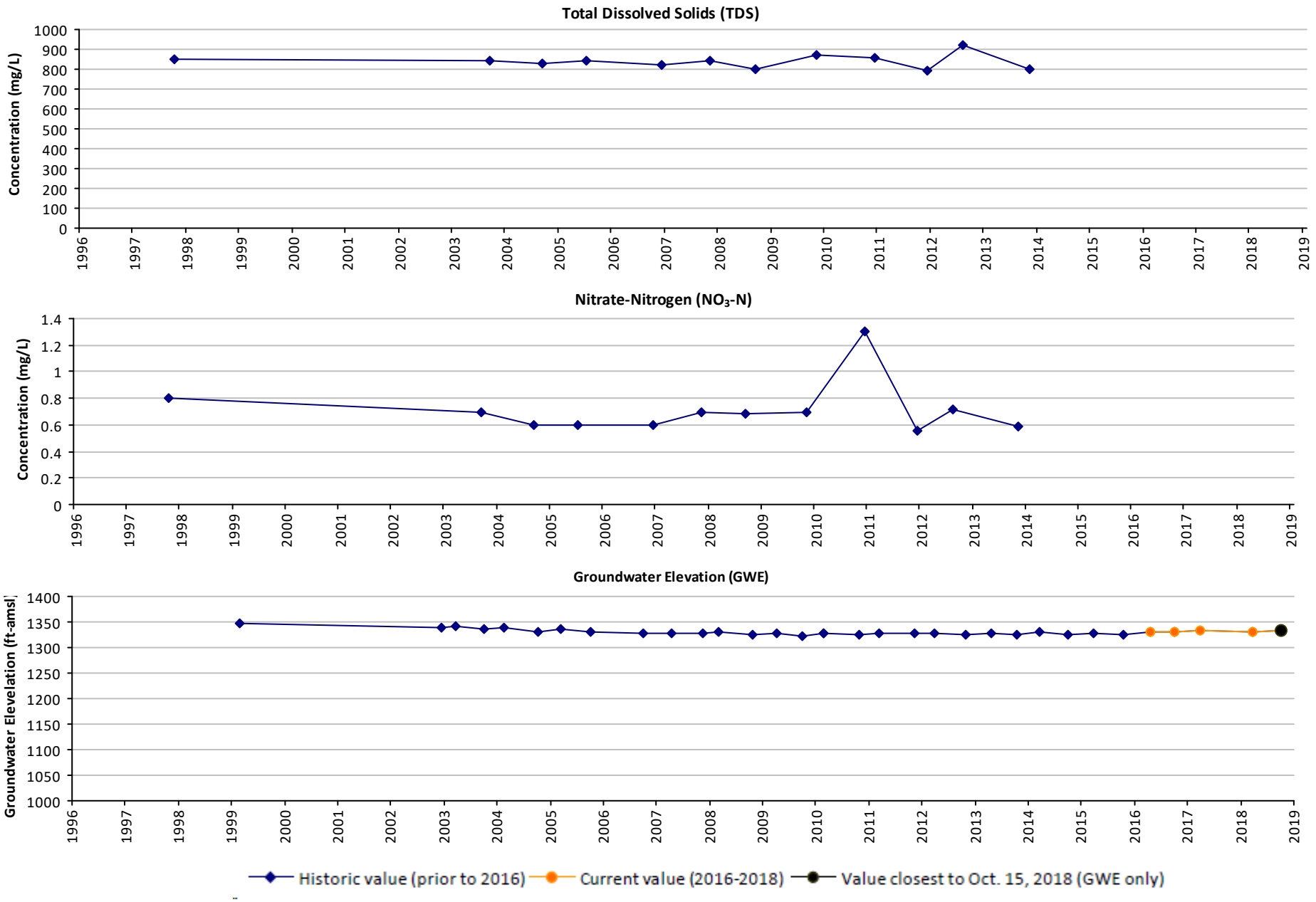

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

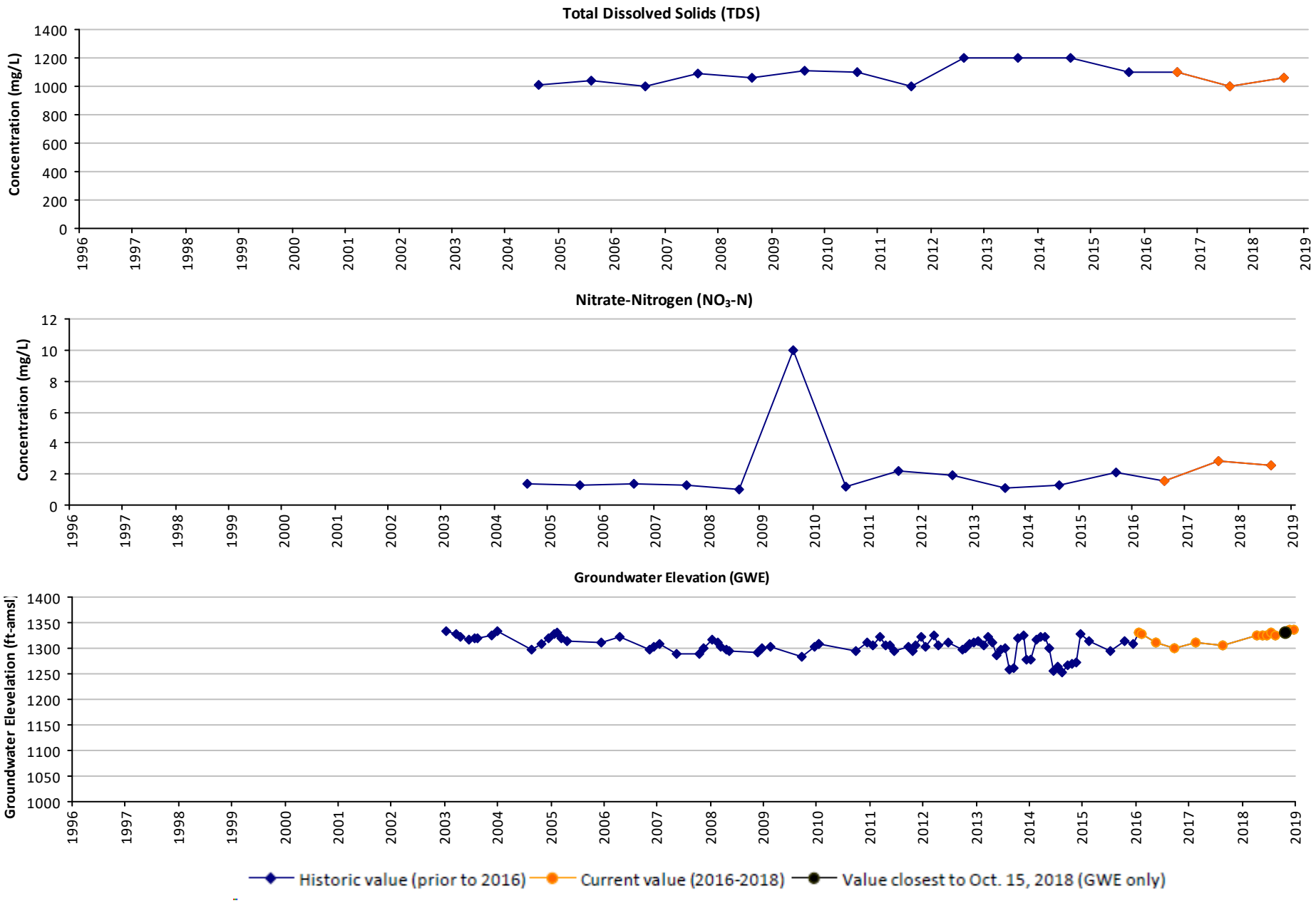

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

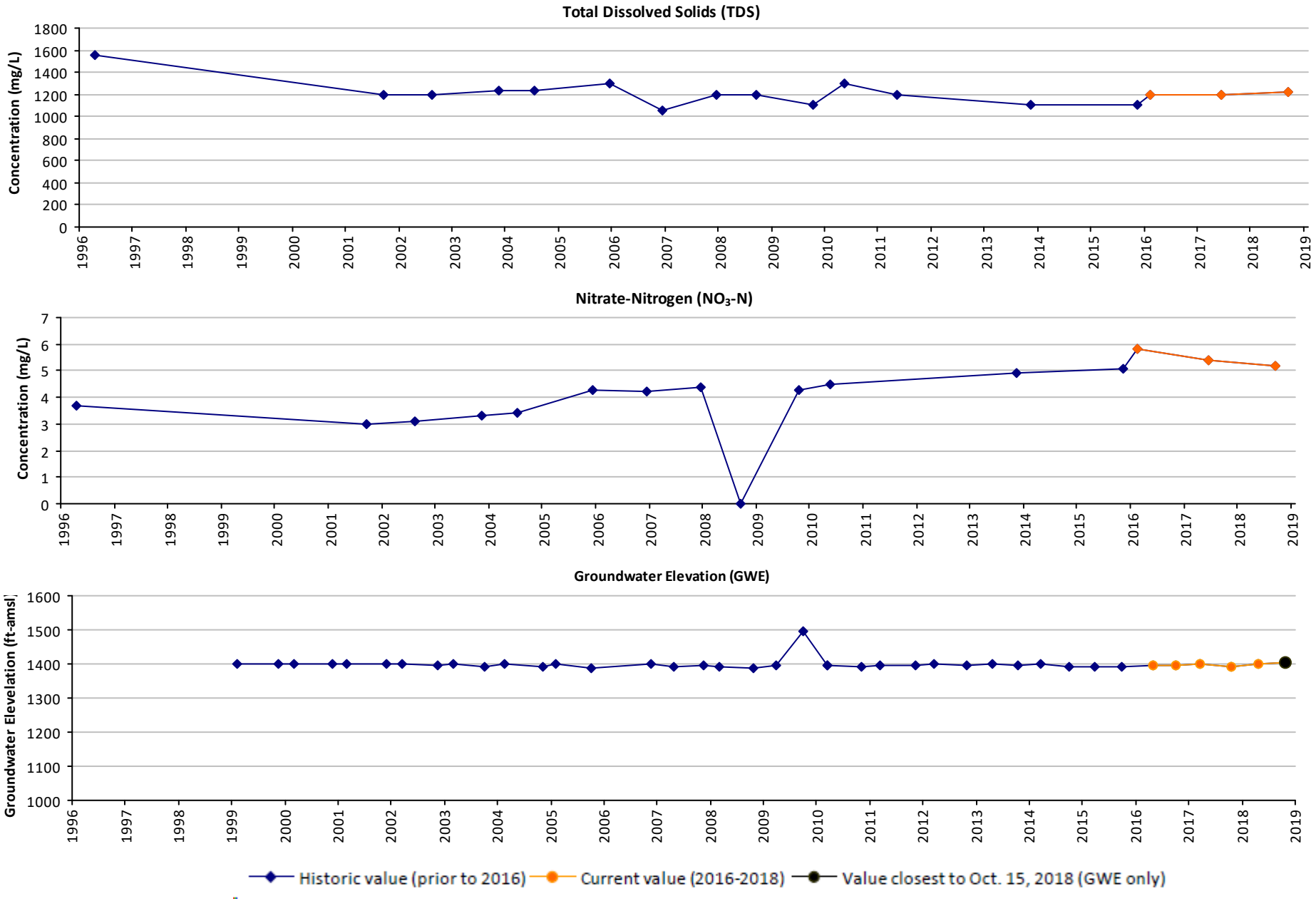

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

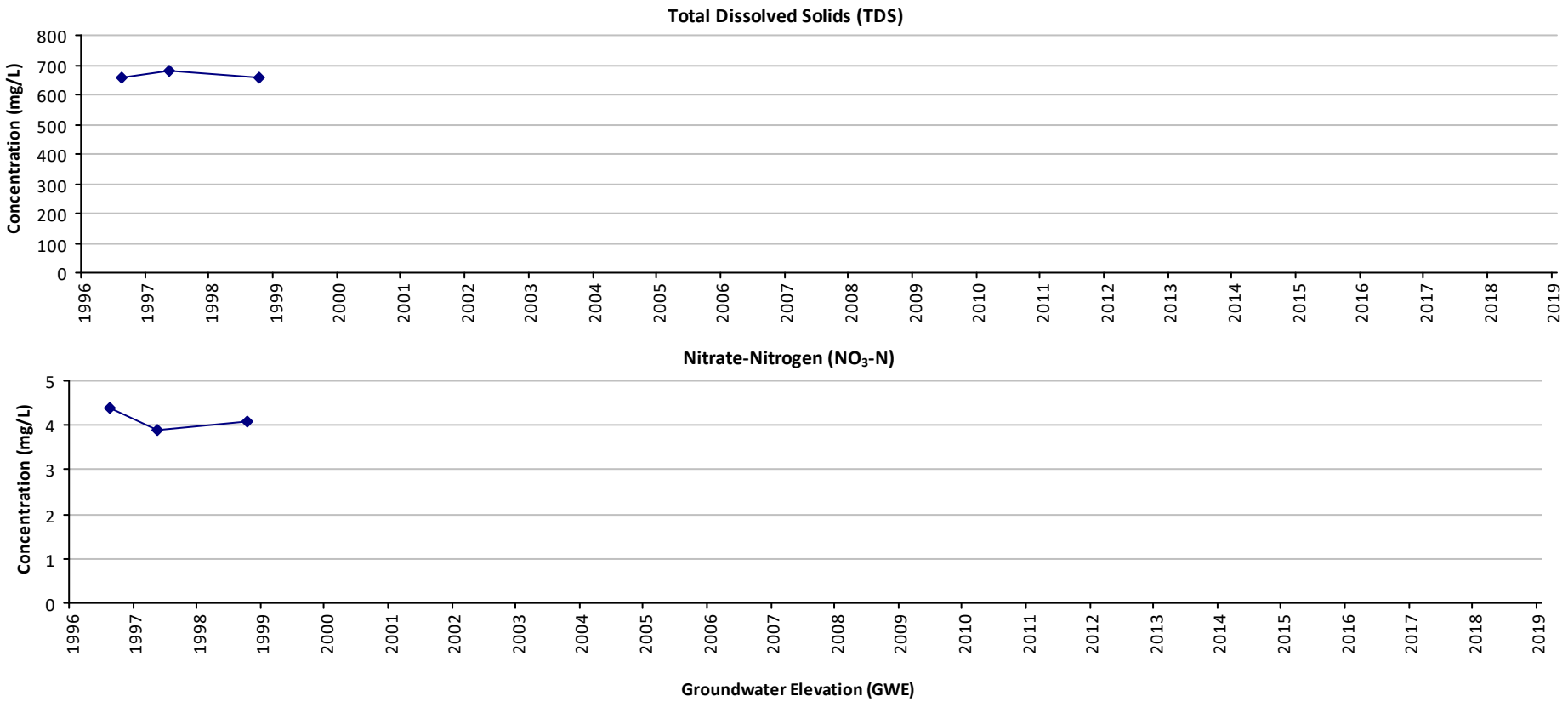

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

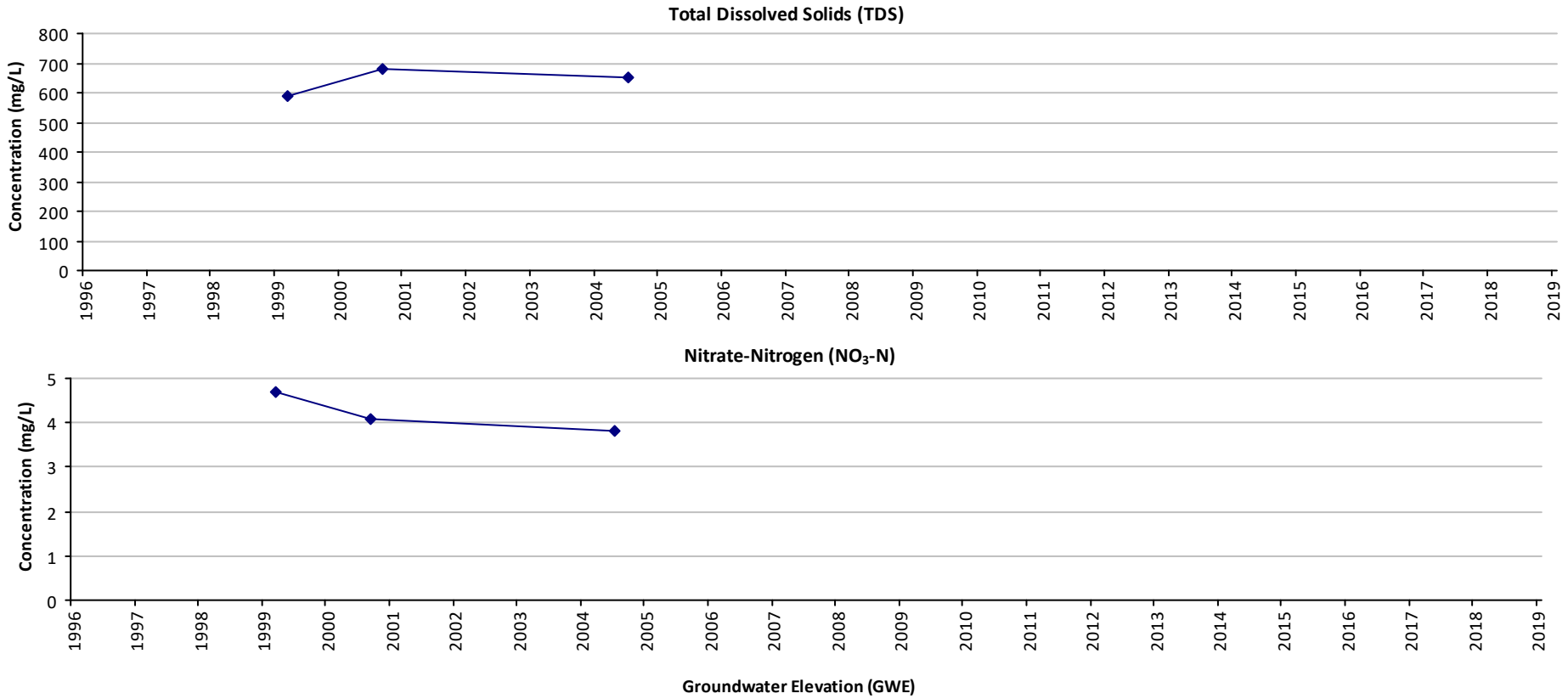

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

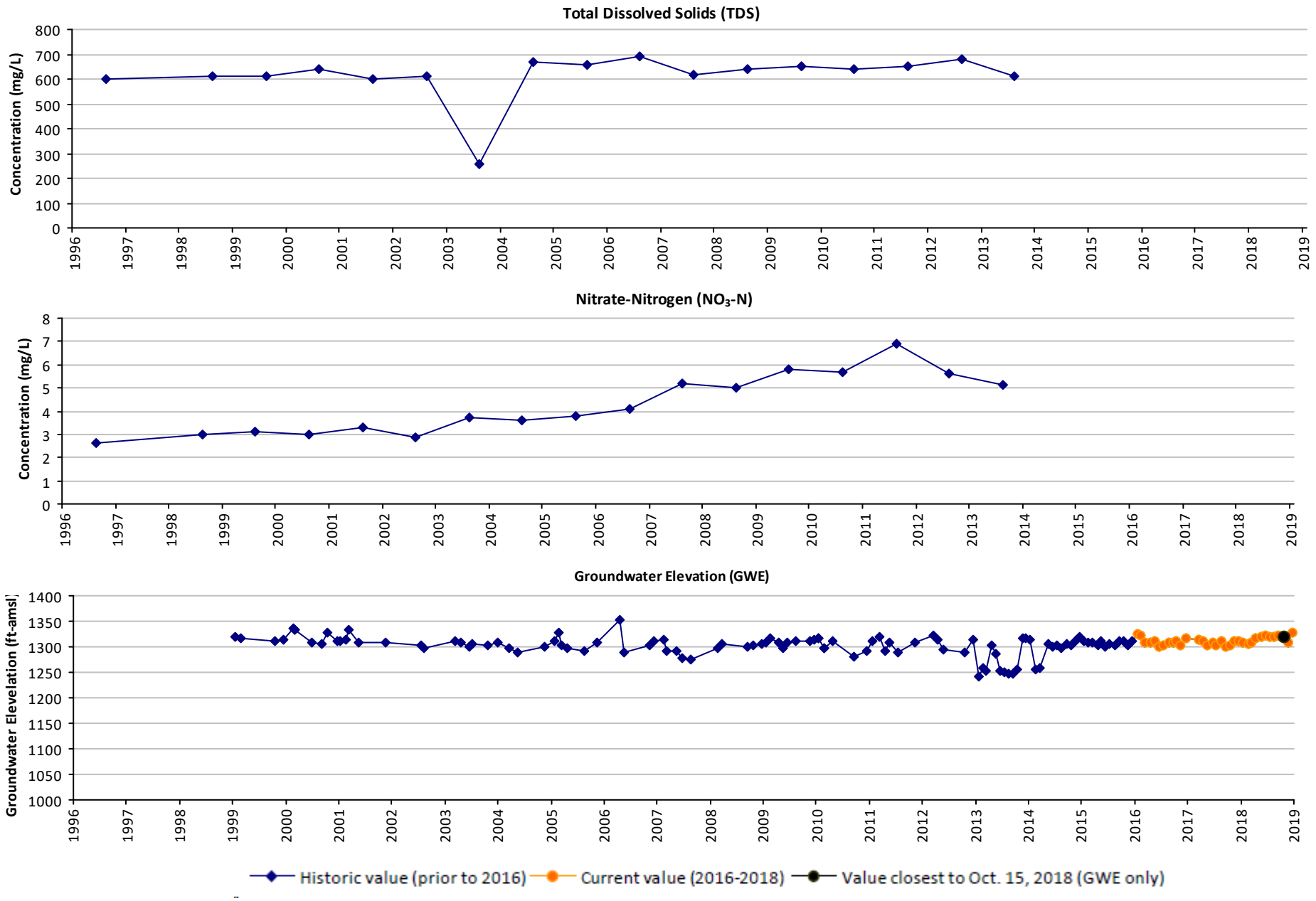

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

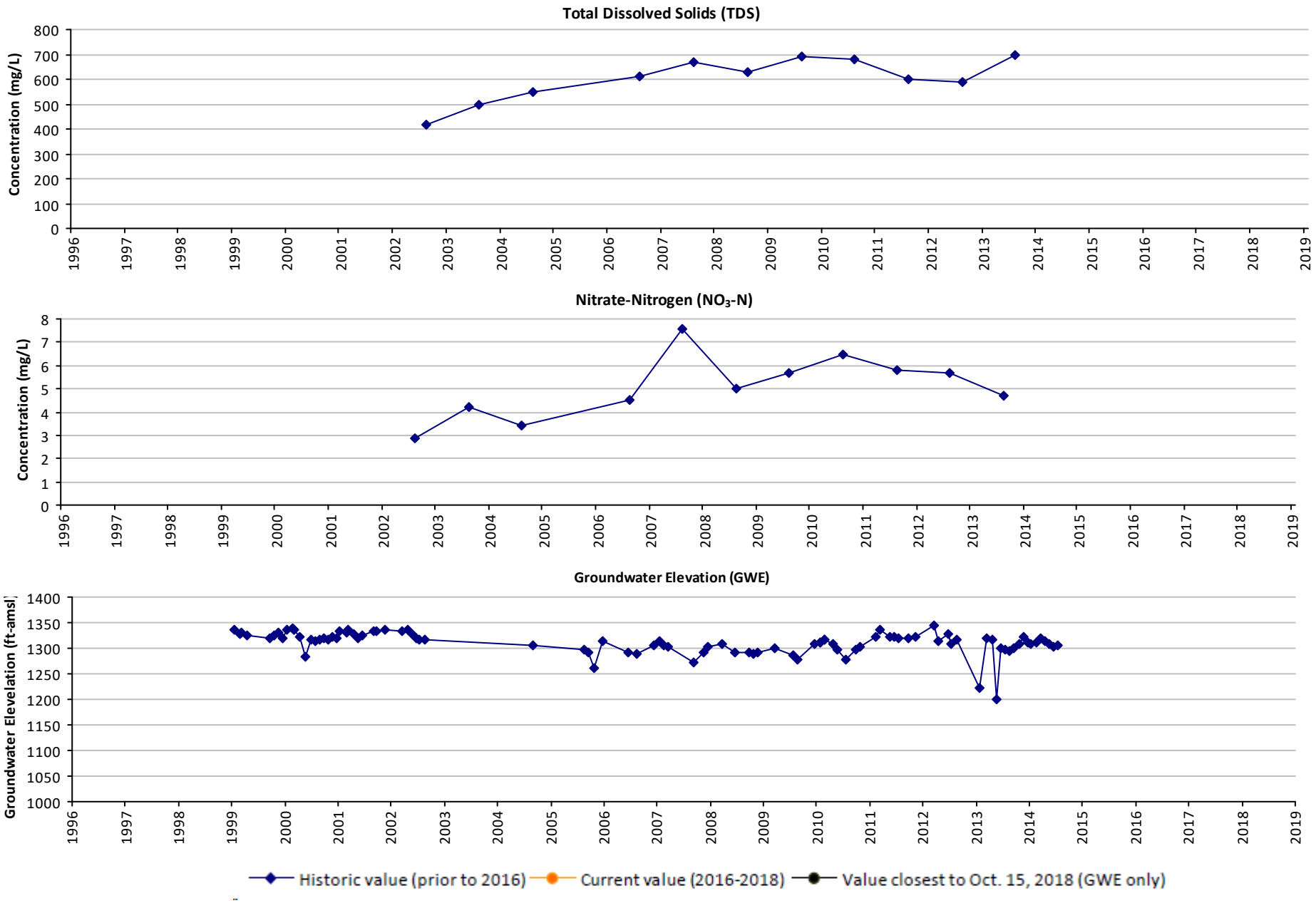

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

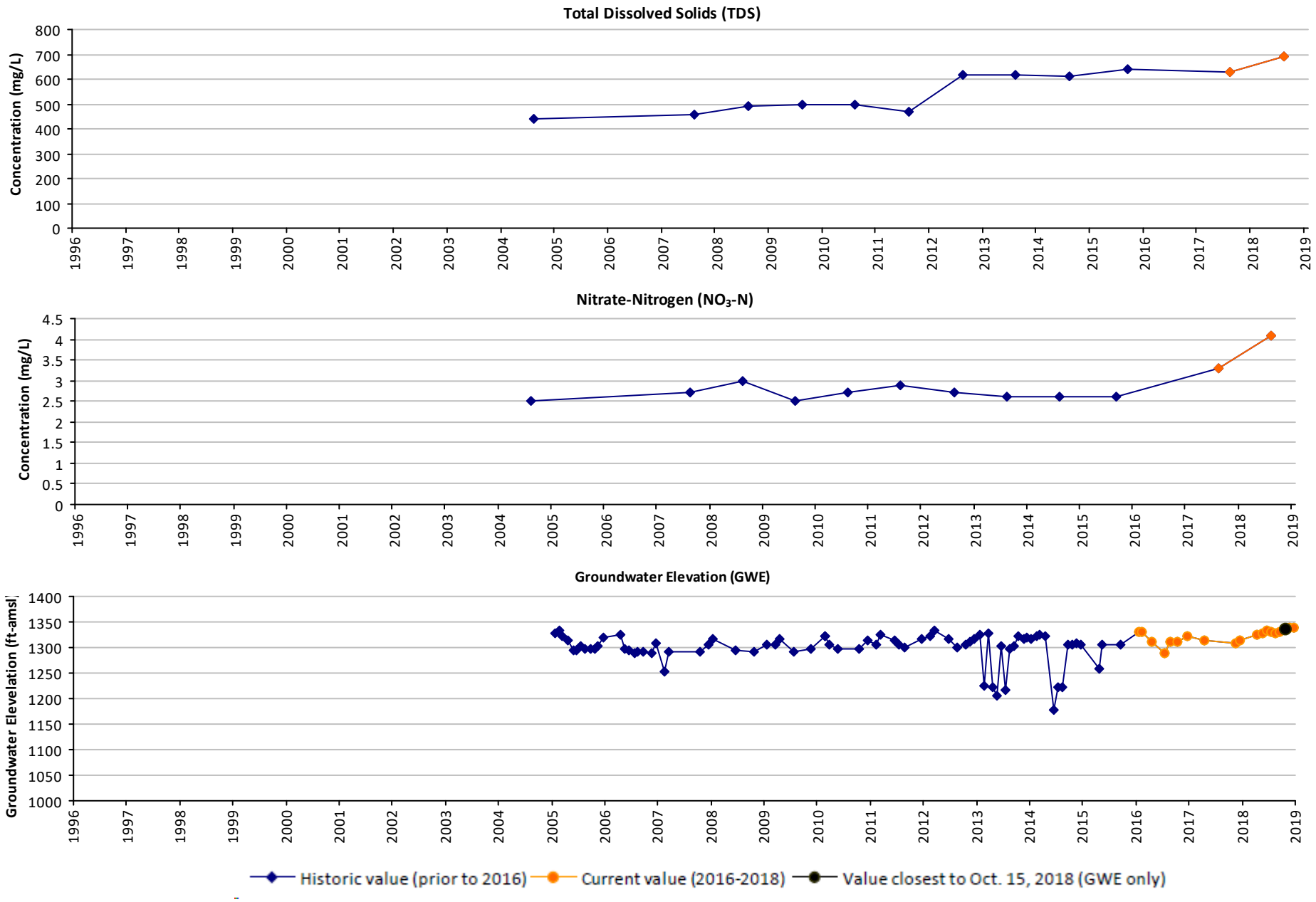

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

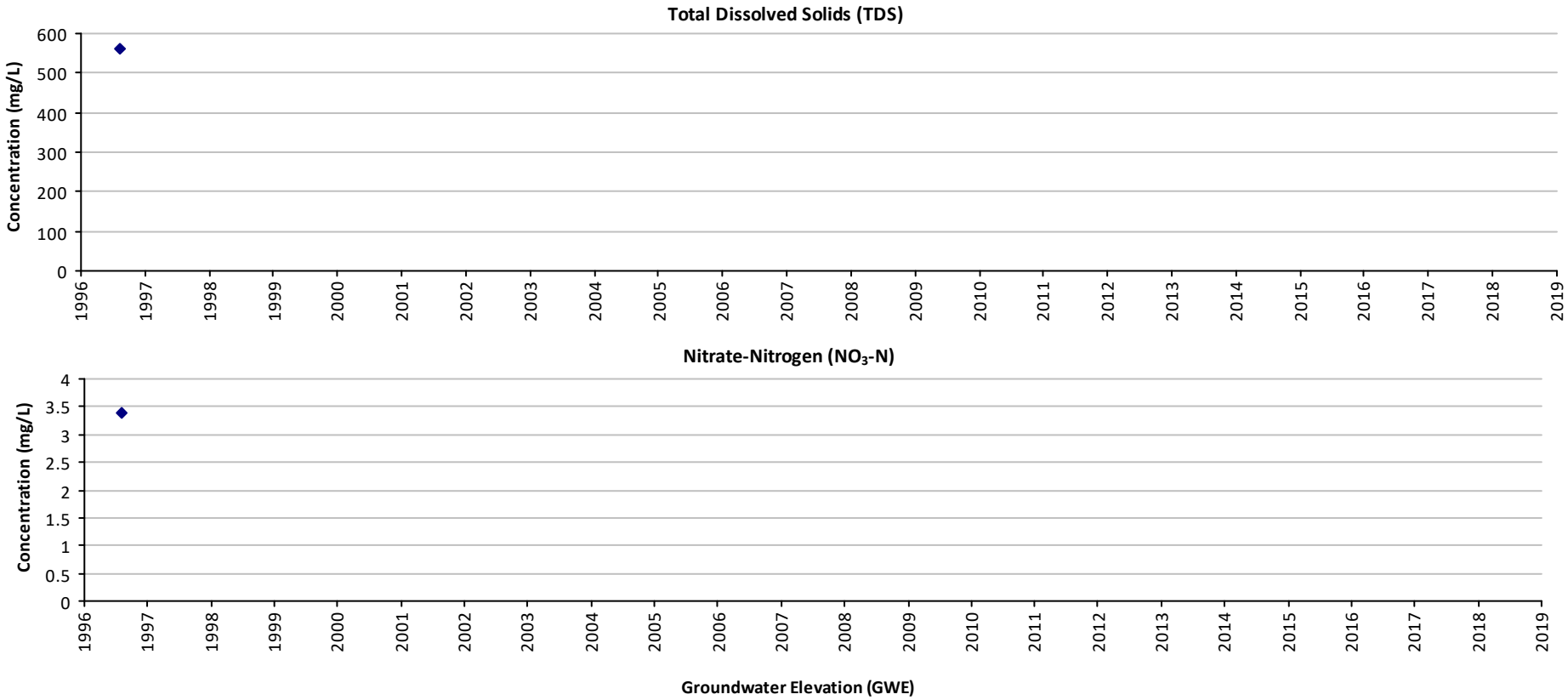

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

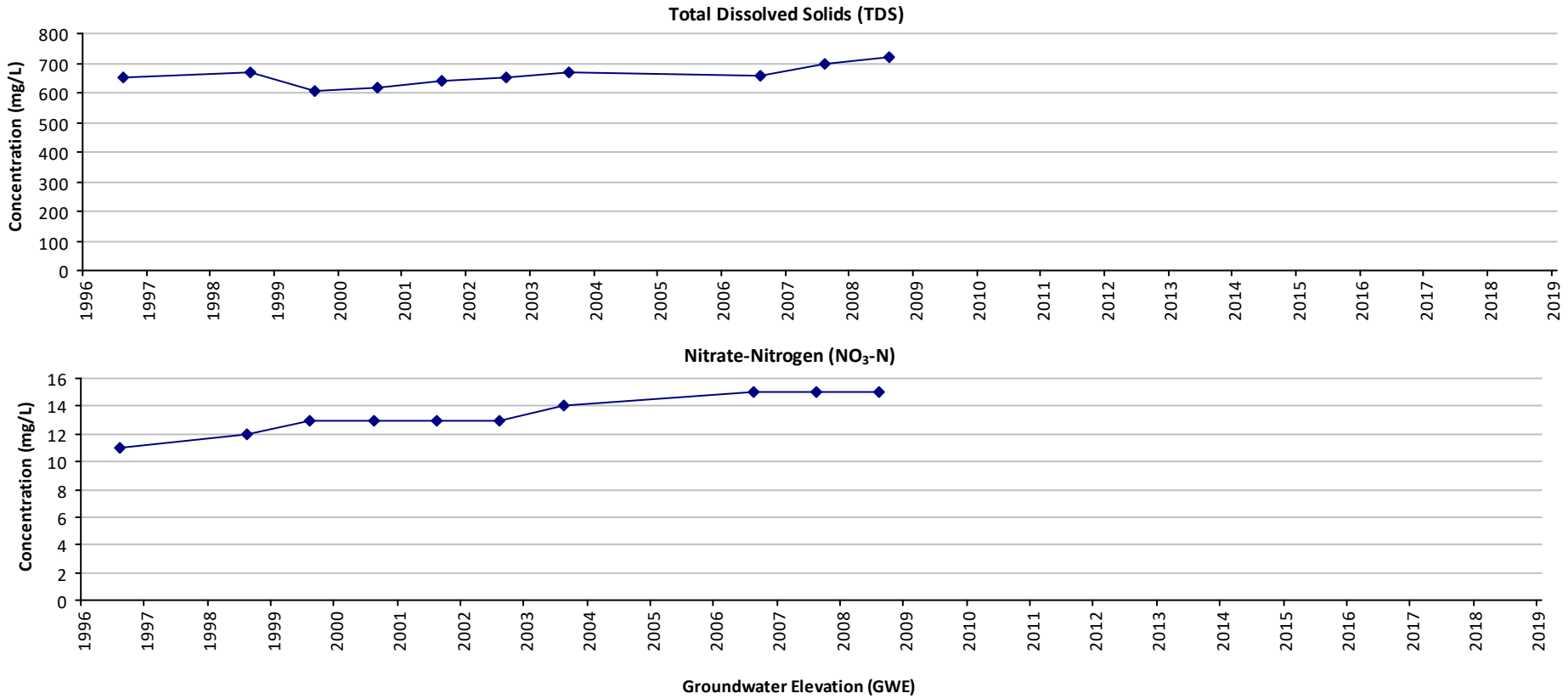

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

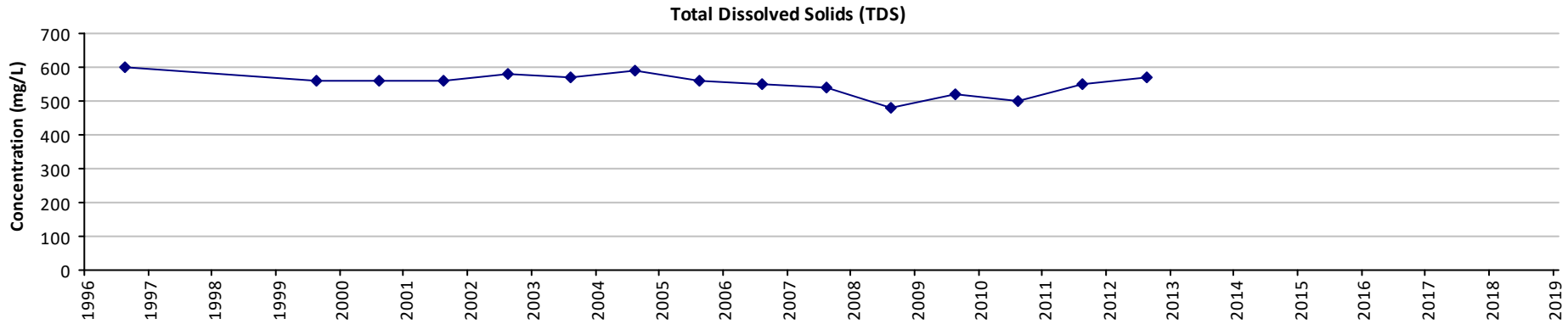

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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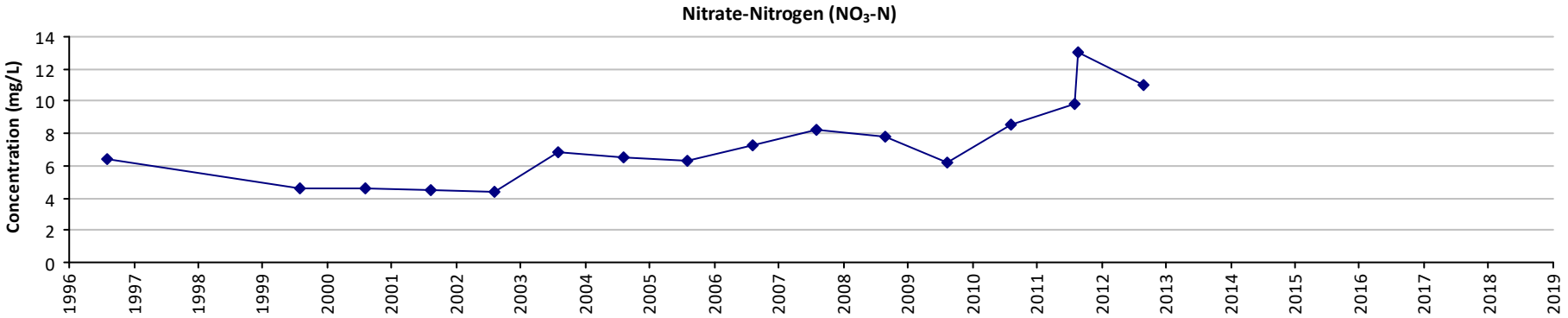
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
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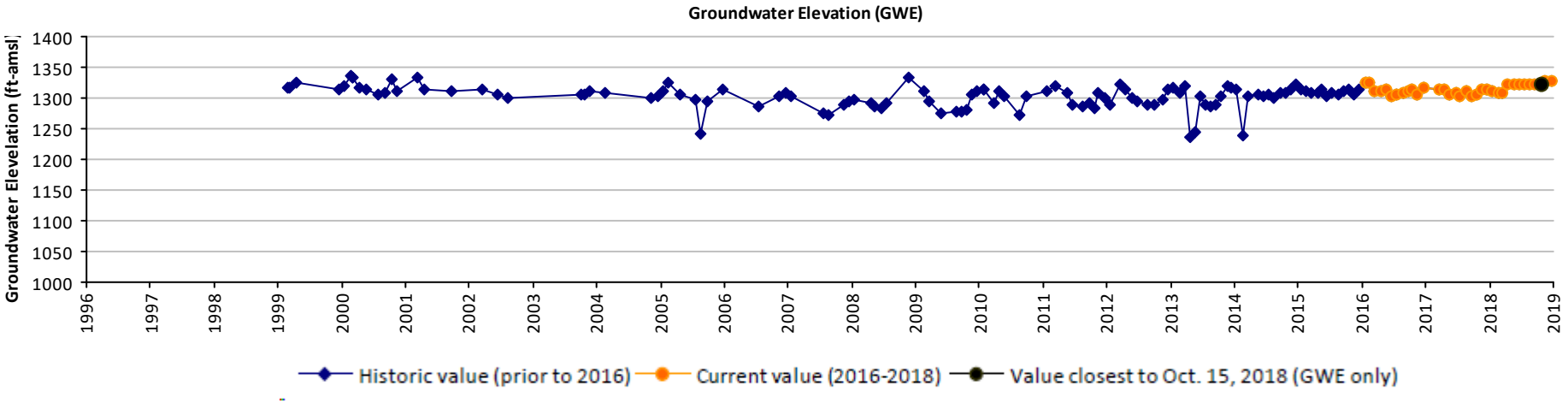
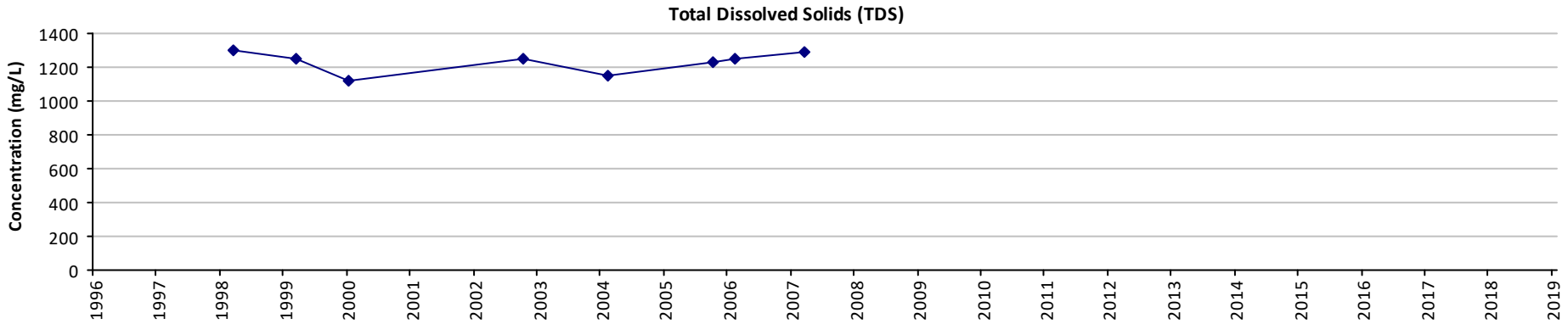
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
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2004
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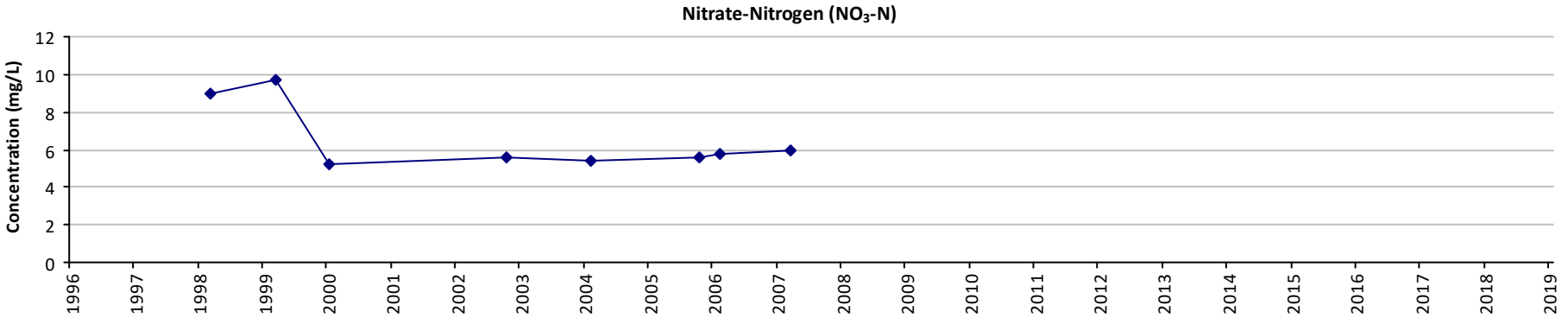
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
2009
2010
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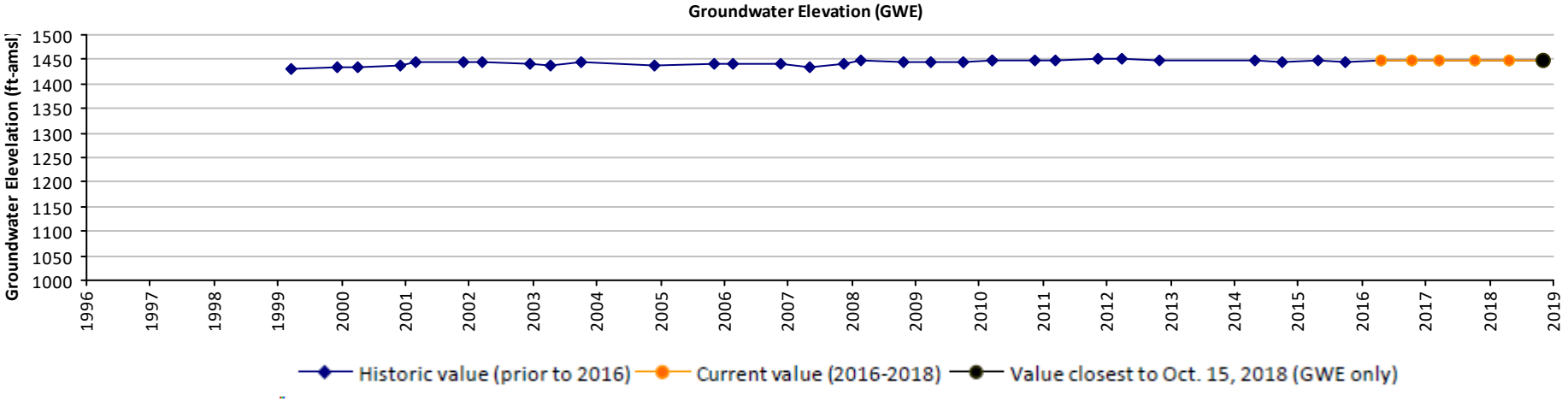
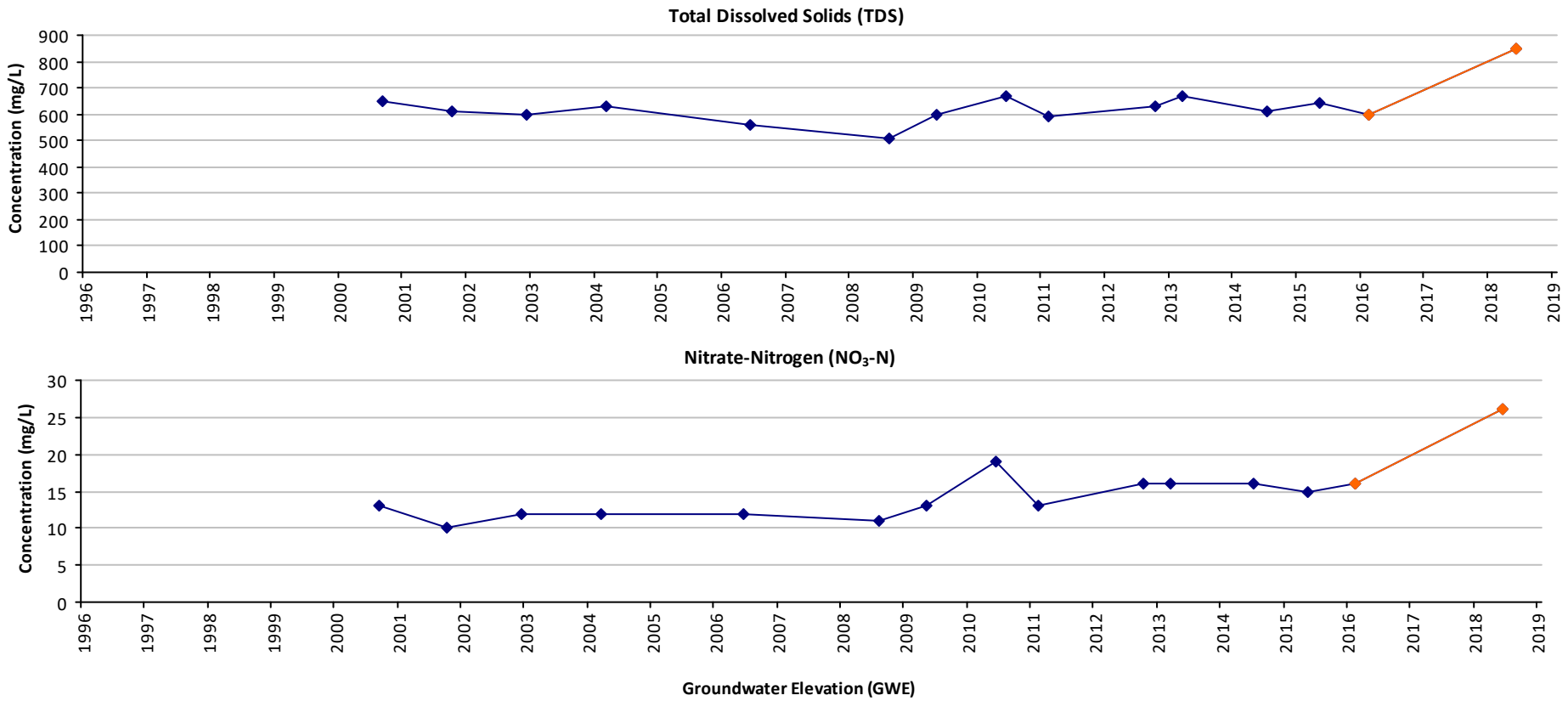
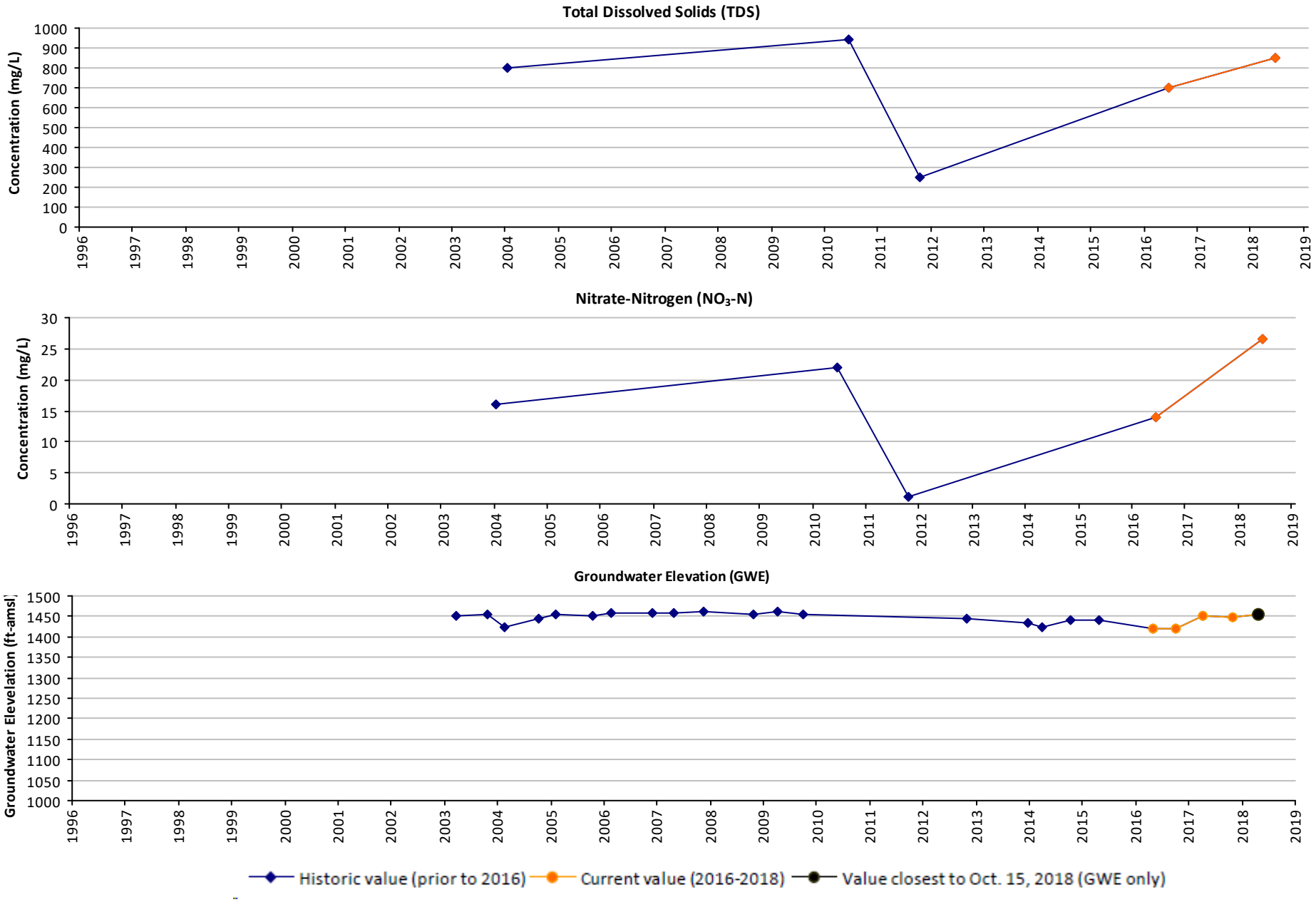
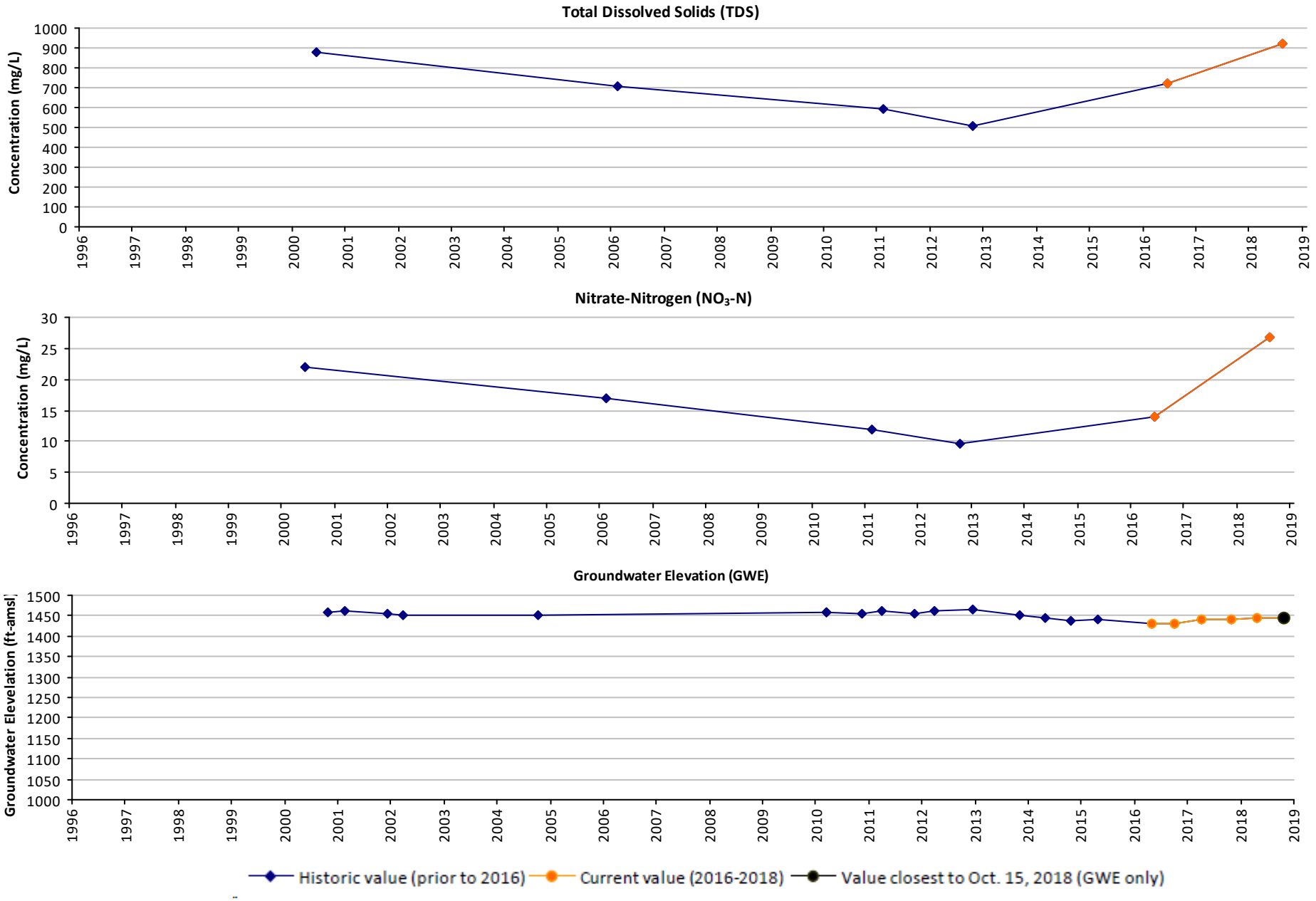
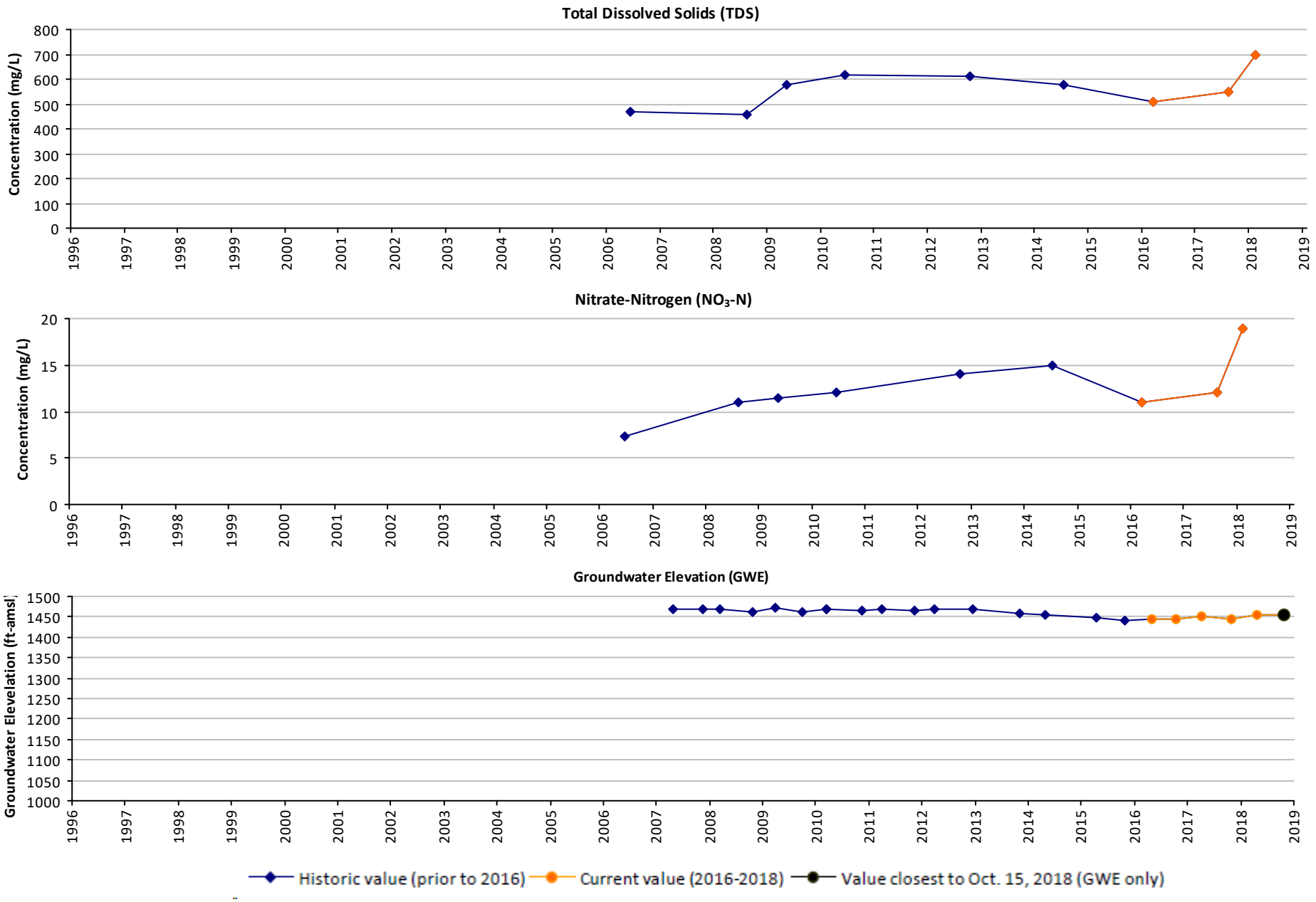
2015
2016
2017
2018
2019

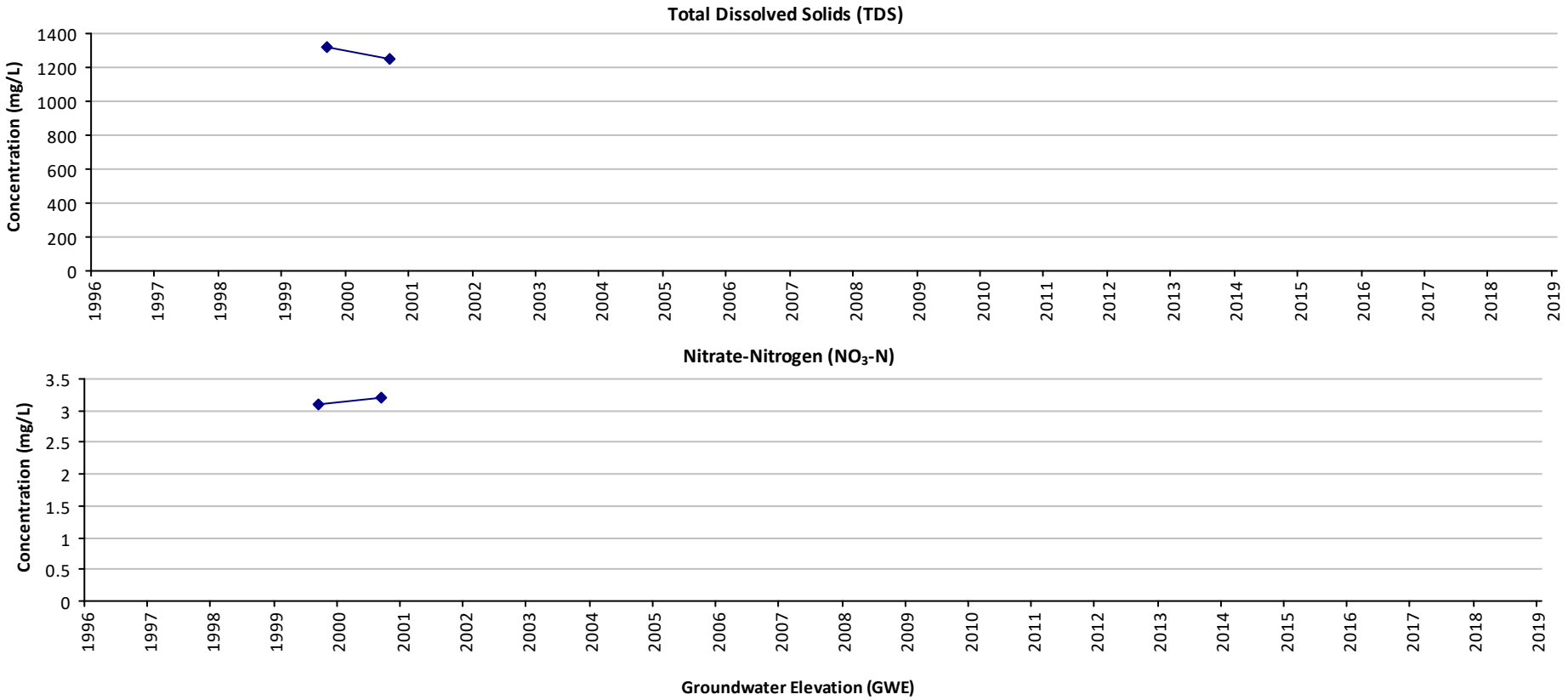

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

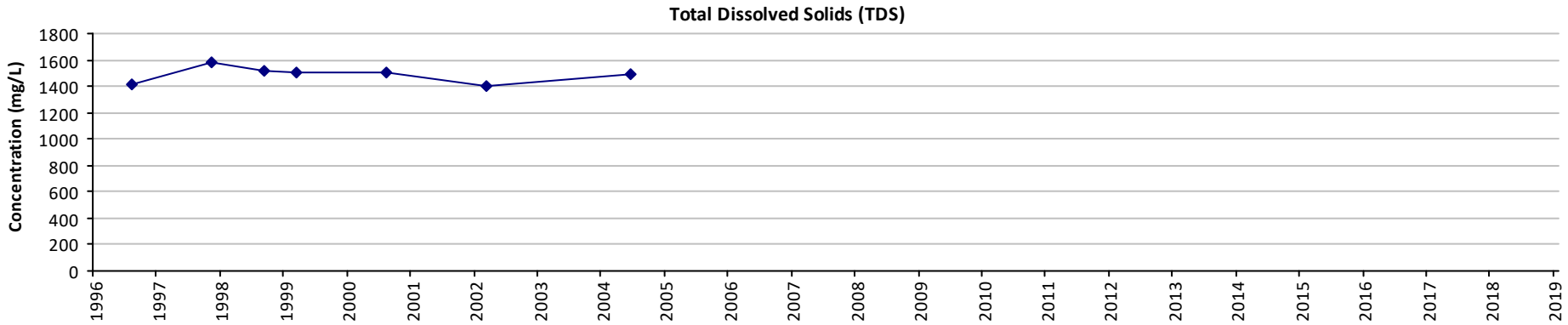

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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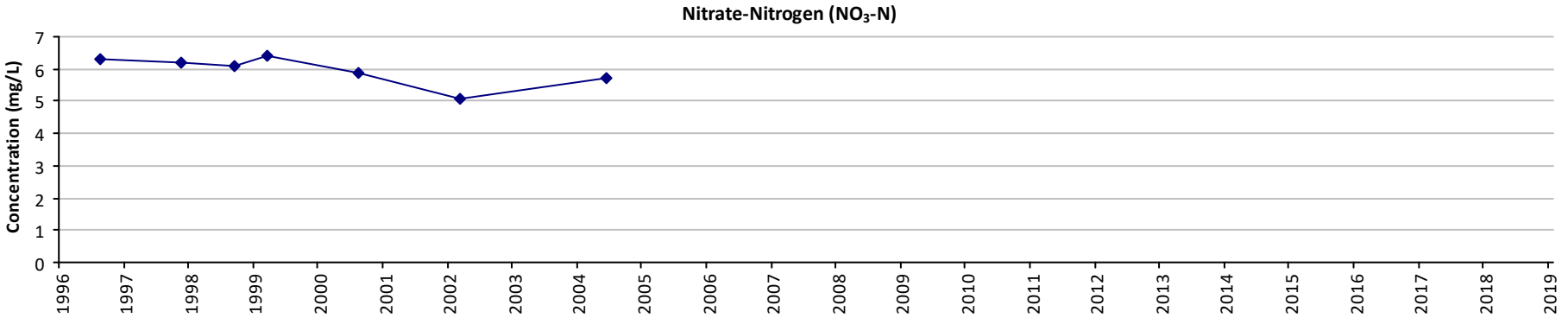
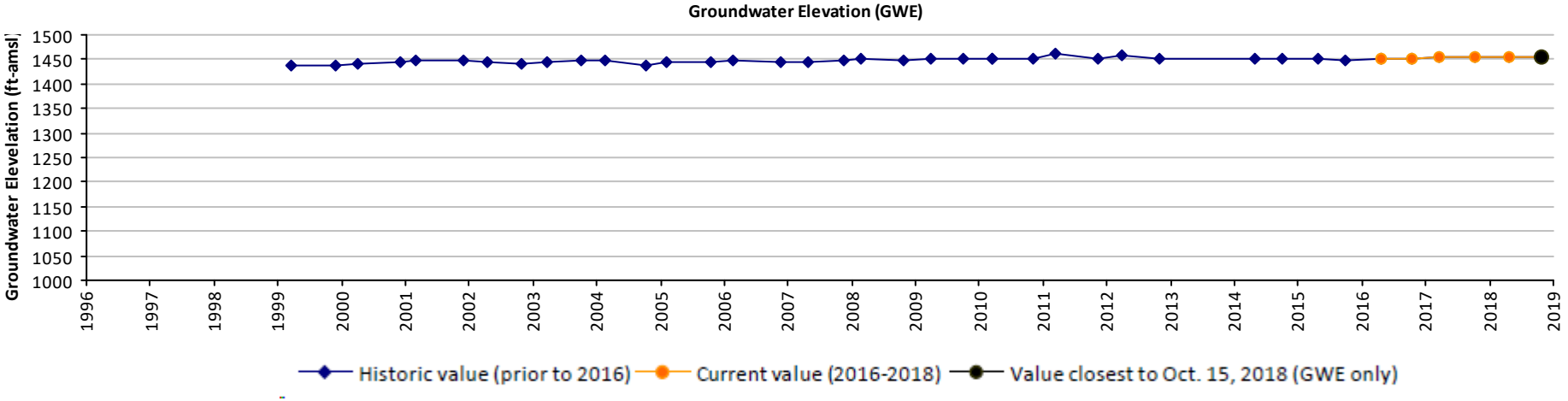
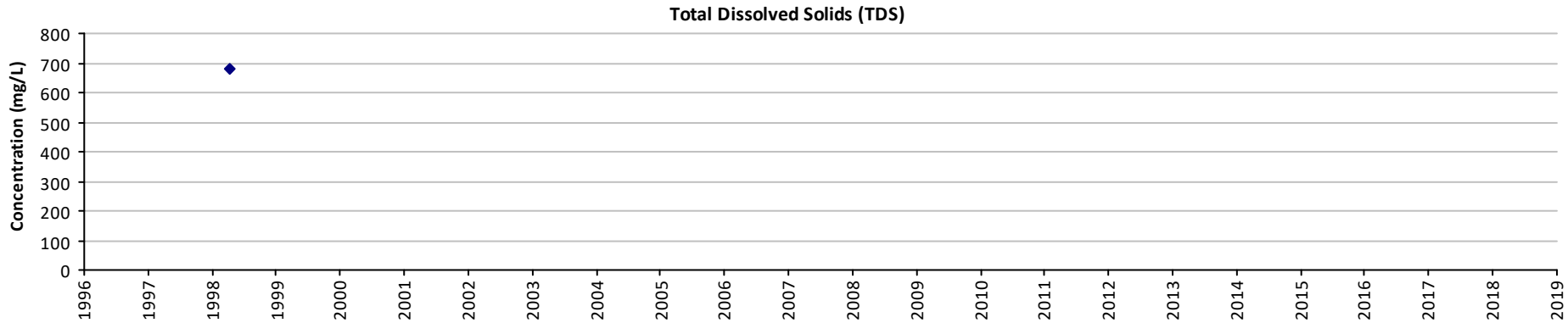
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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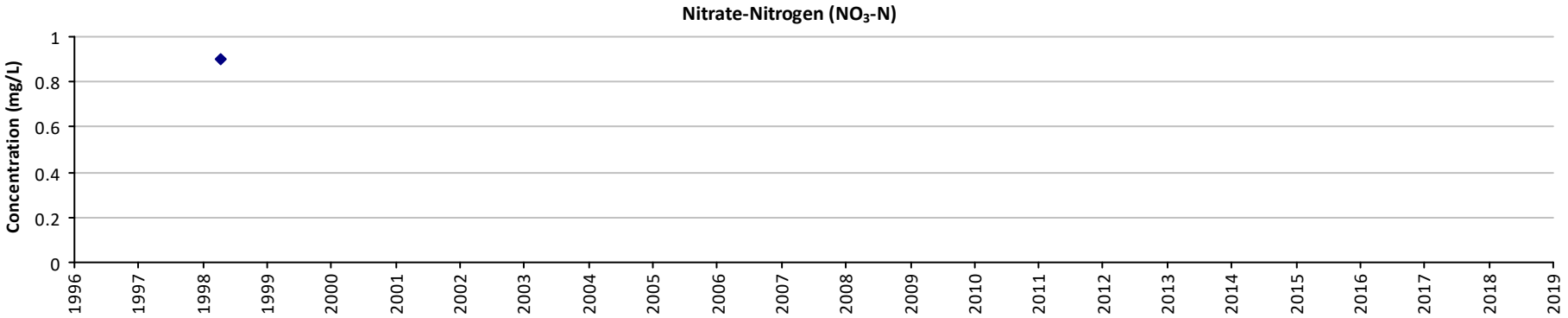
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
2008
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2012
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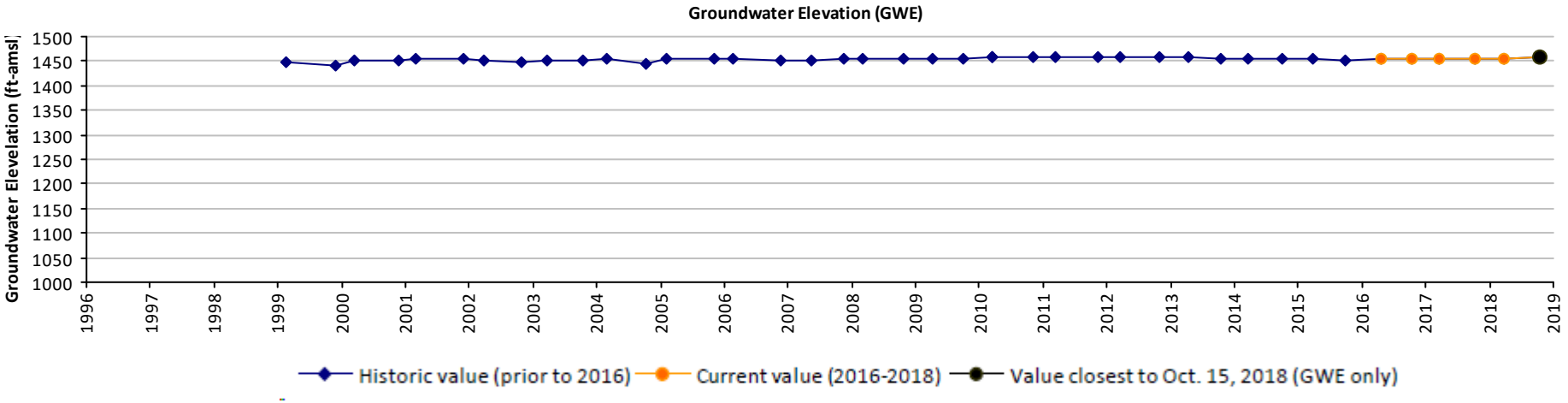
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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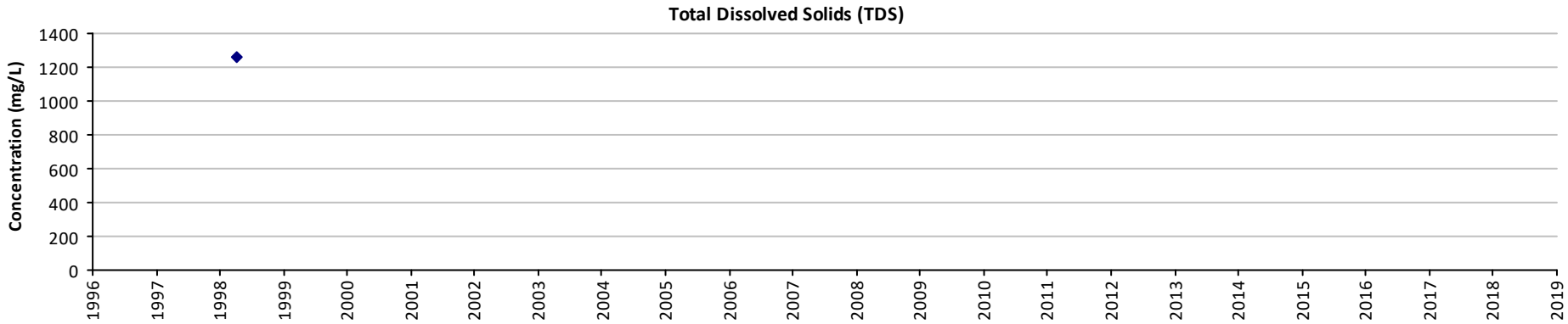
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
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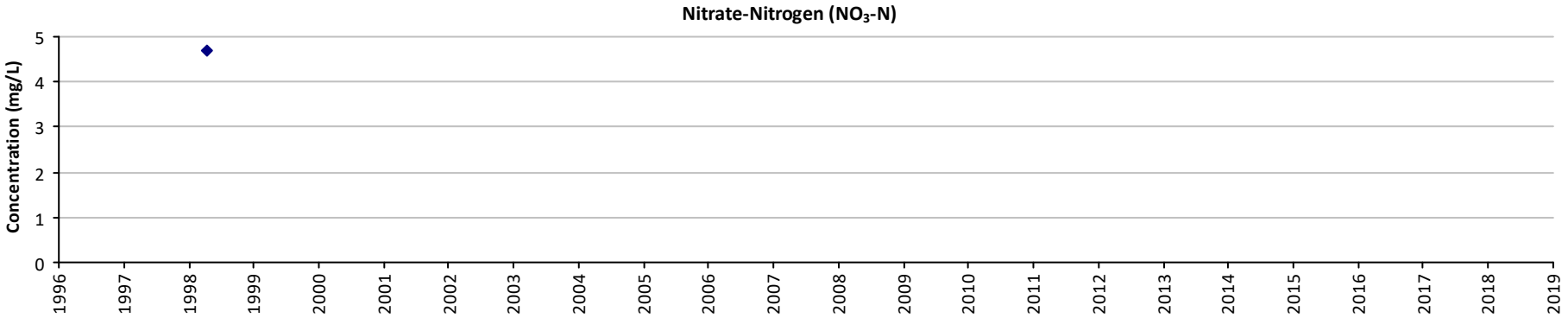
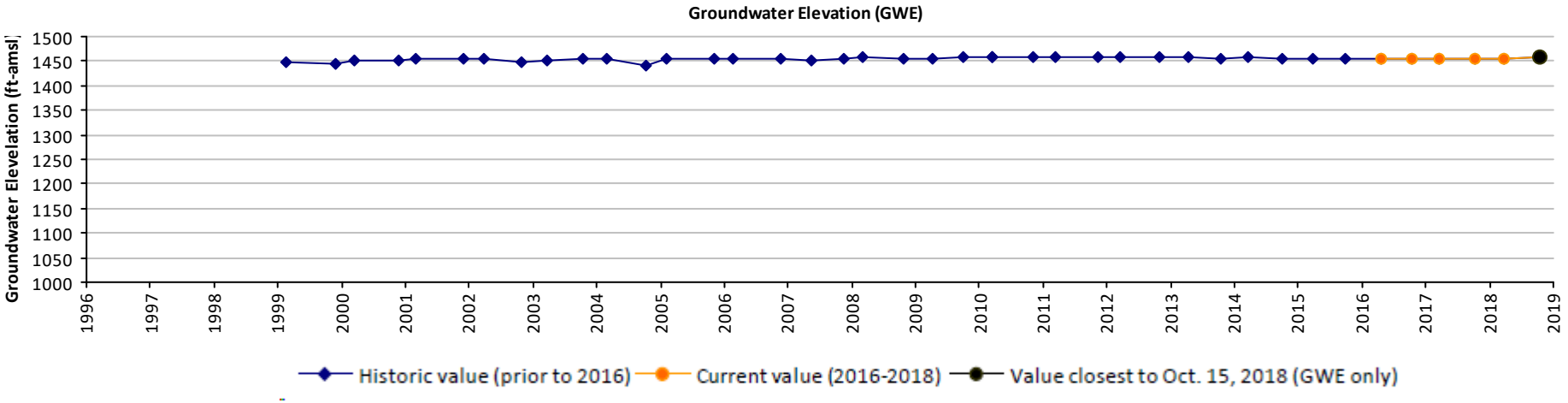
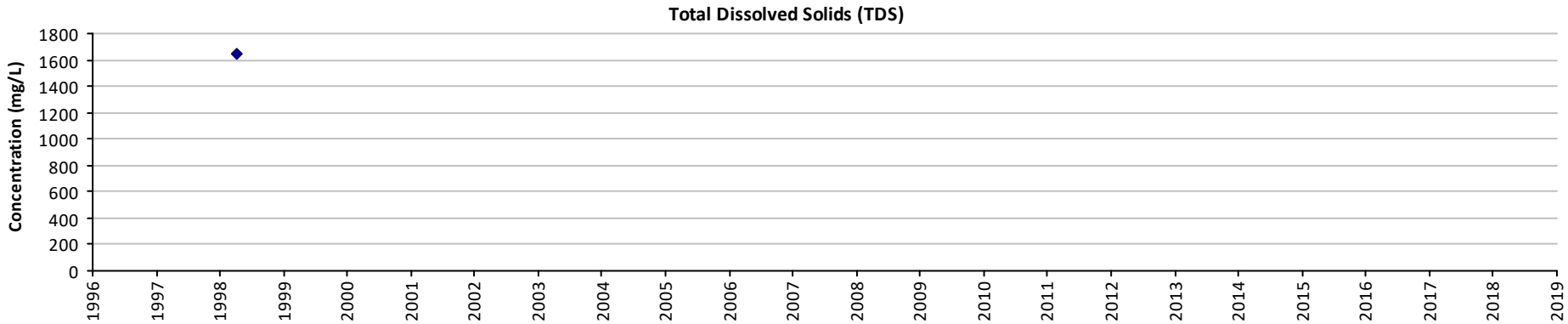
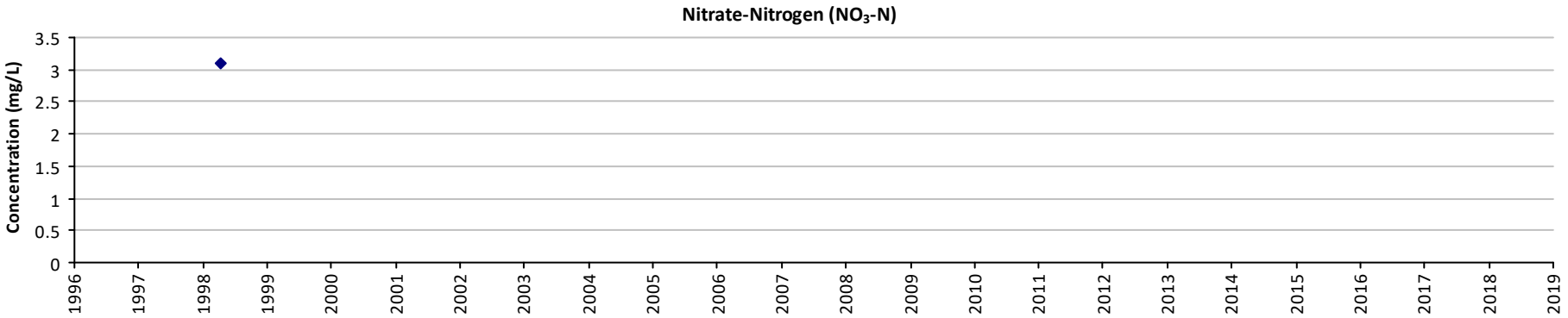
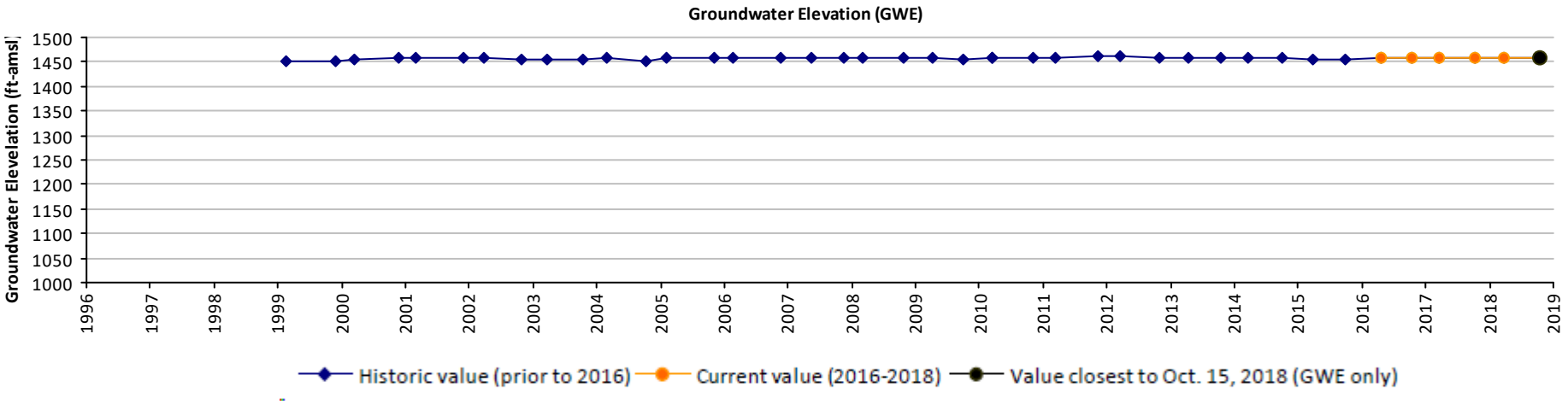
2014
2015
2016
2017
2018
2019

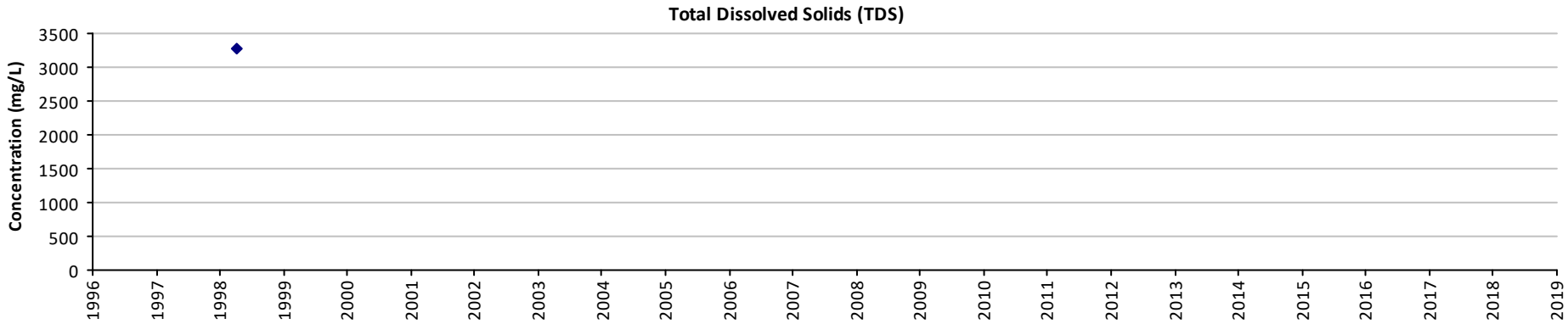

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

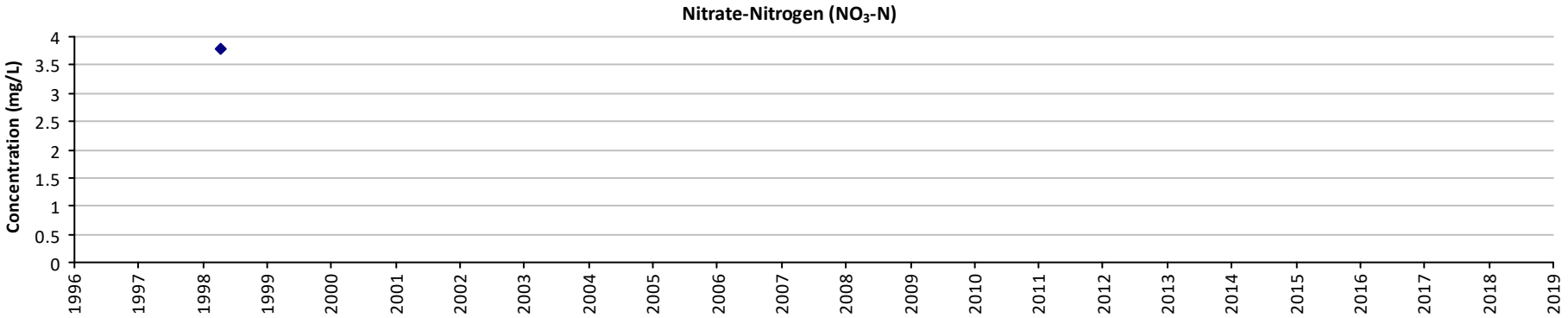

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

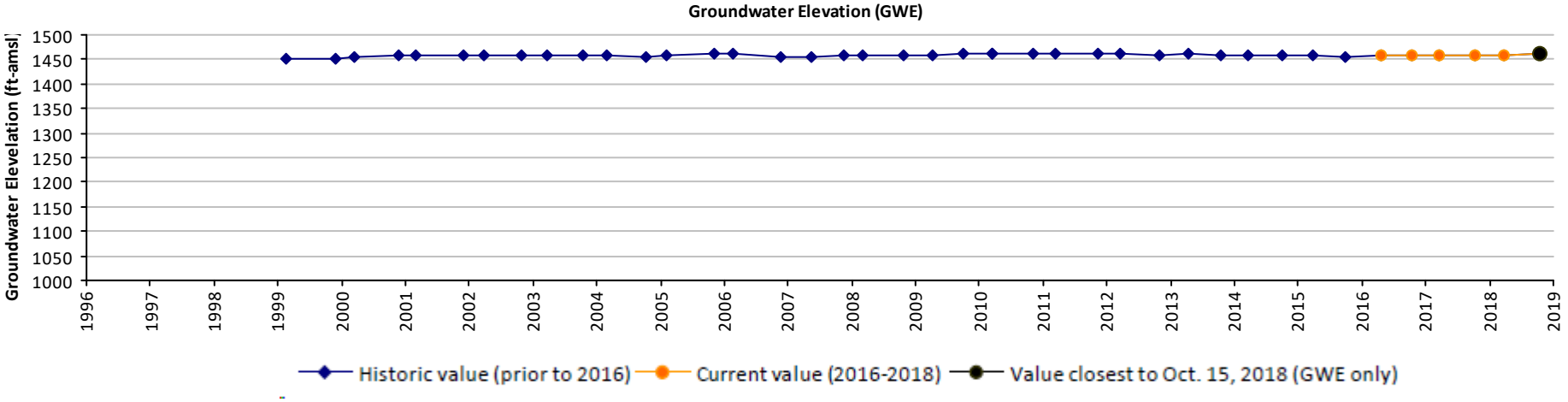

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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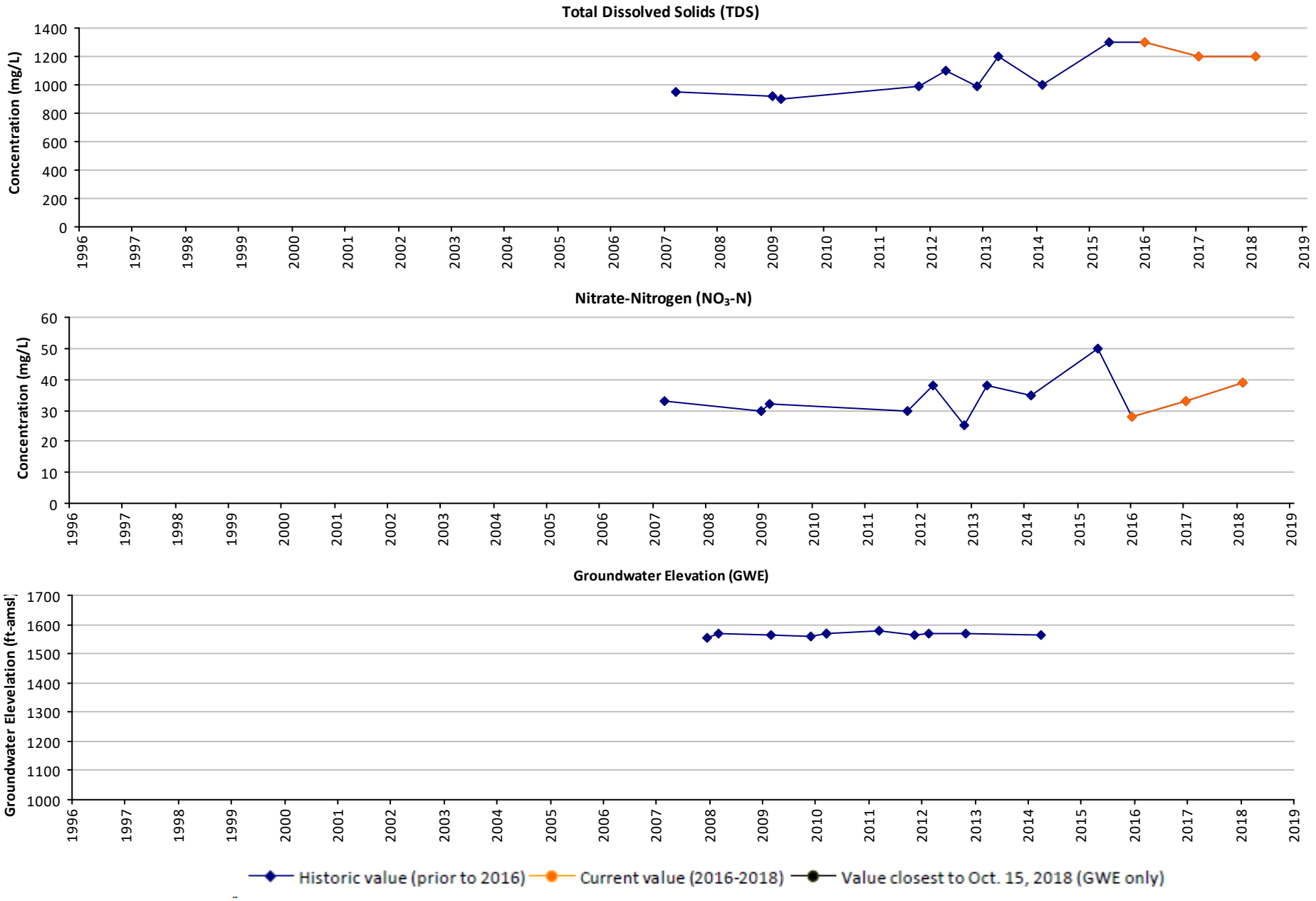
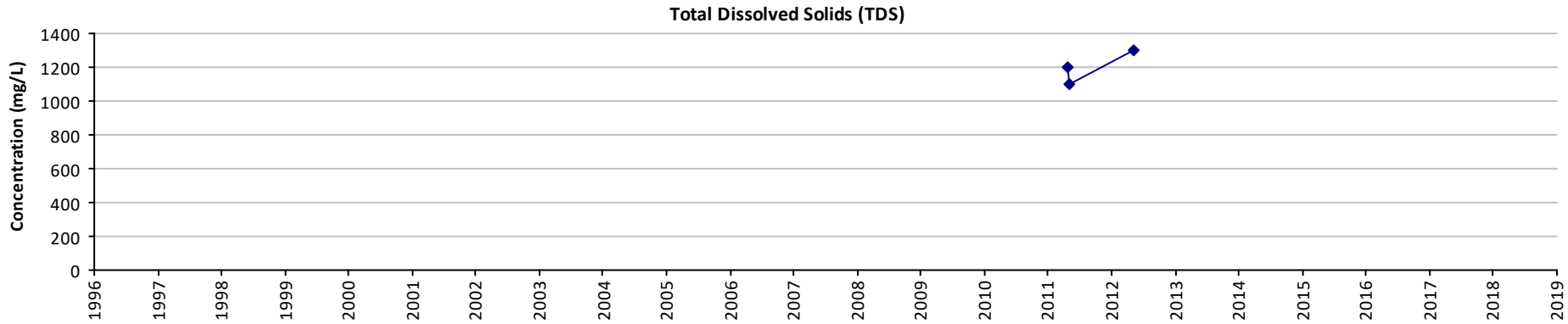
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
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2004
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2008
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2011
2012
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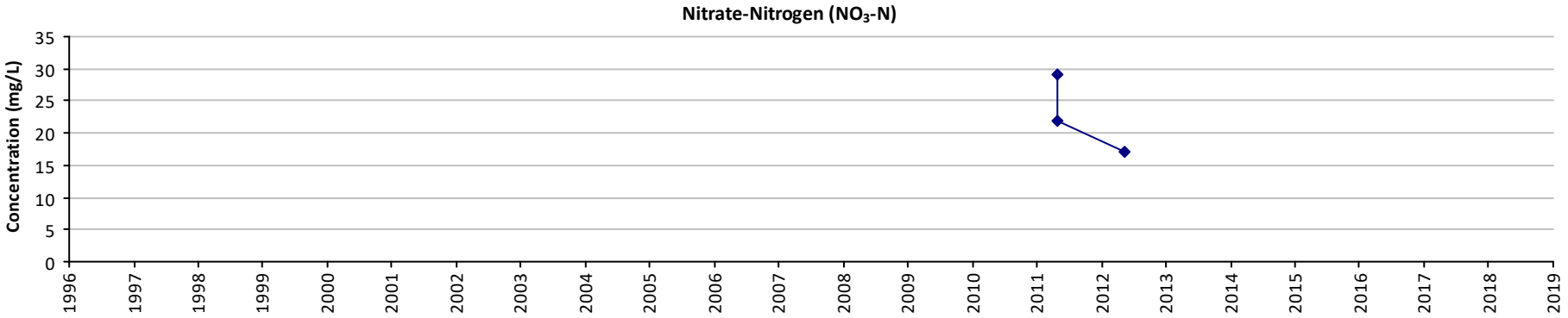
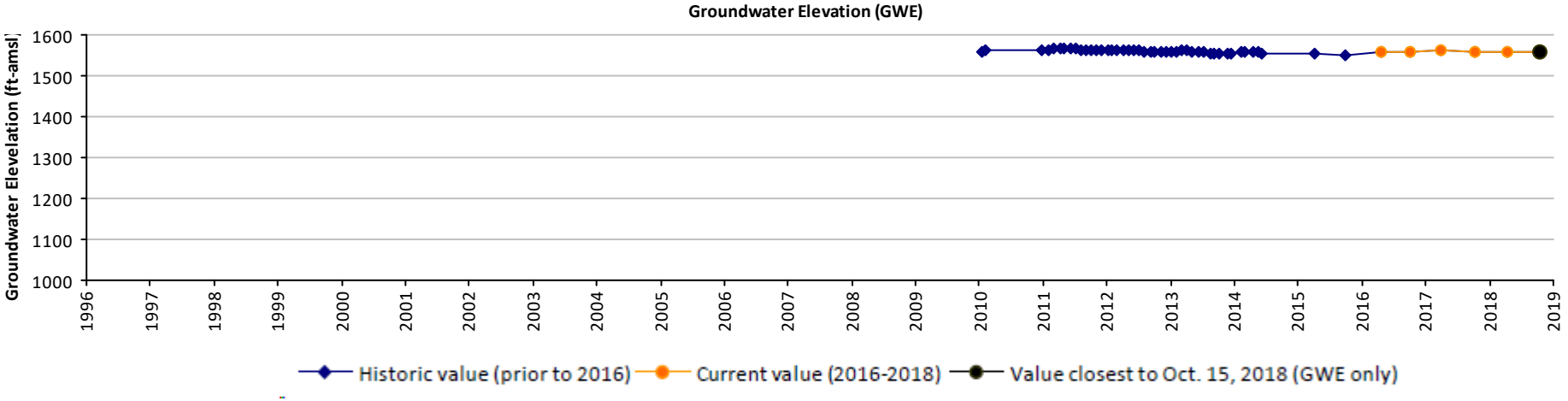
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1996
1997
1998
1999
2000
2001
2002
2003
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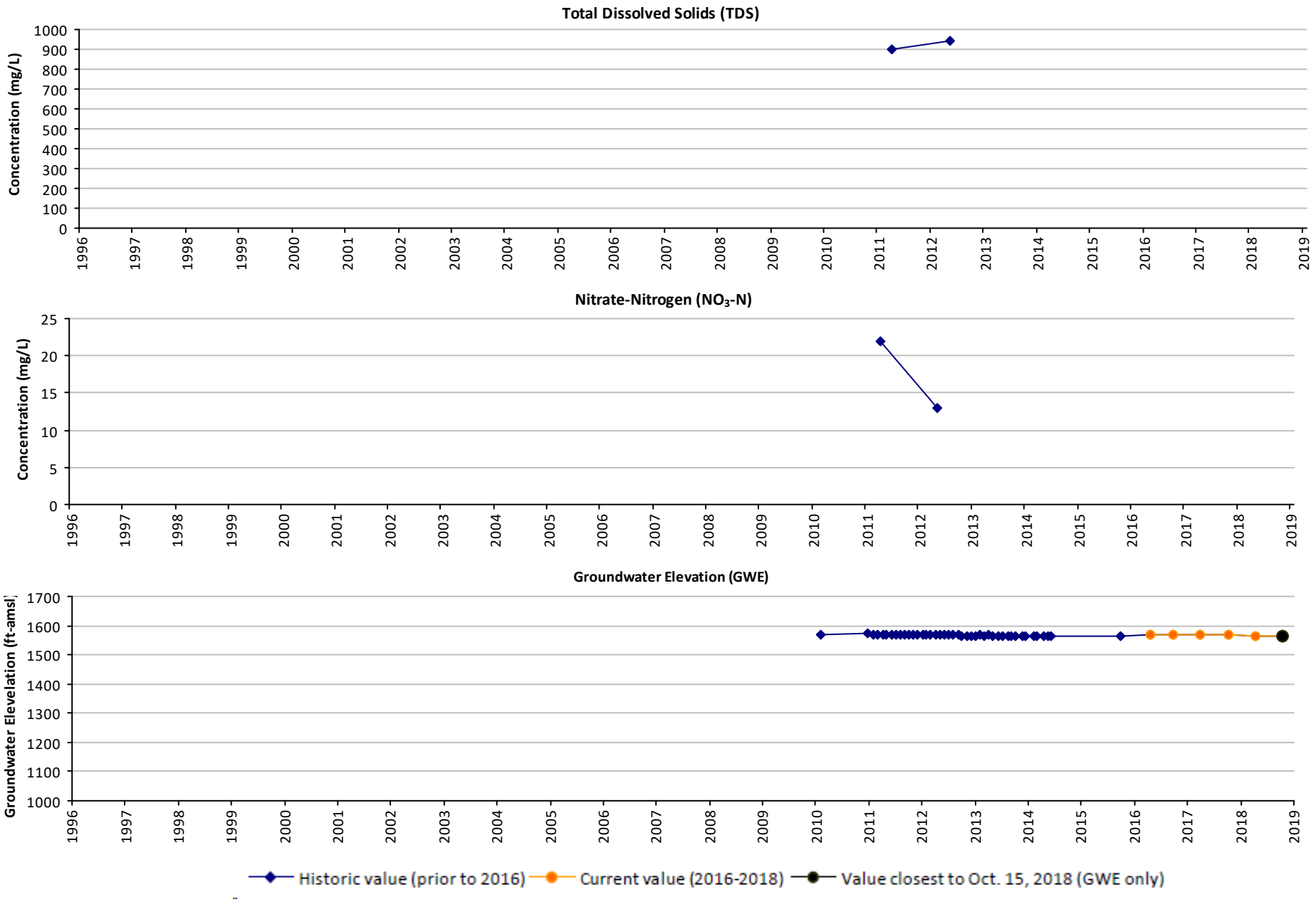
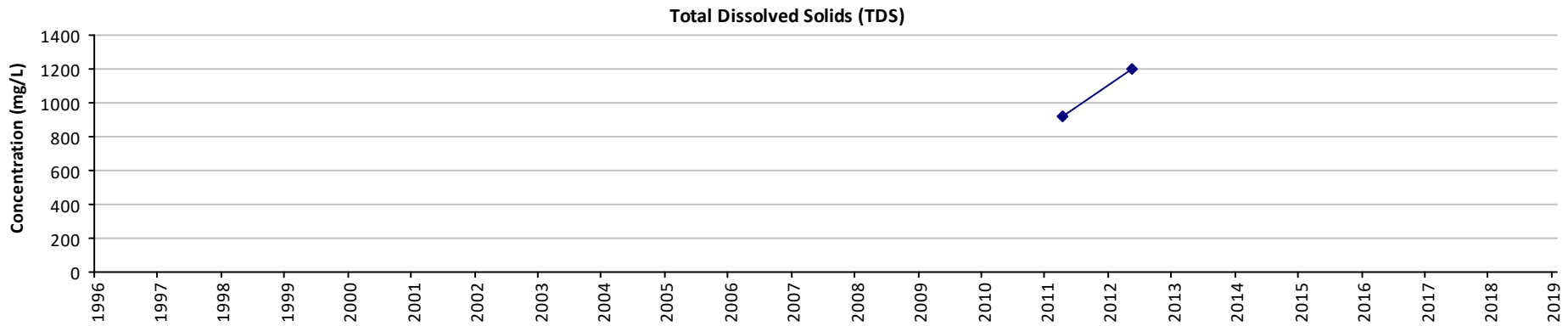
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1600
1500
1400
1300
1200
1100
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
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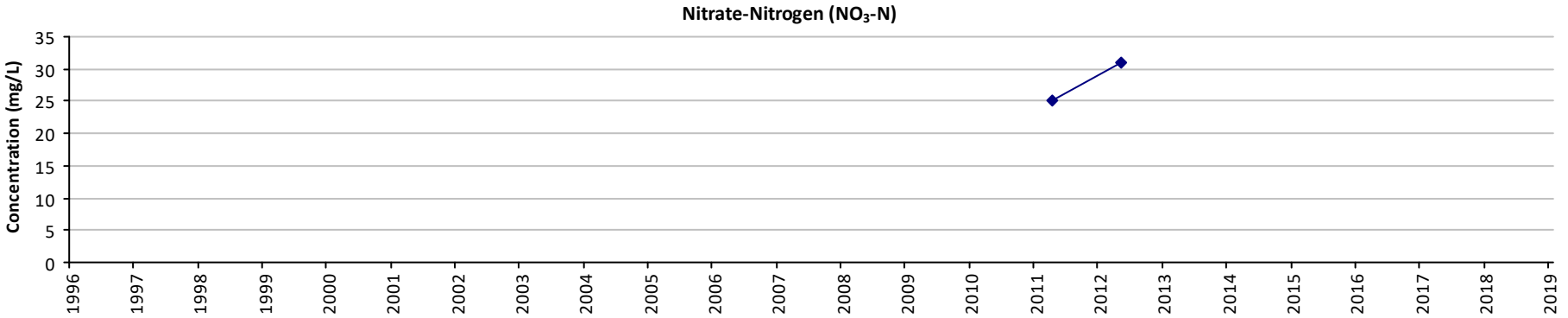
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
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2004
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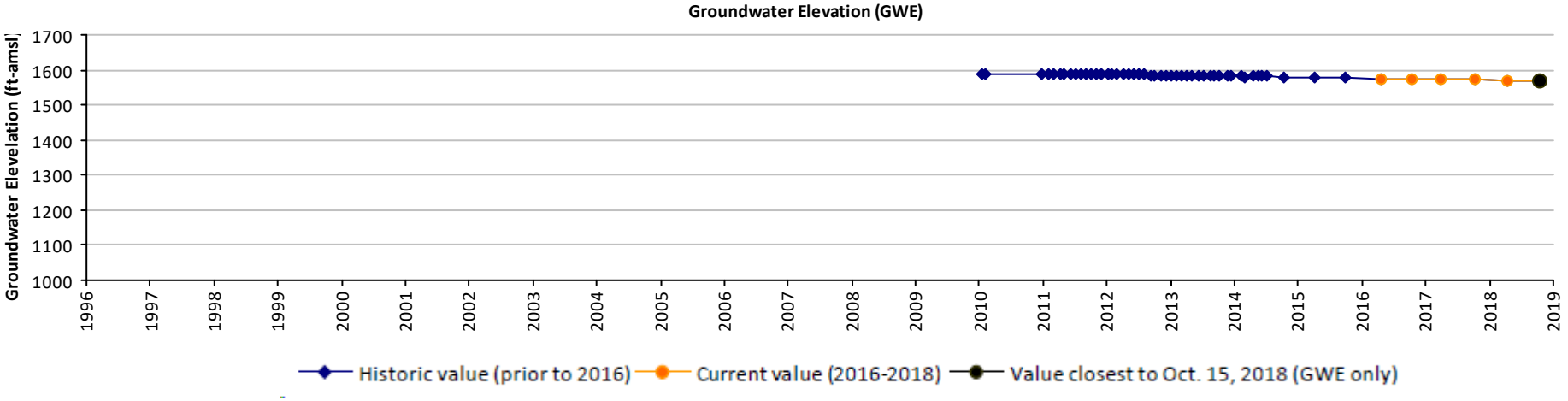
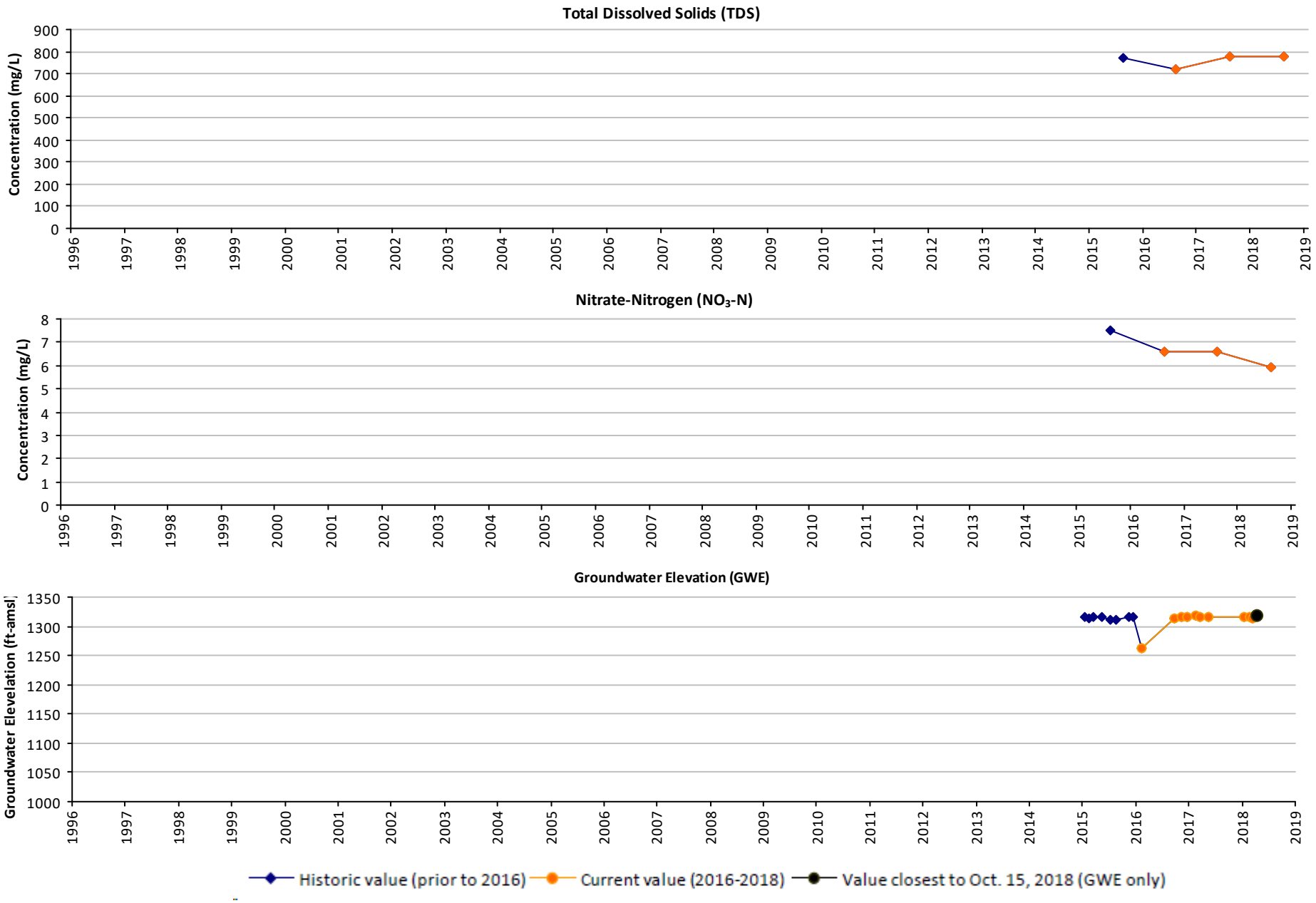
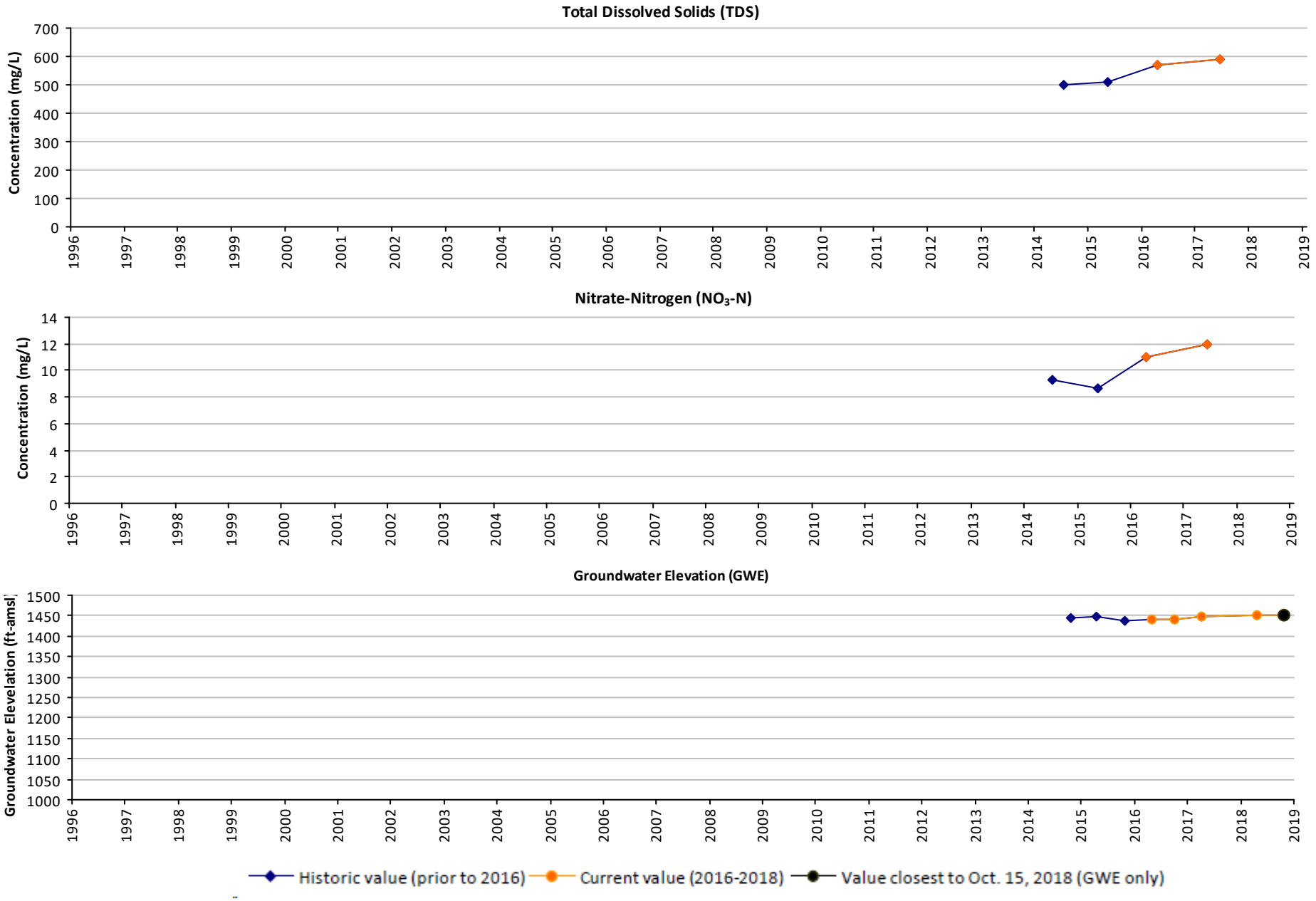
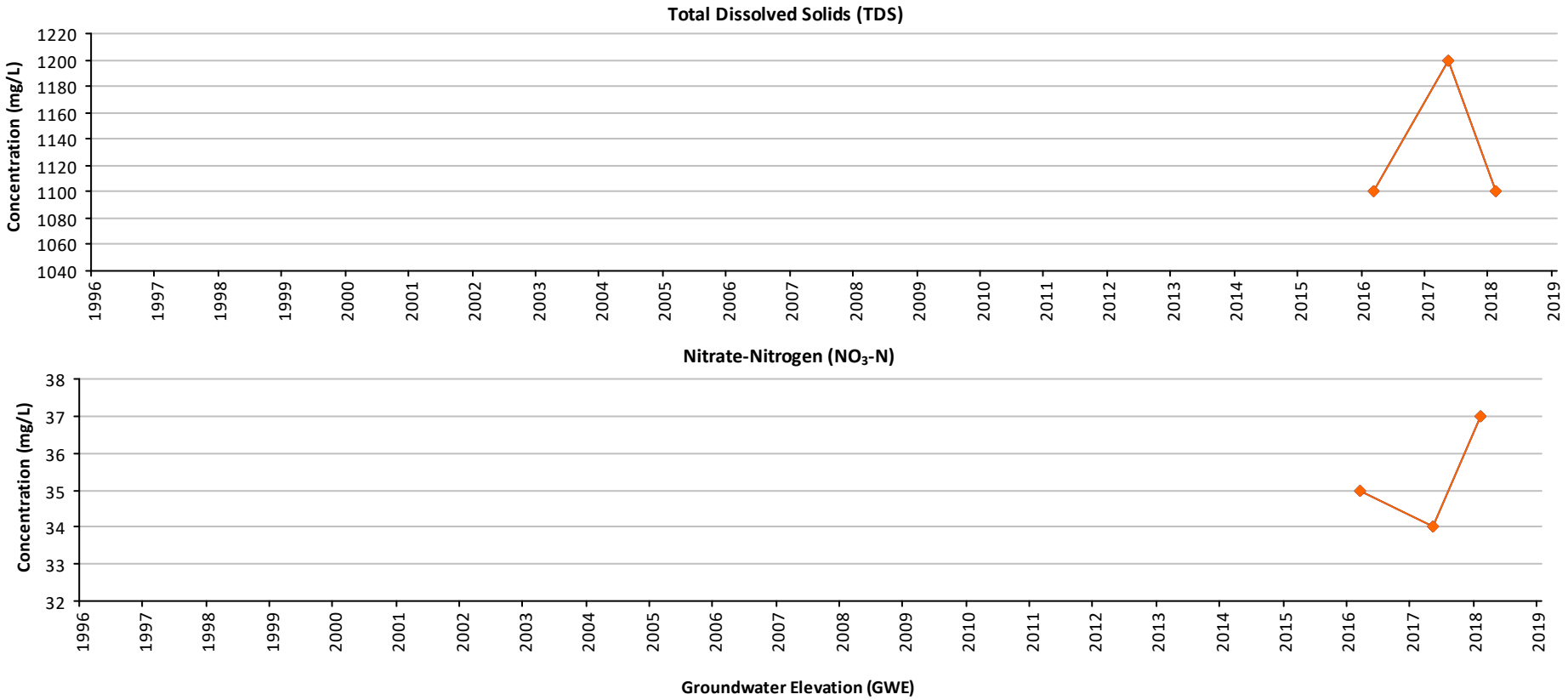
2016
2017
2018
2019

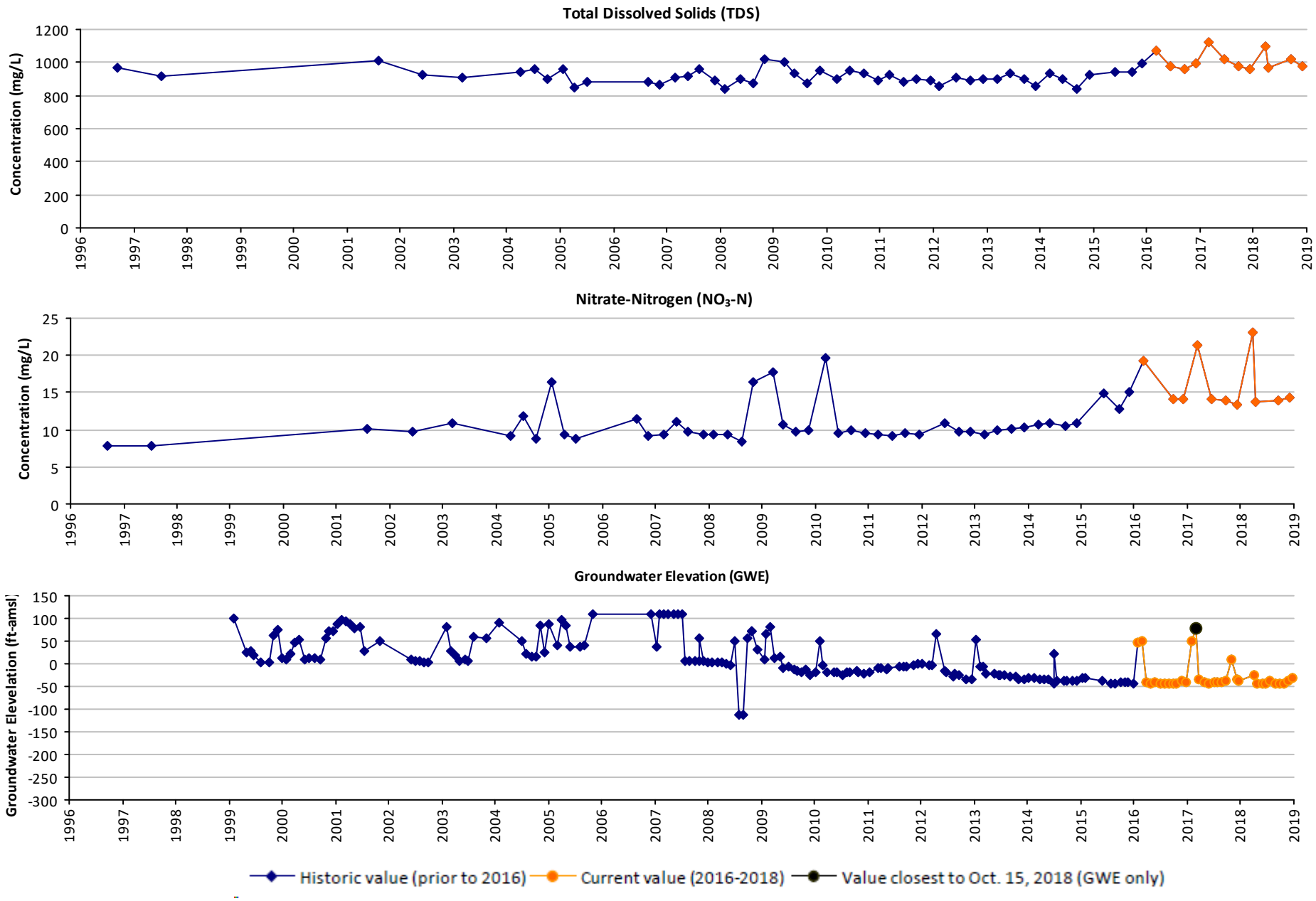

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

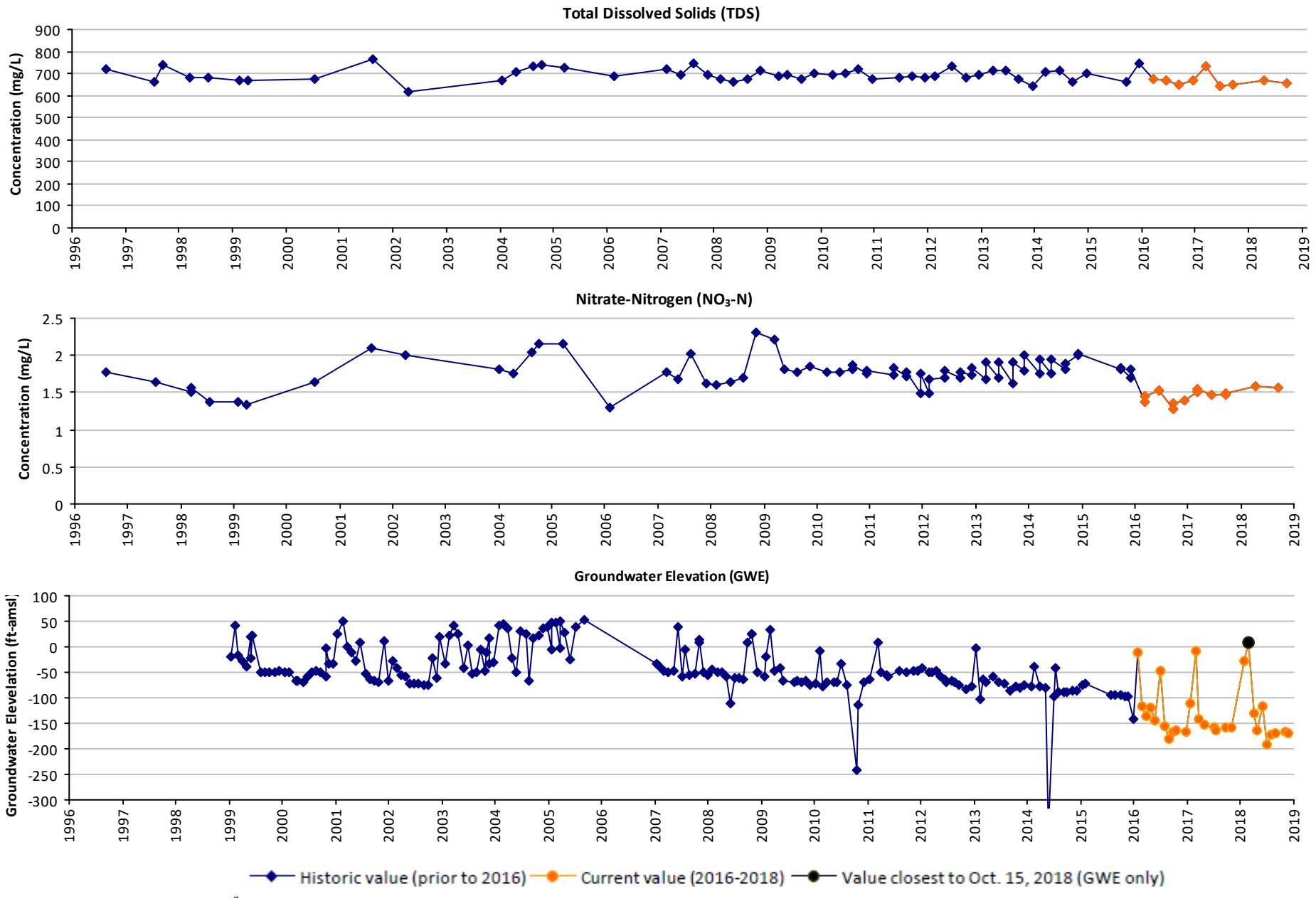

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

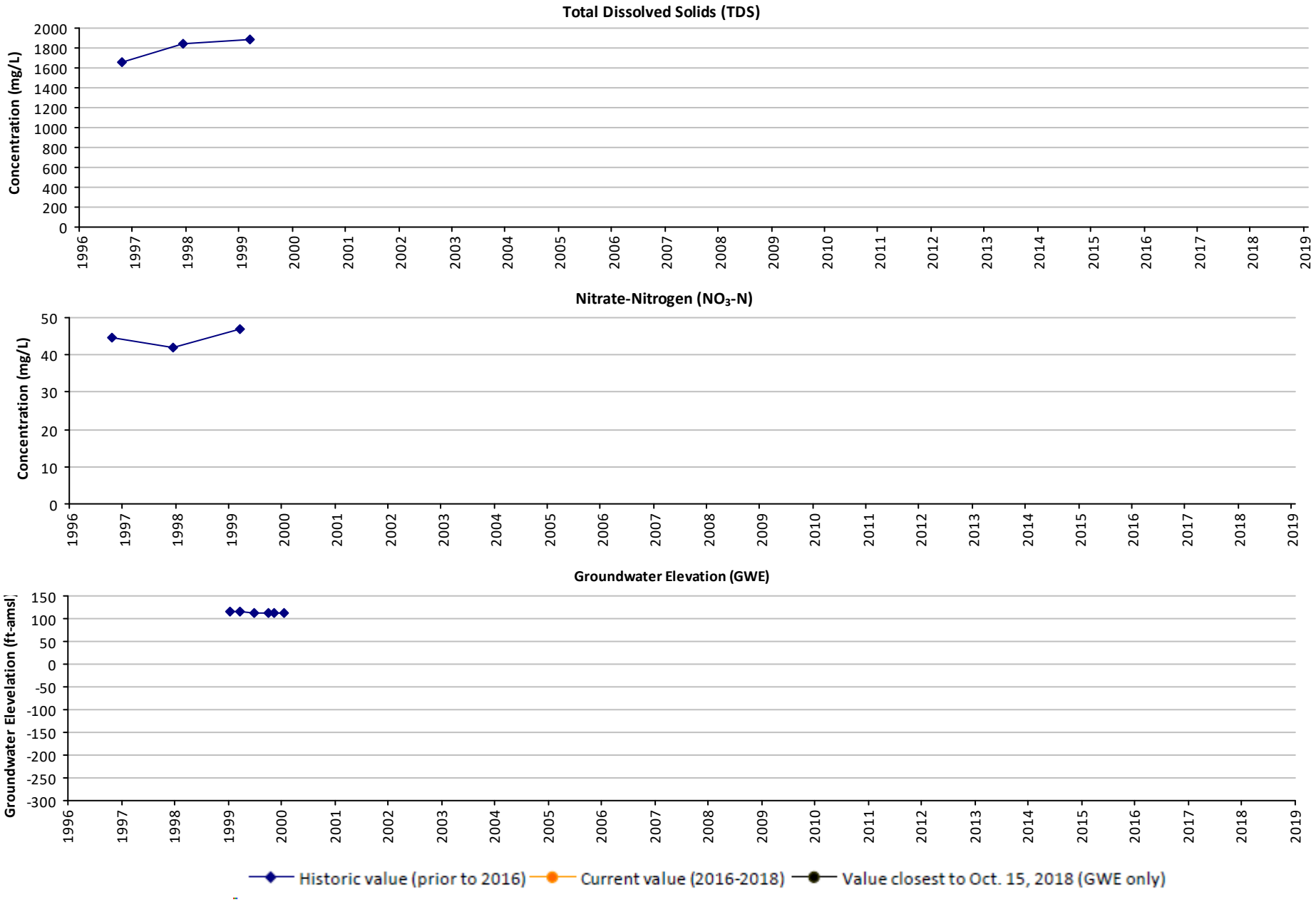

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

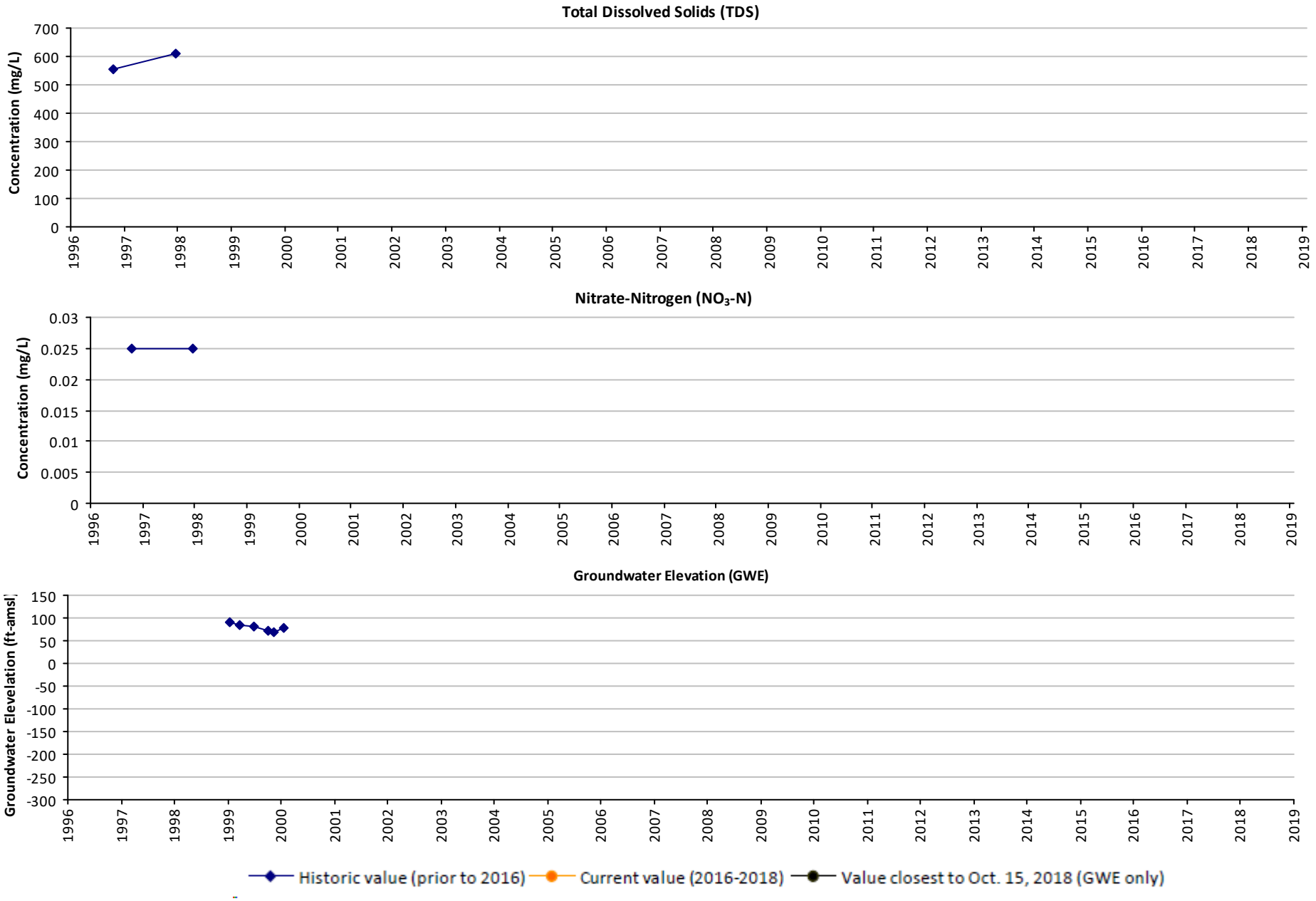


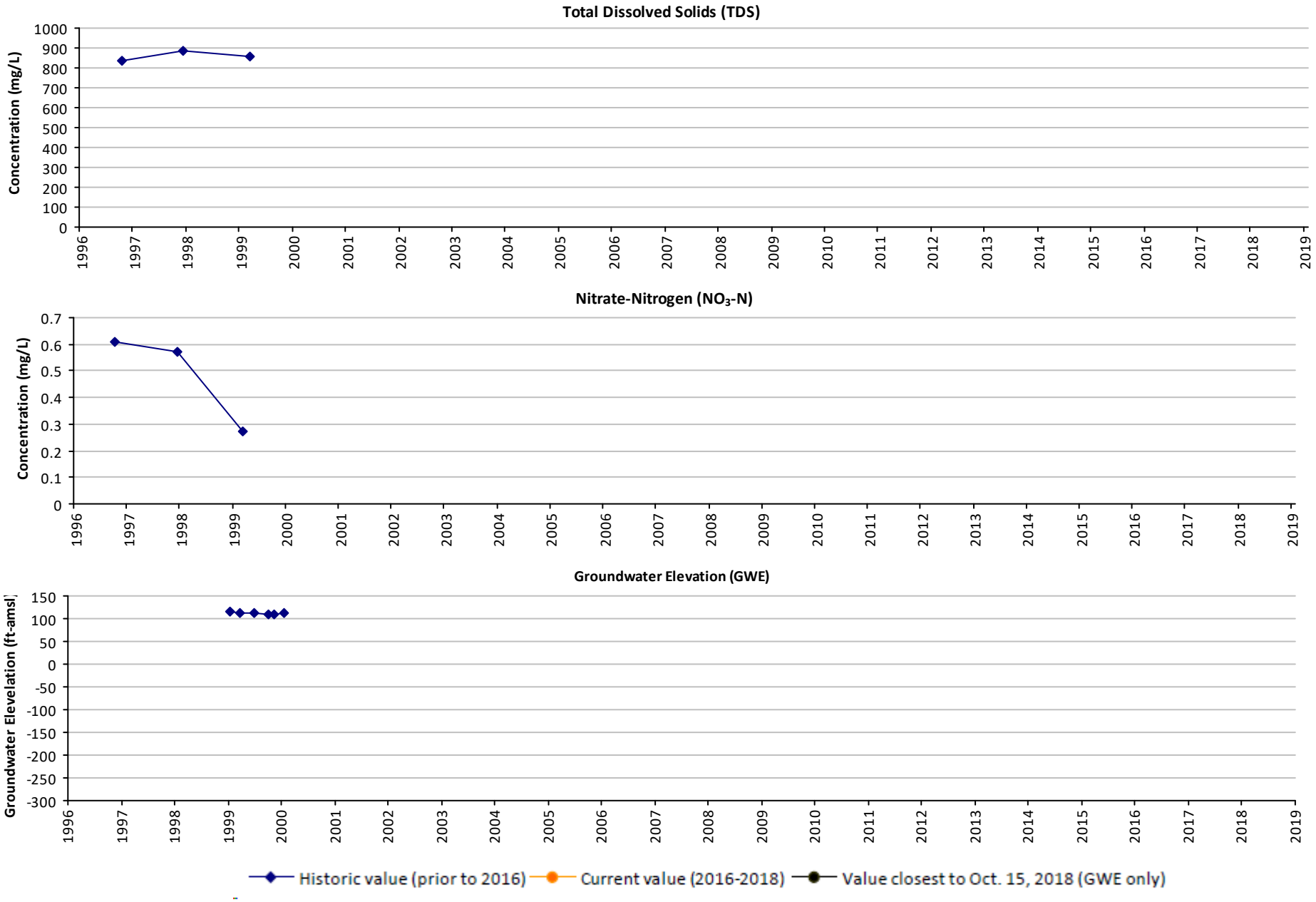
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

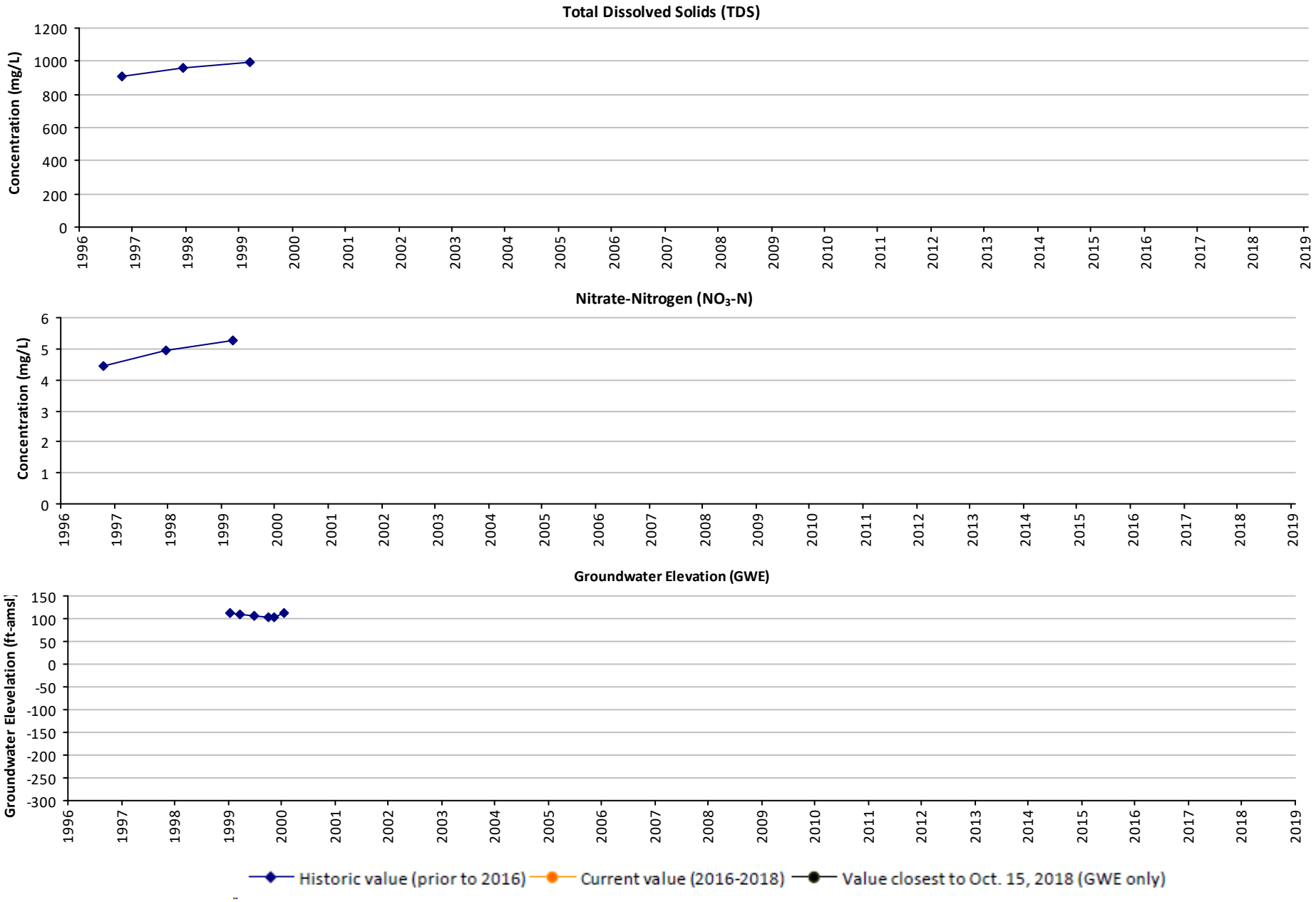

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

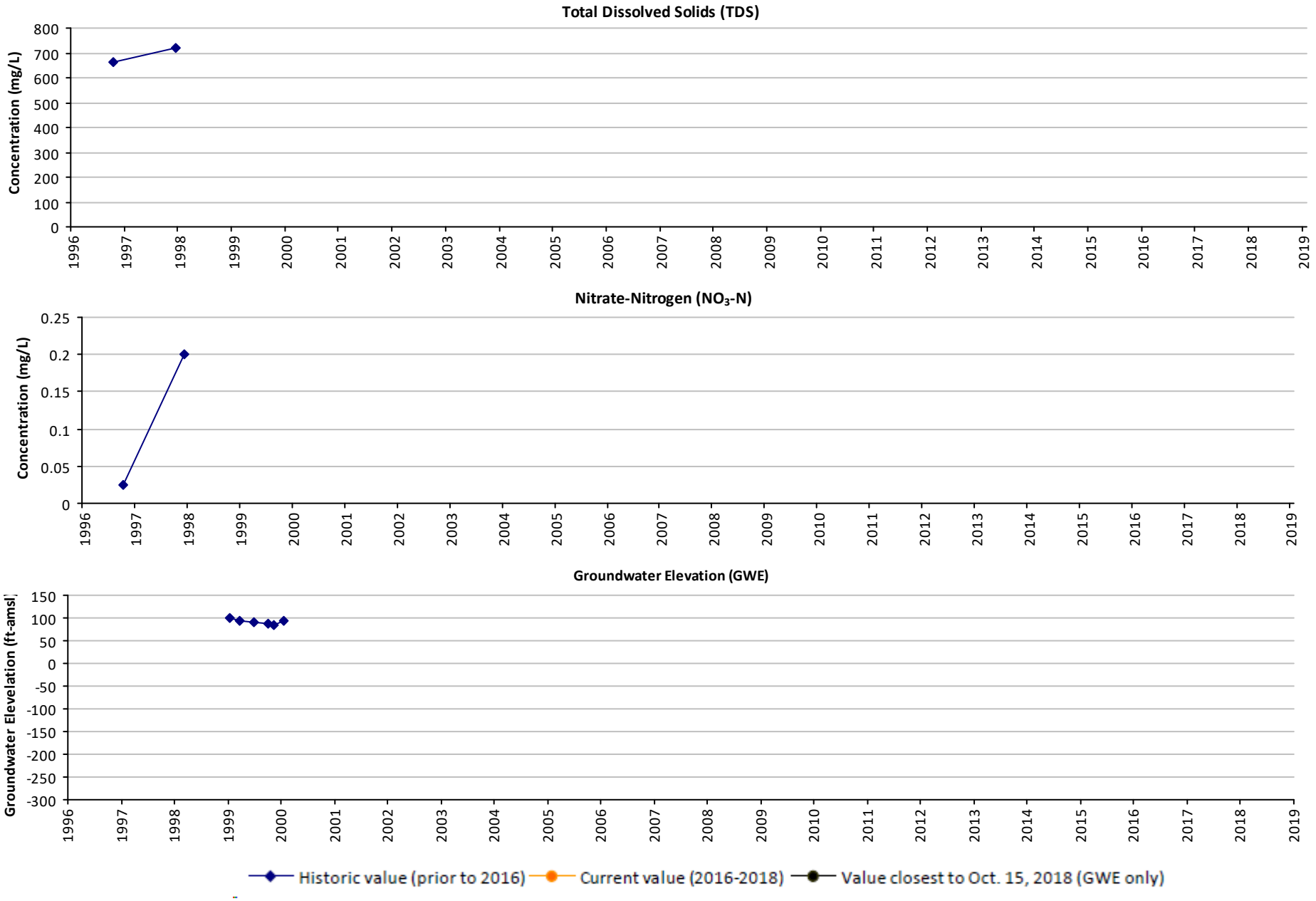

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

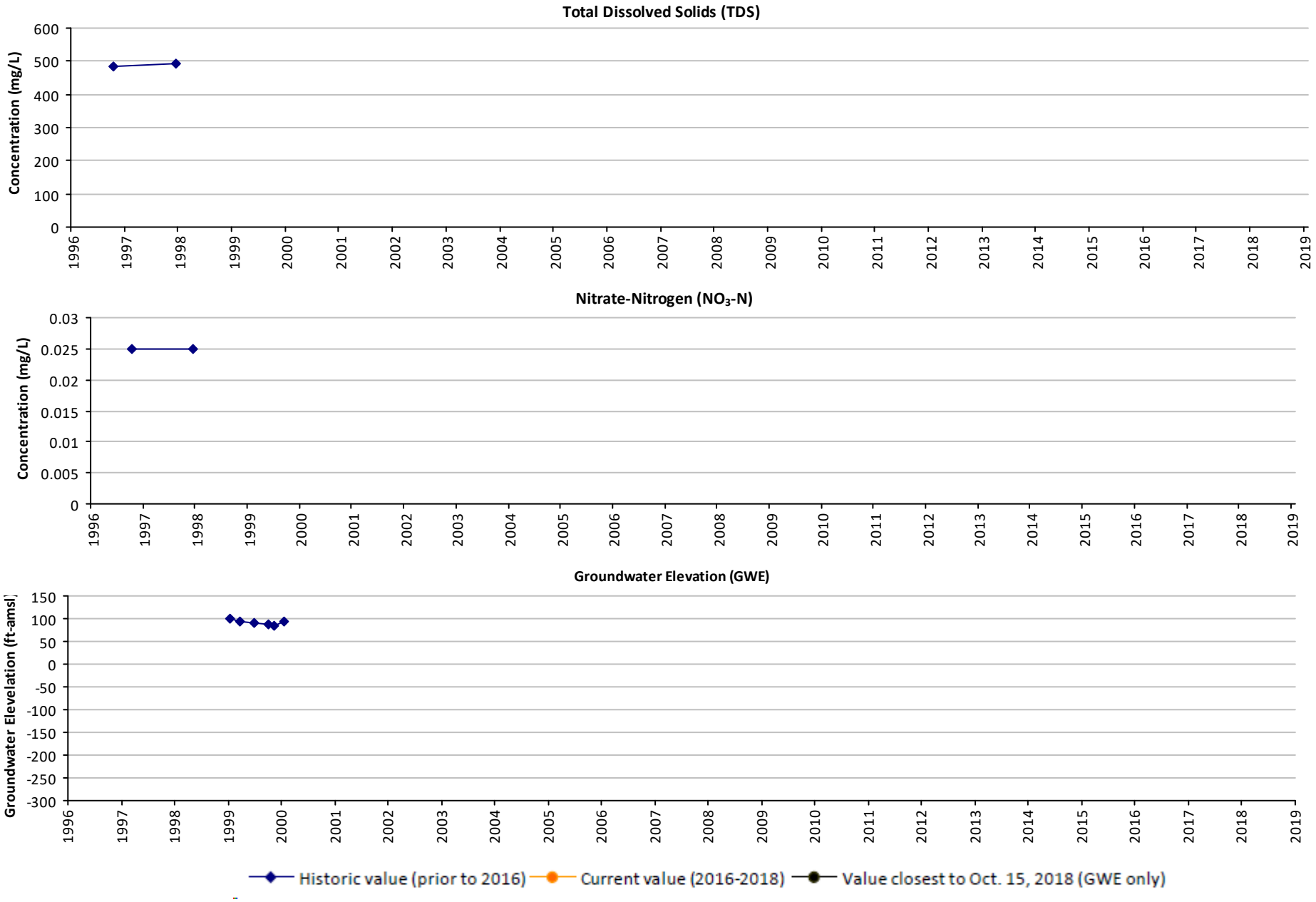

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

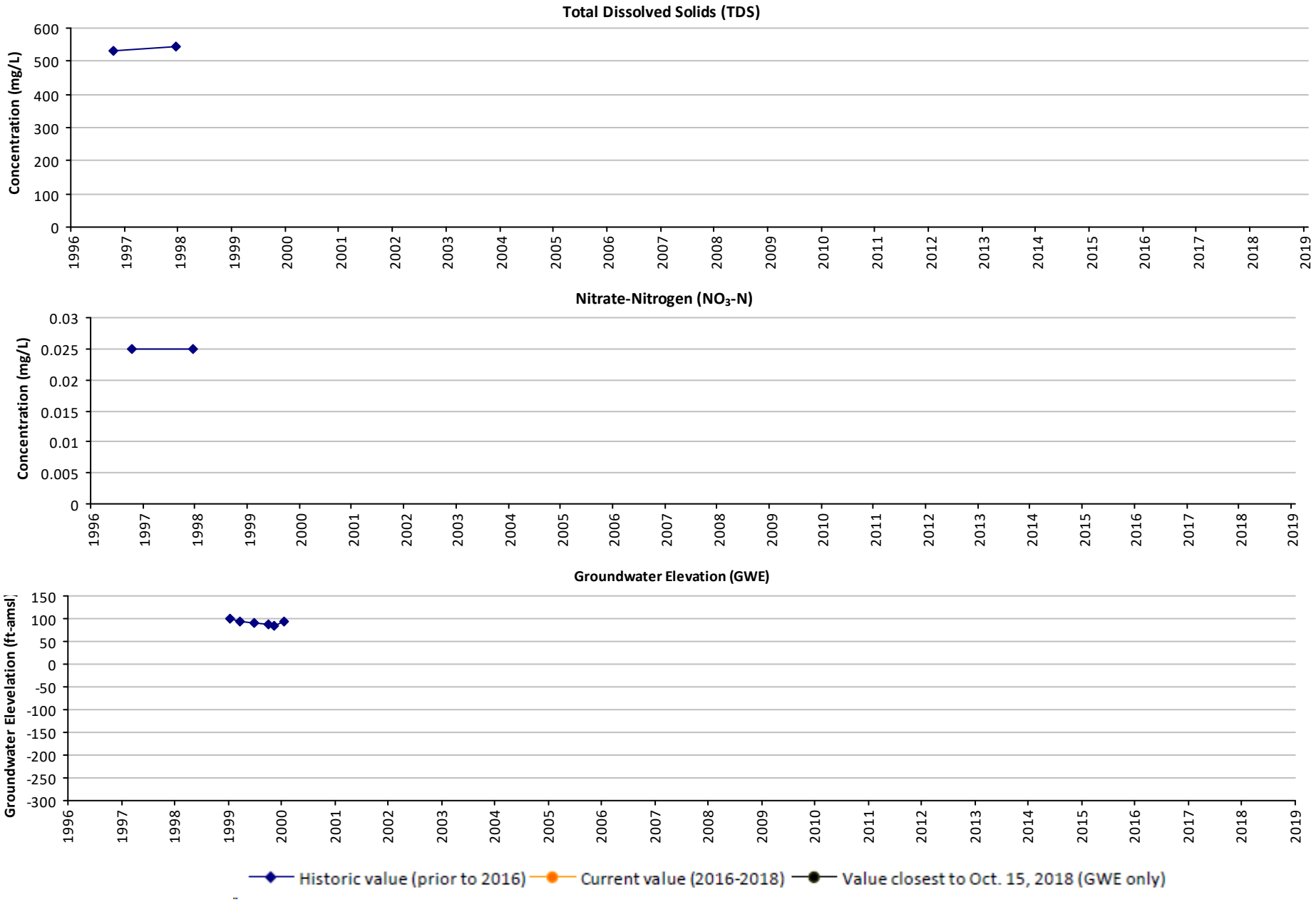

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

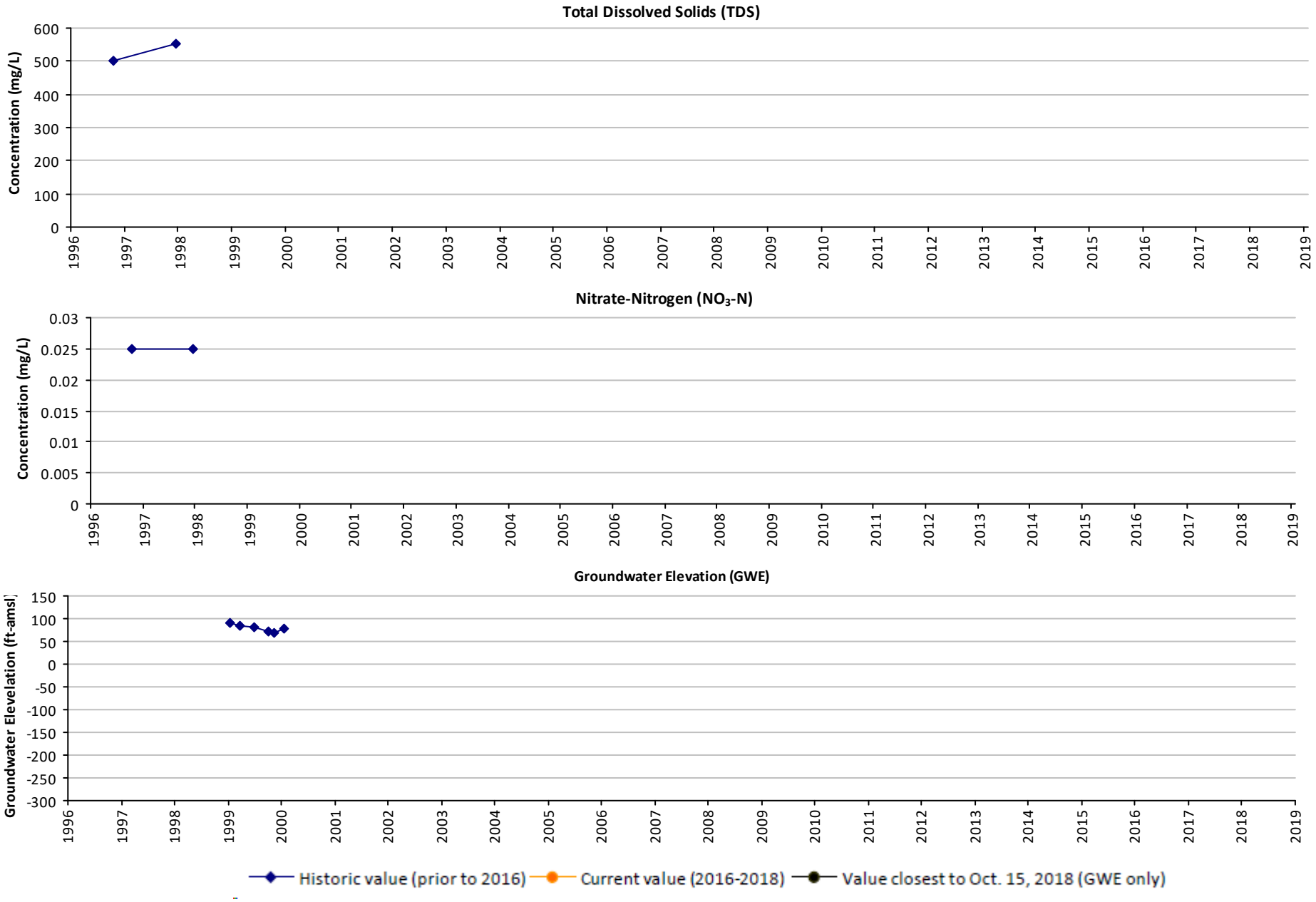

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
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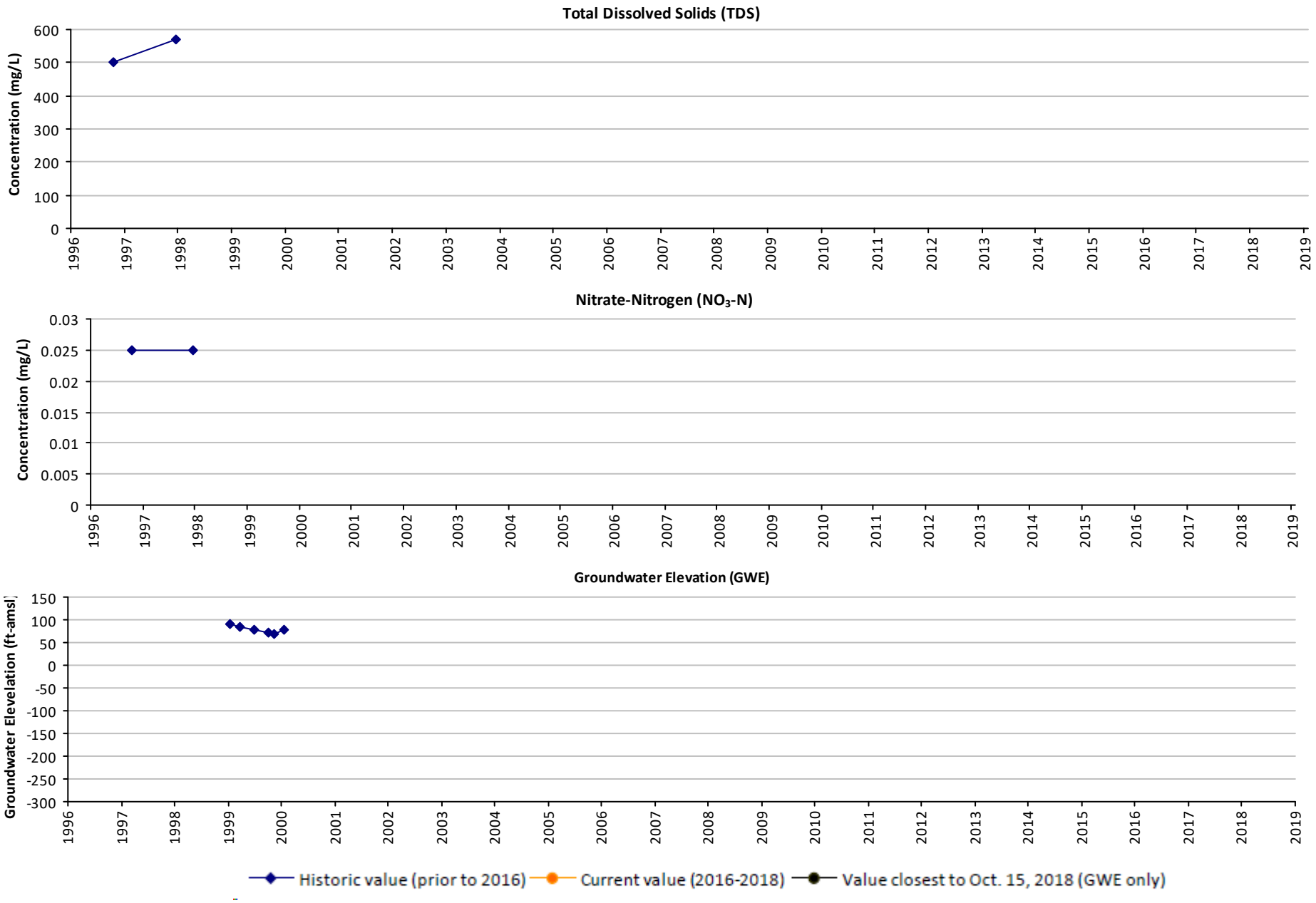
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
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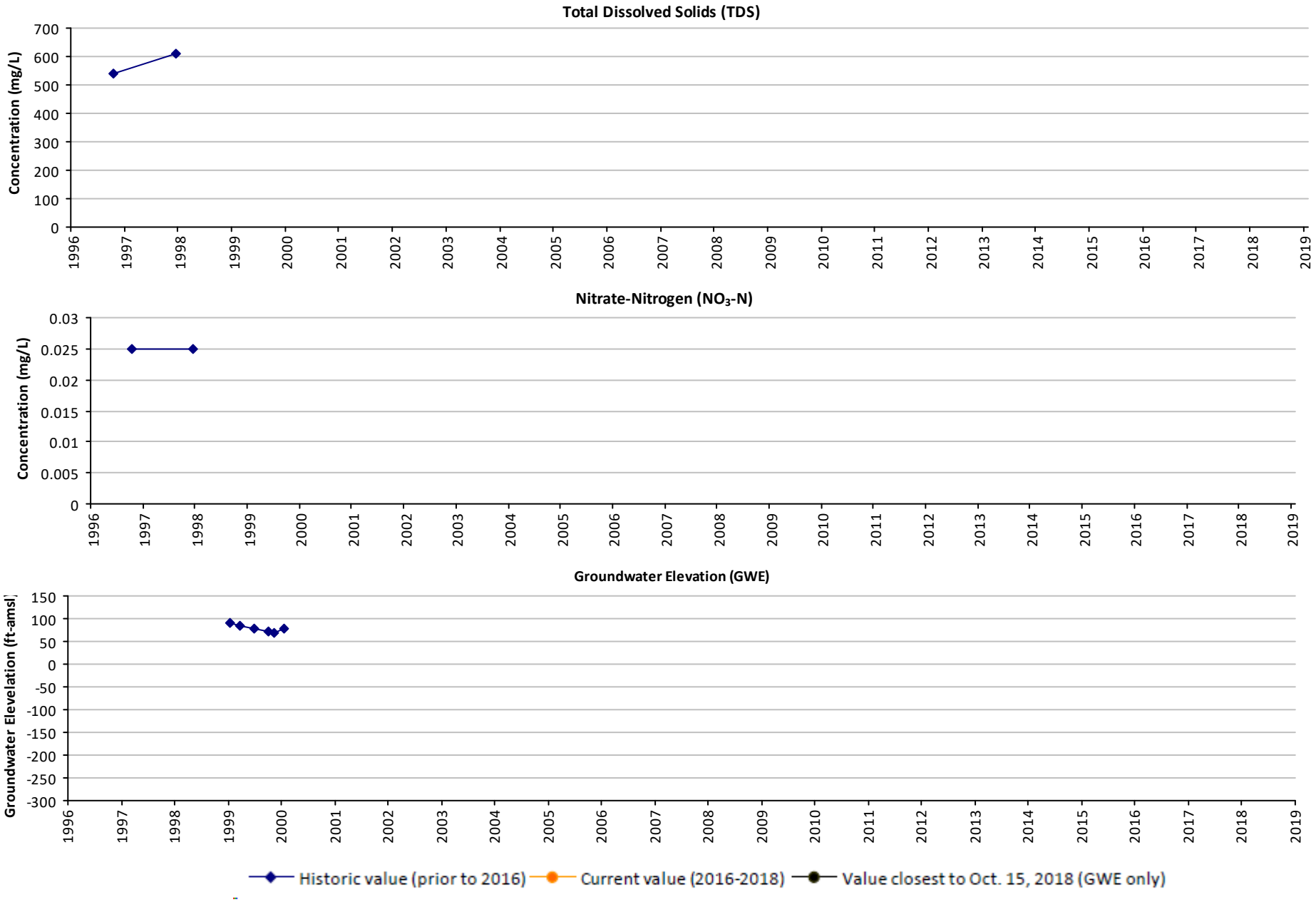
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
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100
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
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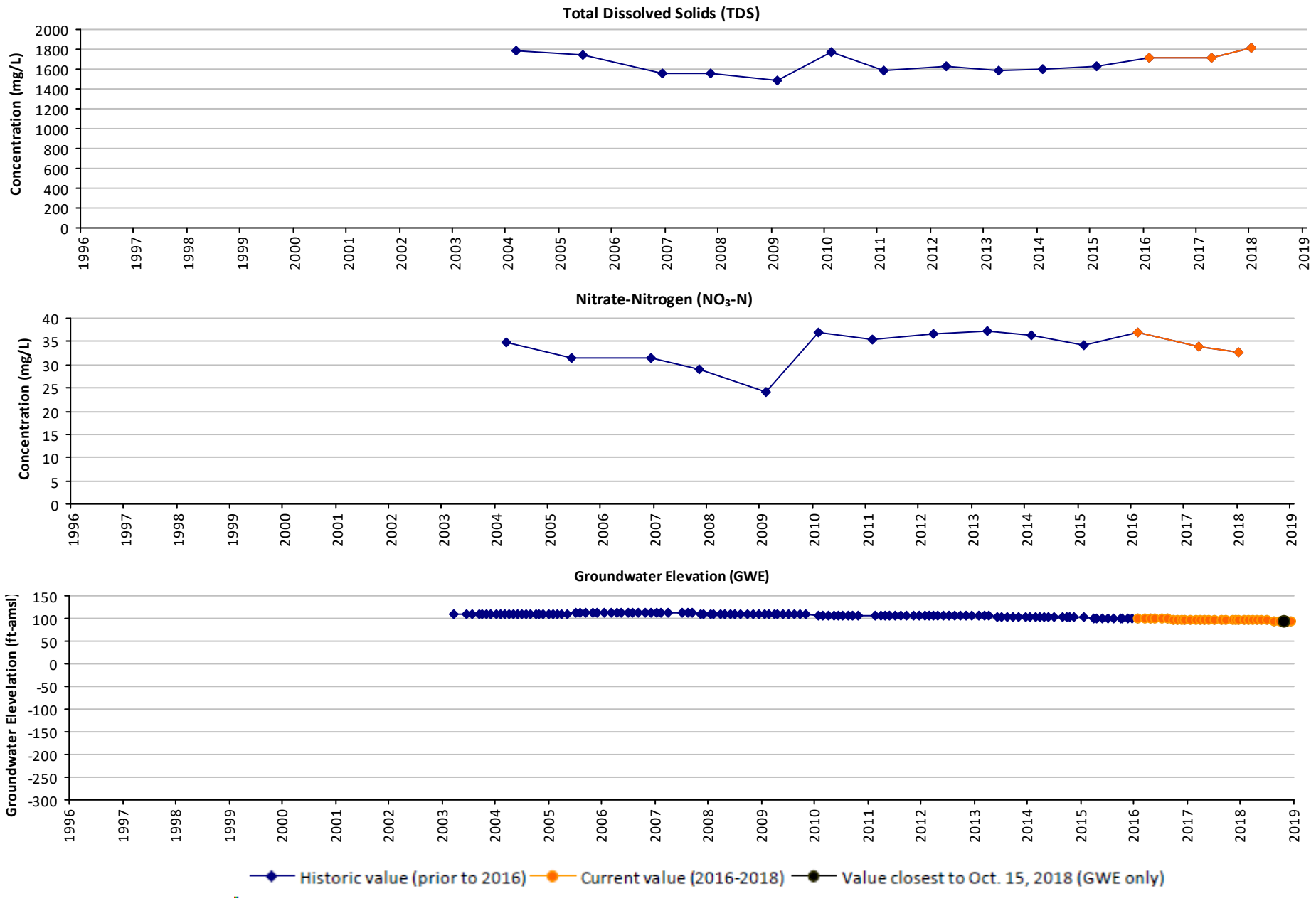
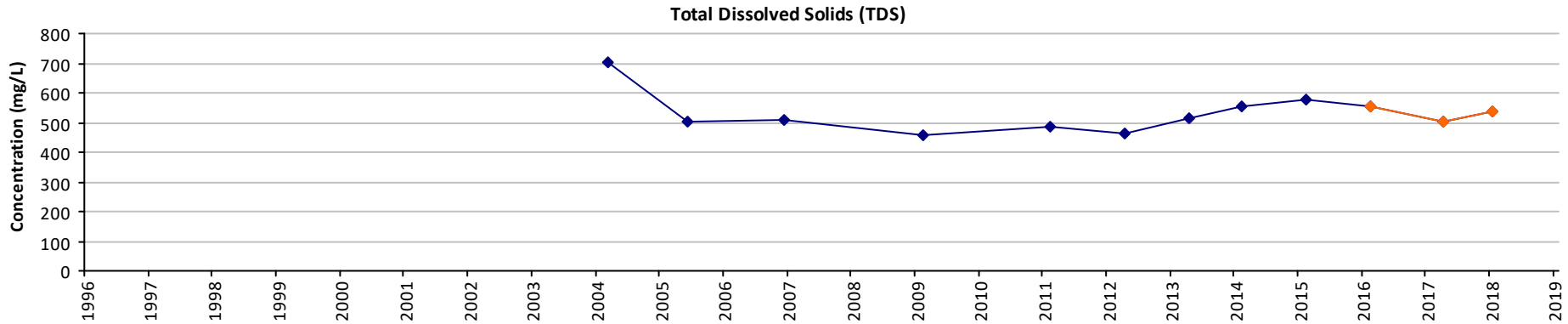
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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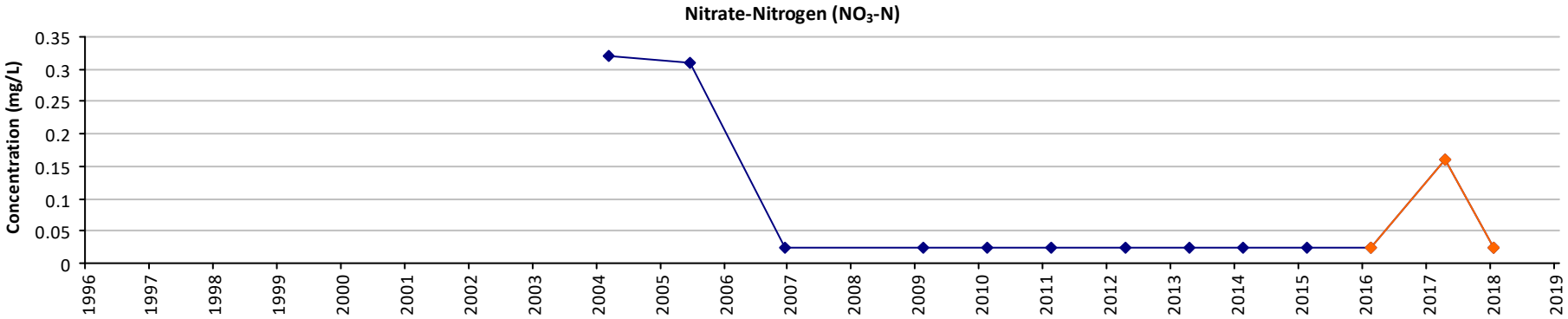
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
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1996
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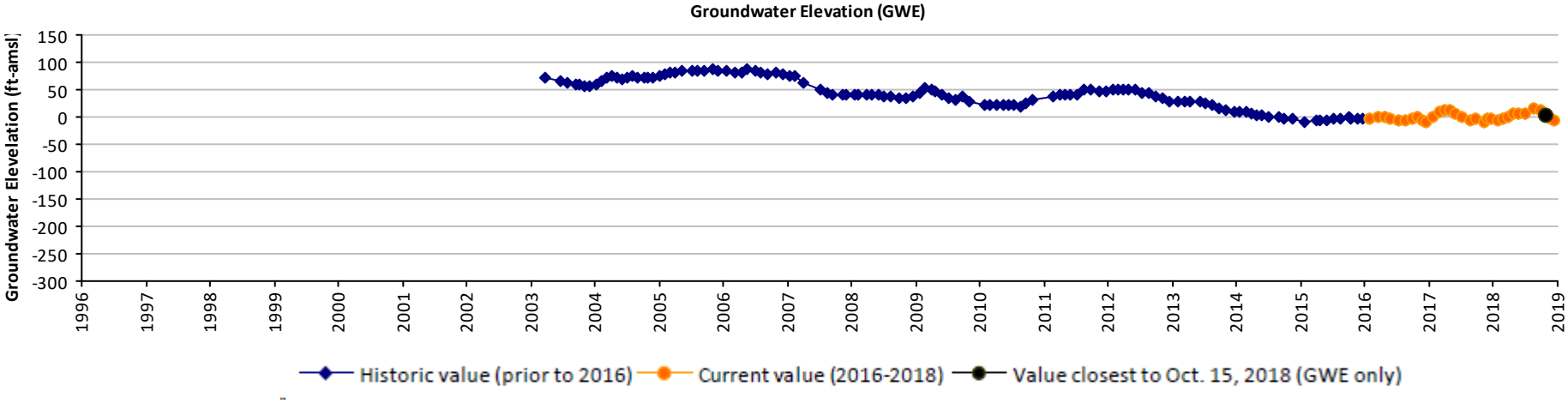
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
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-50
-100
-150
-200
-250
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1996
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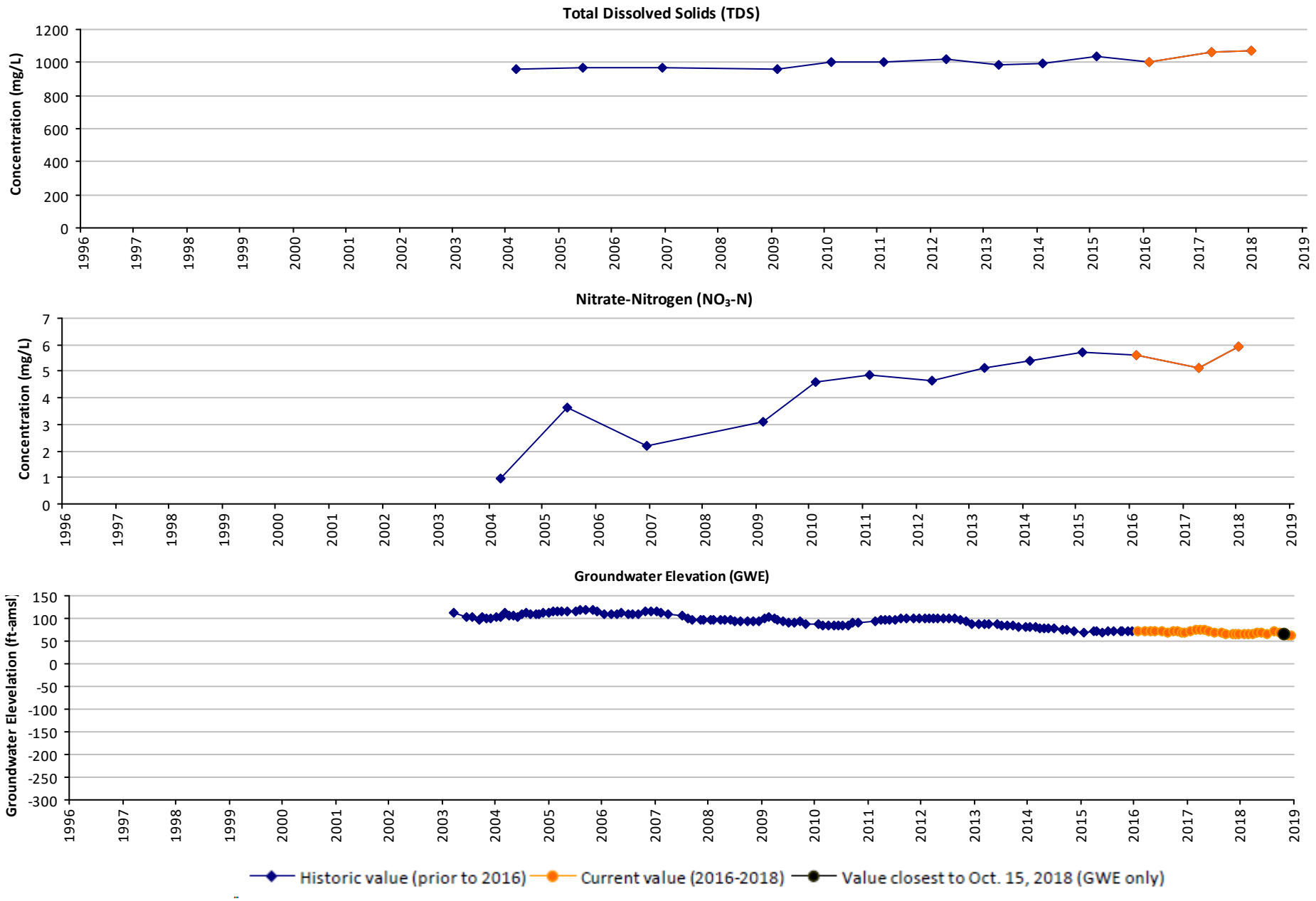
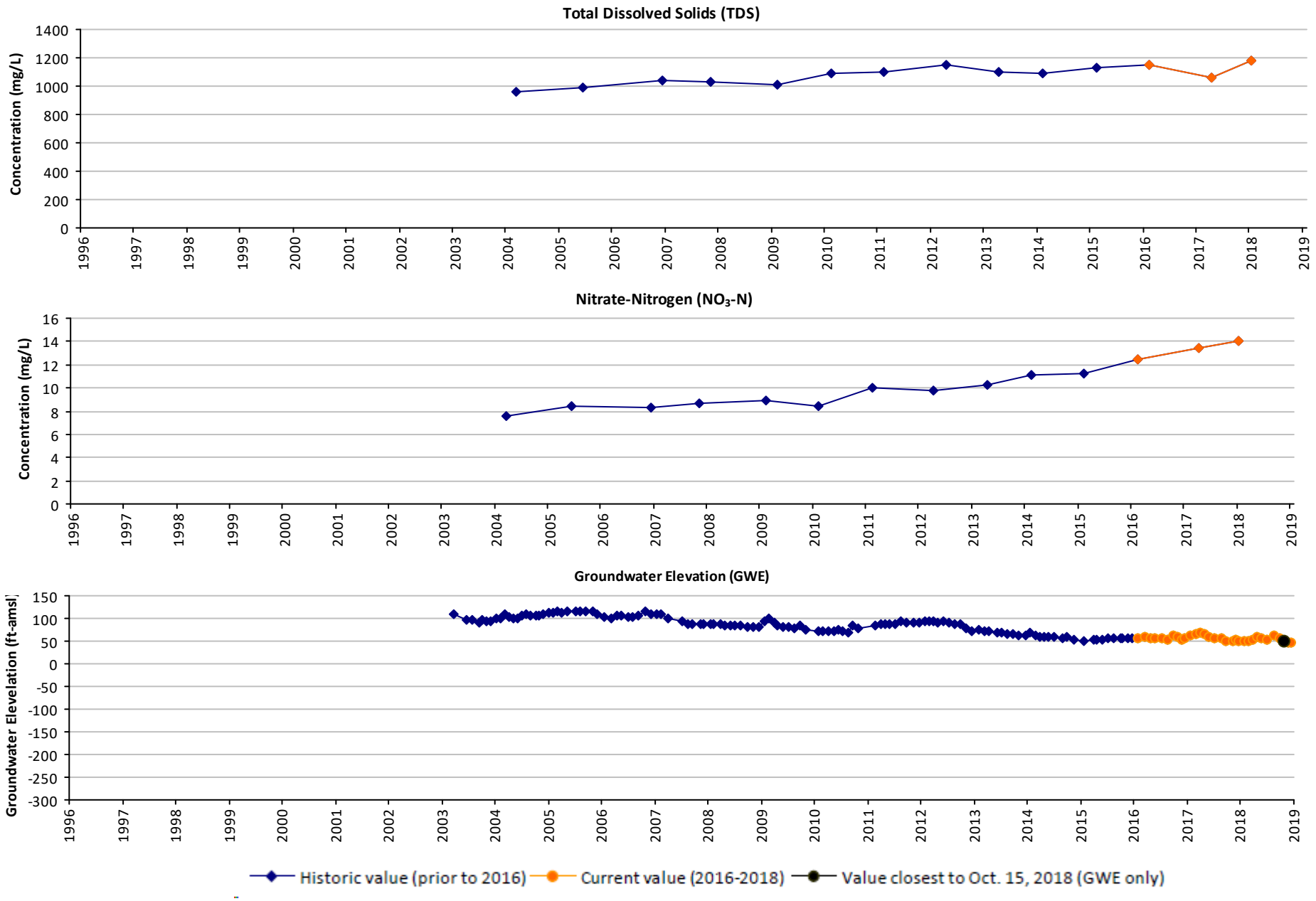
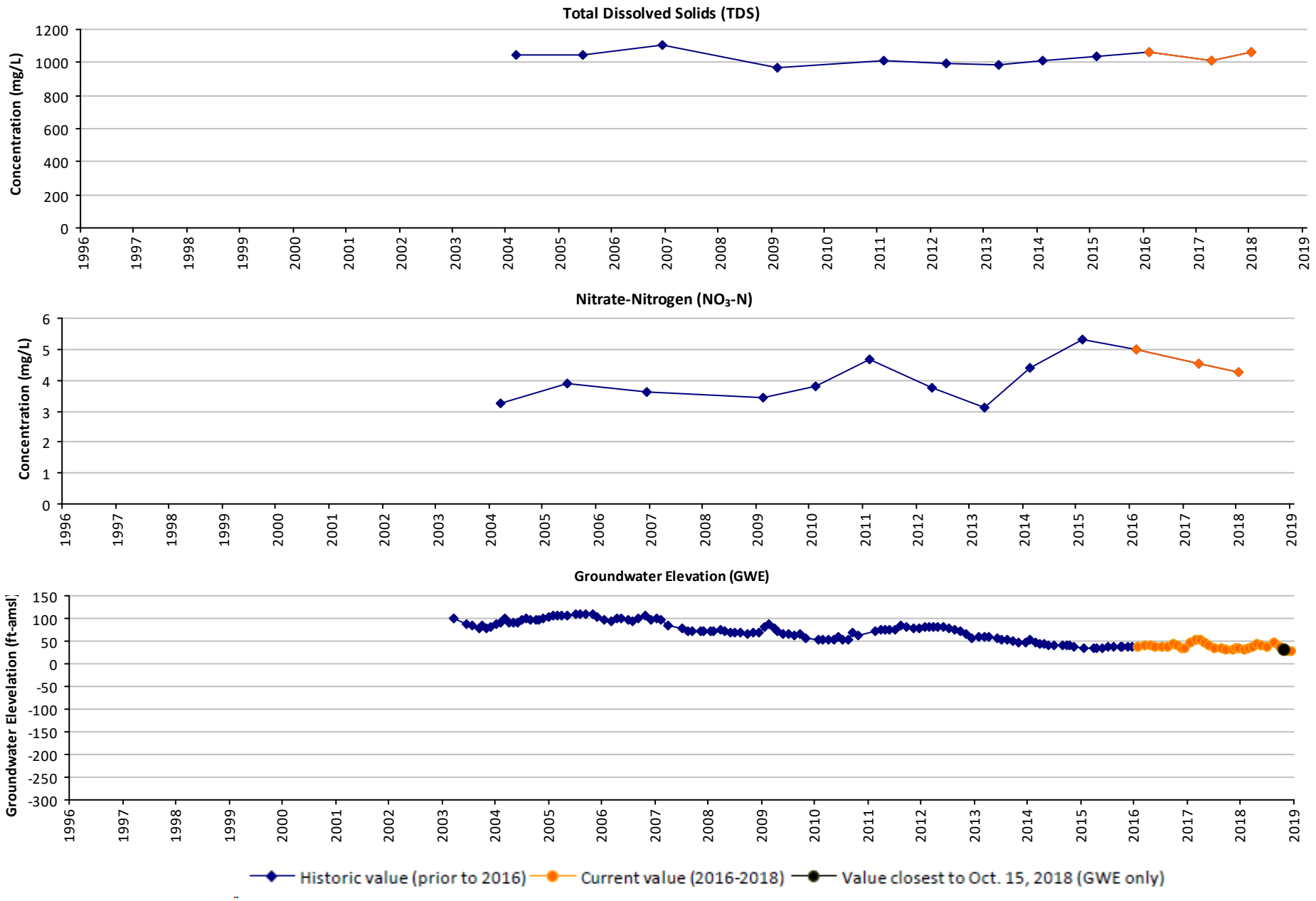
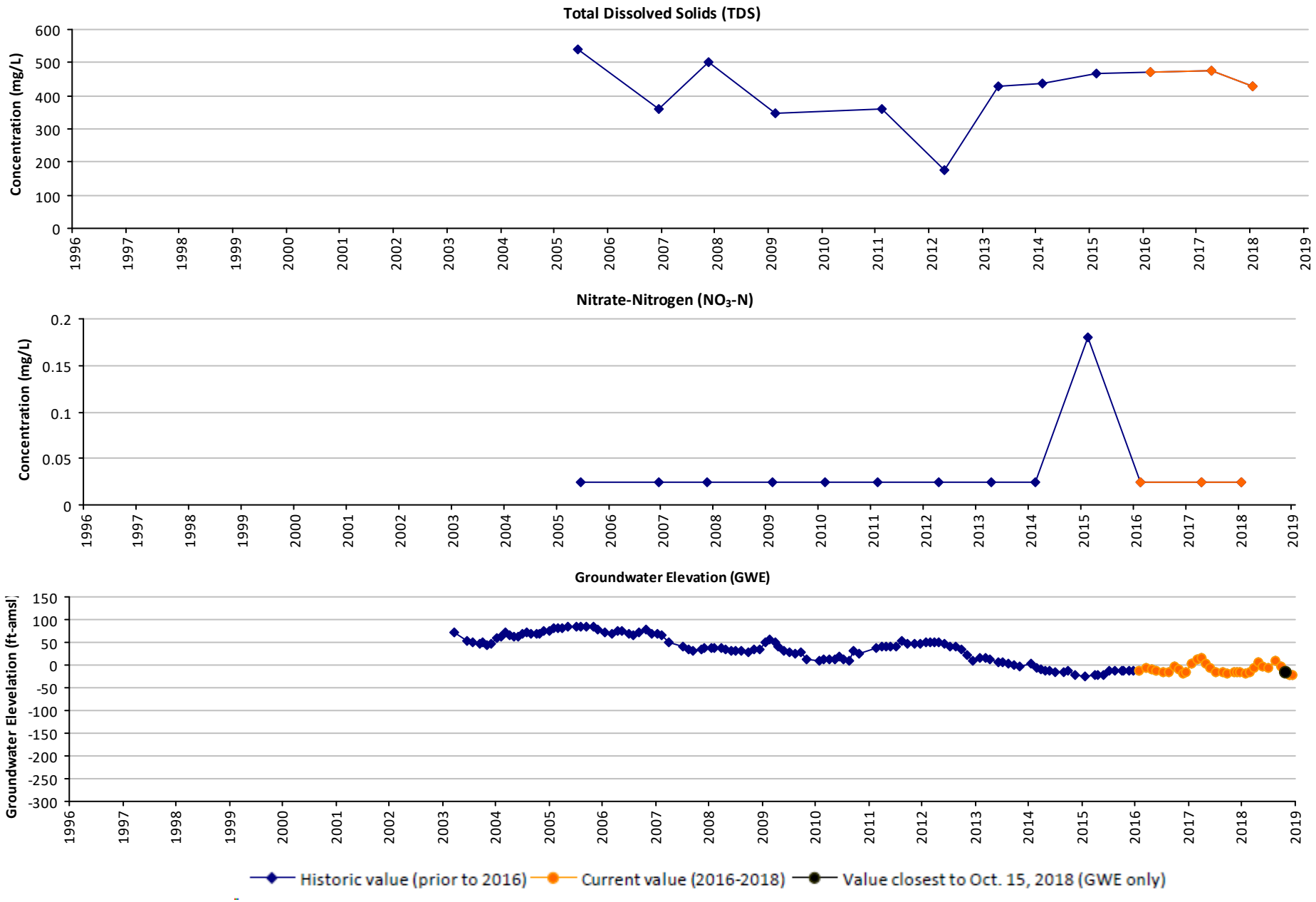
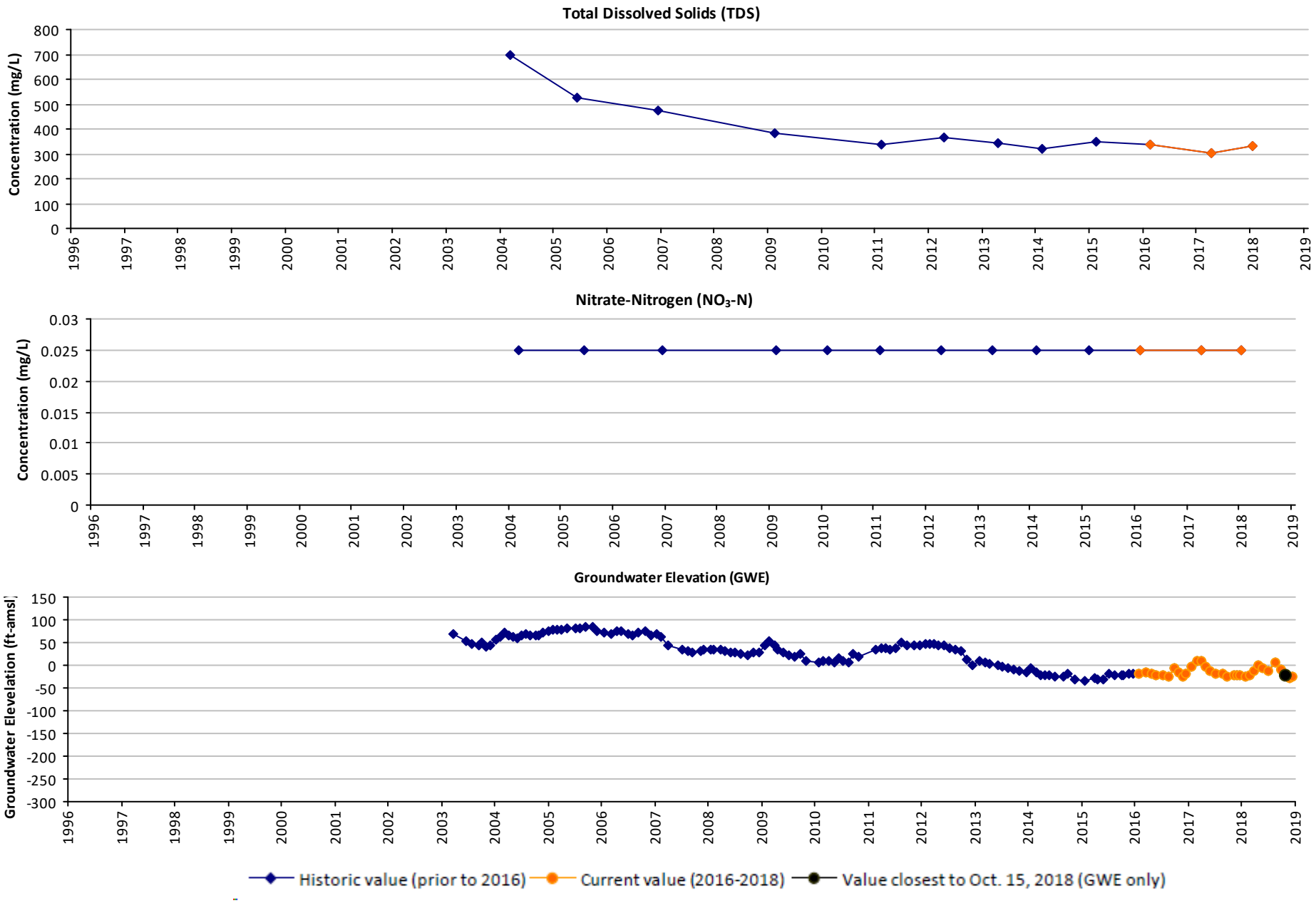
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

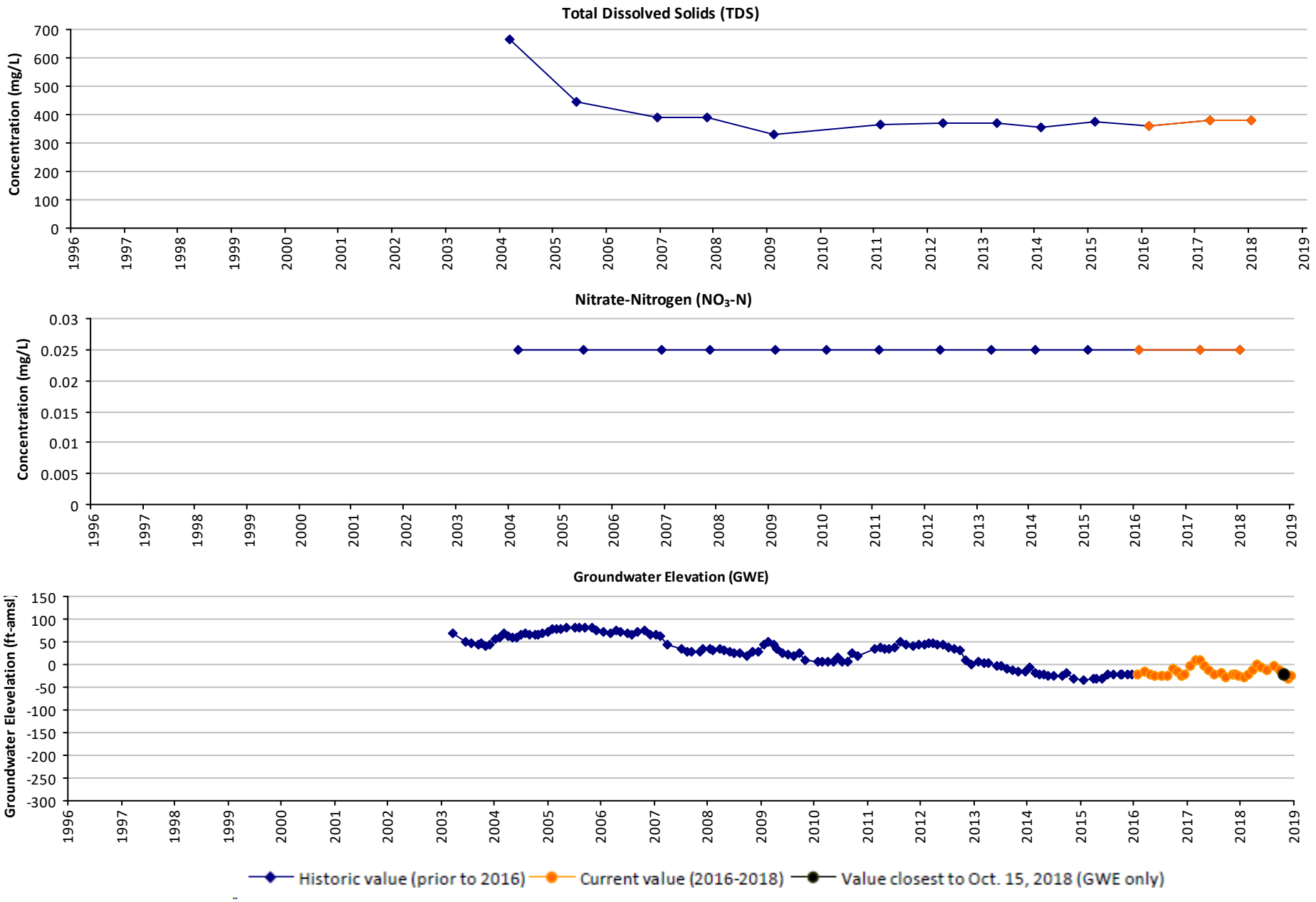

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

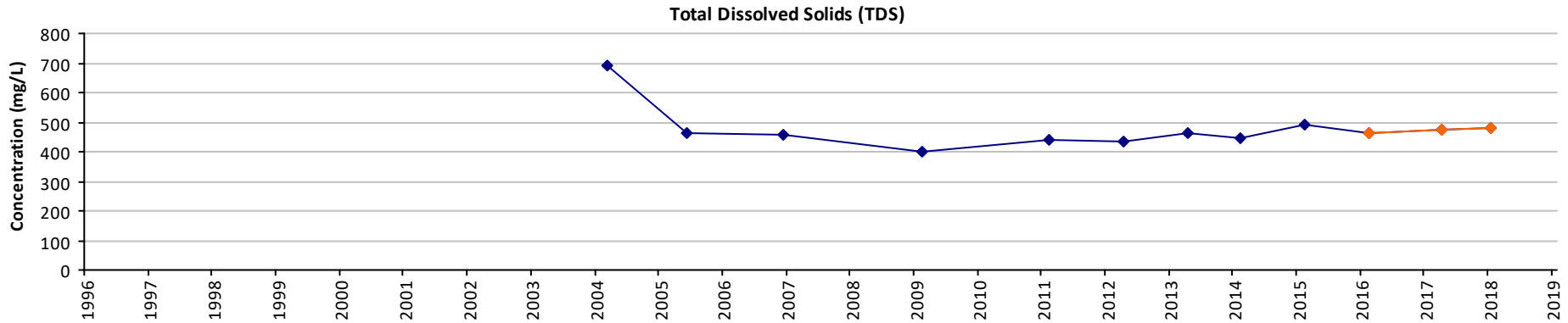

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
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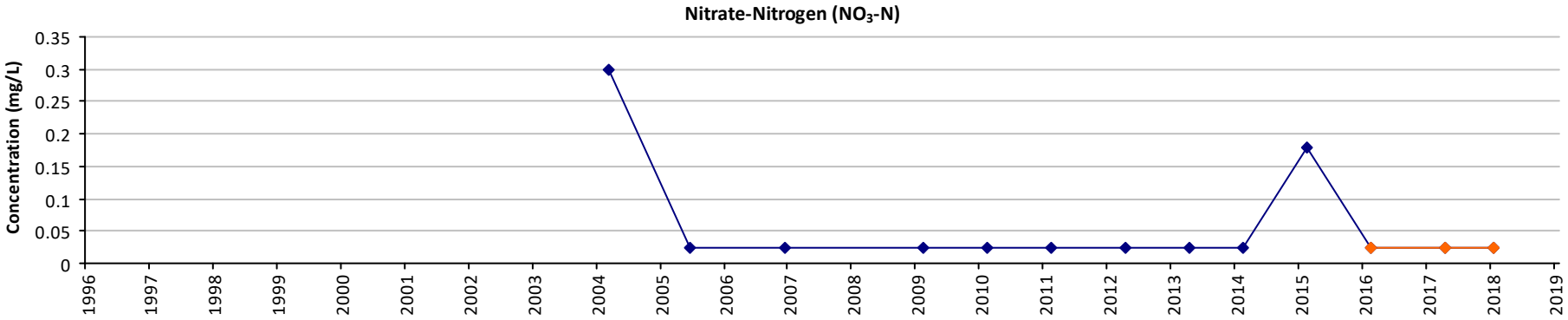
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
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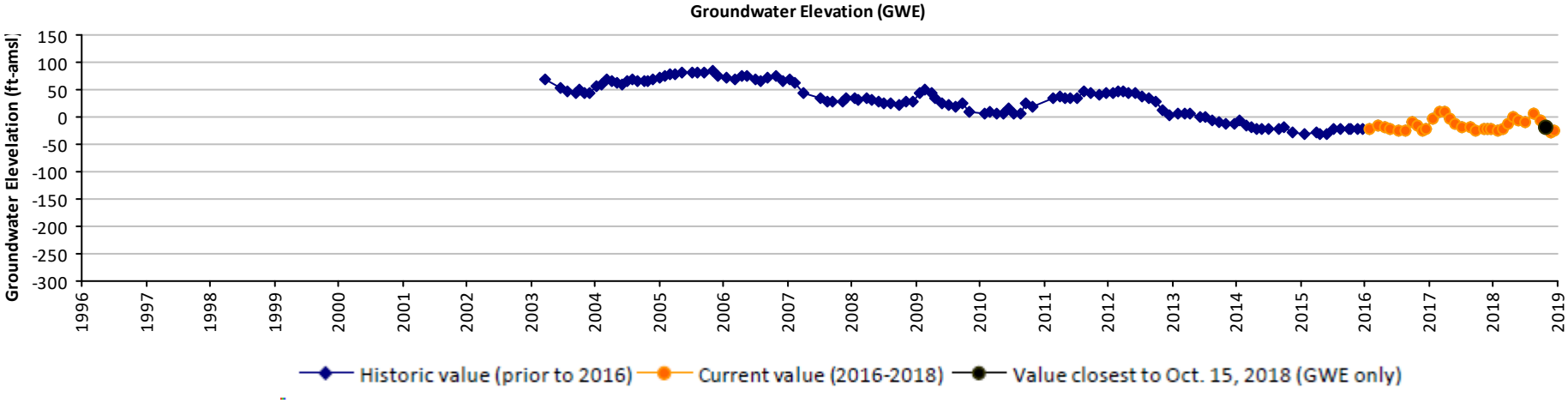
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996
1997
1998
1999
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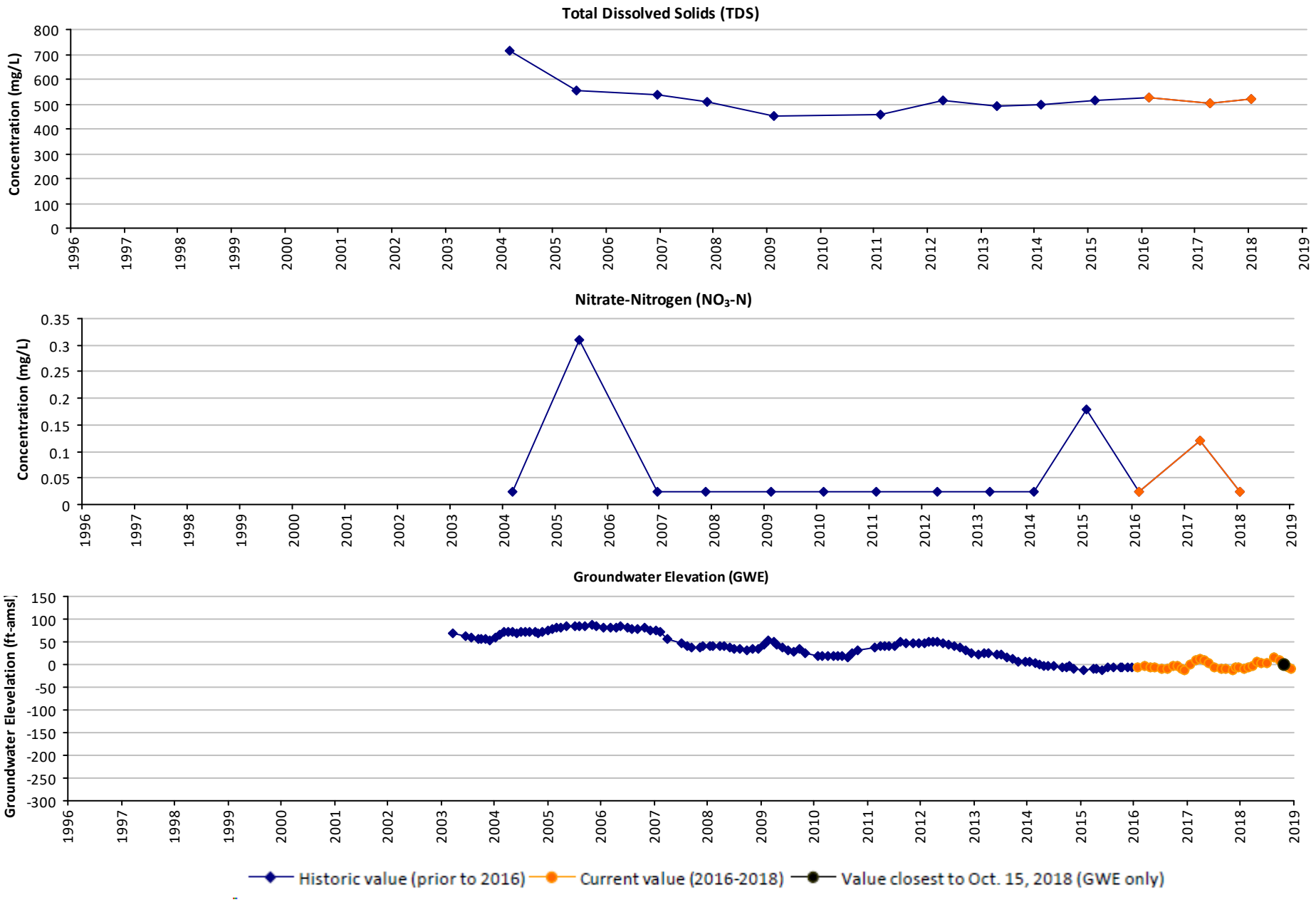
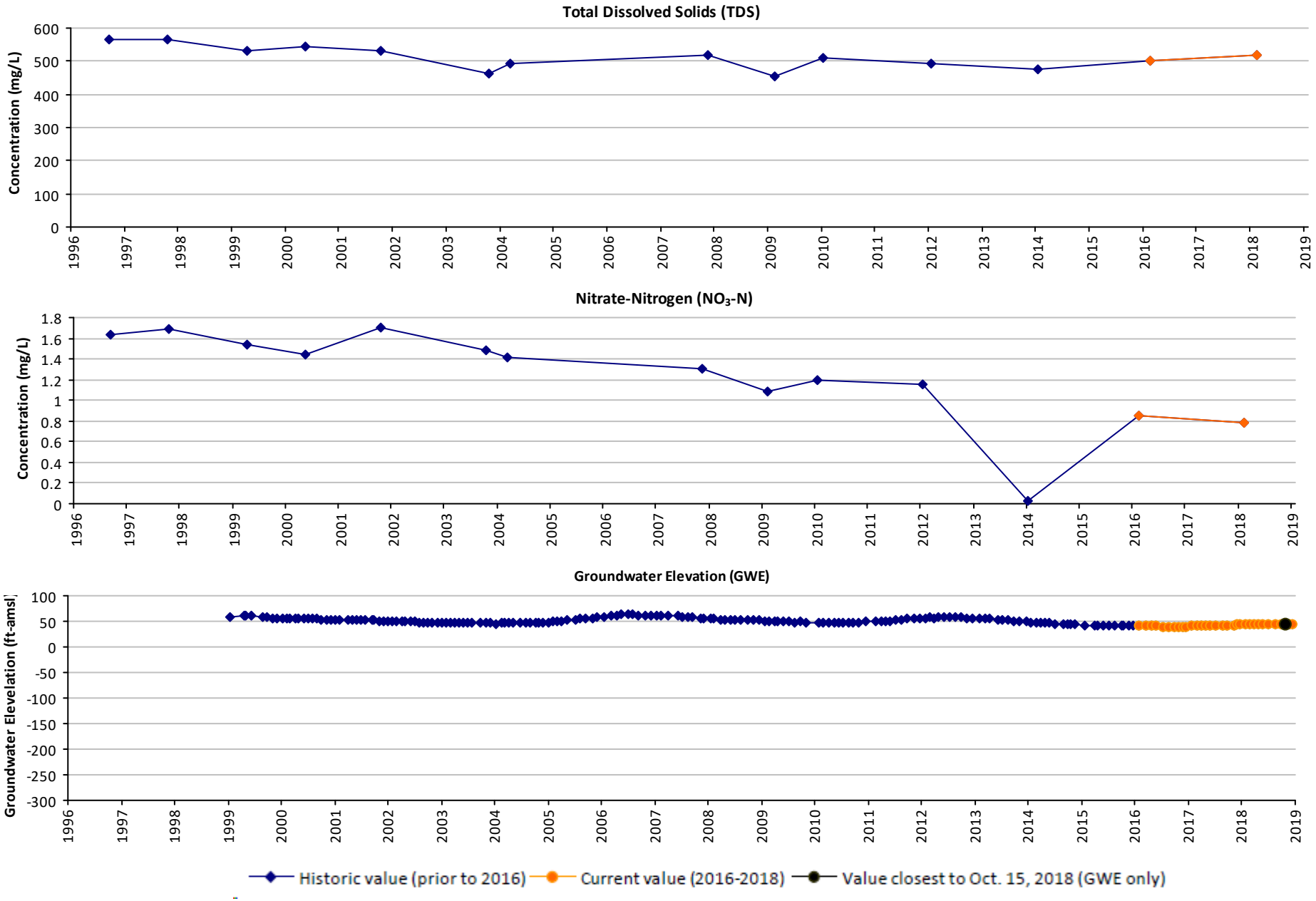
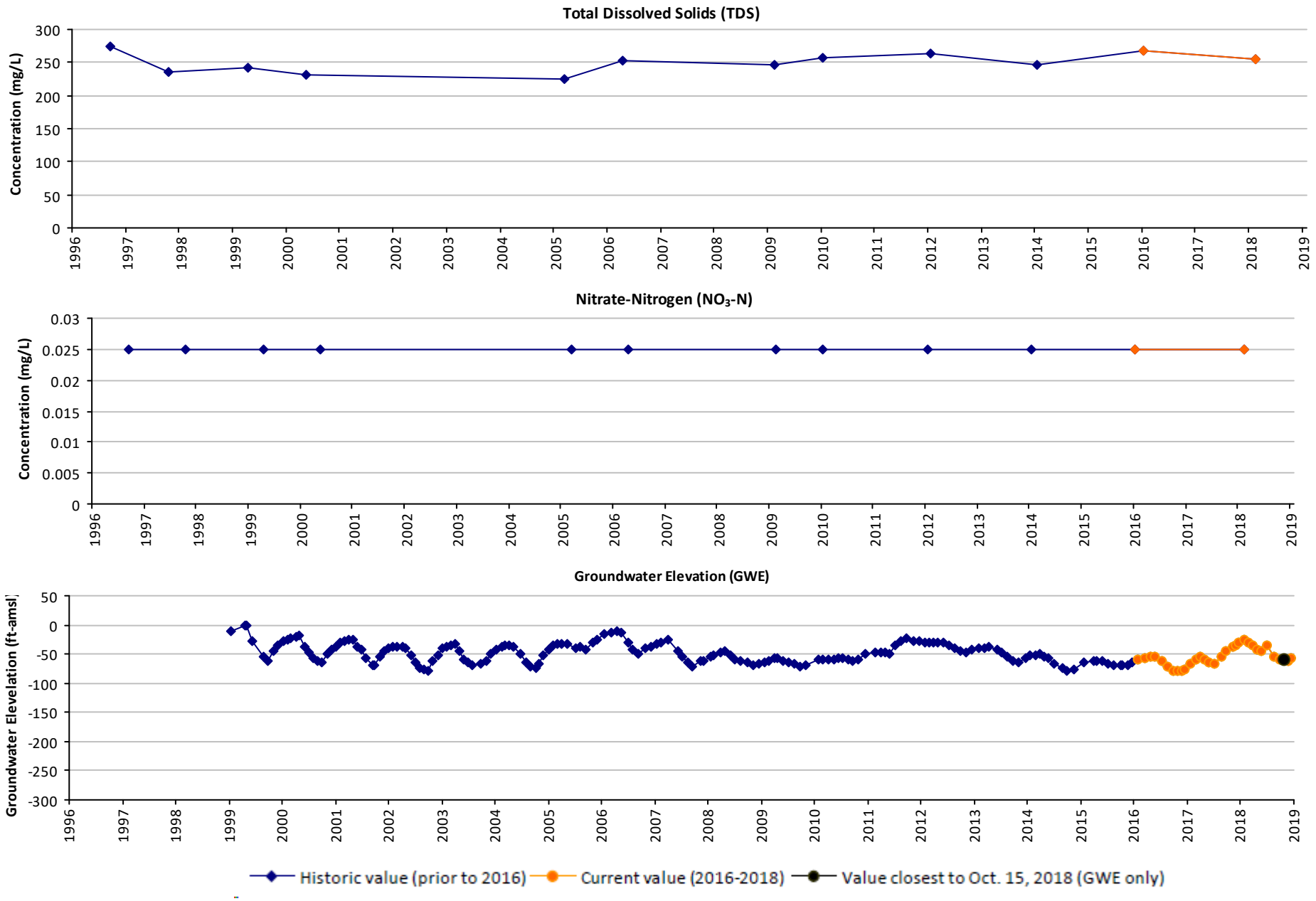
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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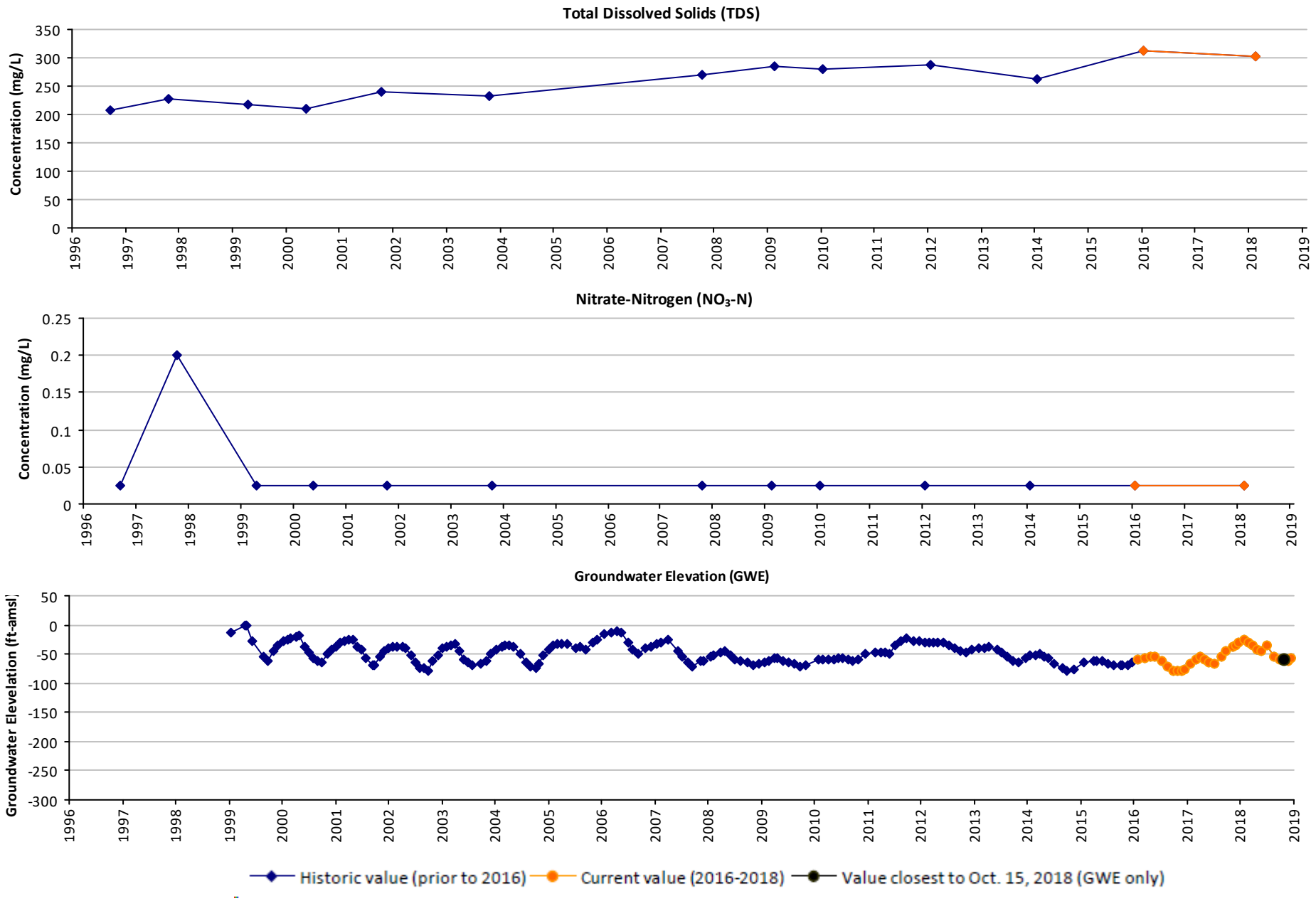
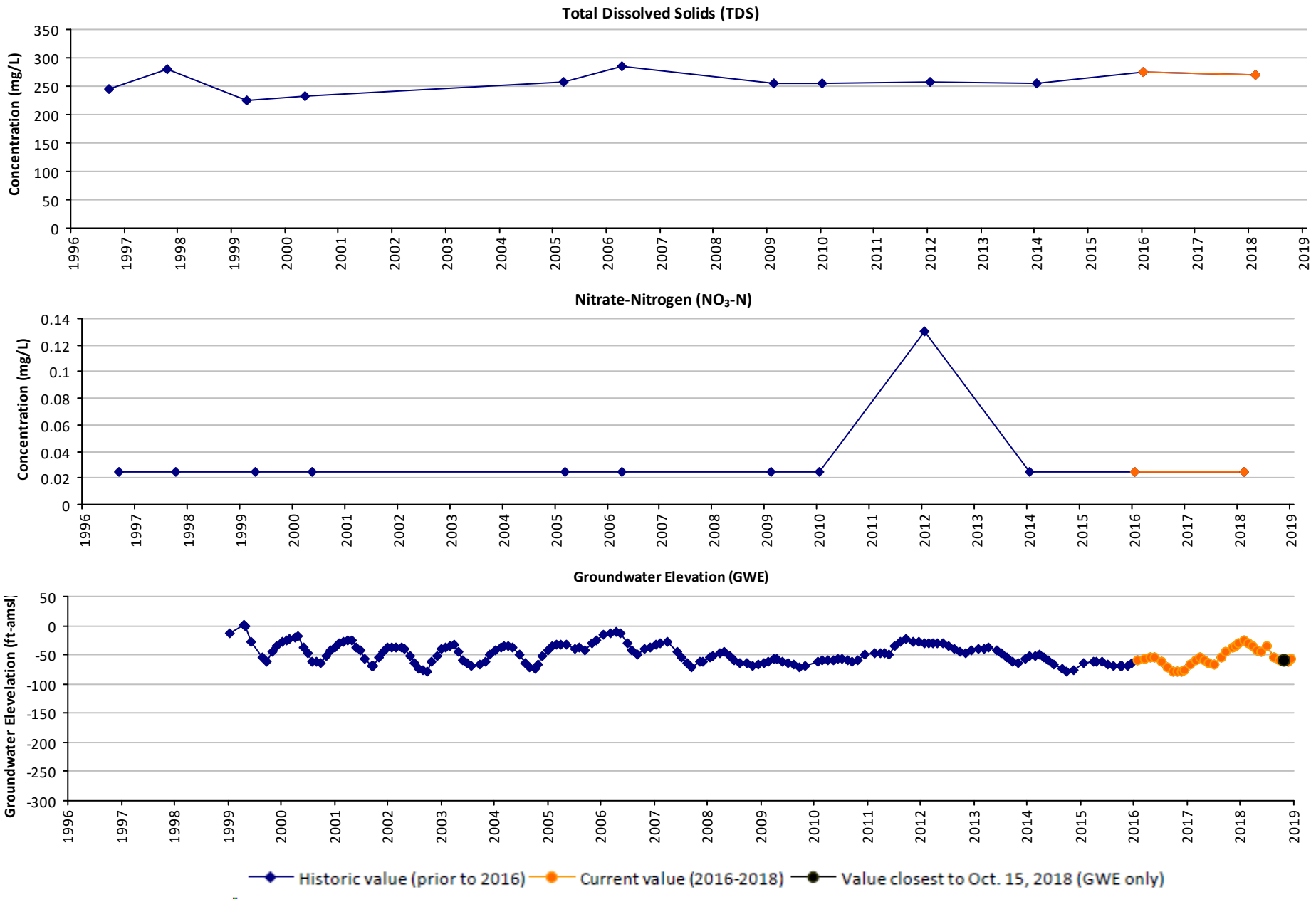
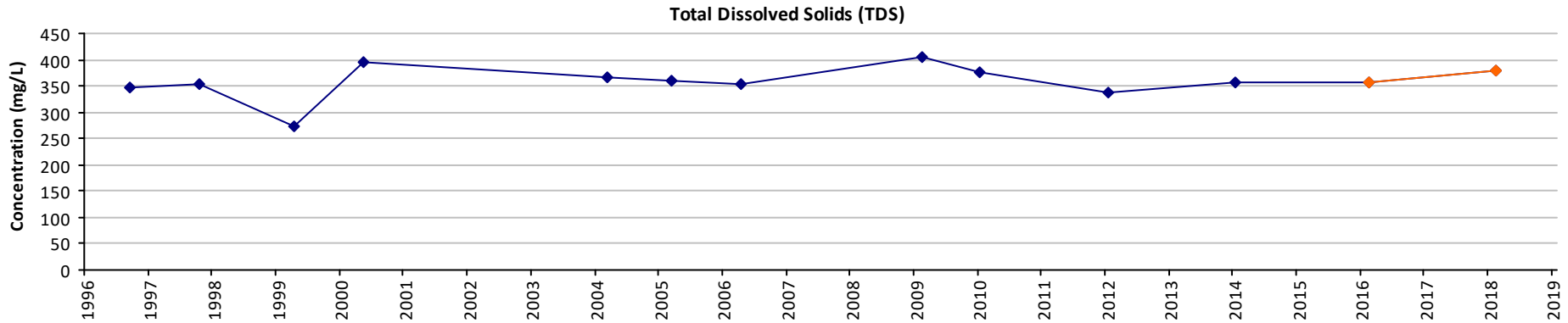
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
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250
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150
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1996
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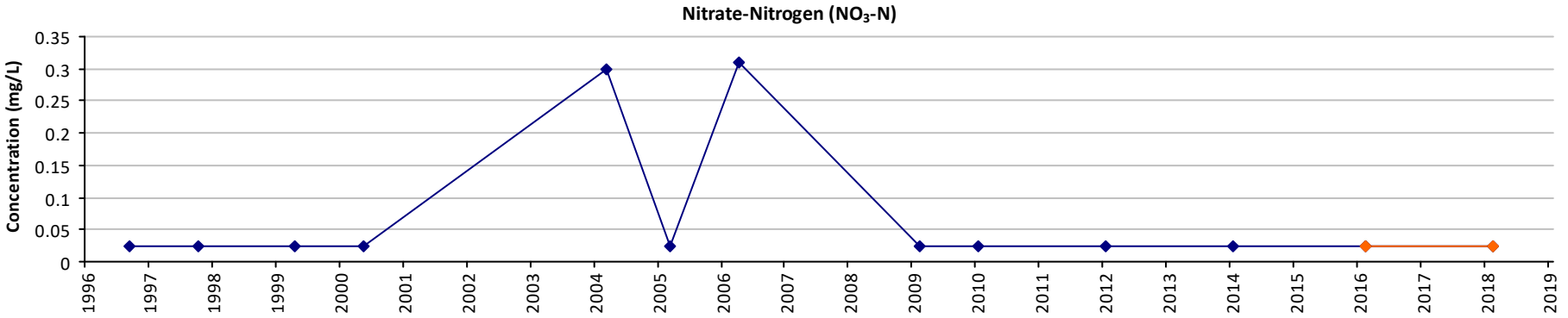
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
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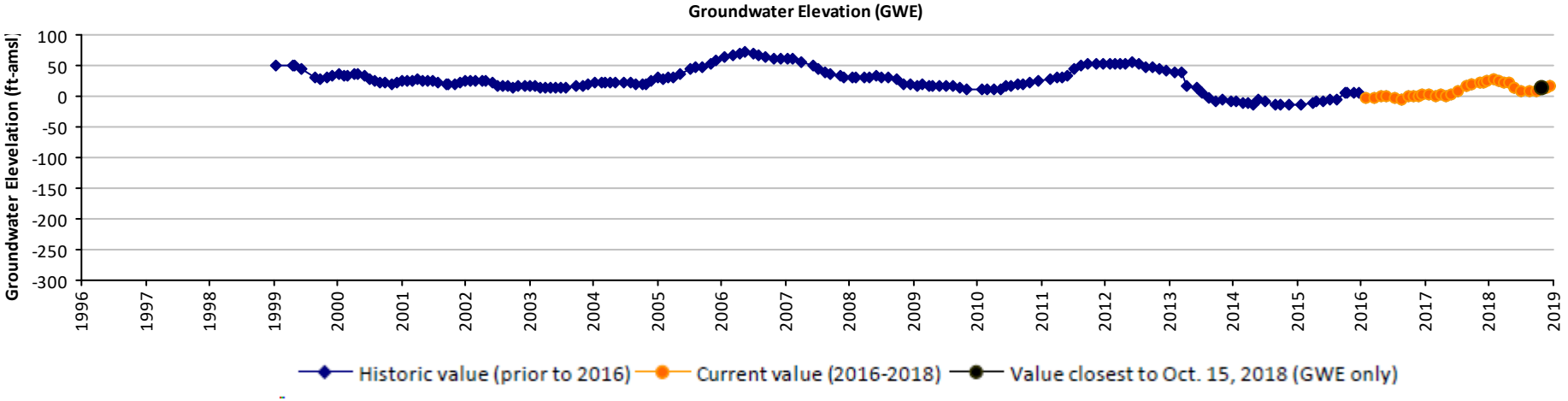
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
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-150
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1996
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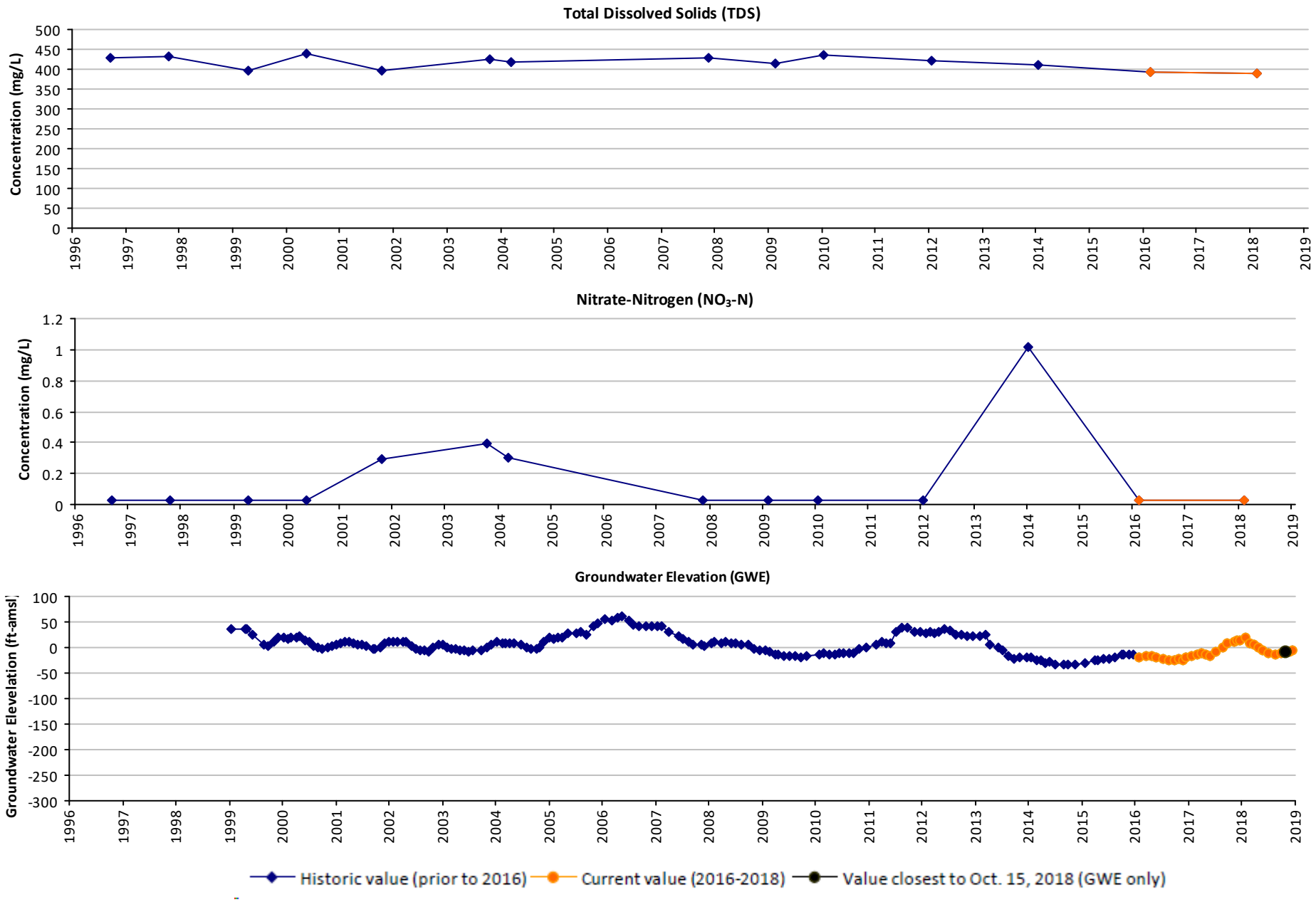
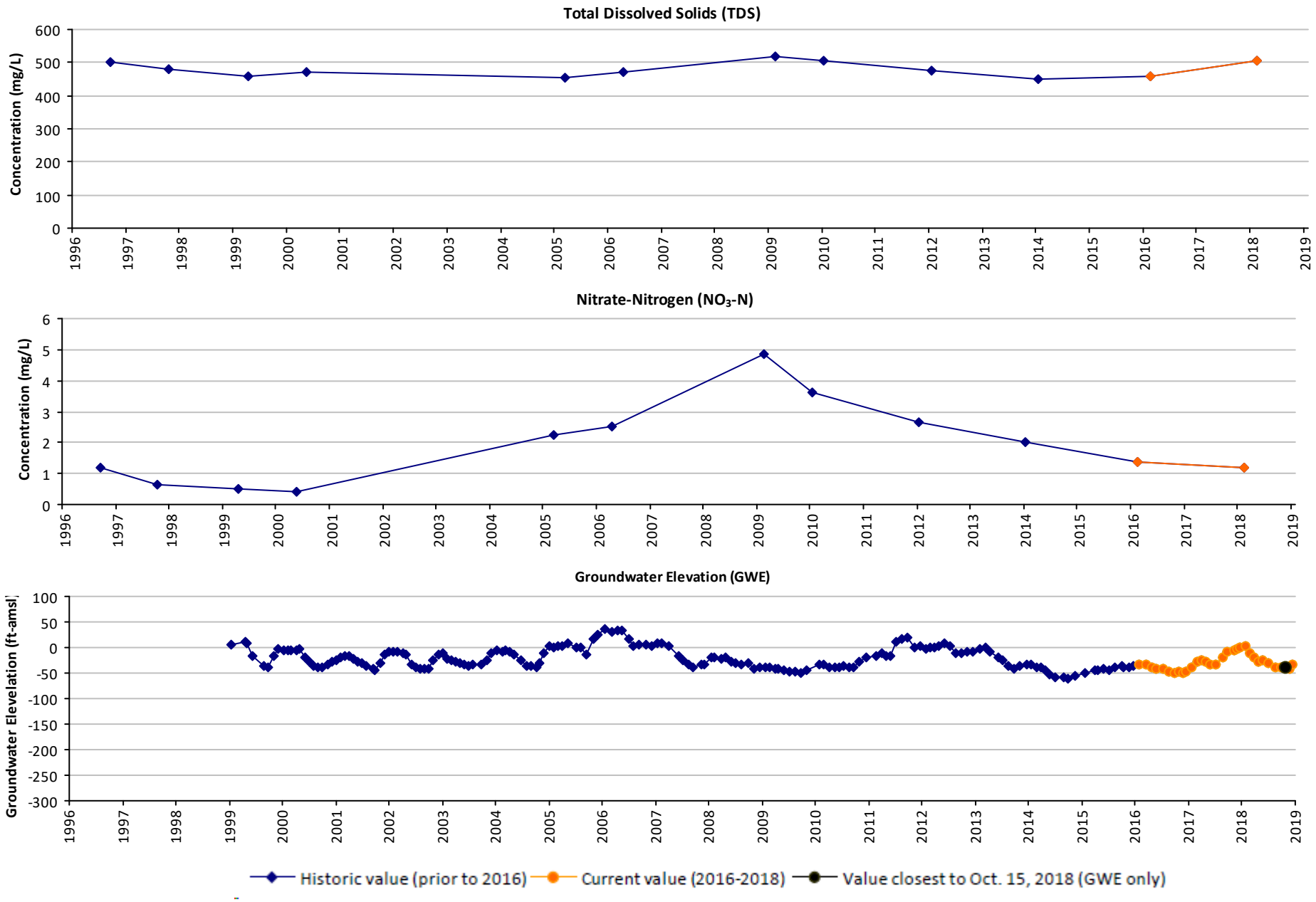
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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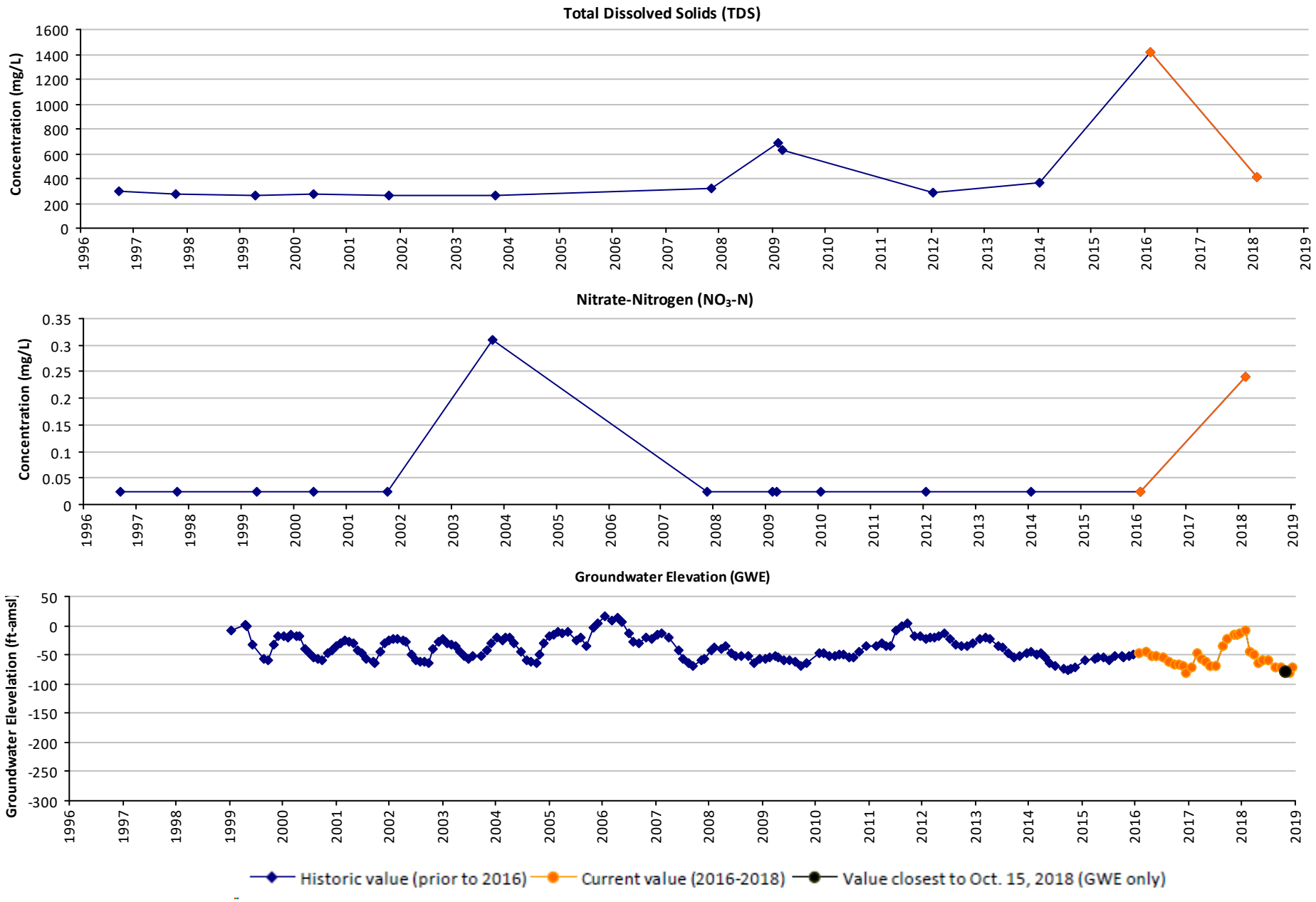
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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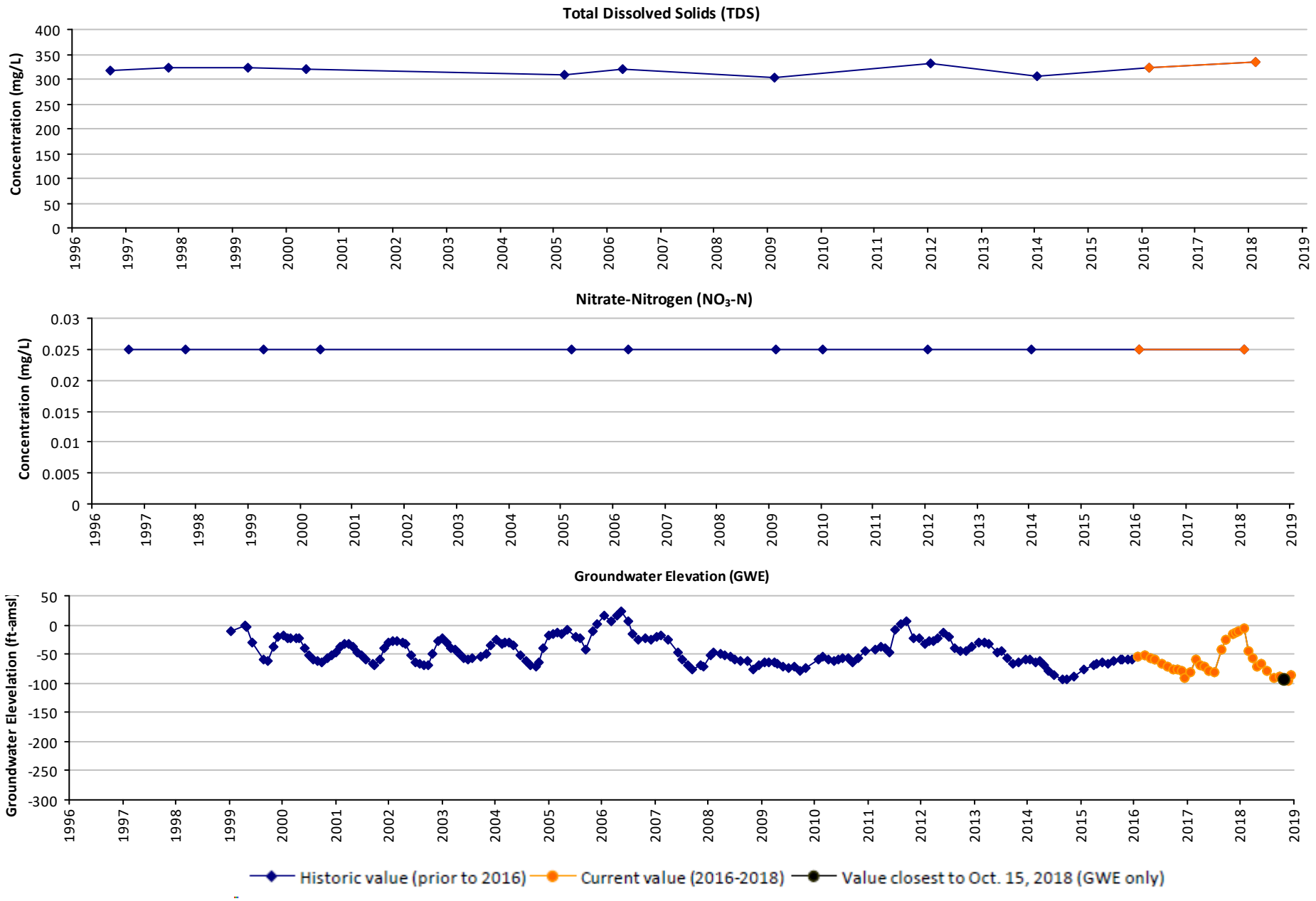
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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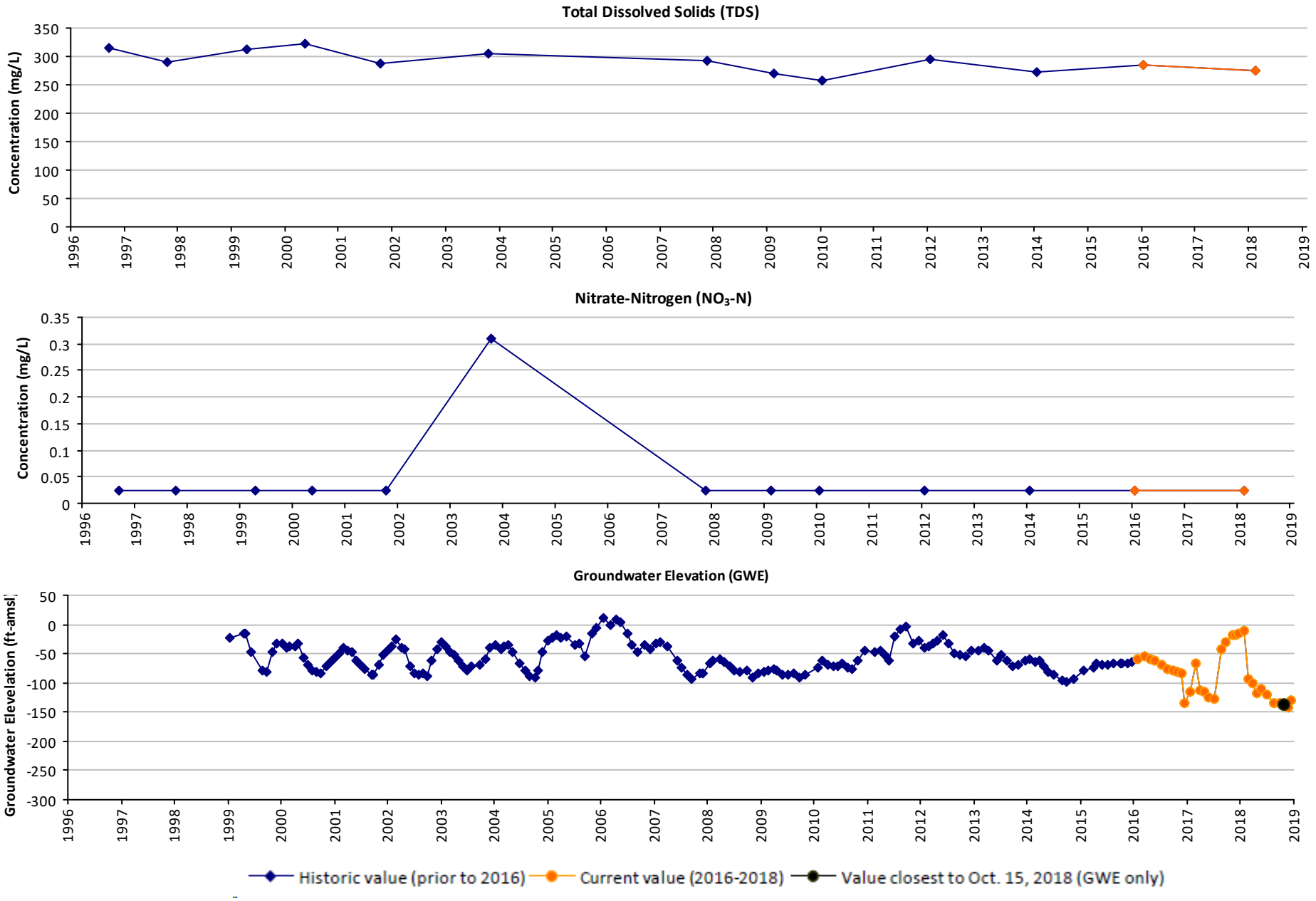
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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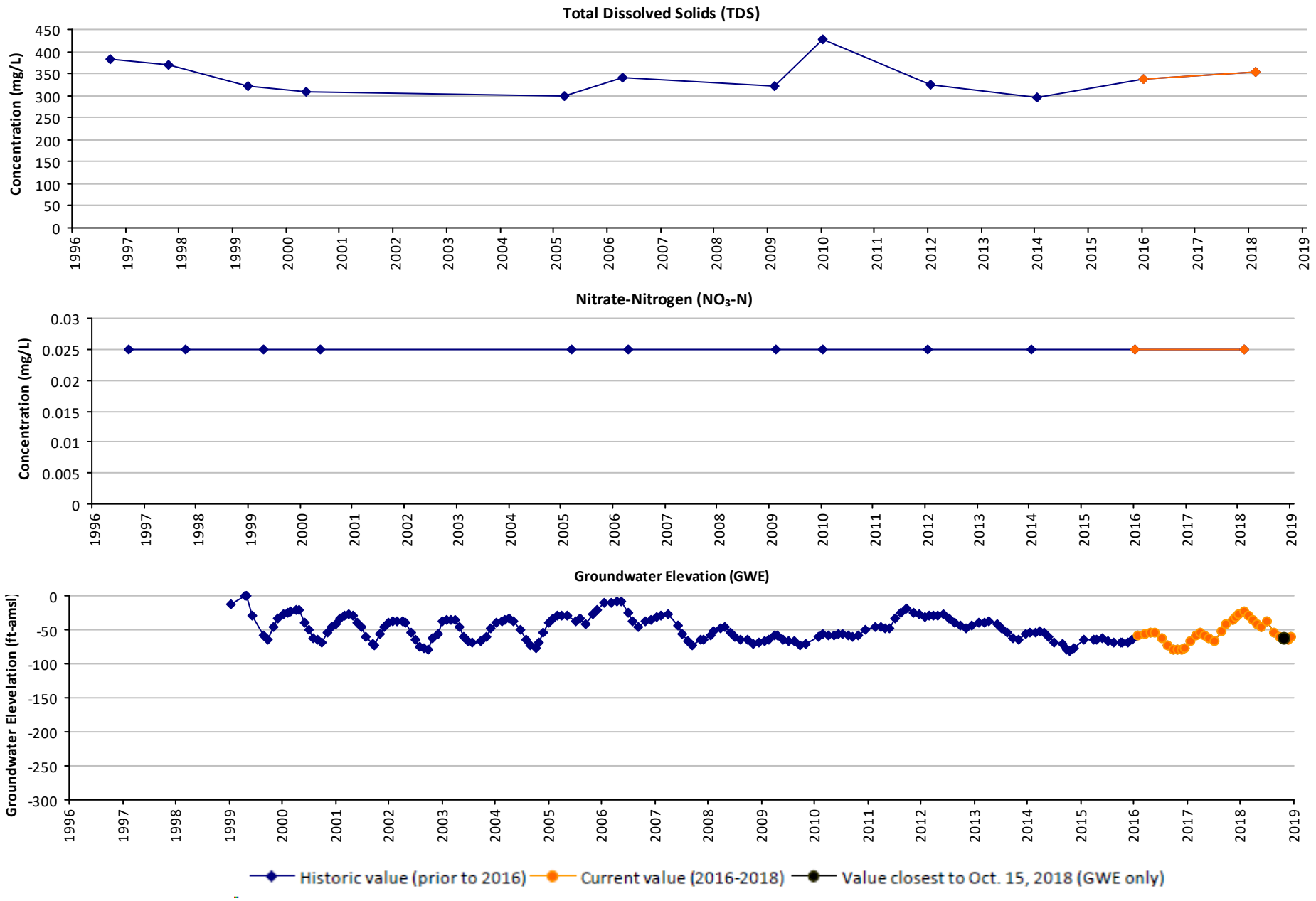
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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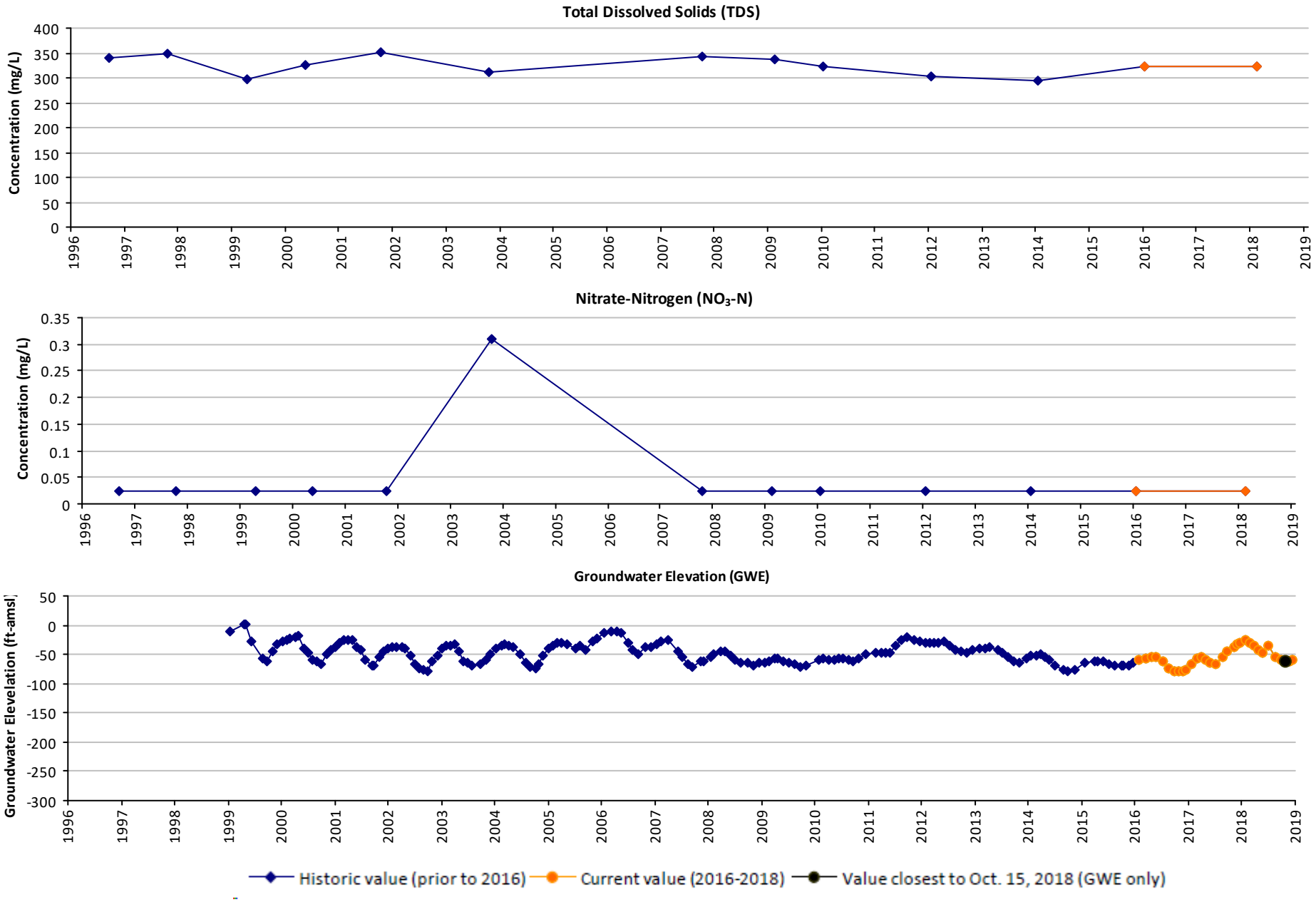
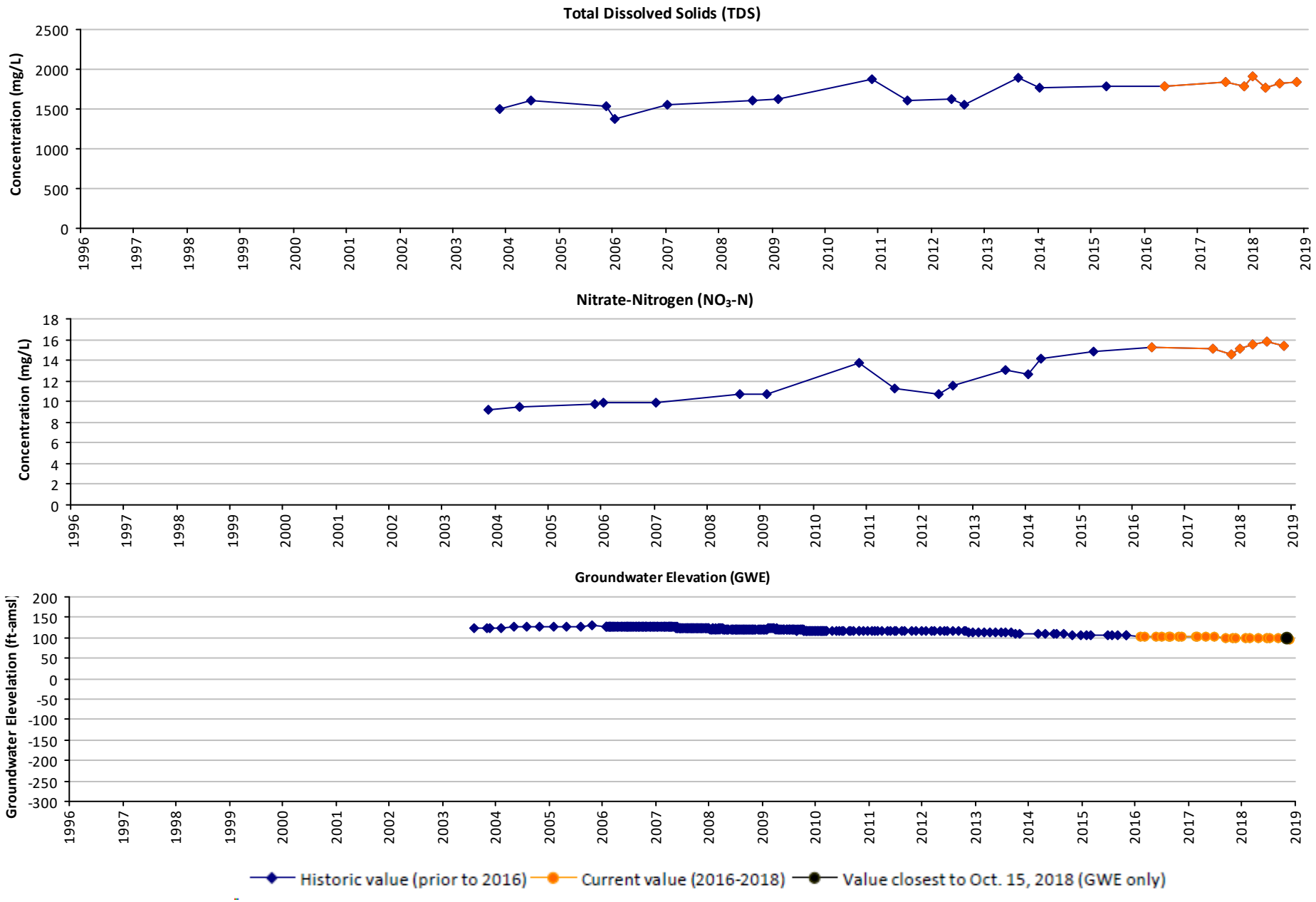
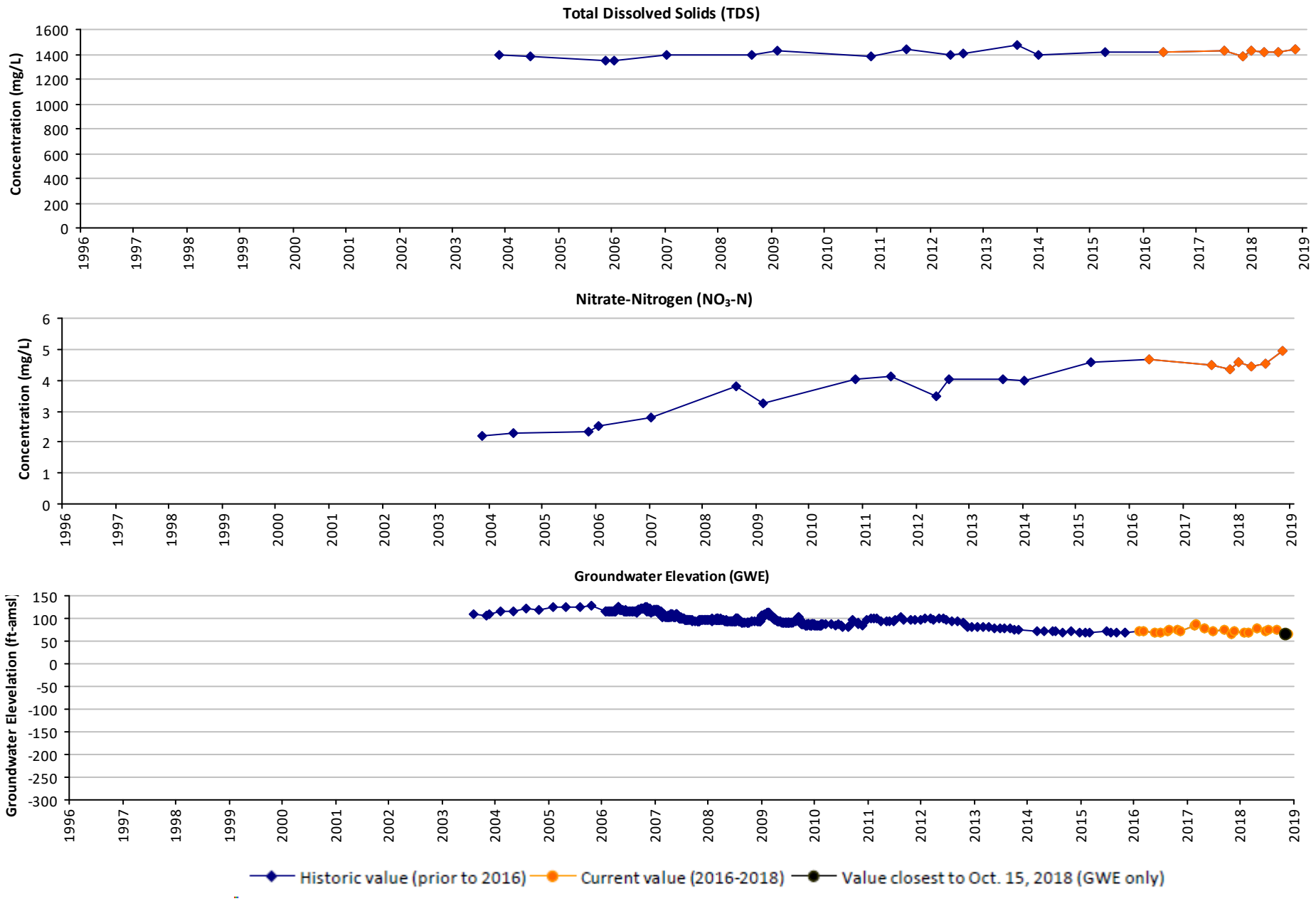
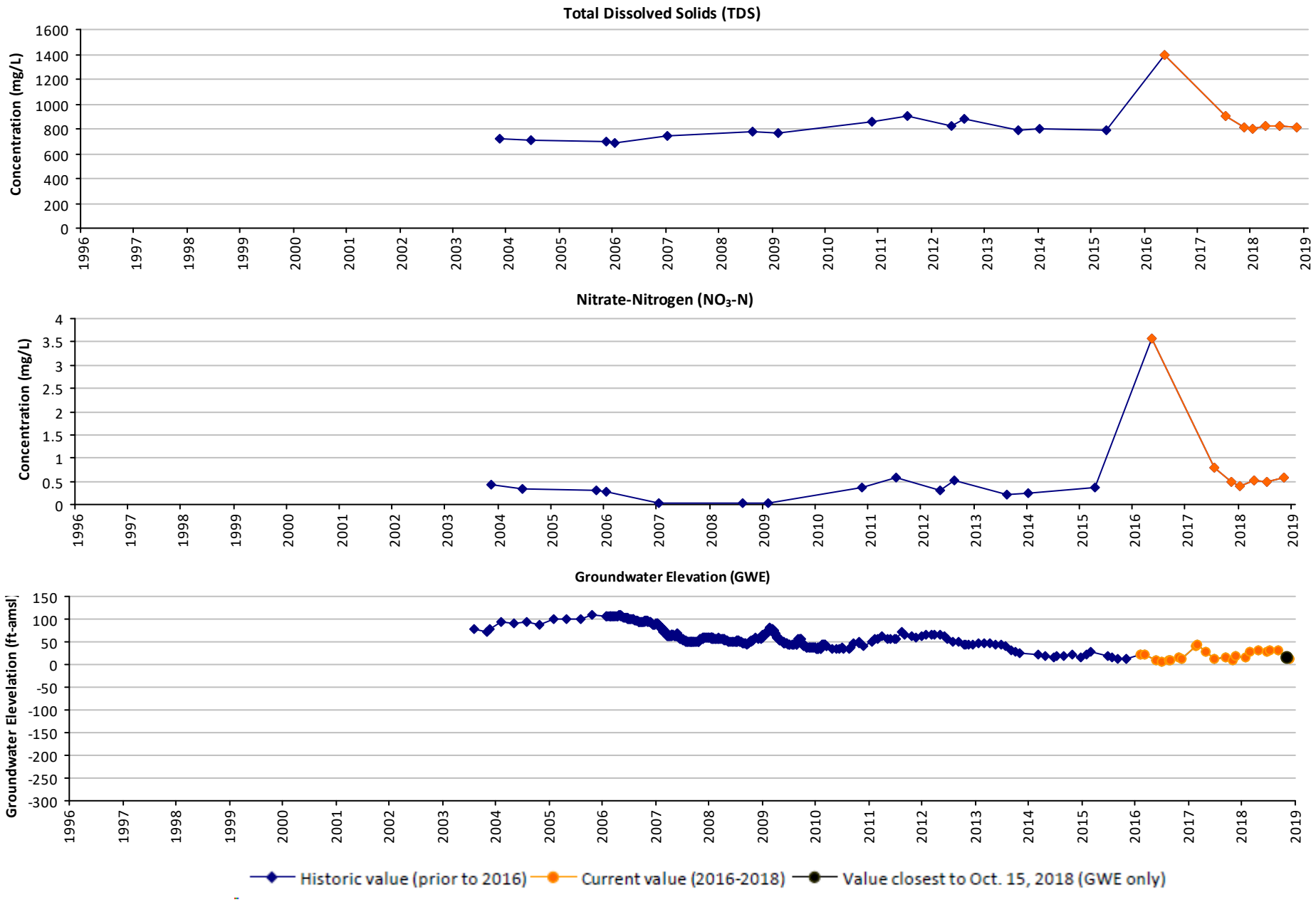

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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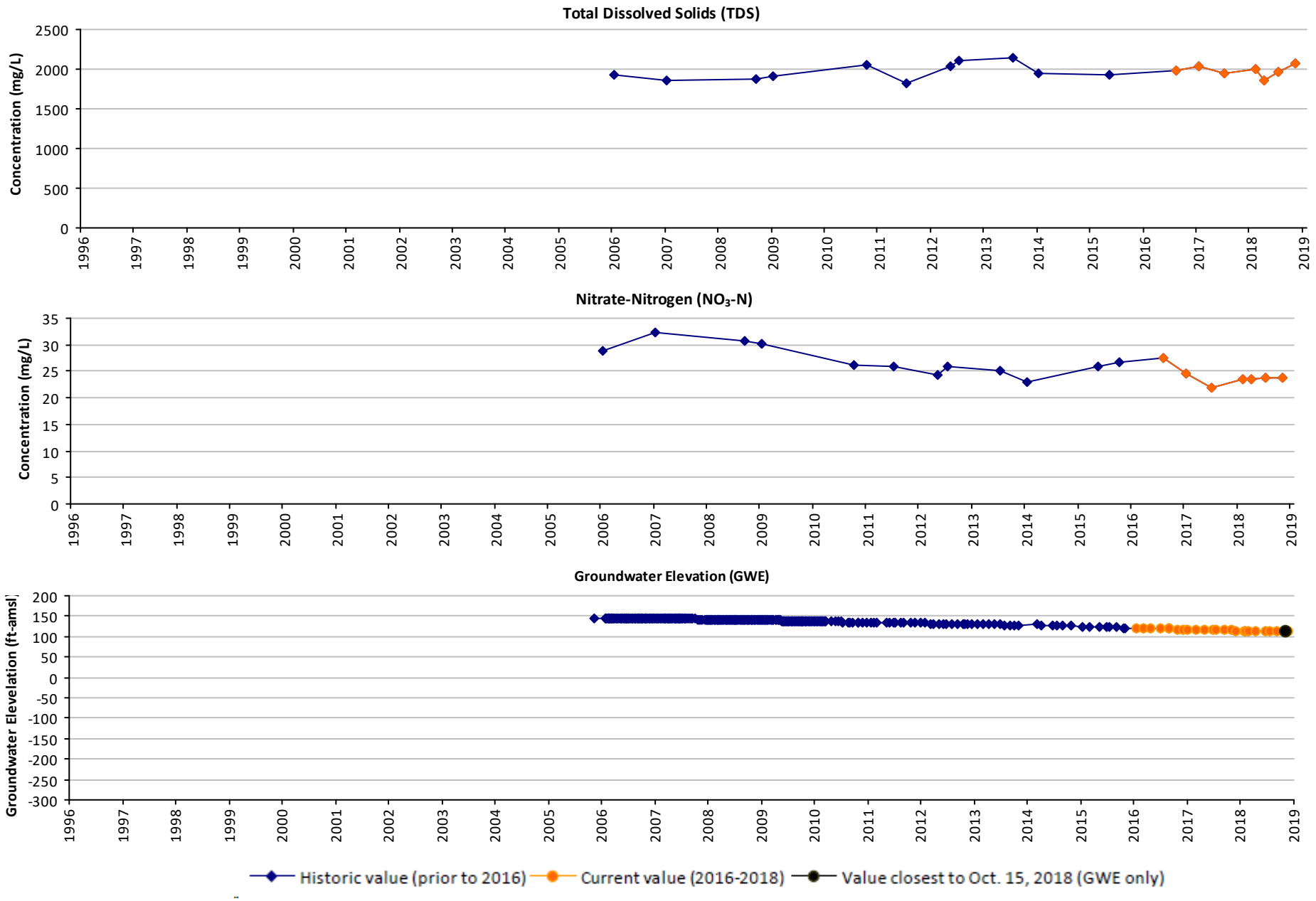
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
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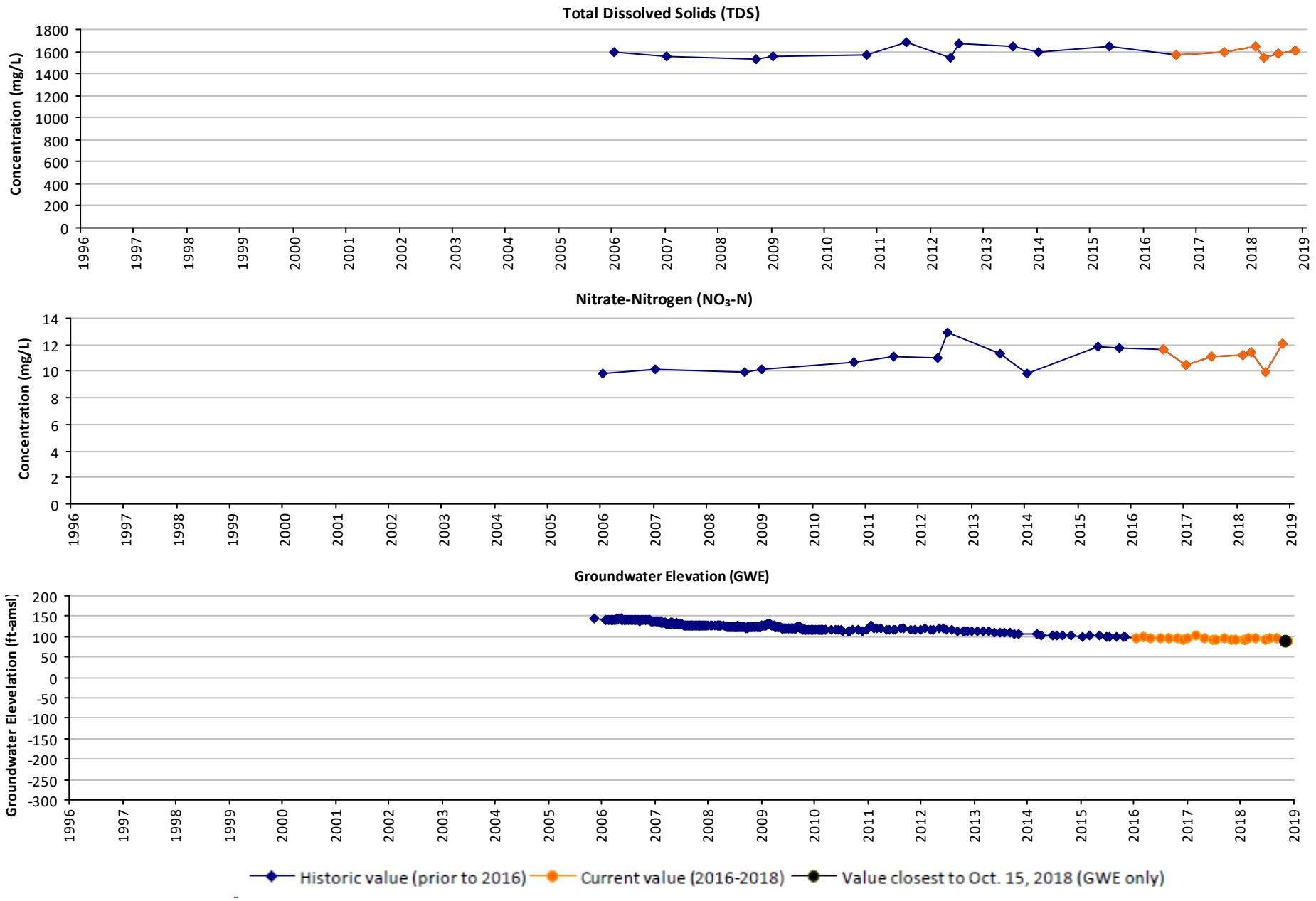
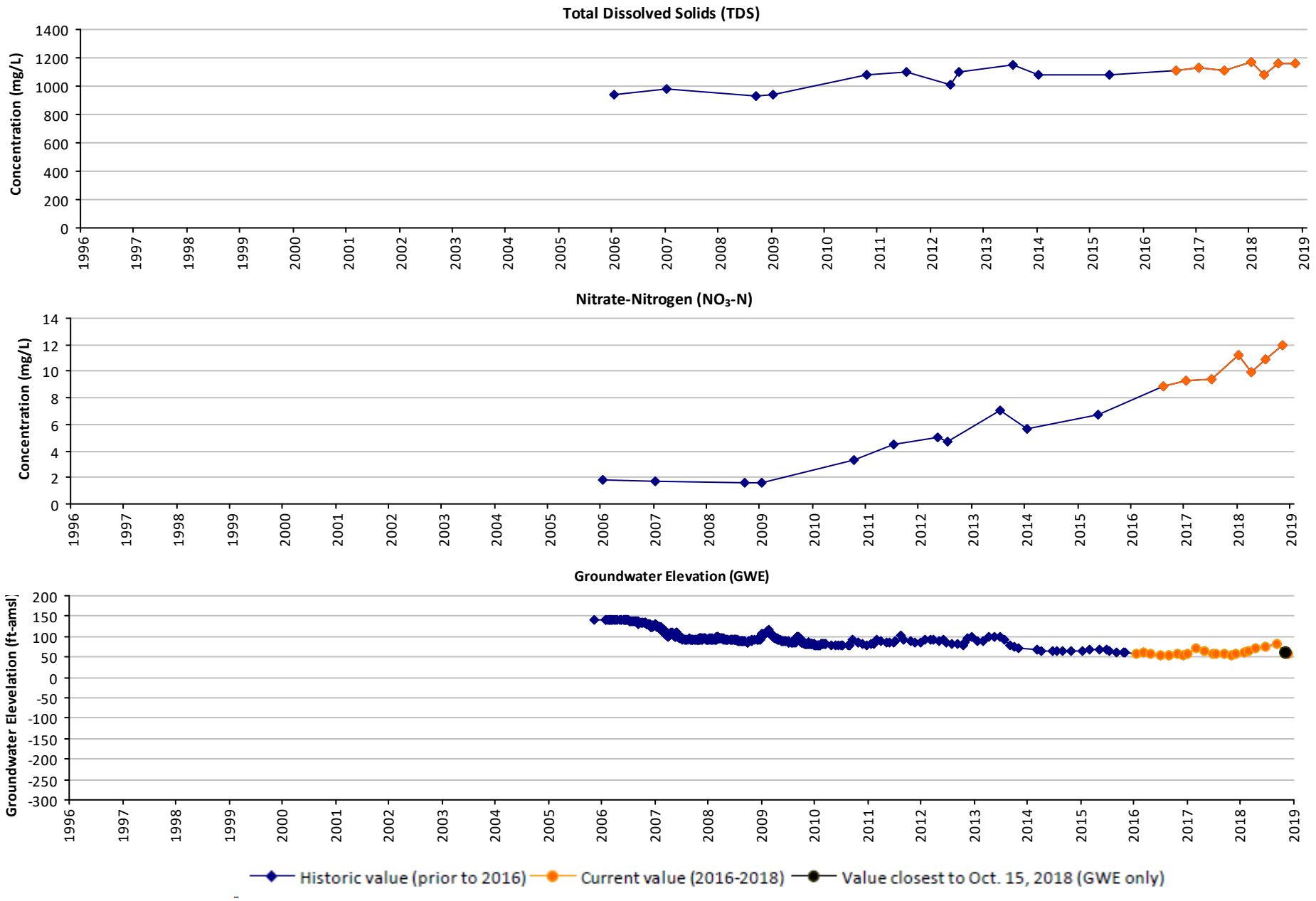

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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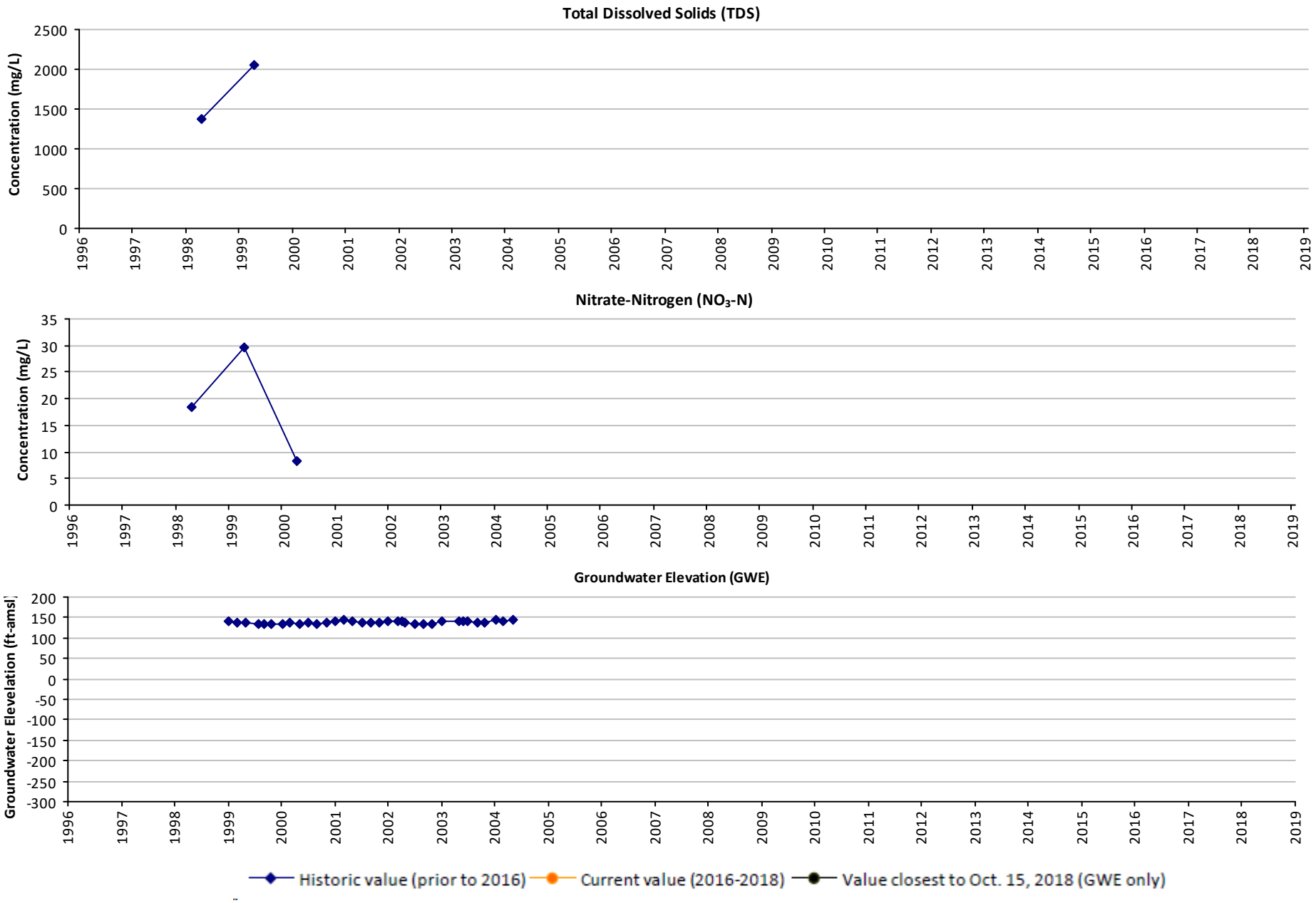
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
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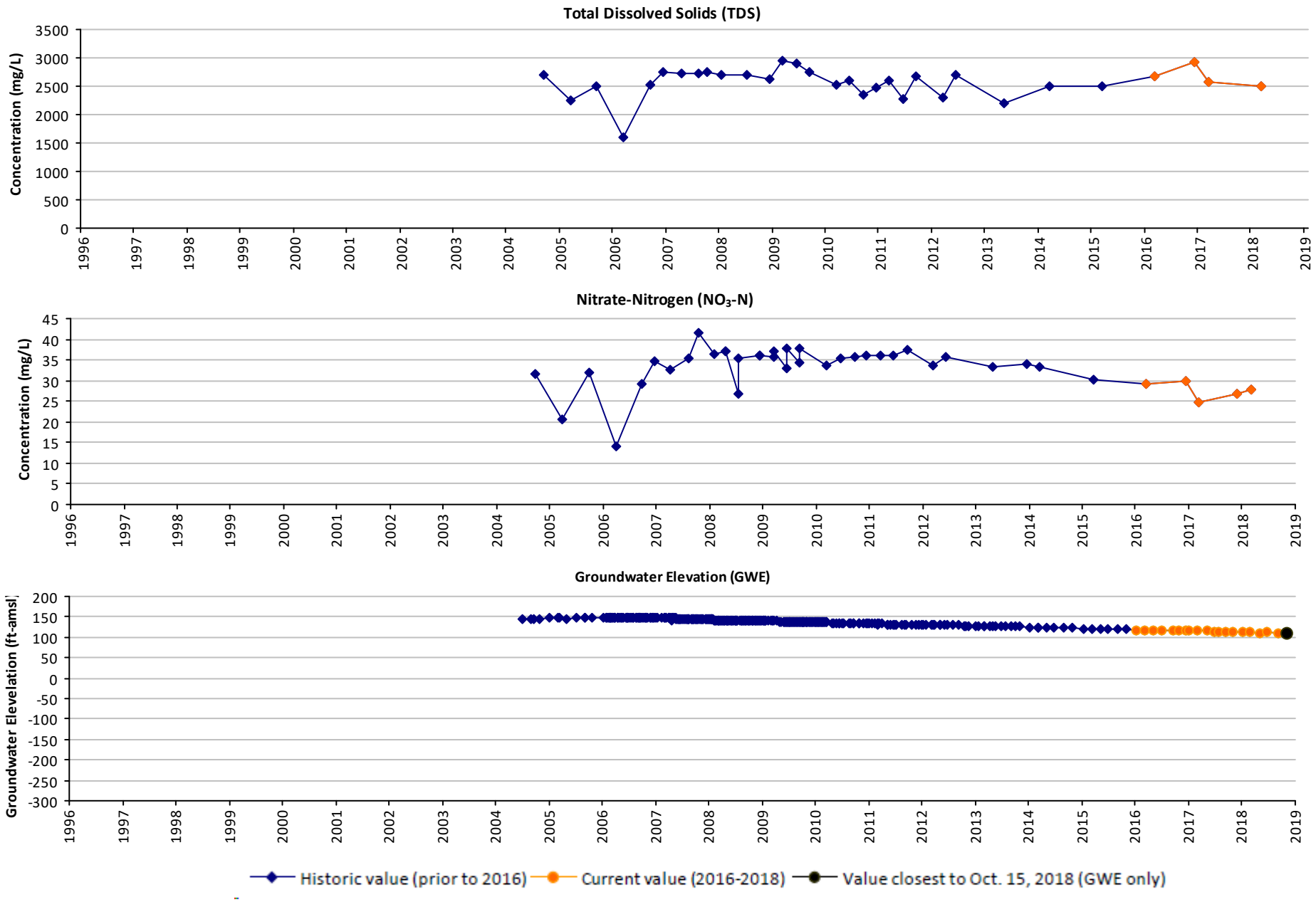
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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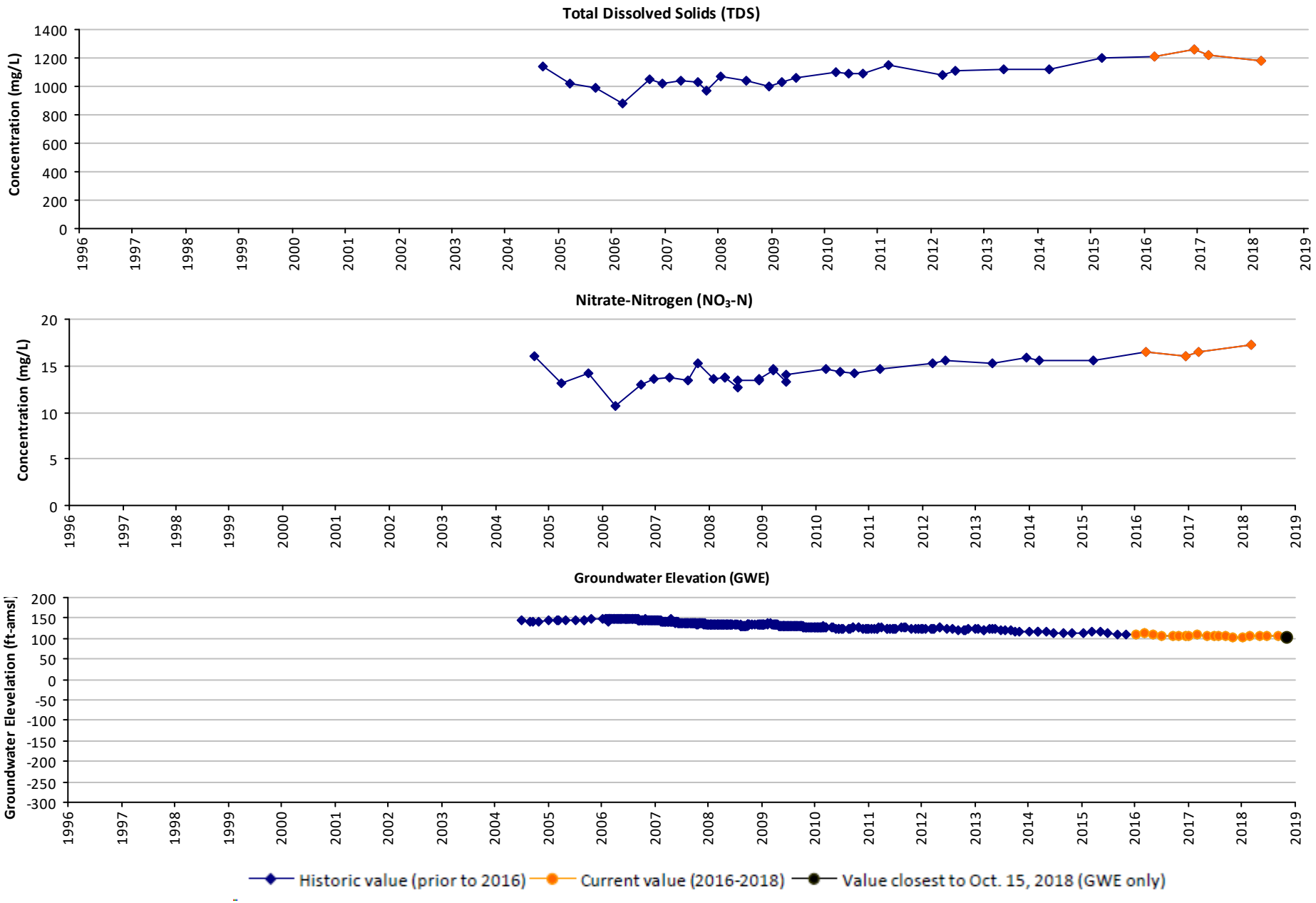
Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
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200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
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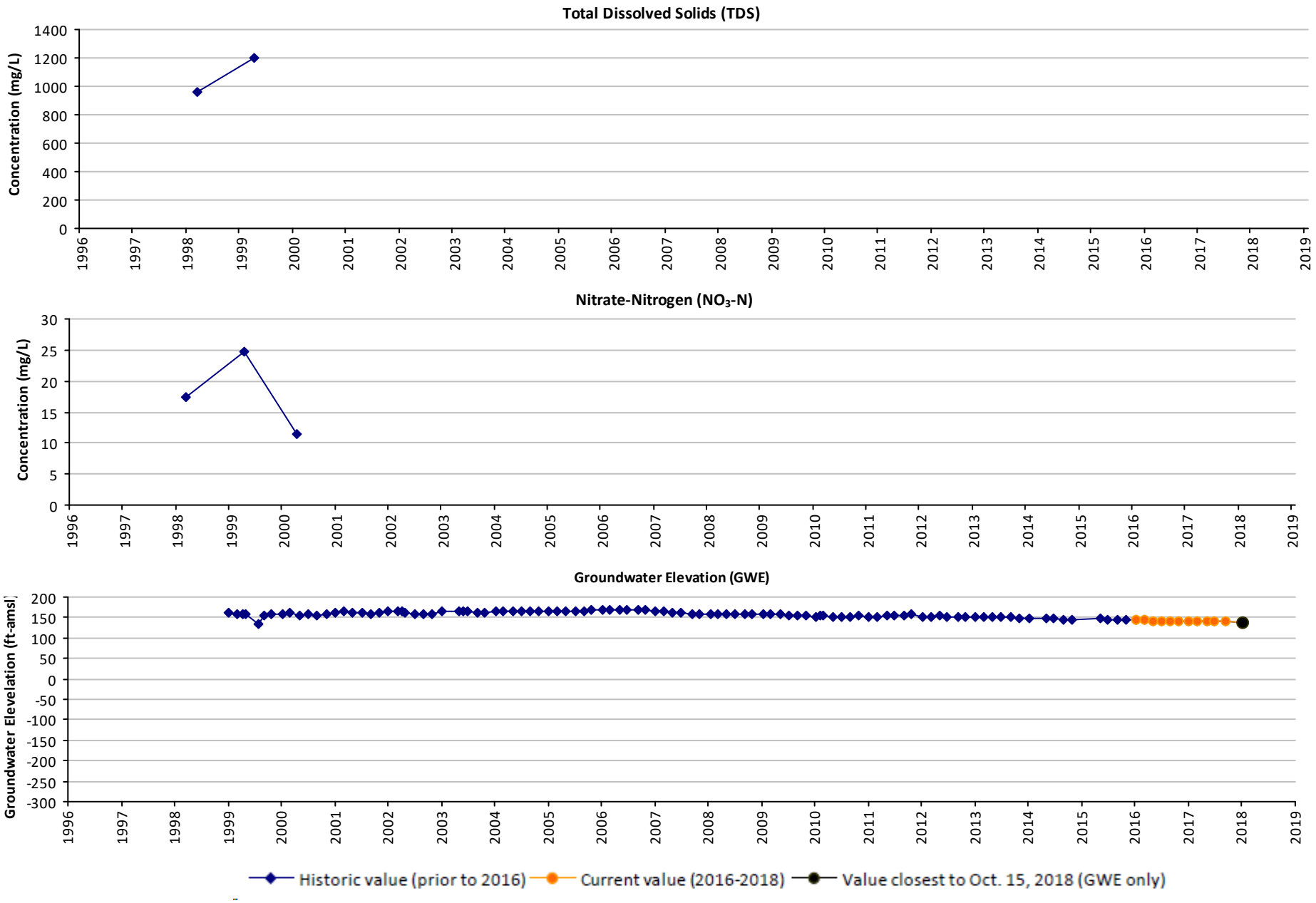
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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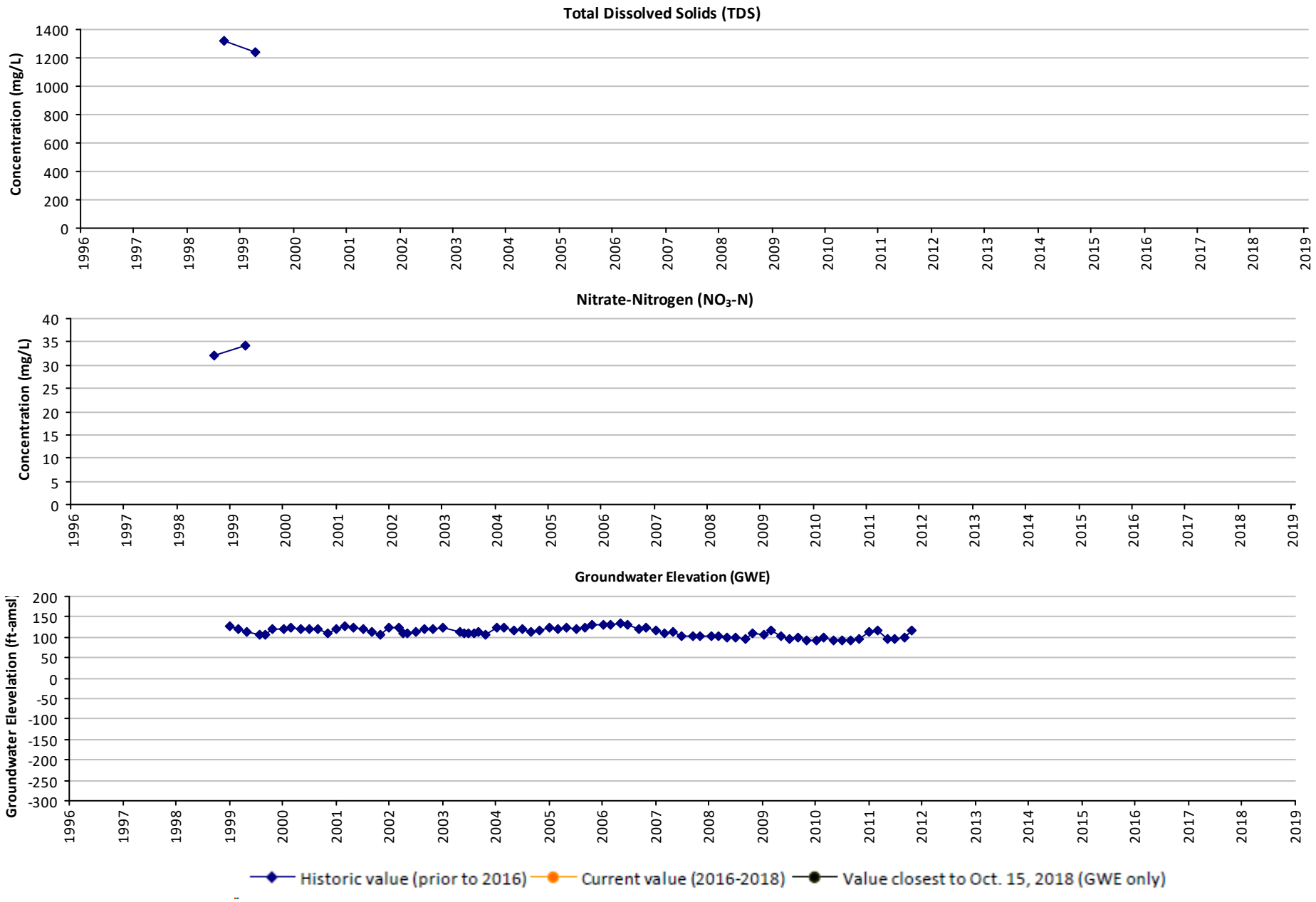
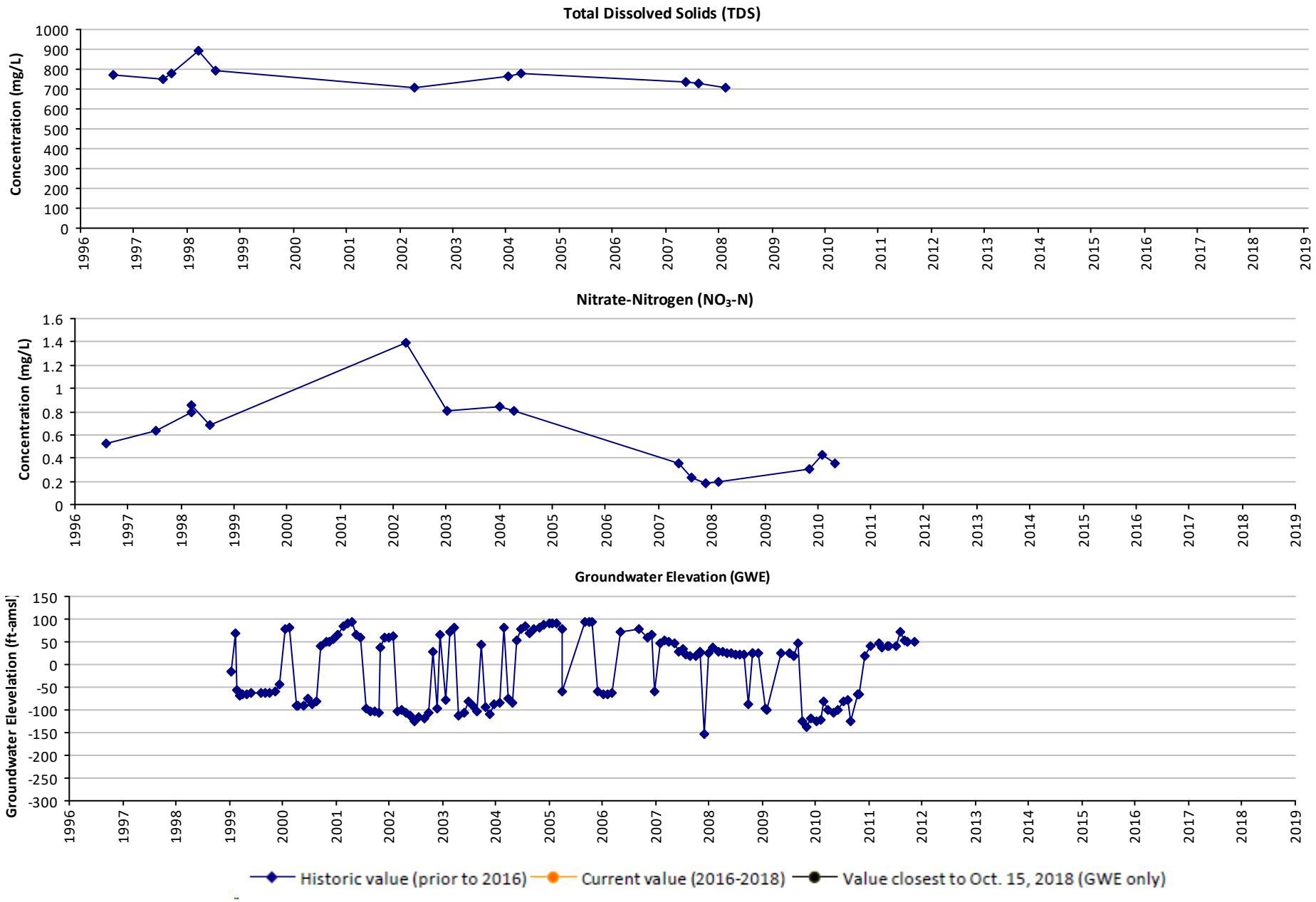

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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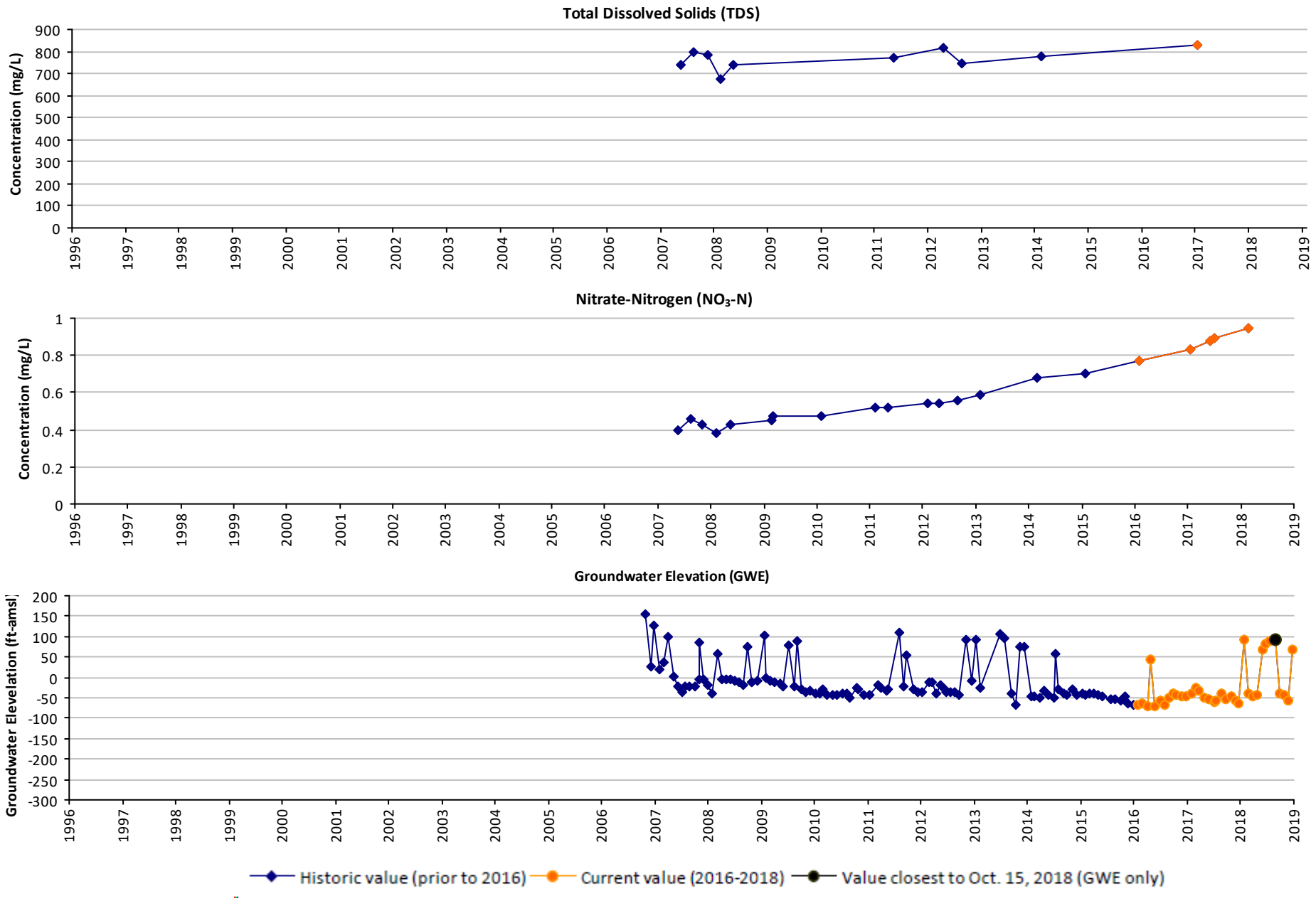
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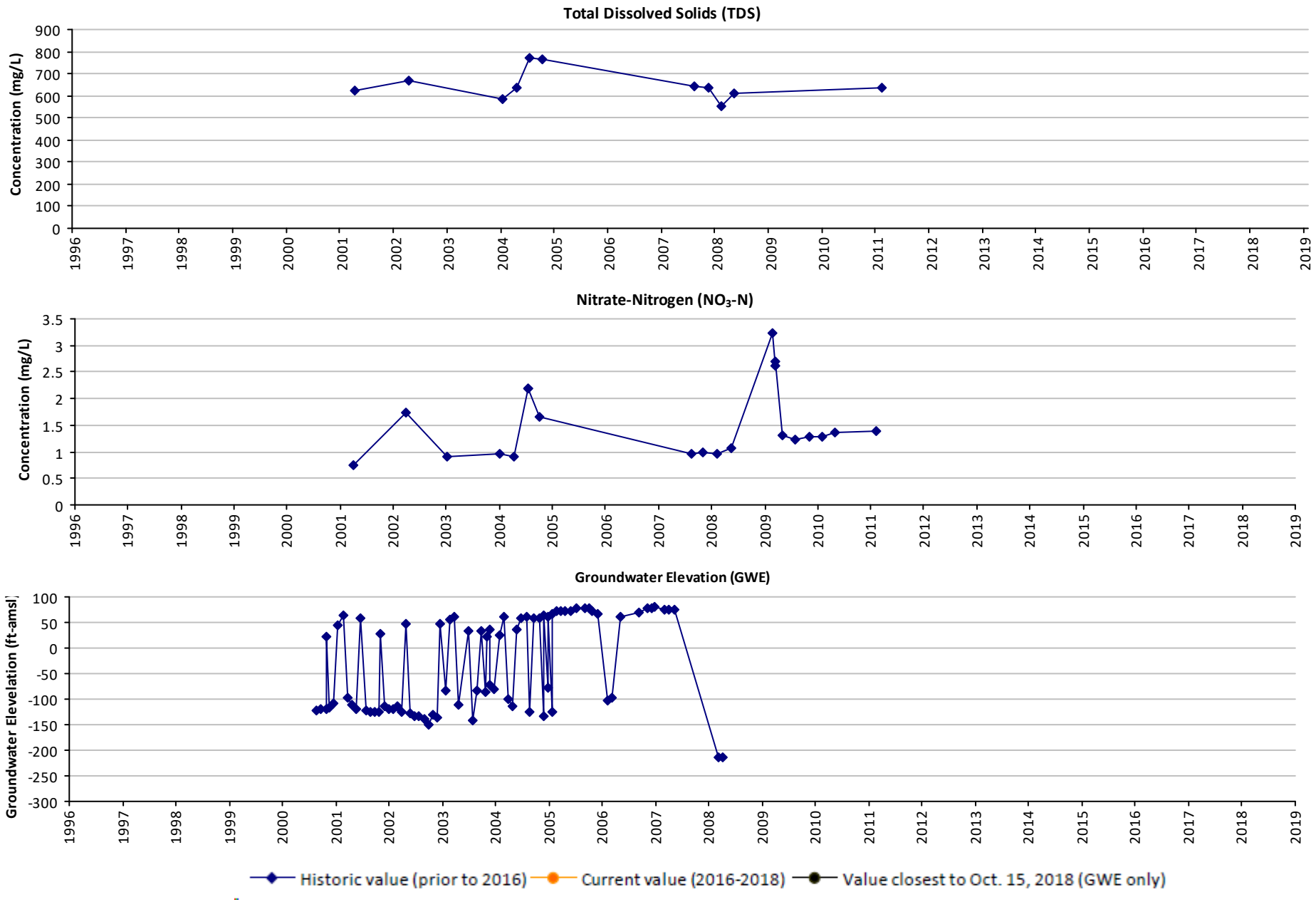
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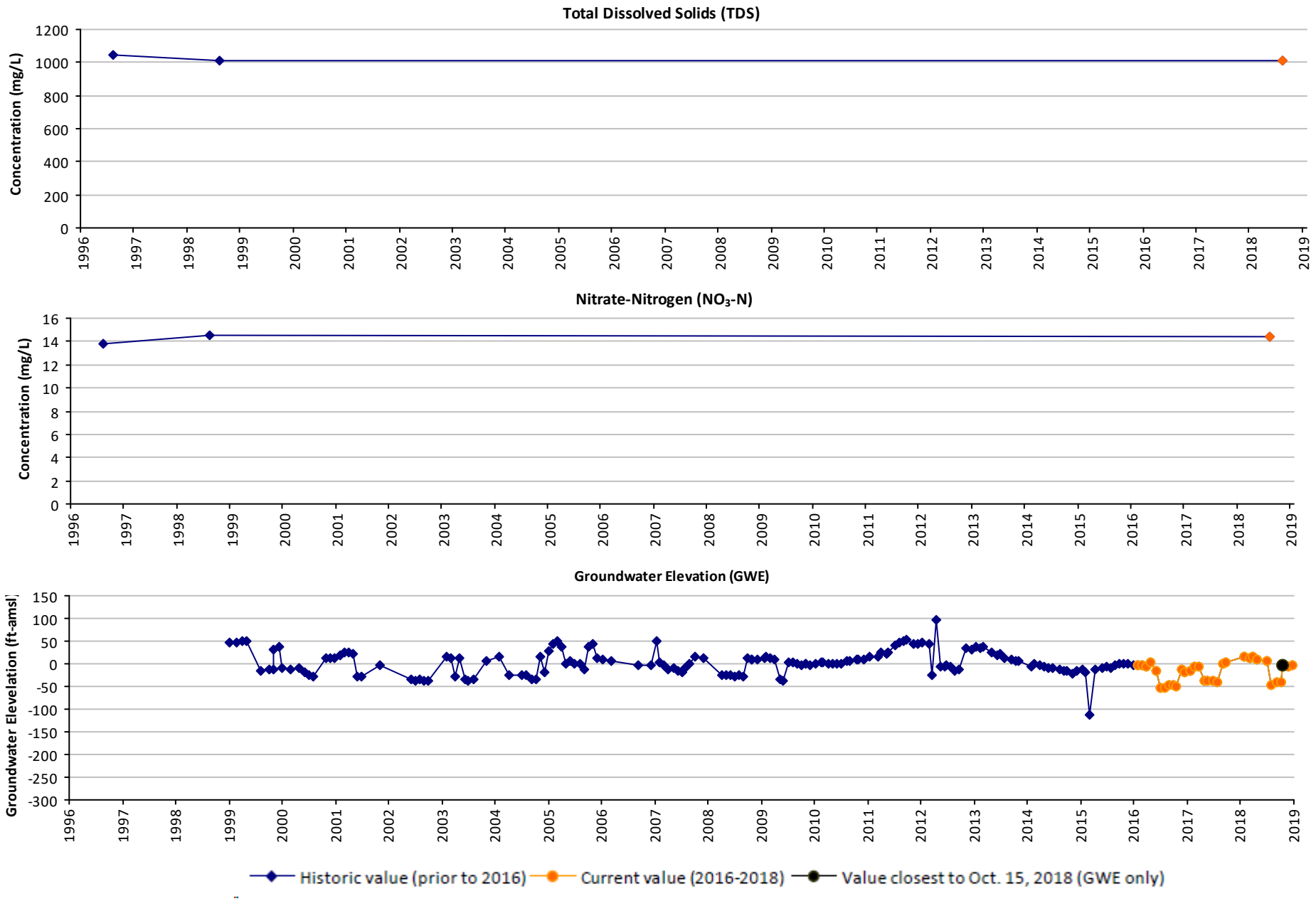
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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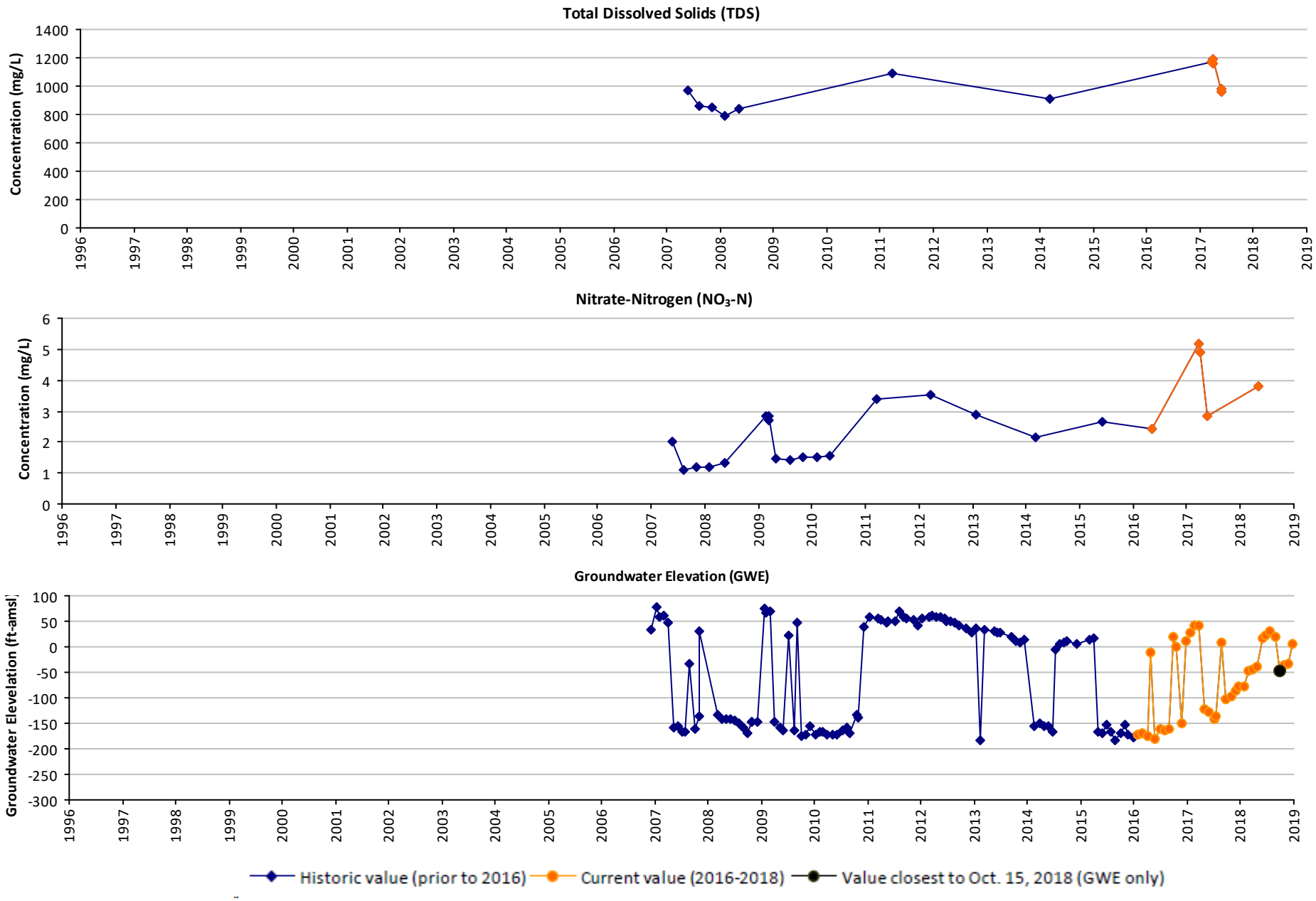
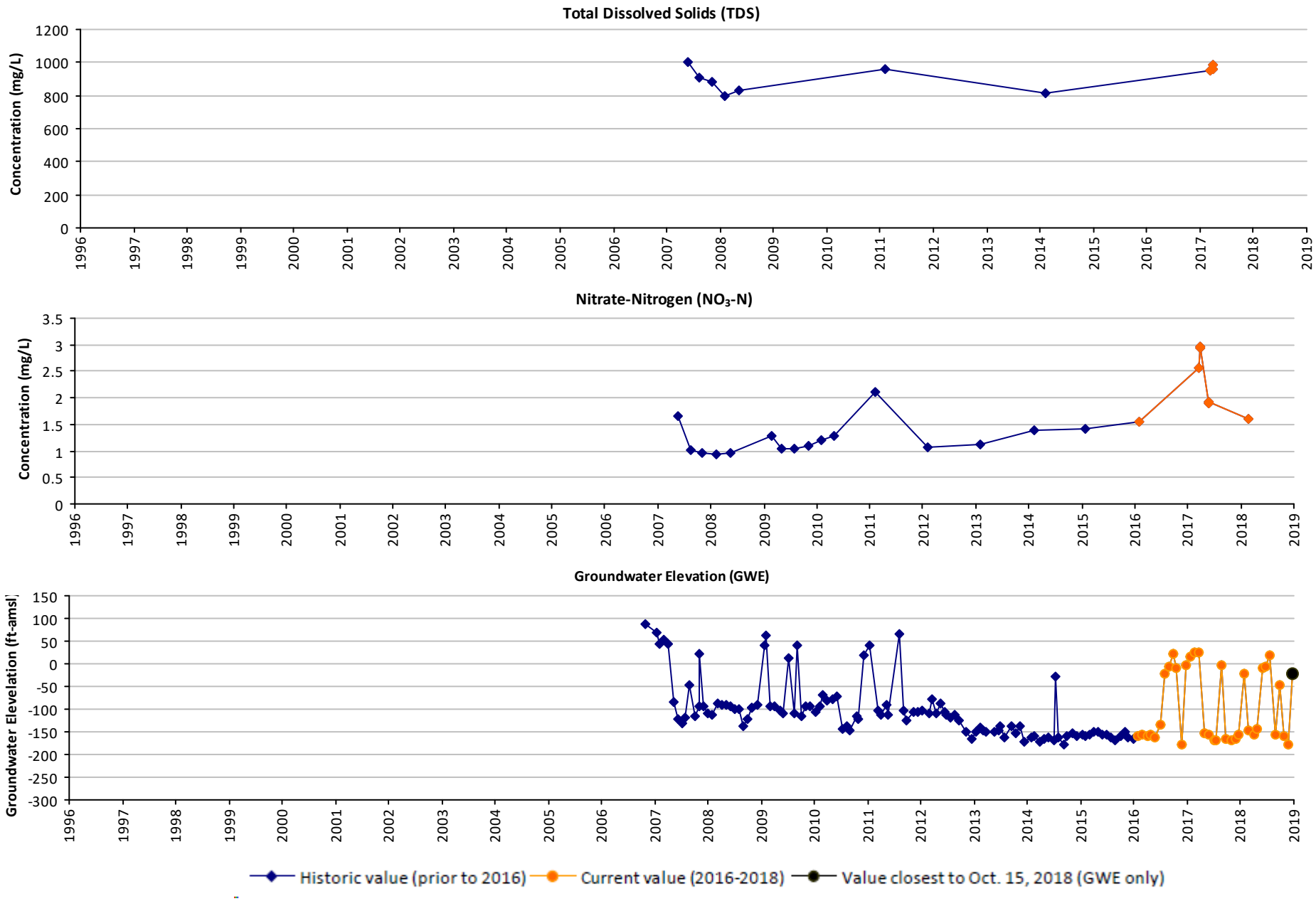
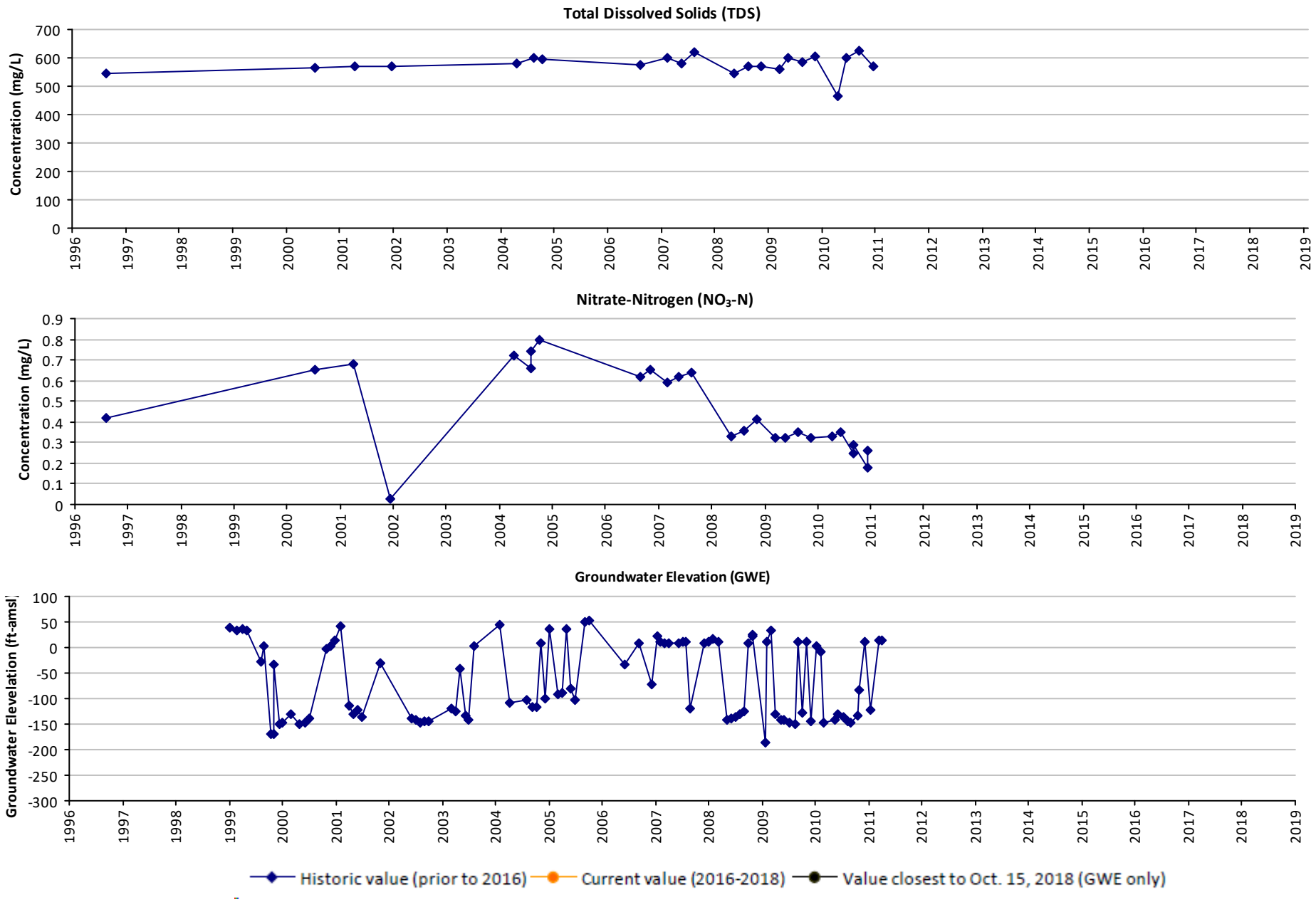
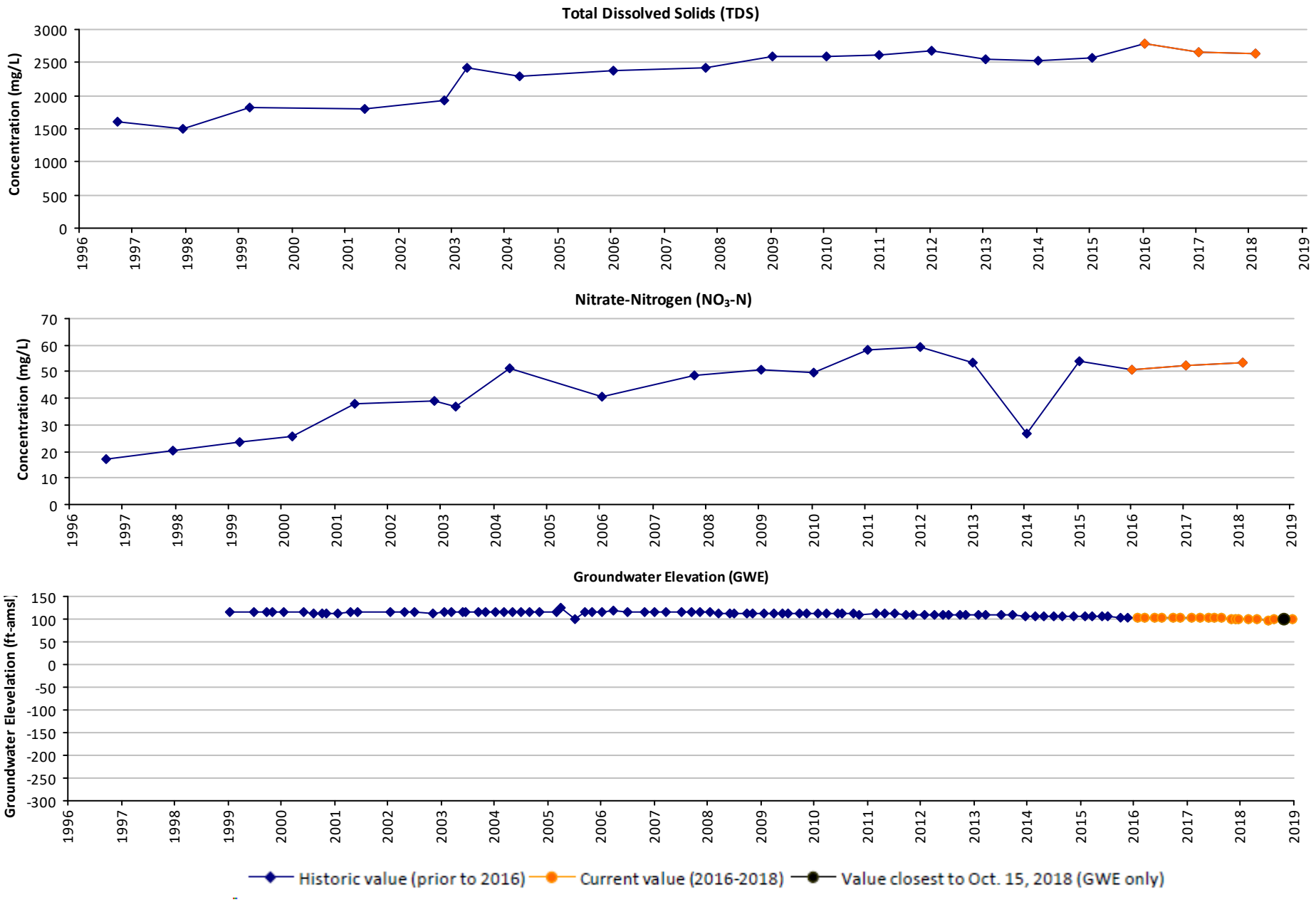
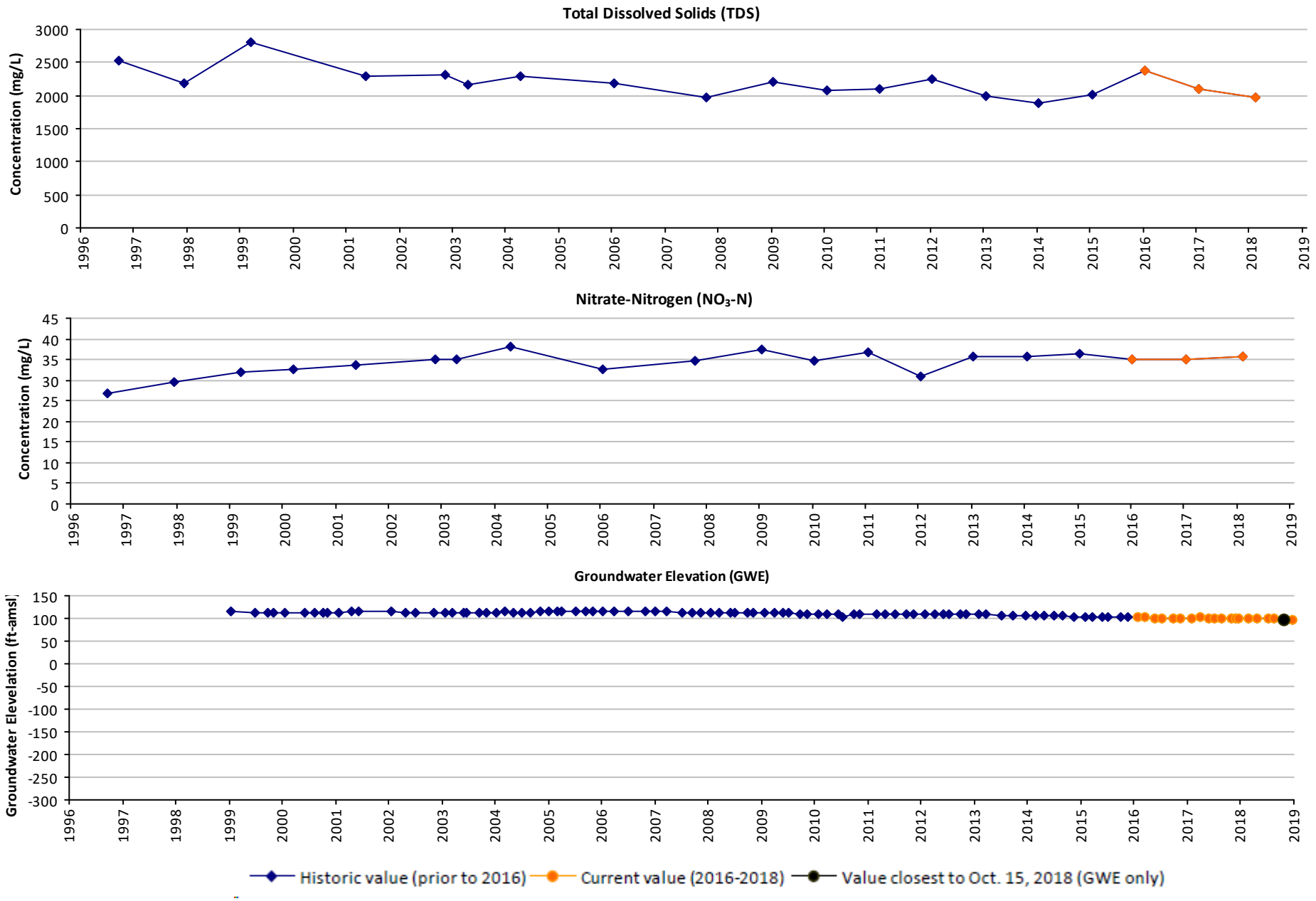
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

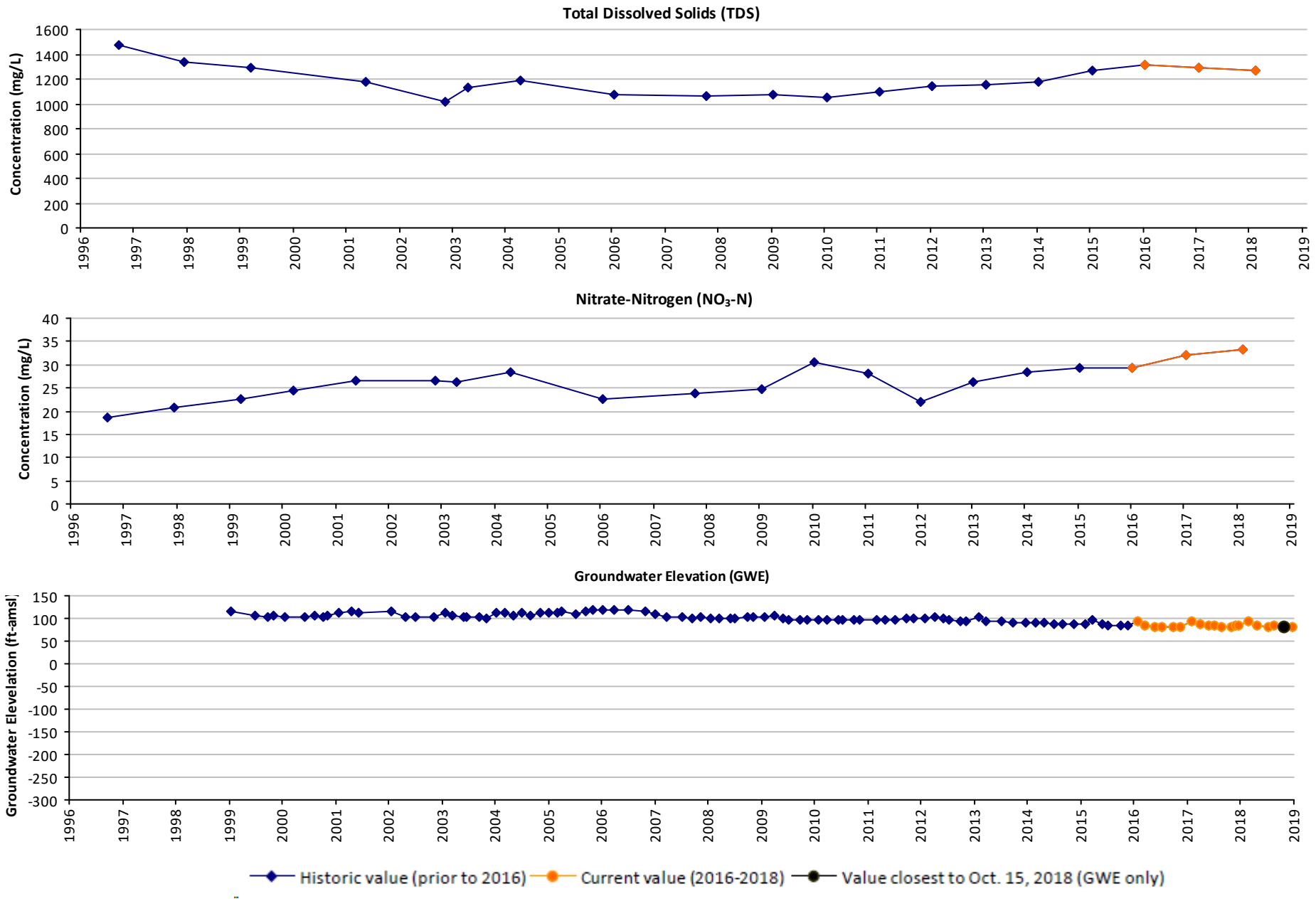

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

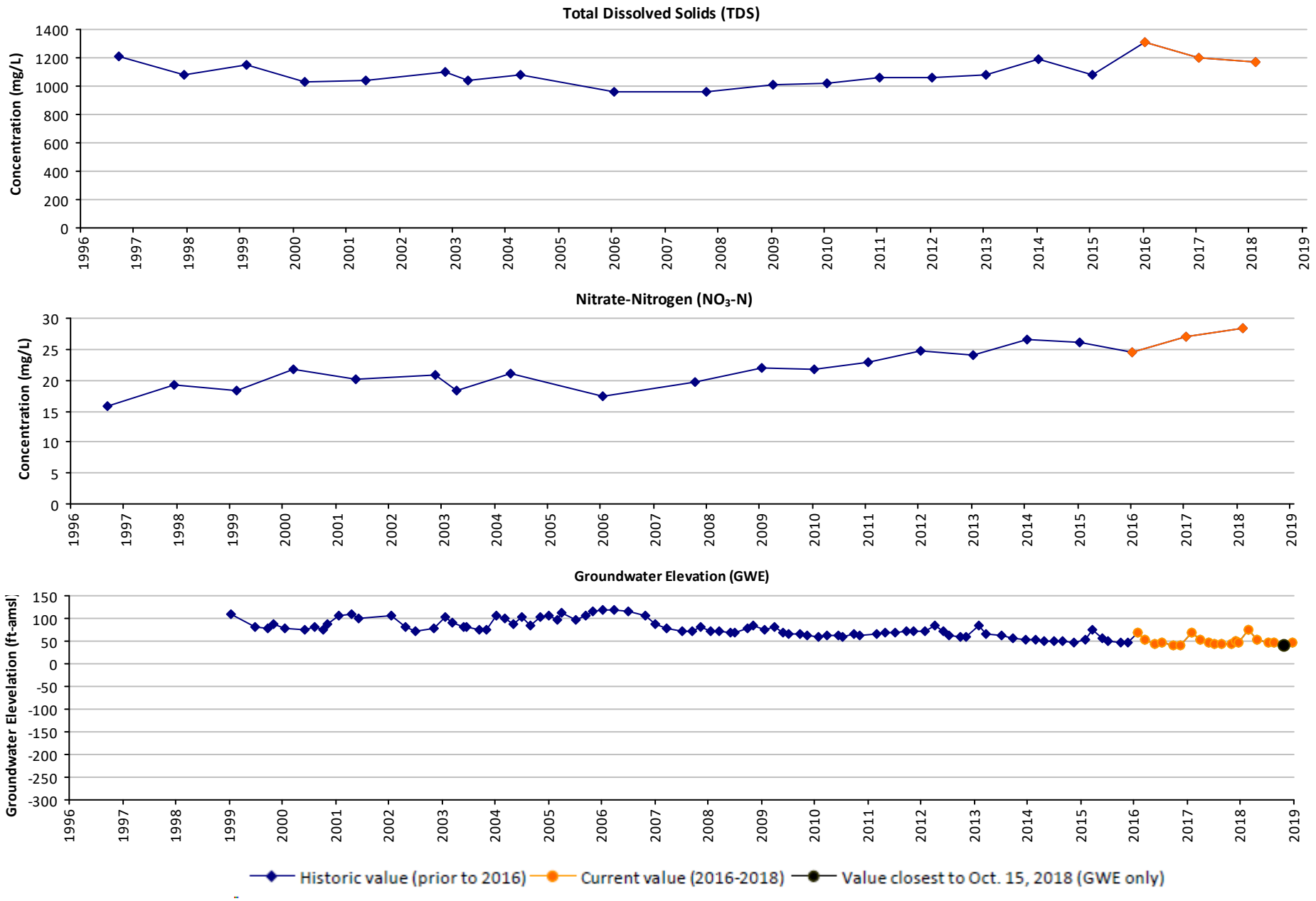

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
45
40
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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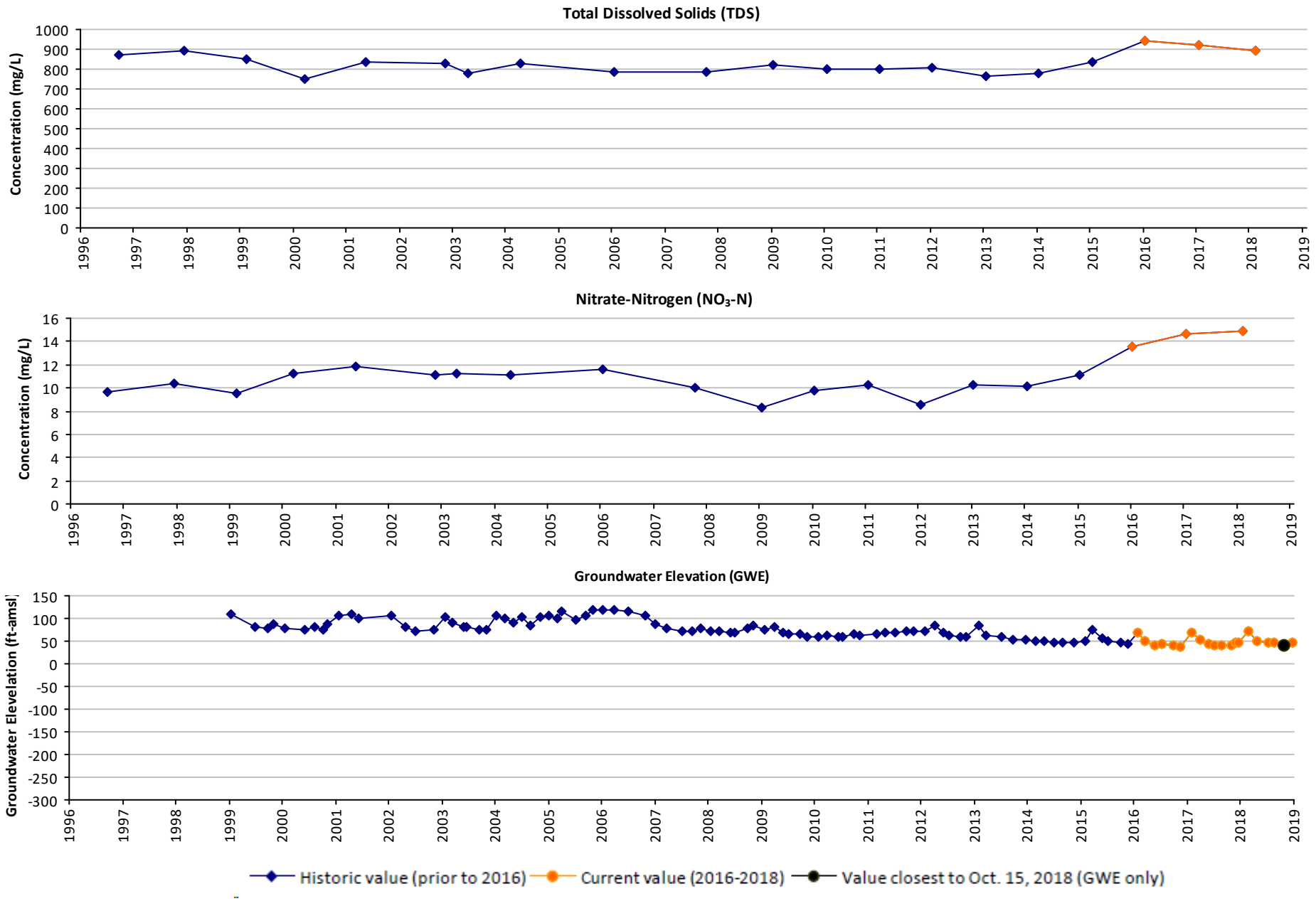
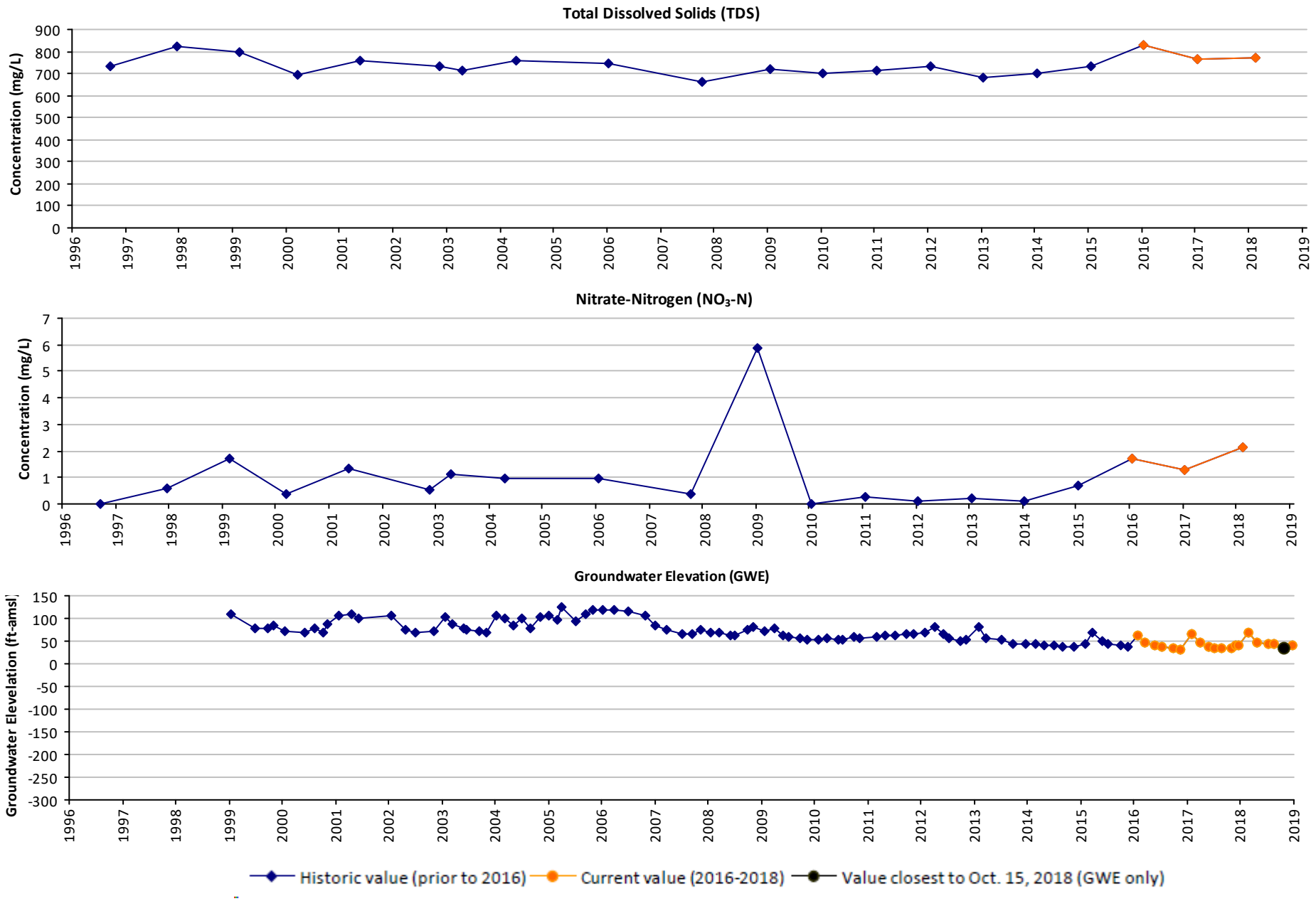
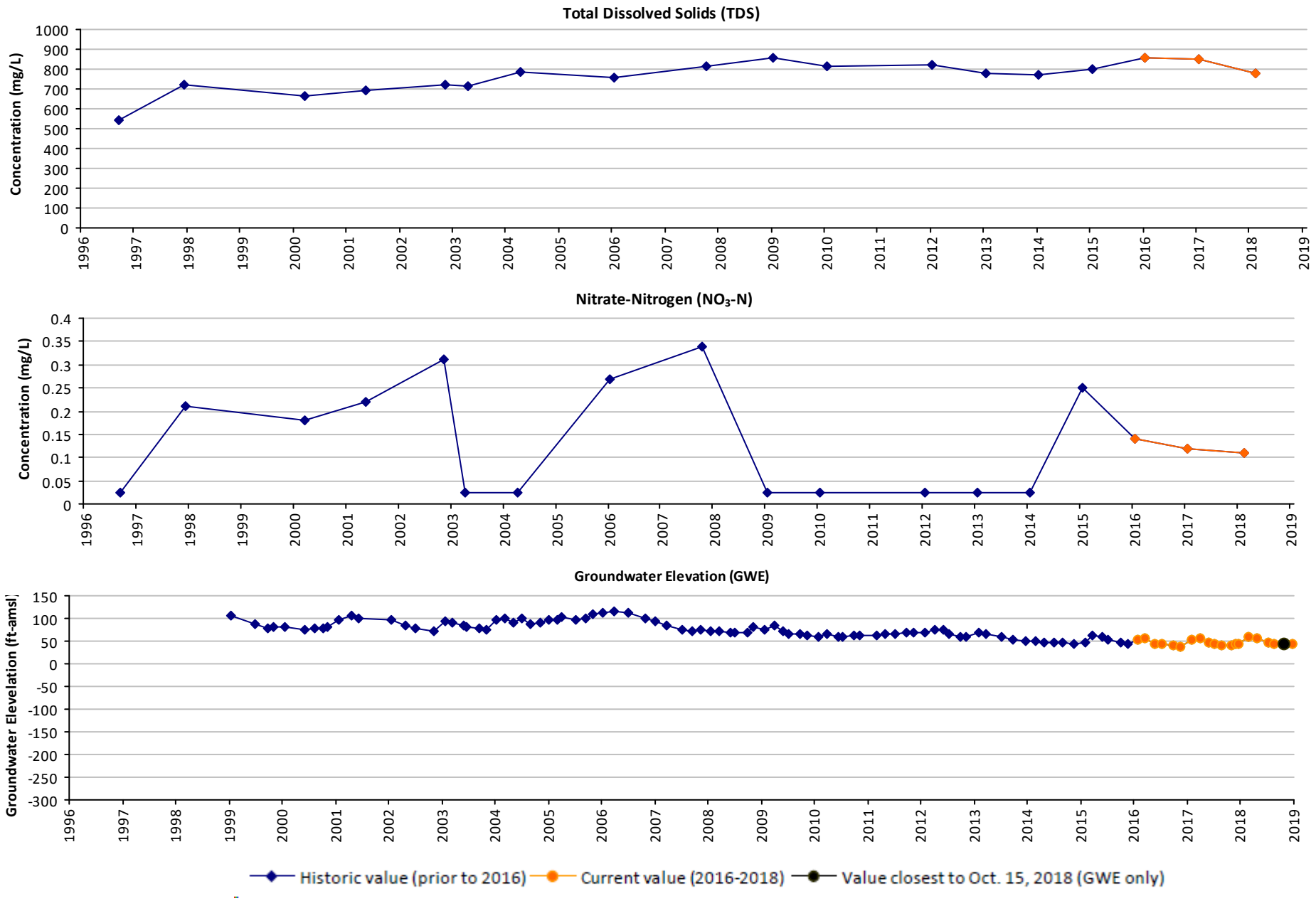
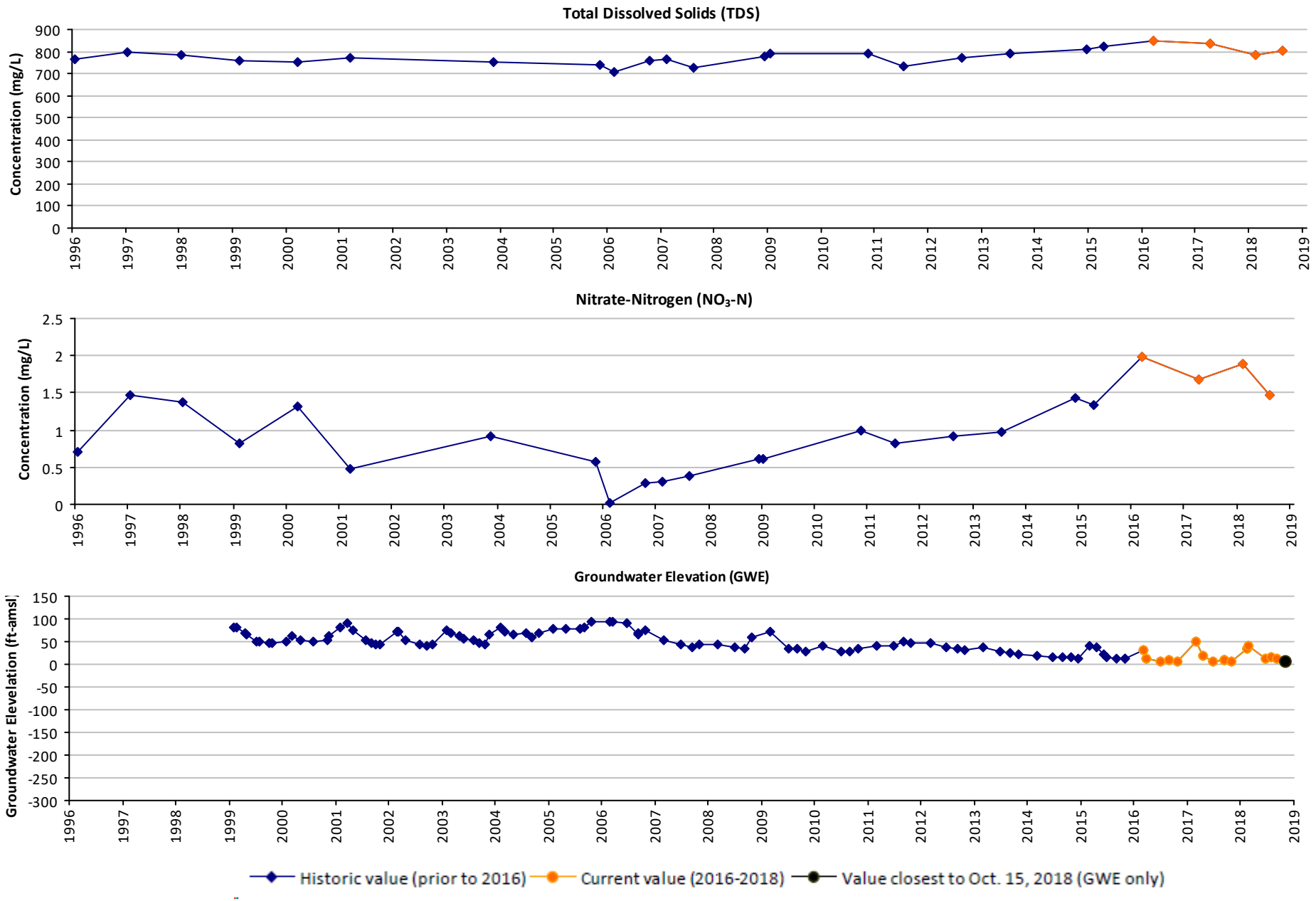
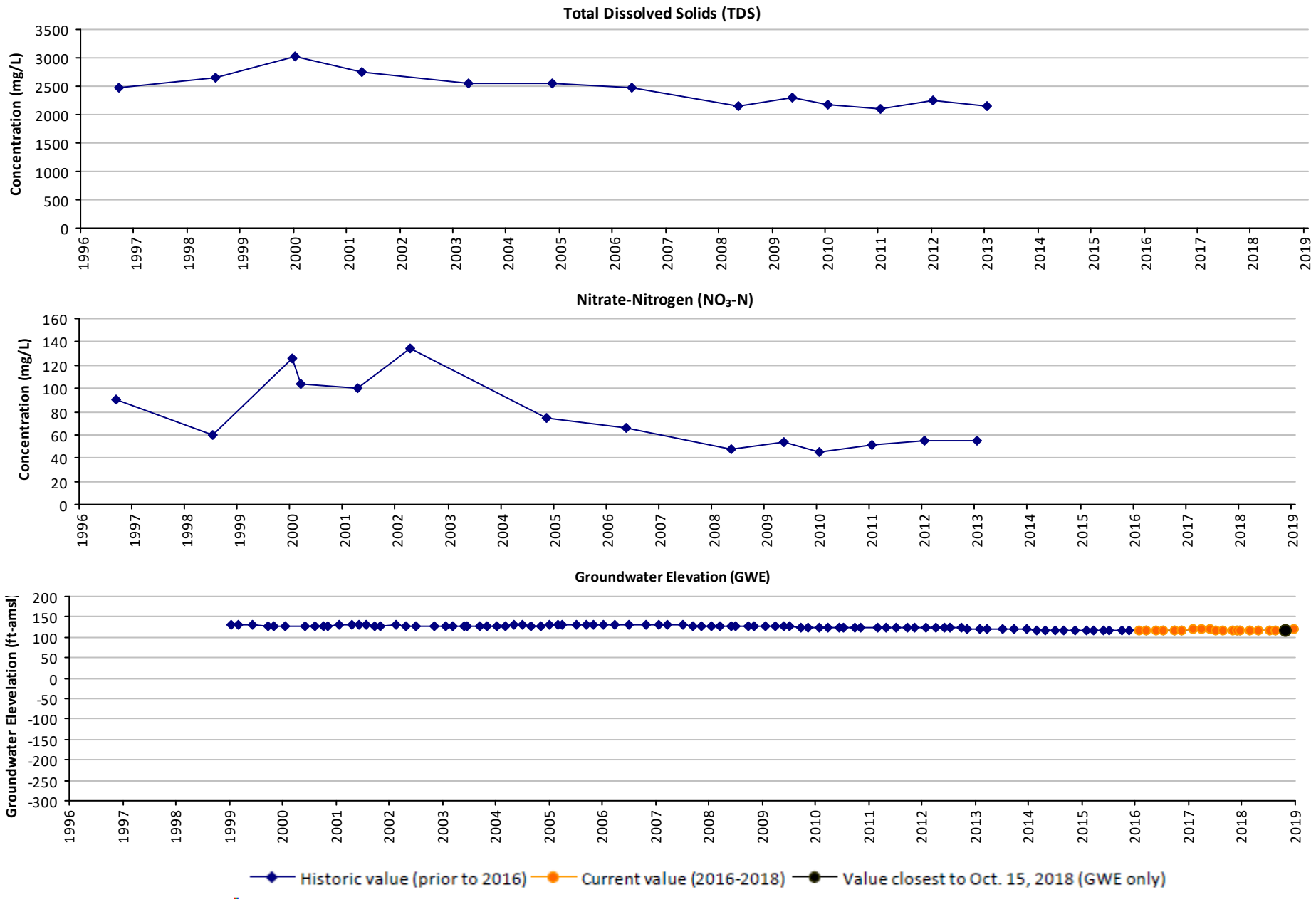
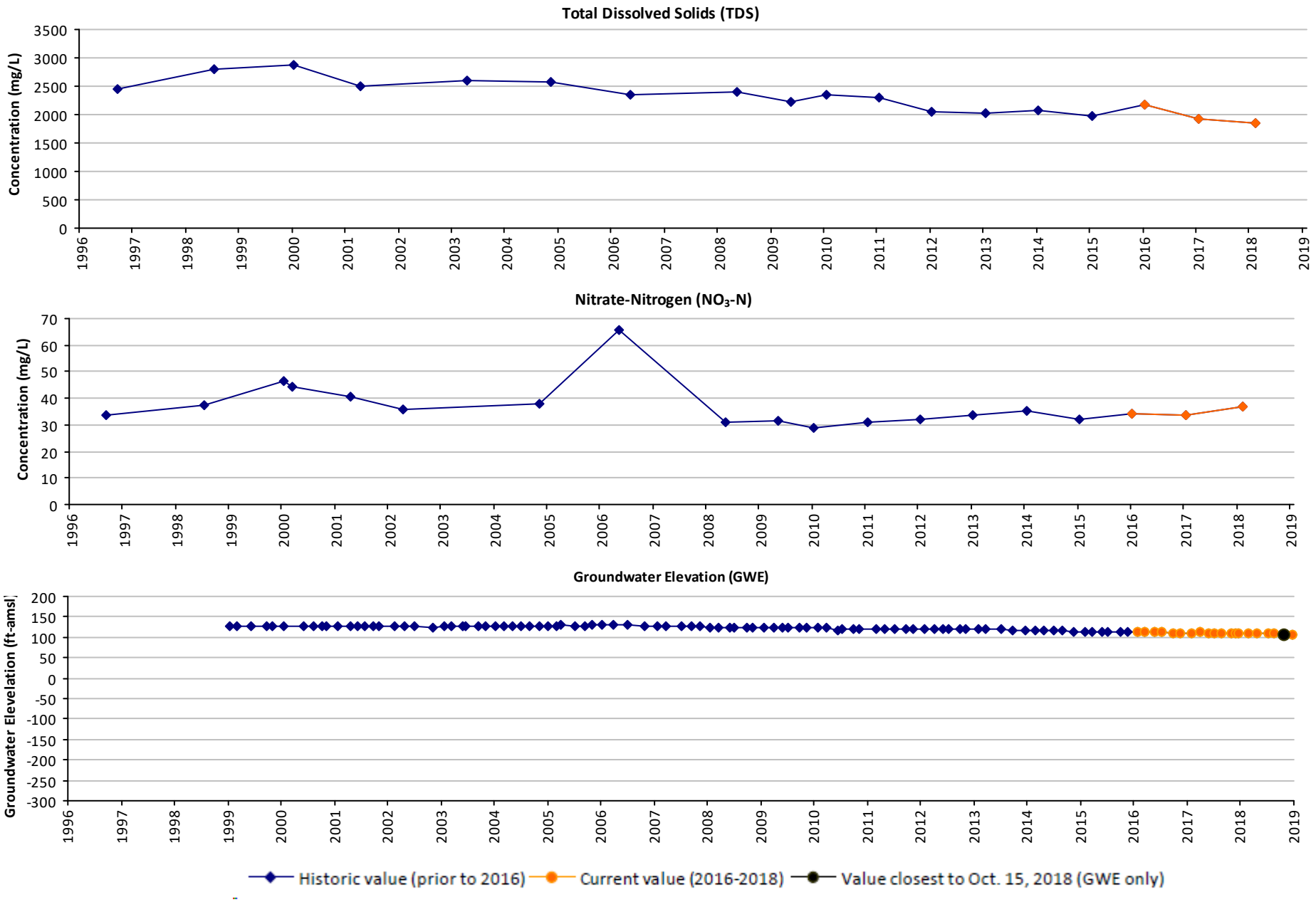

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

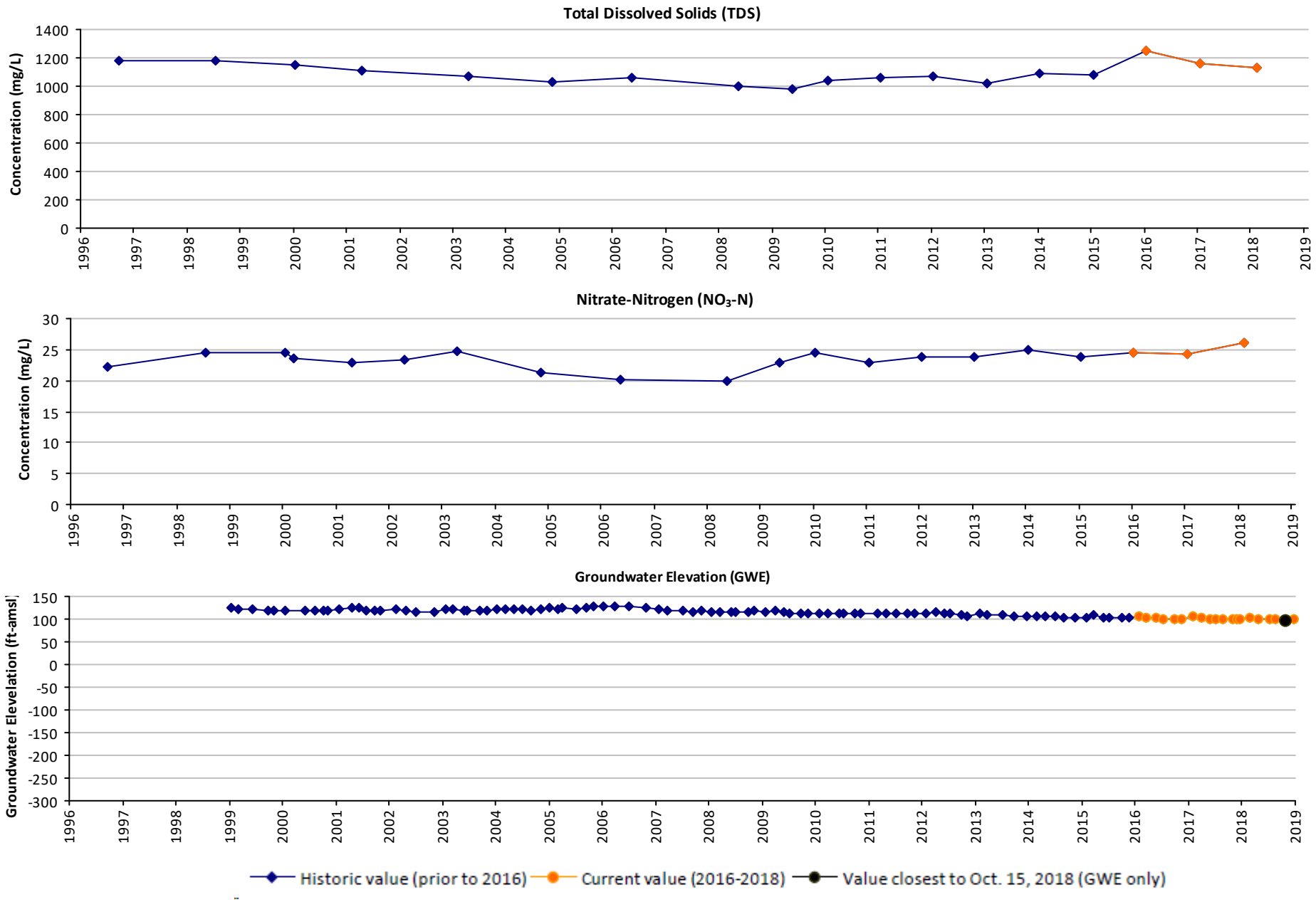

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

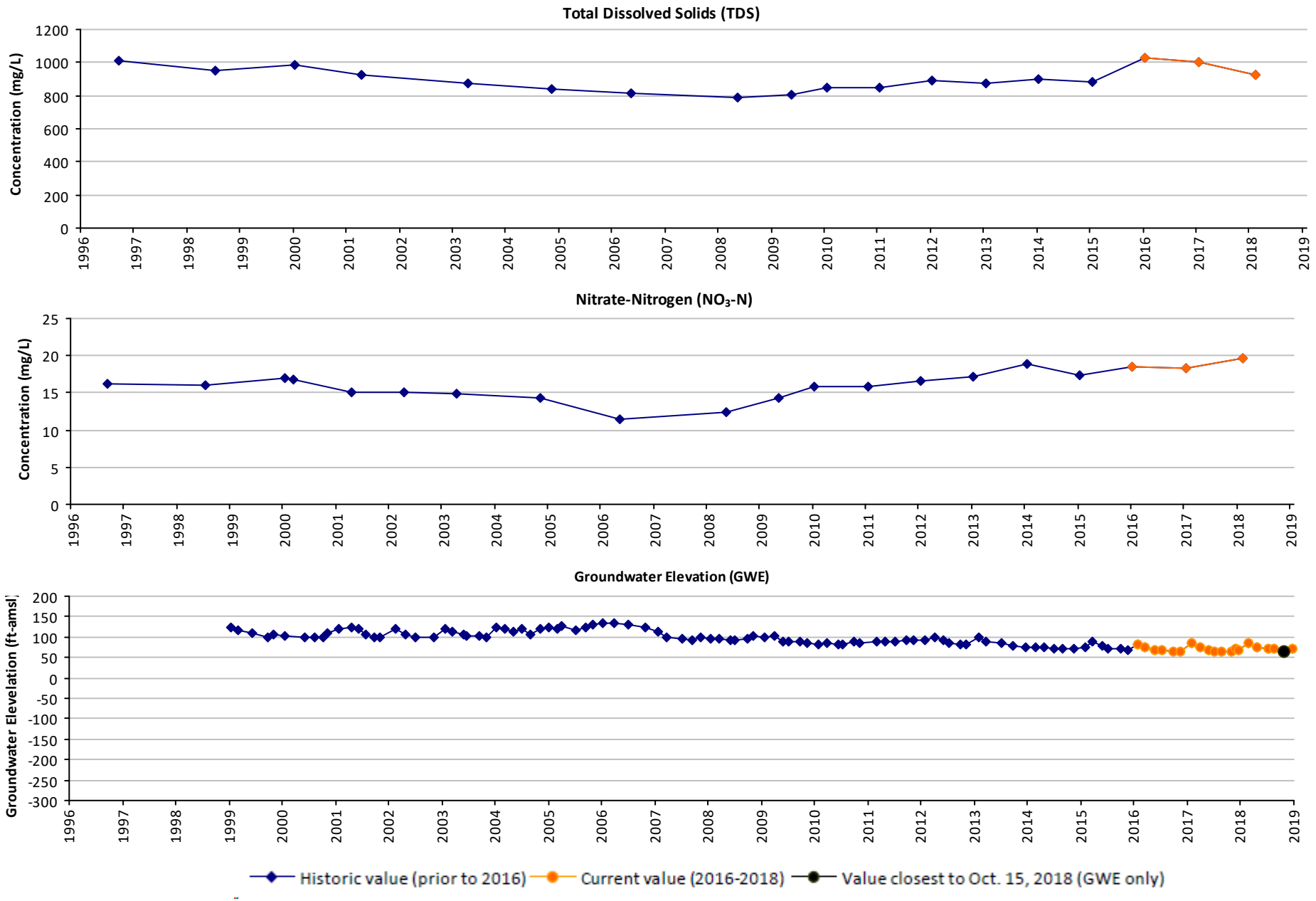

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

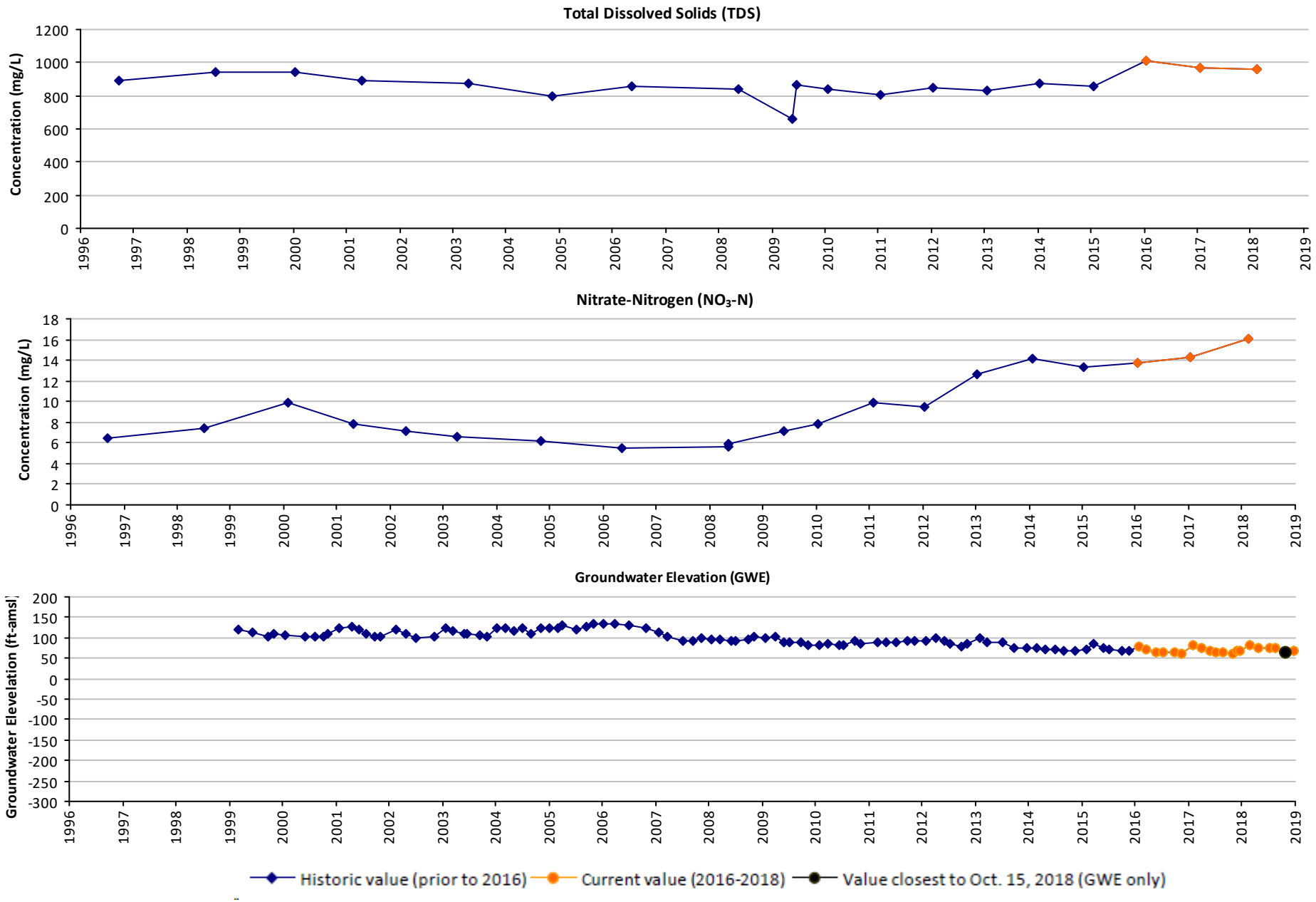

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

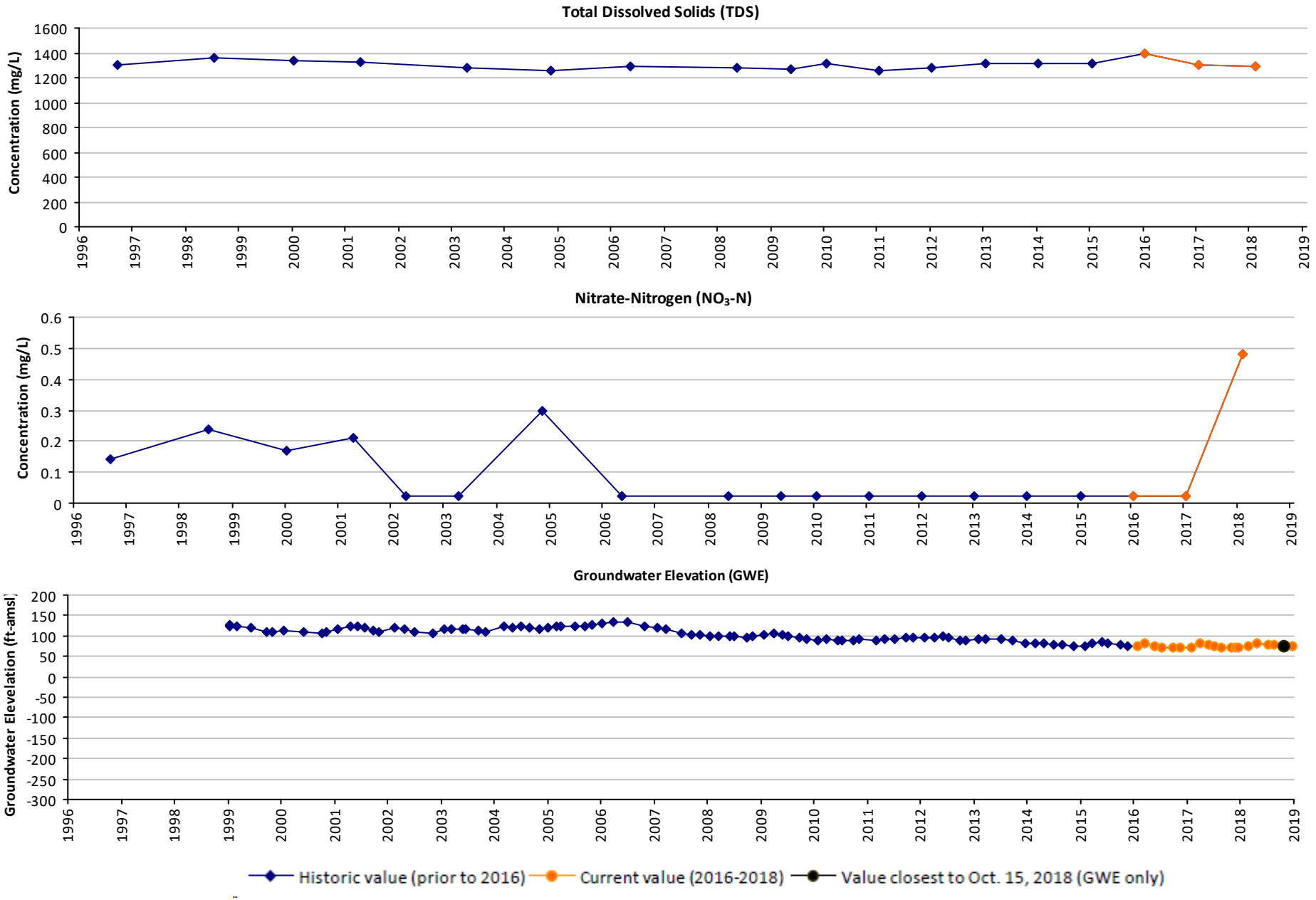

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

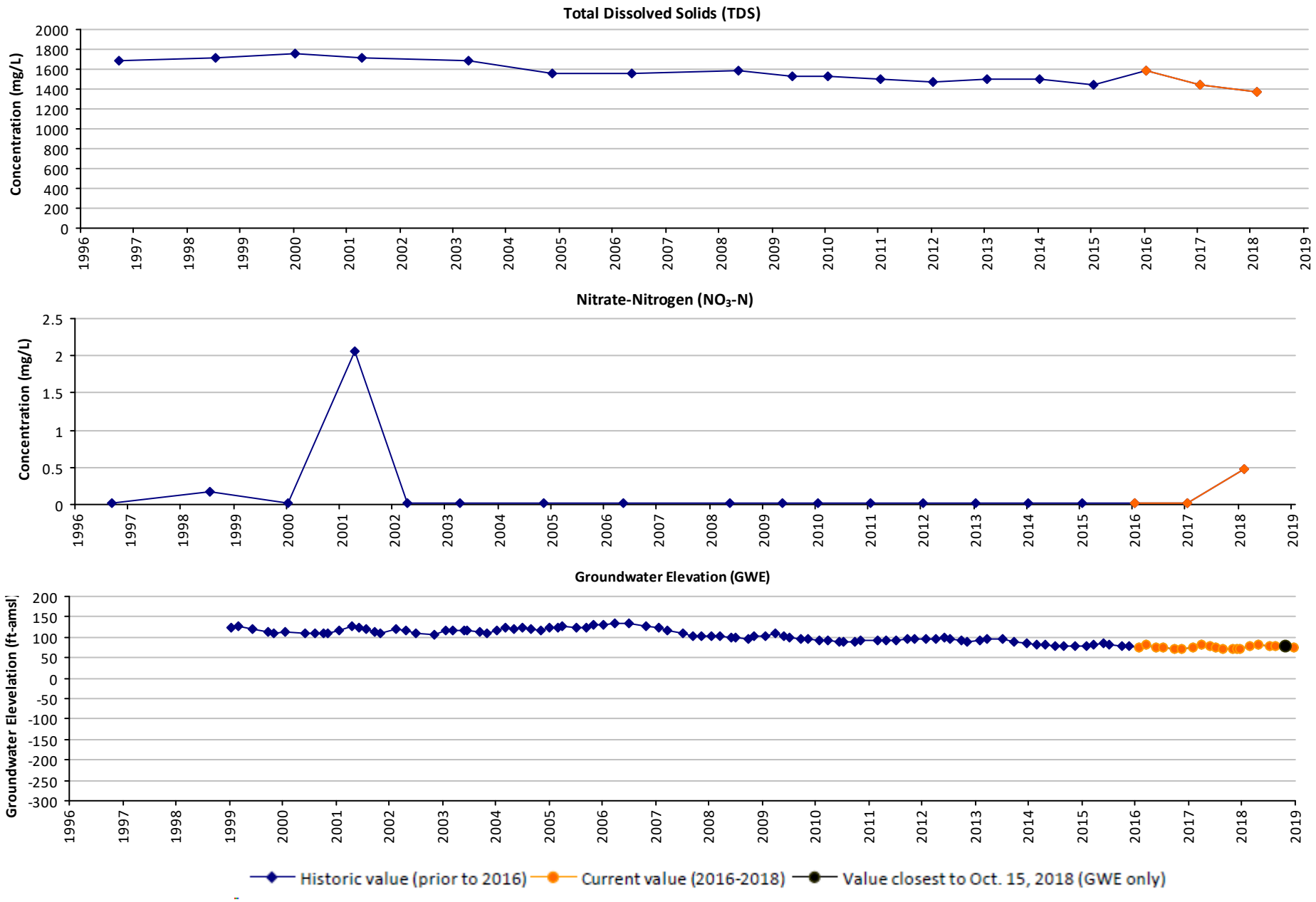

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

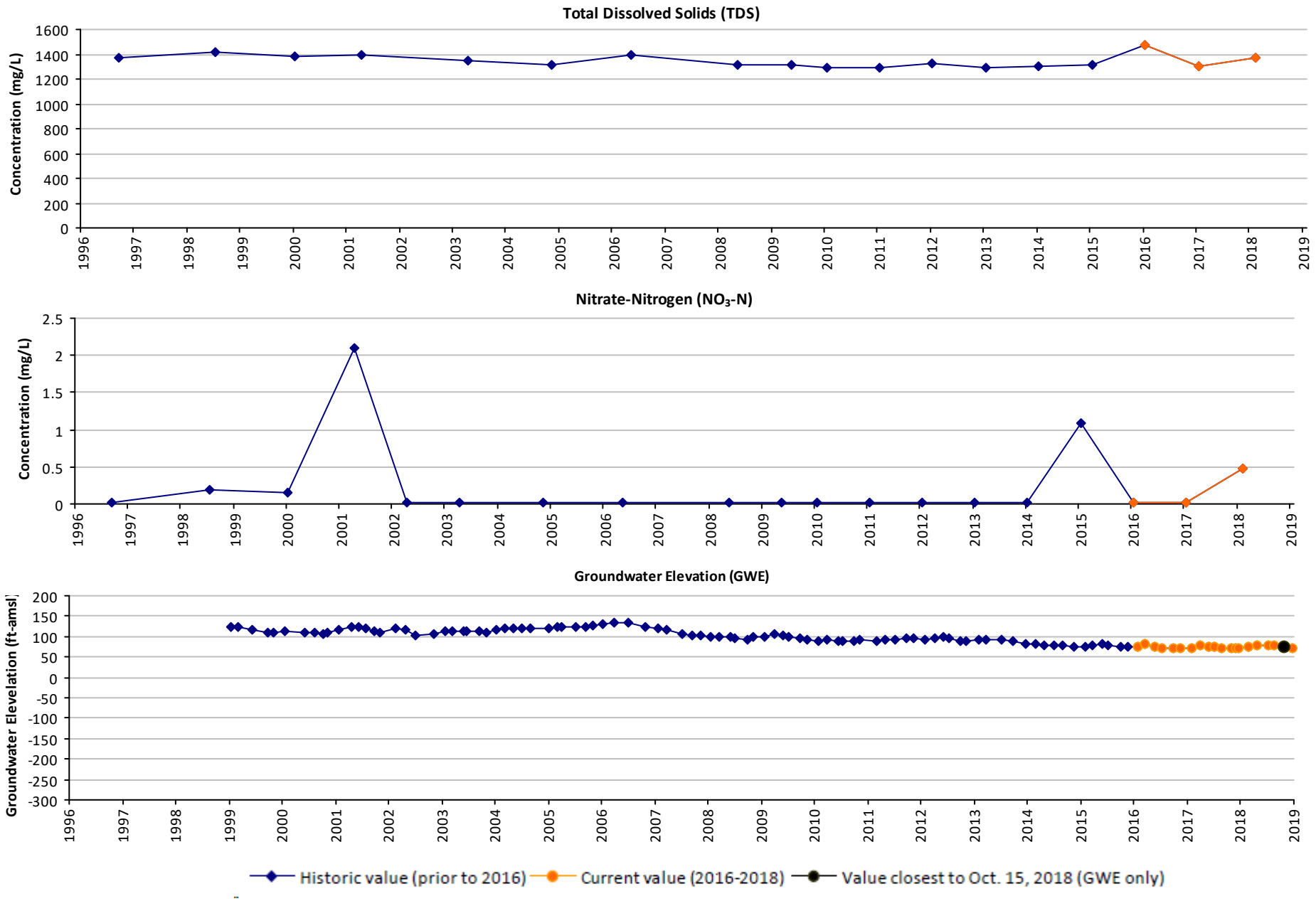

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

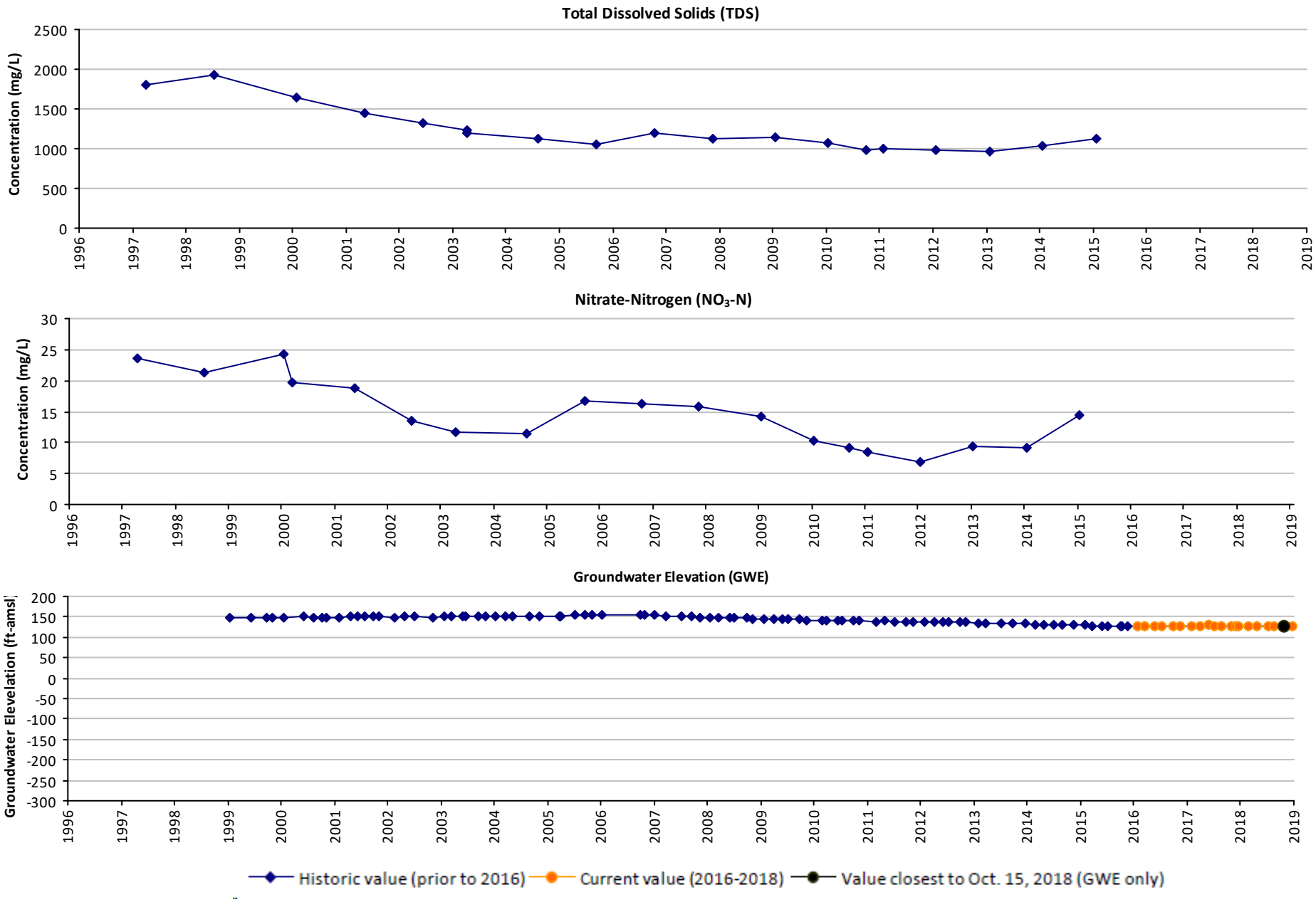

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

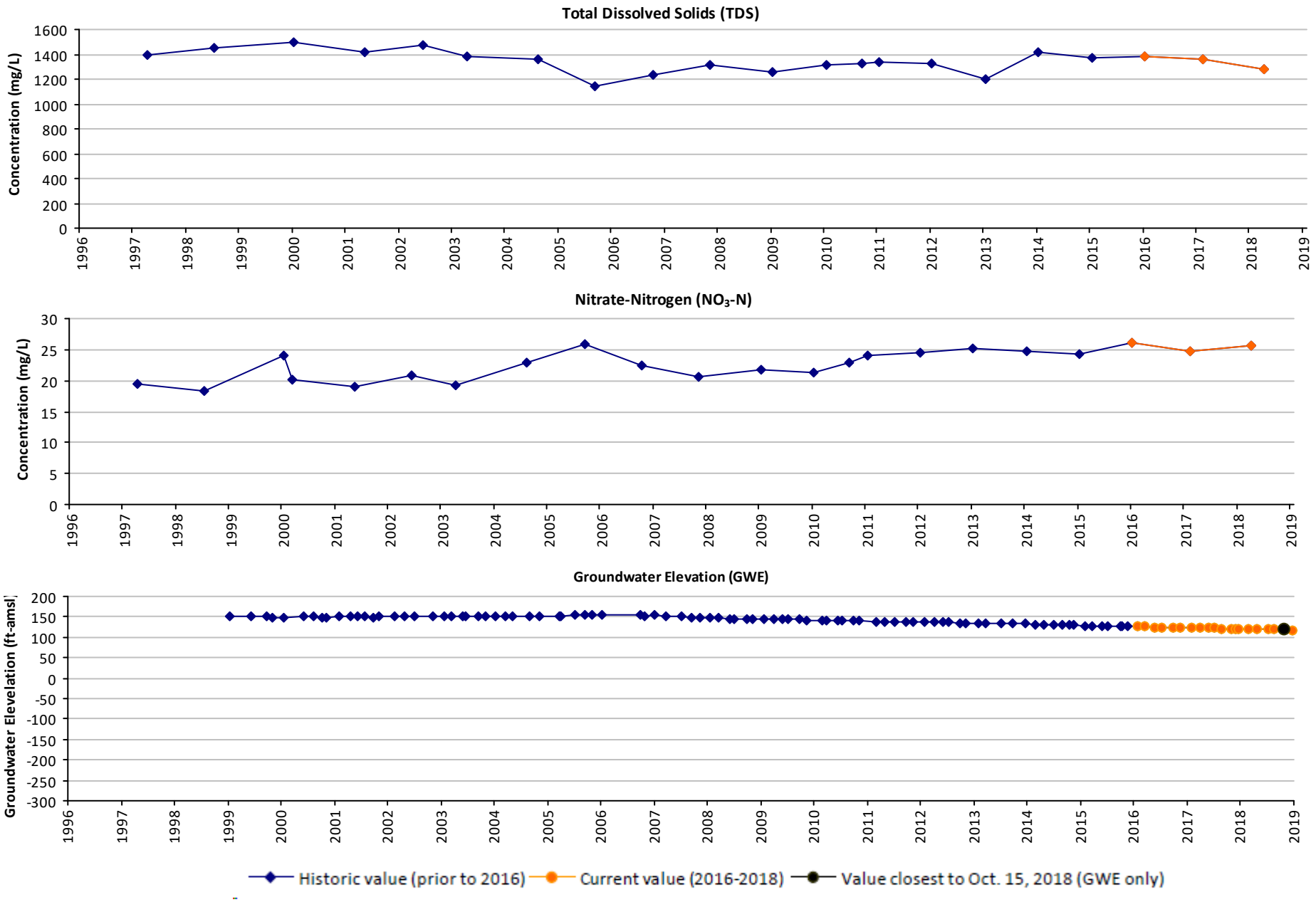

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

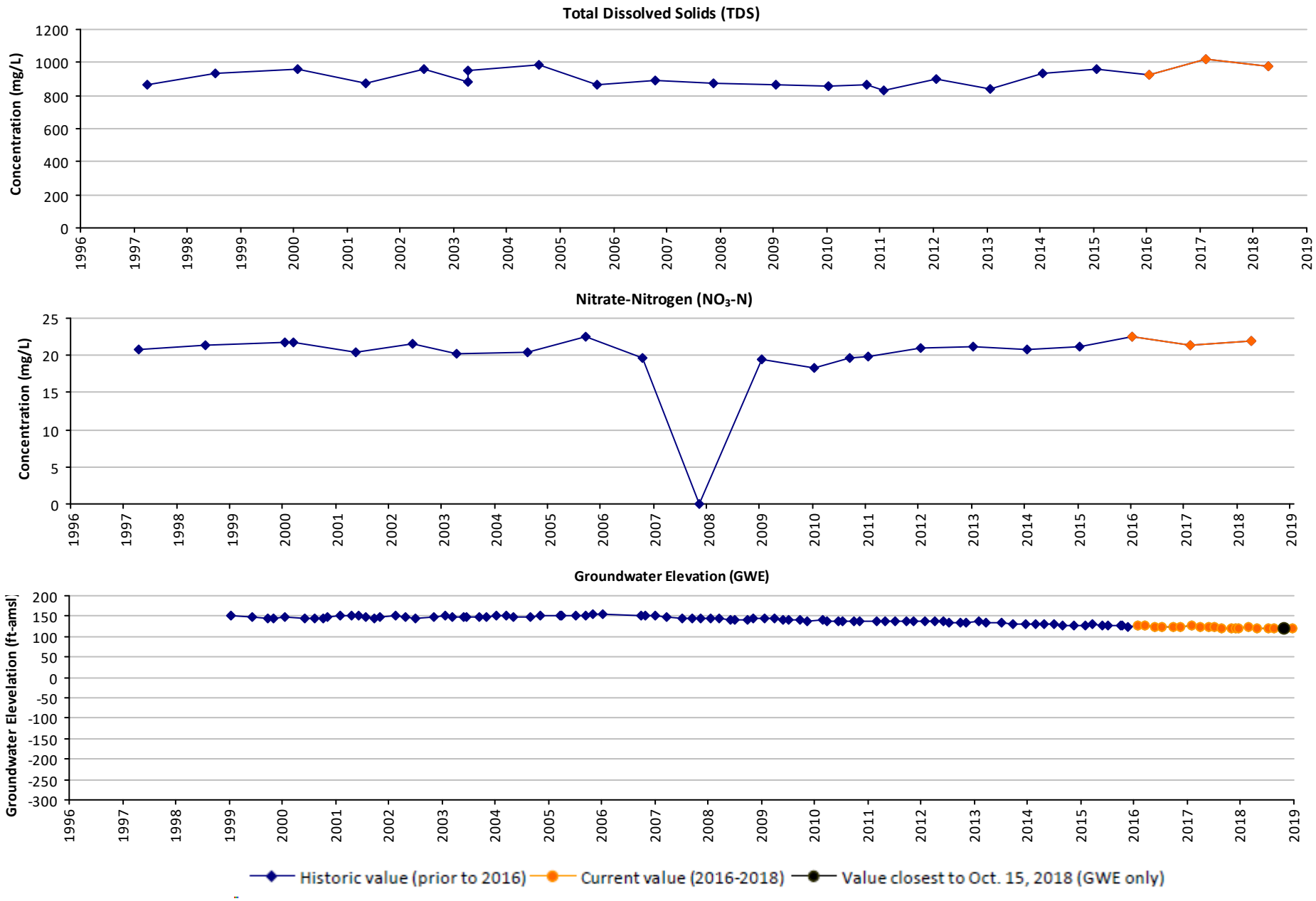

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

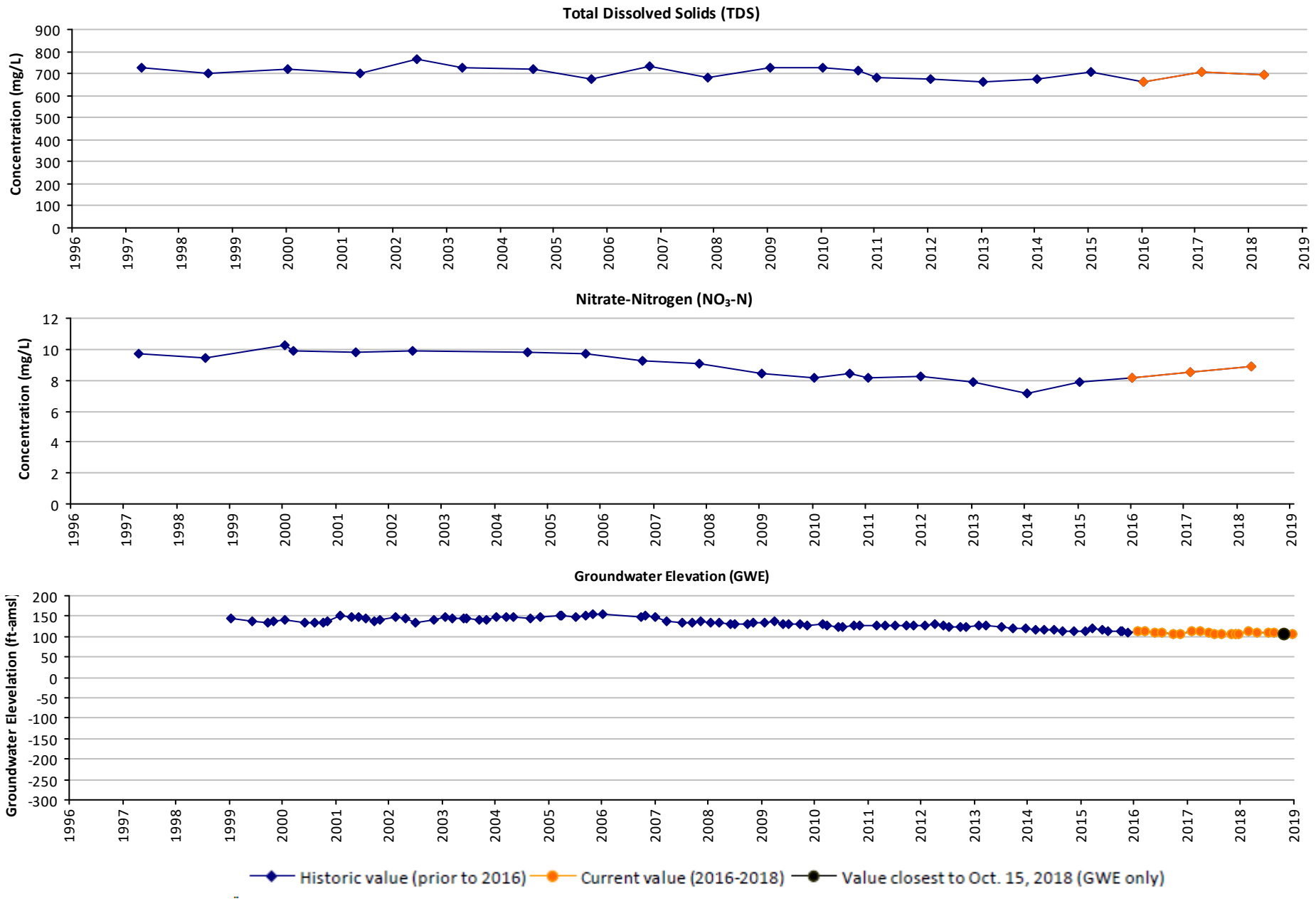

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

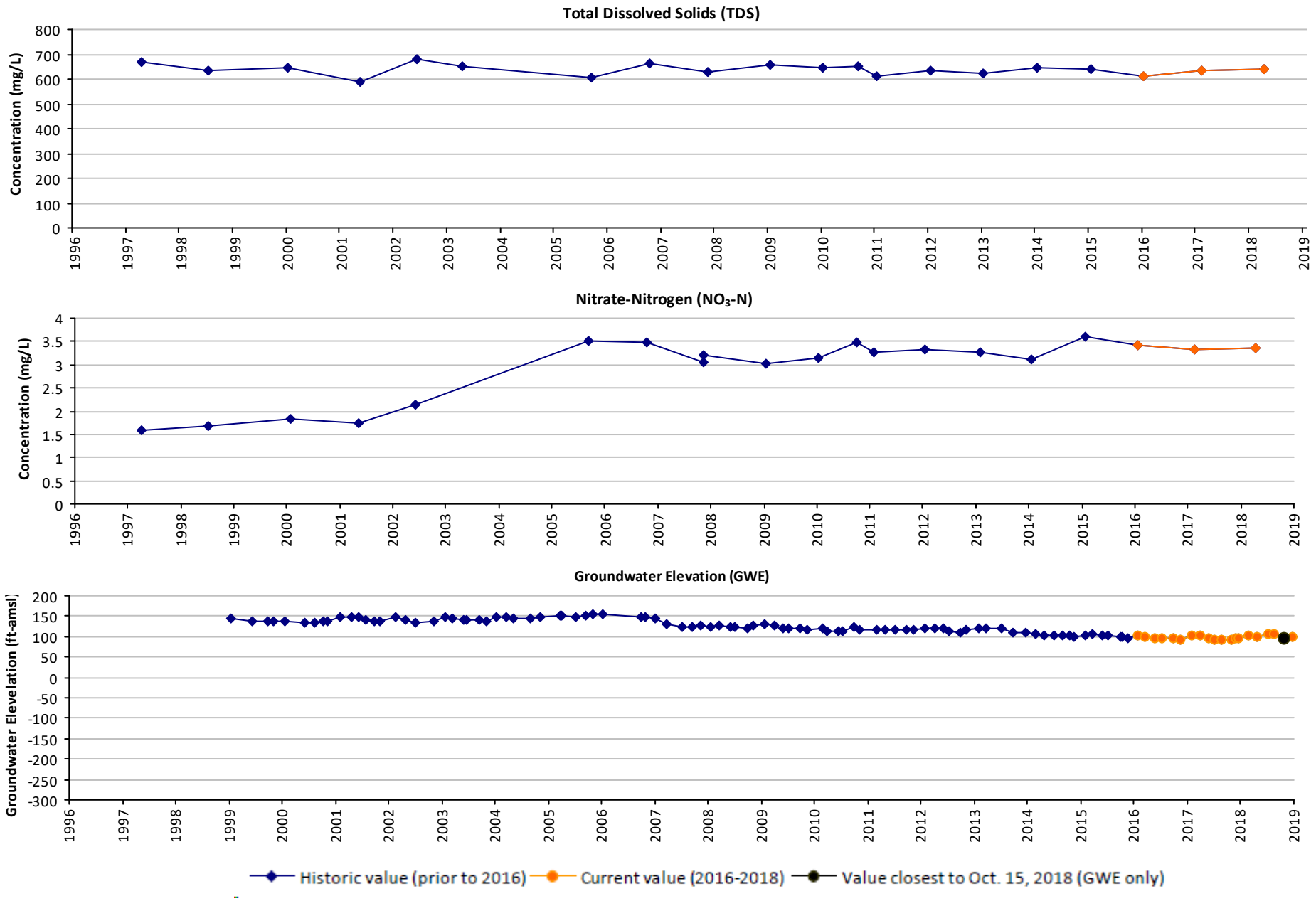

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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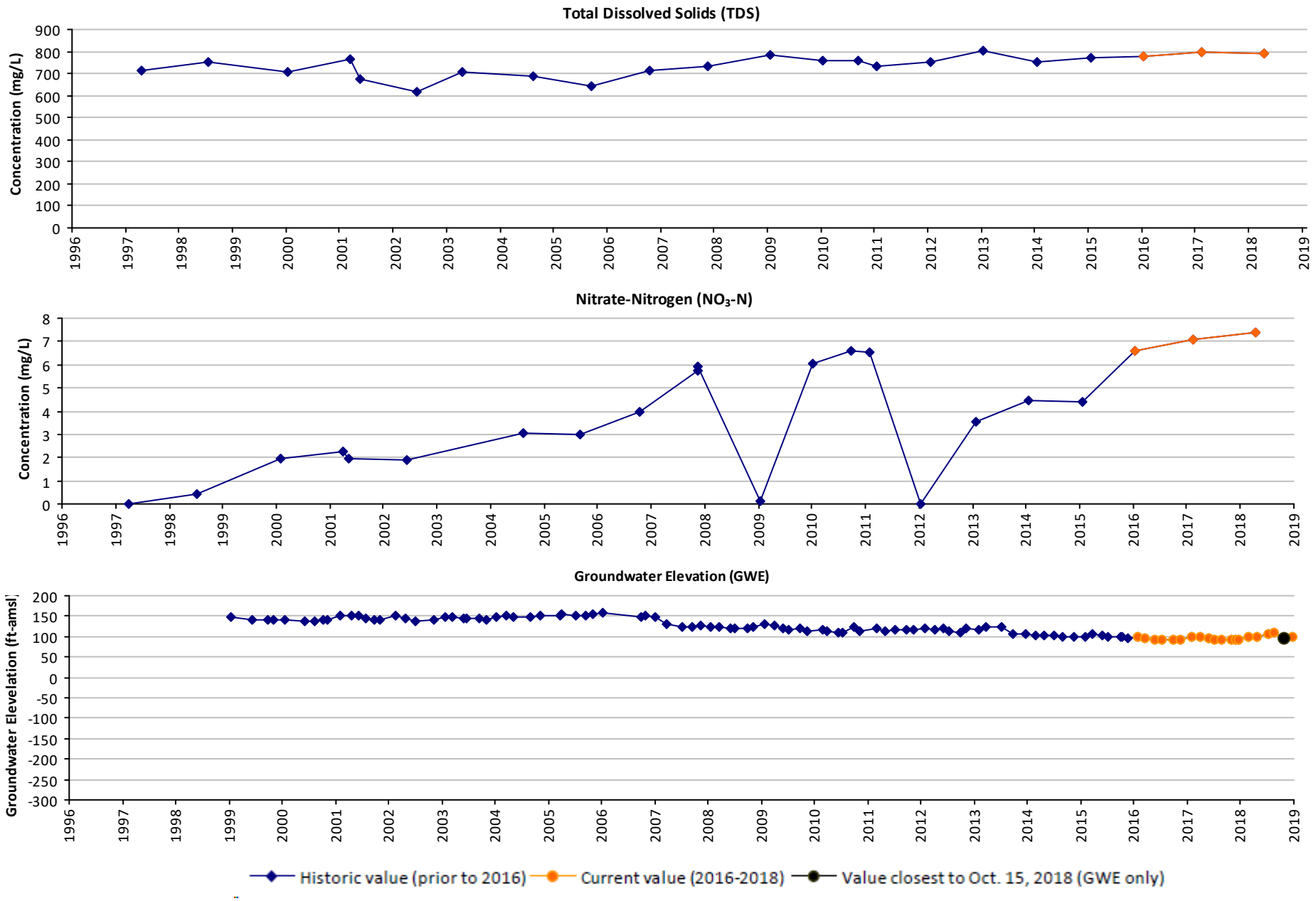
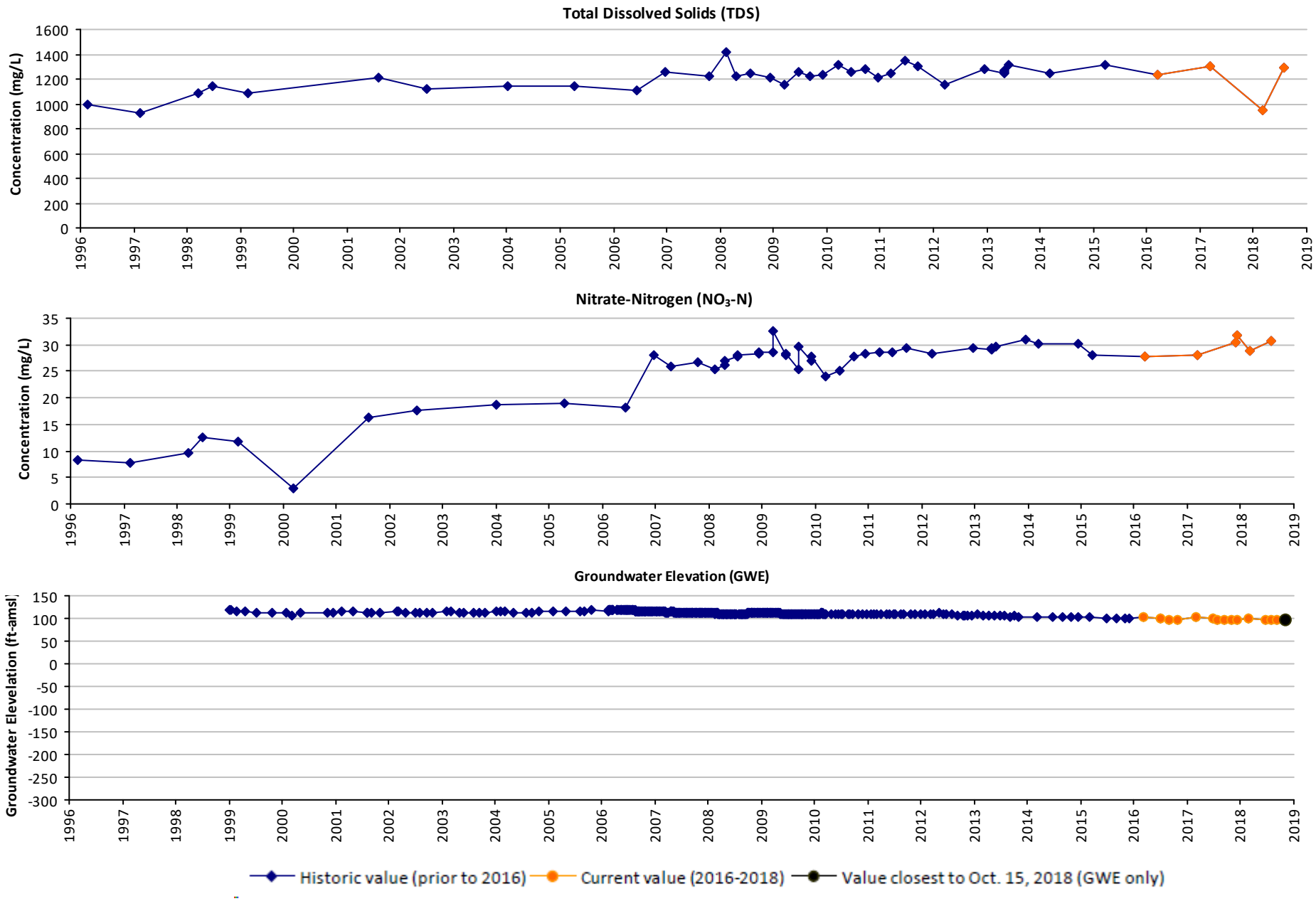
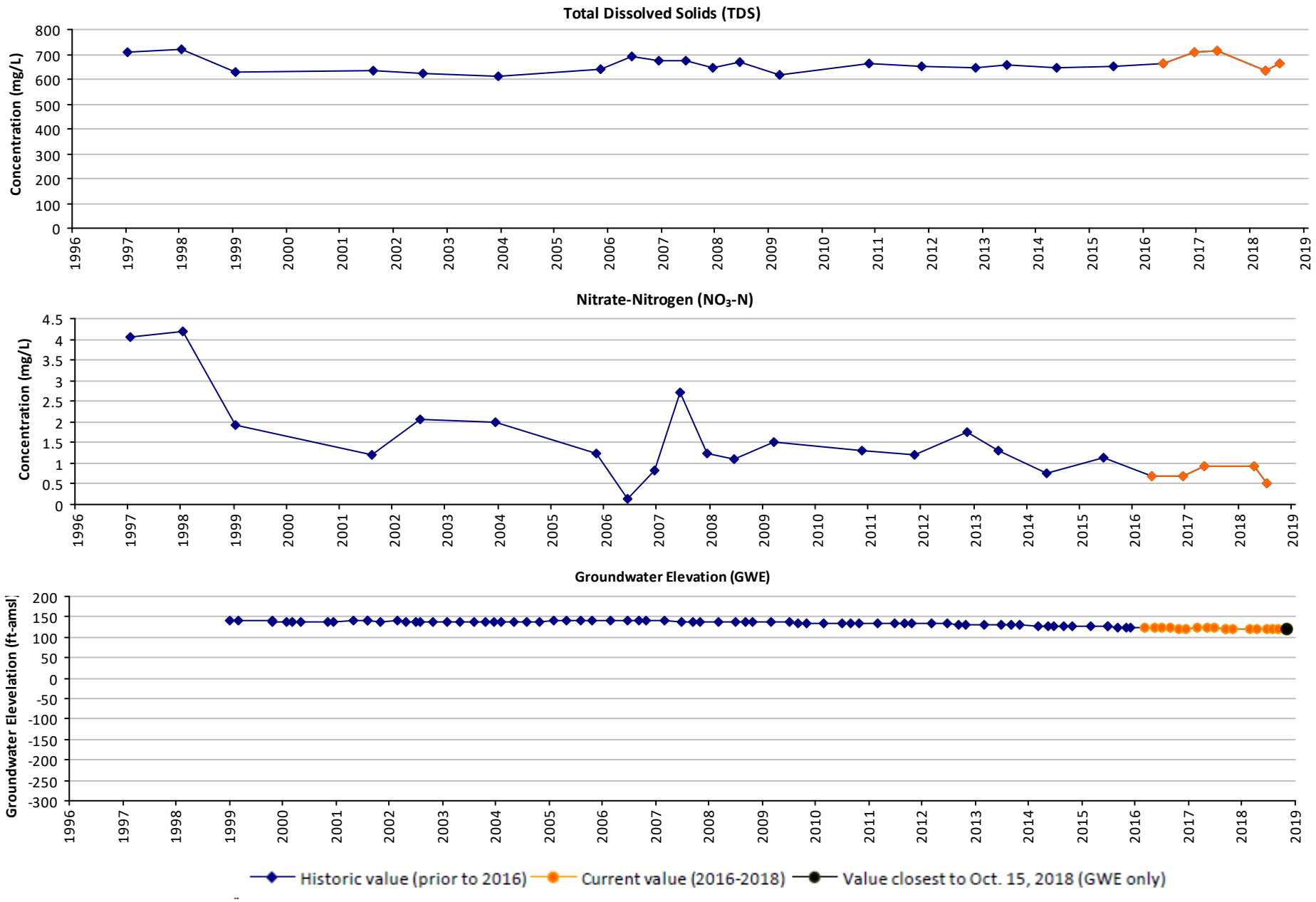
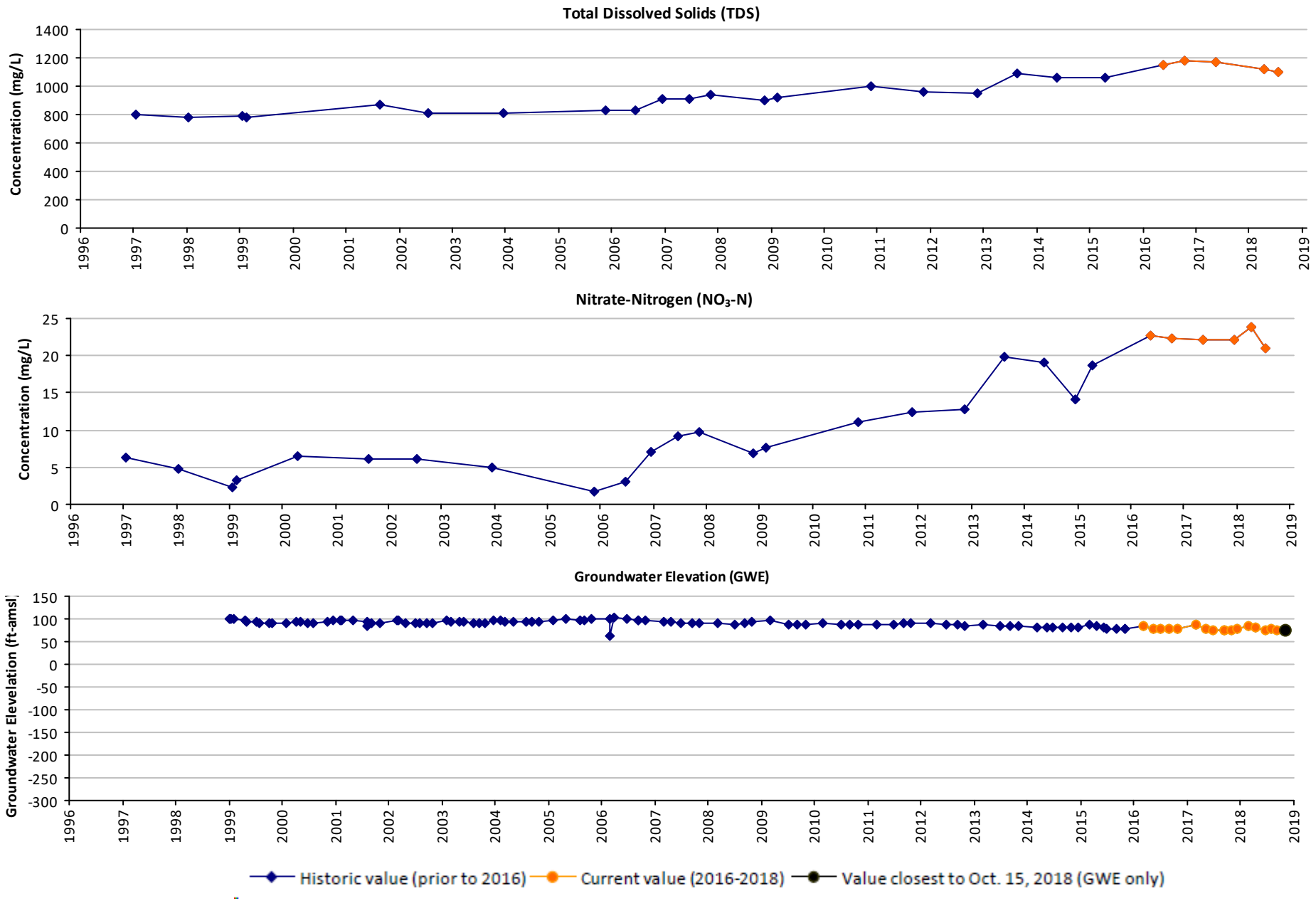
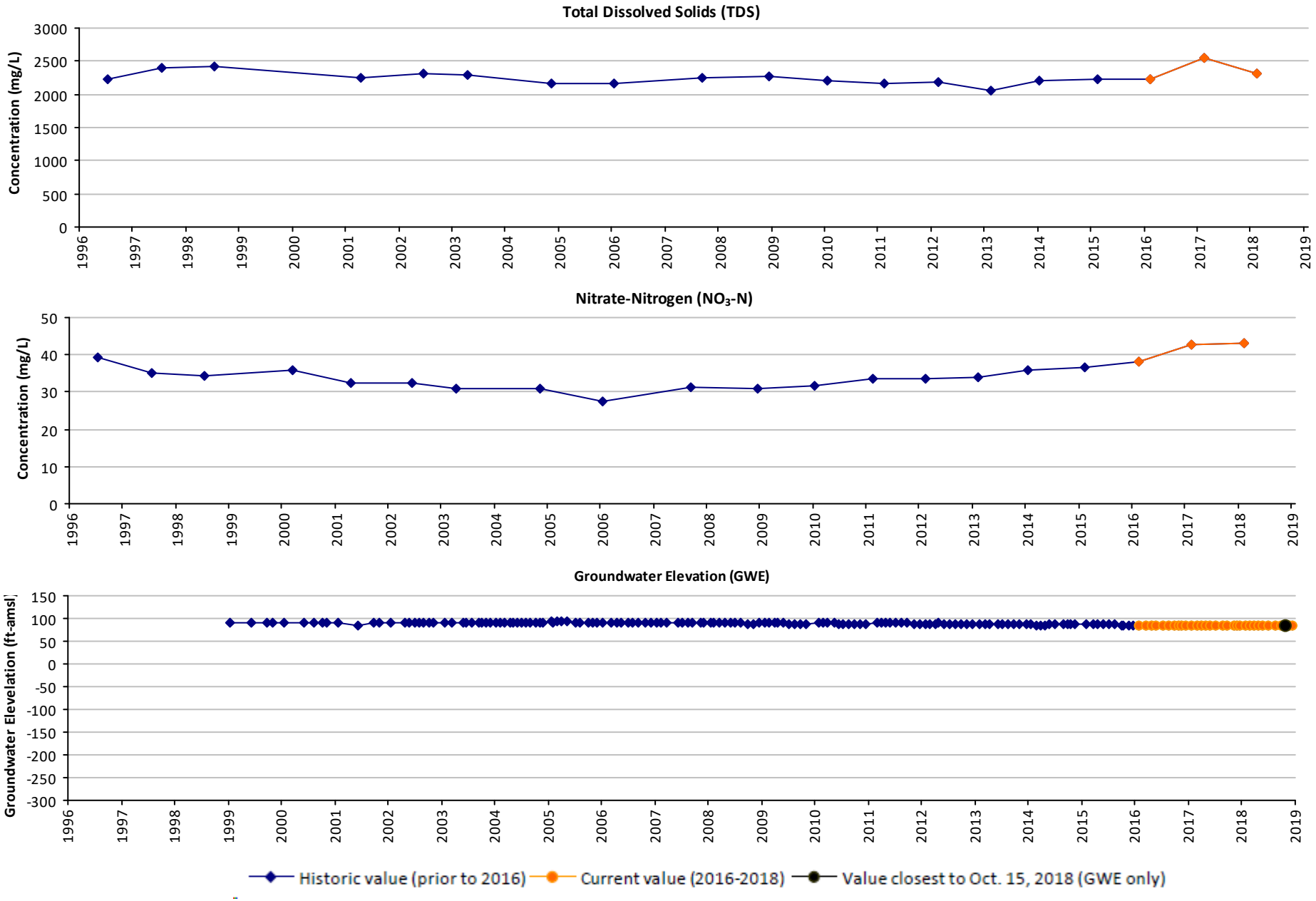
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

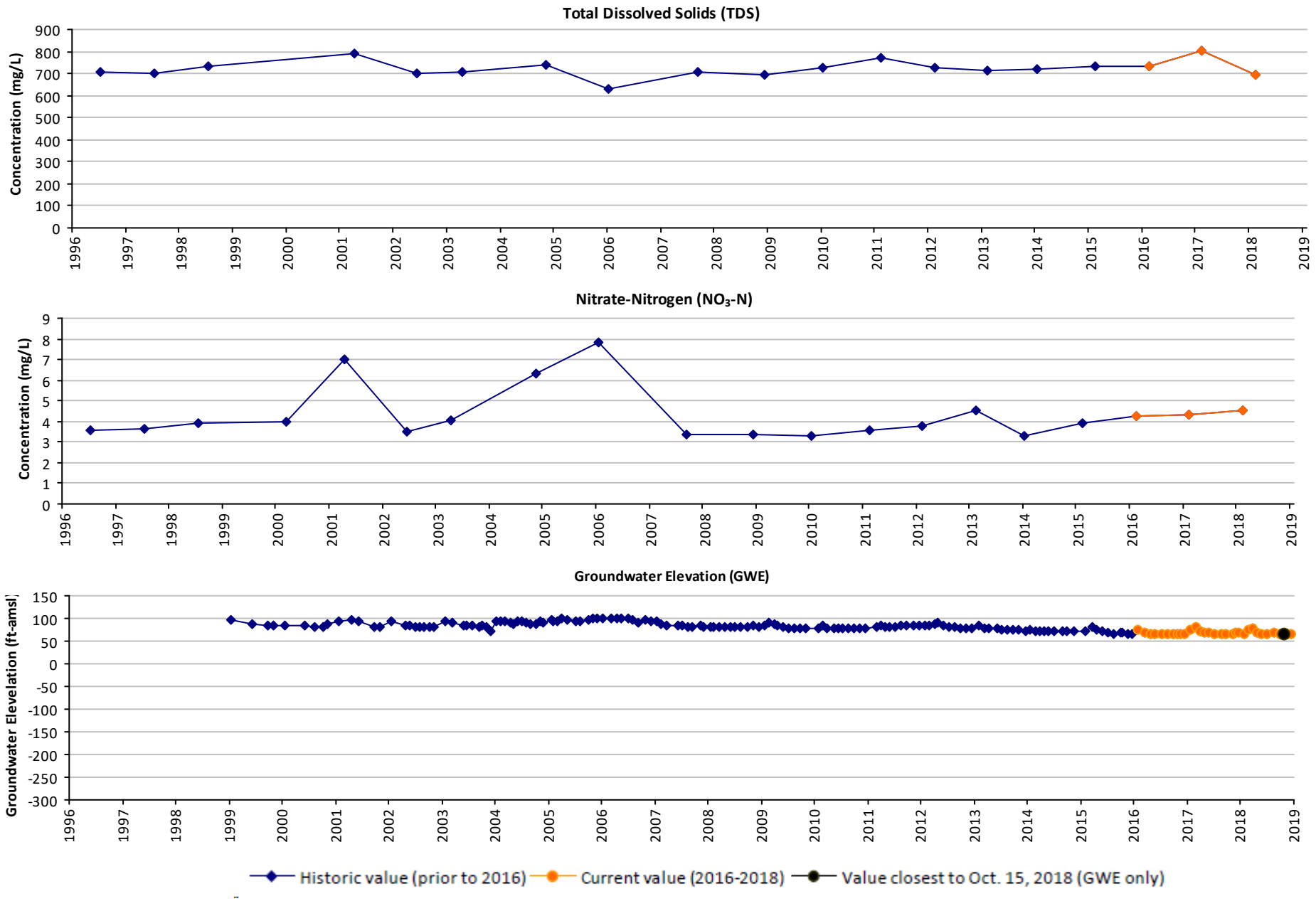

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

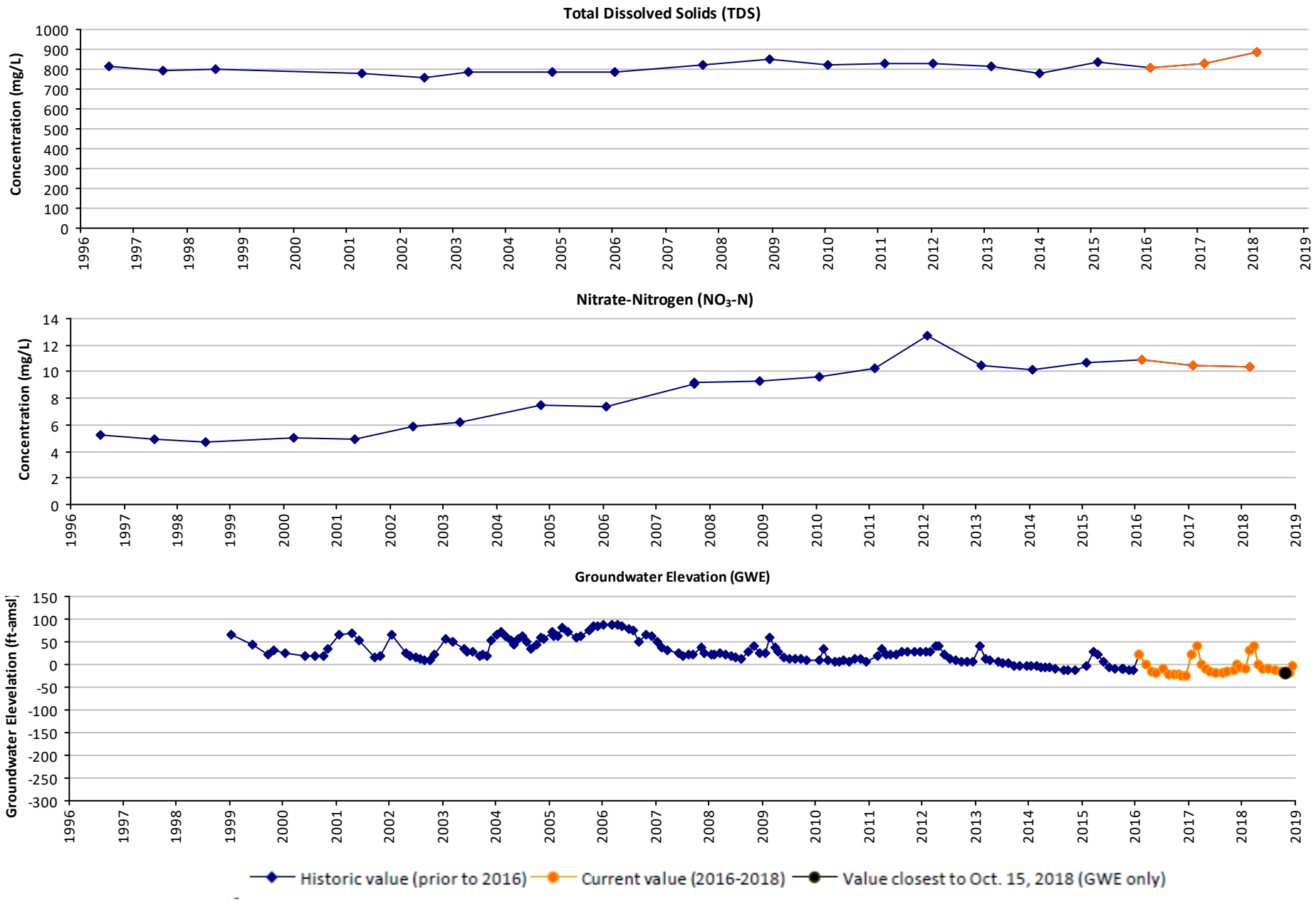

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

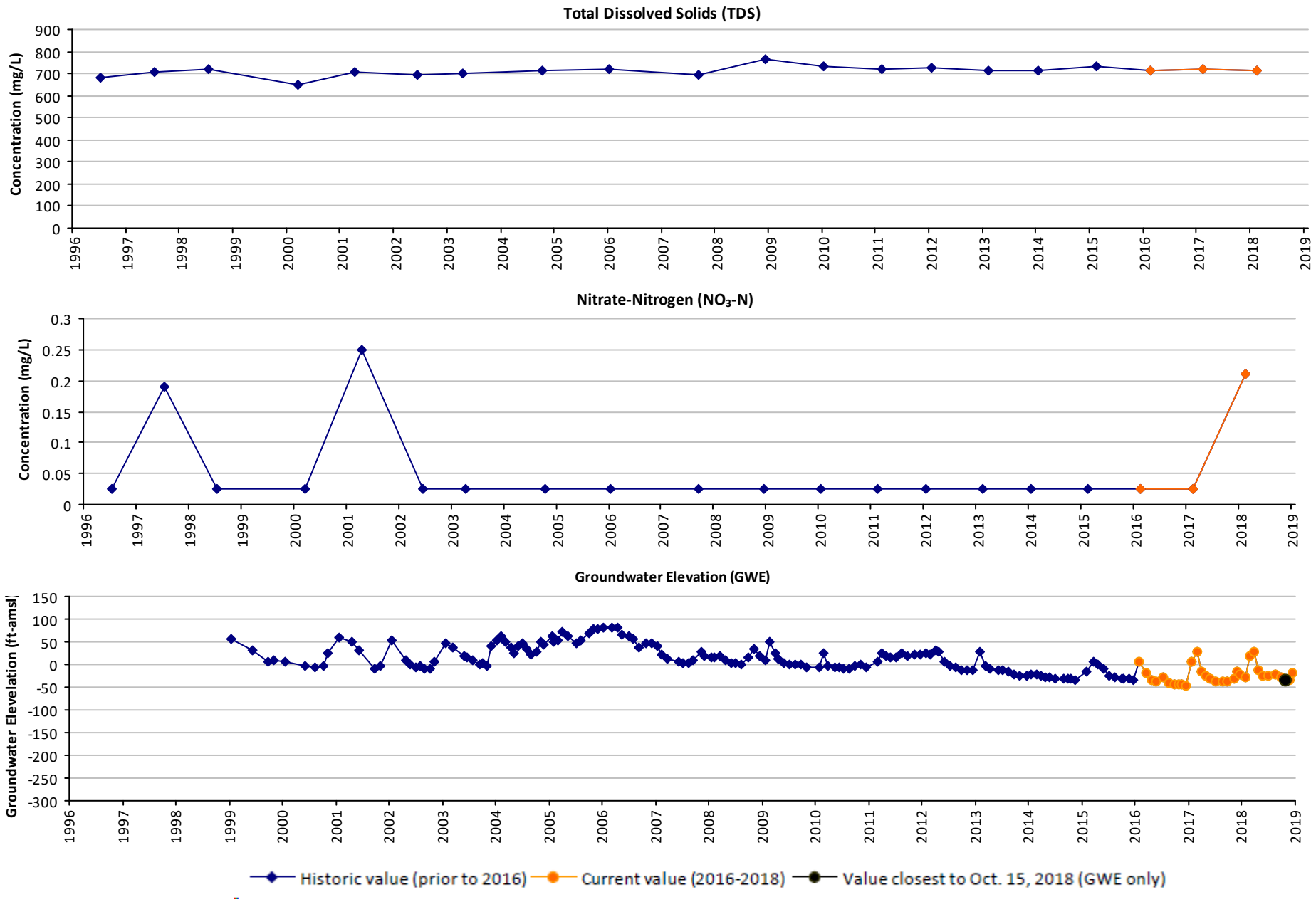

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

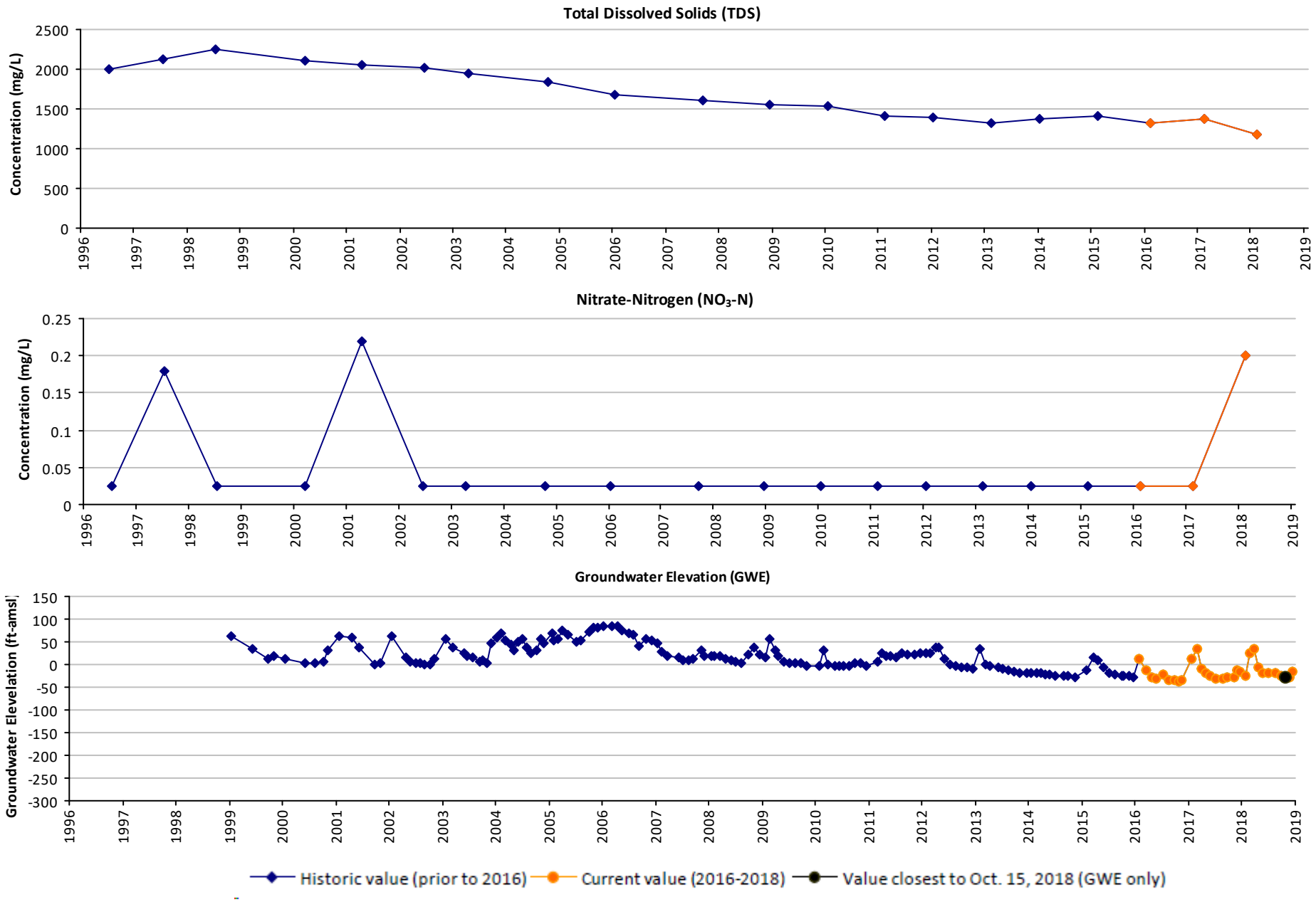

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

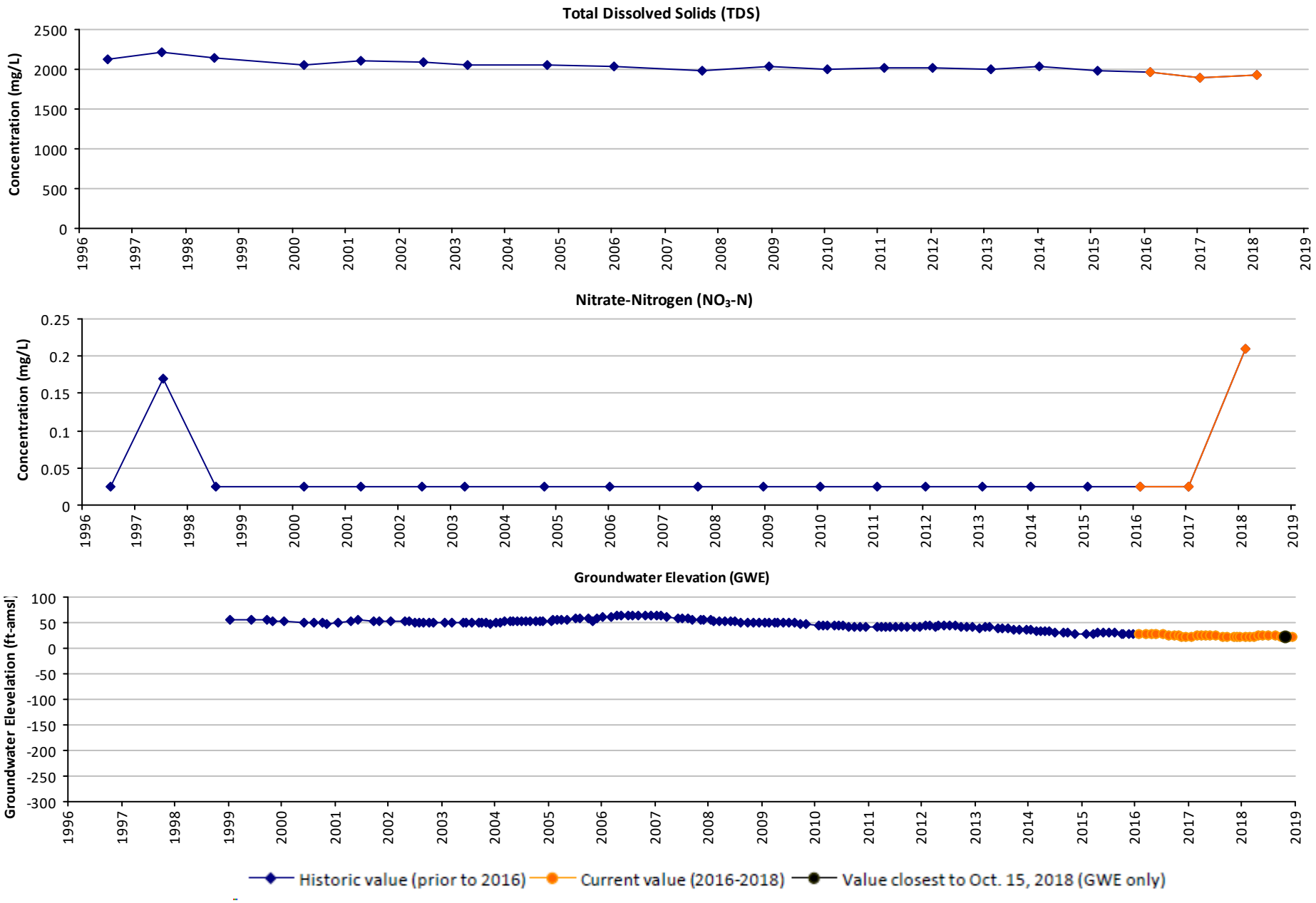

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
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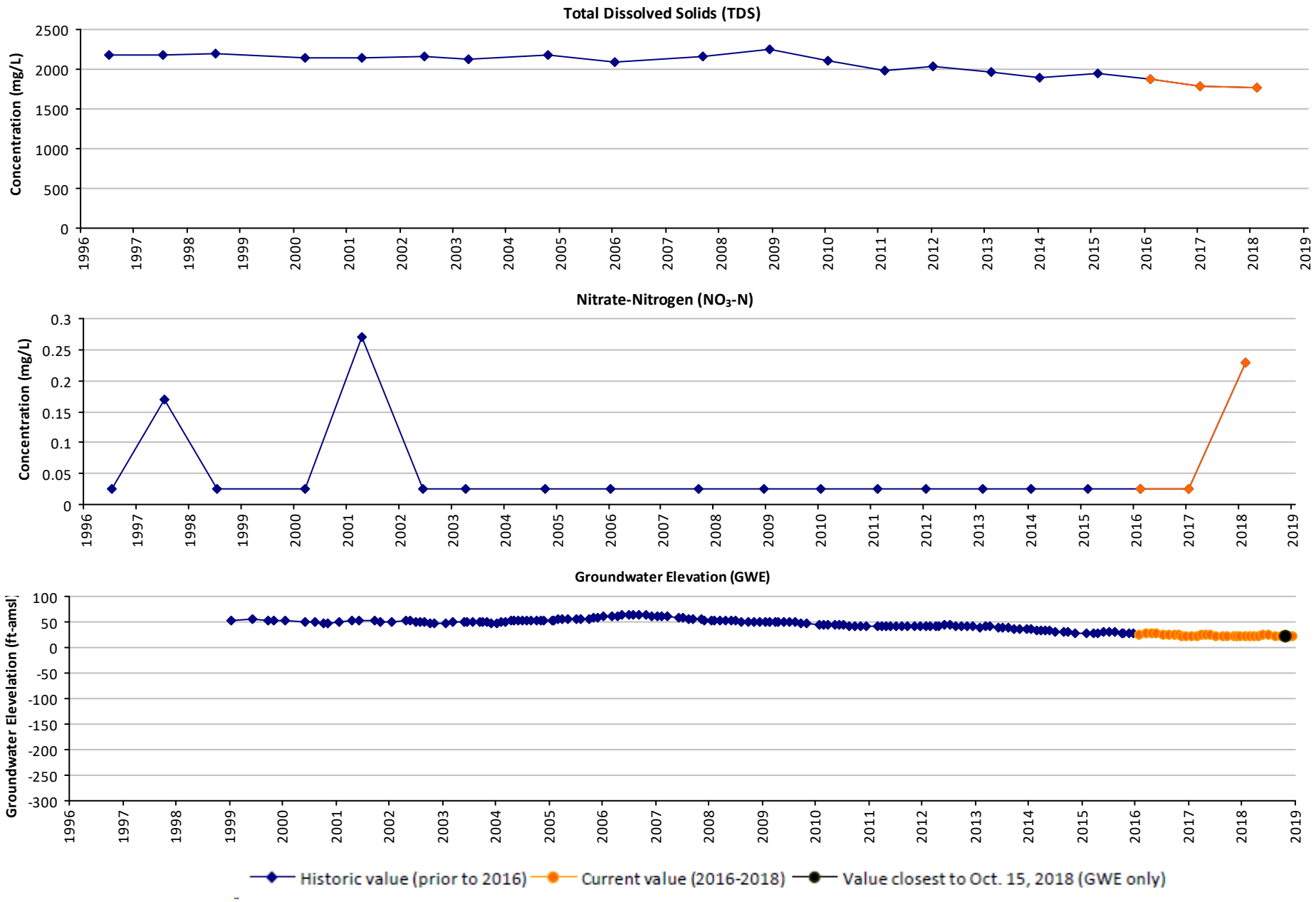
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
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1999
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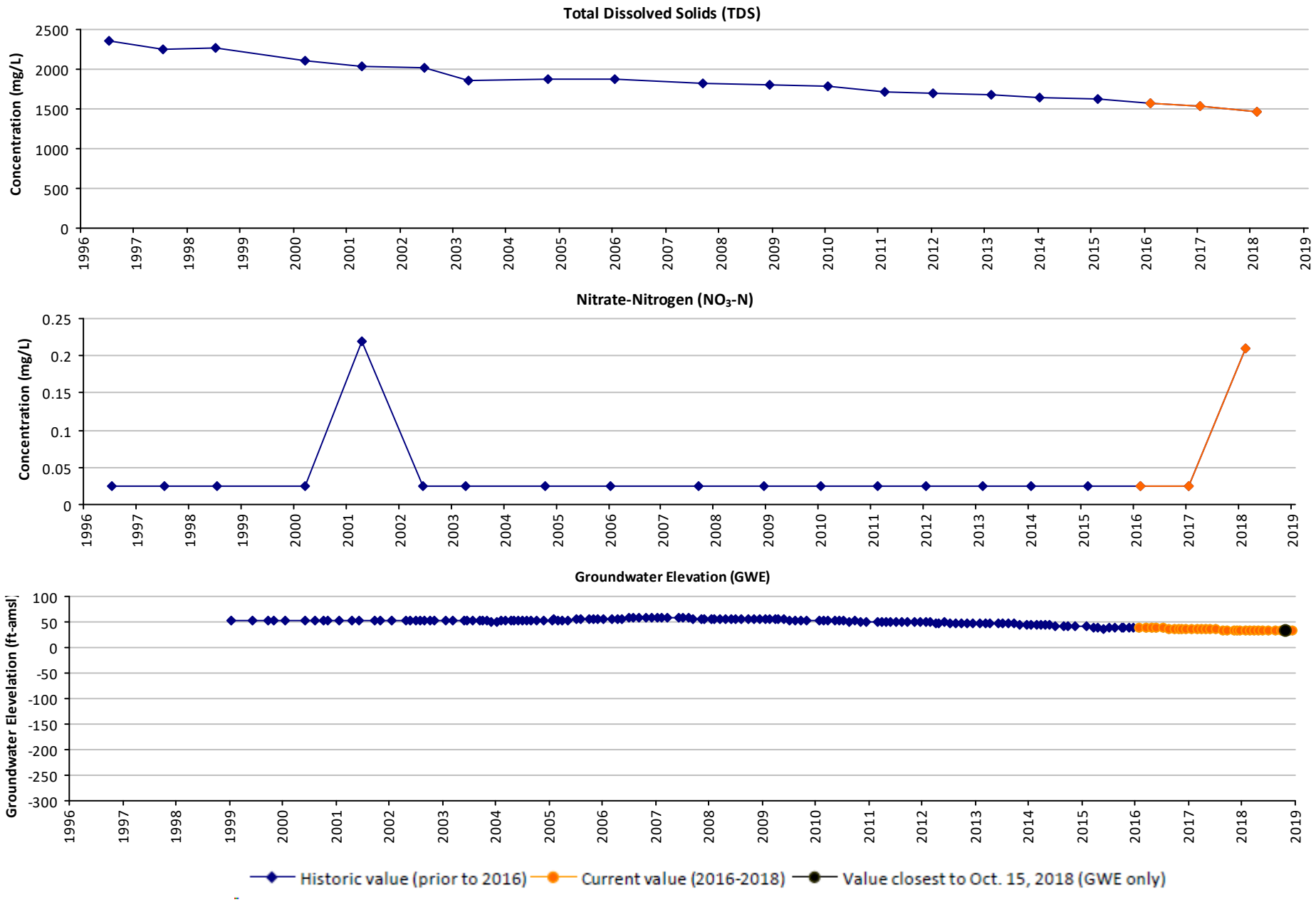
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
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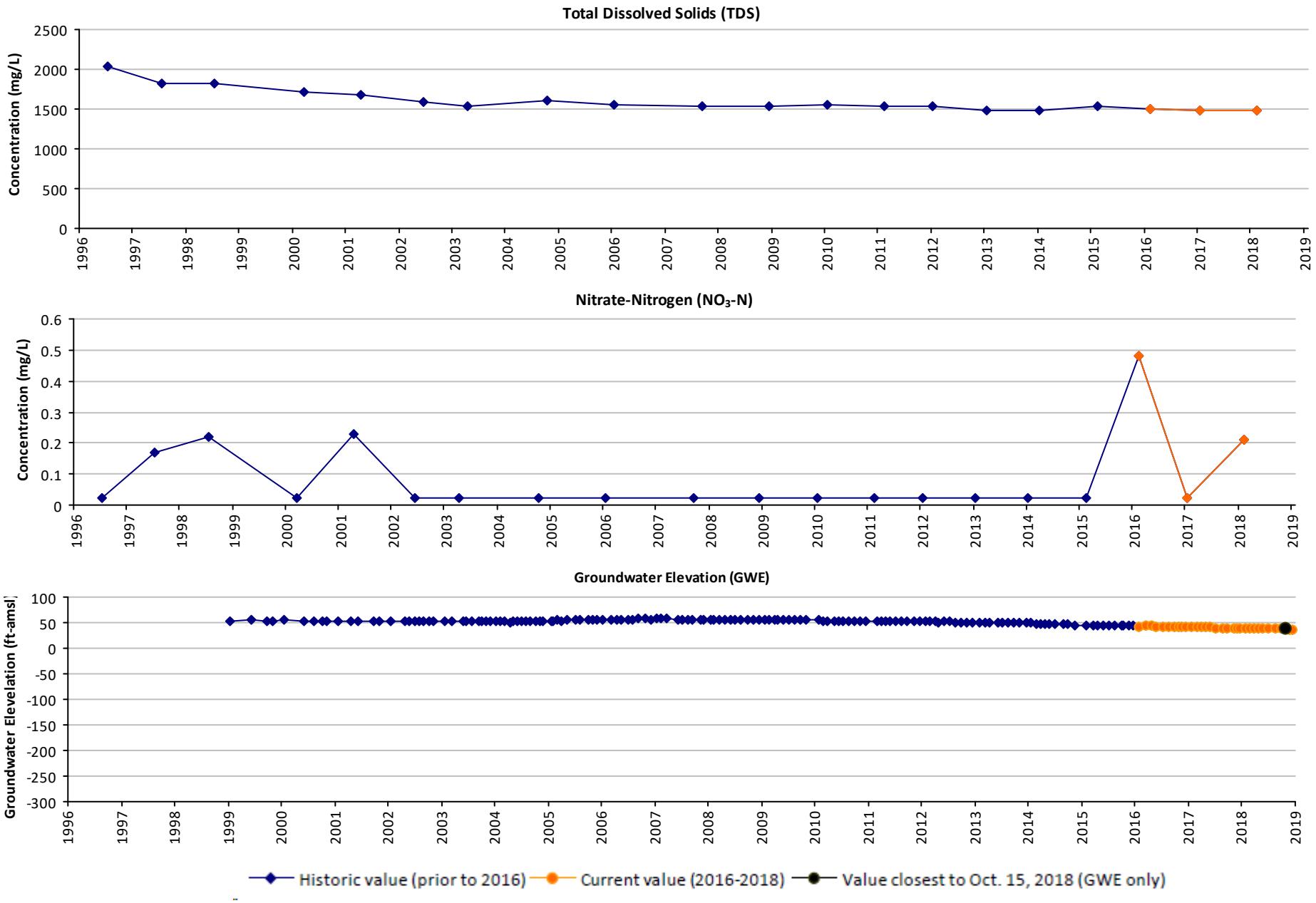
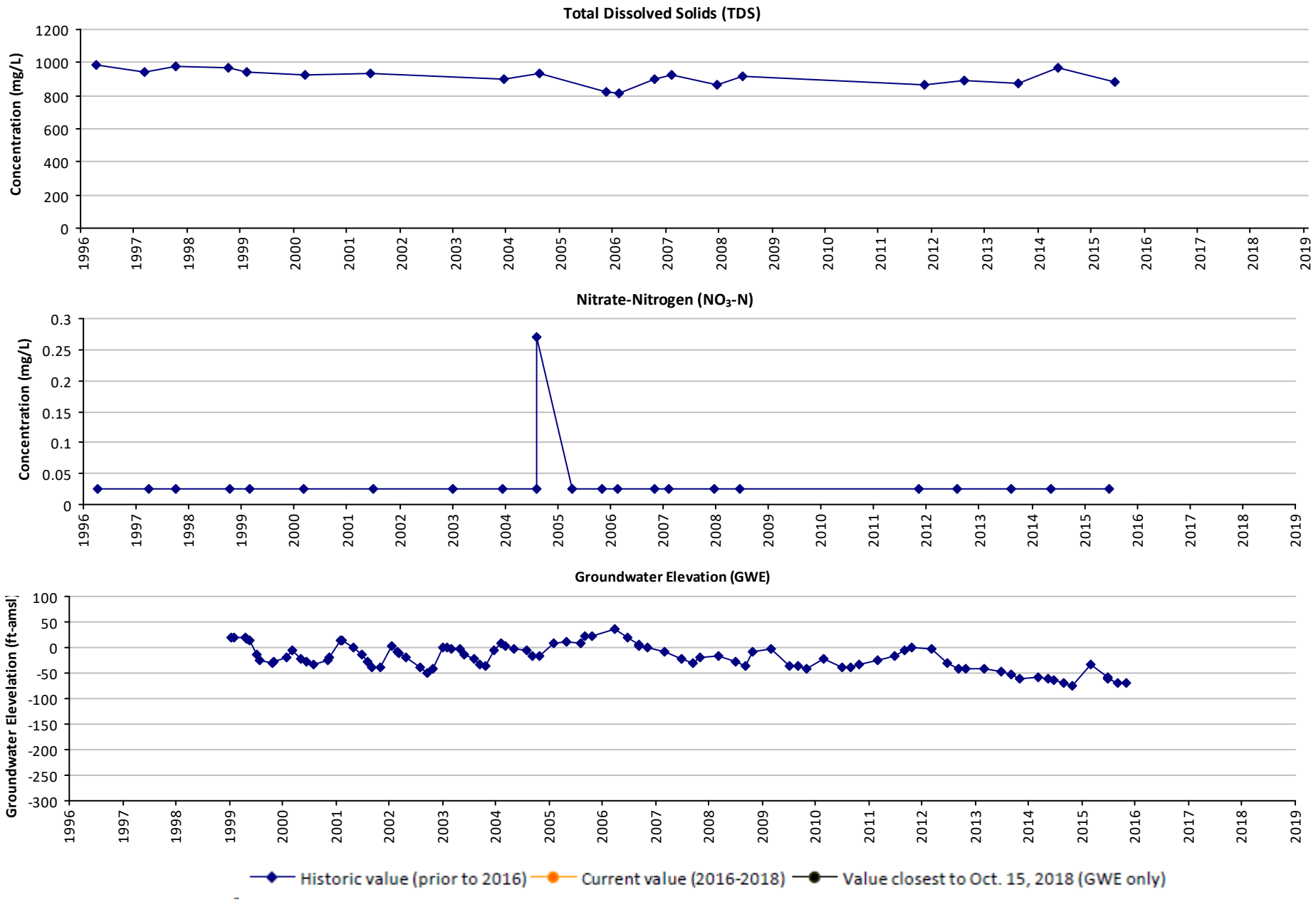
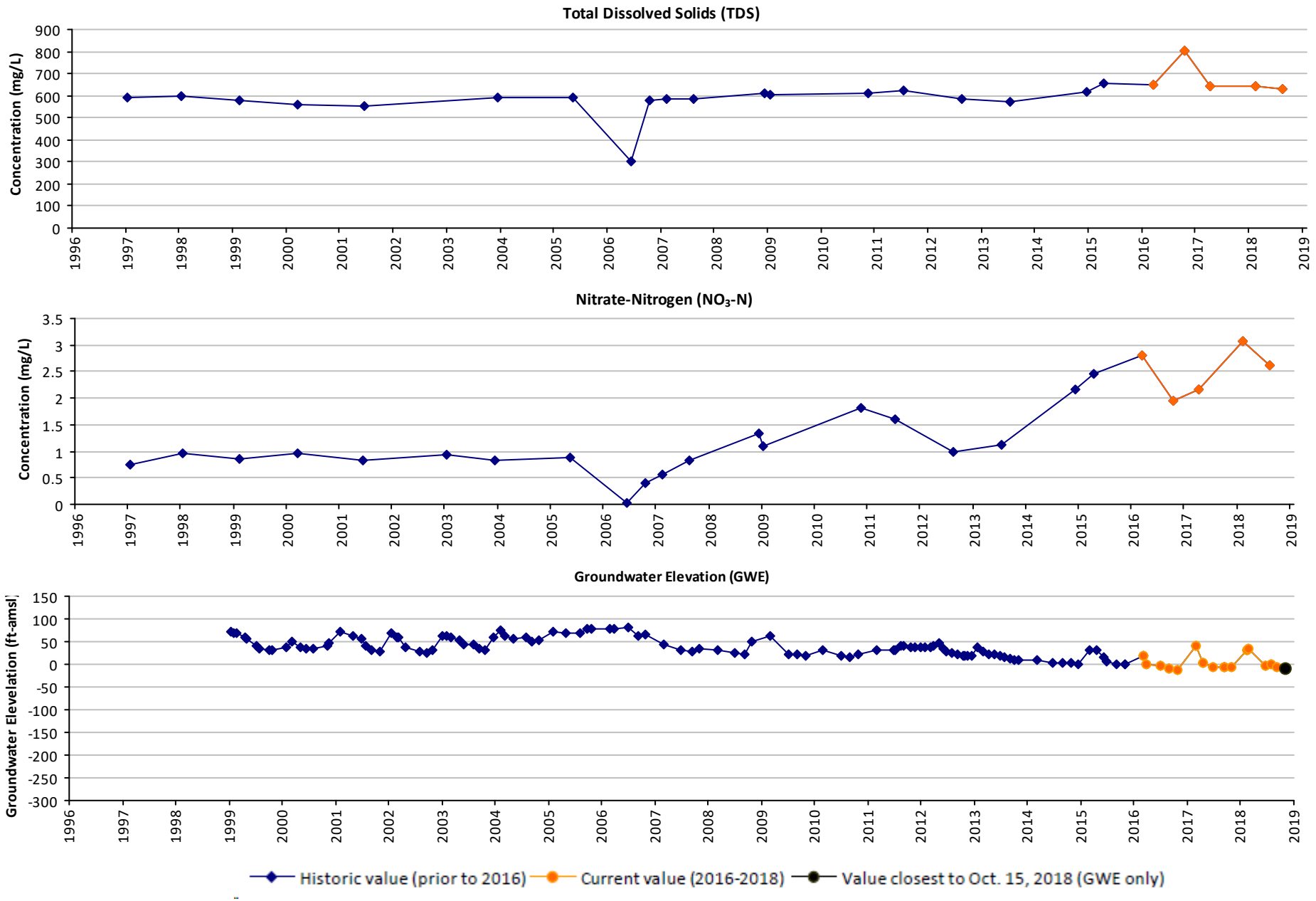
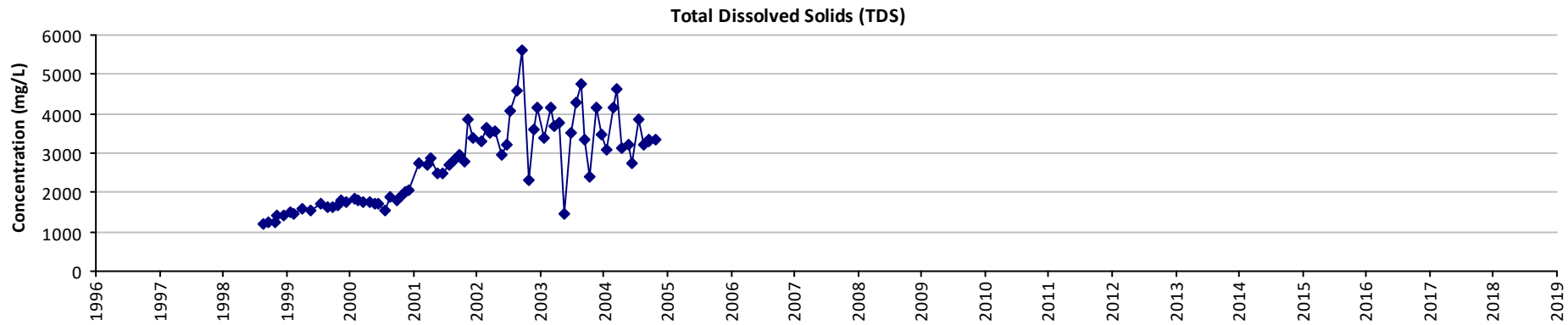
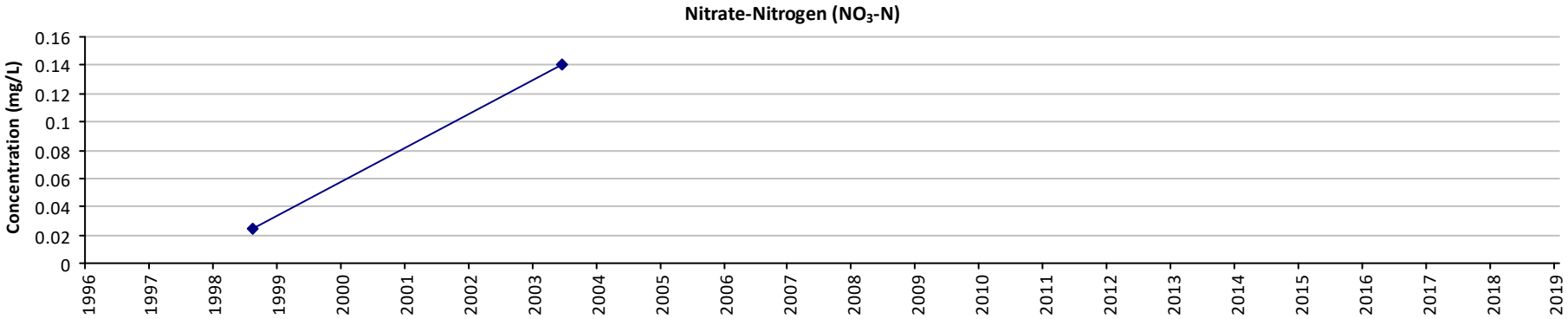
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

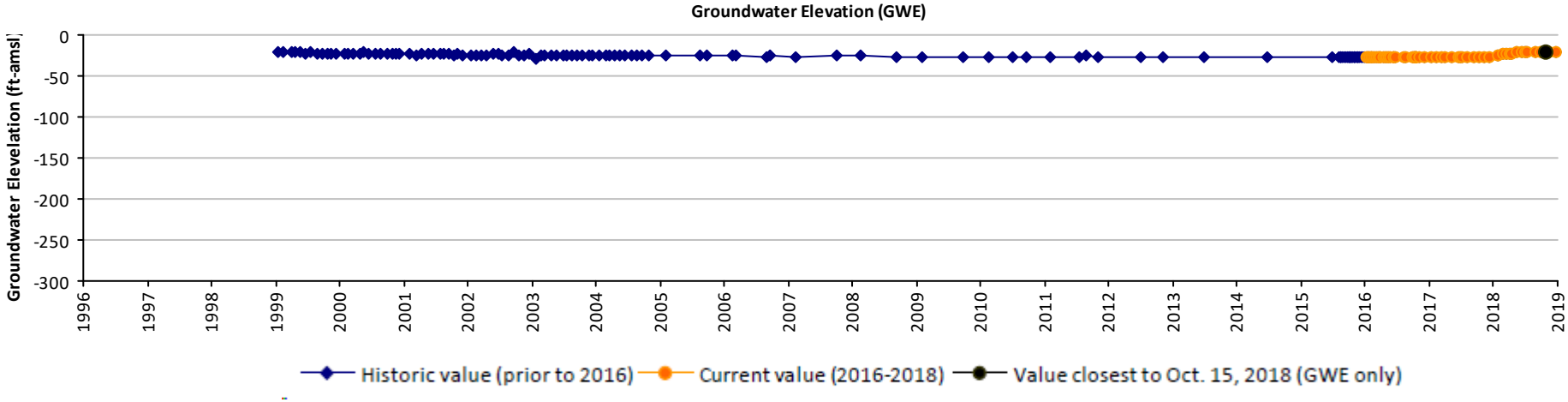

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

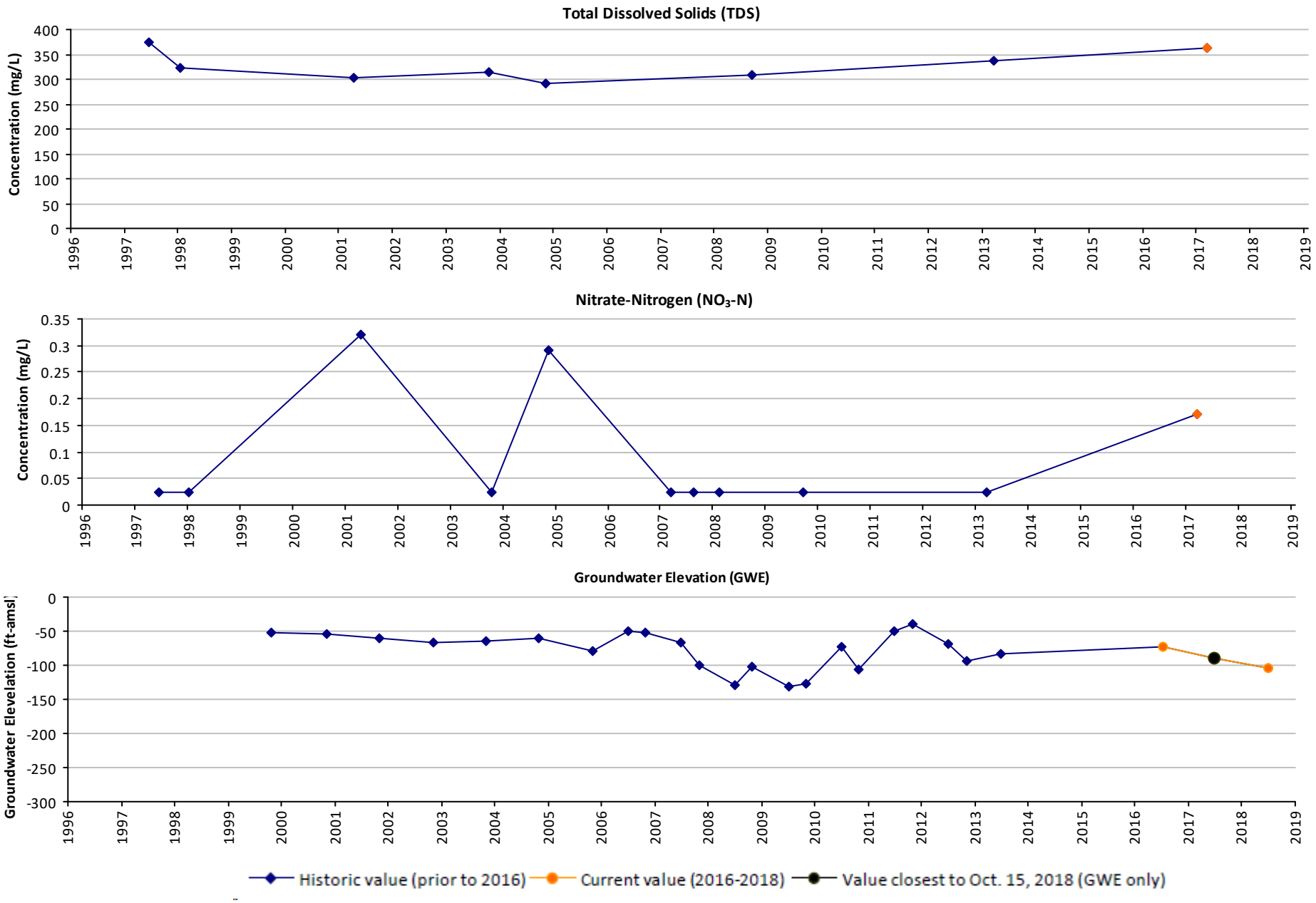

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

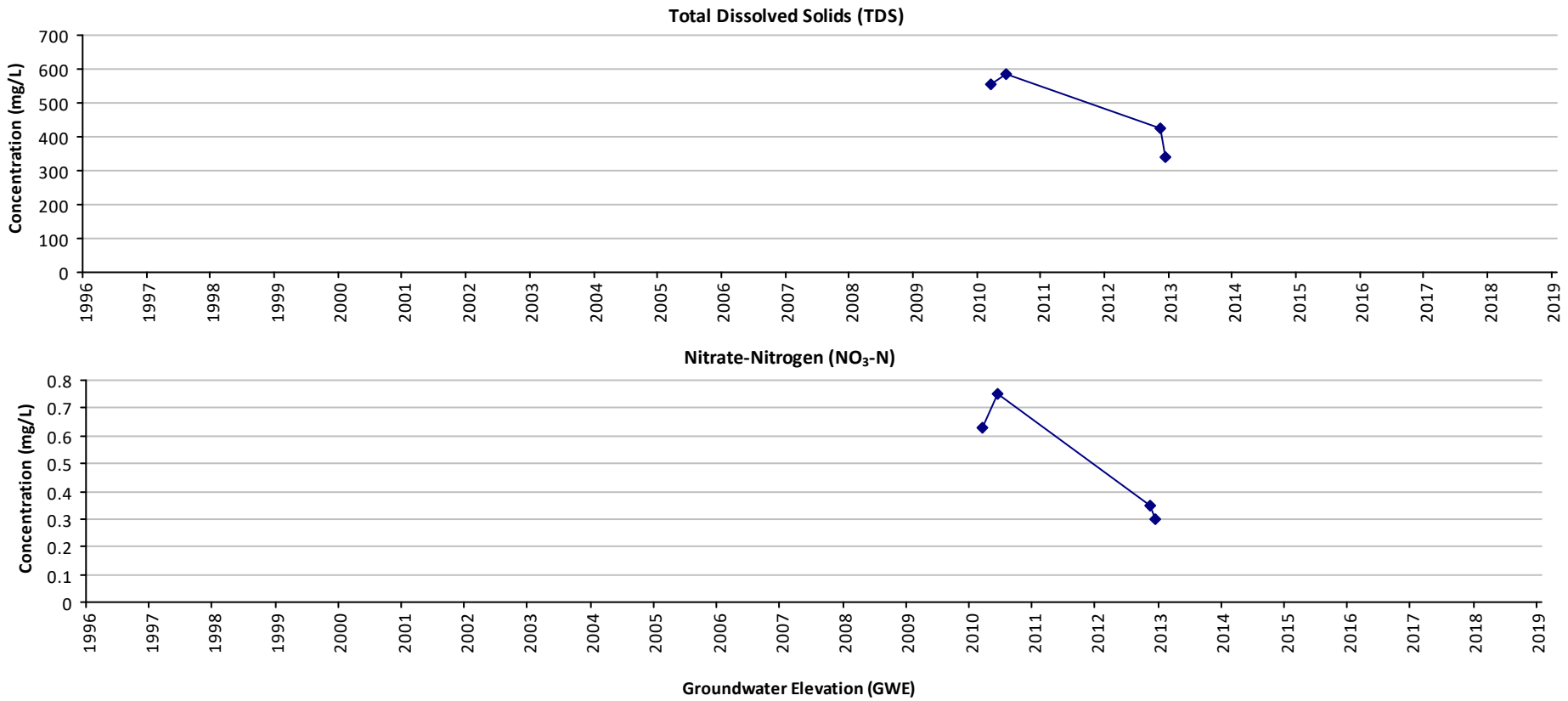

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

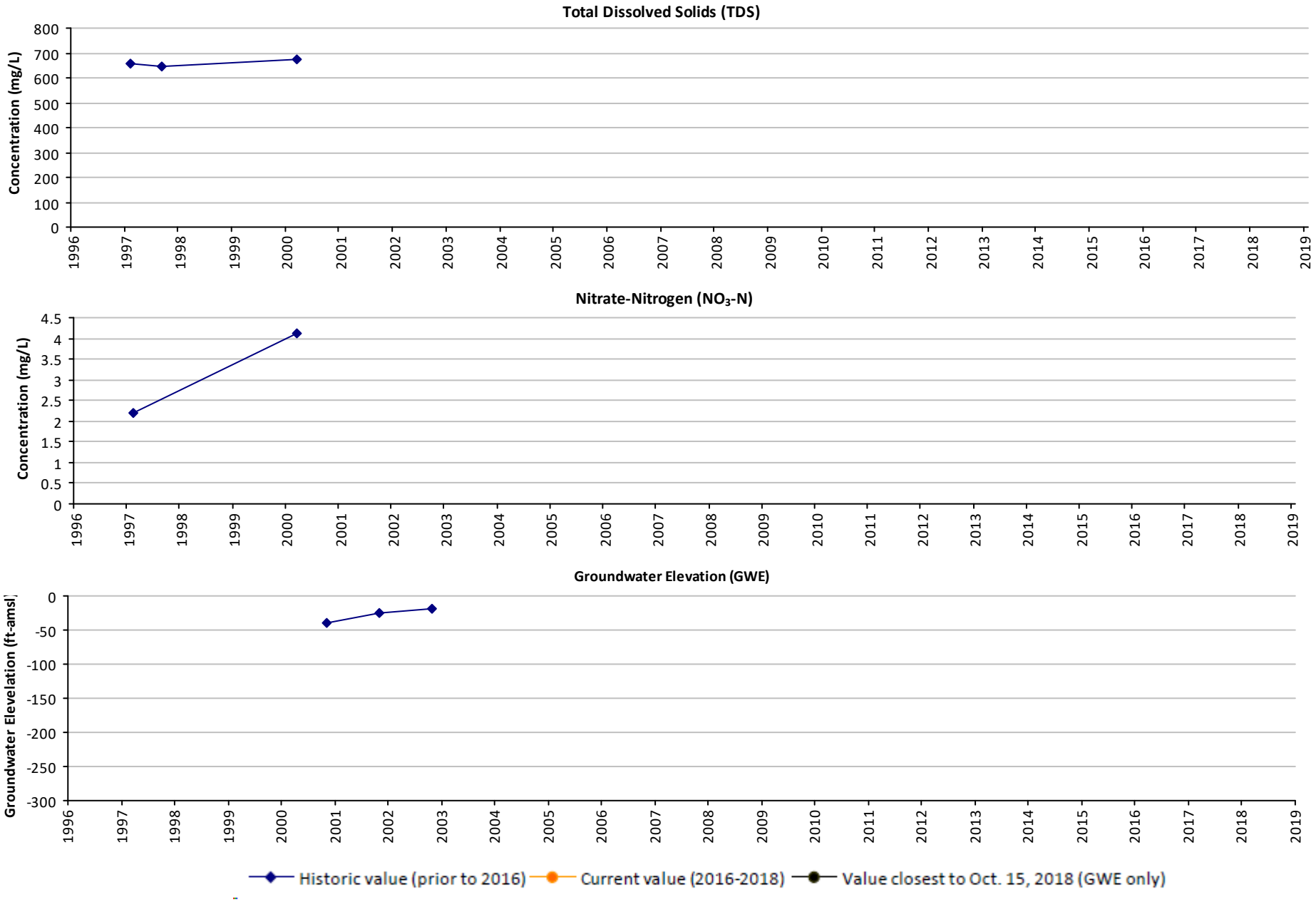

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
1000
2000
3000
4000
5000
6000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

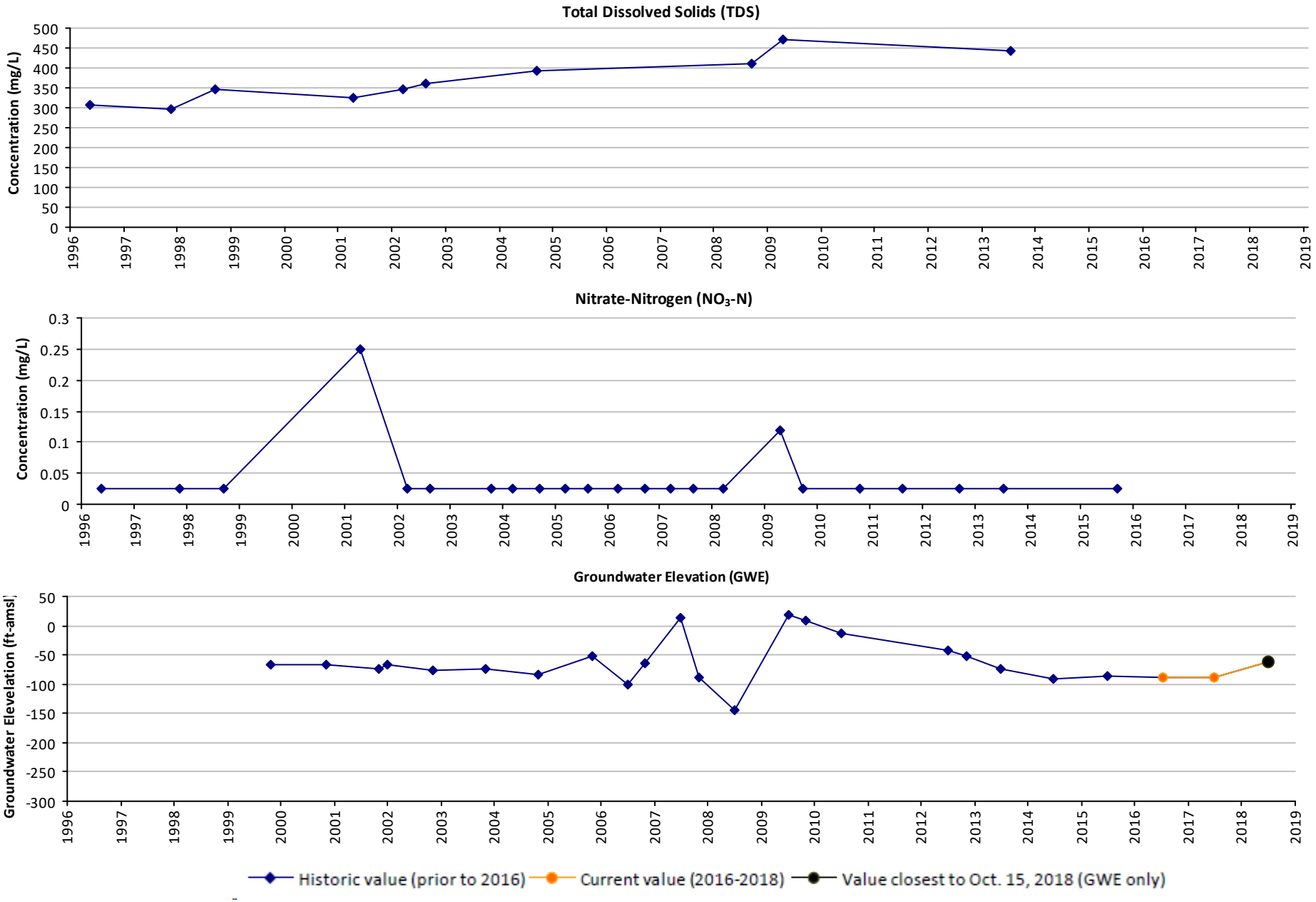

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

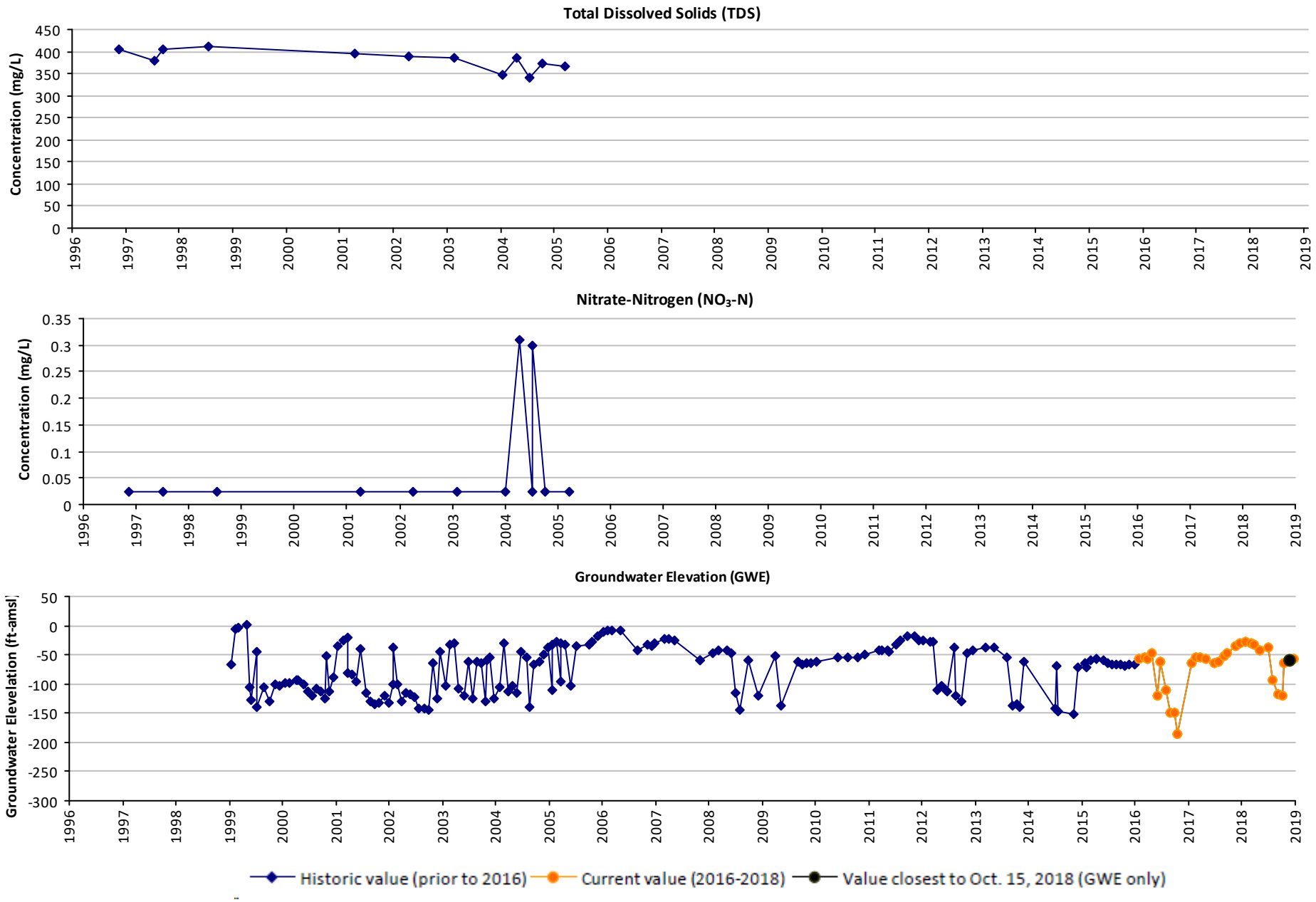

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

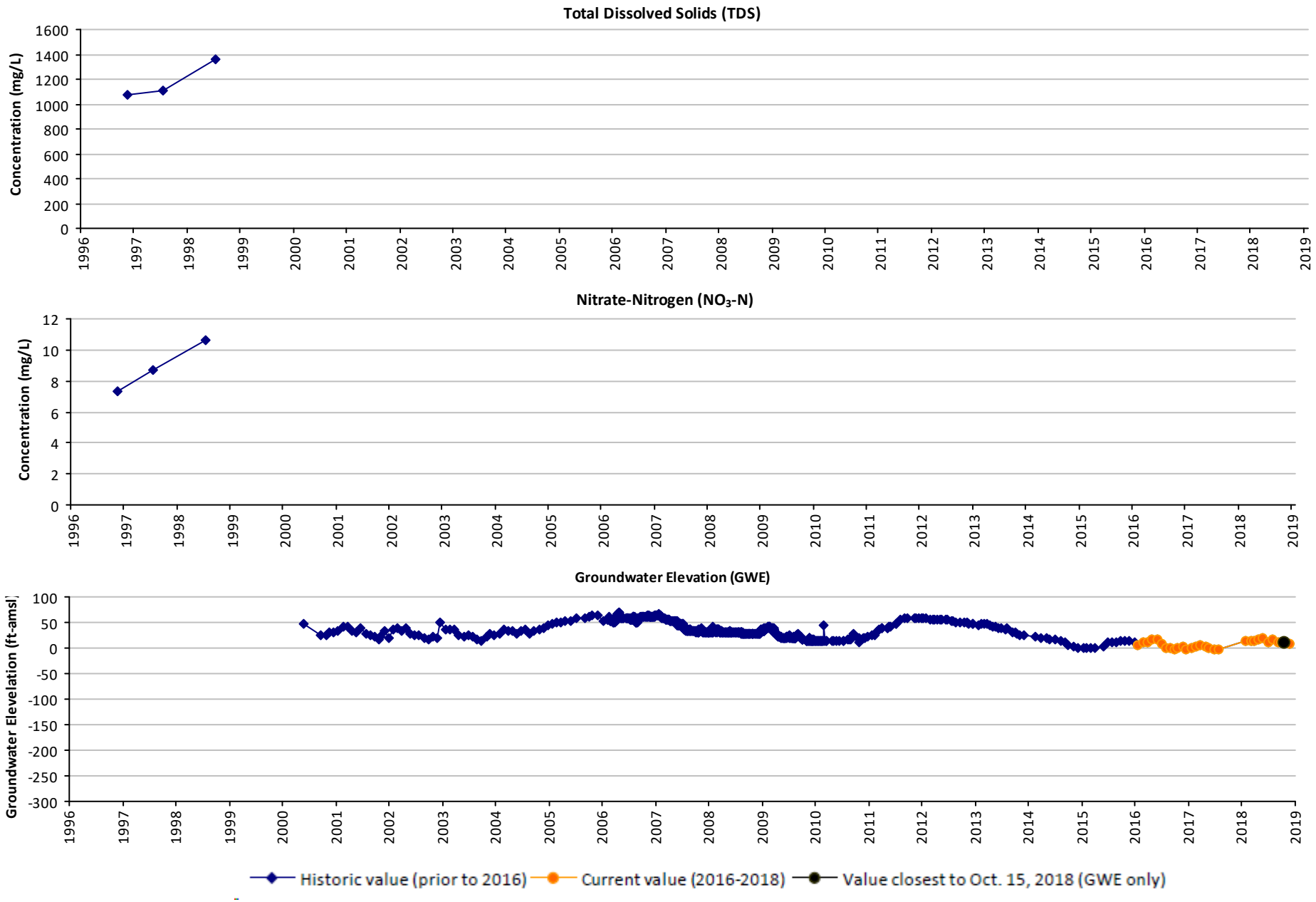

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

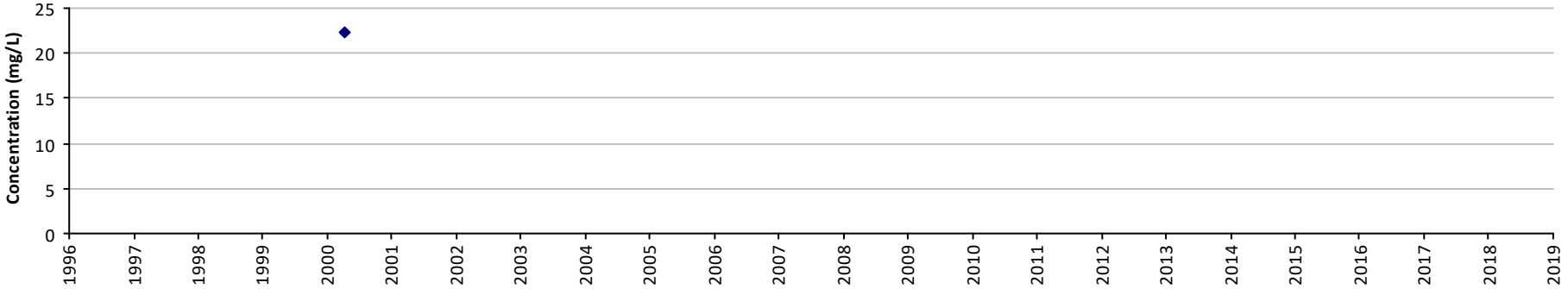

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

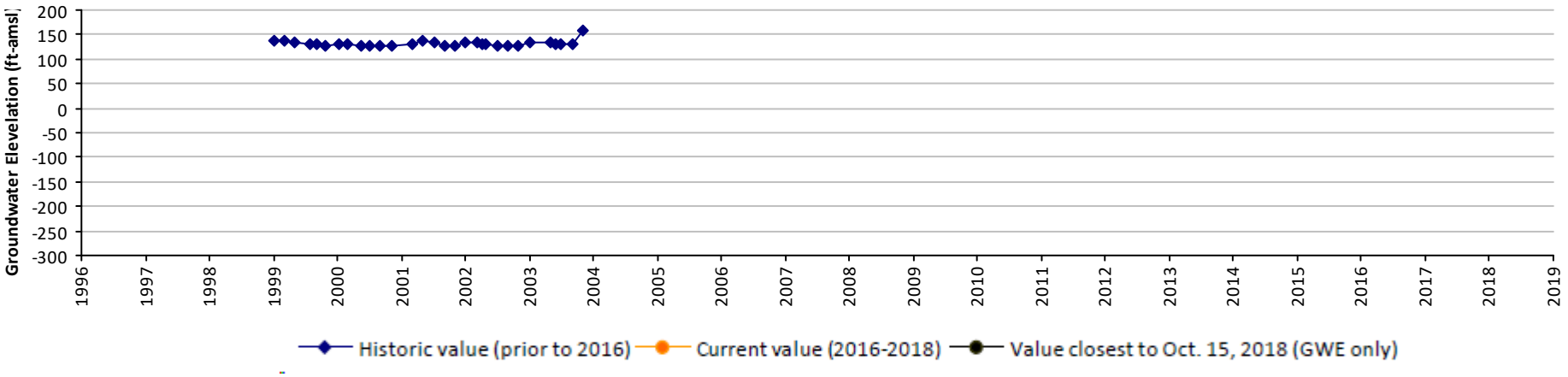

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

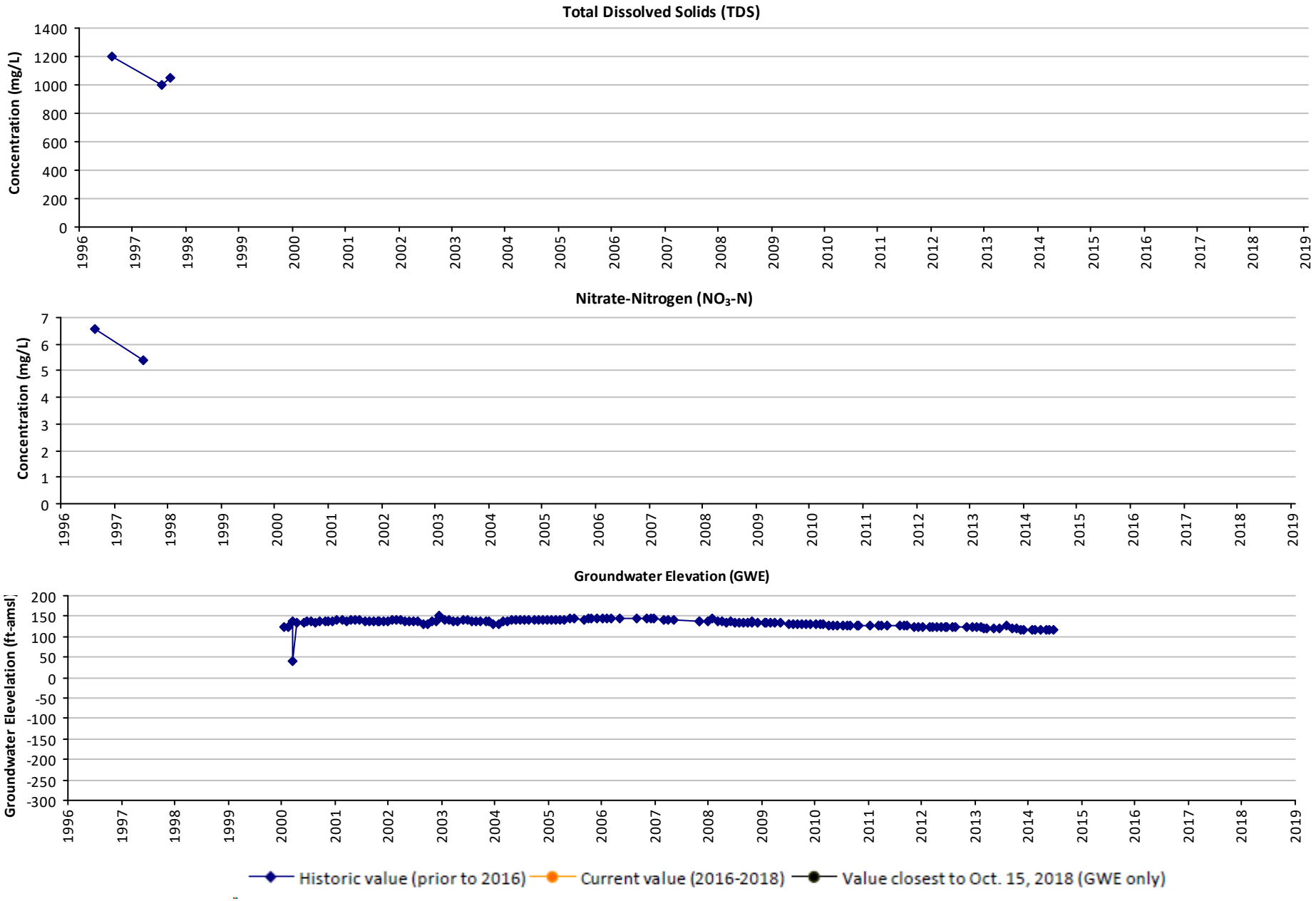
Total Dissolved Solids (TDS)

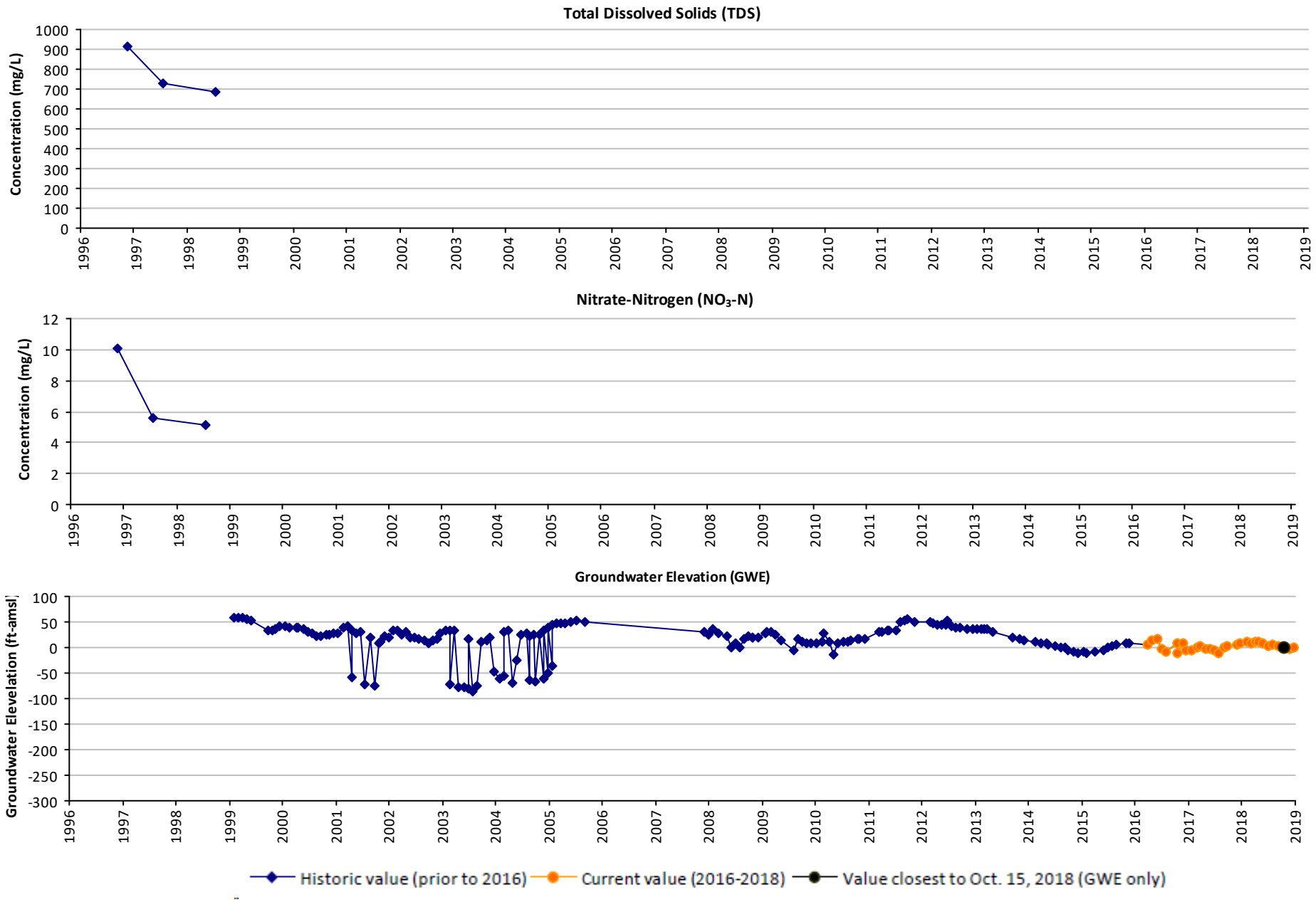
Nitrate-Nitrogen (NO_3-N)

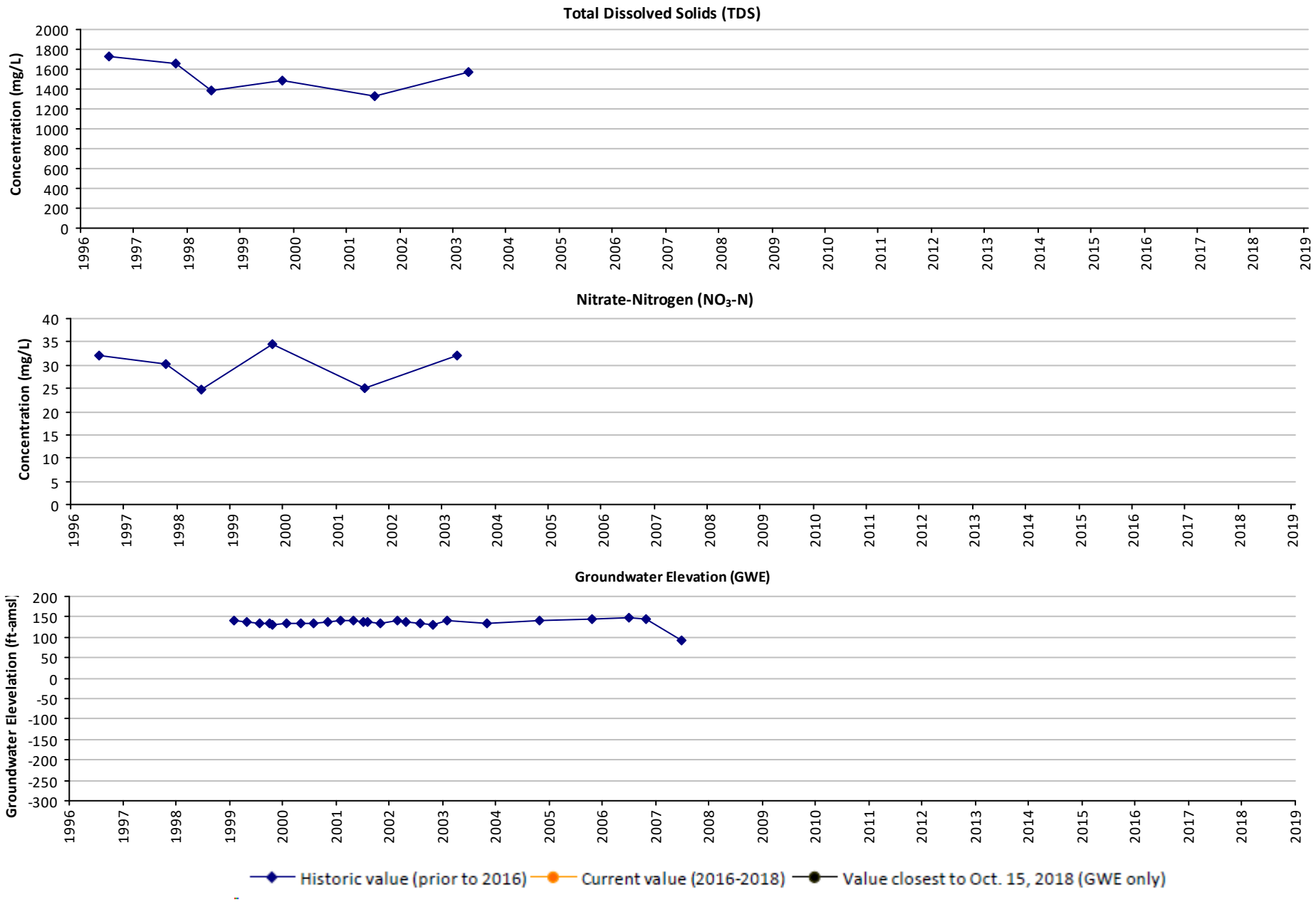


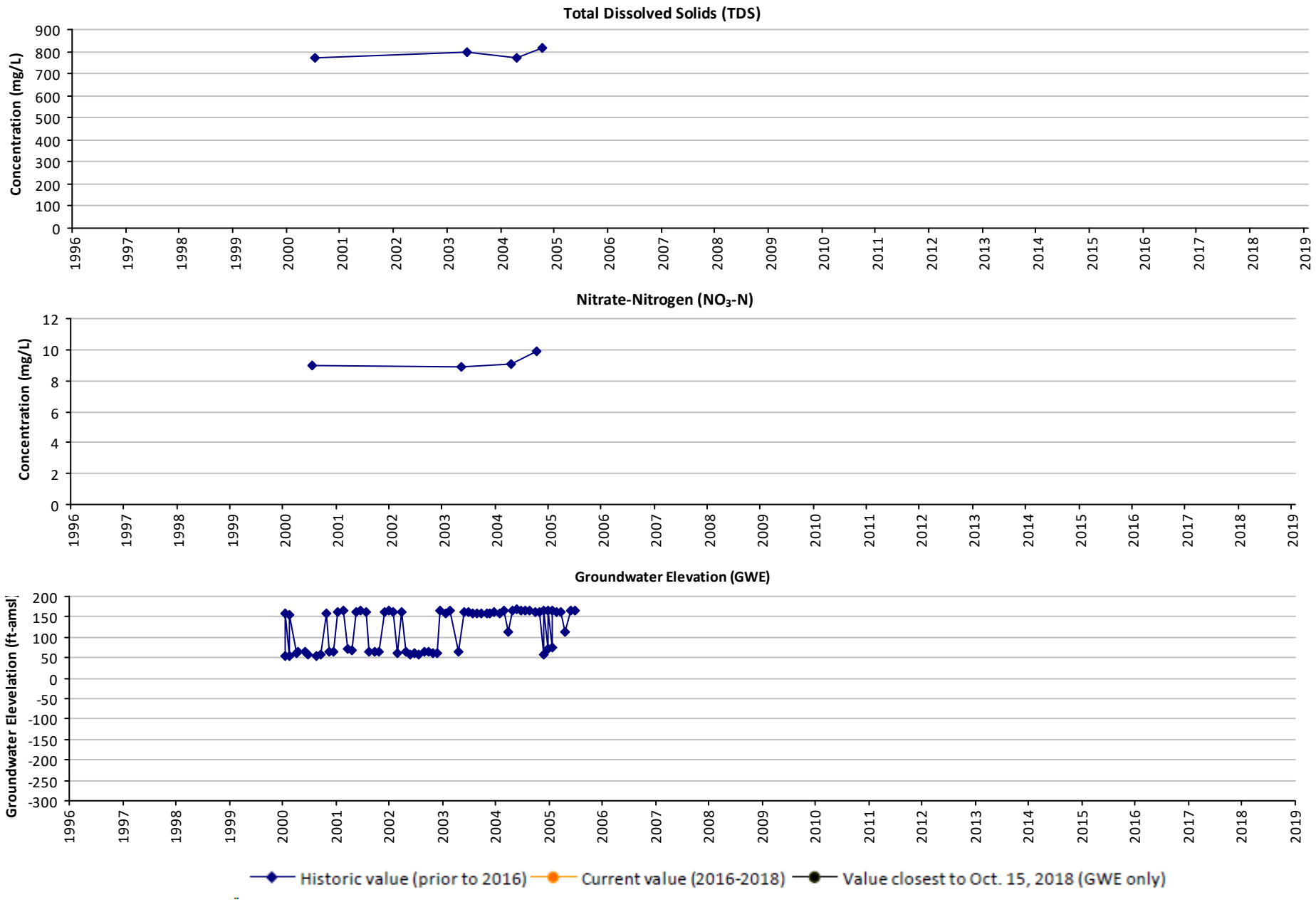
Groundwater Elevation (GWE)



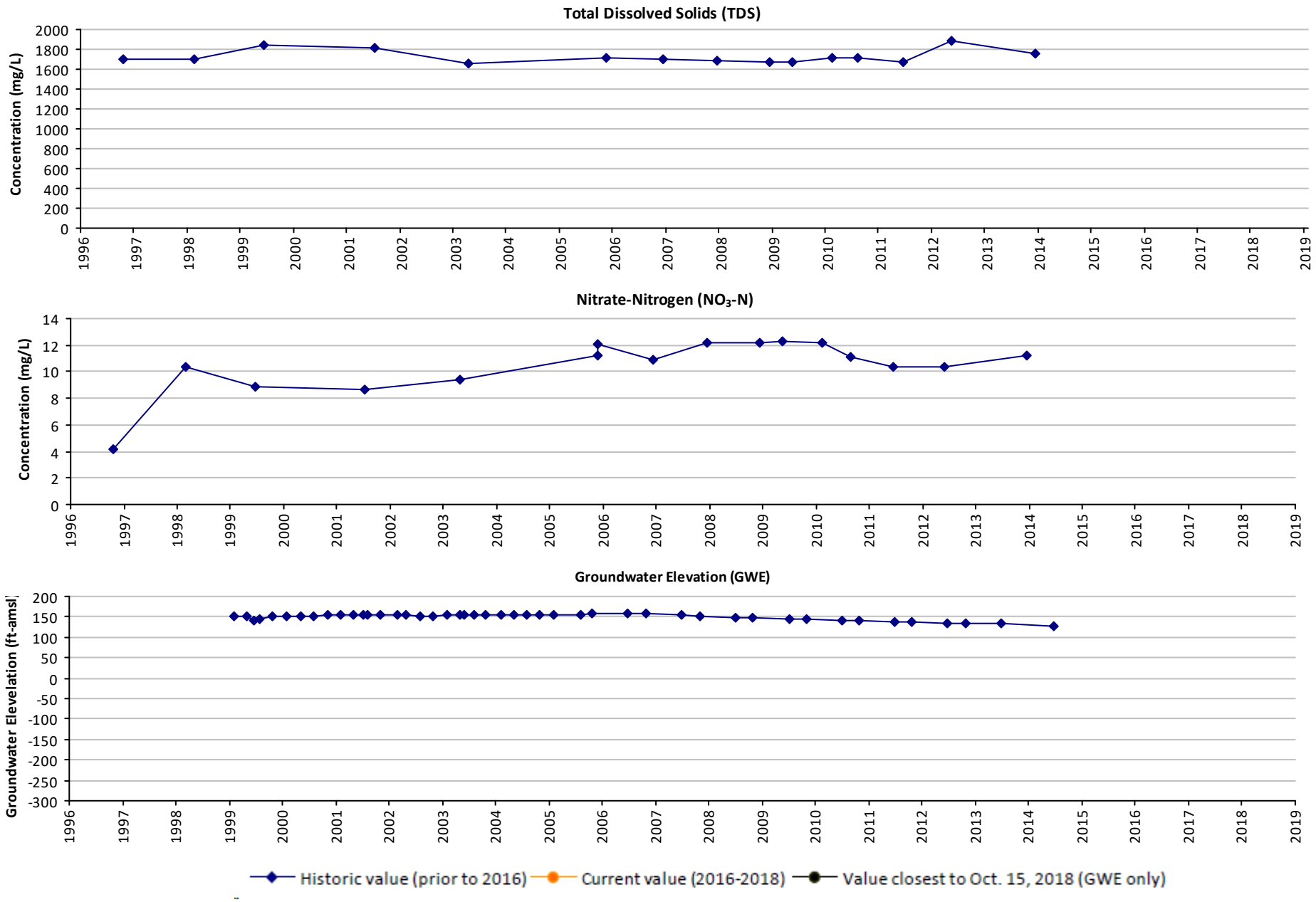

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

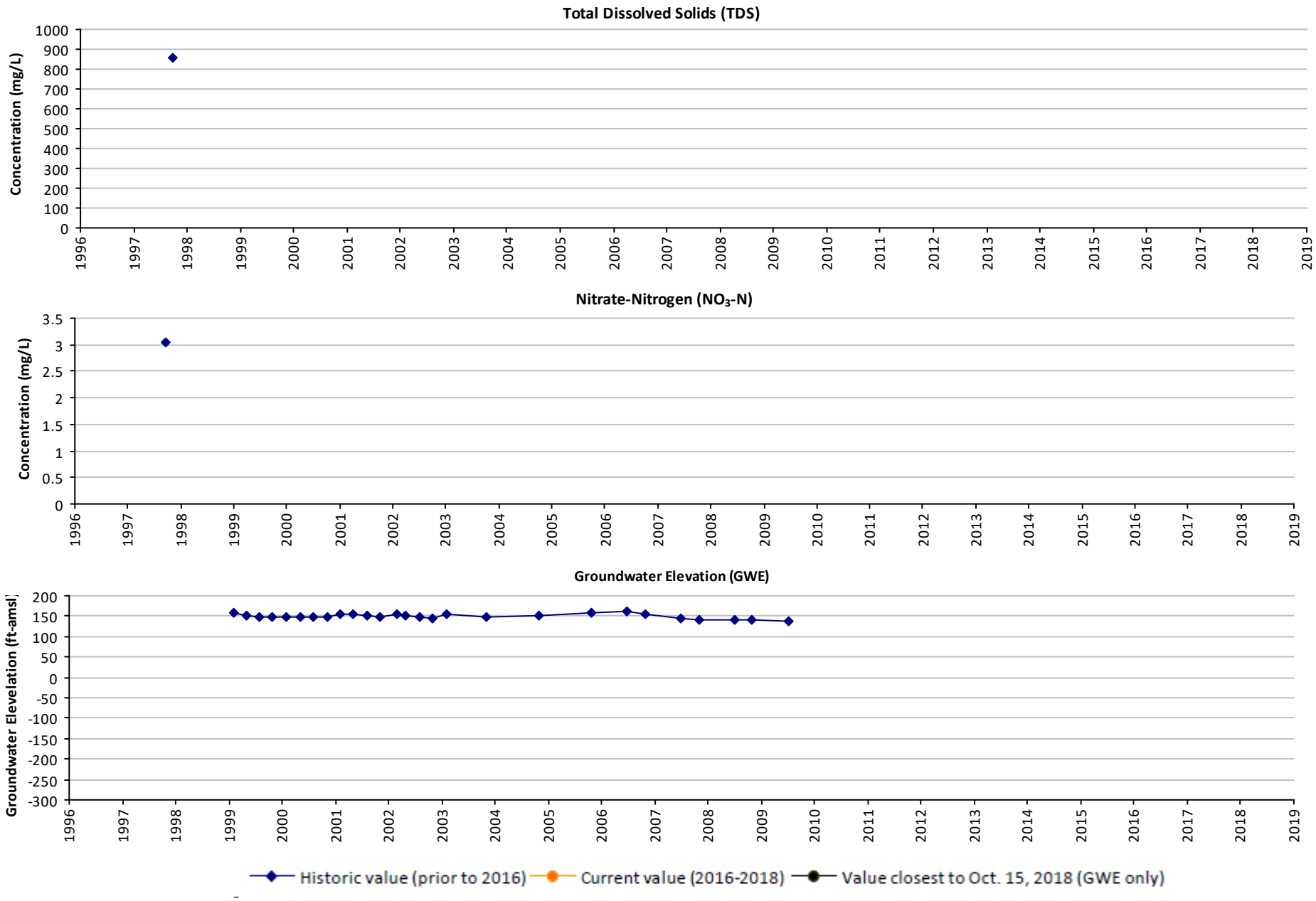

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

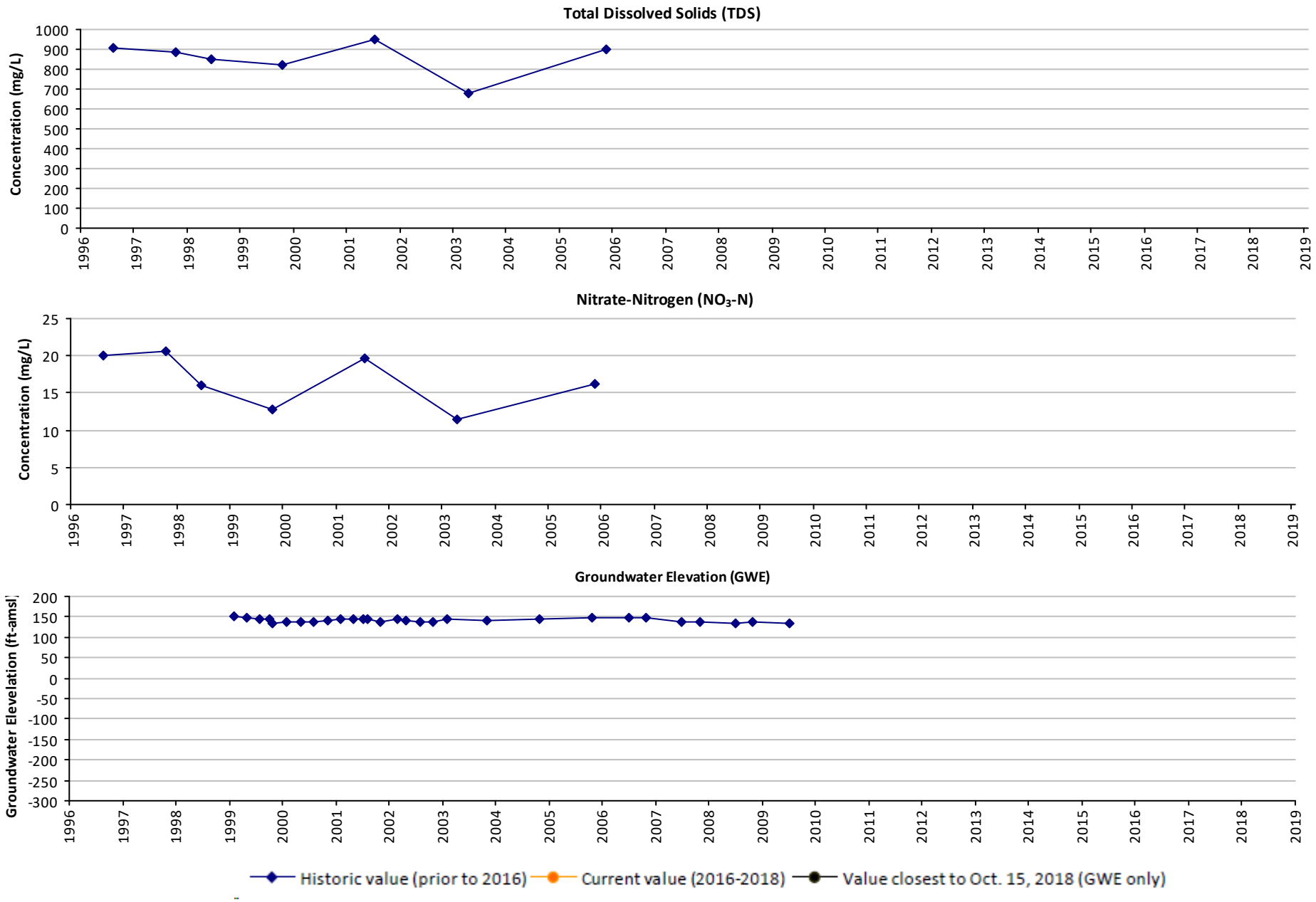

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

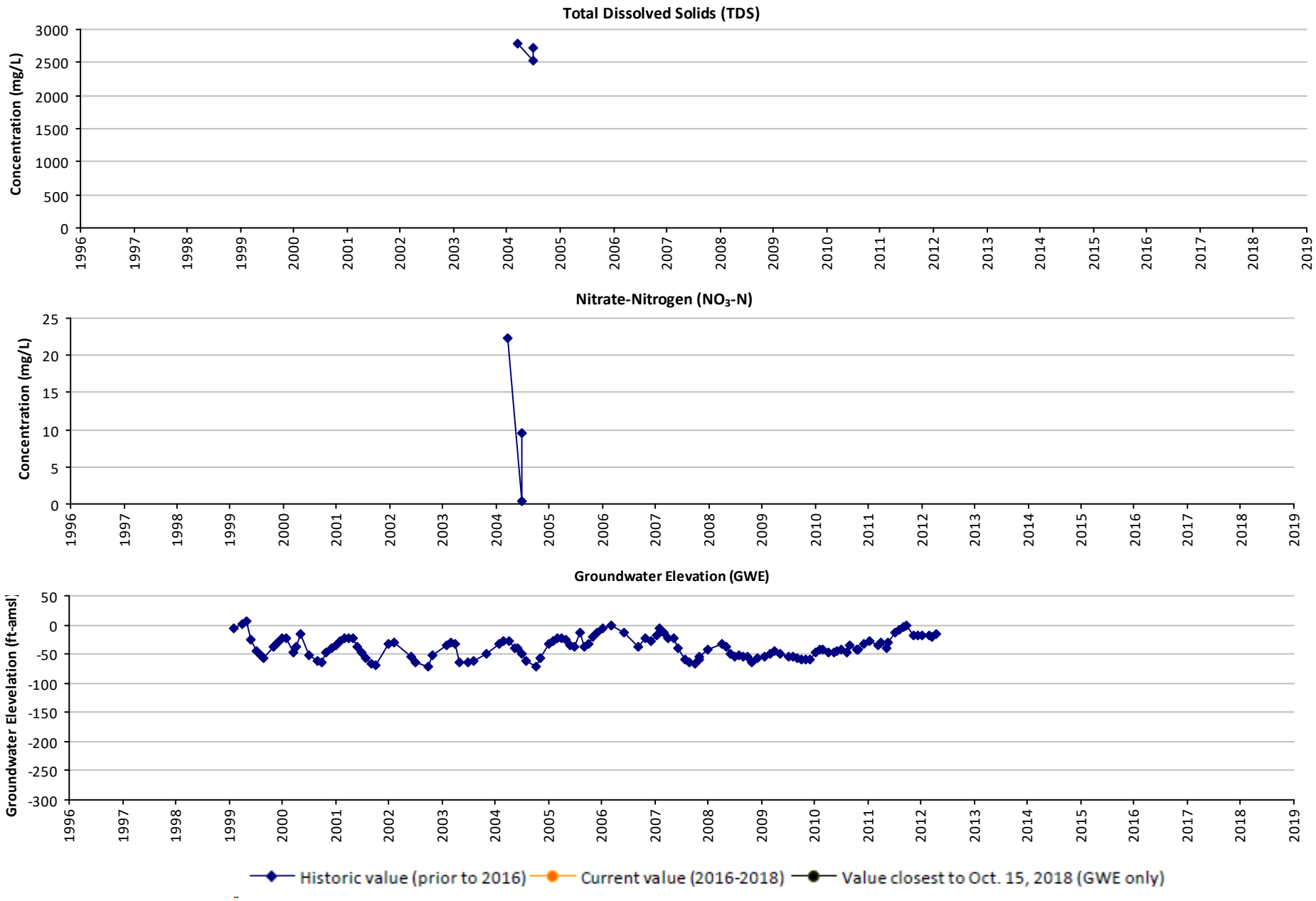

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

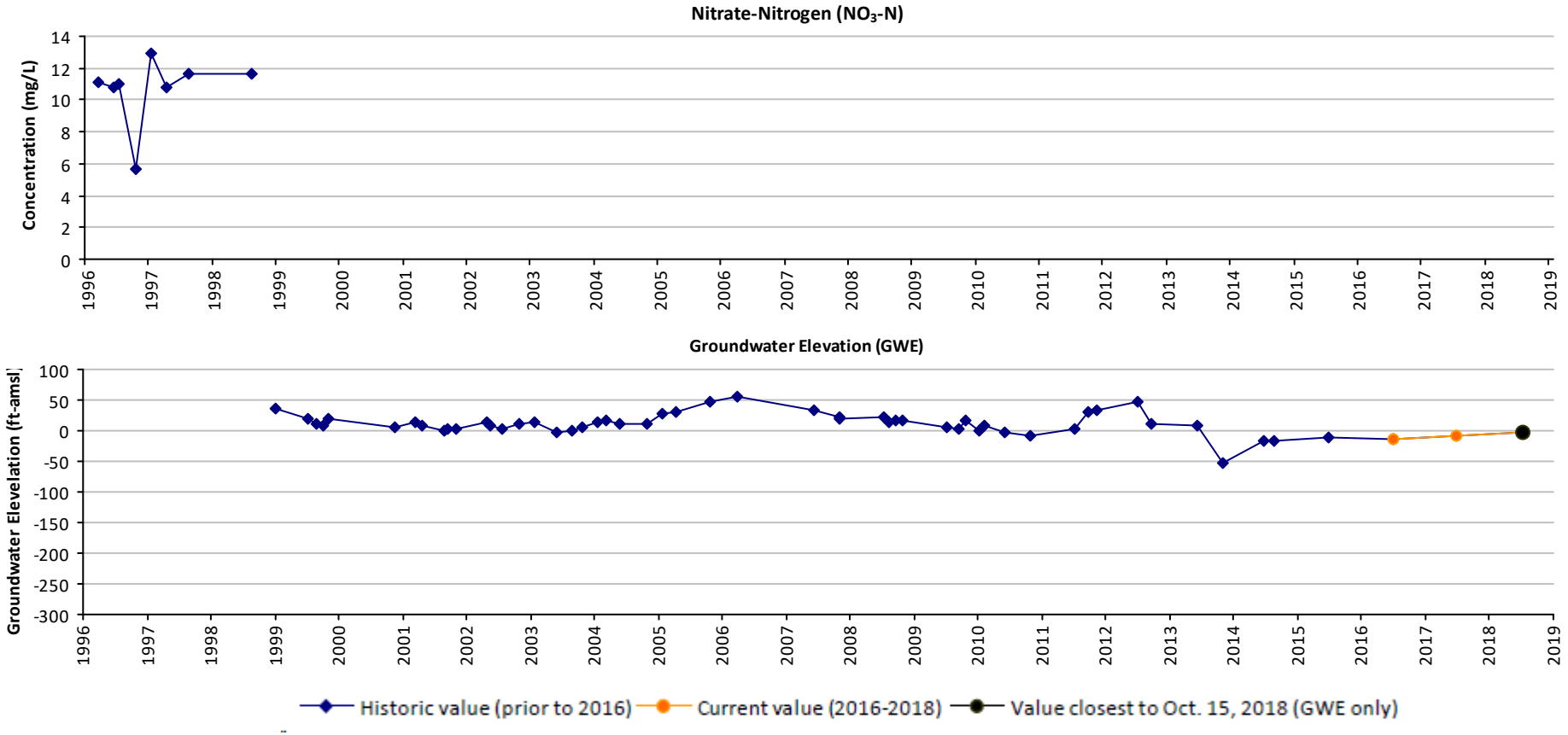

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

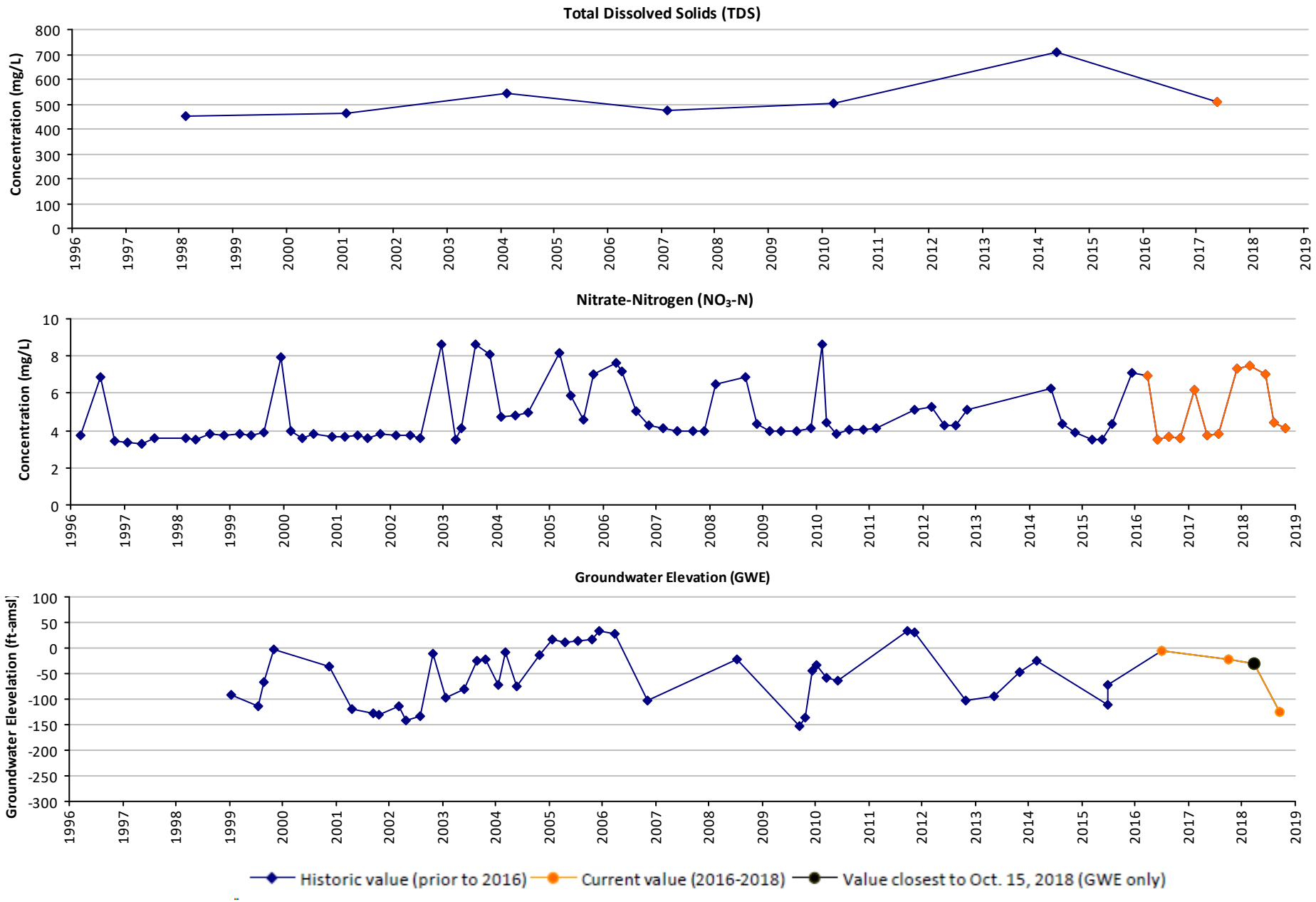

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

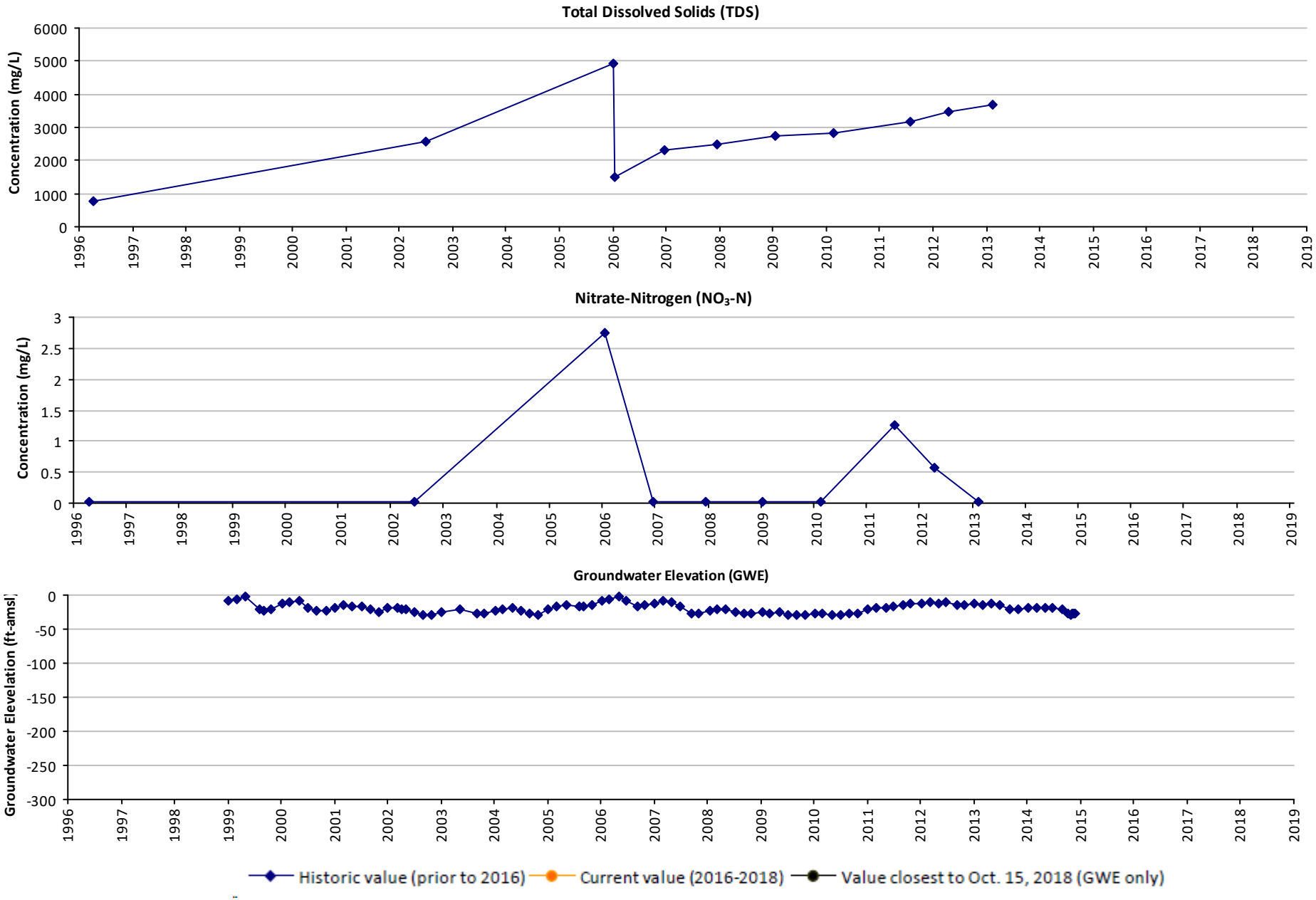

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



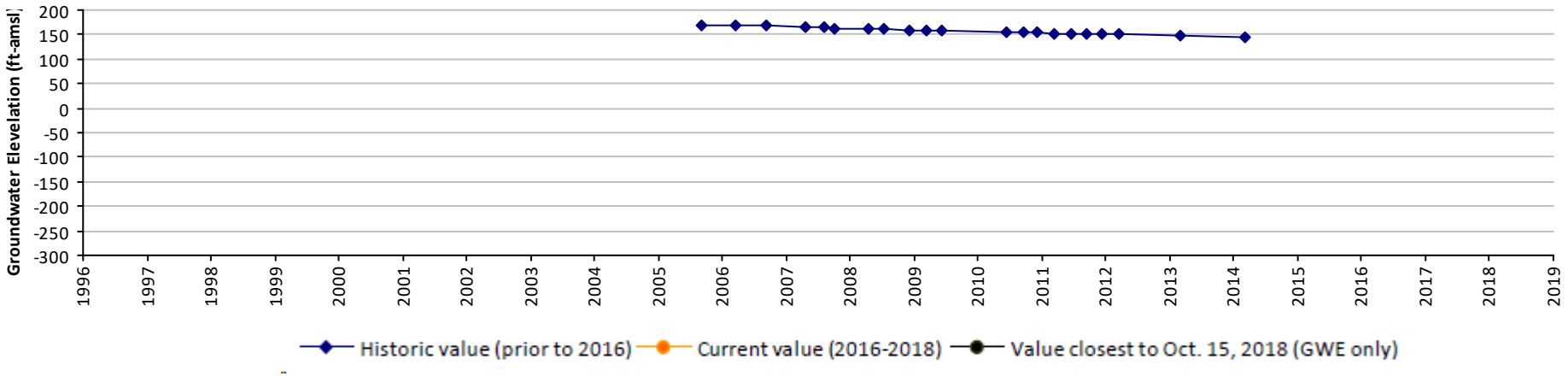

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

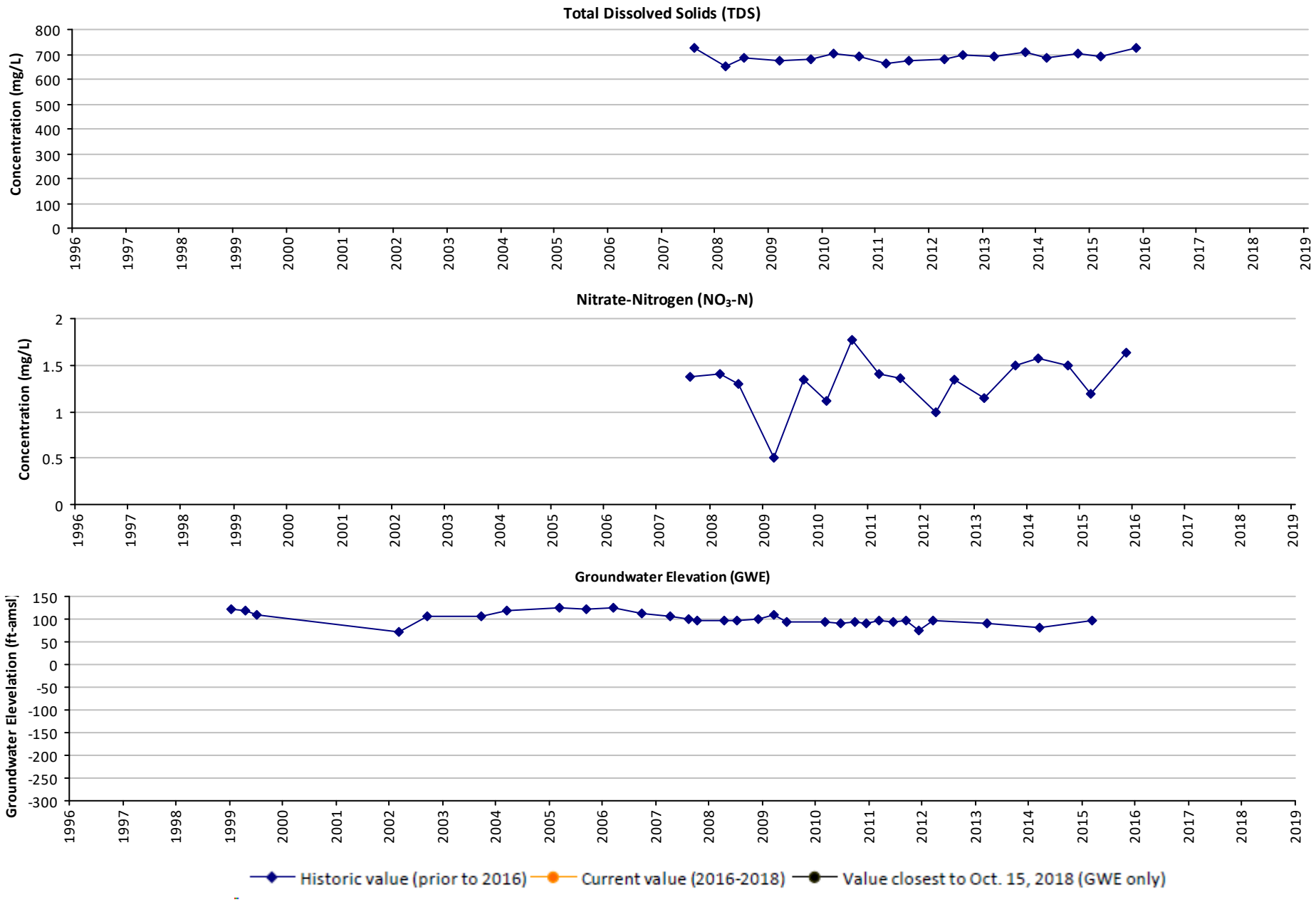

Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

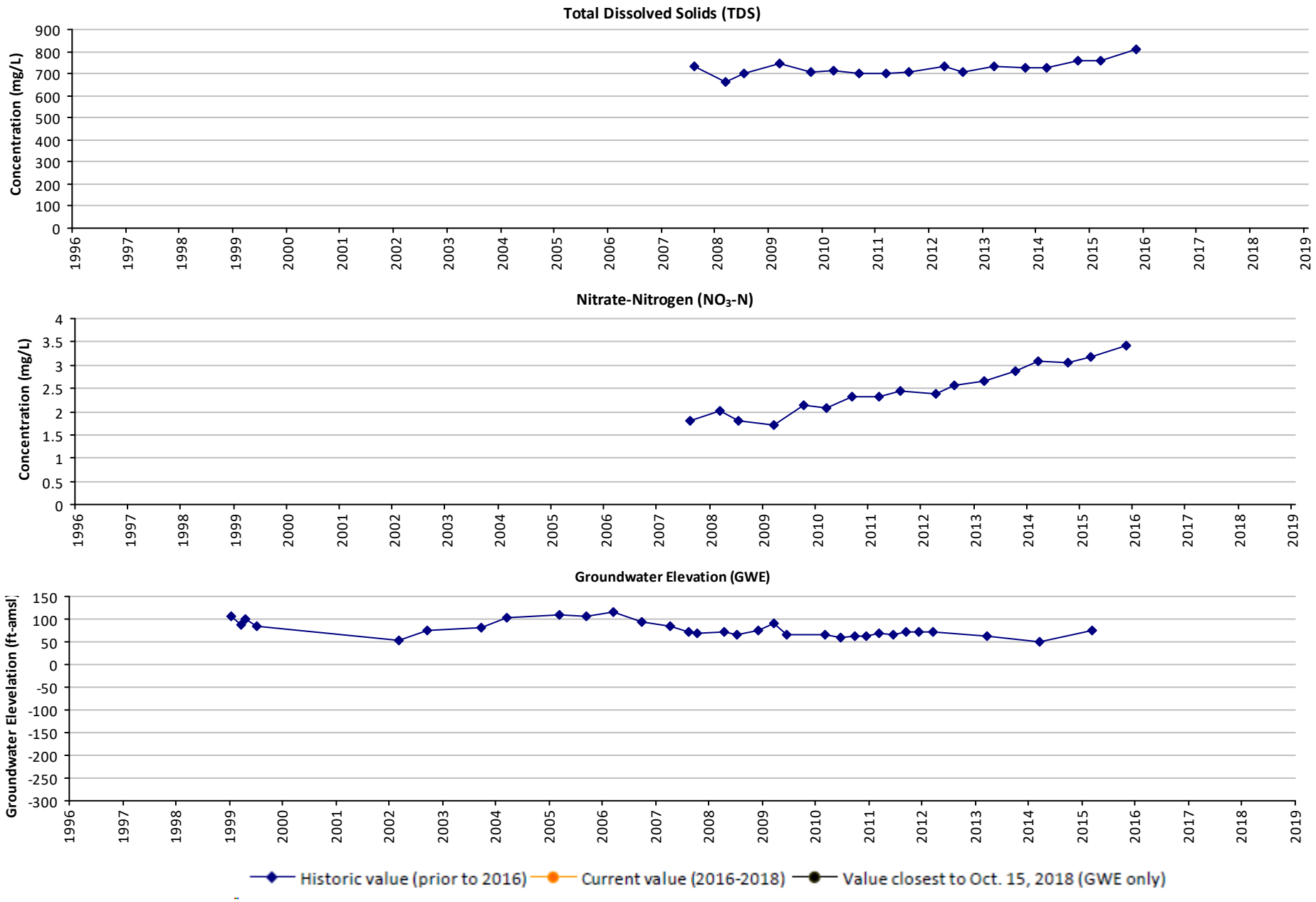
Total Dissolved Solids (TDS)

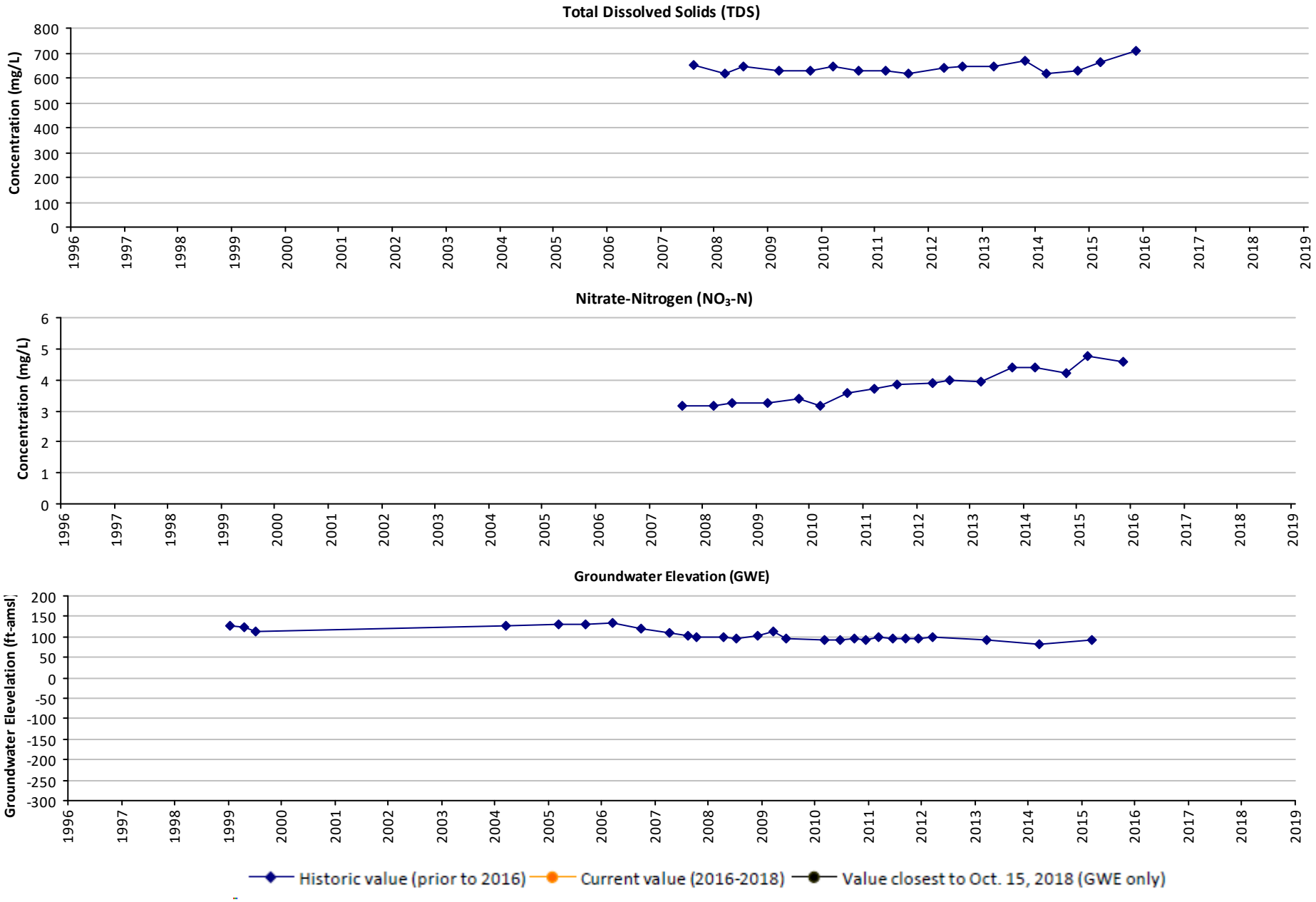
Nitrate-Nitrogen (NO_3-N)

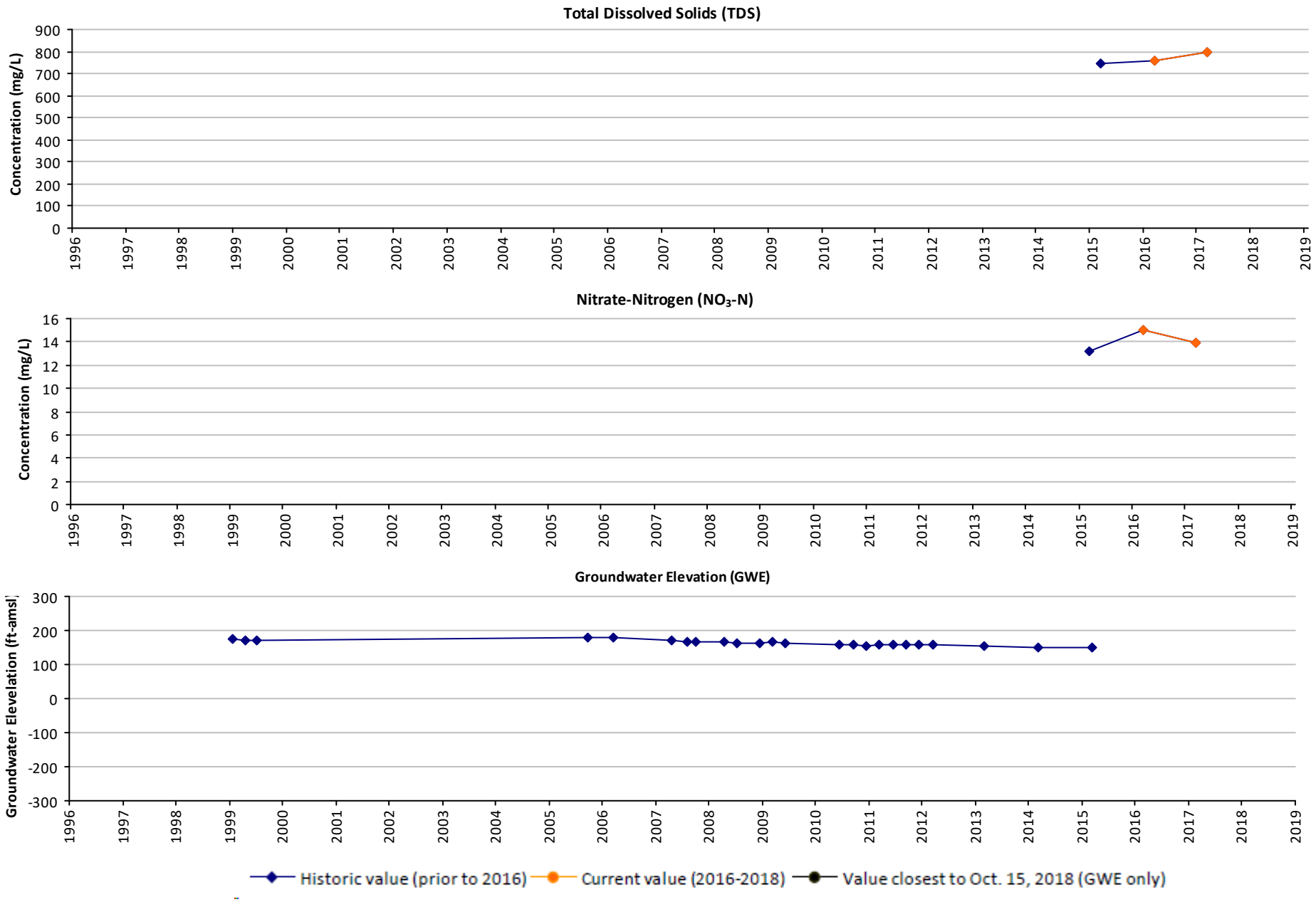
Groundwater Elevation (GWE)

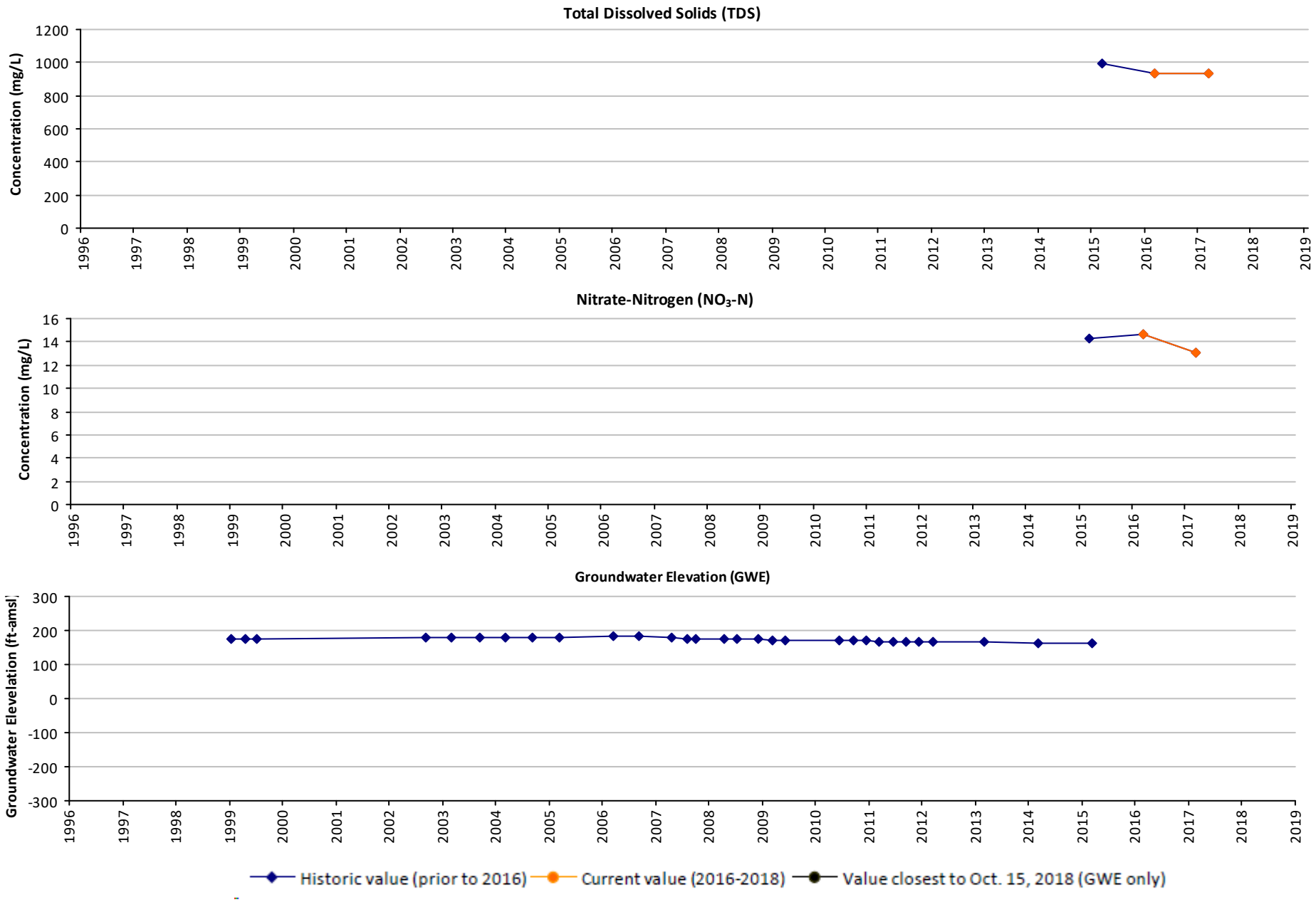


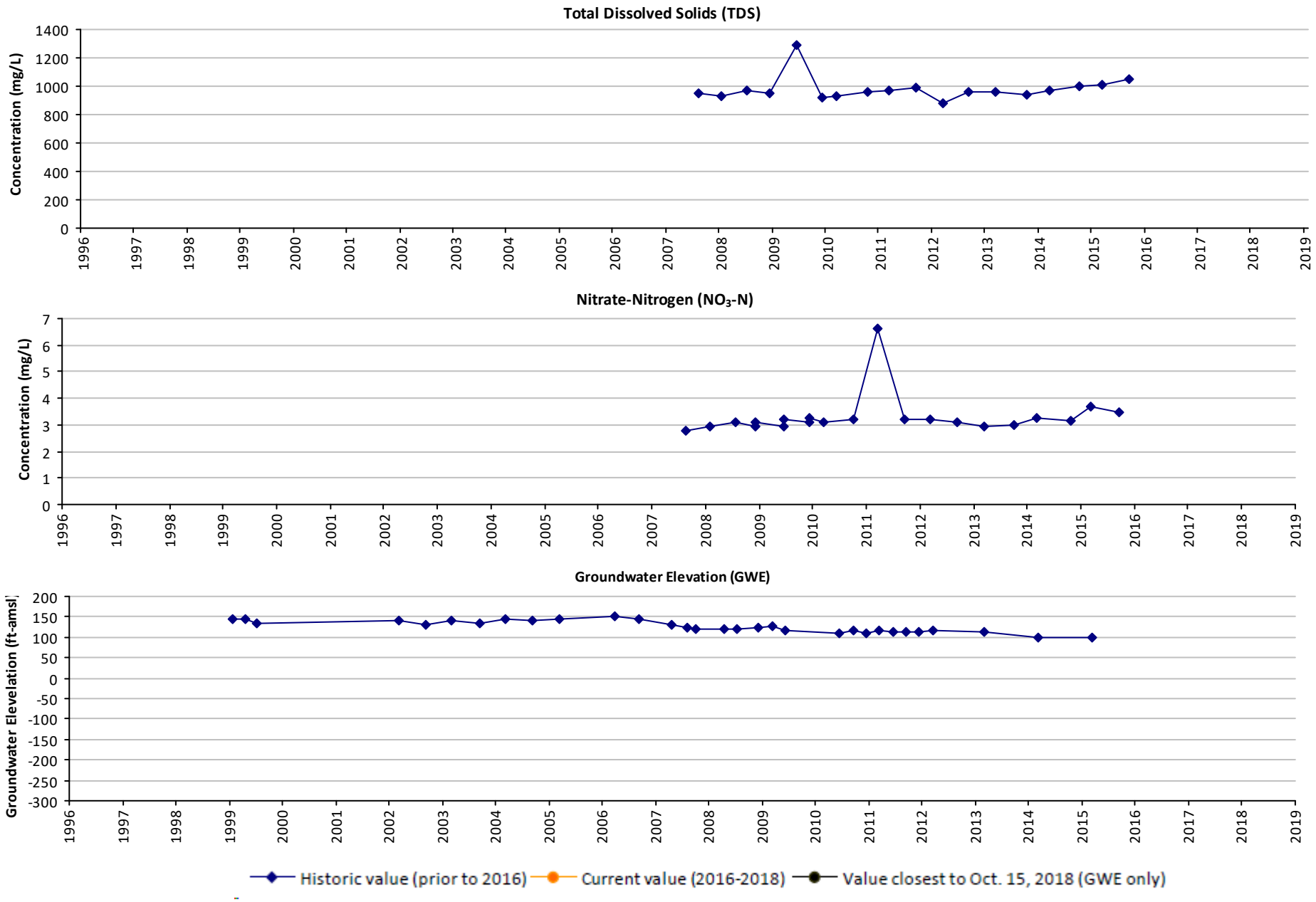

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

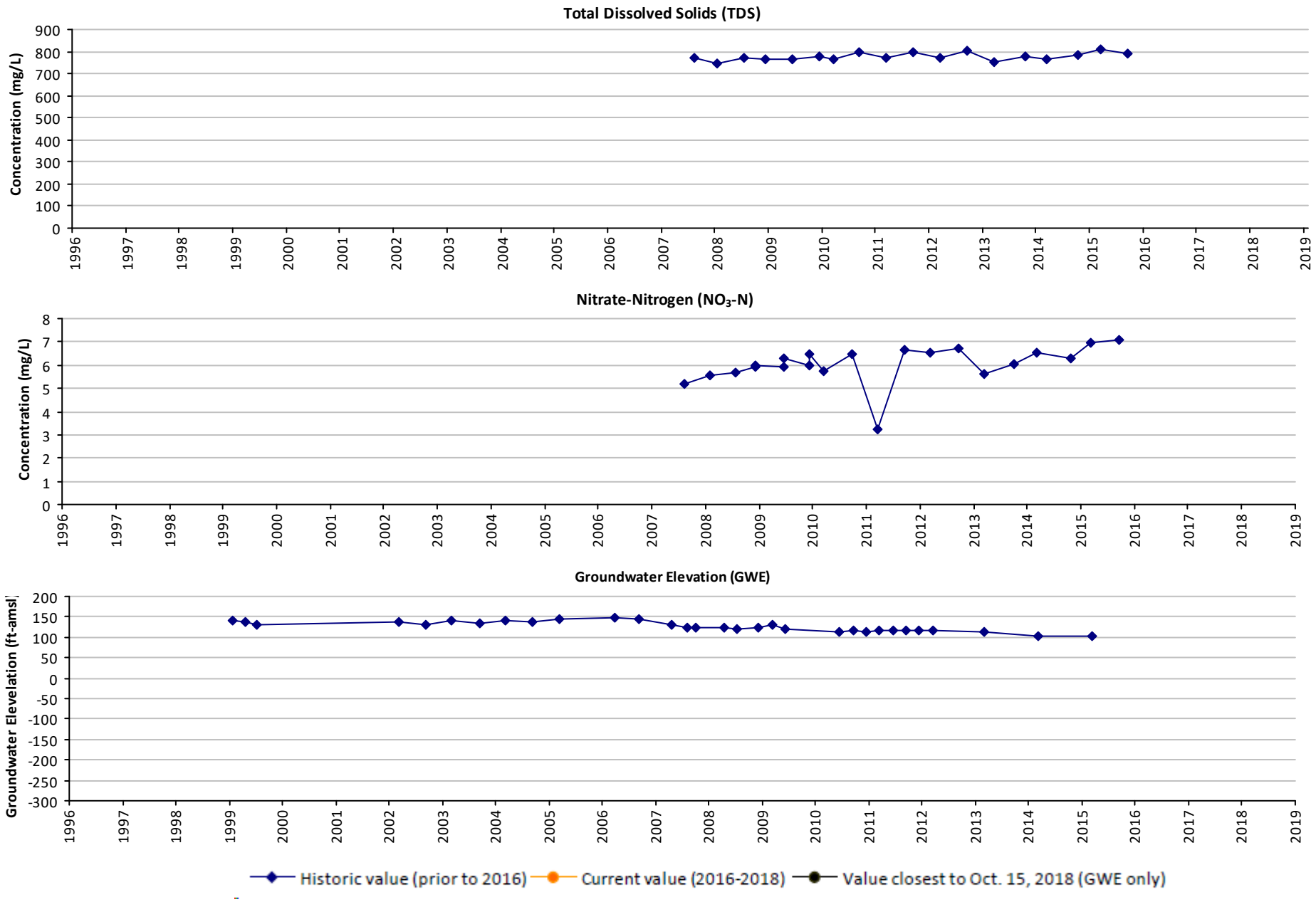

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

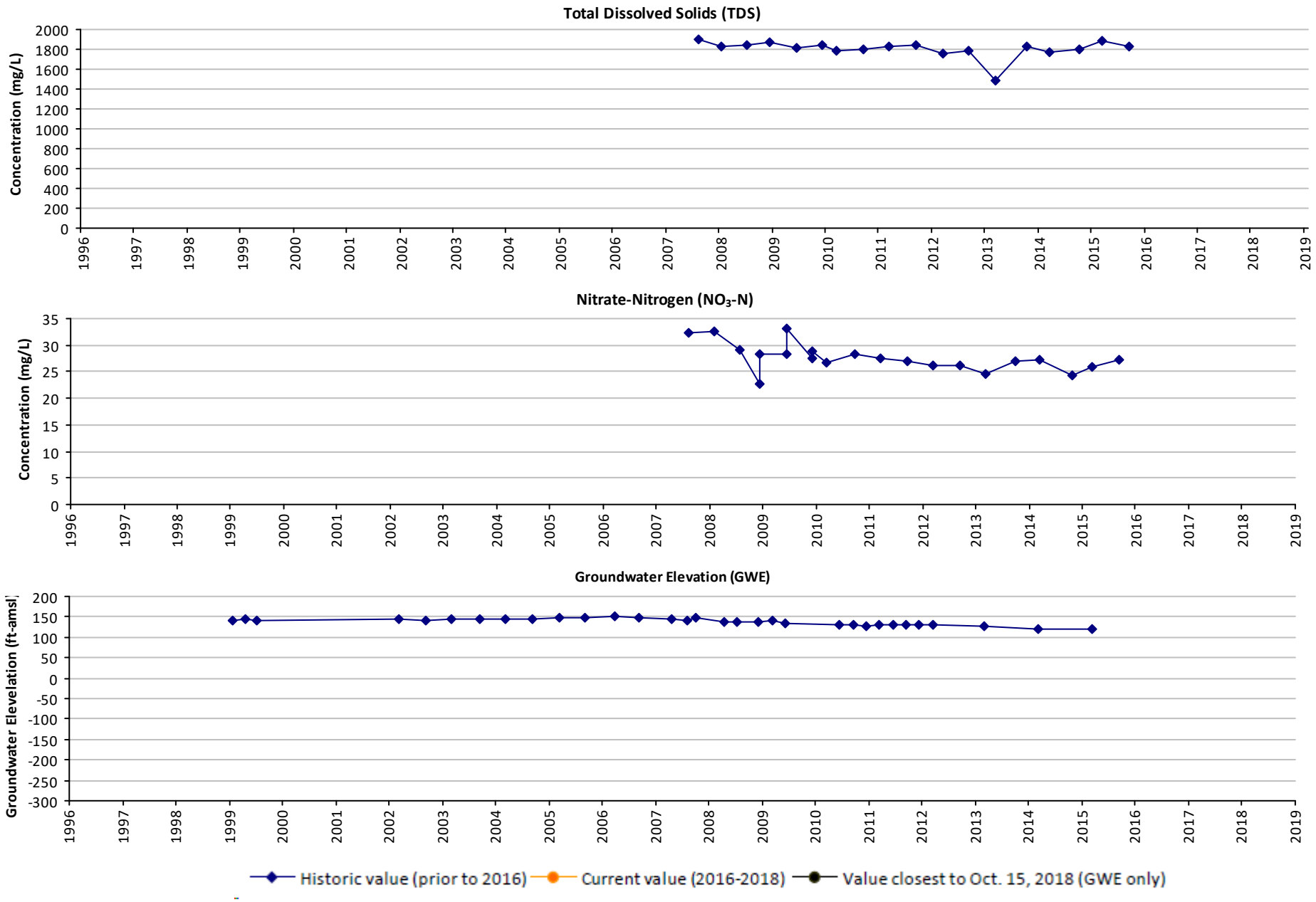

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

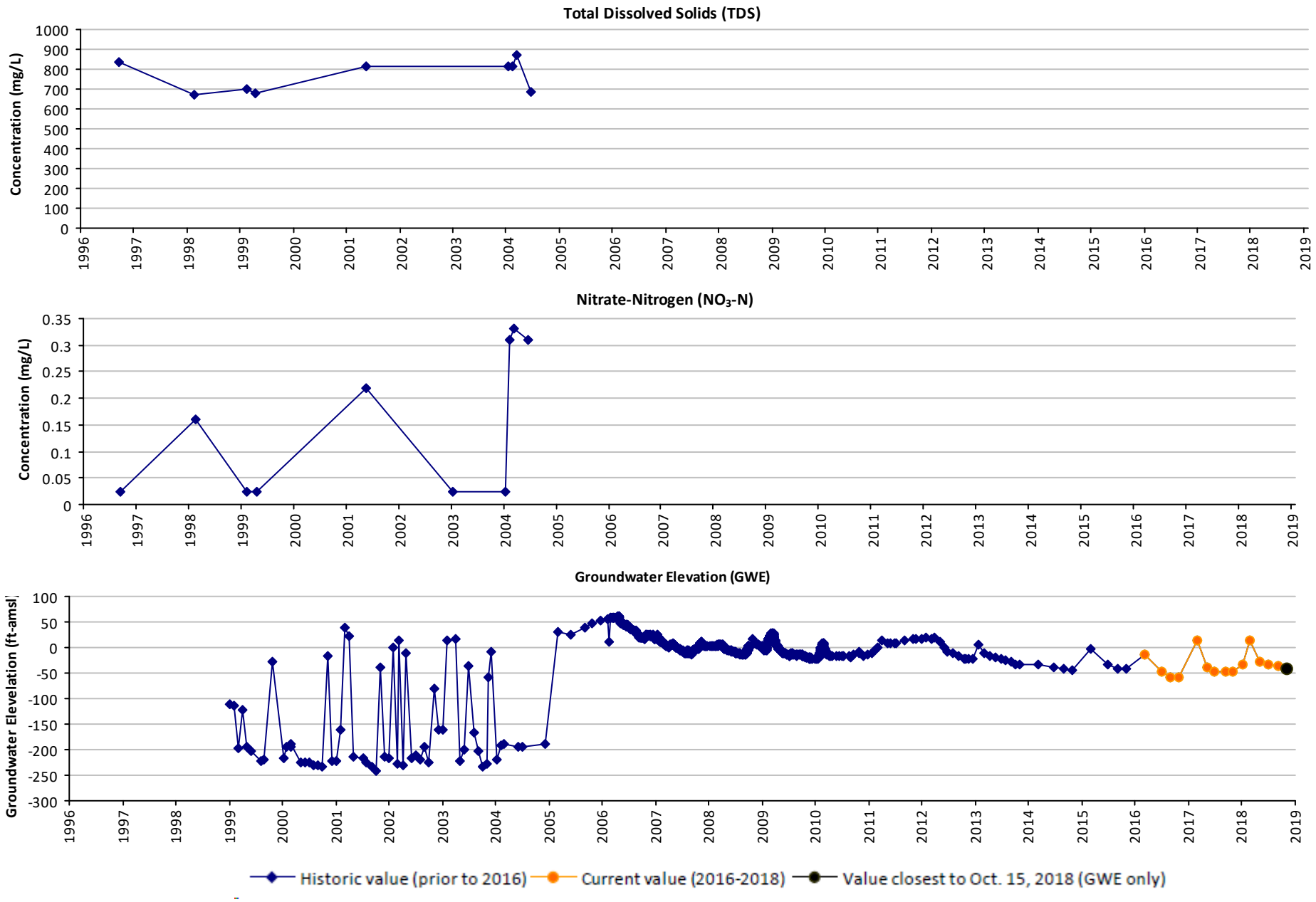

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

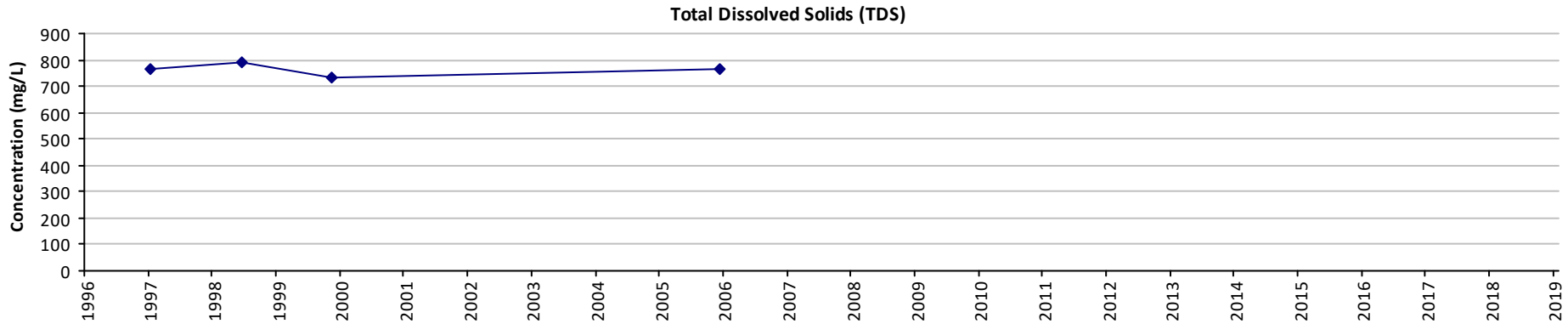

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

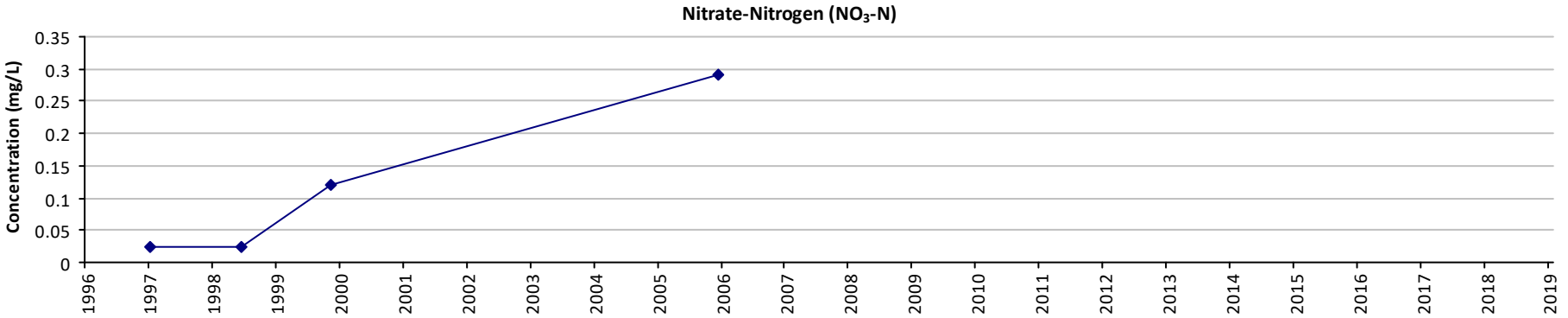

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

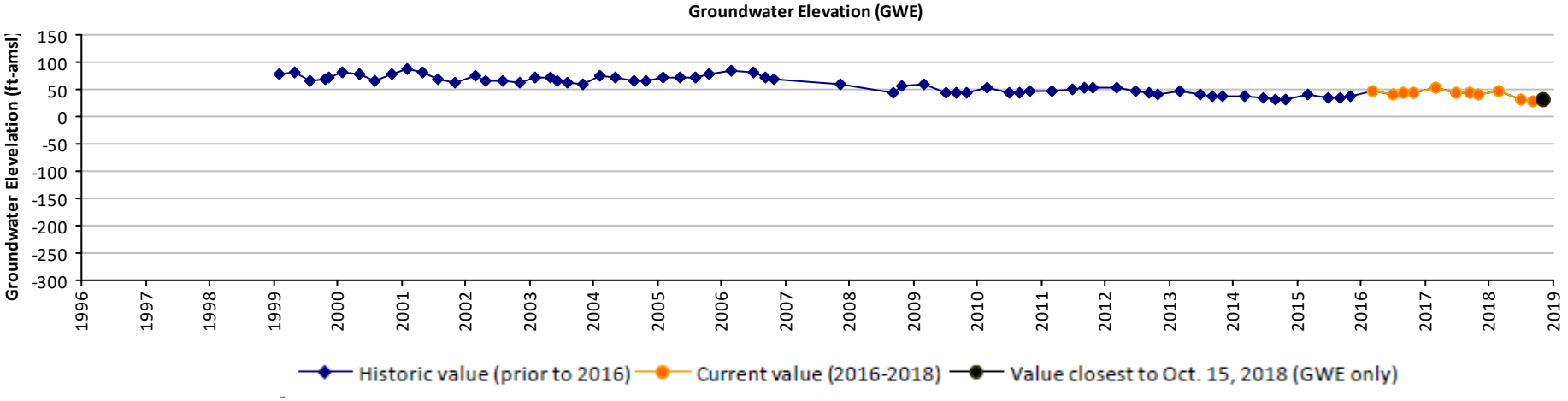

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

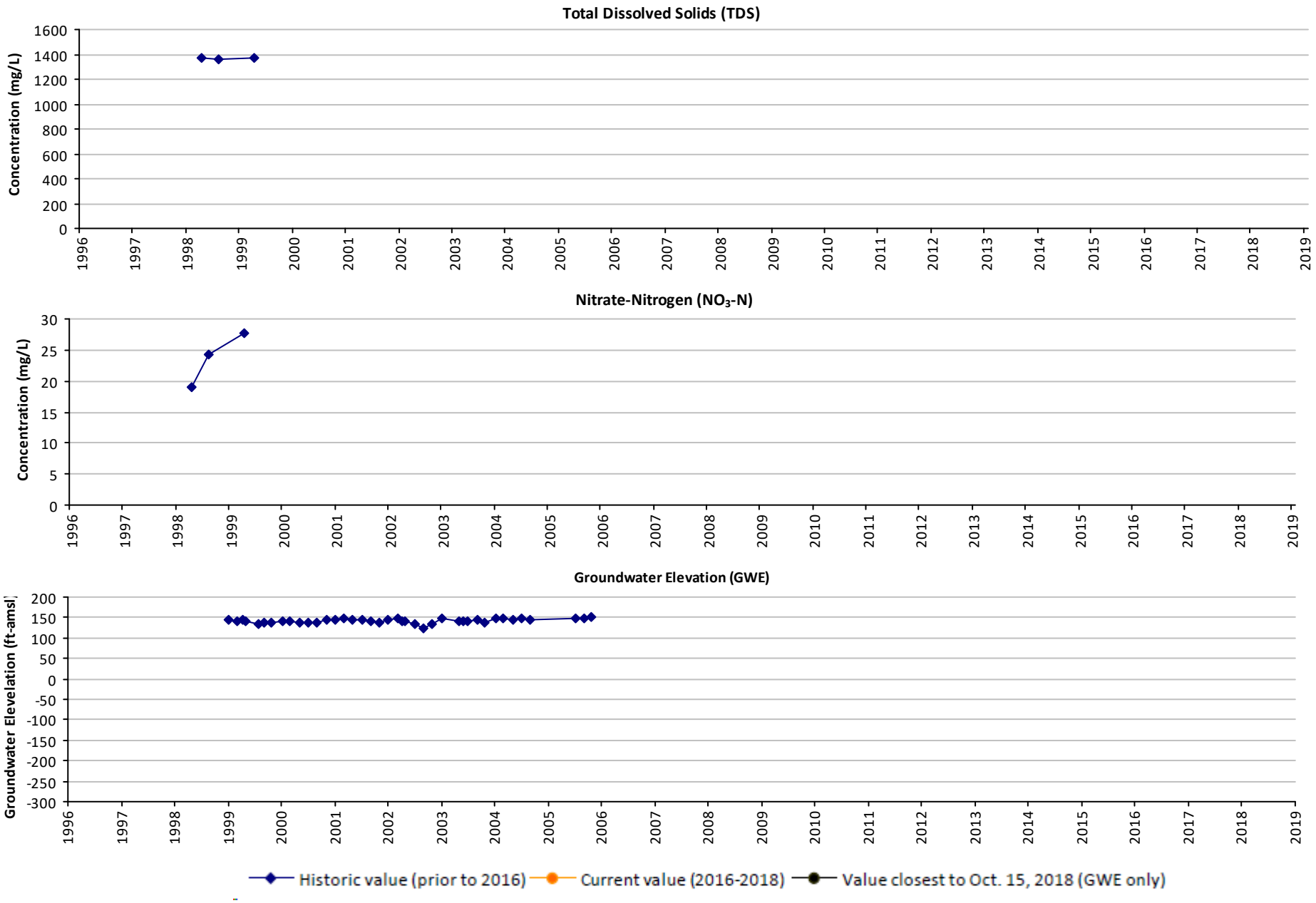

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

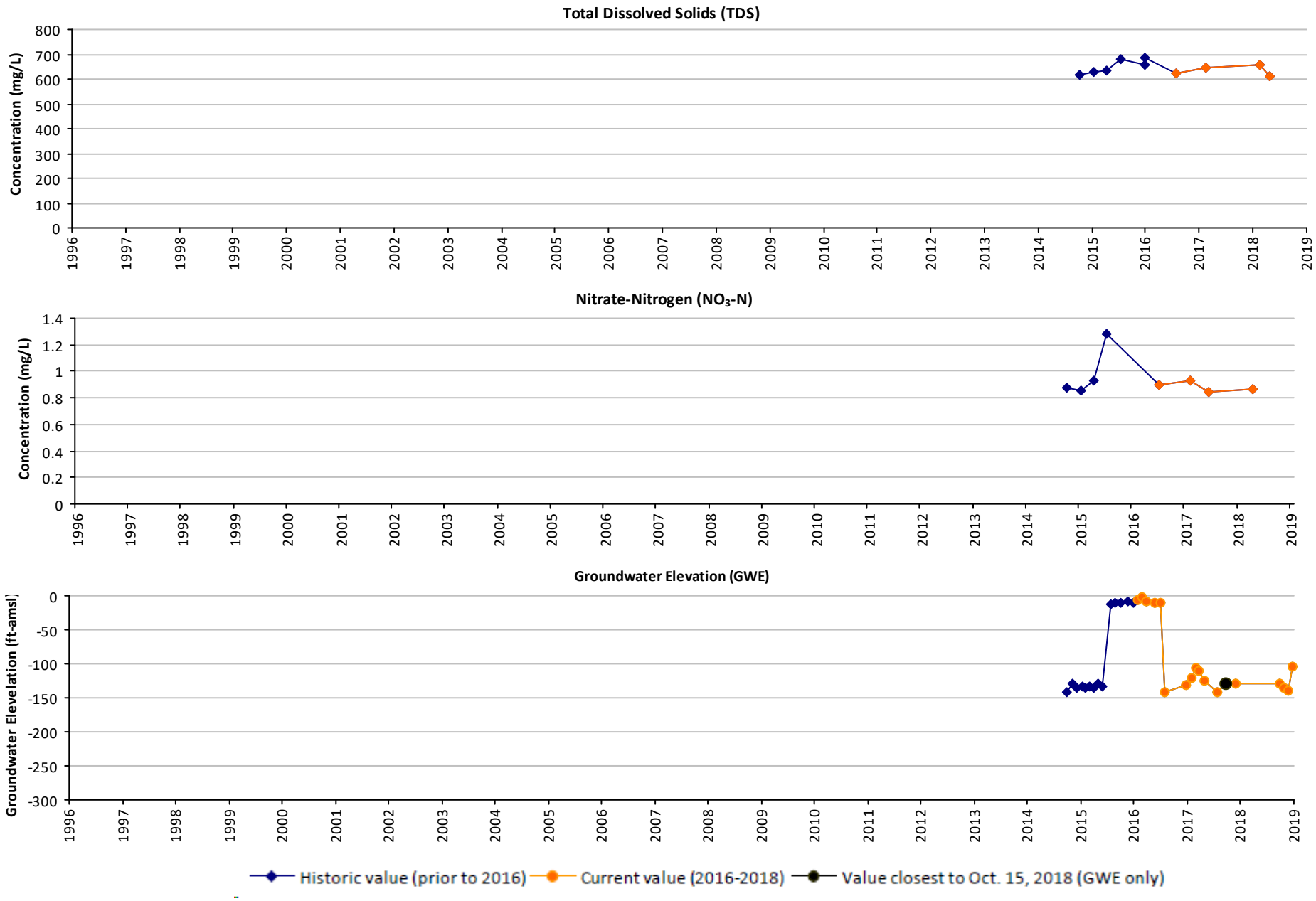

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

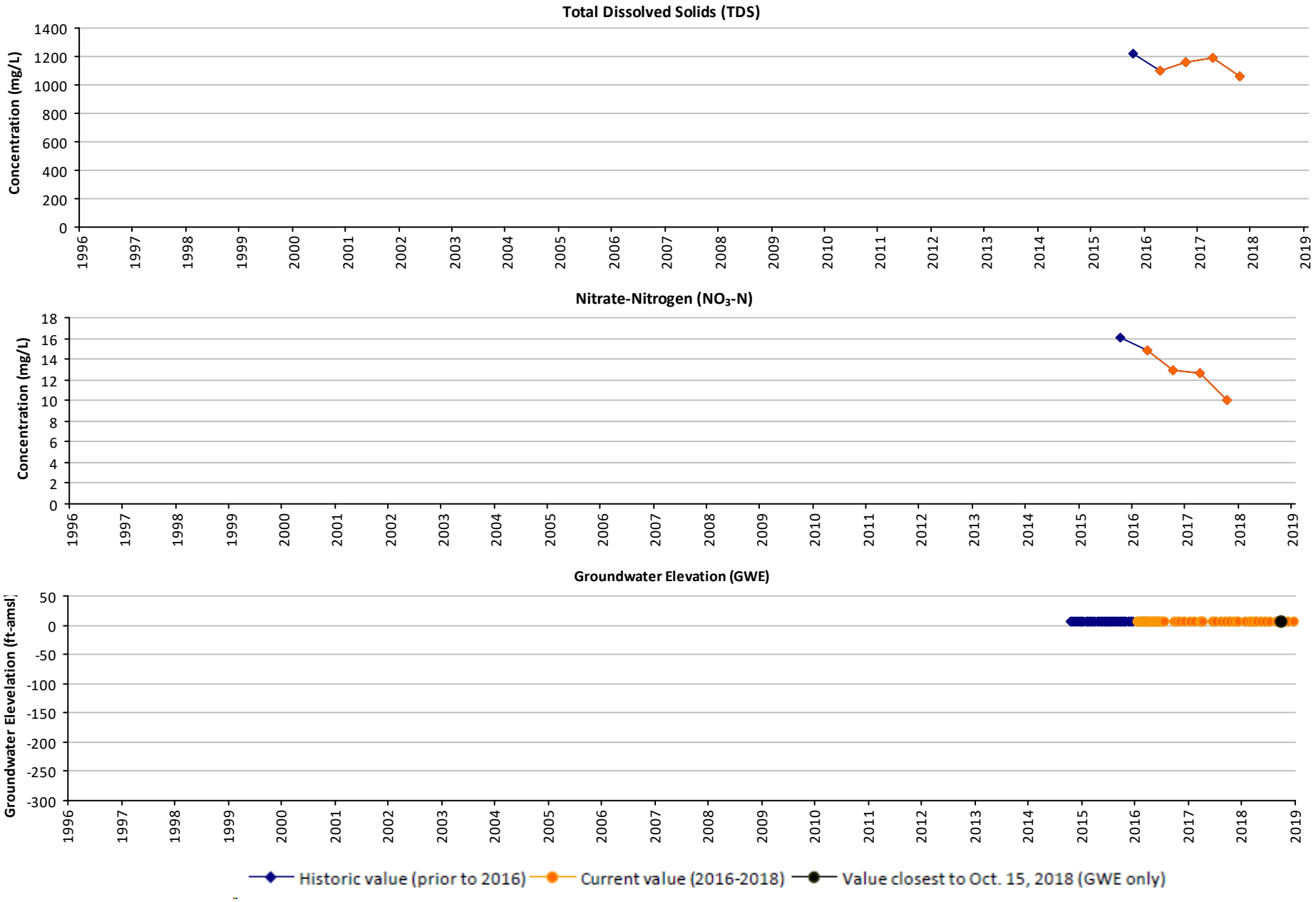

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

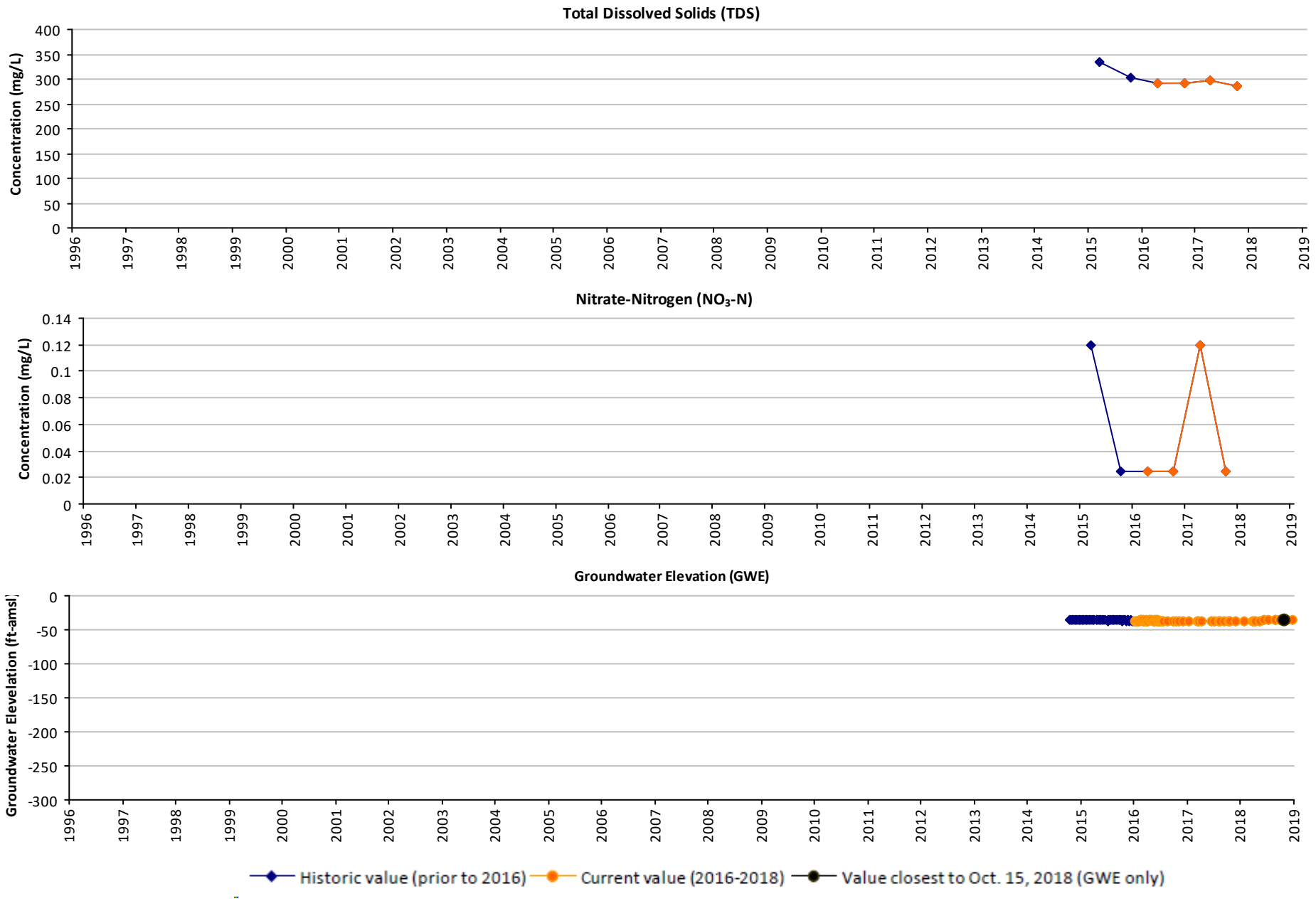

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

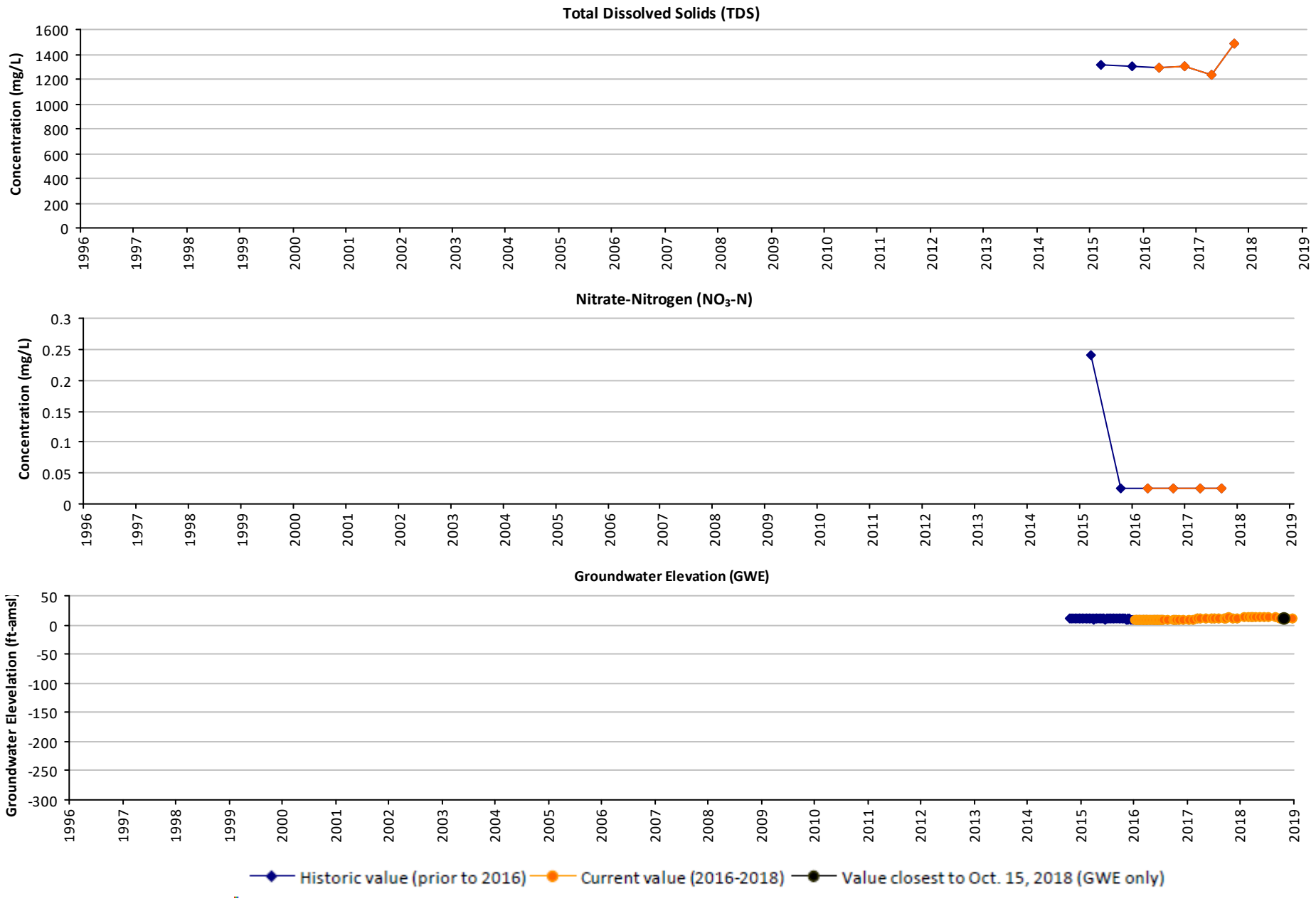

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
-250
-300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

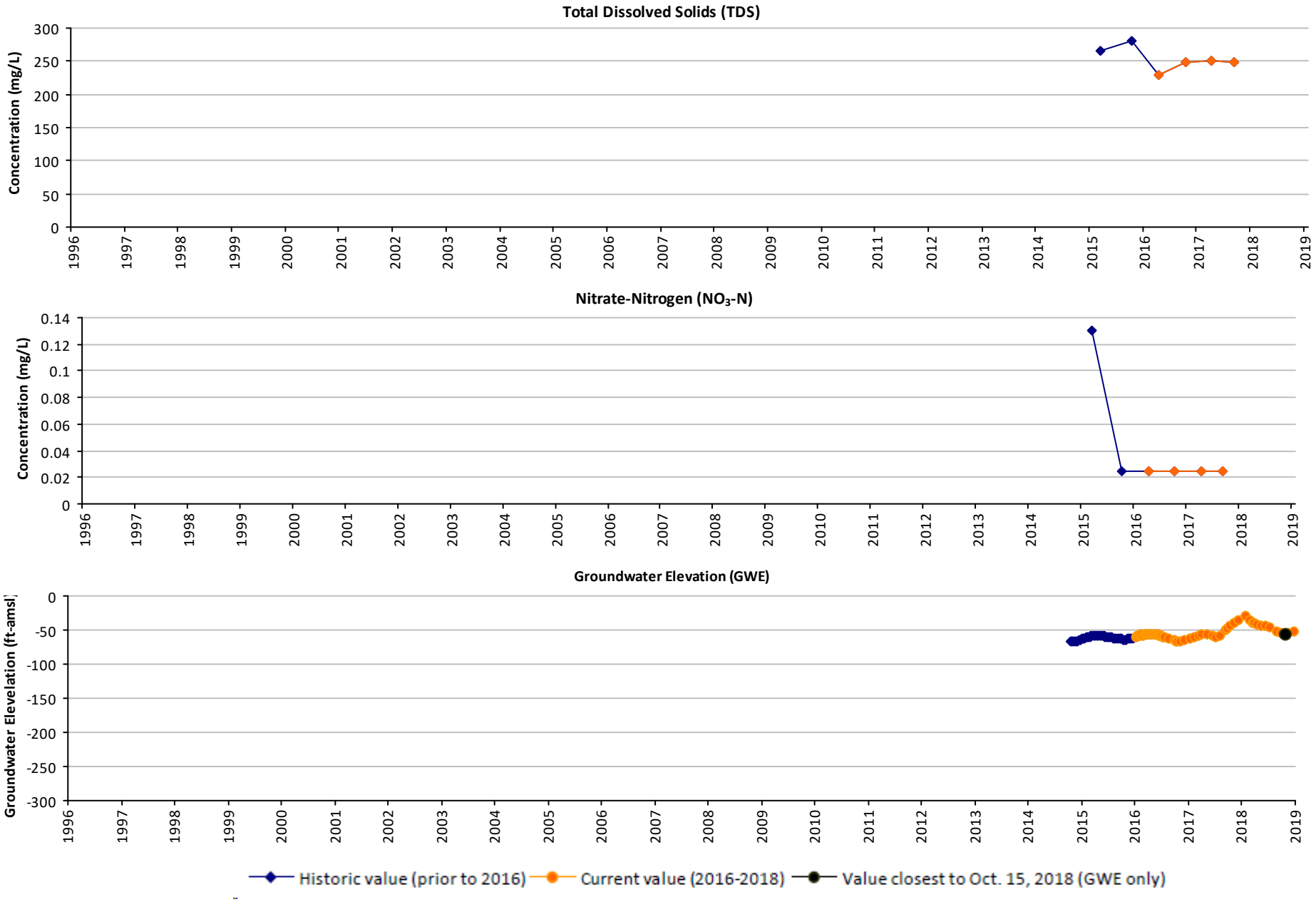

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

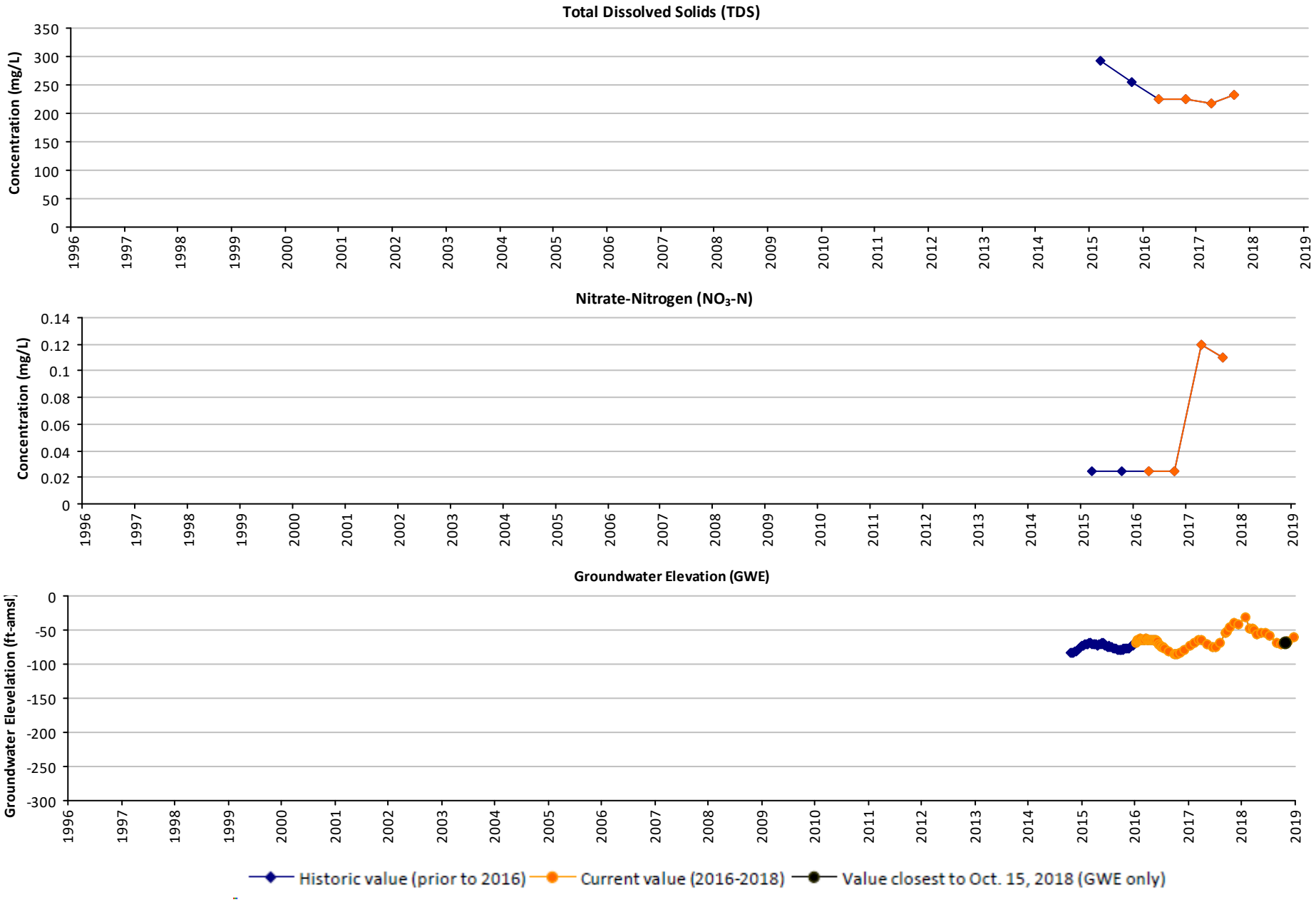

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

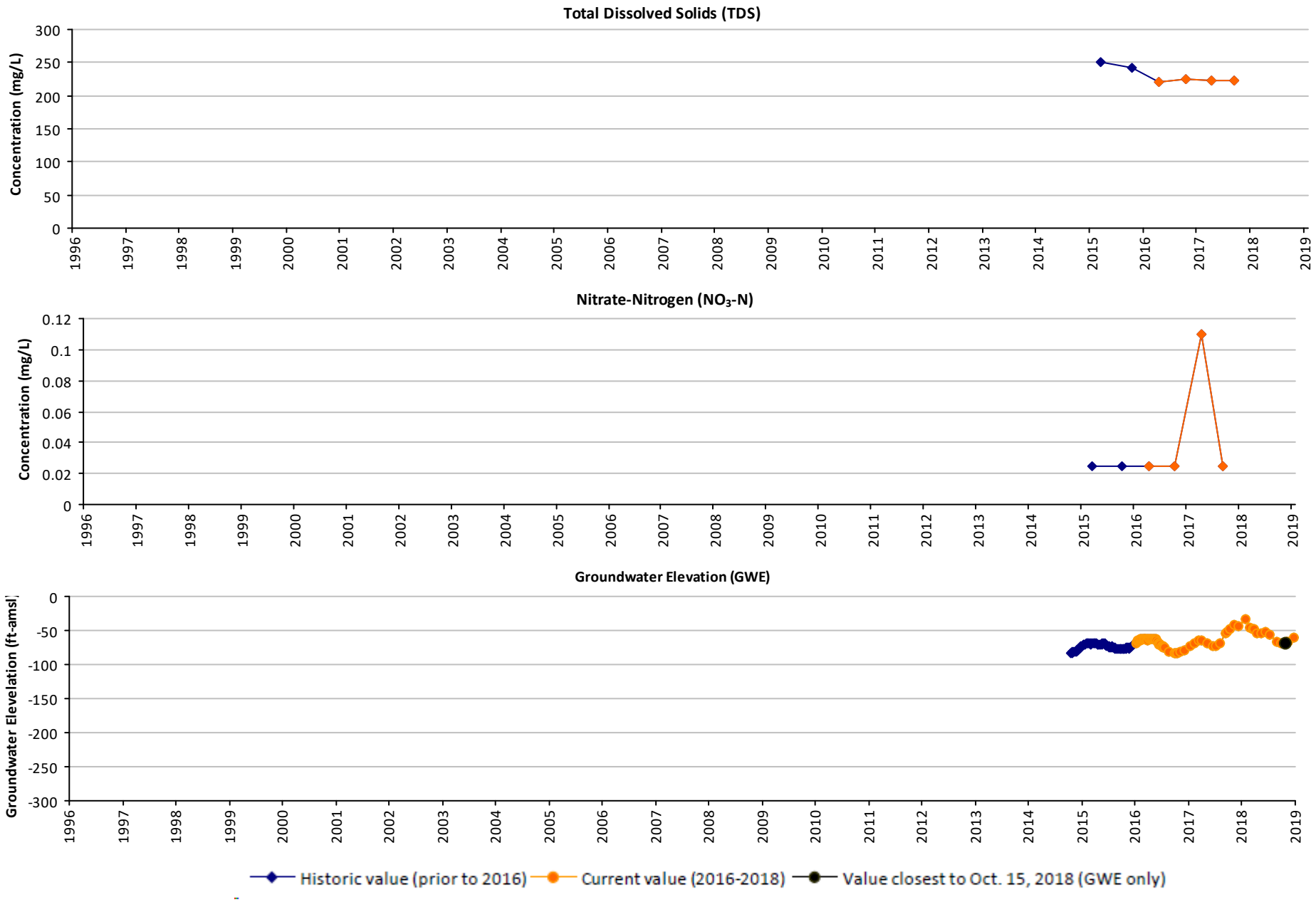

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

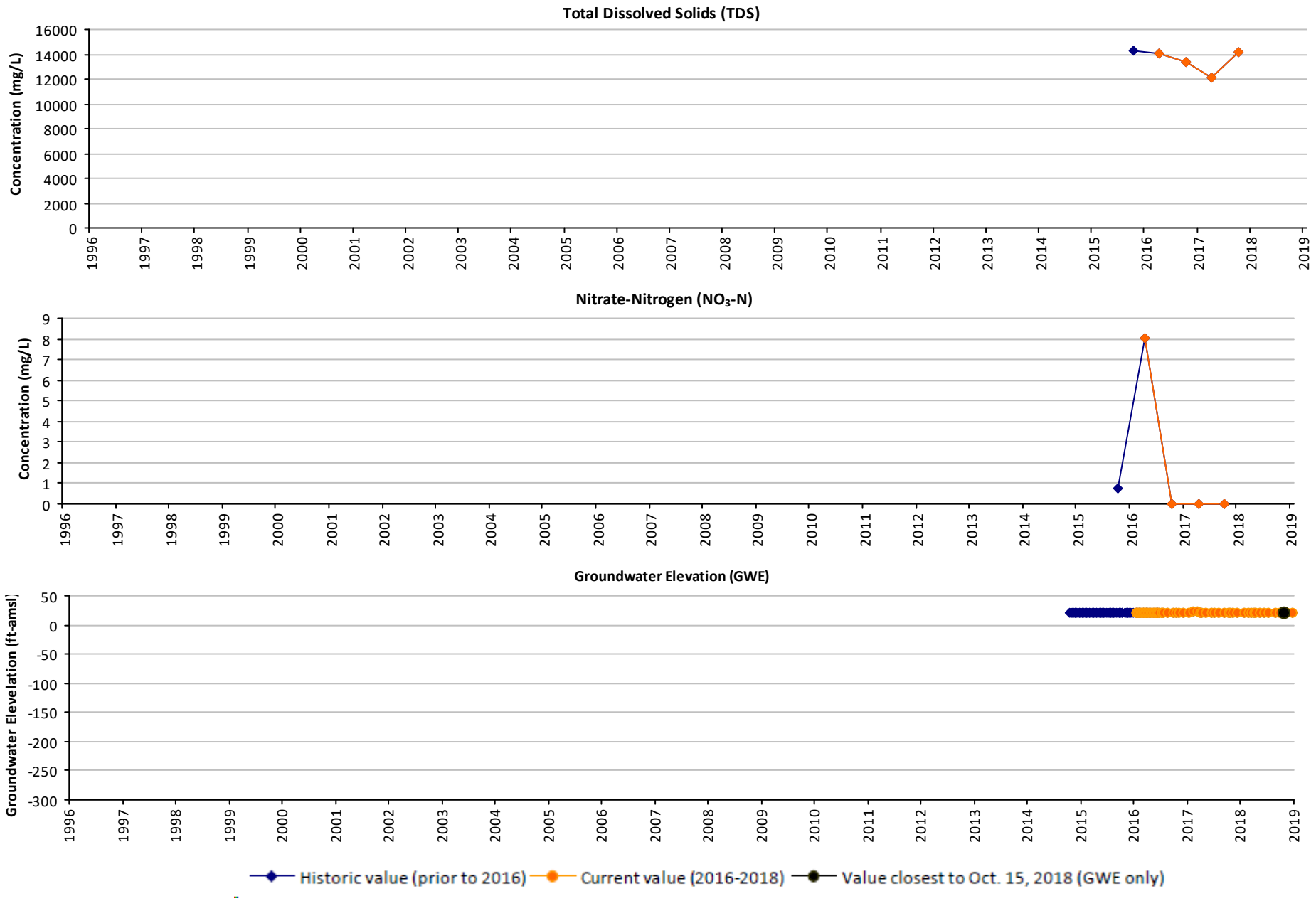

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

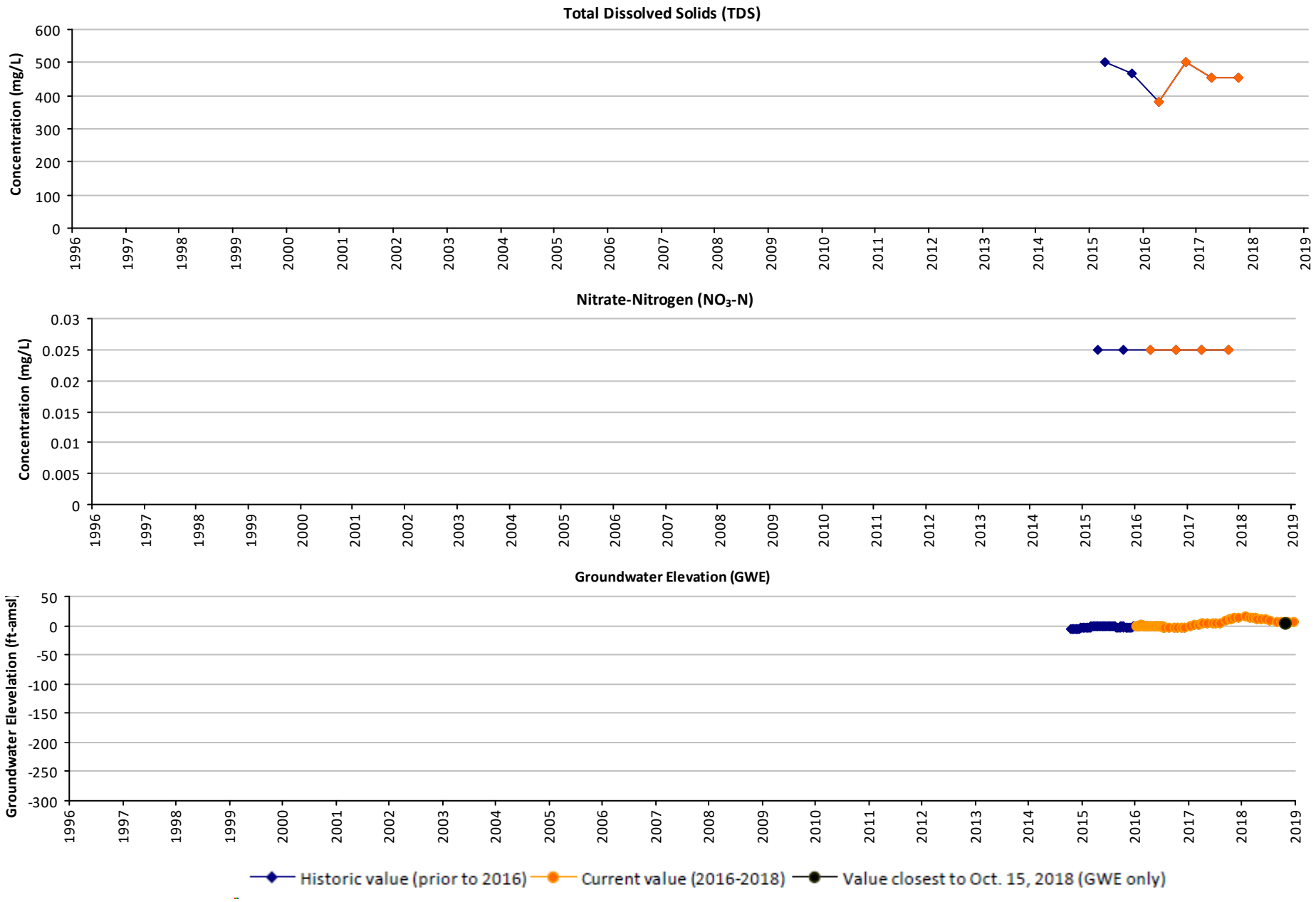

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

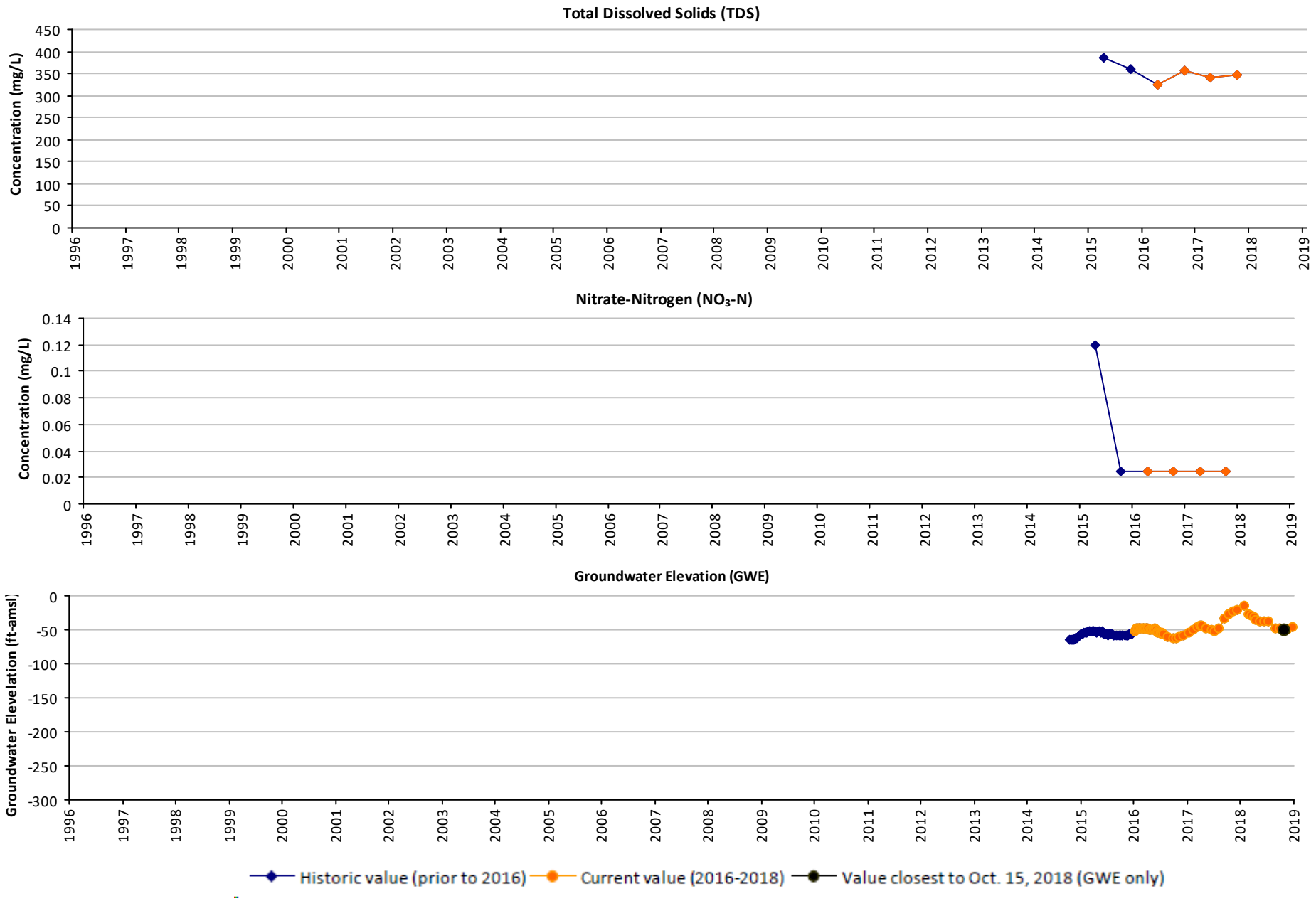

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

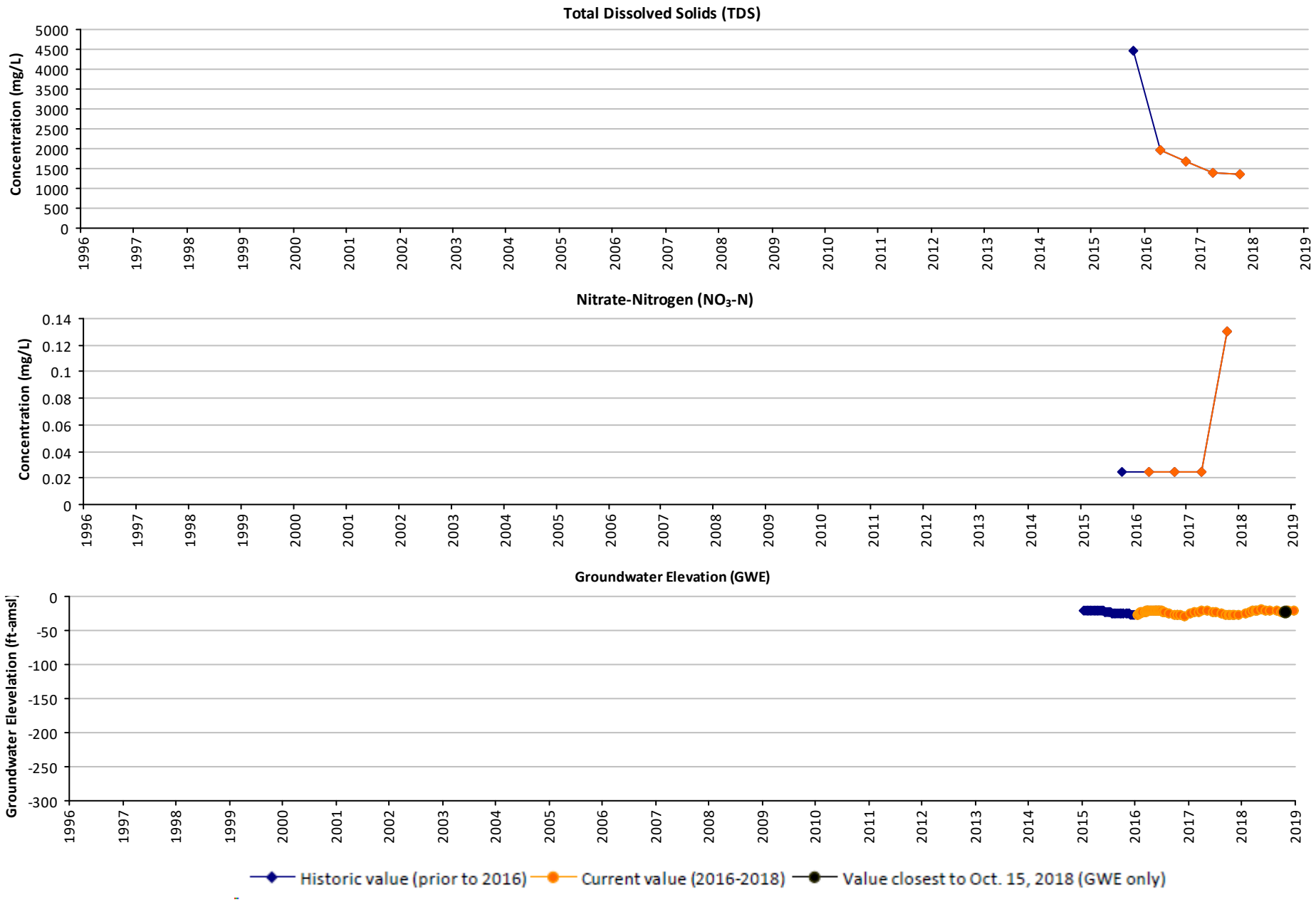

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

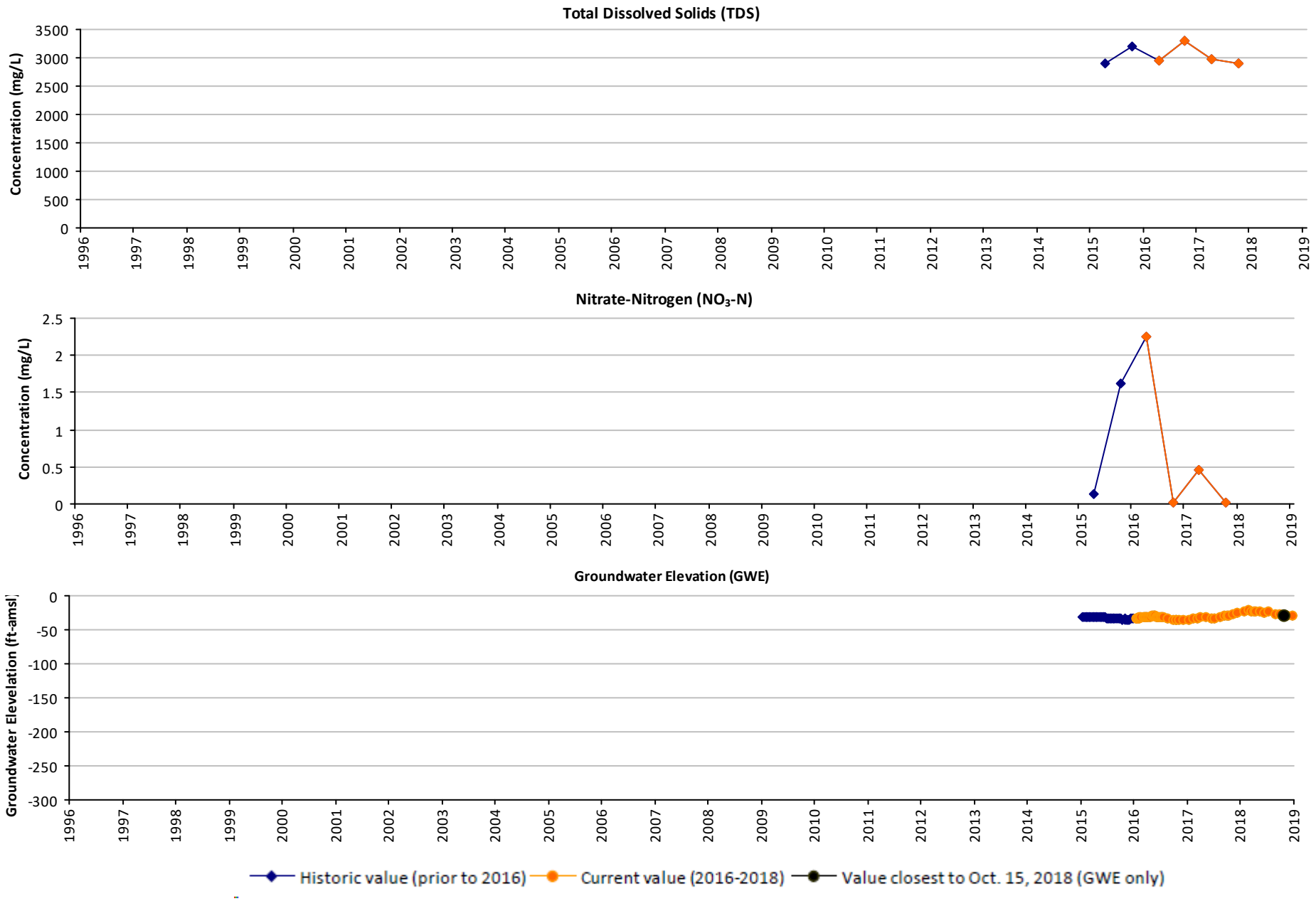

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

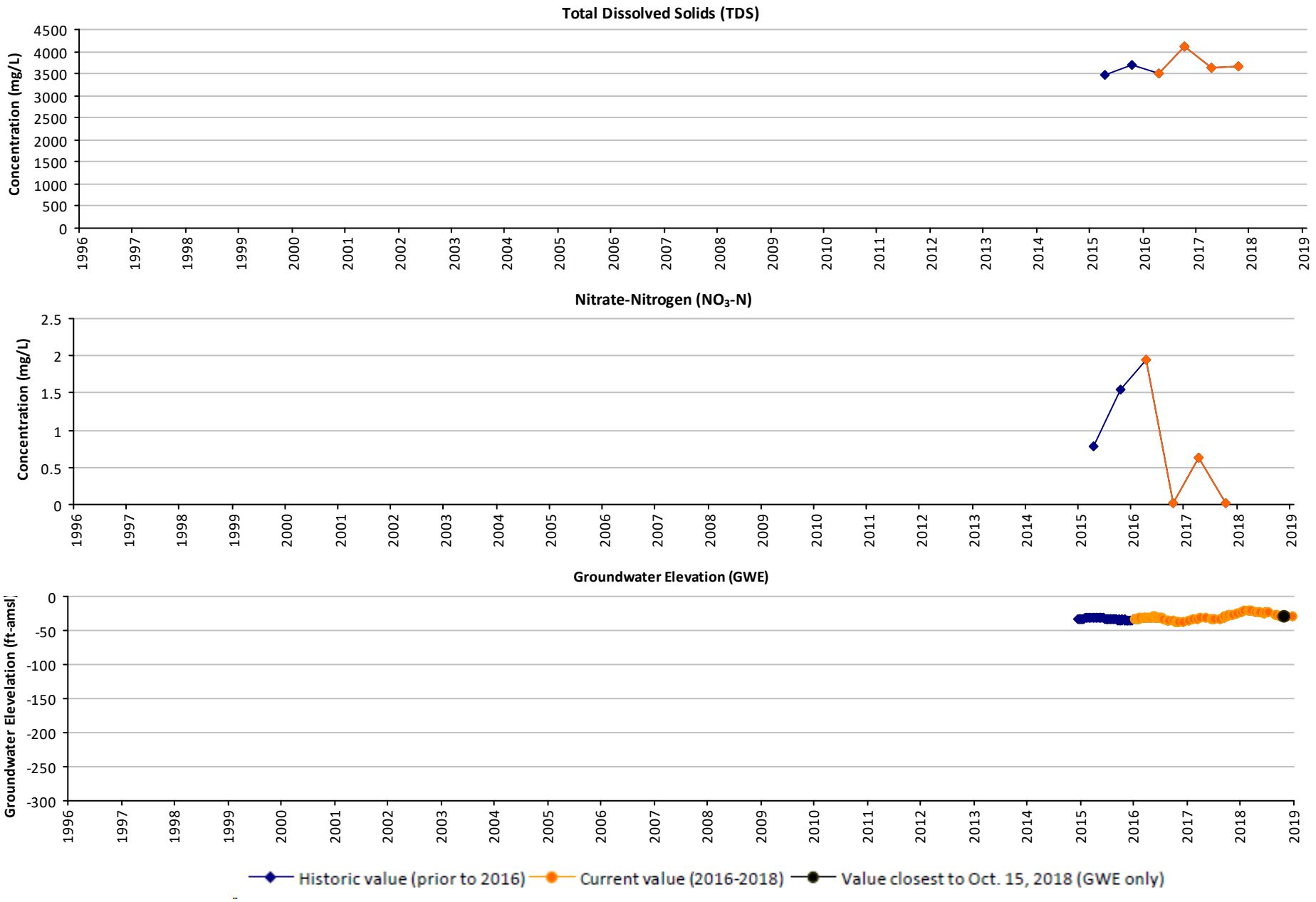

Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

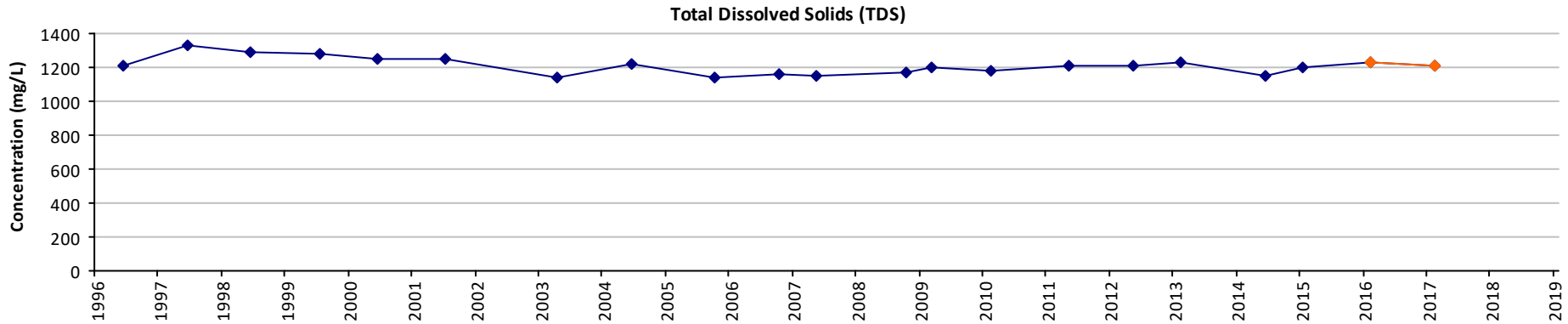

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

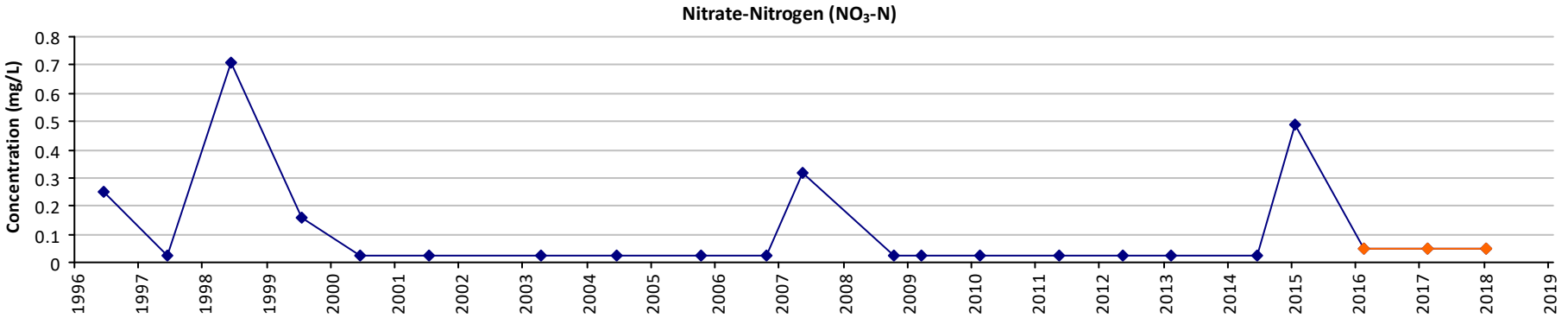

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-50
-100
-150
-200
-250
-300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

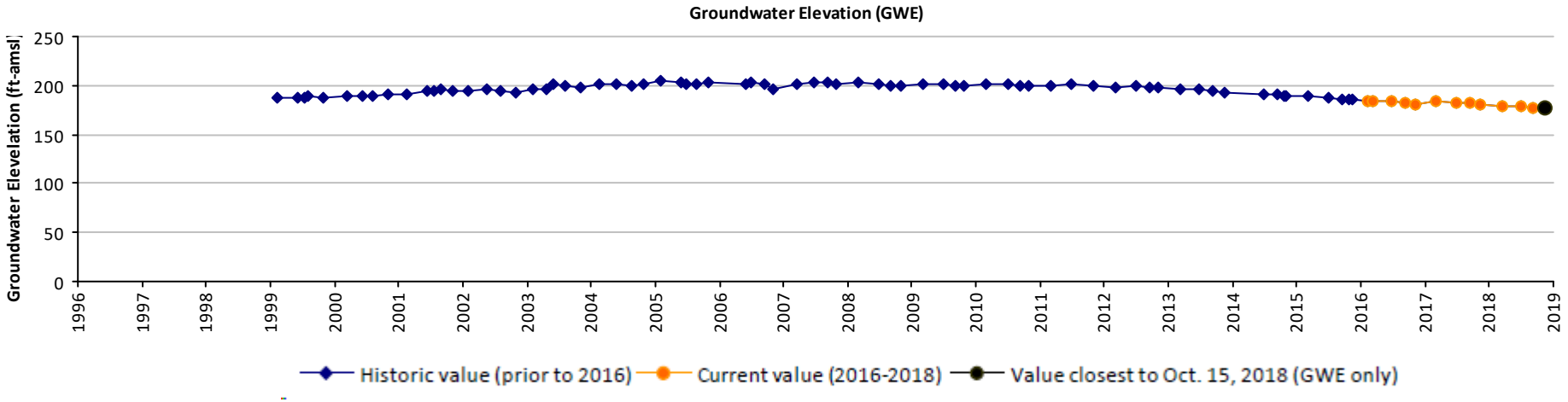
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

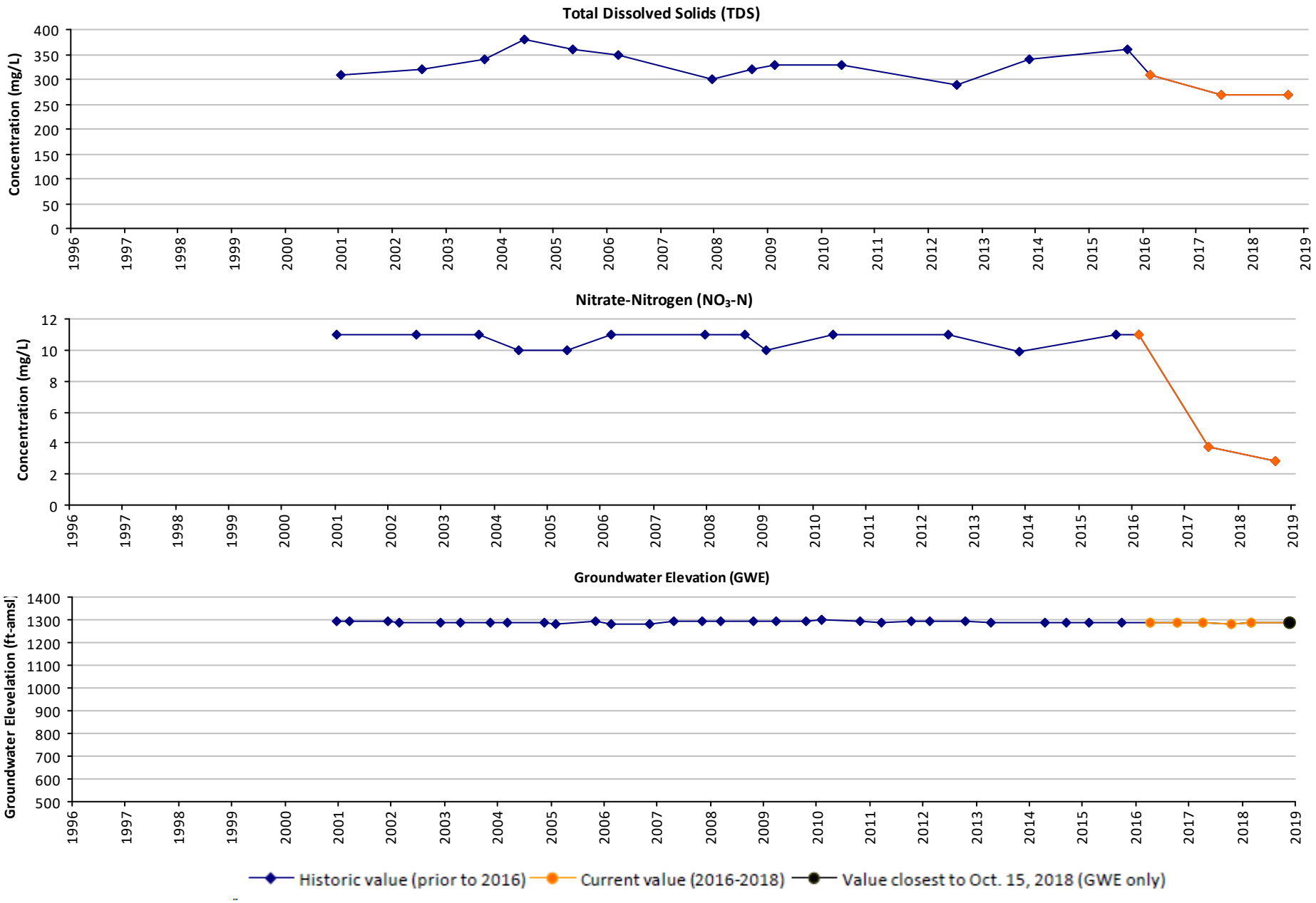
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

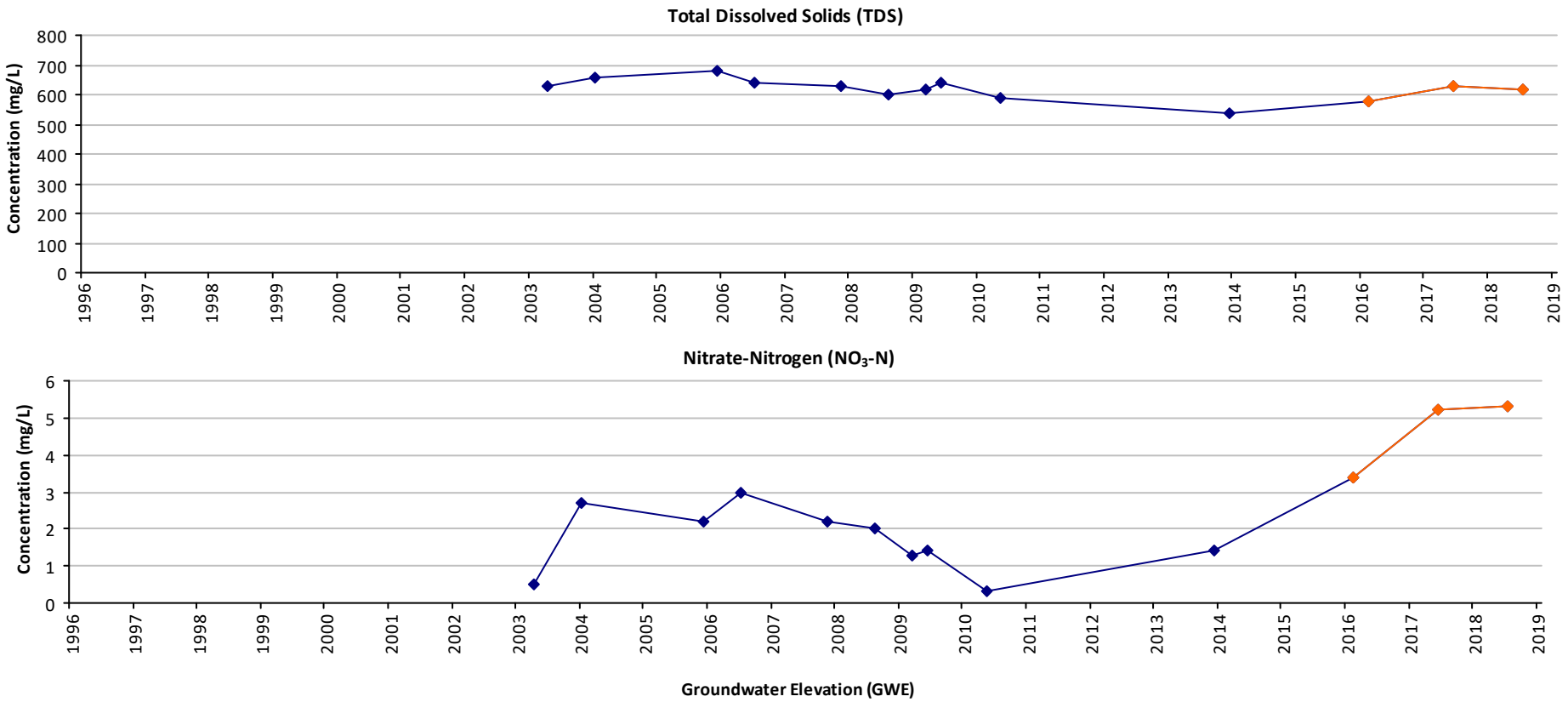
Well ID: 1213607
Management Zone: La Habra

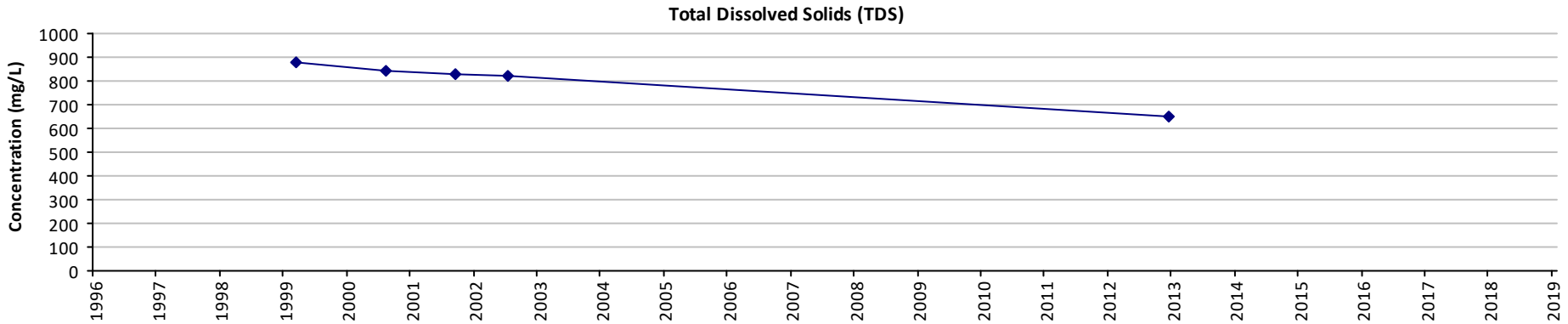


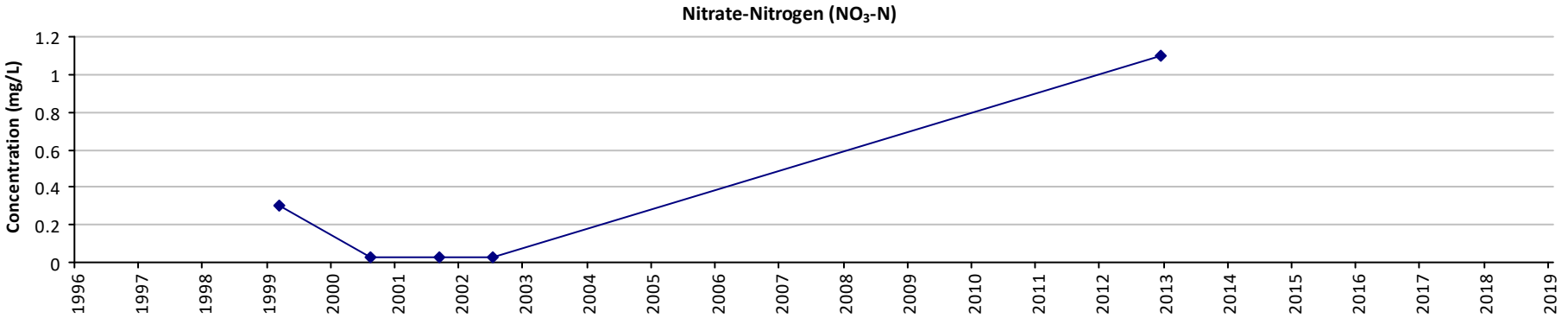





Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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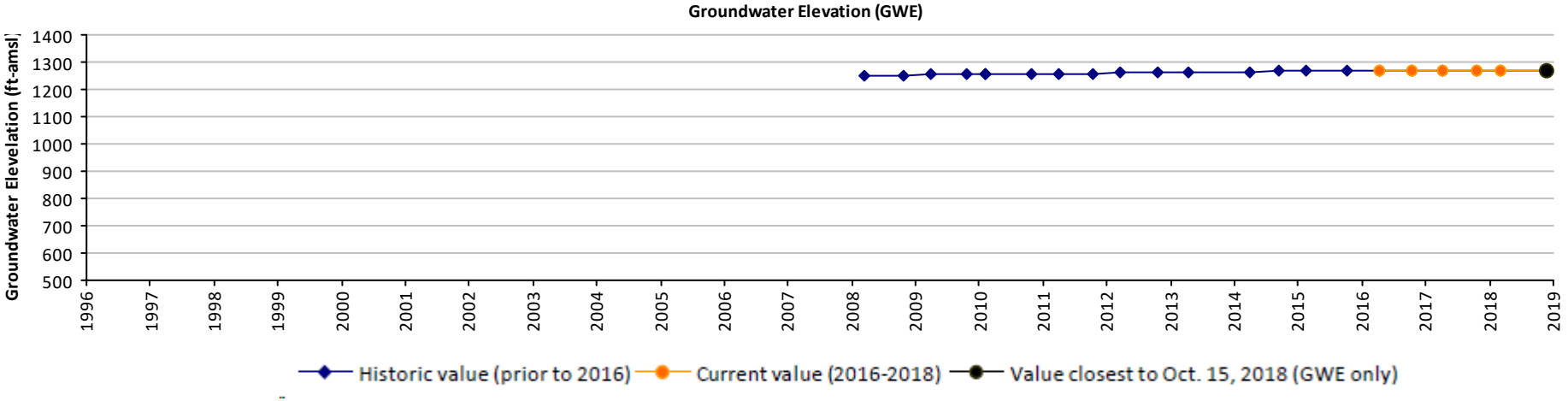
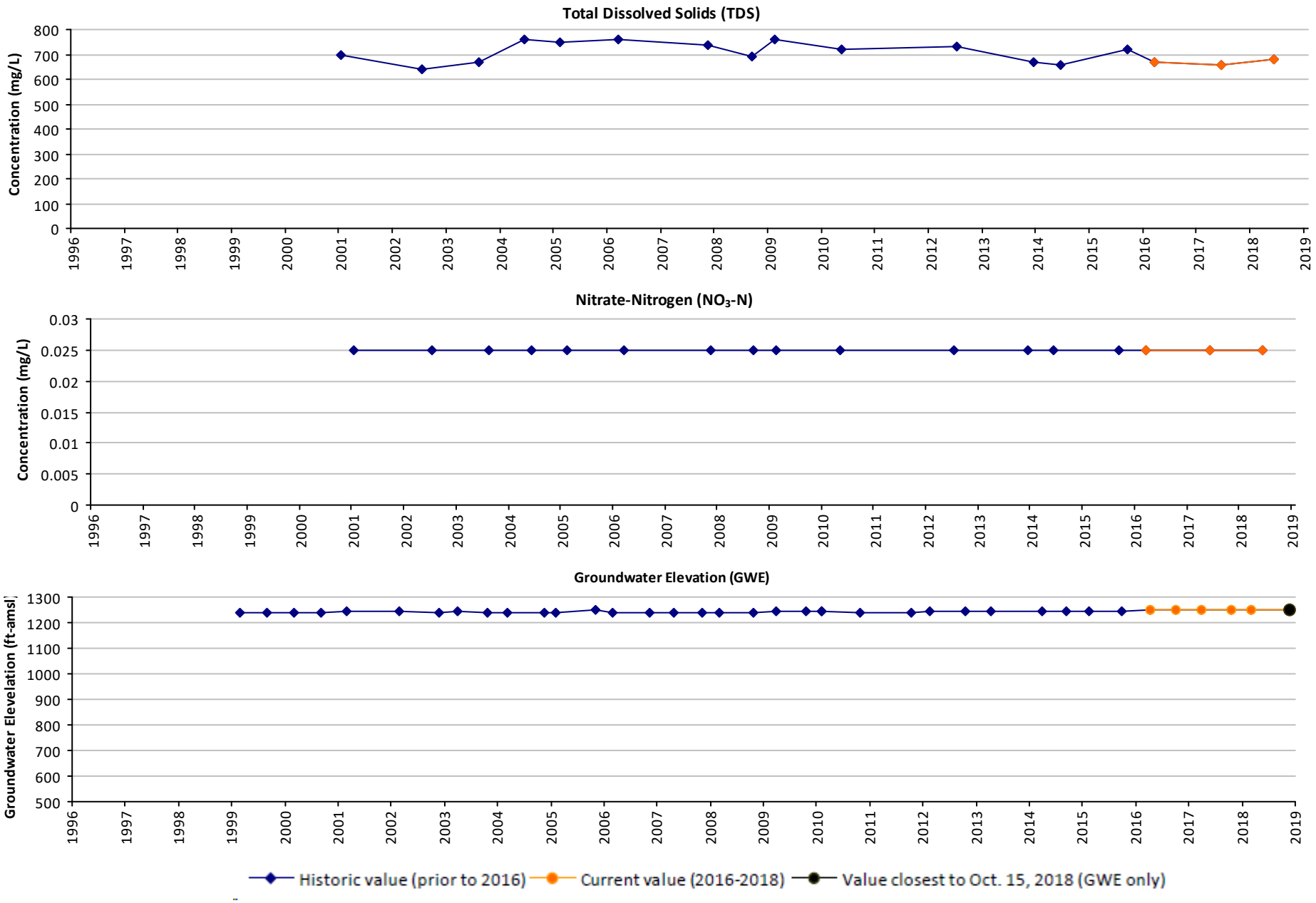
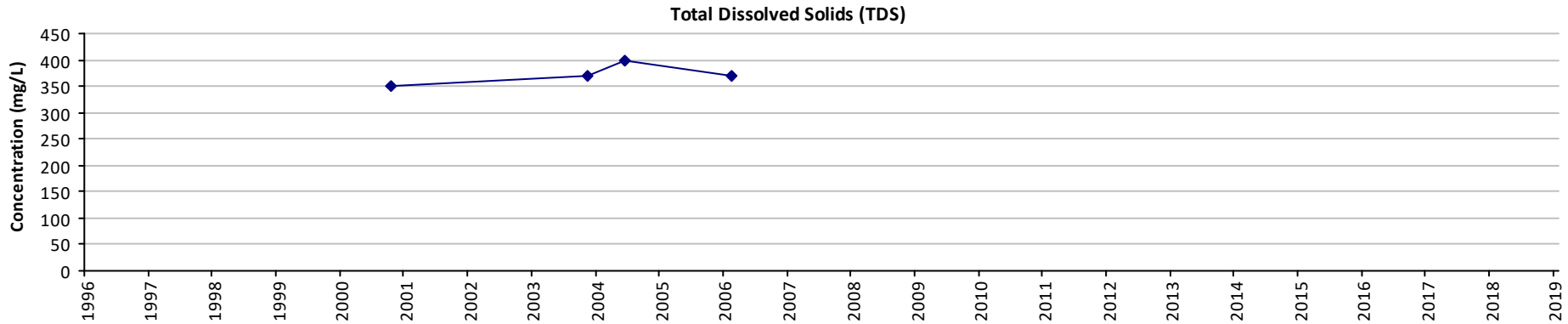
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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2003
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2012
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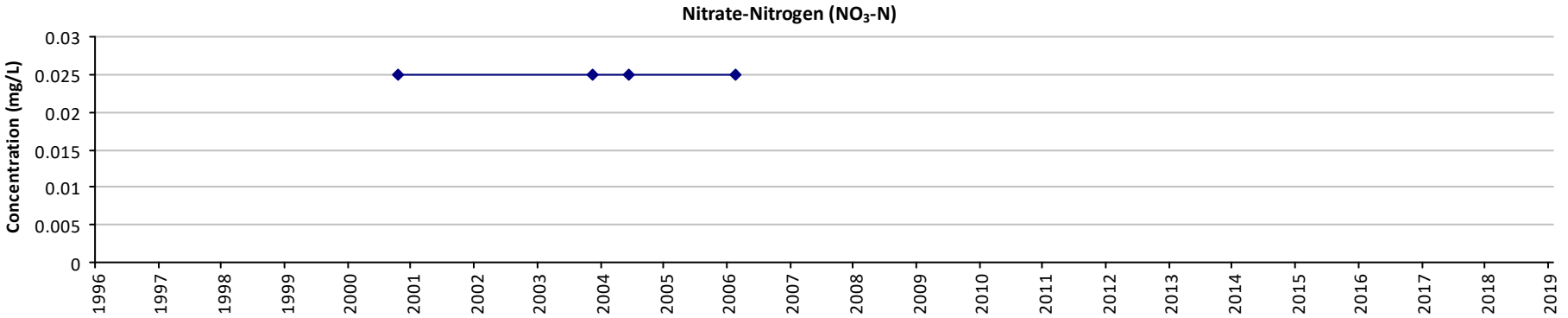
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2012
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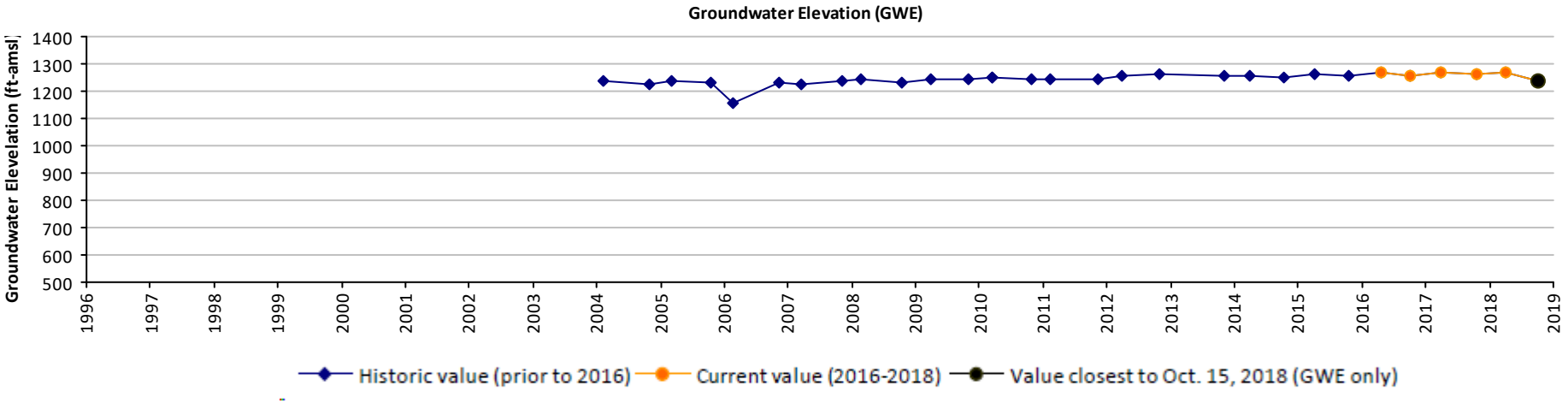
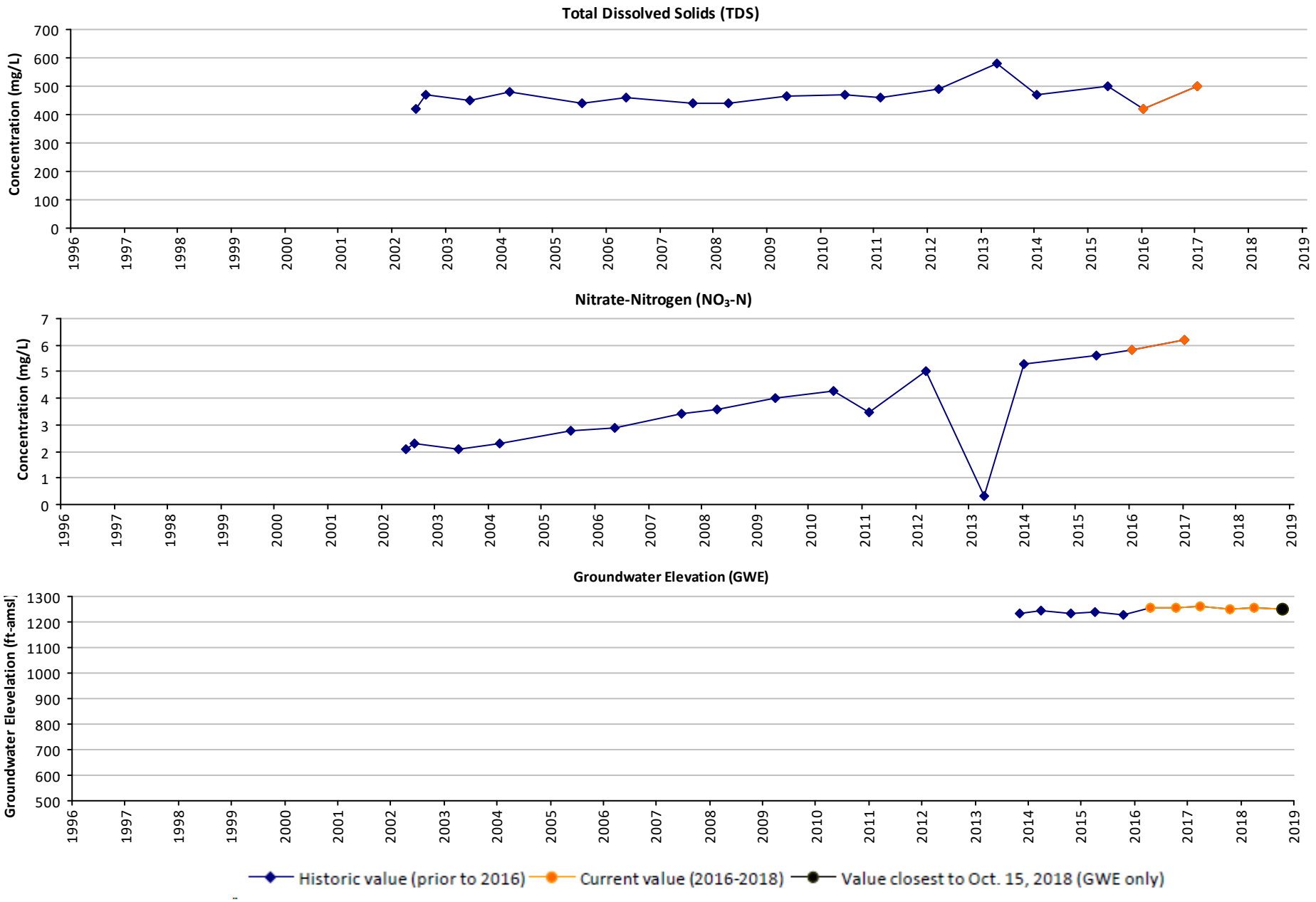
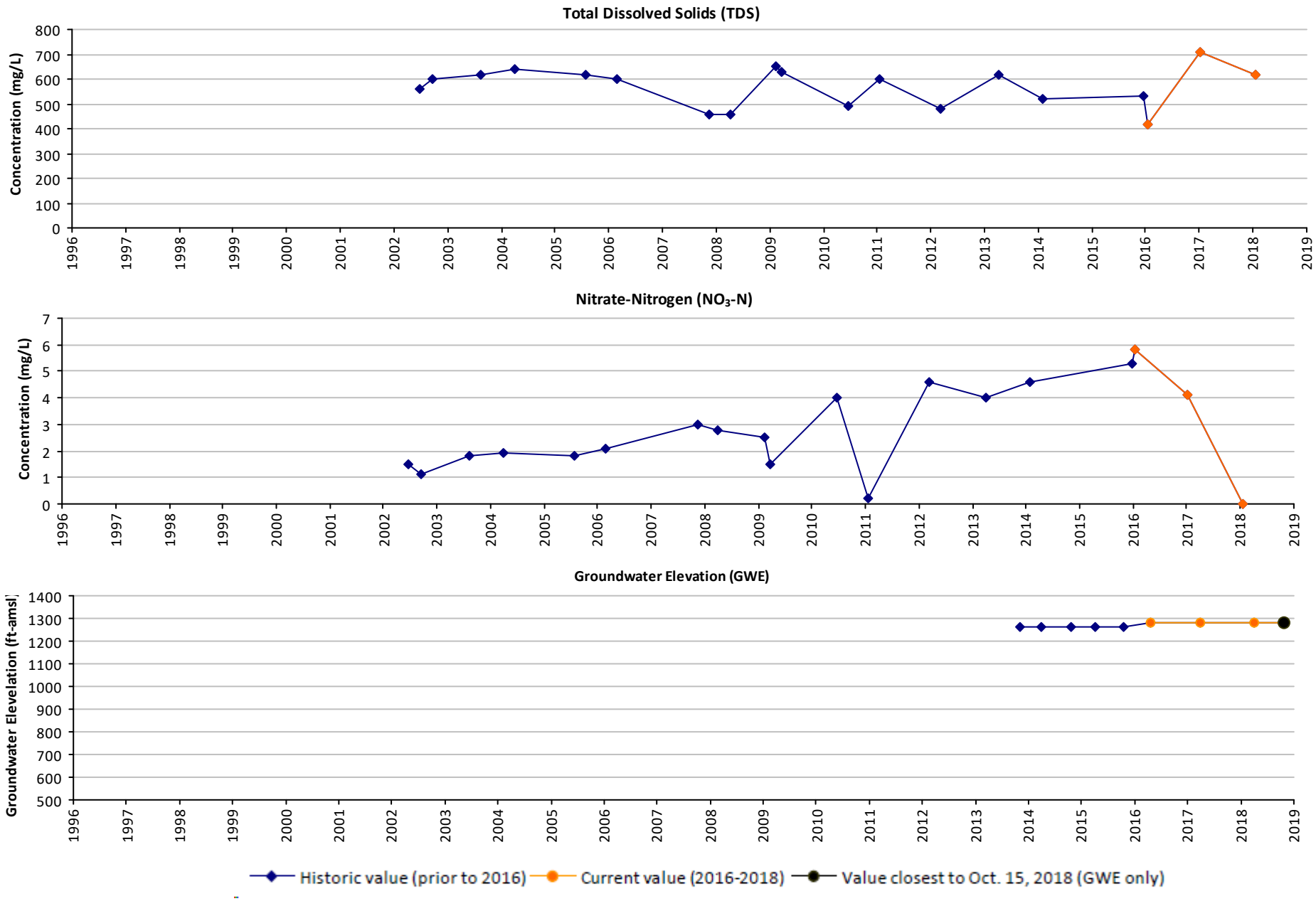
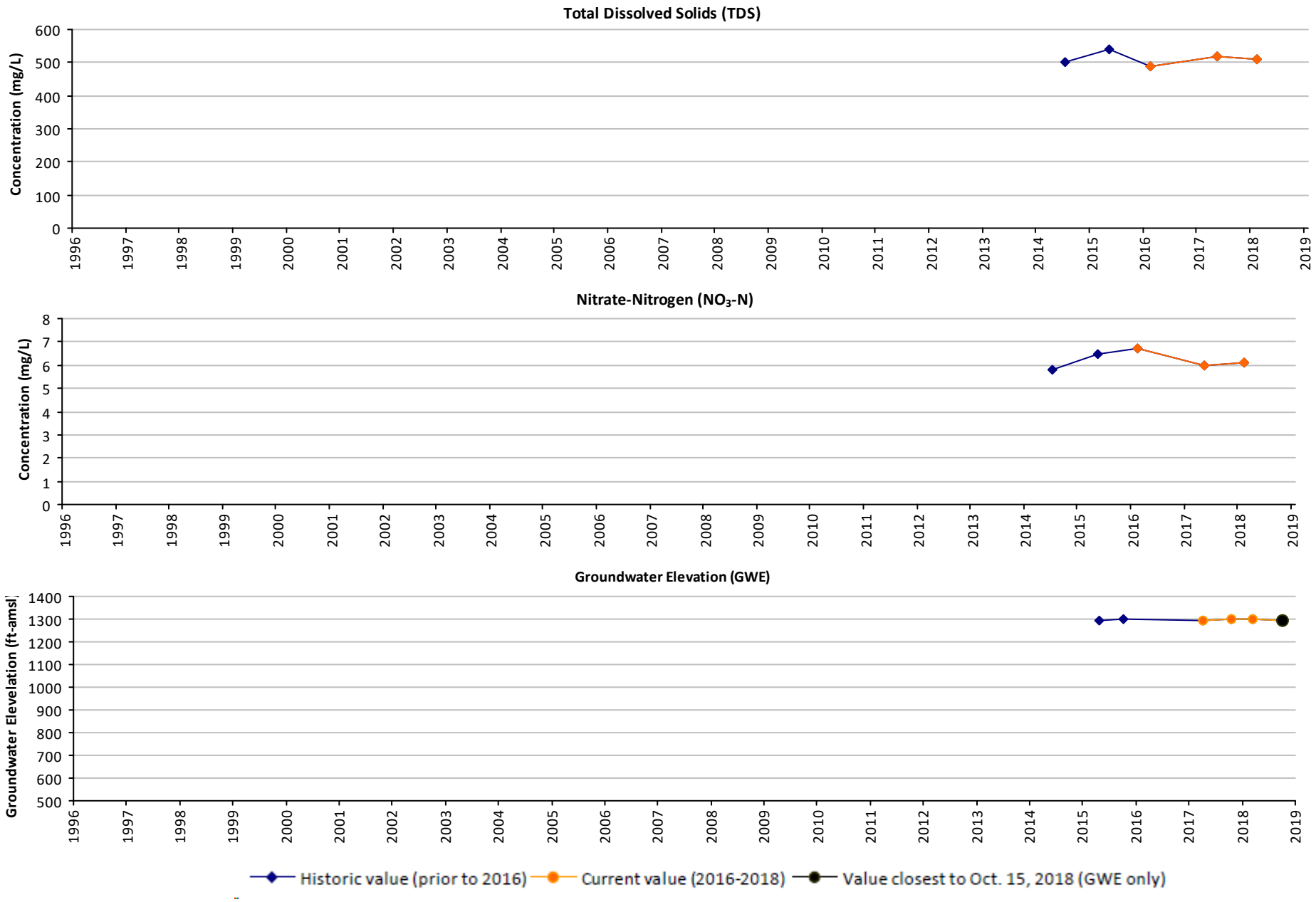
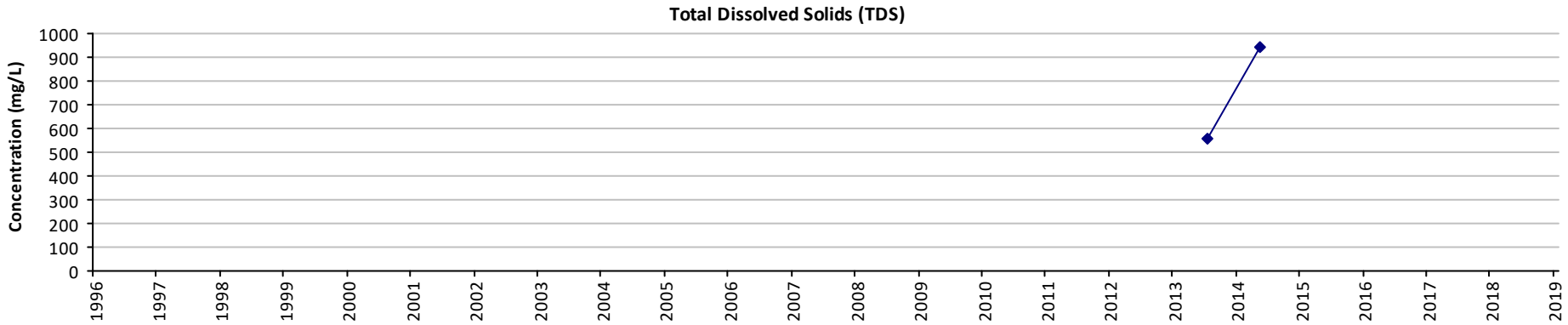
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
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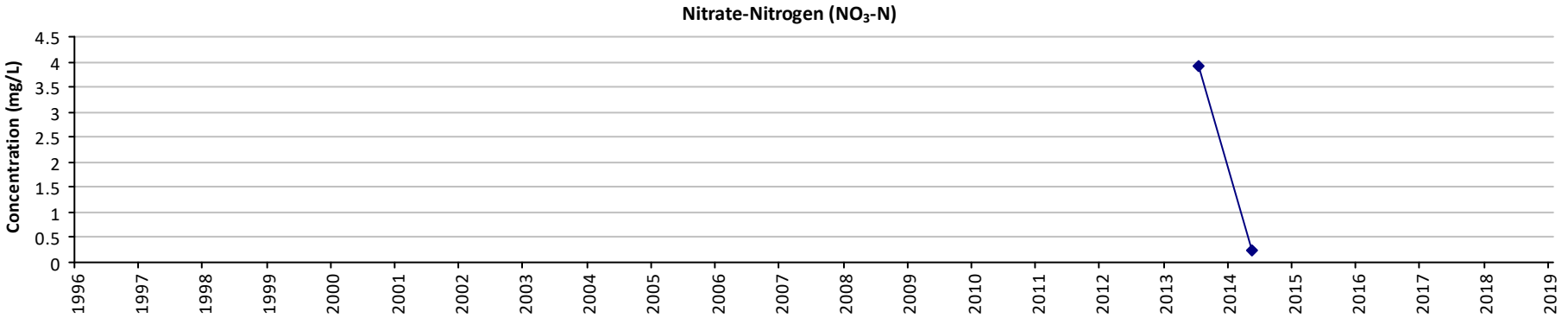
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
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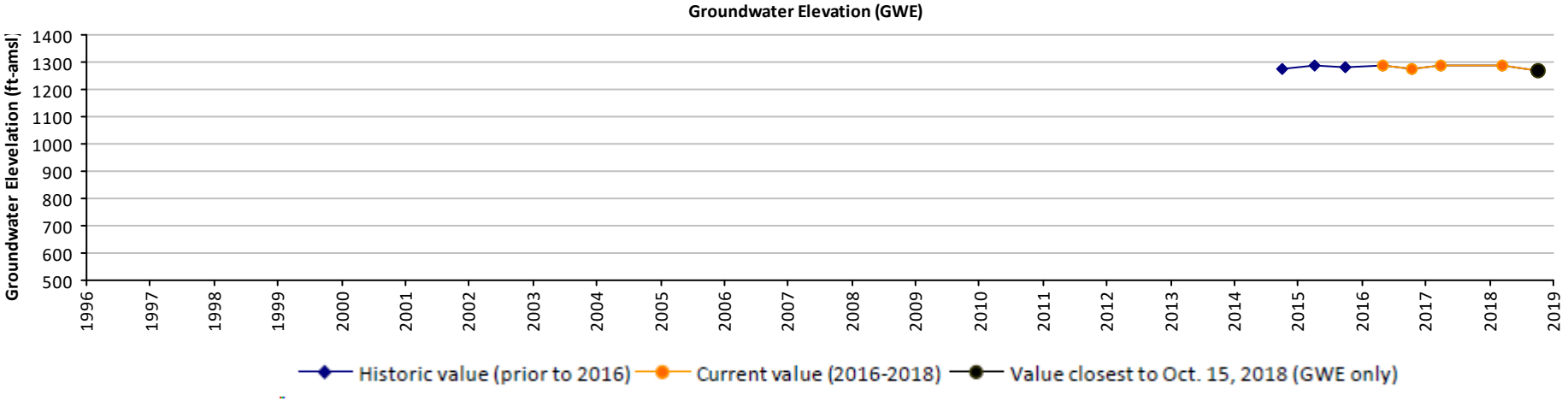
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1996
1997
1998
1999
2000
2001
2002
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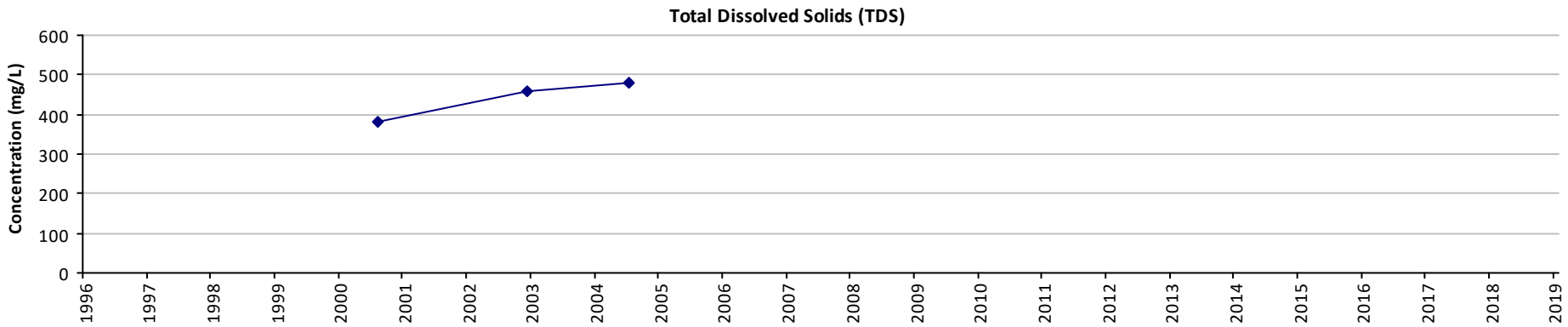
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
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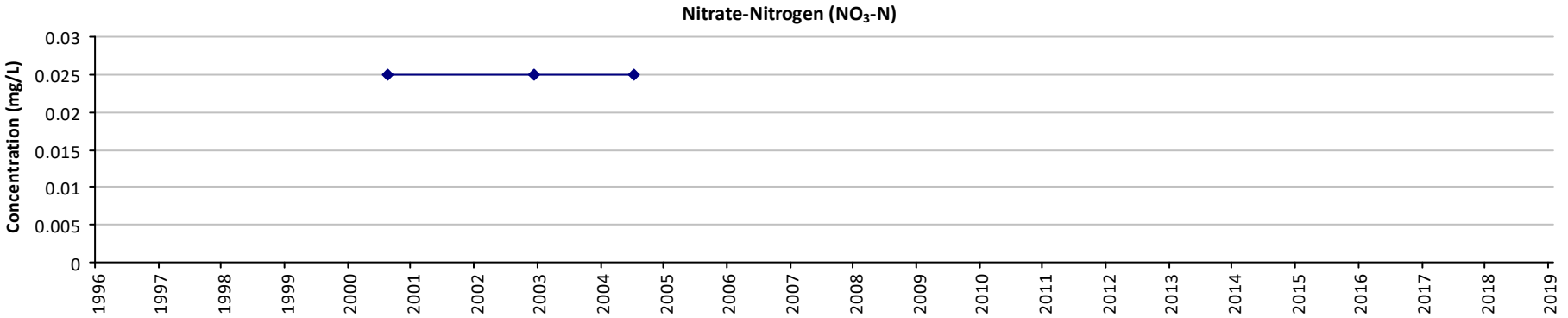
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
2004
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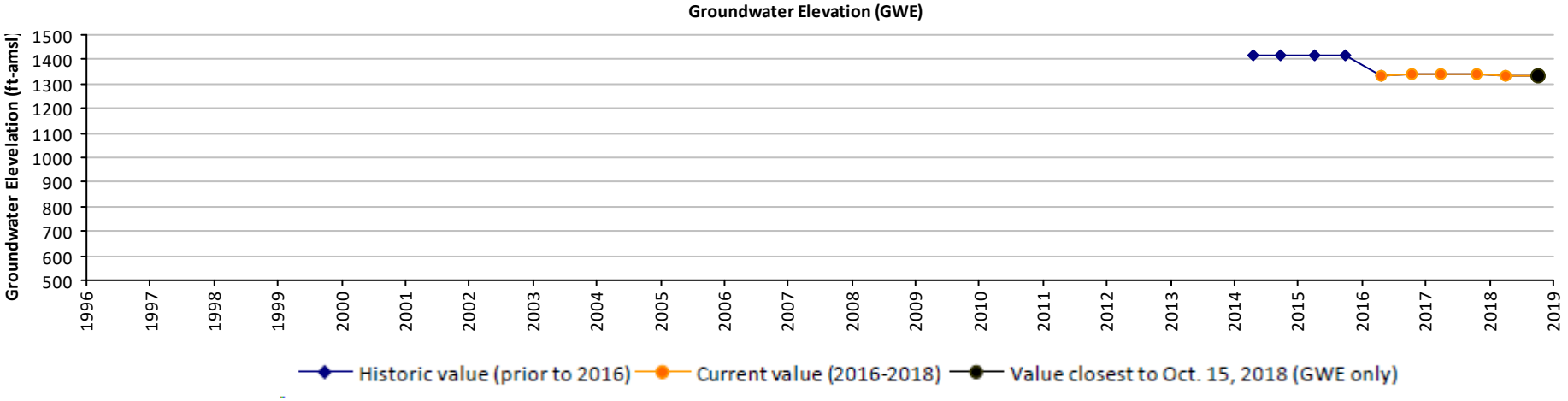
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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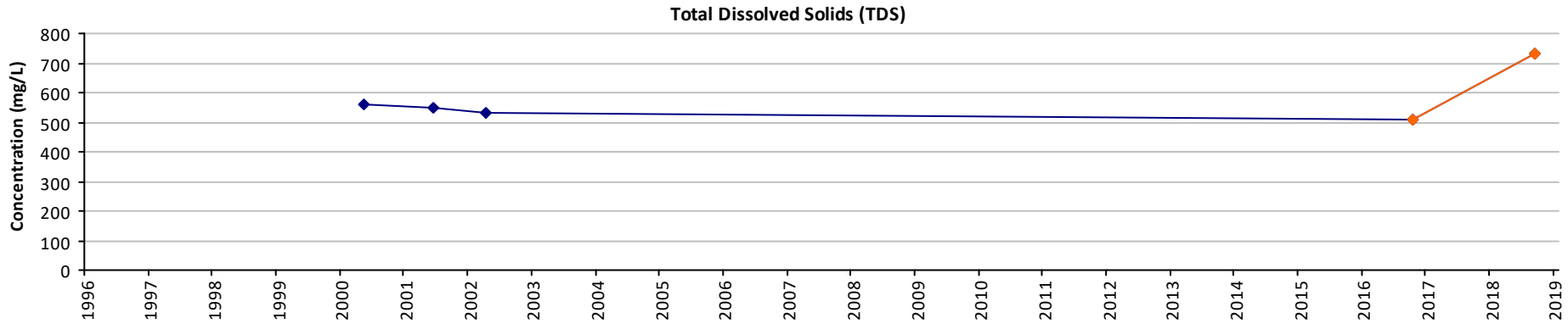
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
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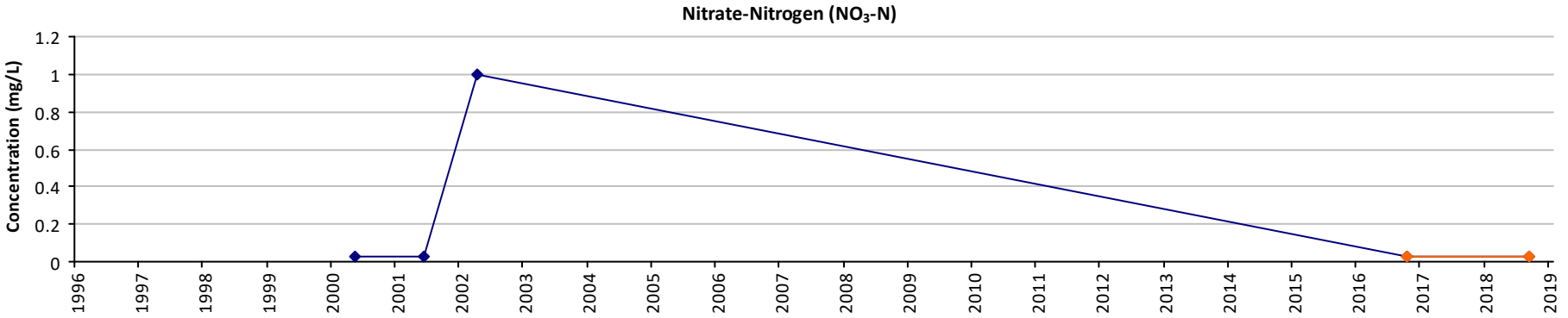
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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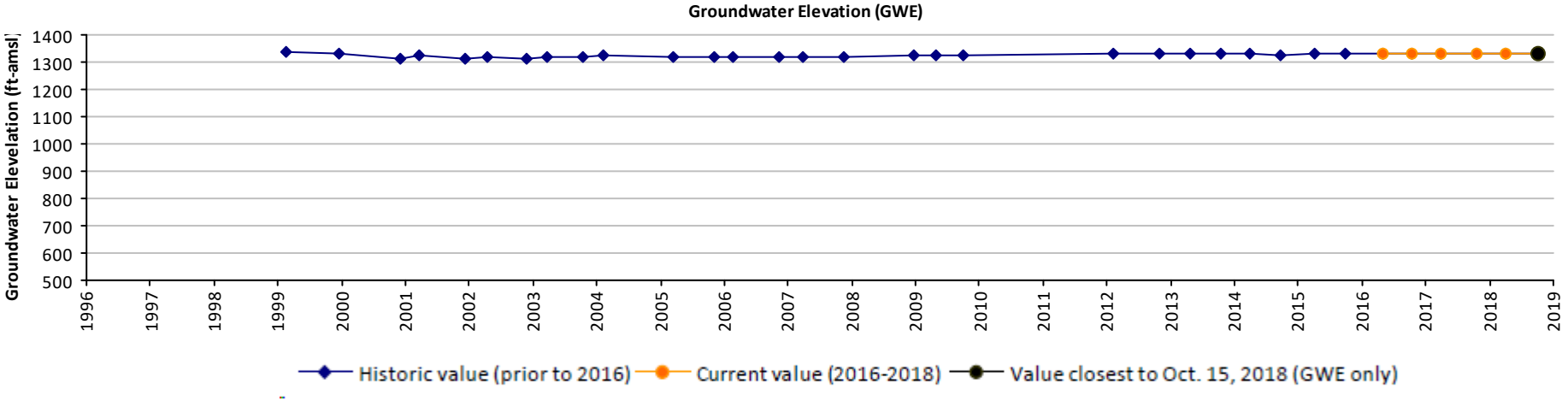
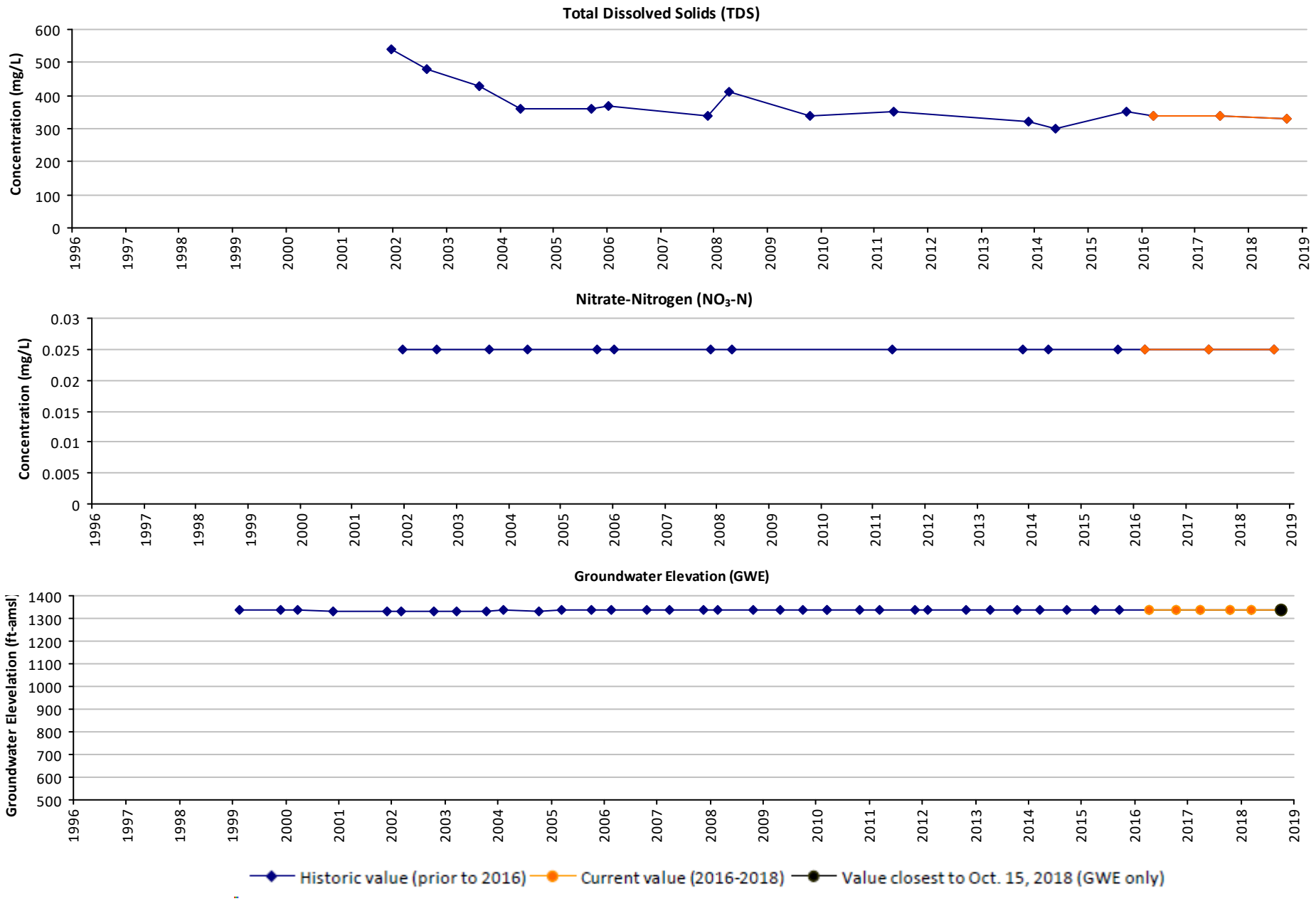
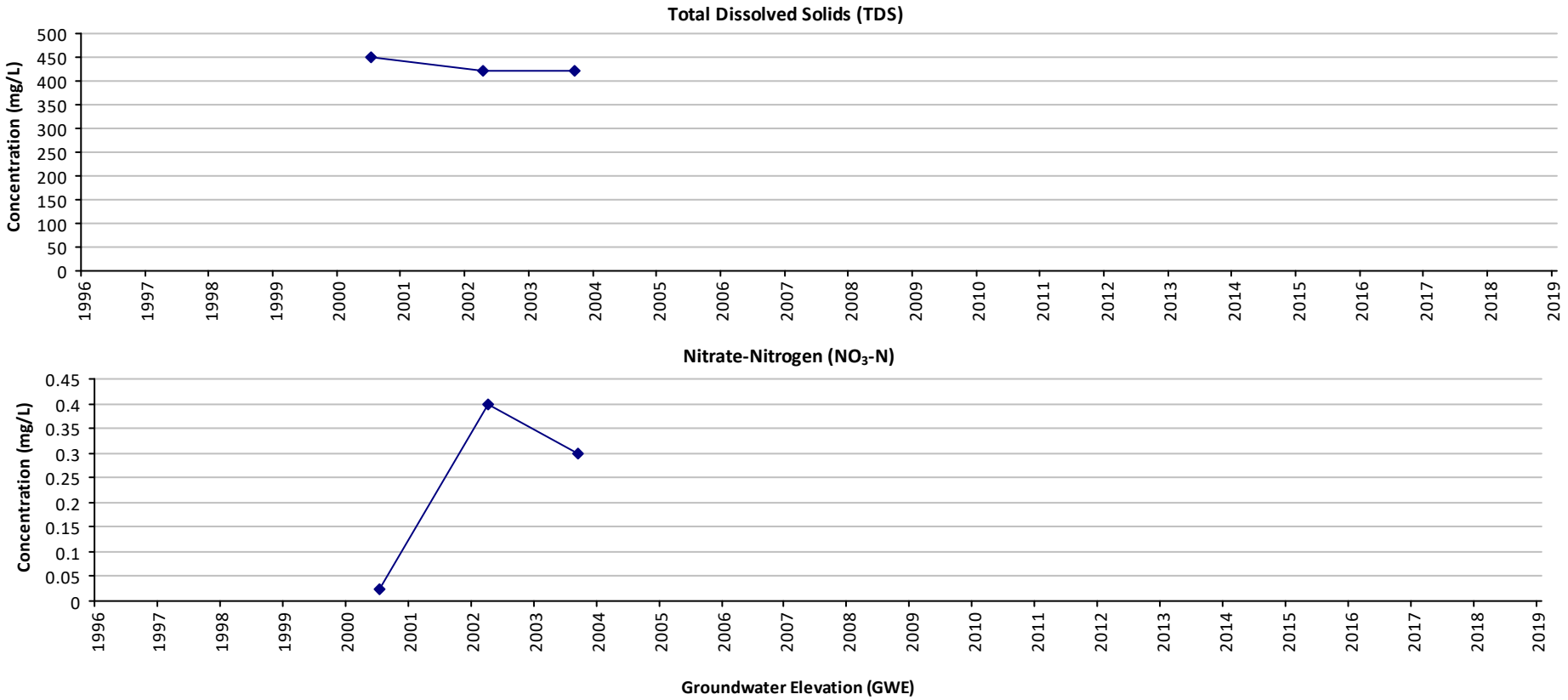
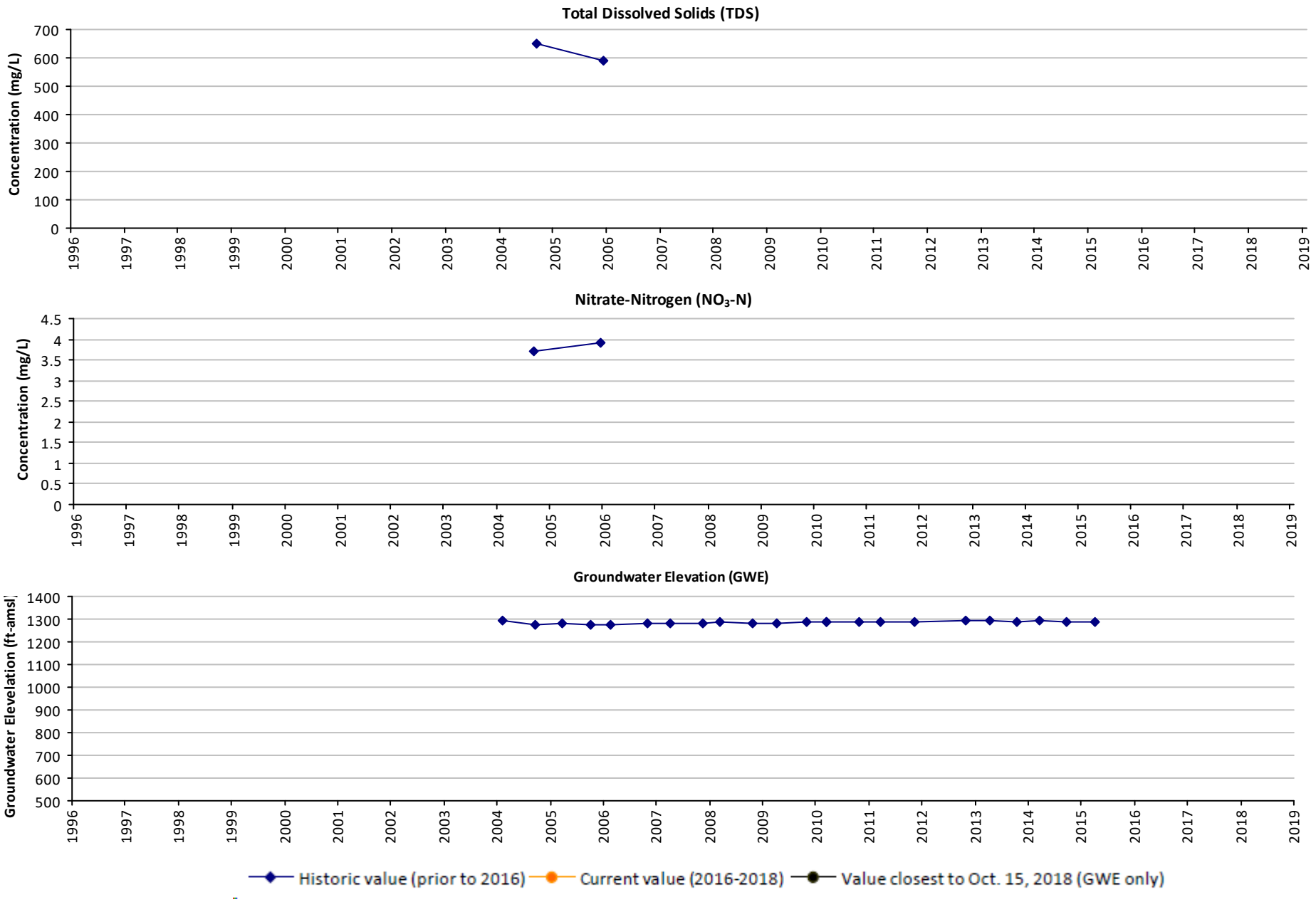
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
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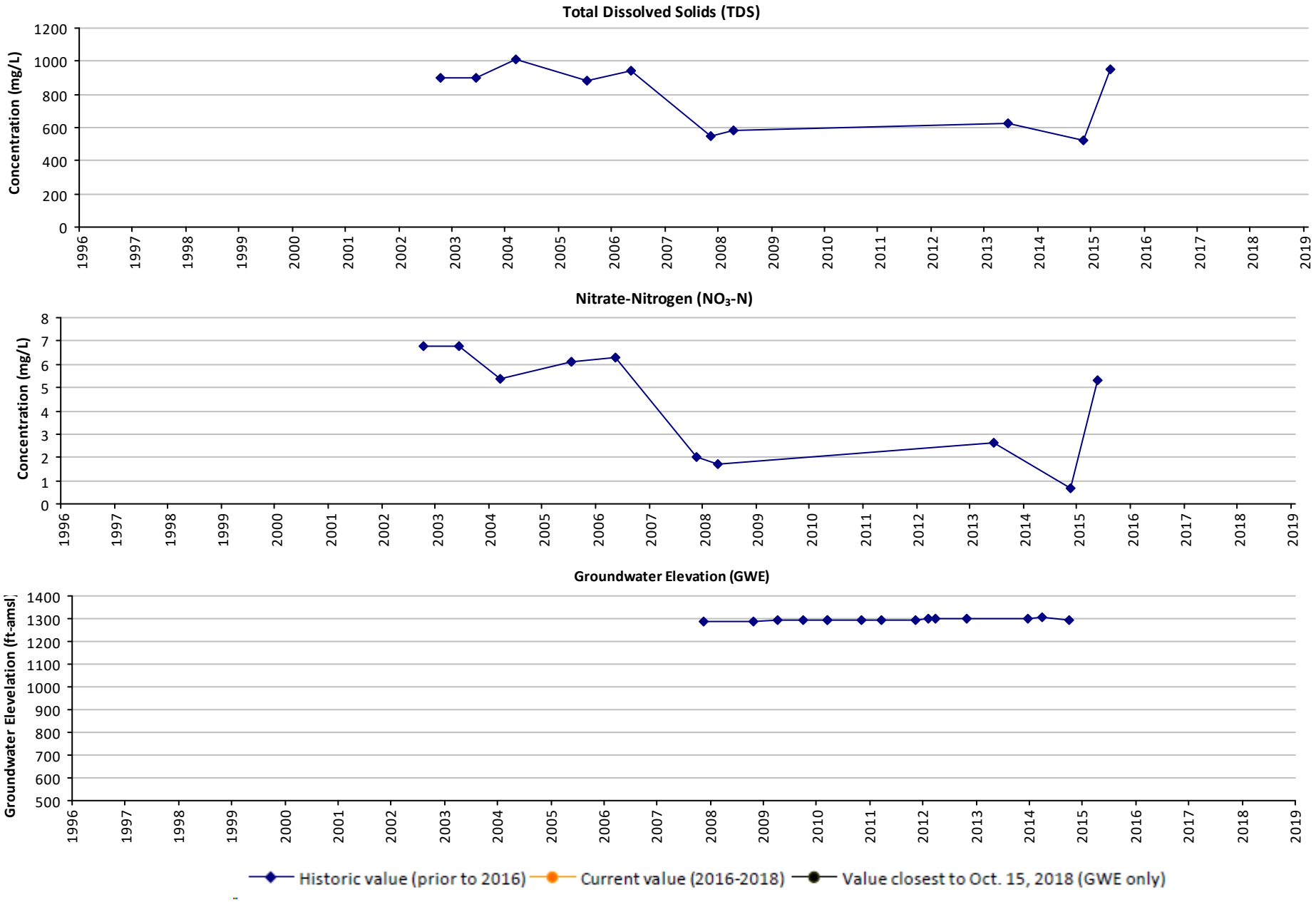
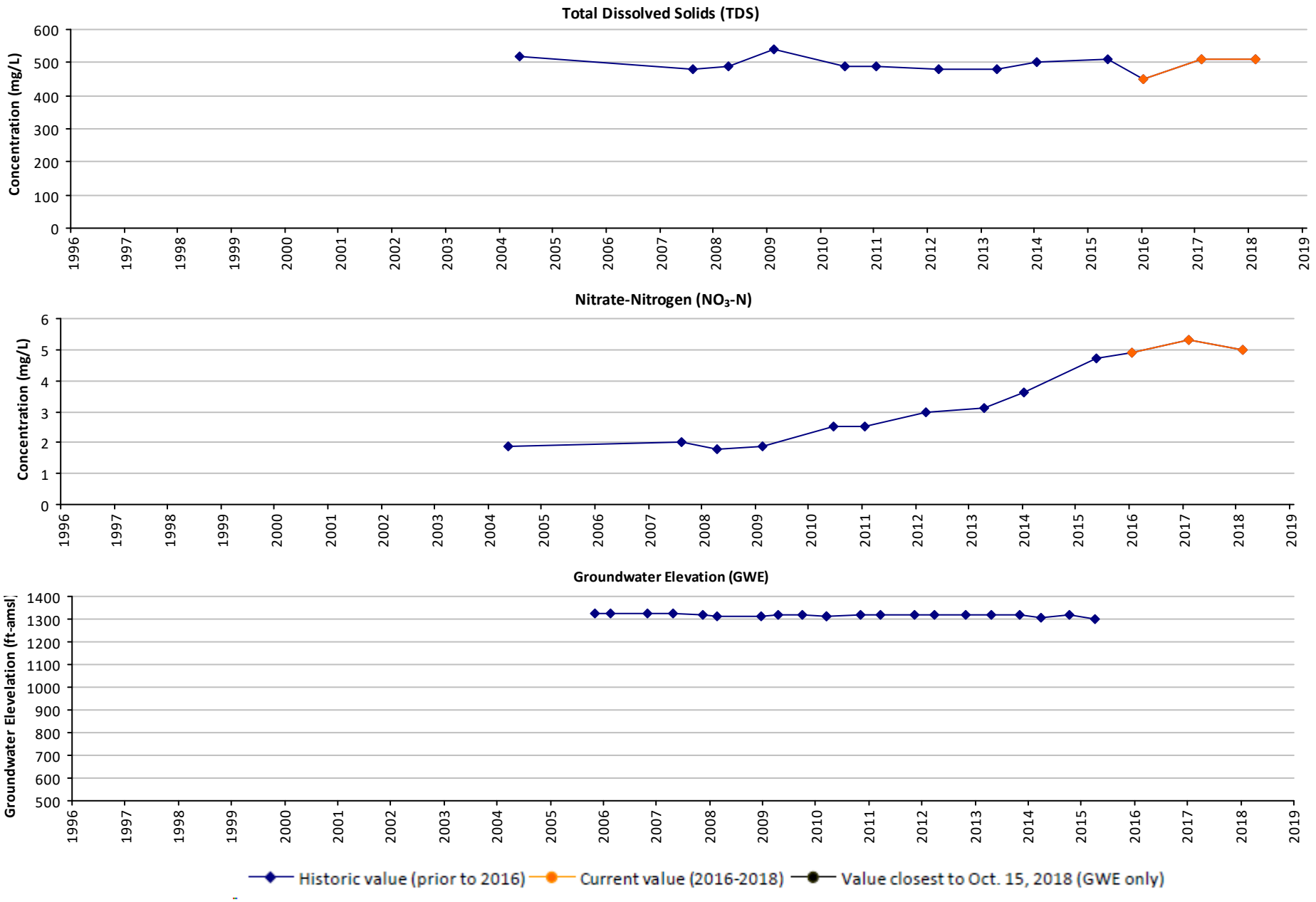
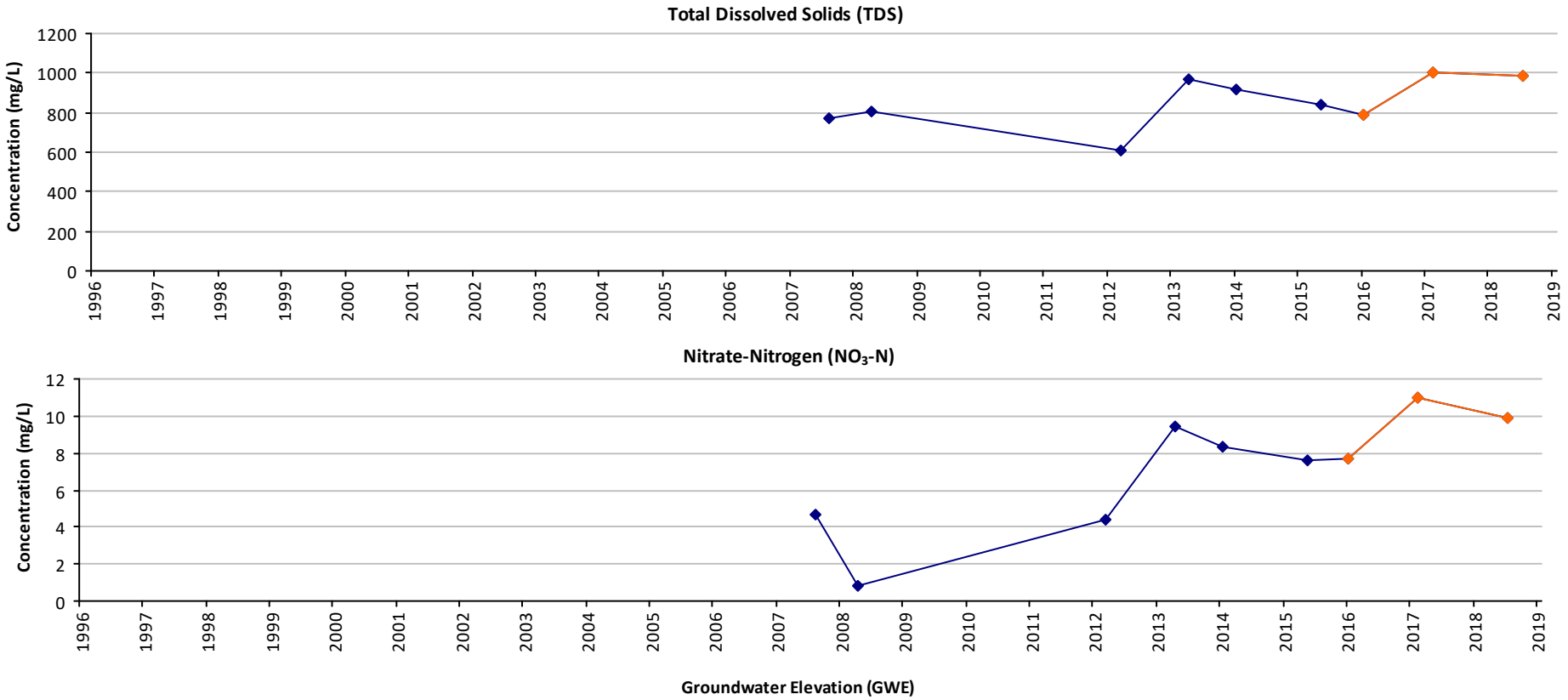
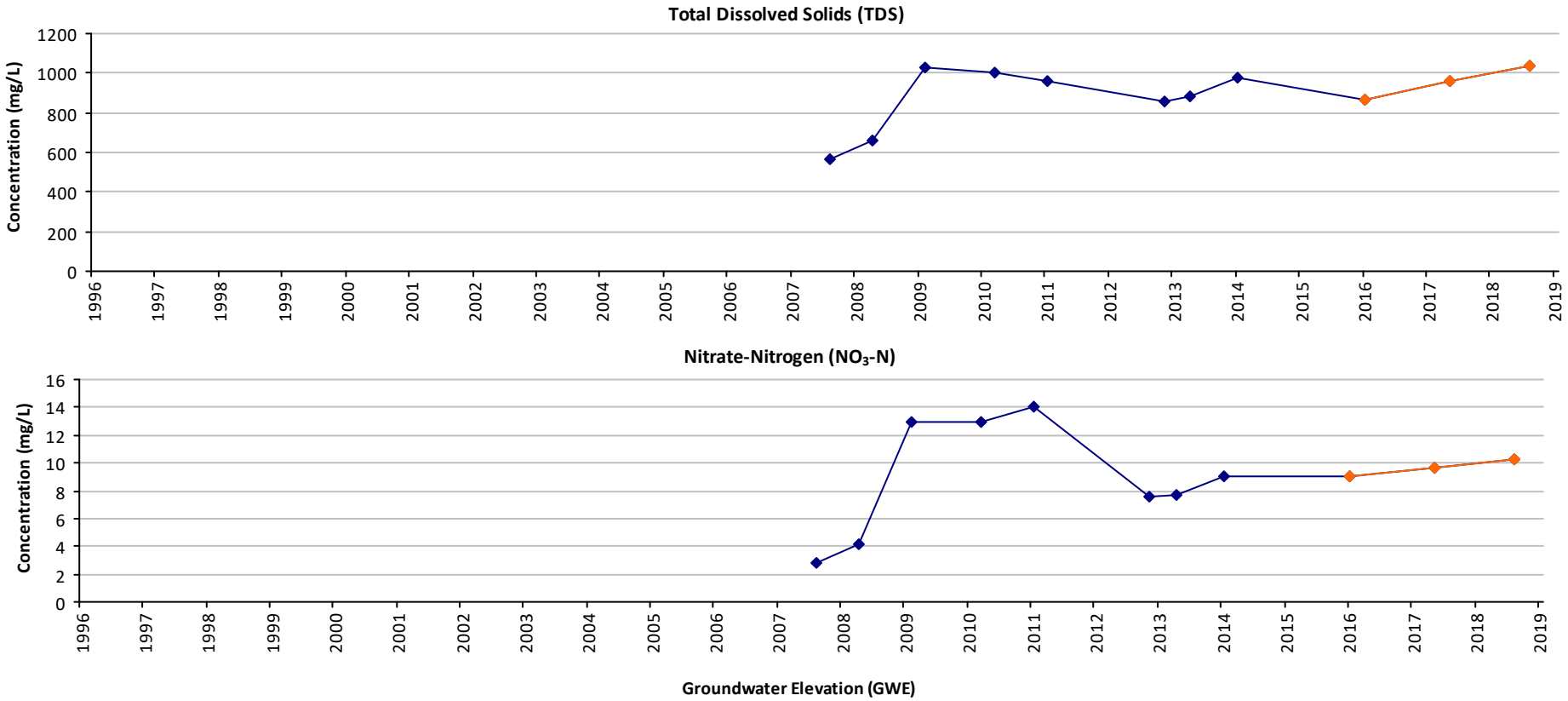
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

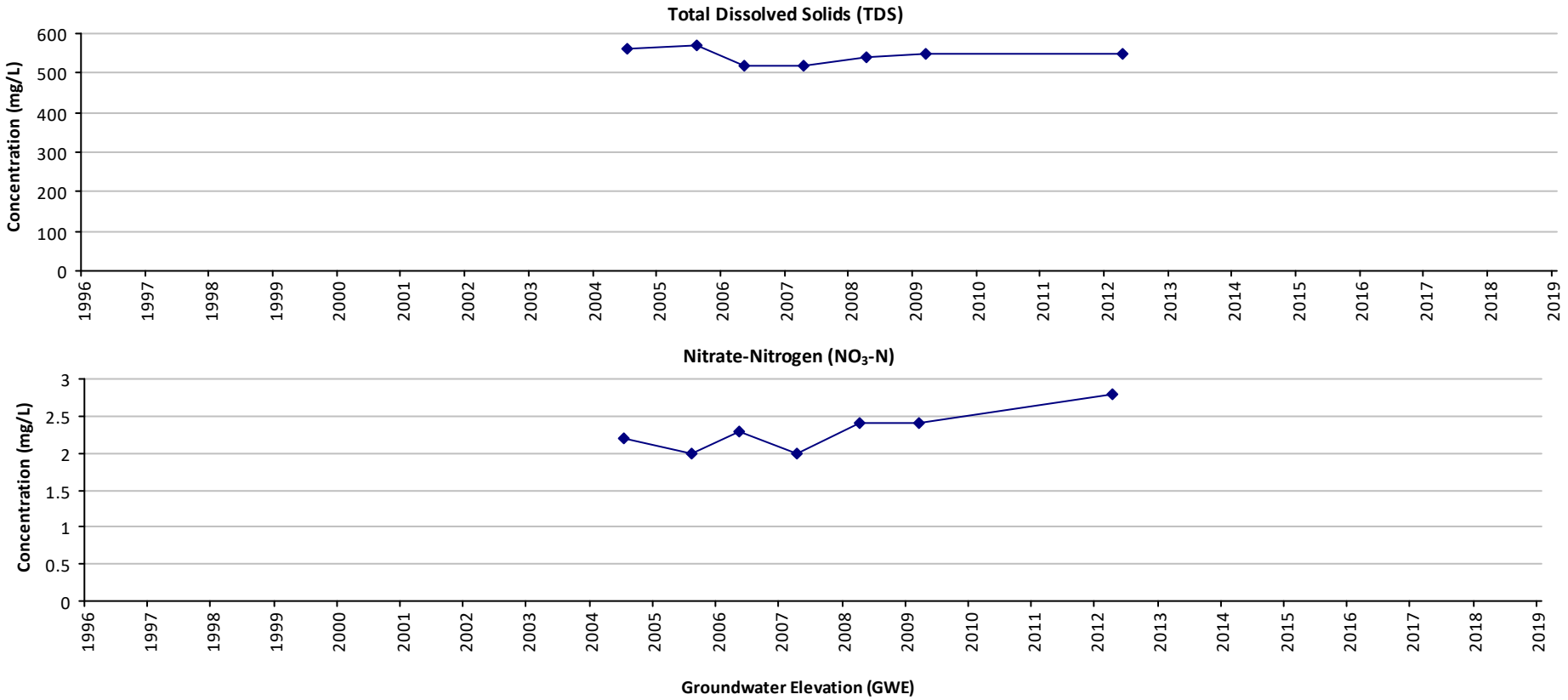

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

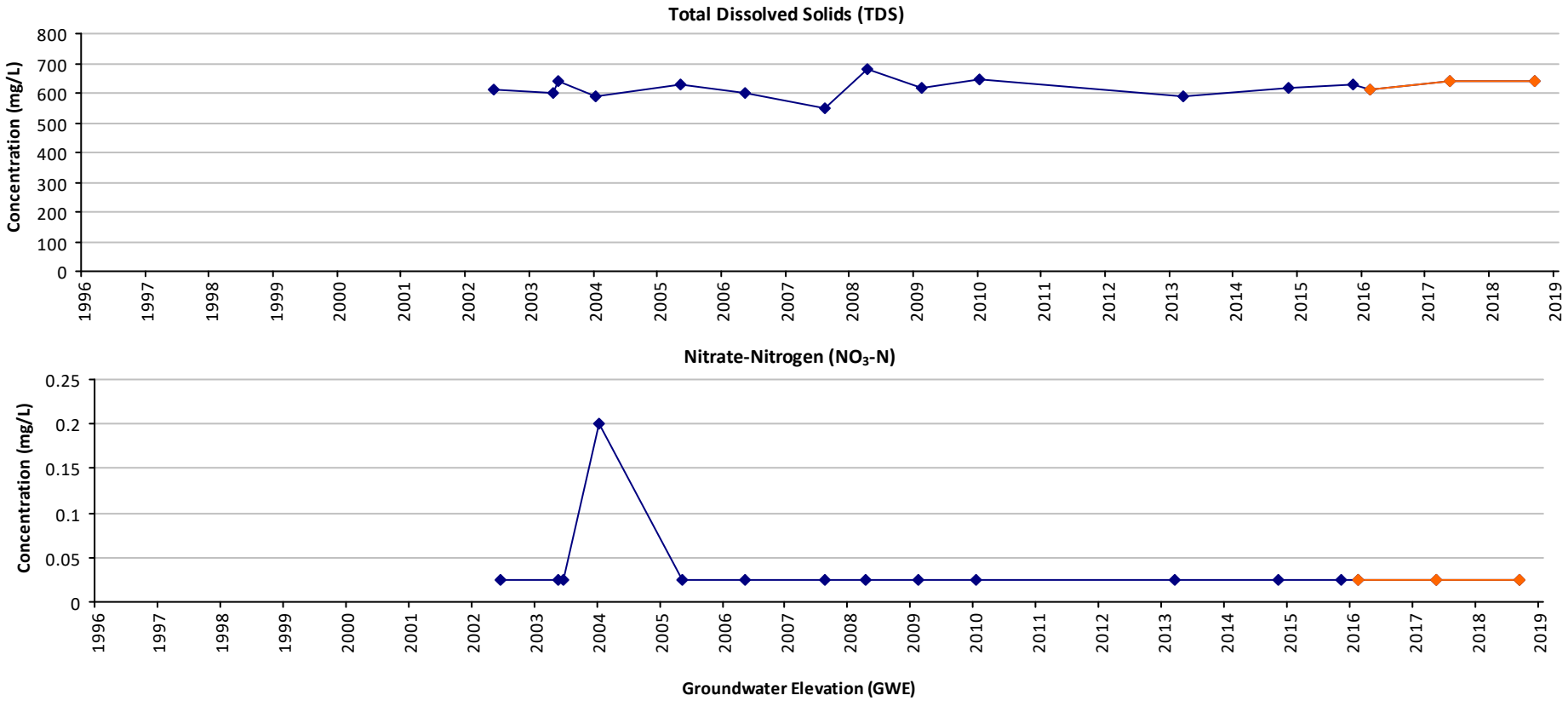

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

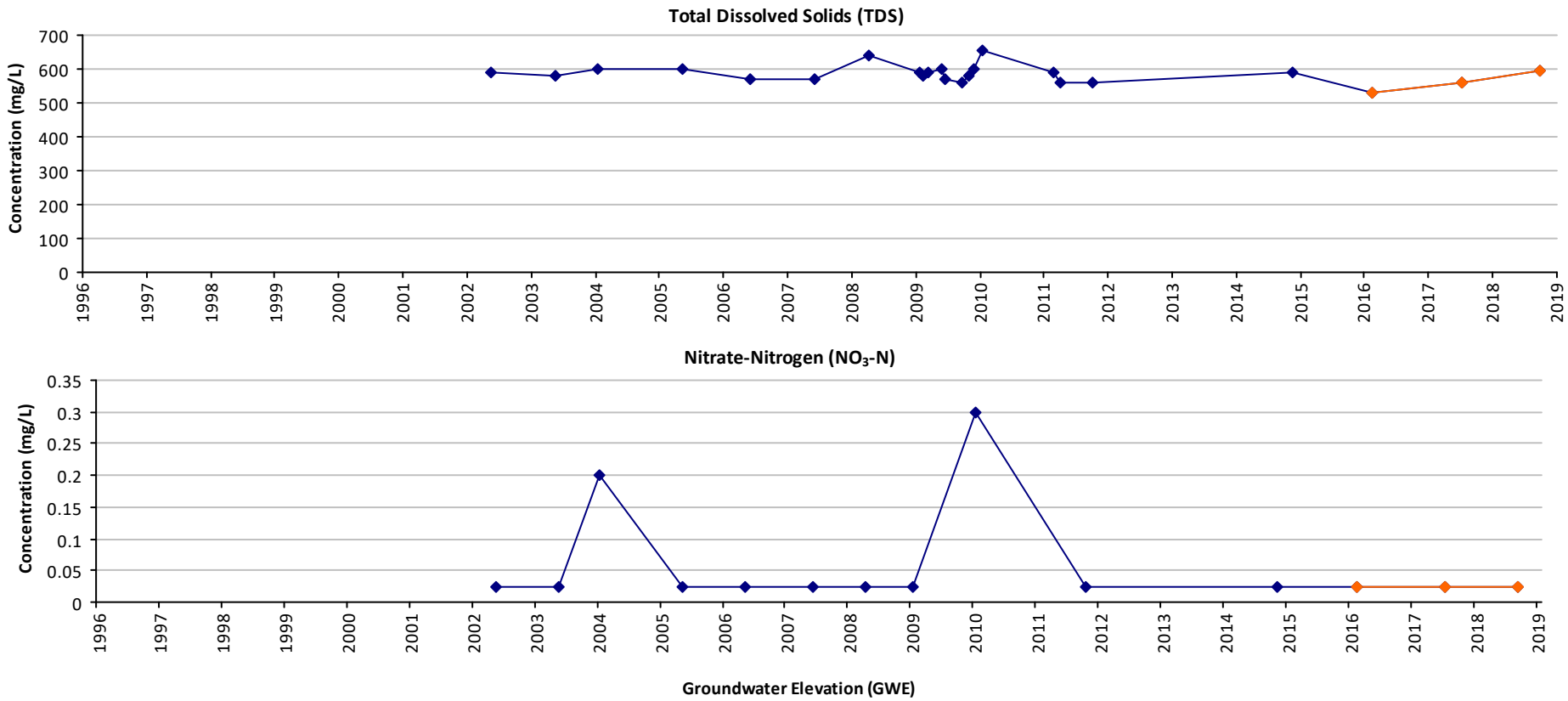

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

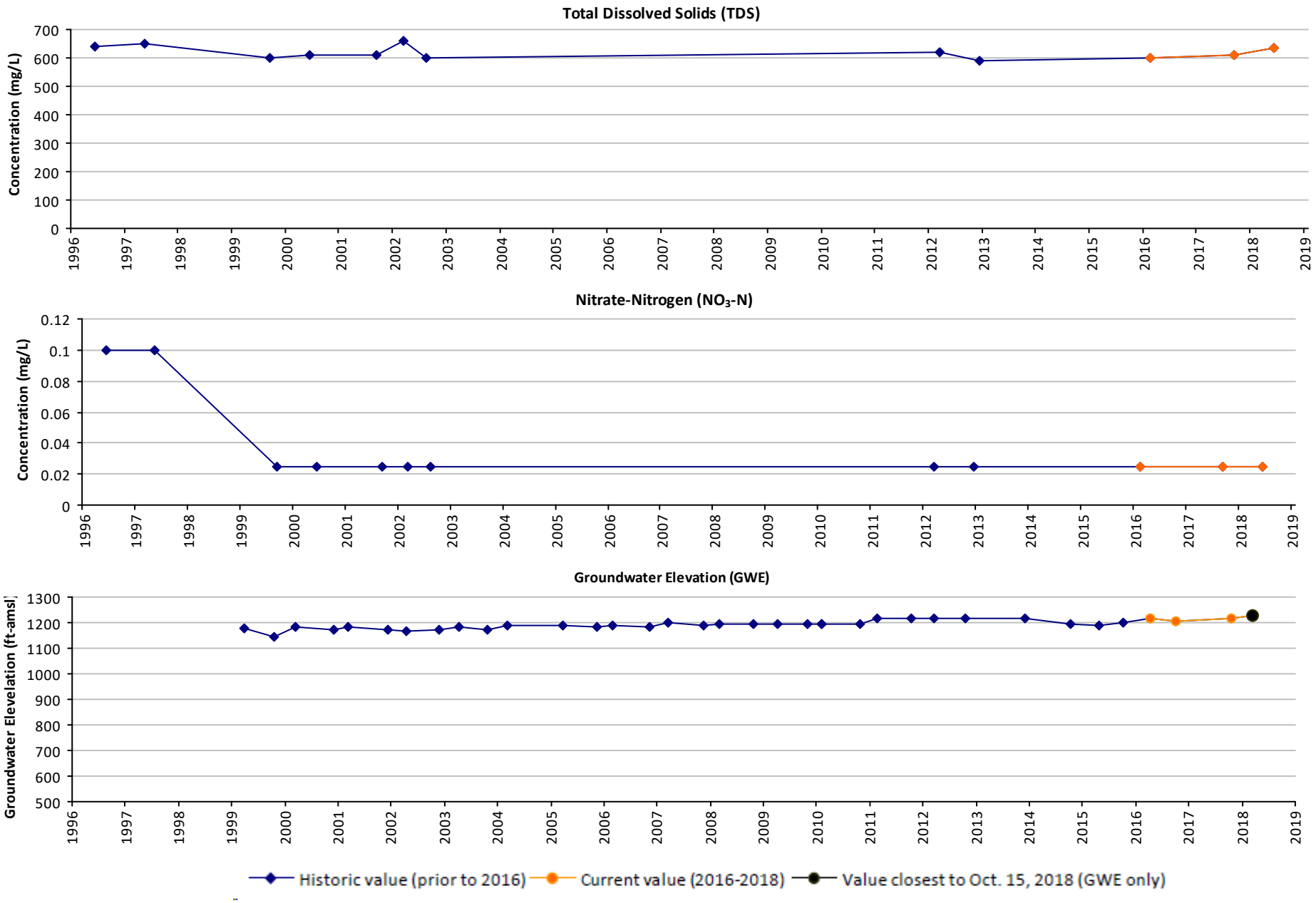

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

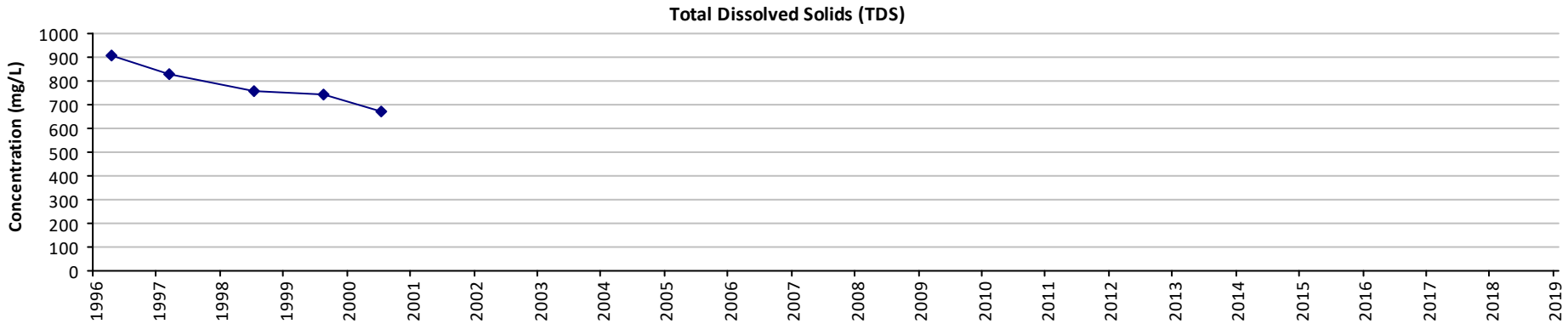
Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

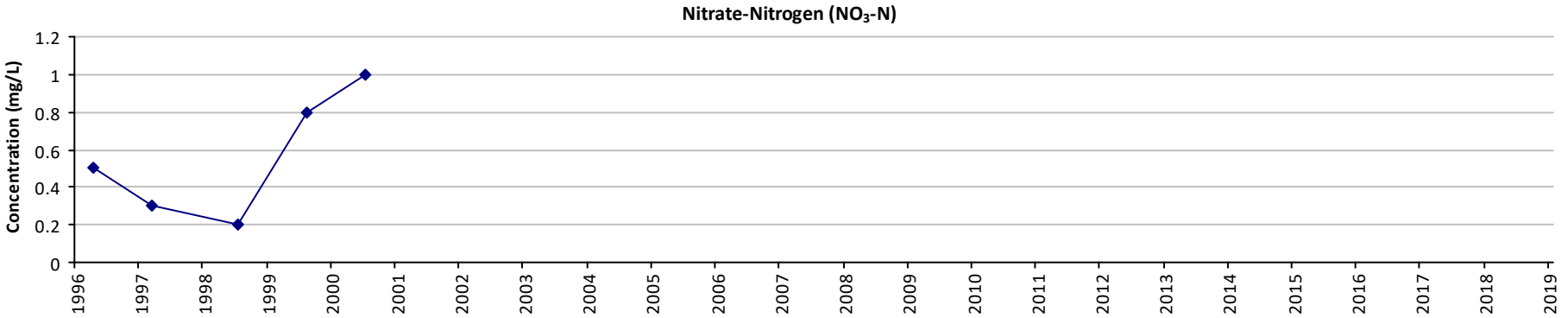

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

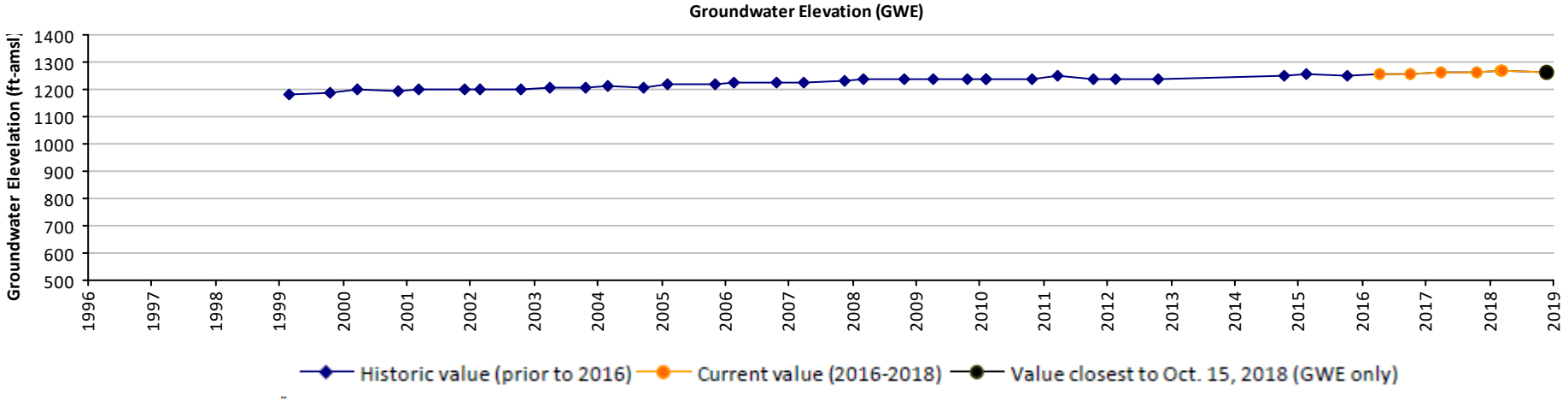

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

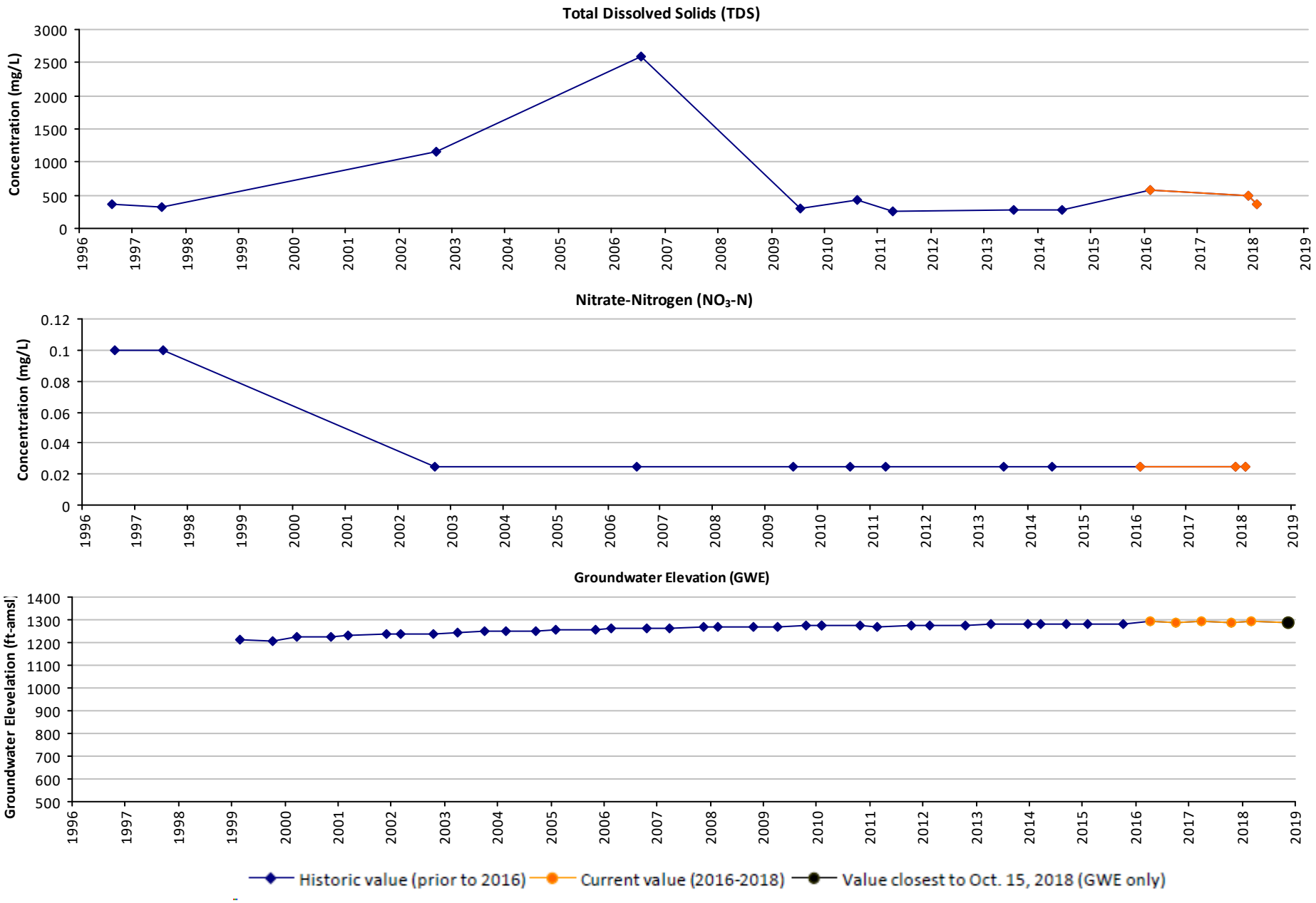

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

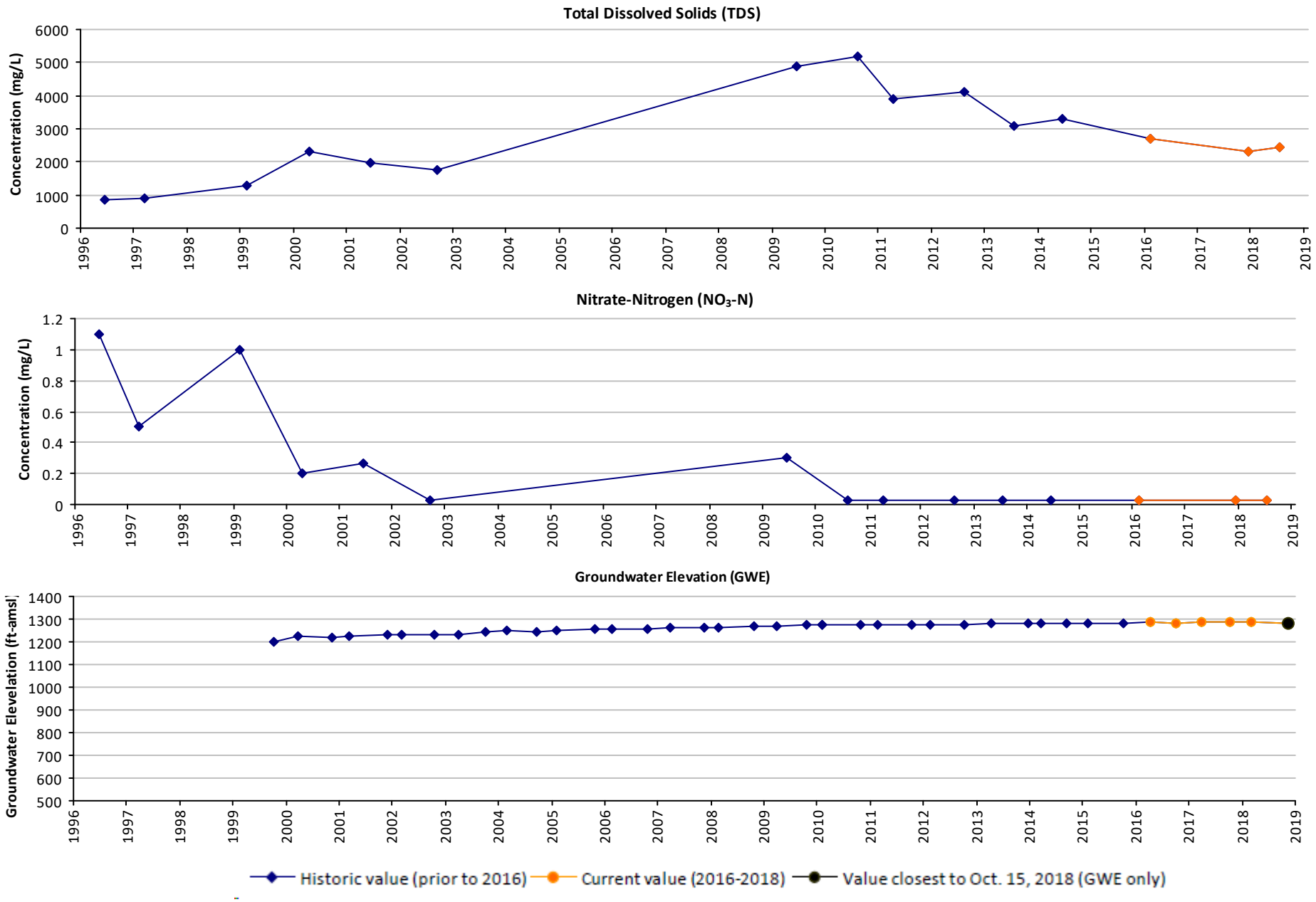

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

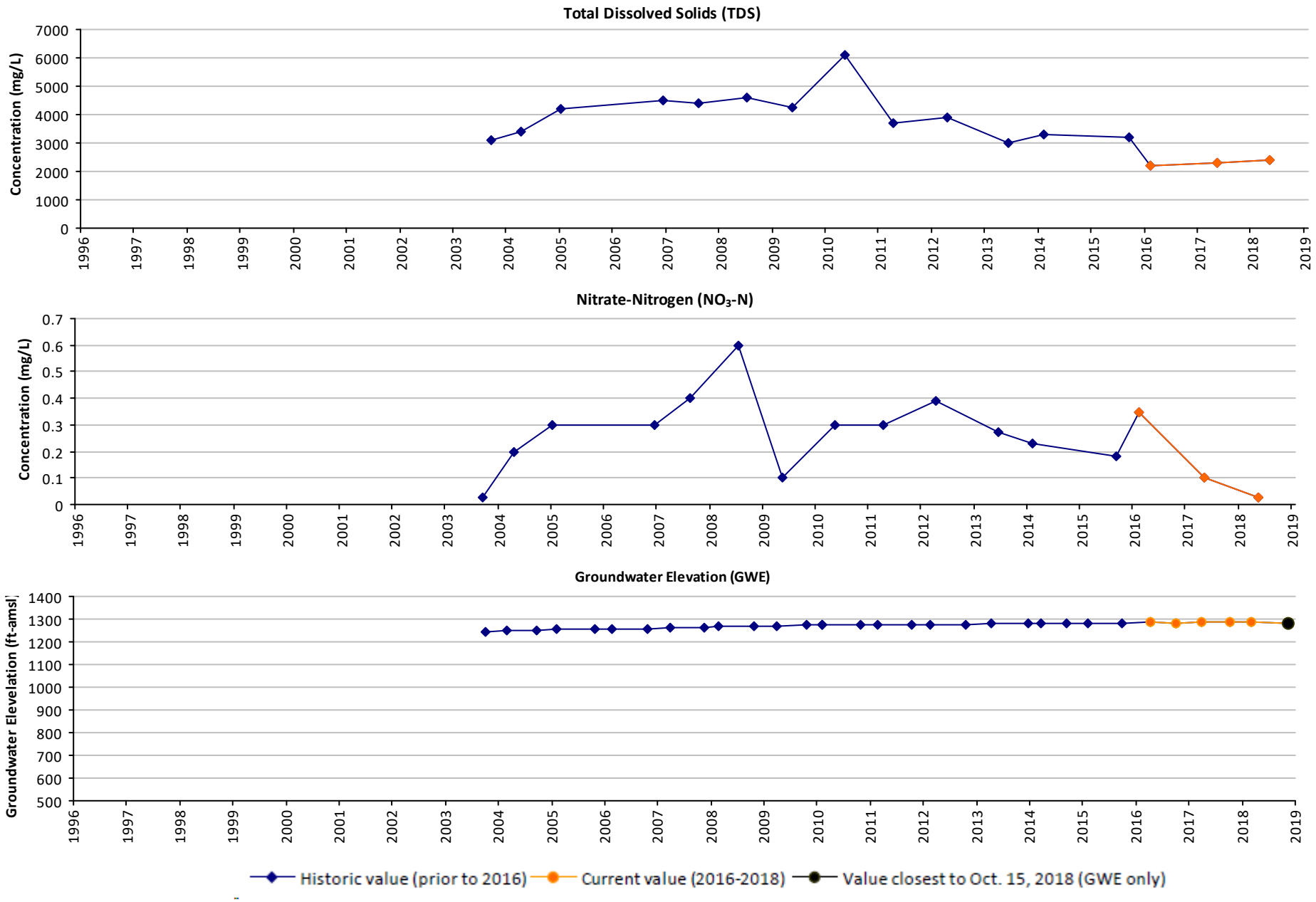

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

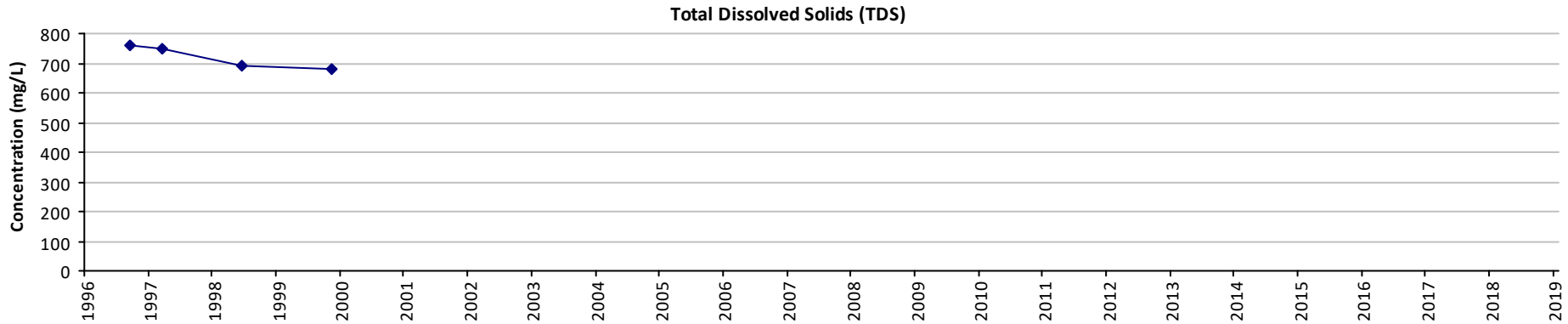

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
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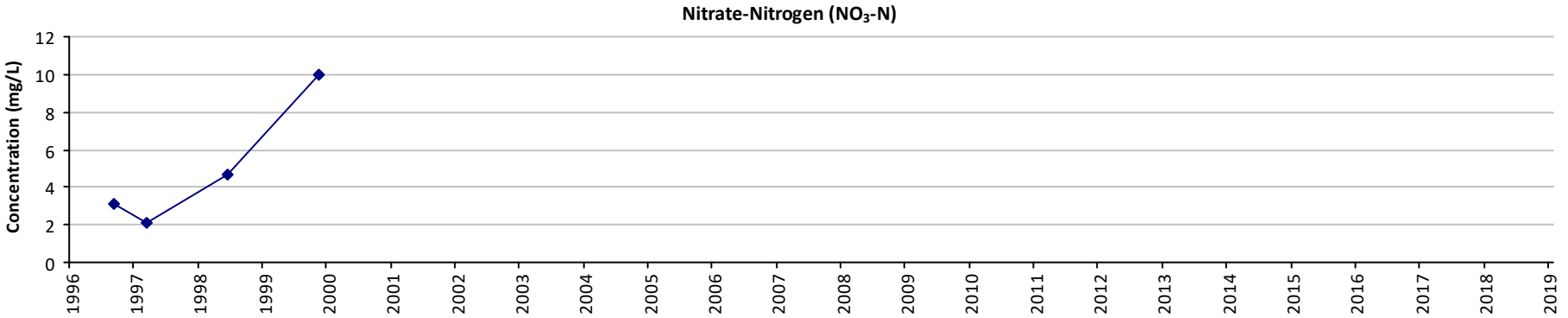
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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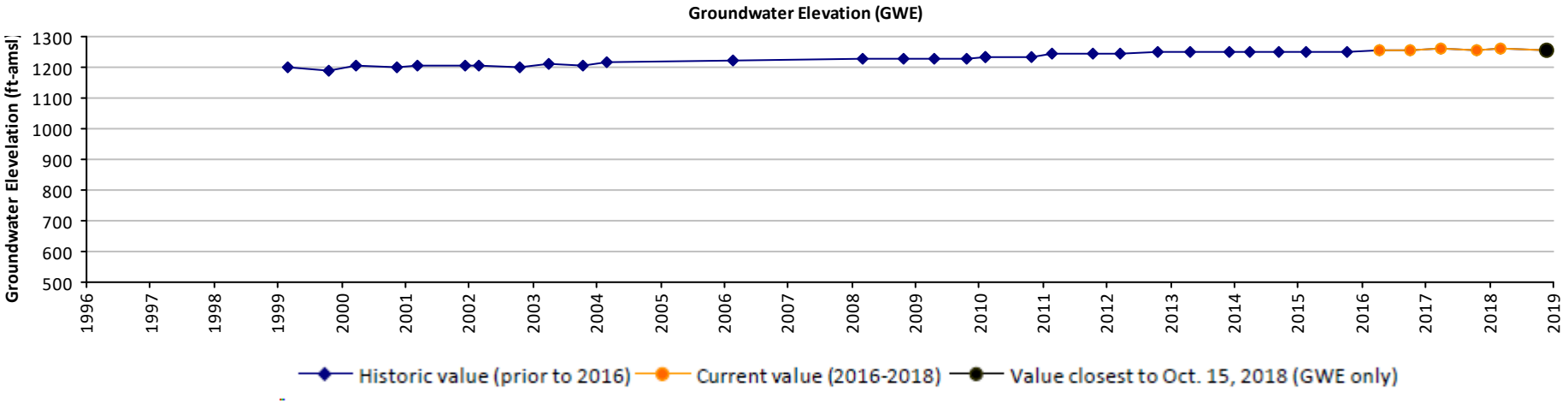
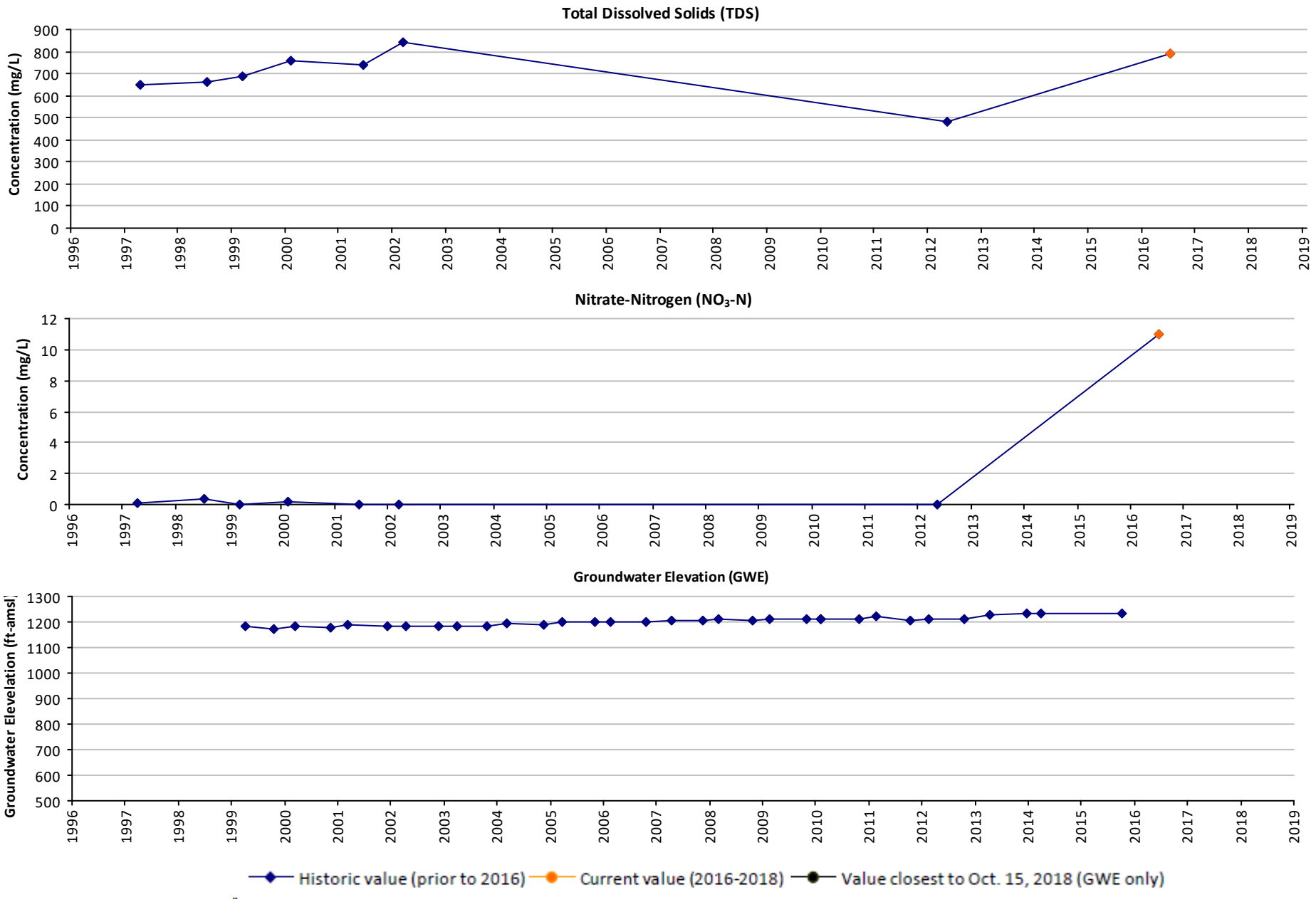
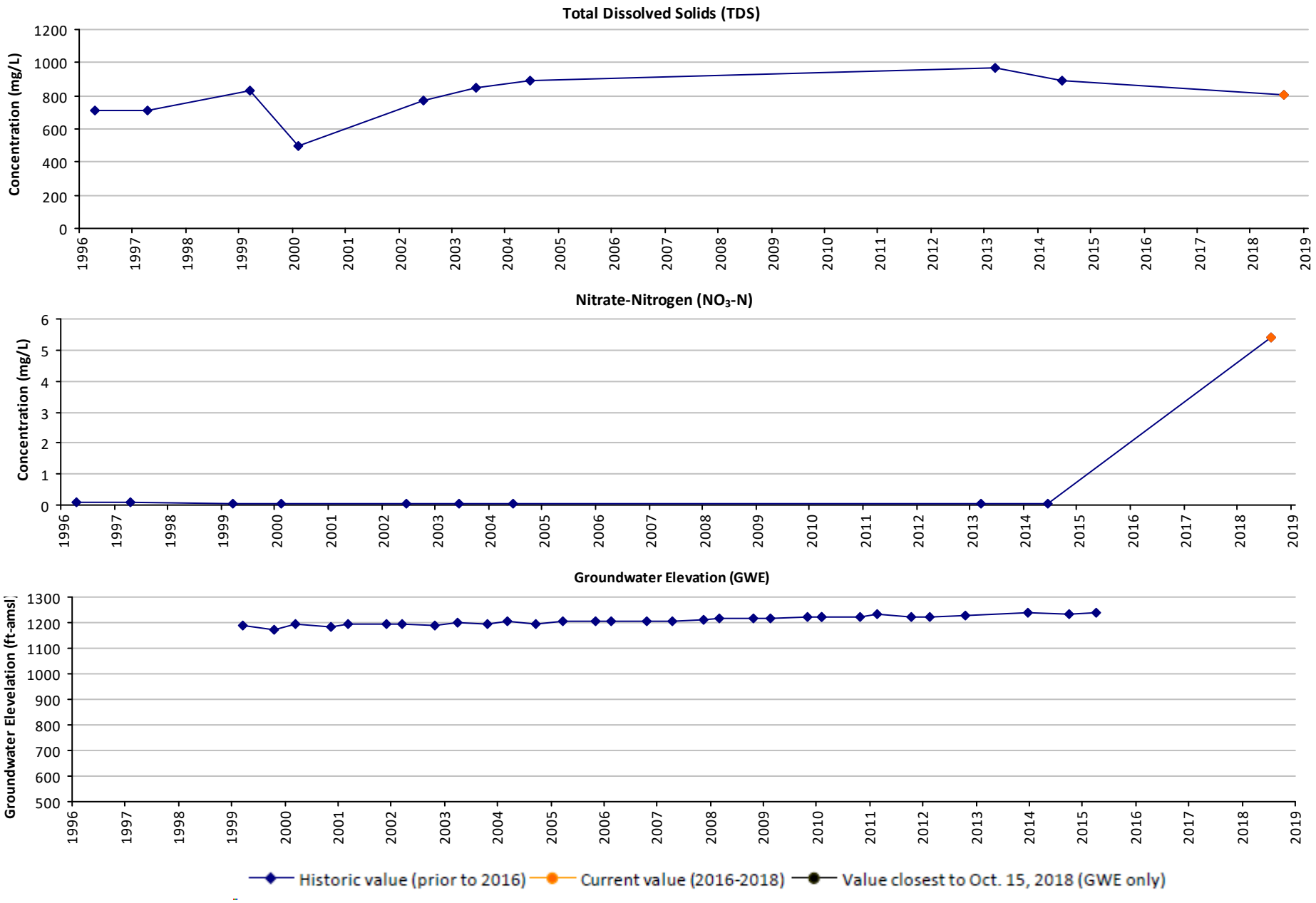
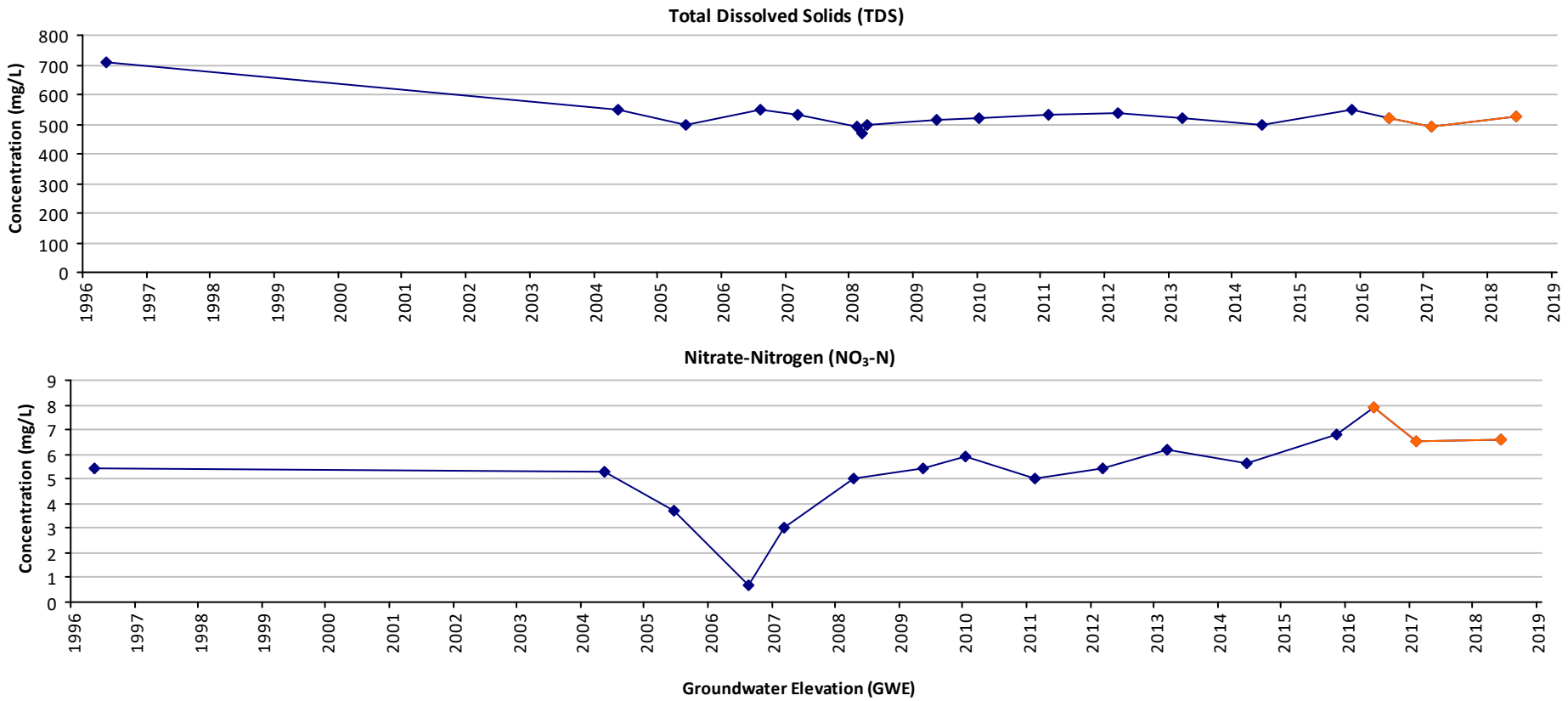
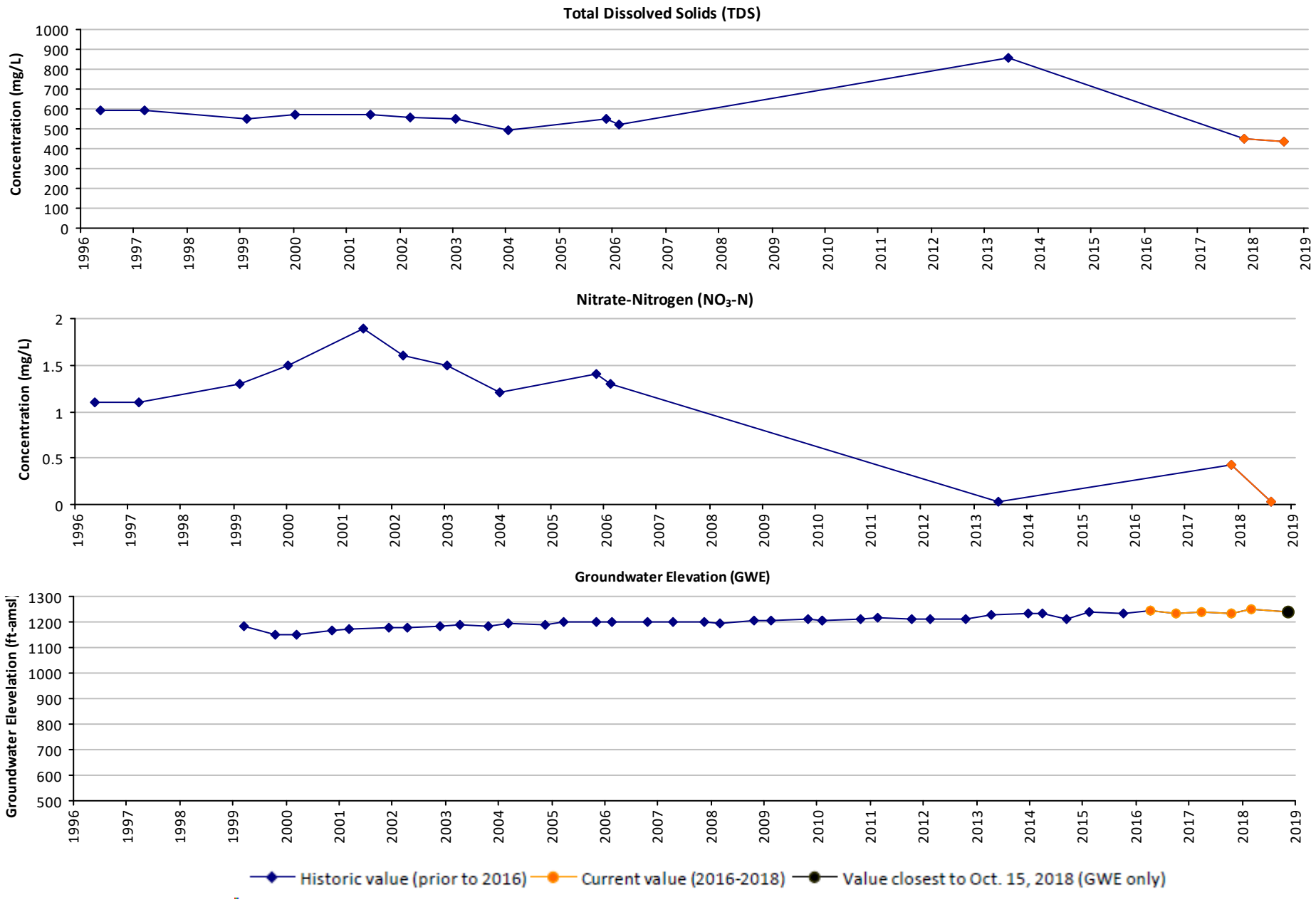
2016
2017
2018
2019

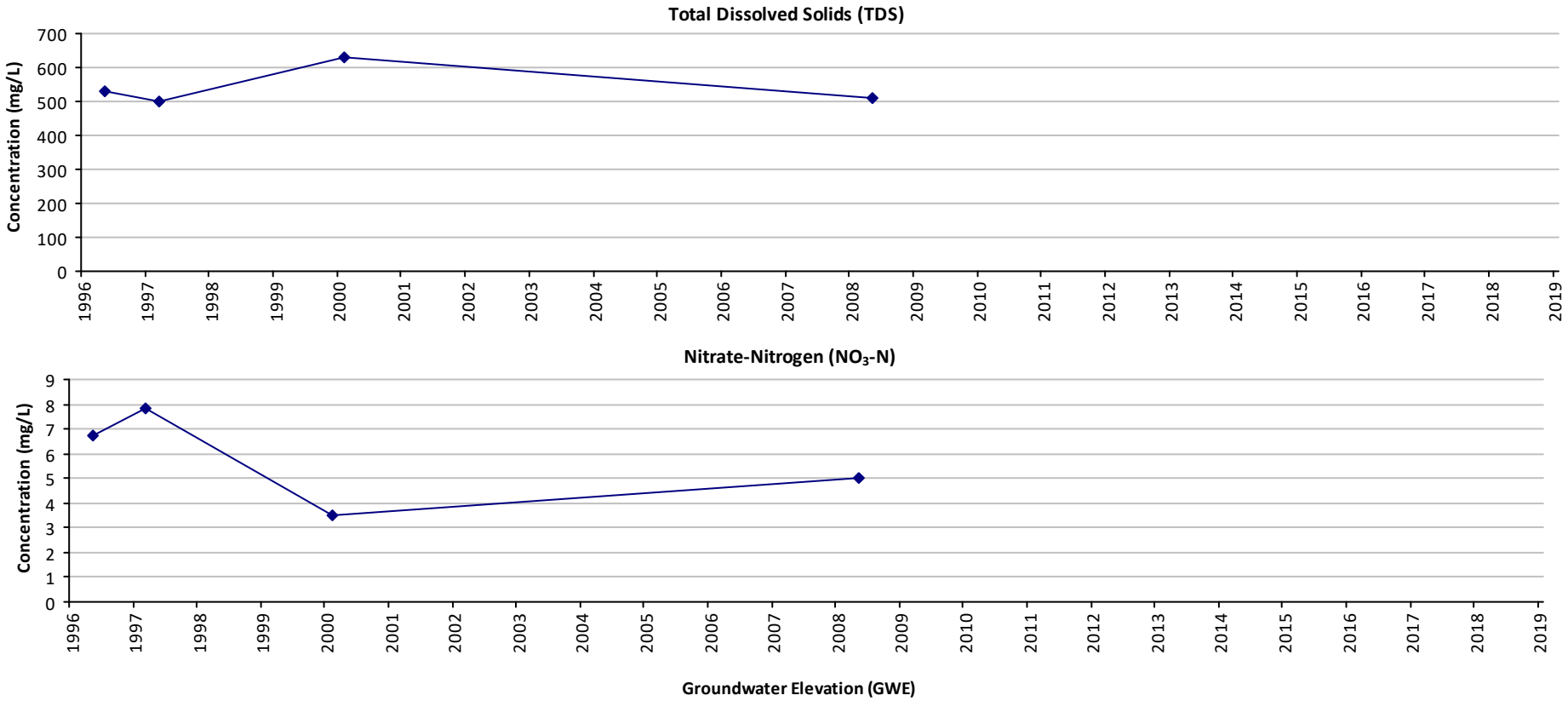

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

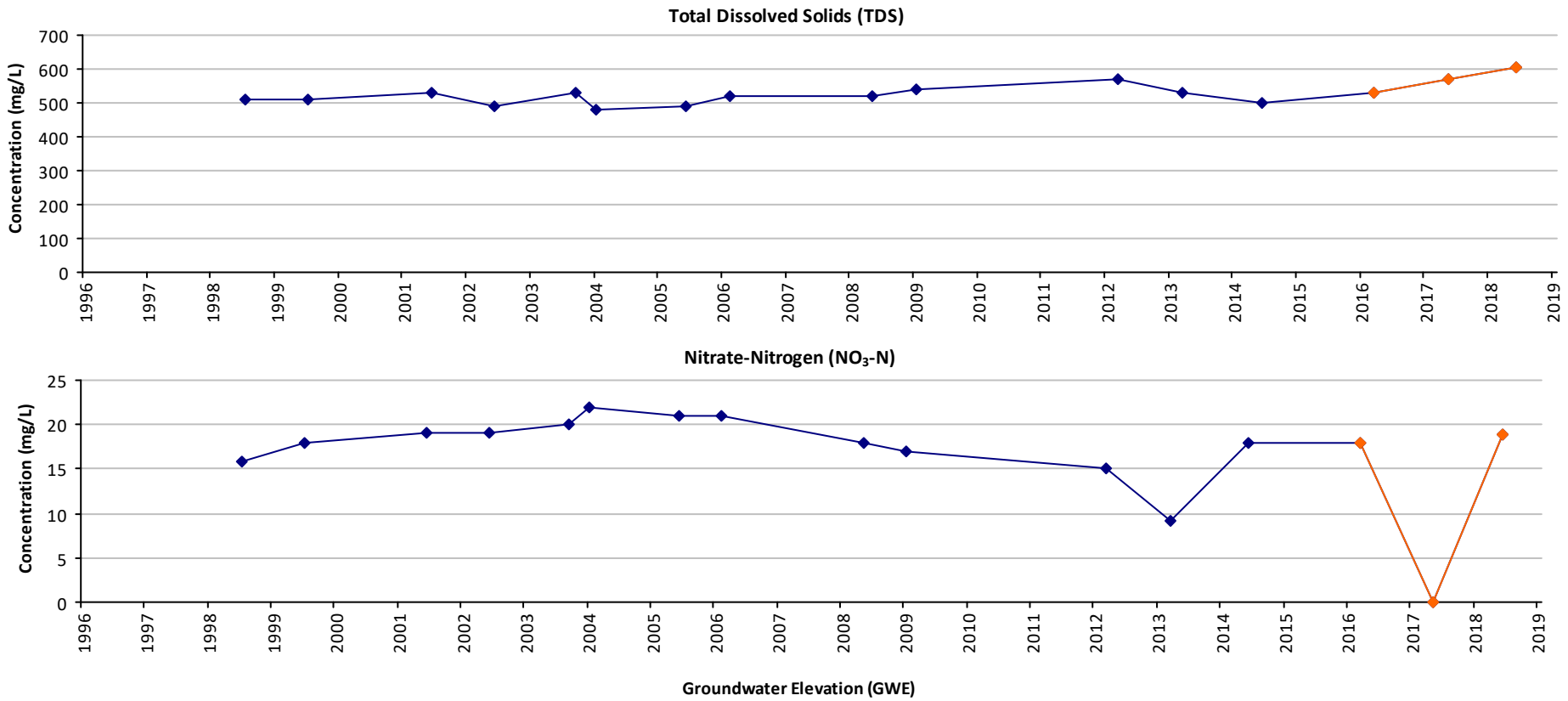

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

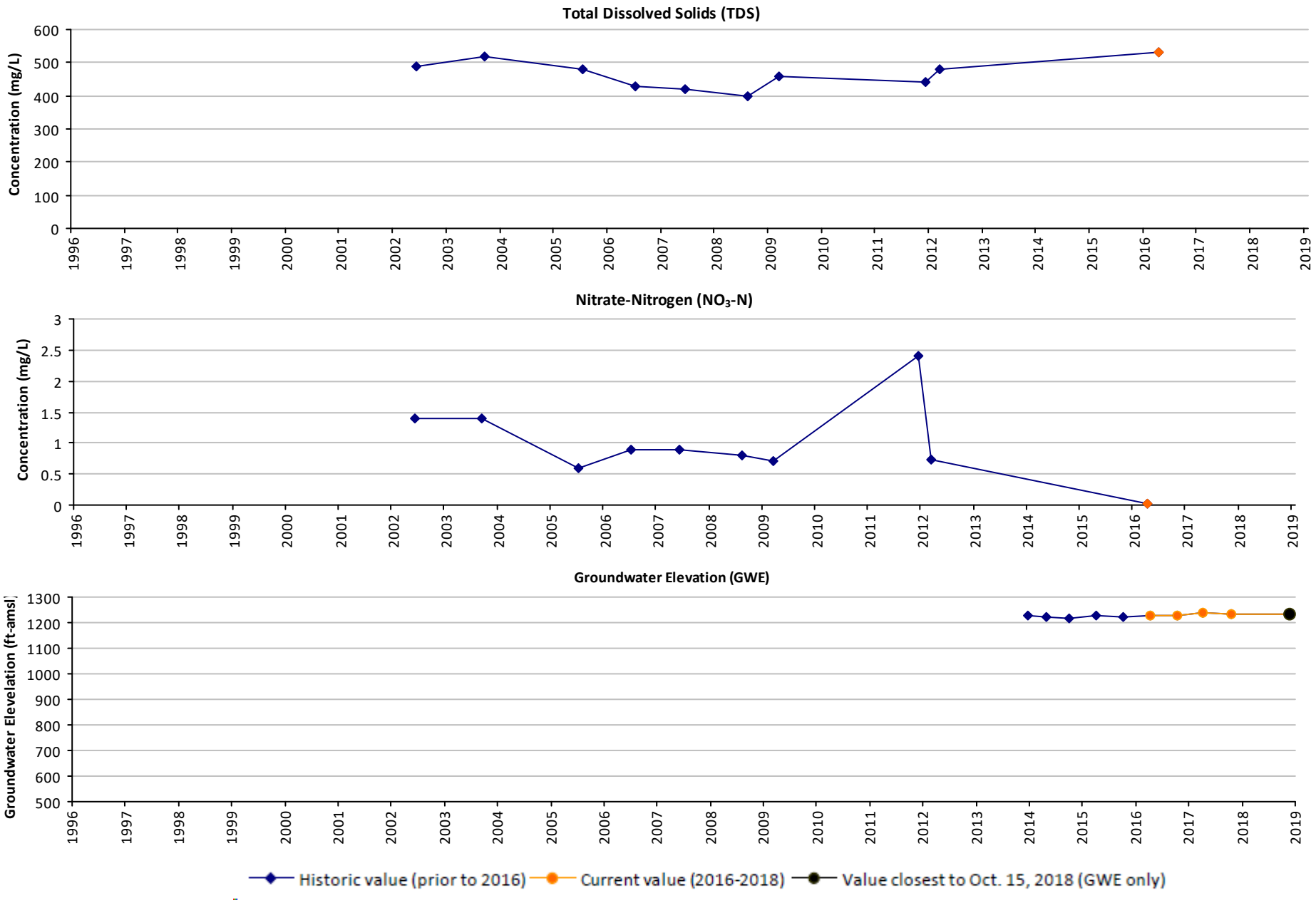

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

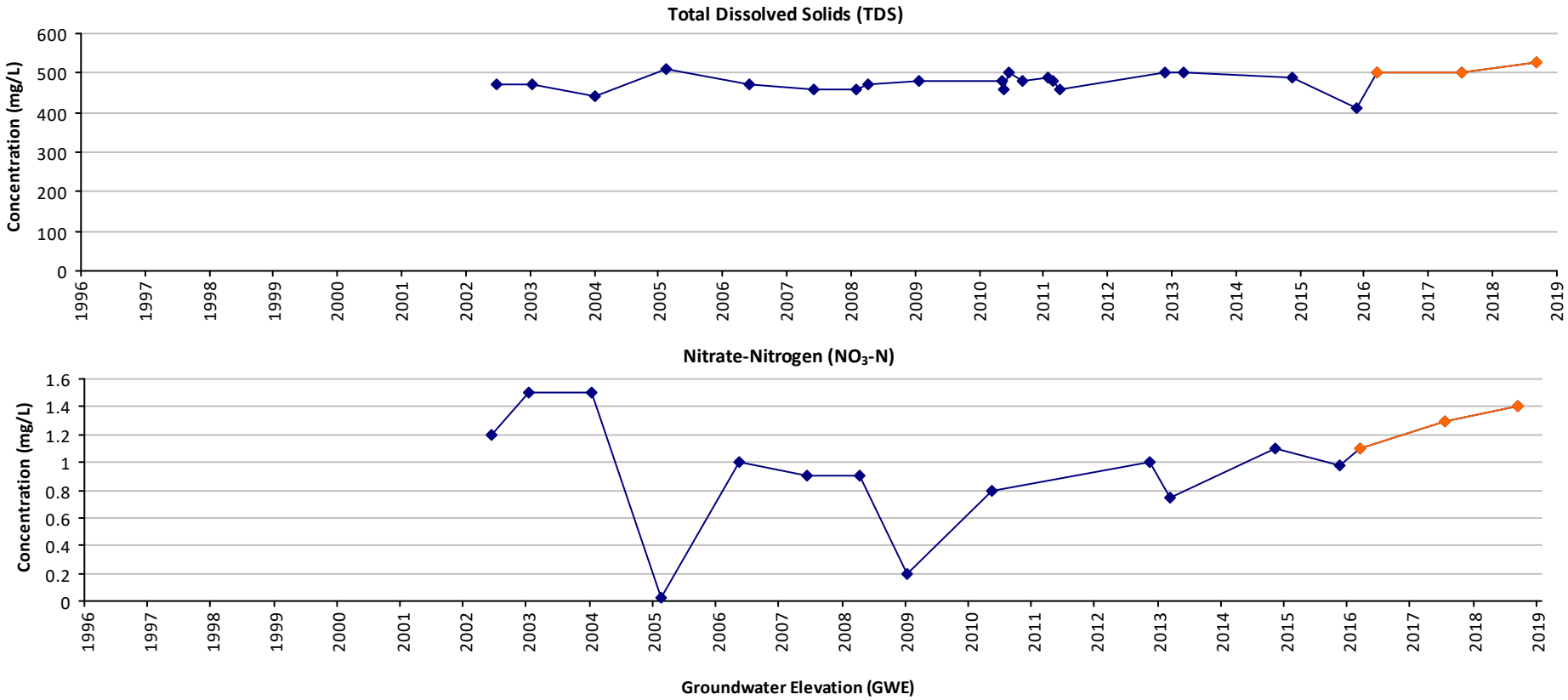

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

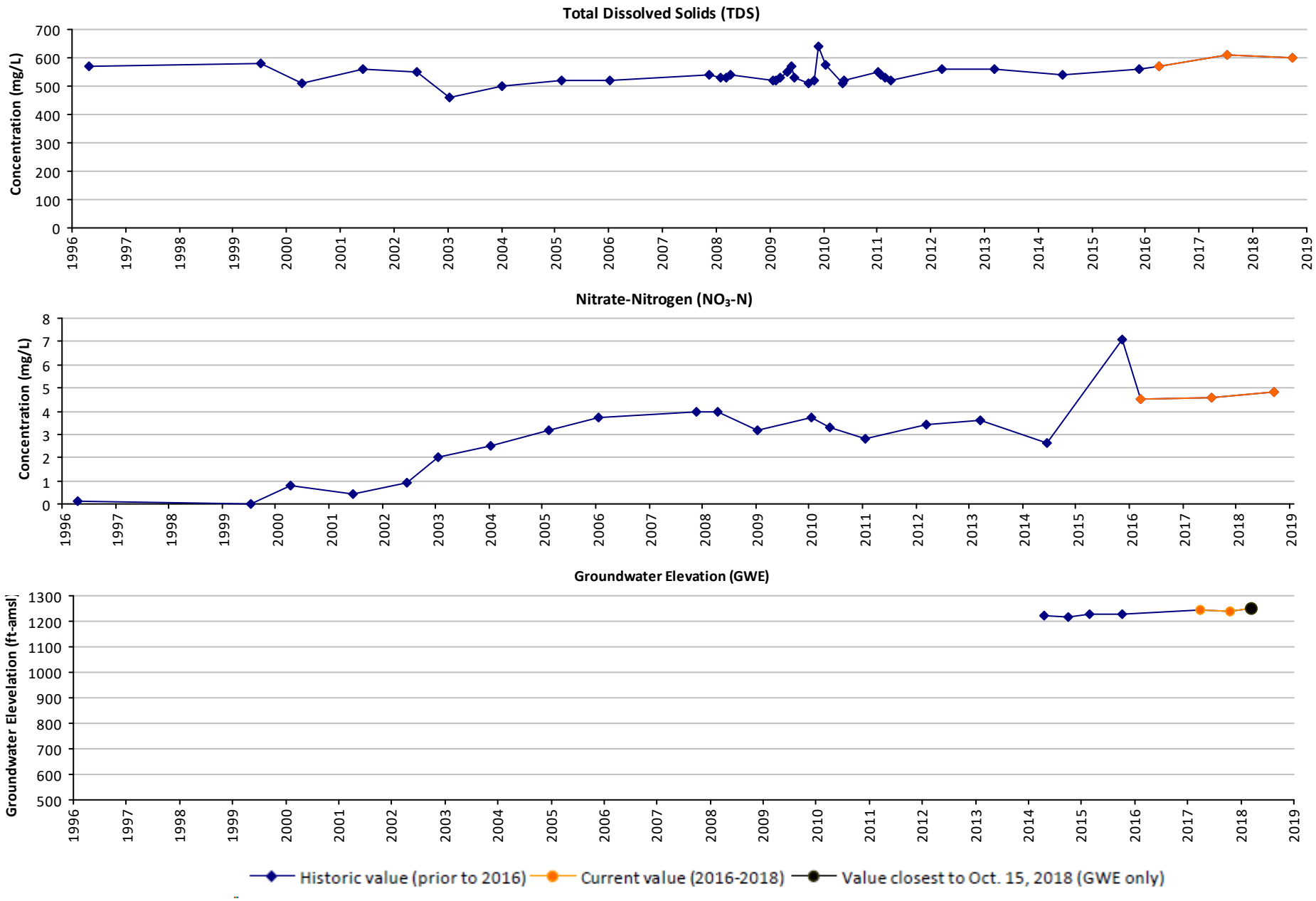

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

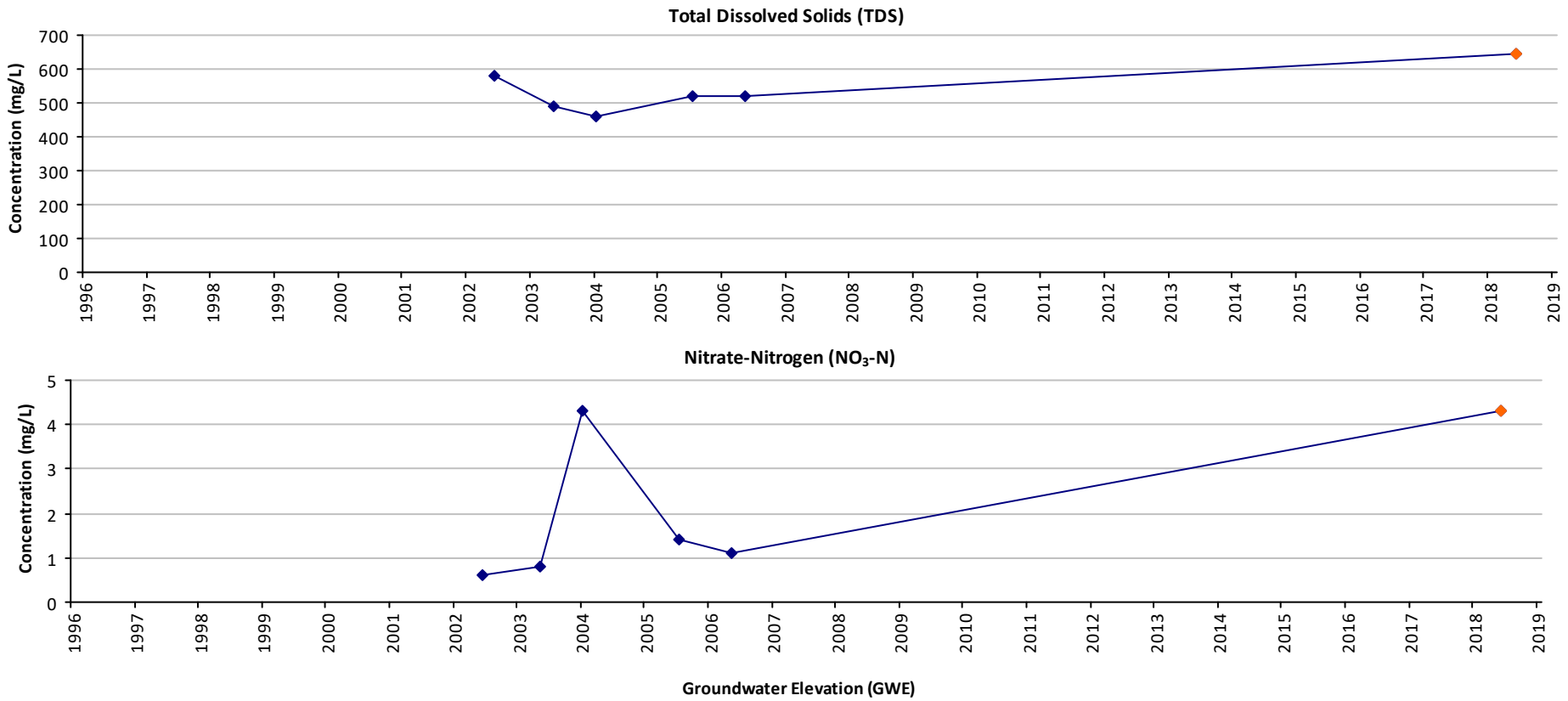

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

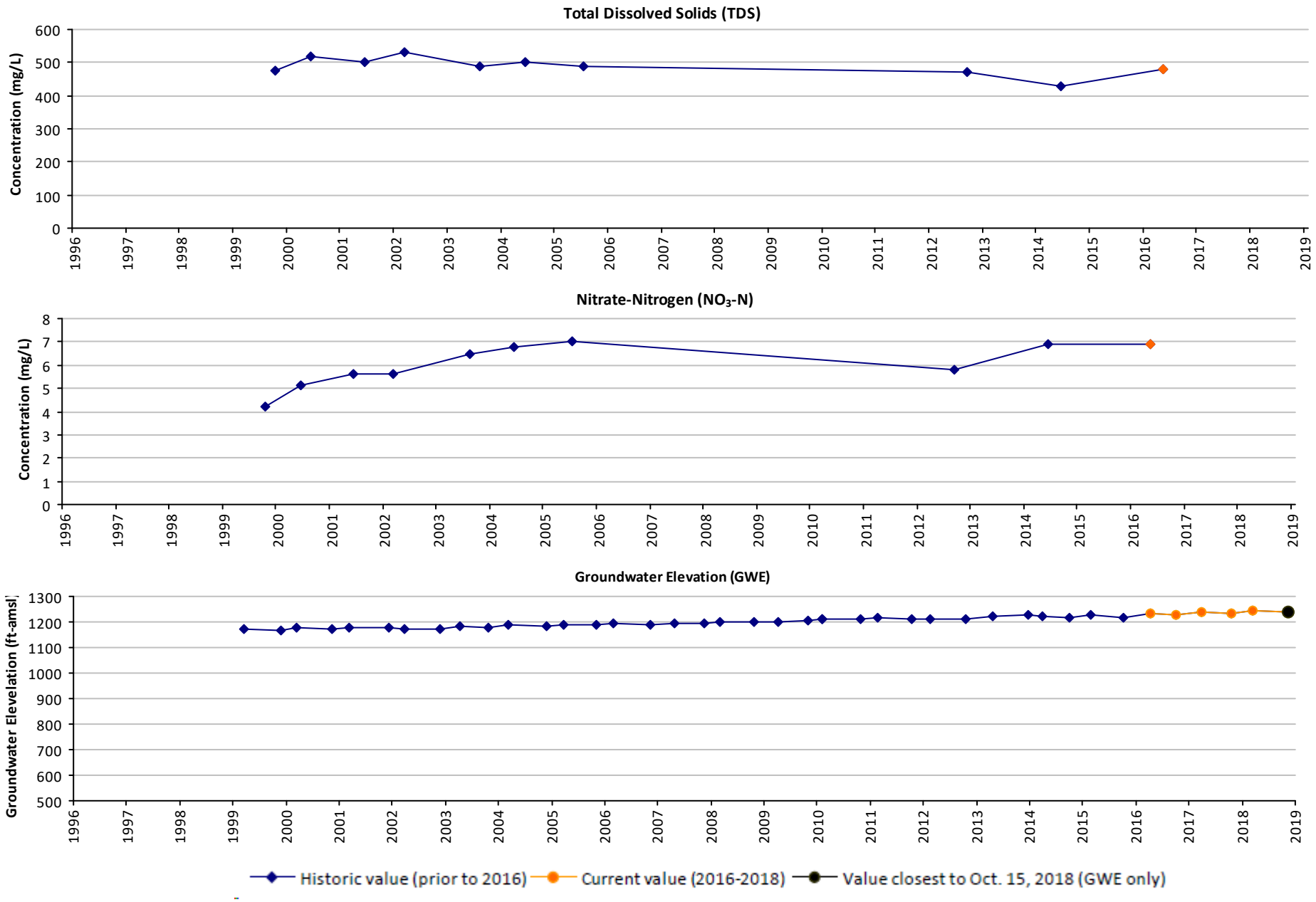

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

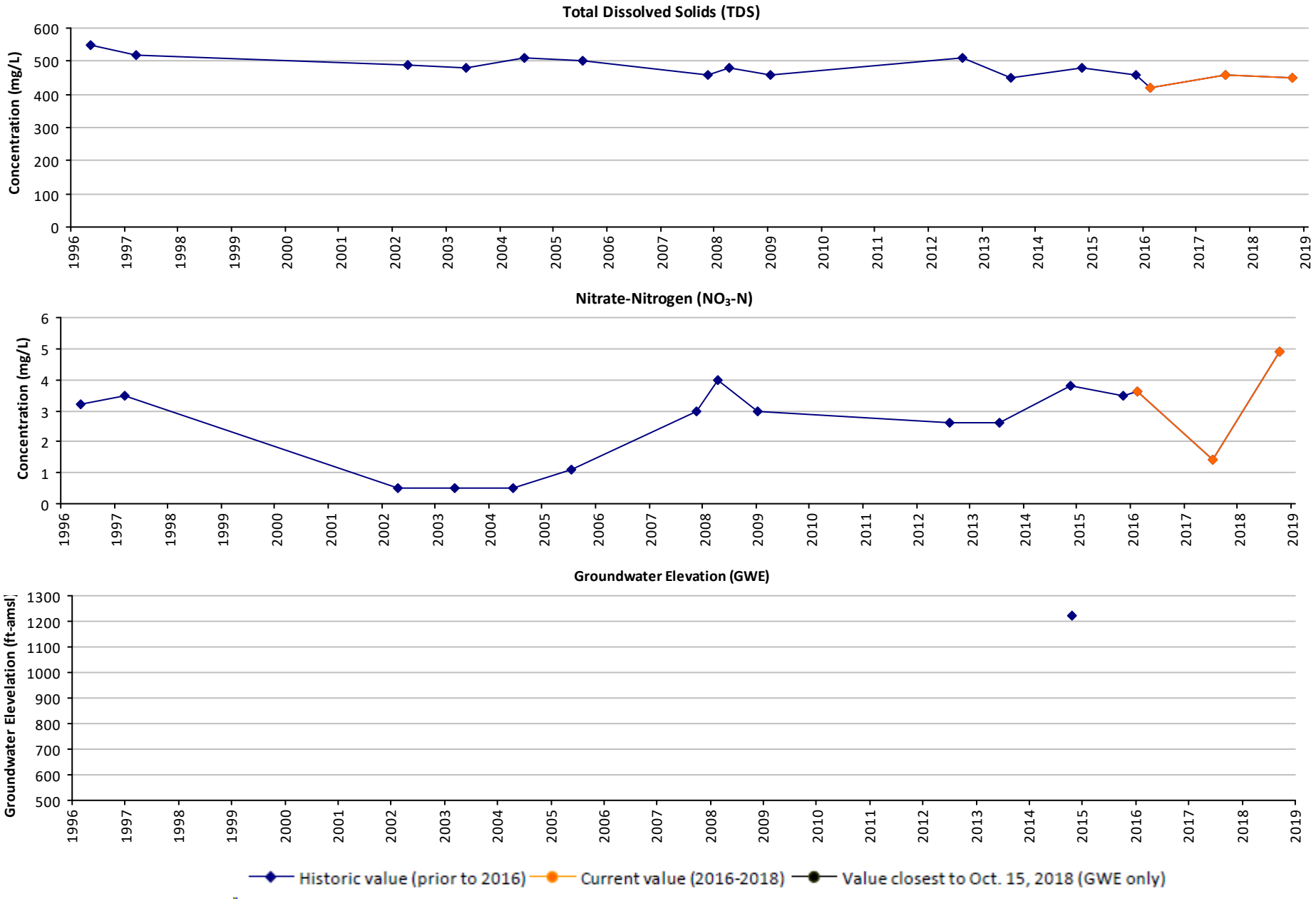

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

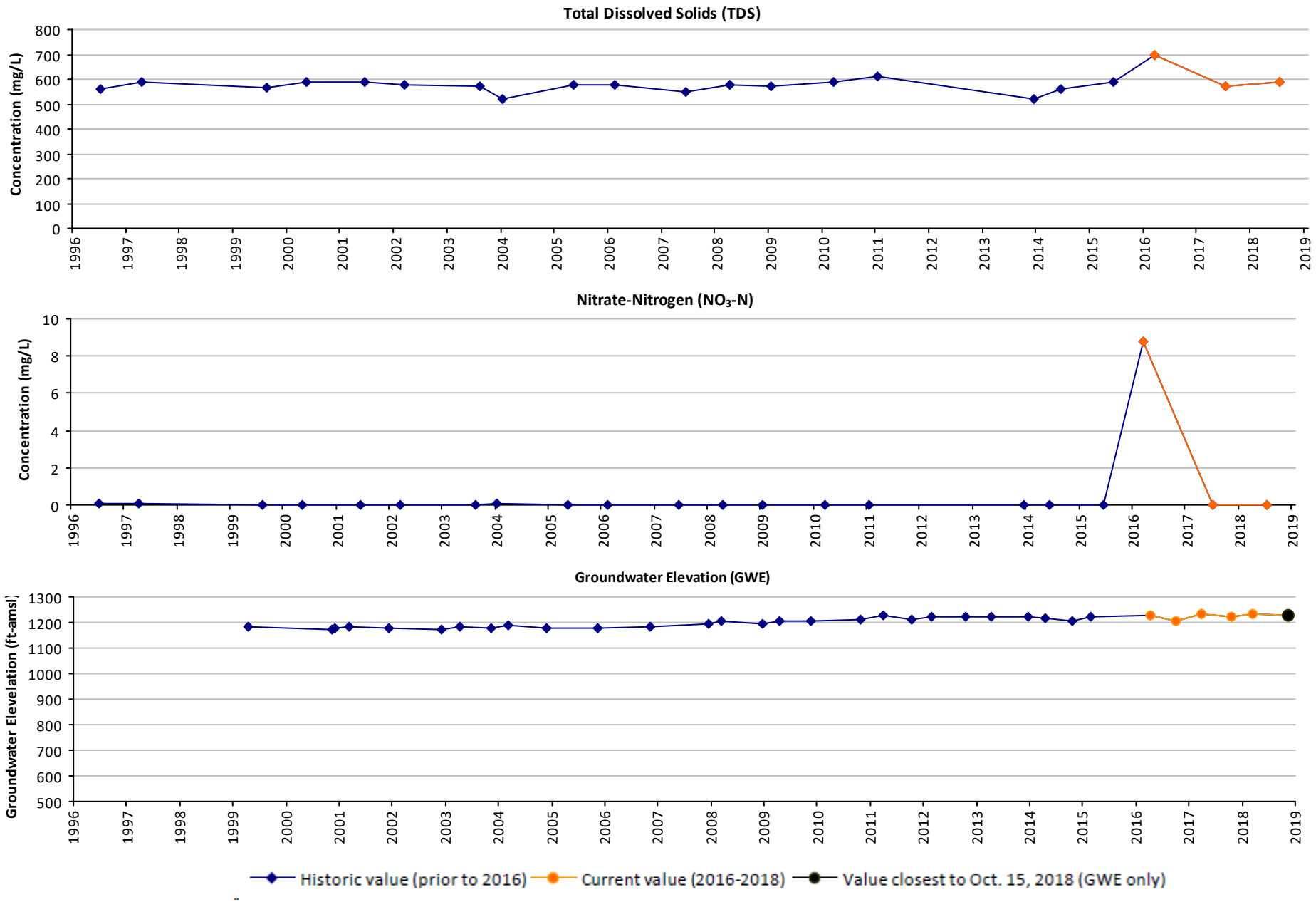

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

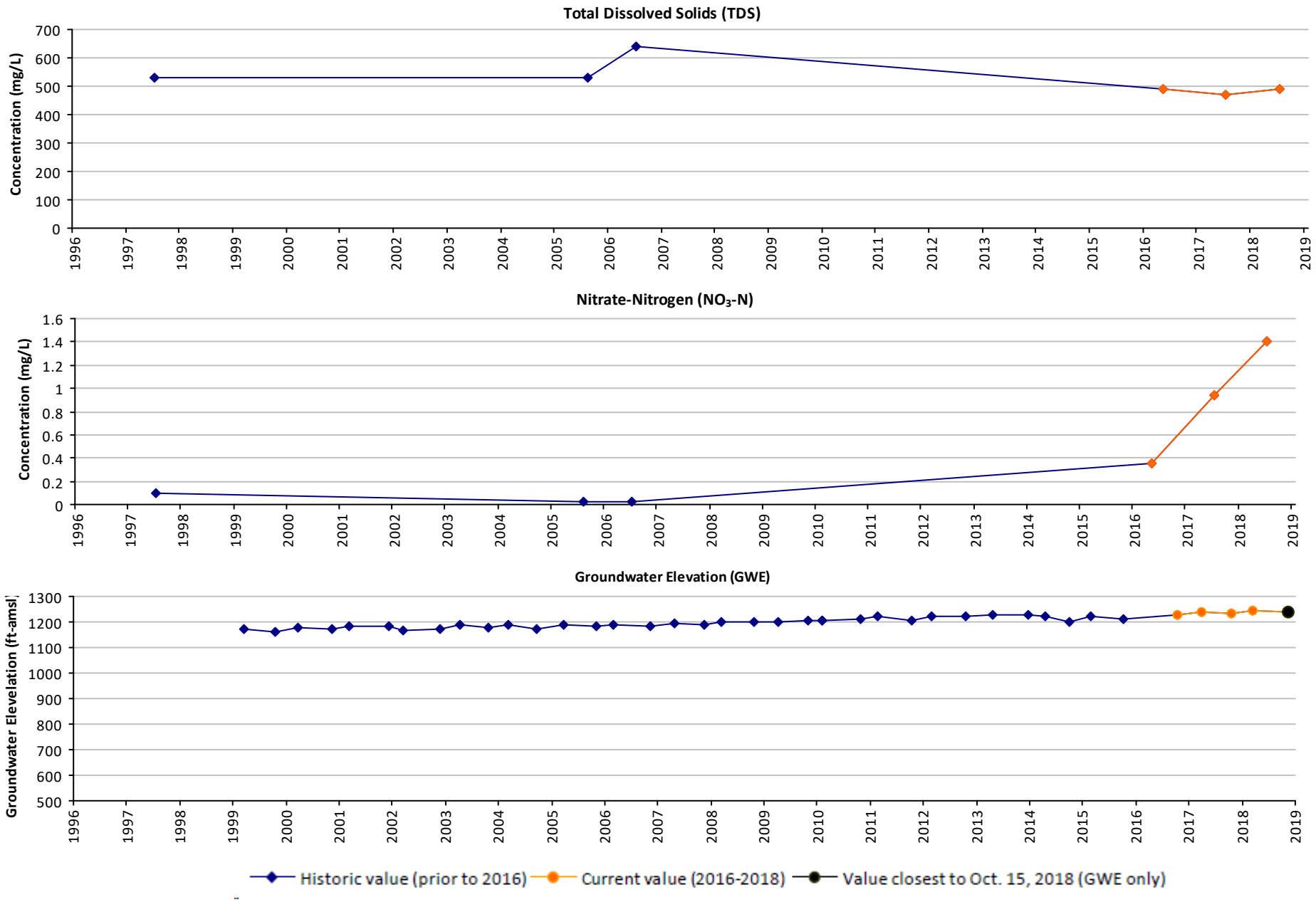

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

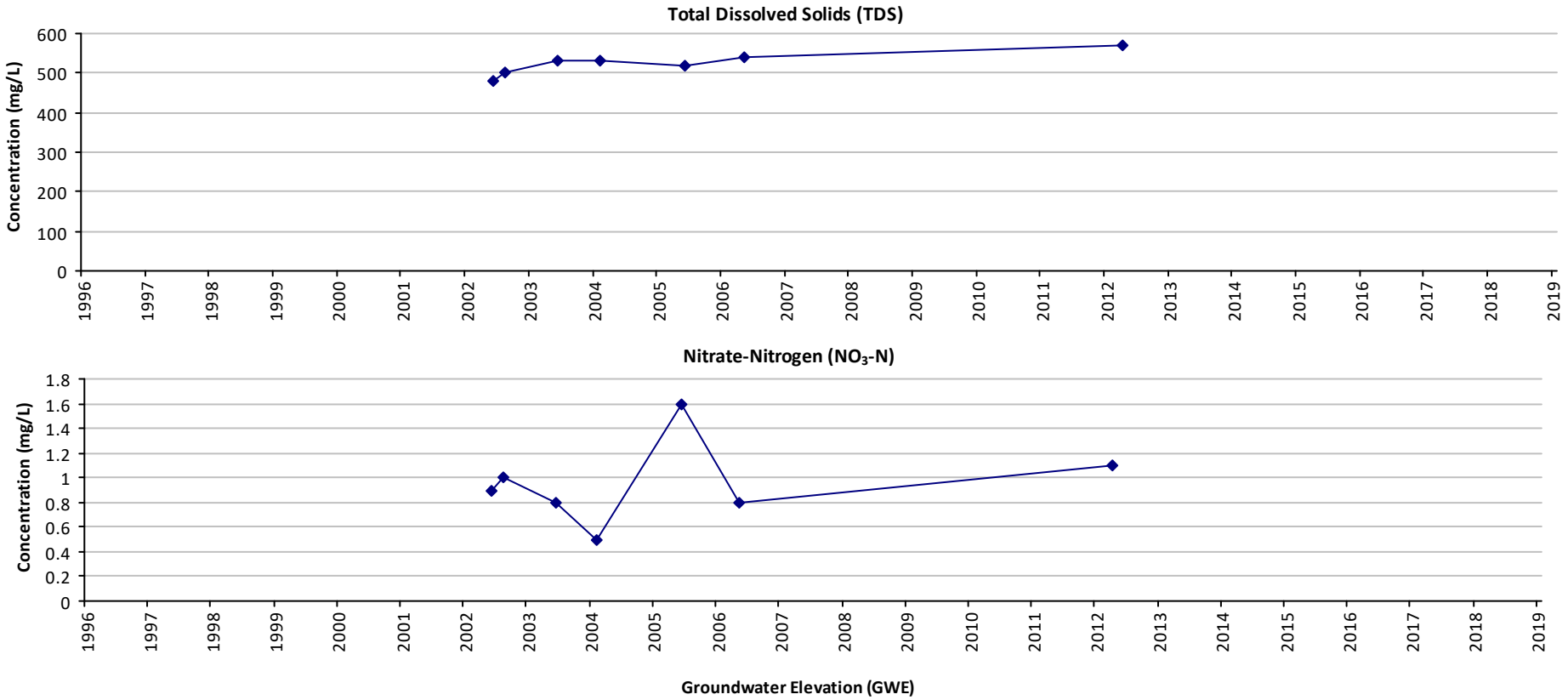

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

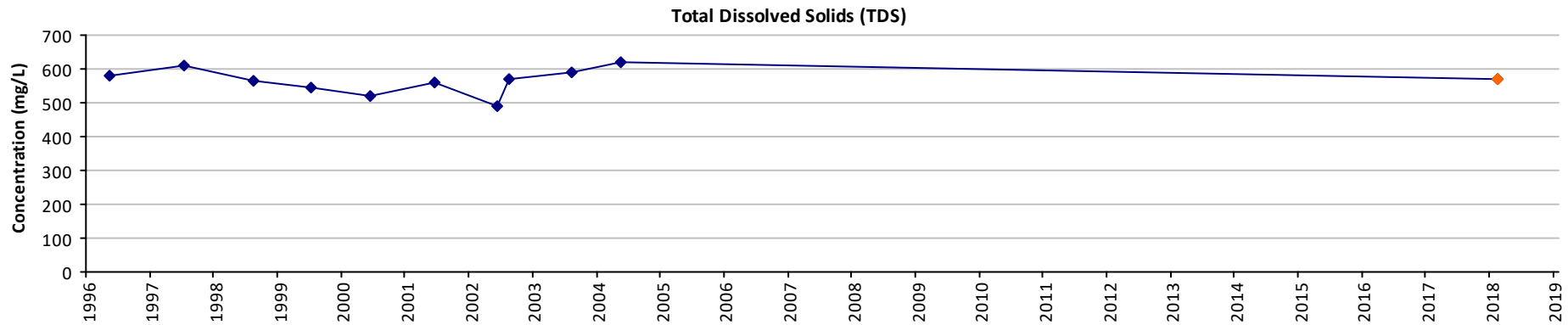

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

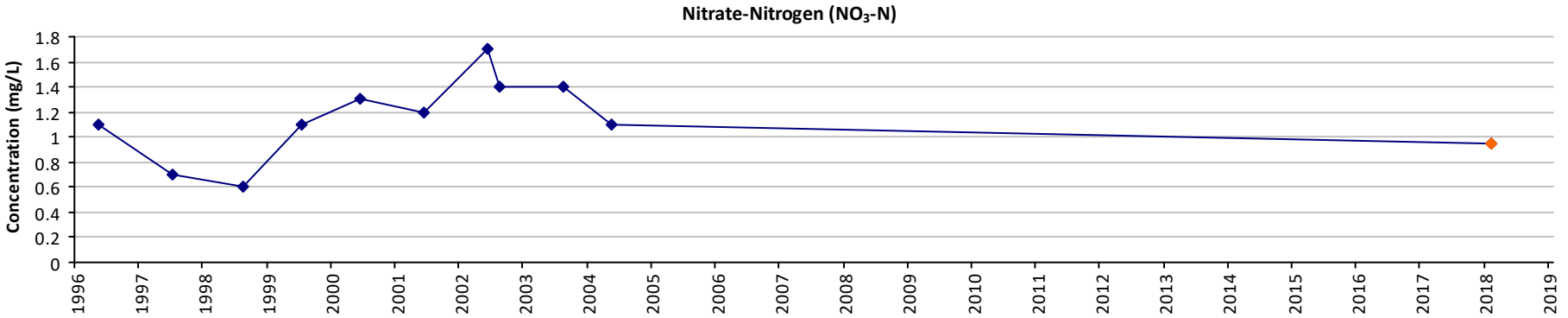

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

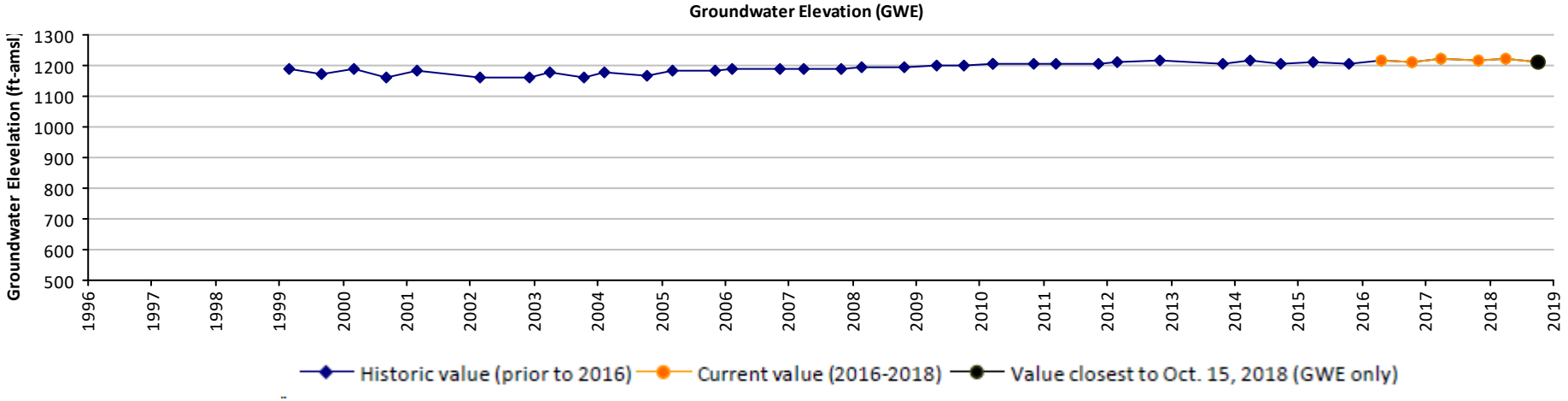

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

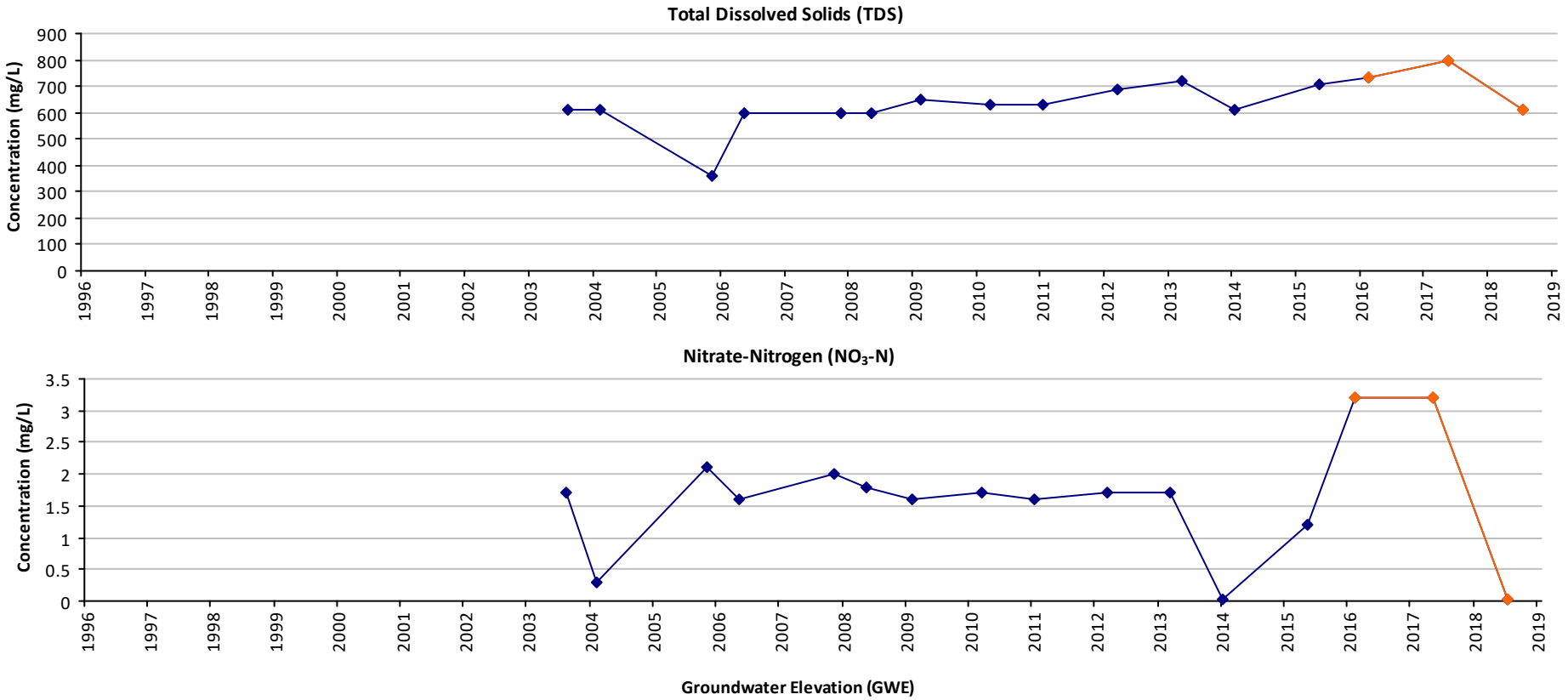

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

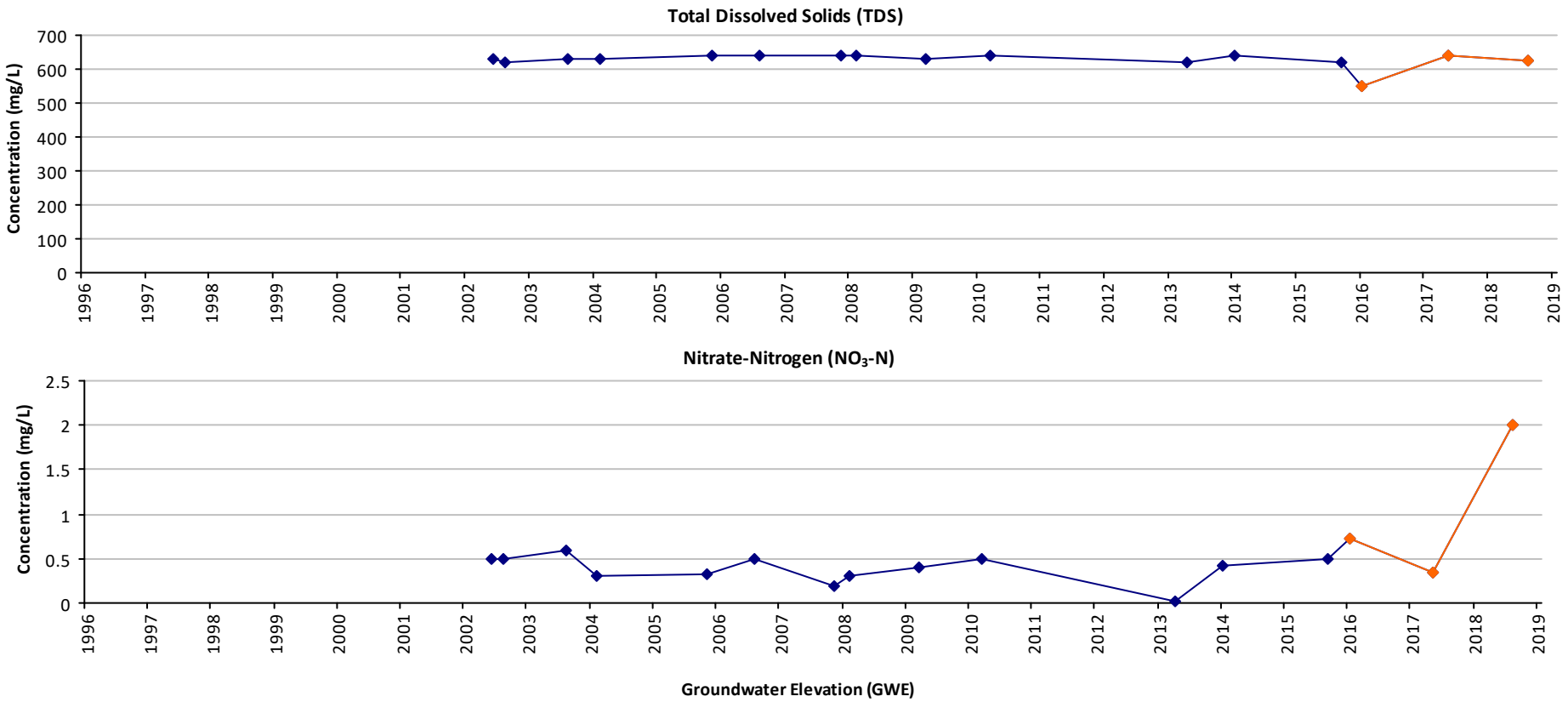

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

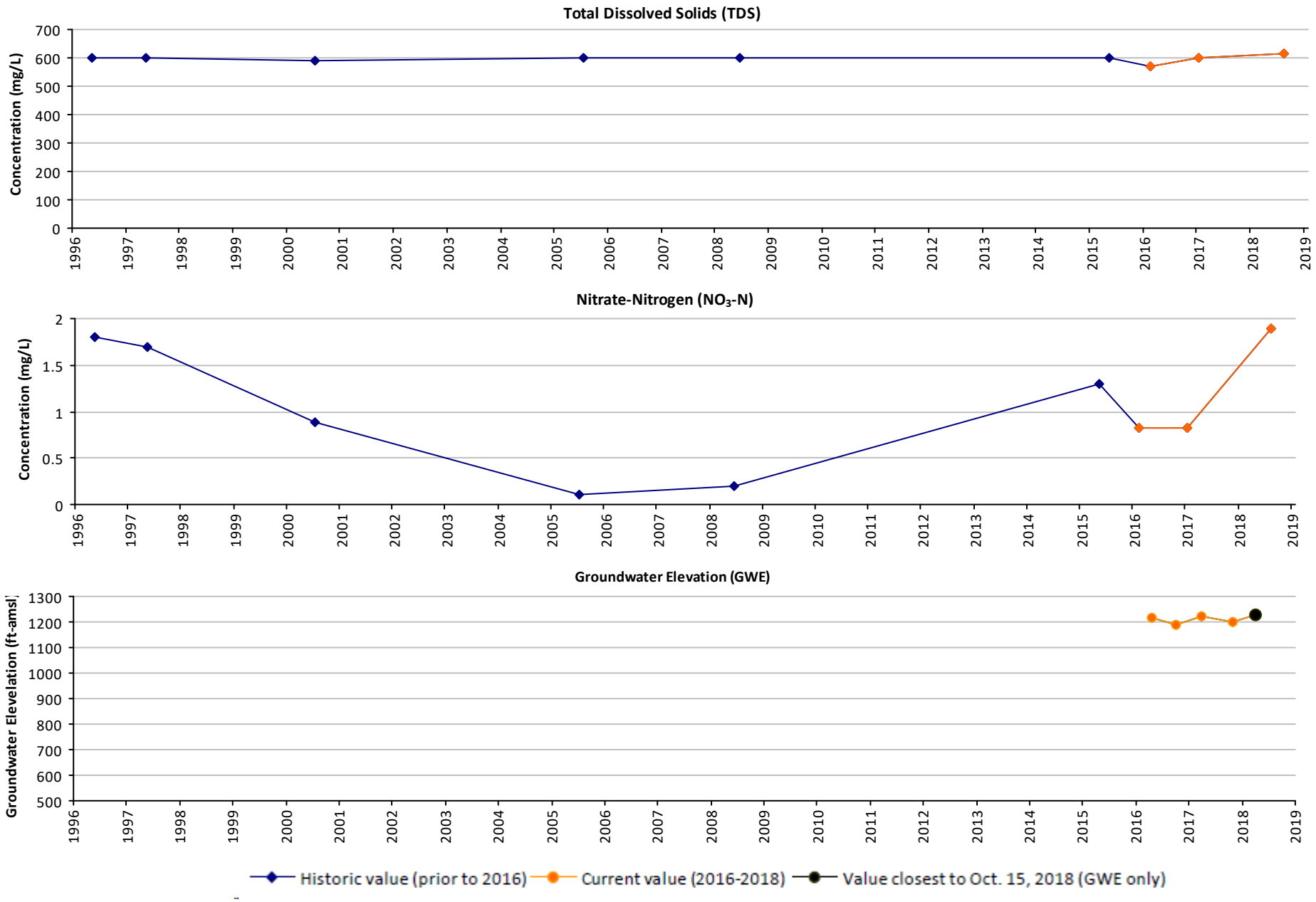

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

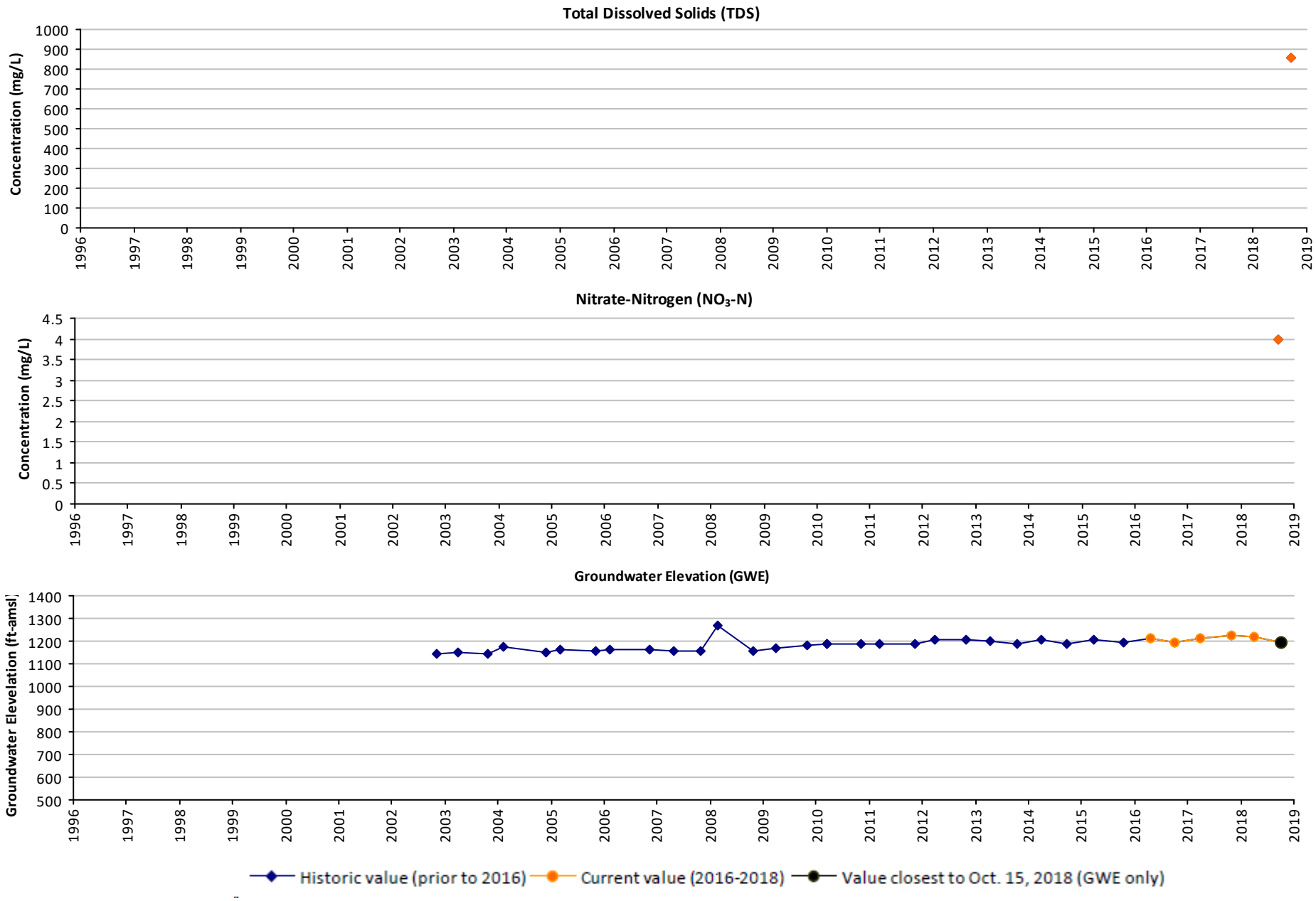

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

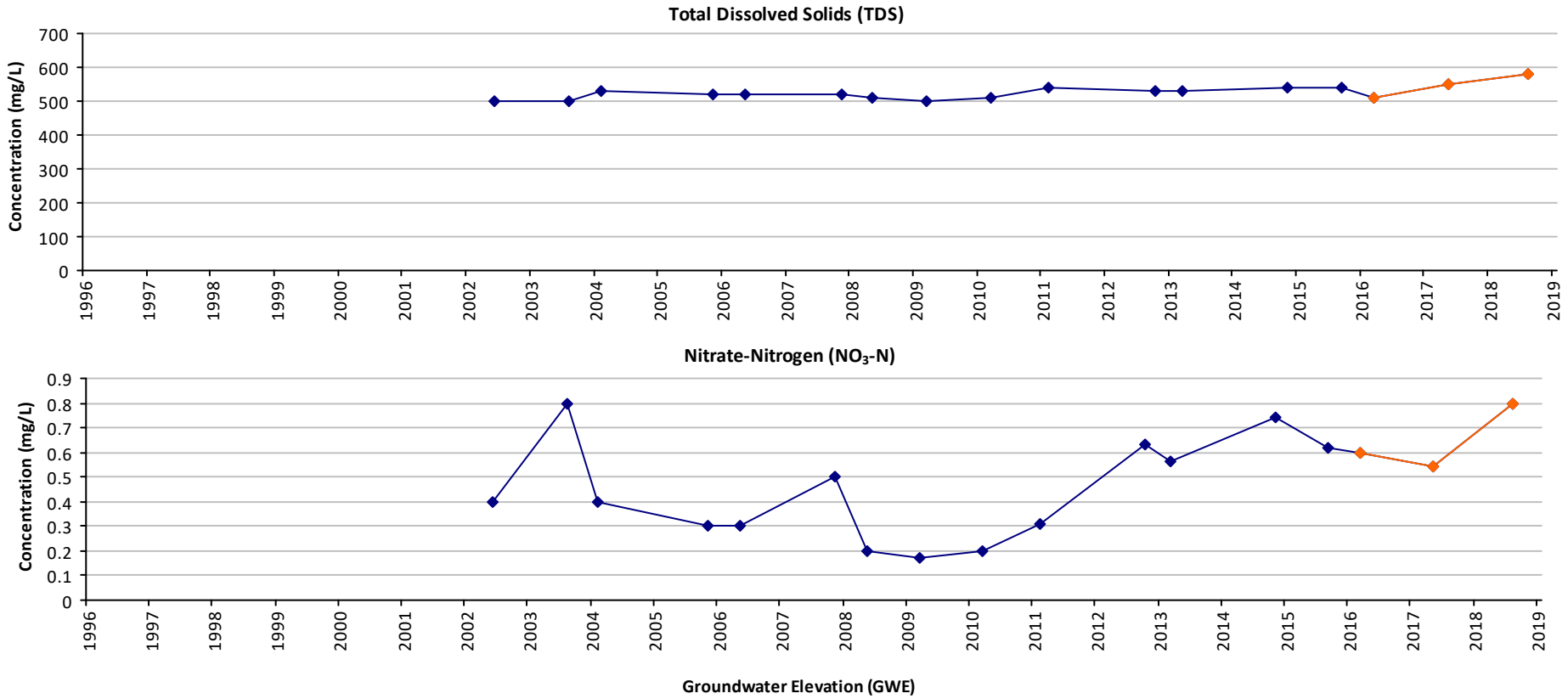

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

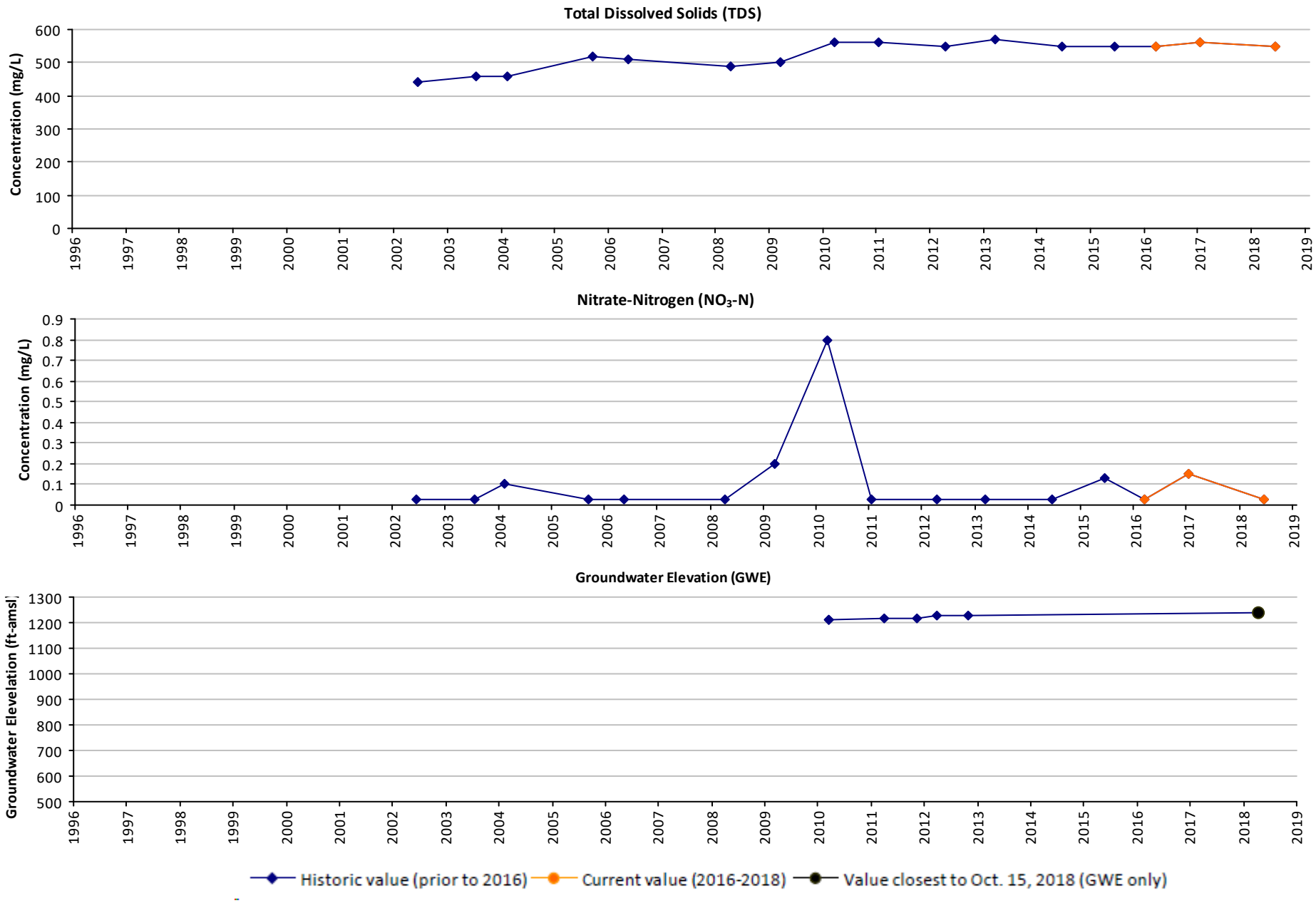

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

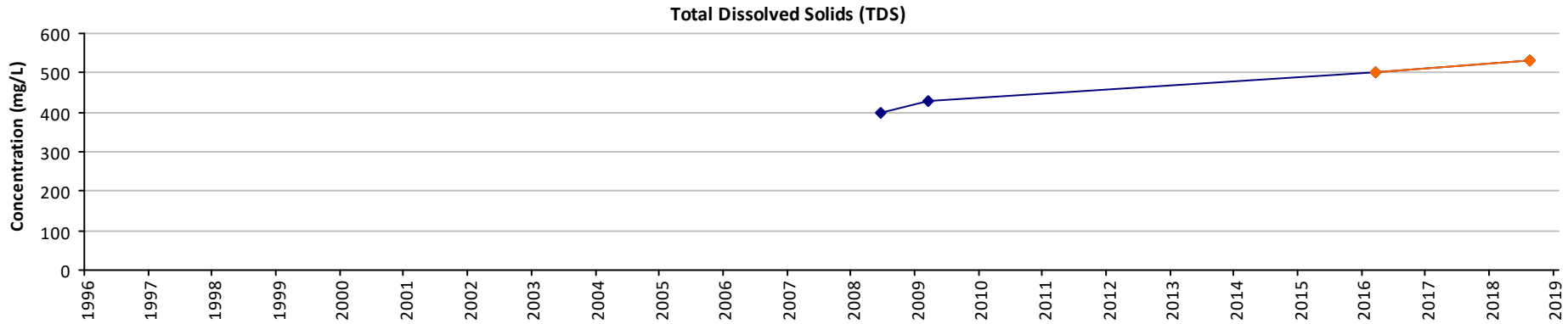

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

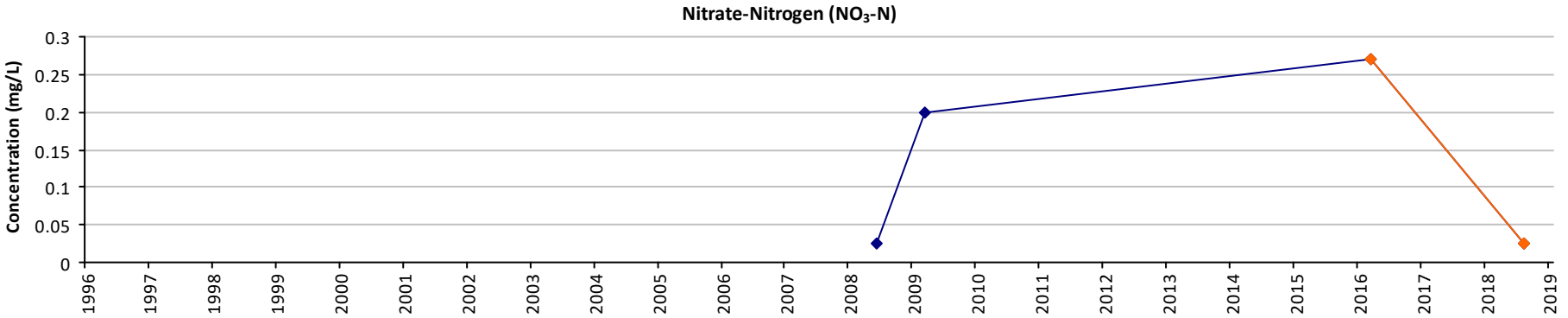

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

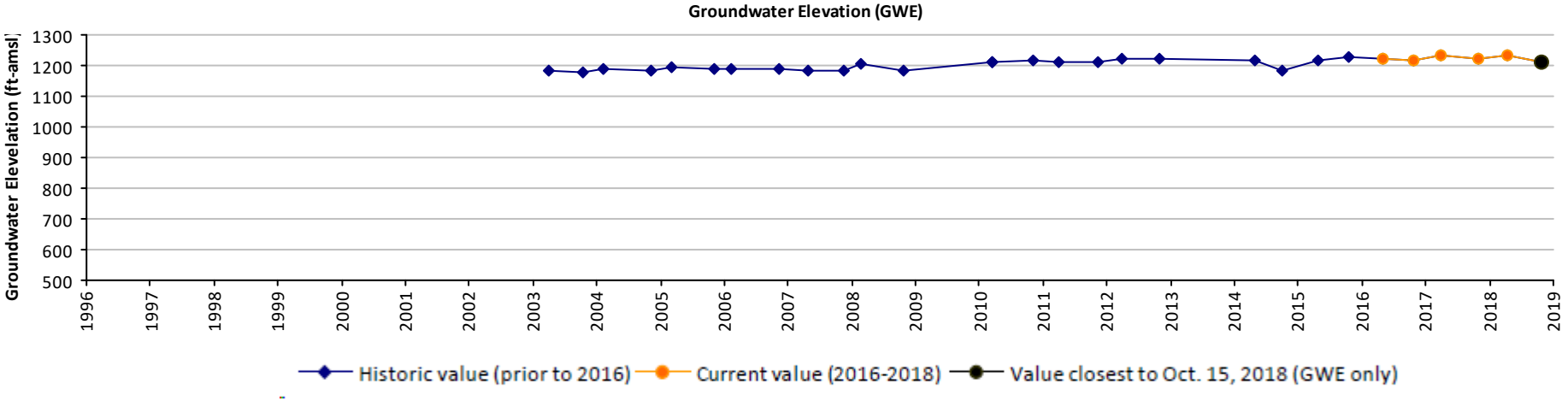

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

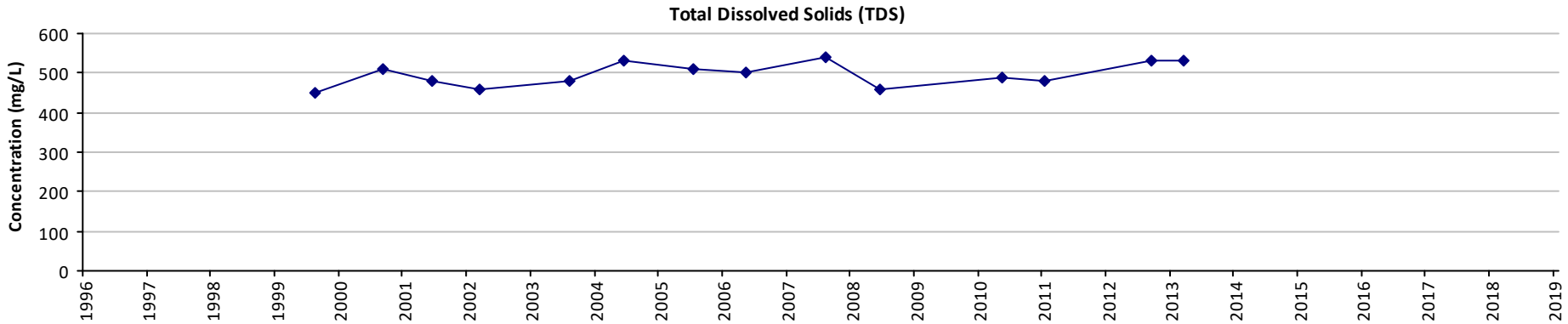

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

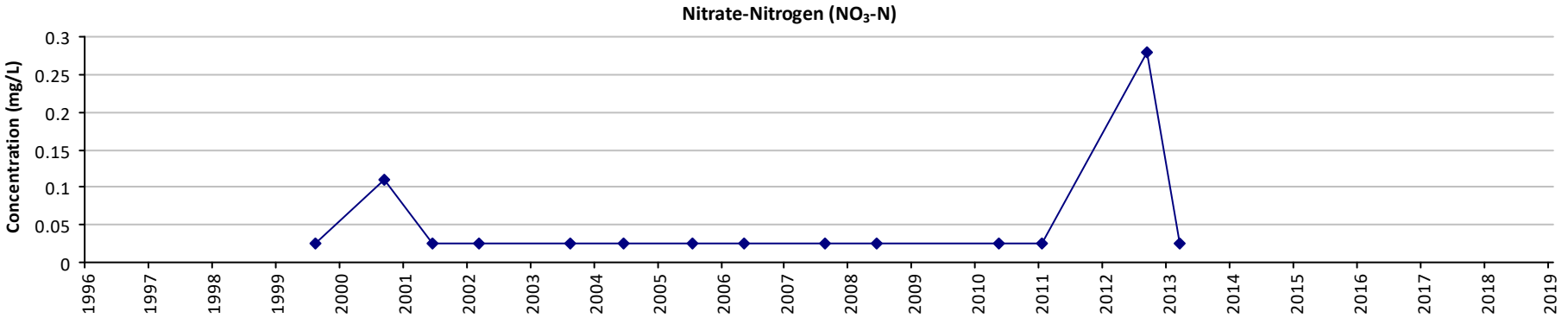

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

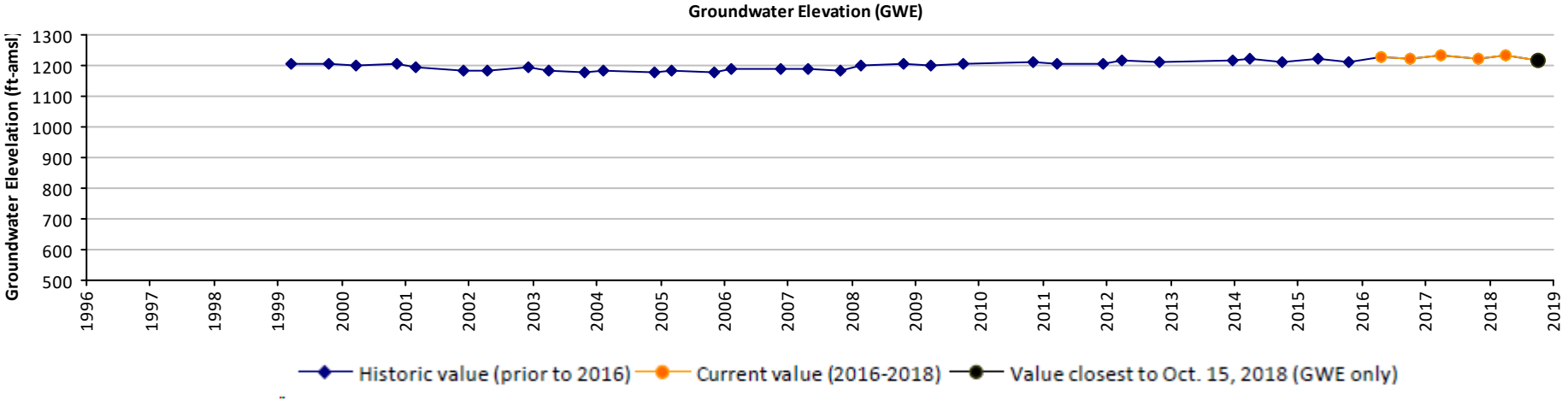

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

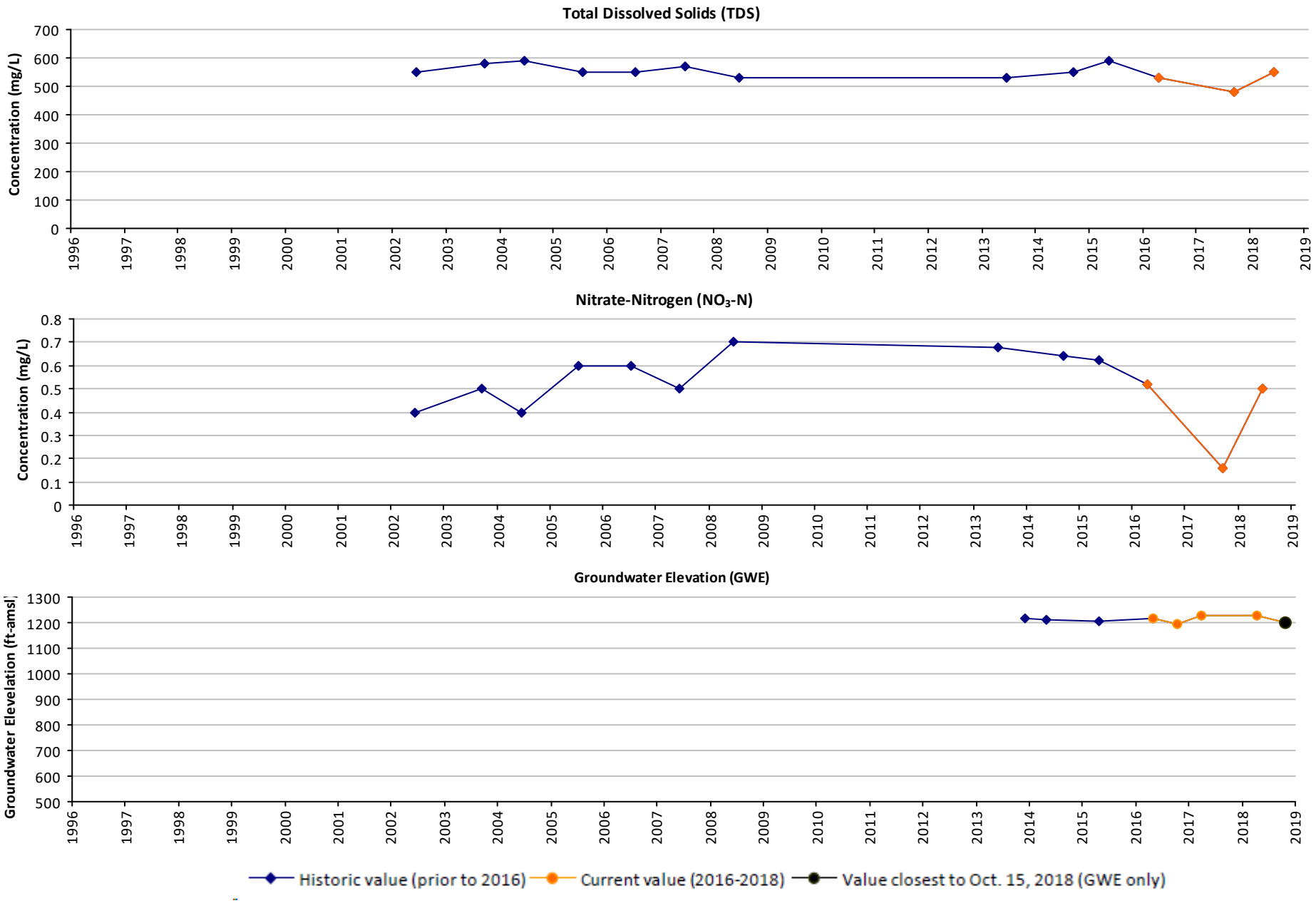

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

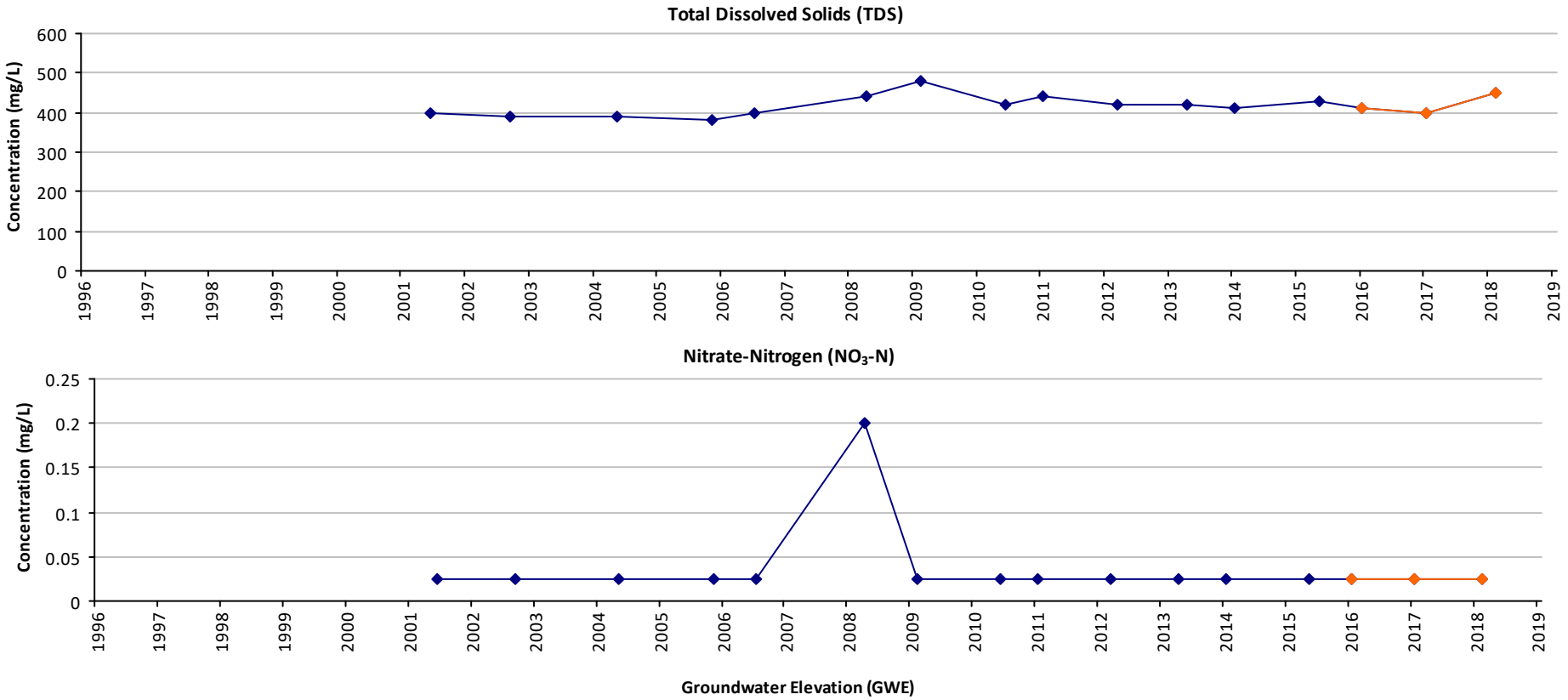

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

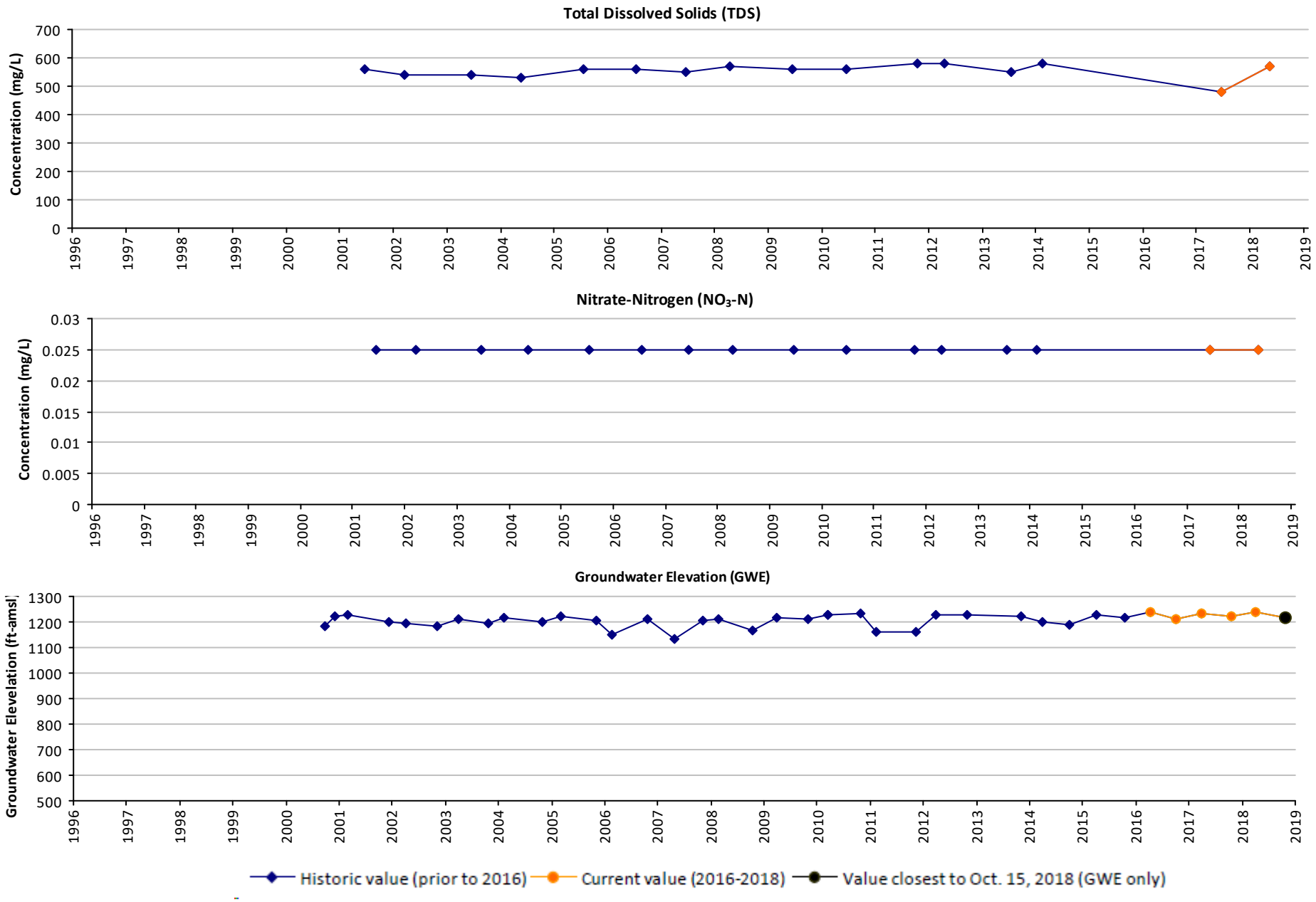

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

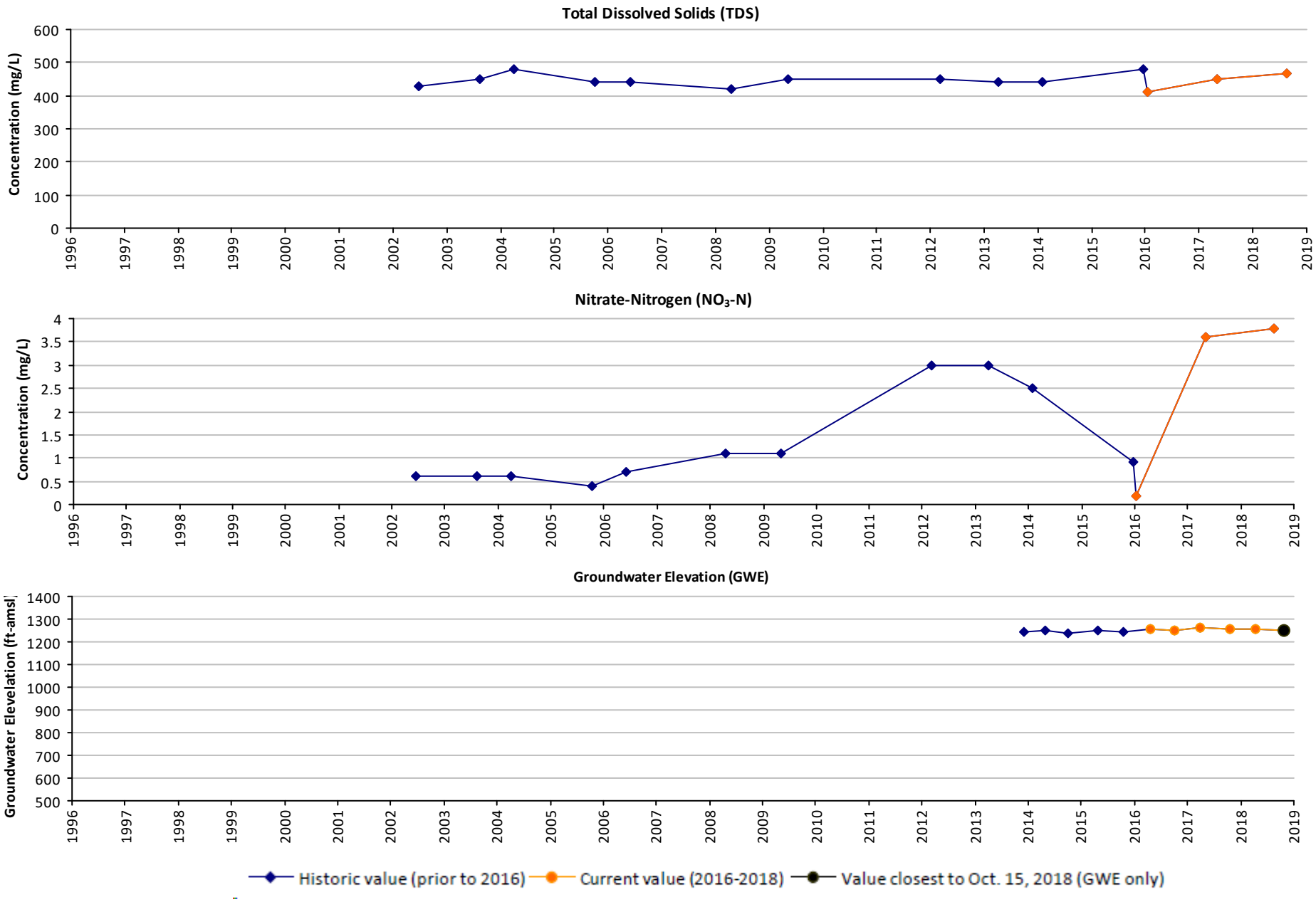

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

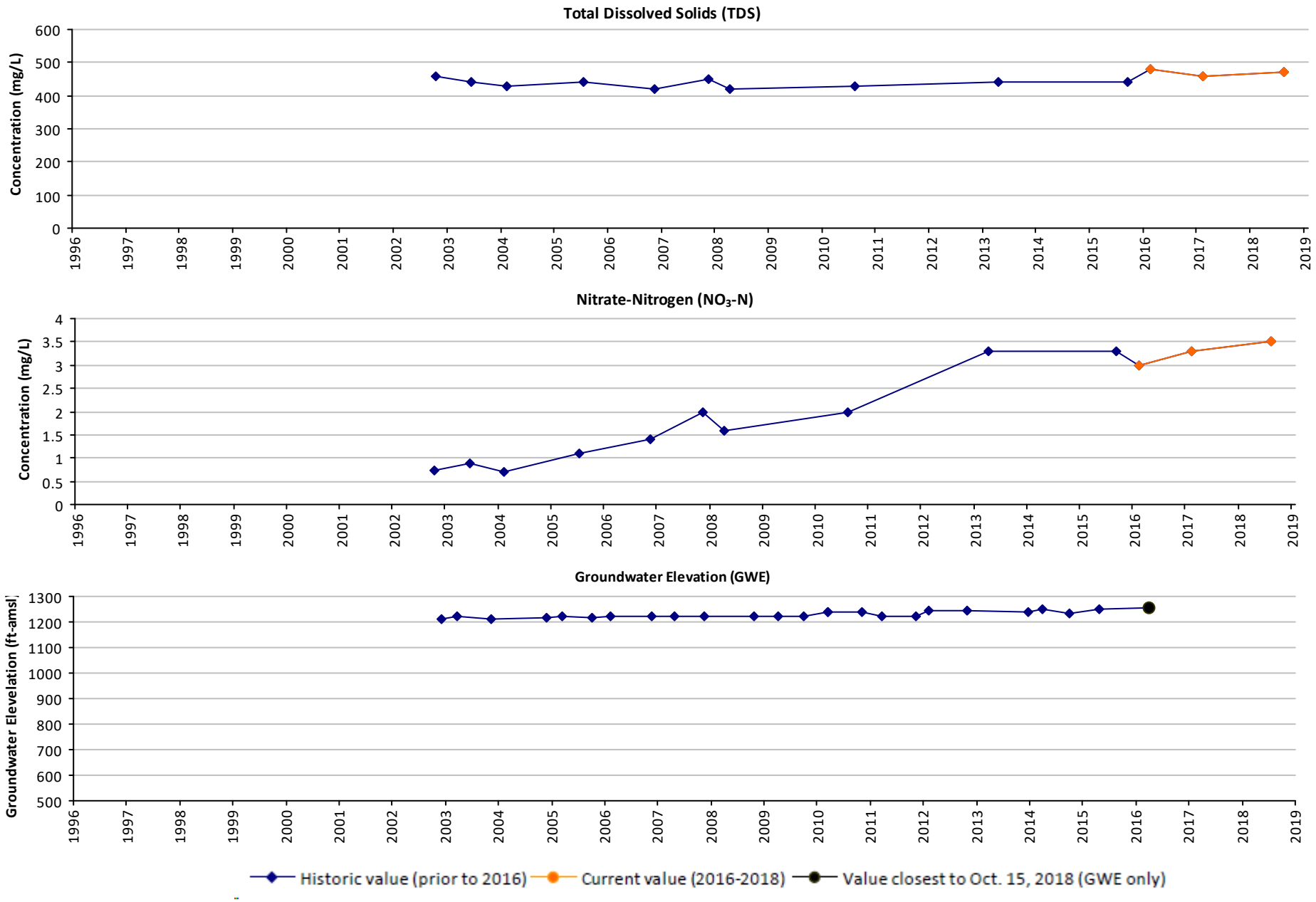

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

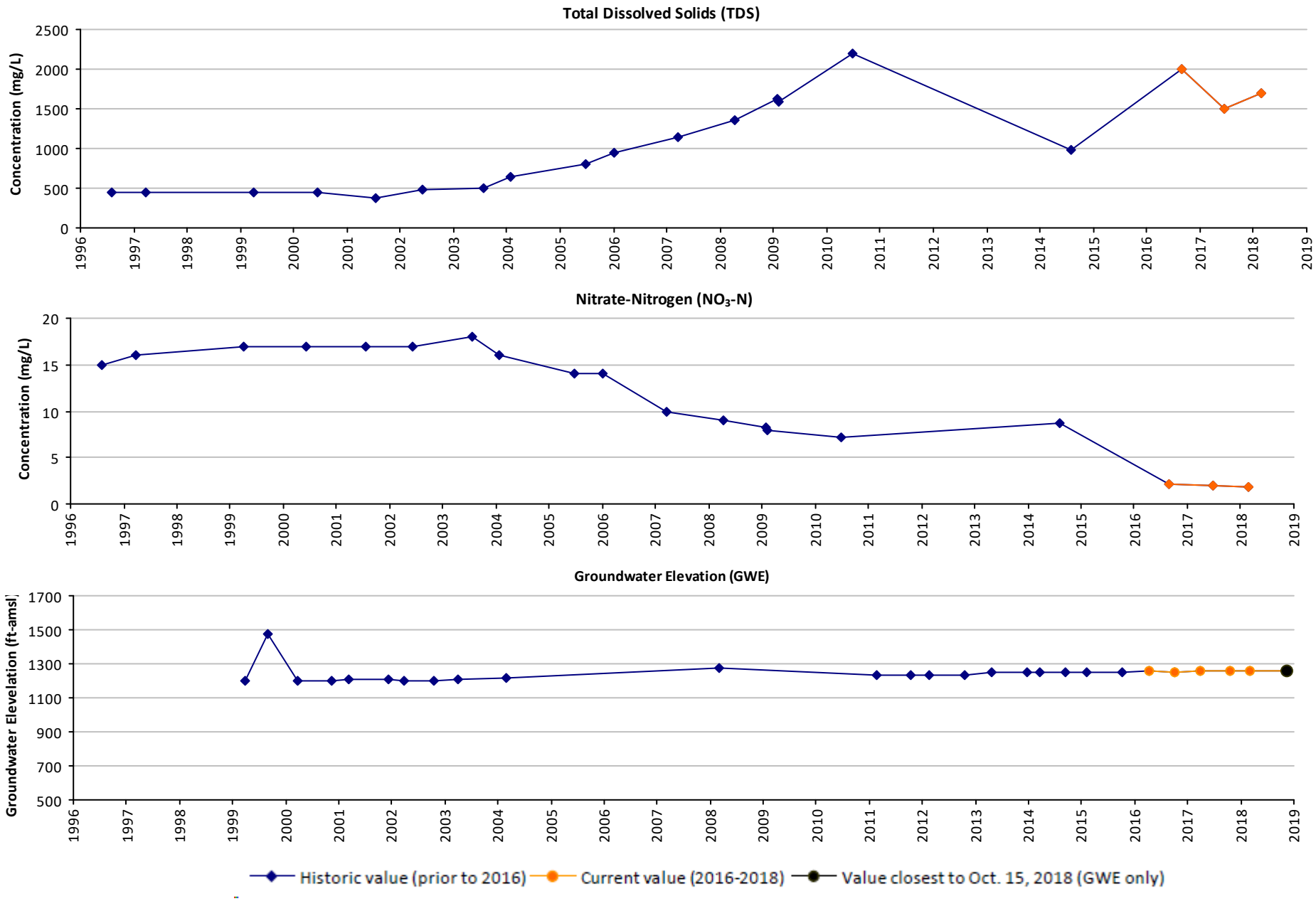

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

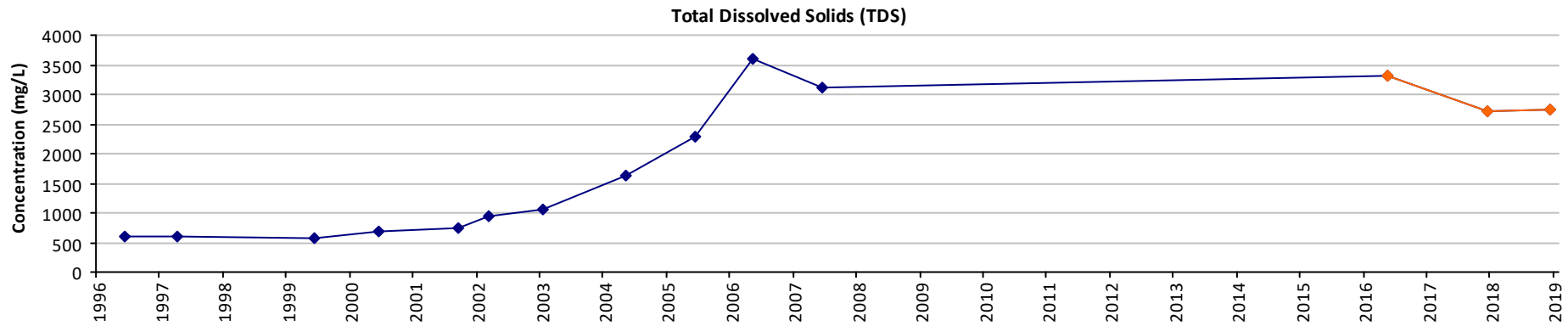

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

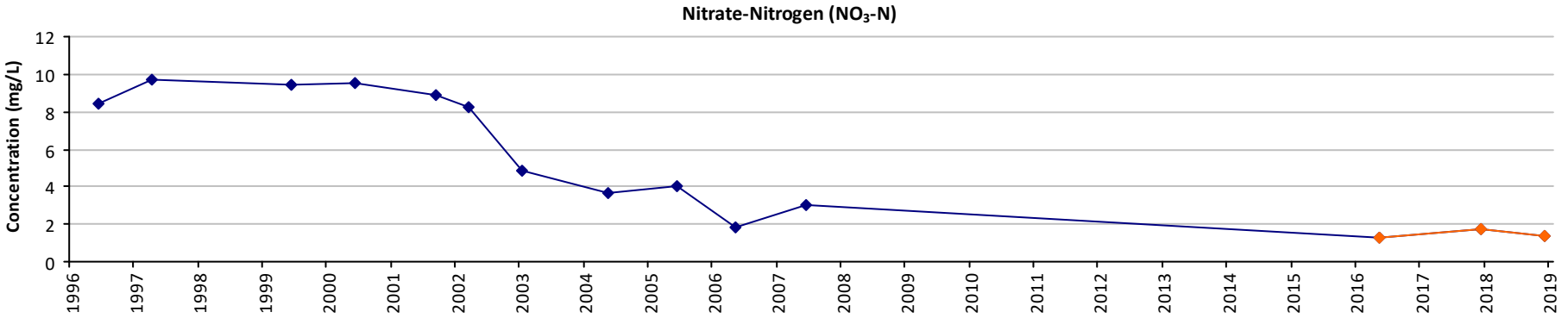

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

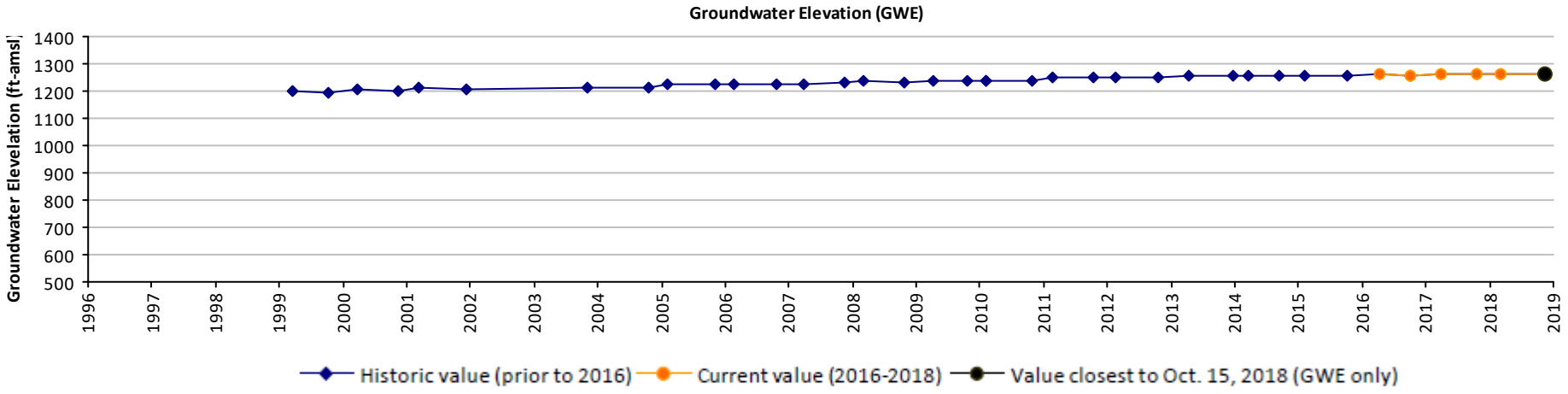

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

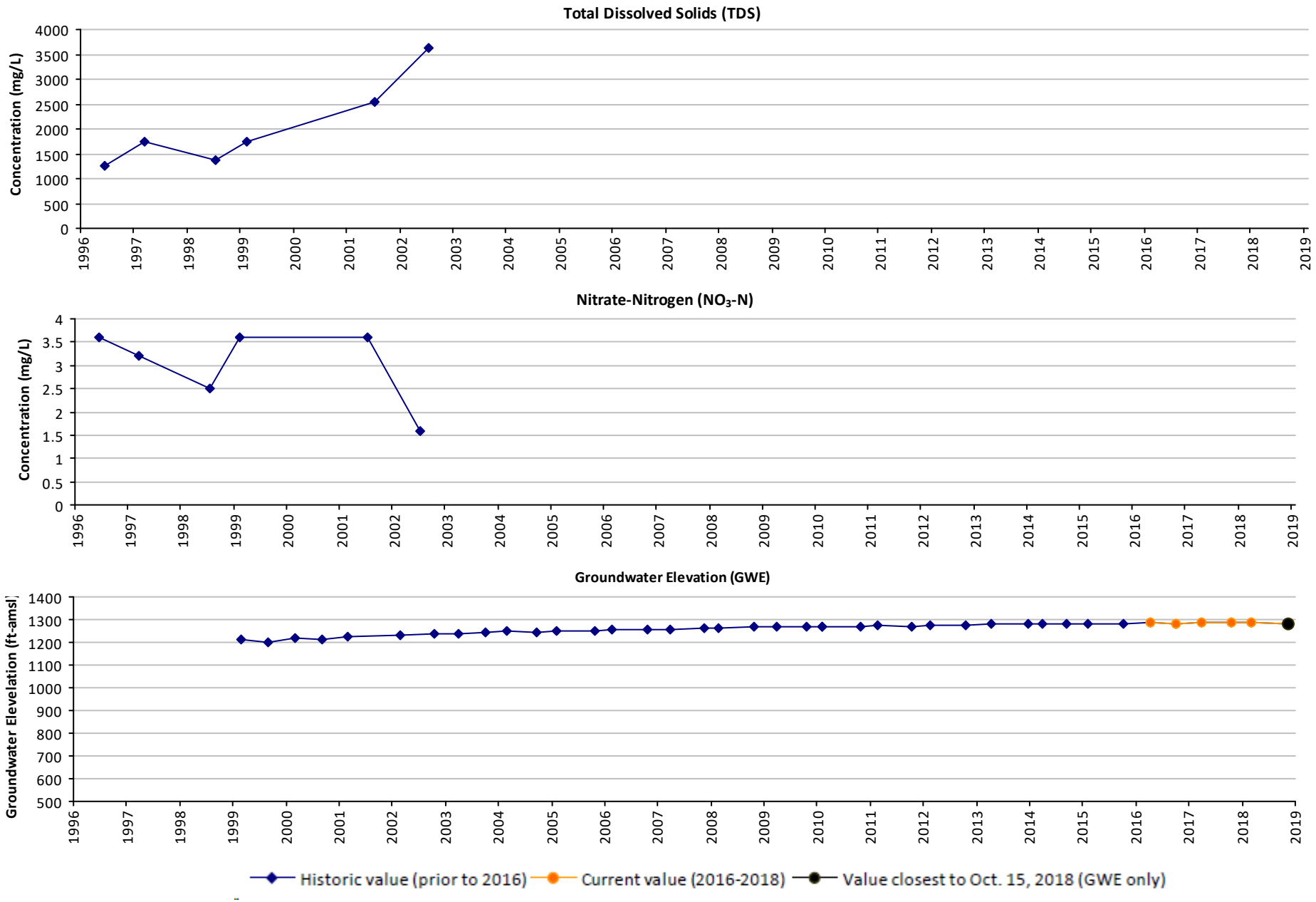

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

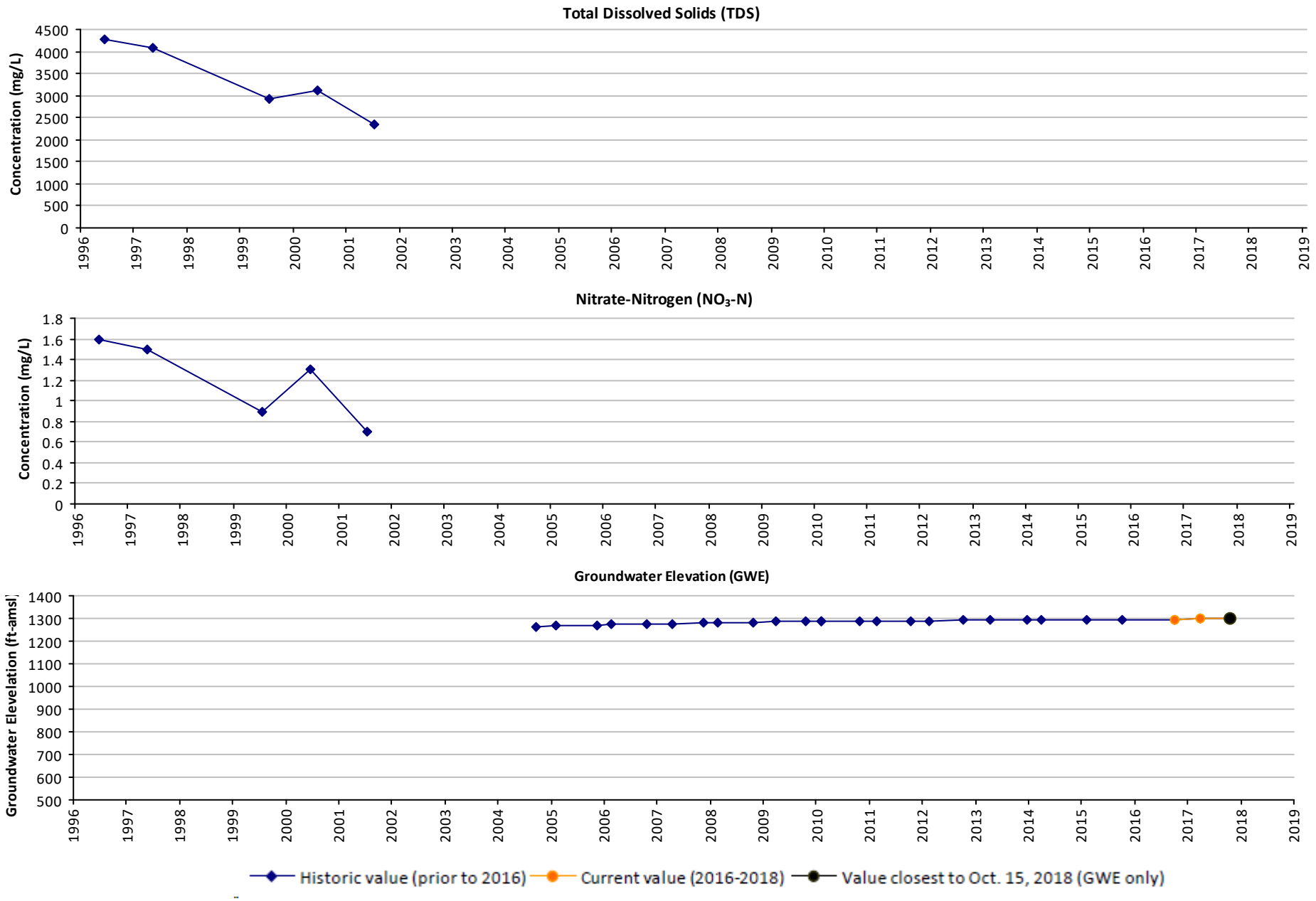

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

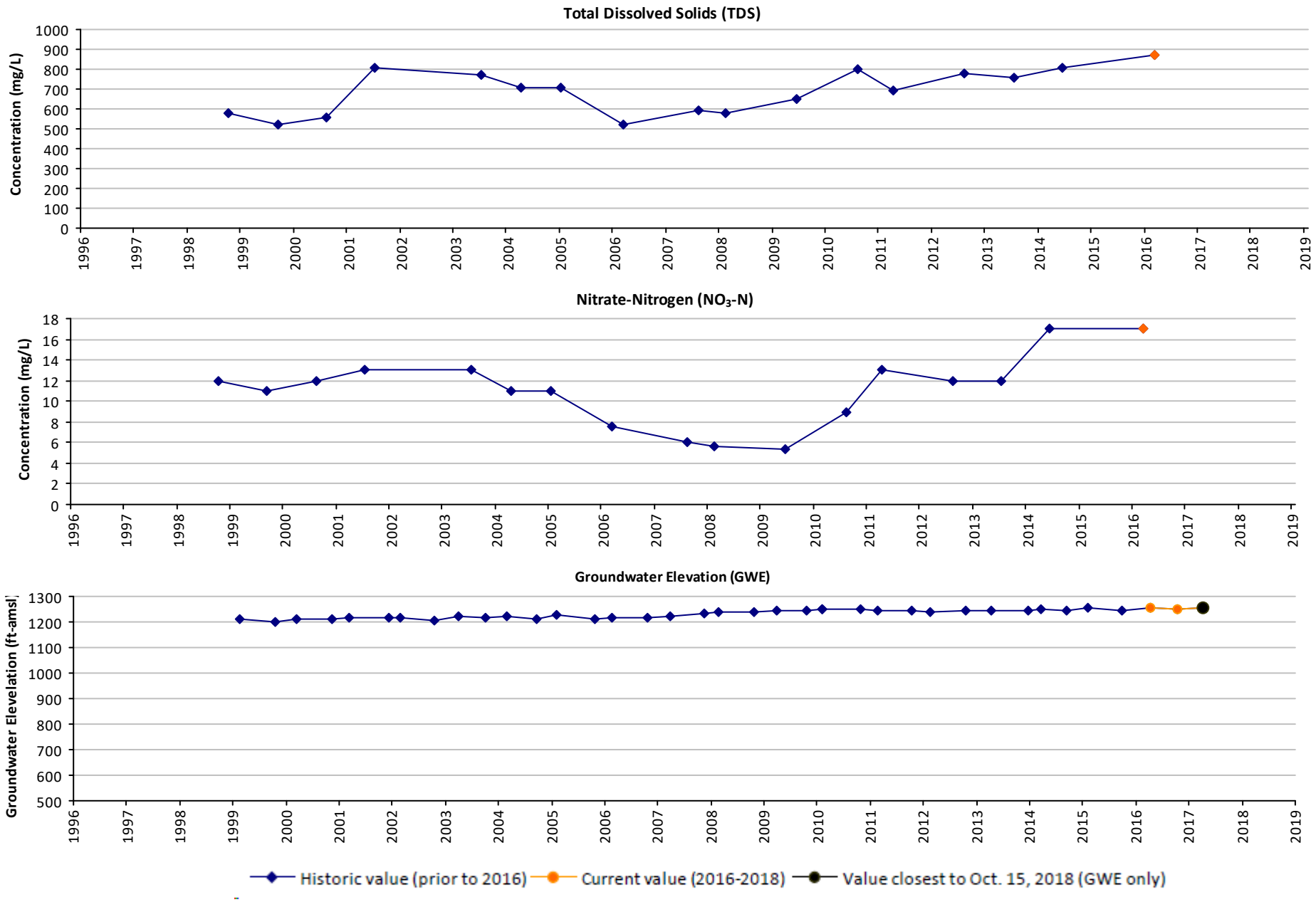

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

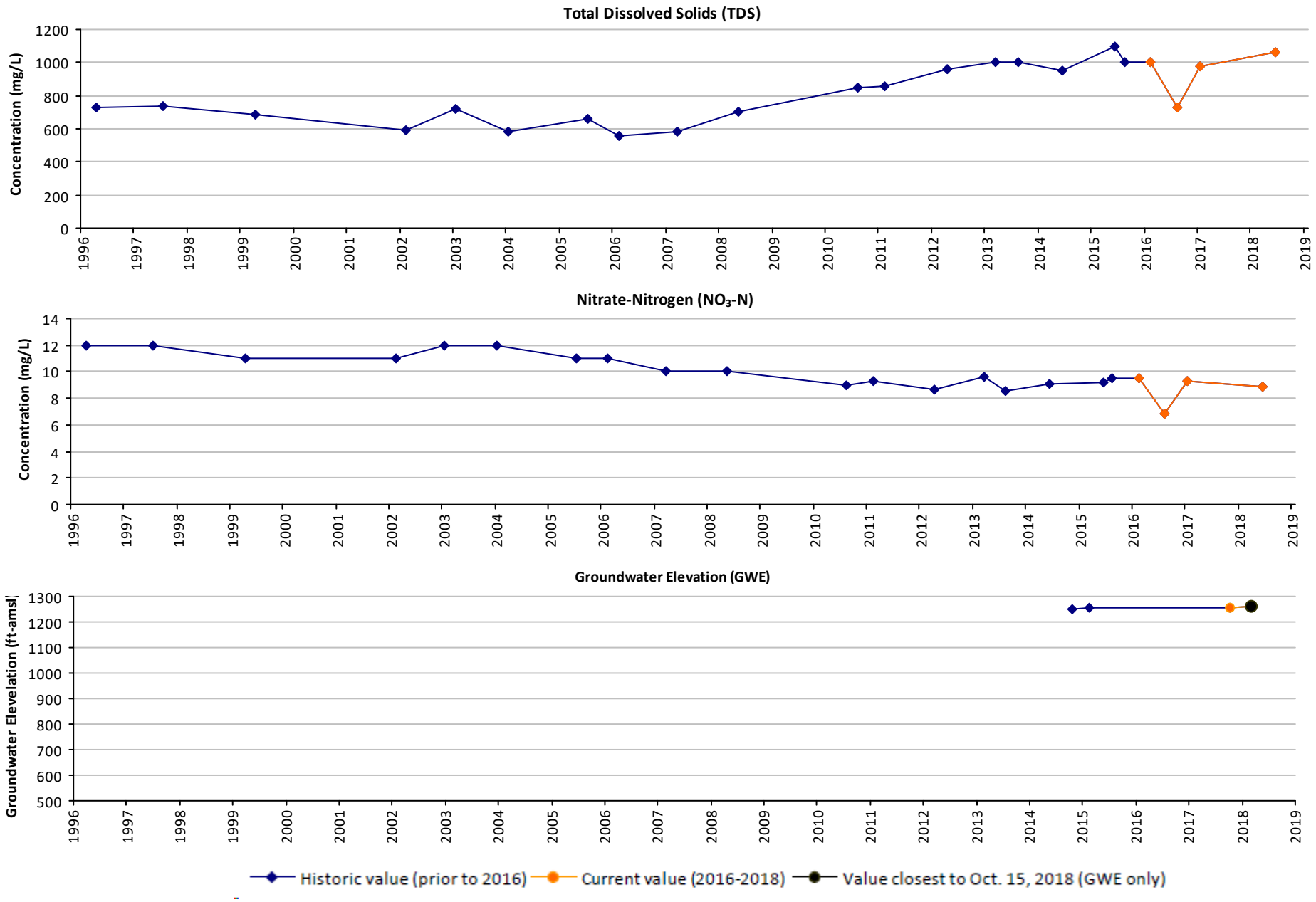

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

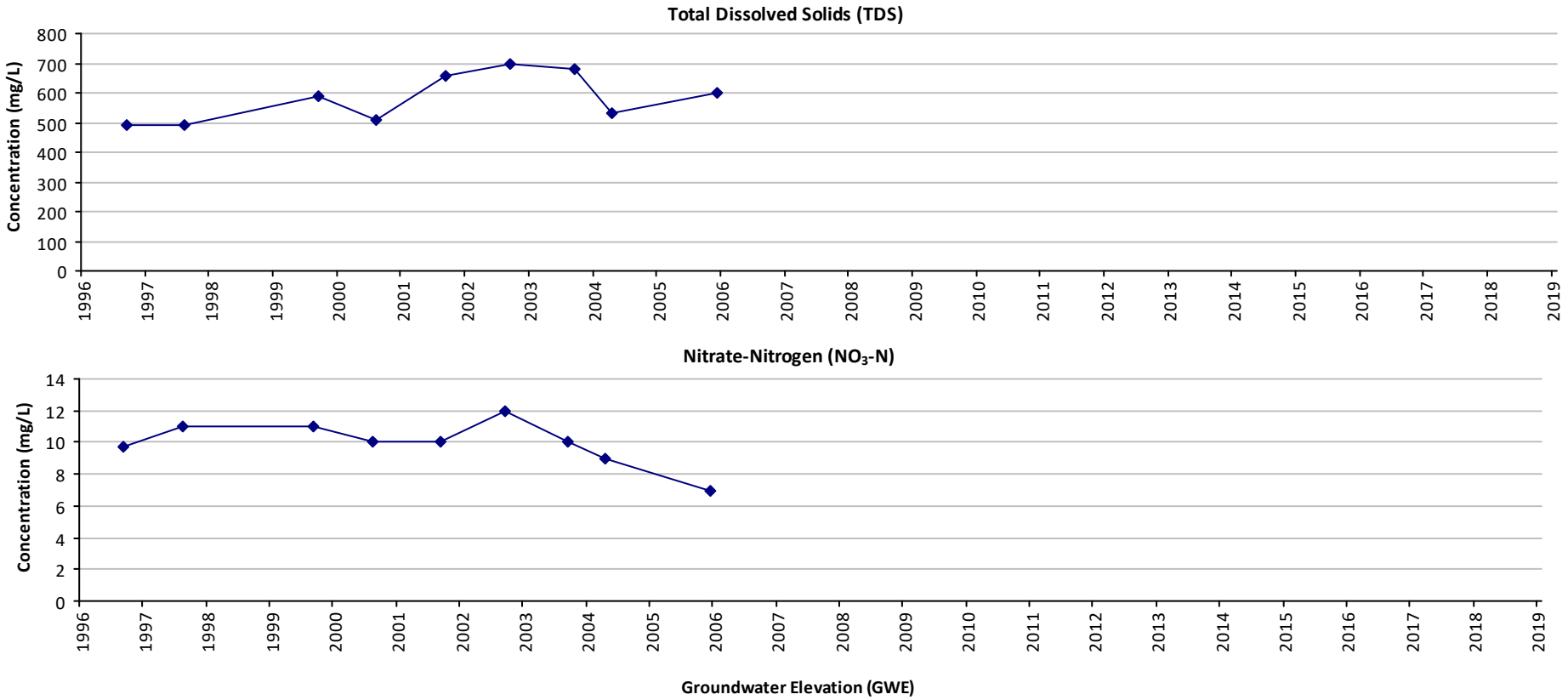

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

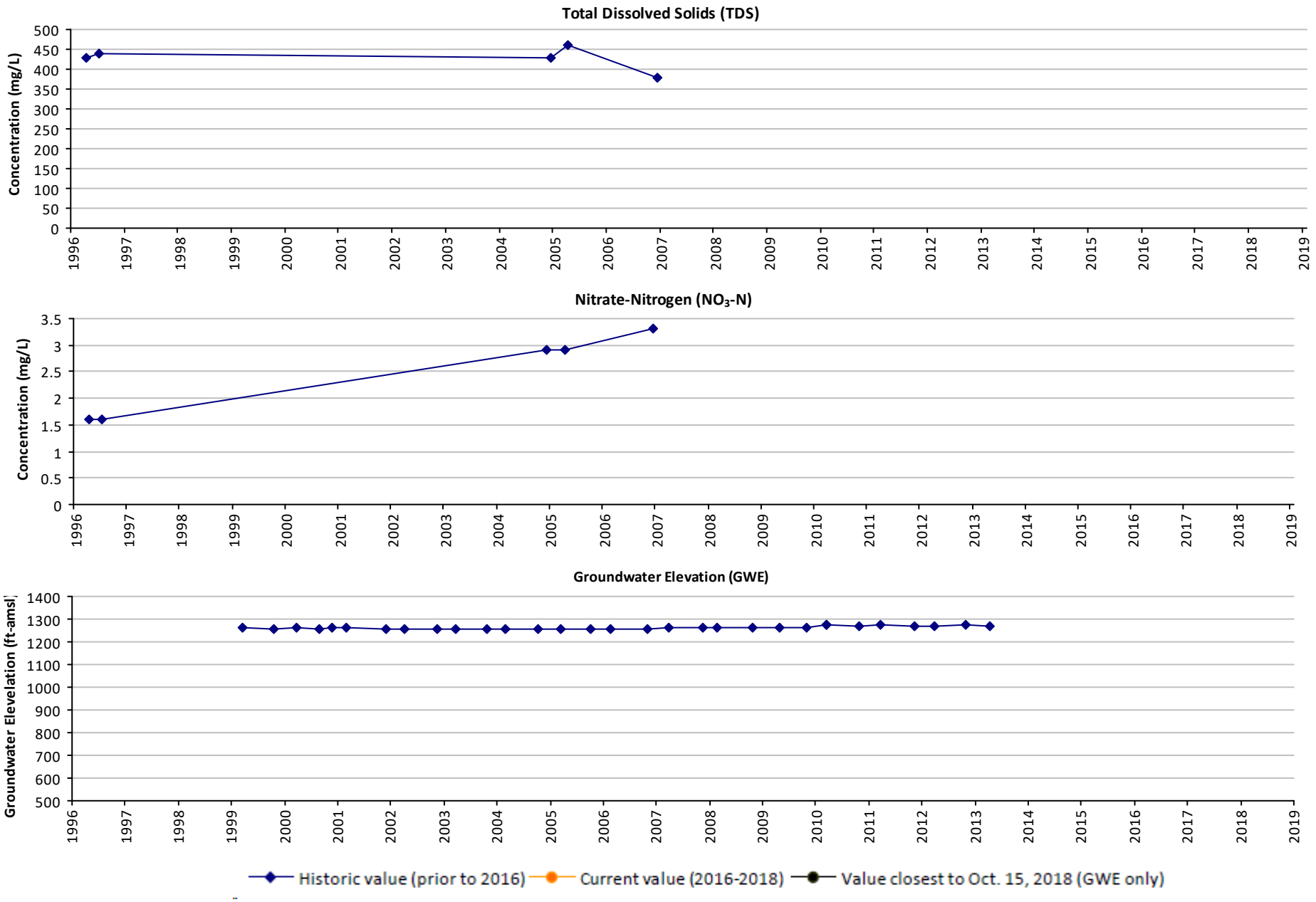

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

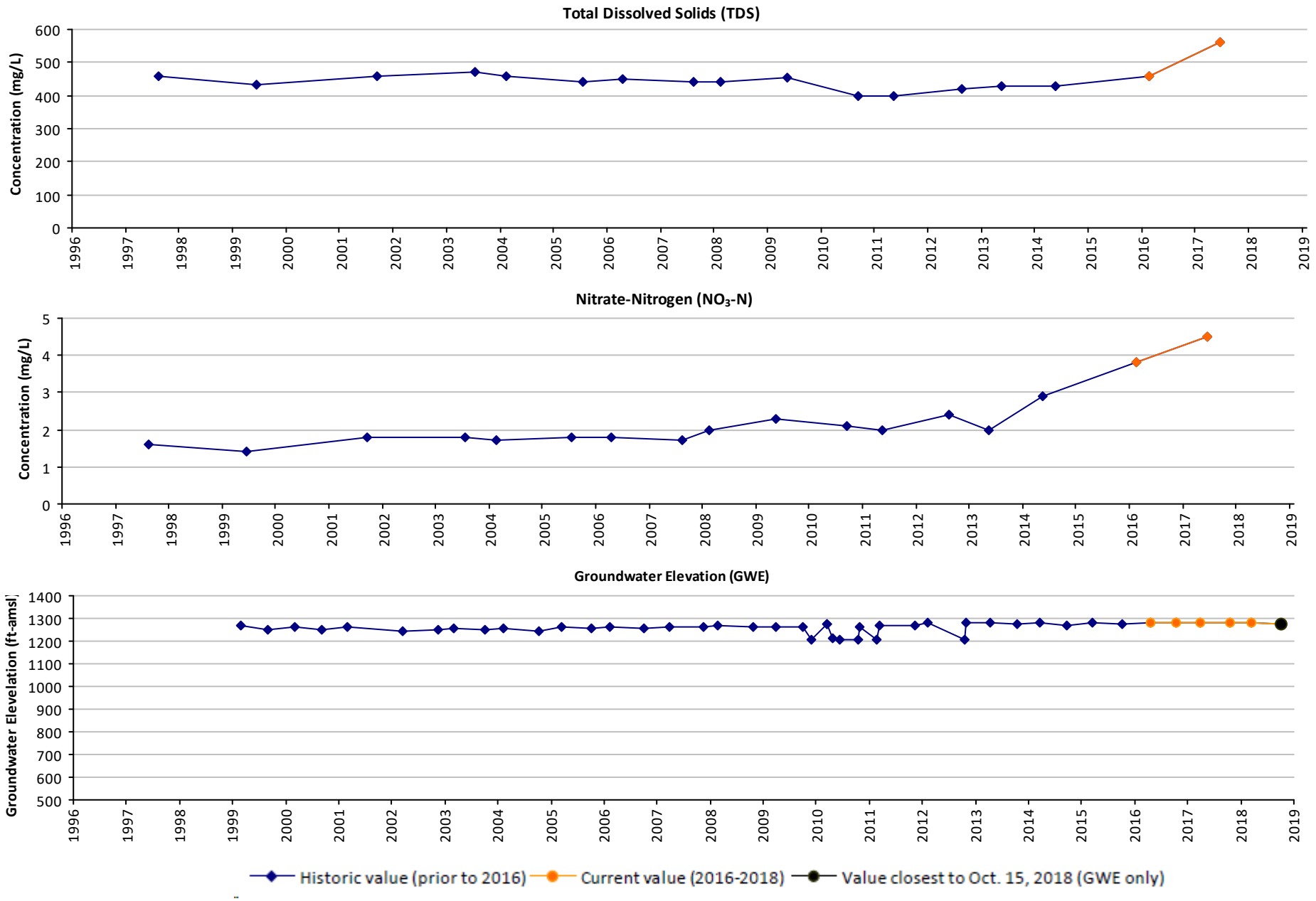

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

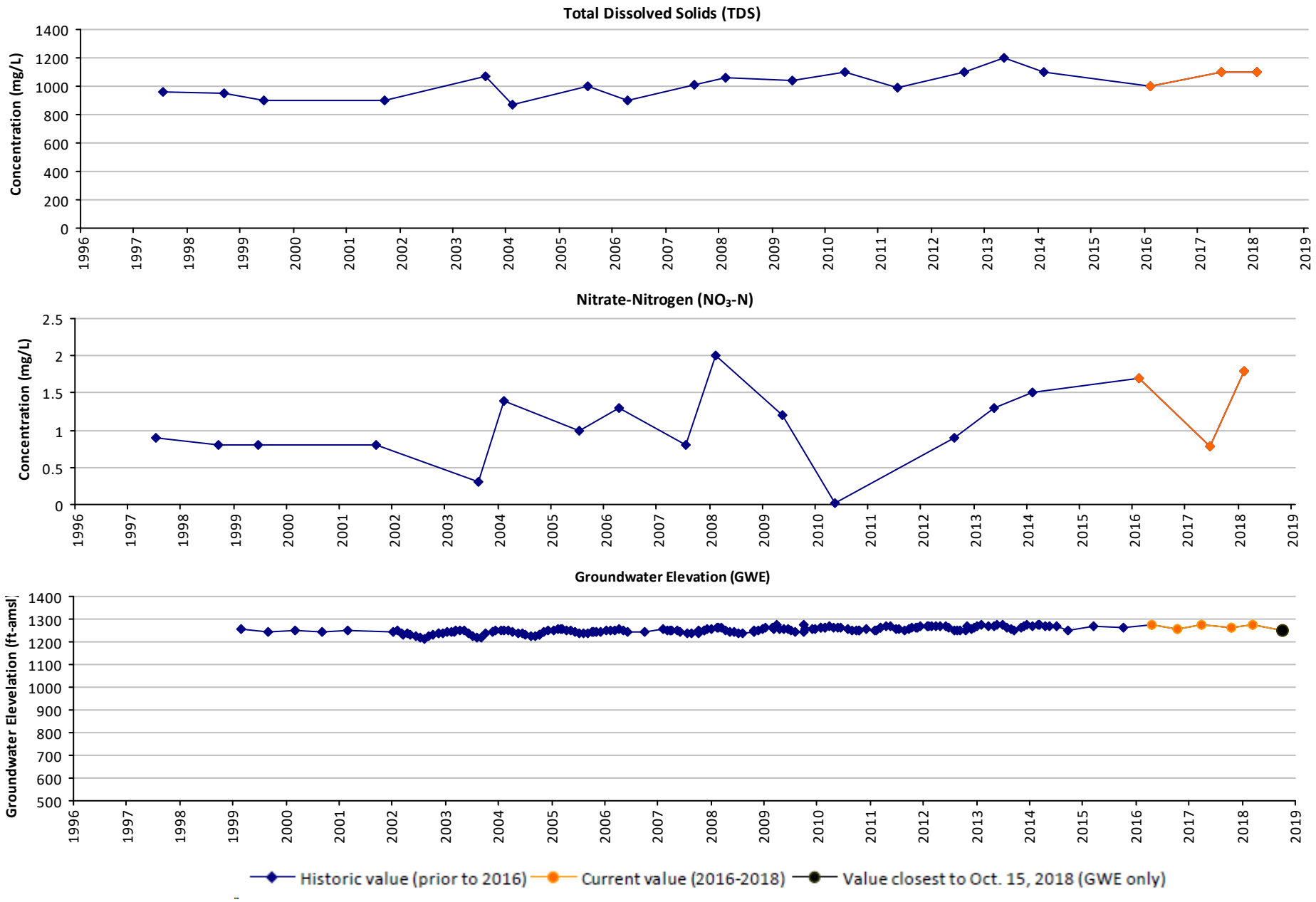

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

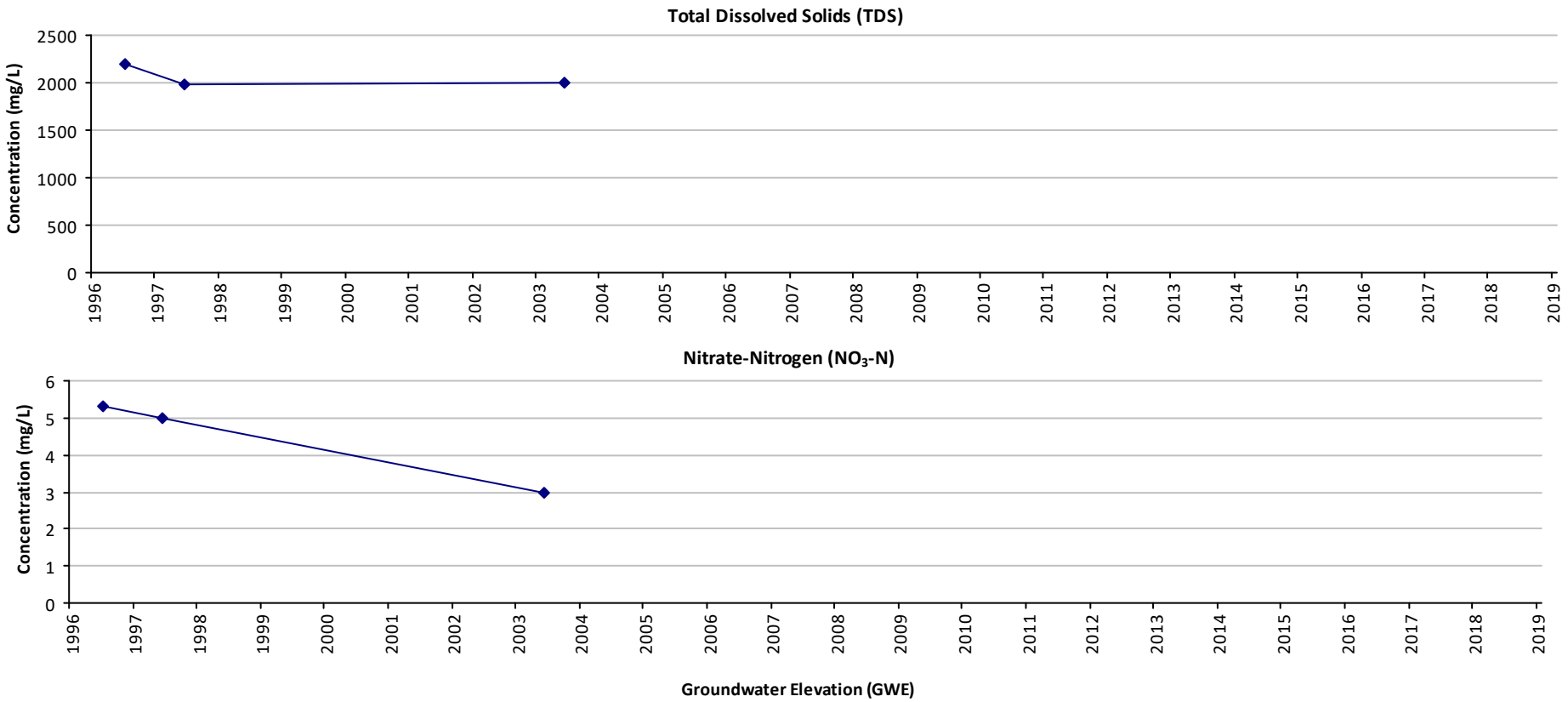

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

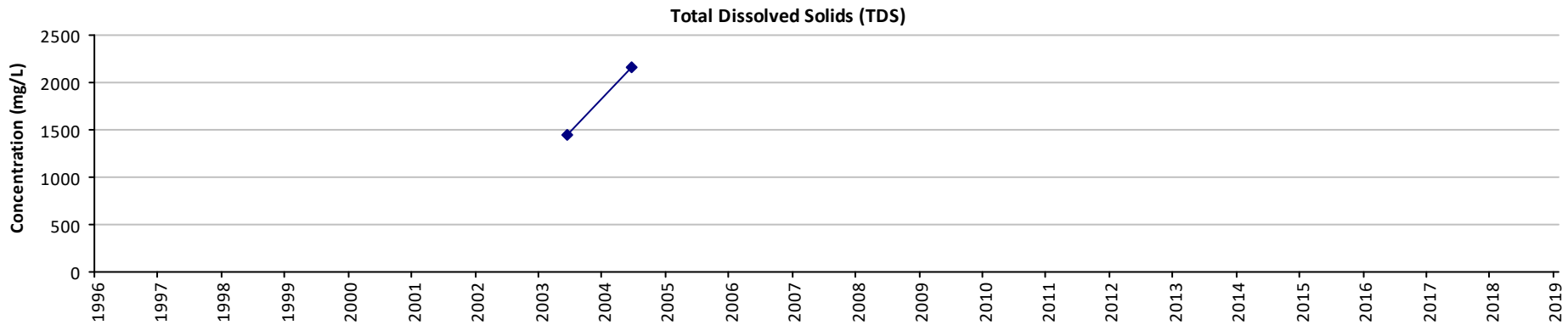

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

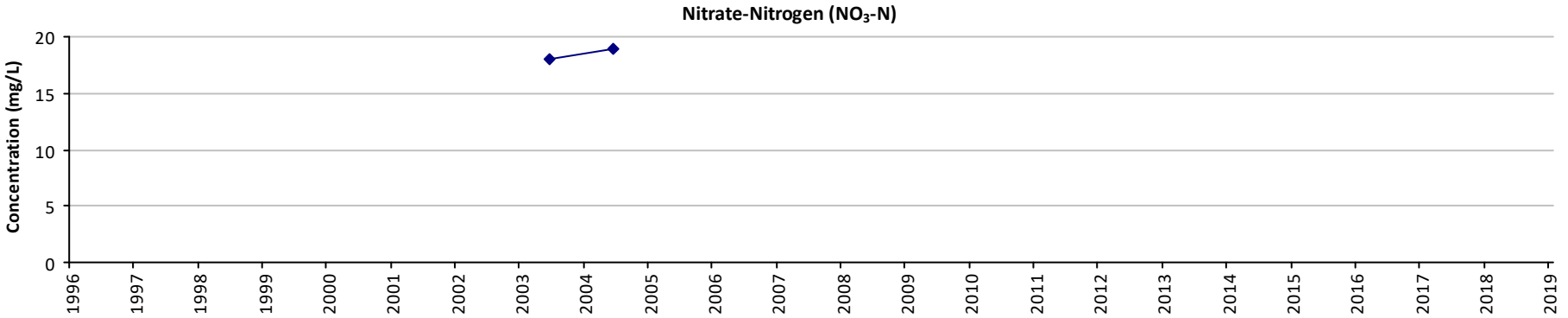

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

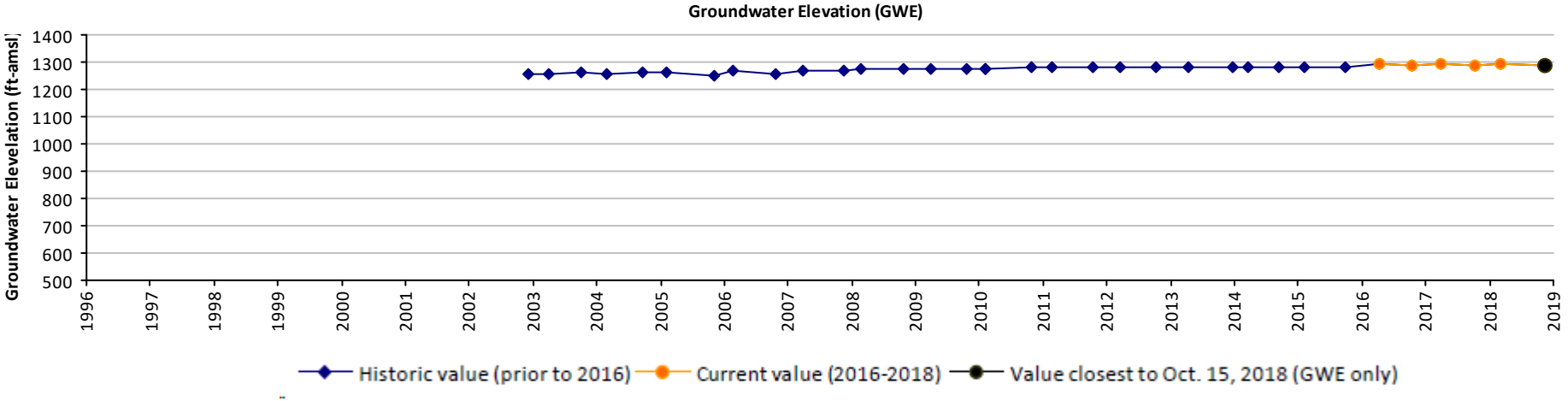

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

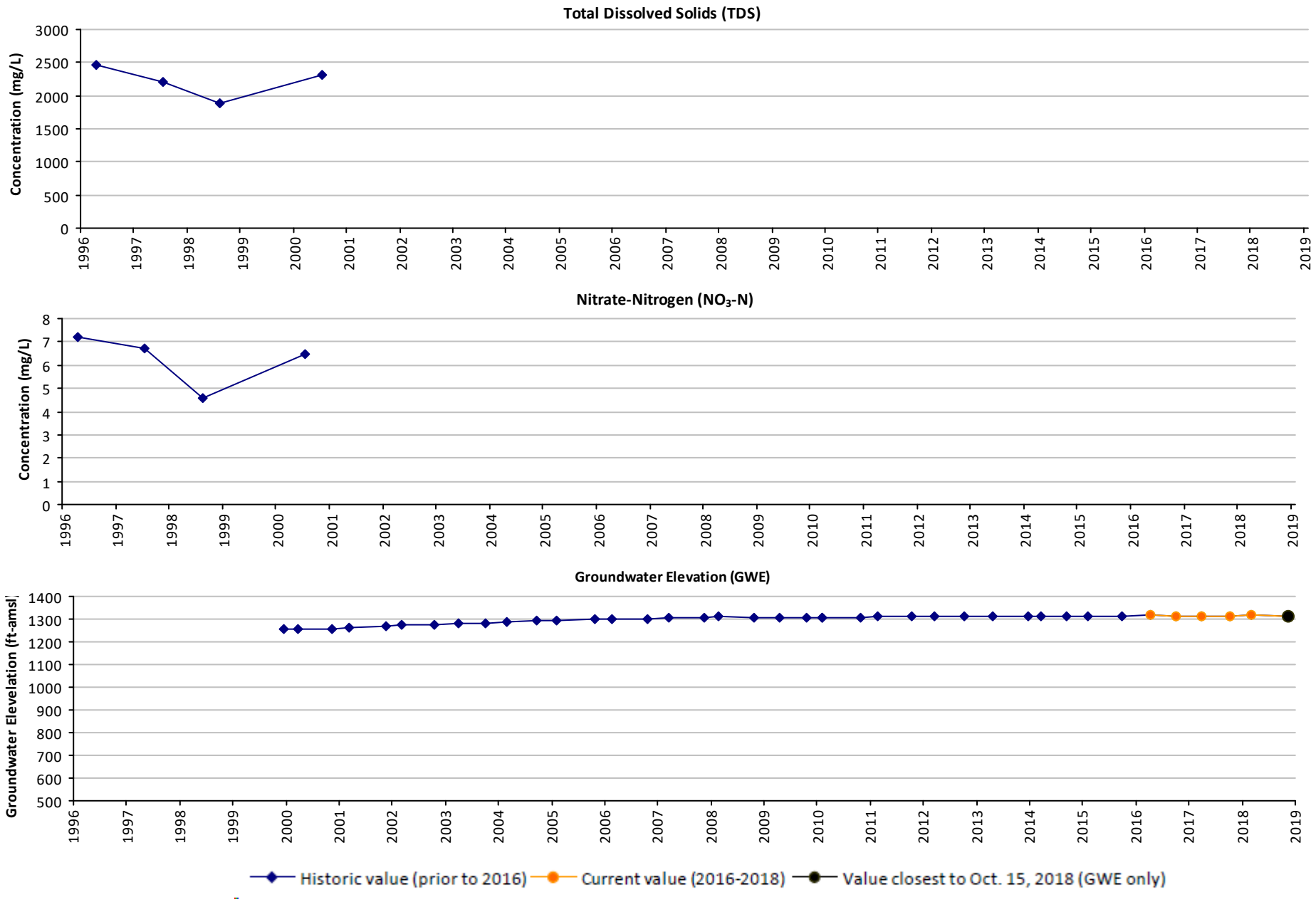

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

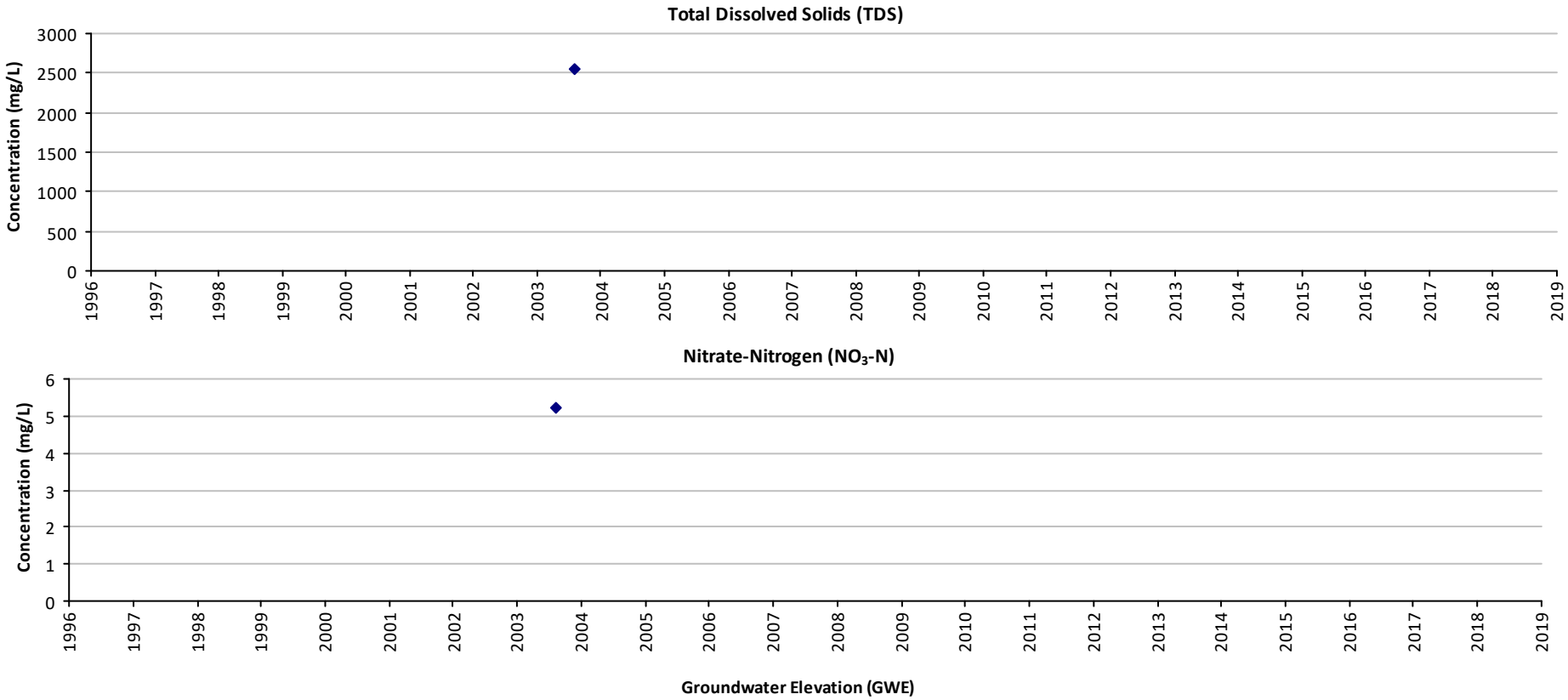

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

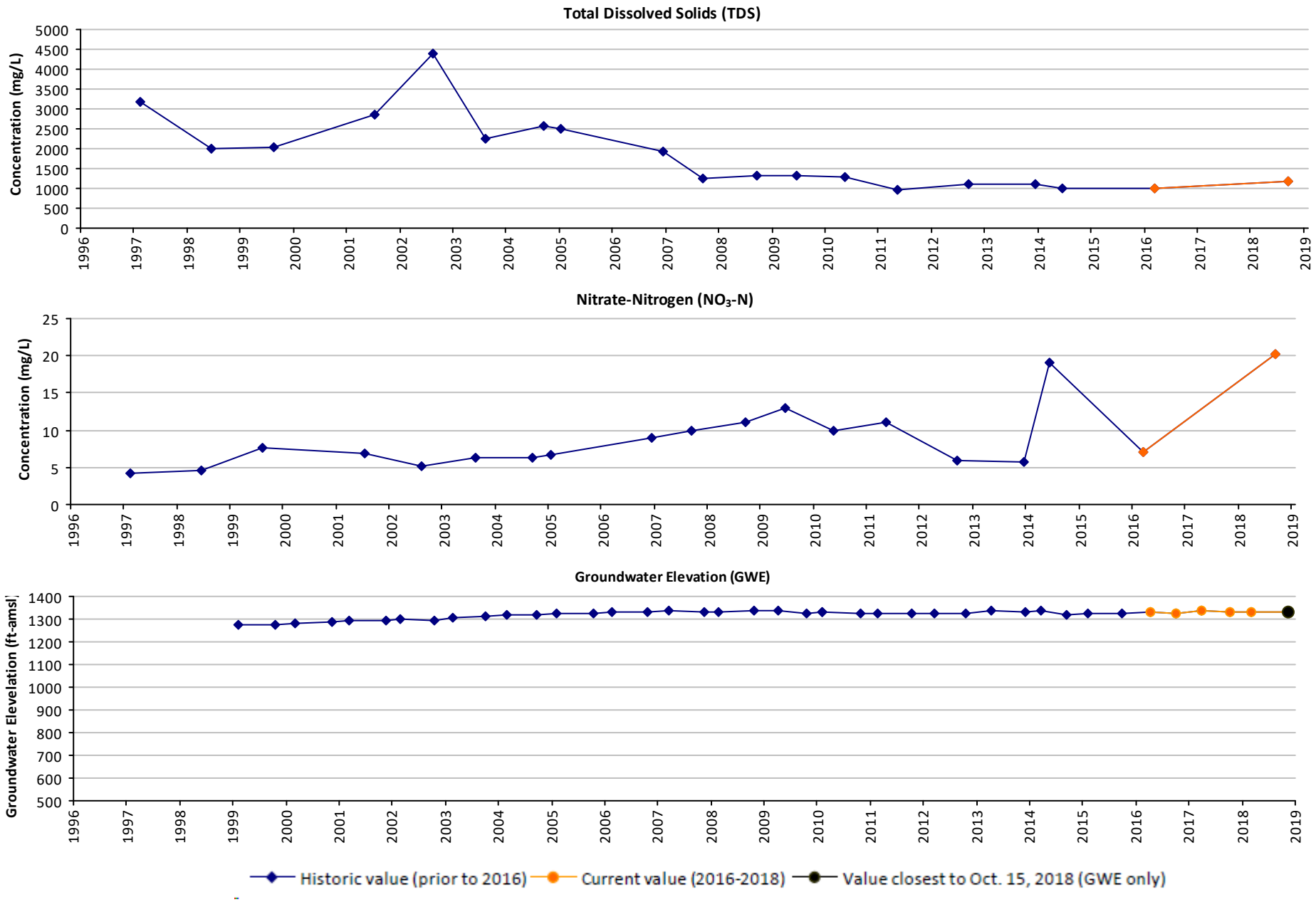

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

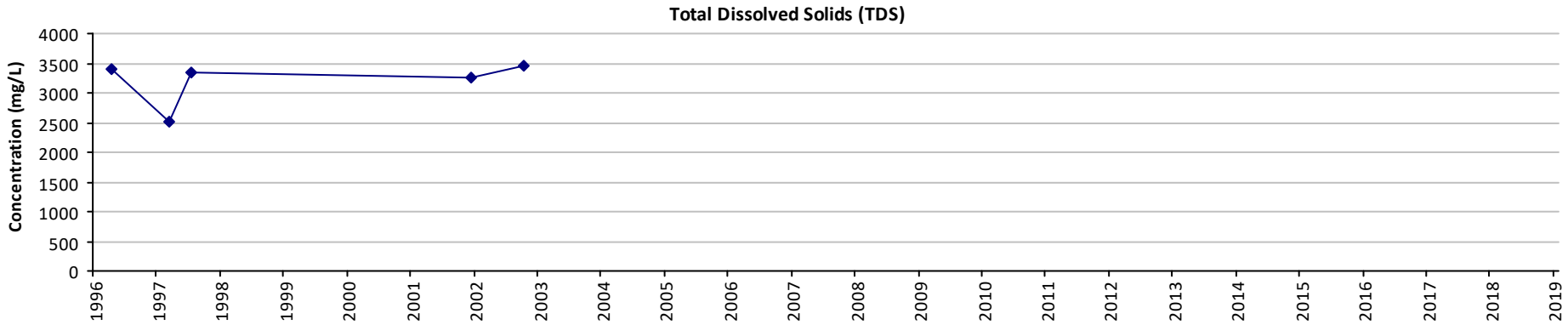

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

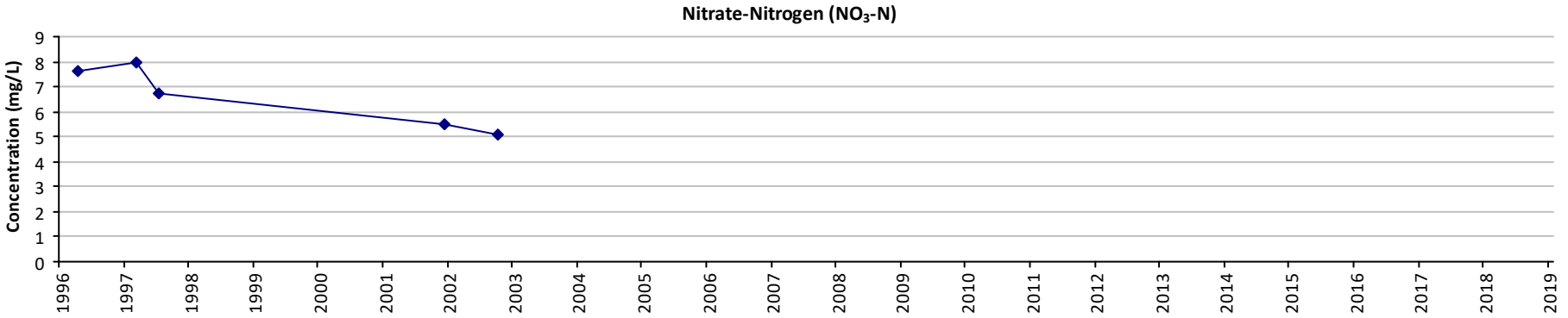

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

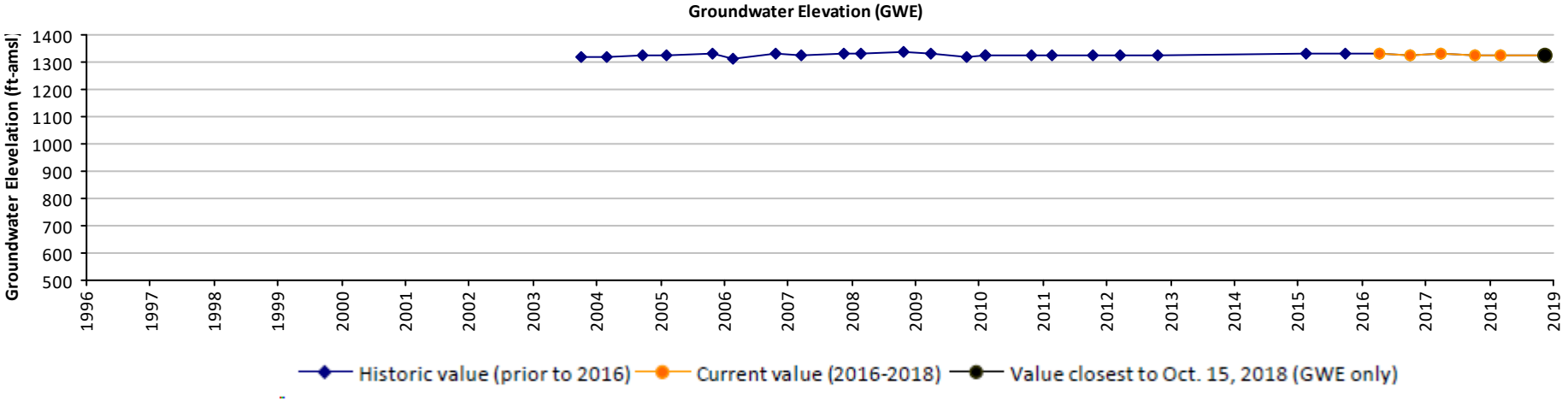

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

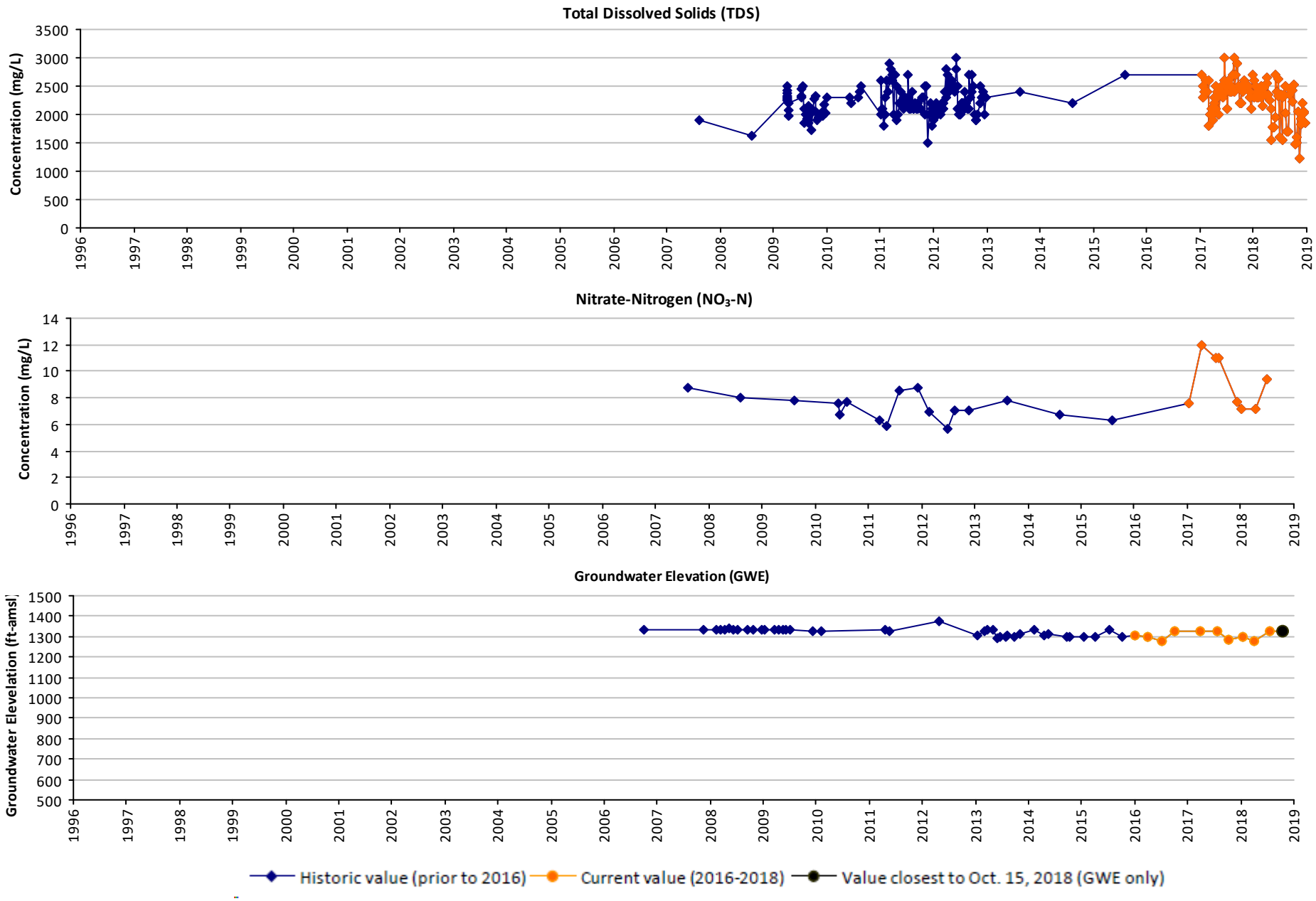

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

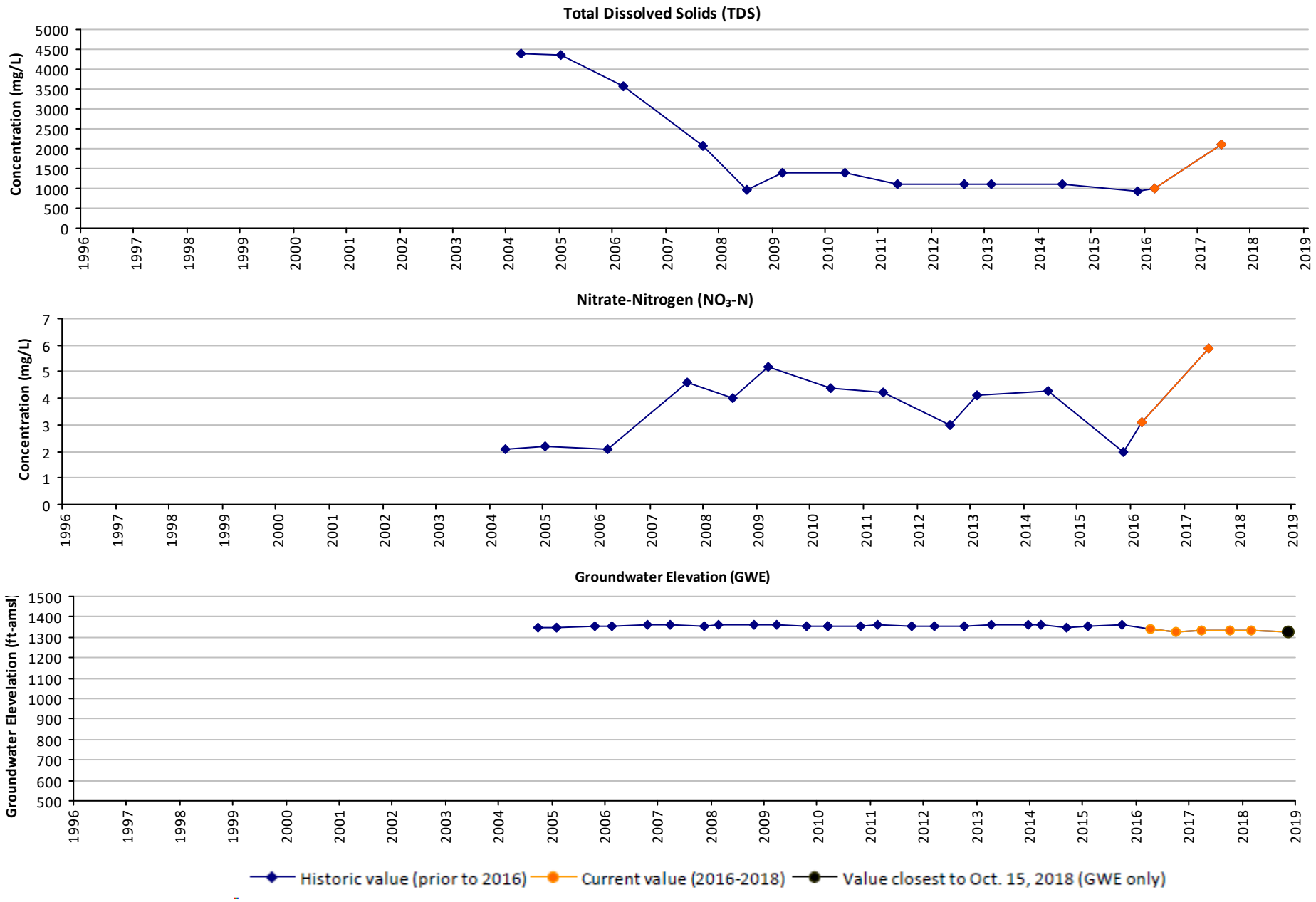

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

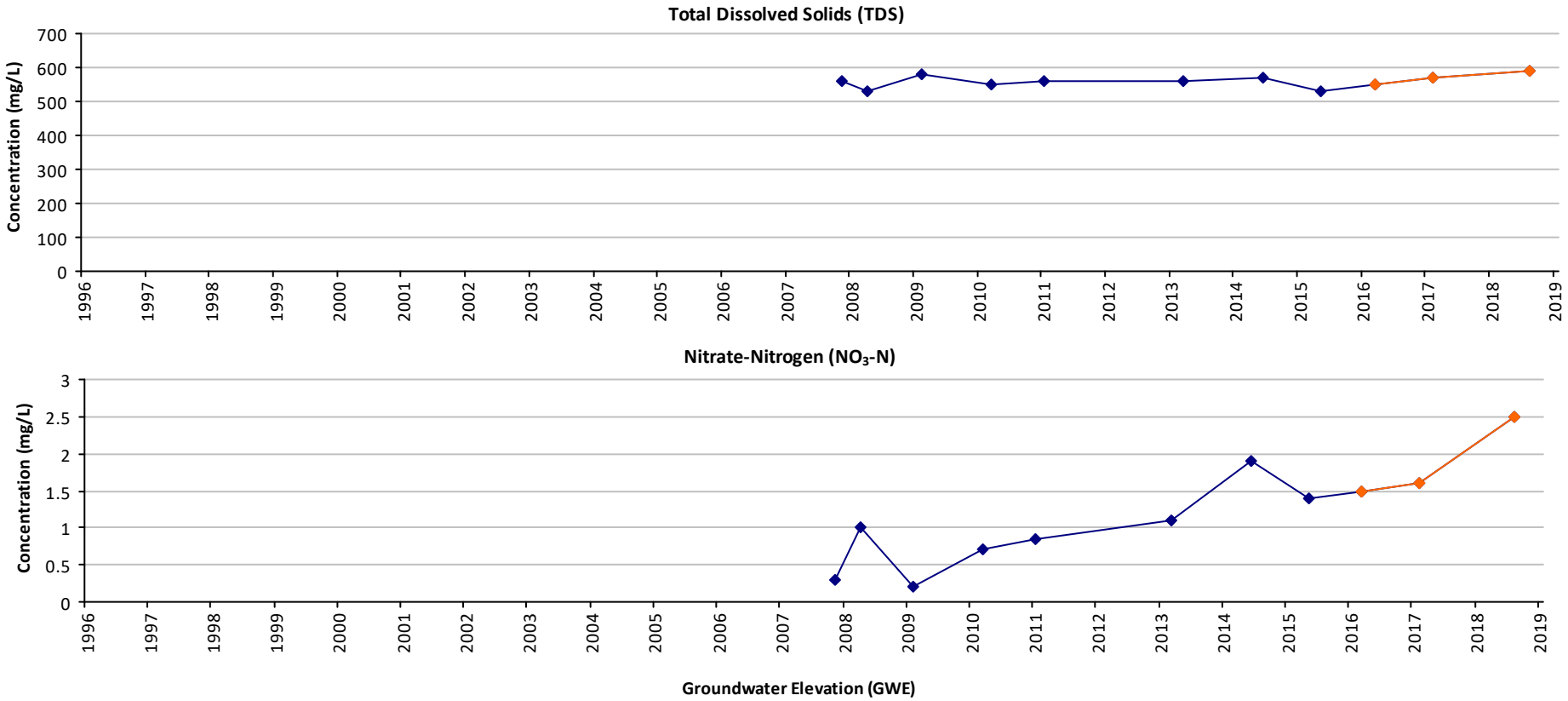

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

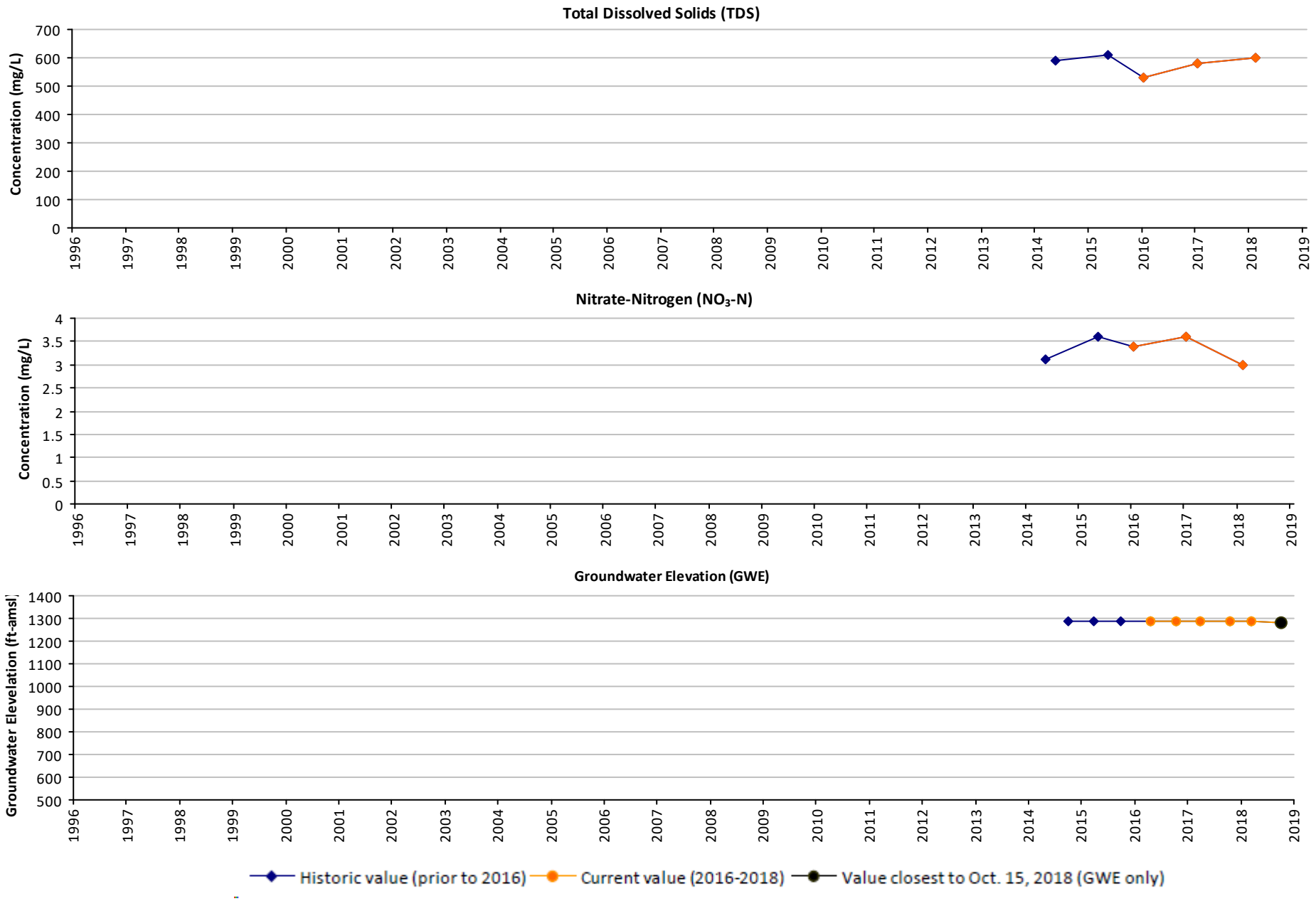

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

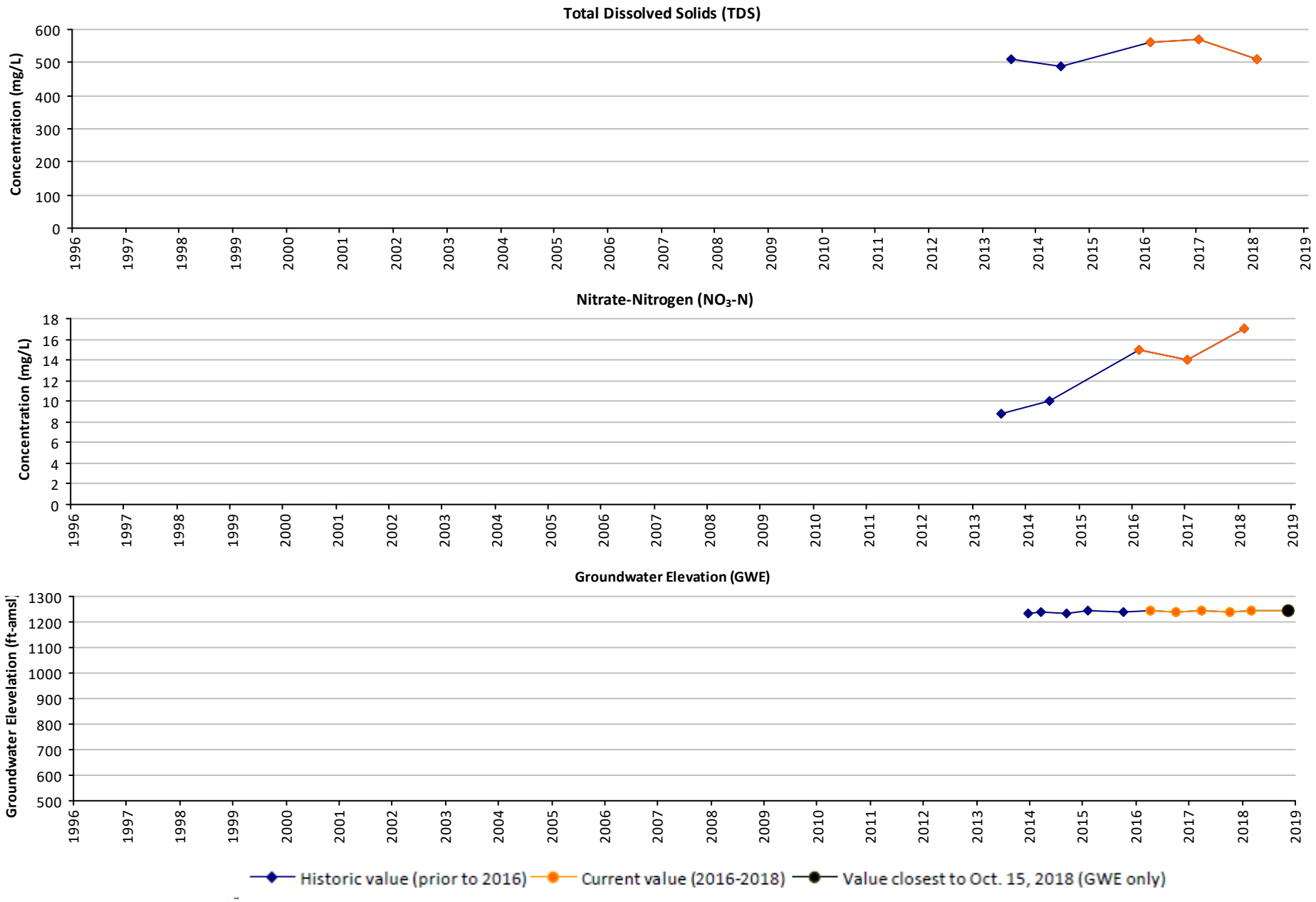

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

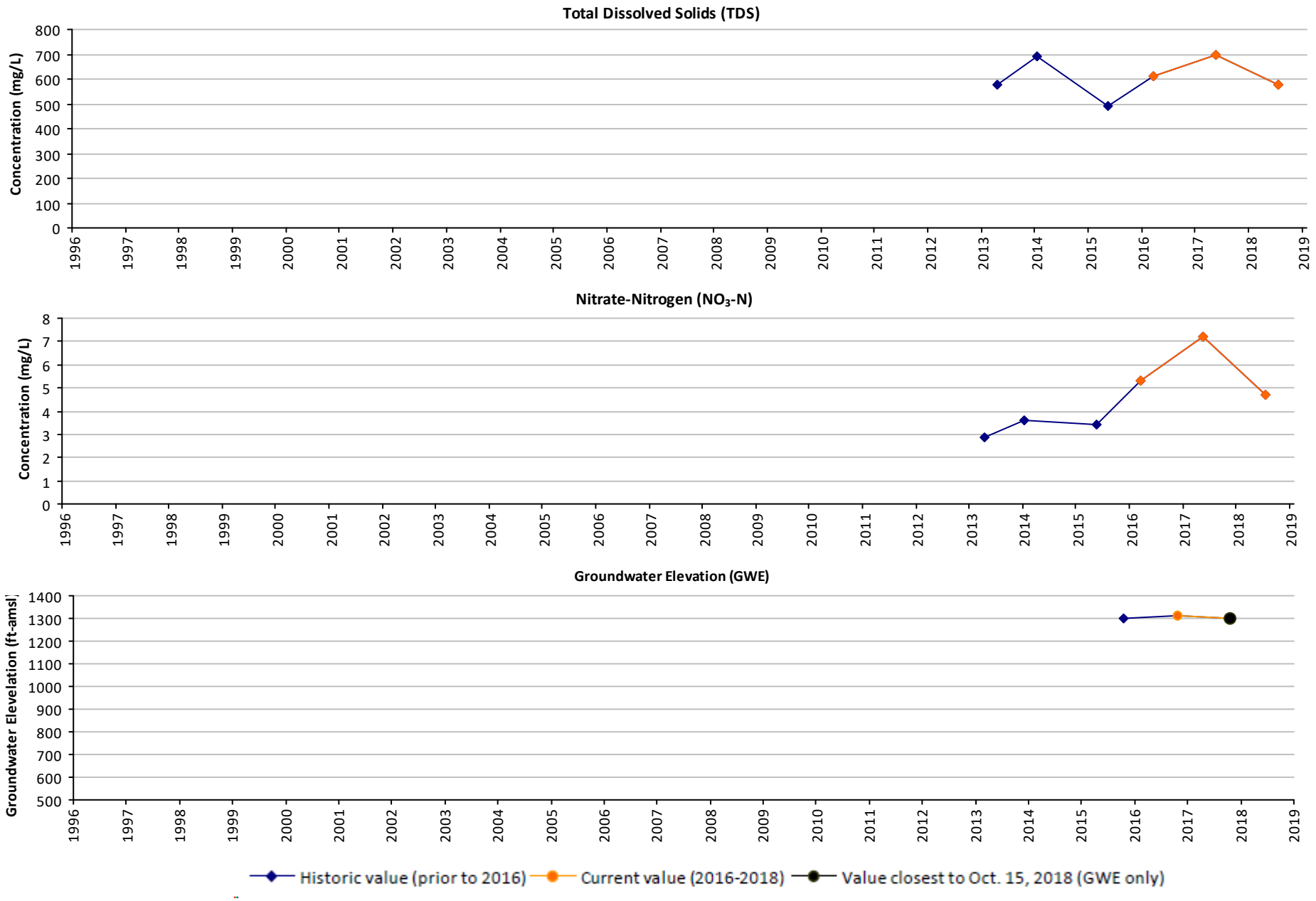

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

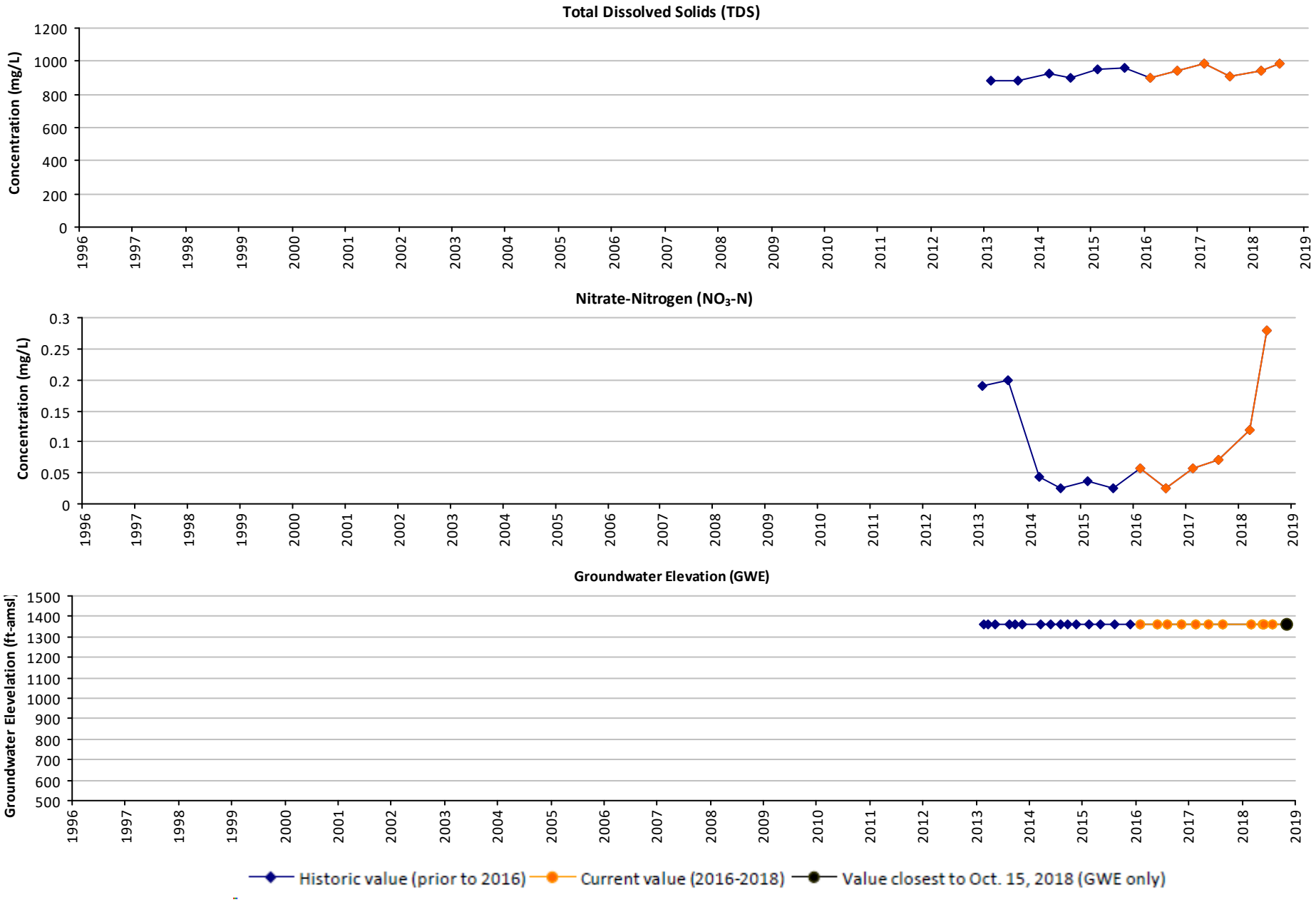

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

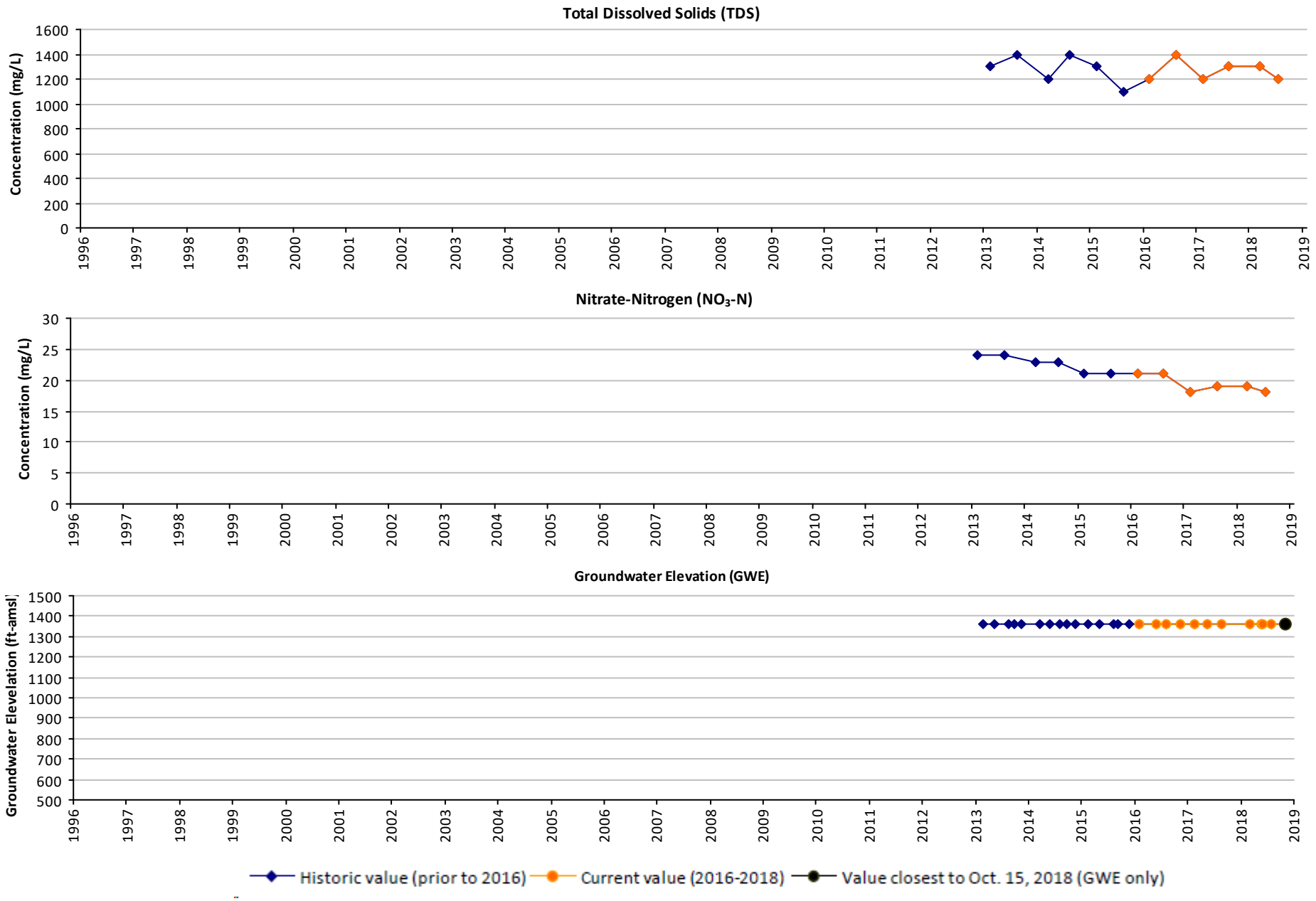

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

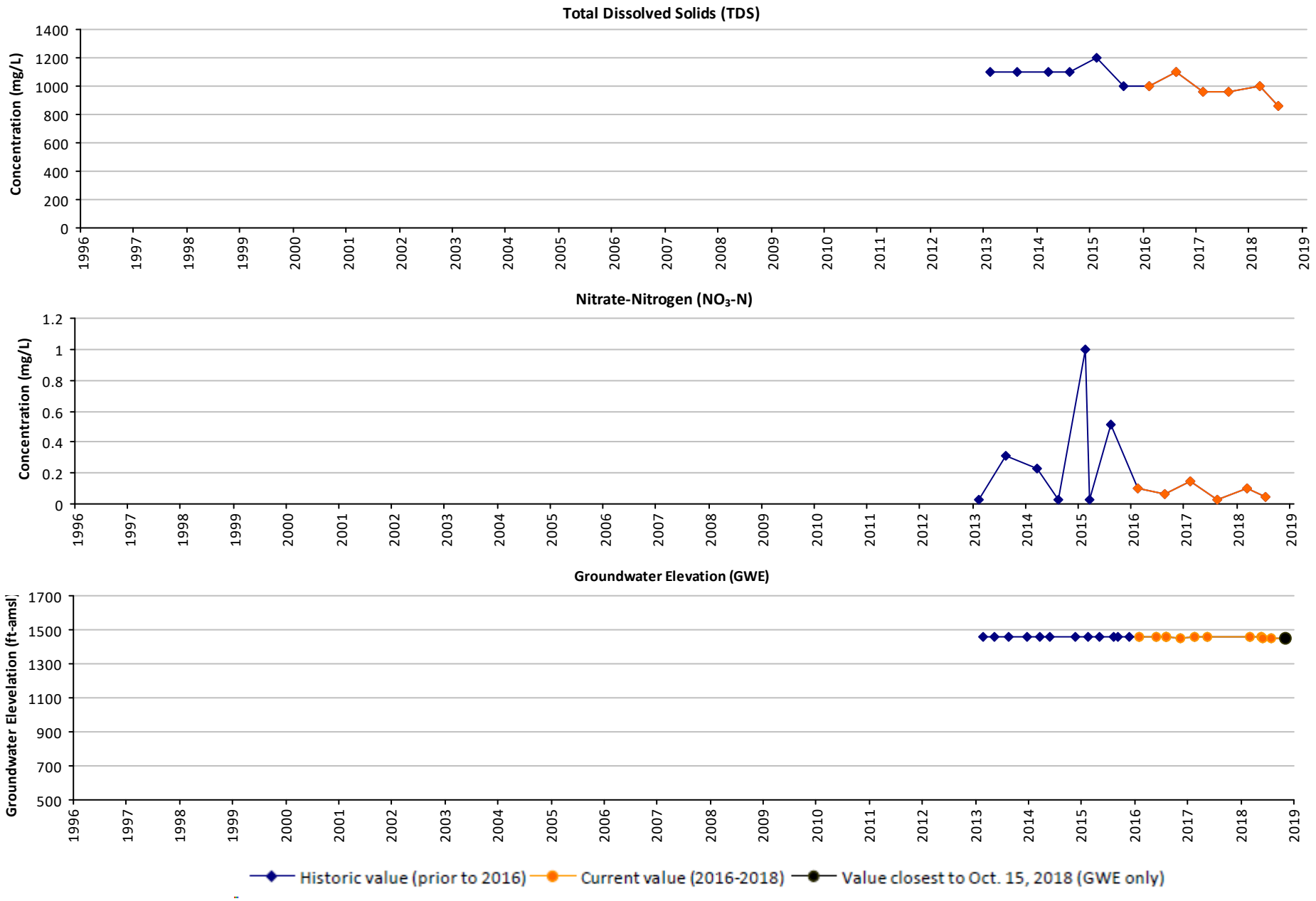

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

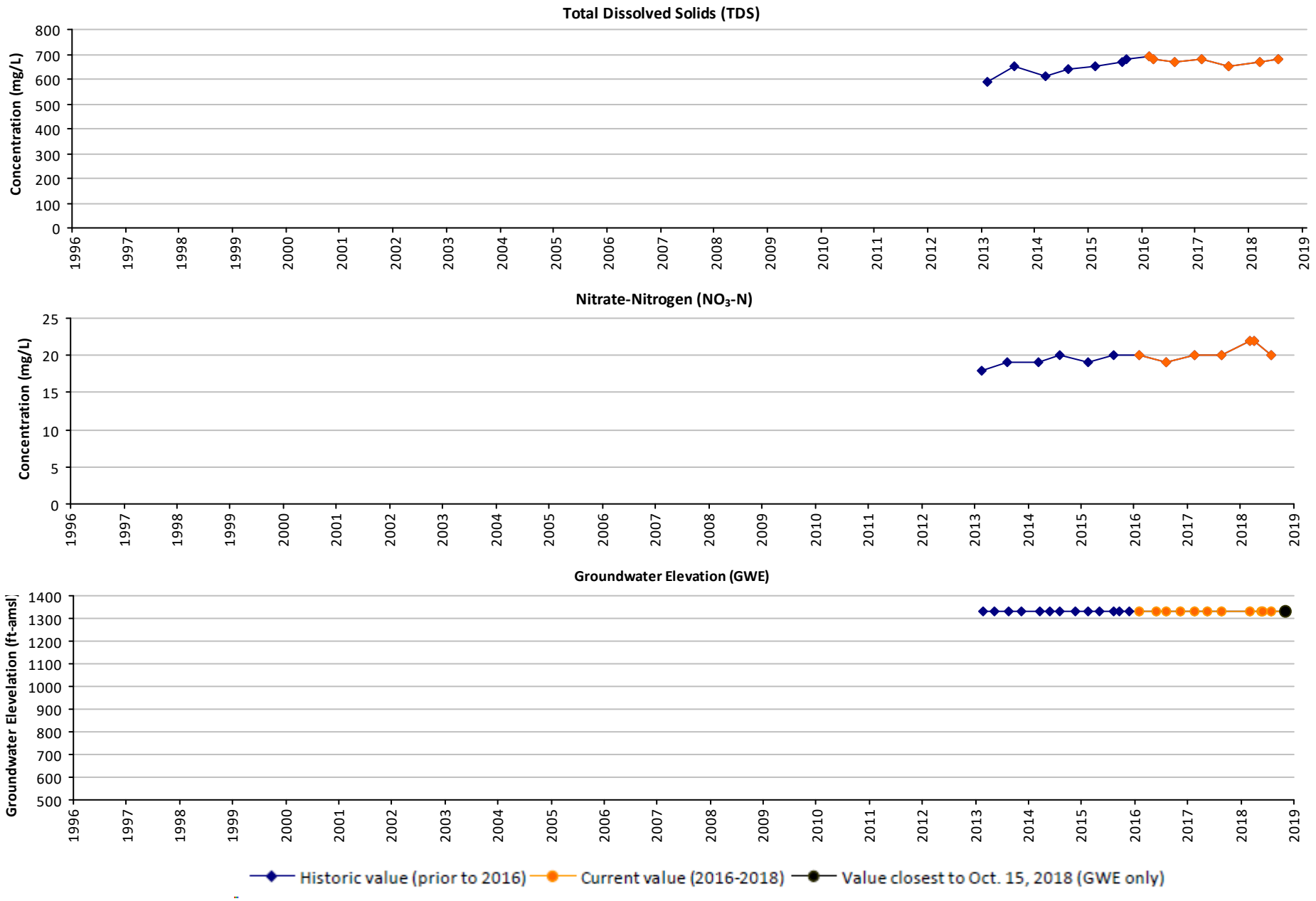

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

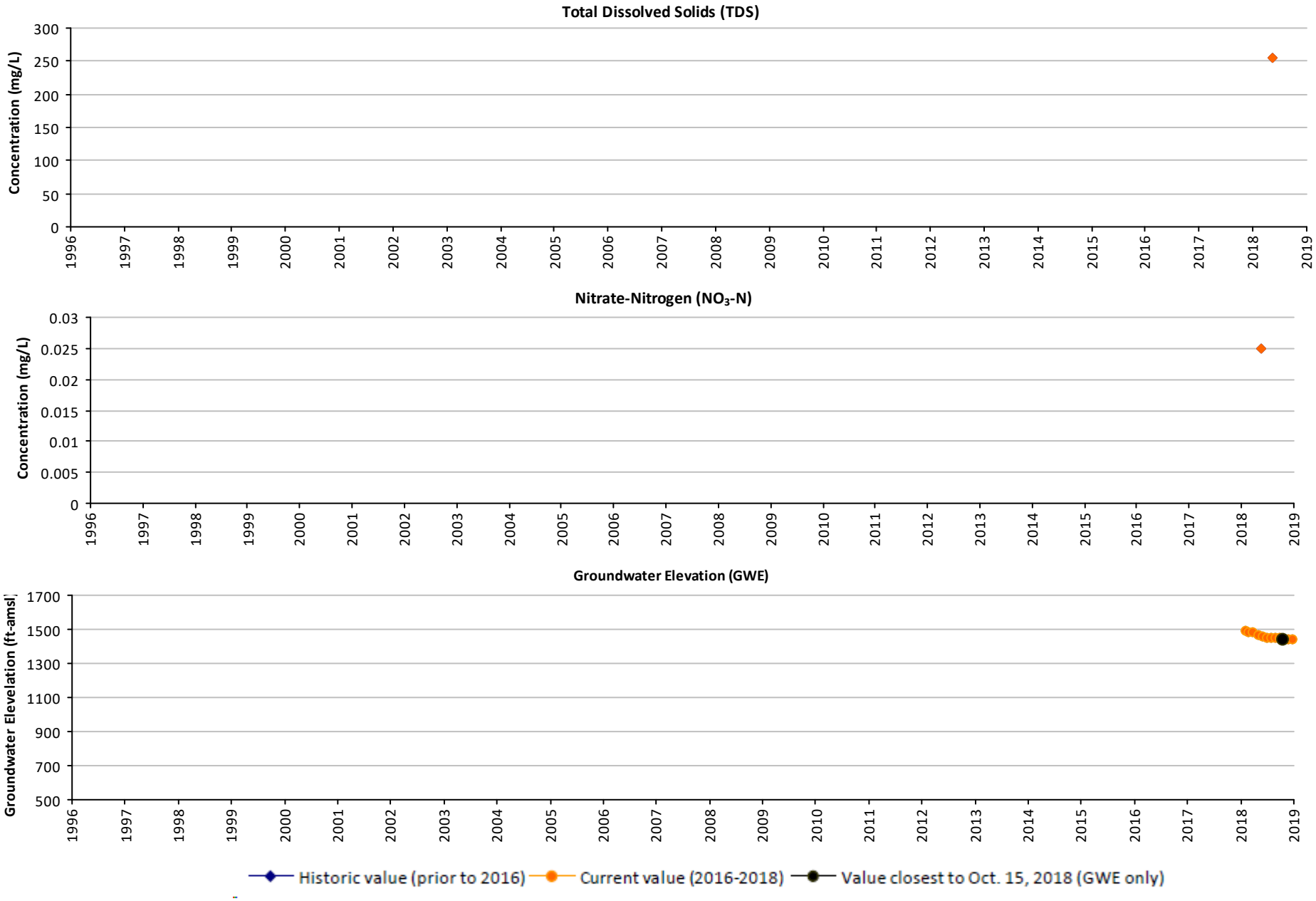

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

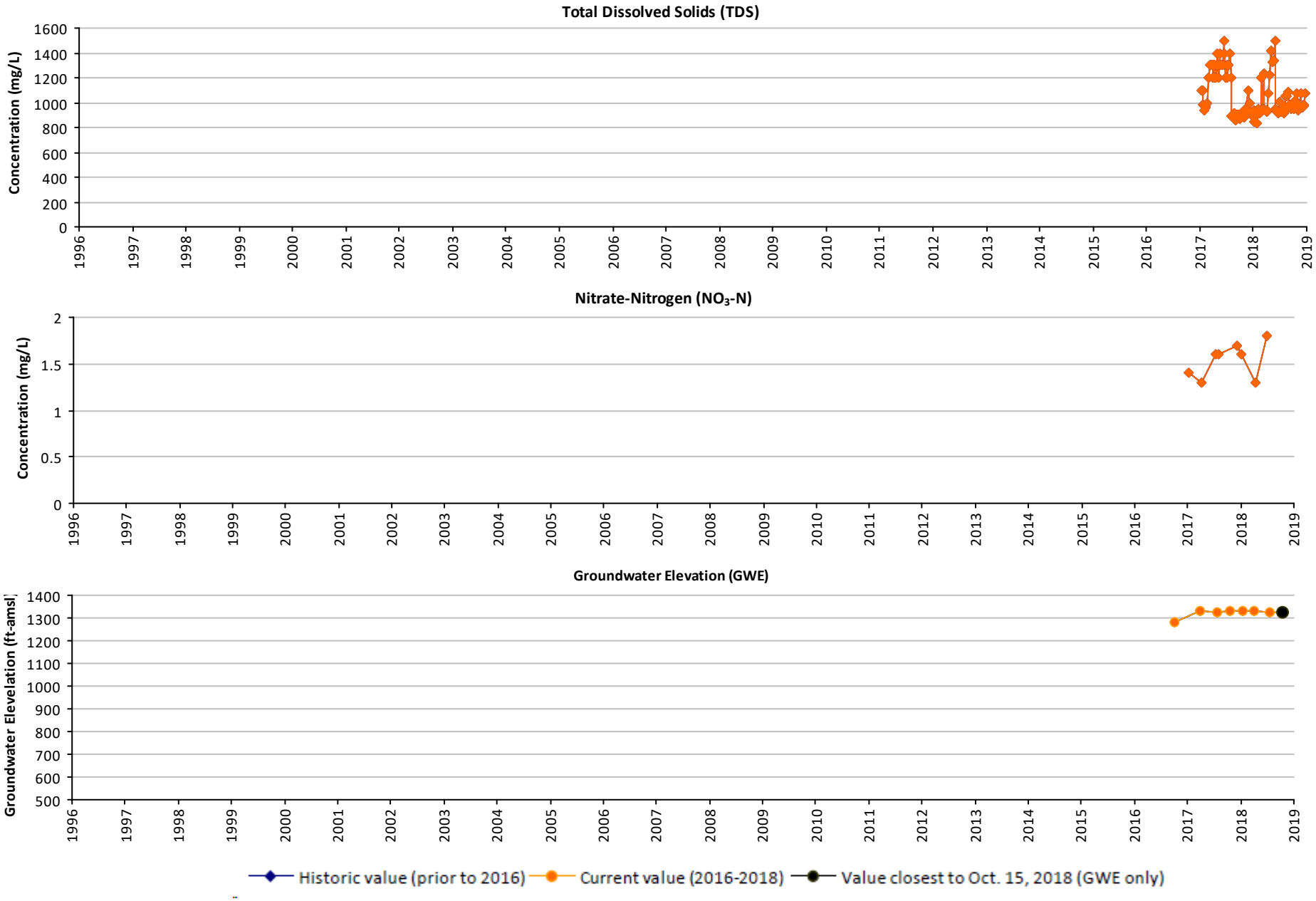

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

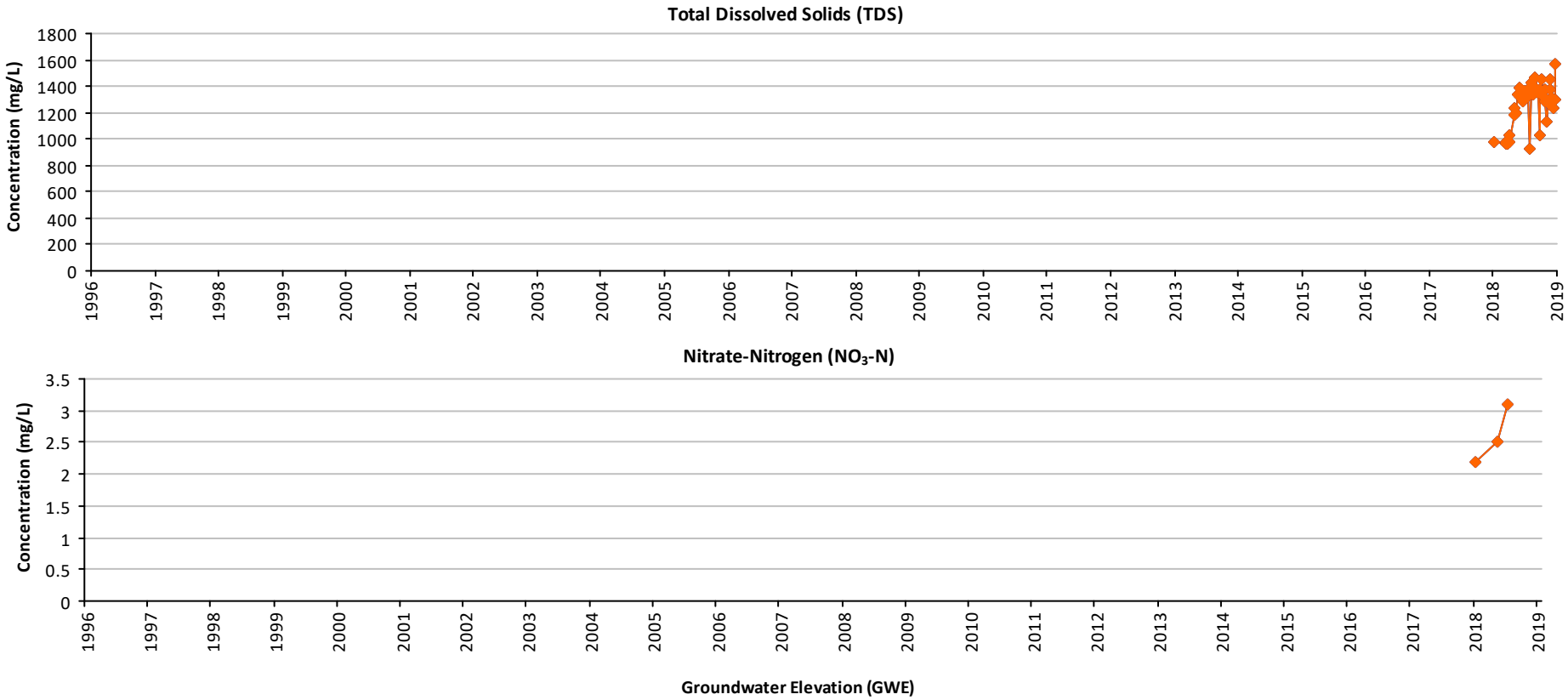

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

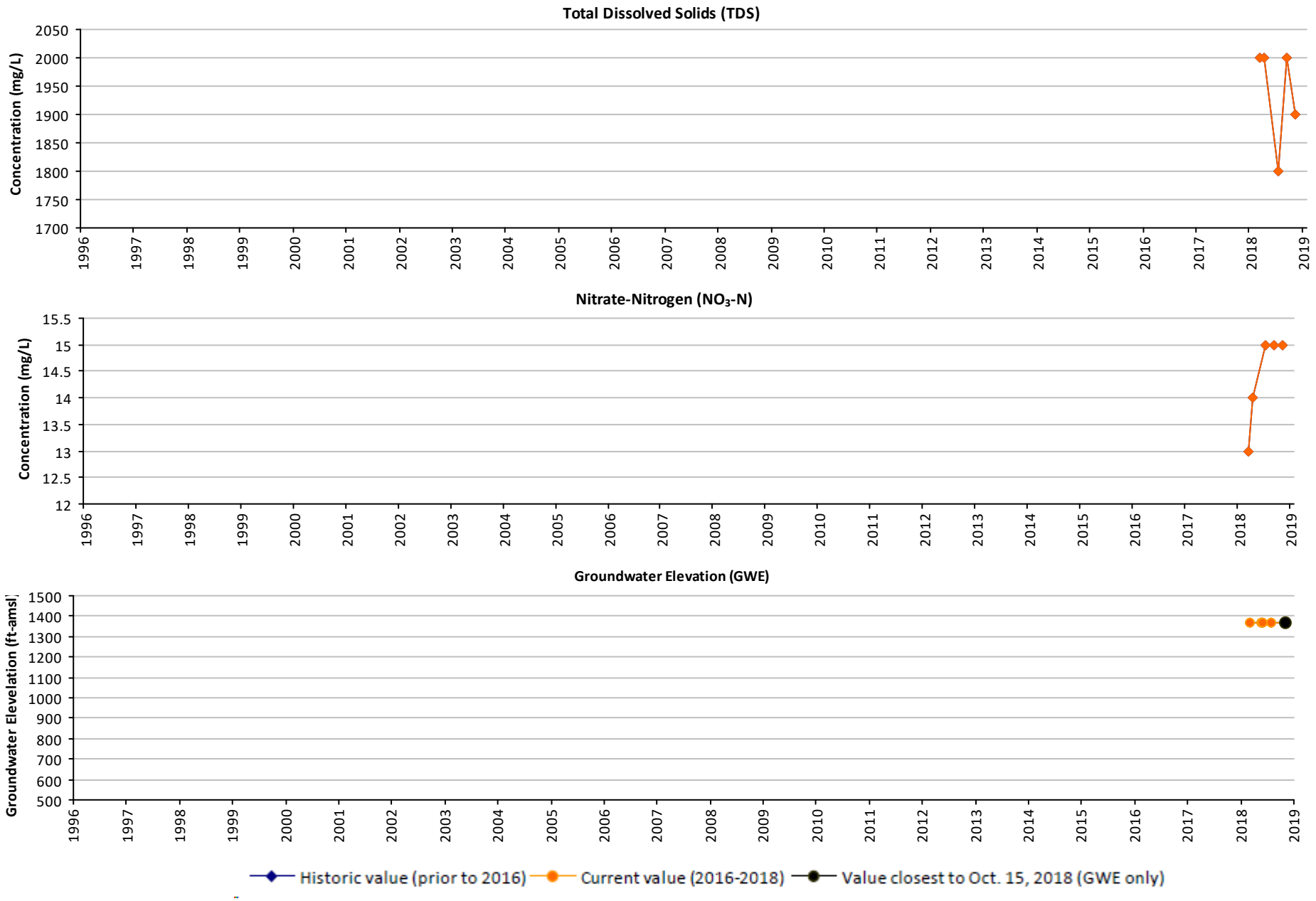

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

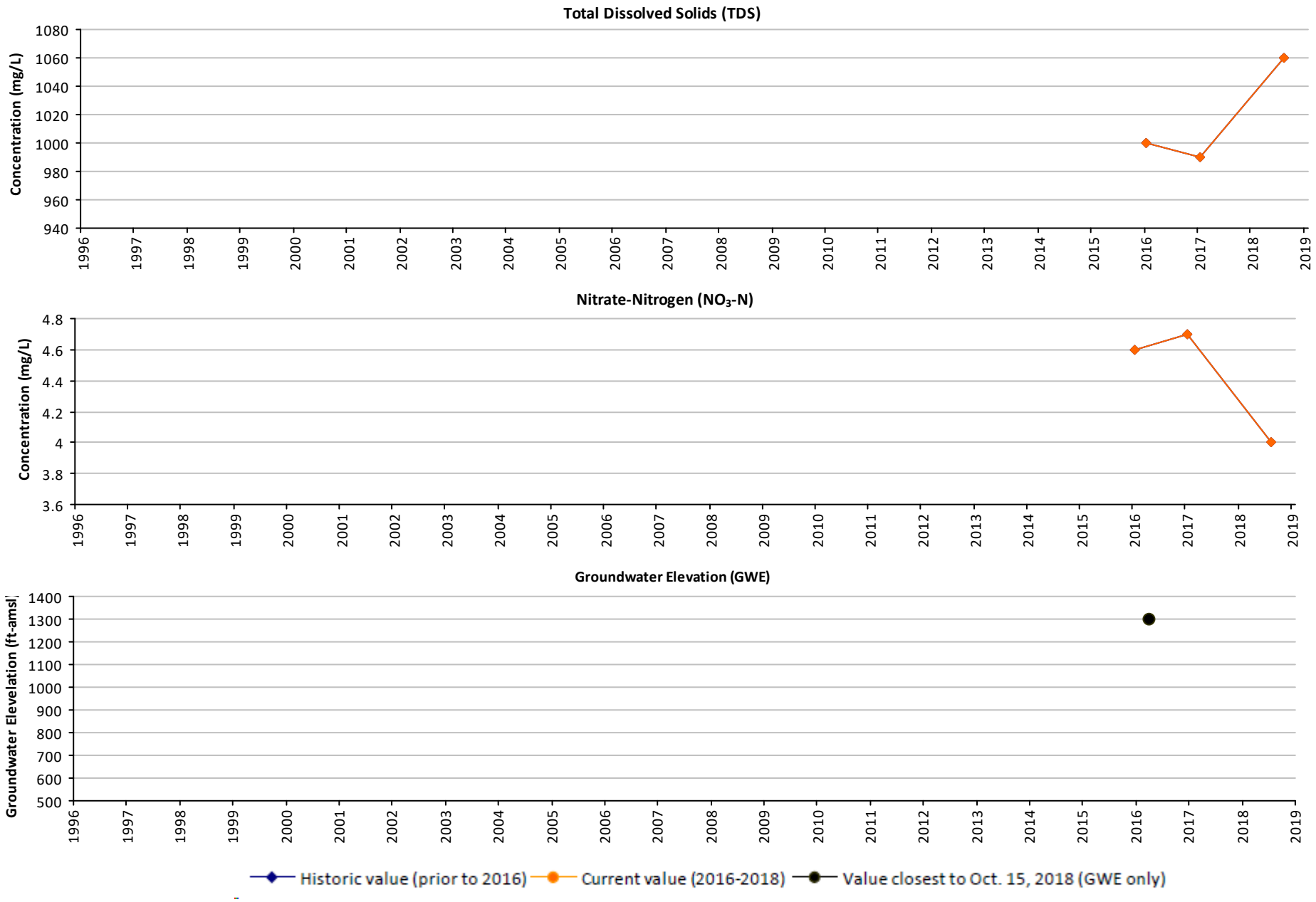

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

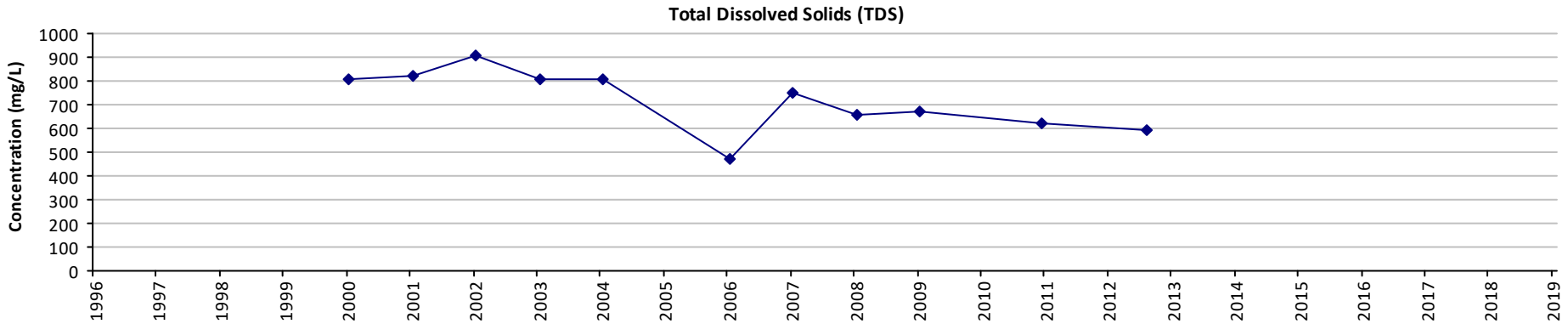

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

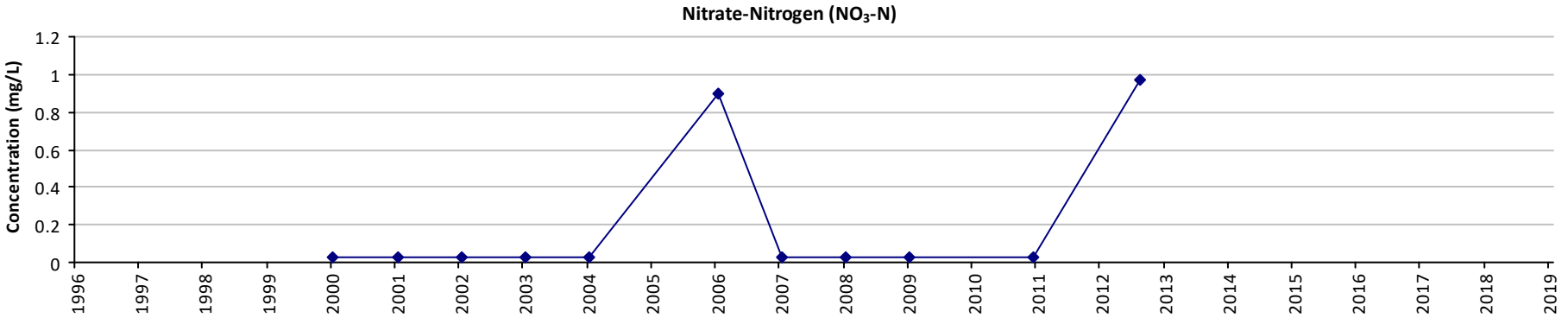

Total Dissolved Solids (TDS)
Concentration (mg/L)
2050
2000
1950
1900
1850
1800
1750
1700
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
15.5
15
14.5
14
13.5
13
12.5
12
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

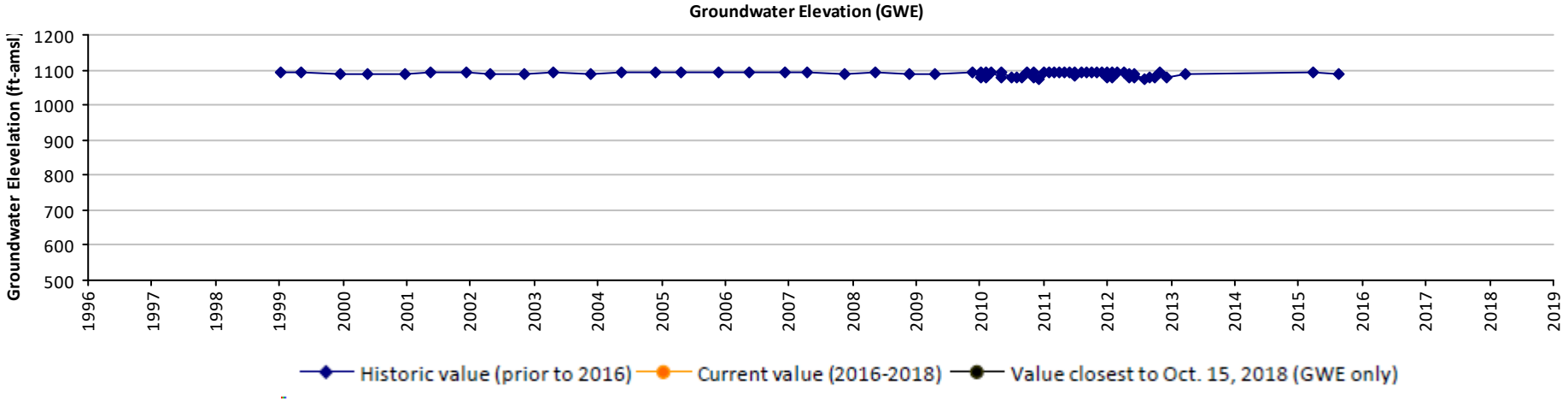

Total Dissolved Solids (TDS)
Concentration (mg/L)
1080
1060
1040
1020
1000
980
960
940
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.8
4.6
4.4
4.2
4
3.8
3.6
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

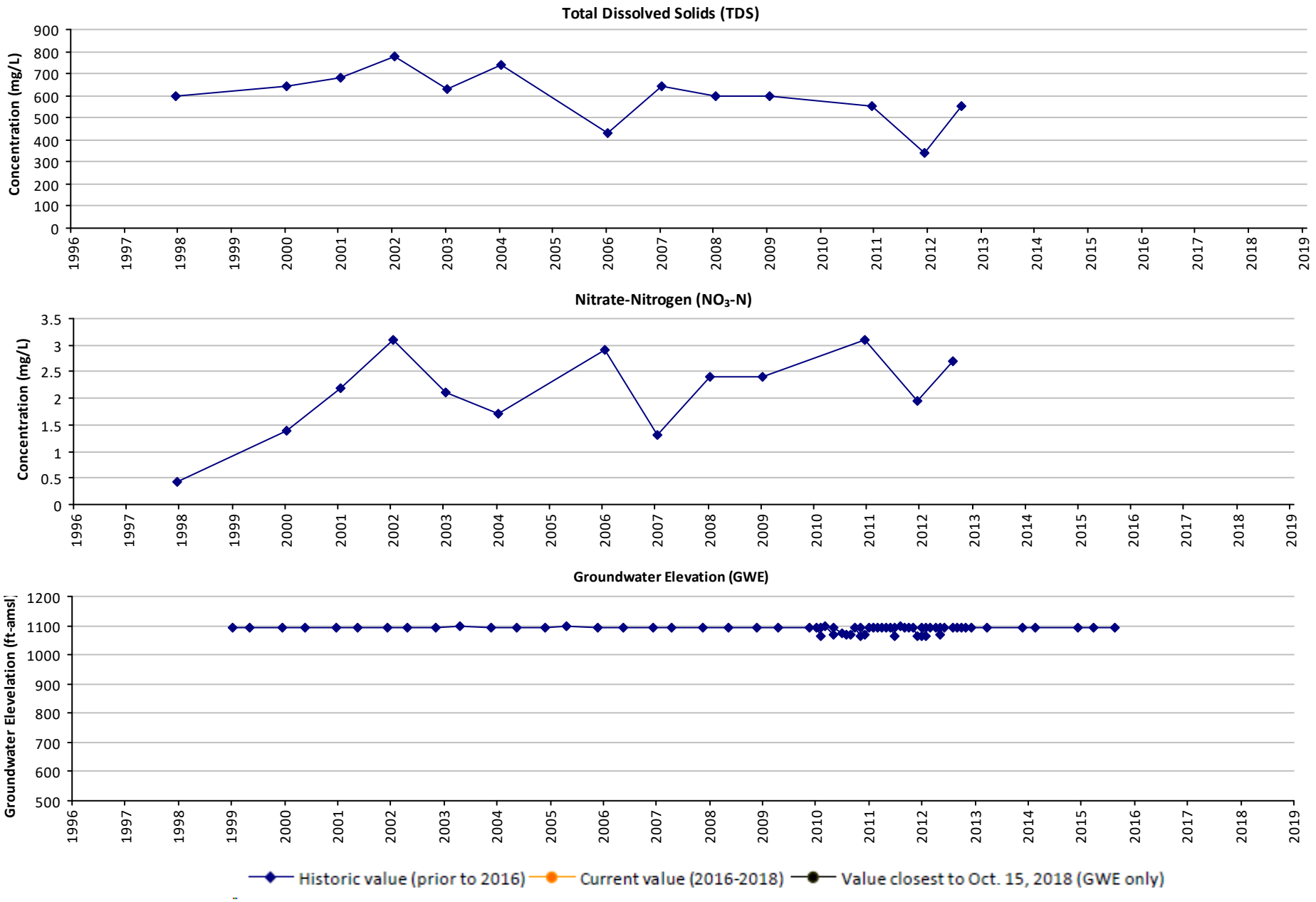
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

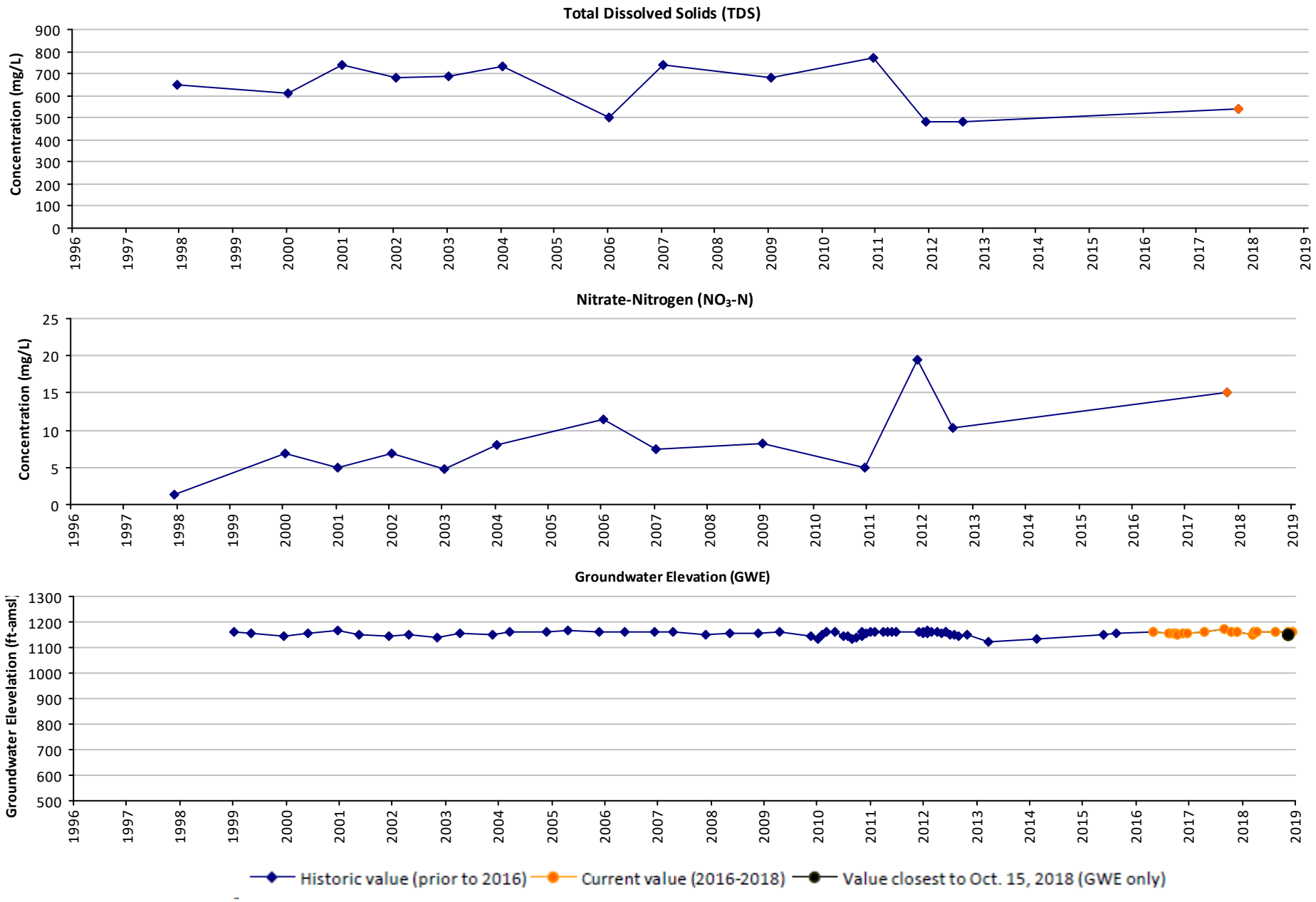
Well ID: 1005774
Management Zone: Lee Lake

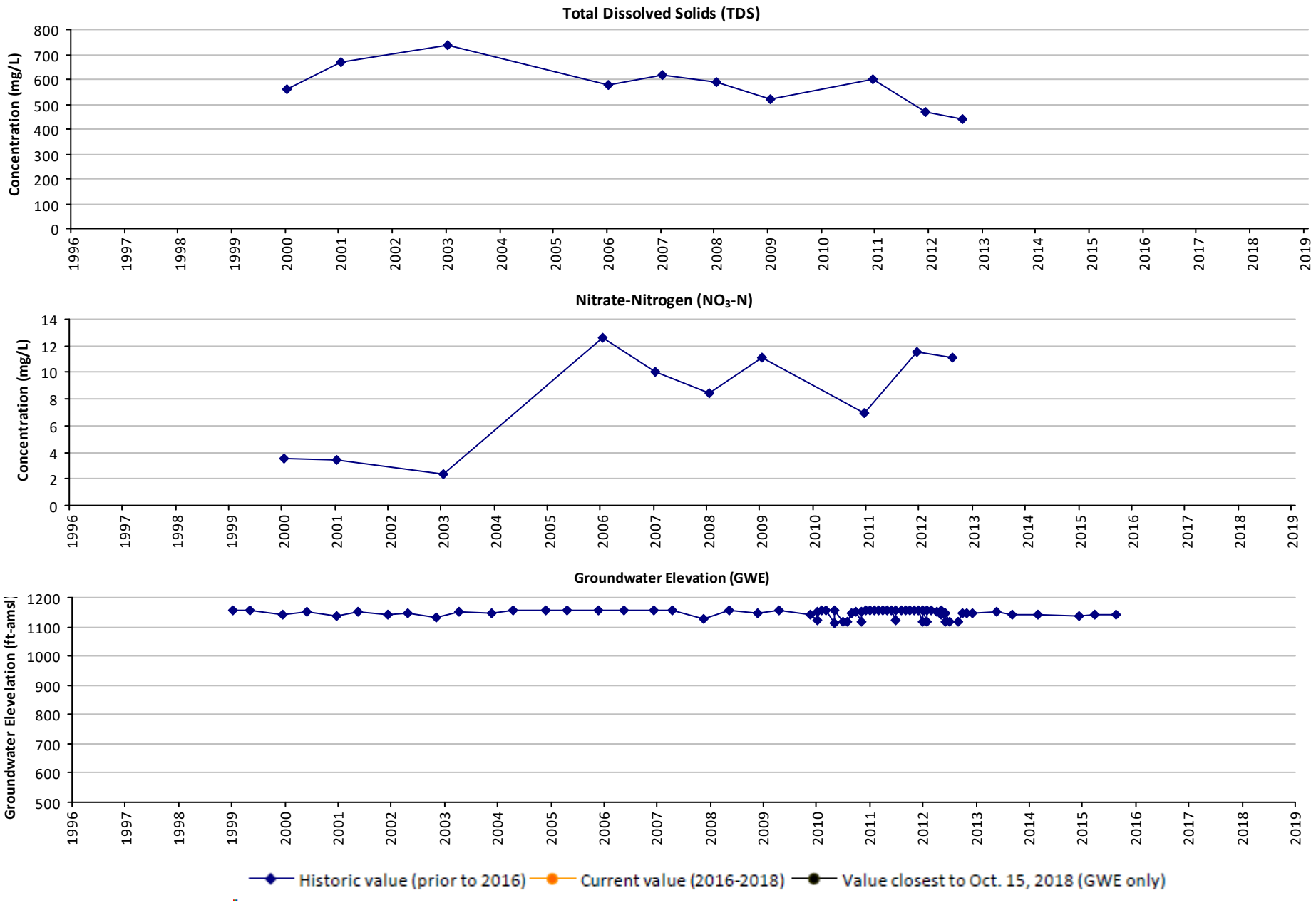


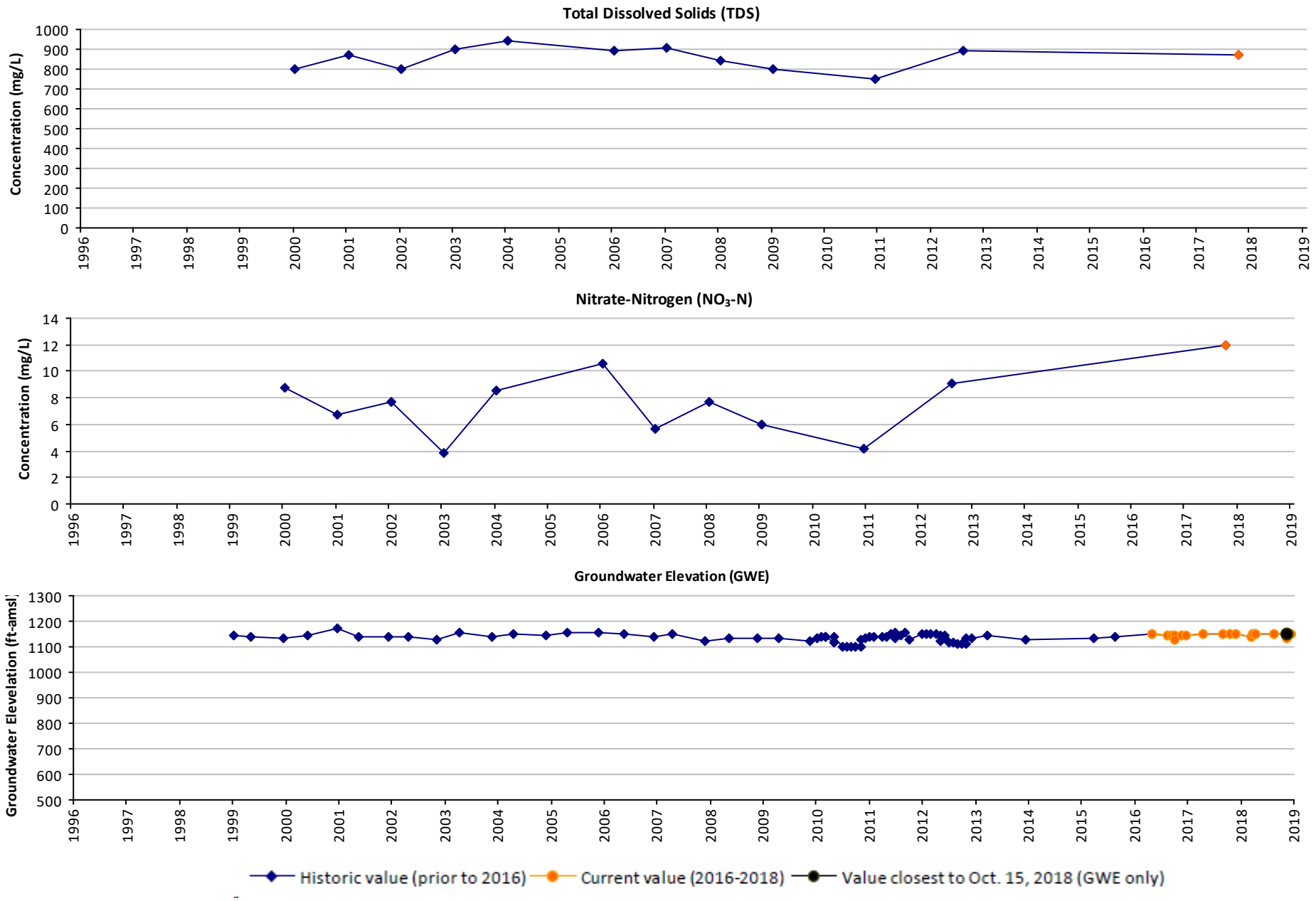


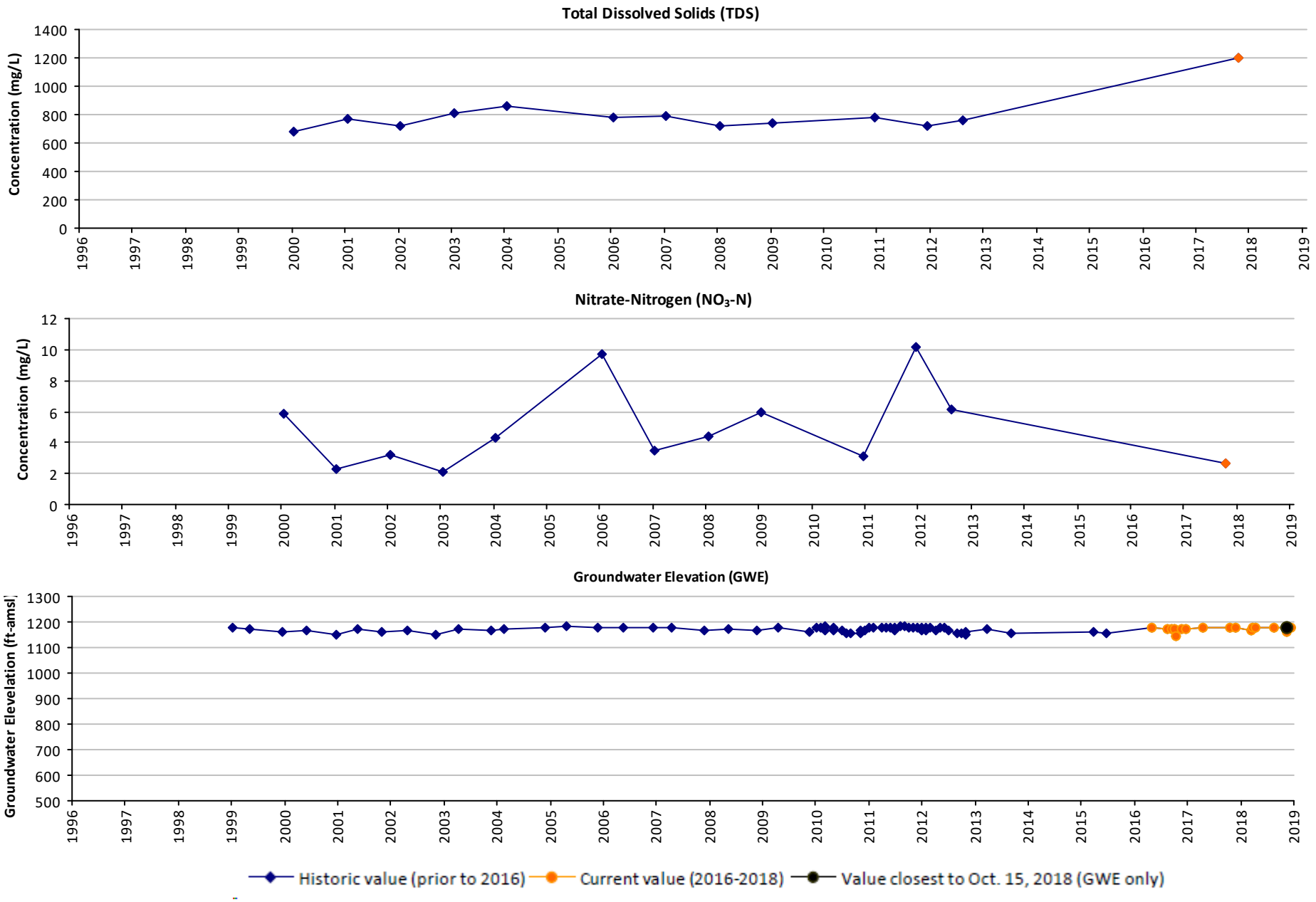


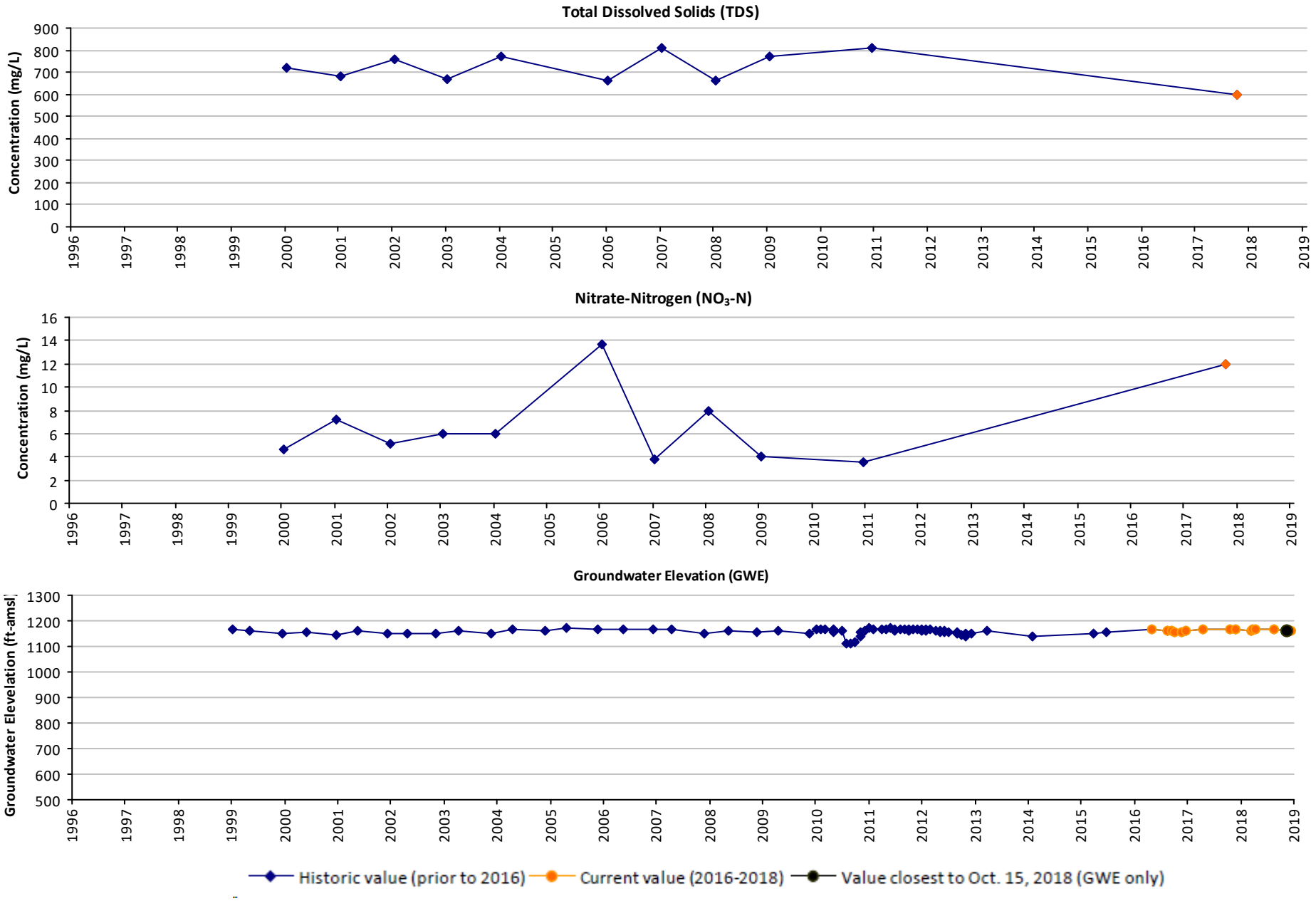

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

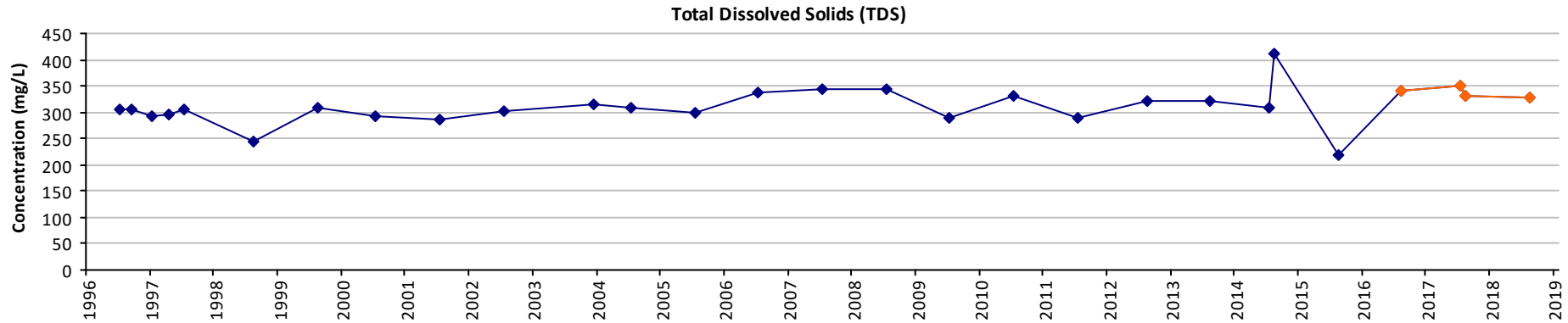

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

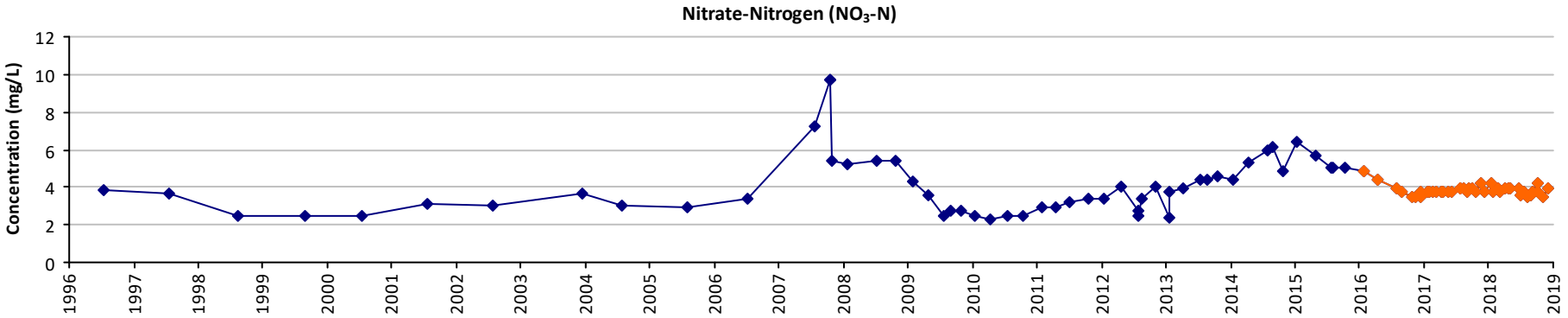

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

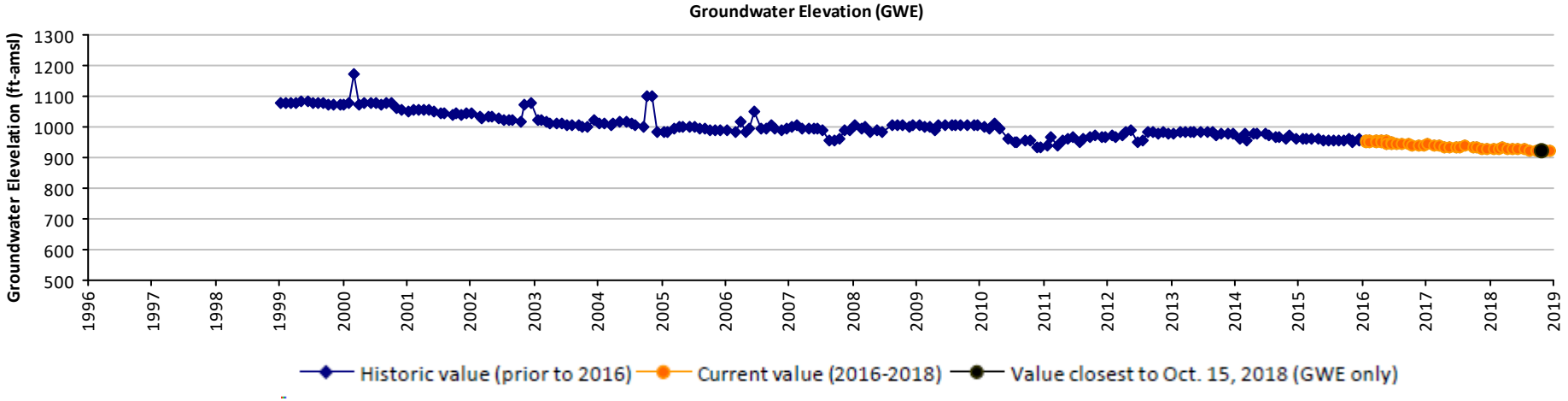

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

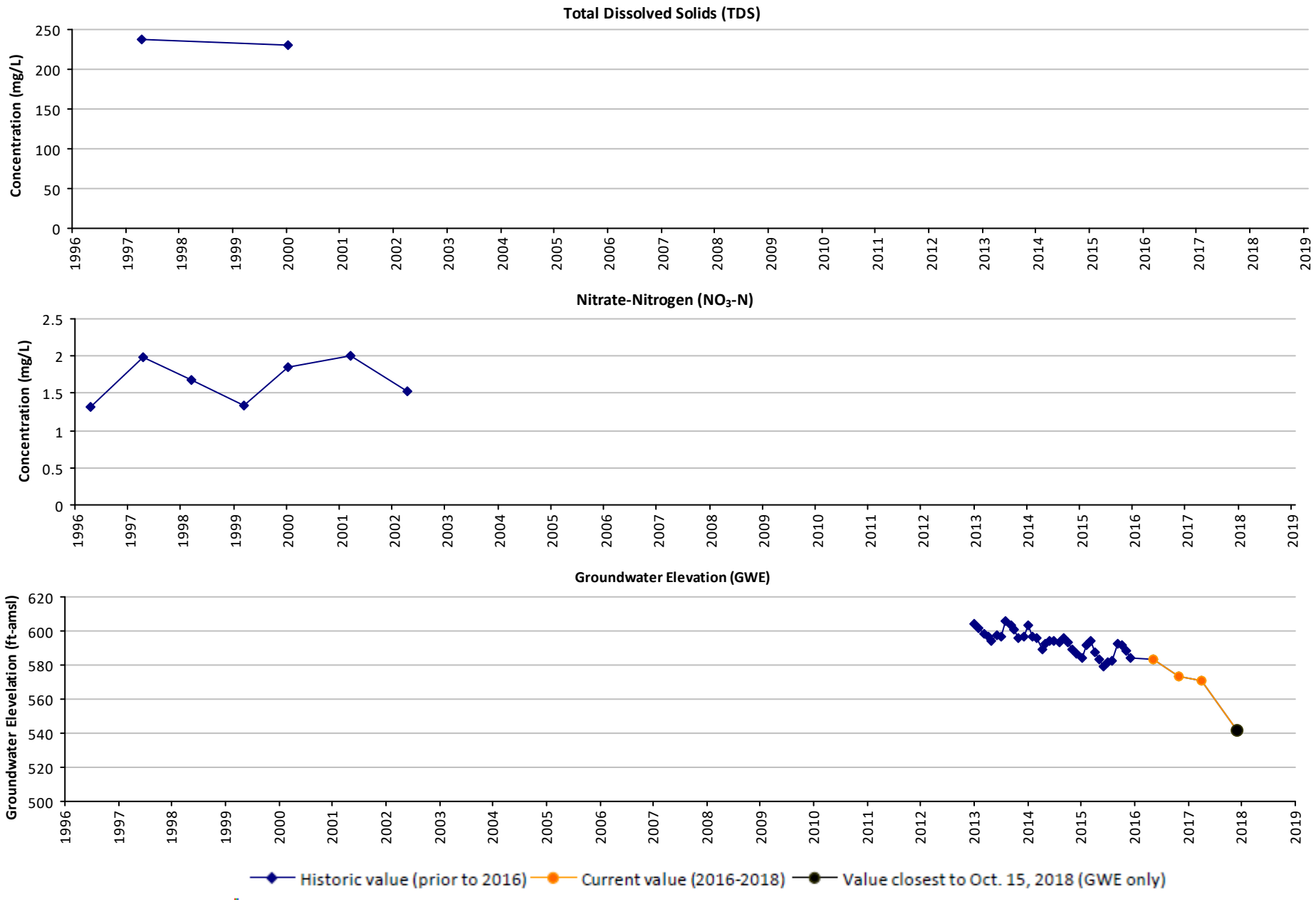
Well ID: 1000260
Management Zone: Lytle

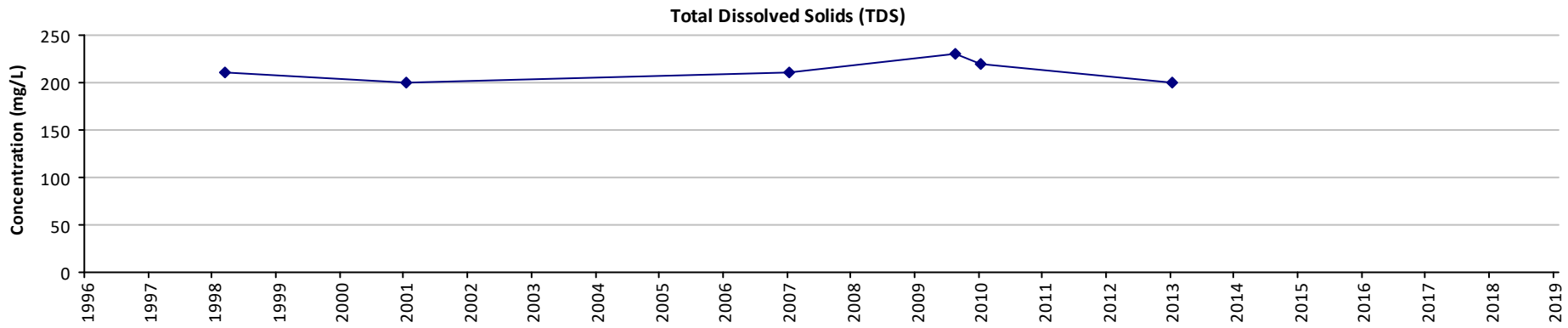


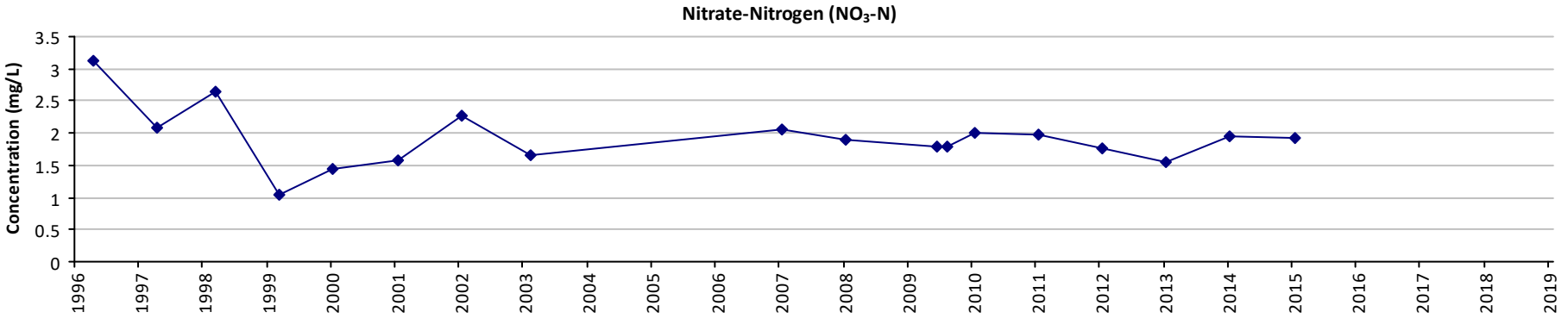


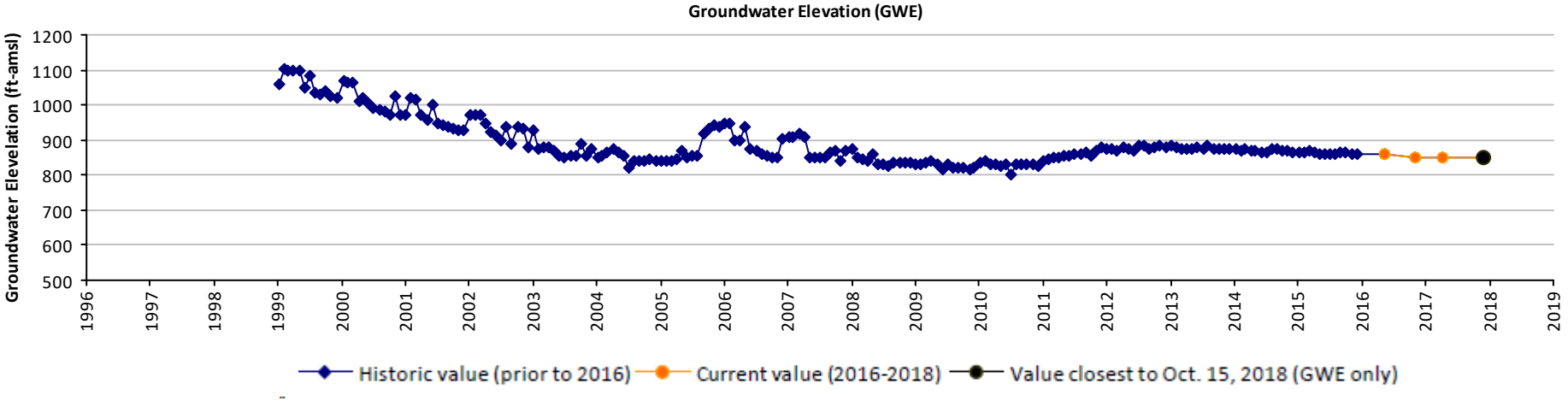


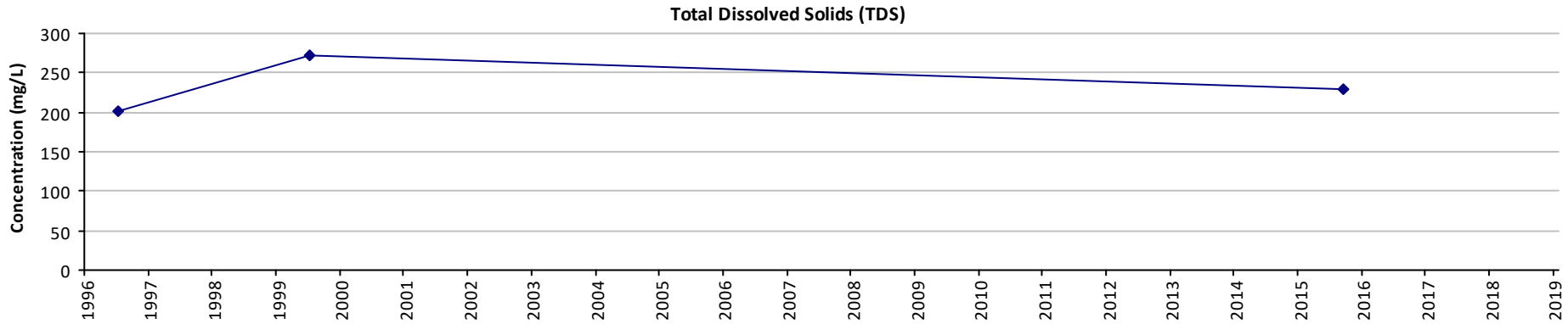
Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

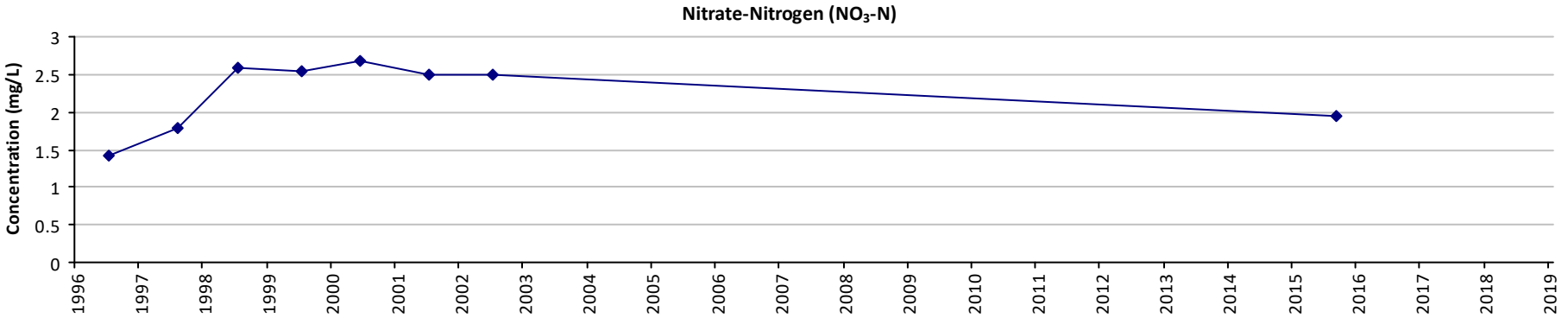

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

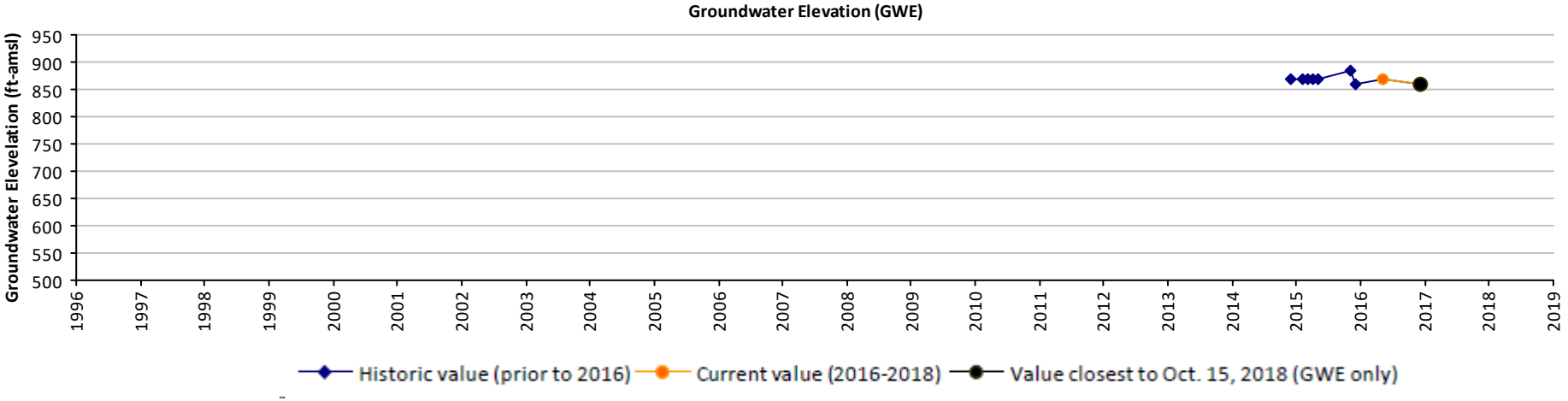

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

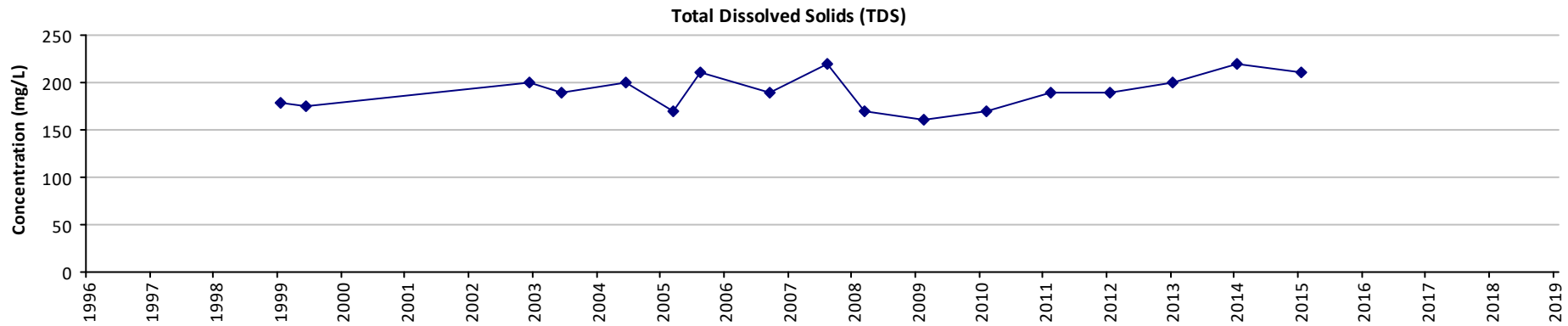

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

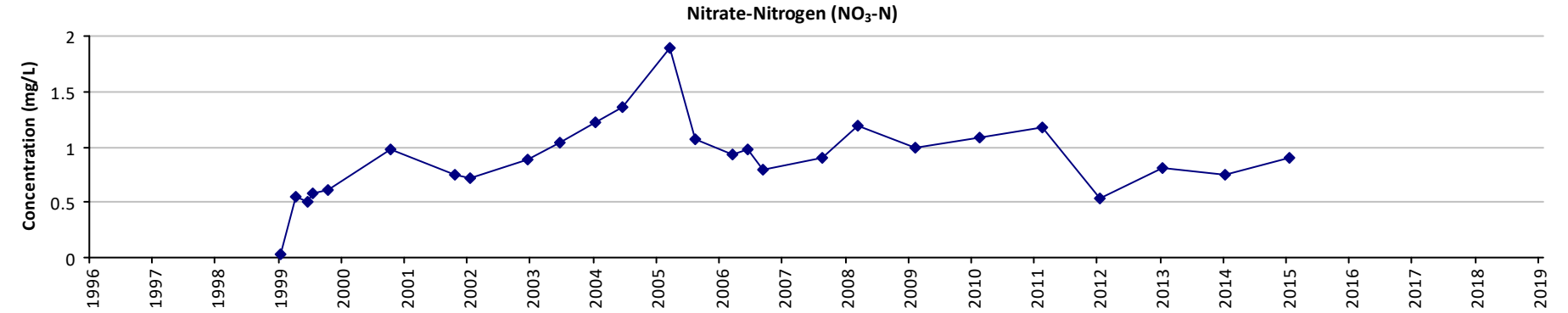

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

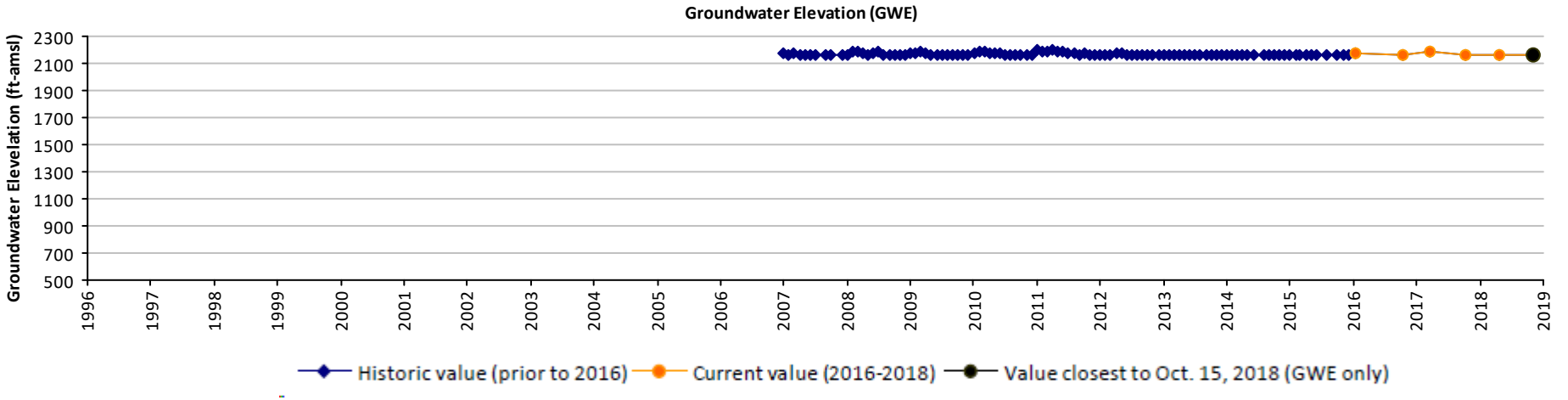

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

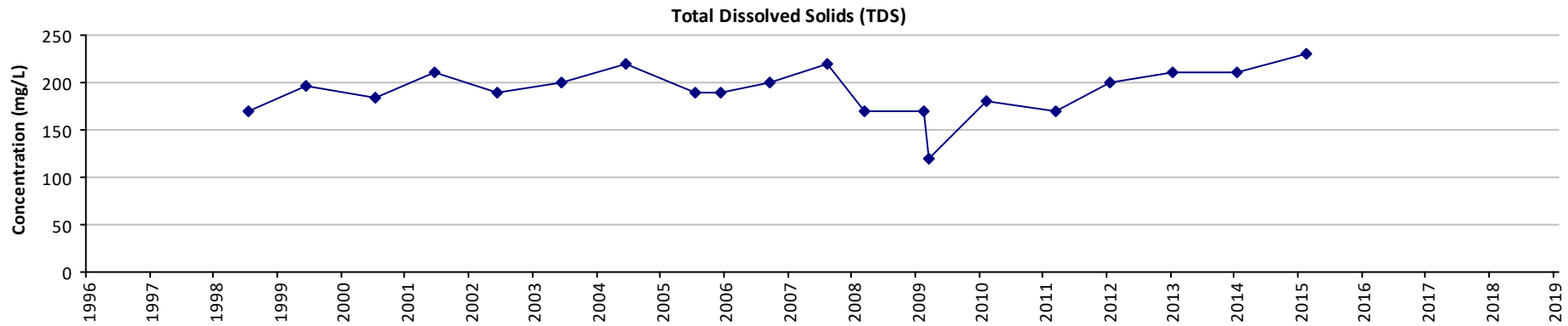

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

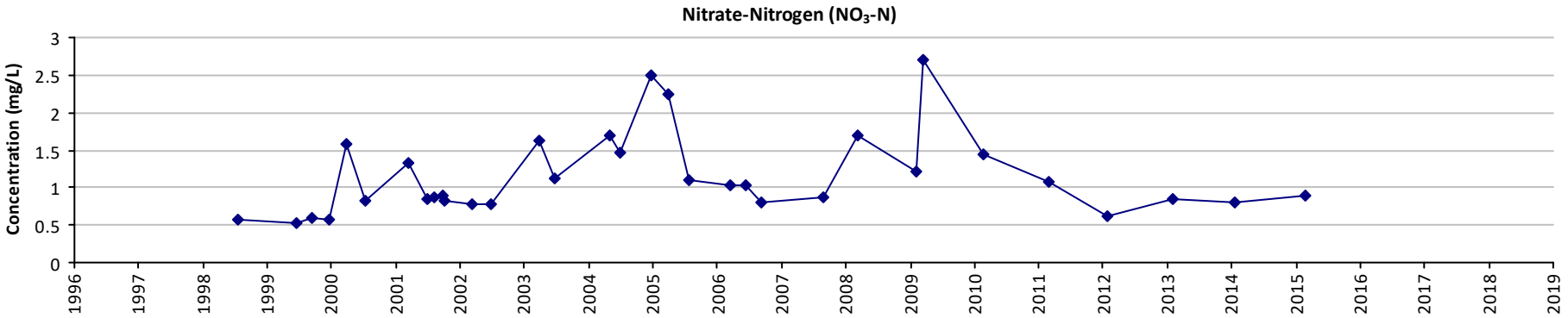

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

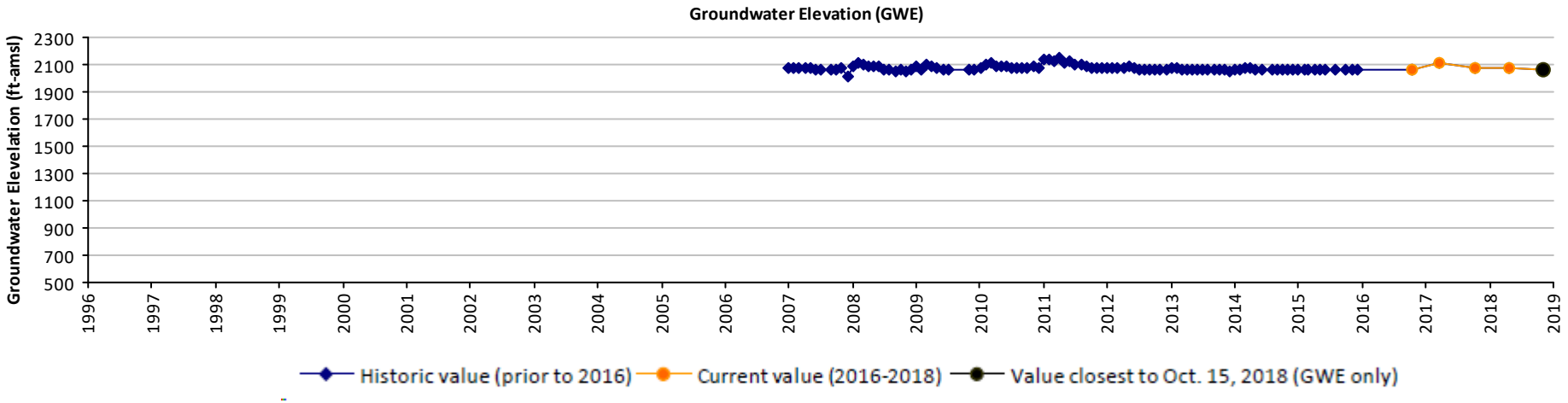

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

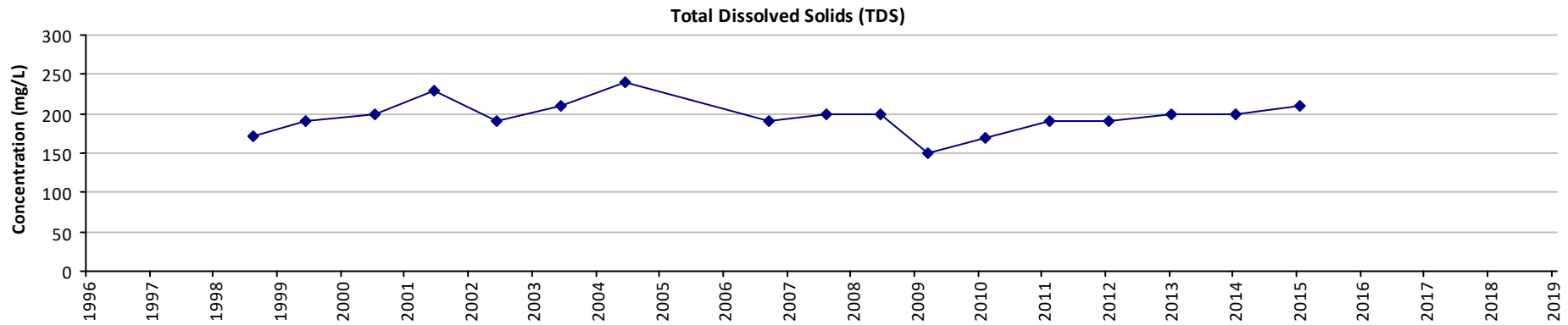

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

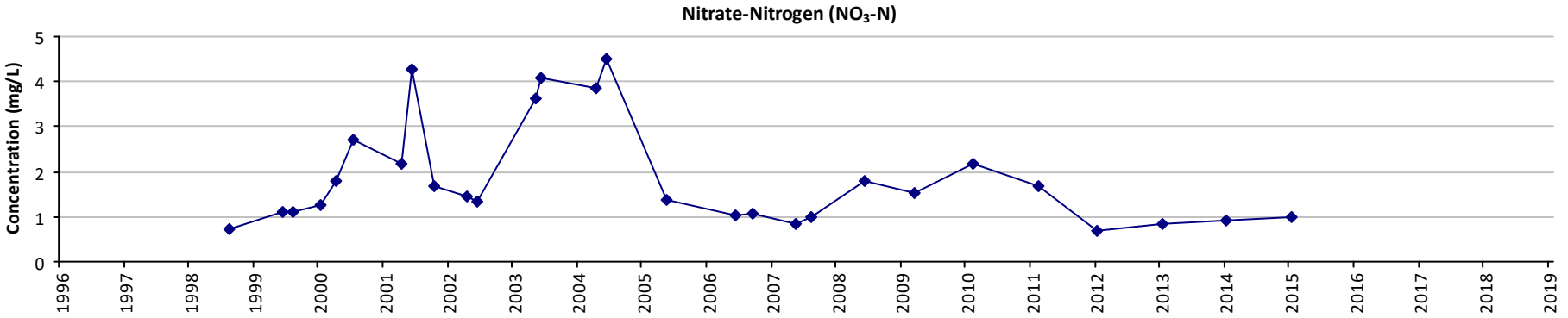

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

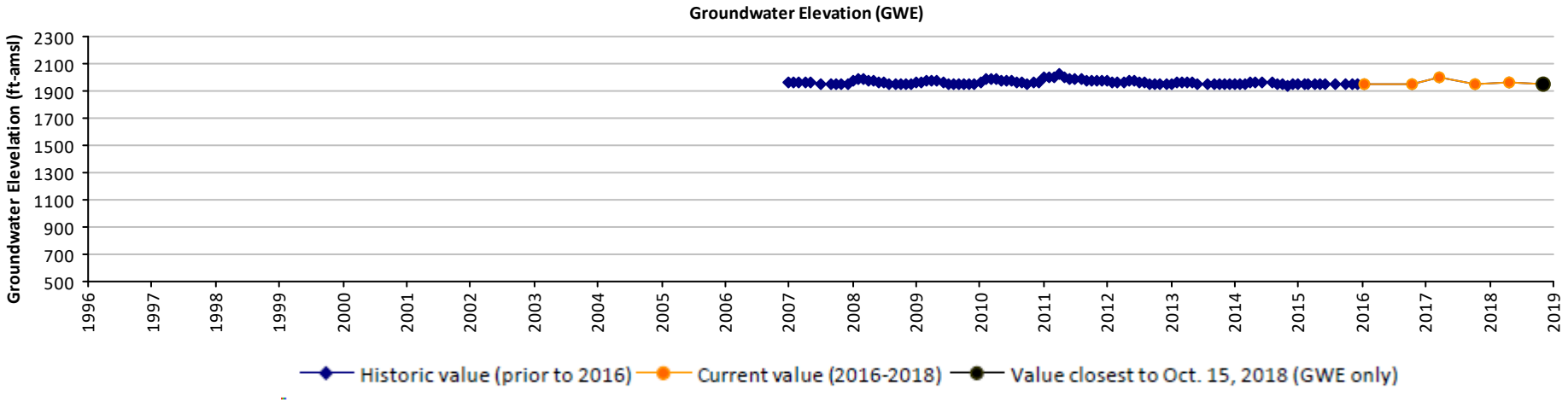

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

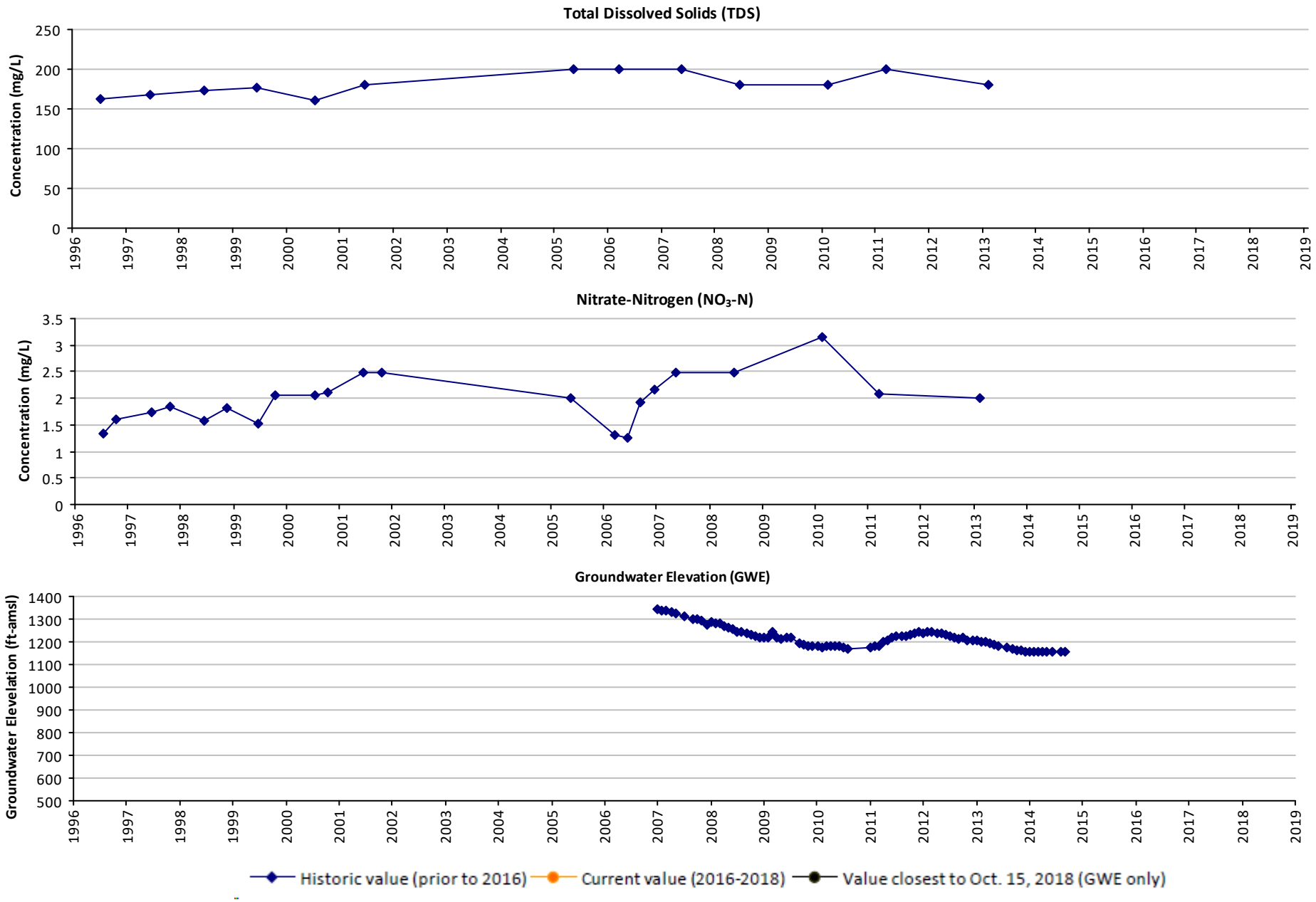

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

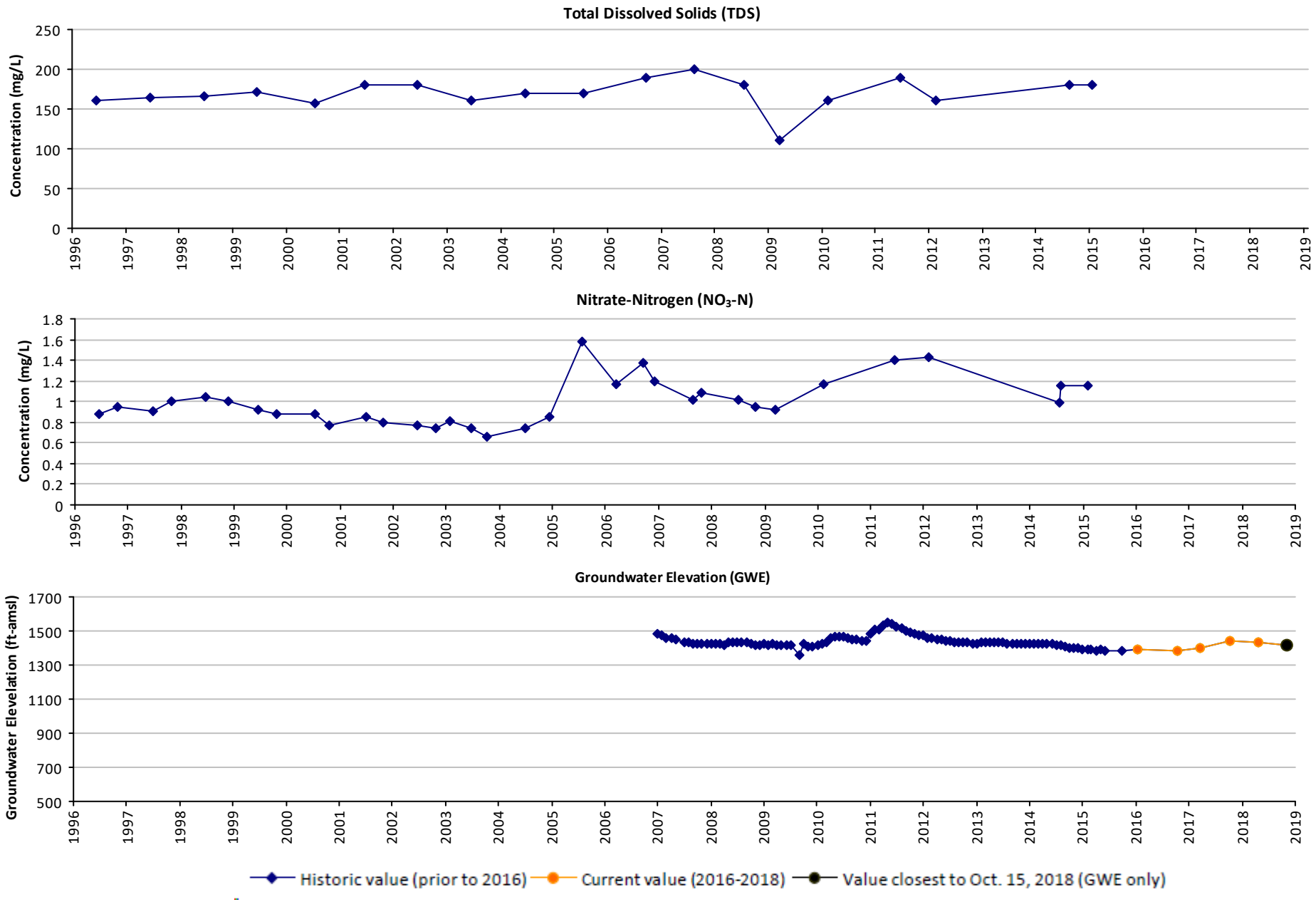

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

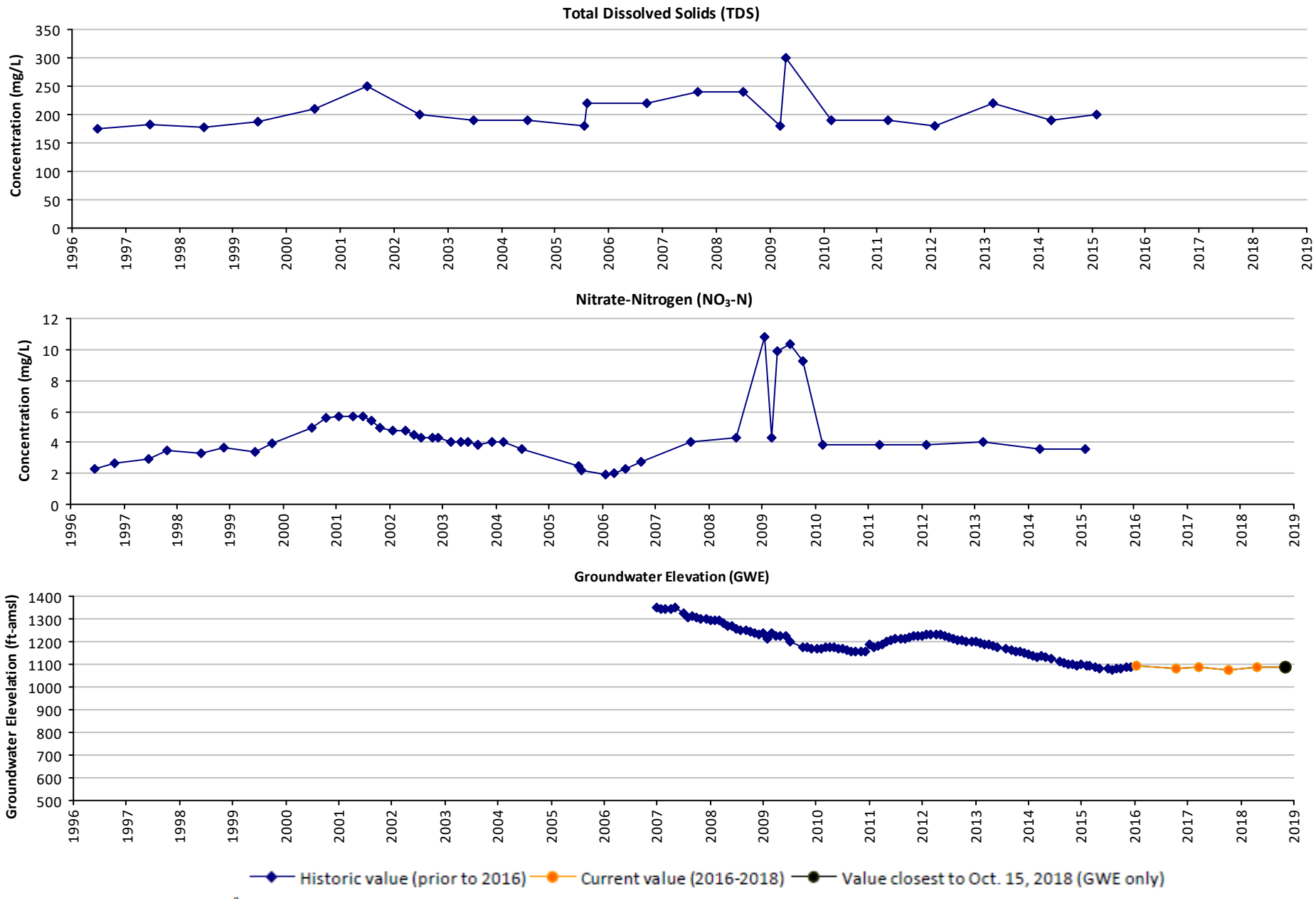

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

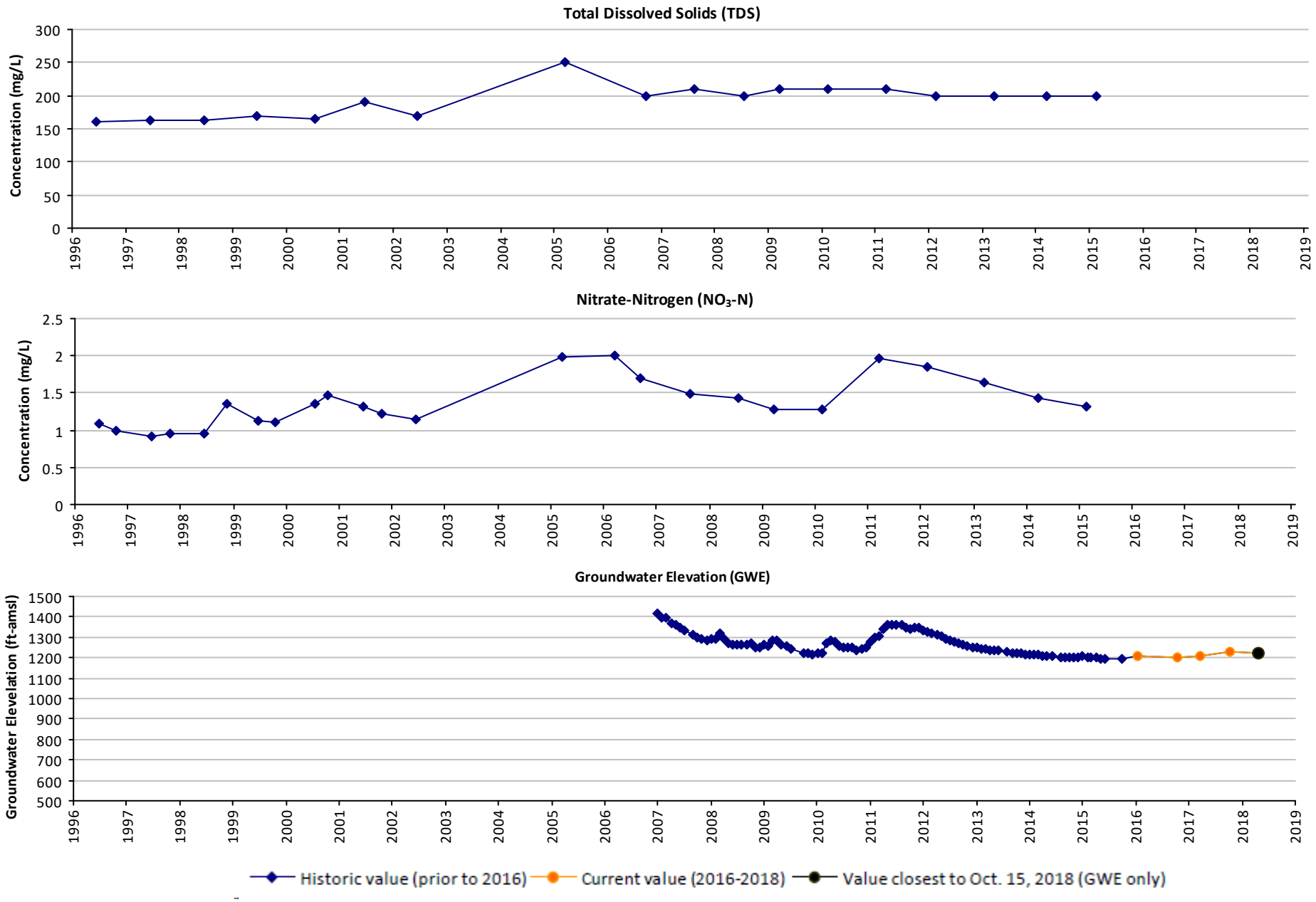

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

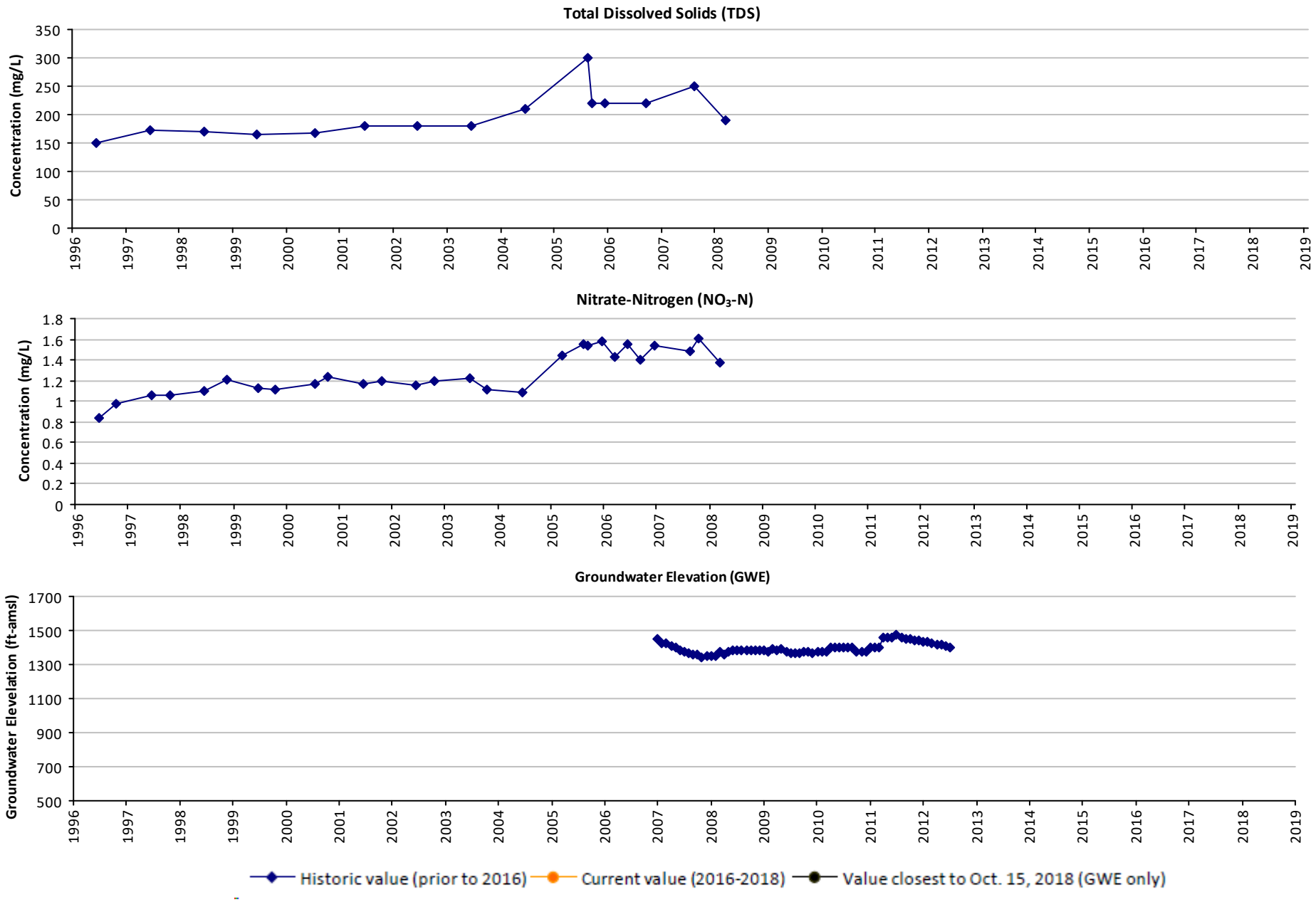

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

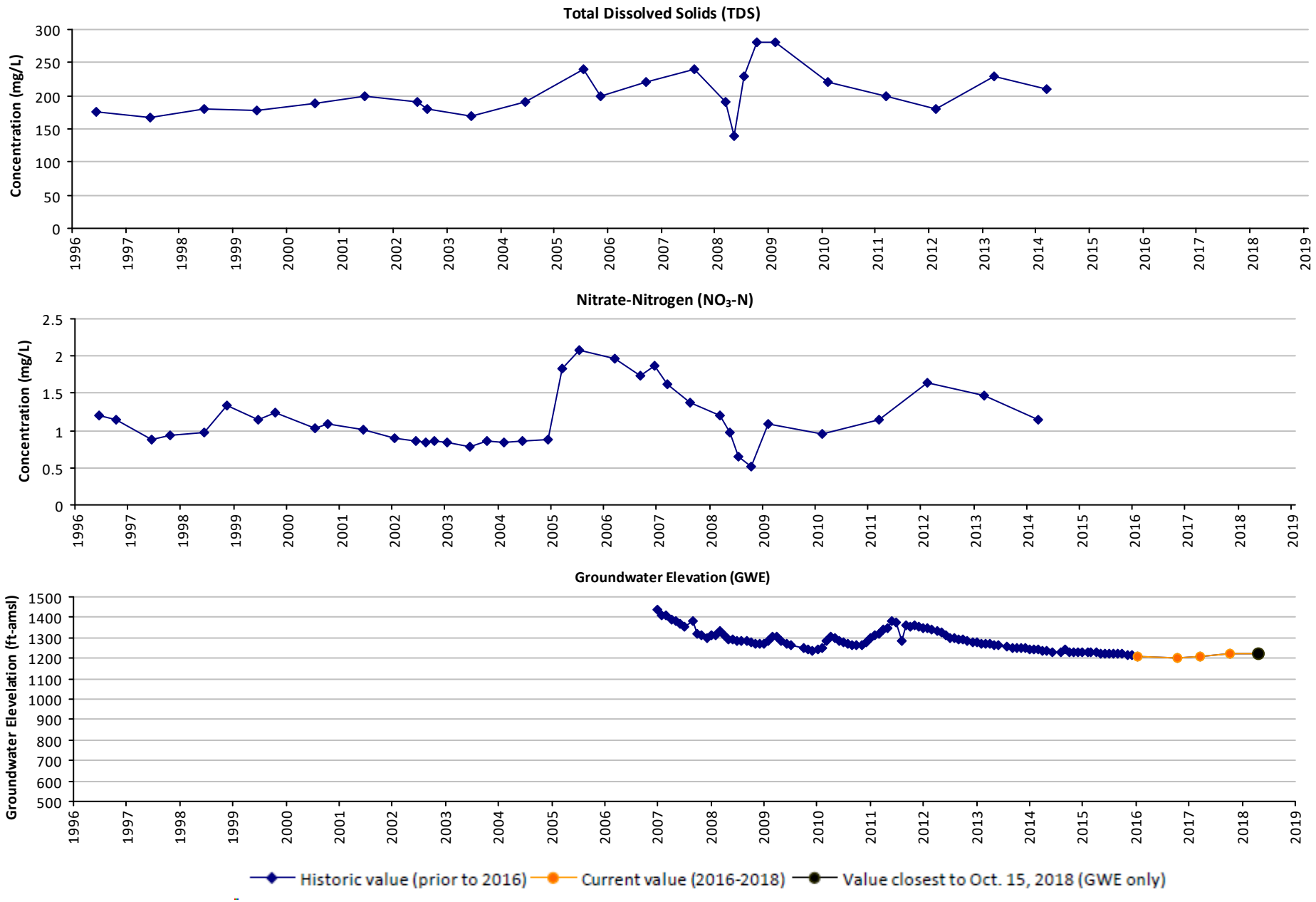

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

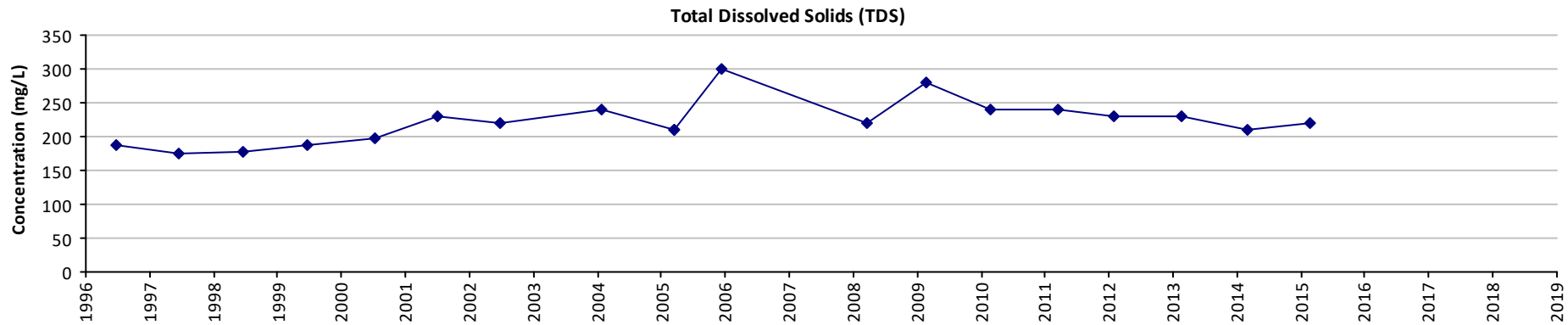

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

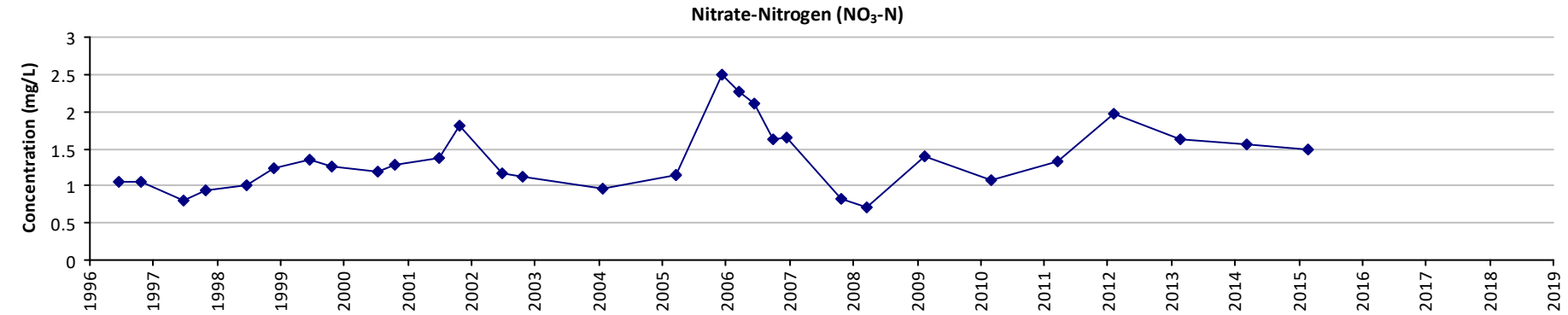

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

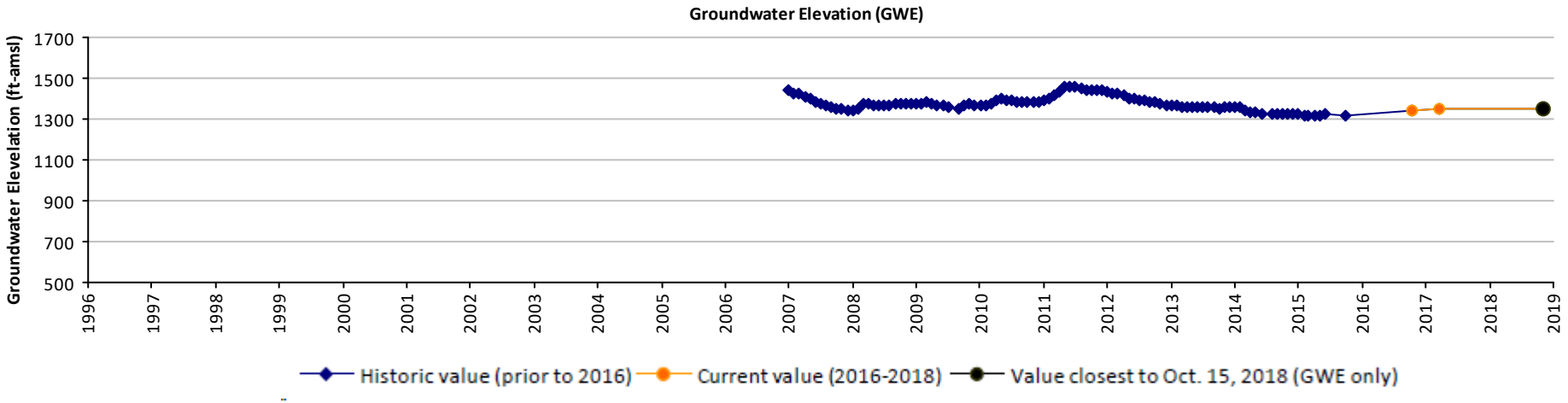

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

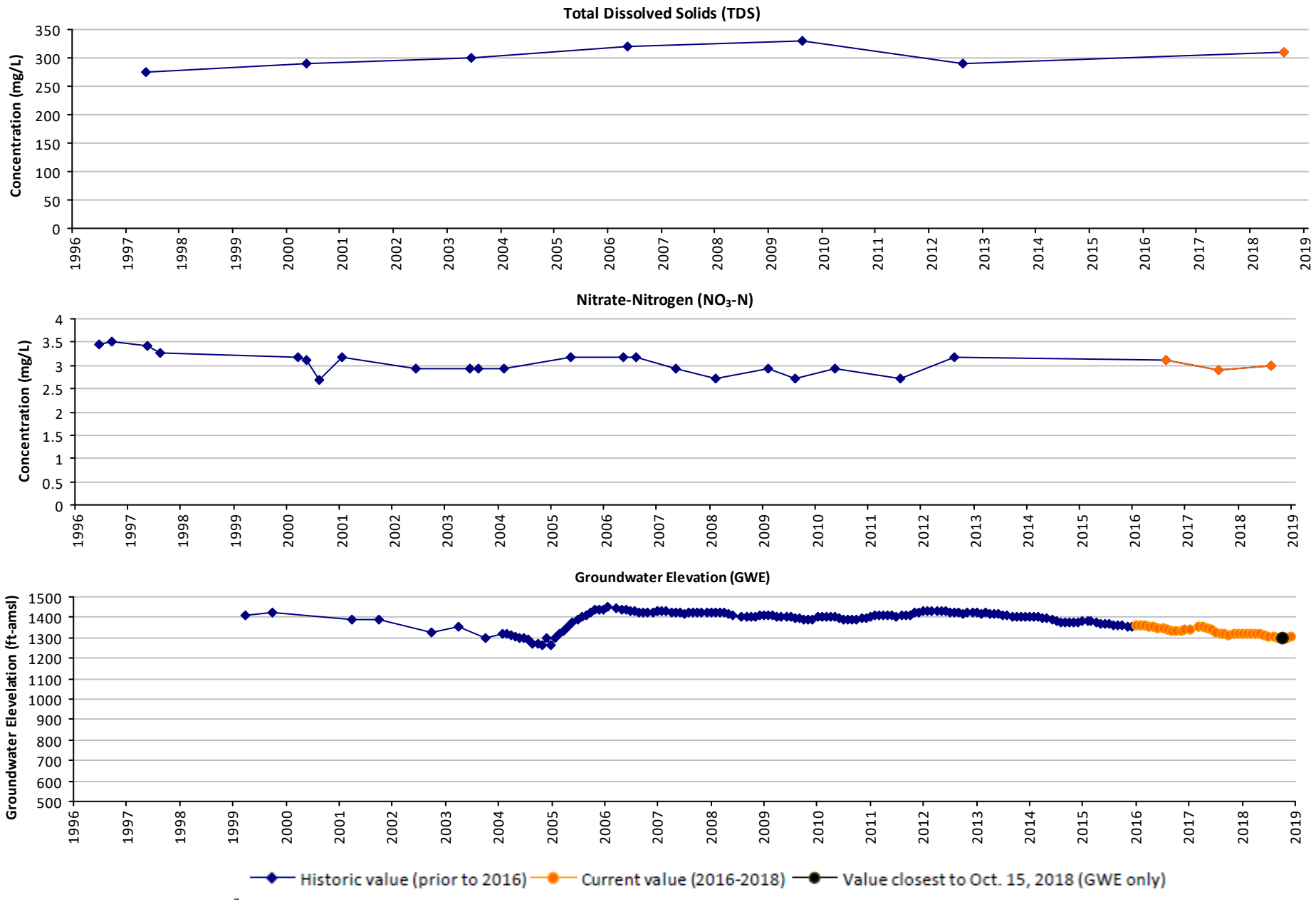

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

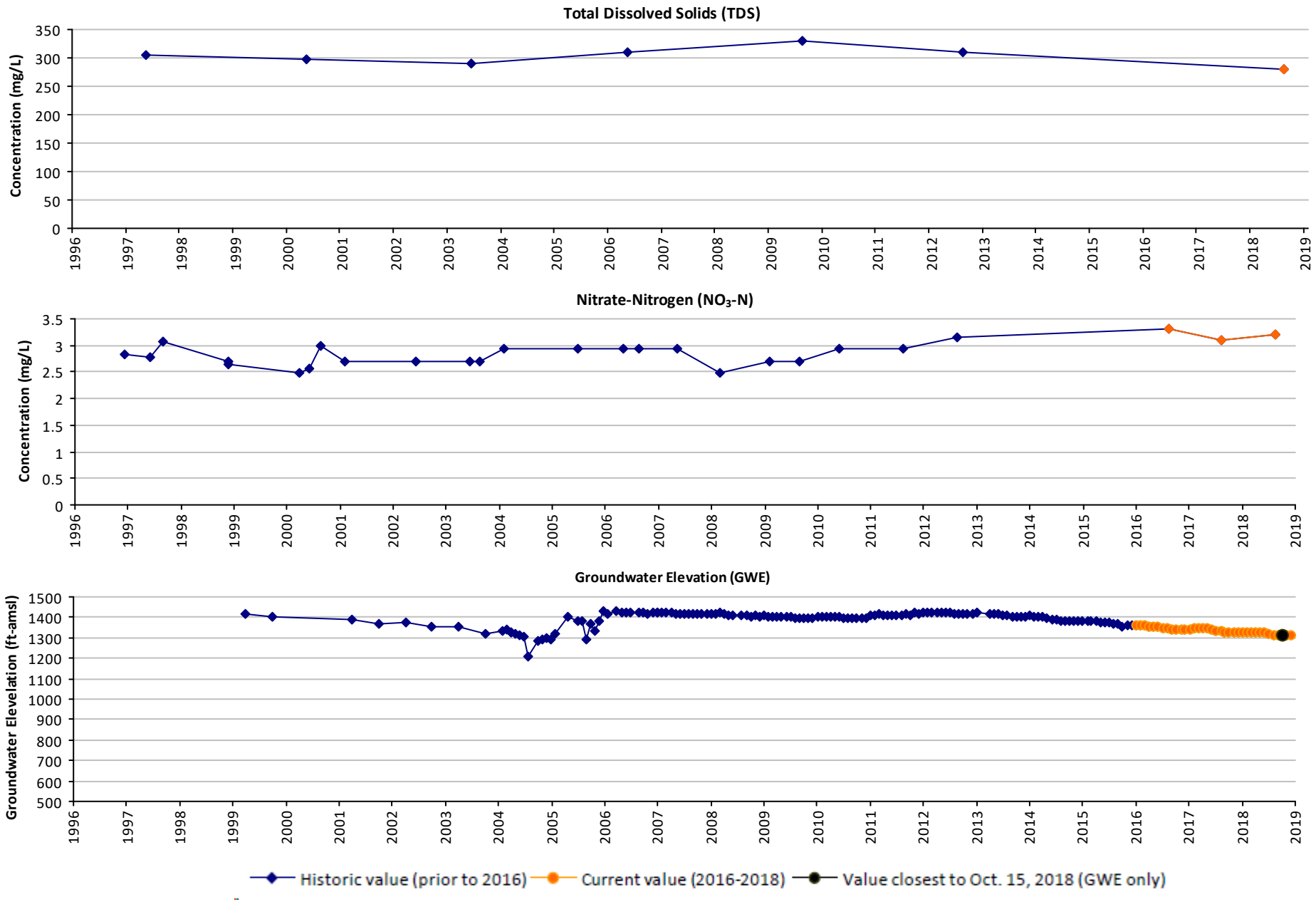

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

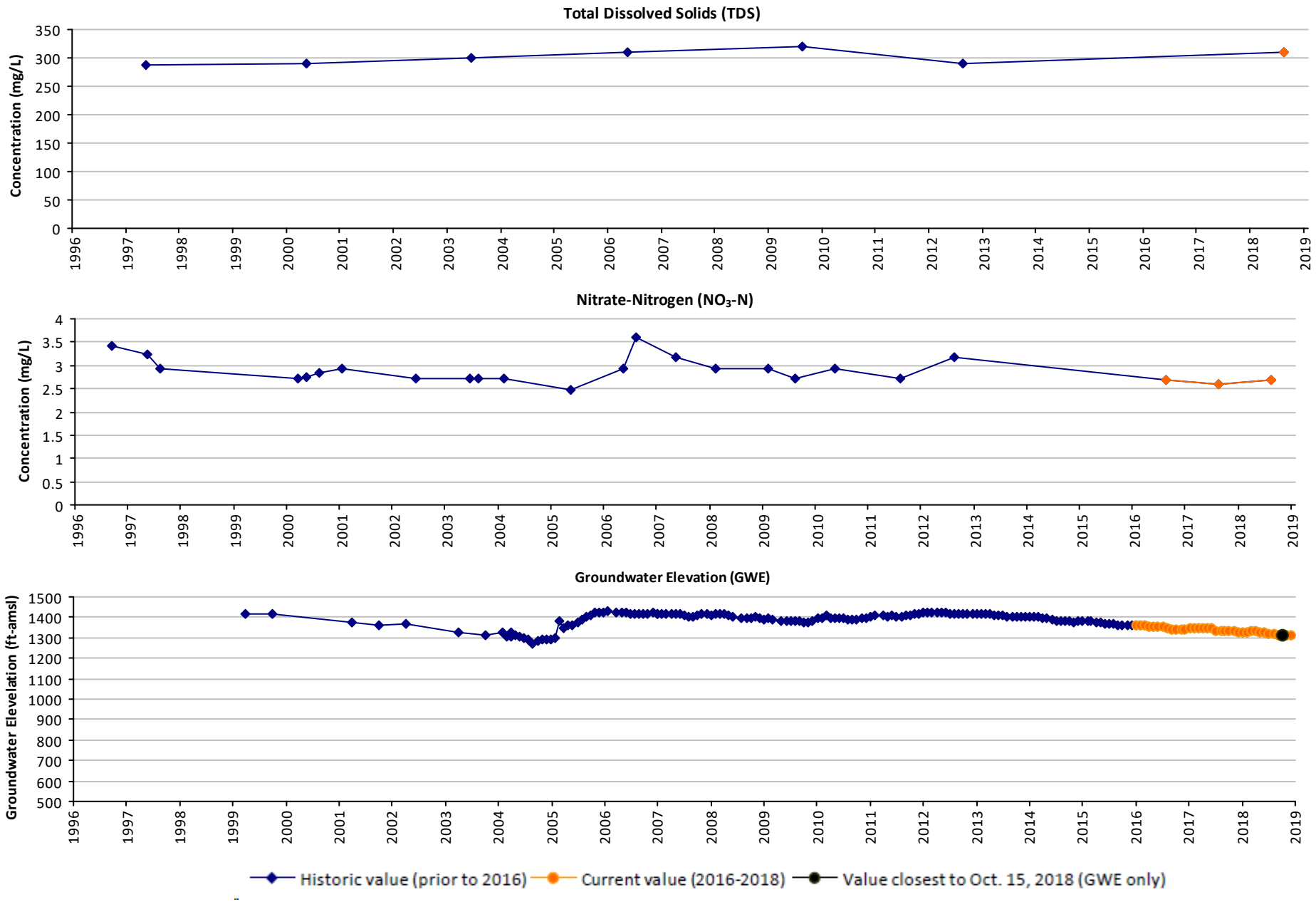

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

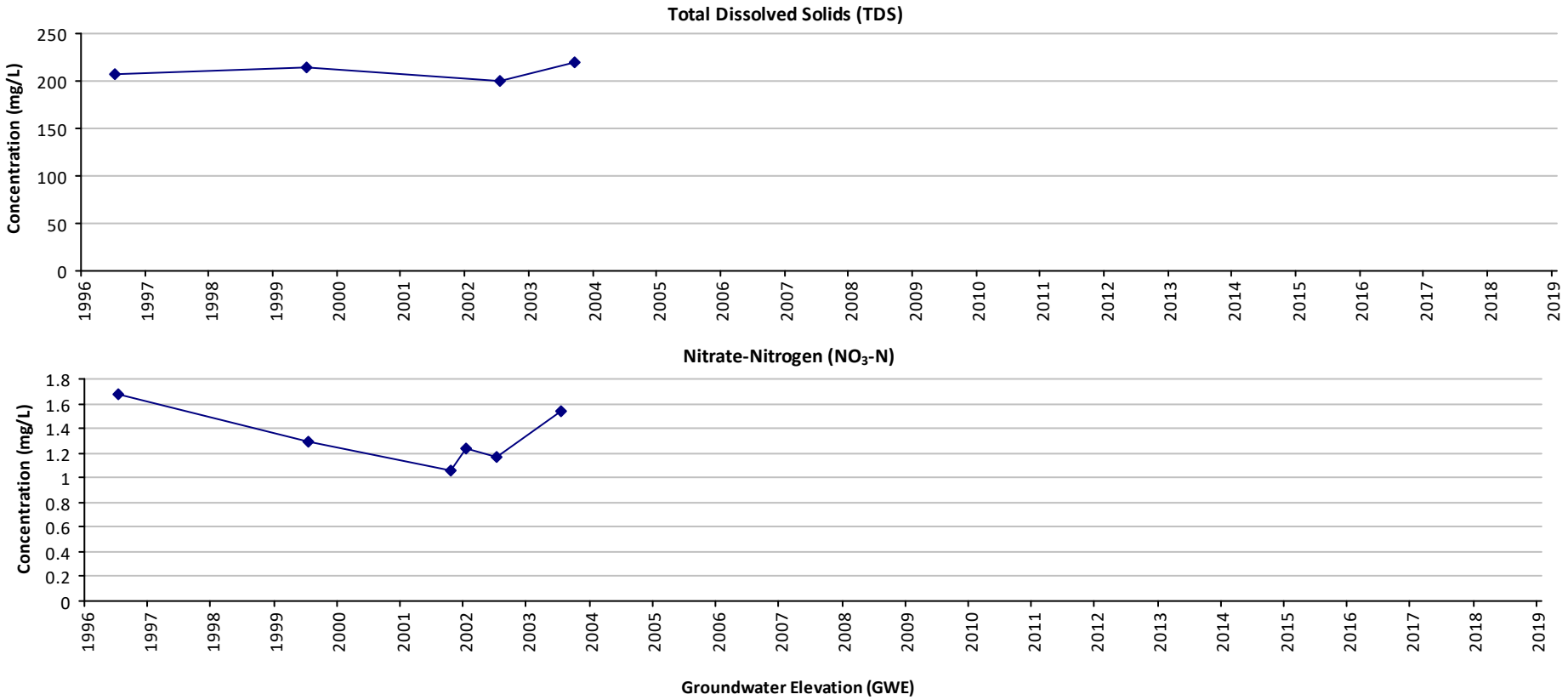

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

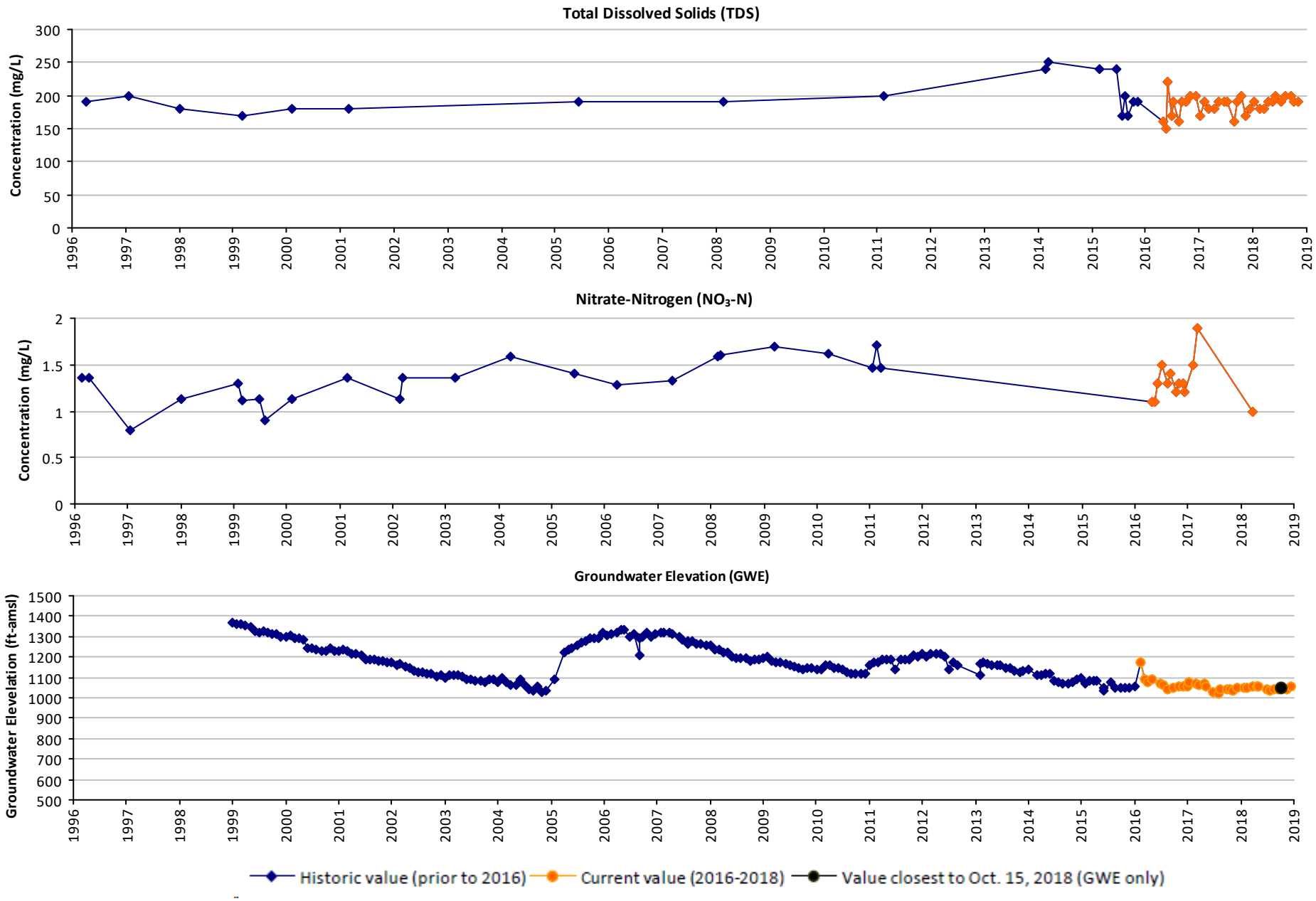

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

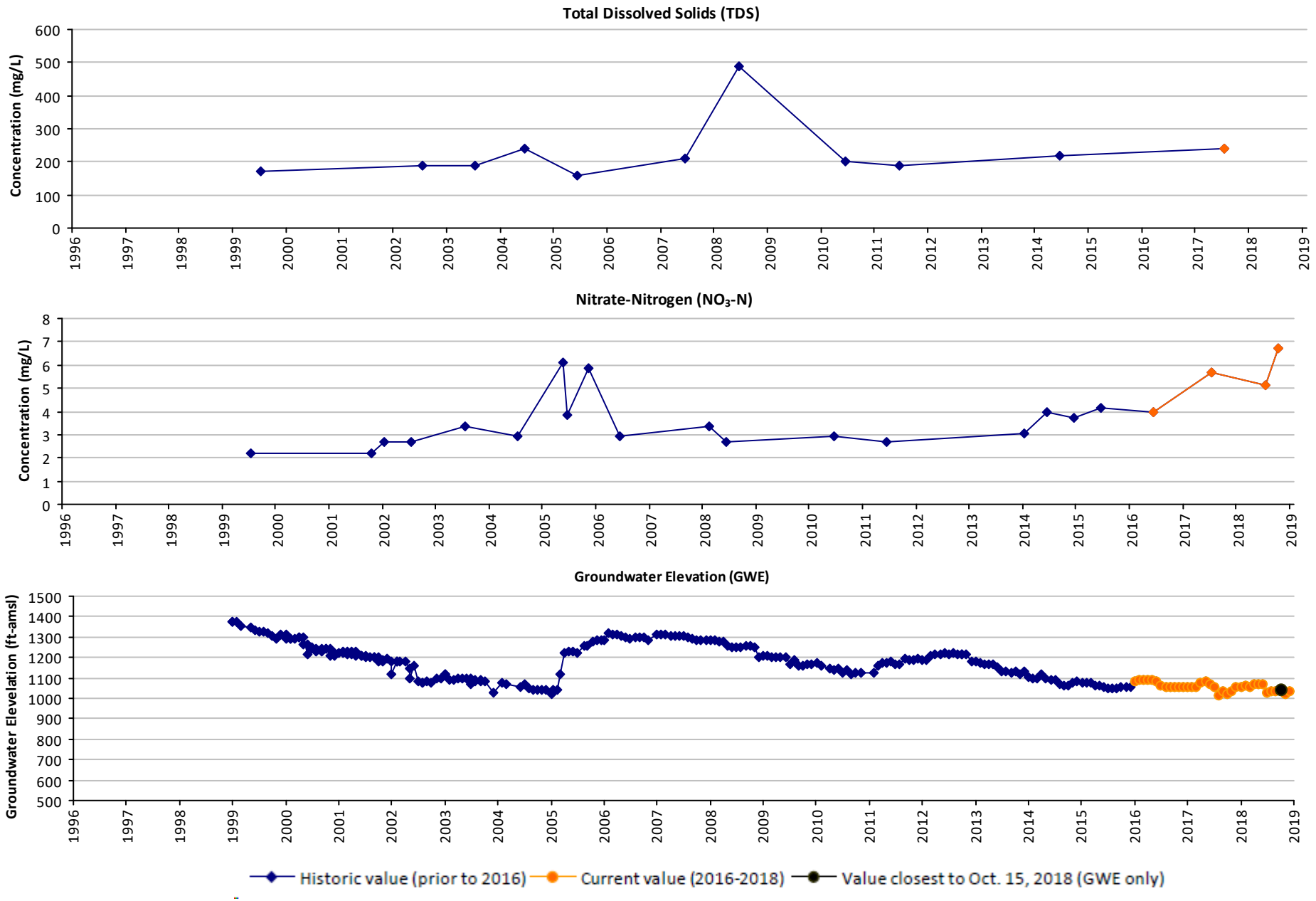

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

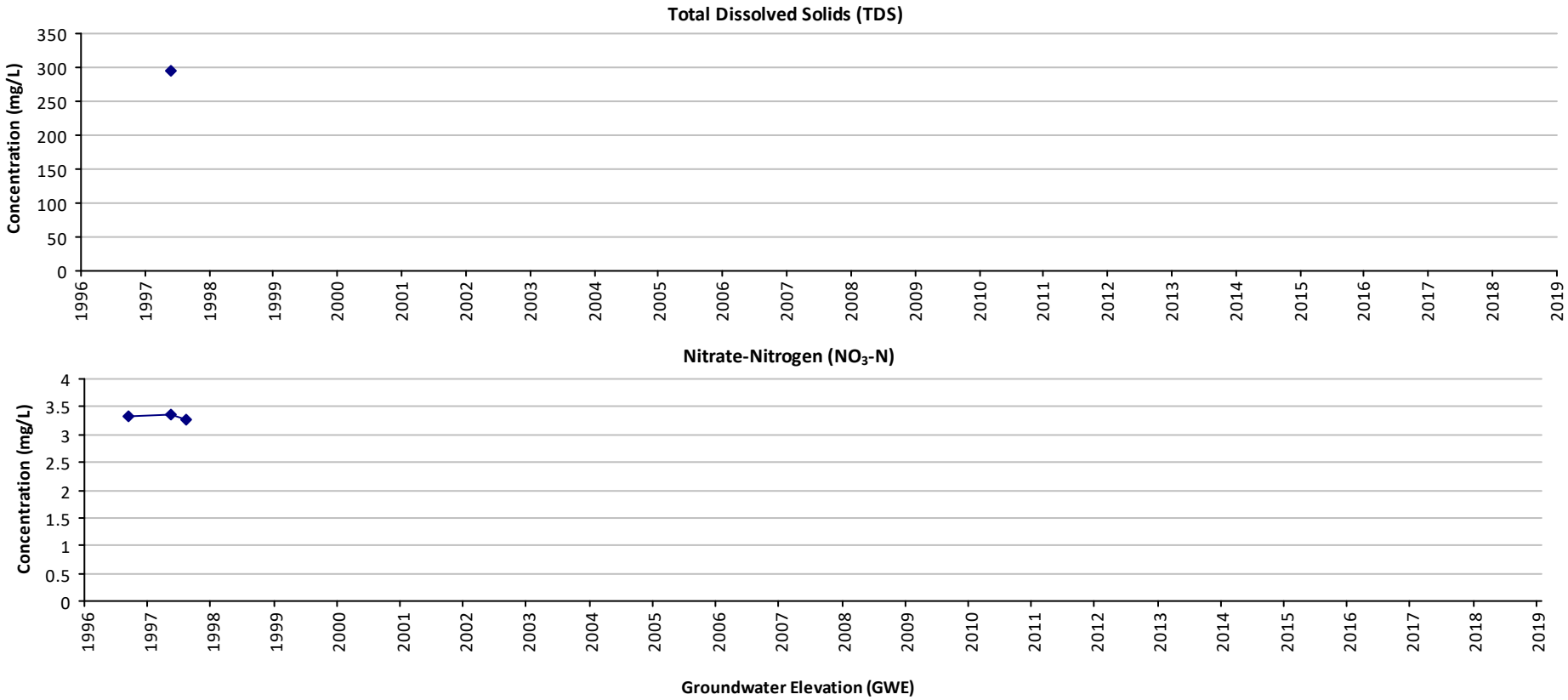

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

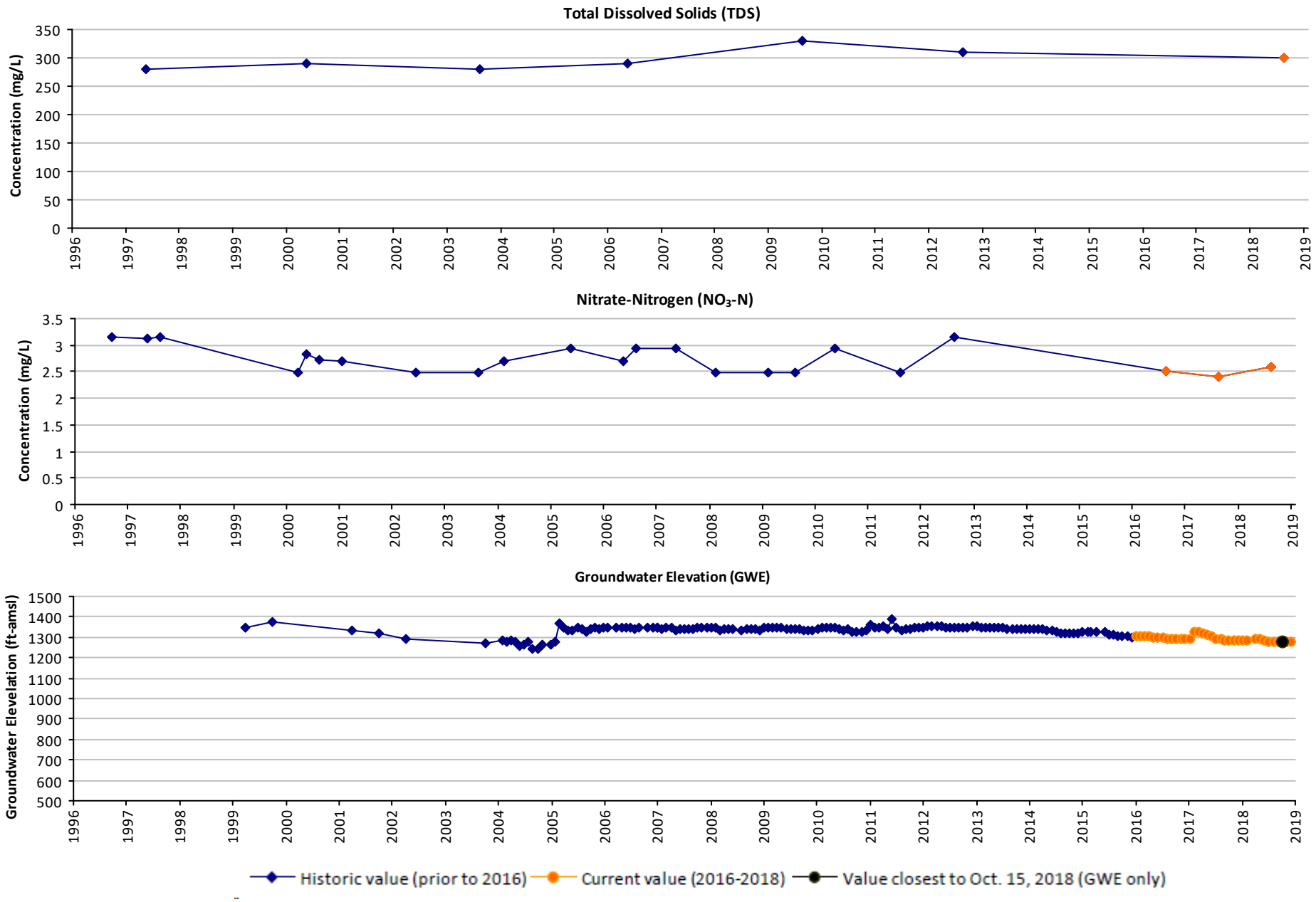

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

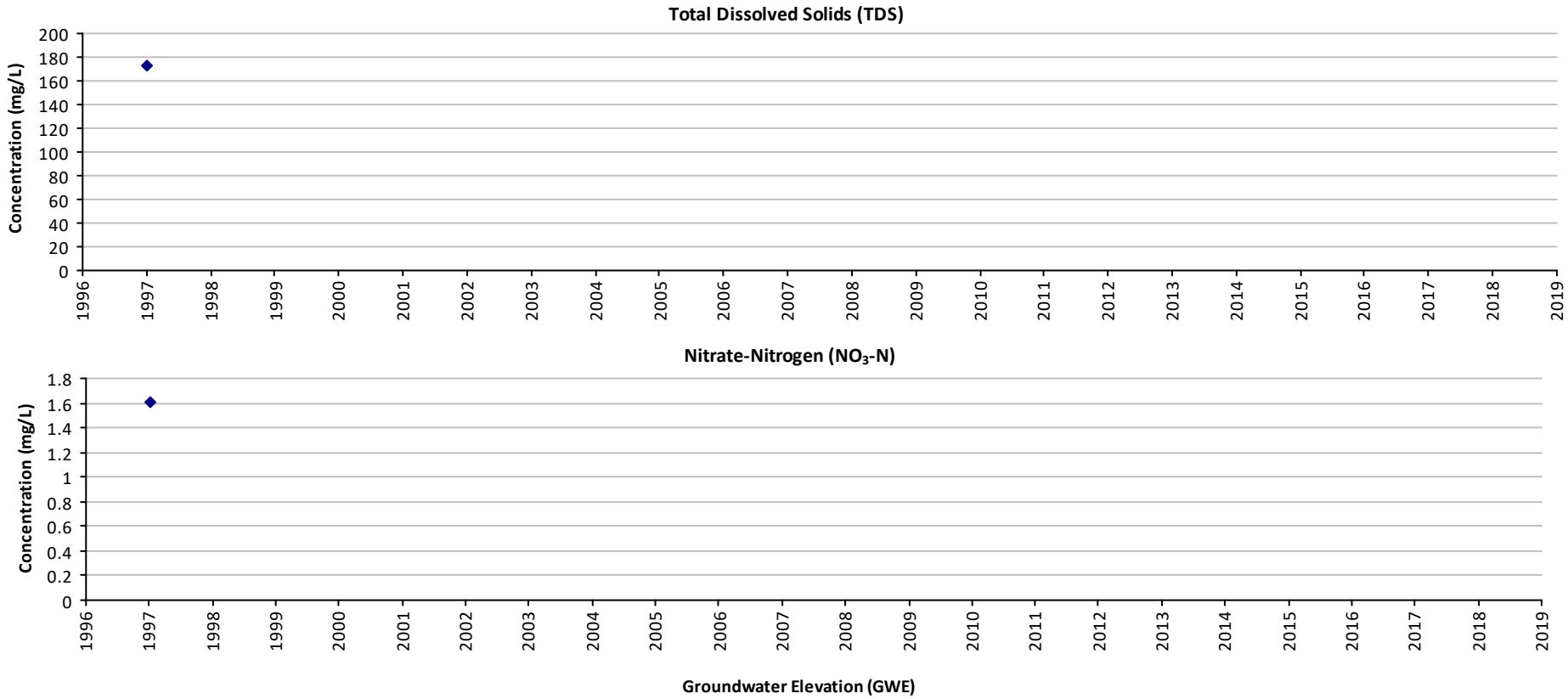

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

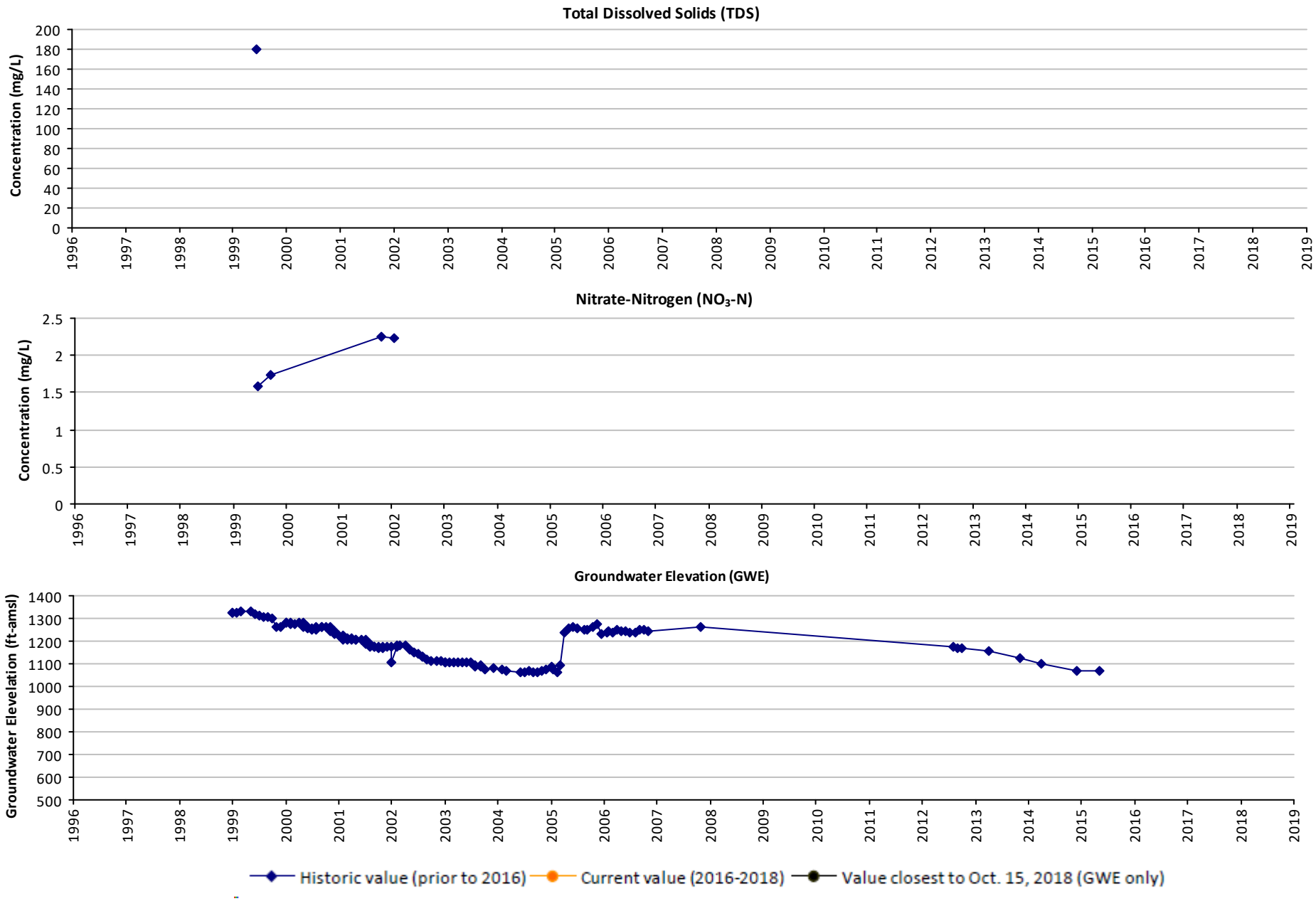

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

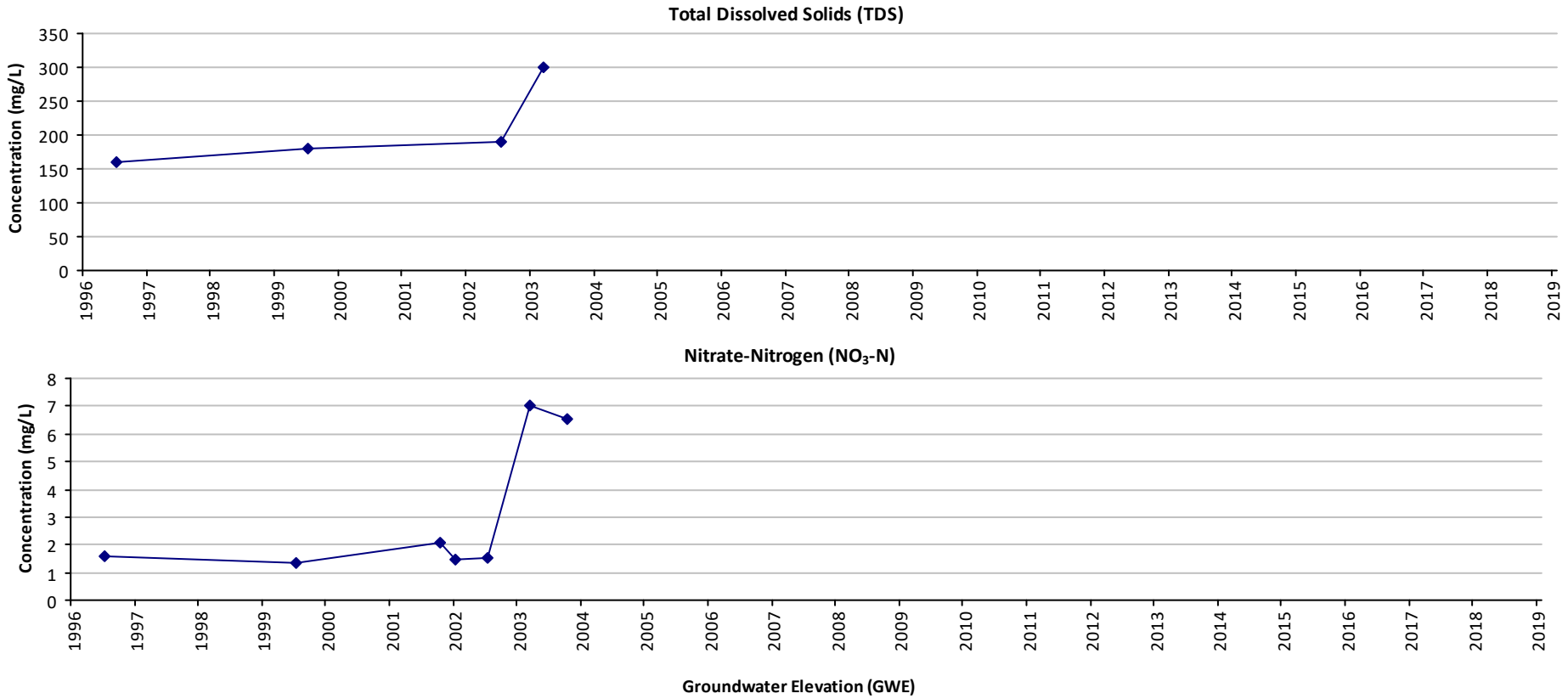
Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

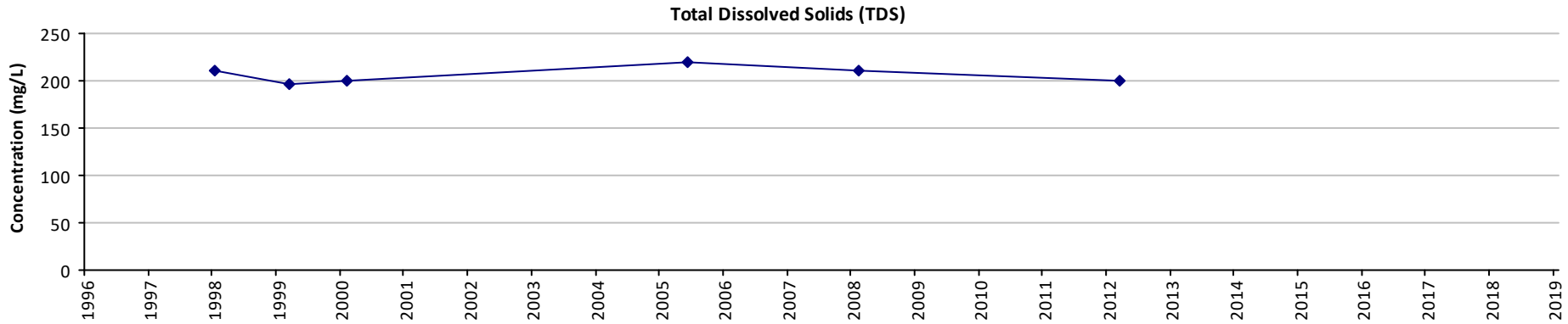

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

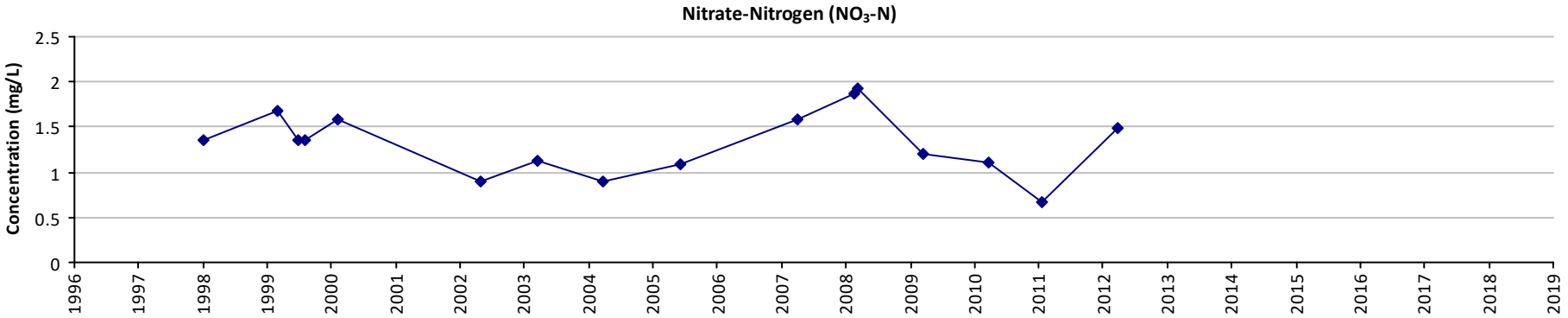

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

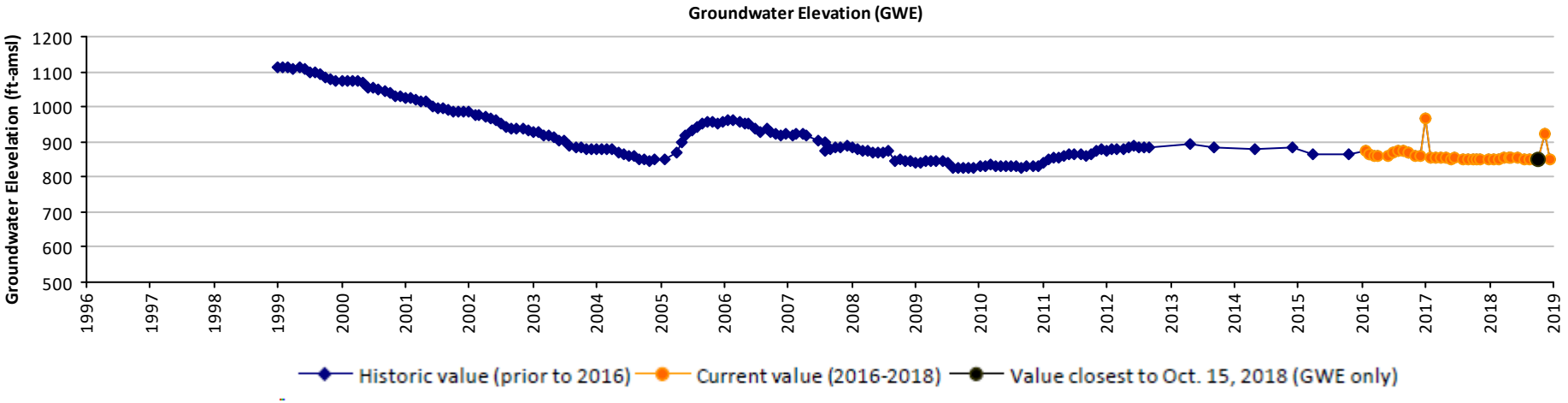

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

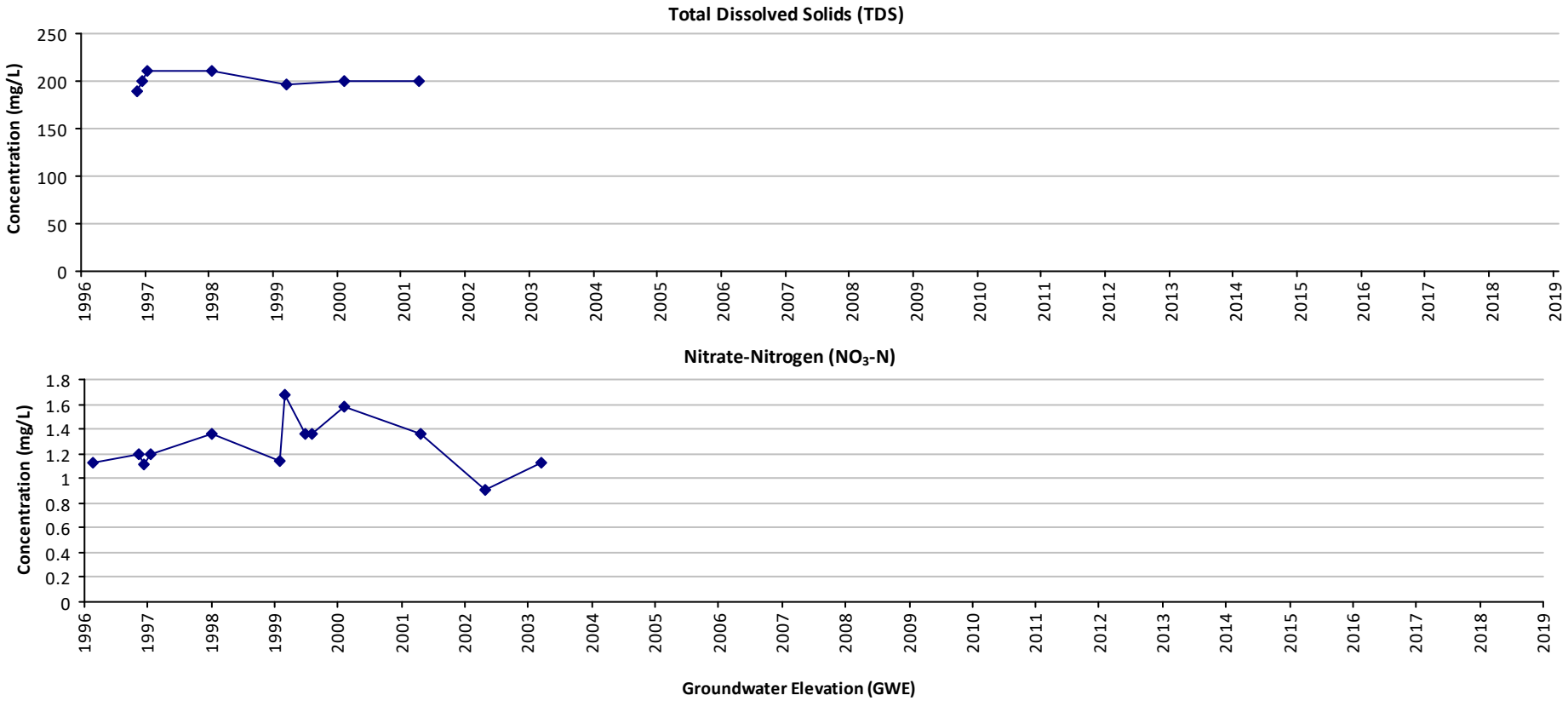

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

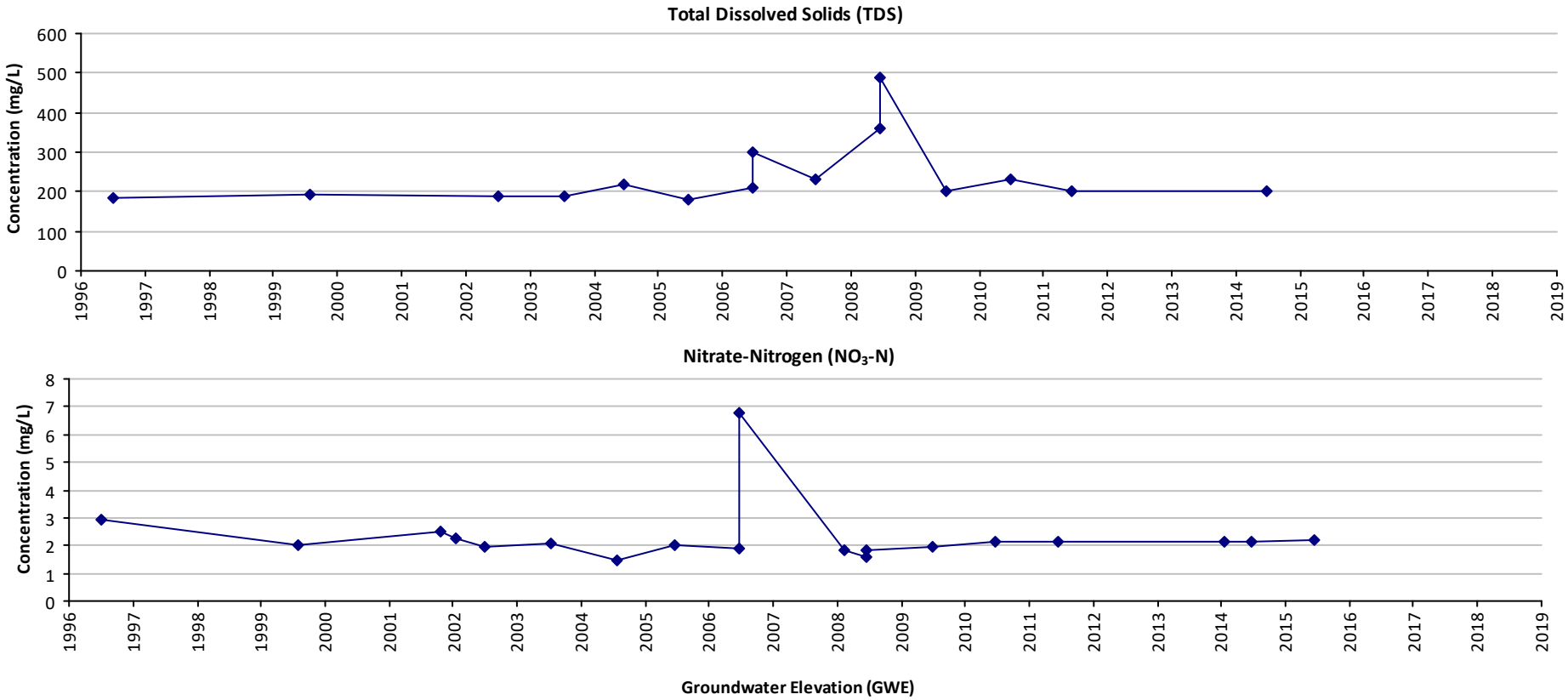

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

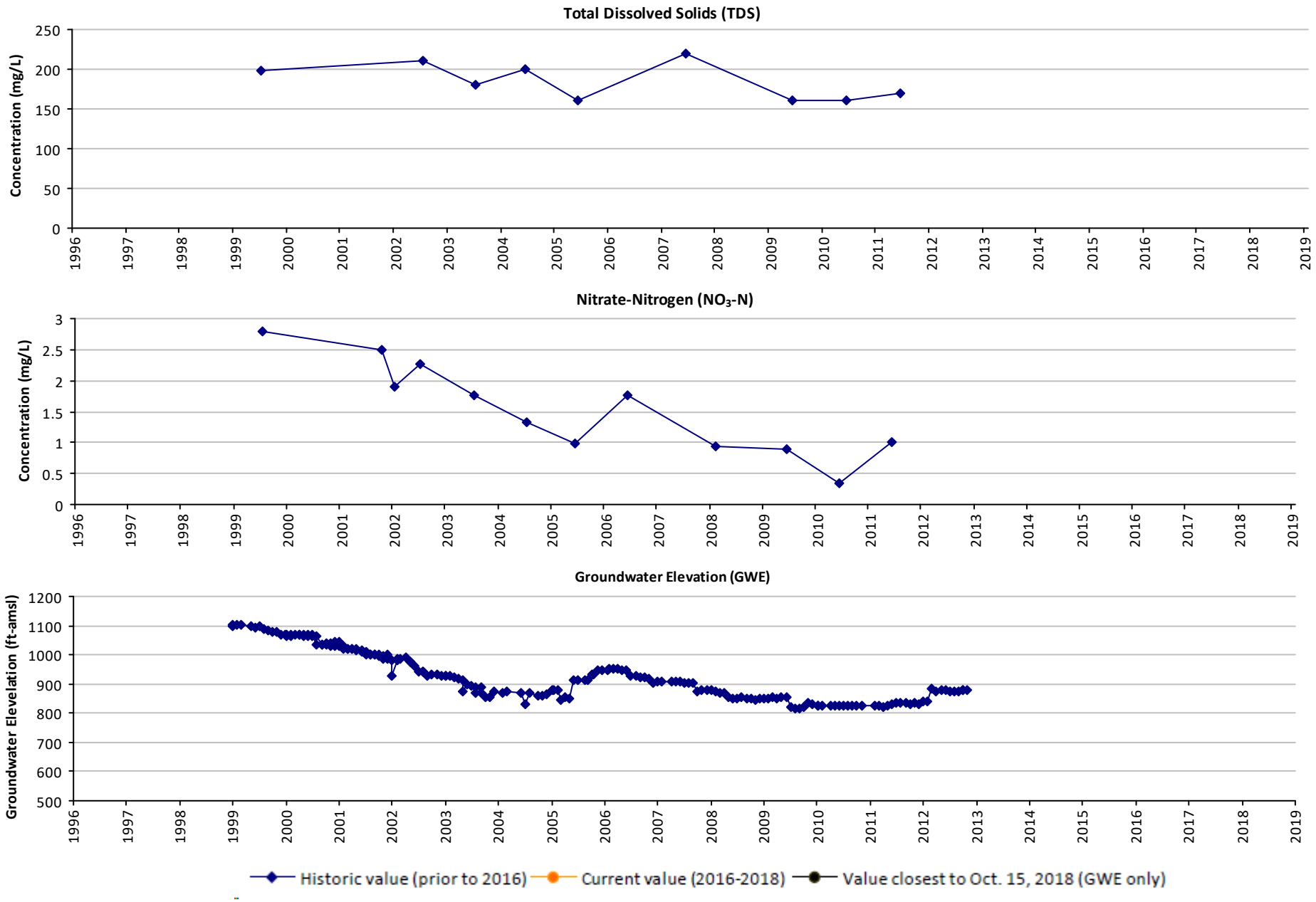

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

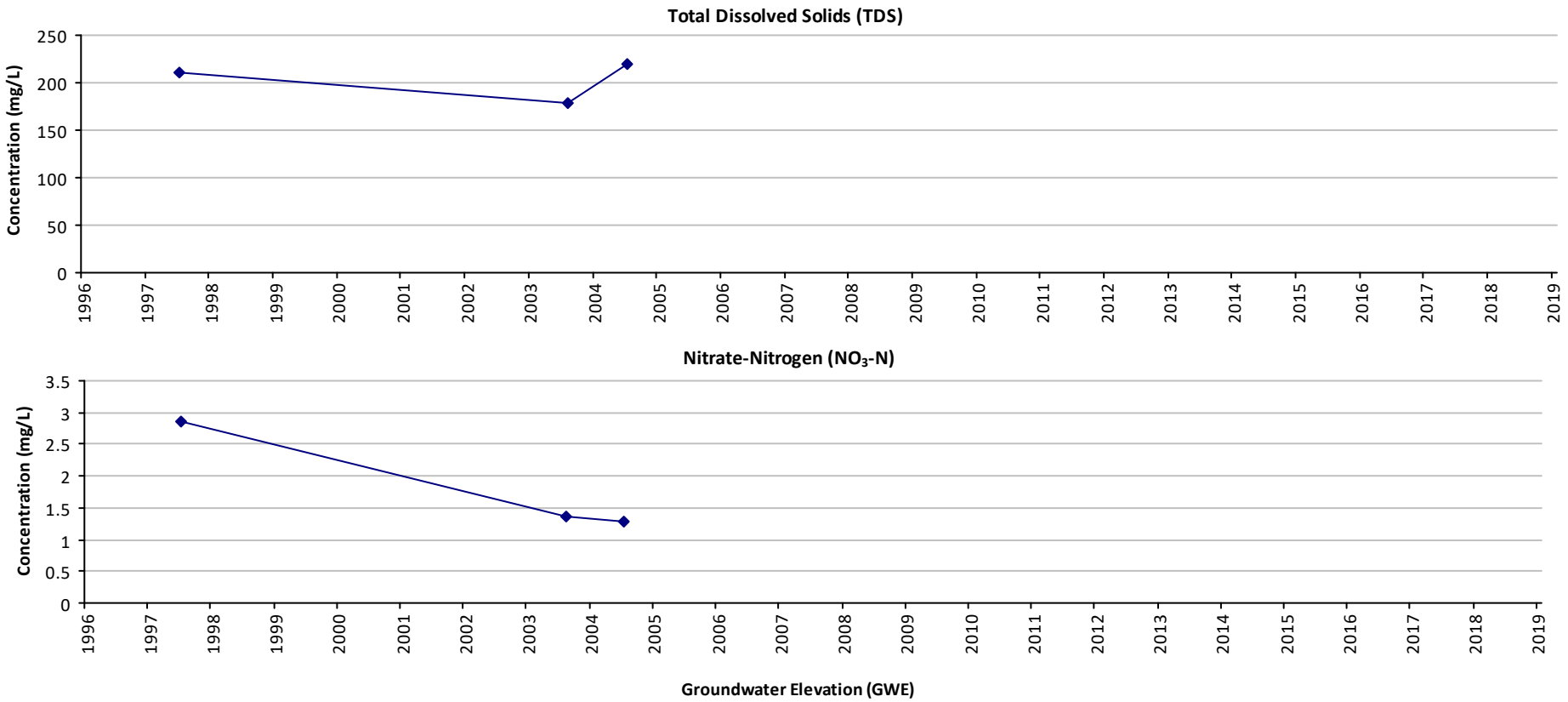

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

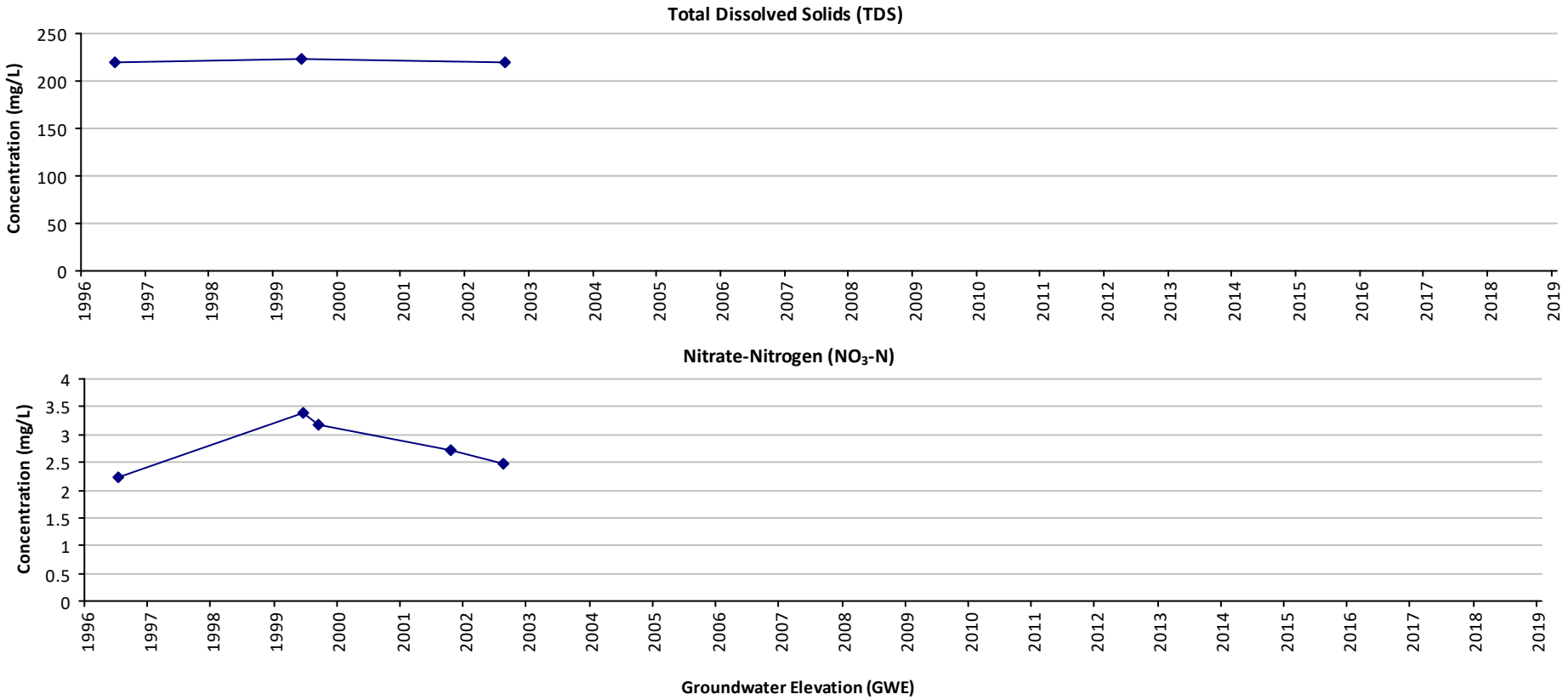

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

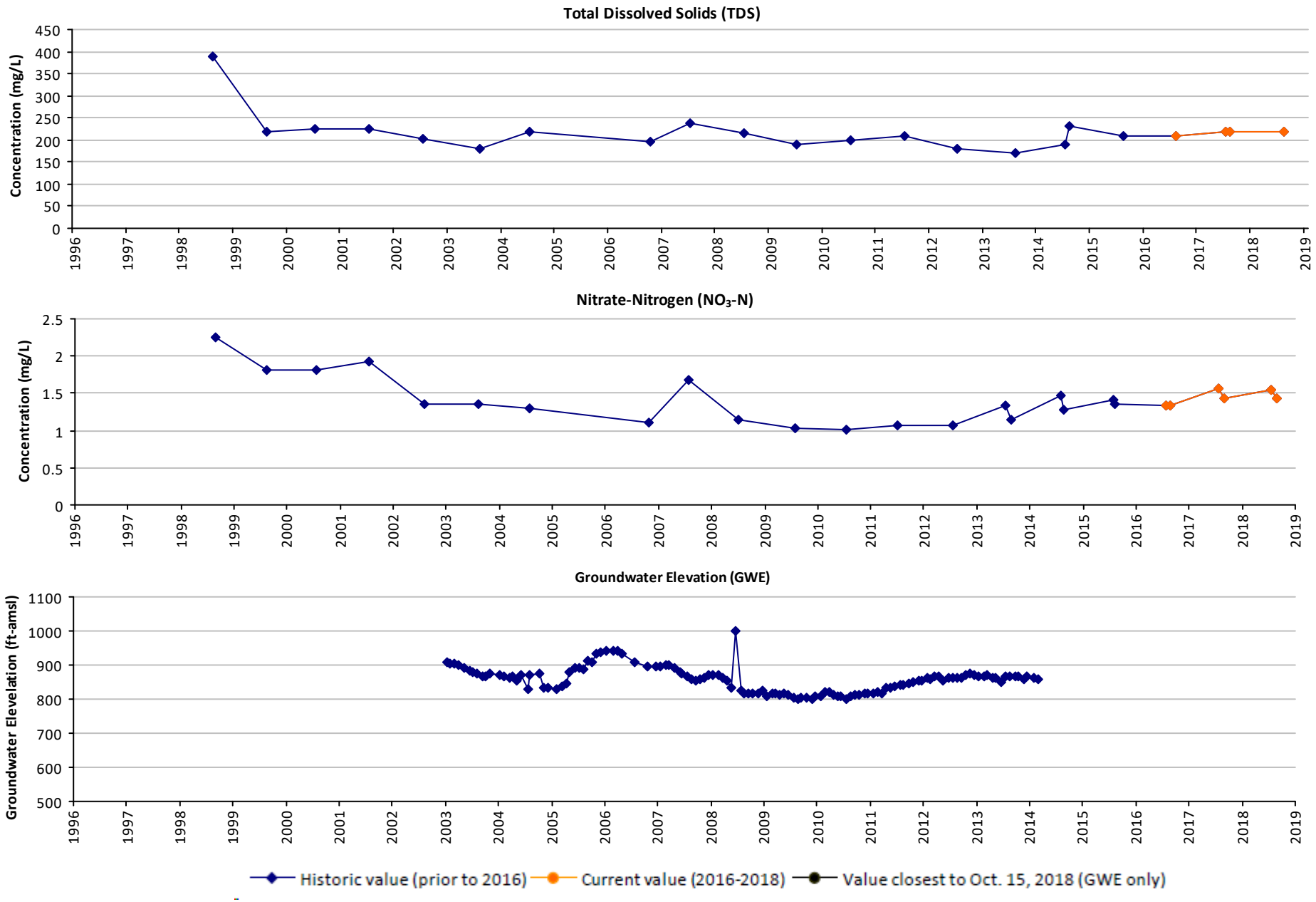

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

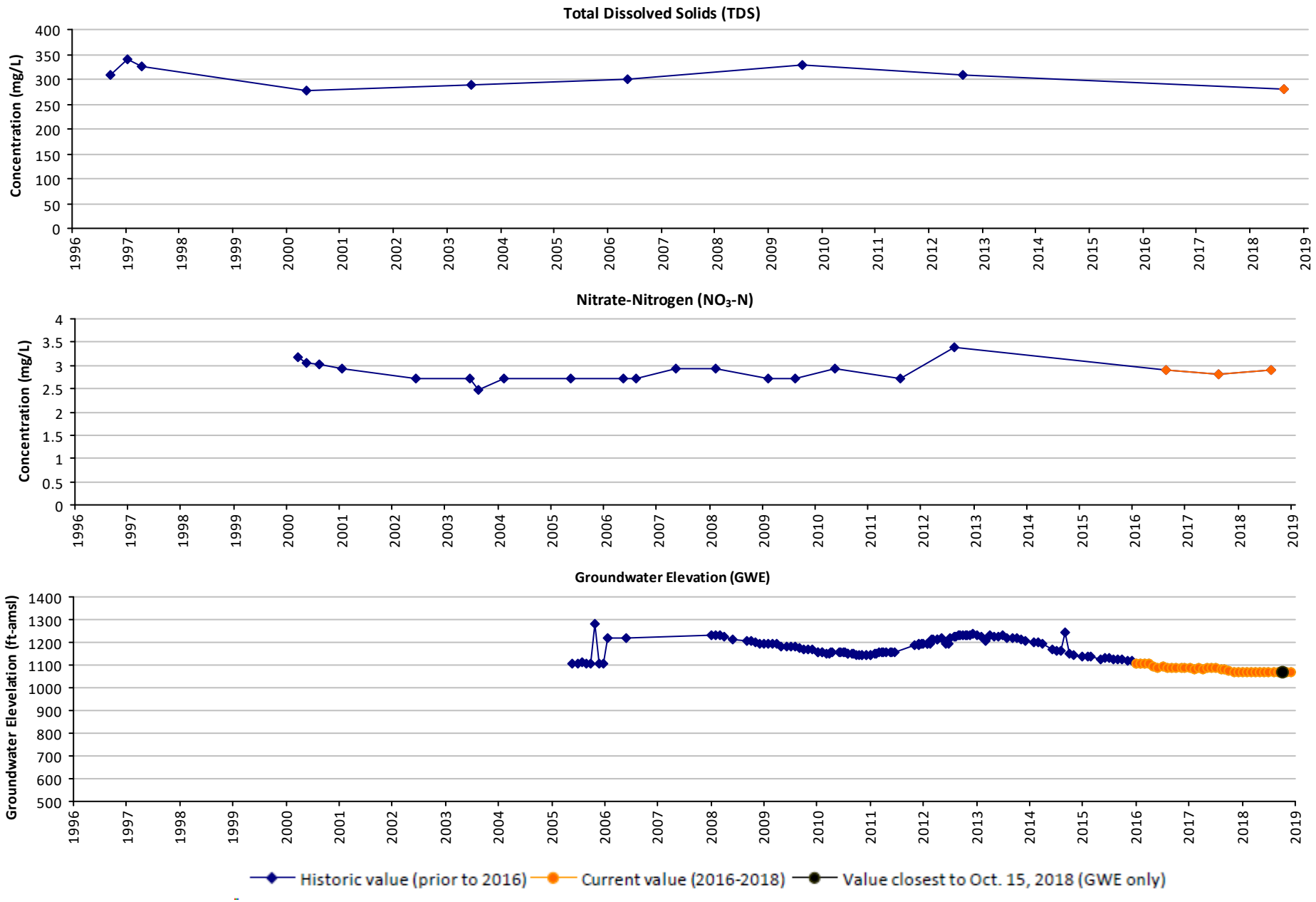

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

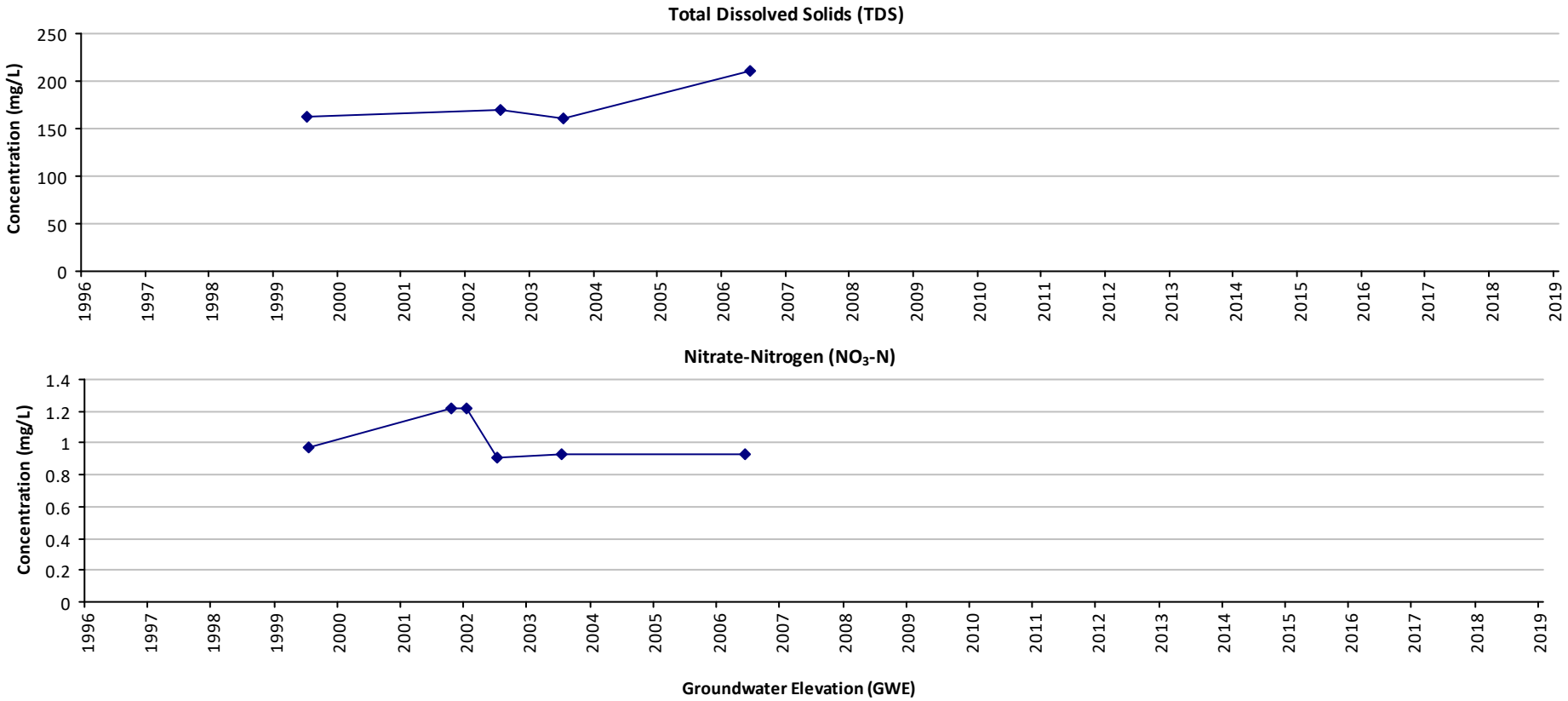

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

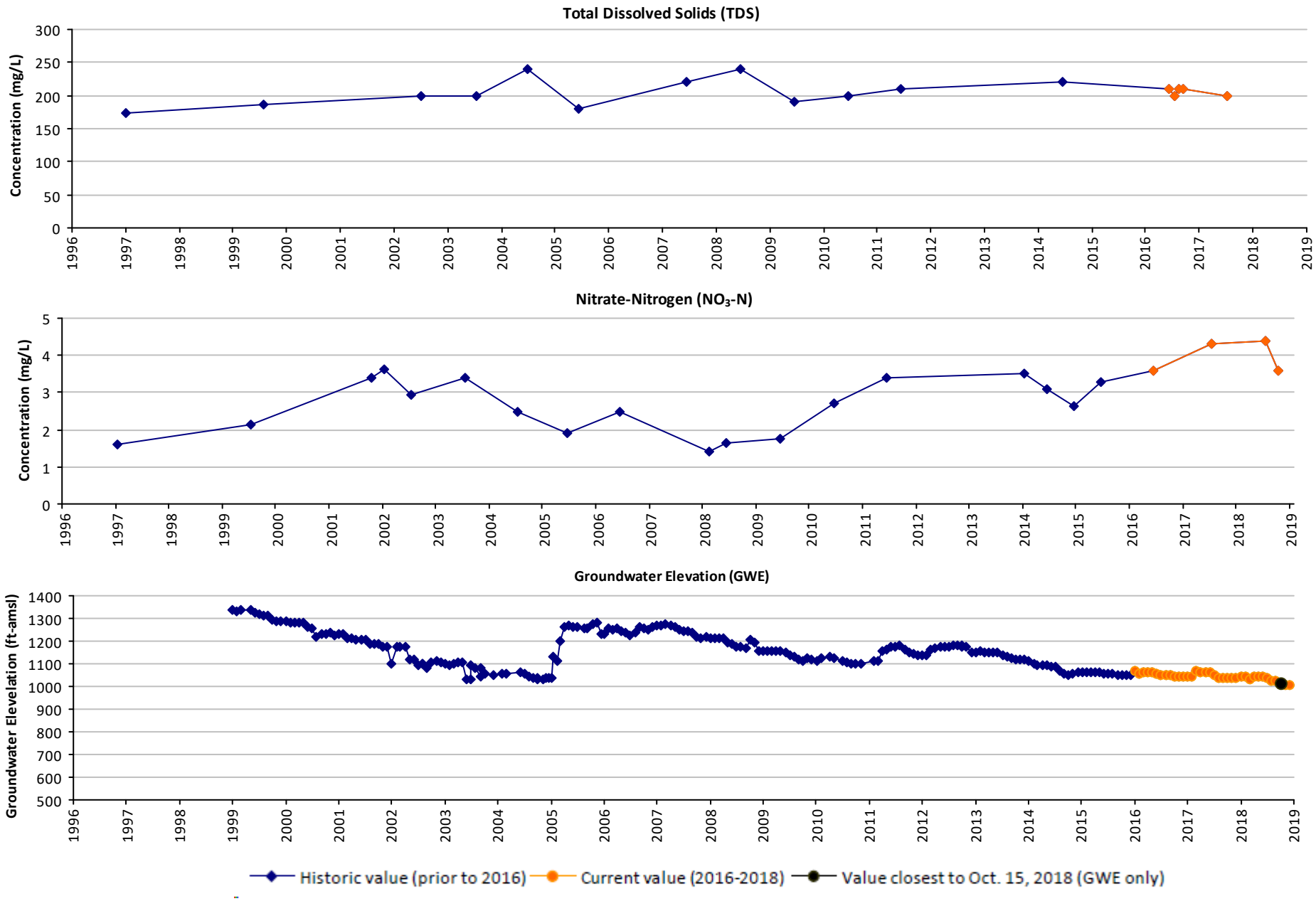

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

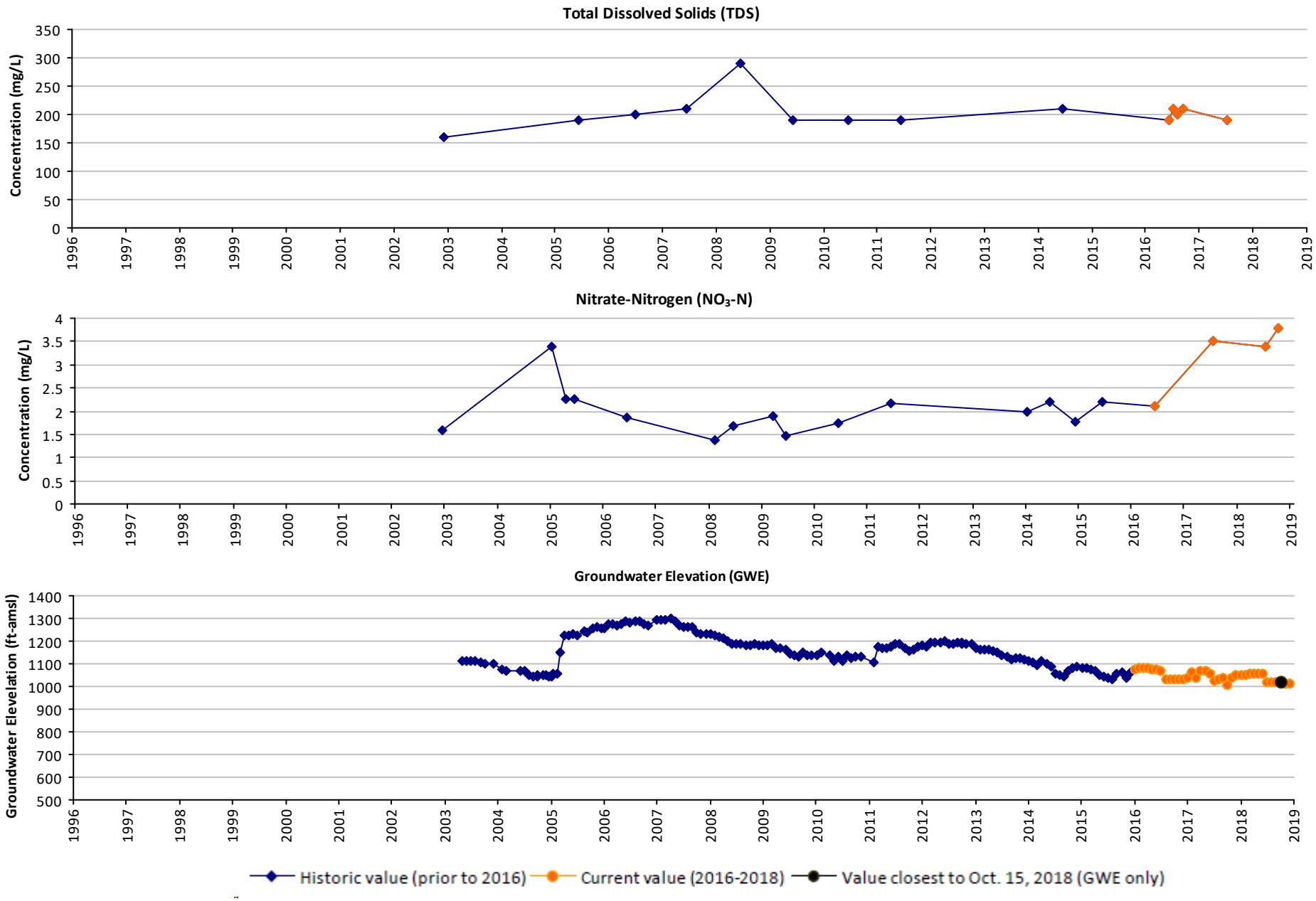

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

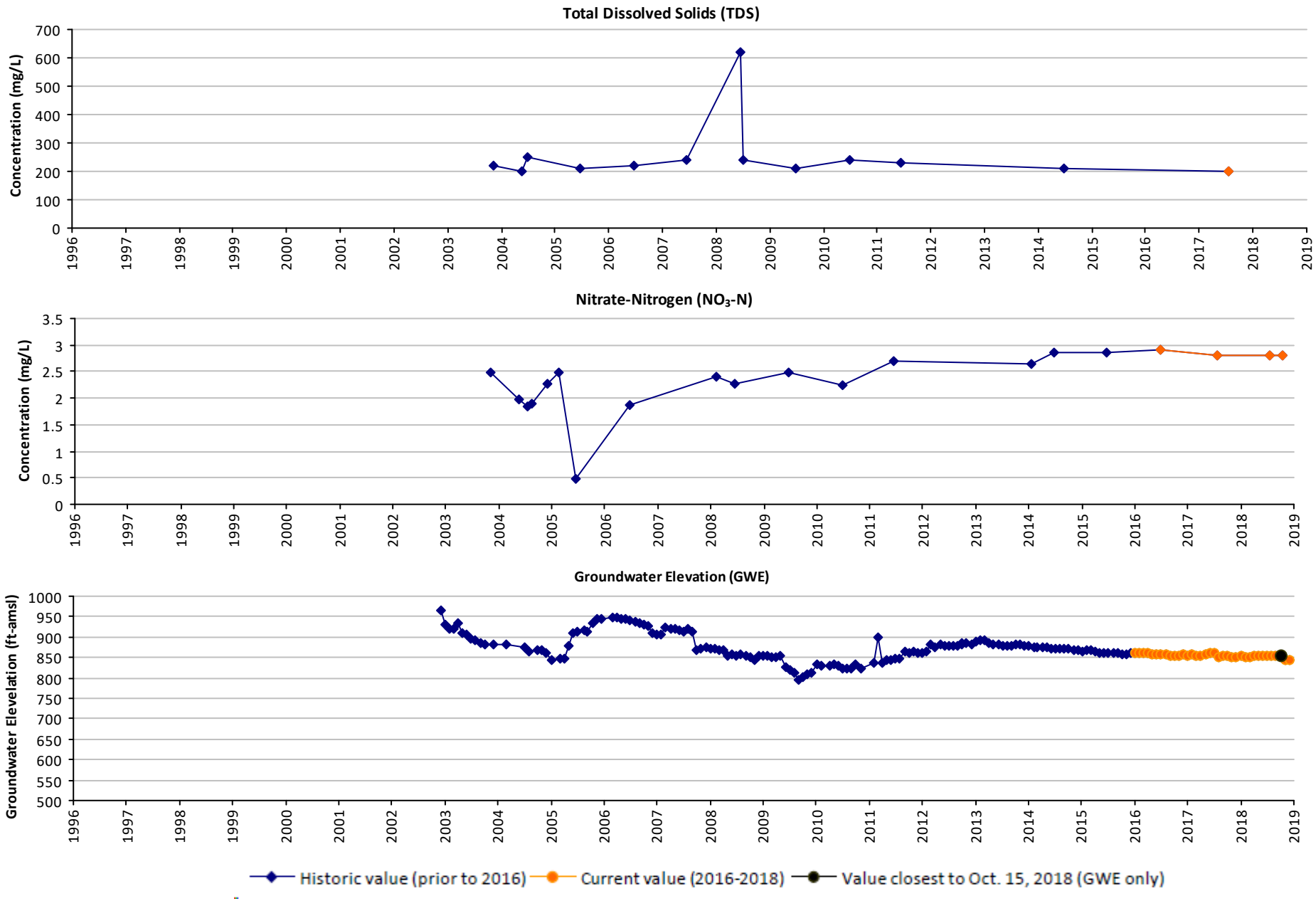

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

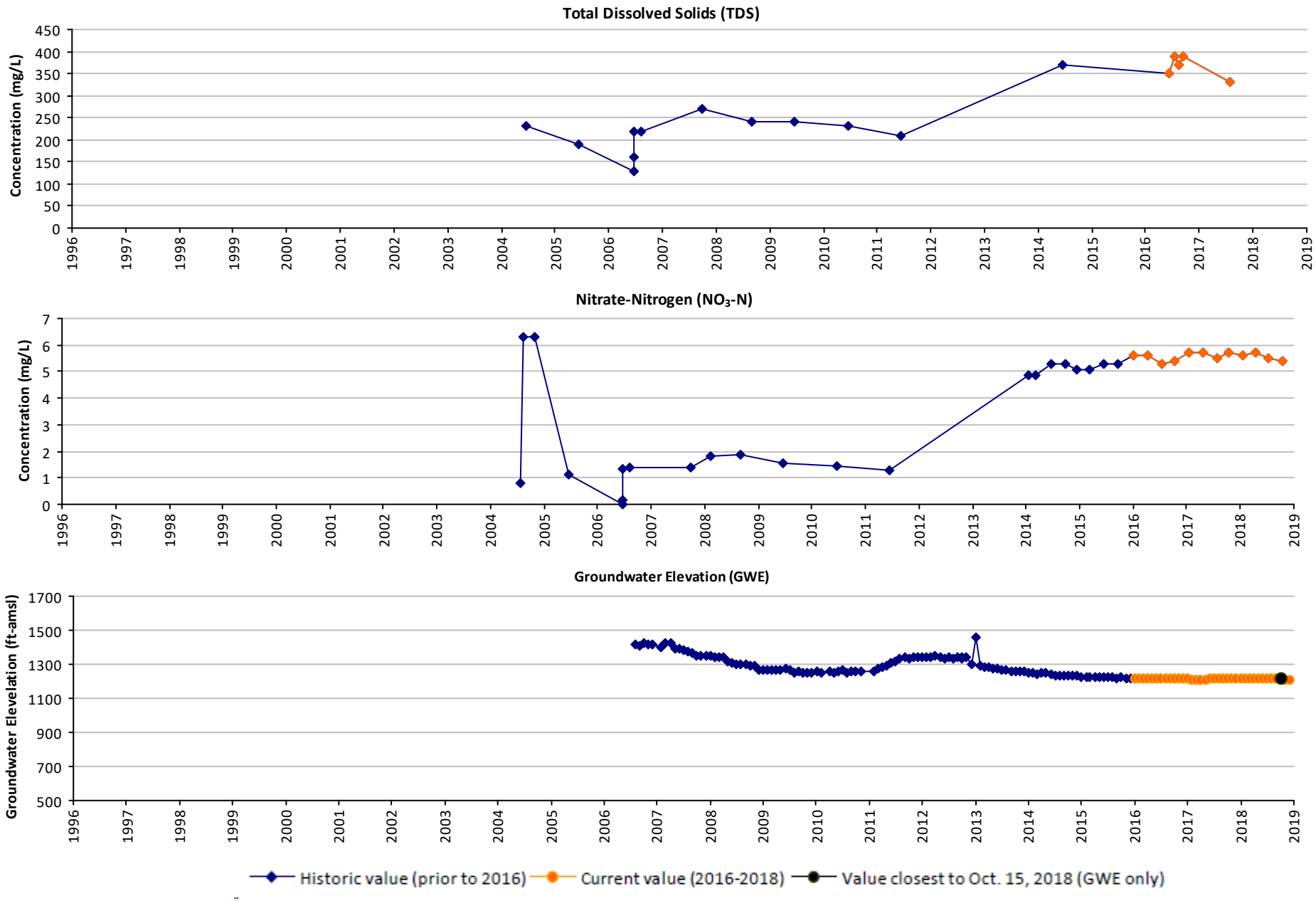

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

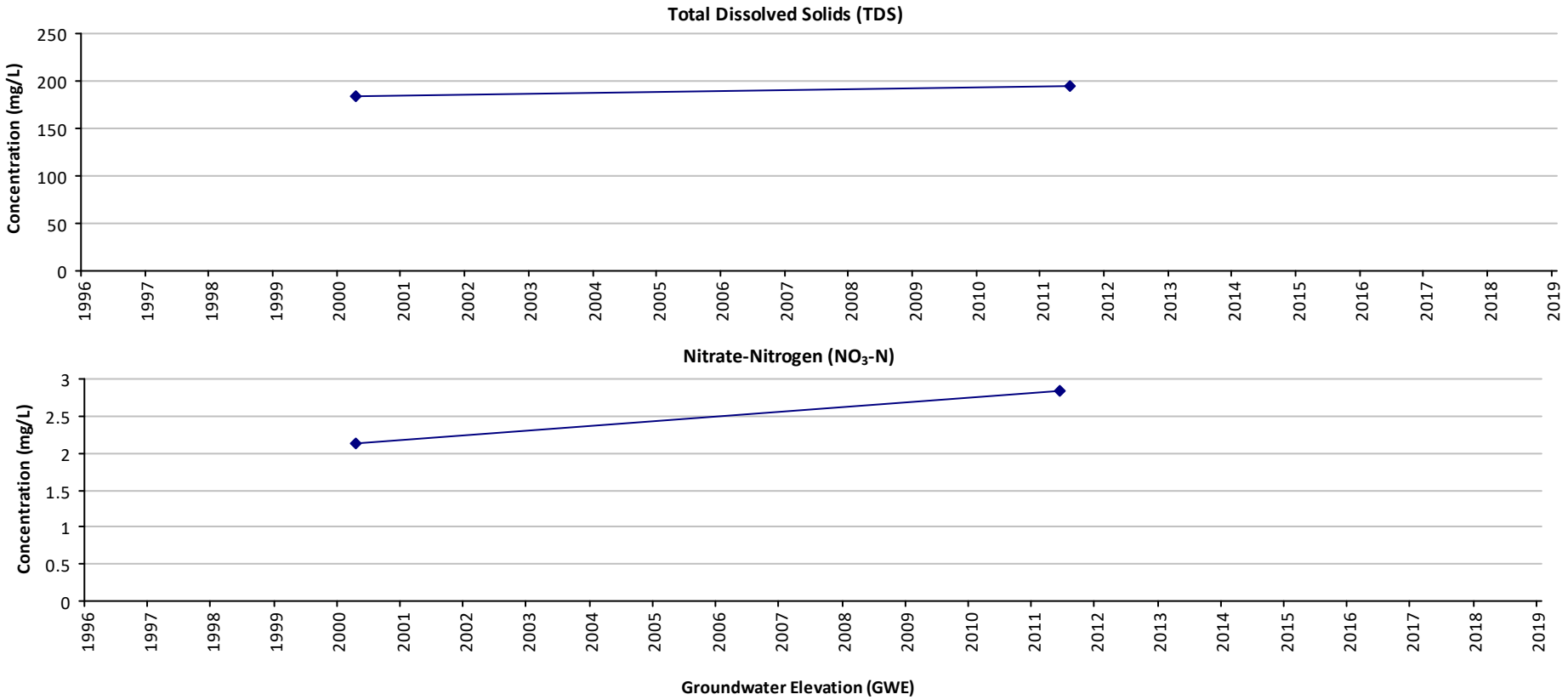

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

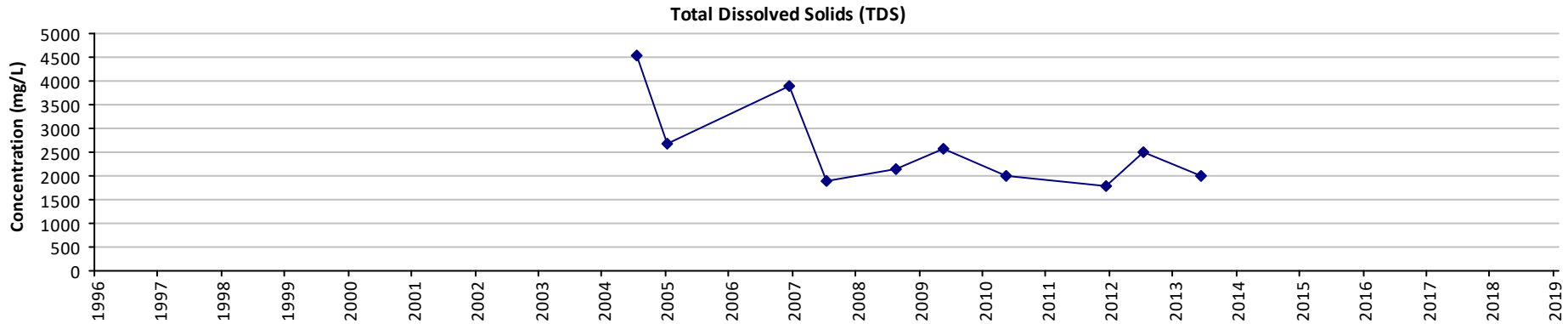

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

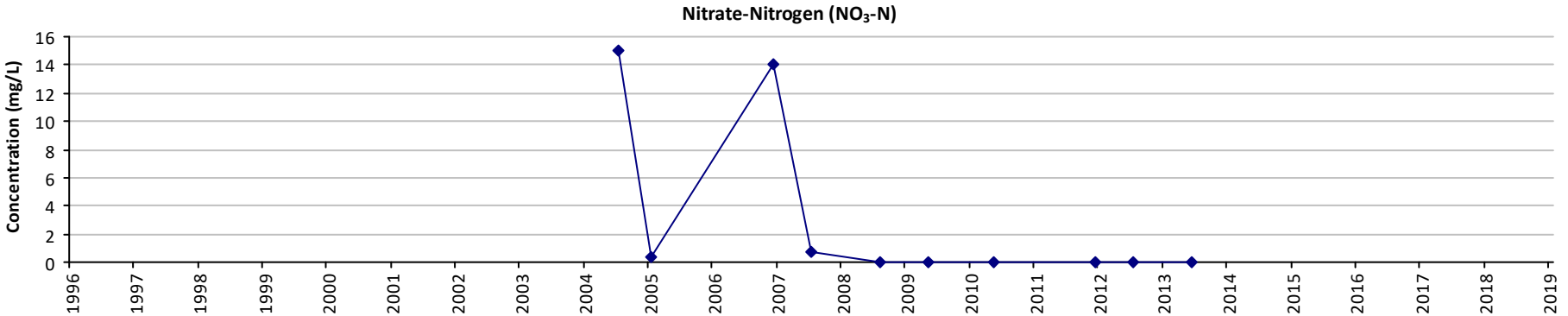

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

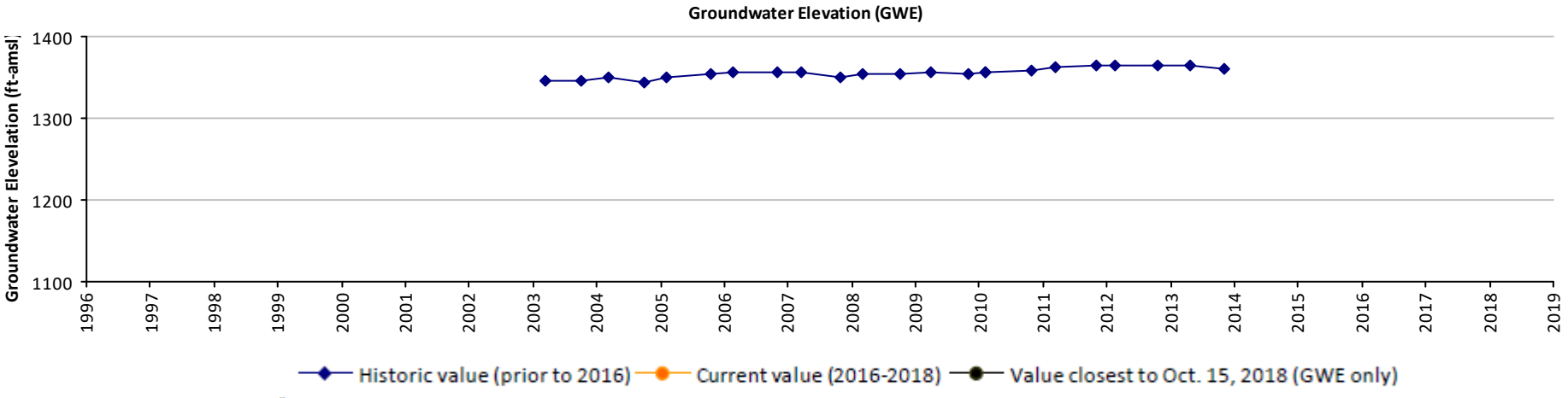

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

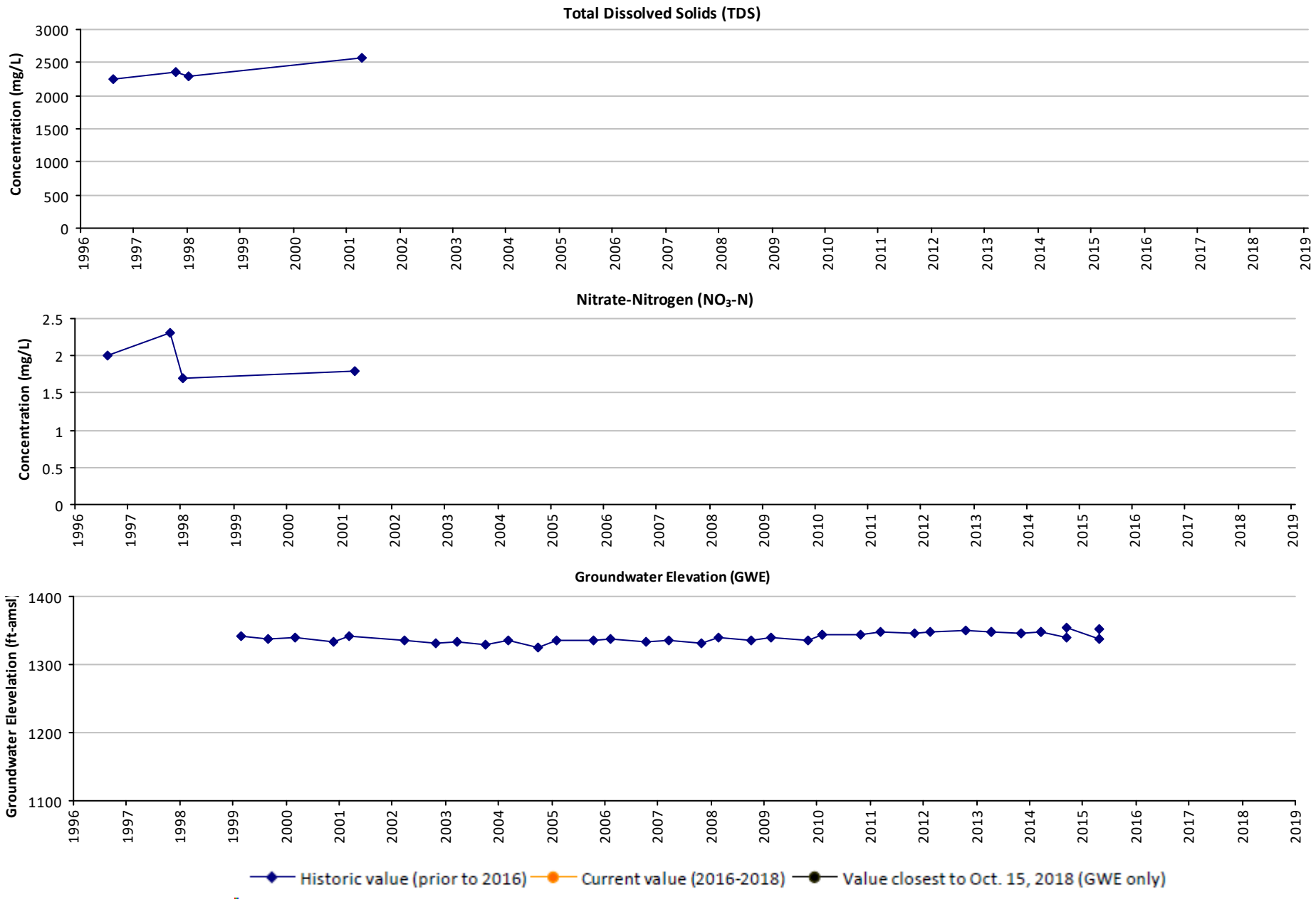
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

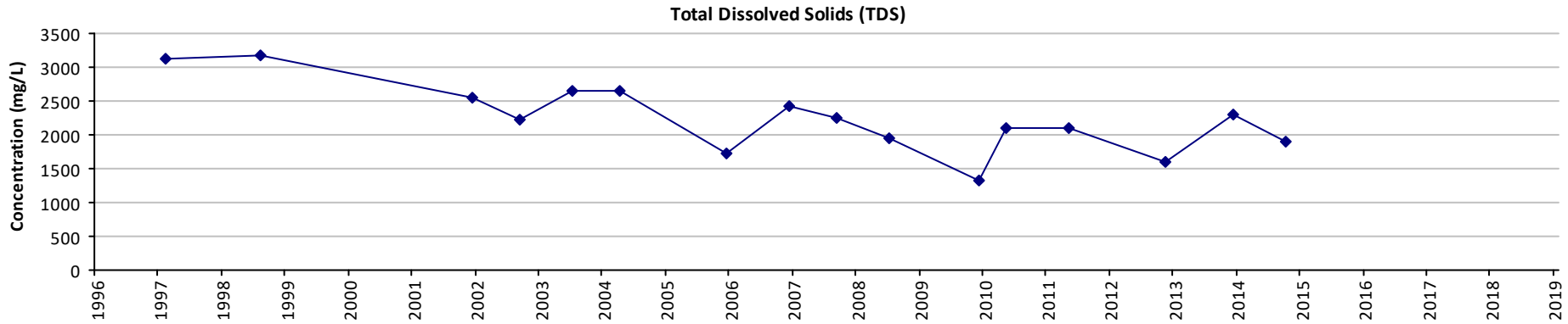
Well ID: 1212580
Management Zone: Menifee

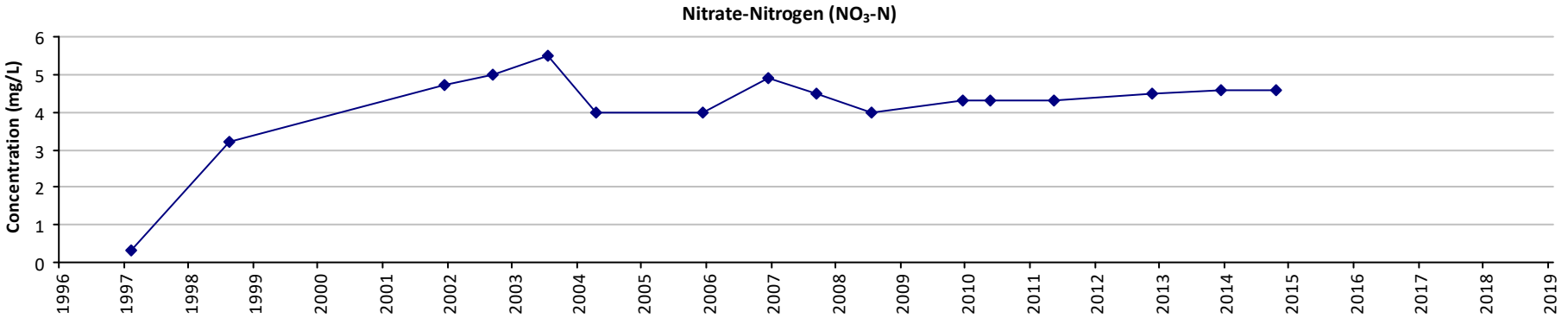


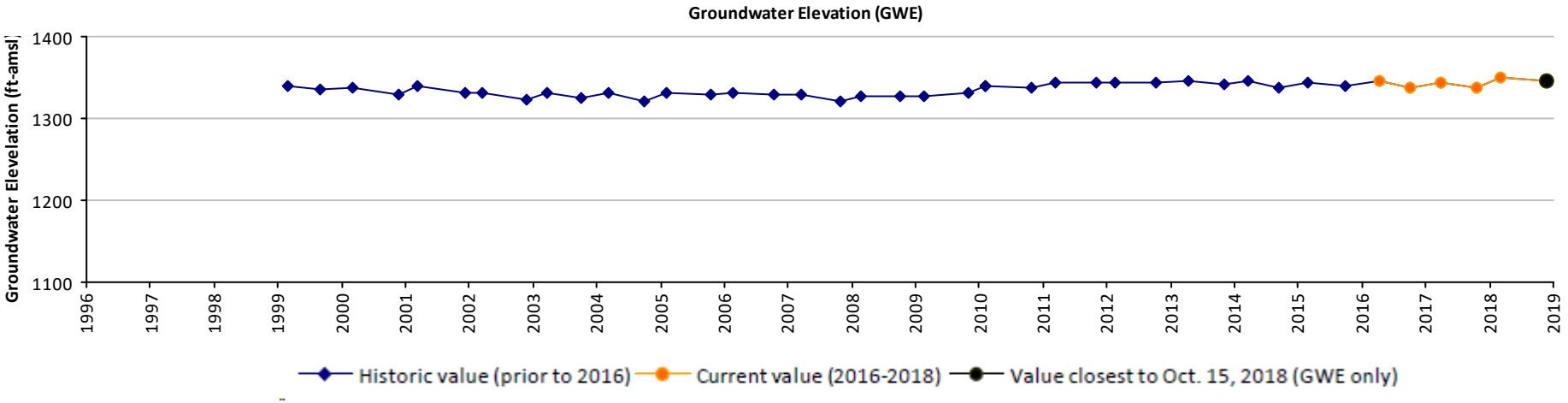


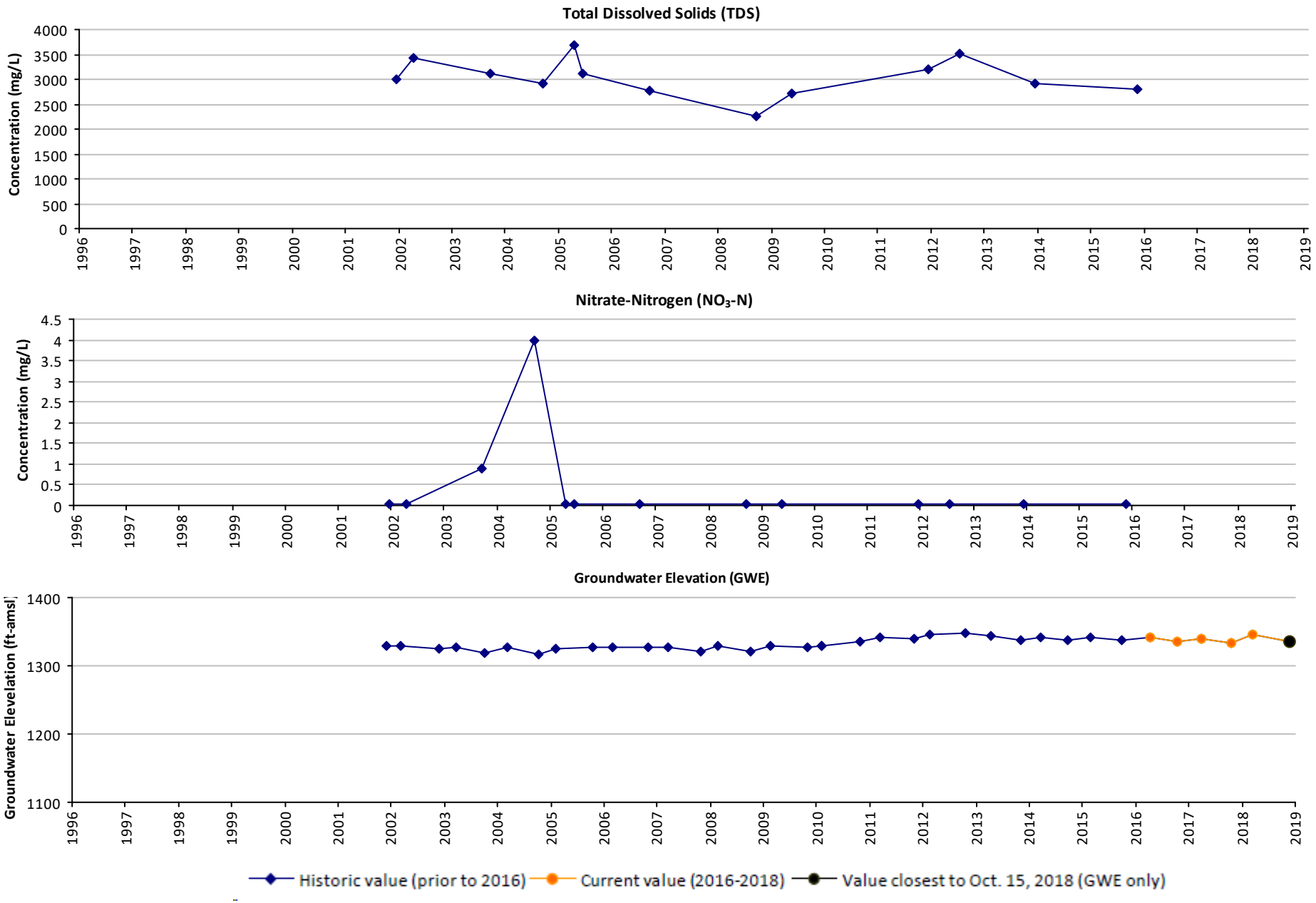


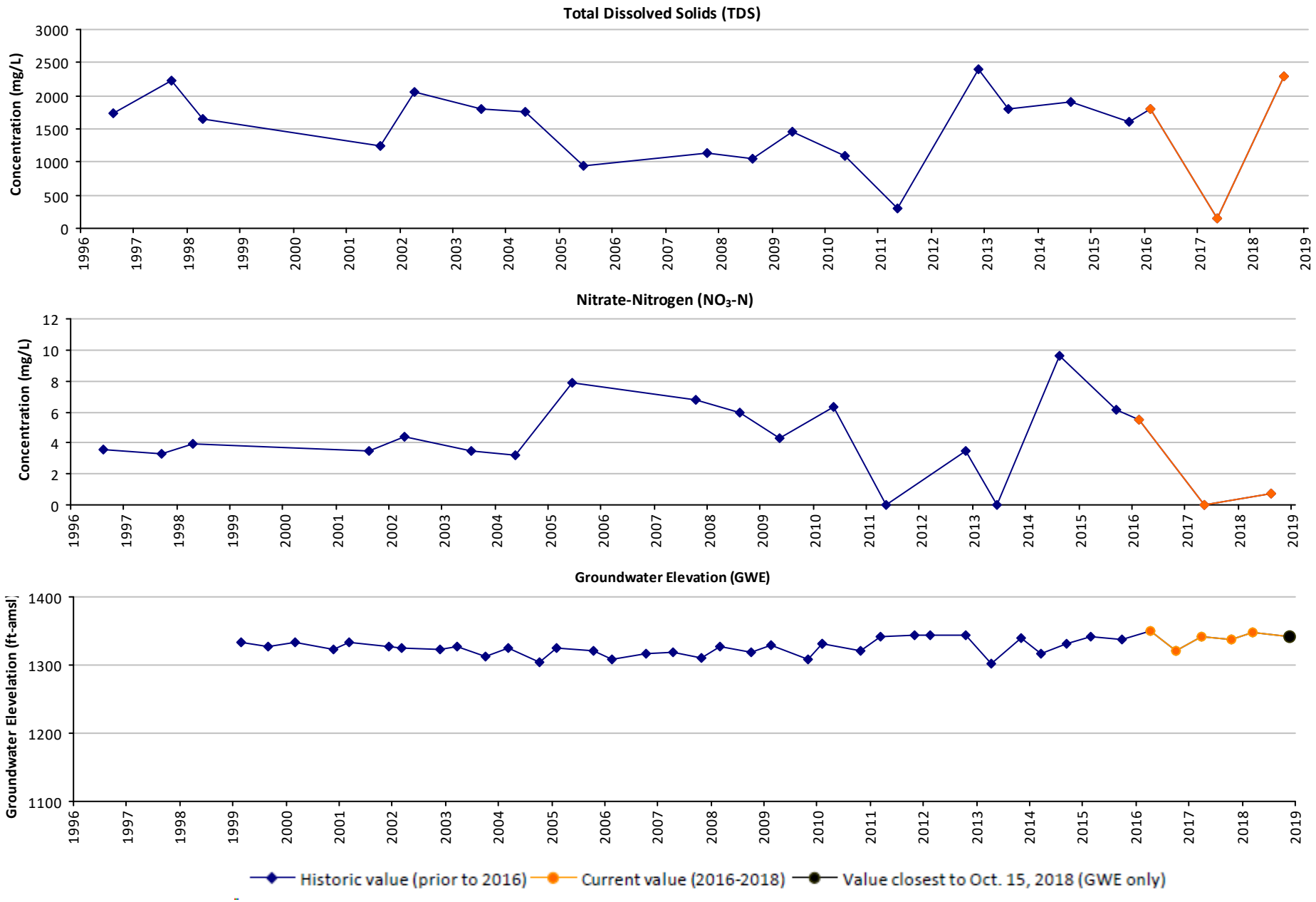

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

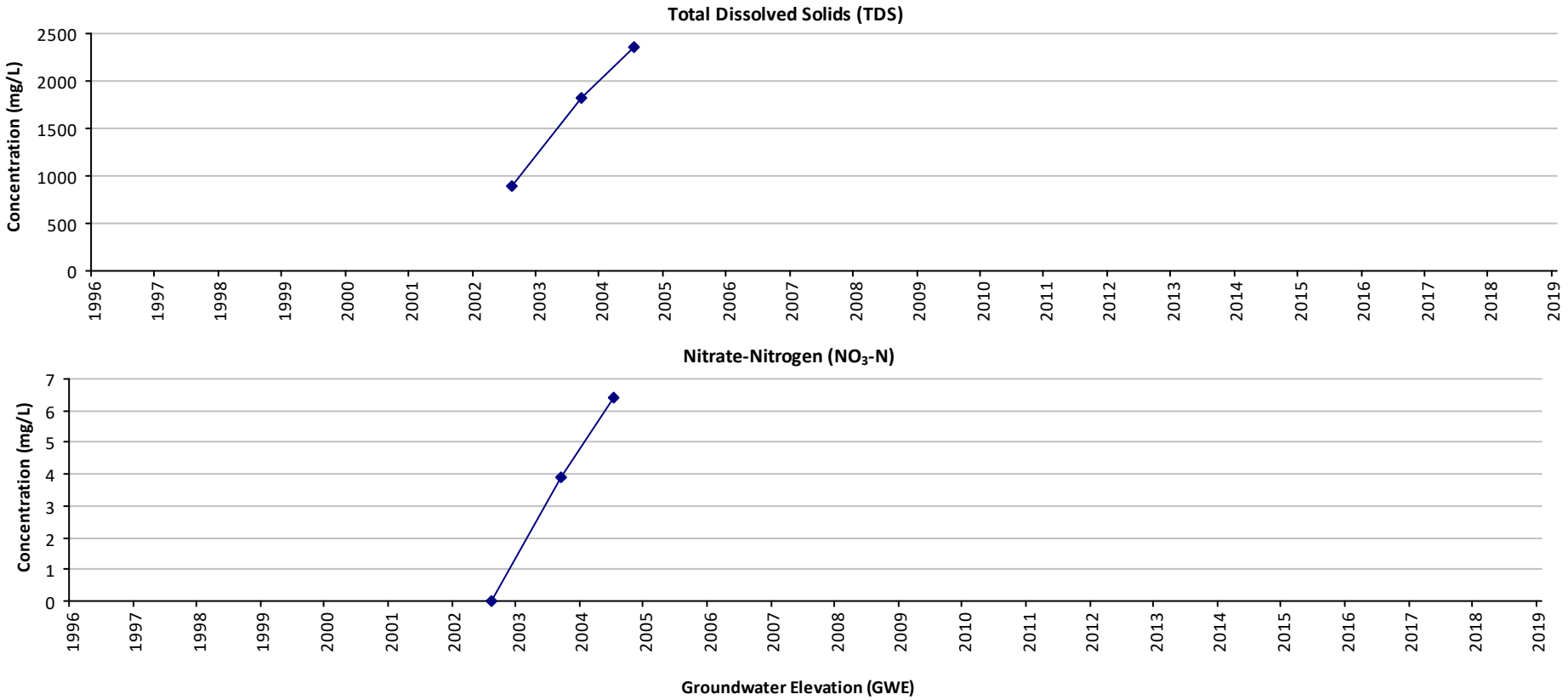

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

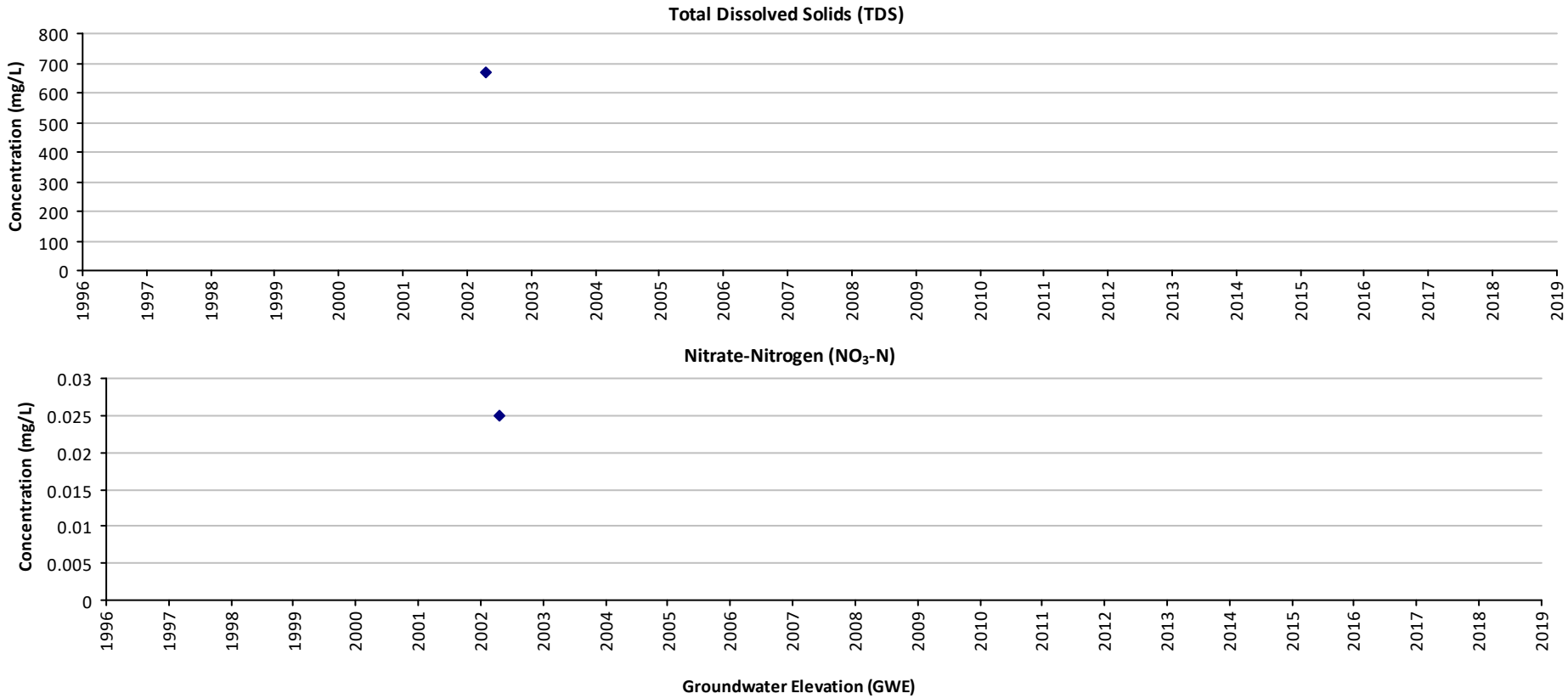

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

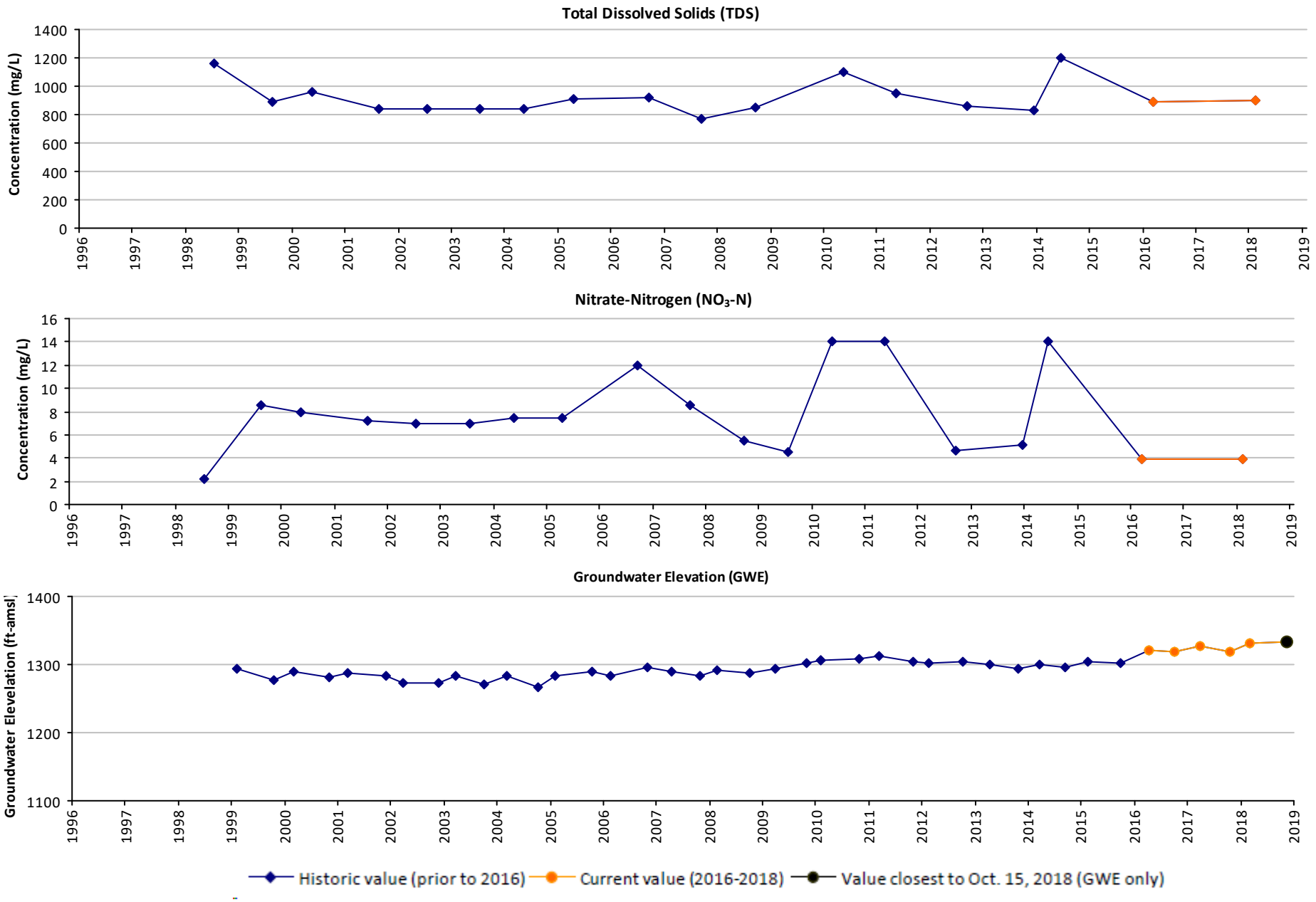

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

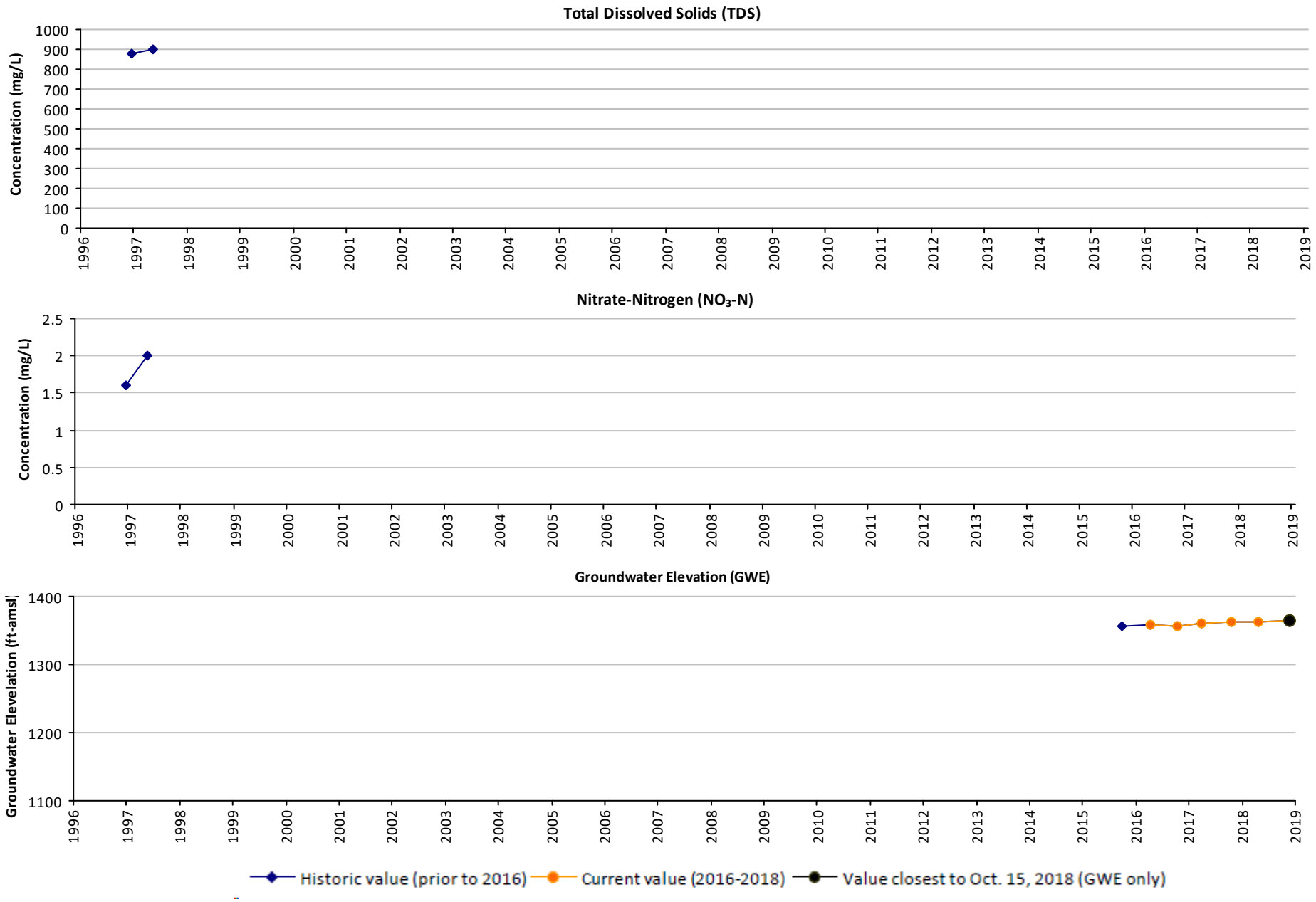

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

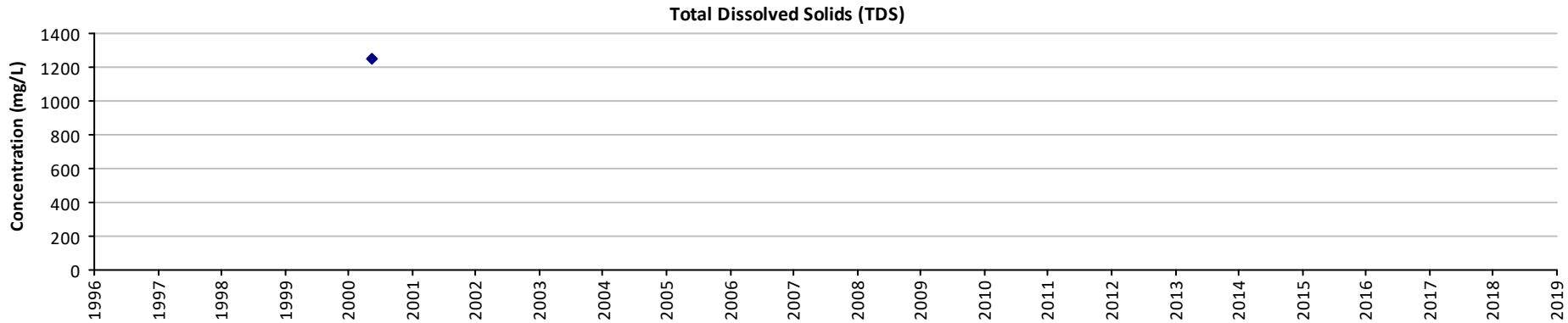

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

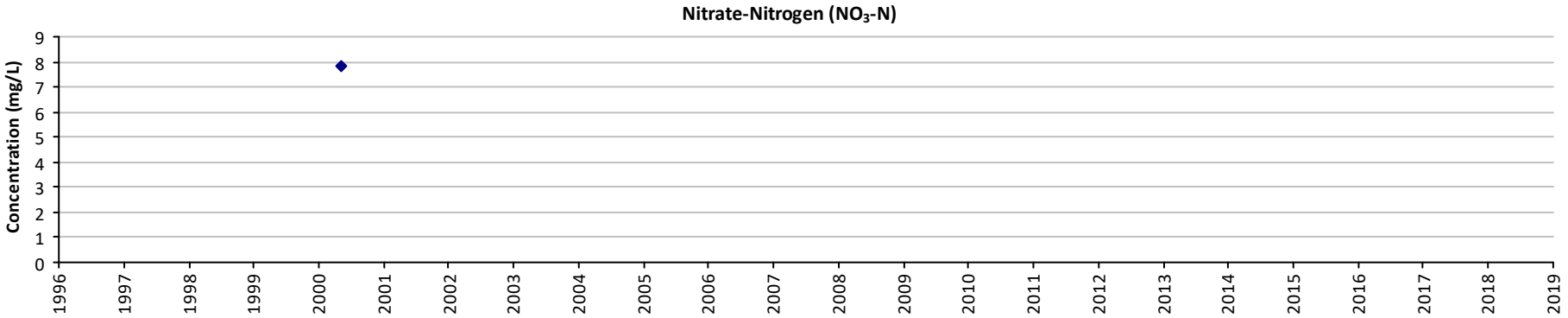

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

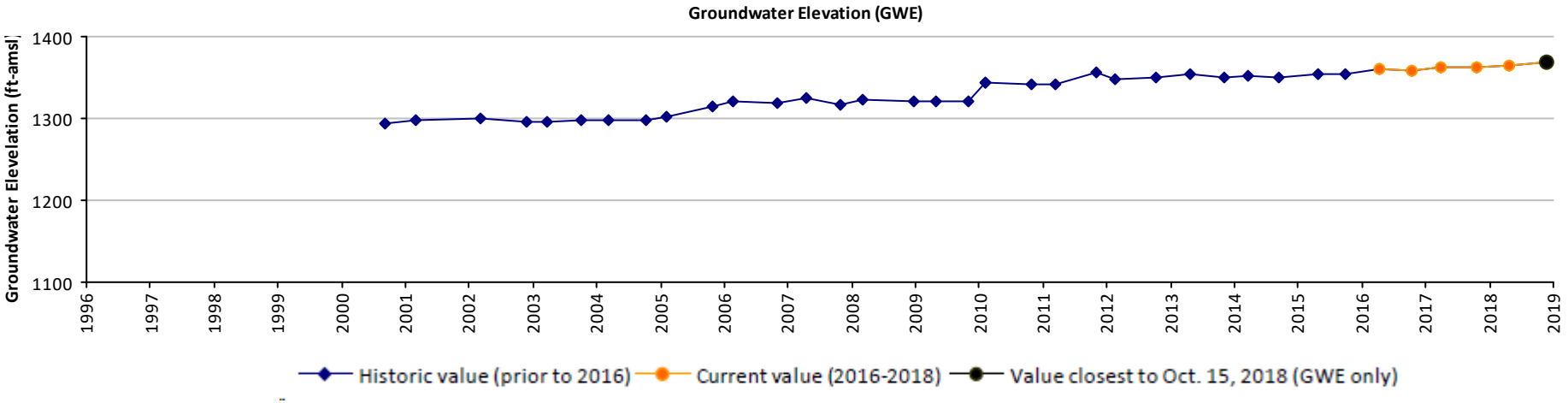

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

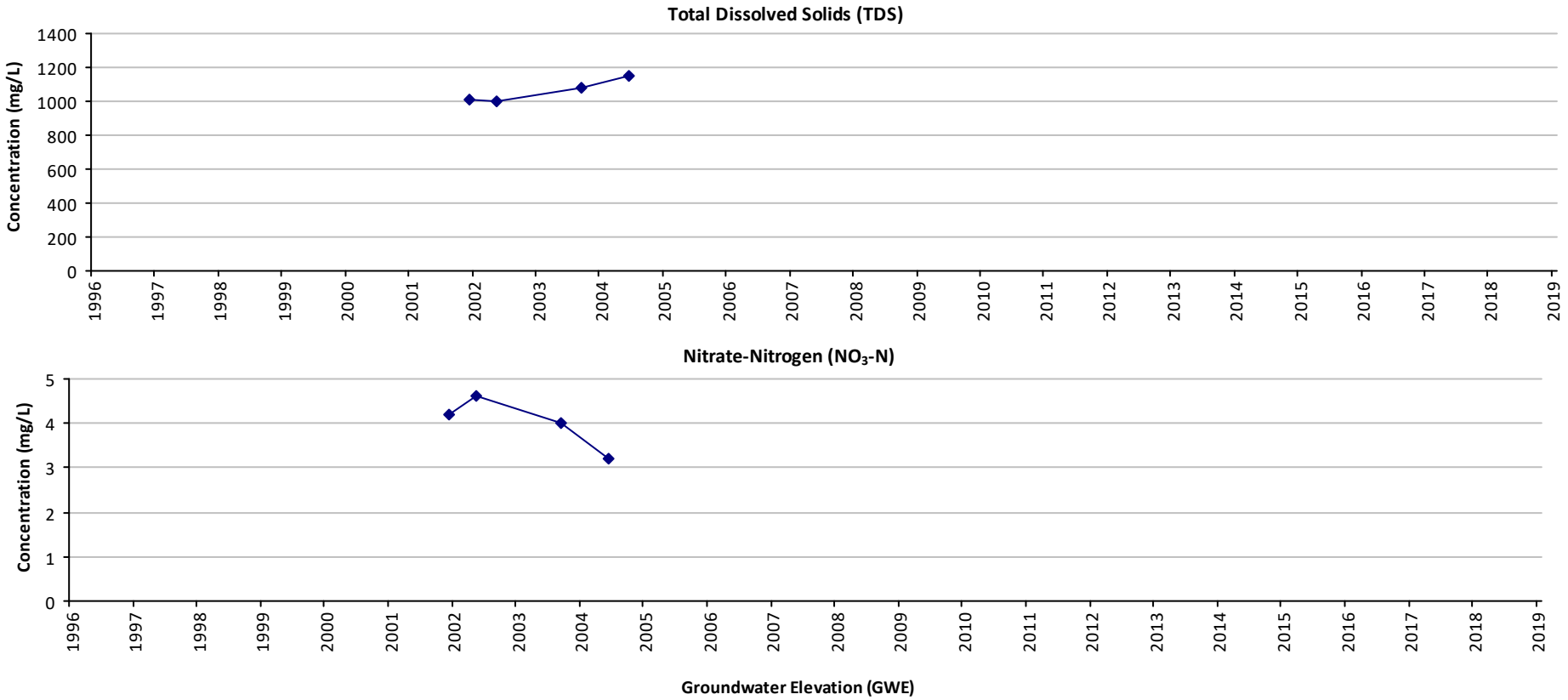

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

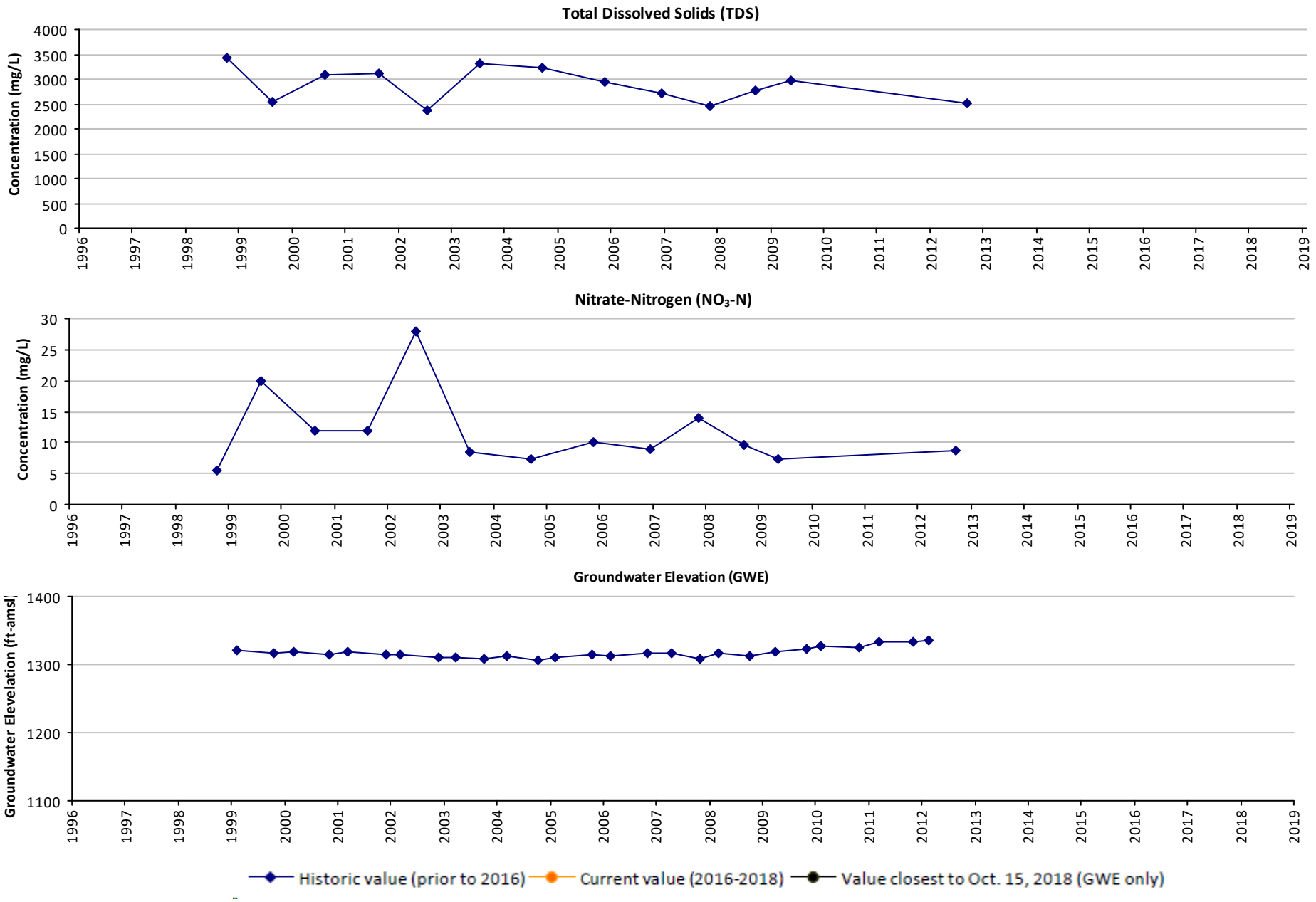

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

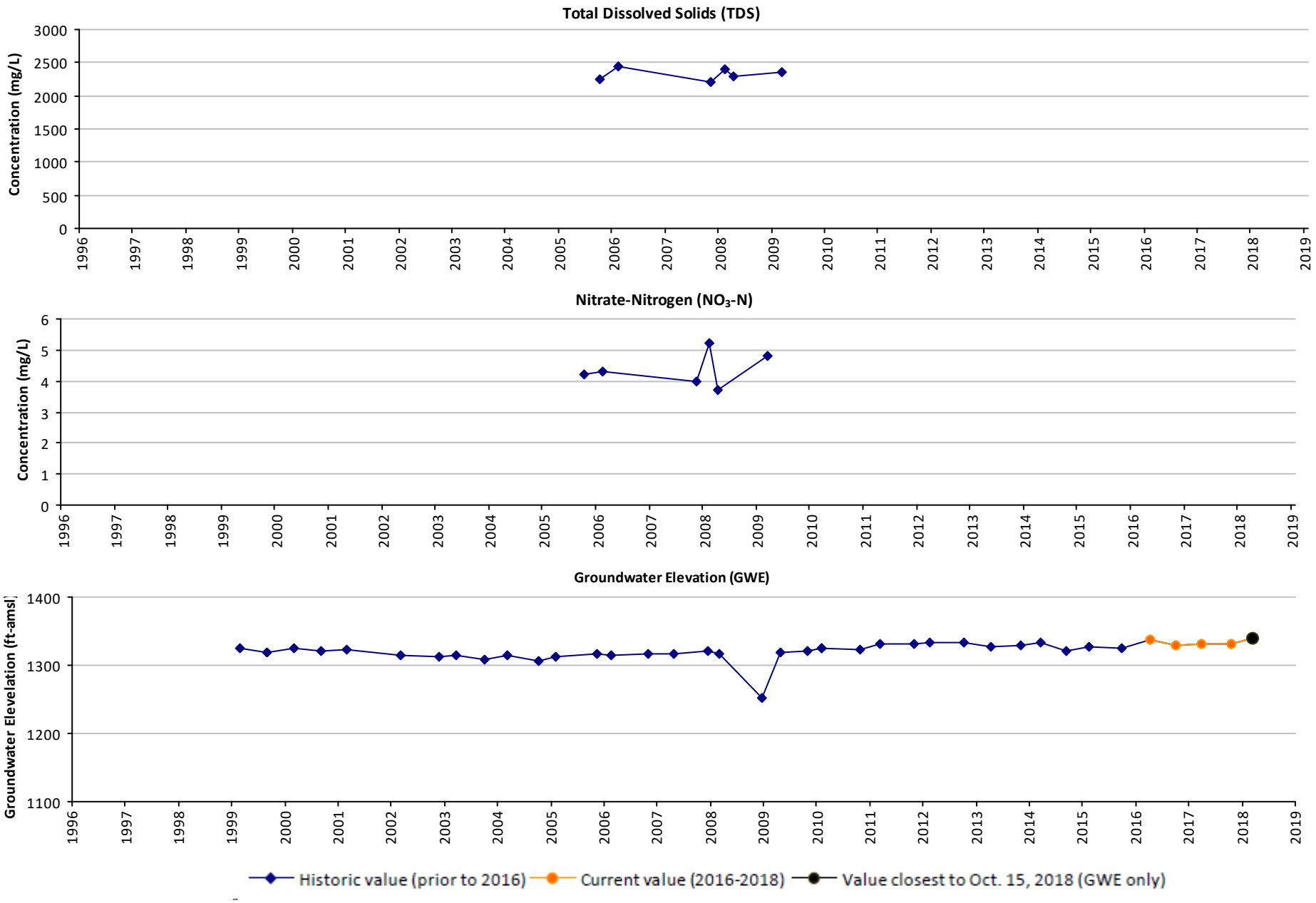

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

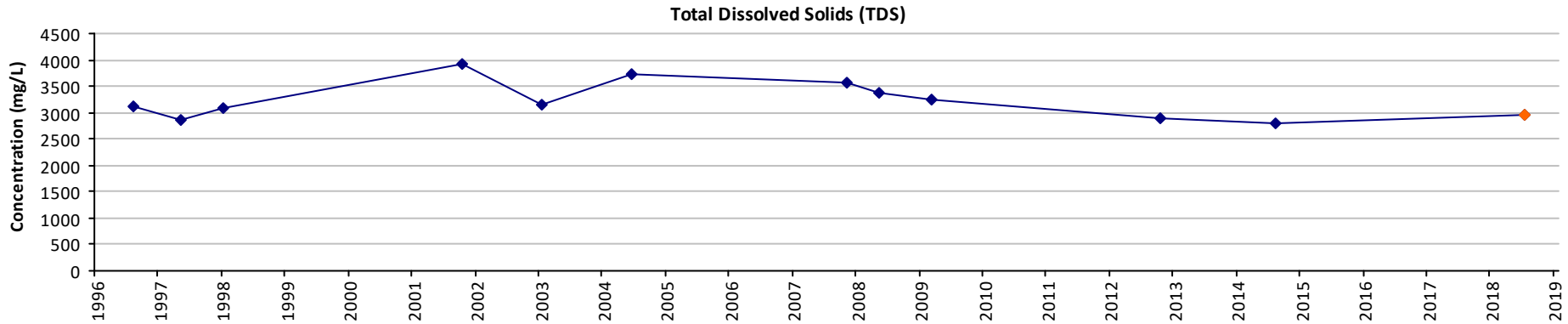

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

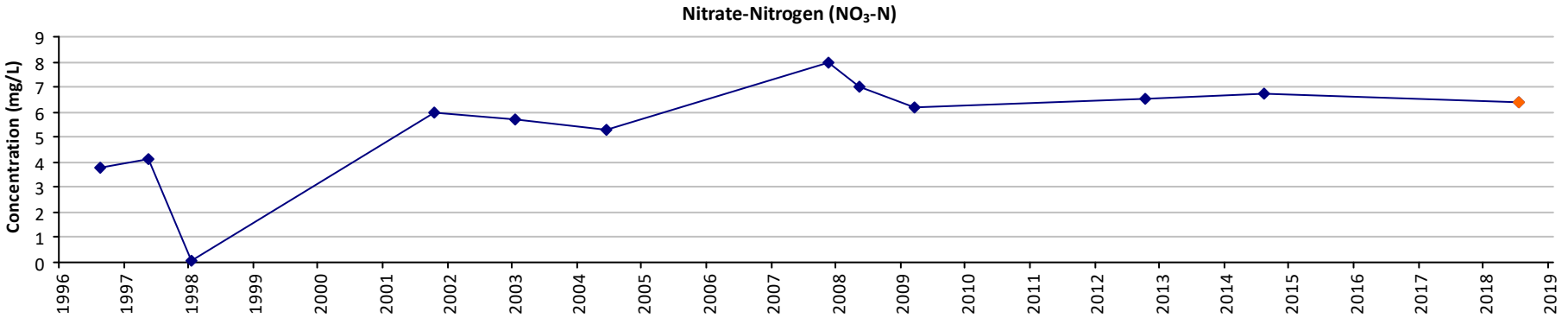

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

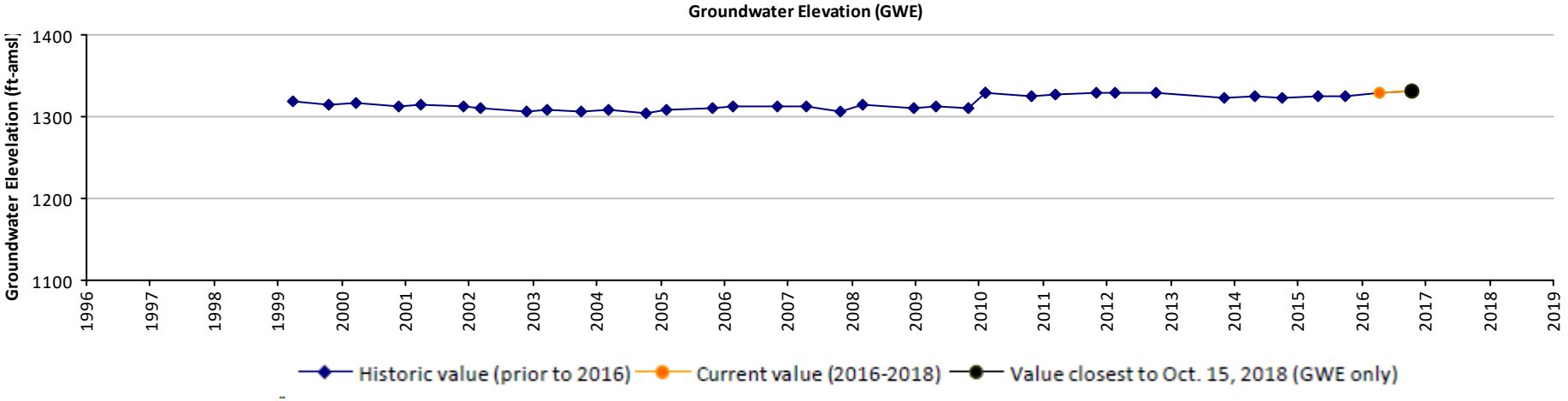

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

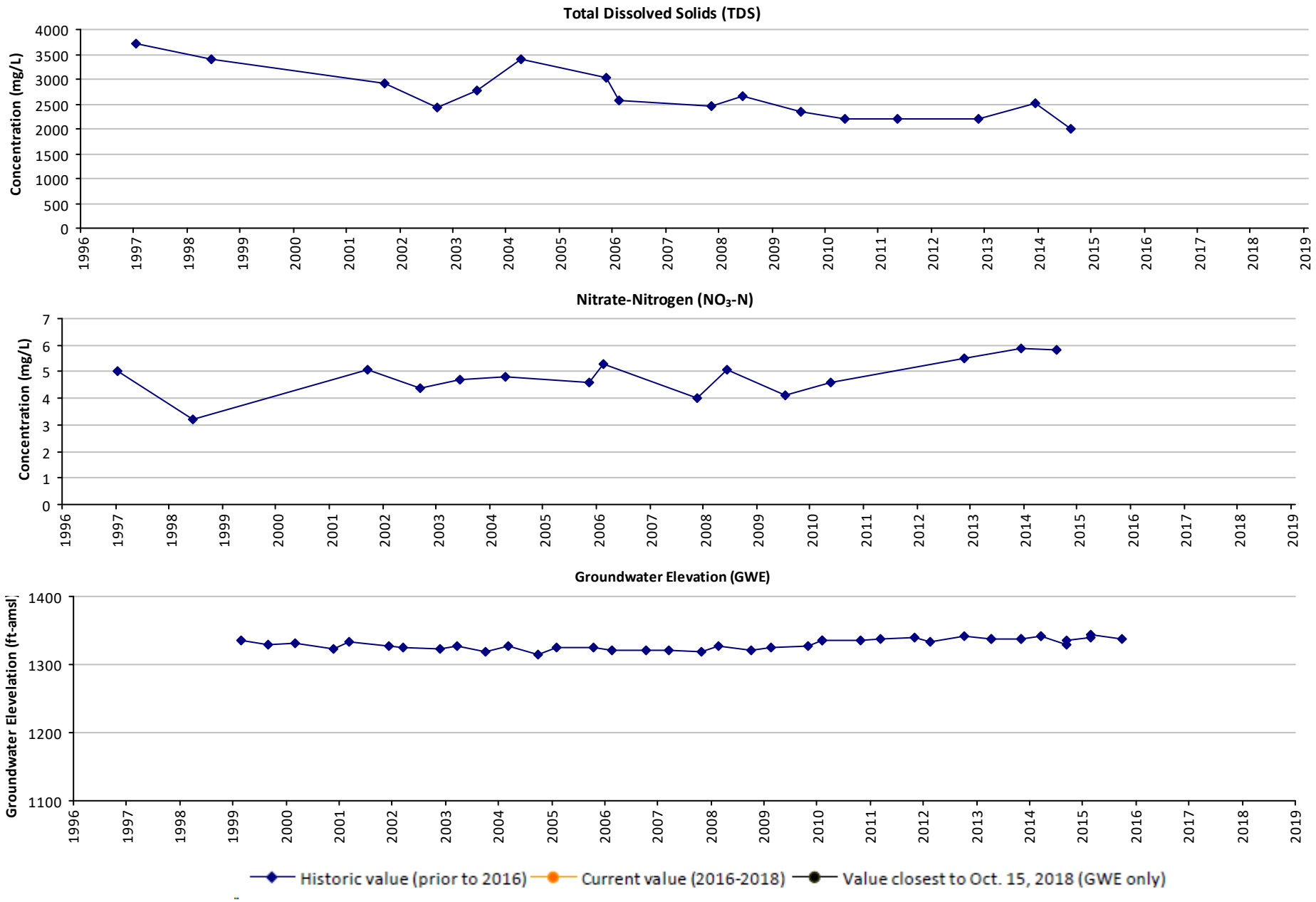

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

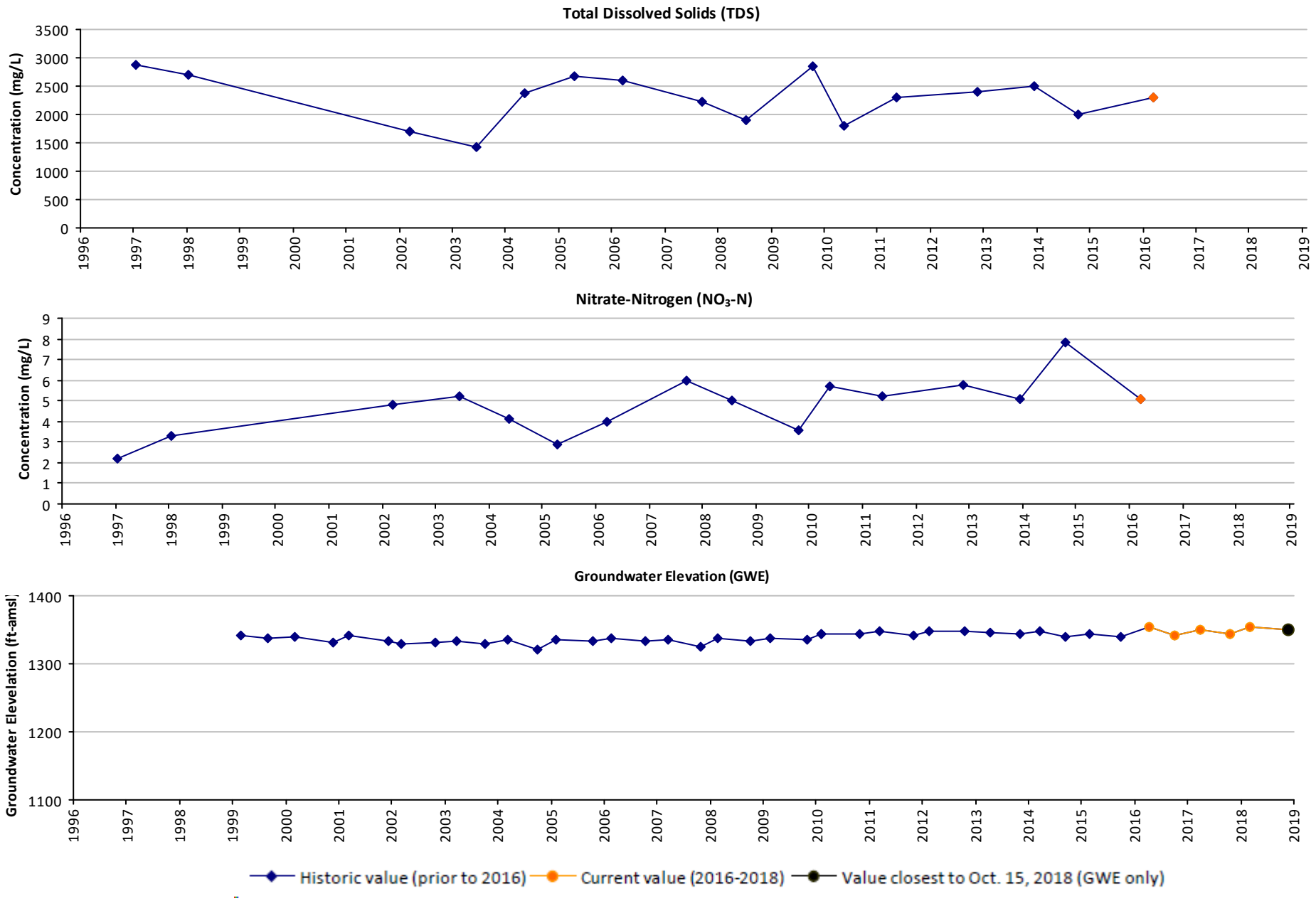

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

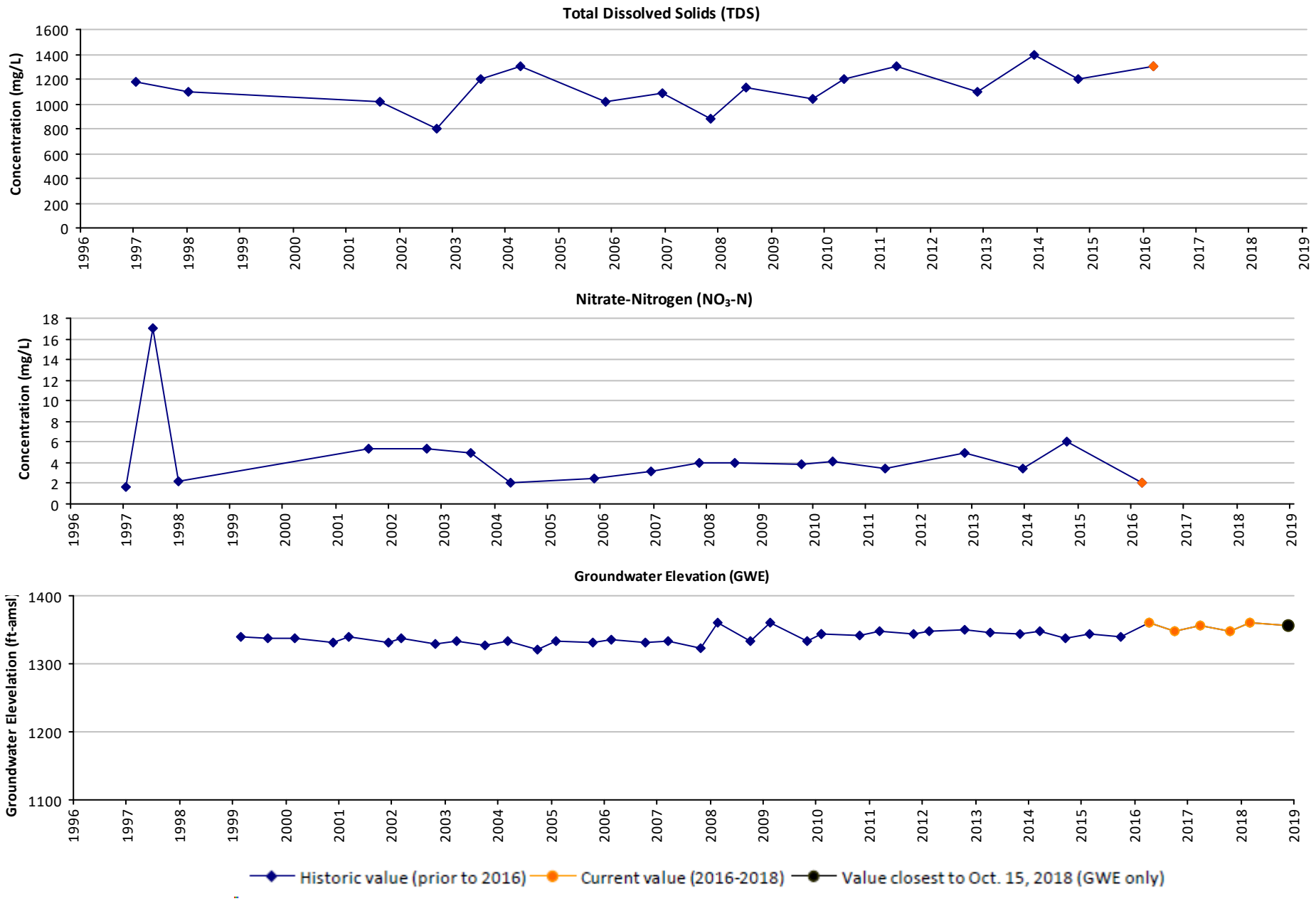

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

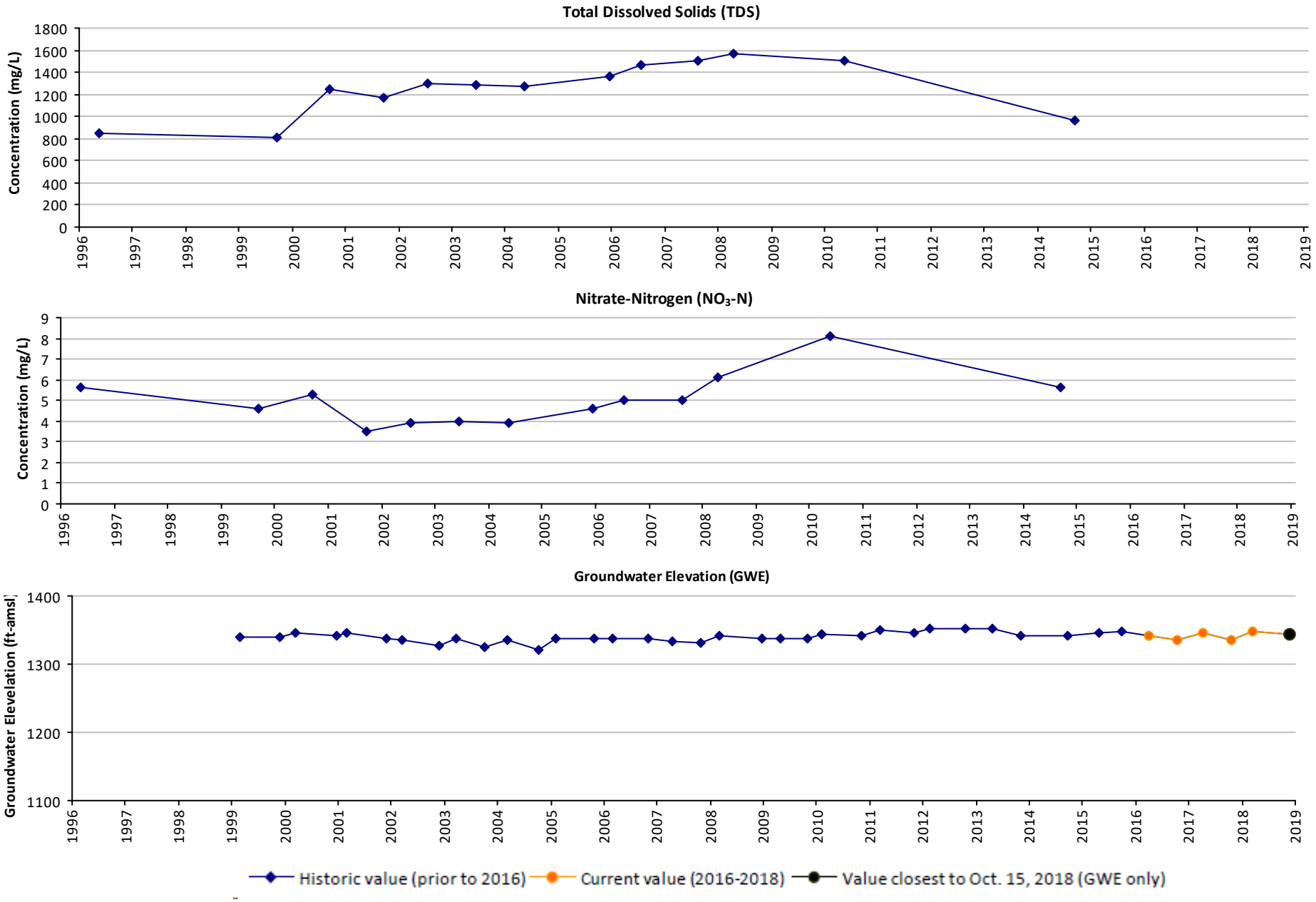

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

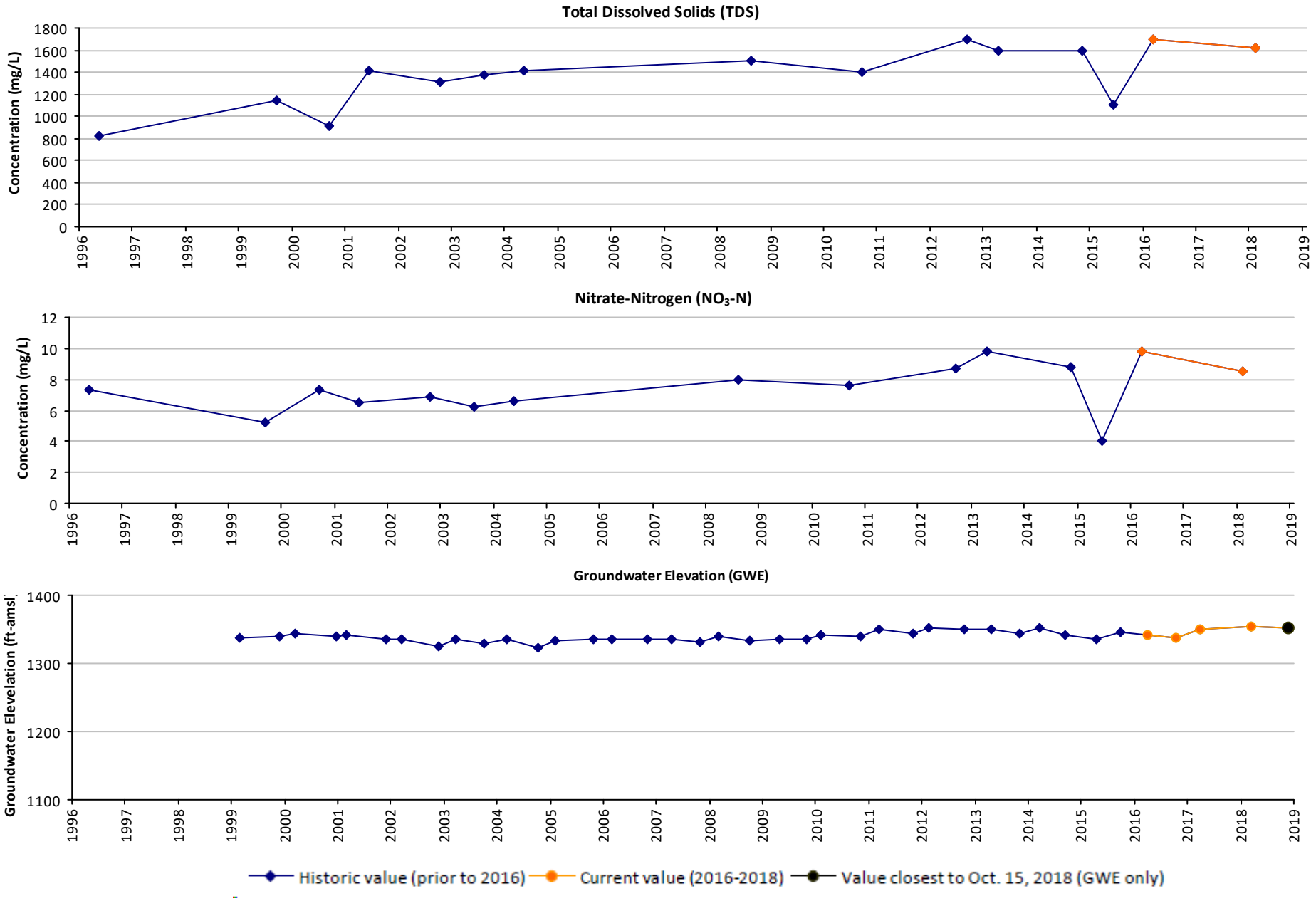

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

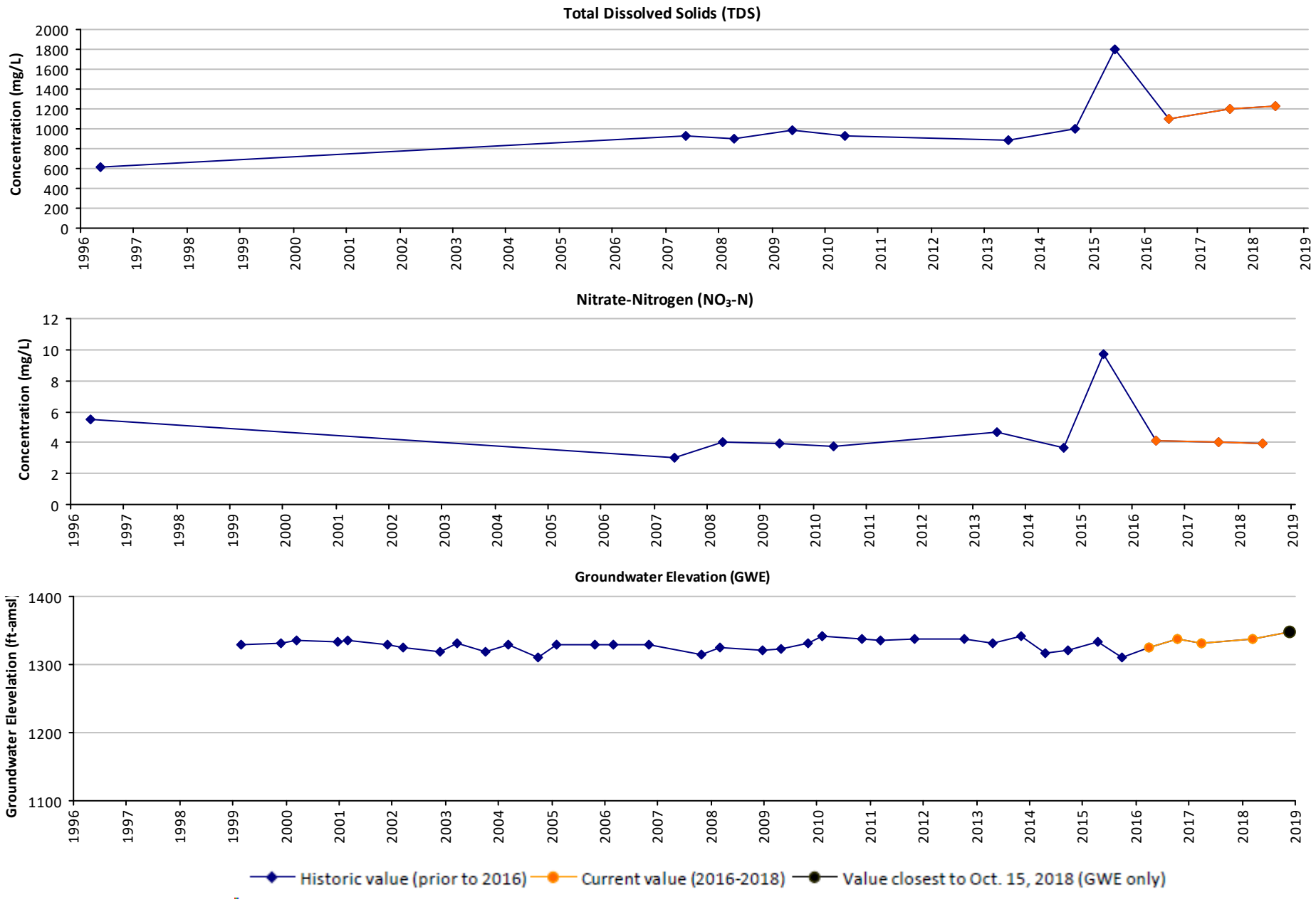

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

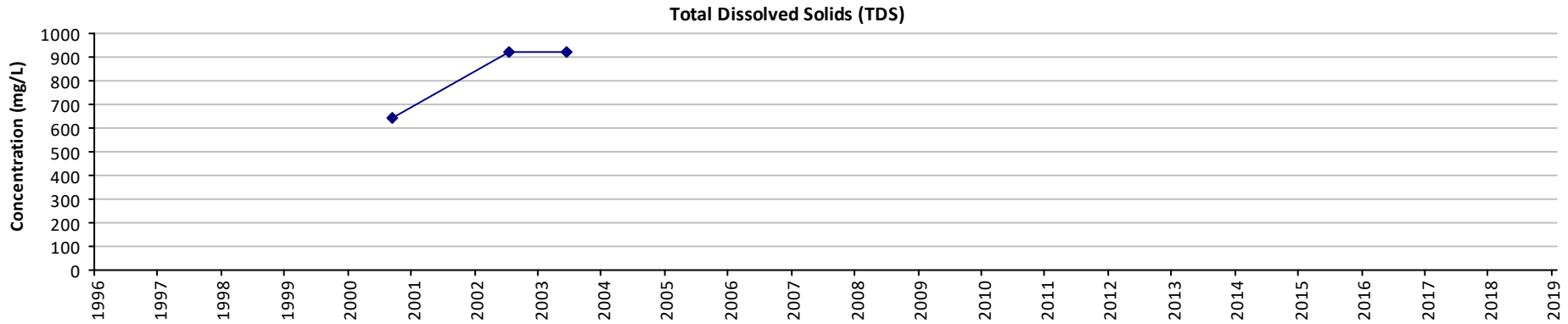

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

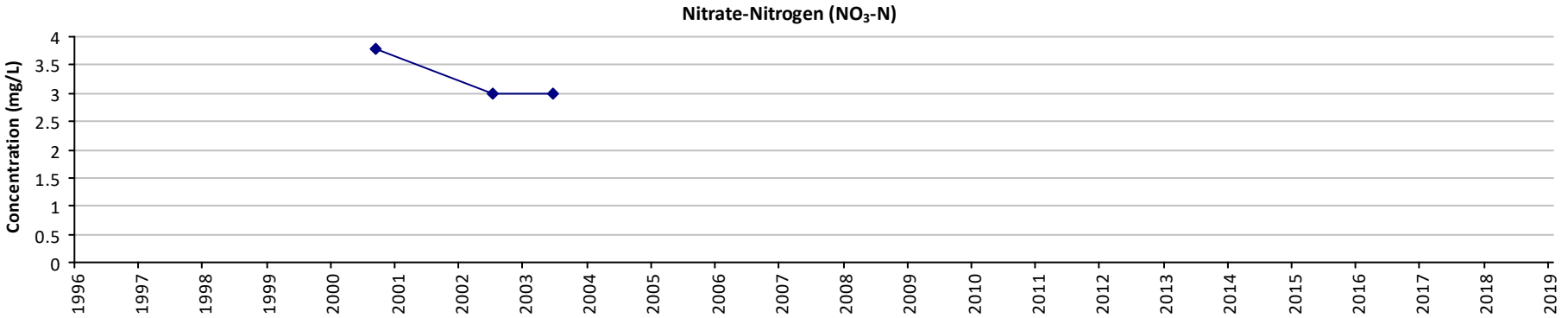

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

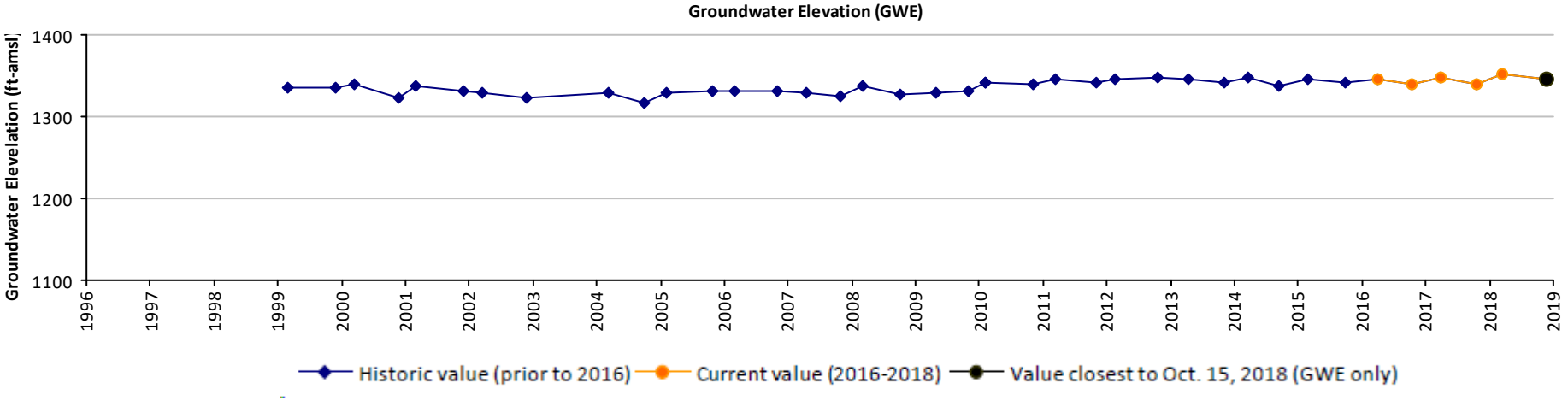

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

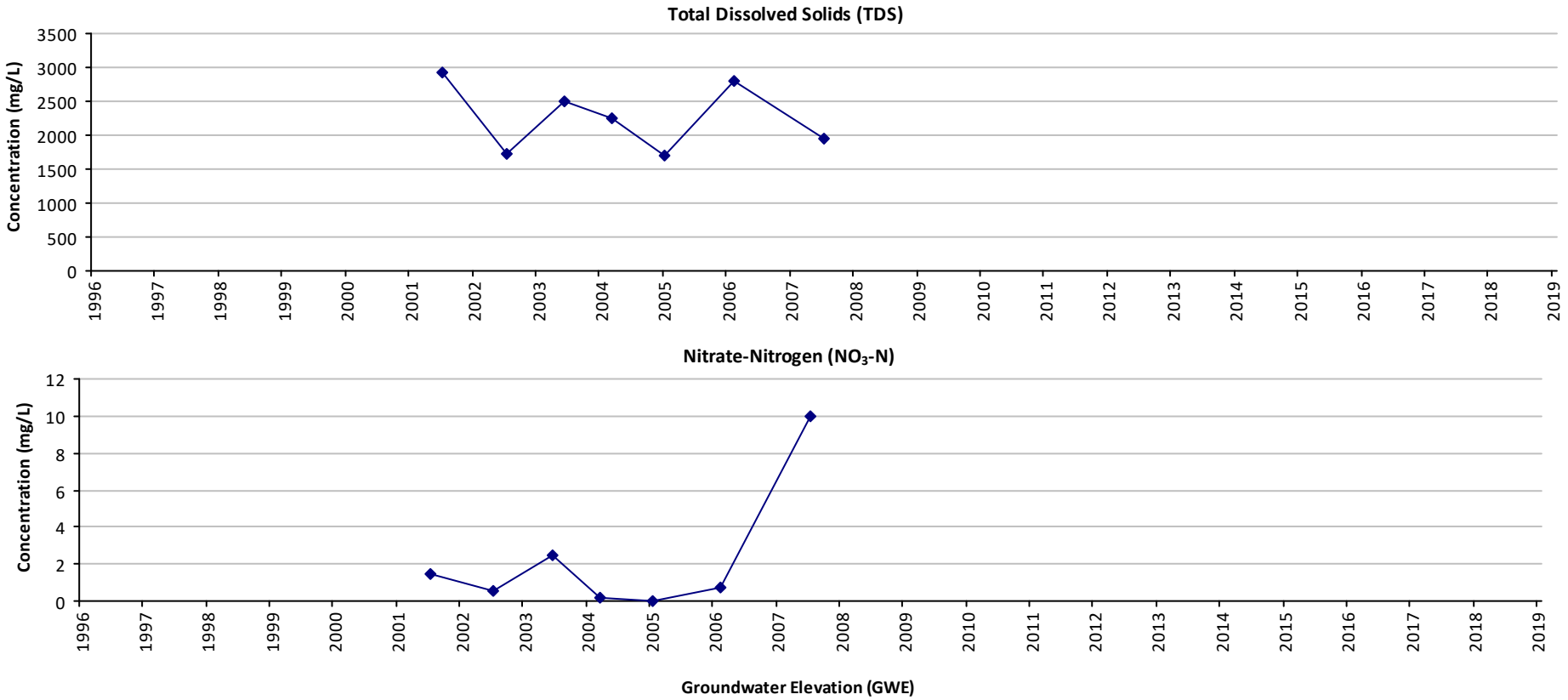

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1200
1300
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

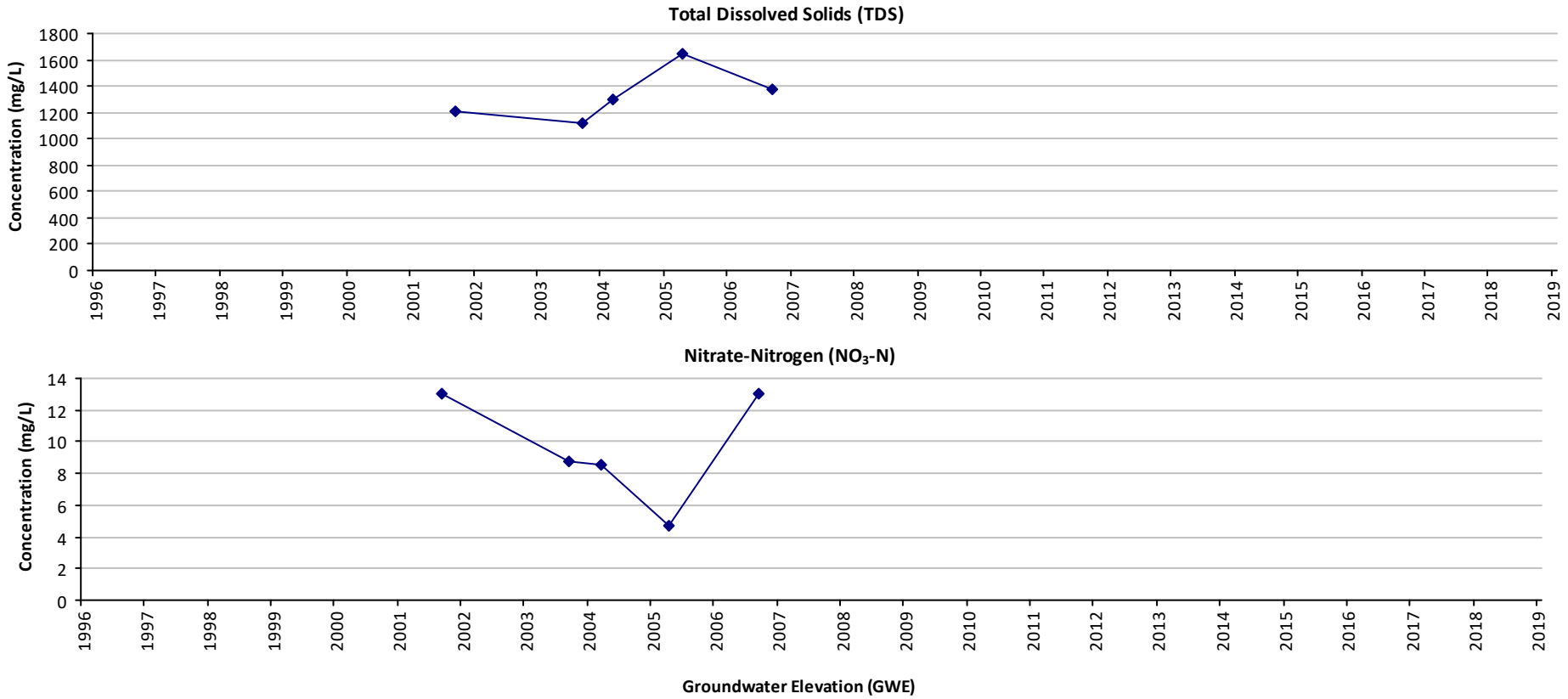

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

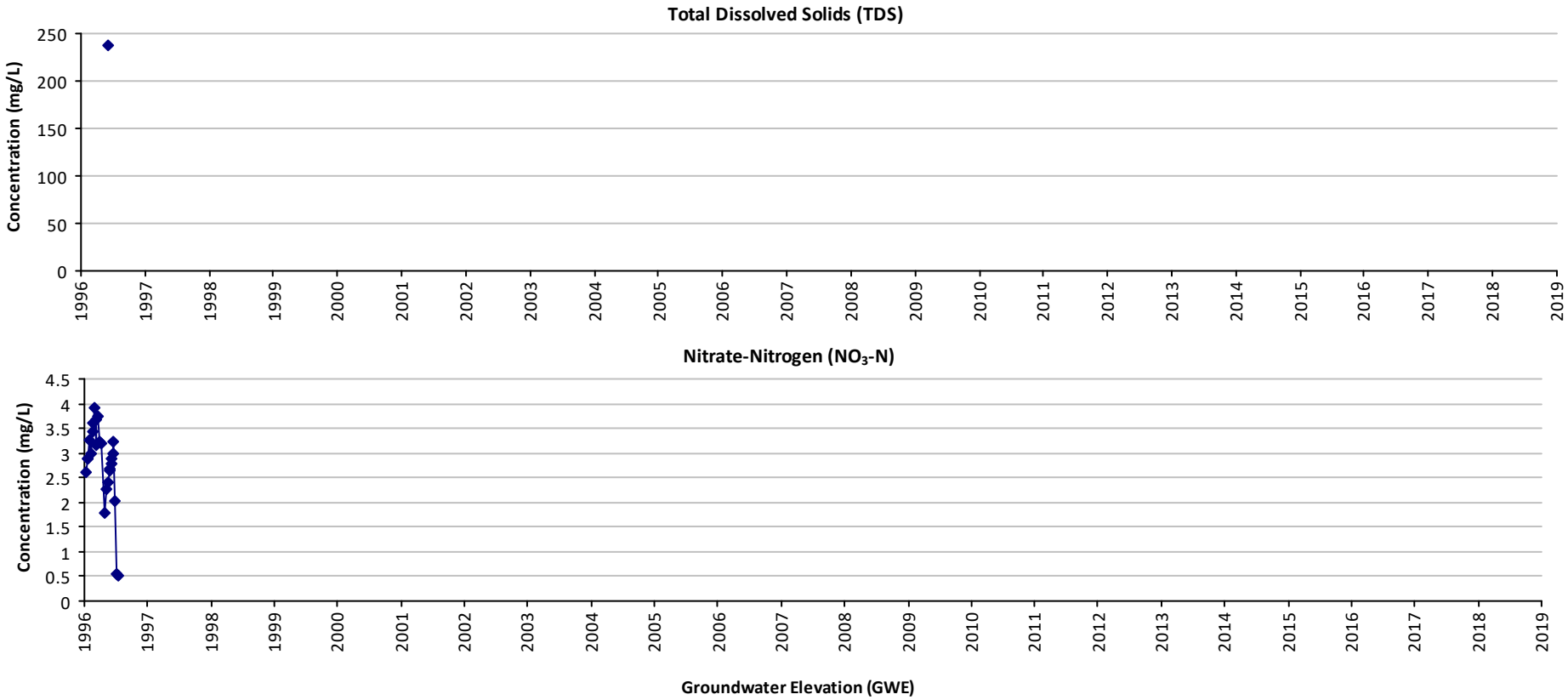

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

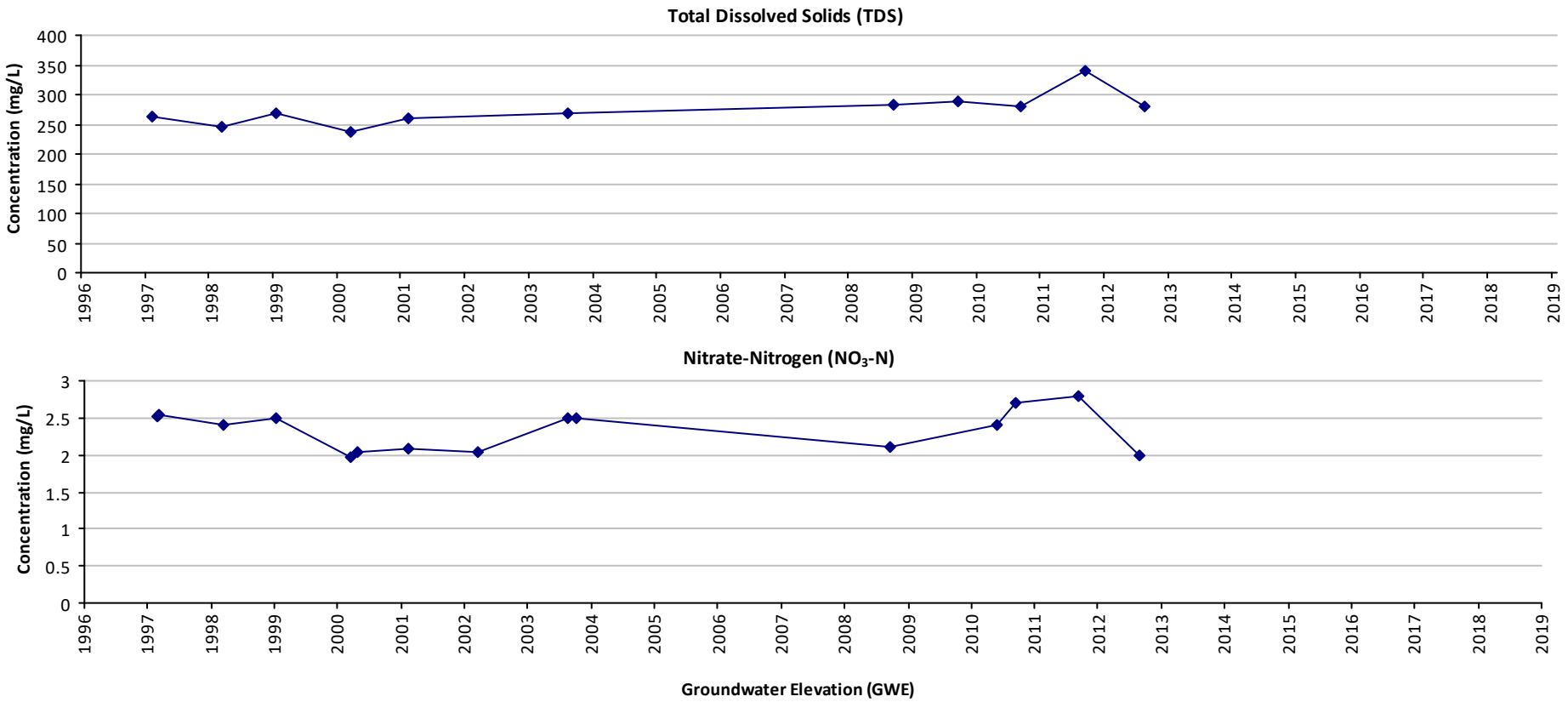
Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

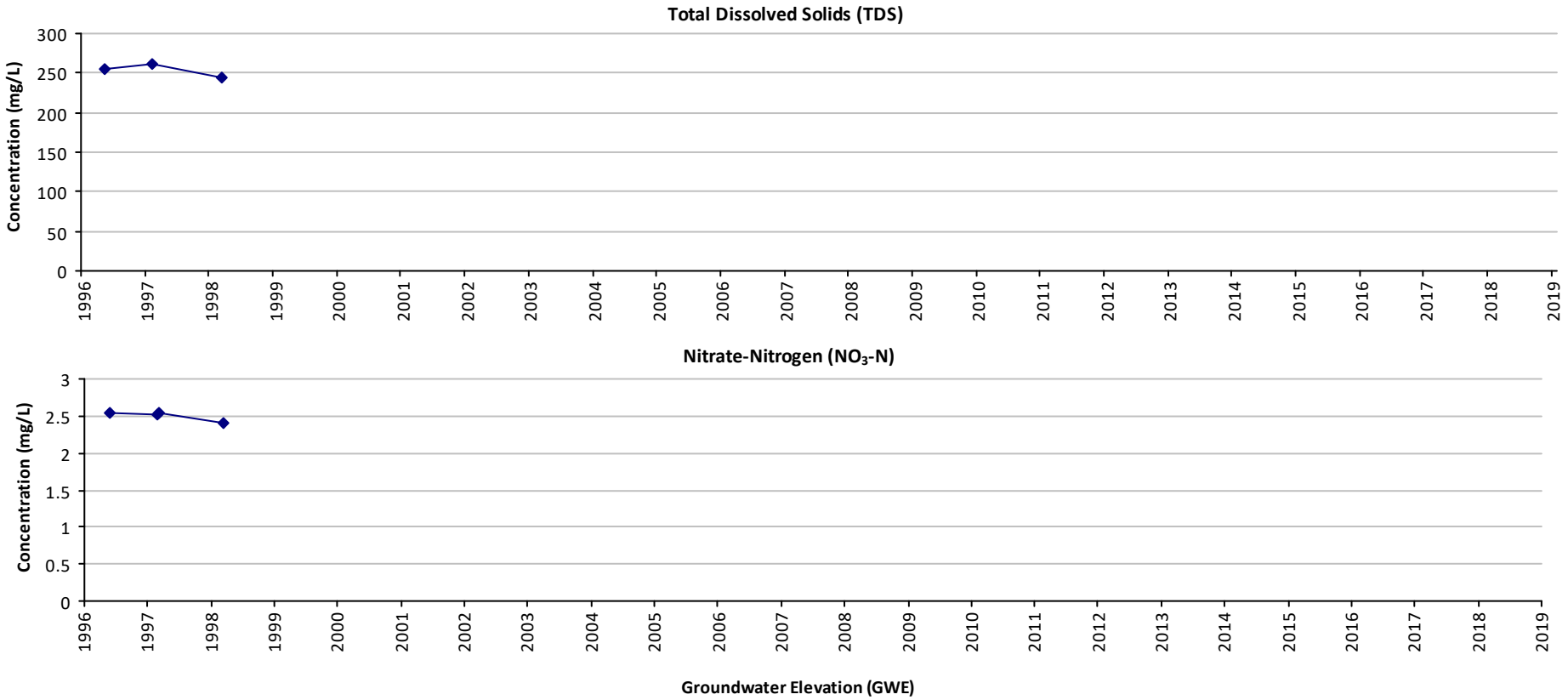
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1000008
Management Zone: Non Applicable

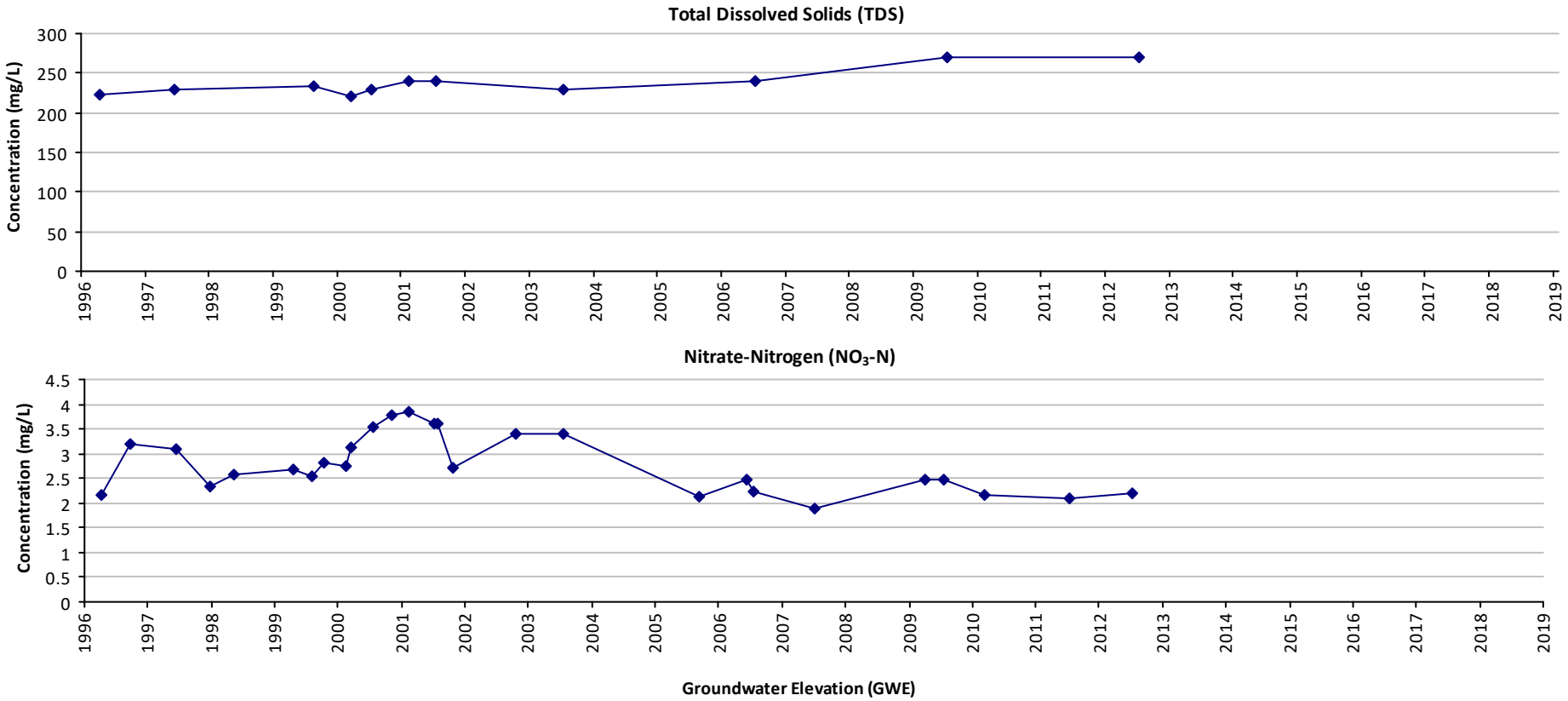


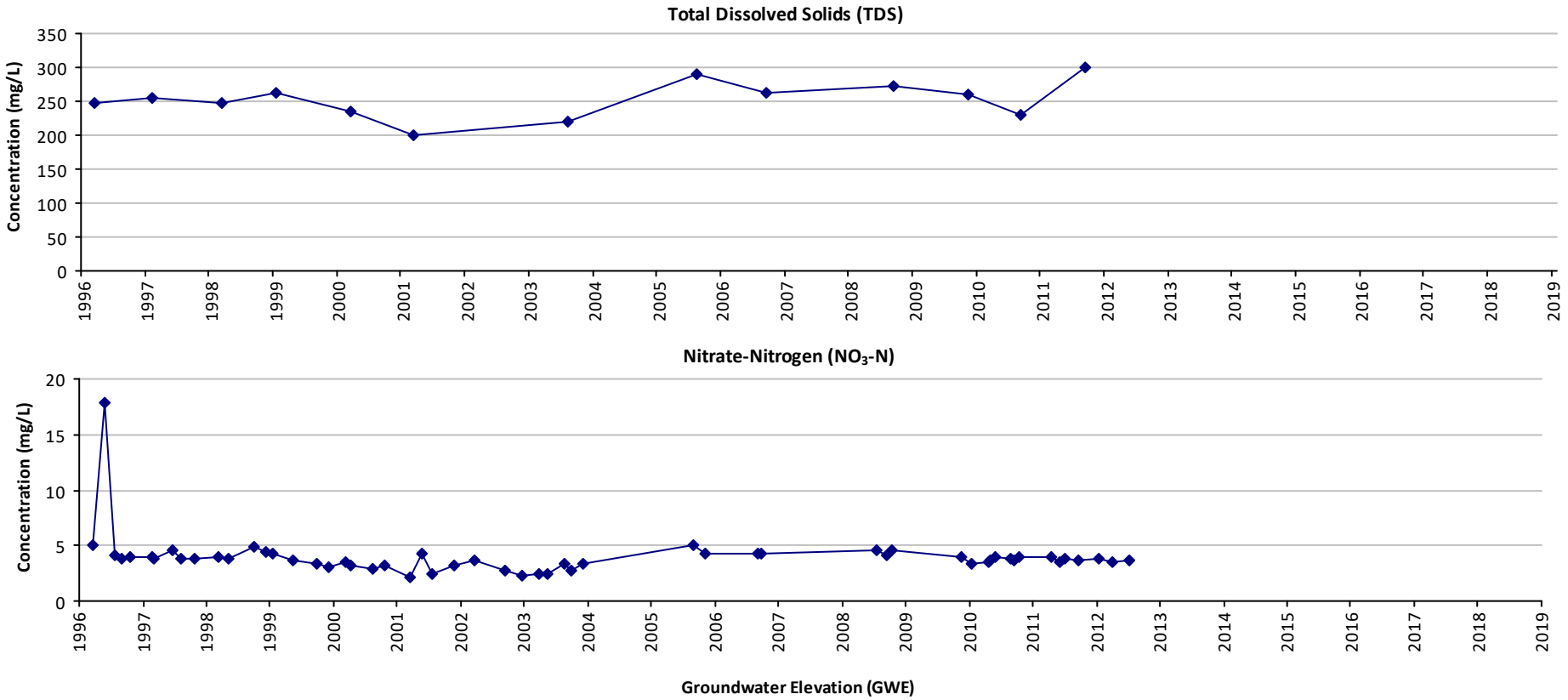
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

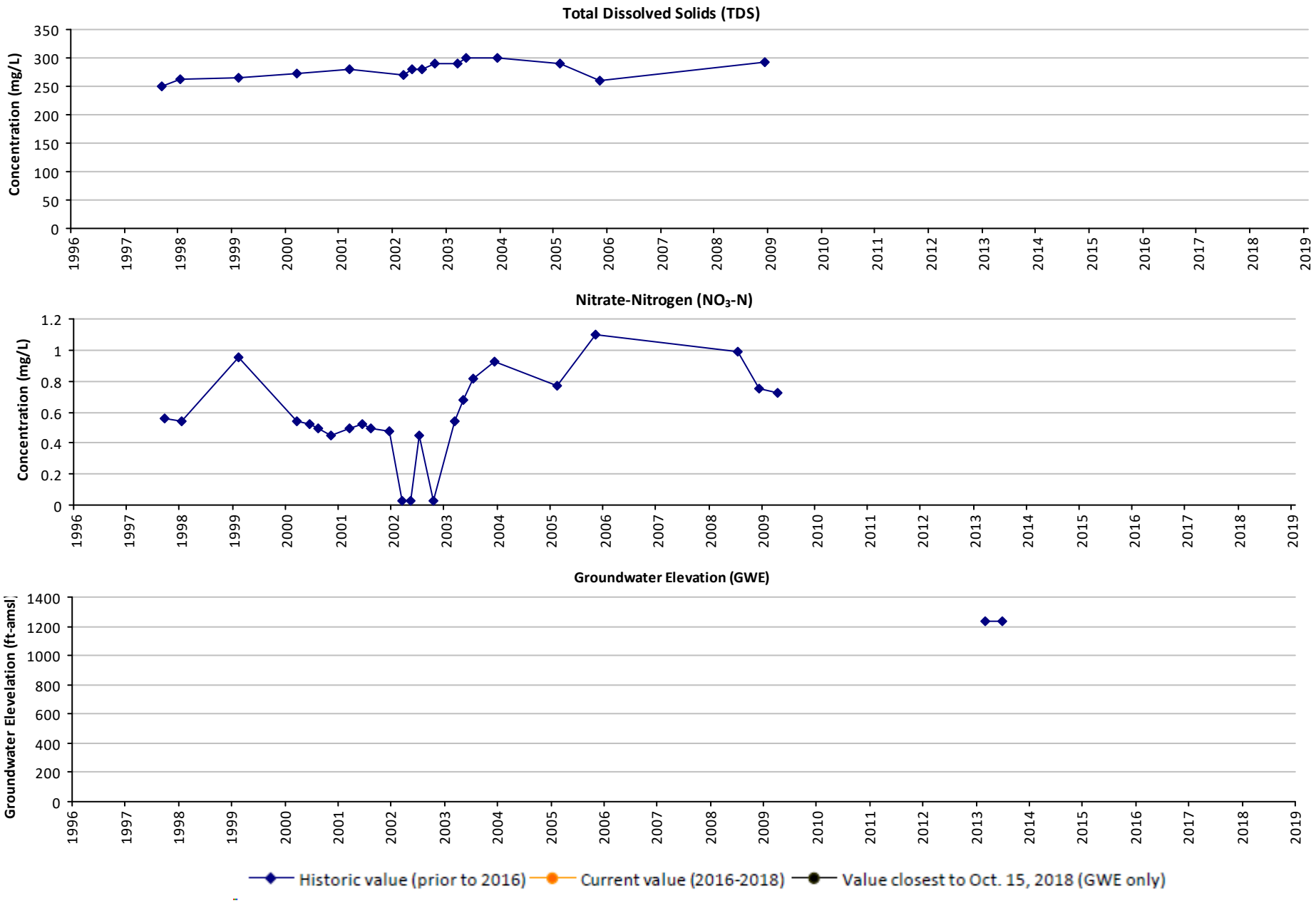

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

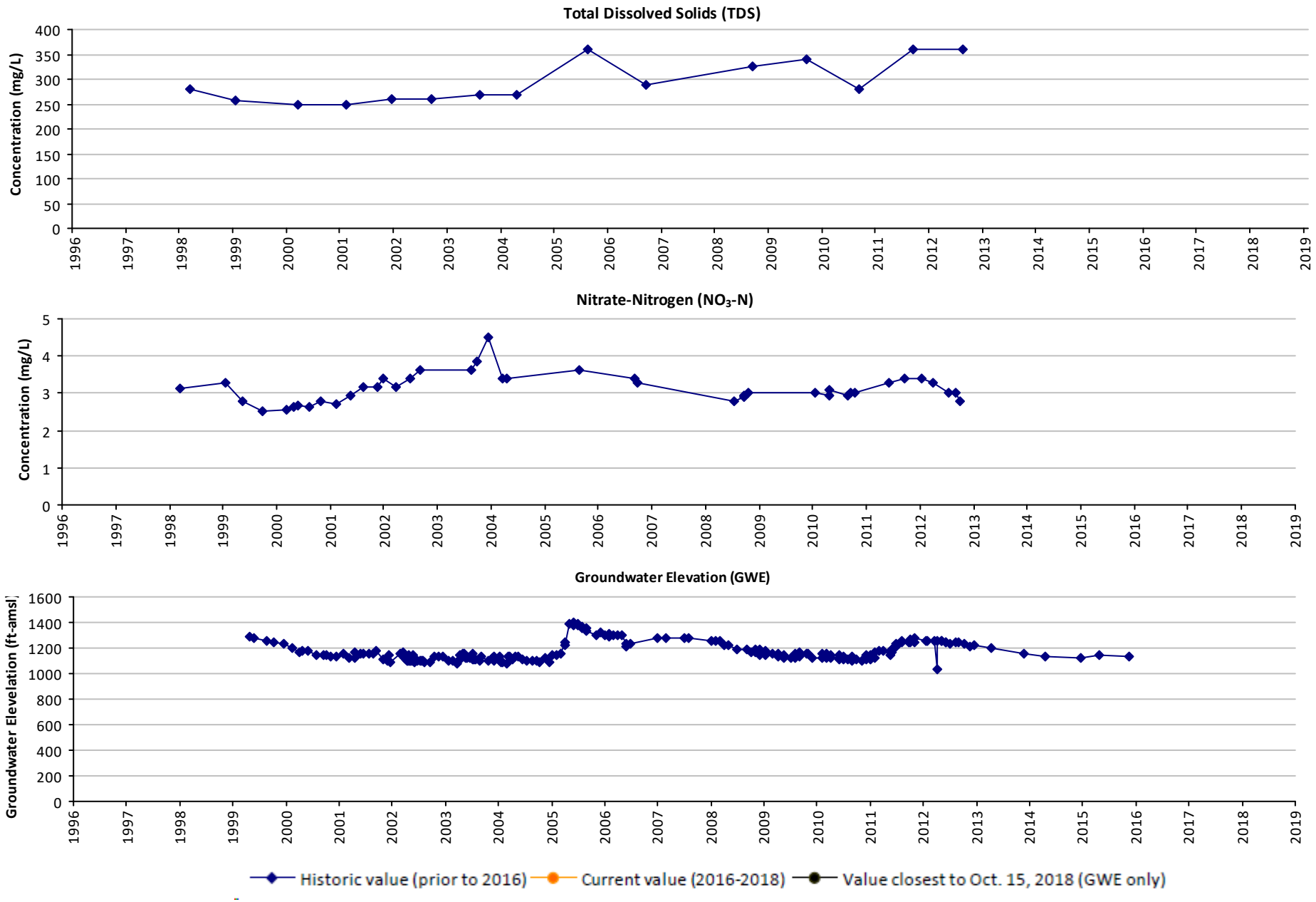


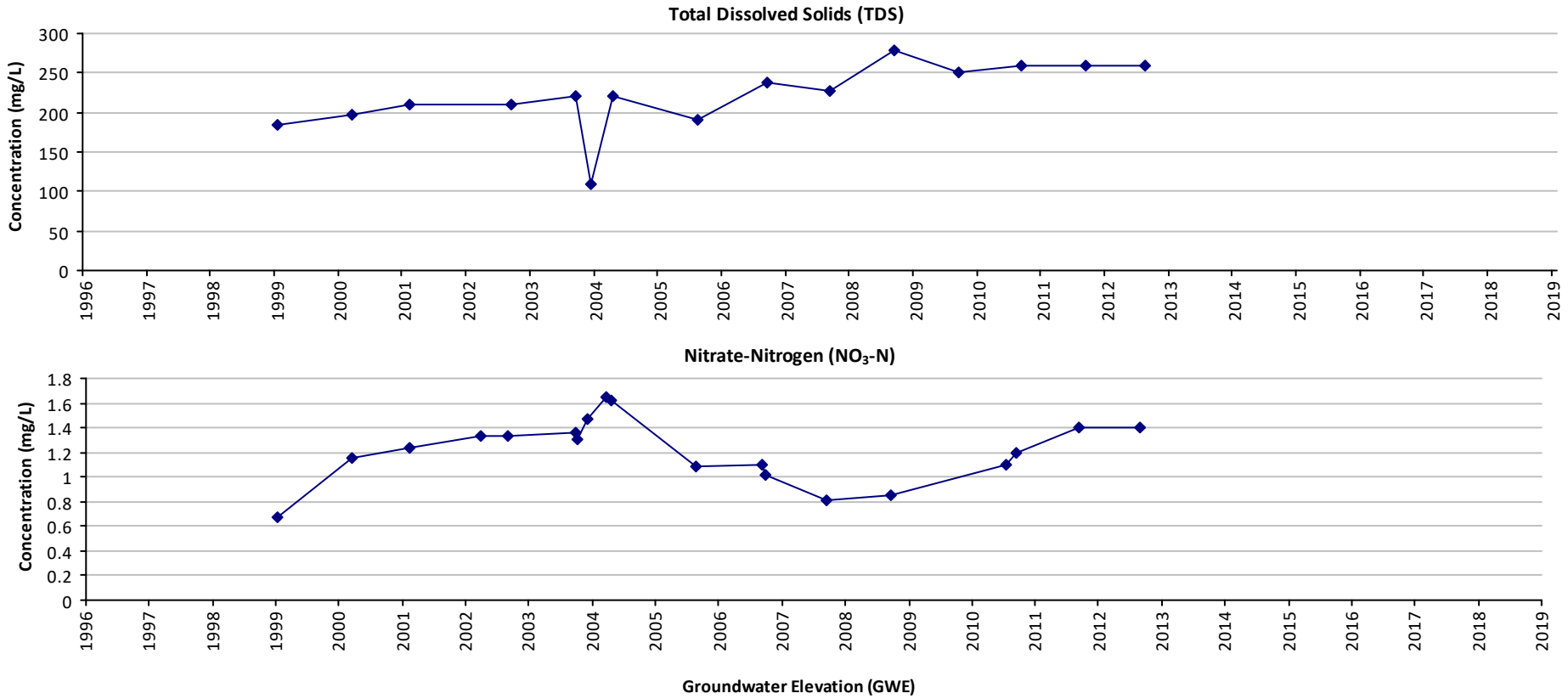
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

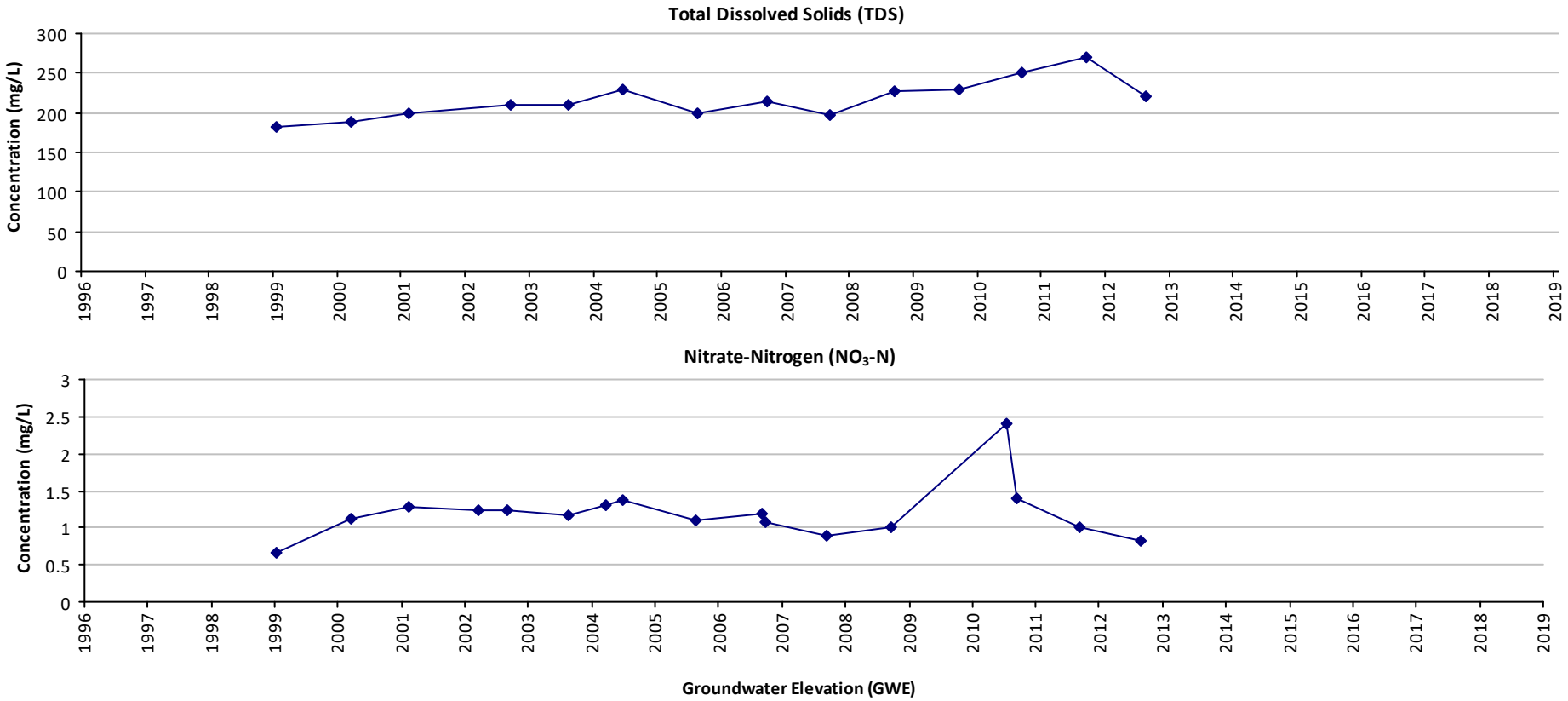

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

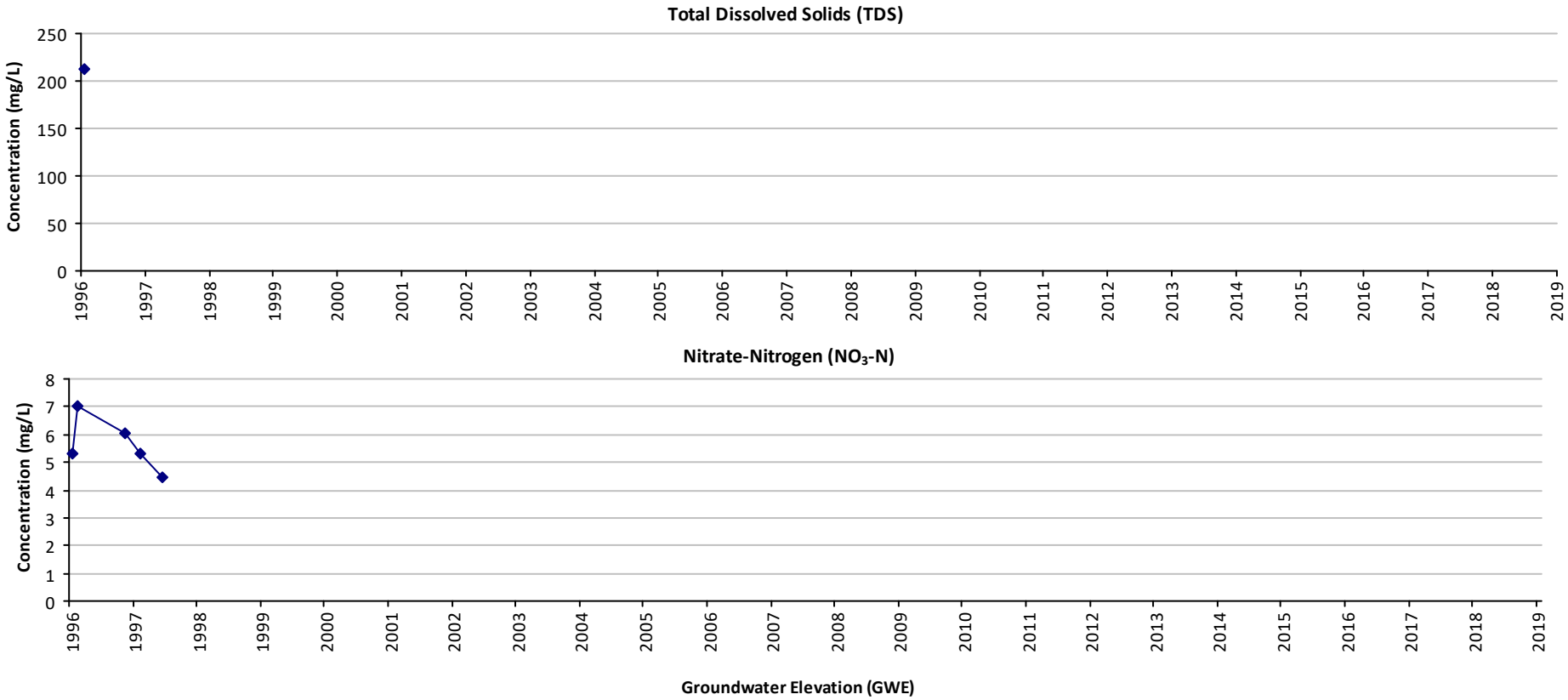

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

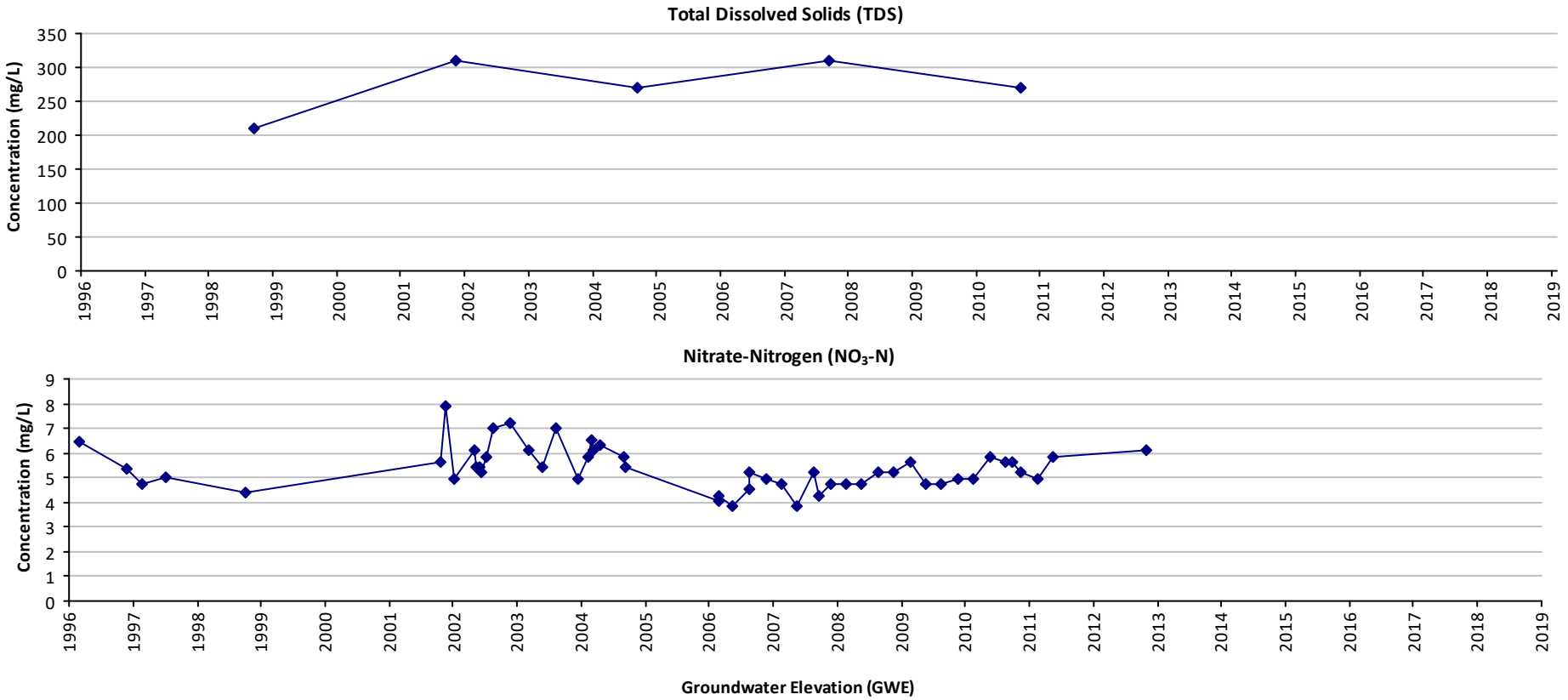

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



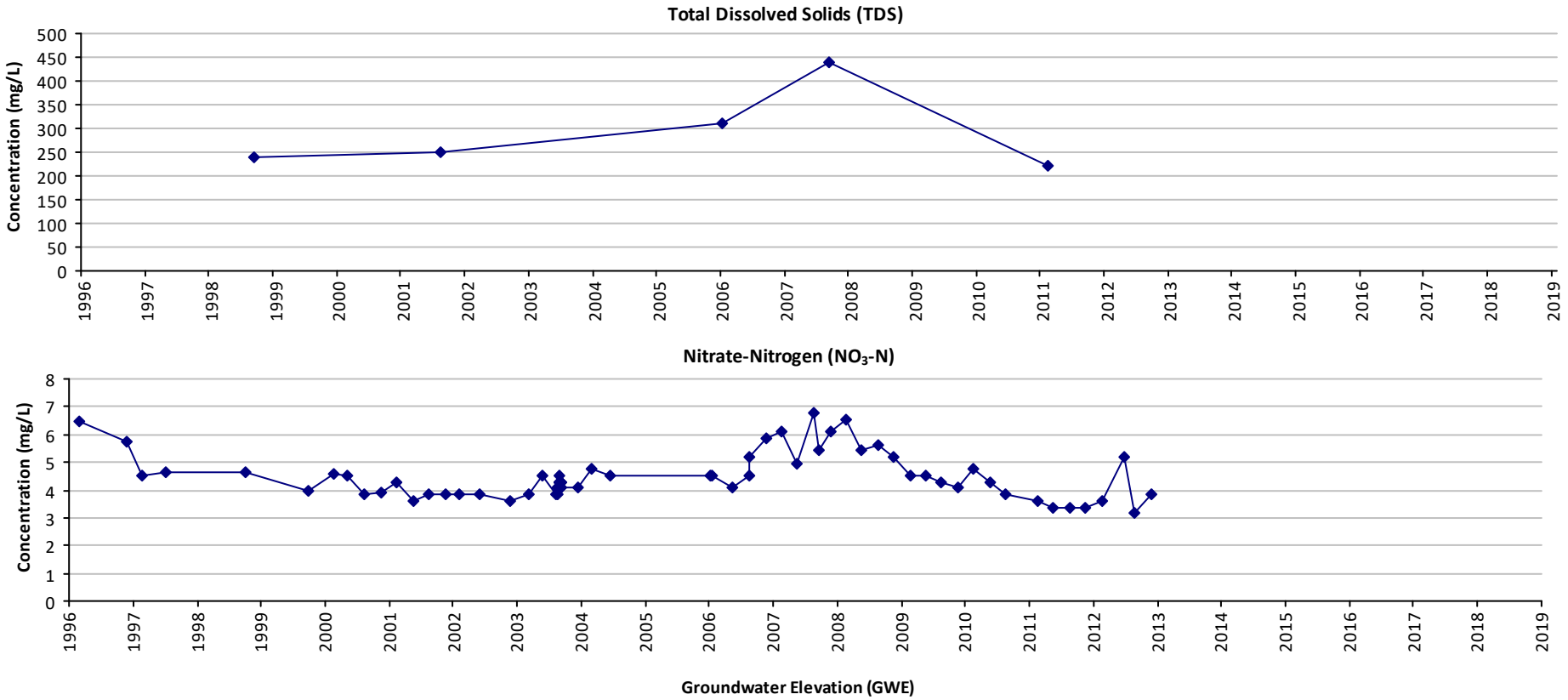
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

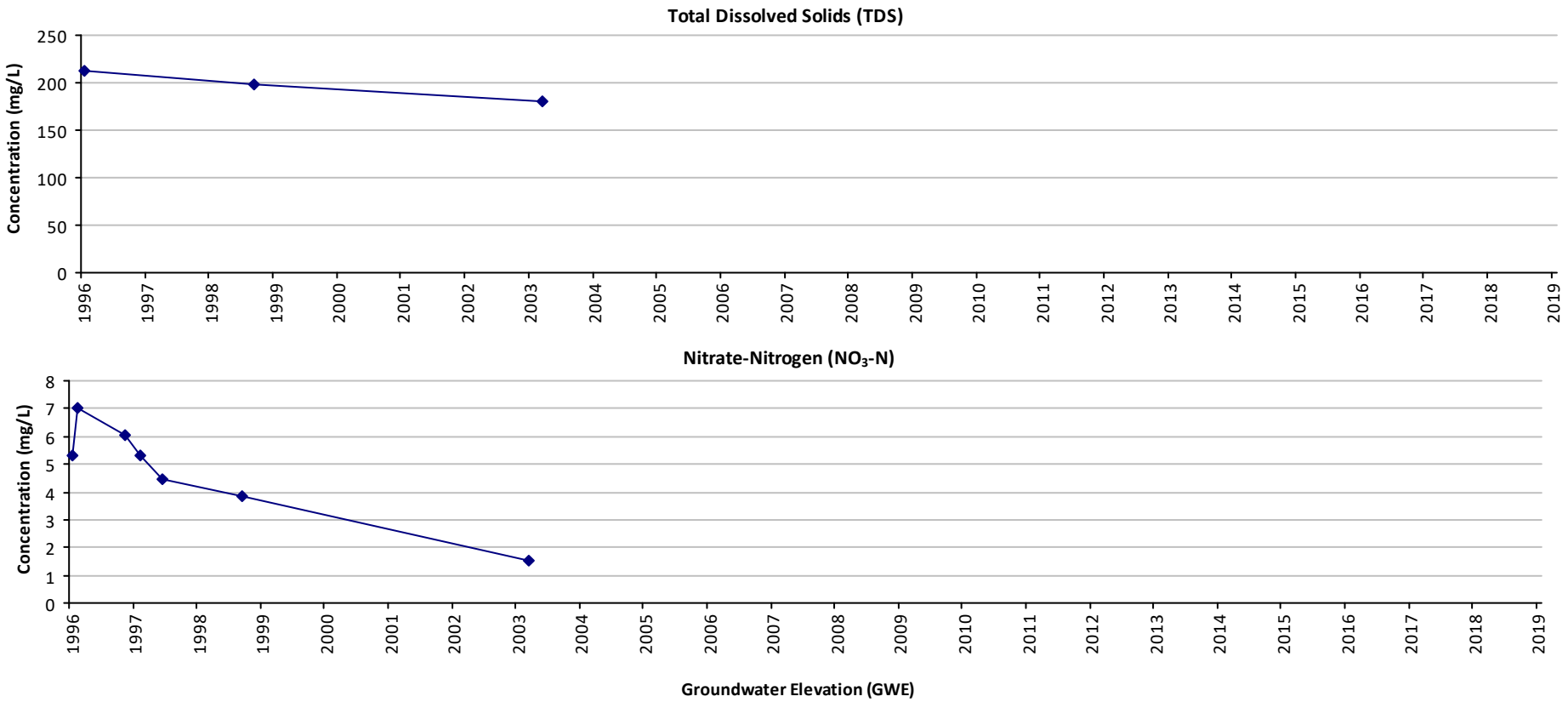

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

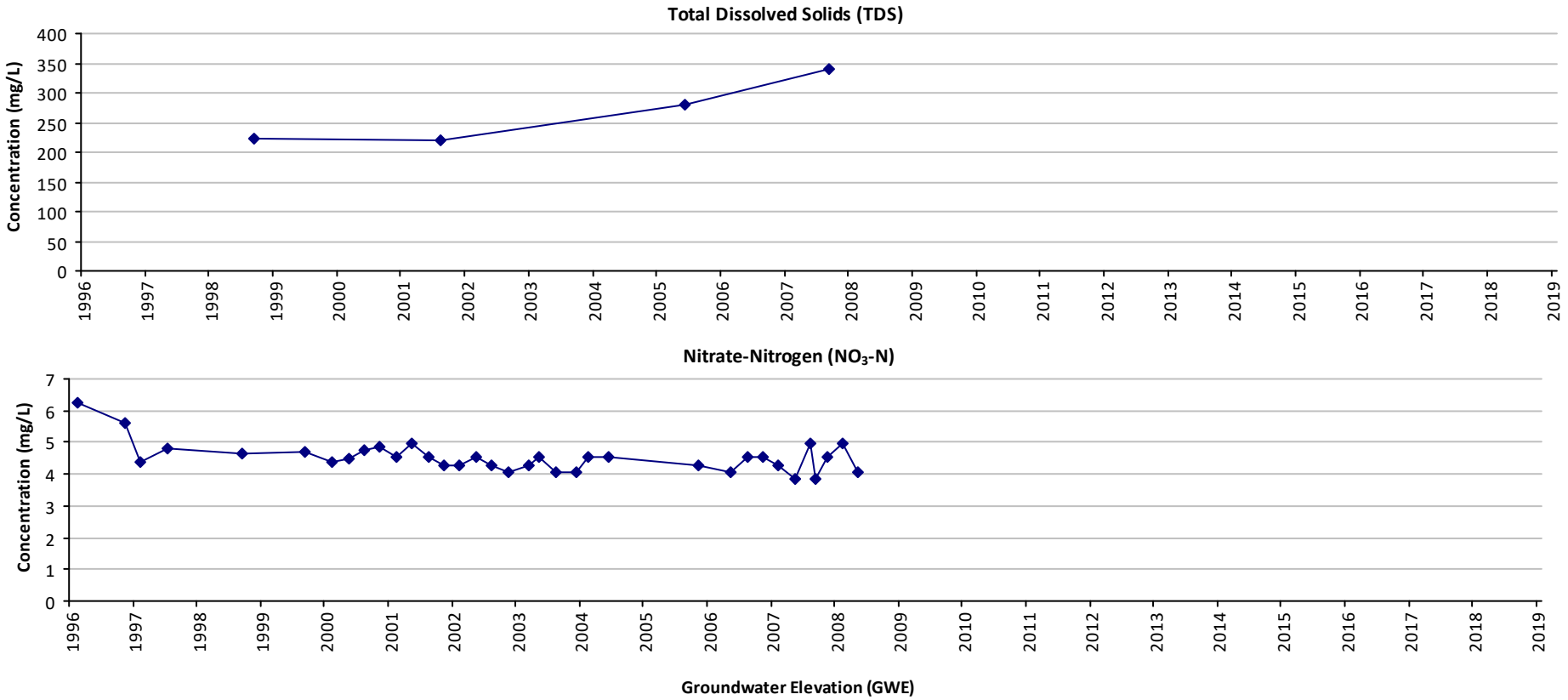

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

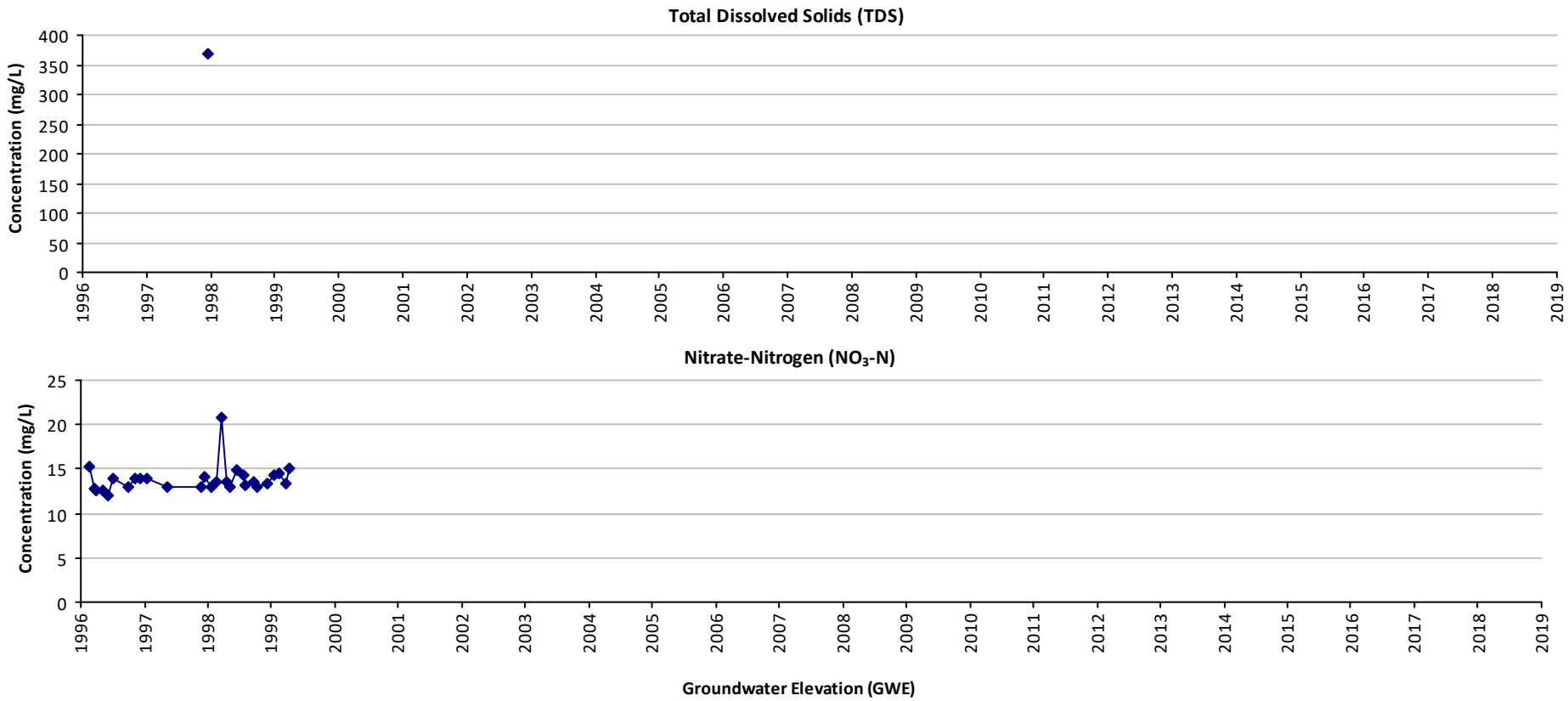


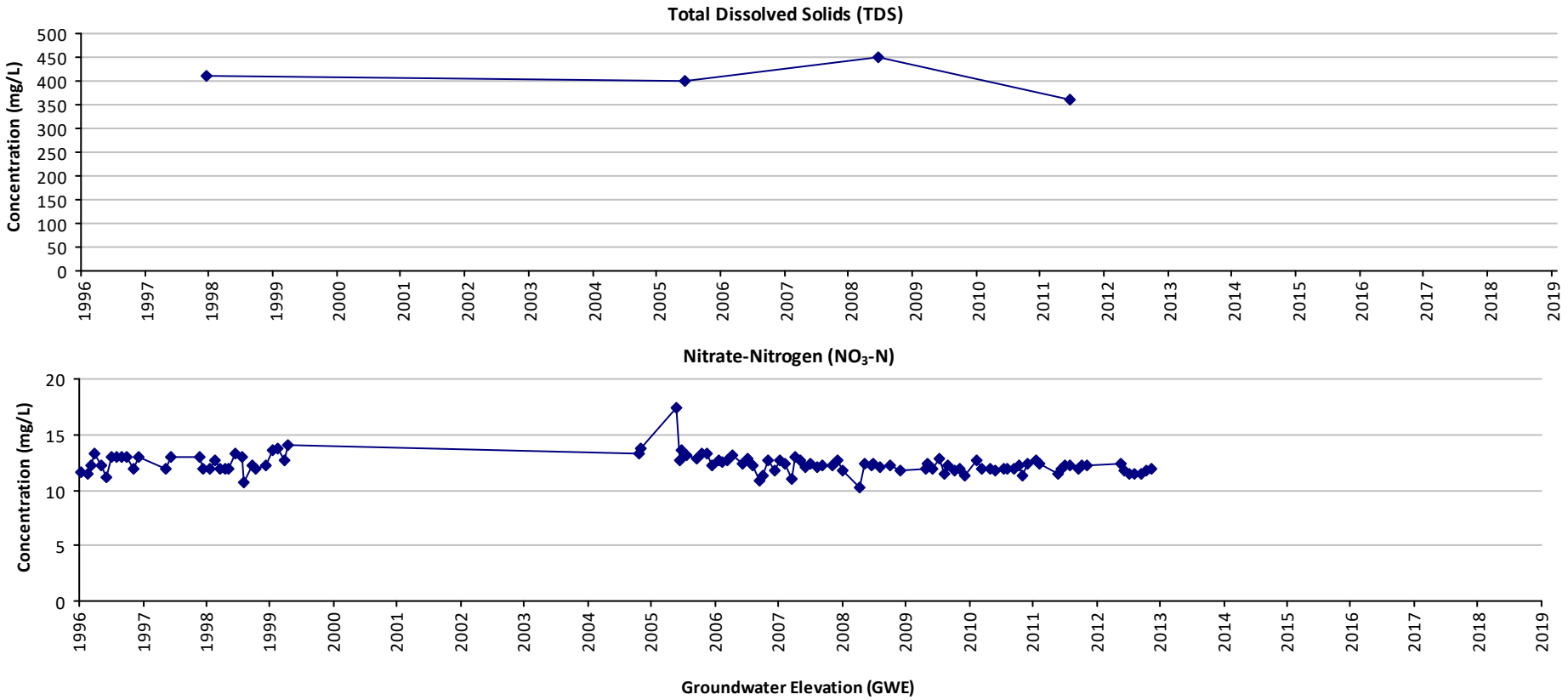
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

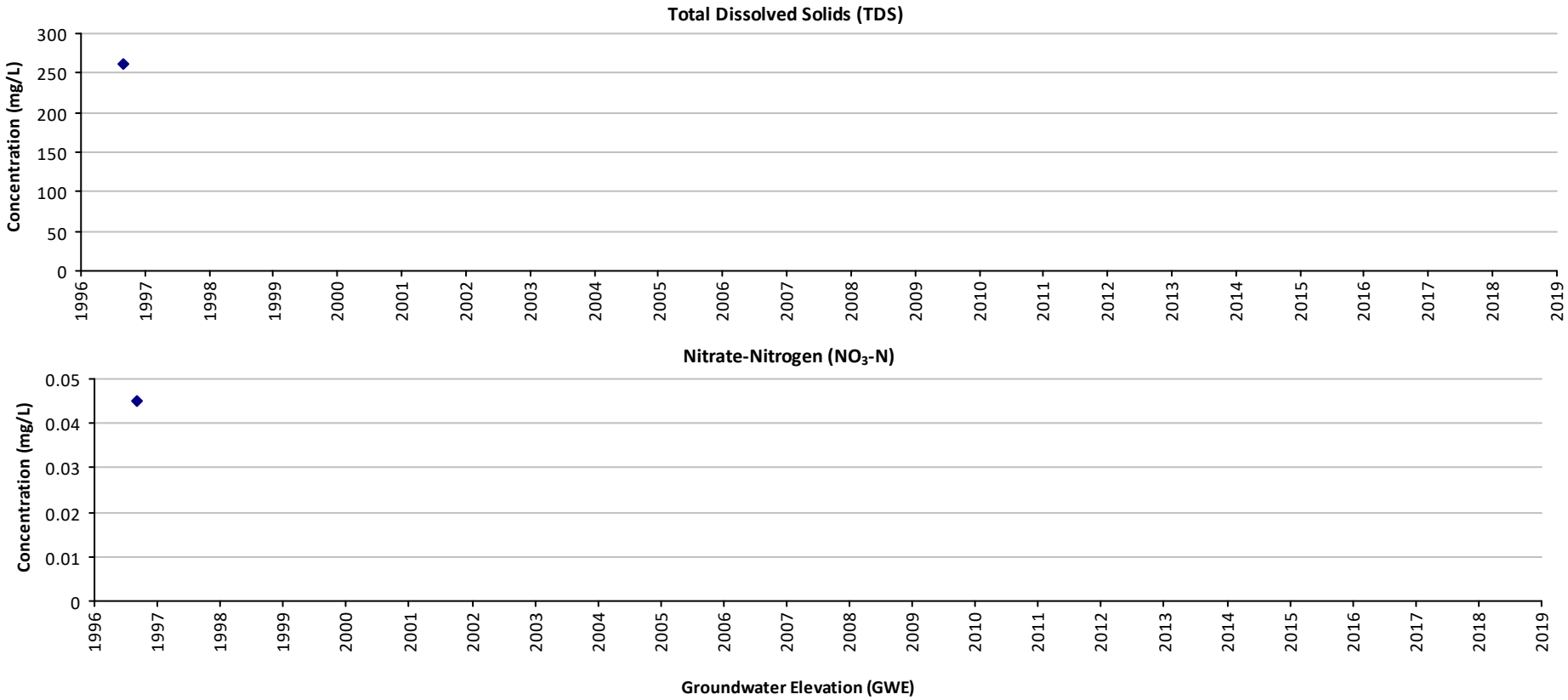

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

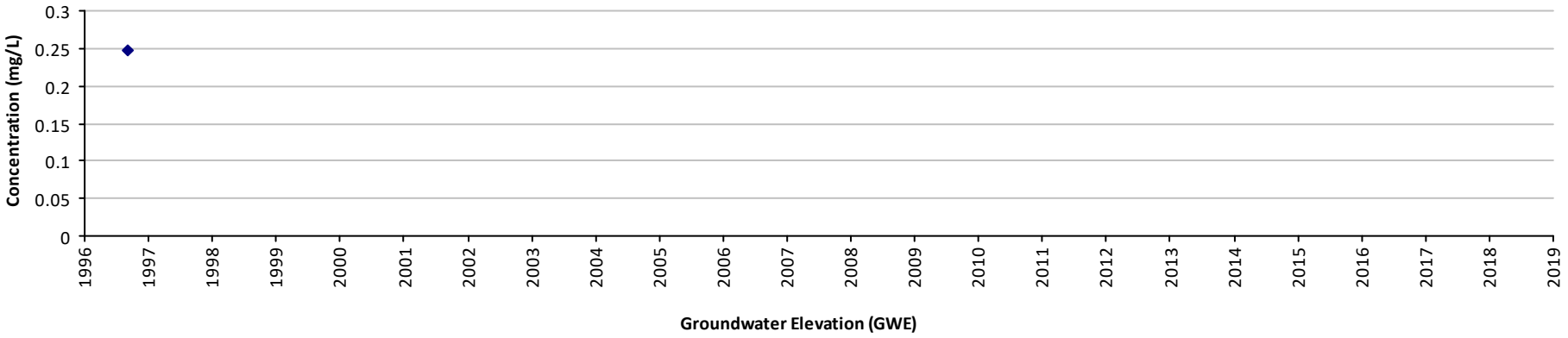

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.05
0.04
0.03
0.02
0.01
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

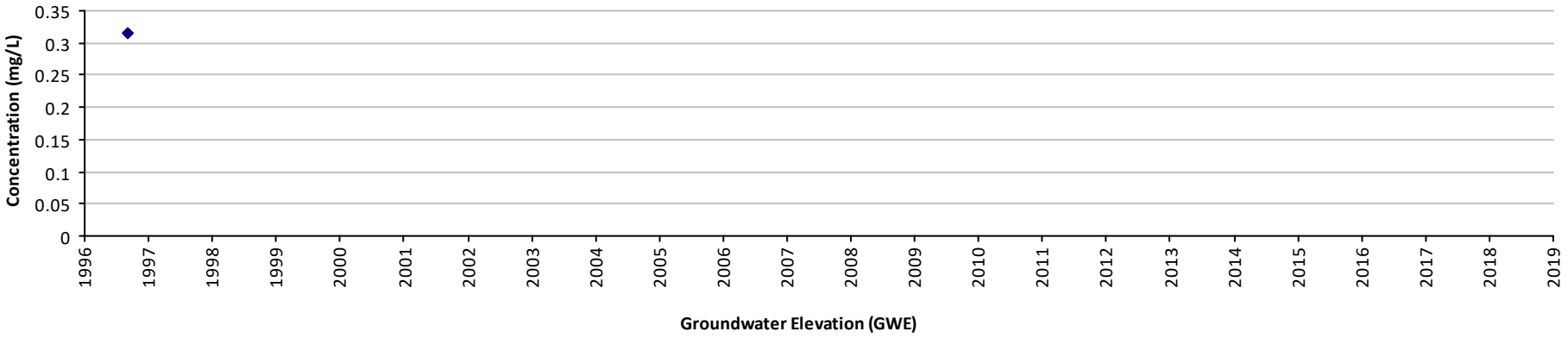
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

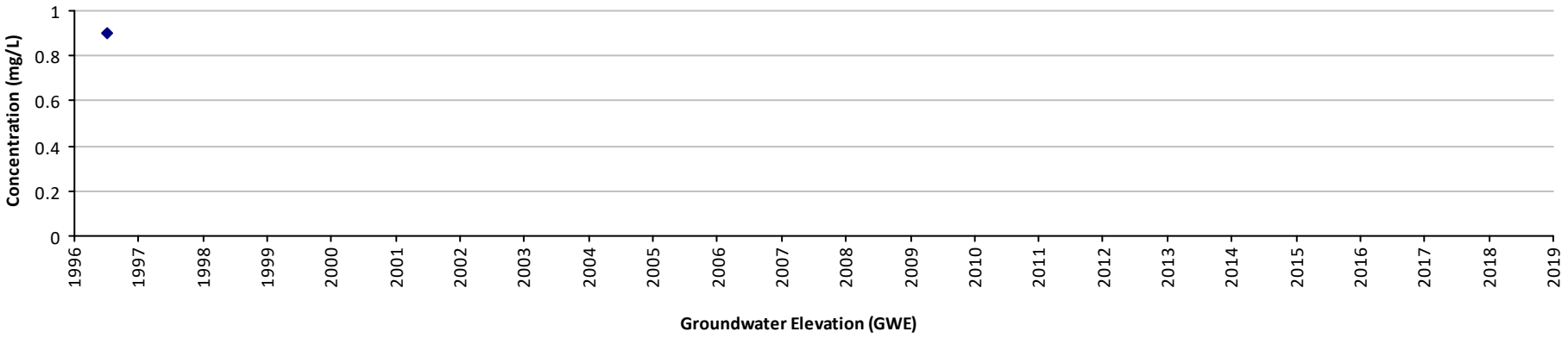
Nitrate-Nitrogen (NO_3-N)



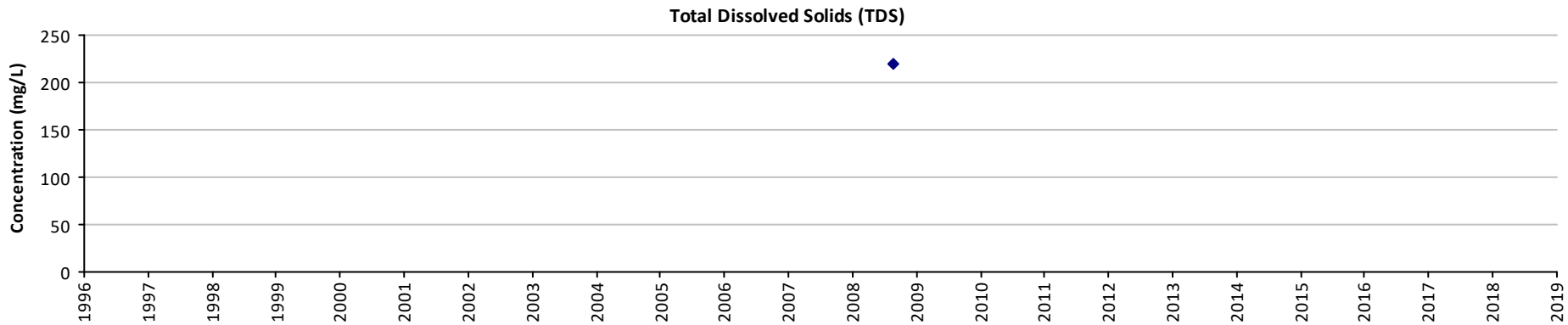
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

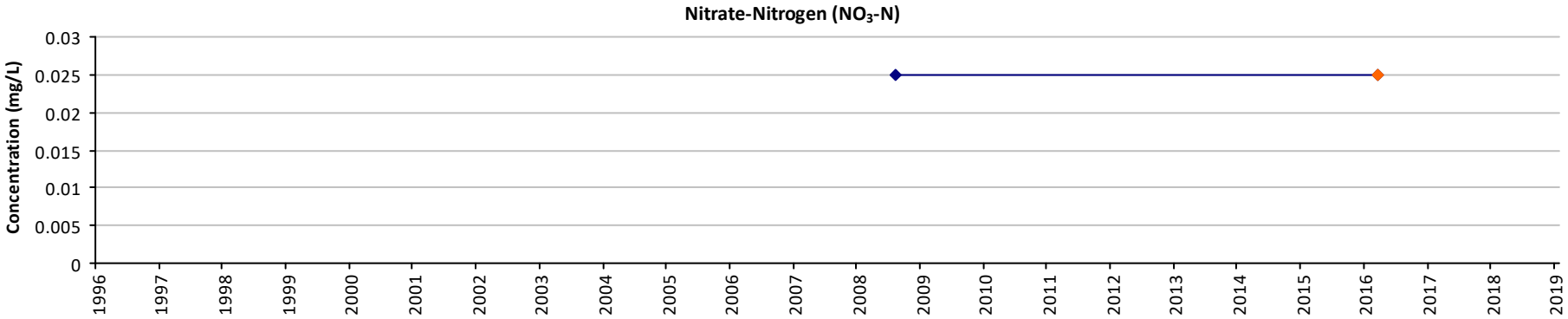
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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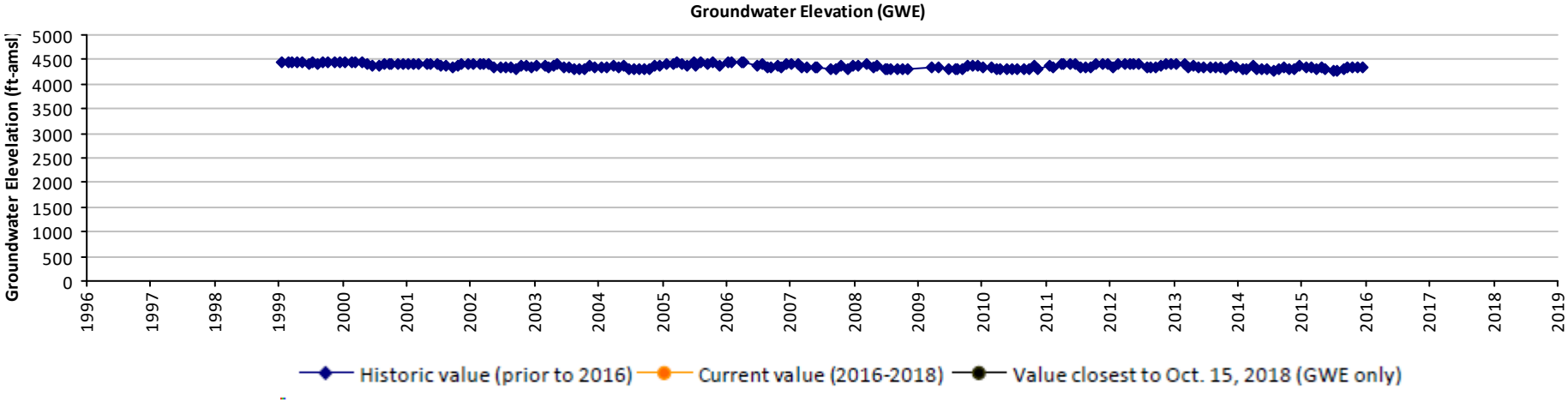
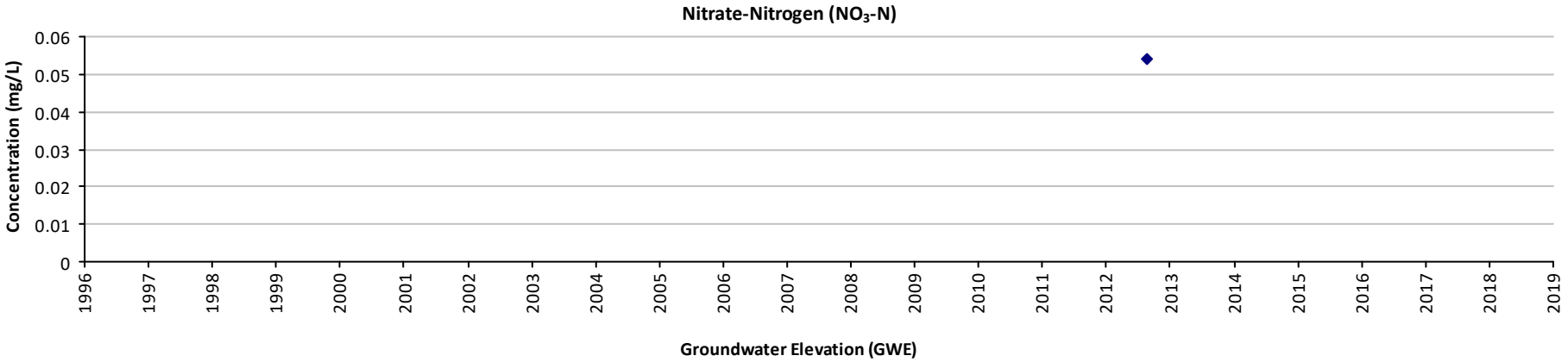
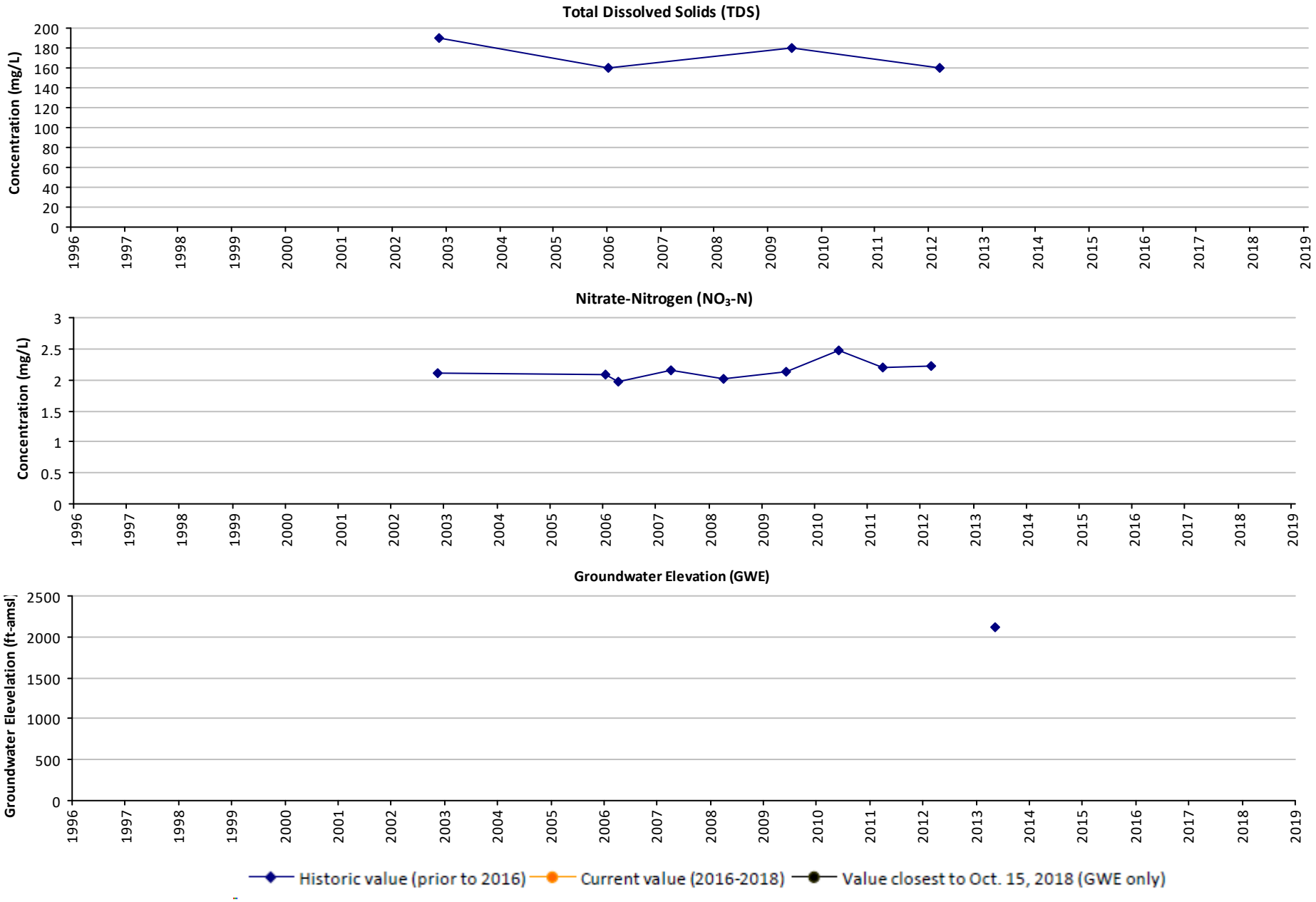
2016
2017
2018
2019

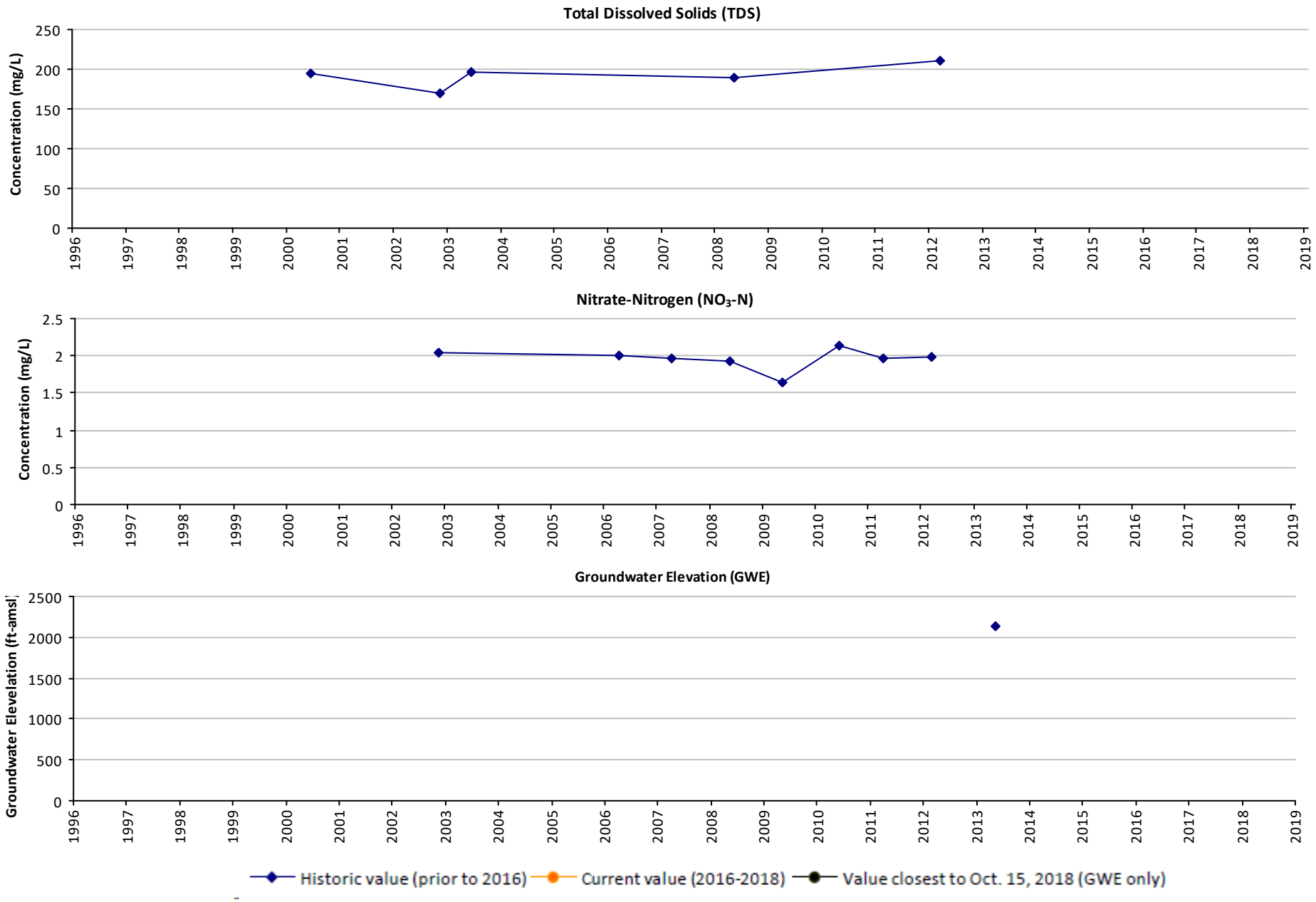

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

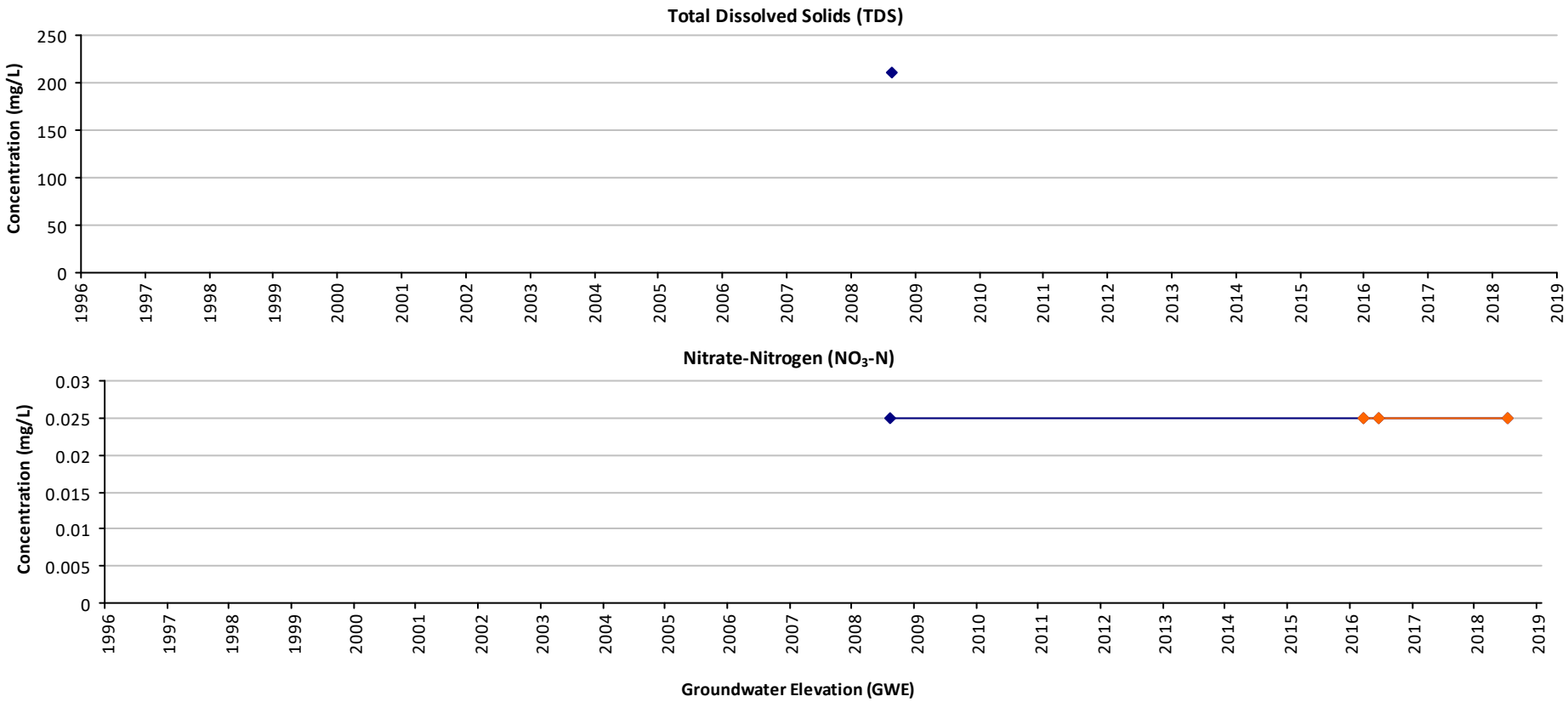
Total Dissolved Solids (TDS)

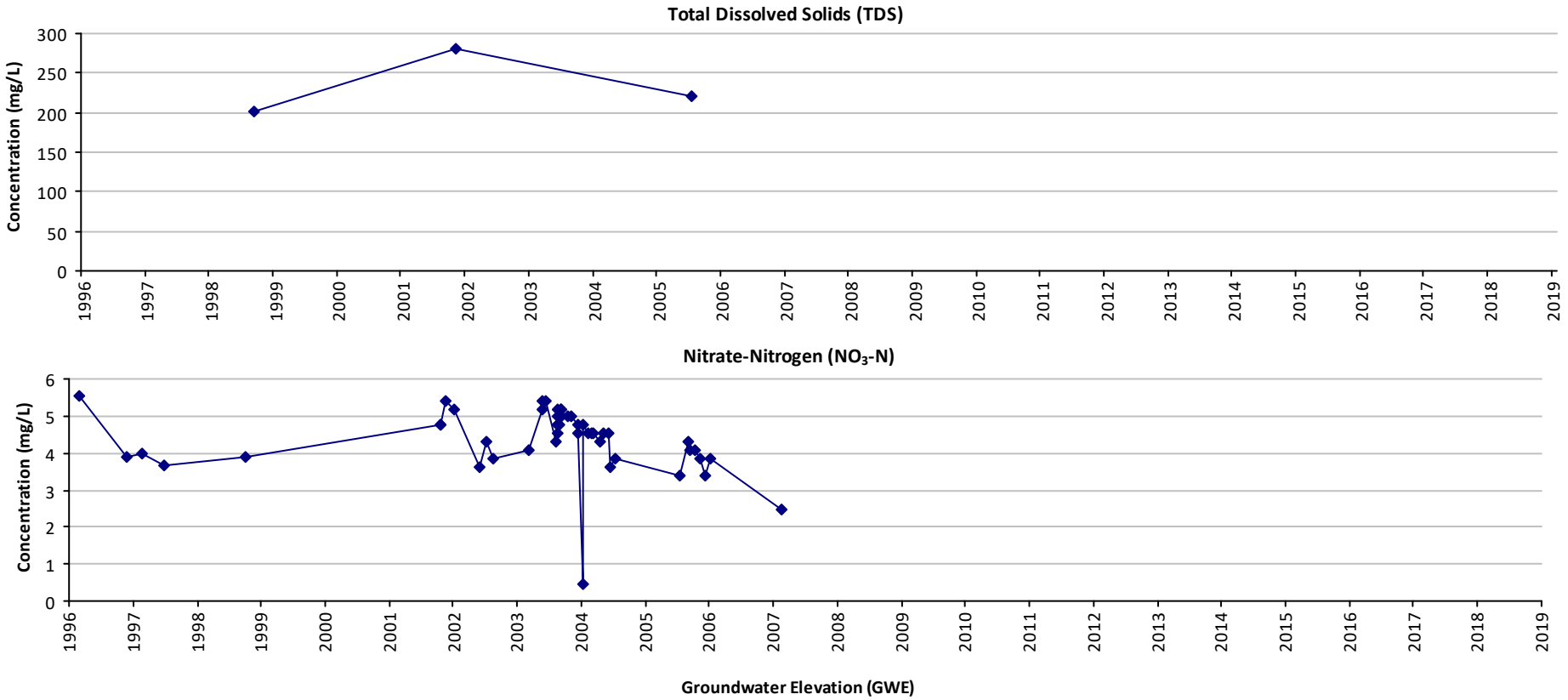


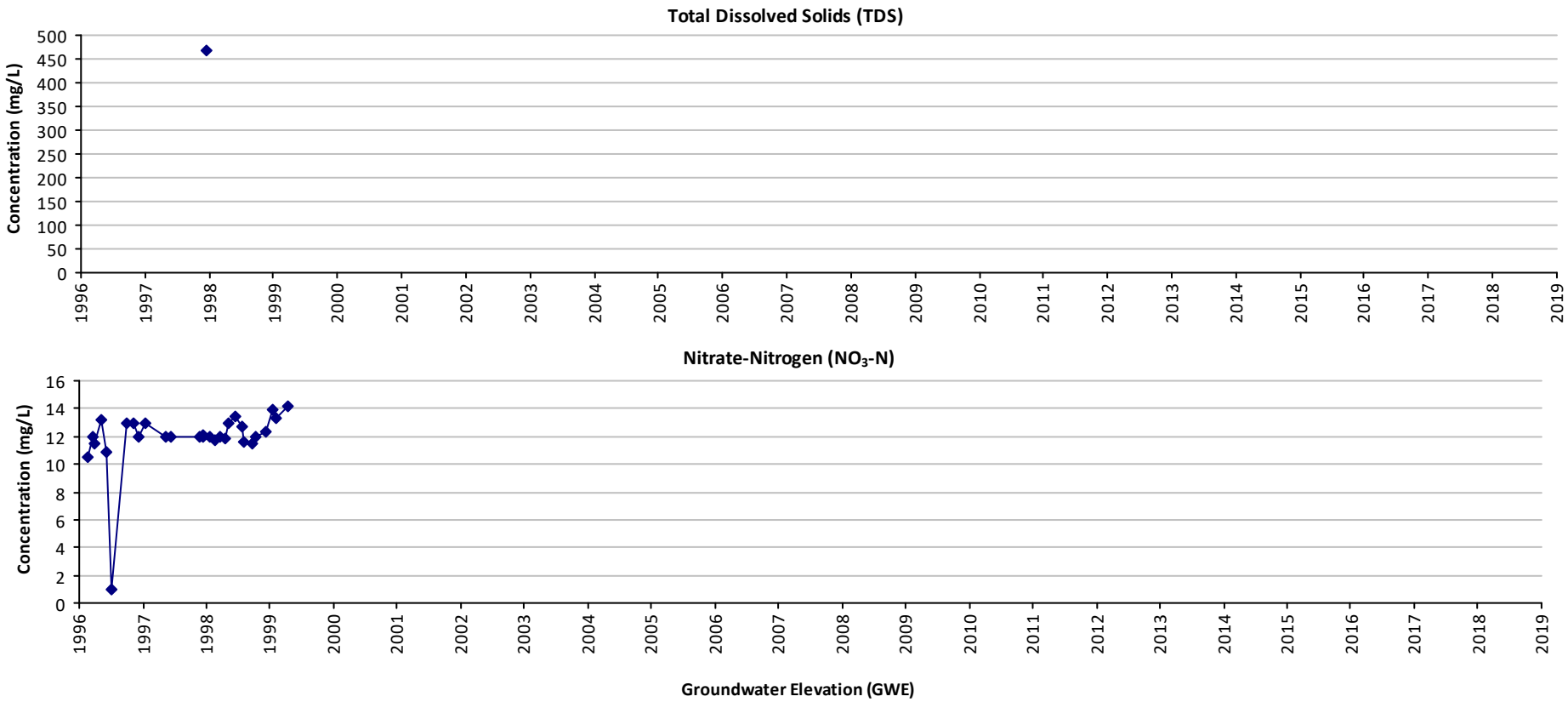
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

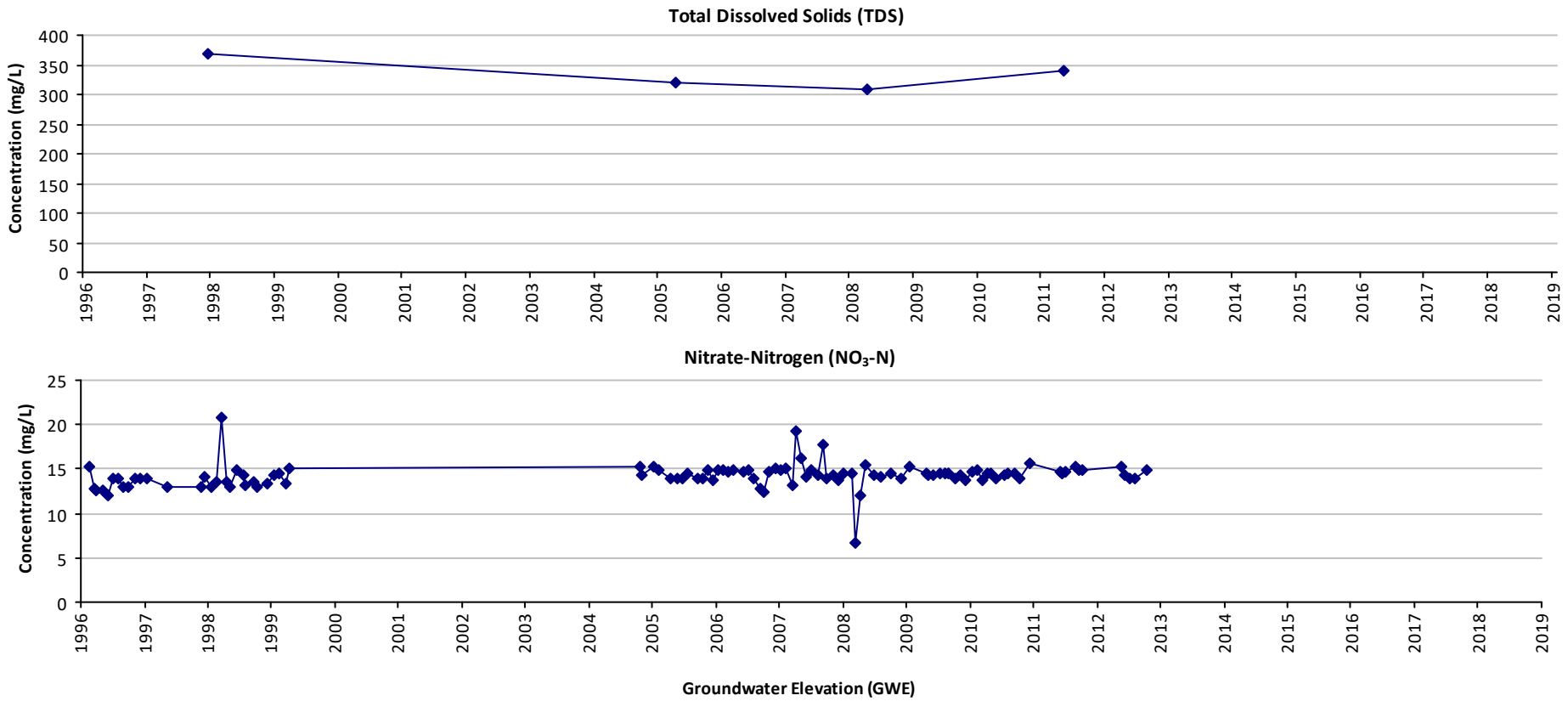

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

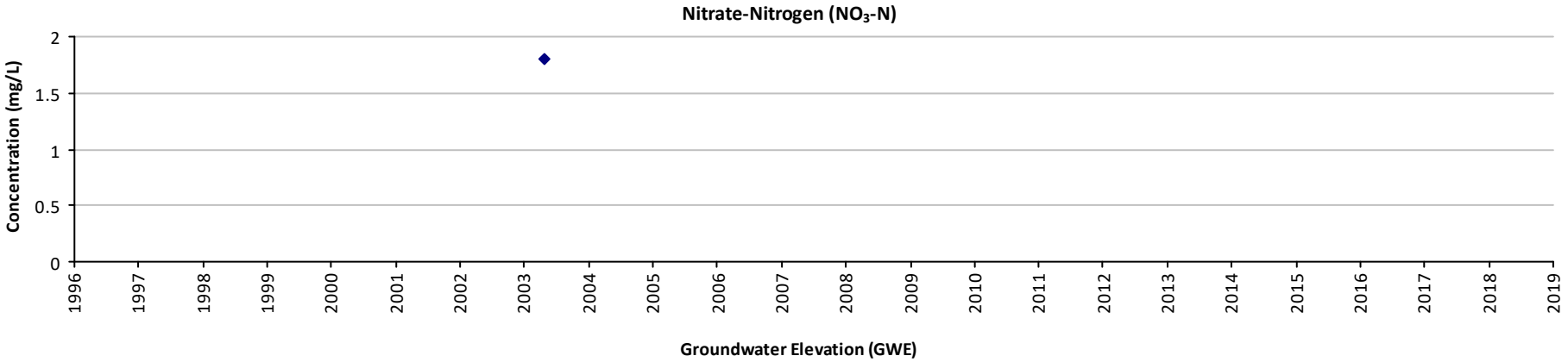

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

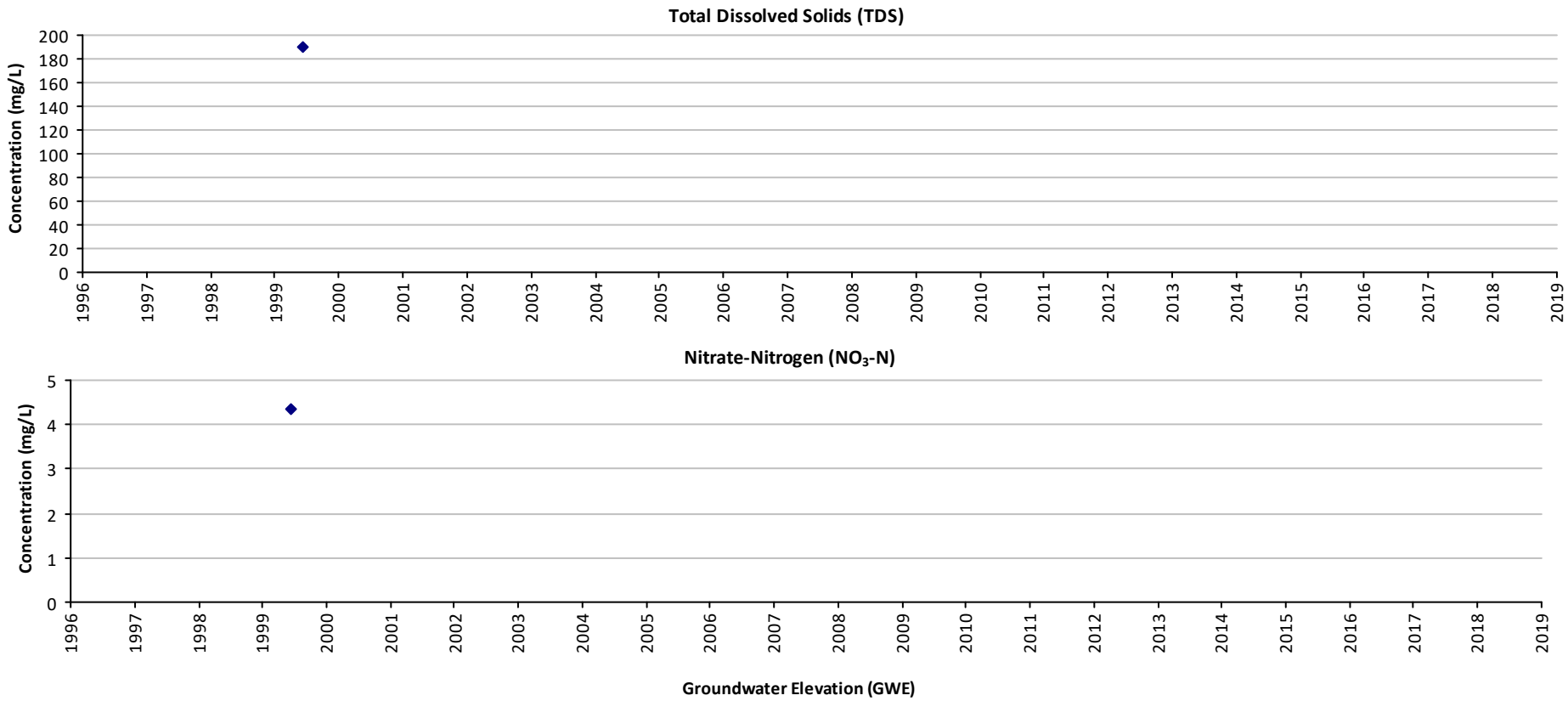

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

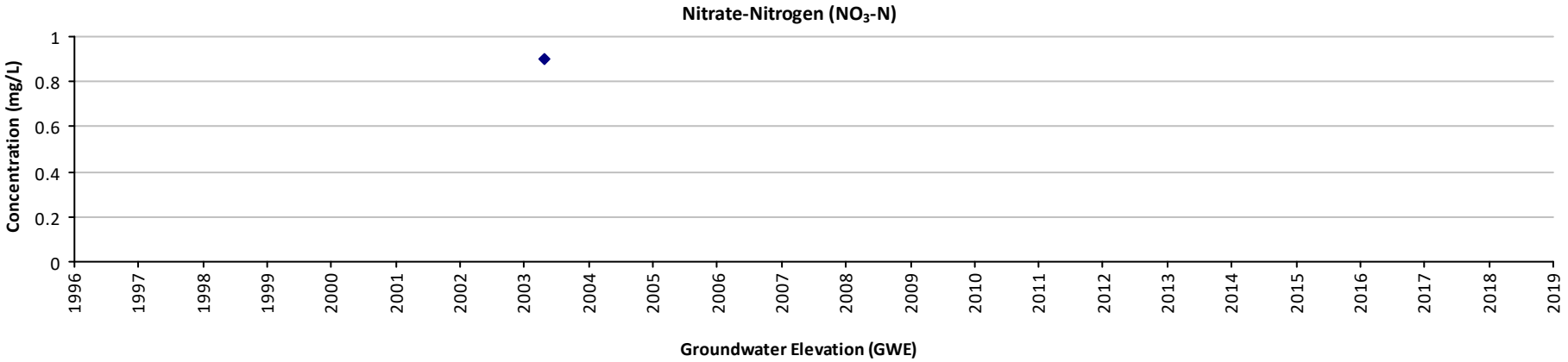
Total Dissolved Solids (TDS)



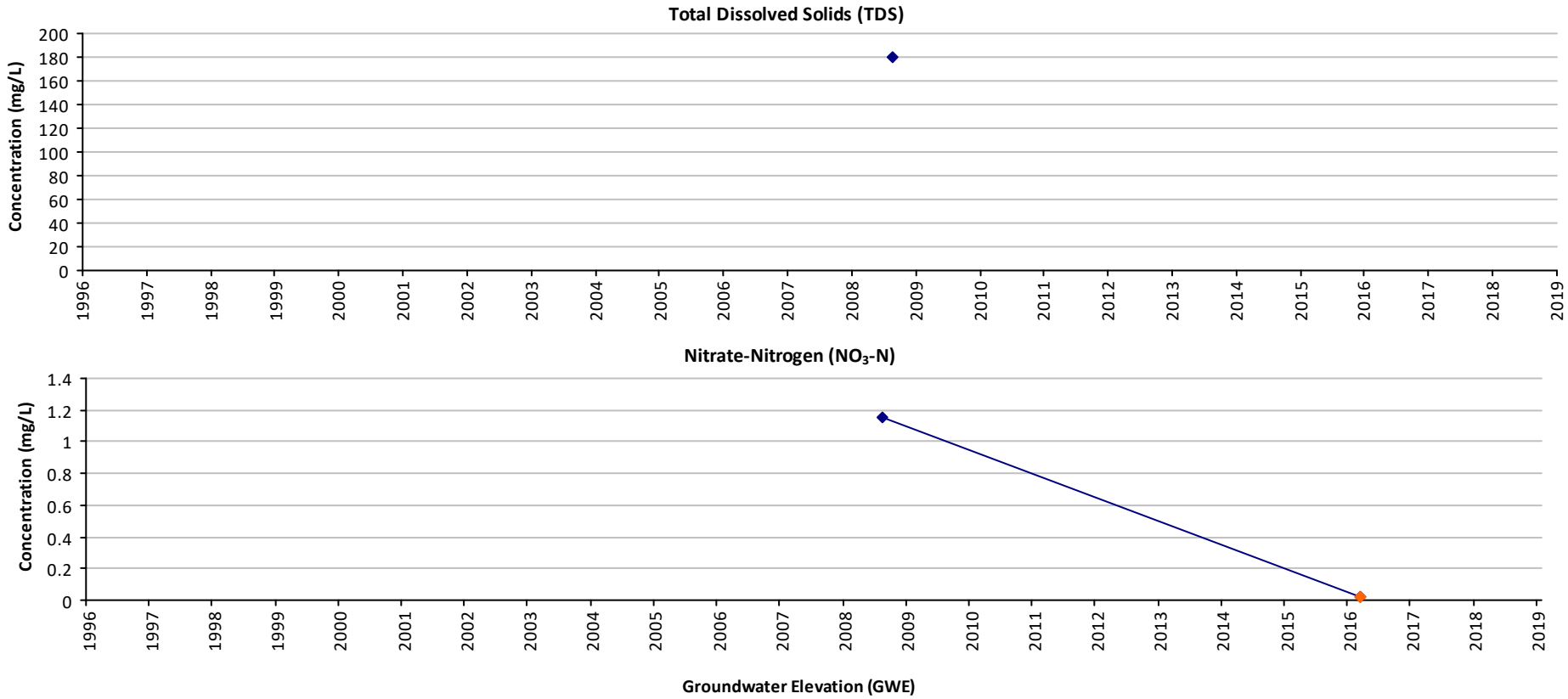
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

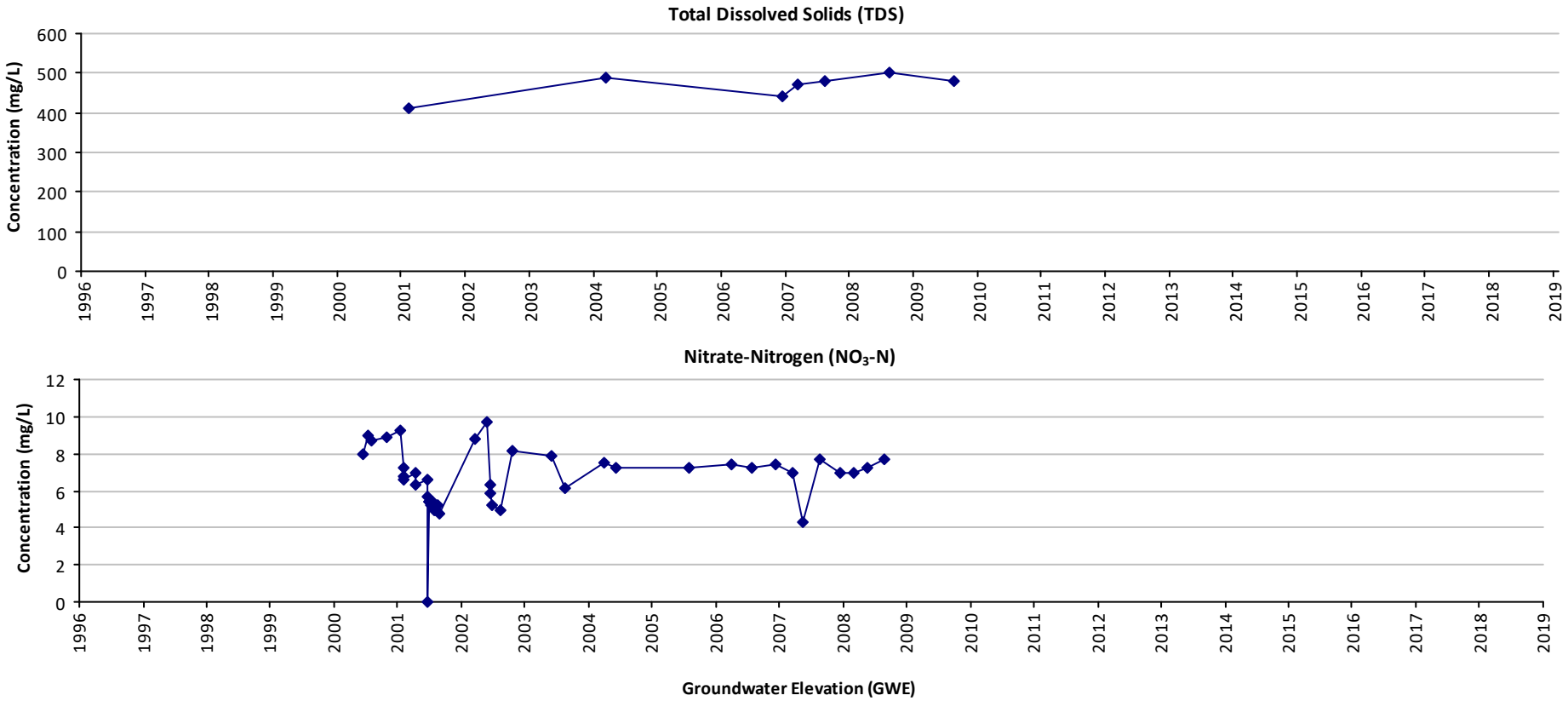

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

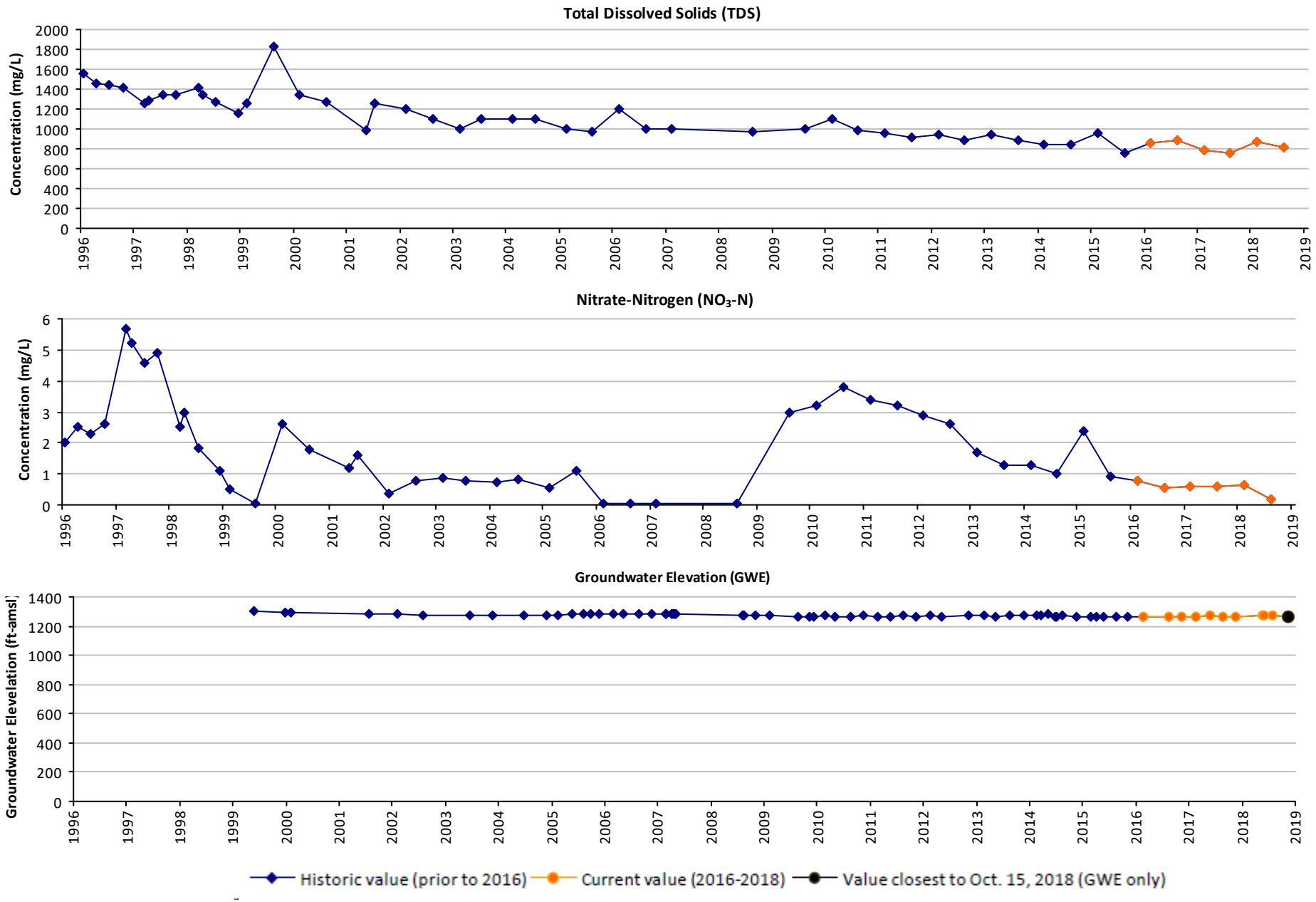
Total Dissolved Solids (TDS)

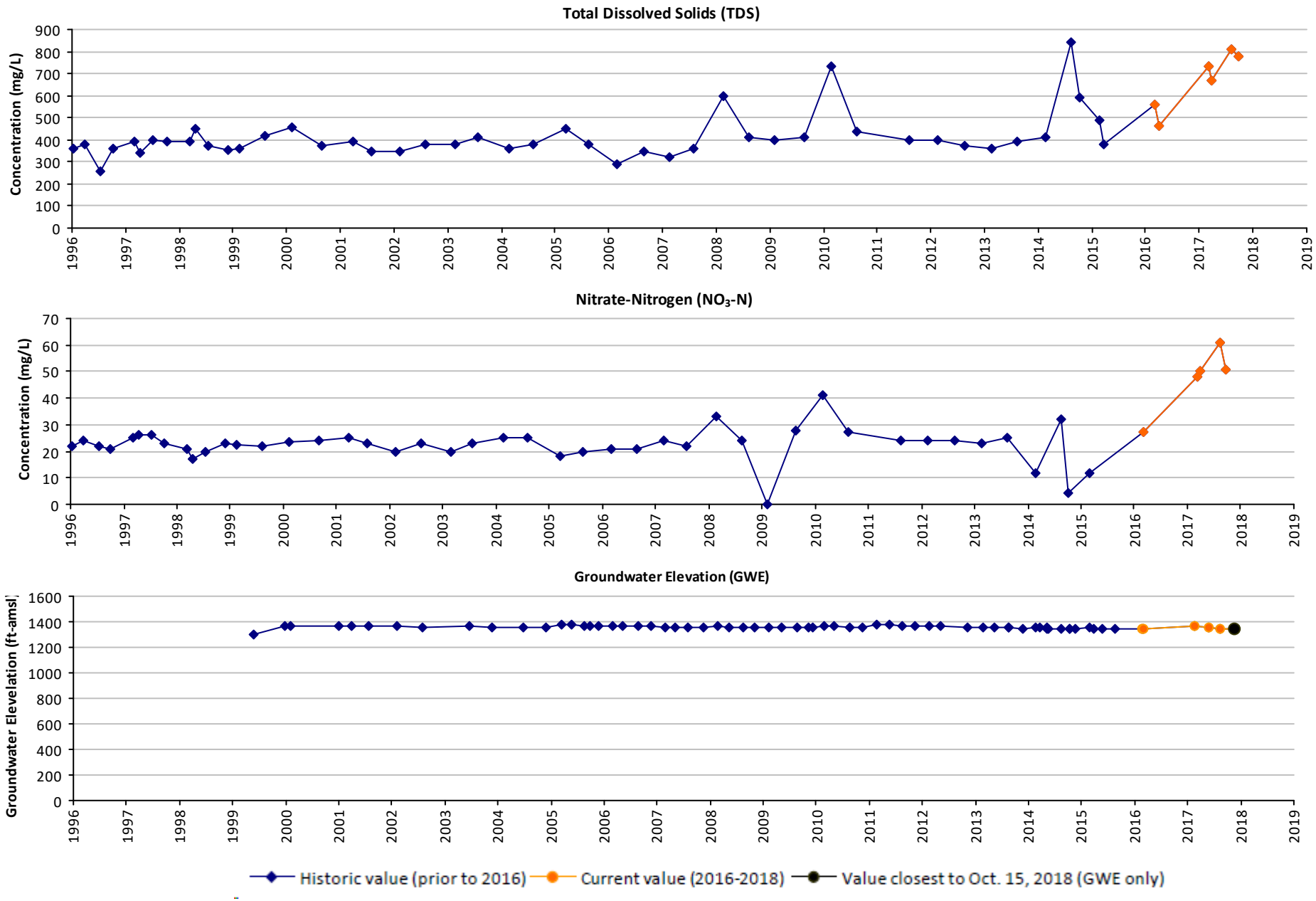


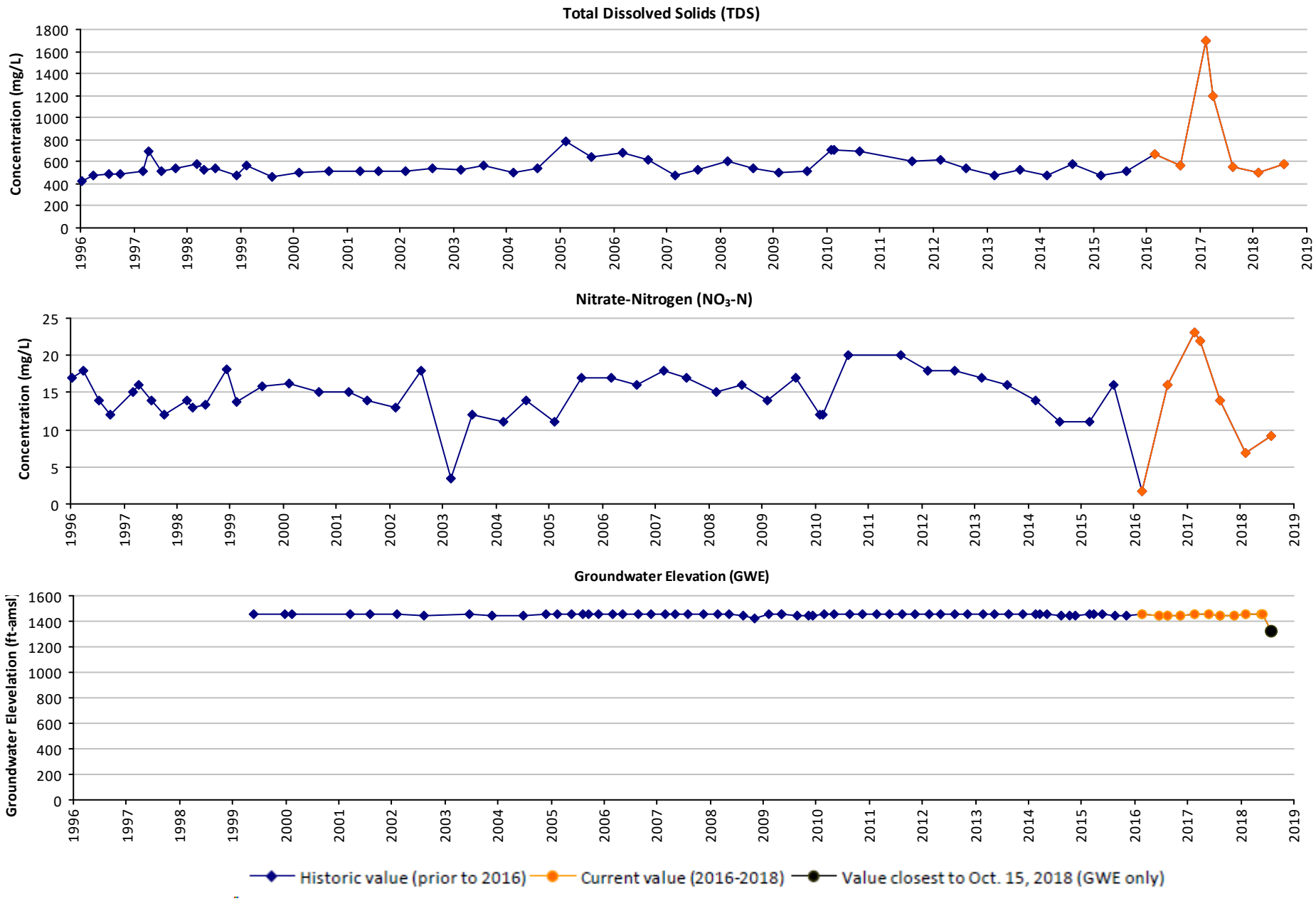
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

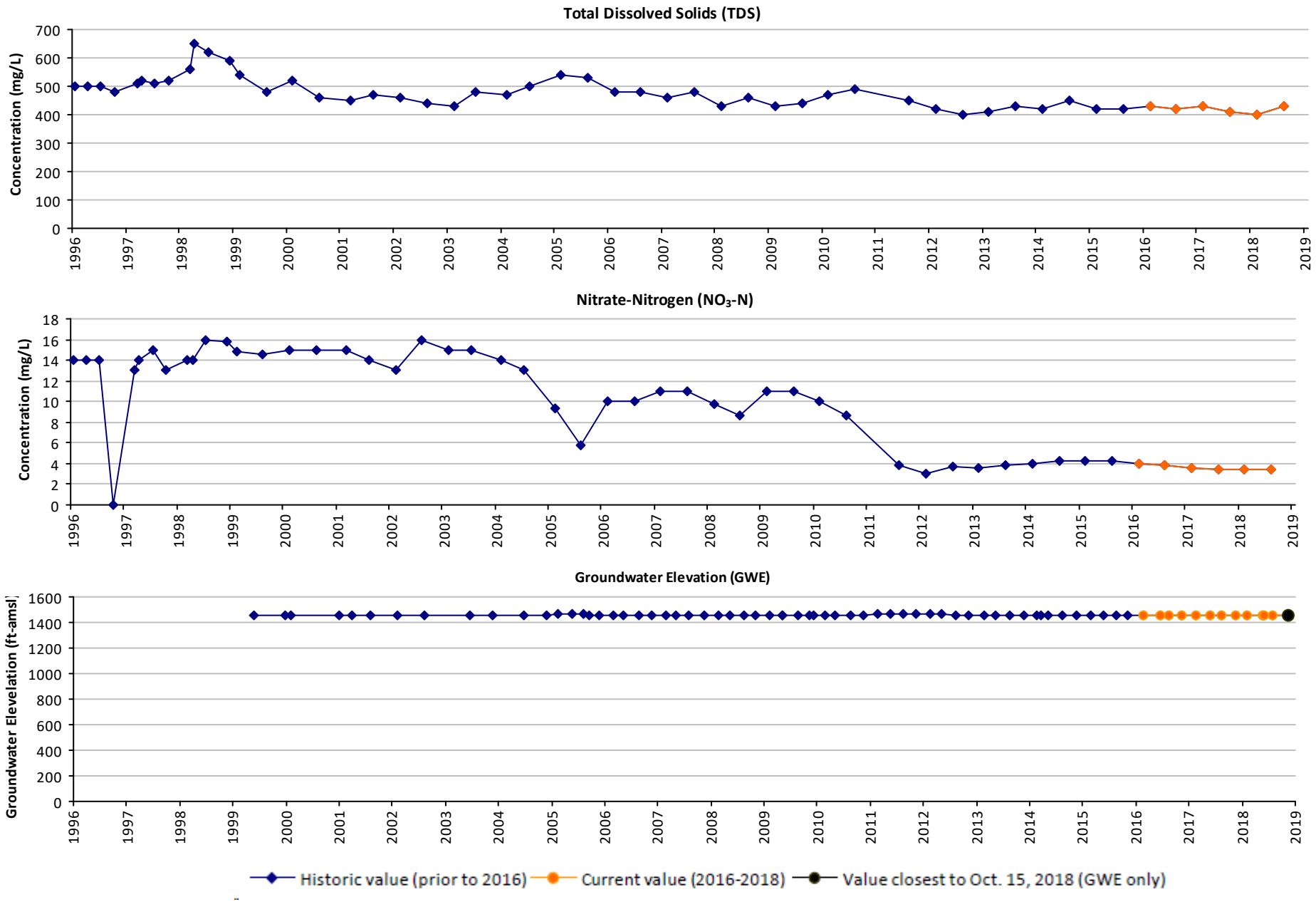

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

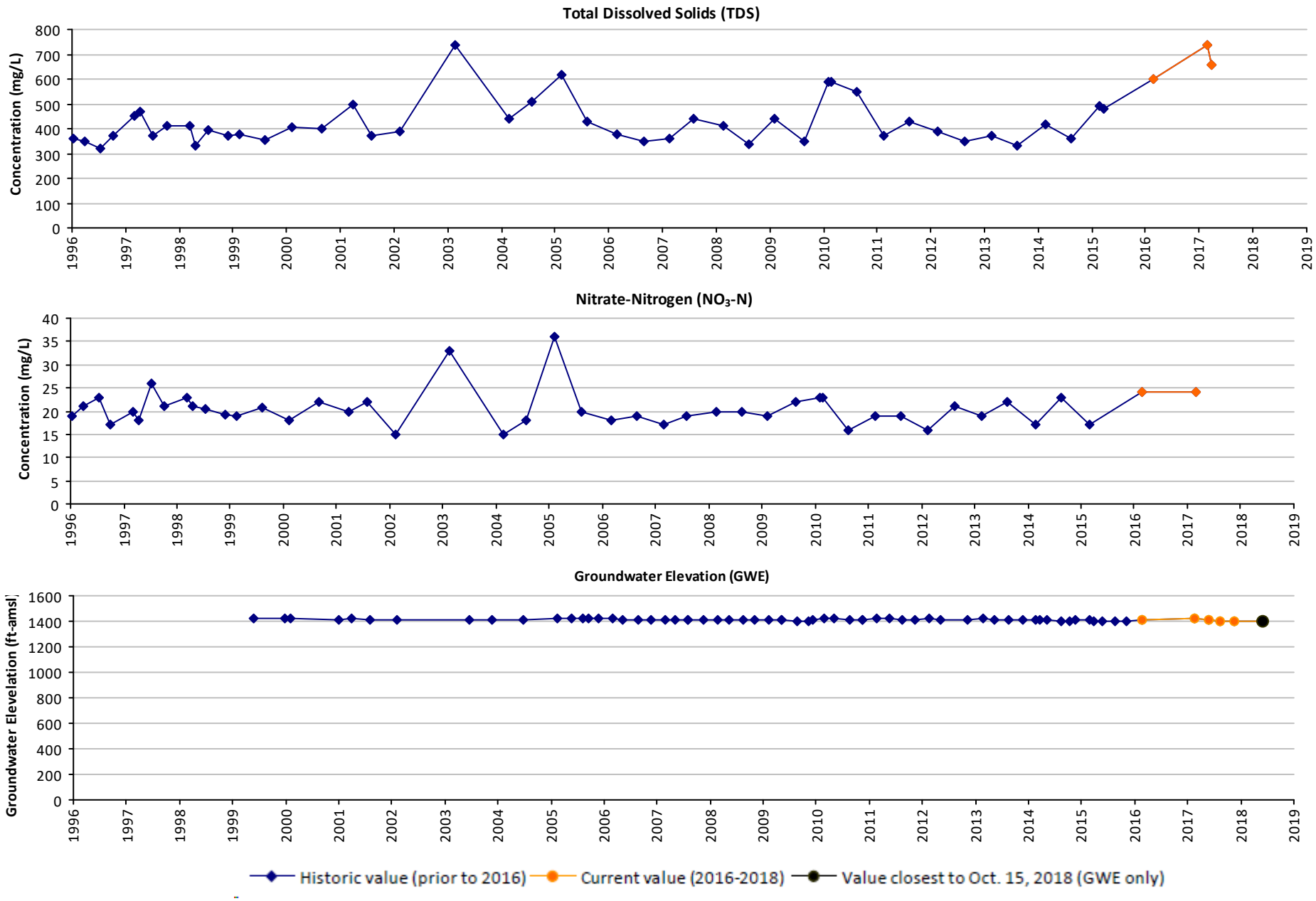

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

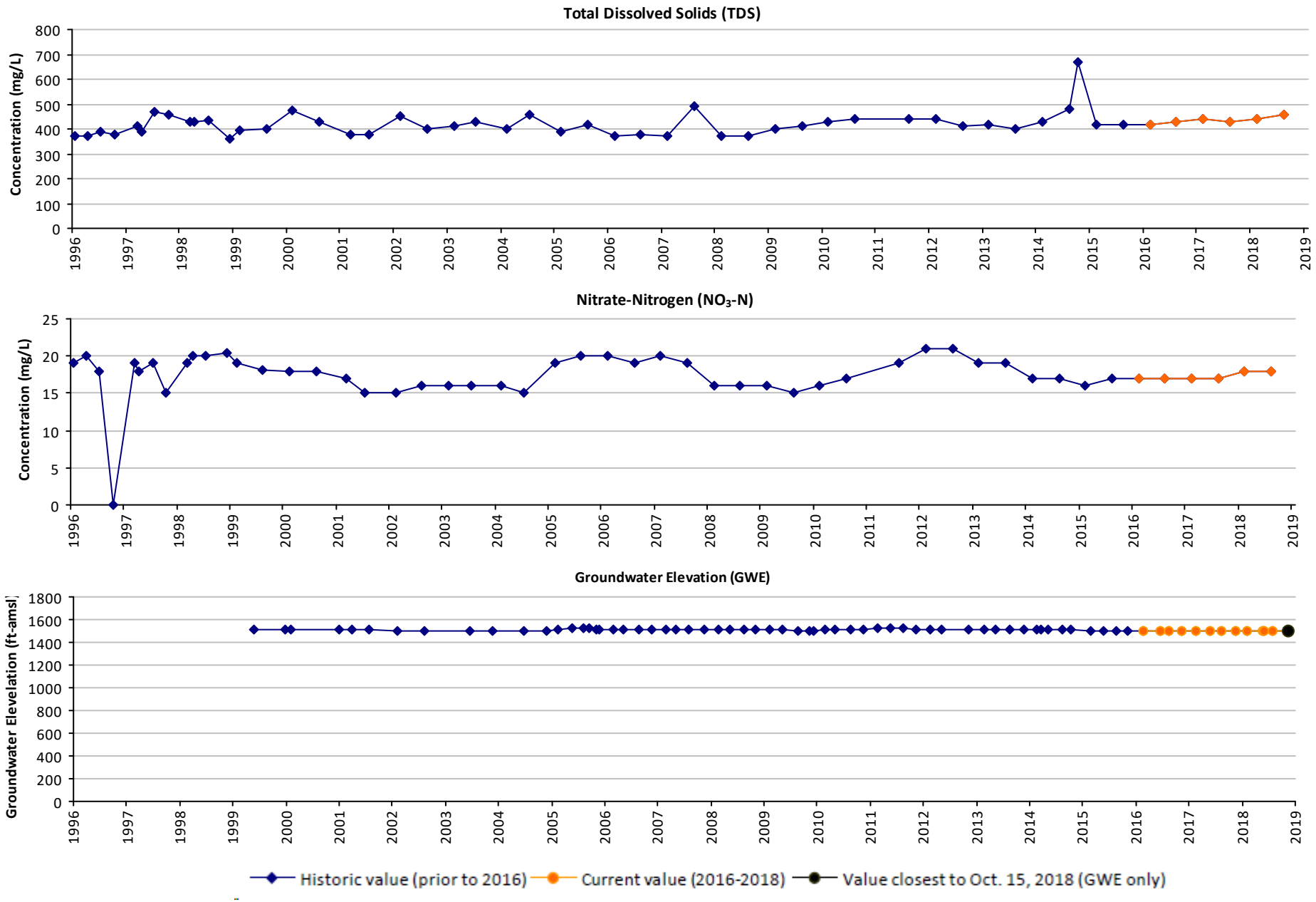

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

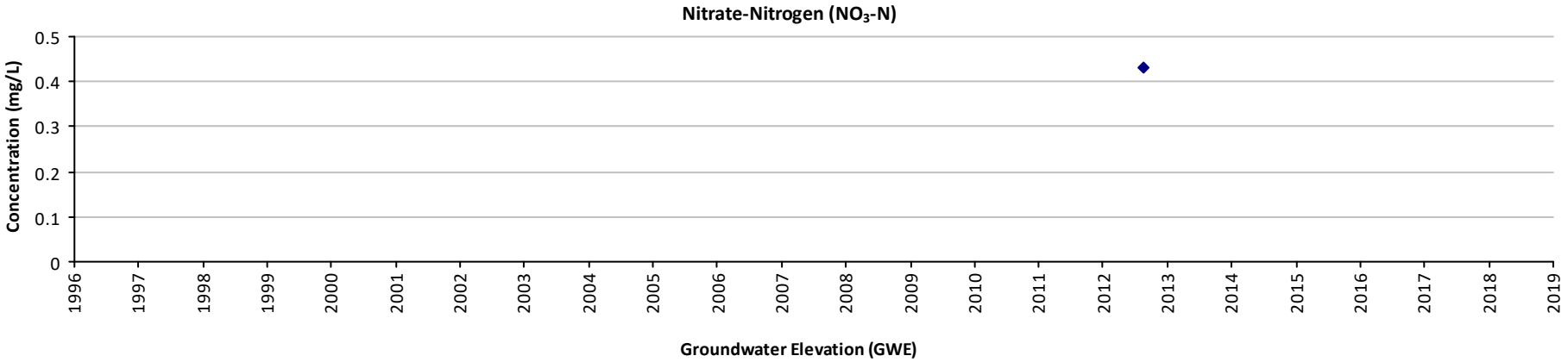

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

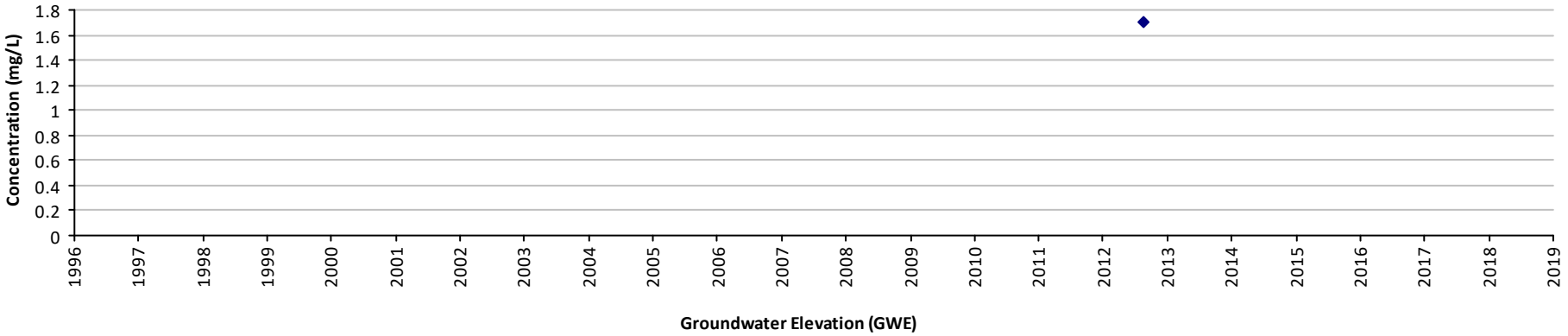
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

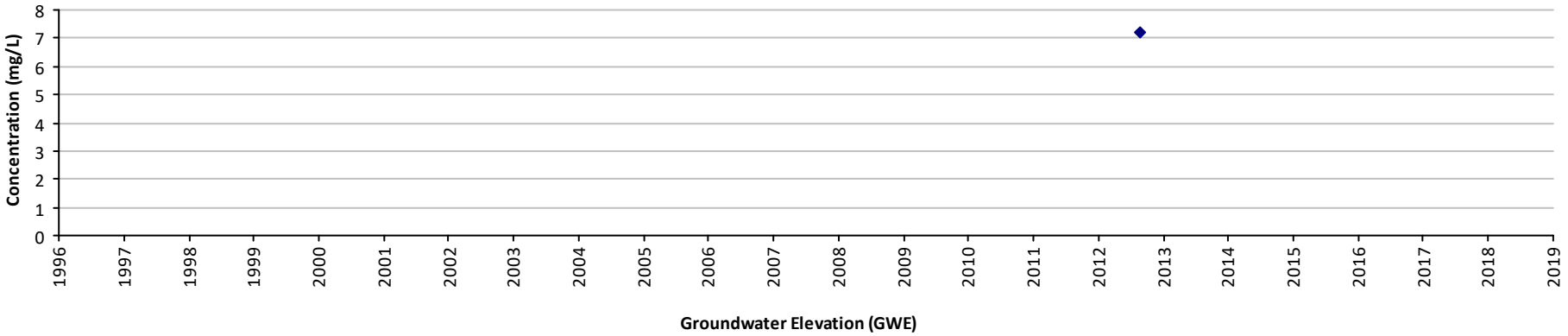
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

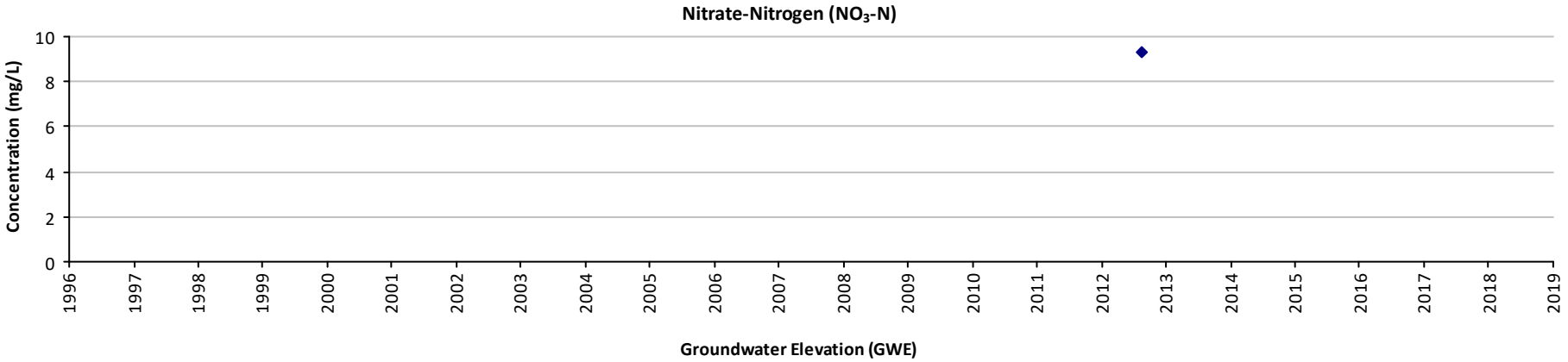
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

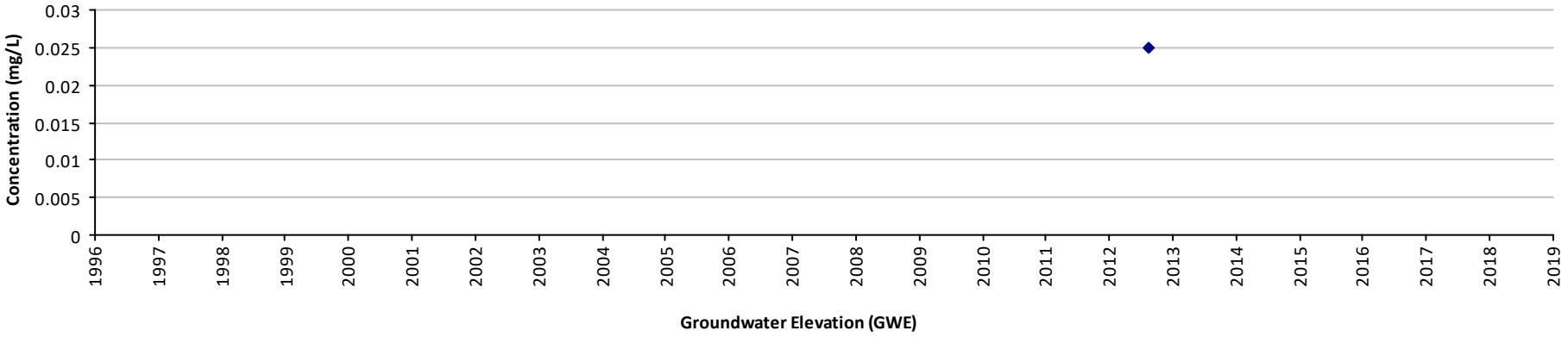
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

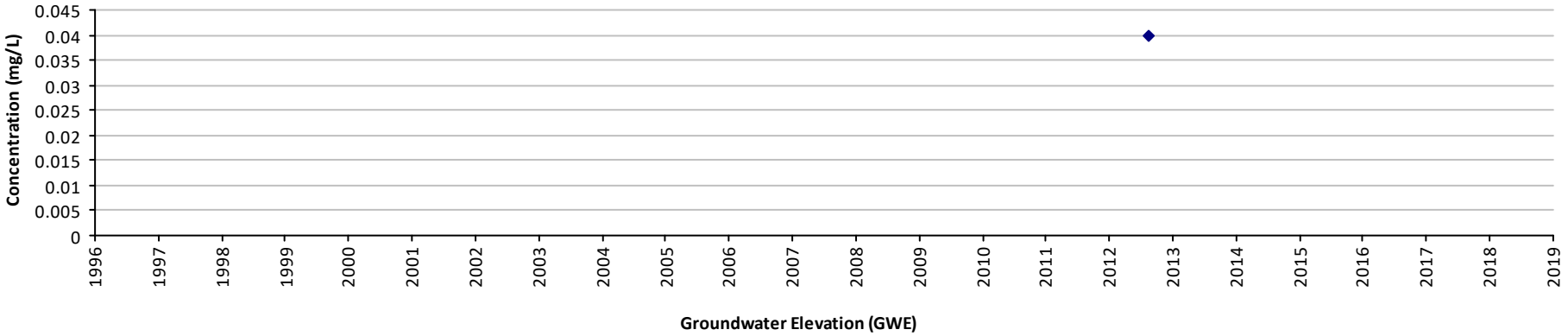
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

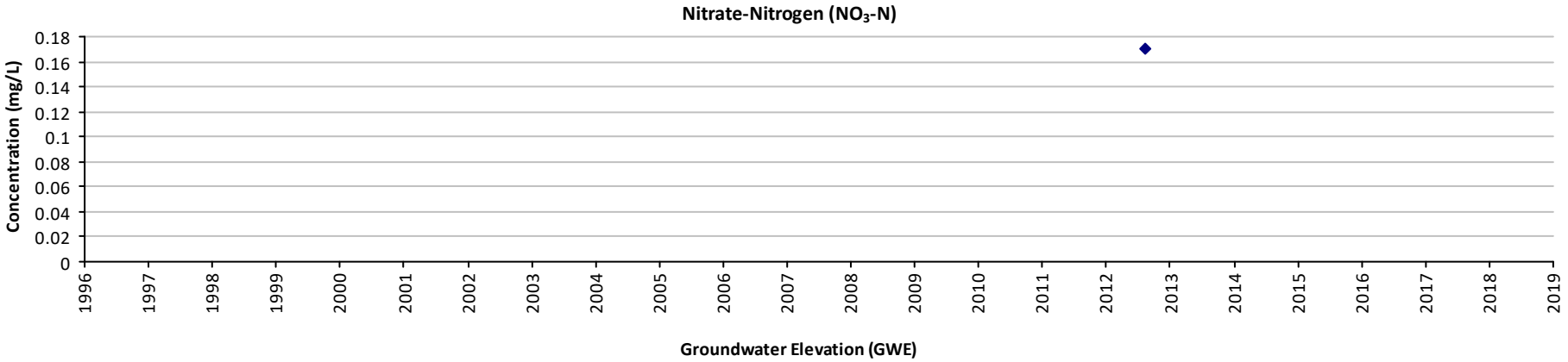
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

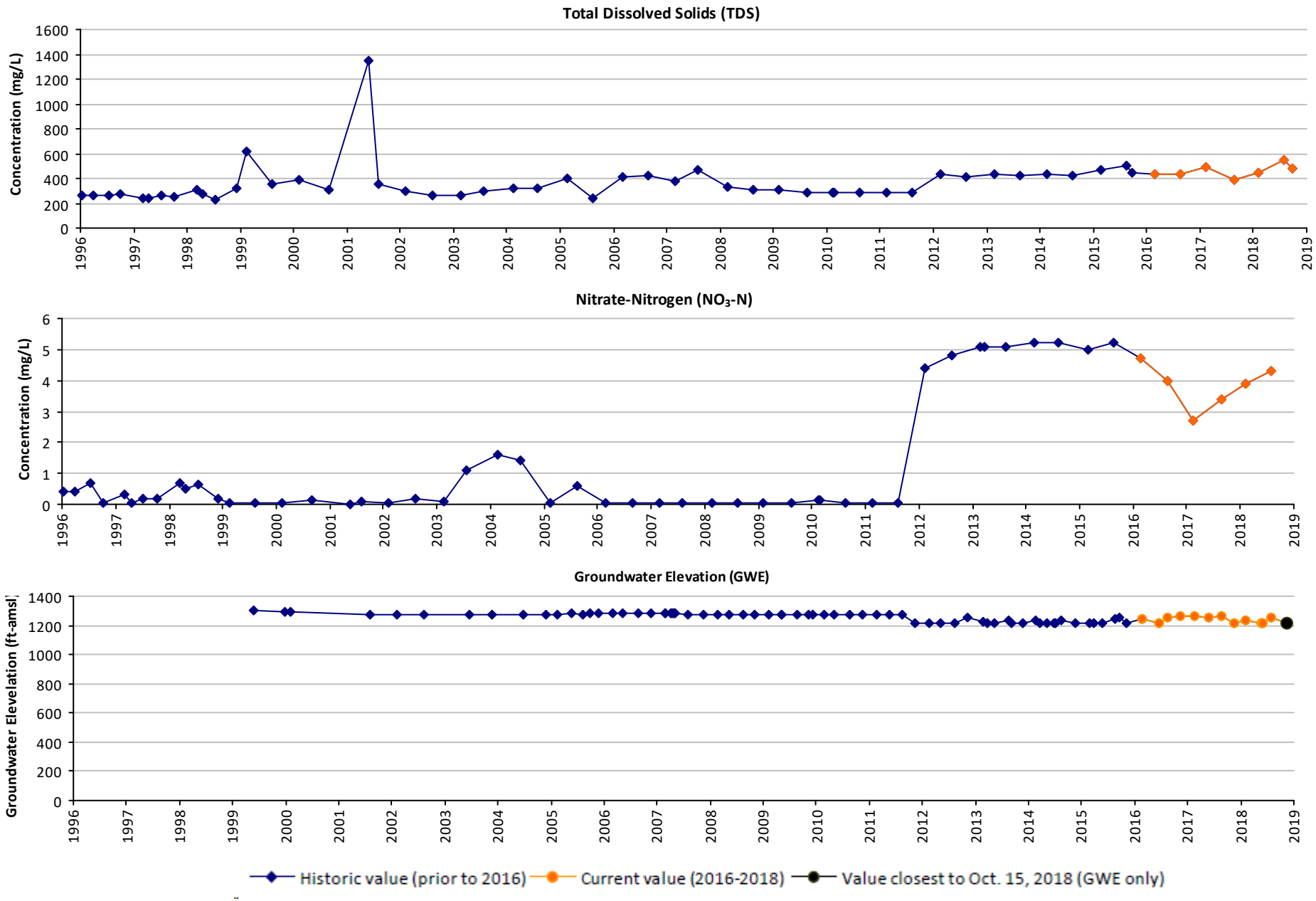


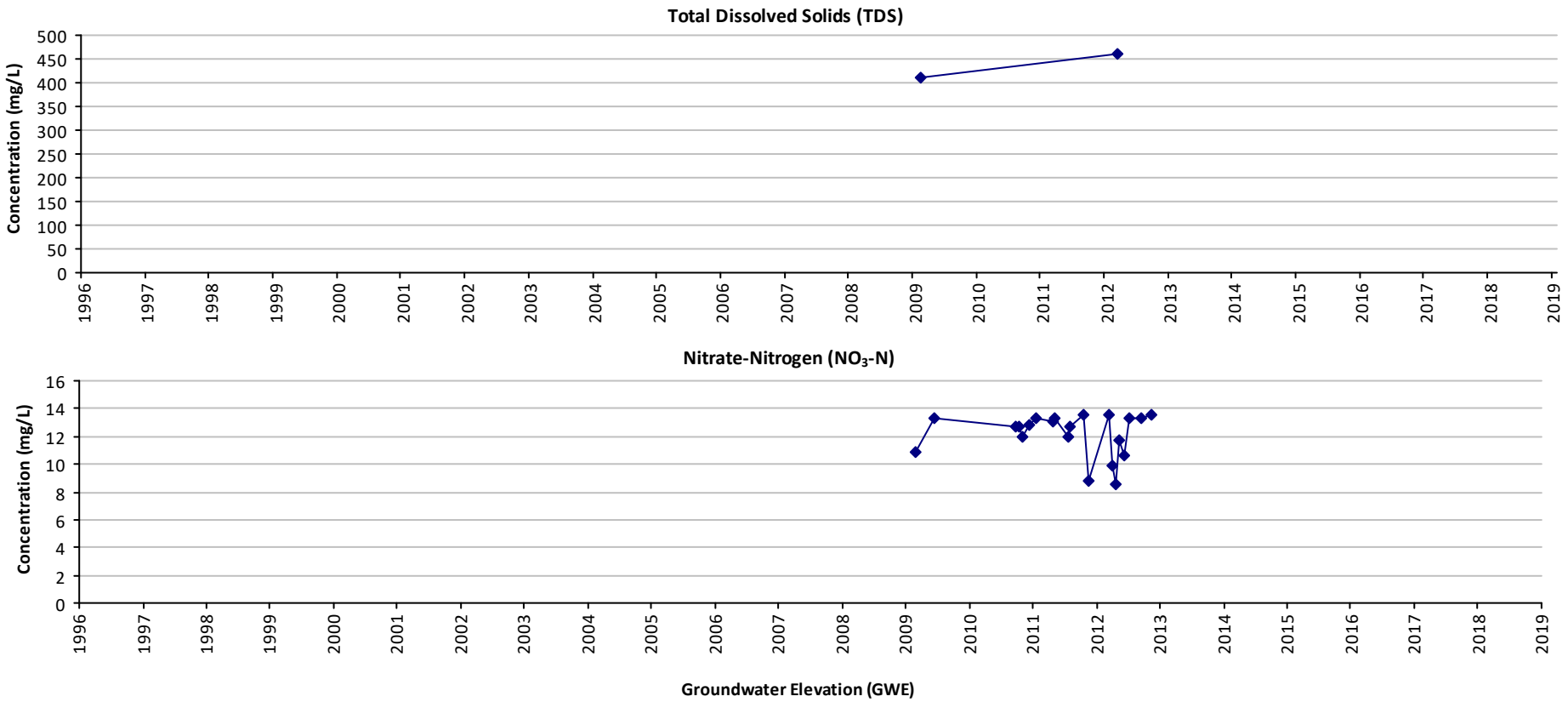
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

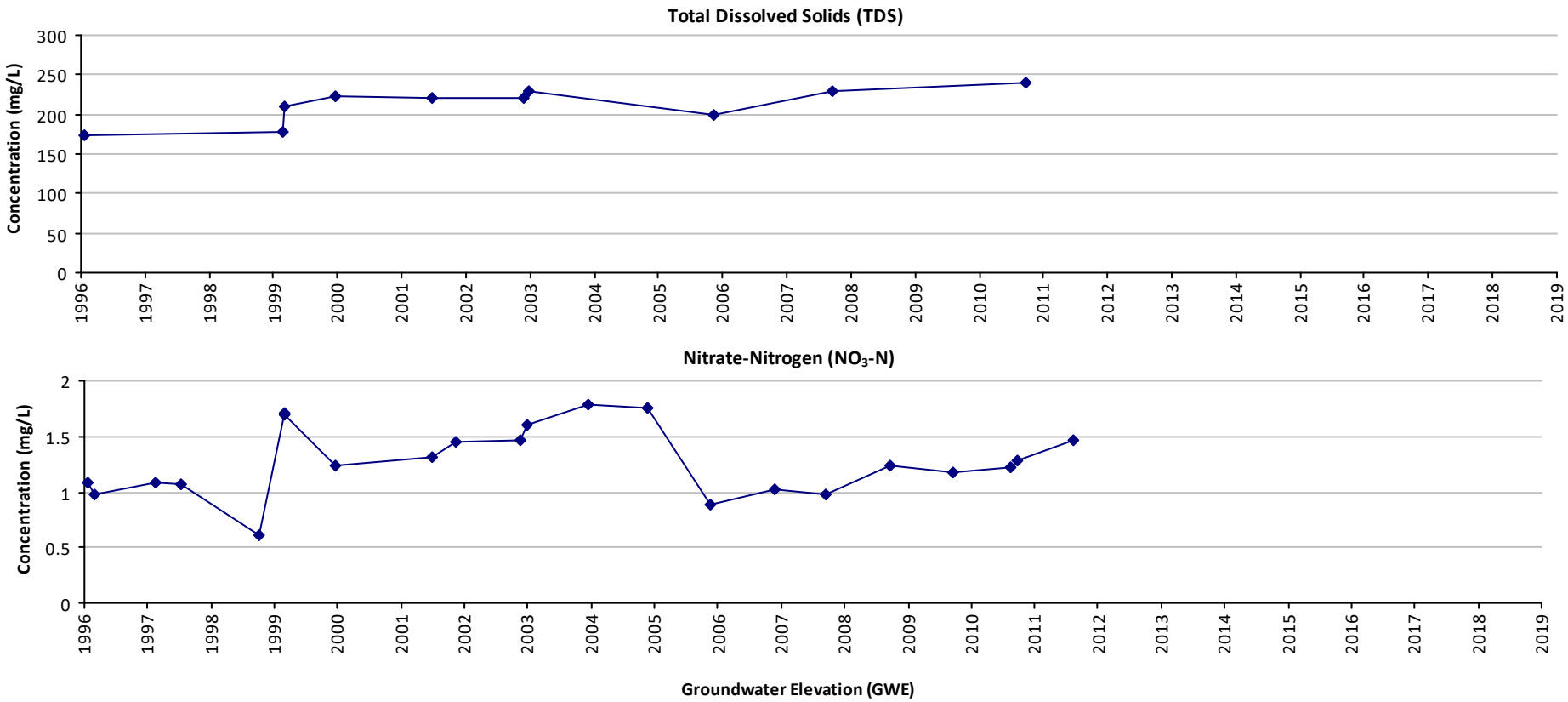
Total Dissolved Solids (TDS)

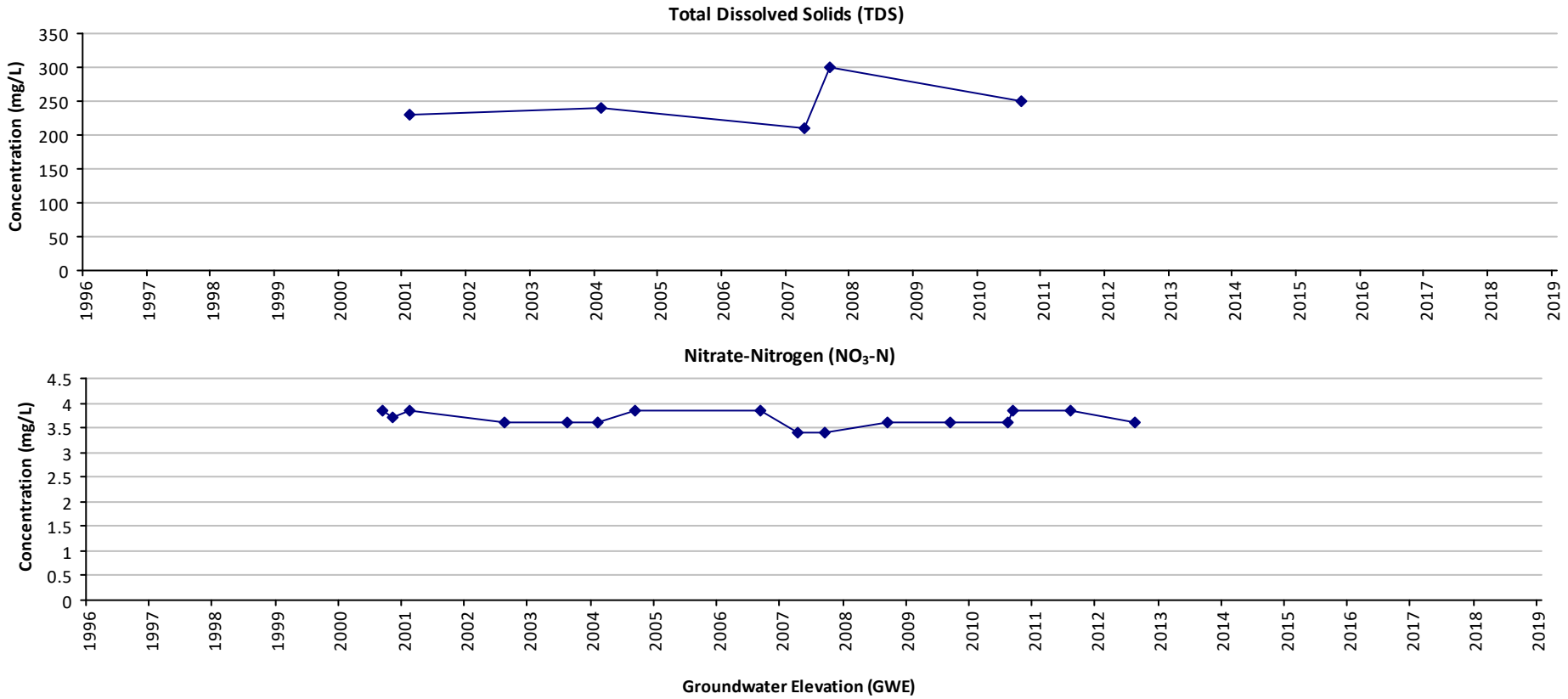


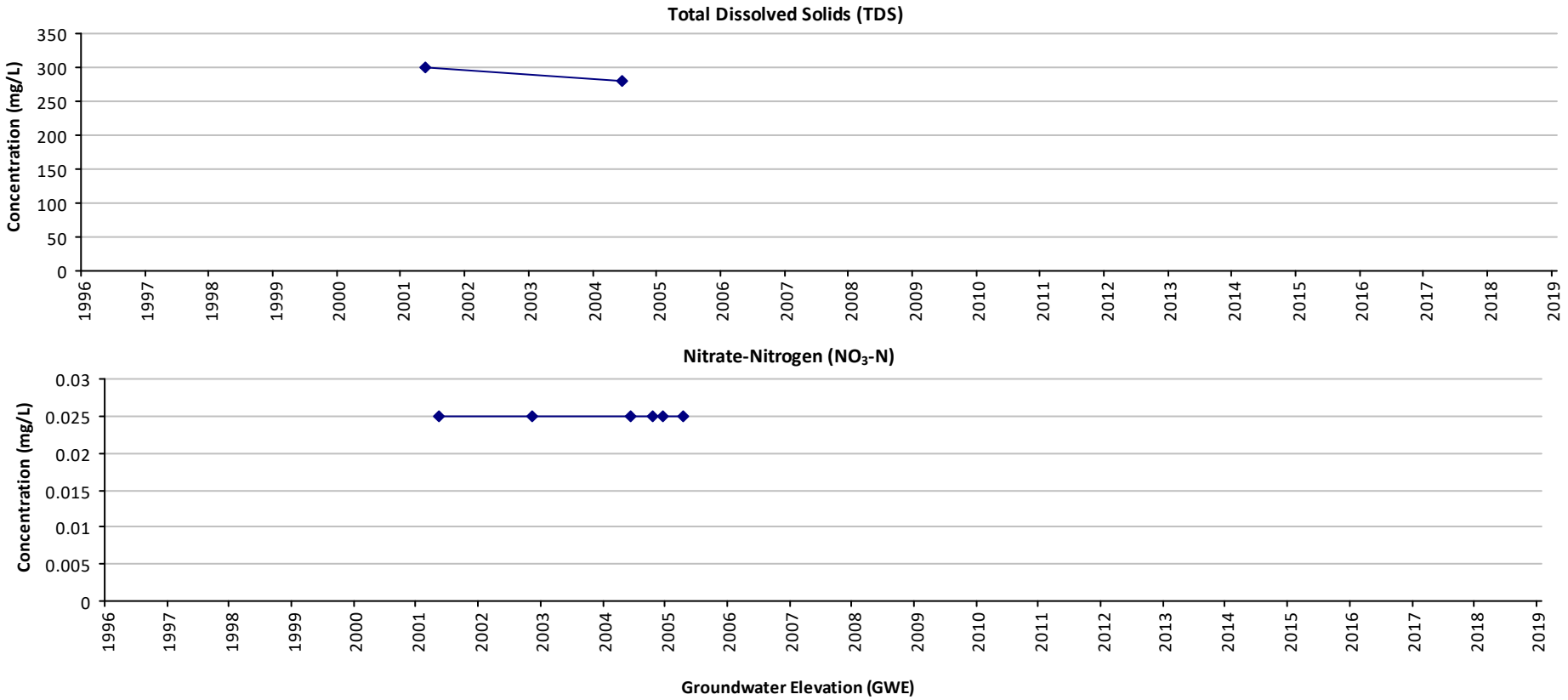
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

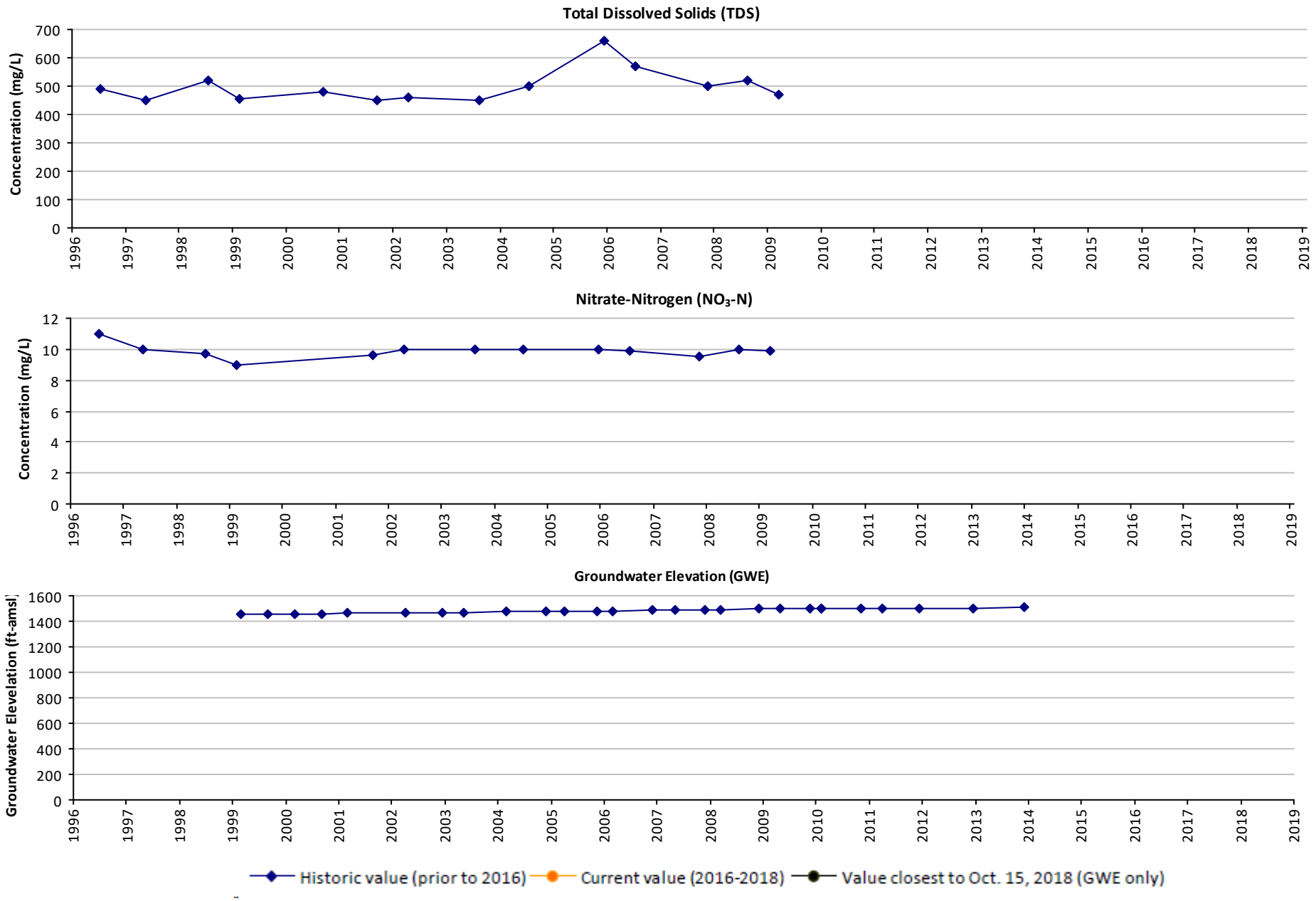

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

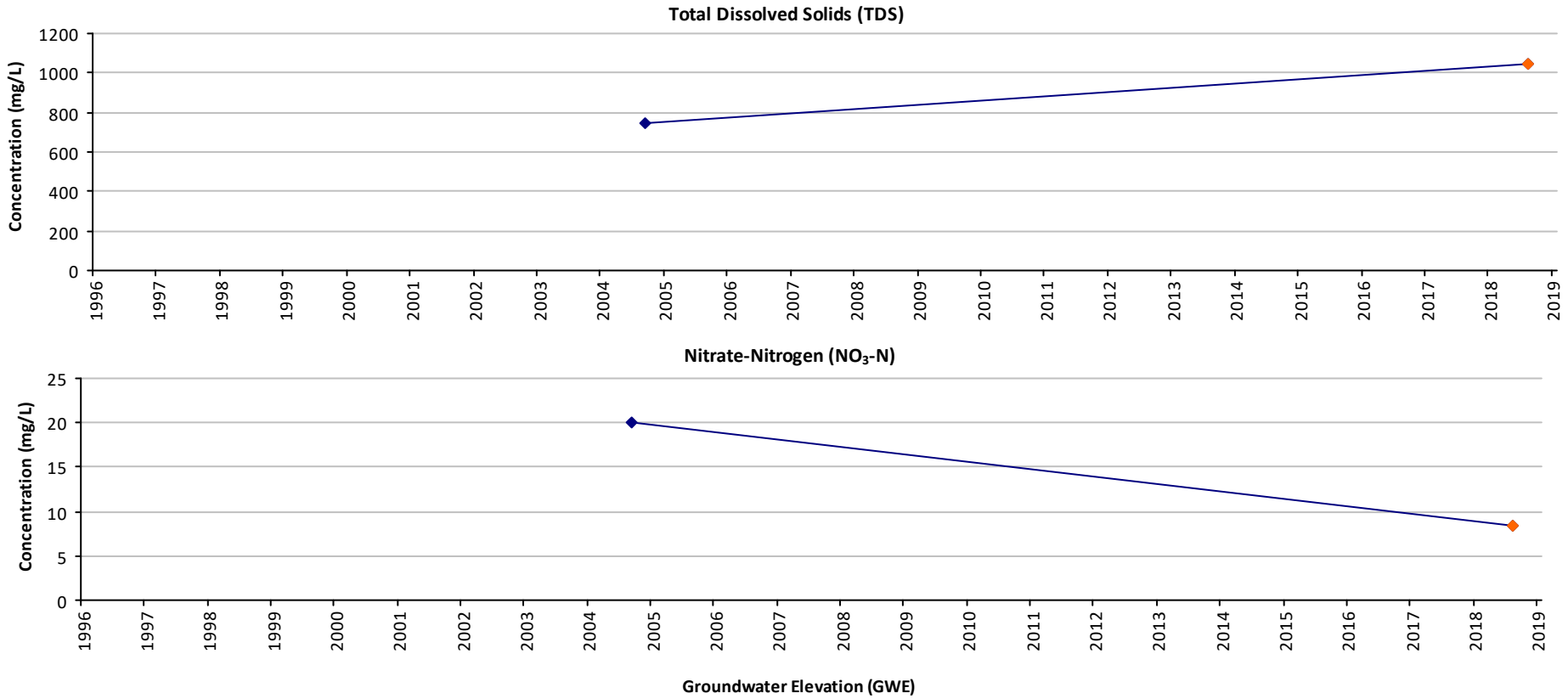

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

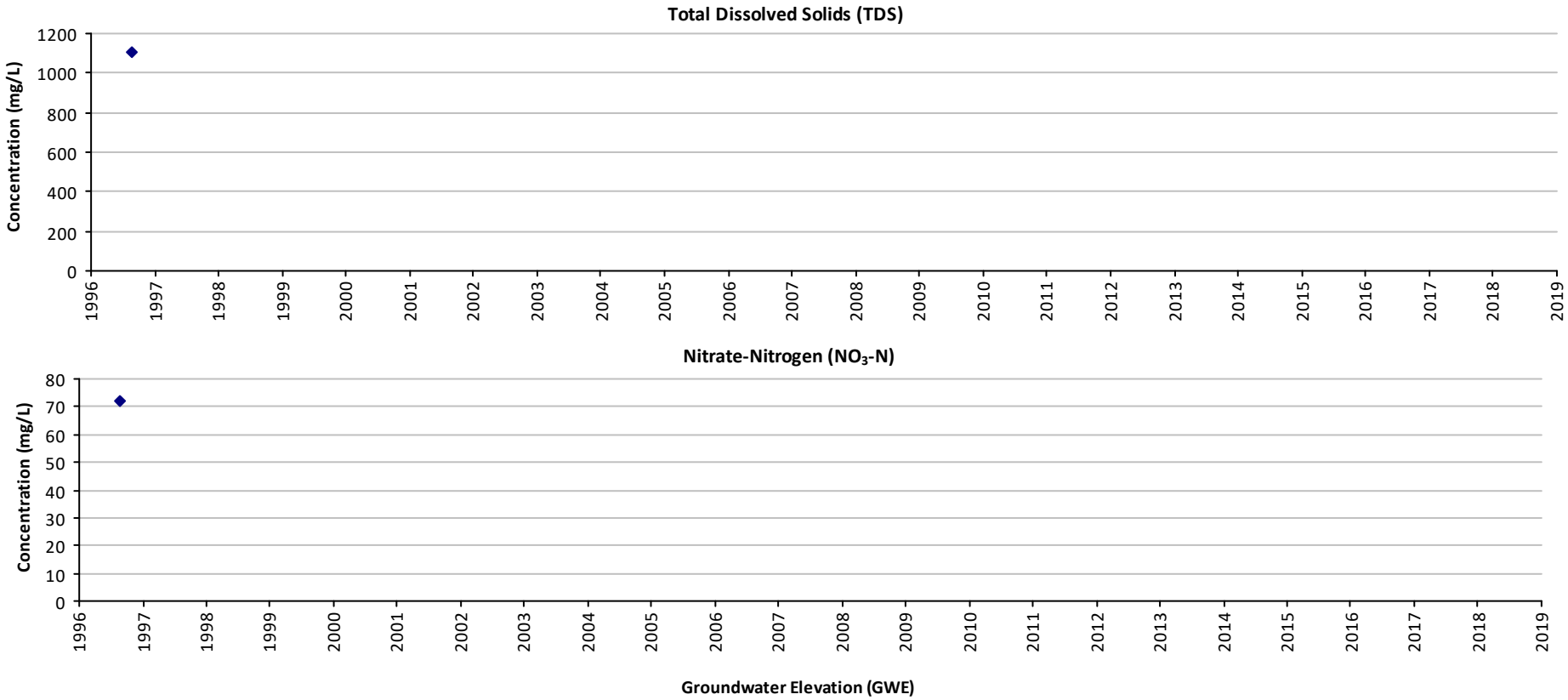

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

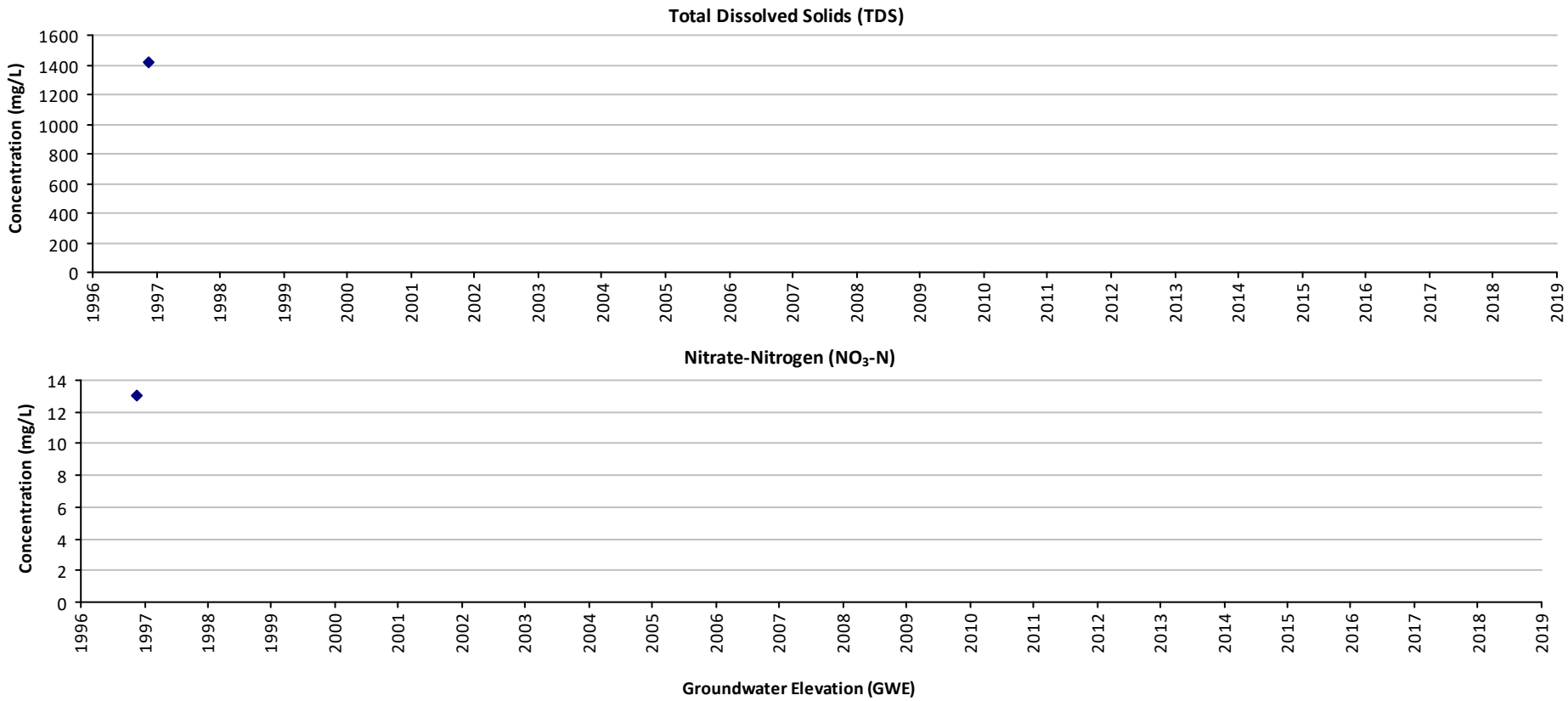

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

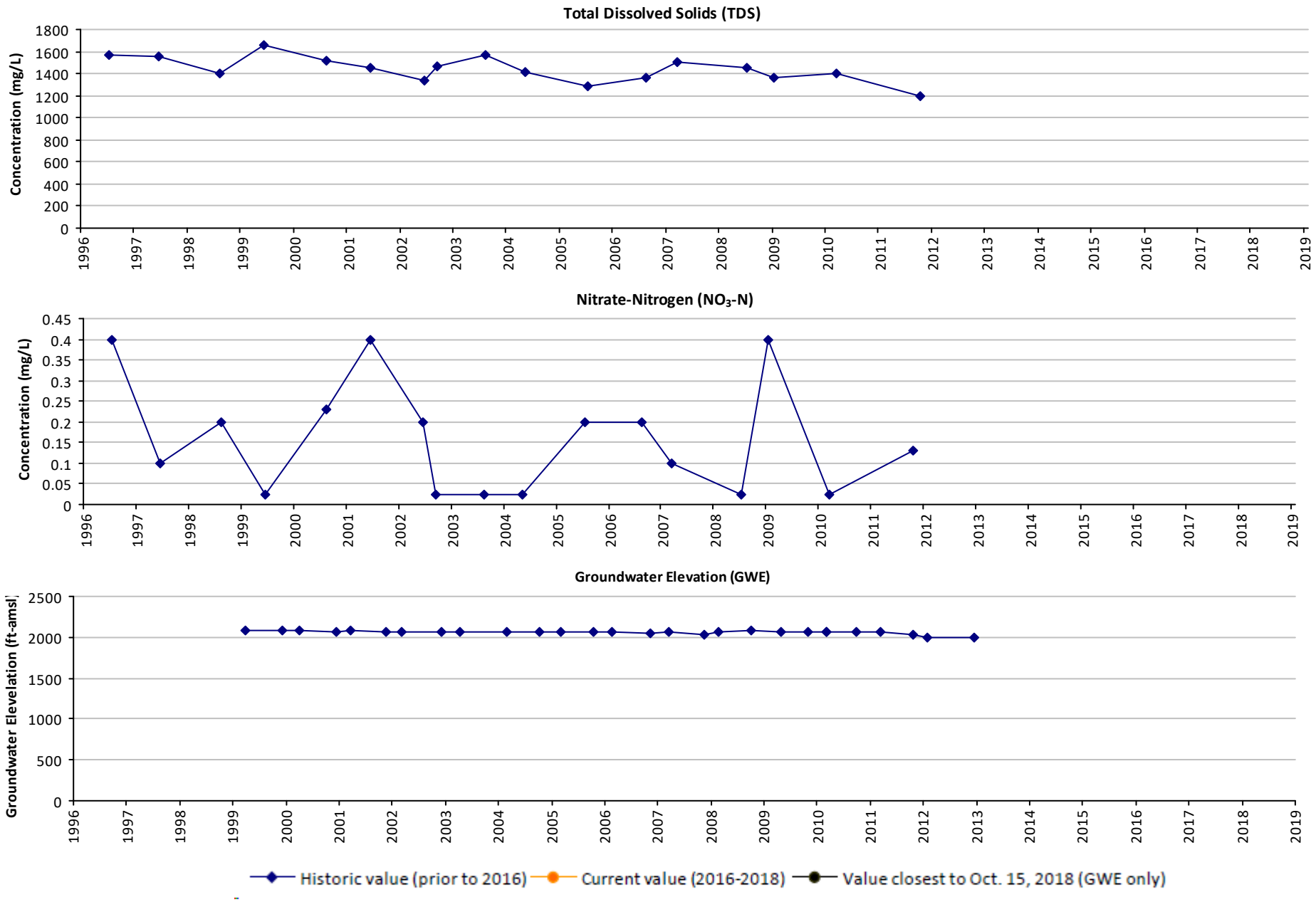

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

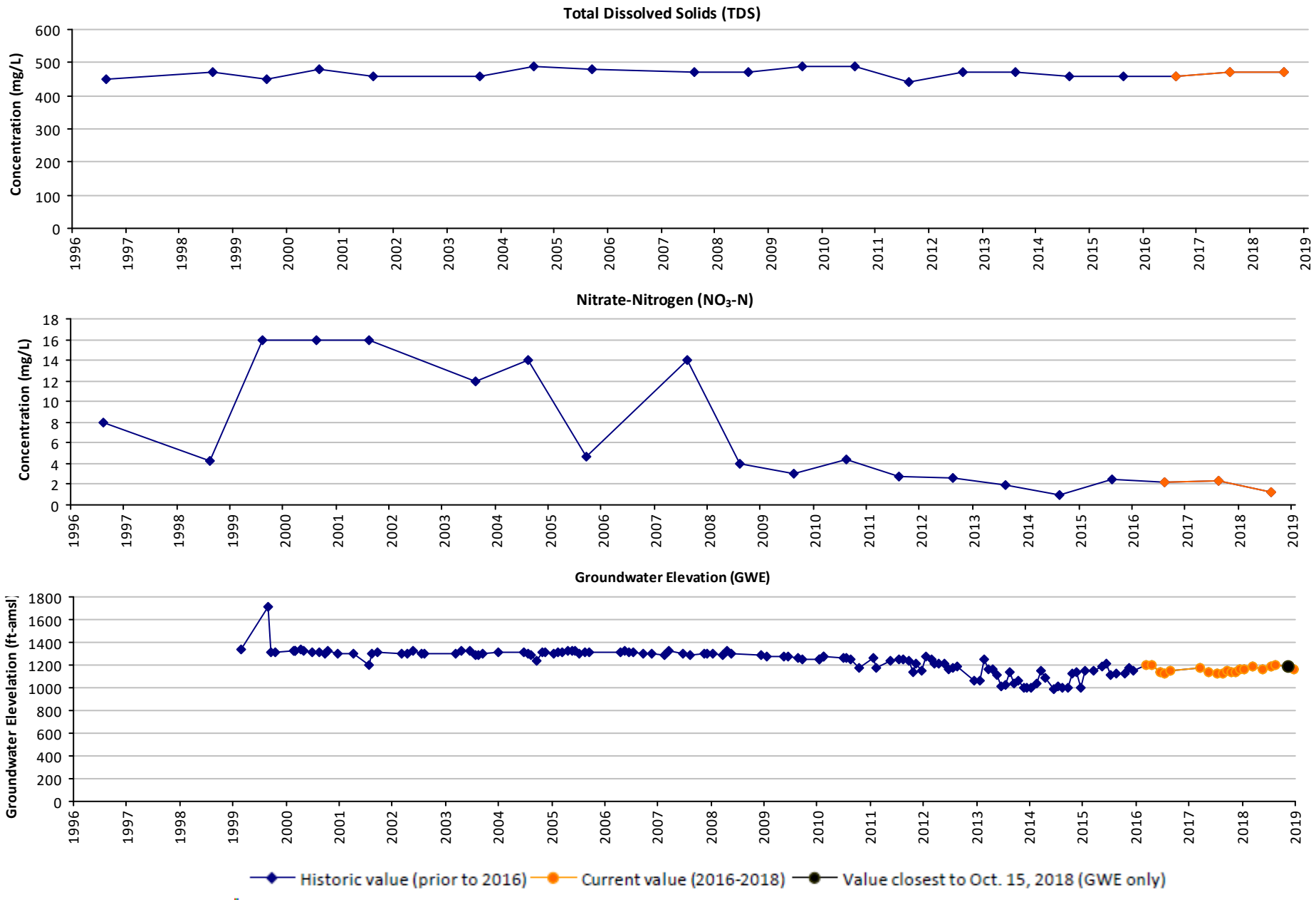

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

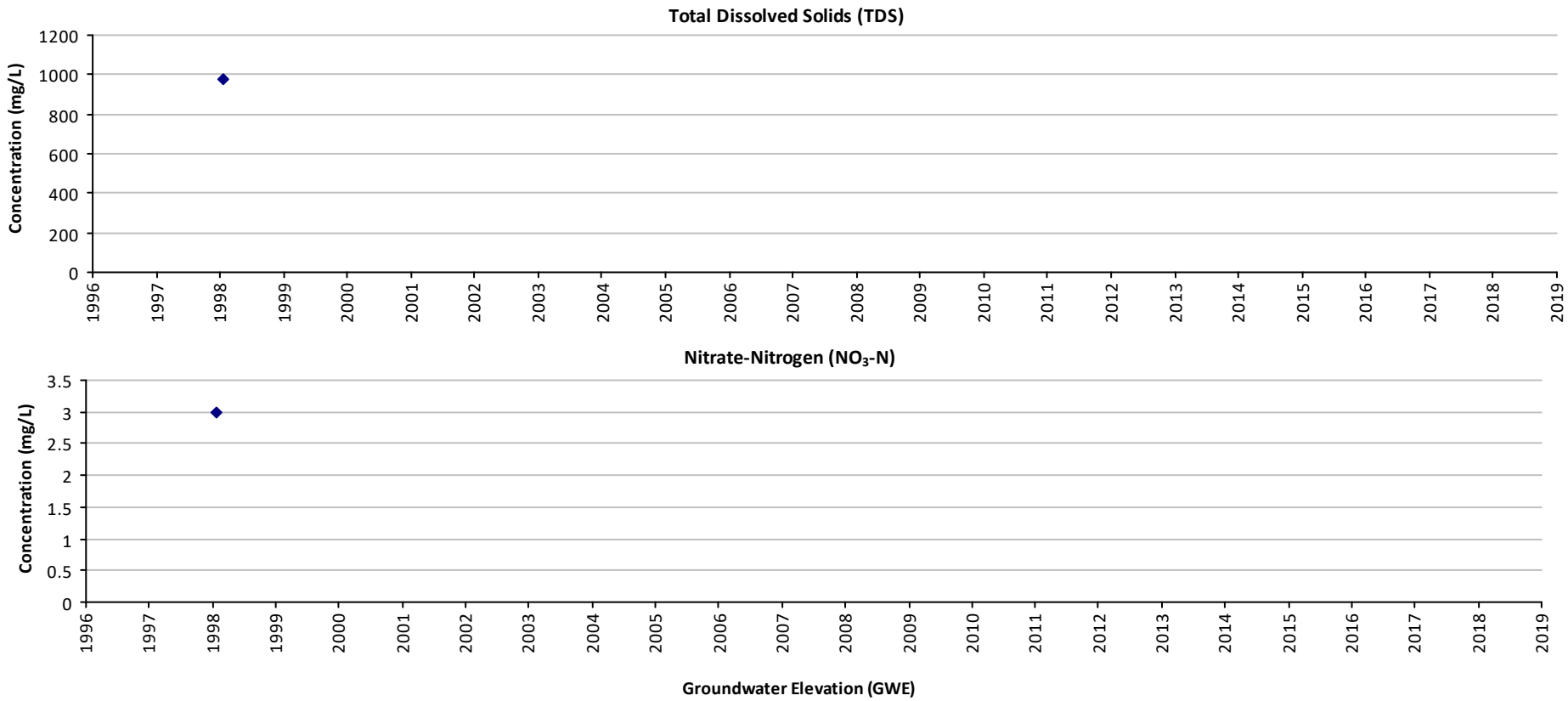

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

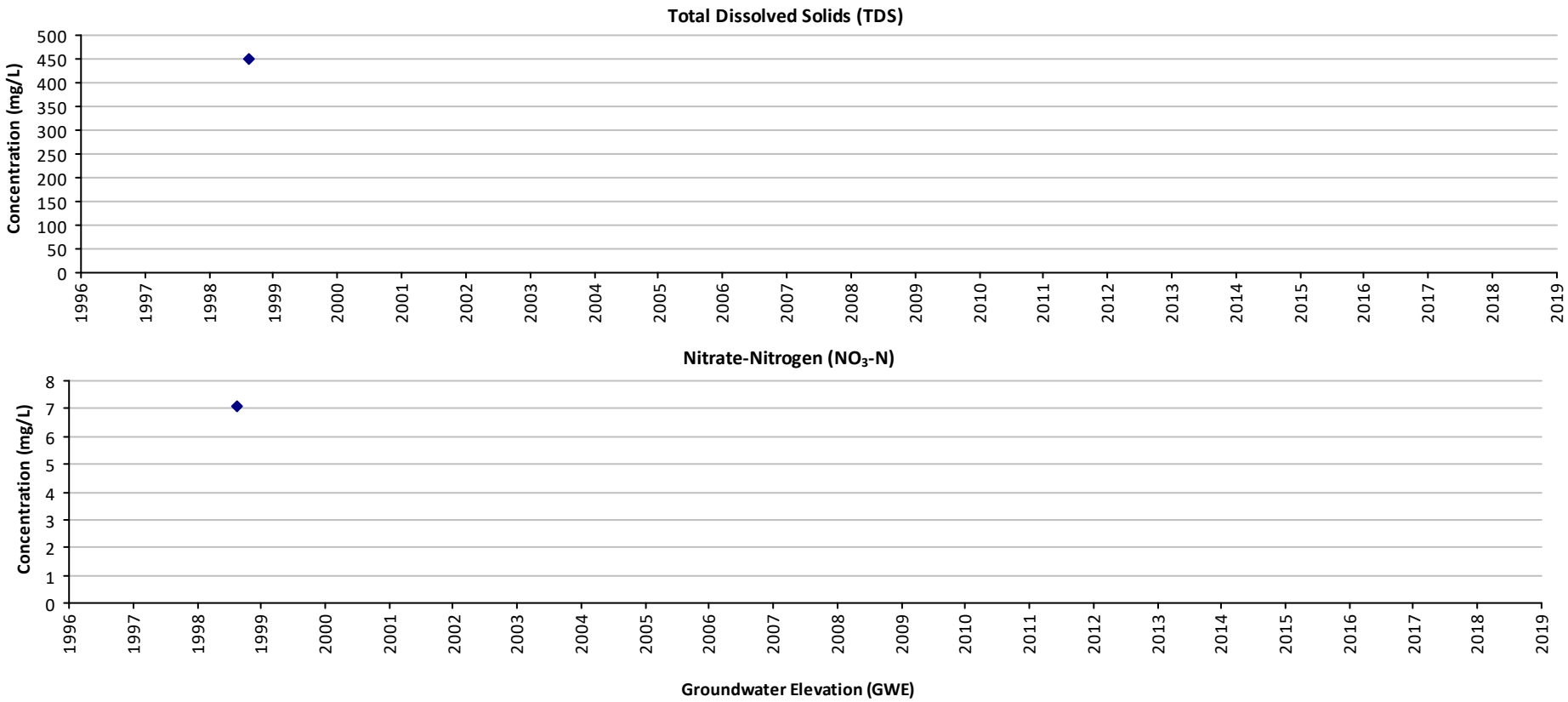

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

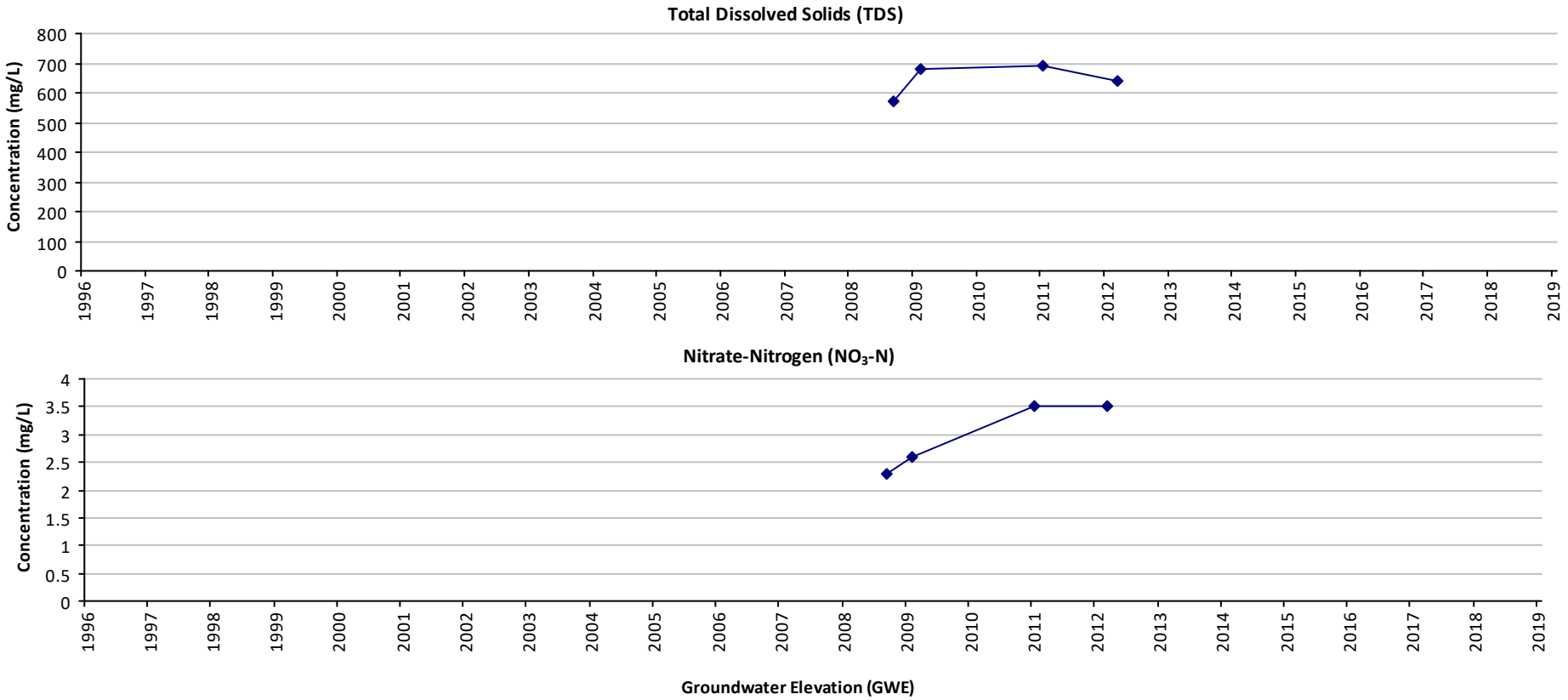

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

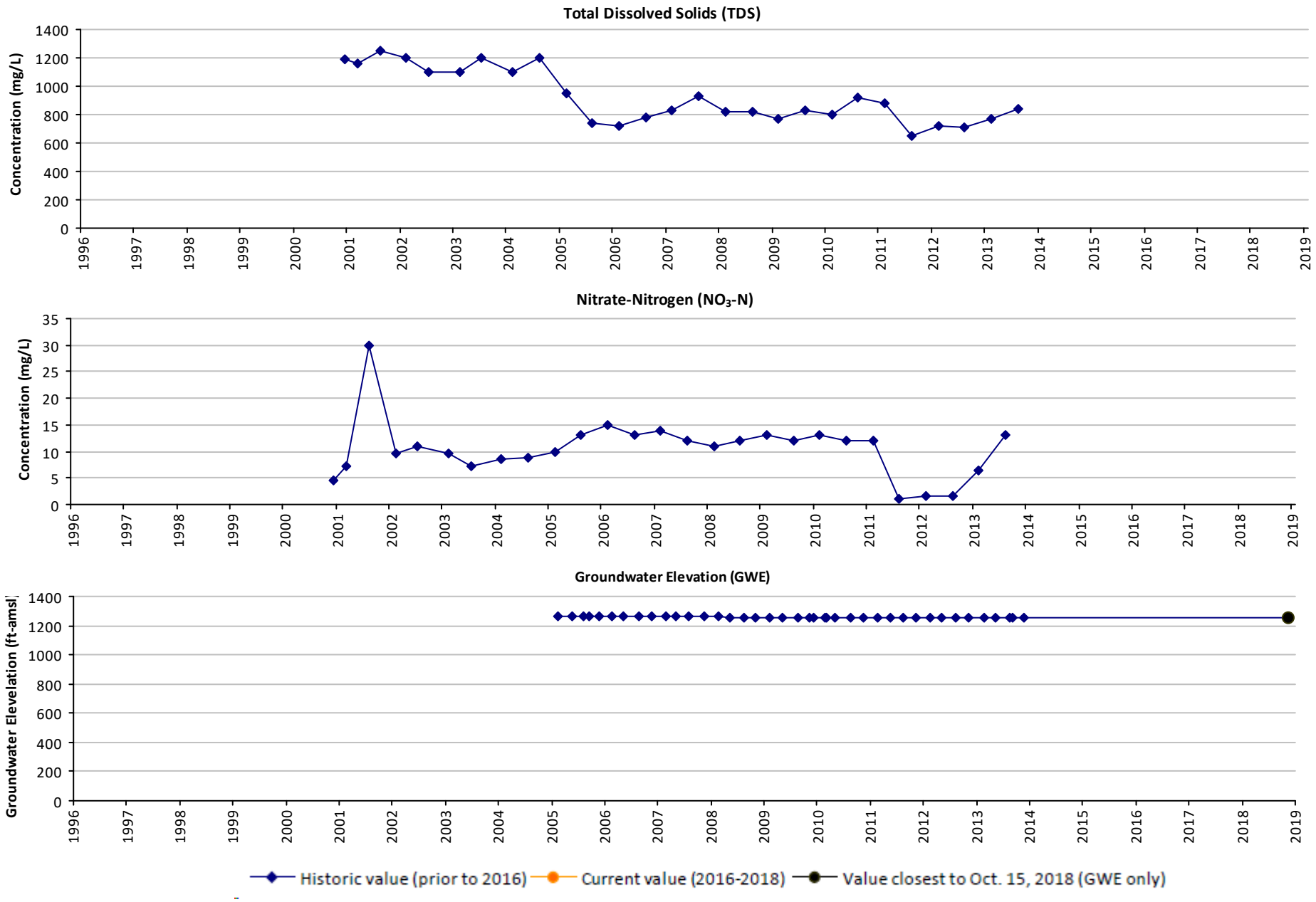

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

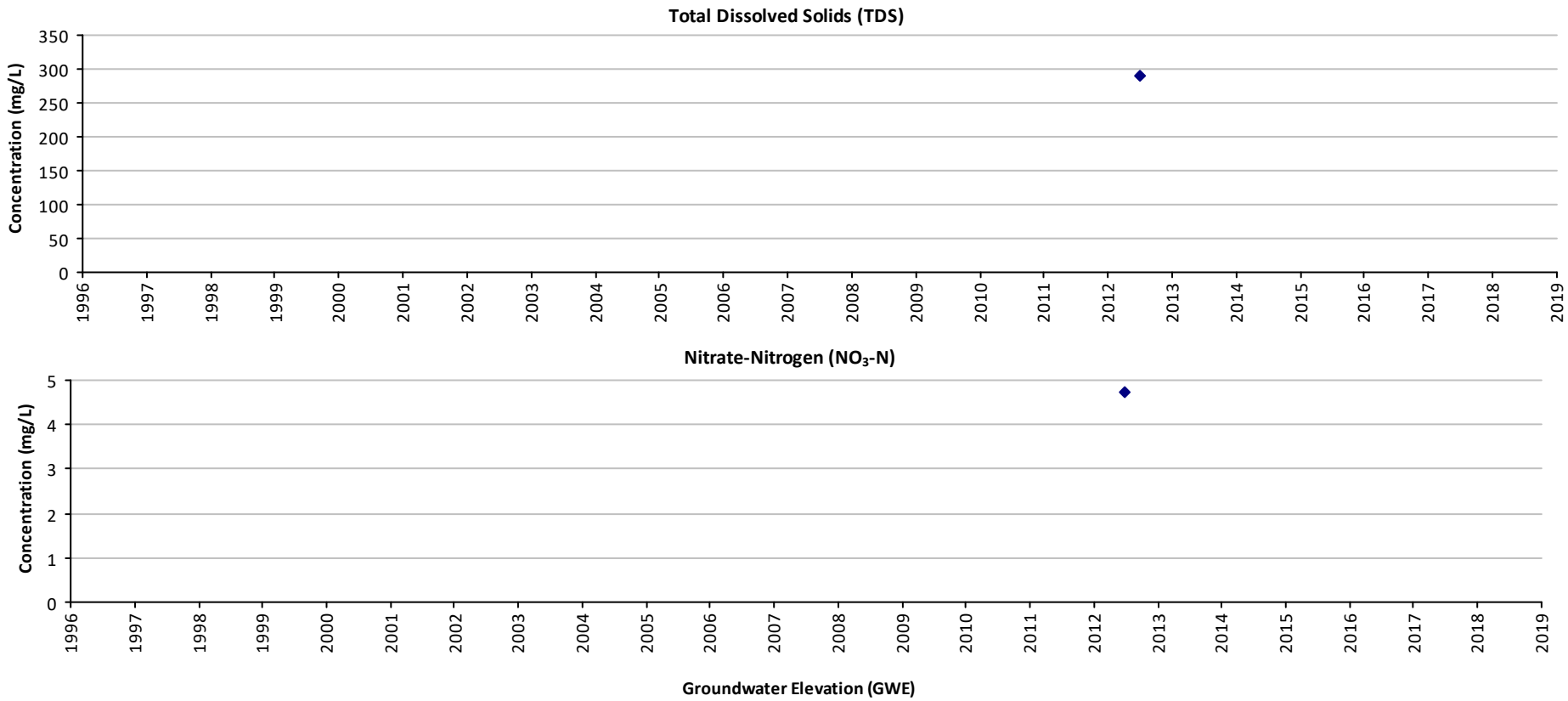

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

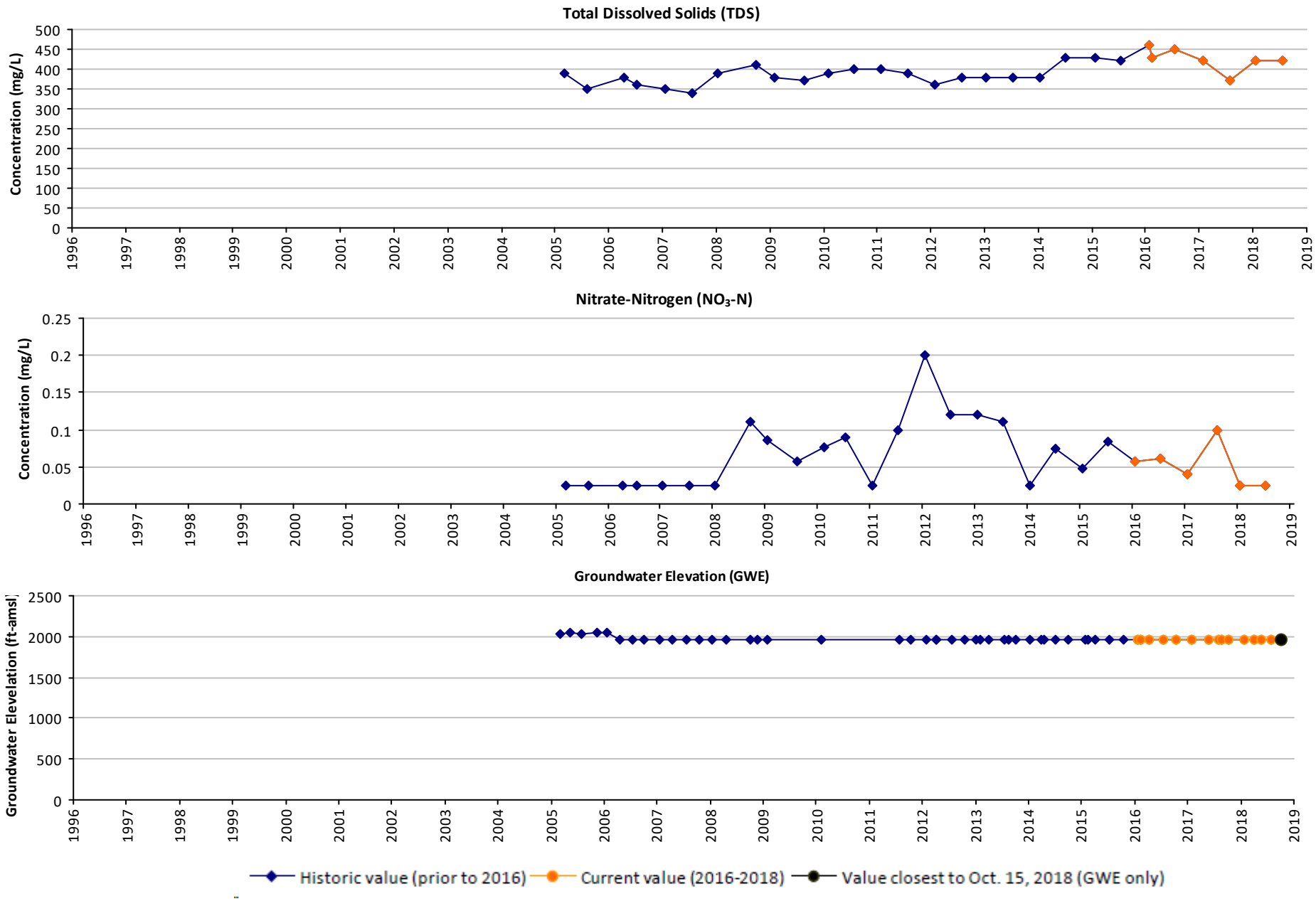

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

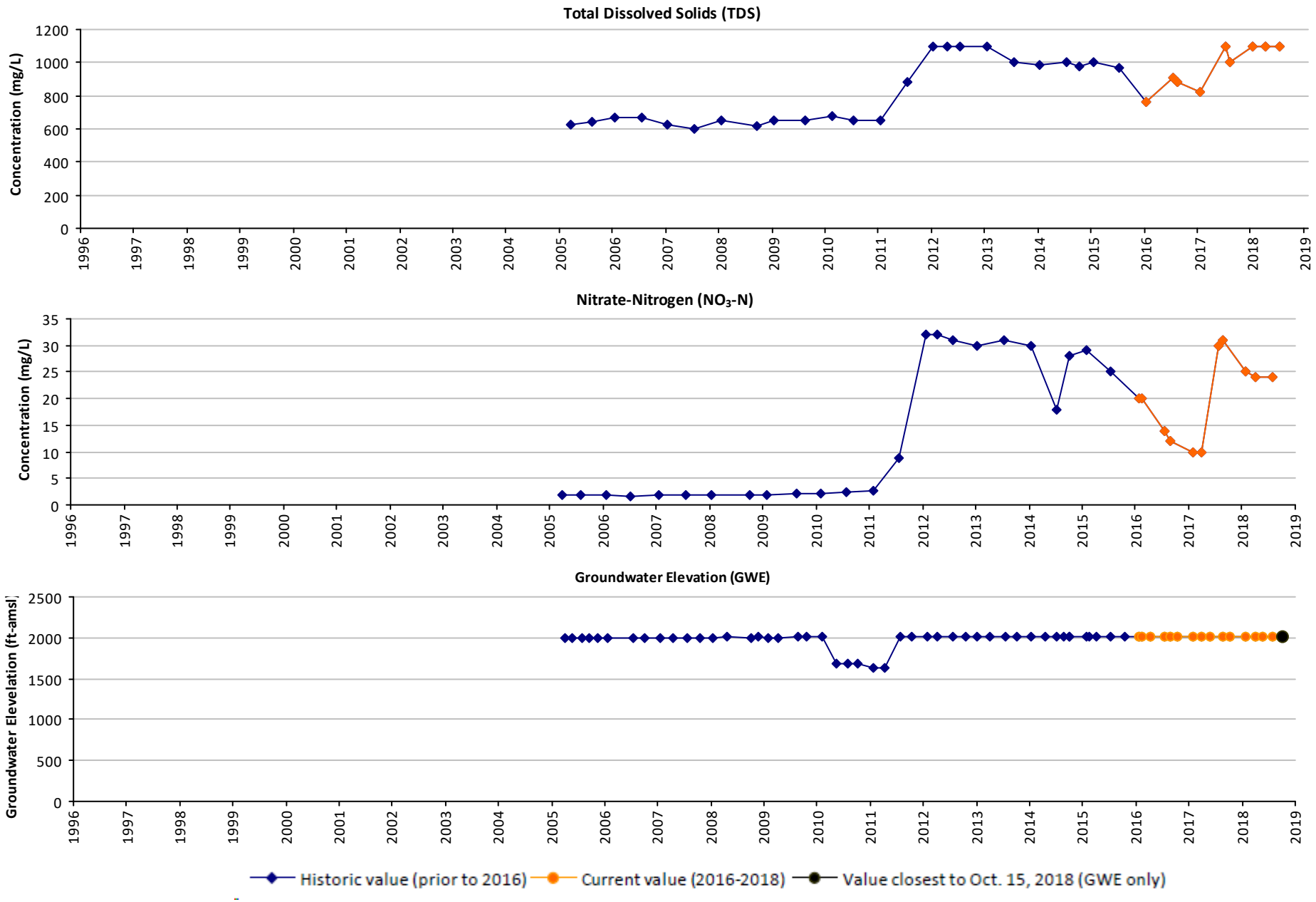

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

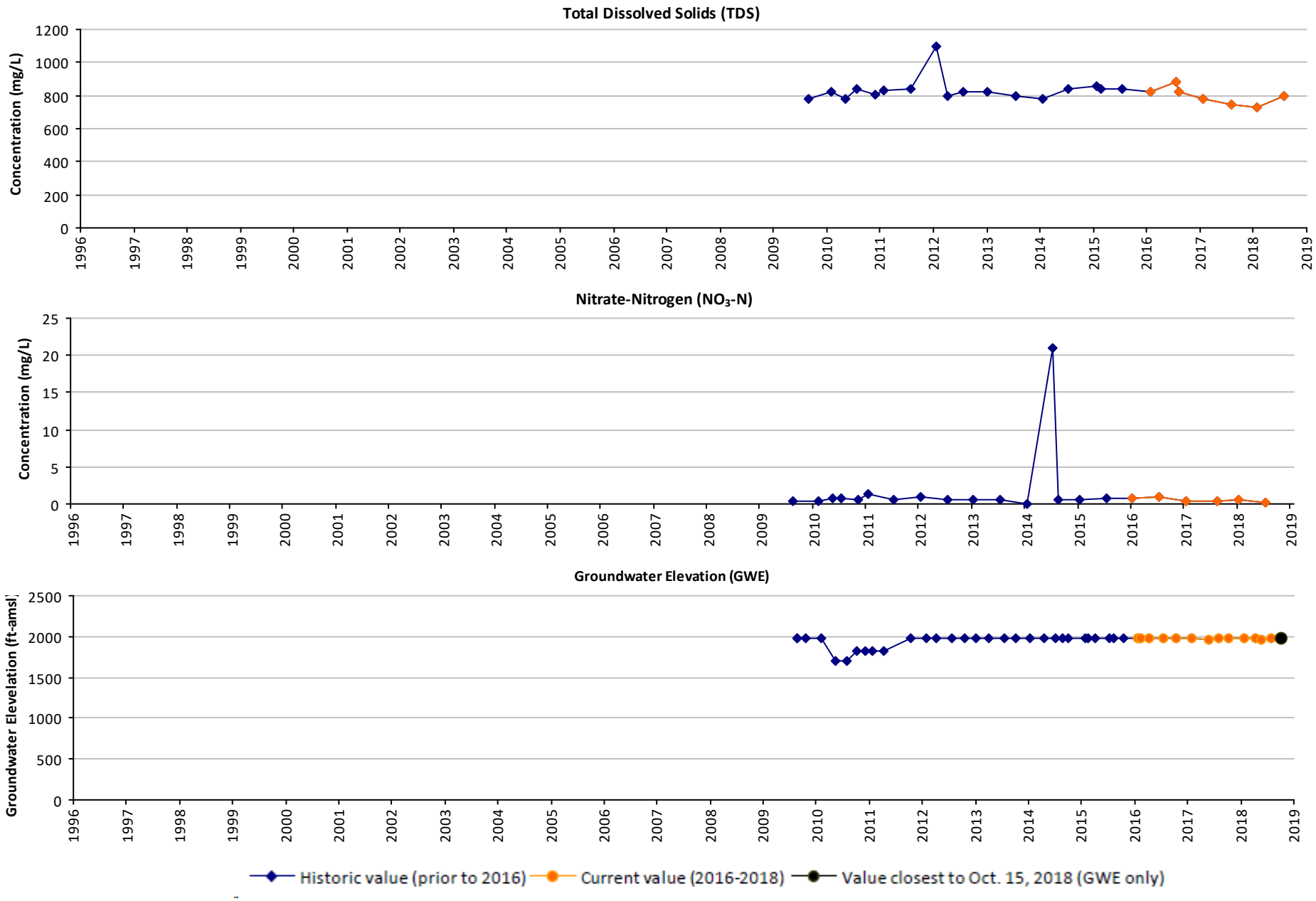

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

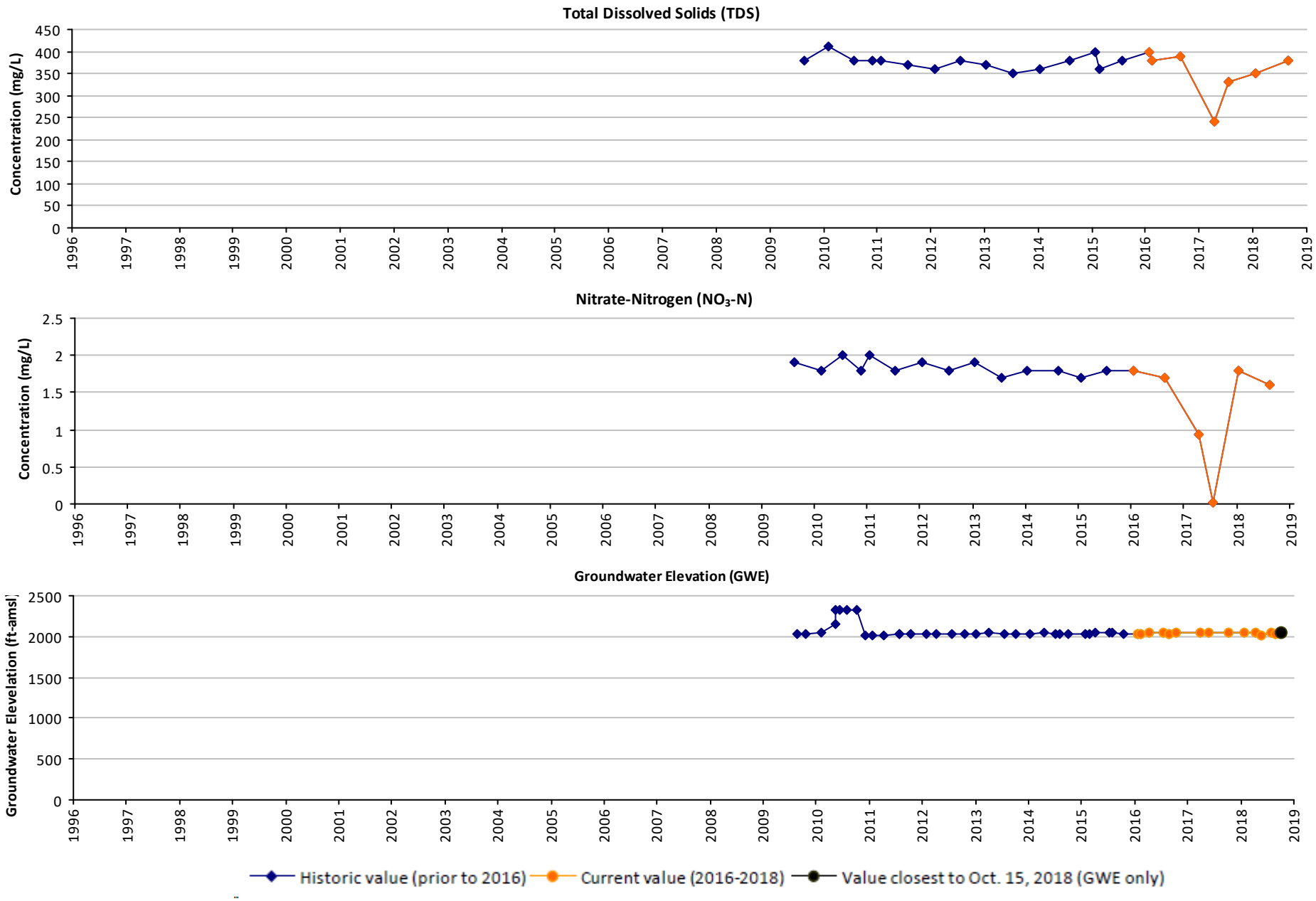

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

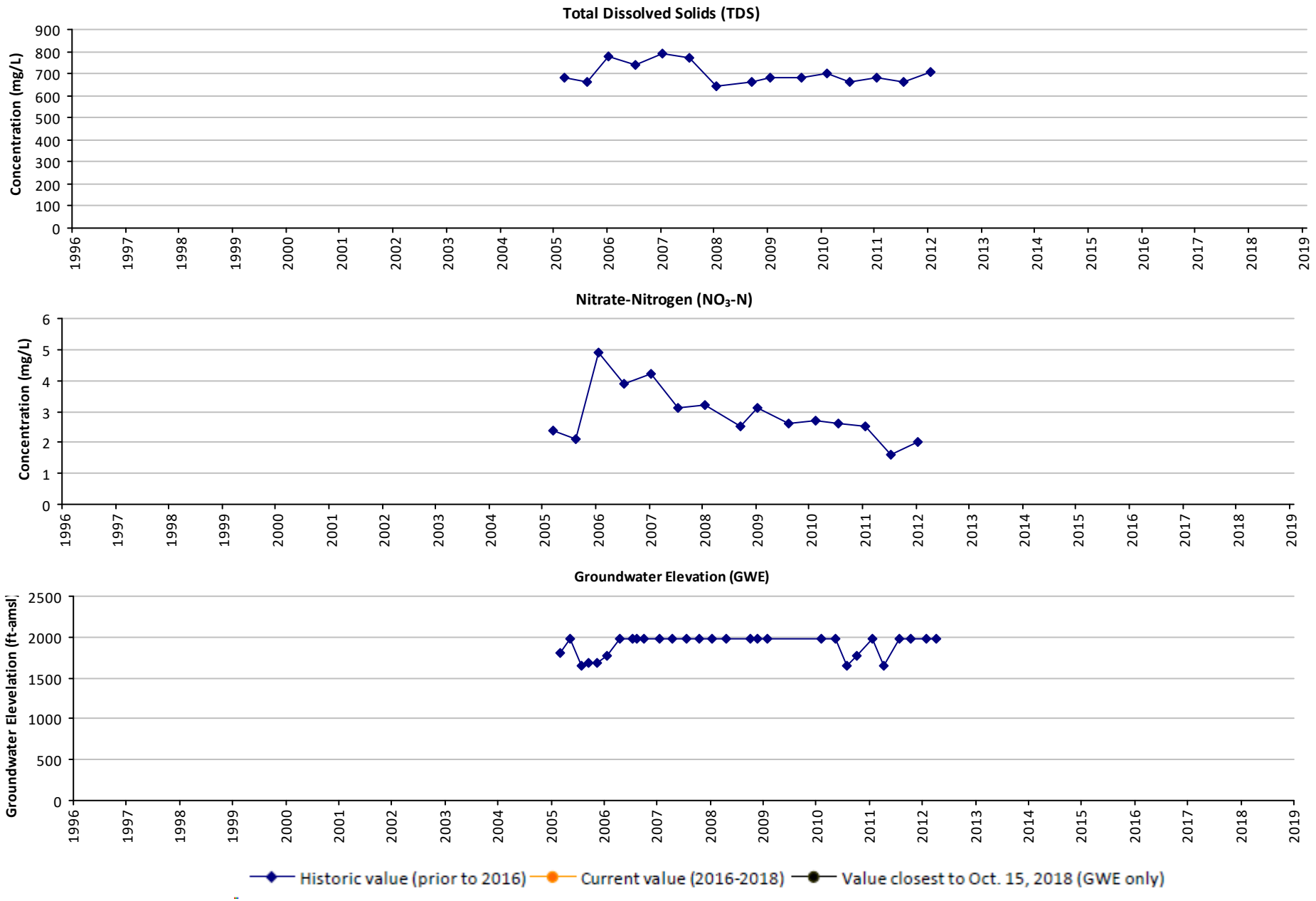

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

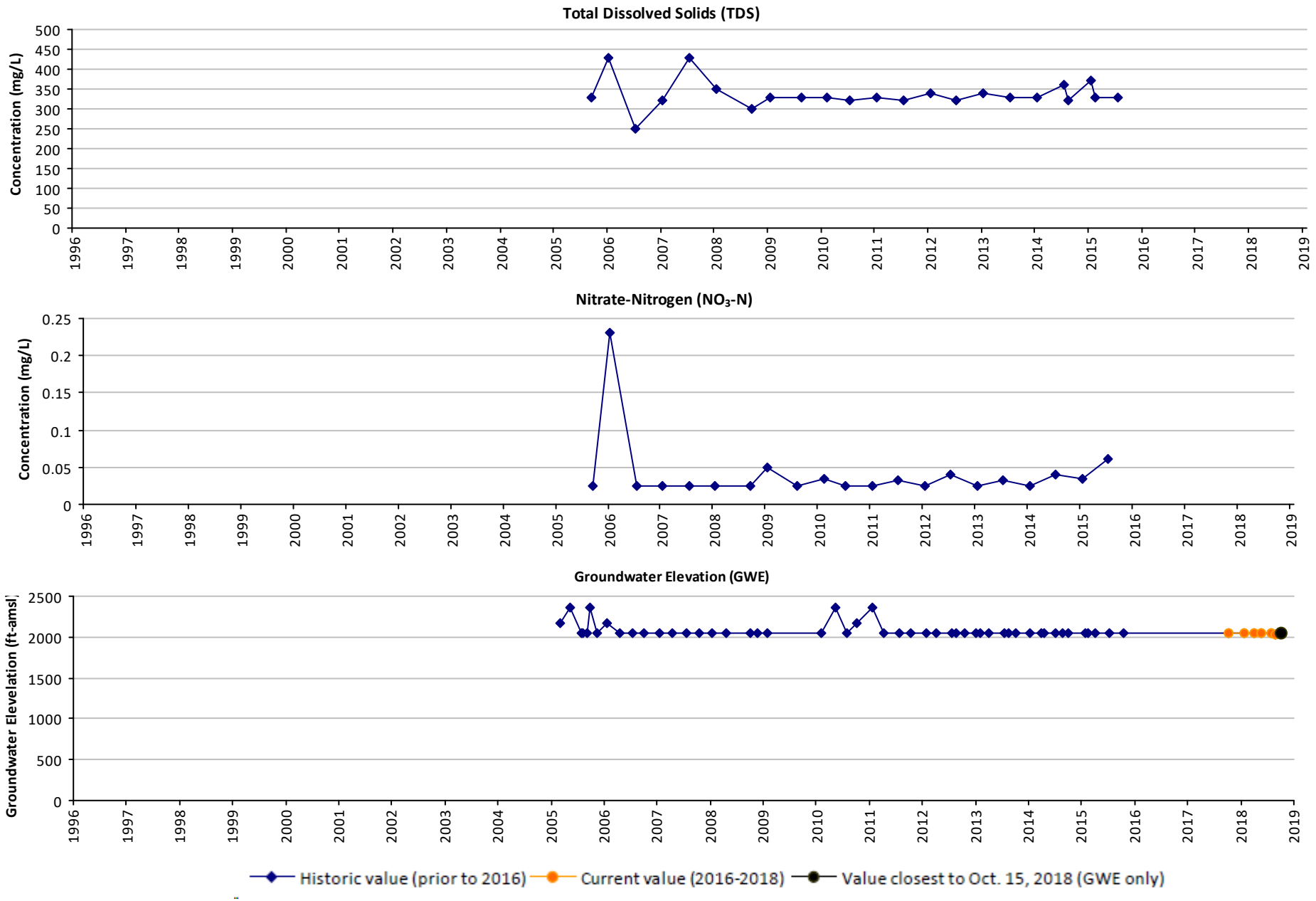

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

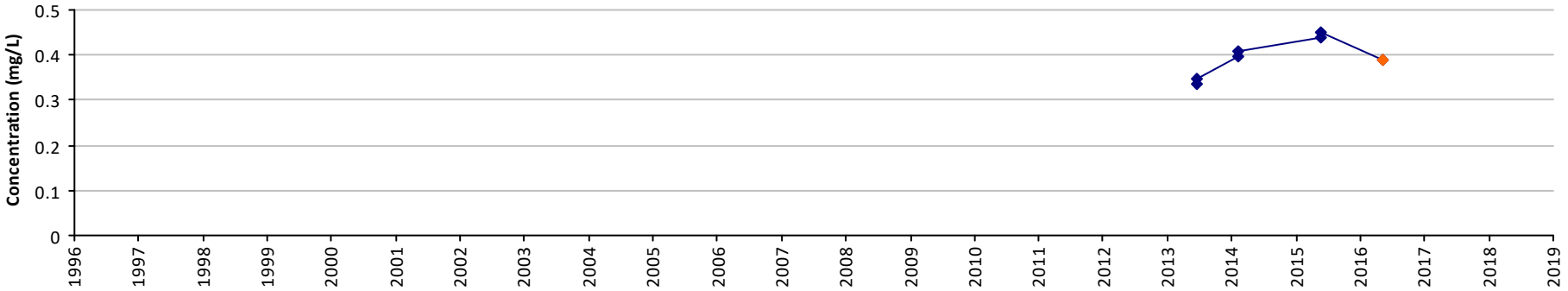
Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

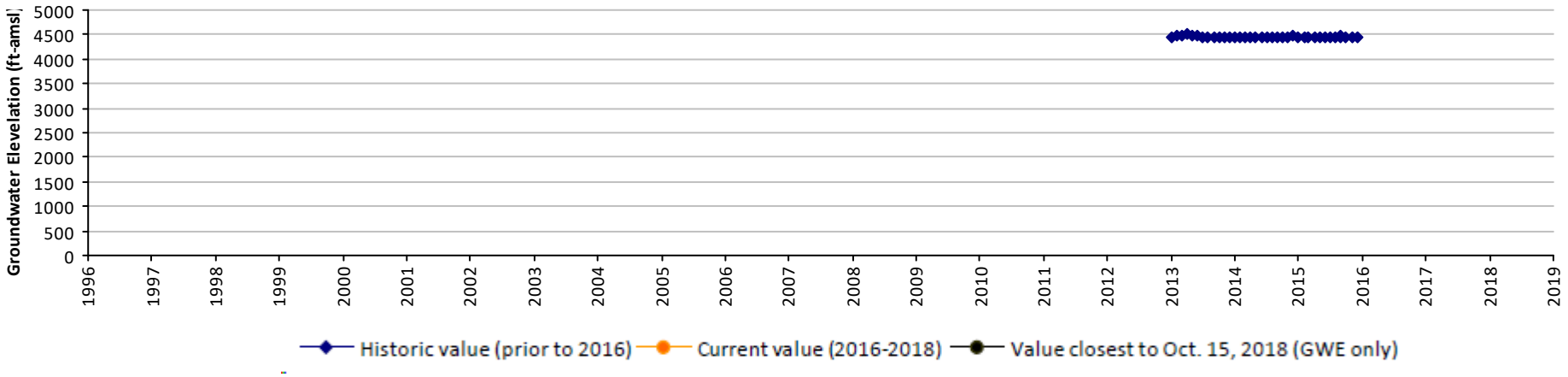
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

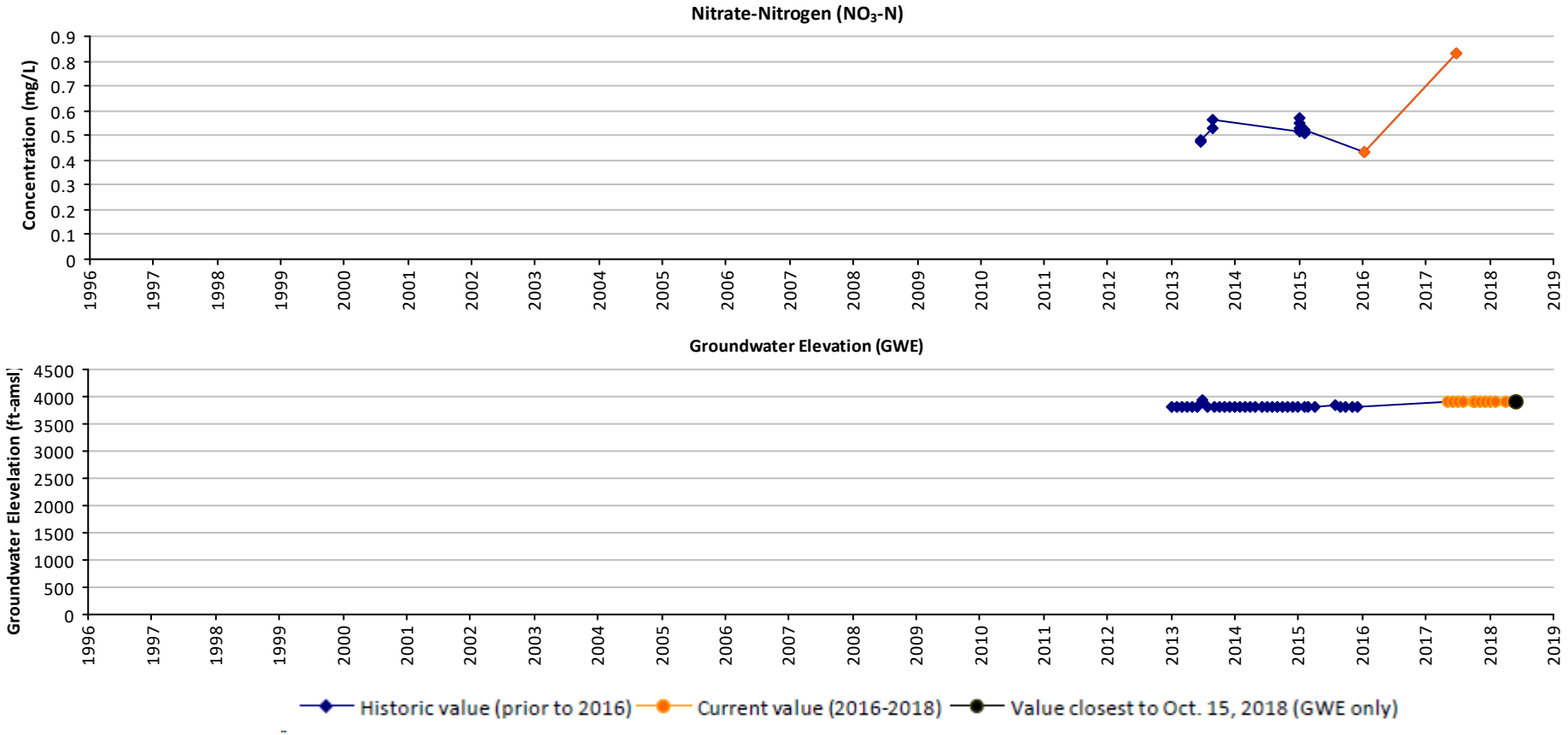
Nitrate-Nitrogen (NO_3-N)



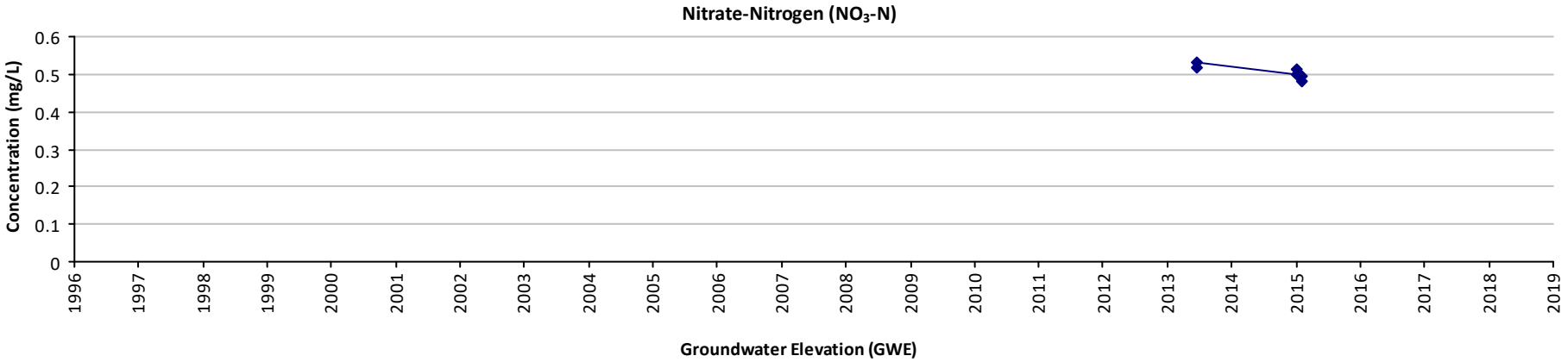
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)



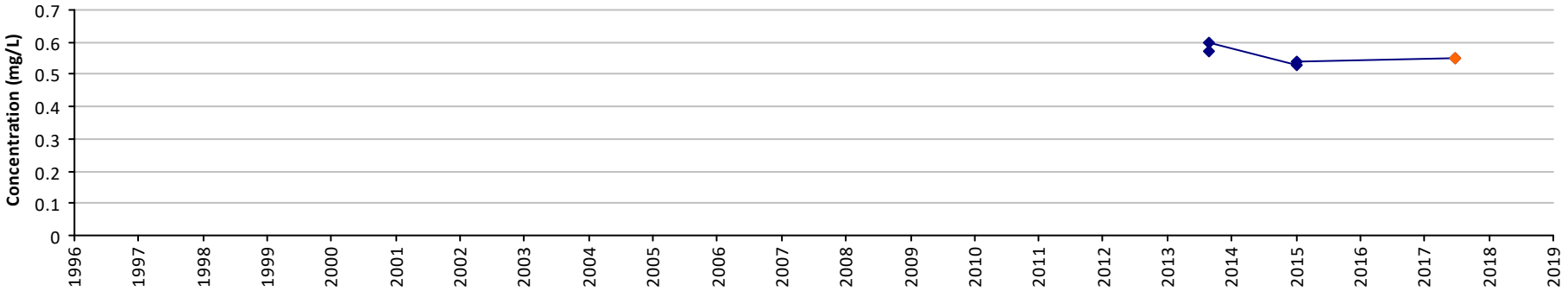
Total Dissolved Solids (TDS)



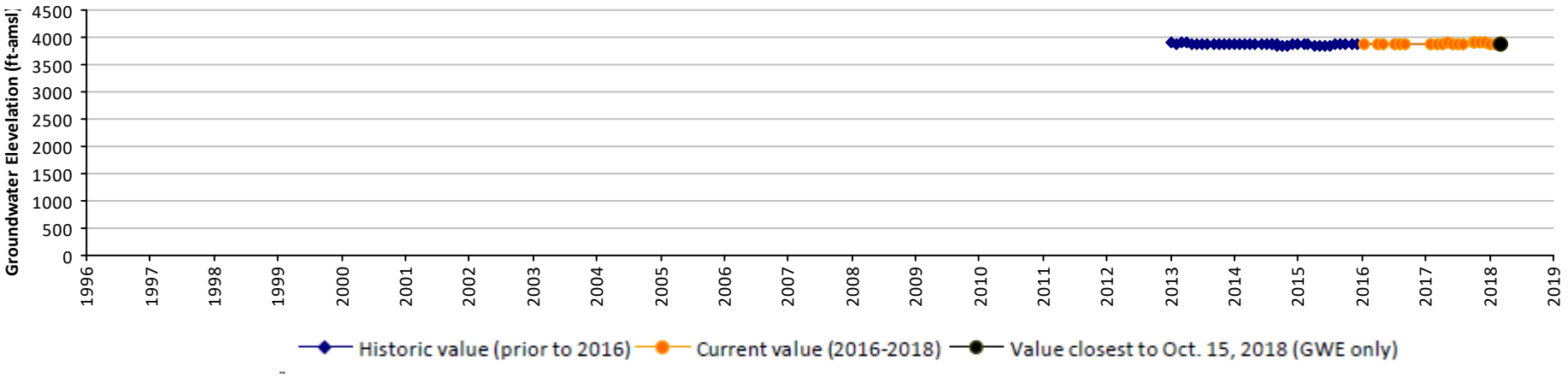
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

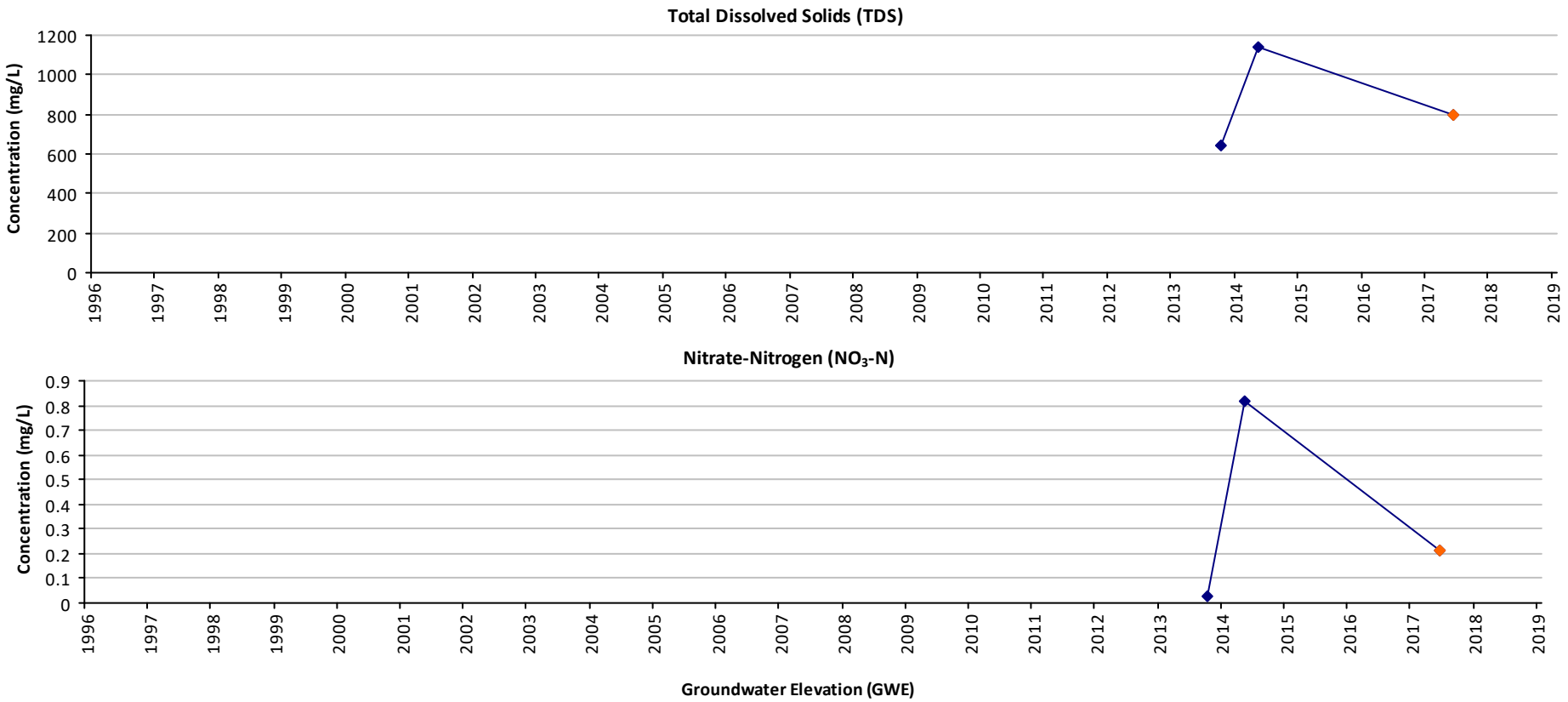
Total Dissolved Solids (TDS)

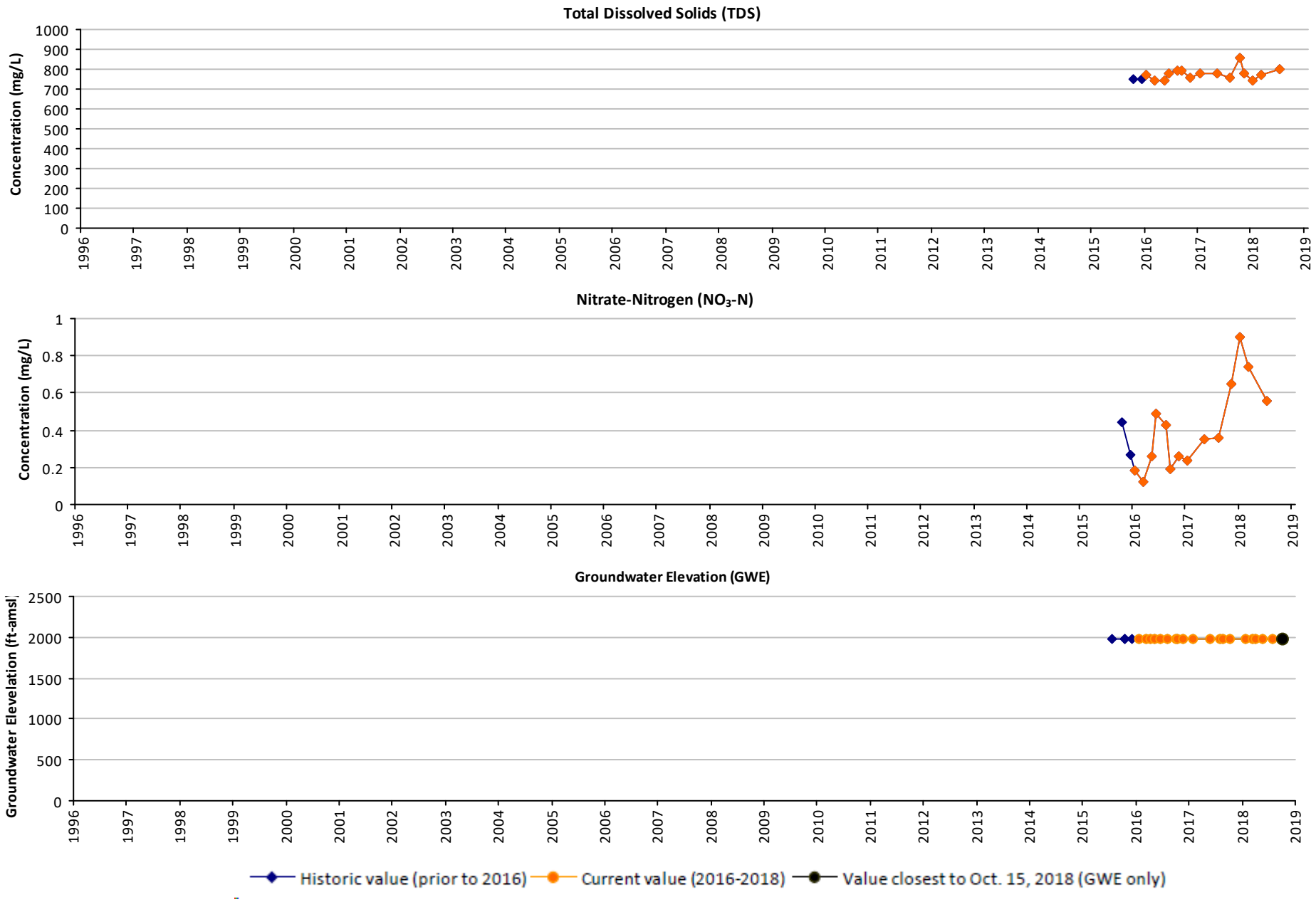
Nitrate-Nitrogen (NO_3-N)

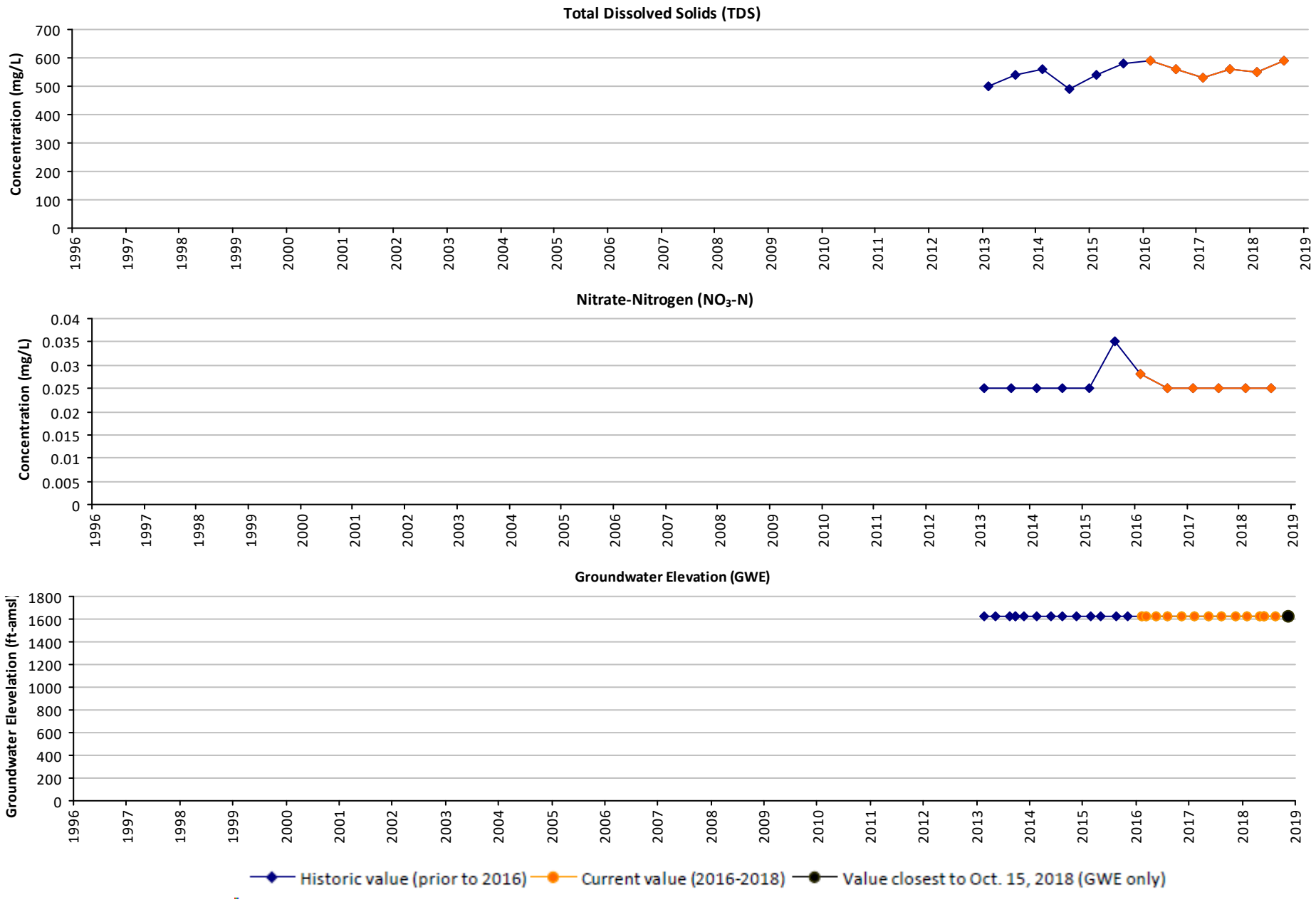


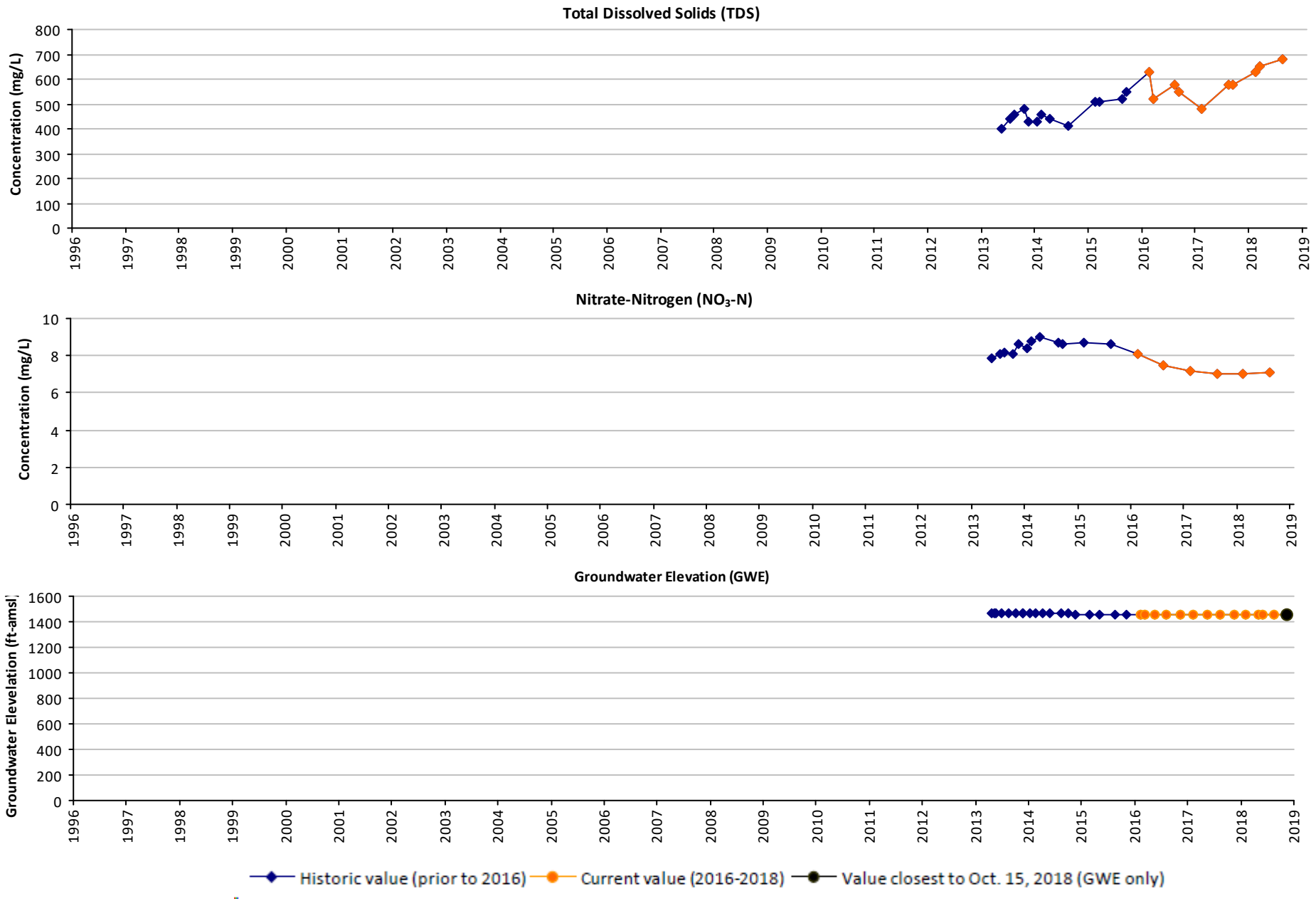
Groundwater Elevation (GWE)

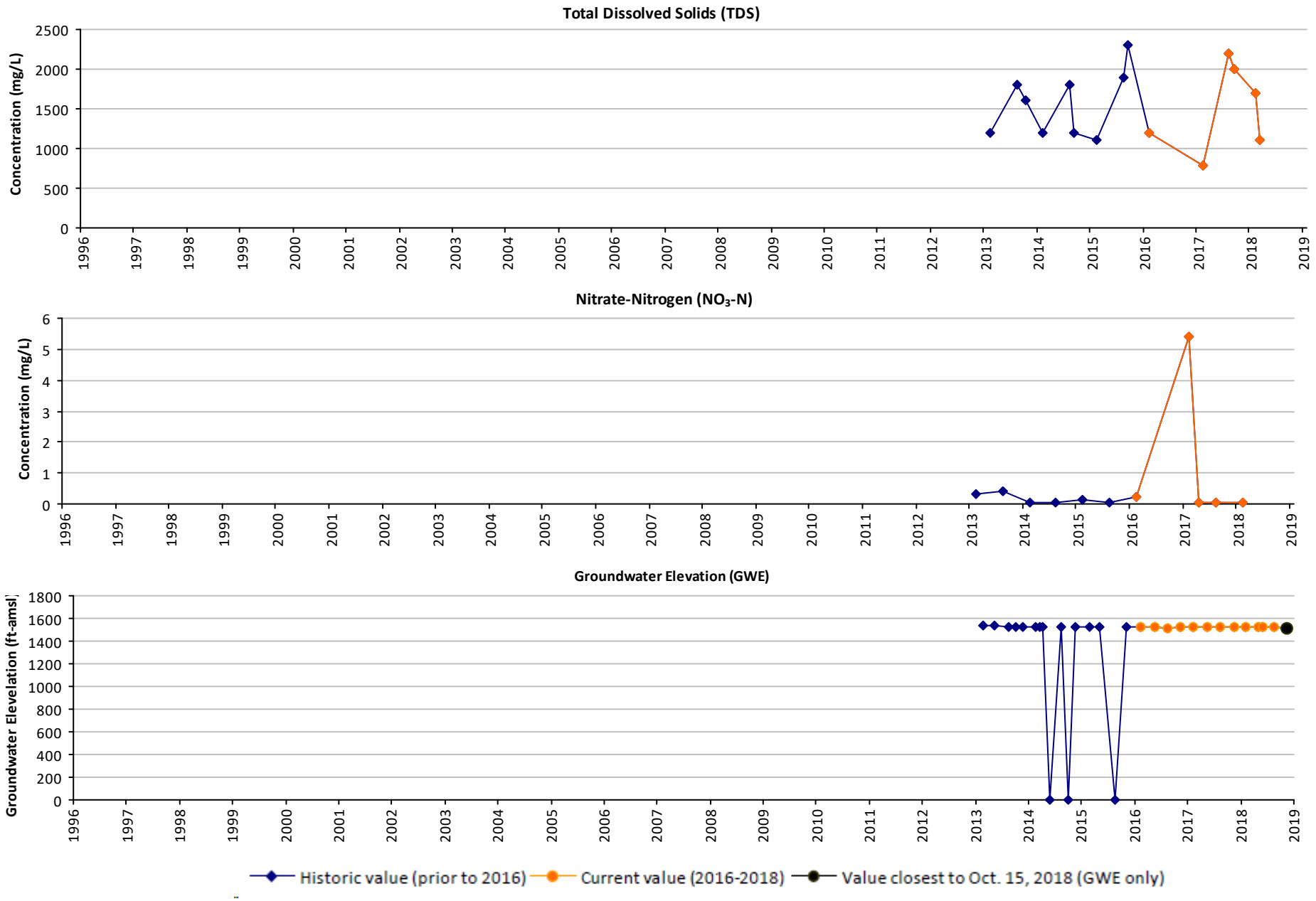


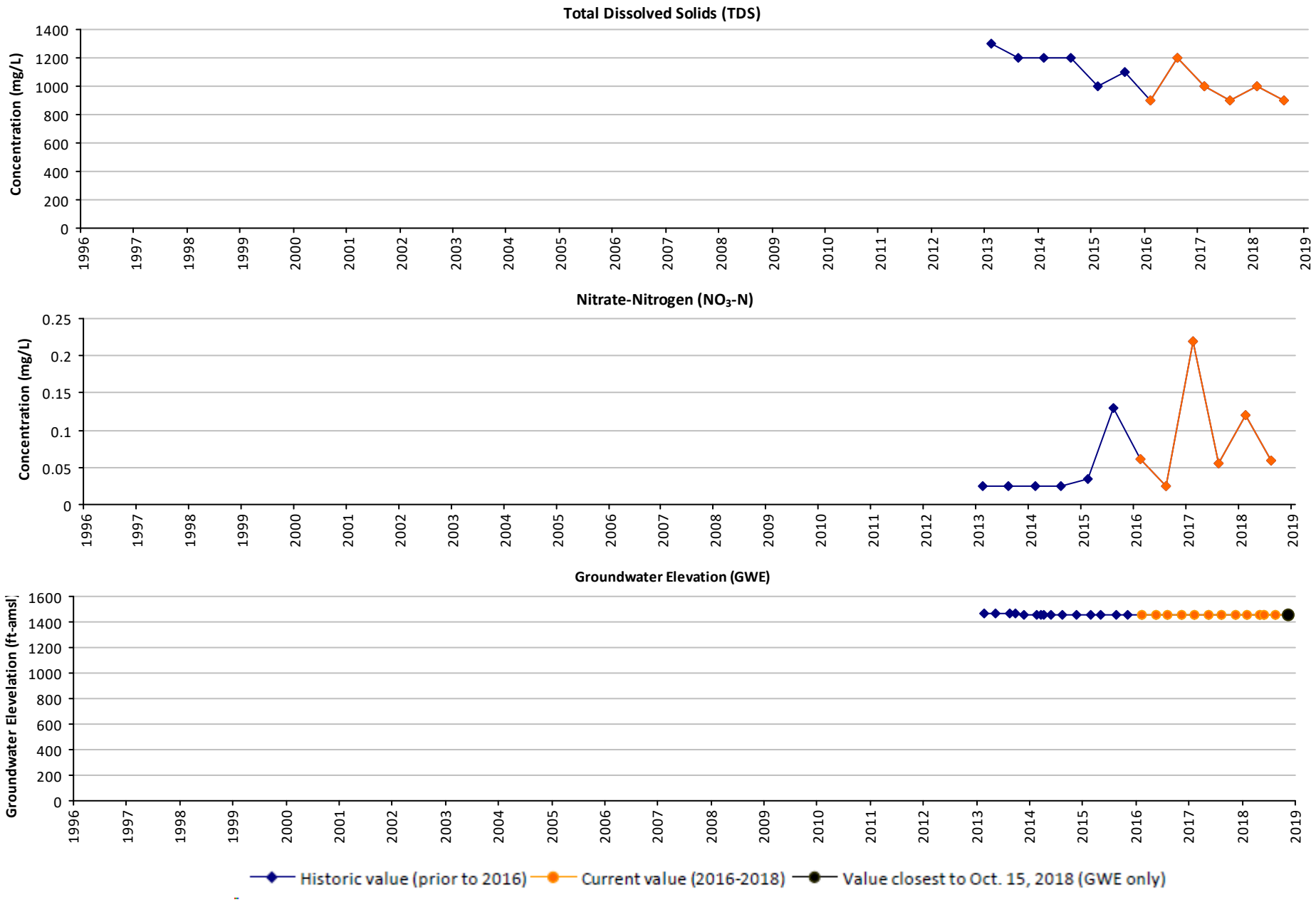

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

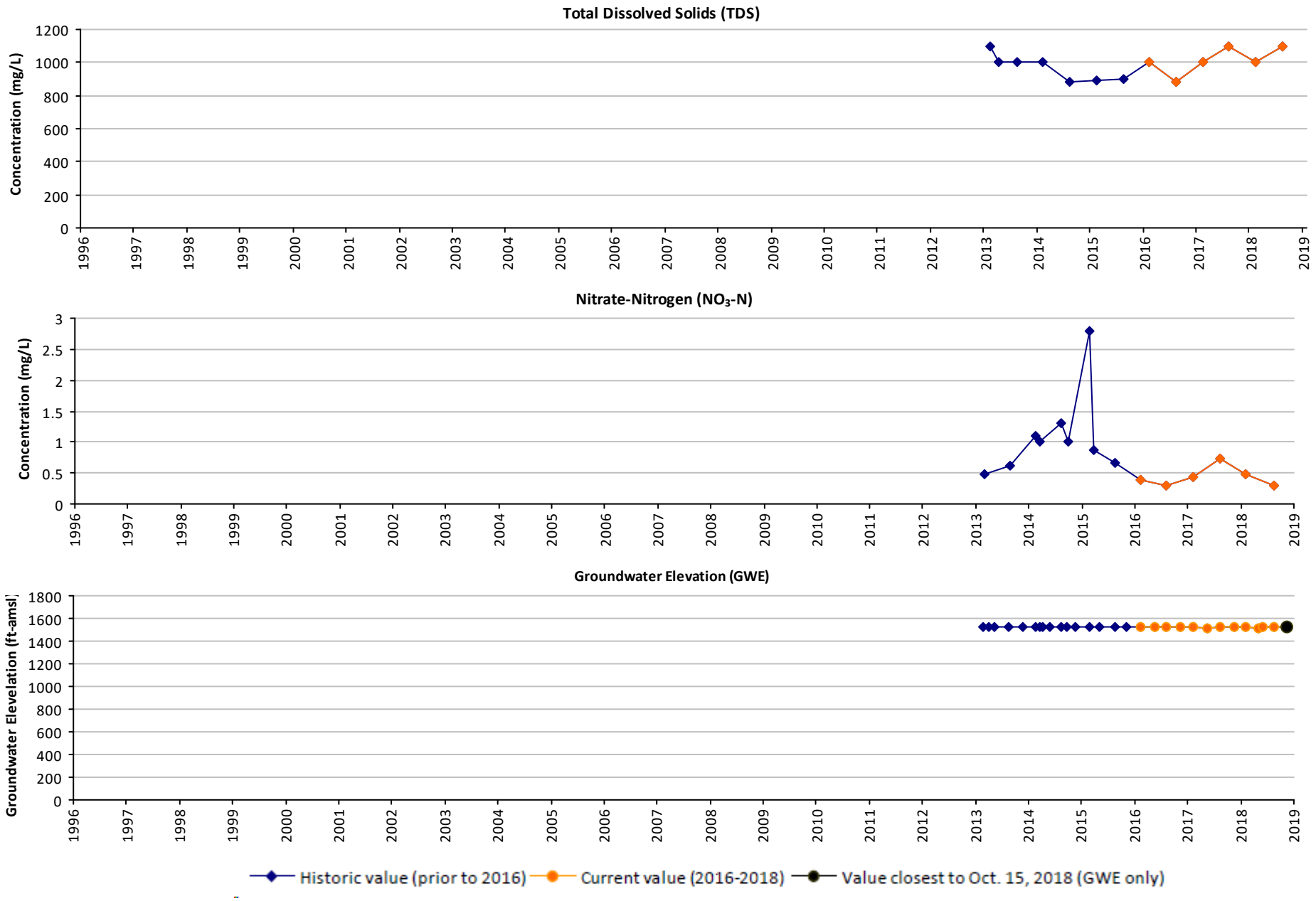

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2500
2000
1500
1000
500
0
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

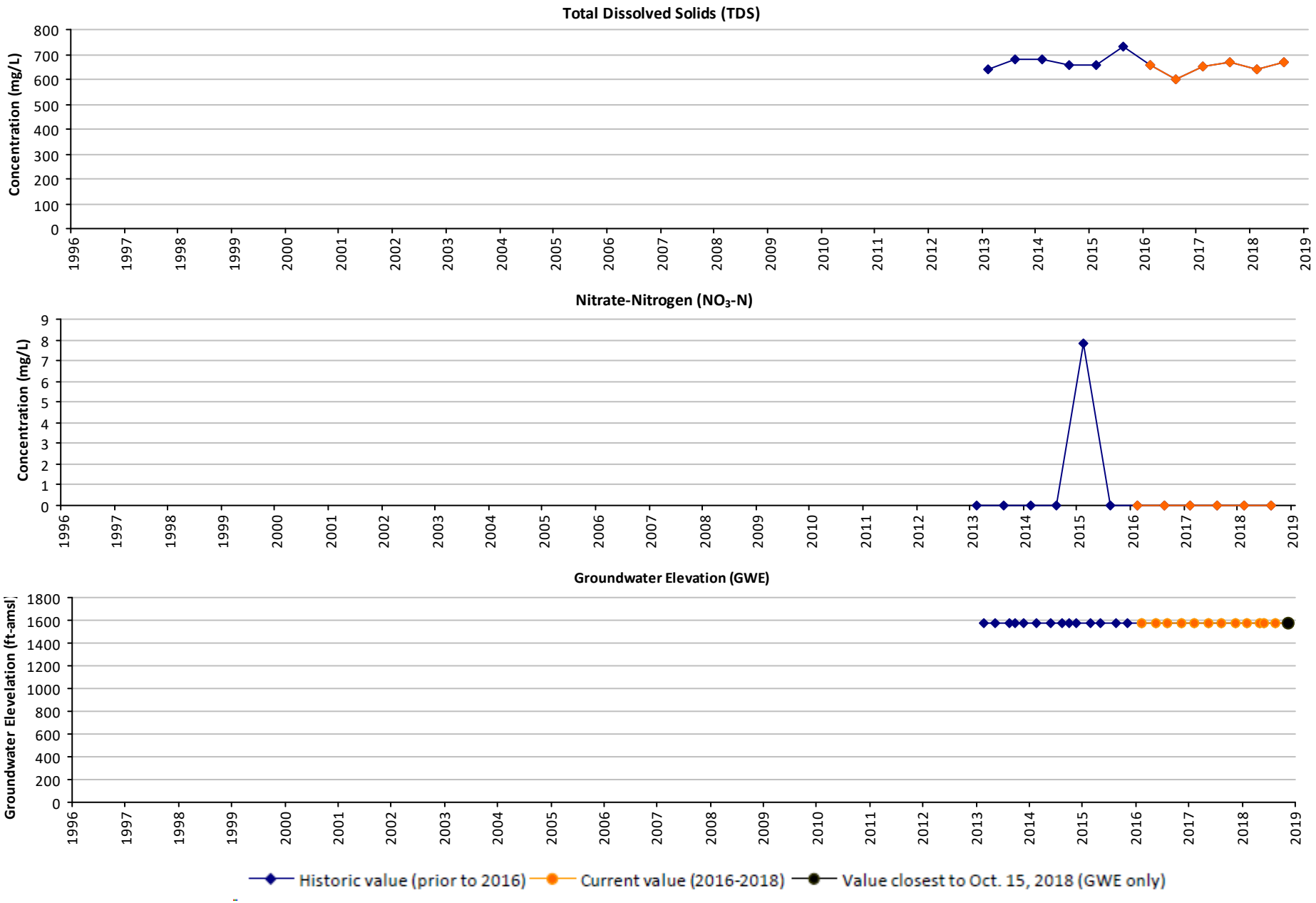

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
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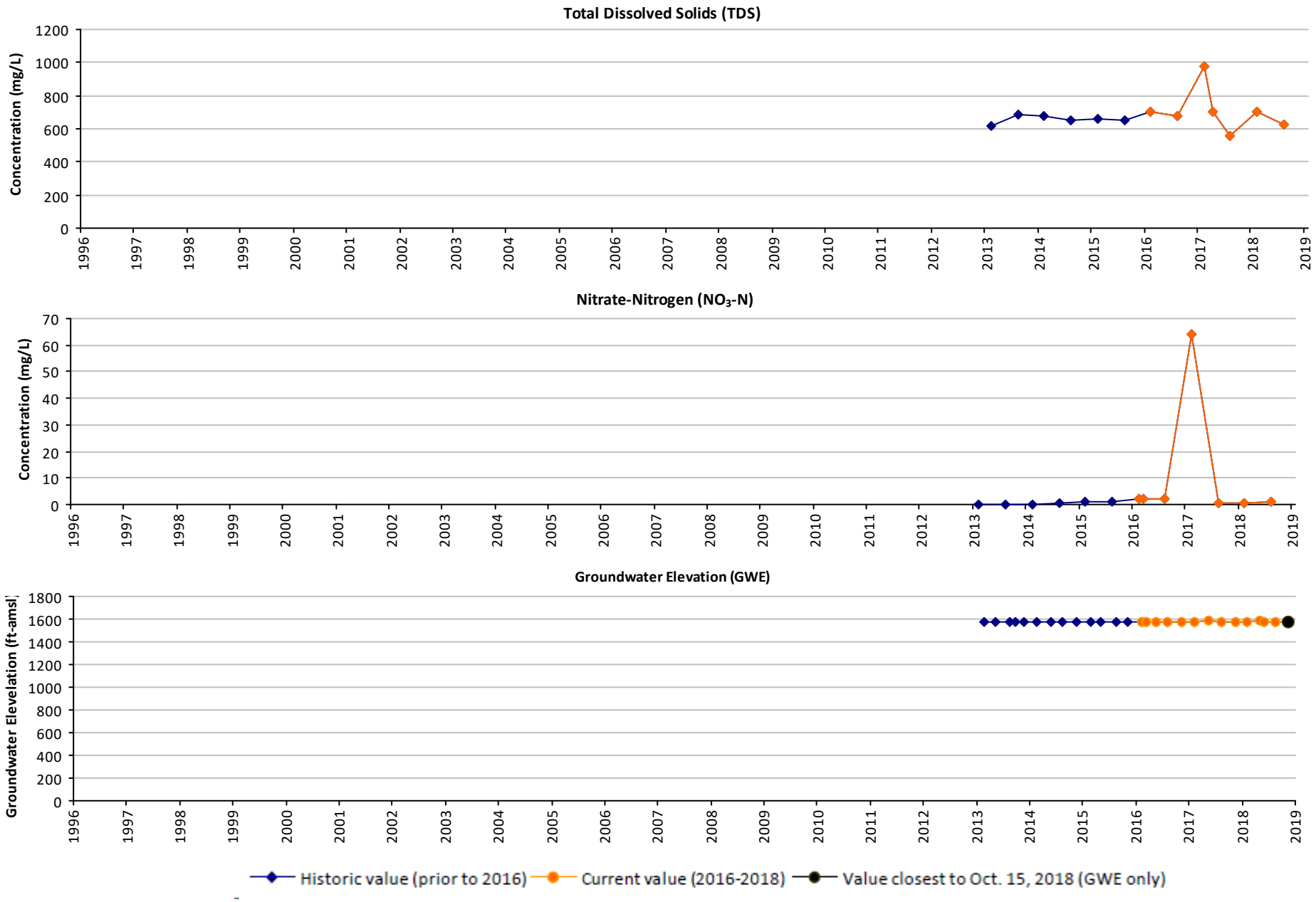
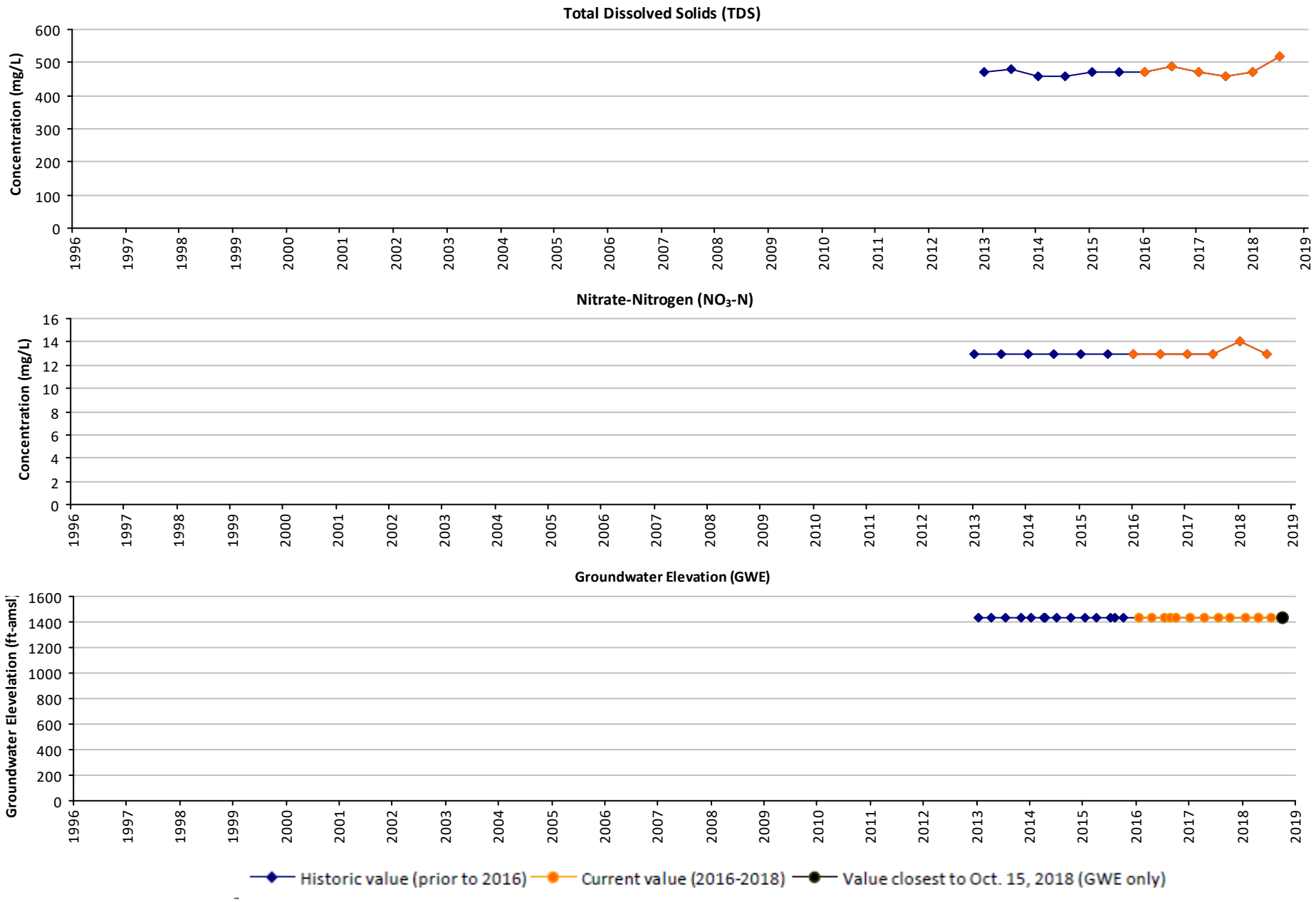
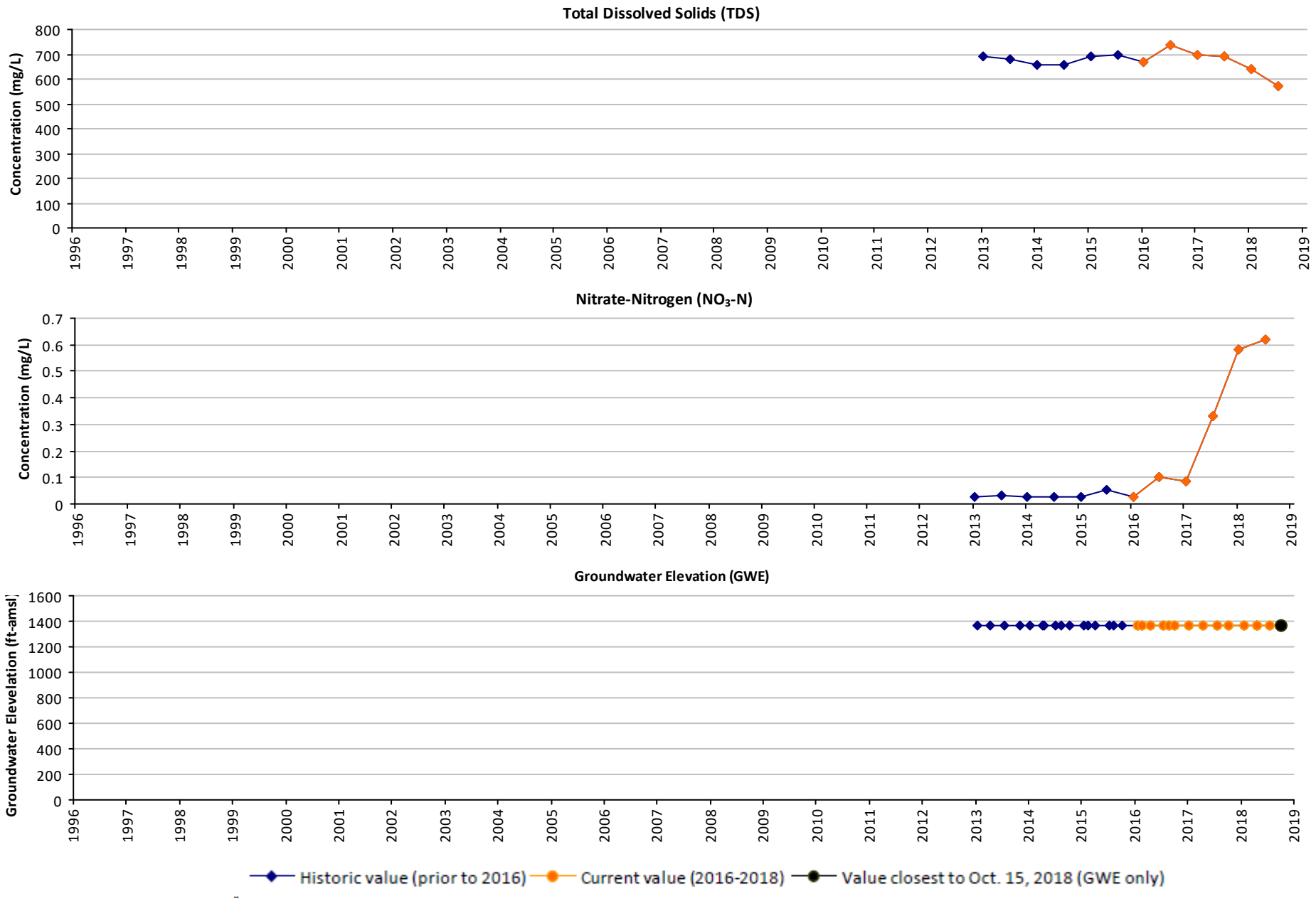
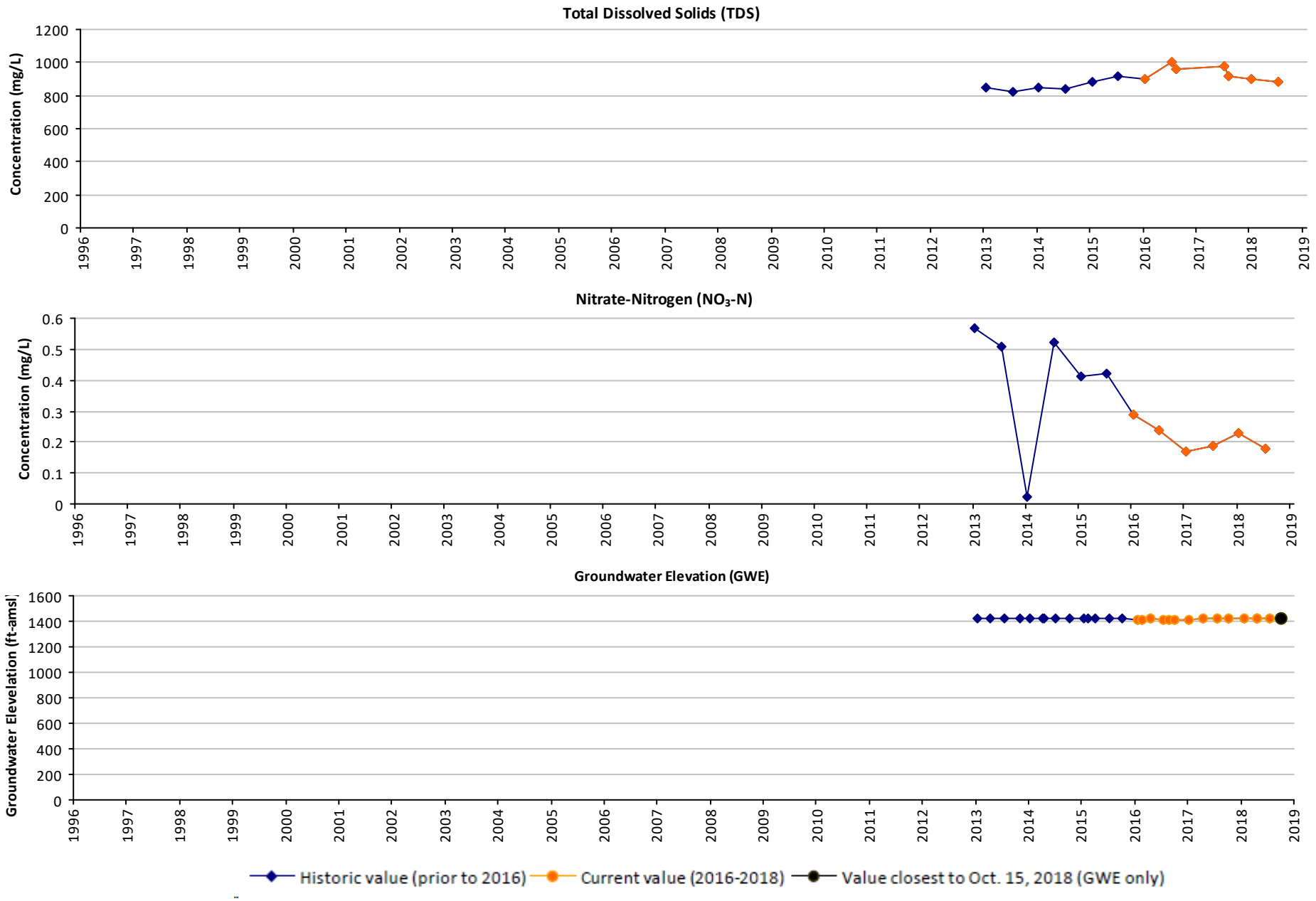
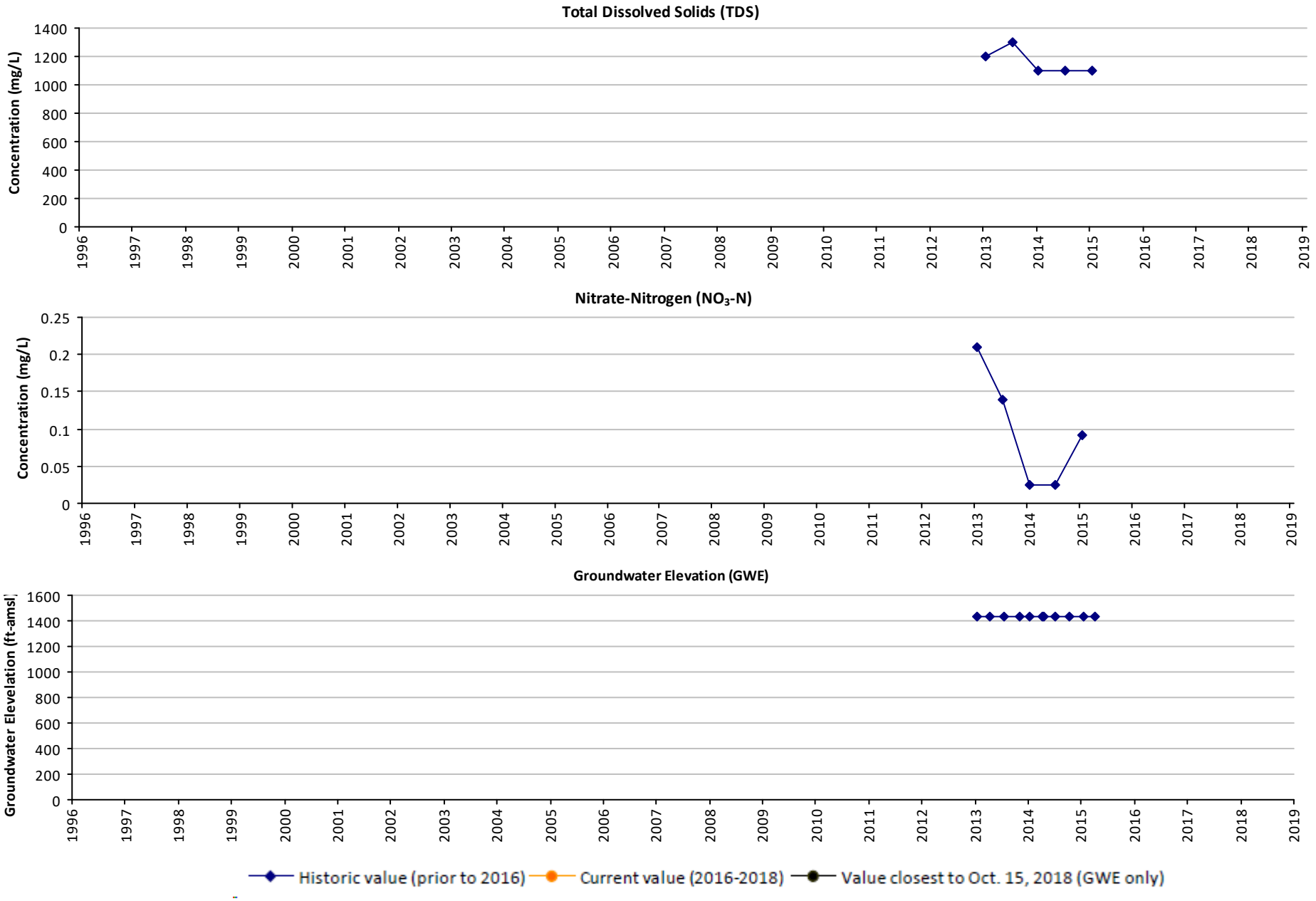
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
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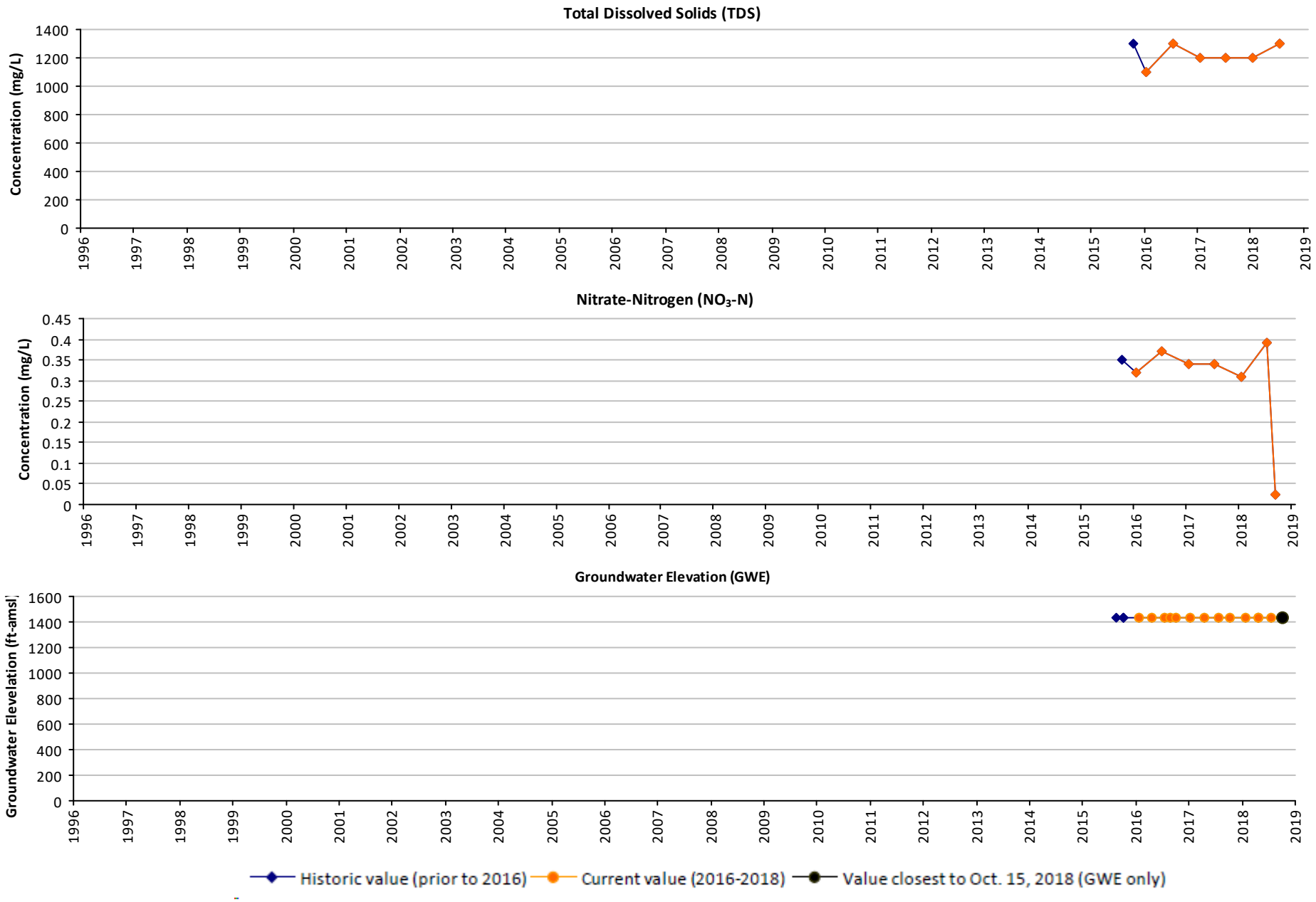
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
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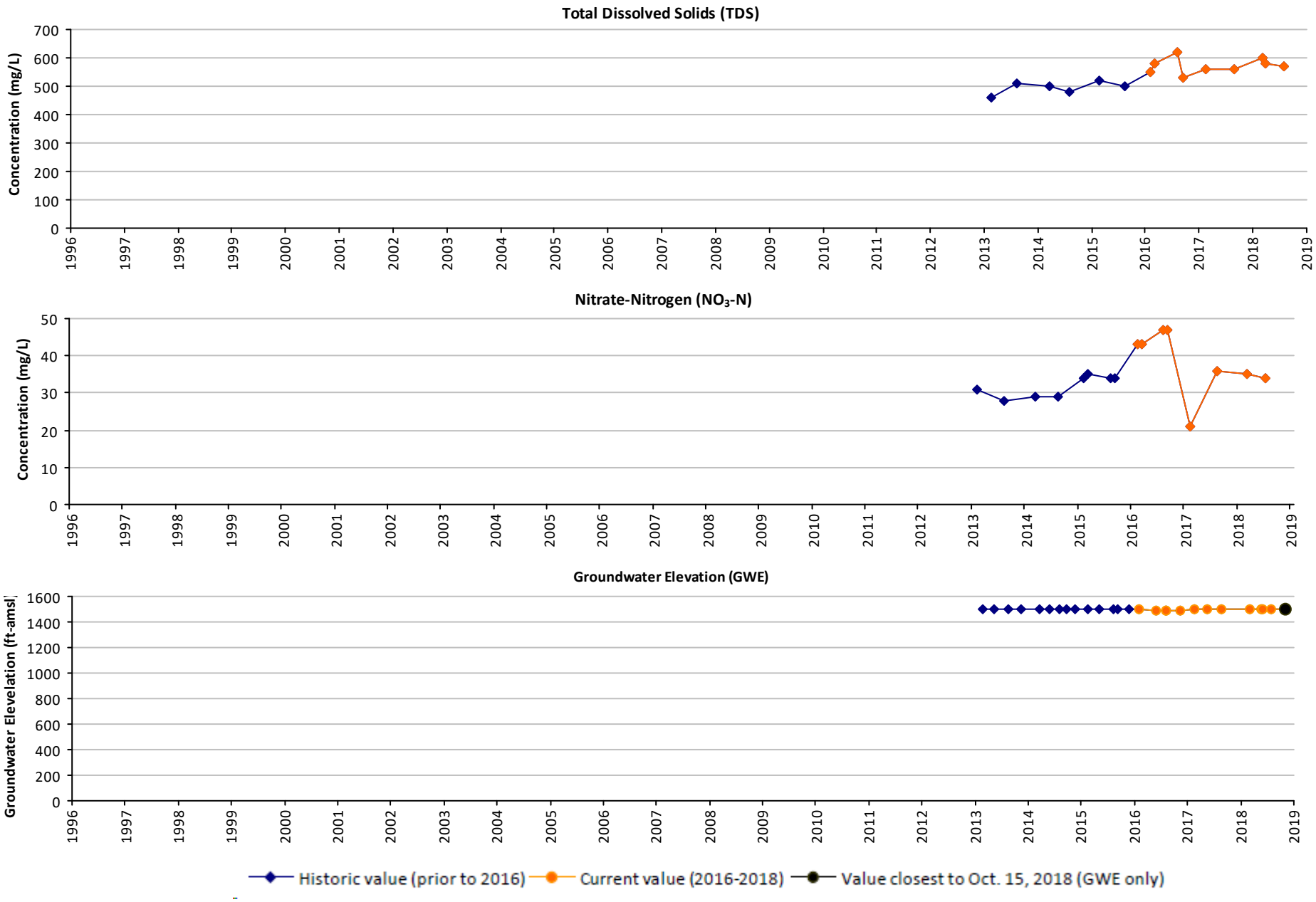
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
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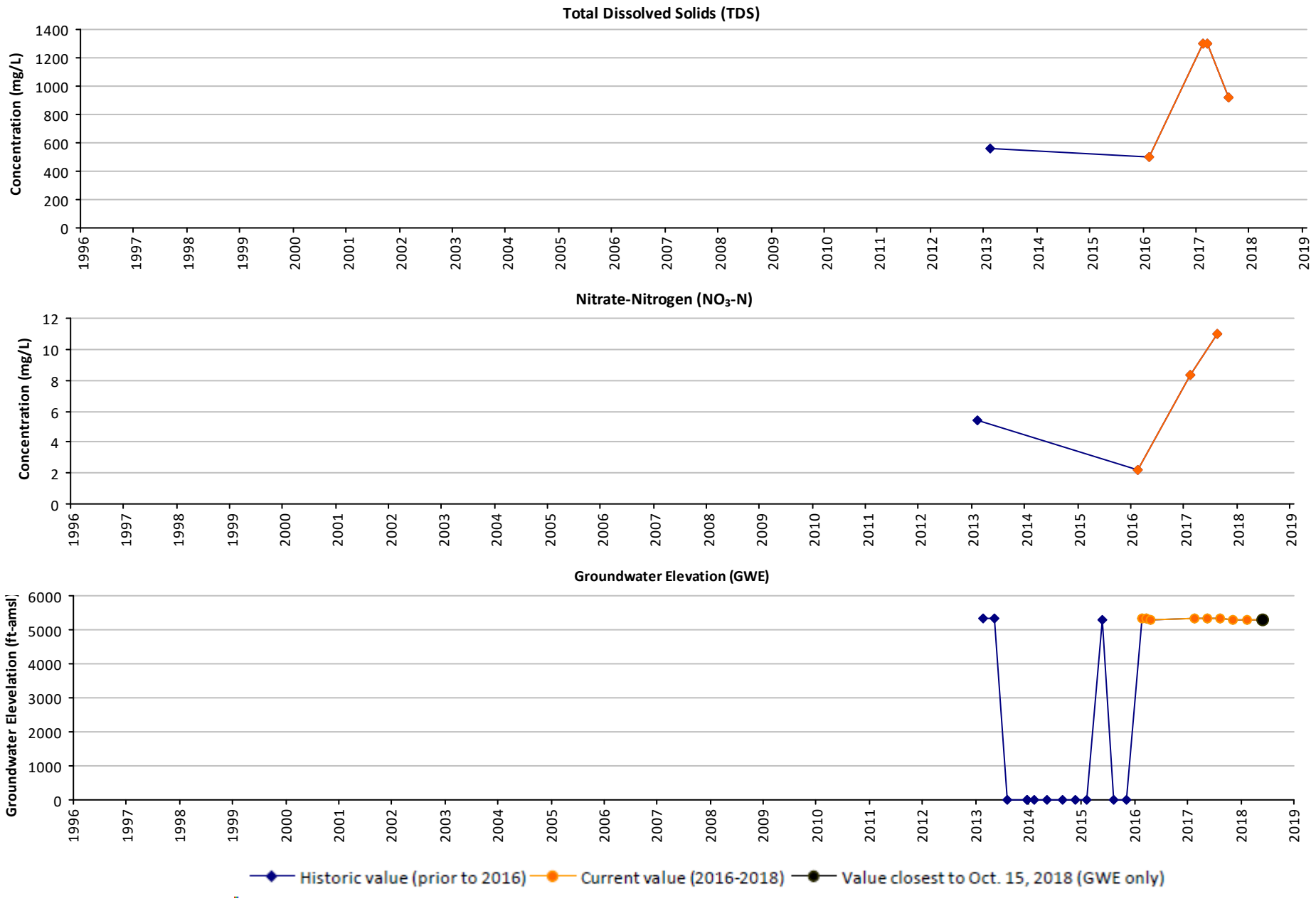
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
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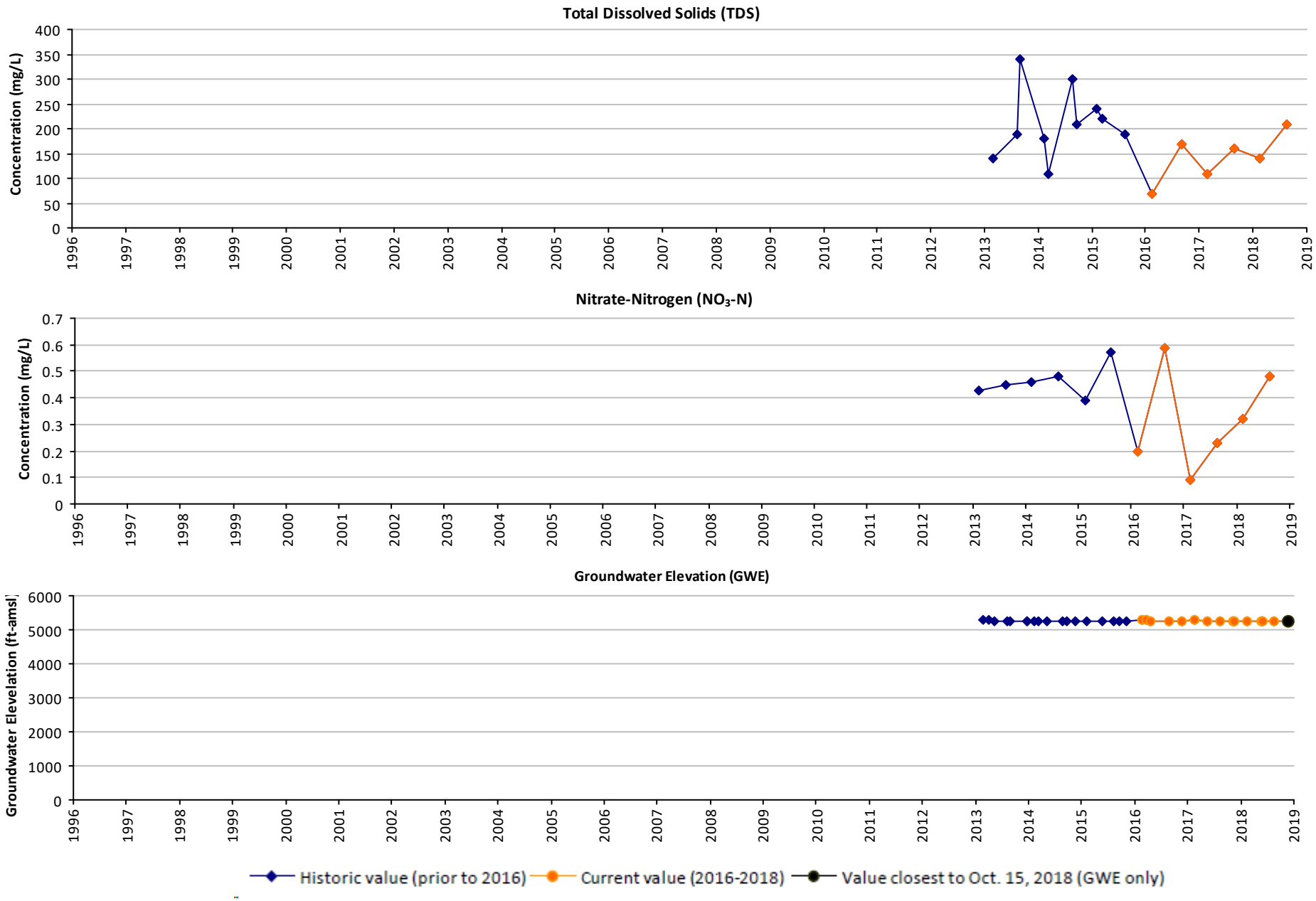
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
1000
2000
3000
4000
5000
6000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
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2001
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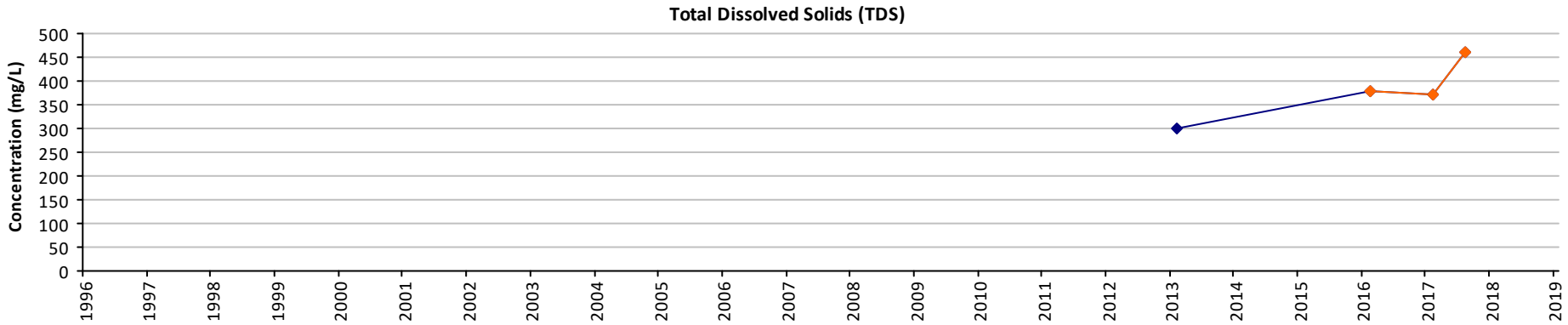
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
1000
2000
3000
4000
5000
6000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
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1998
1999
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2016
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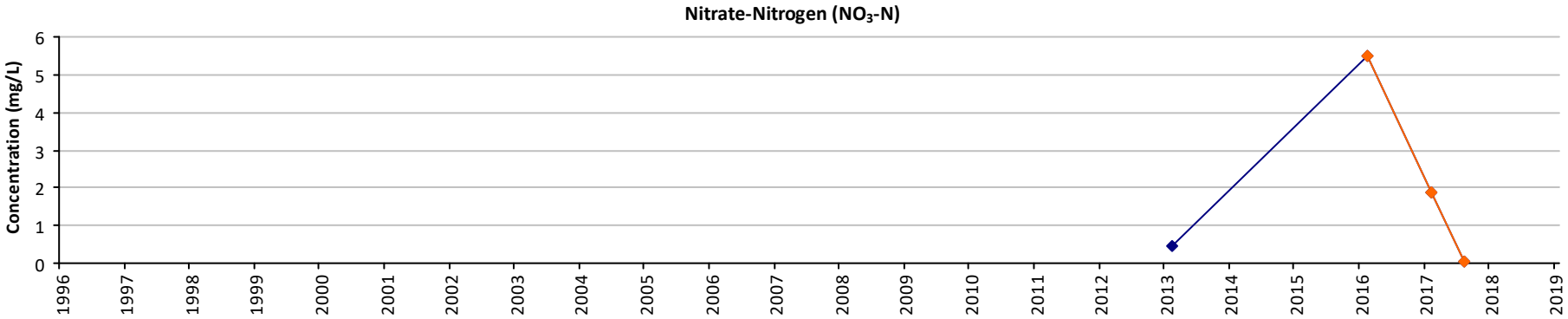
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
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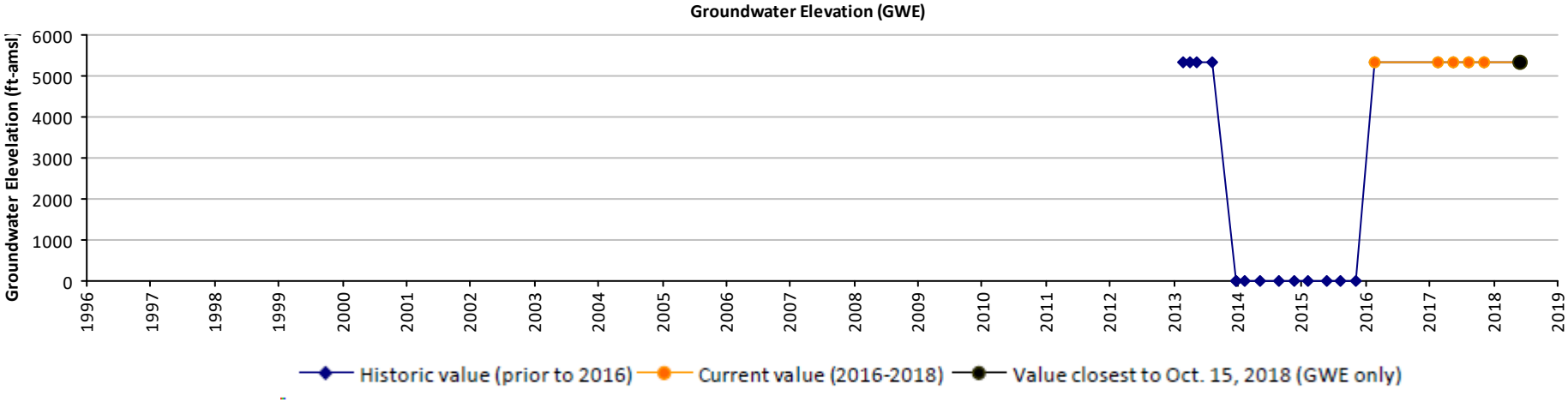
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
1000
2000
3000
4000
5000
6000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
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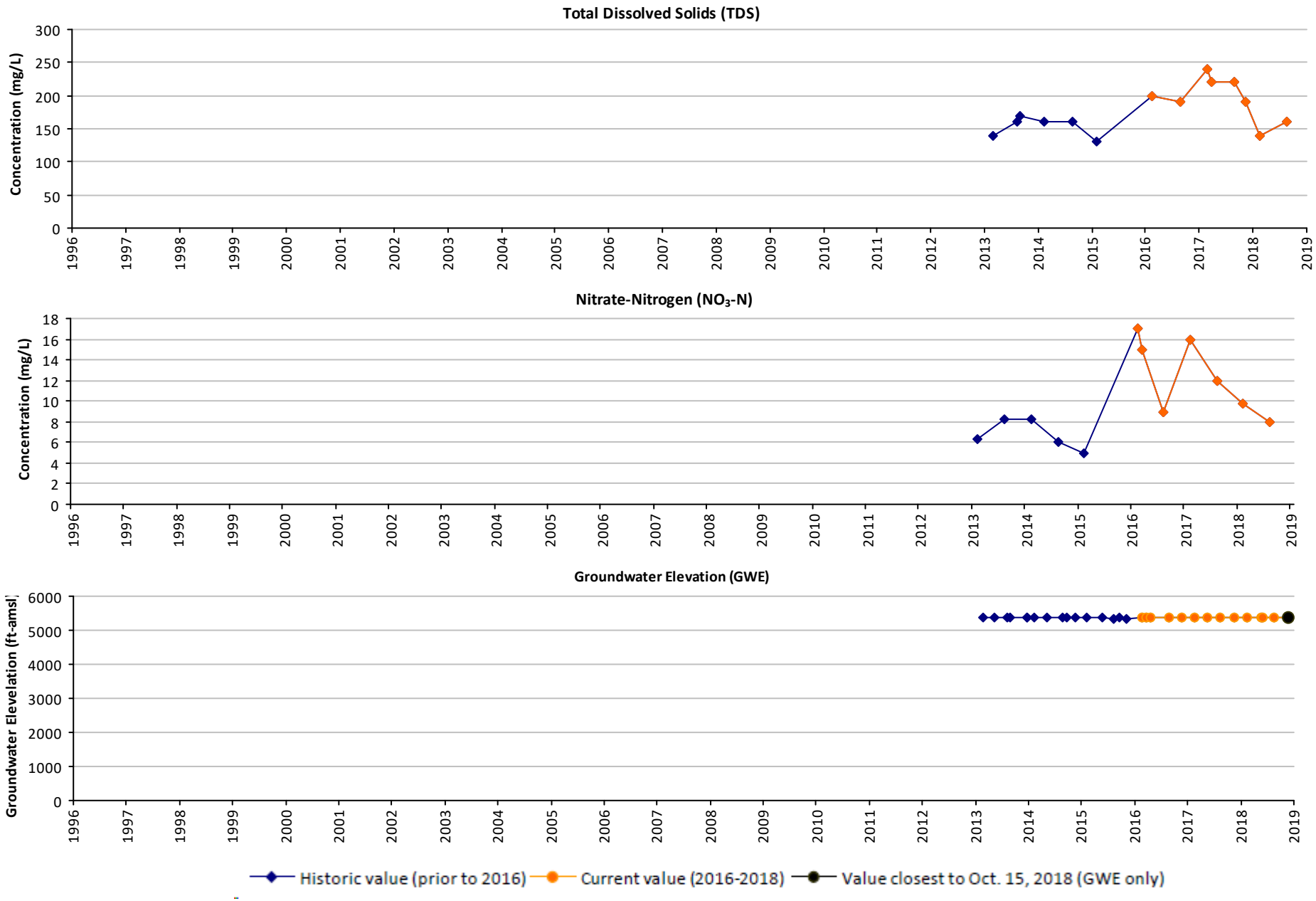
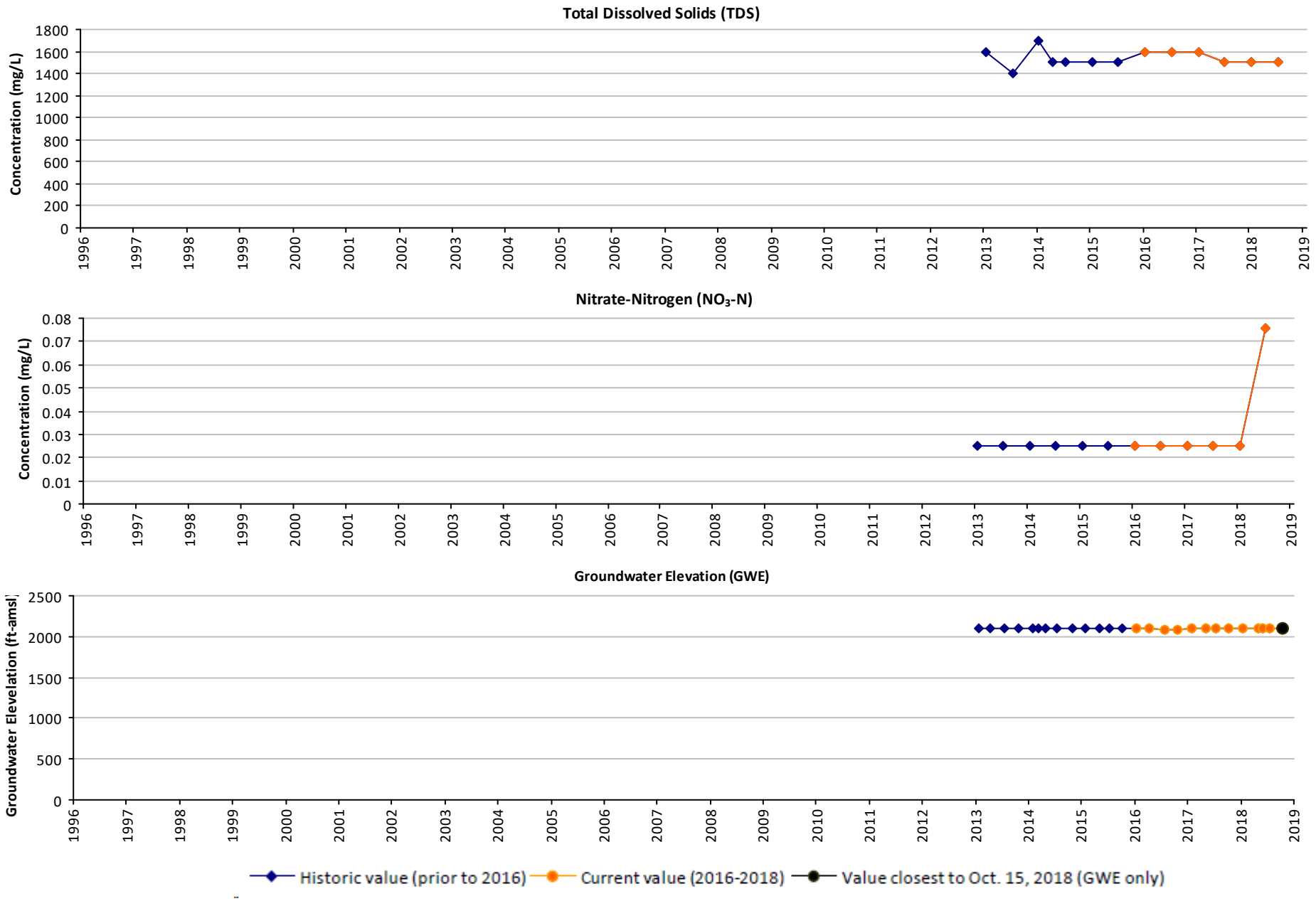
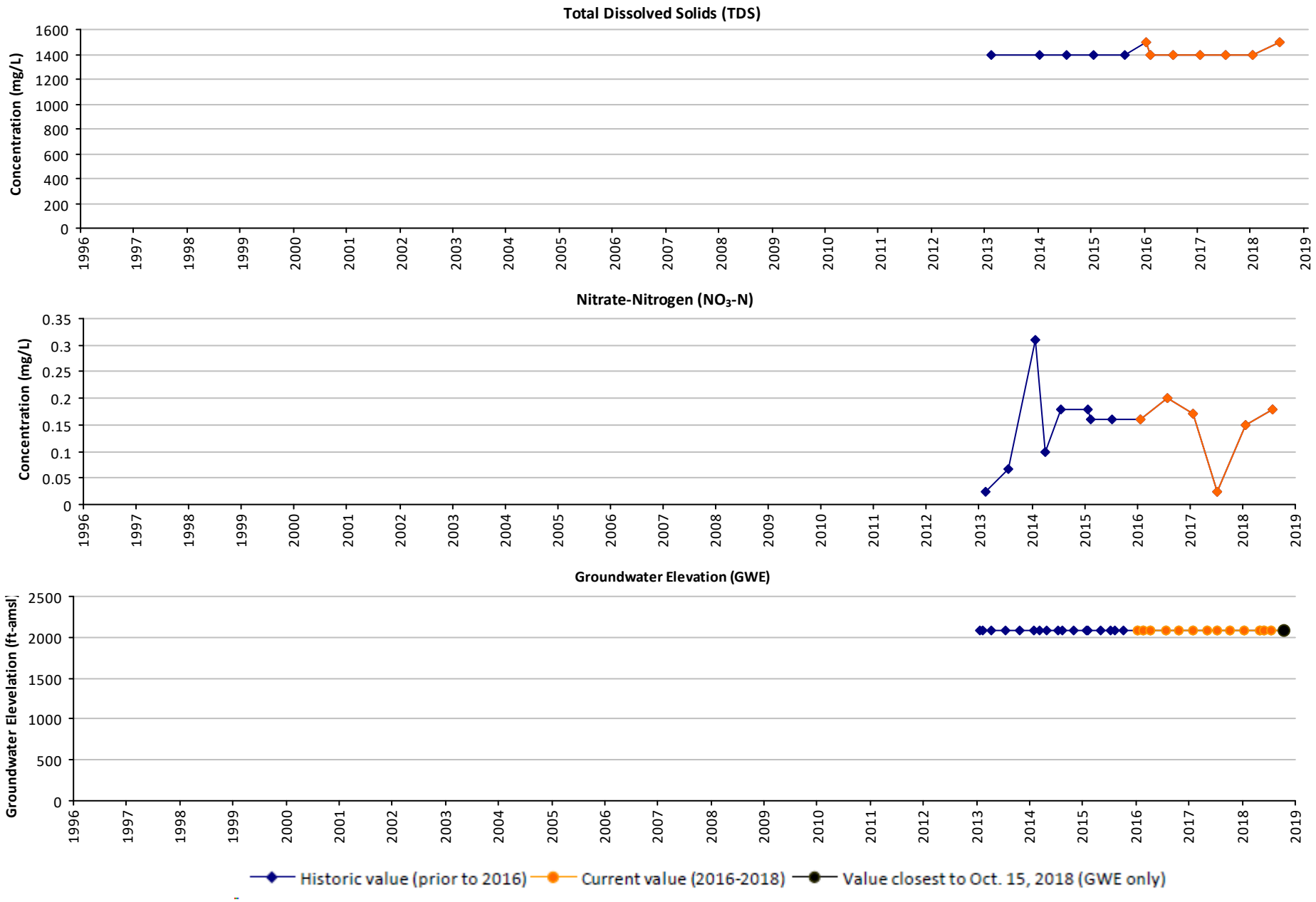
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
1000
2000
3000
4000
5000
6000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
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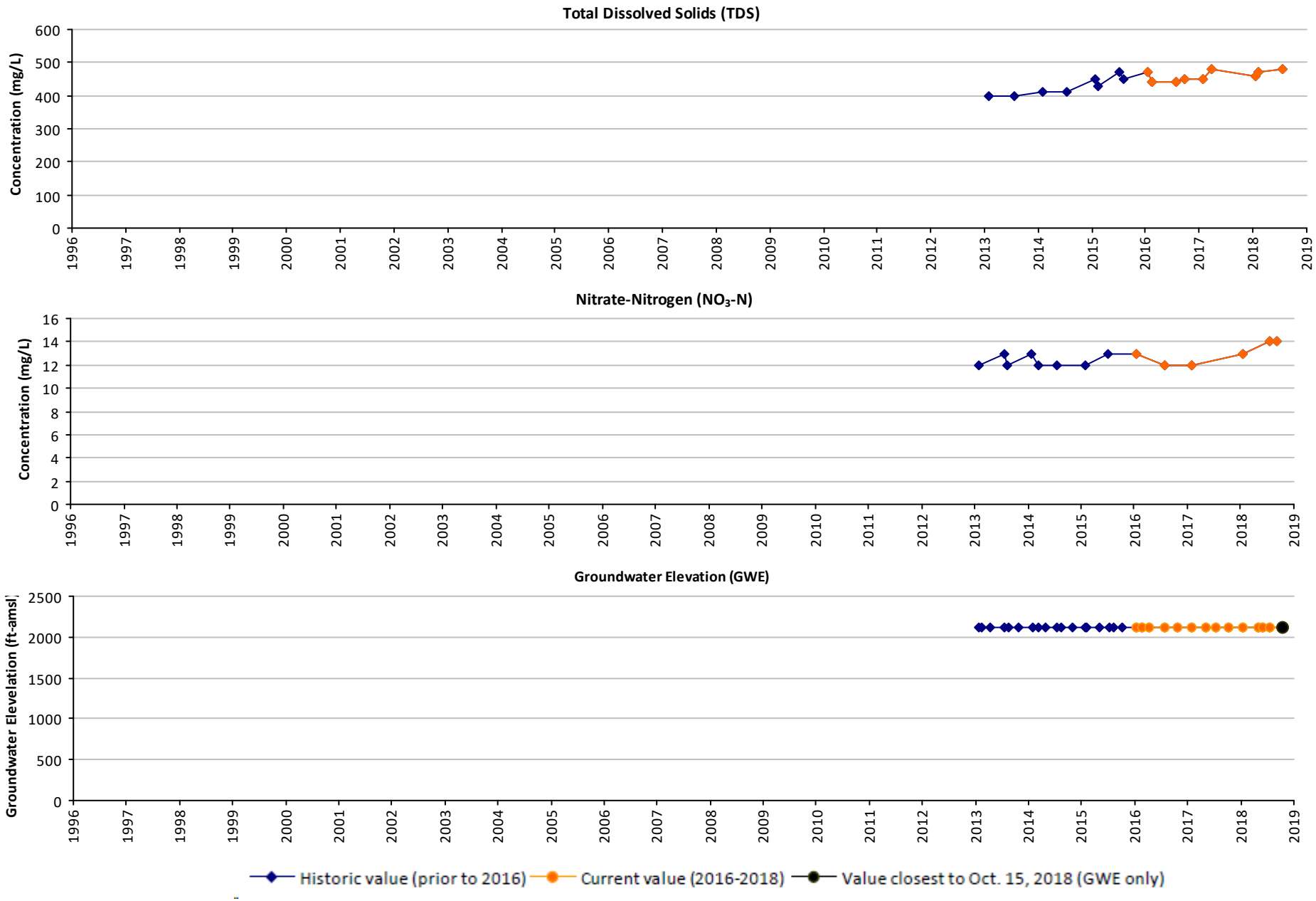
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
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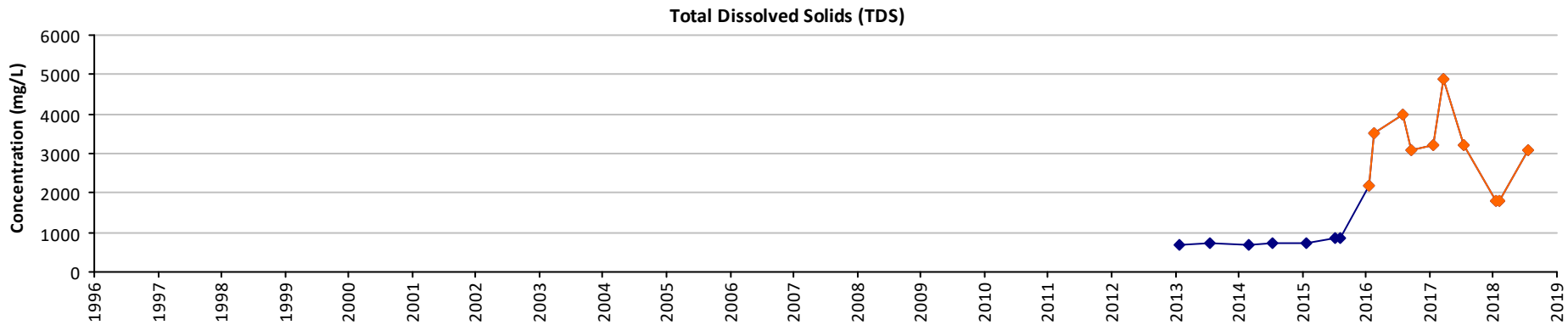
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
500
1000
1500
2000
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
1000
2000
3000
4000
5000
6000
1996
1997
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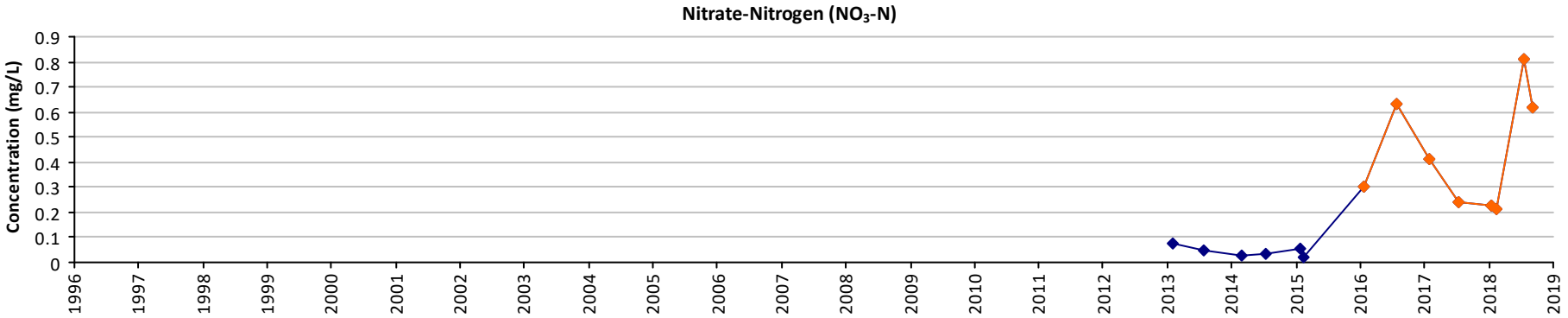
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1996
1997
1998
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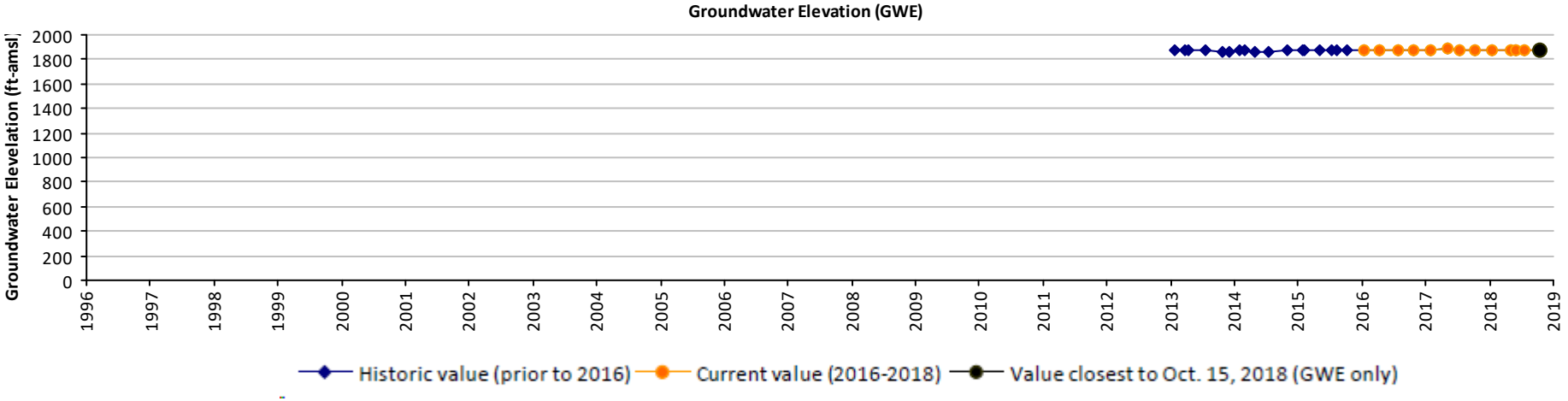
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
1996
1997
1998
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2000
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2002
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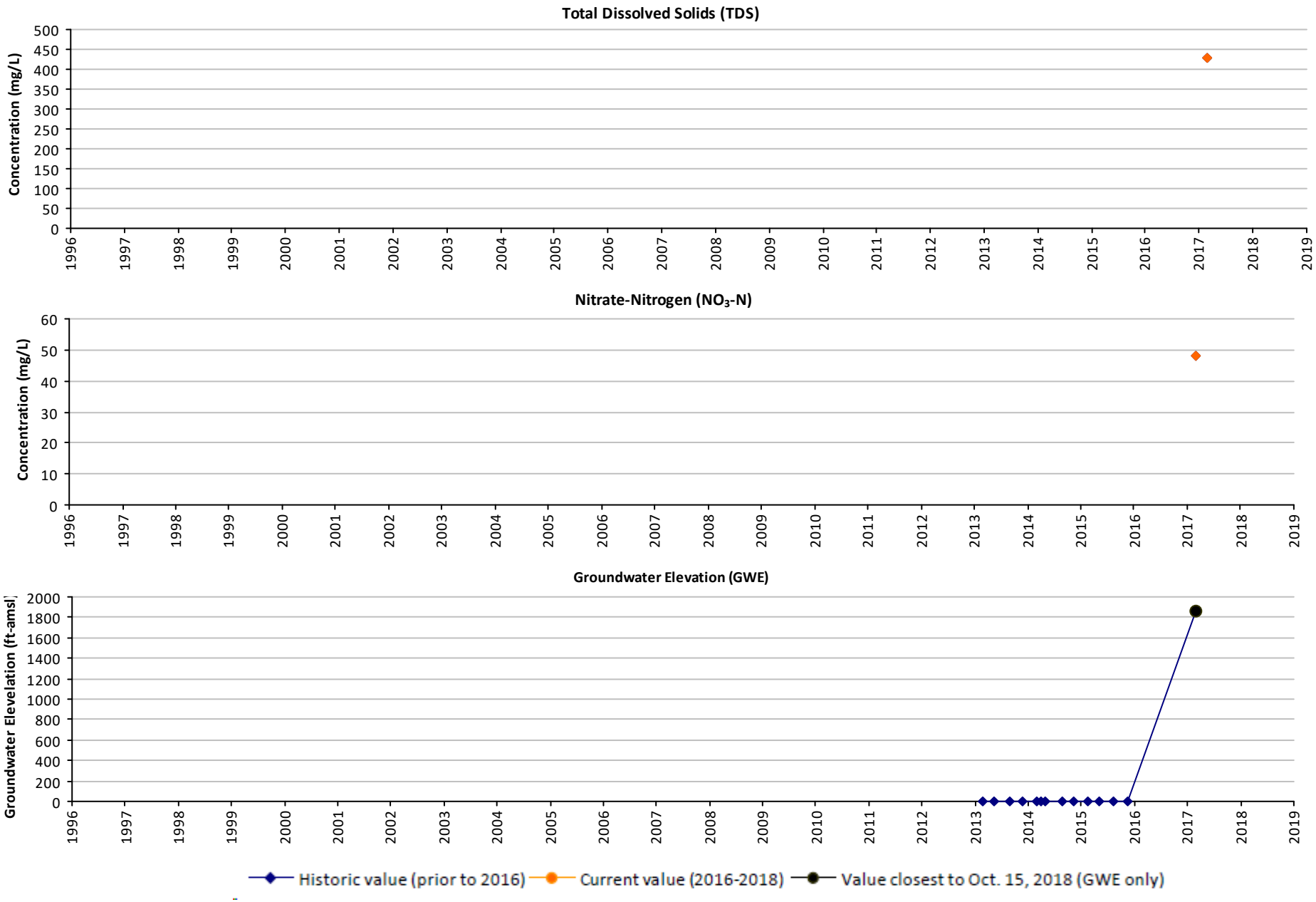
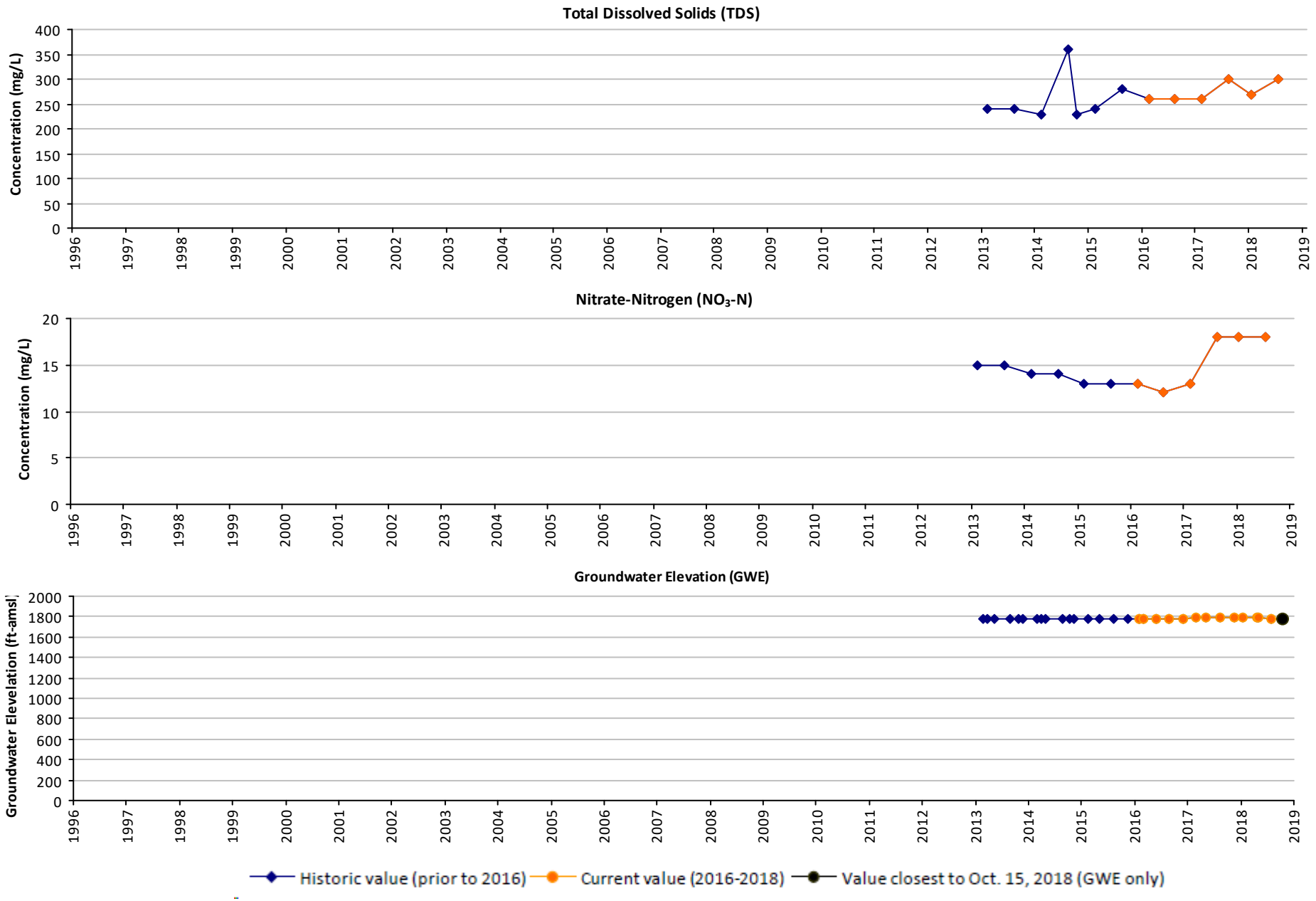
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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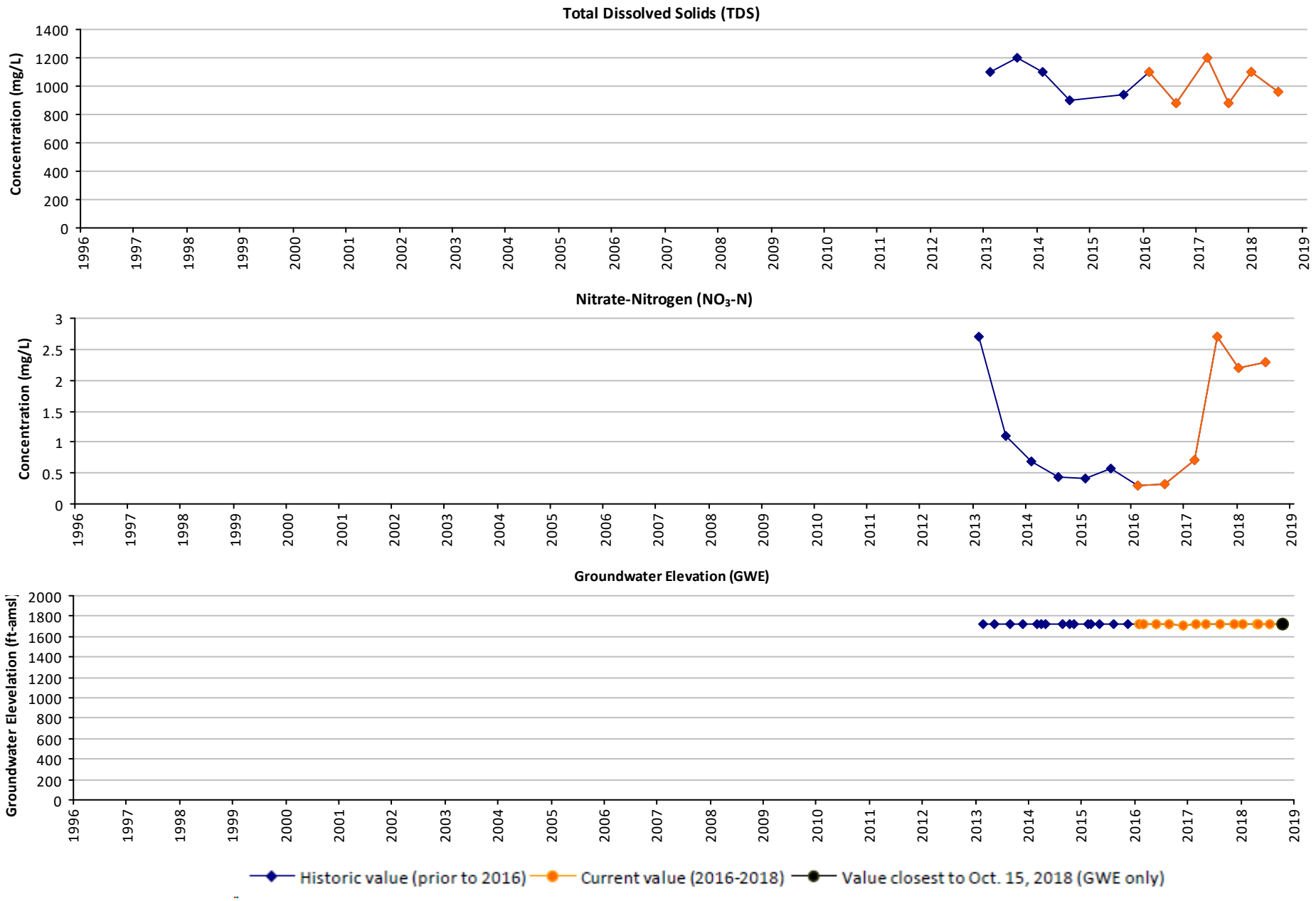
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
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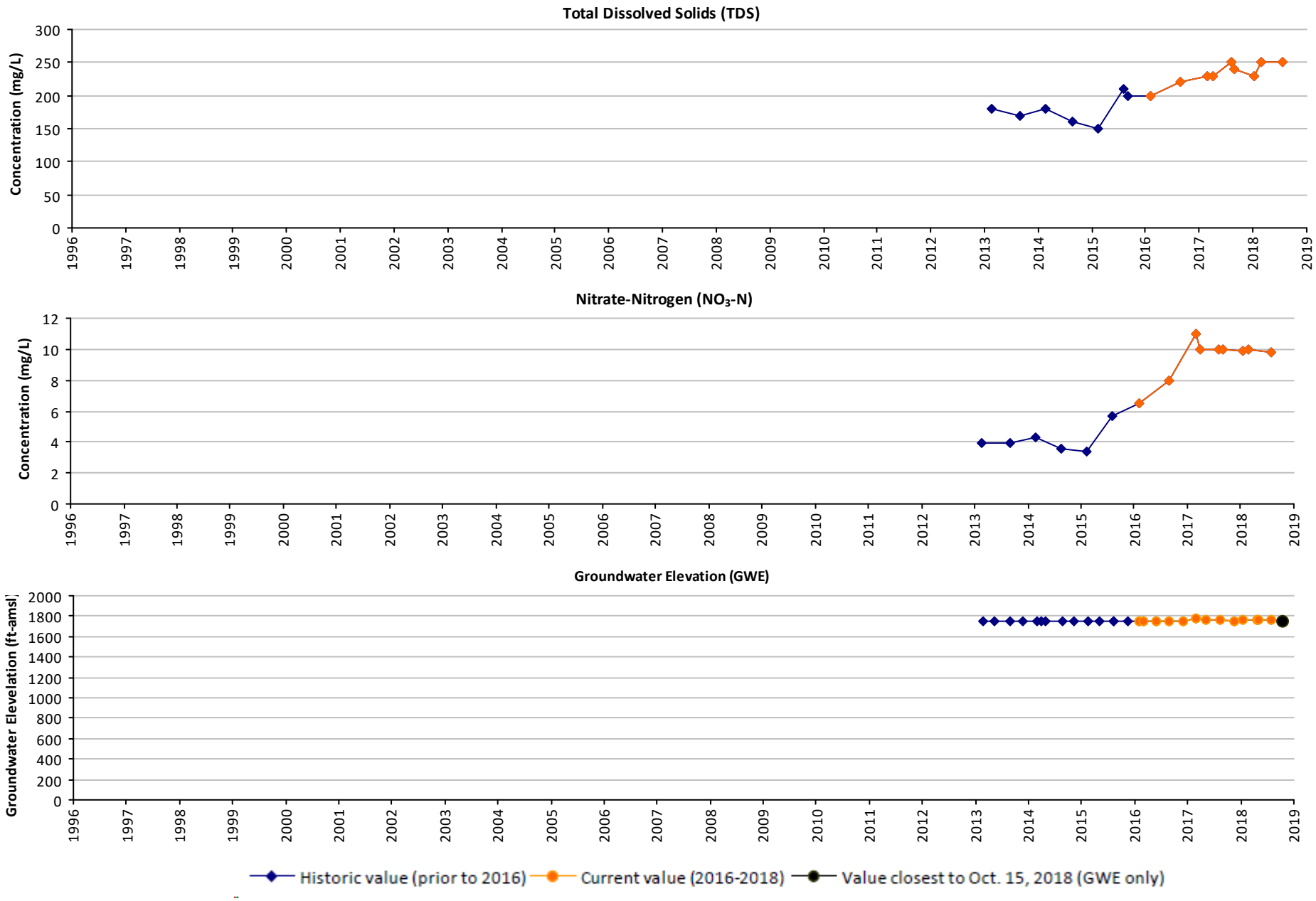
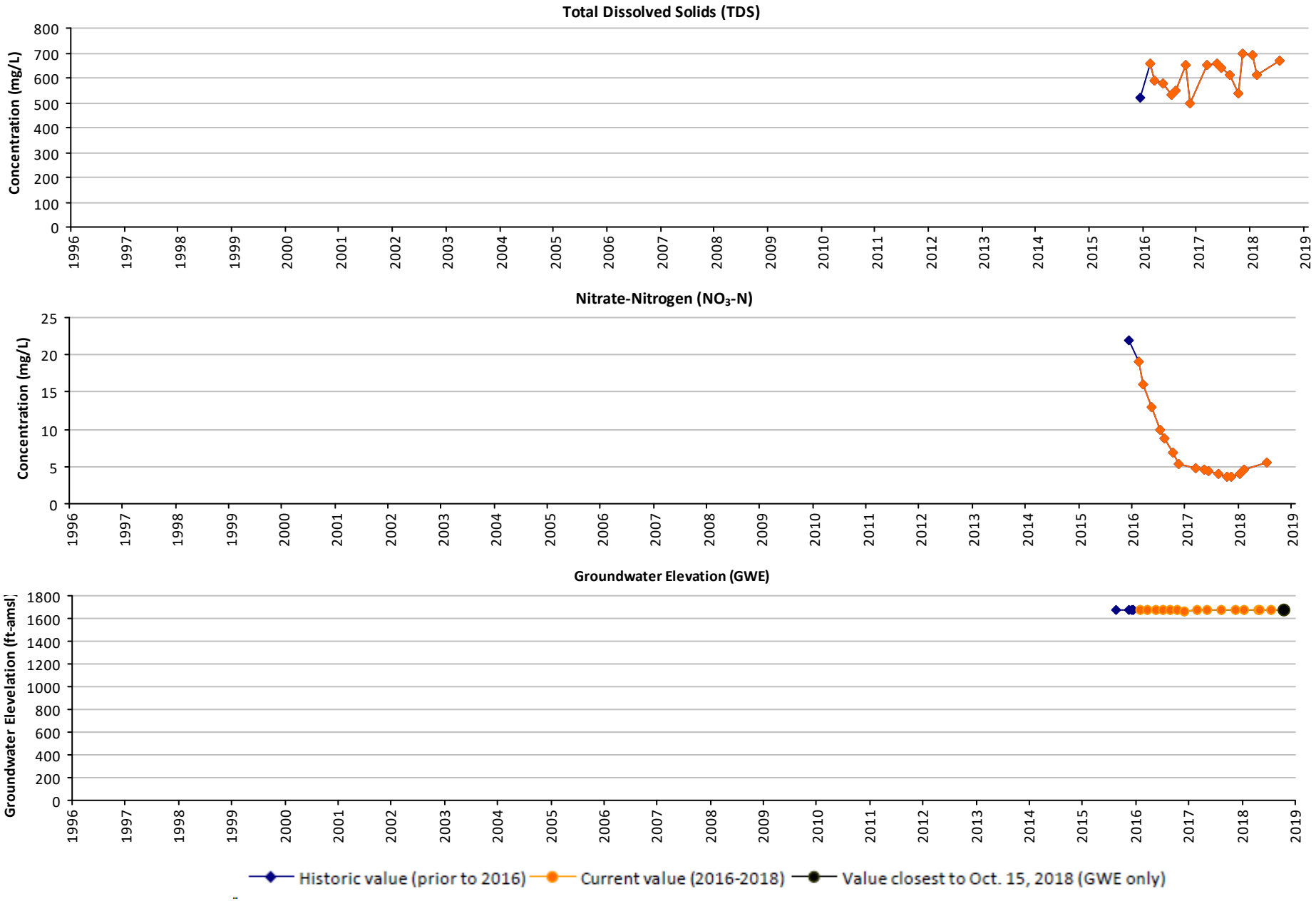
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
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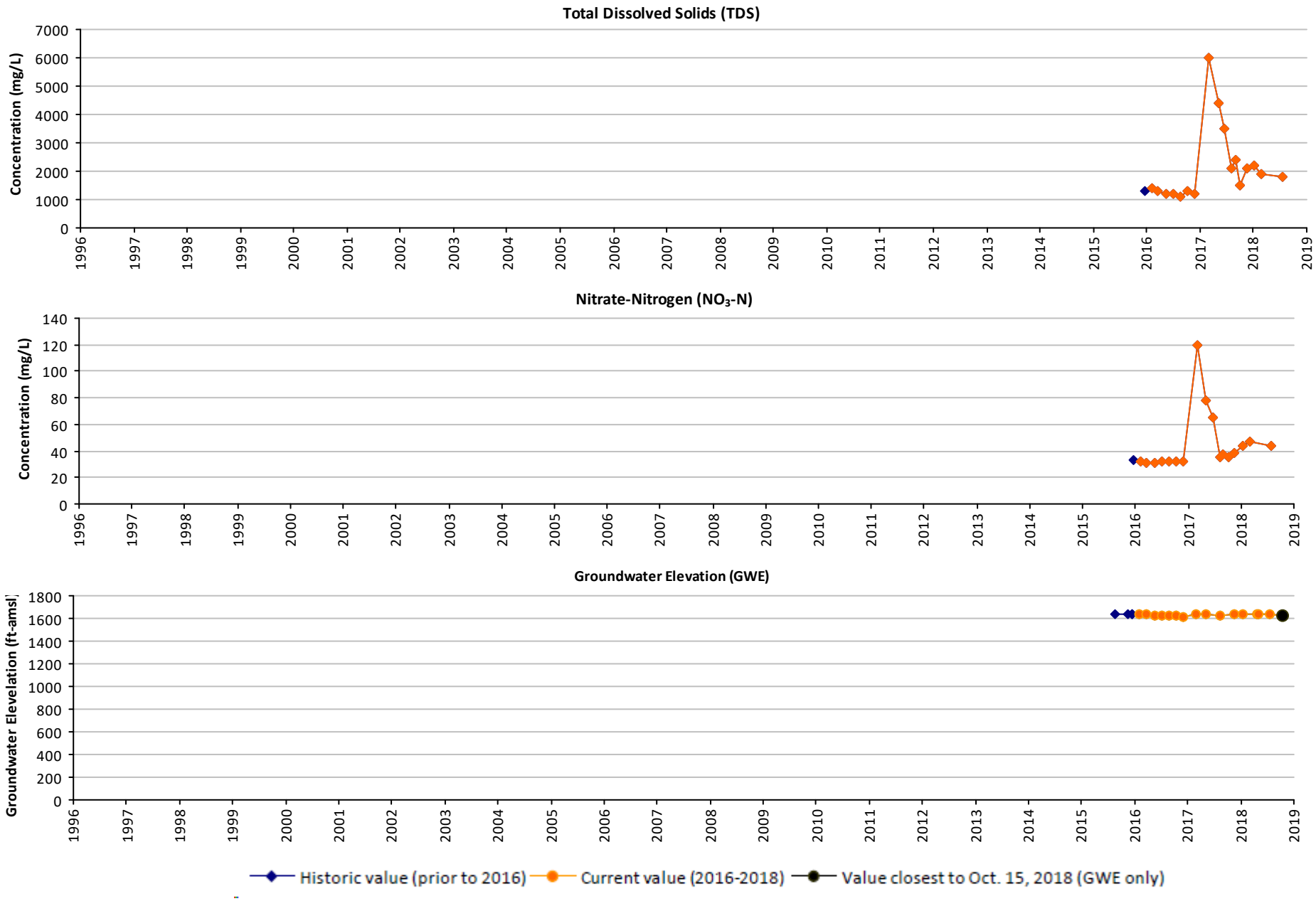
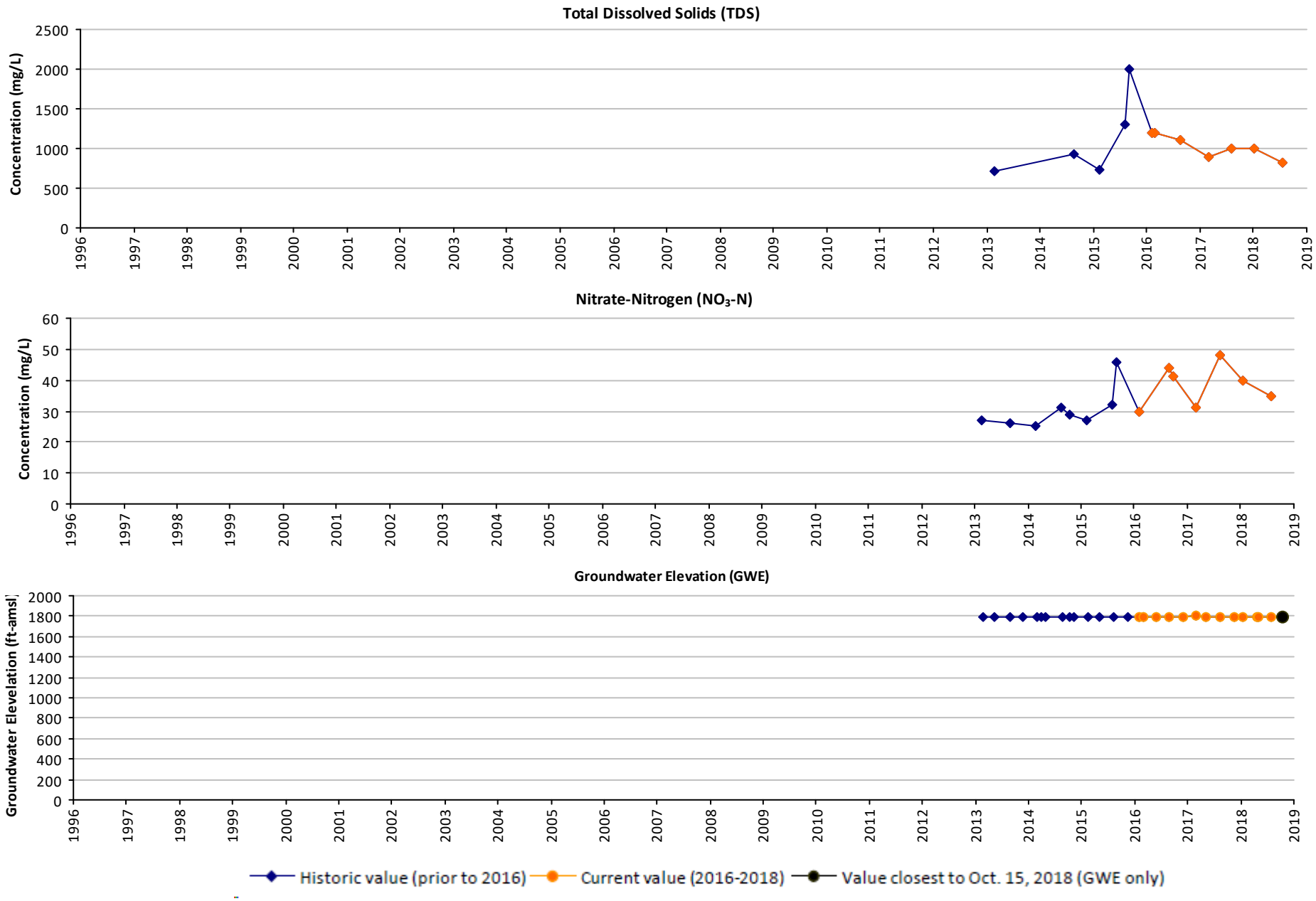
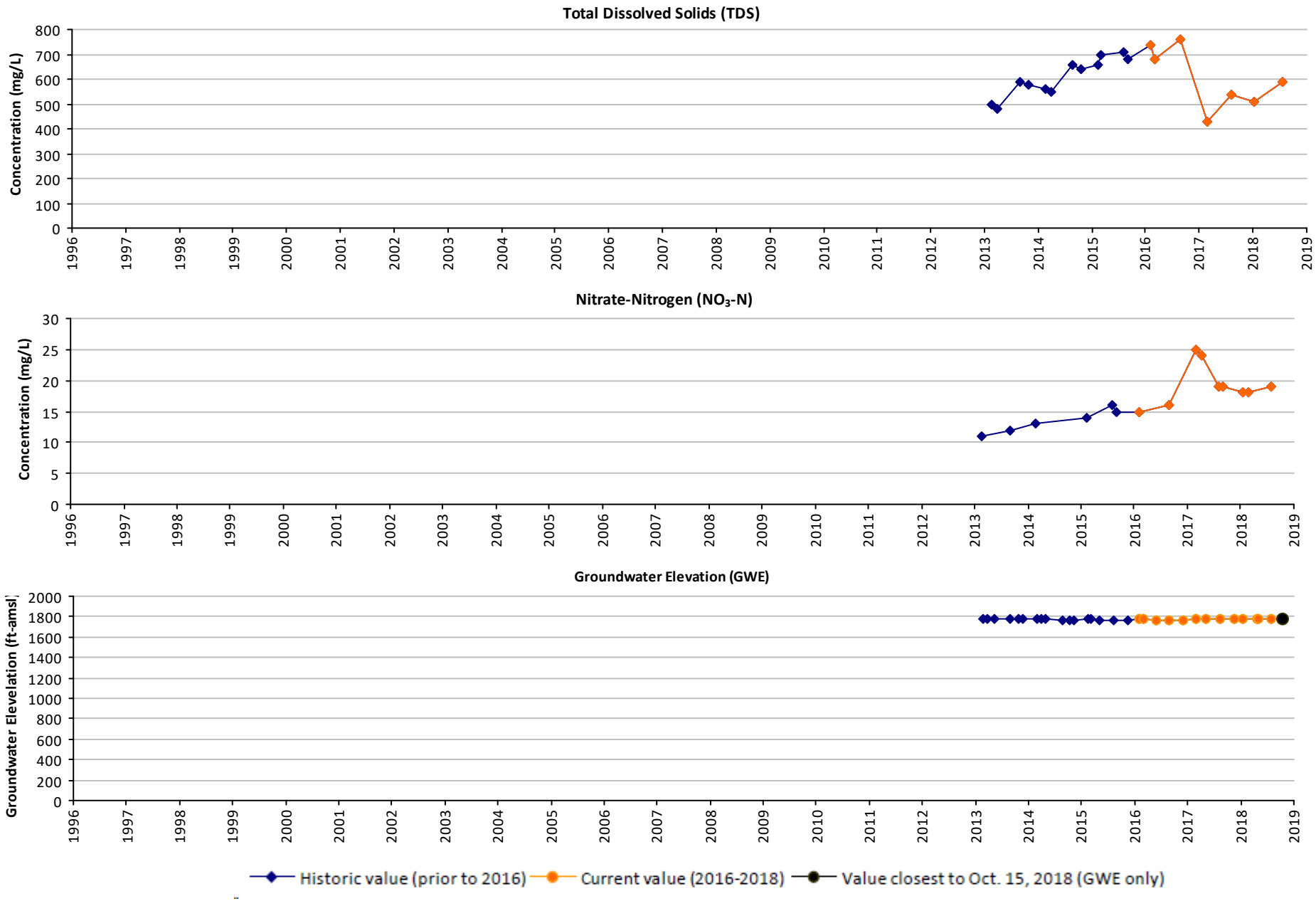
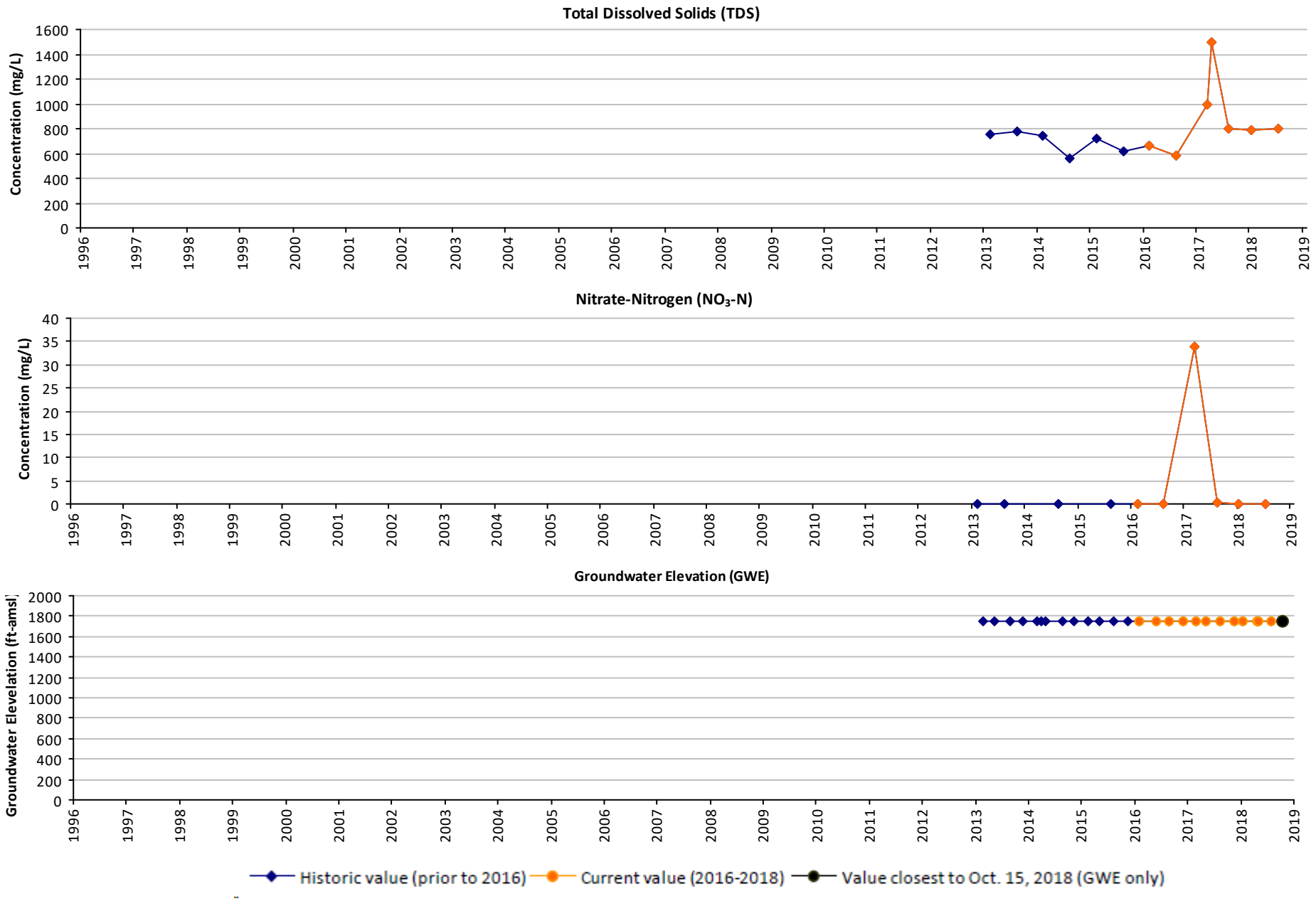
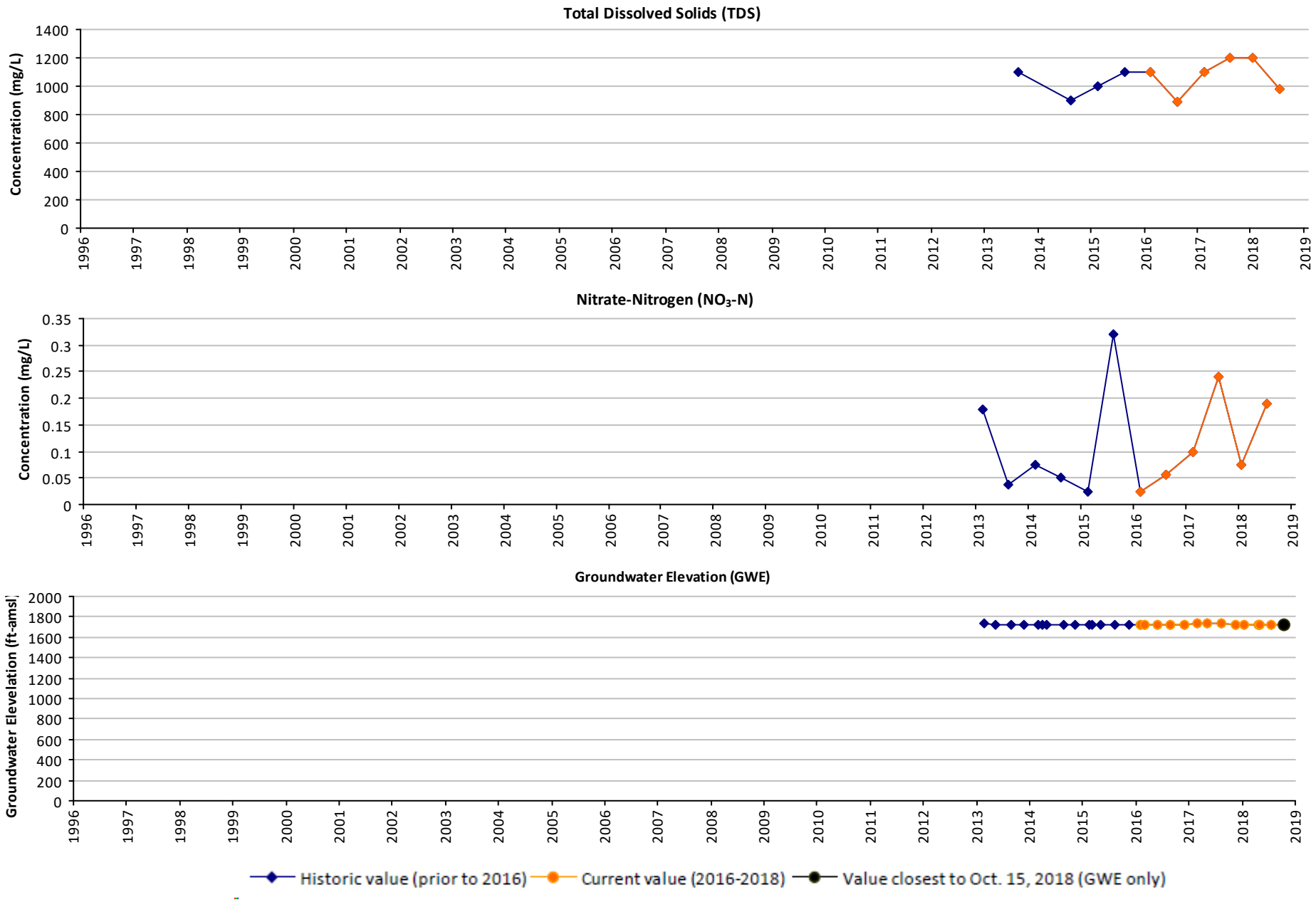
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

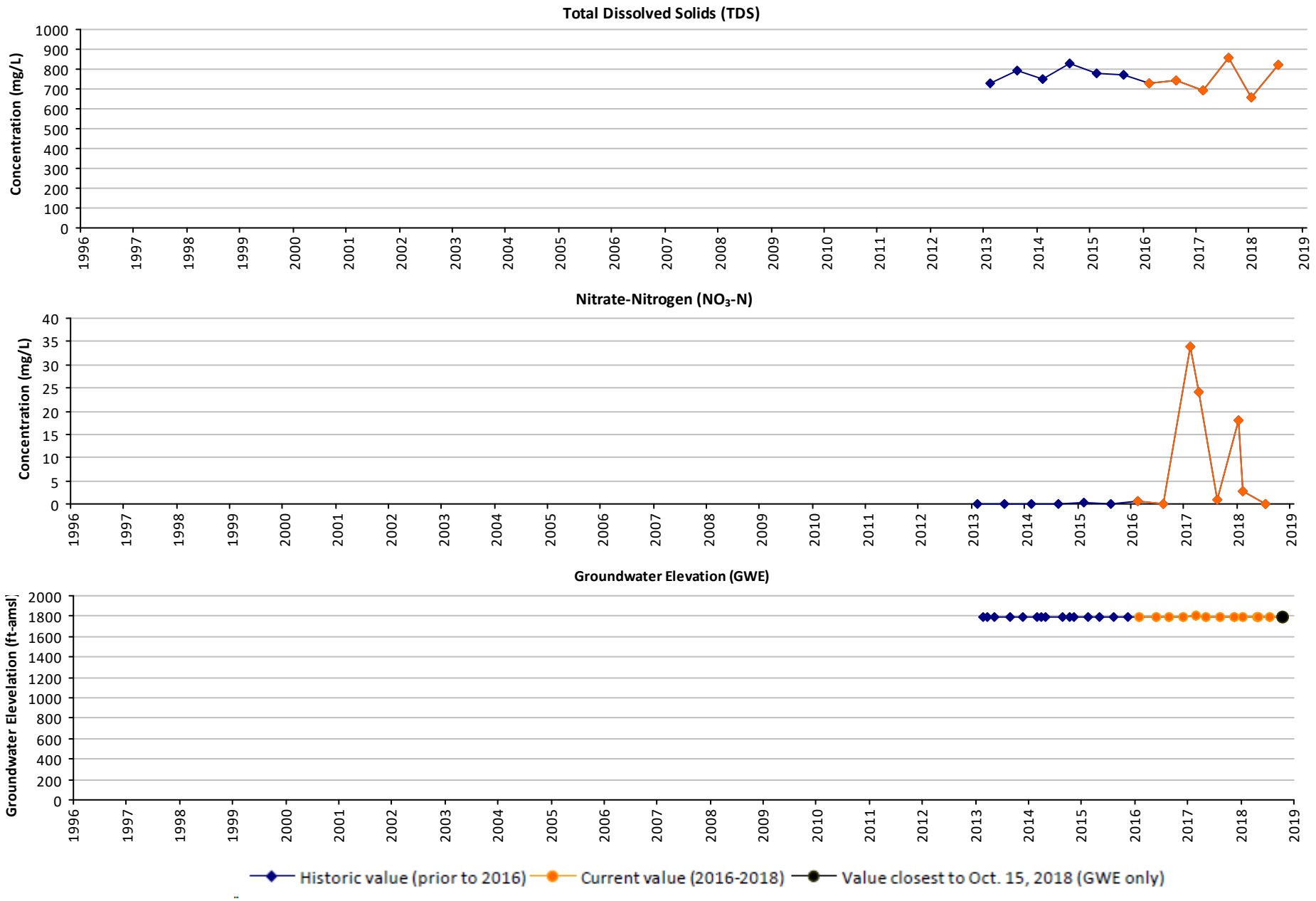

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

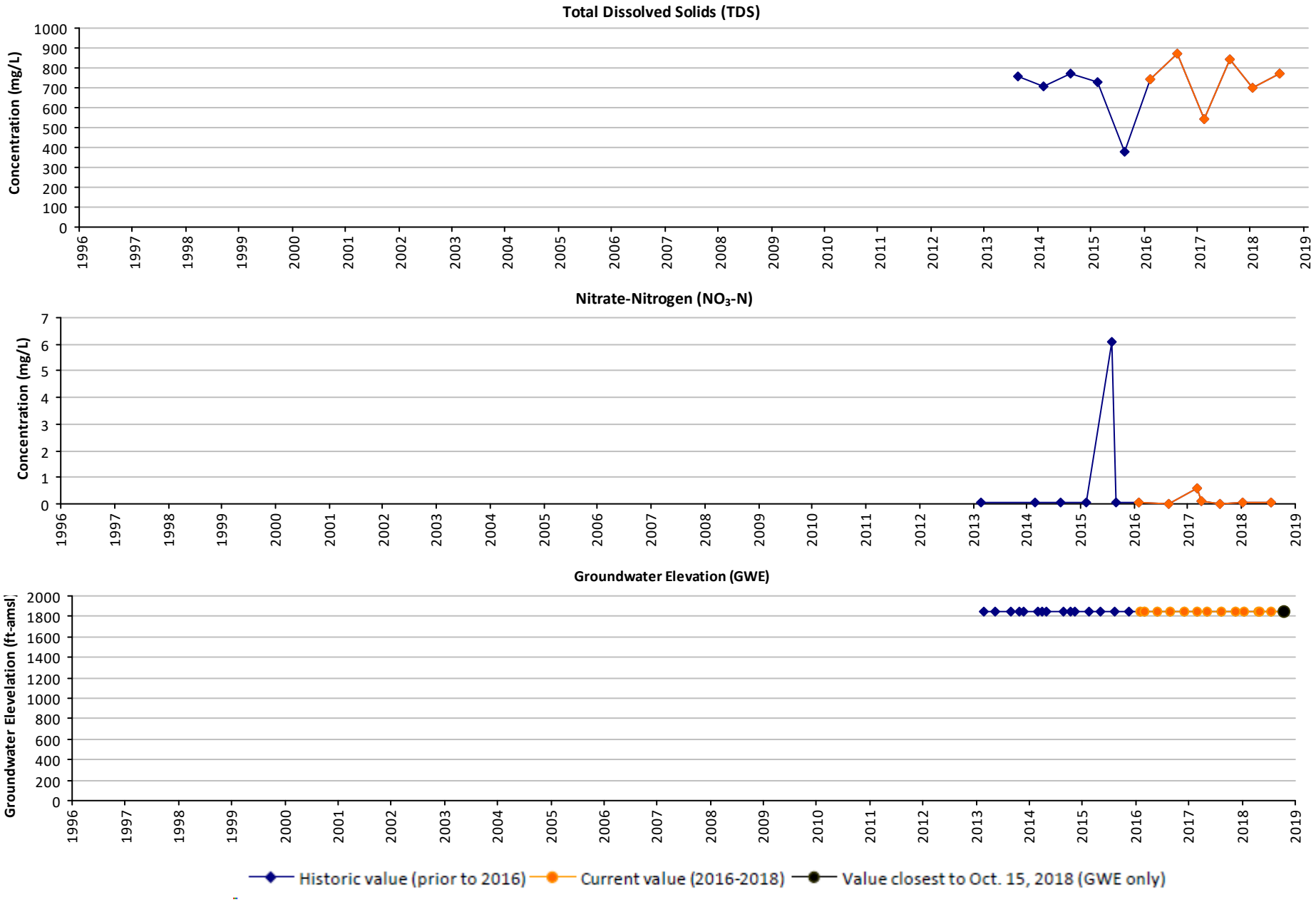

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

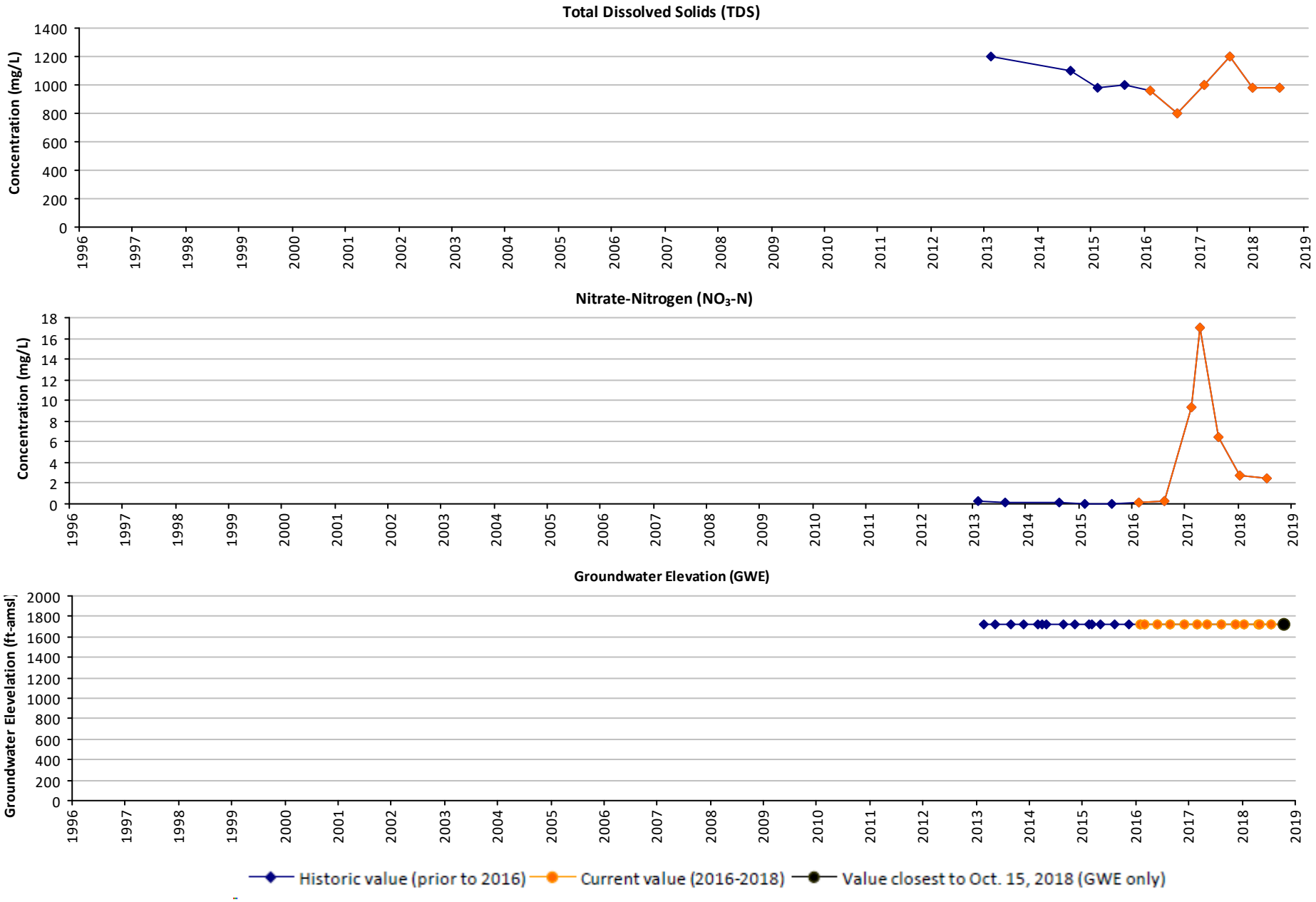

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

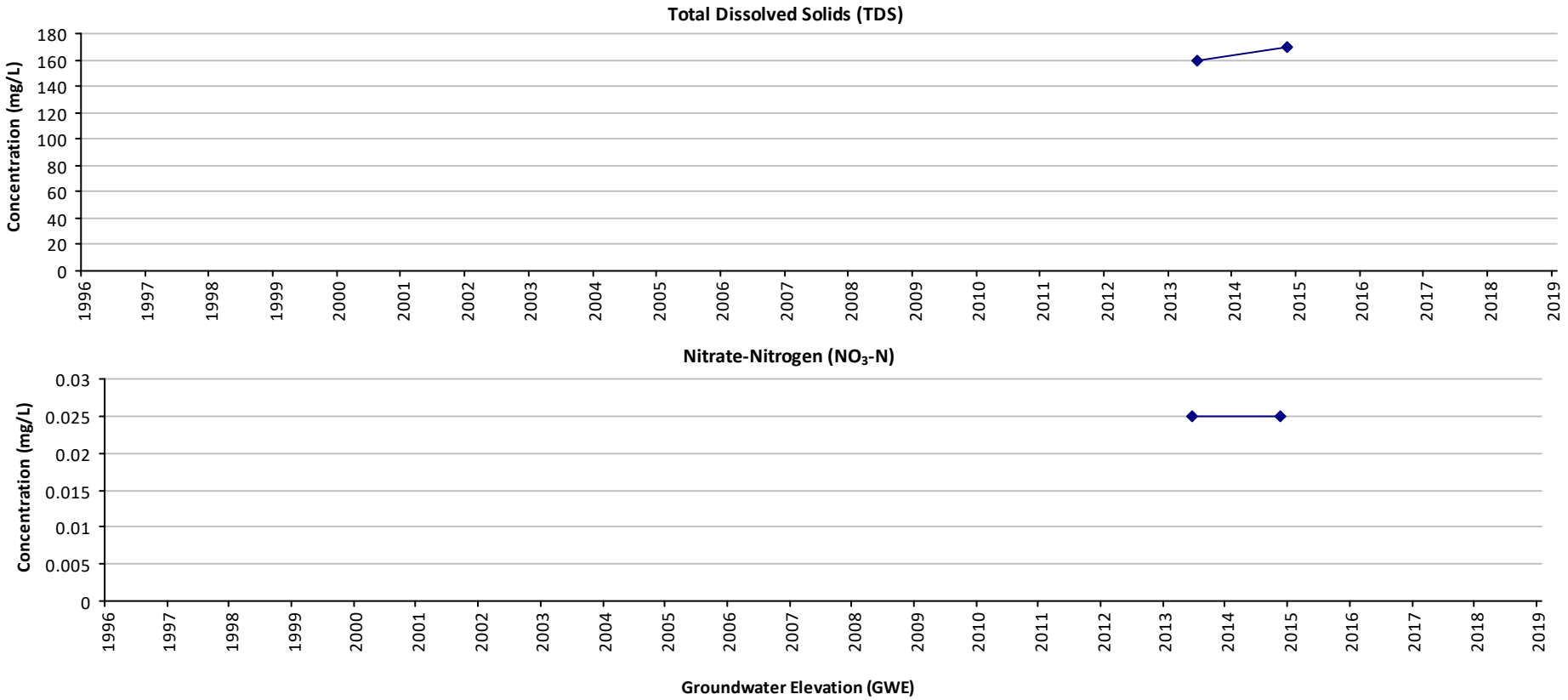

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

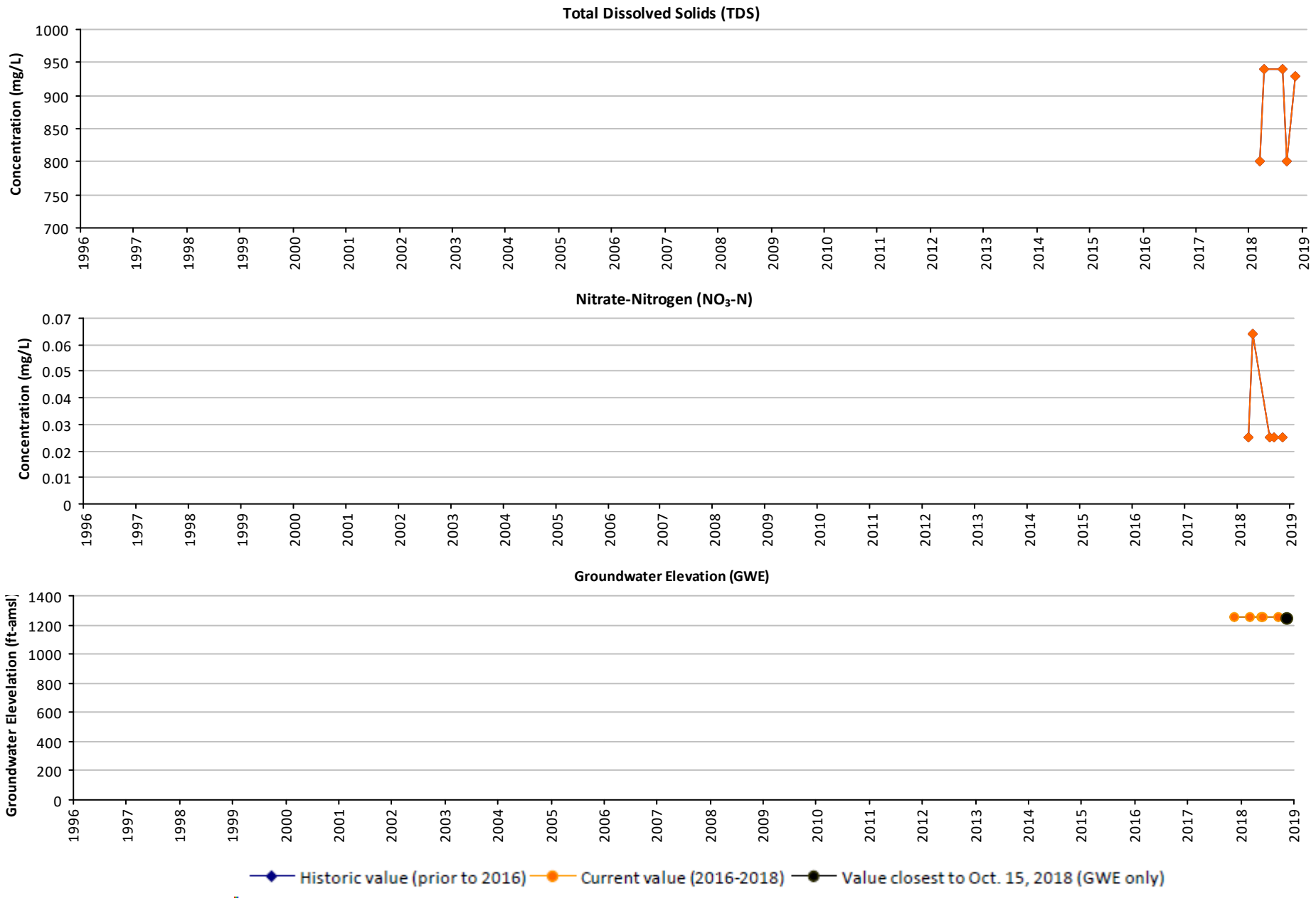

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

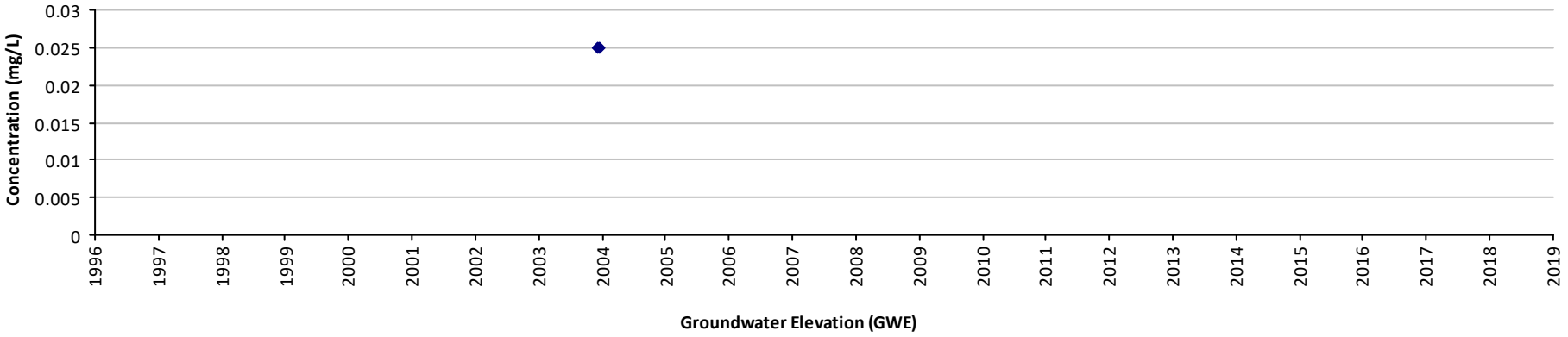

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

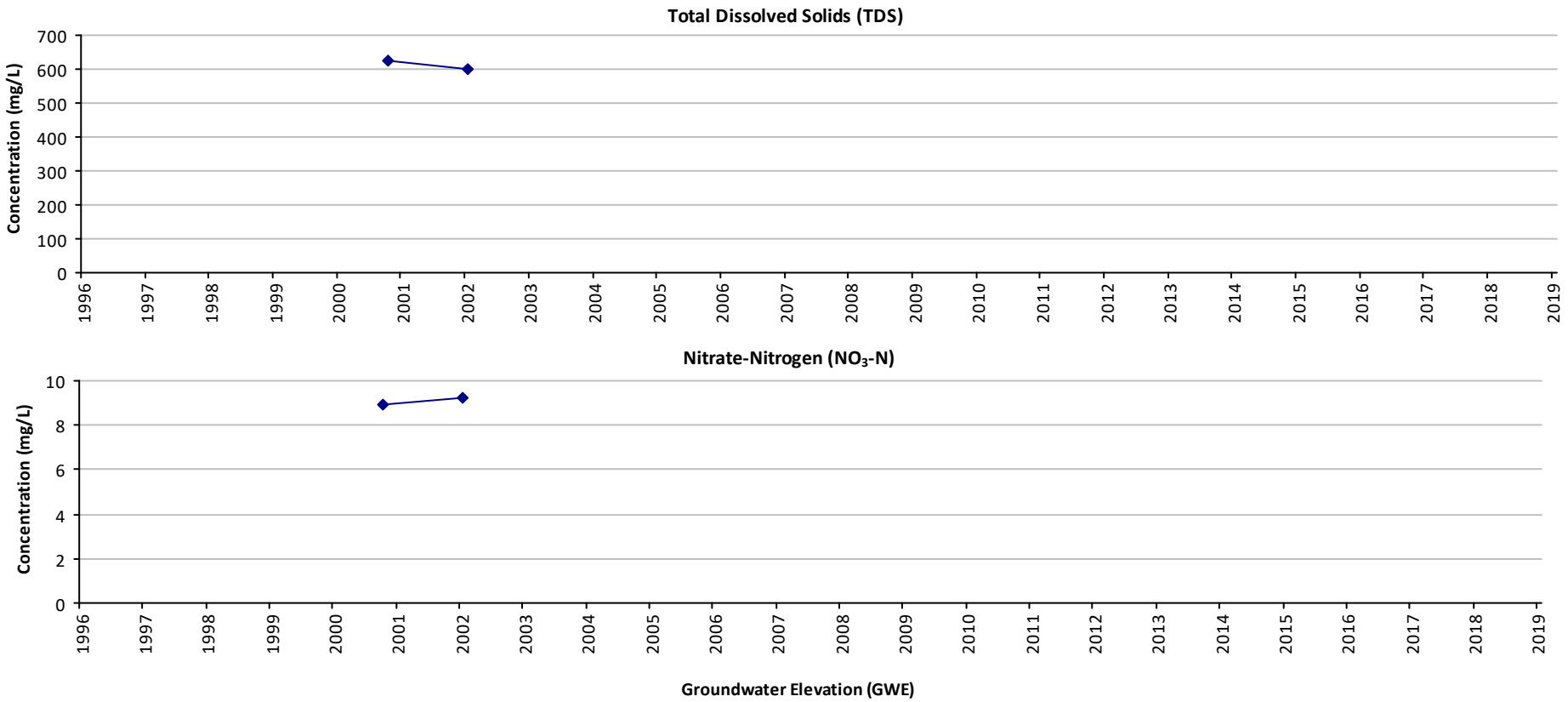

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
950
900
850
800
750
700
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

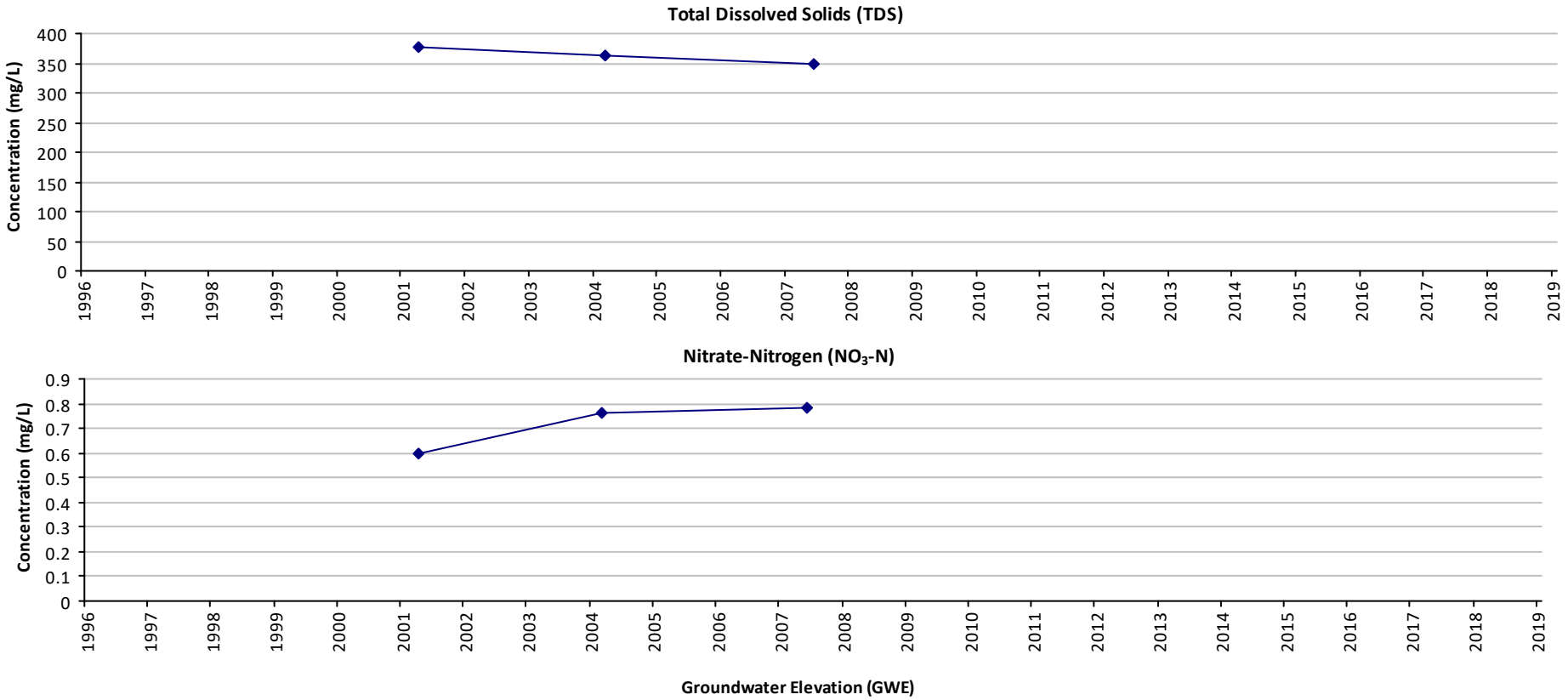
Total Dissolved Solids (TDS)

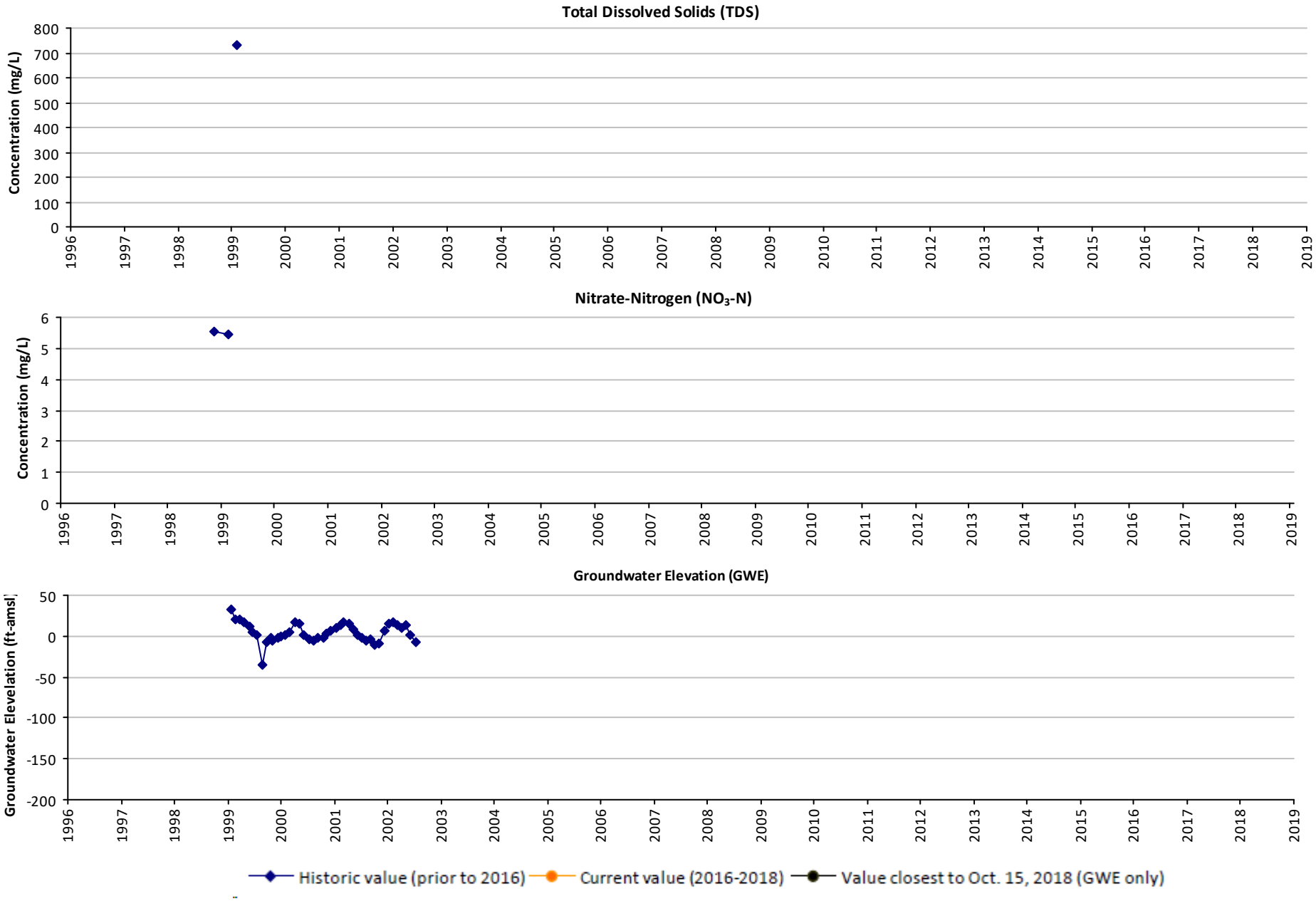
Nitrate-Nitrogen (NO_3-N)

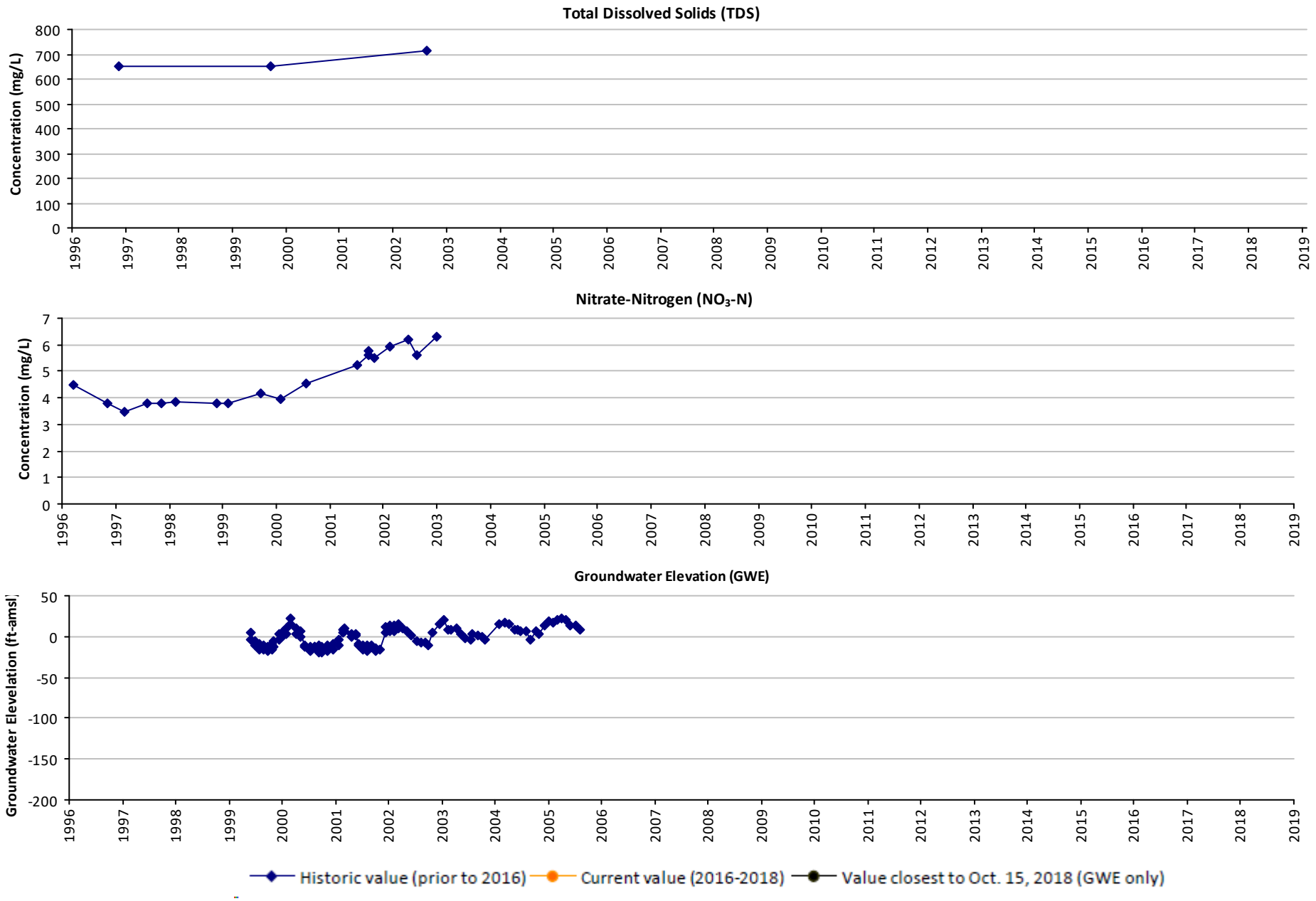


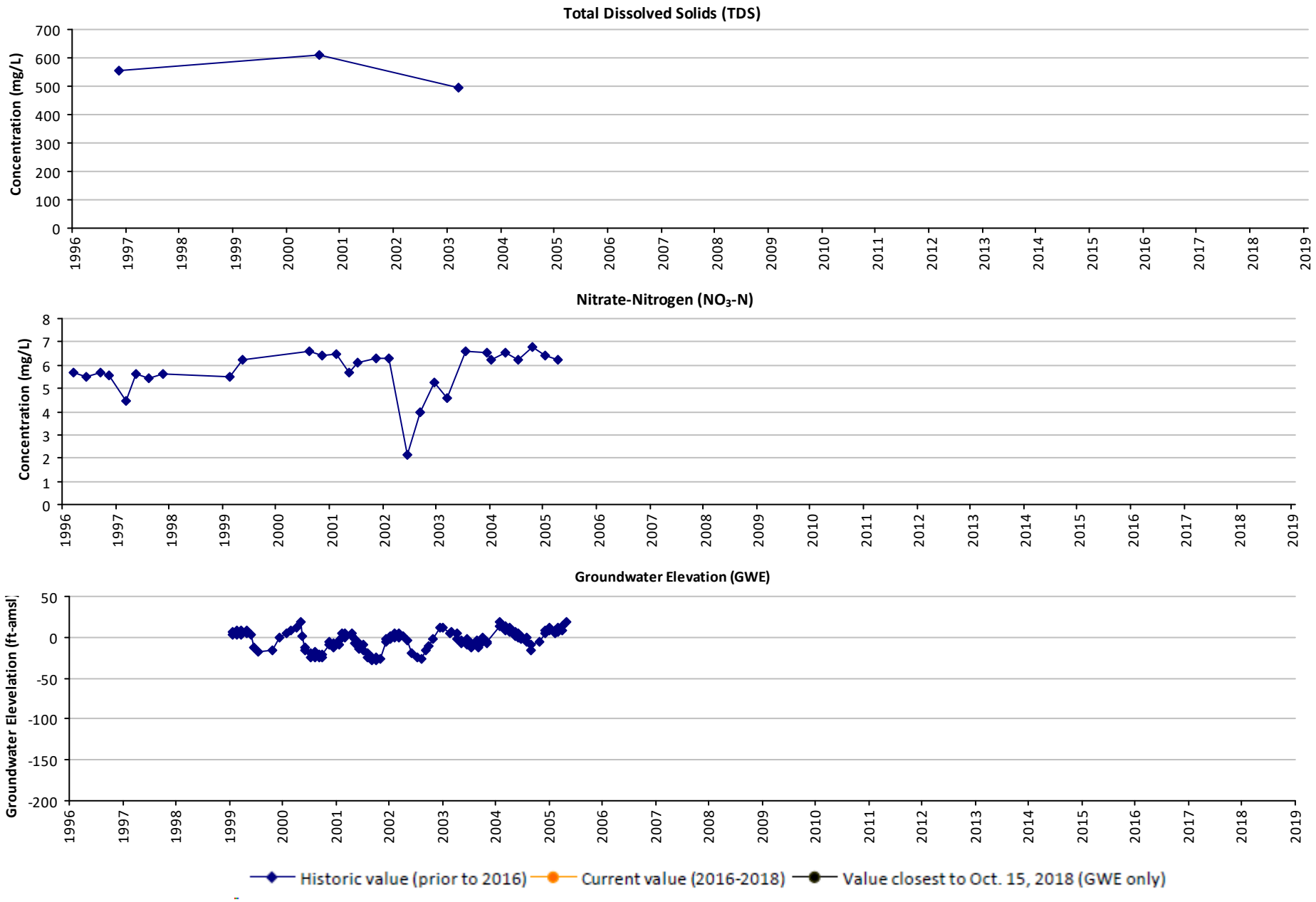
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

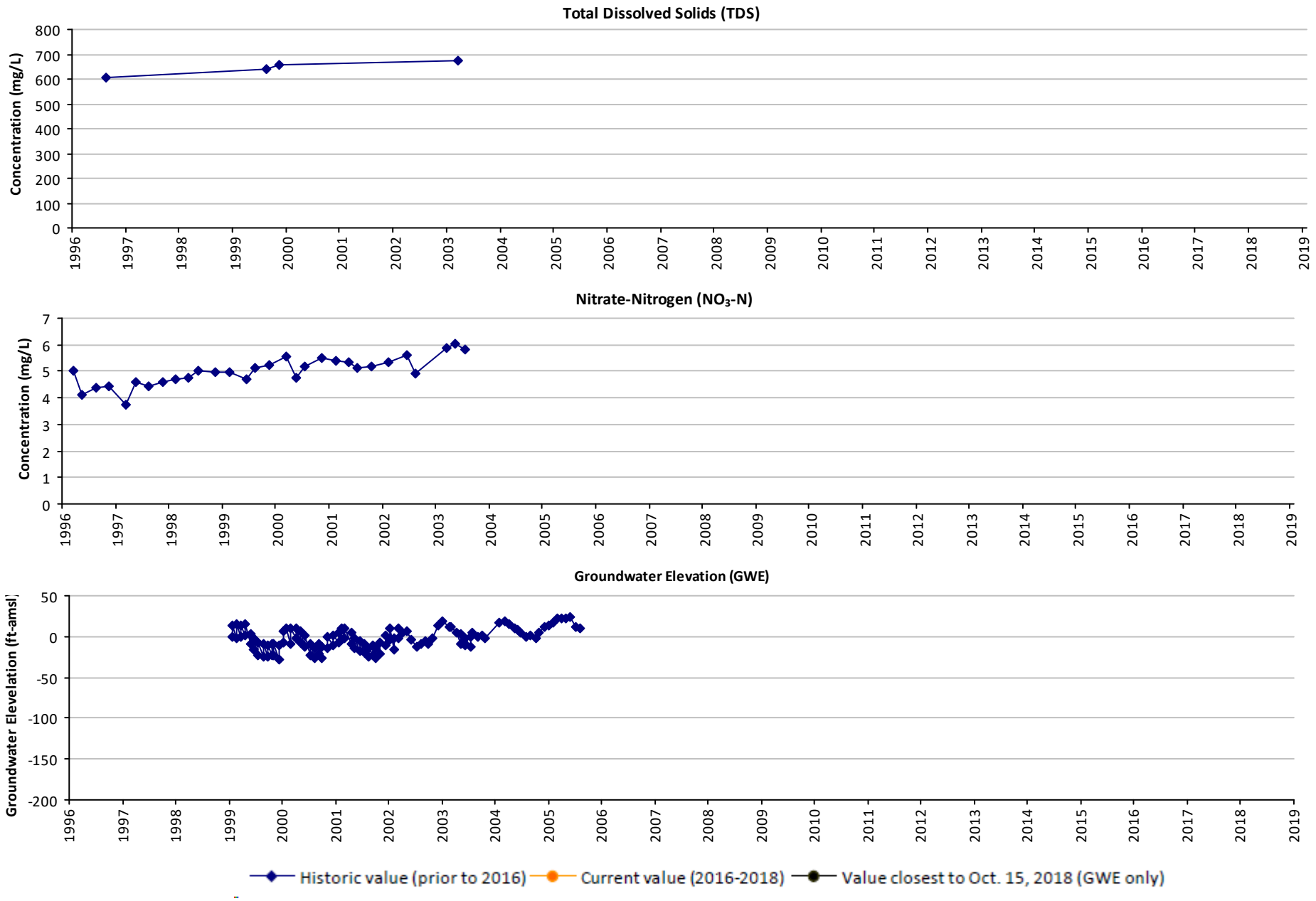

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

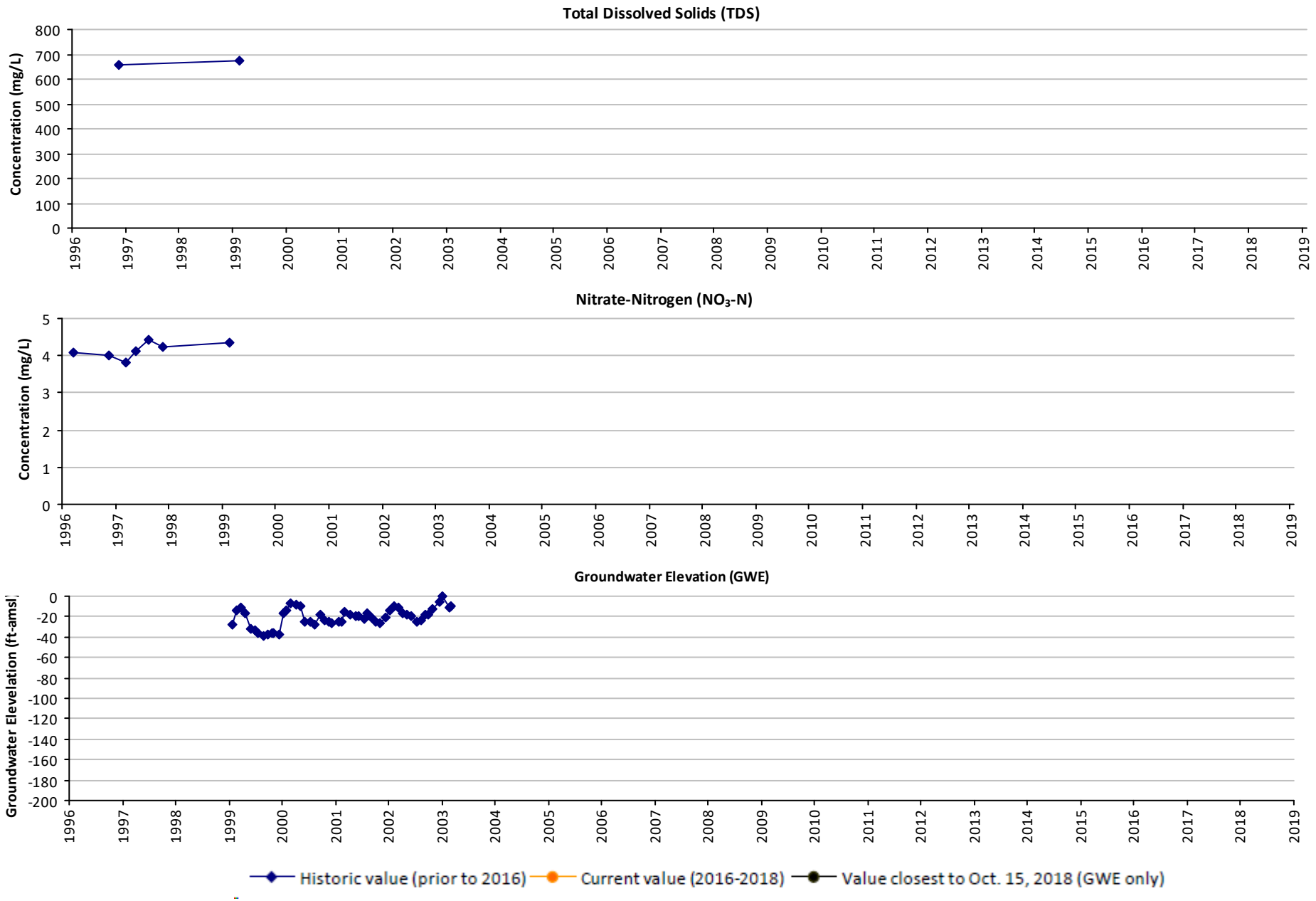

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

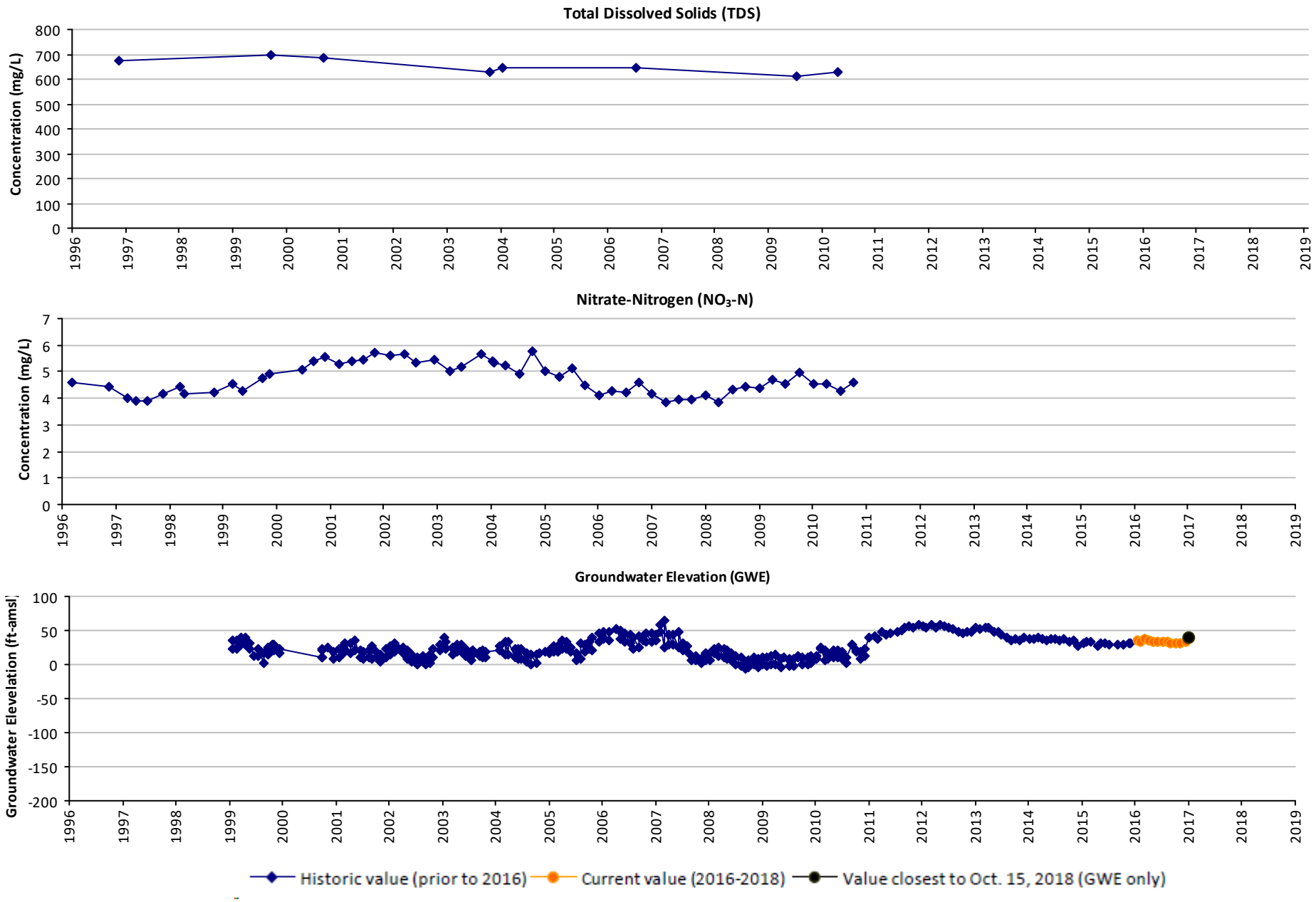

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

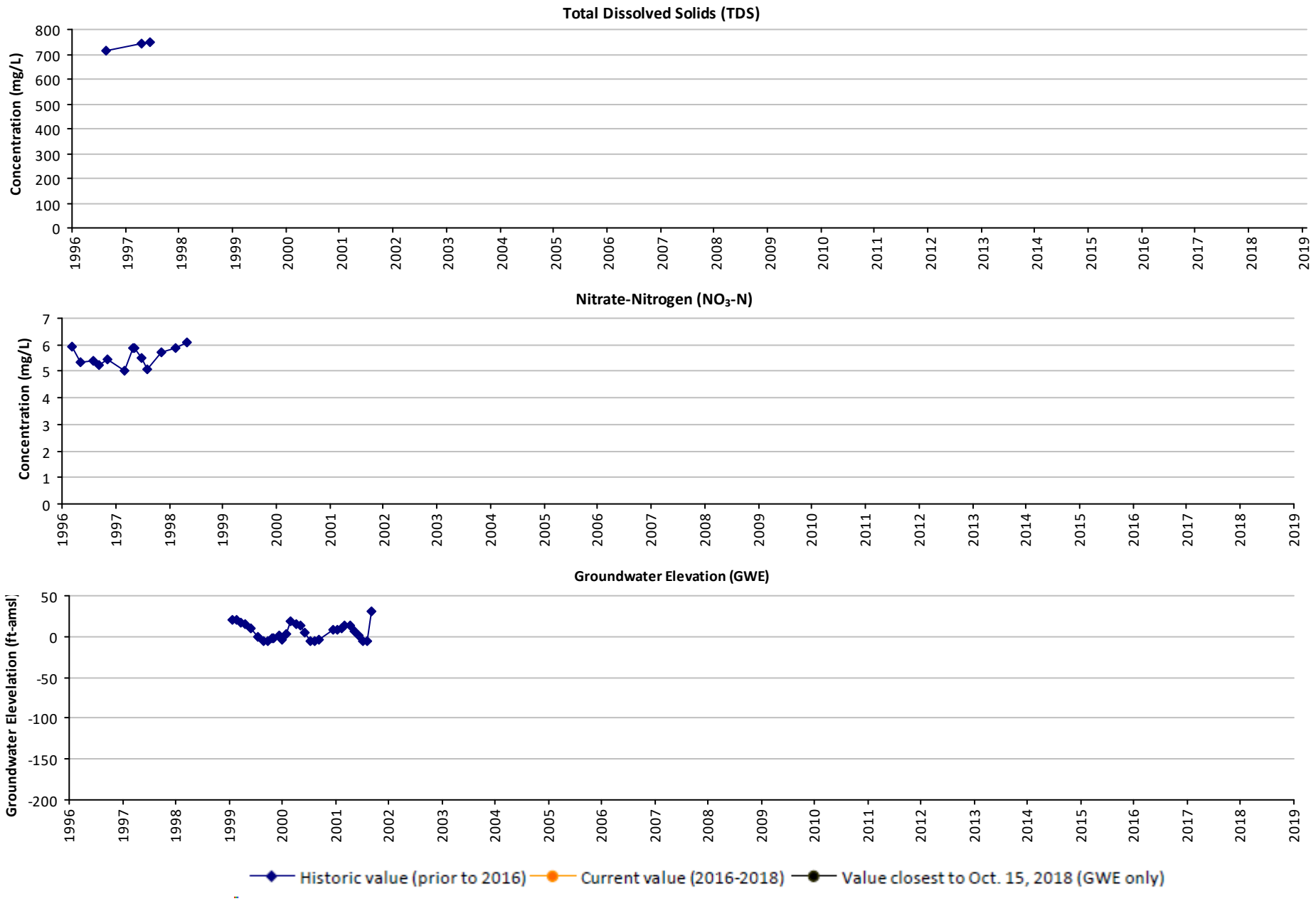

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

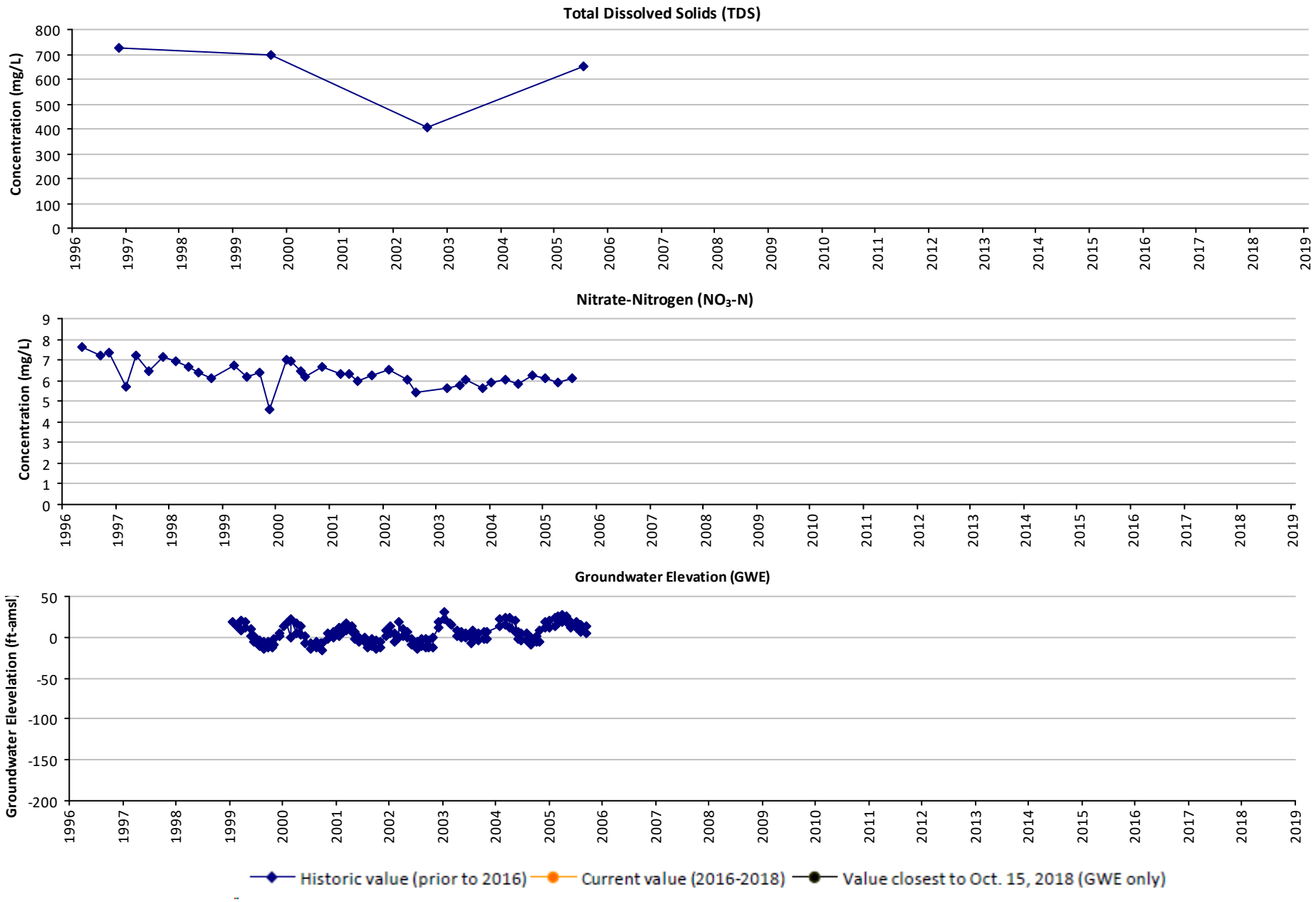

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

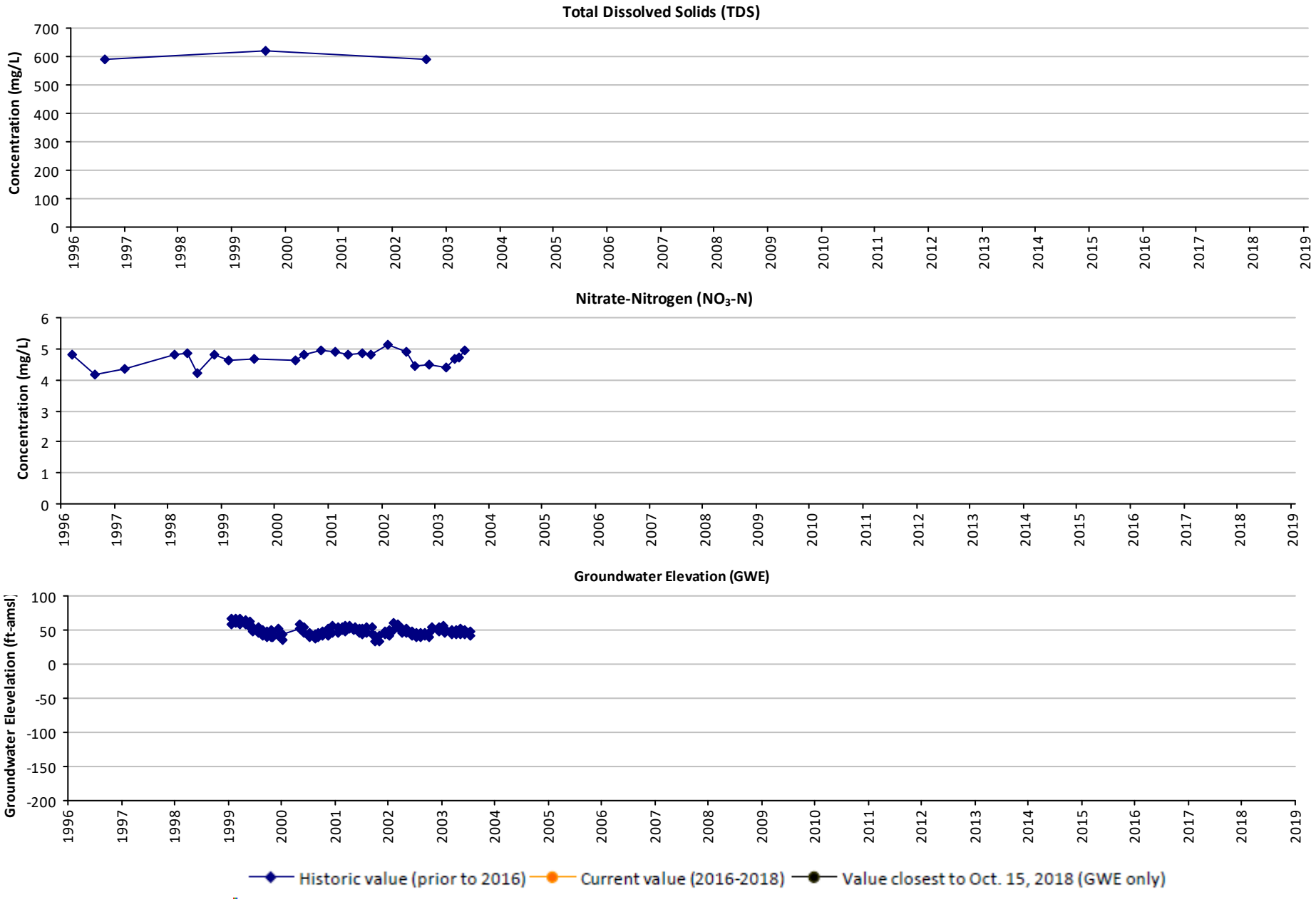

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

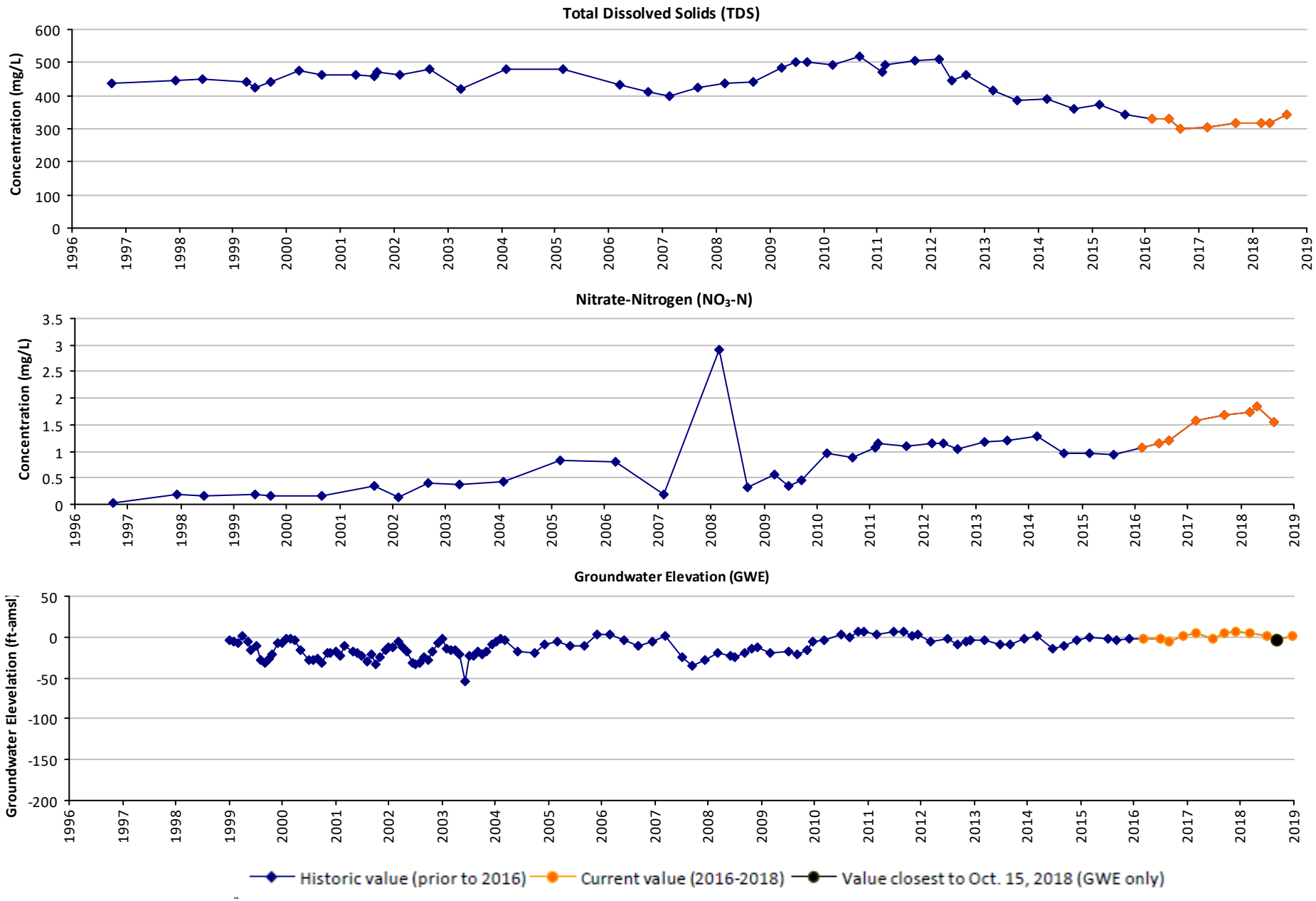

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

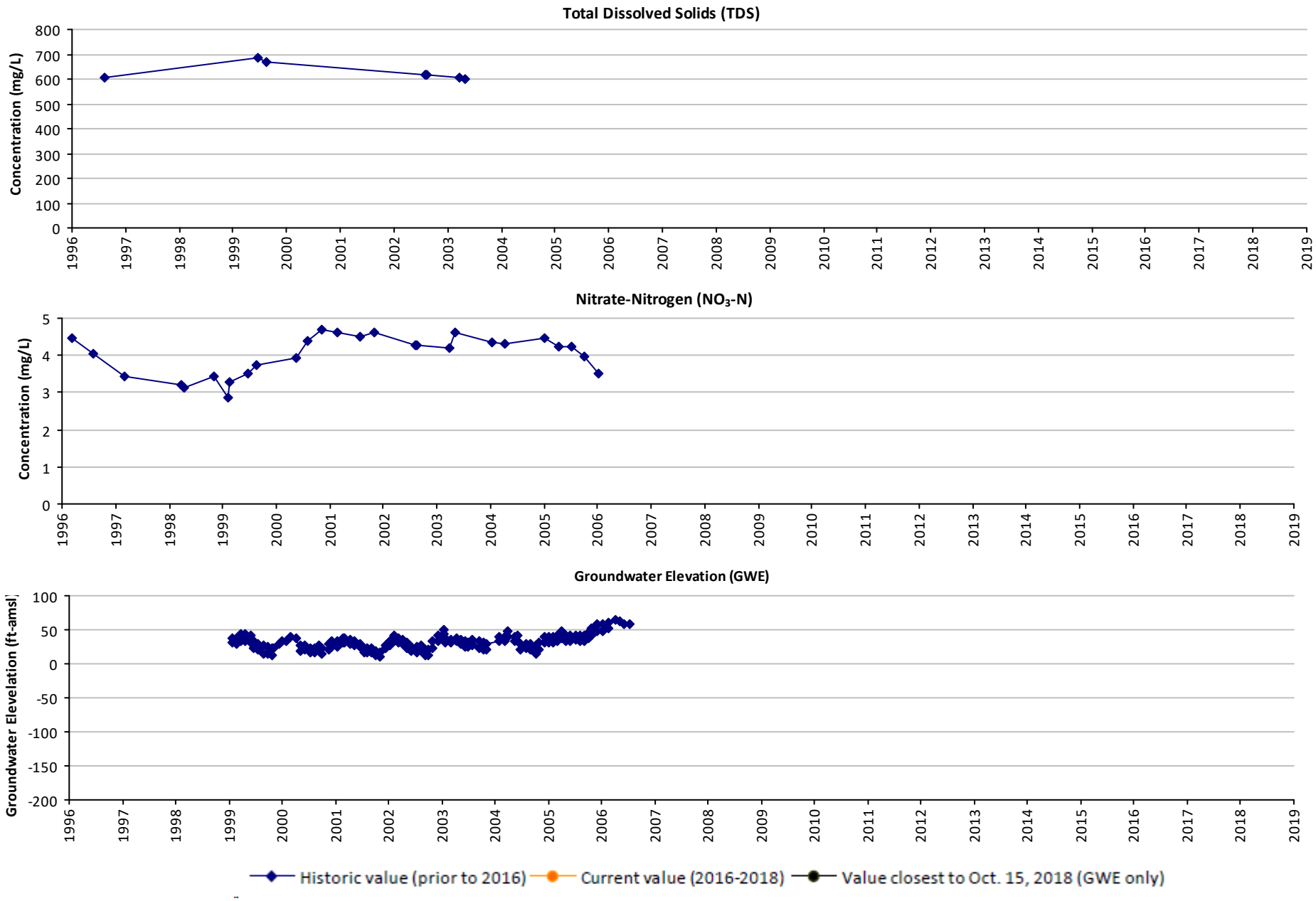

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

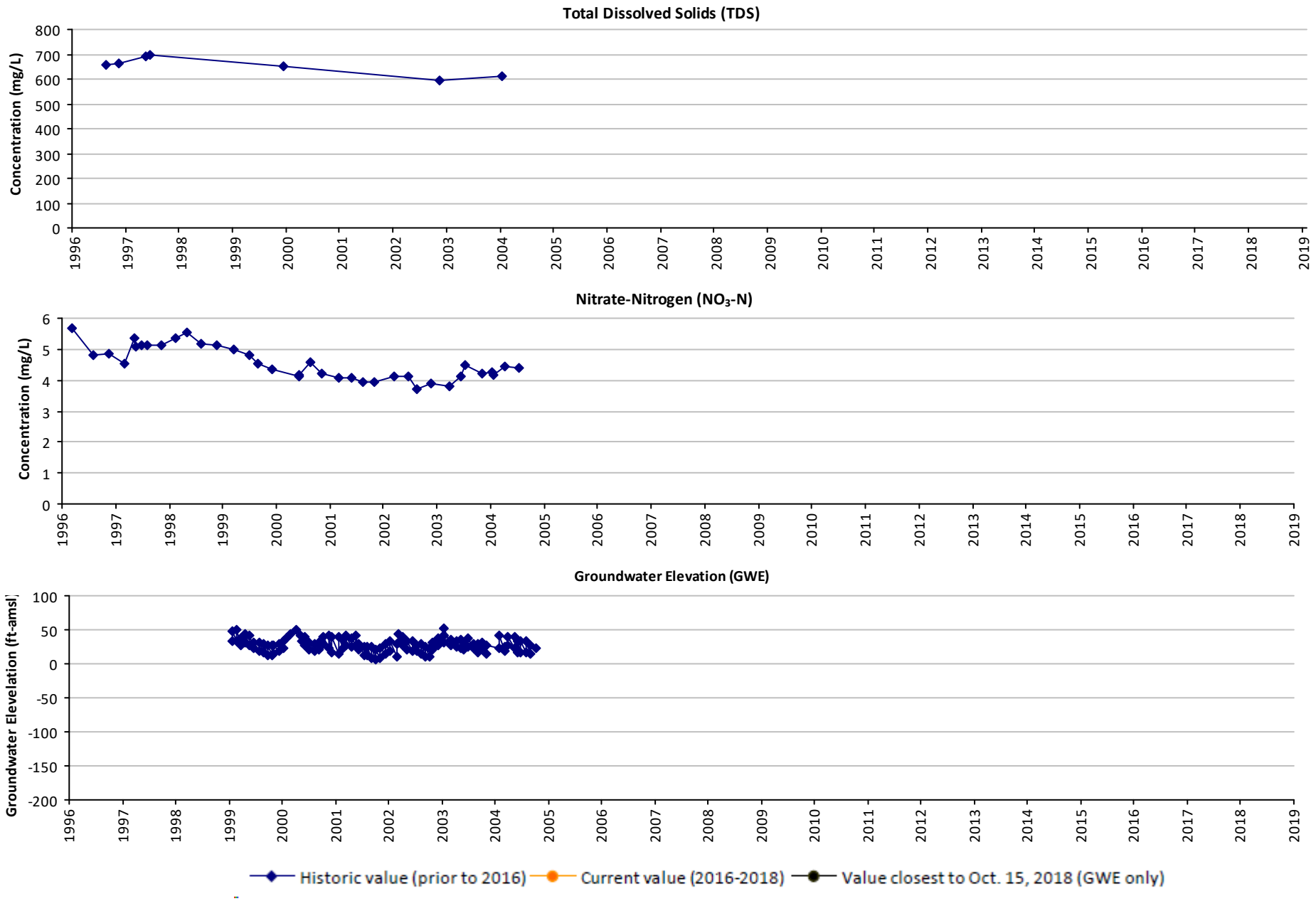

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

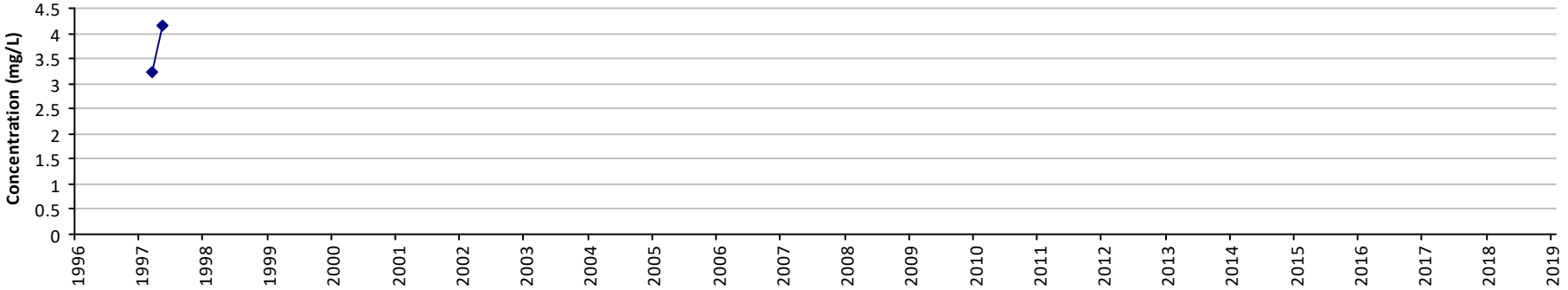

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

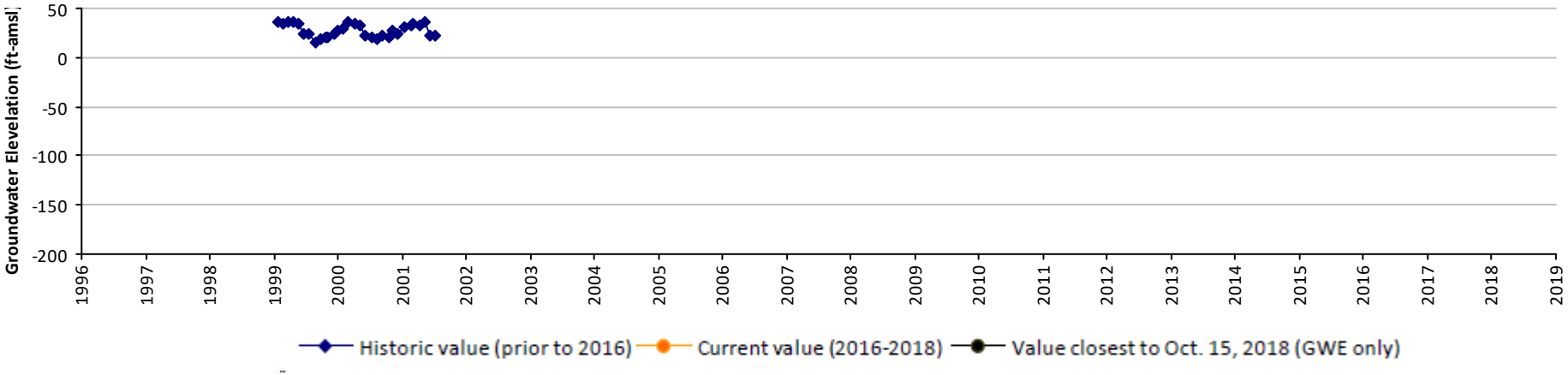

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

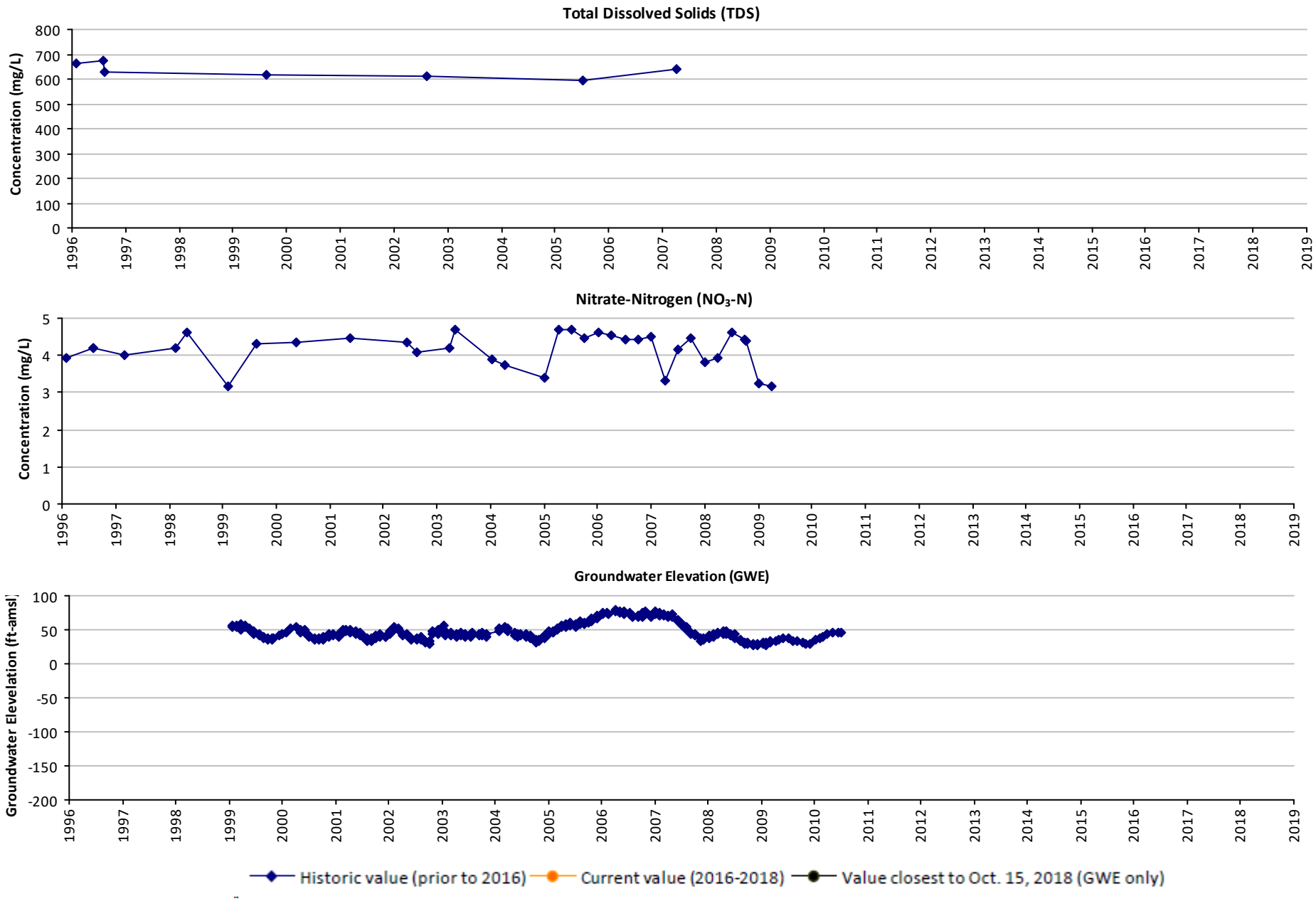
Total Dissolved Solids (TDS)

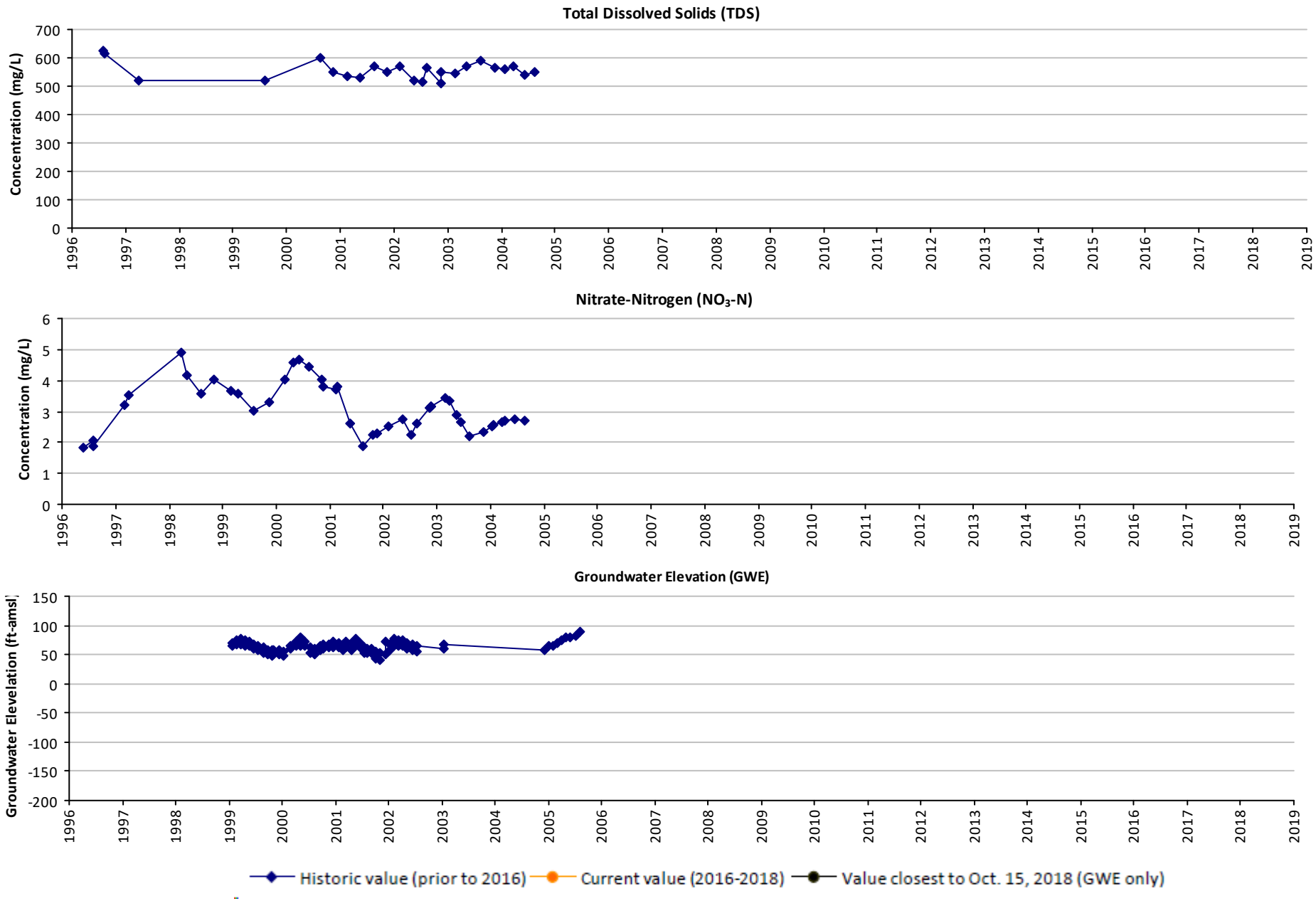
Nitrate-Nitrogen (NO_3-N)

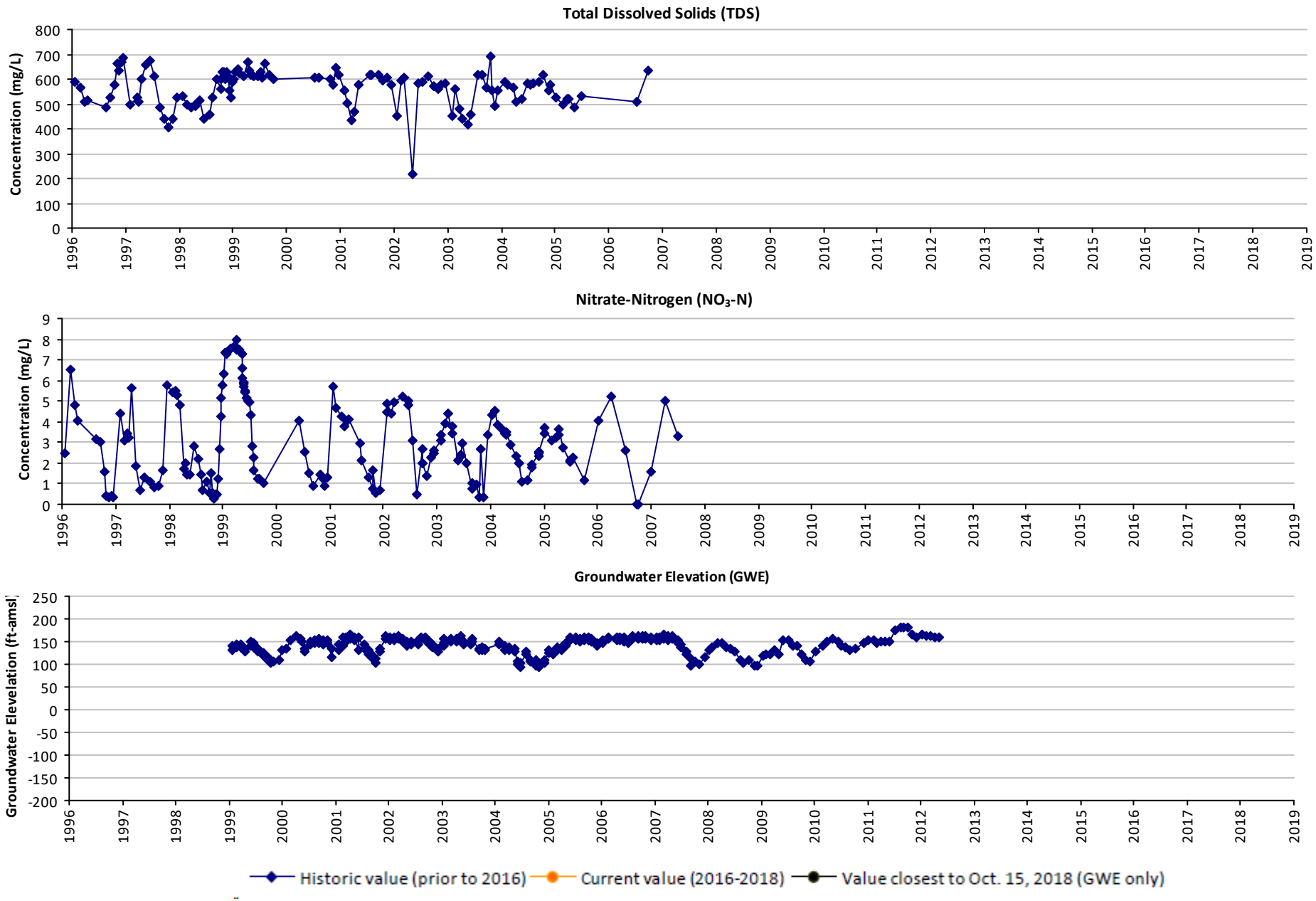


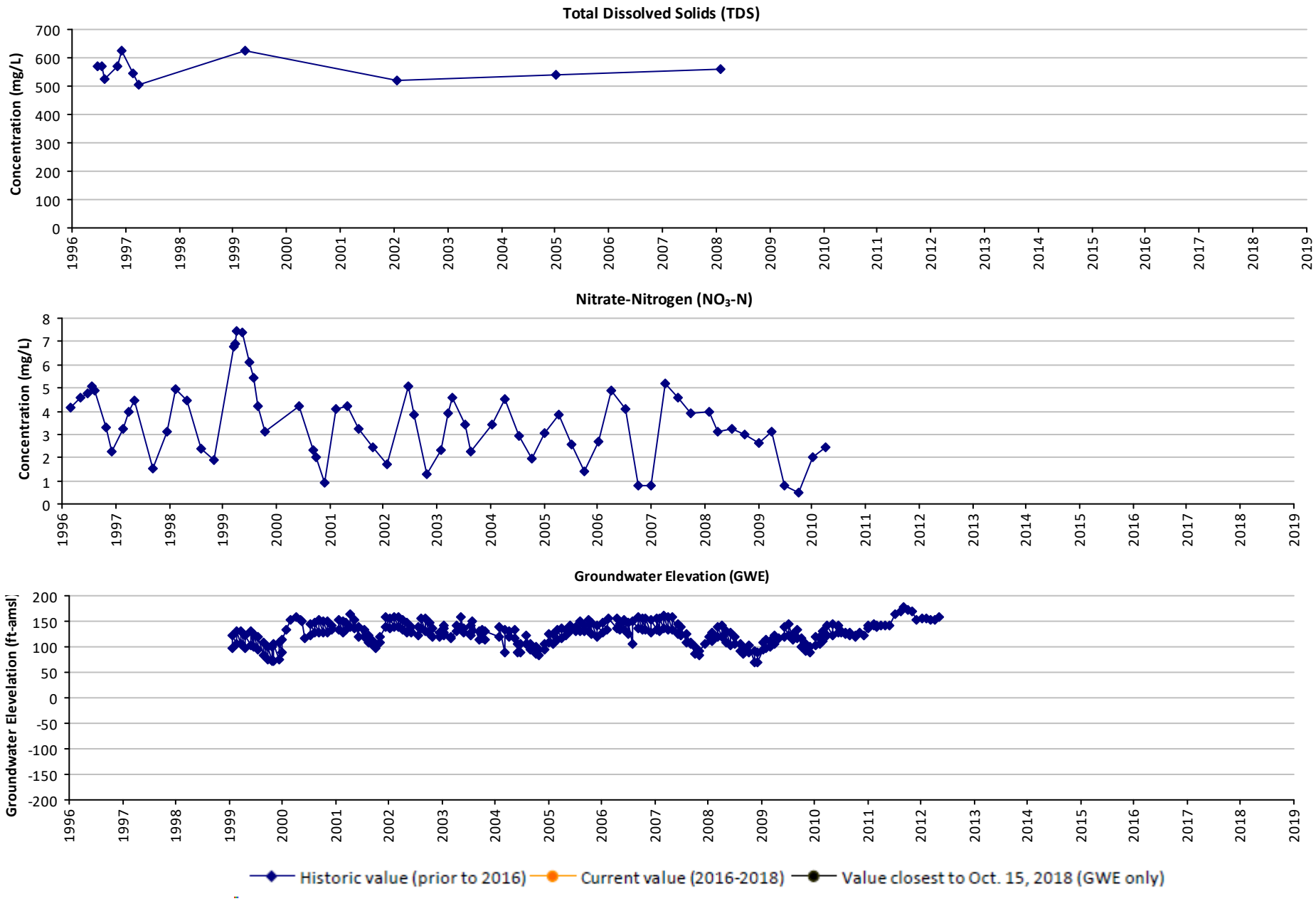
Groundwater Elevation (GWE)

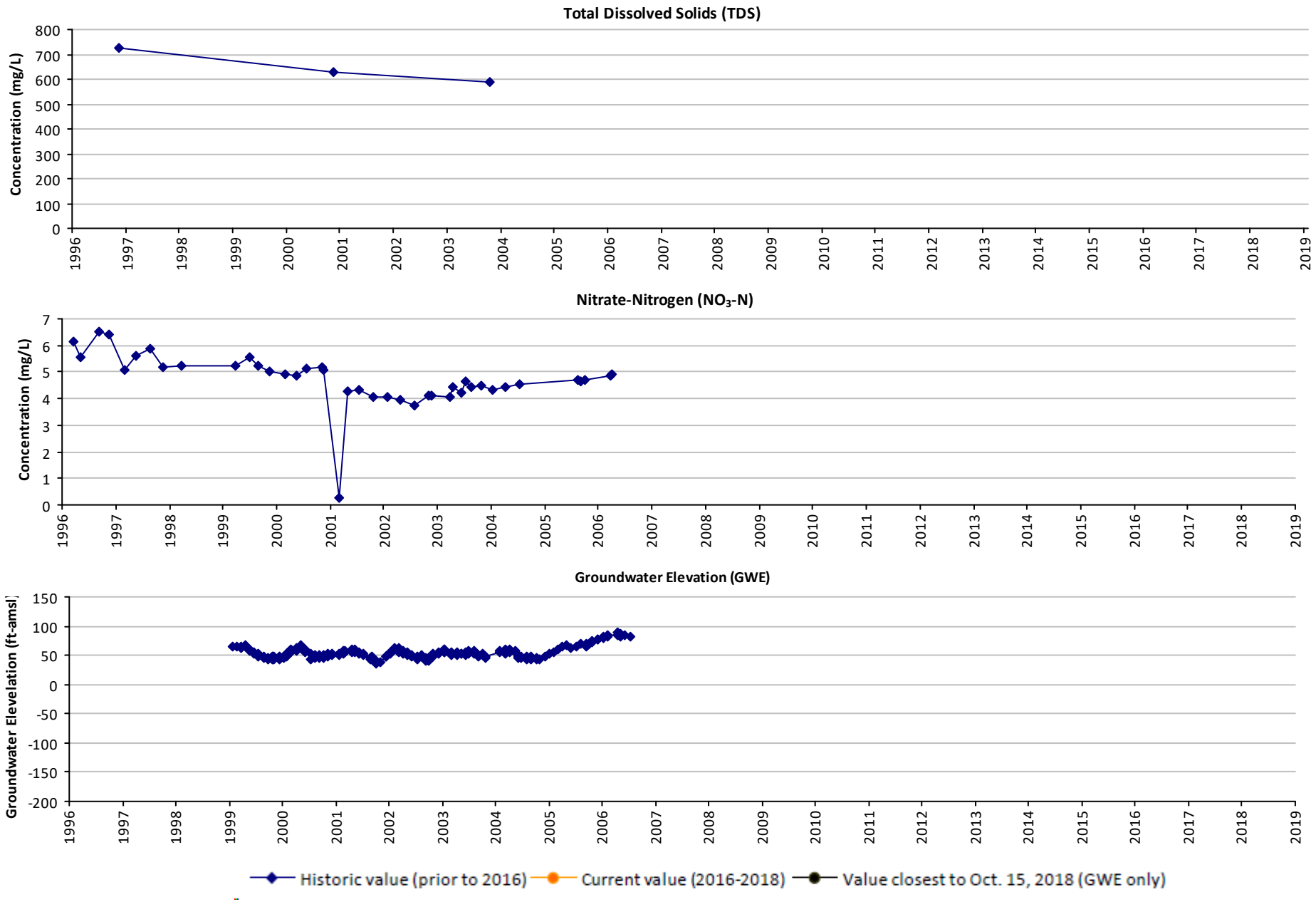



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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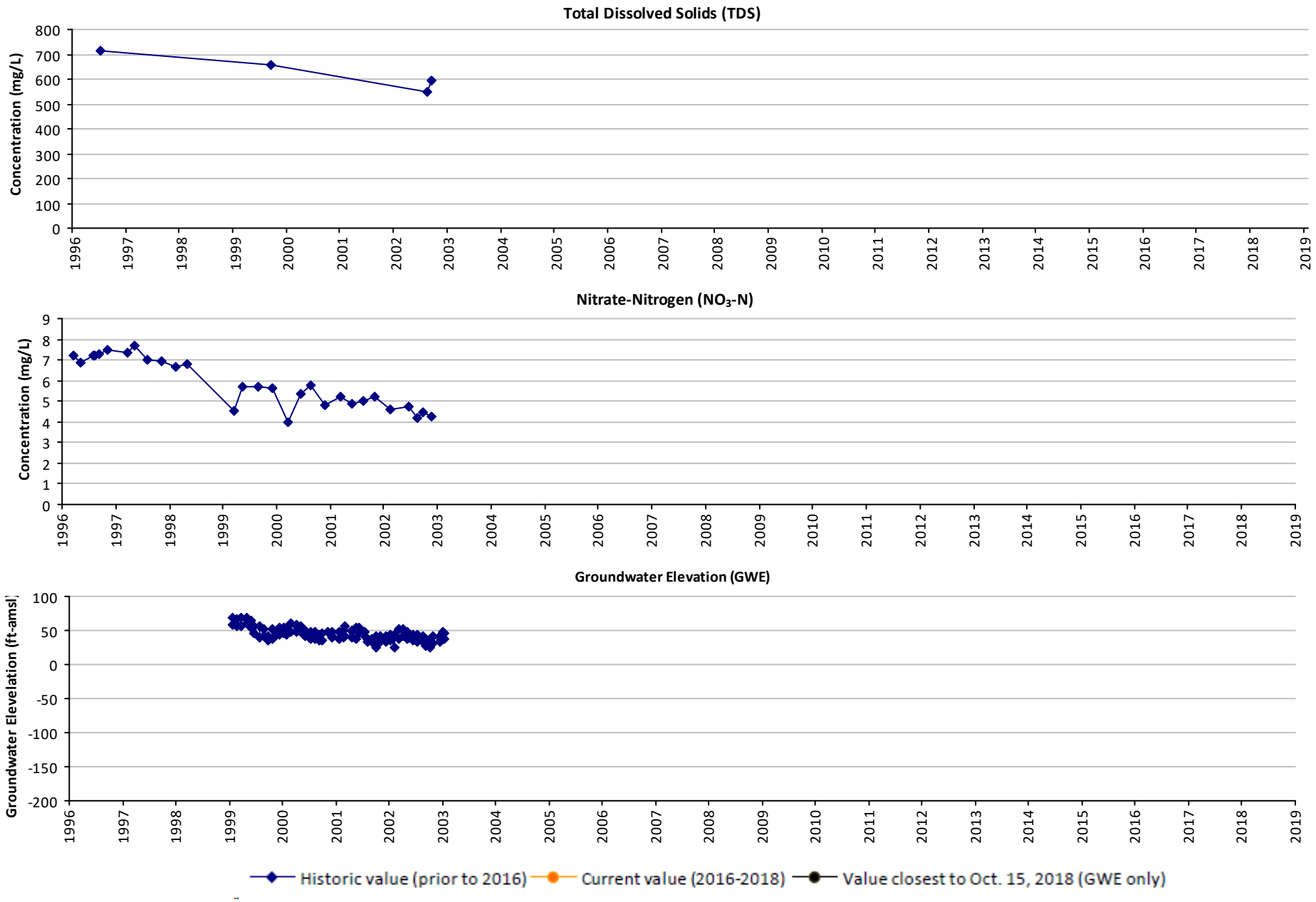
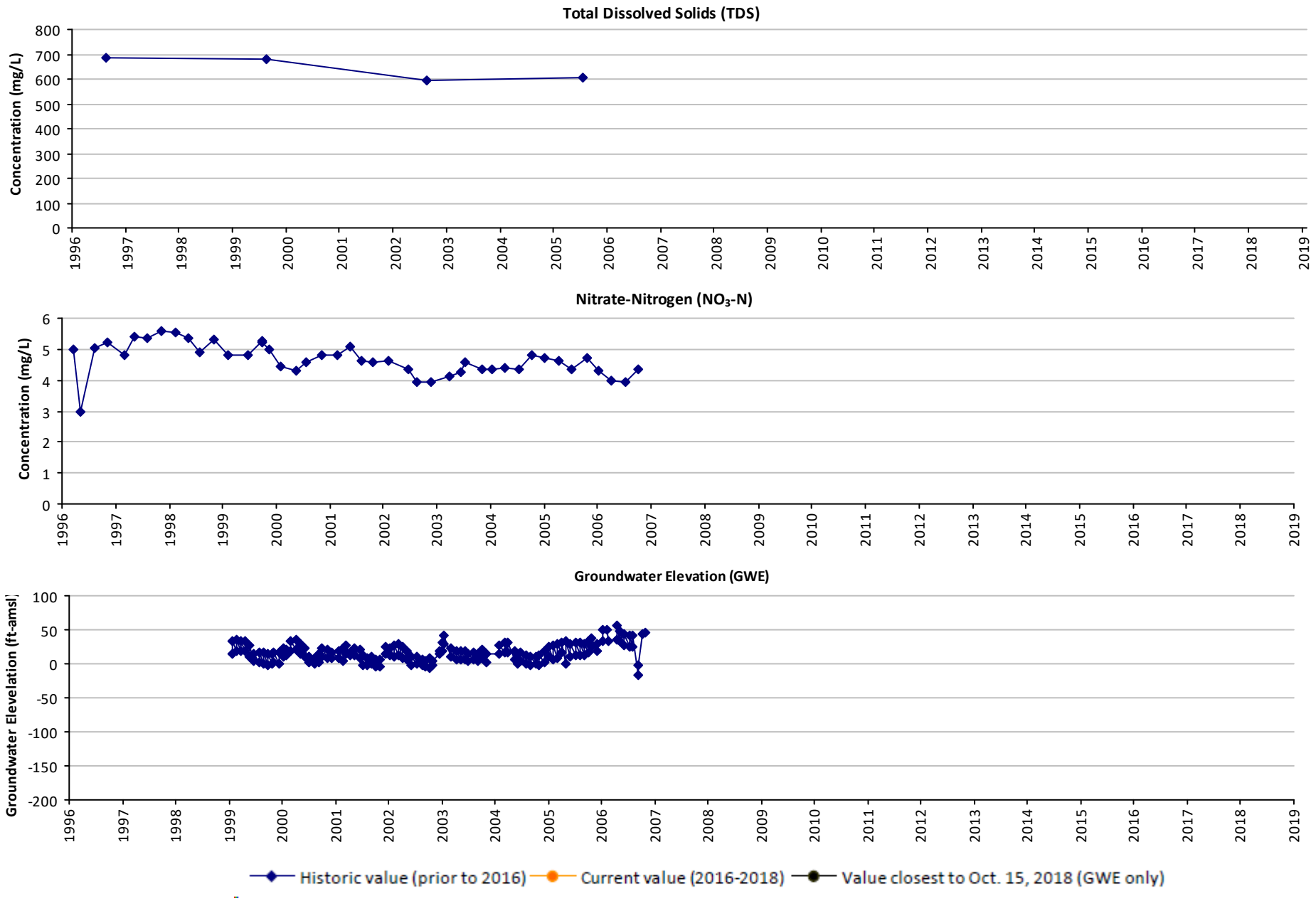

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
Current value (2016-2018)
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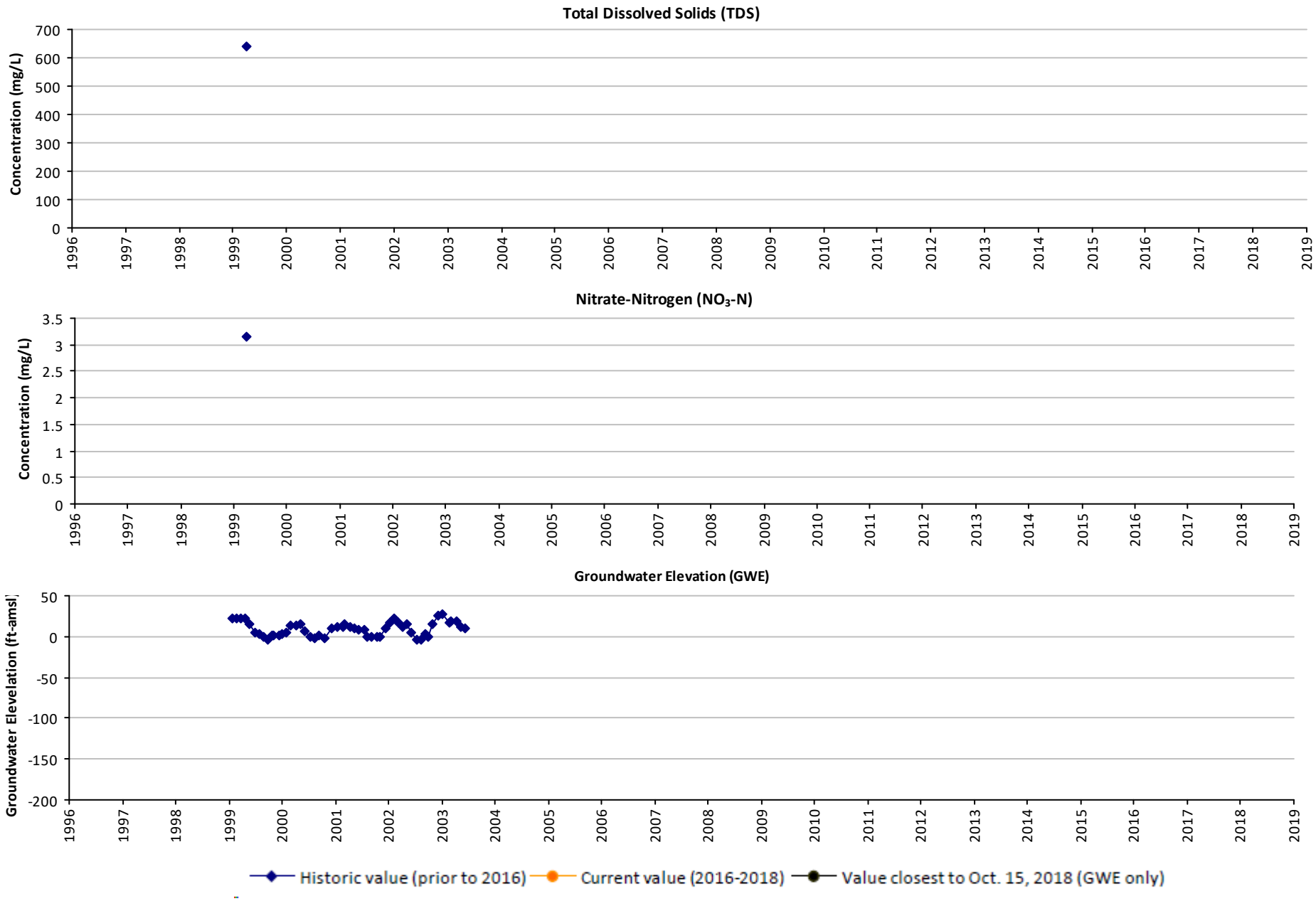
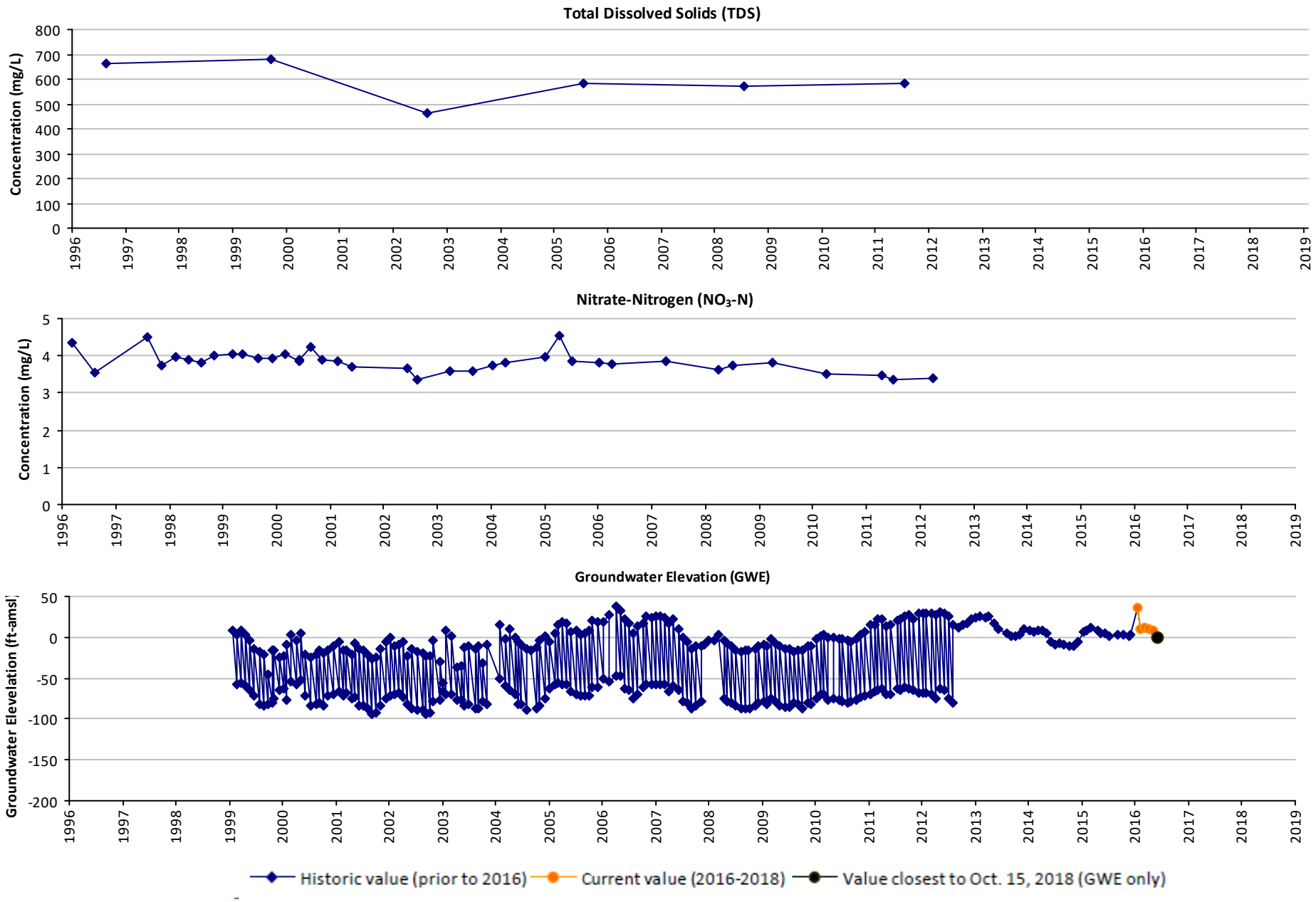
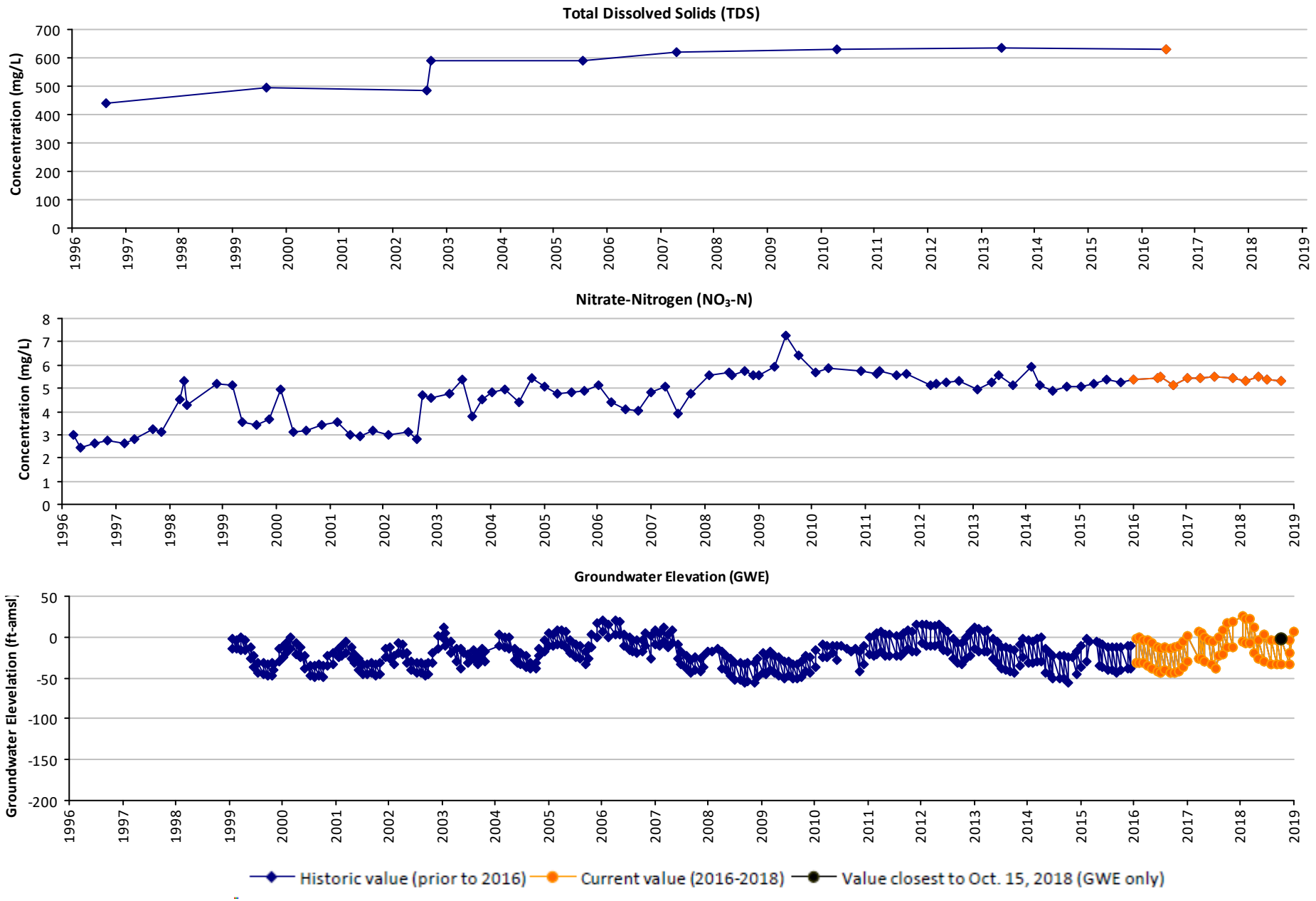
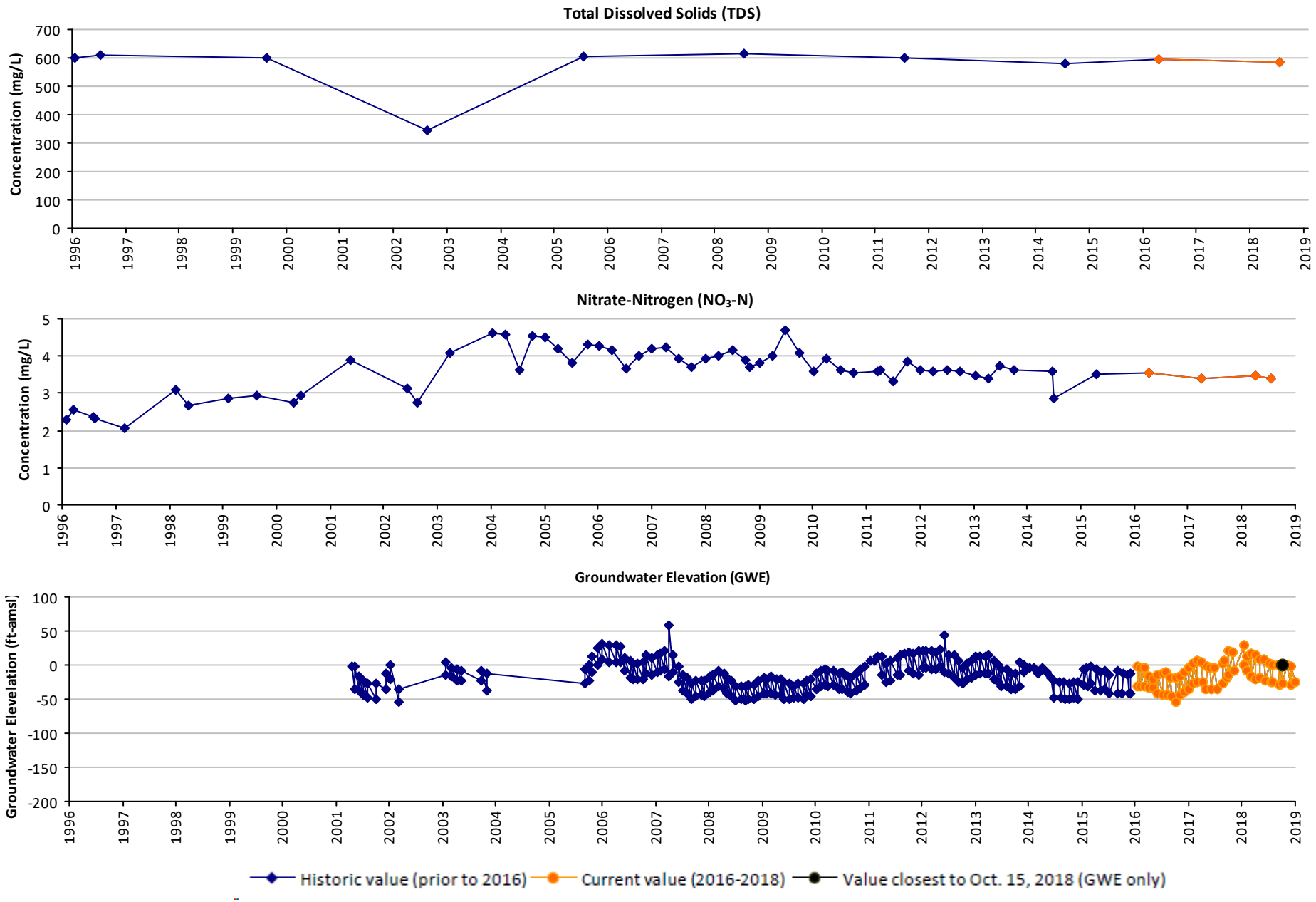

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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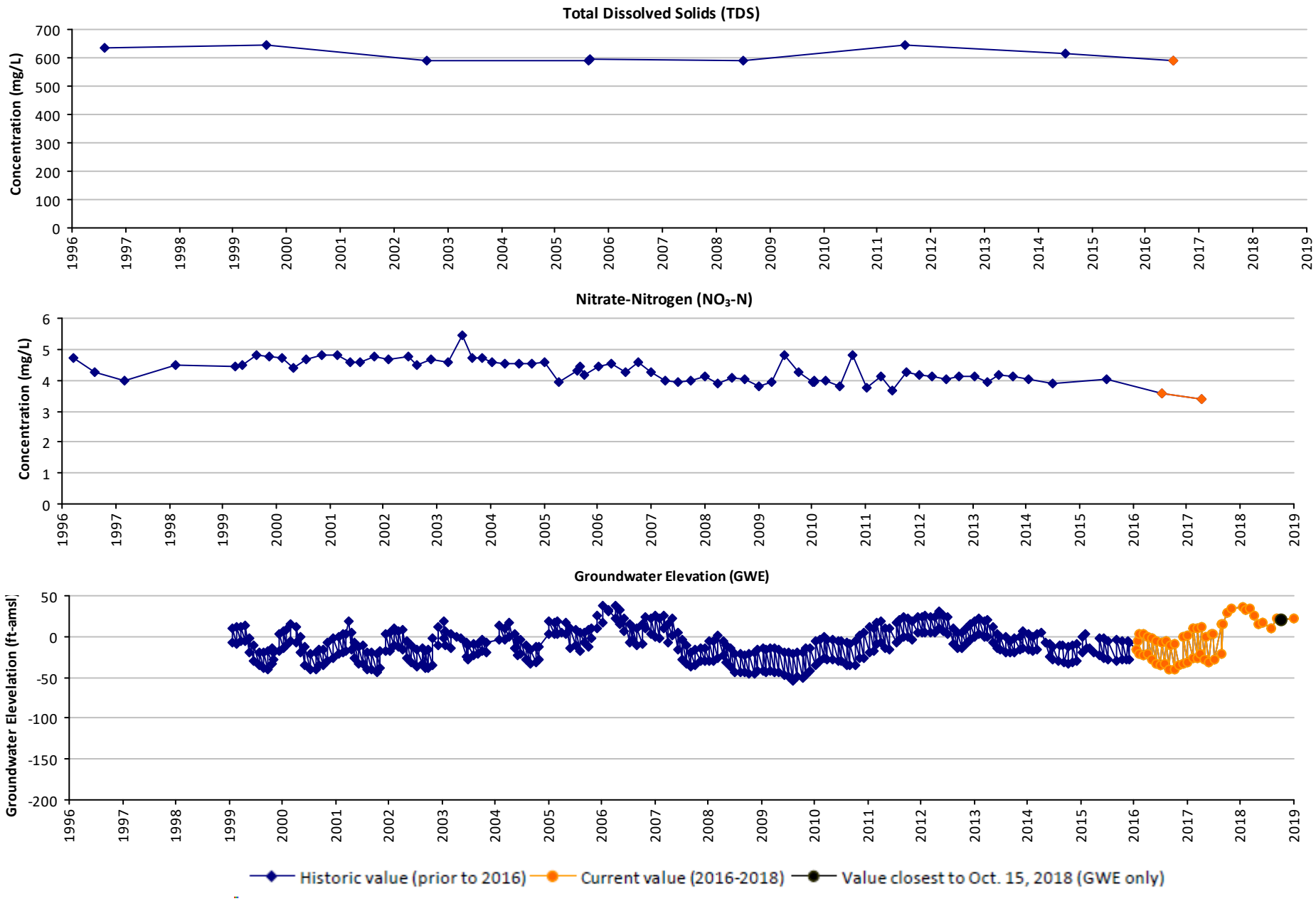
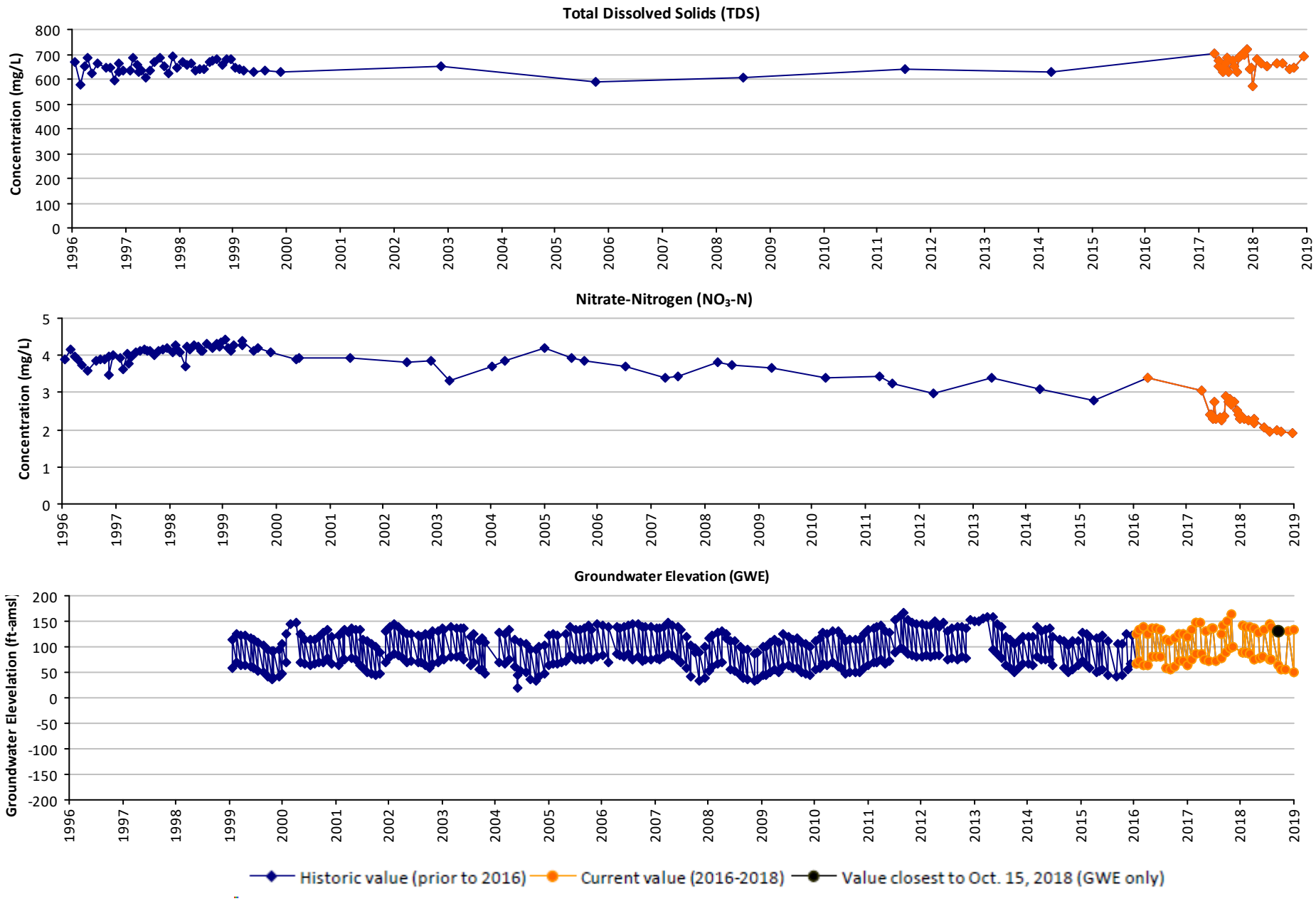
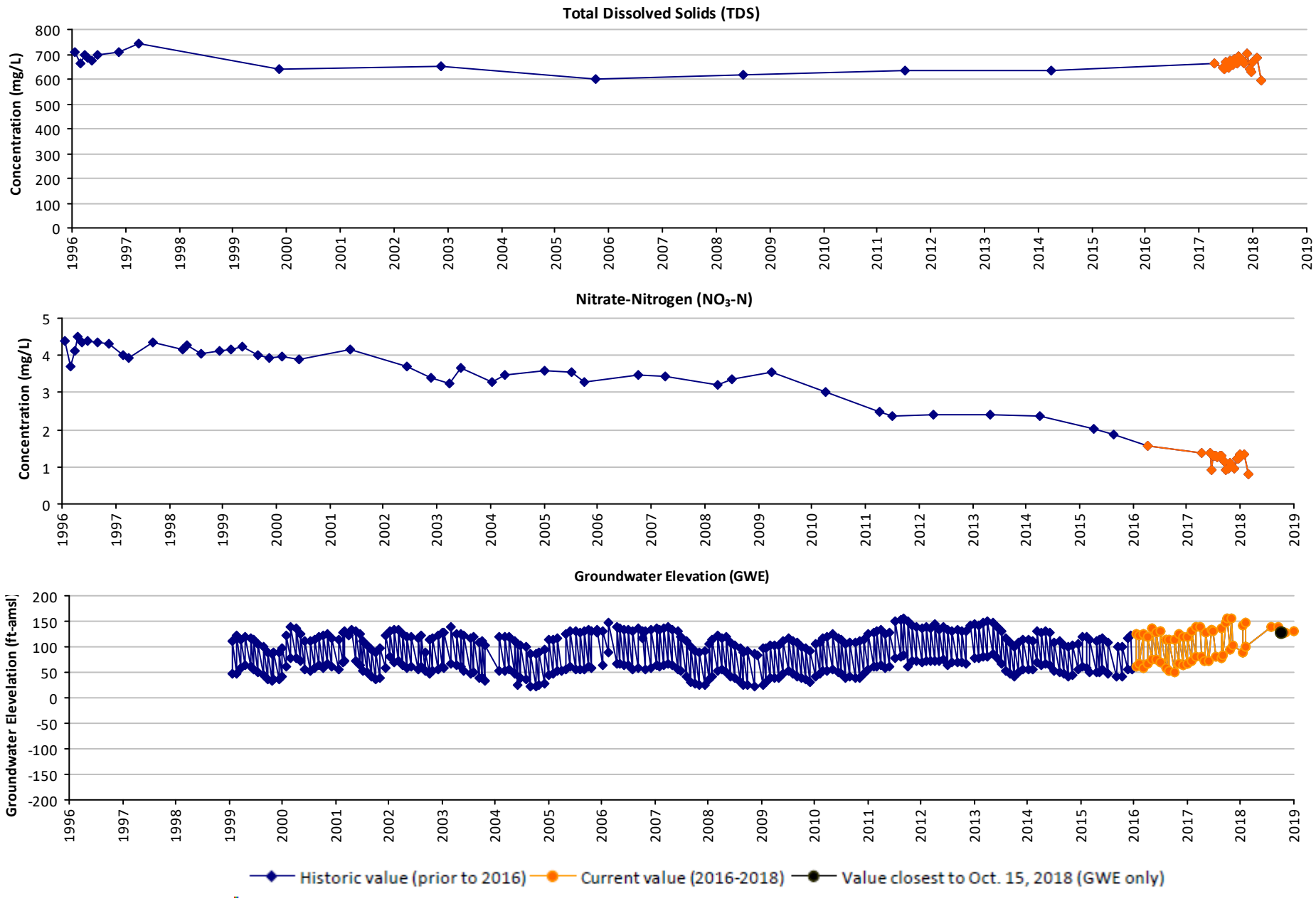

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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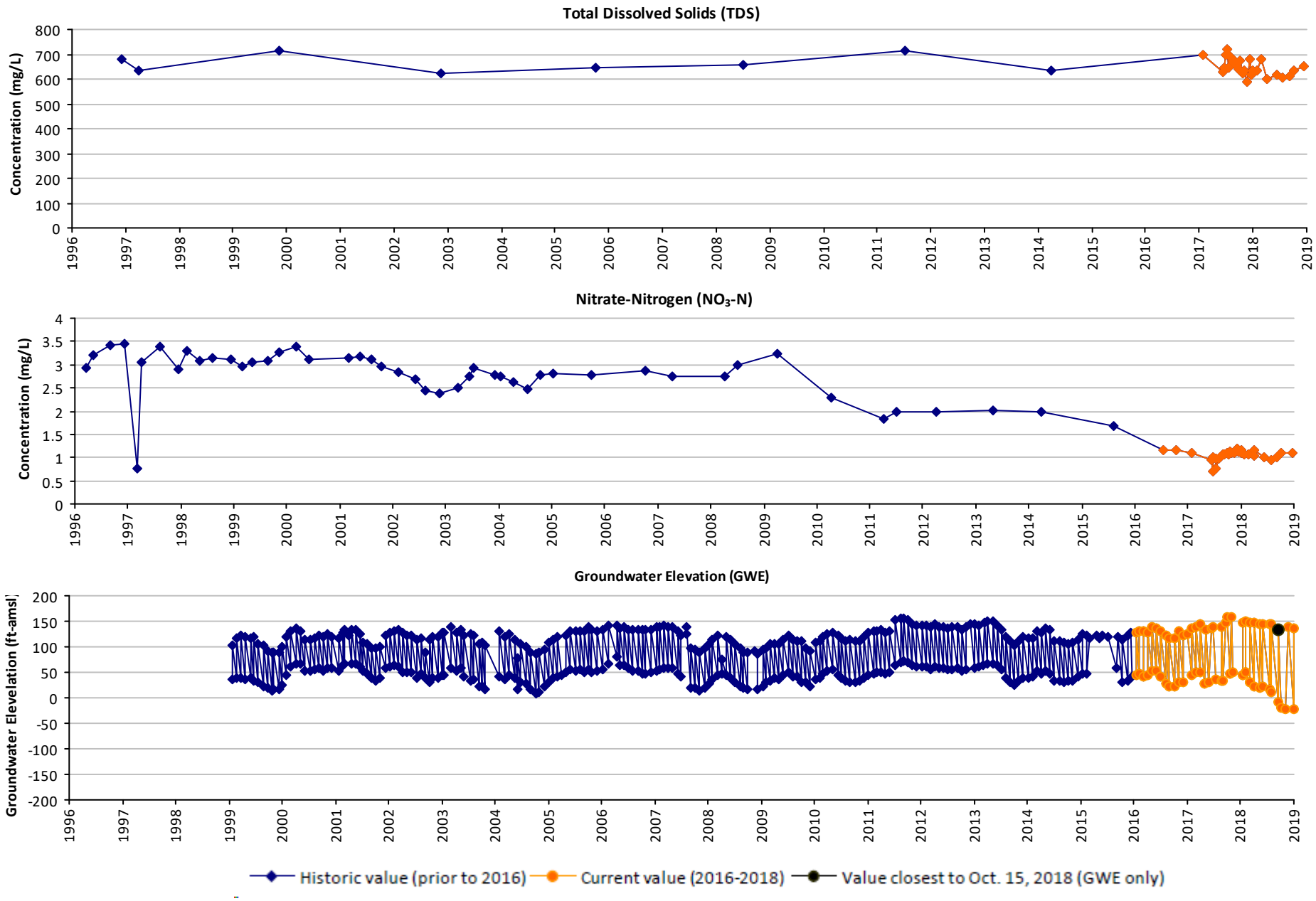
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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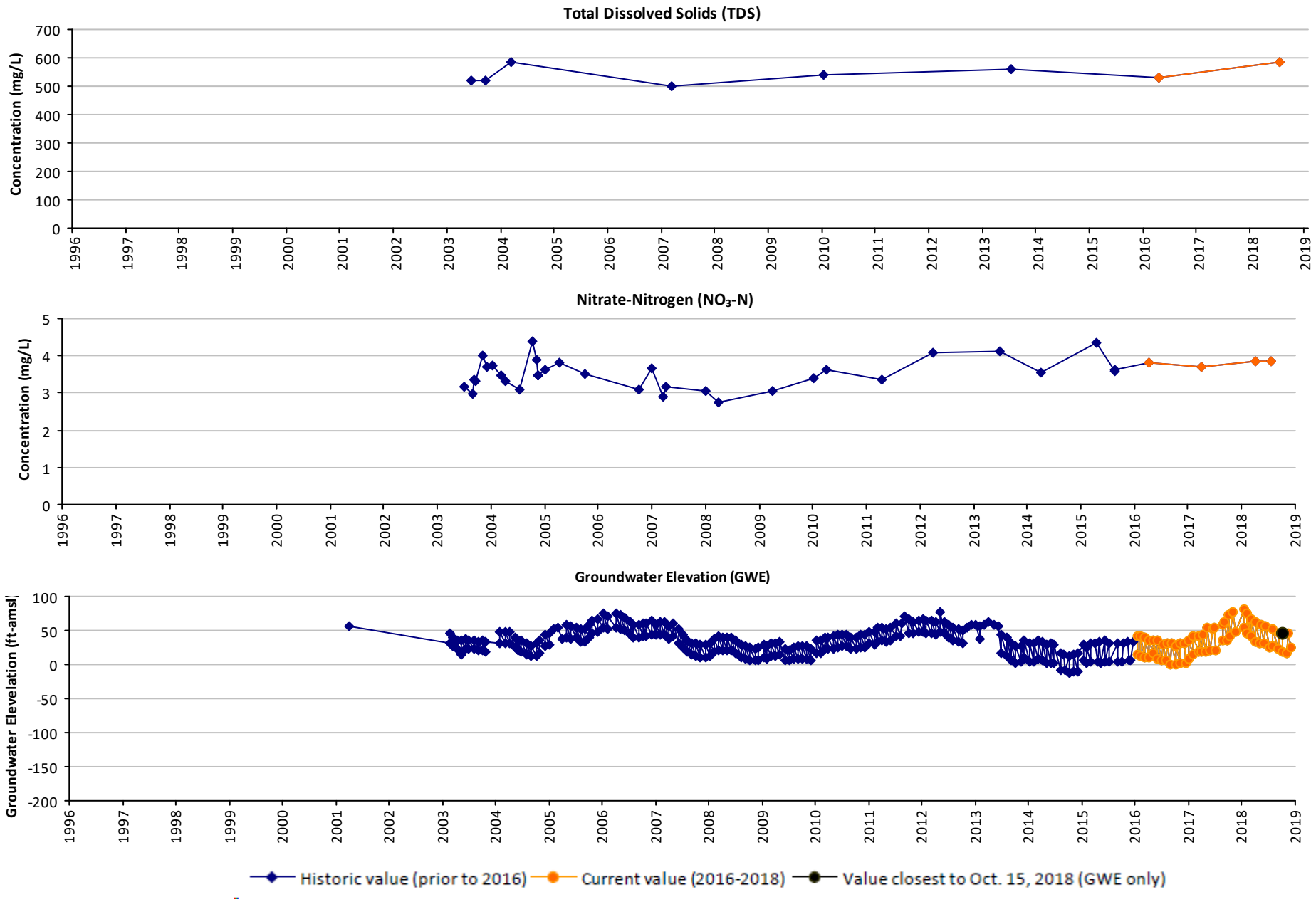
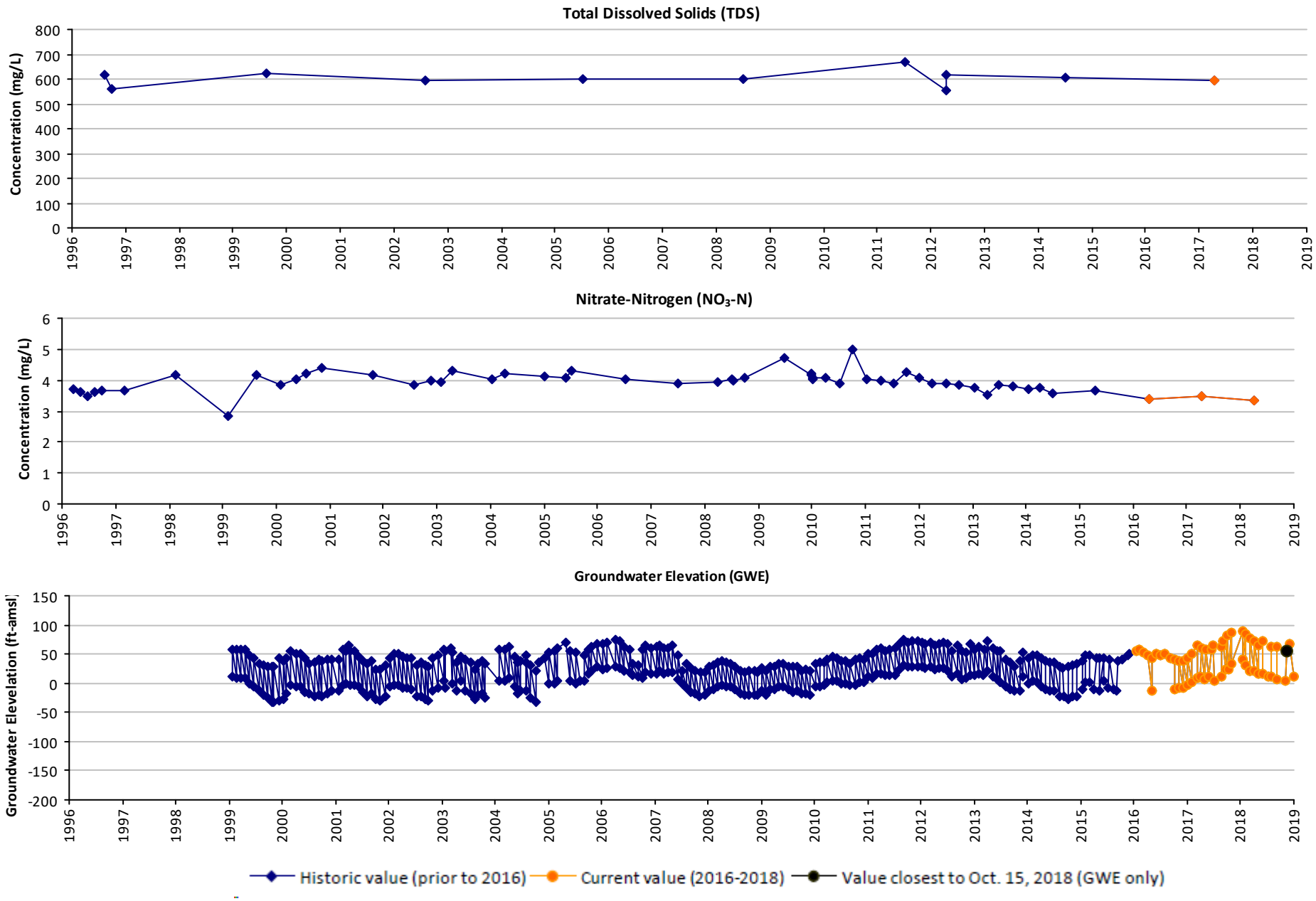
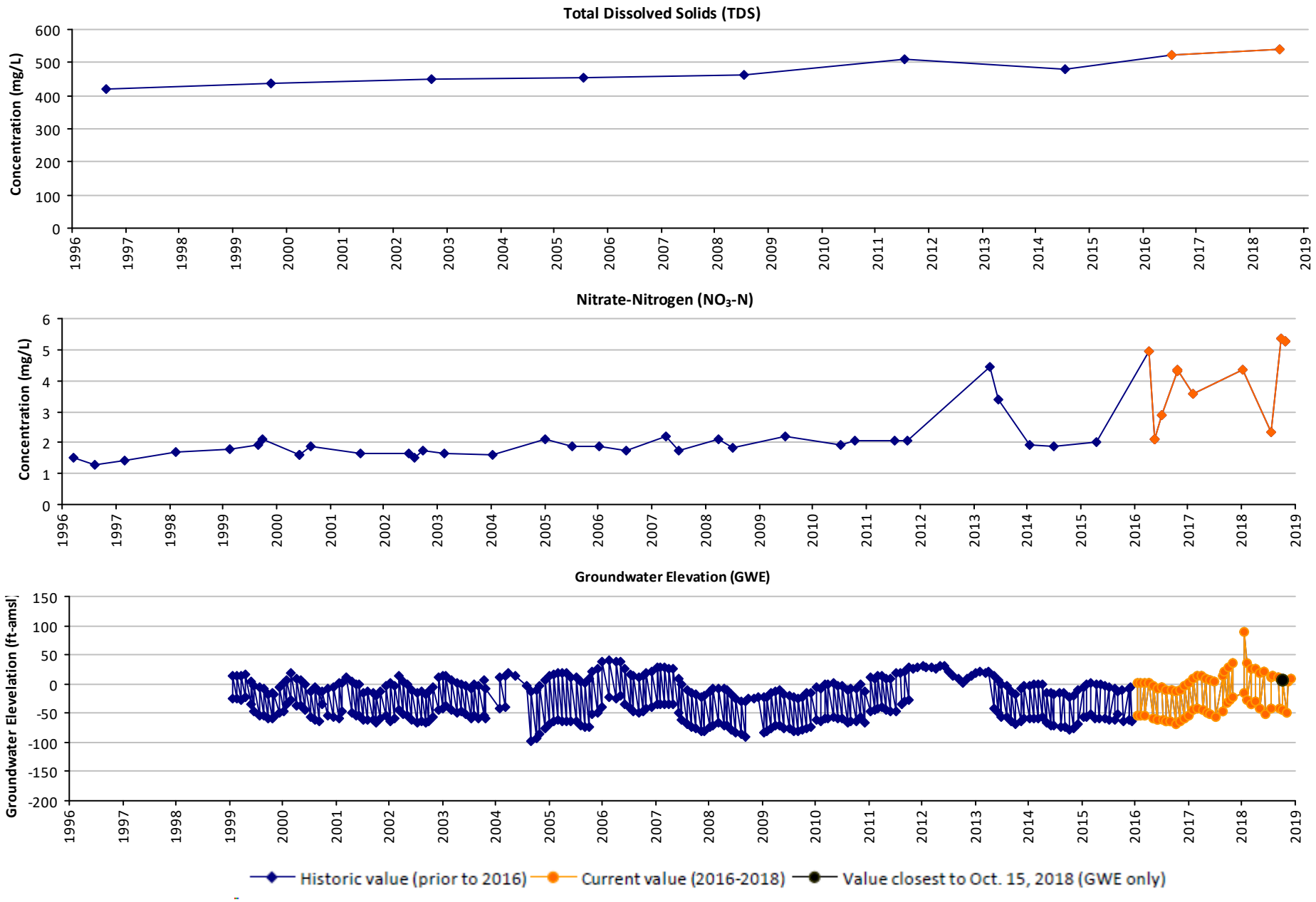
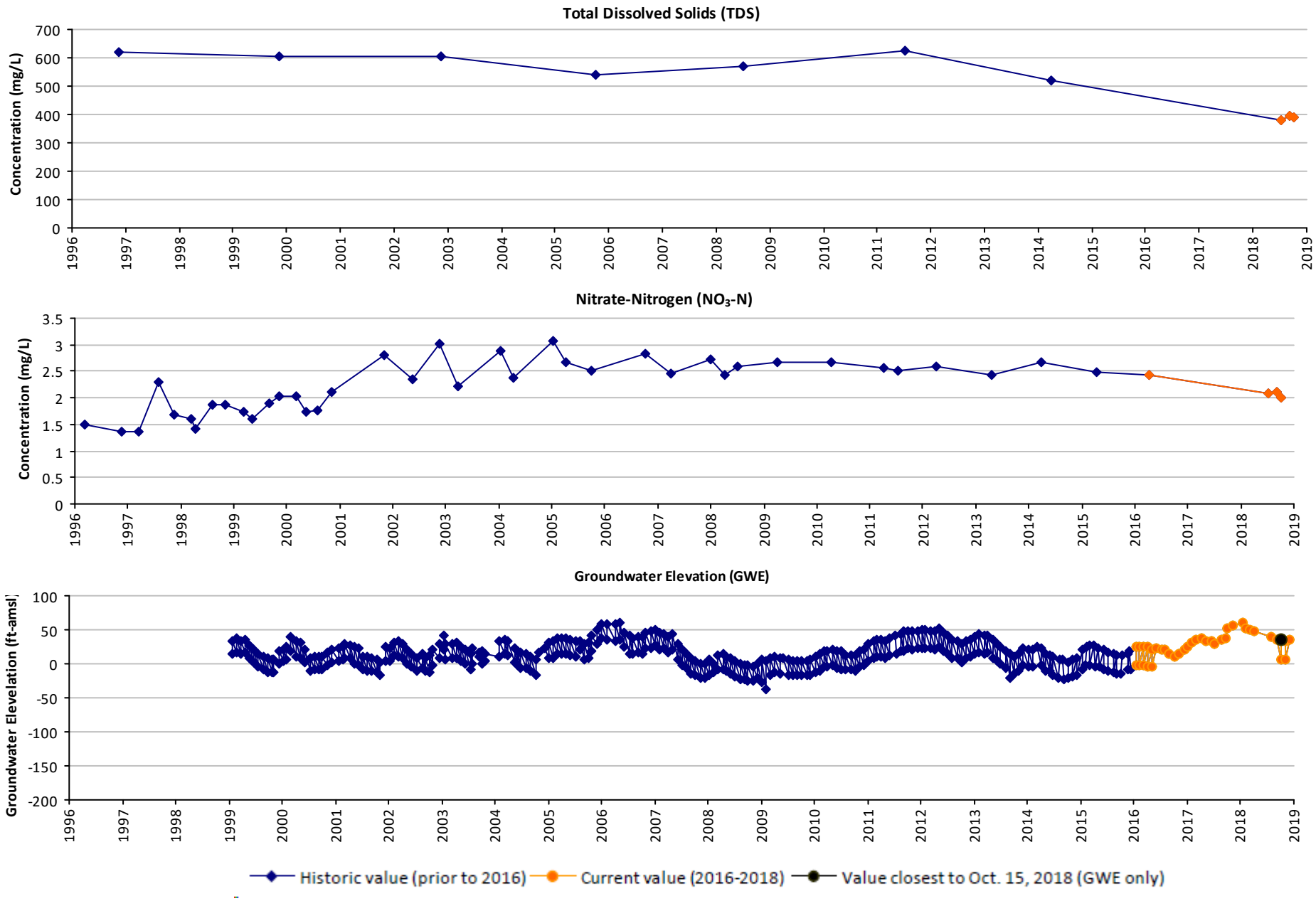
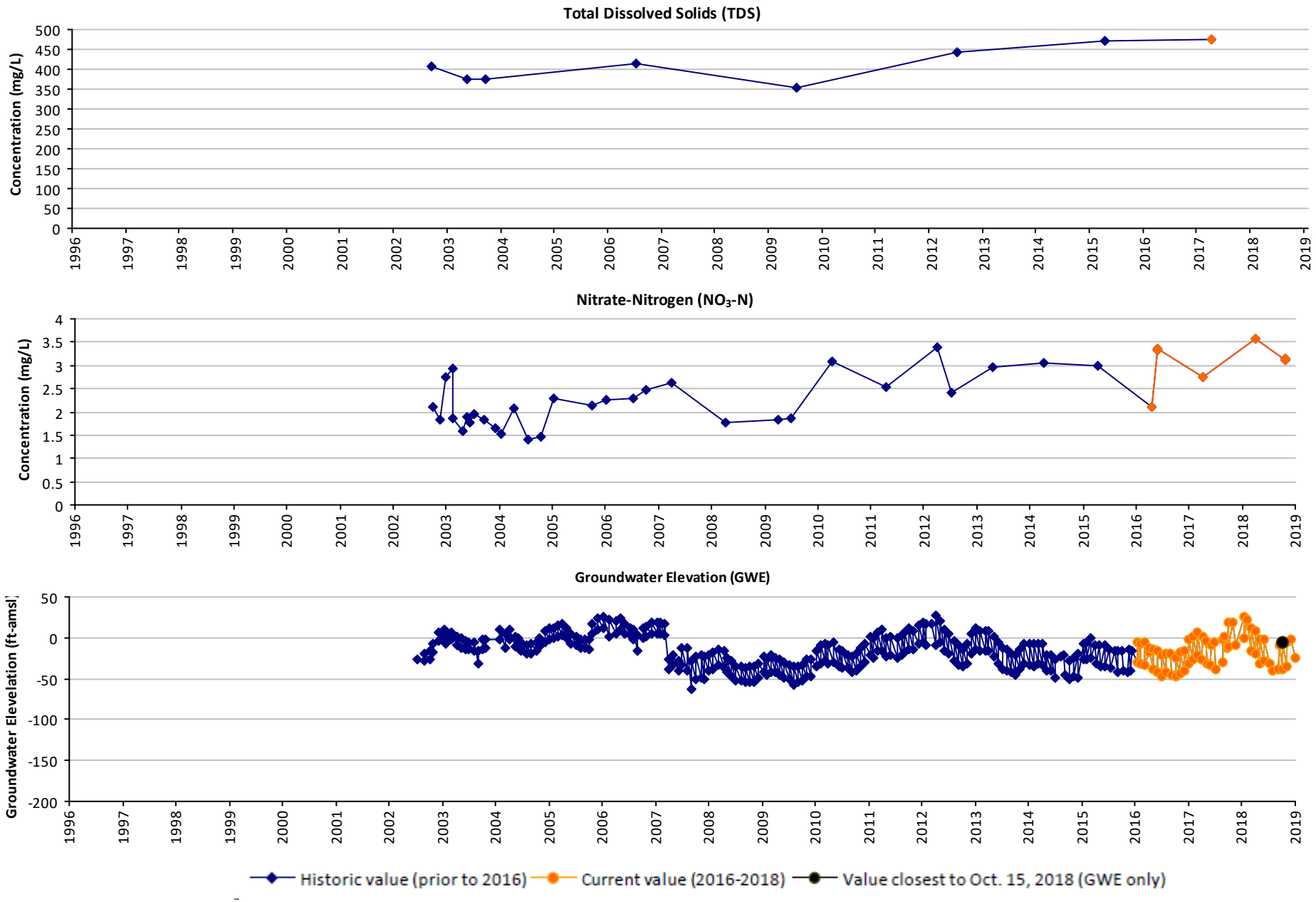
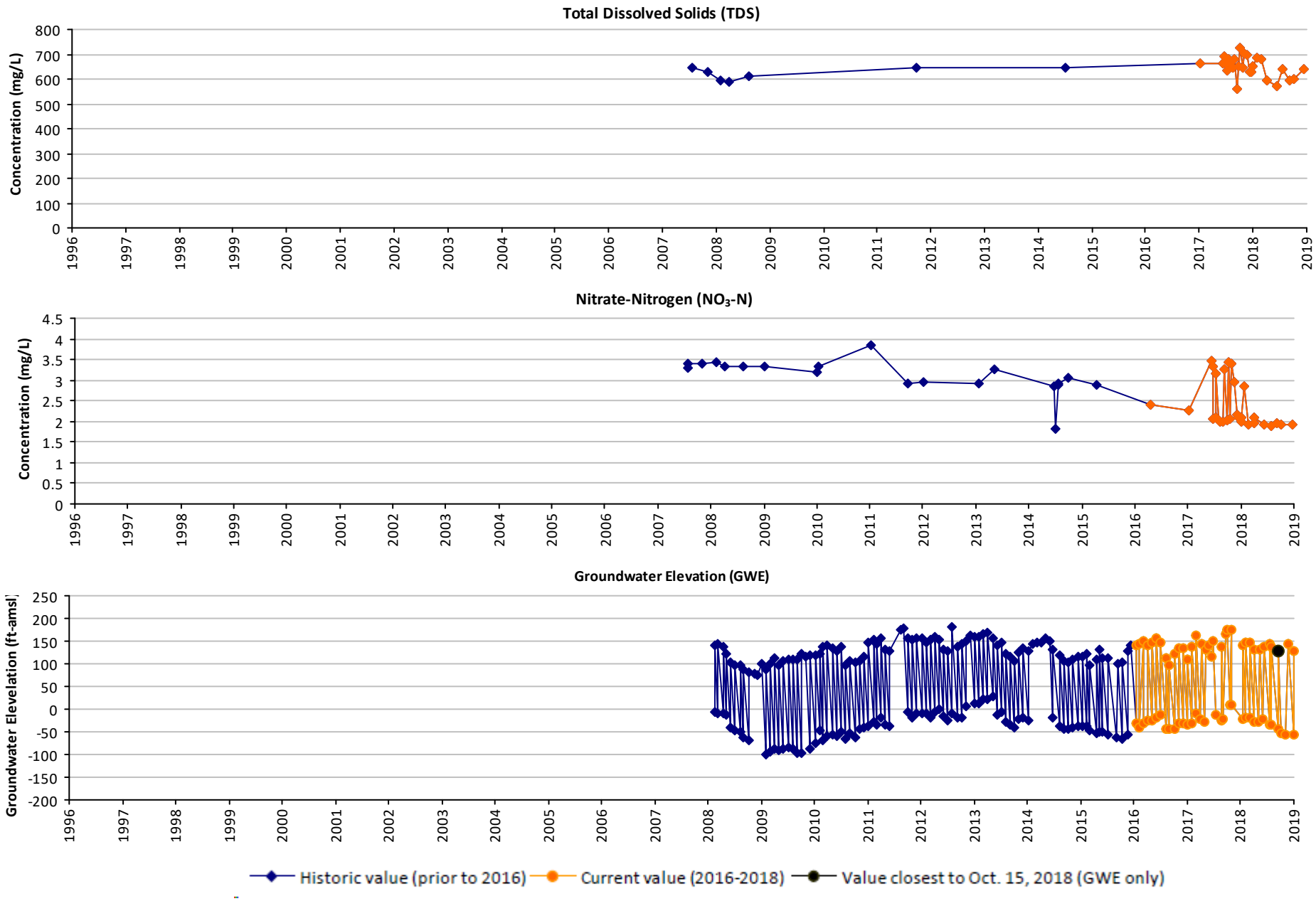

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

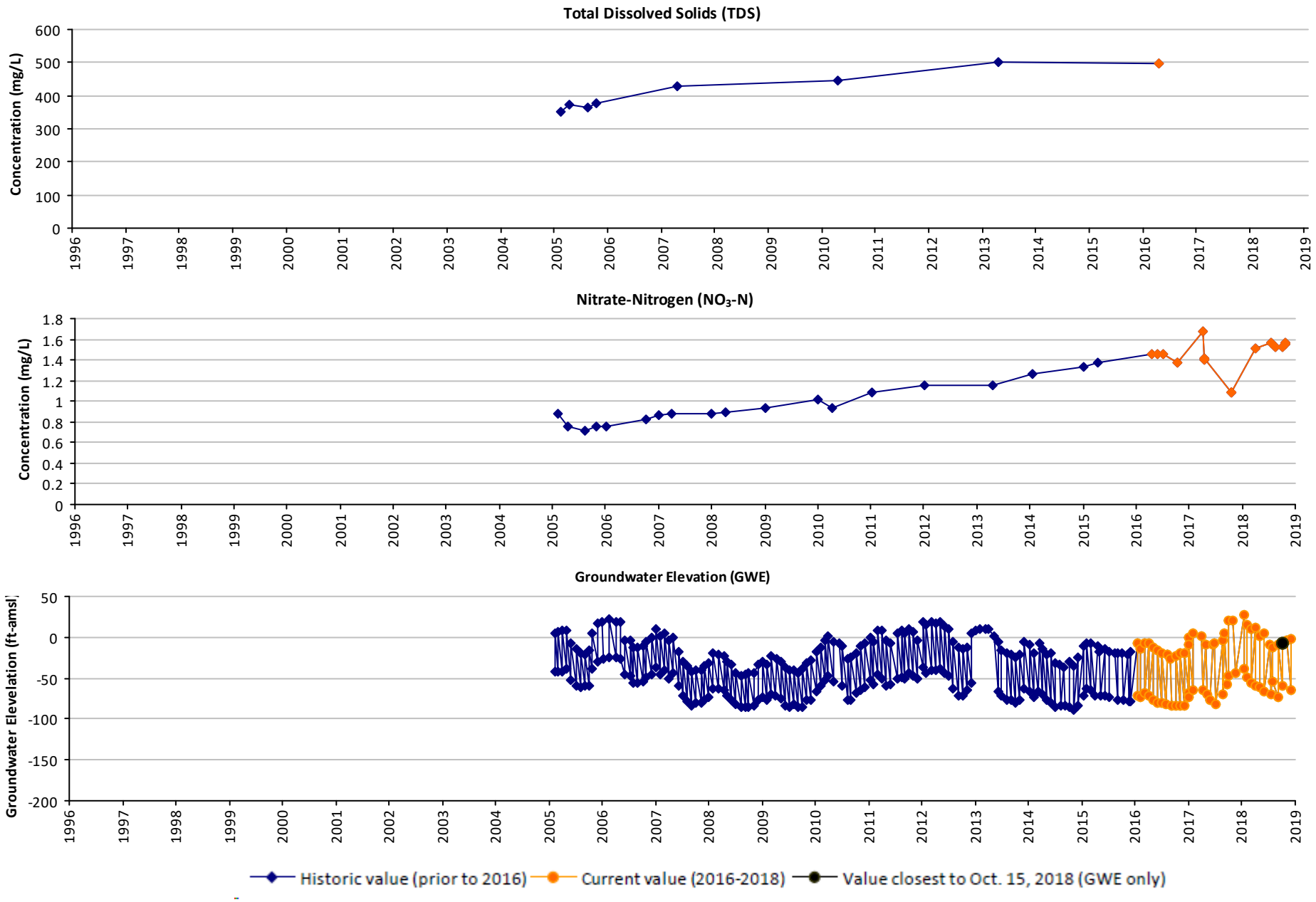

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

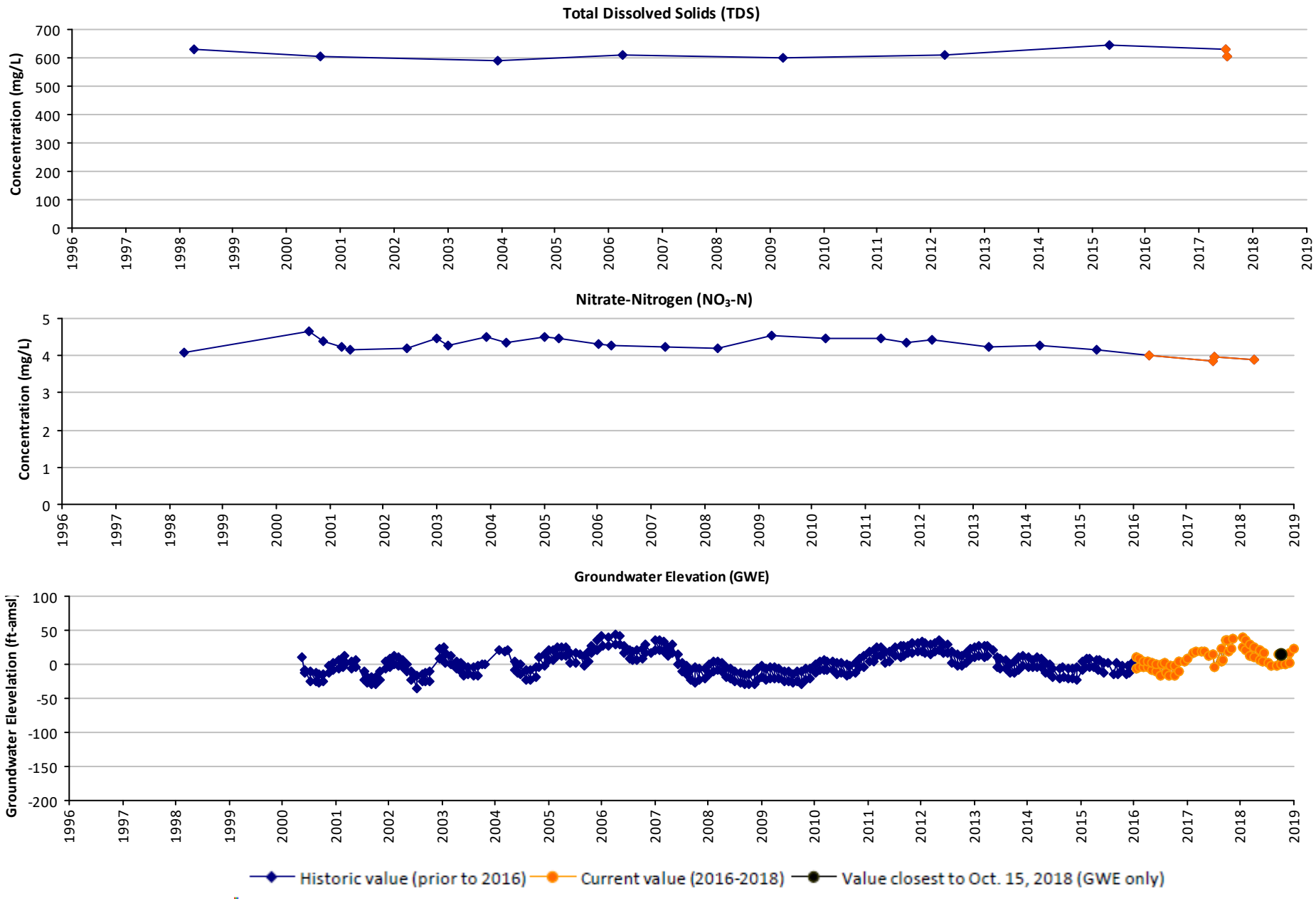

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

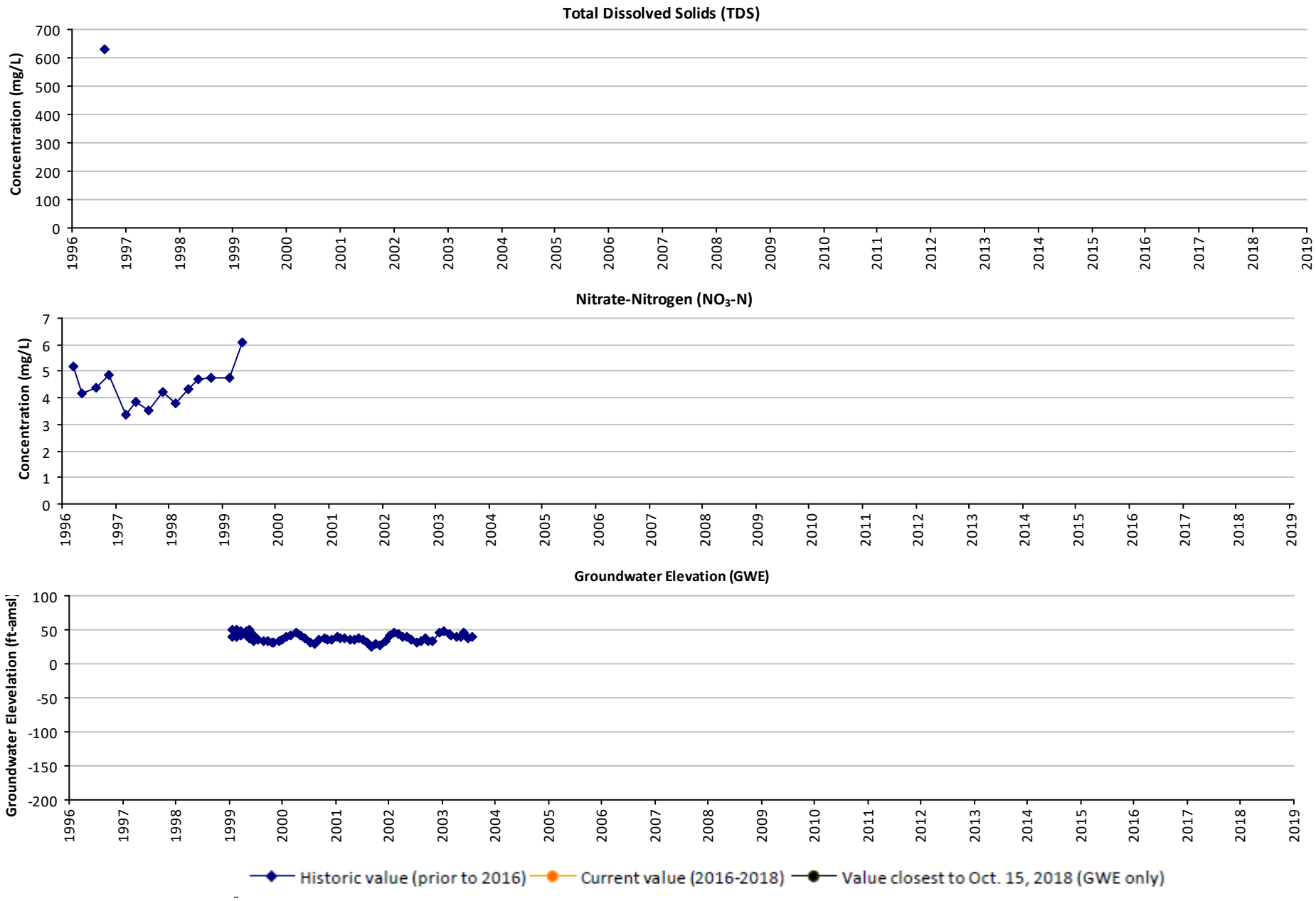

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

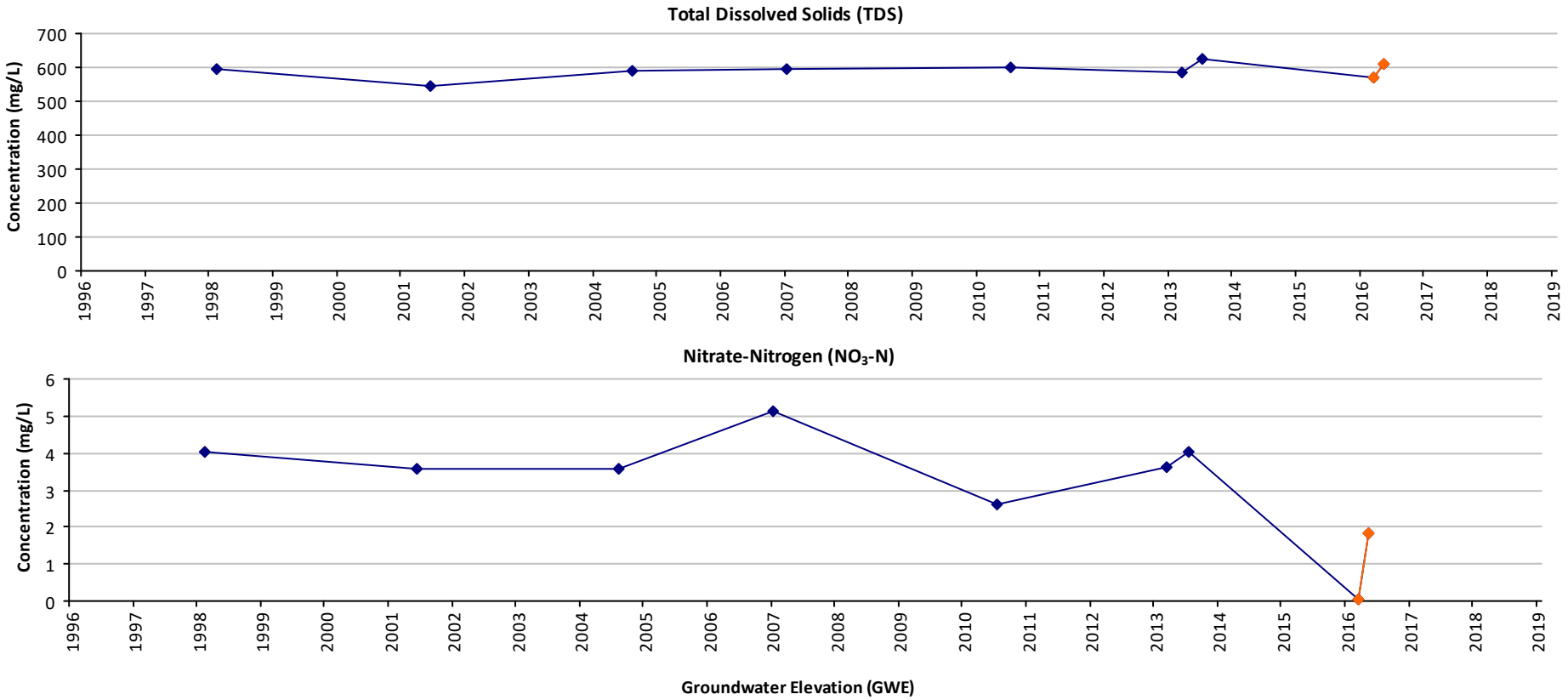

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

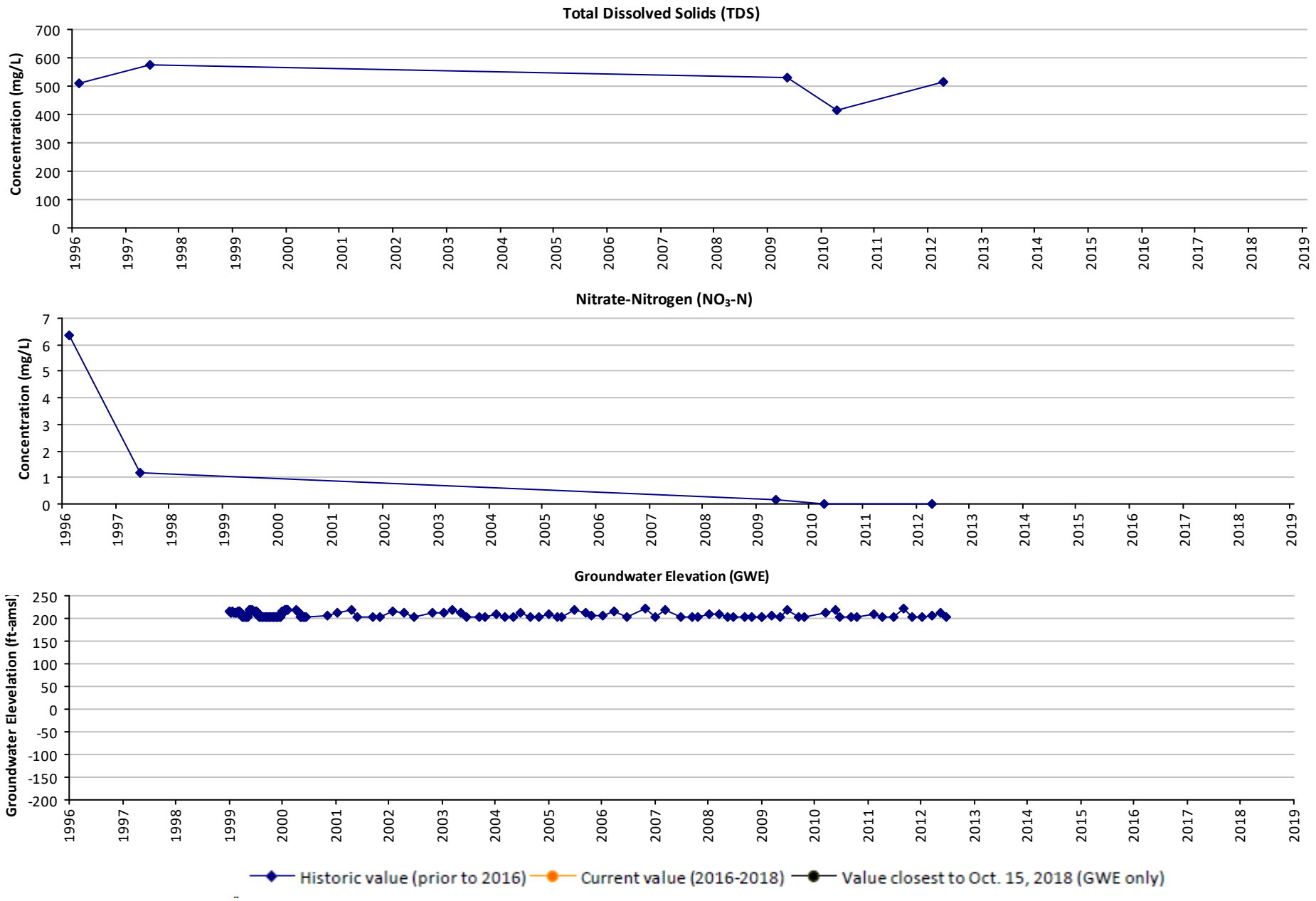

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

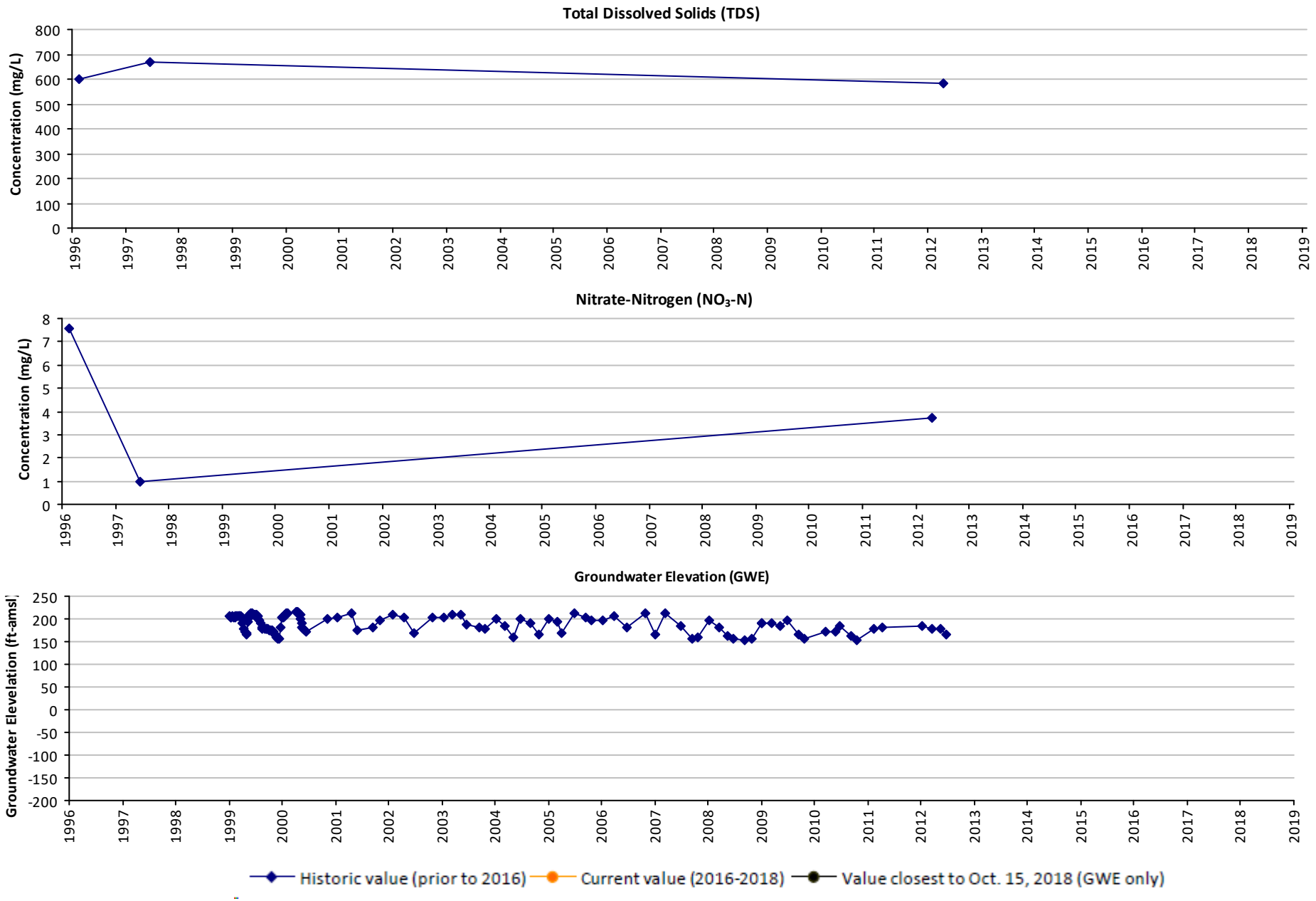

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

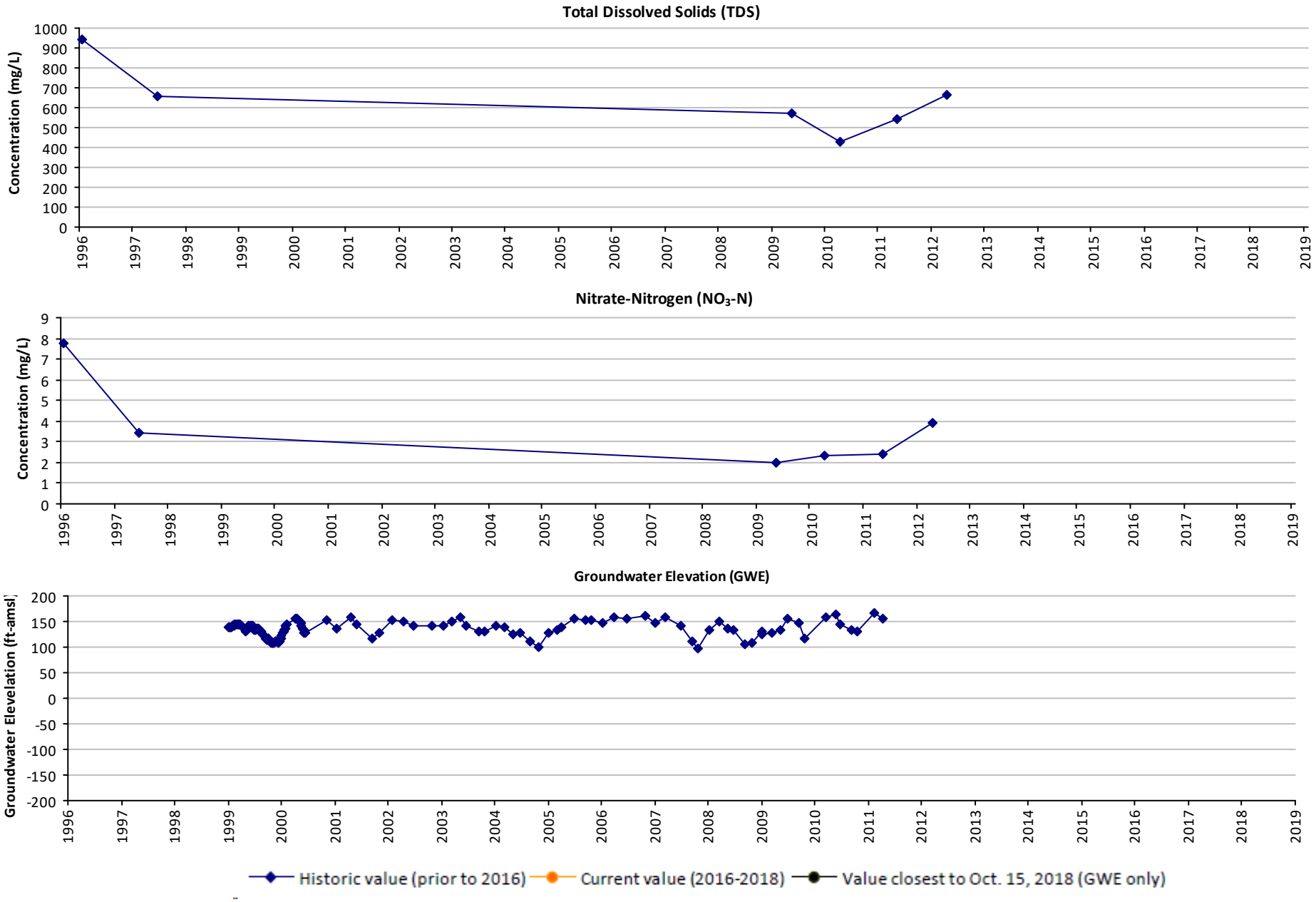


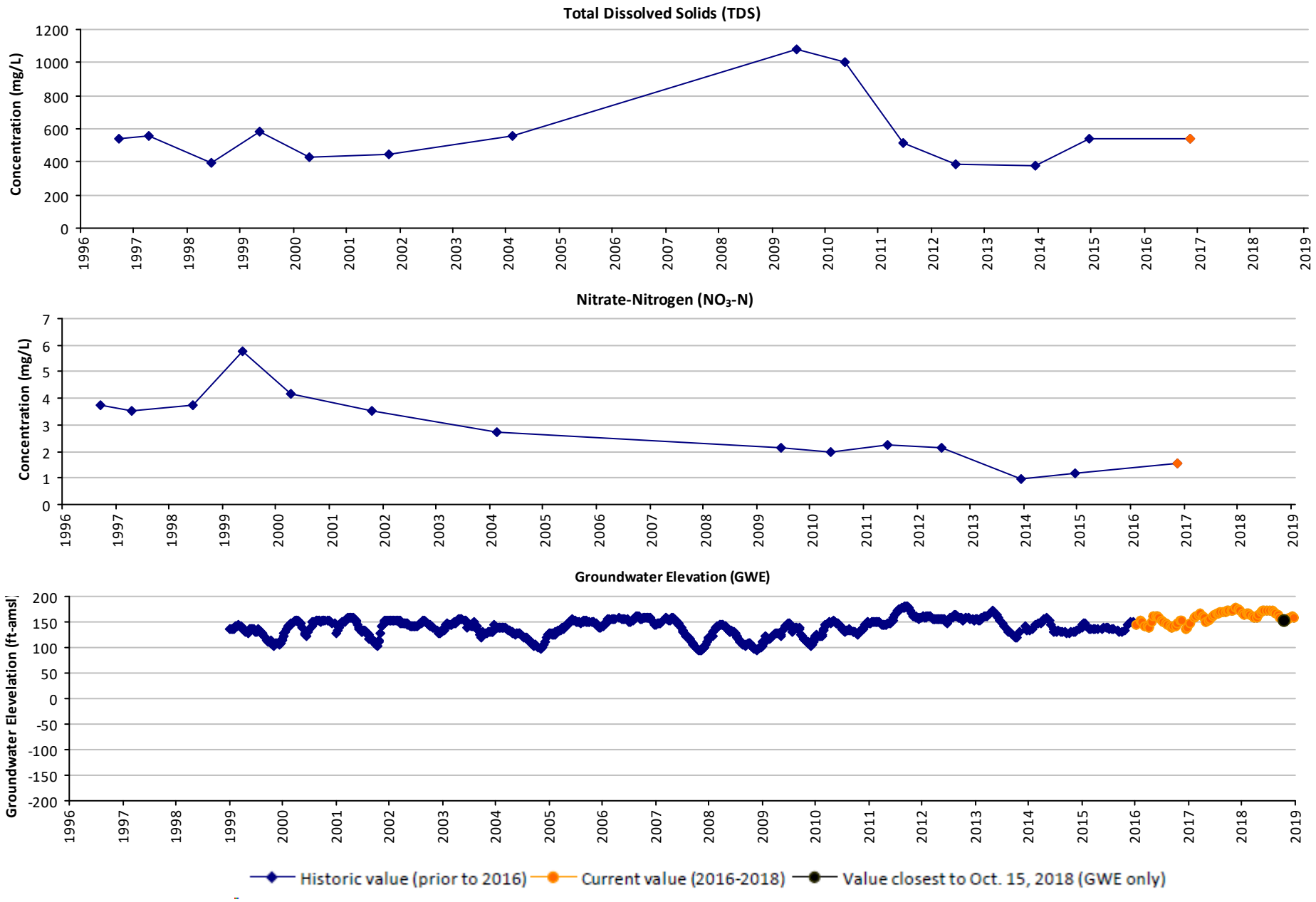
Groundwater Elevation (GWE)

Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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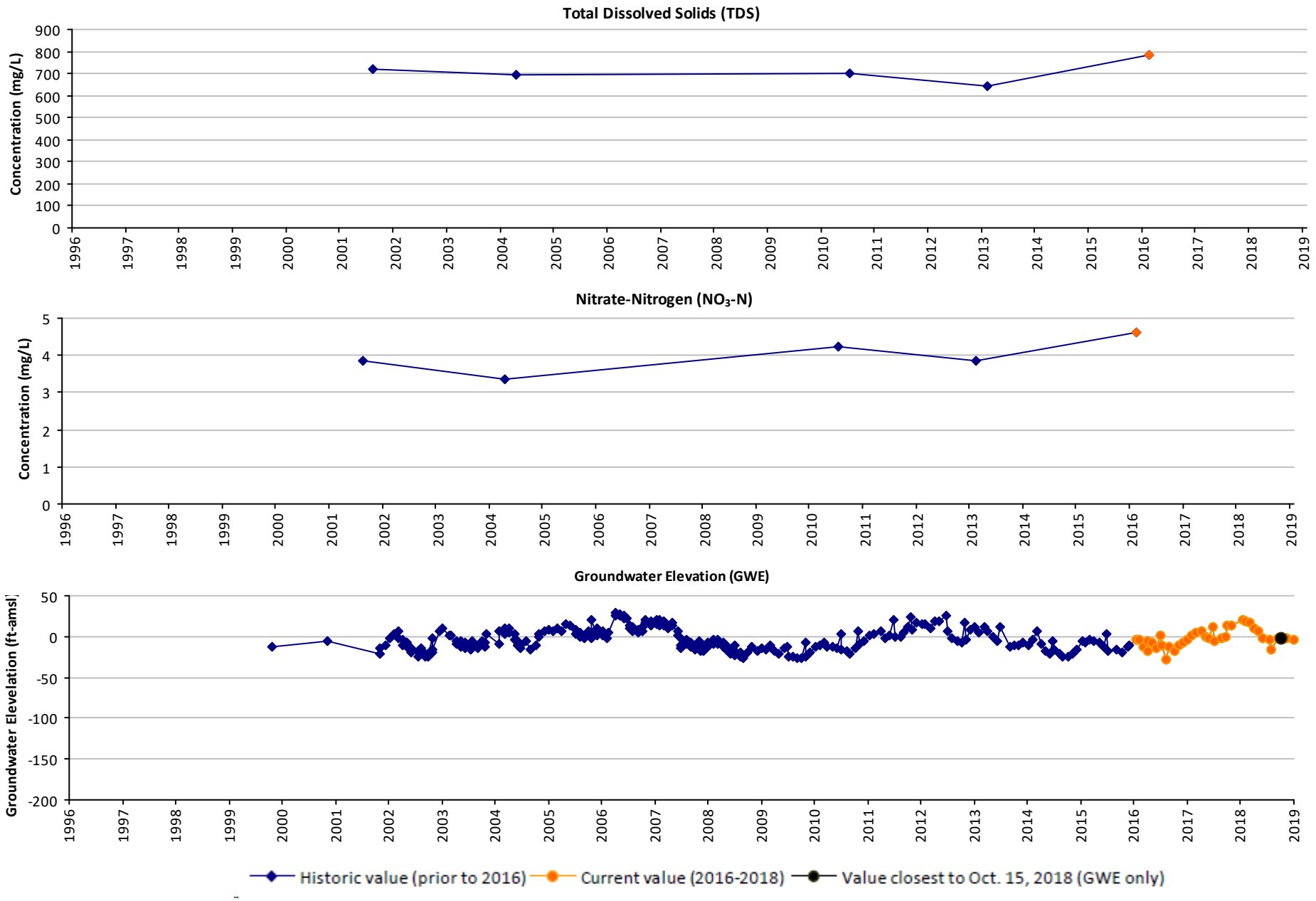
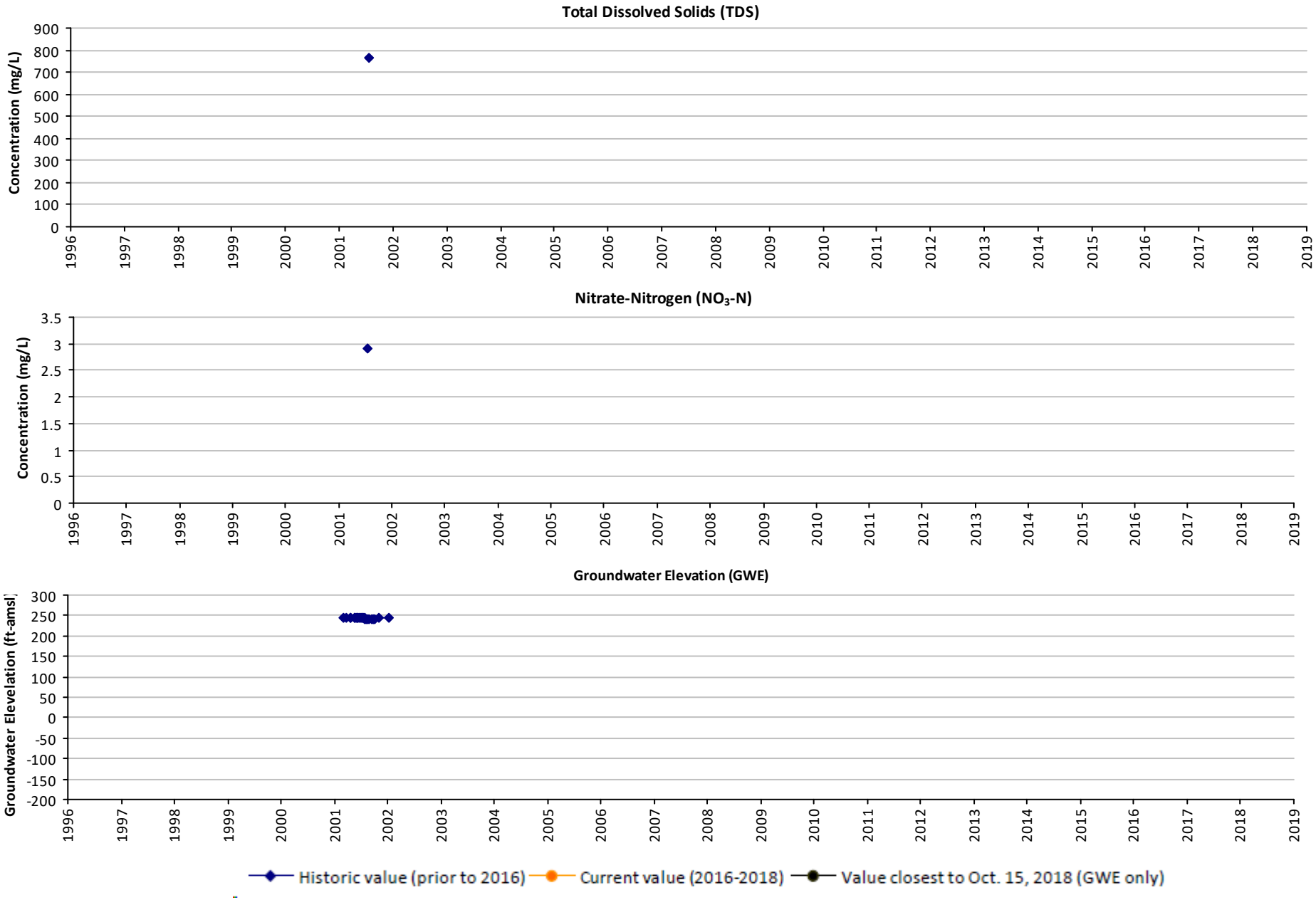
Value closest to Oct. 15, 2018 (GWE only)

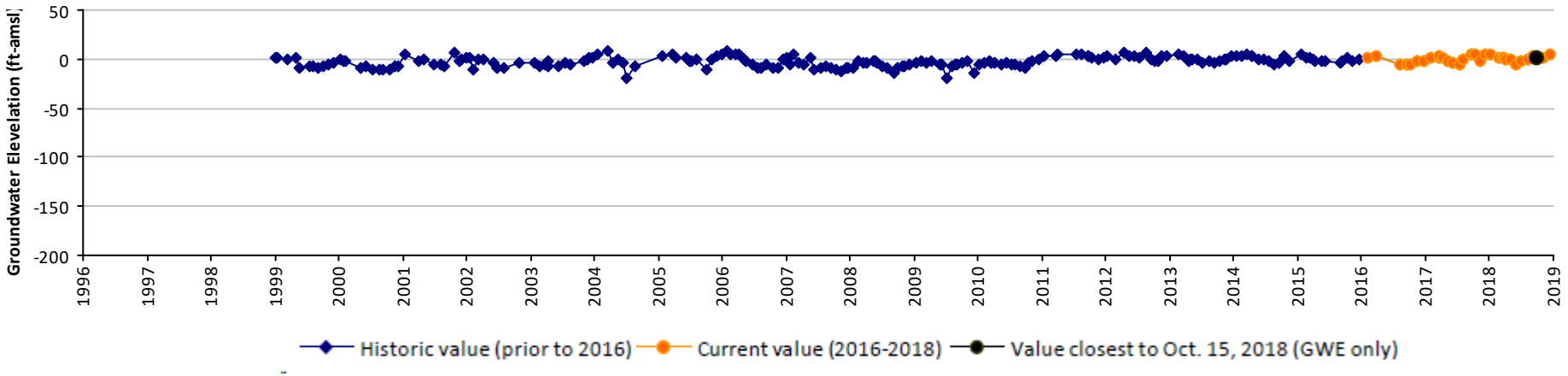

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

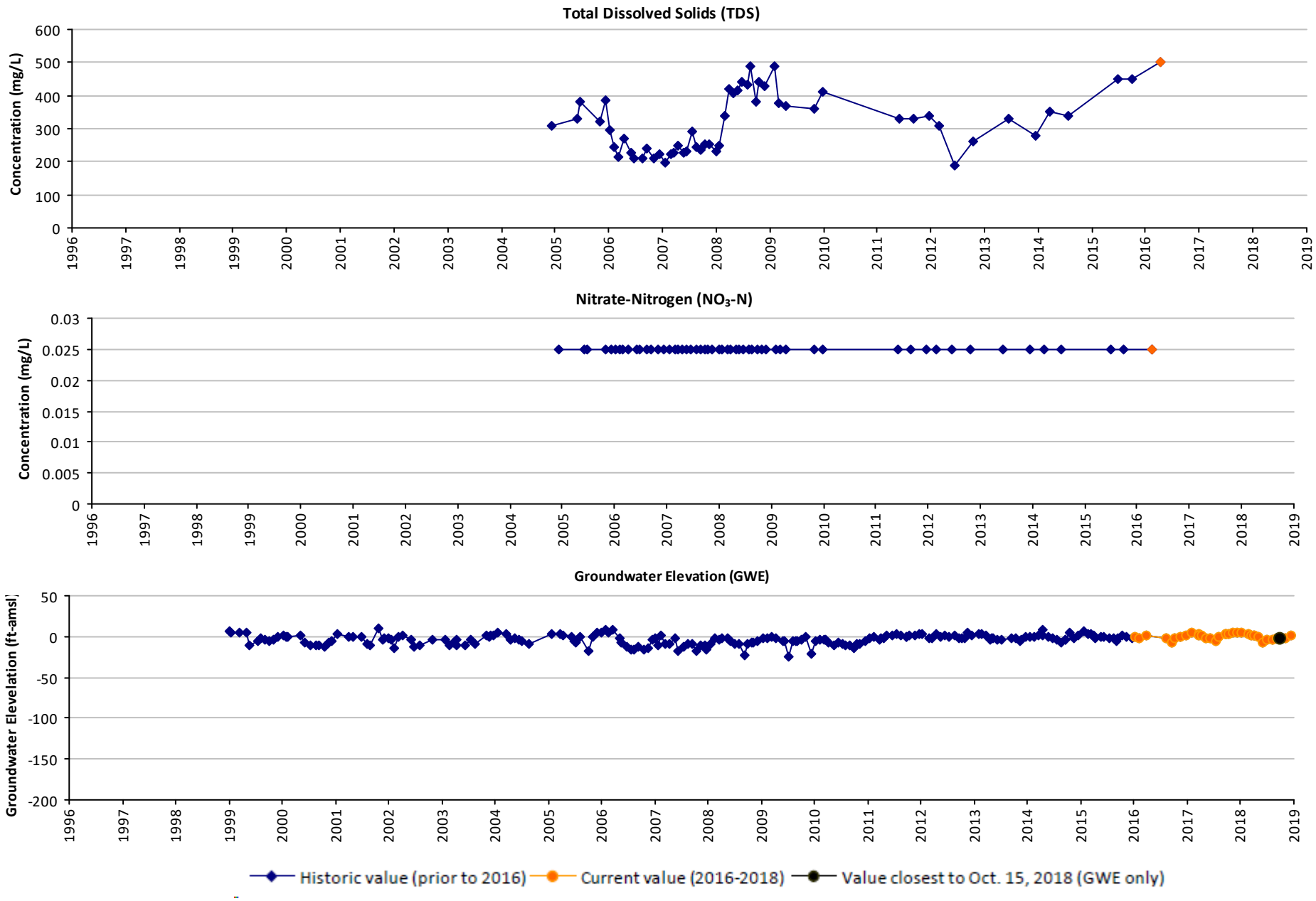

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

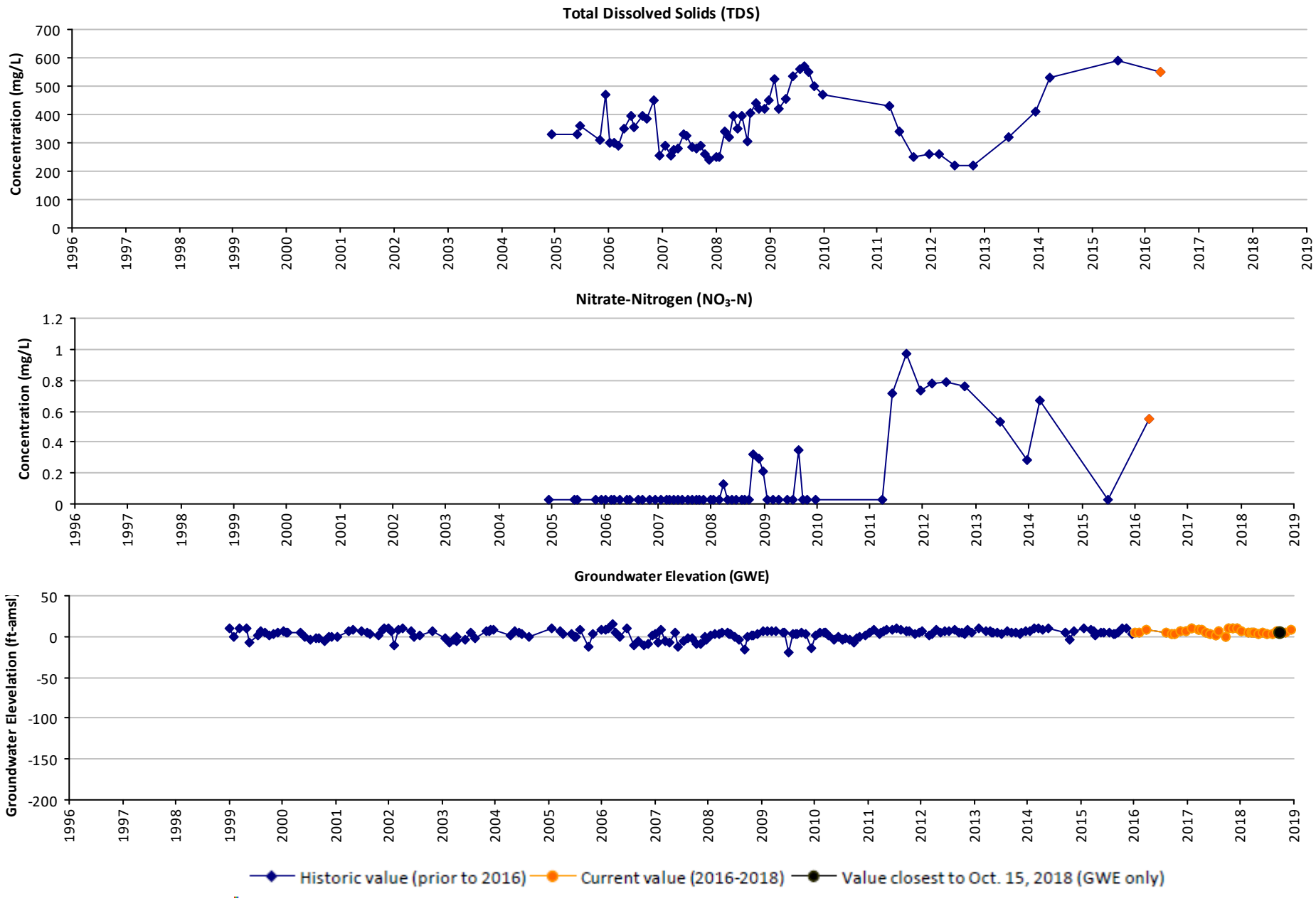
Total Dissolved Solids (TDS)

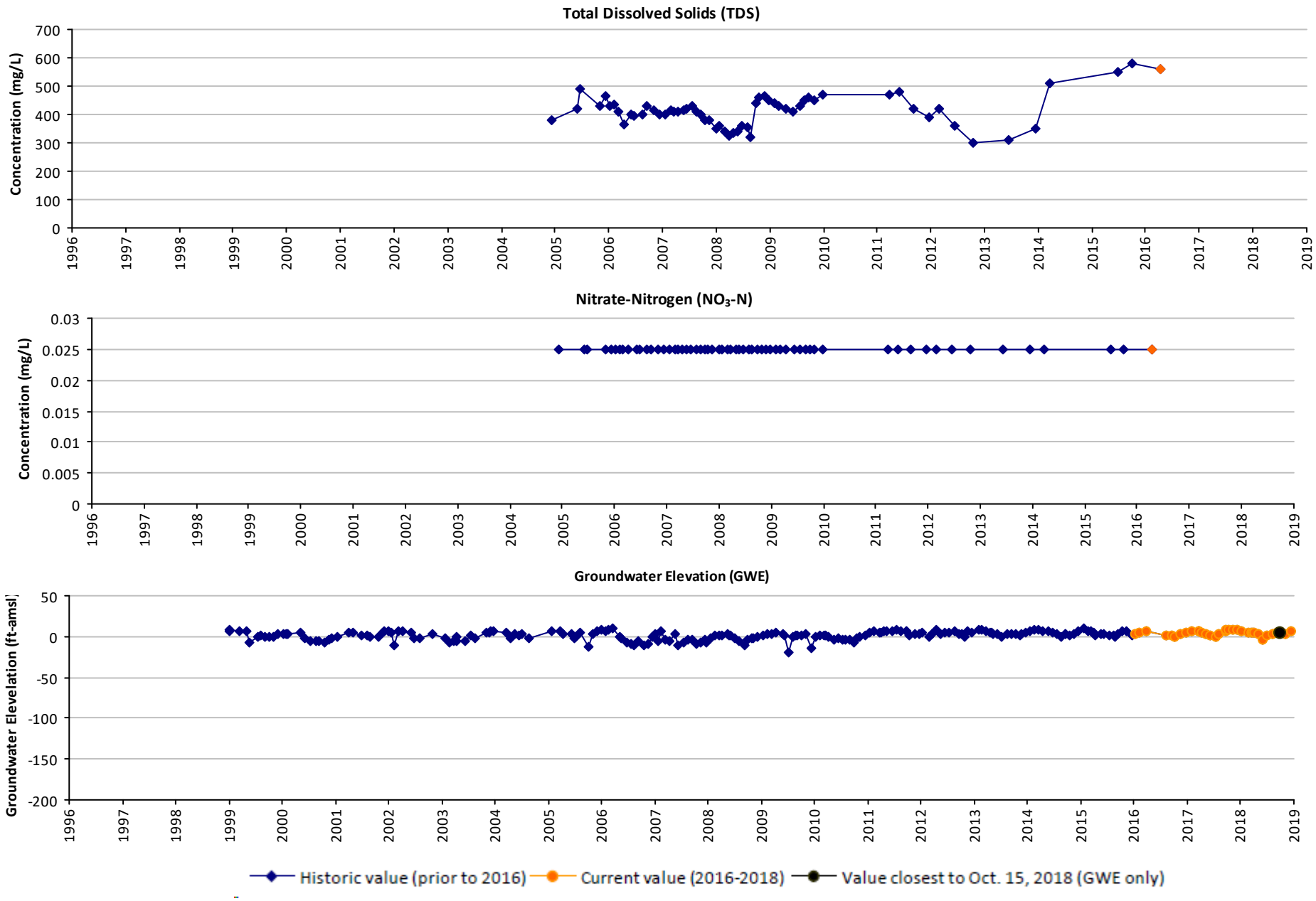
Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

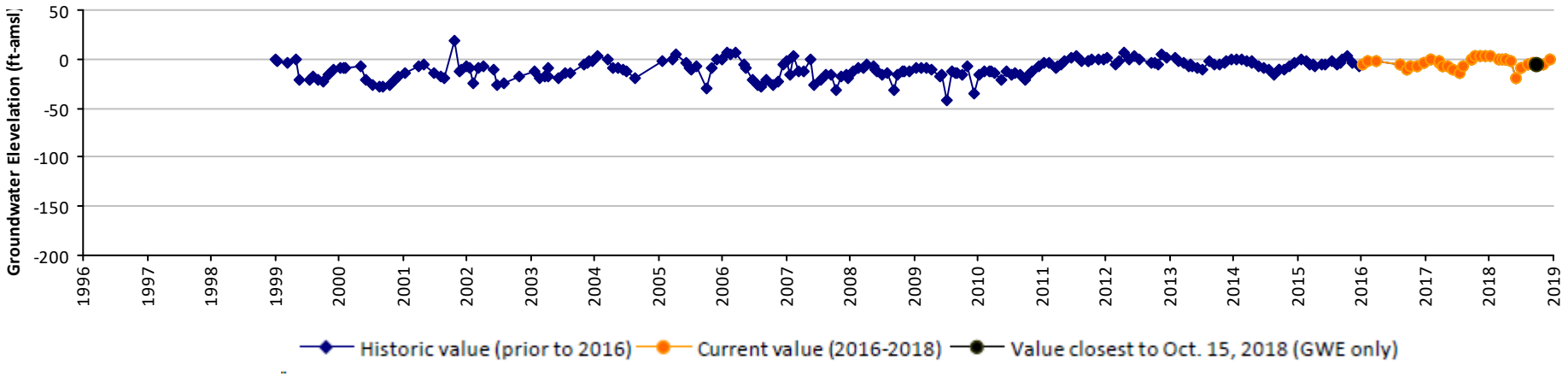

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

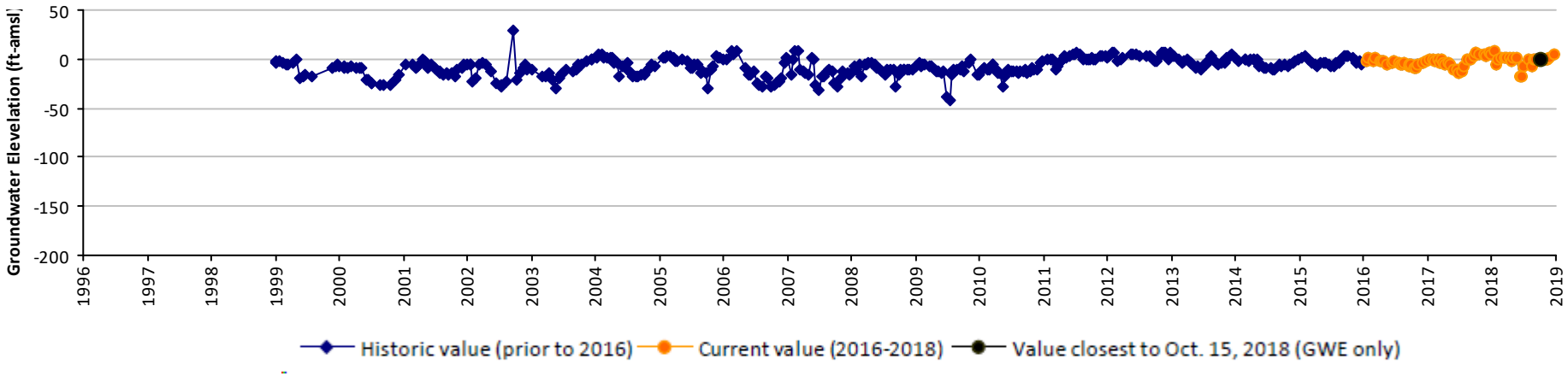
Groundwater Elevation (GWE)

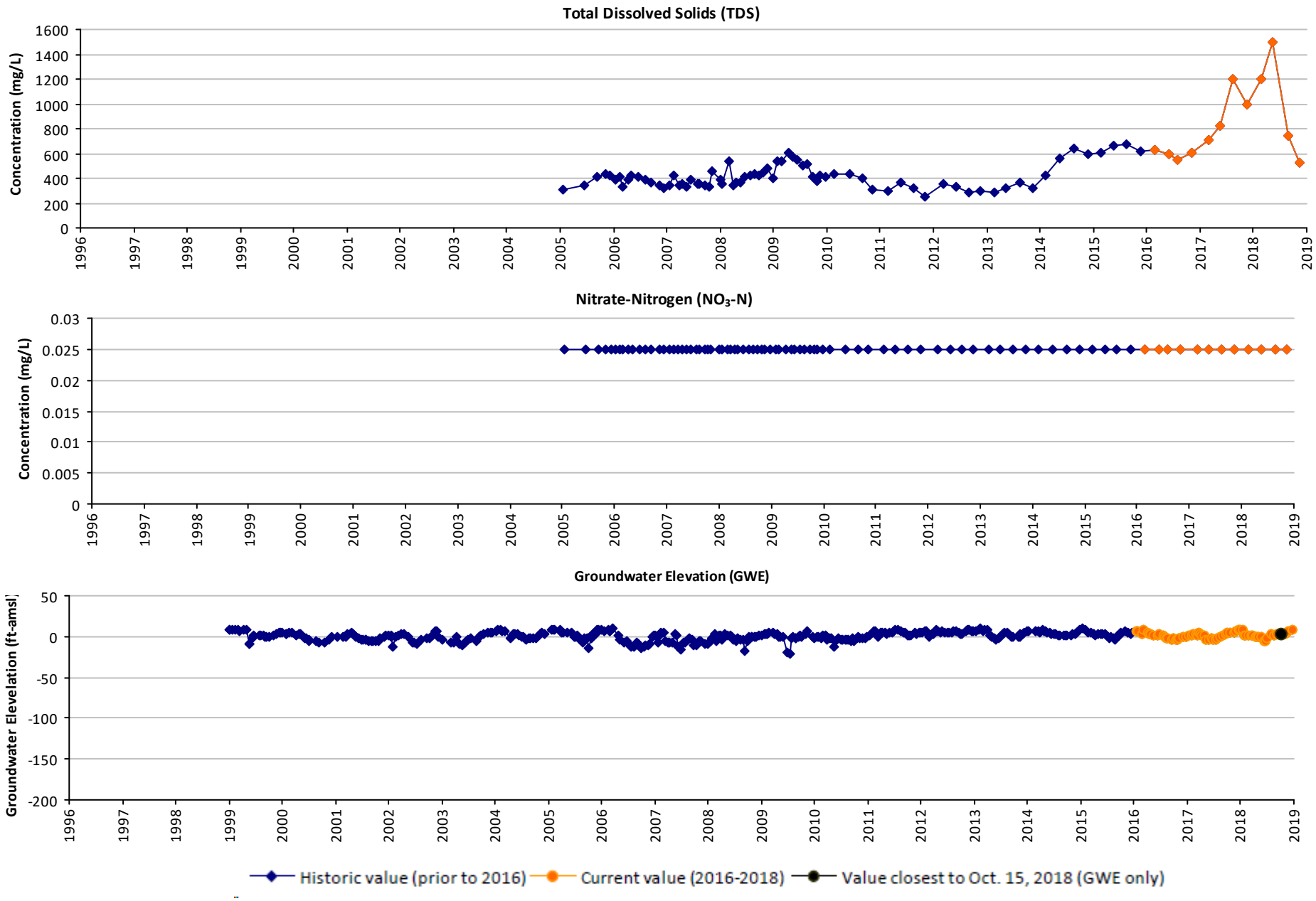


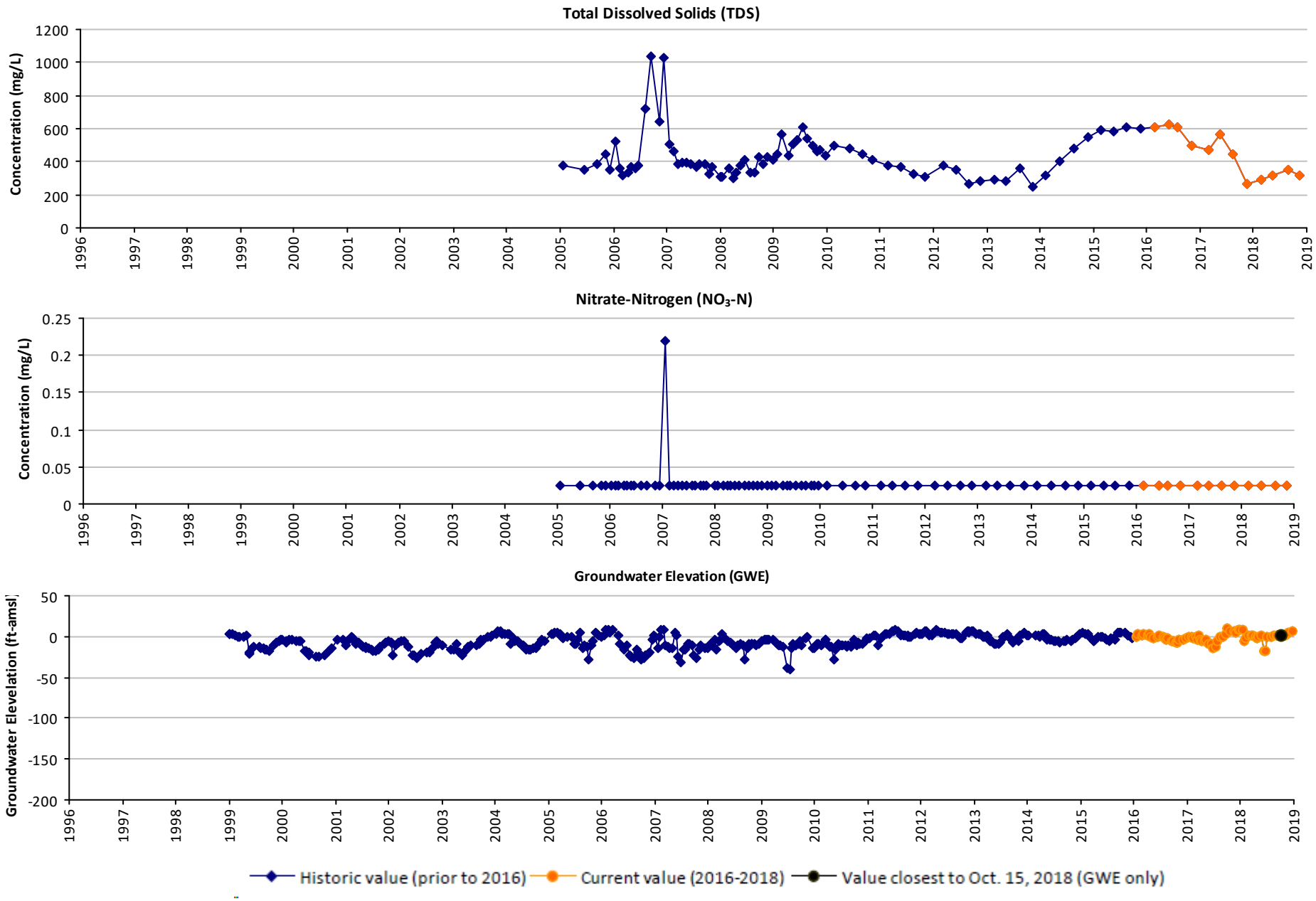
Total Dissolved Solids (TDS)

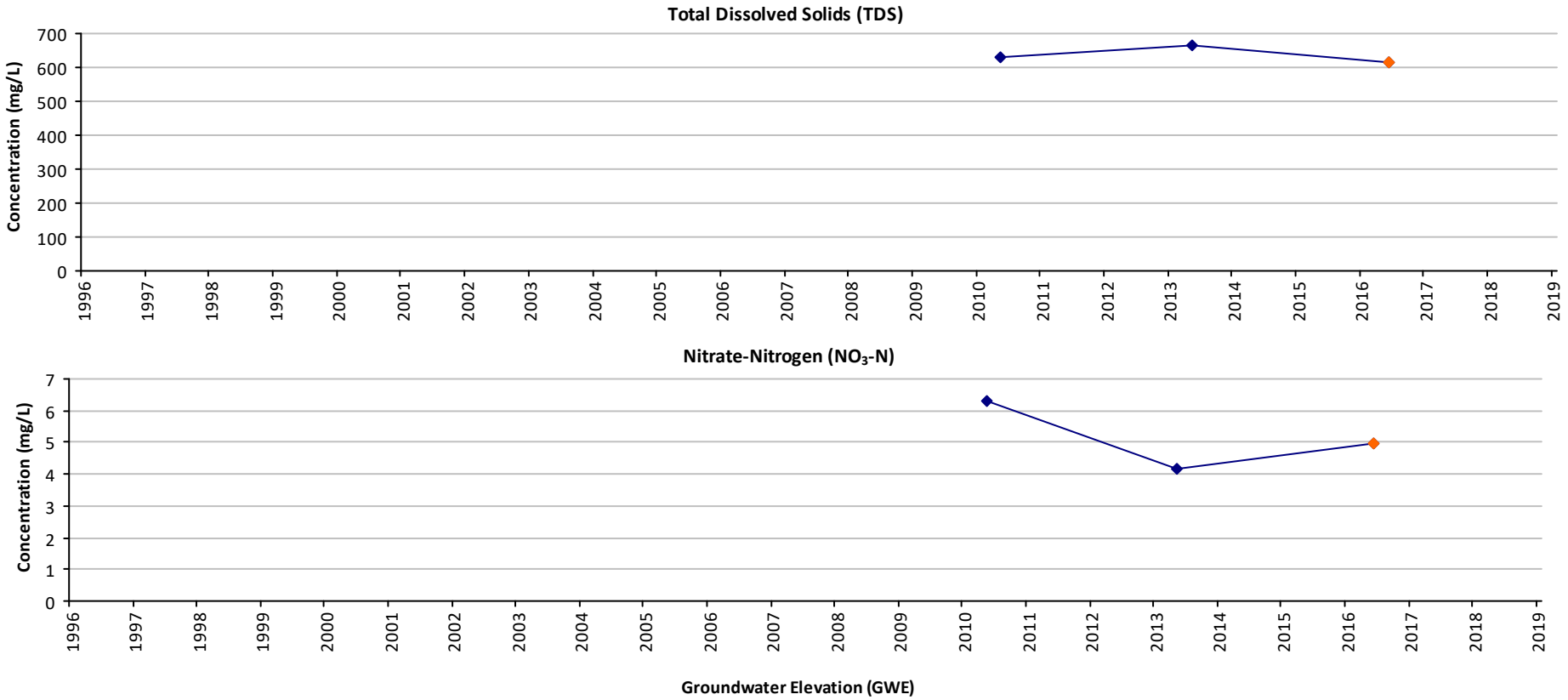
Nitrate-Nitrogen (NO_3-N)

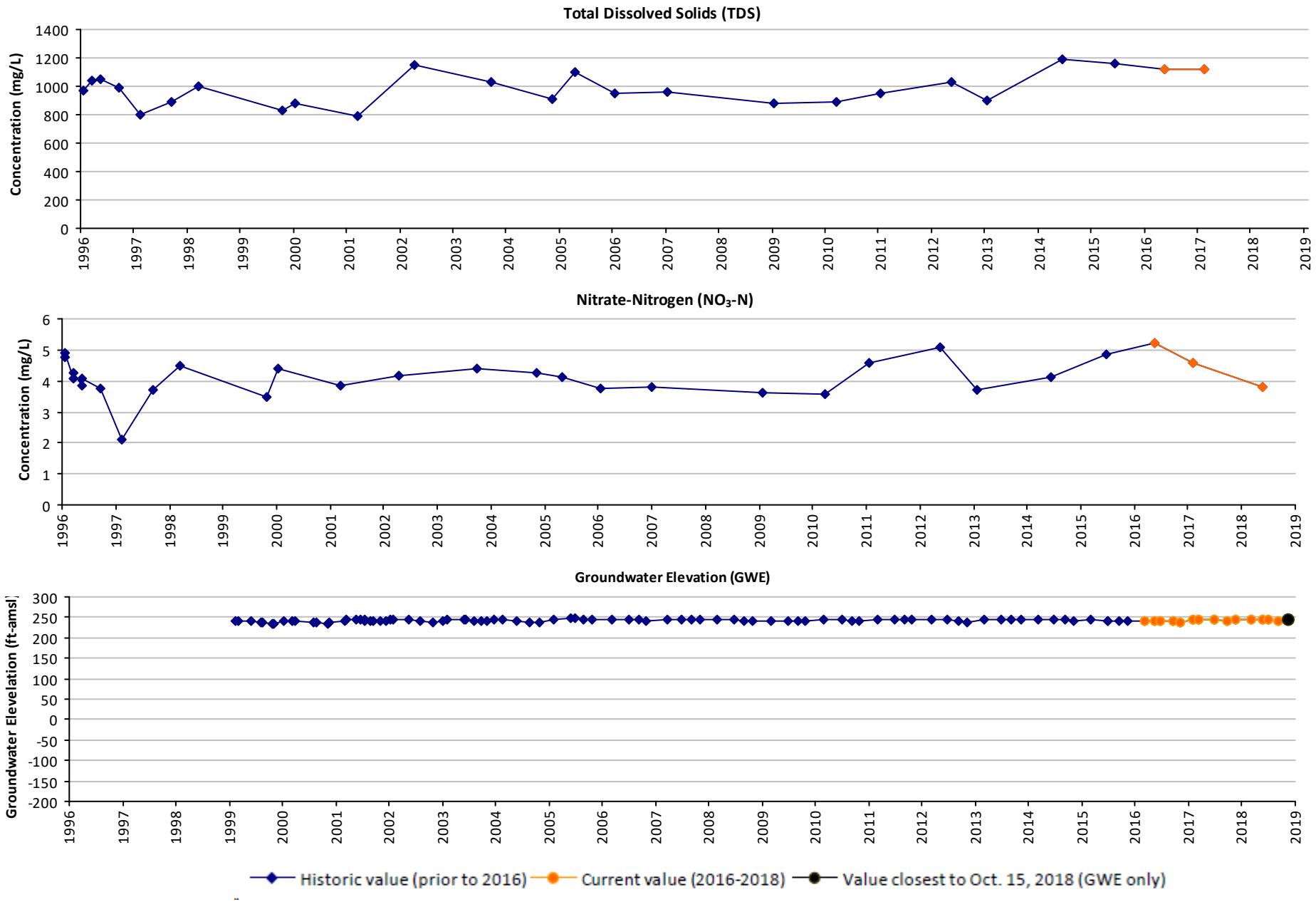
Groundwater Elevation (GWE)

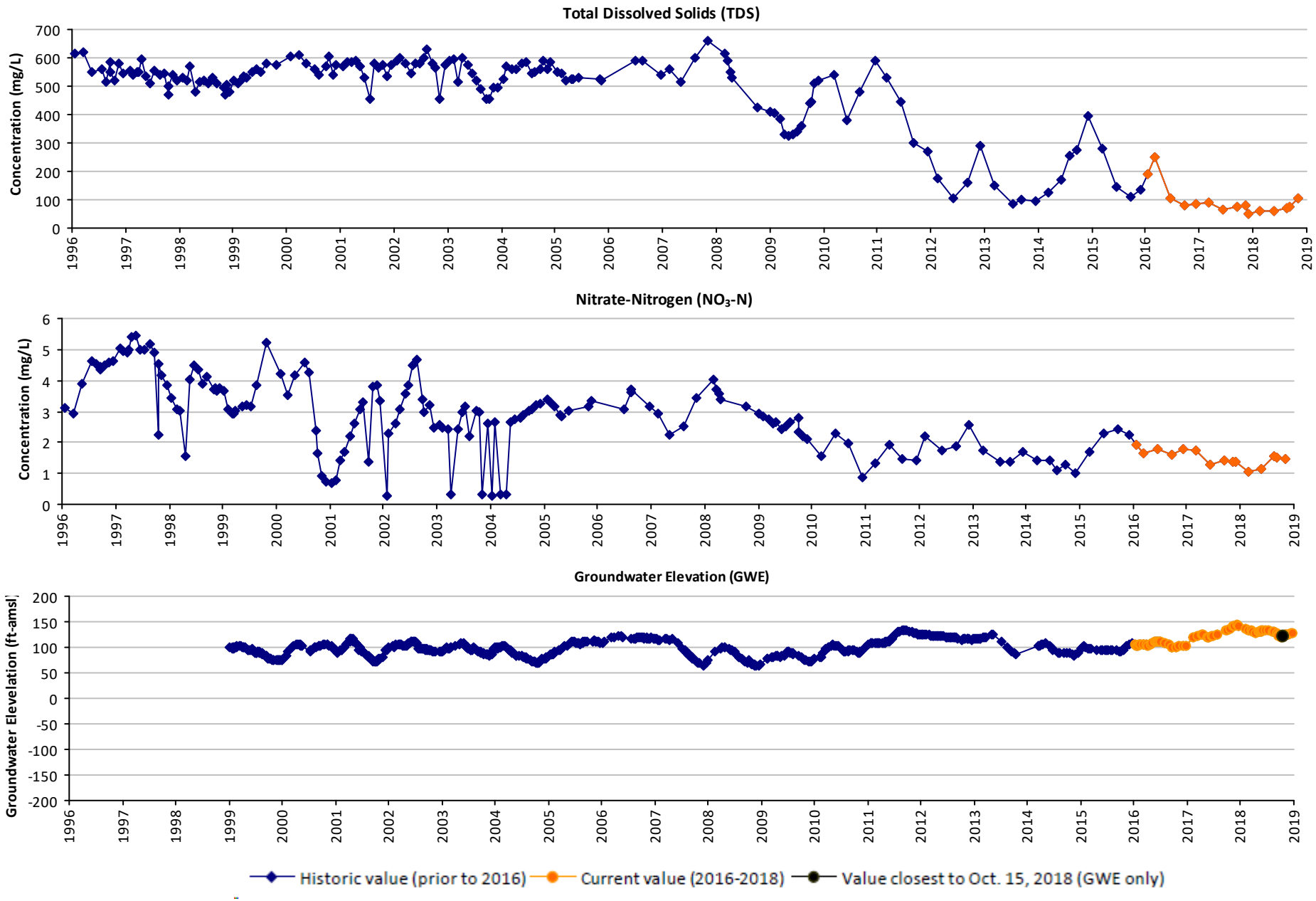


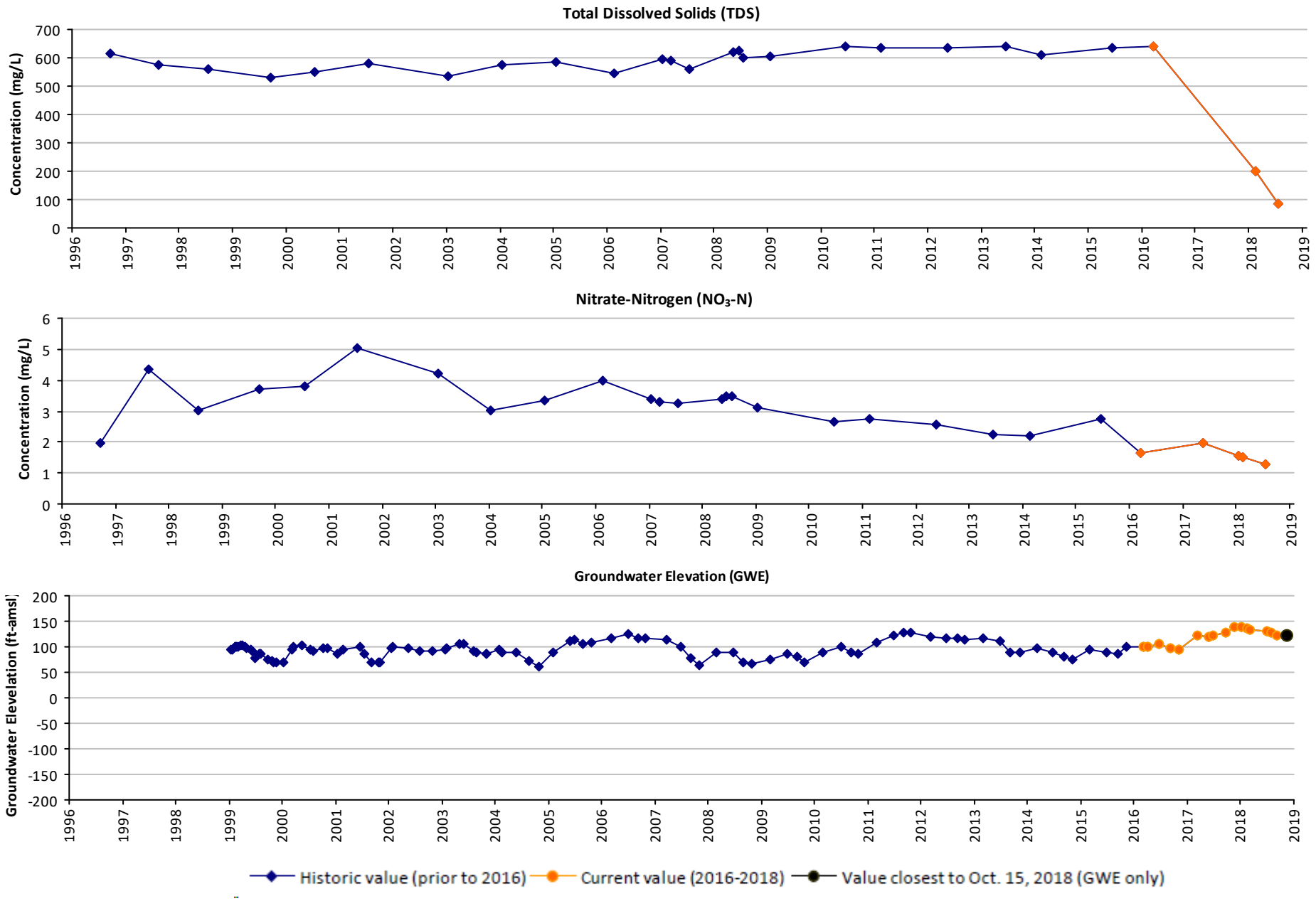

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

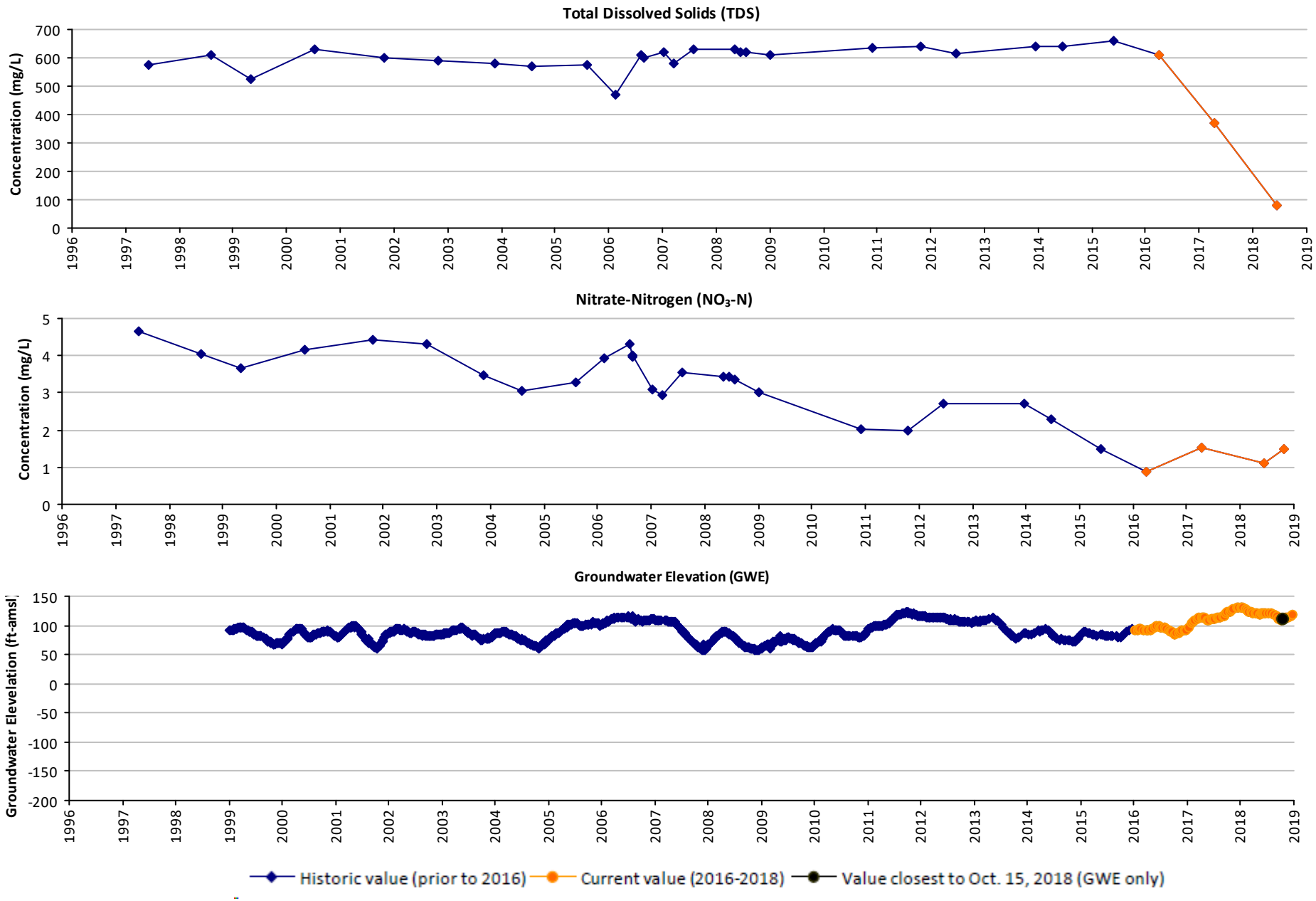

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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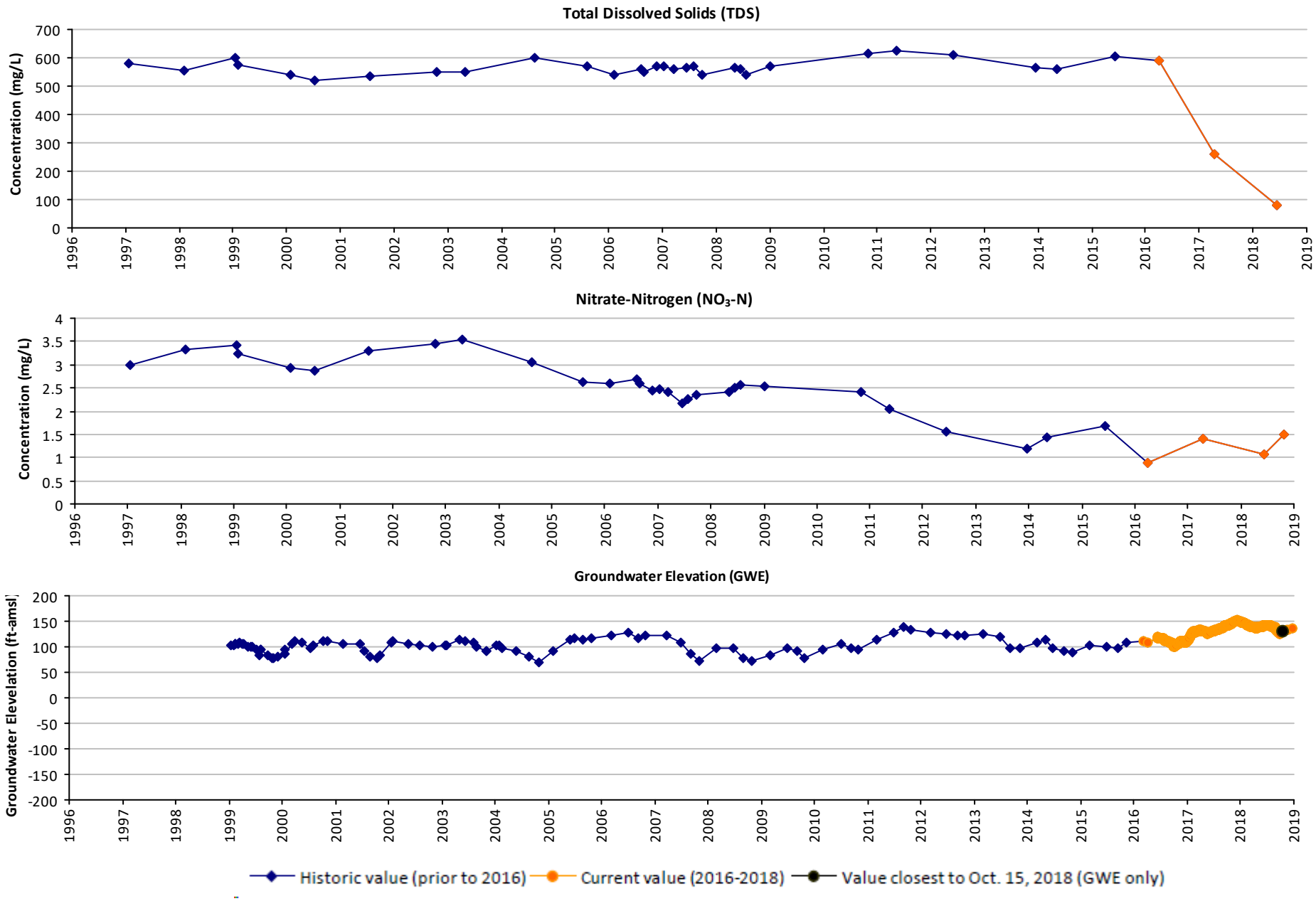
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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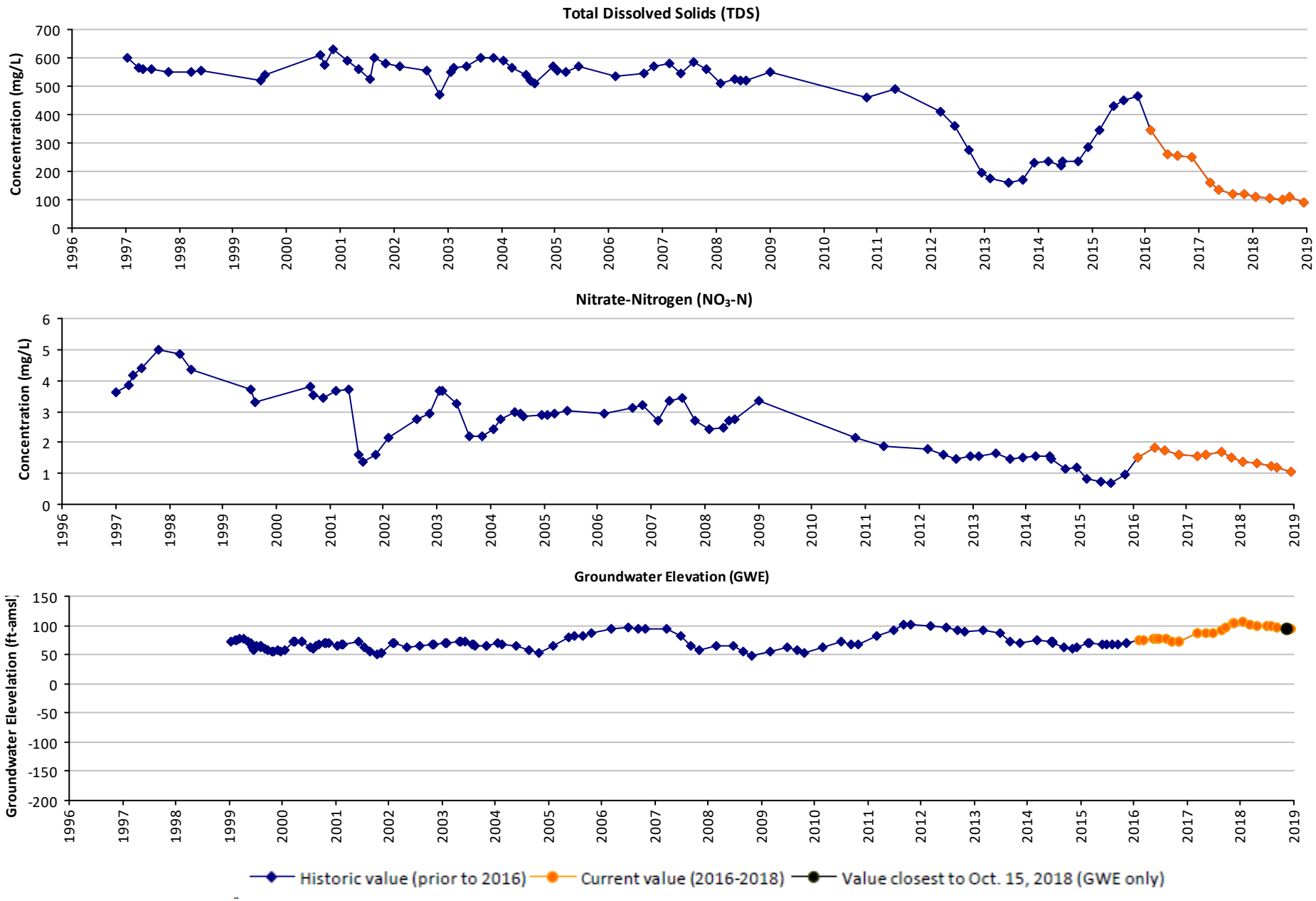
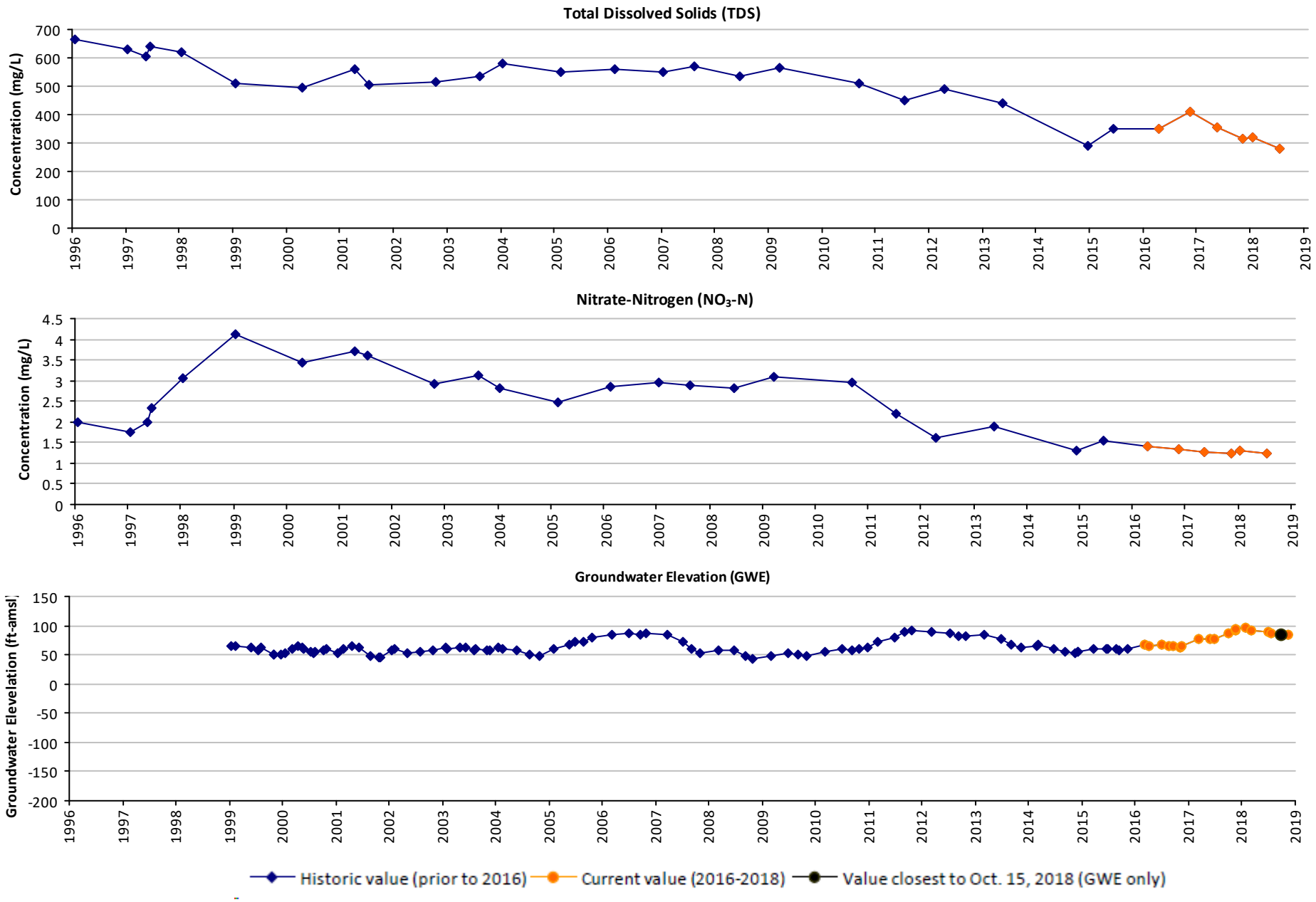
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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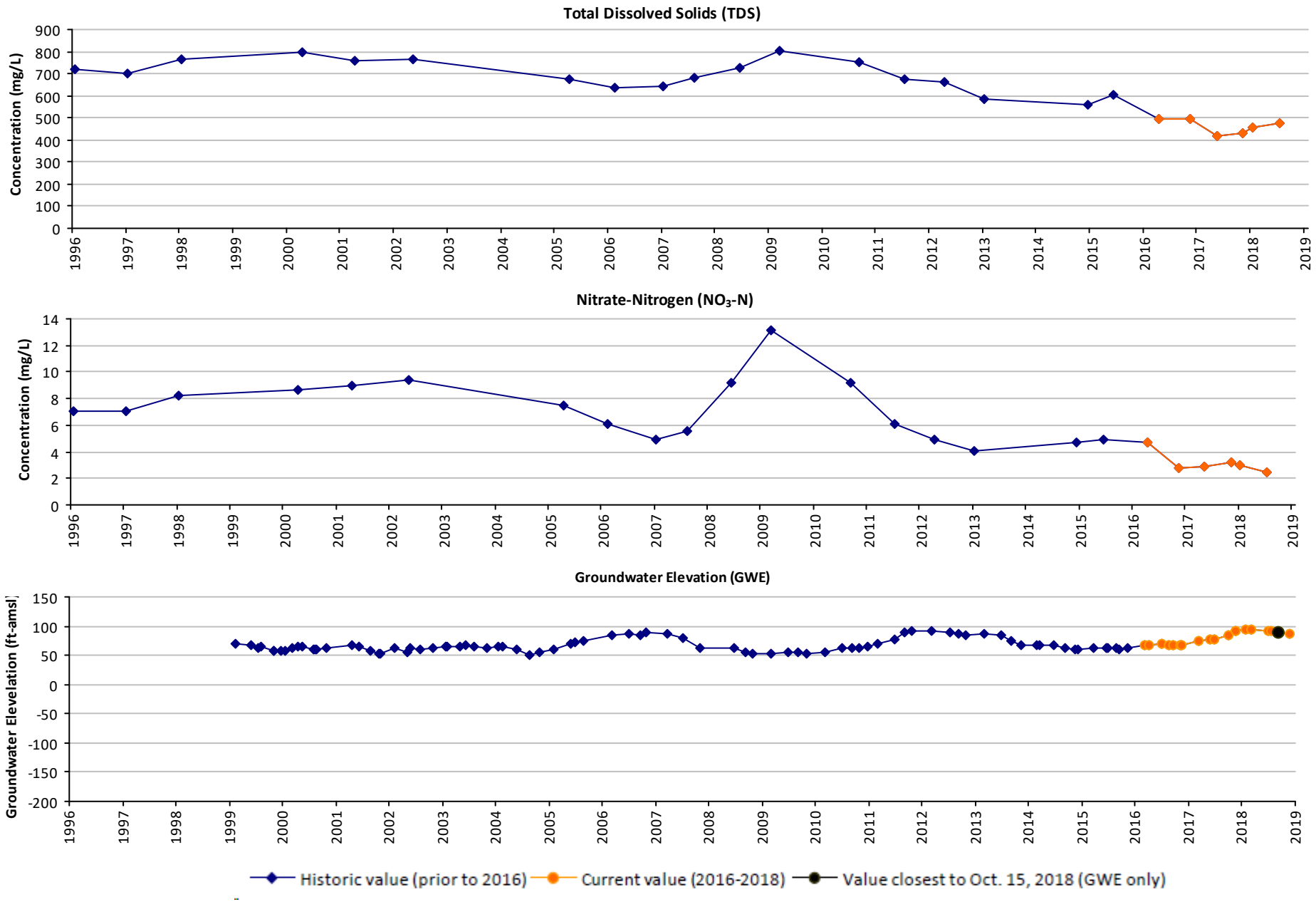
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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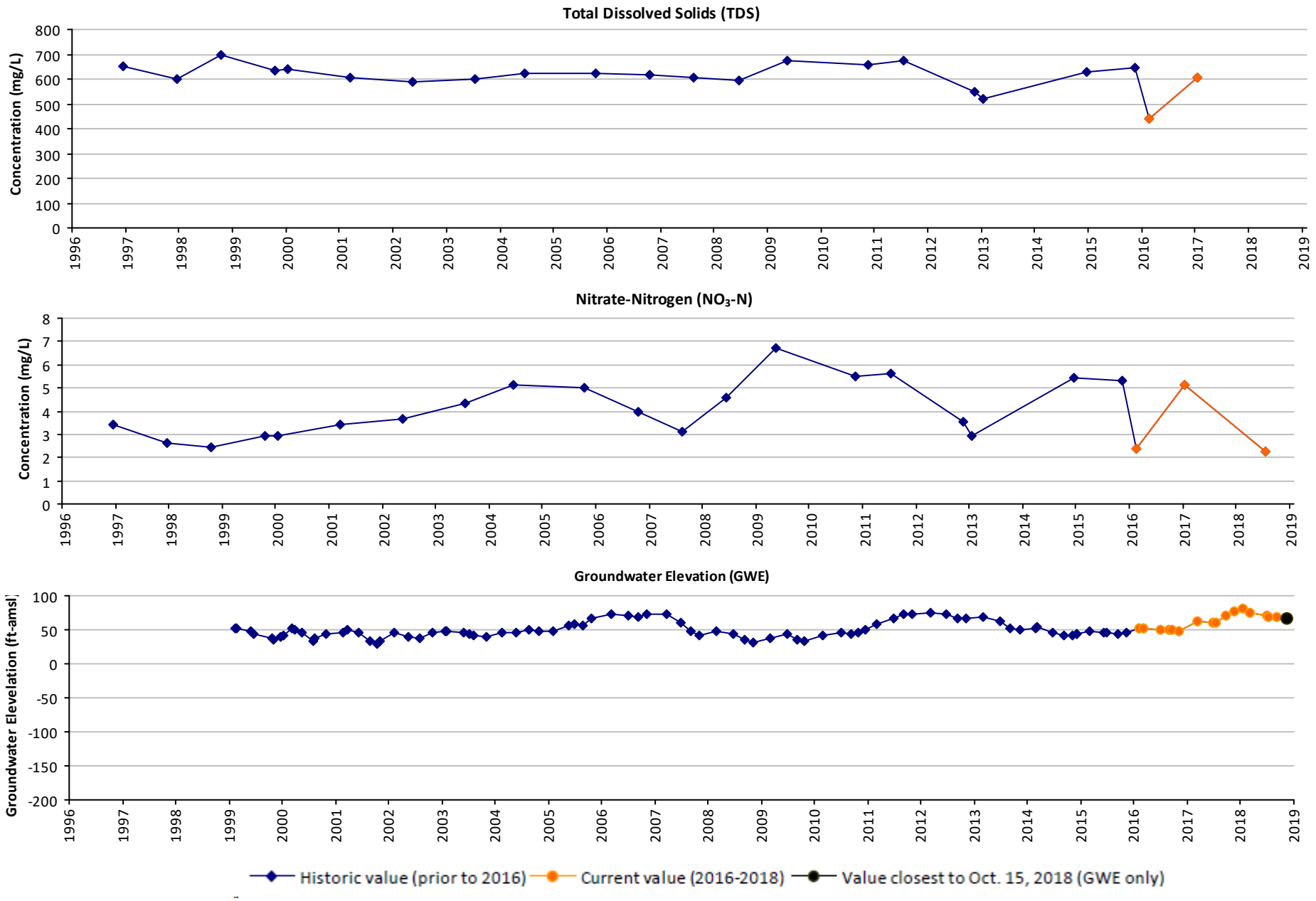
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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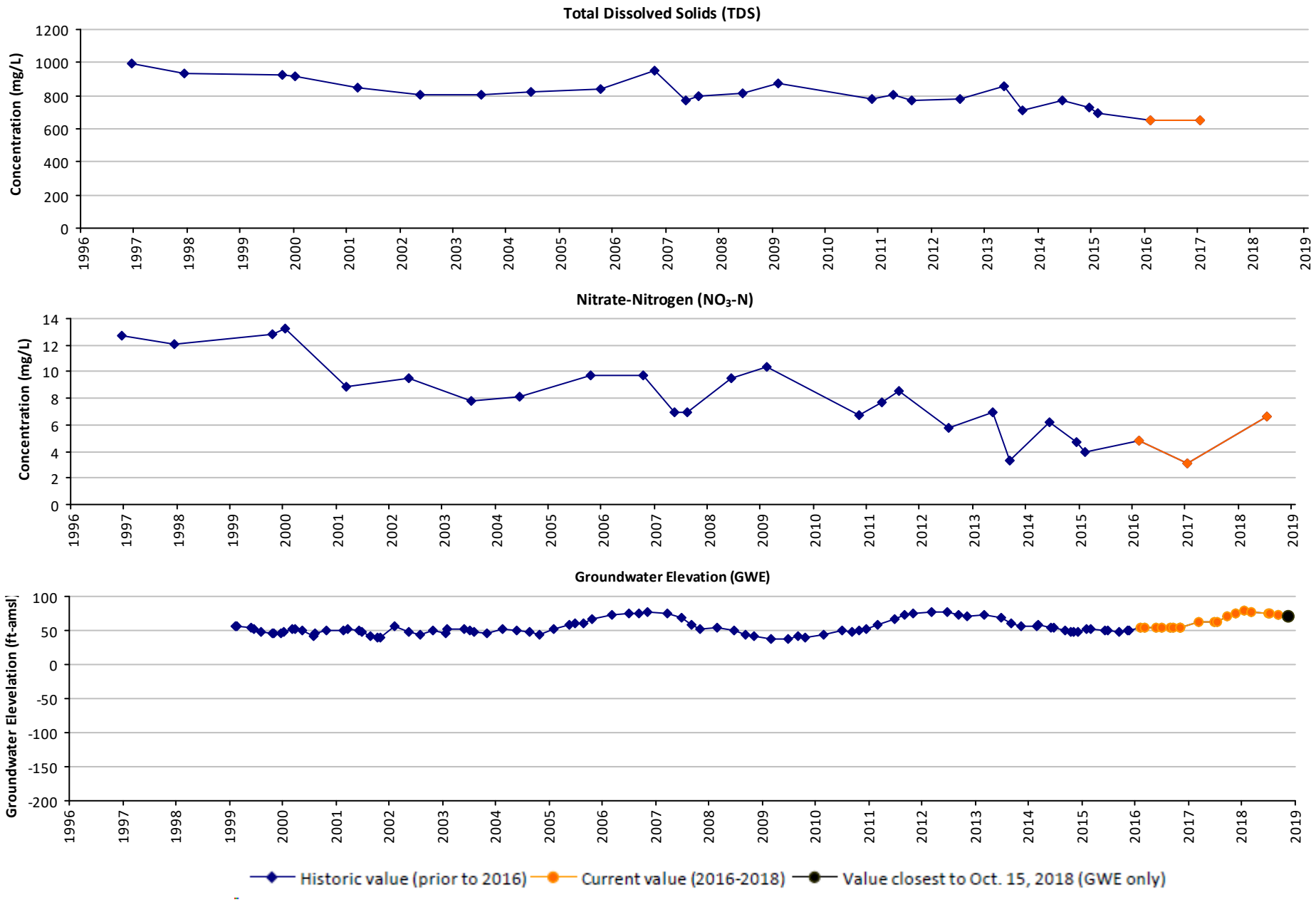
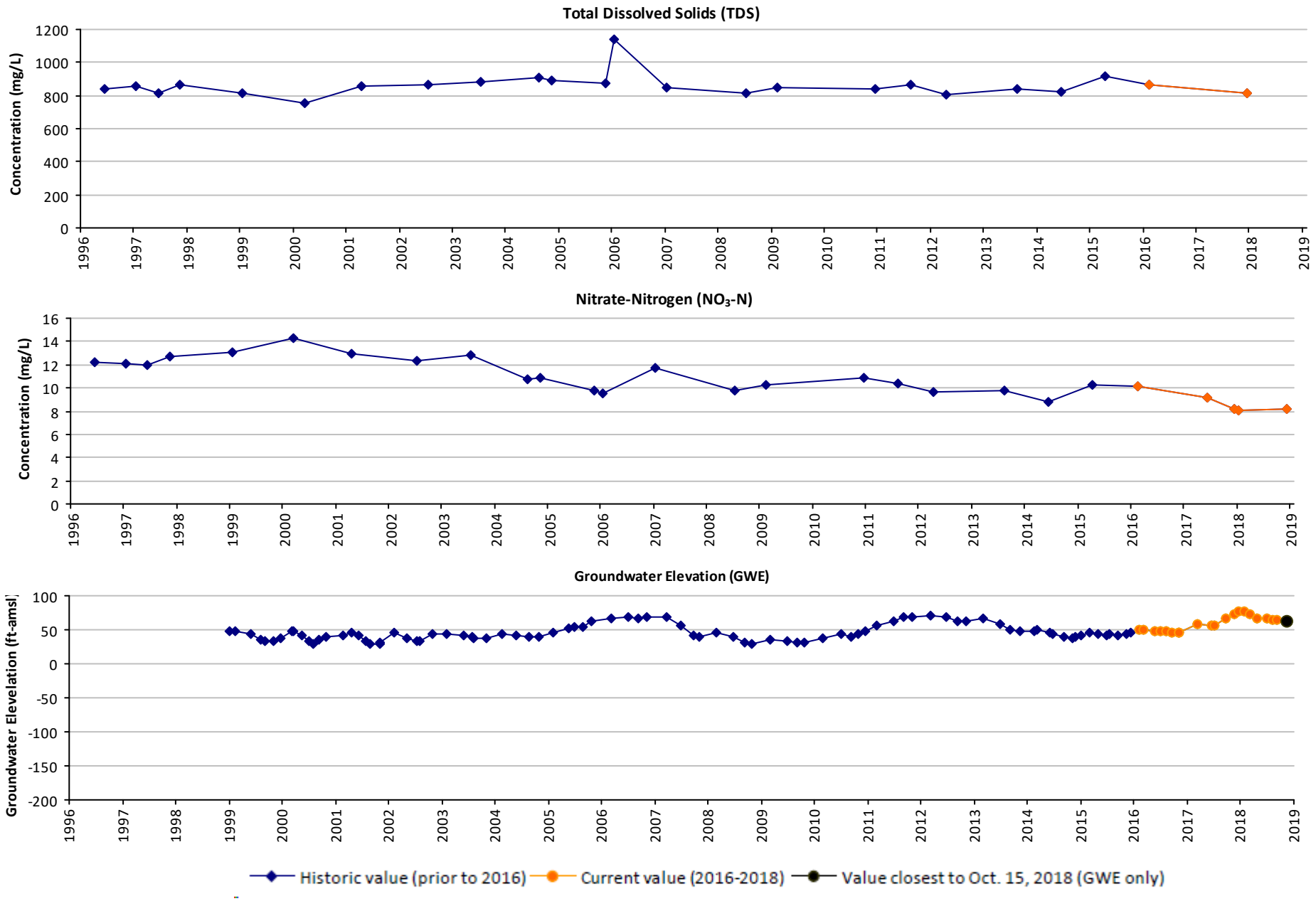

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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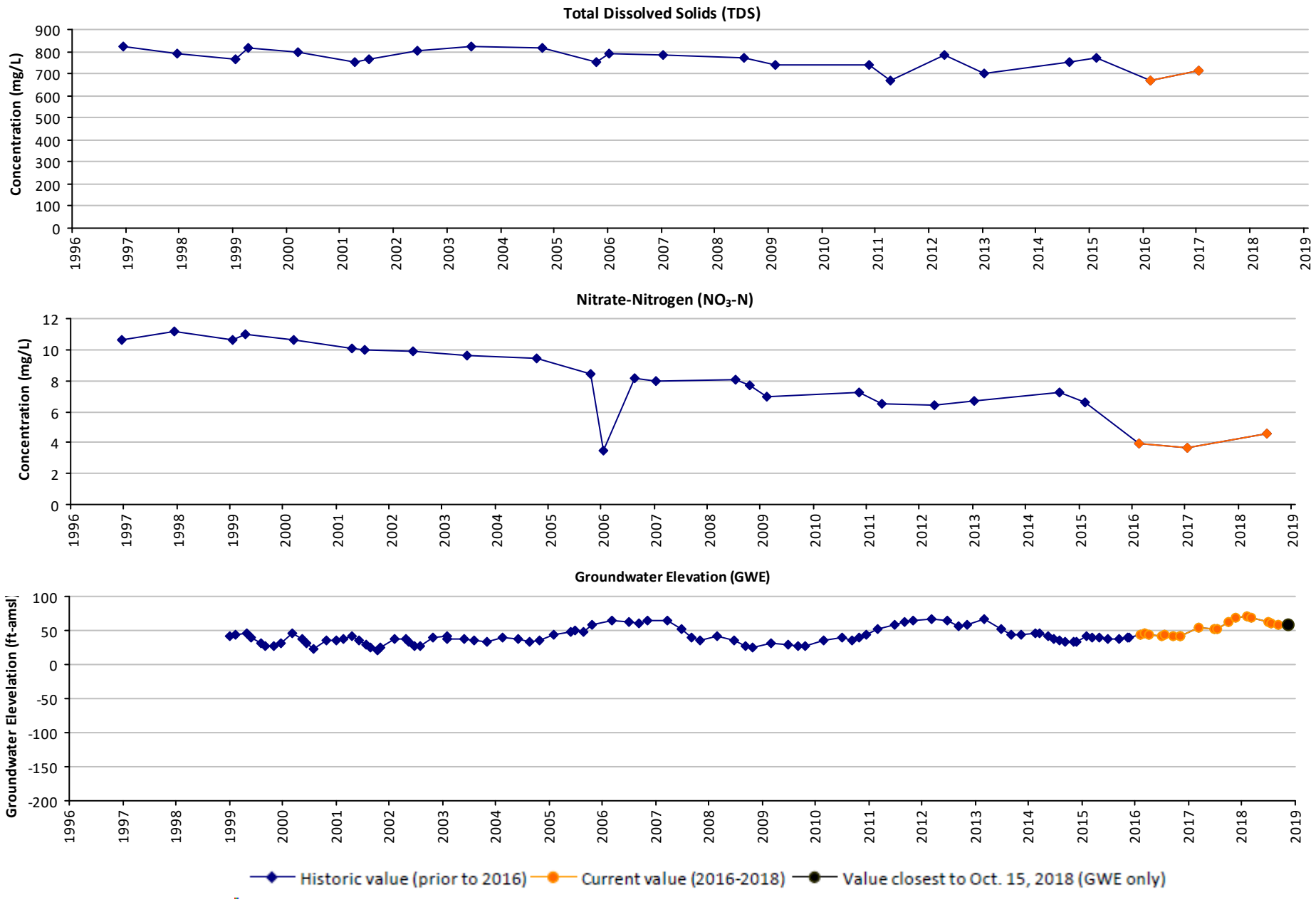
Total Dissolved Solids (TDS)
Concentration (mg/L)
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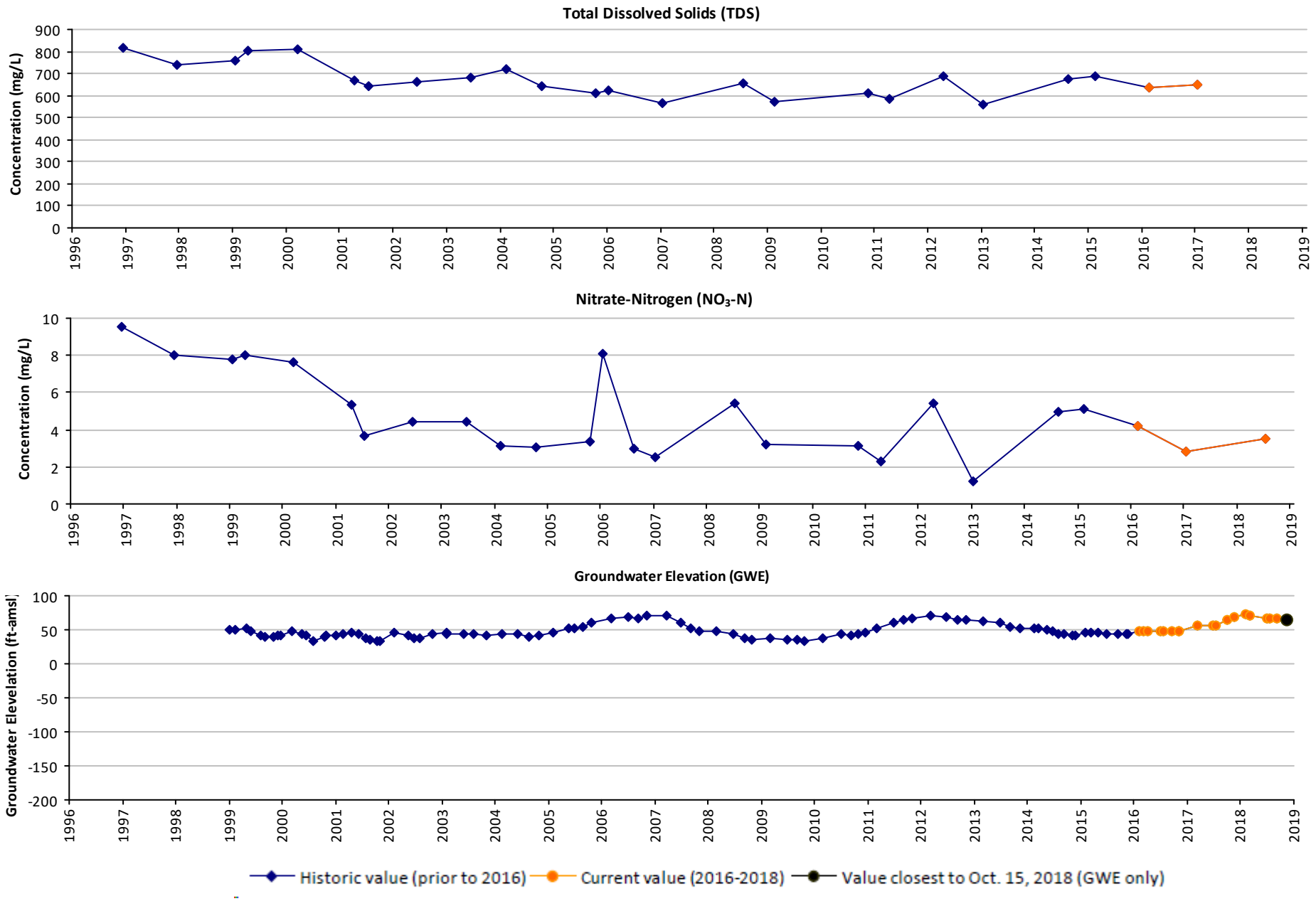
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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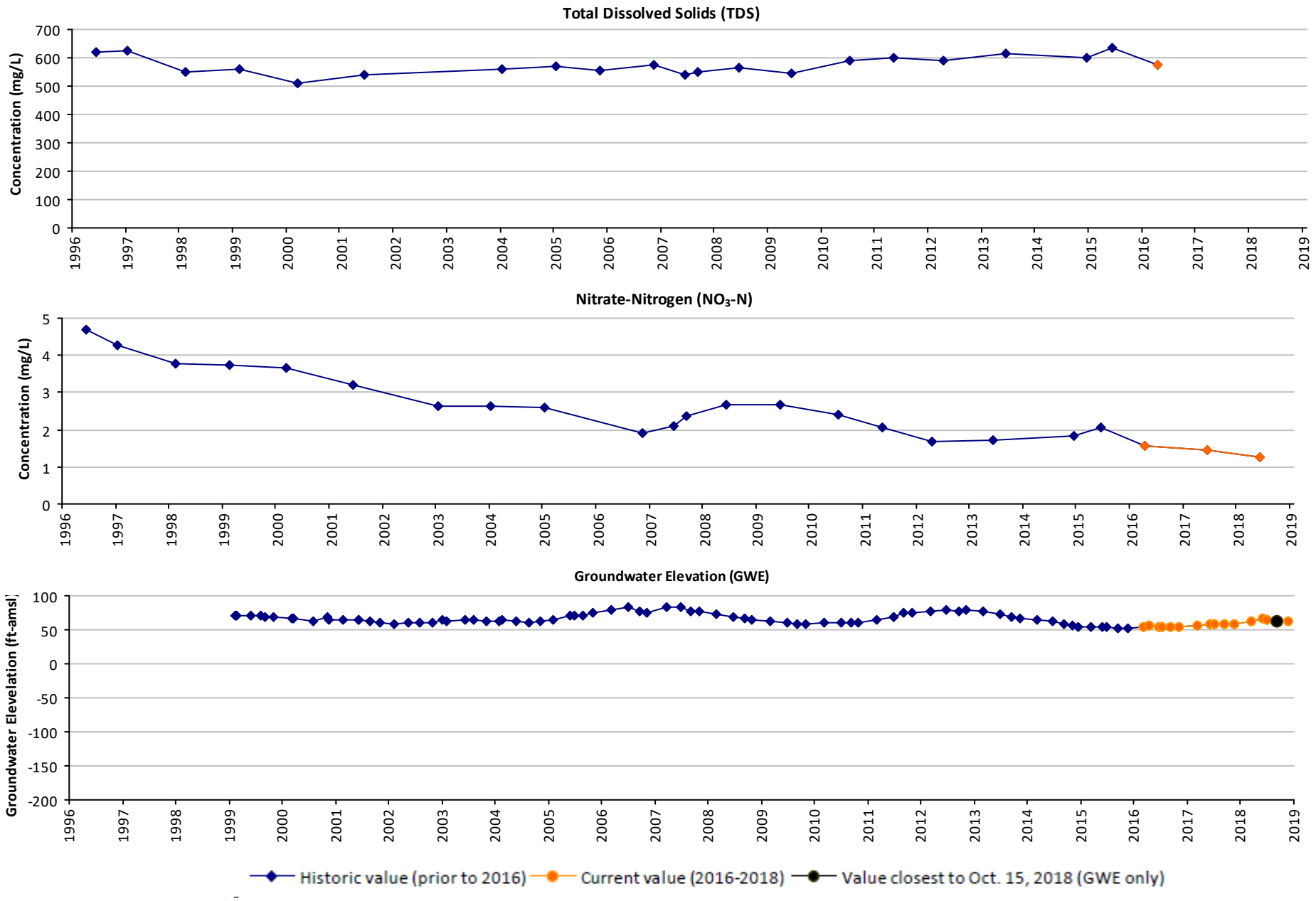
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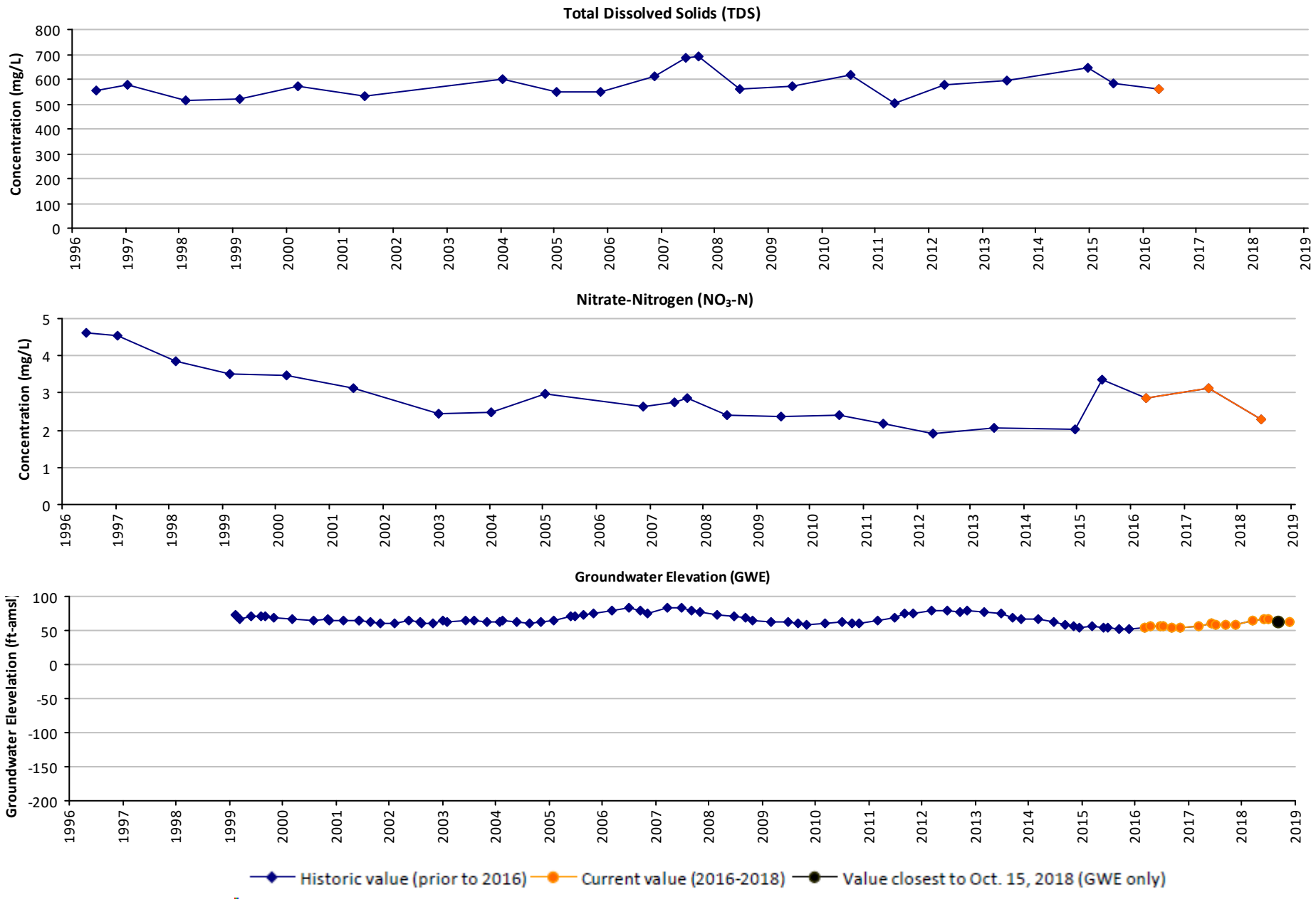
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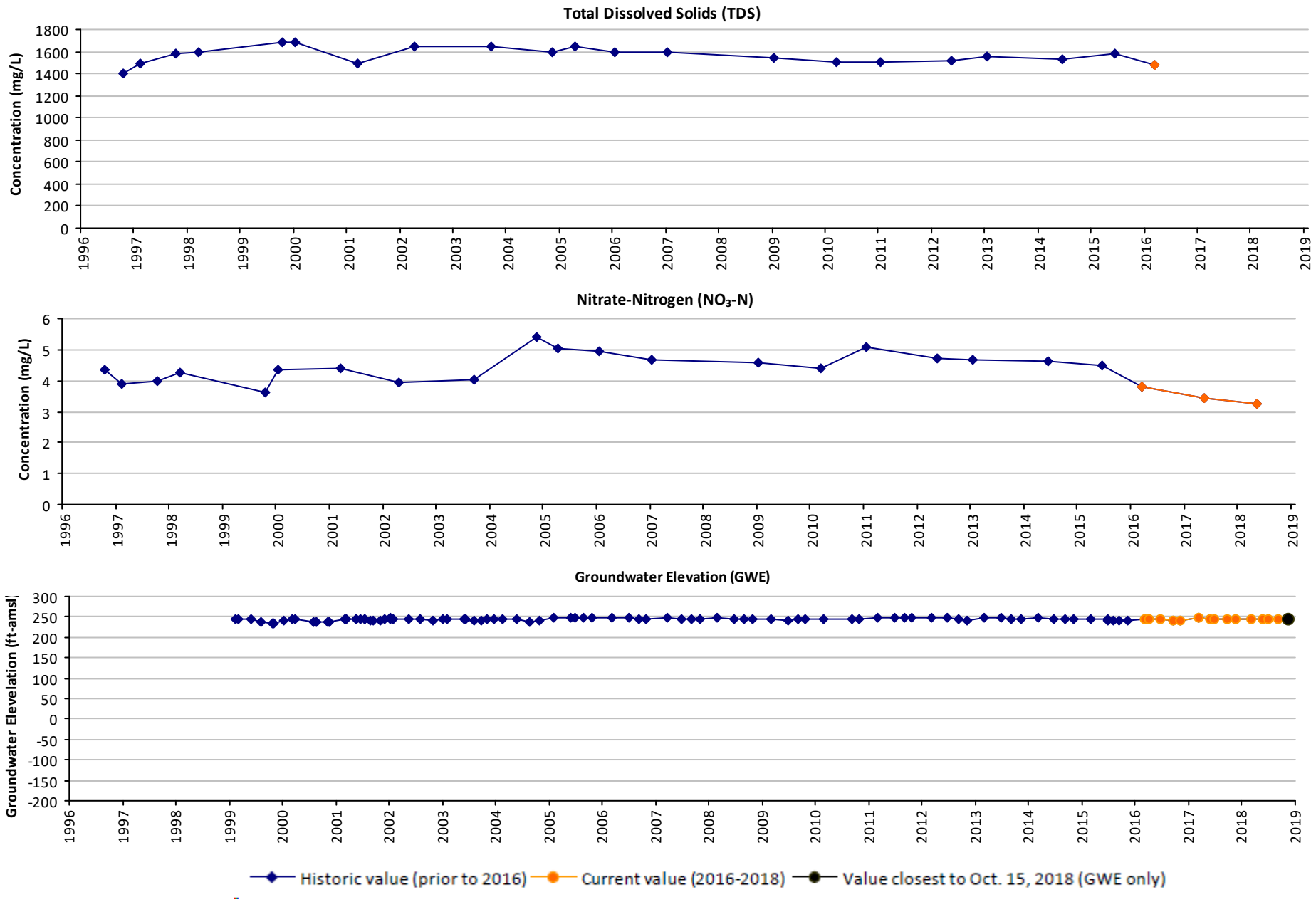
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Historic value (prior to 2016)
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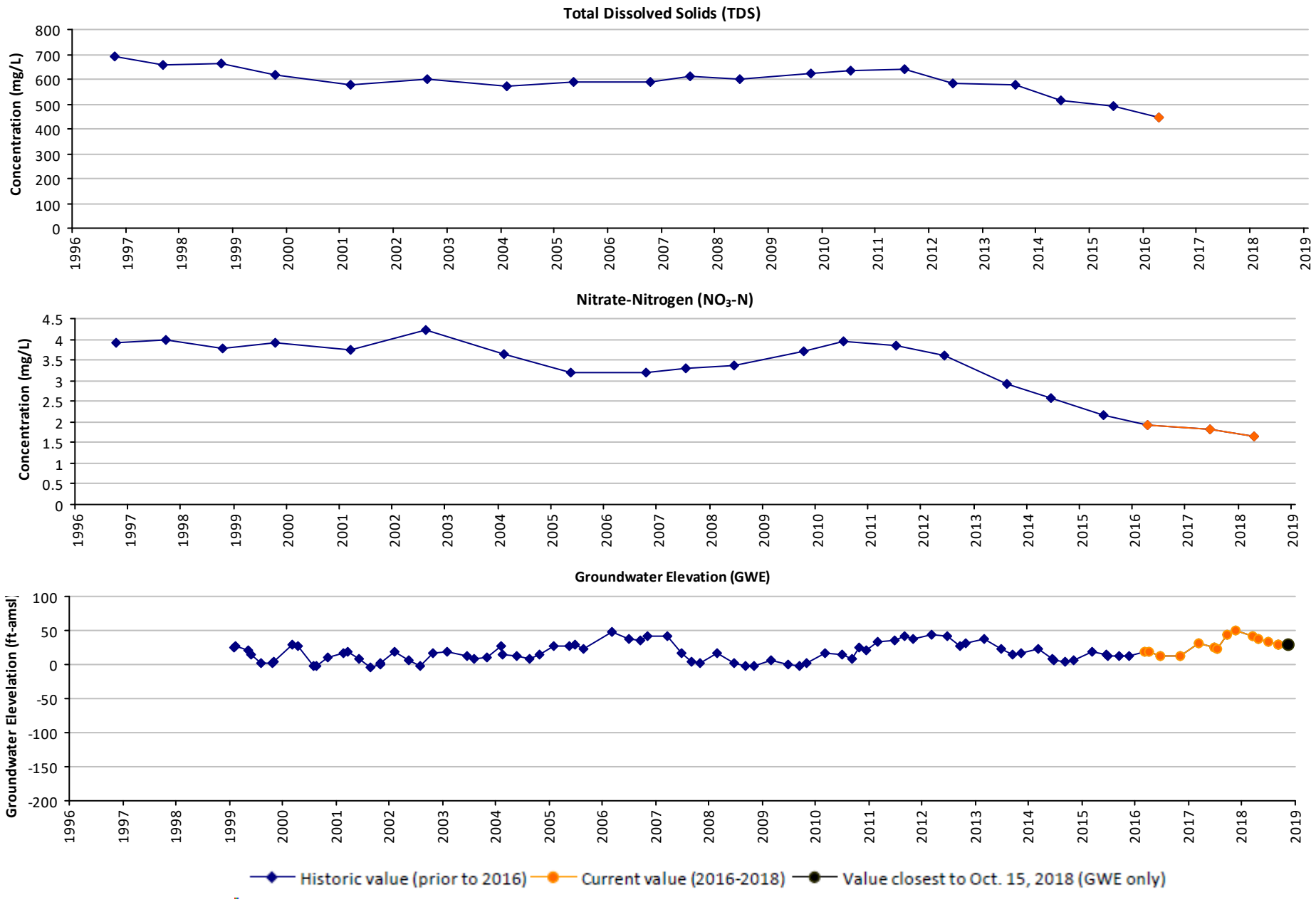
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Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
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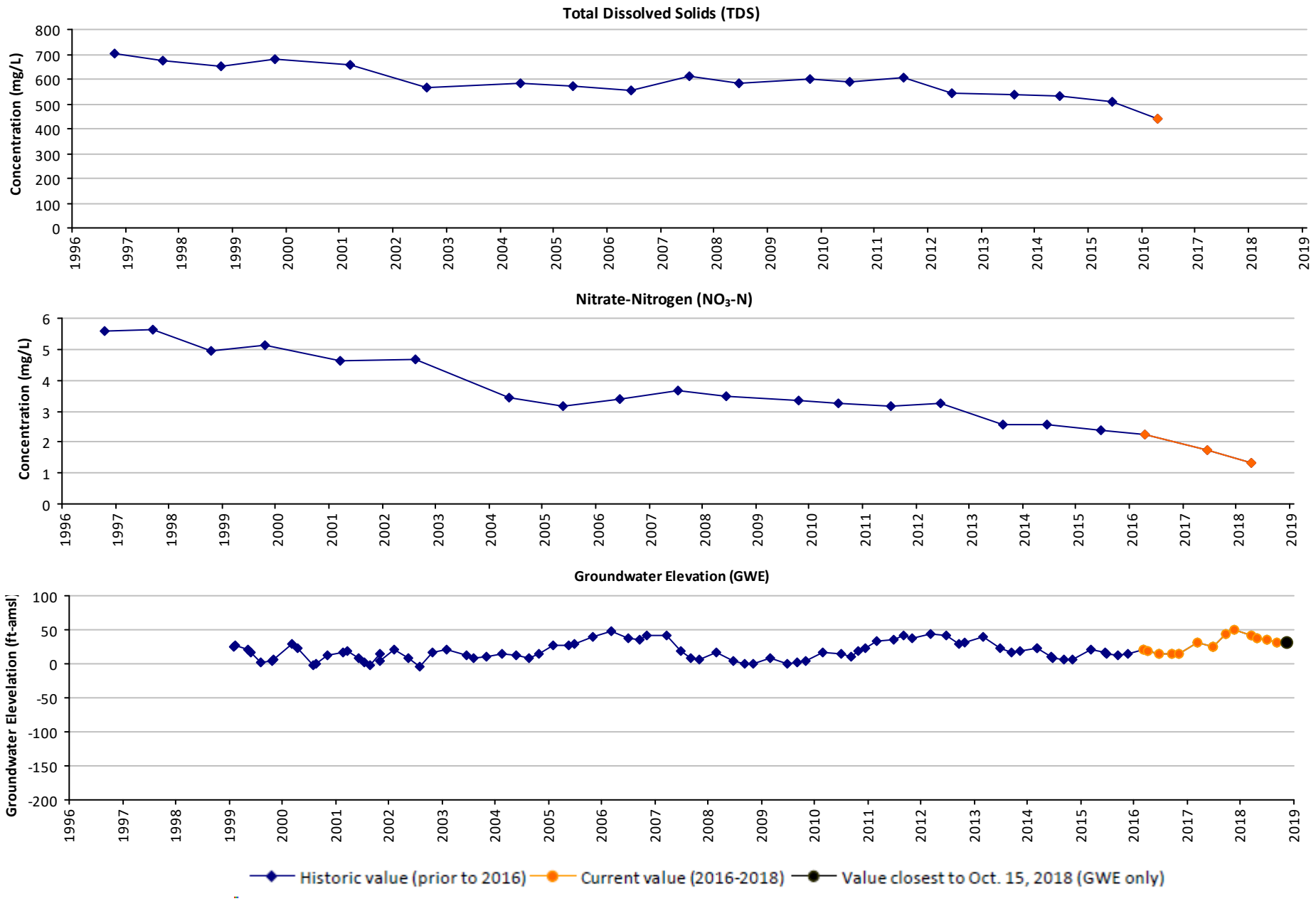
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Nitrate-Nitrogen (NO3-N)
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Historic value (prior to 2016)
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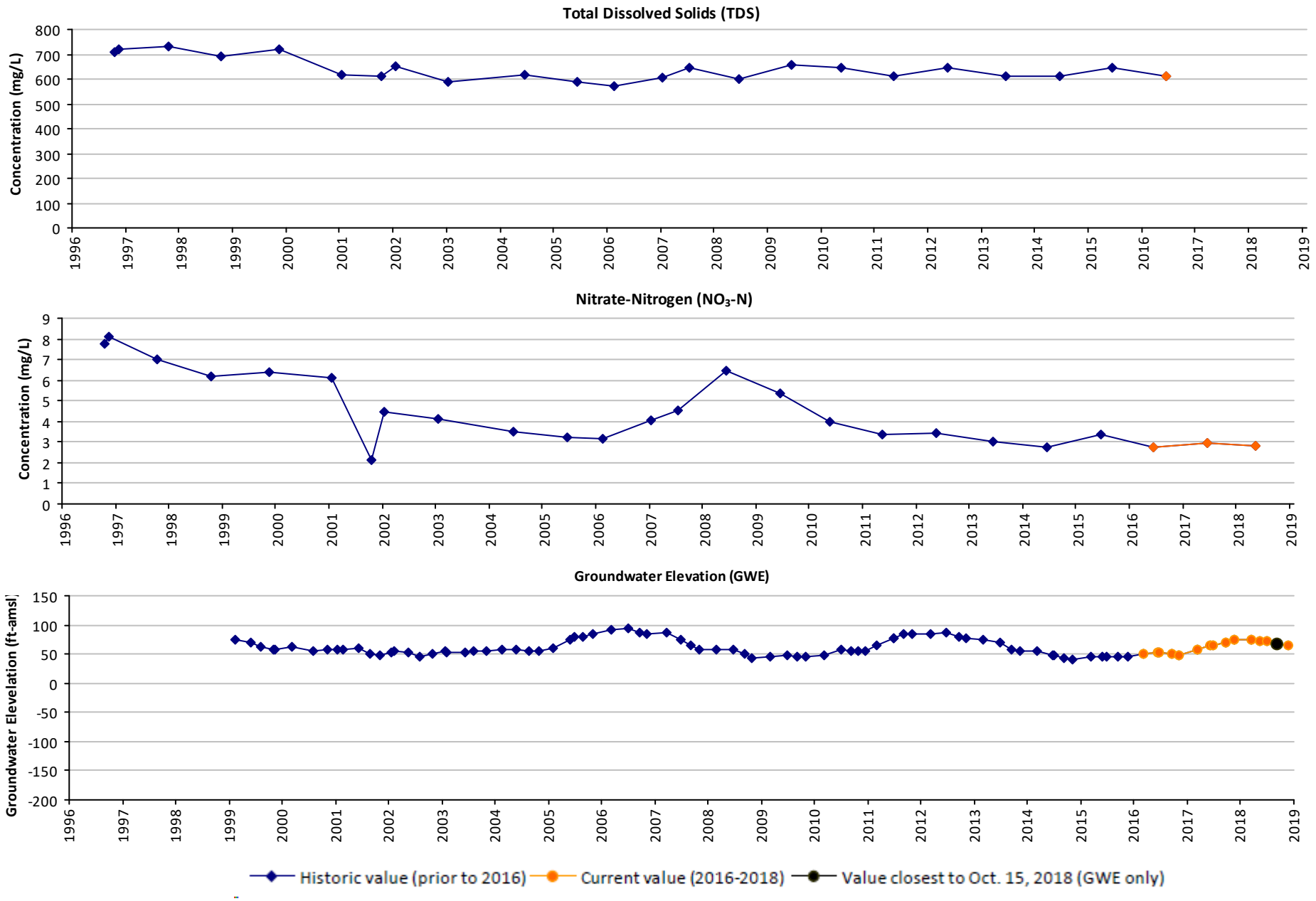
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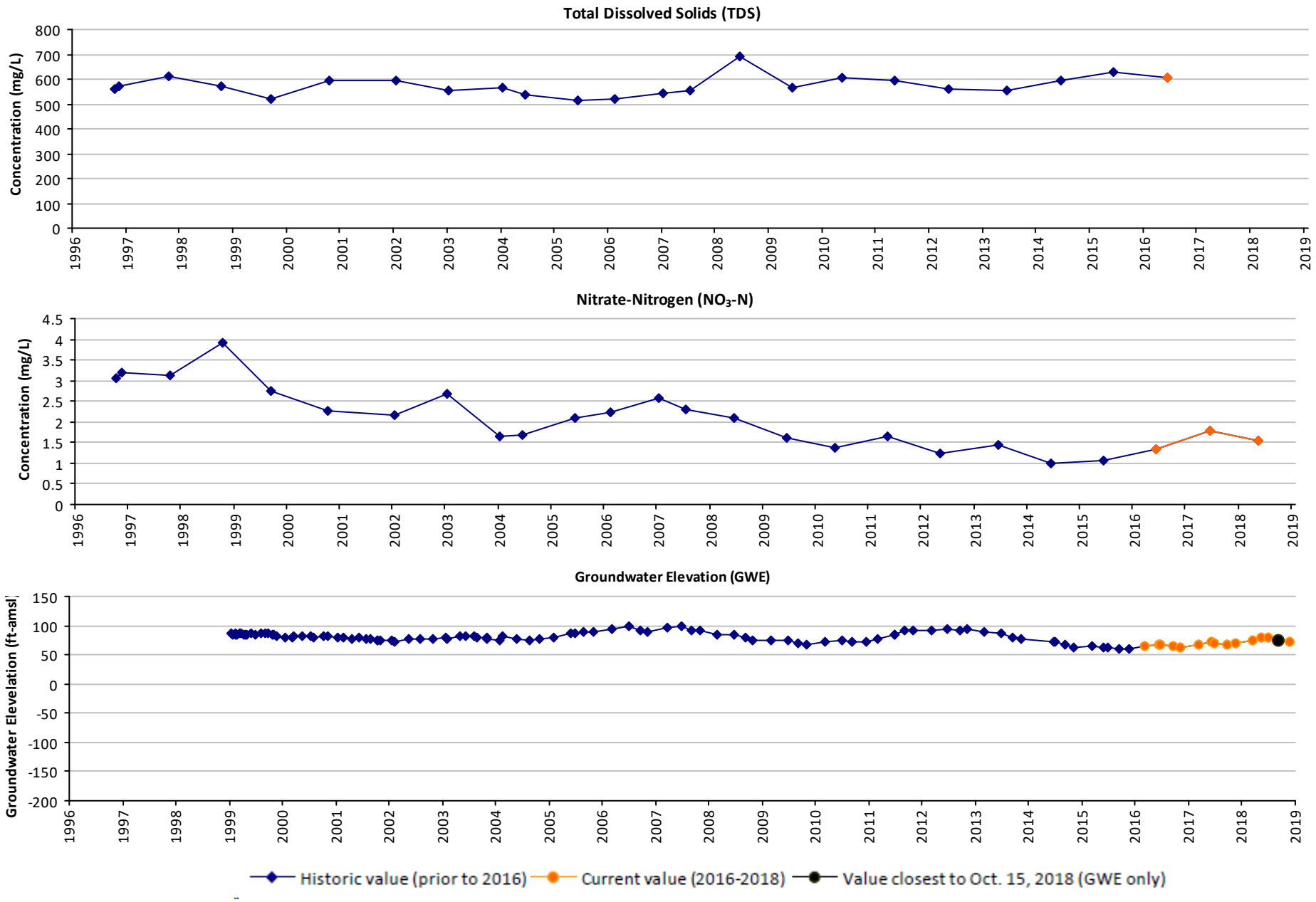
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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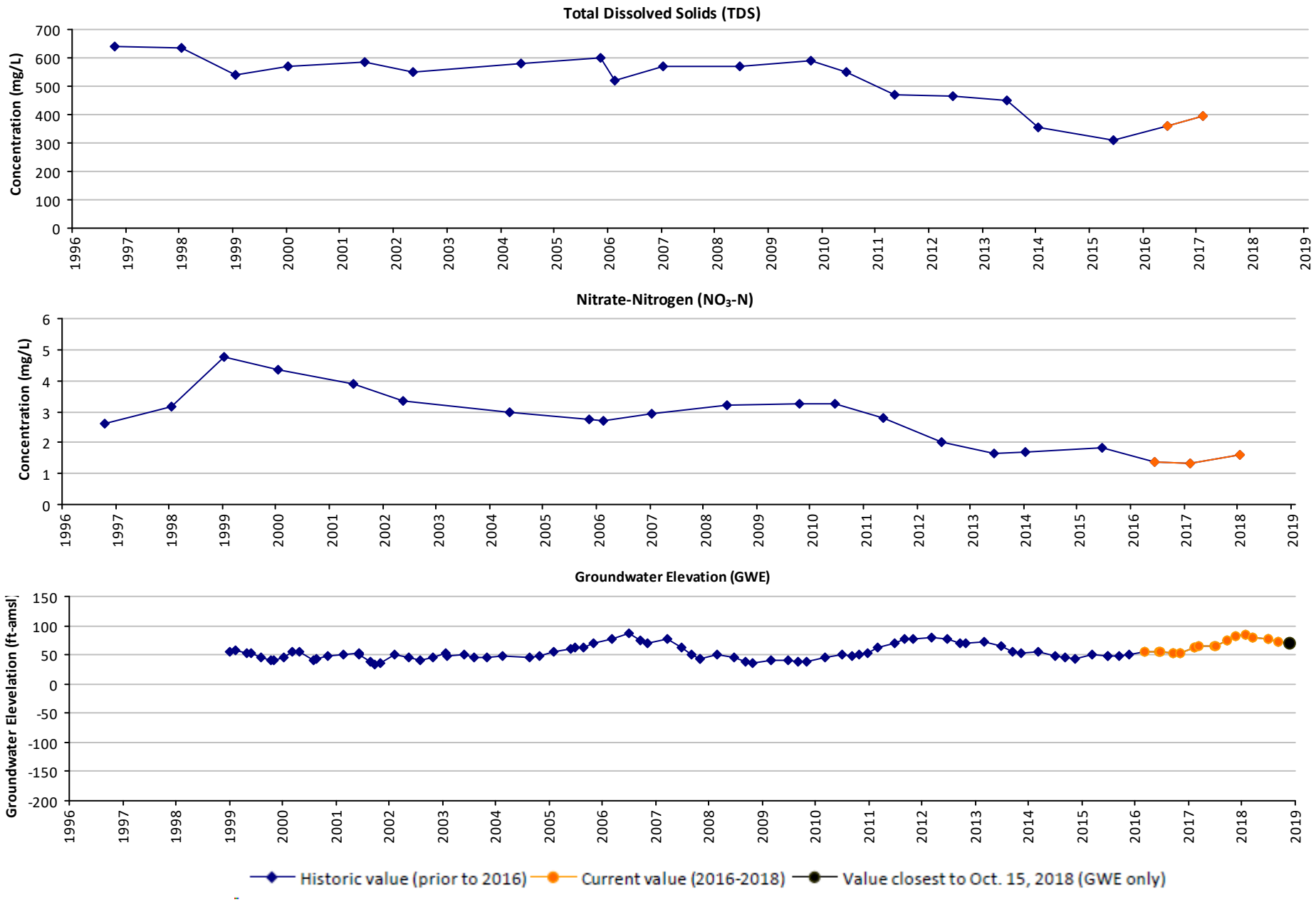
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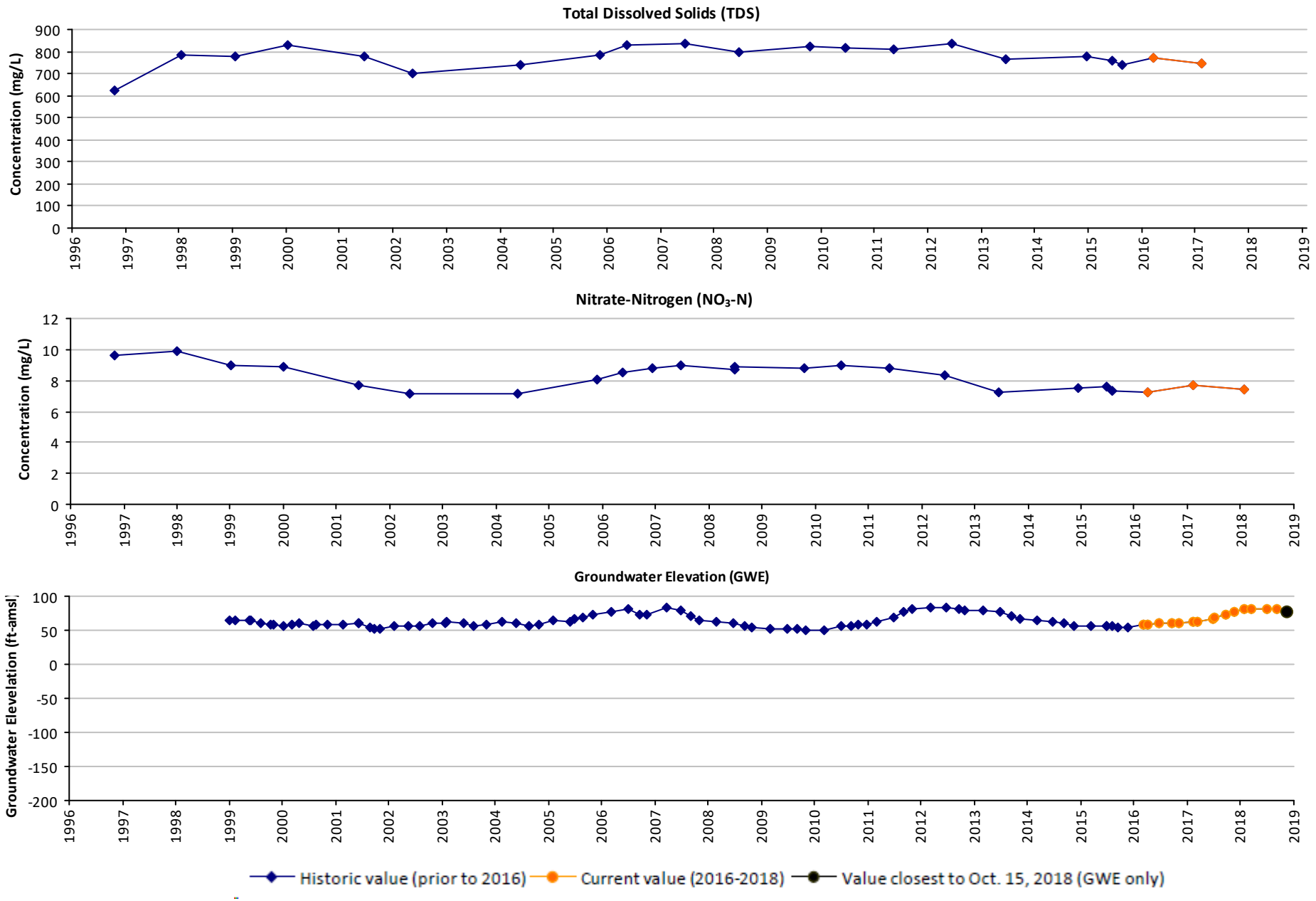
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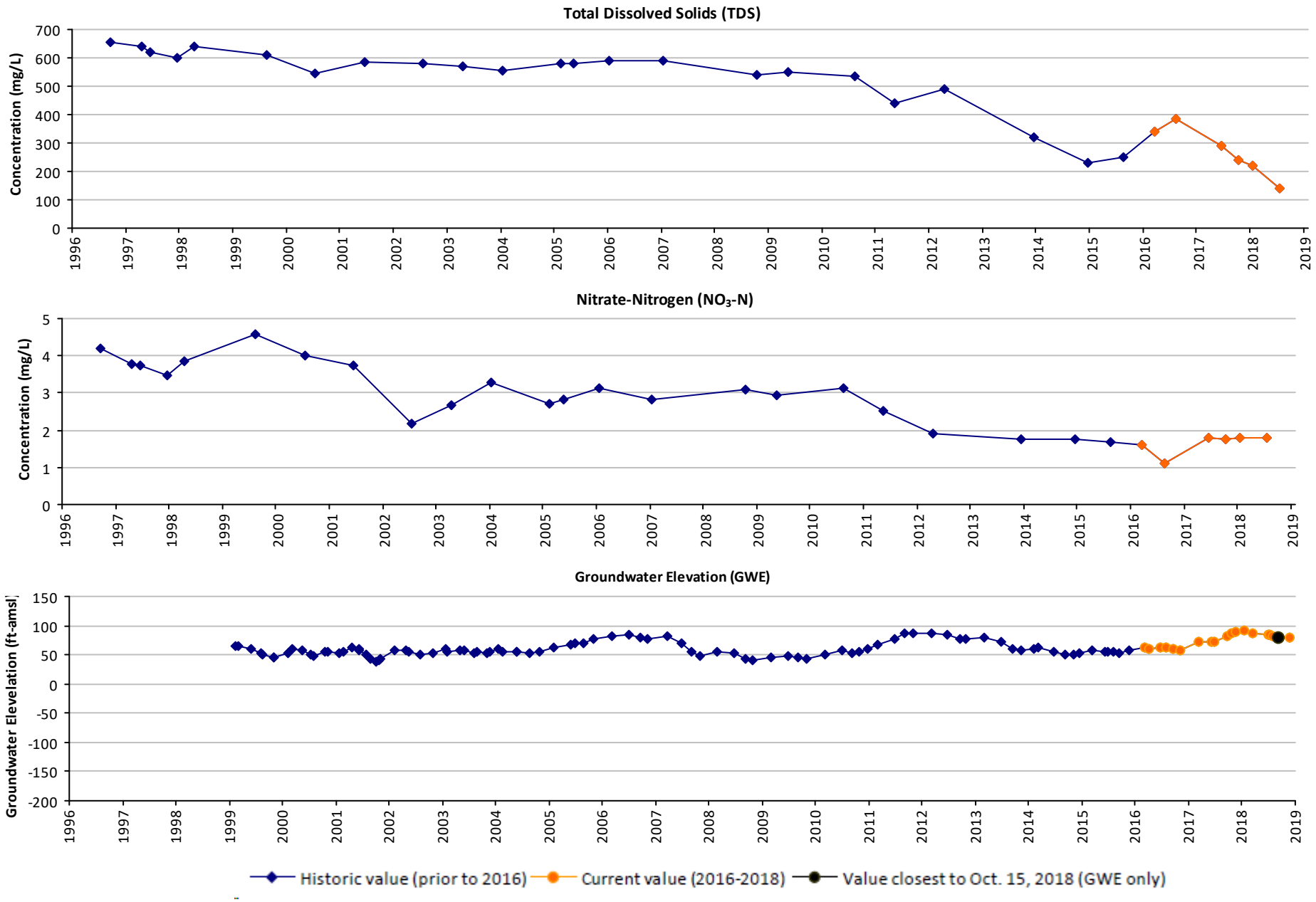
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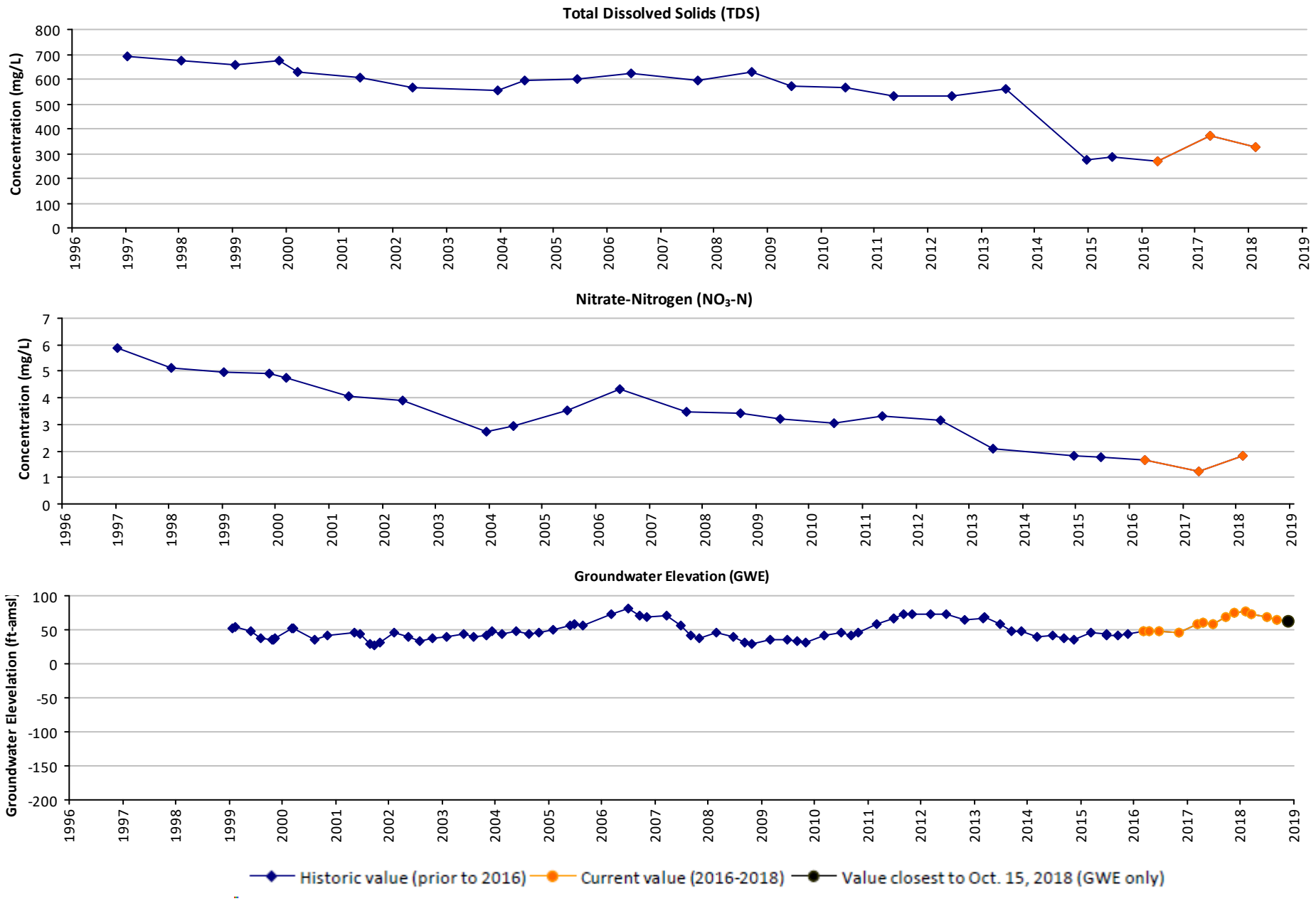
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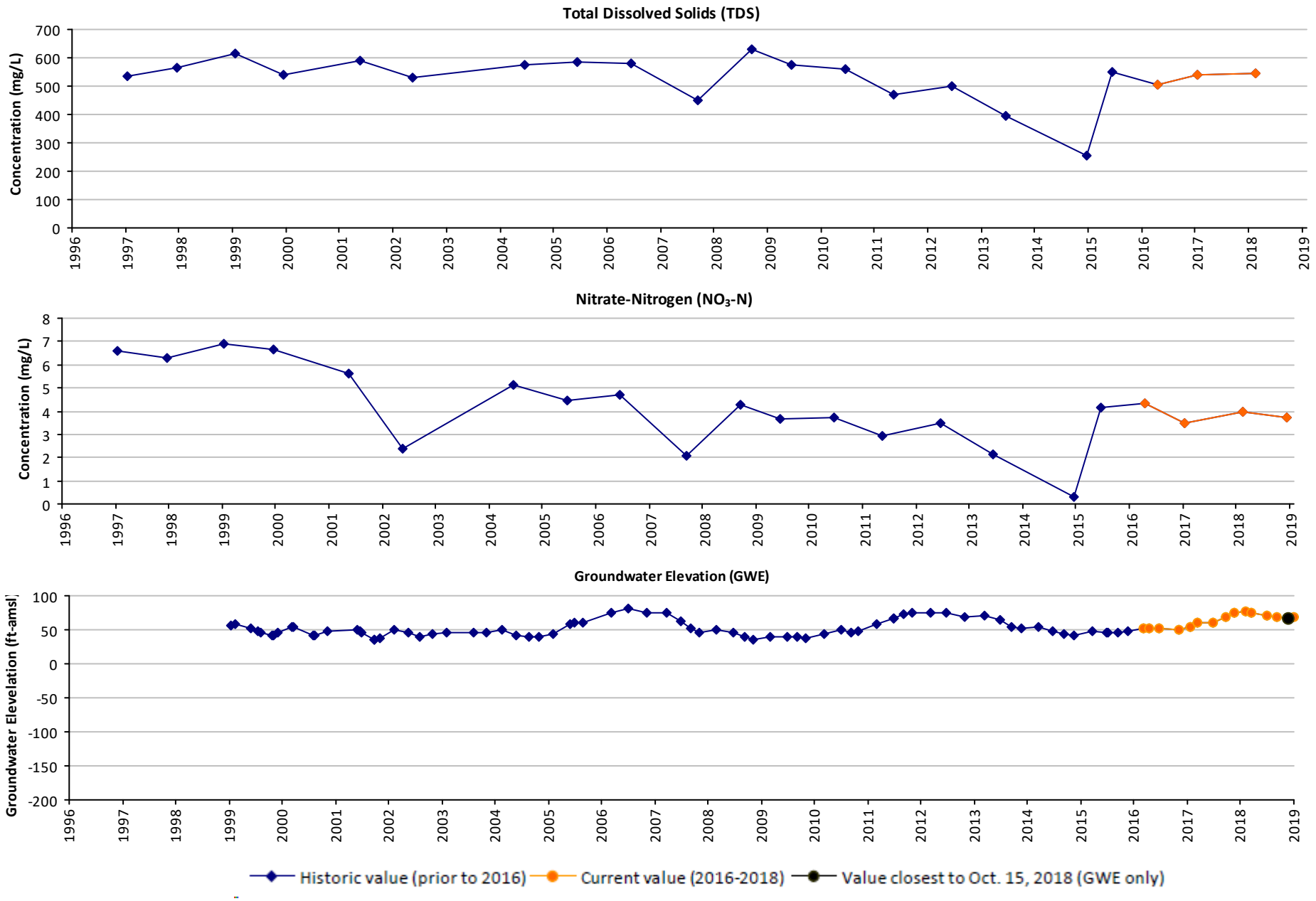
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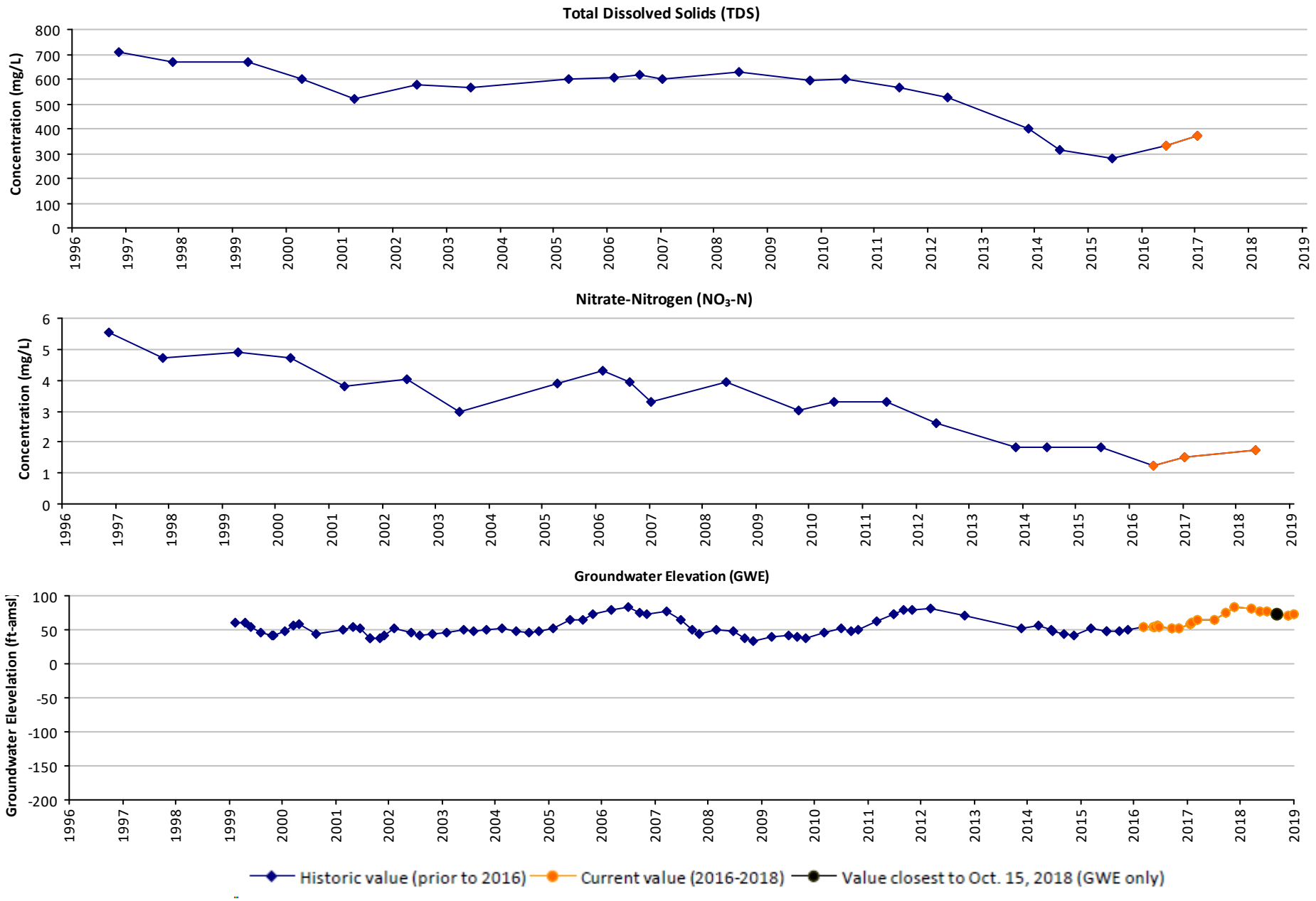
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Nitrate-Nitrogen (NO_3-N)
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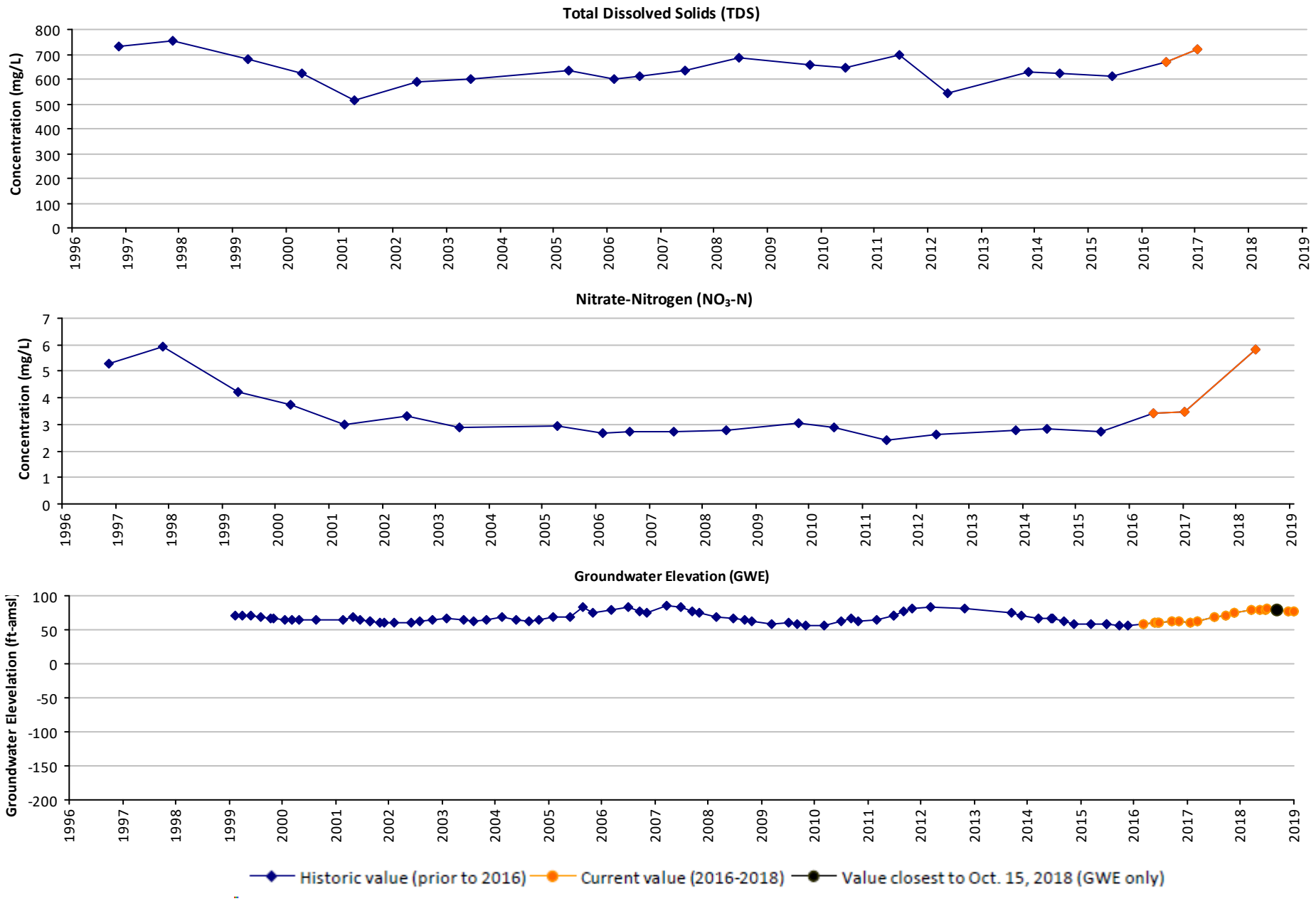
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Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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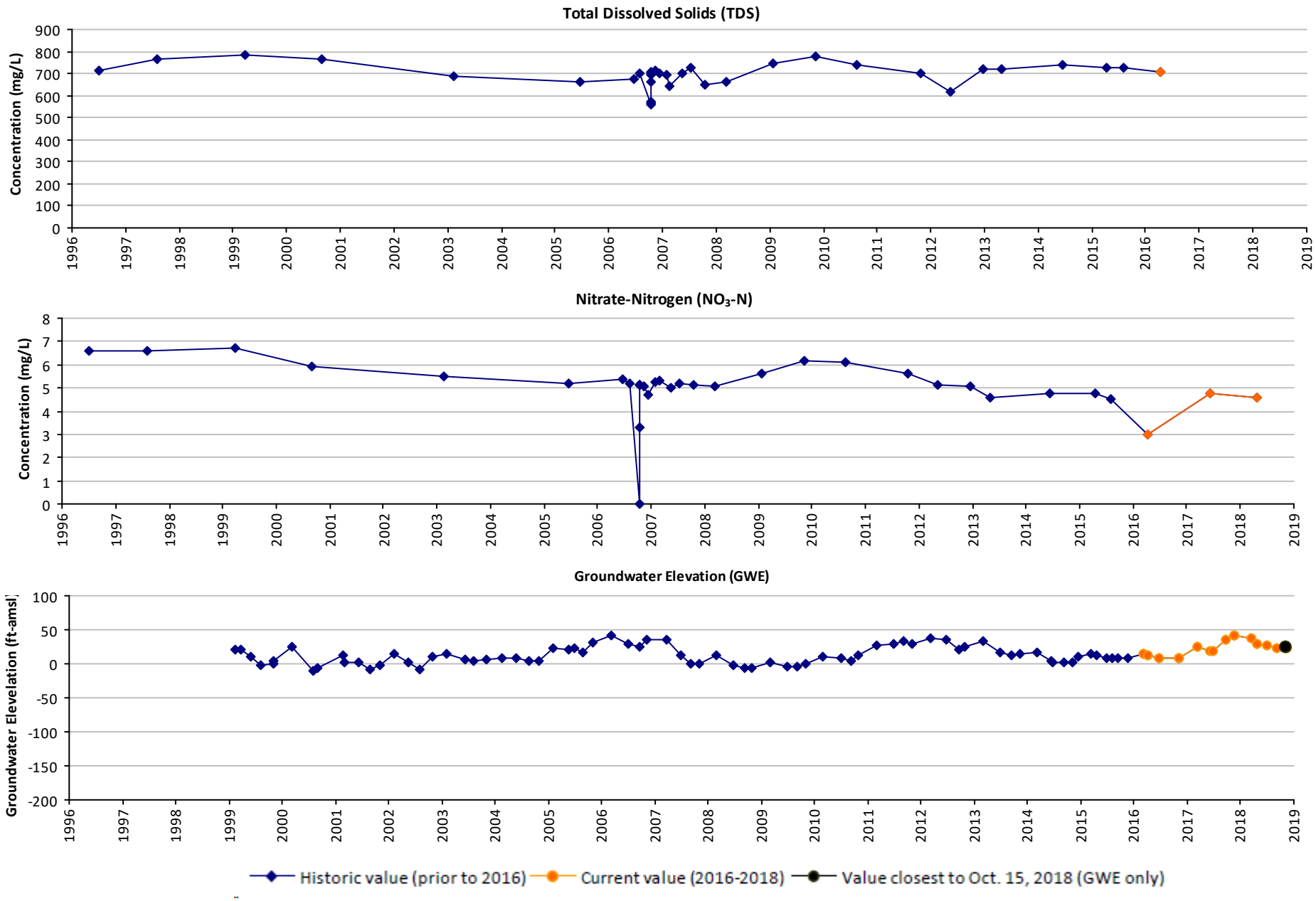
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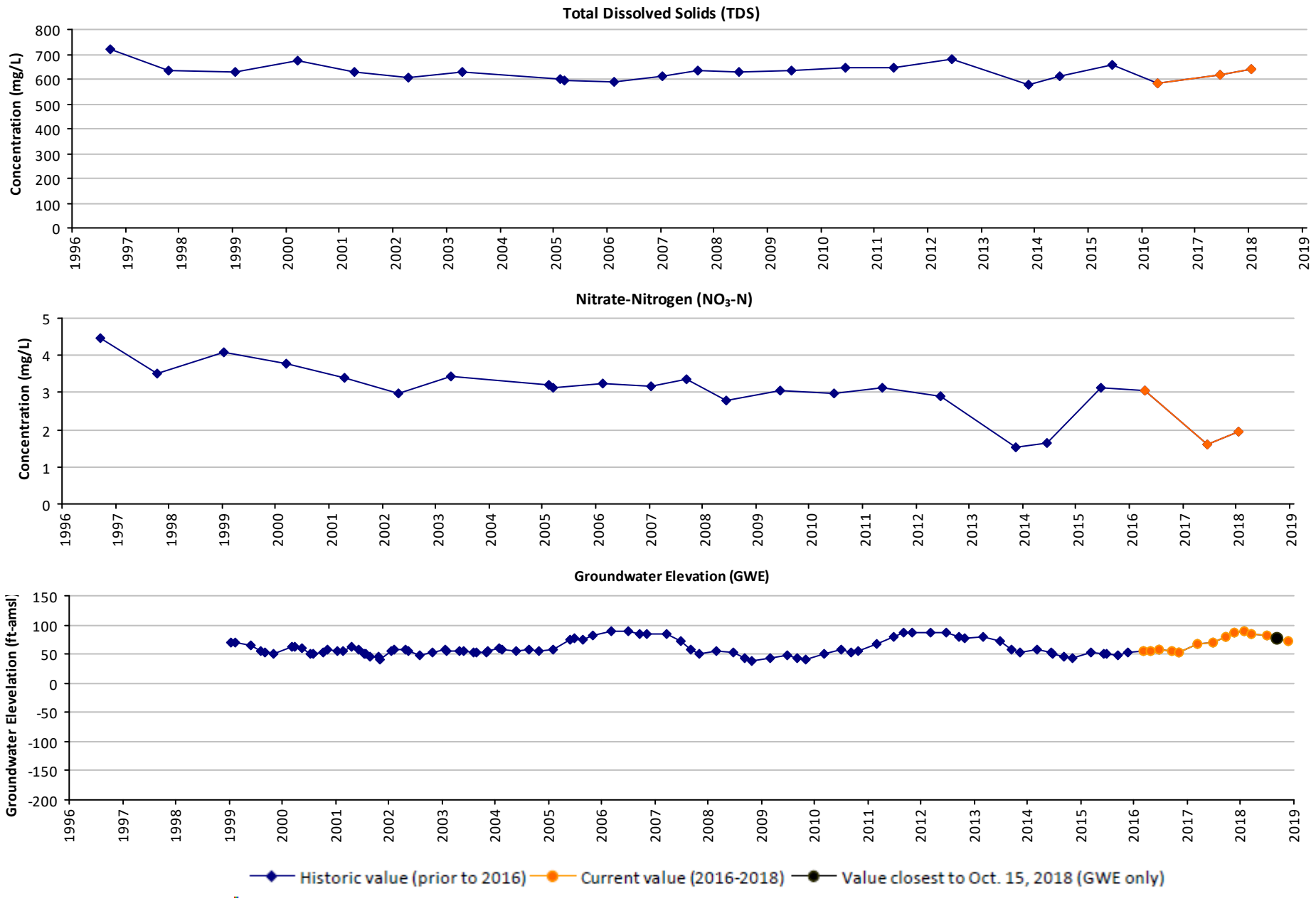
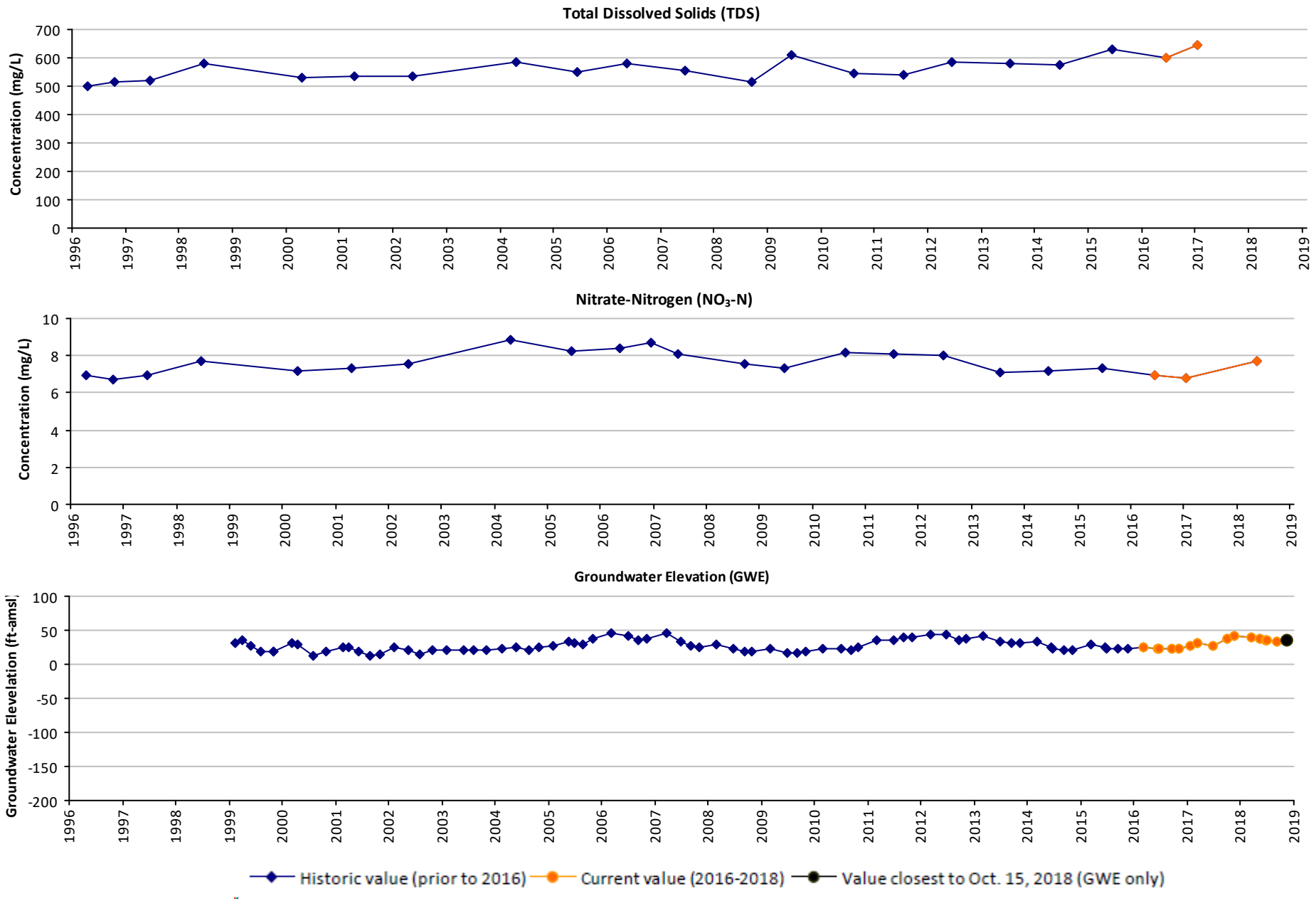
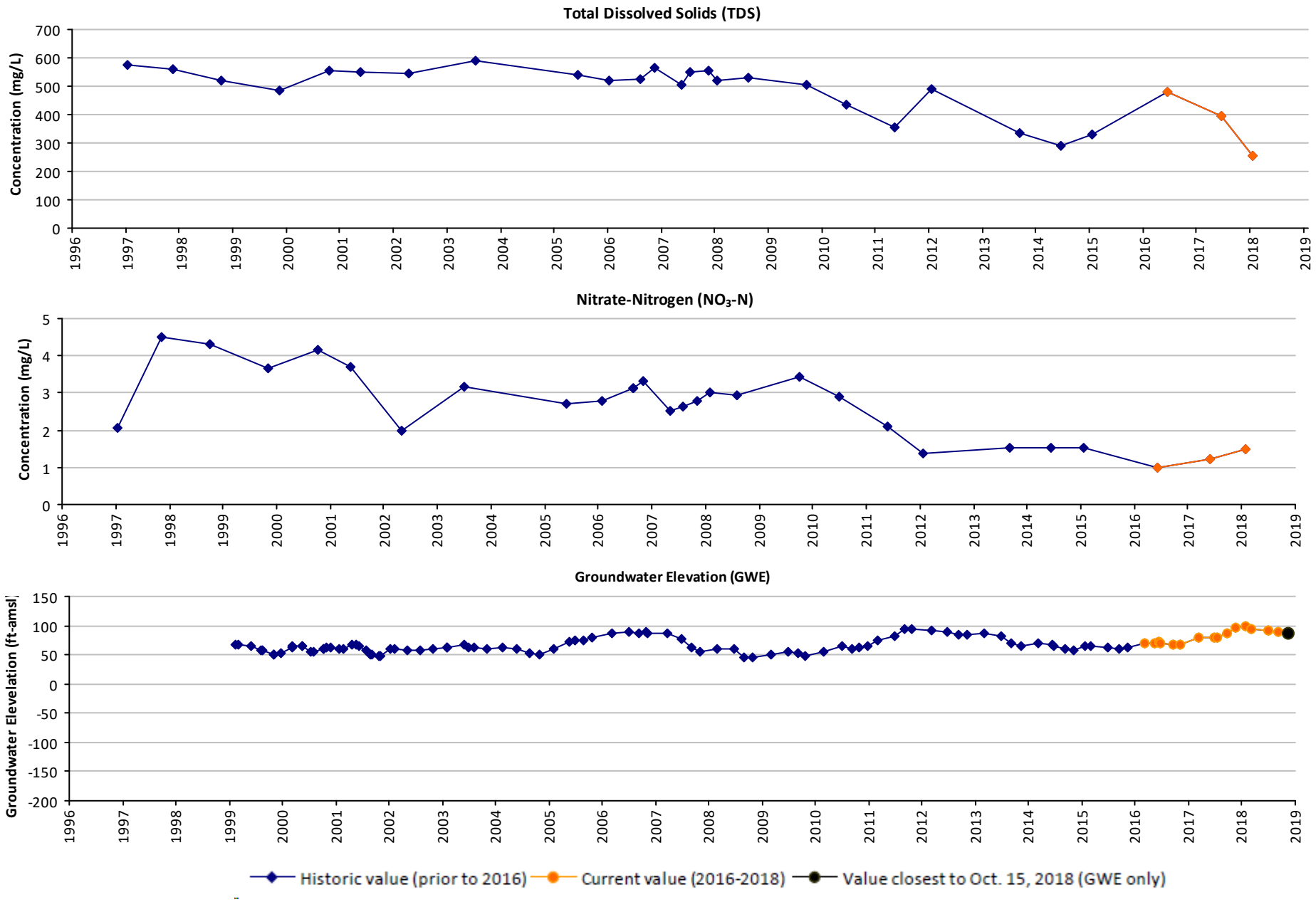
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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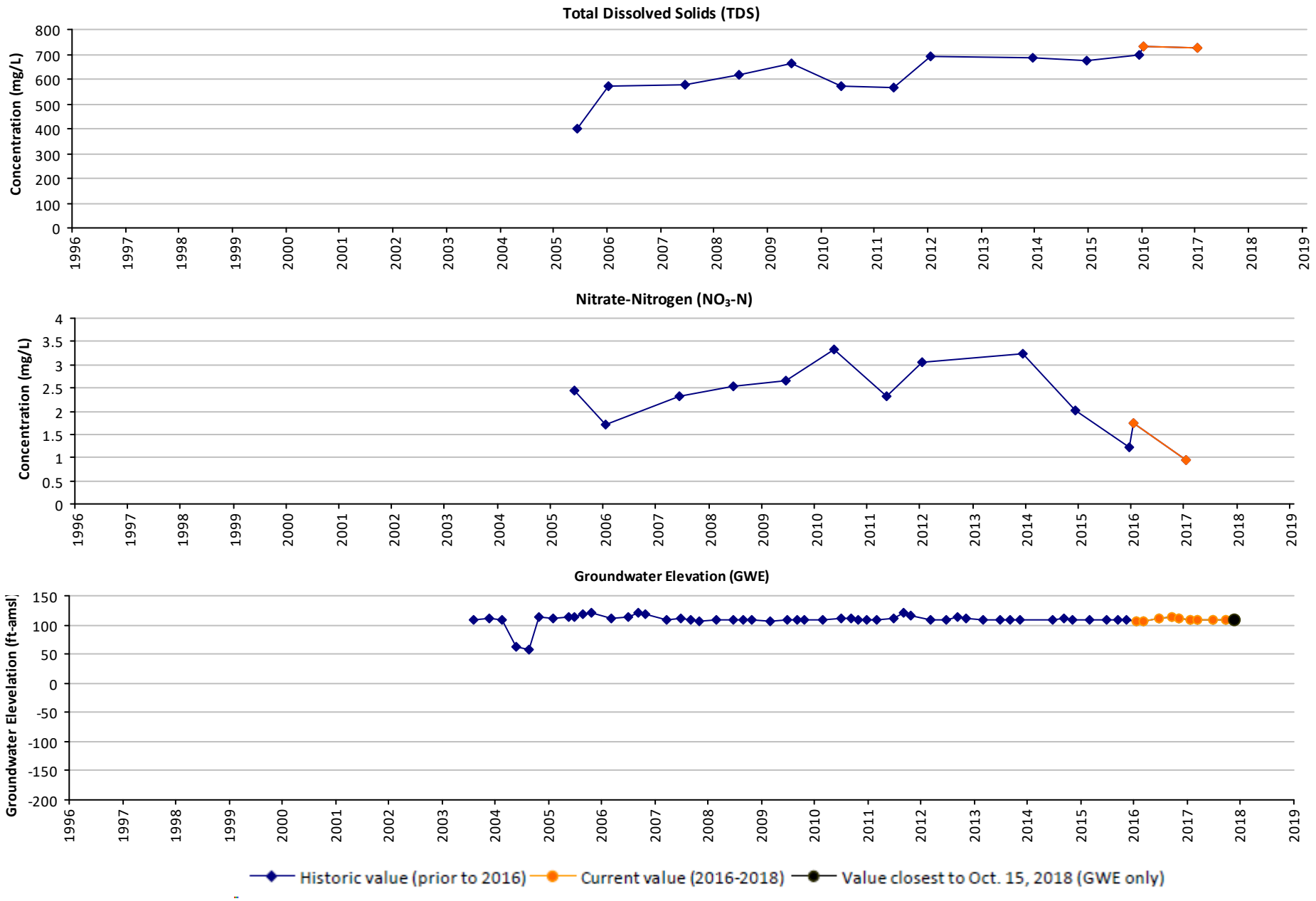
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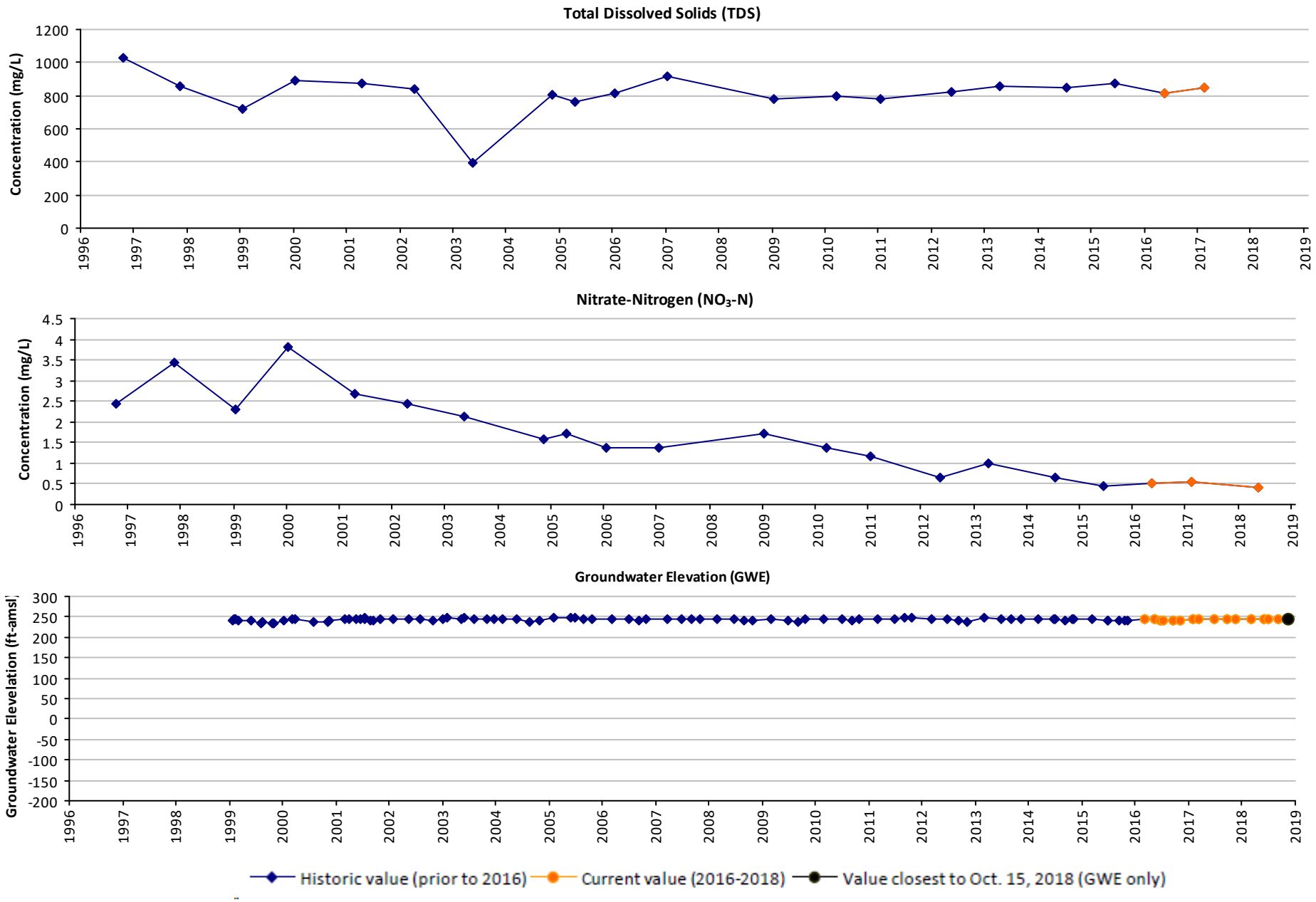
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Concentration (mg/L)
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Current value (2016-2018)
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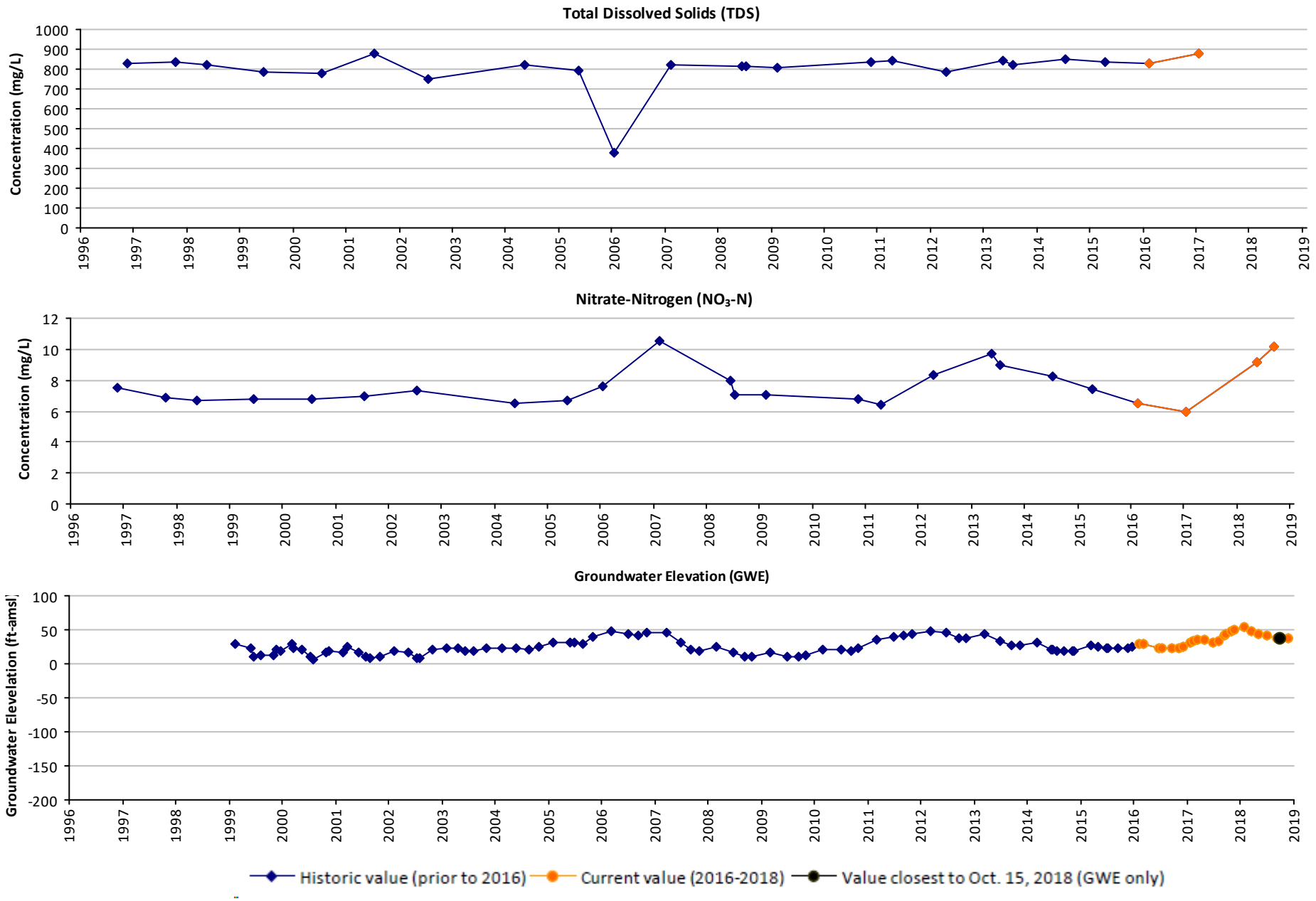
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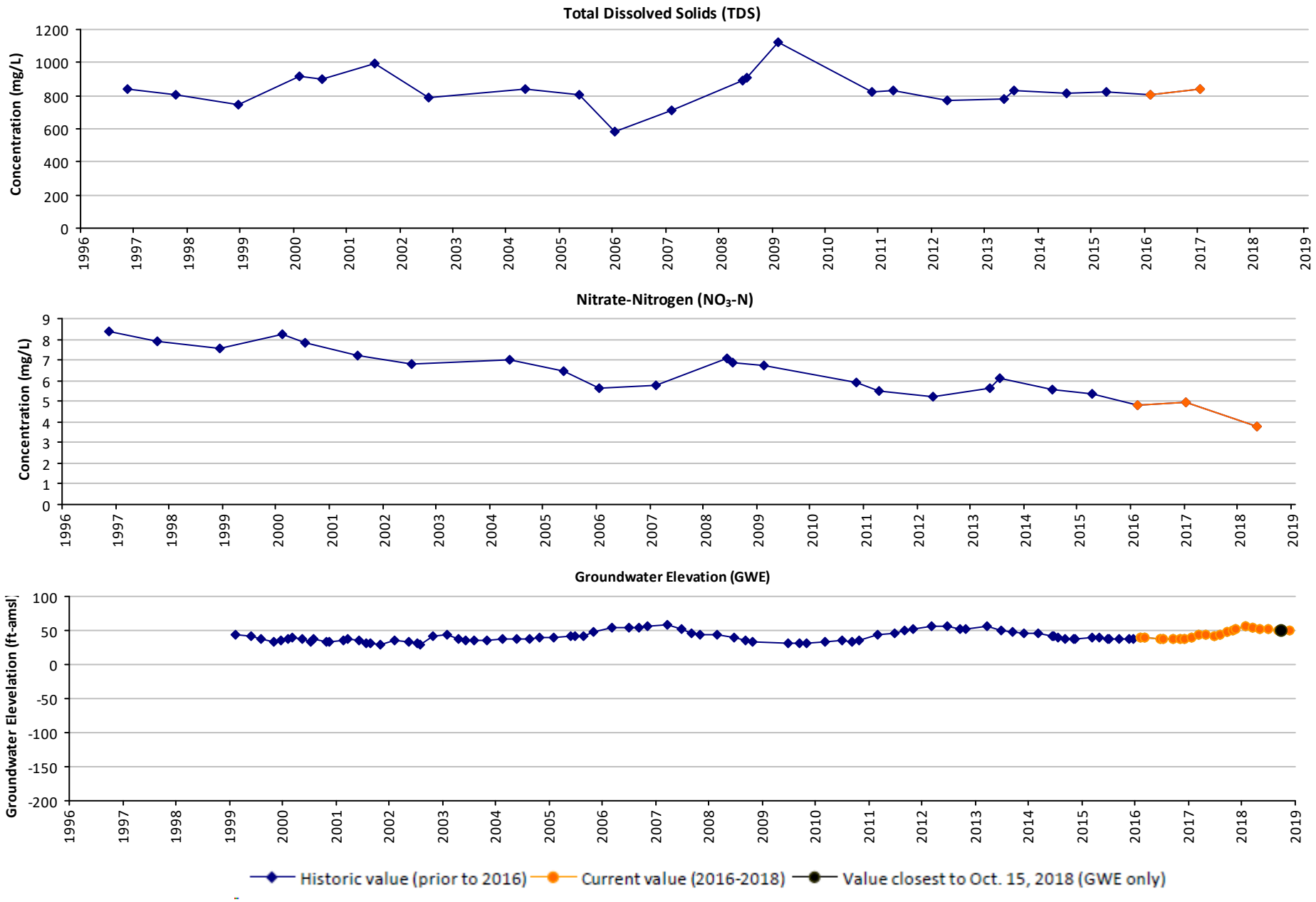
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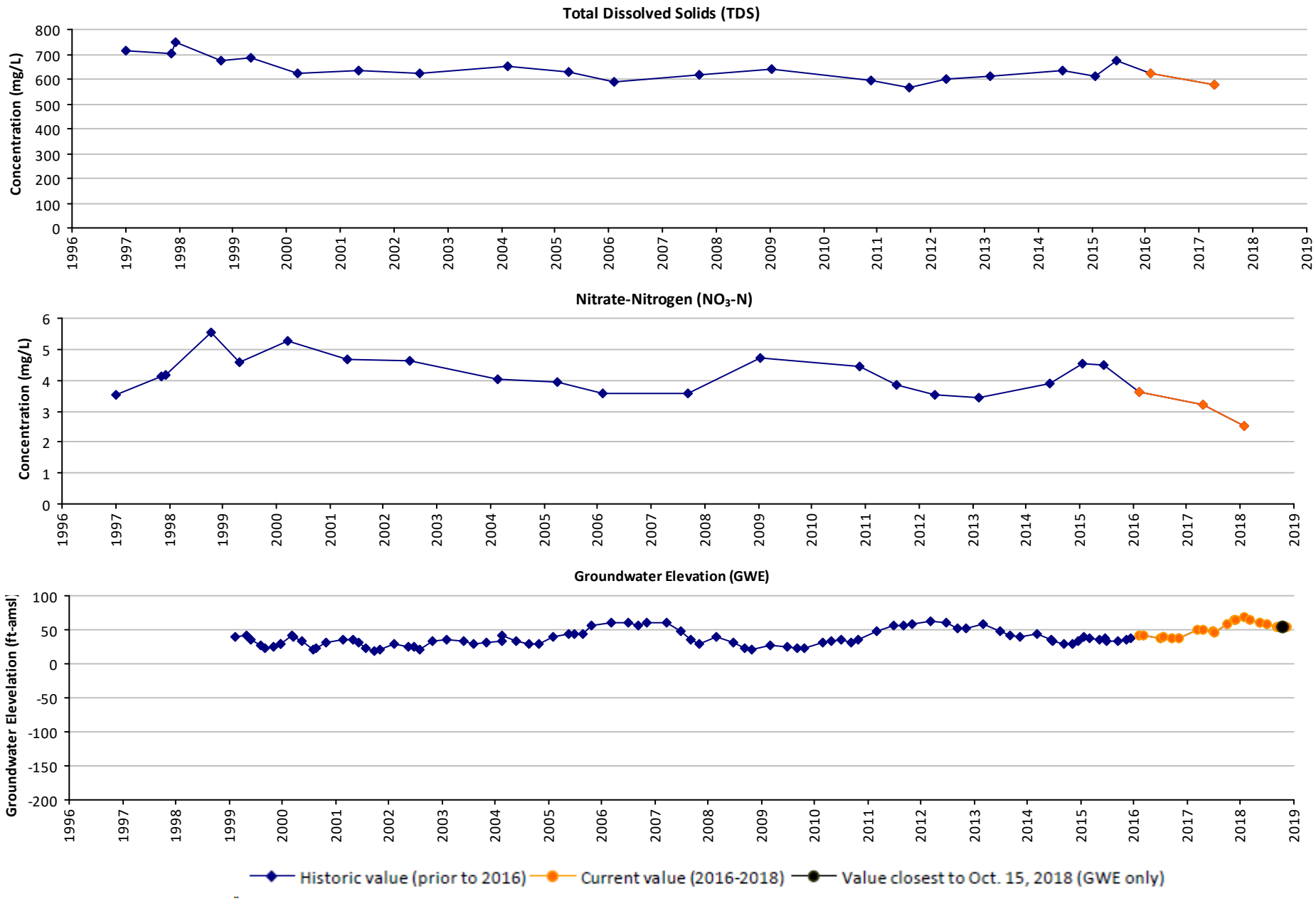
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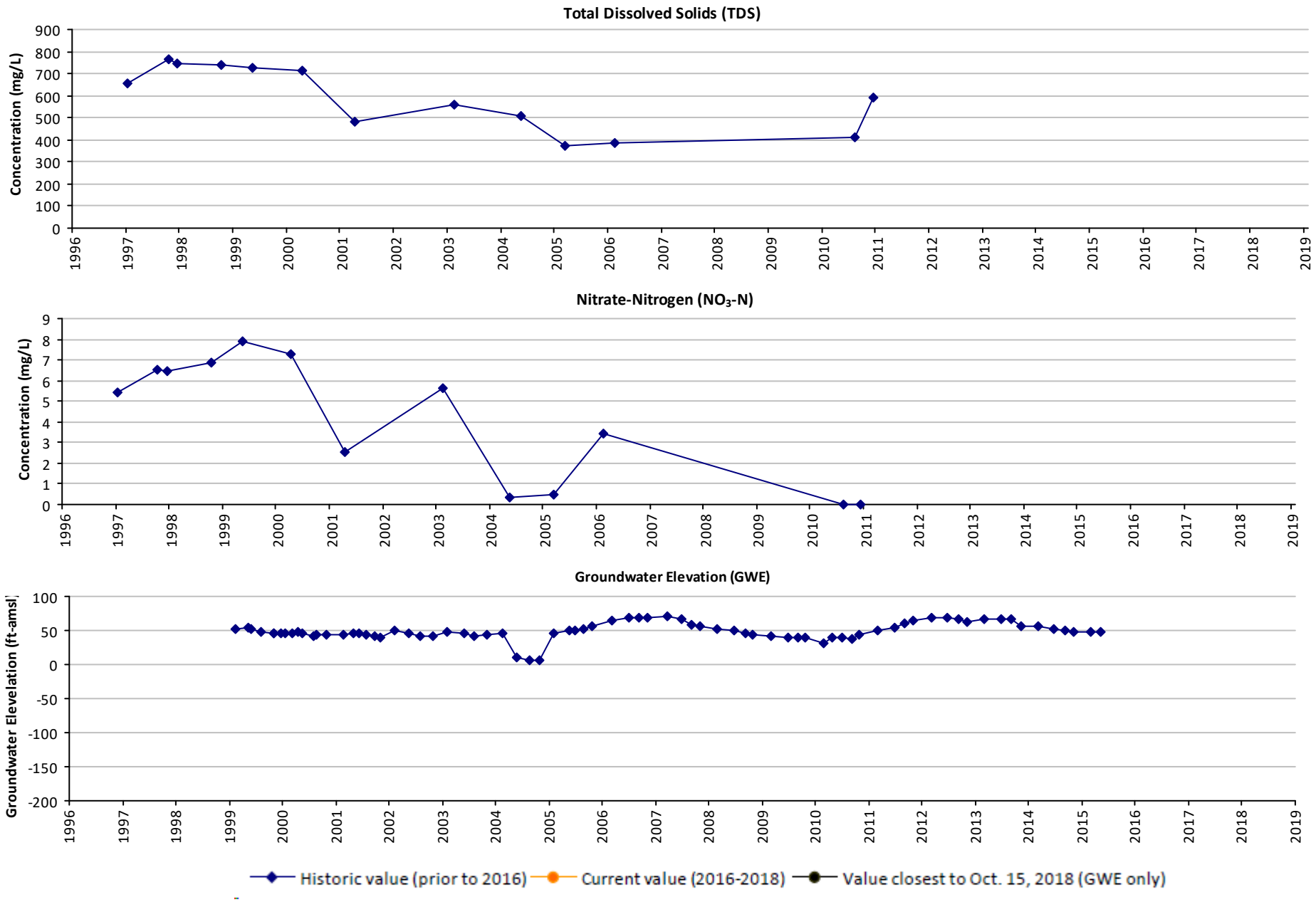
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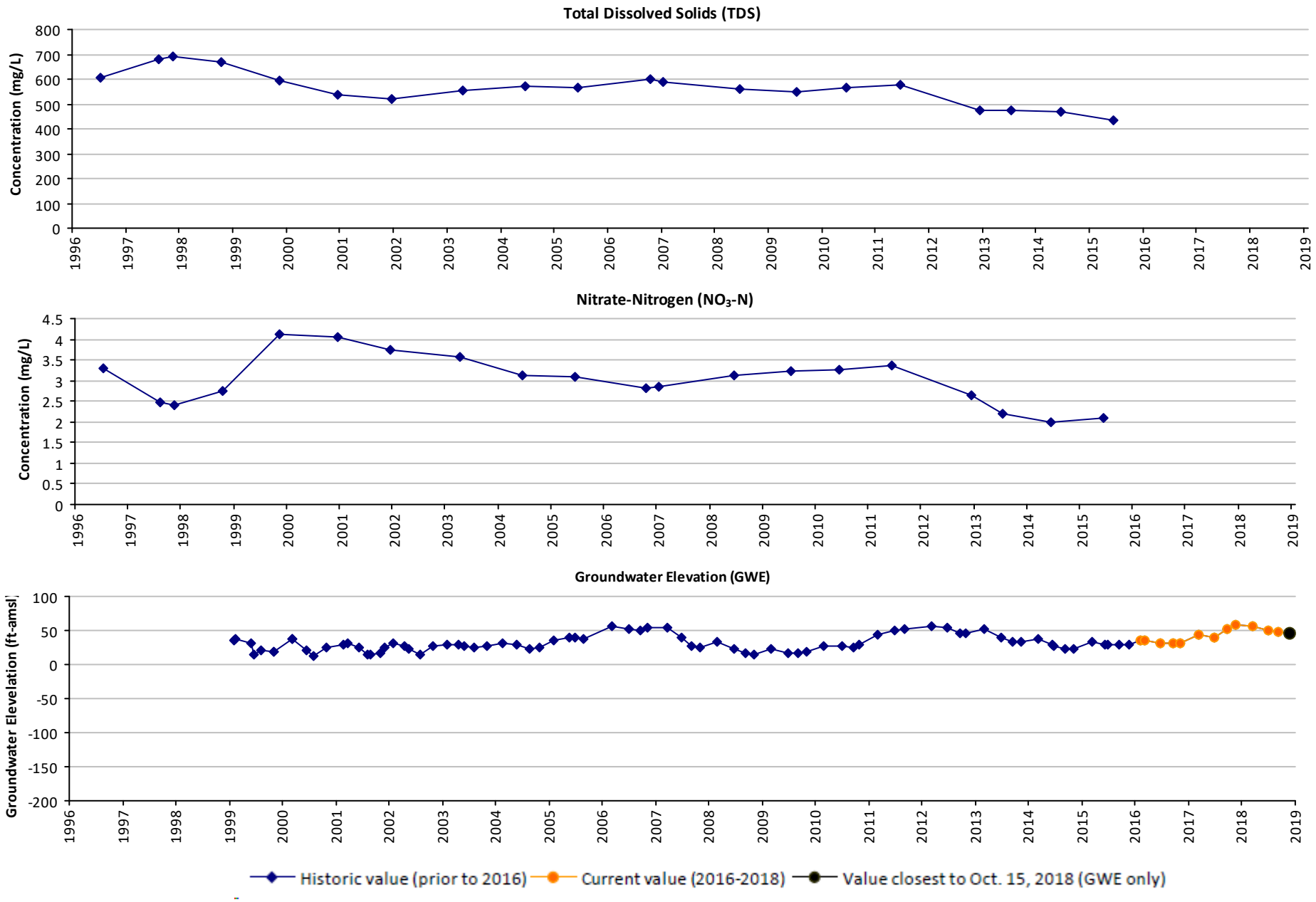
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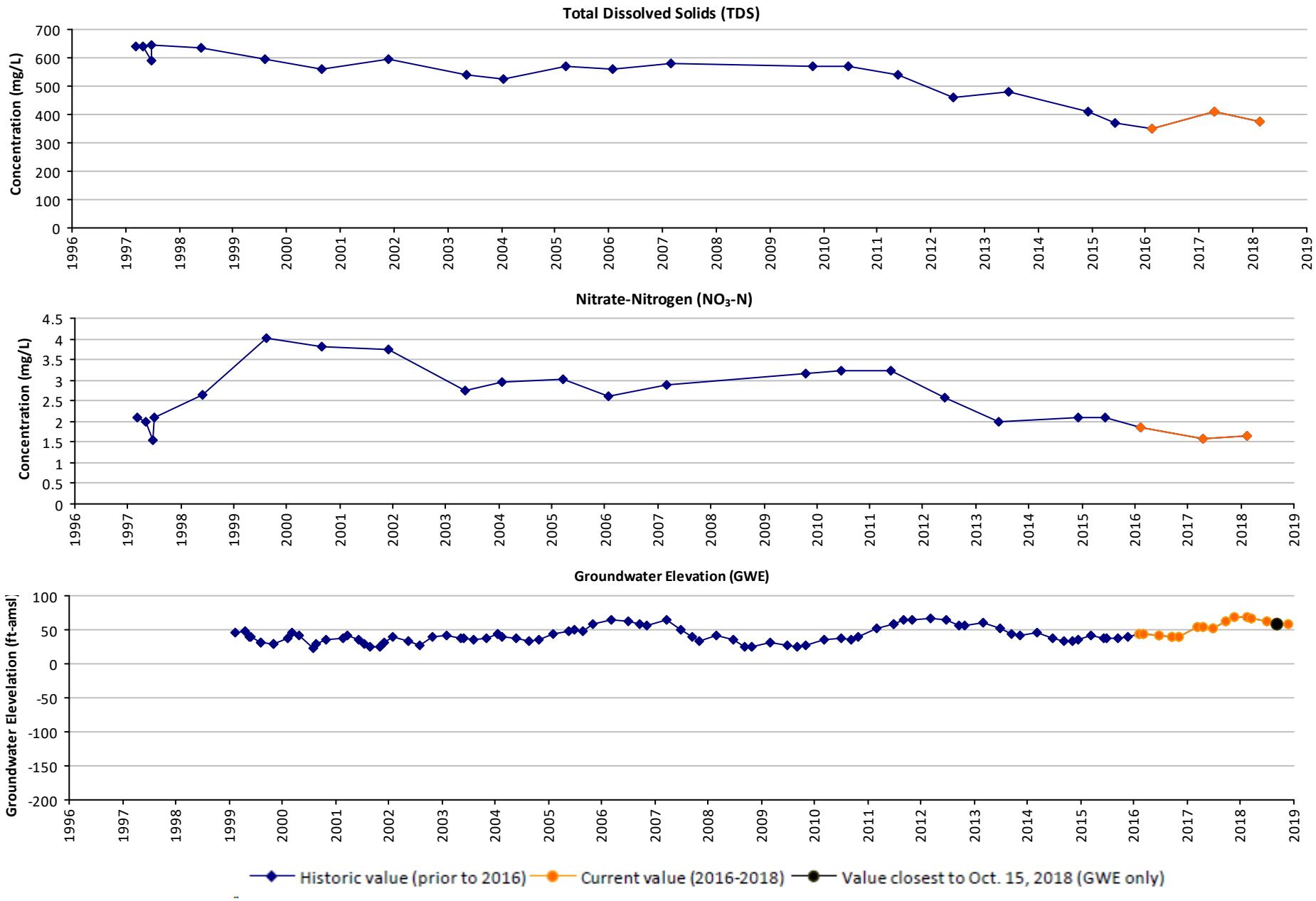
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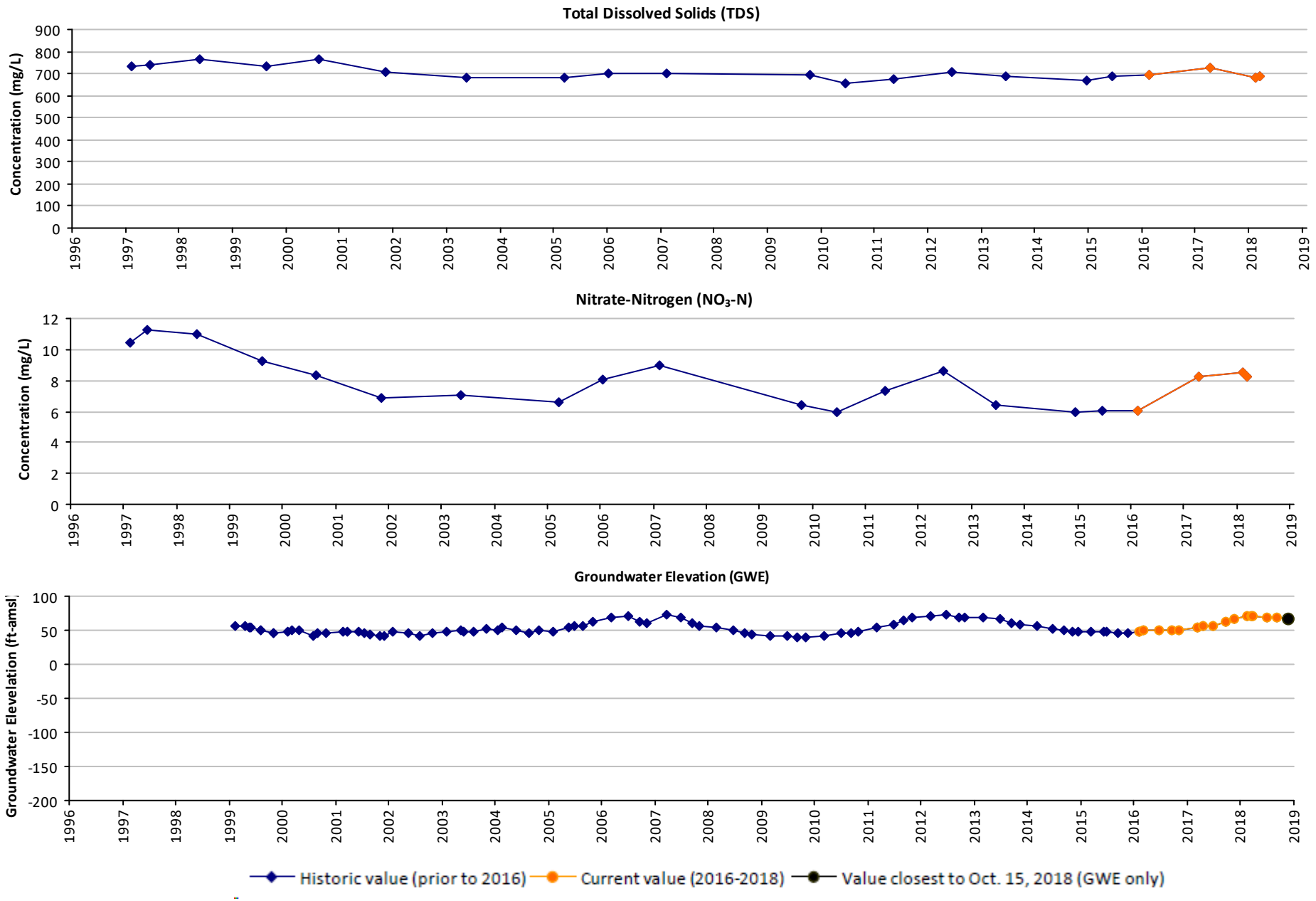
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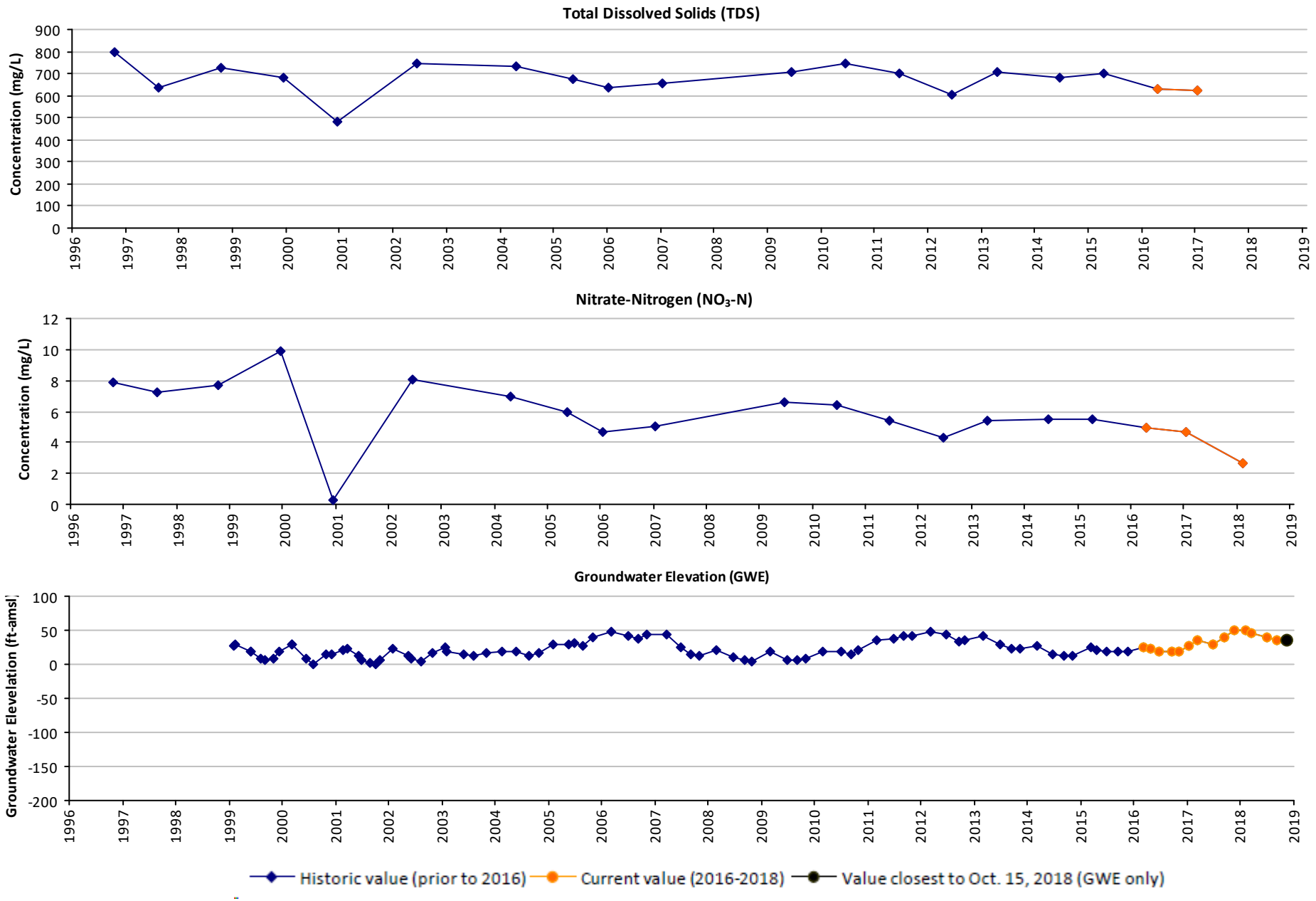
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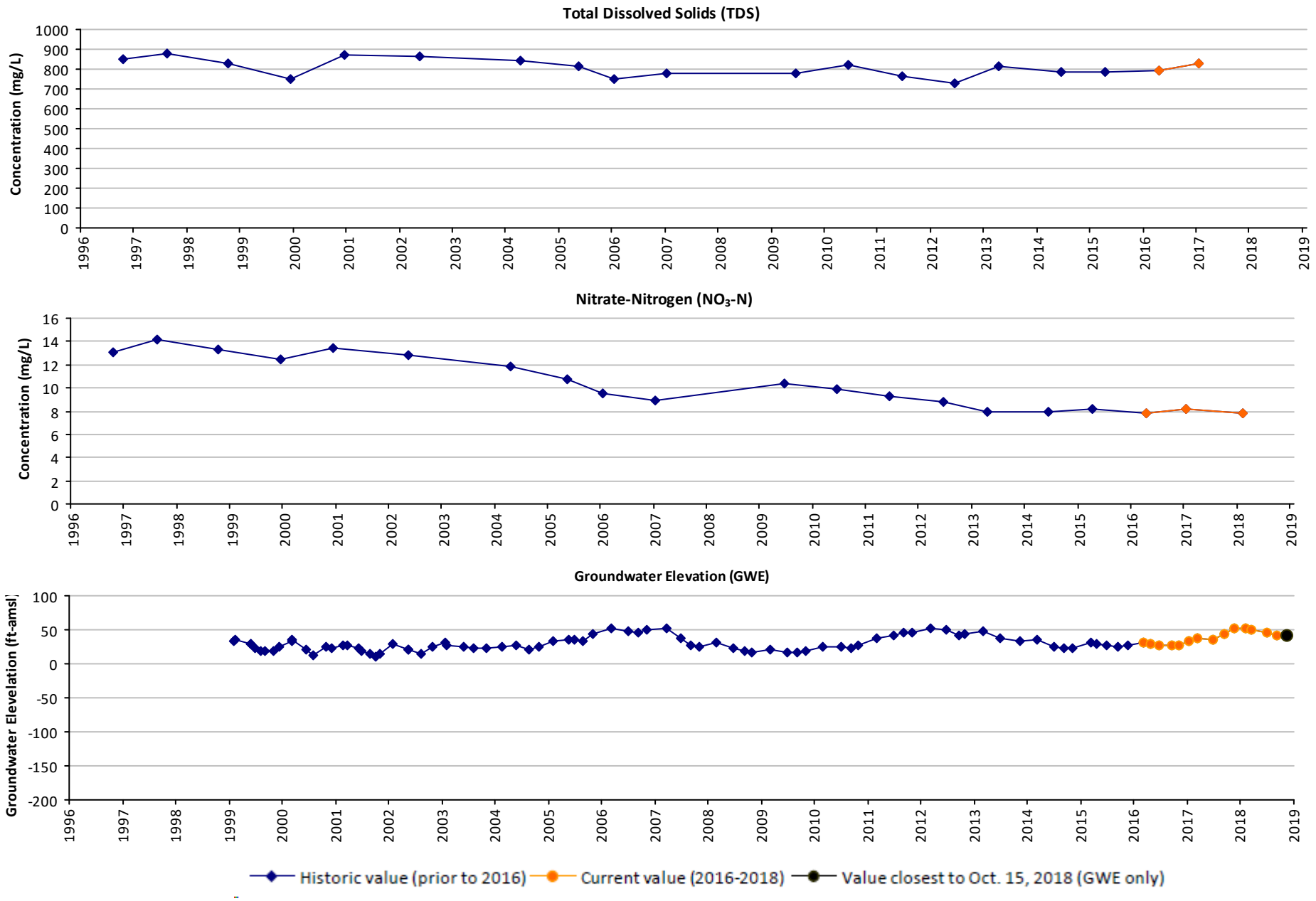
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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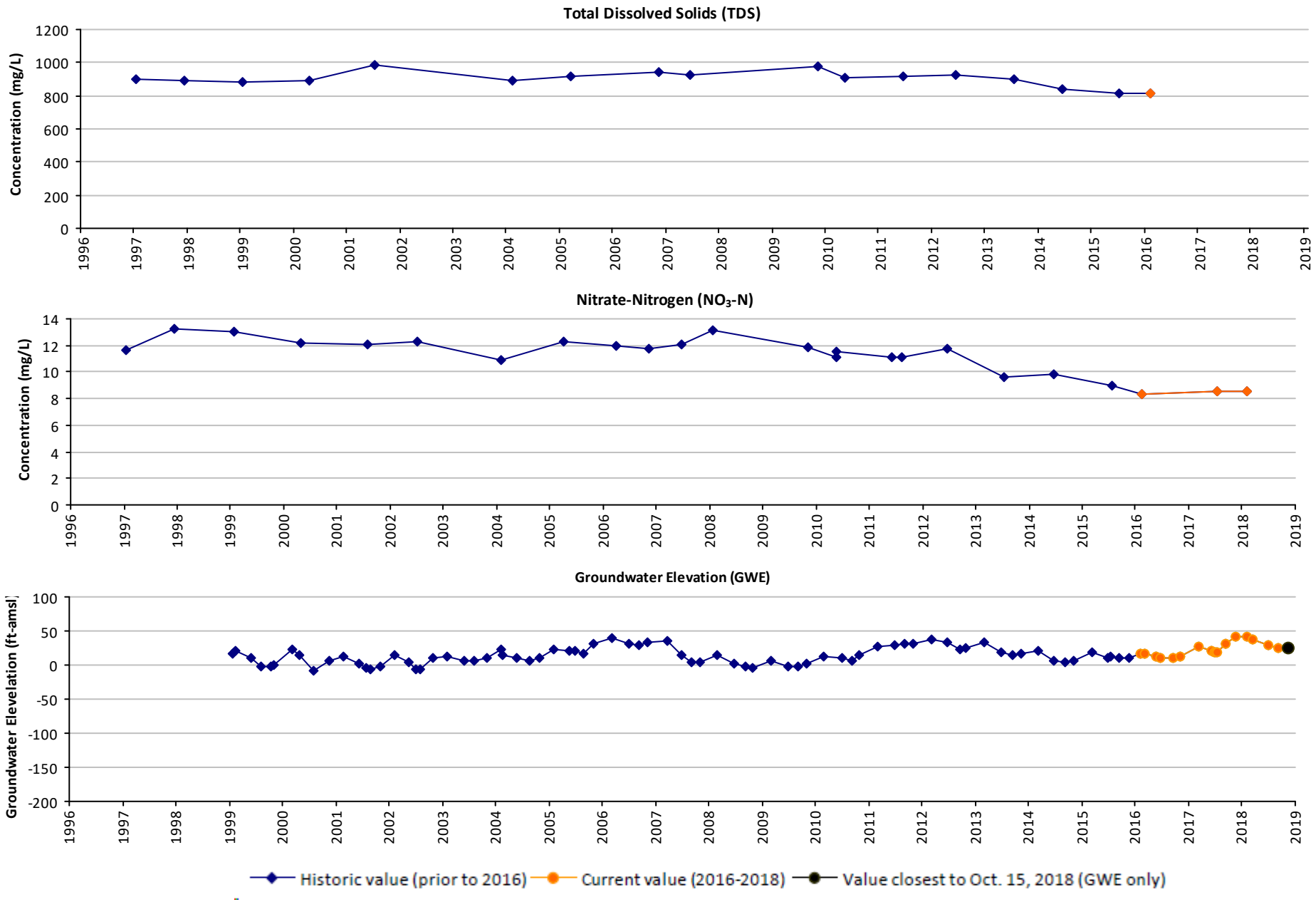
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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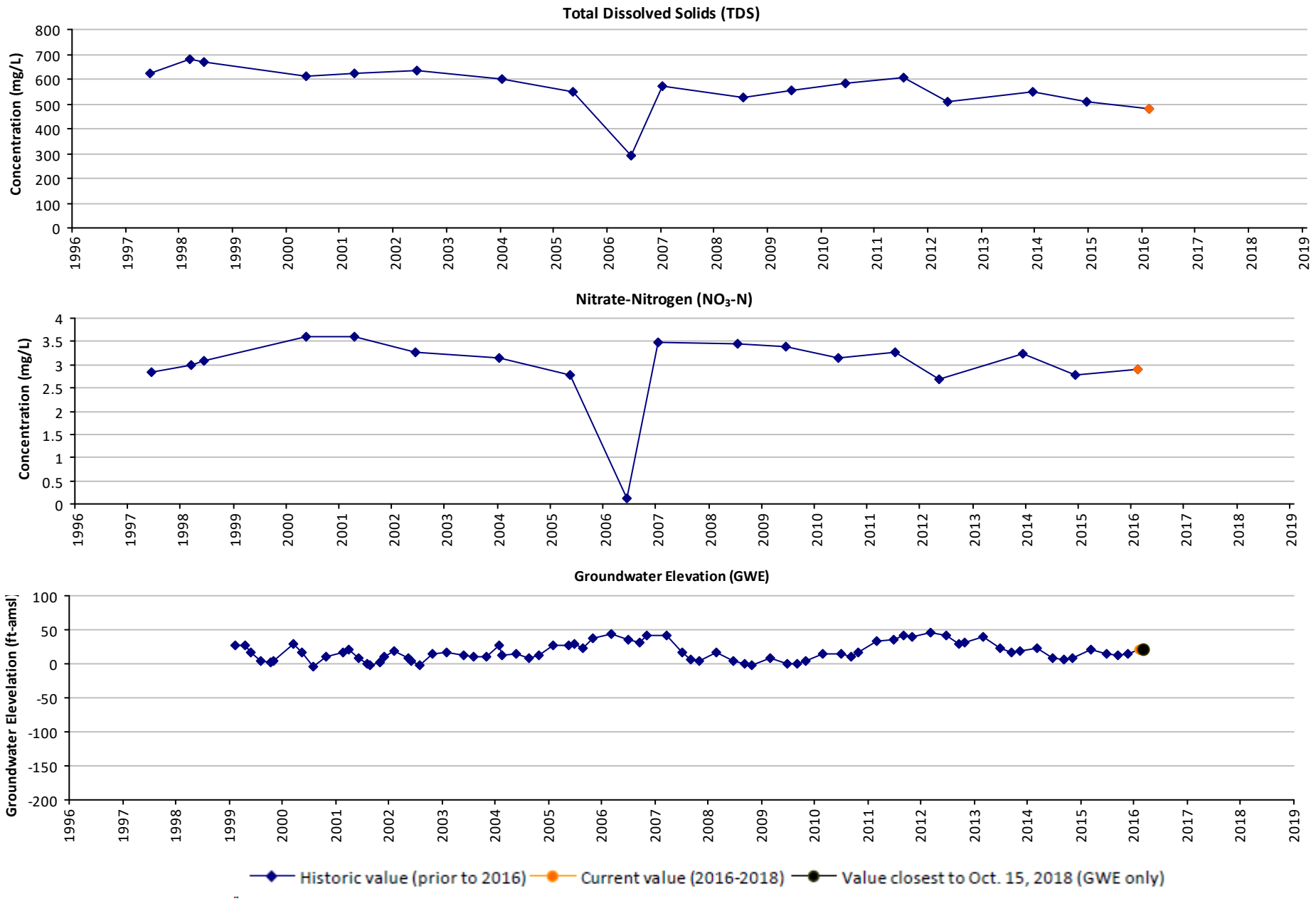
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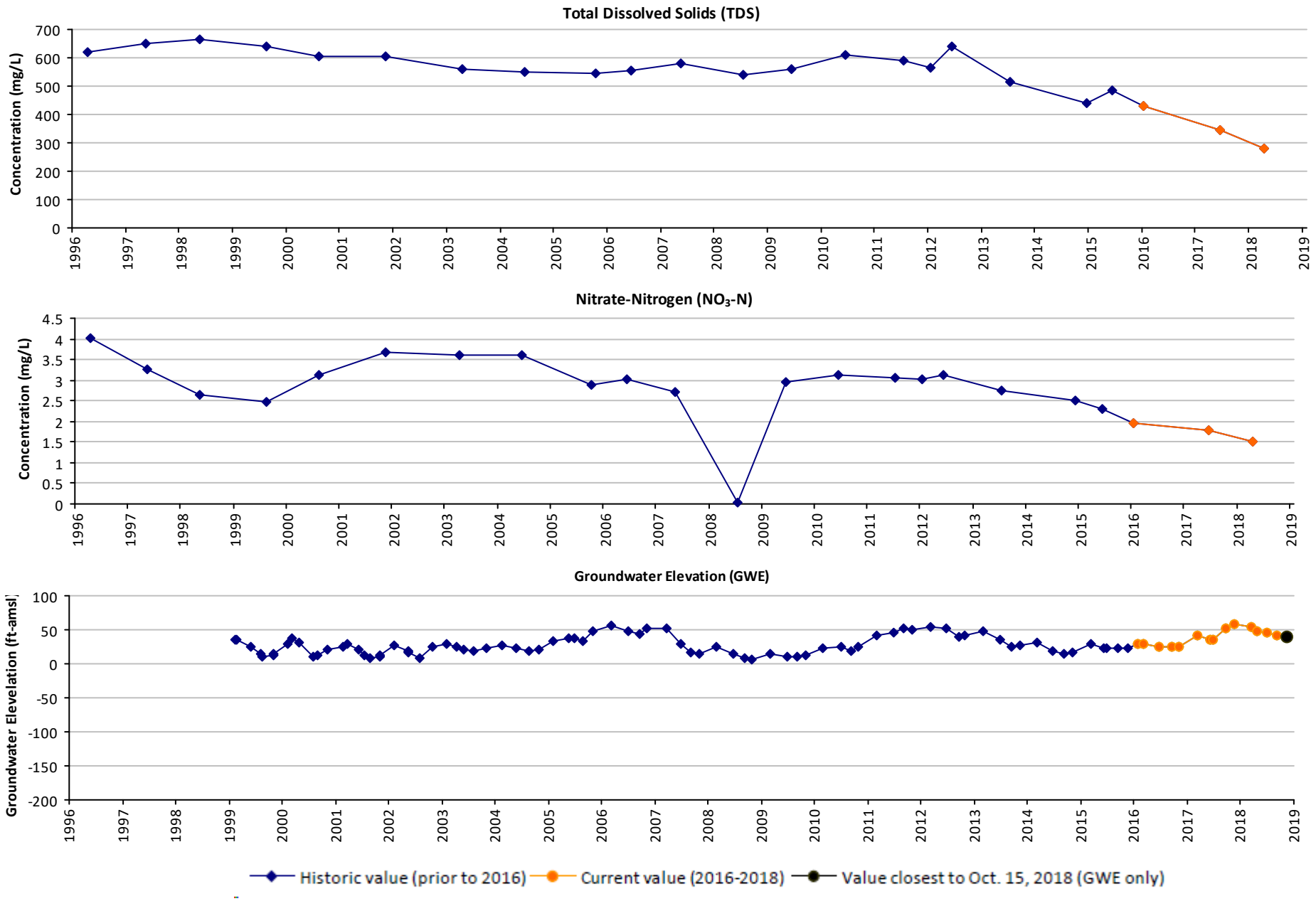
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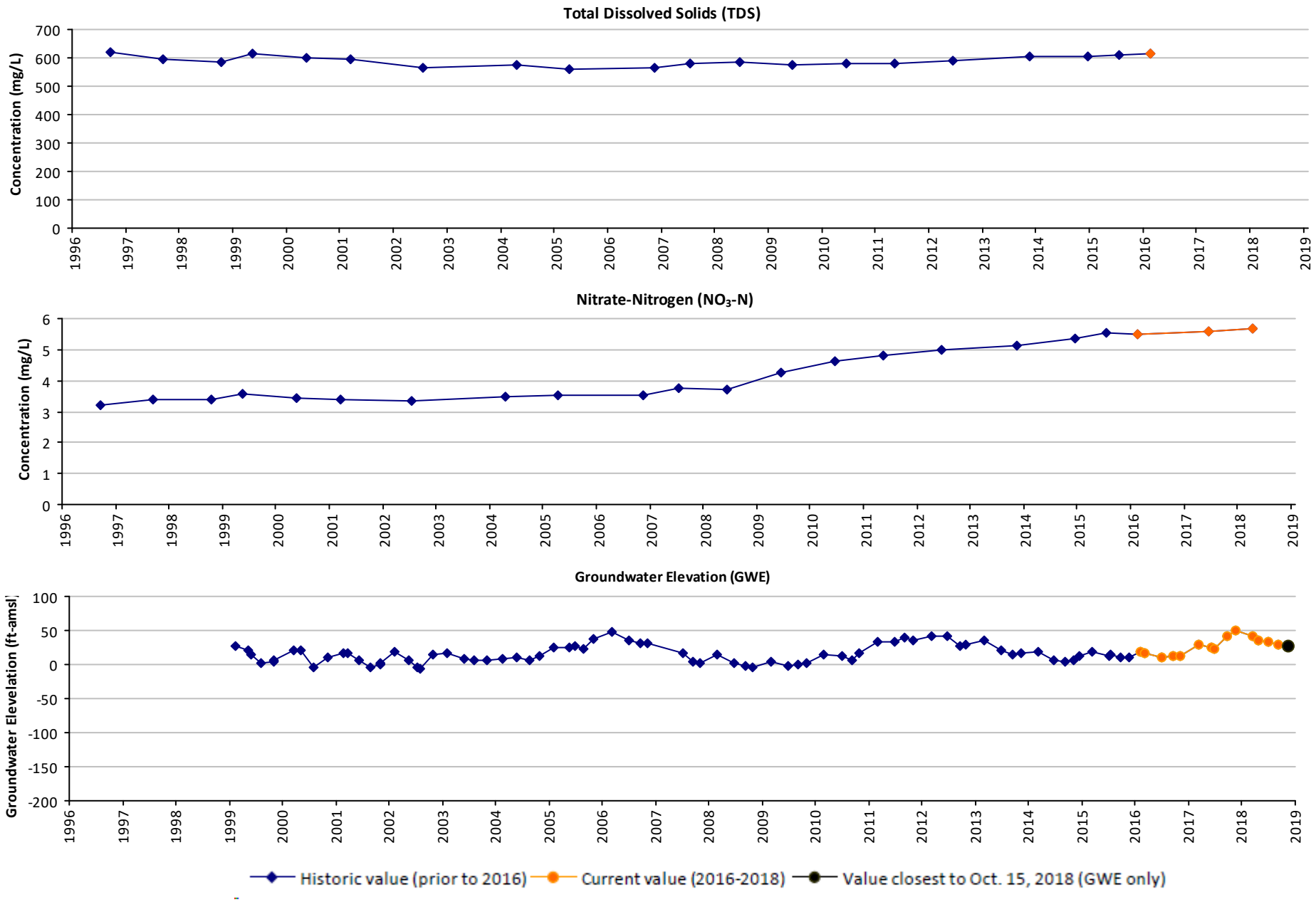
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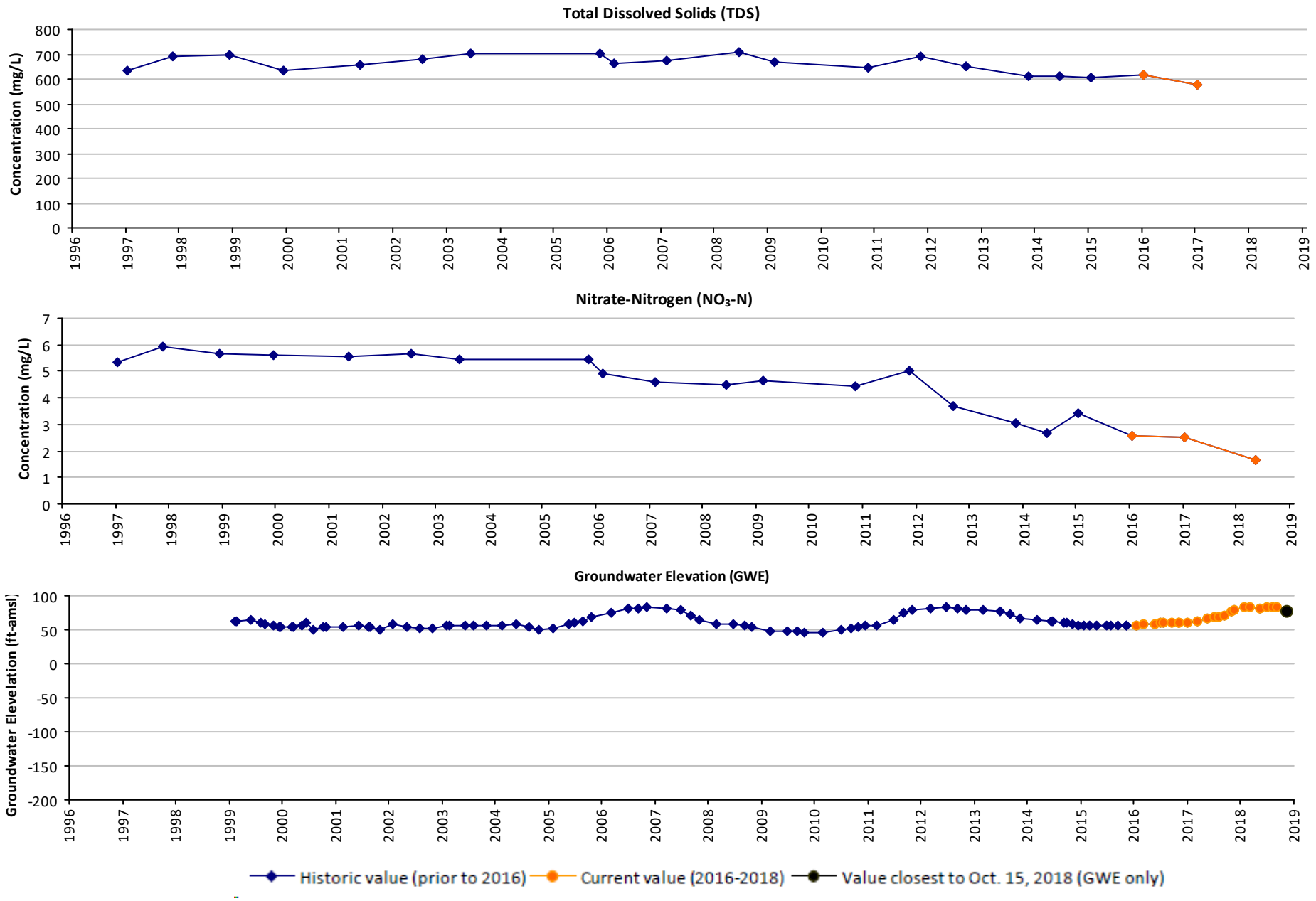
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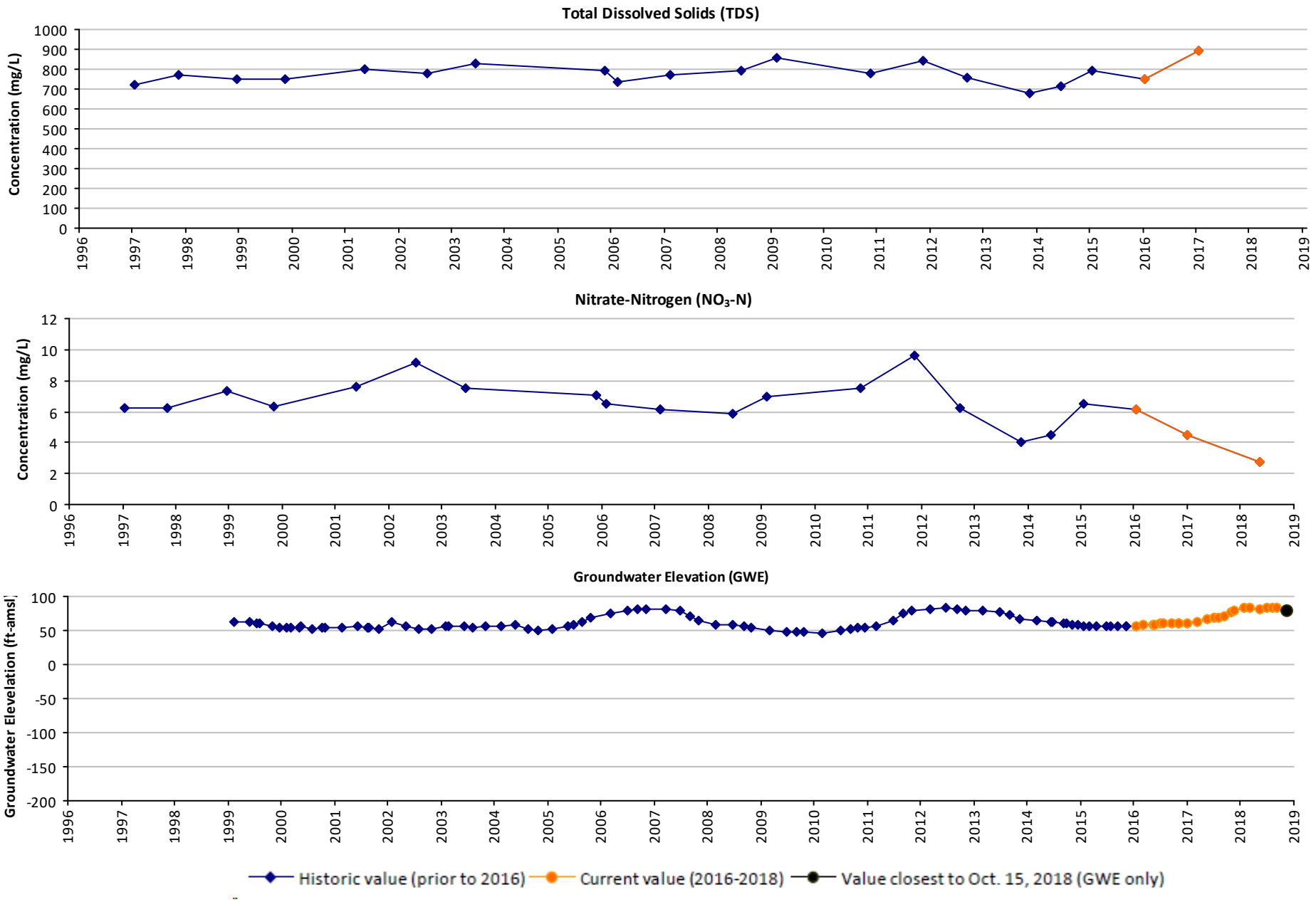
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Historic value (prior to 2016)
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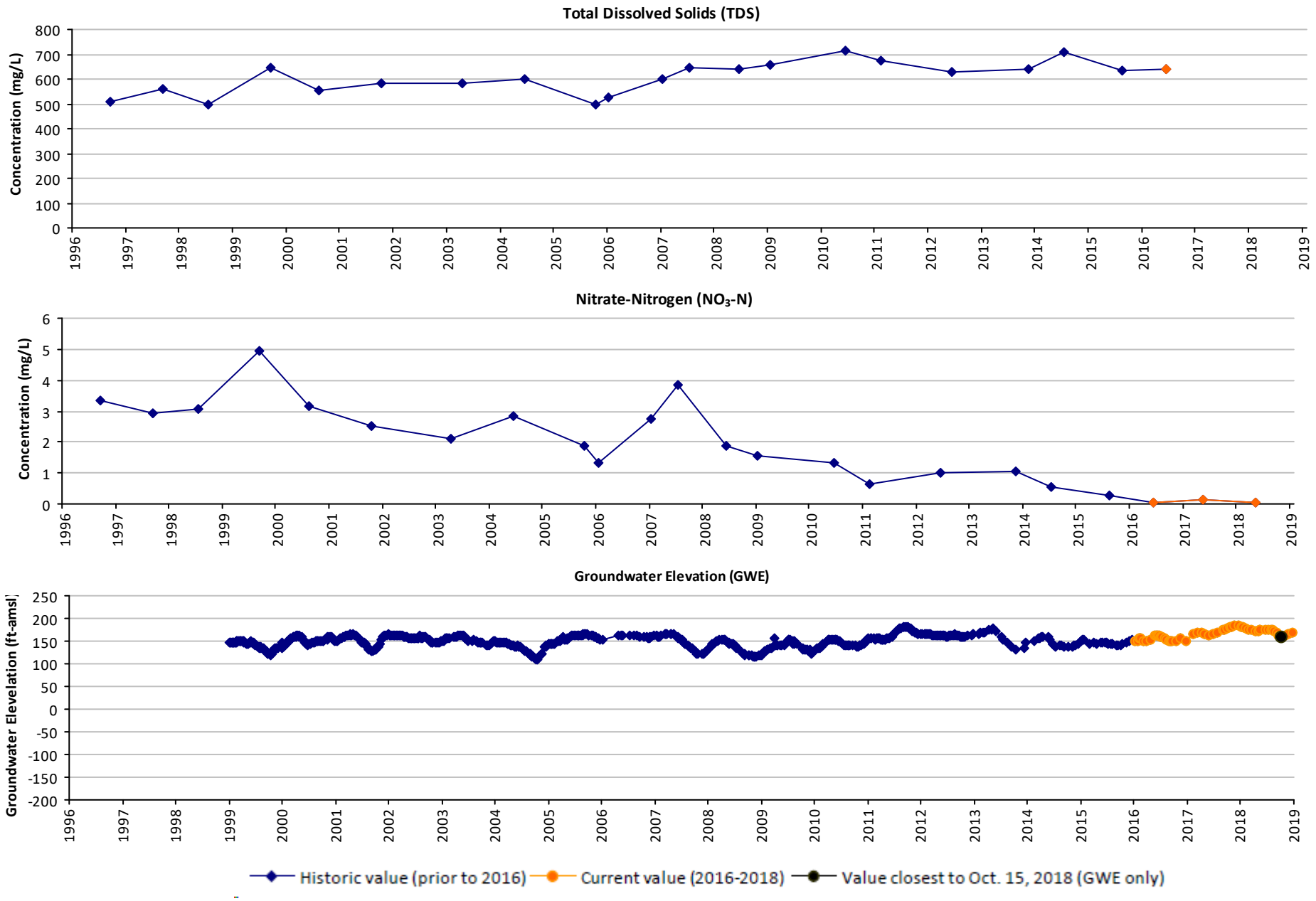
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Concentration (mg/L)
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Groundwater Elevelation (ft-amsl)
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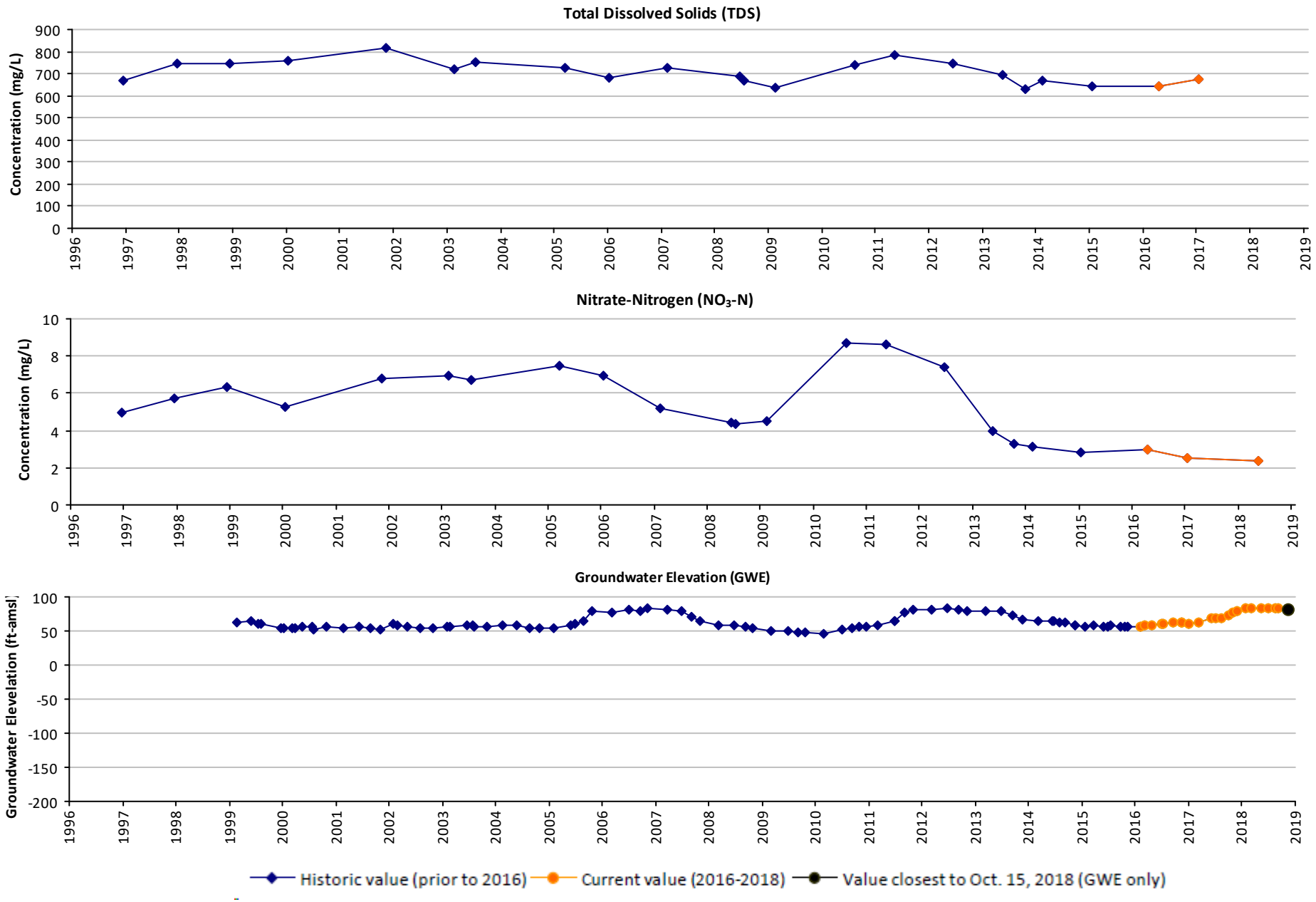
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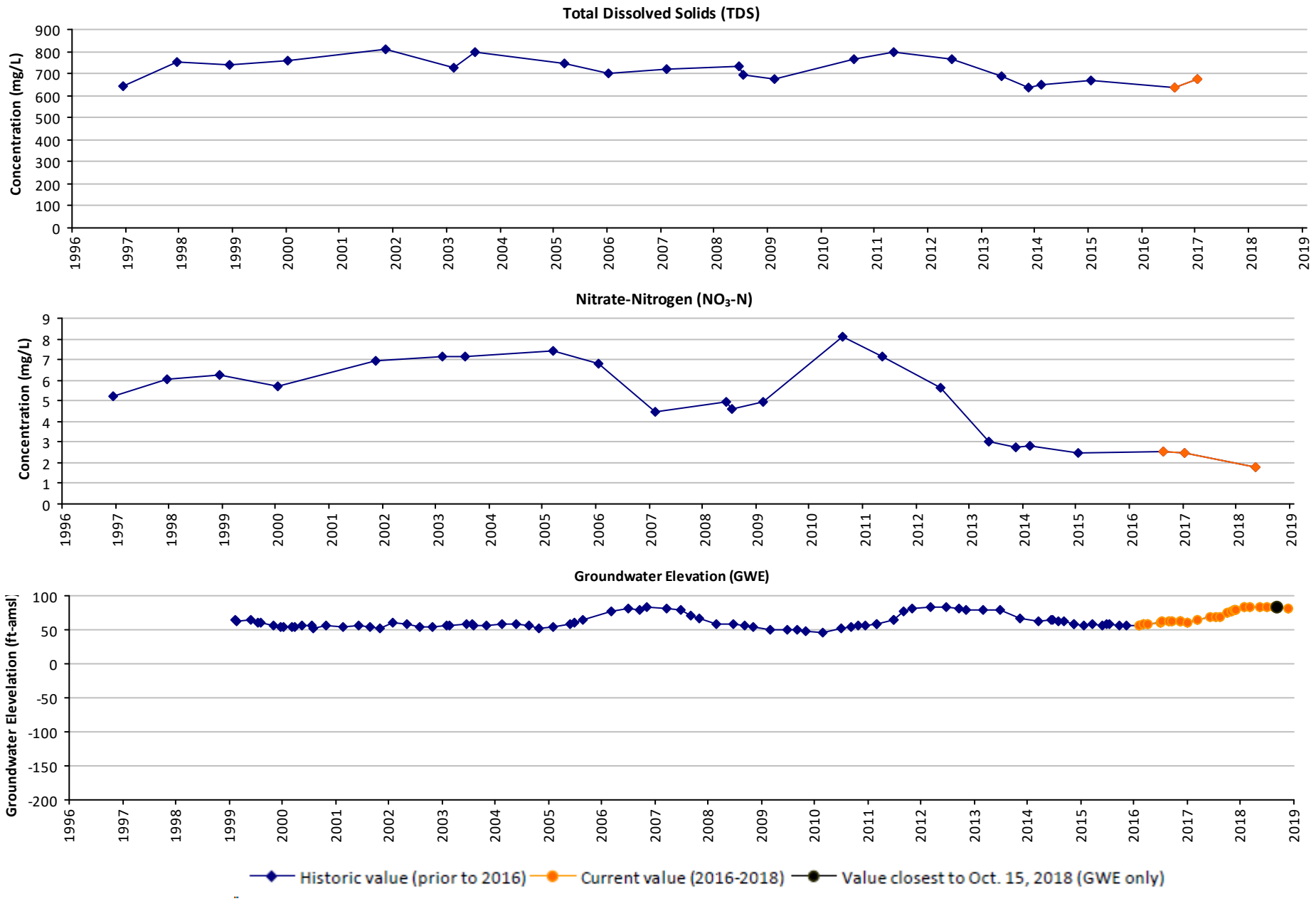
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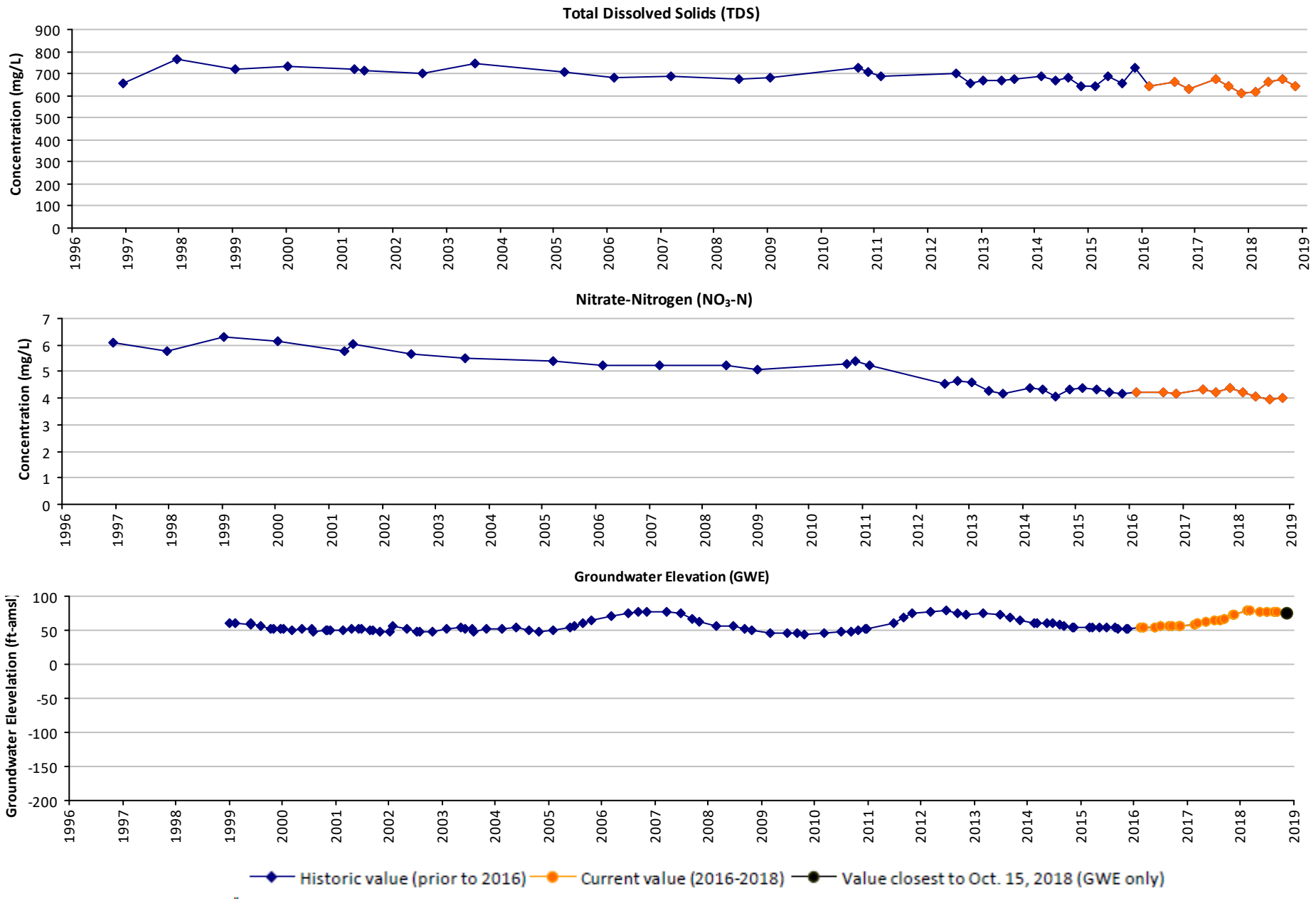
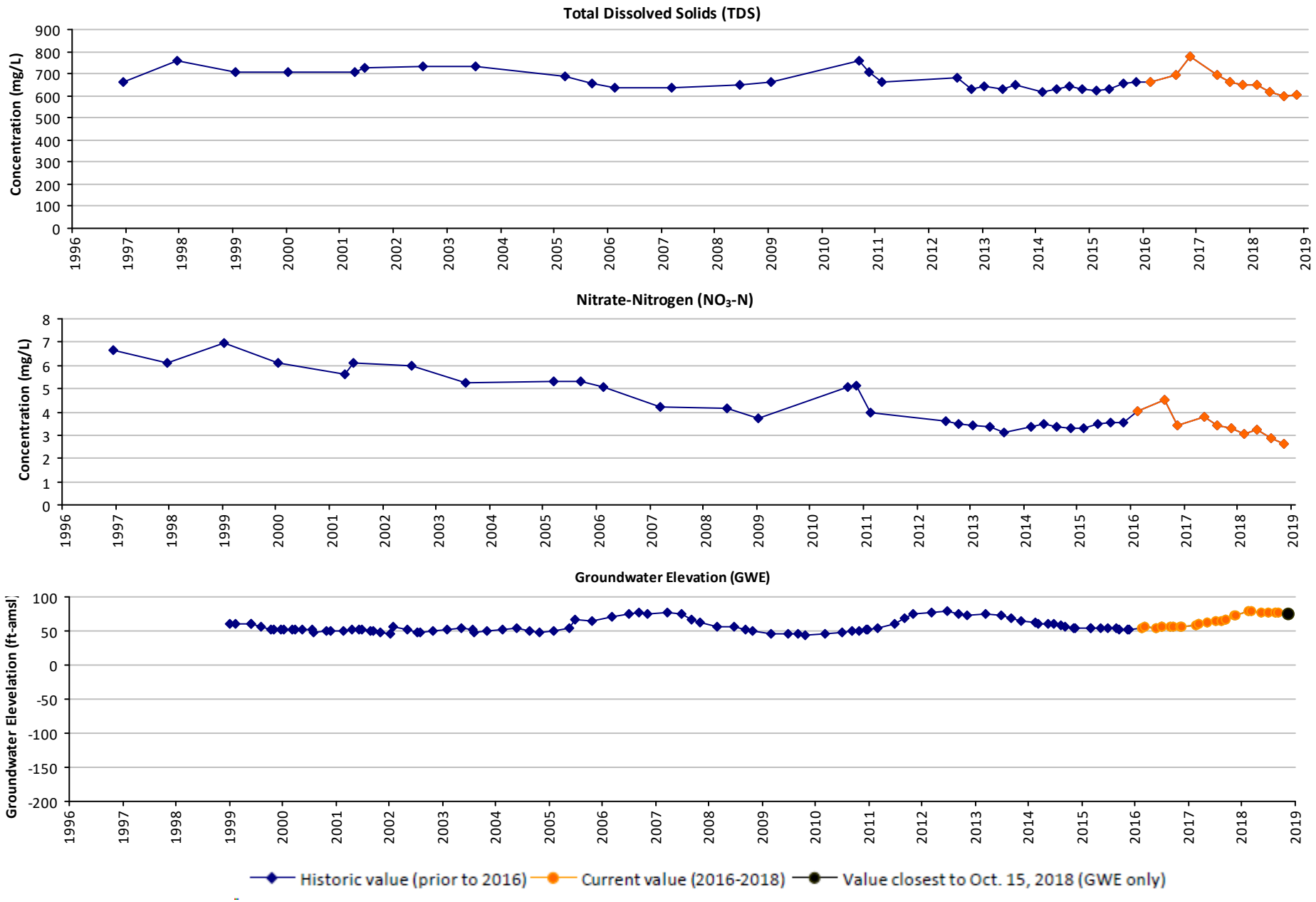

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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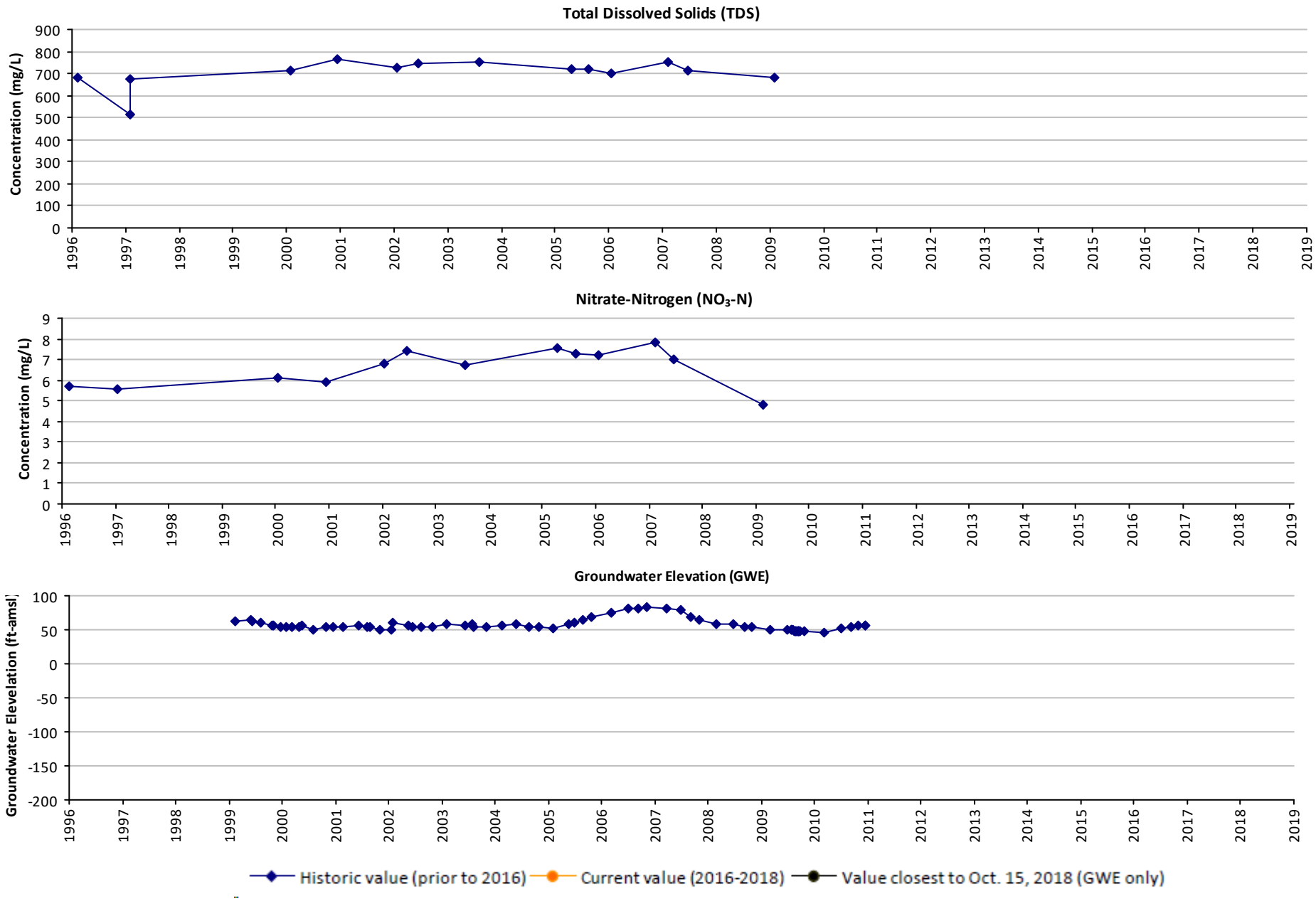
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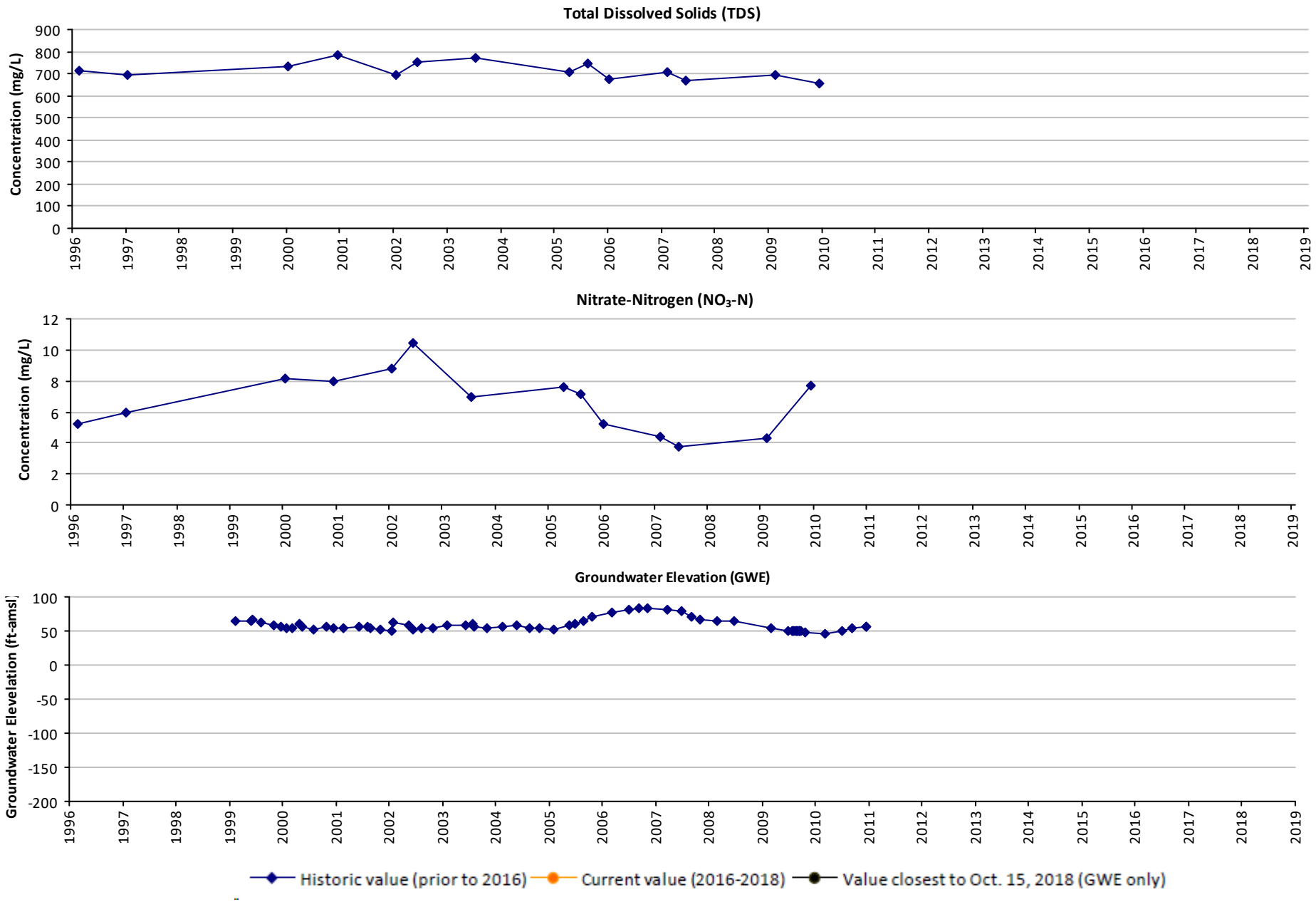
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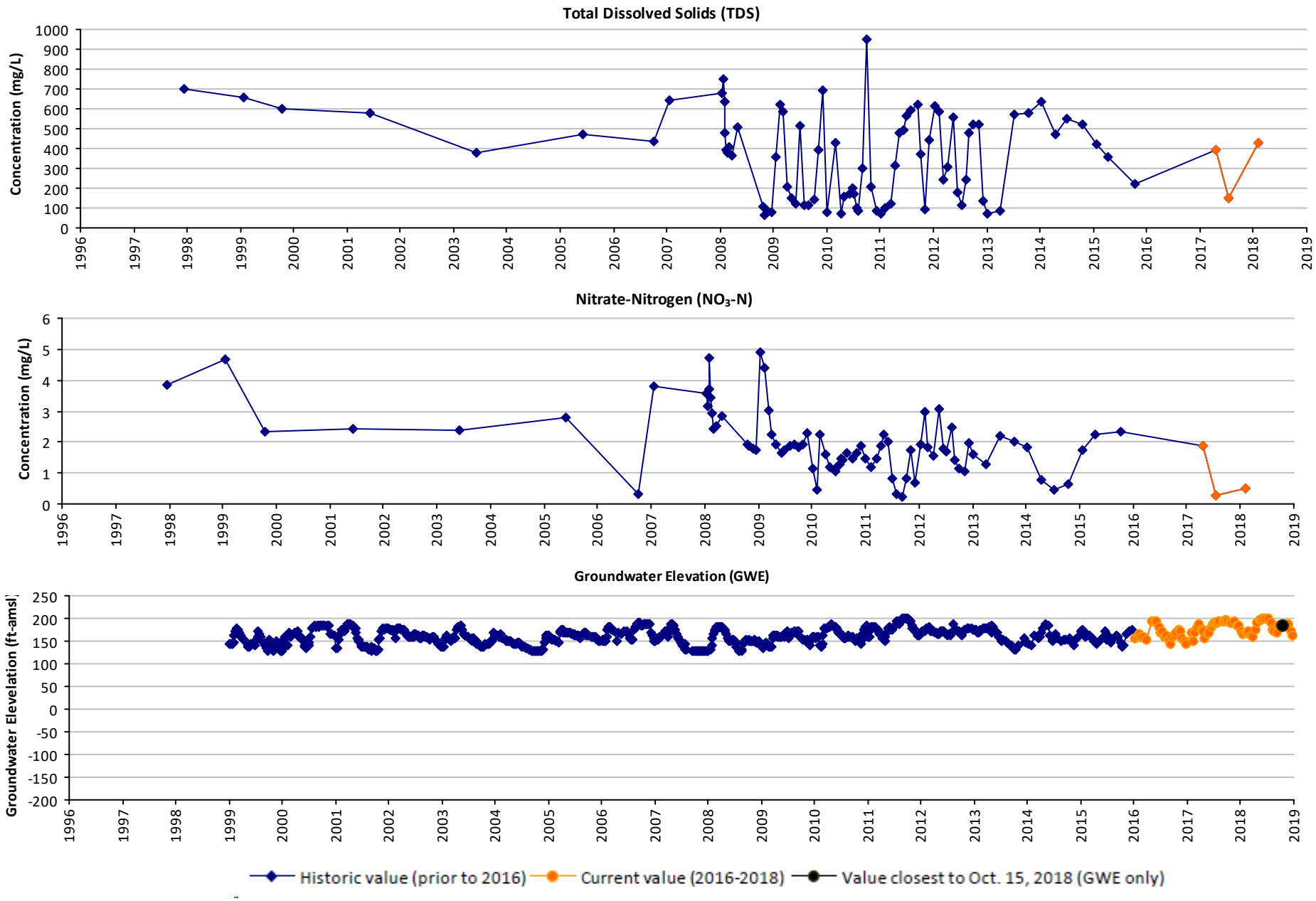
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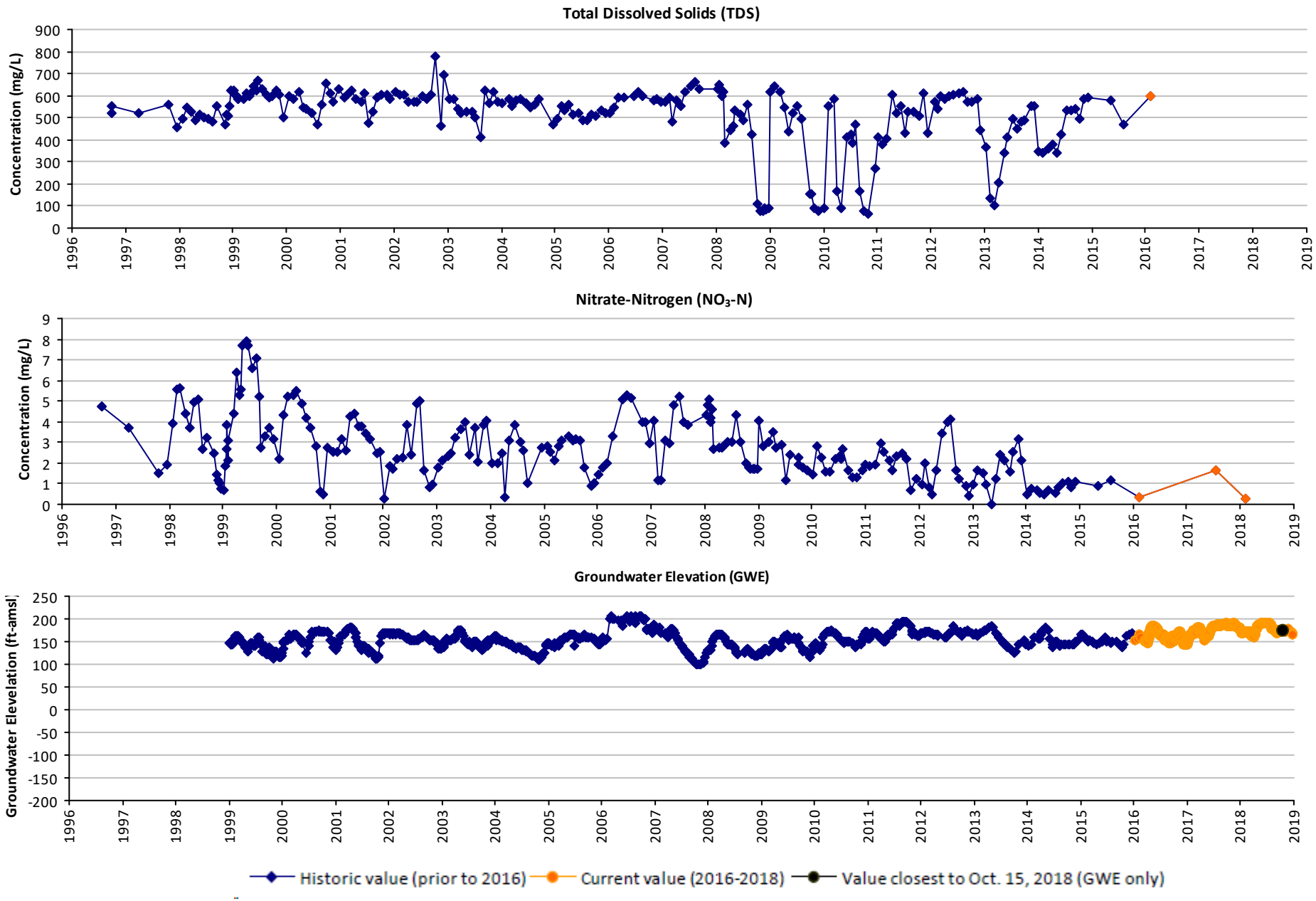
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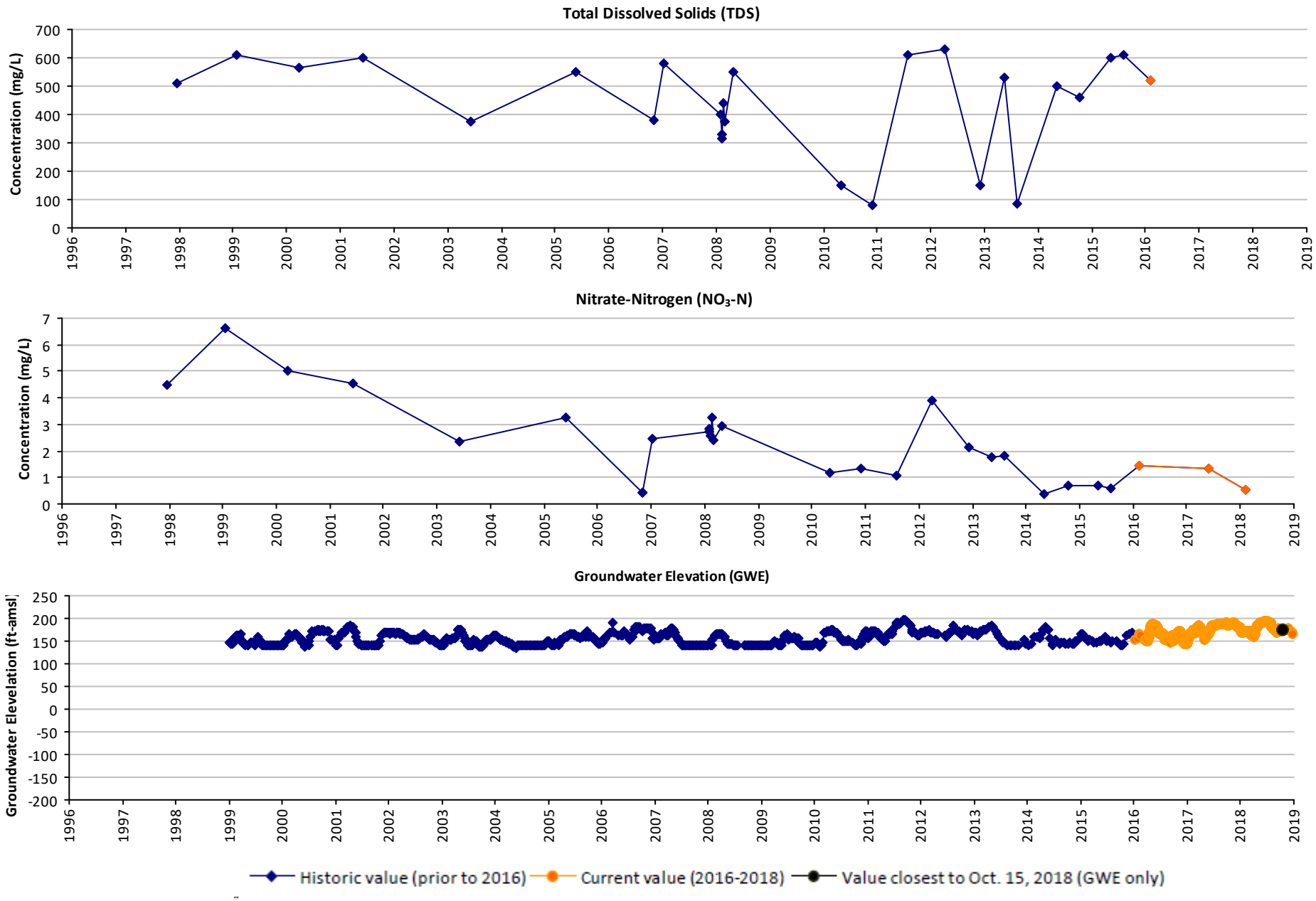
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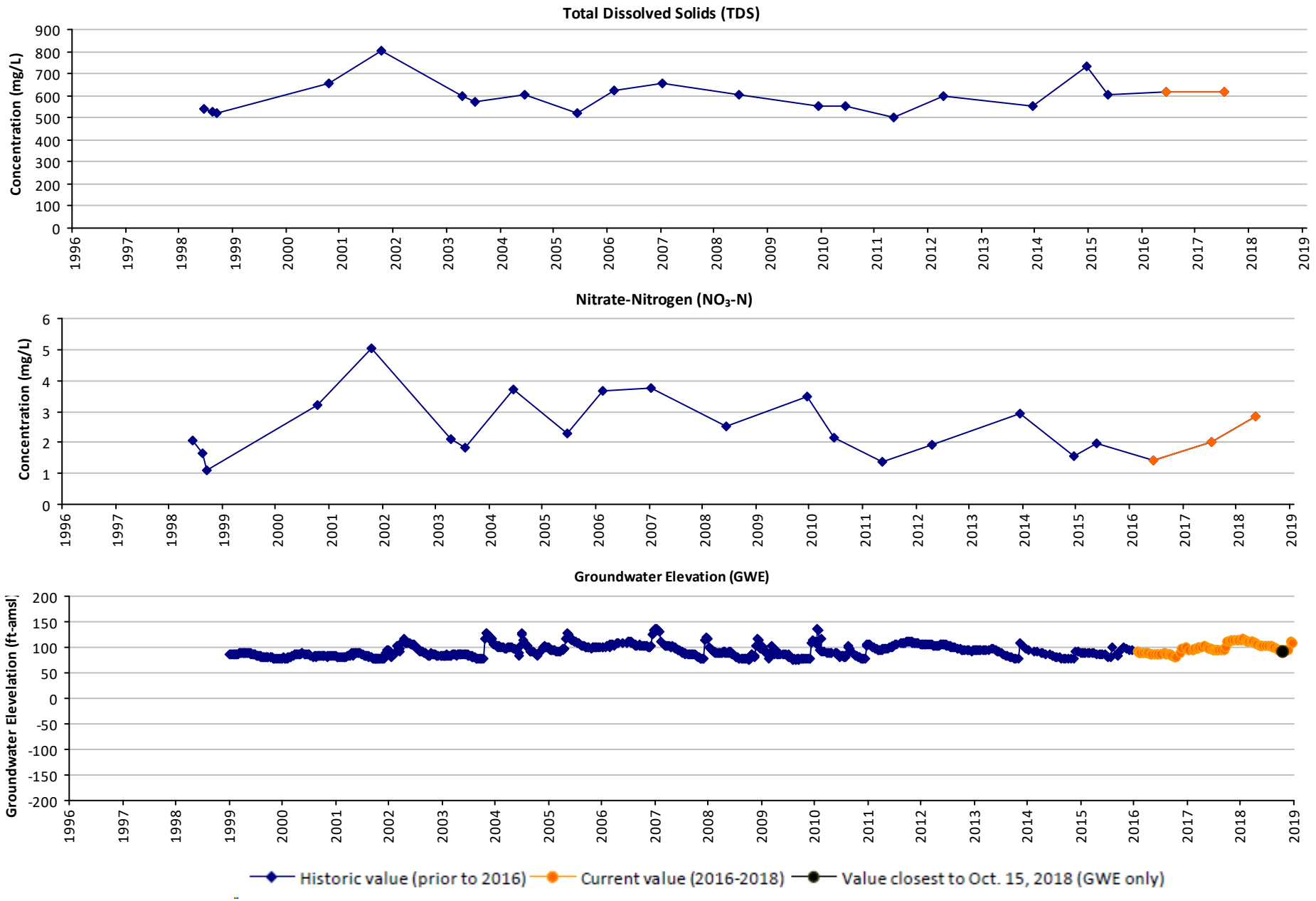
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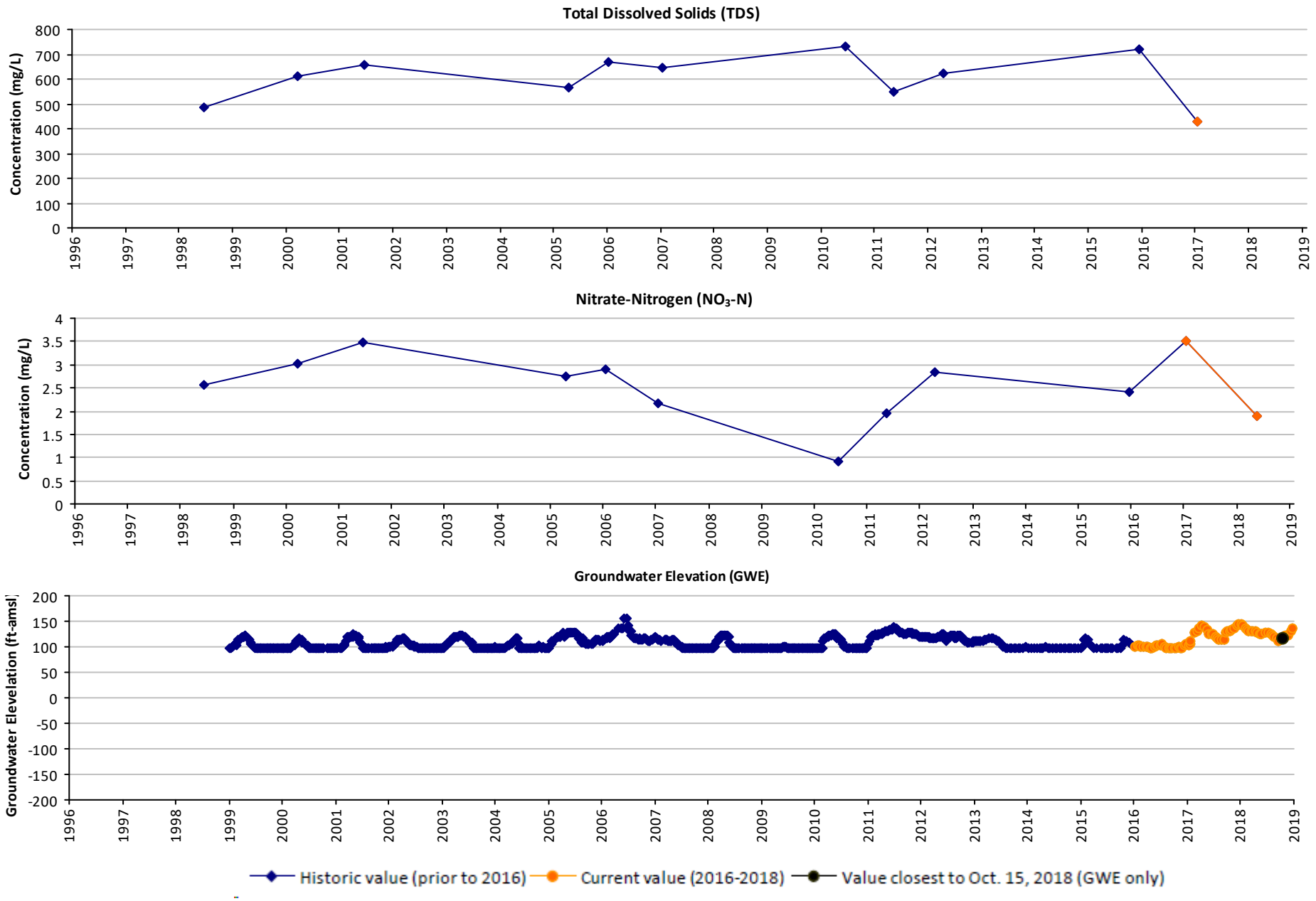
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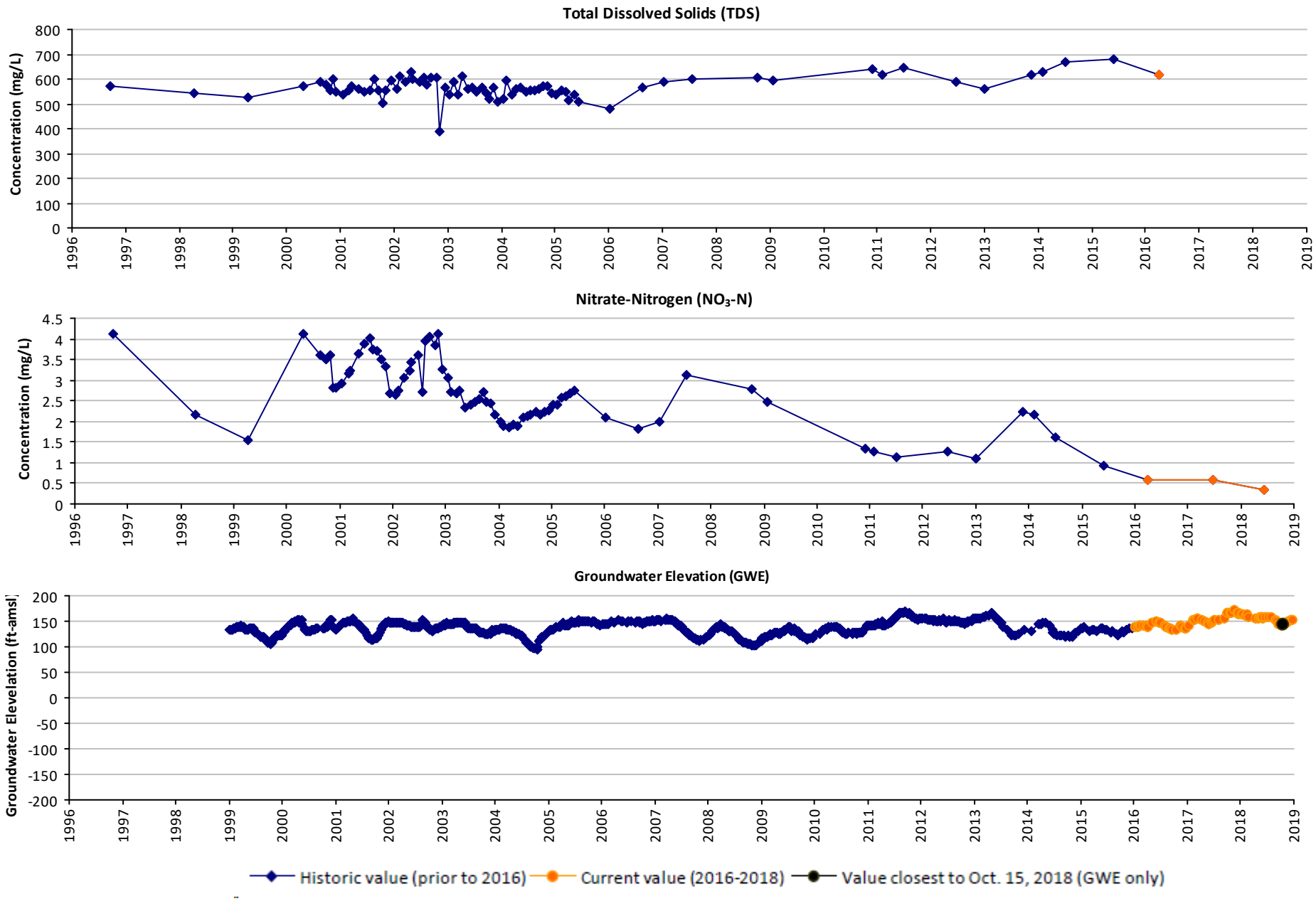
Total Dissolved Solids (TDS)
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Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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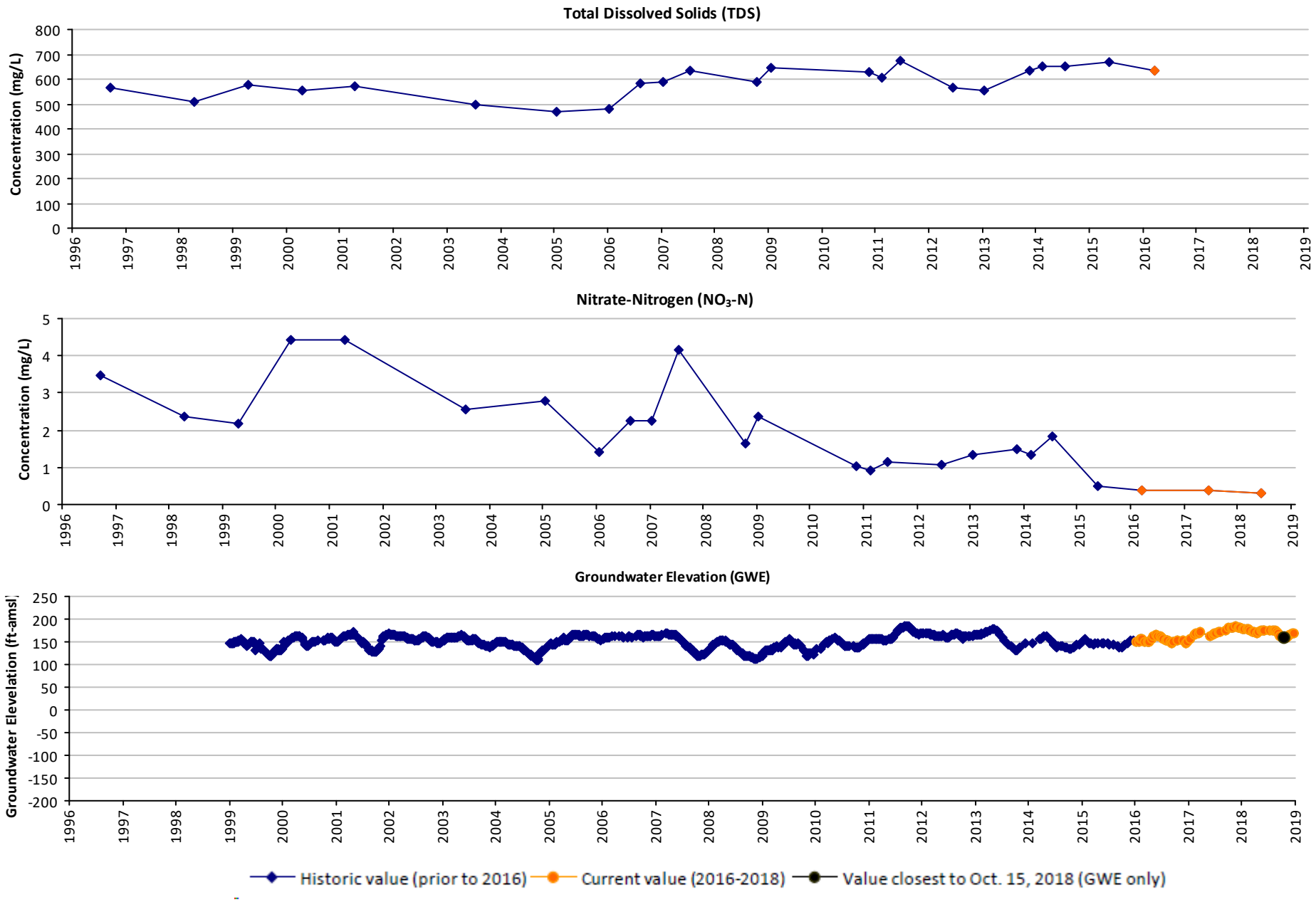
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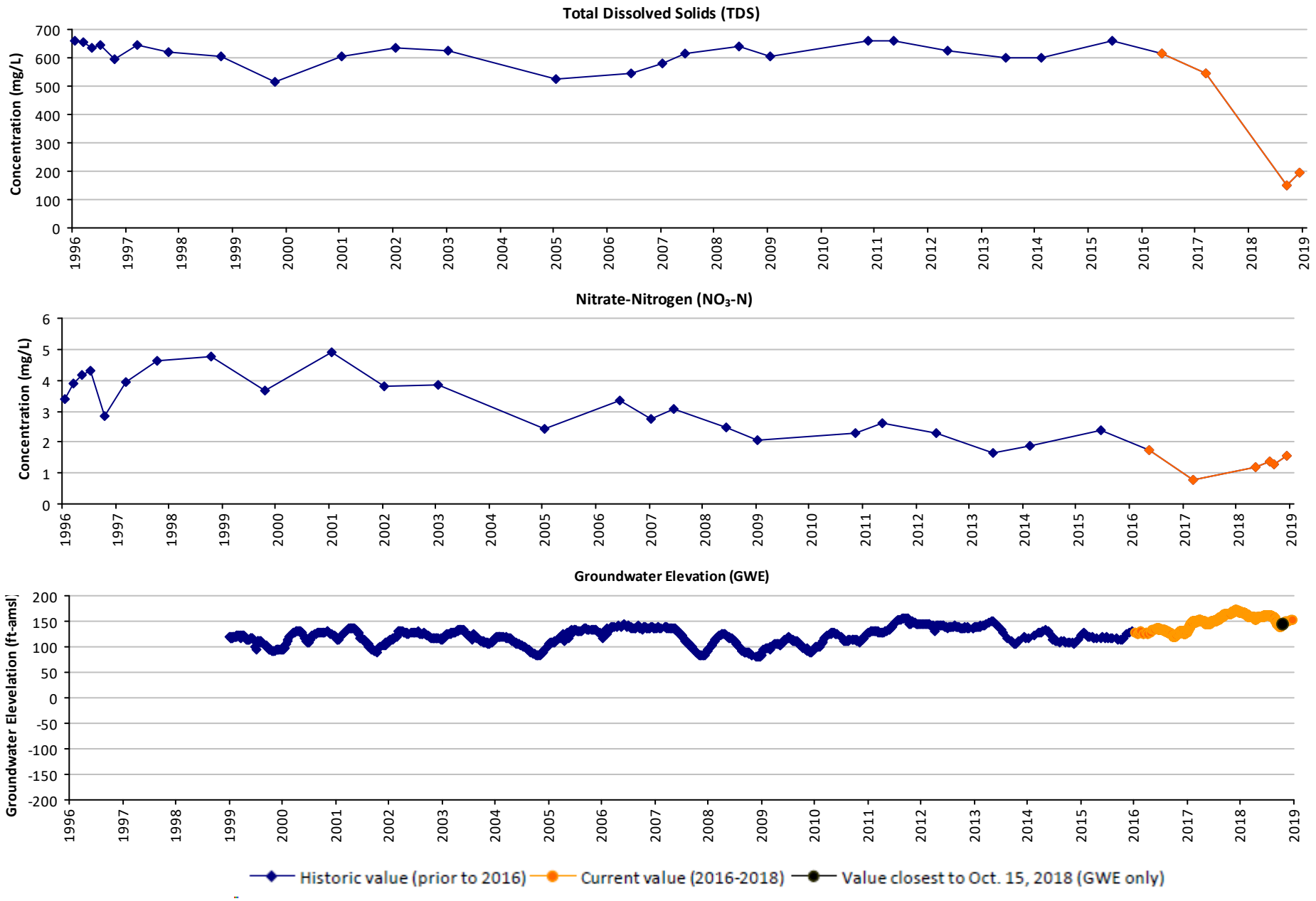
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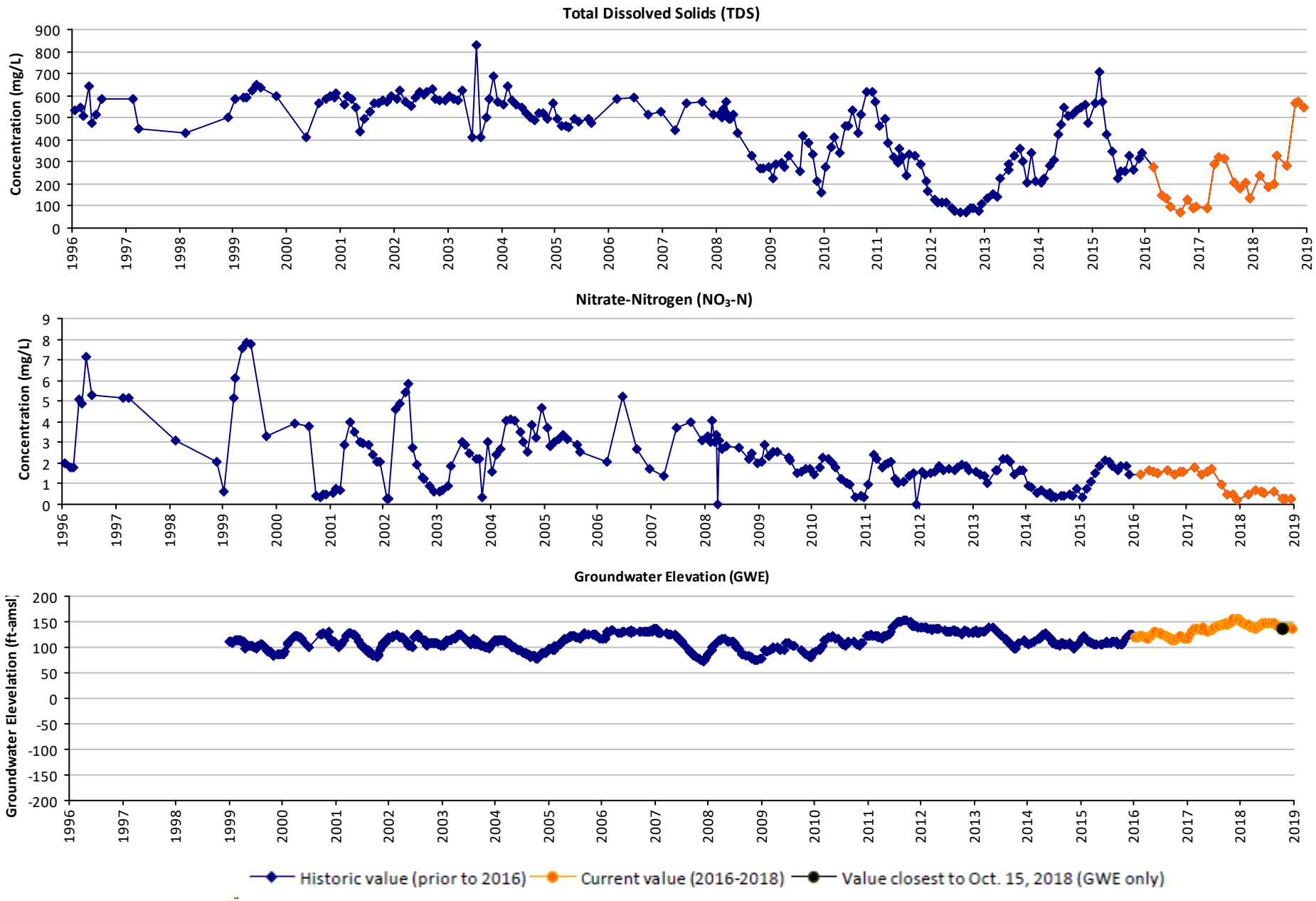
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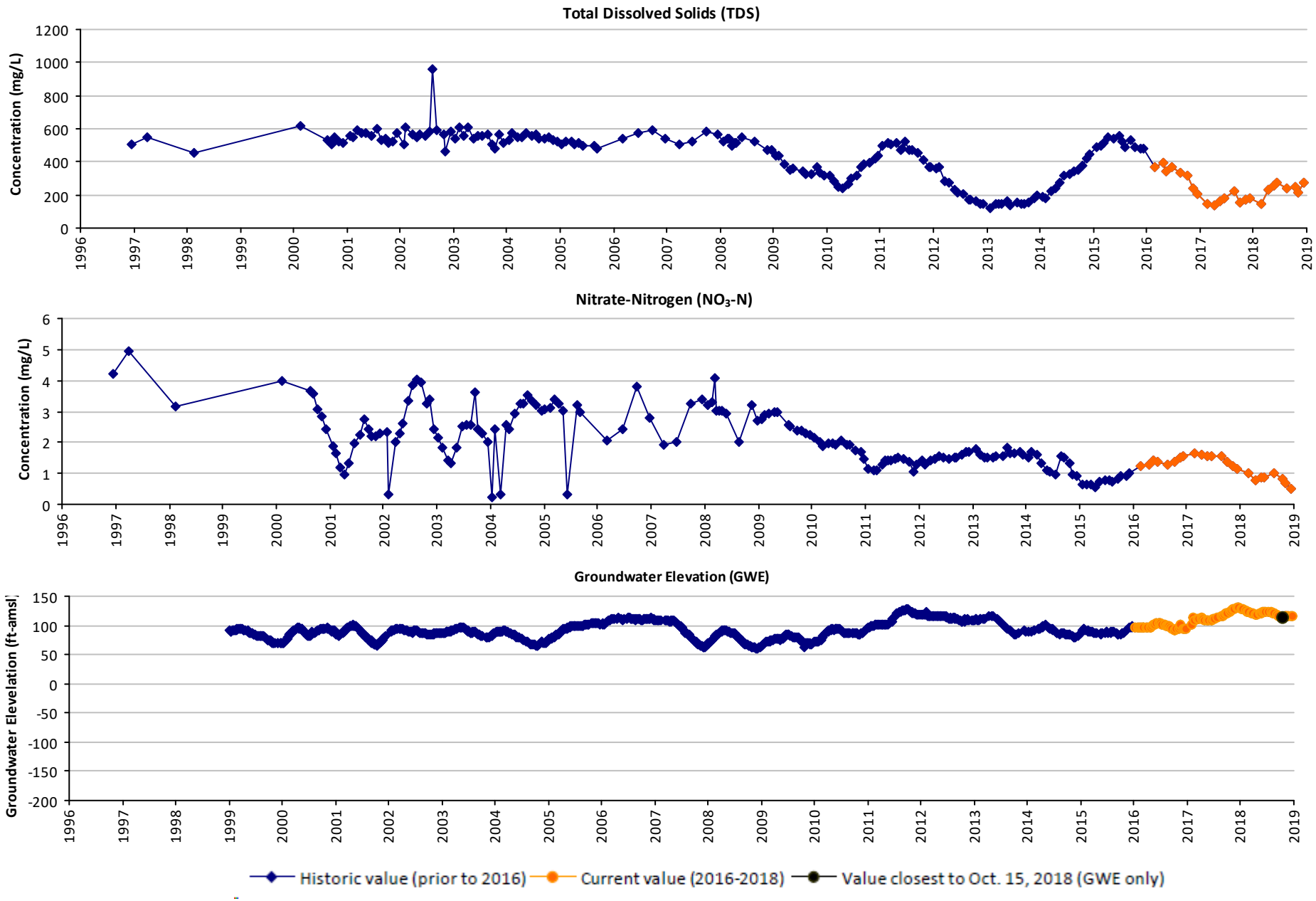
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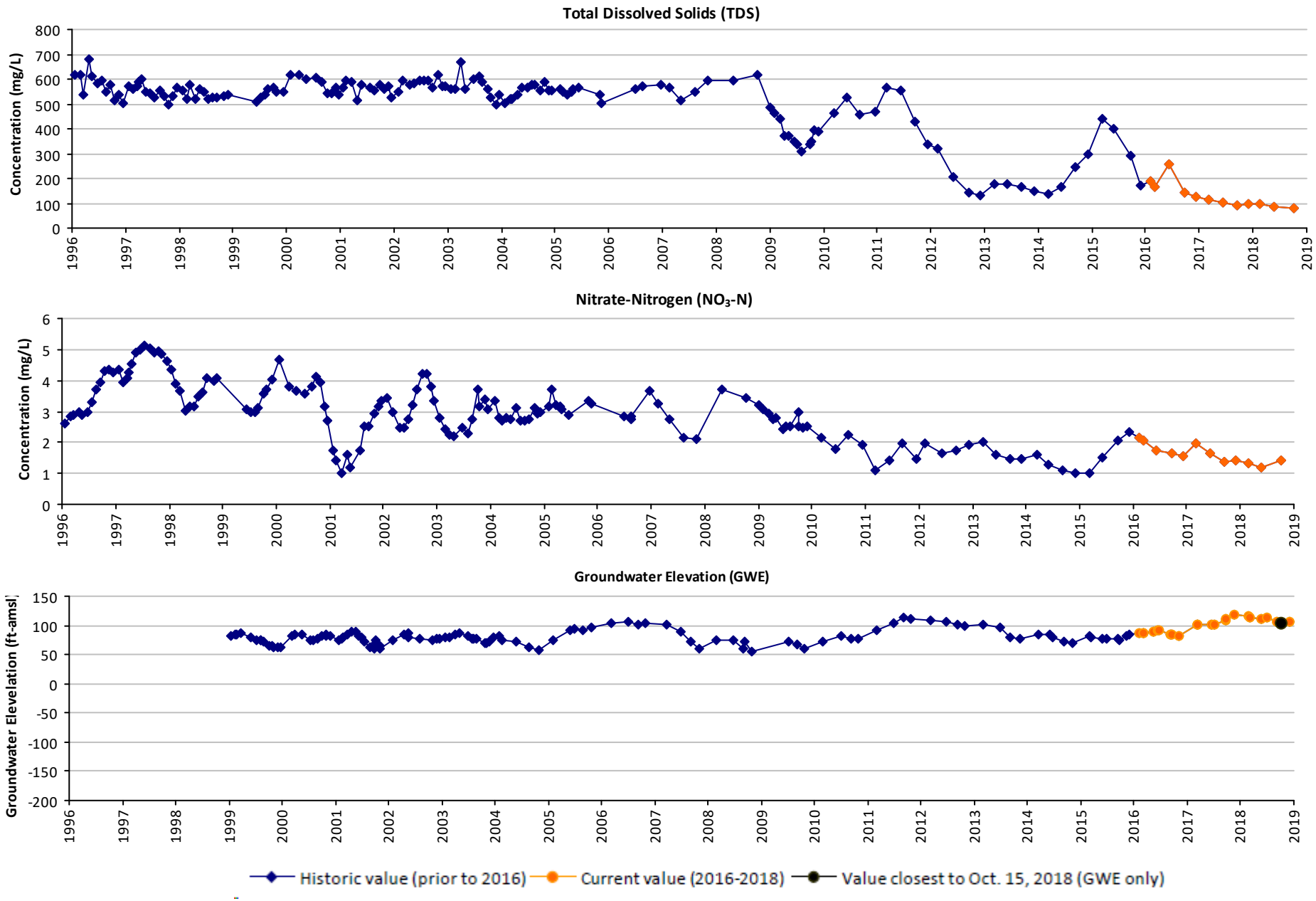
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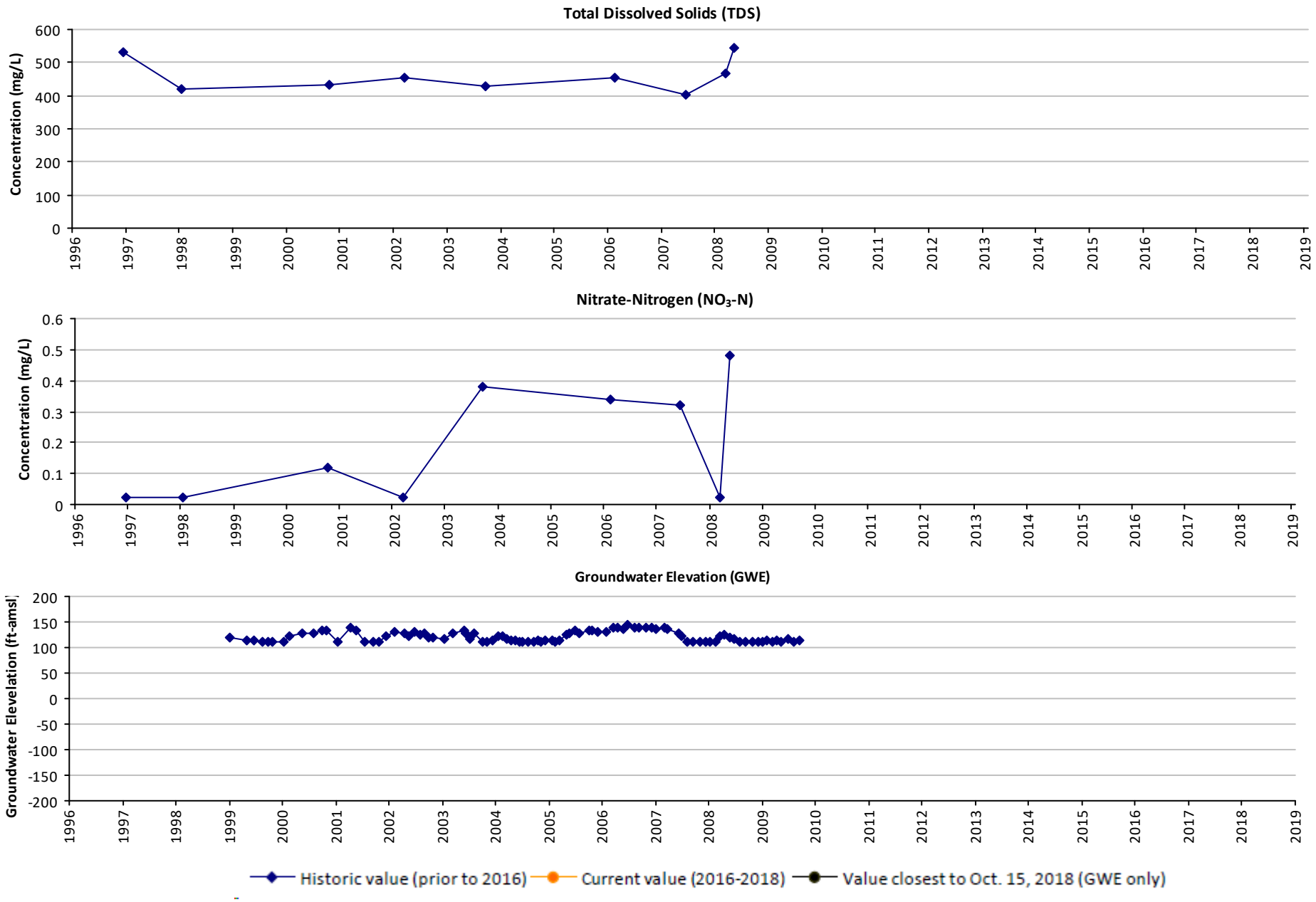
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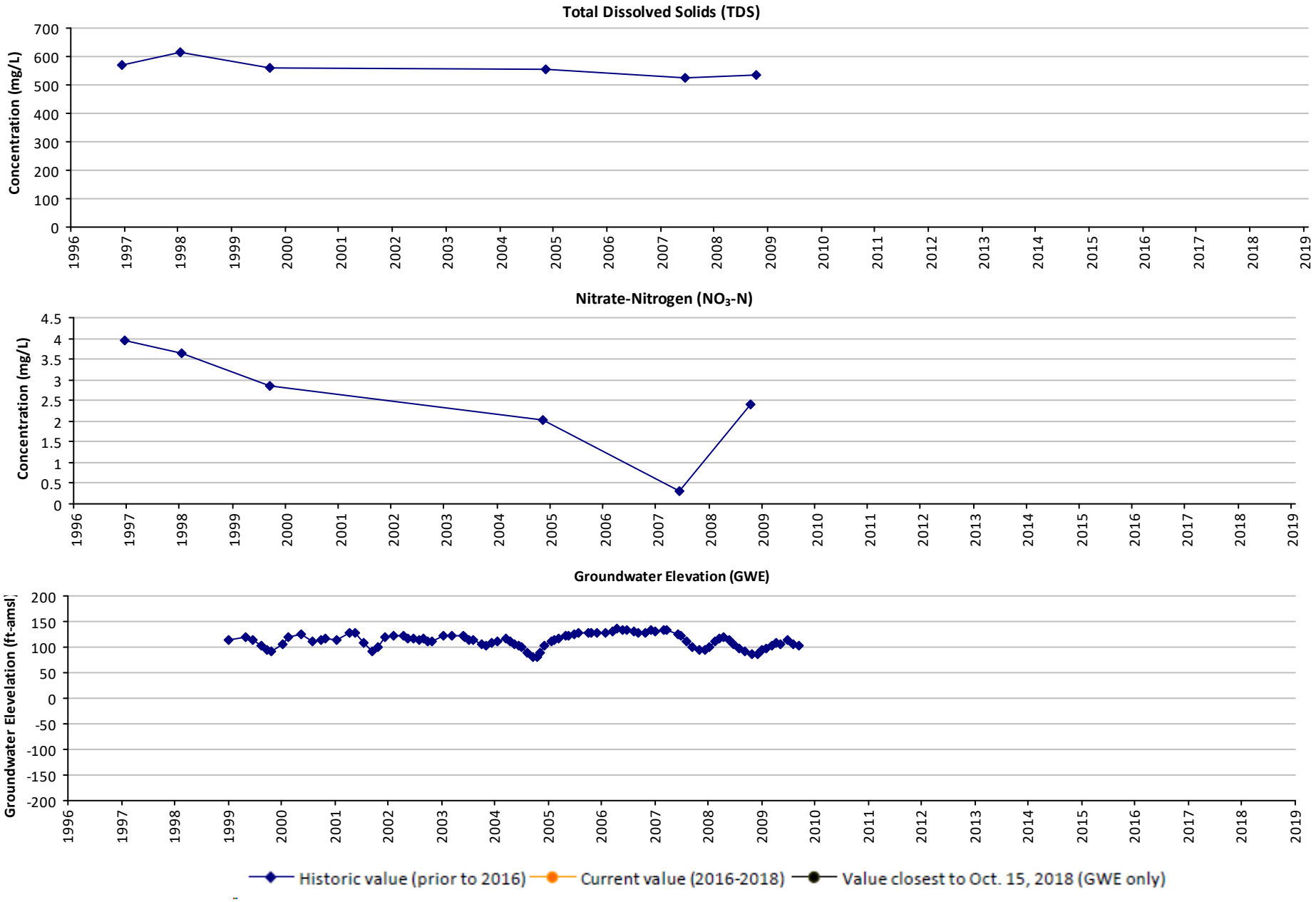
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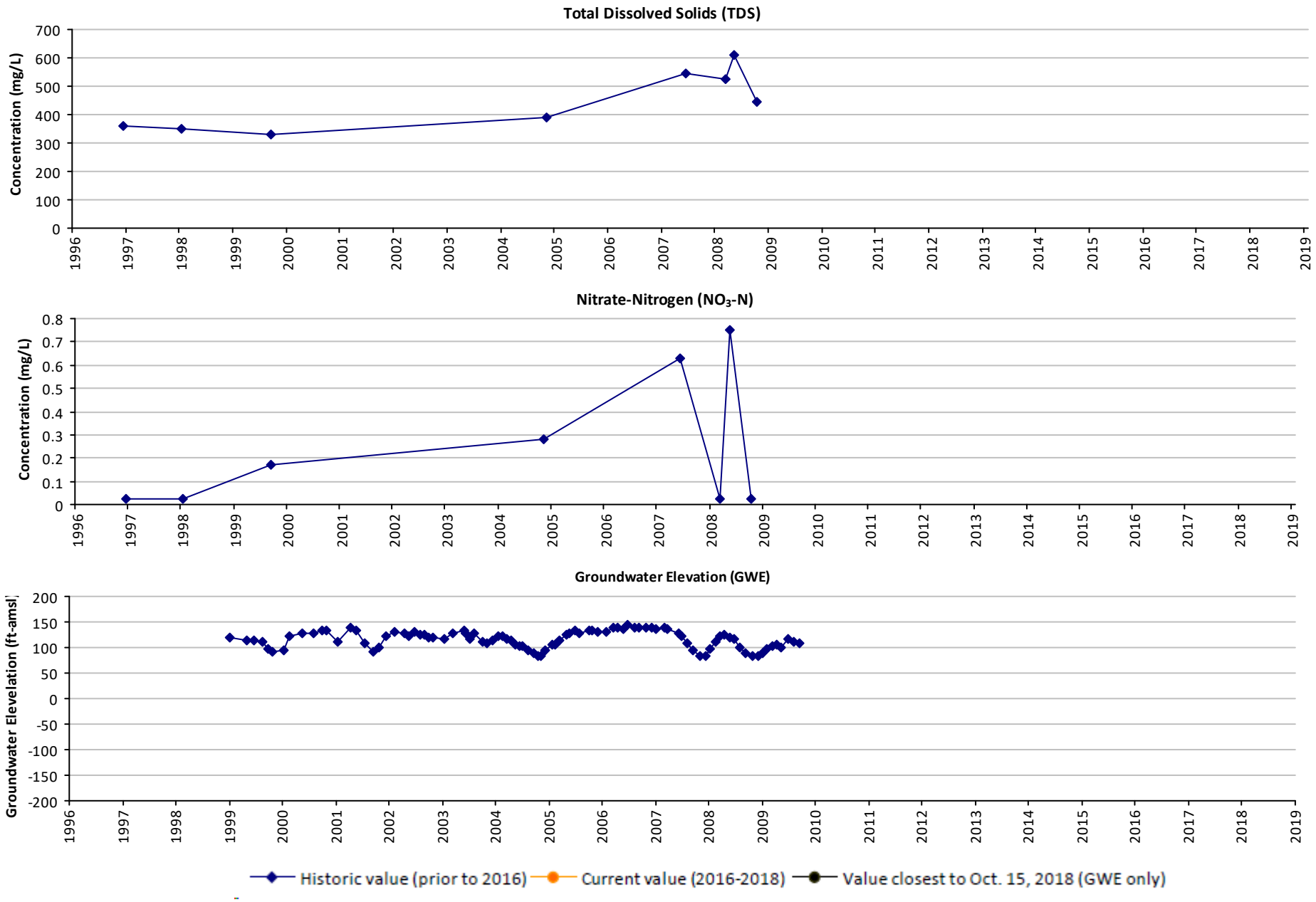
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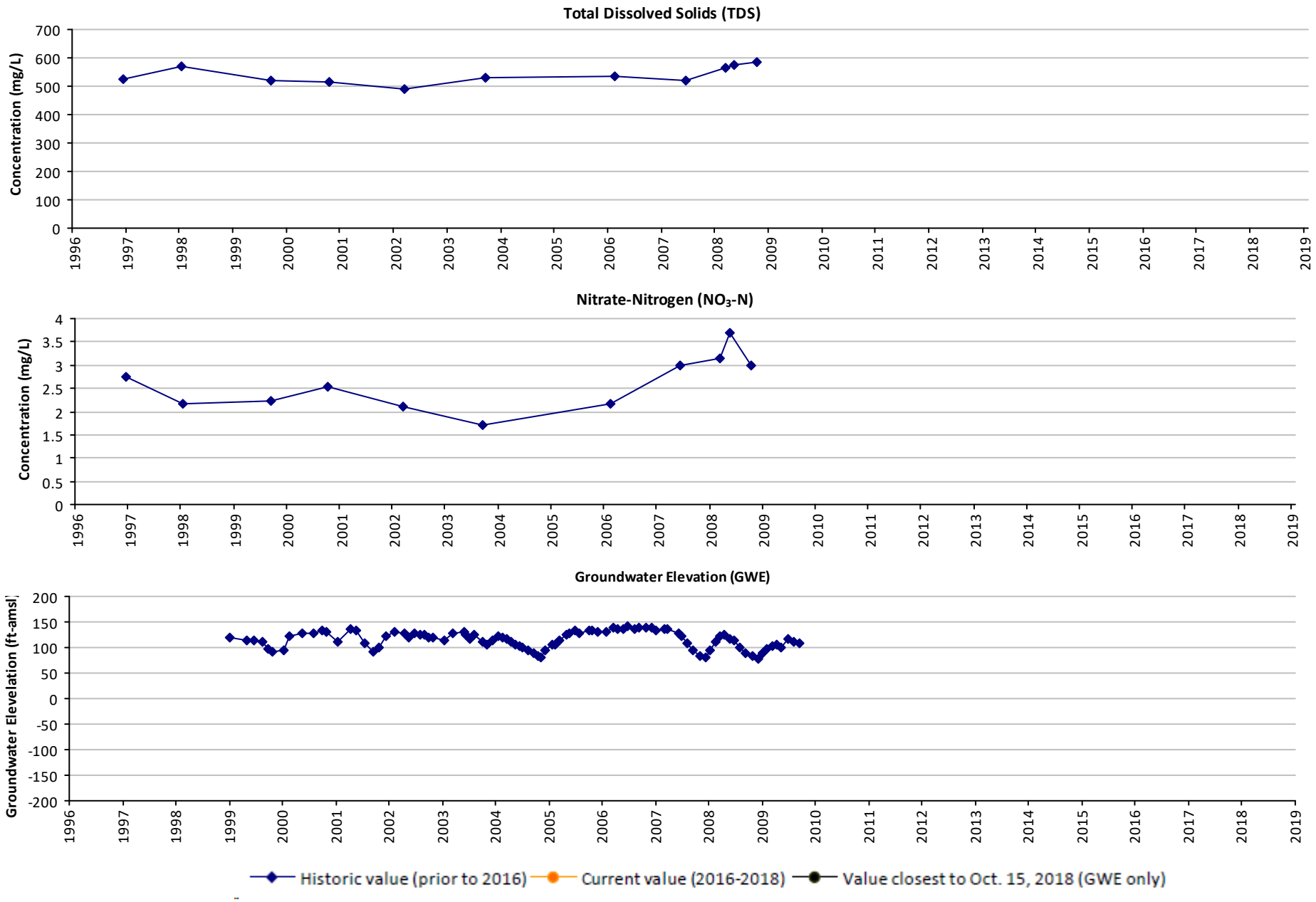
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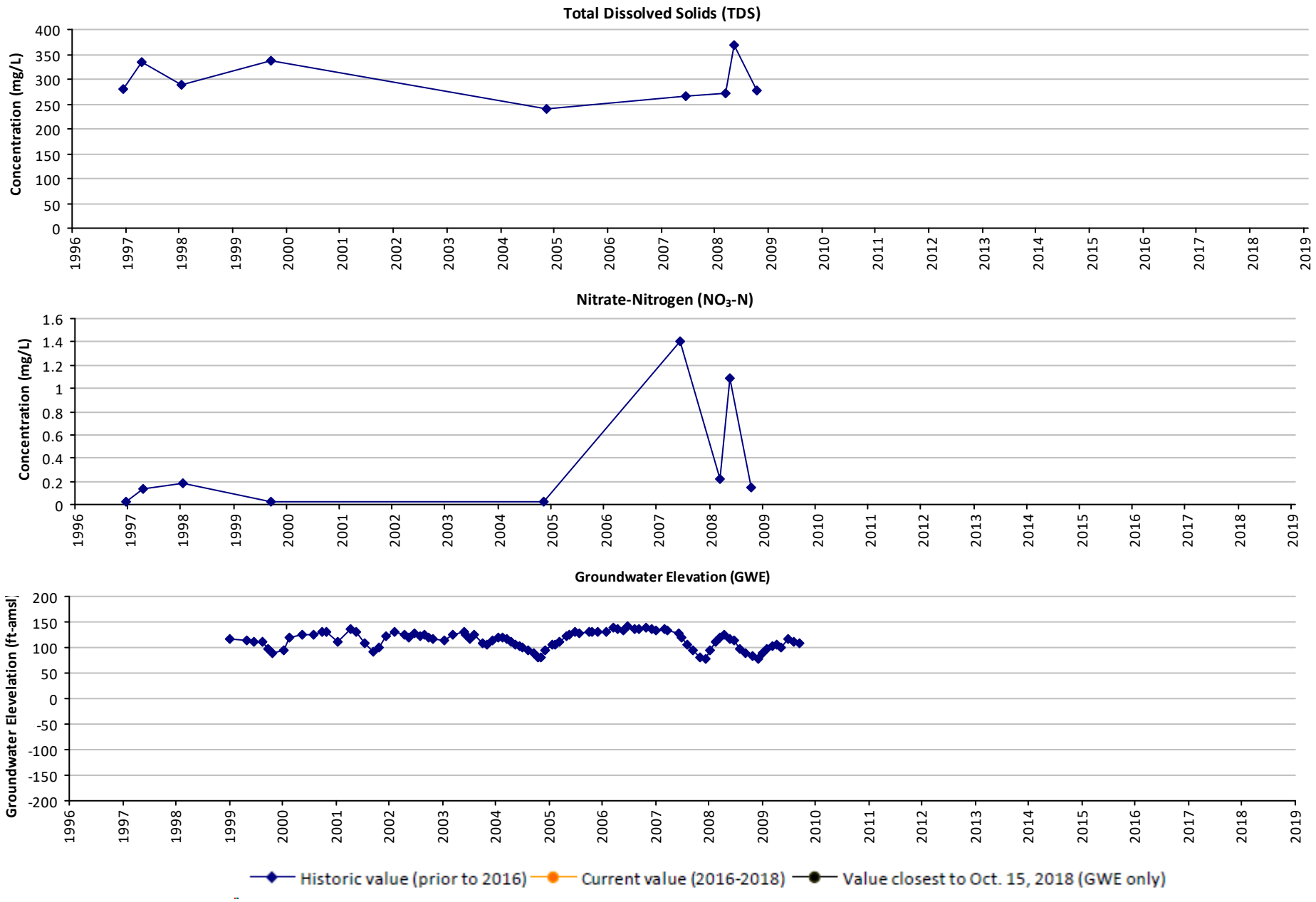
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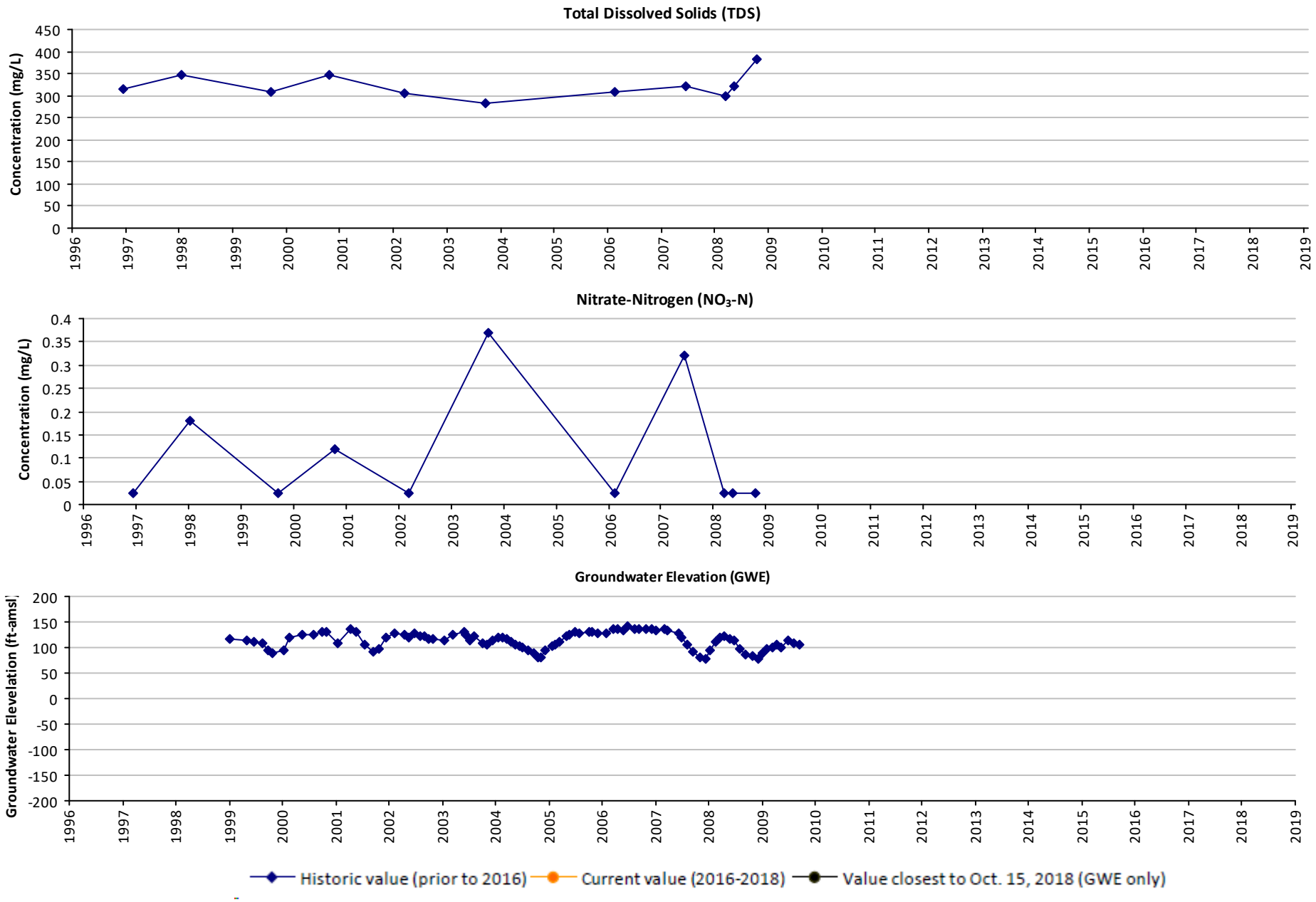
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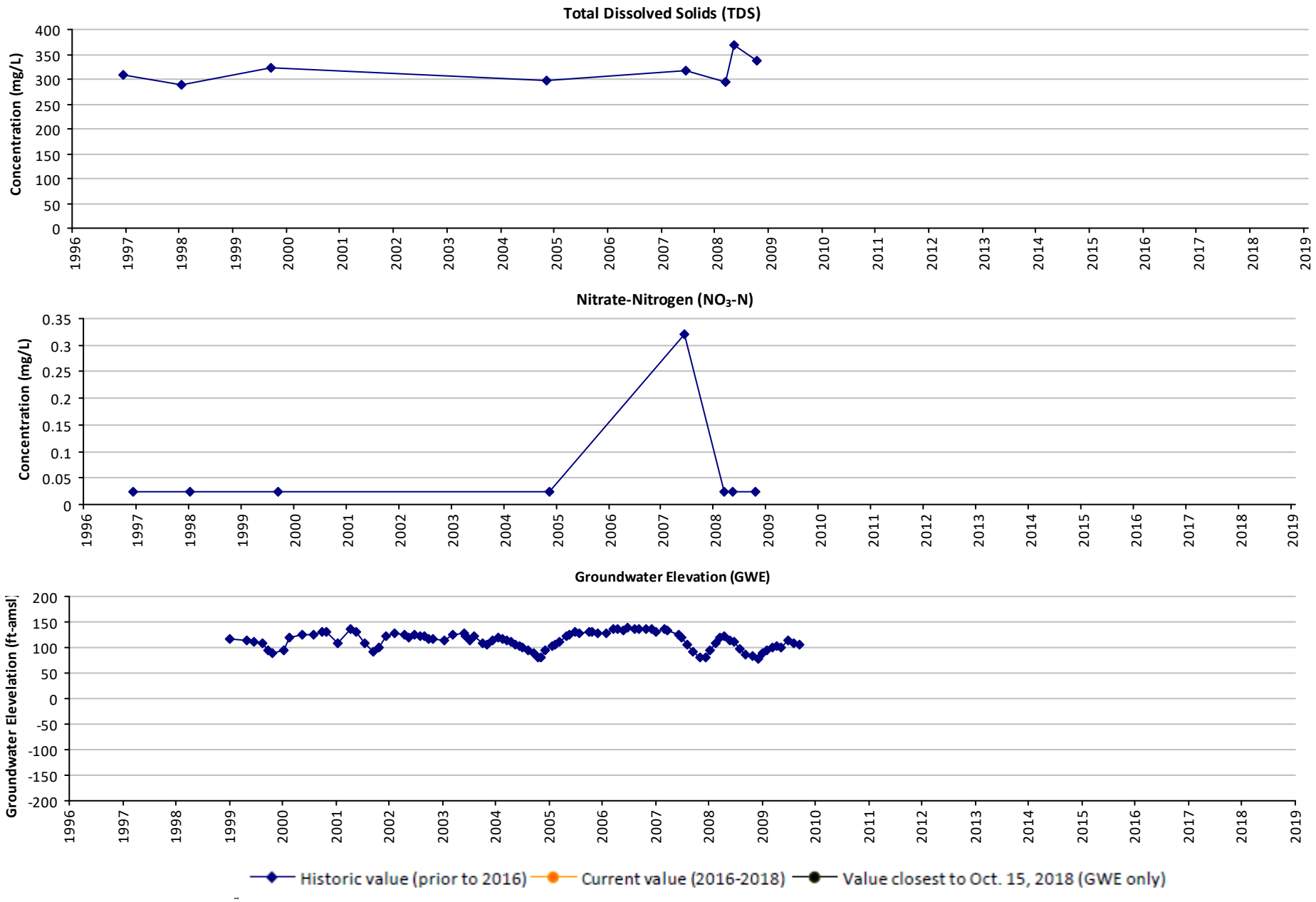
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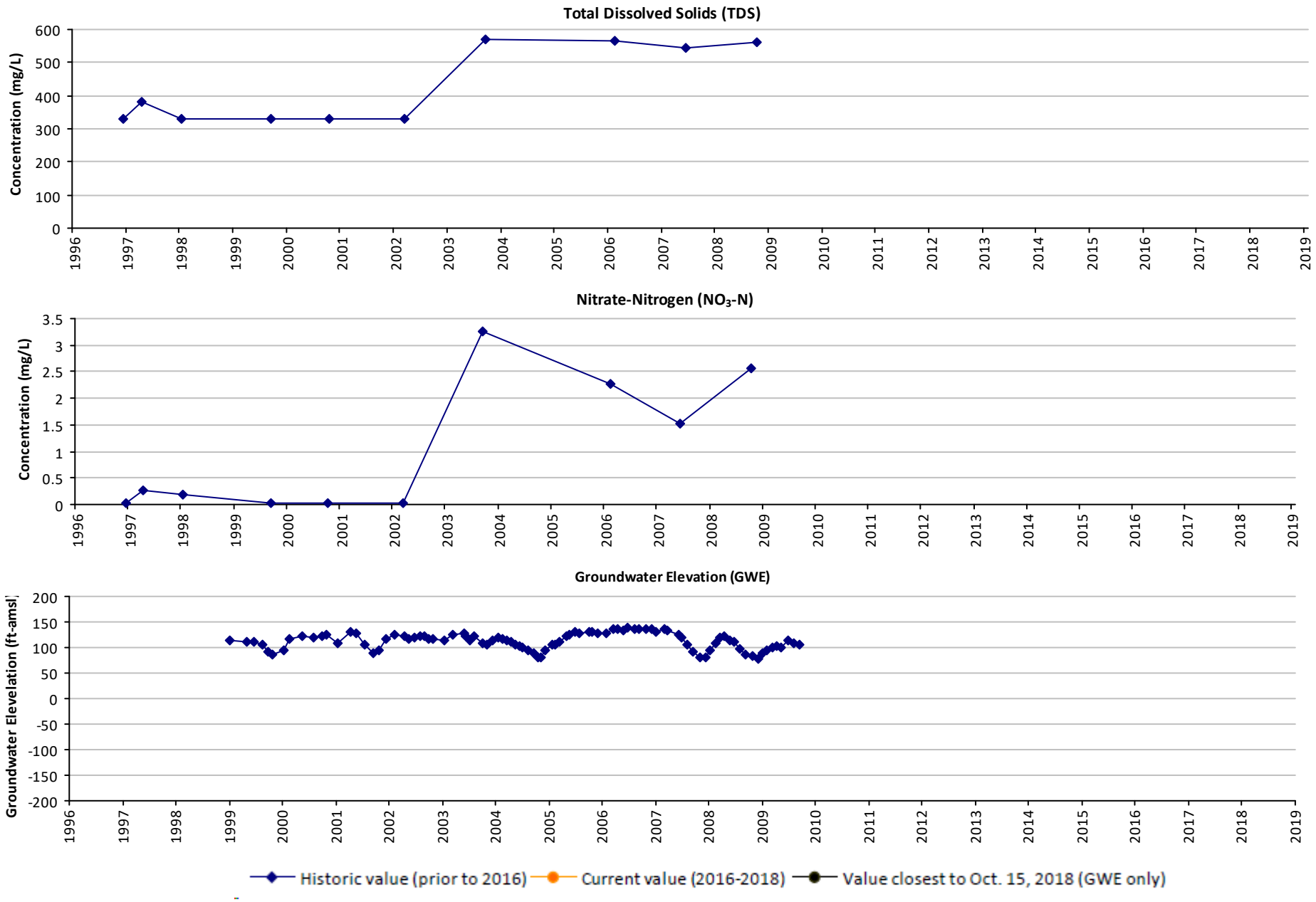
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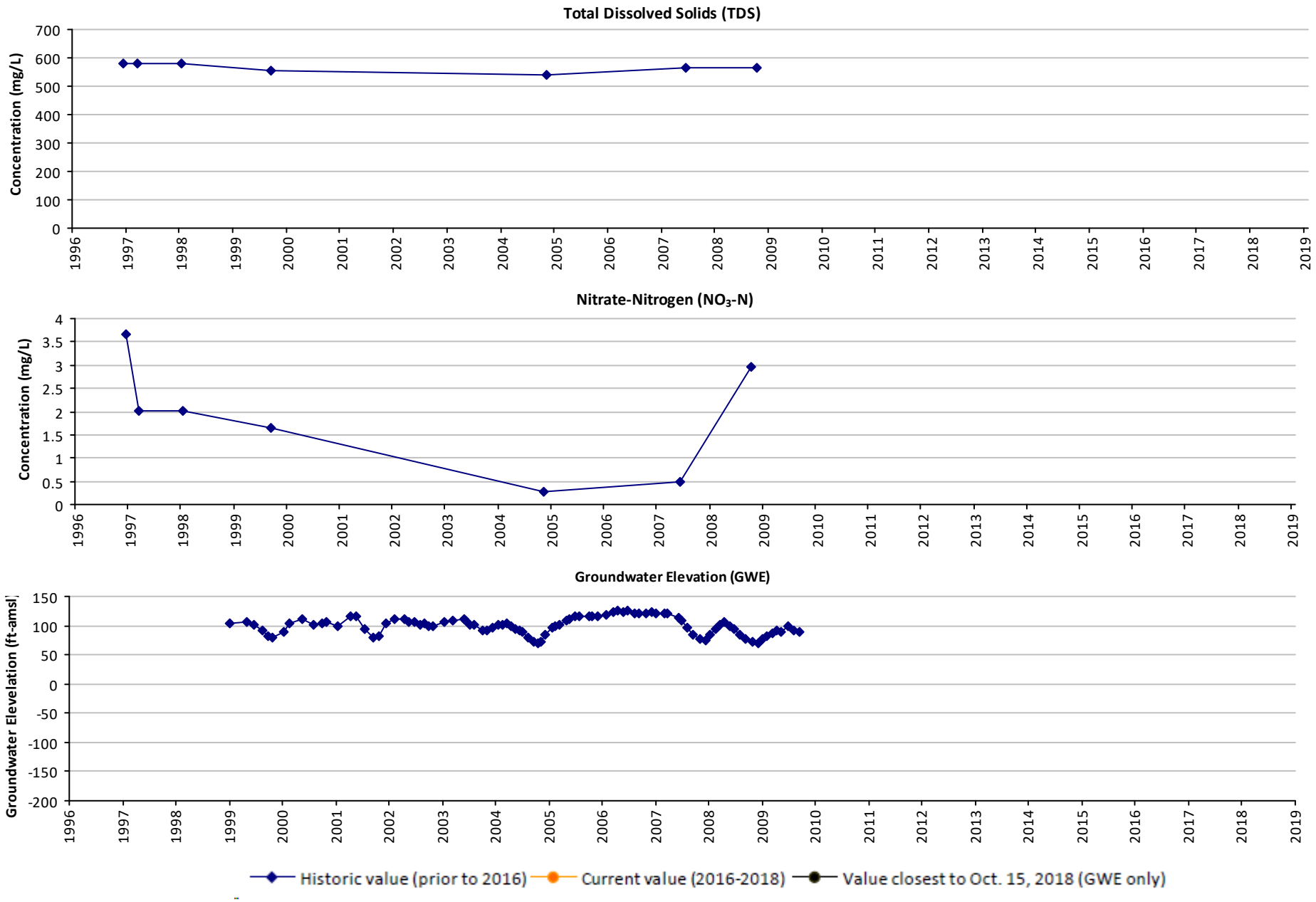
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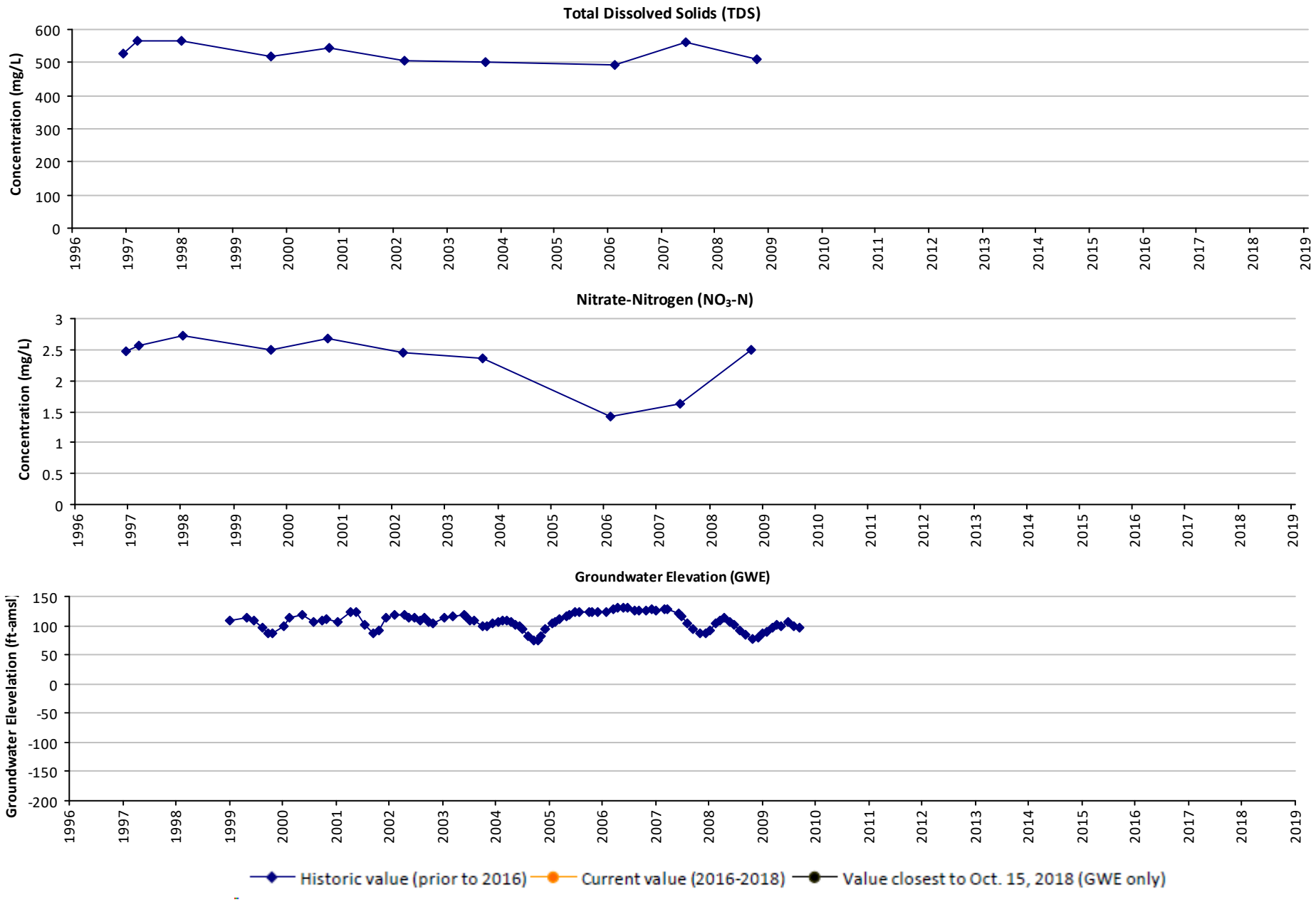
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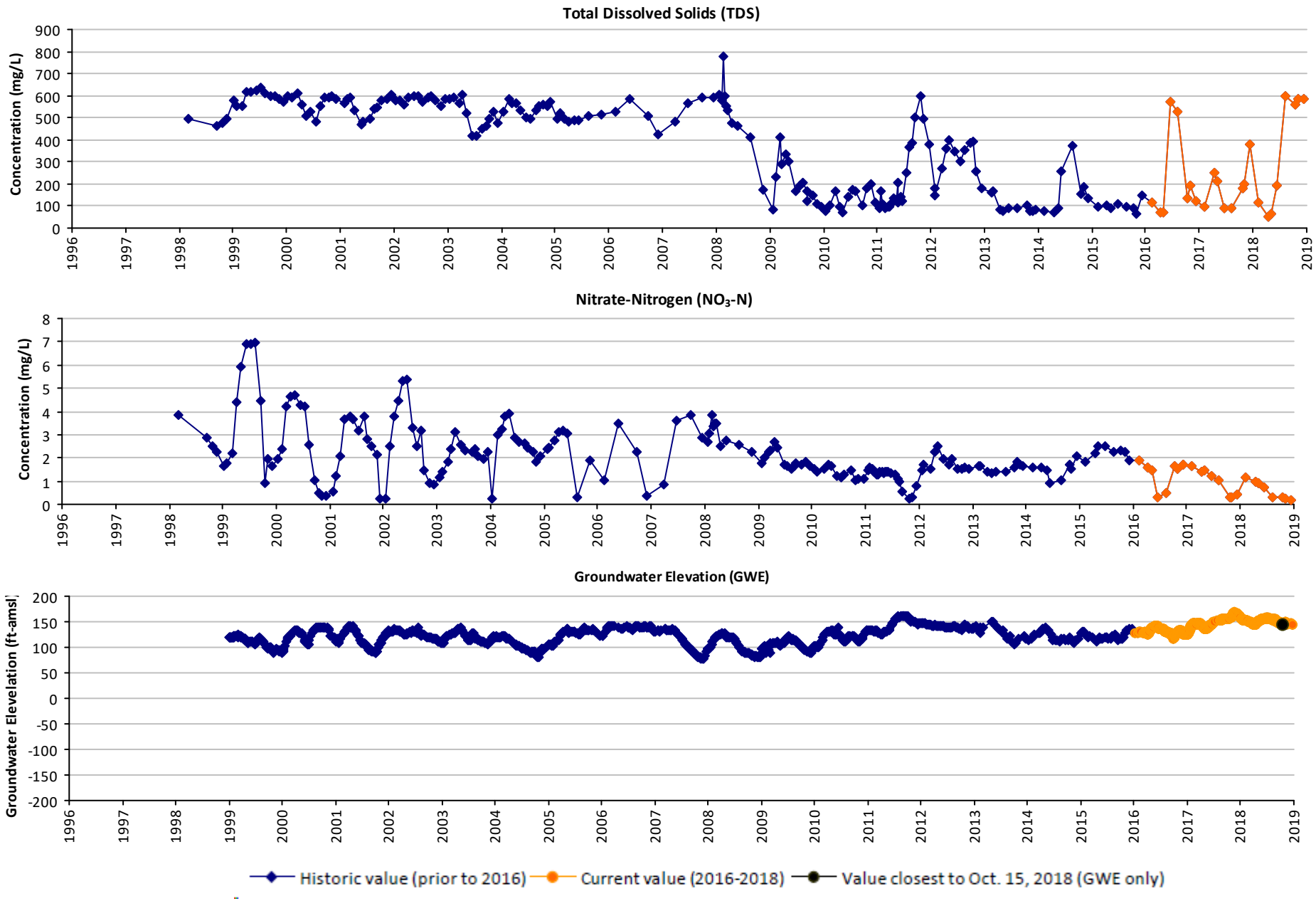
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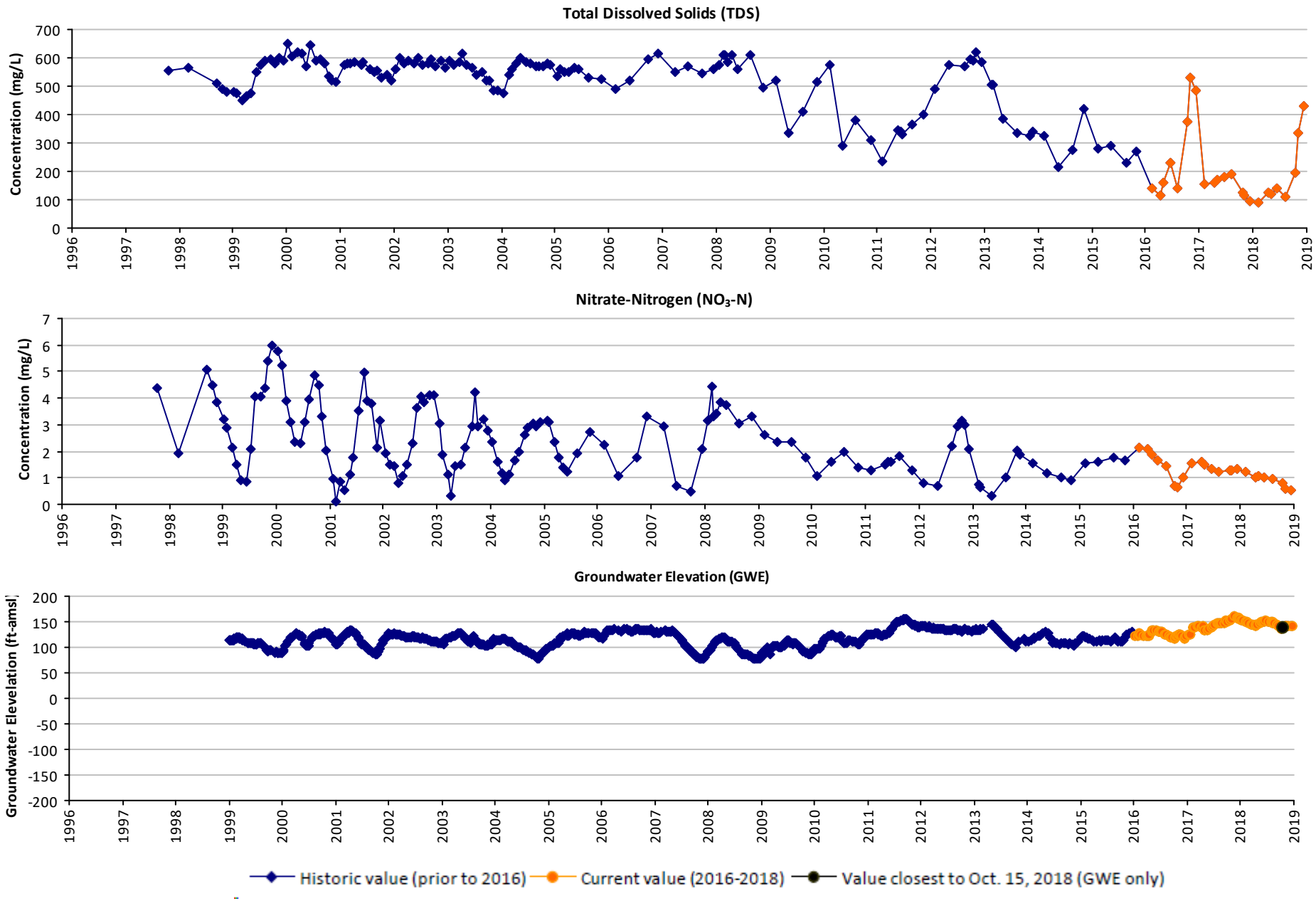
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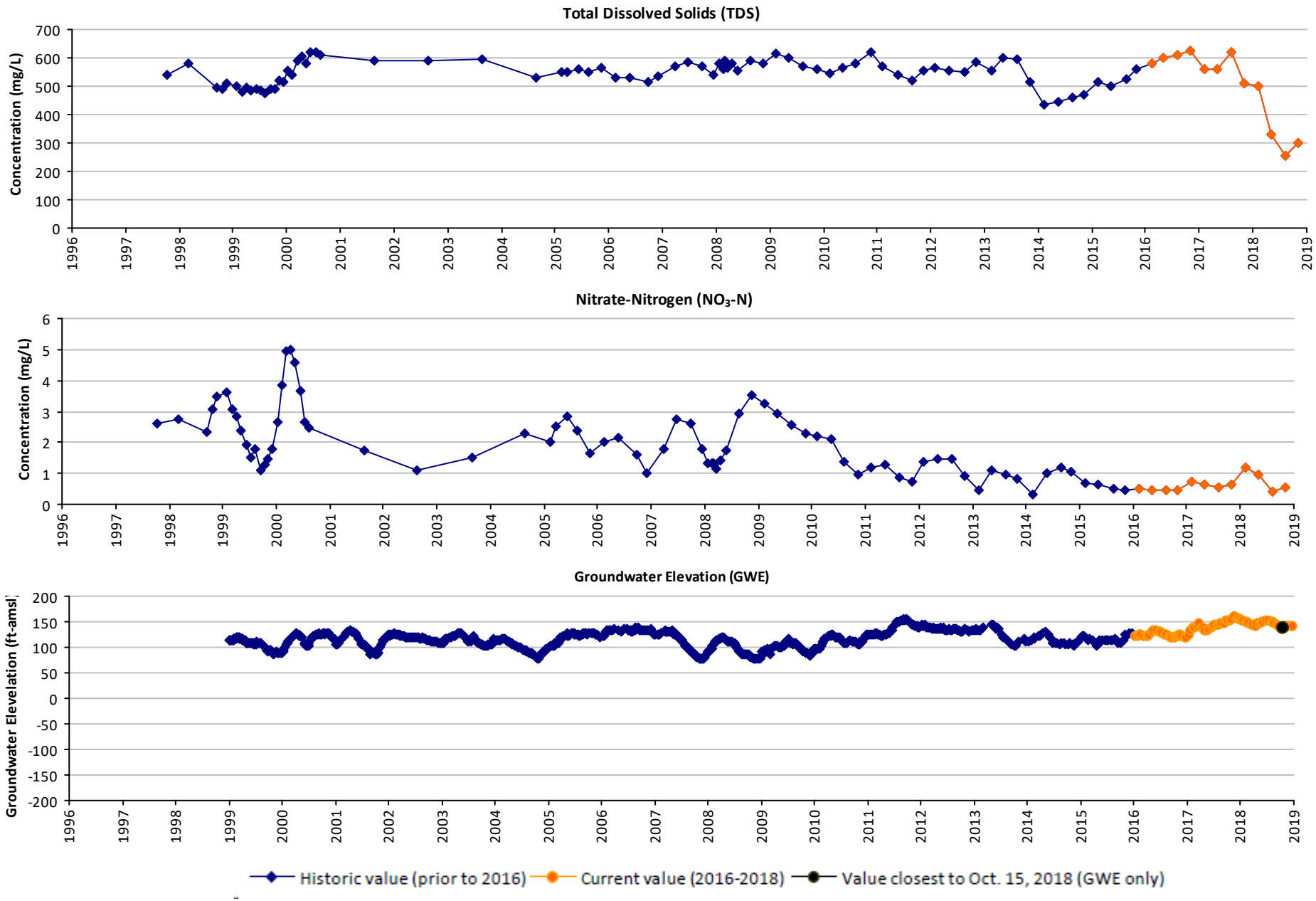
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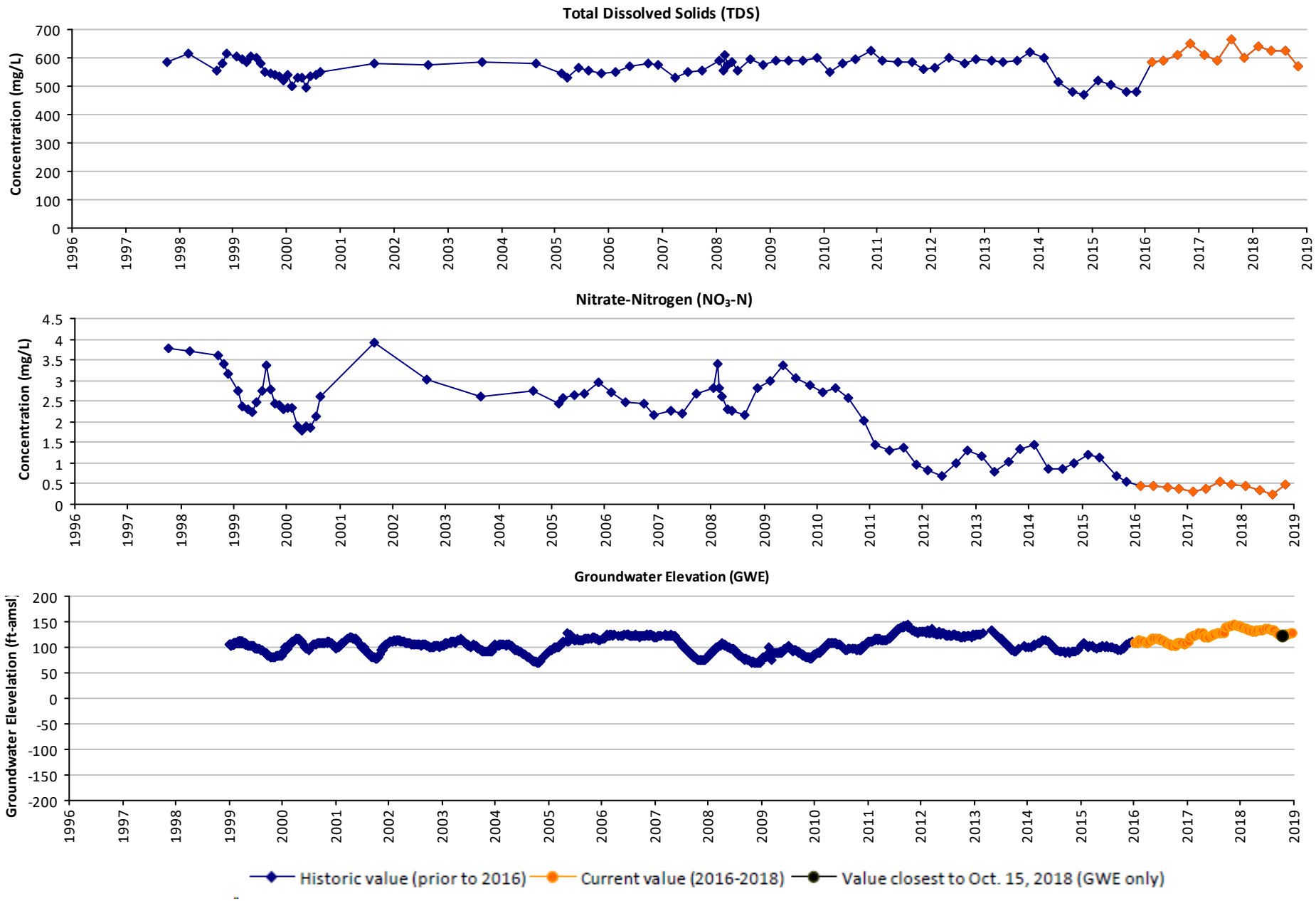
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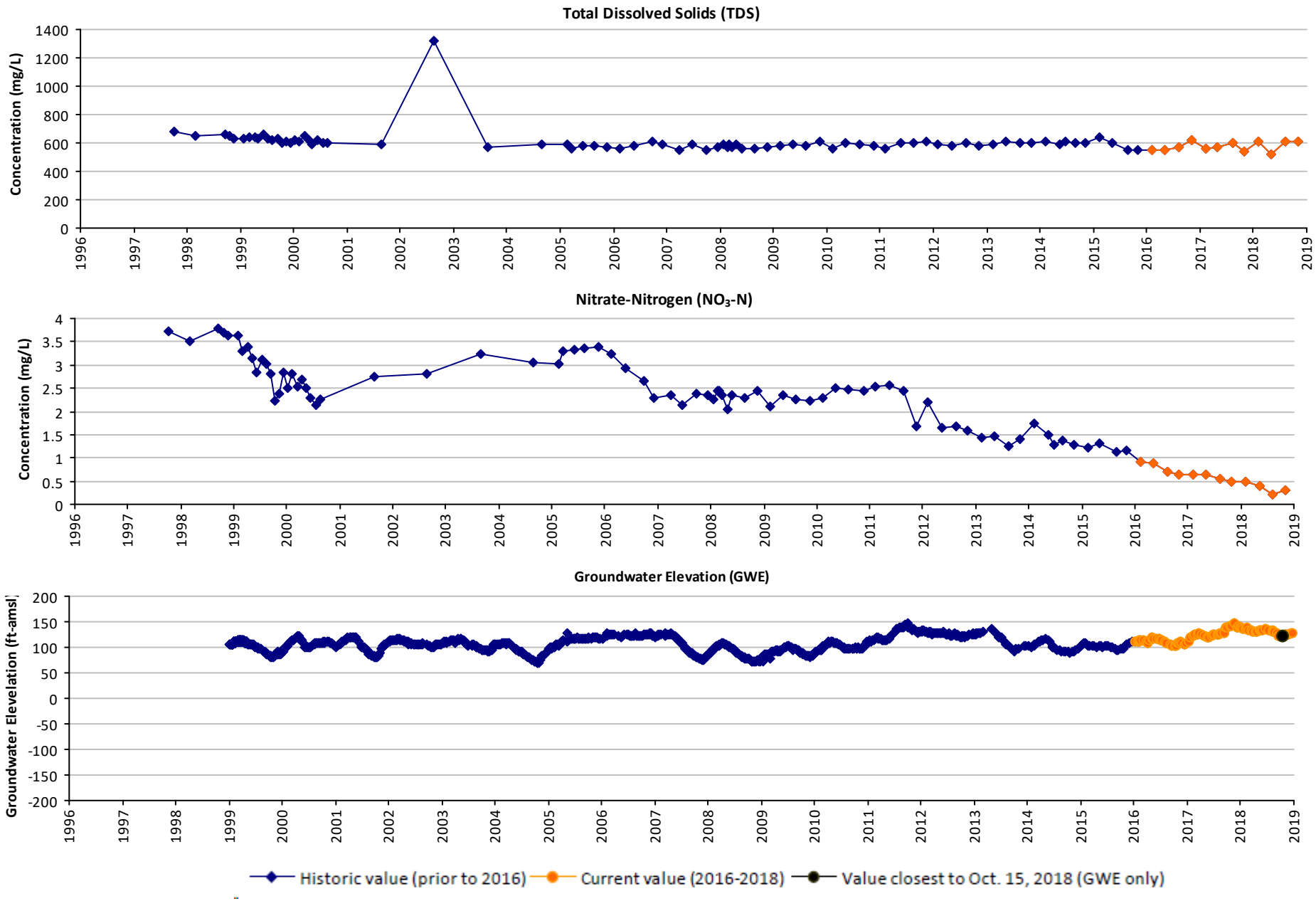
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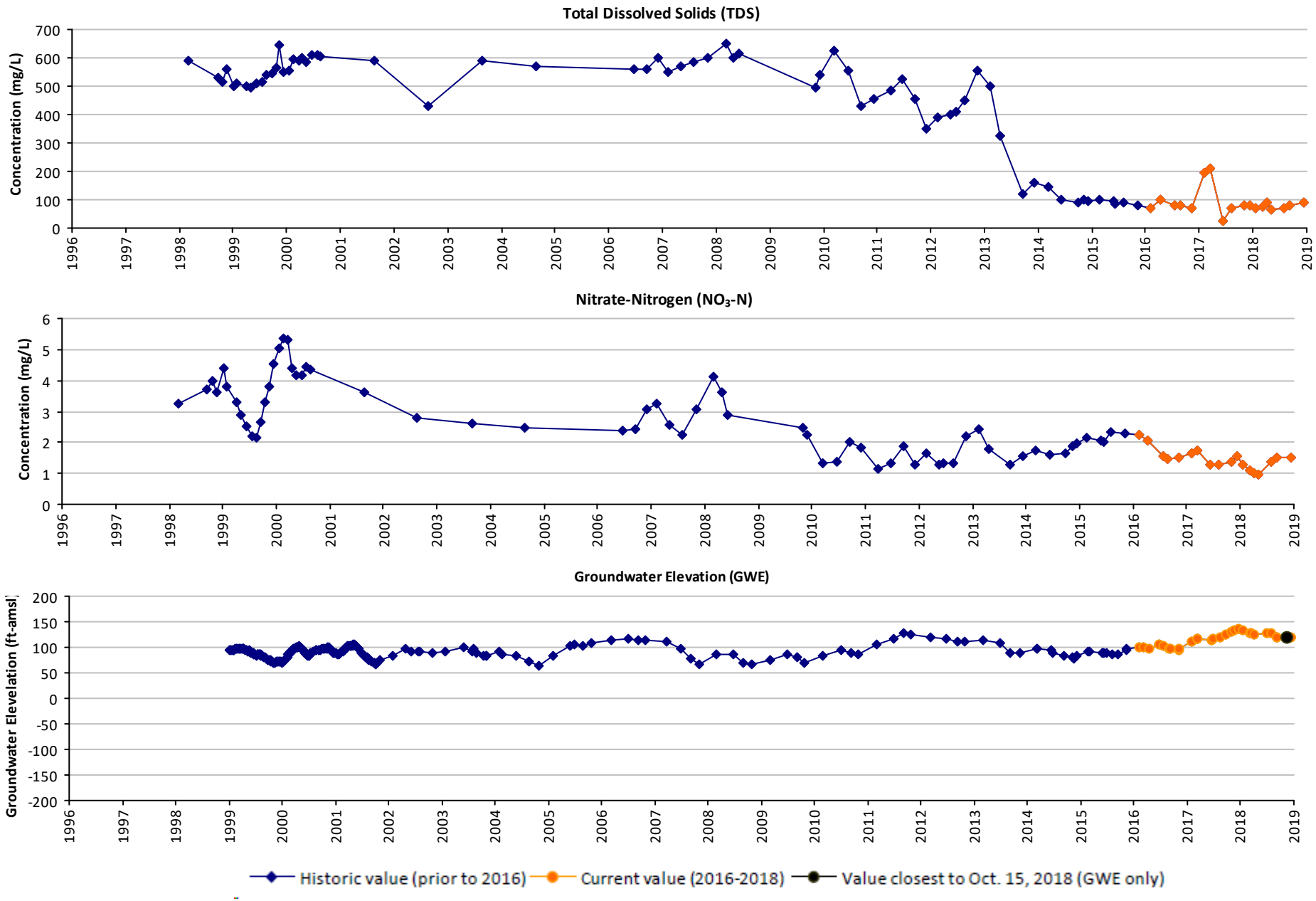
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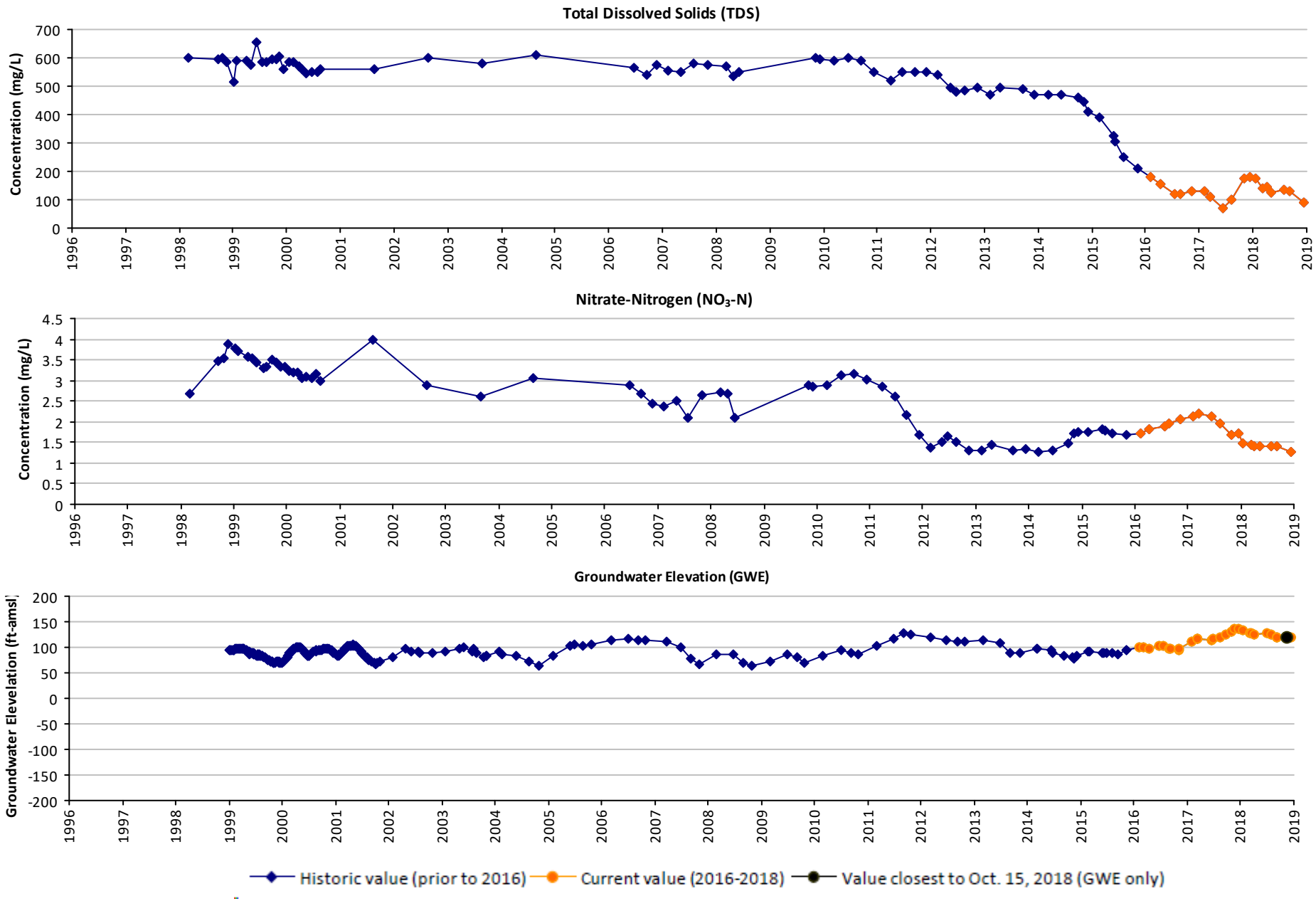
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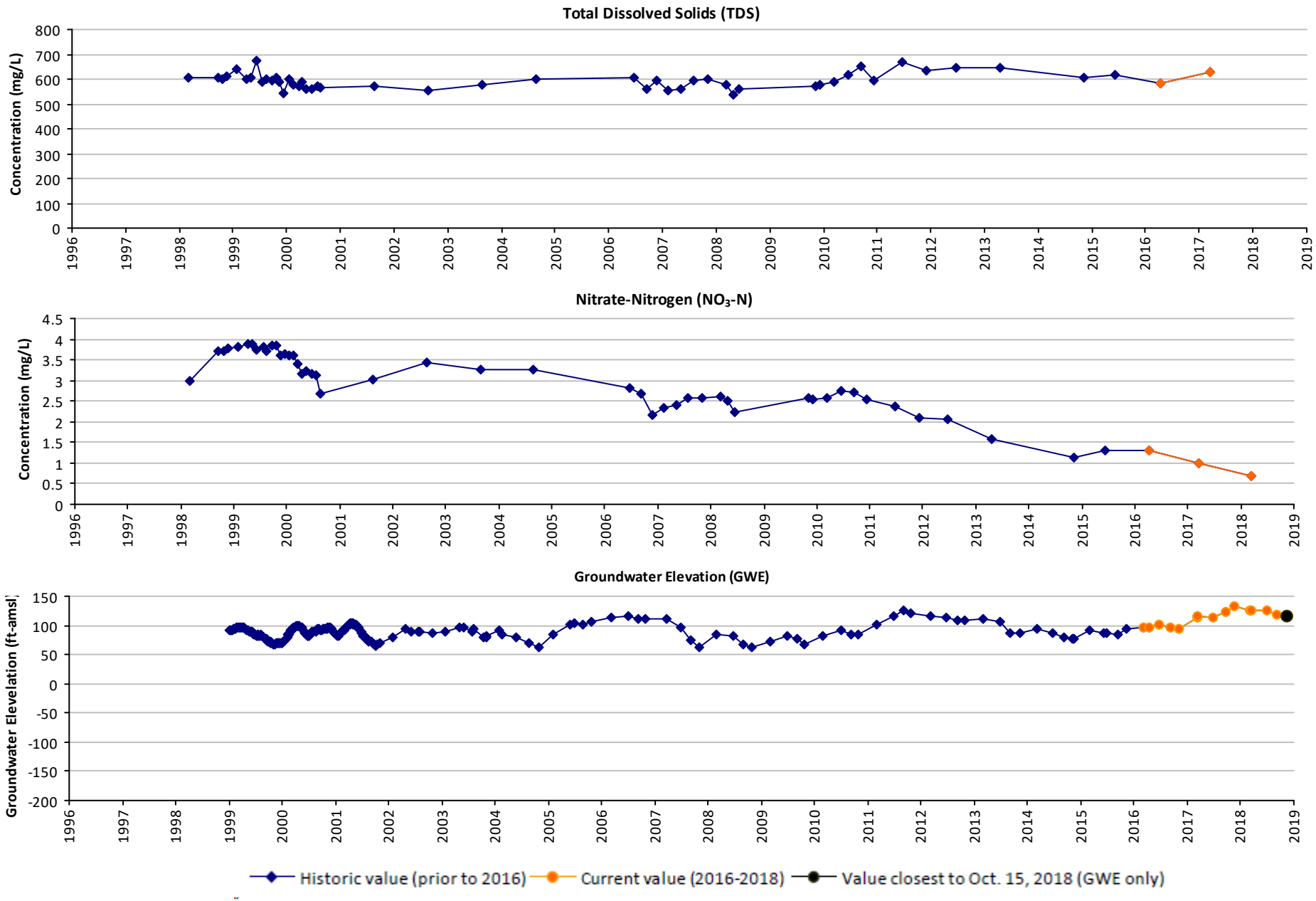
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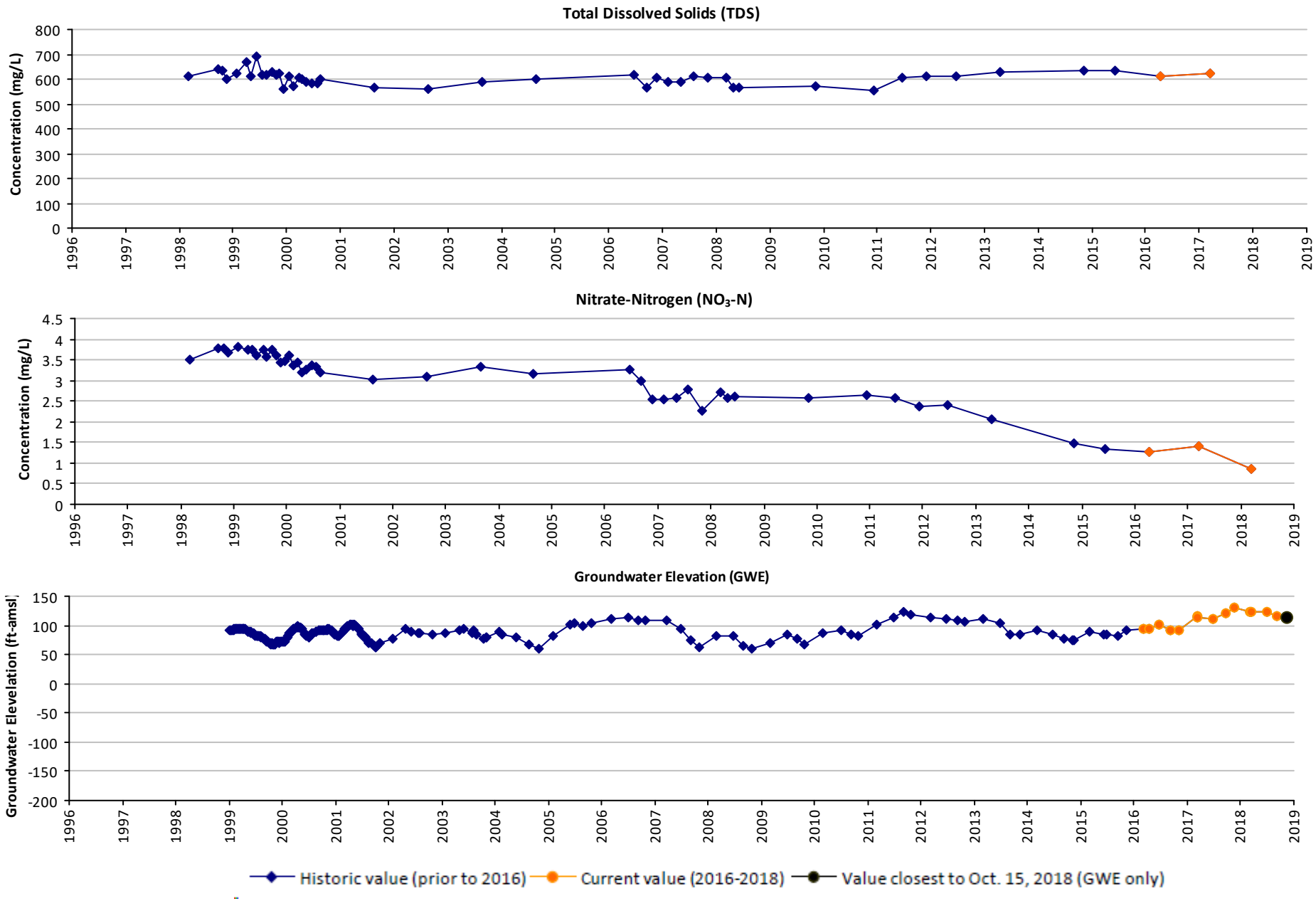
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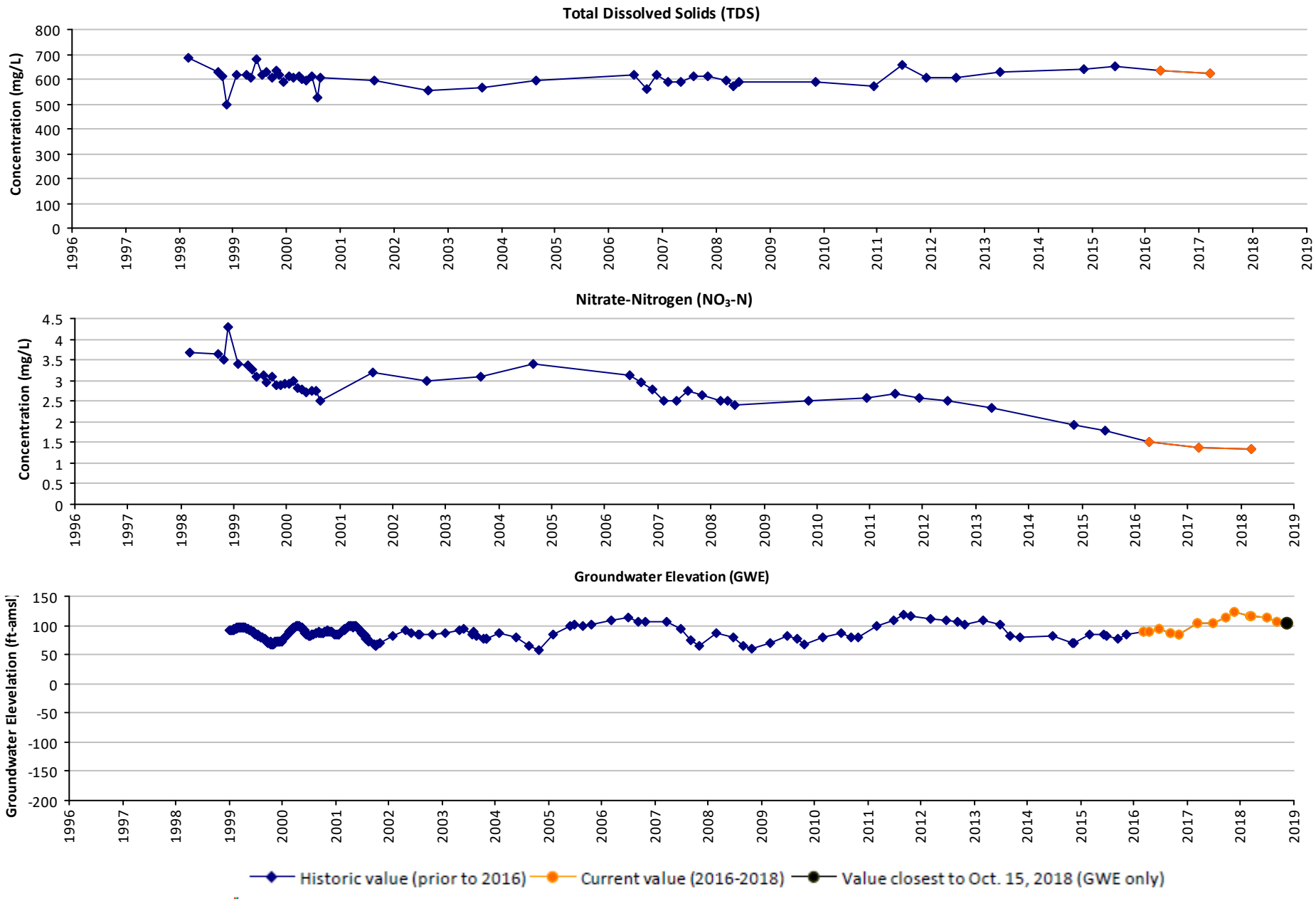
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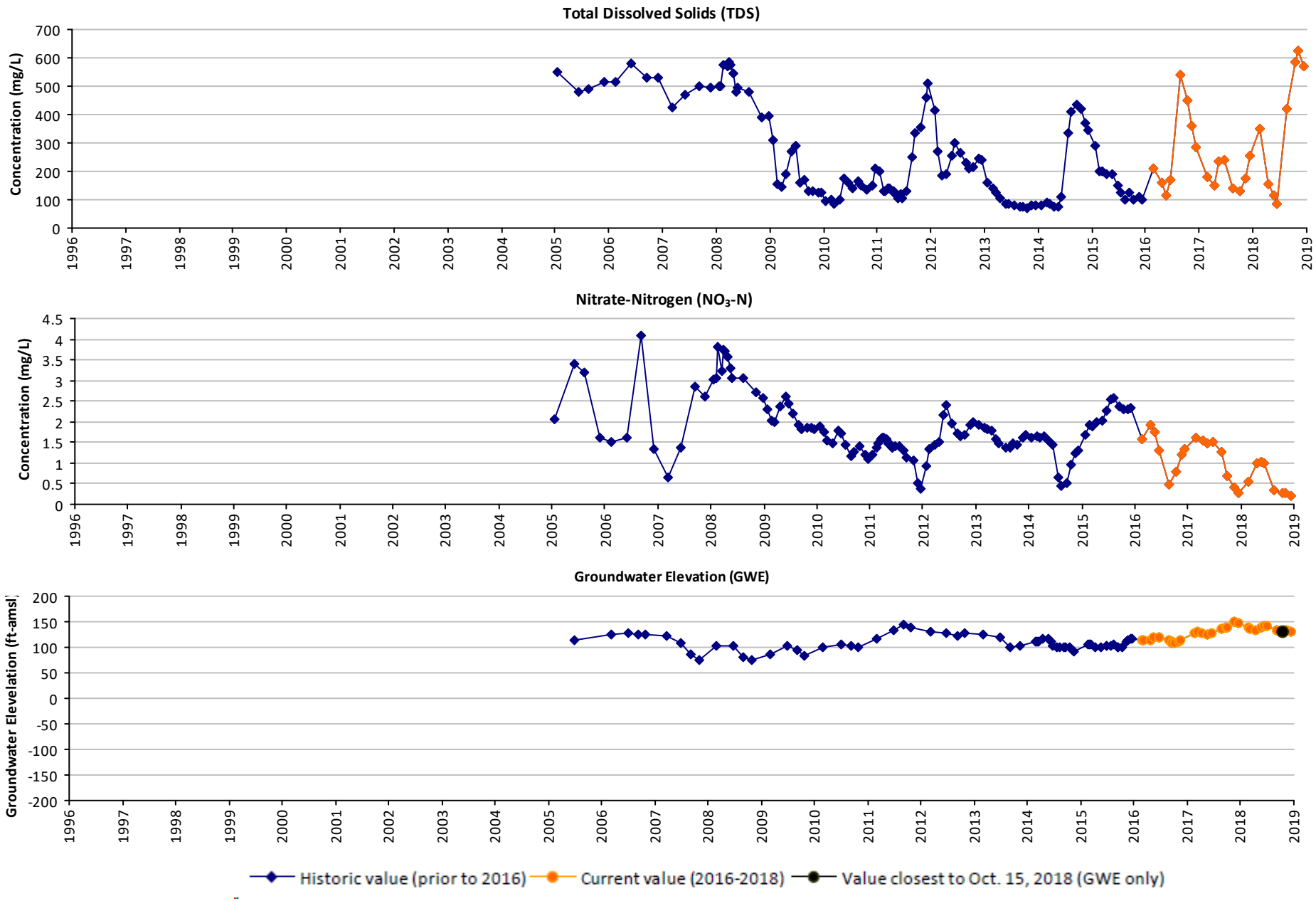
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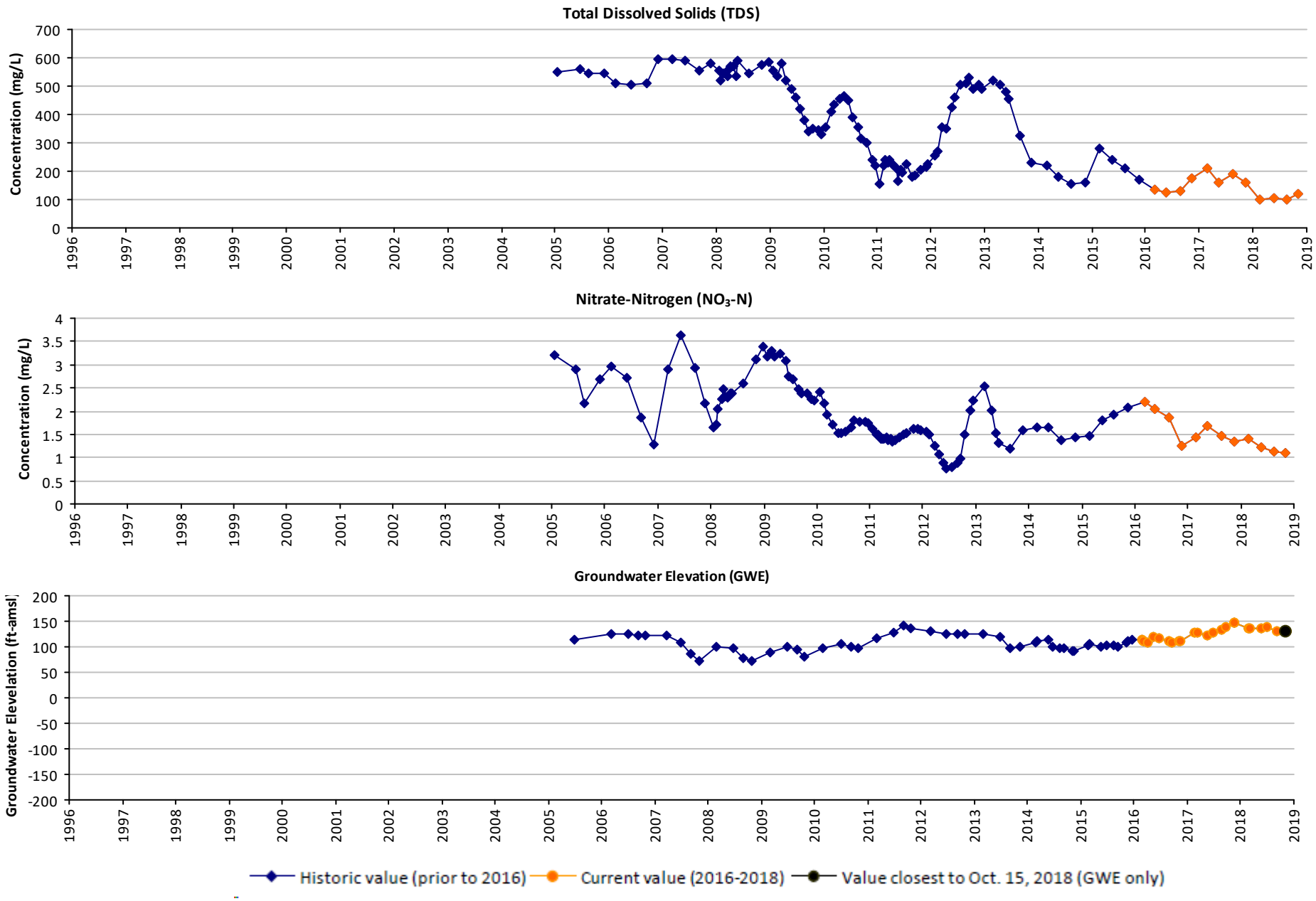
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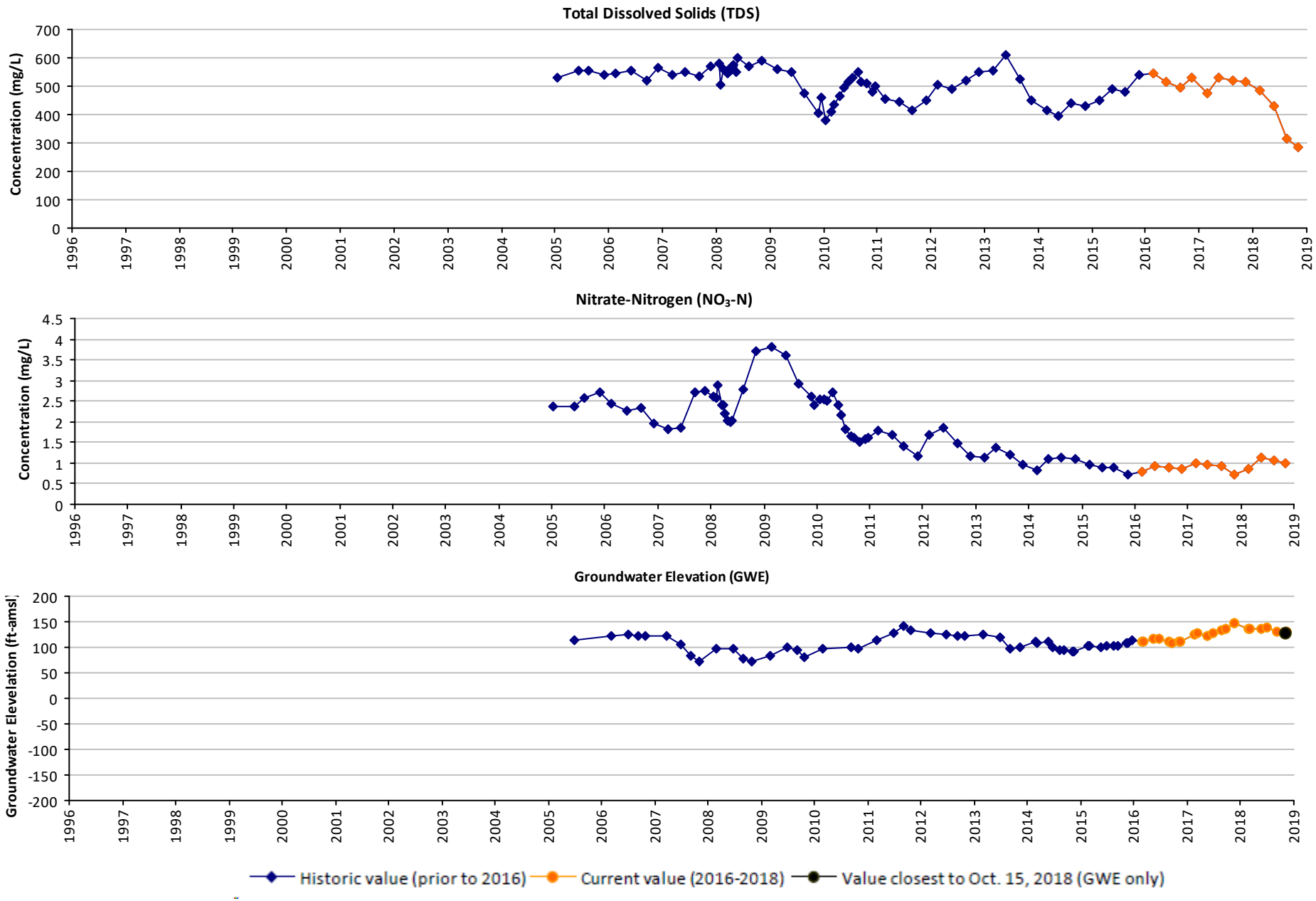
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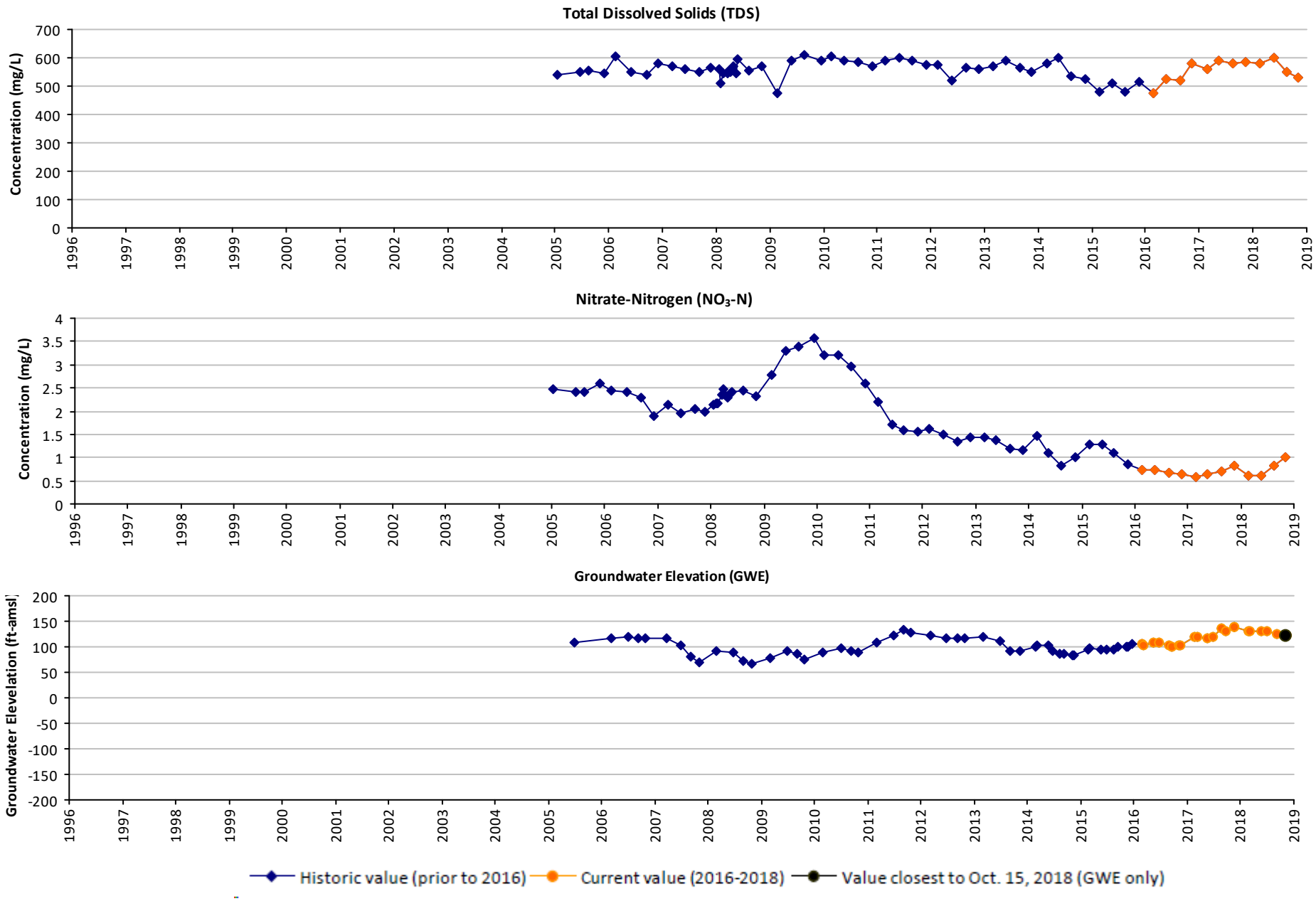
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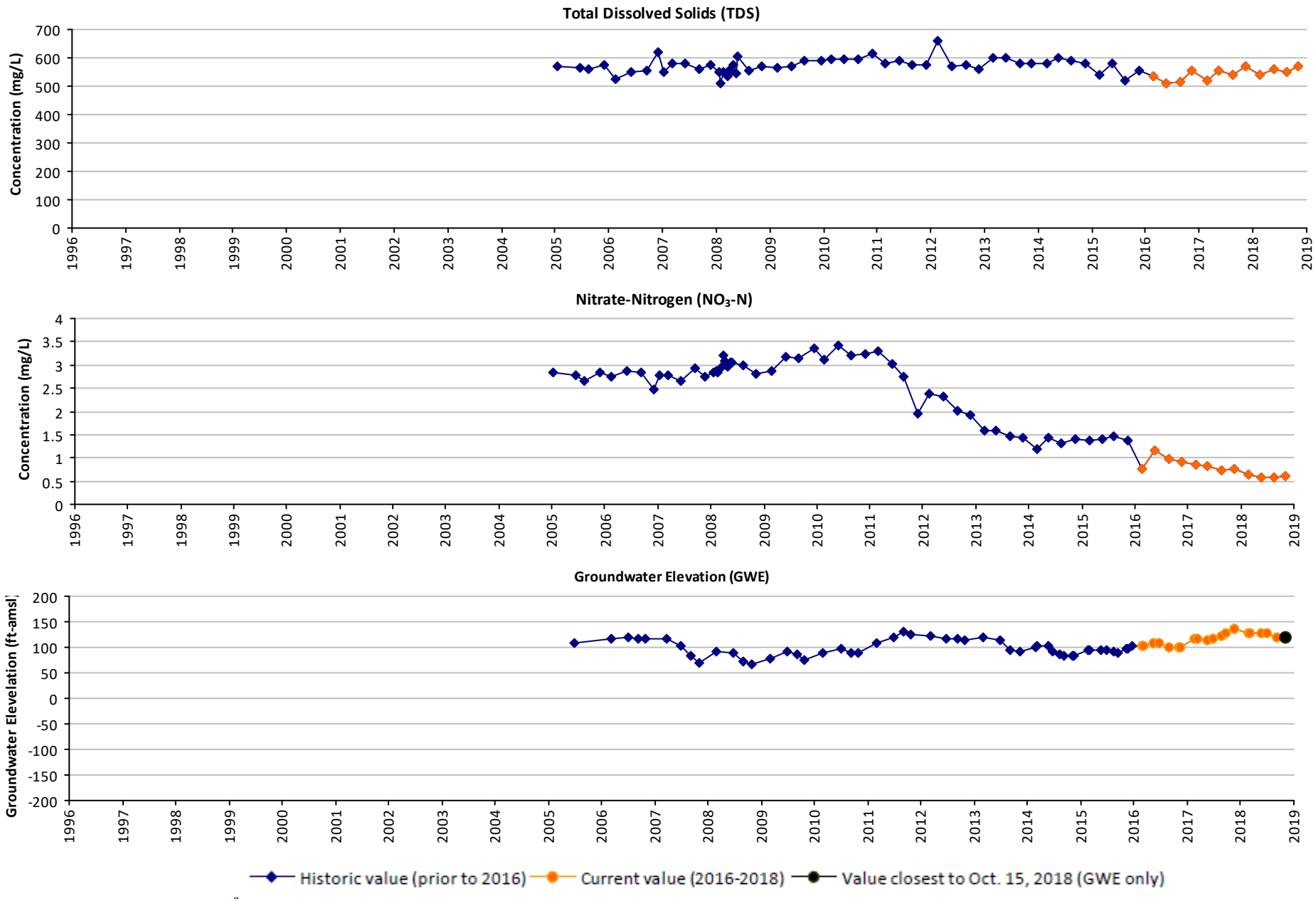
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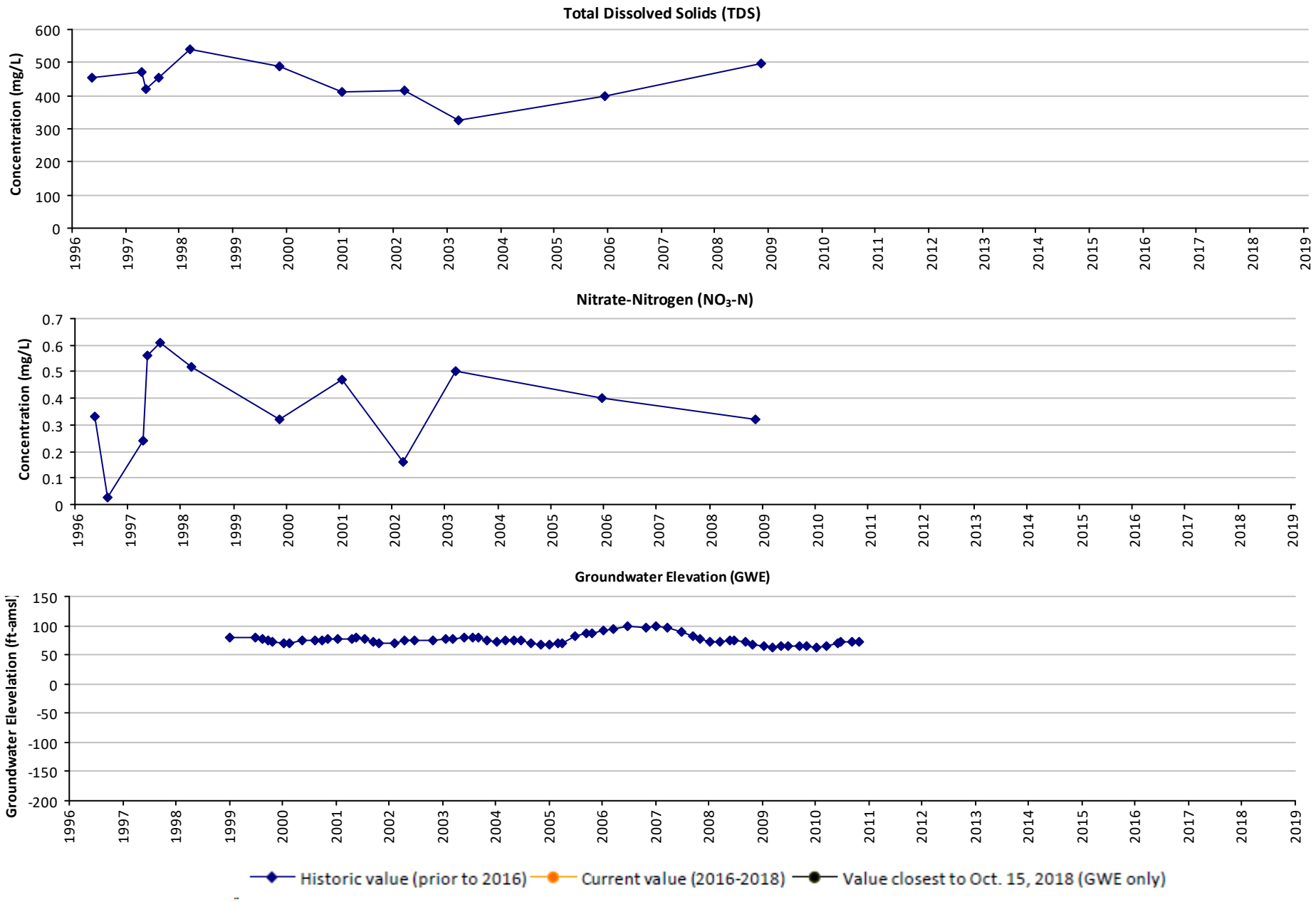
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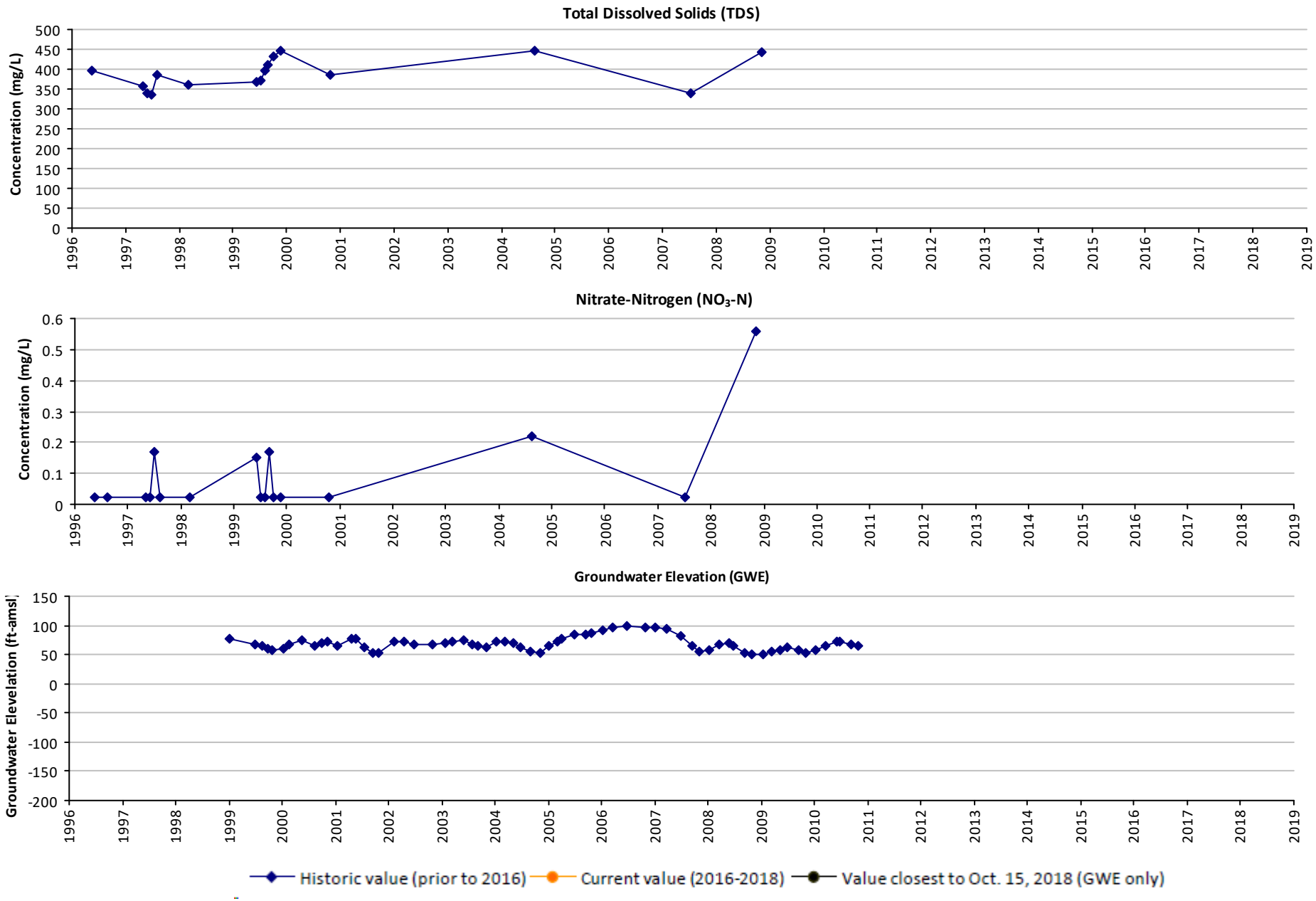
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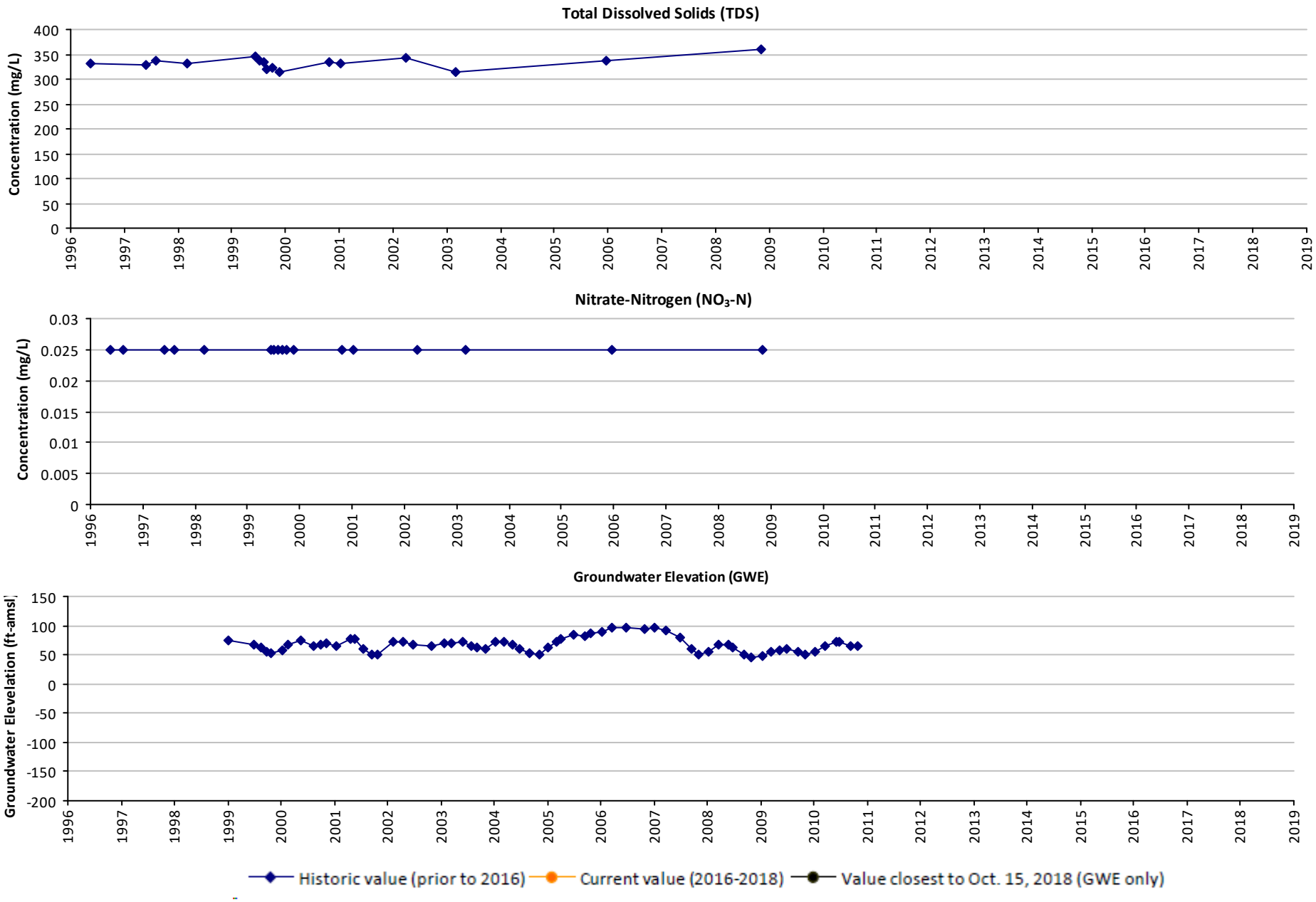
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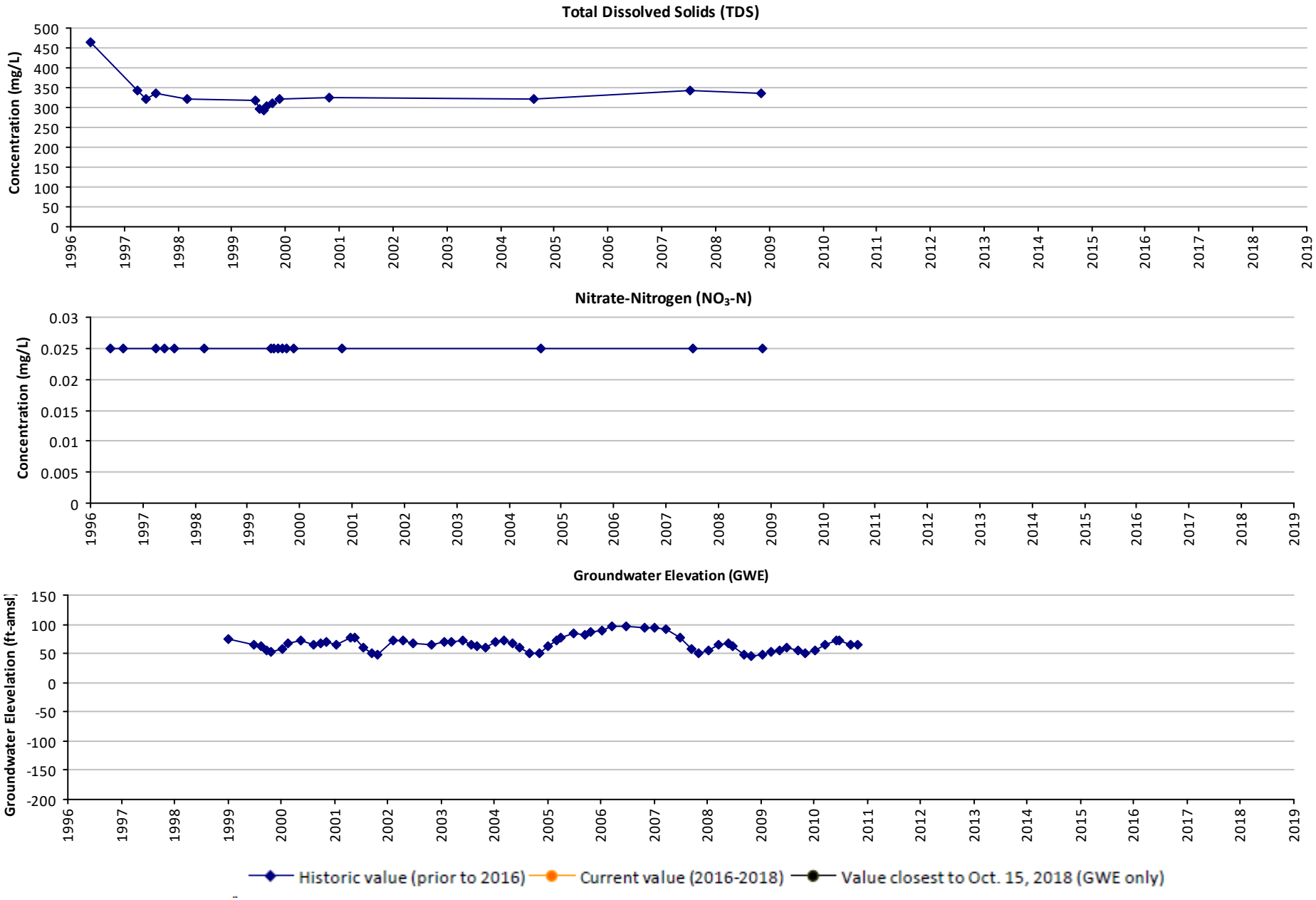
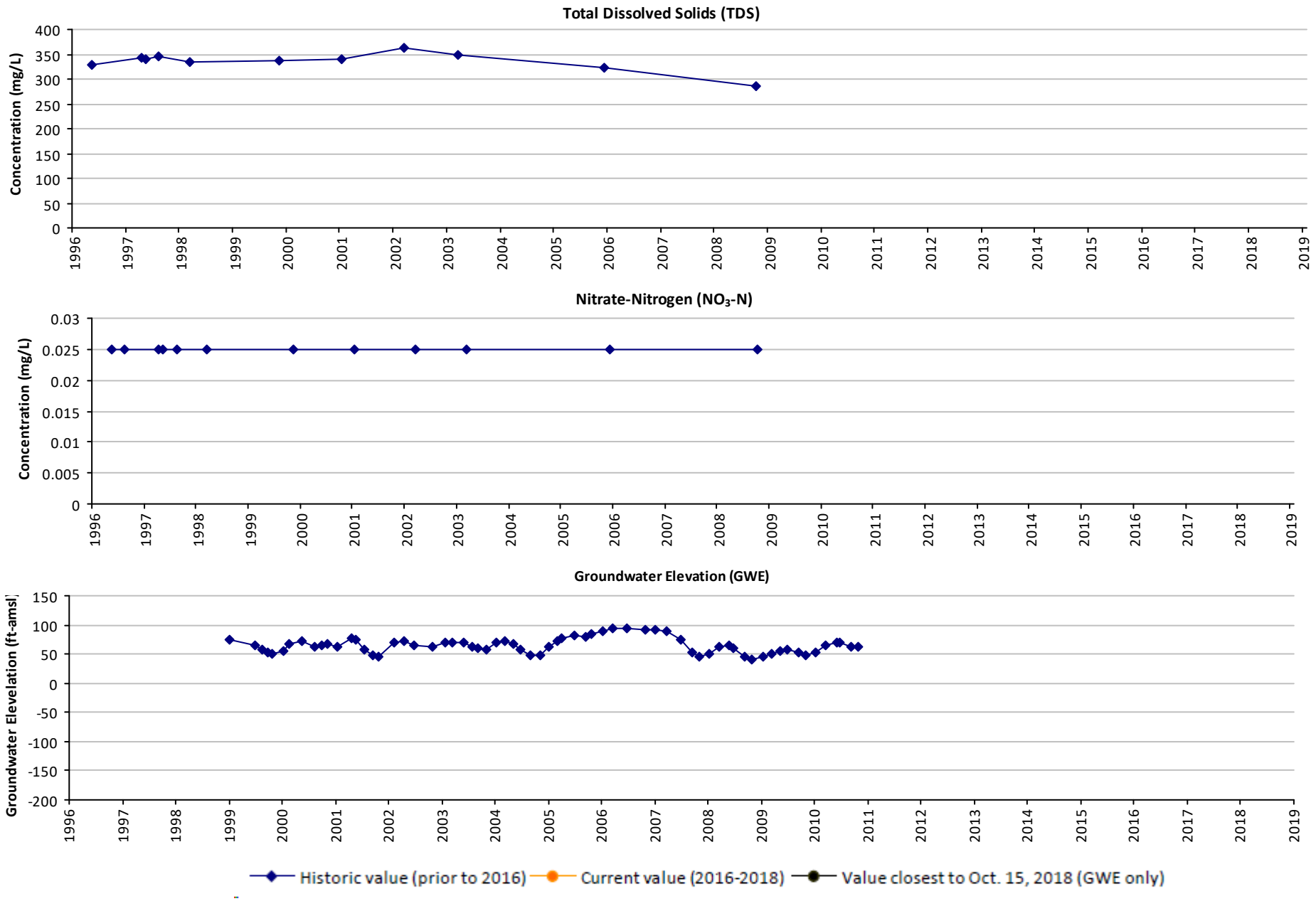
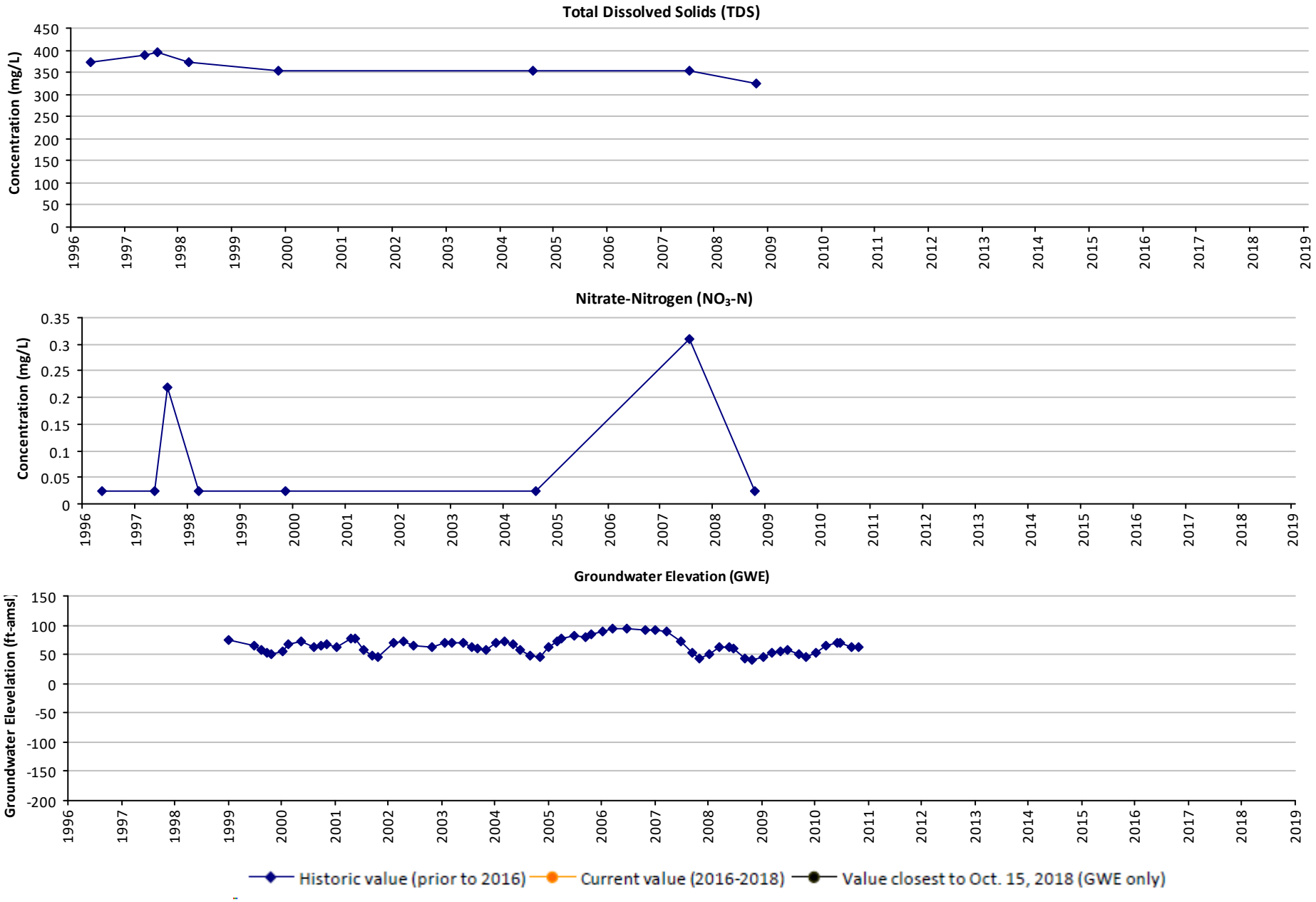
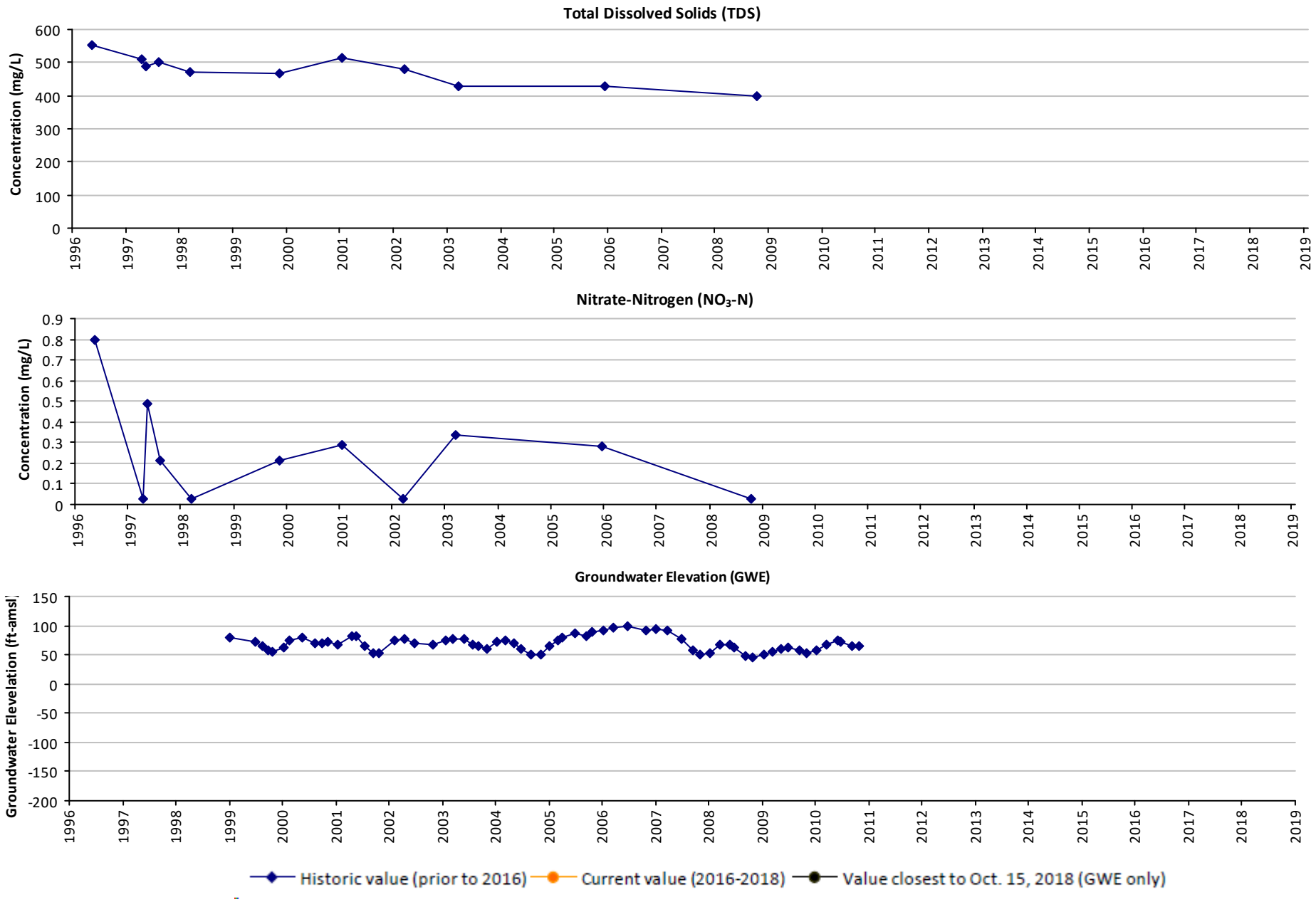
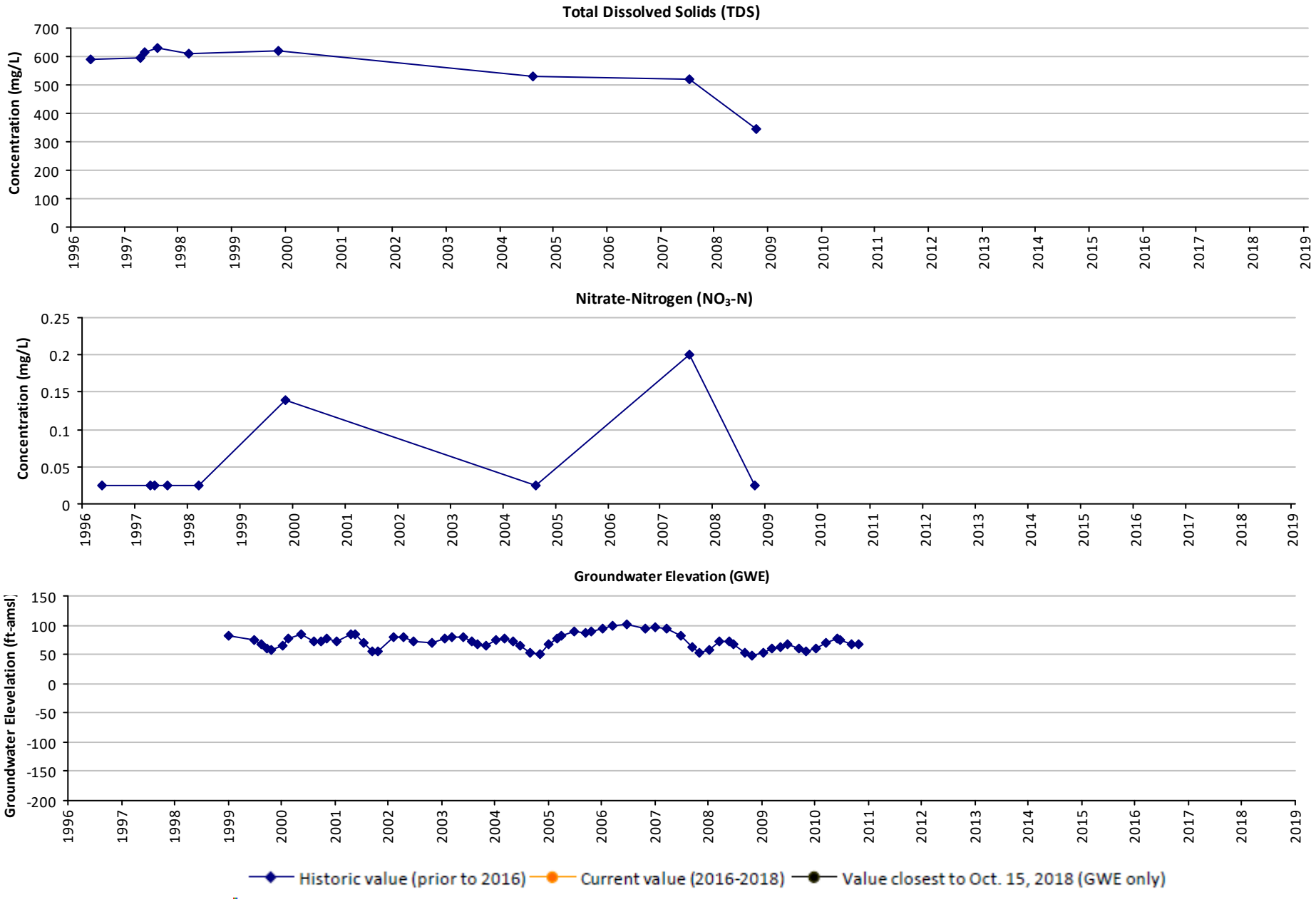
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

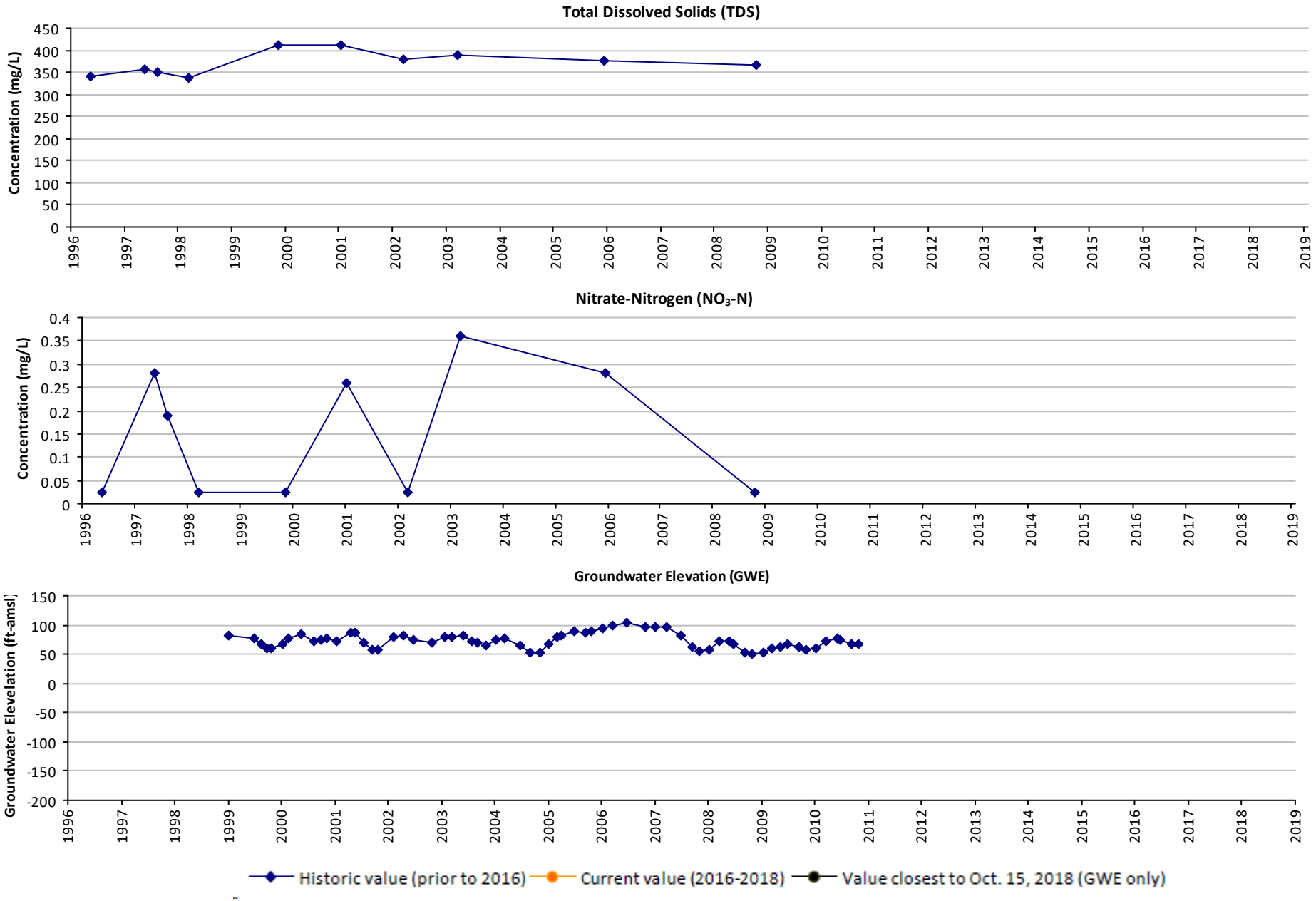

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

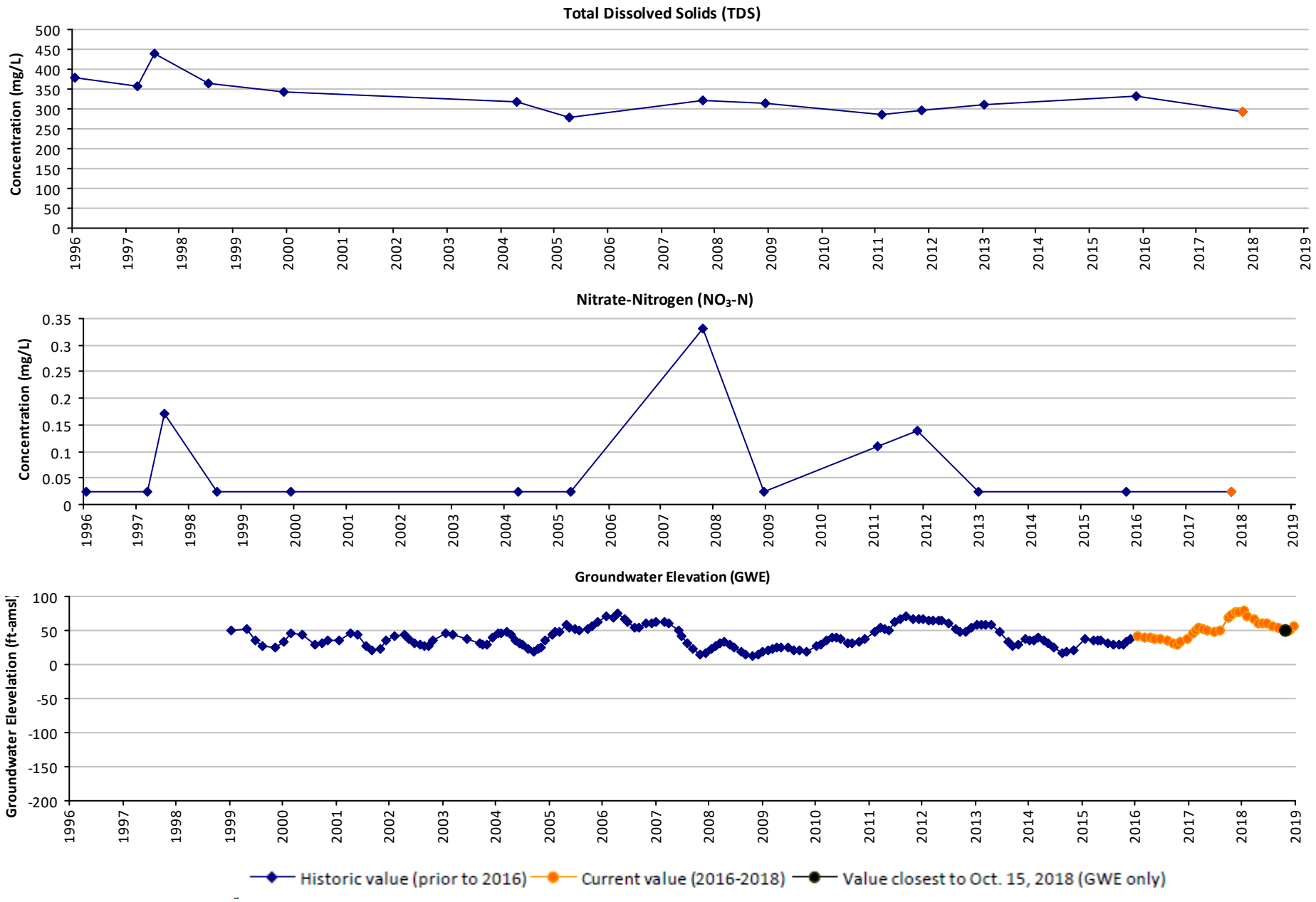

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

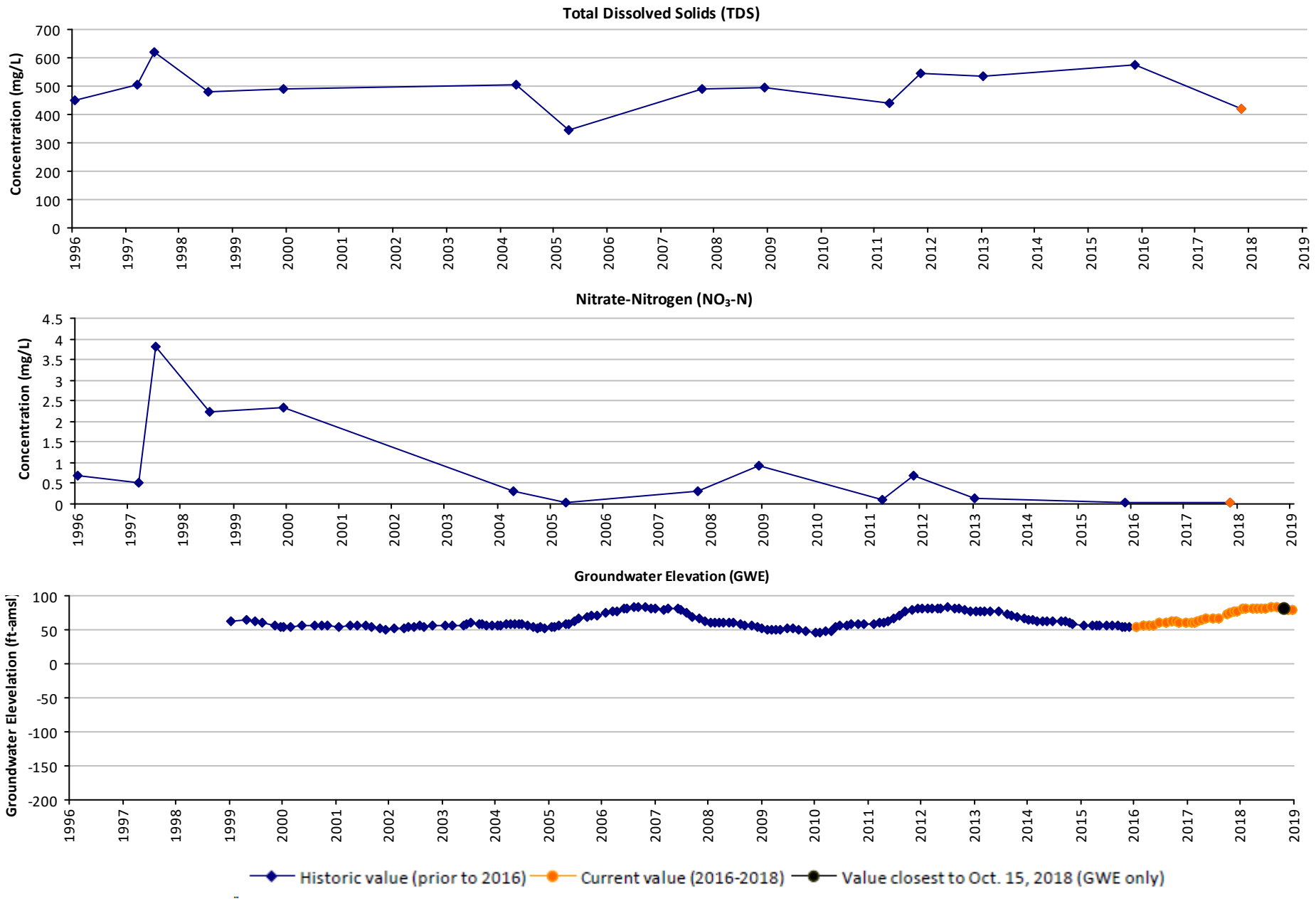

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

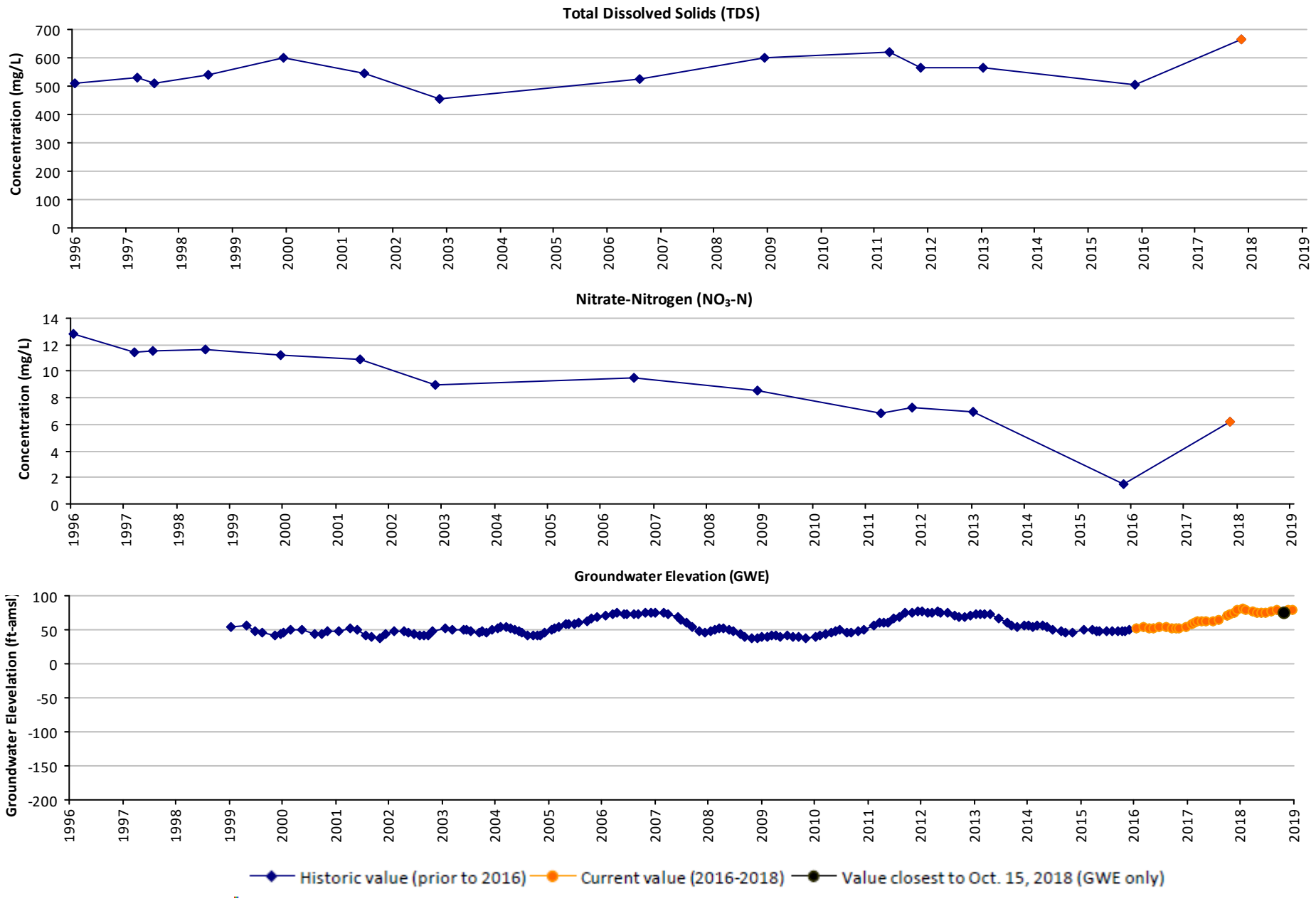

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

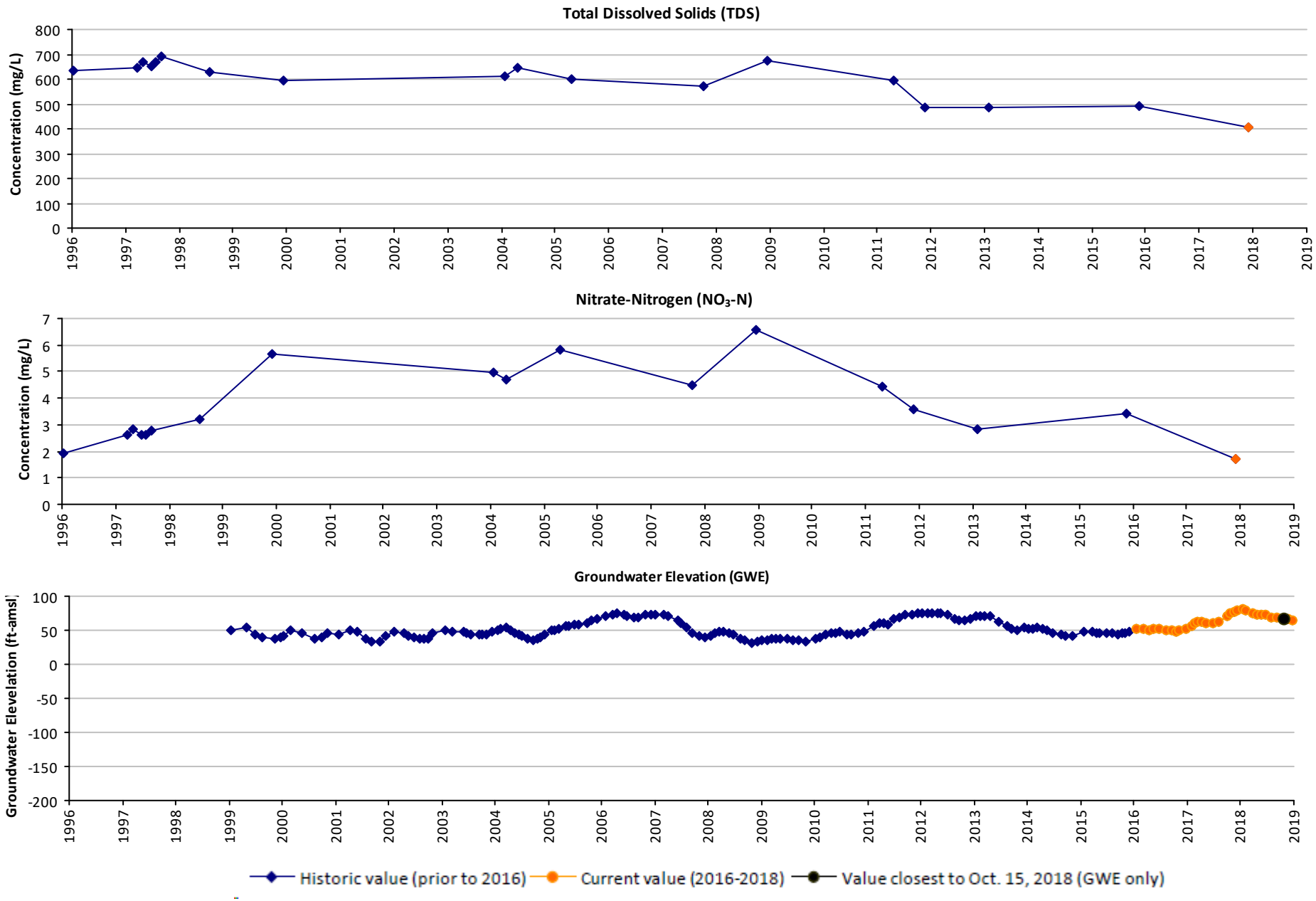

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

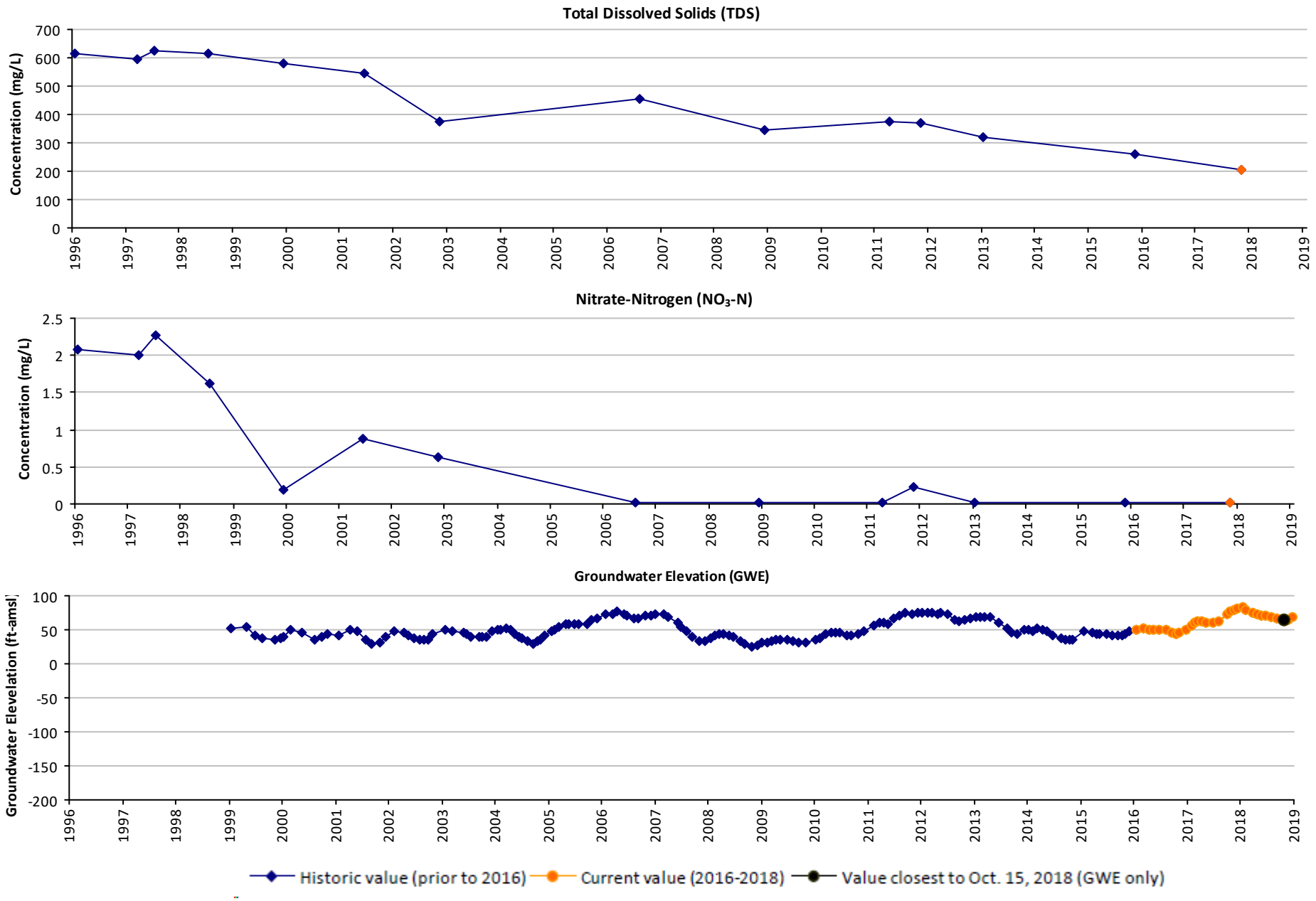

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

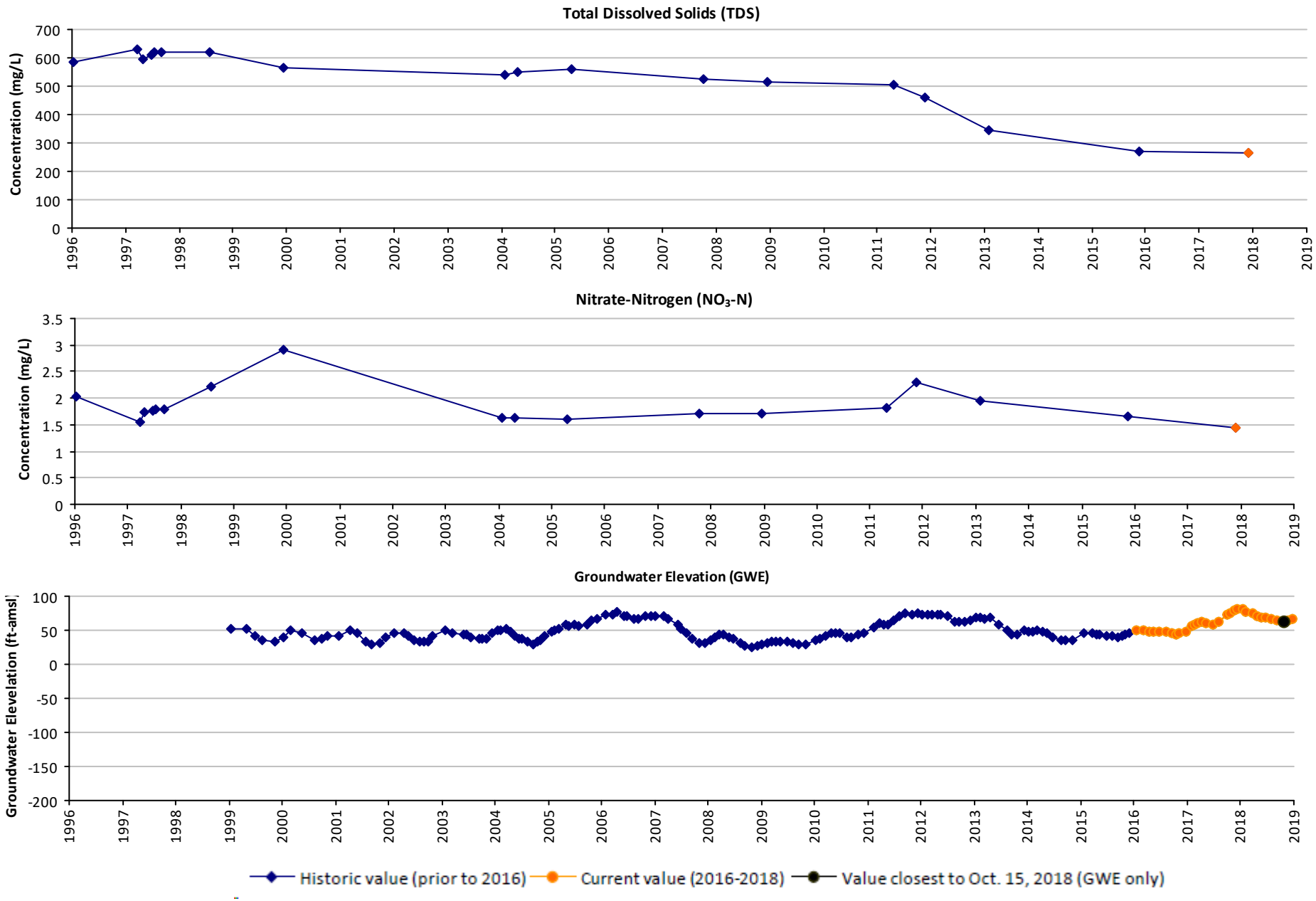

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

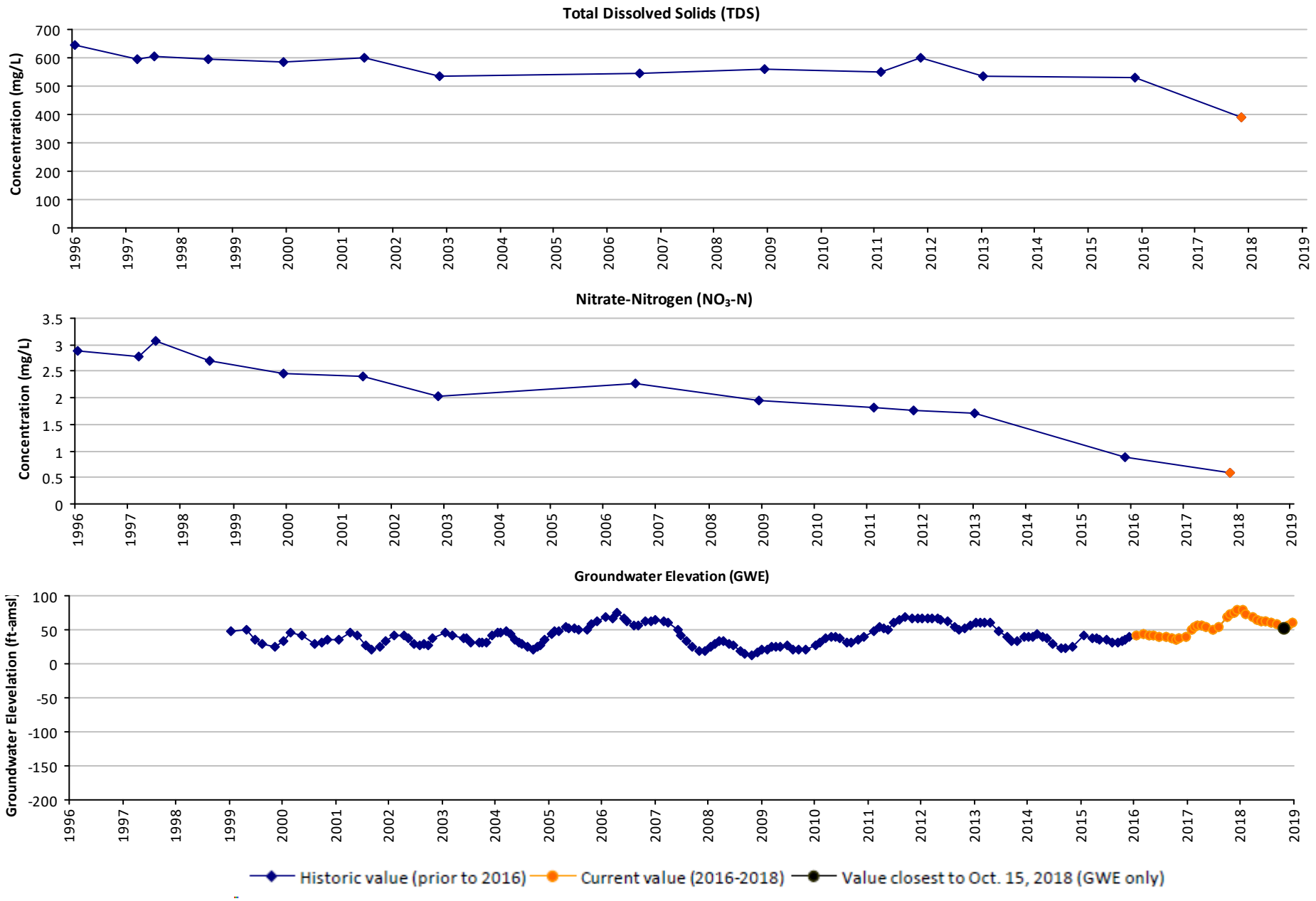

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

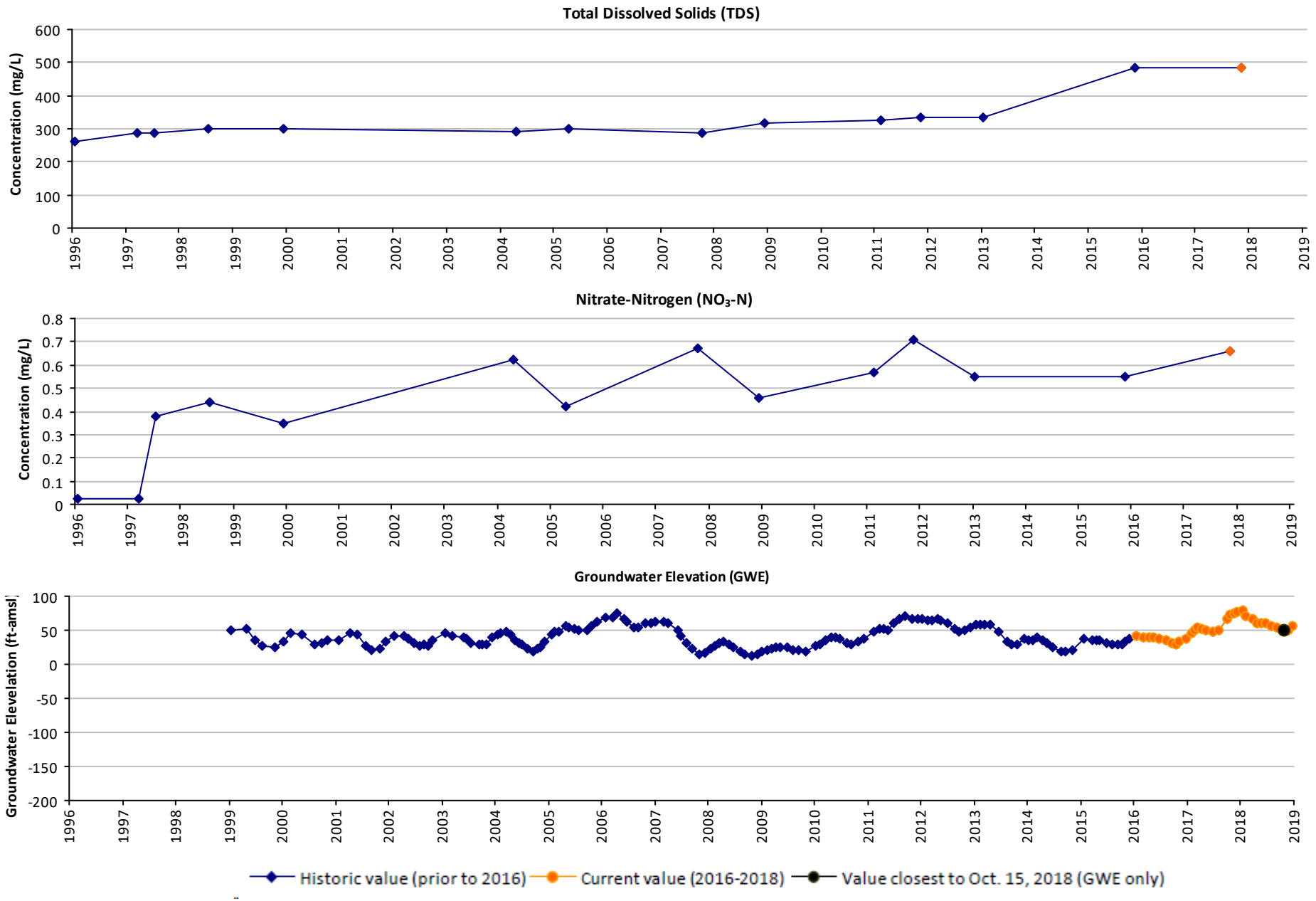

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

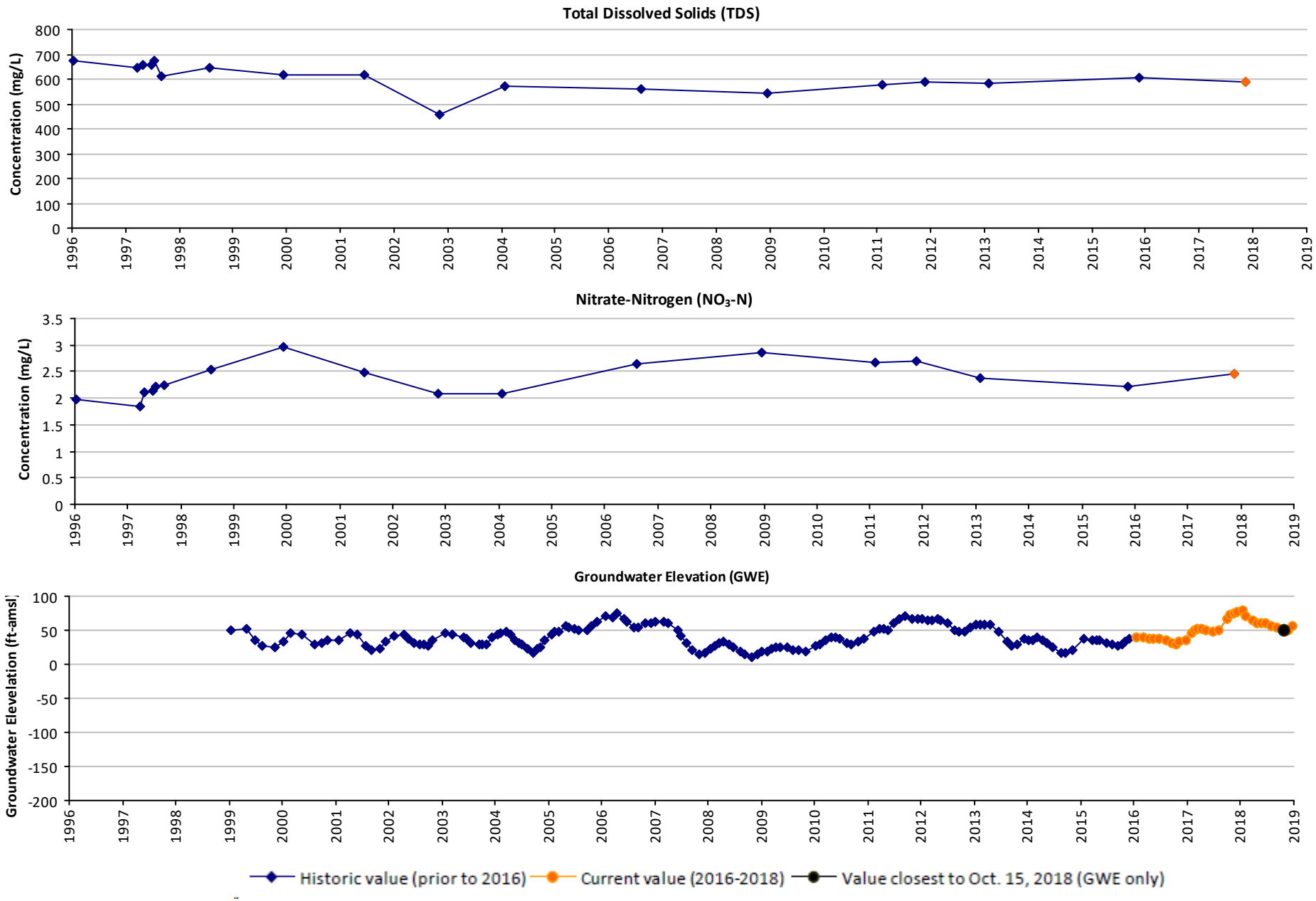

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

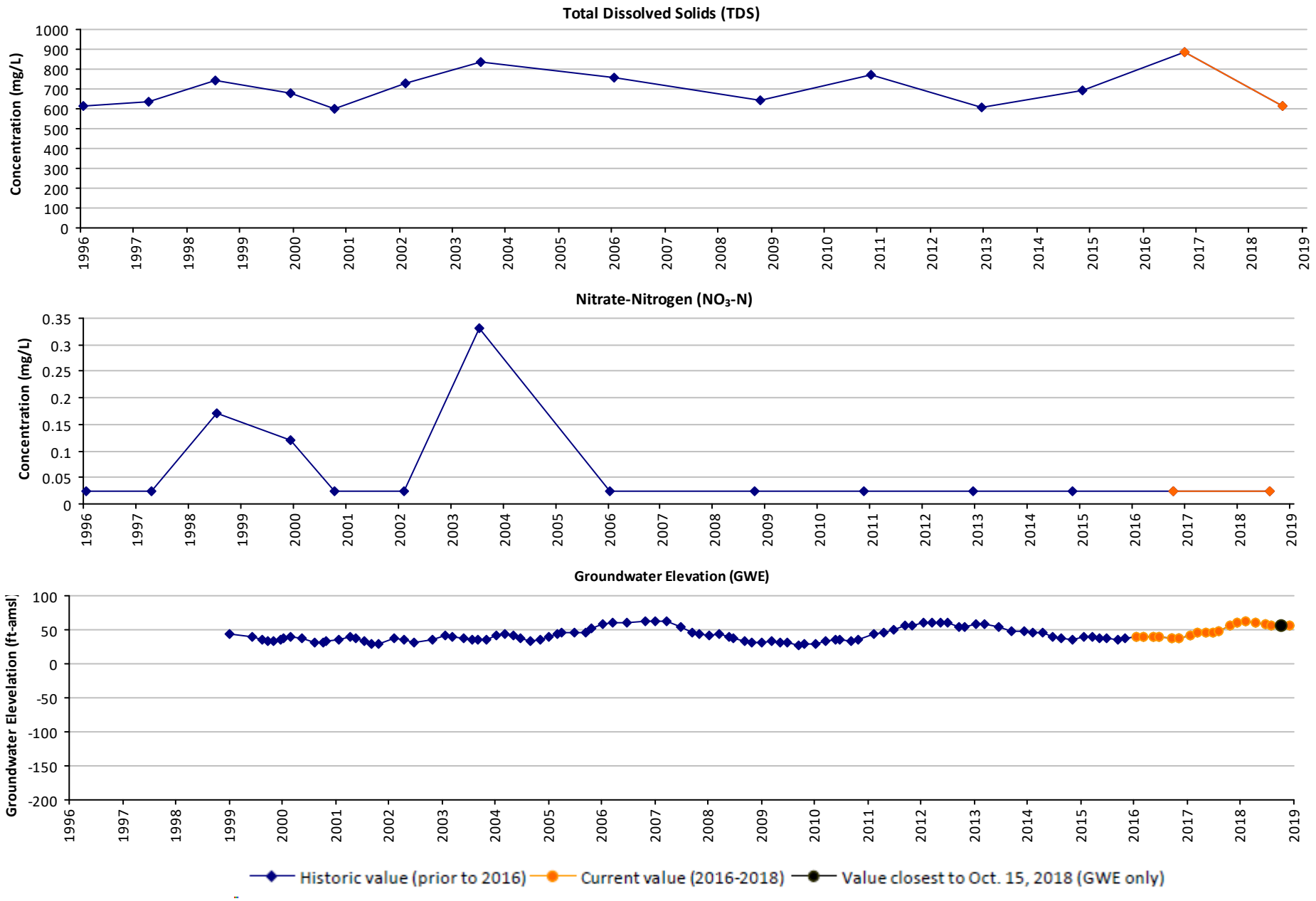

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

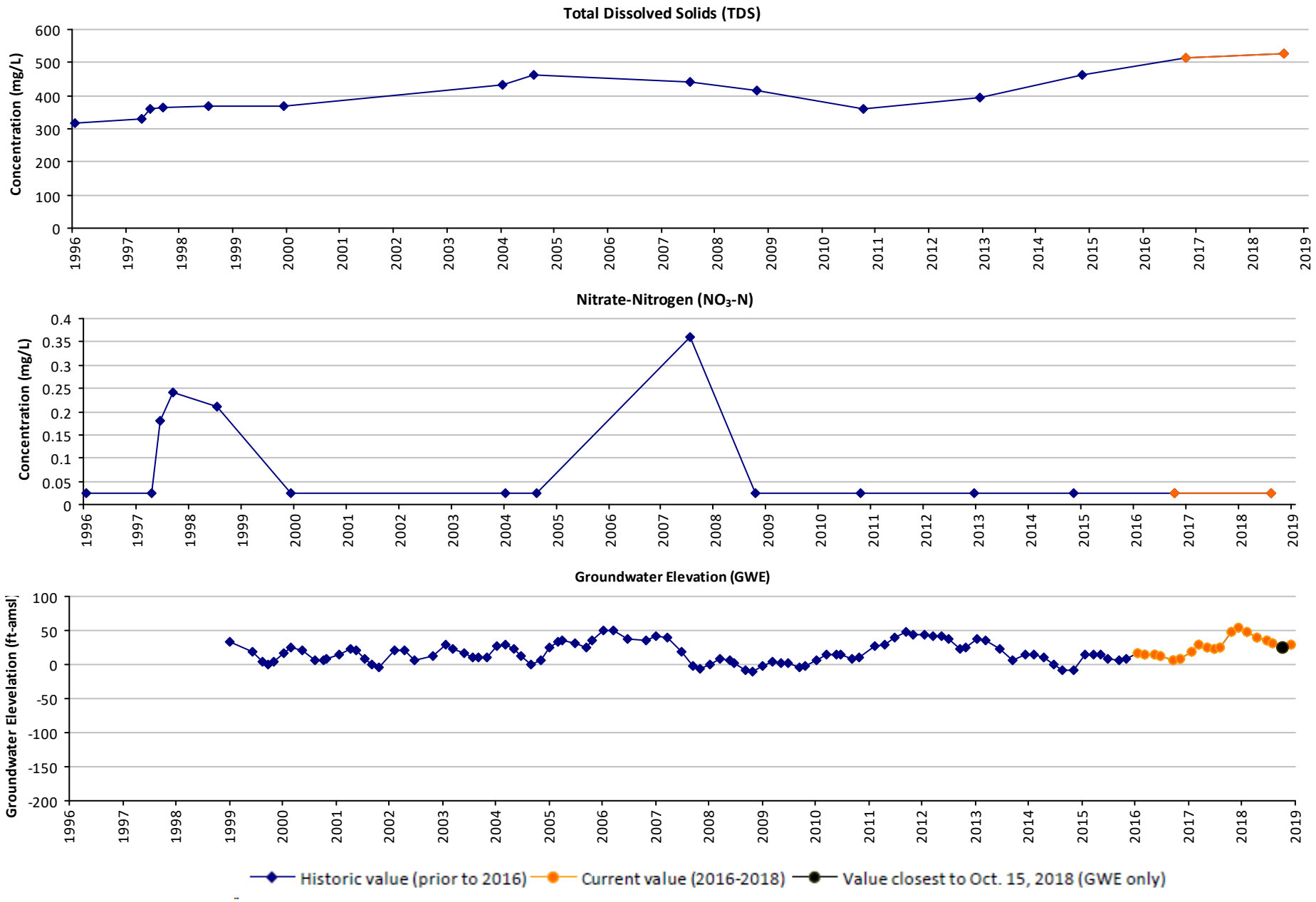

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

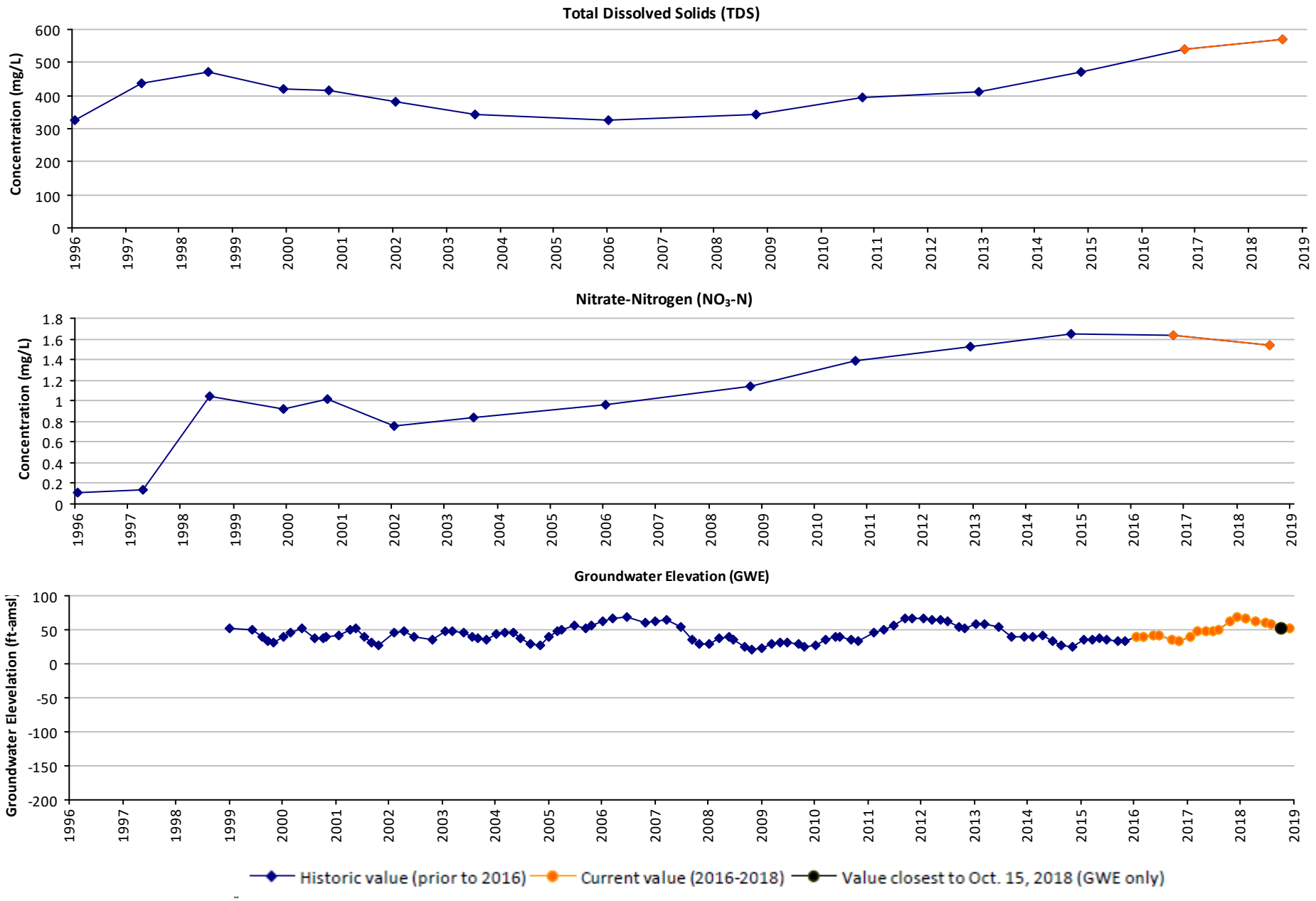

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

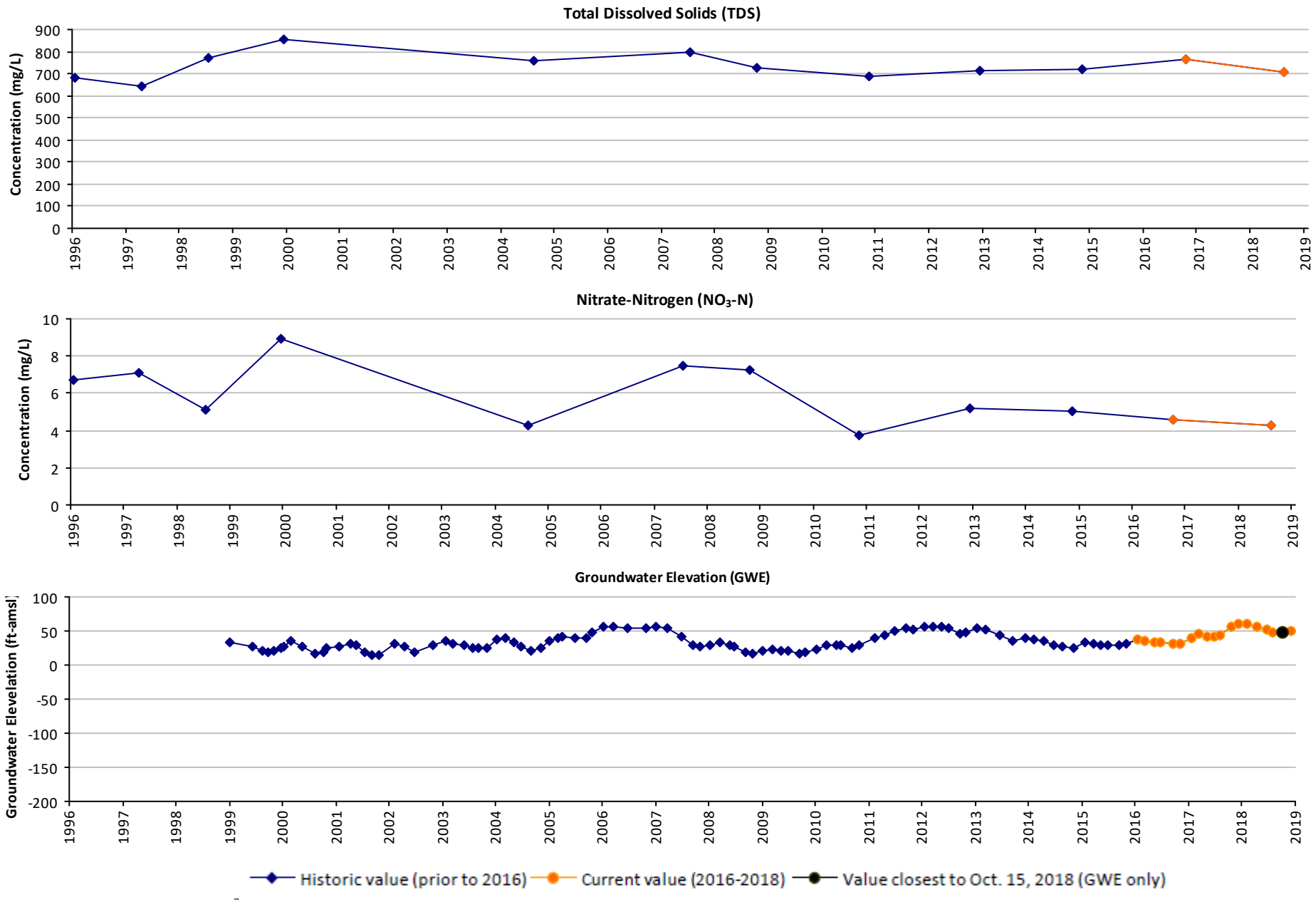

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

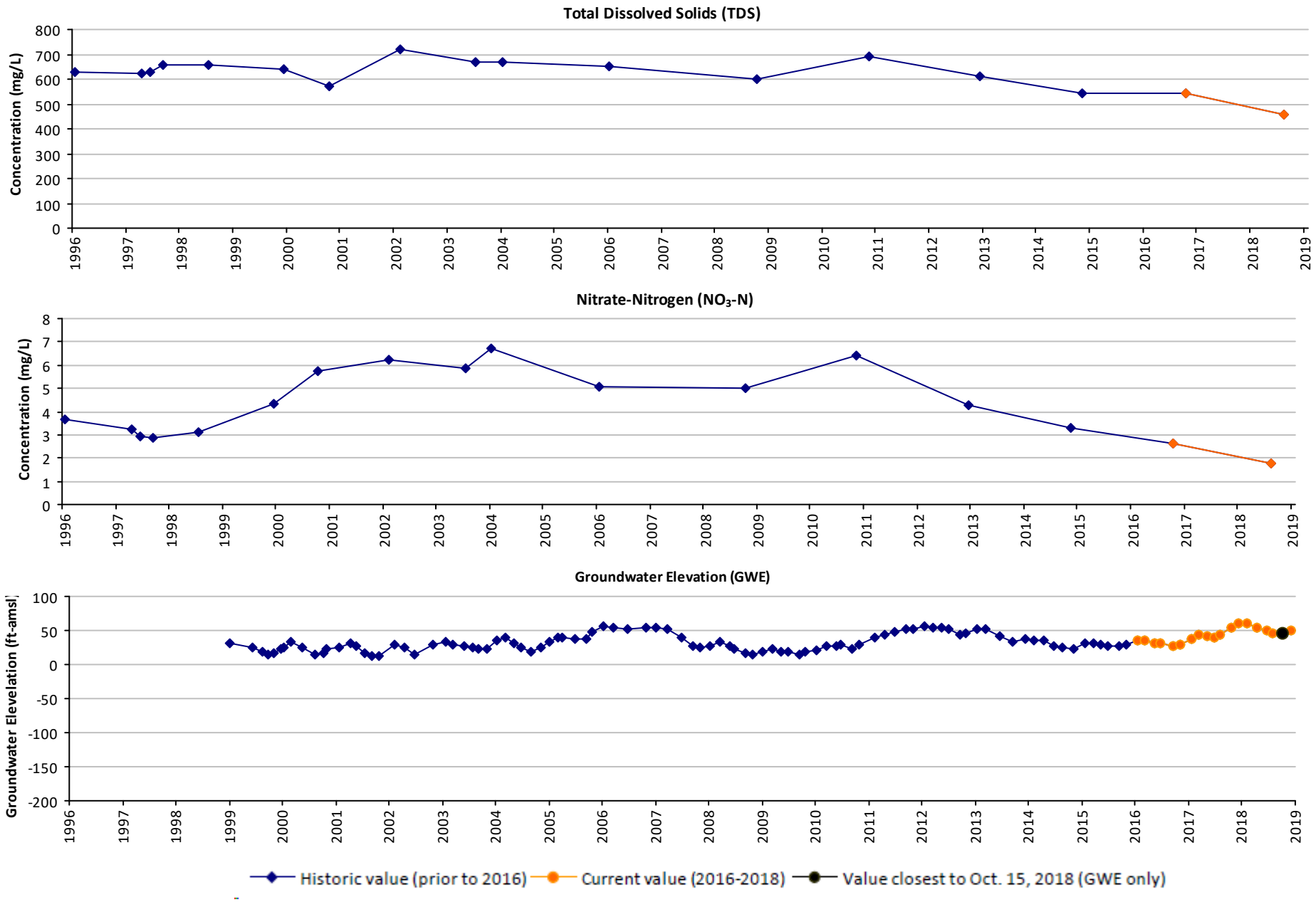

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

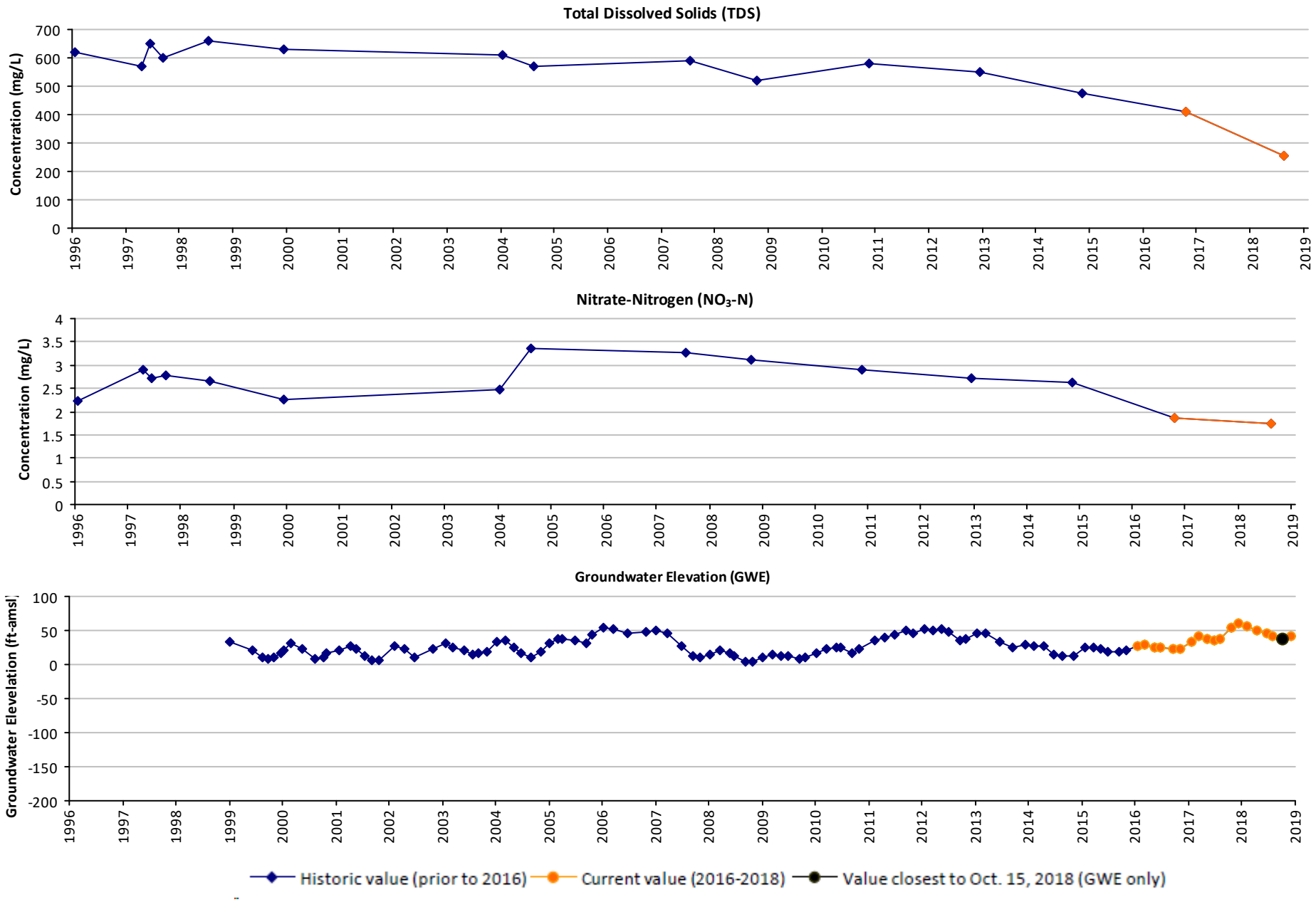

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

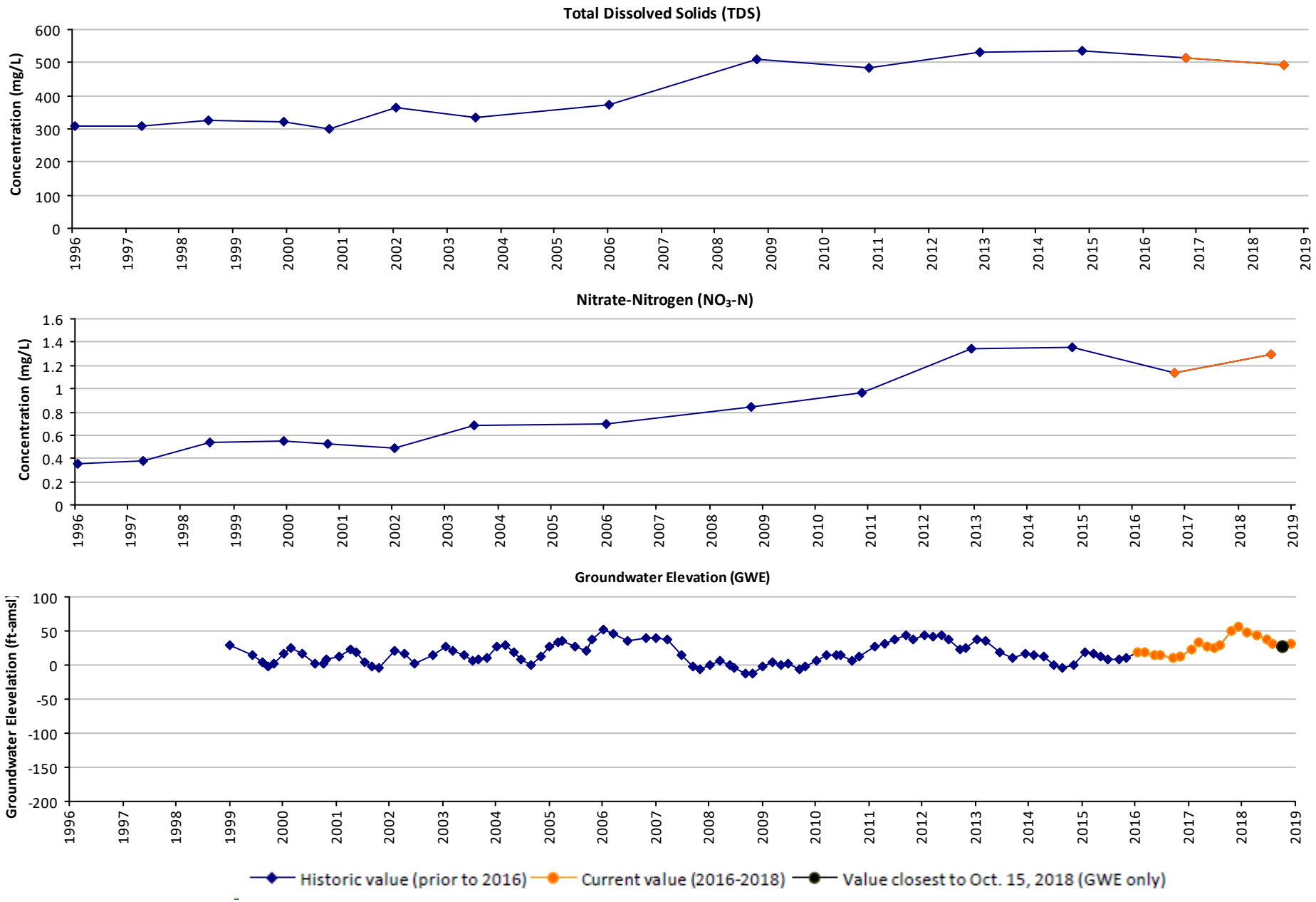

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

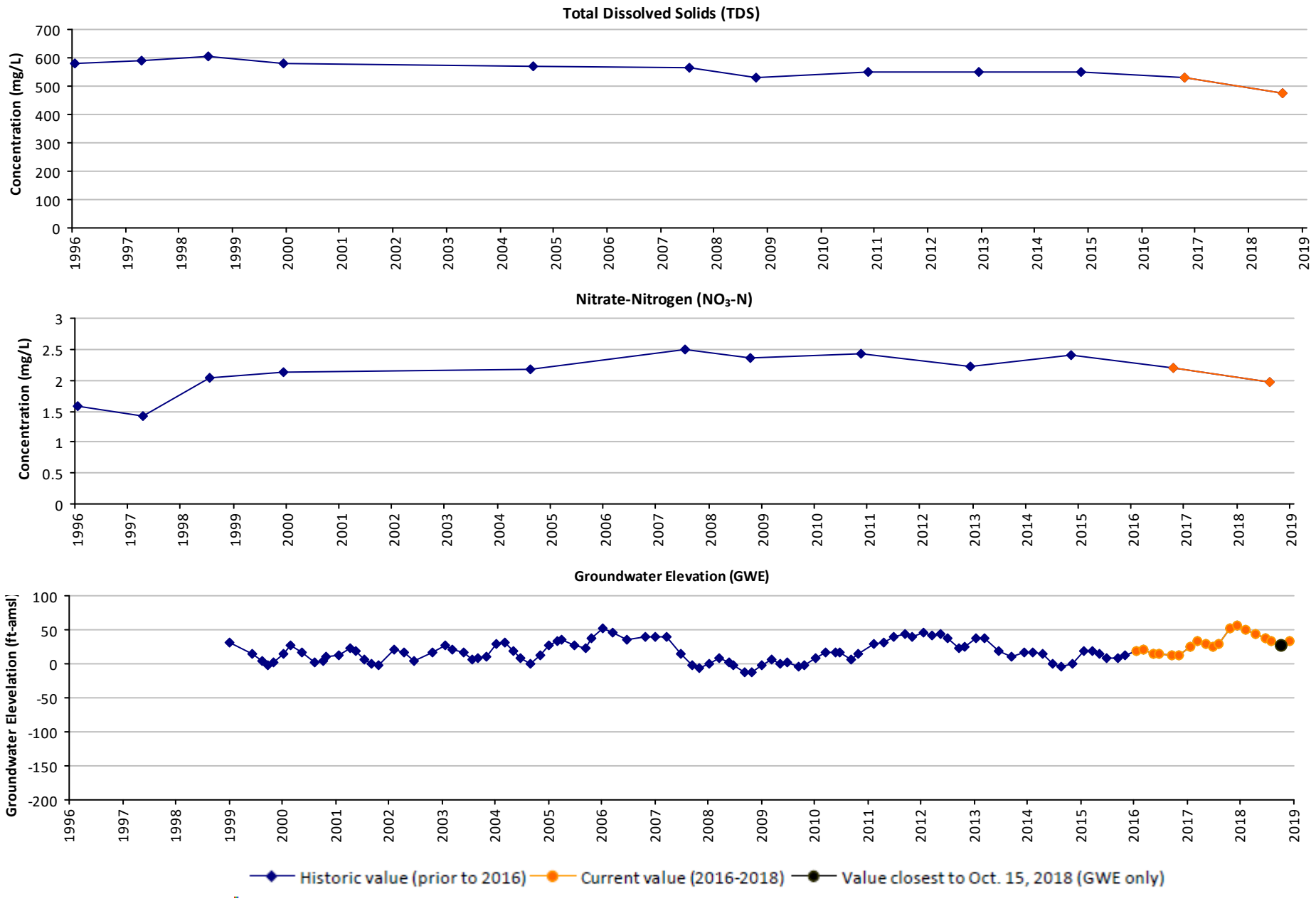

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

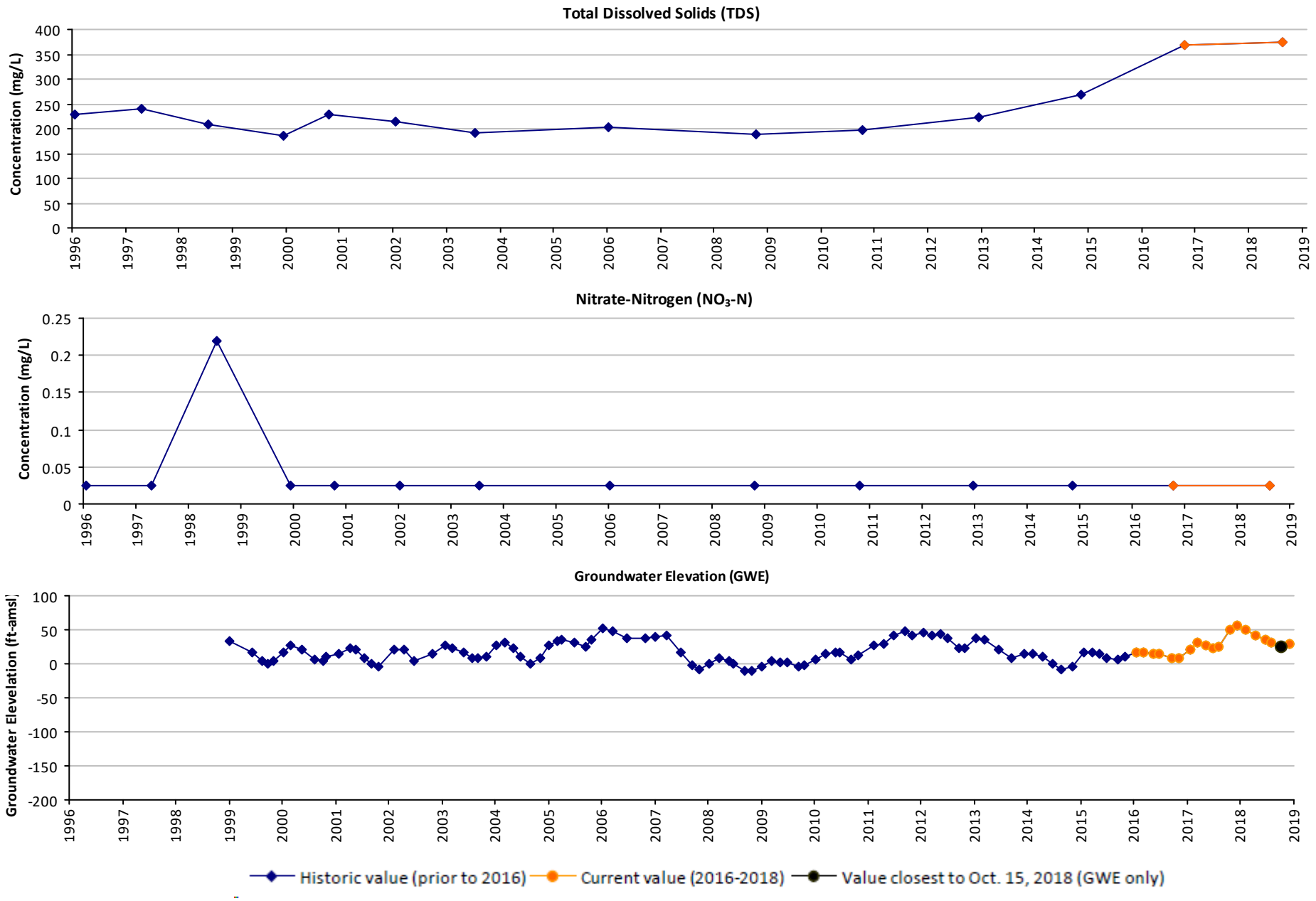

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

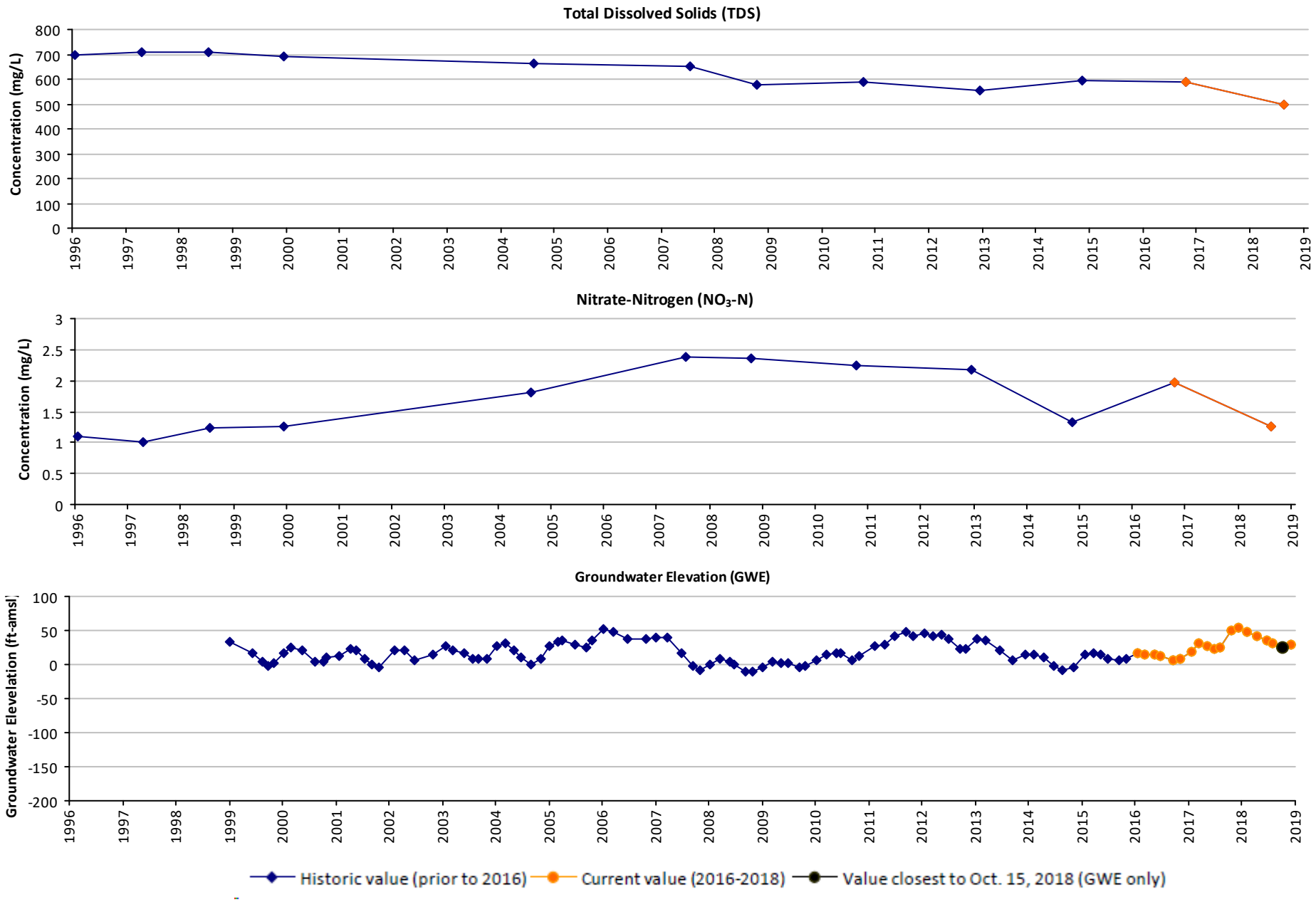

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

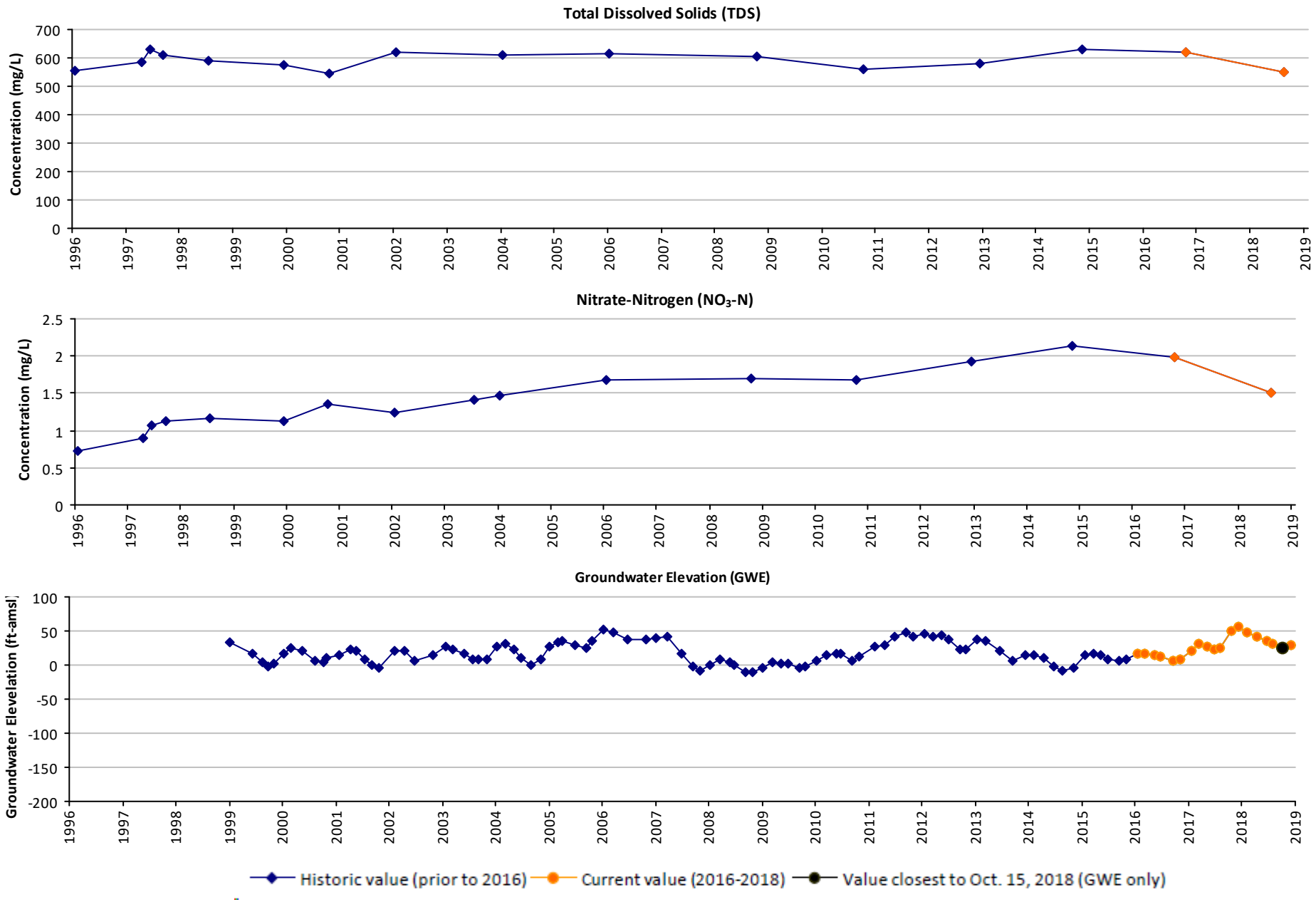

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

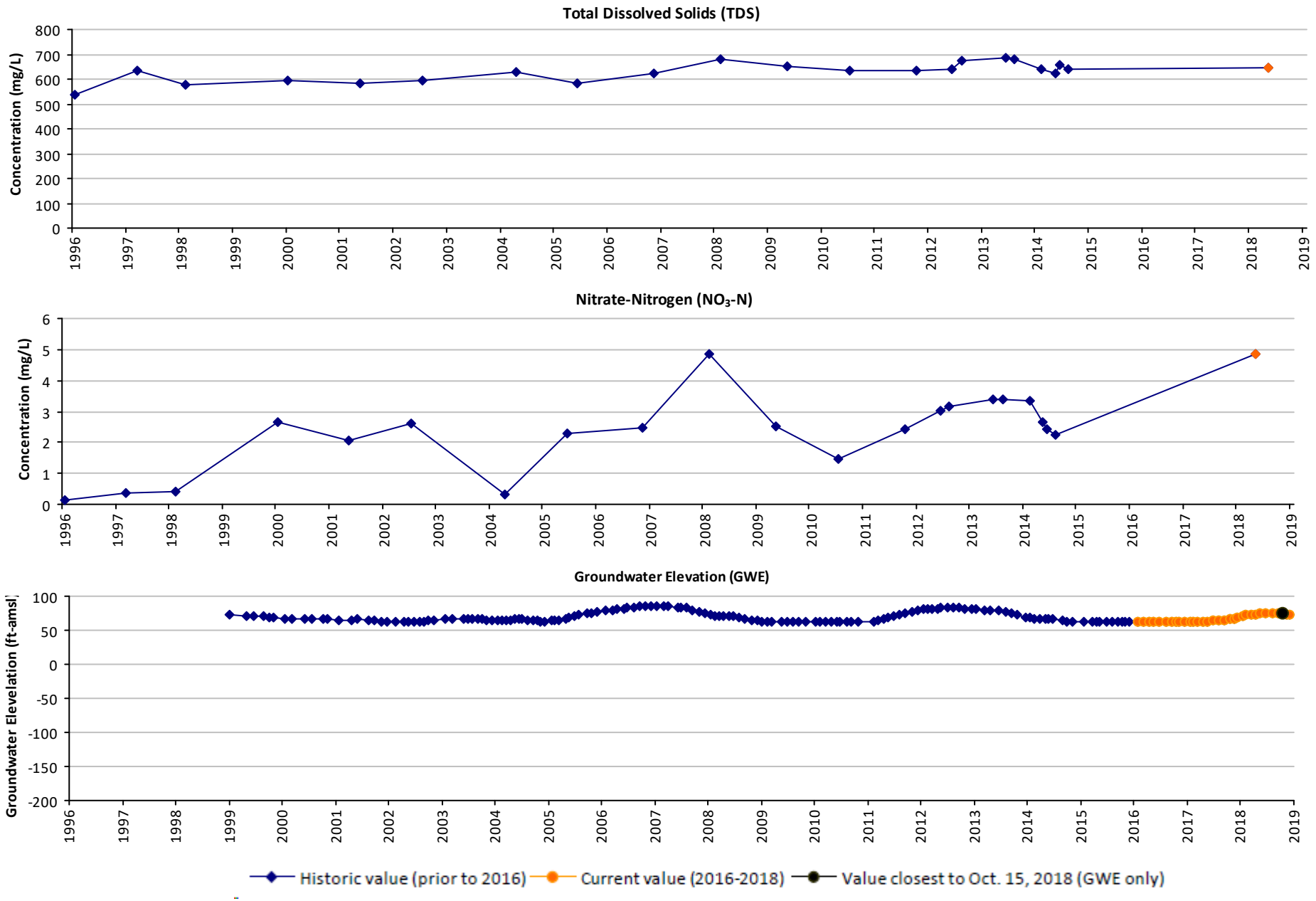

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

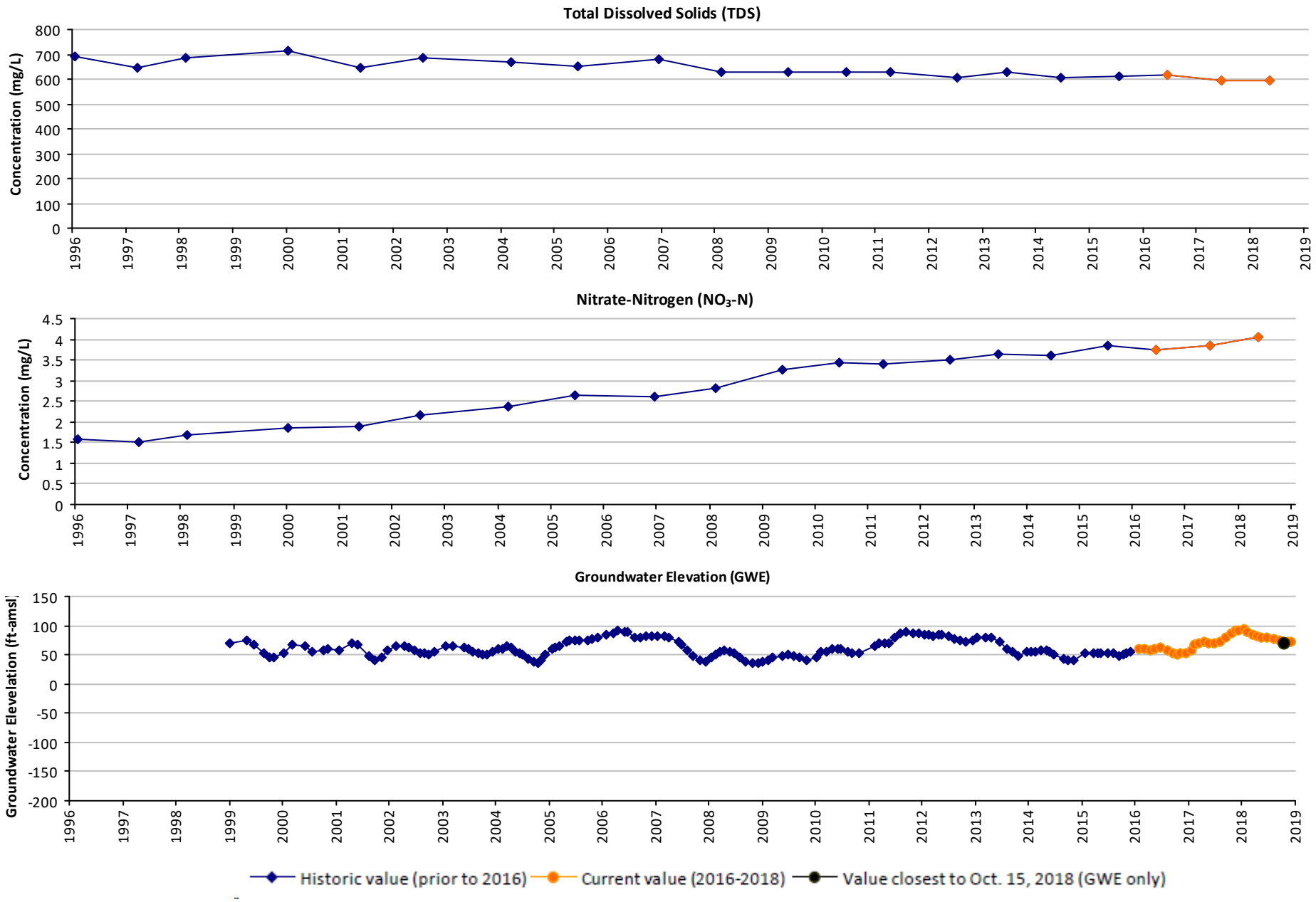

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

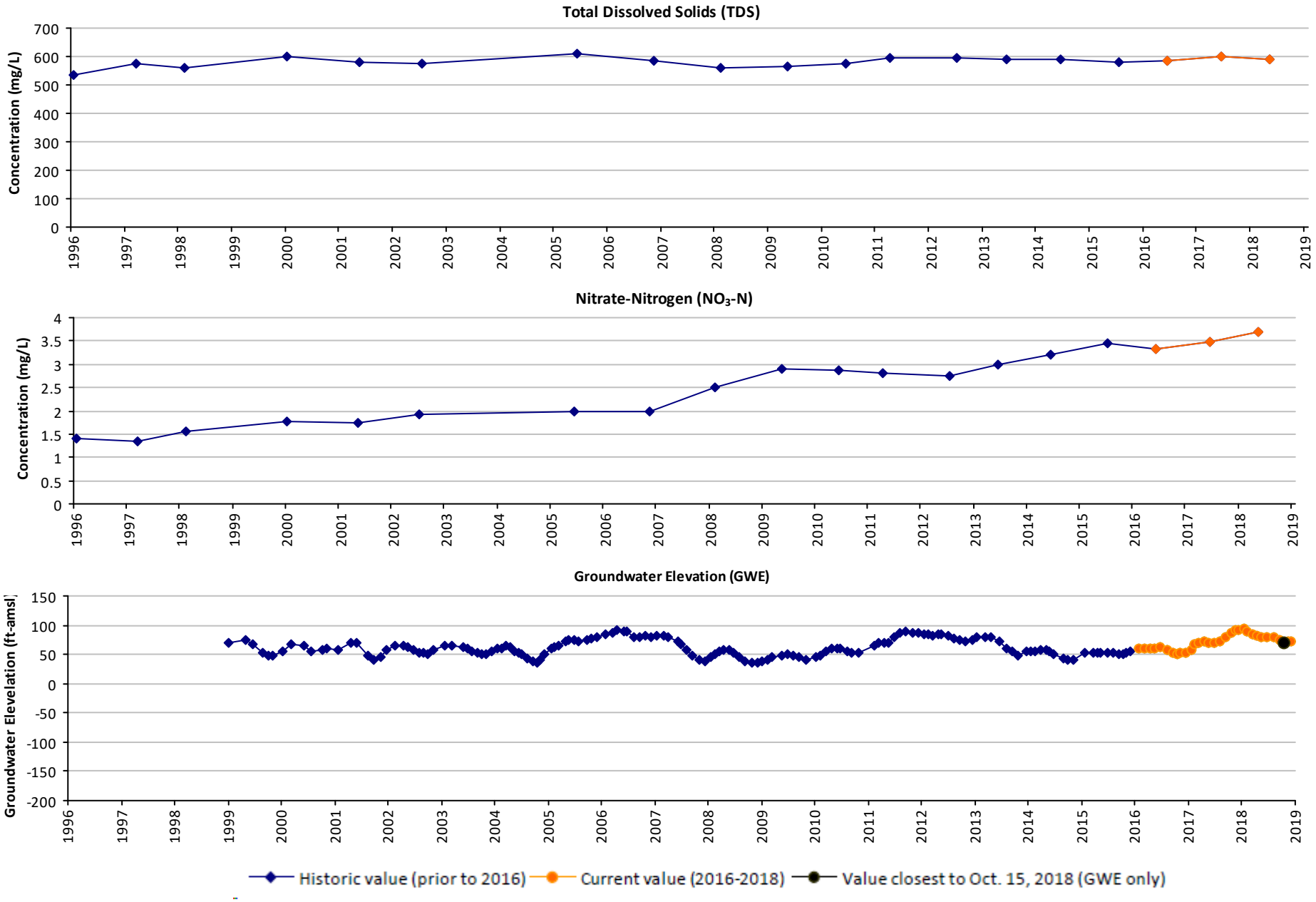

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

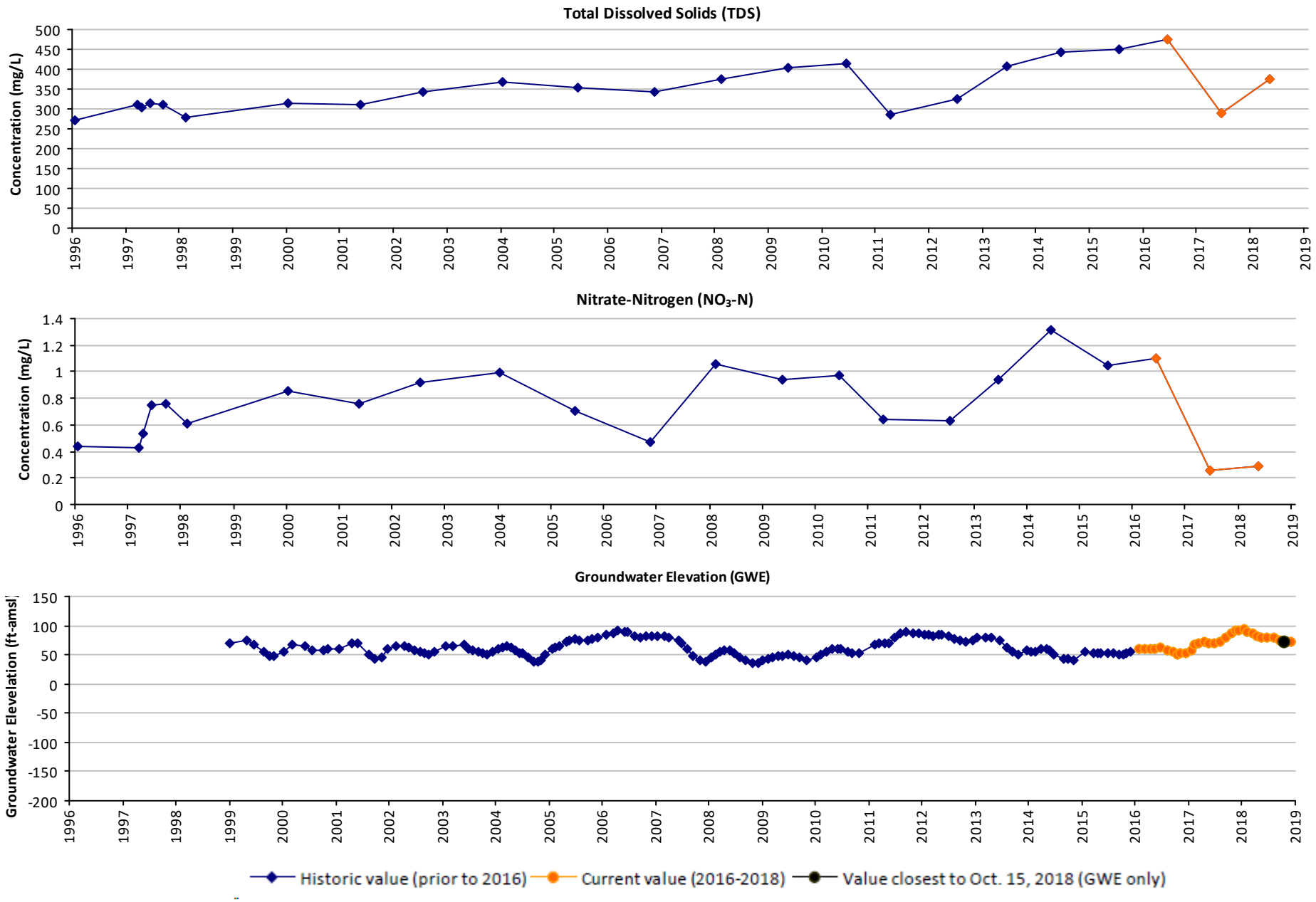

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

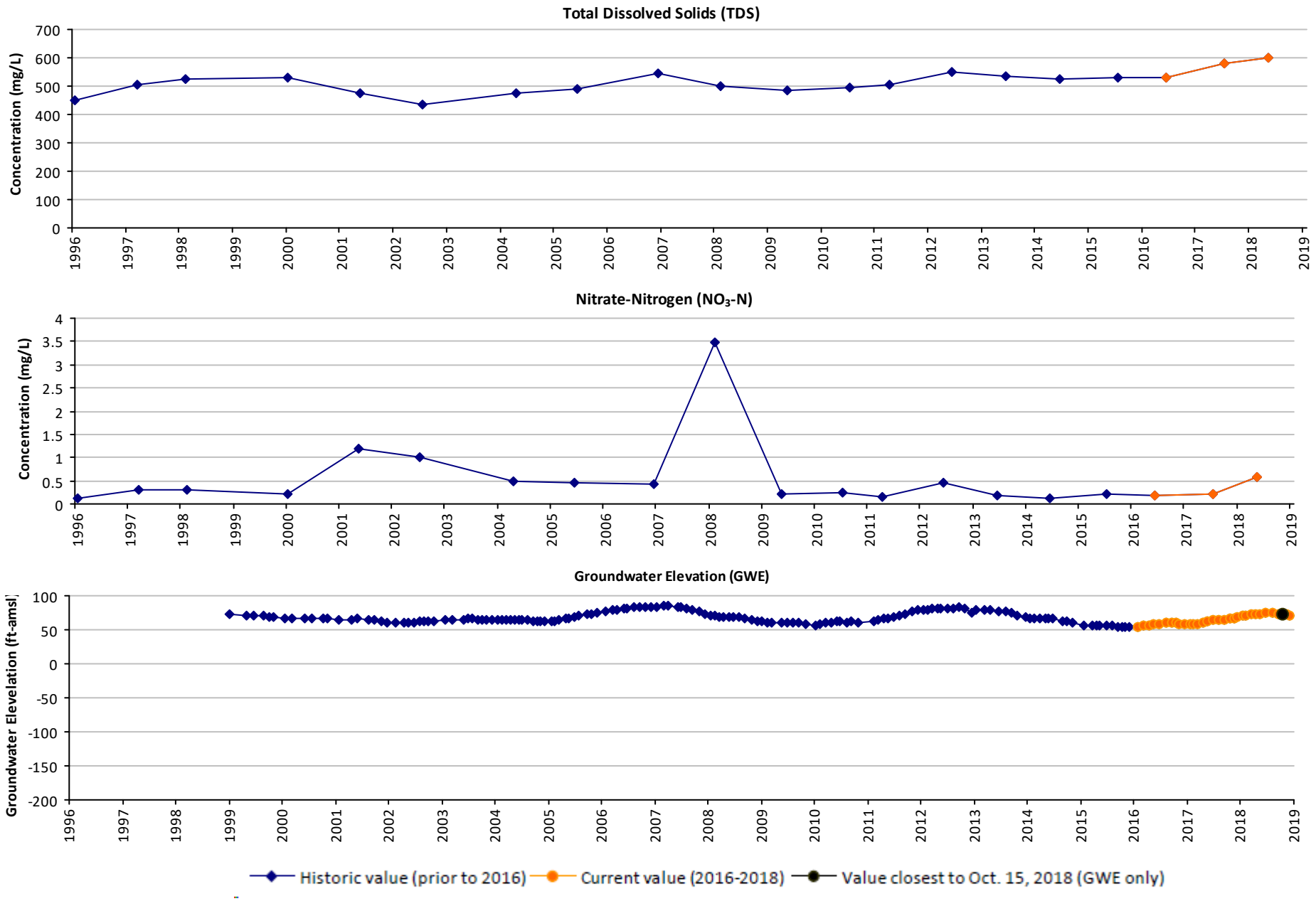

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

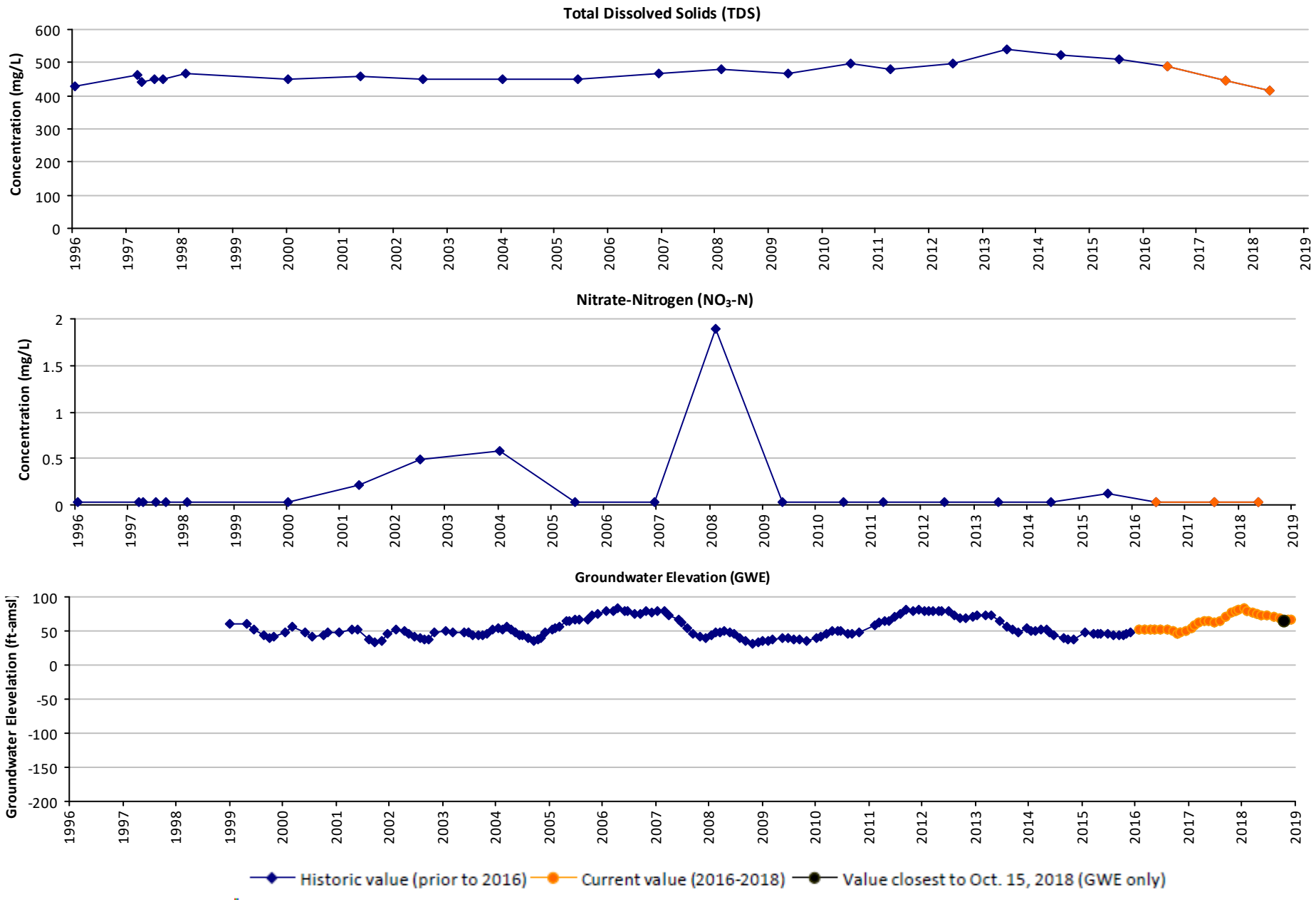

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

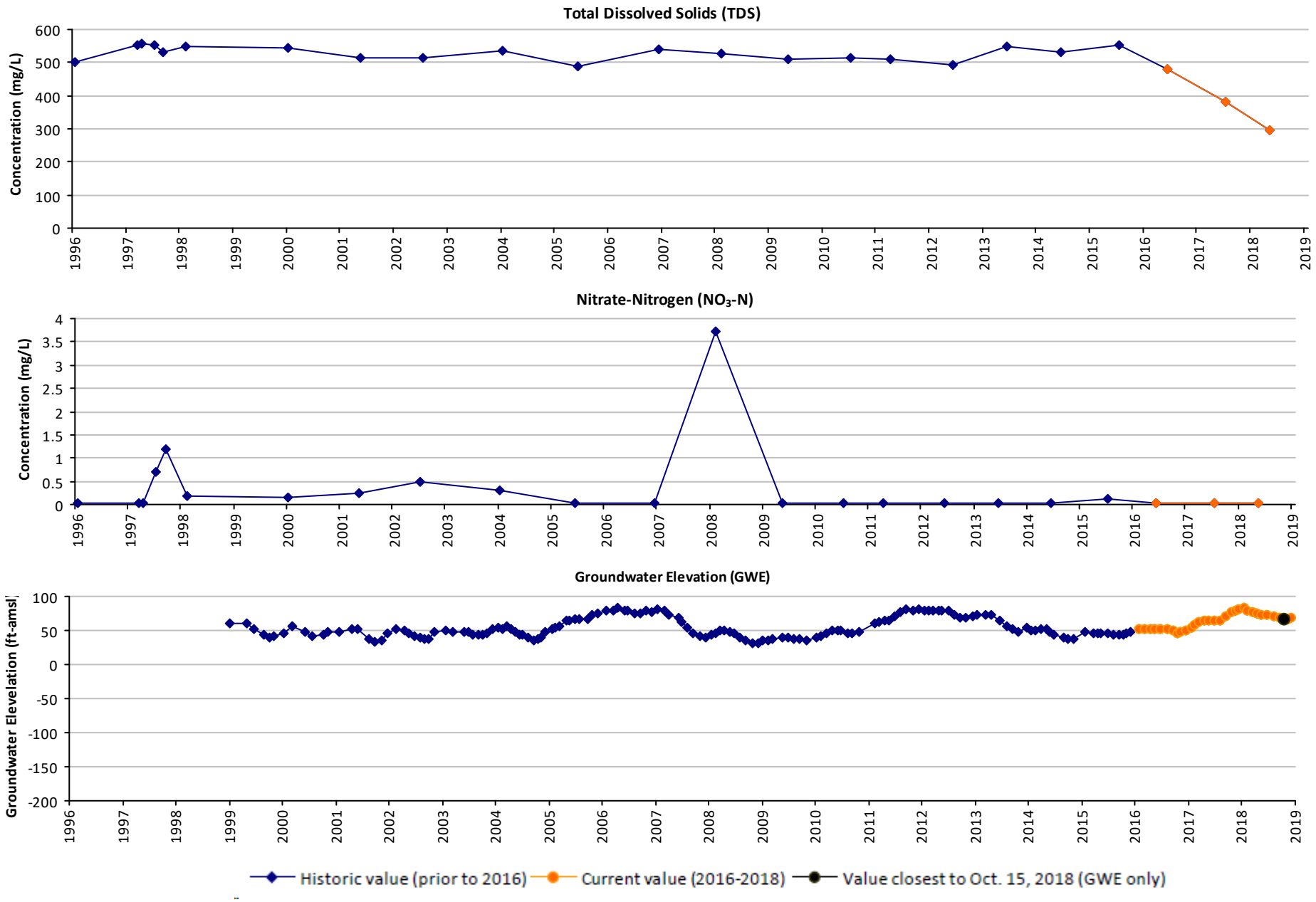

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

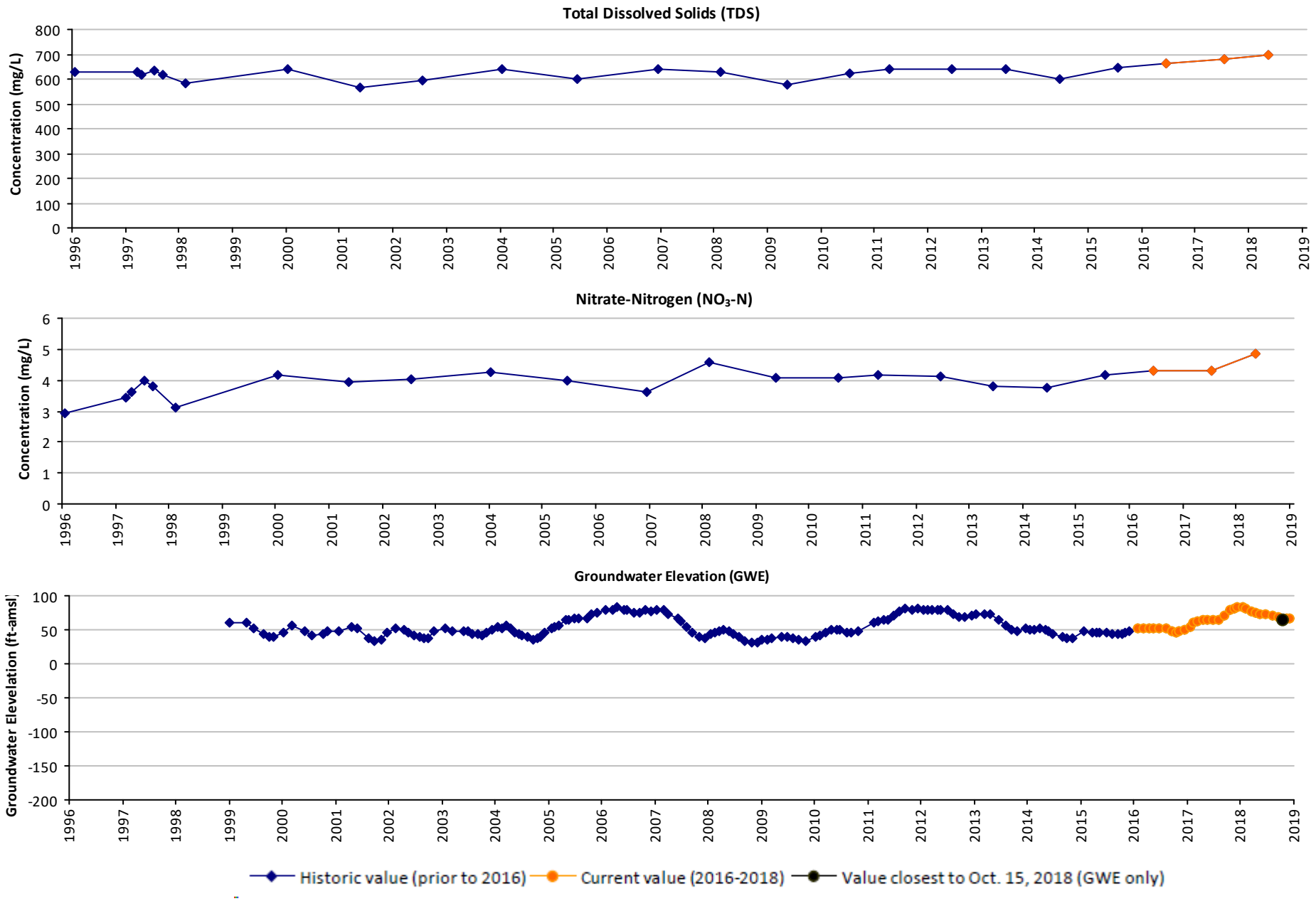

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

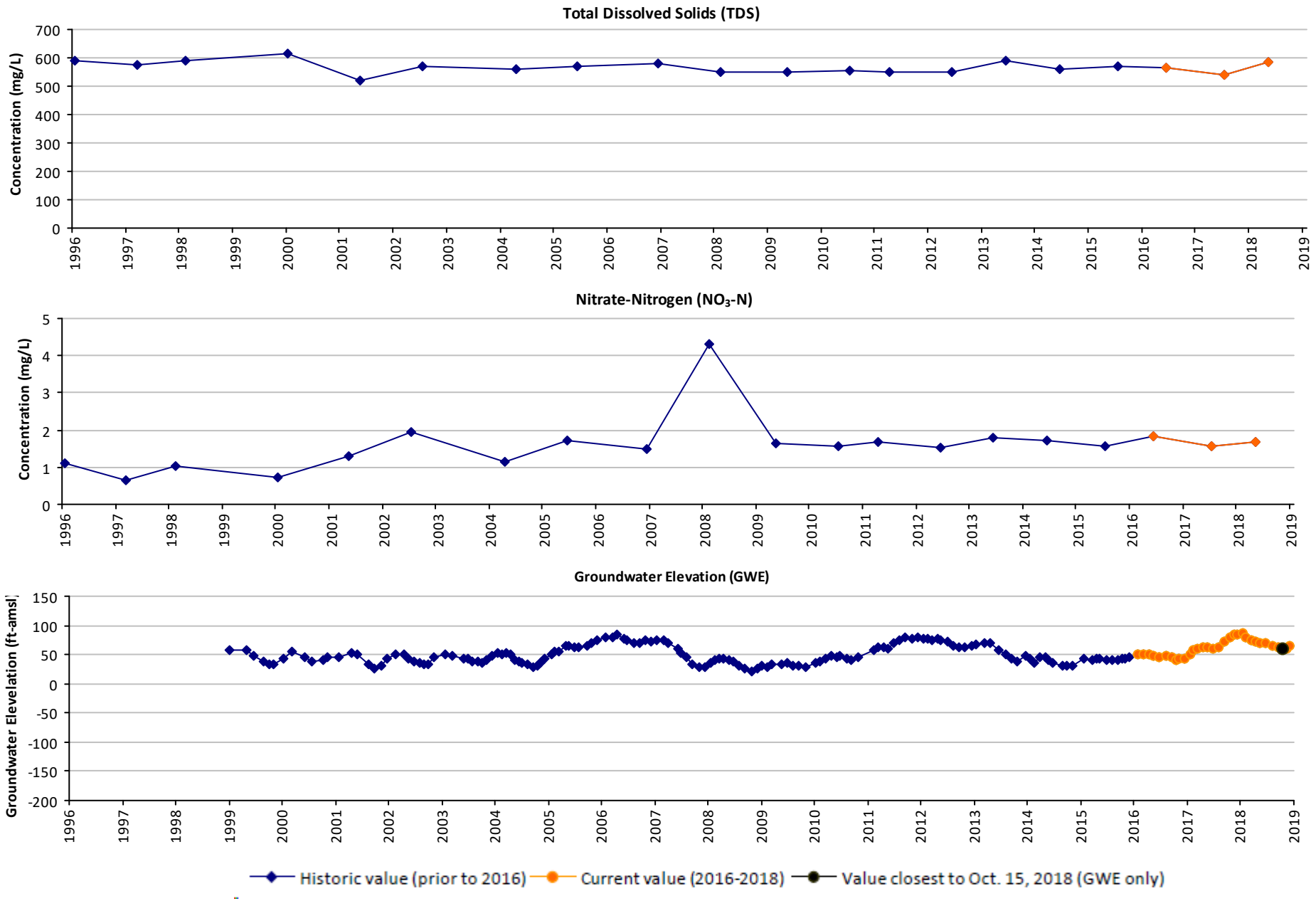

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

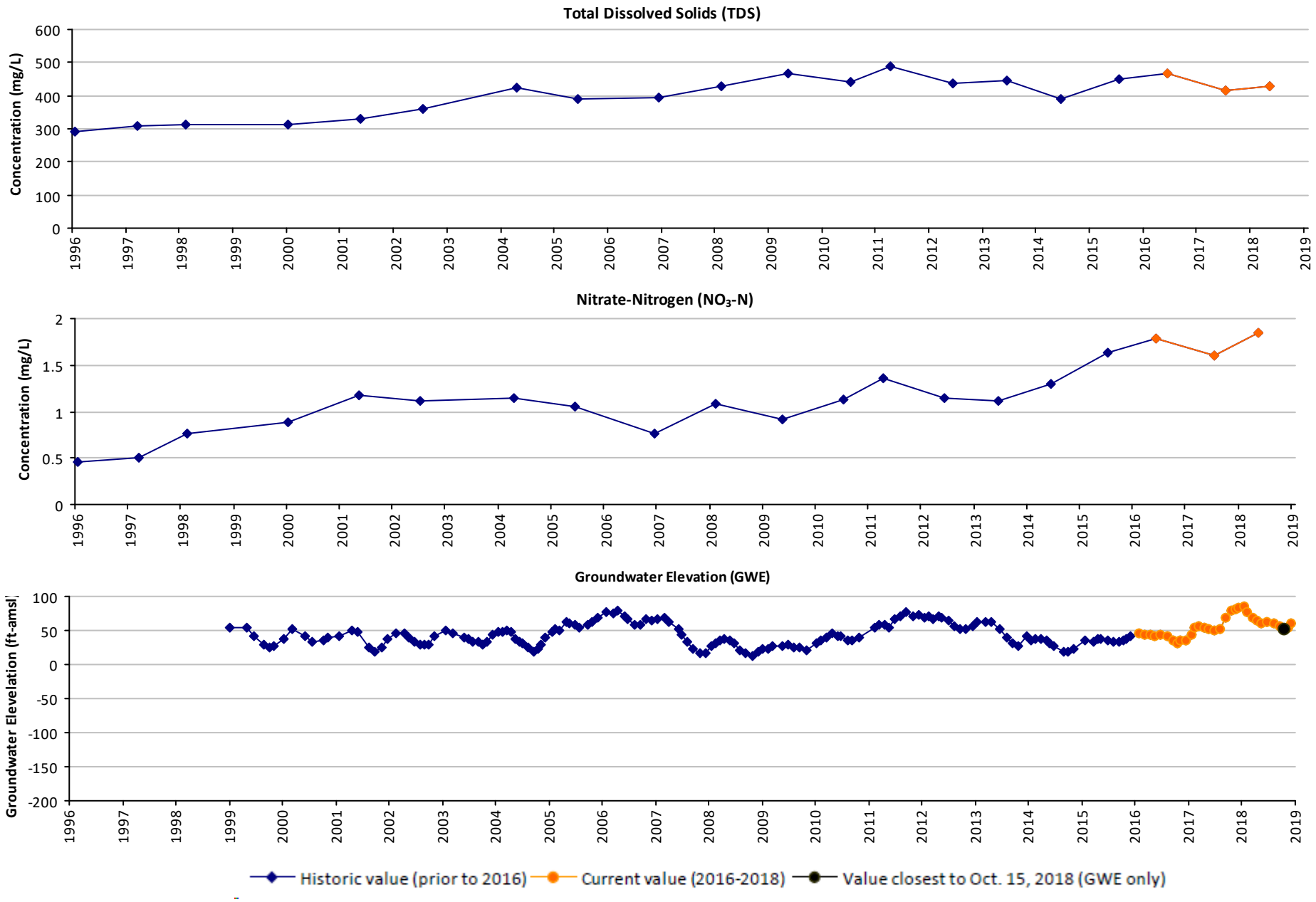

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

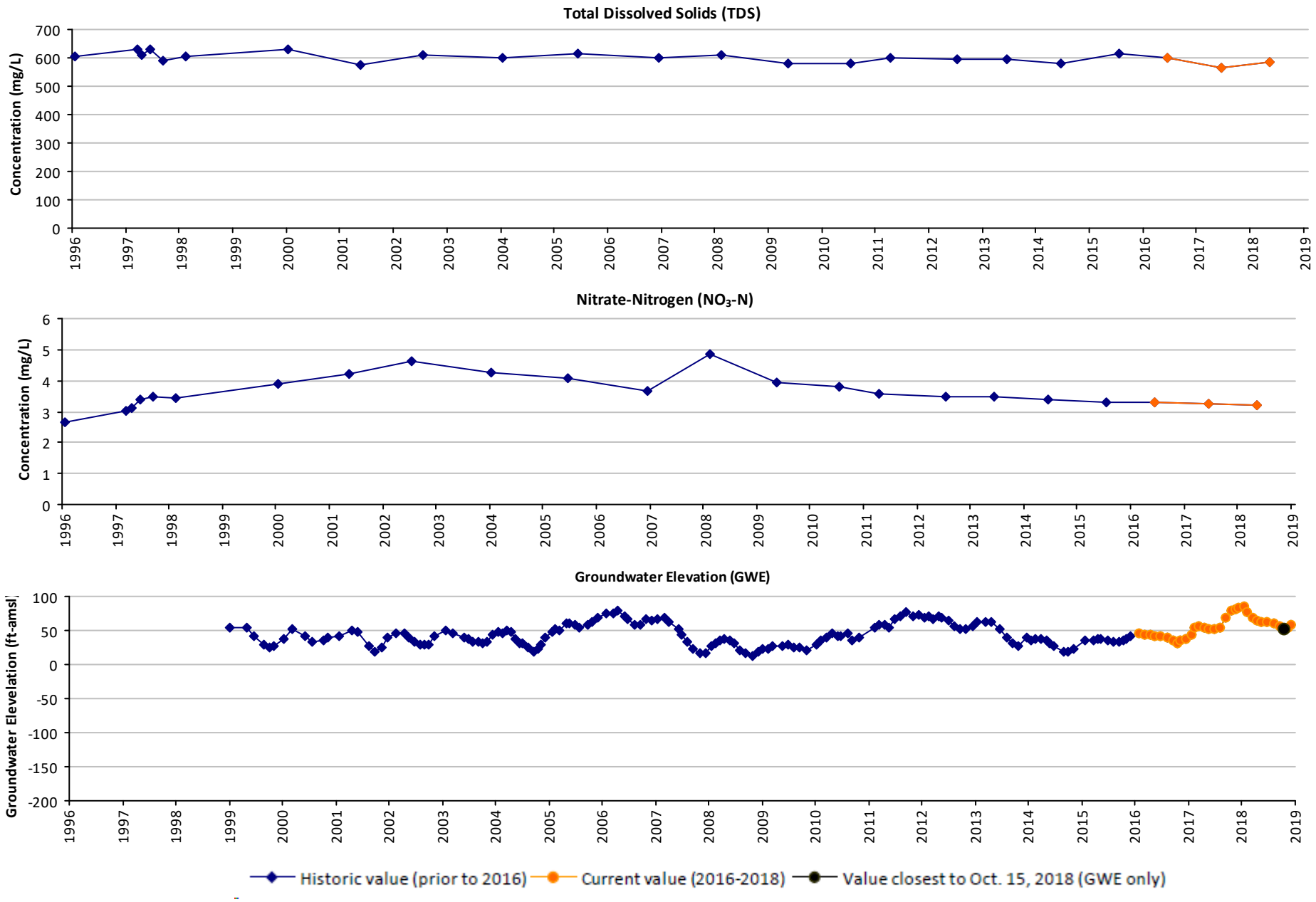

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

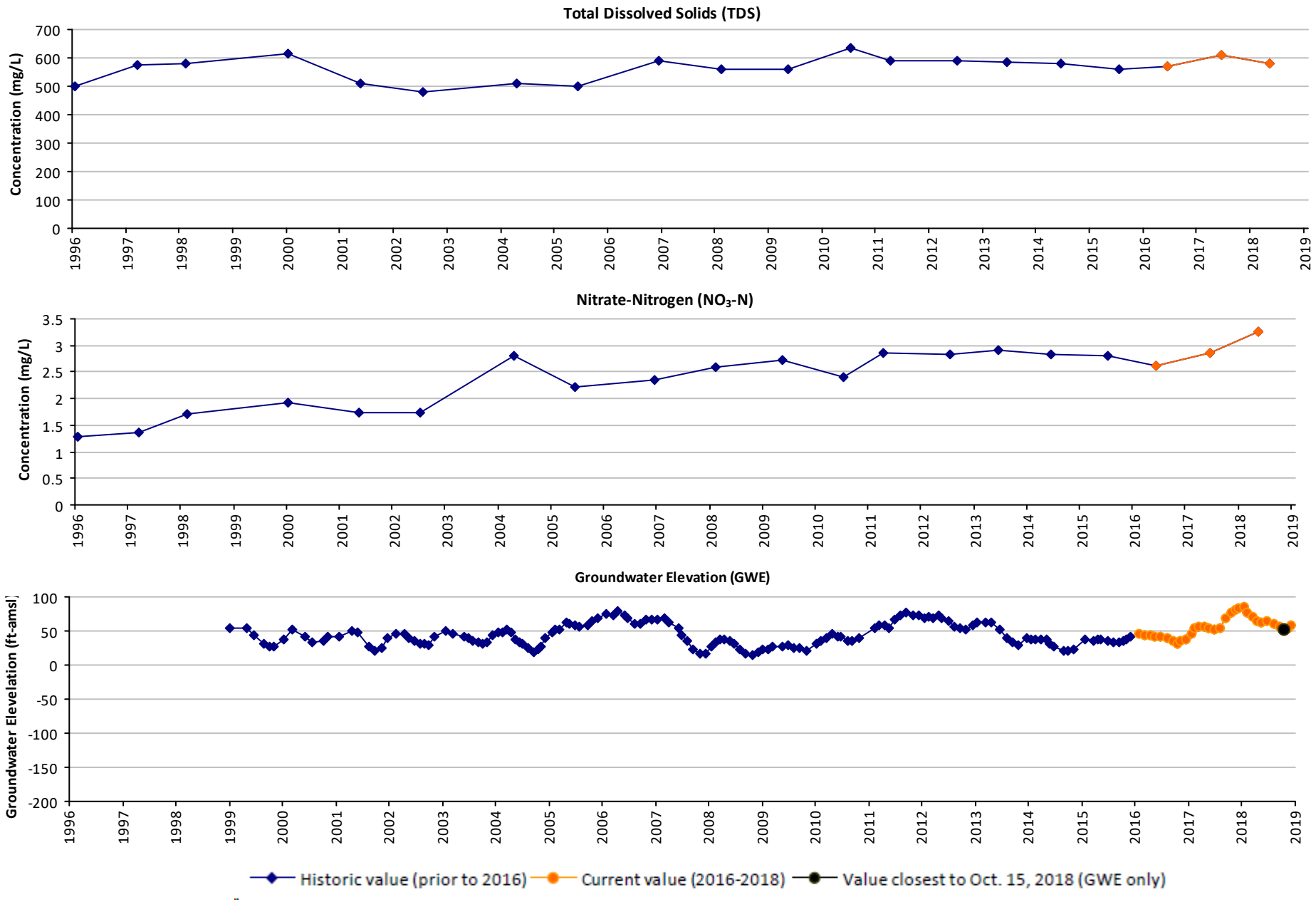

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

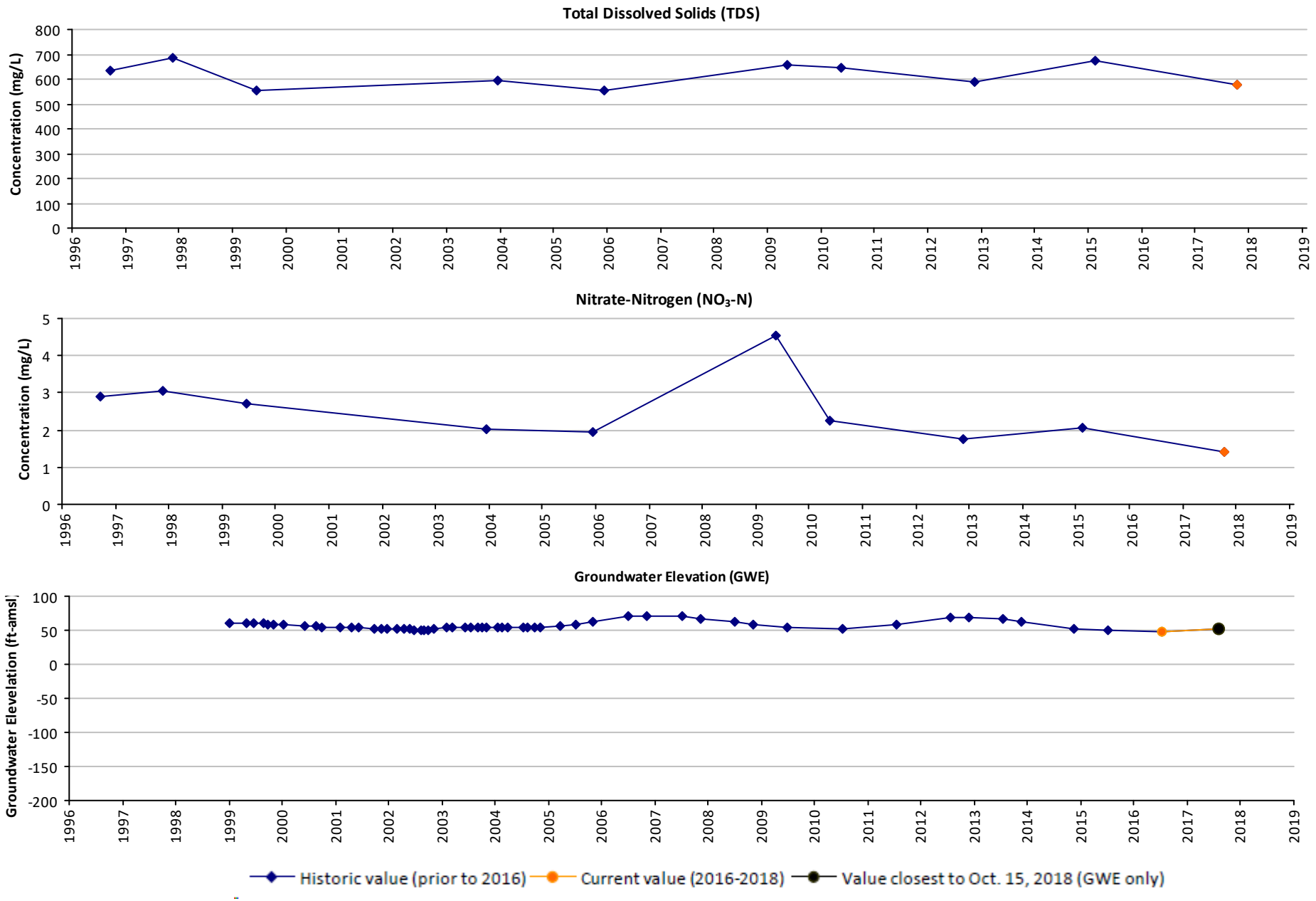

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

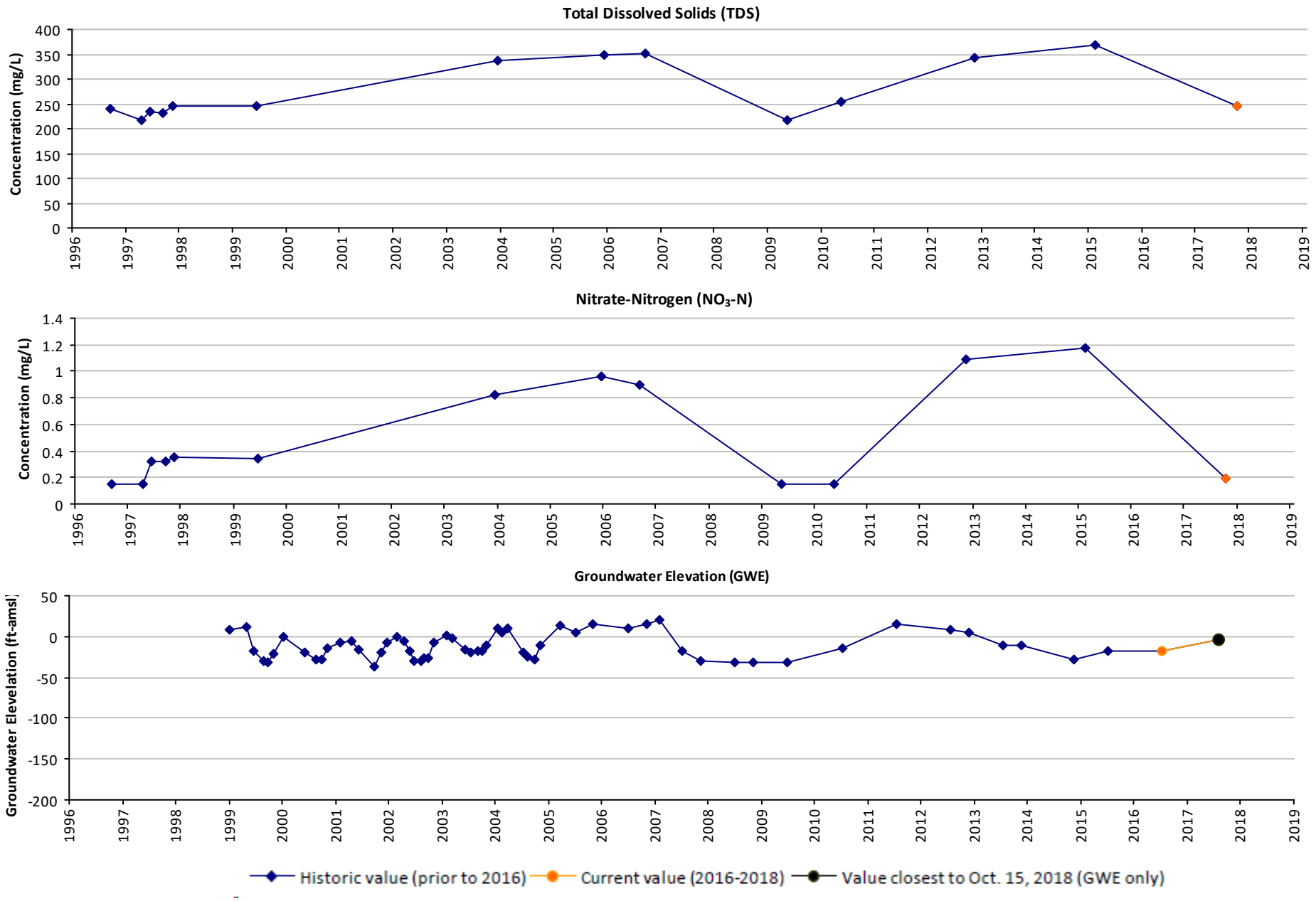

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

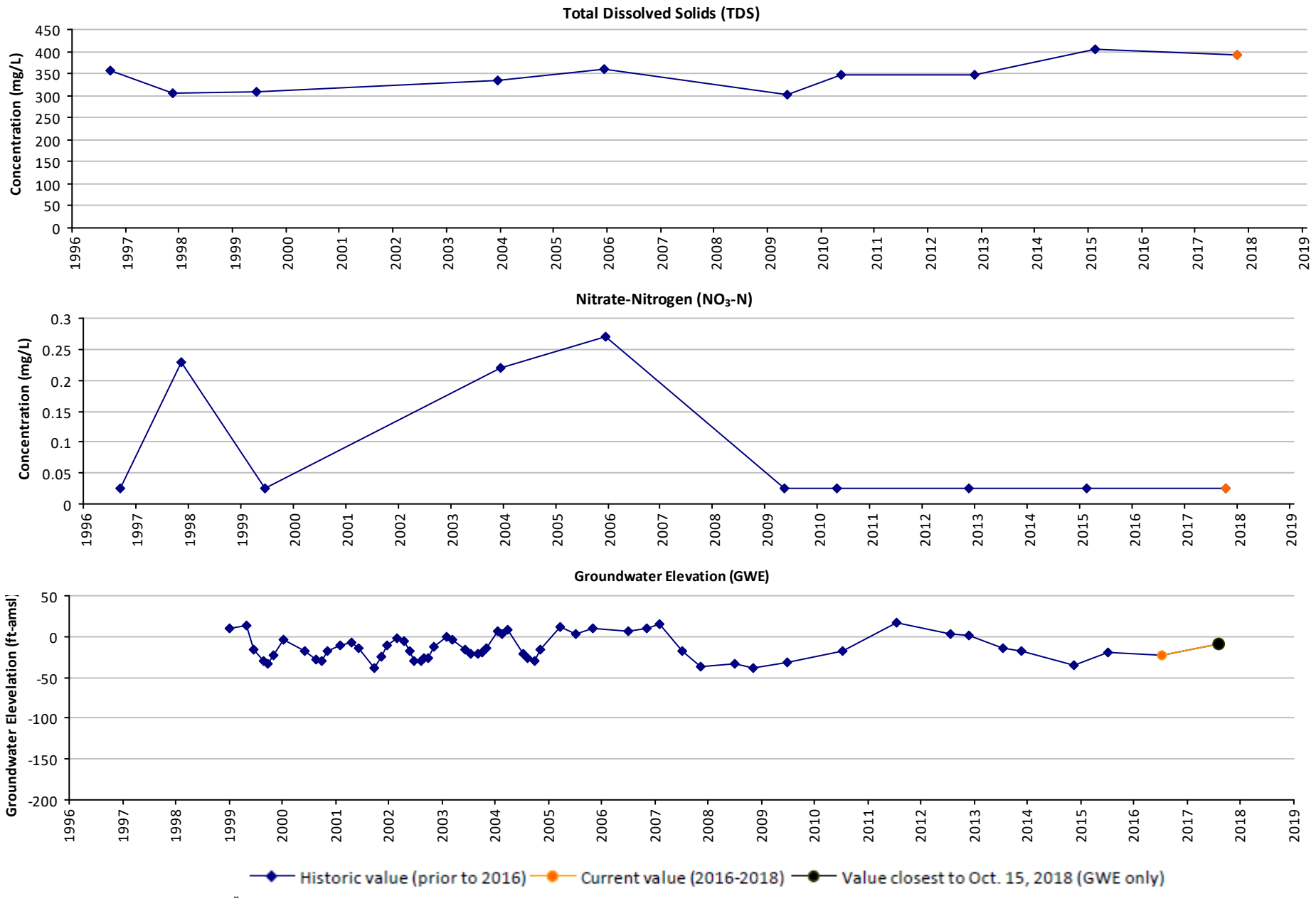

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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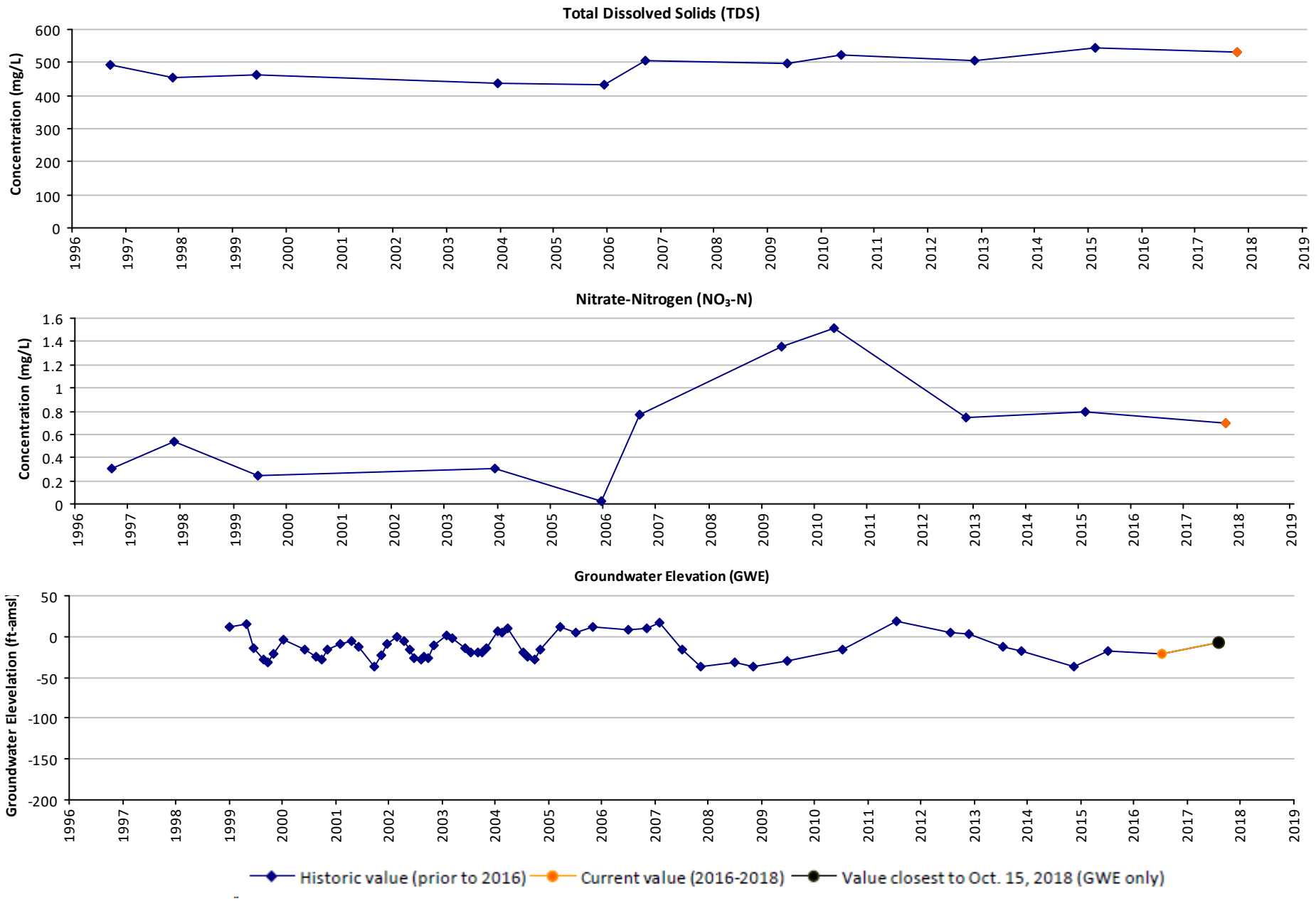
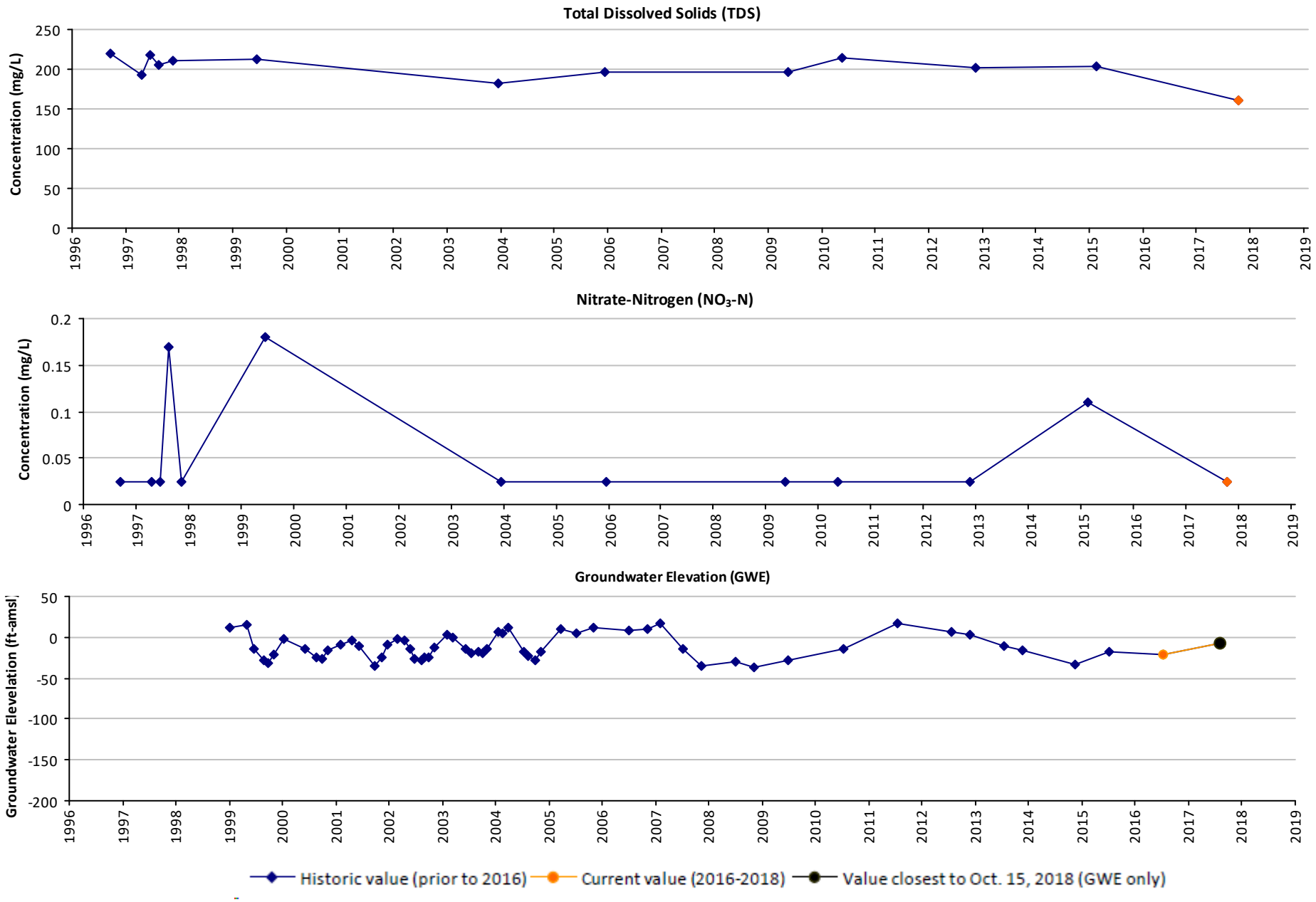
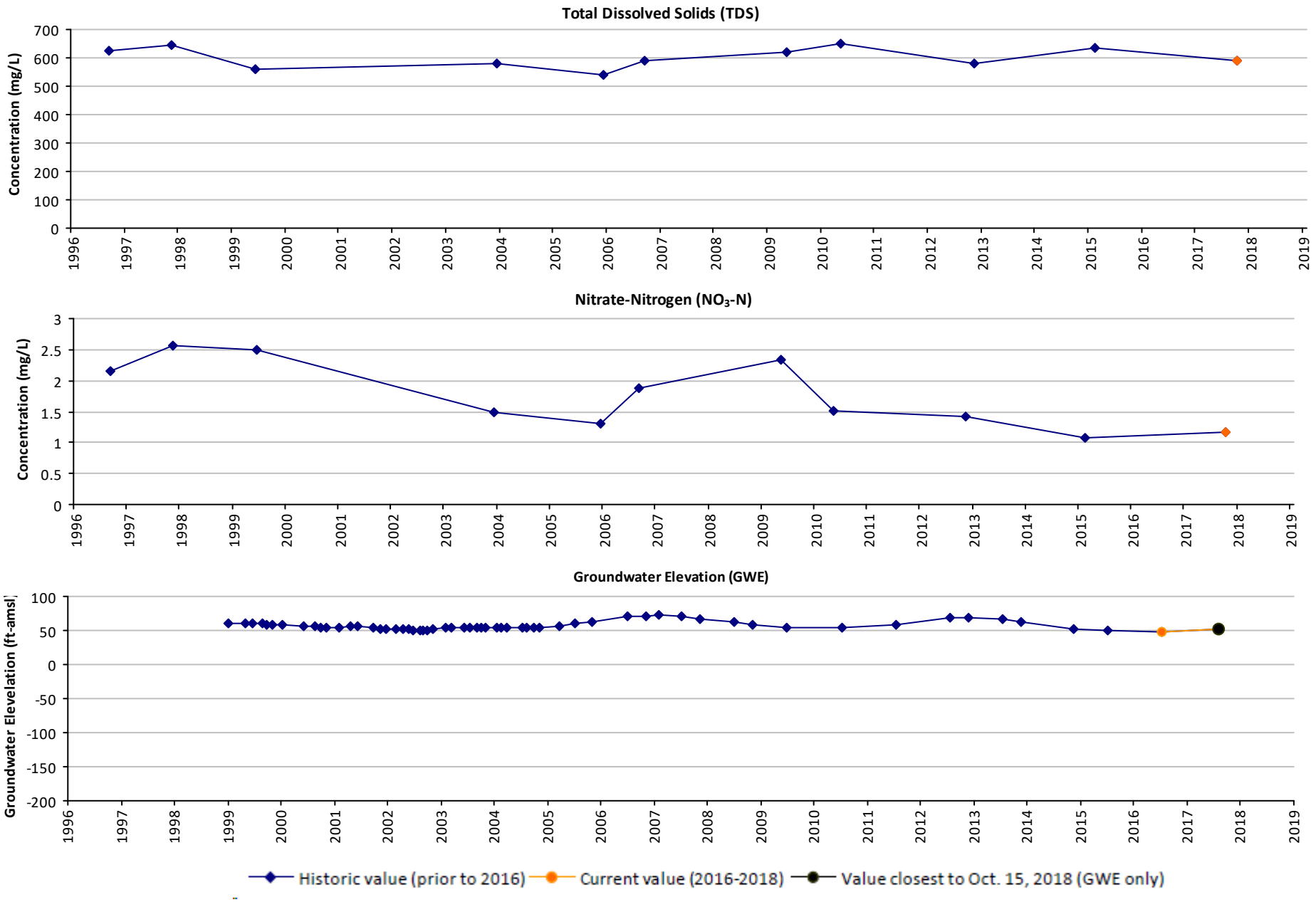
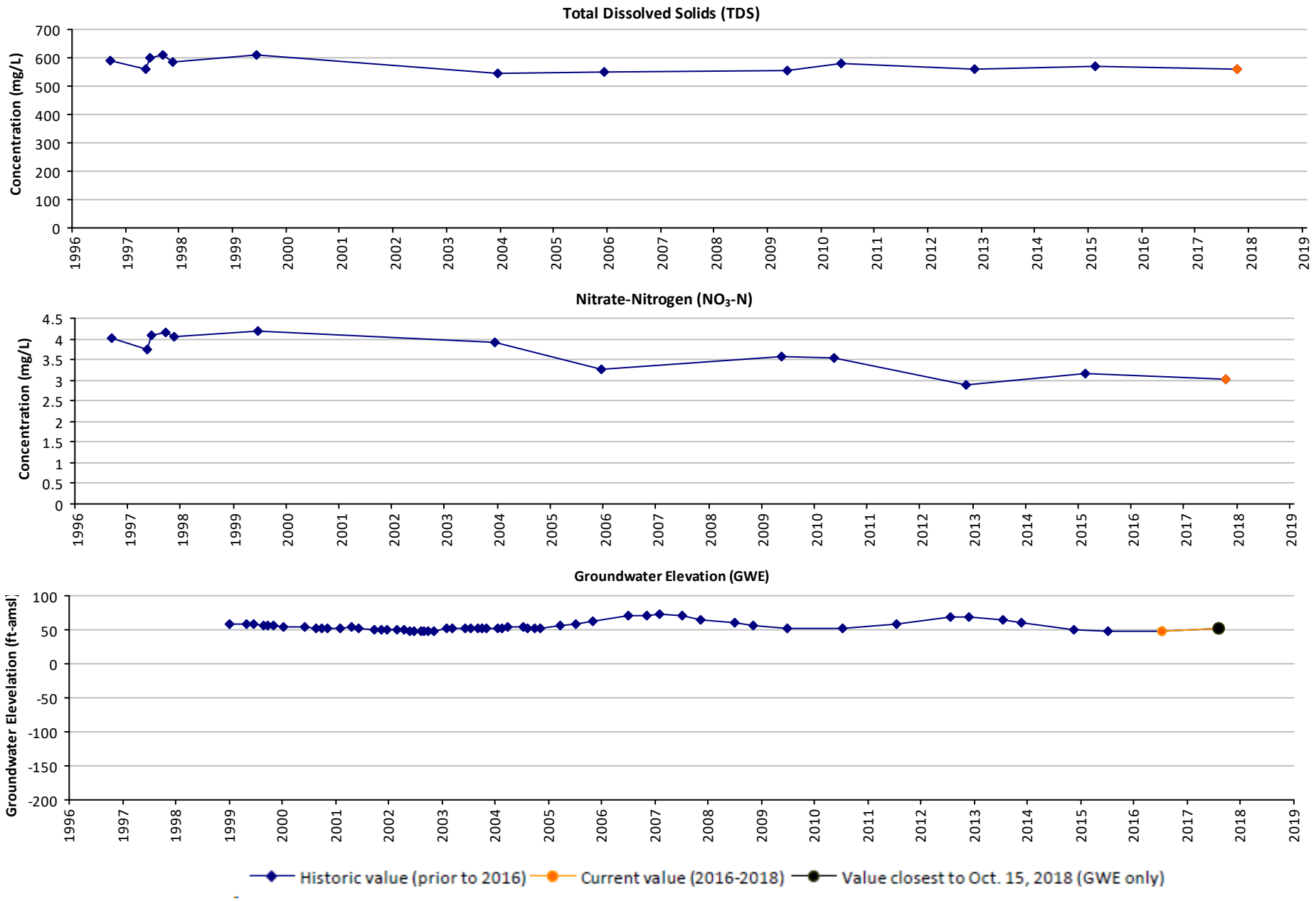

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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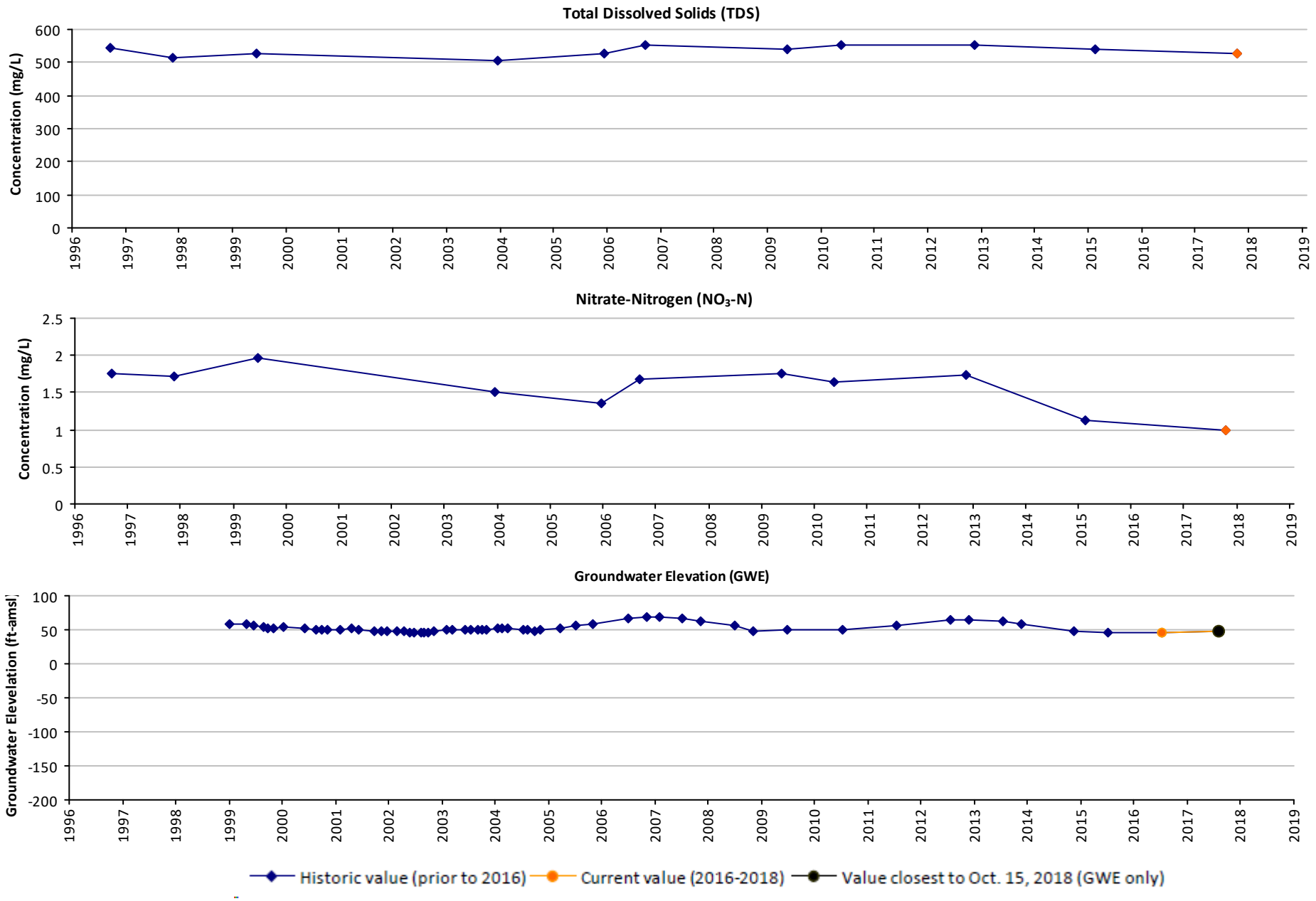
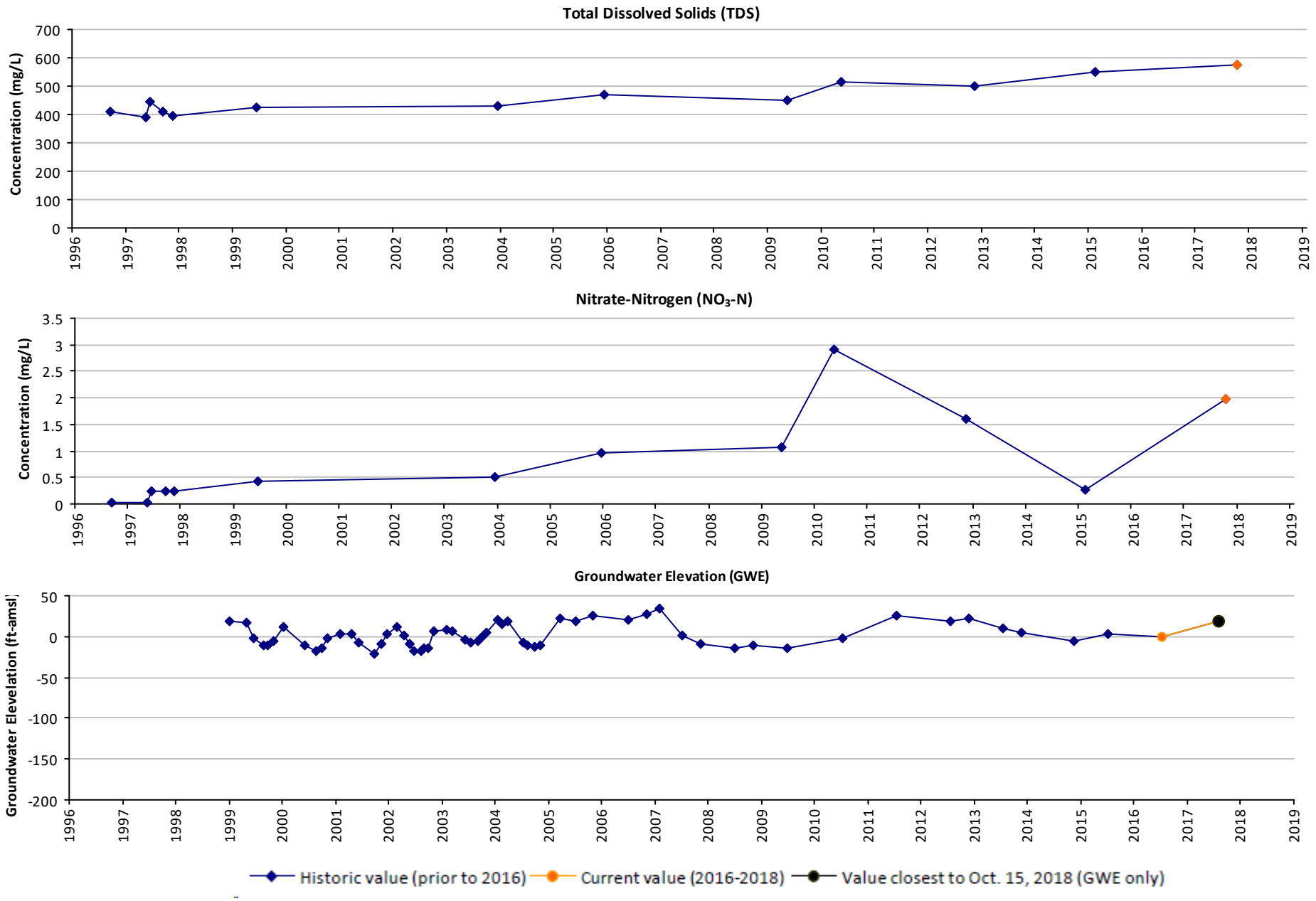
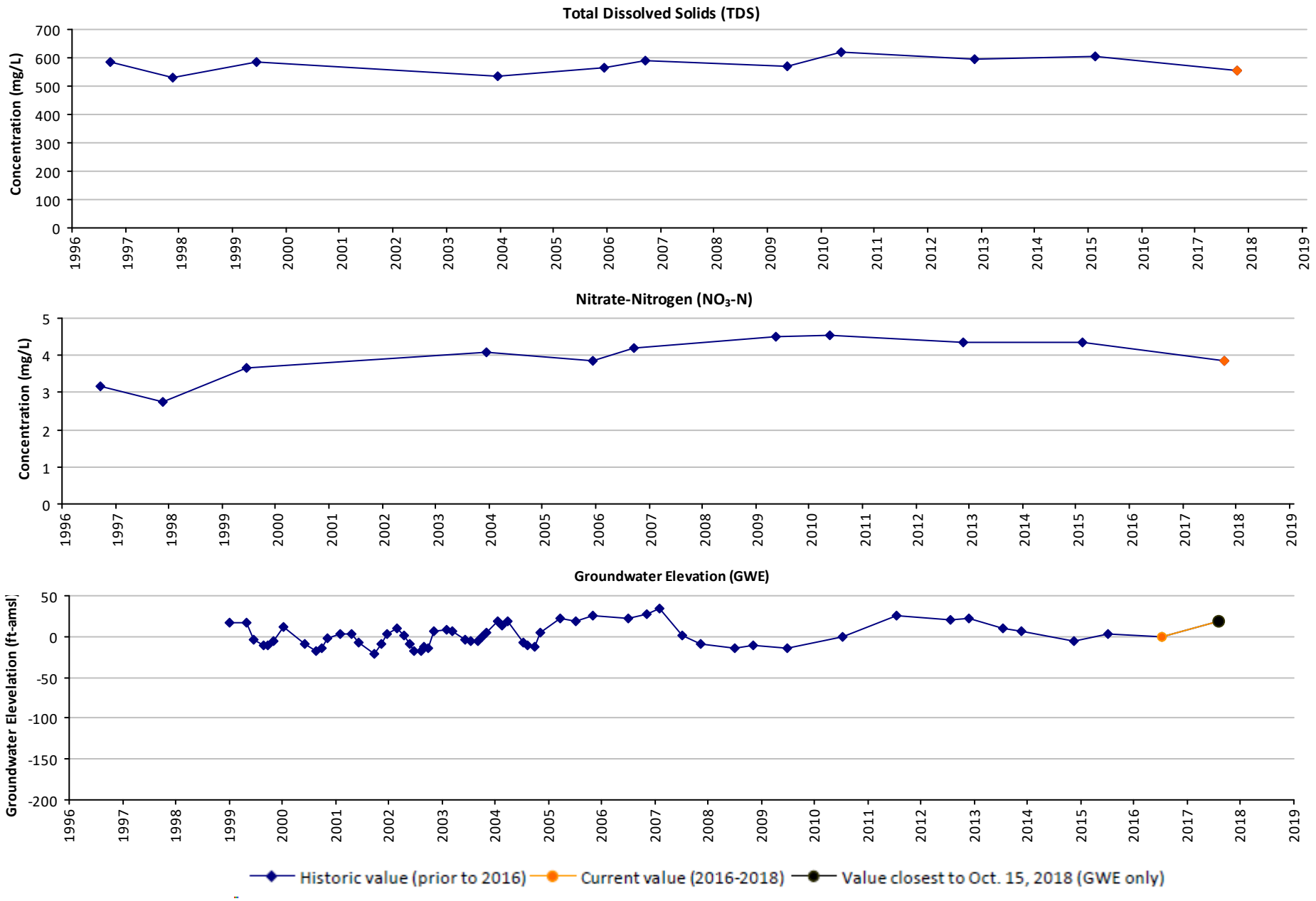
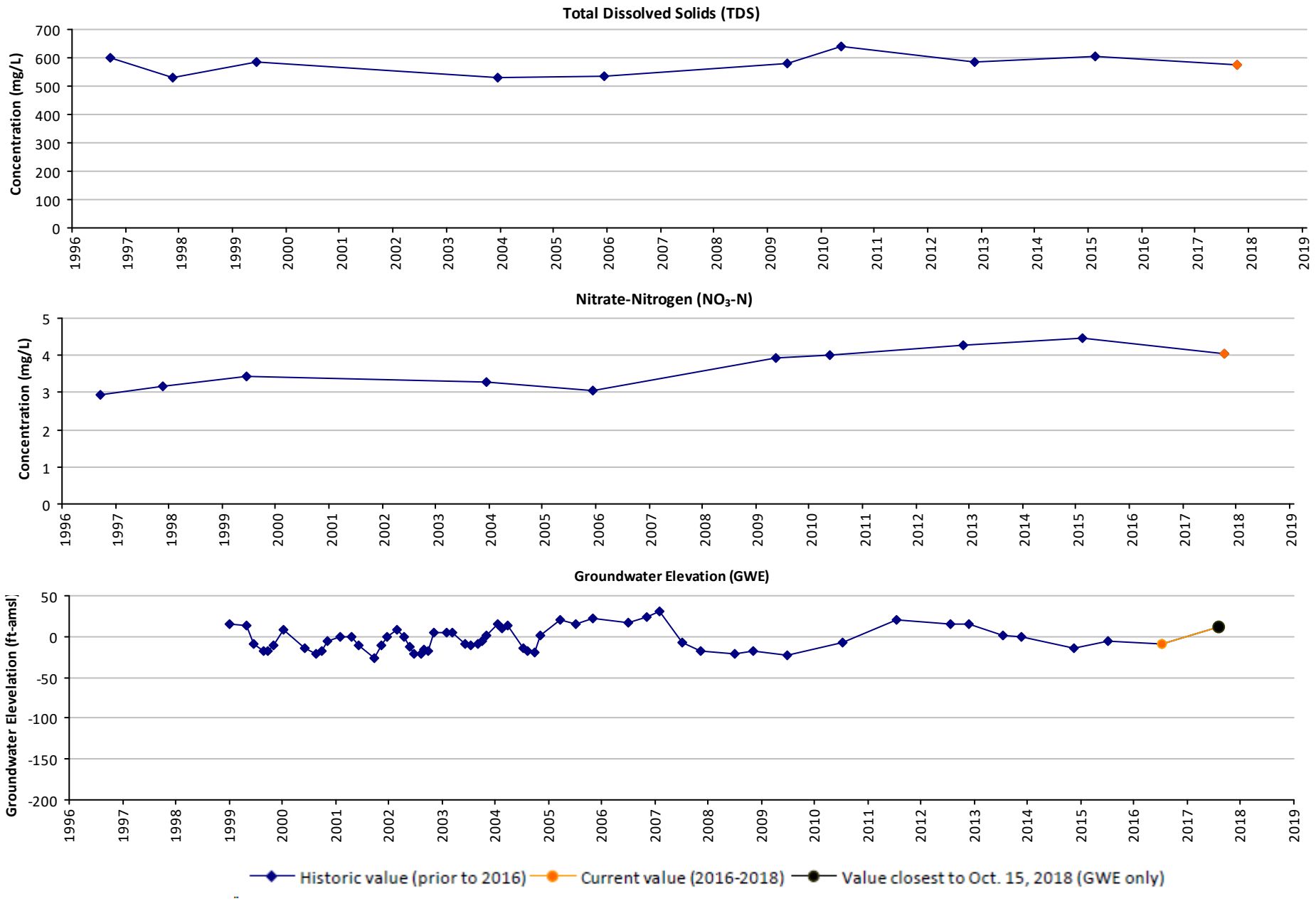
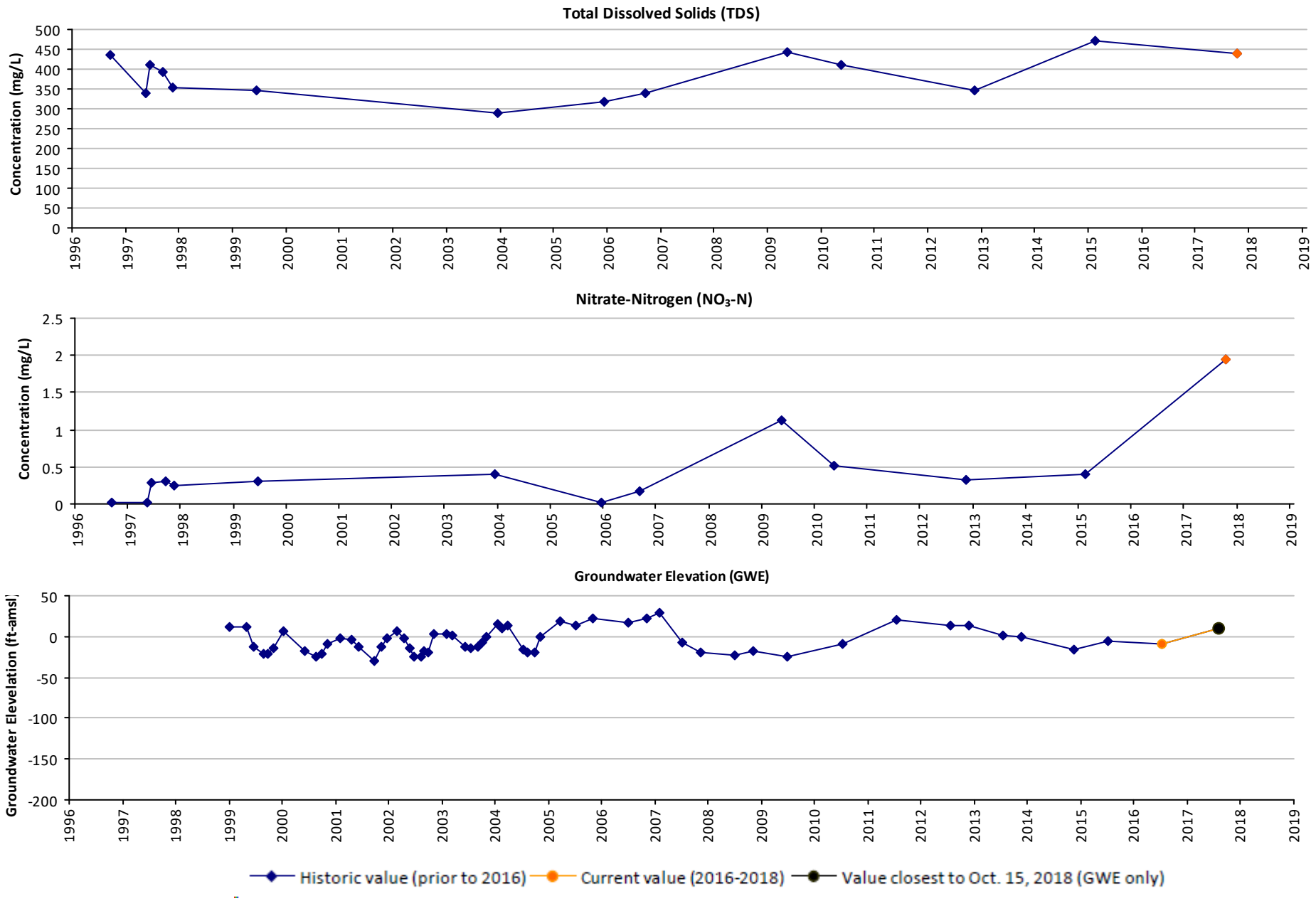
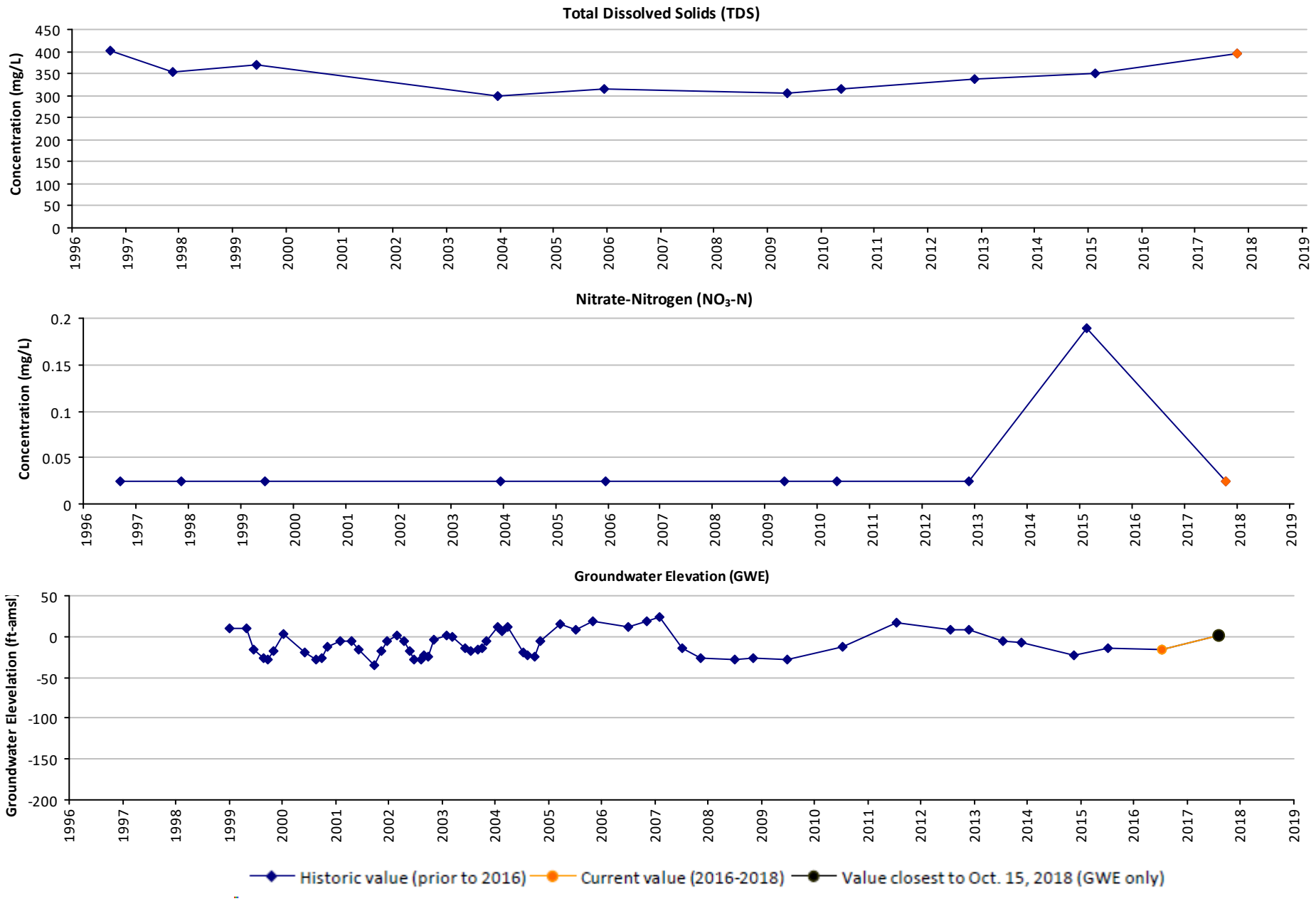

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

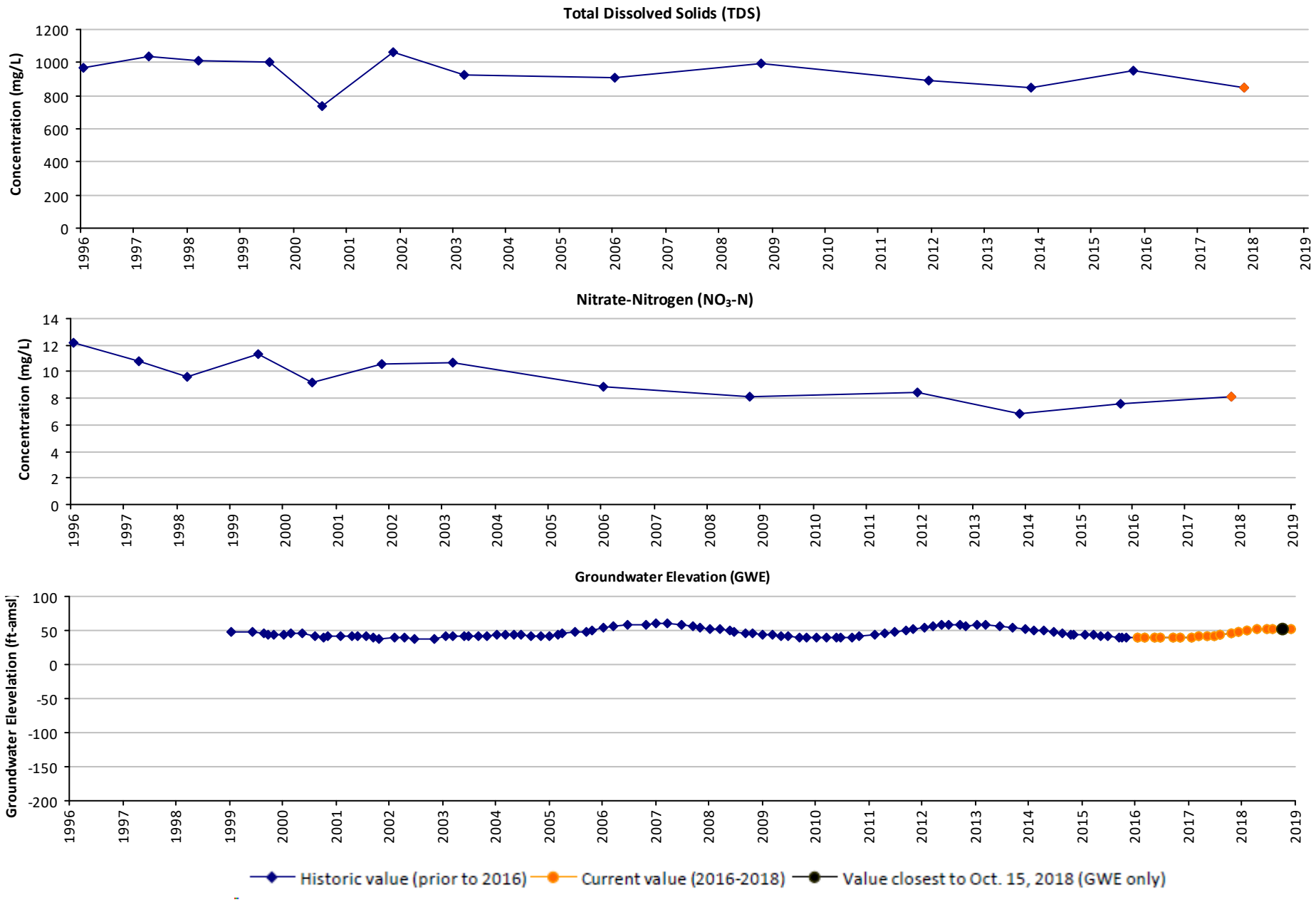

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

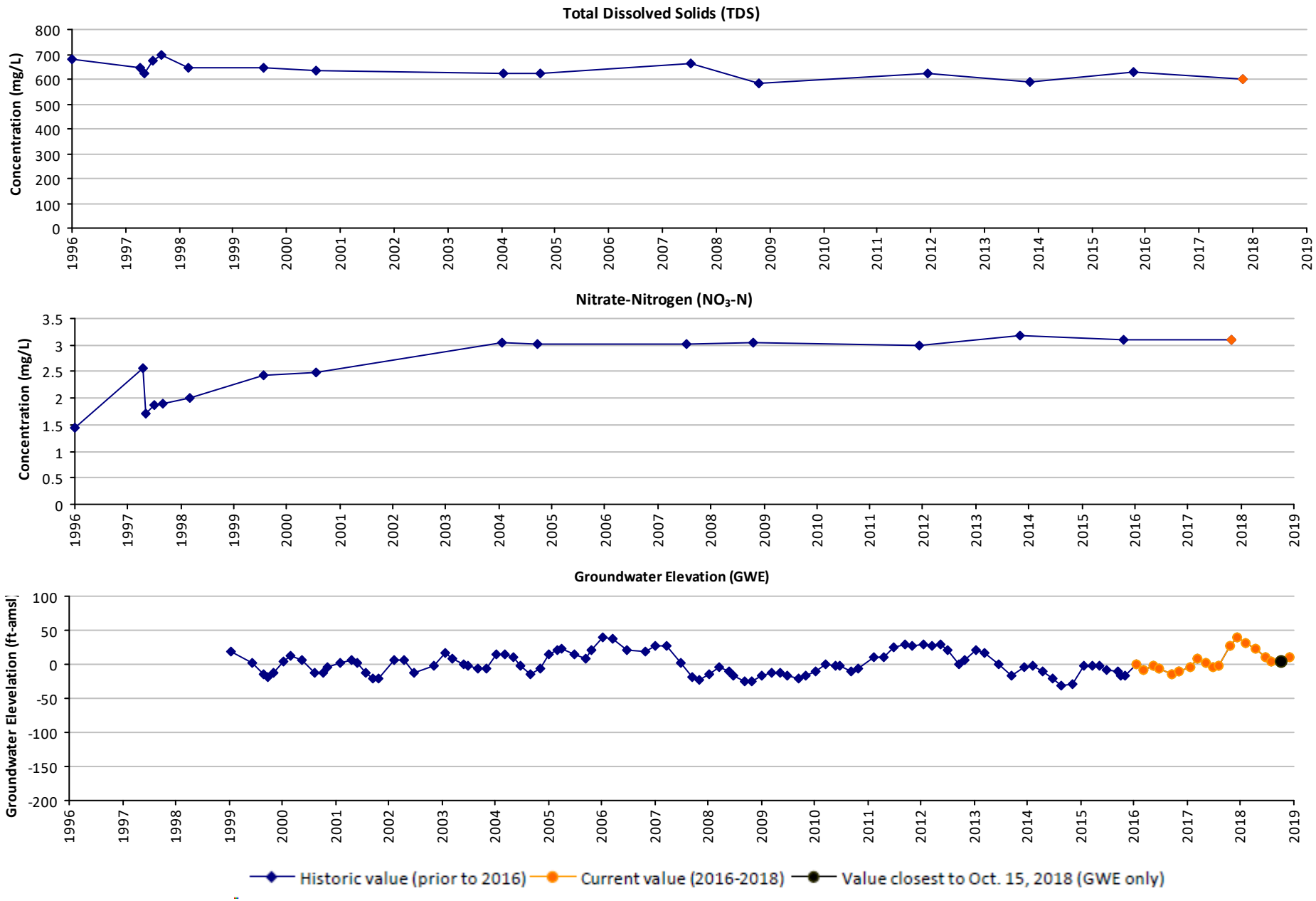

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

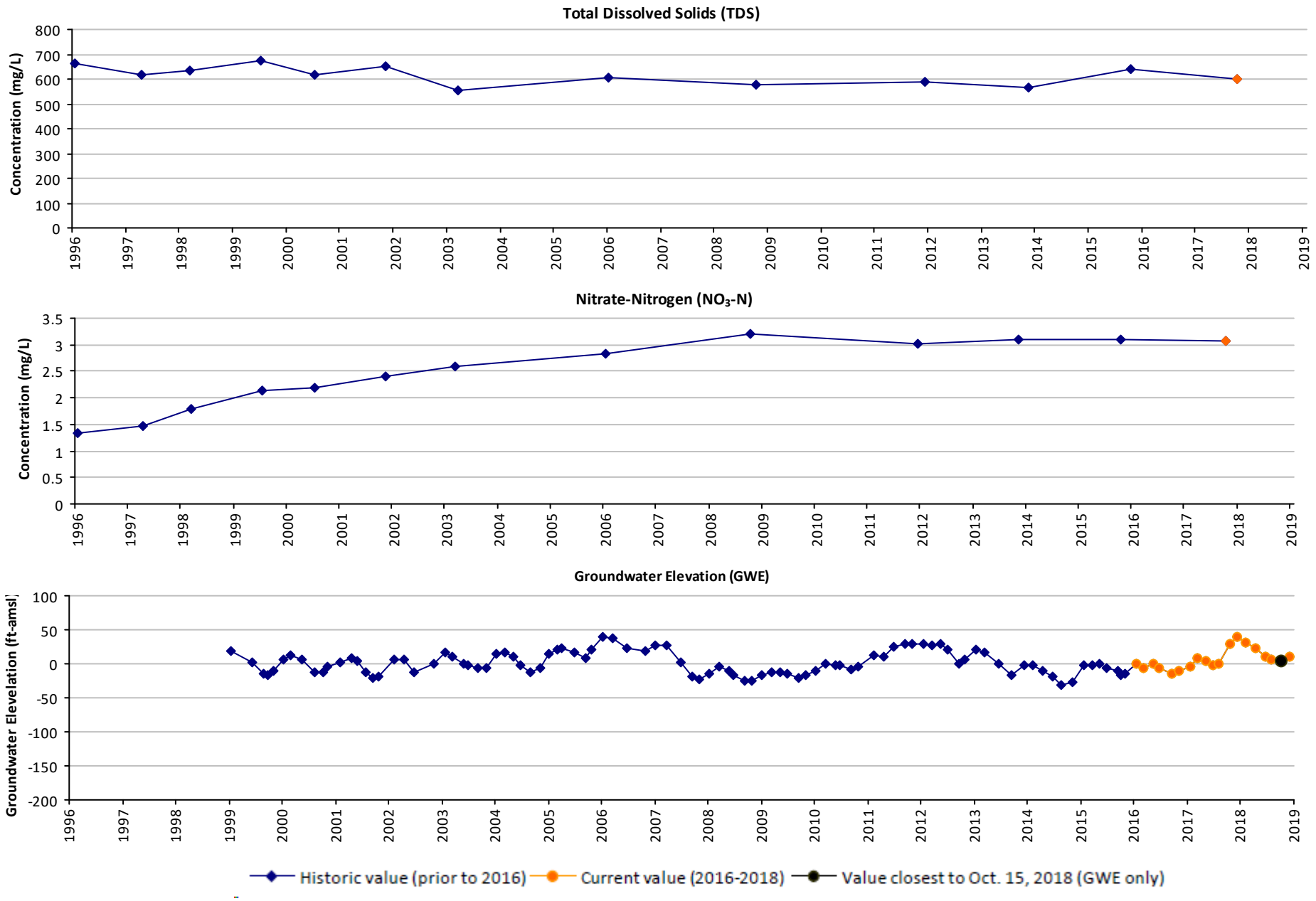

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

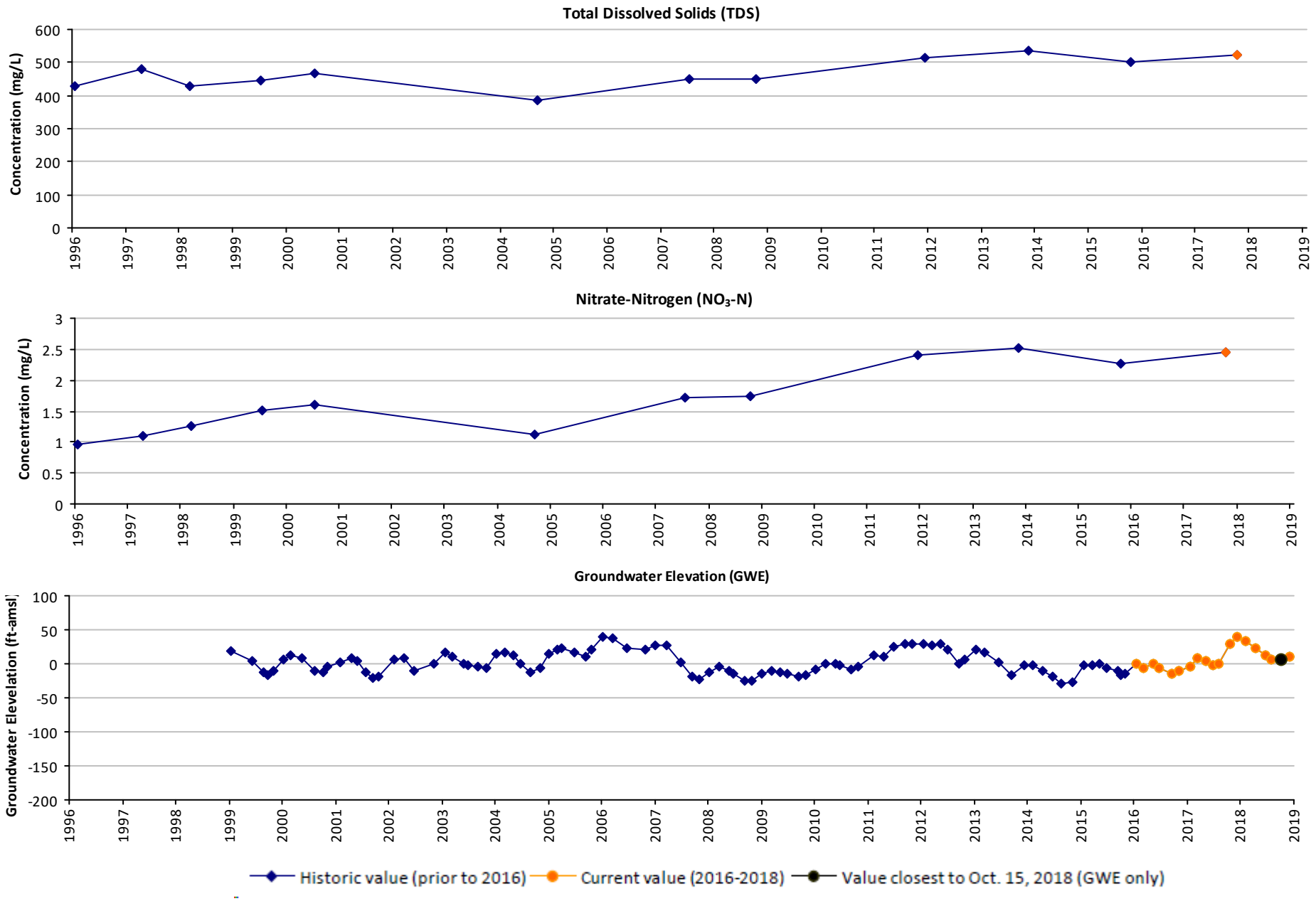

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

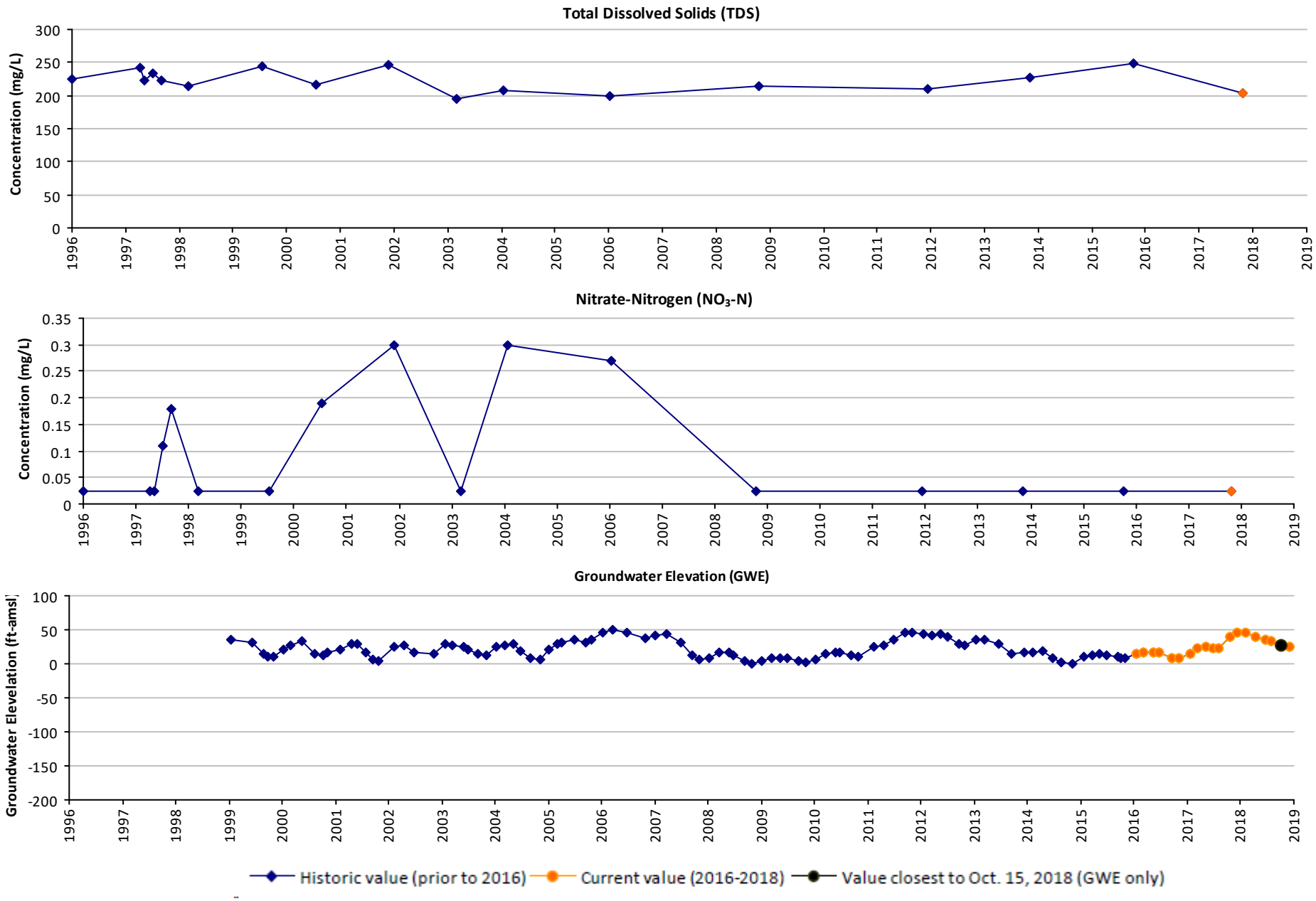

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

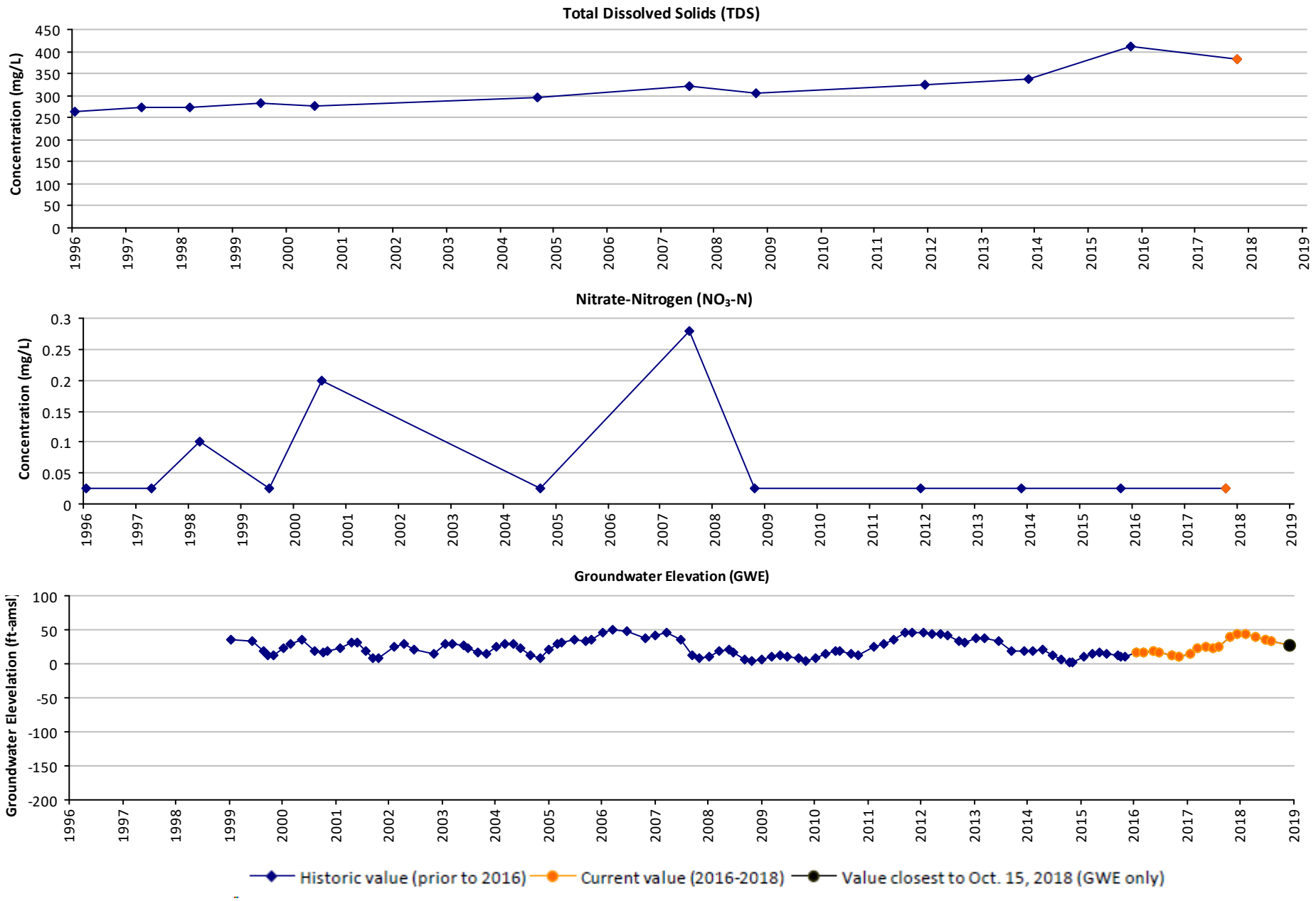

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
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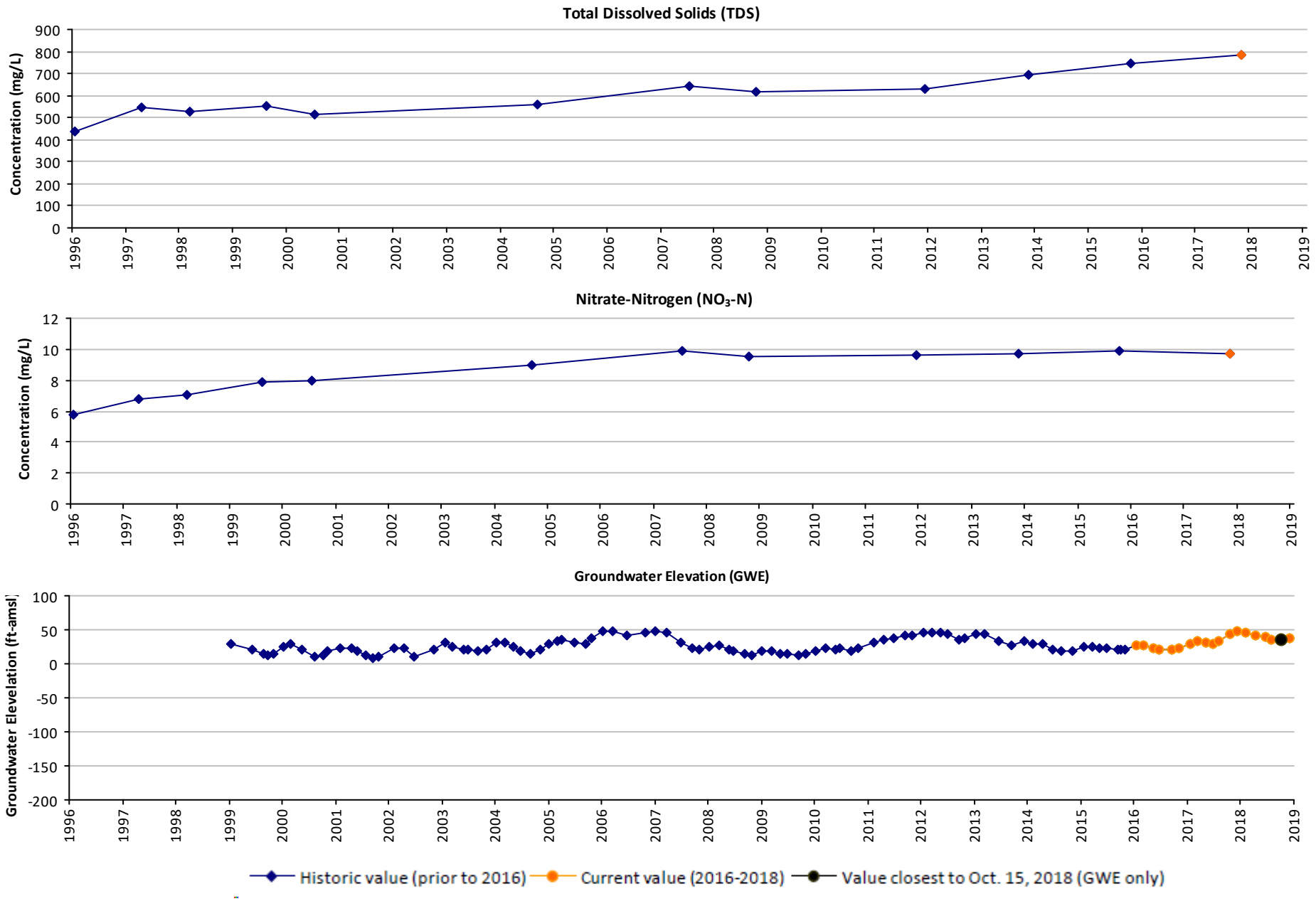
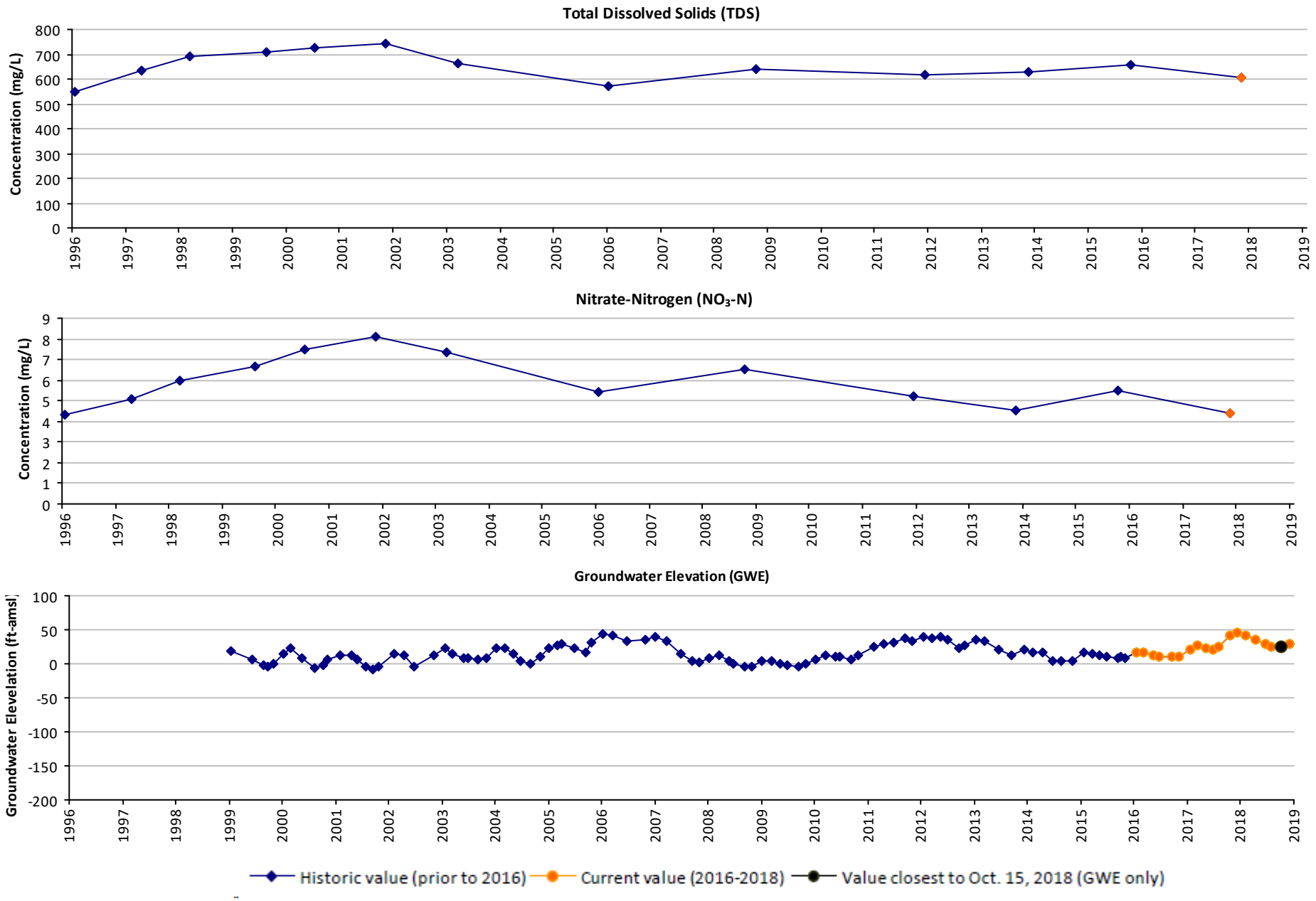
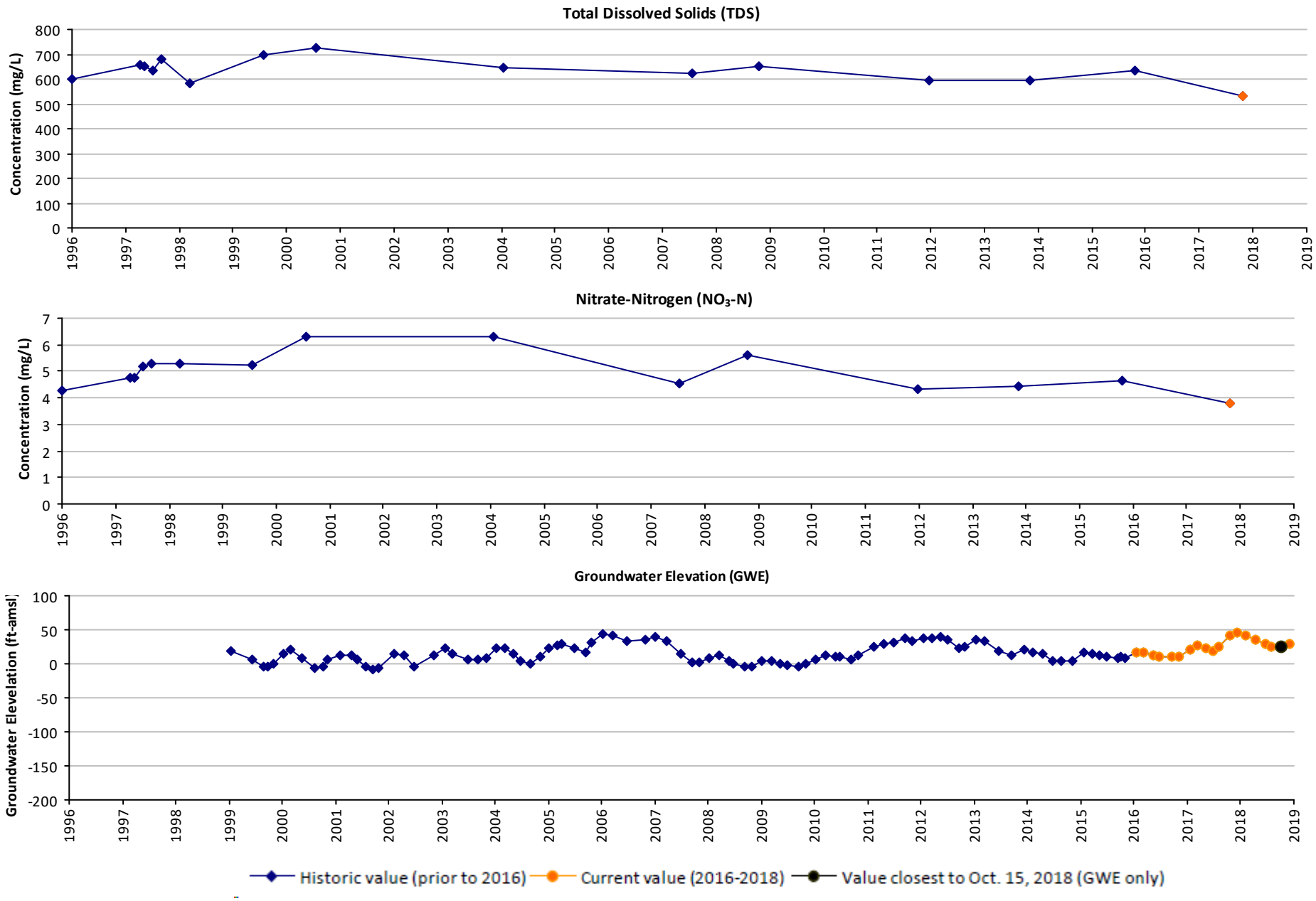
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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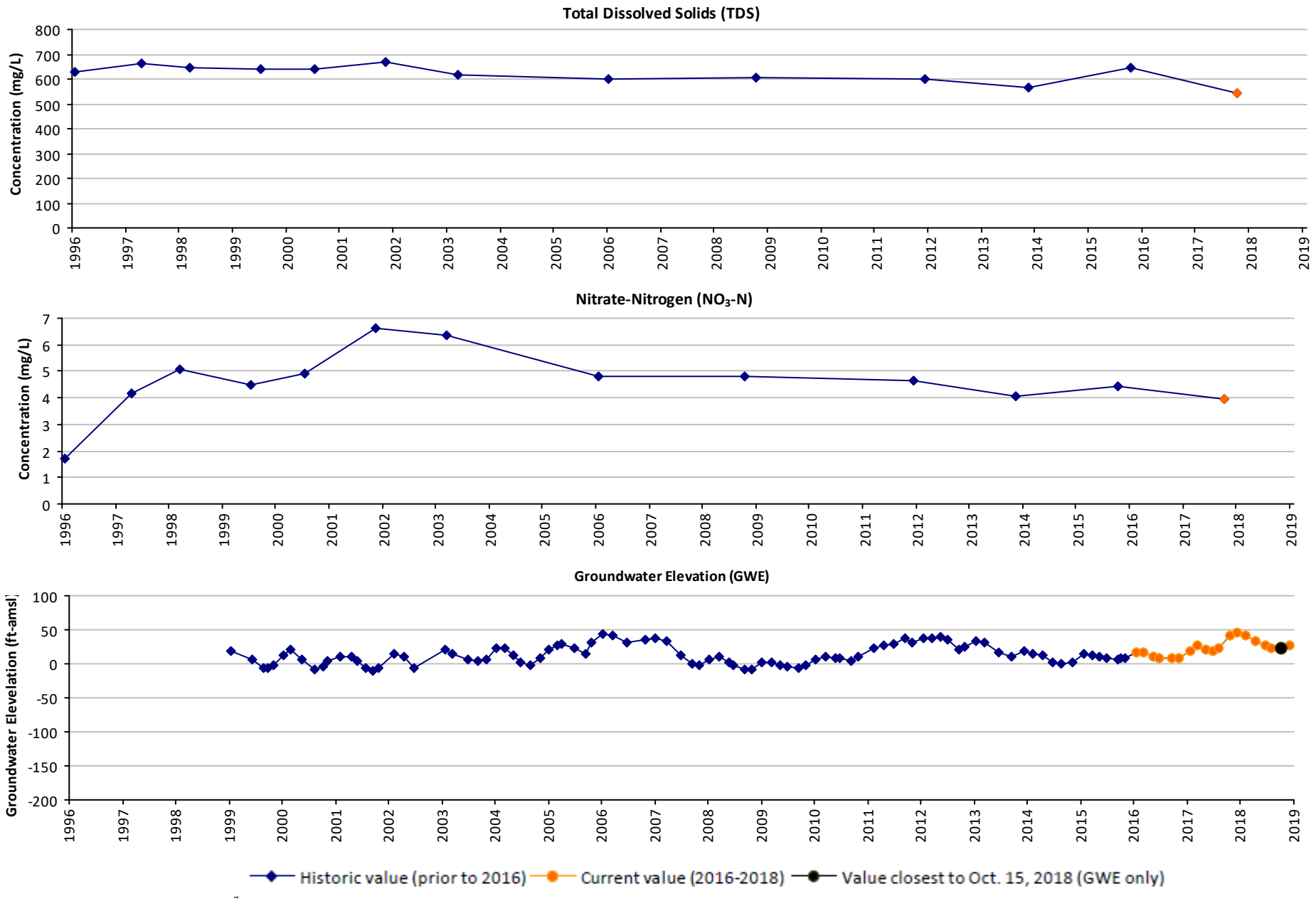
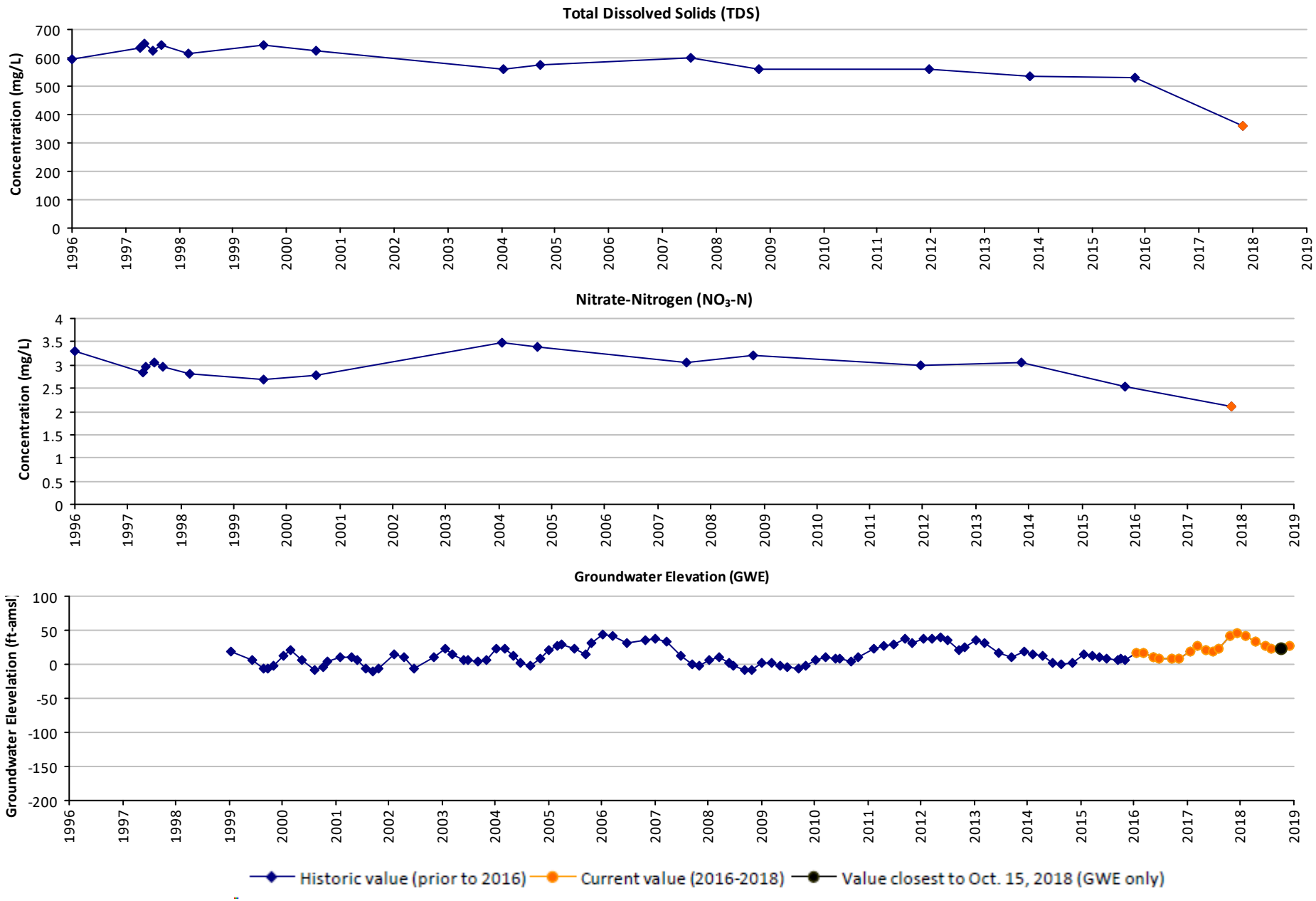
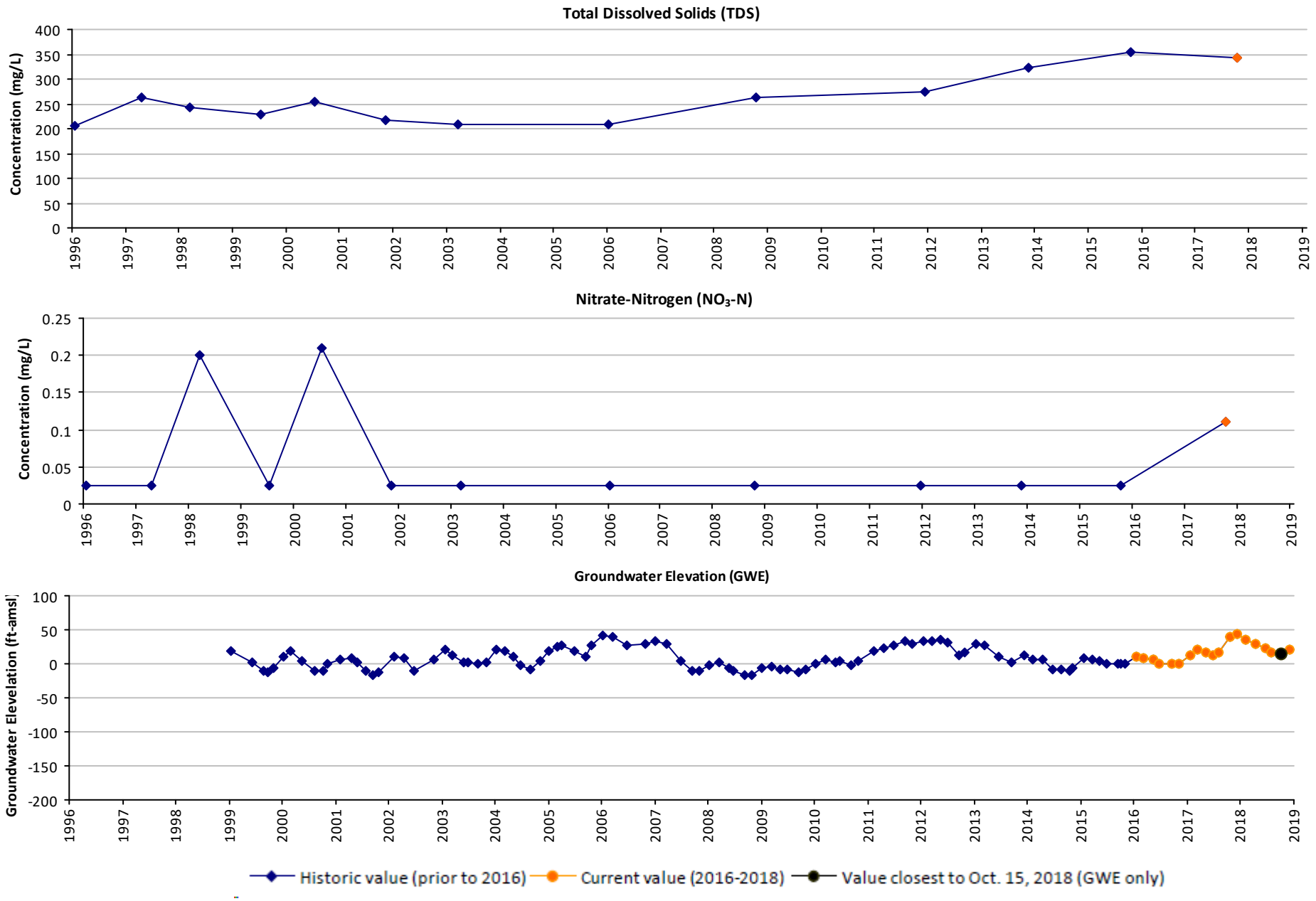

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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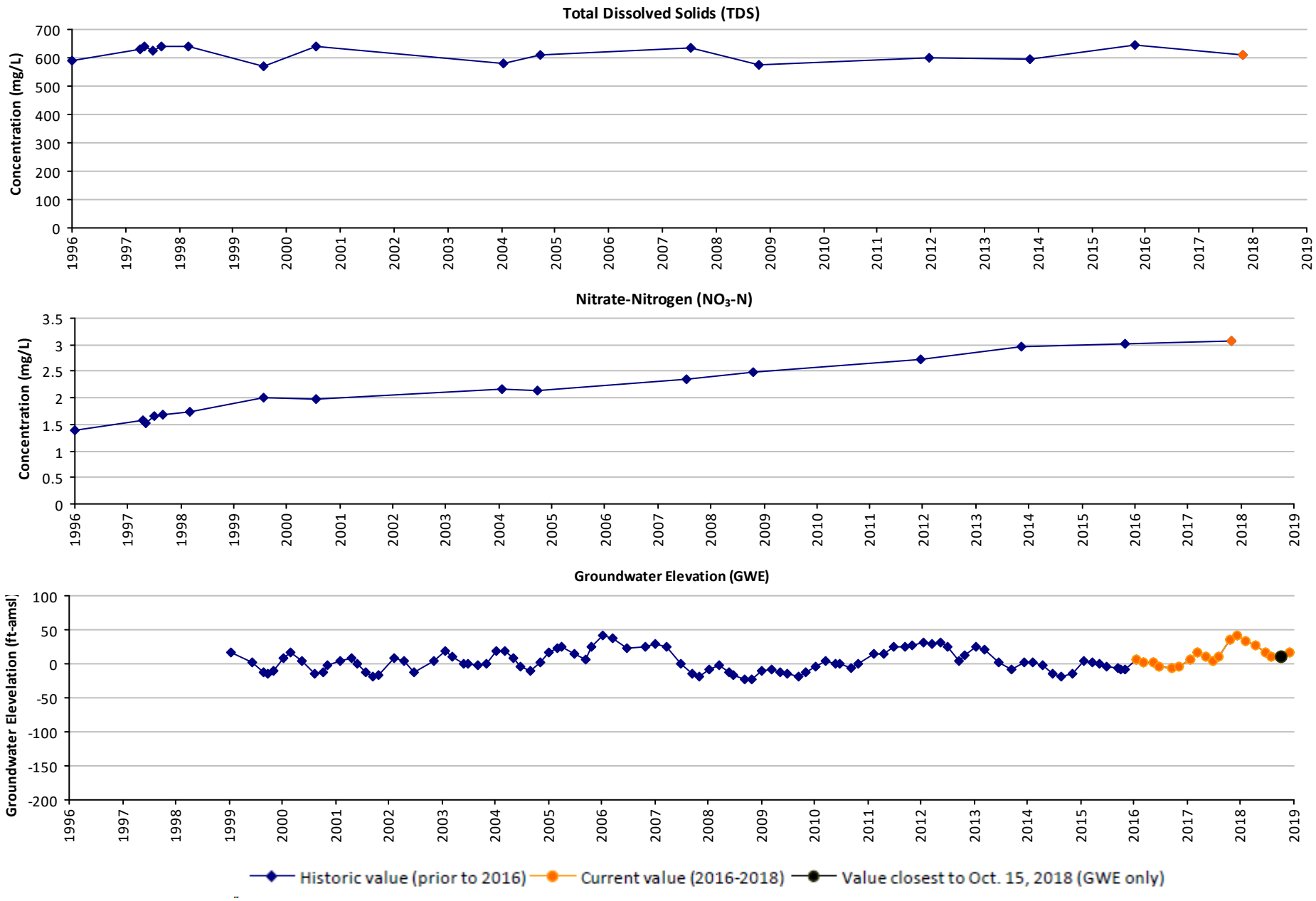
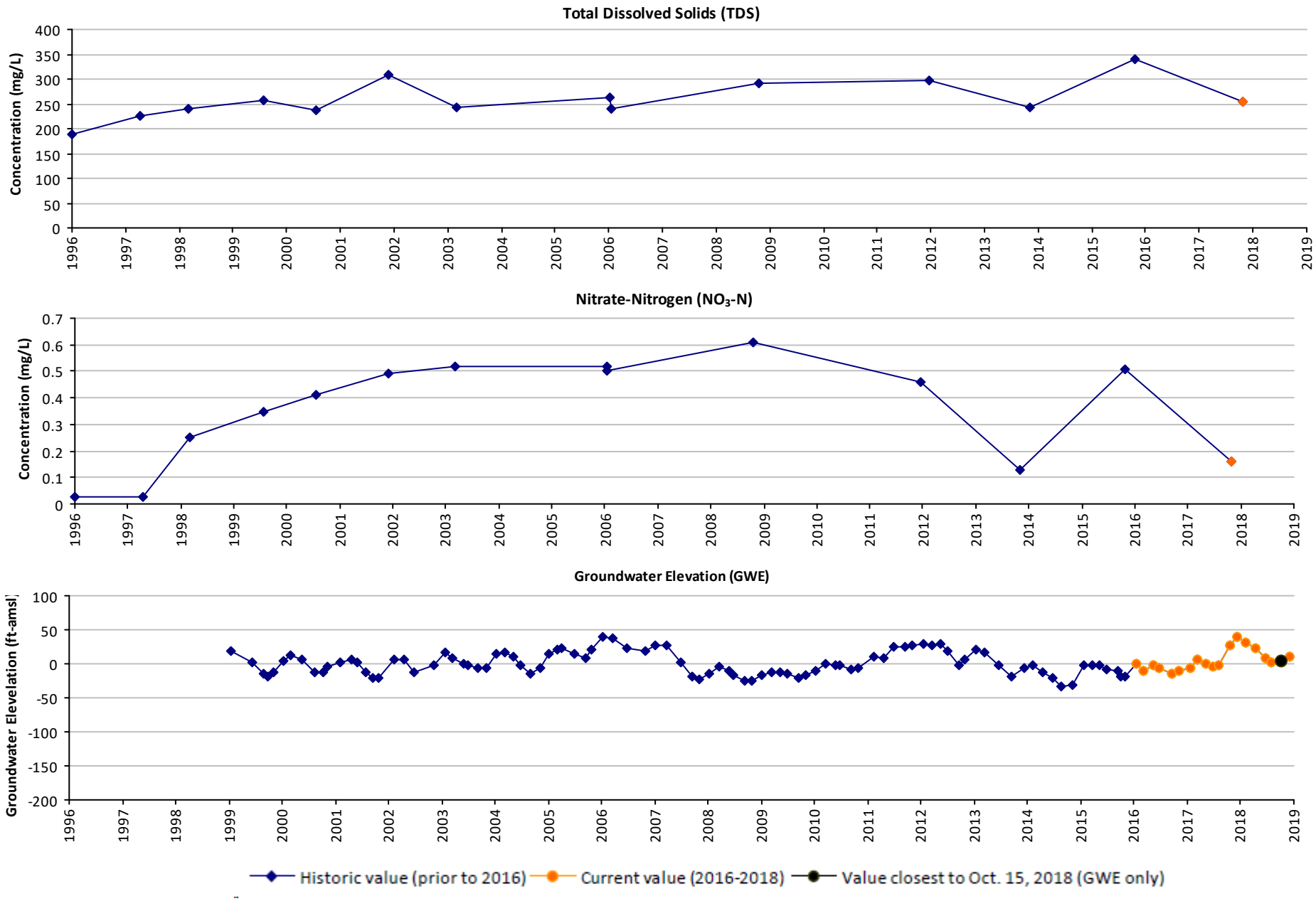
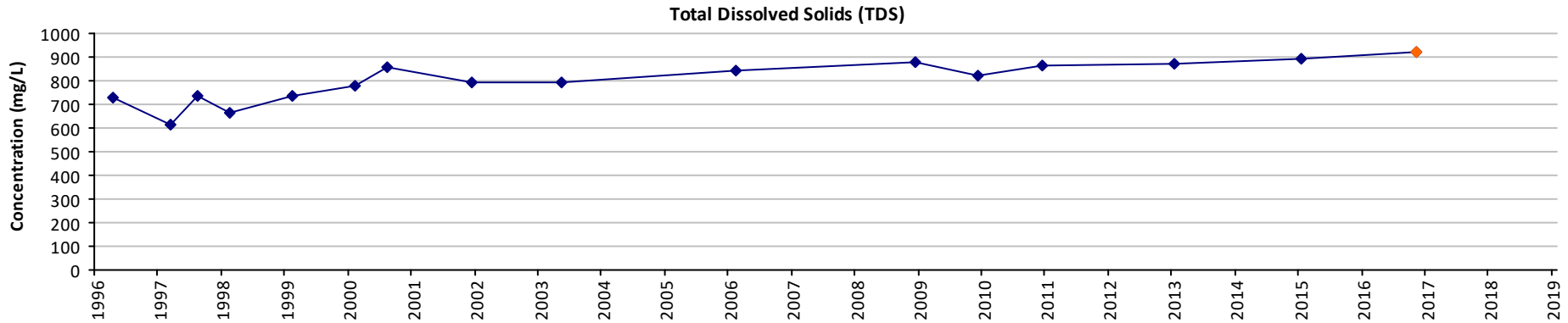

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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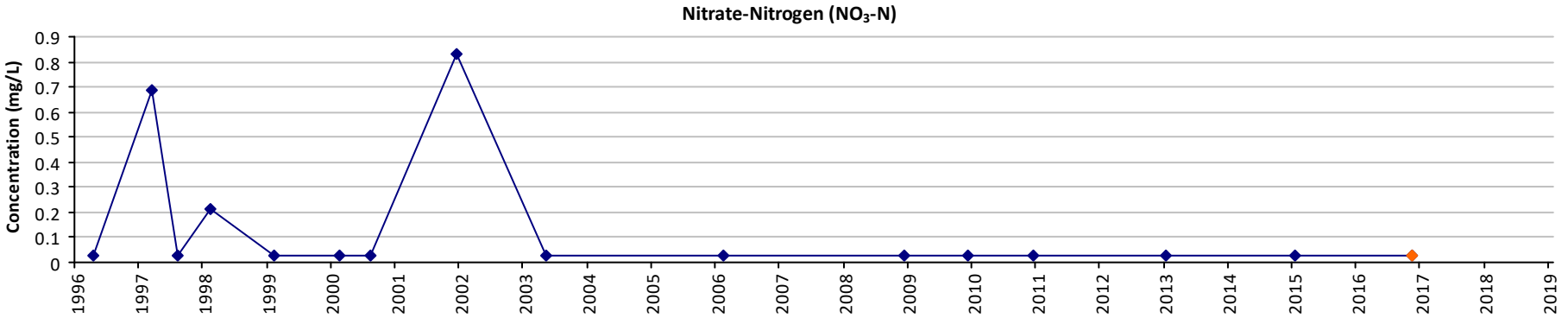
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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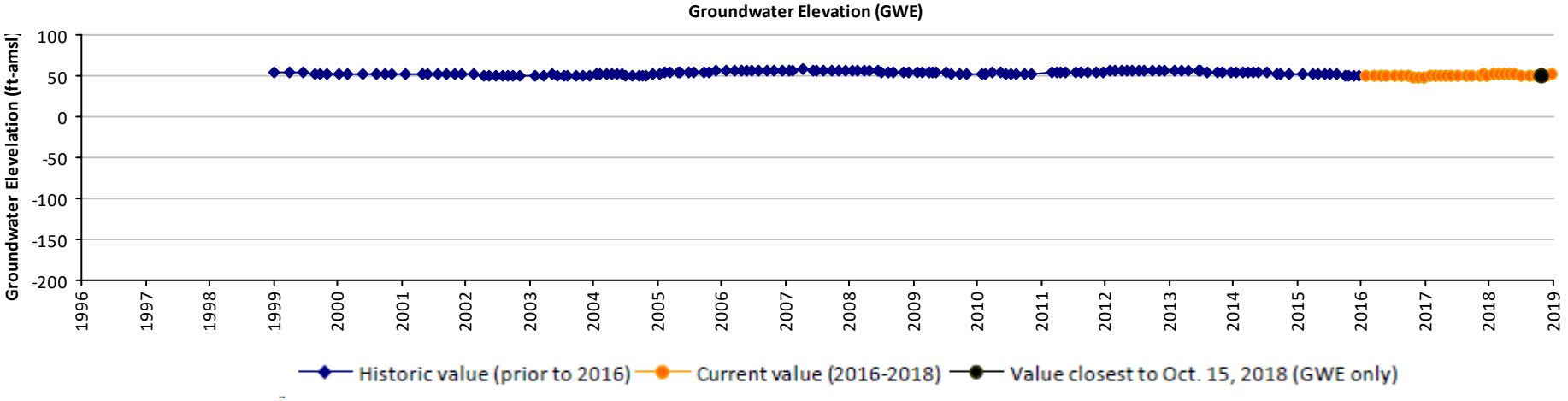
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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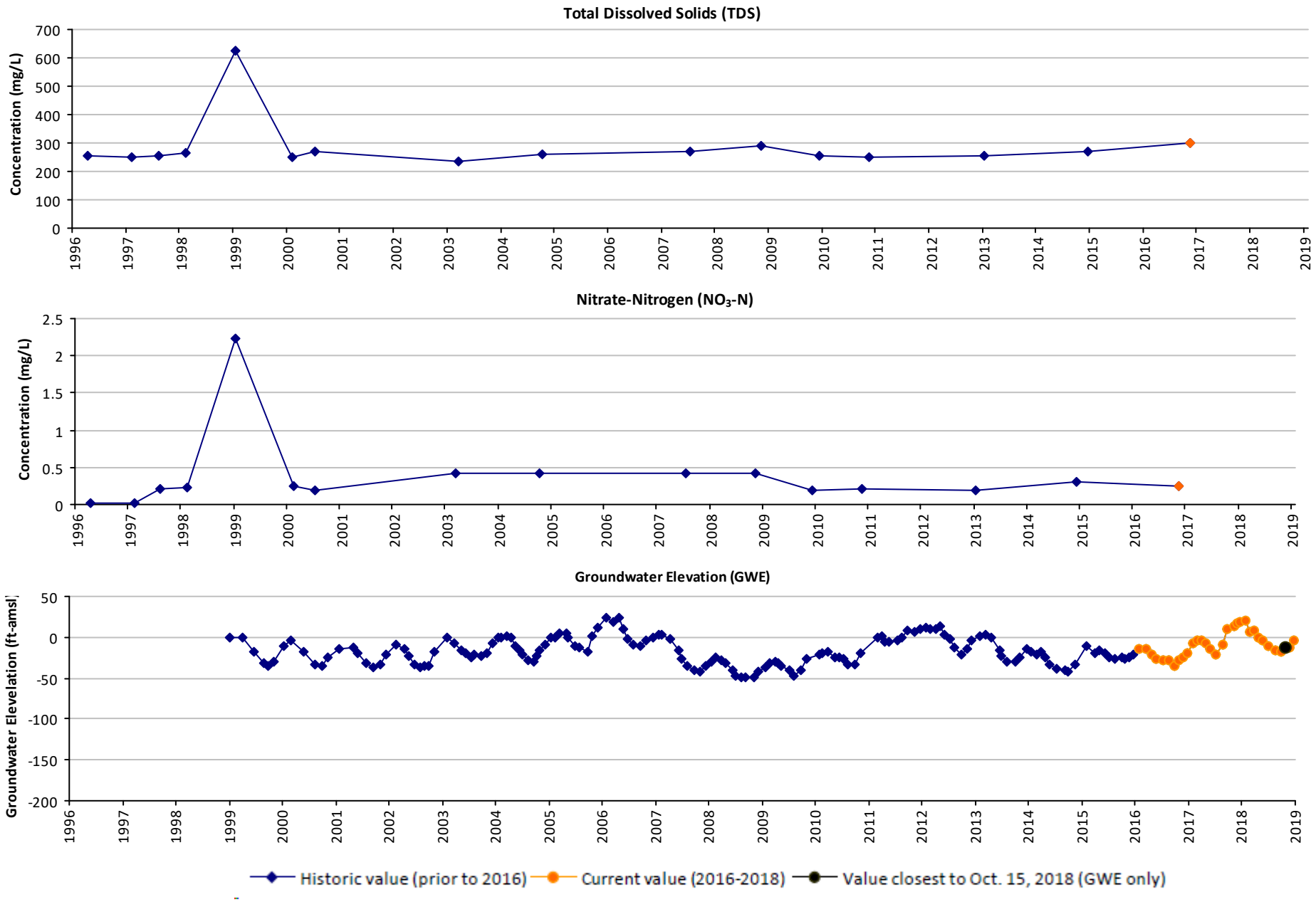
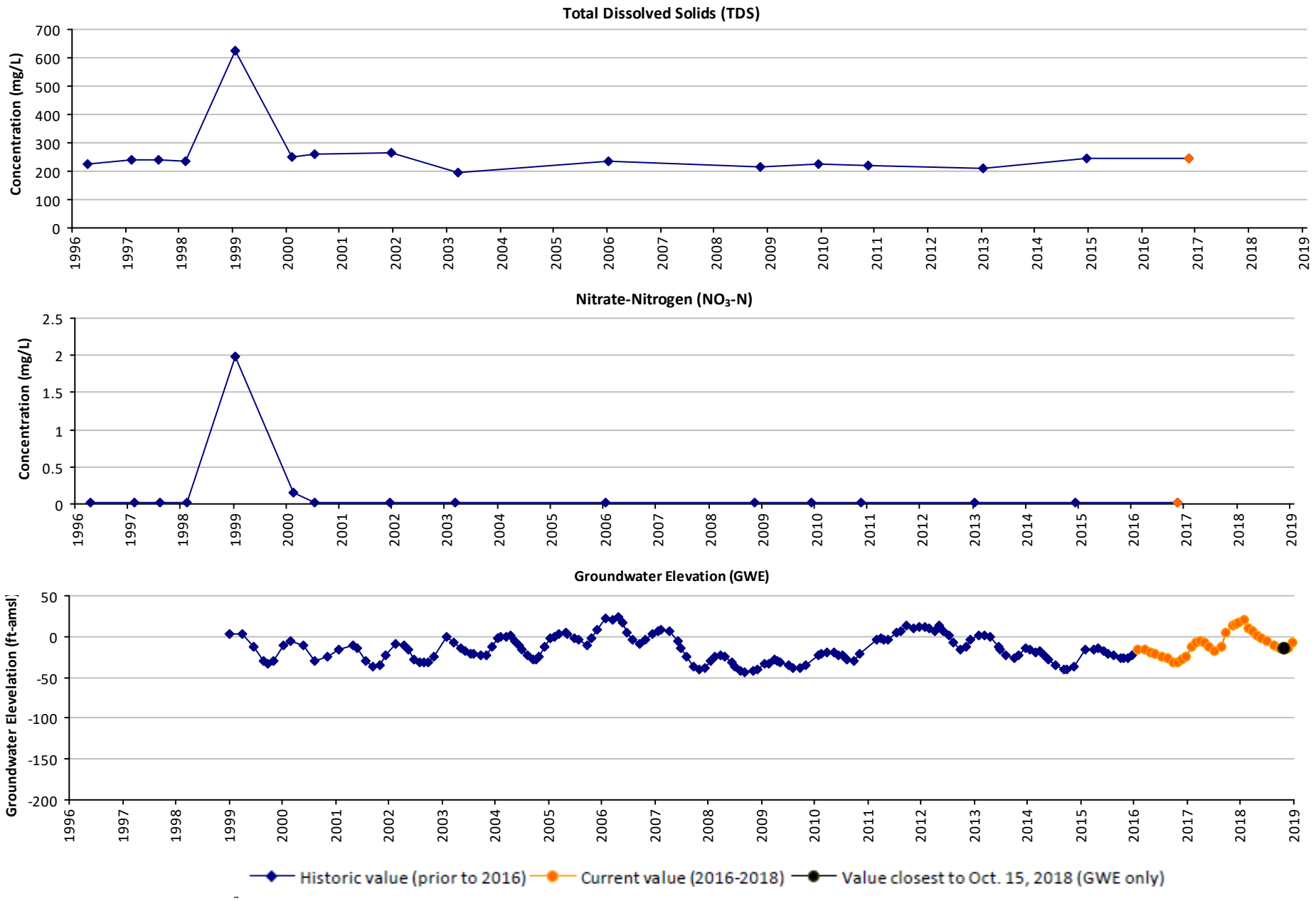
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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Current value (2016-2018)
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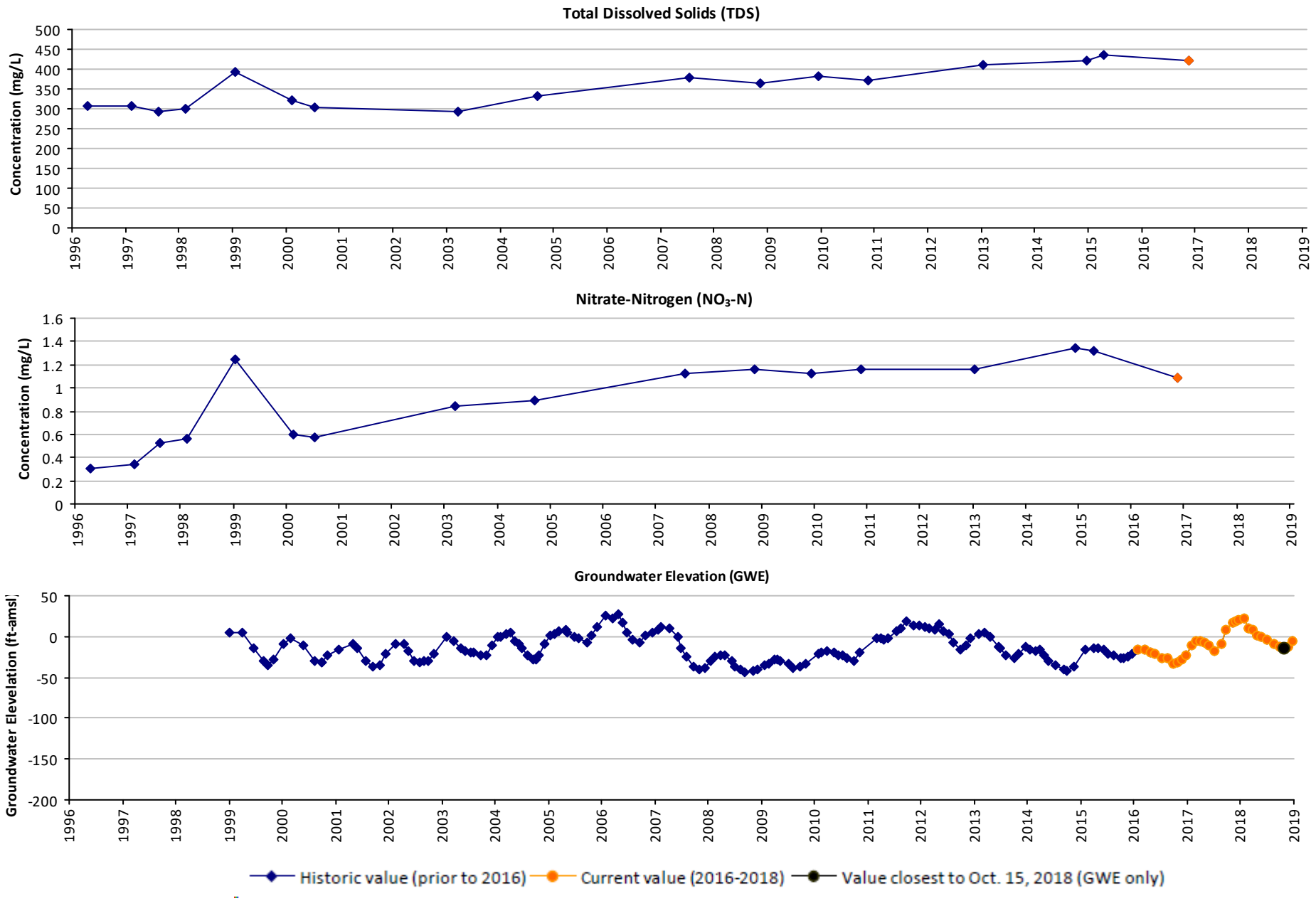
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Concentration (mg/L)
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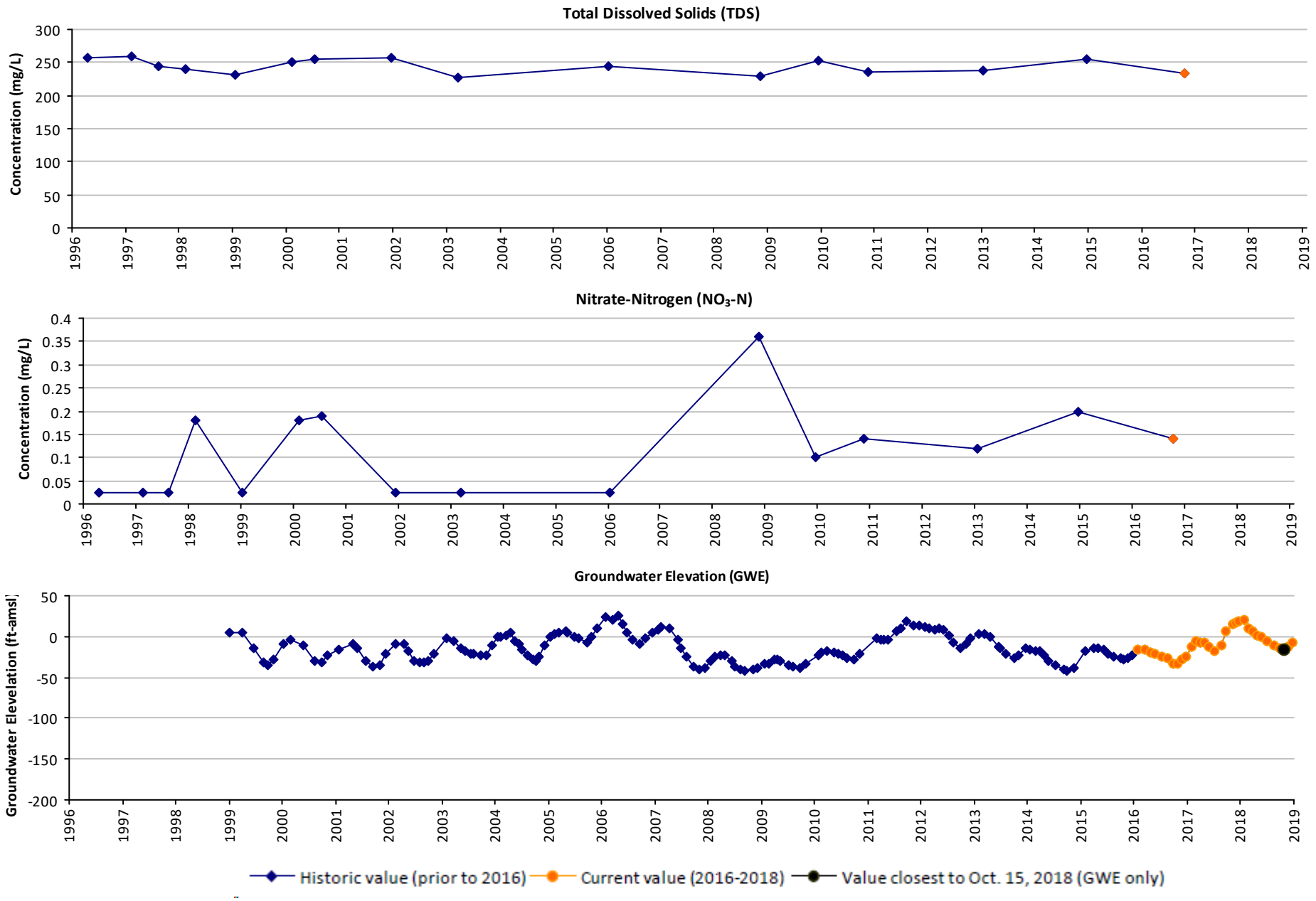
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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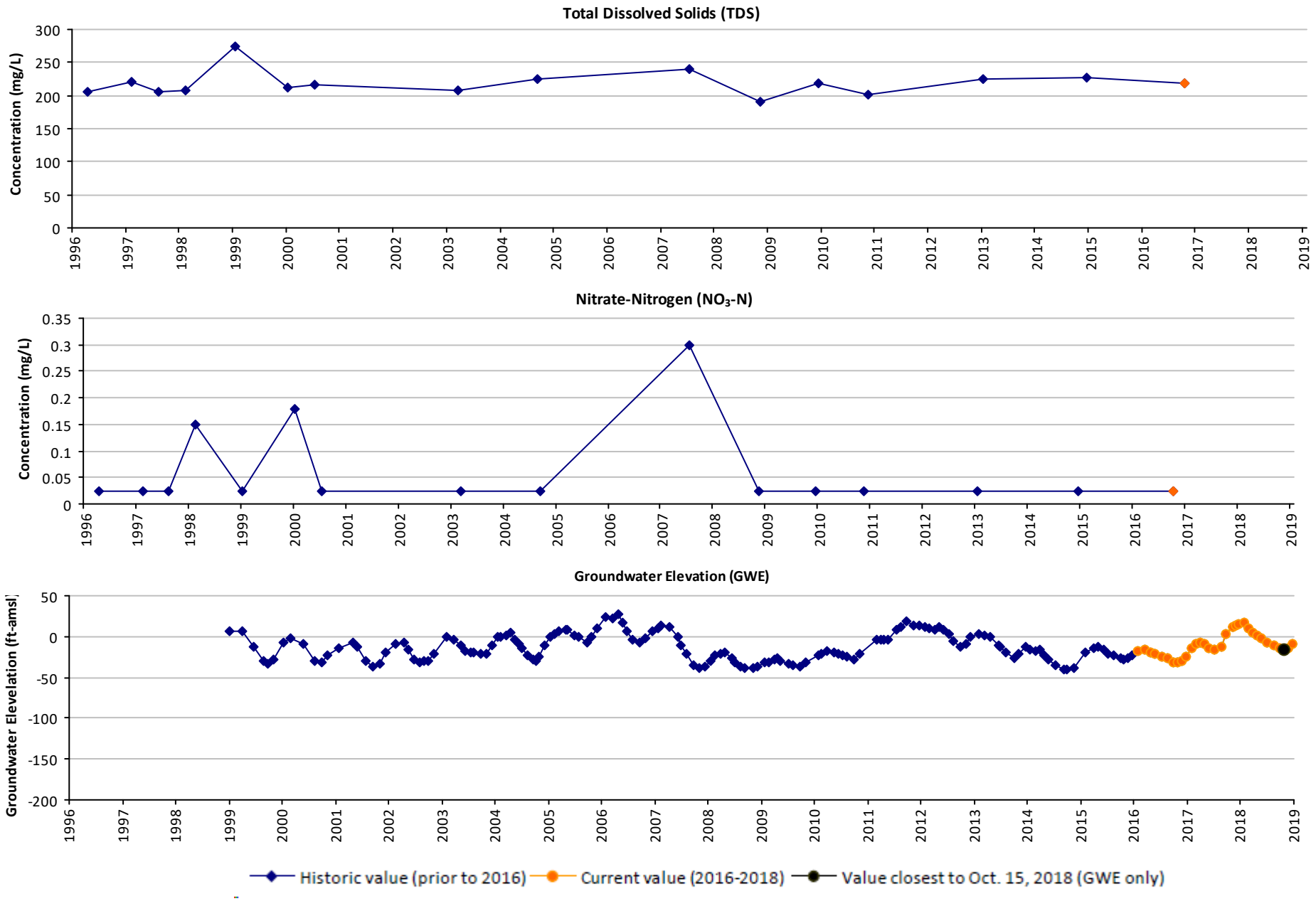
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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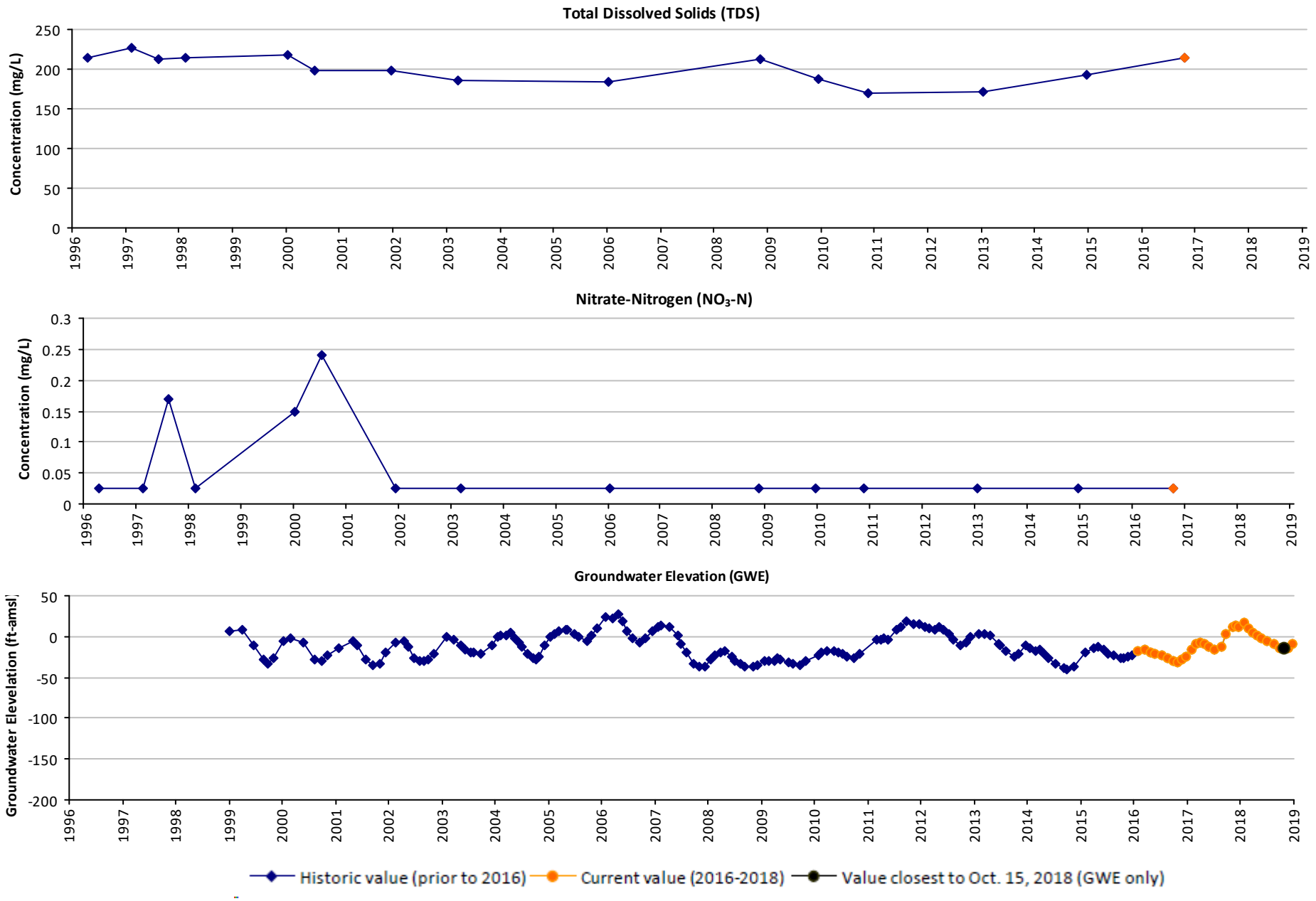
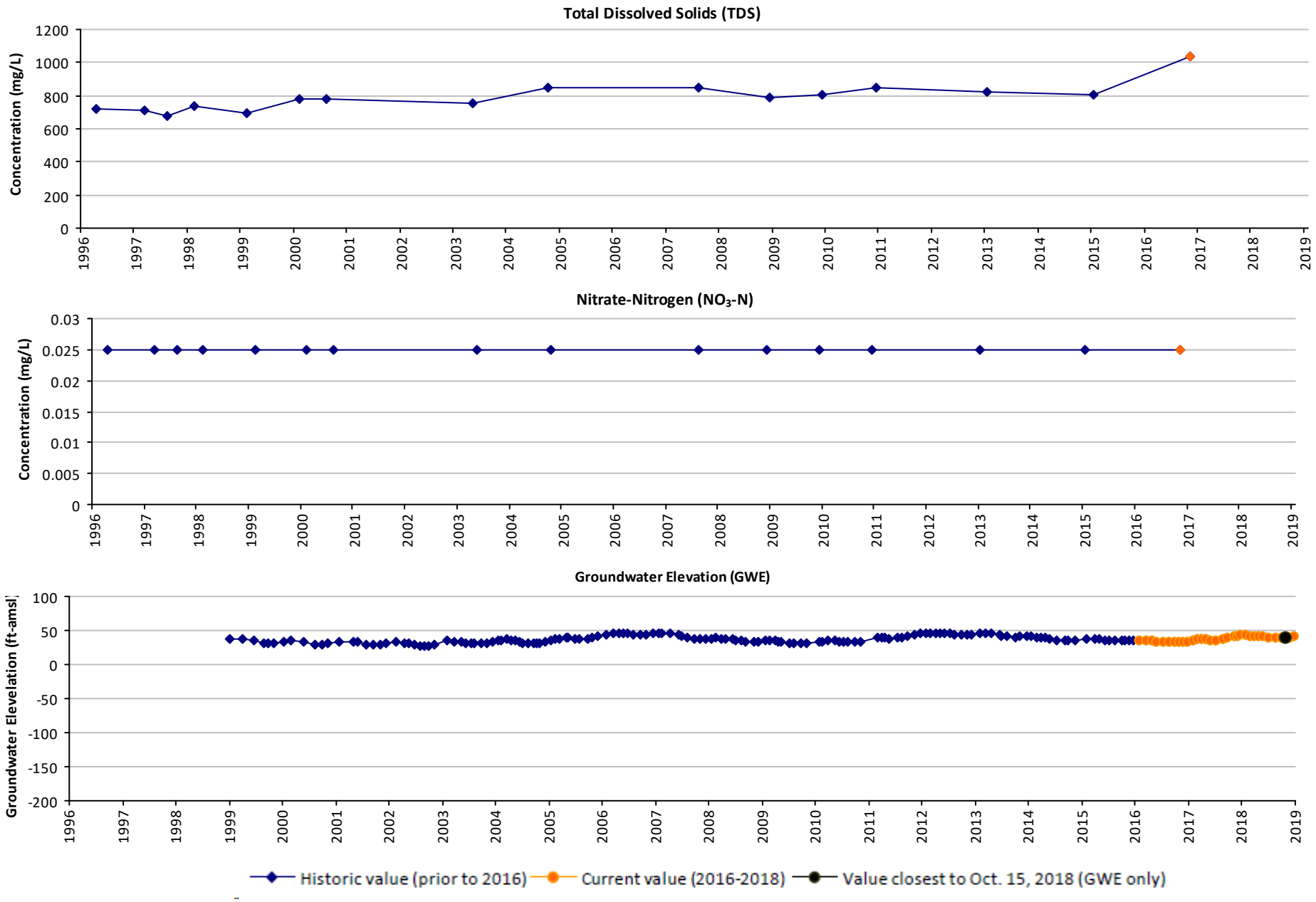

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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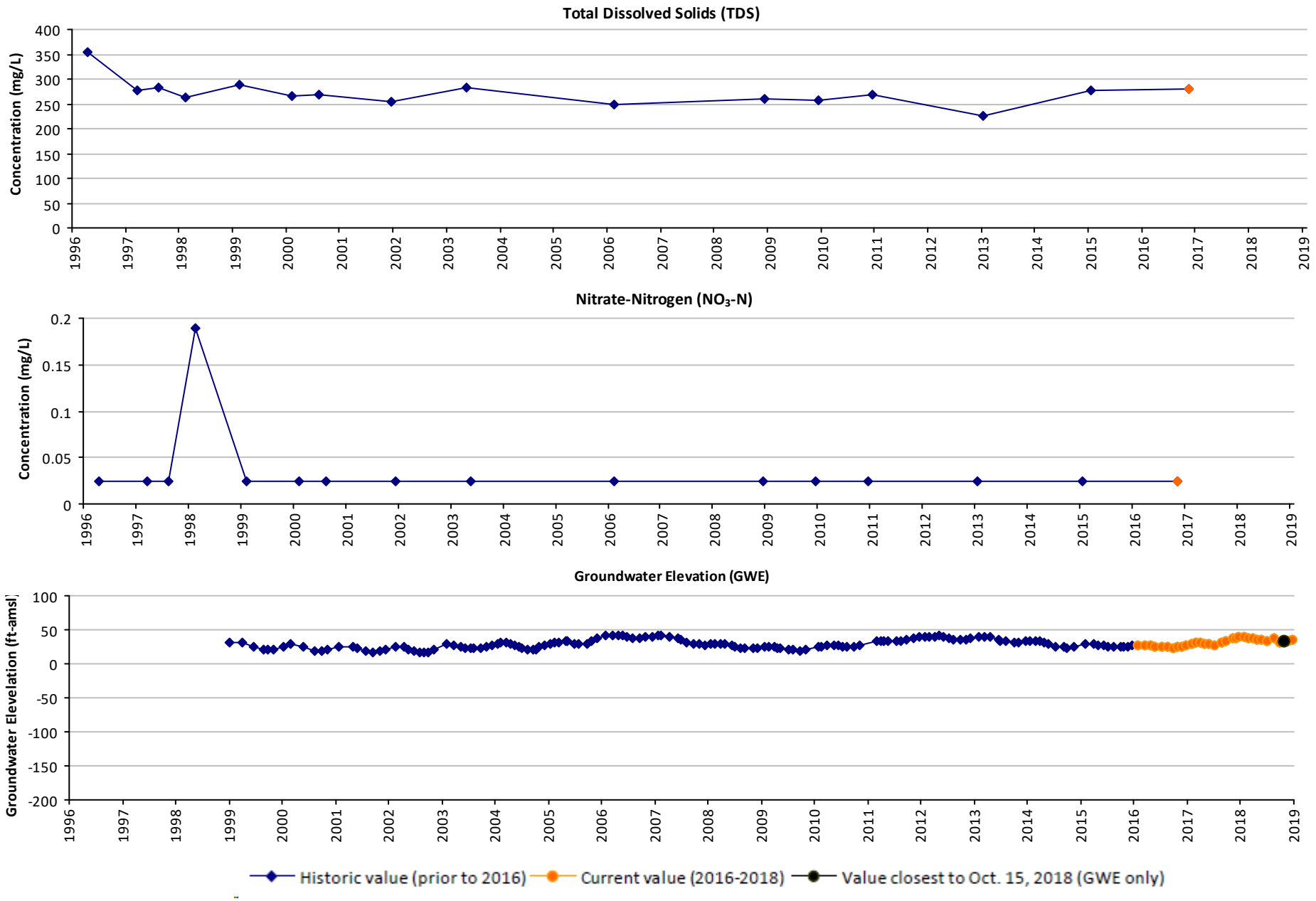
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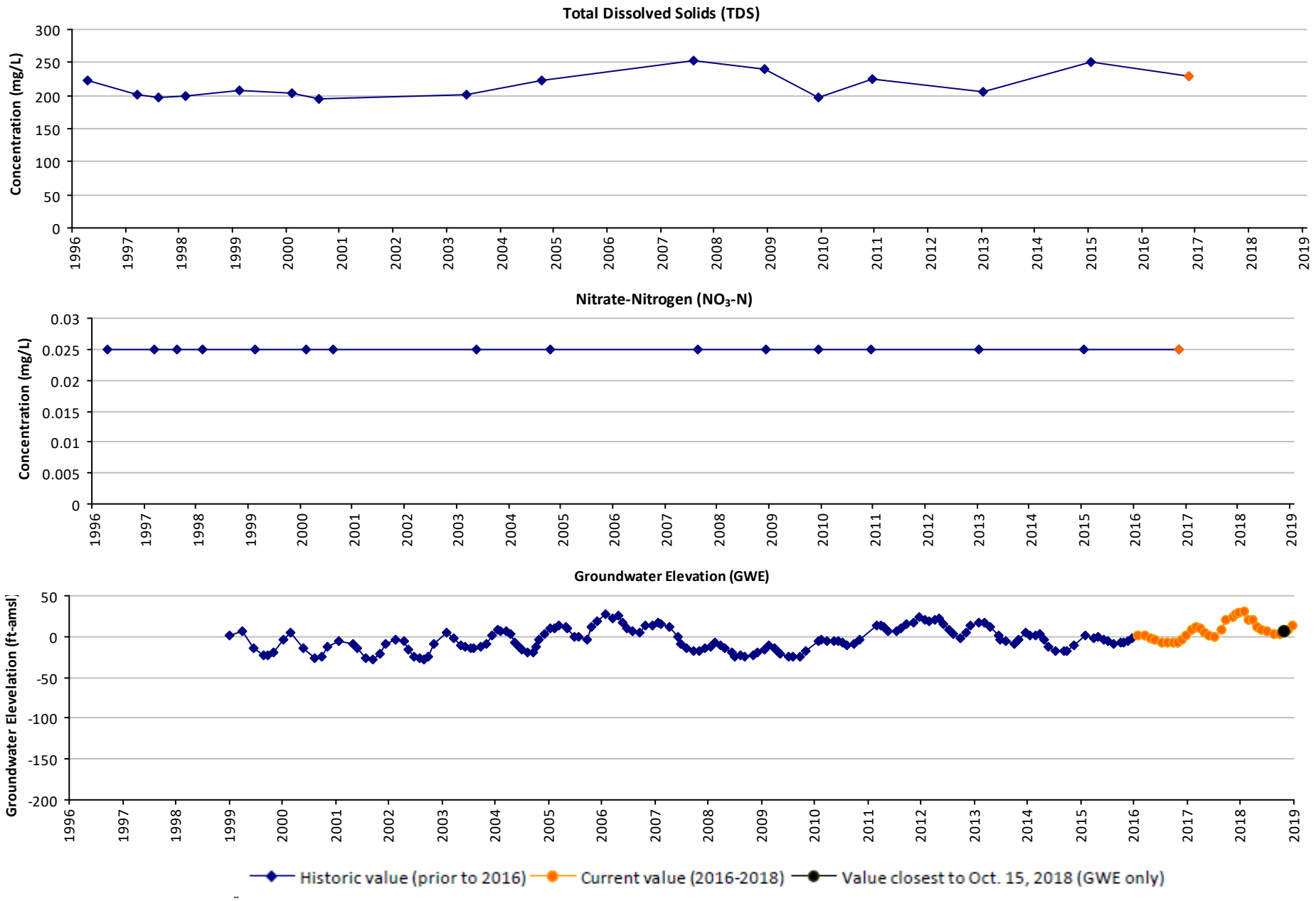
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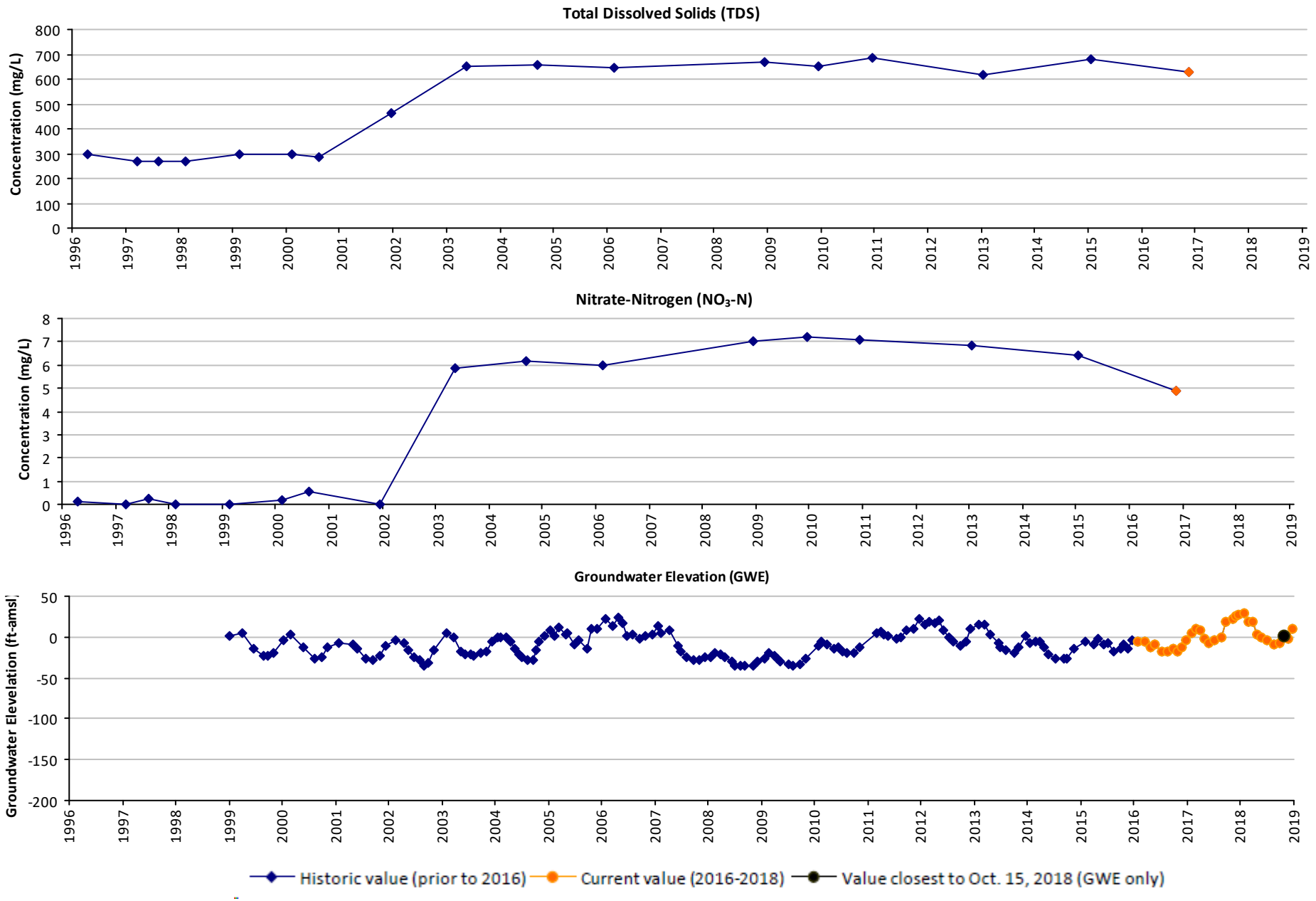
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Current value (2016-2018)
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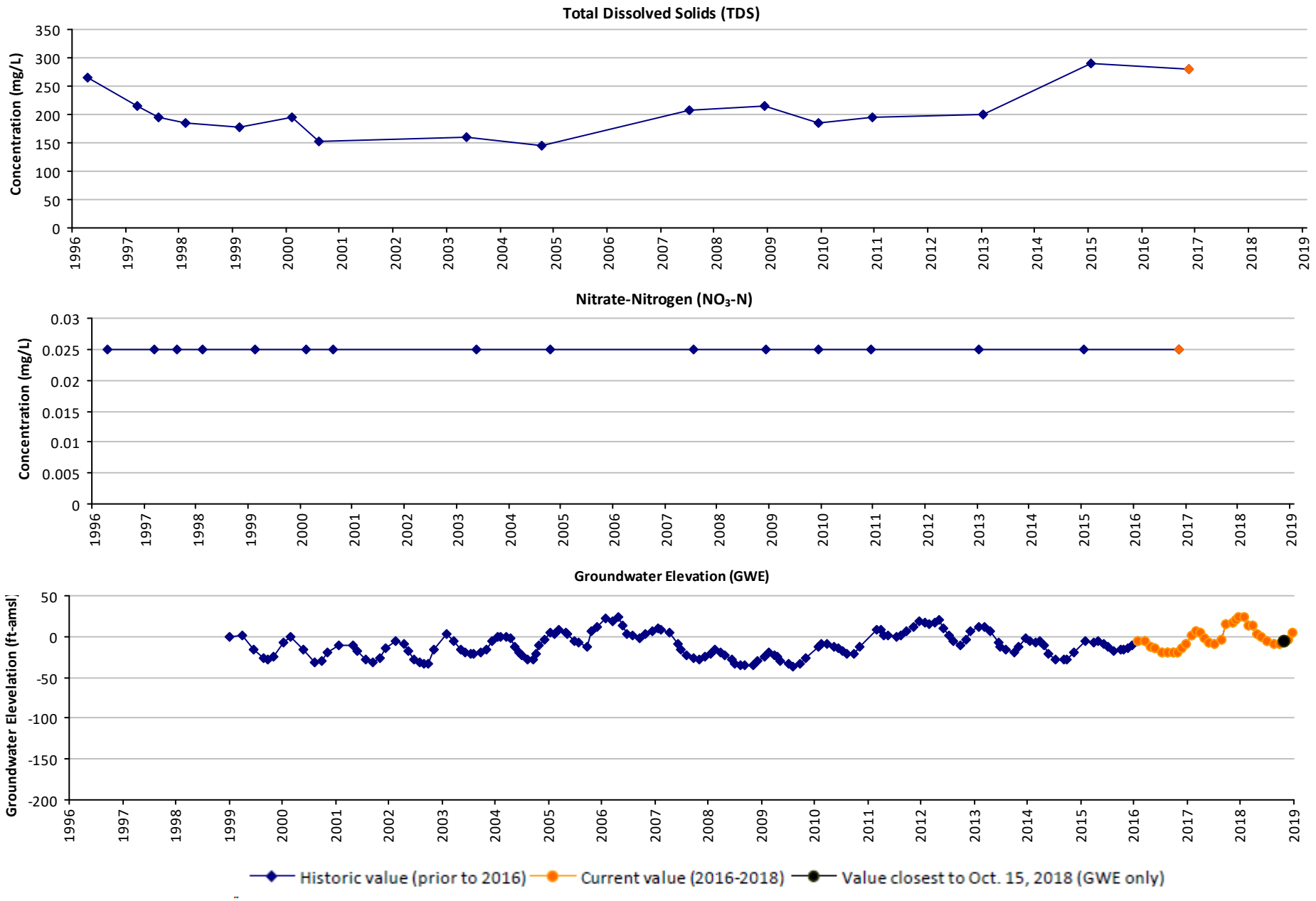
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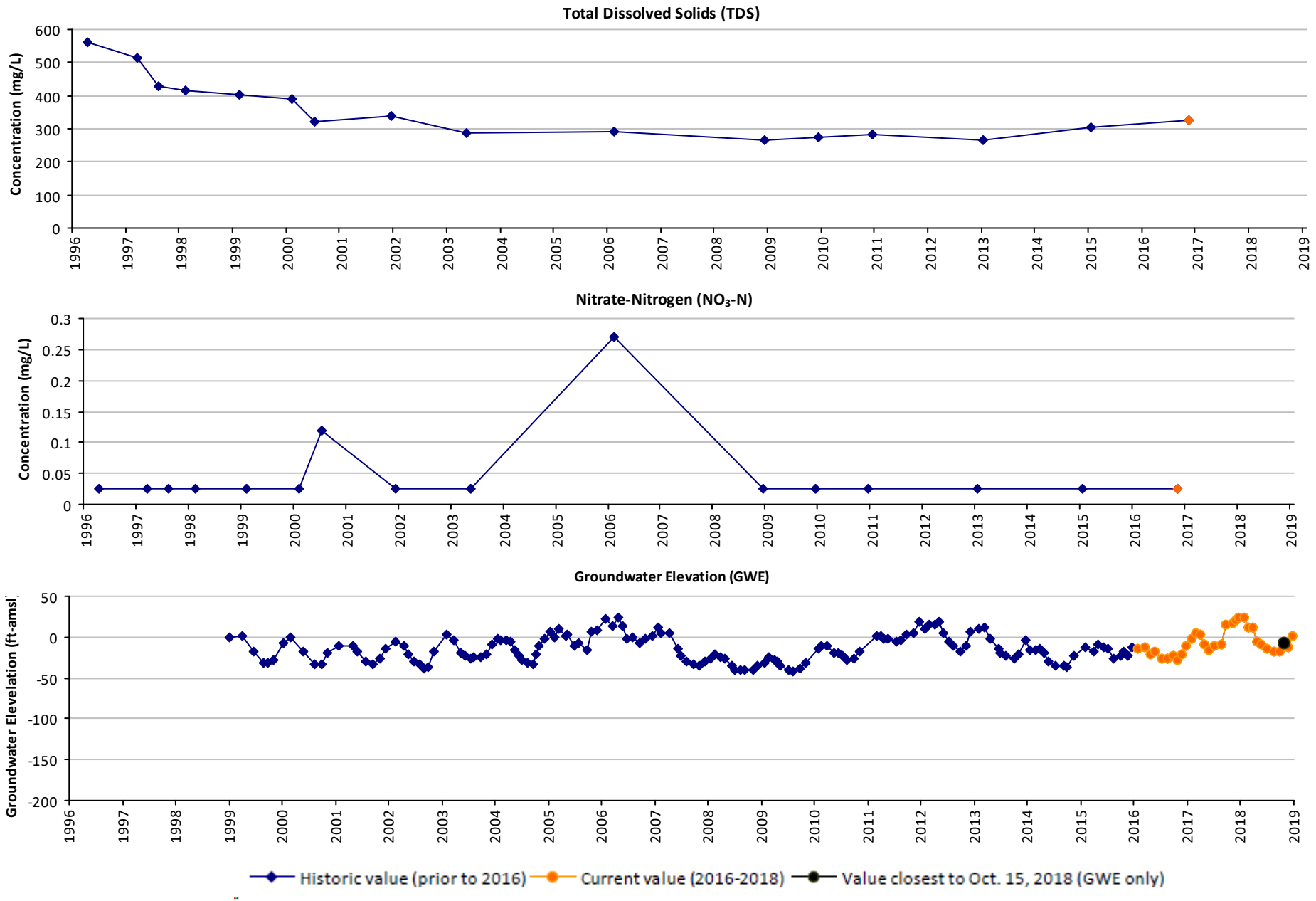
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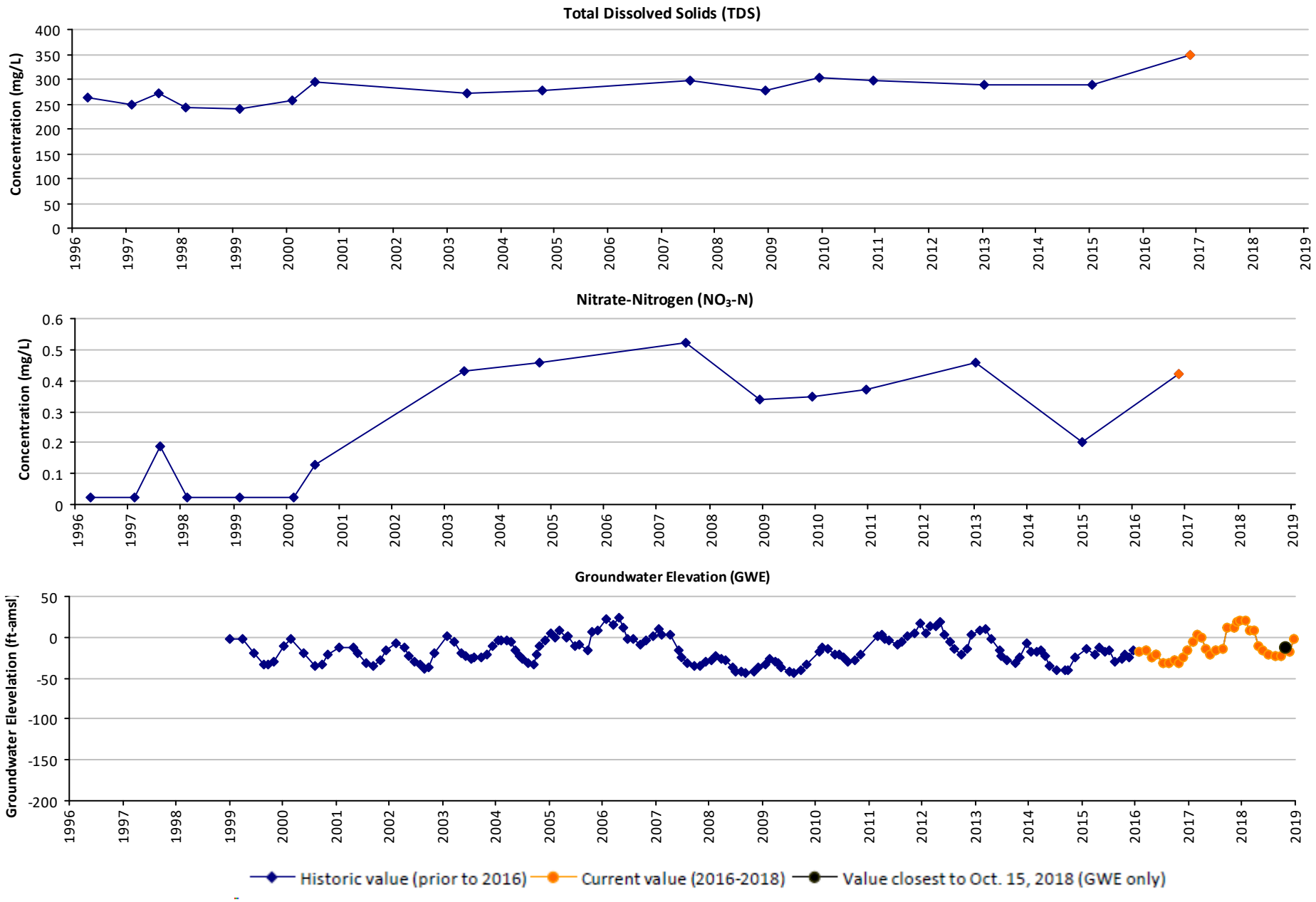
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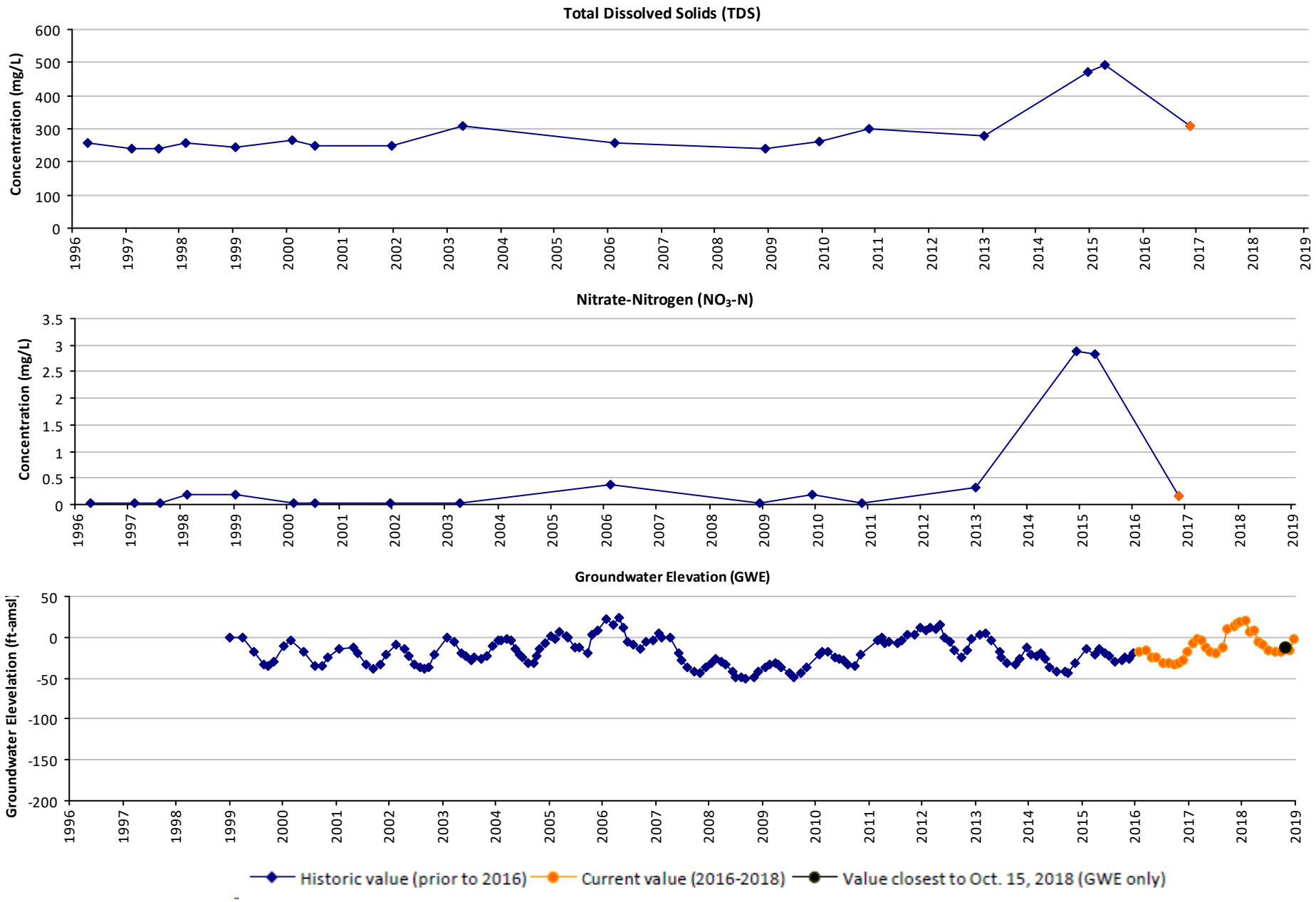
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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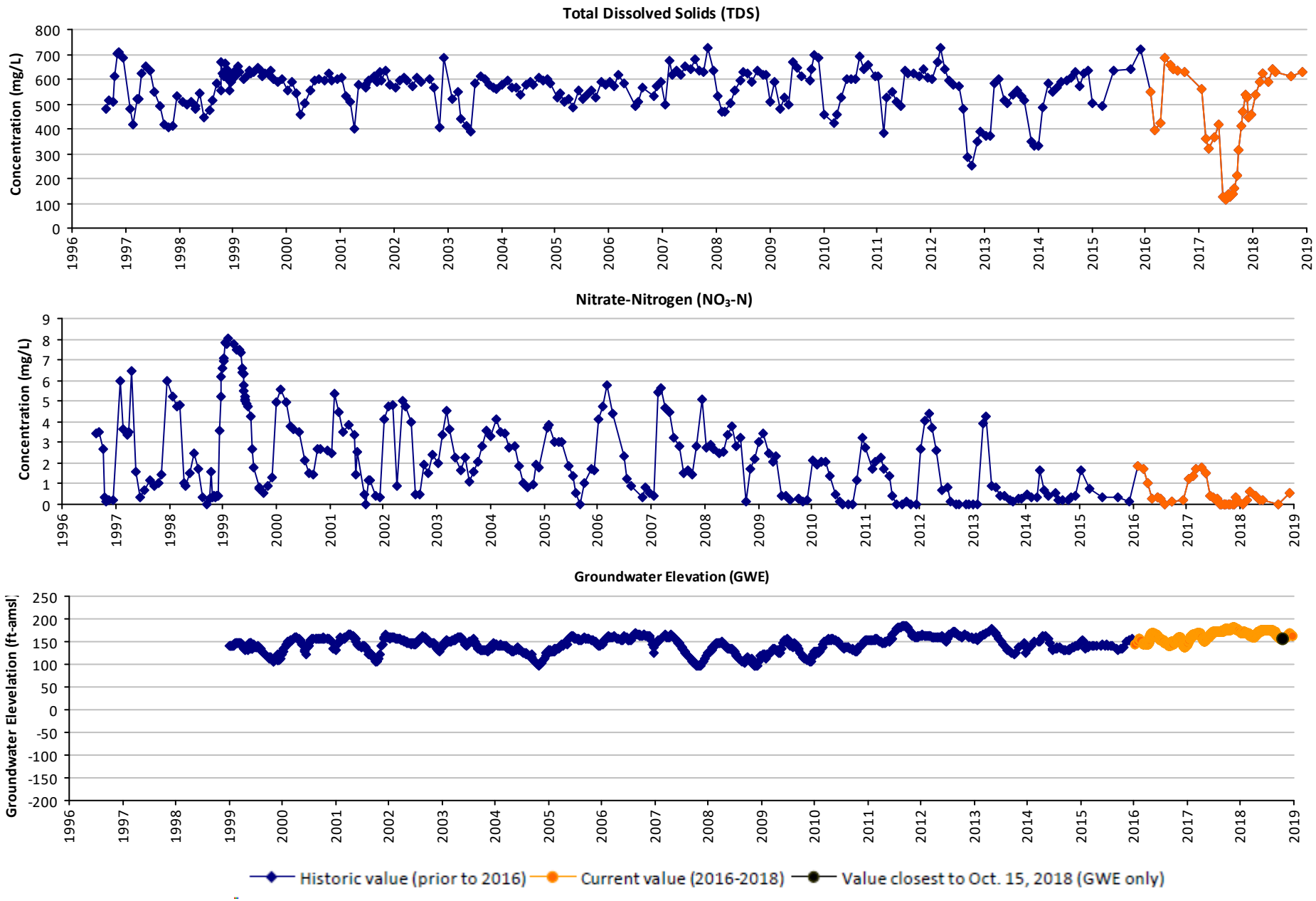
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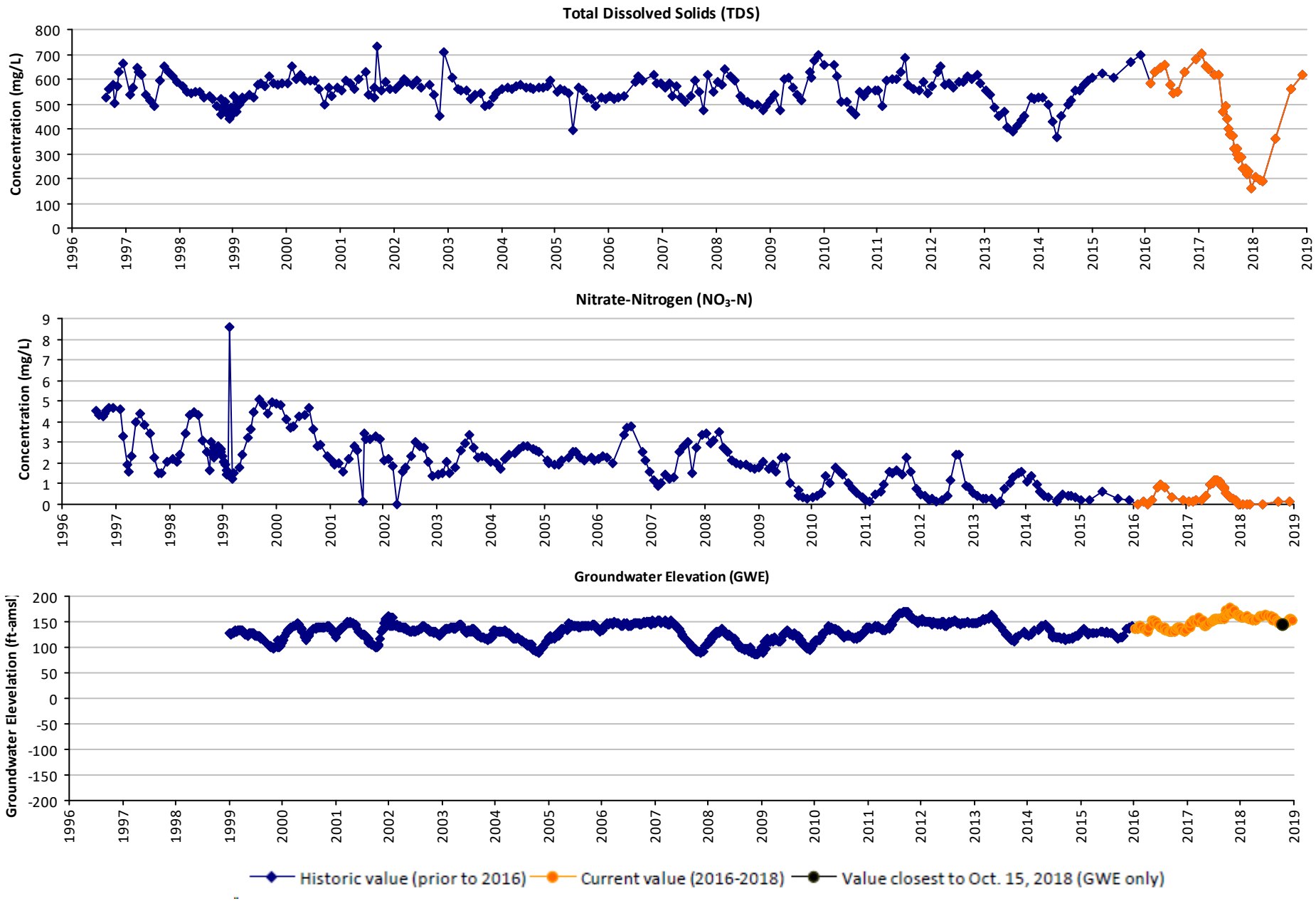
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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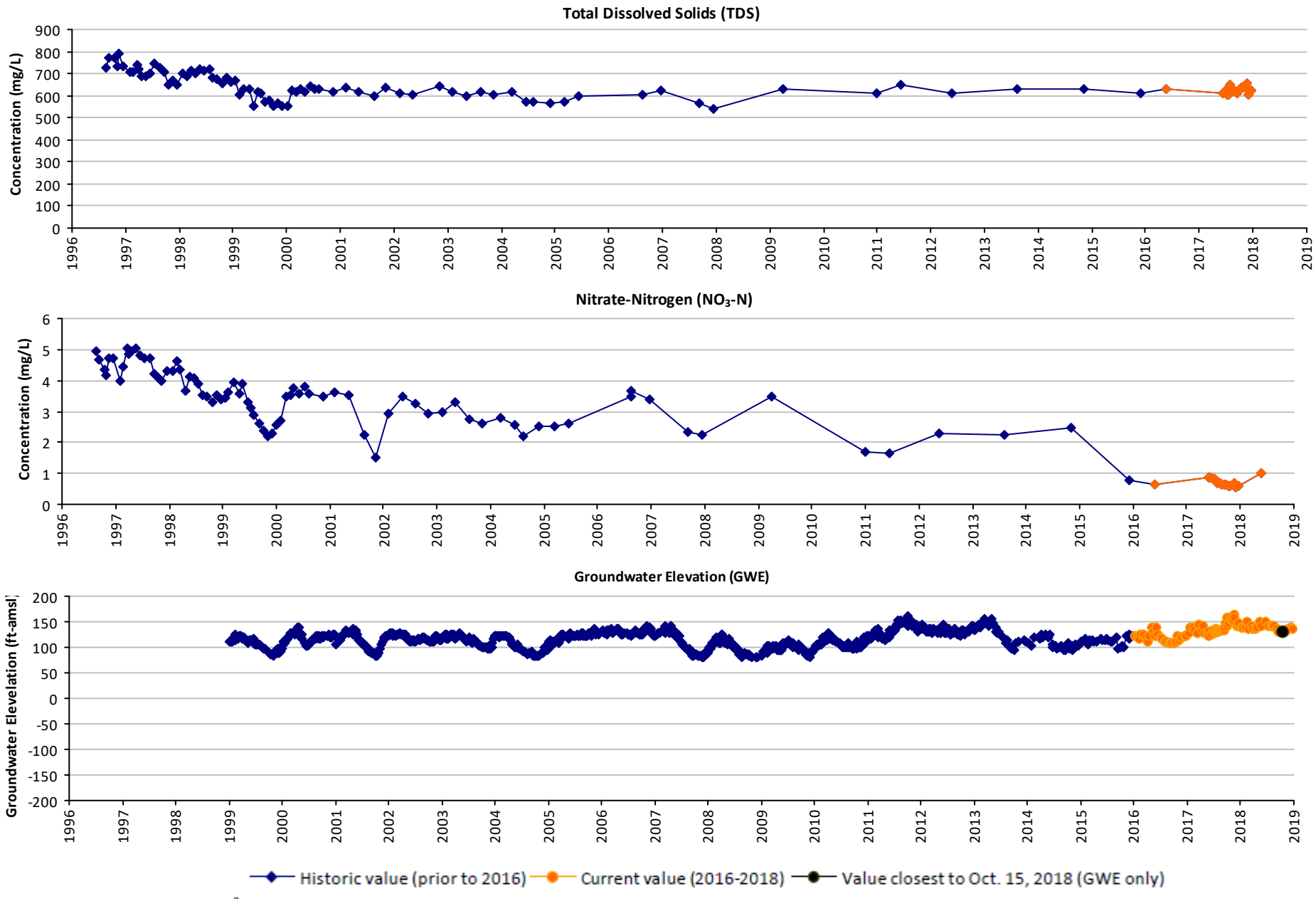
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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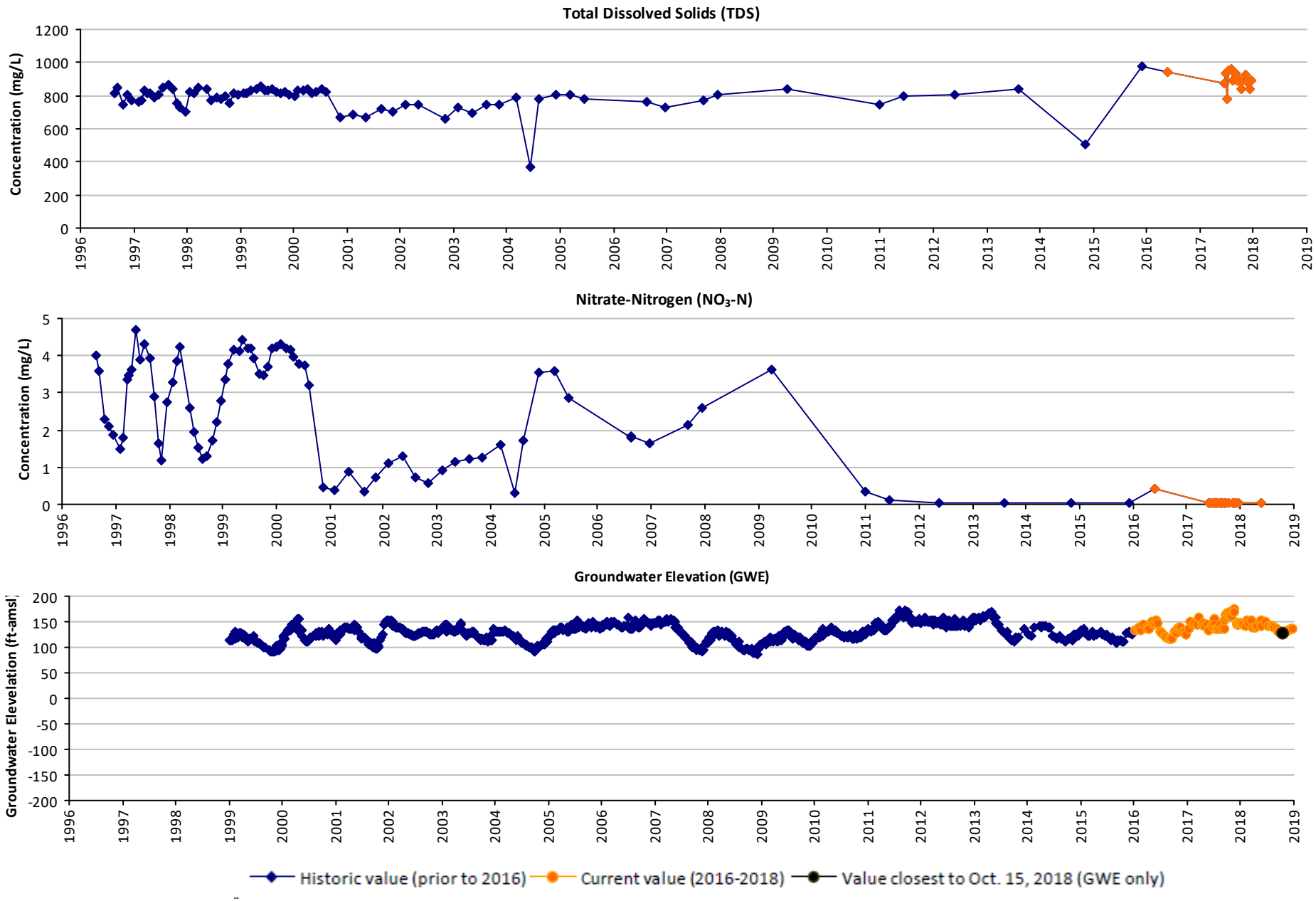
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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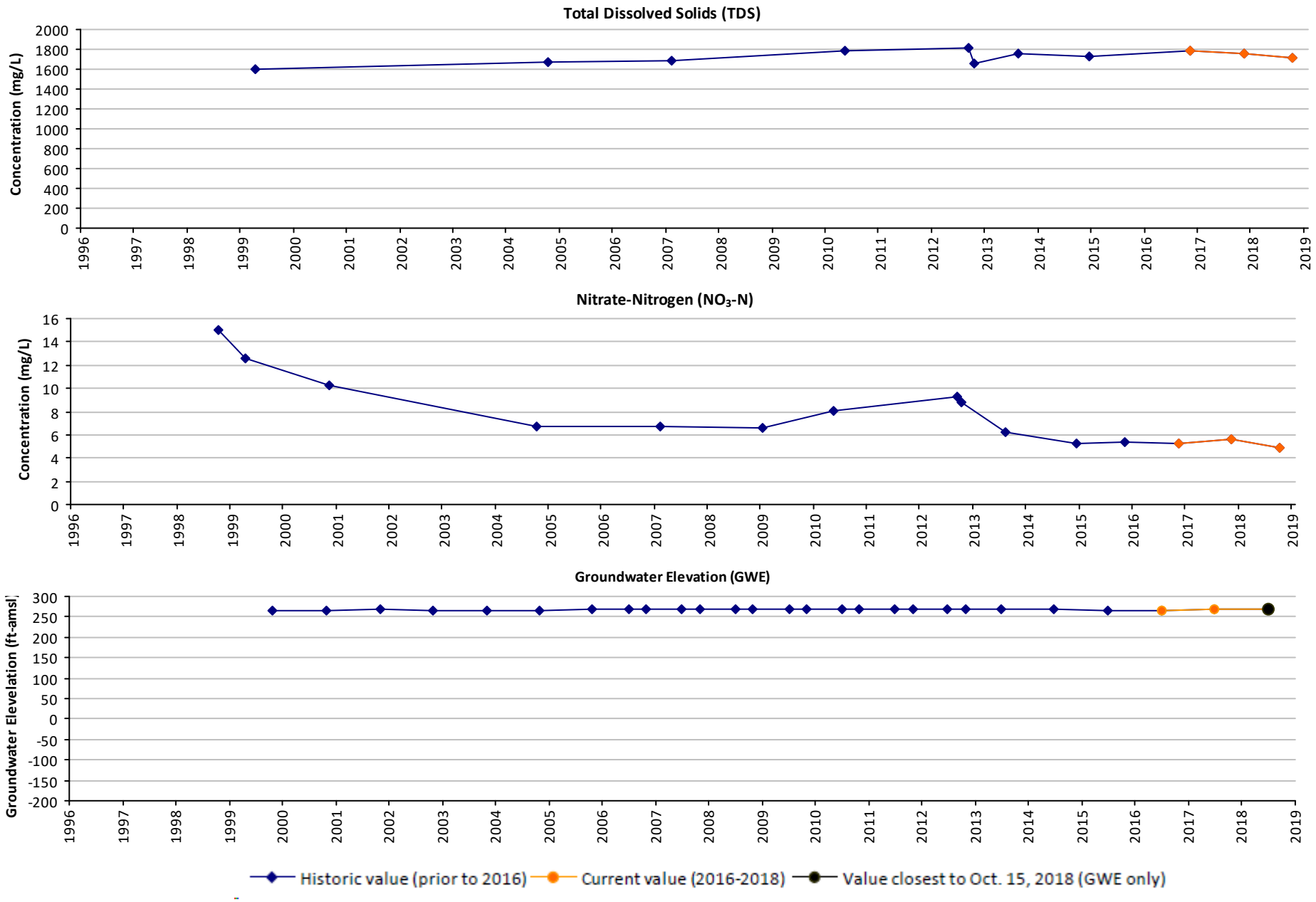
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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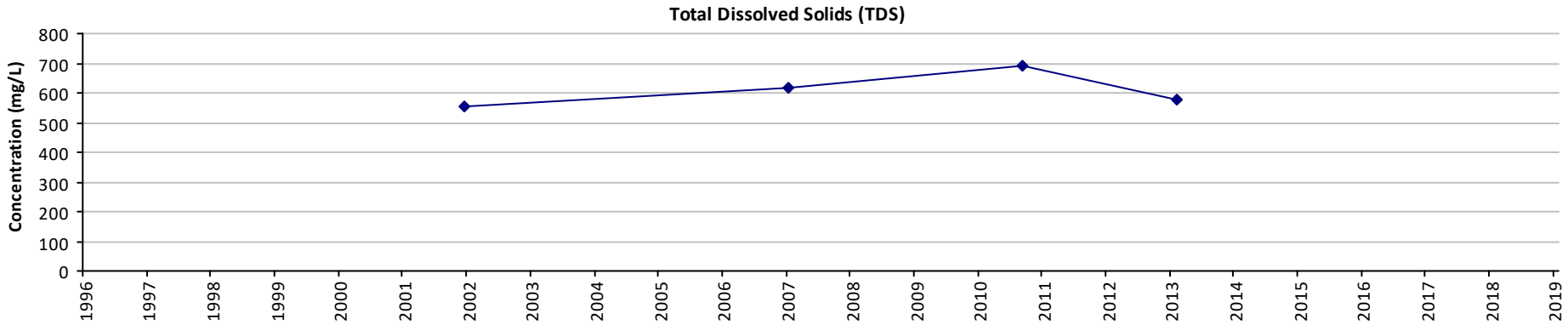
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
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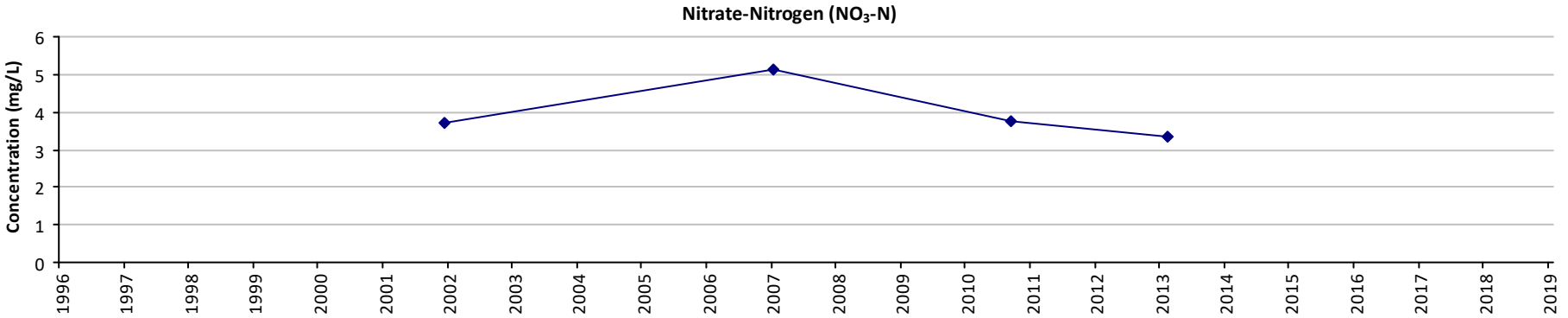
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
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2004
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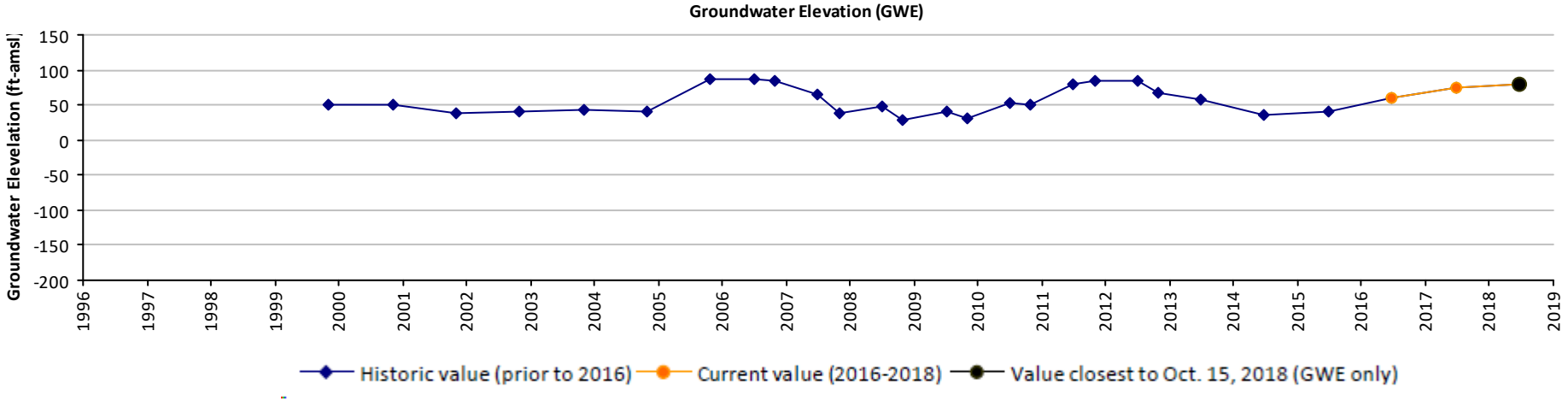
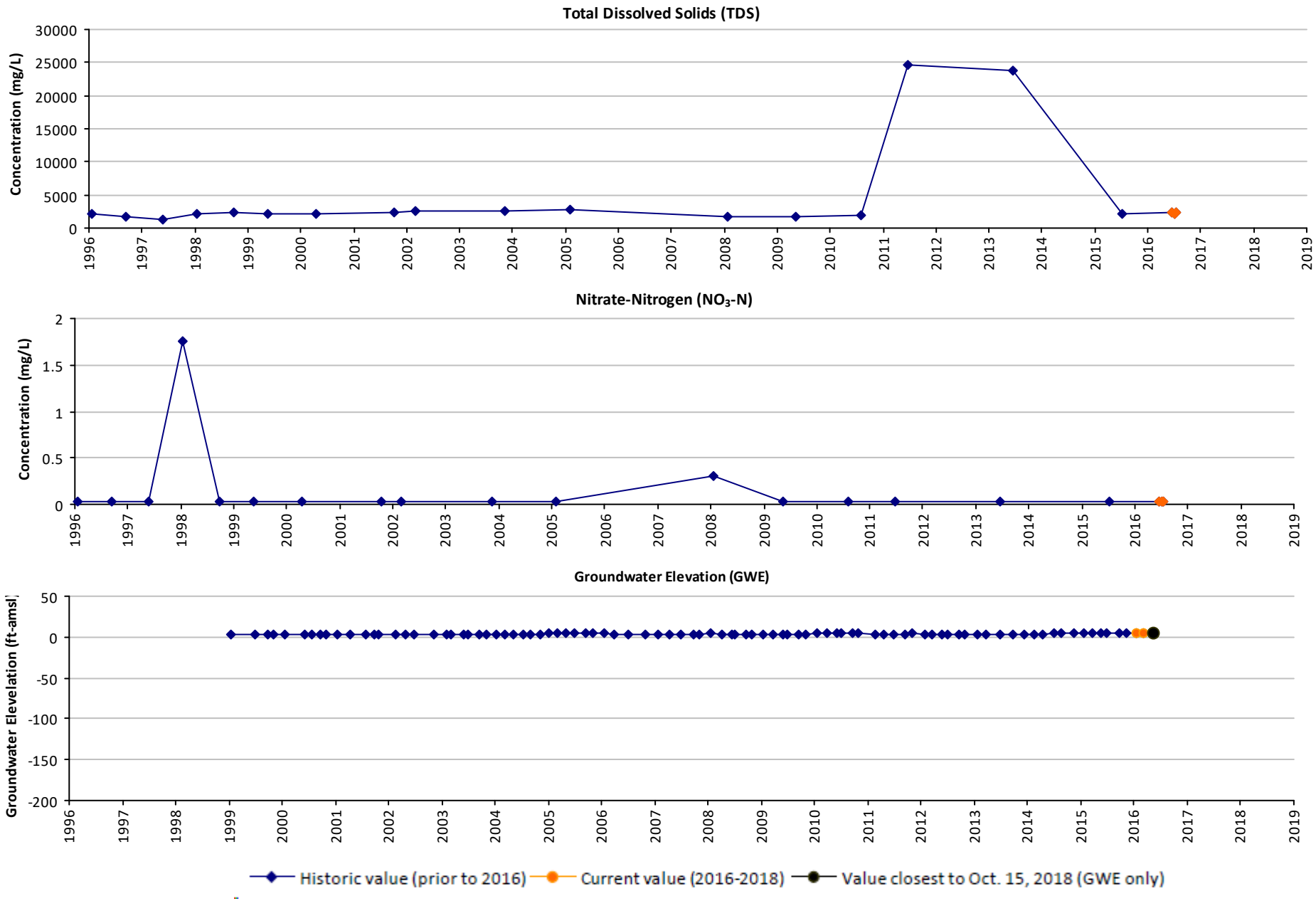
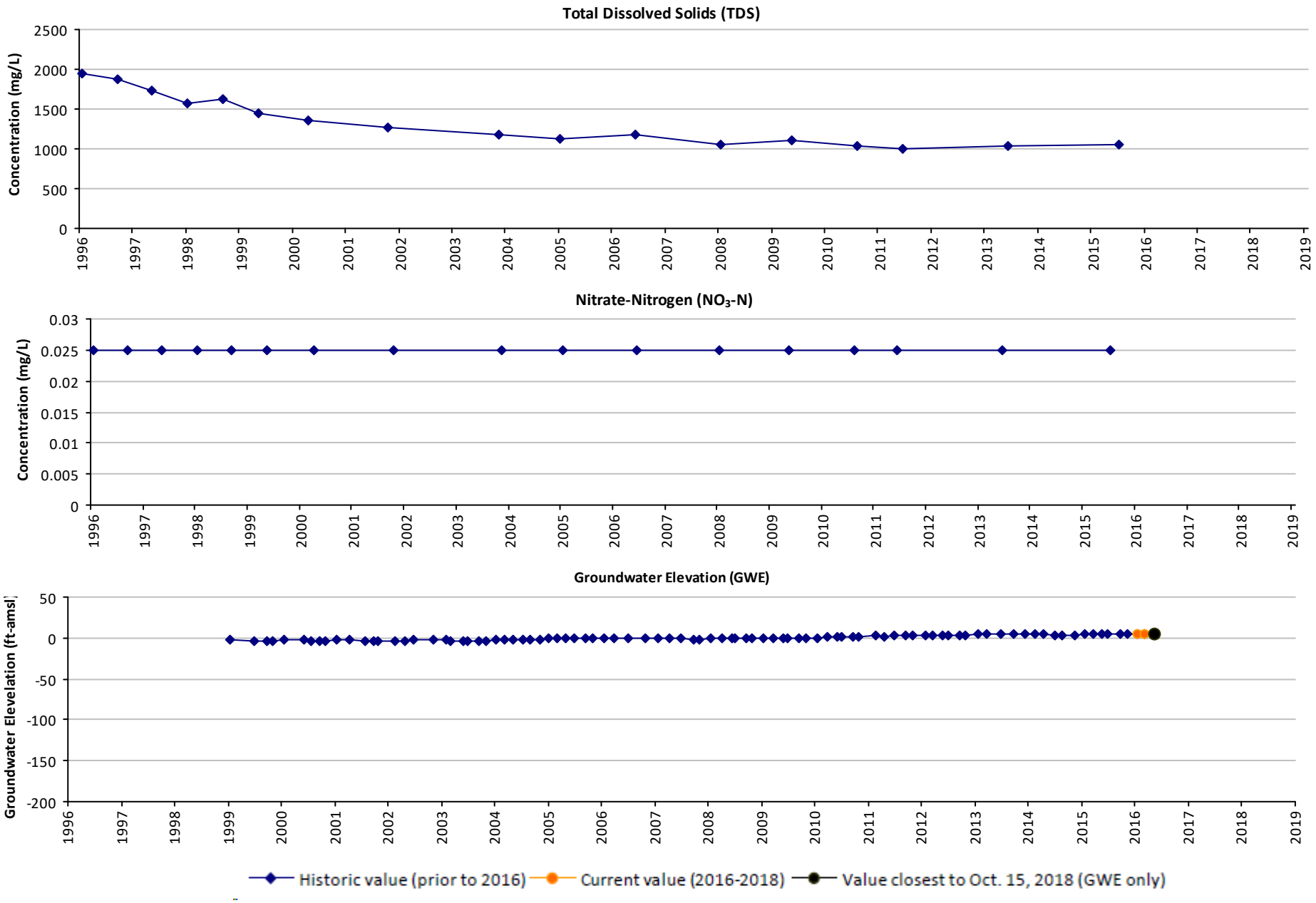
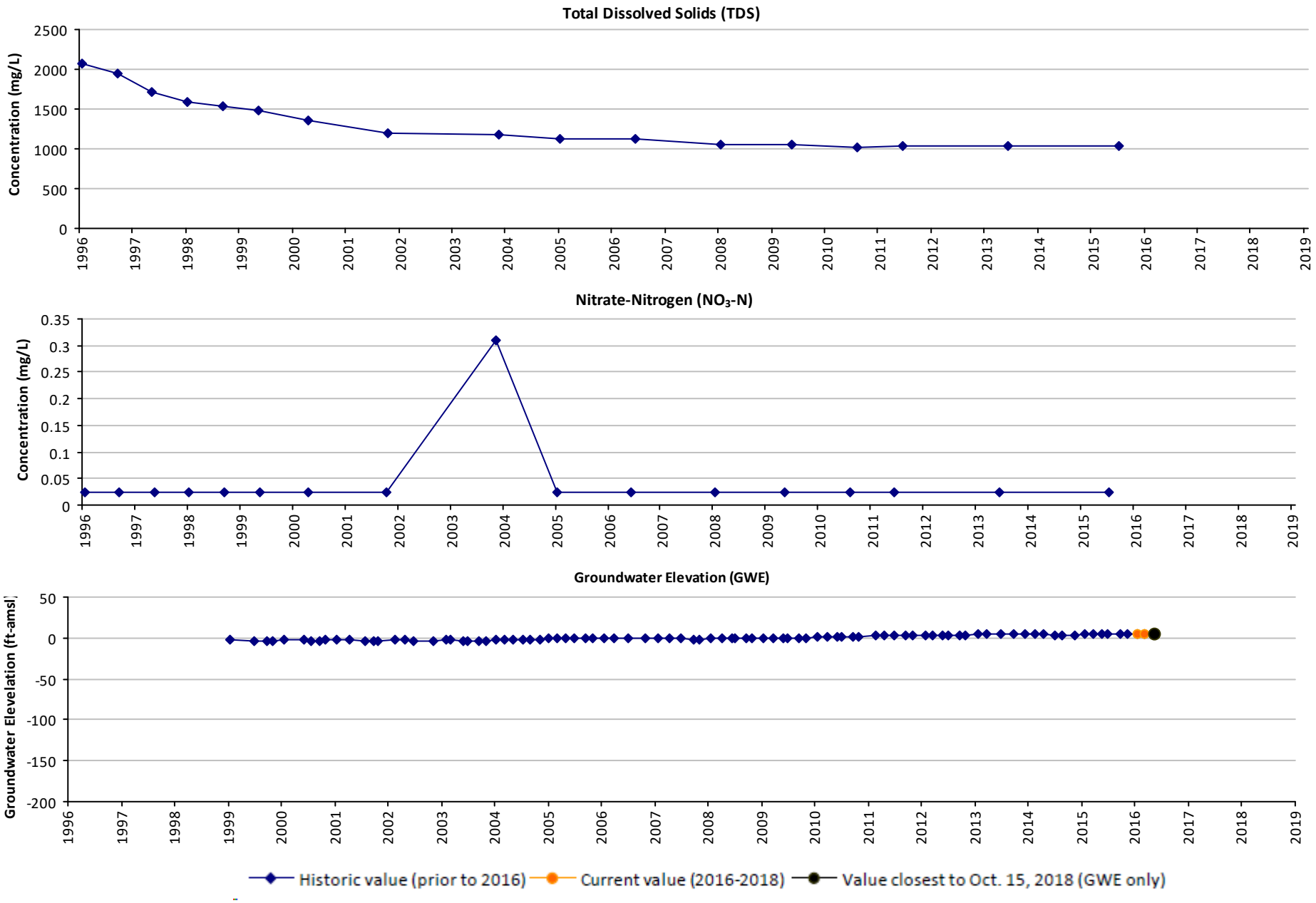
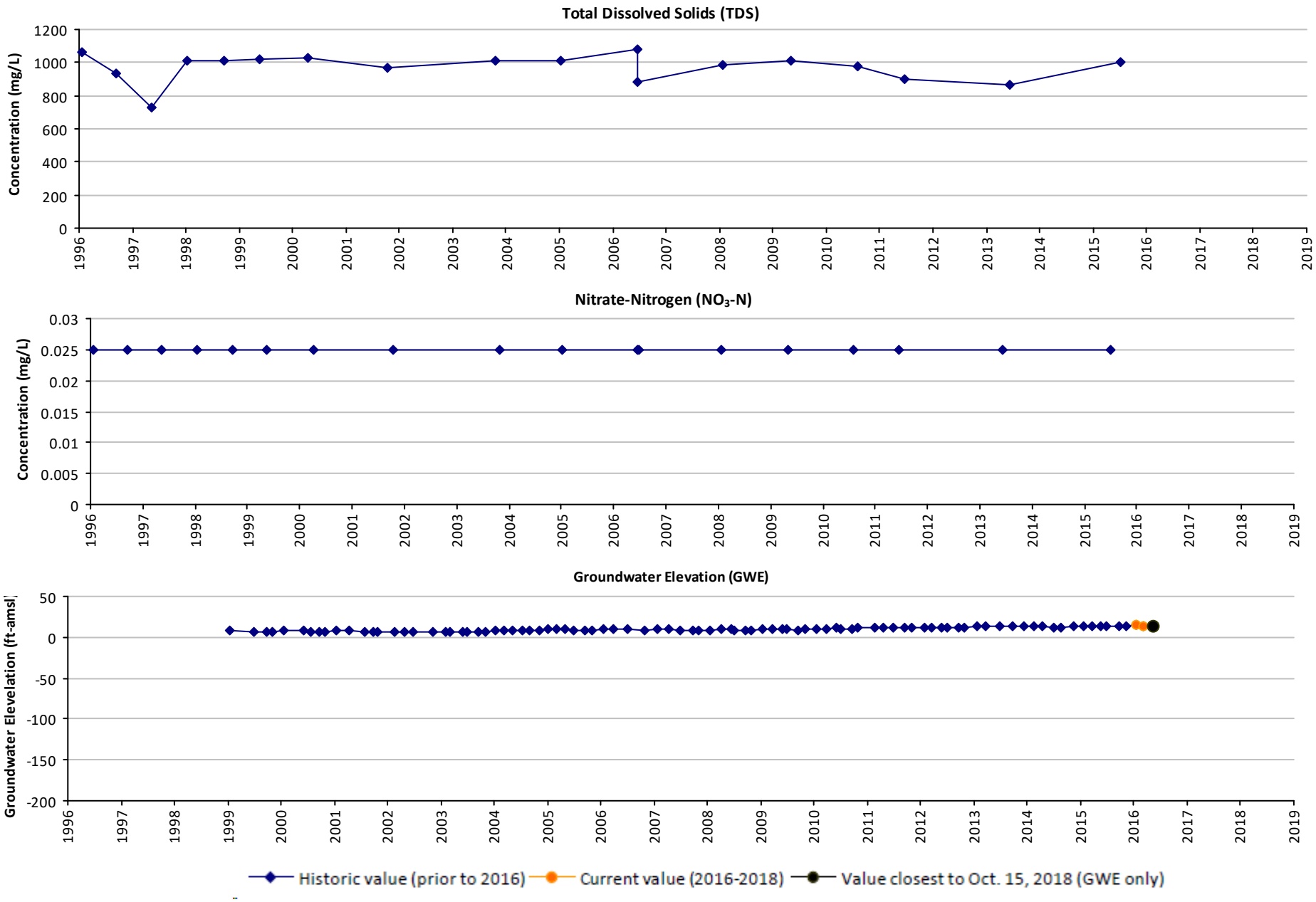
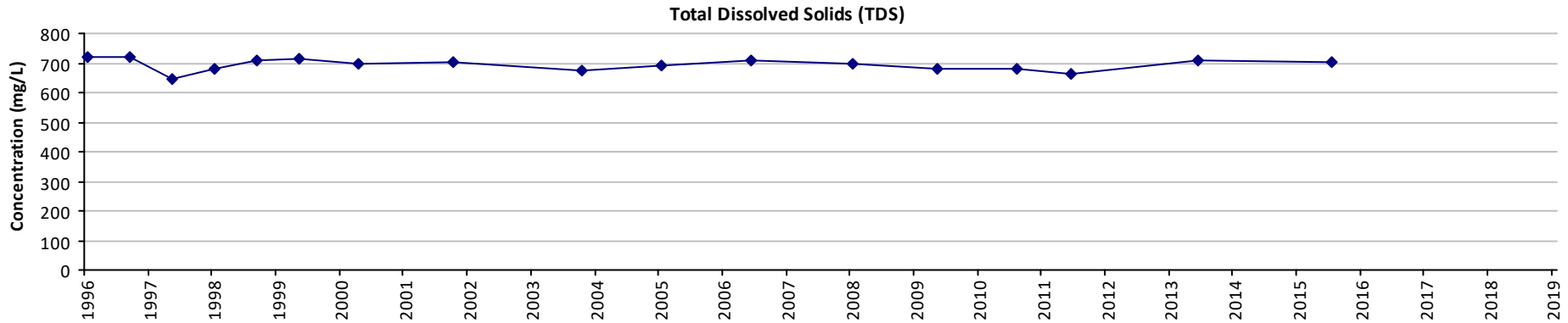

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

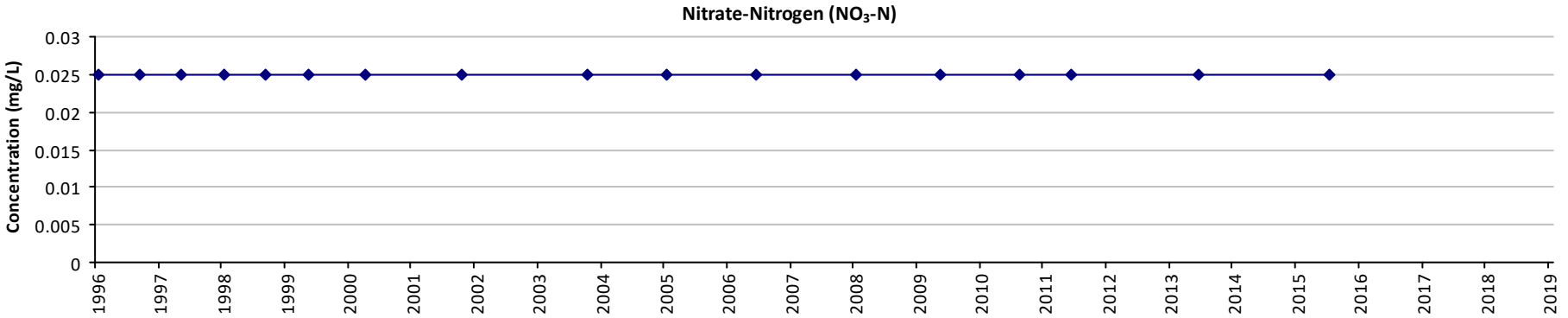

Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

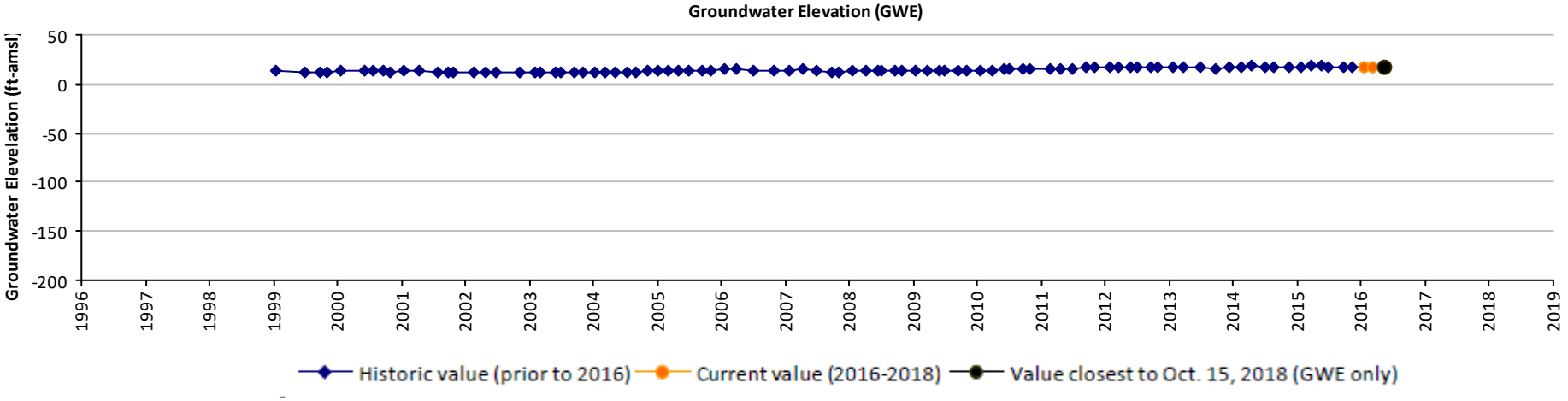

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

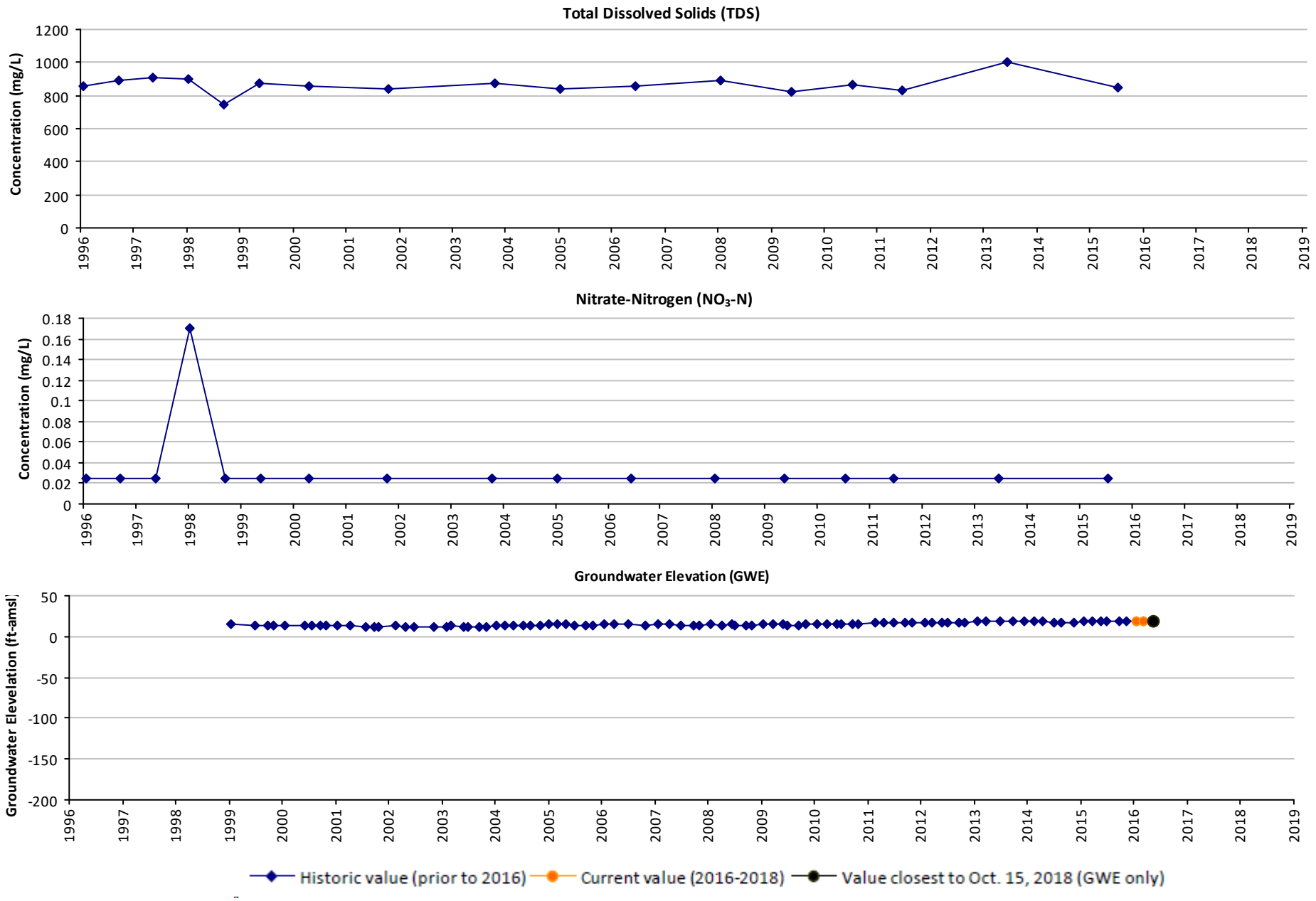

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

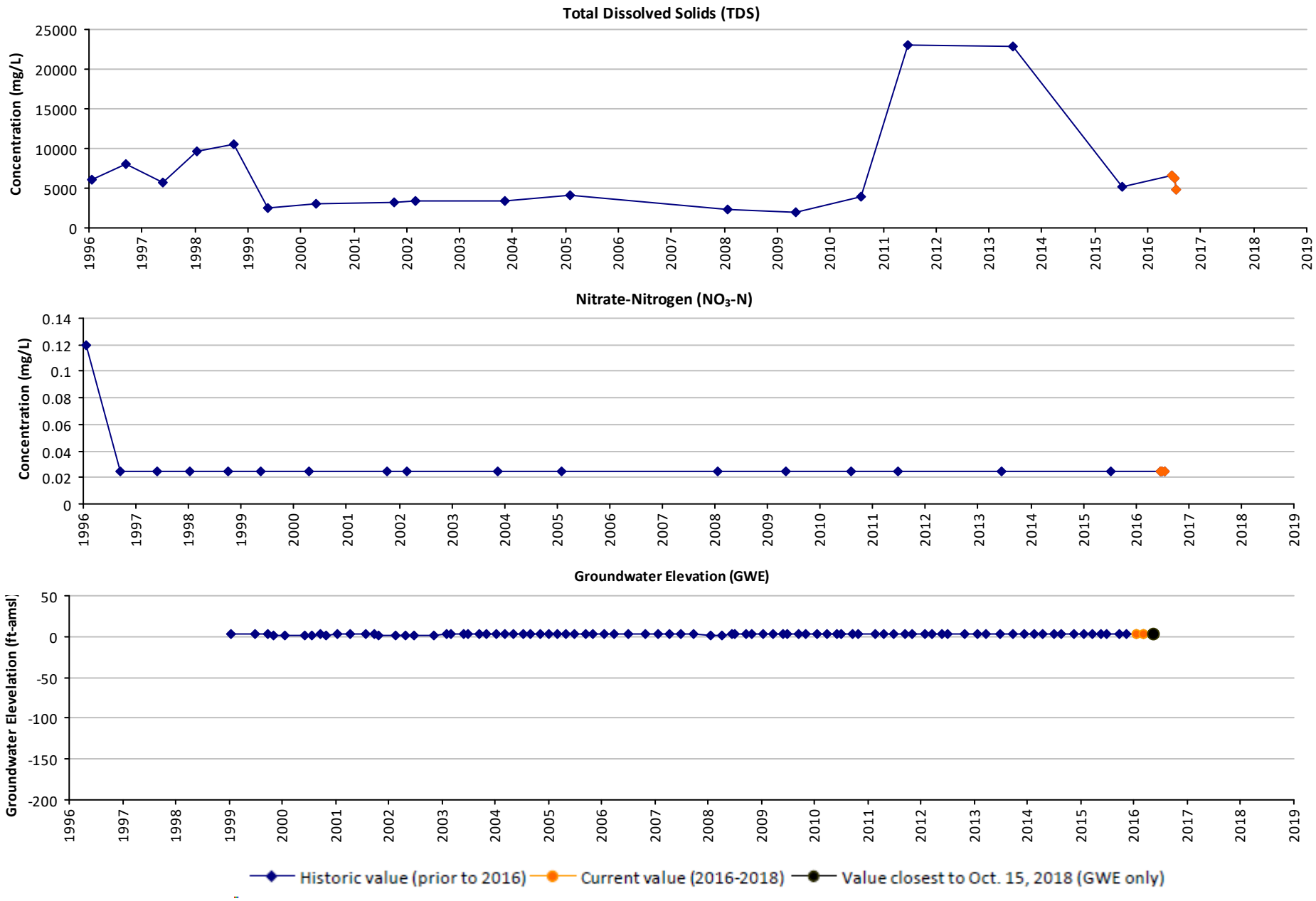

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

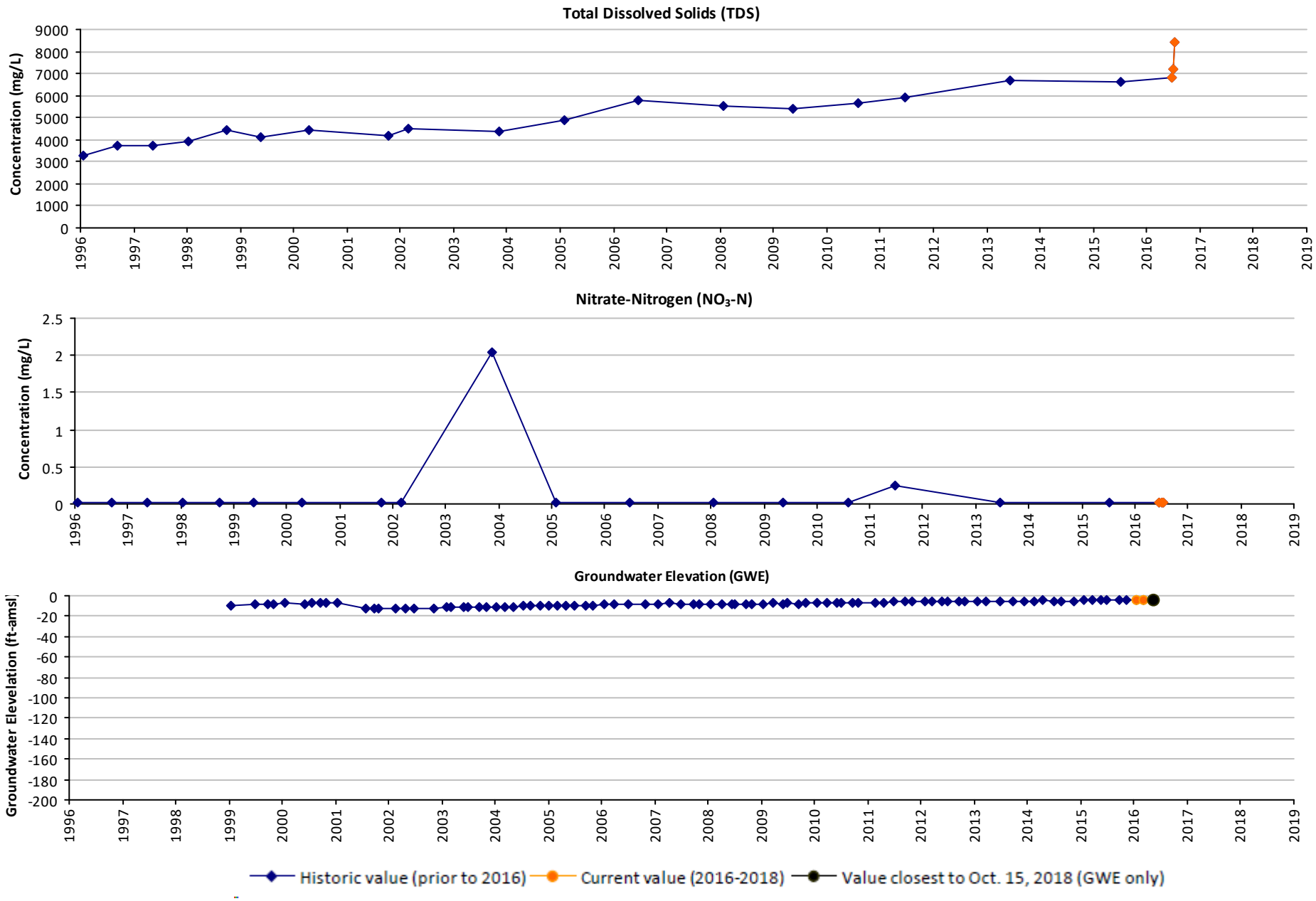

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

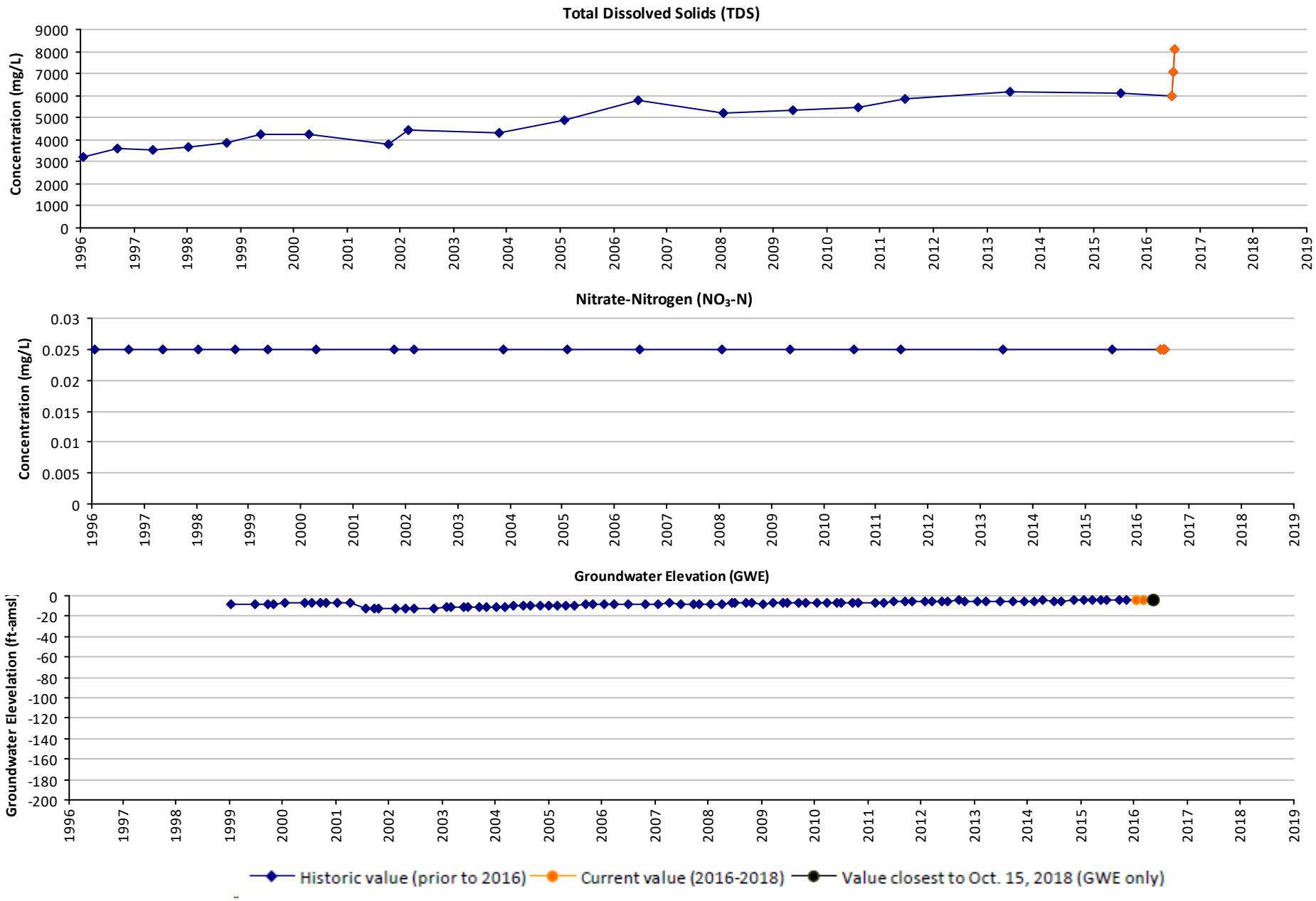

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

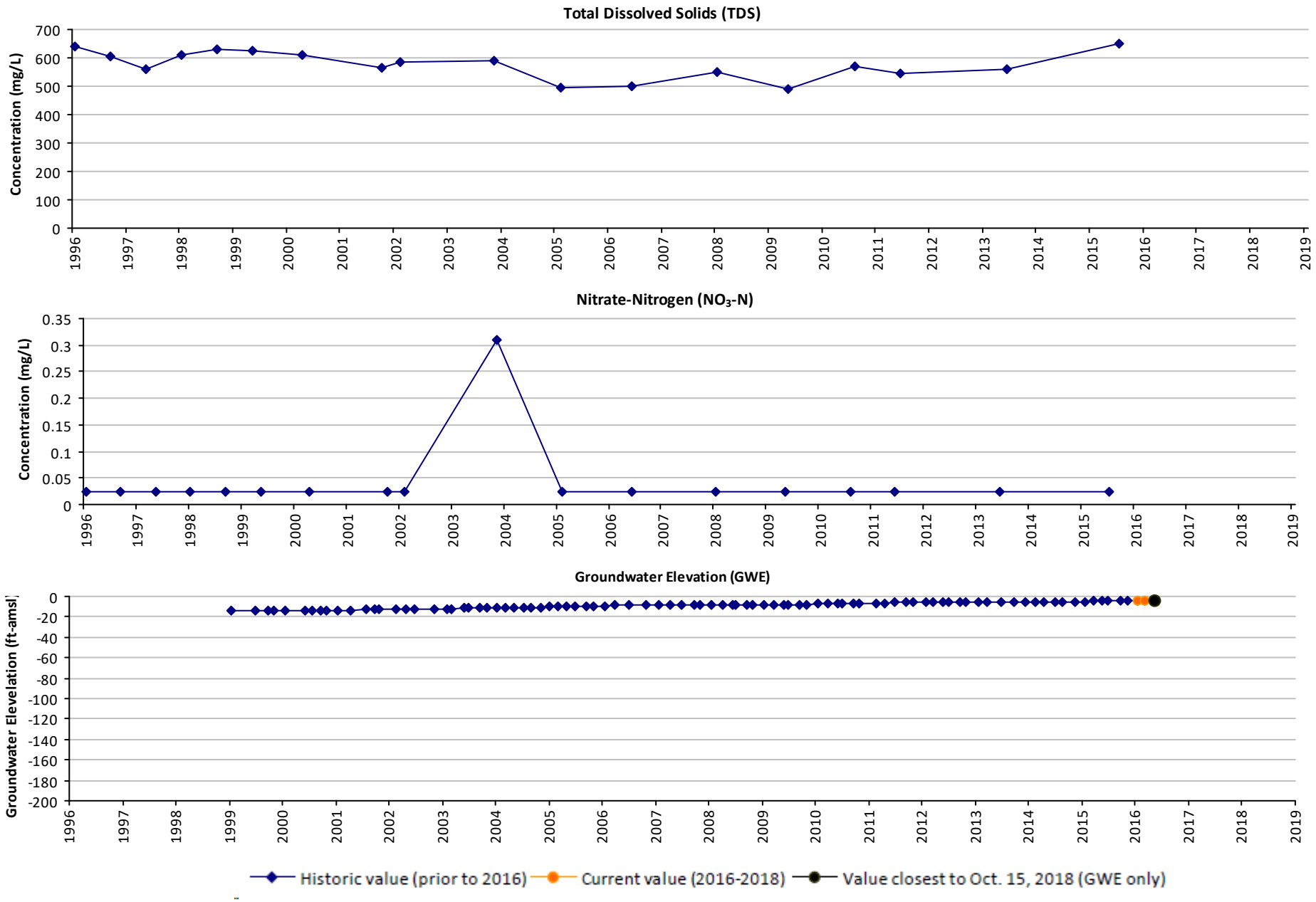

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

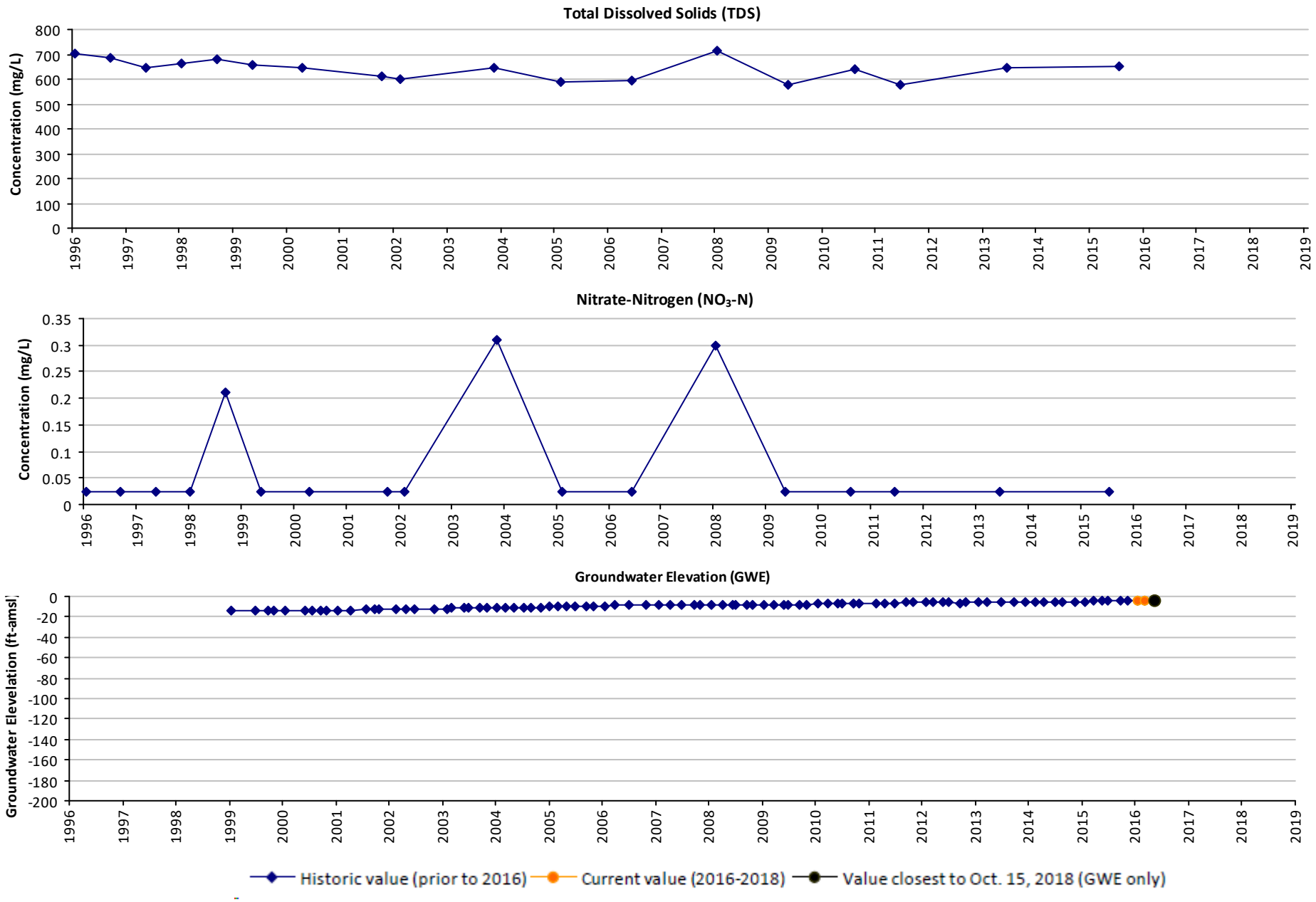

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

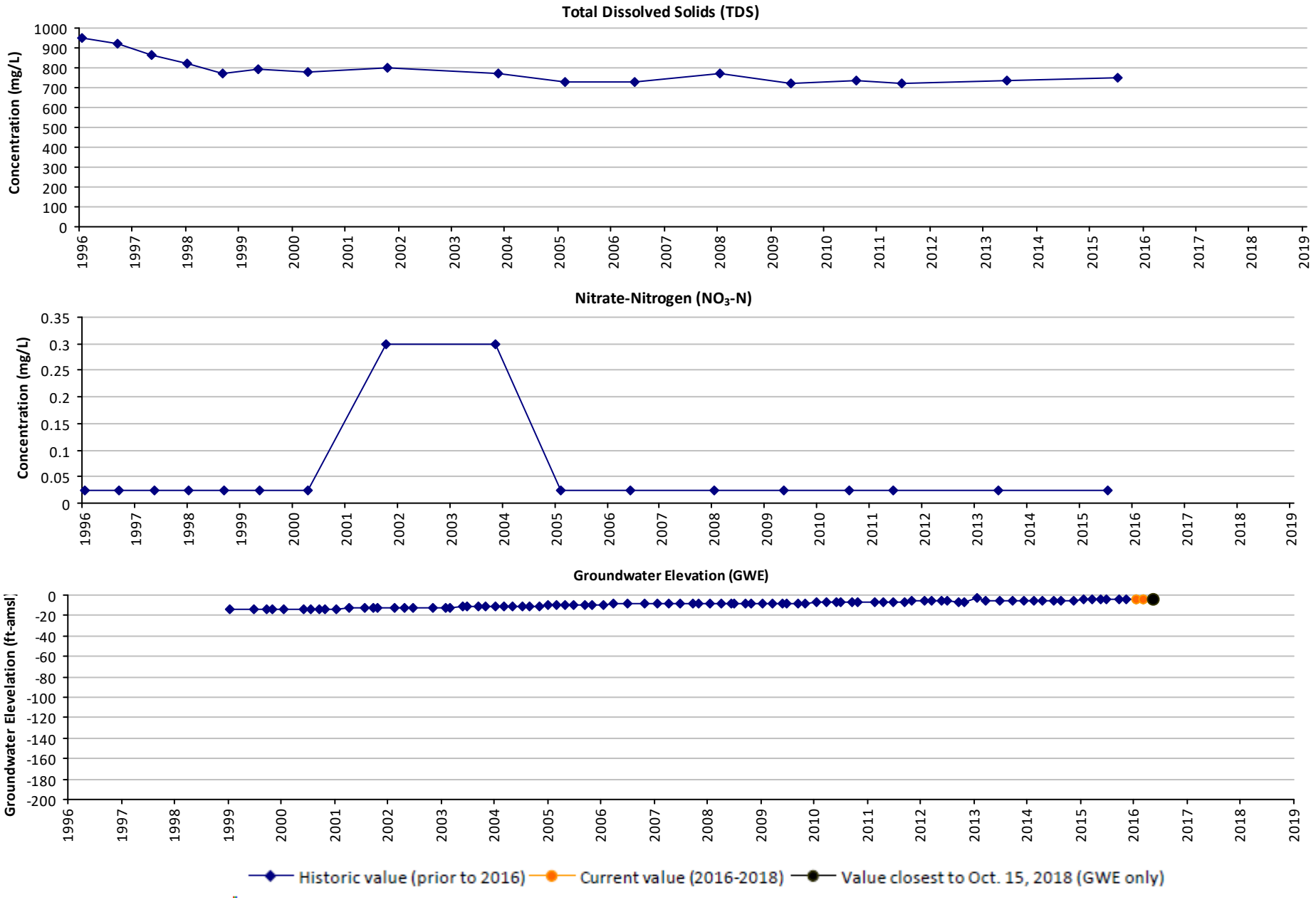

Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

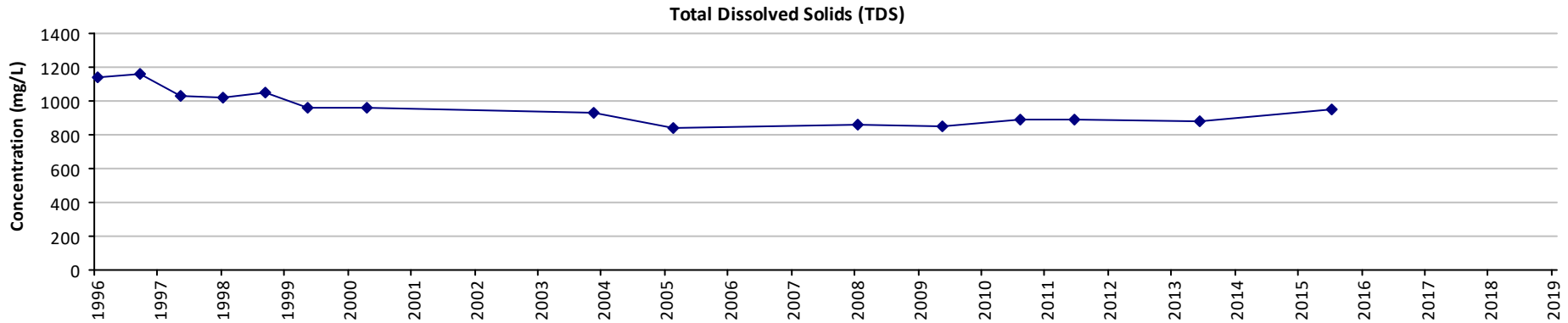

Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

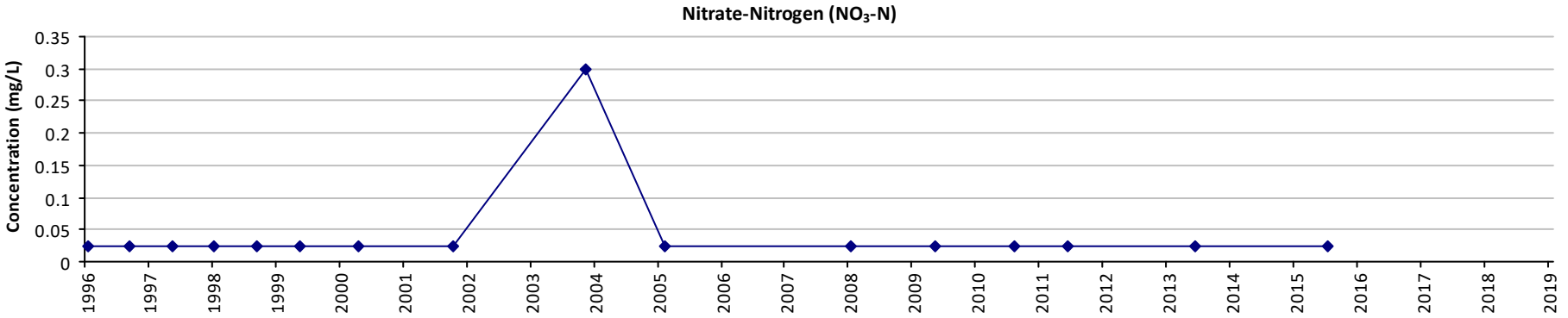

Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

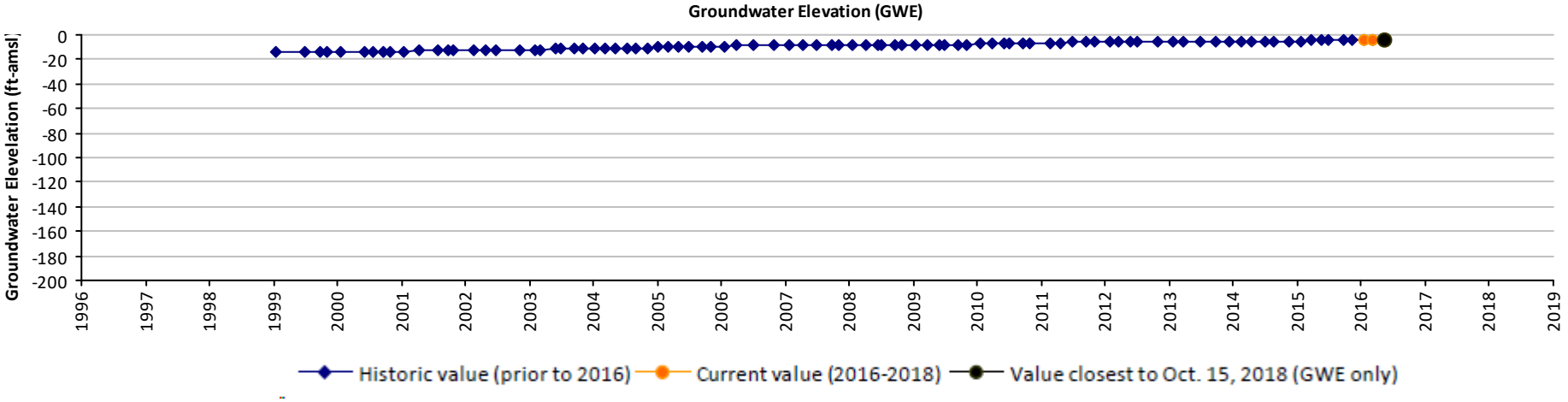

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

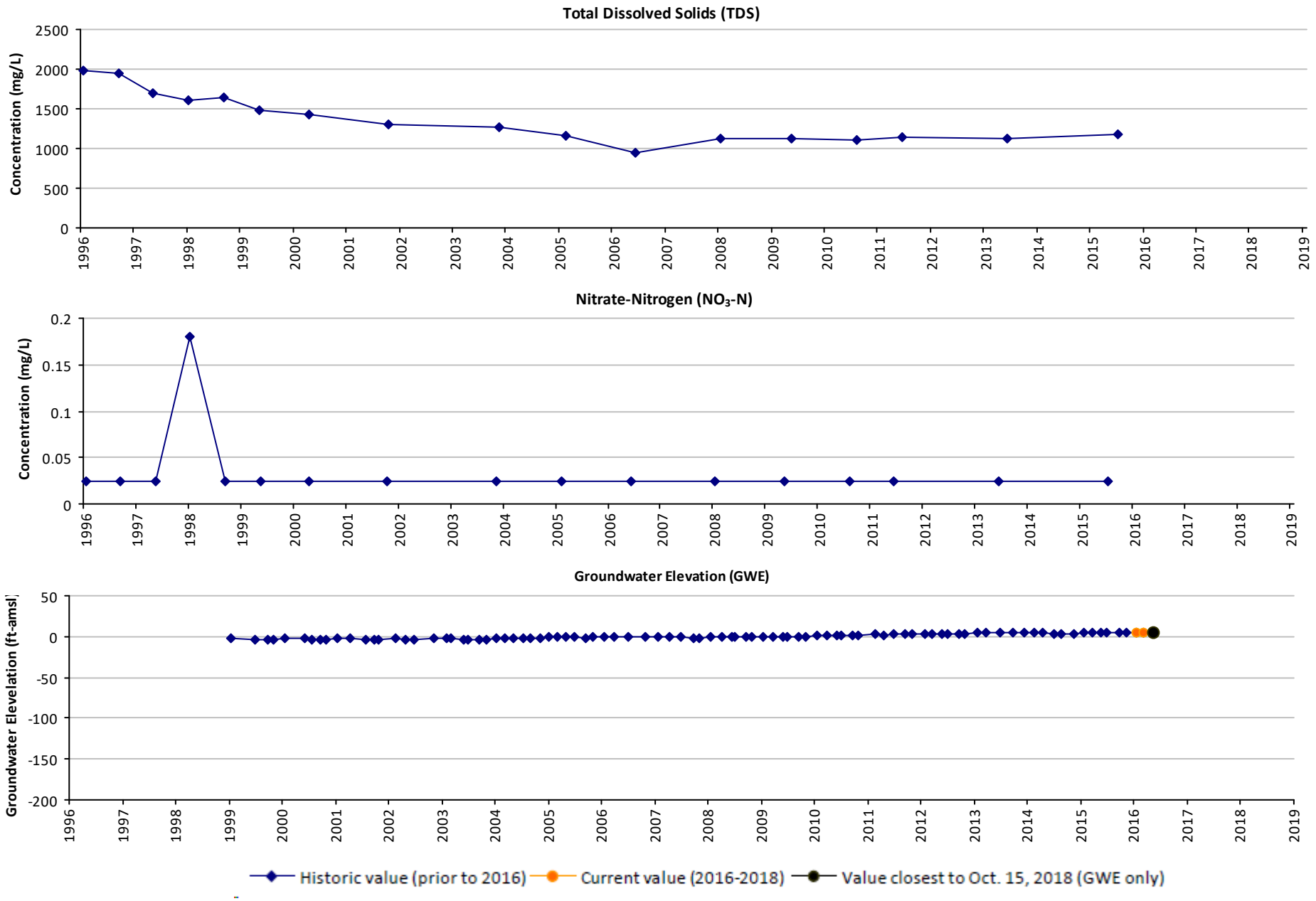

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

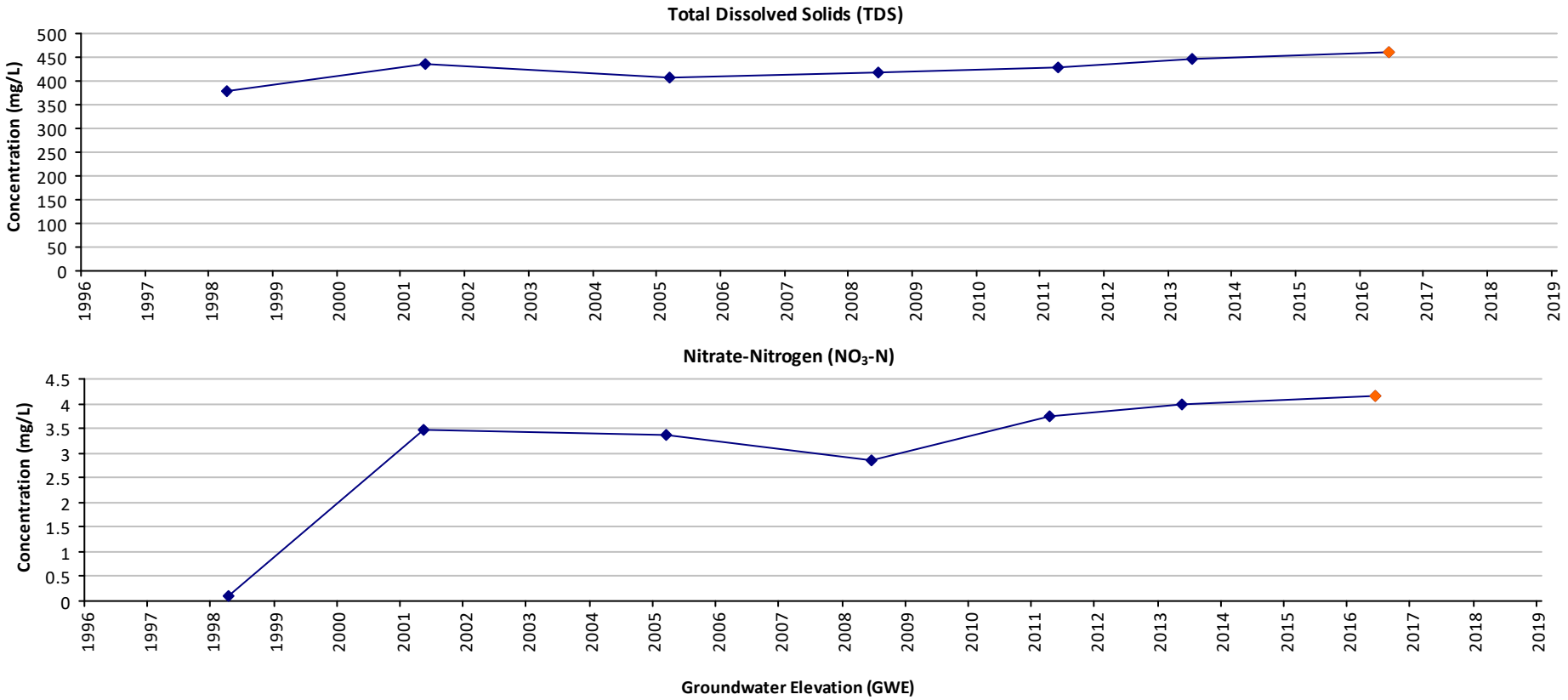

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

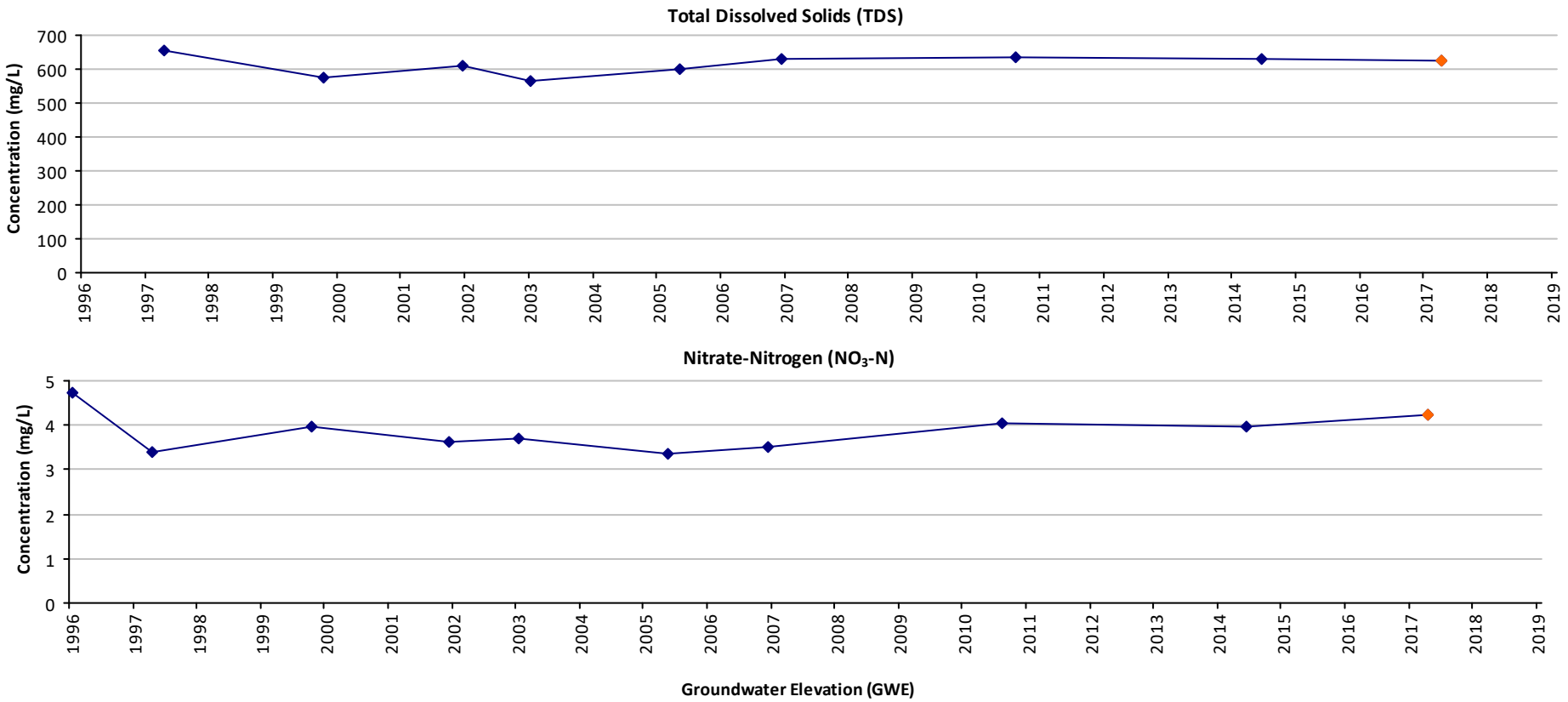

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

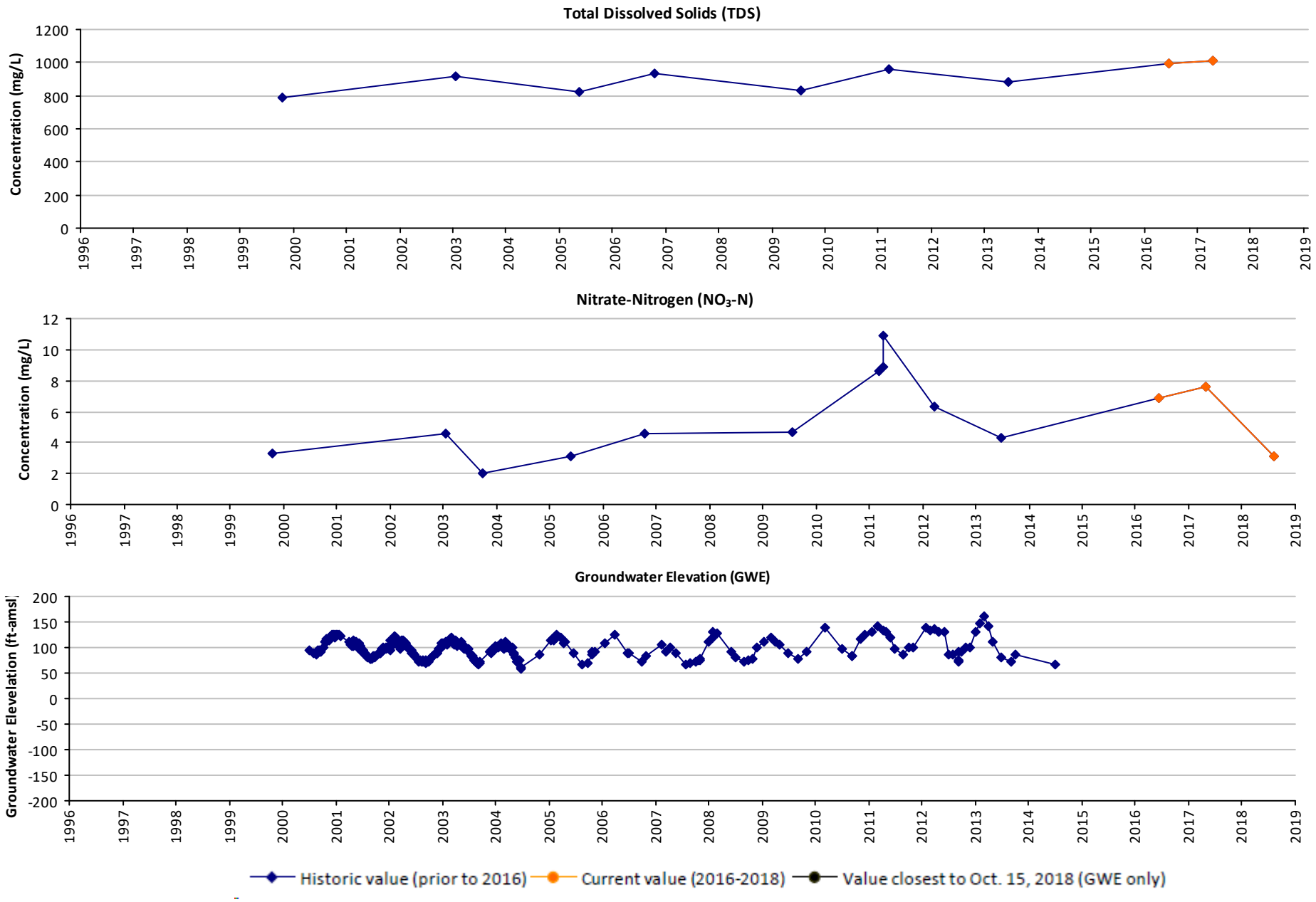

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

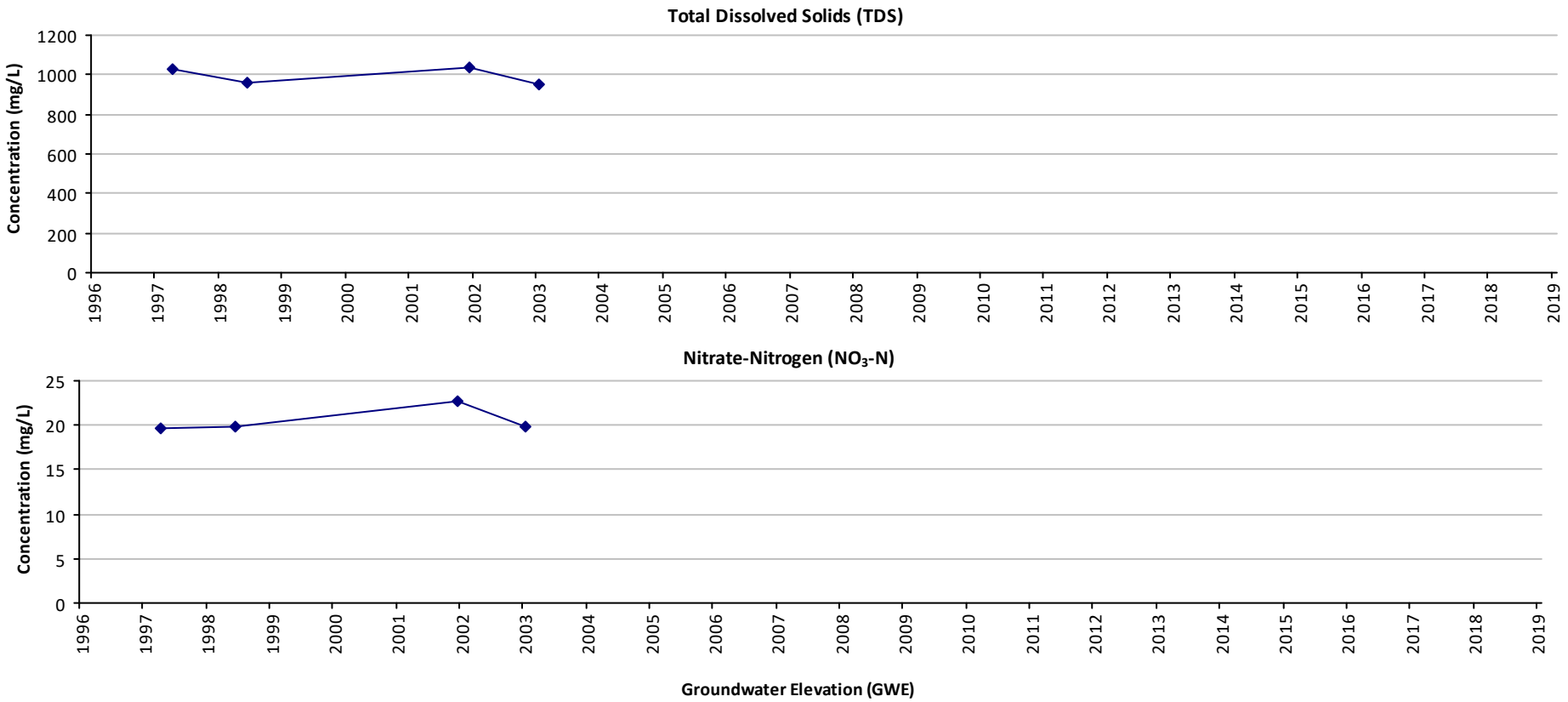

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

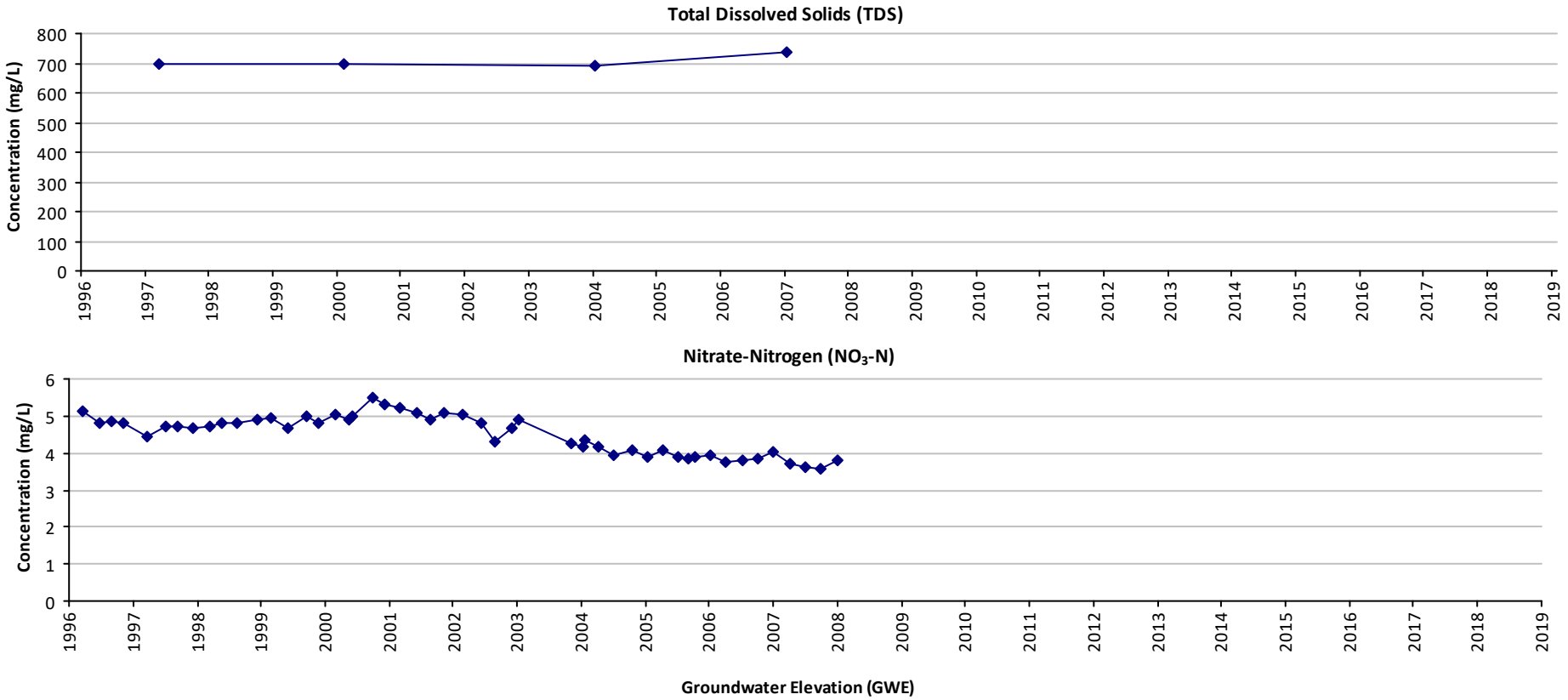

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

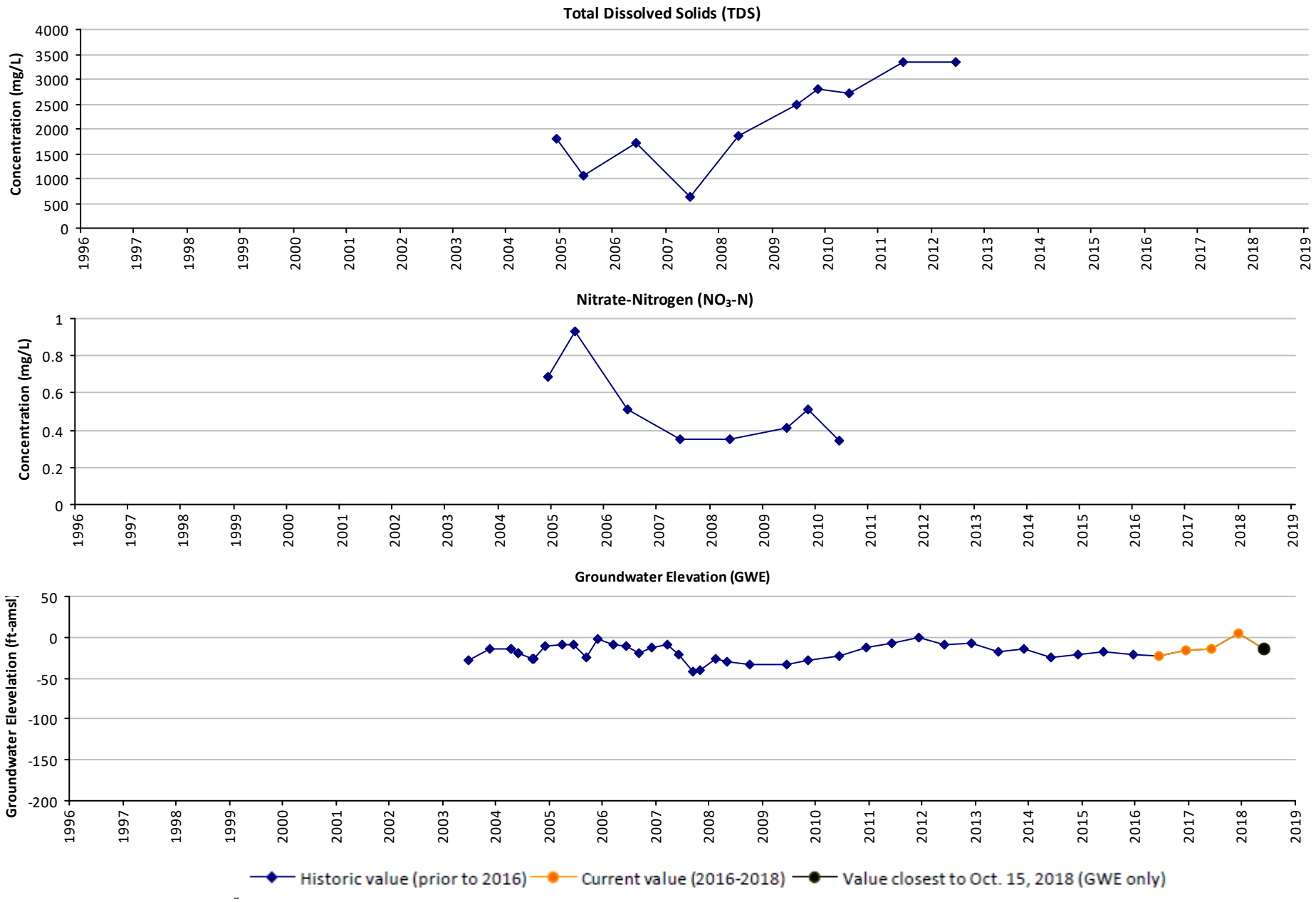

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

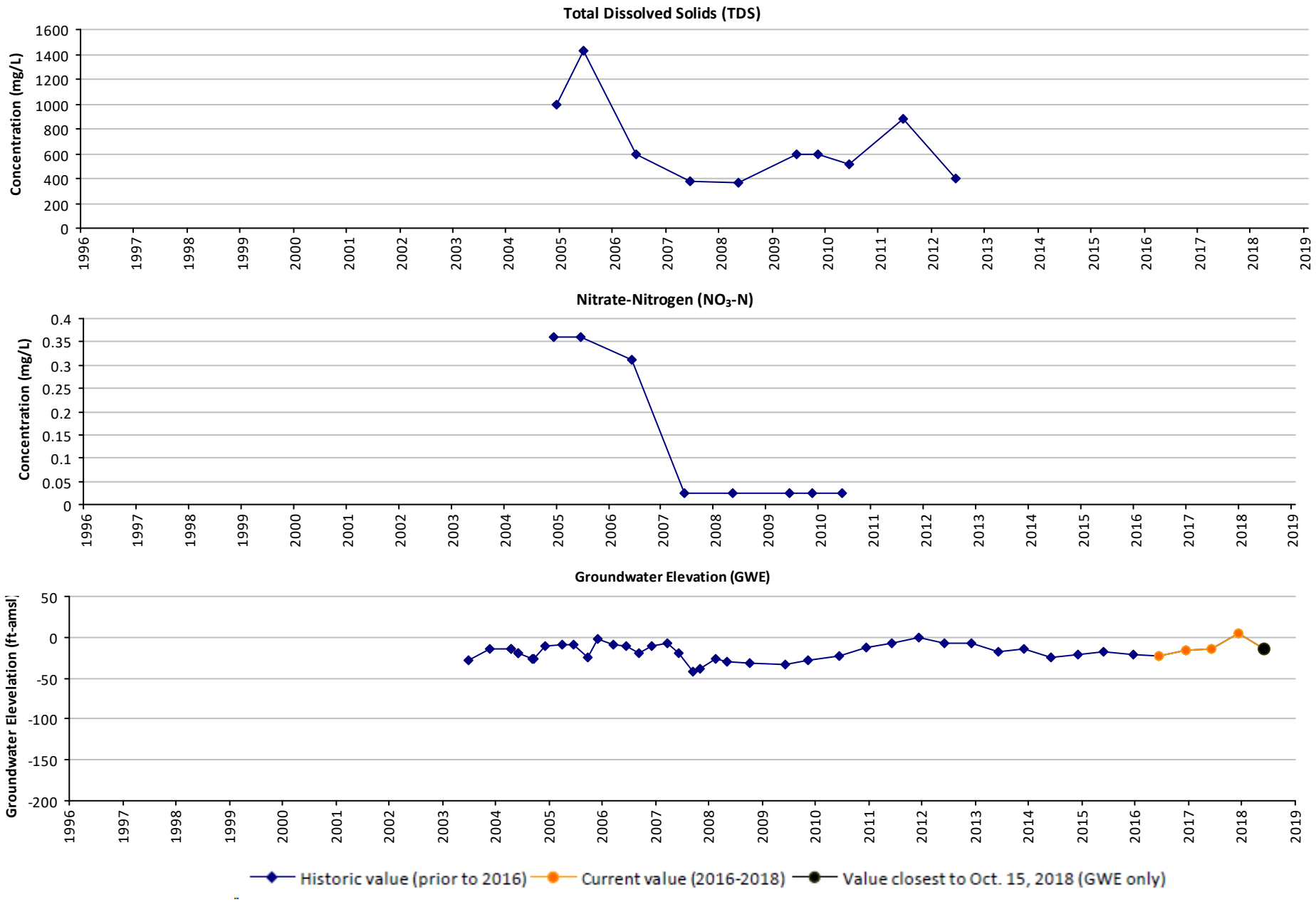

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

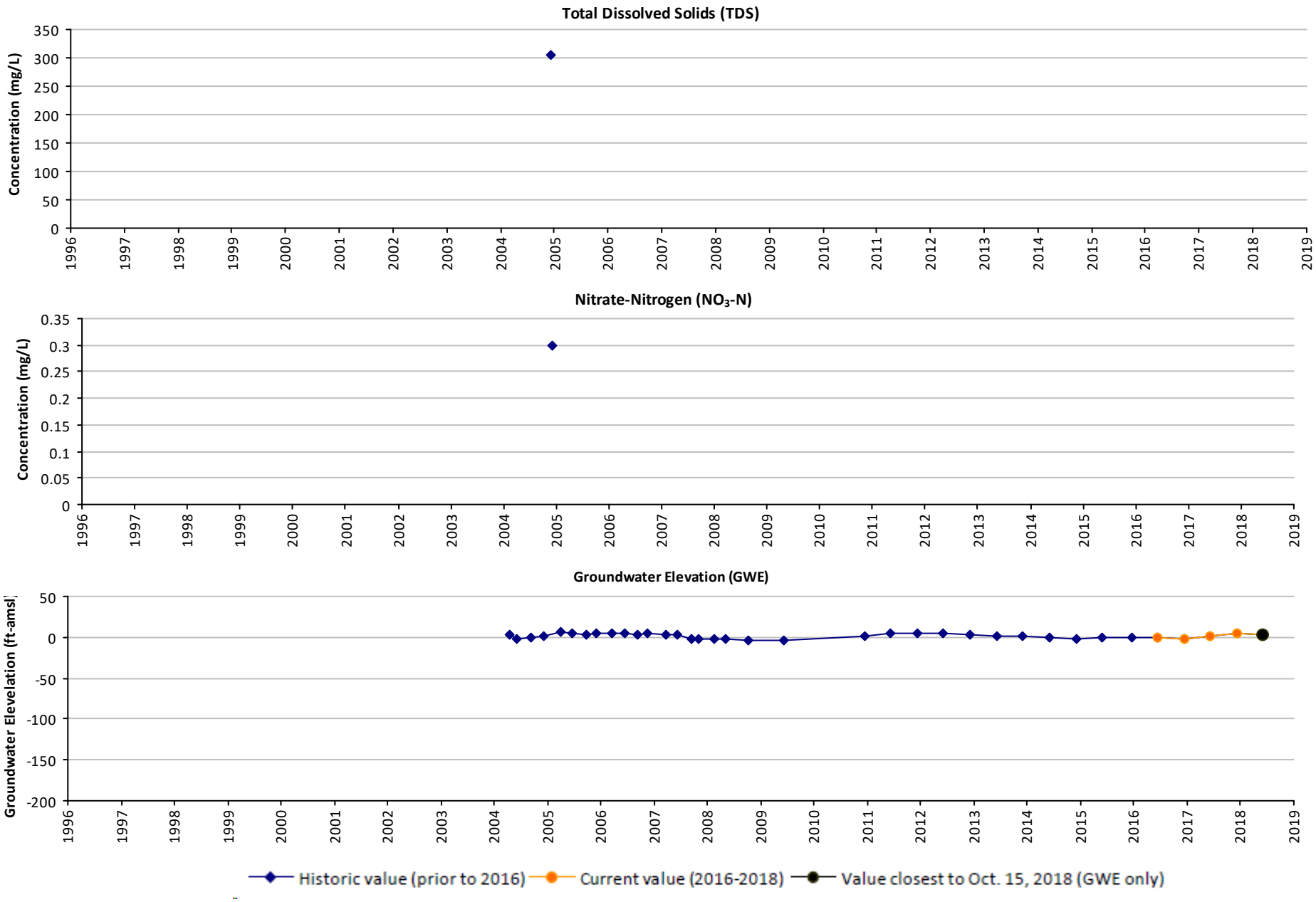

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

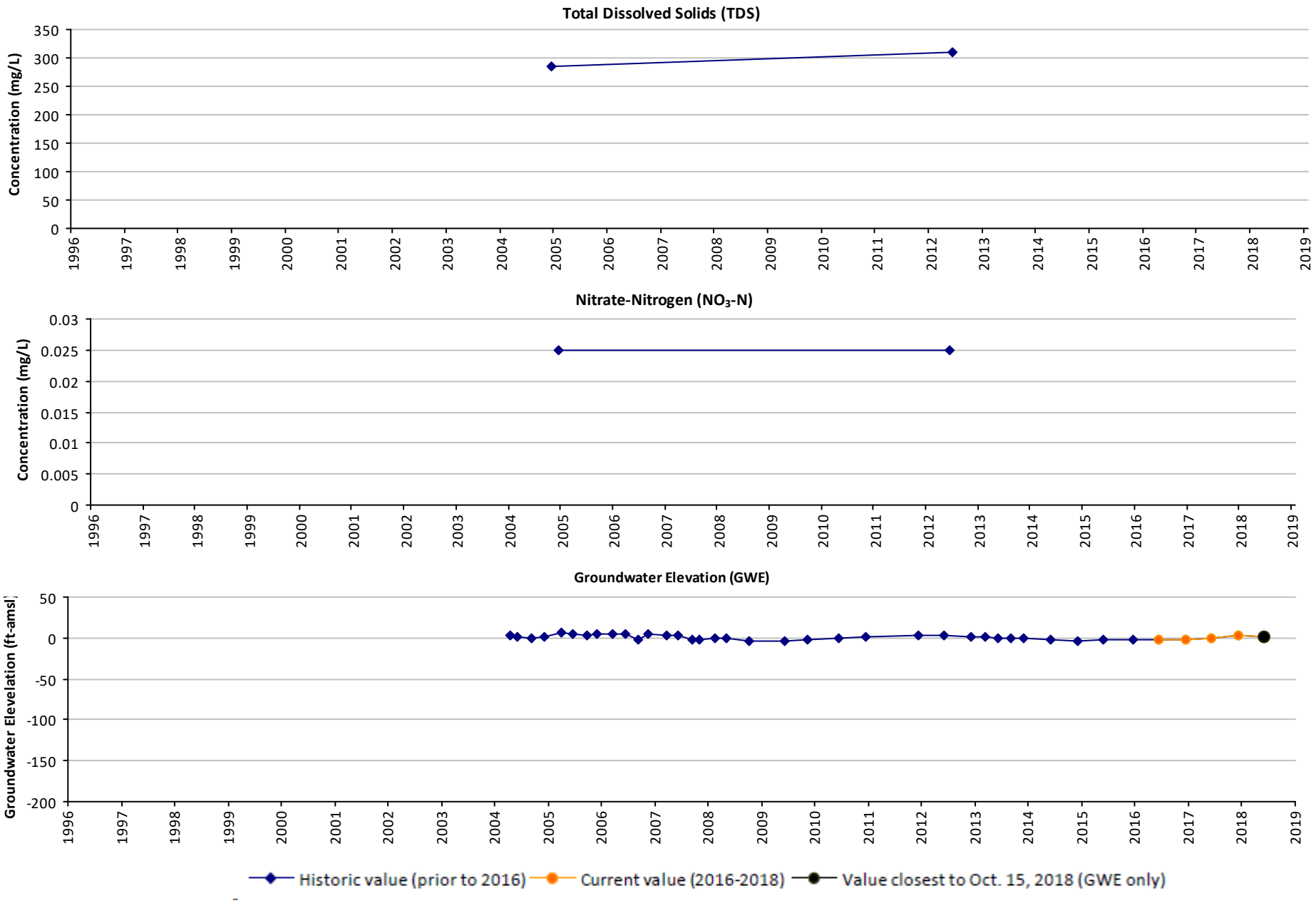

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

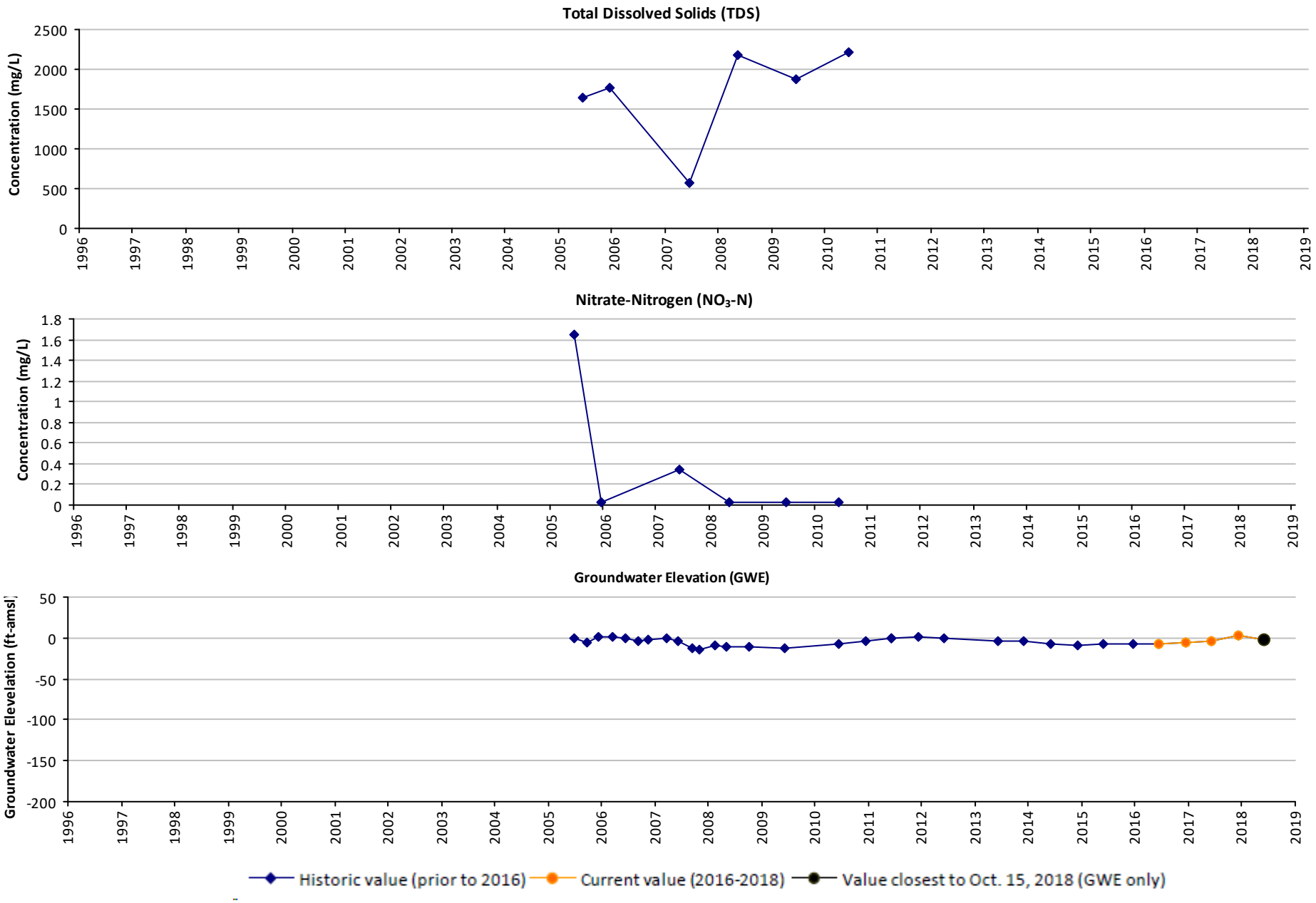

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

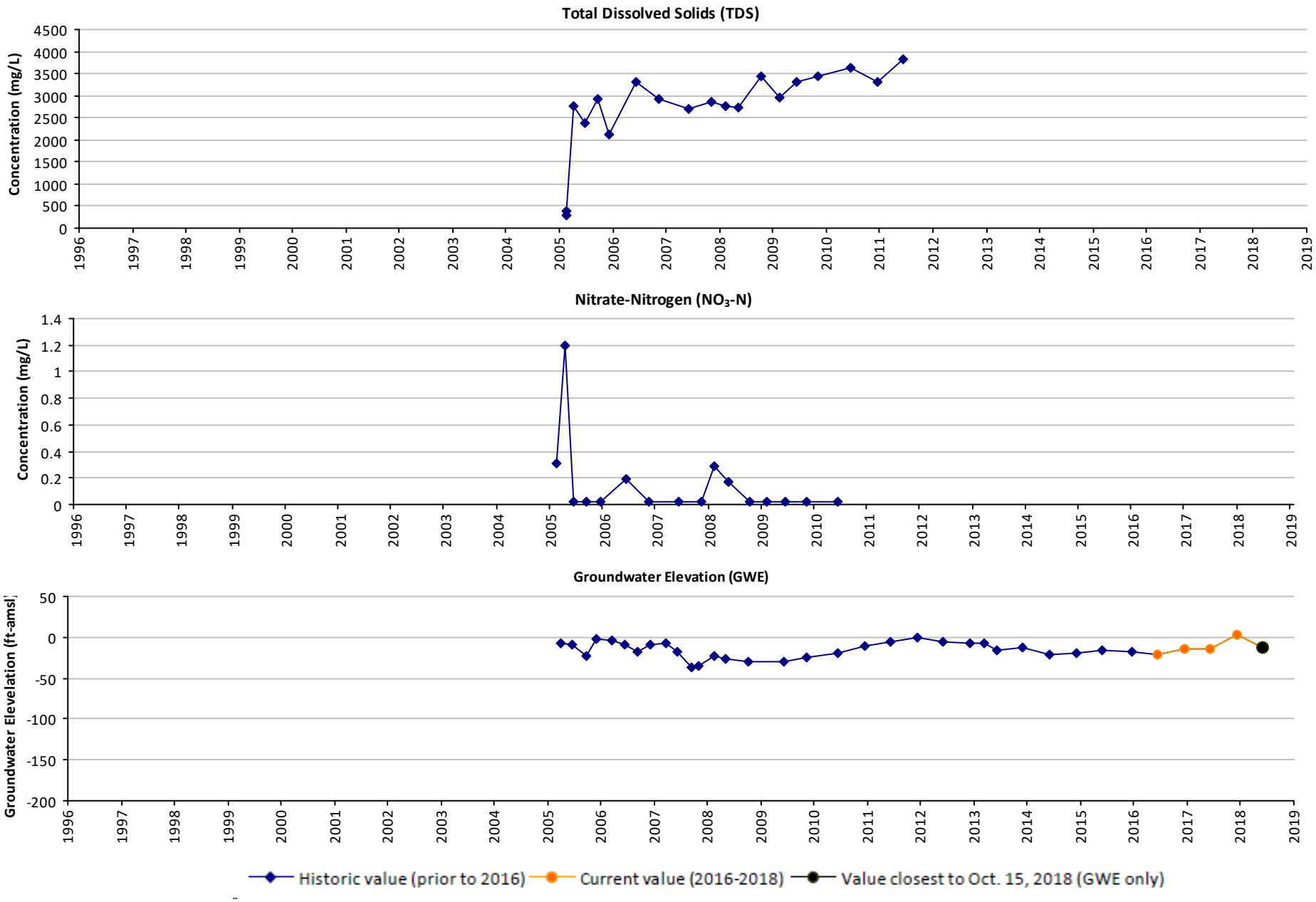

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

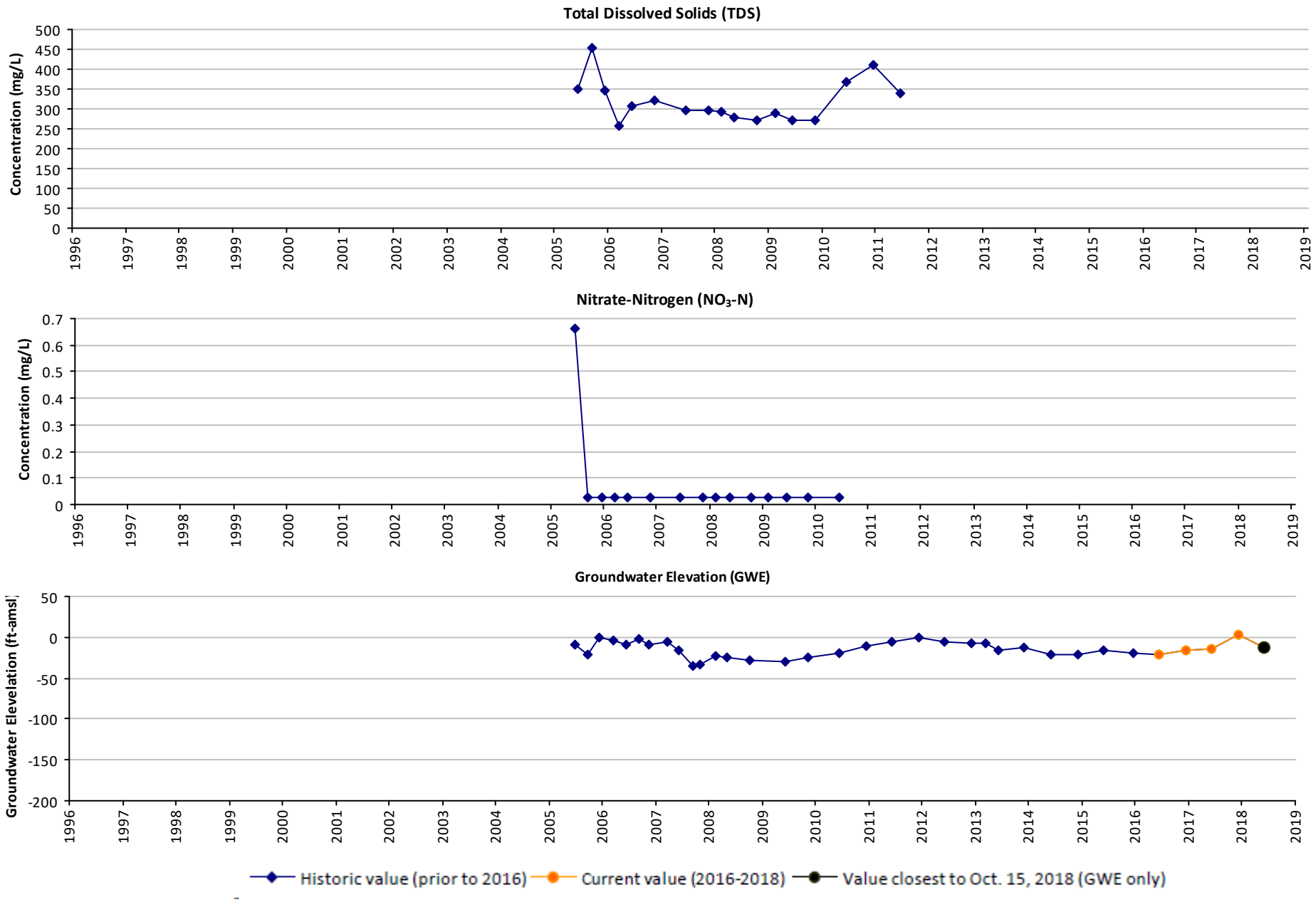

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

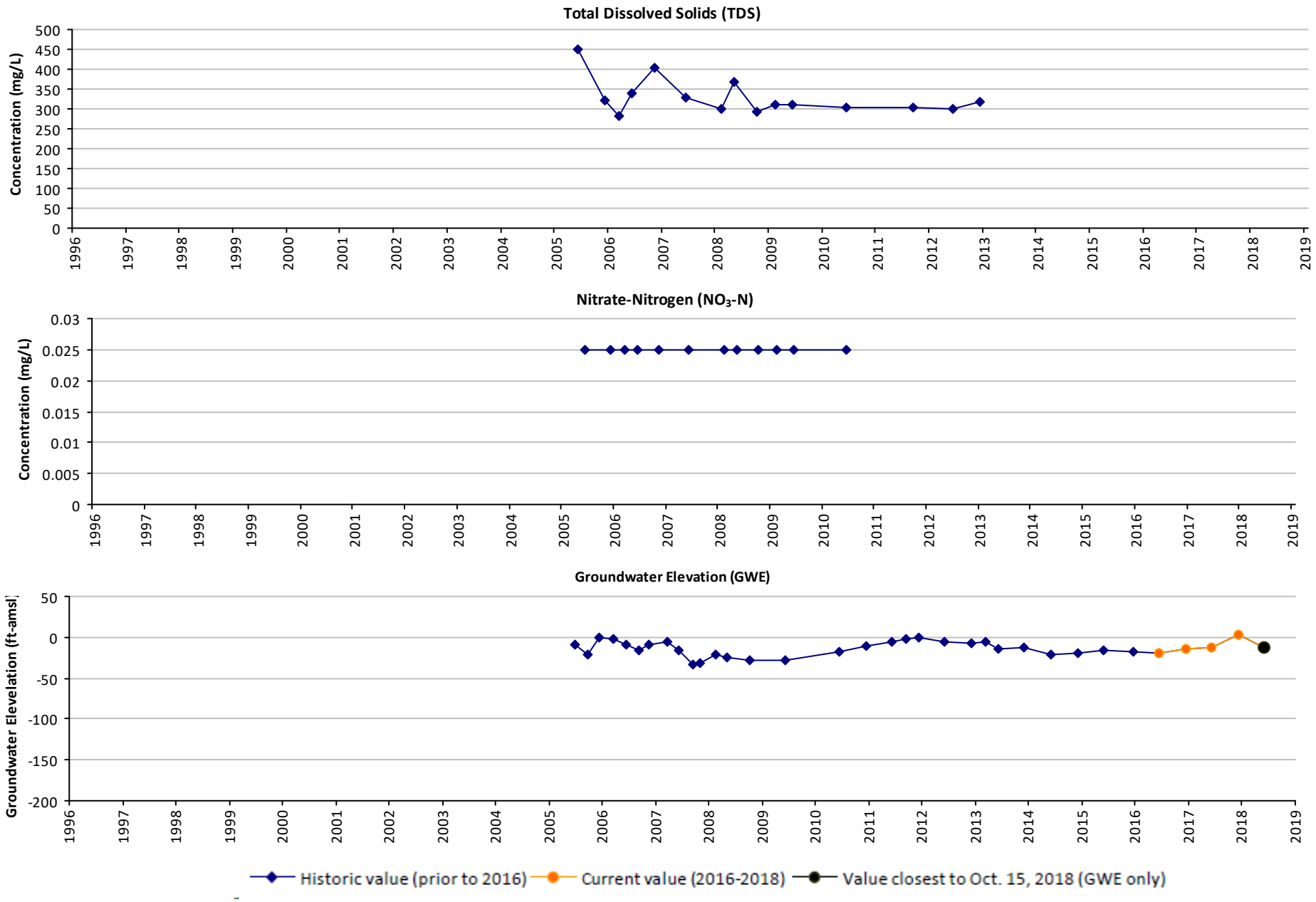

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

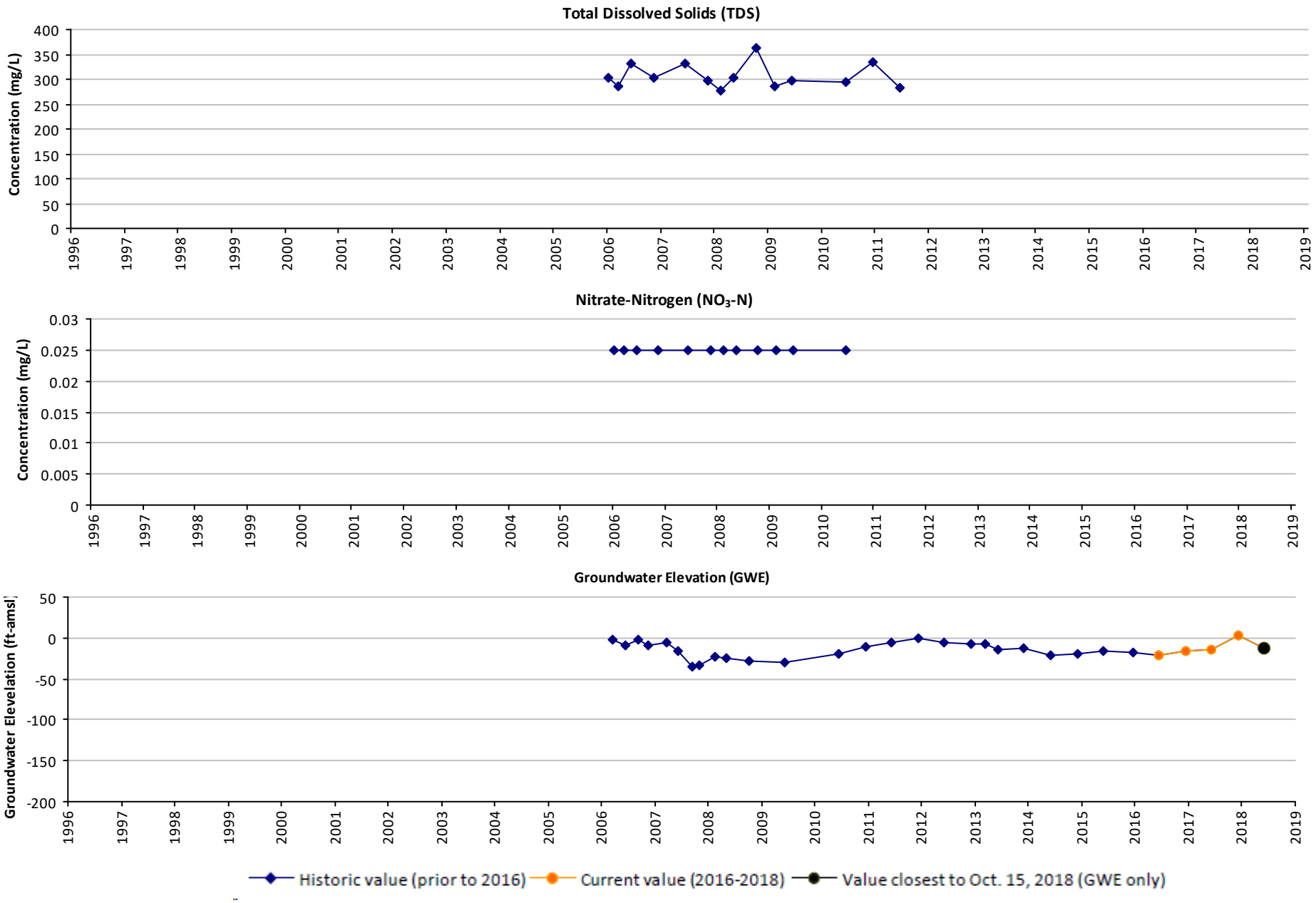

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

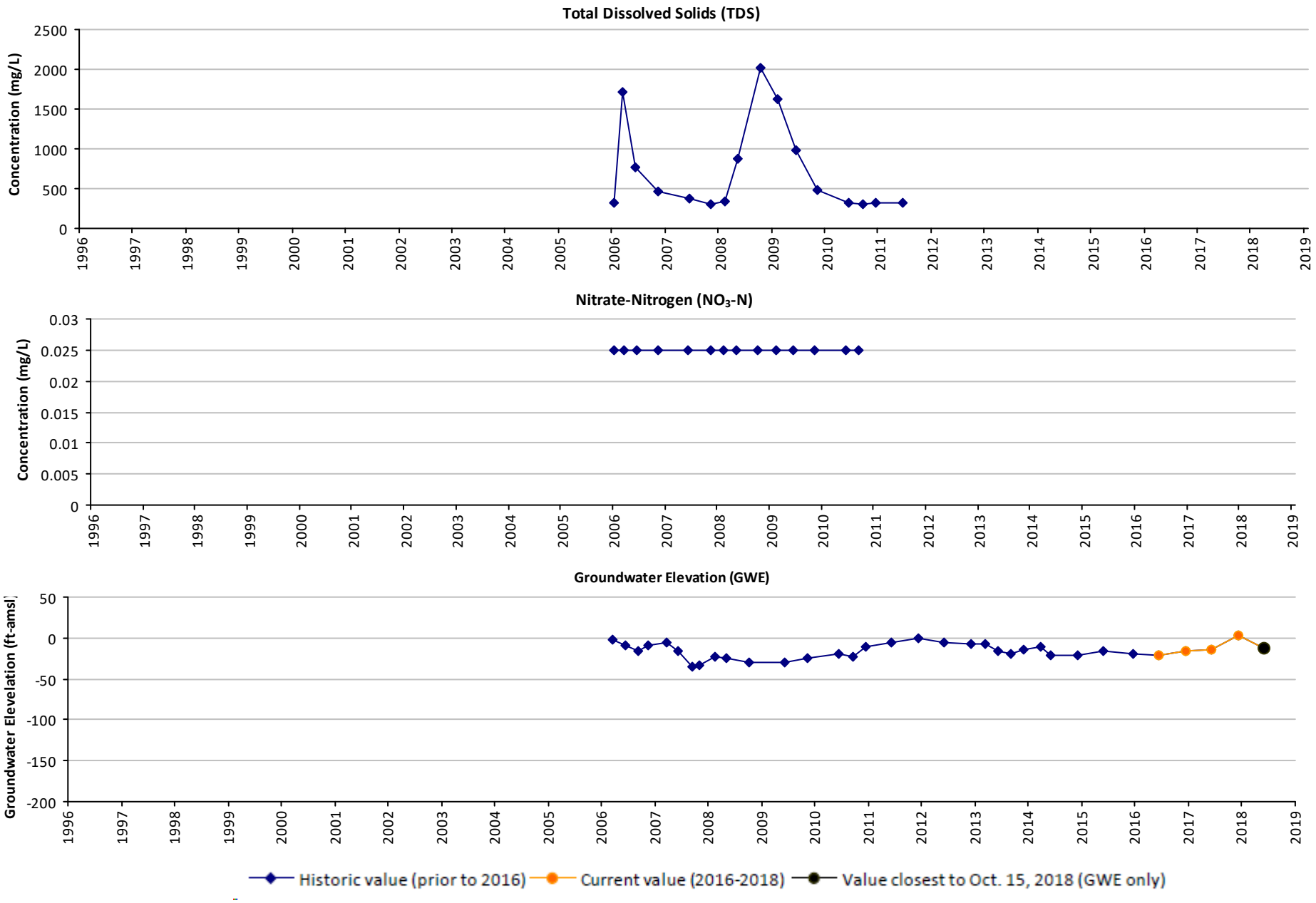

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

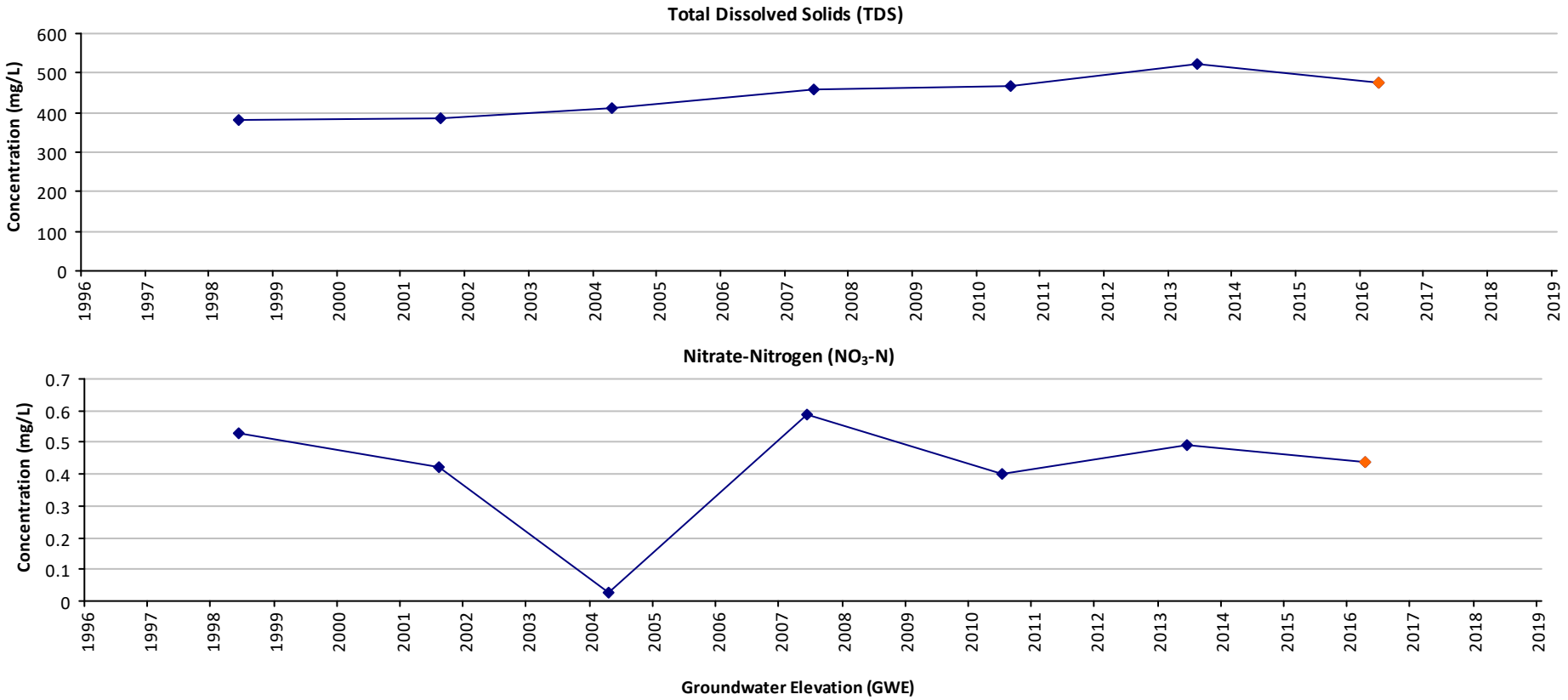

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

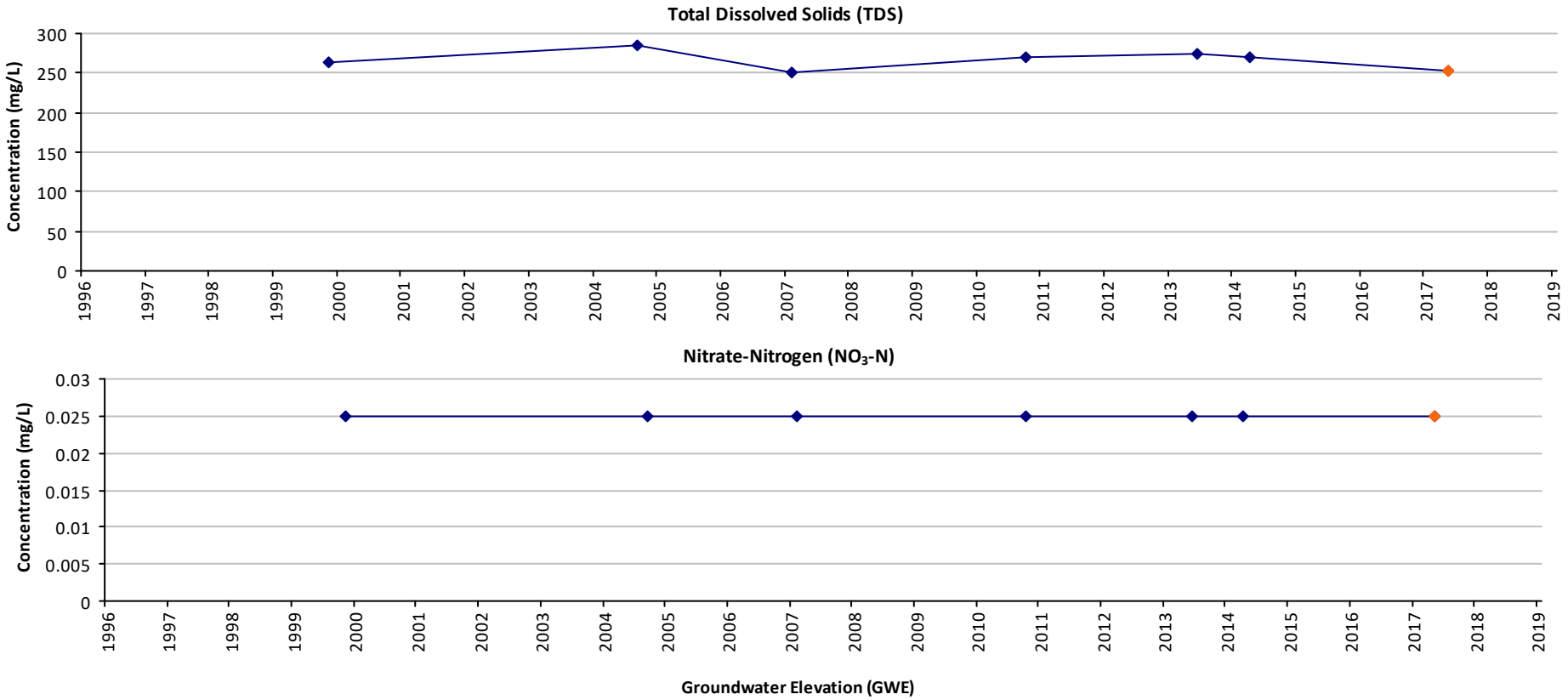

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

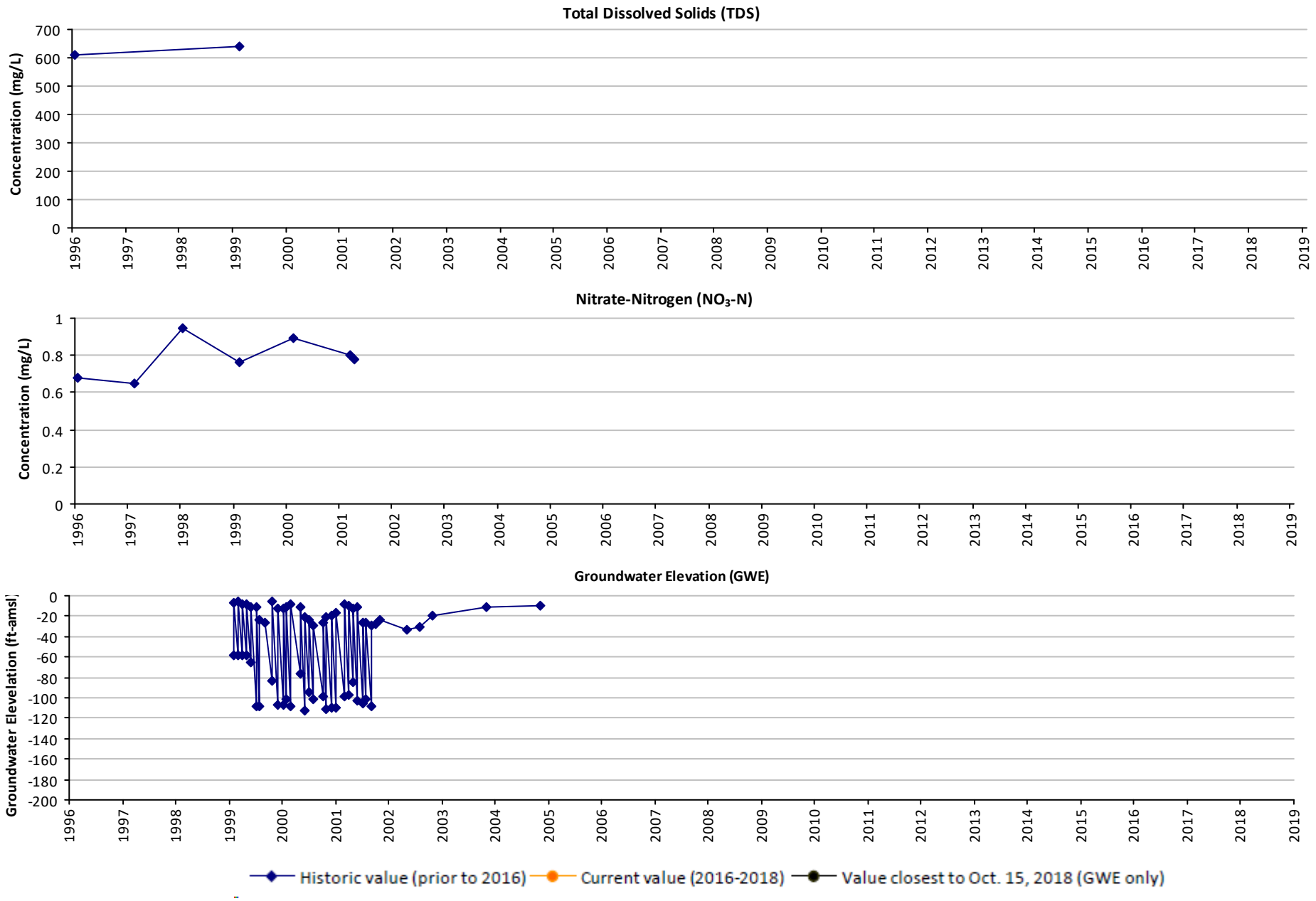

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

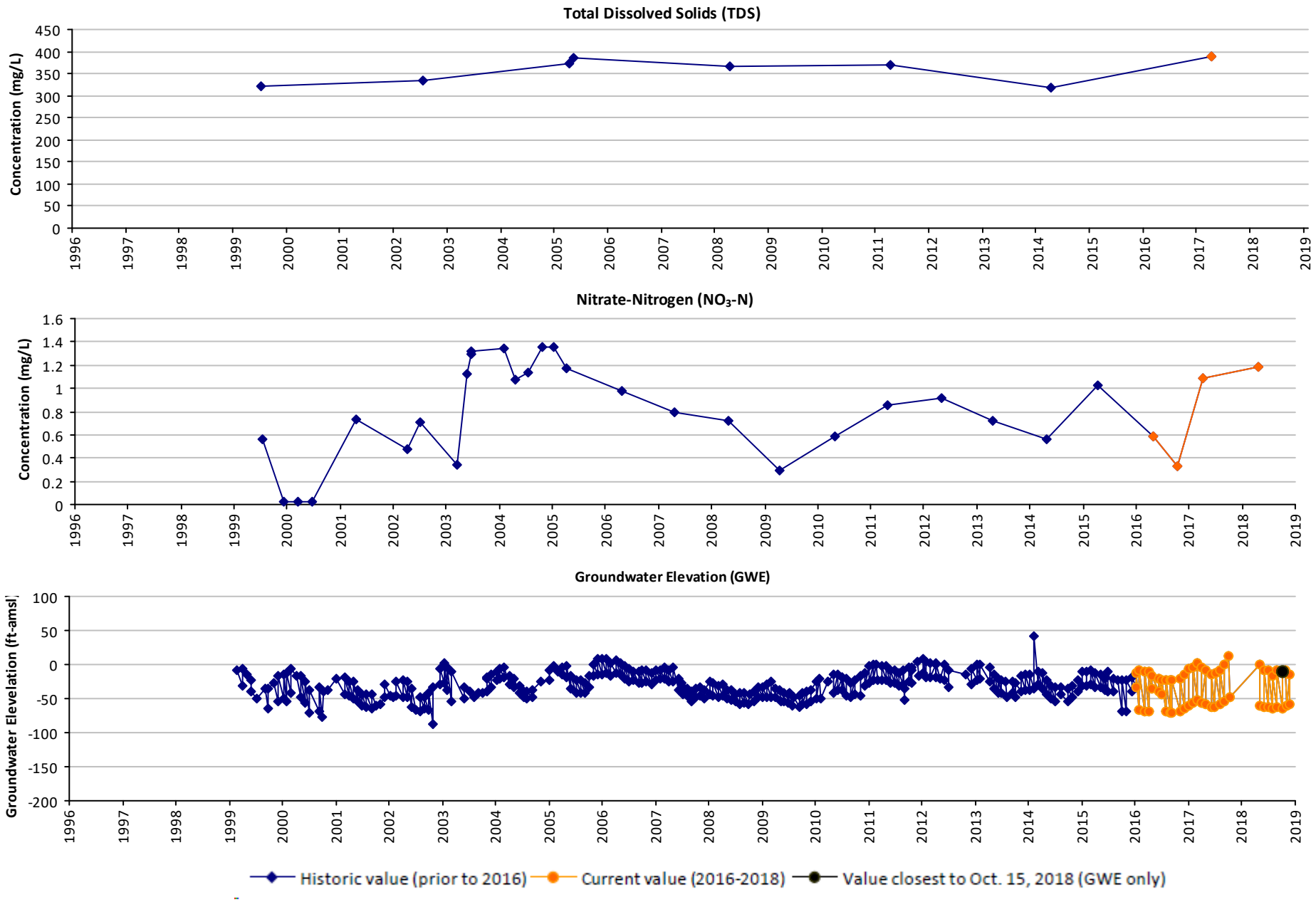

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

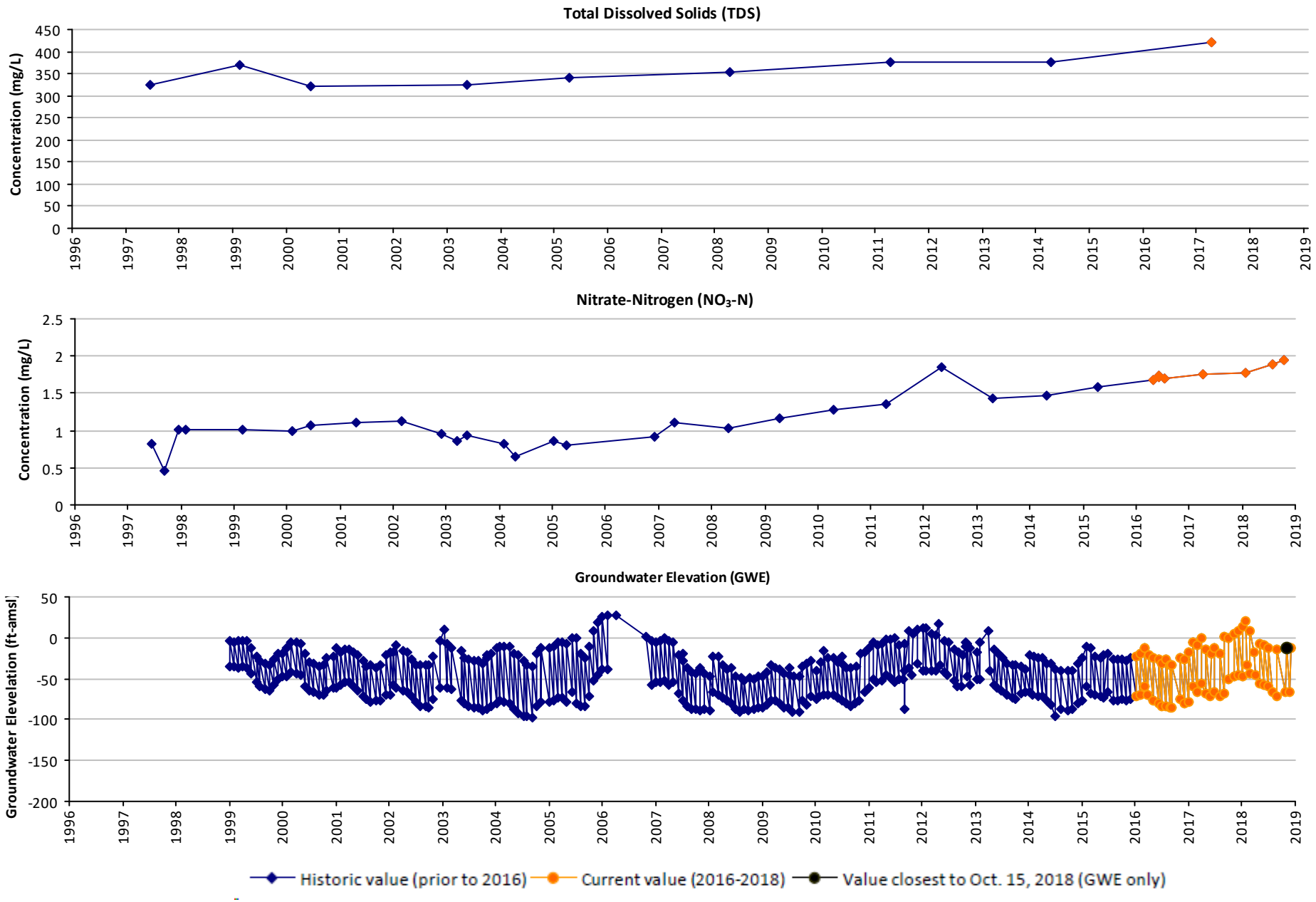


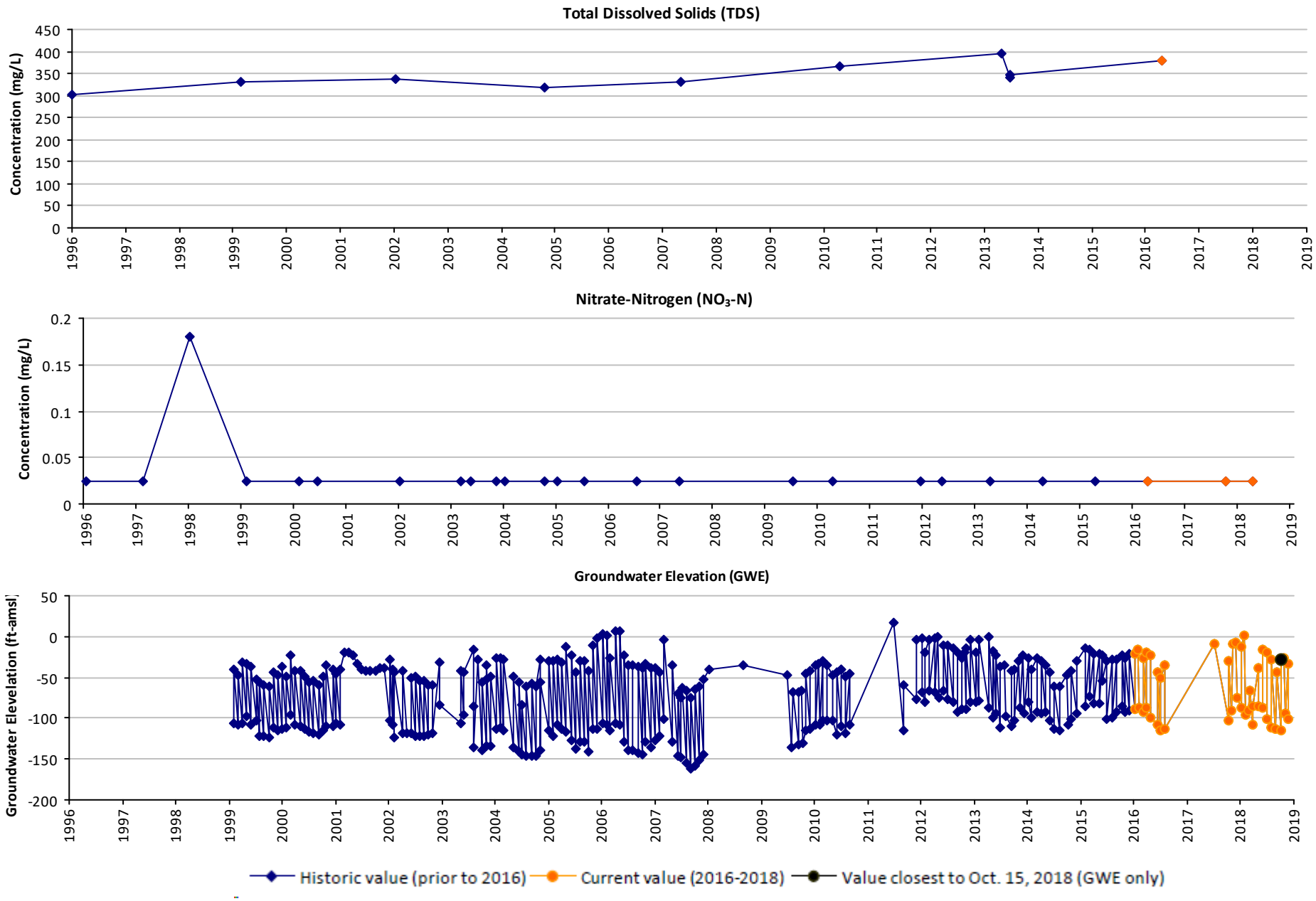
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

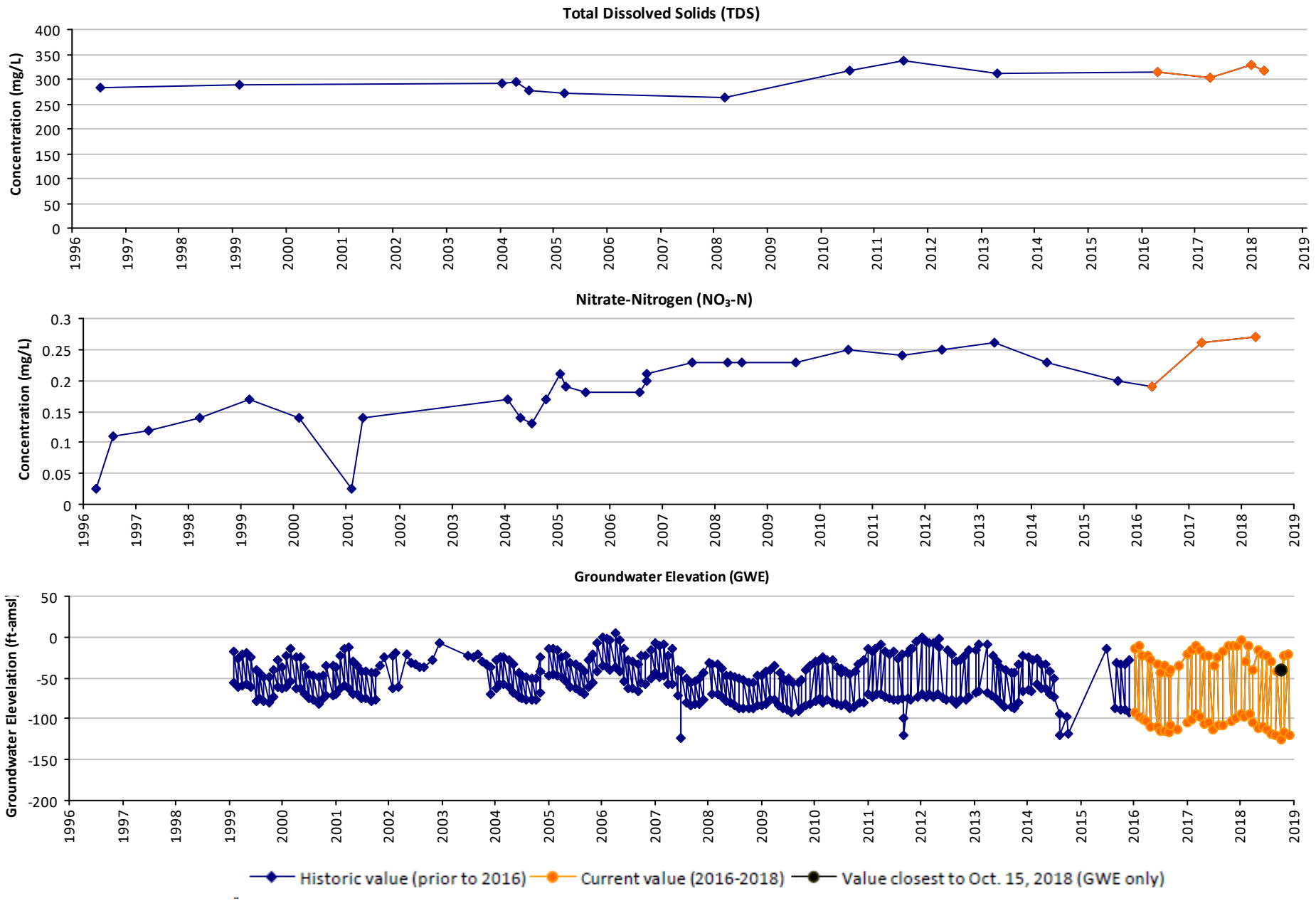

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

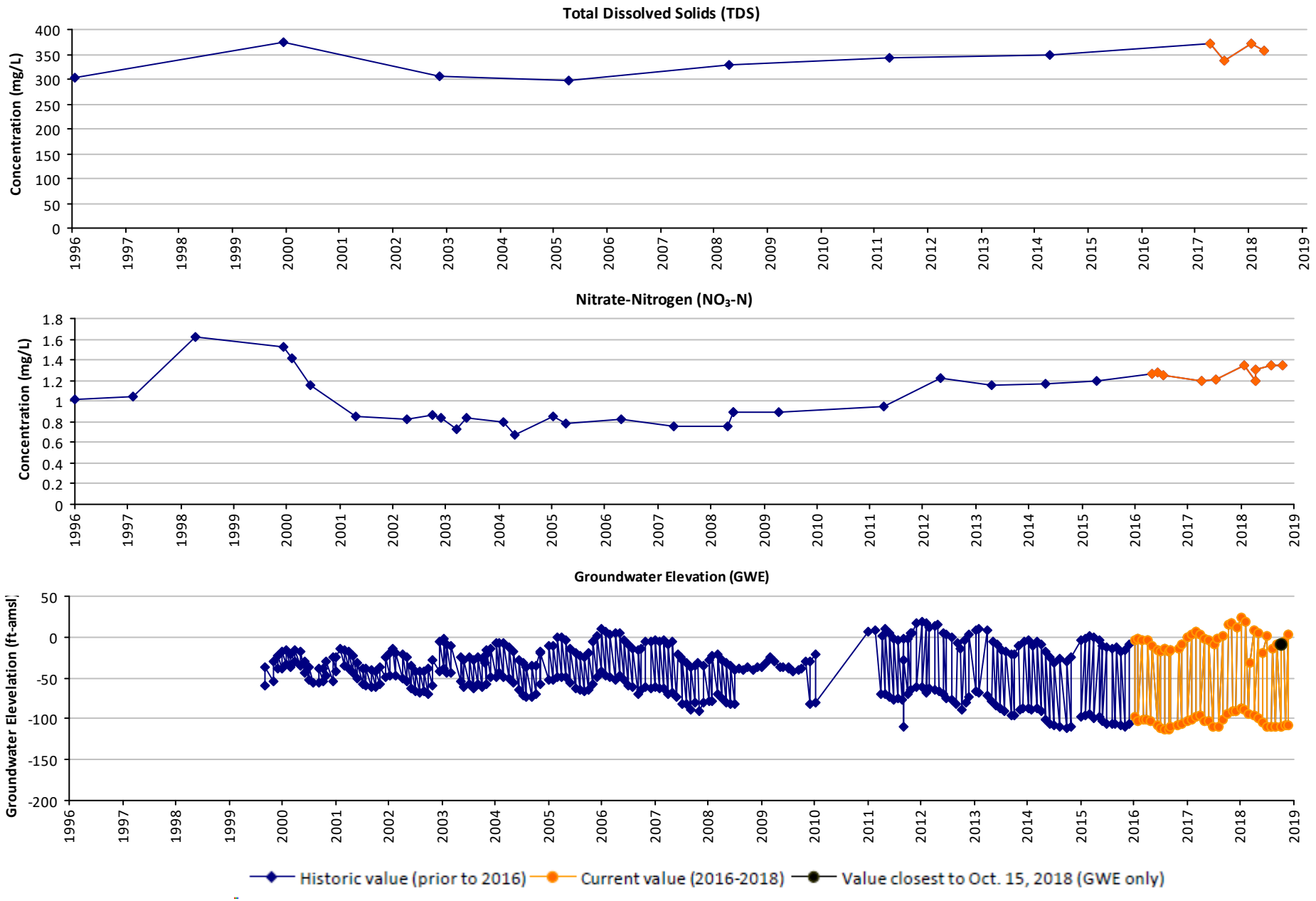

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

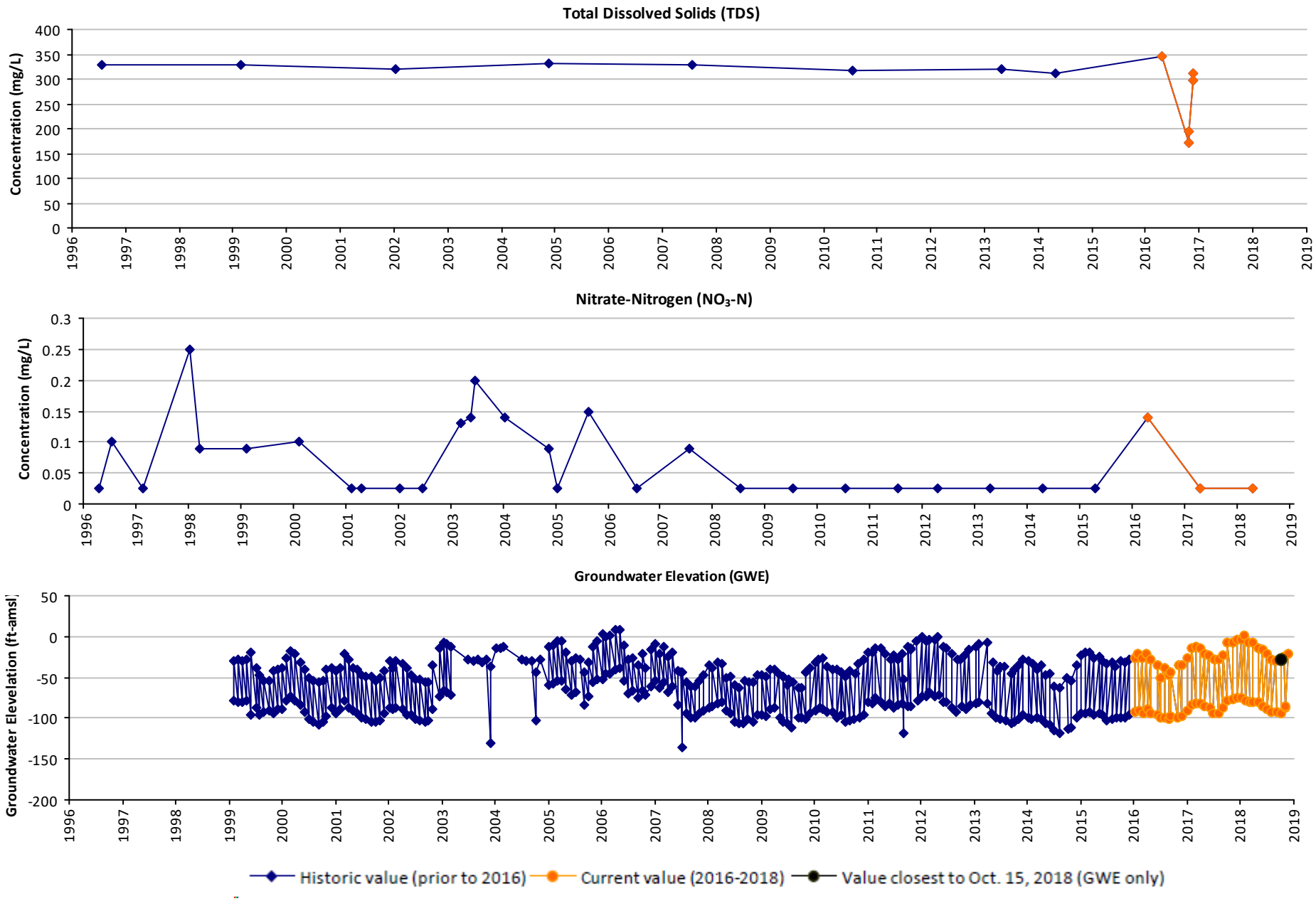

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

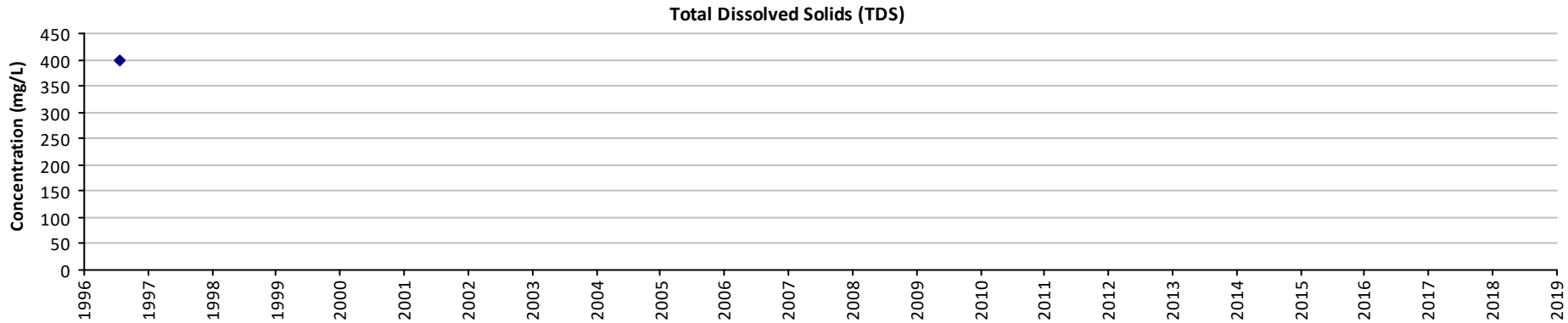

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

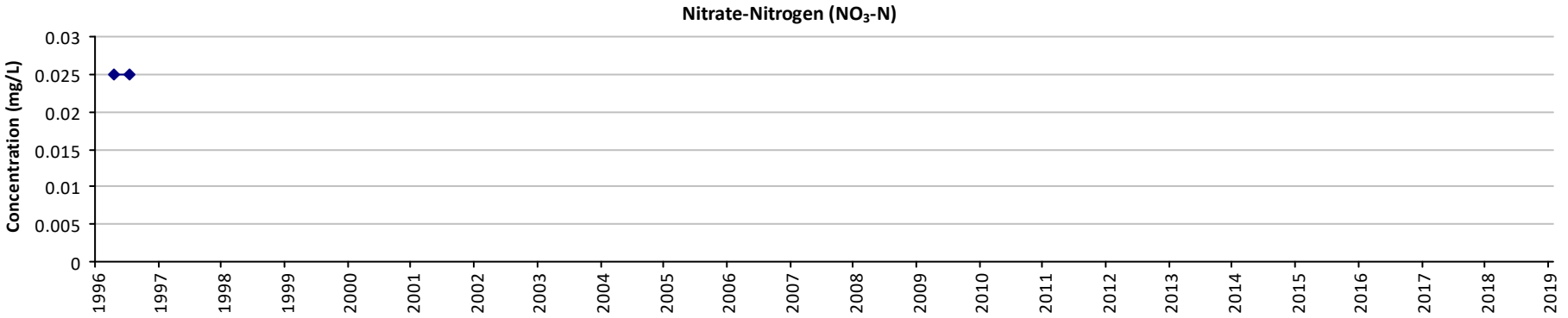

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

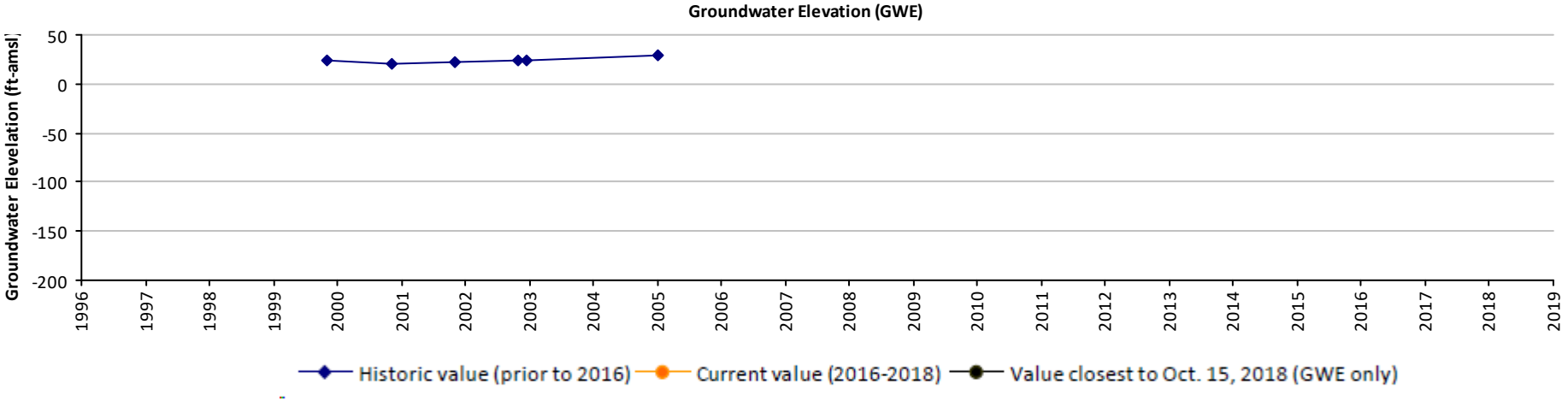

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

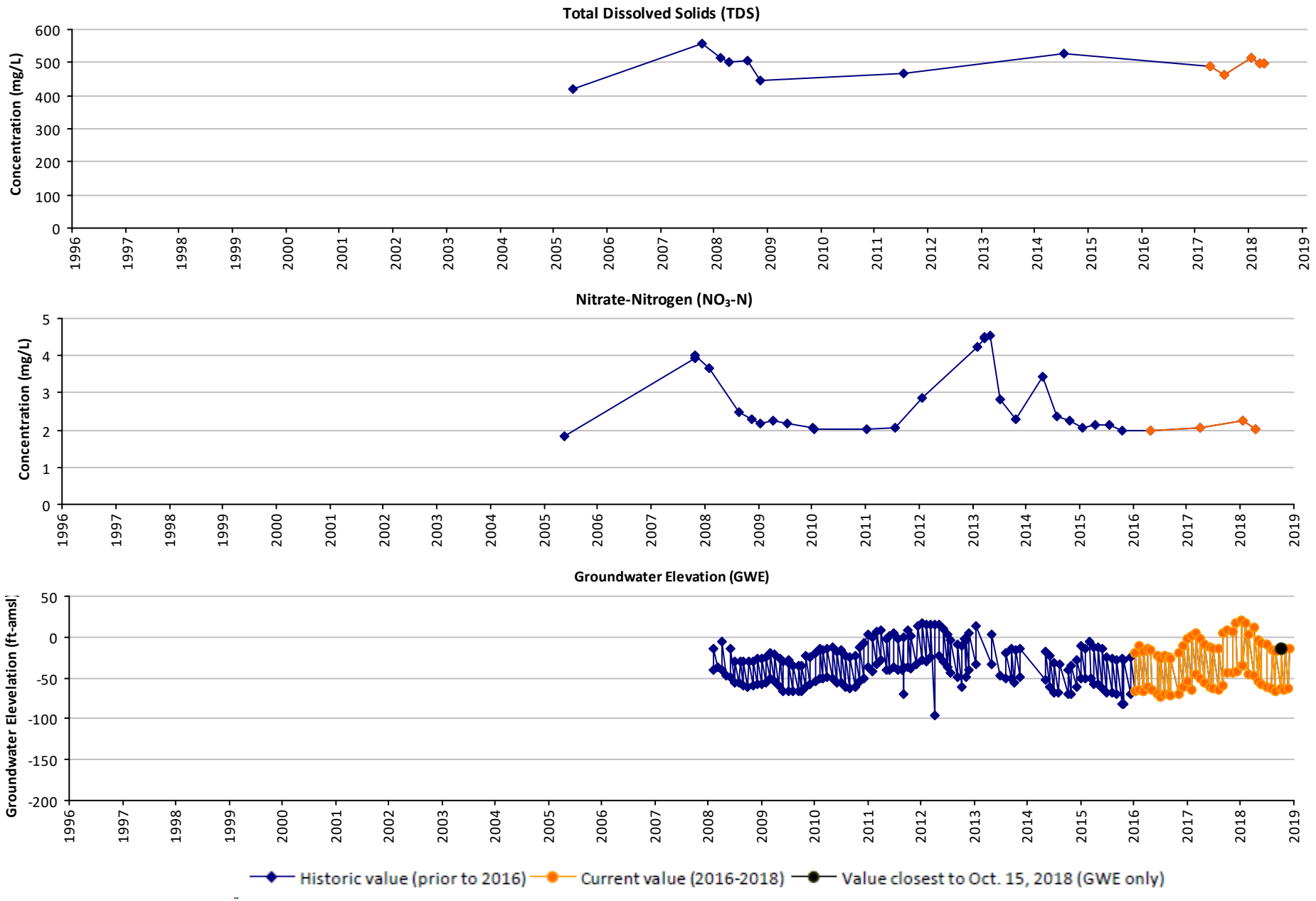

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

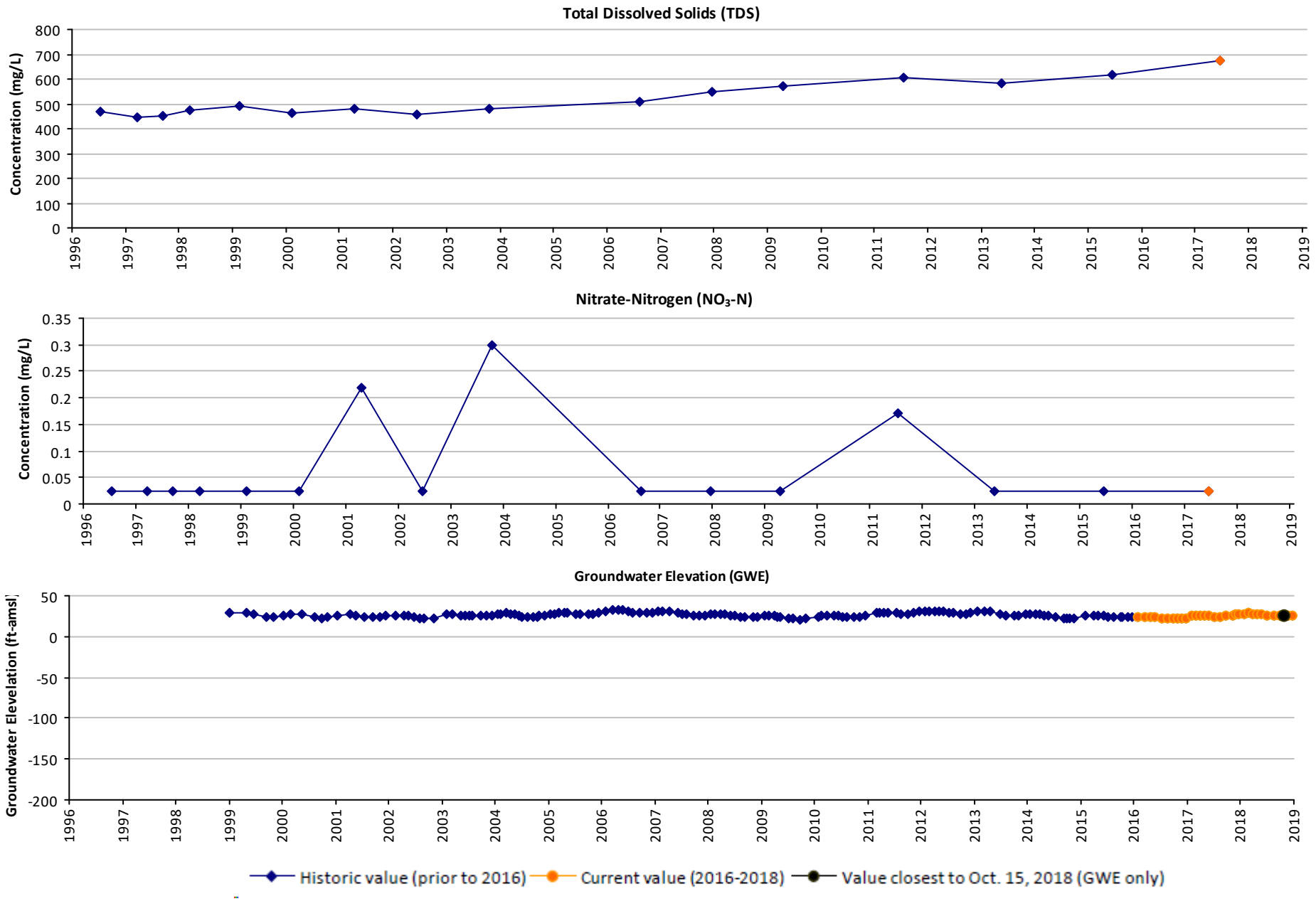

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

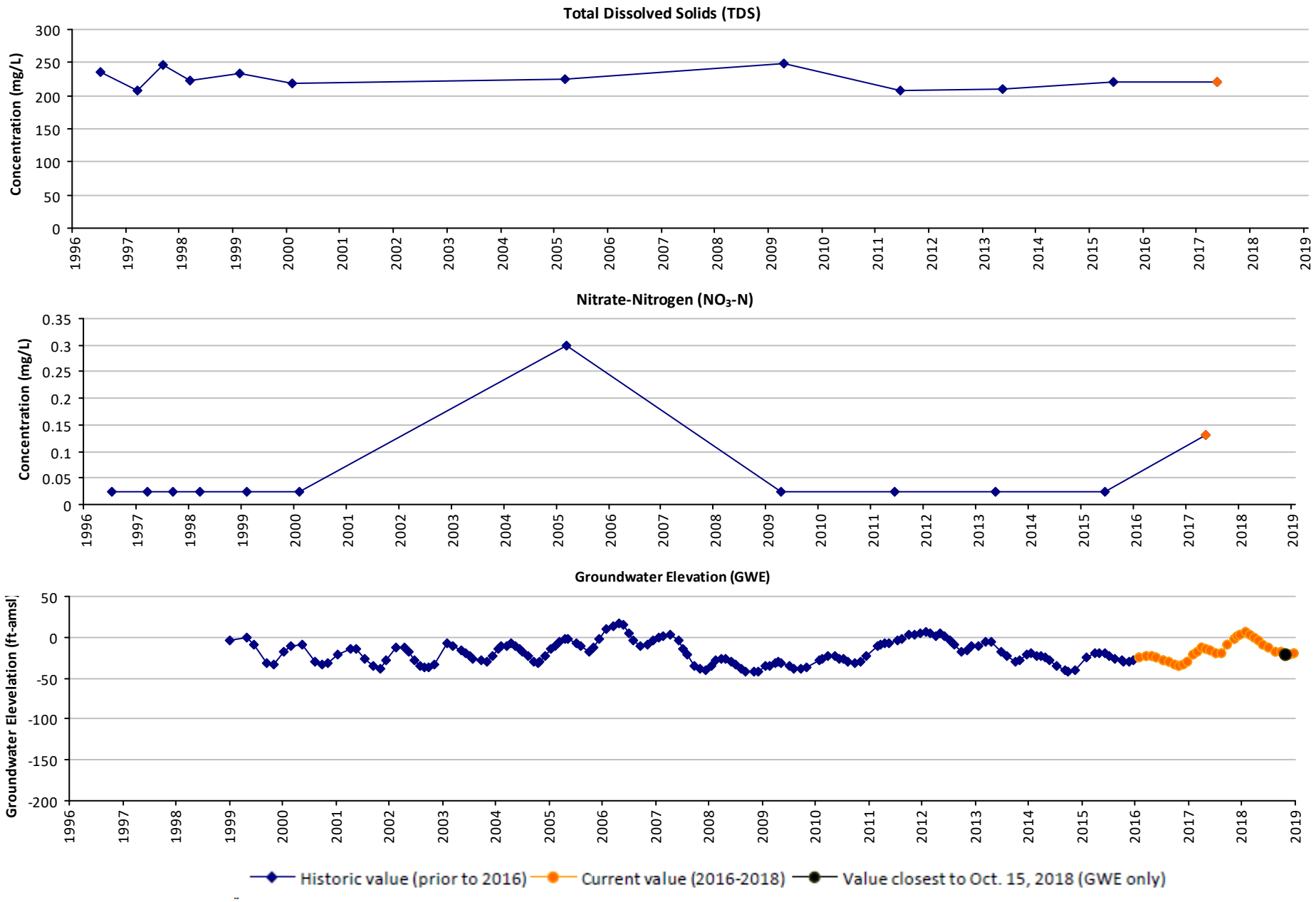

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

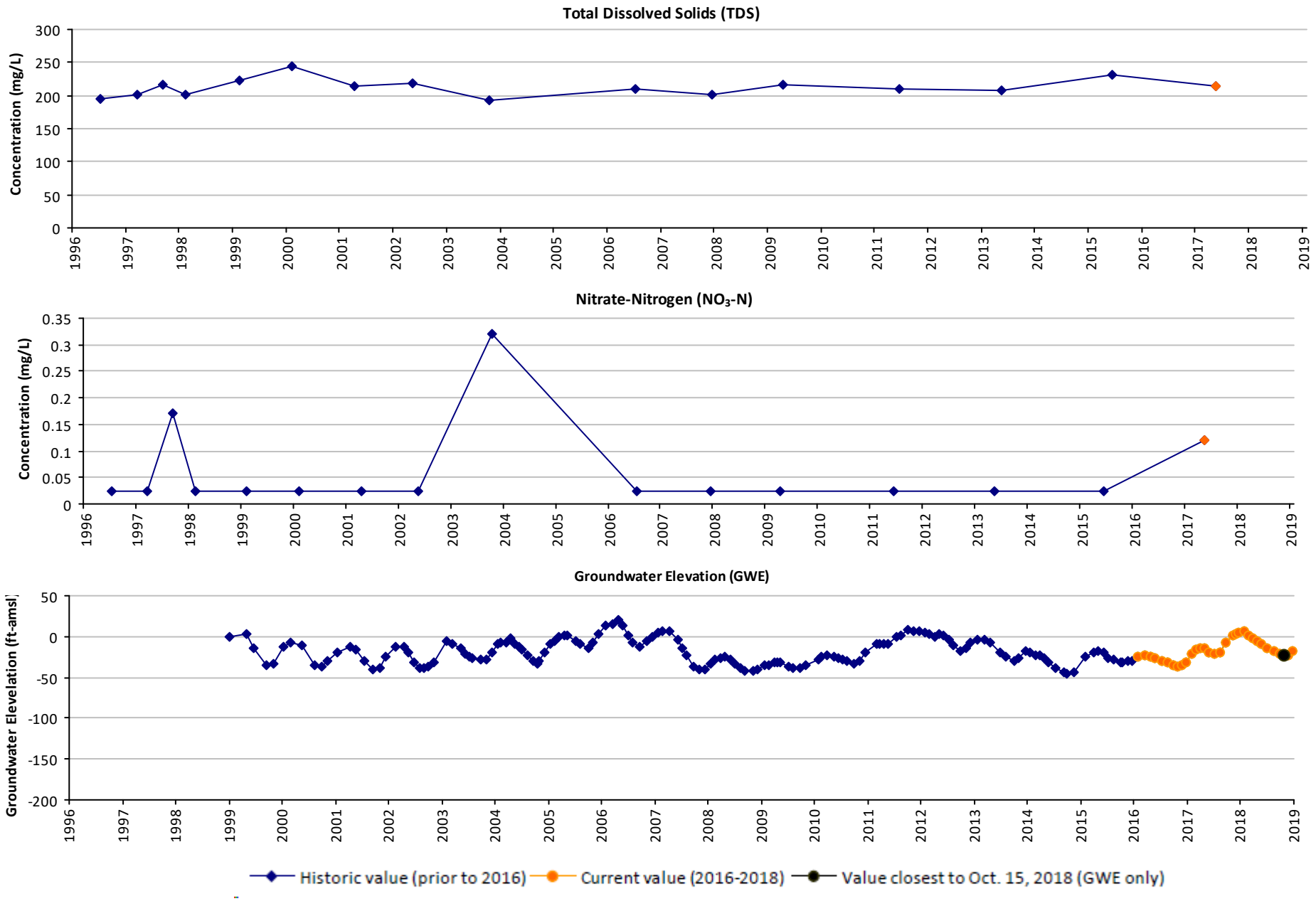

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

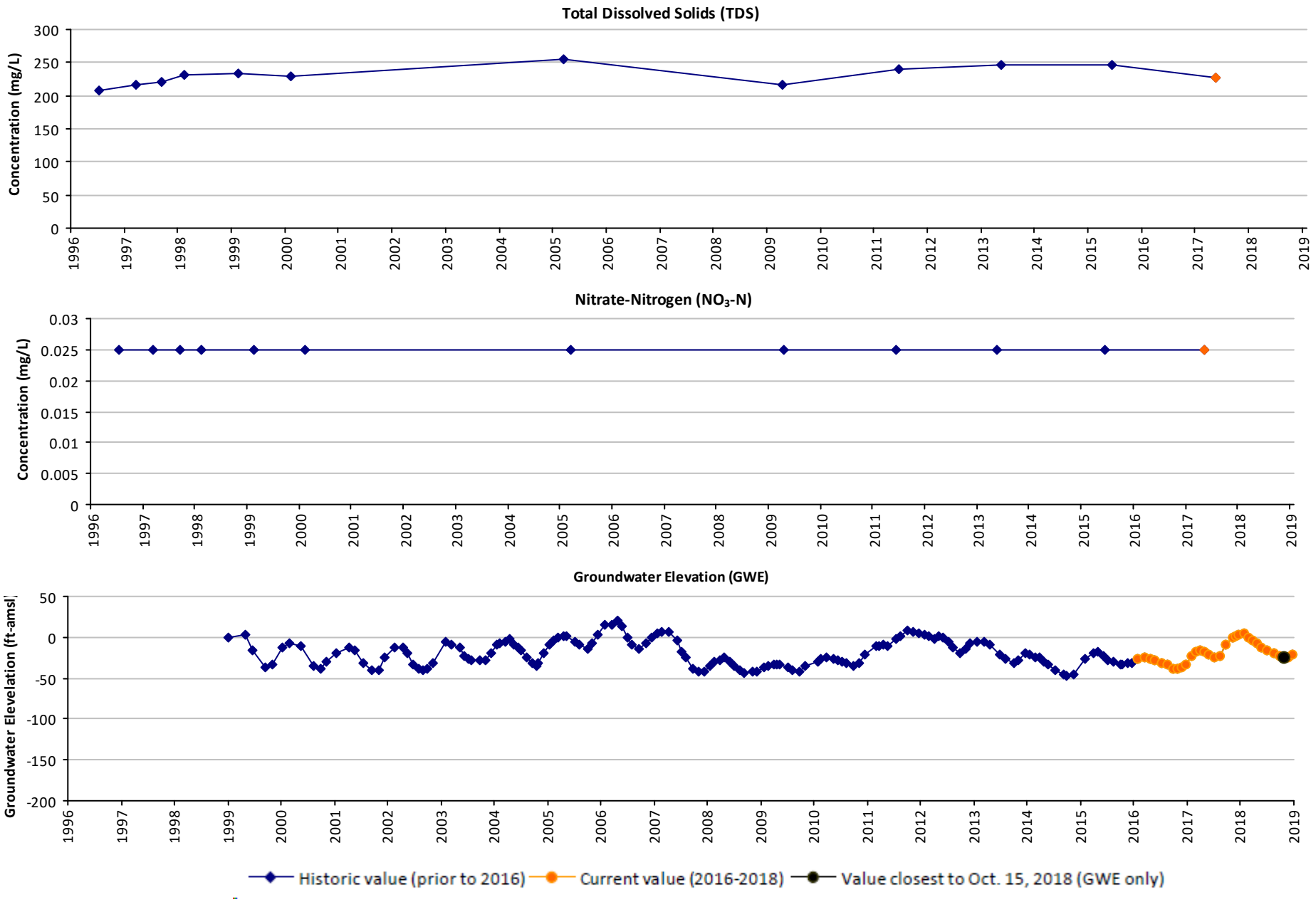

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

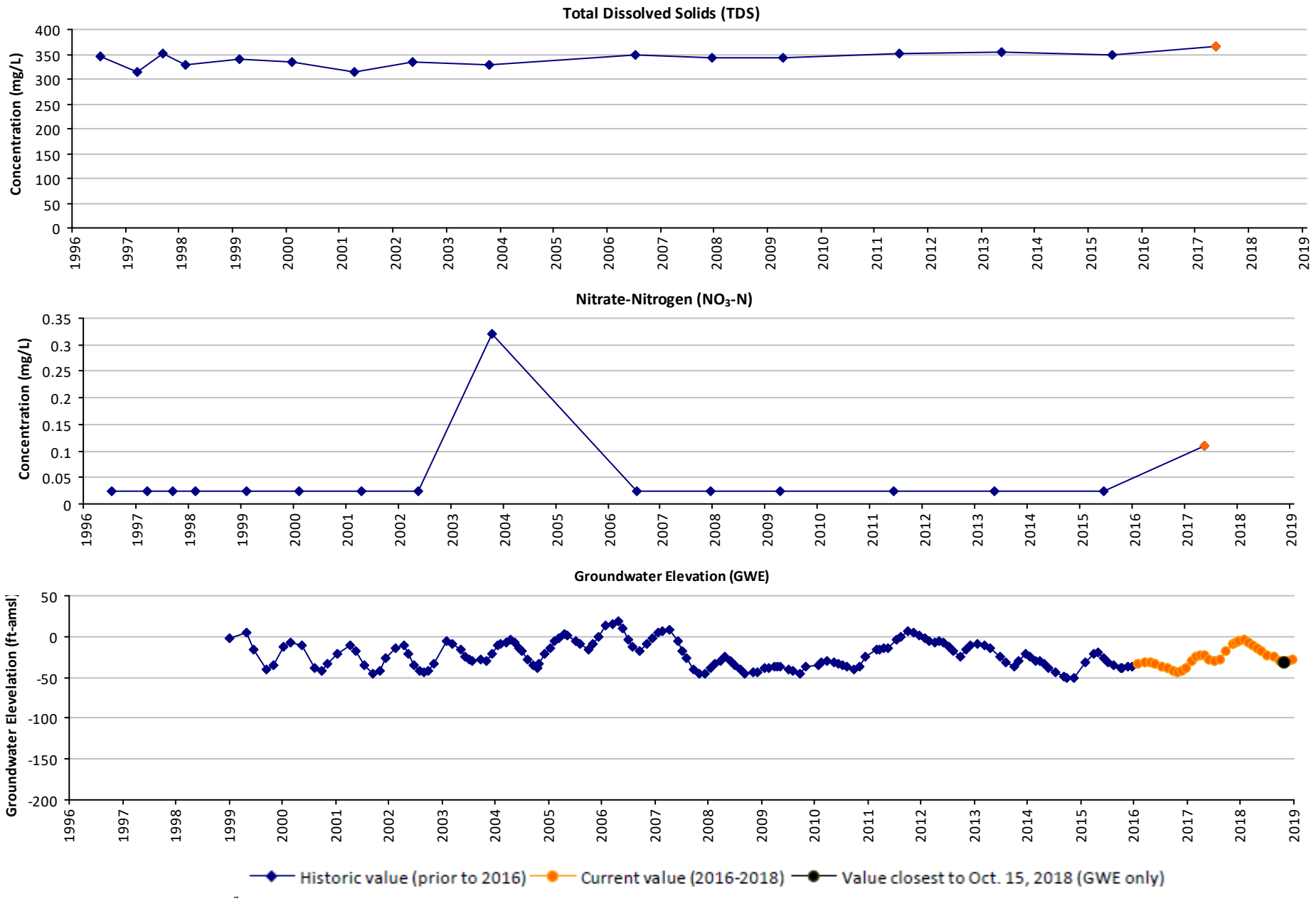

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

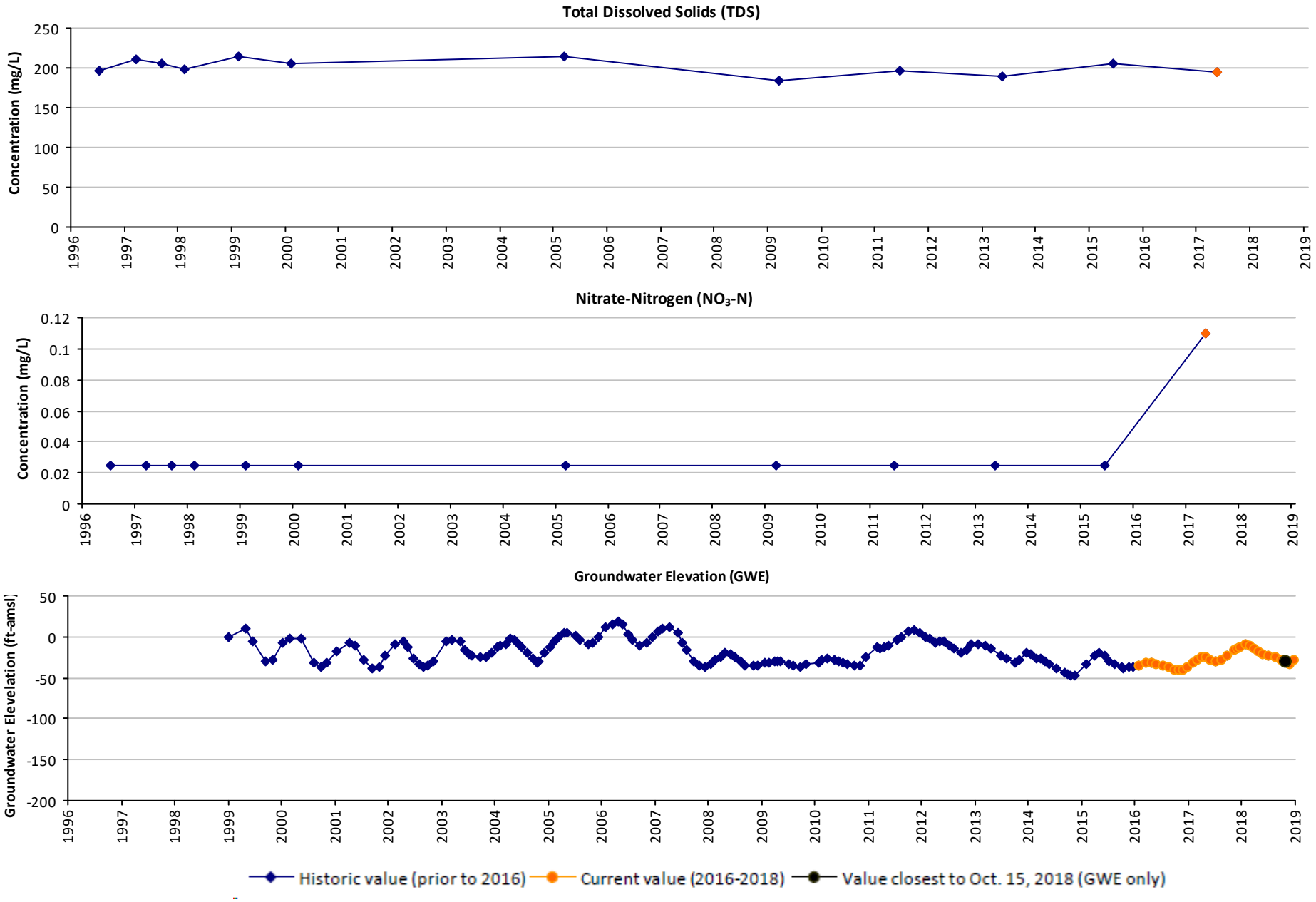

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

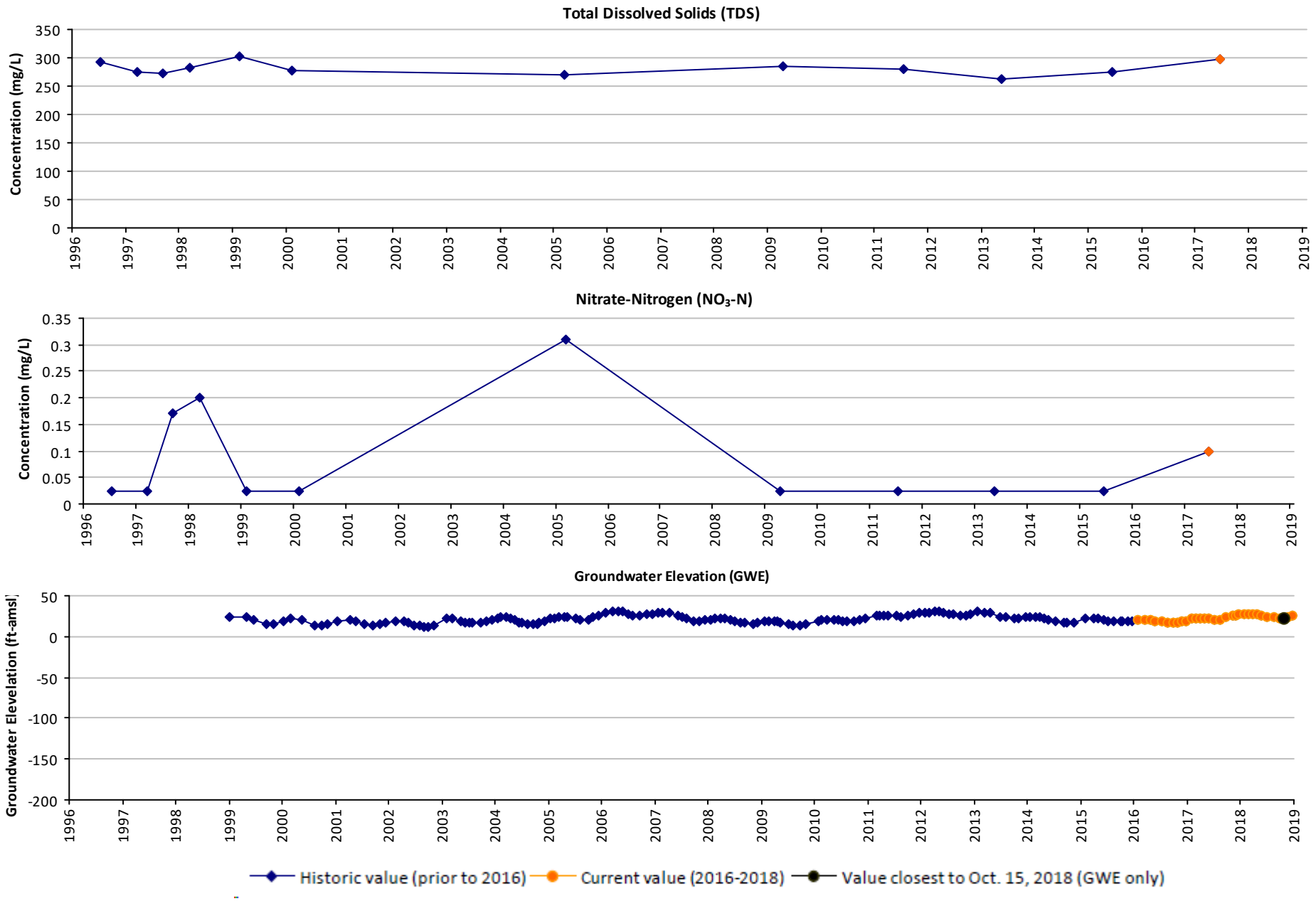

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

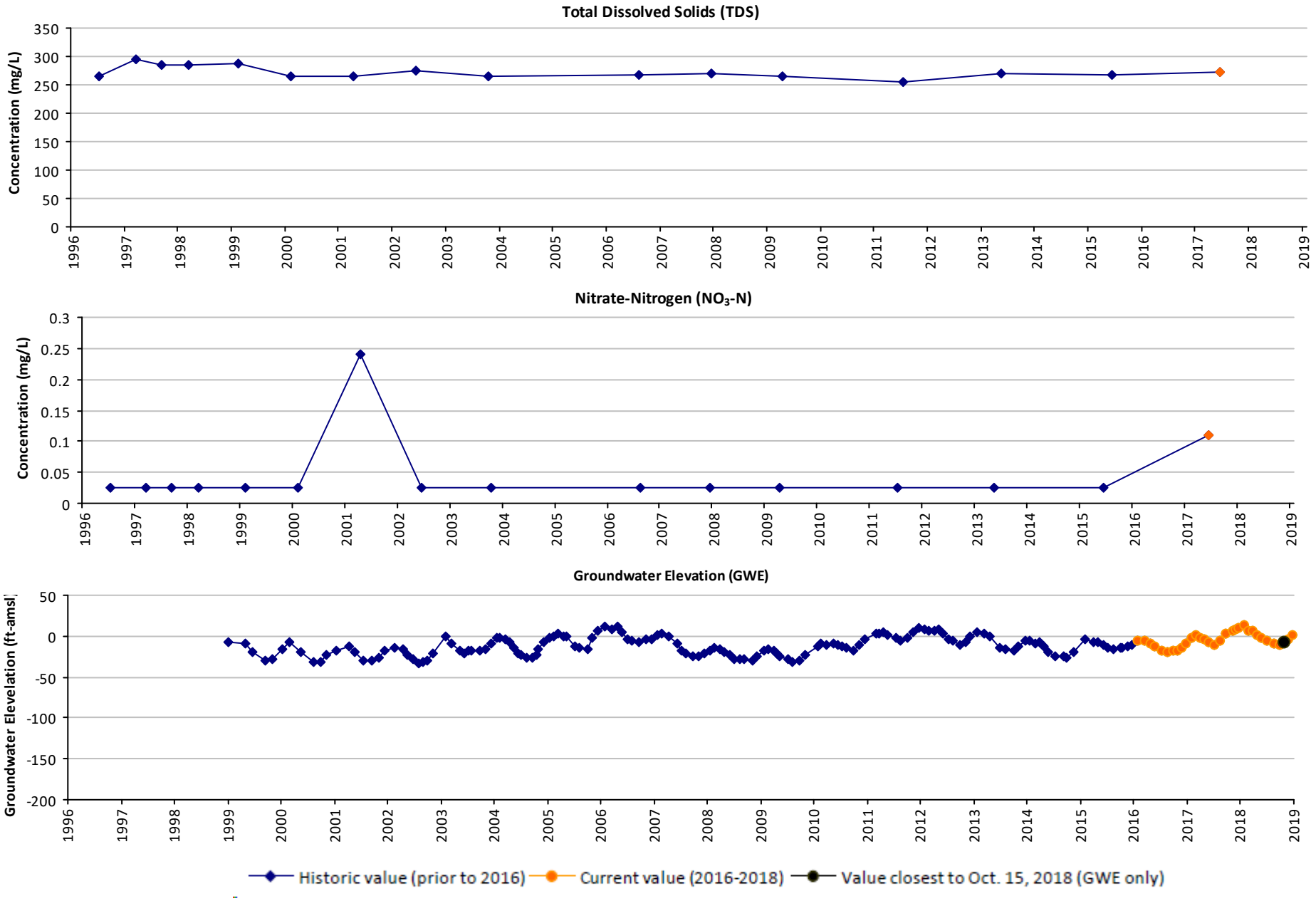

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

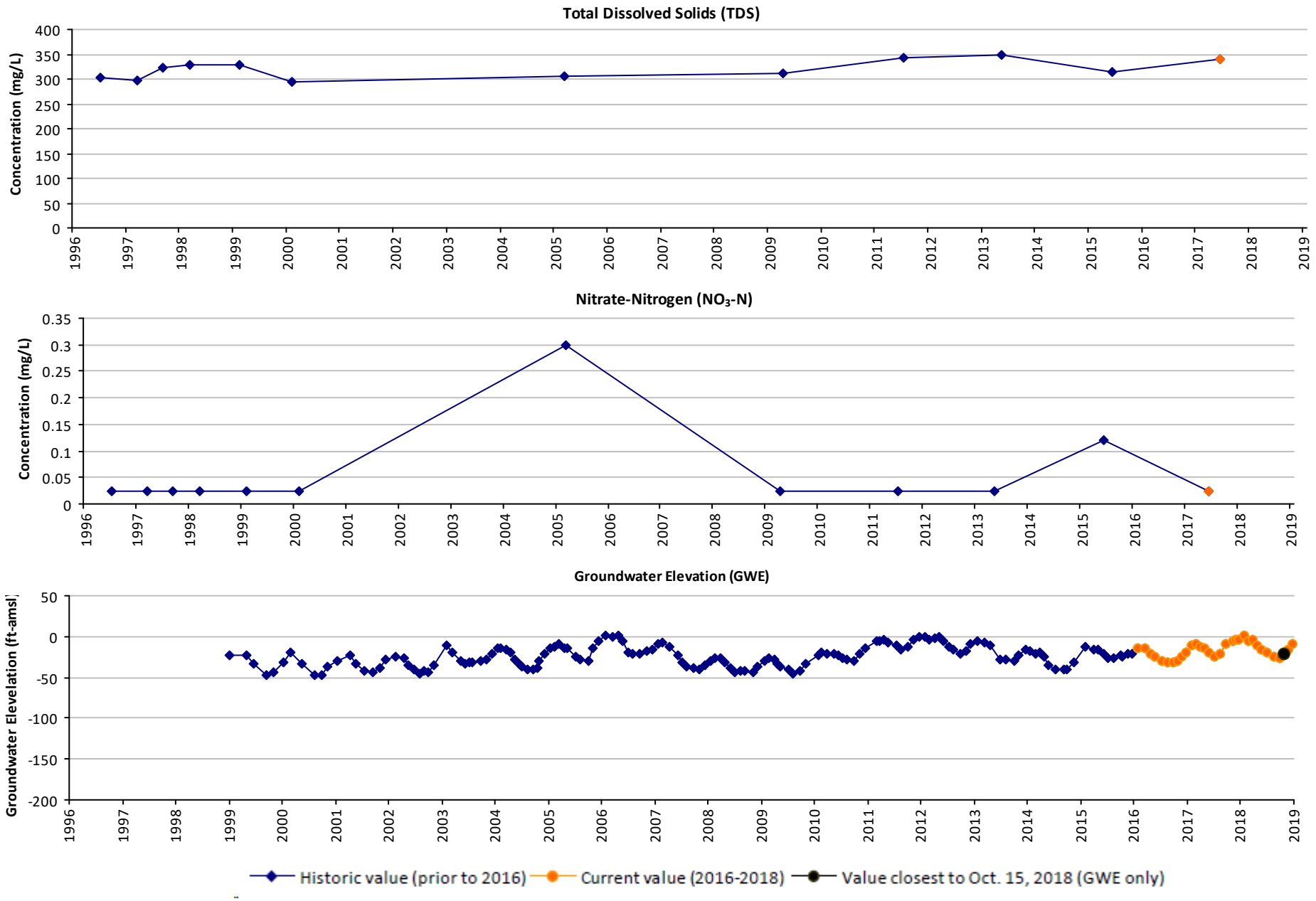

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

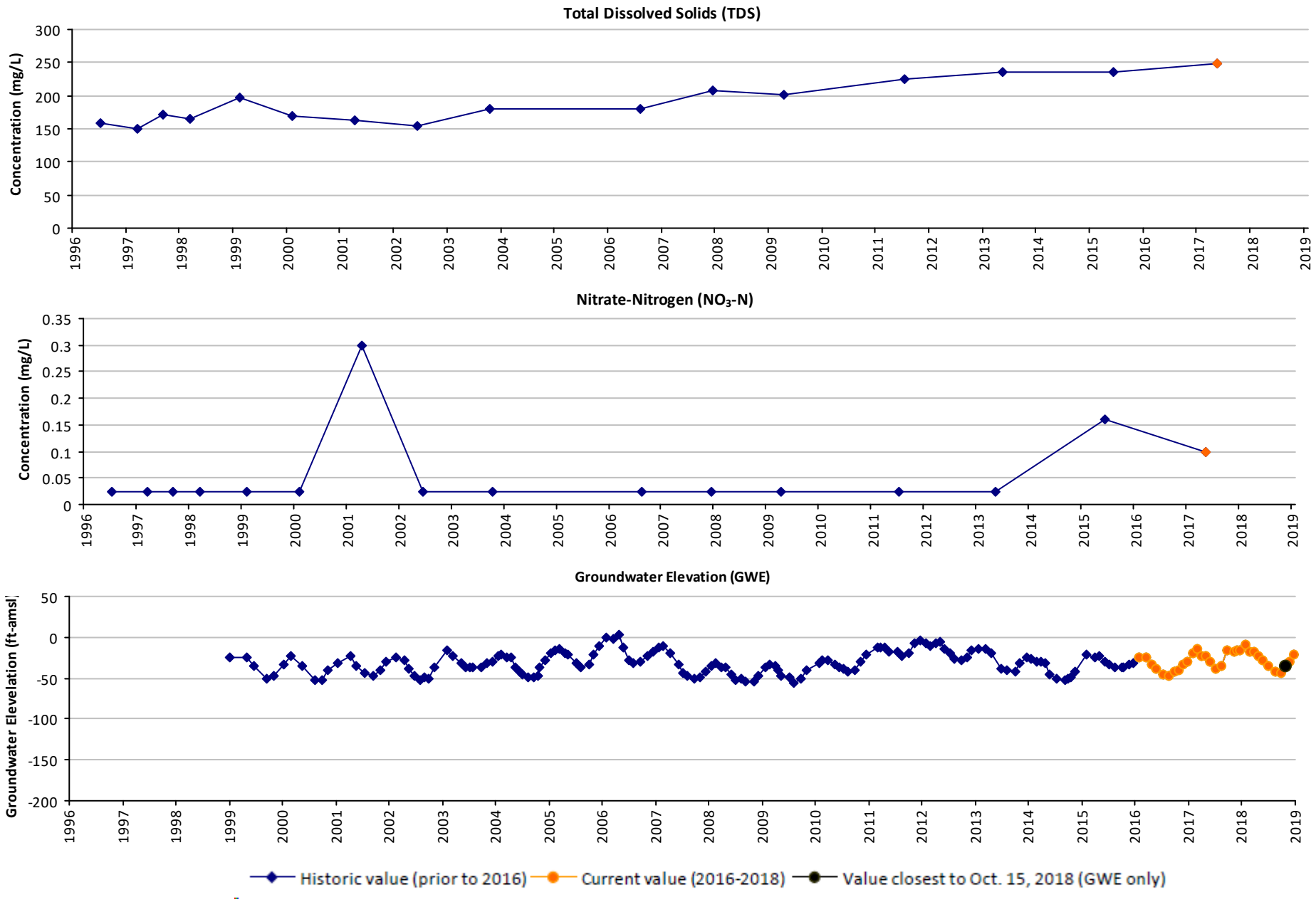

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

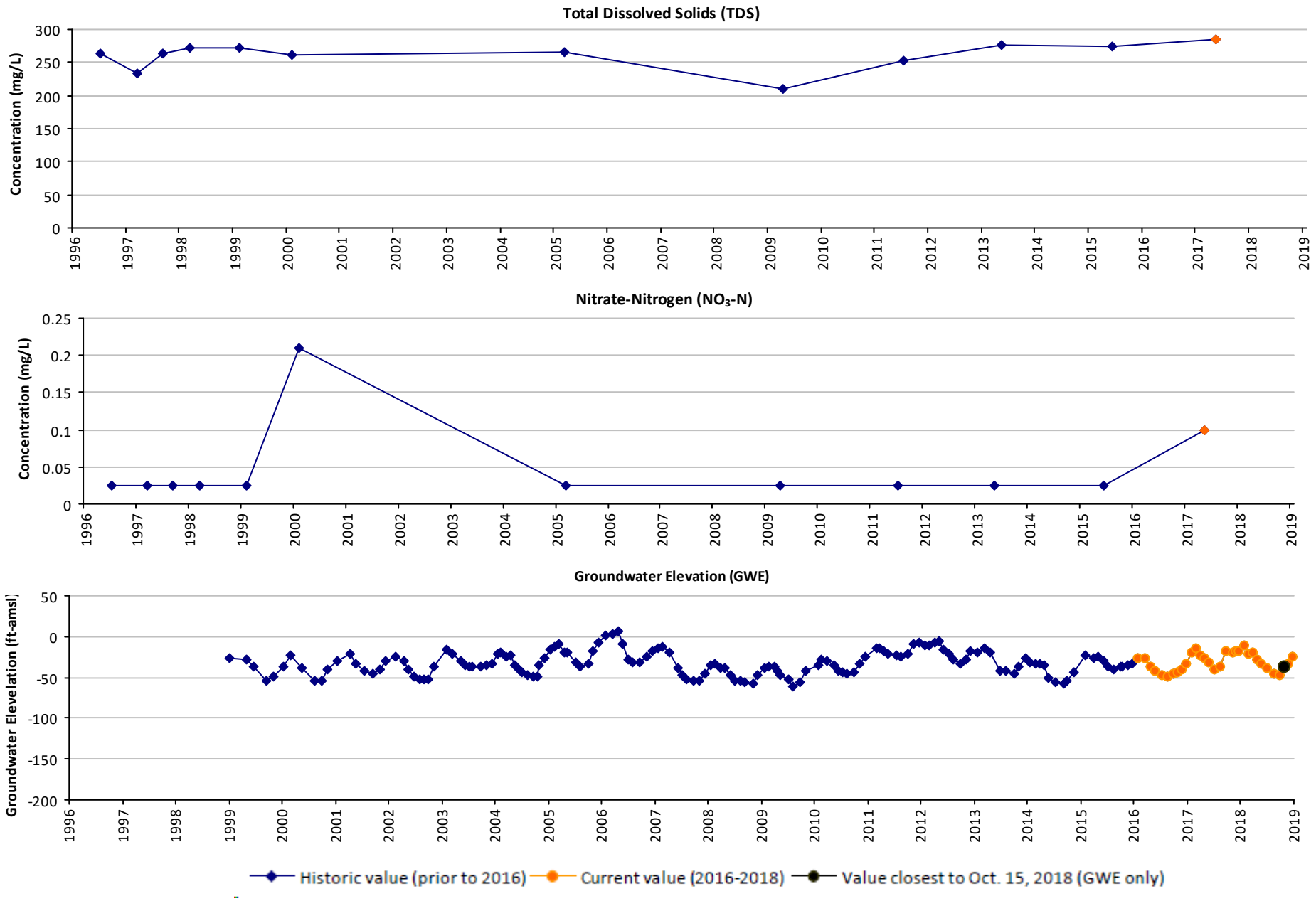

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

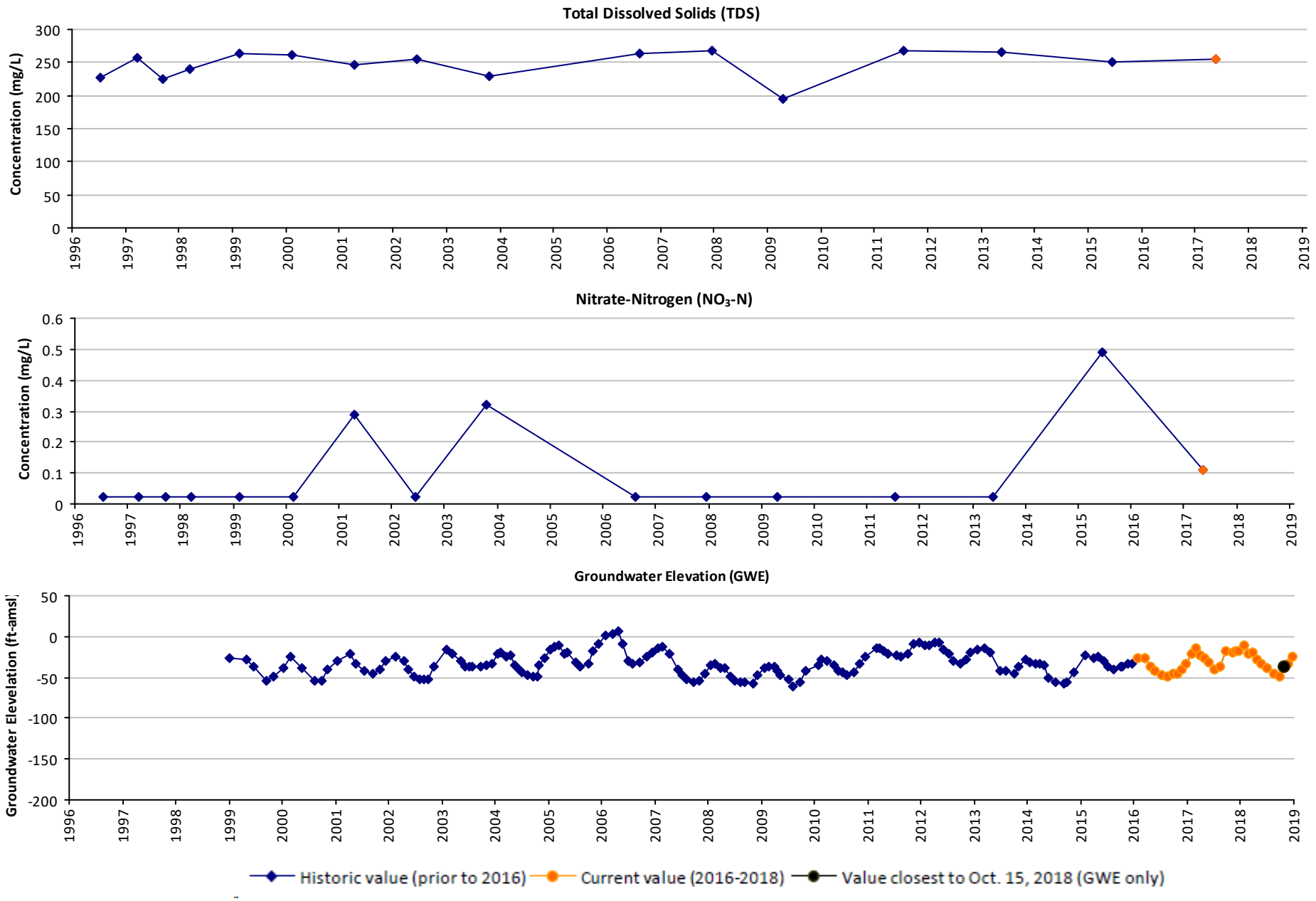

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

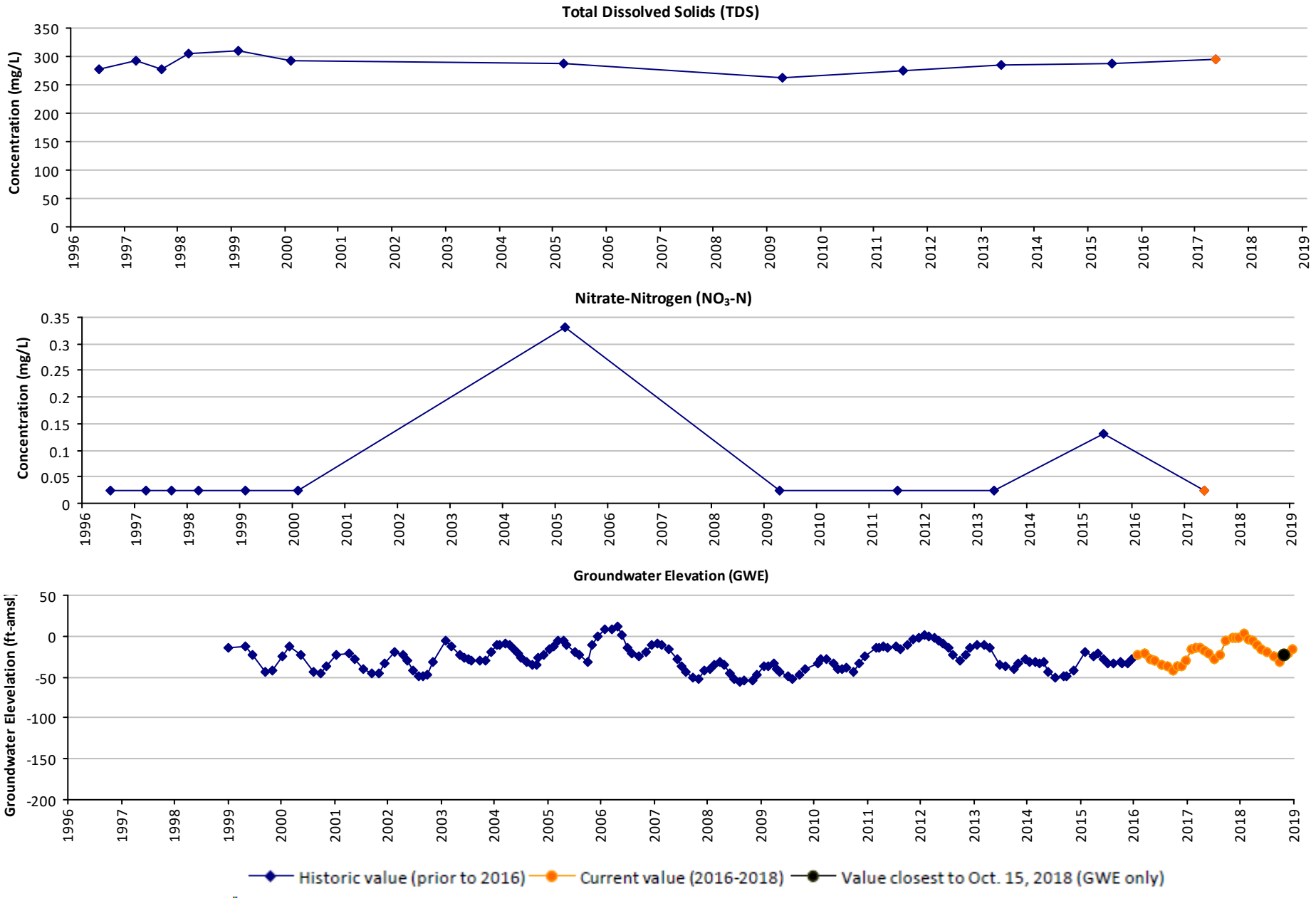

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

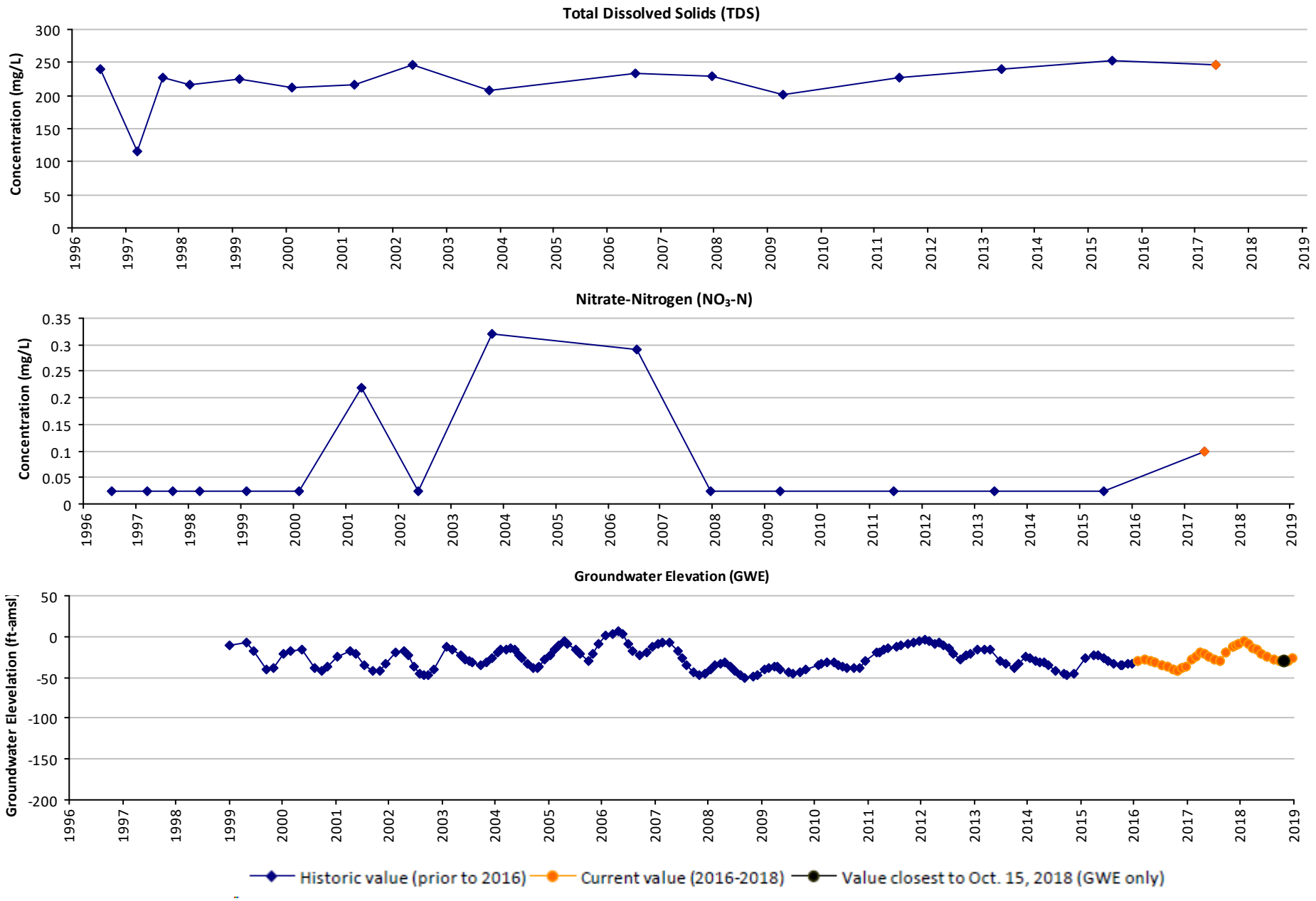

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

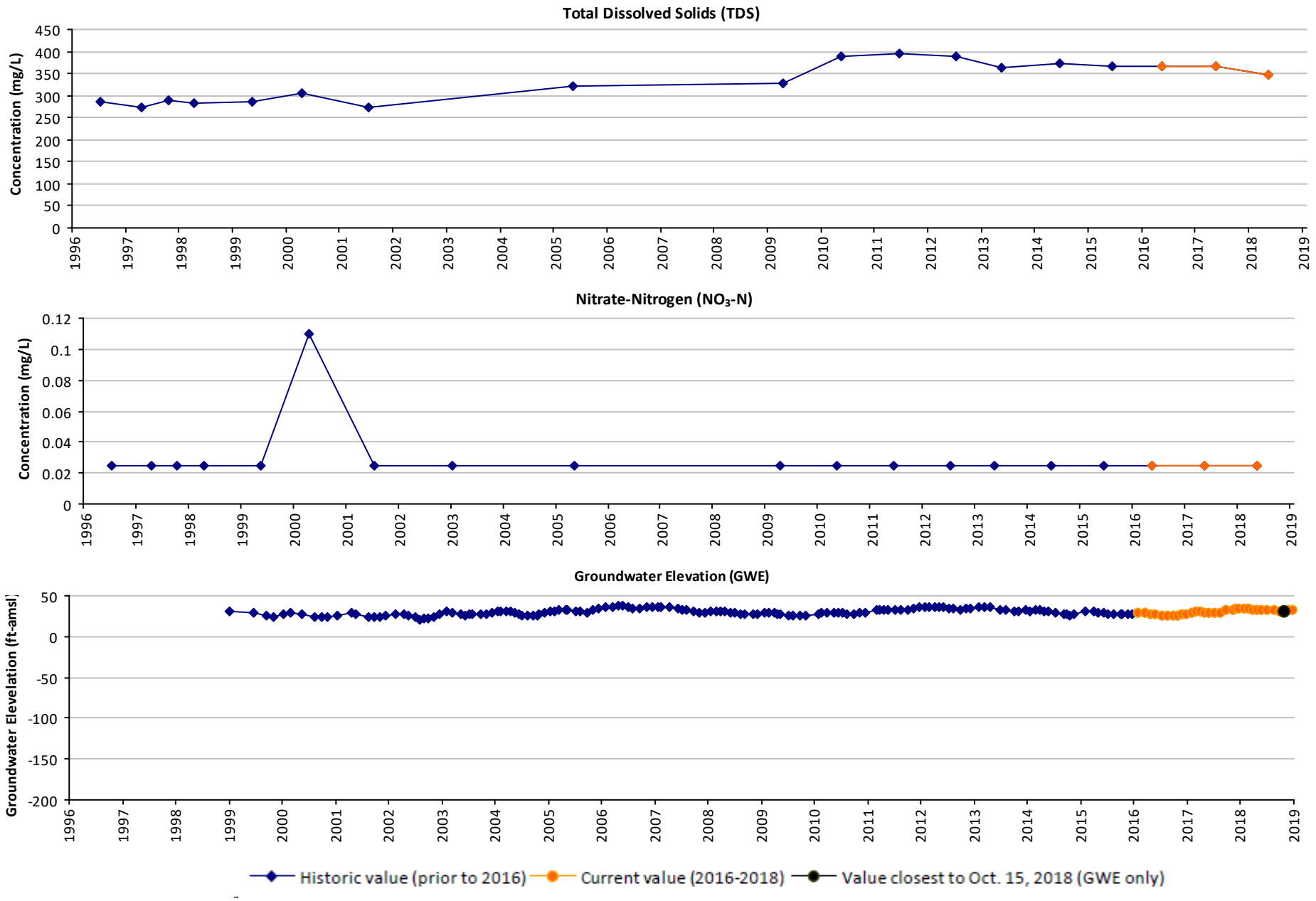

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

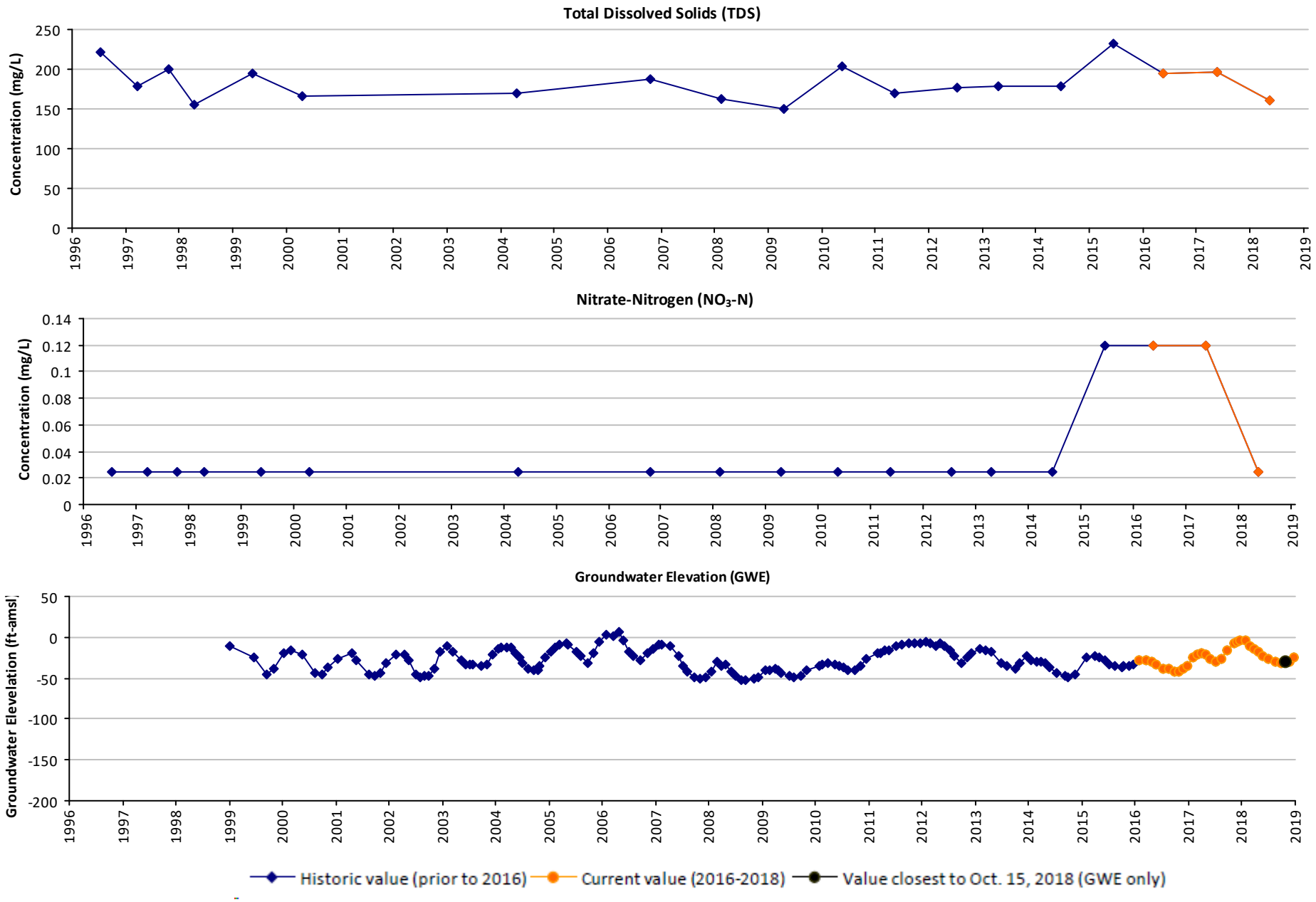

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

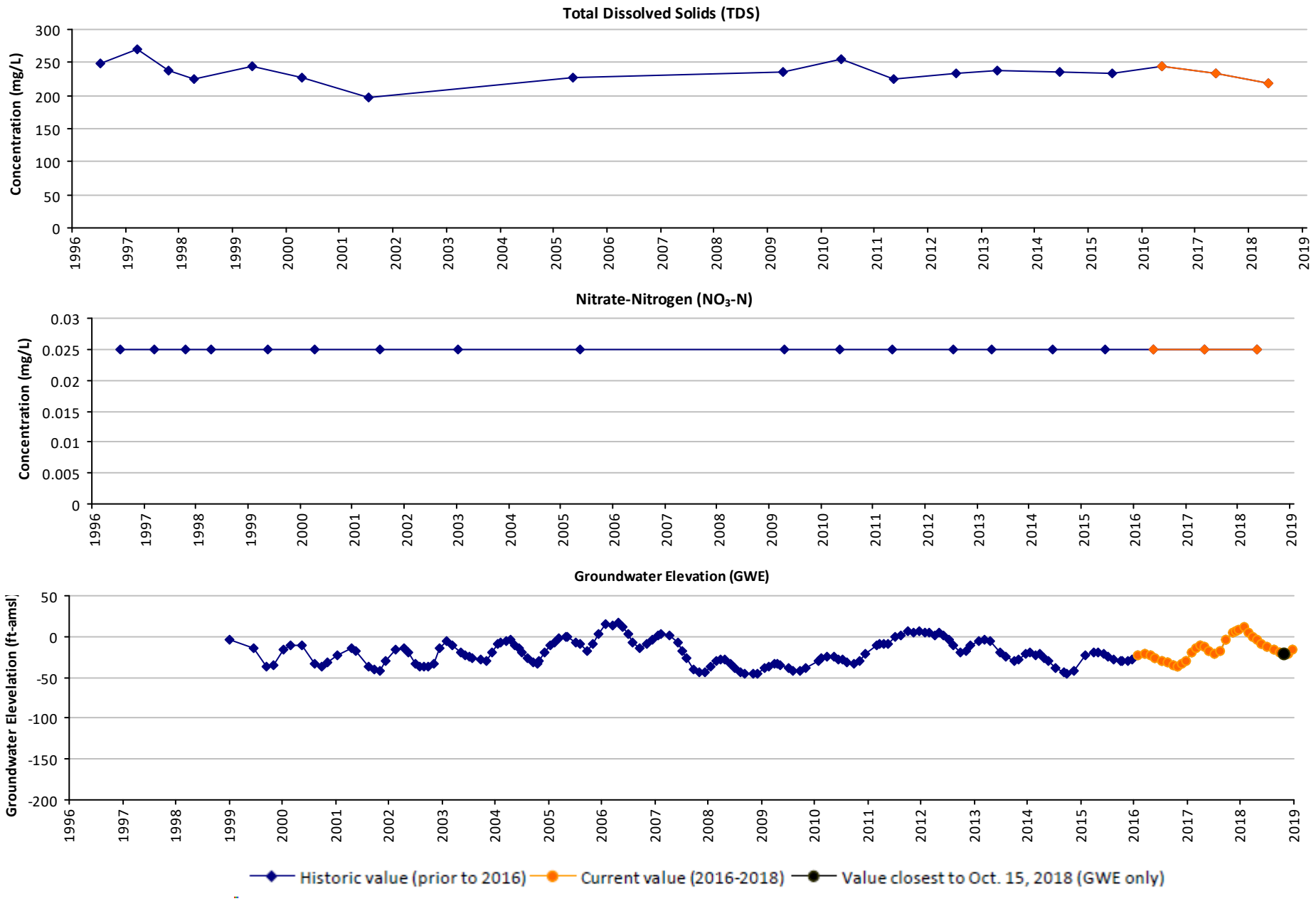

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

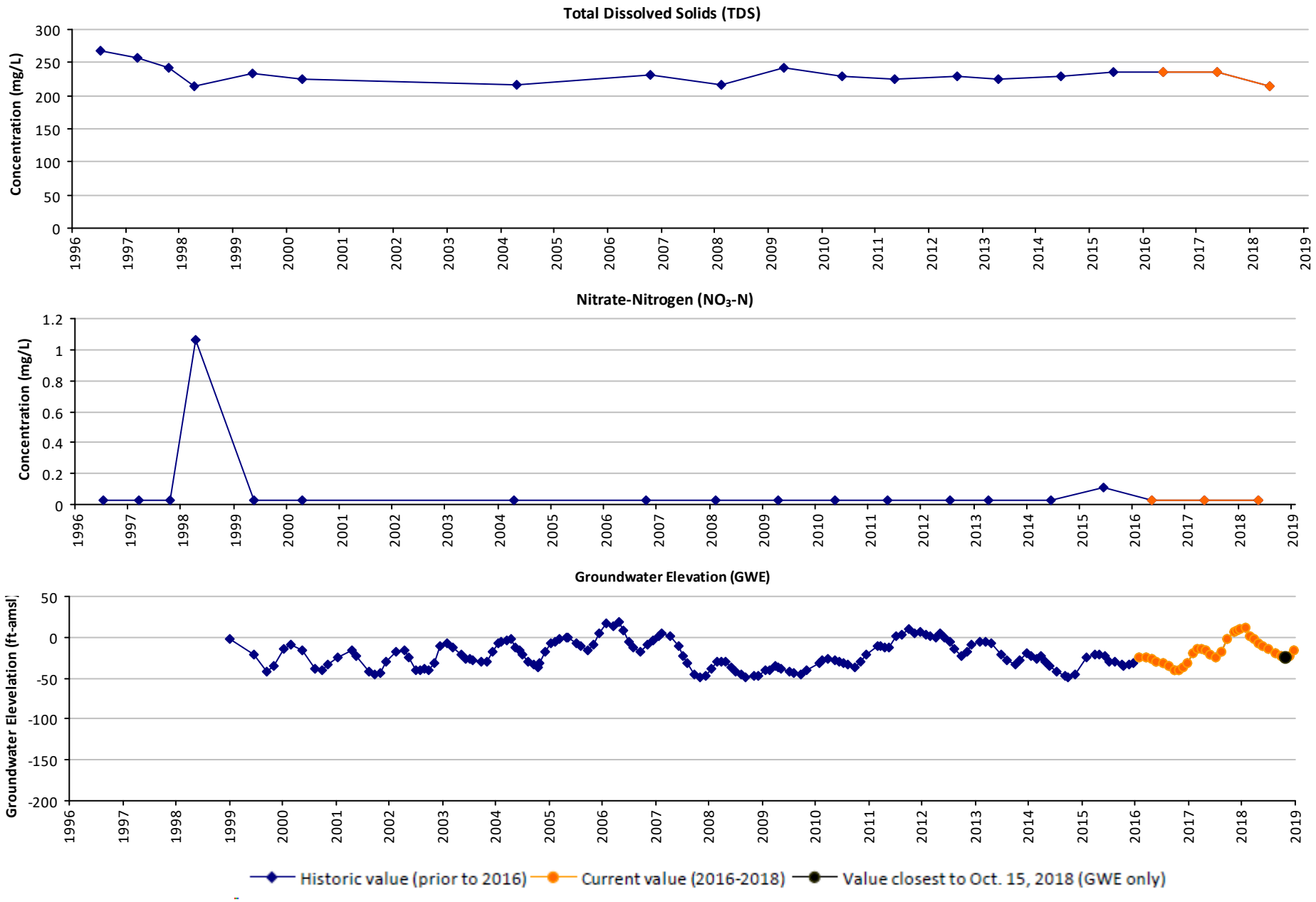

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

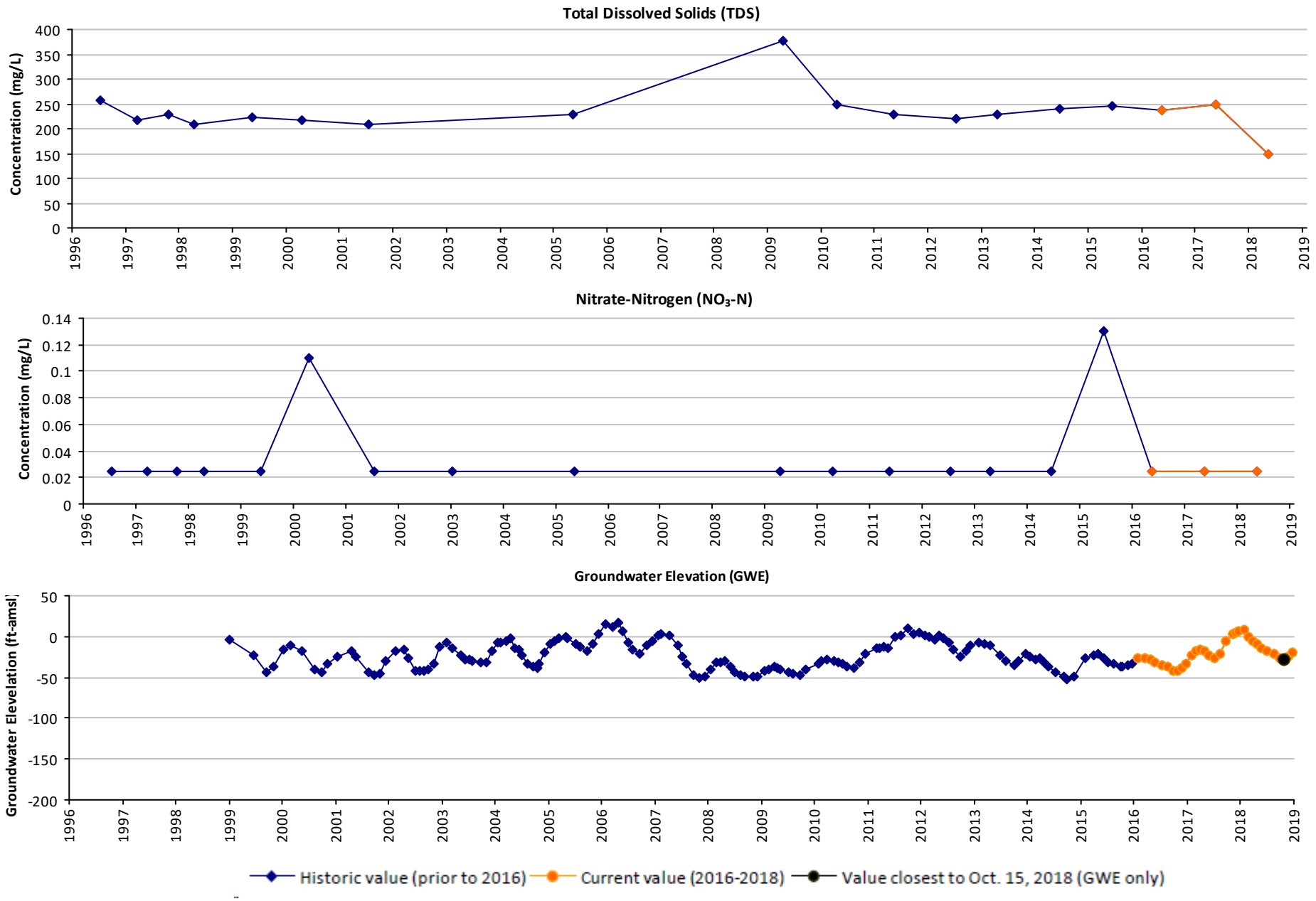

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

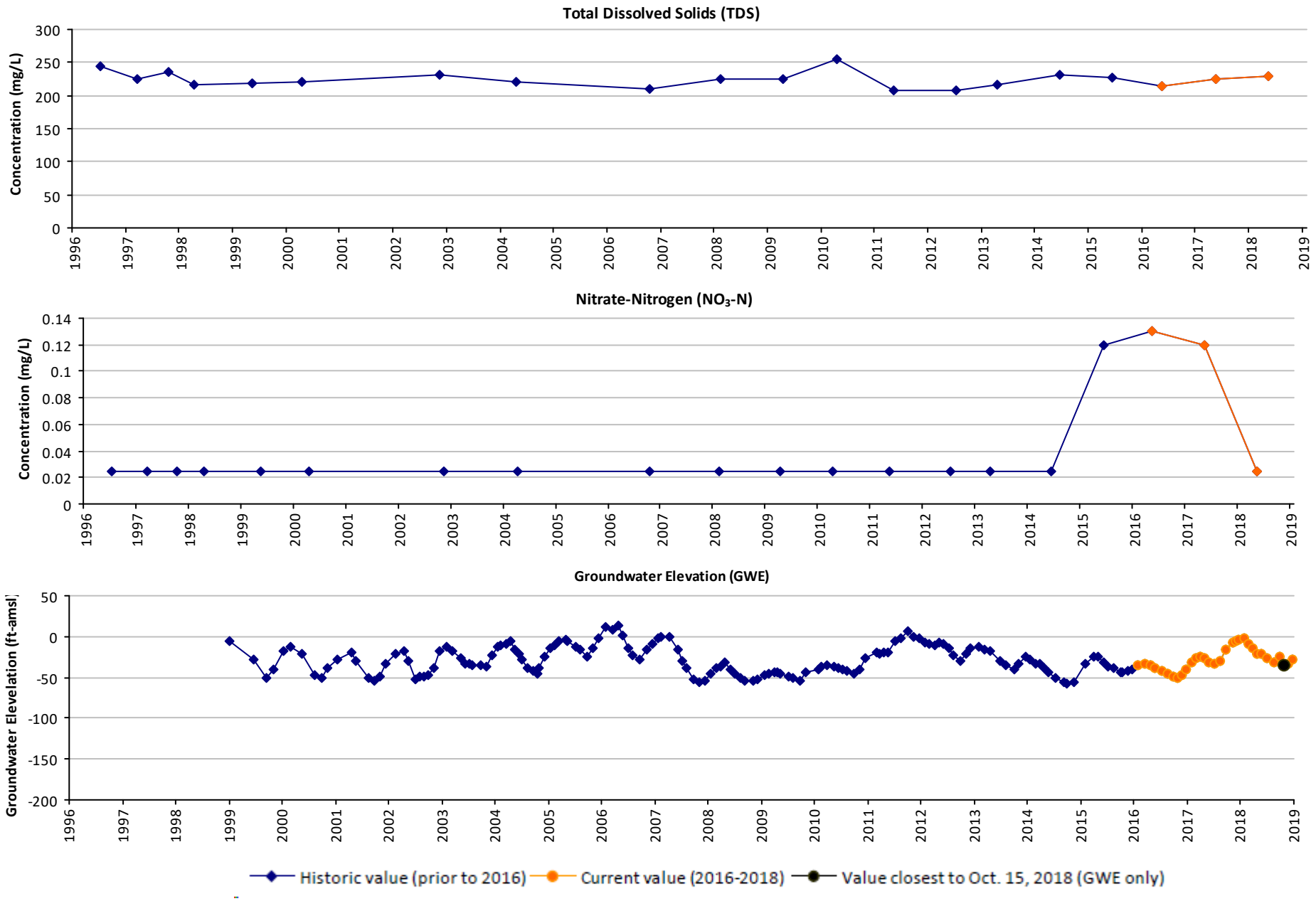

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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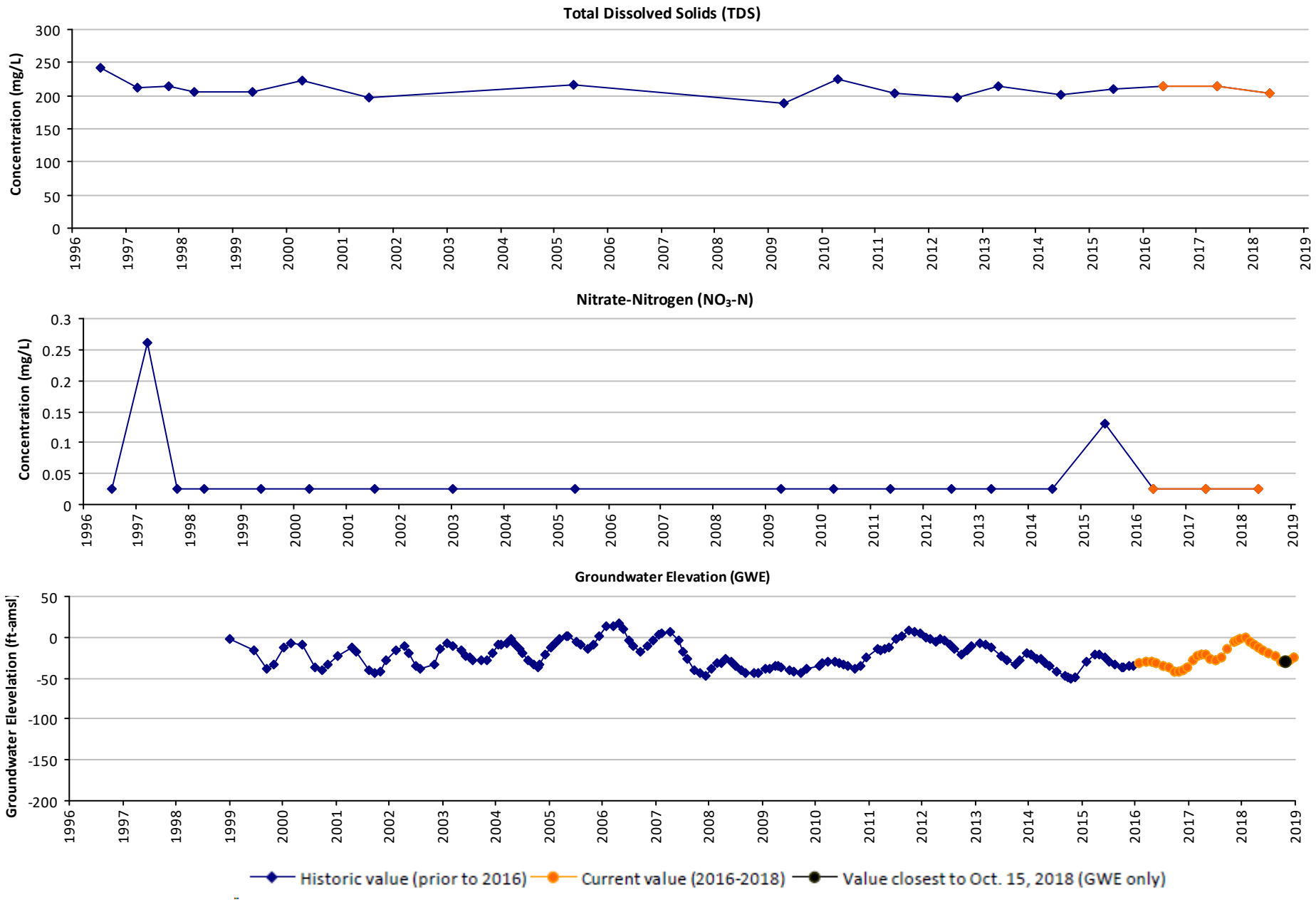
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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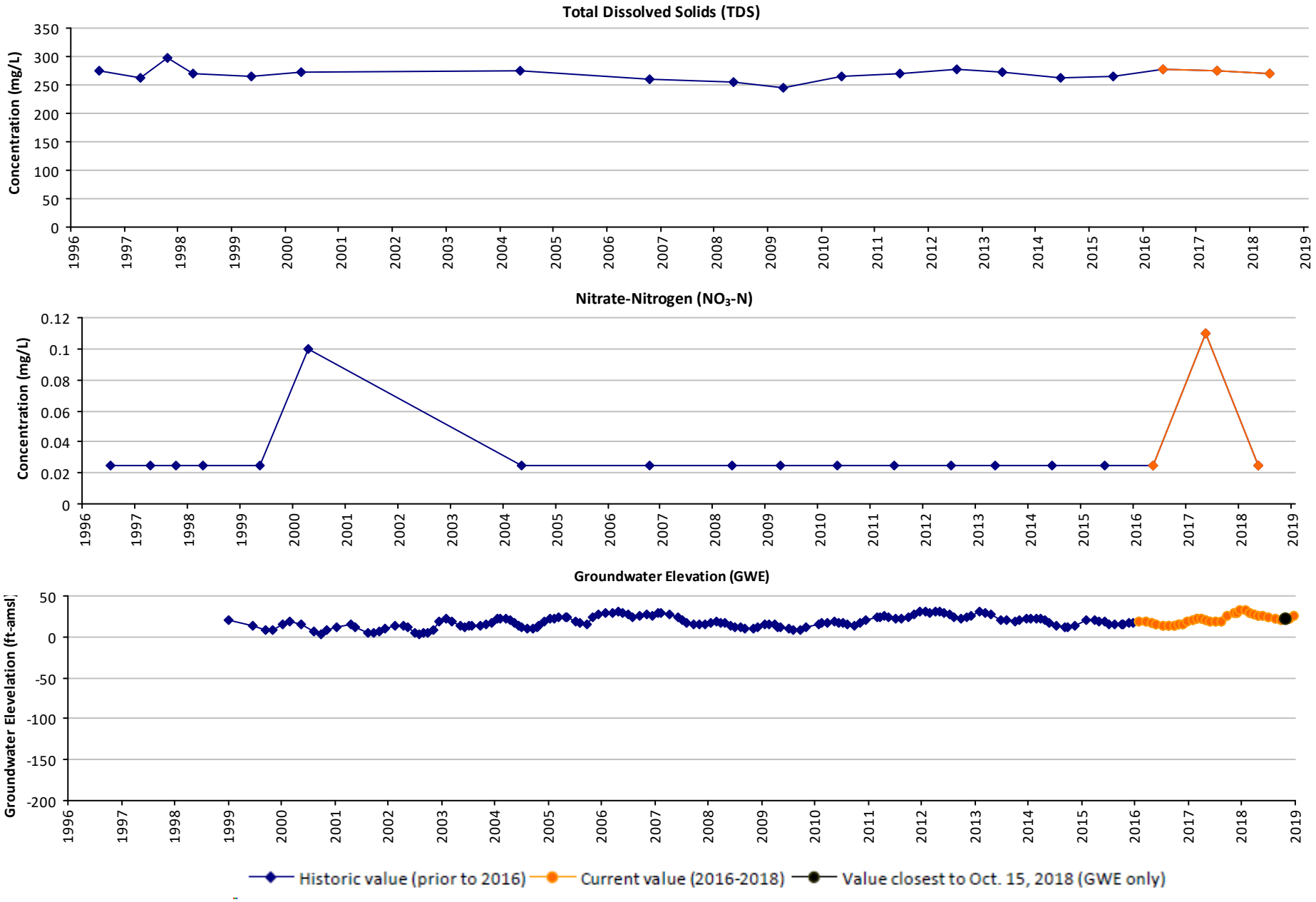
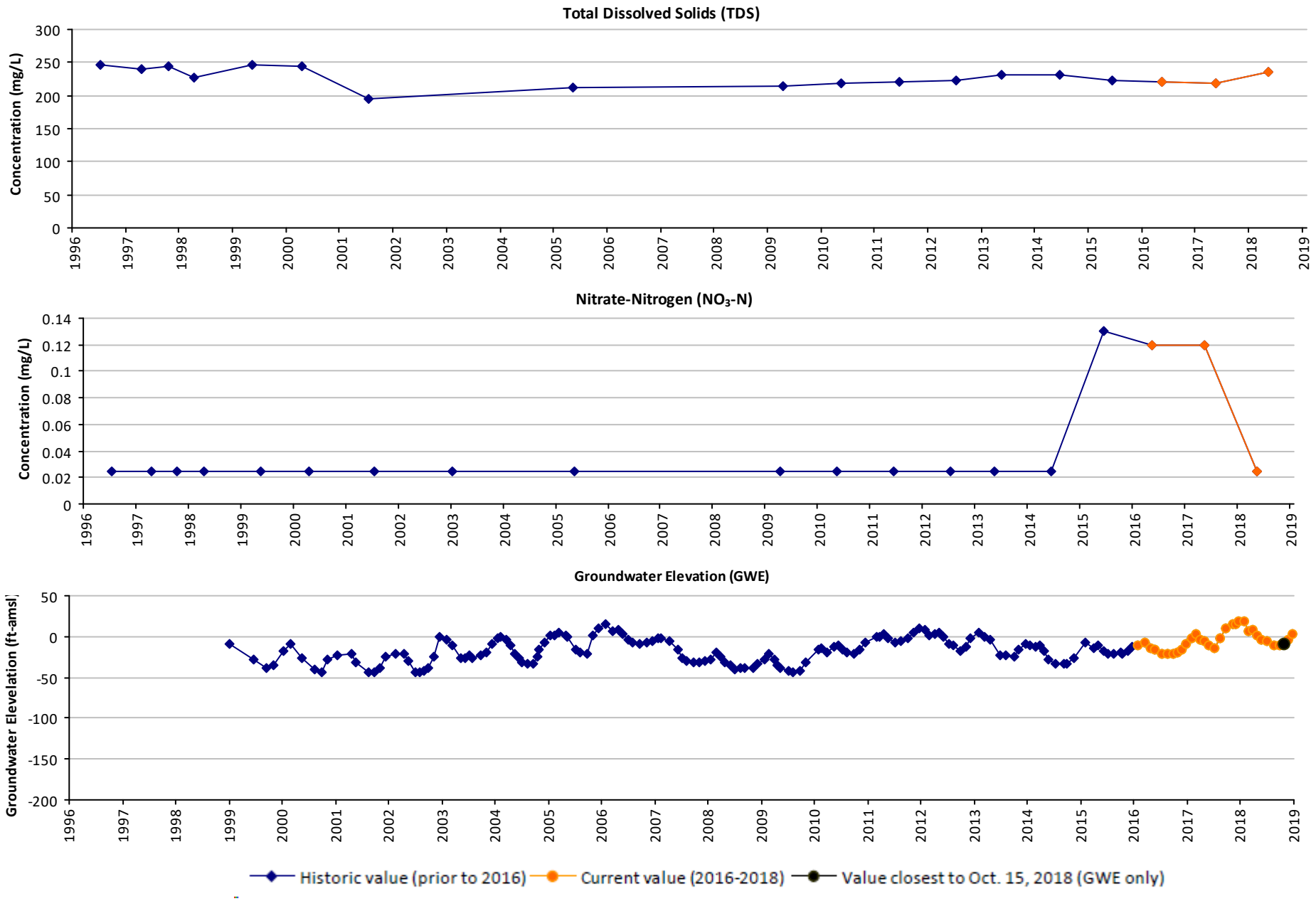
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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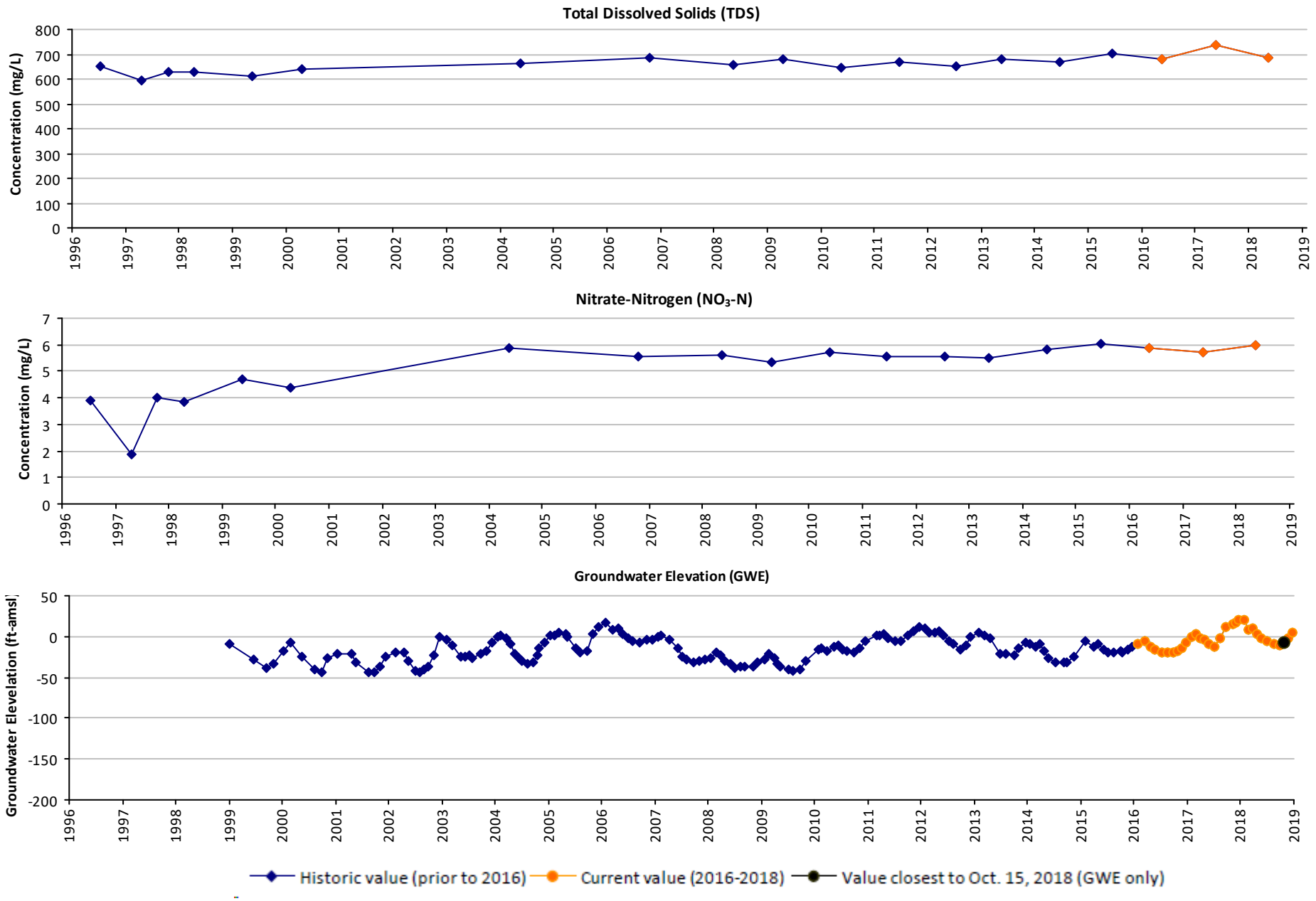
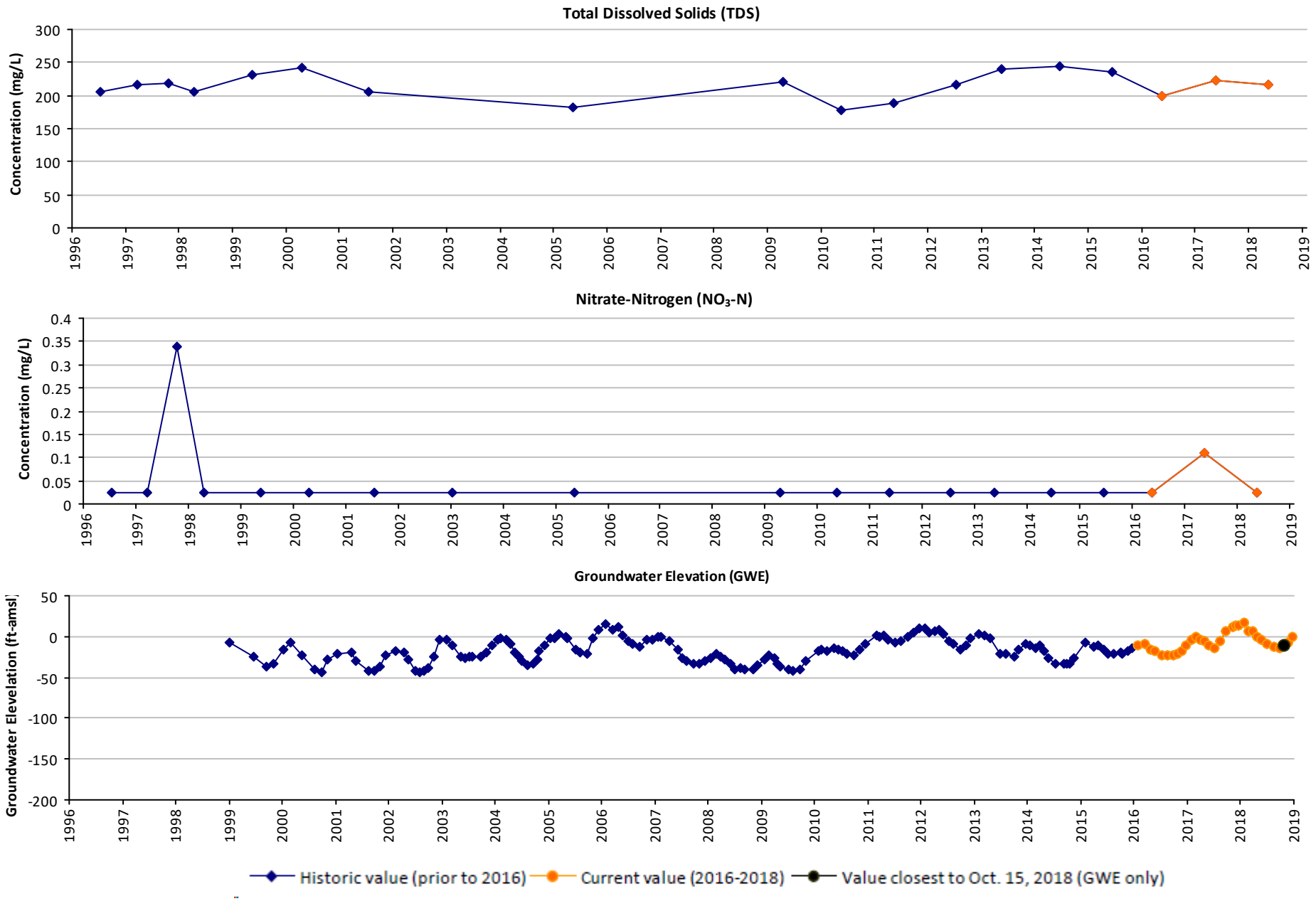
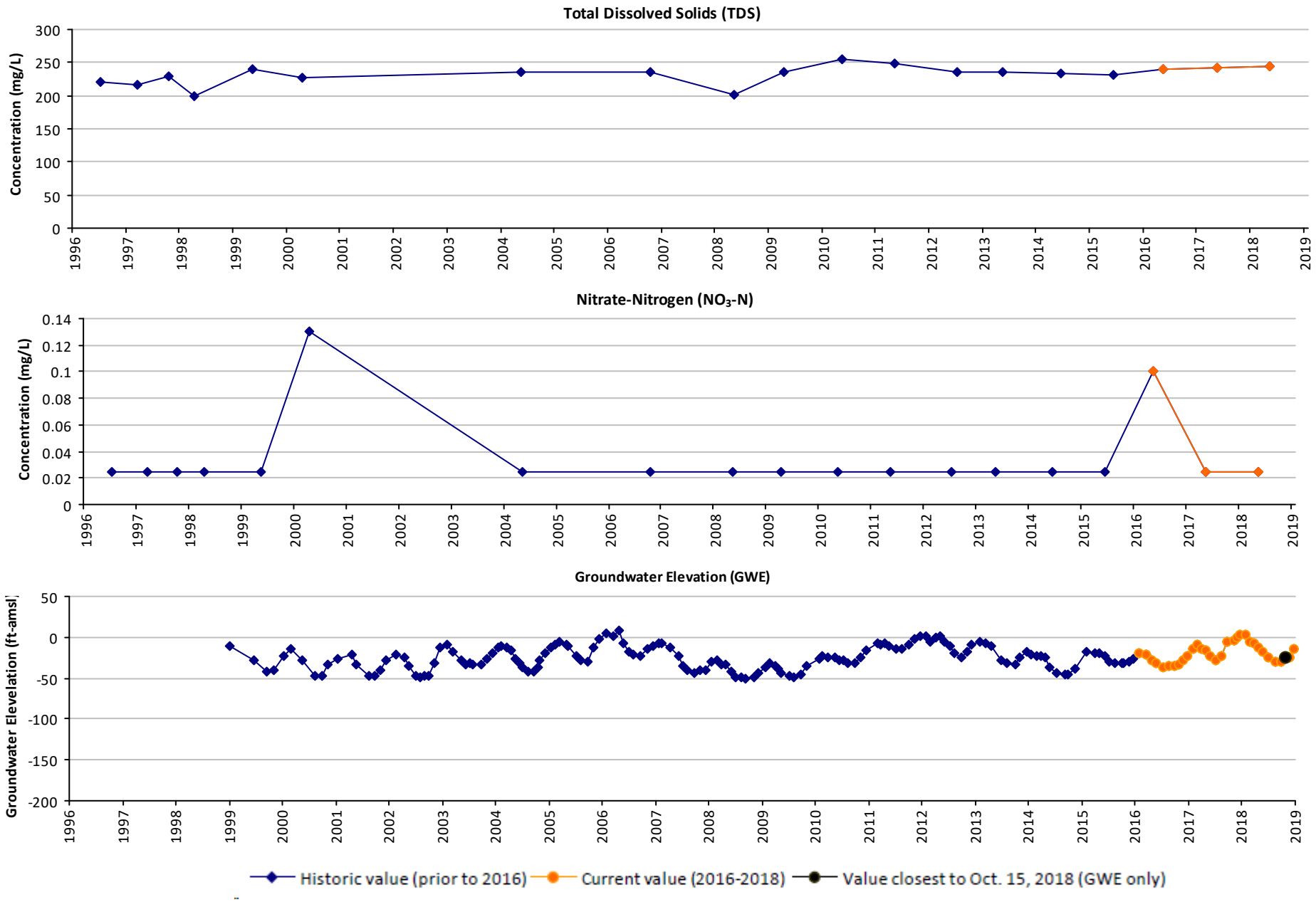
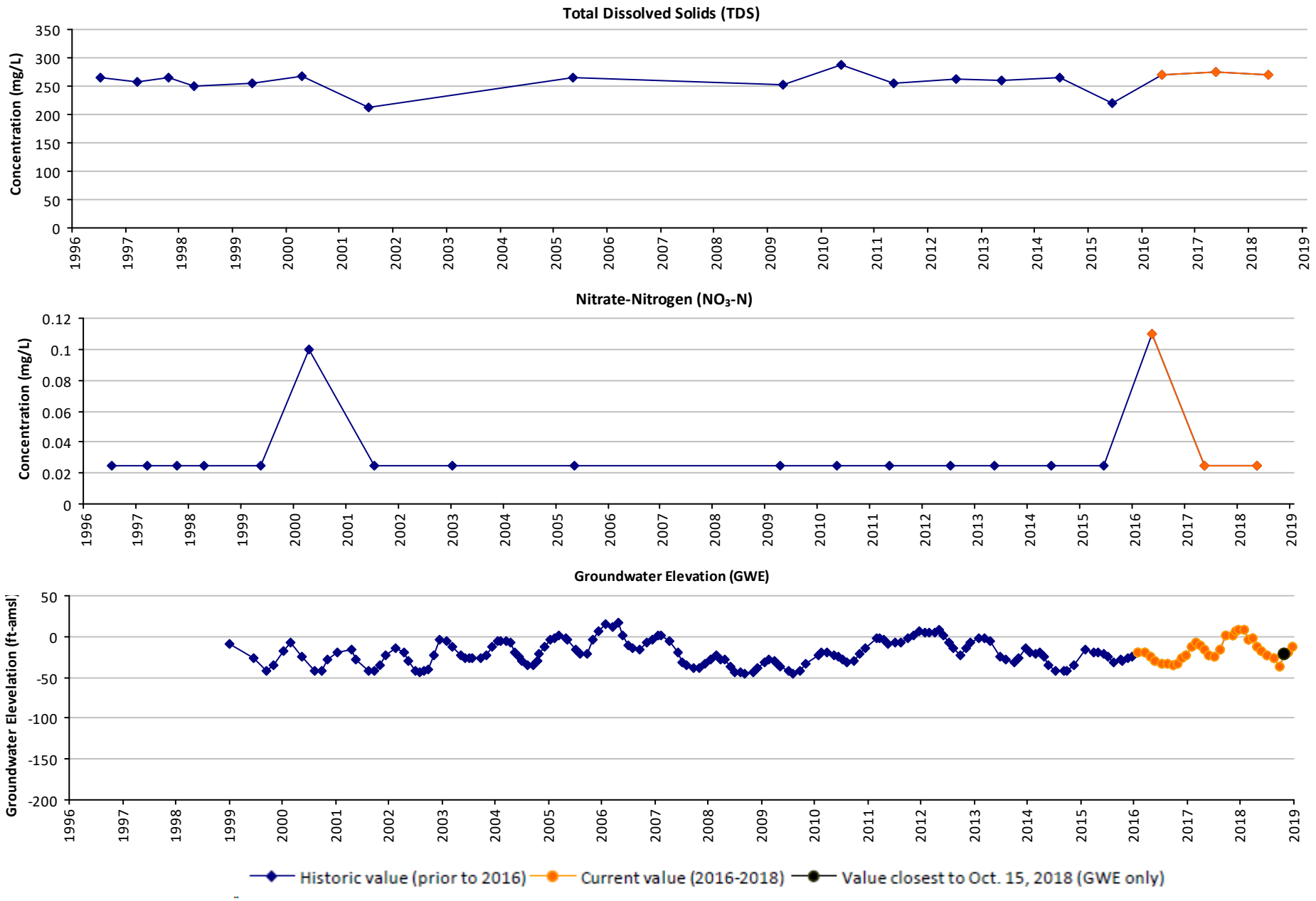
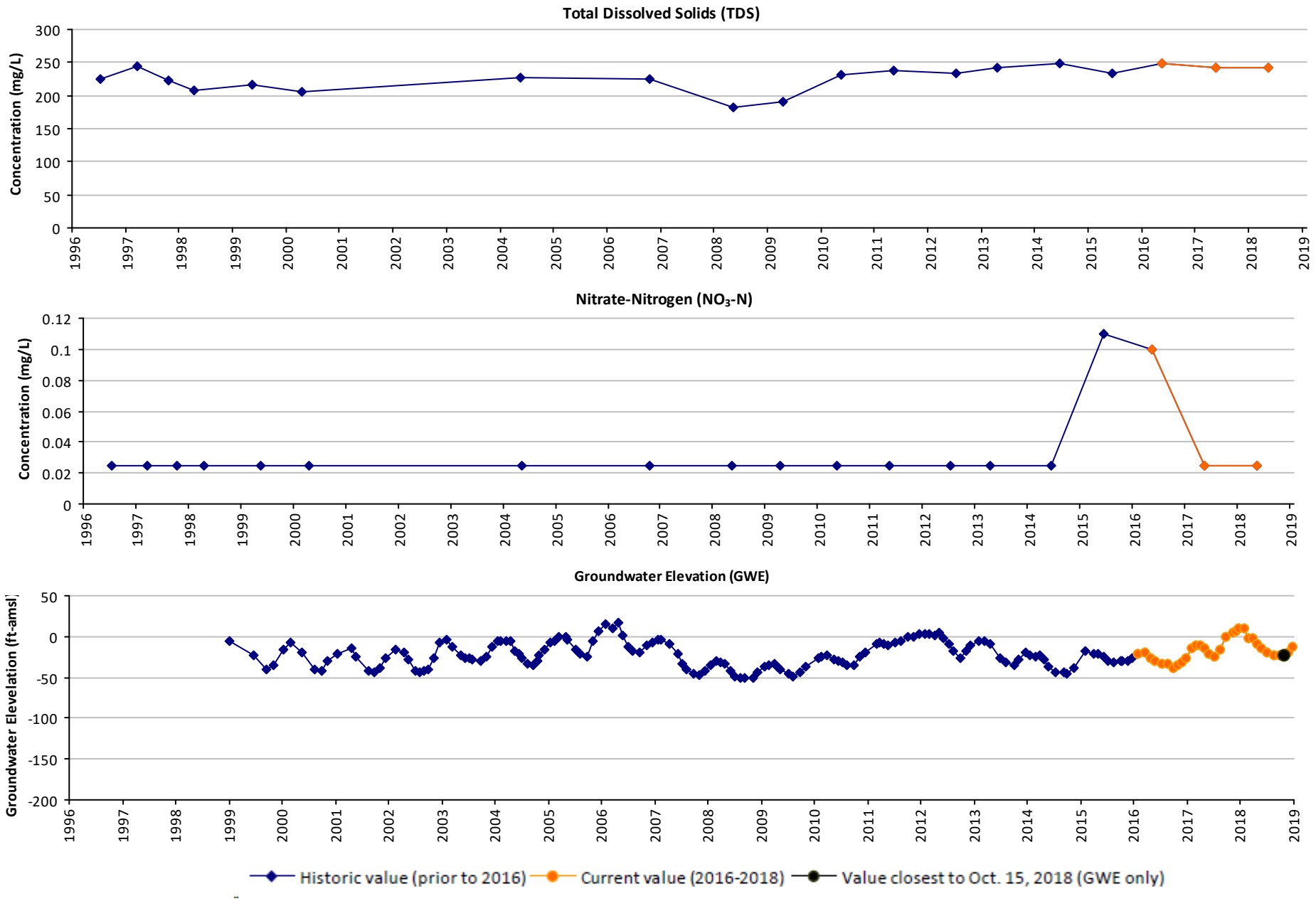
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

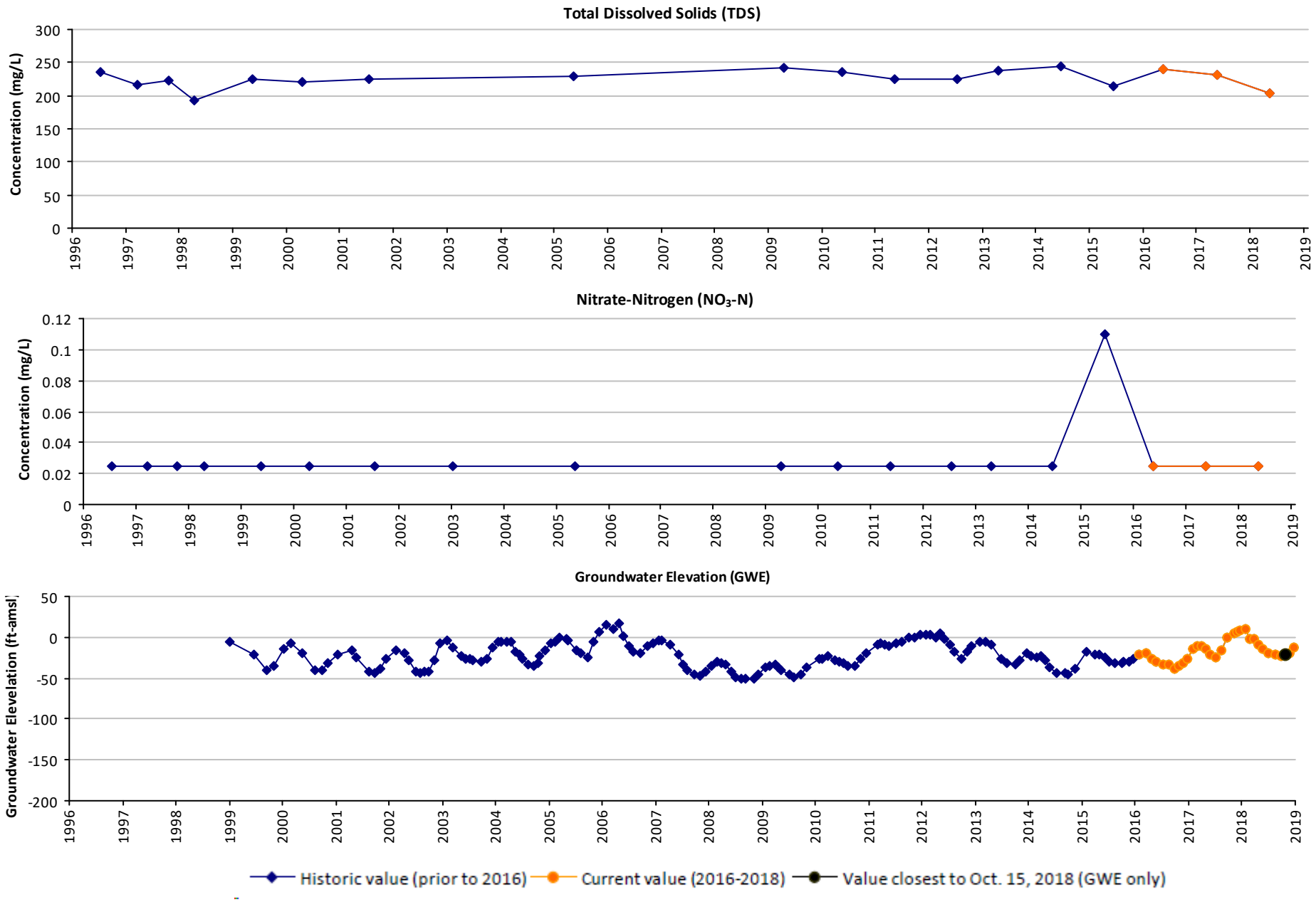

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

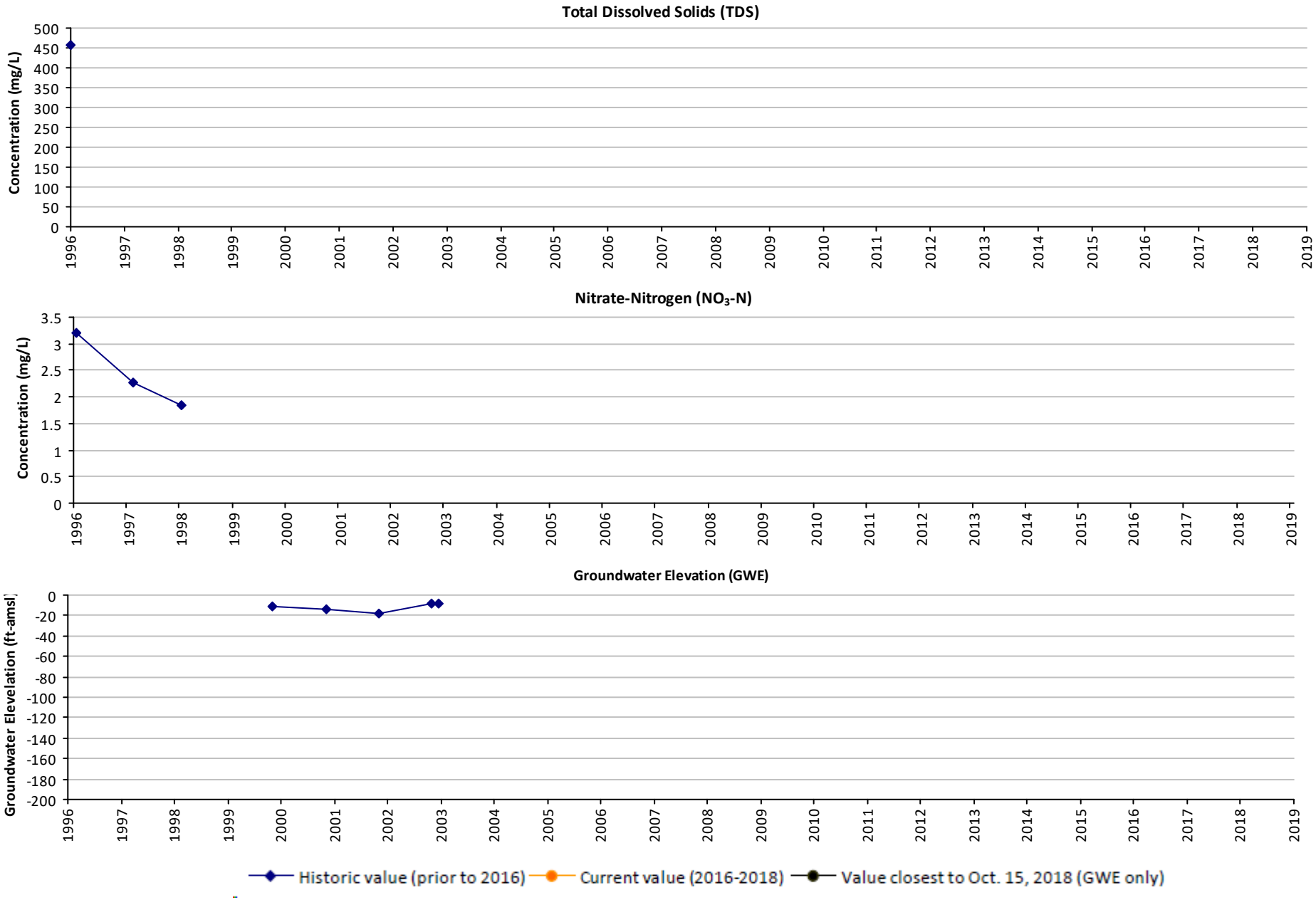

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

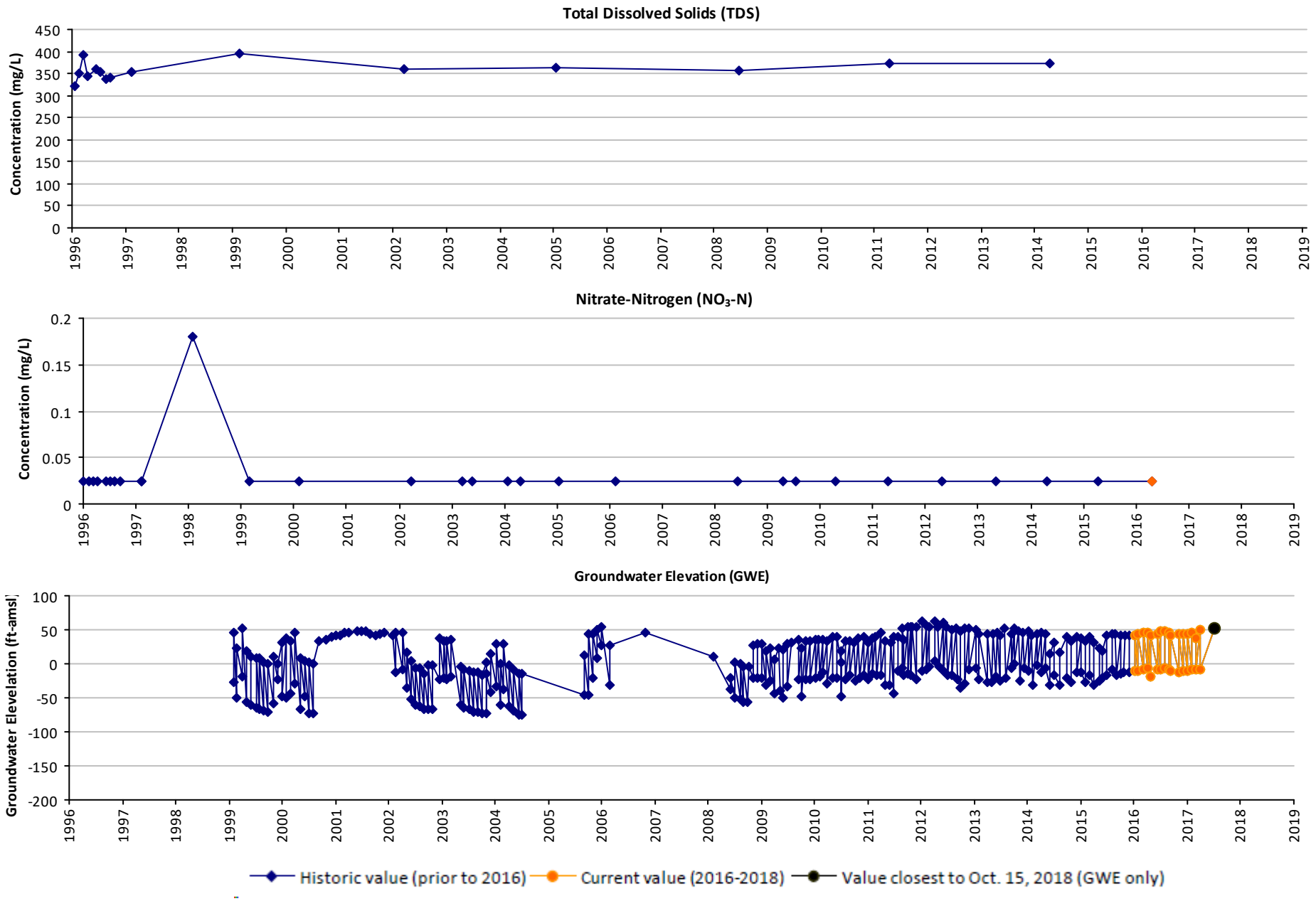

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

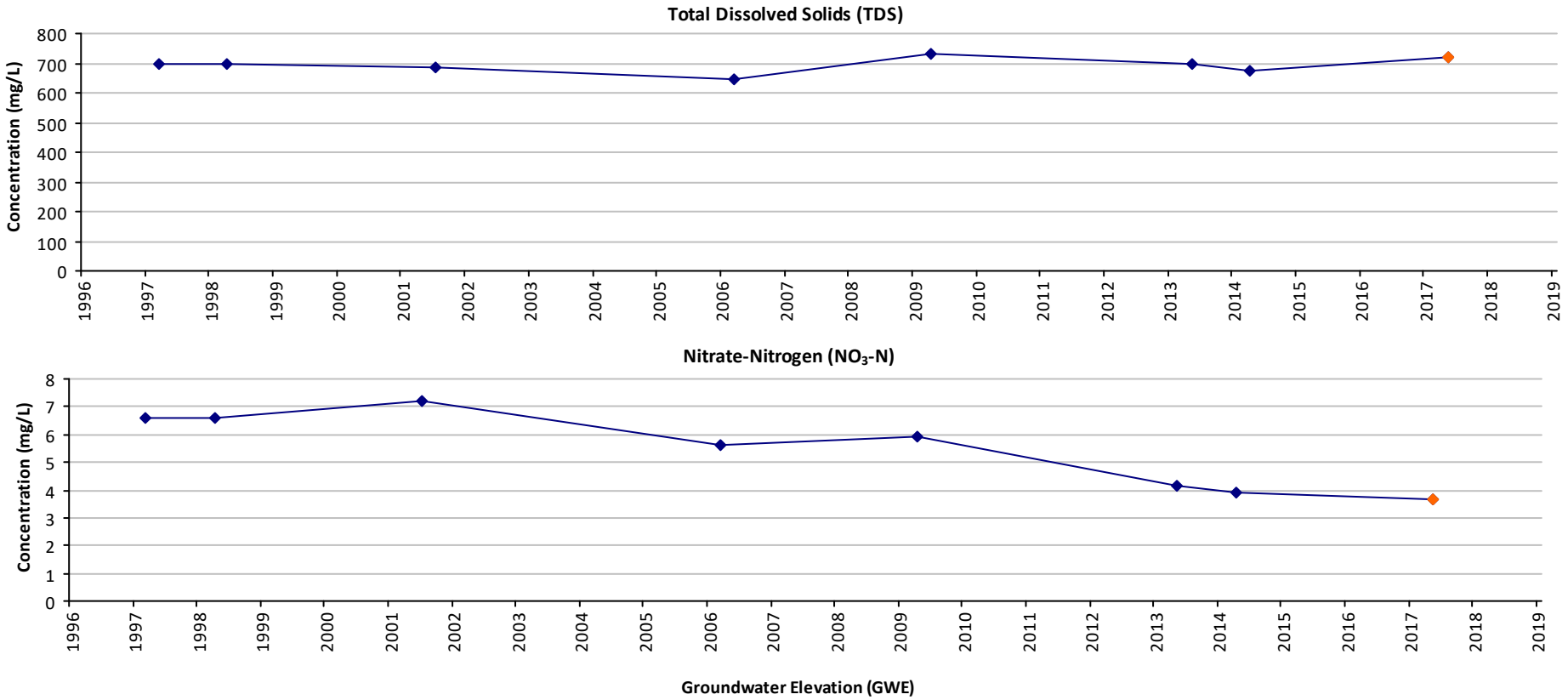

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

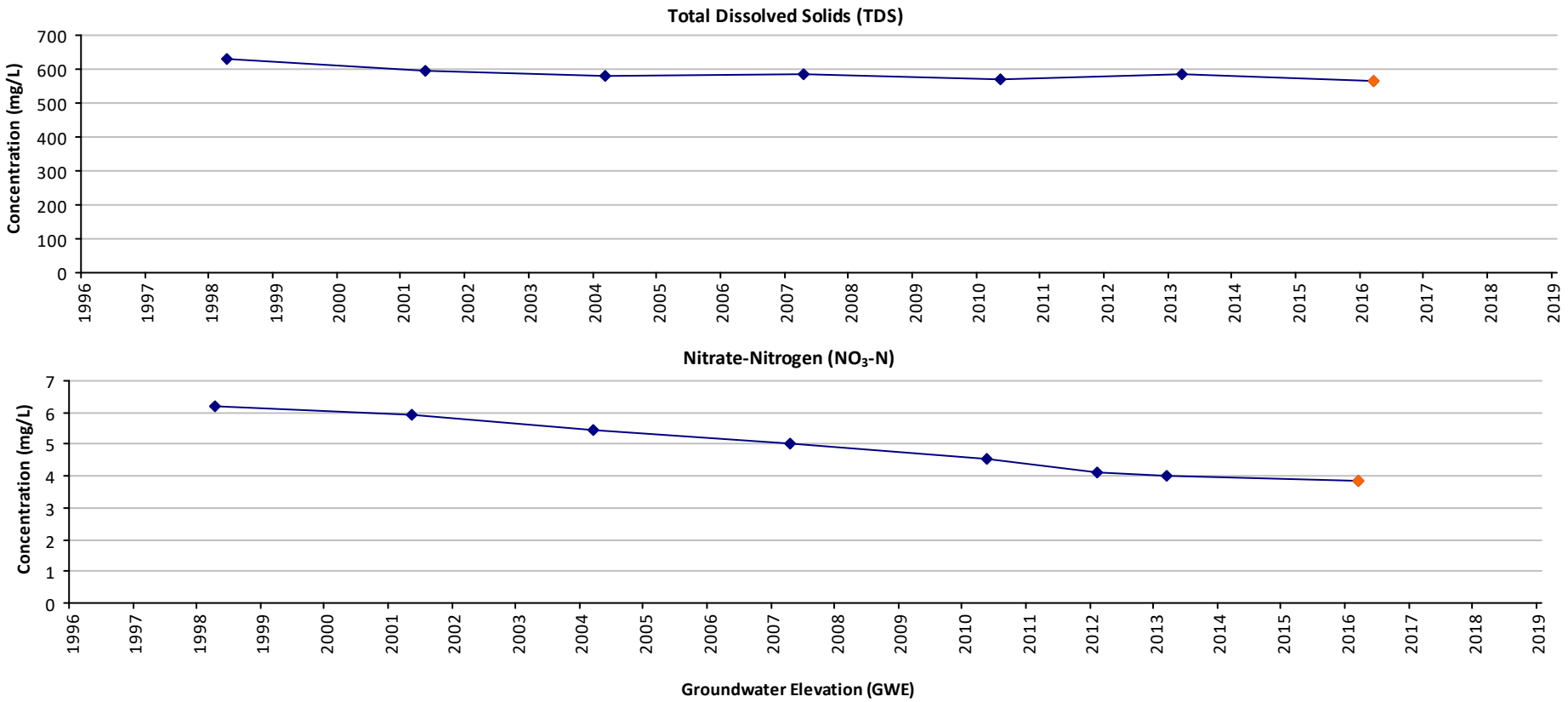

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

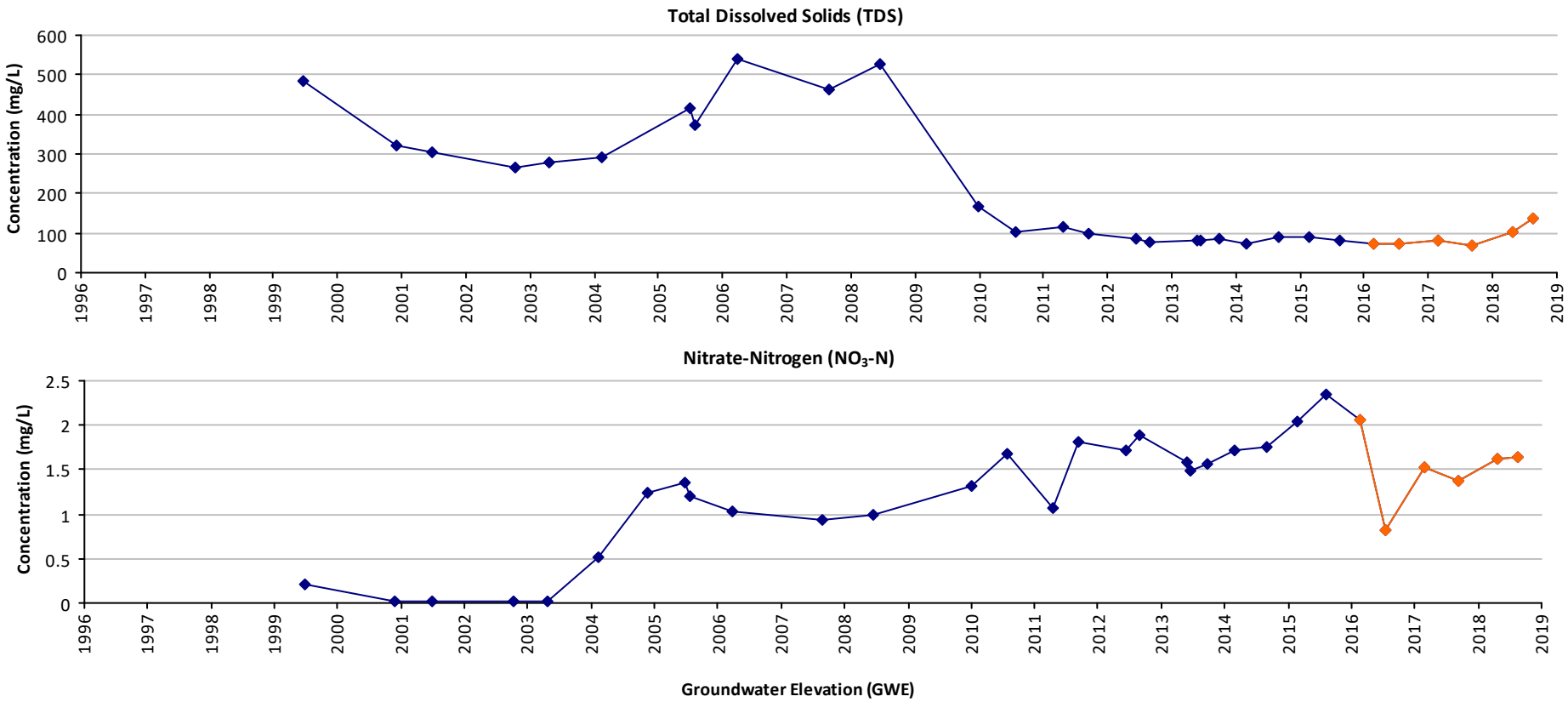

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

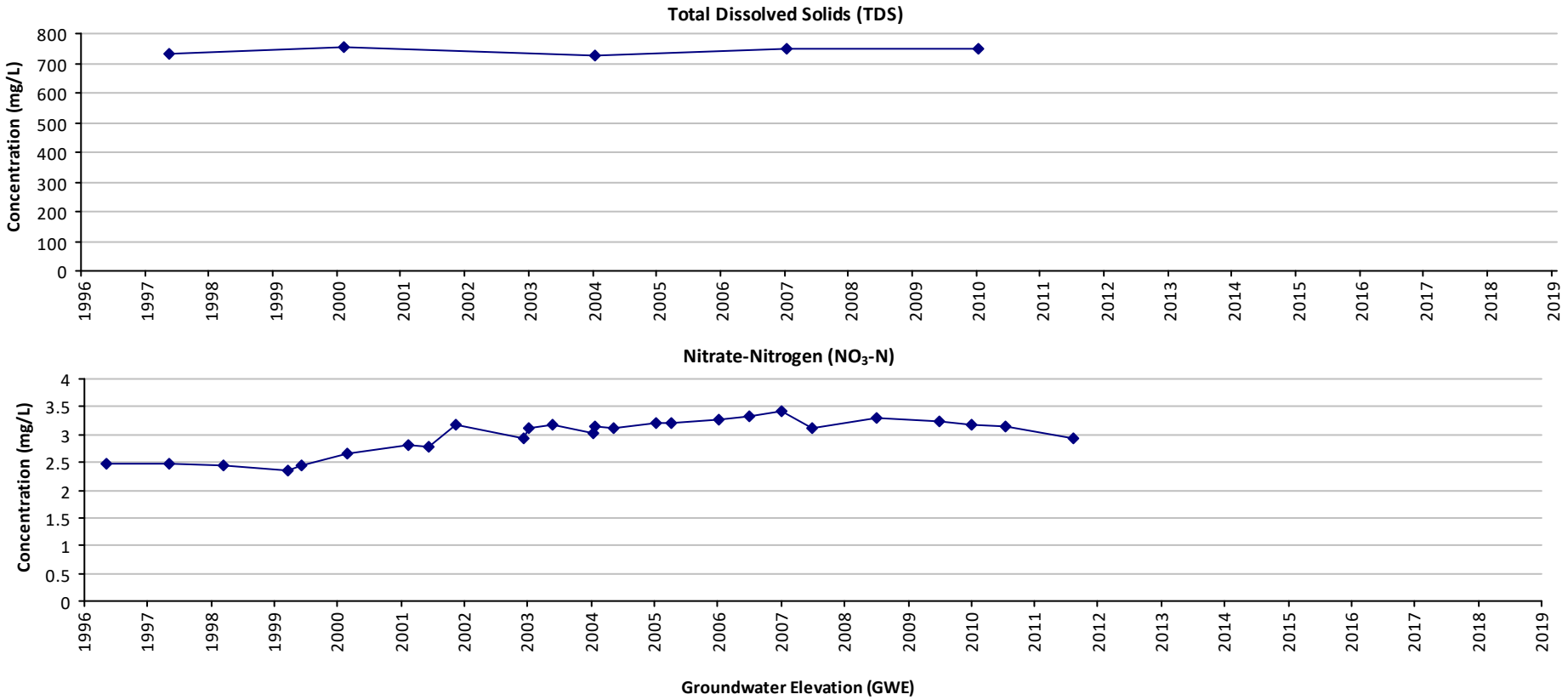

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

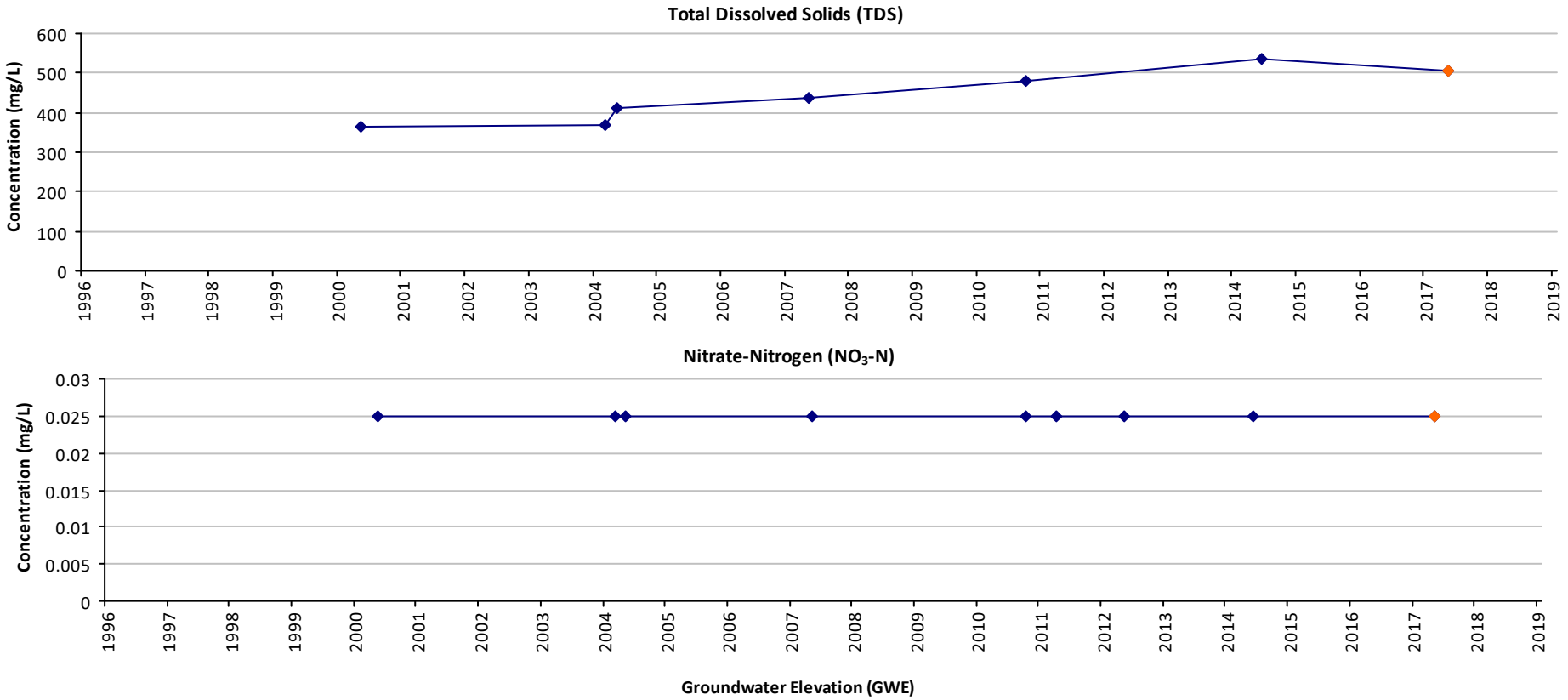

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

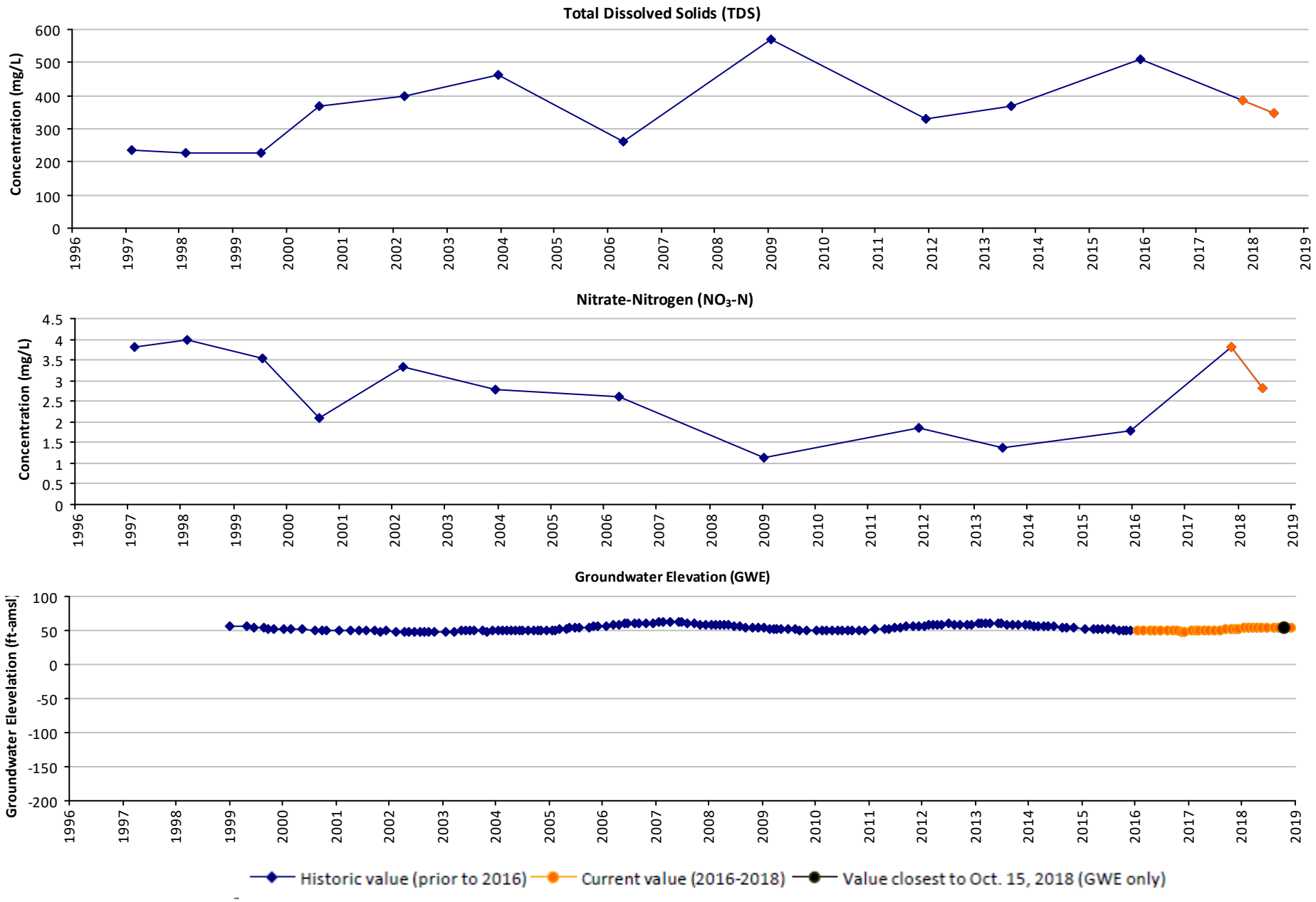


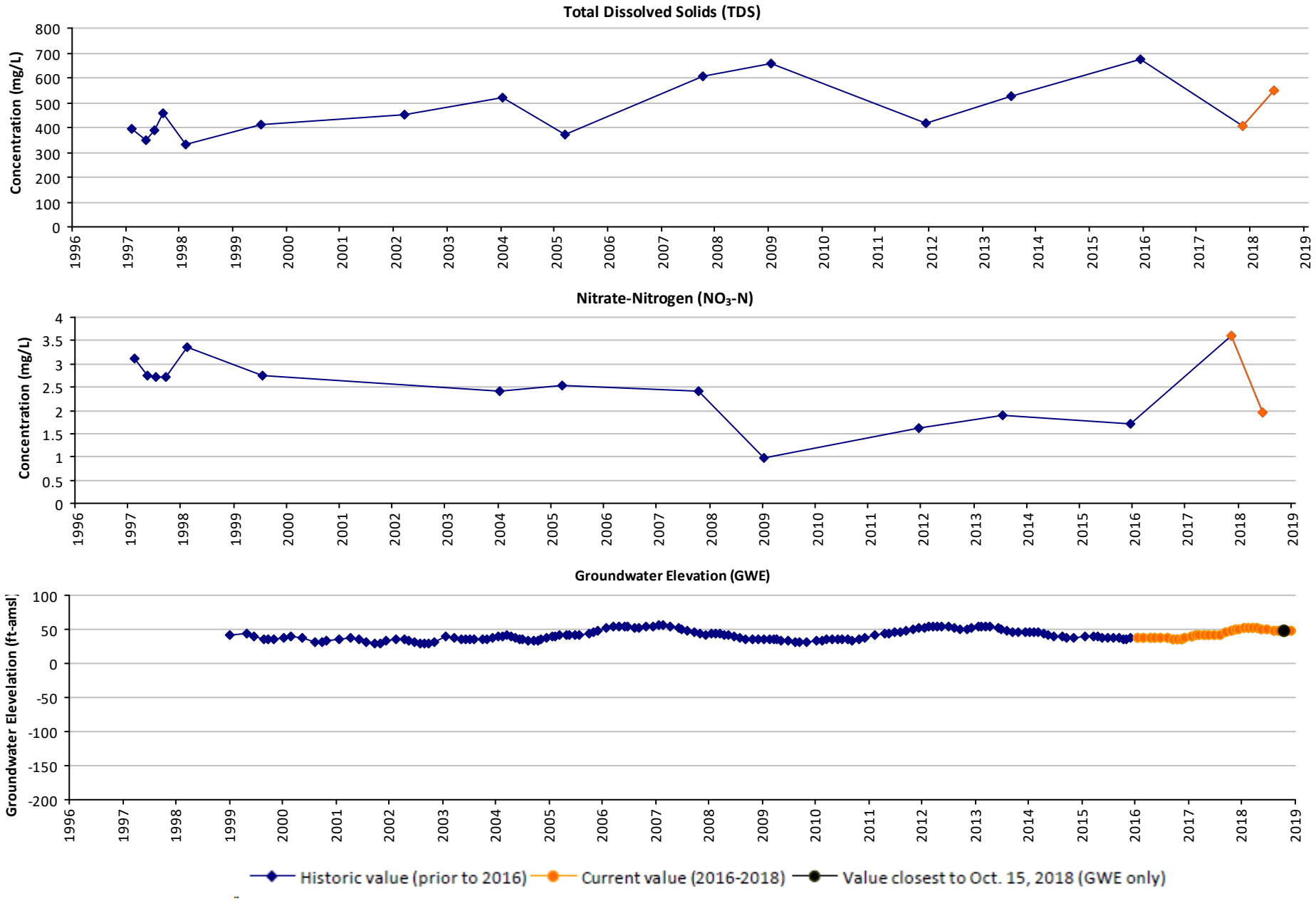
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

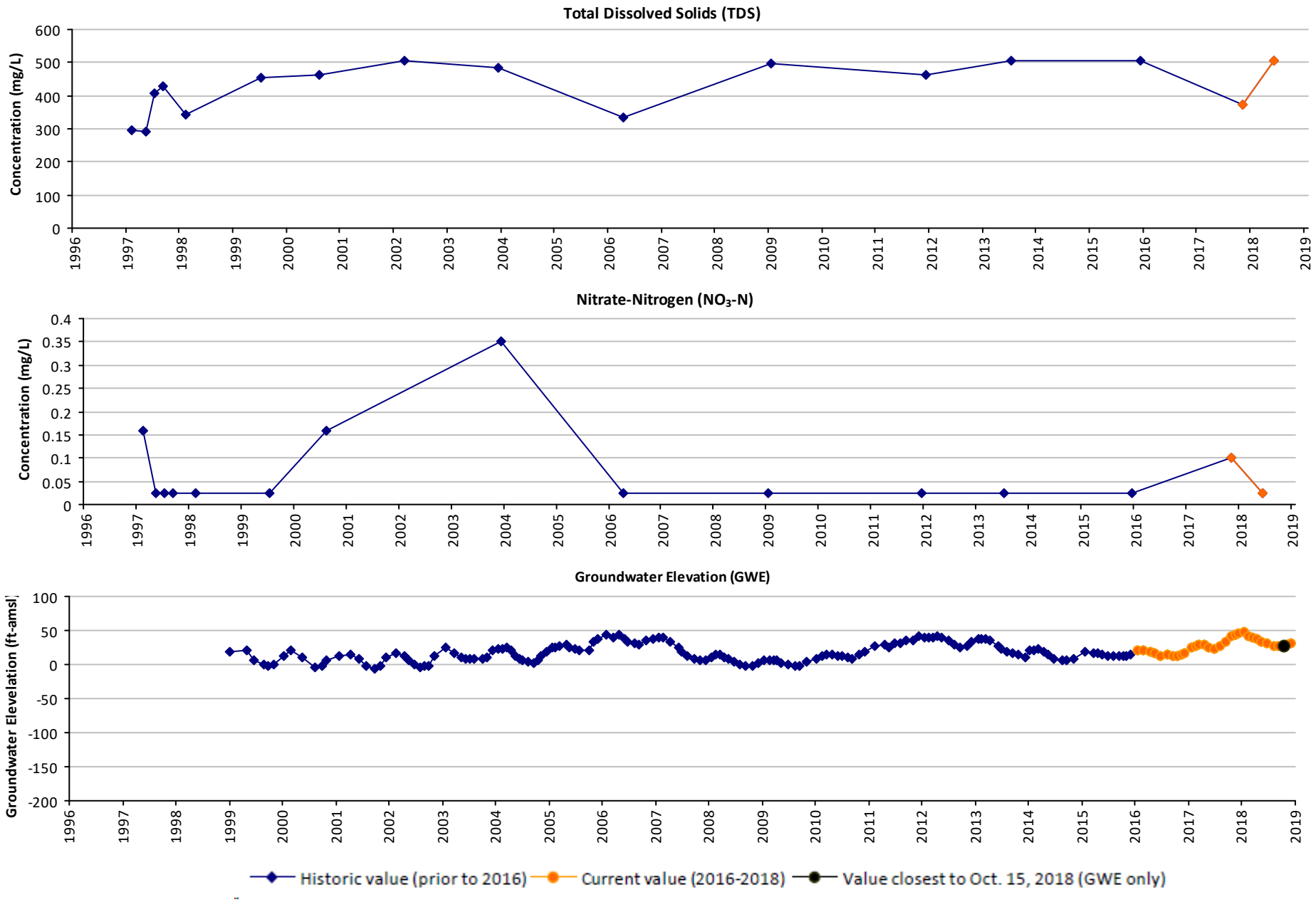

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

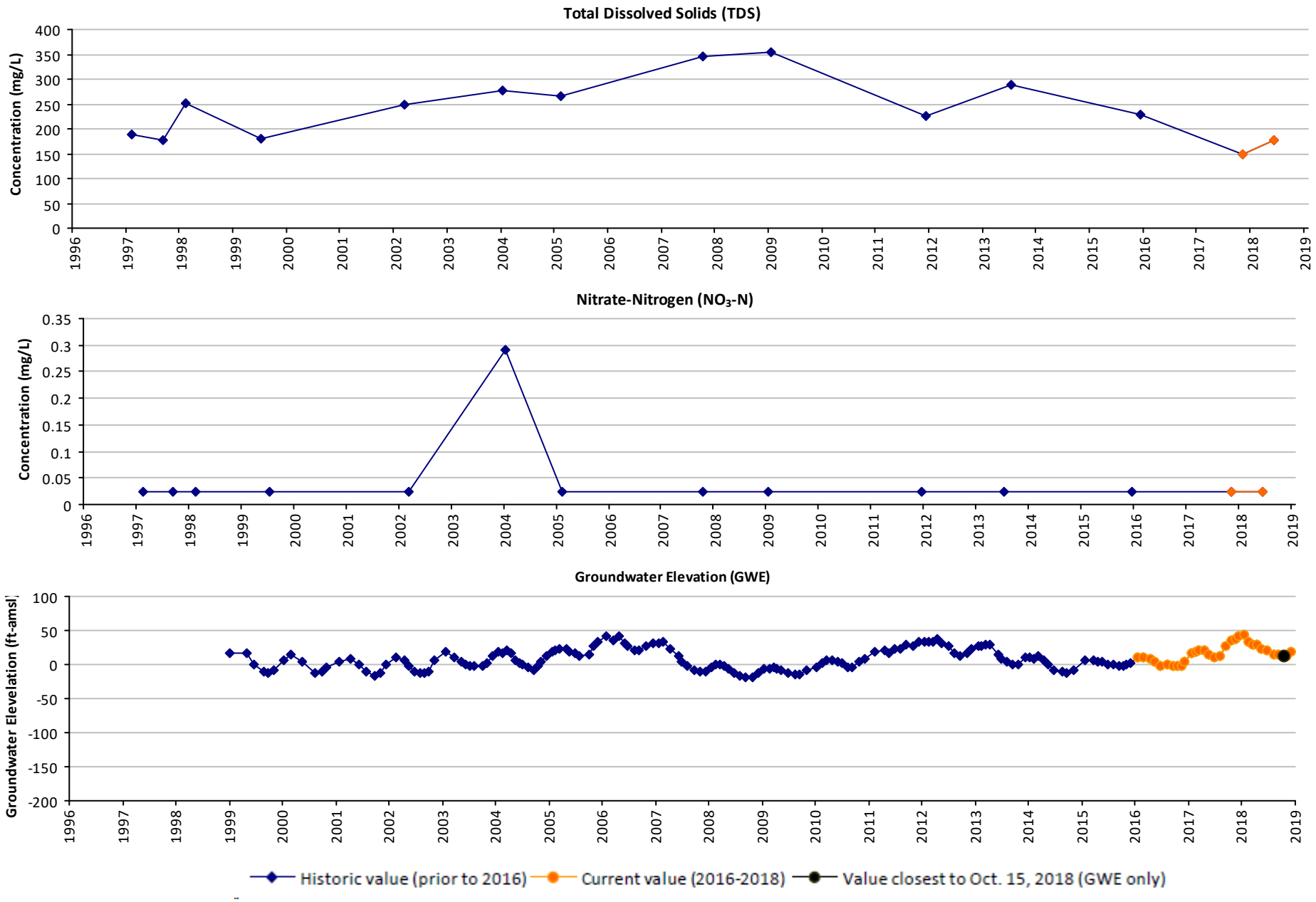

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

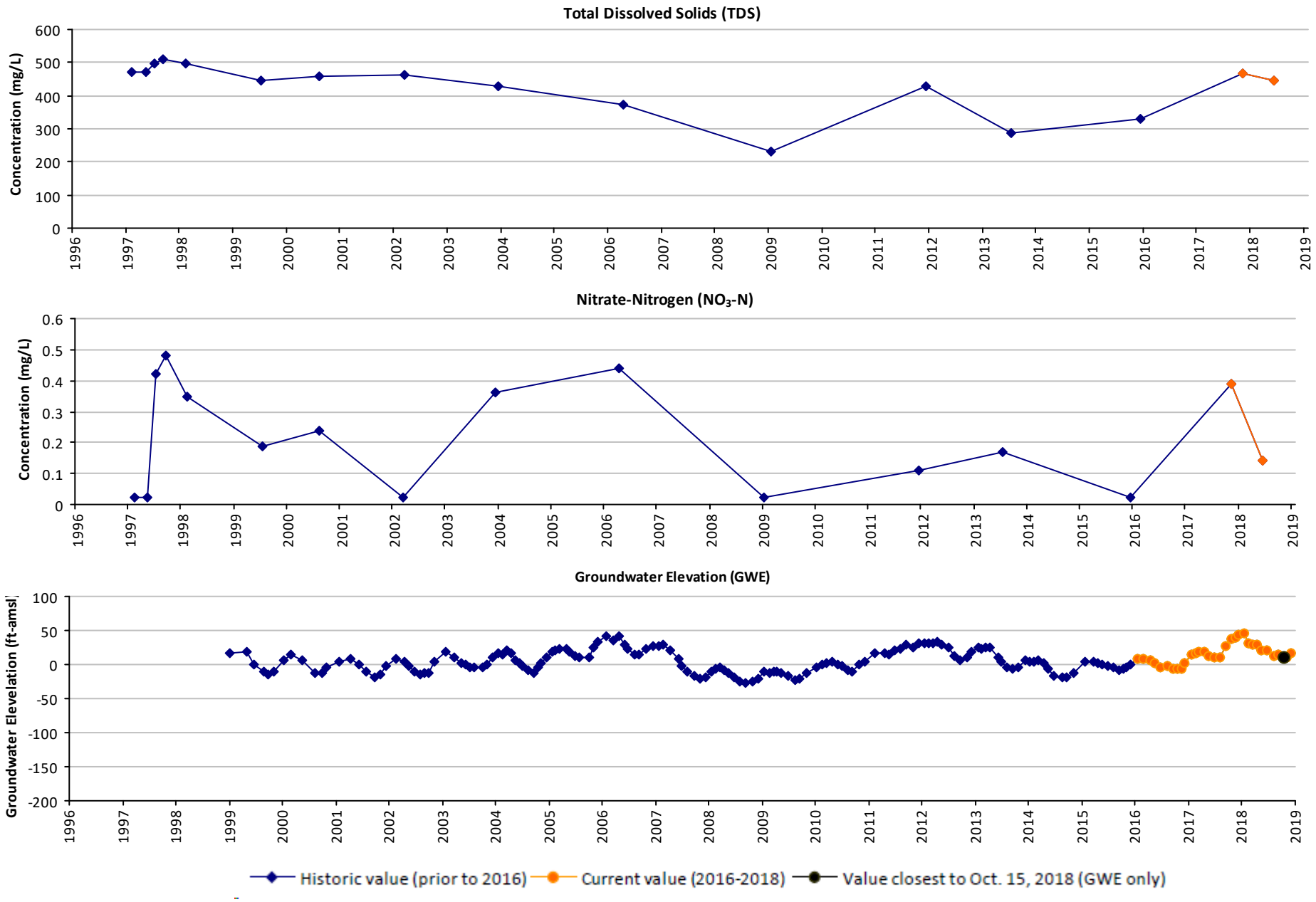

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

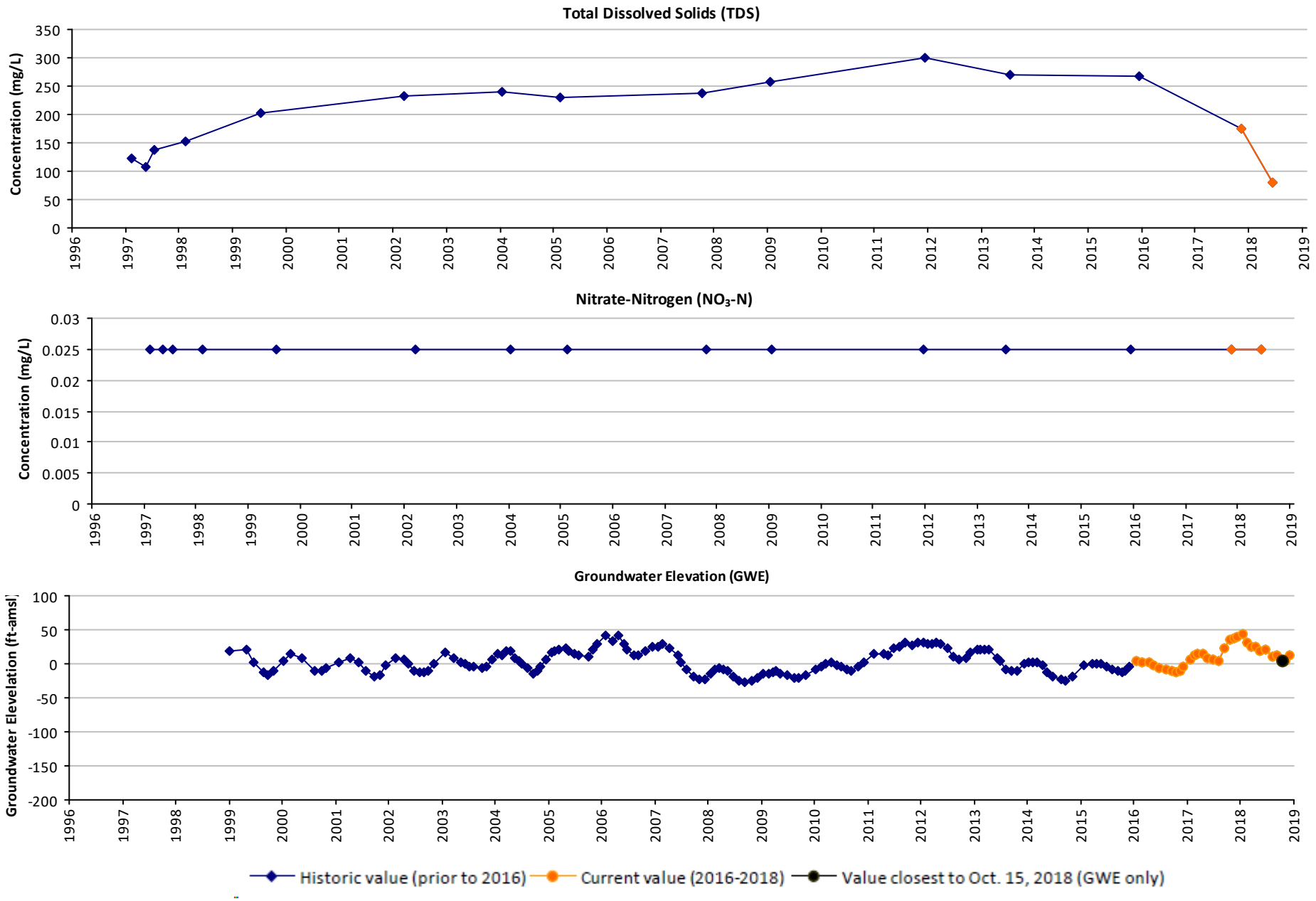

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

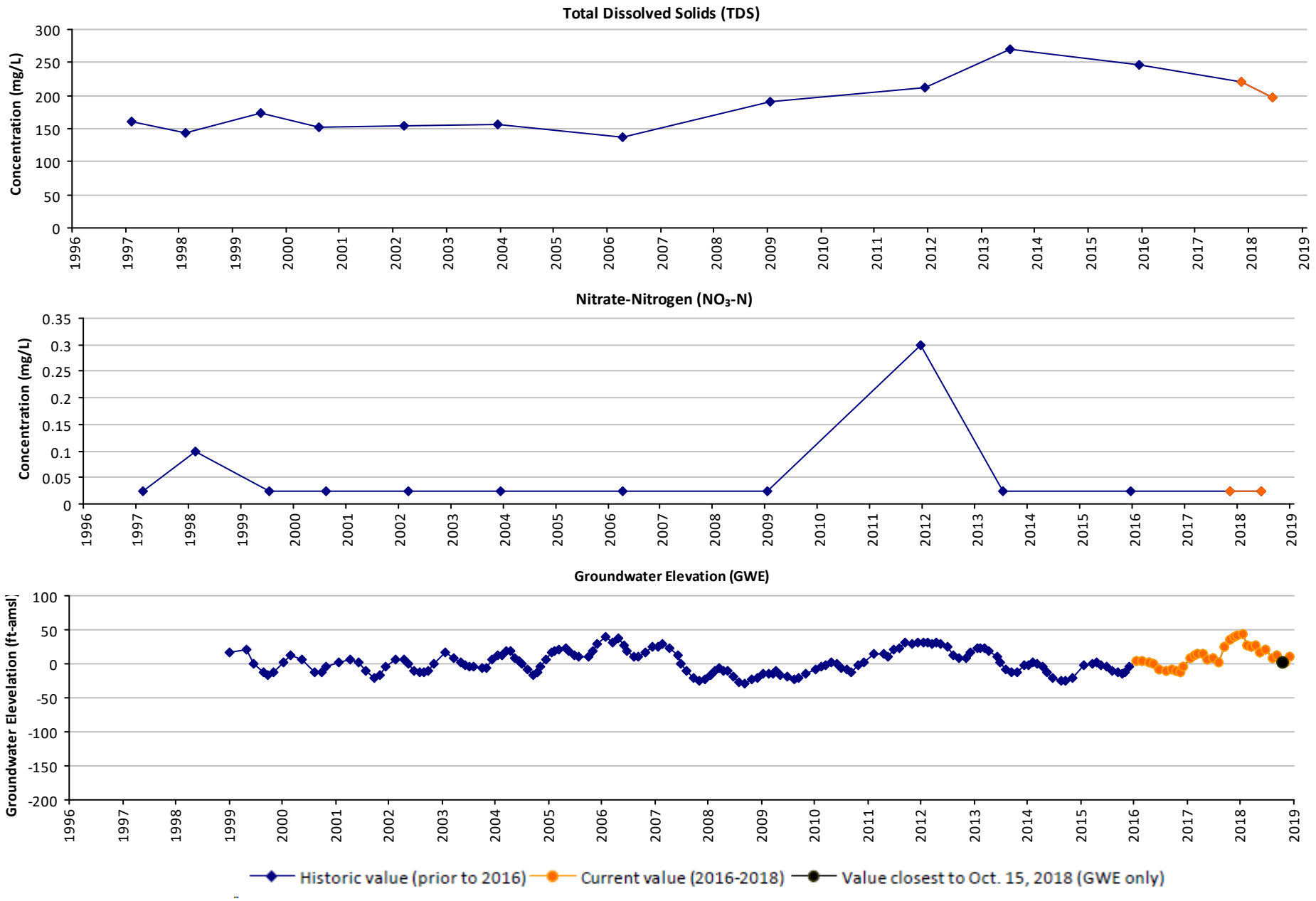

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

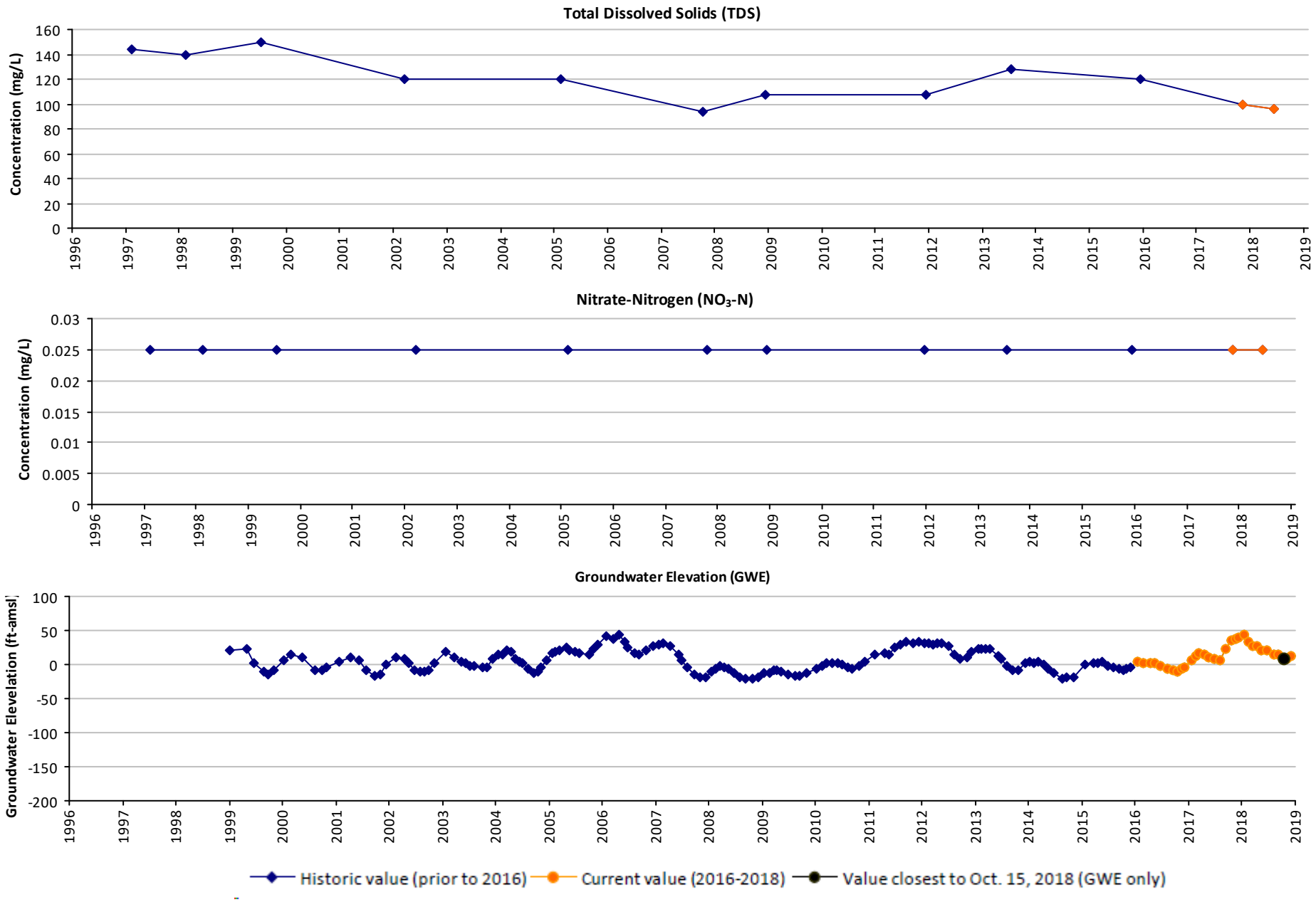

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

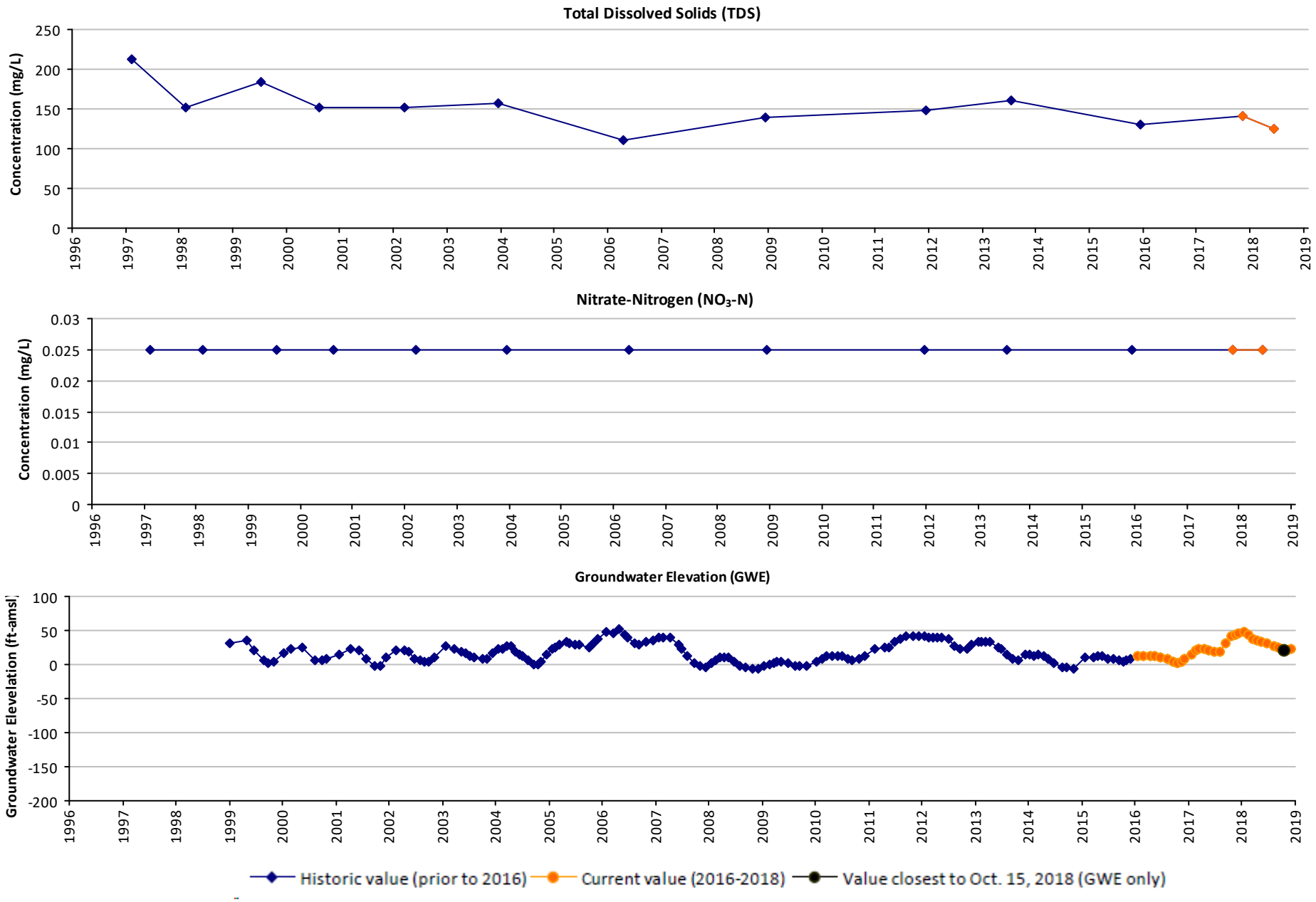

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

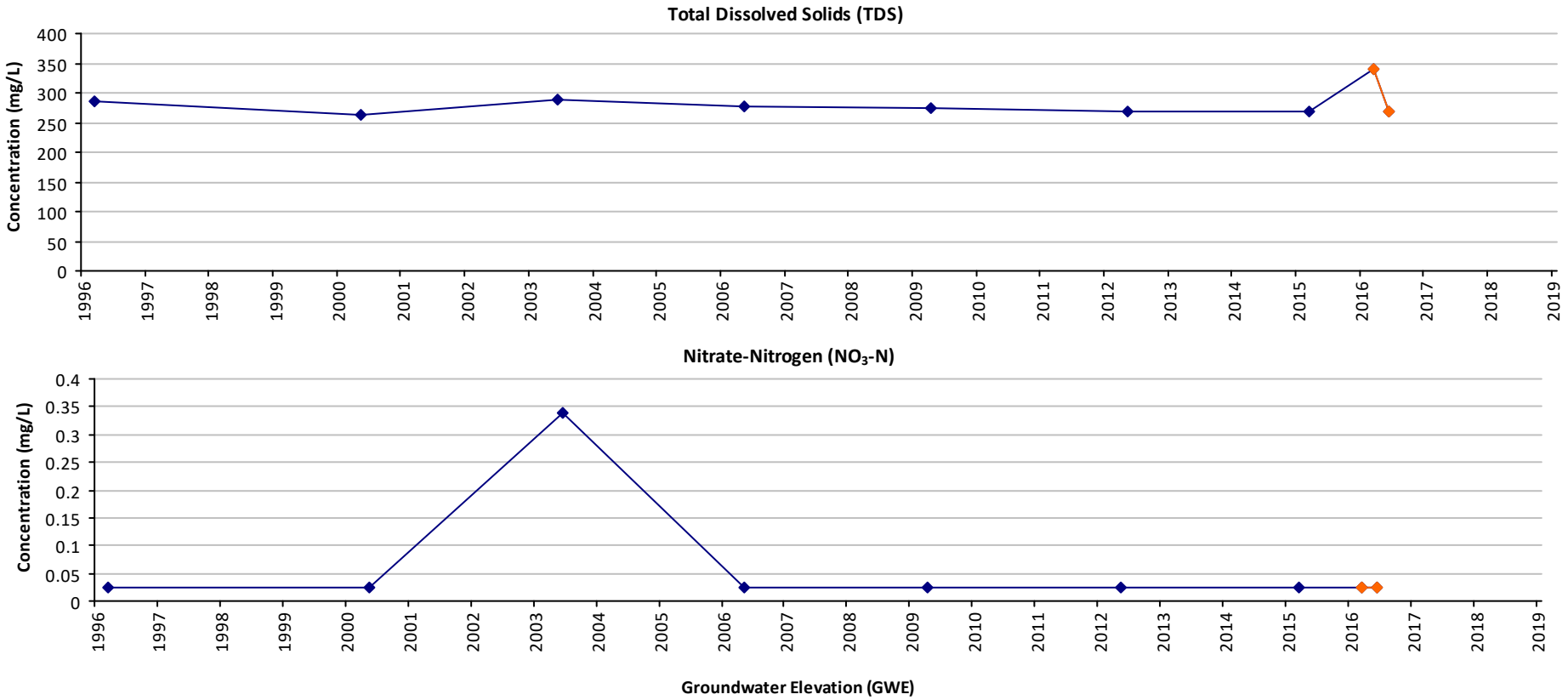

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

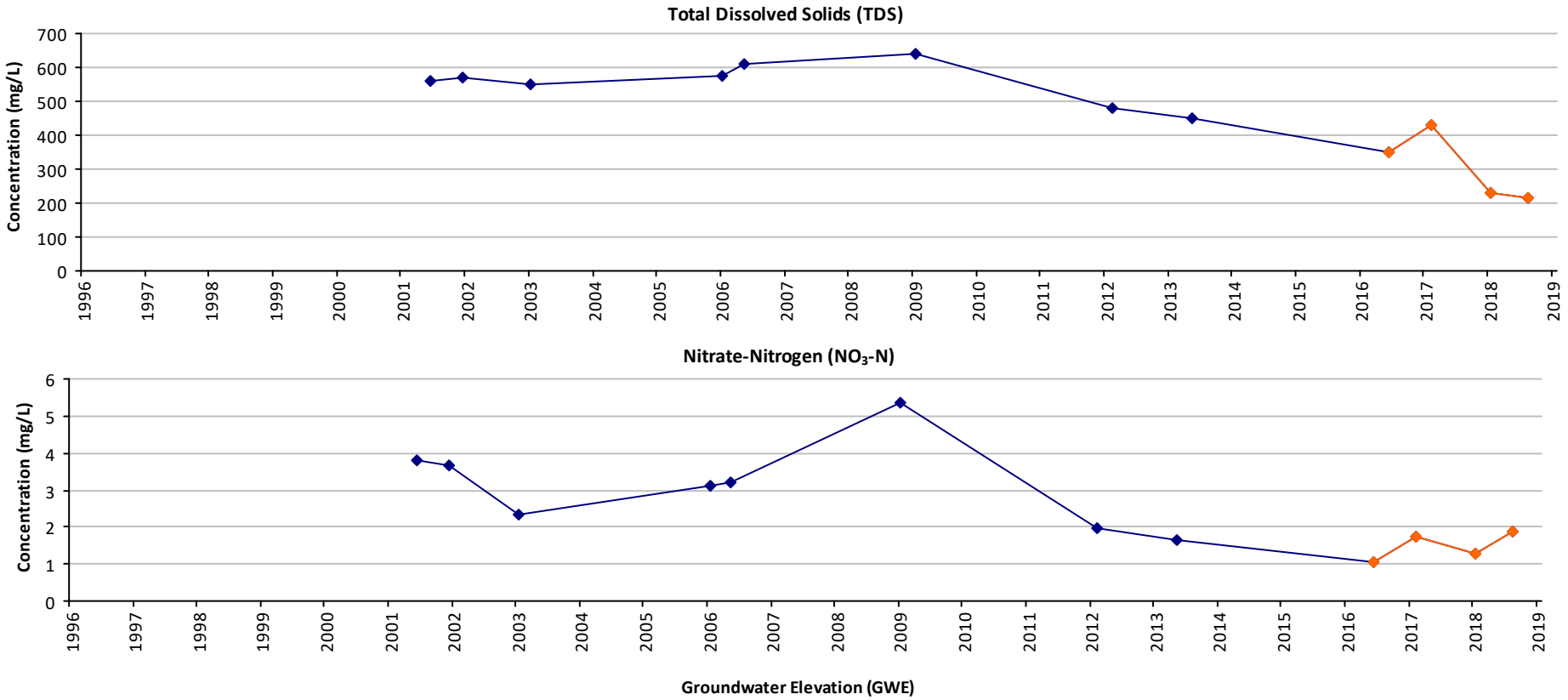

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

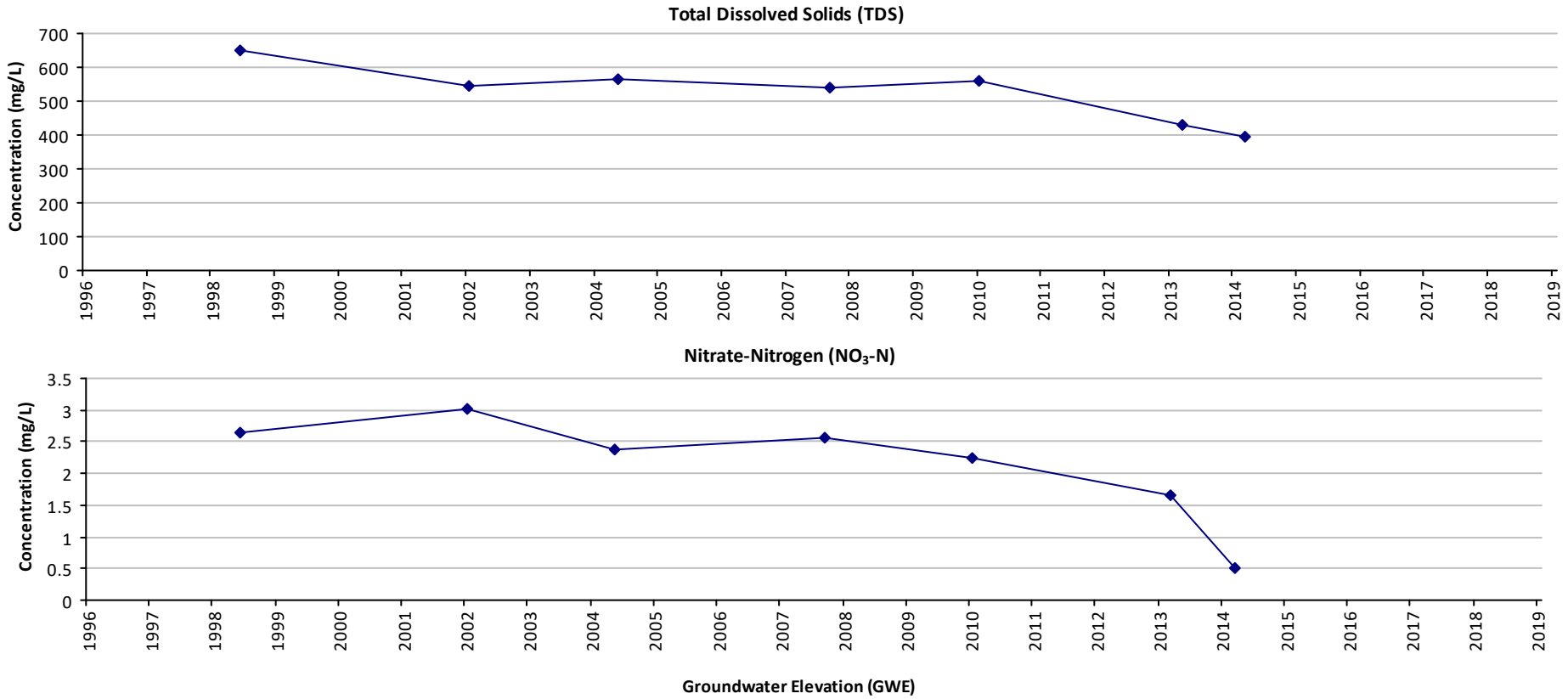

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

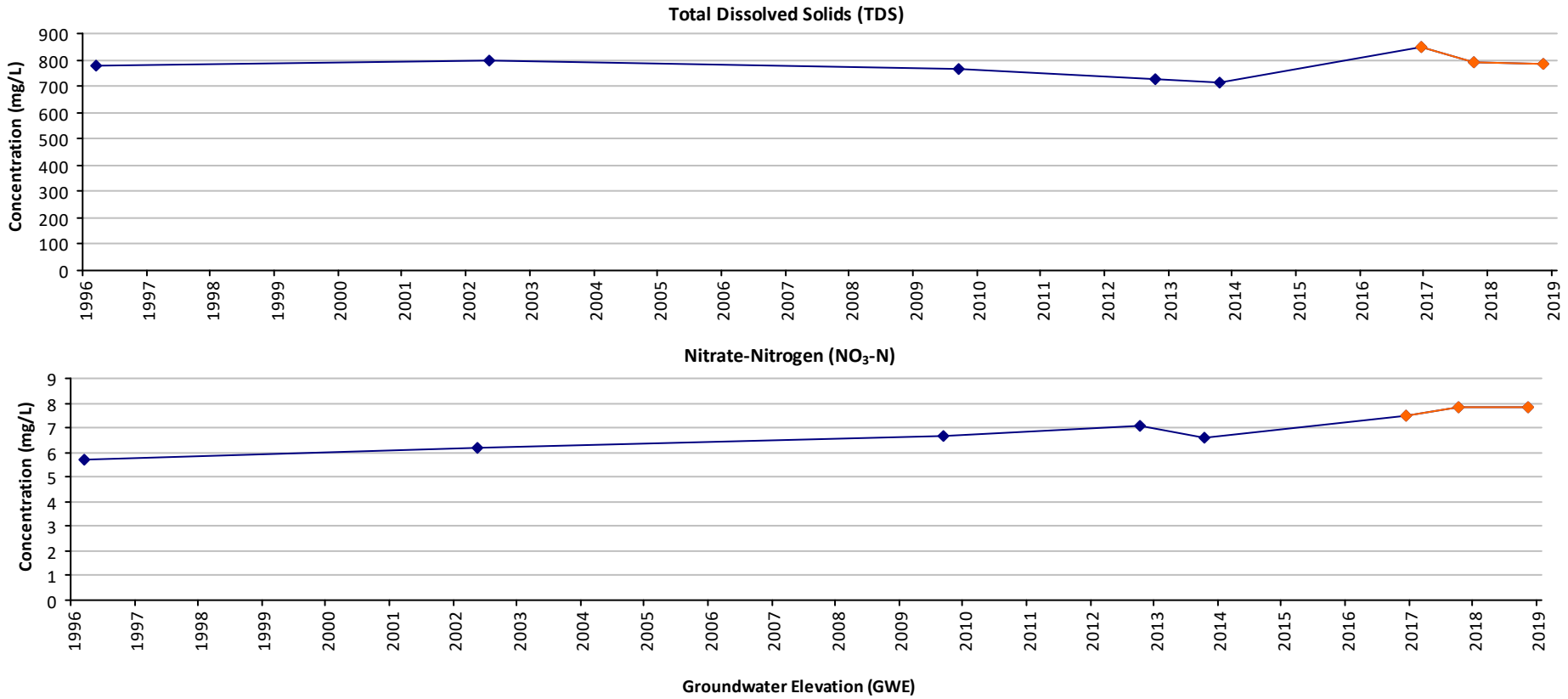

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

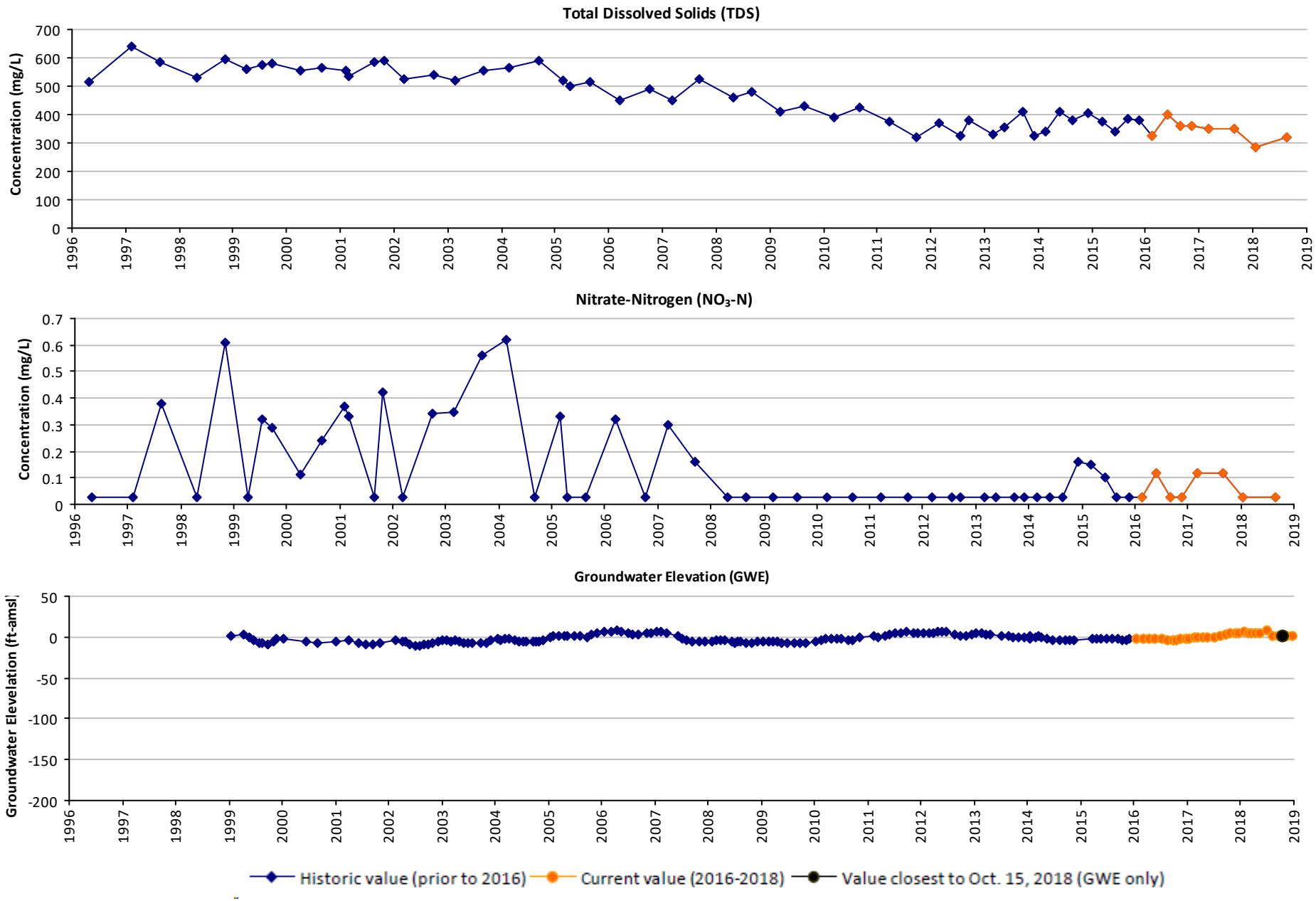


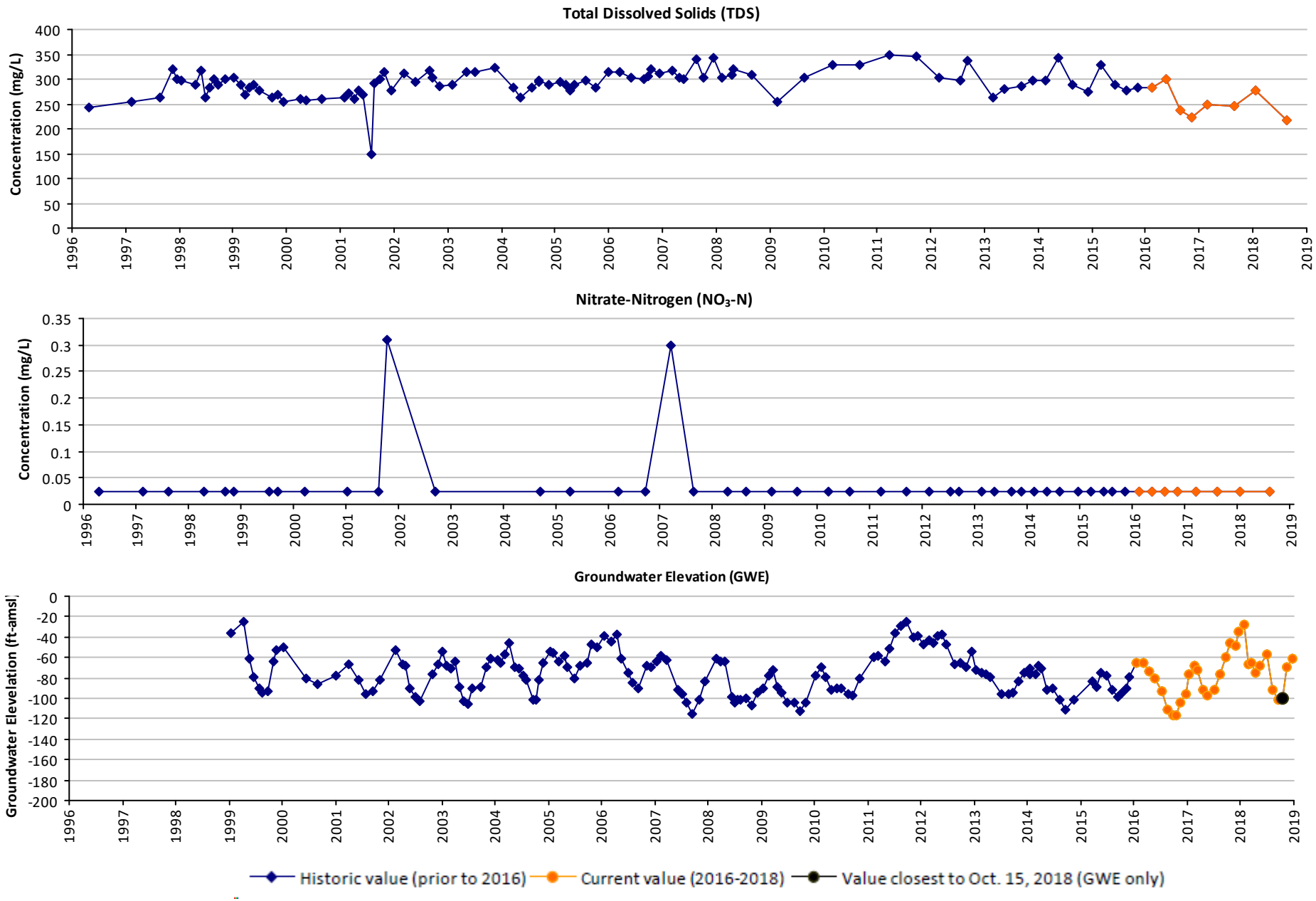
Groundwater Elevation (GWE)

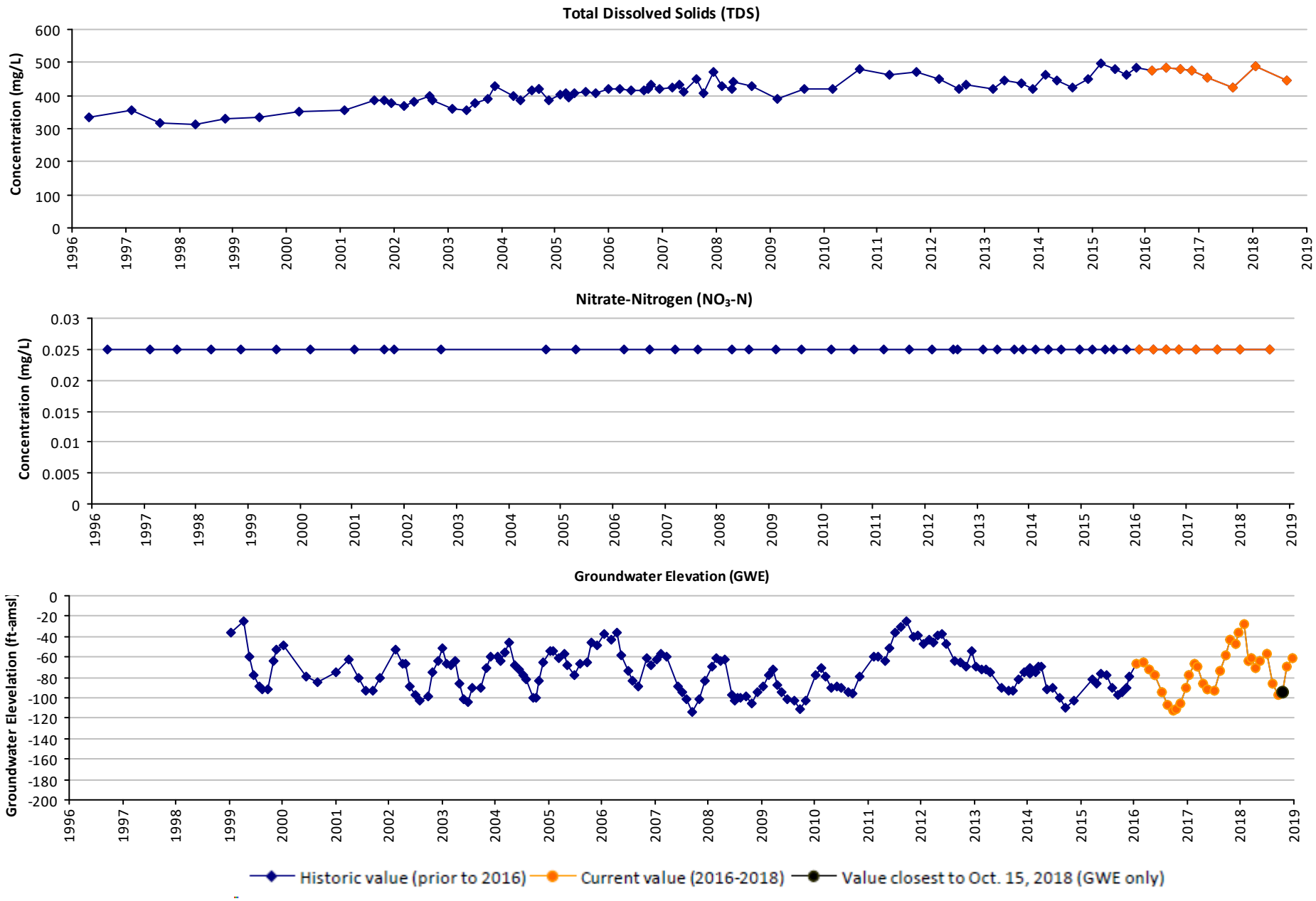
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

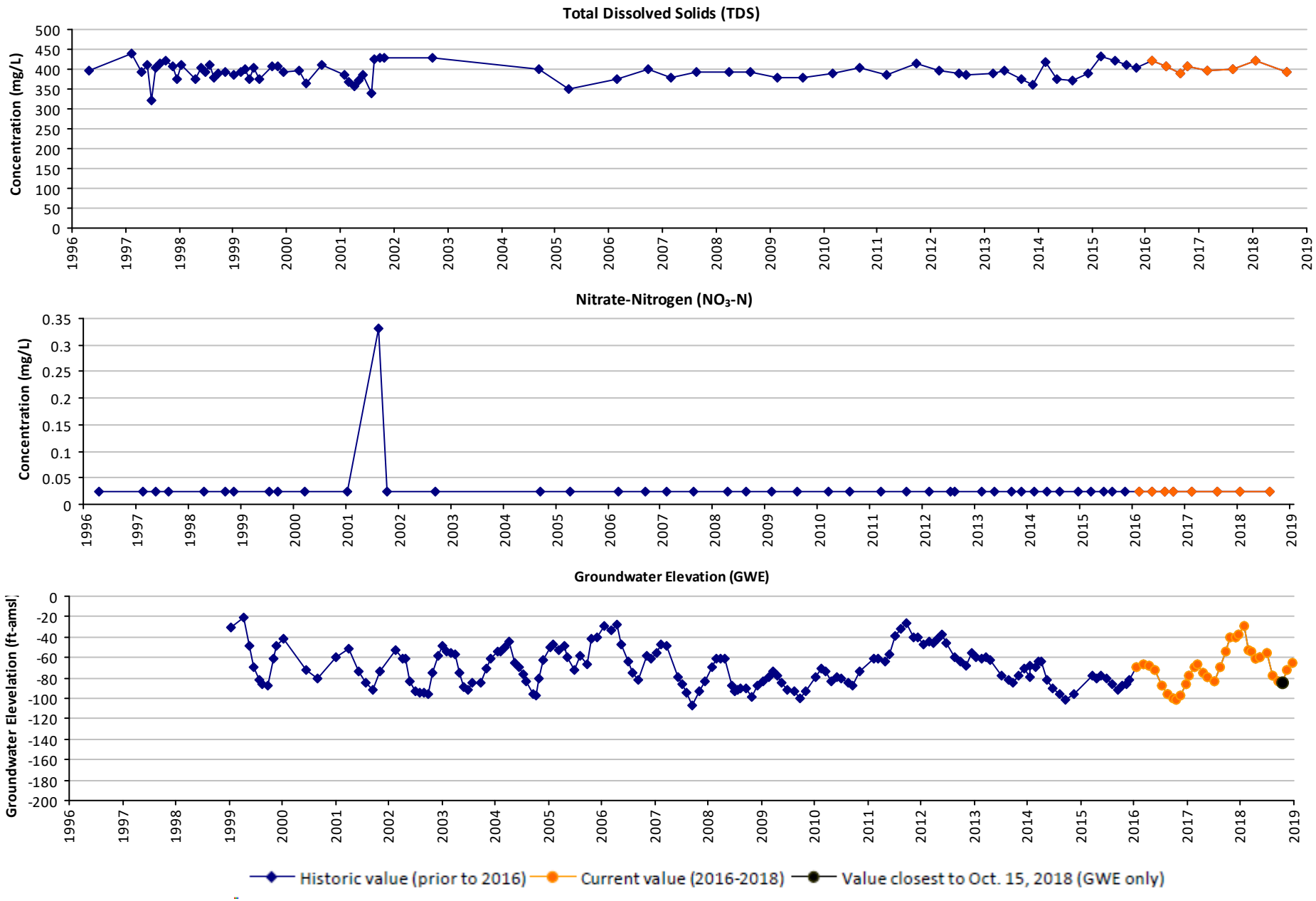

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

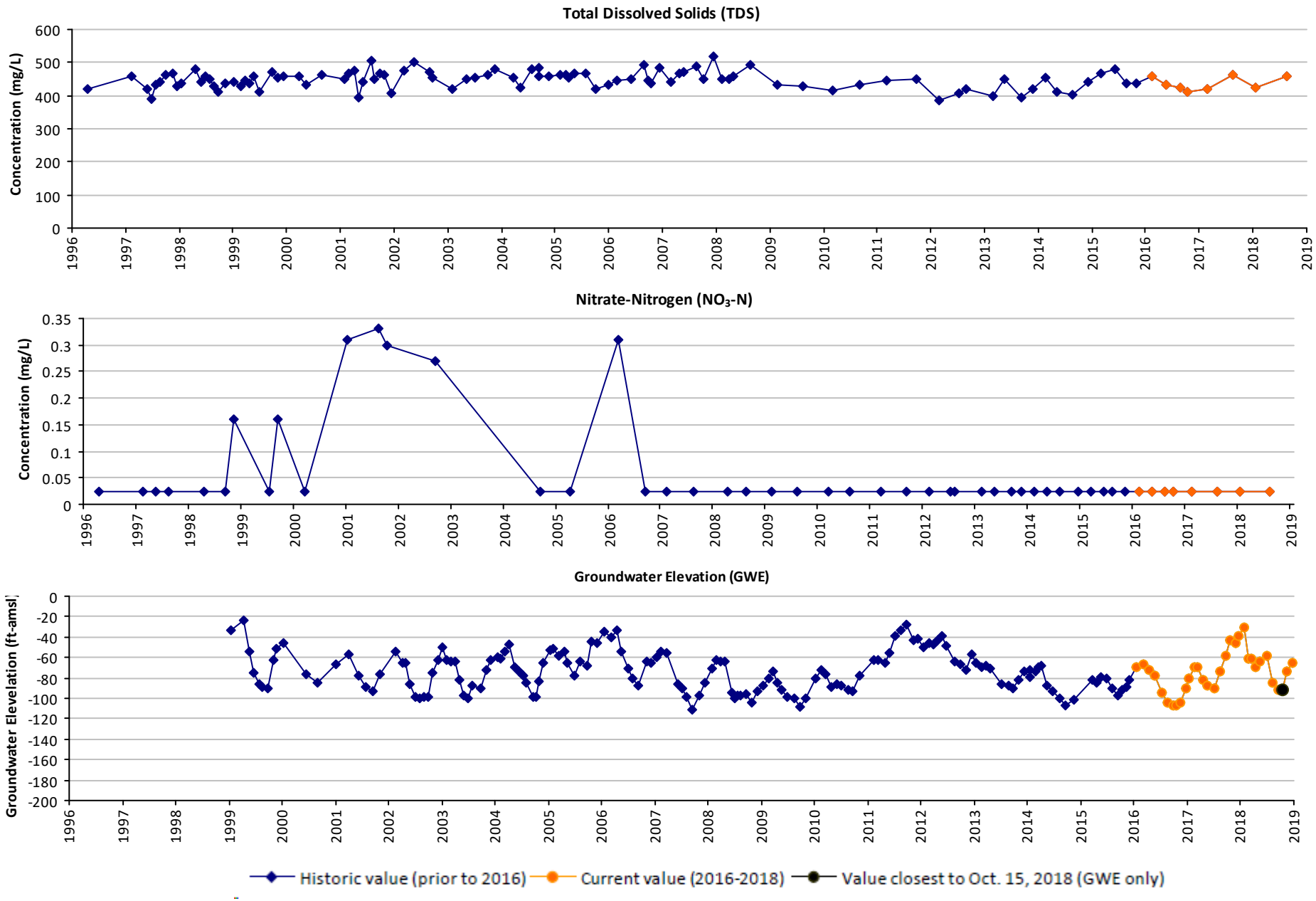

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

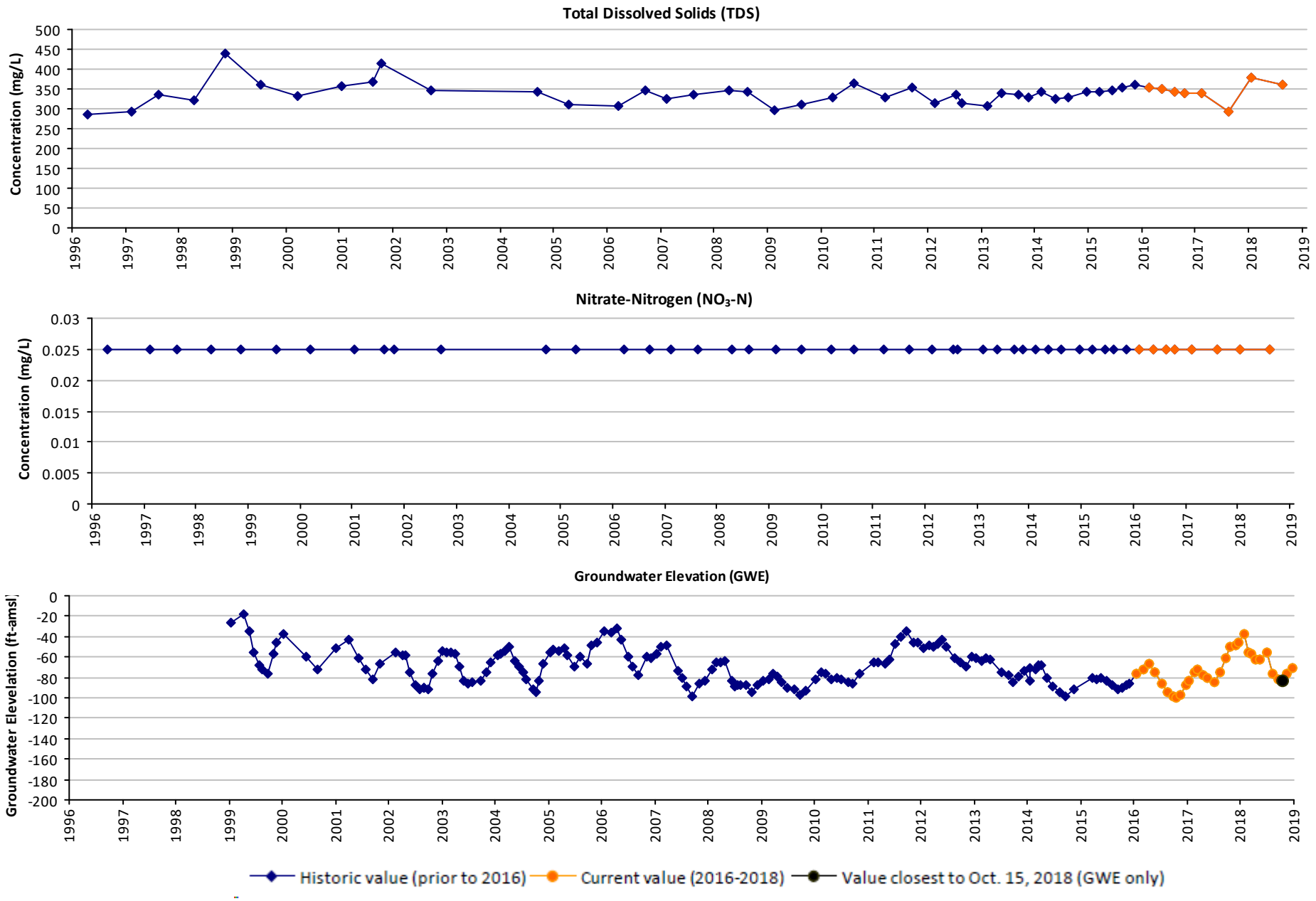

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

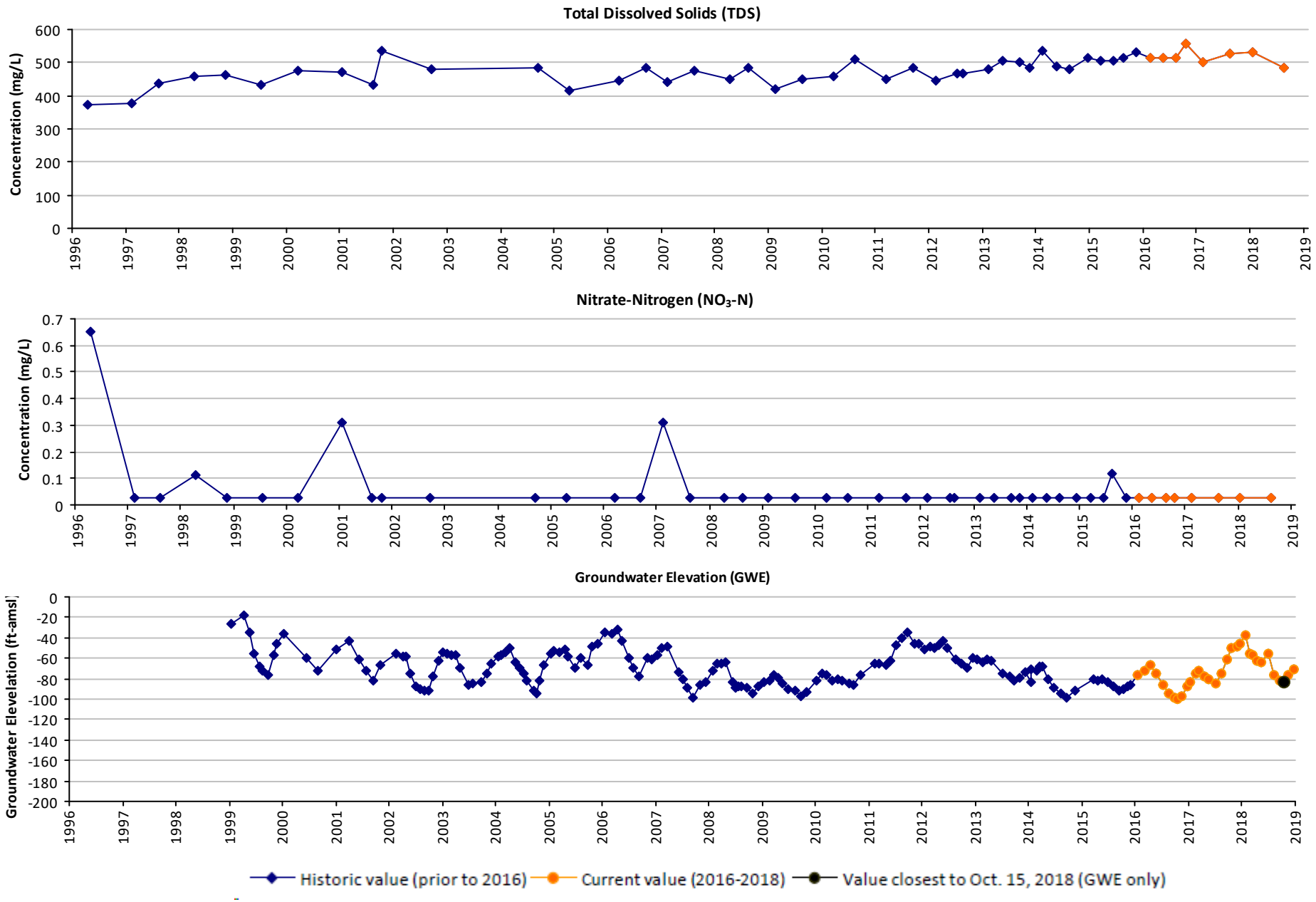

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

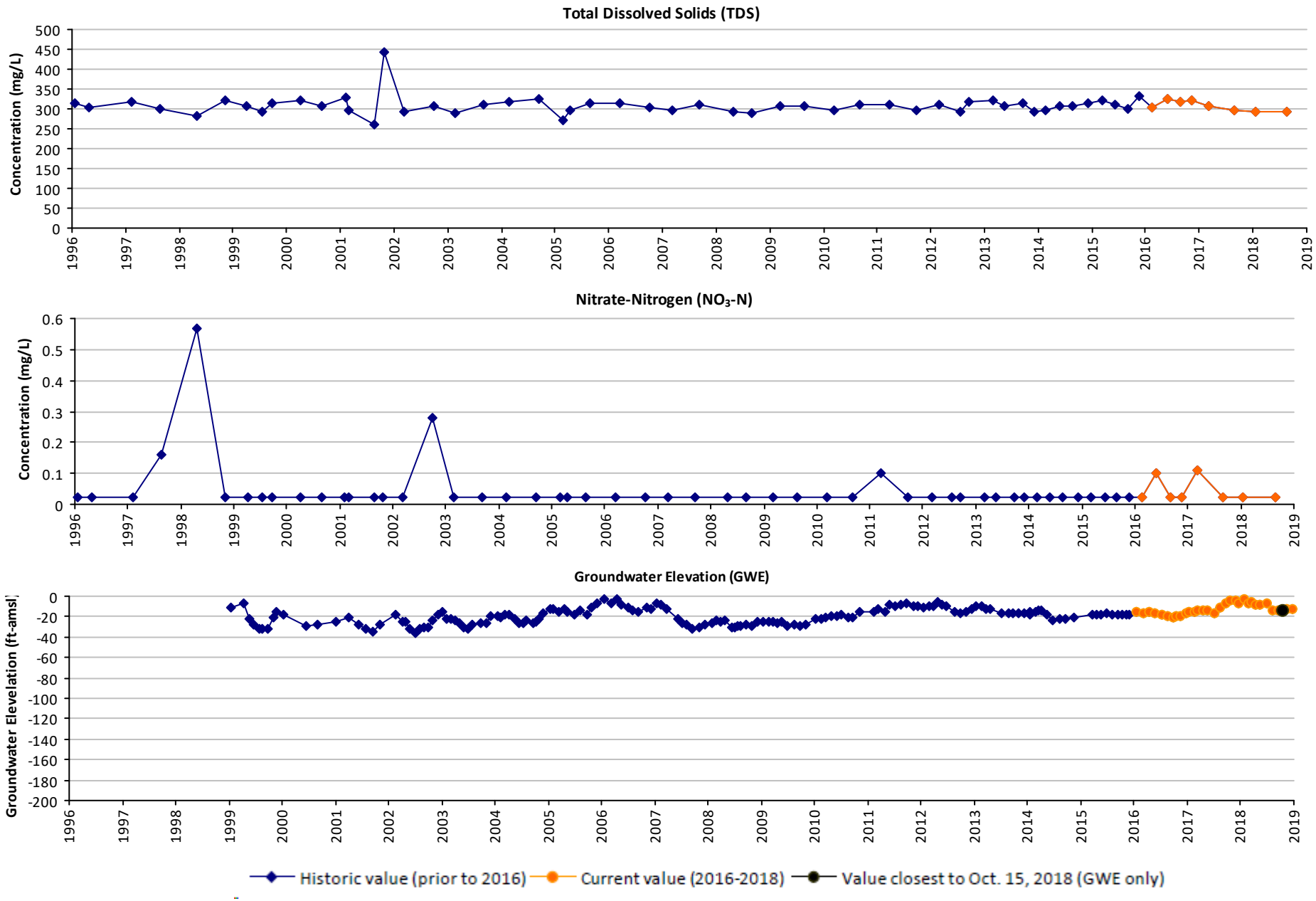

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

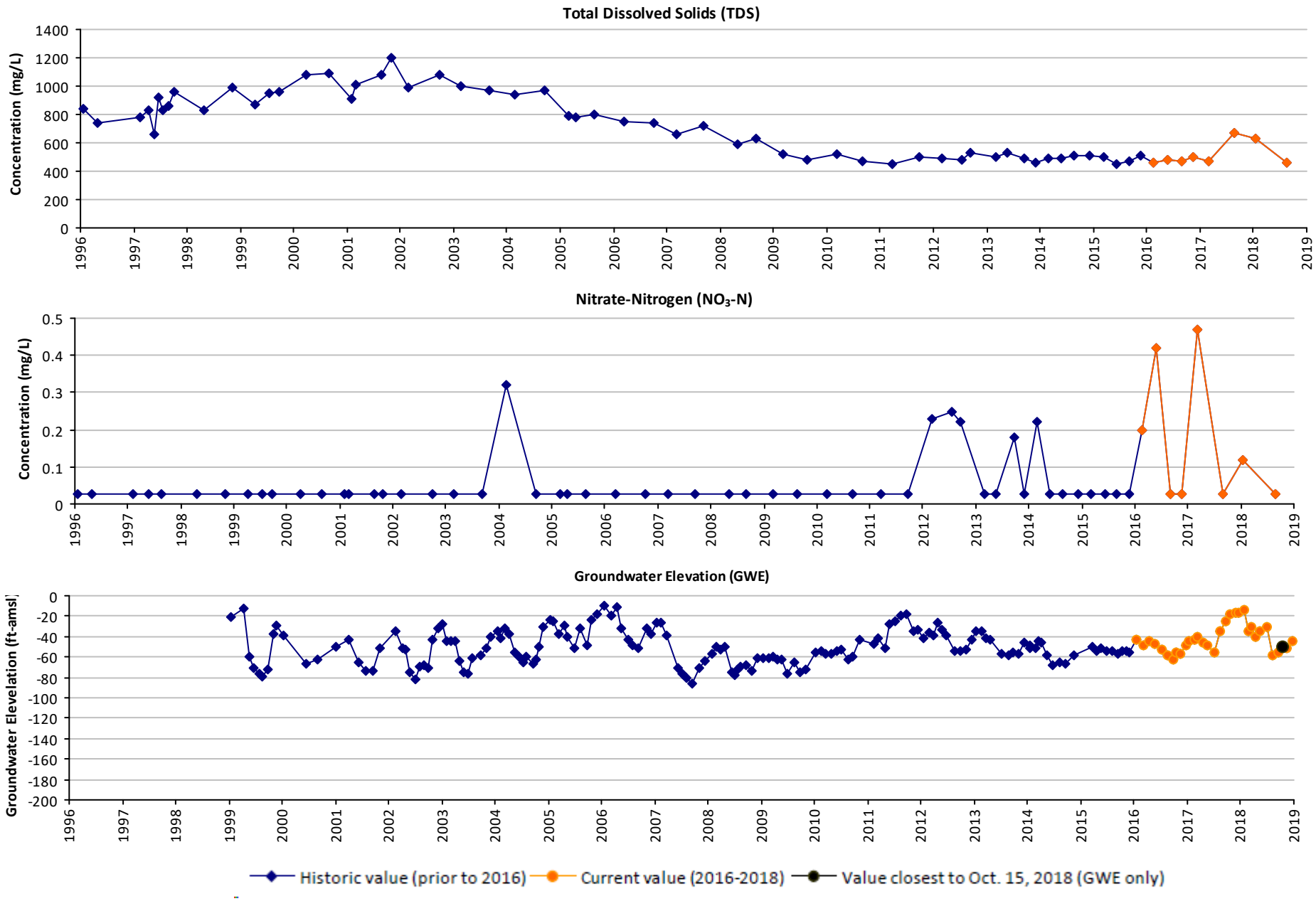

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

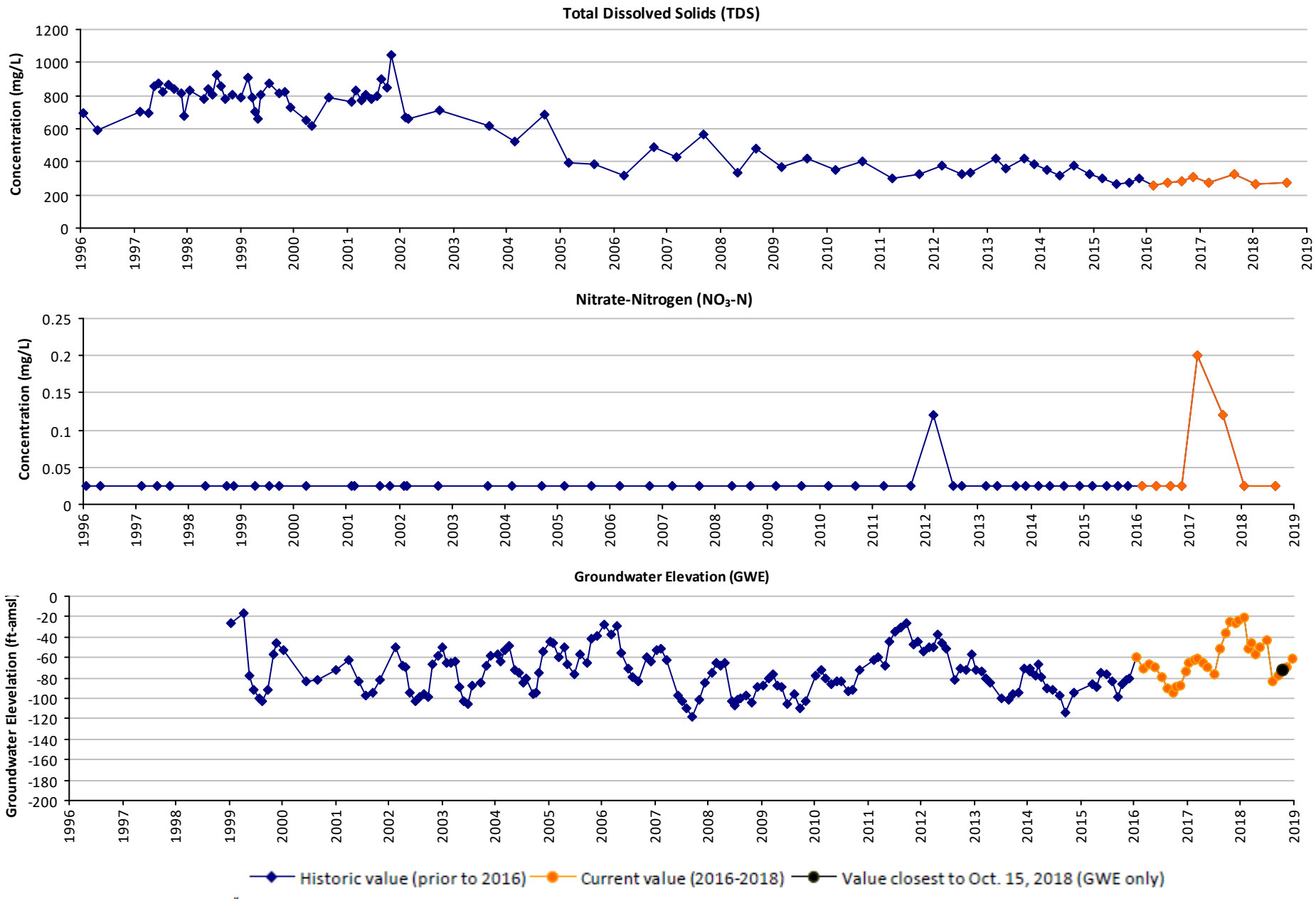

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

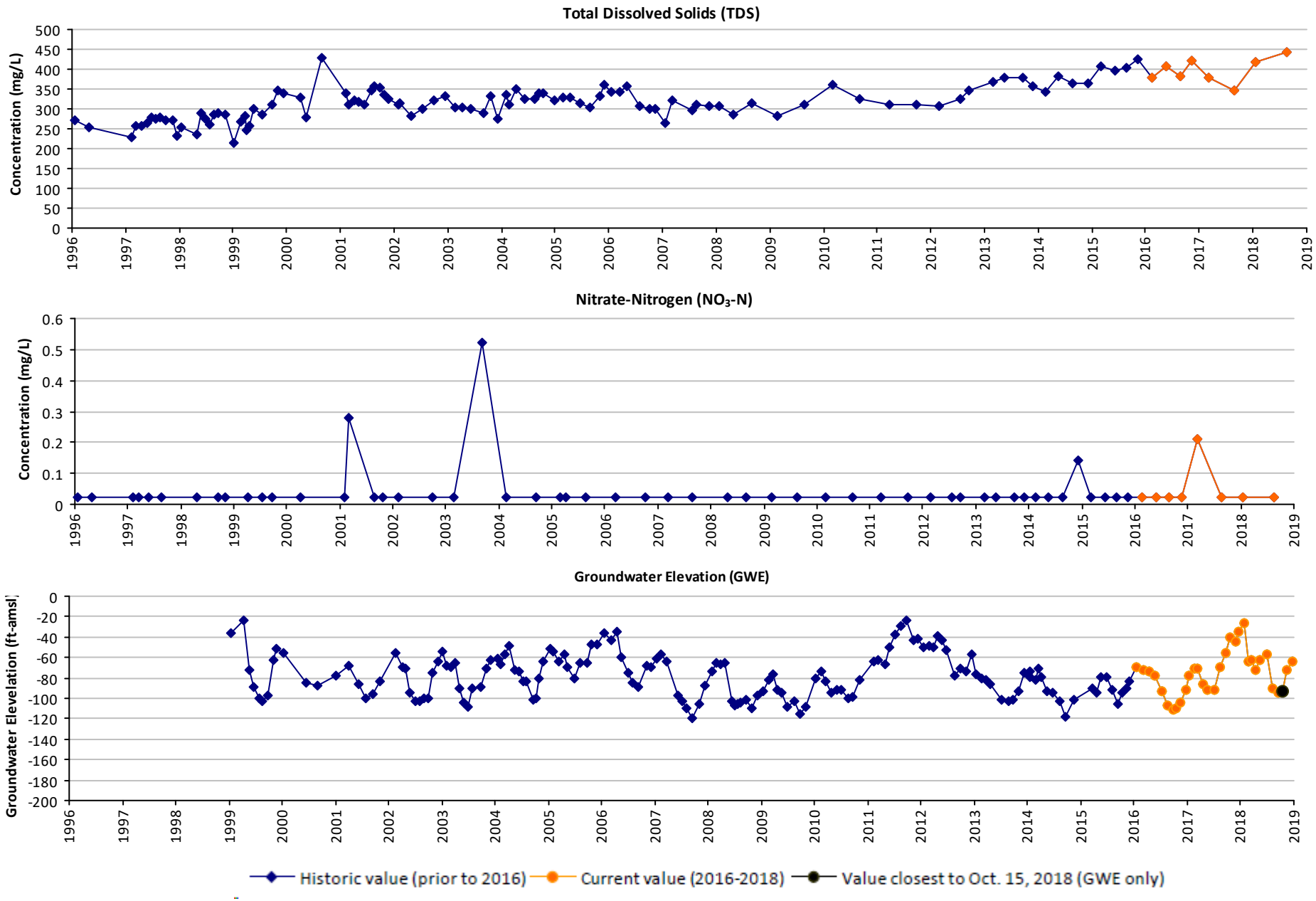

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

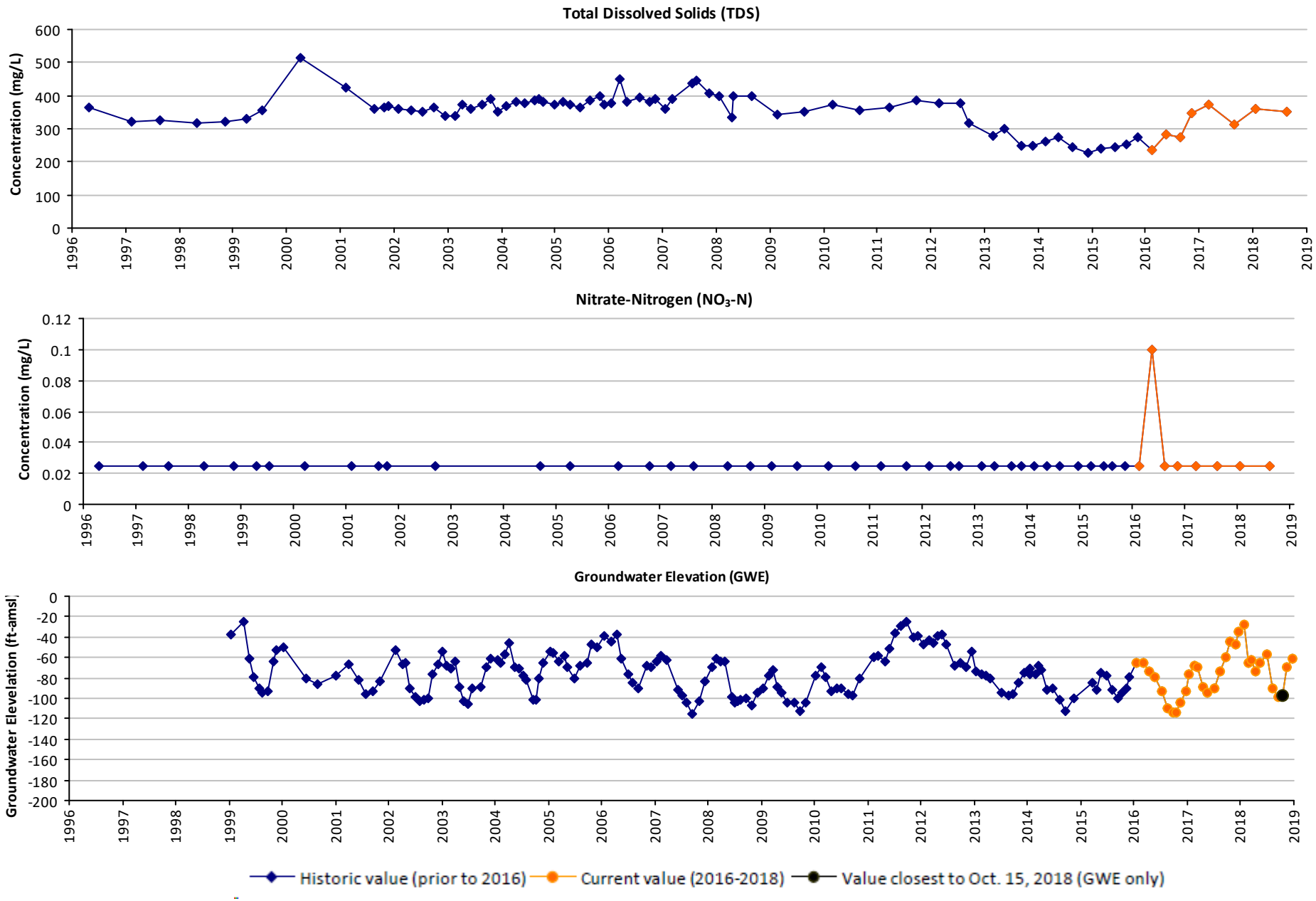

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

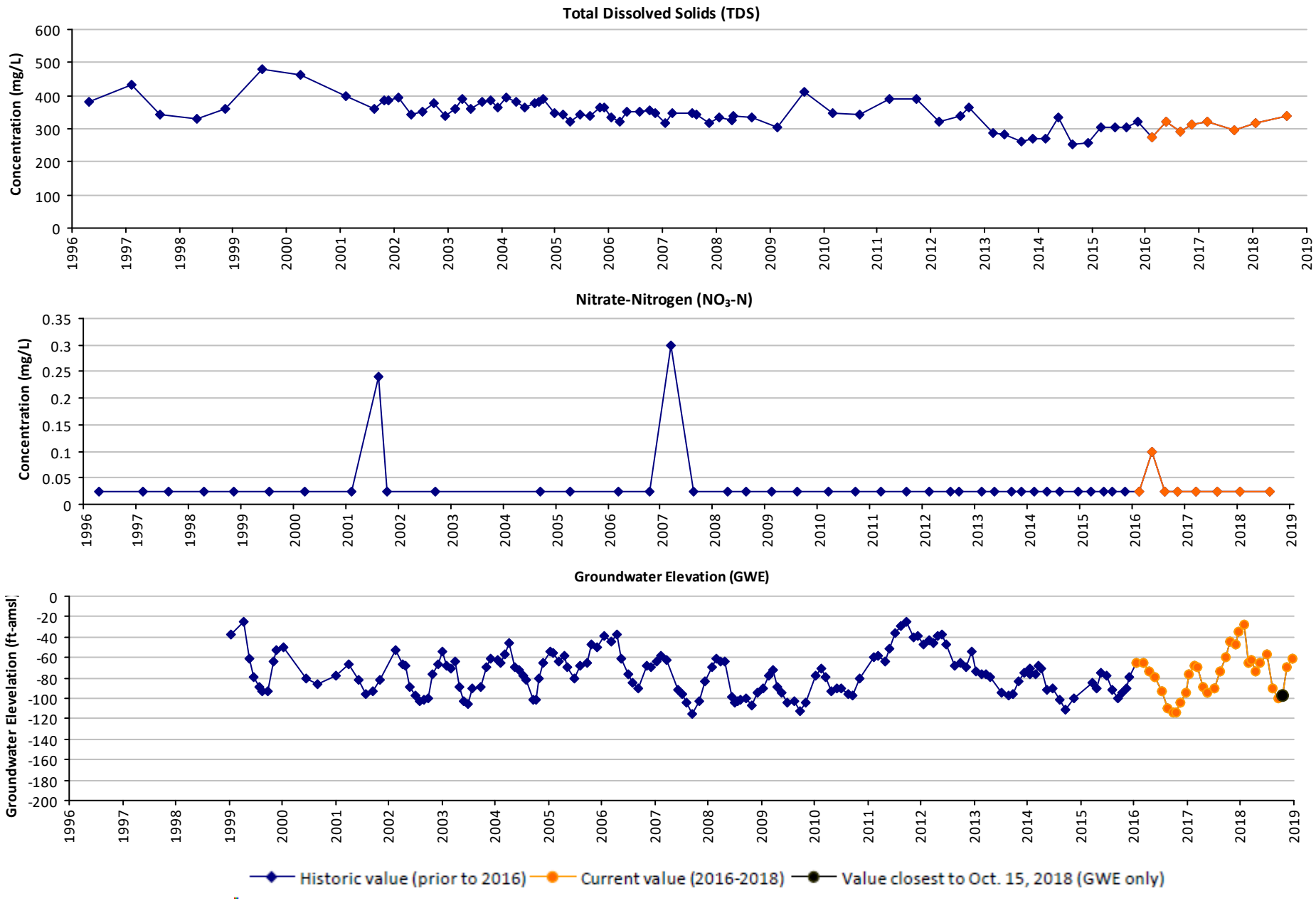

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

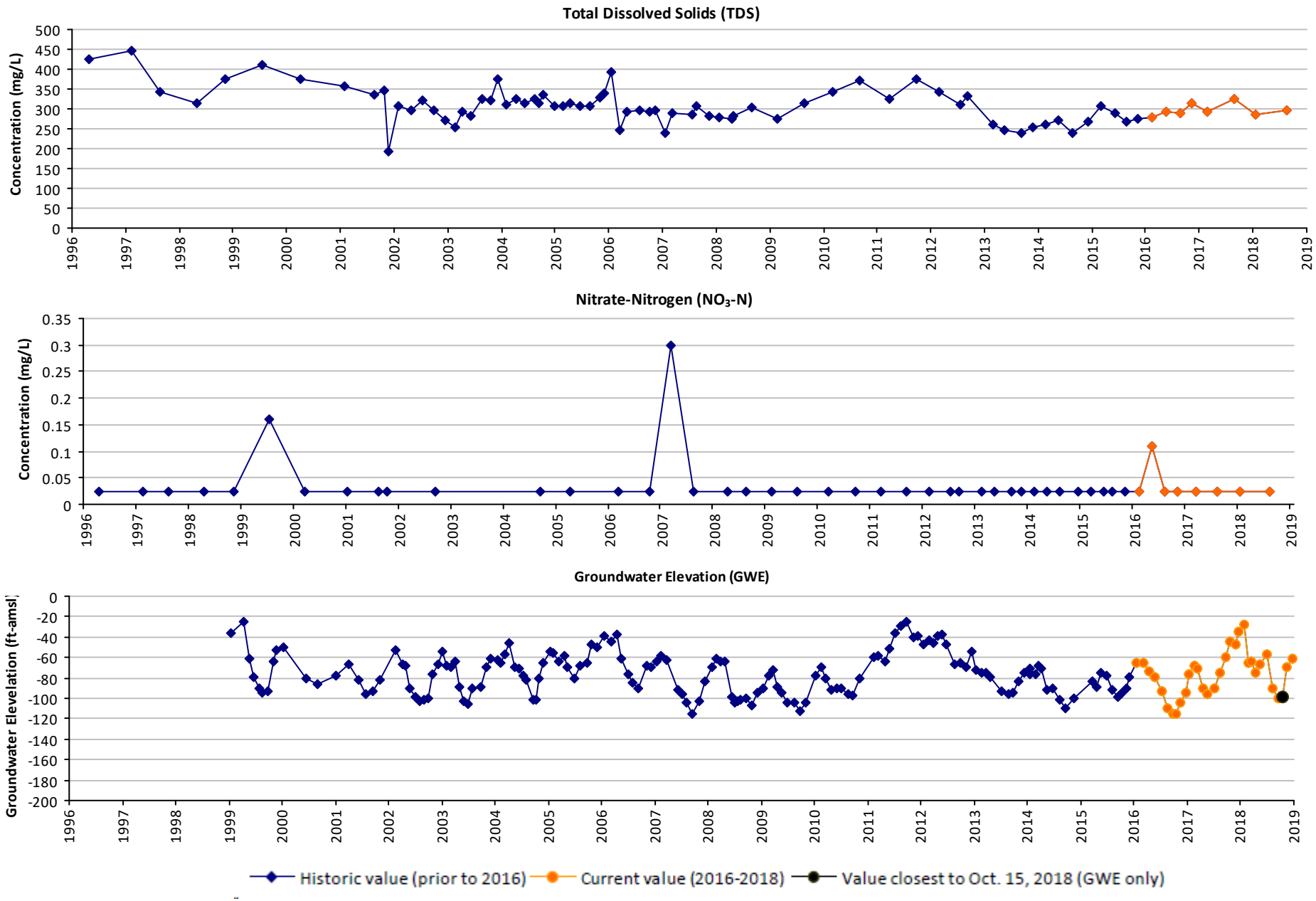

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

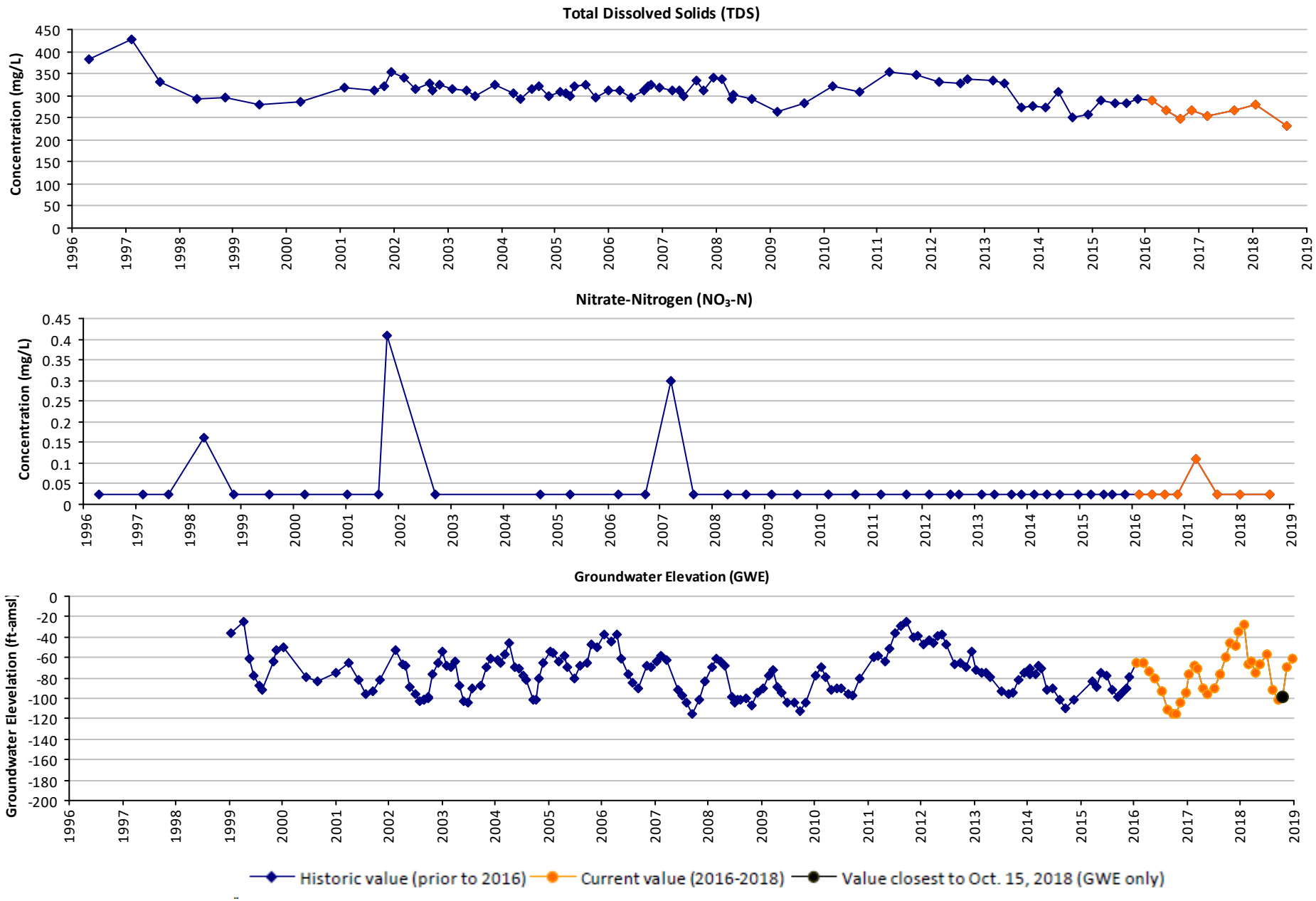

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

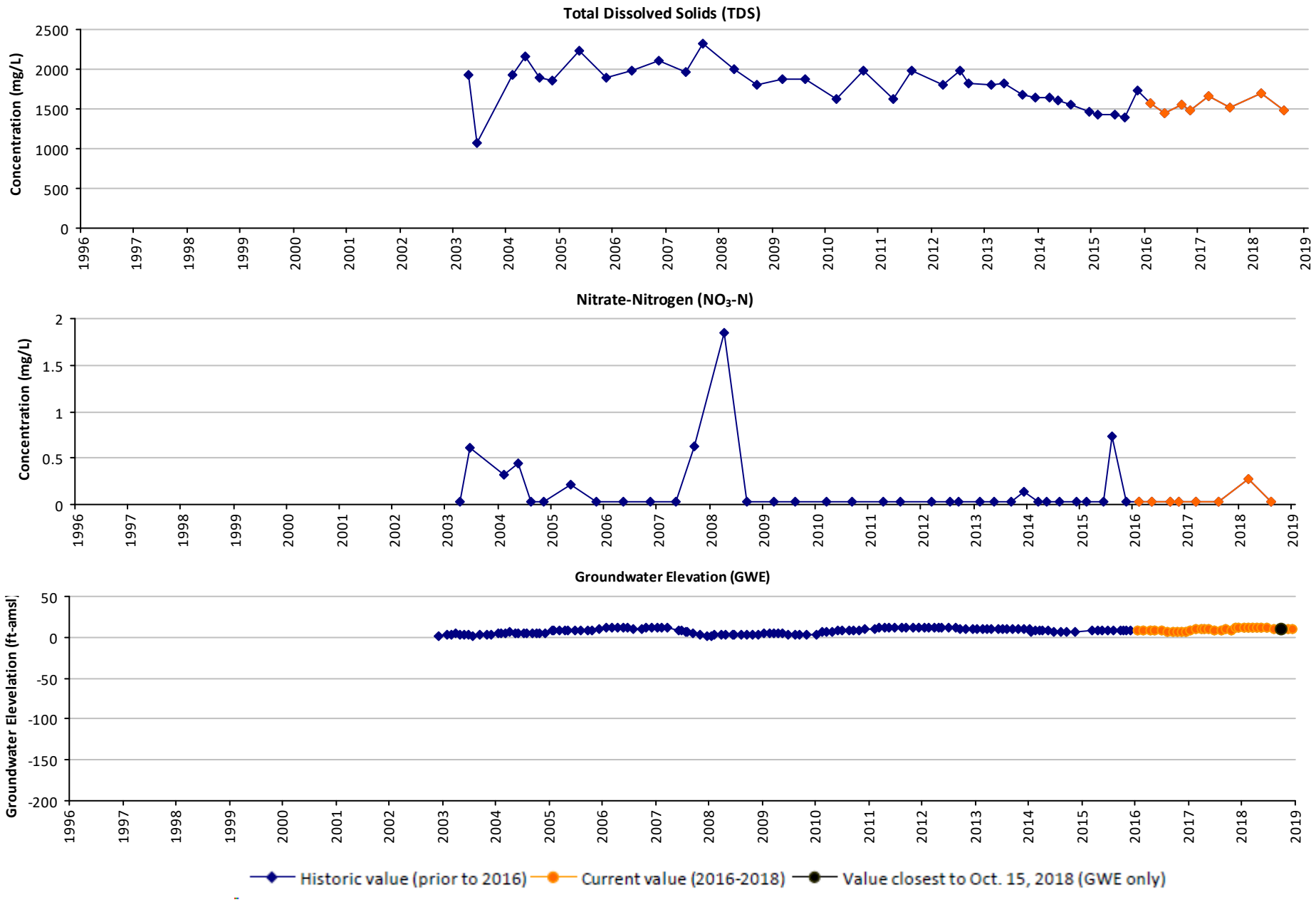

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

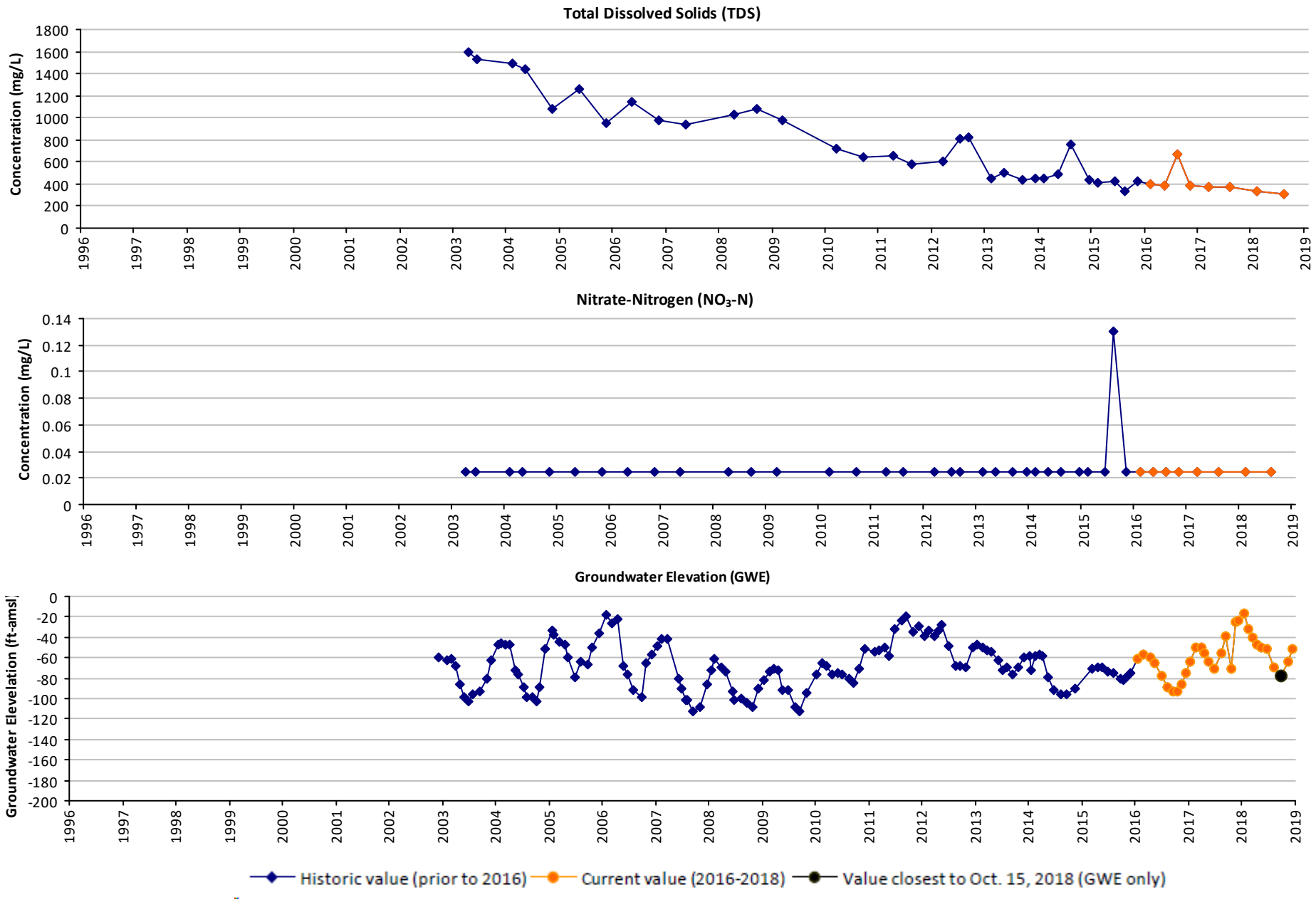

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

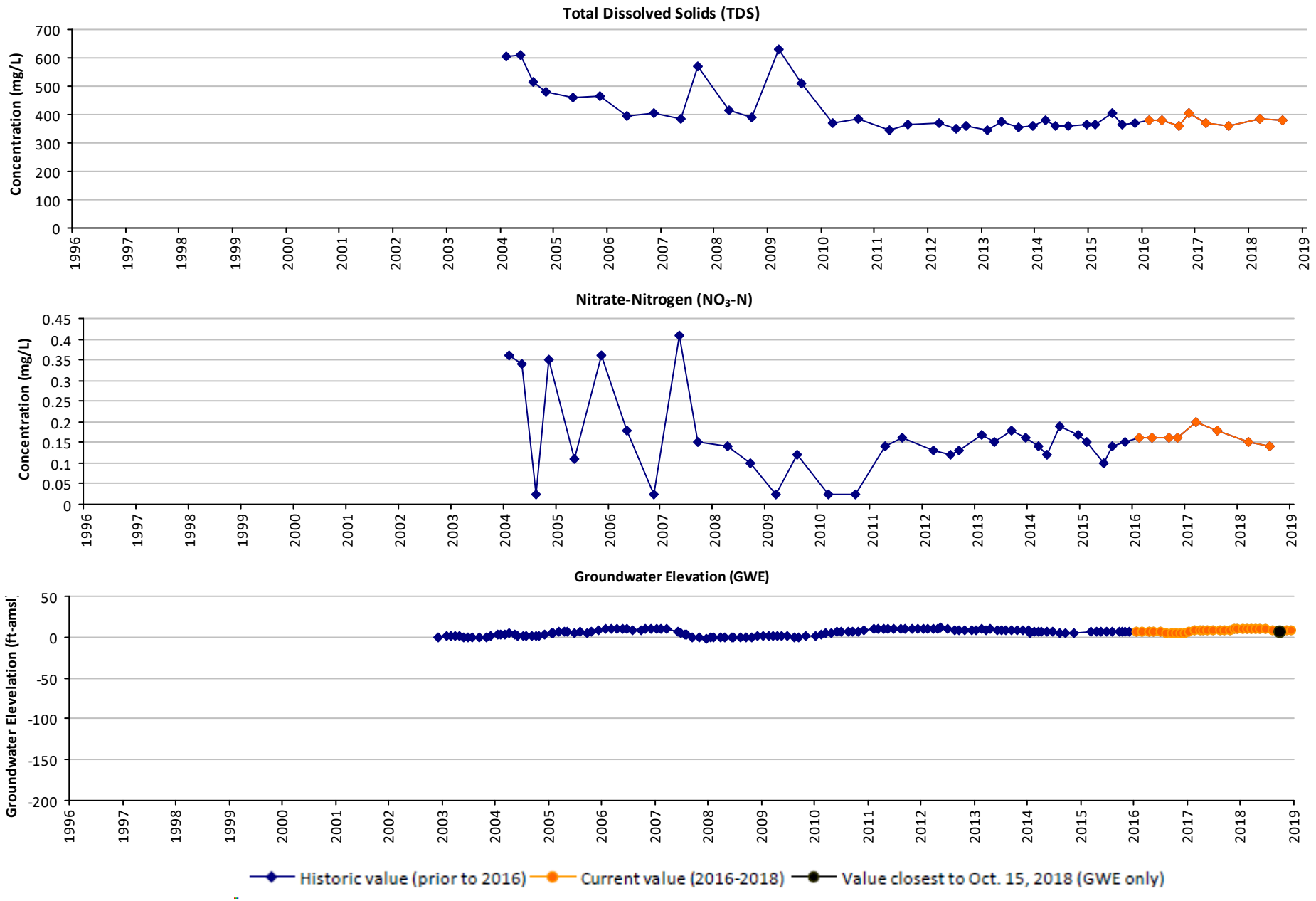

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

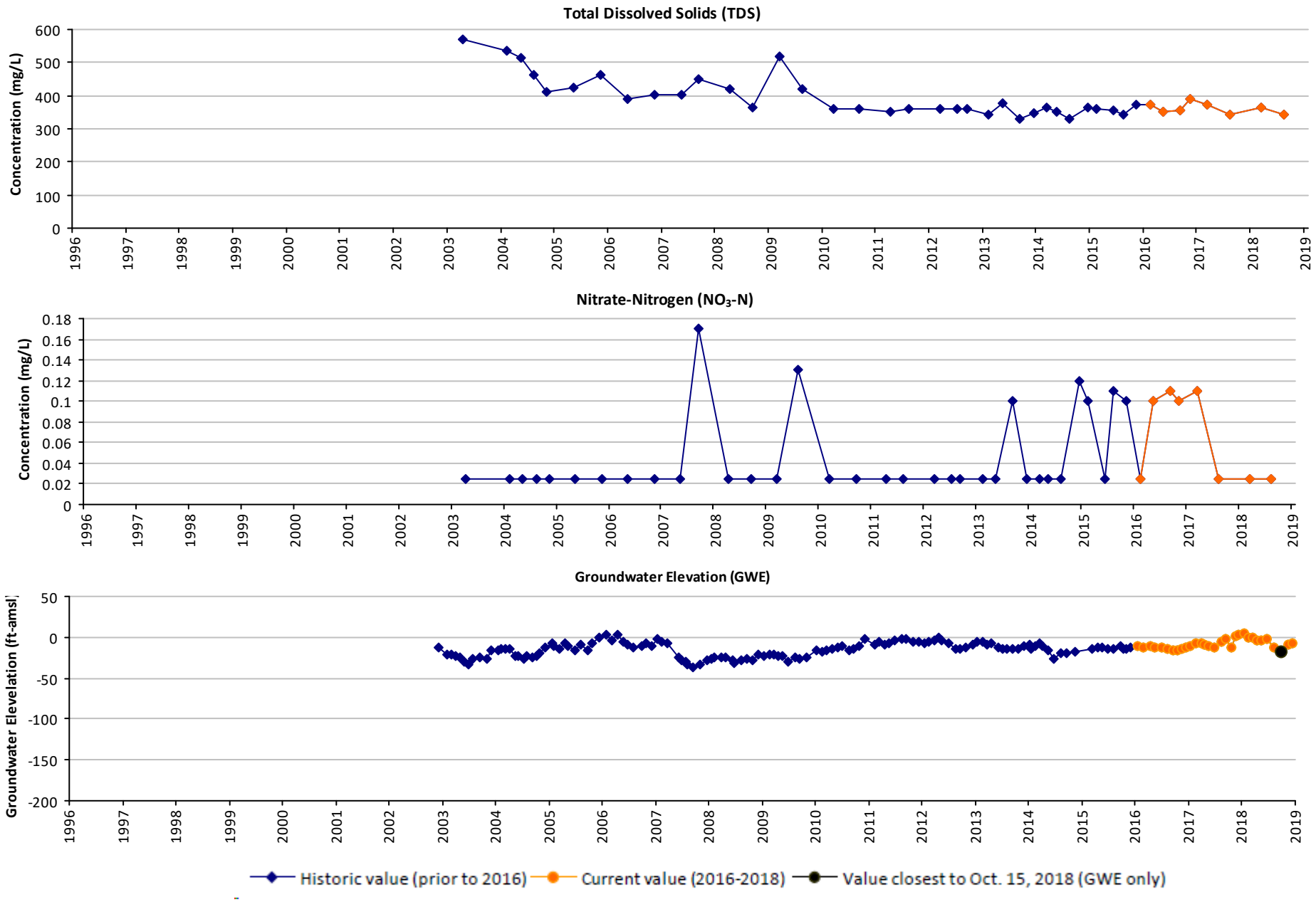

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

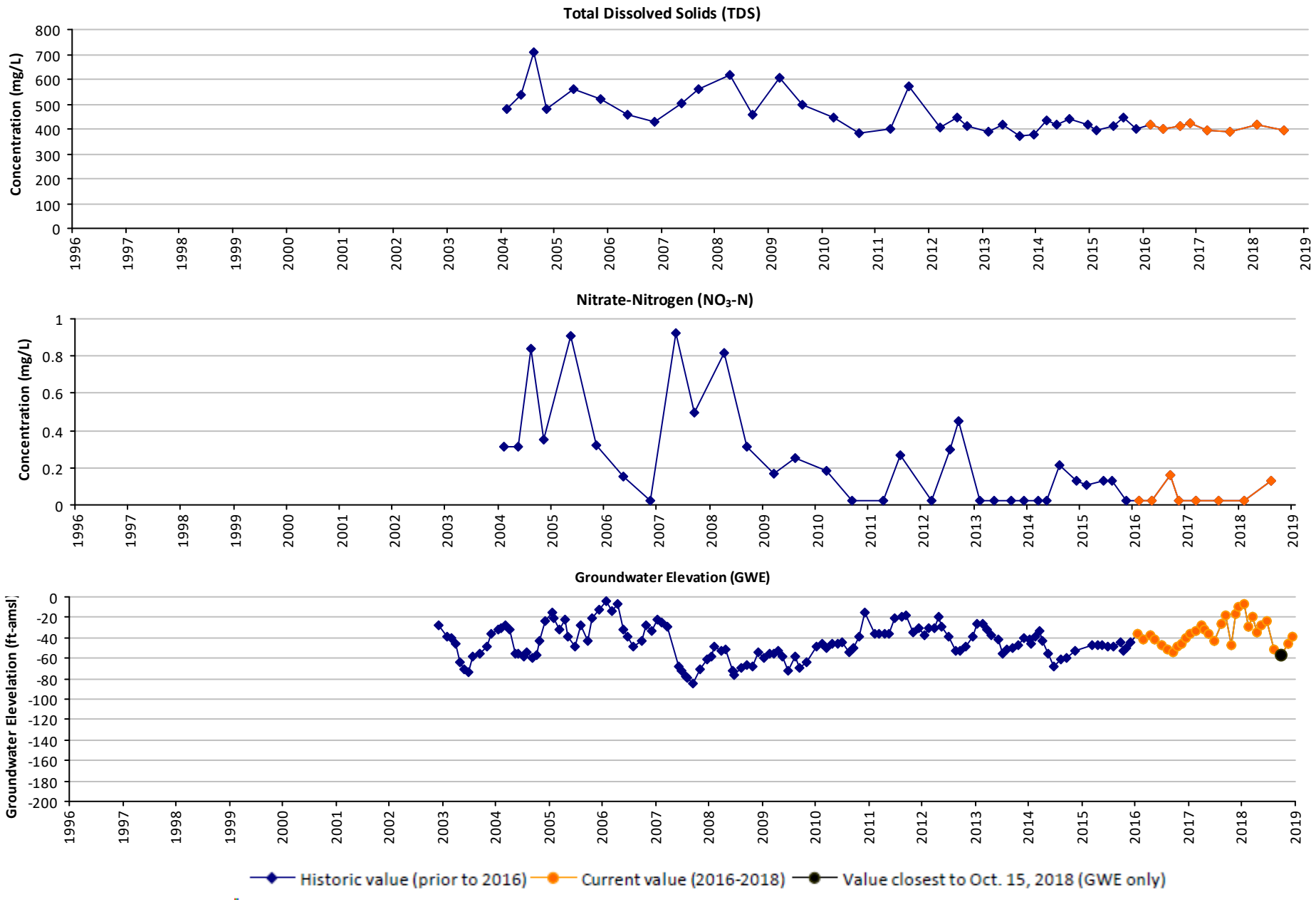

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

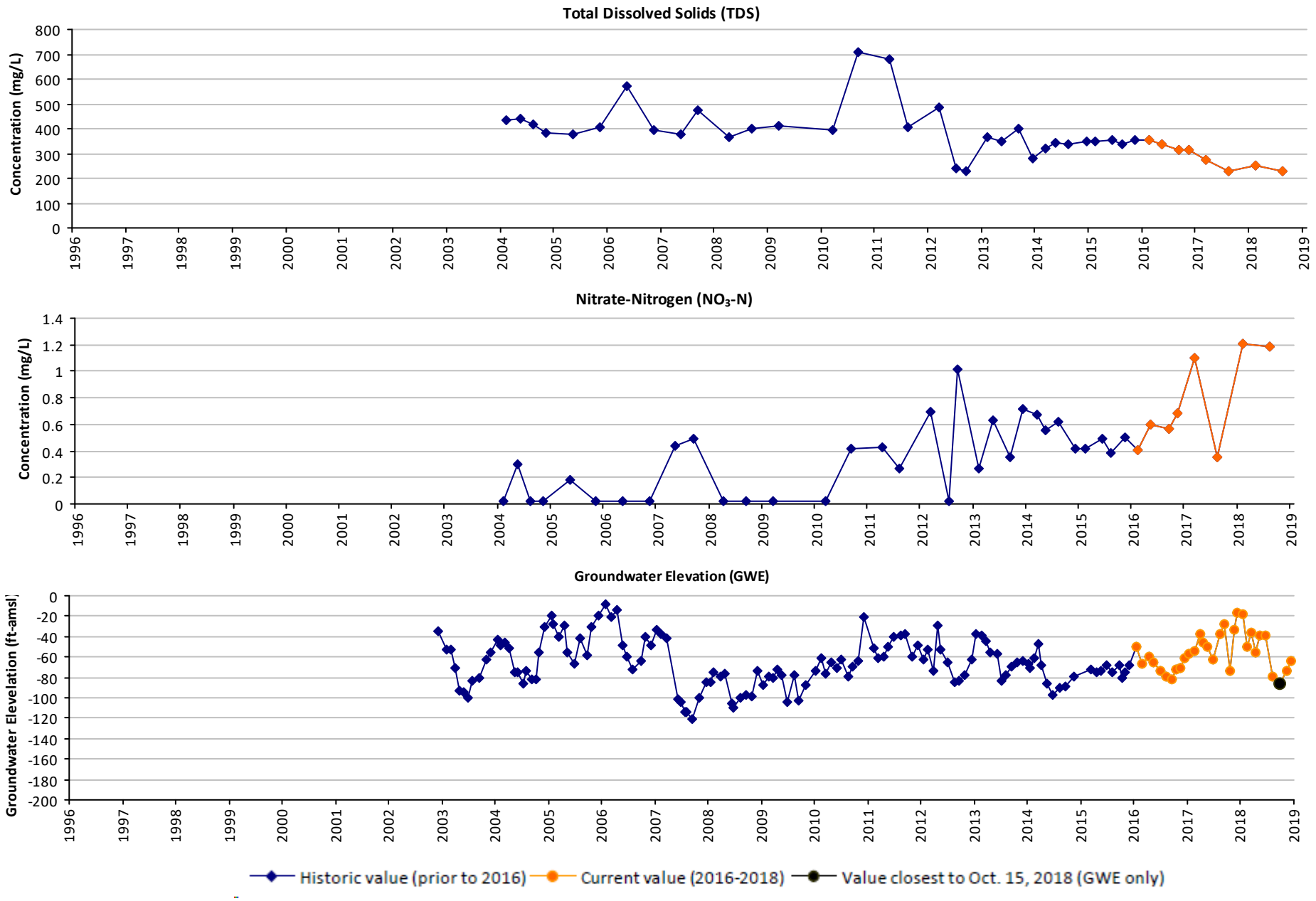

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

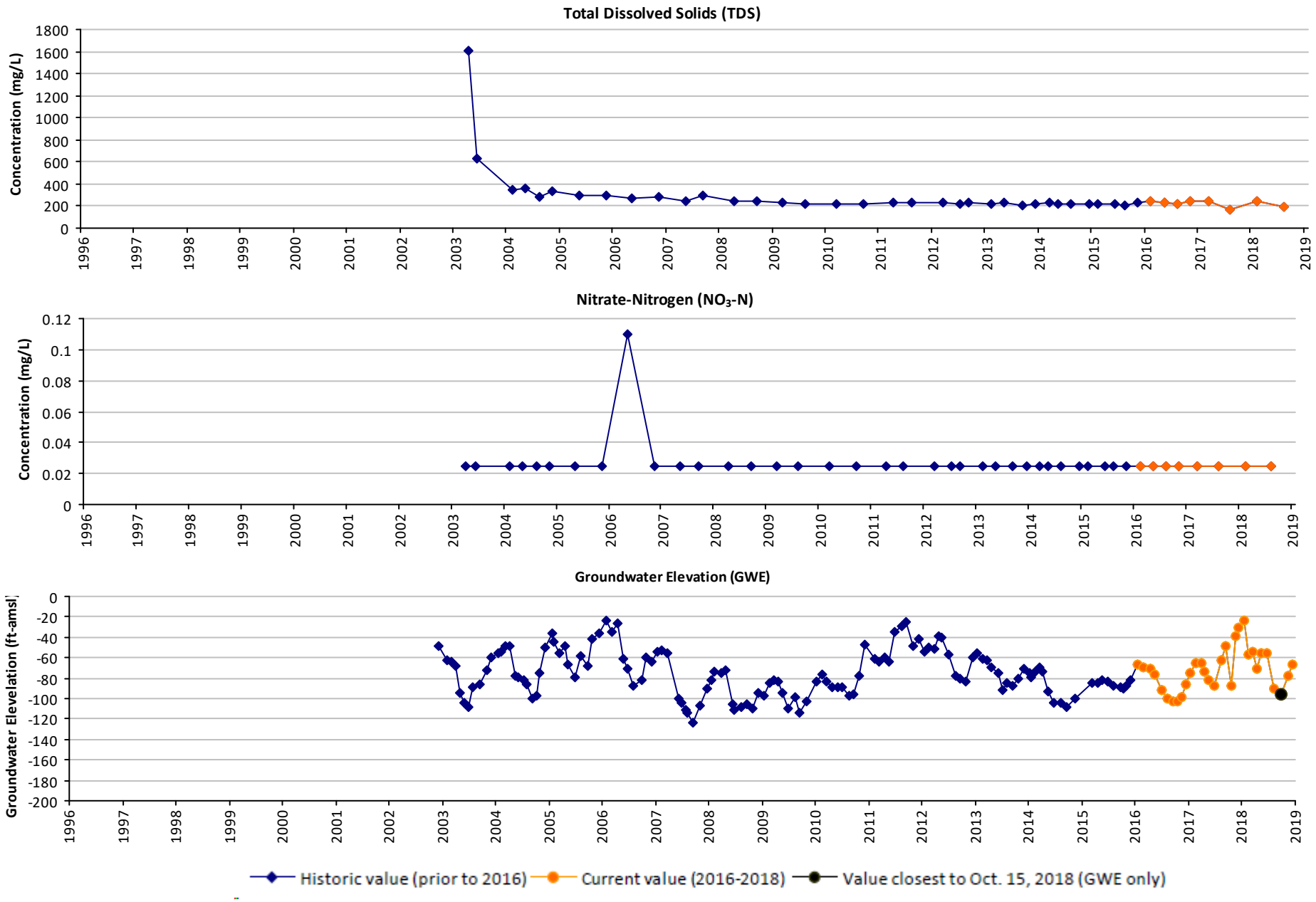

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

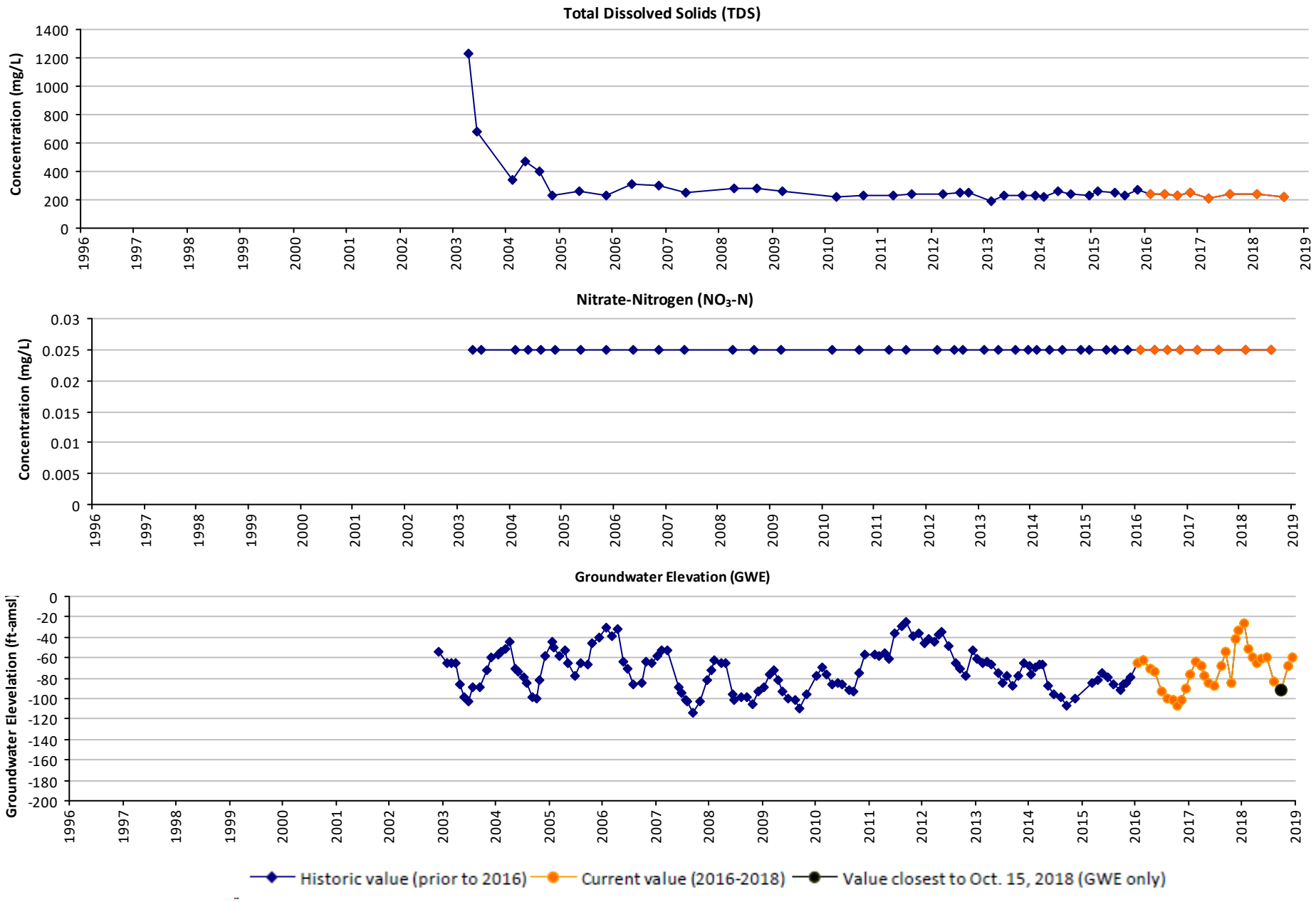

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

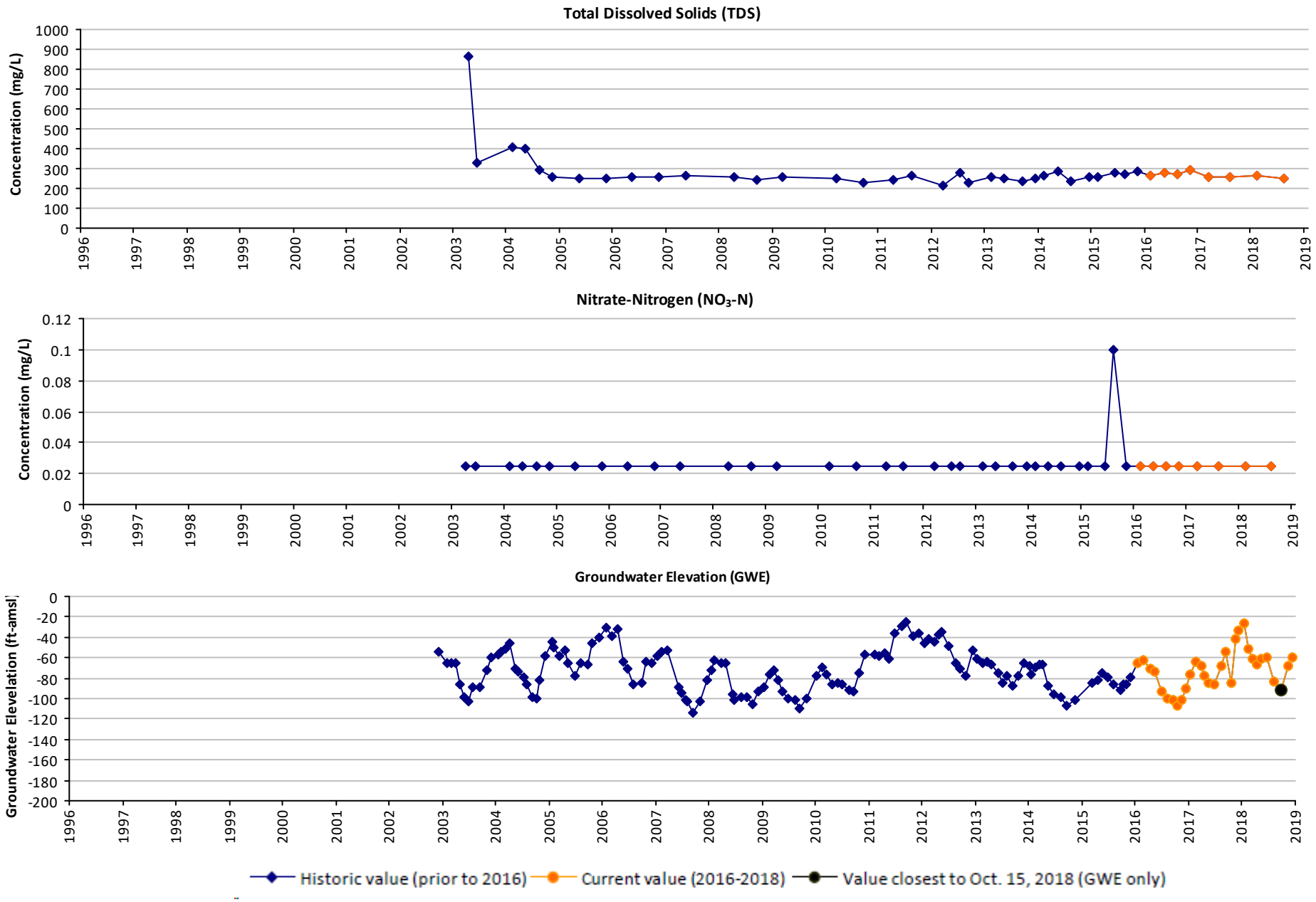

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

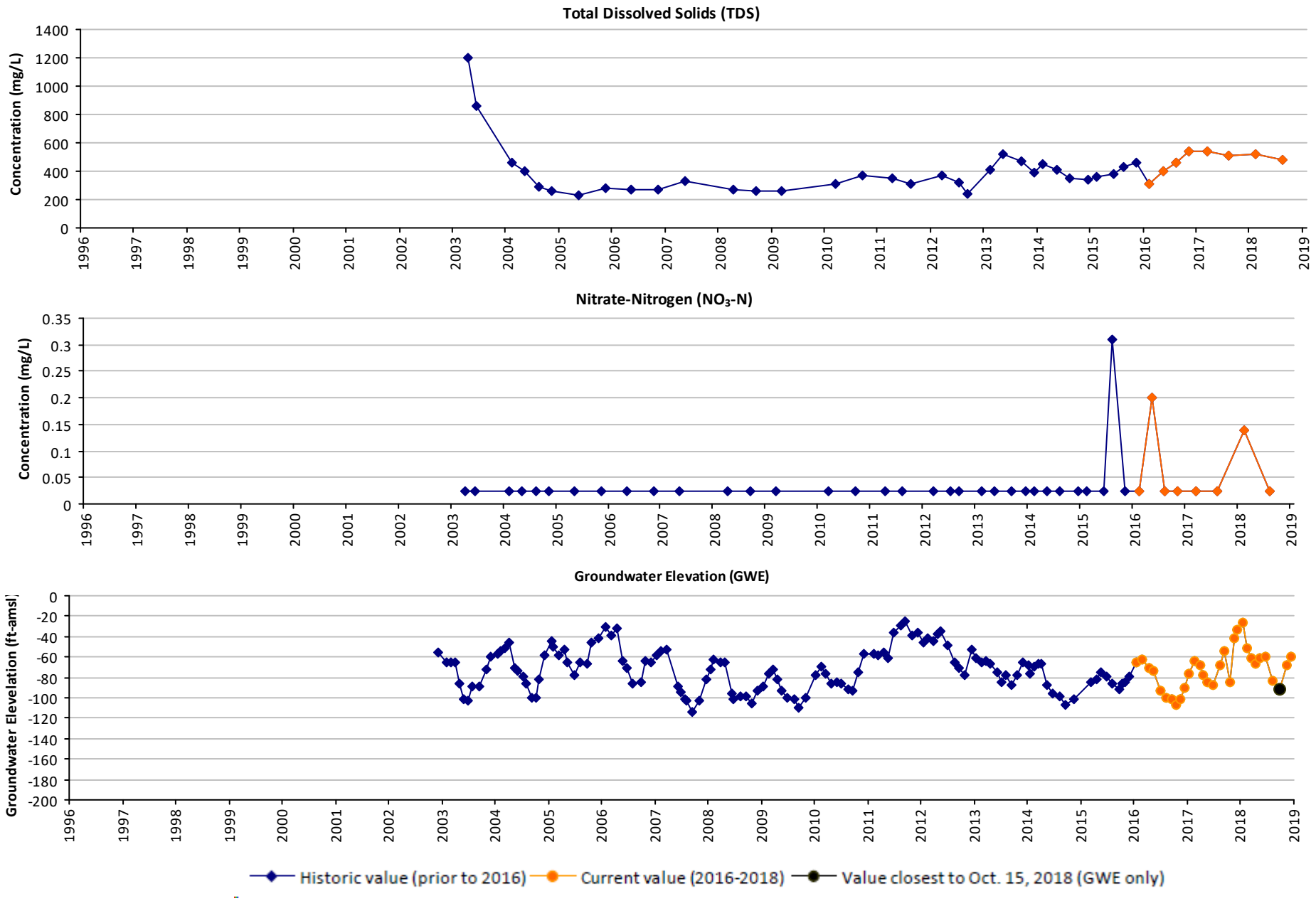

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

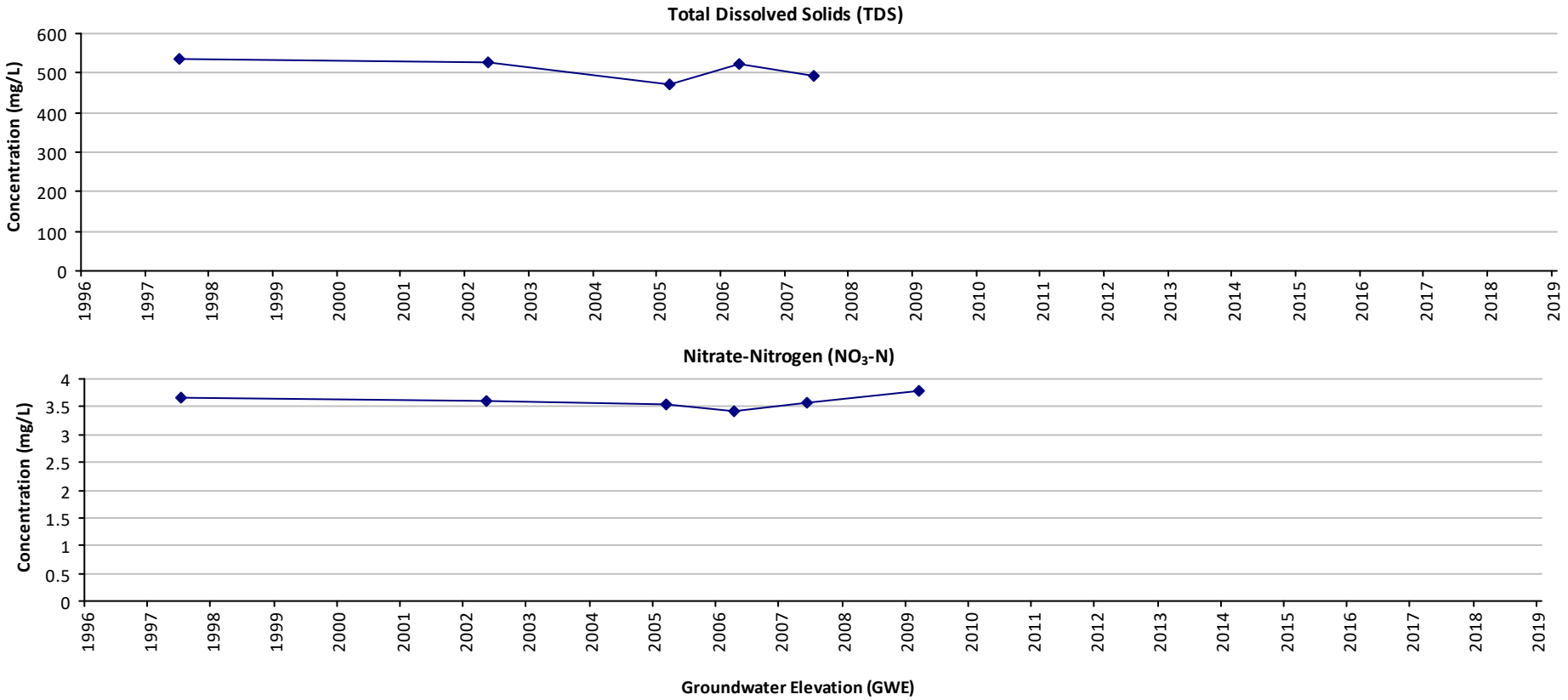

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

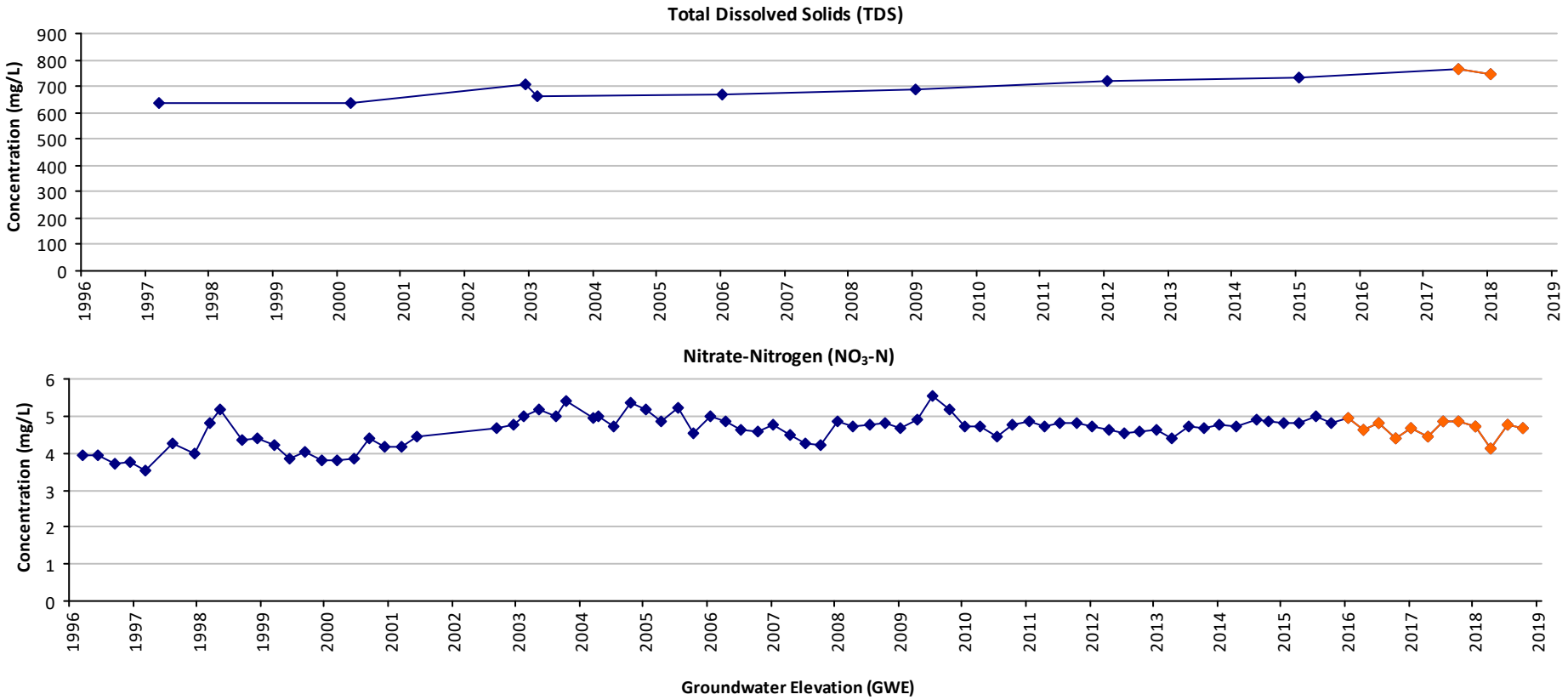

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

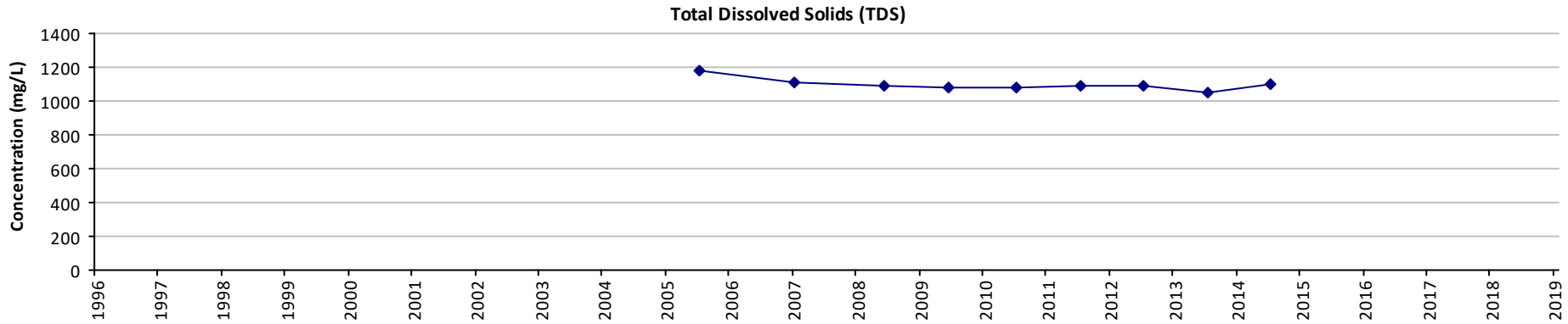

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

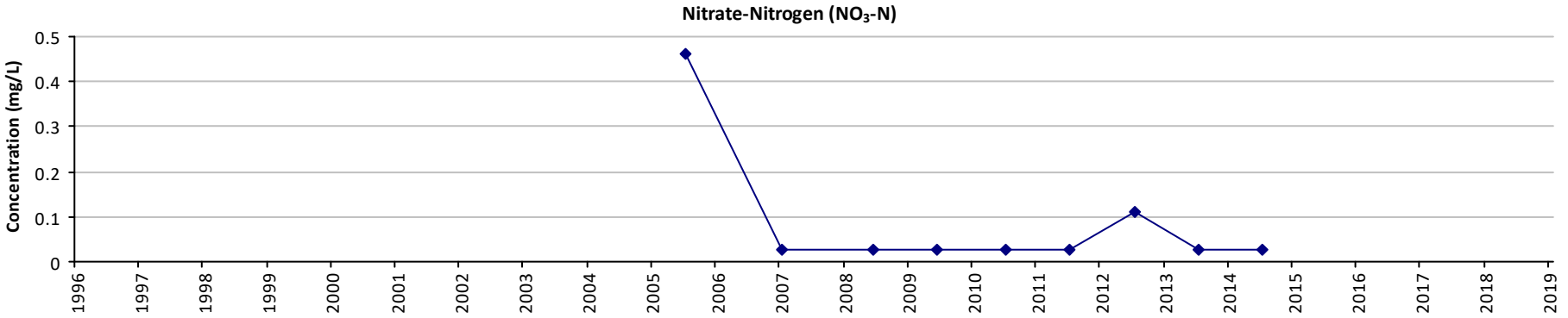

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

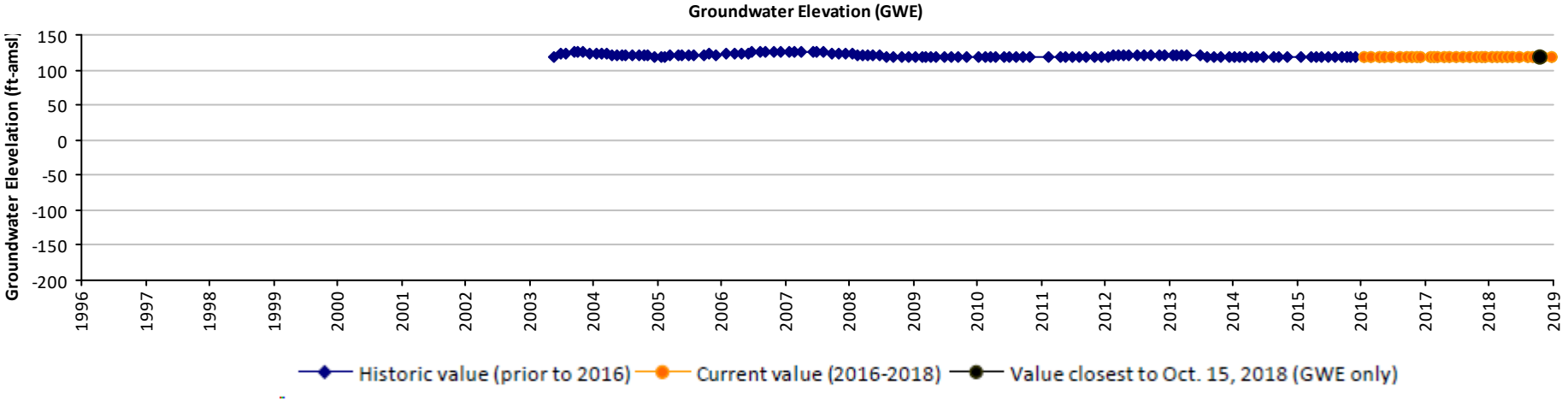

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

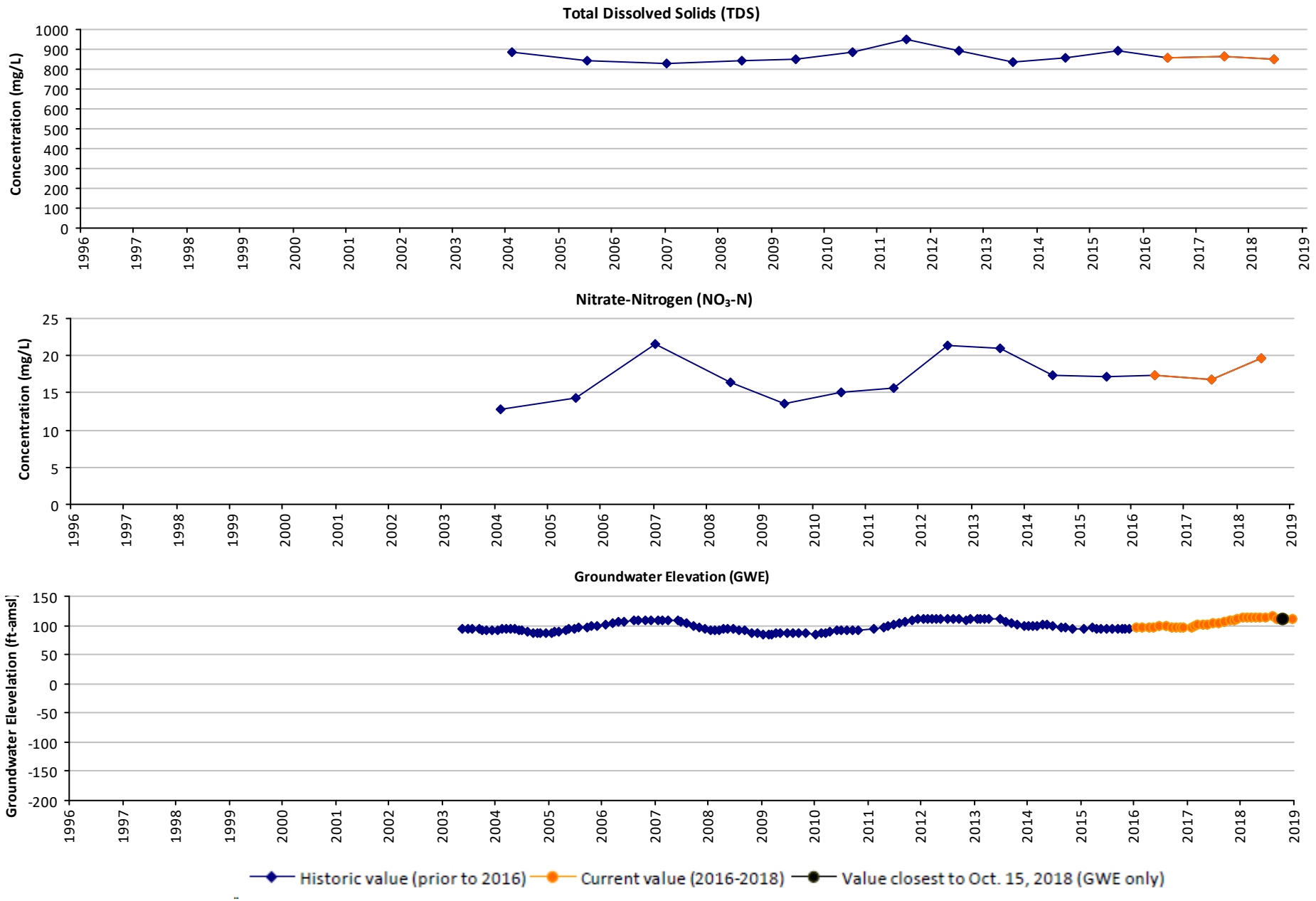


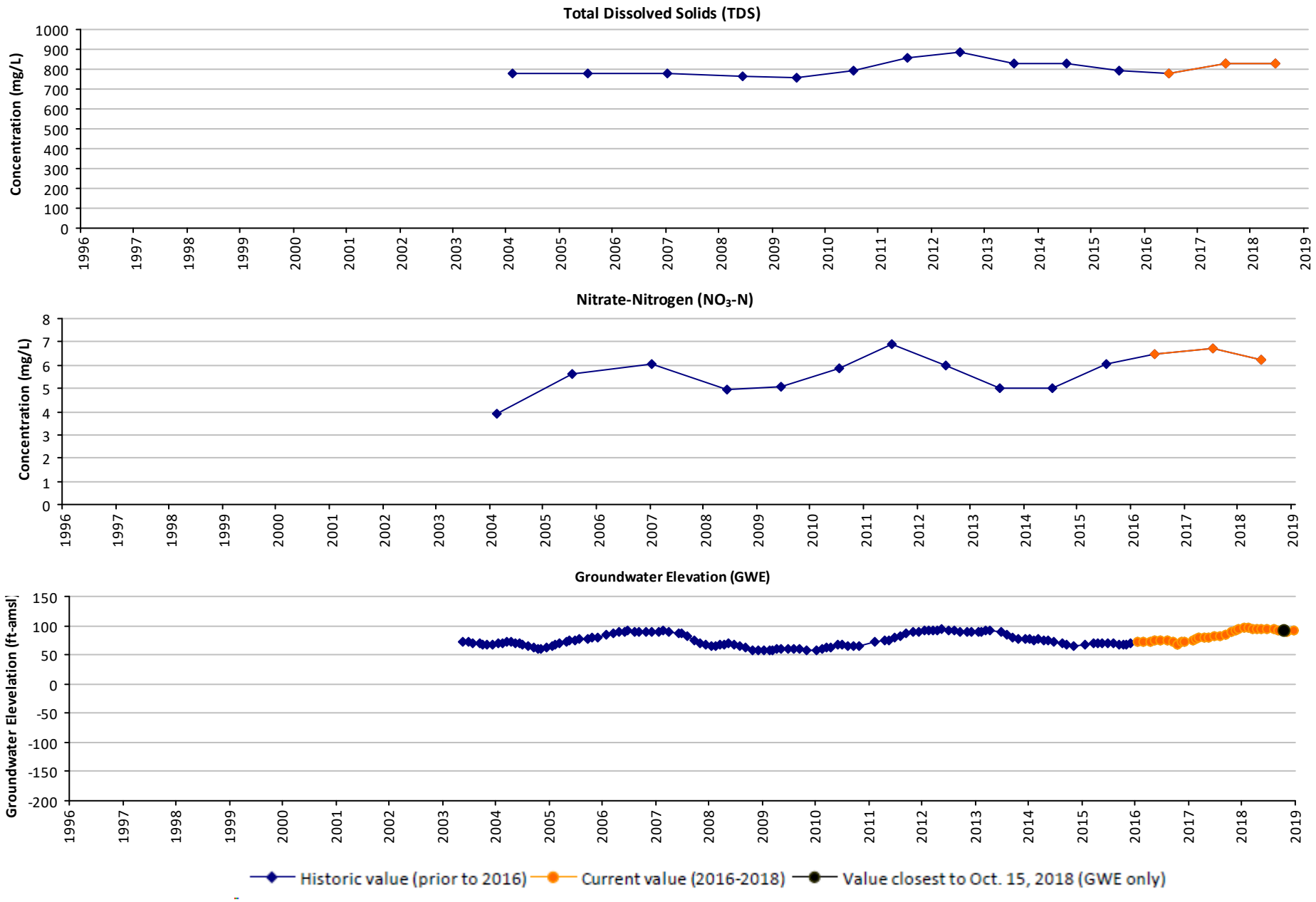
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

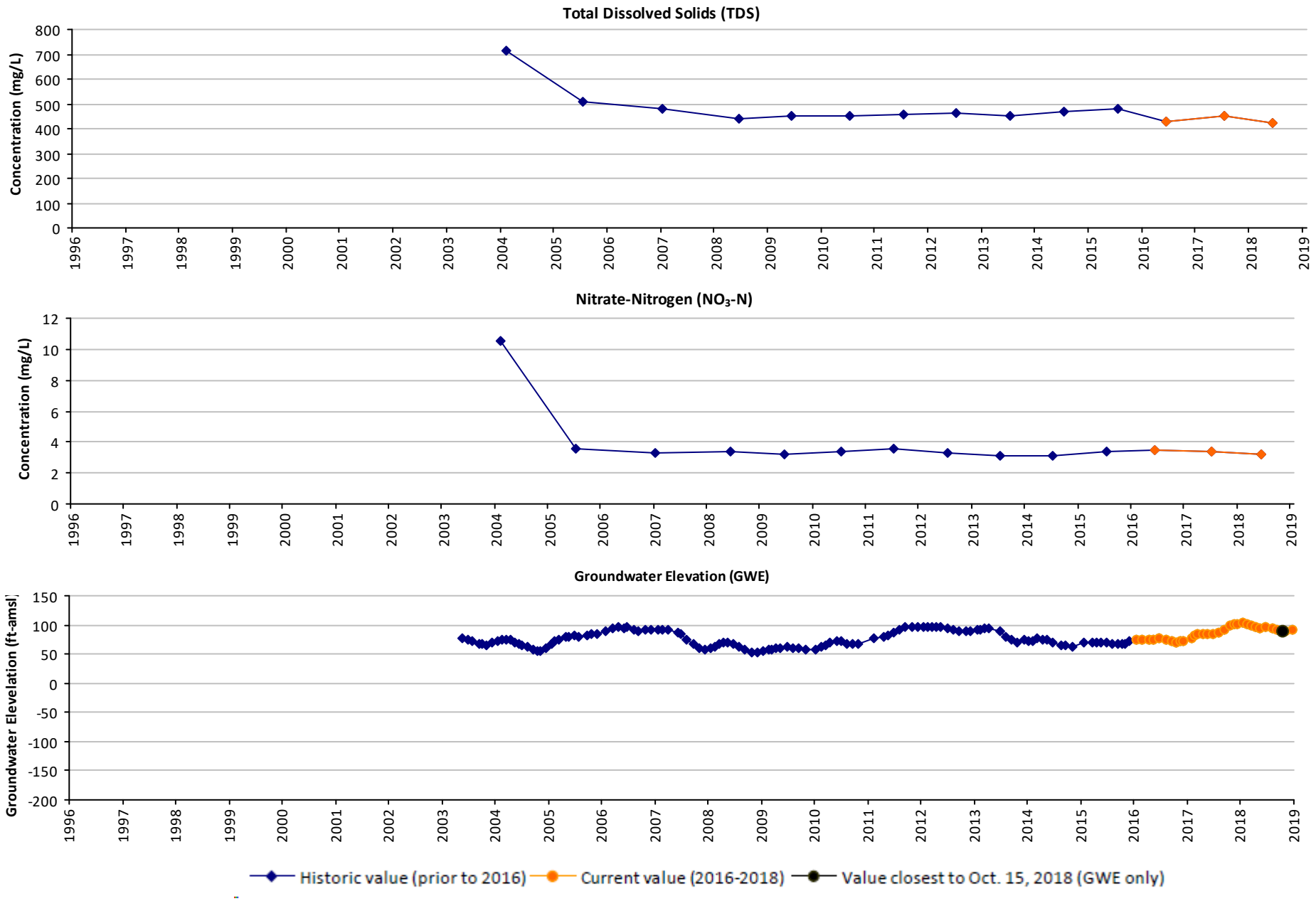

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

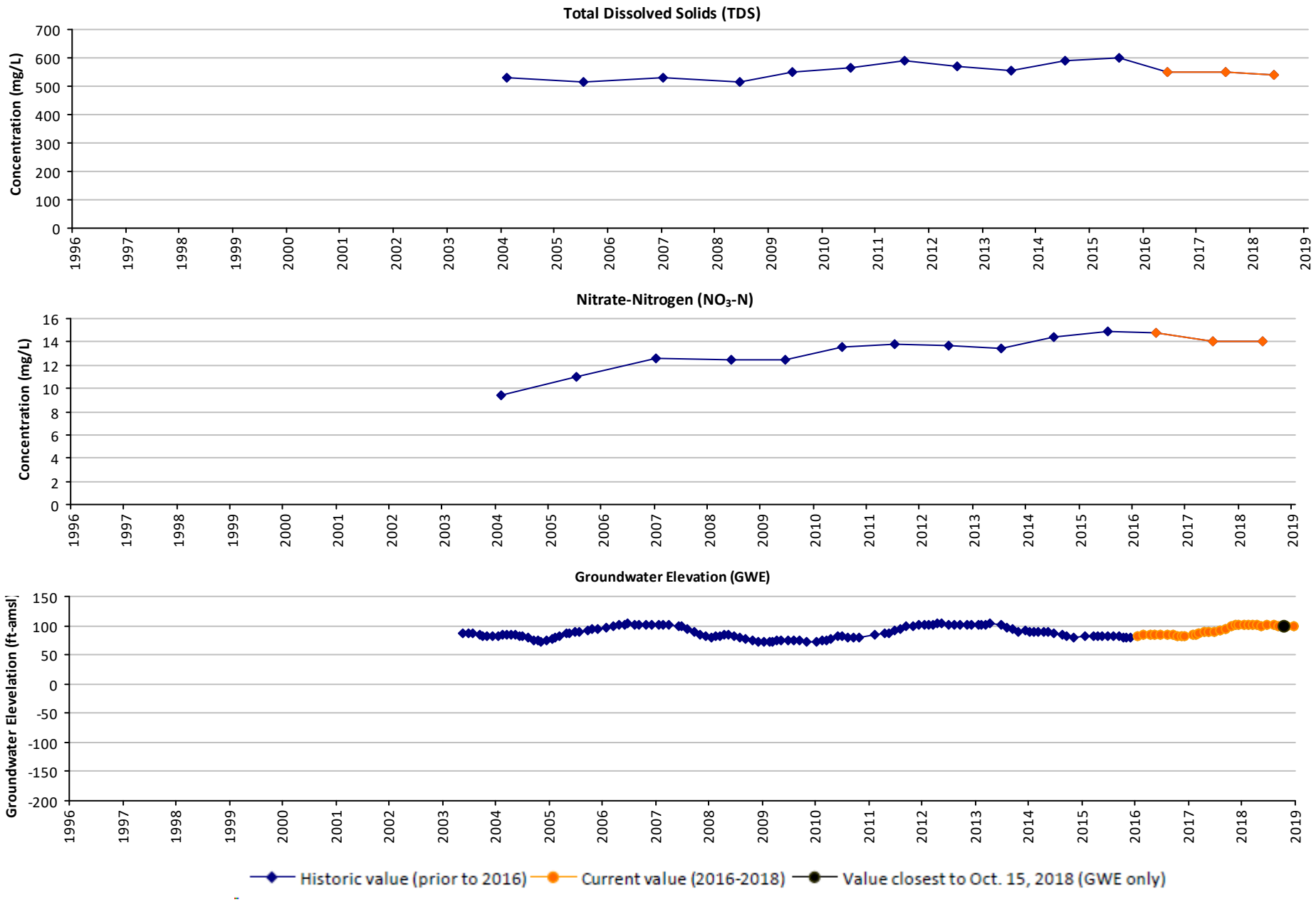

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

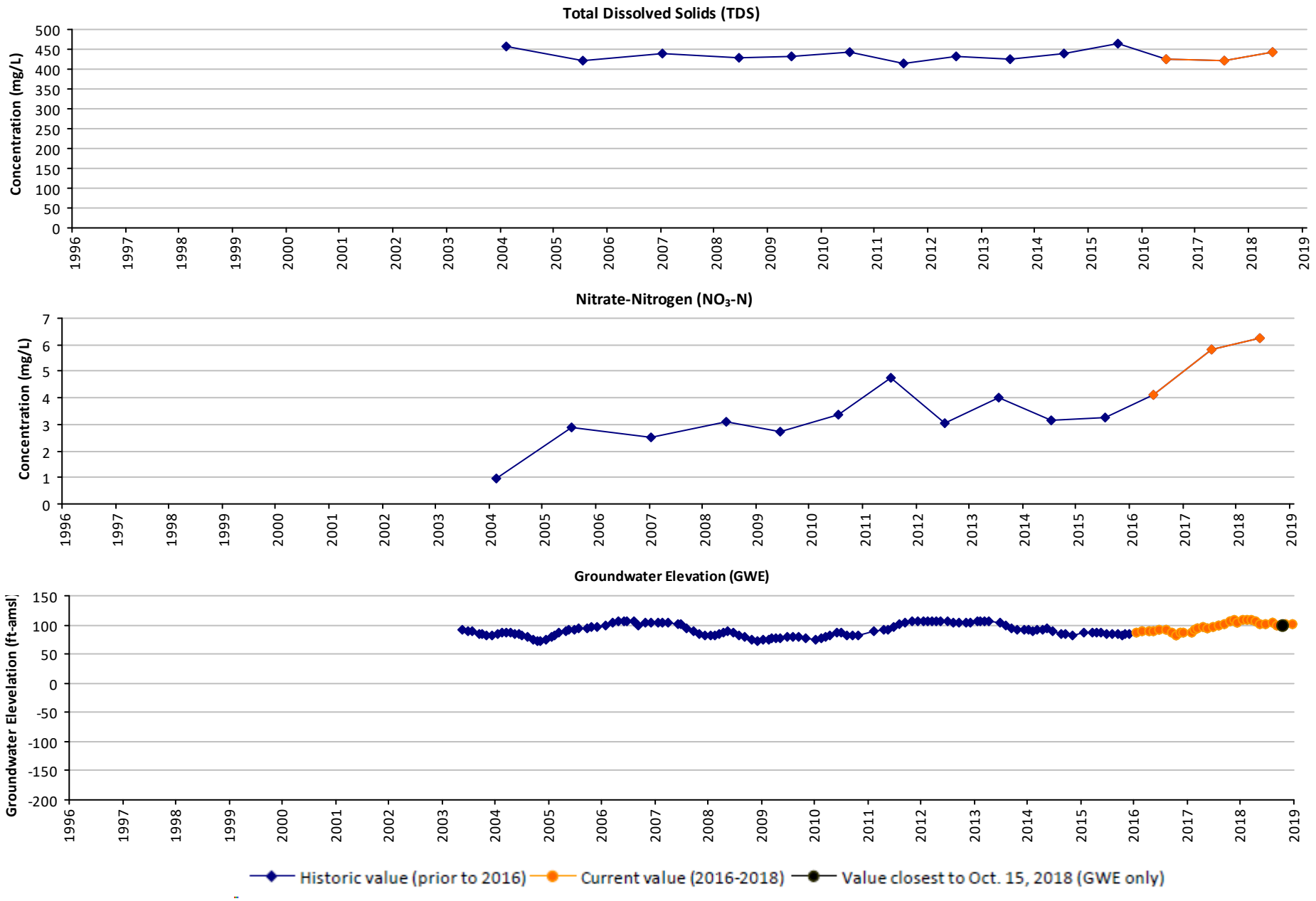

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

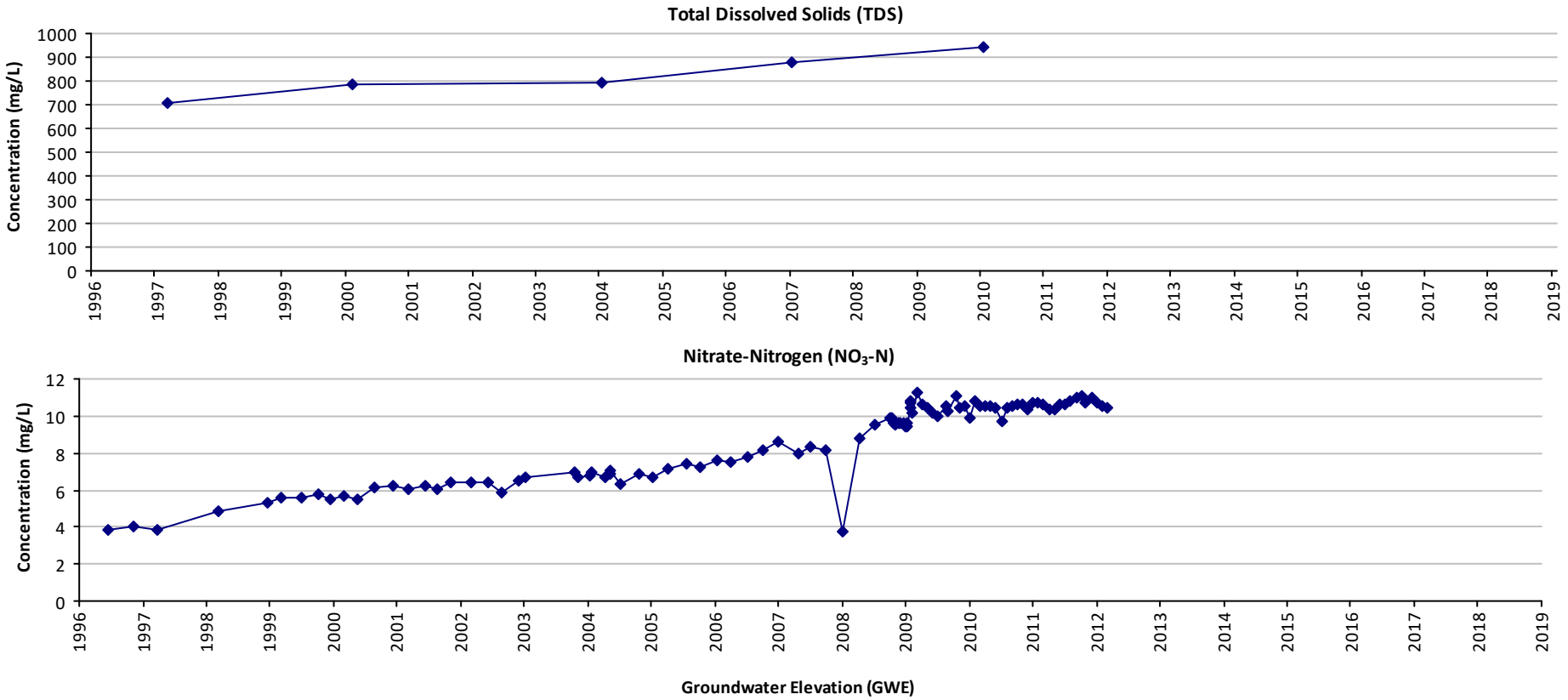

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

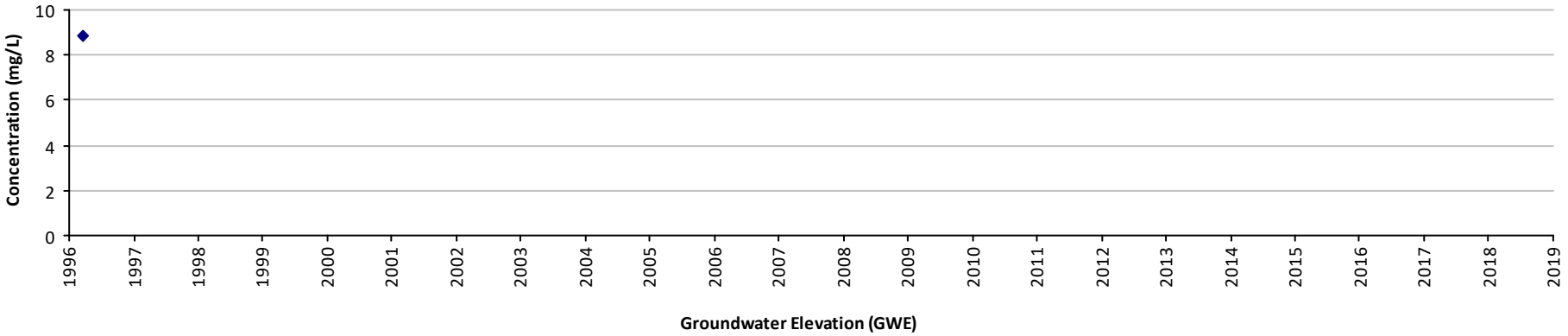

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

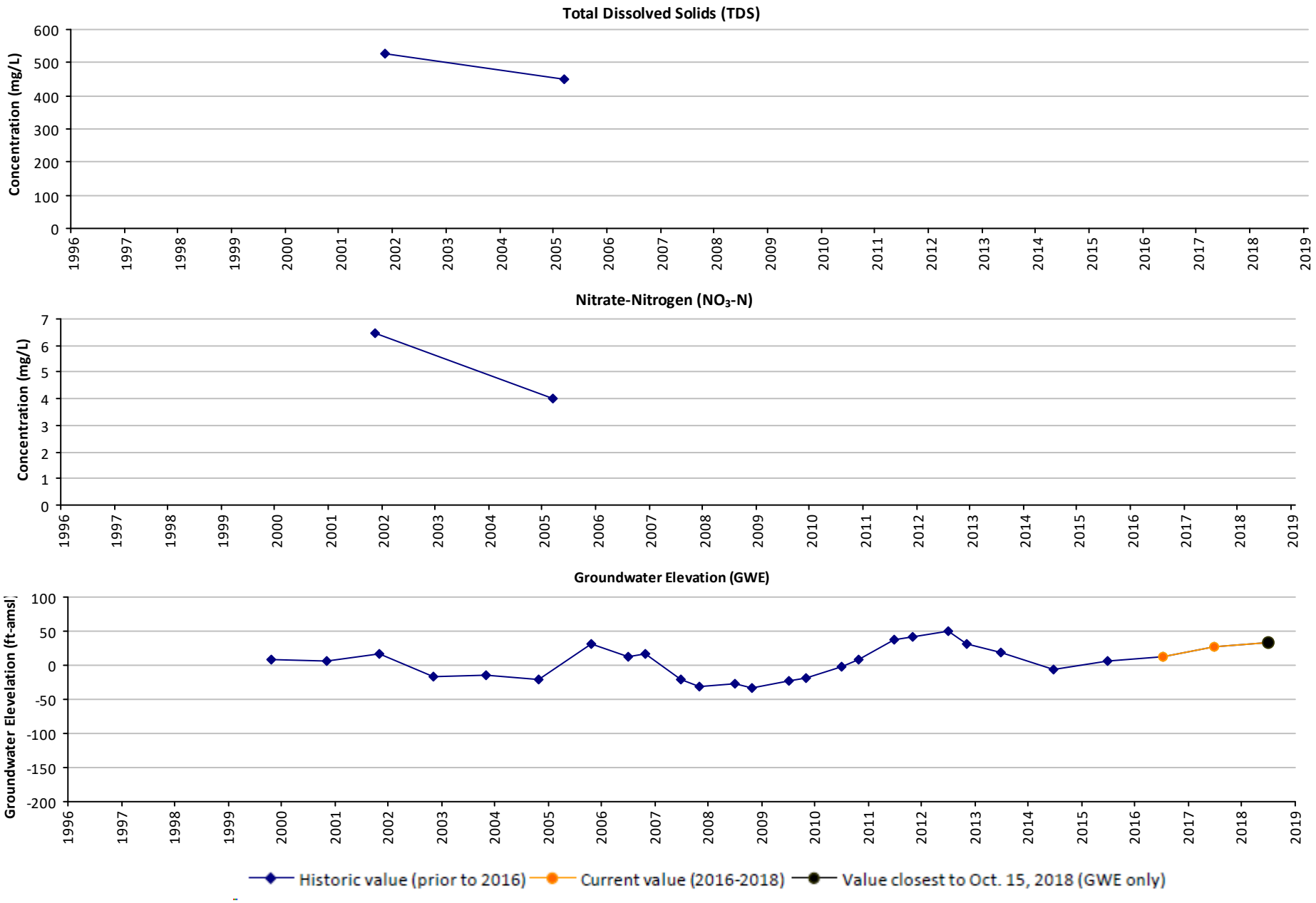

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

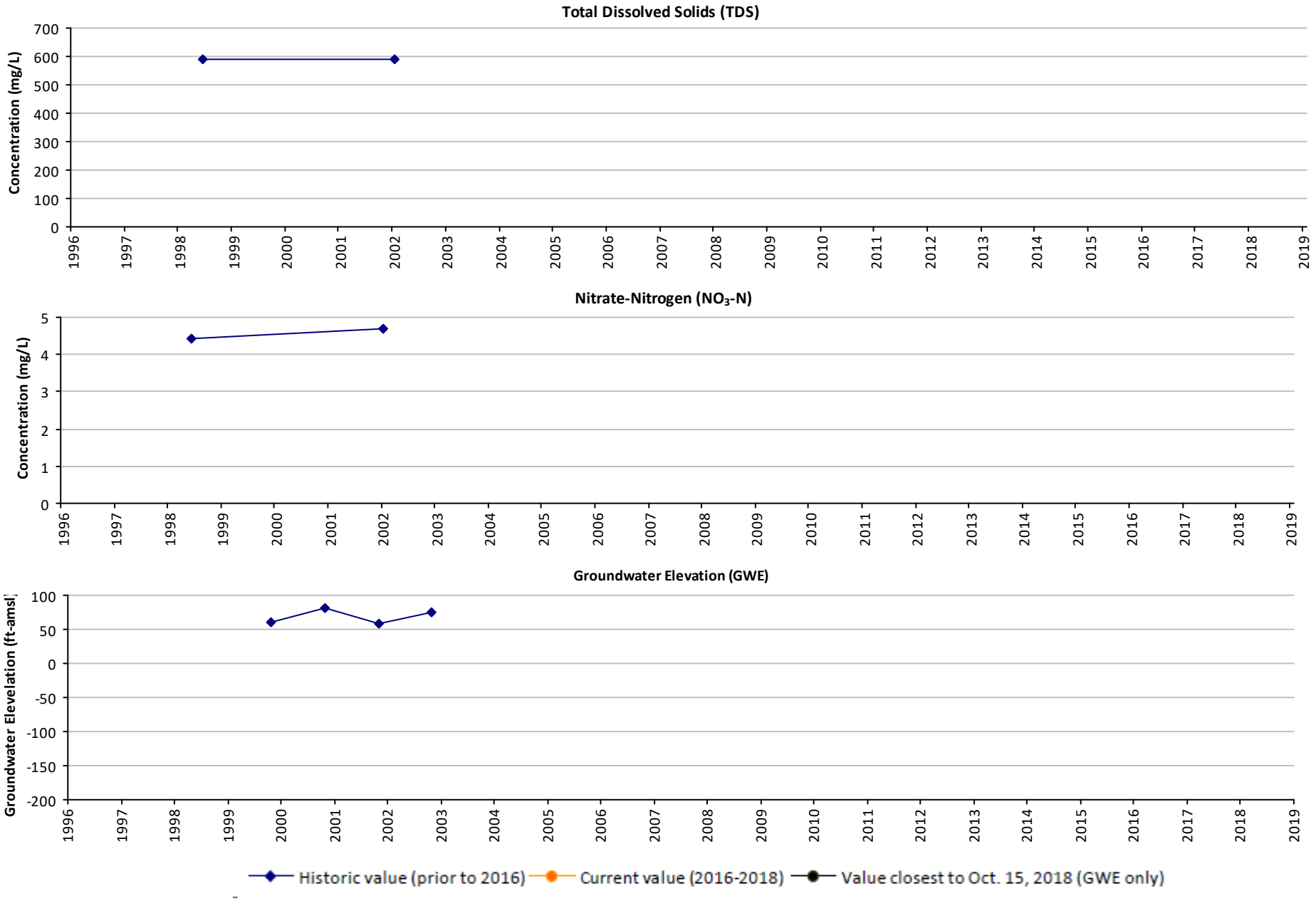
Total Dissolved Solids (TDS)

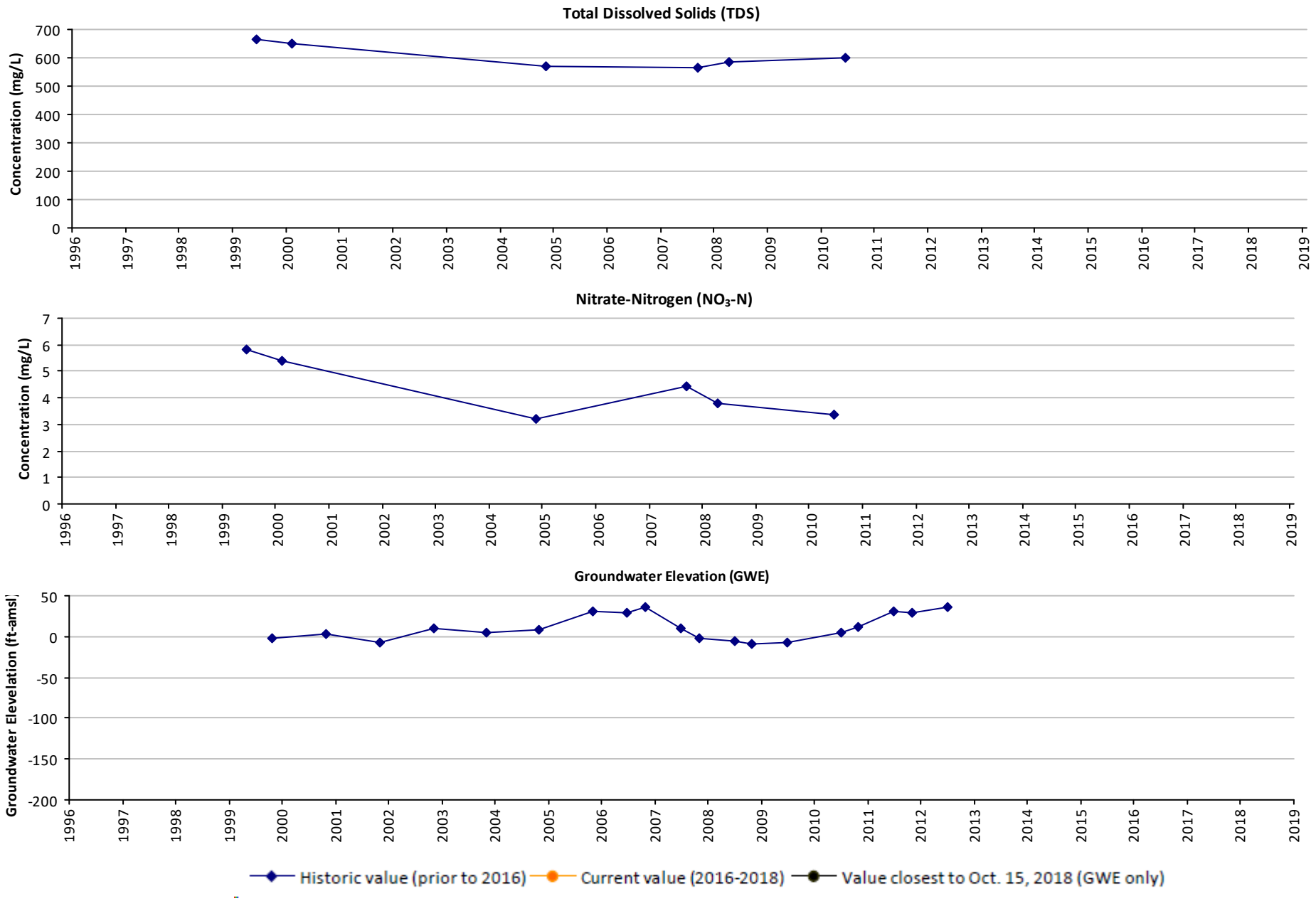
Nitrate-Nitrogen (NO_3-N)

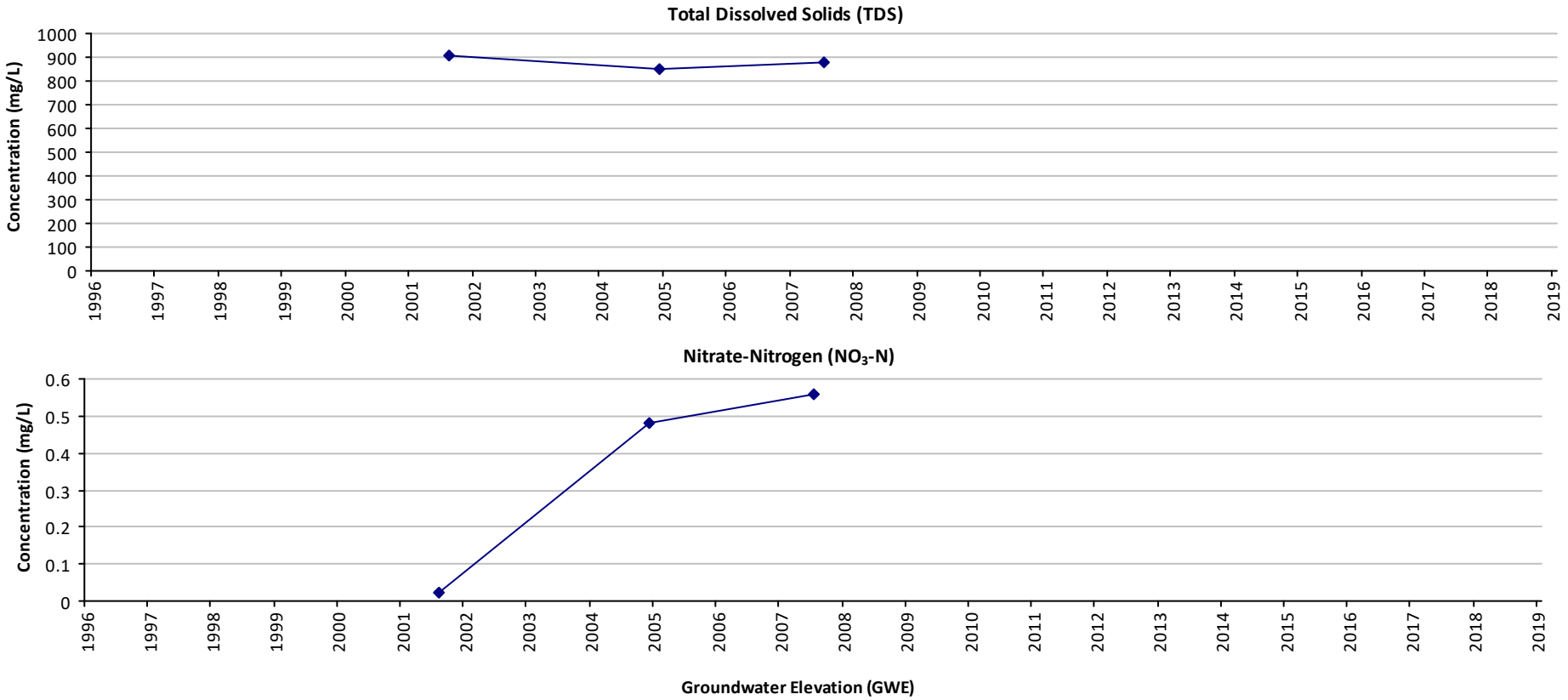


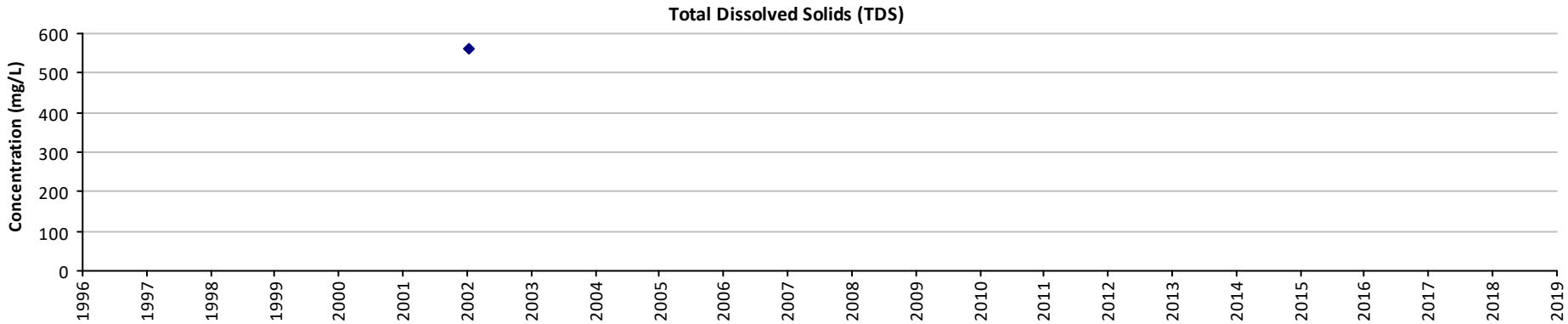
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

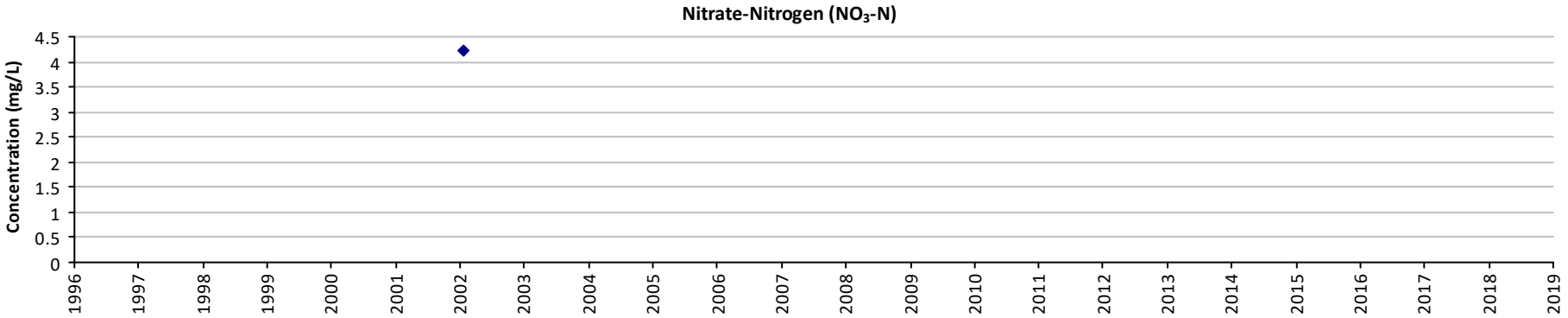

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

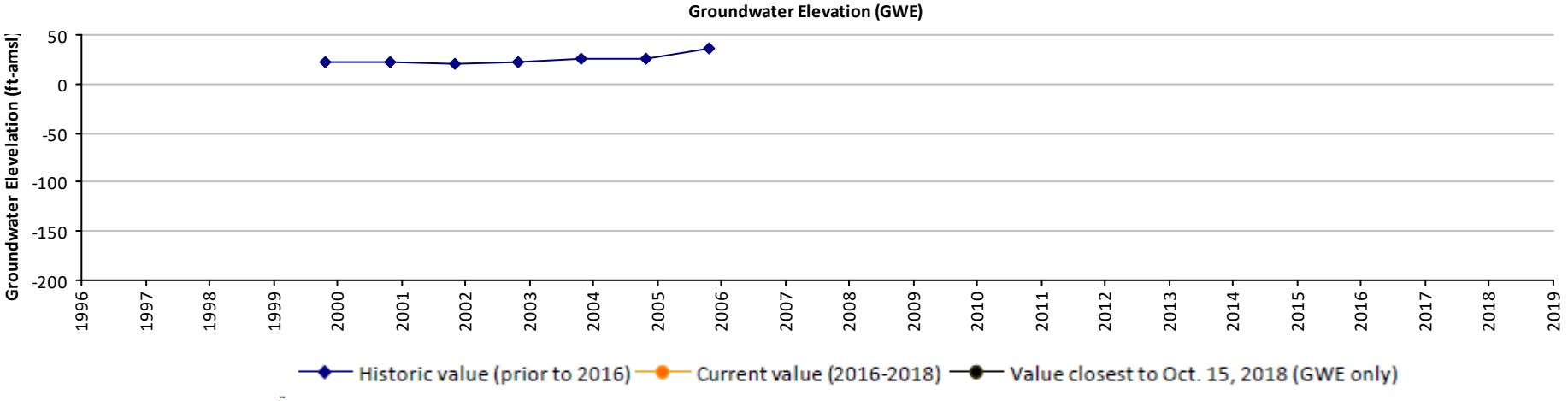

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

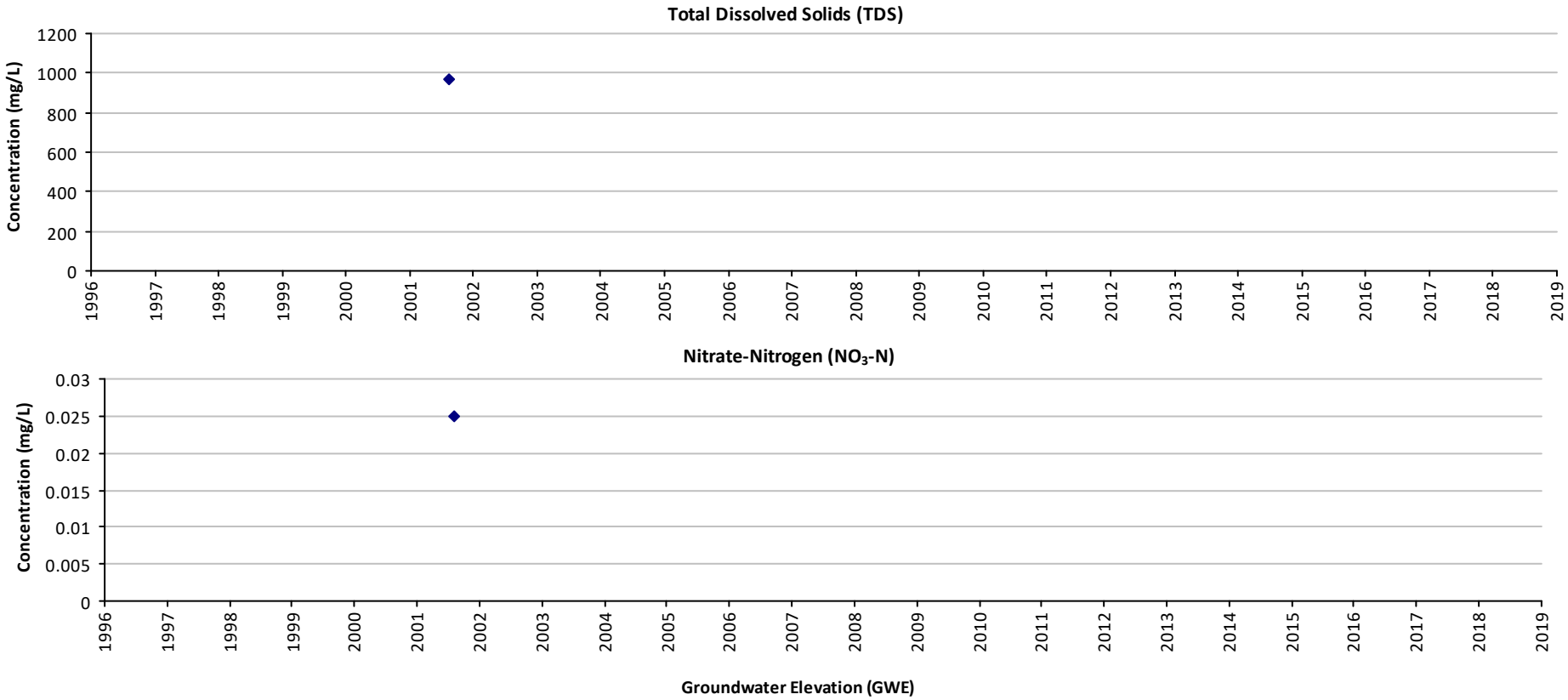

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

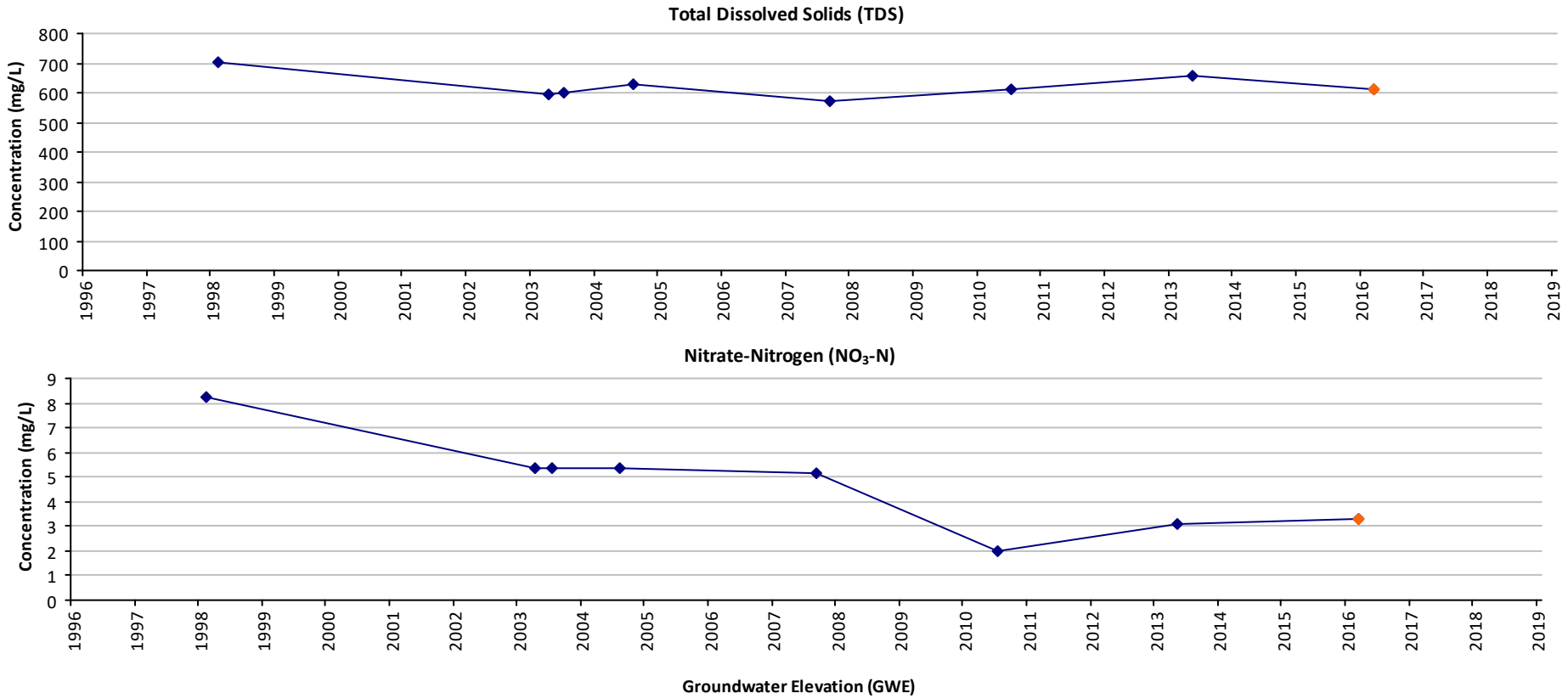

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

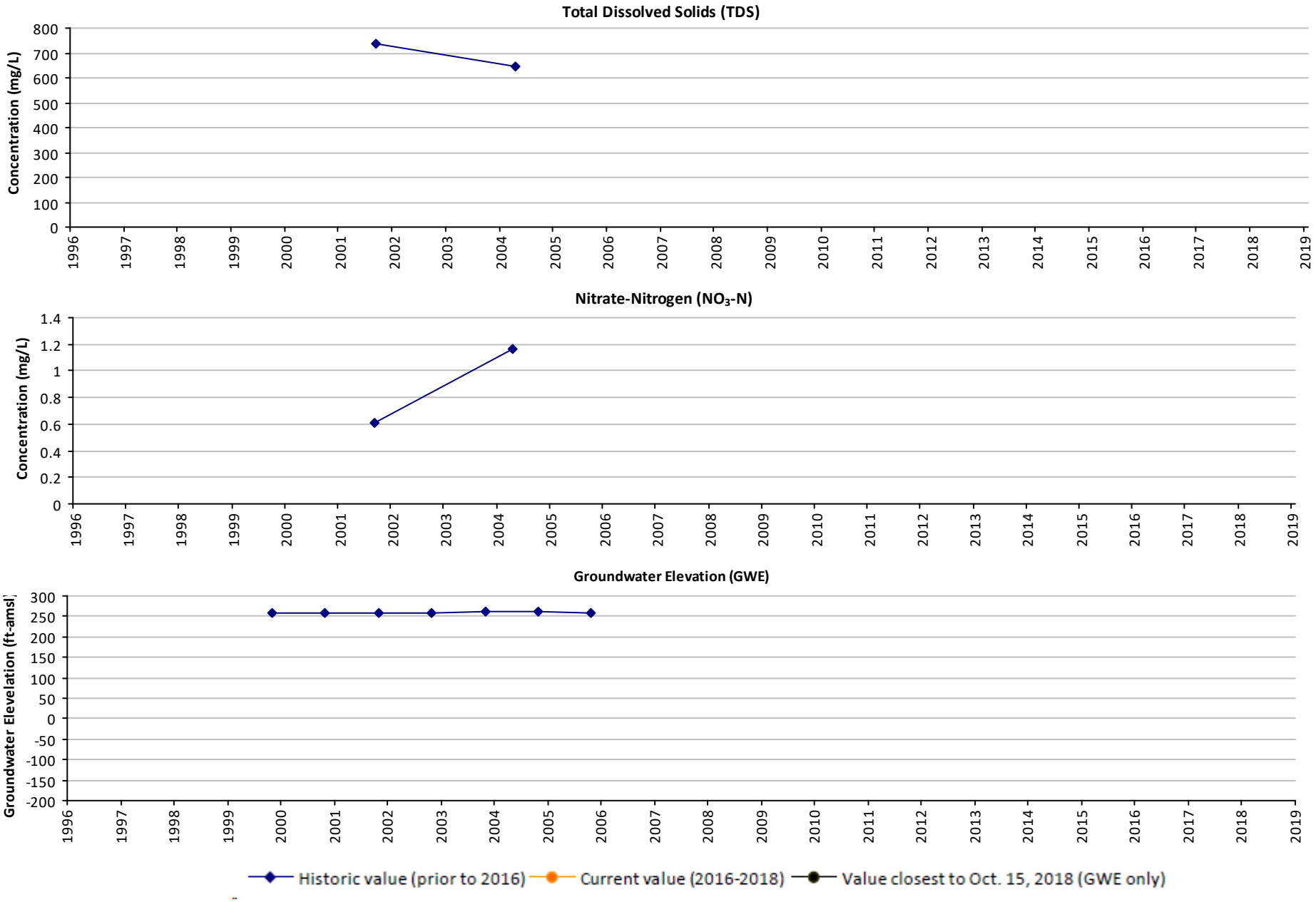

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

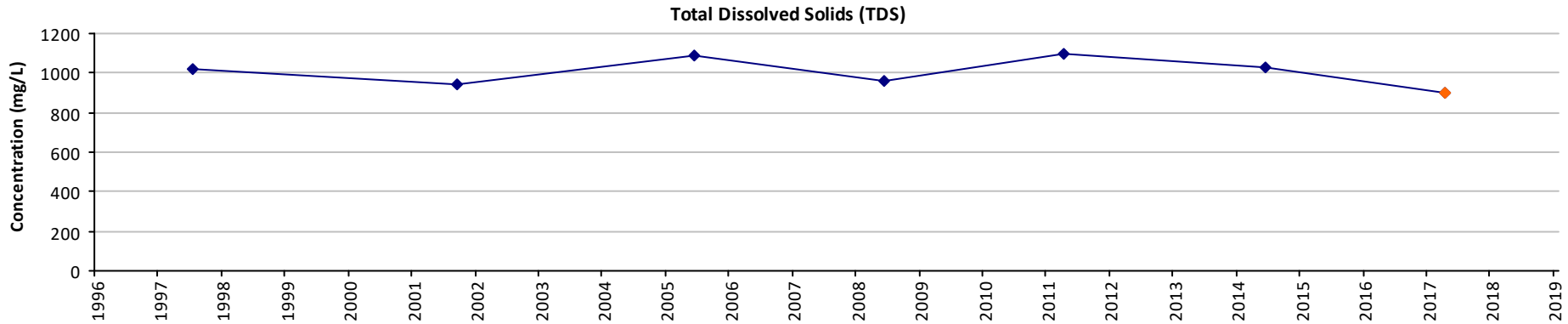

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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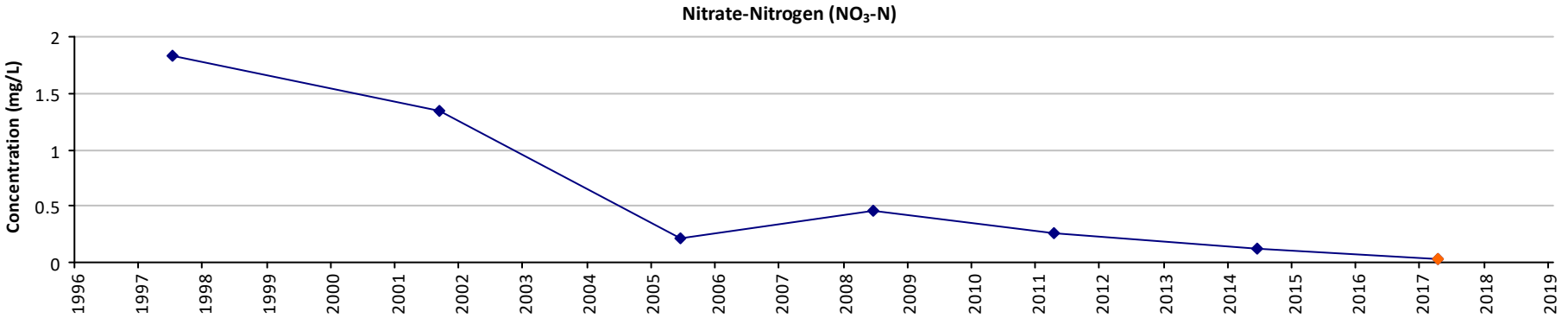
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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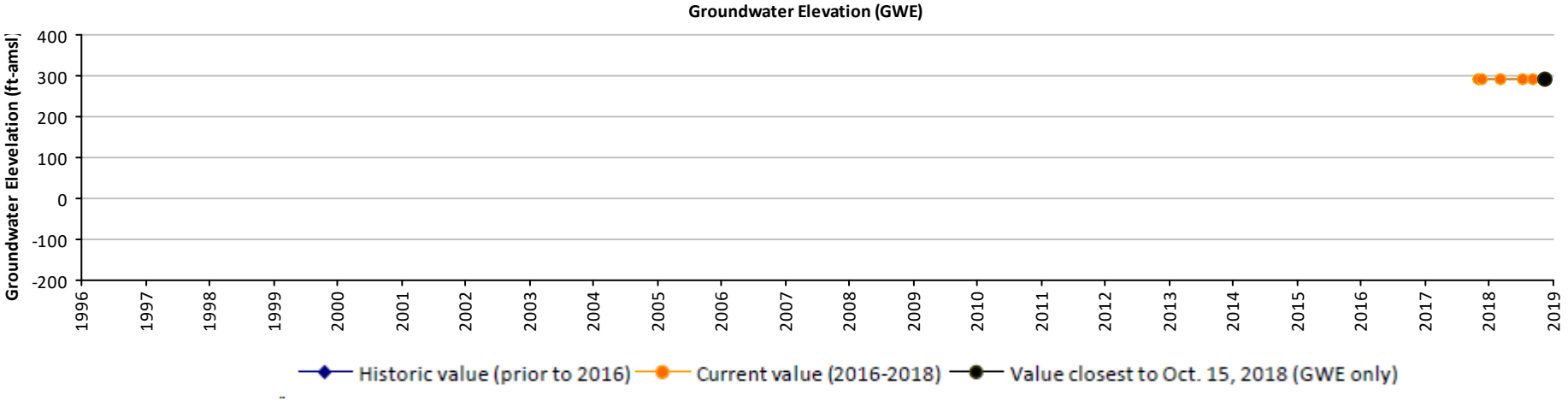
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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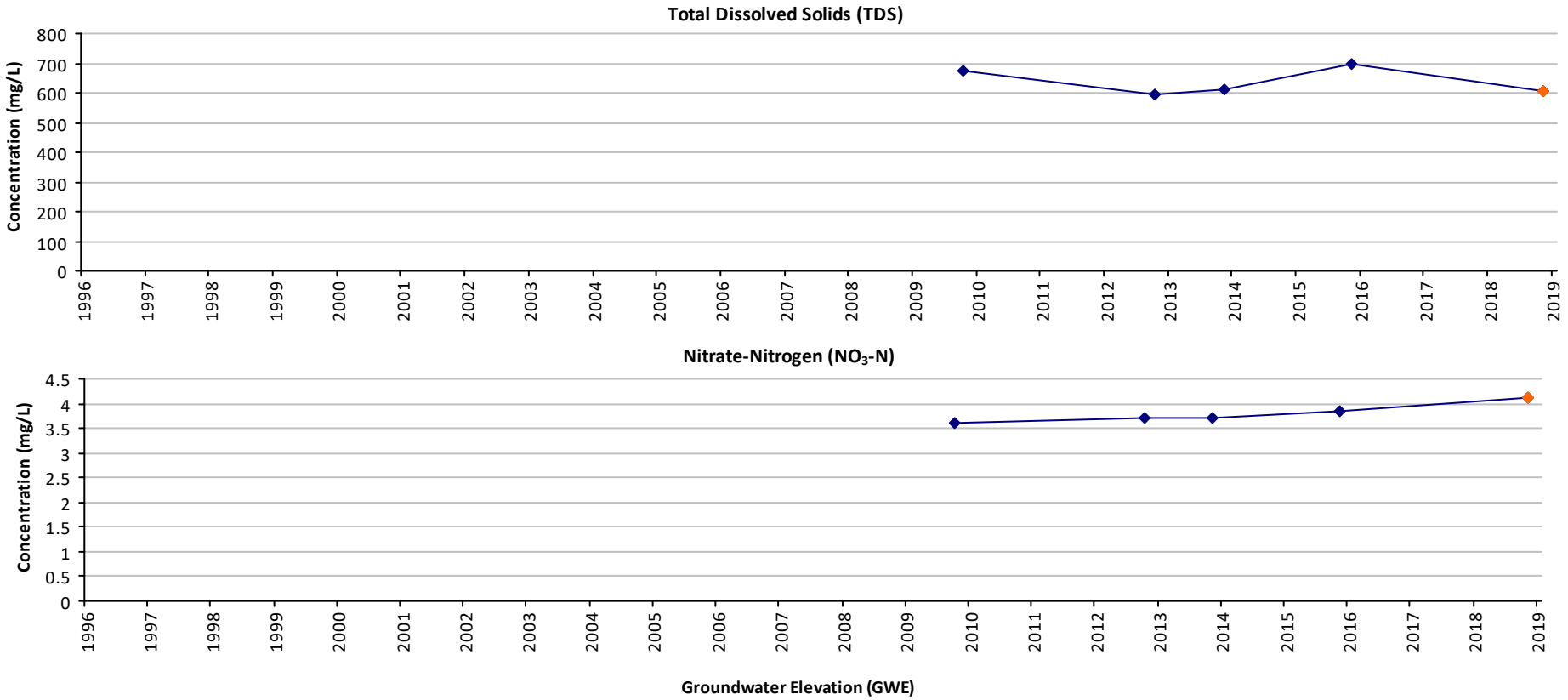
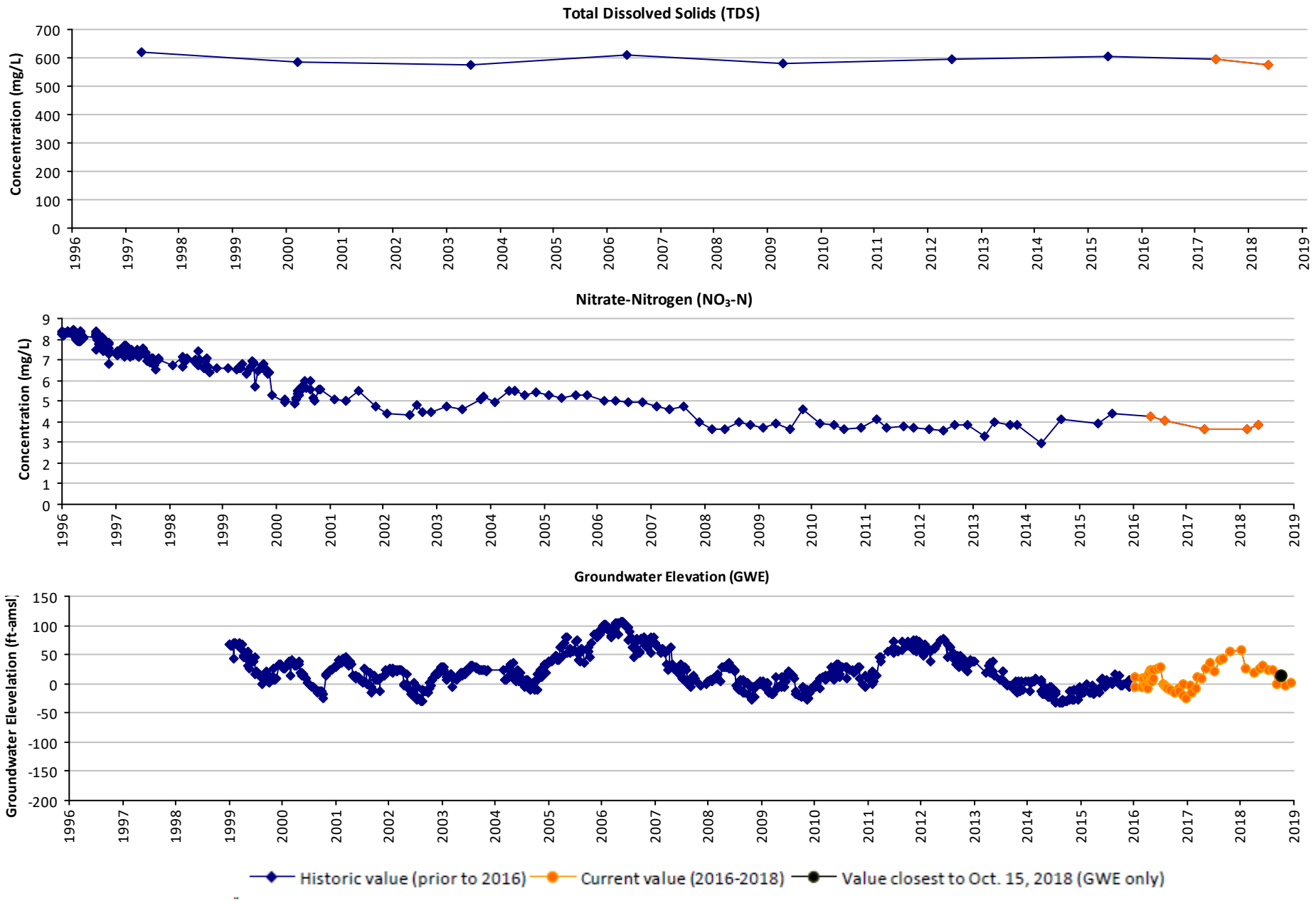
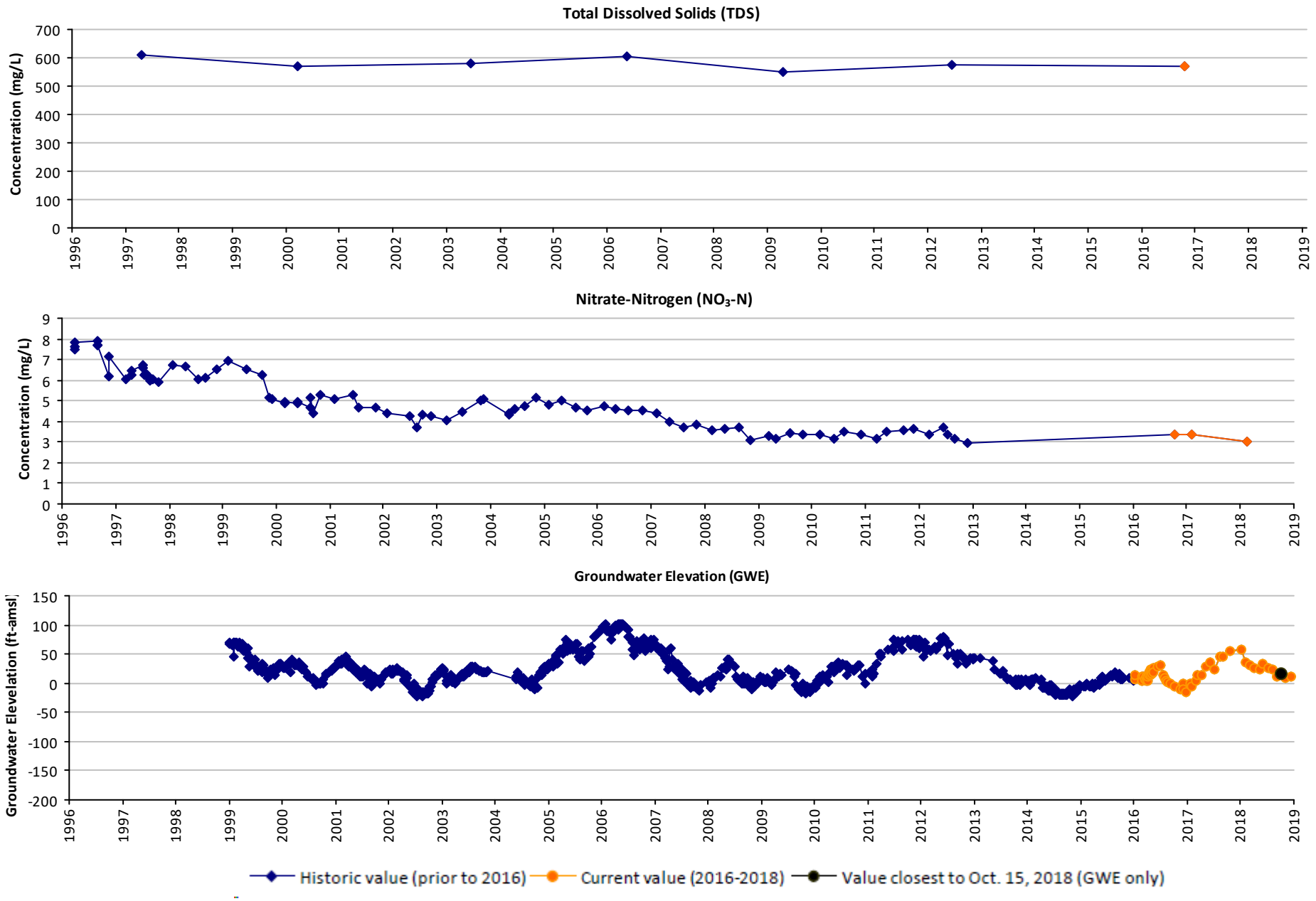
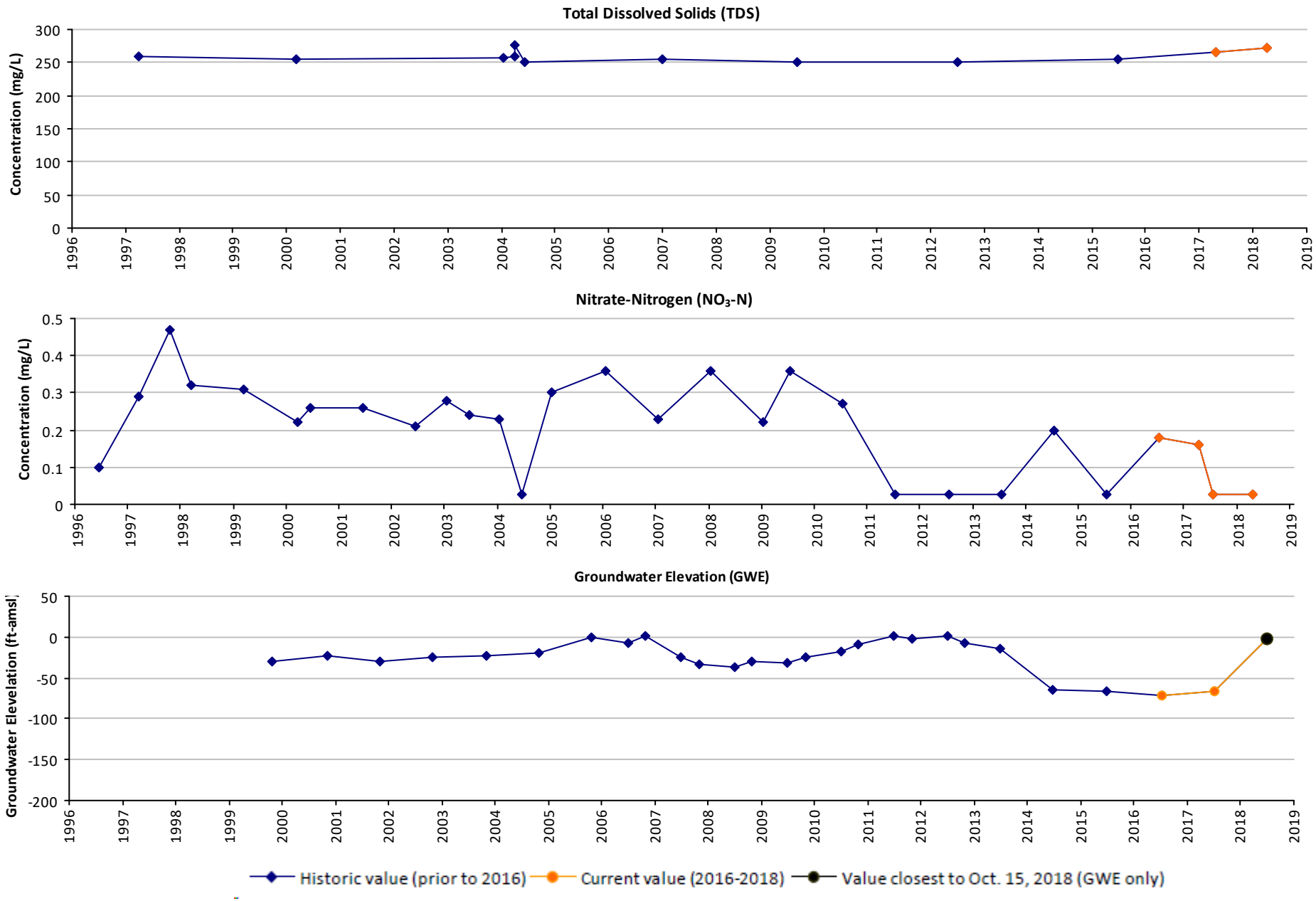
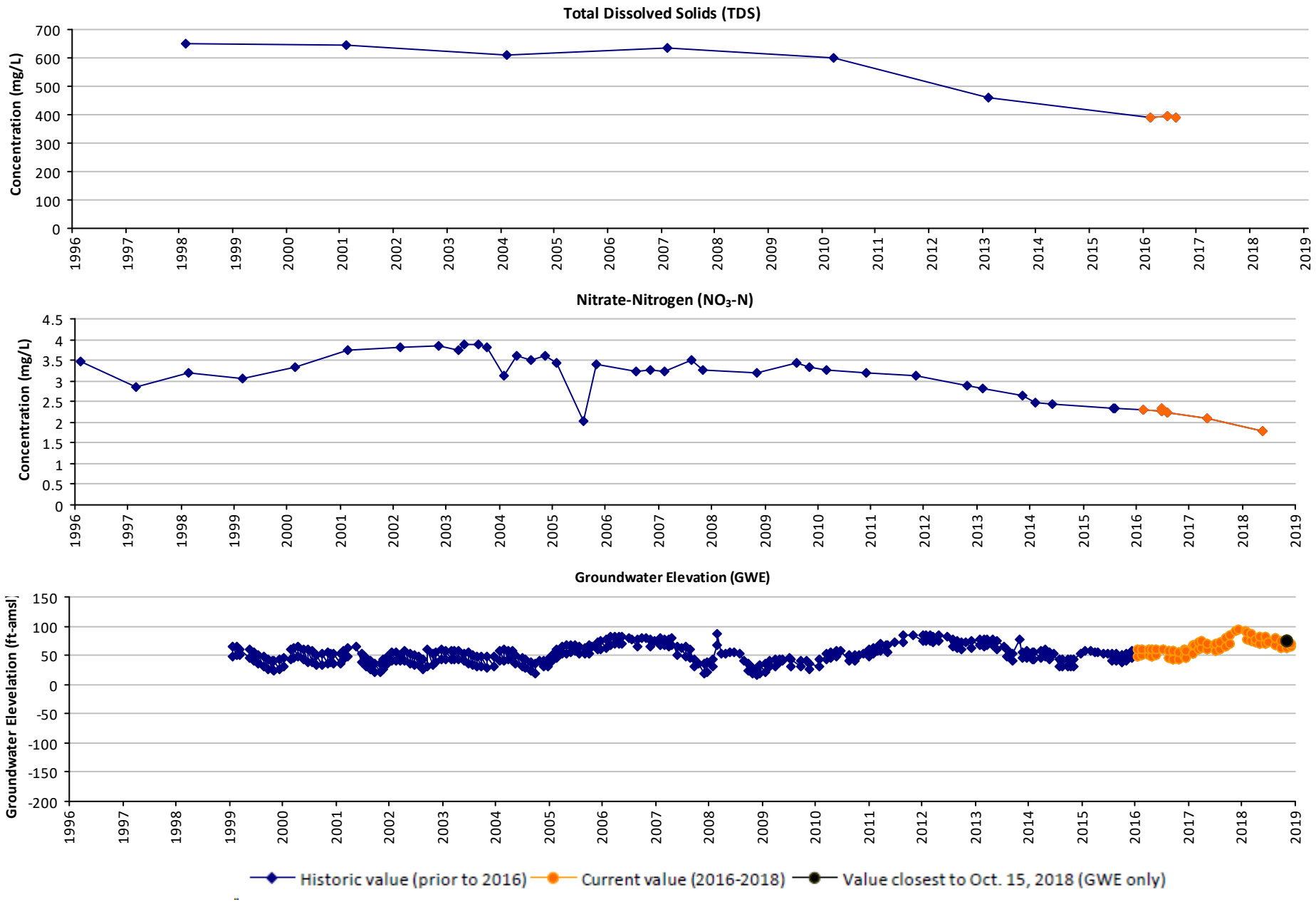
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

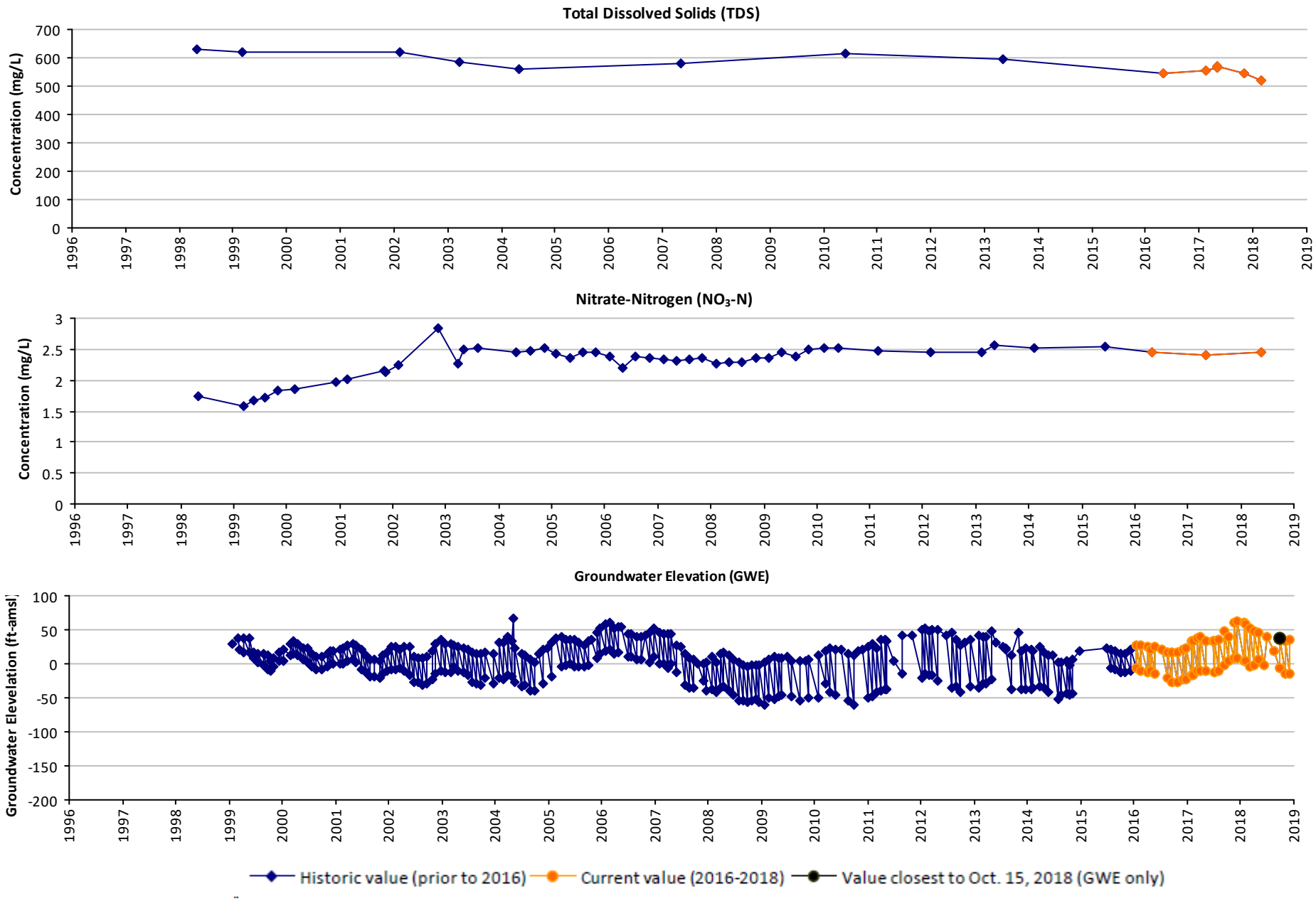

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

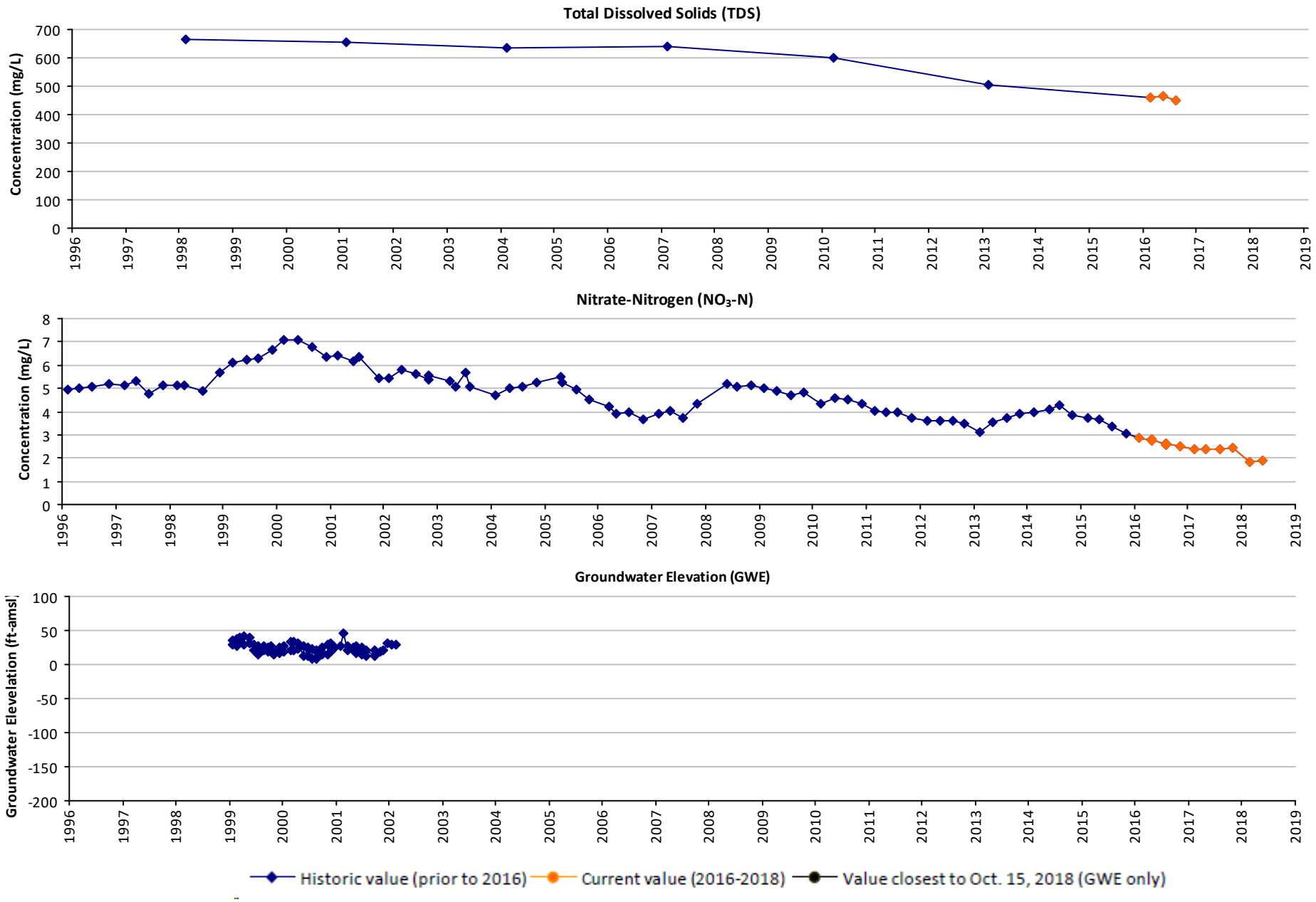

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

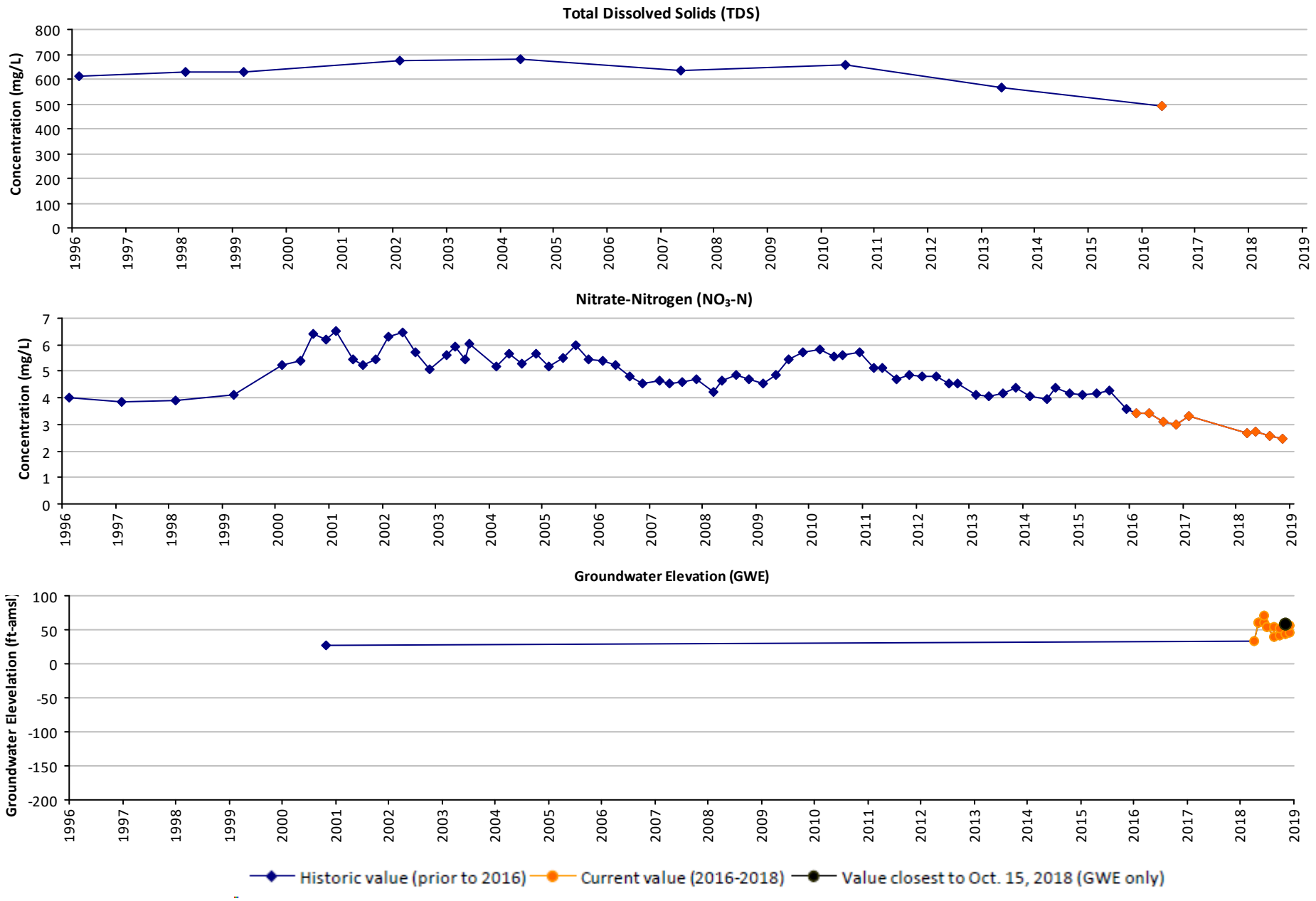

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

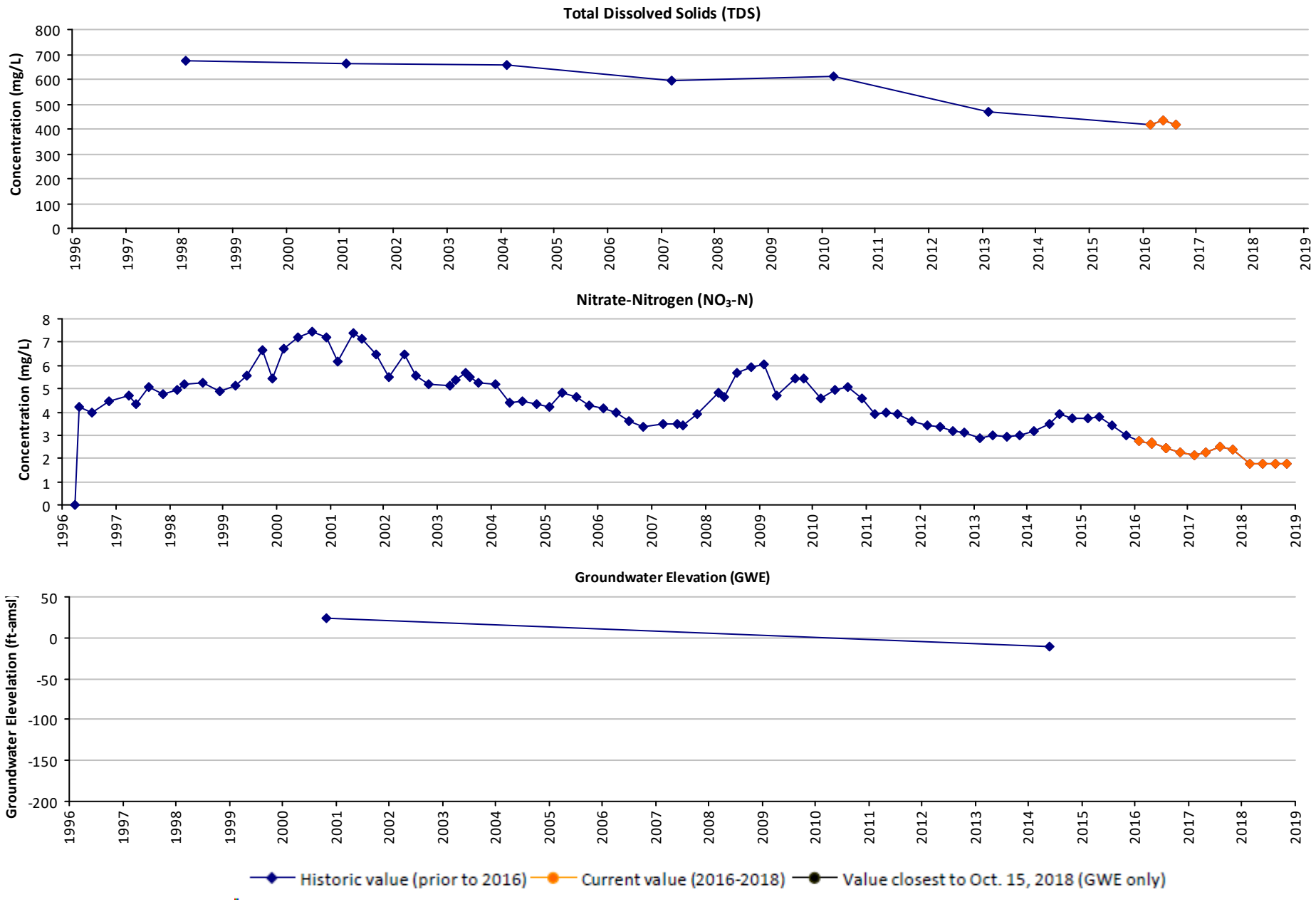

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

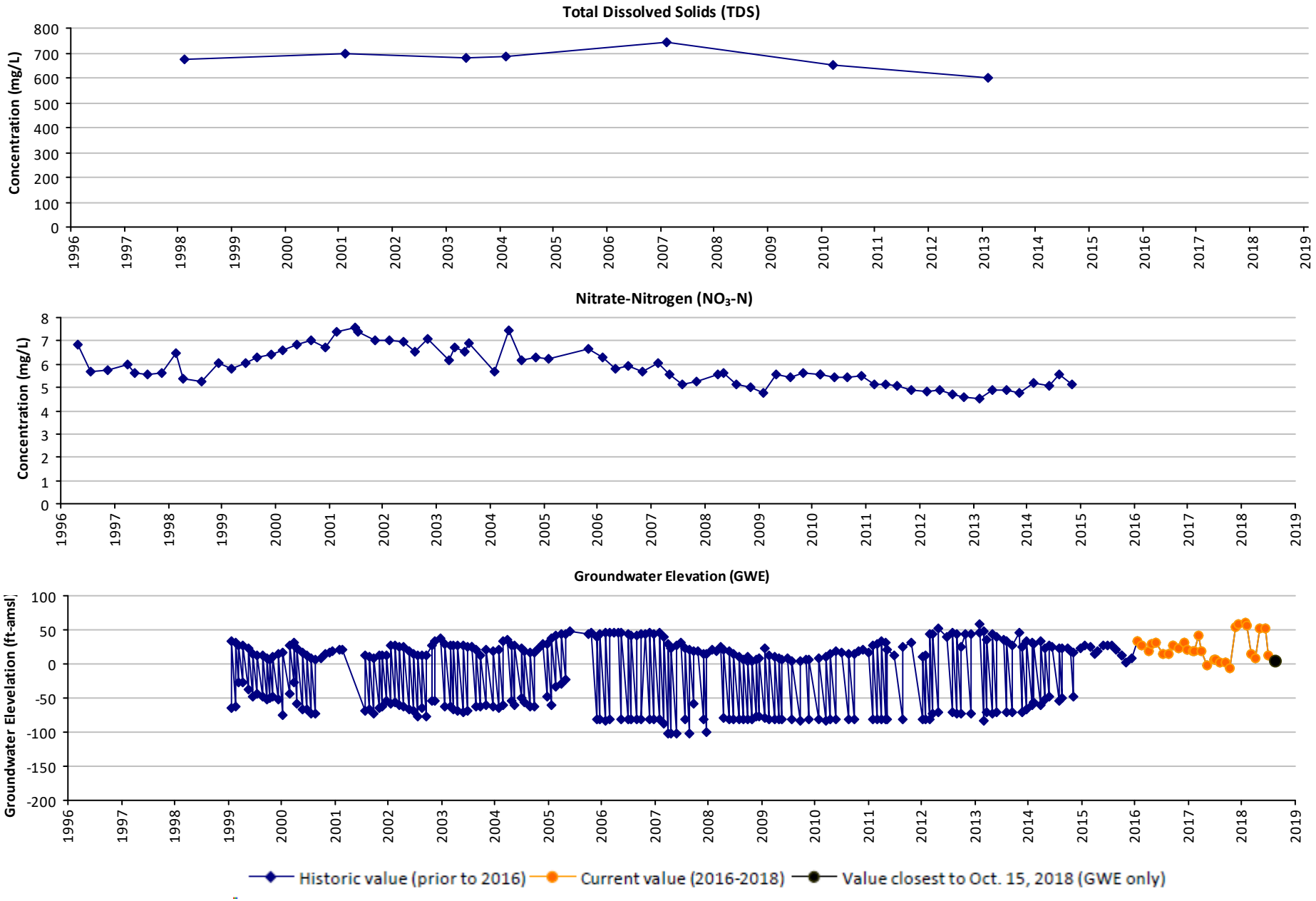

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

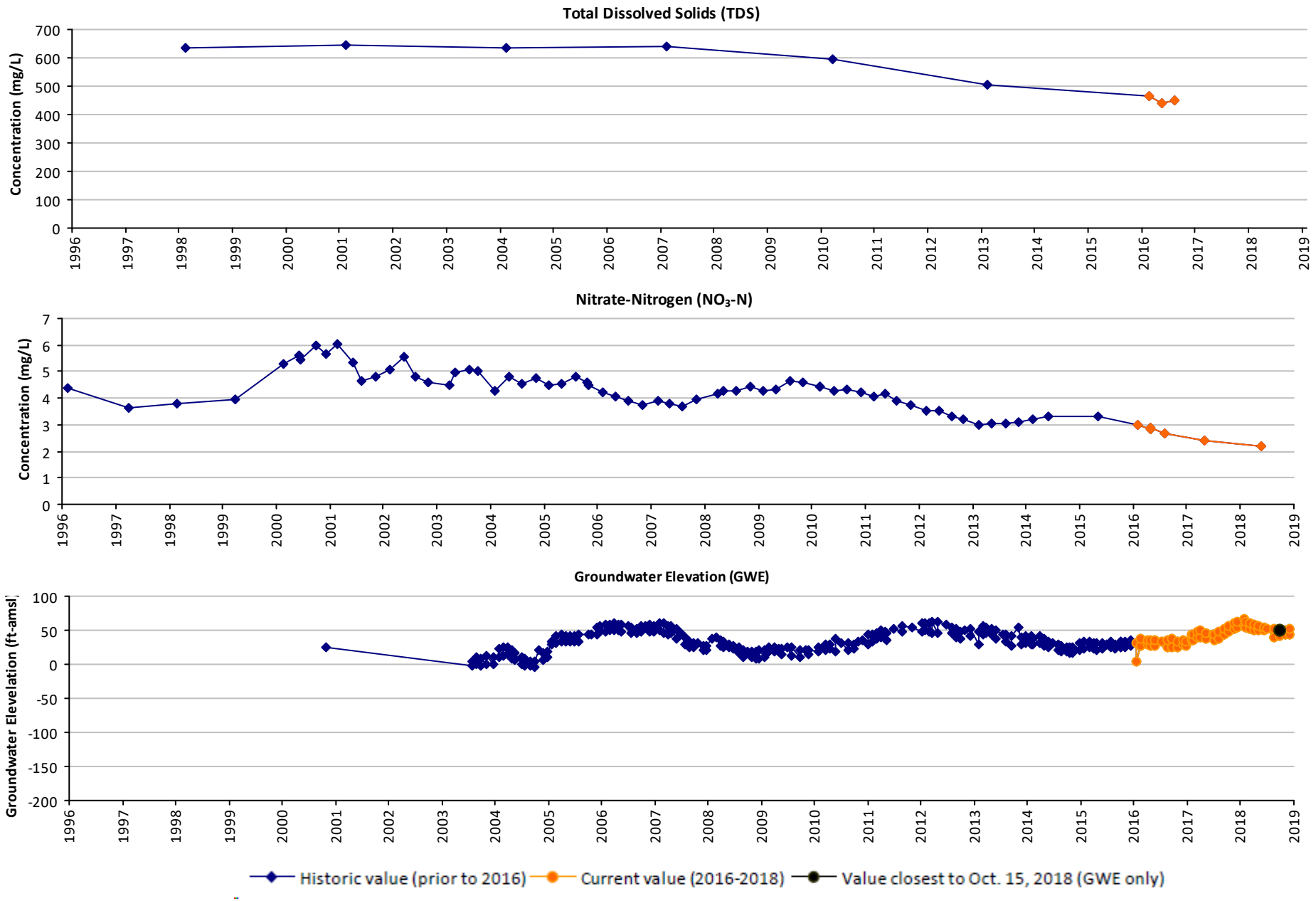

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

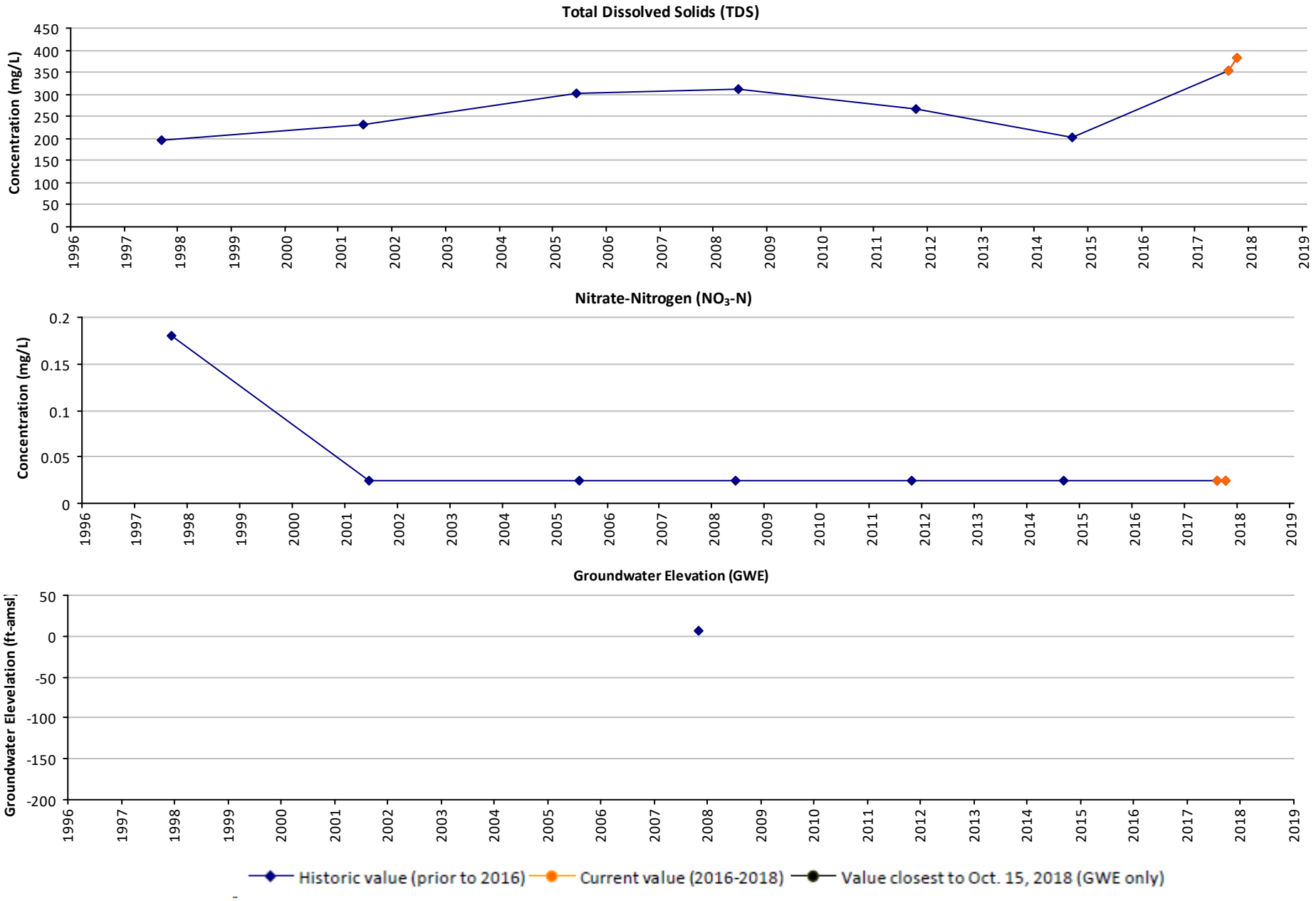

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

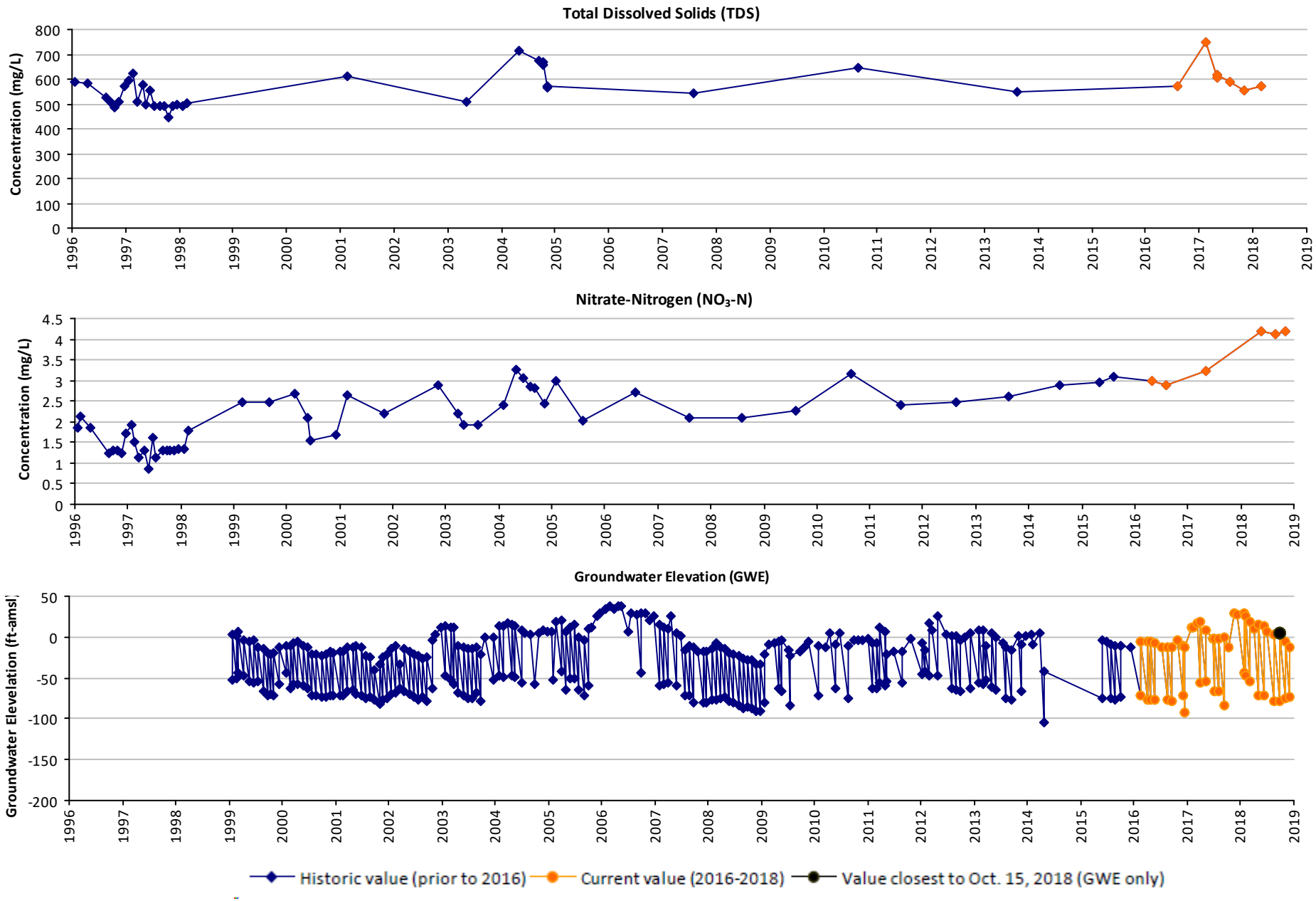

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

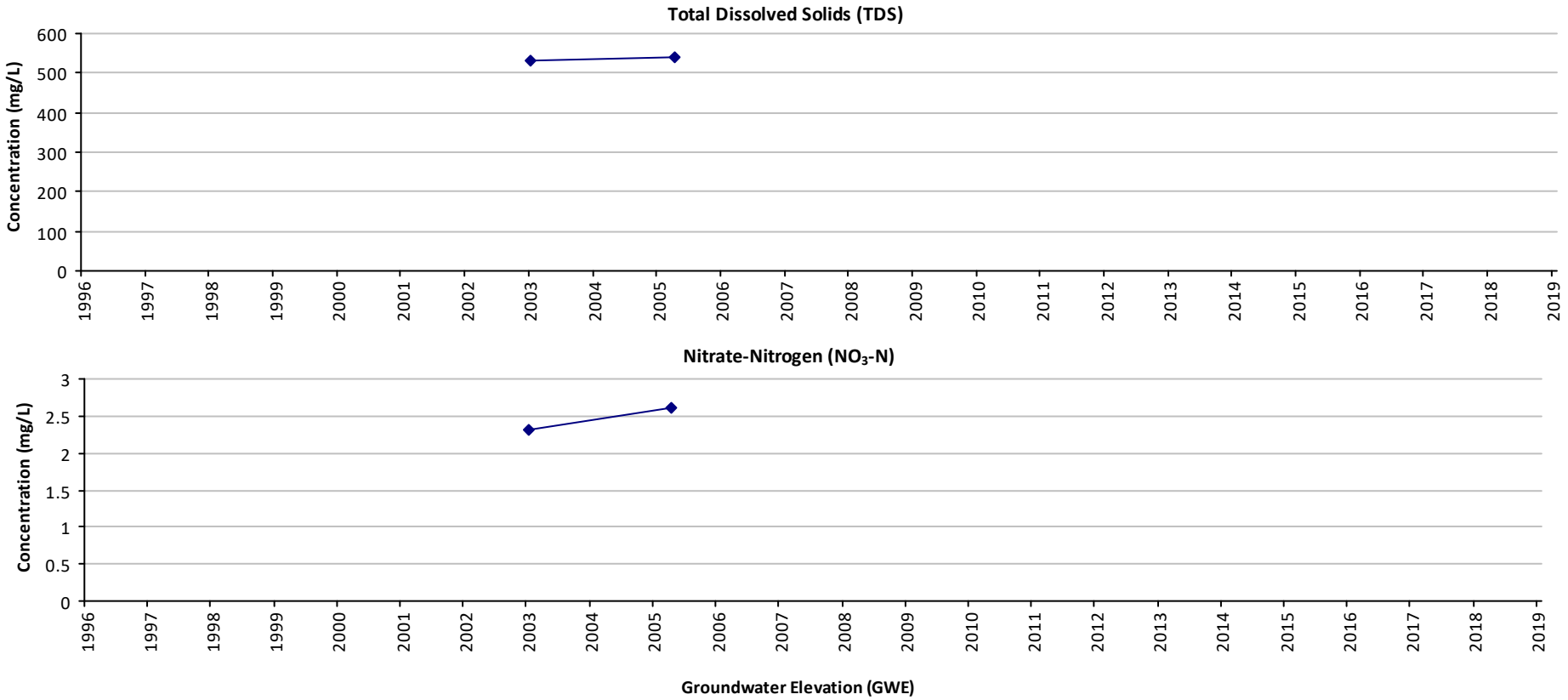

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

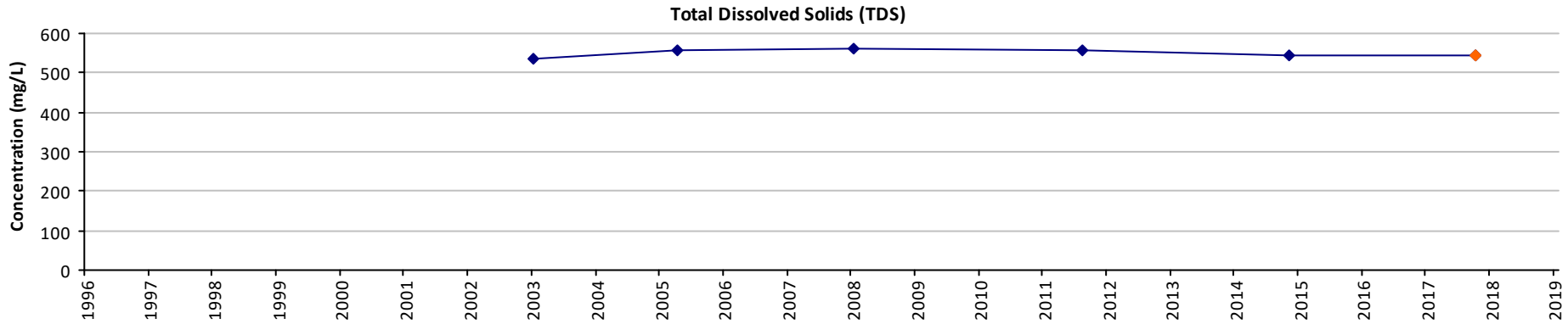

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
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2002
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2004
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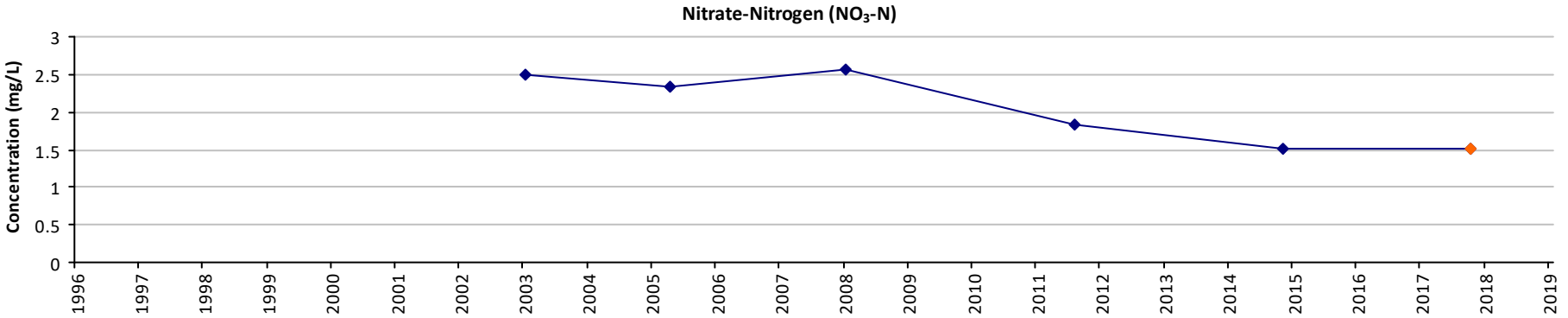
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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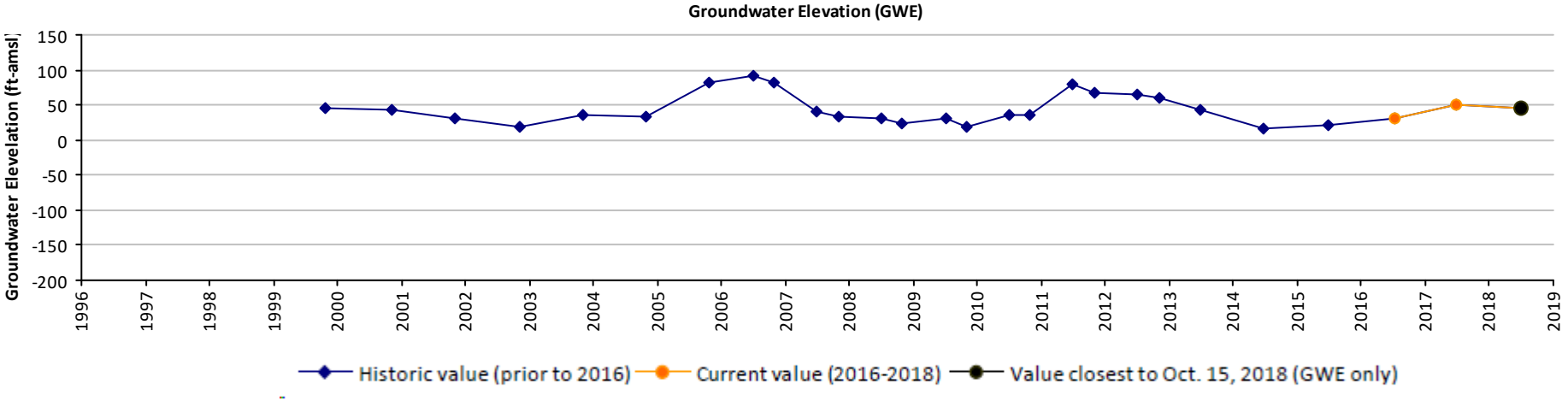
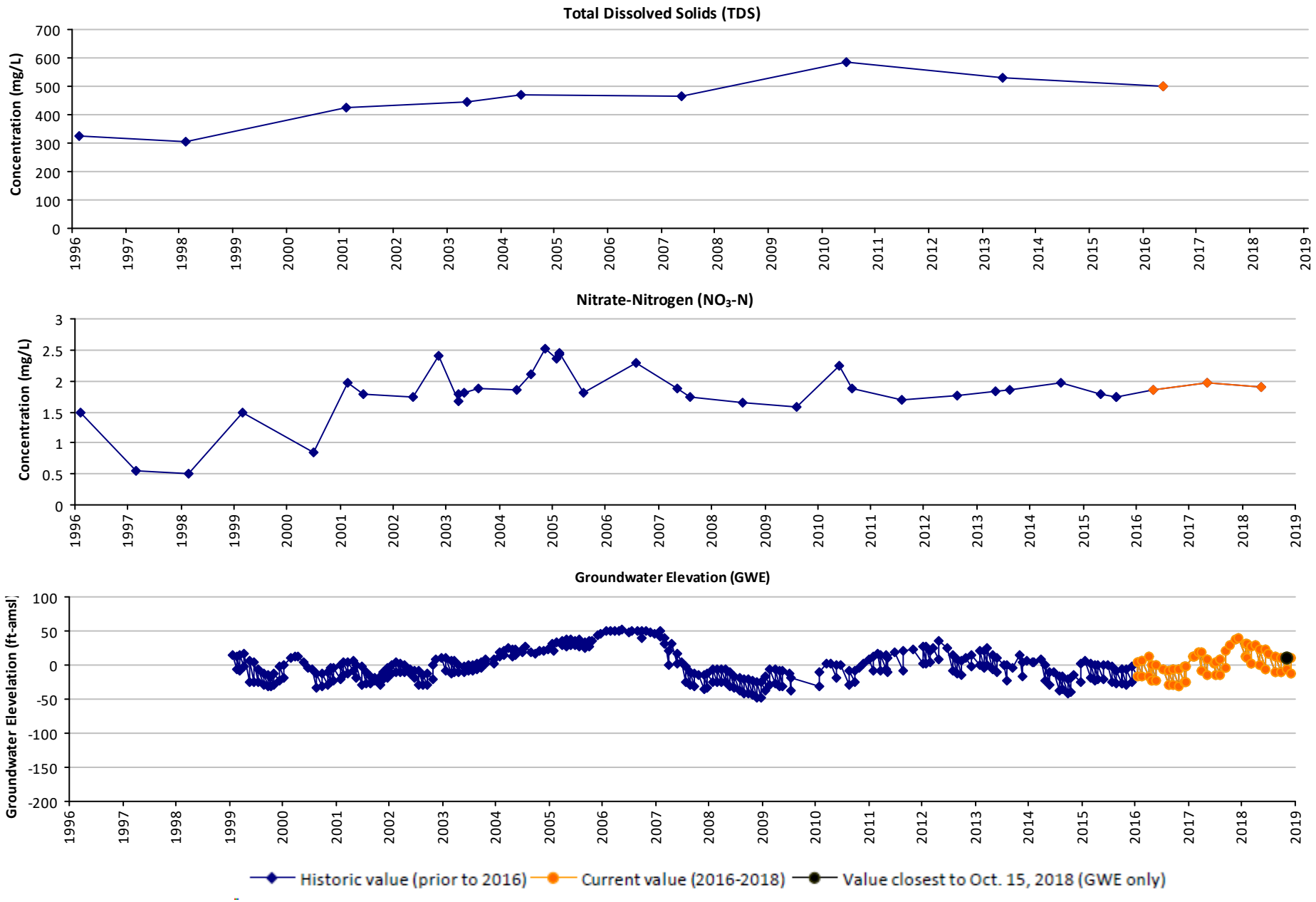
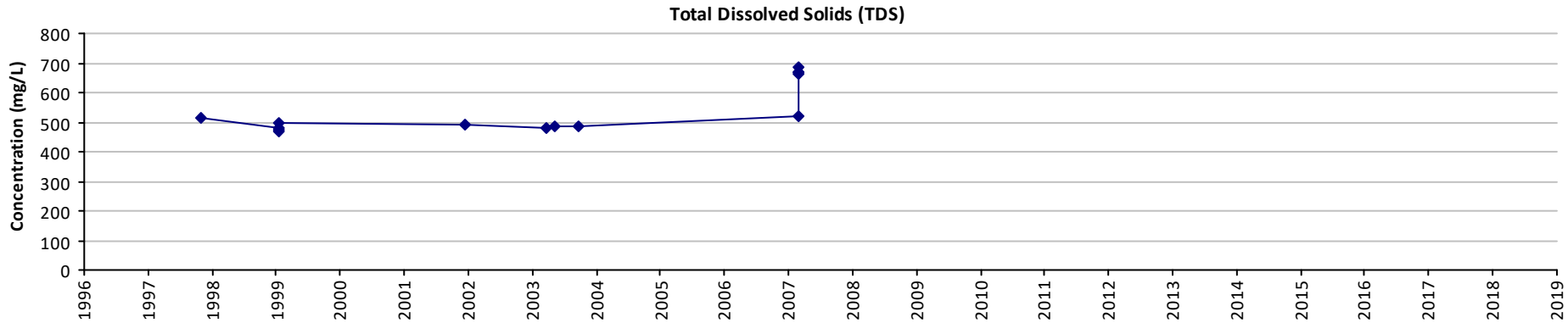
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
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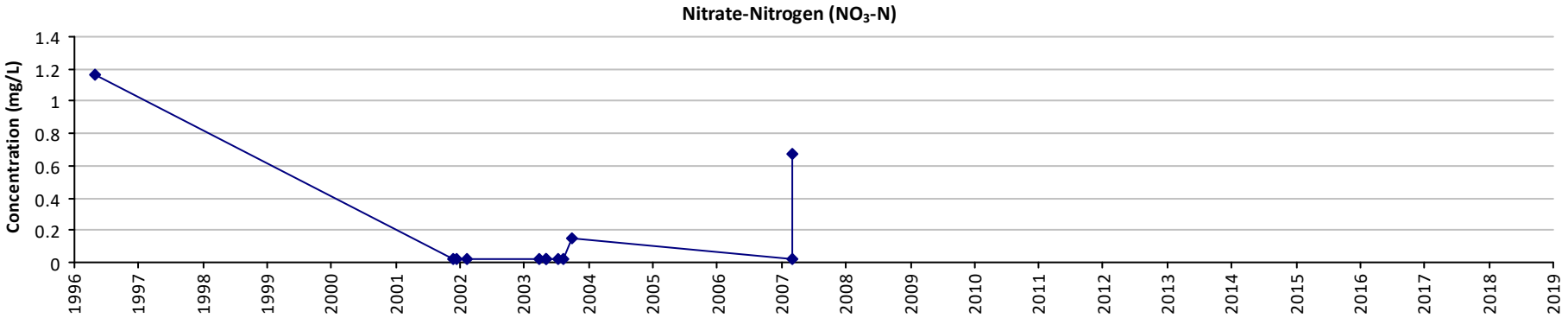
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
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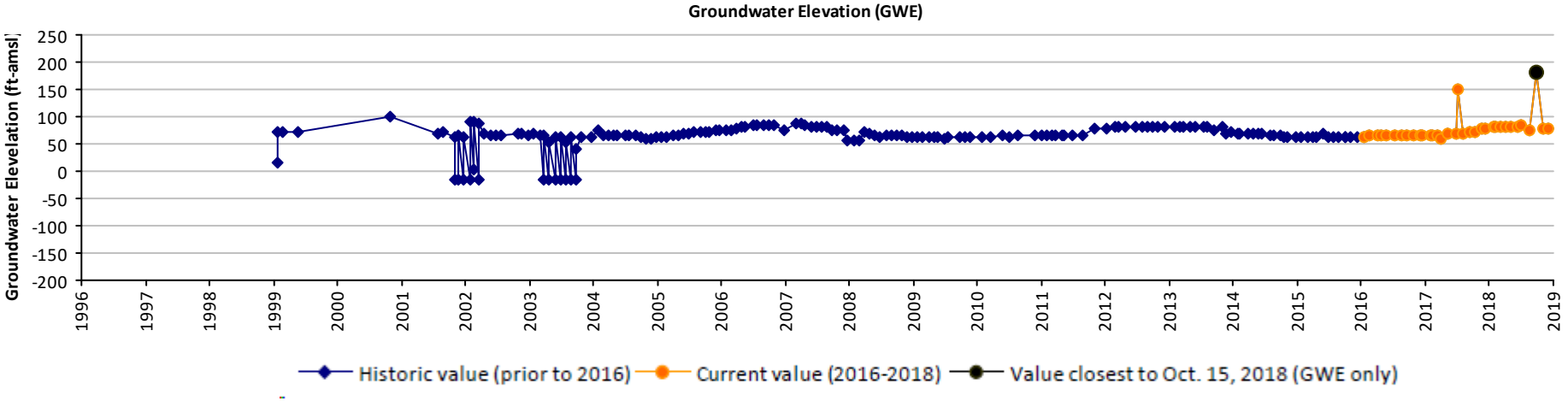
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2012
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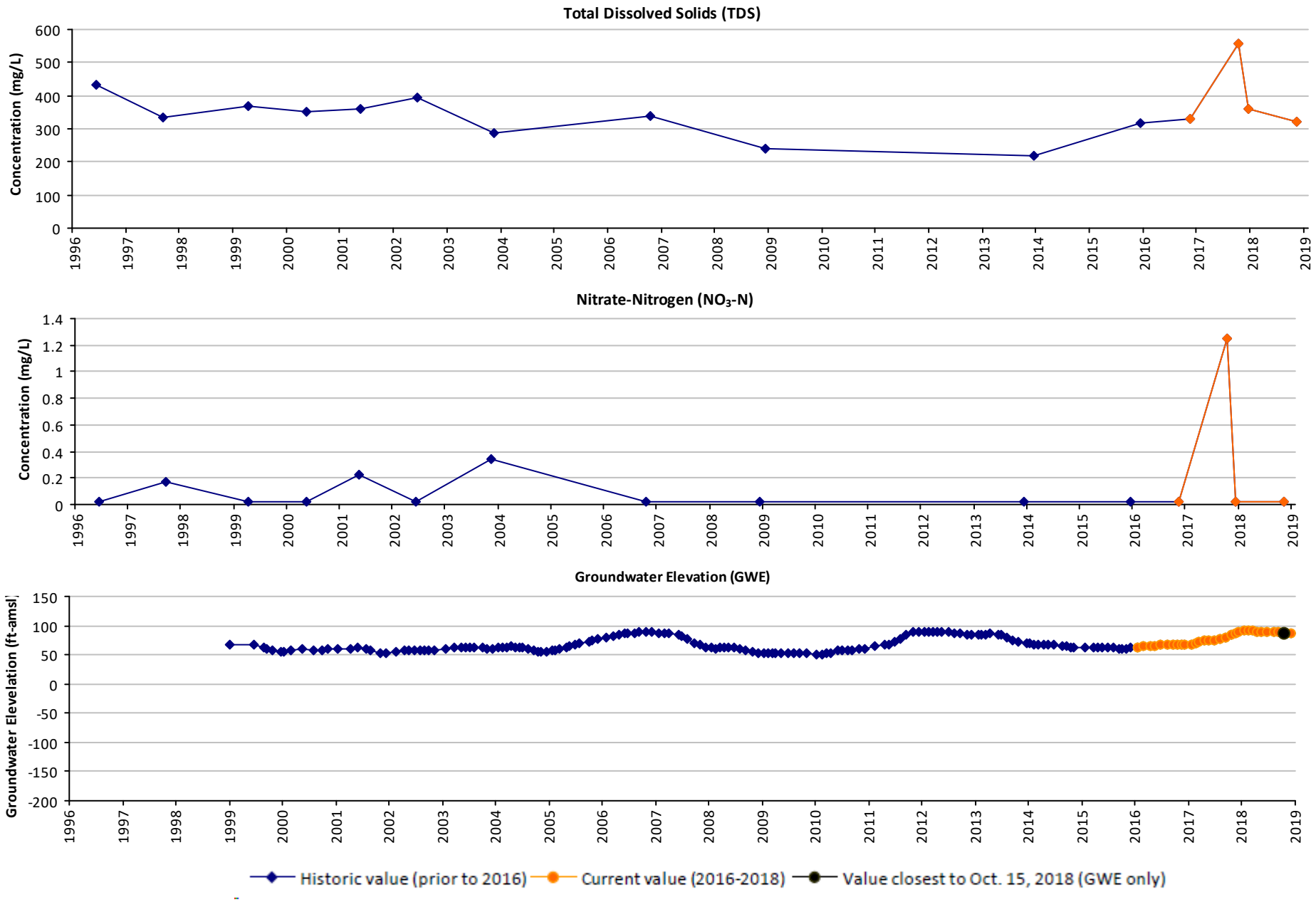
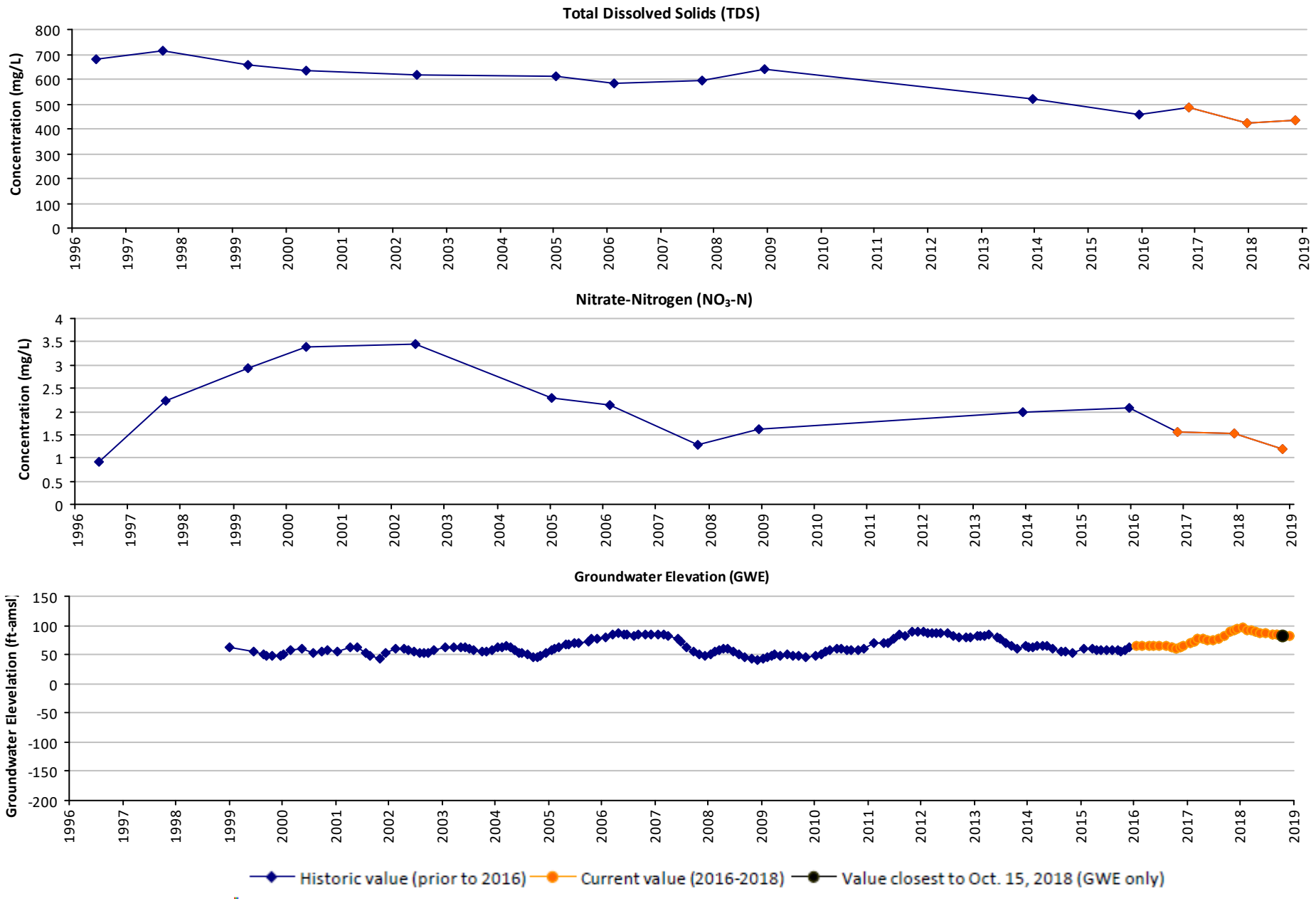
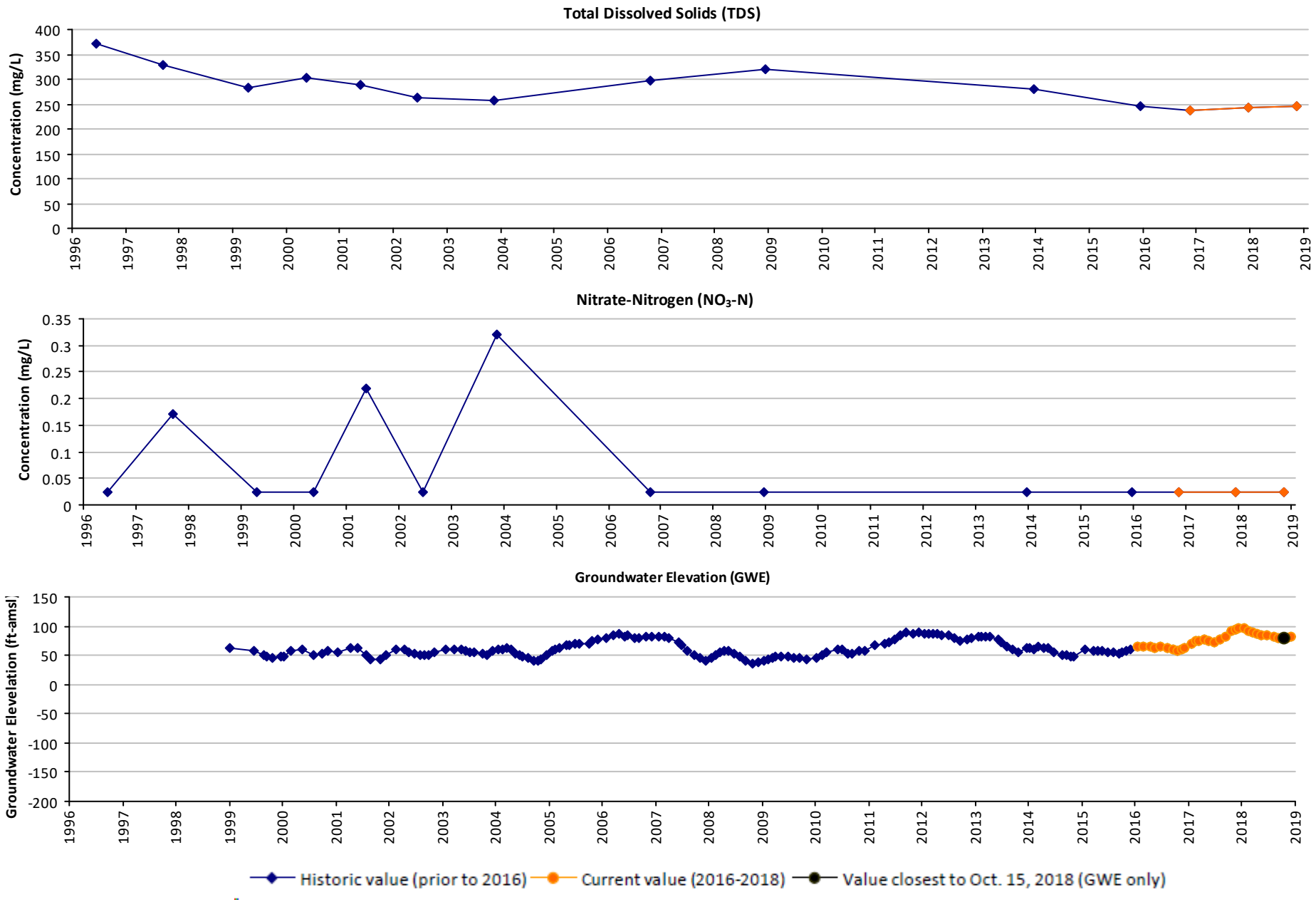
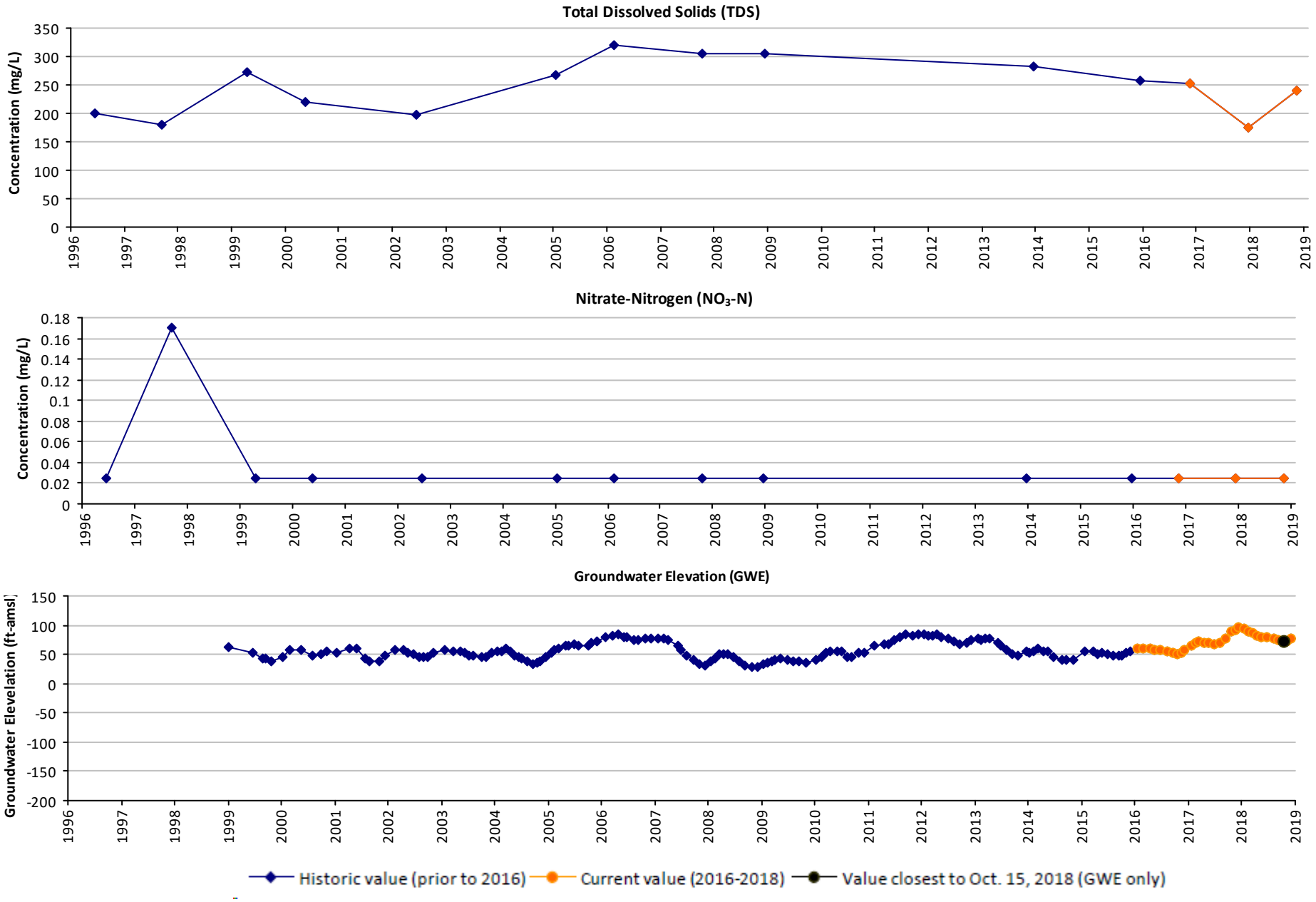
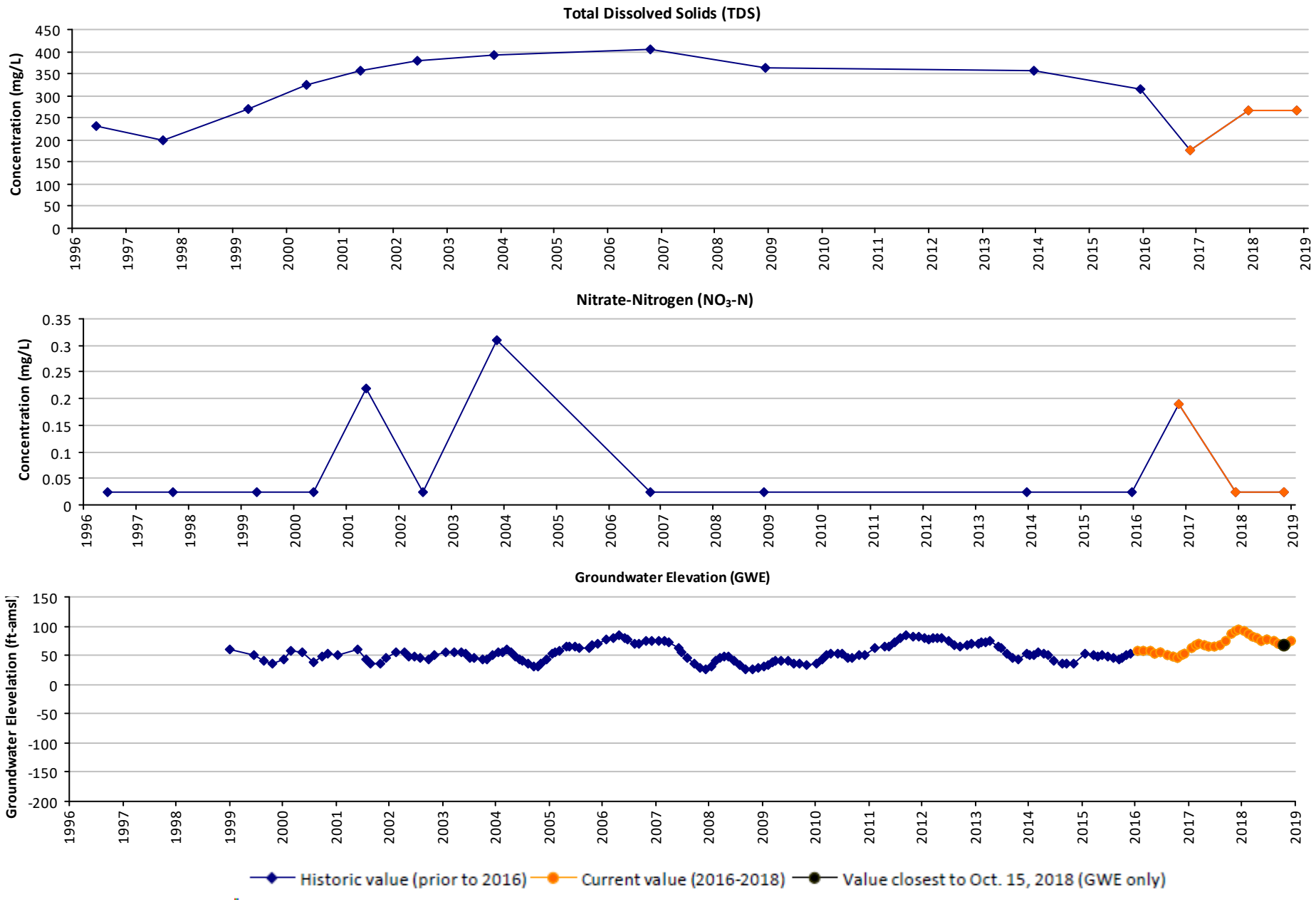
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

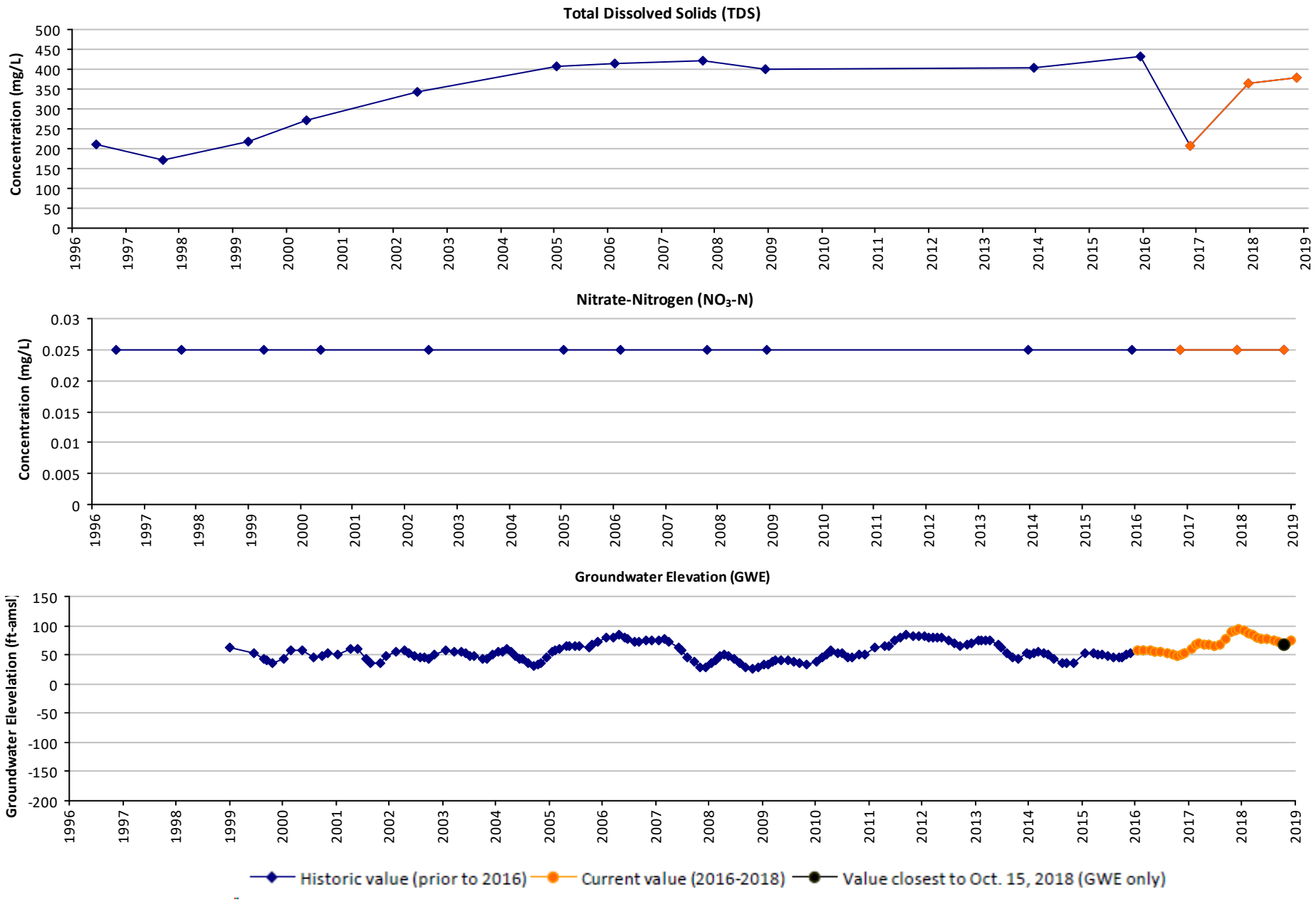

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

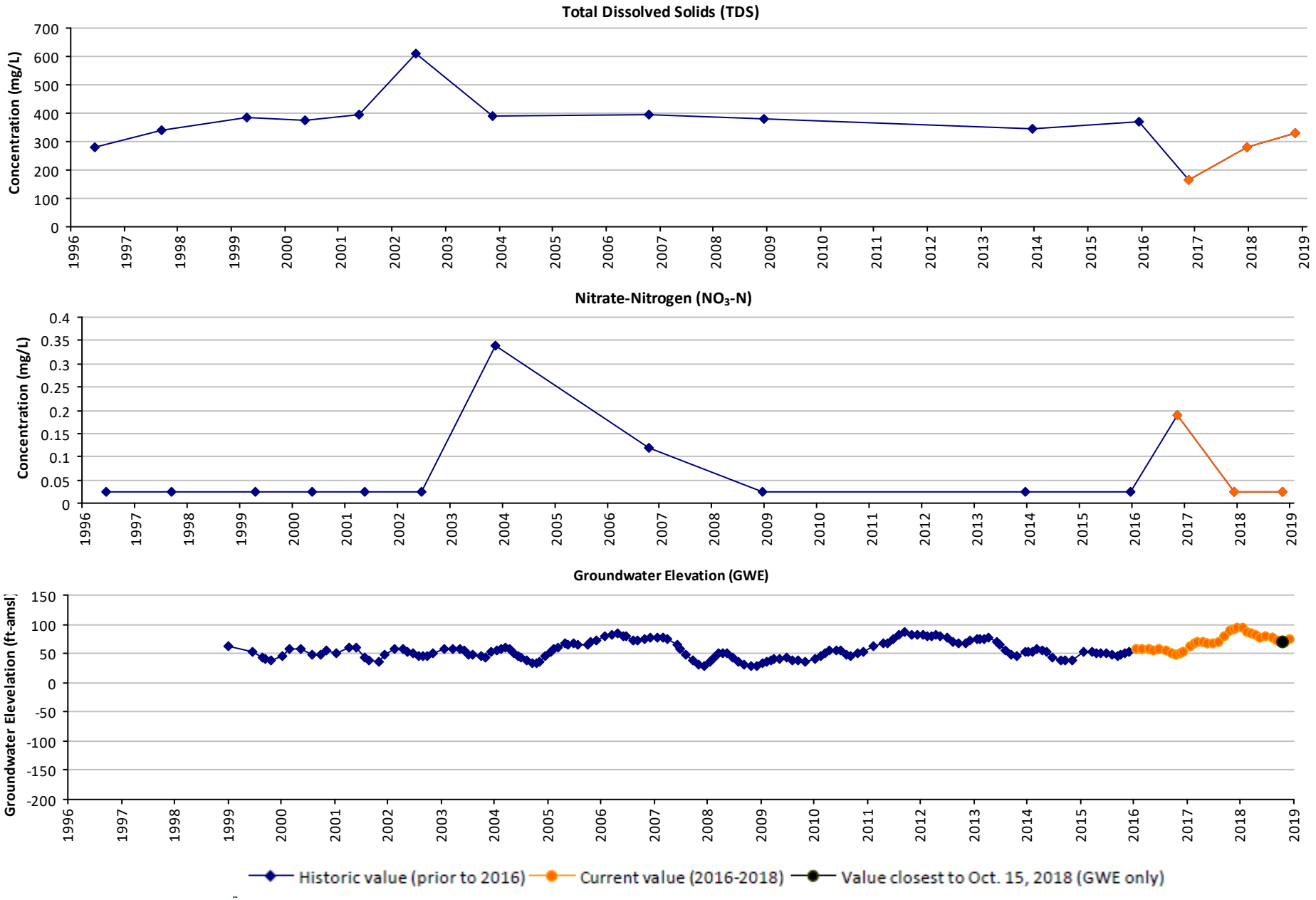

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

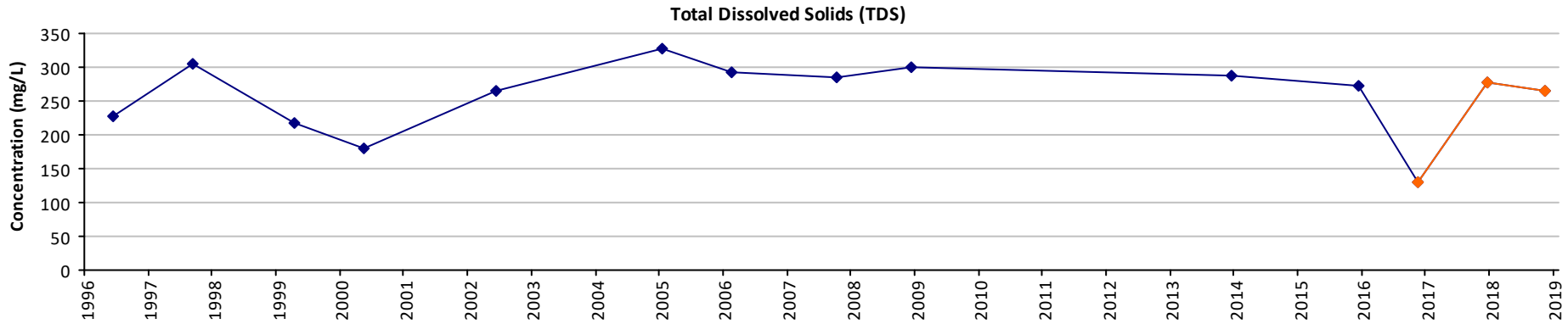

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

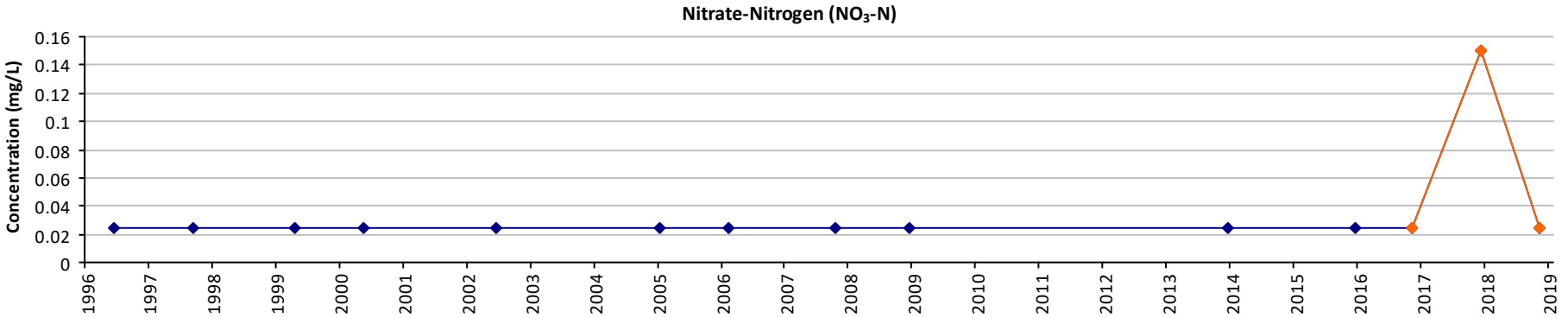

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

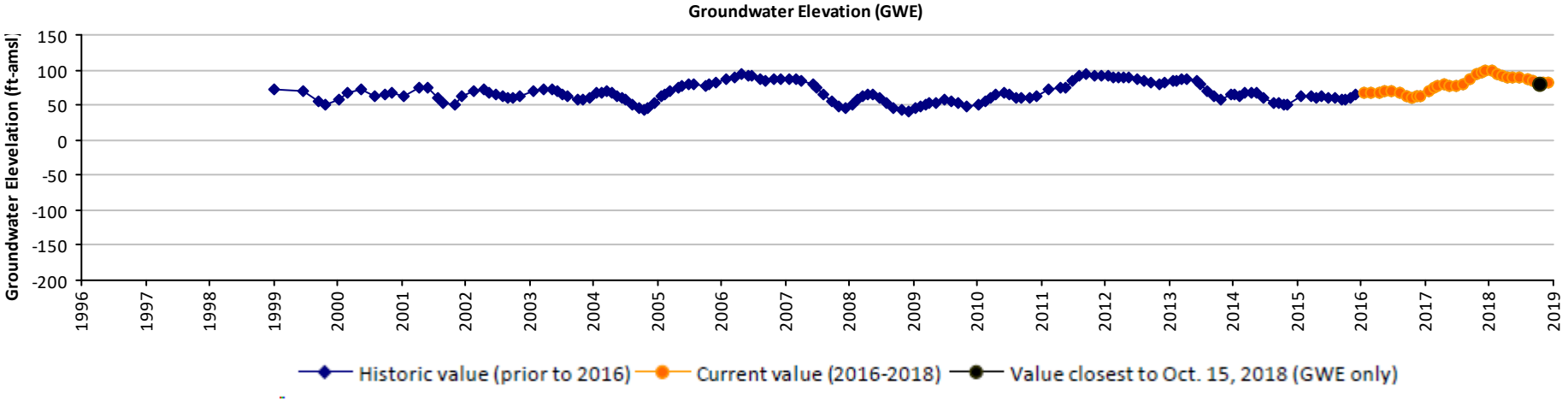

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

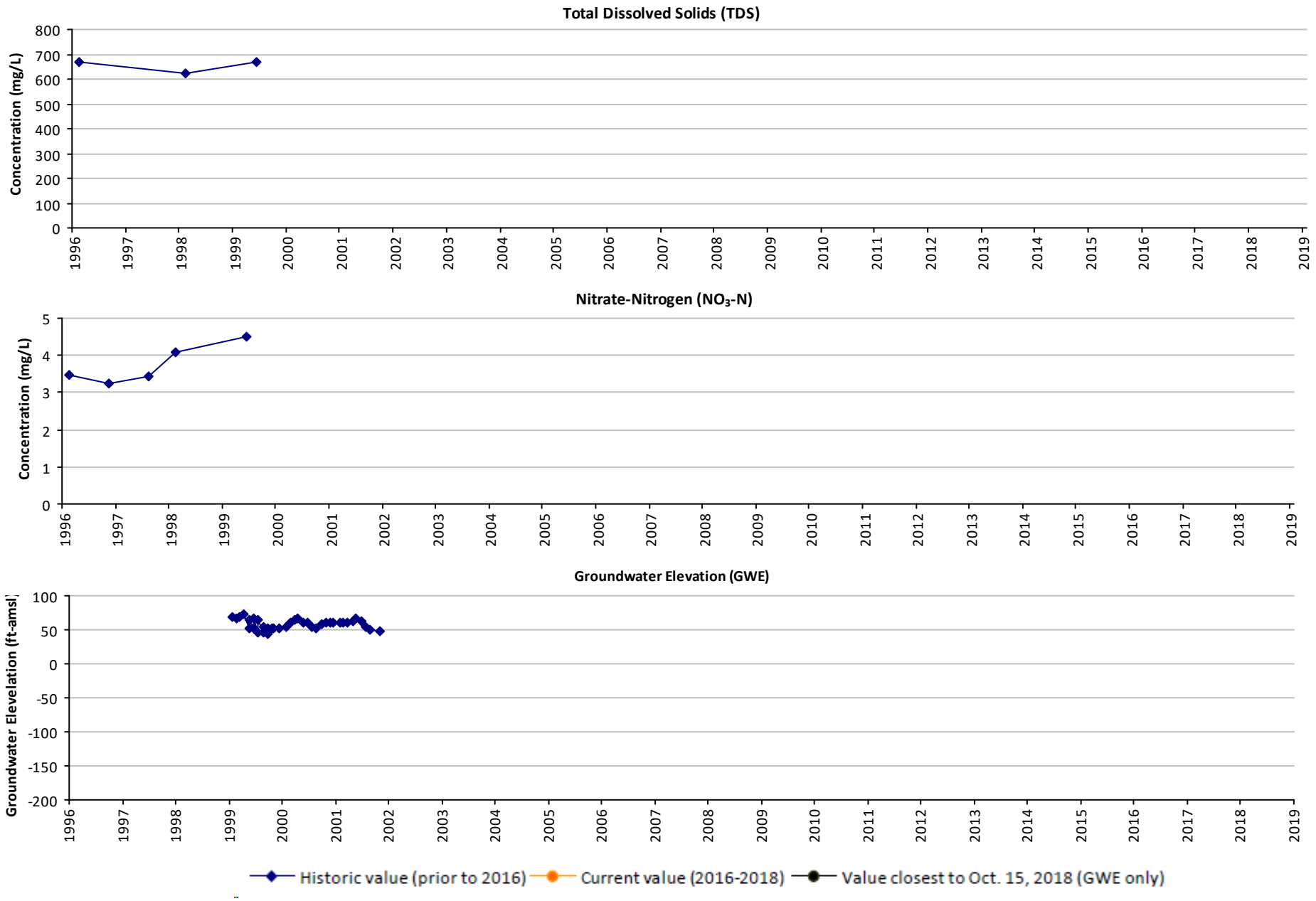

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

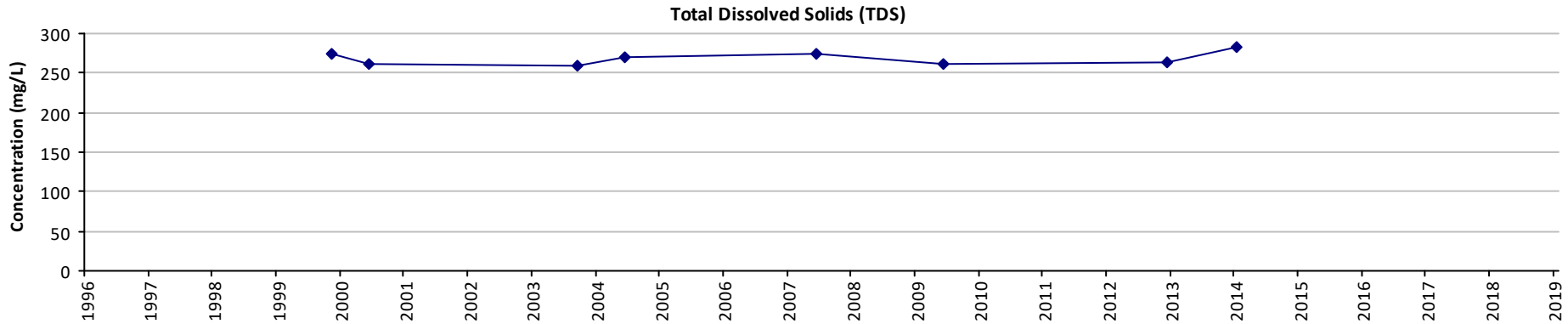

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

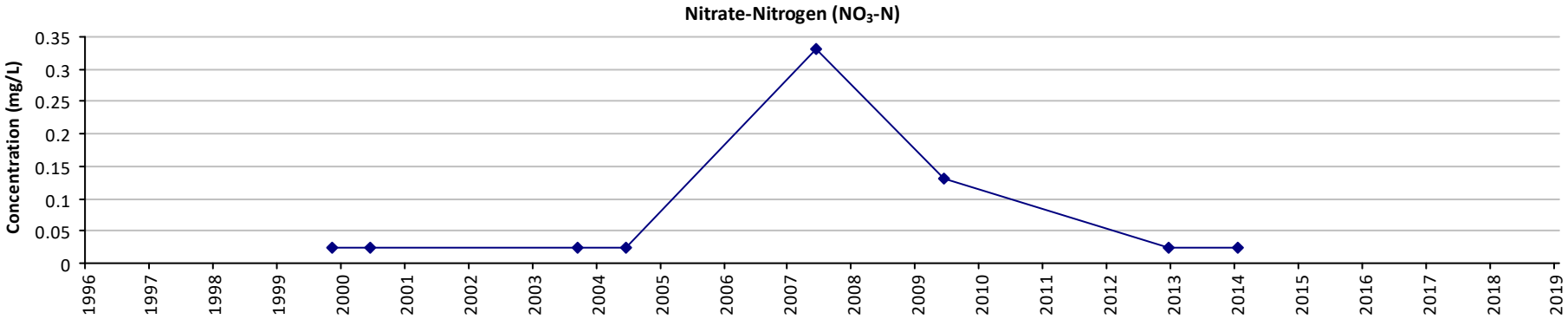

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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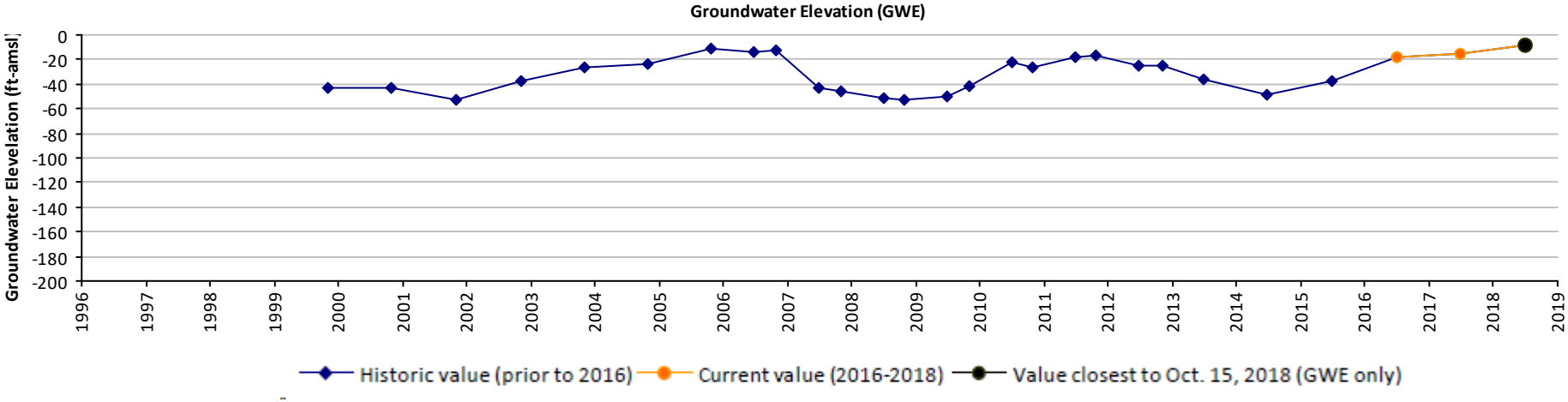
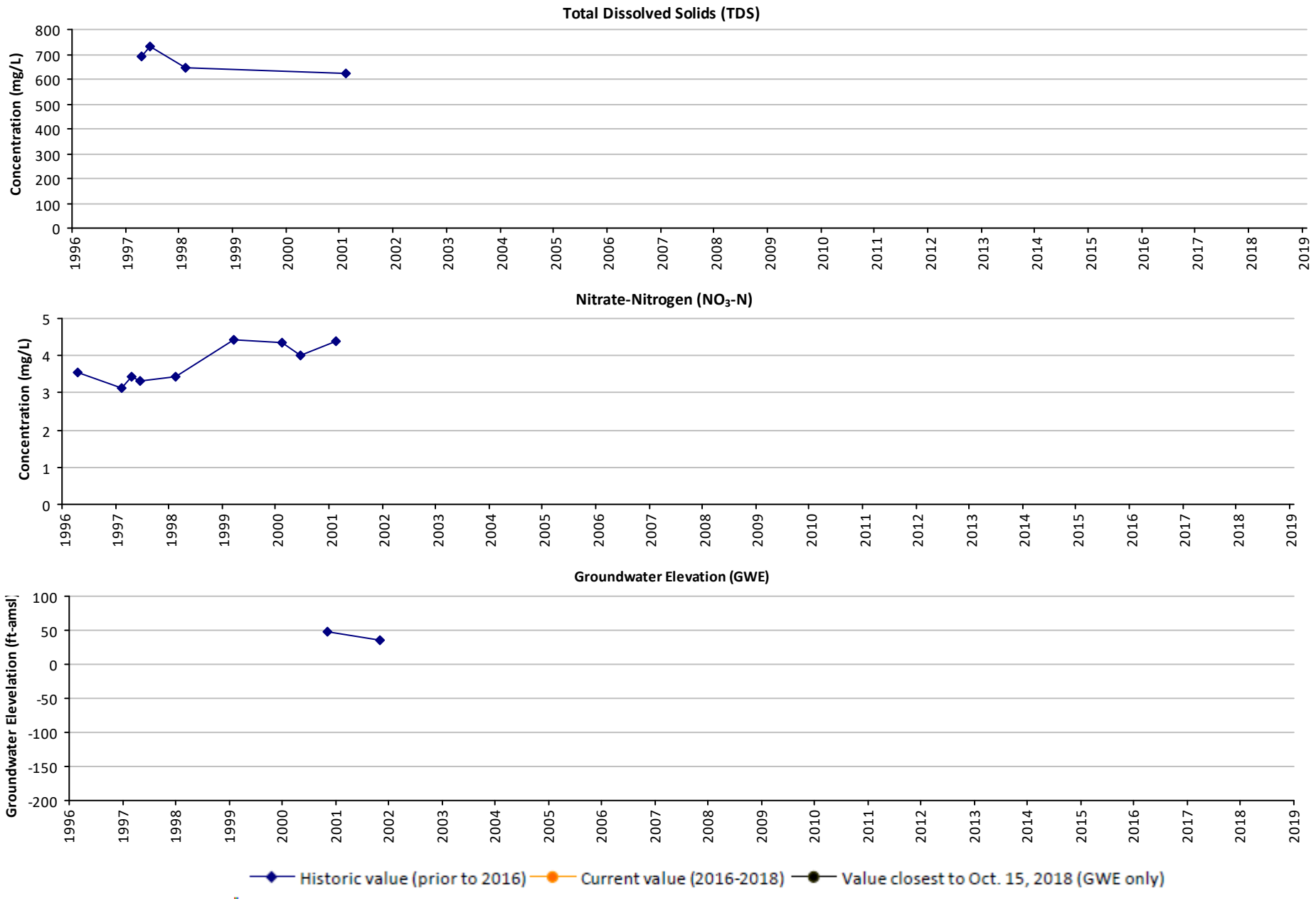
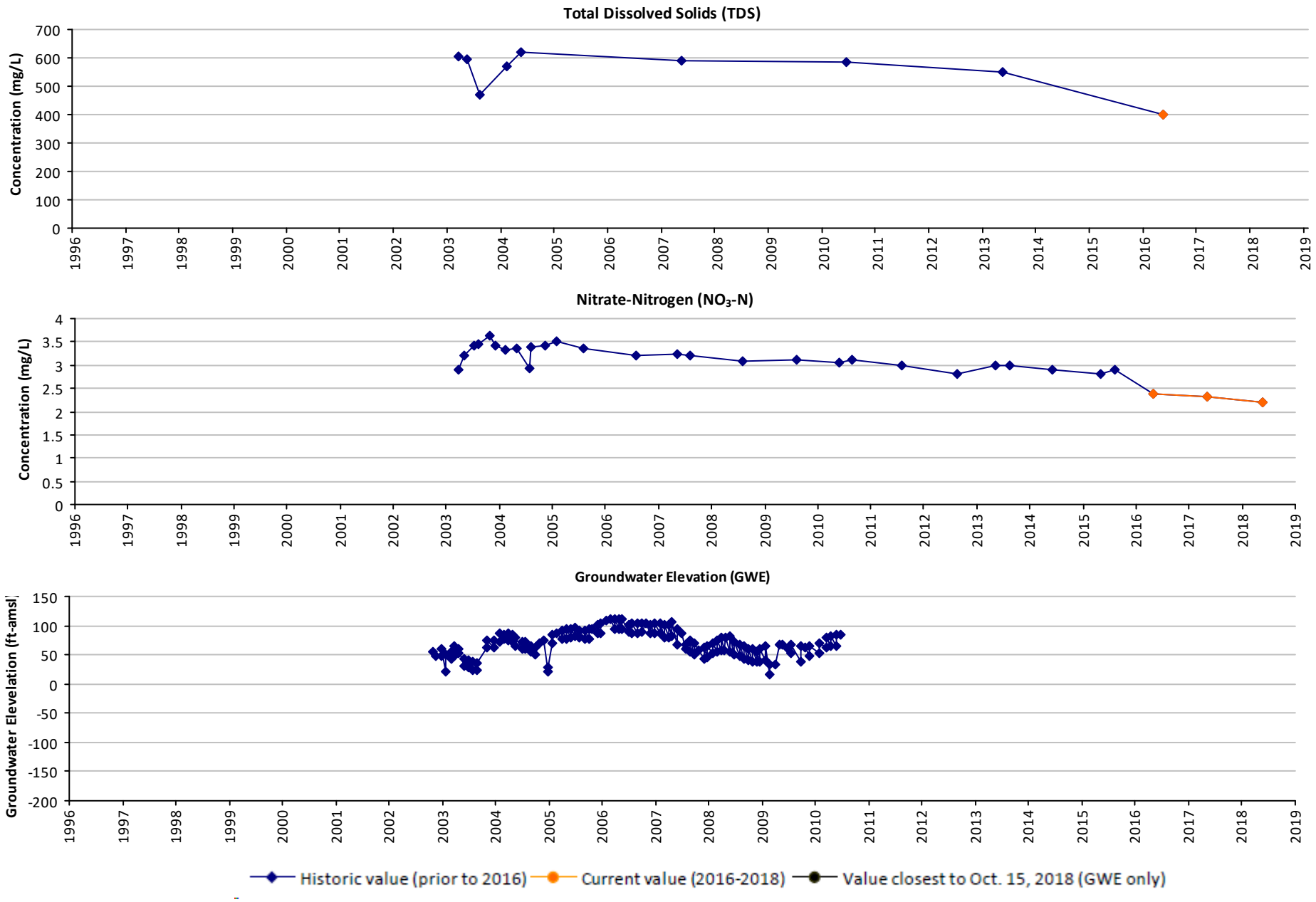
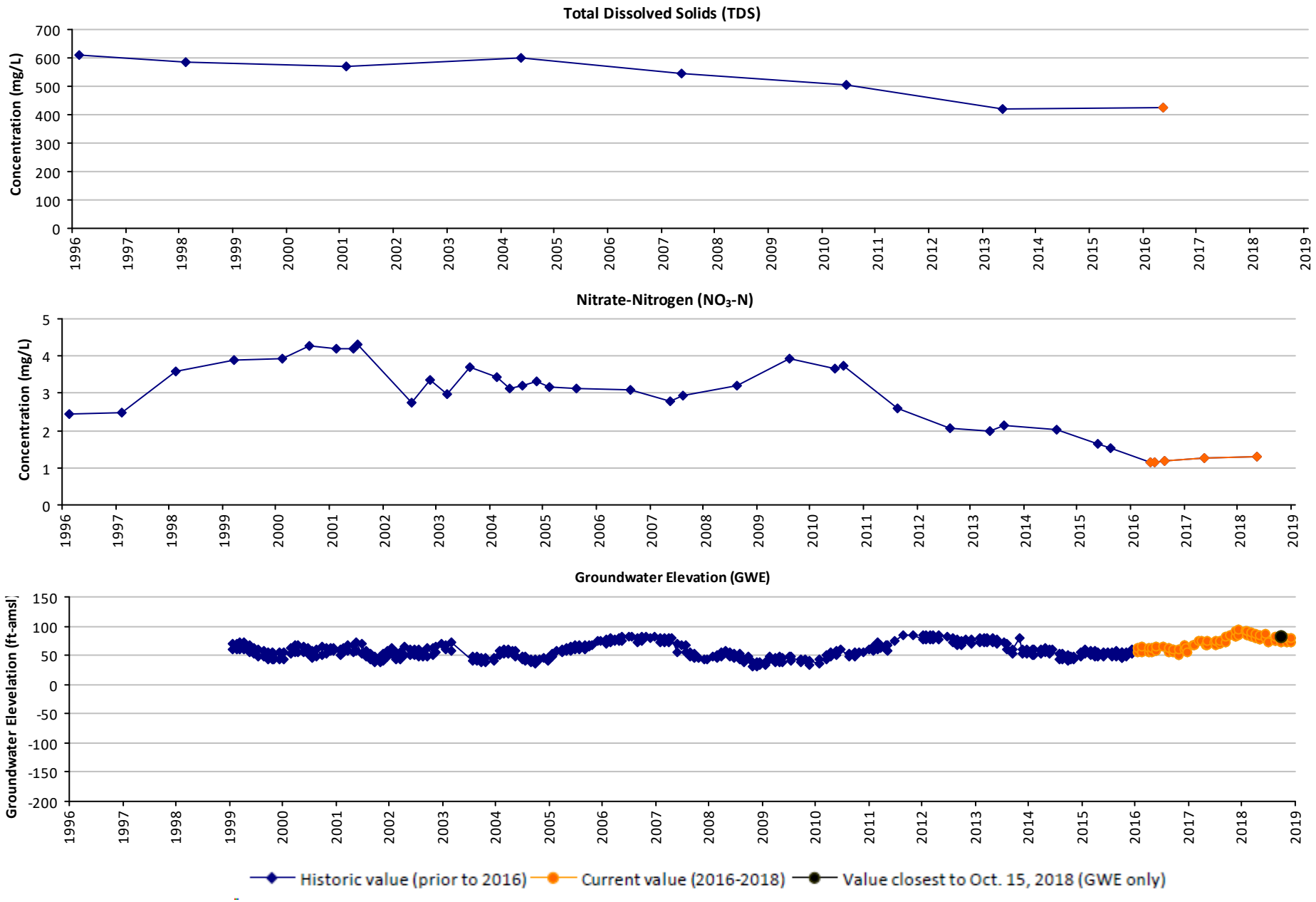
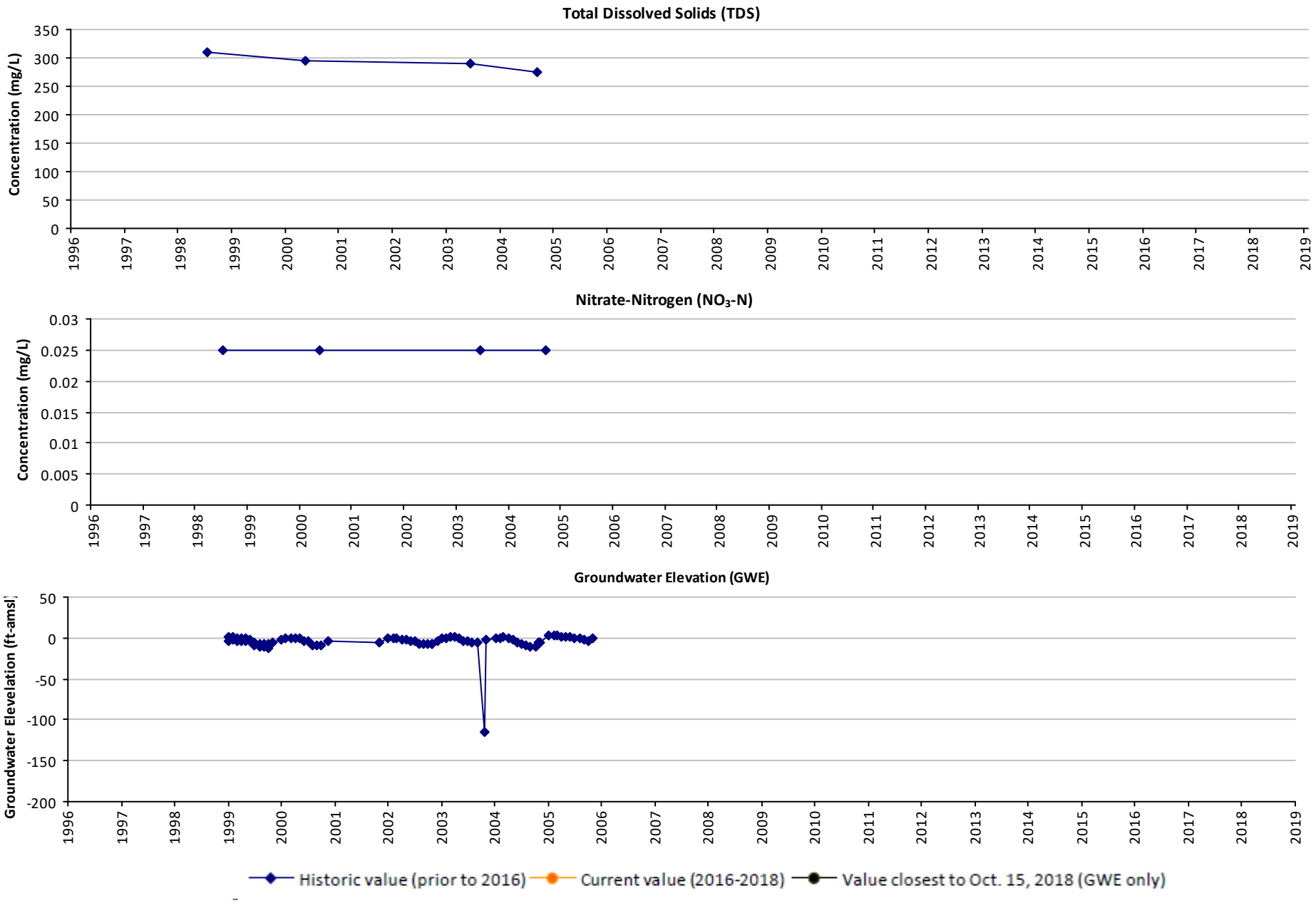
2016
2017
2018
2019

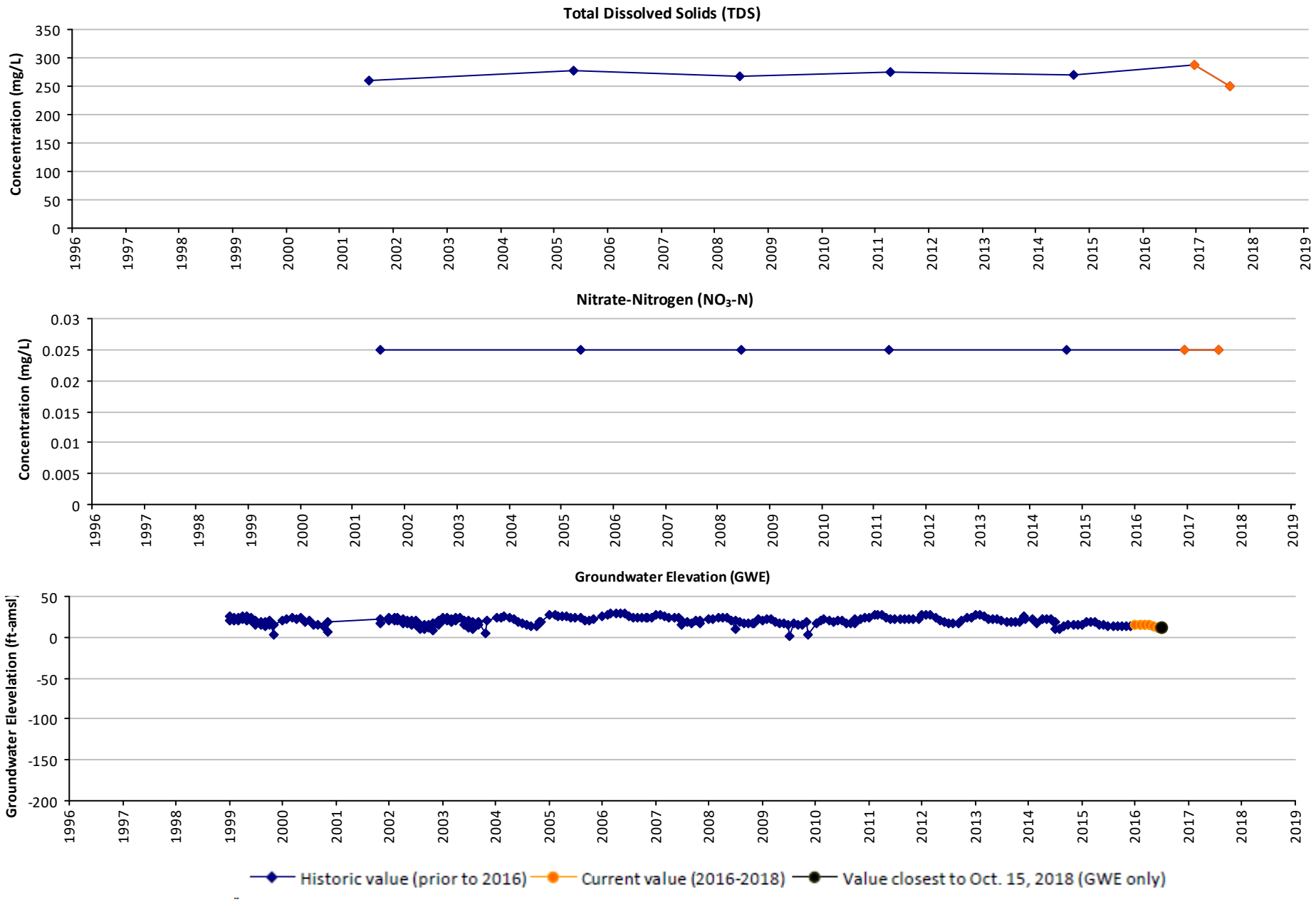

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

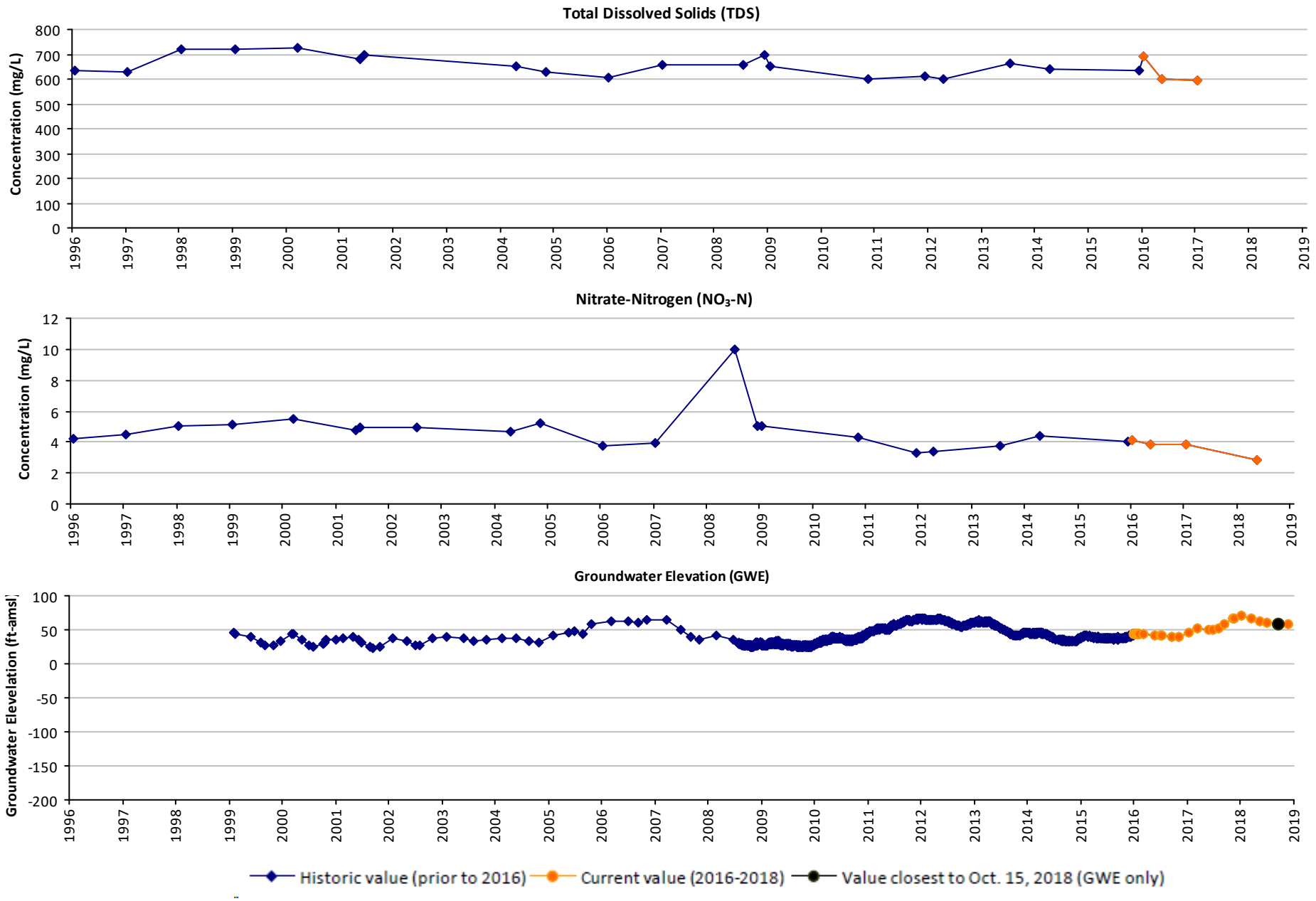

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

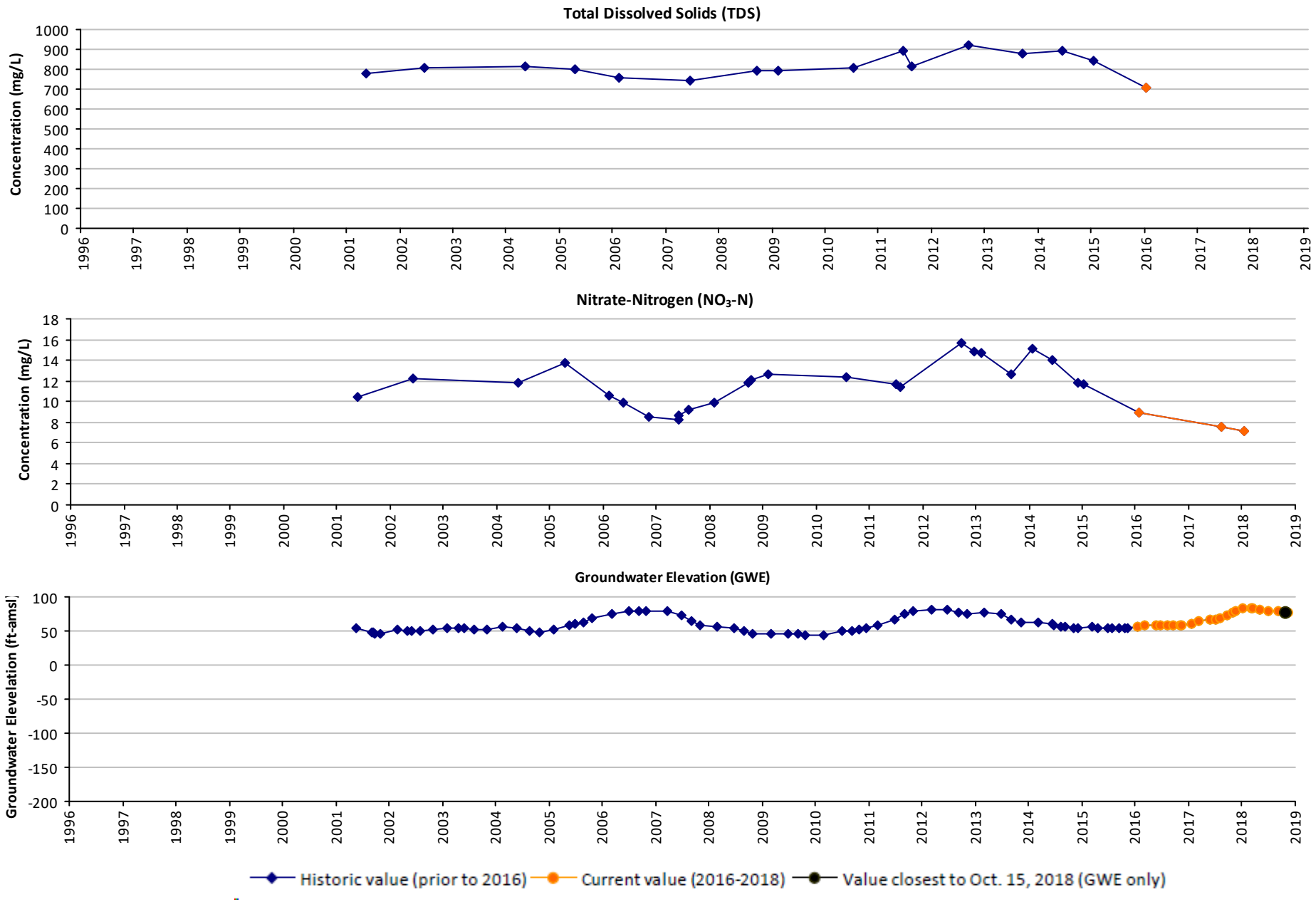

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

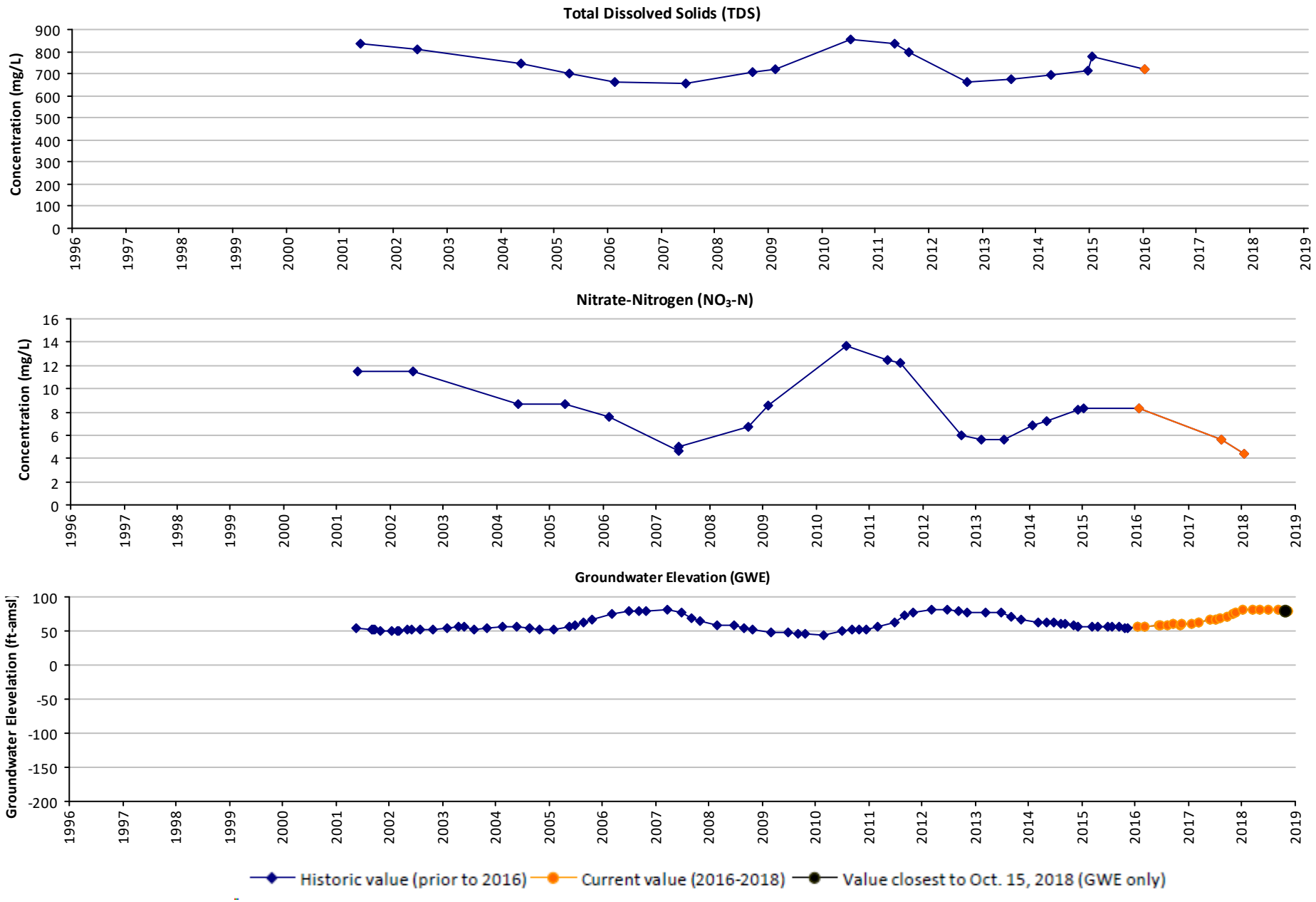

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

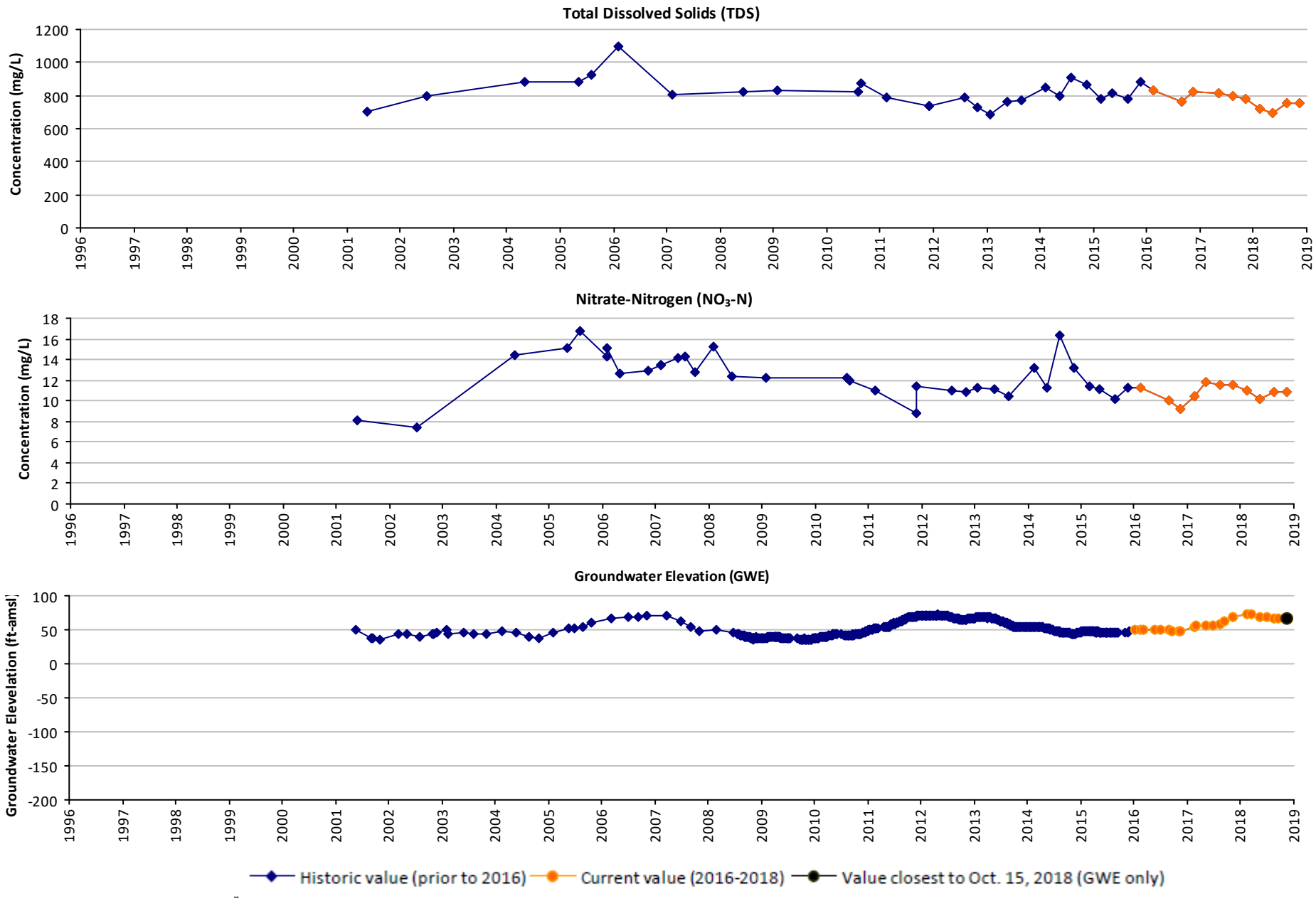

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

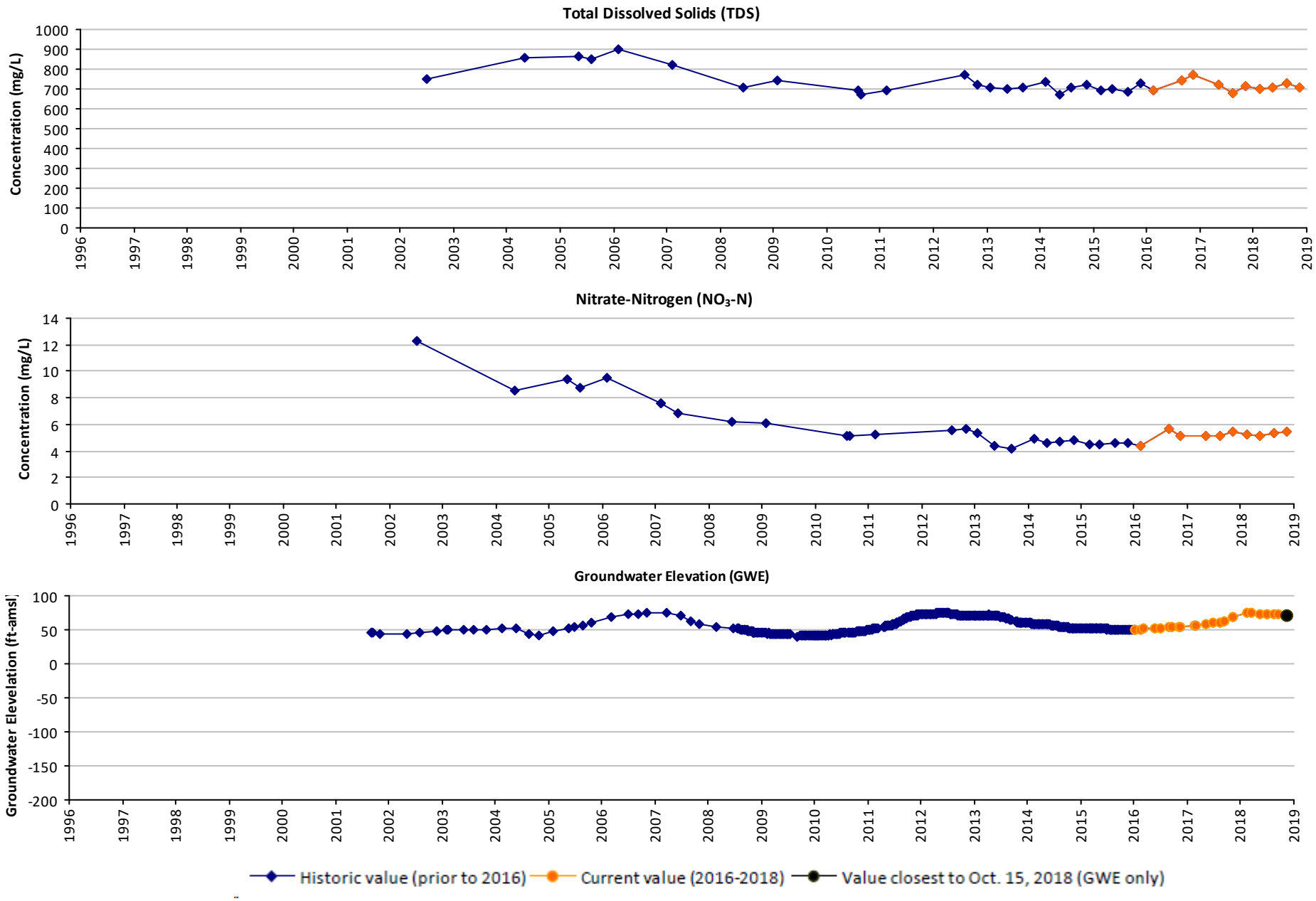

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

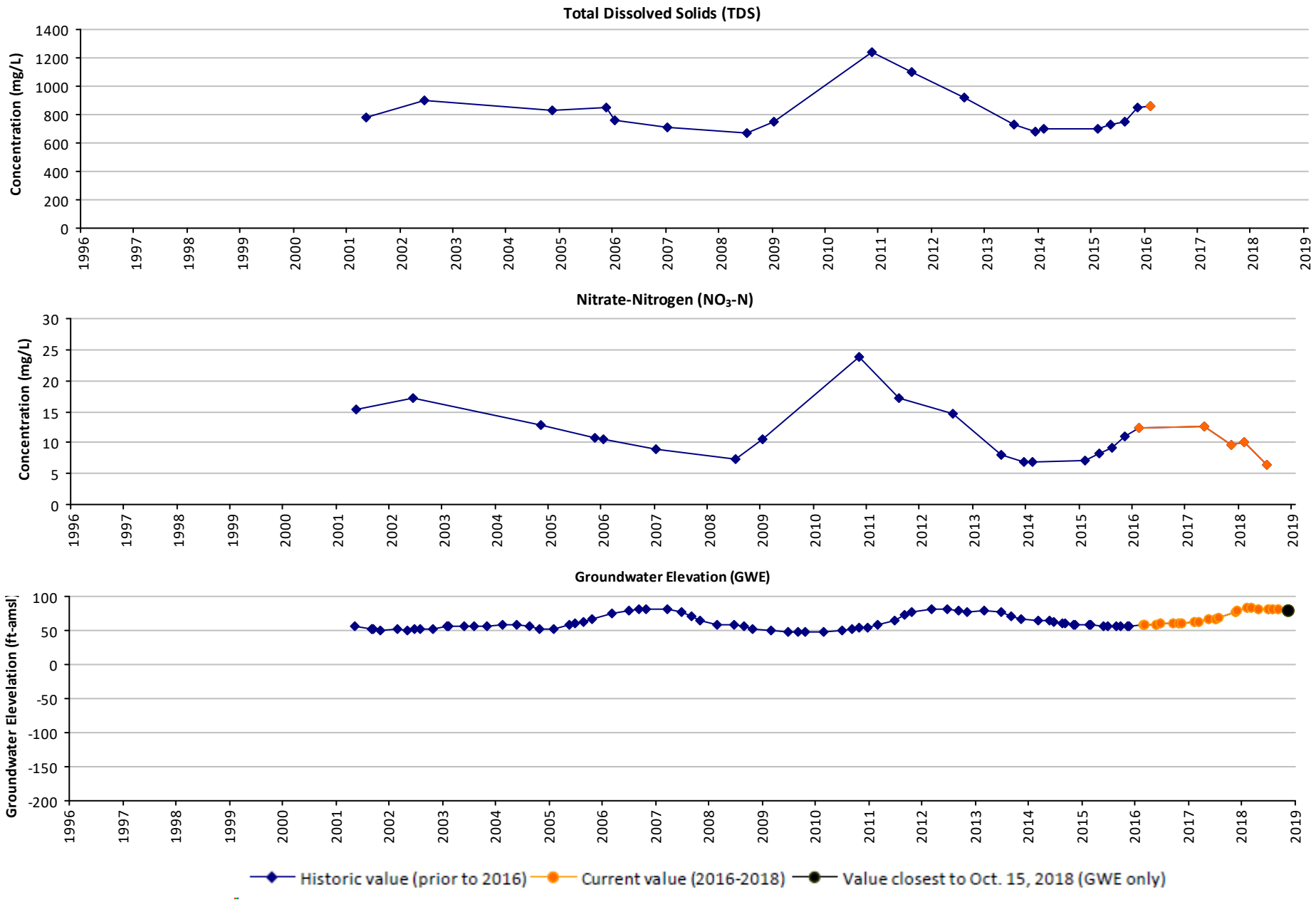

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

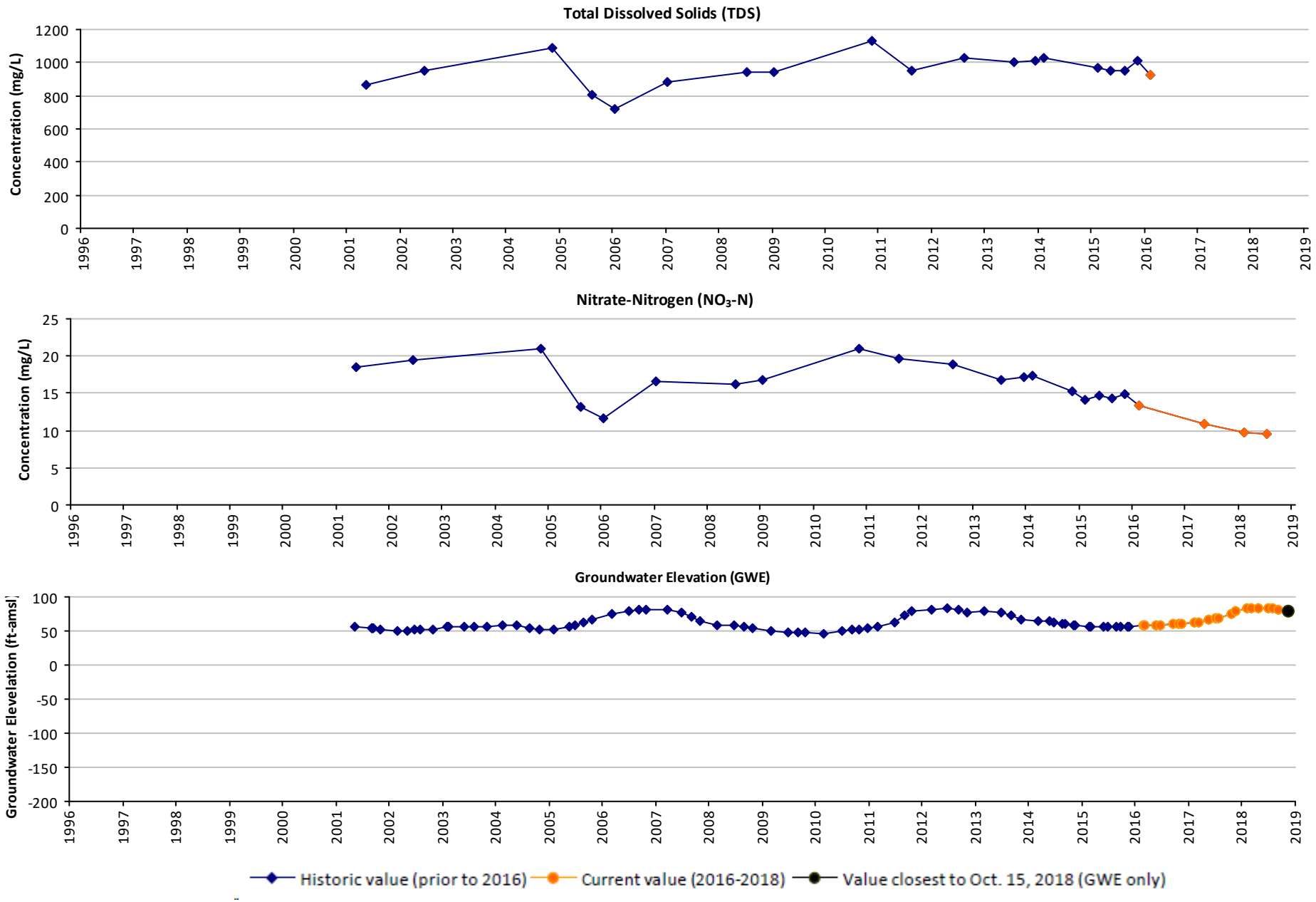

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

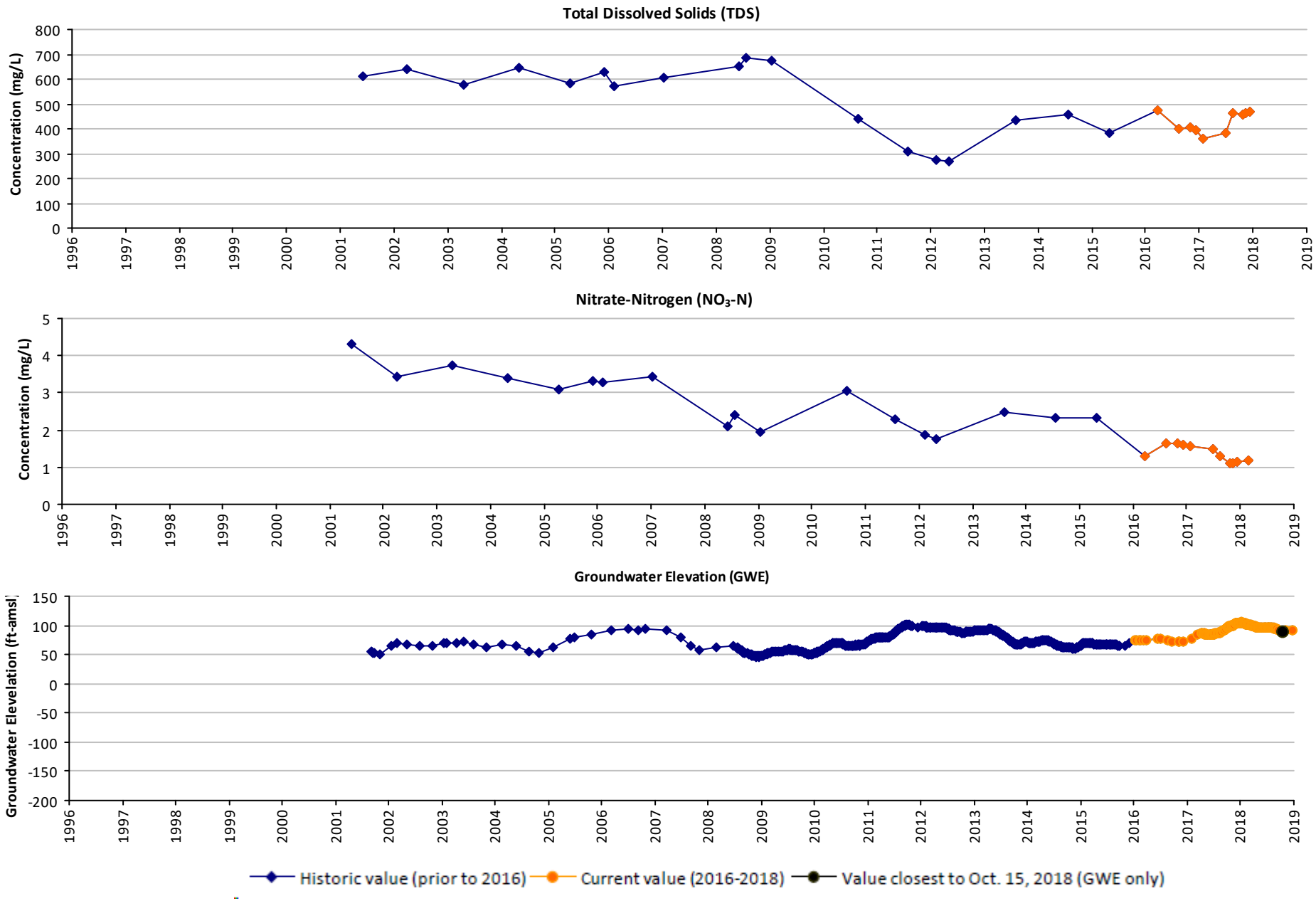

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

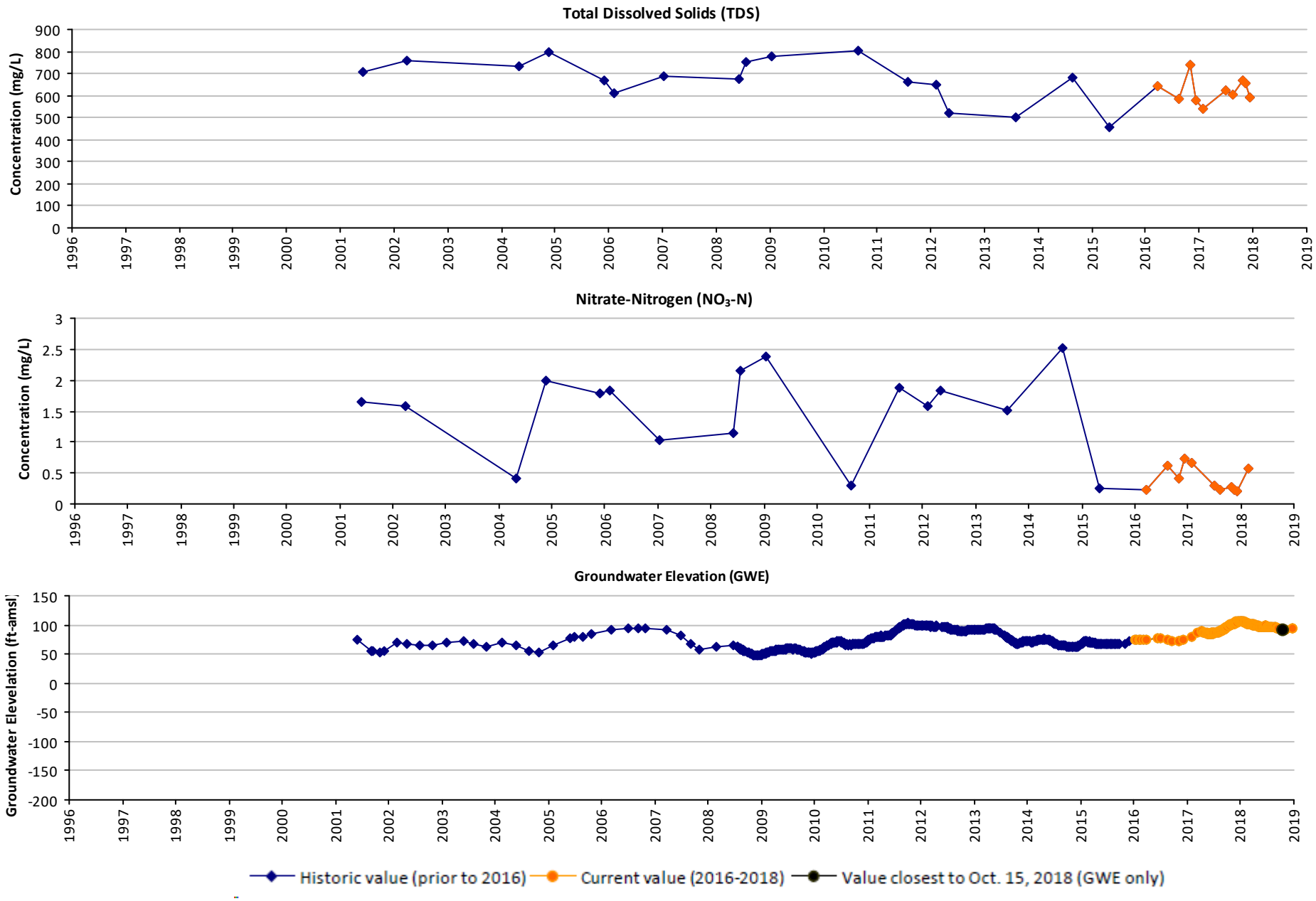

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

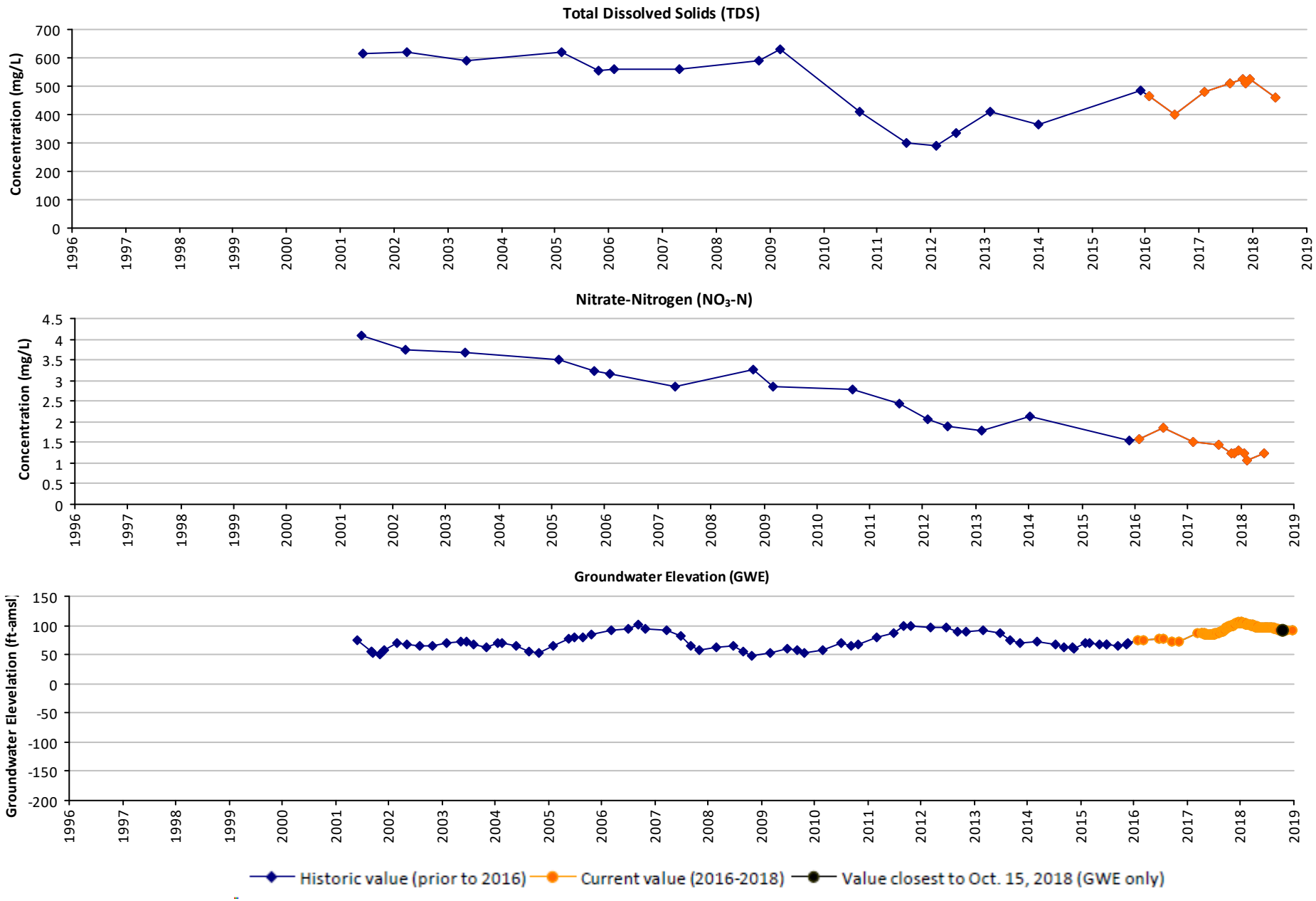

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

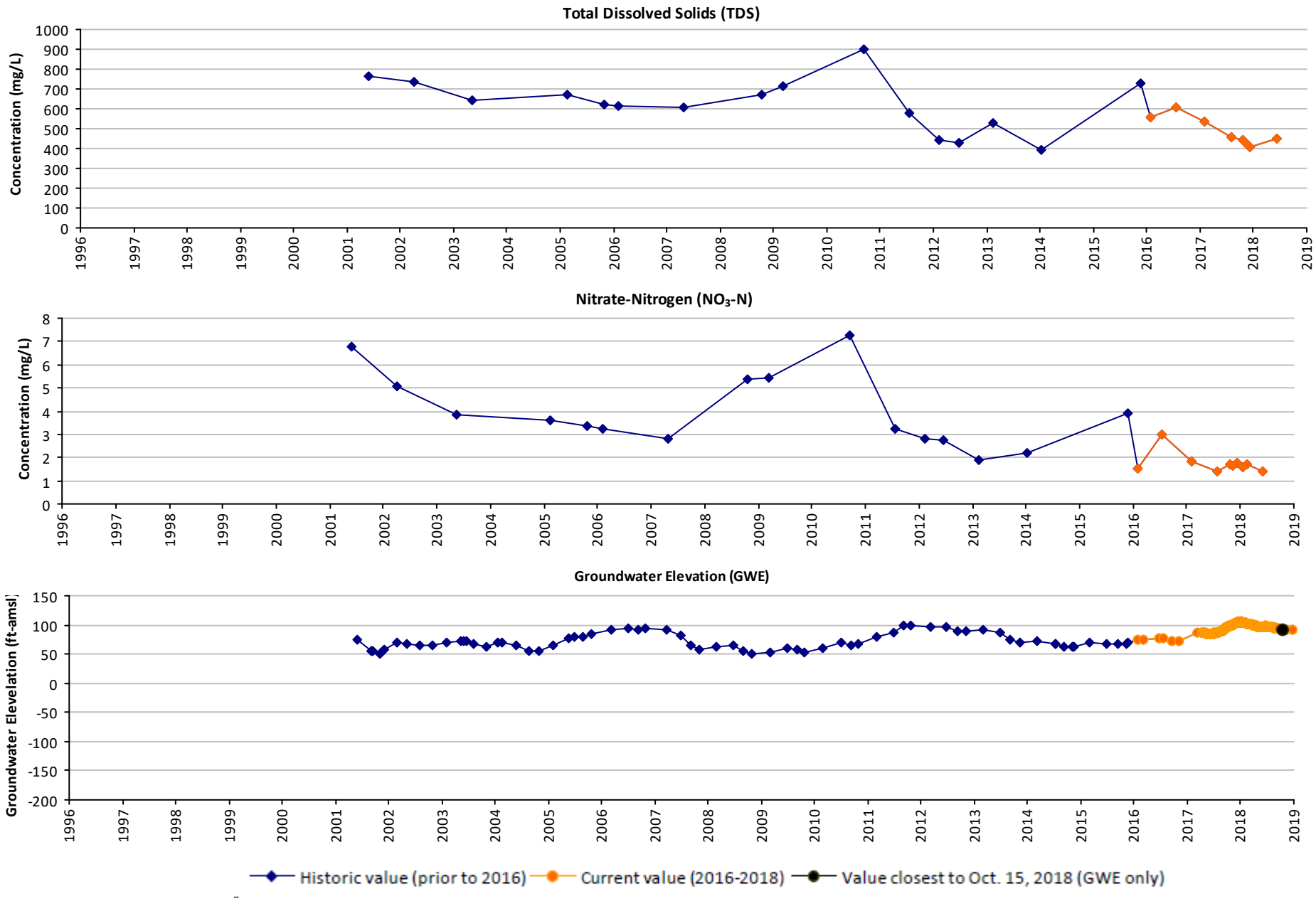

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

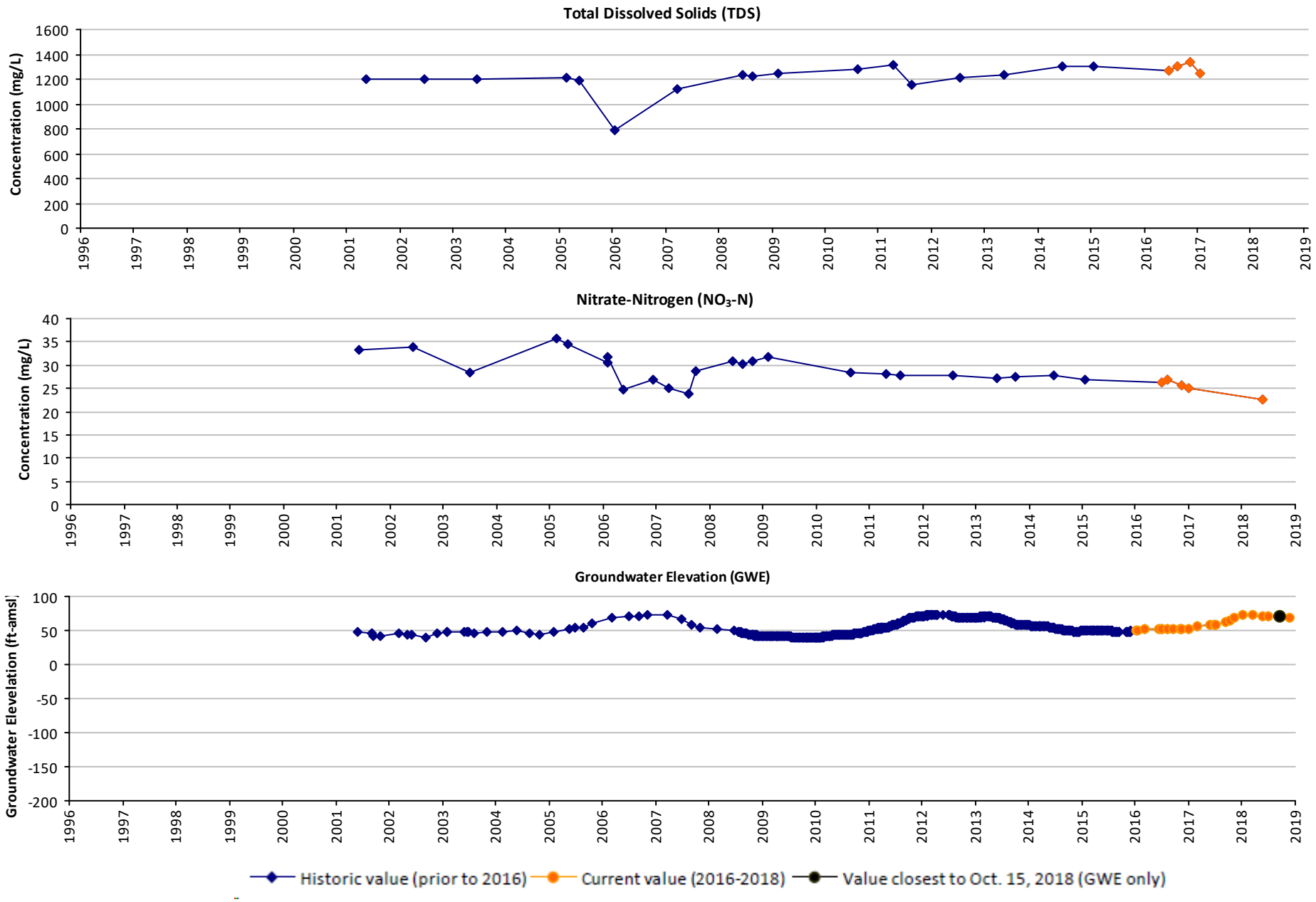

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

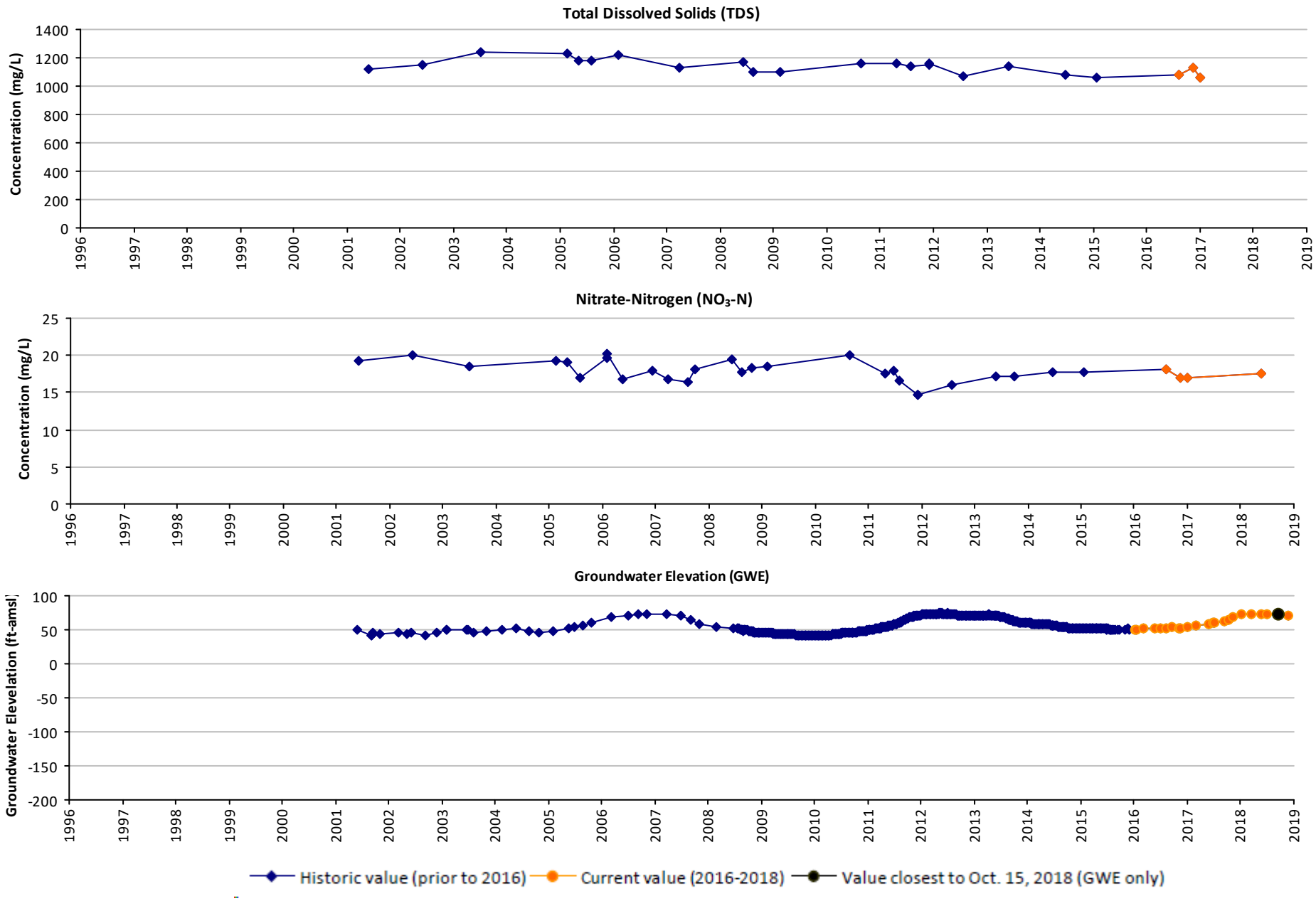

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

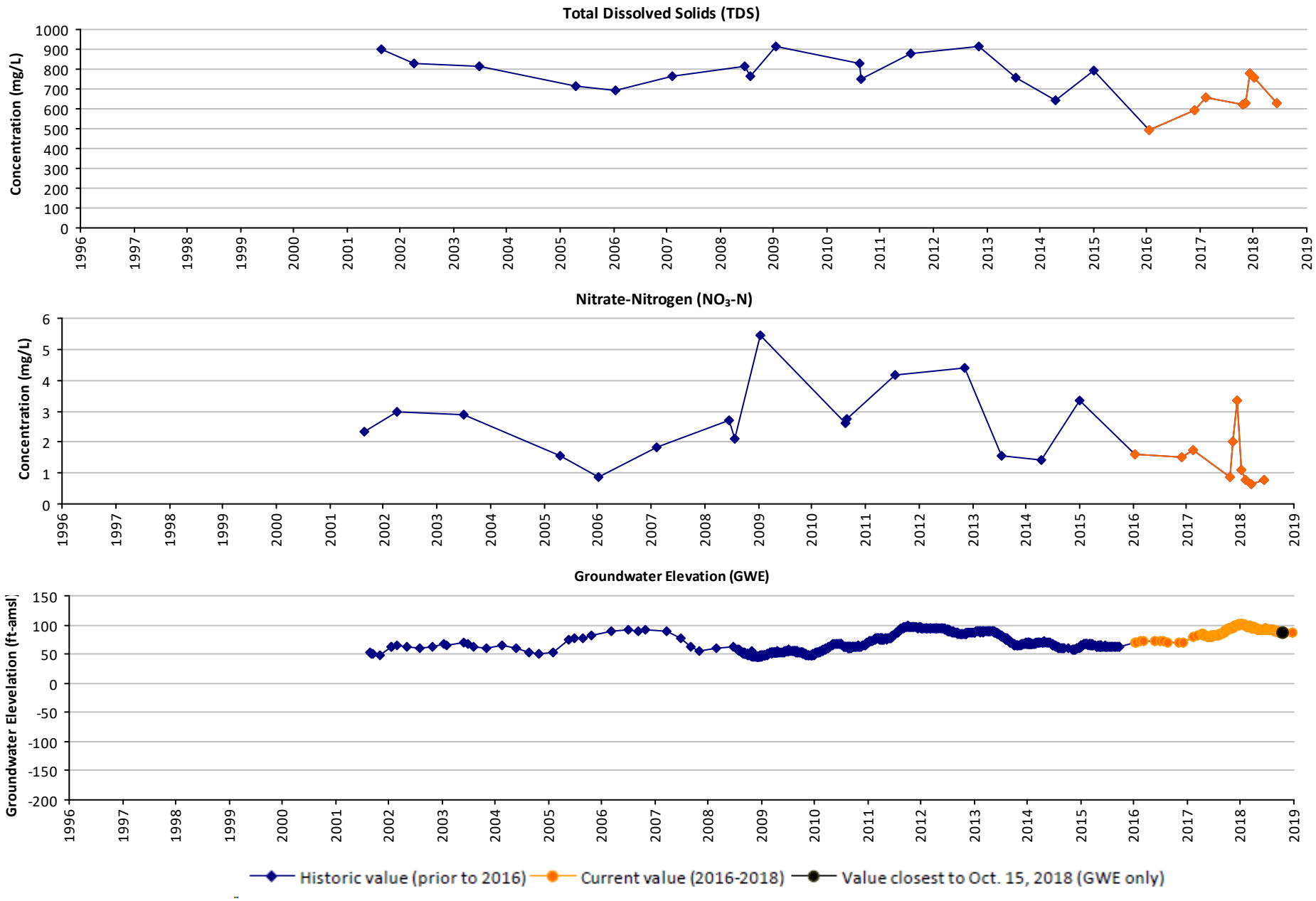

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

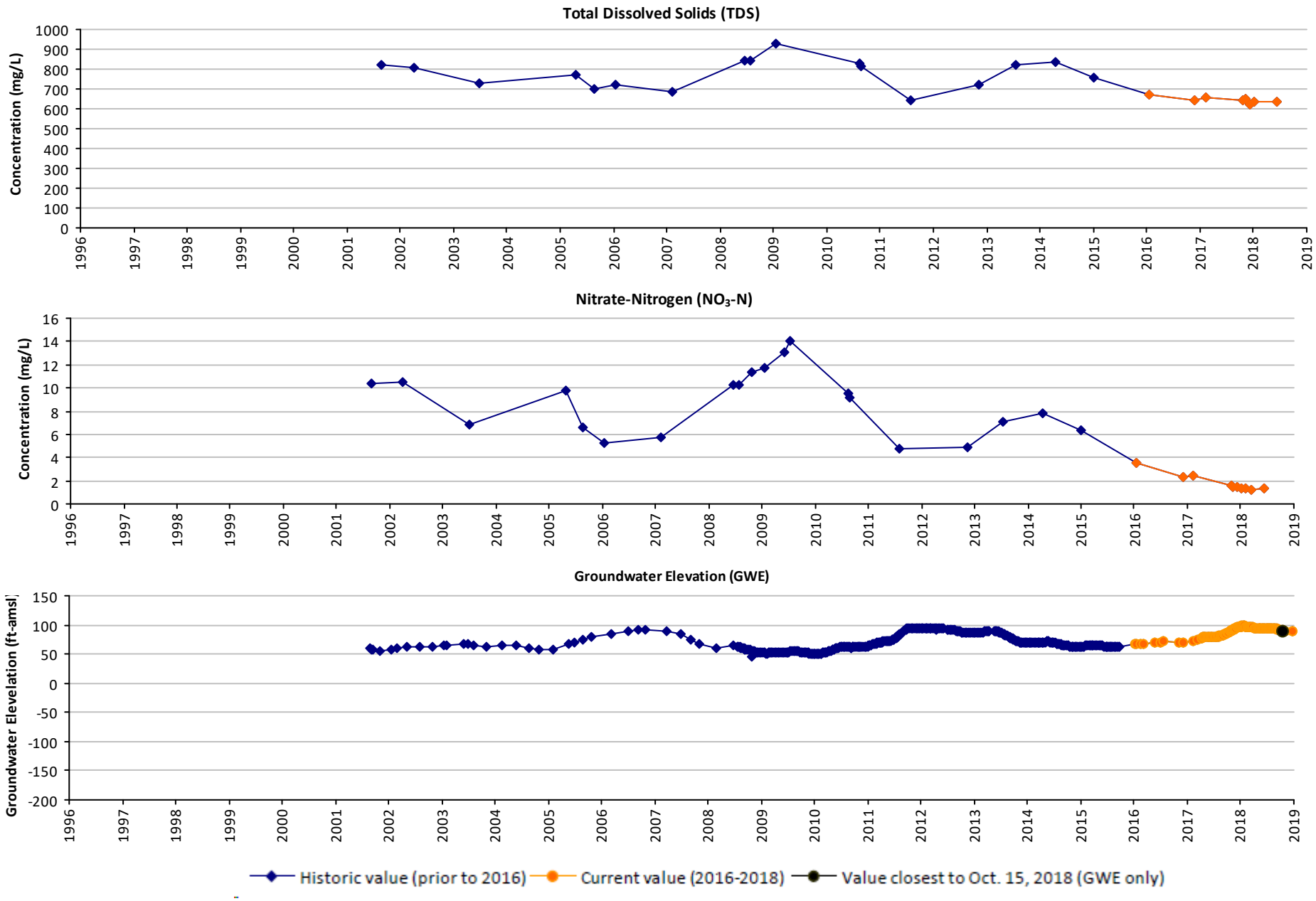

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

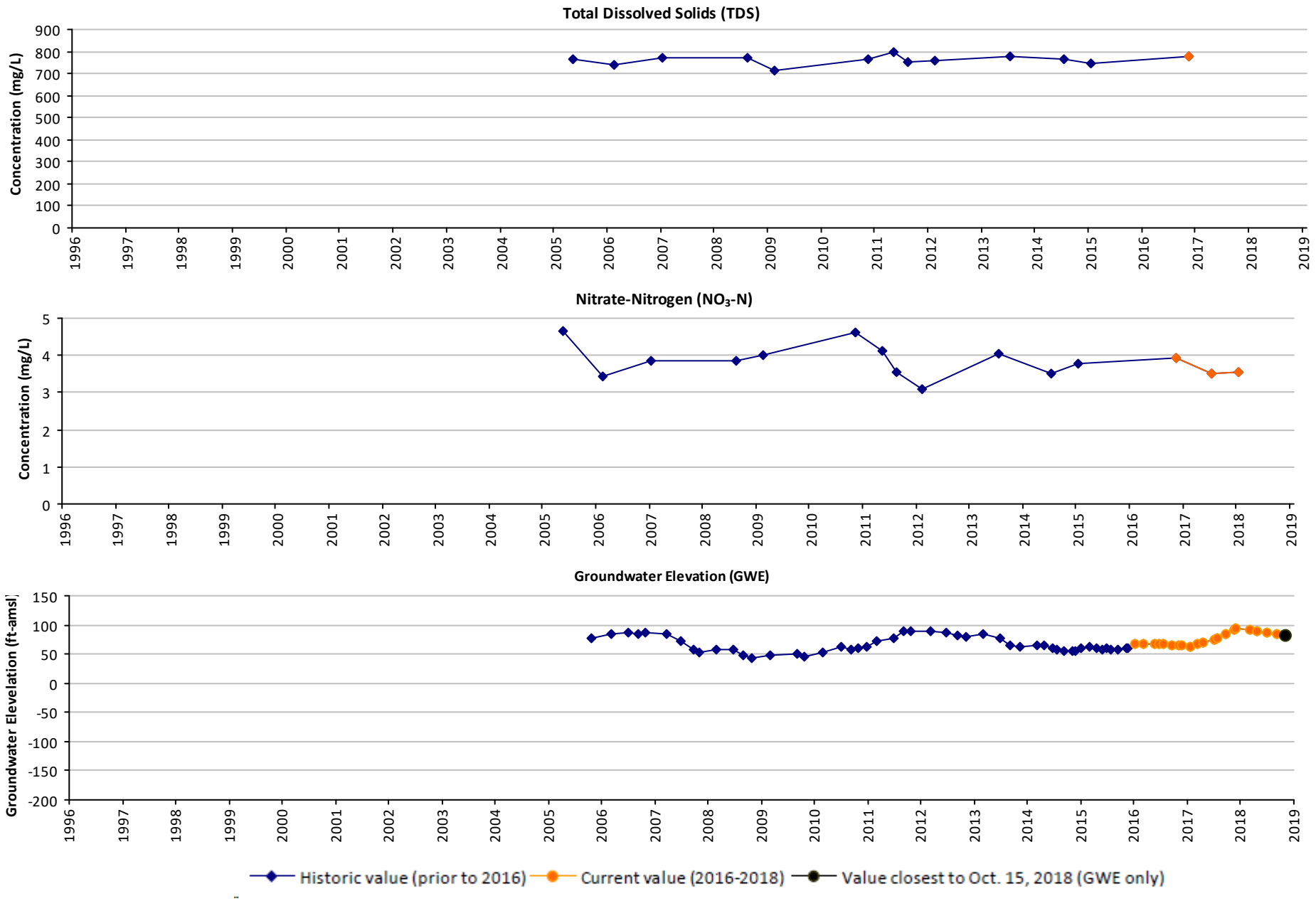

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

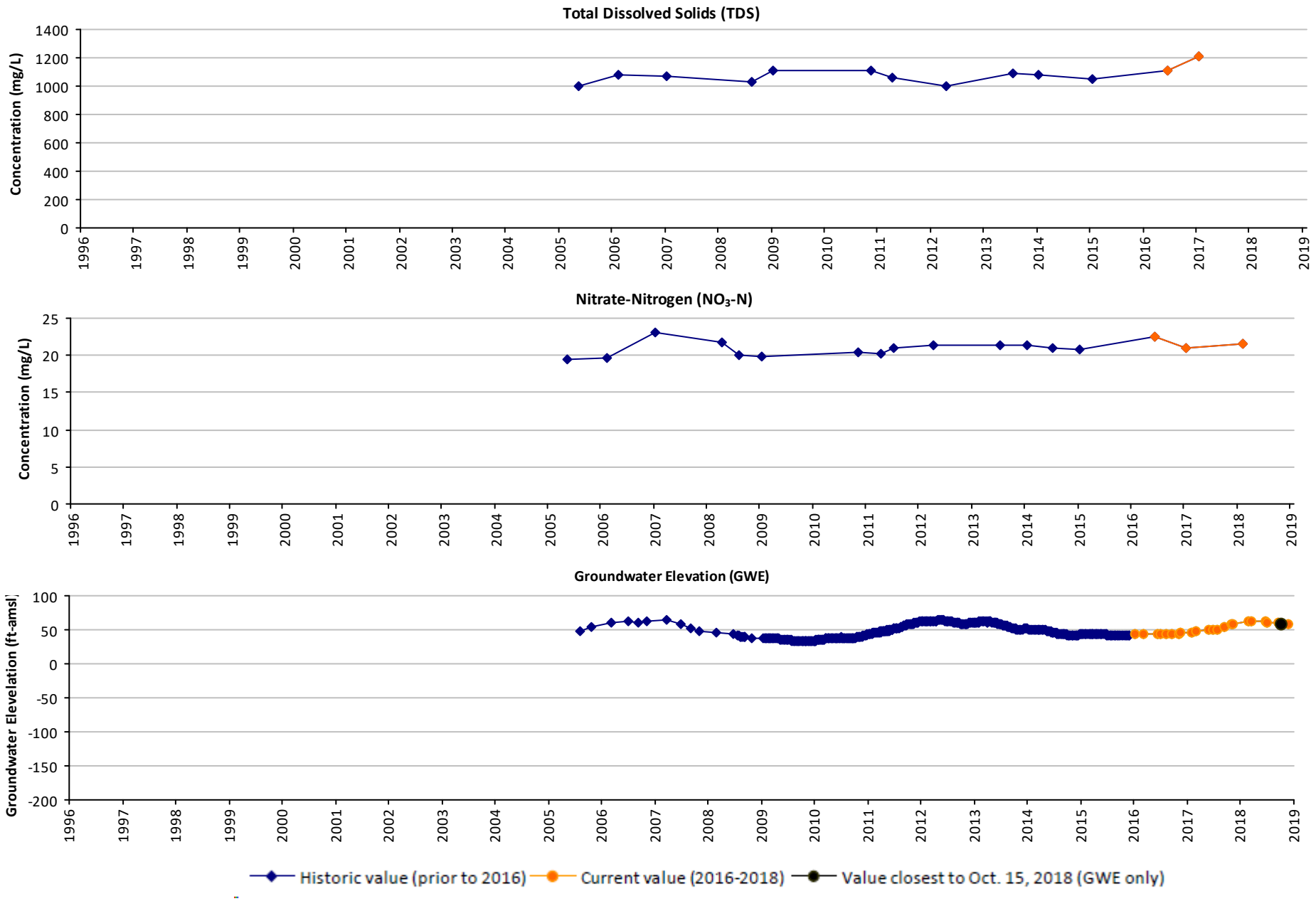

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

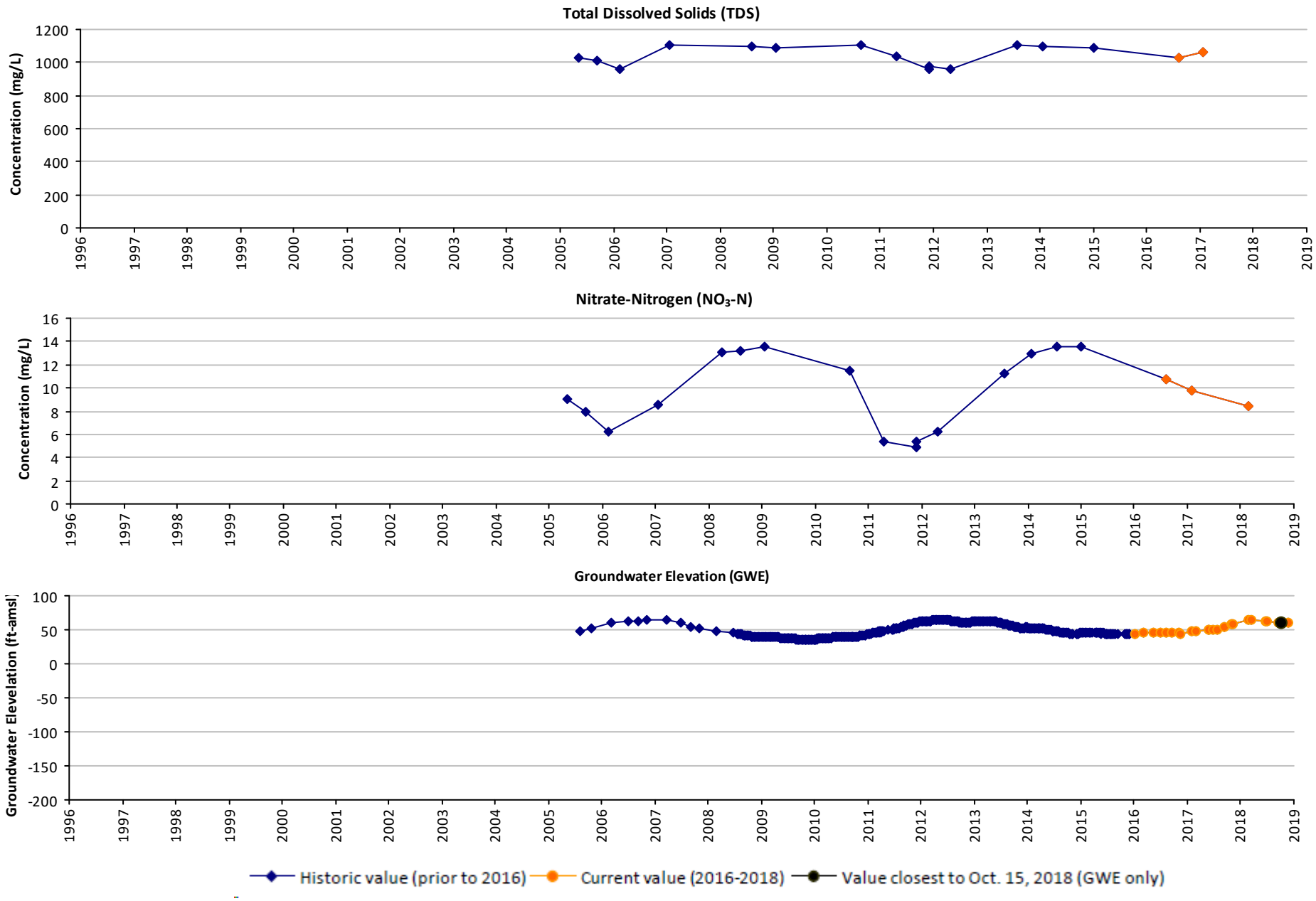

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

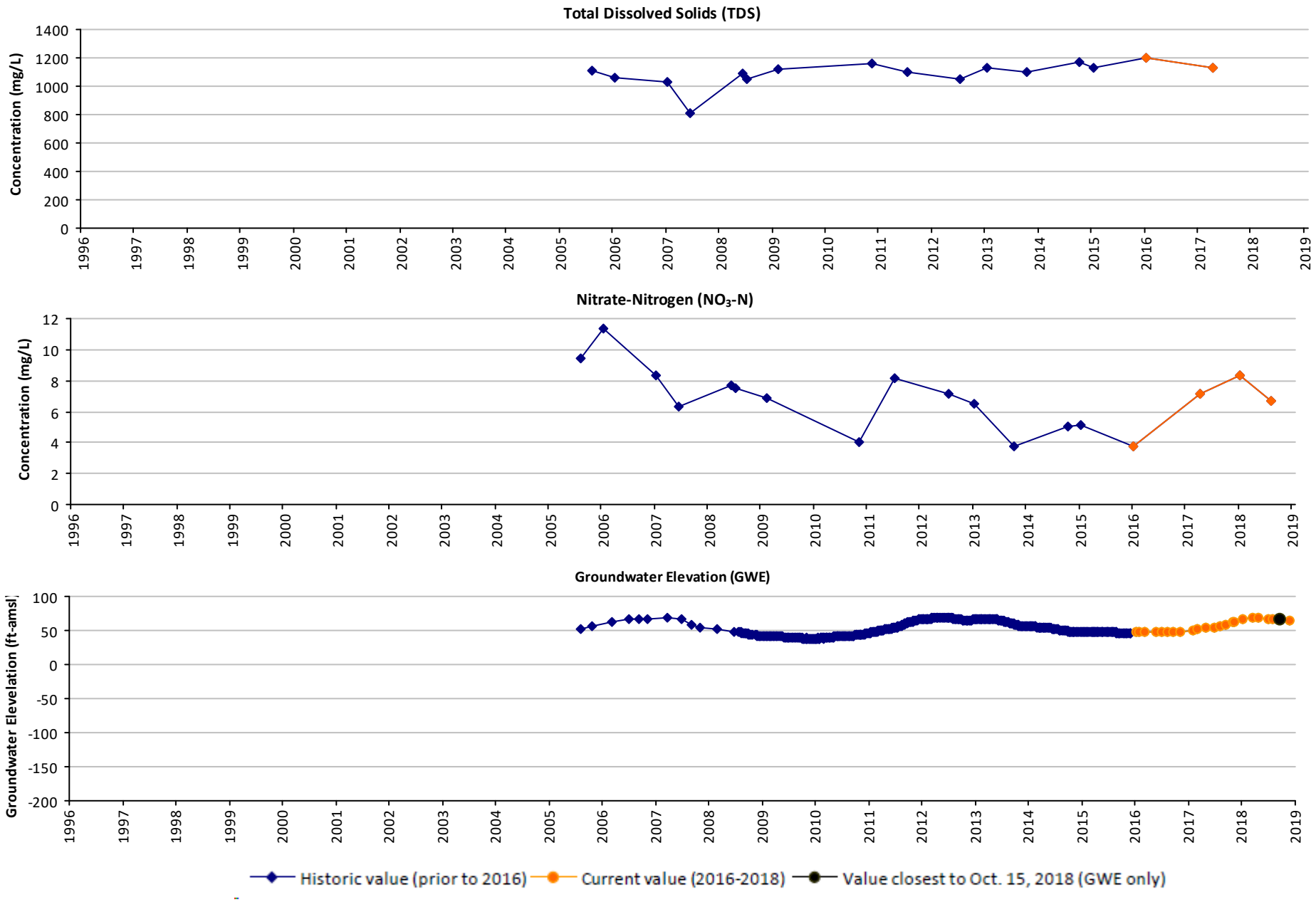

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

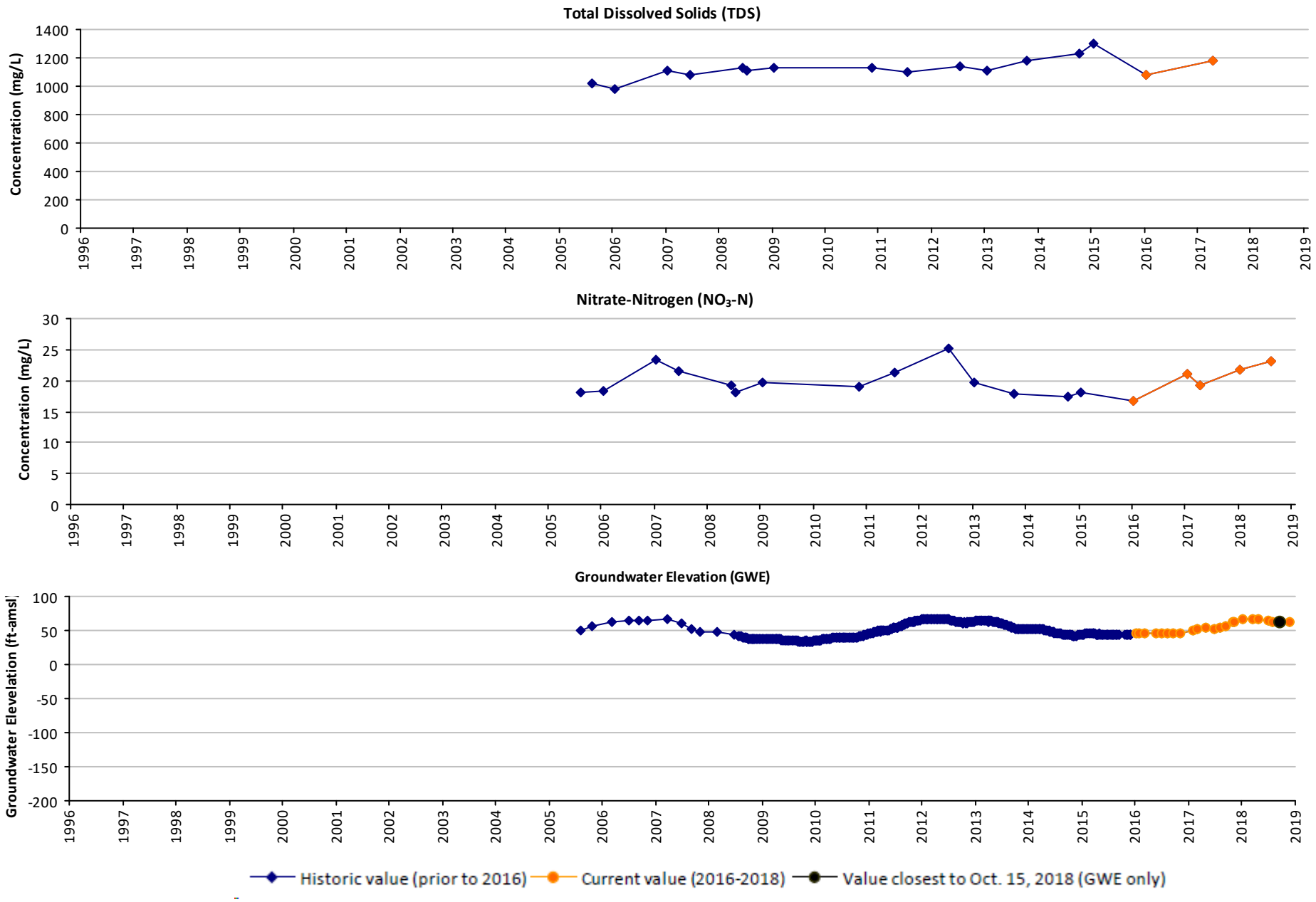

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

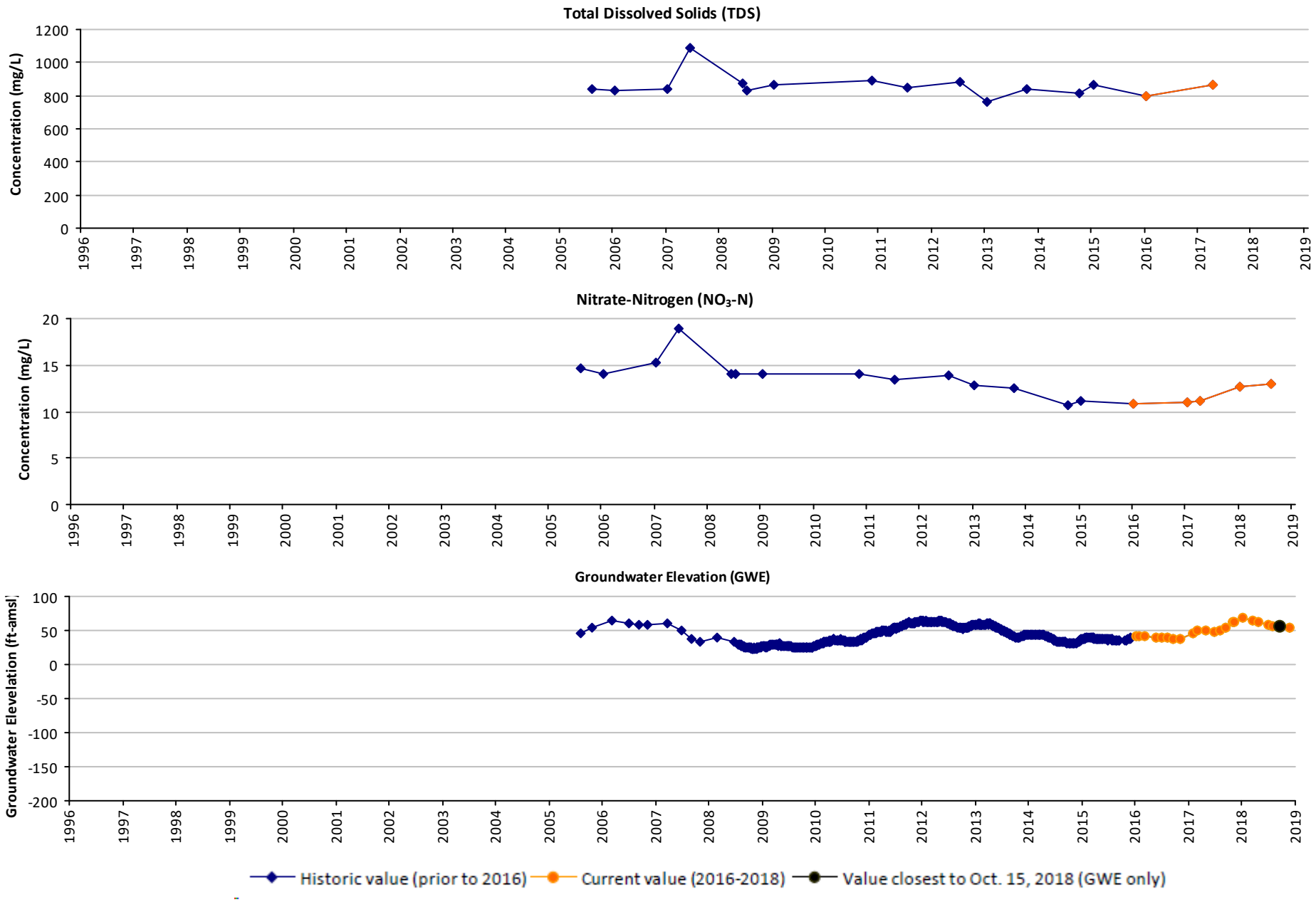

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

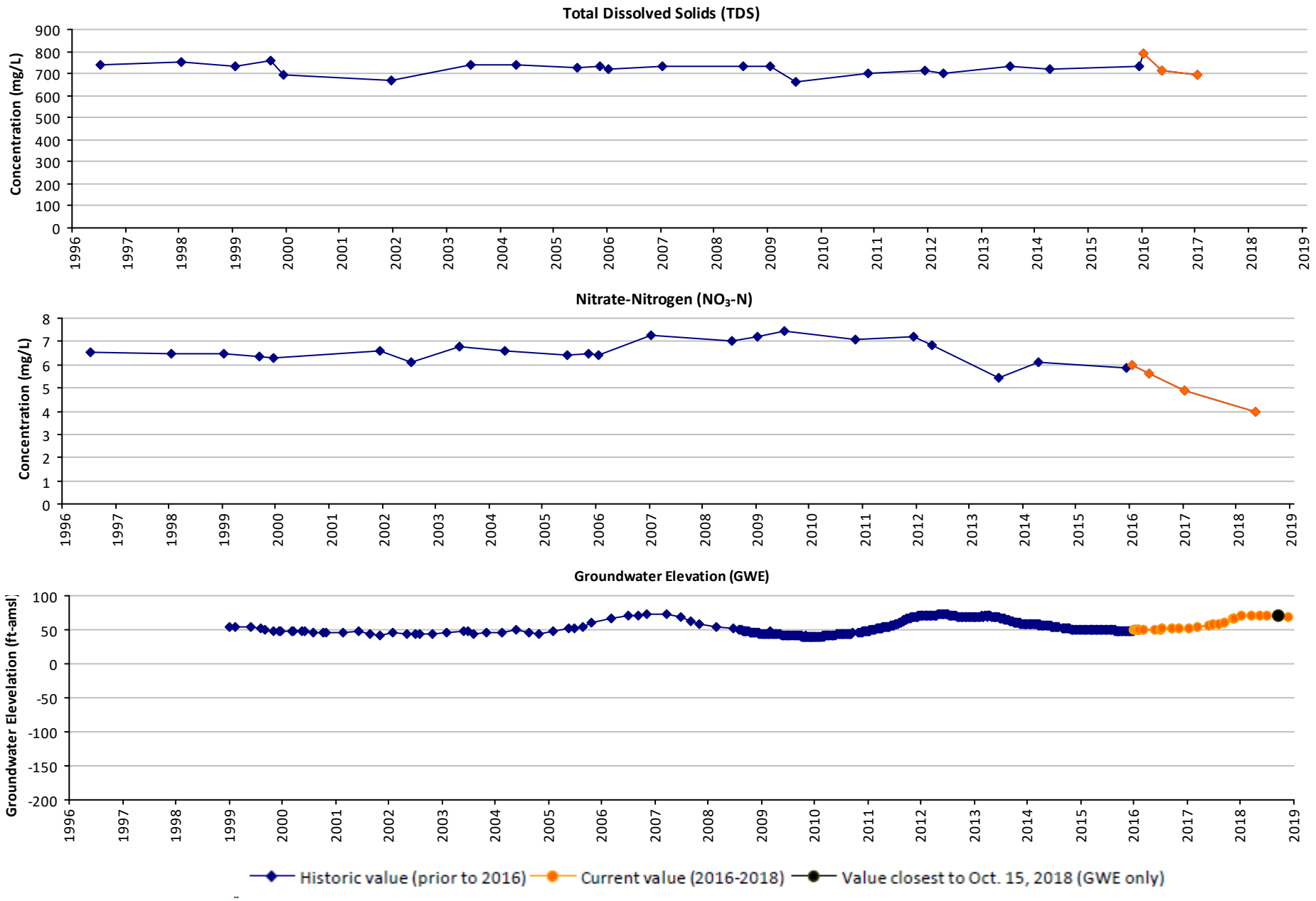

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

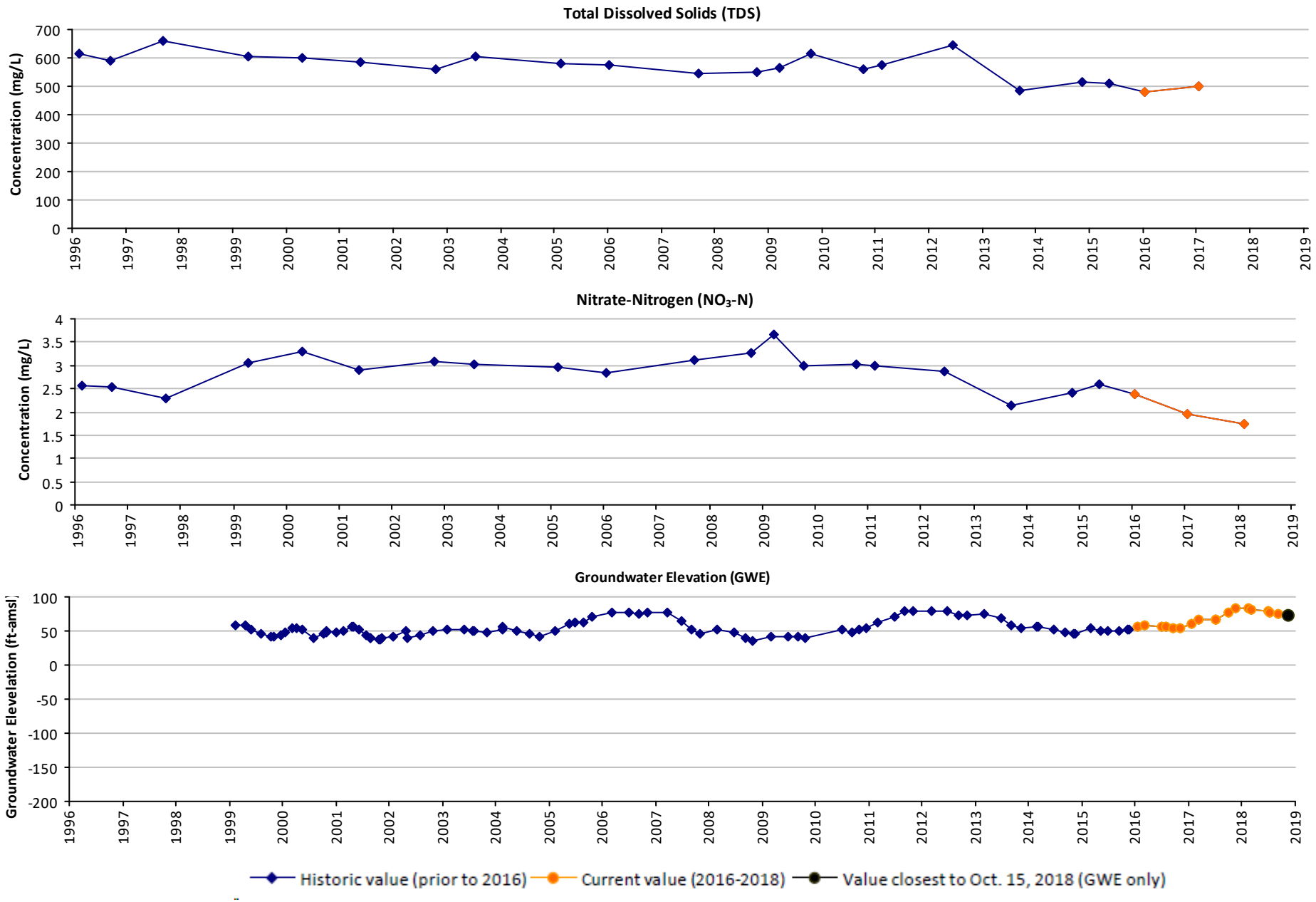

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

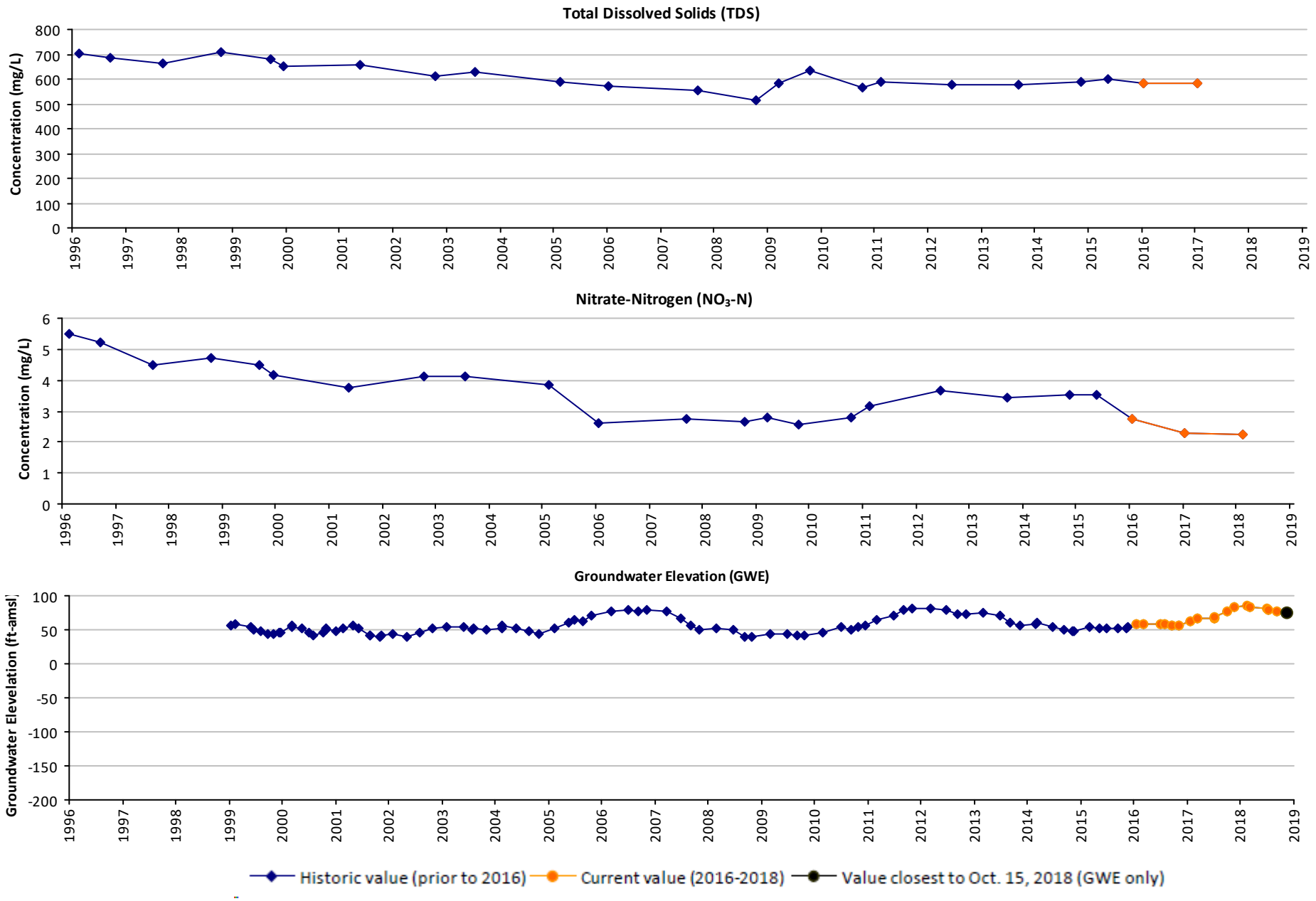

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

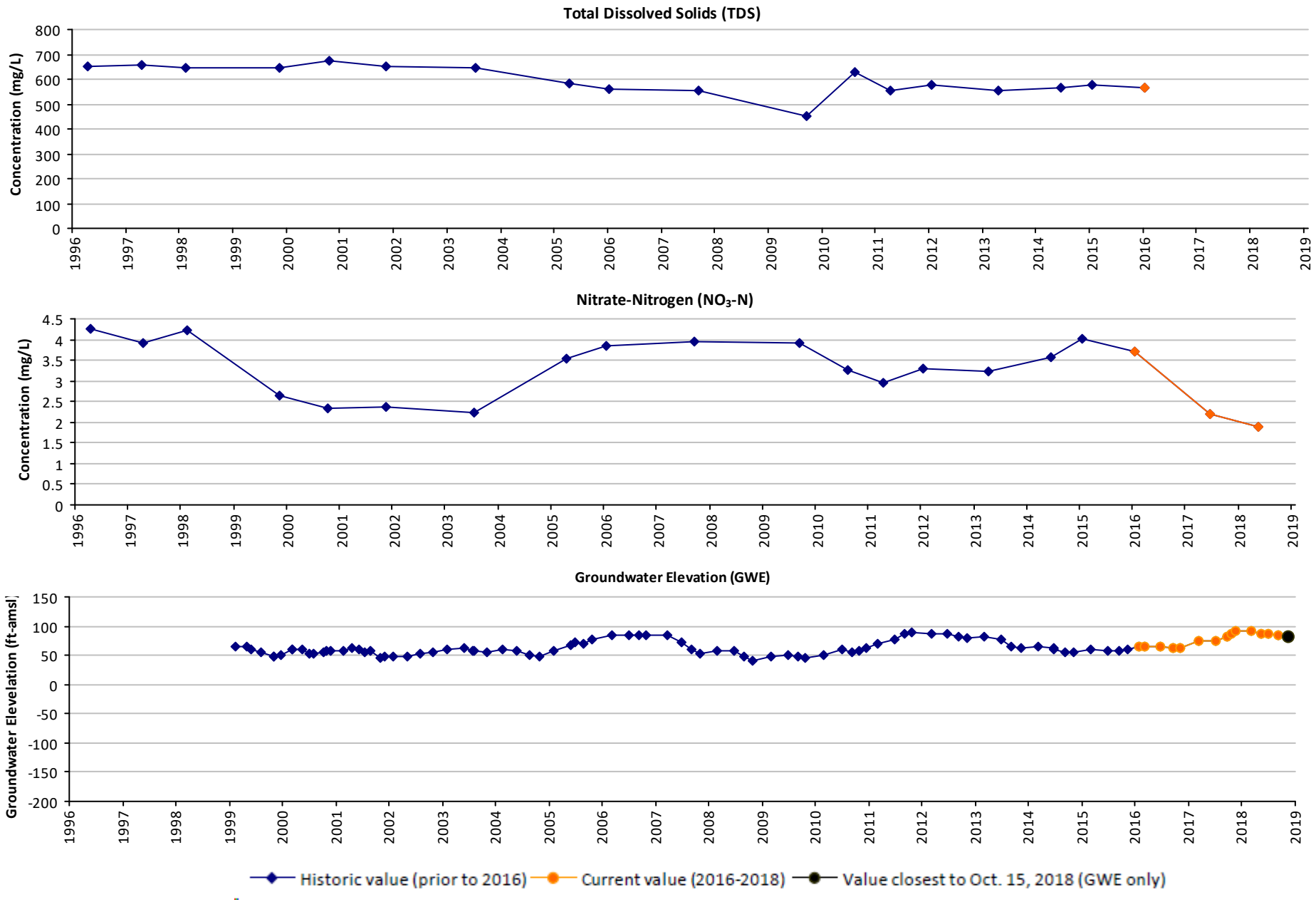

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

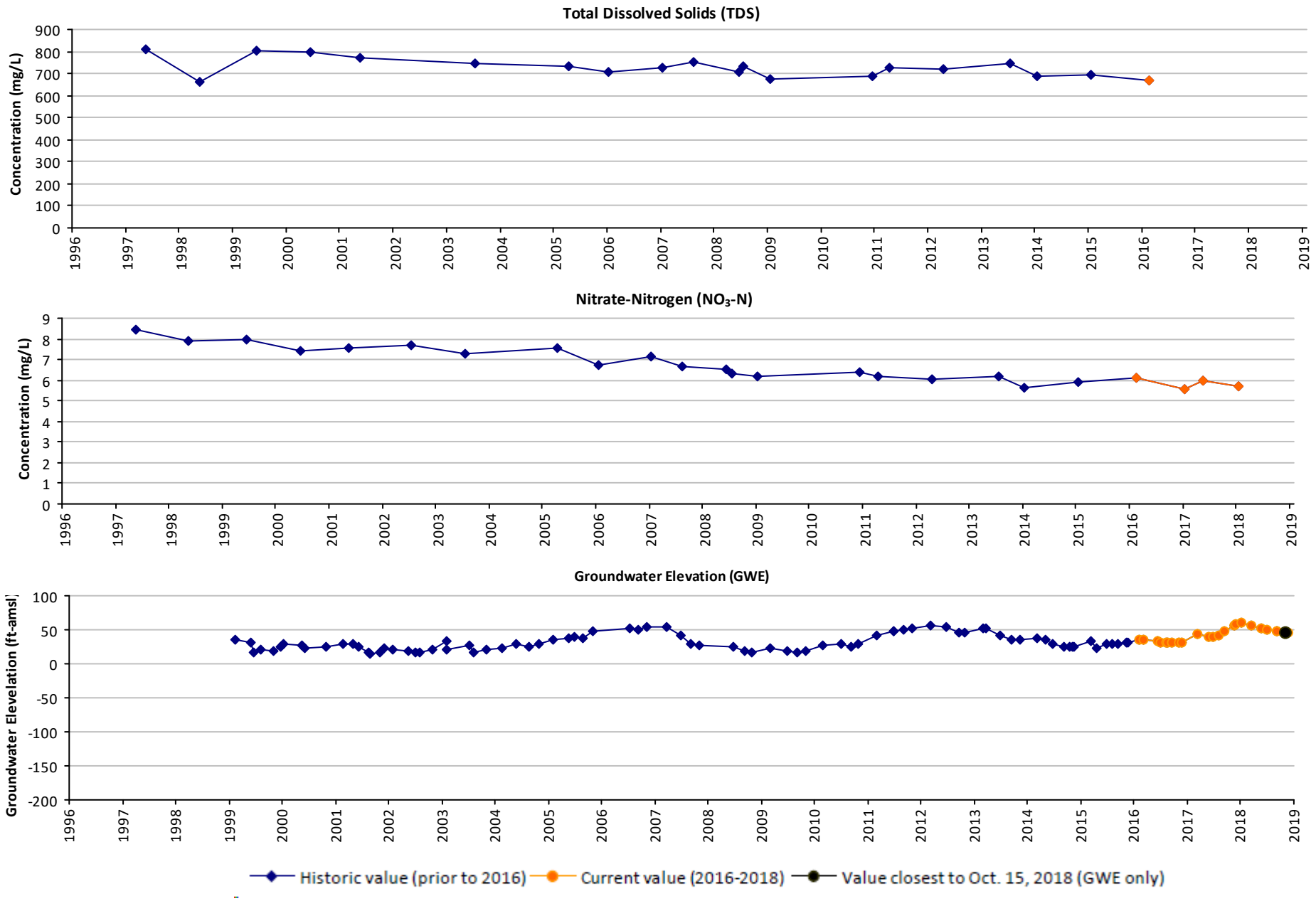

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

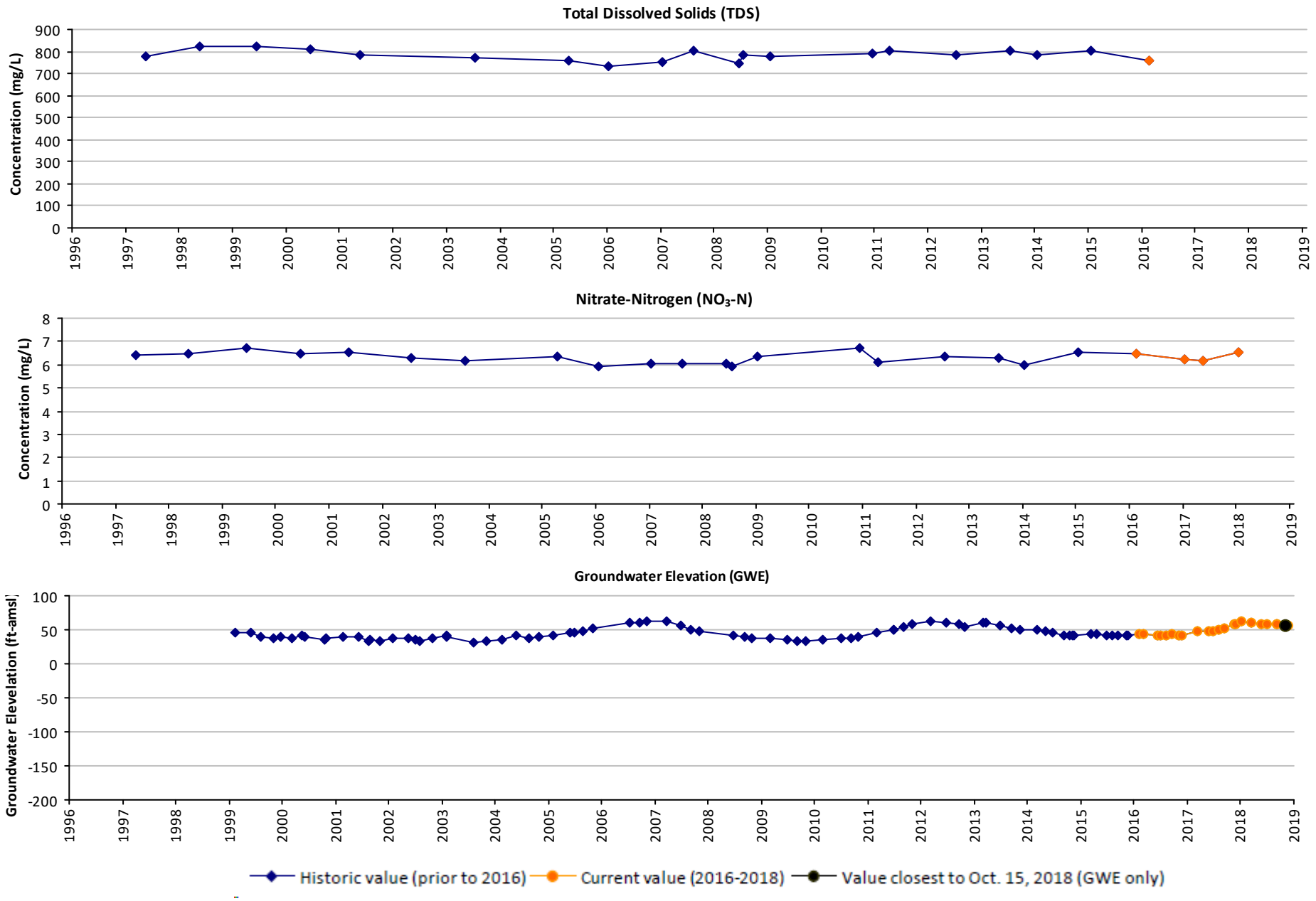

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

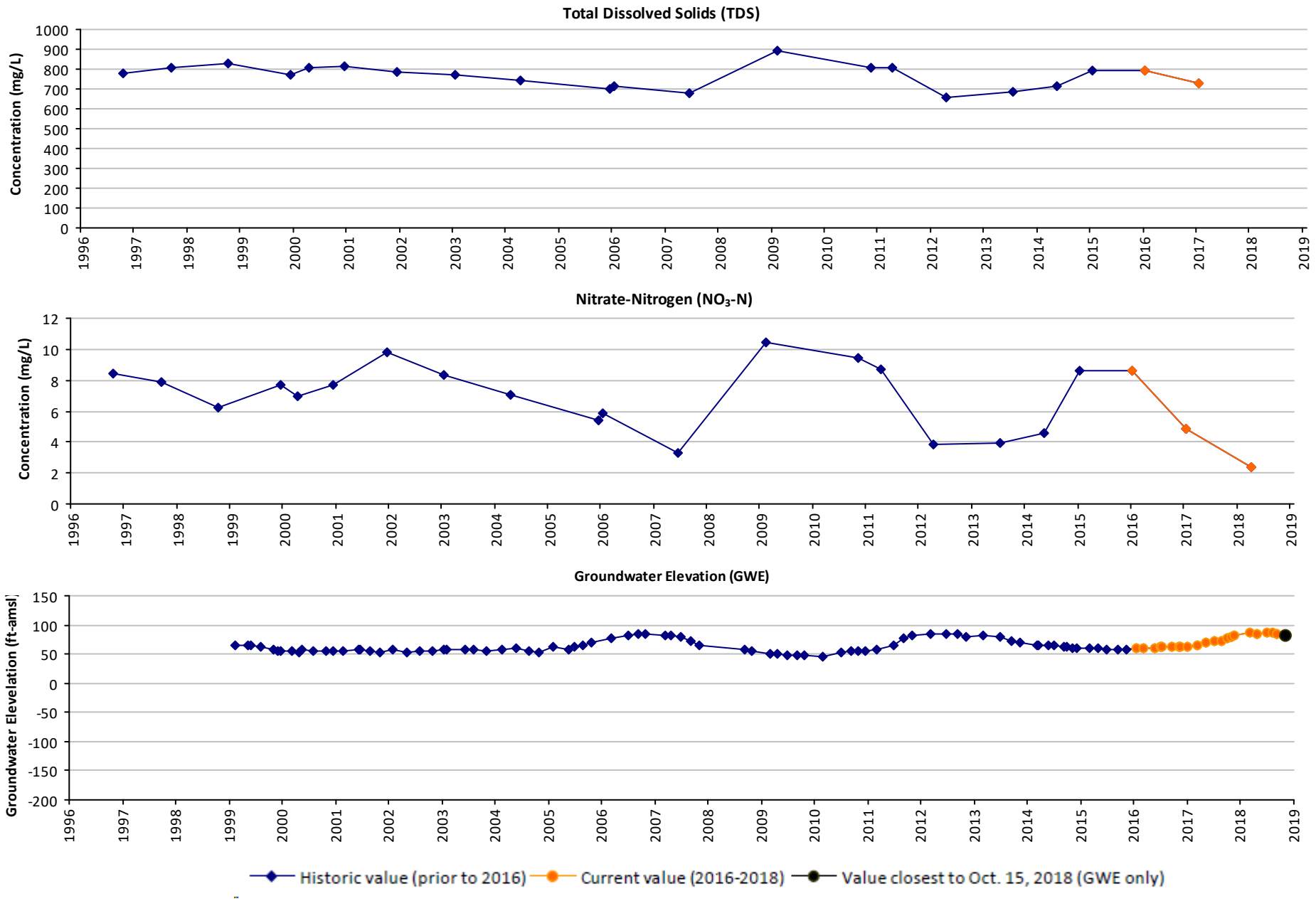

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

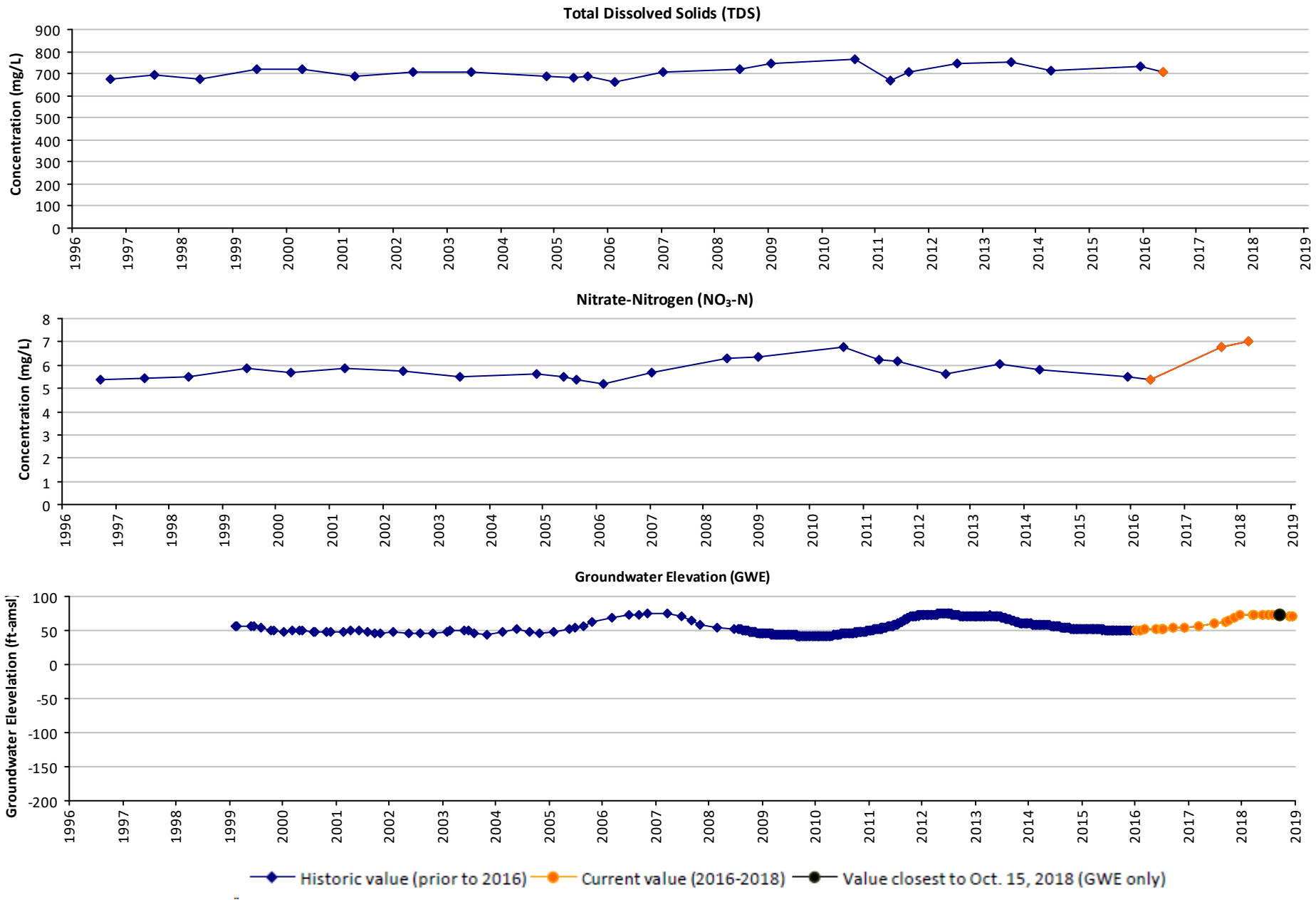

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

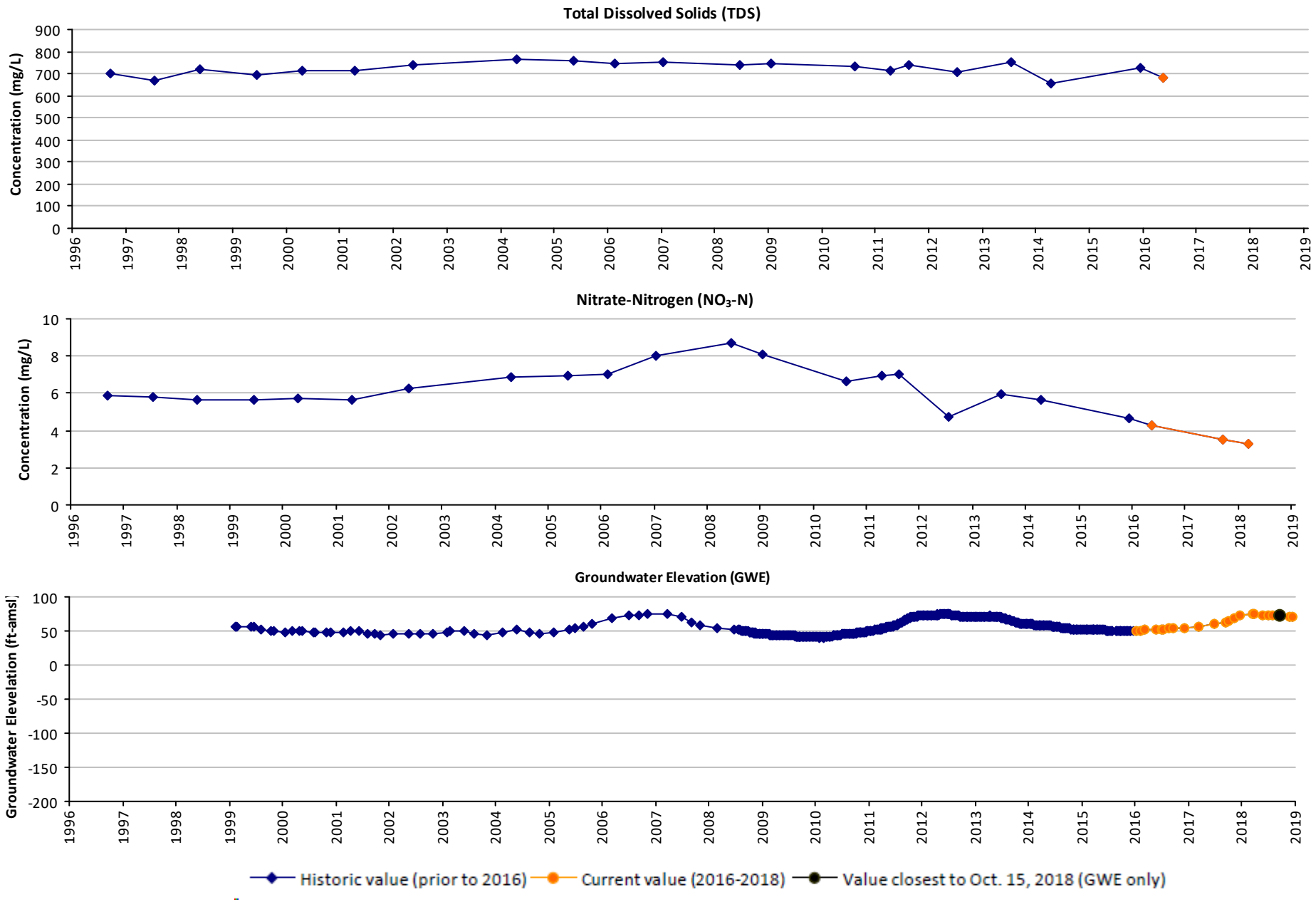

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

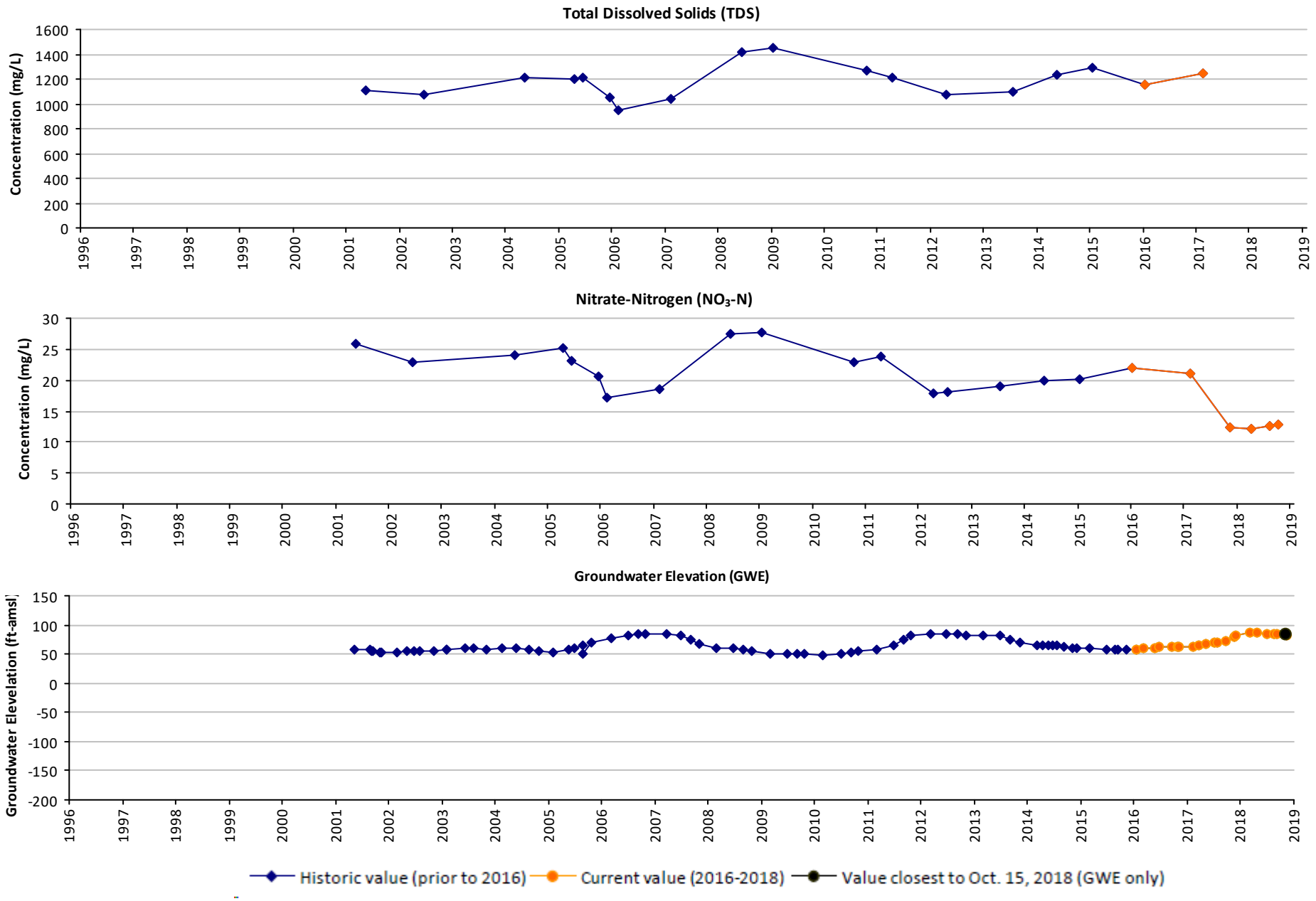

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

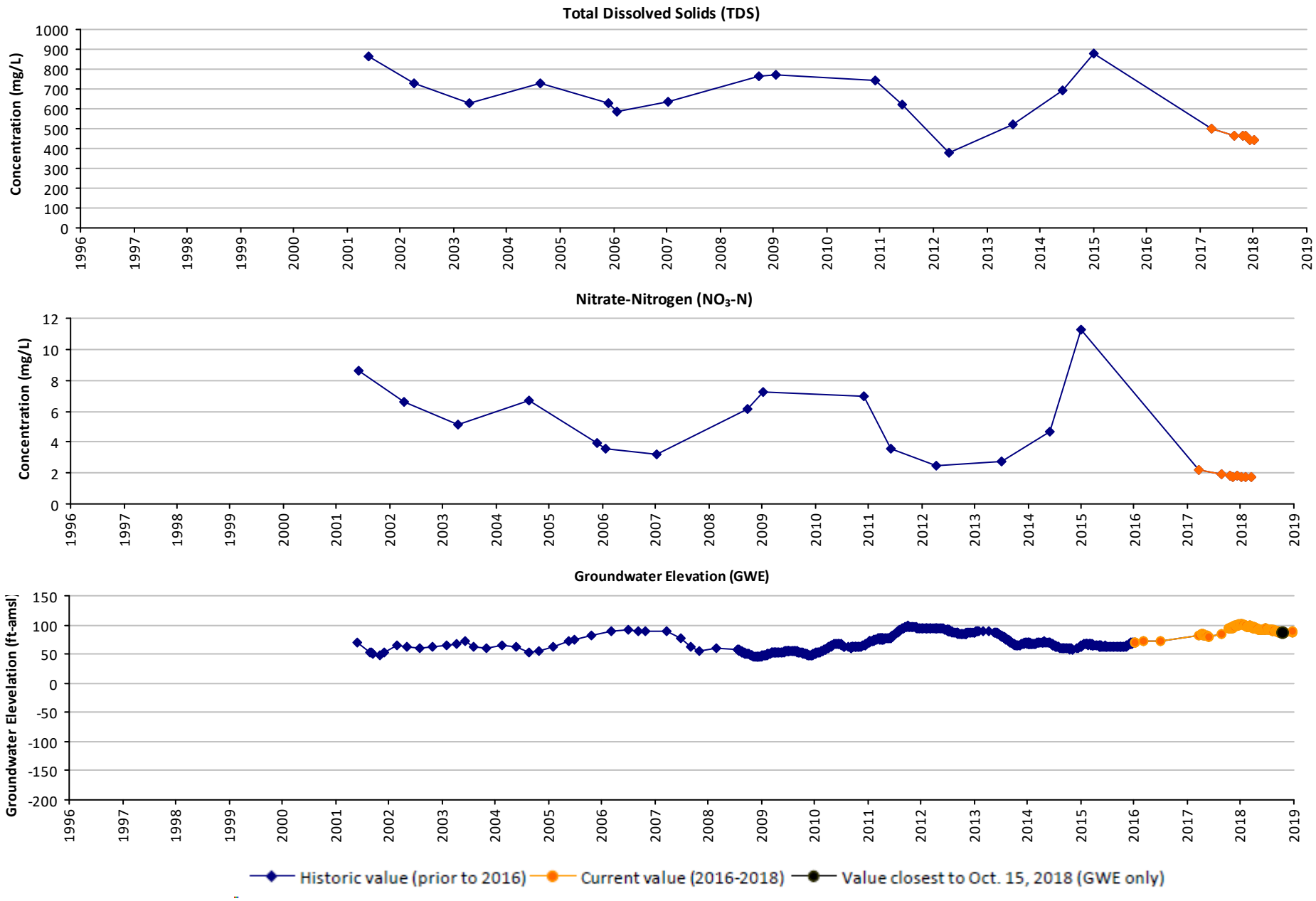

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

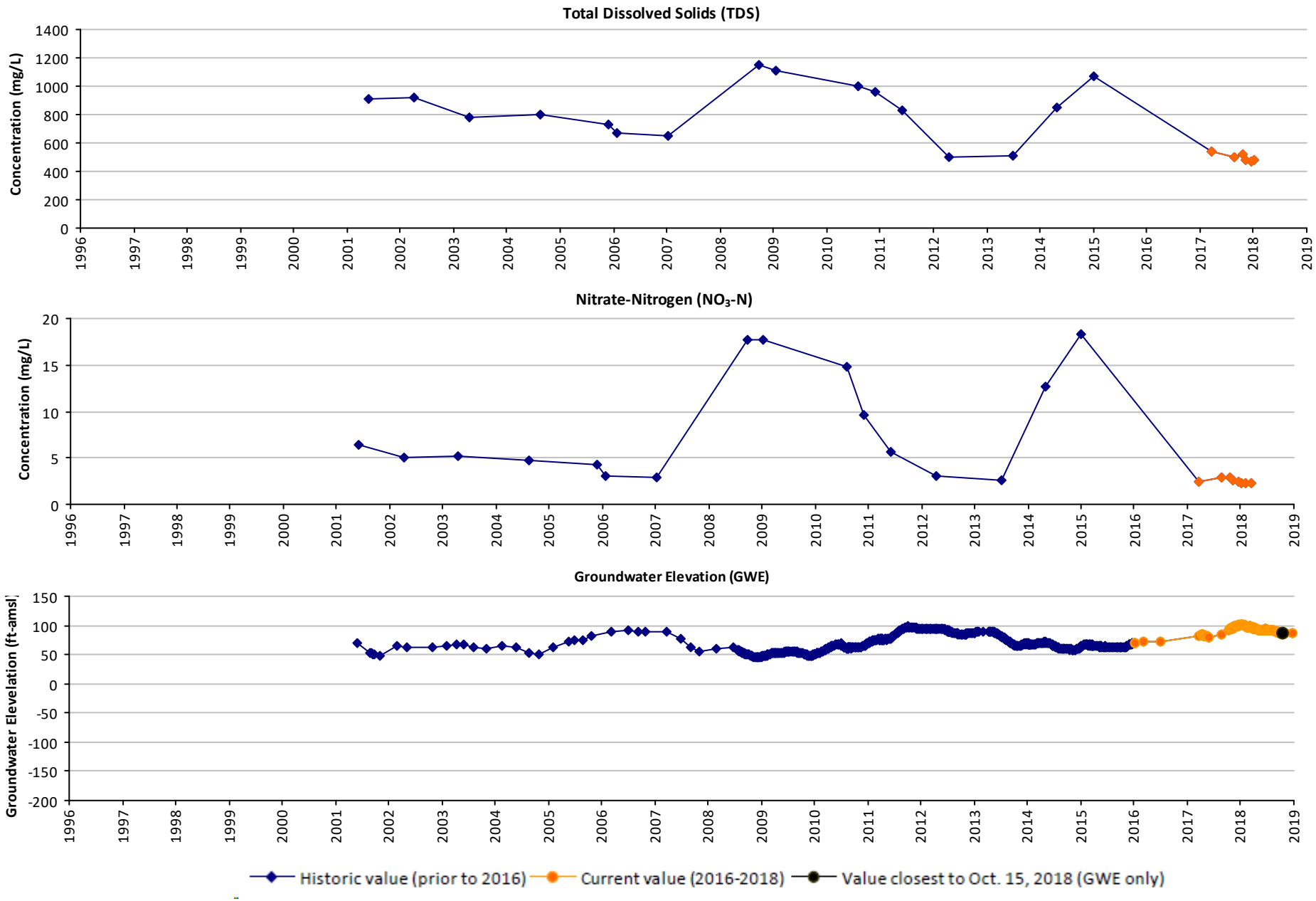

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

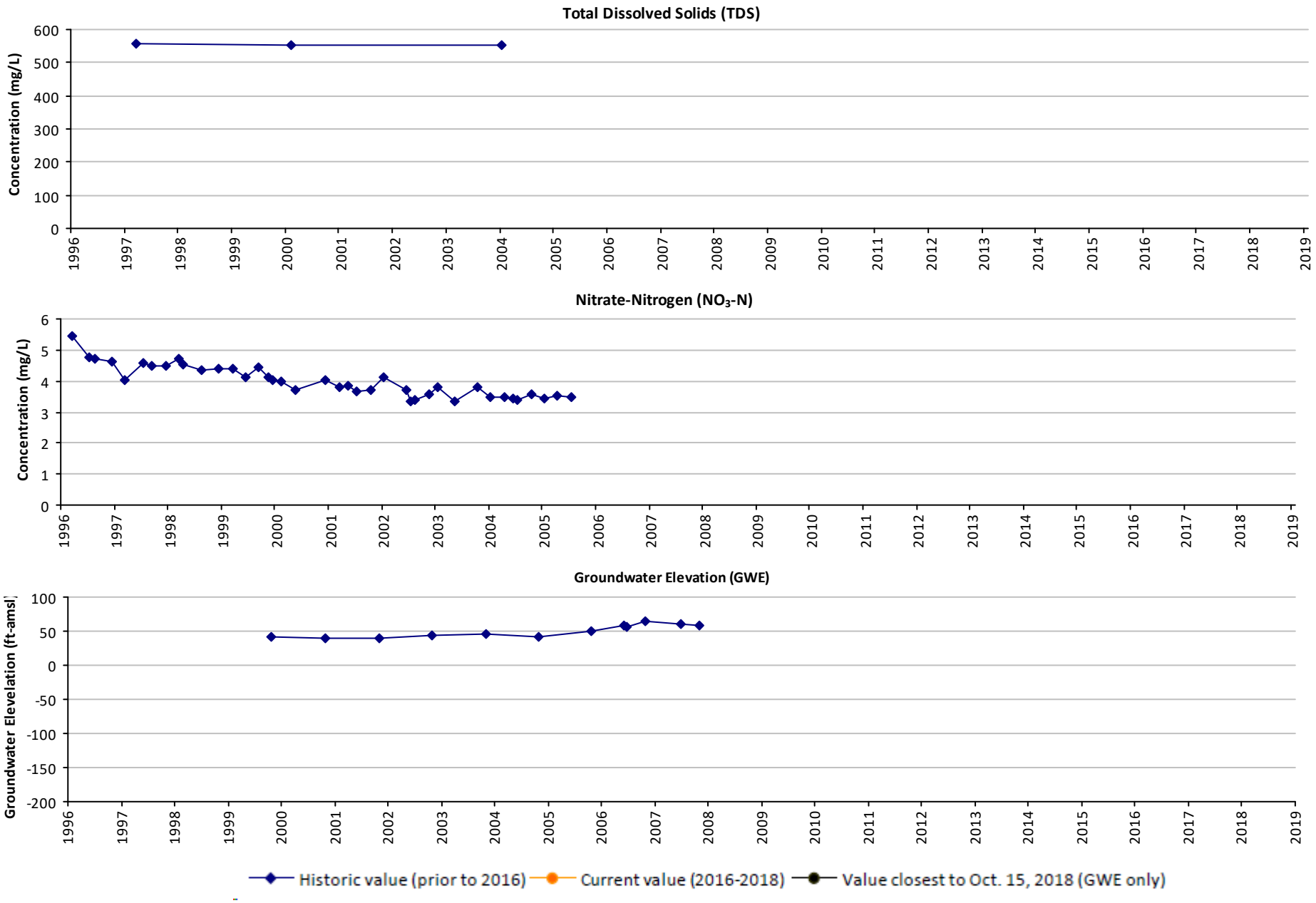

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

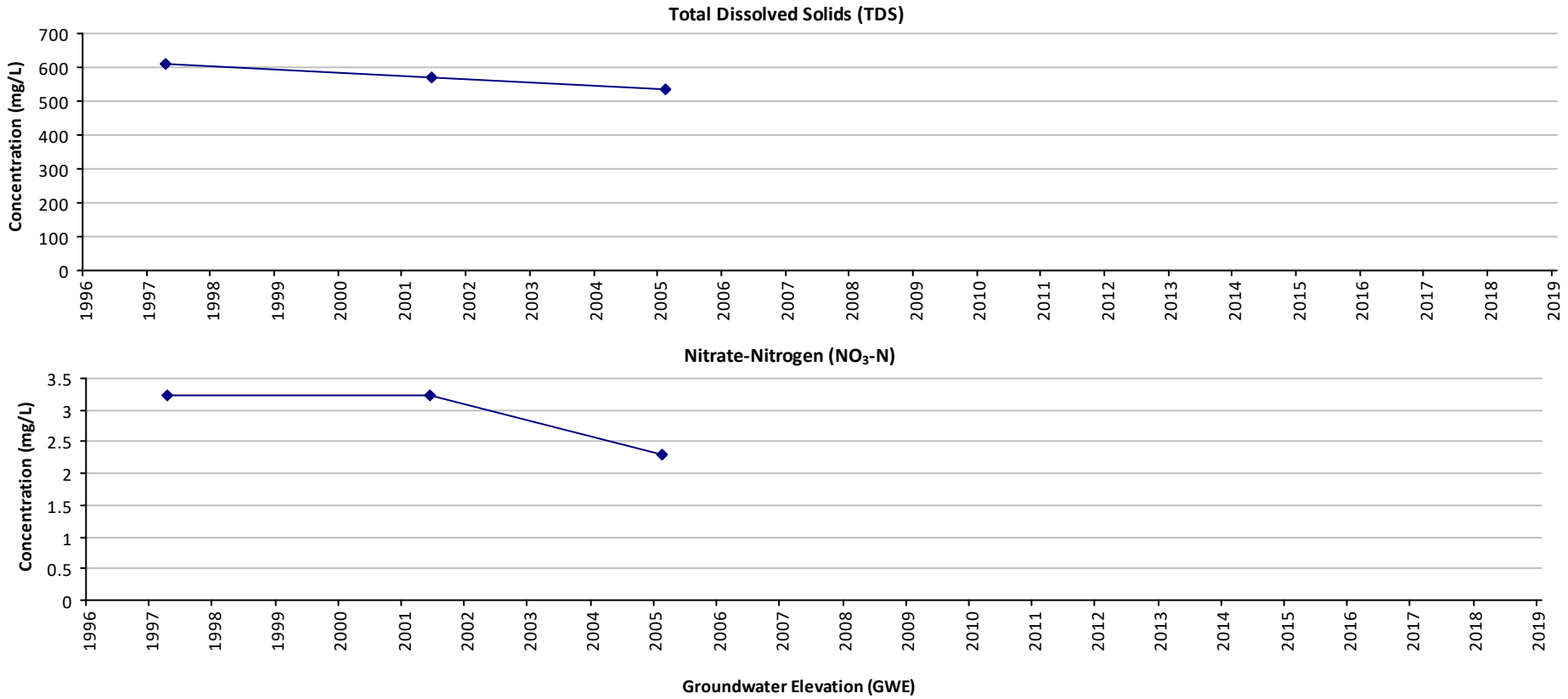

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

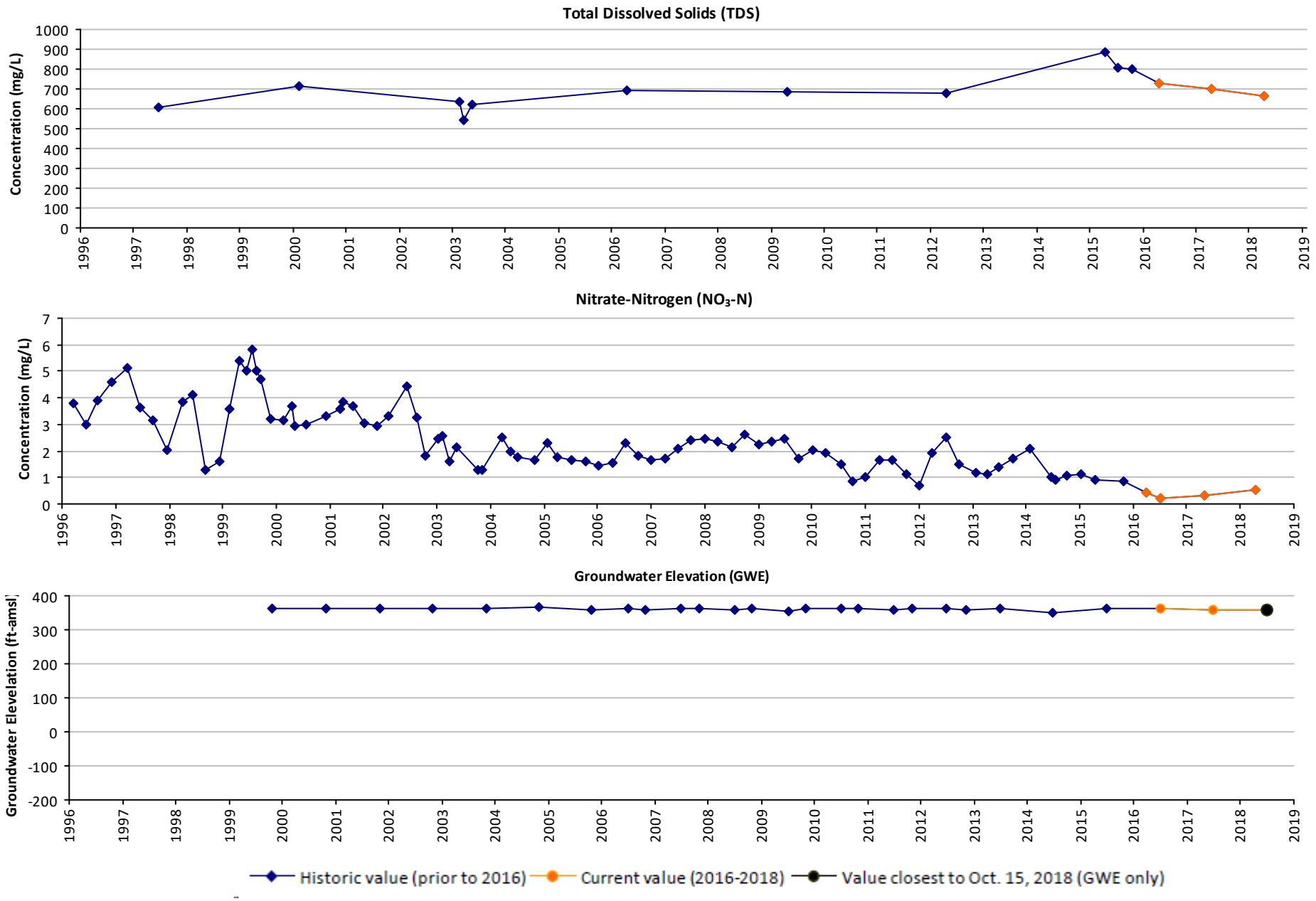

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

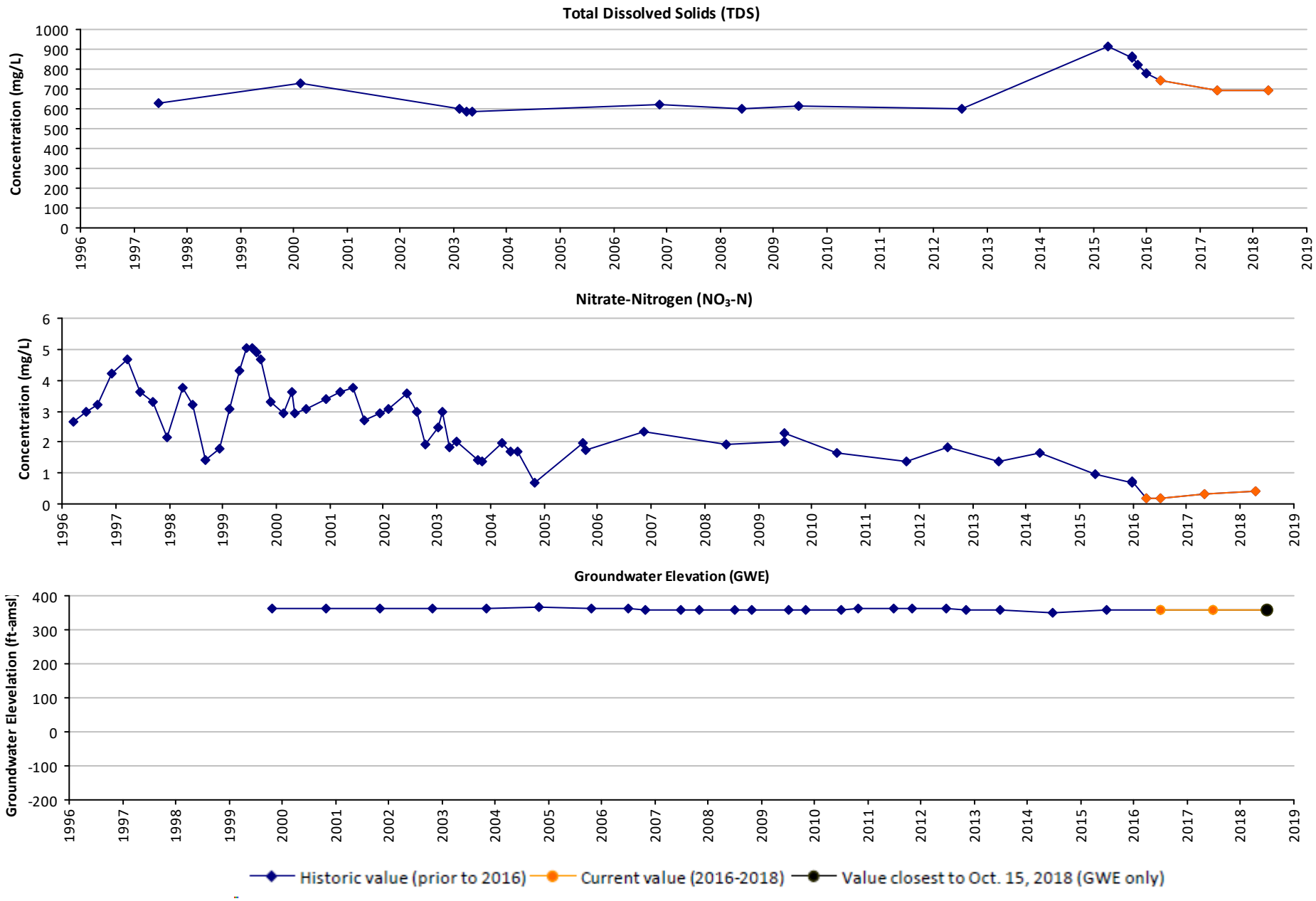

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

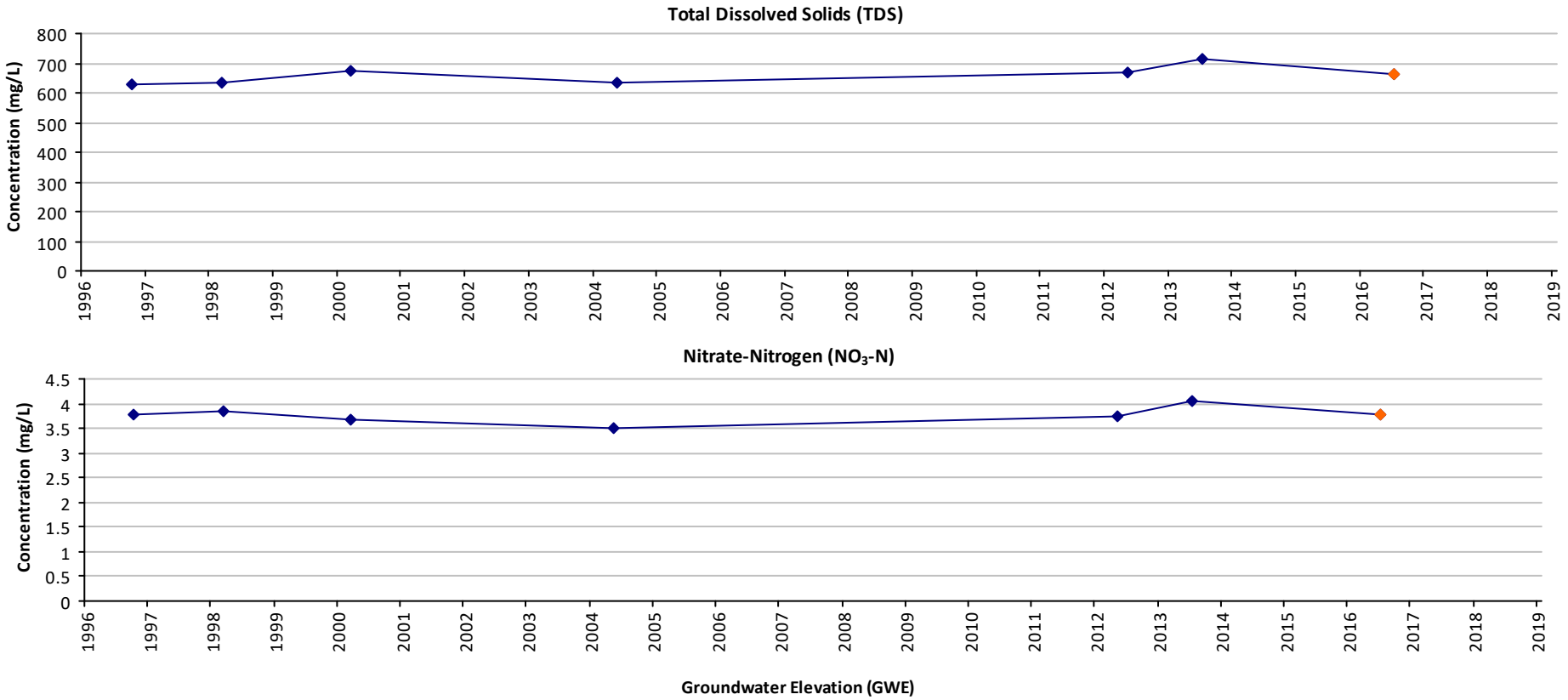

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

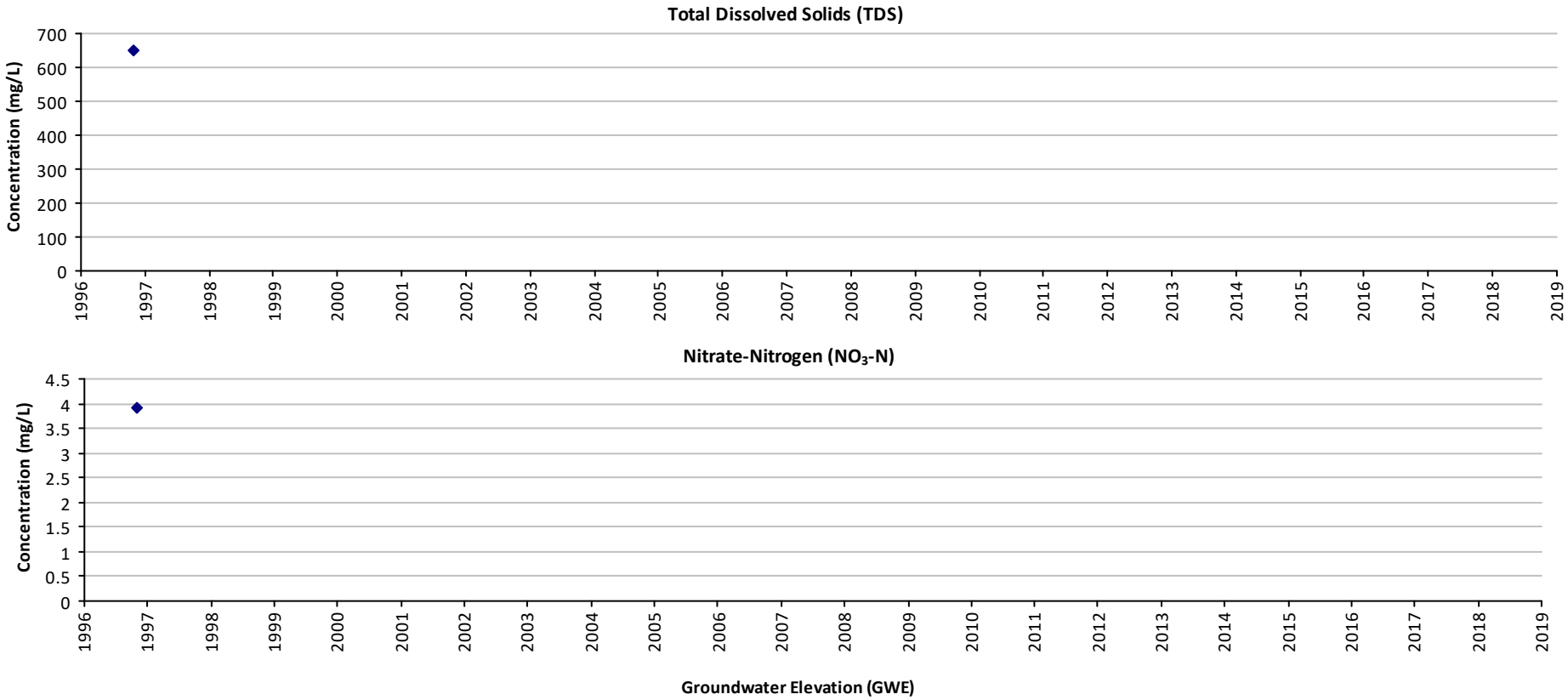

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

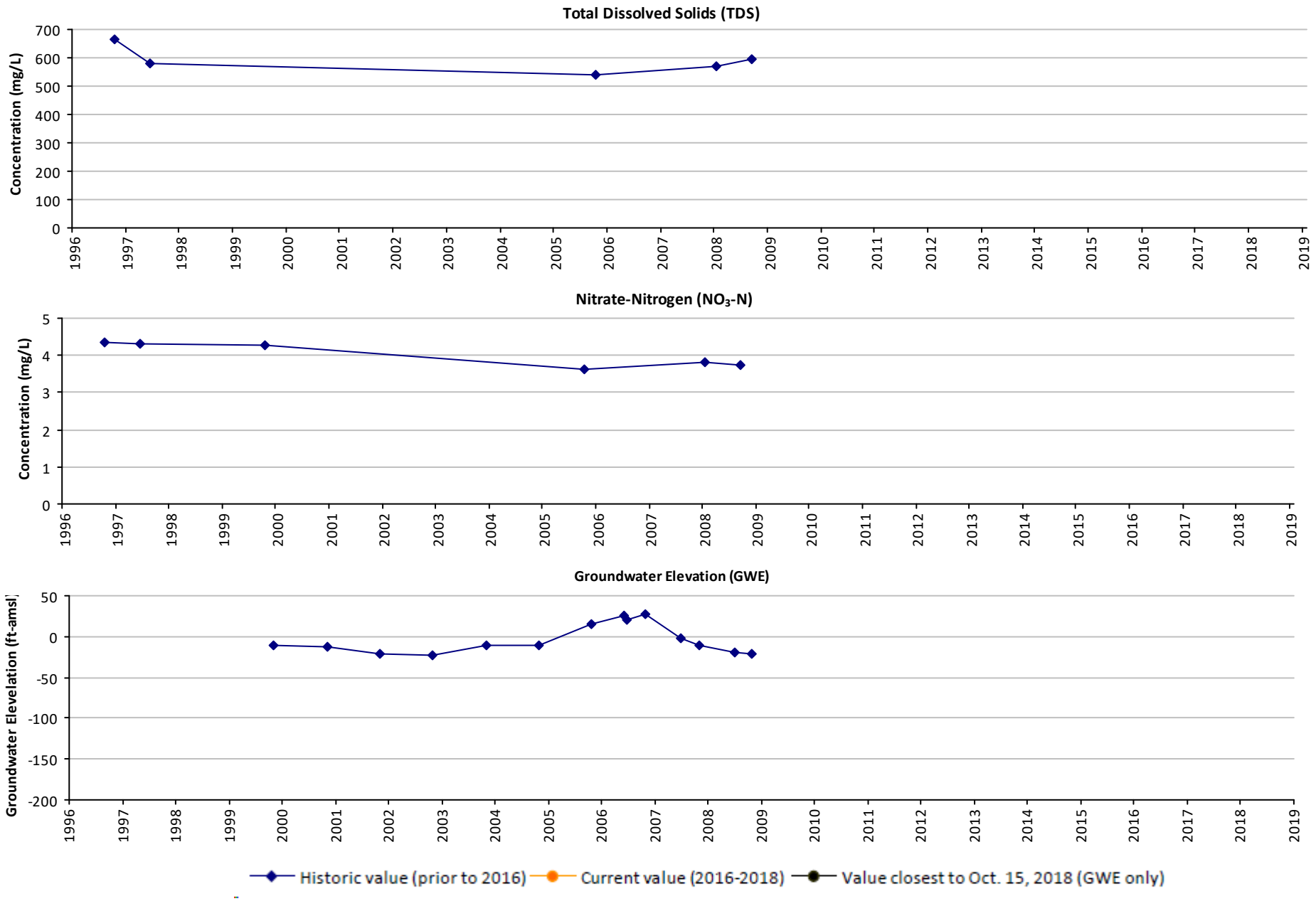

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

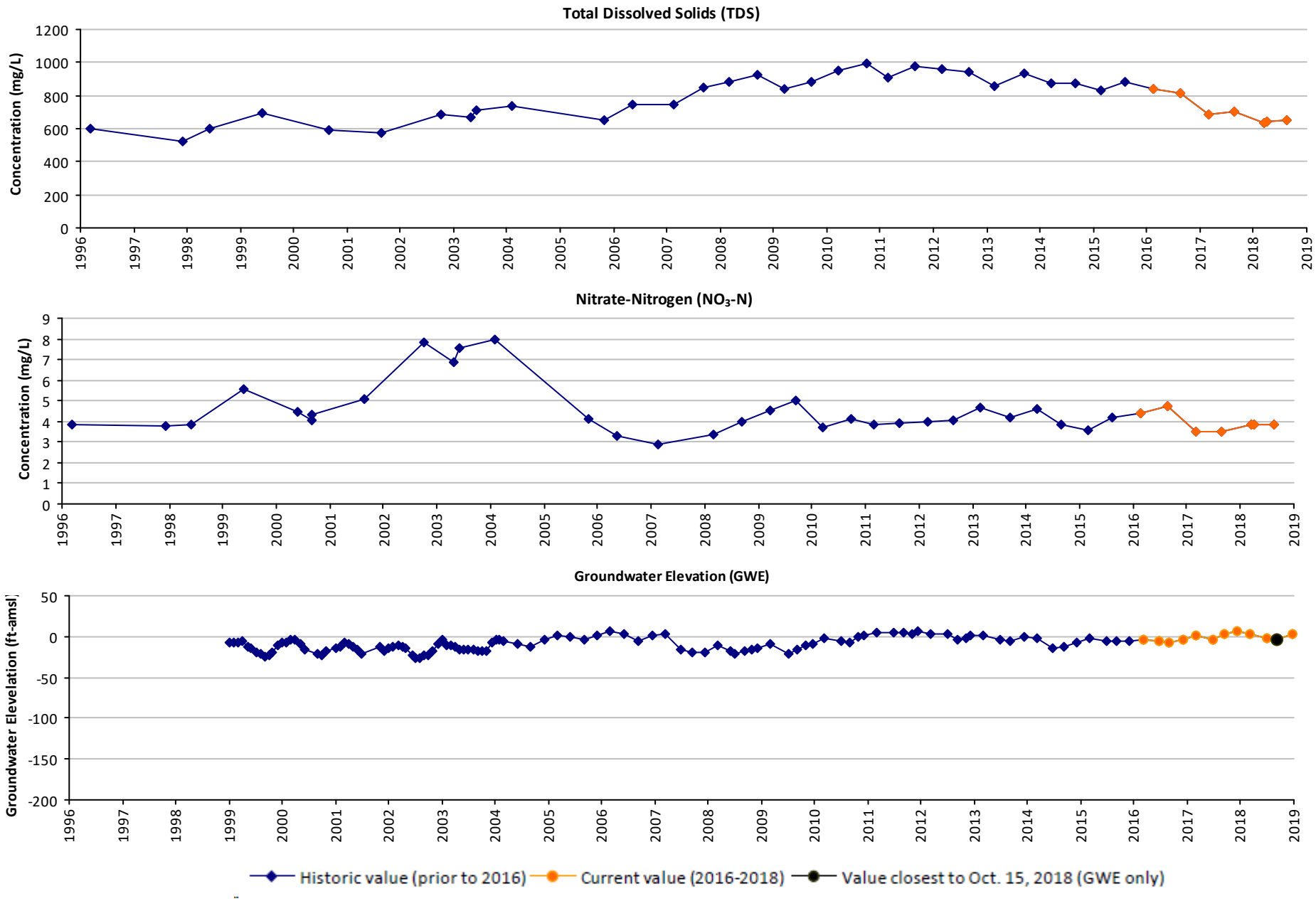

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

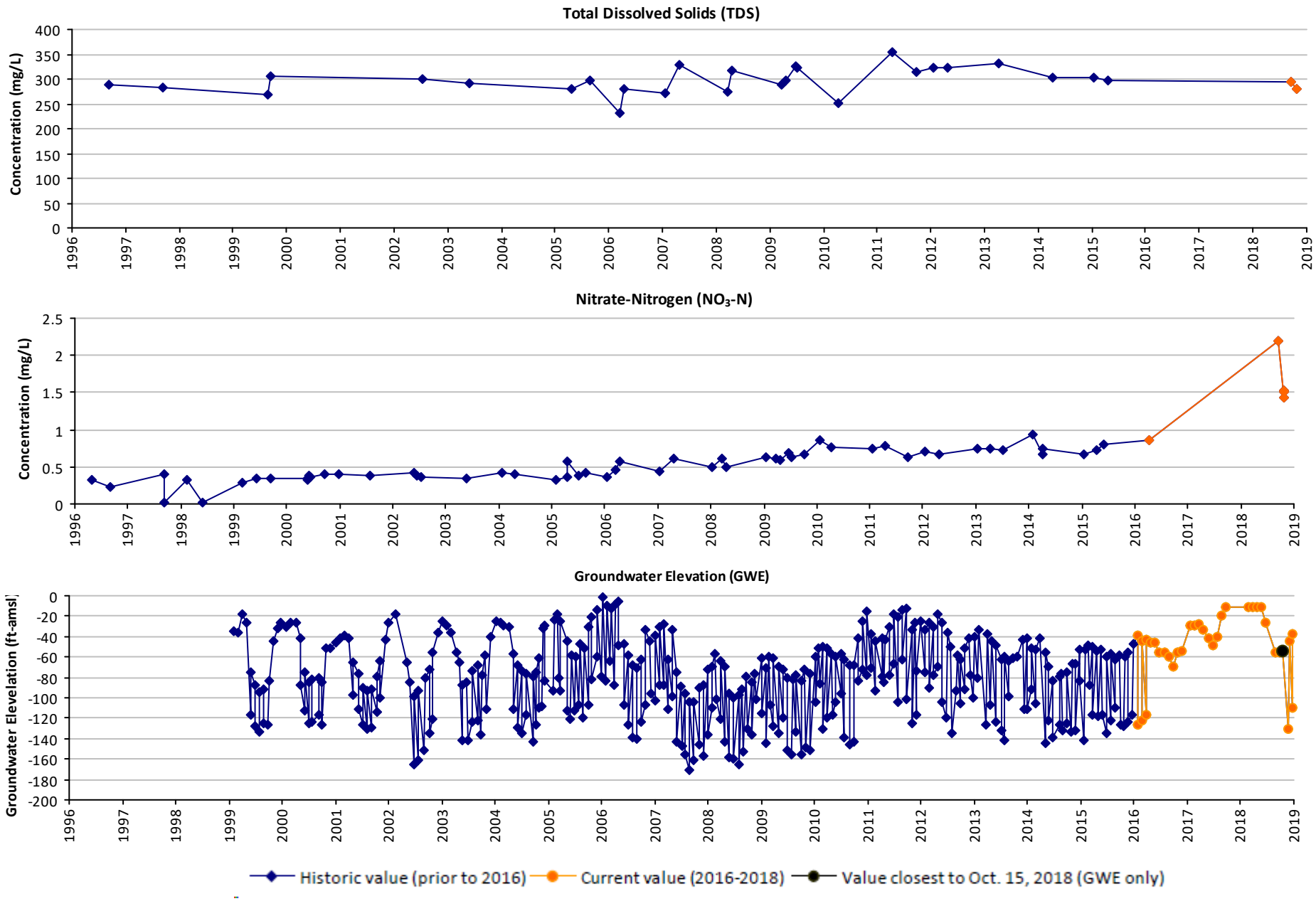

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

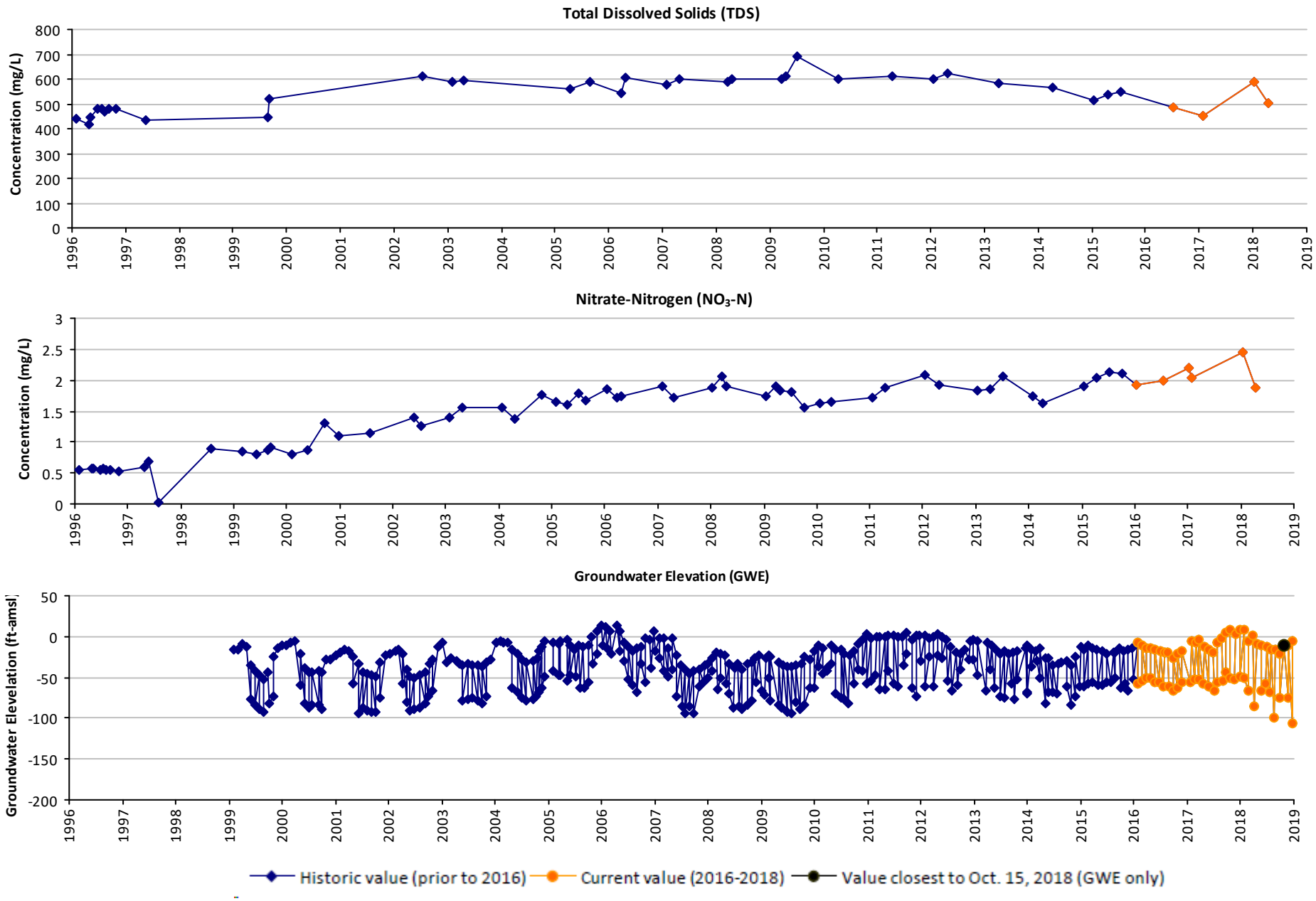

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

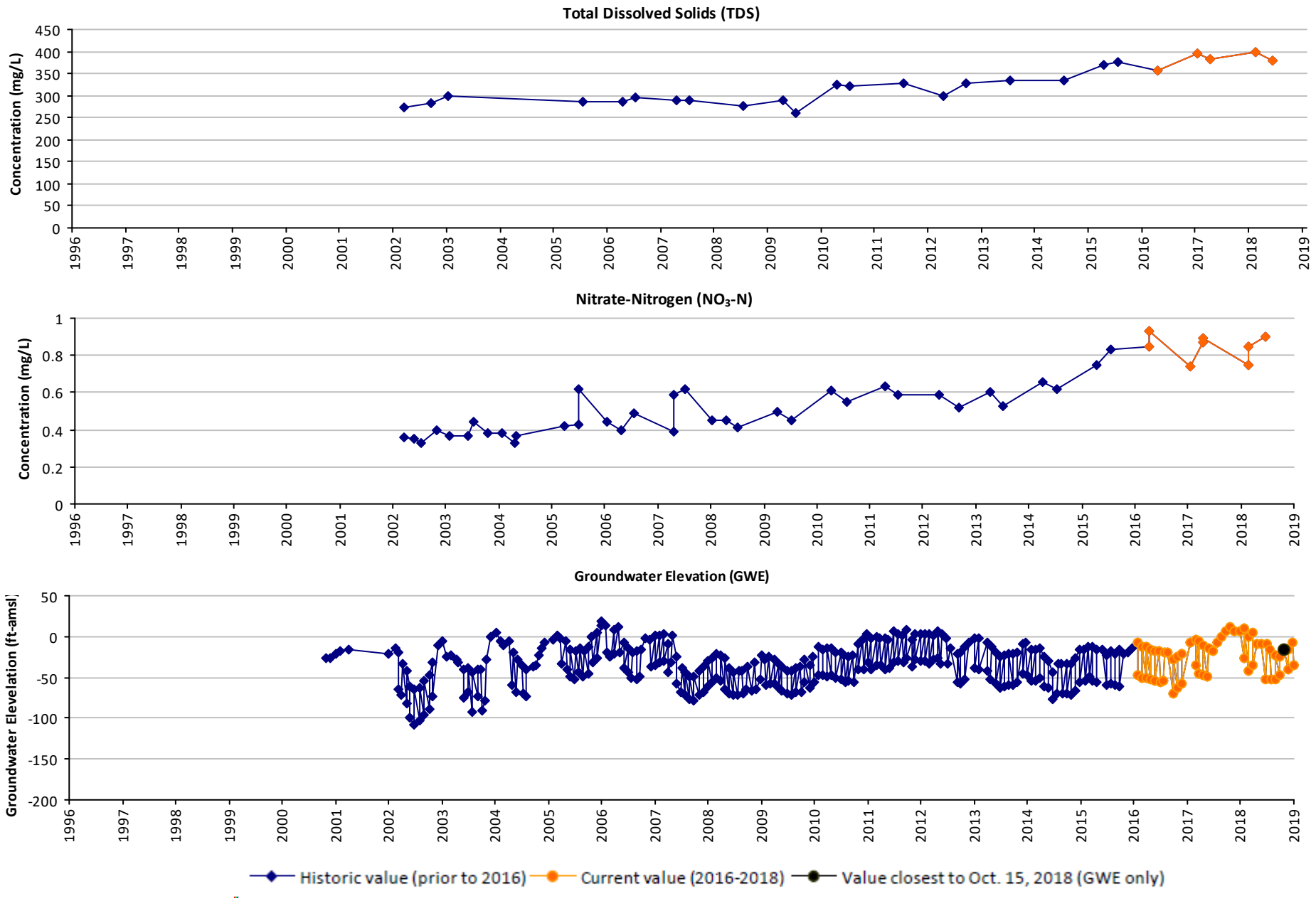

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

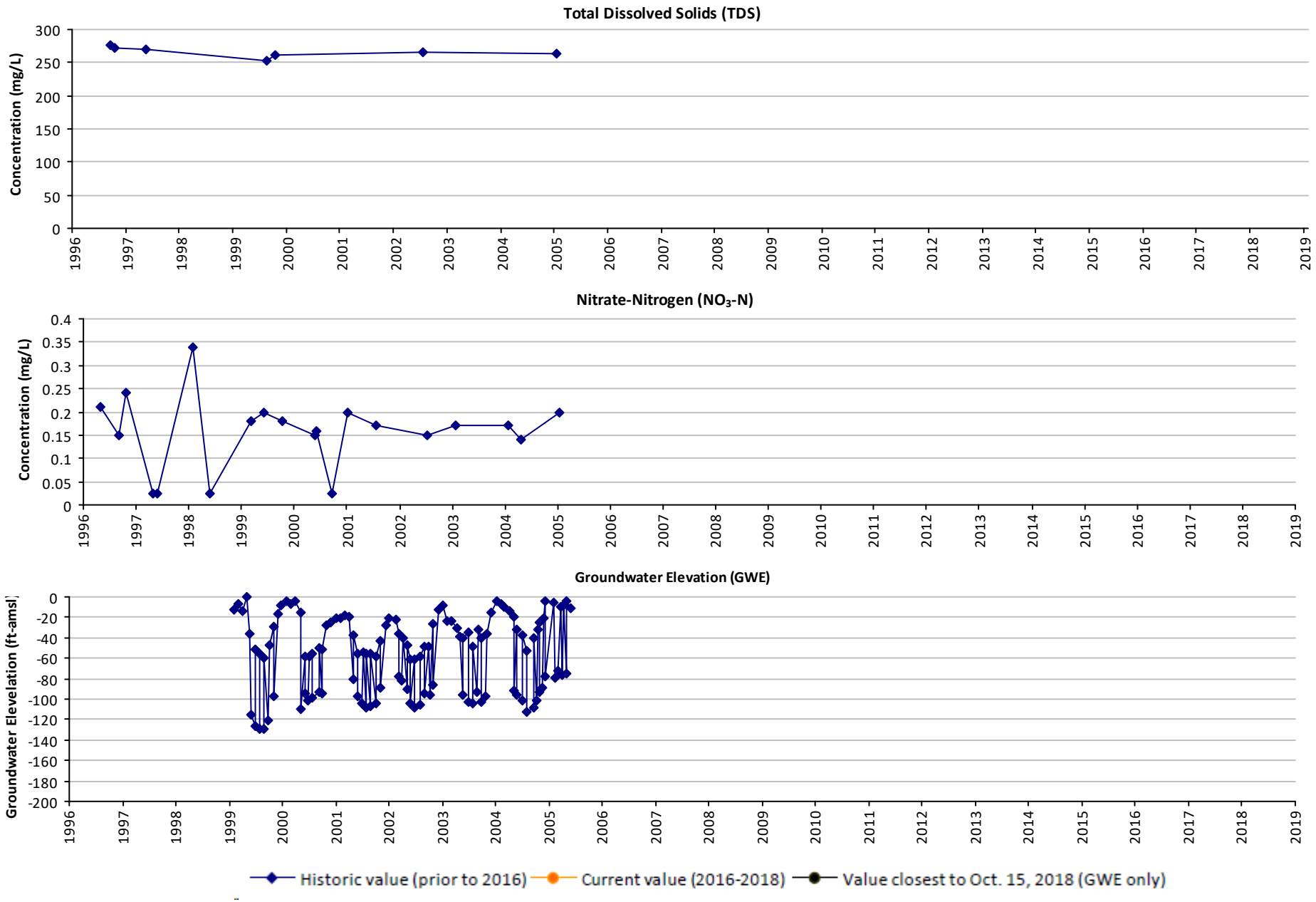

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

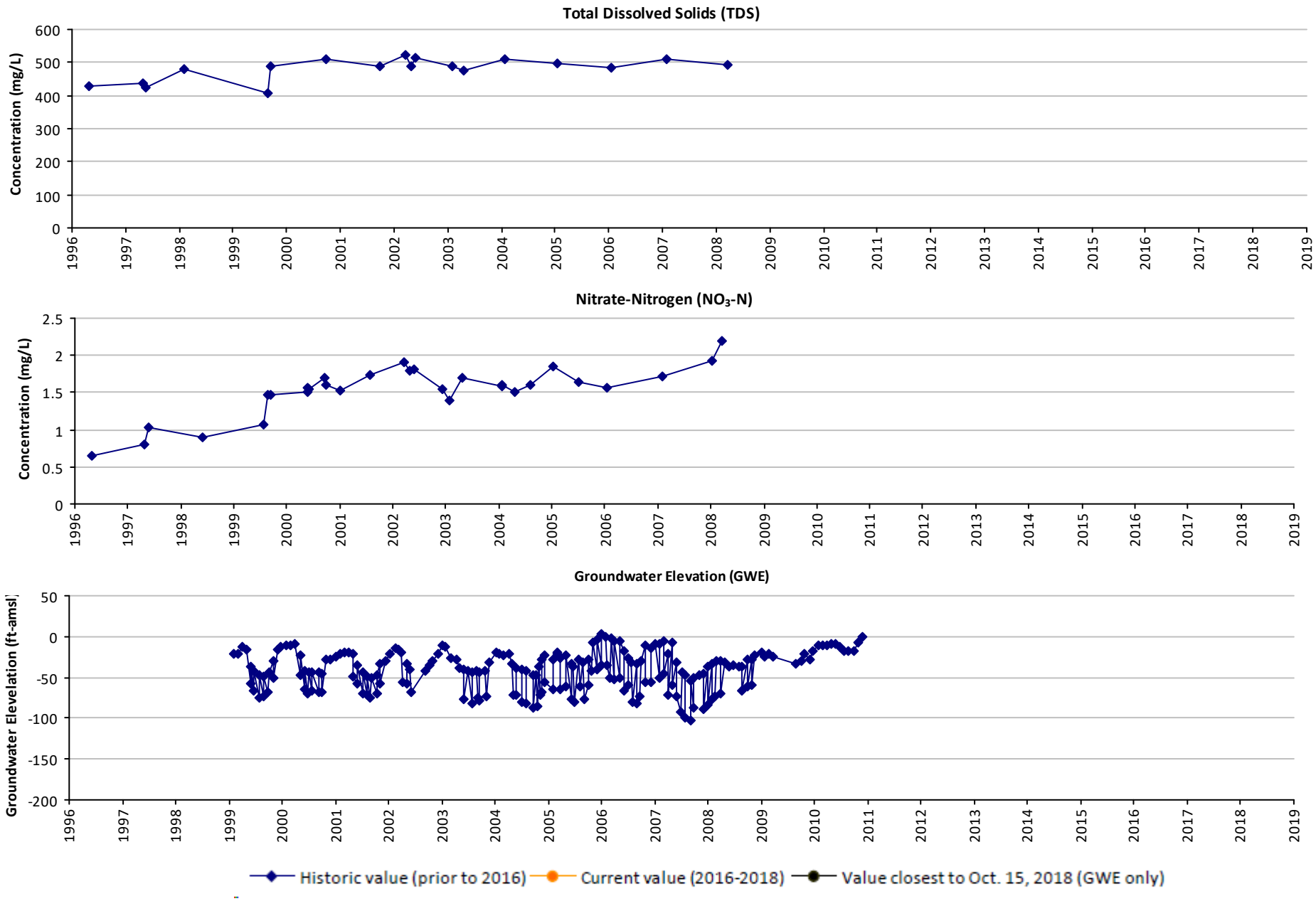

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

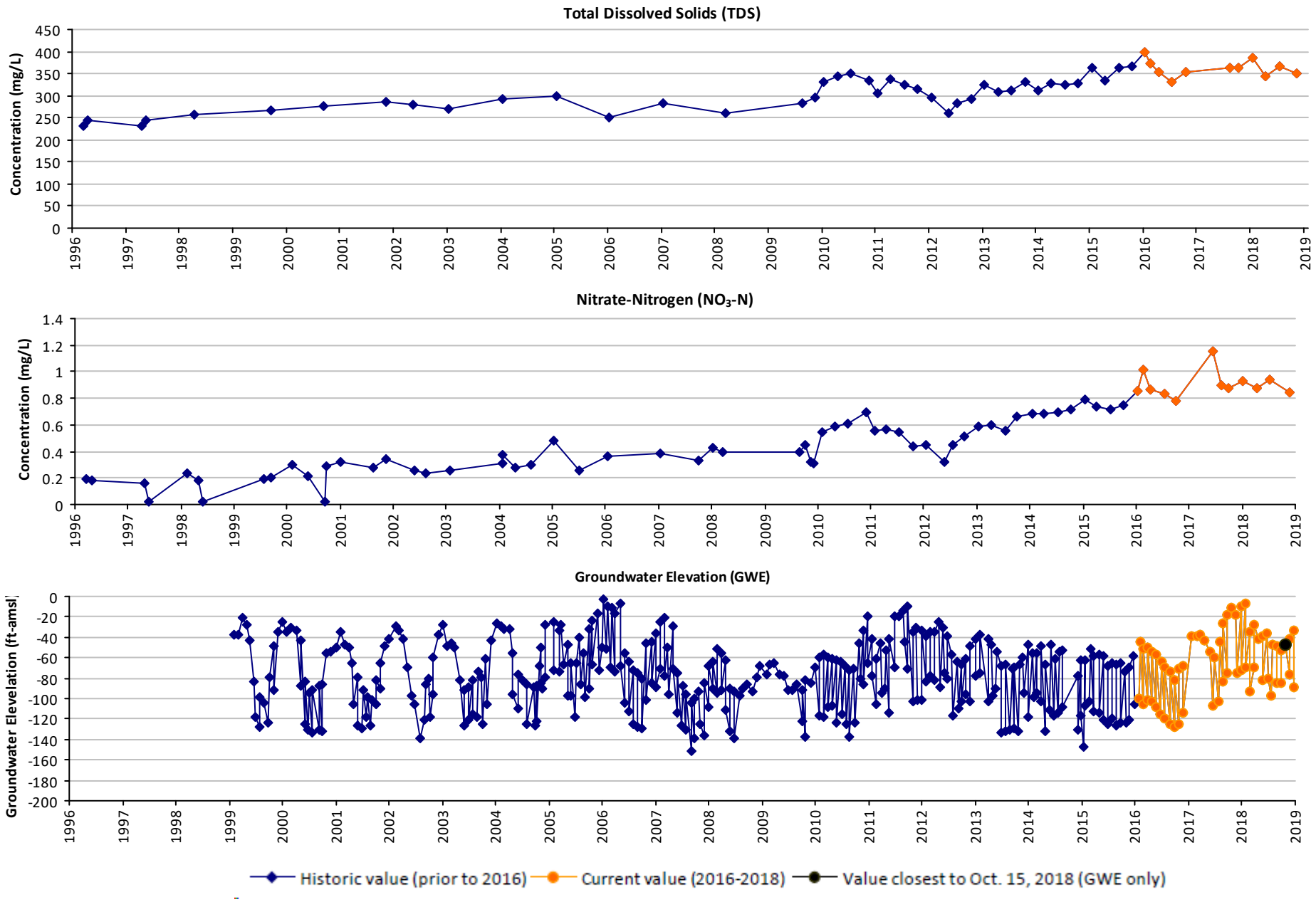

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

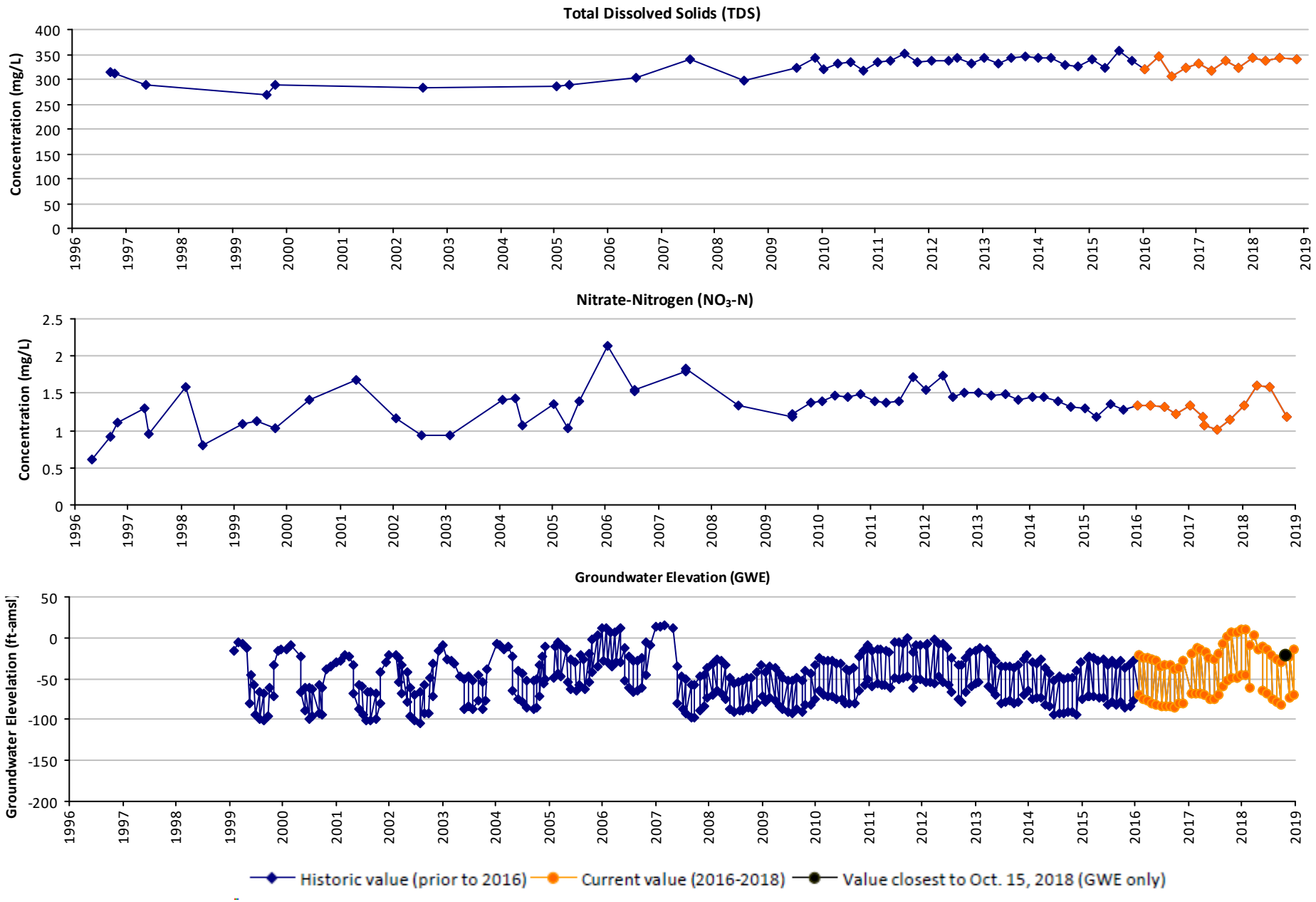

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

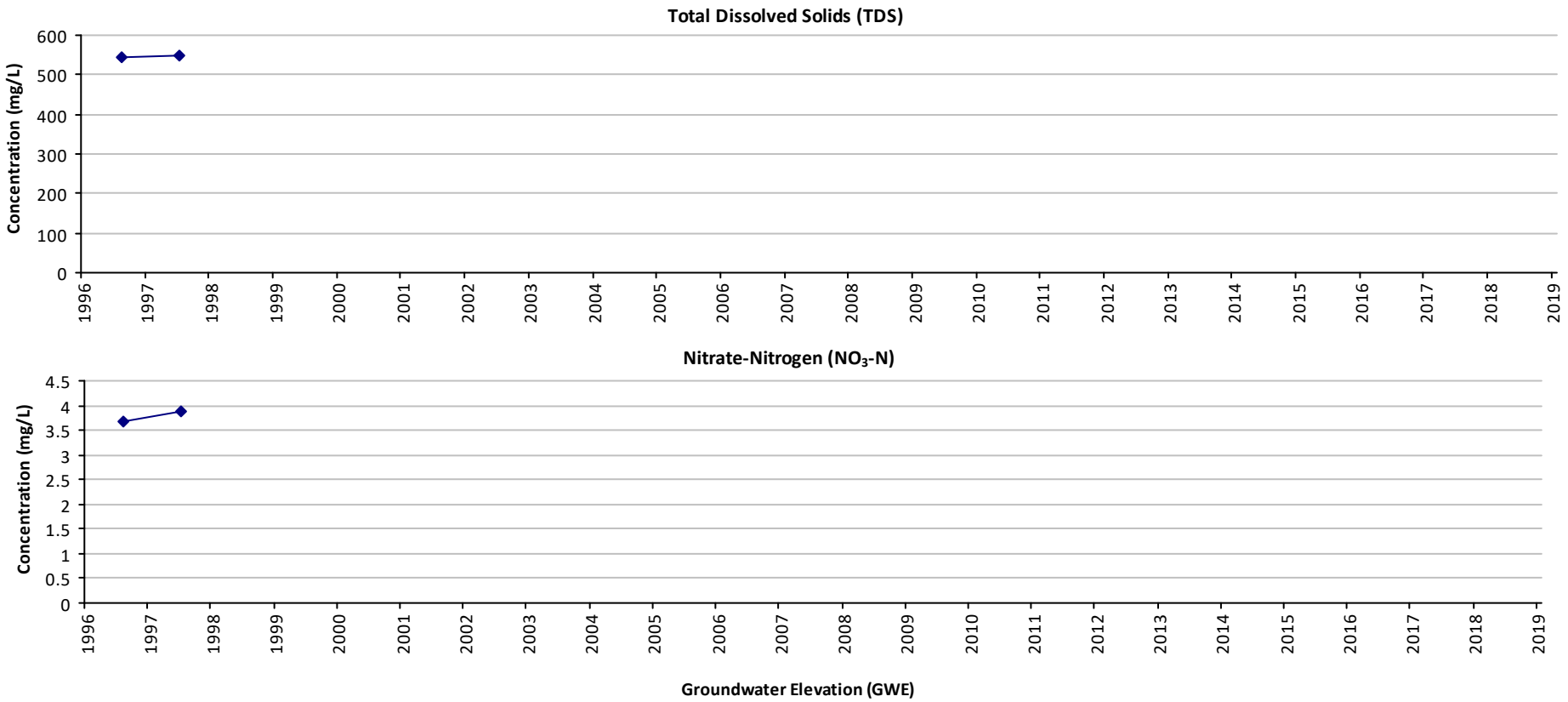

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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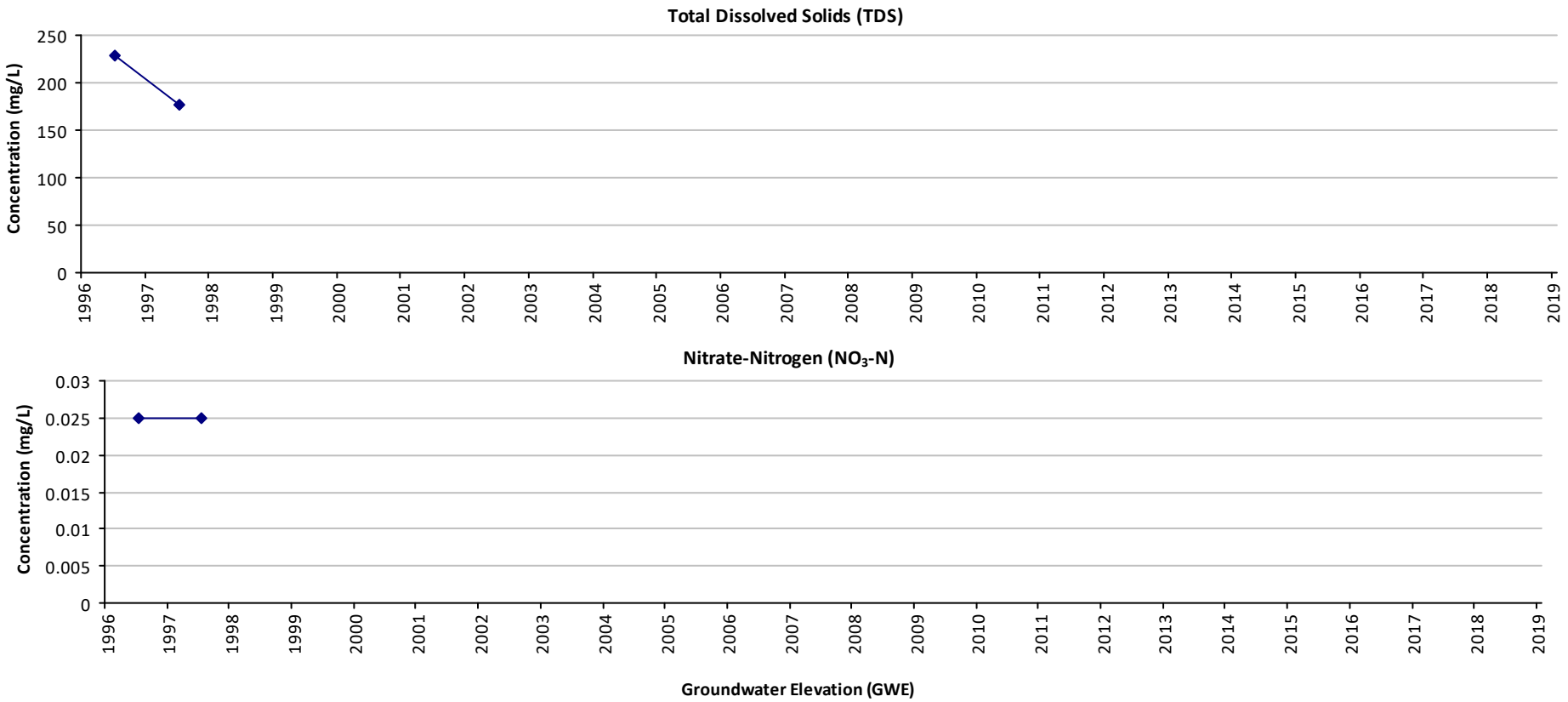
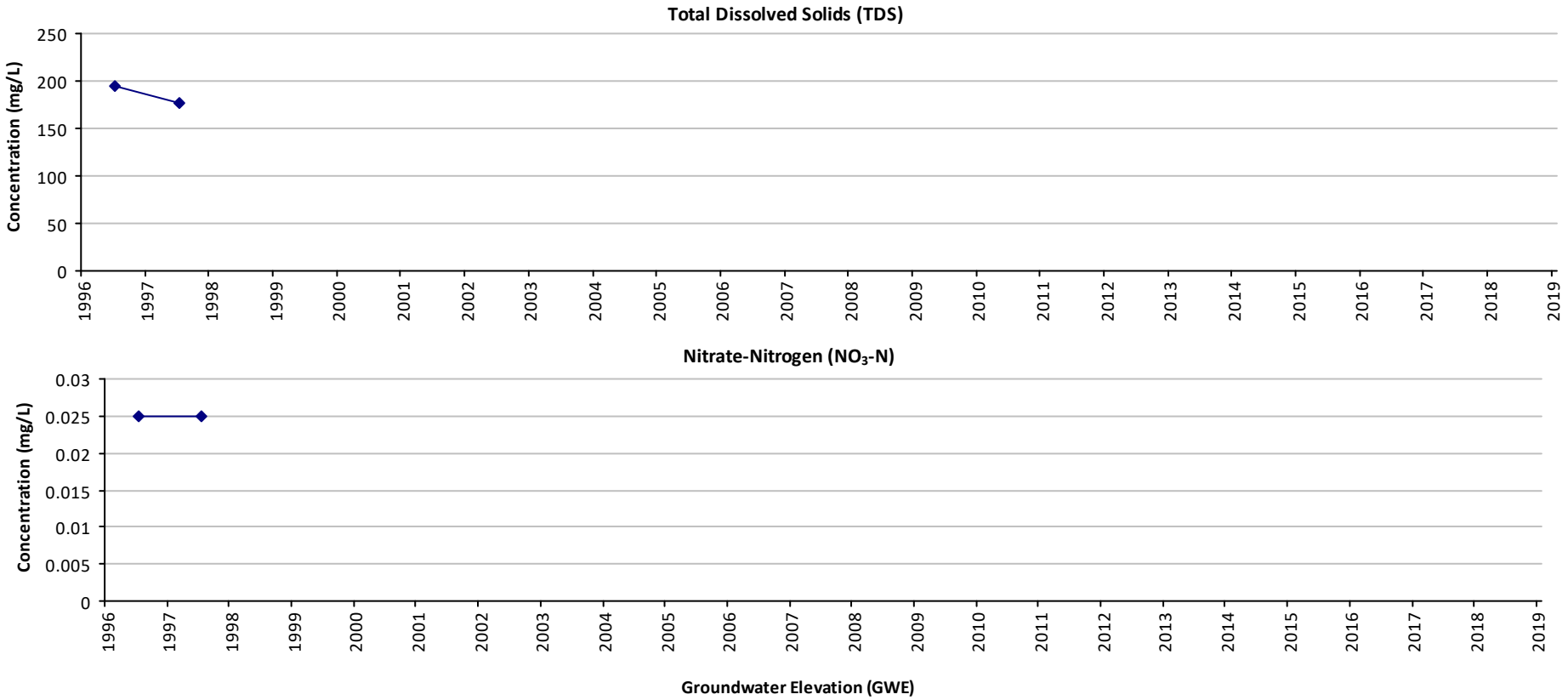
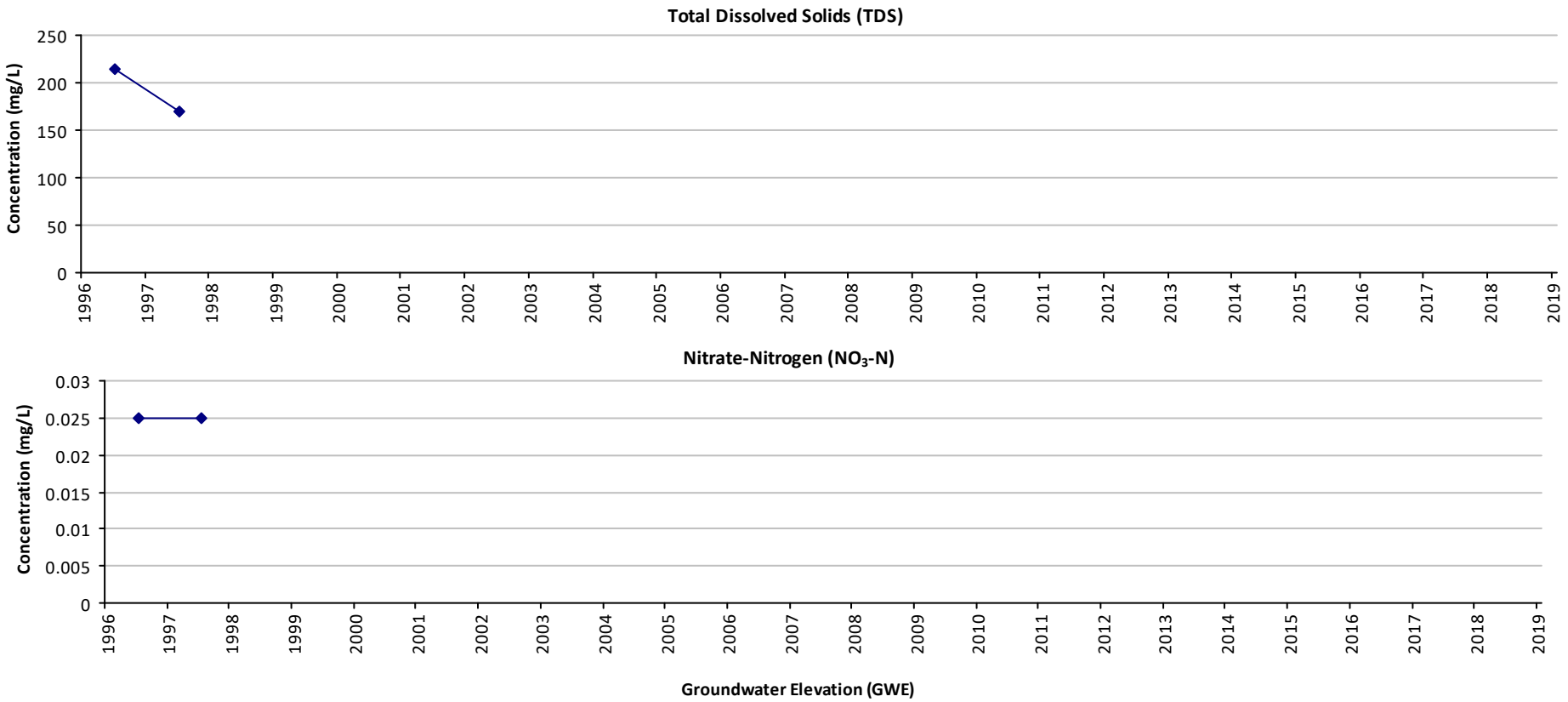
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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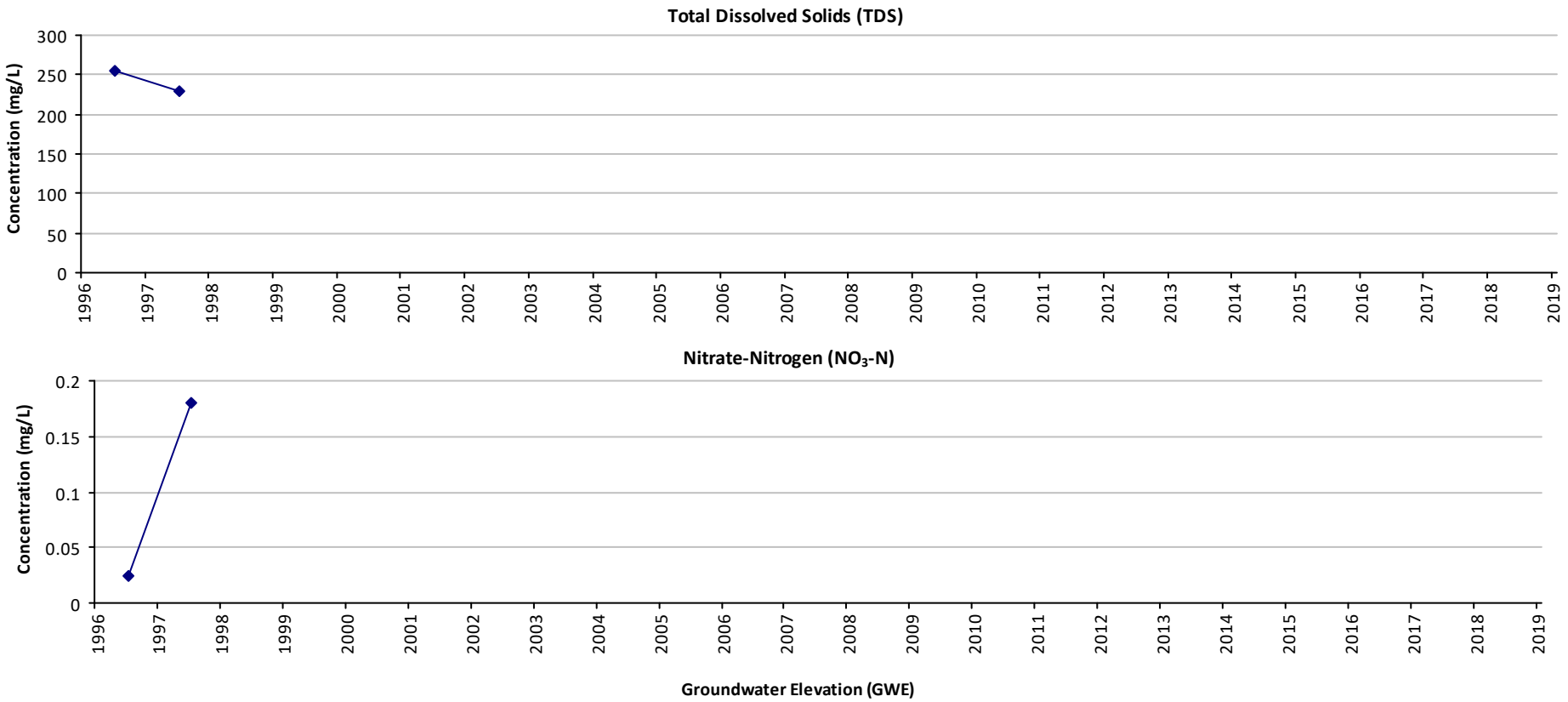
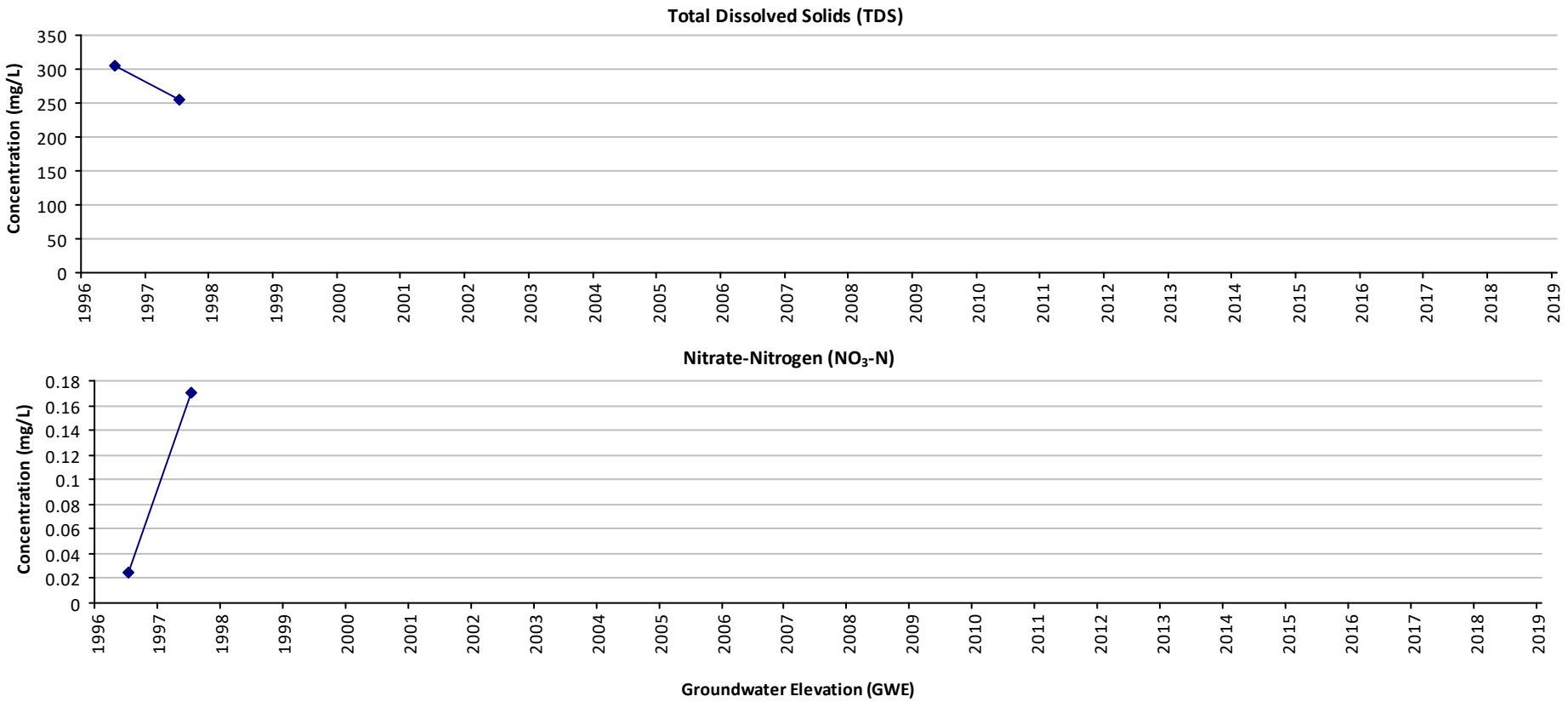
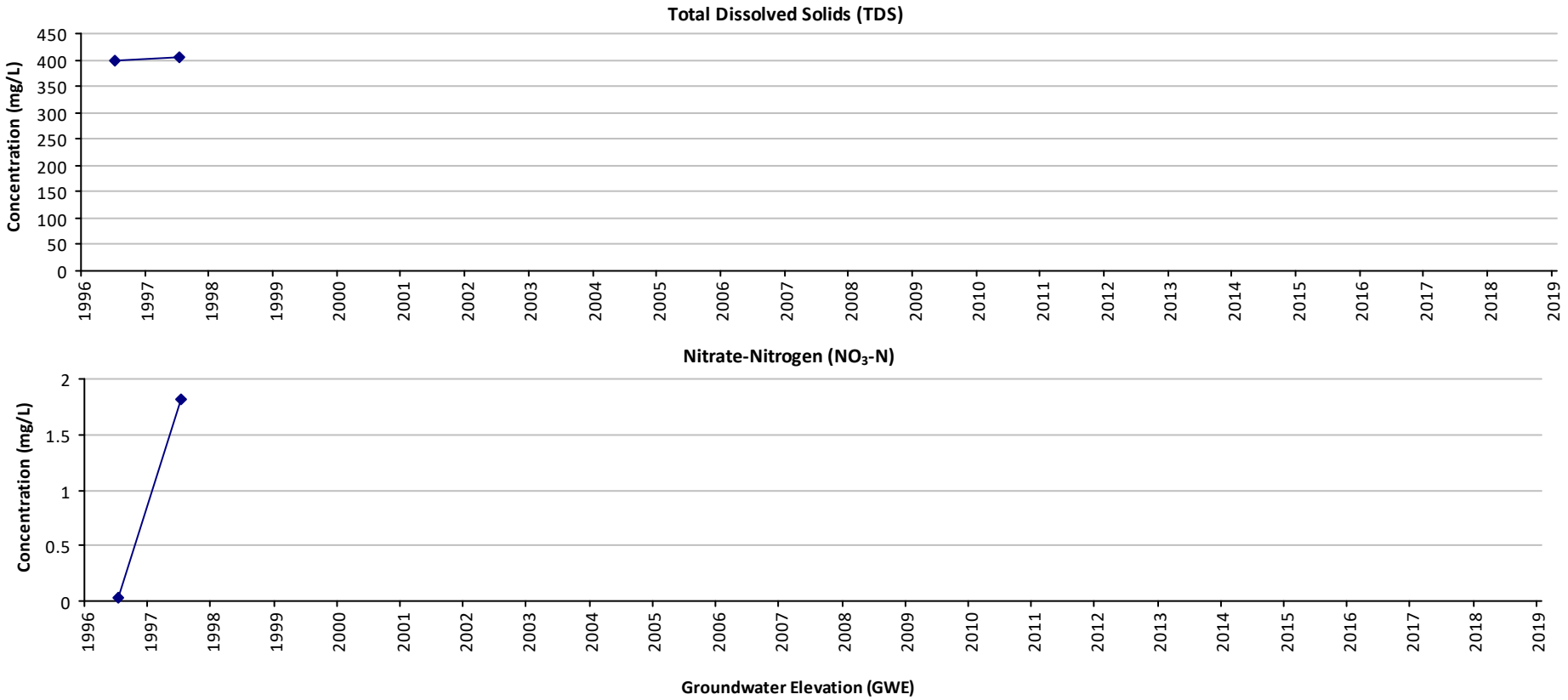
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
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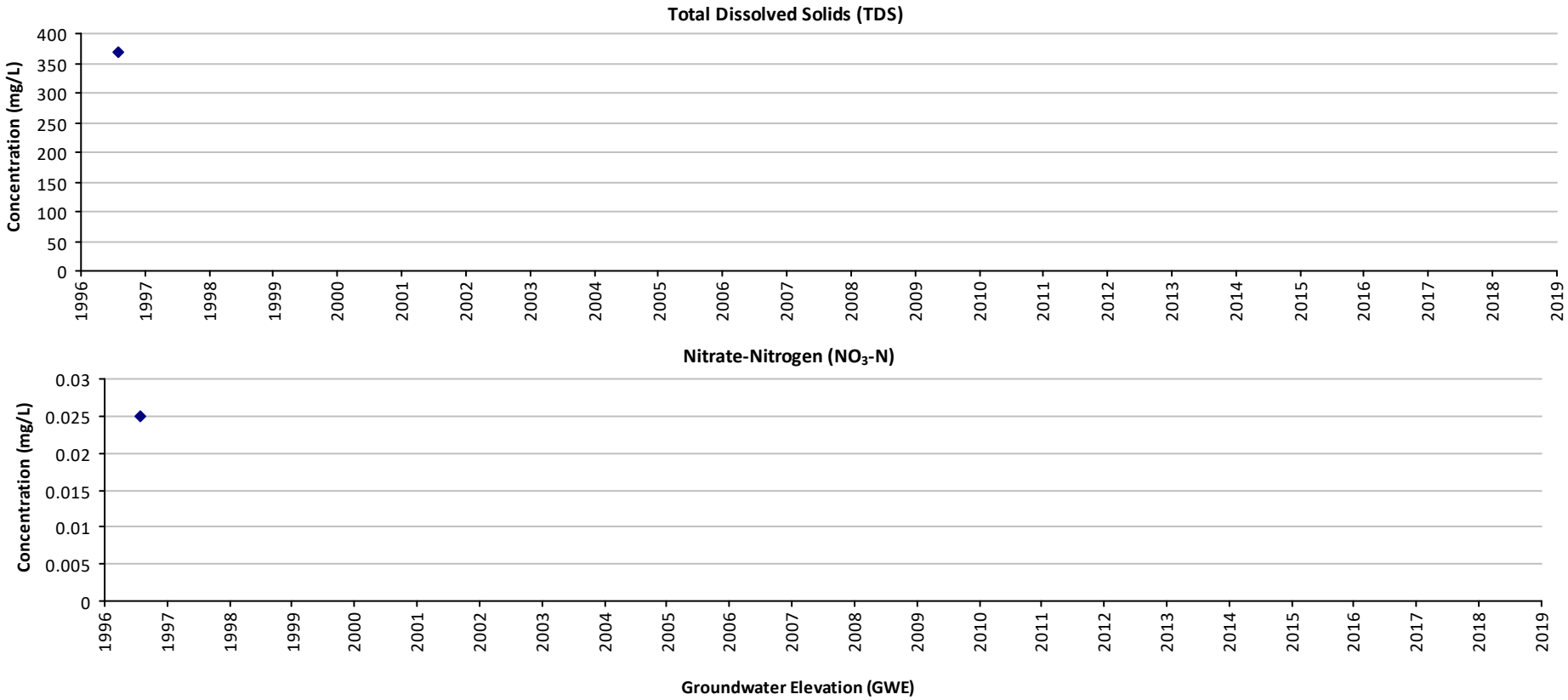
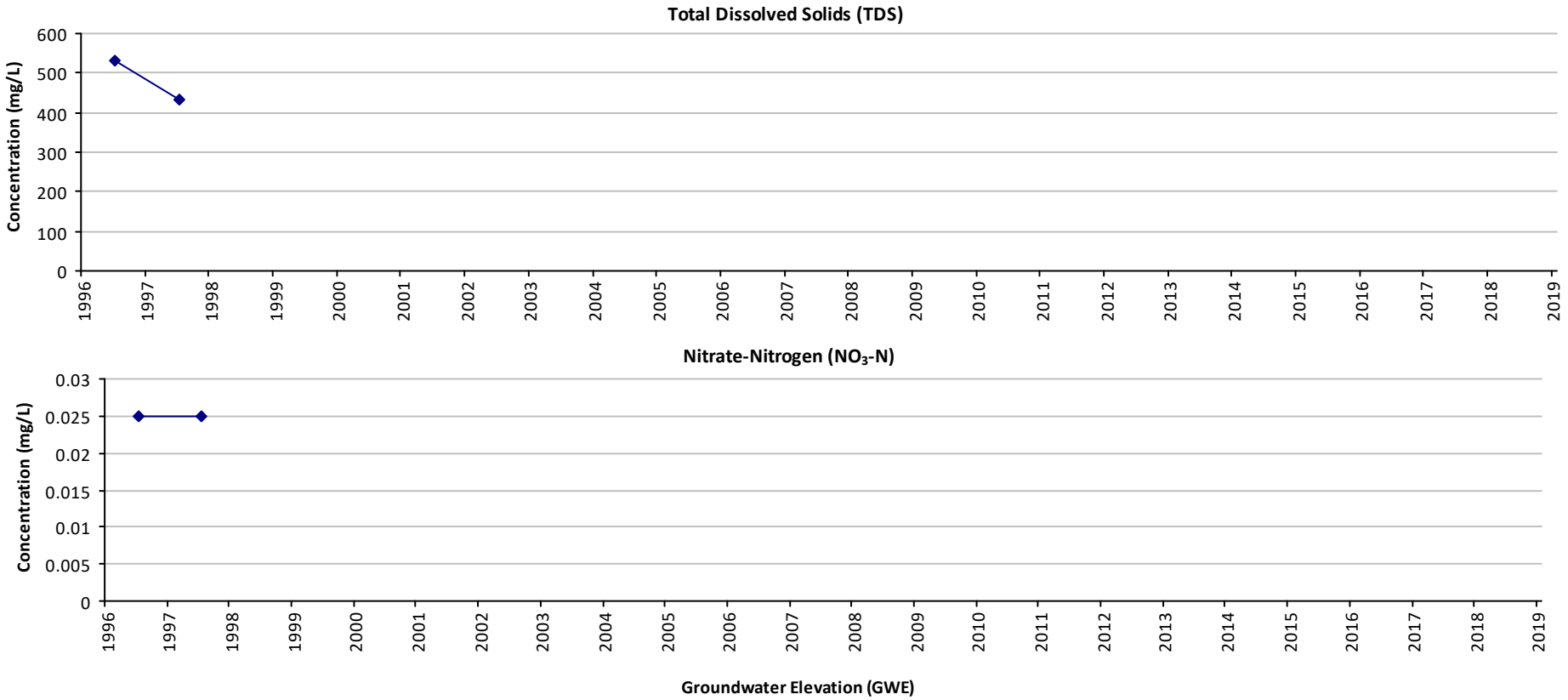
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
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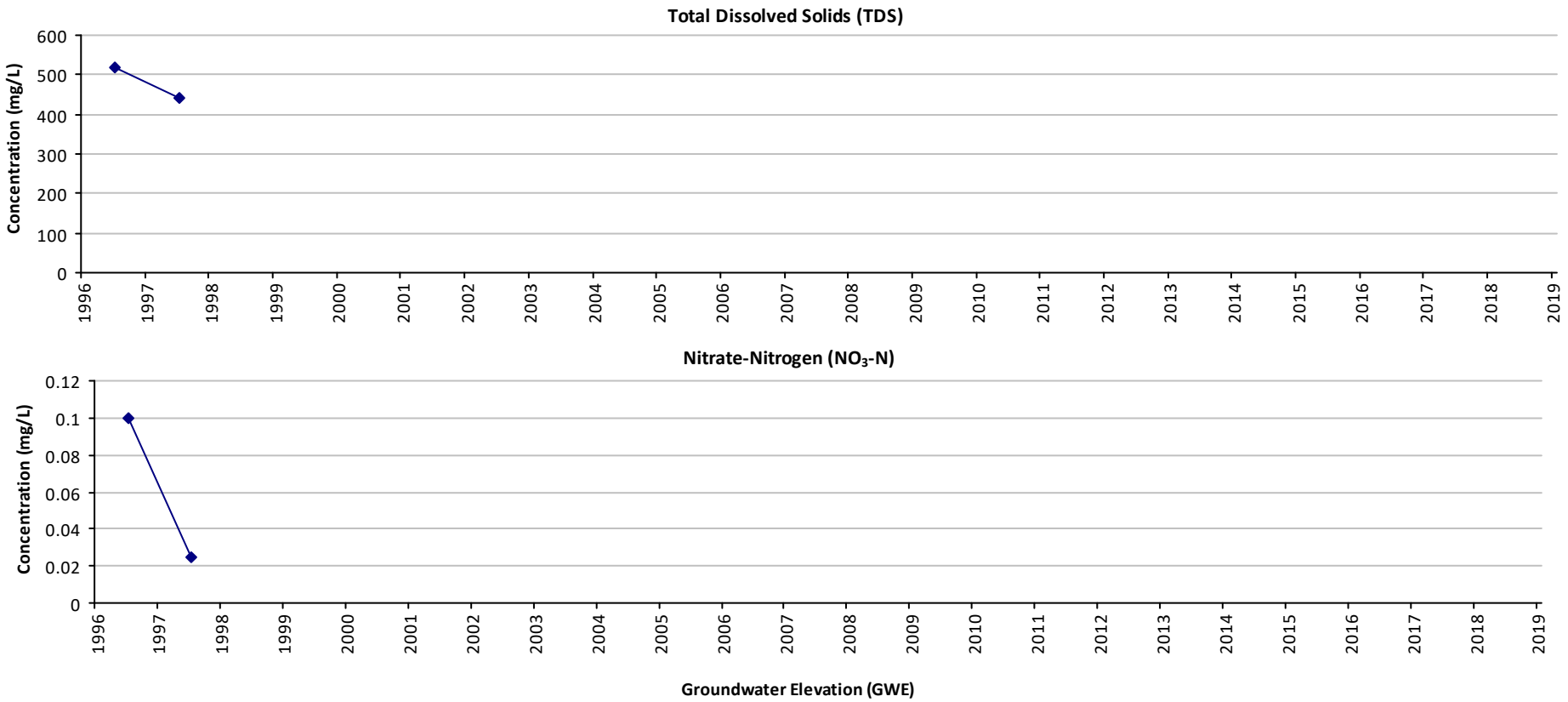
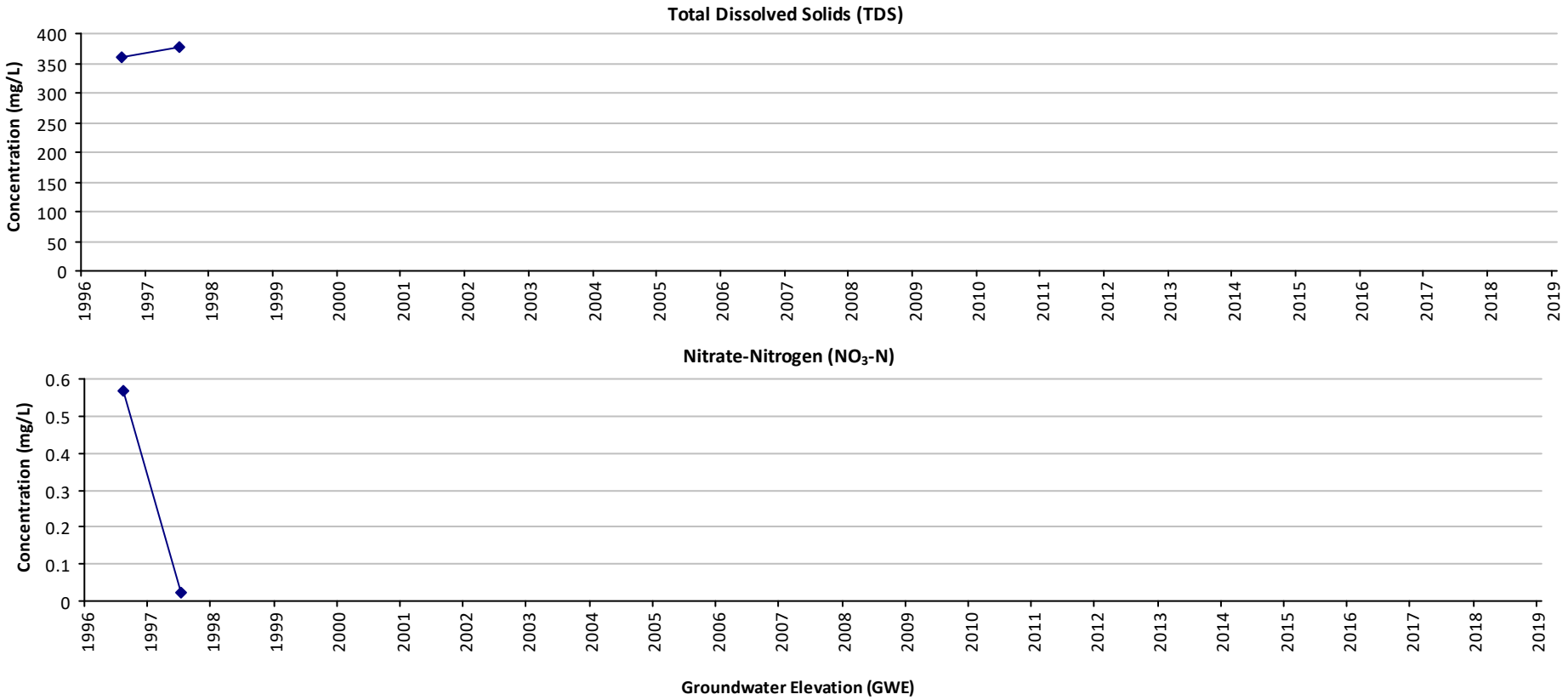
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
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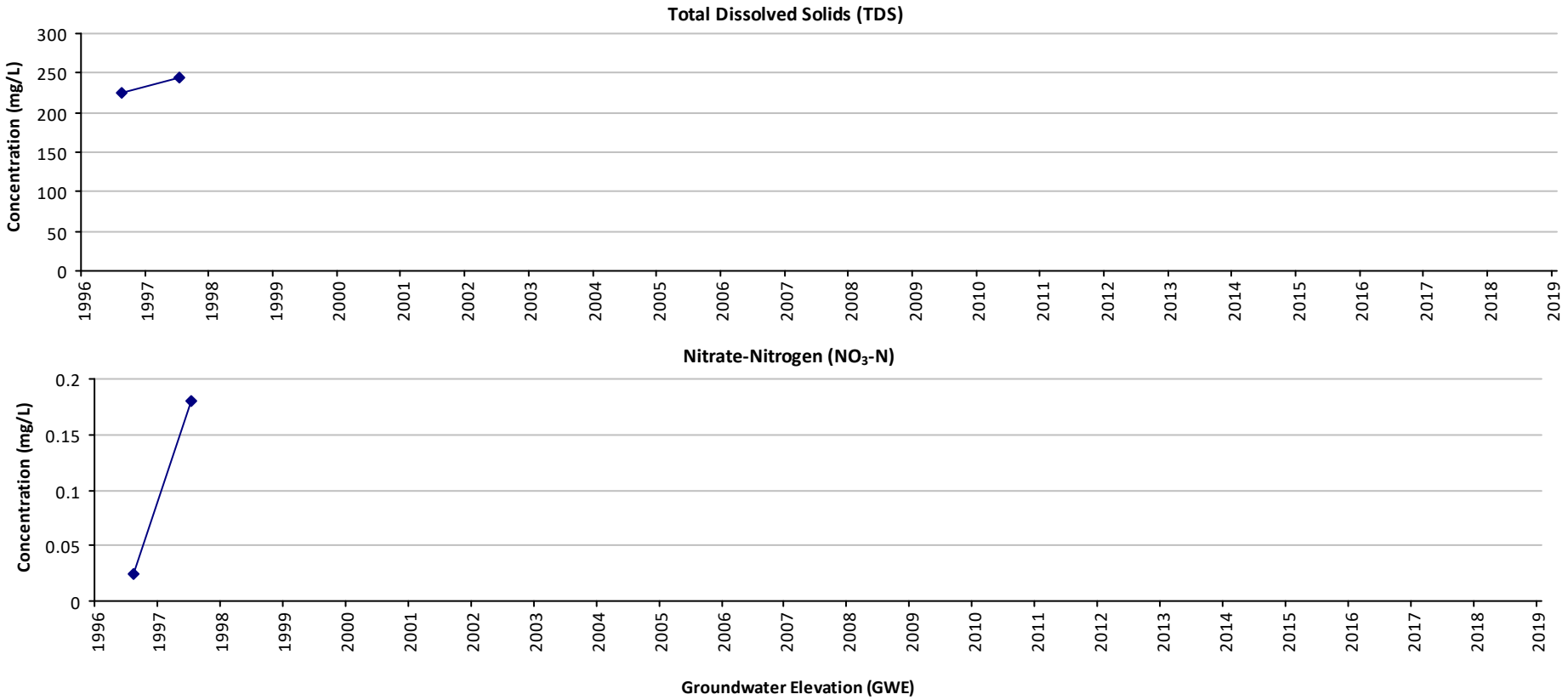
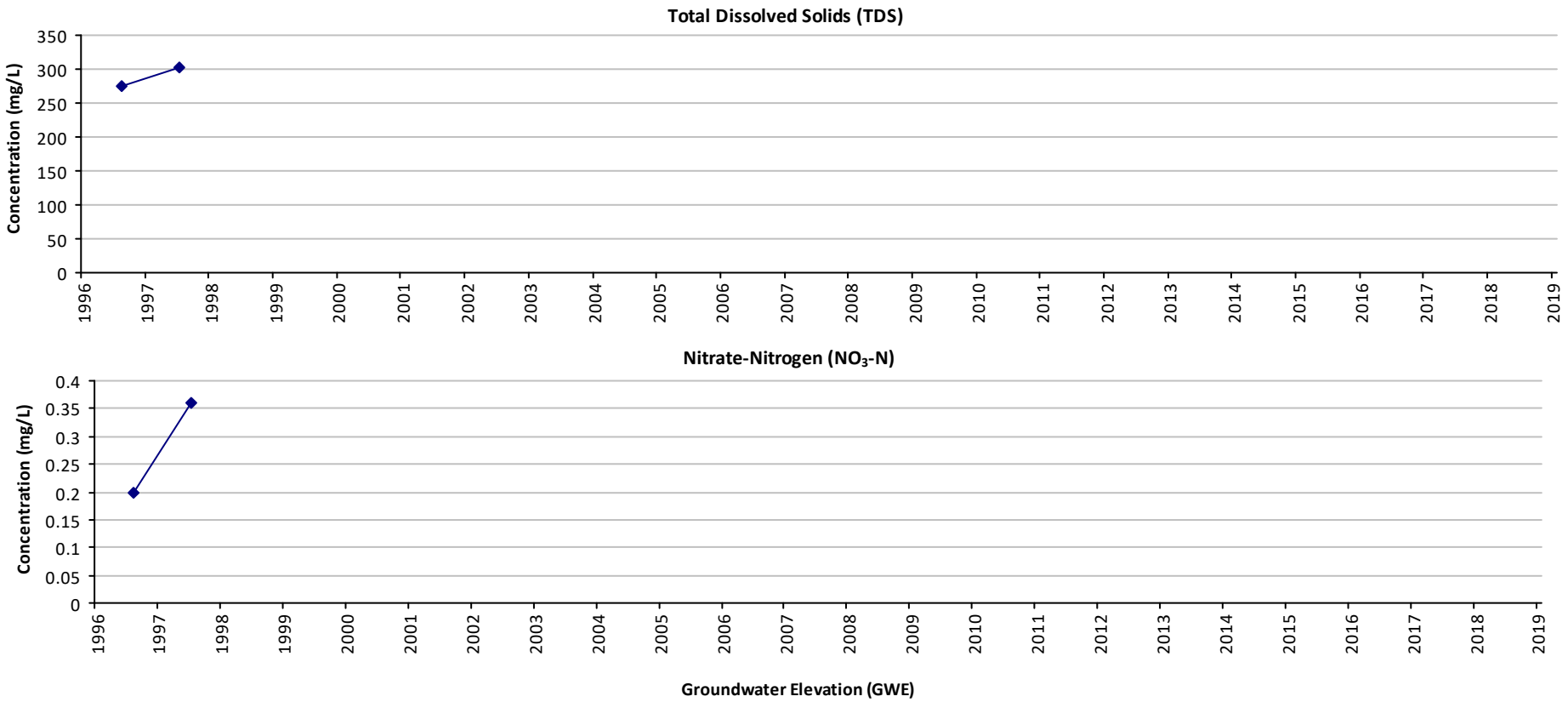
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
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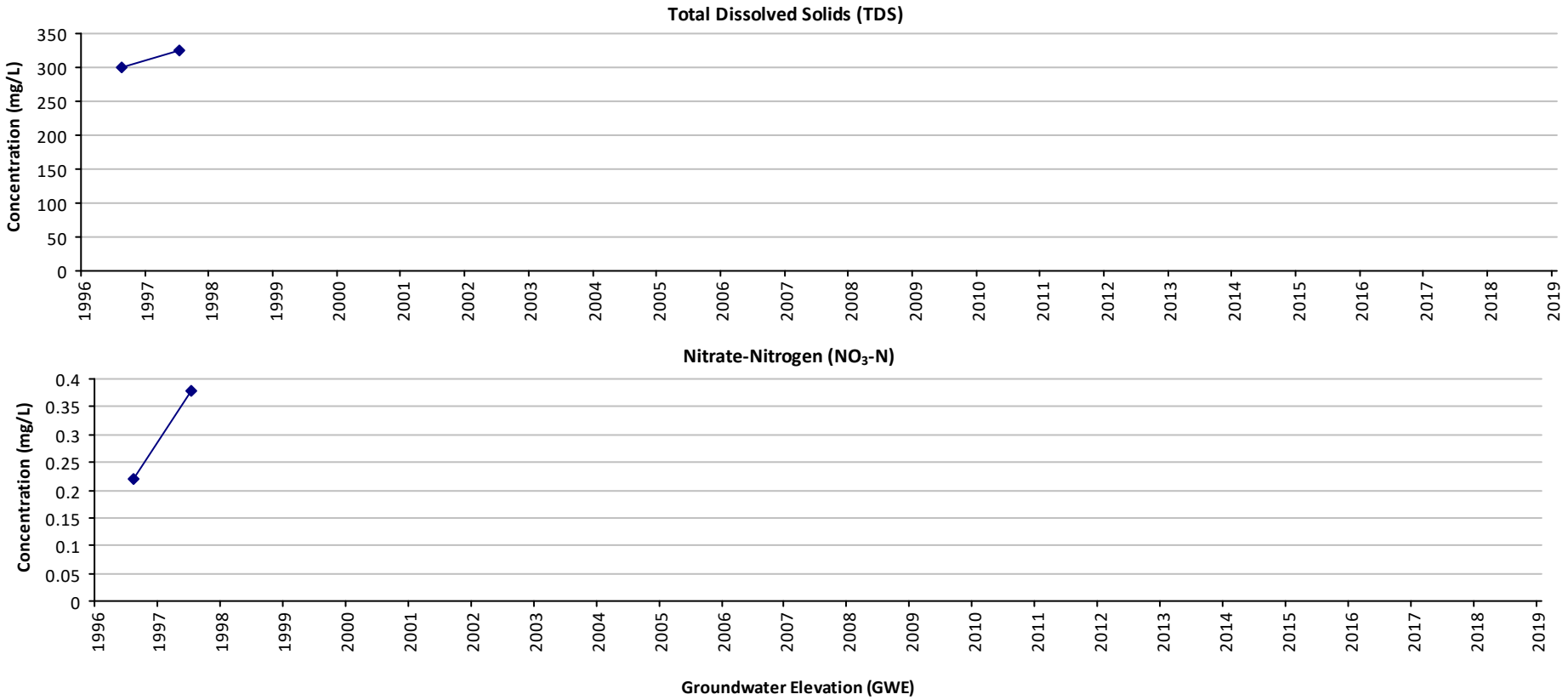
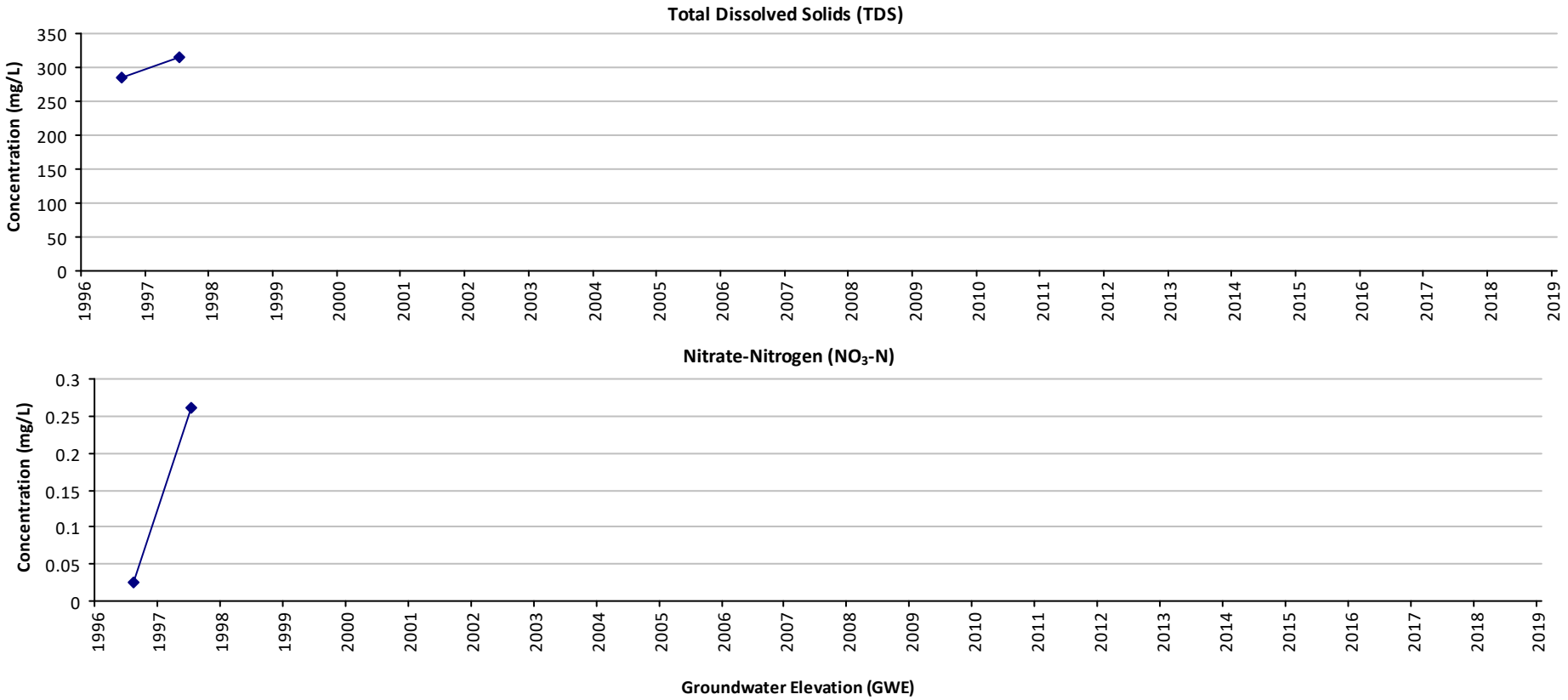
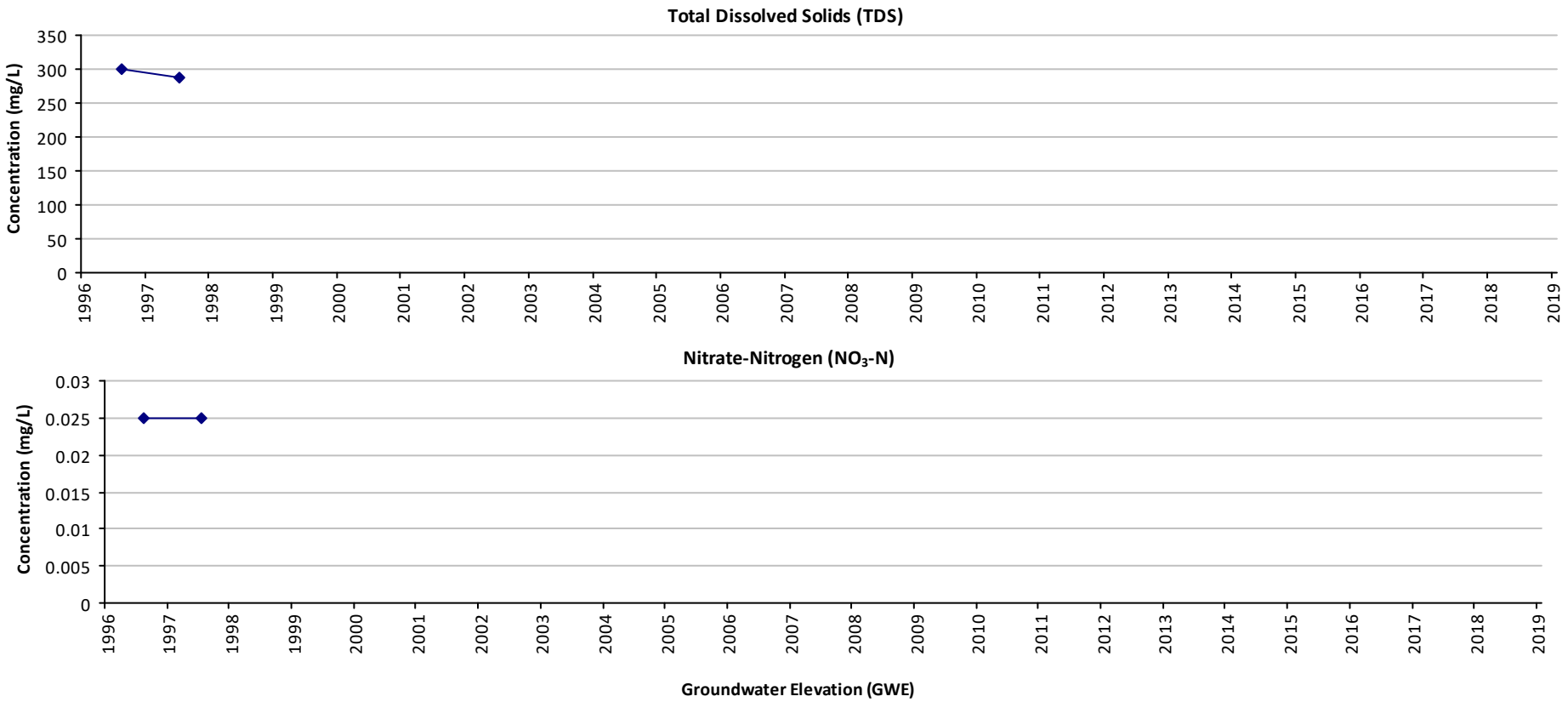
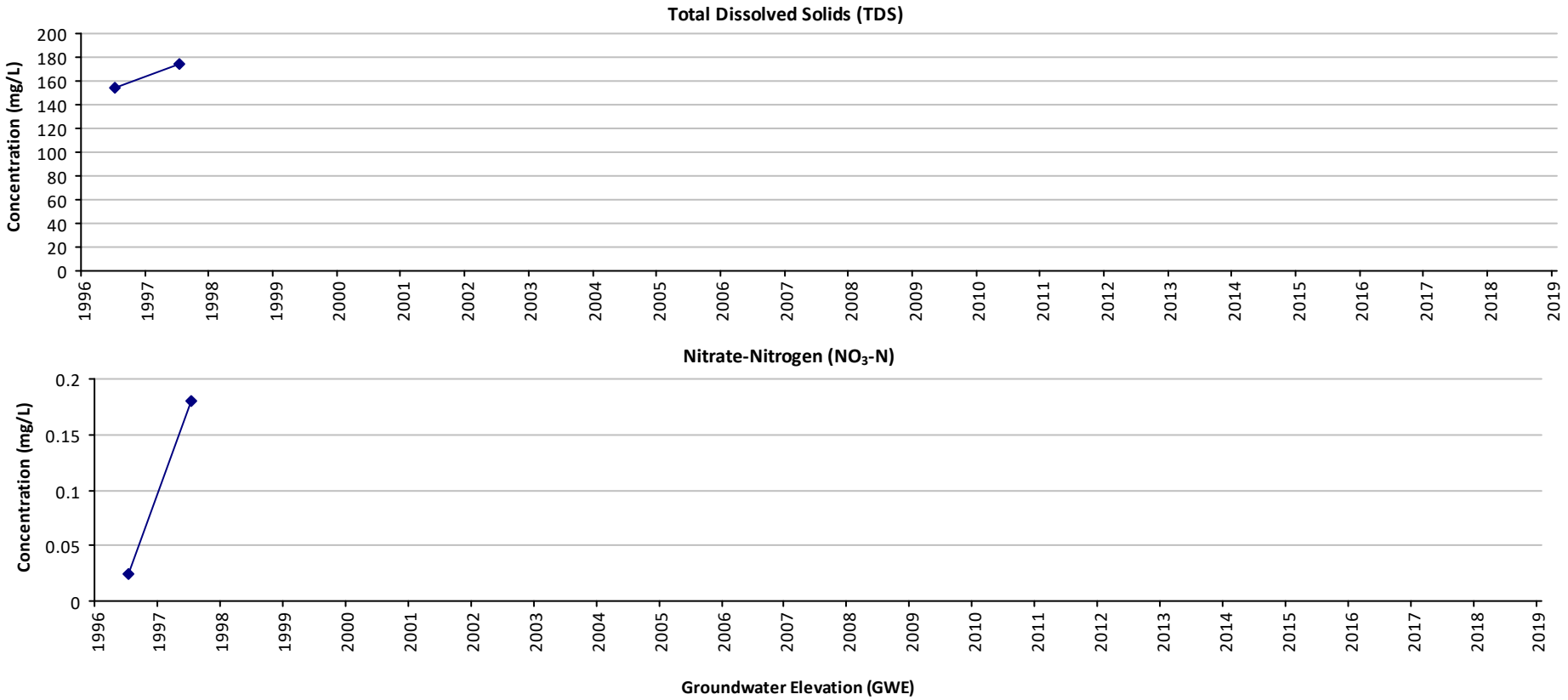
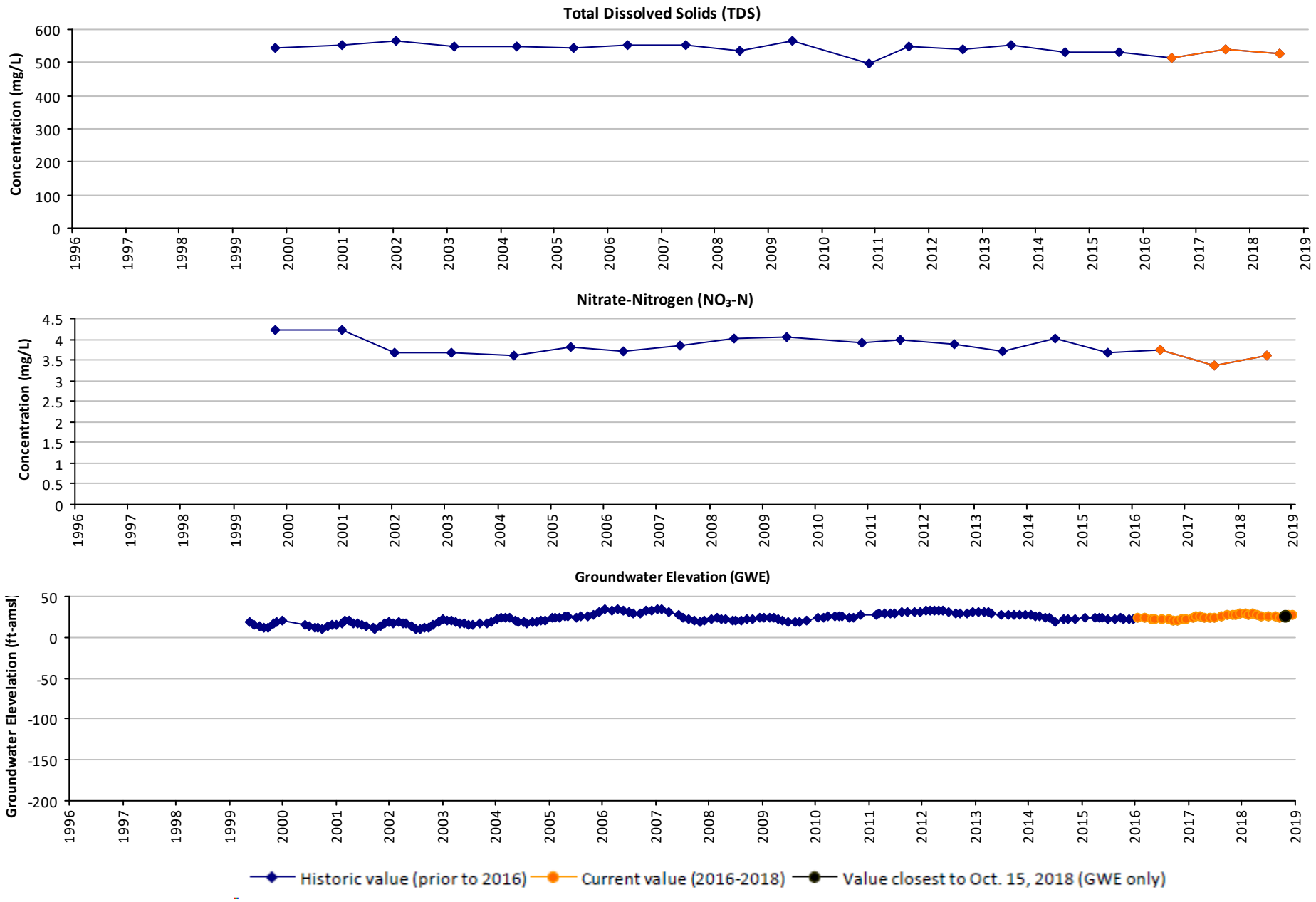
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

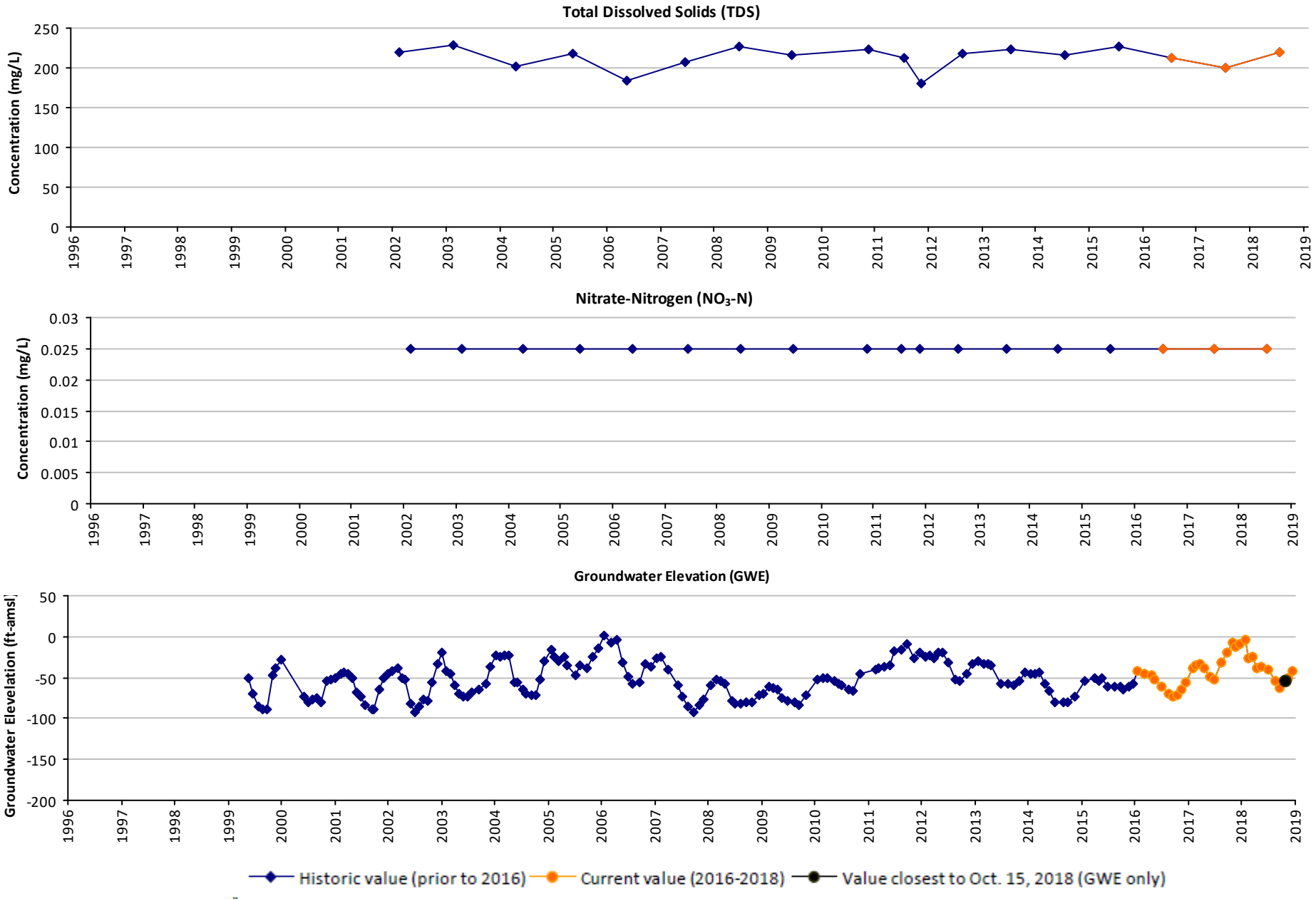

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

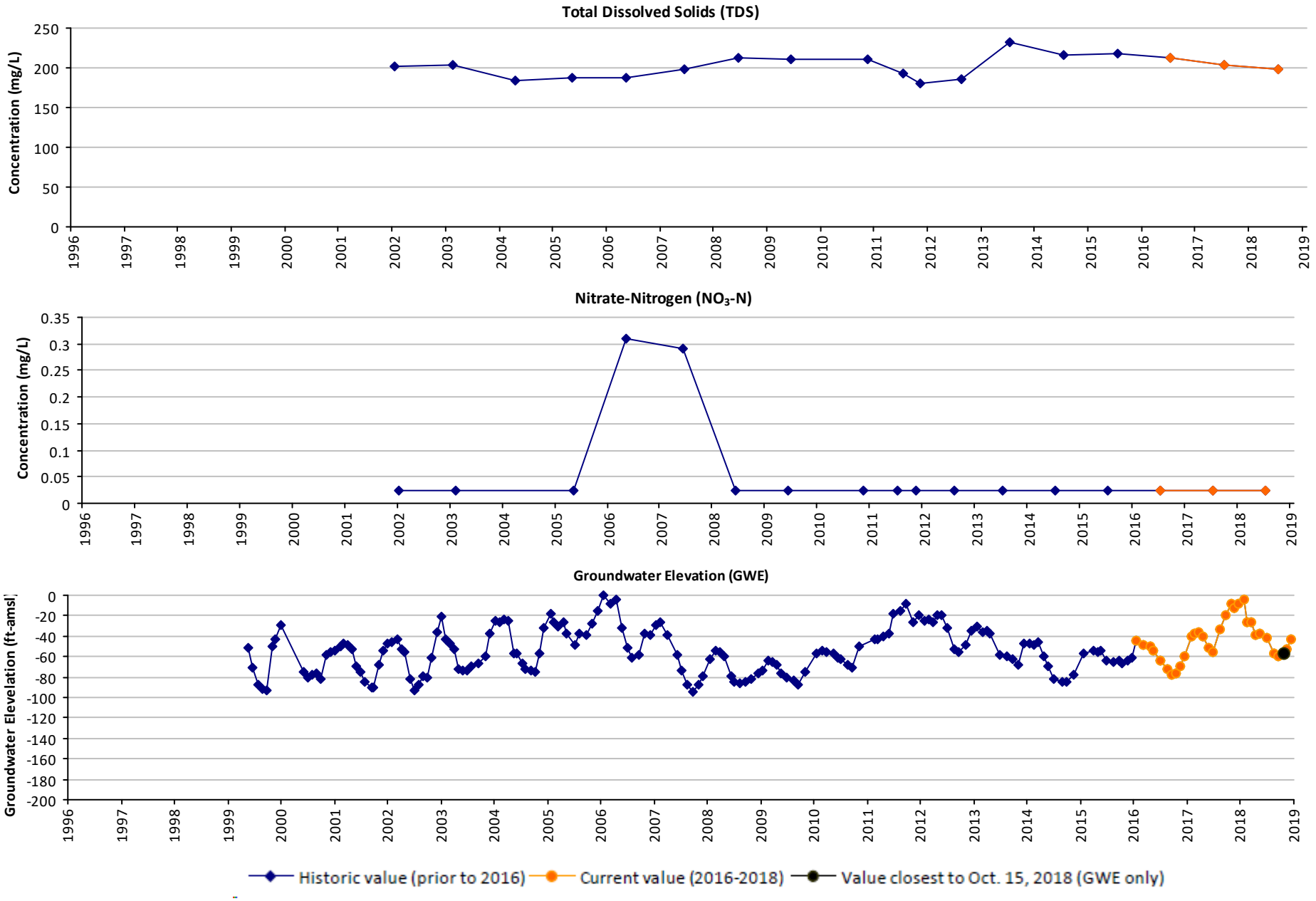

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

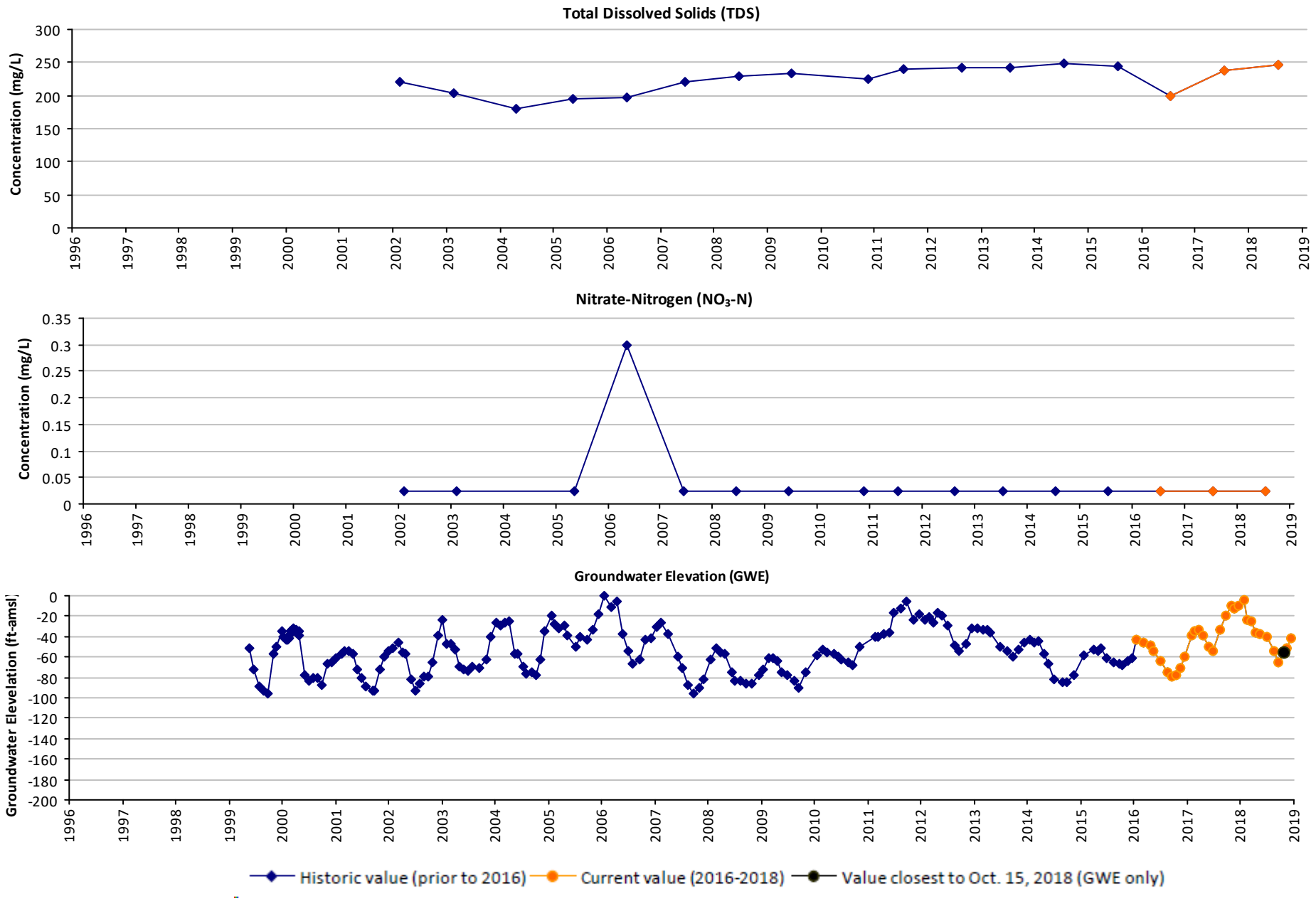

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

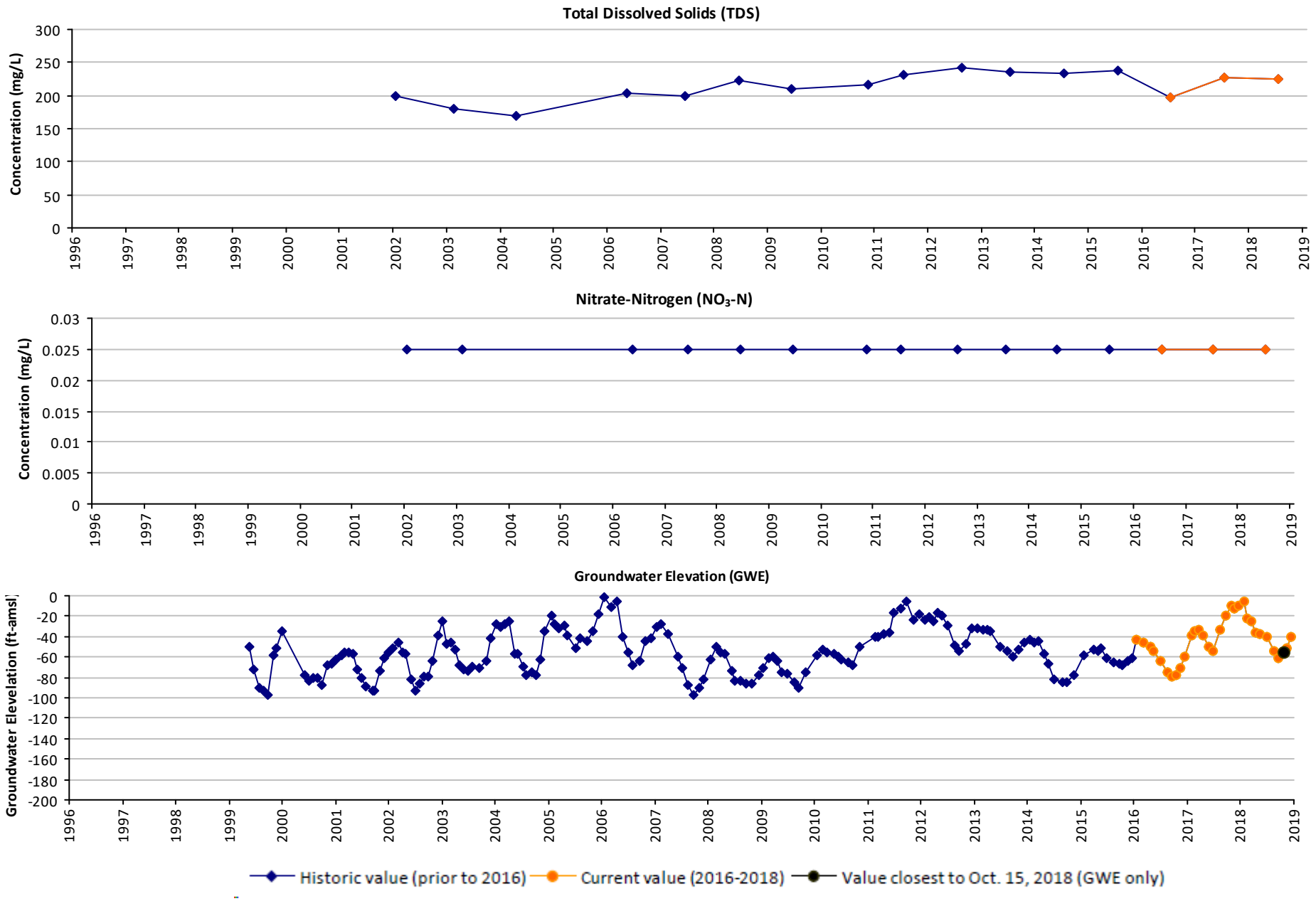

Total Dissolved Solids (TDS)
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

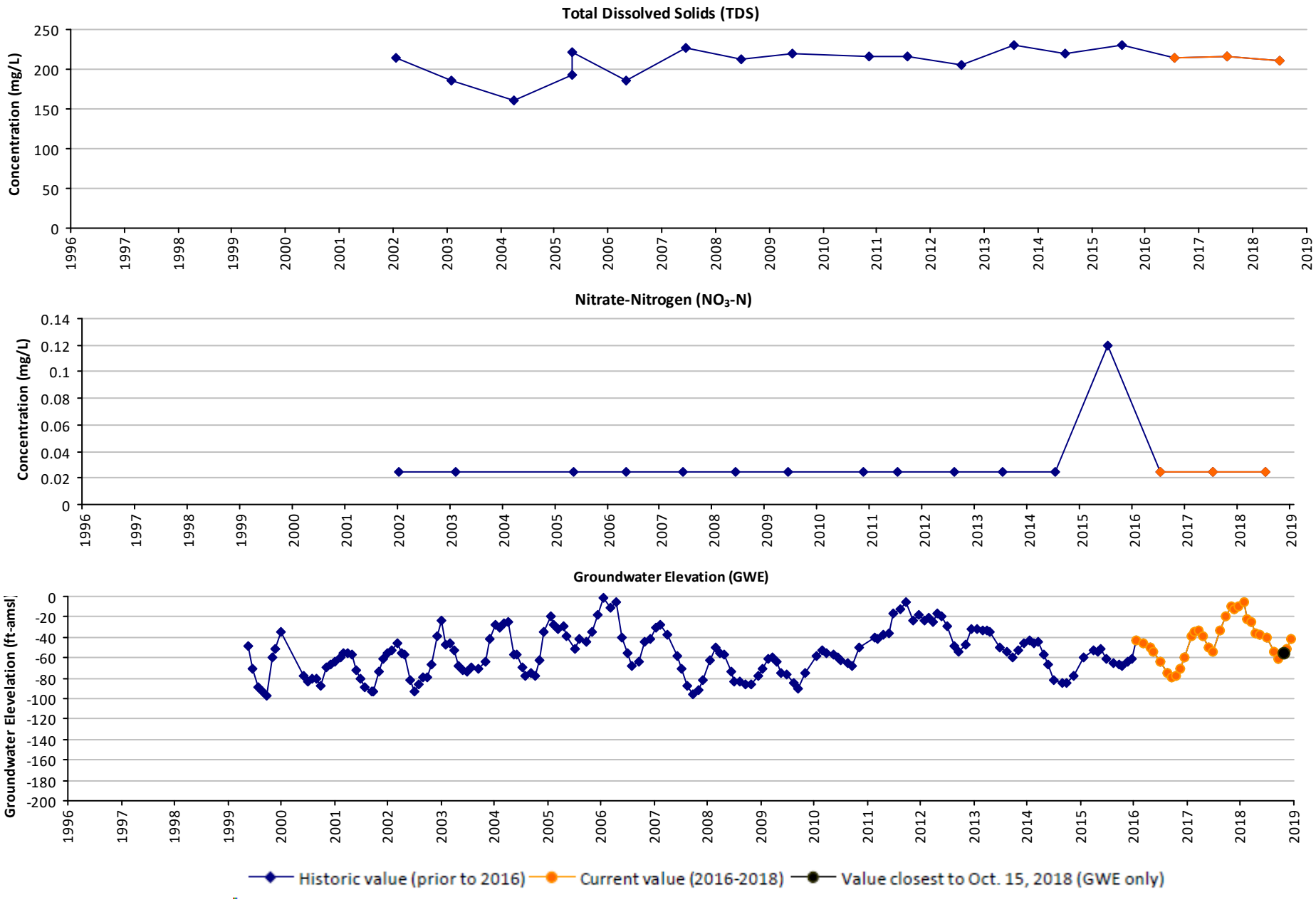

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

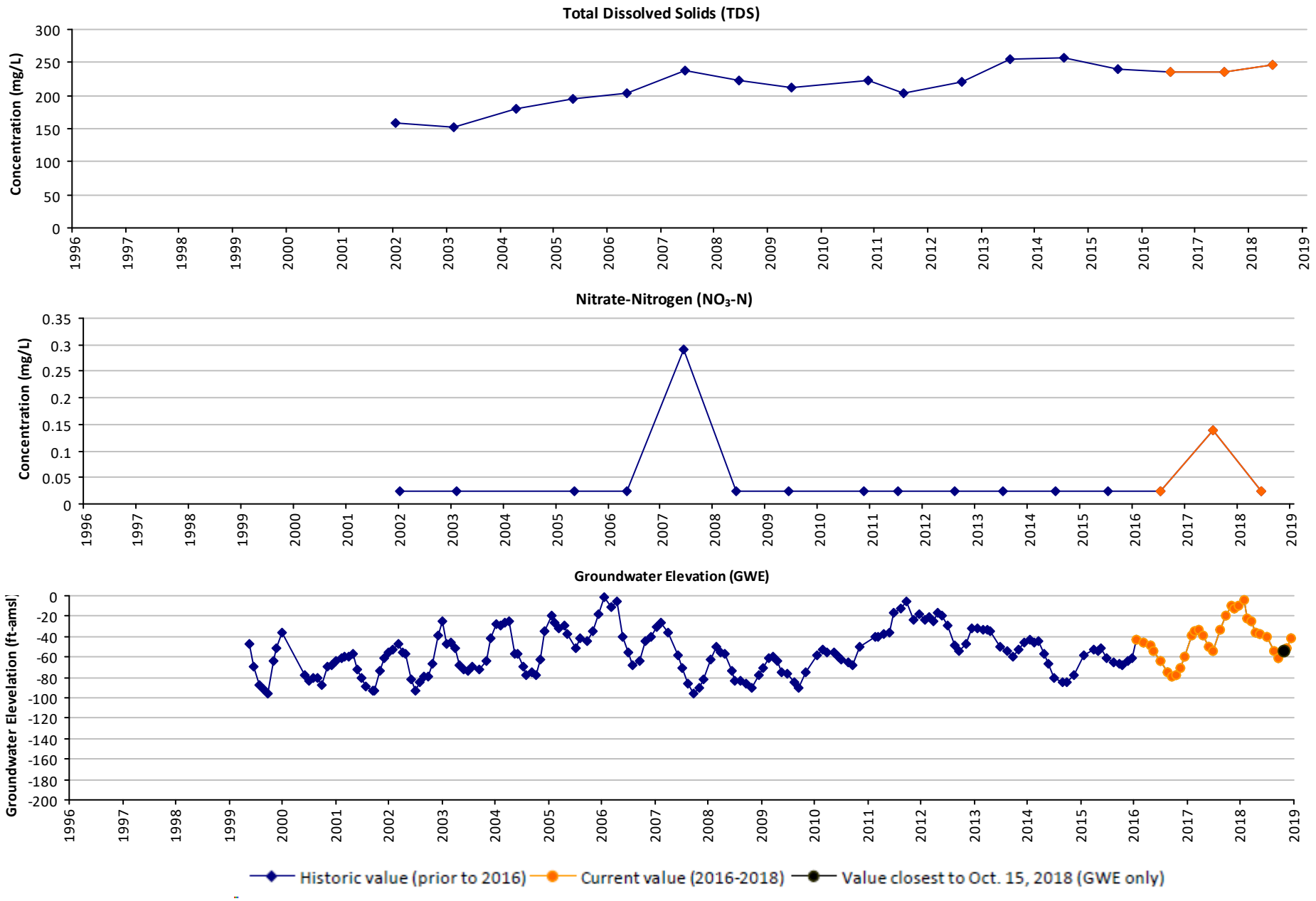

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

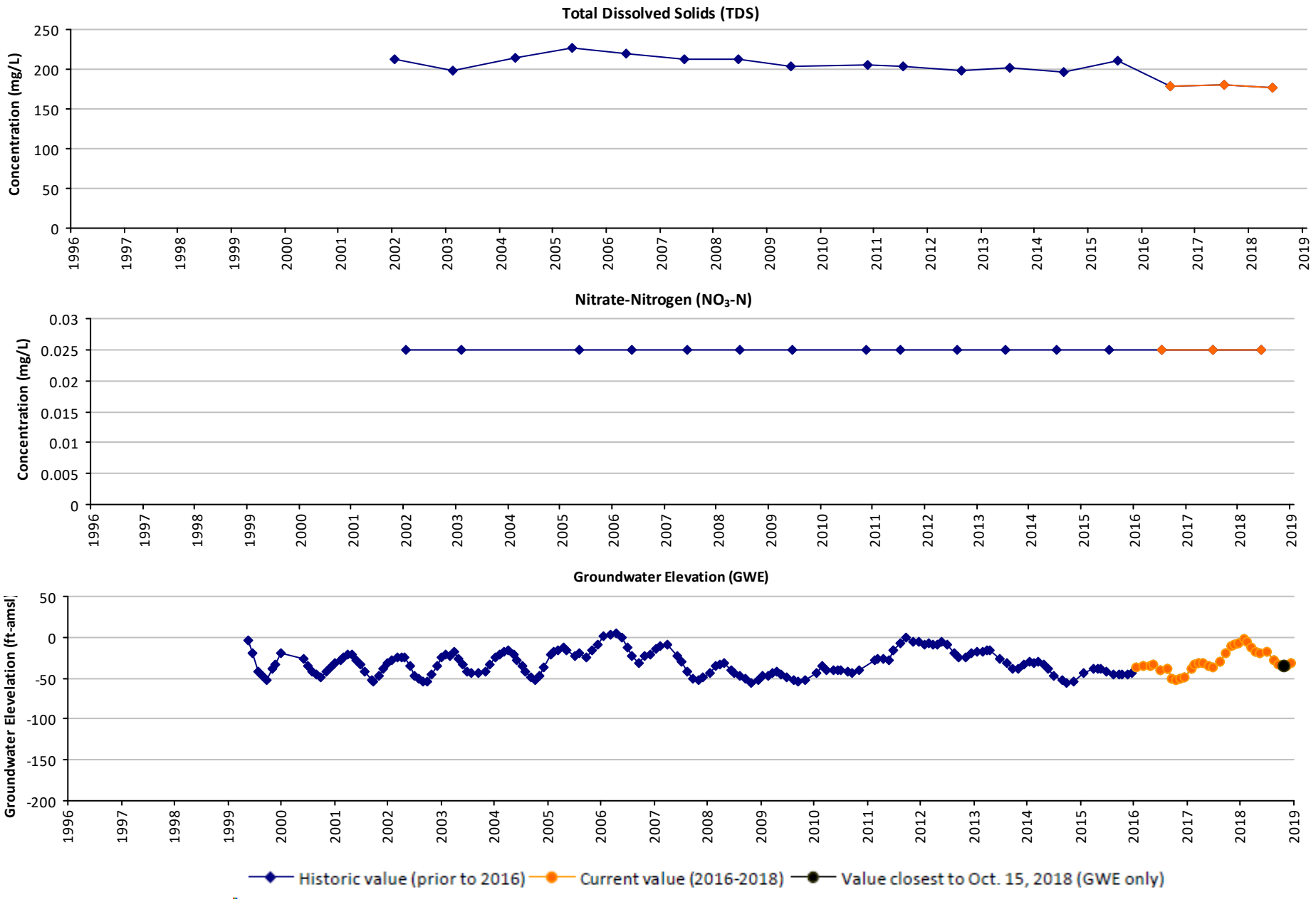

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

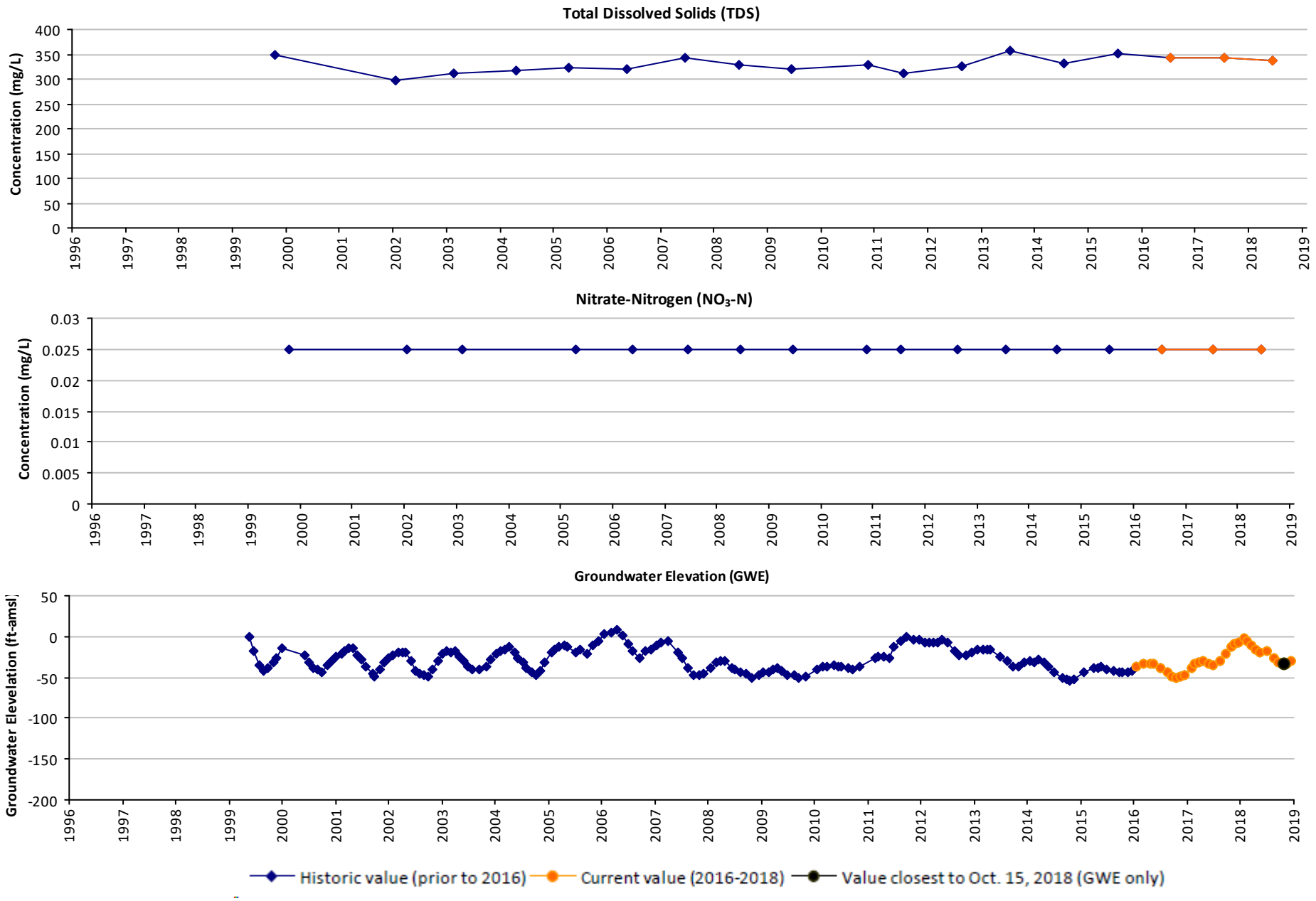

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

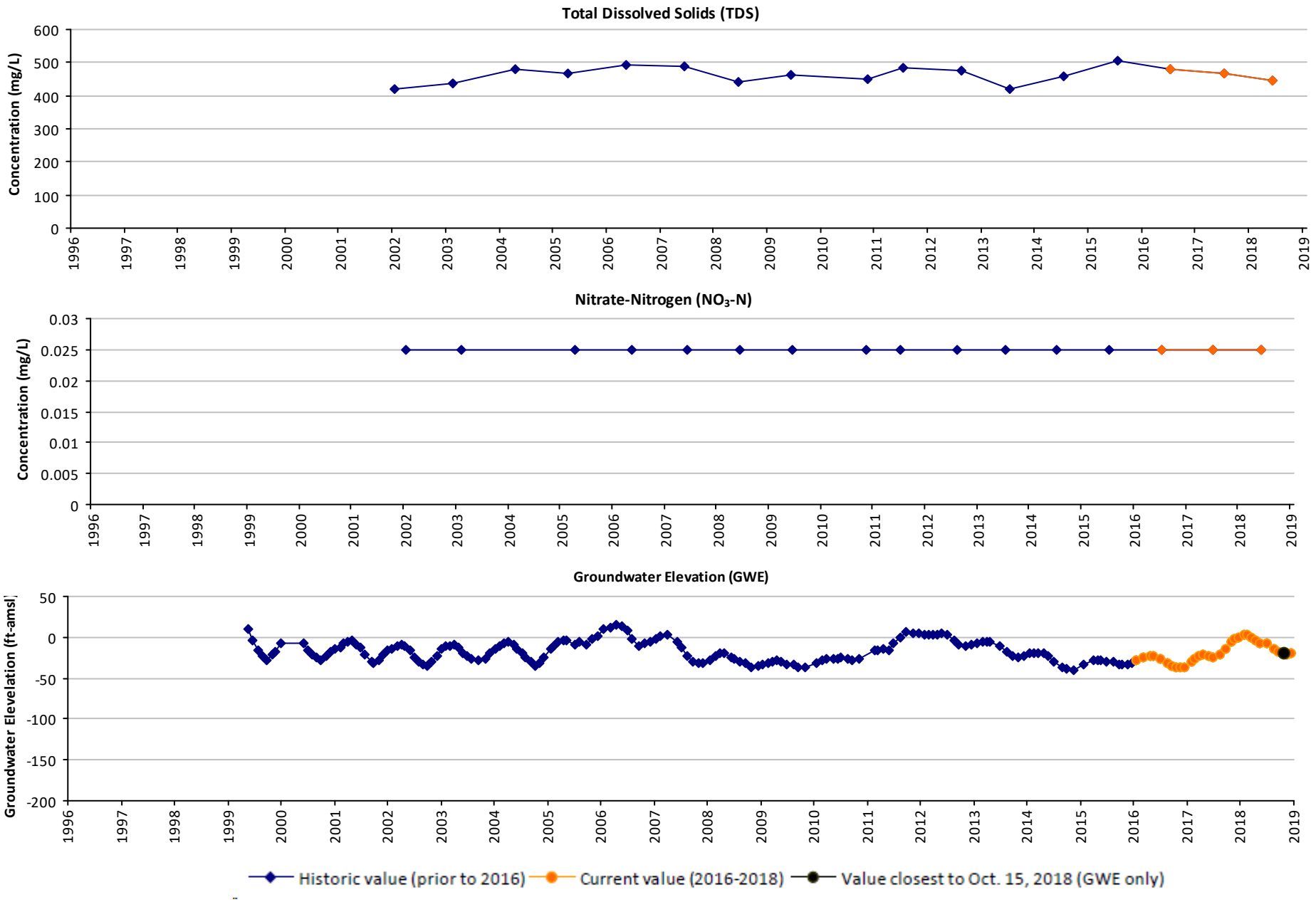

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

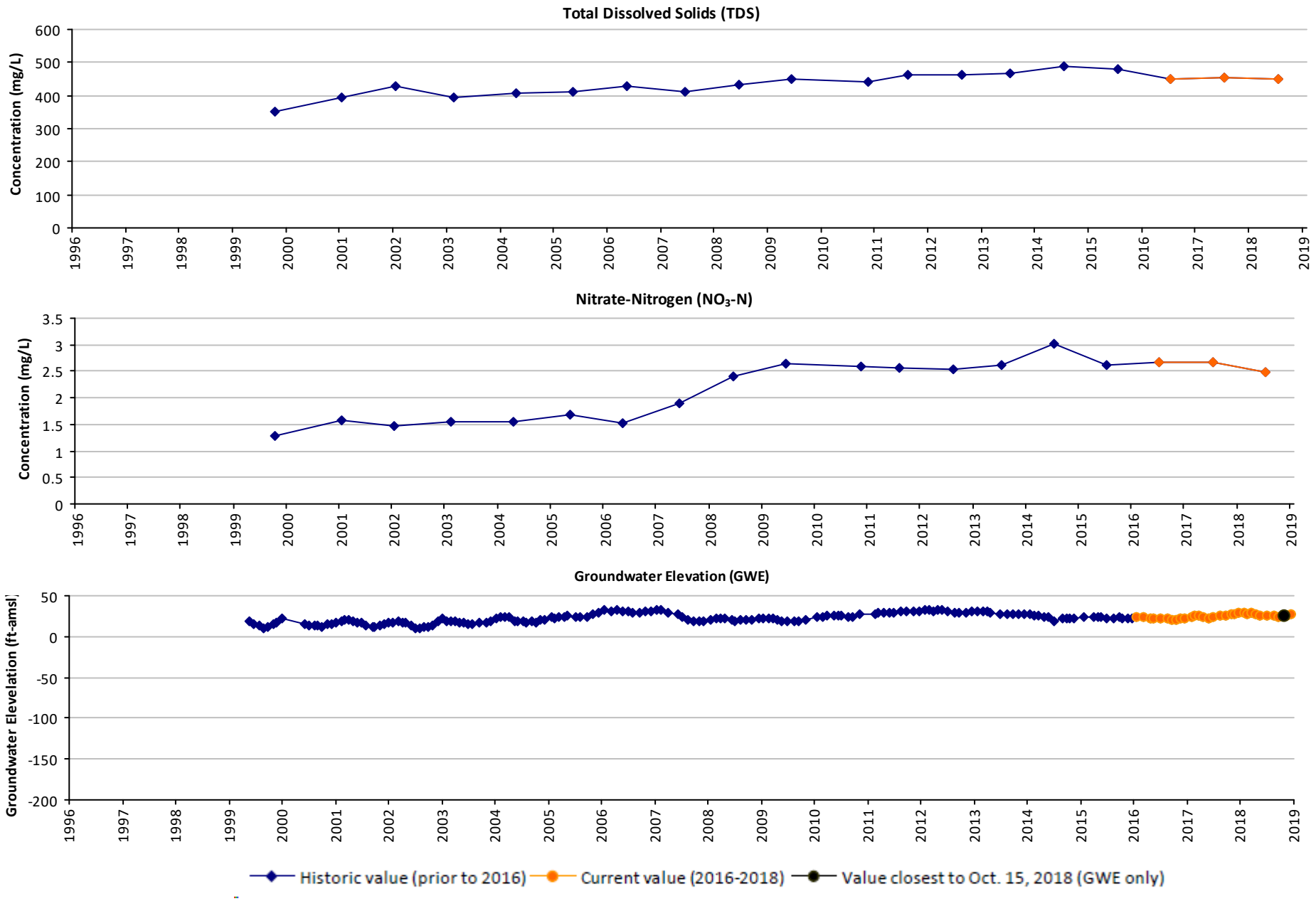

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

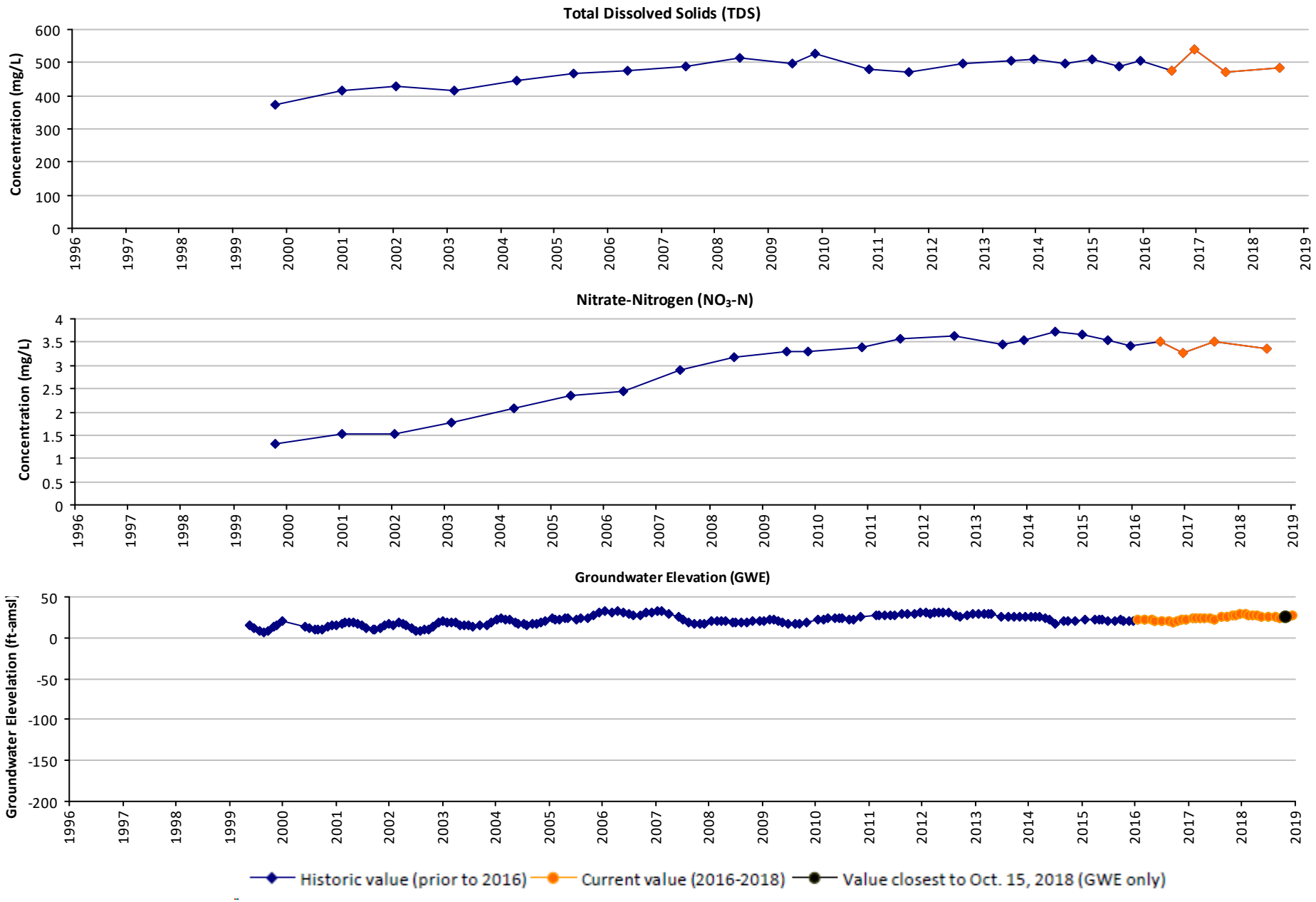

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

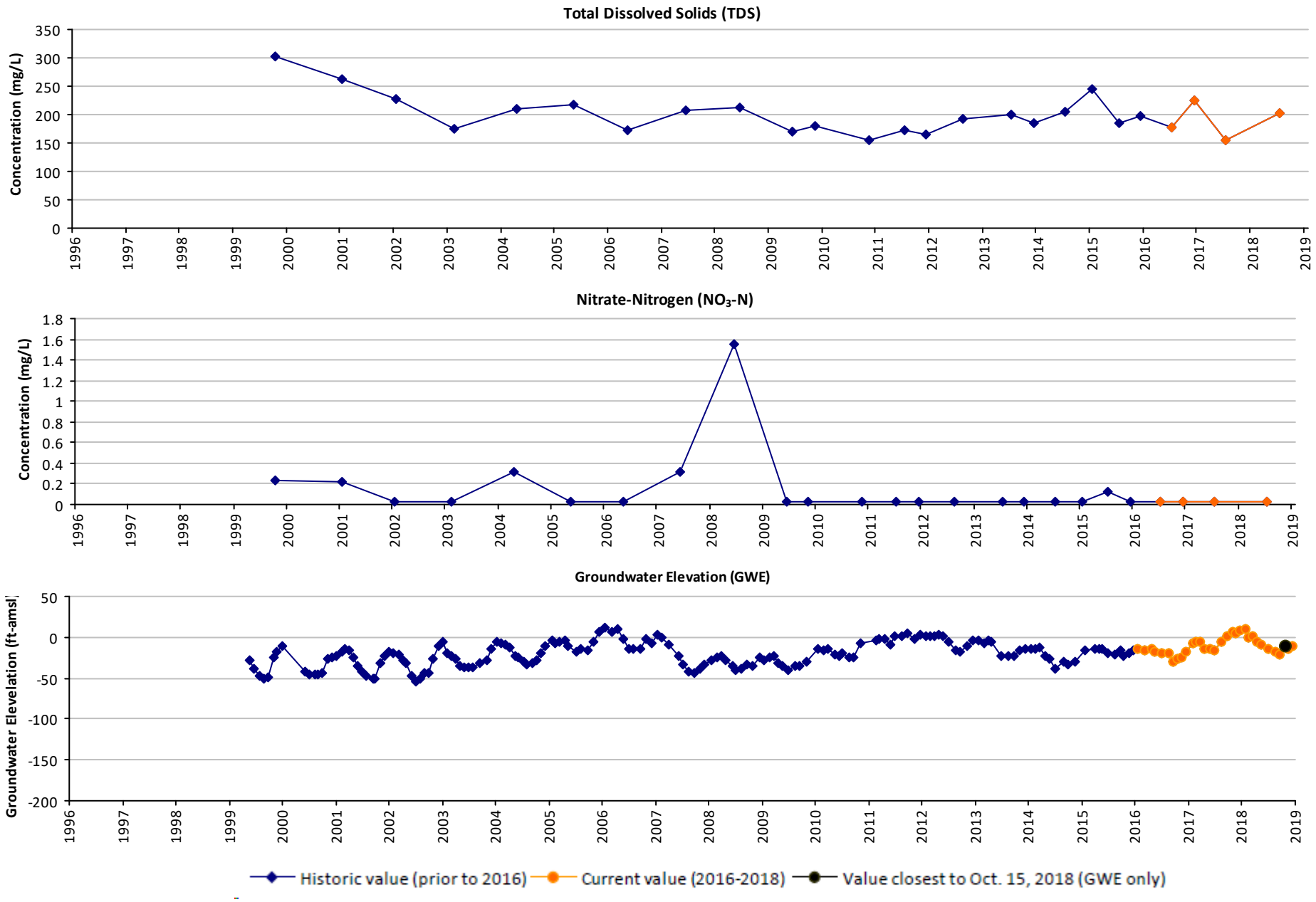

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

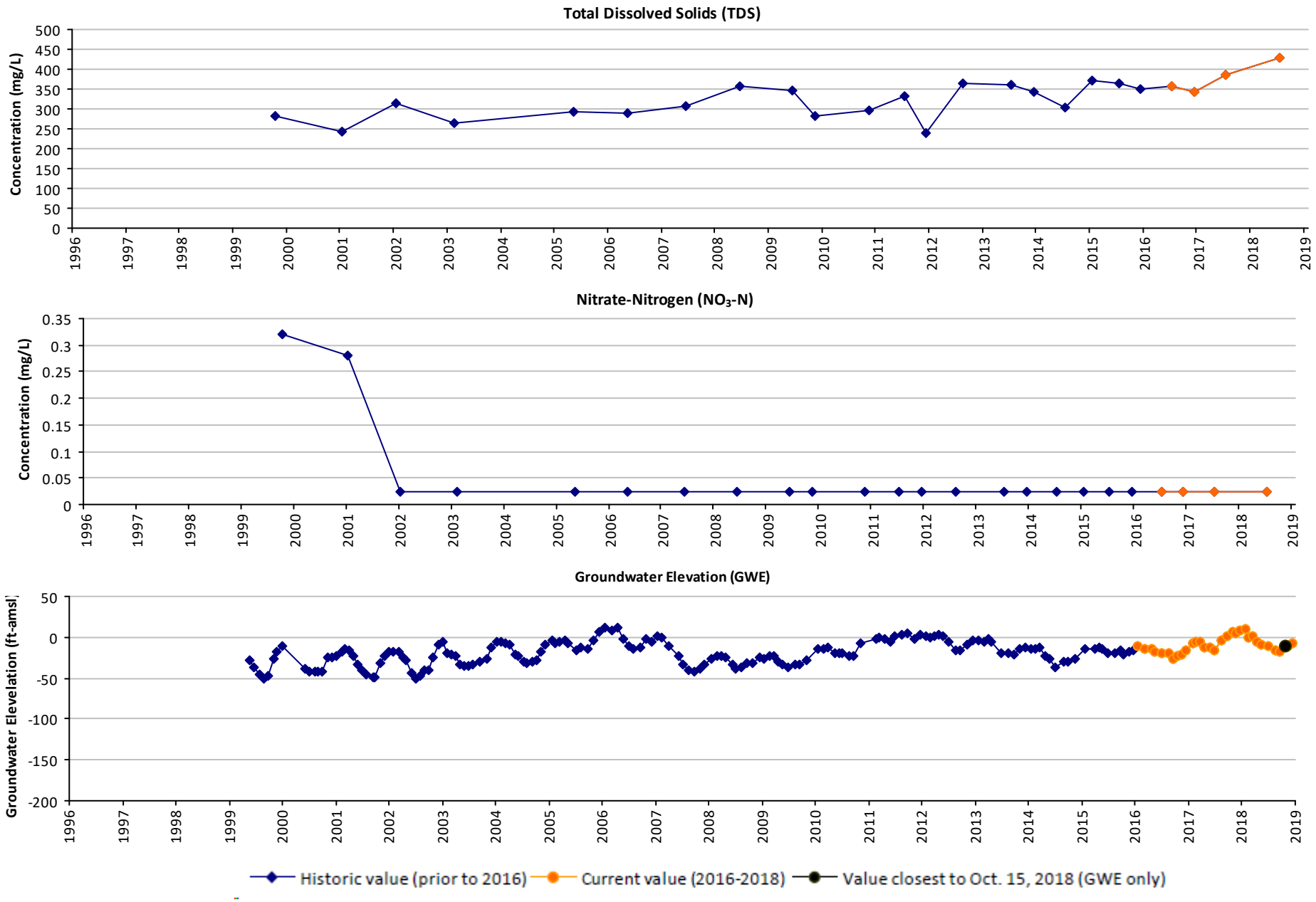

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

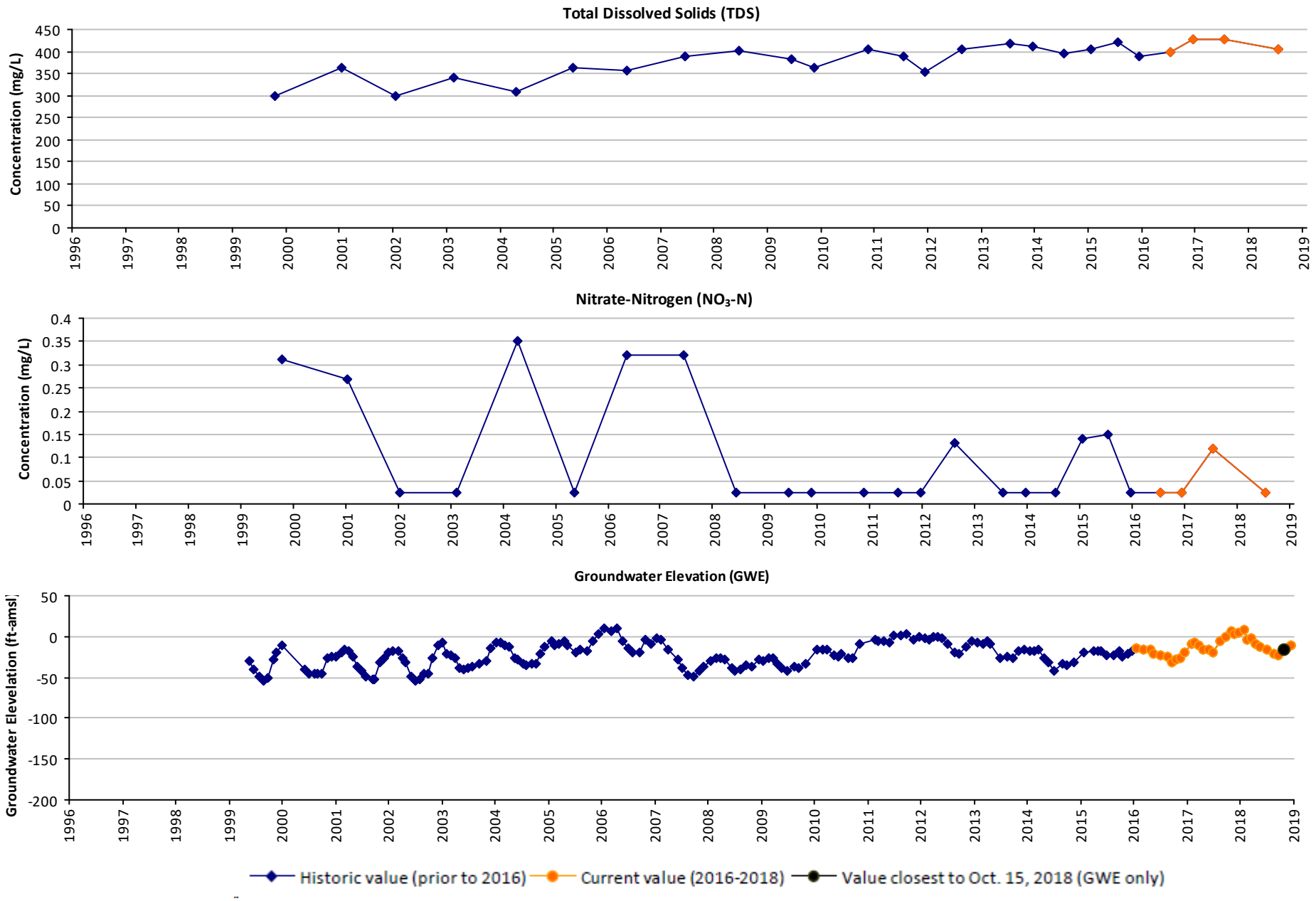

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

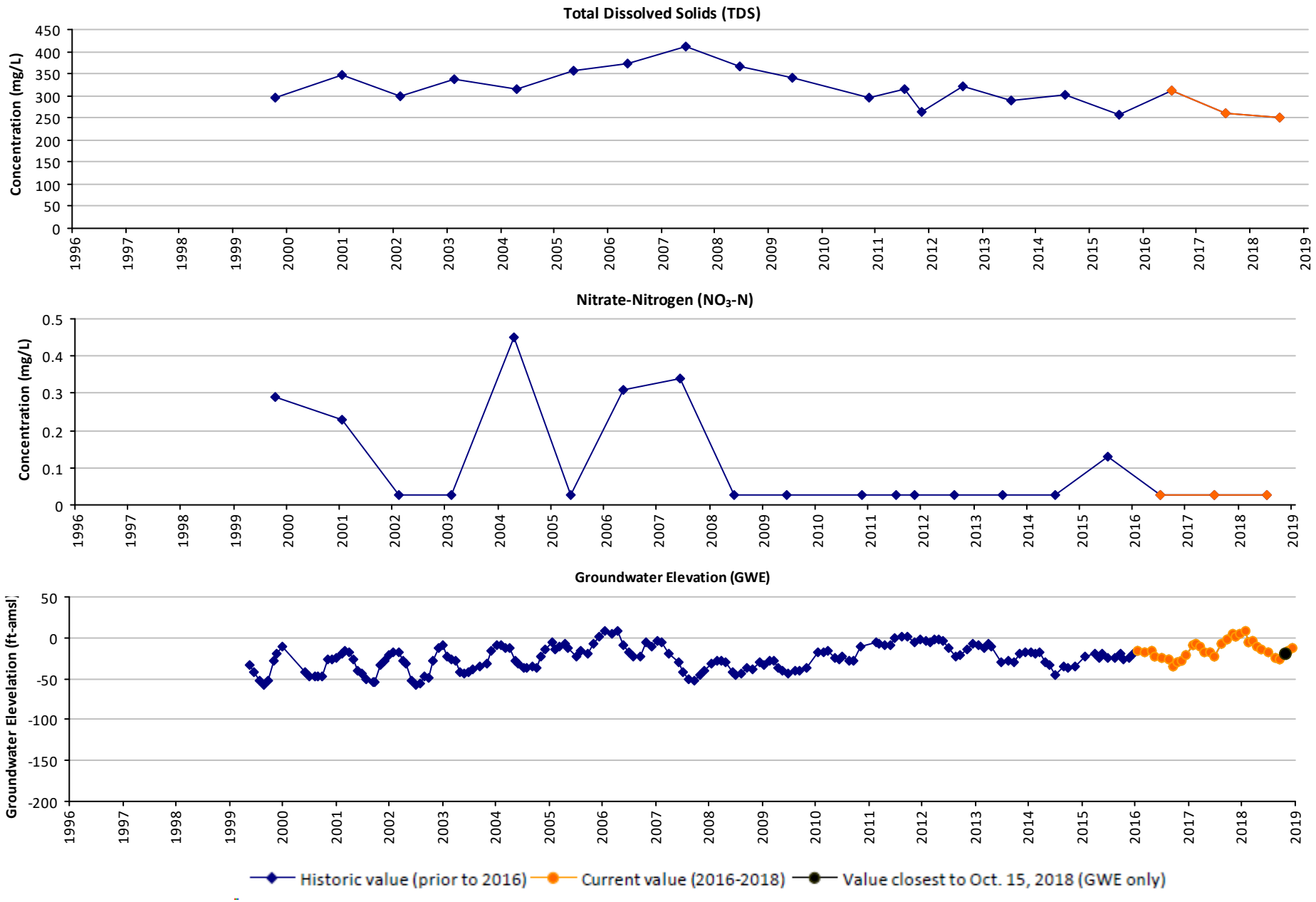

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

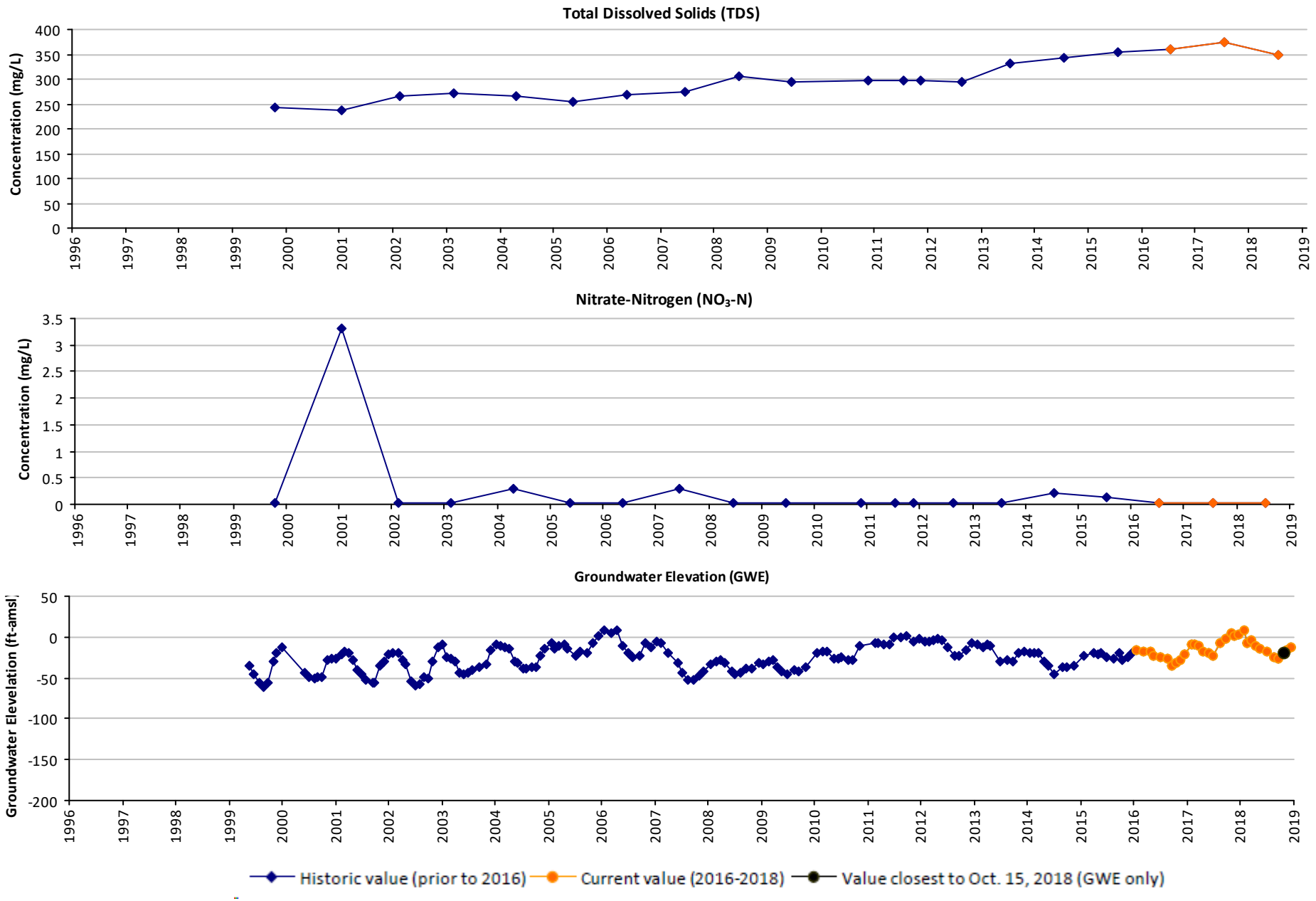

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

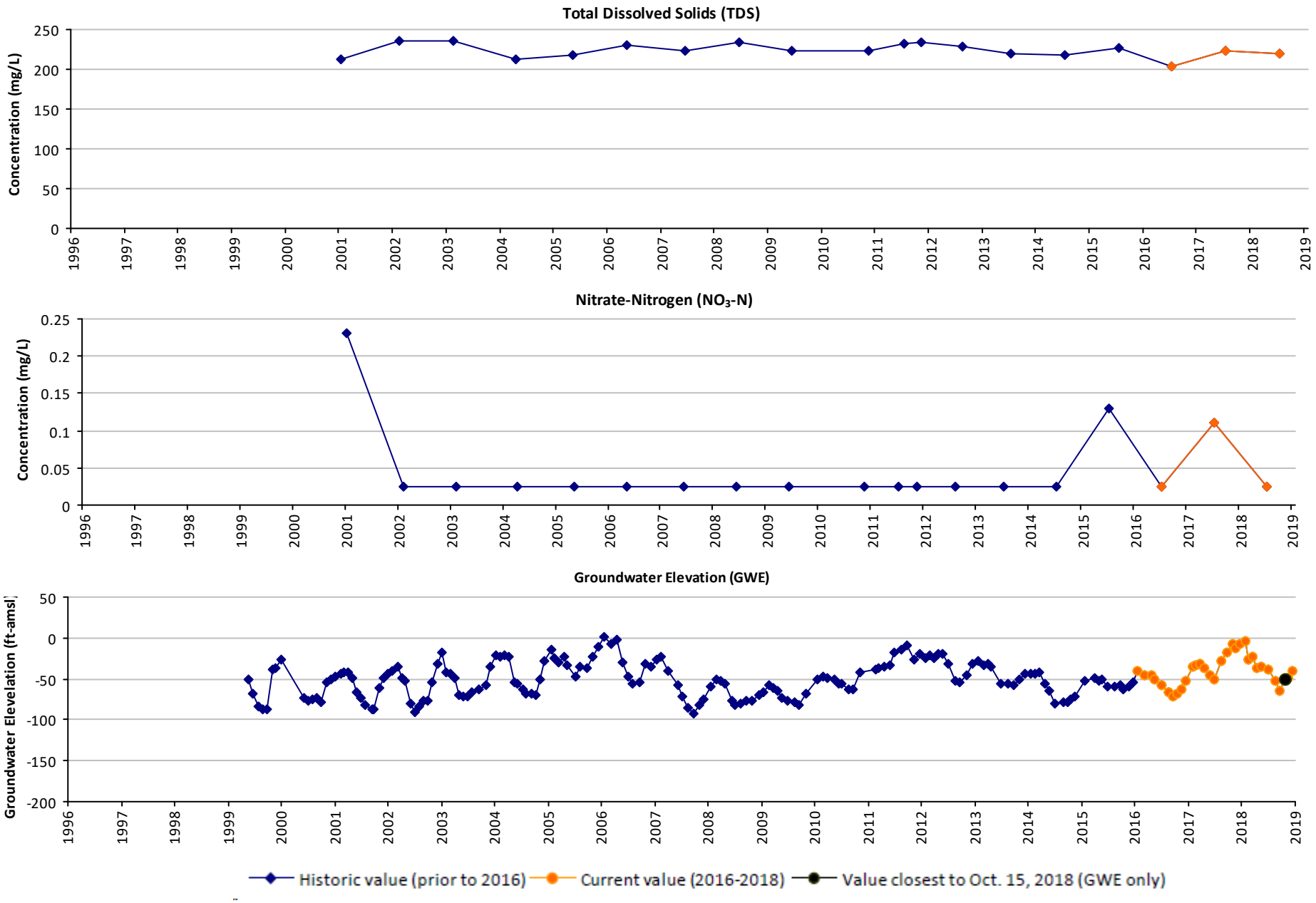

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

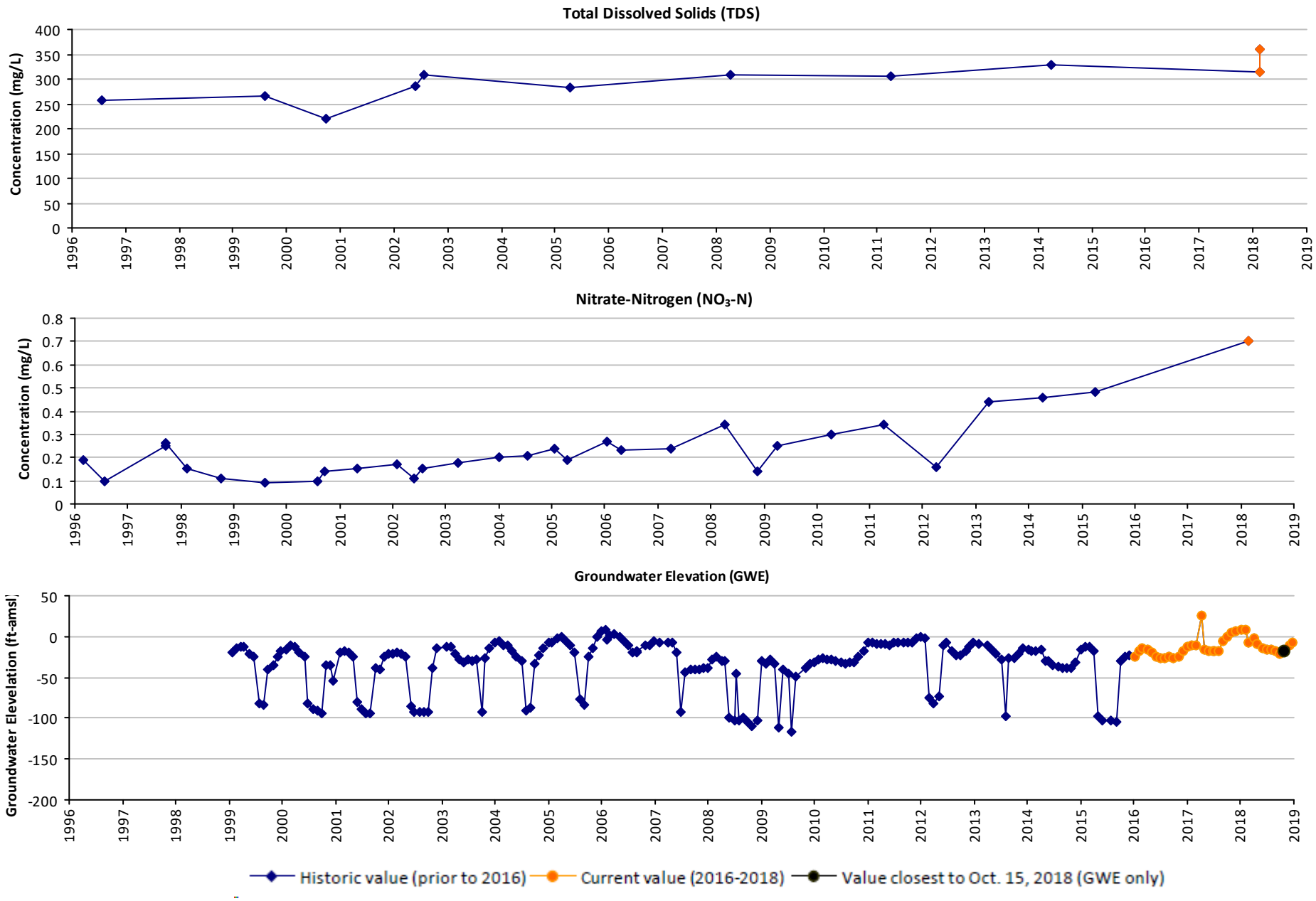

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

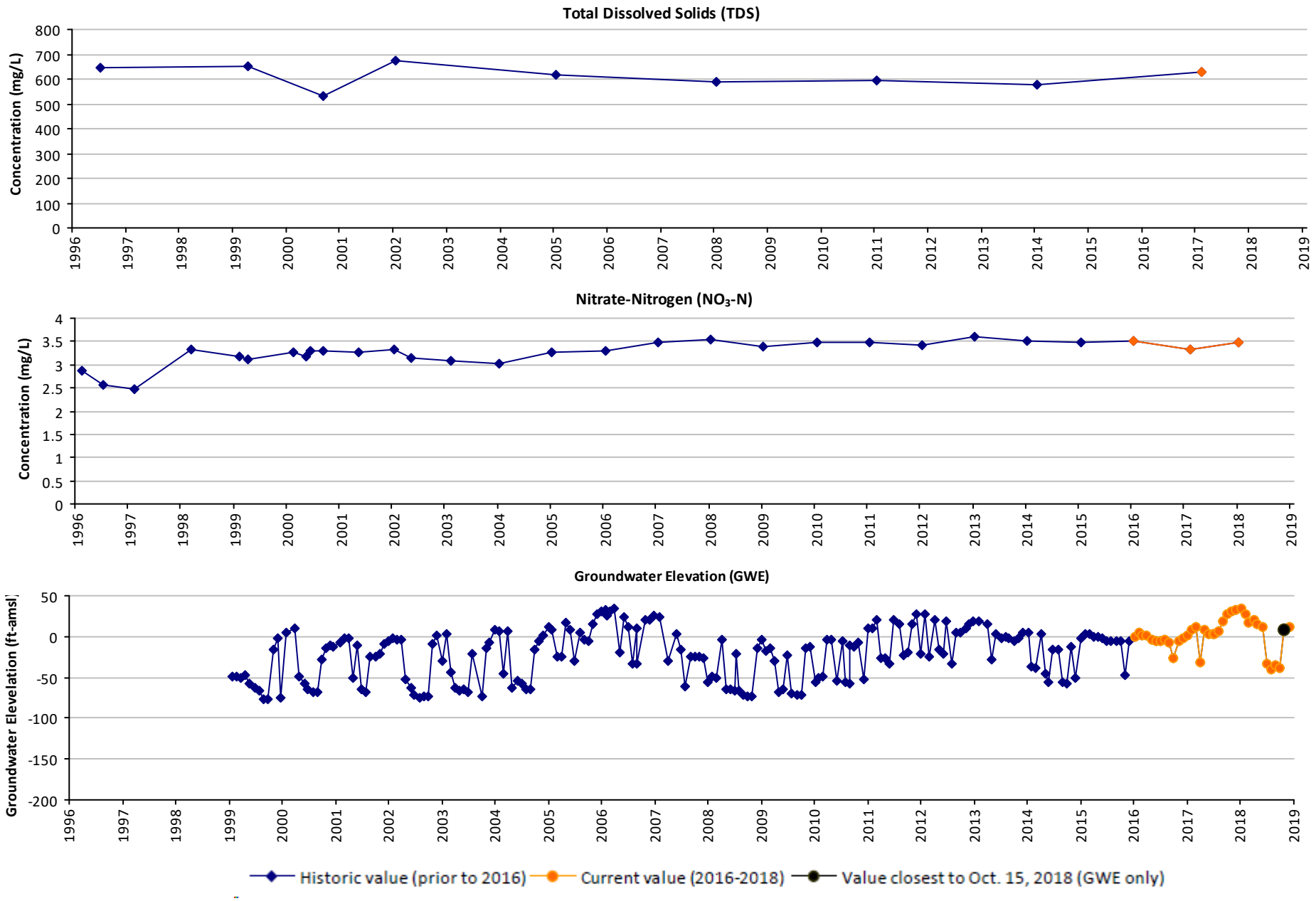

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

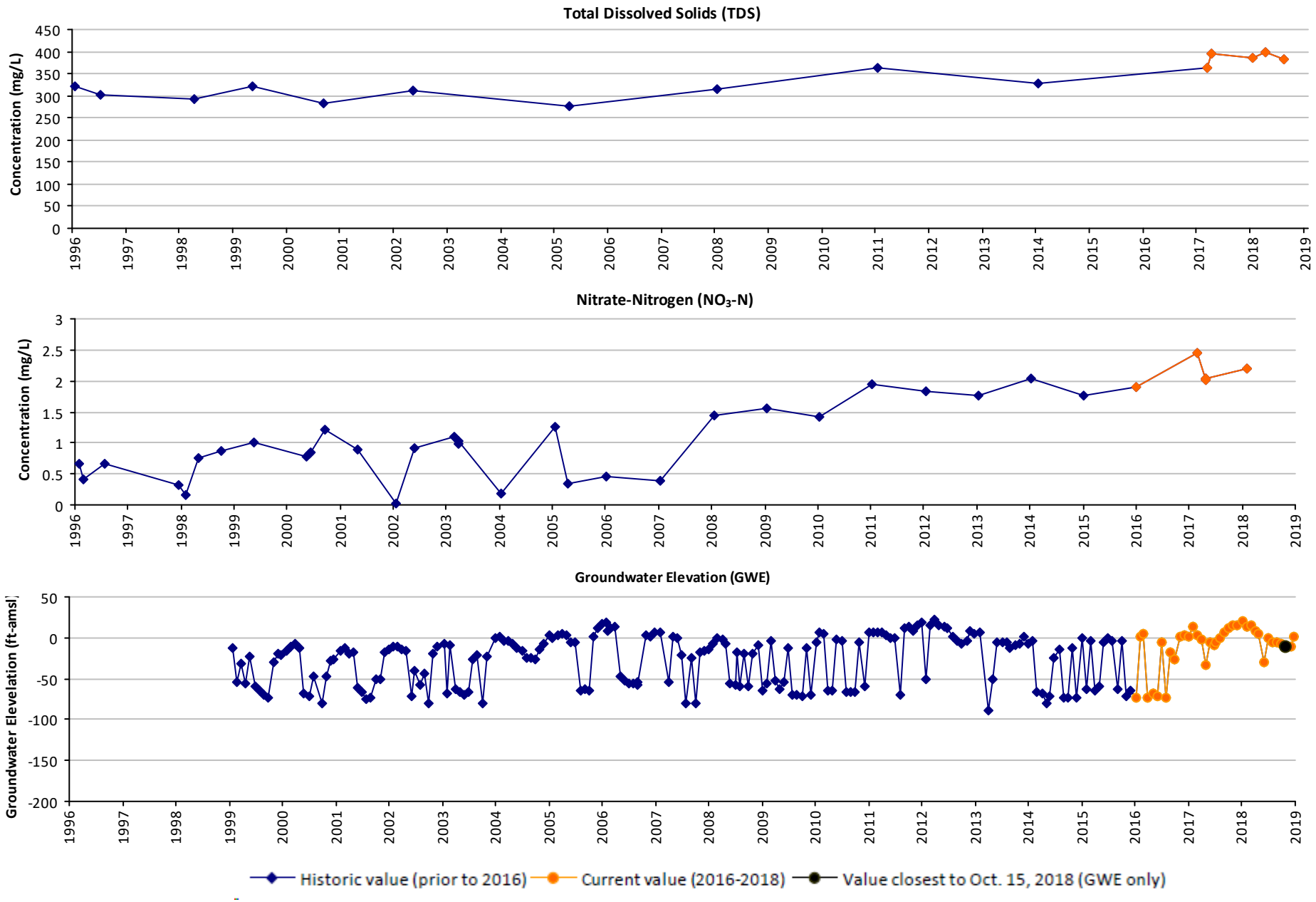

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

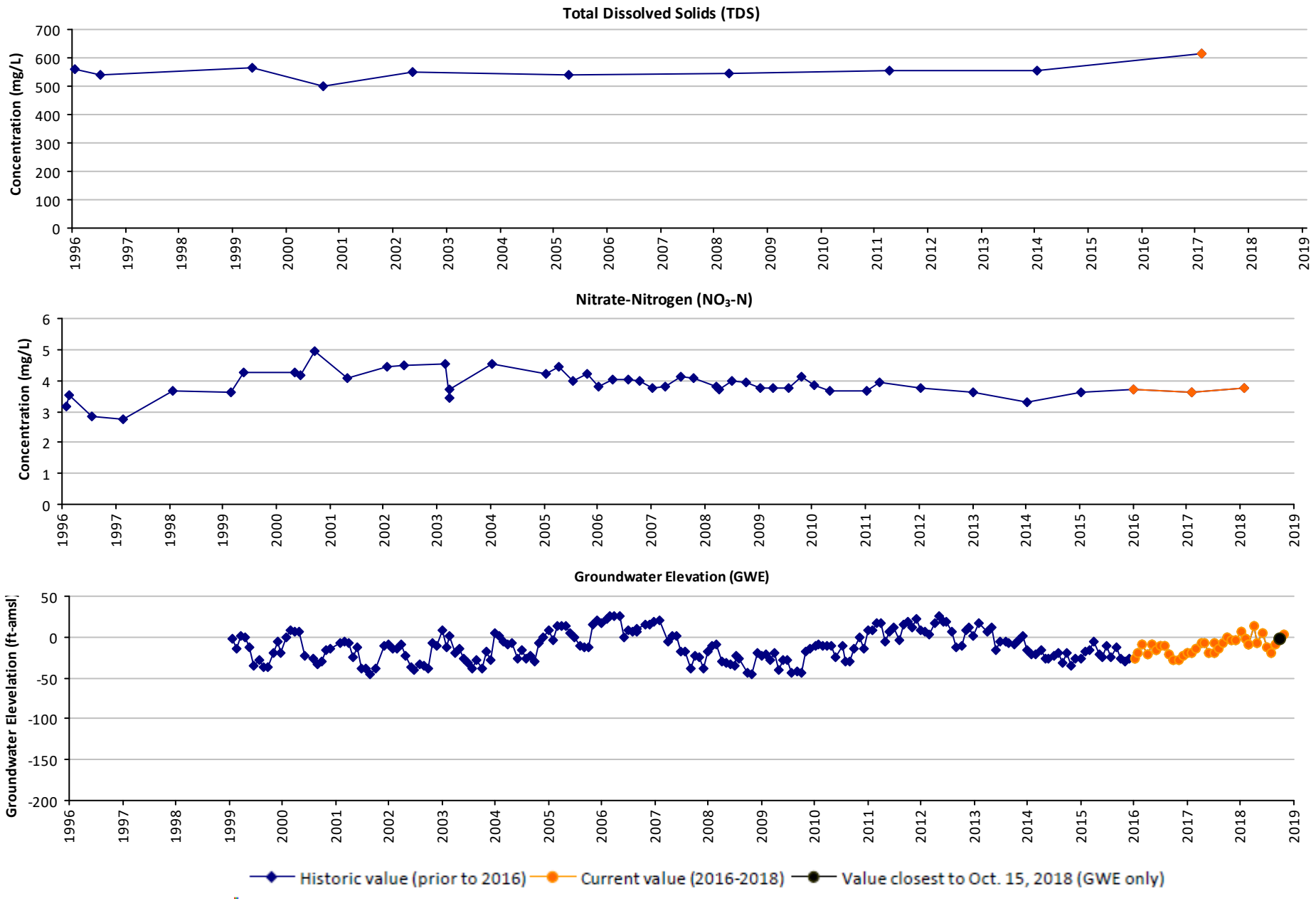

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

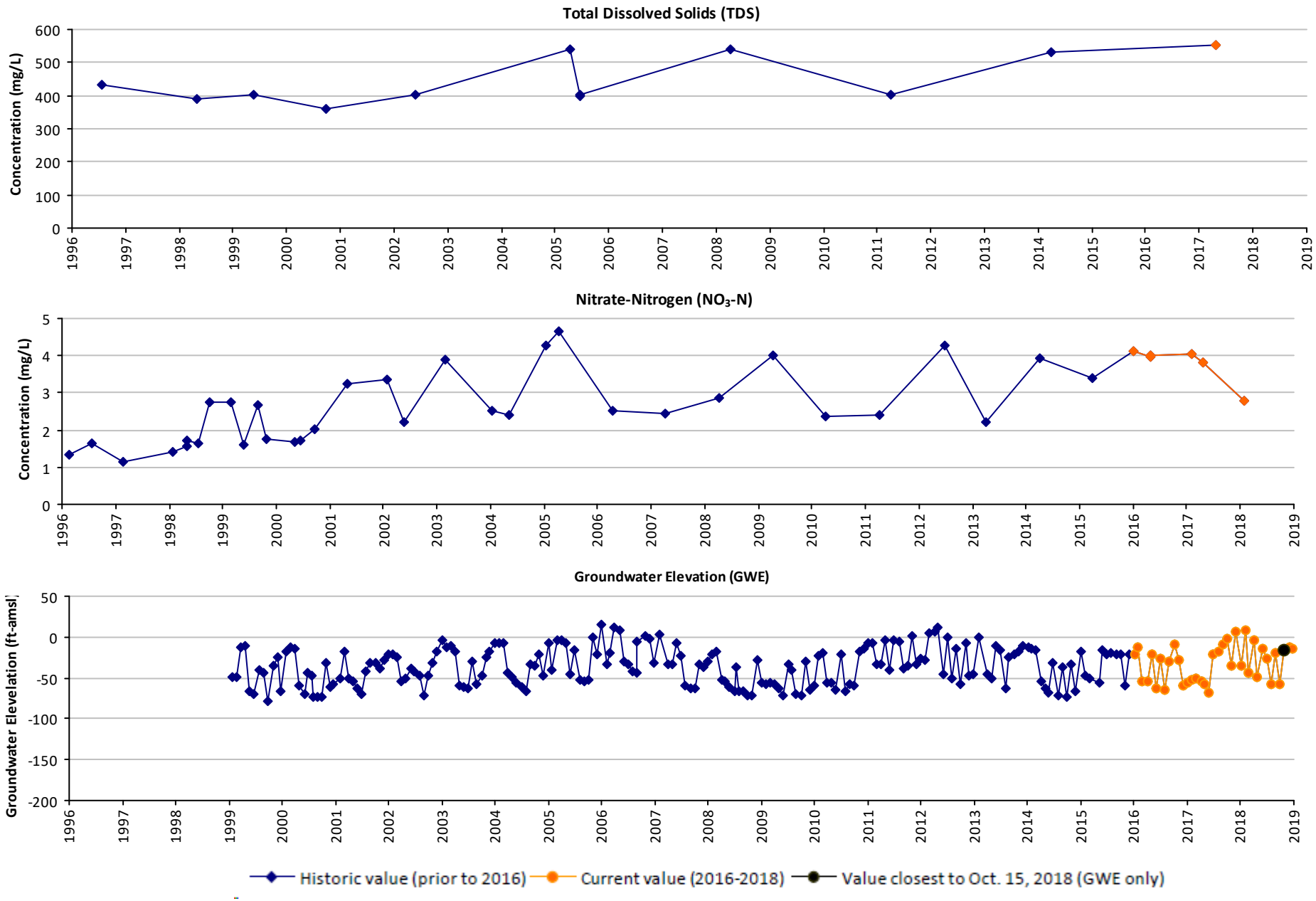

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

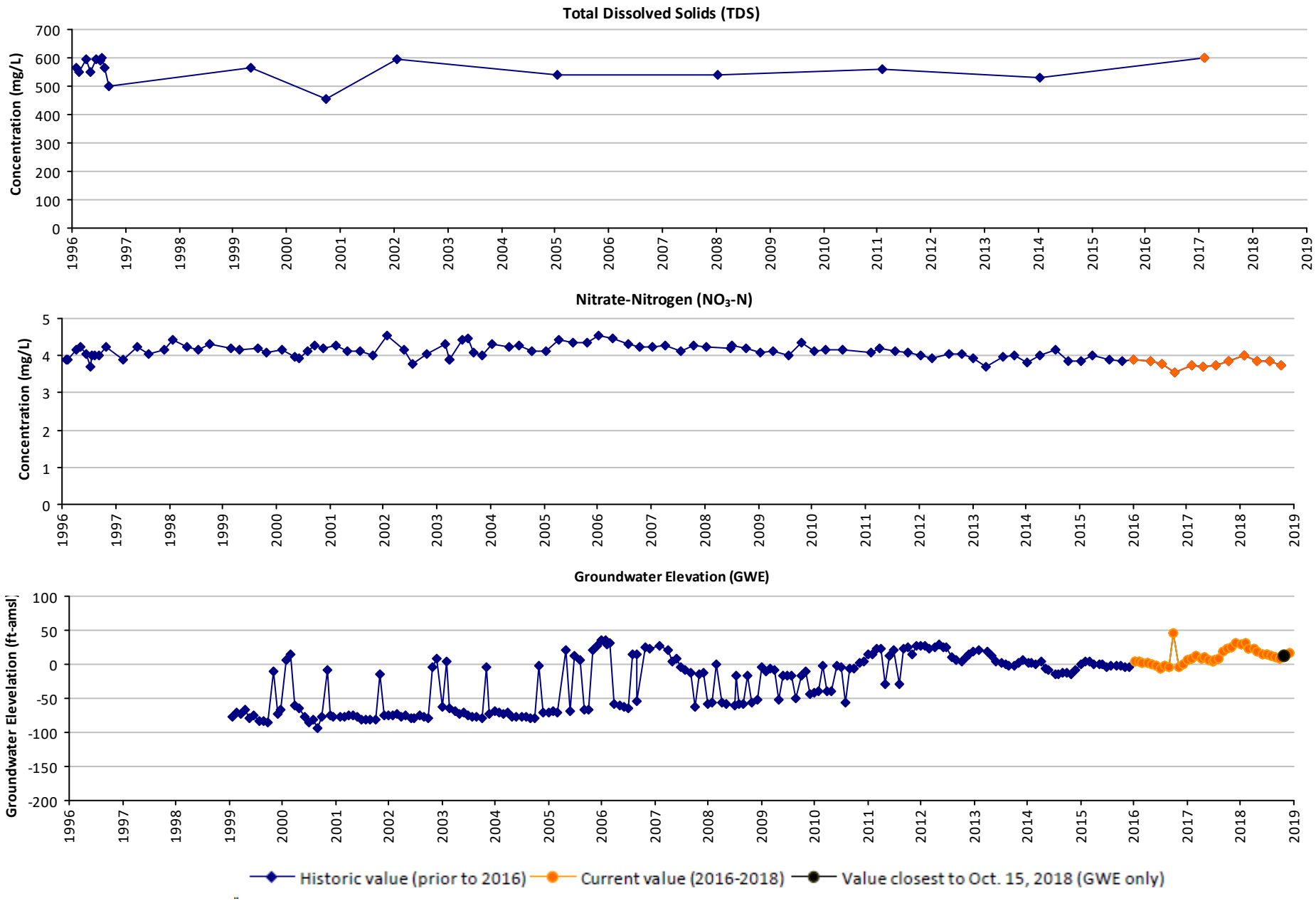

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

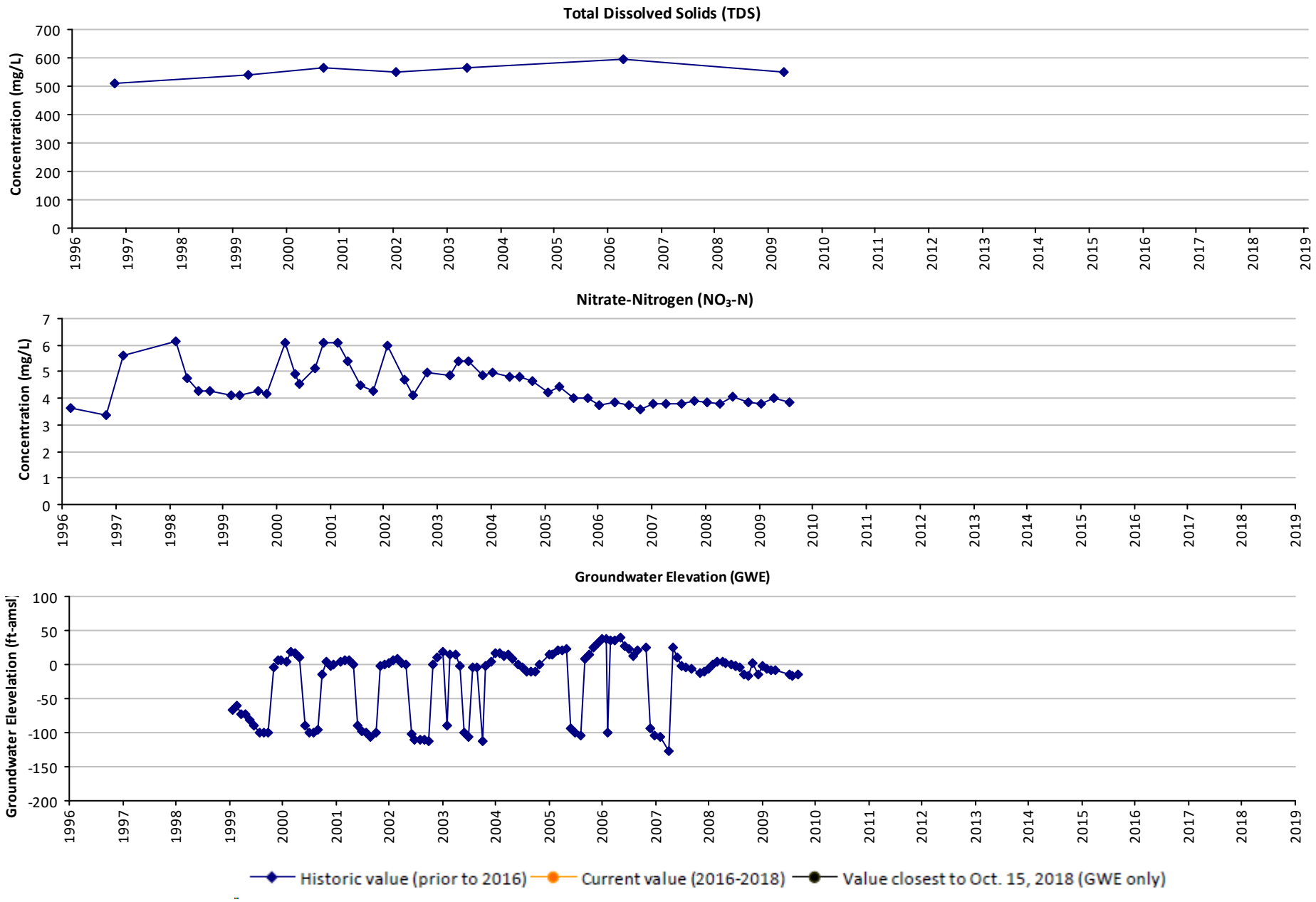

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

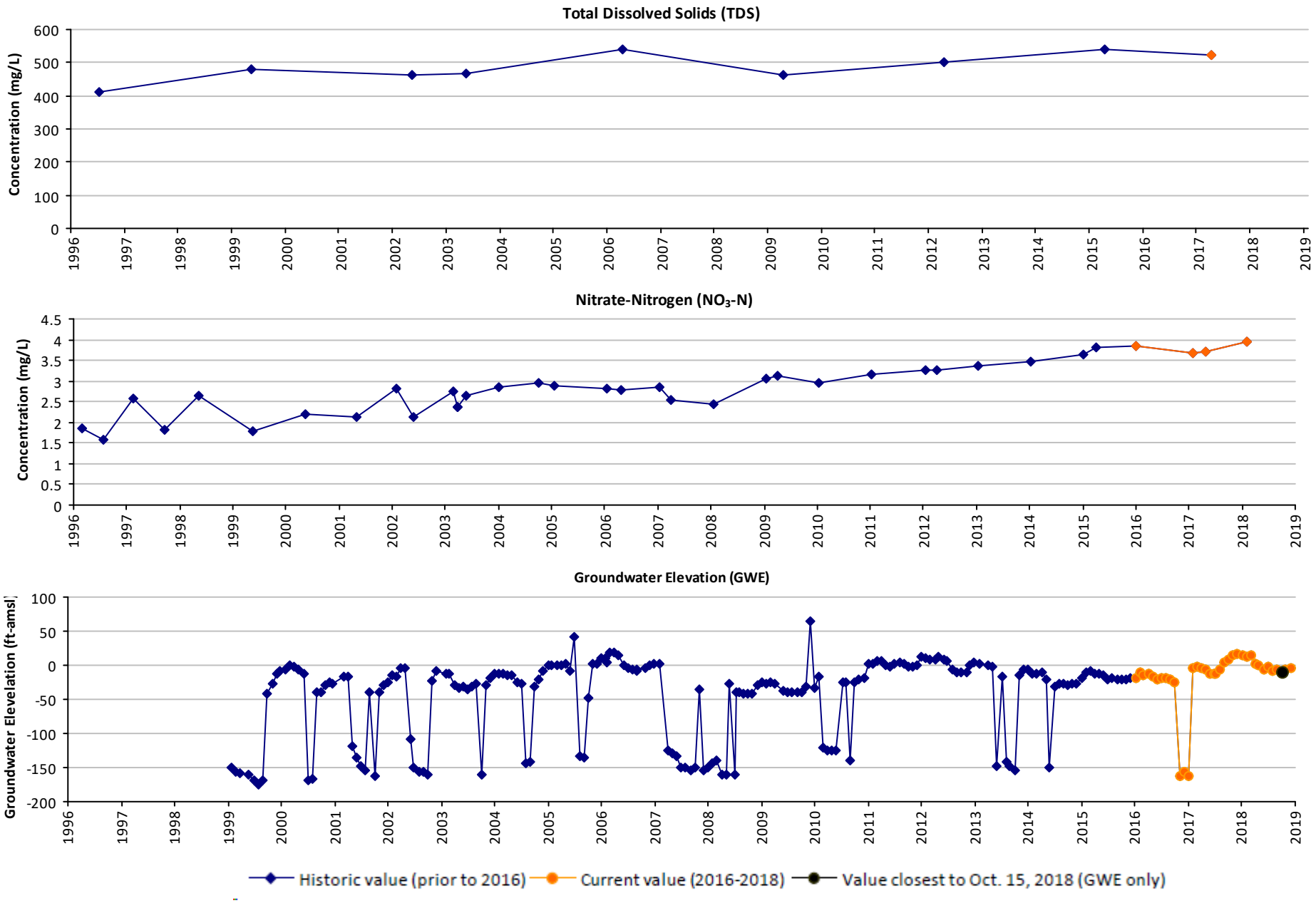

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

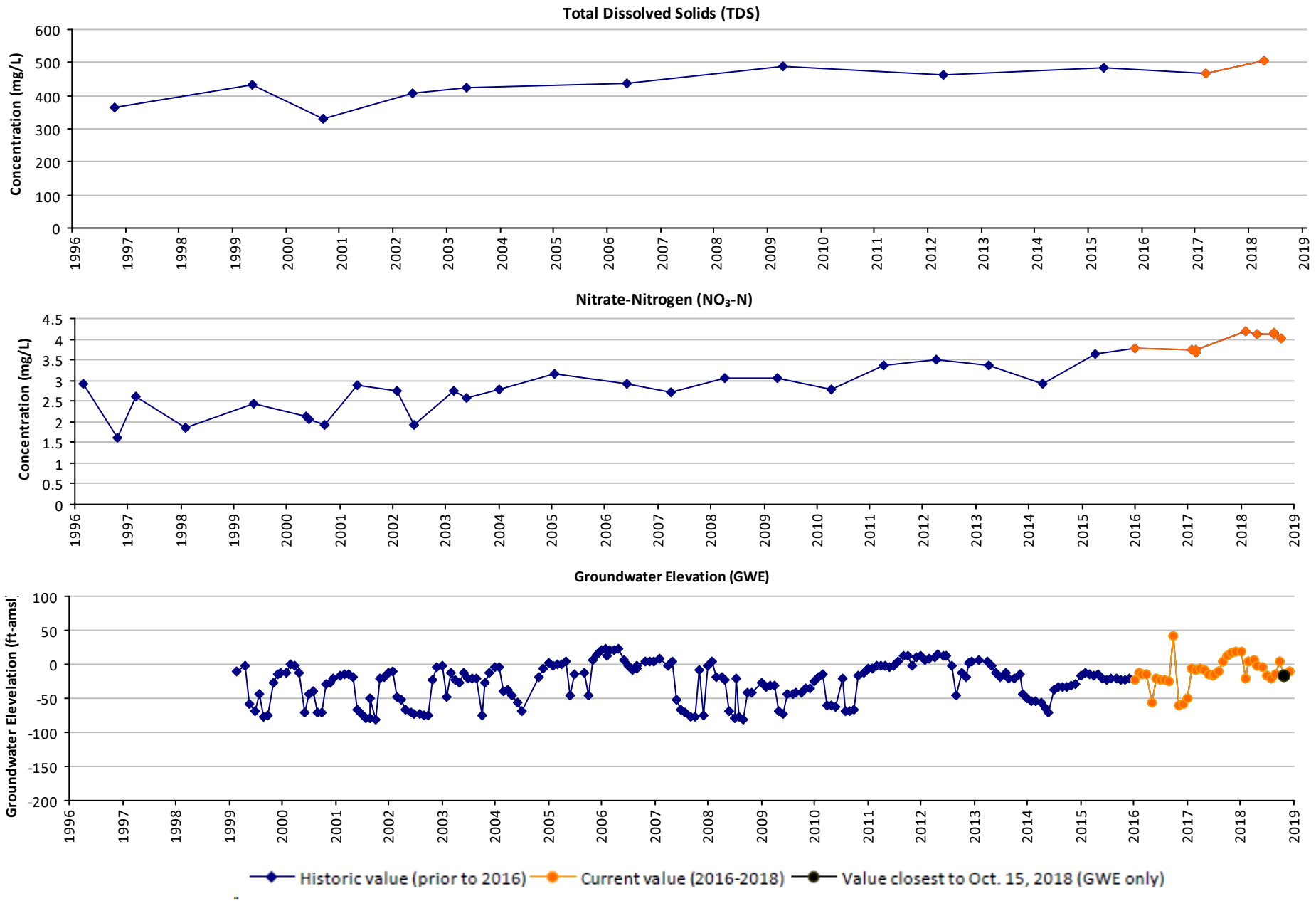

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

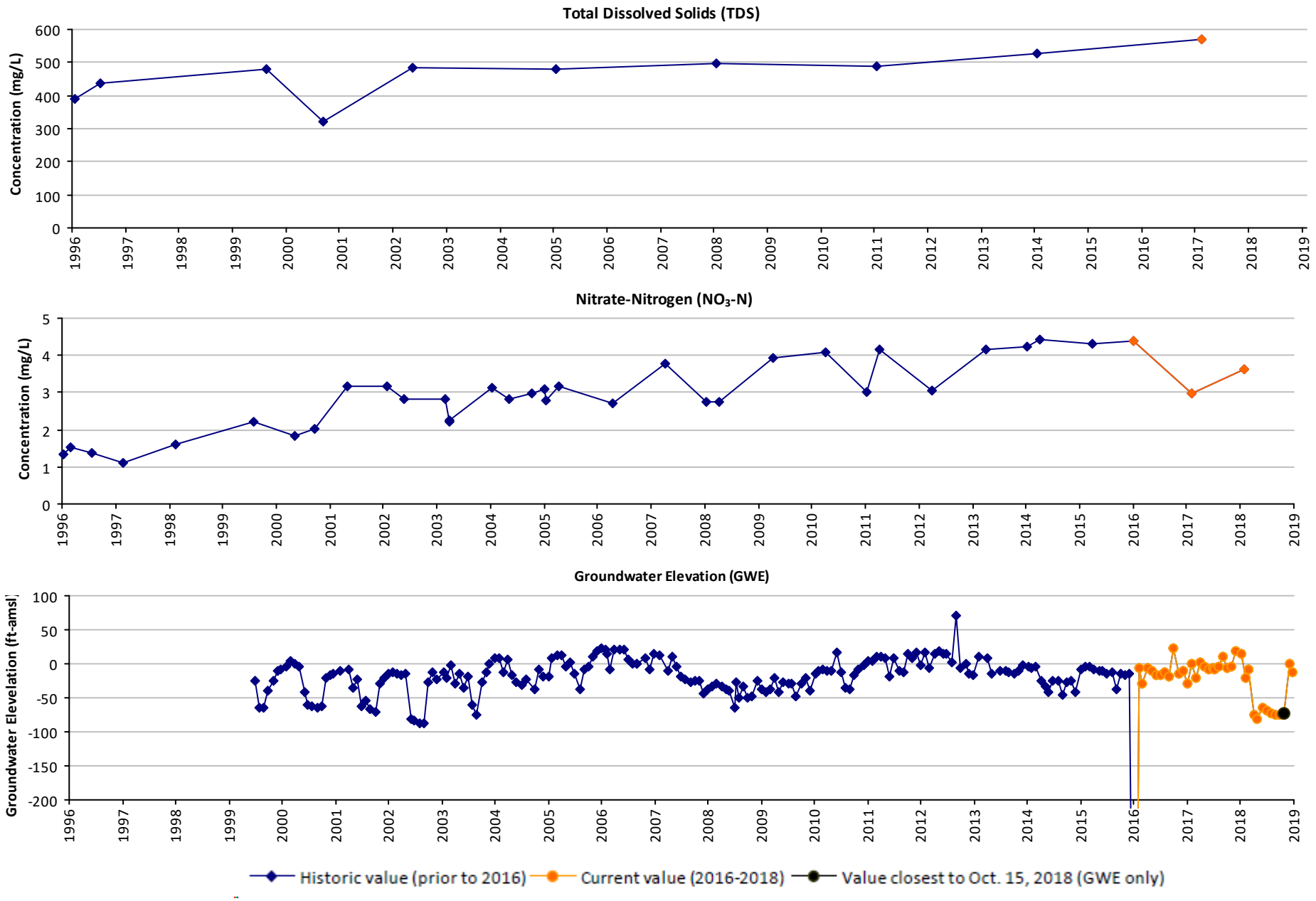

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

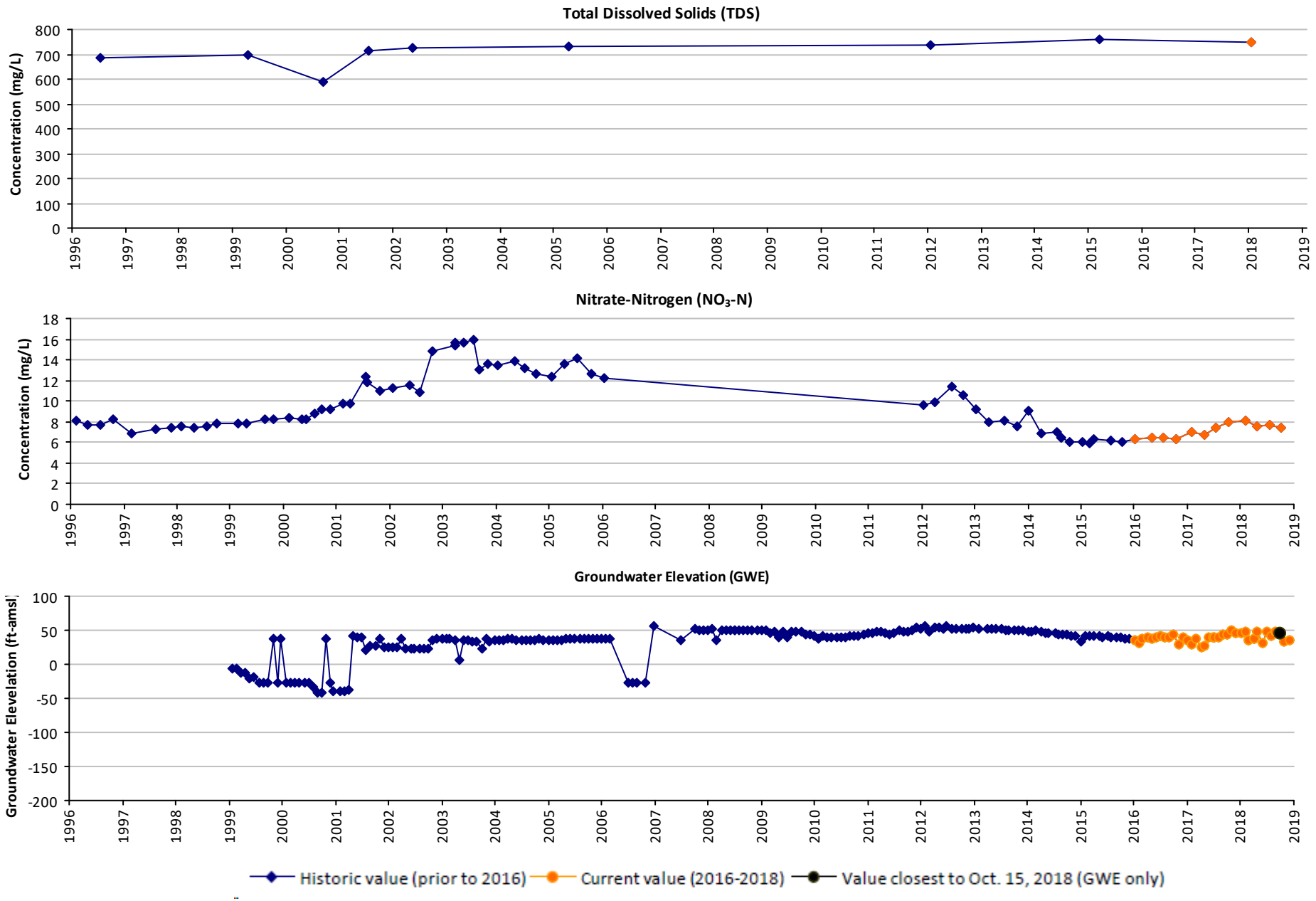

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

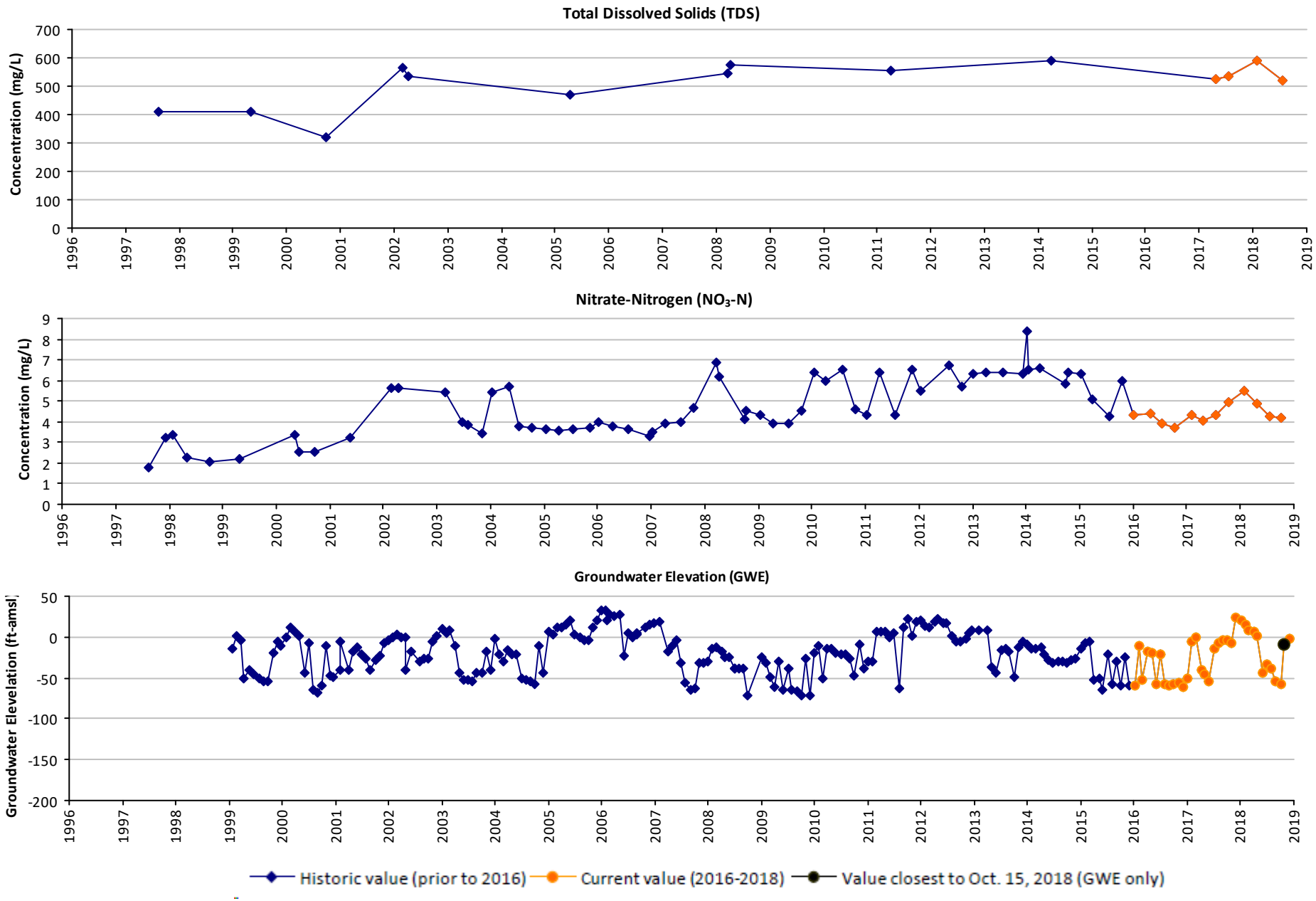

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

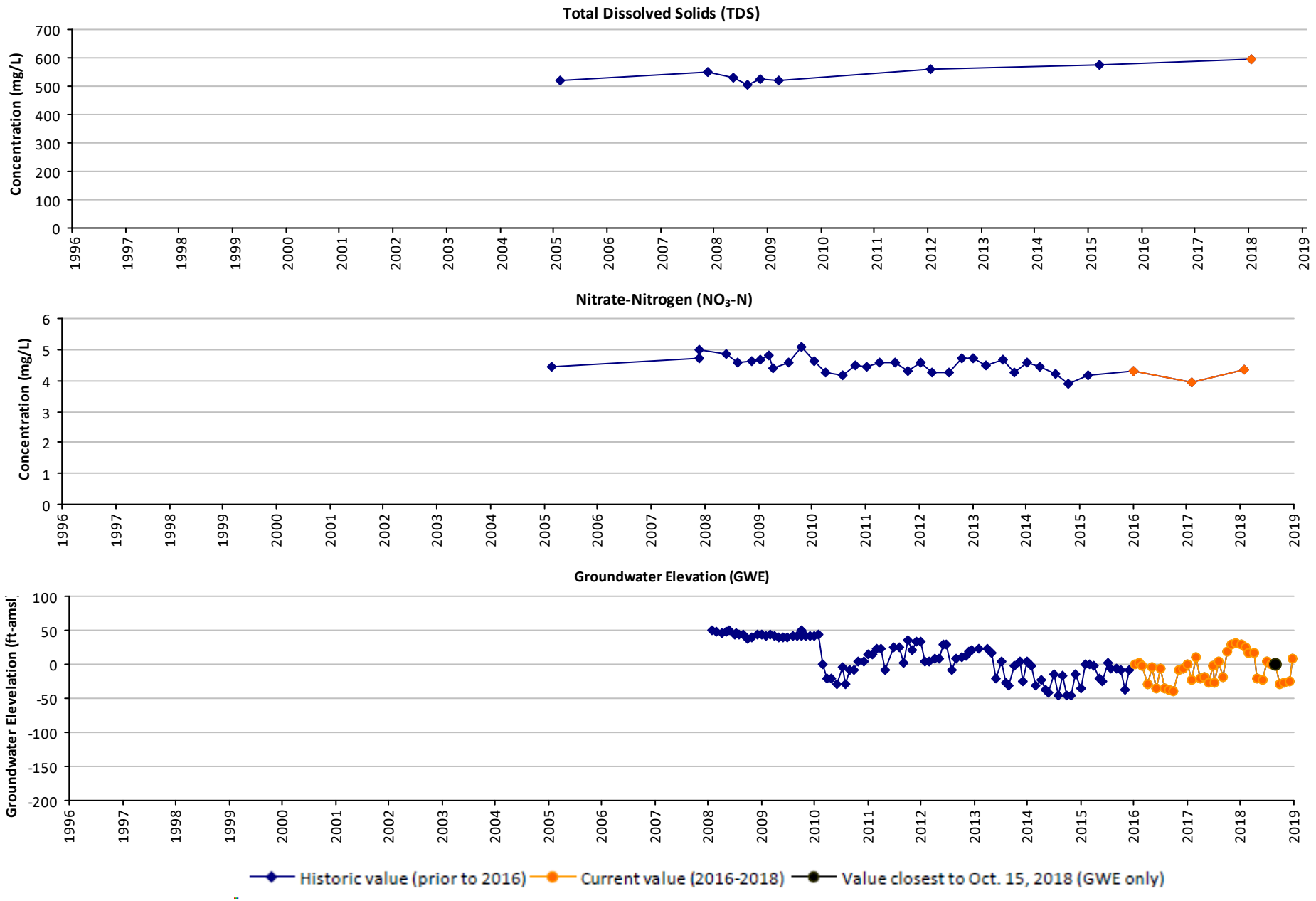

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

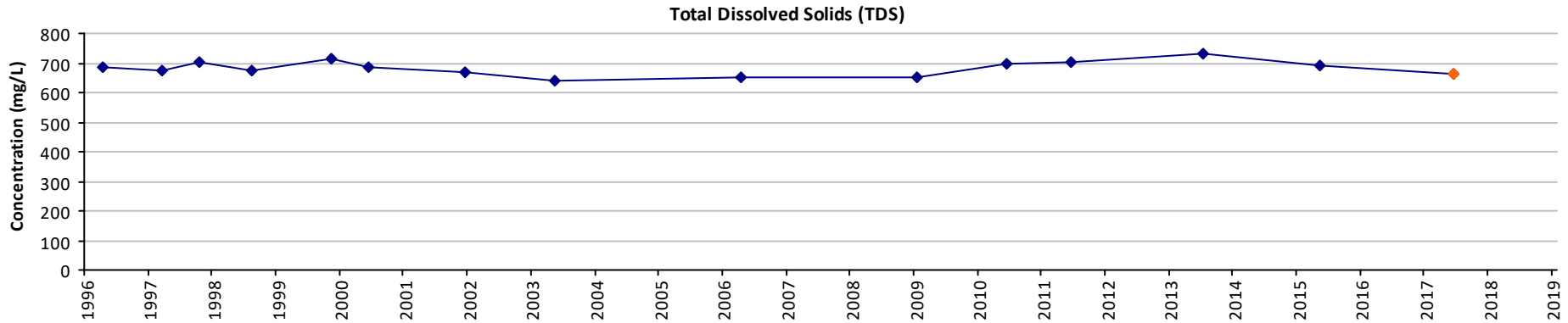

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

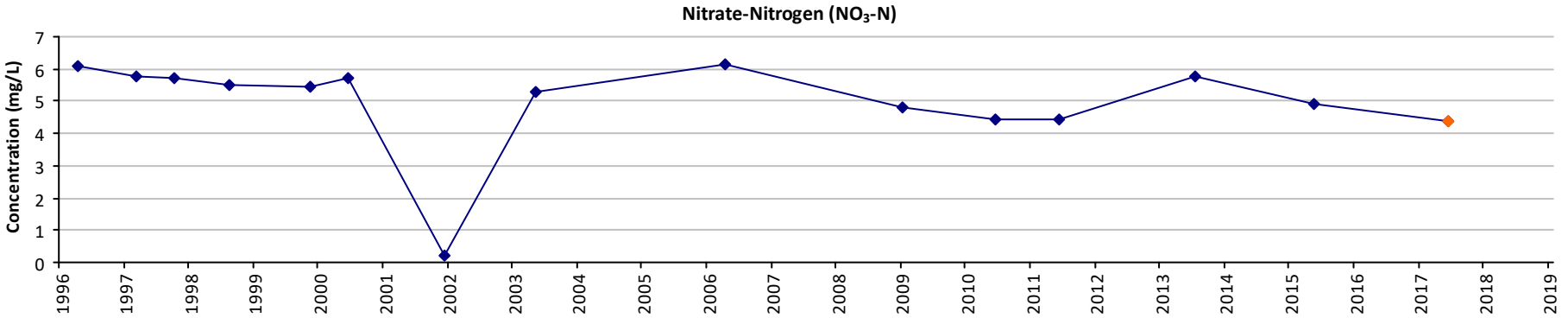

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

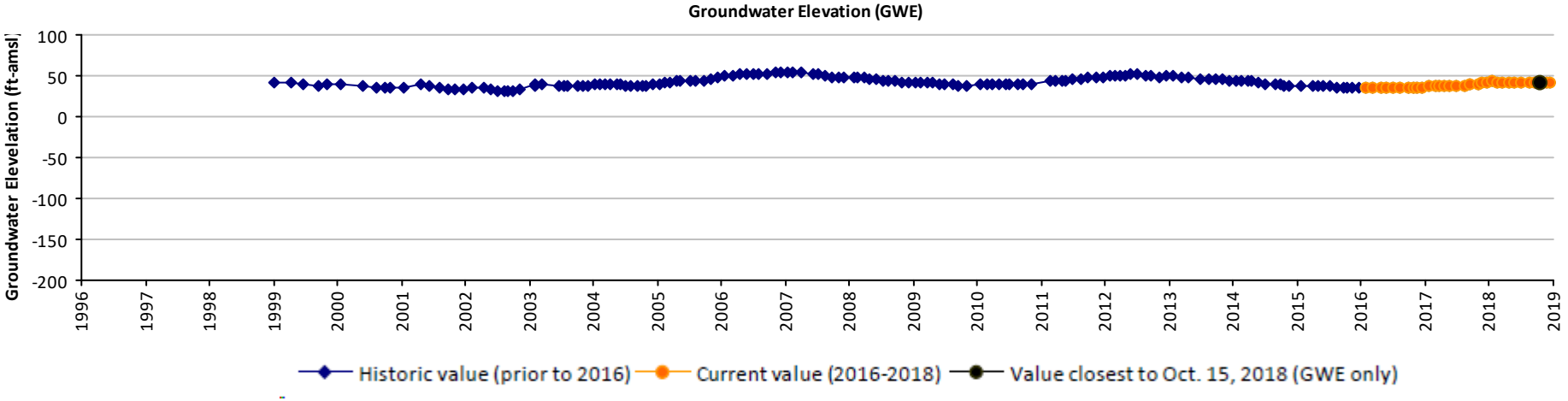

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

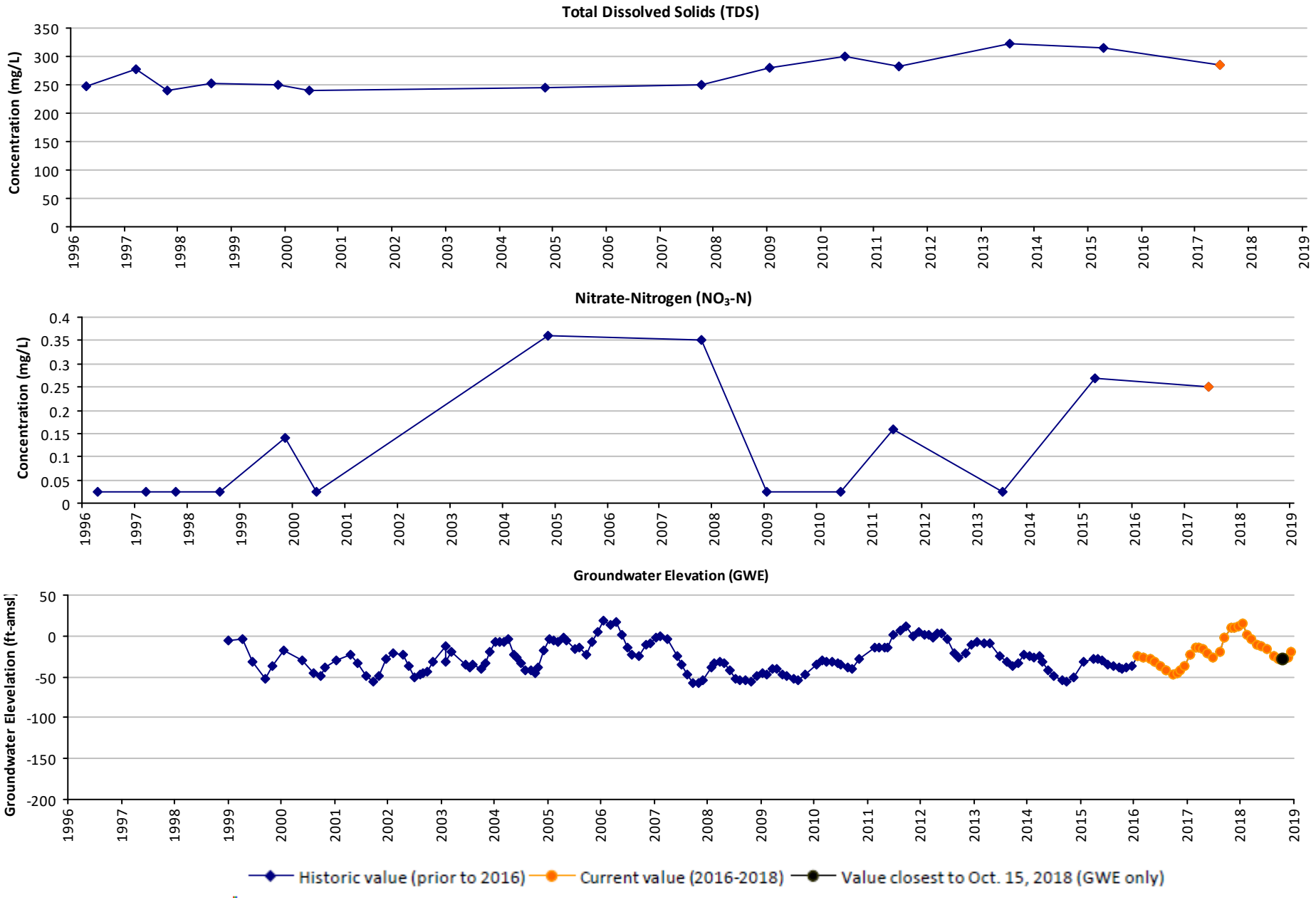

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

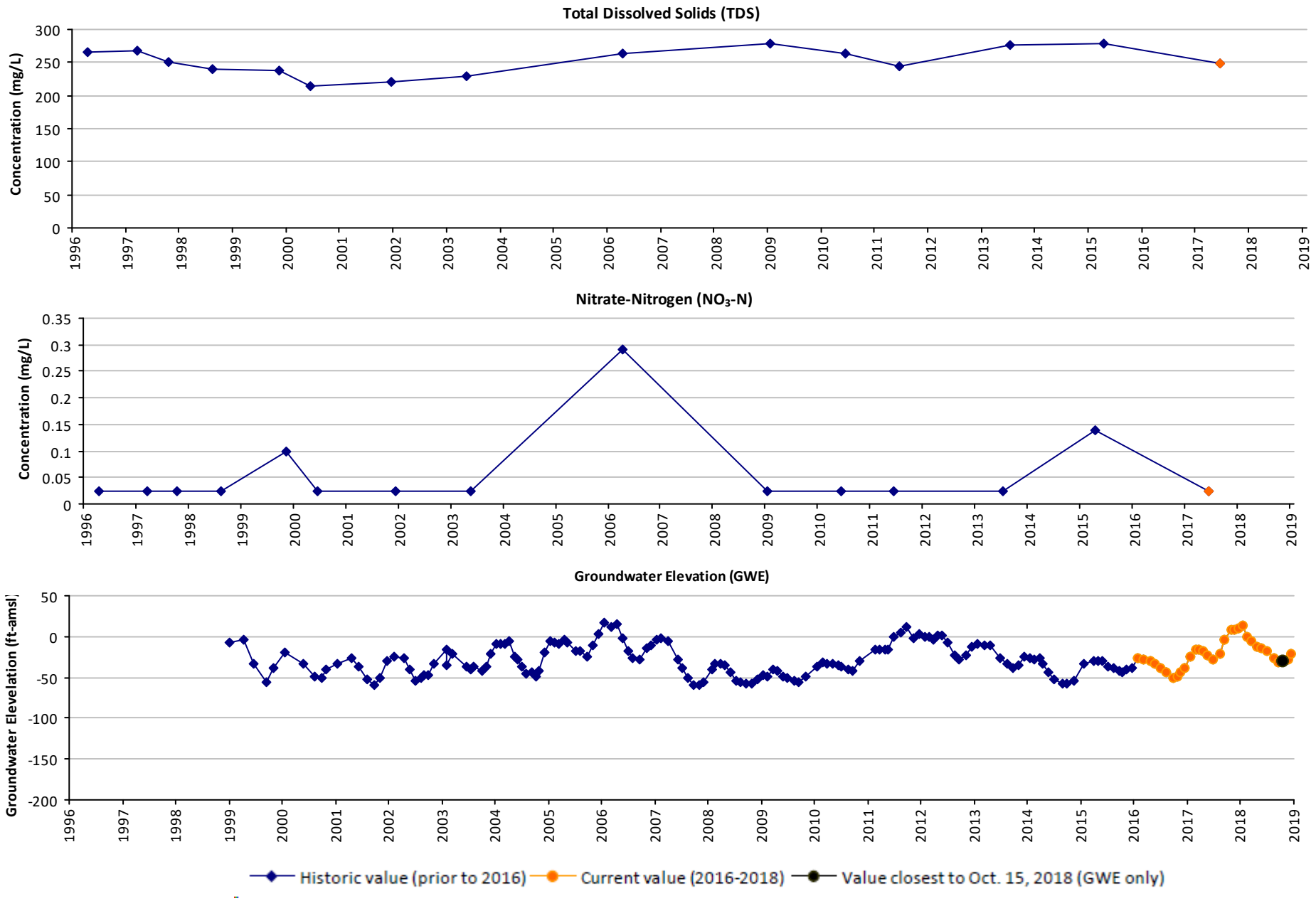

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

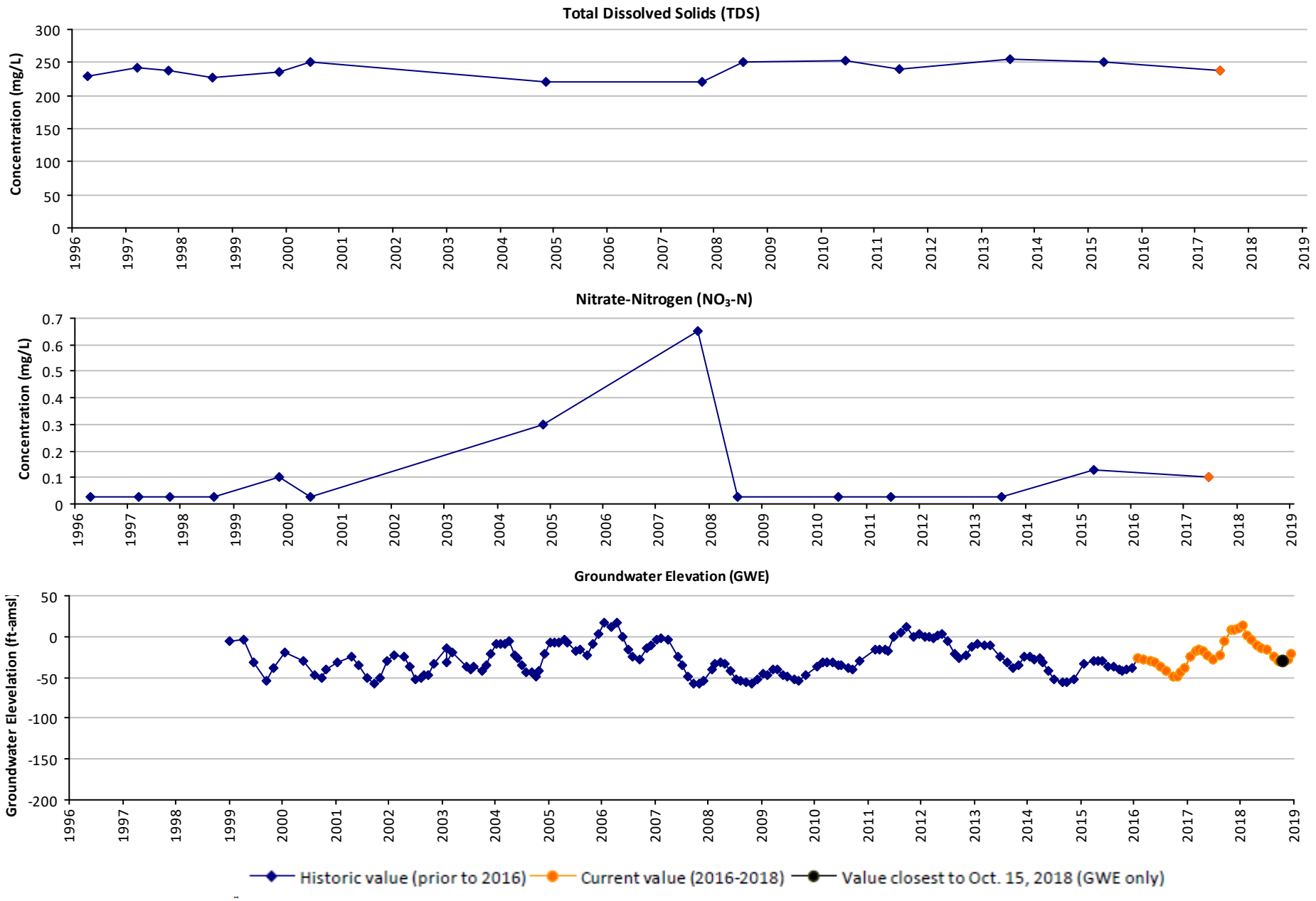

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

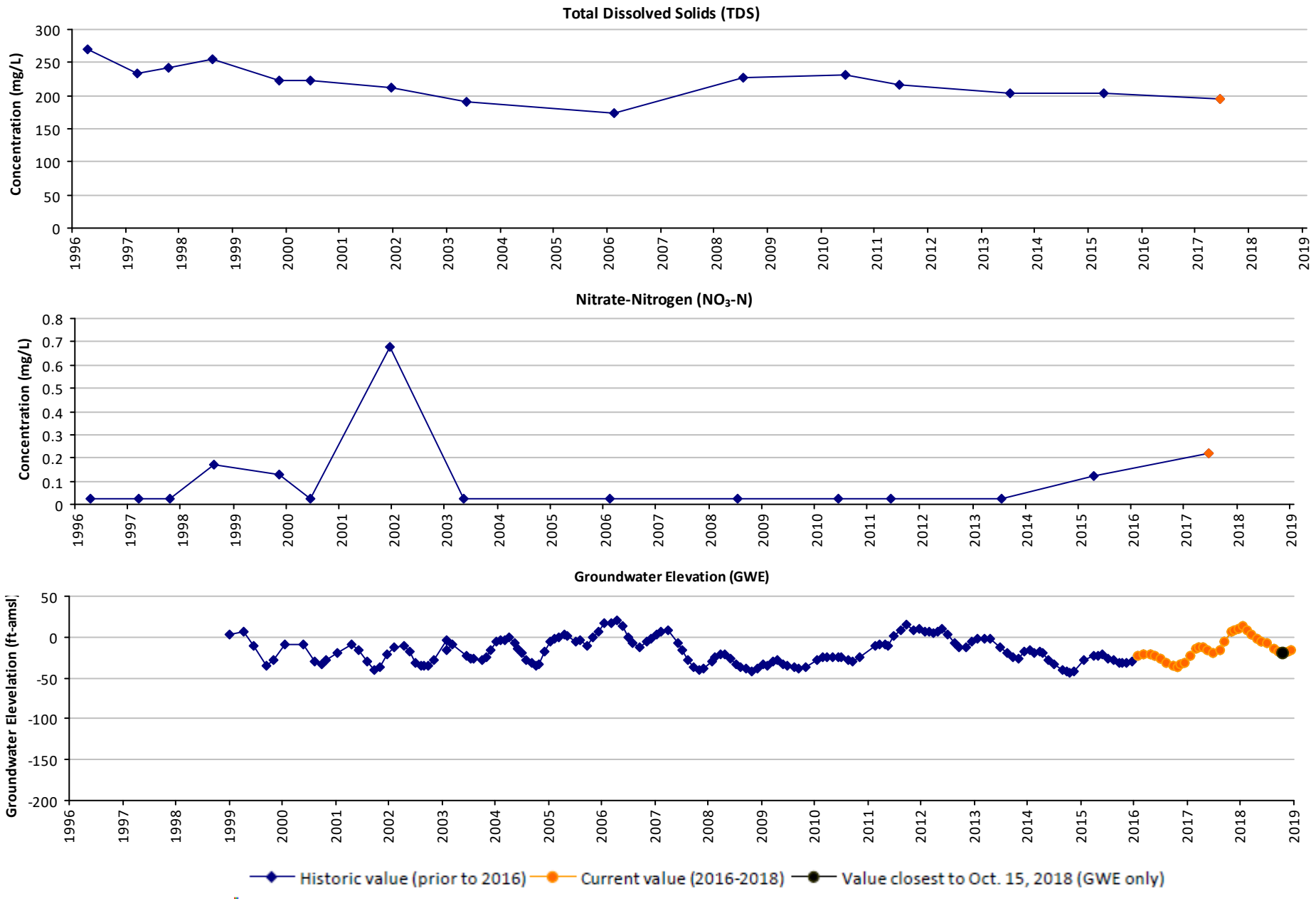

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

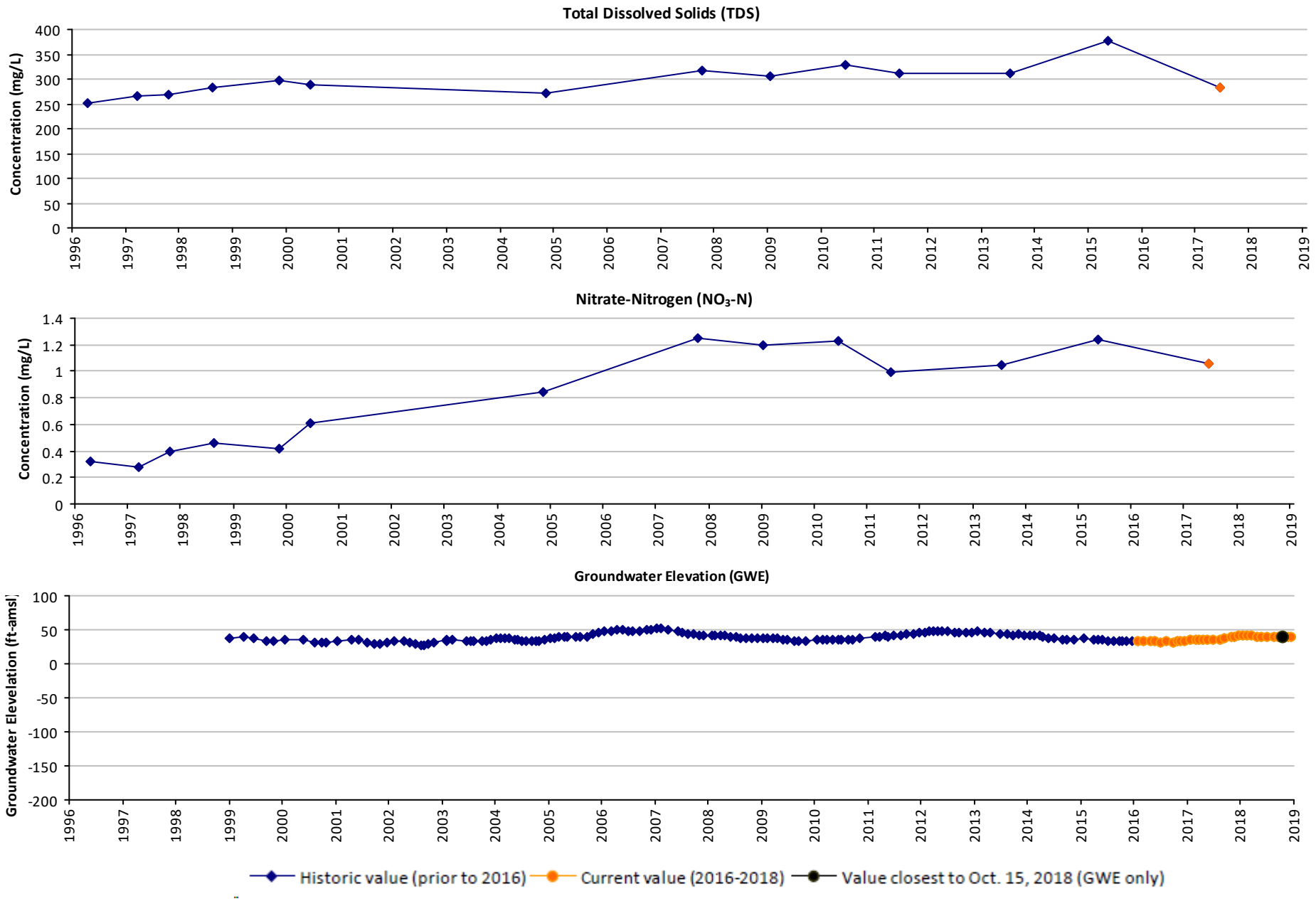

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

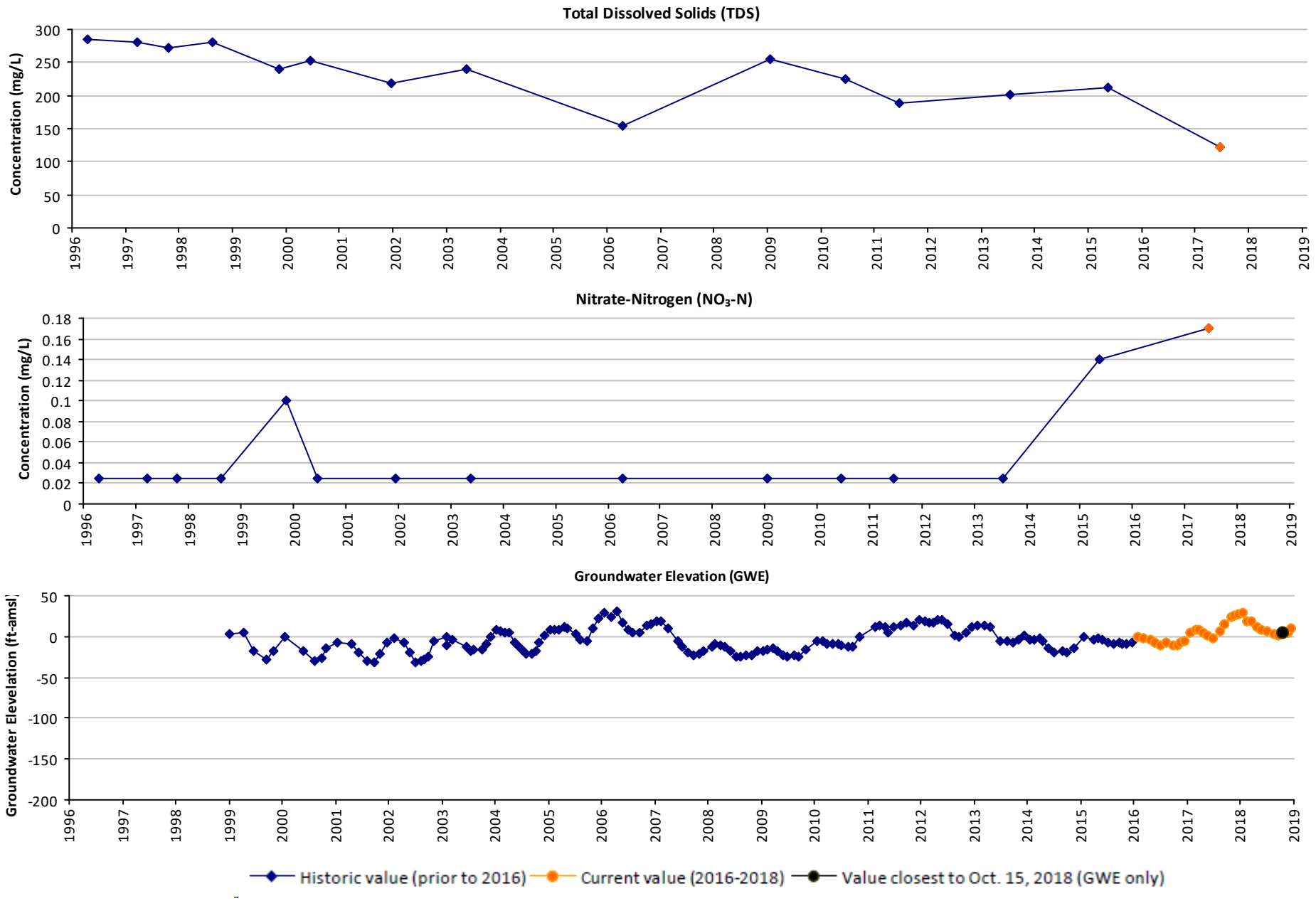

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

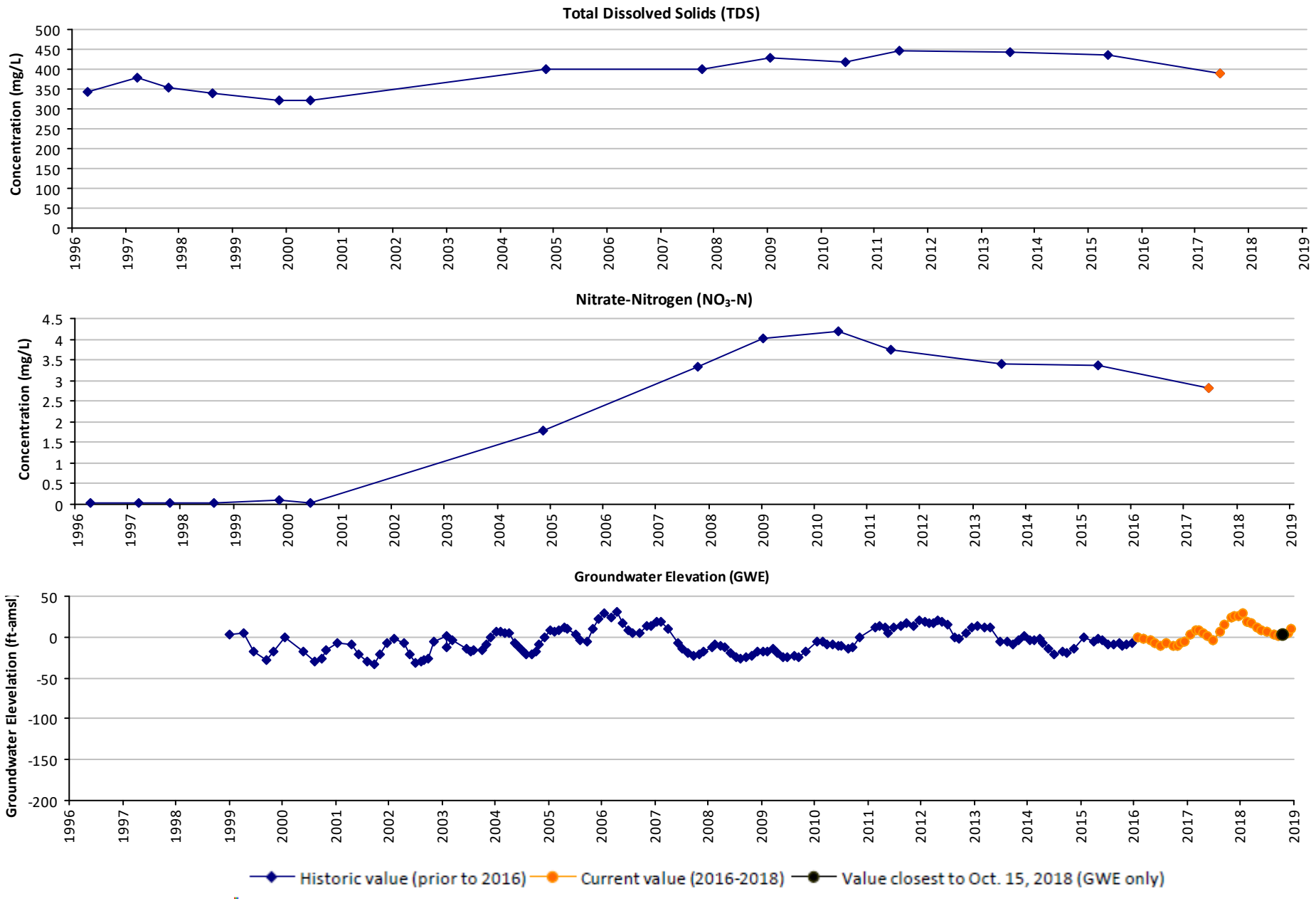

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

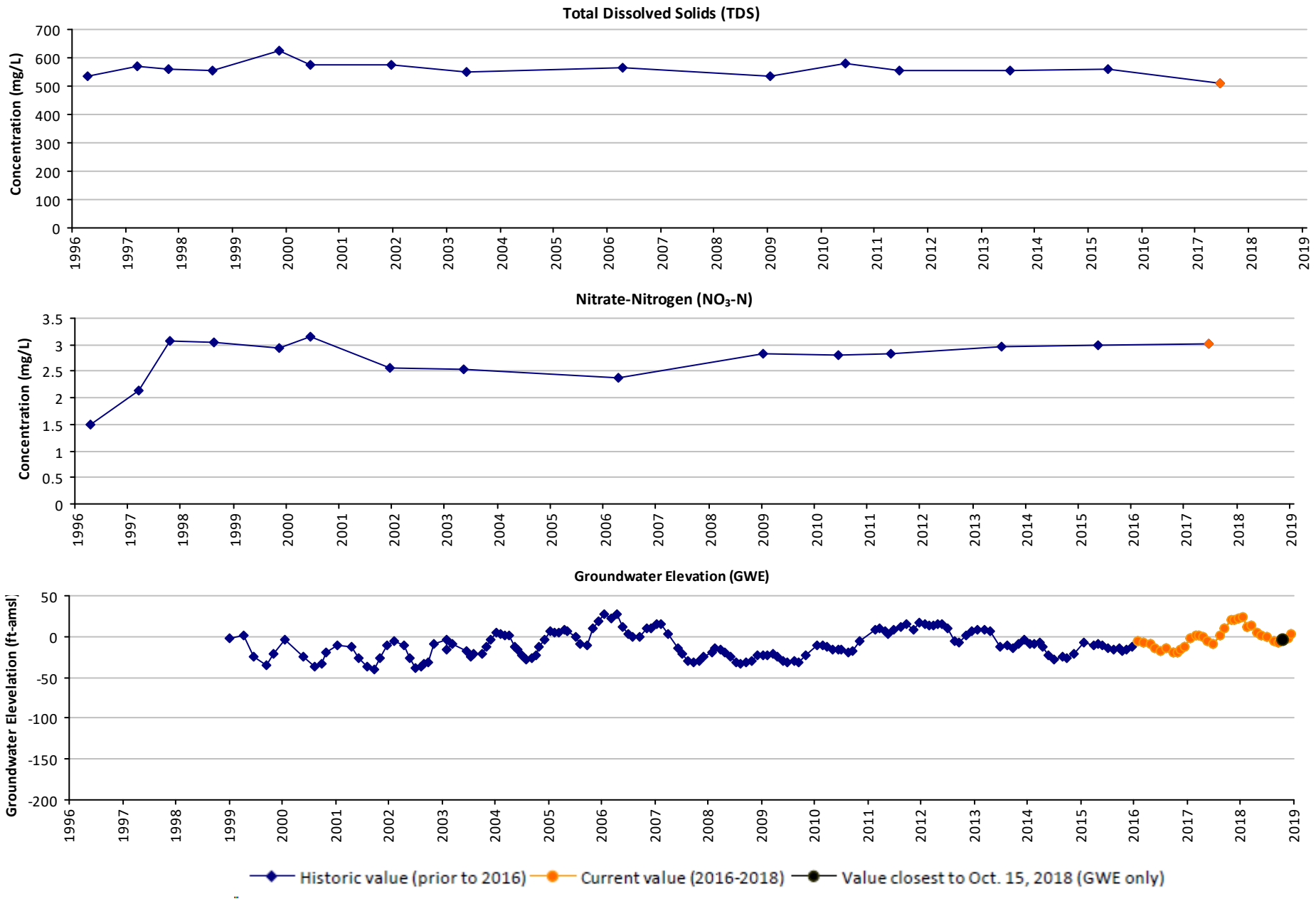

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

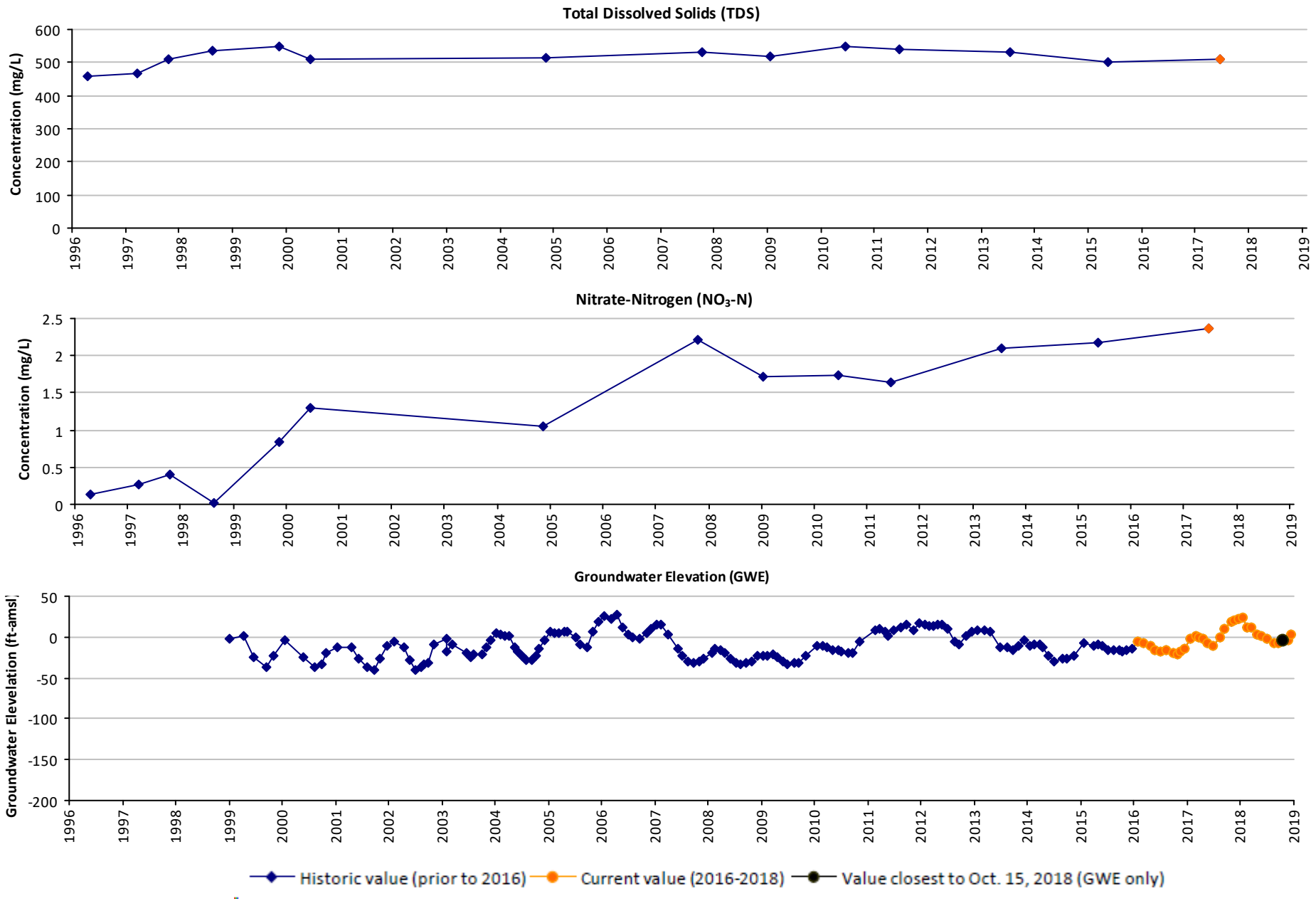

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

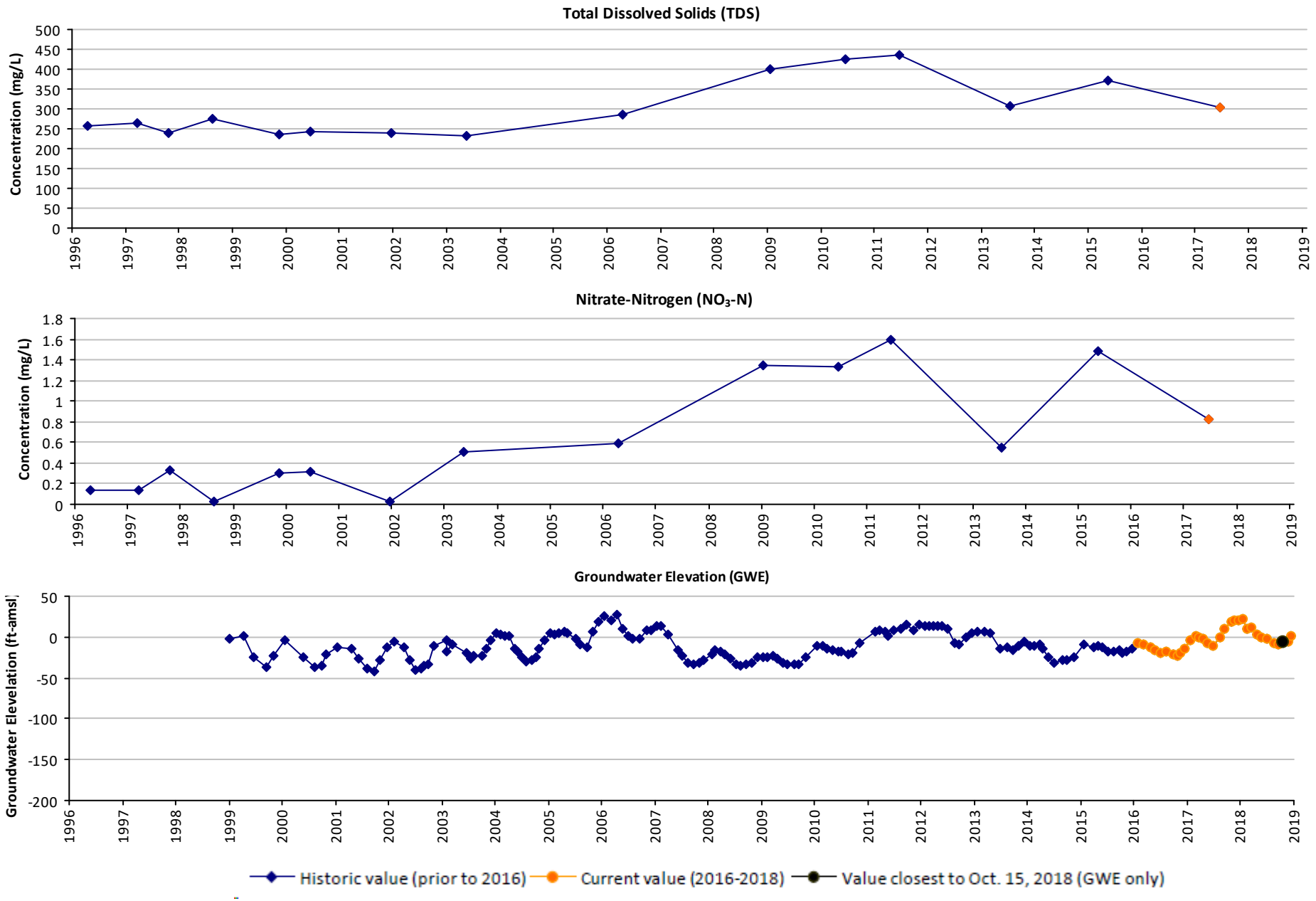

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

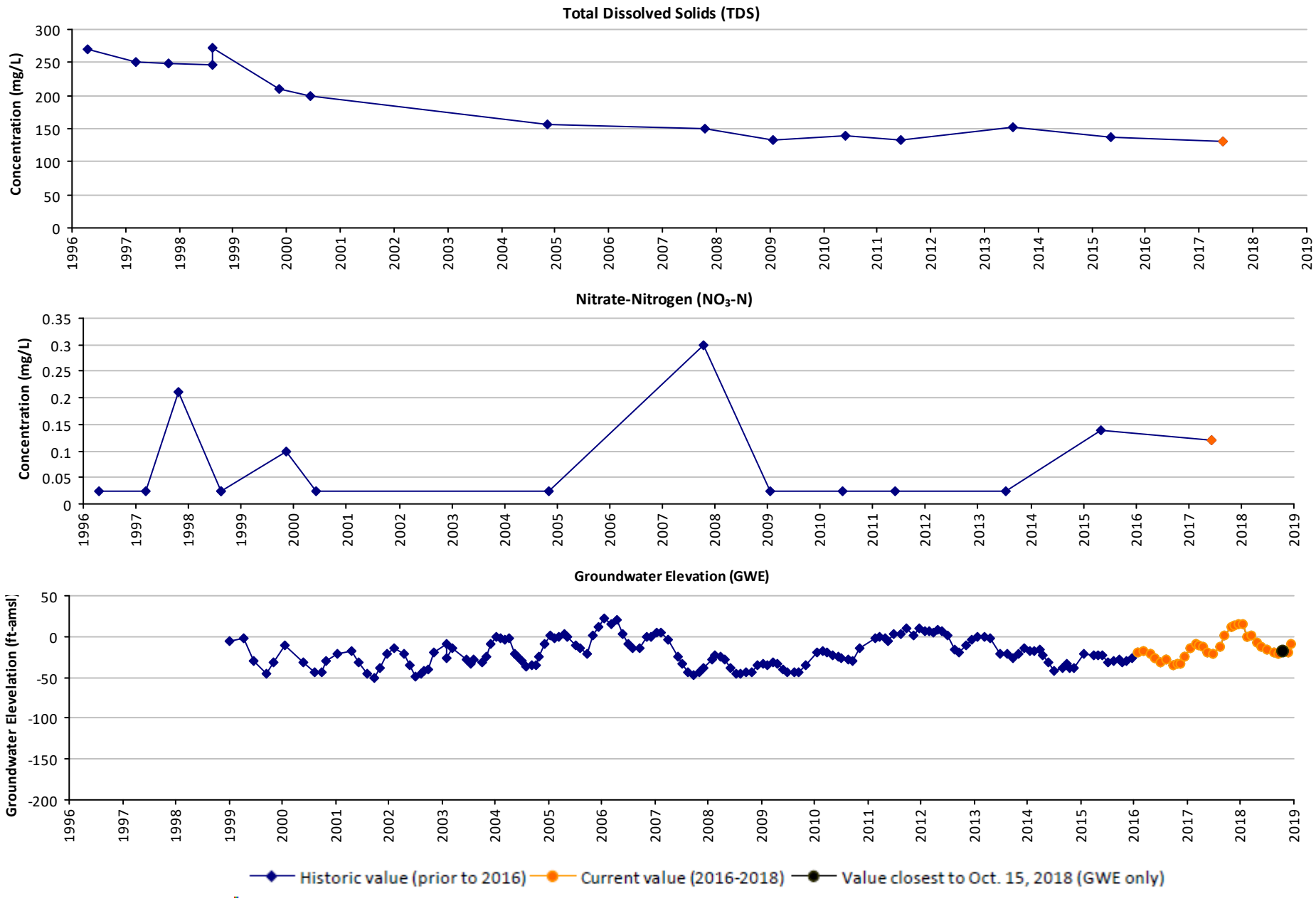

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

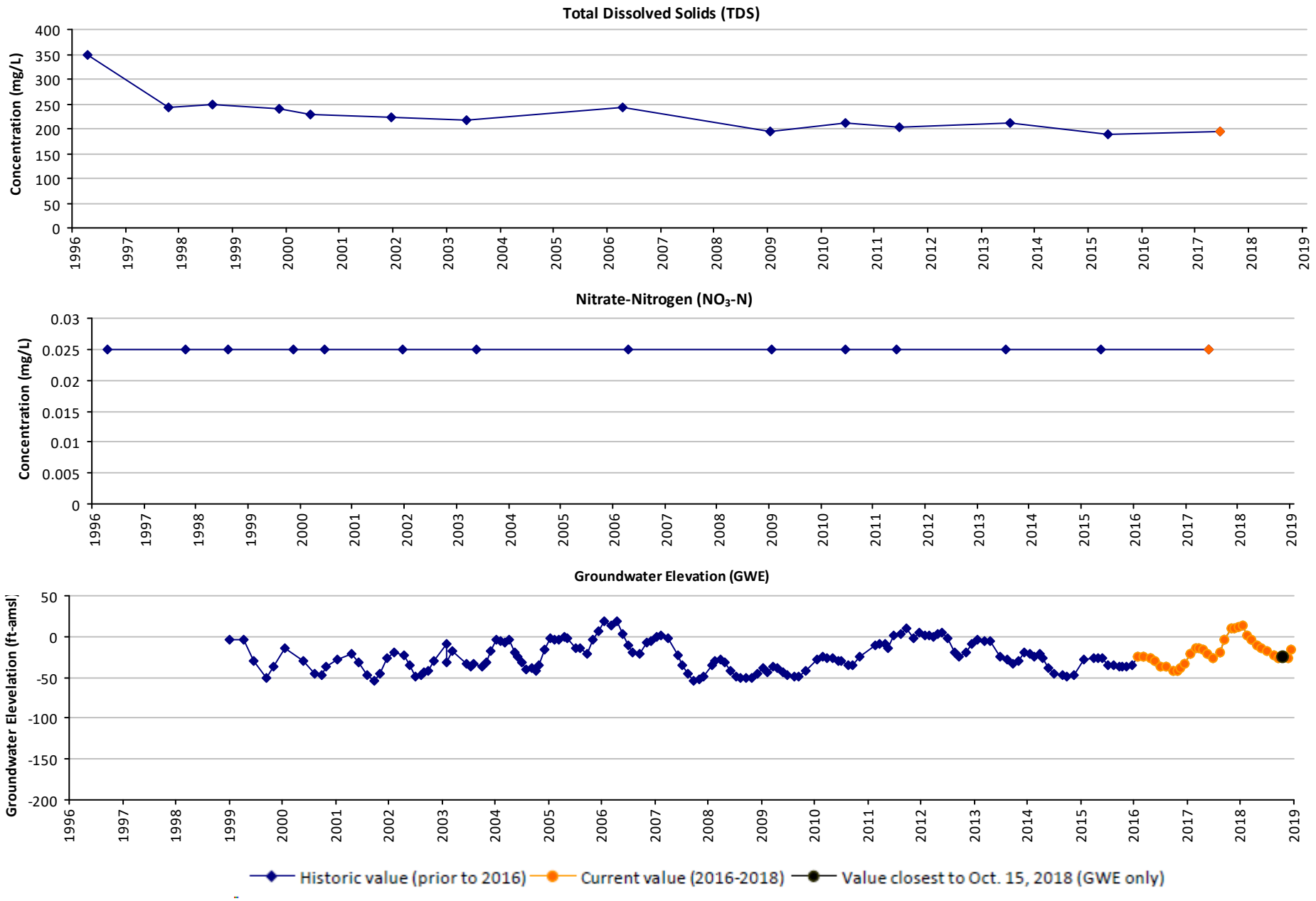

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

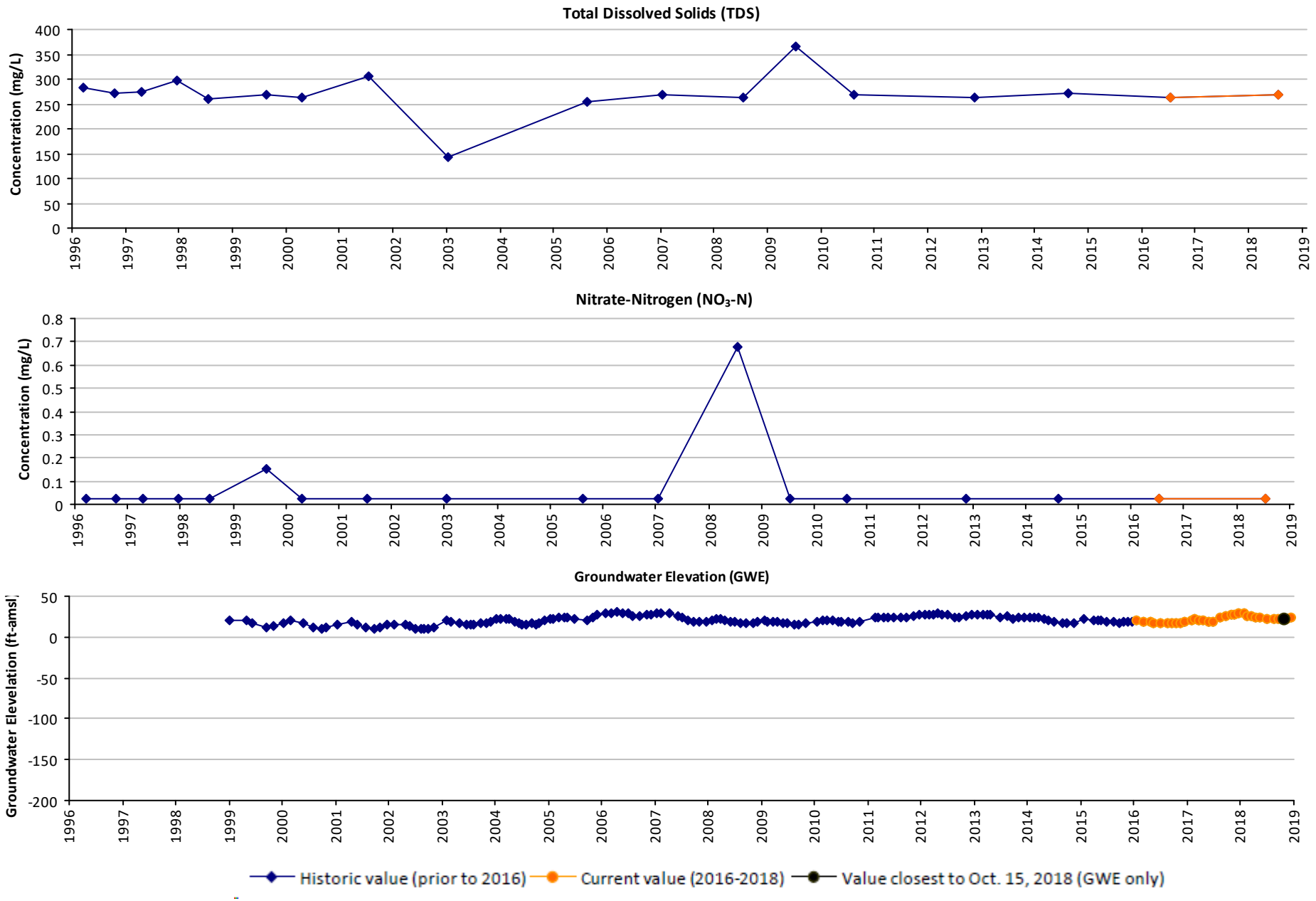

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

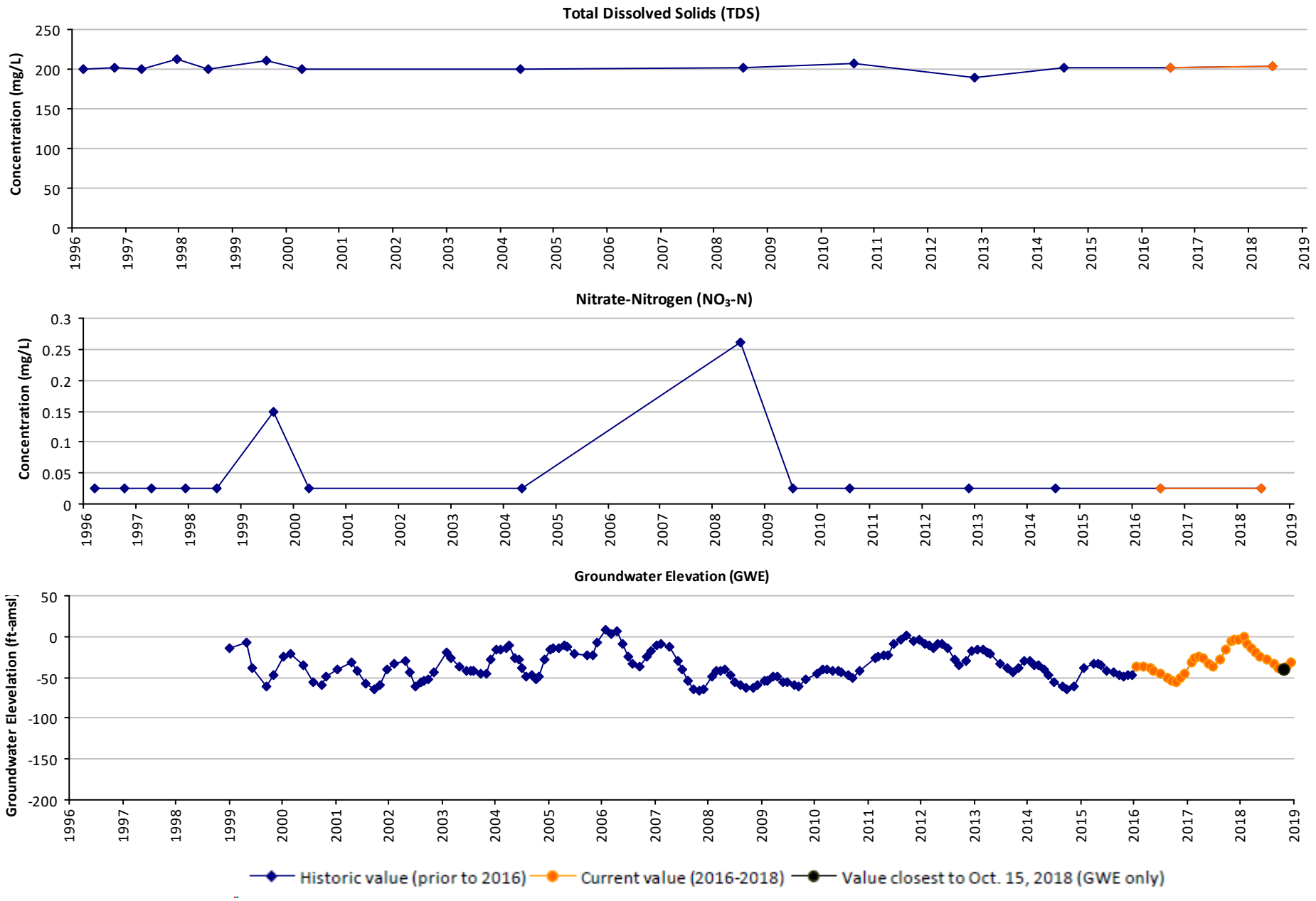

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

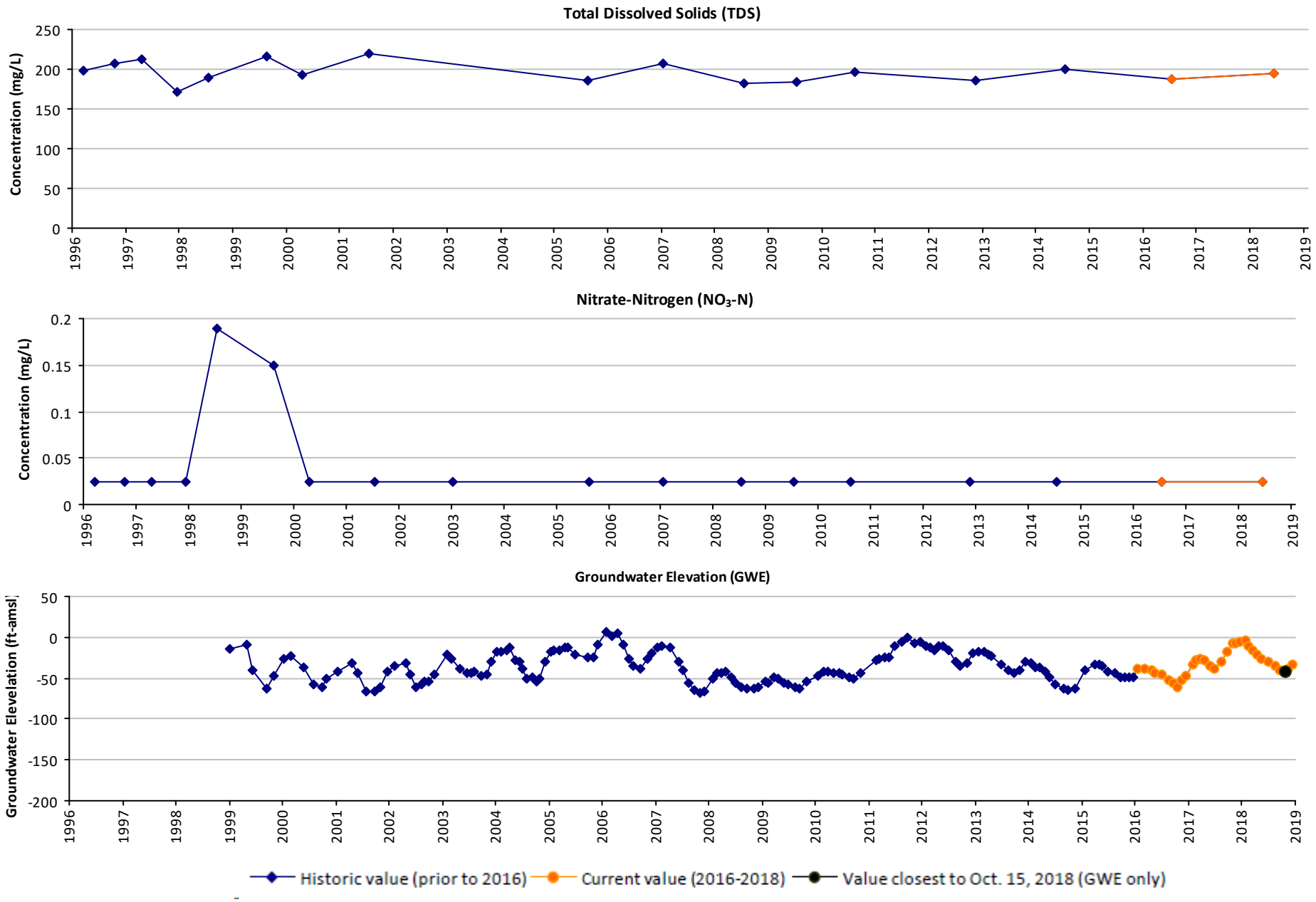

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

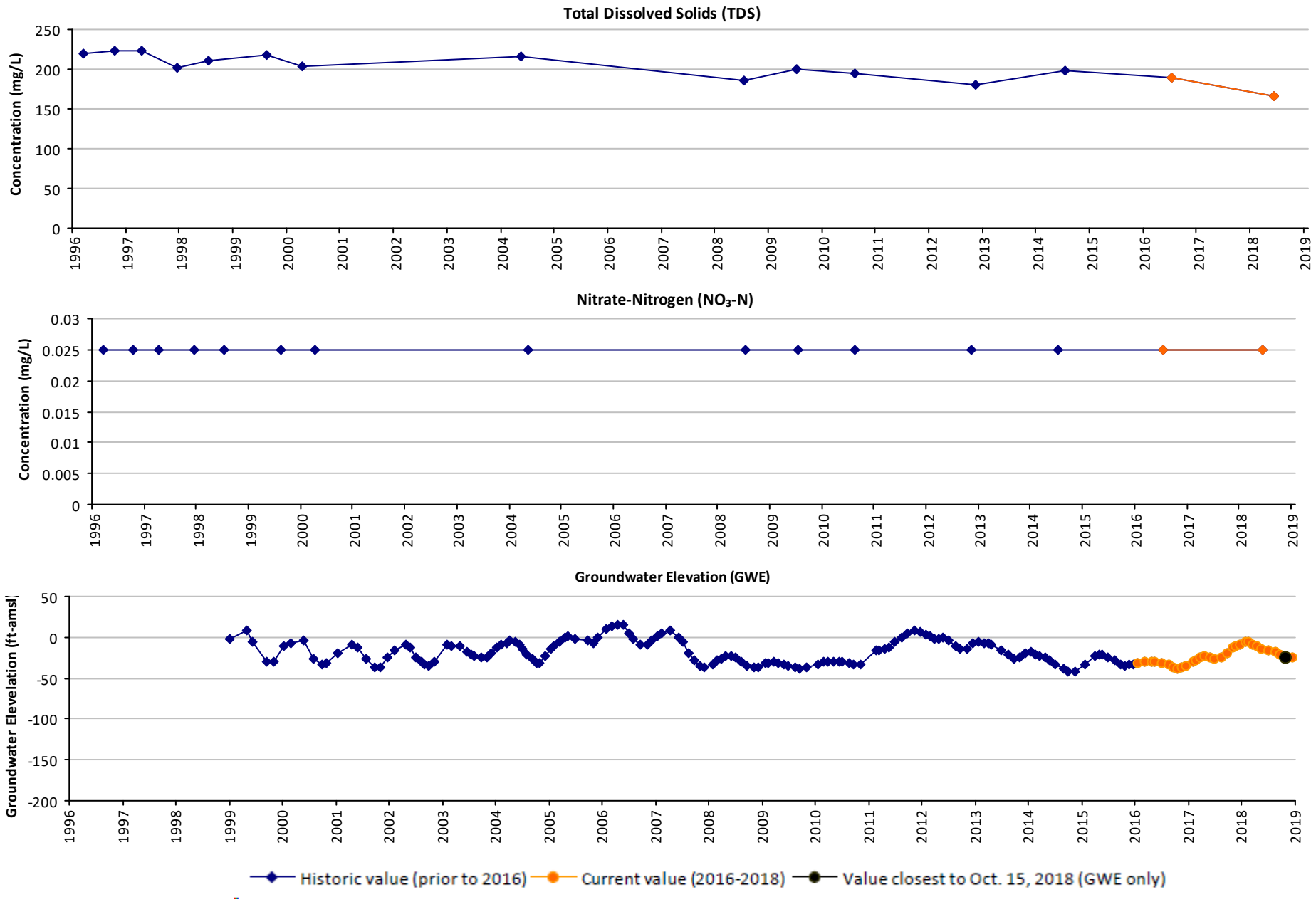

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

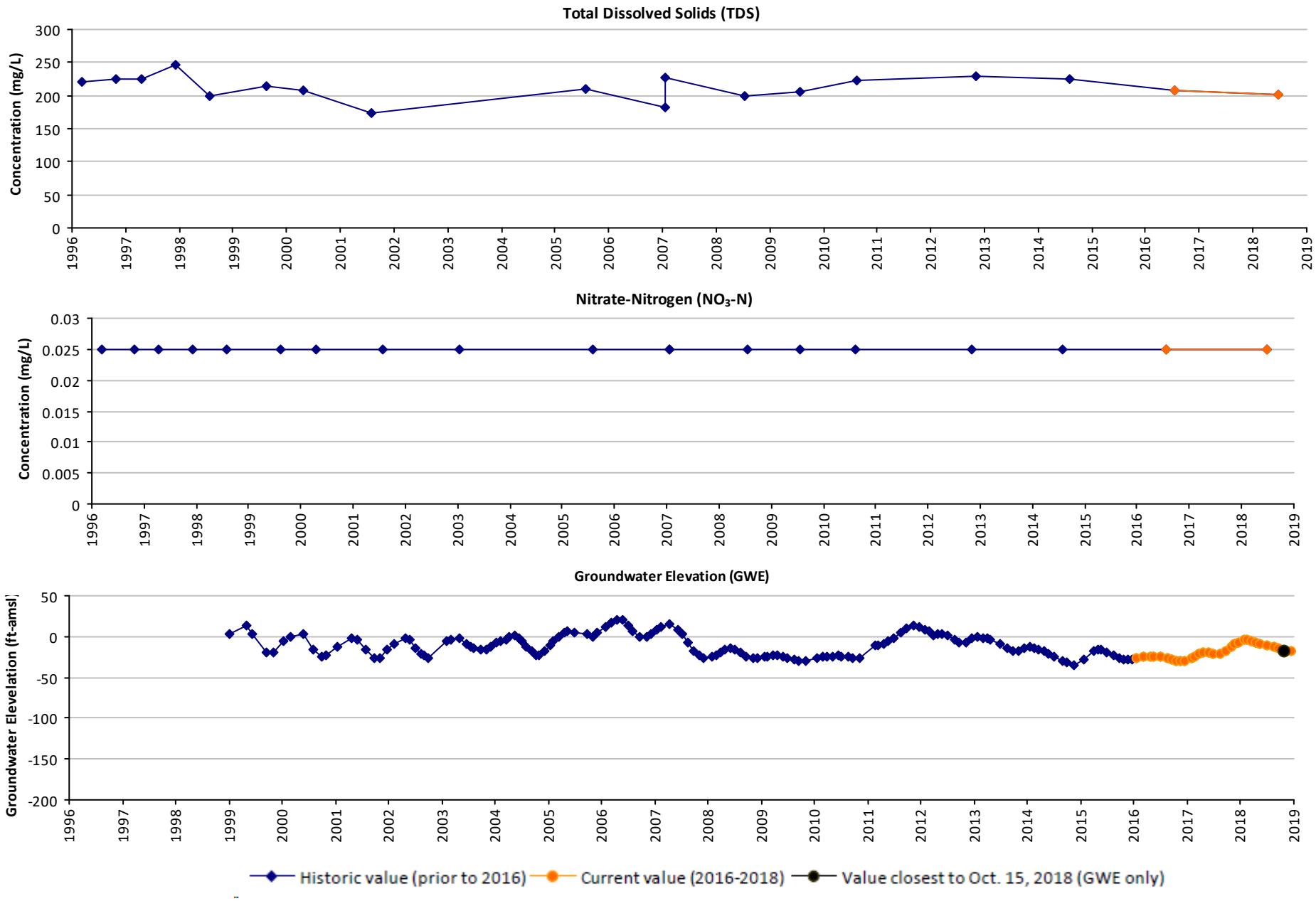

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

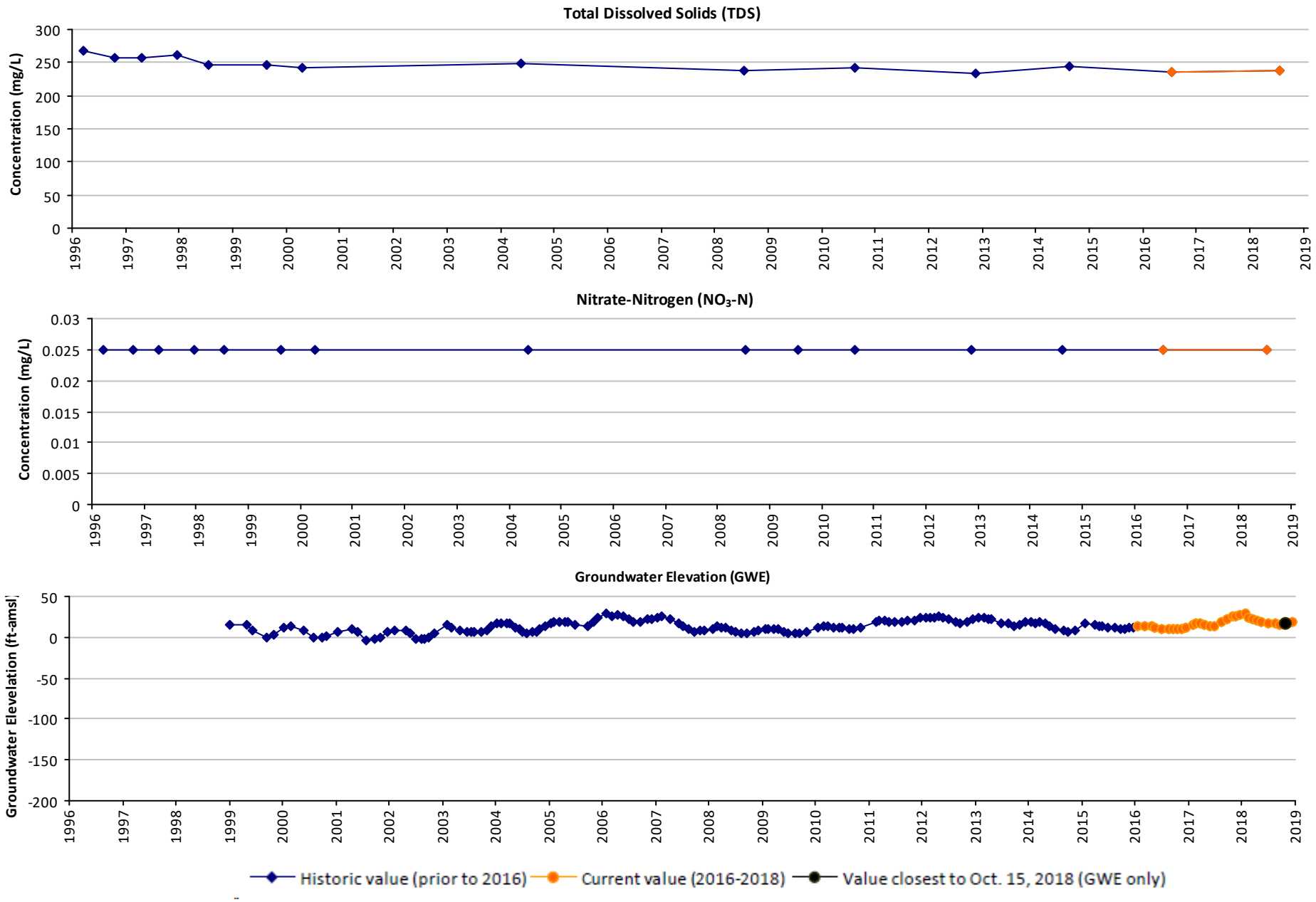

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

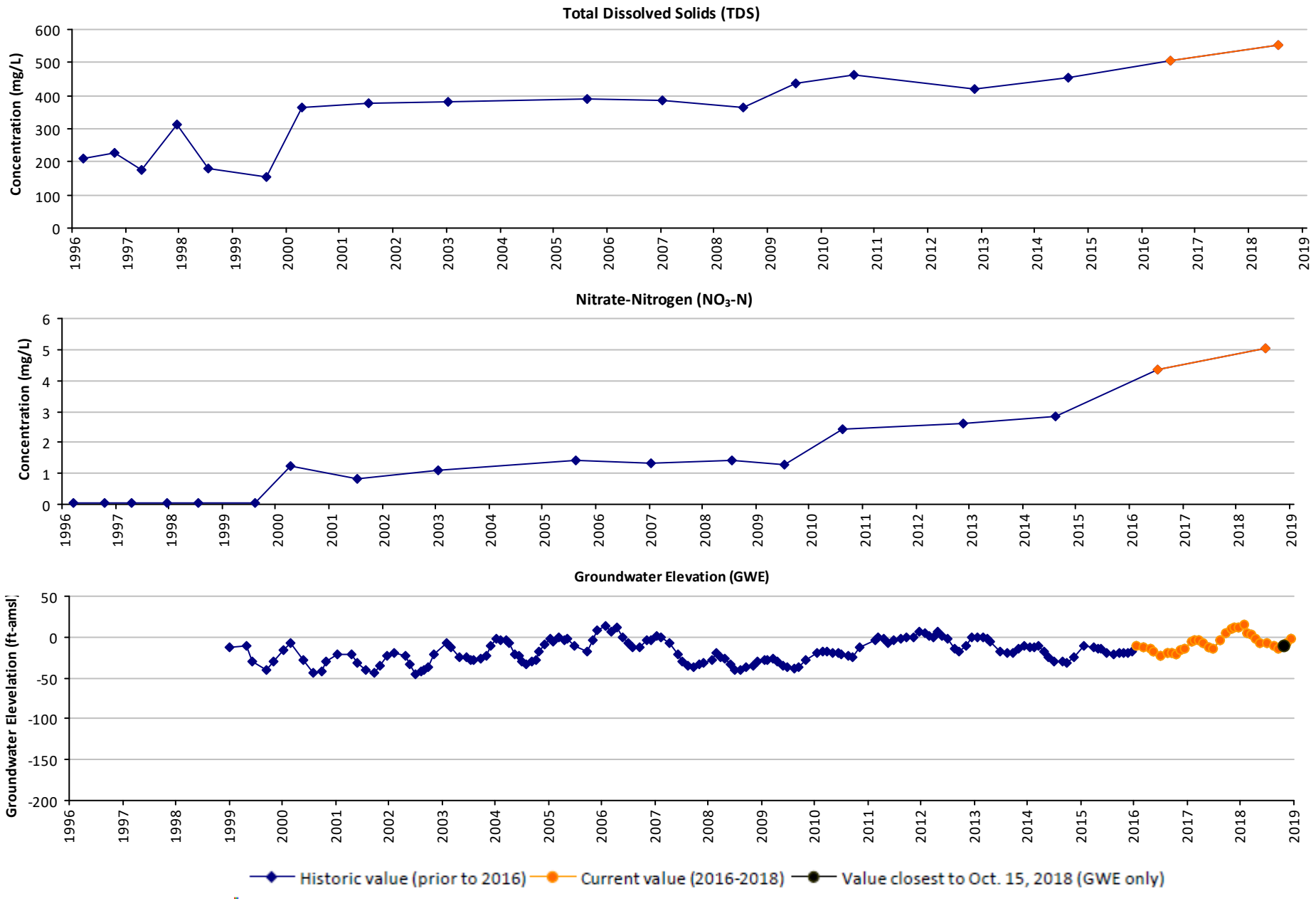

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

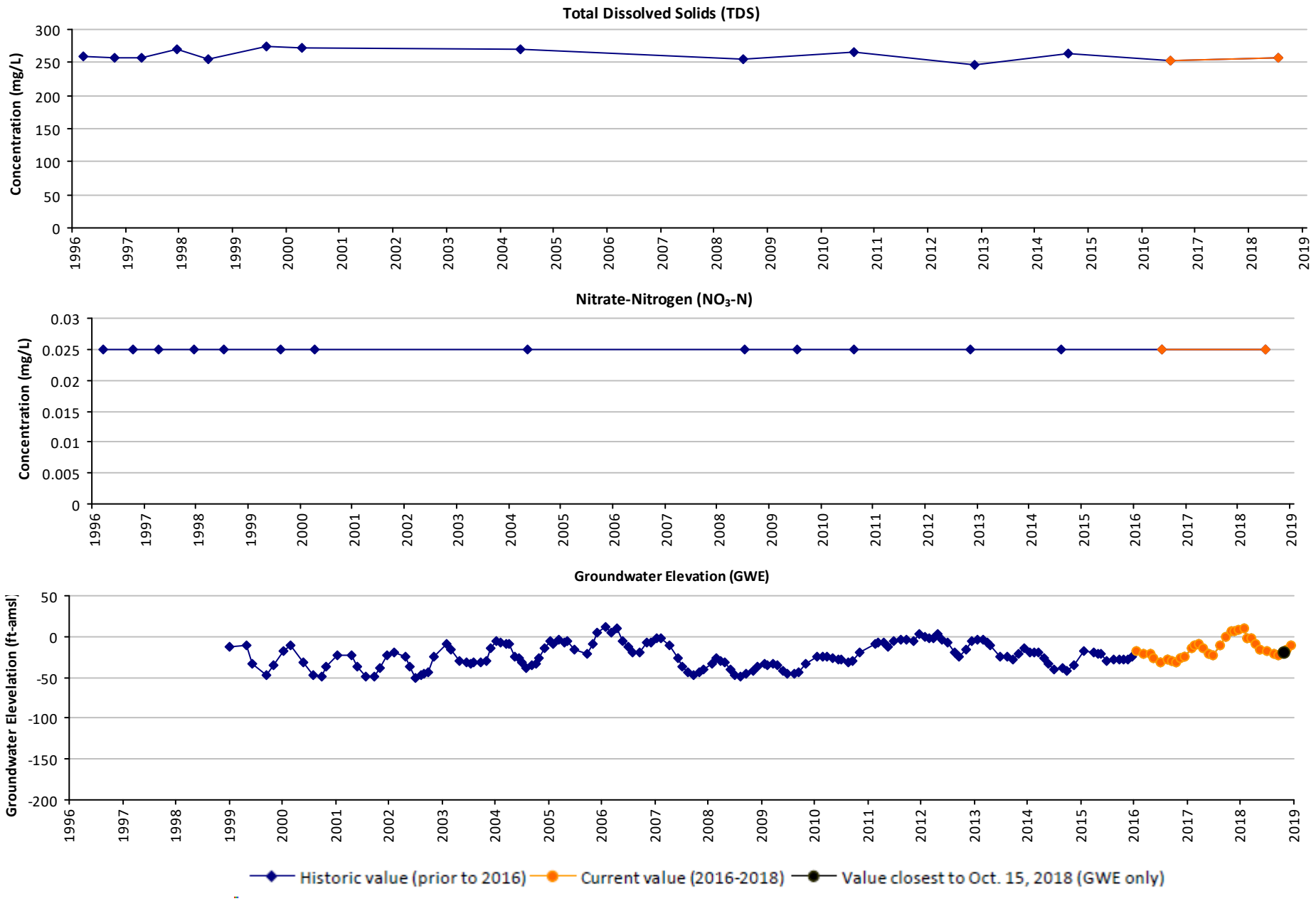

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

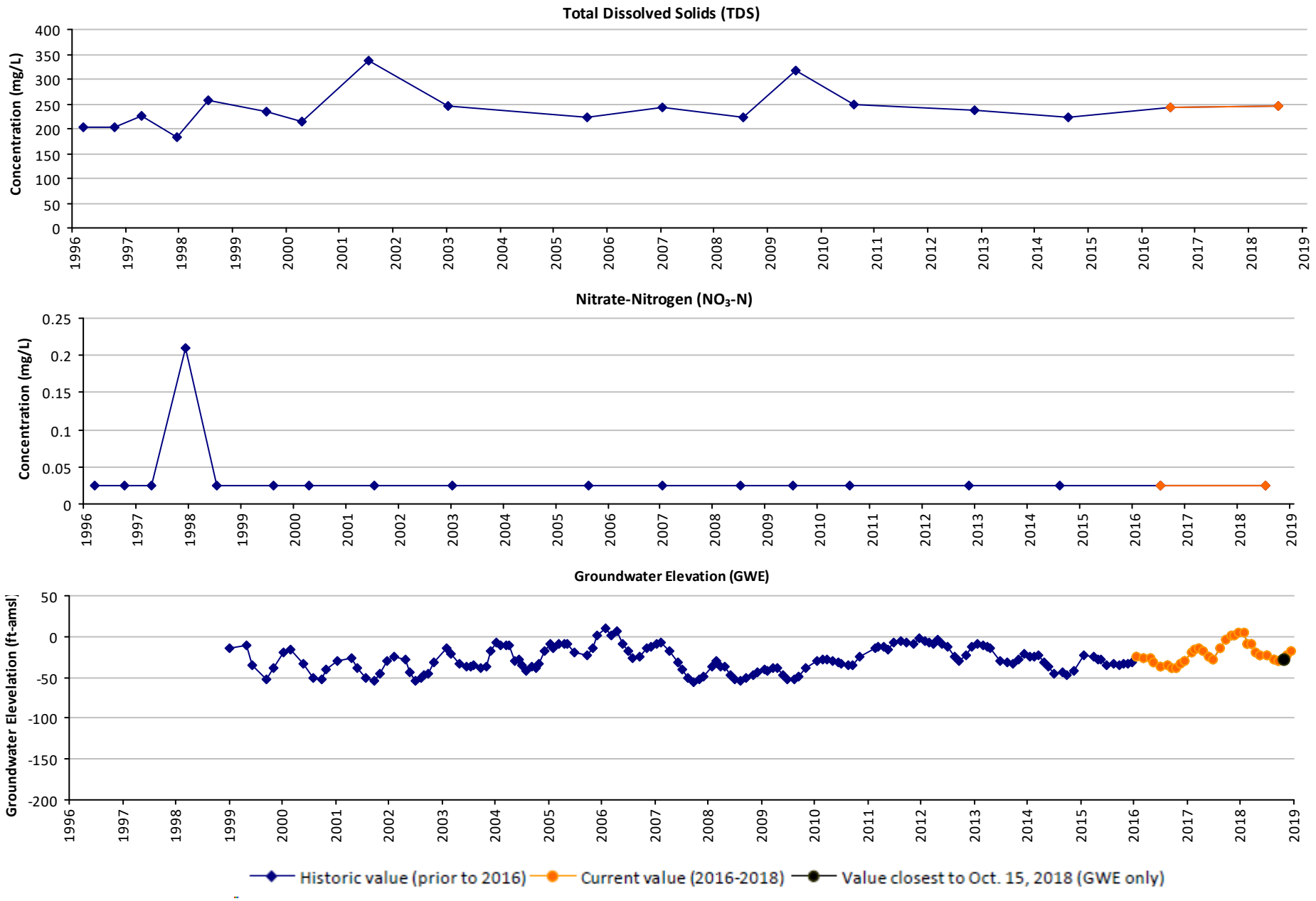

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

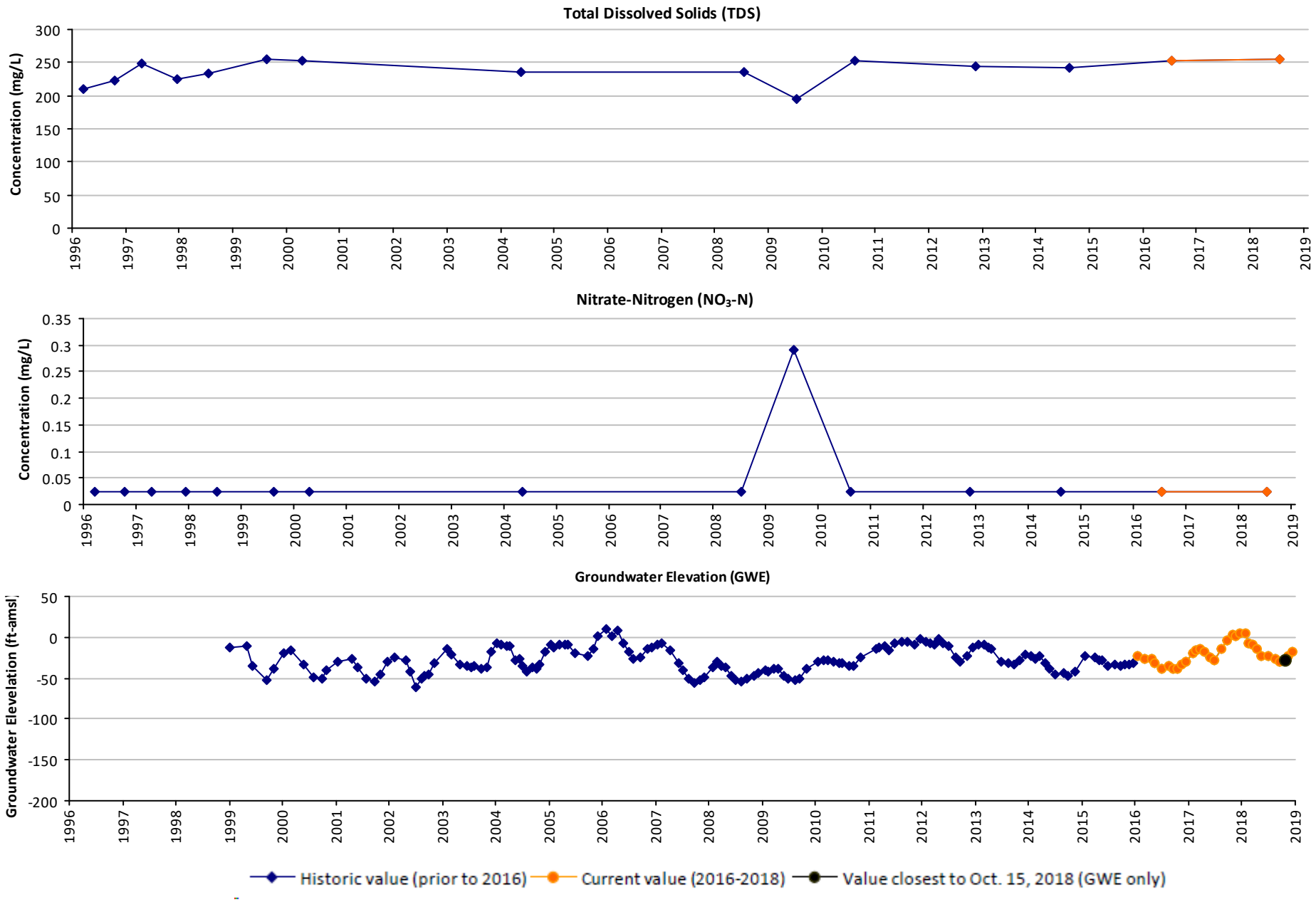

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

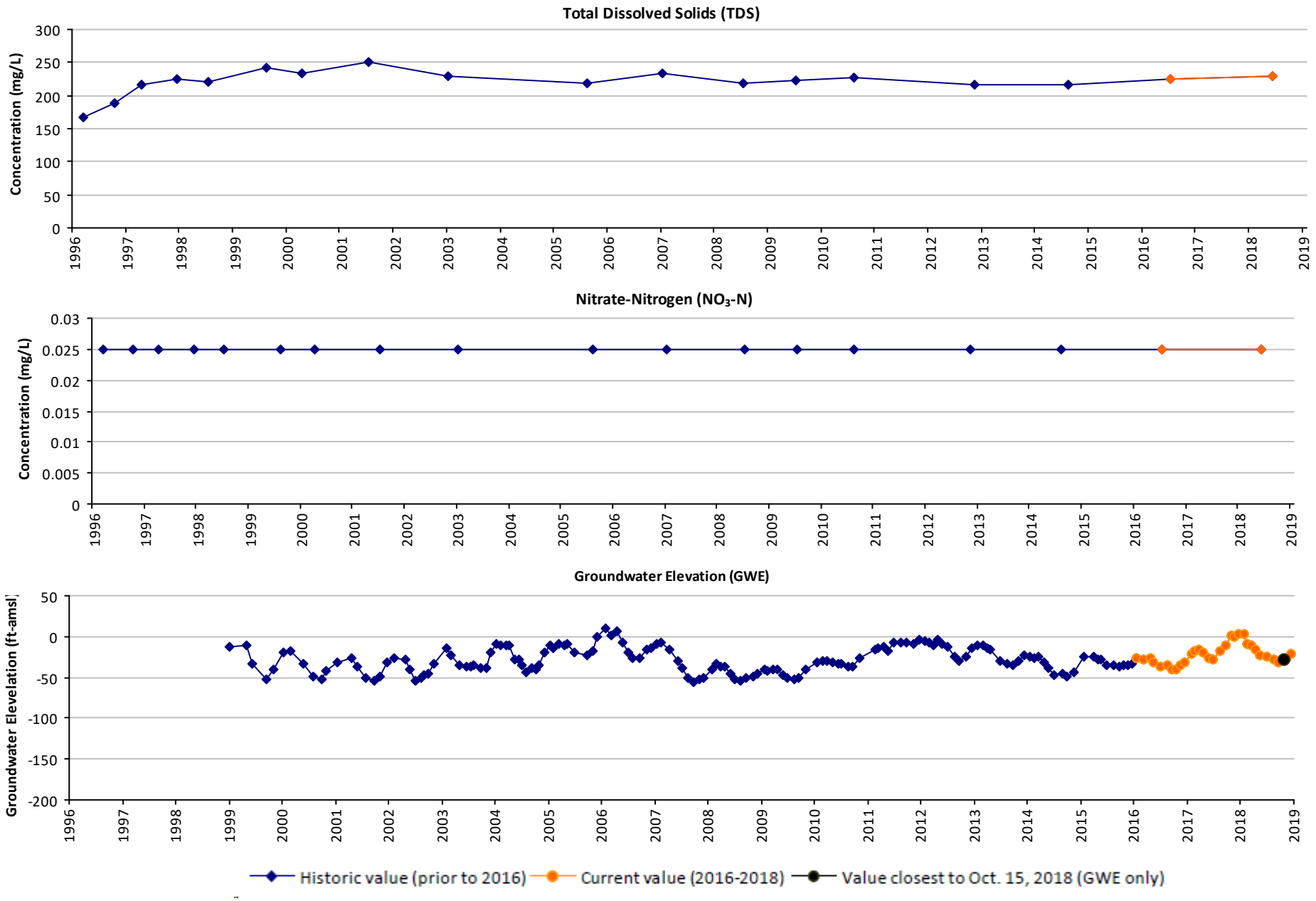

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

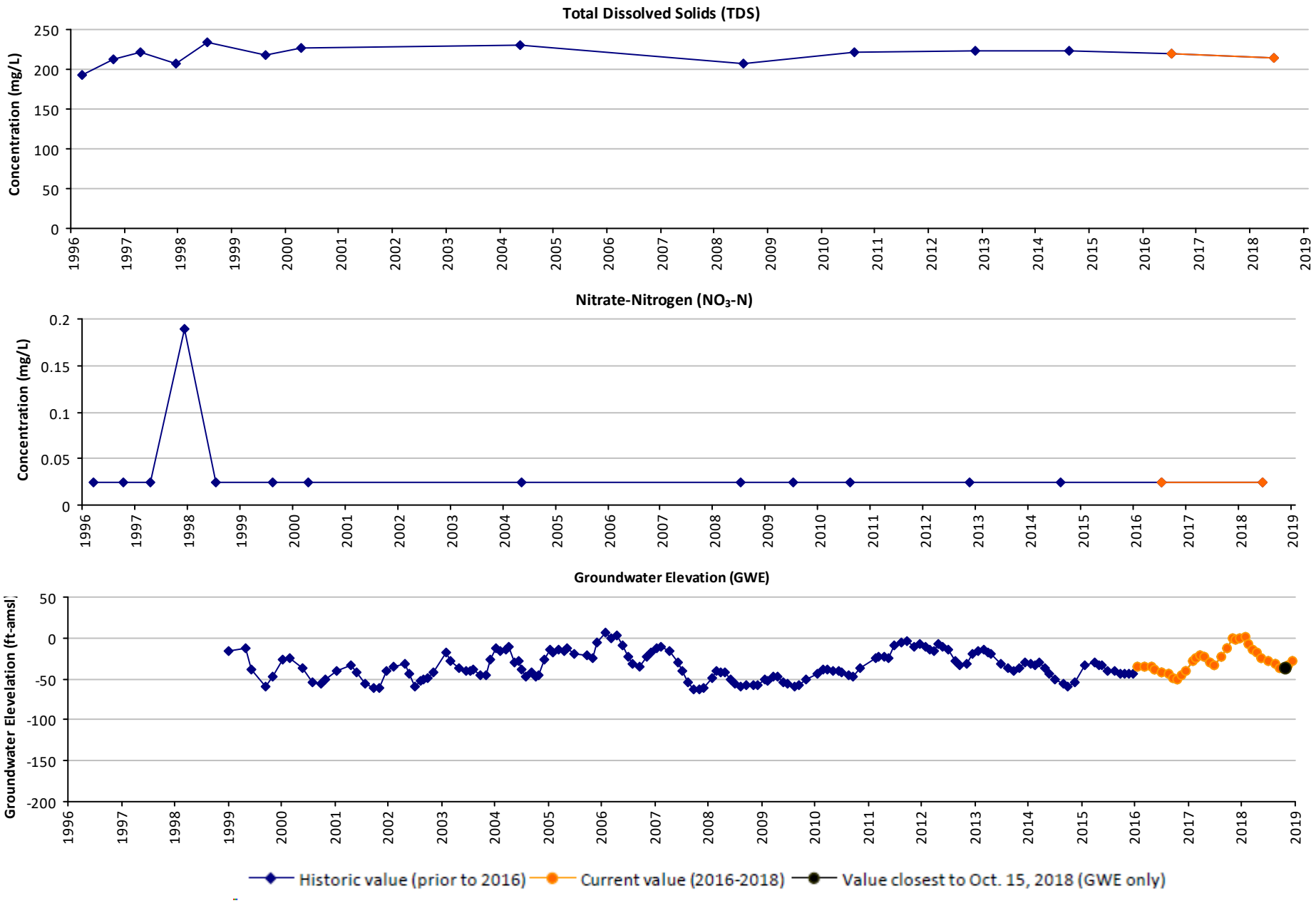

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

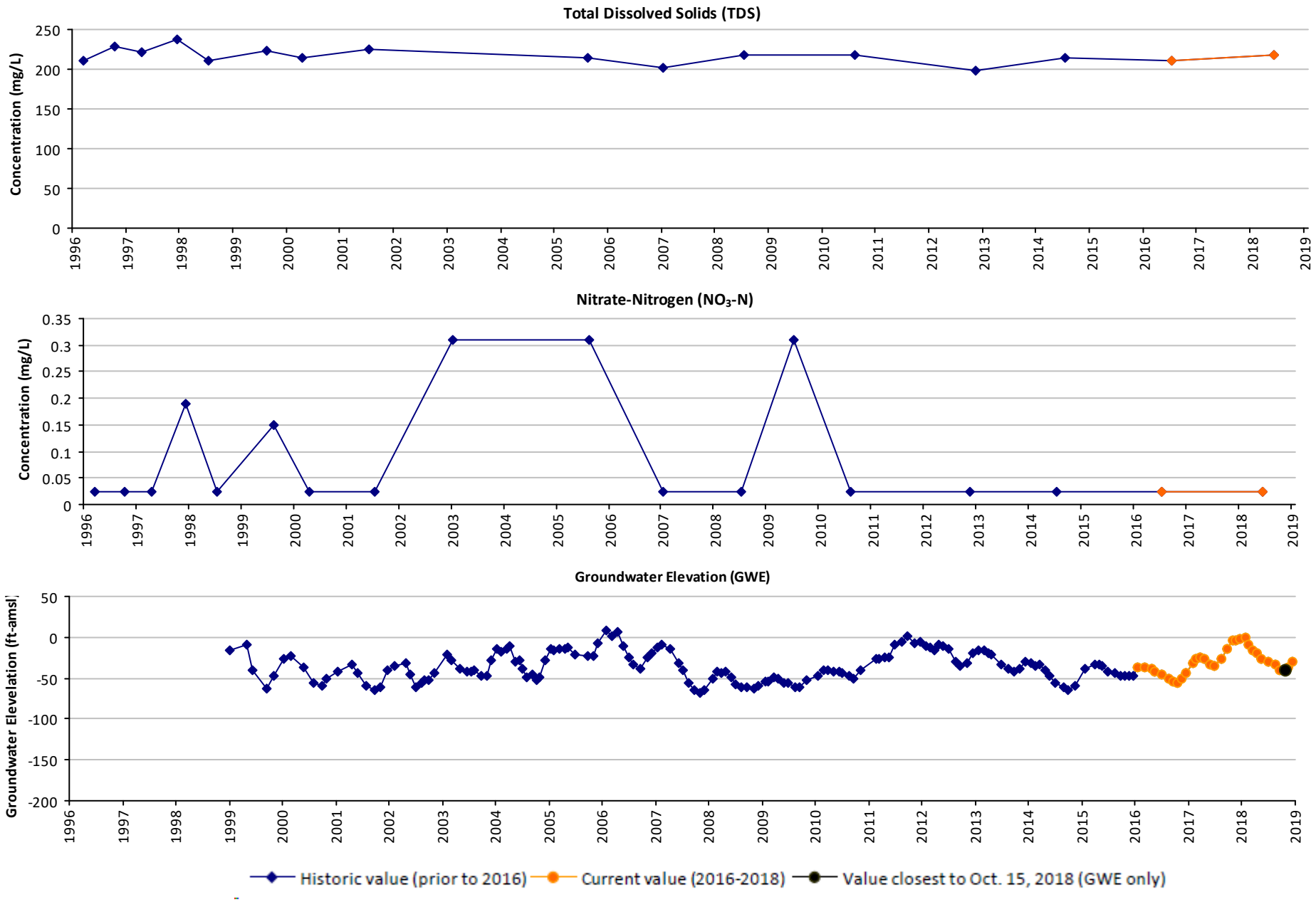

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

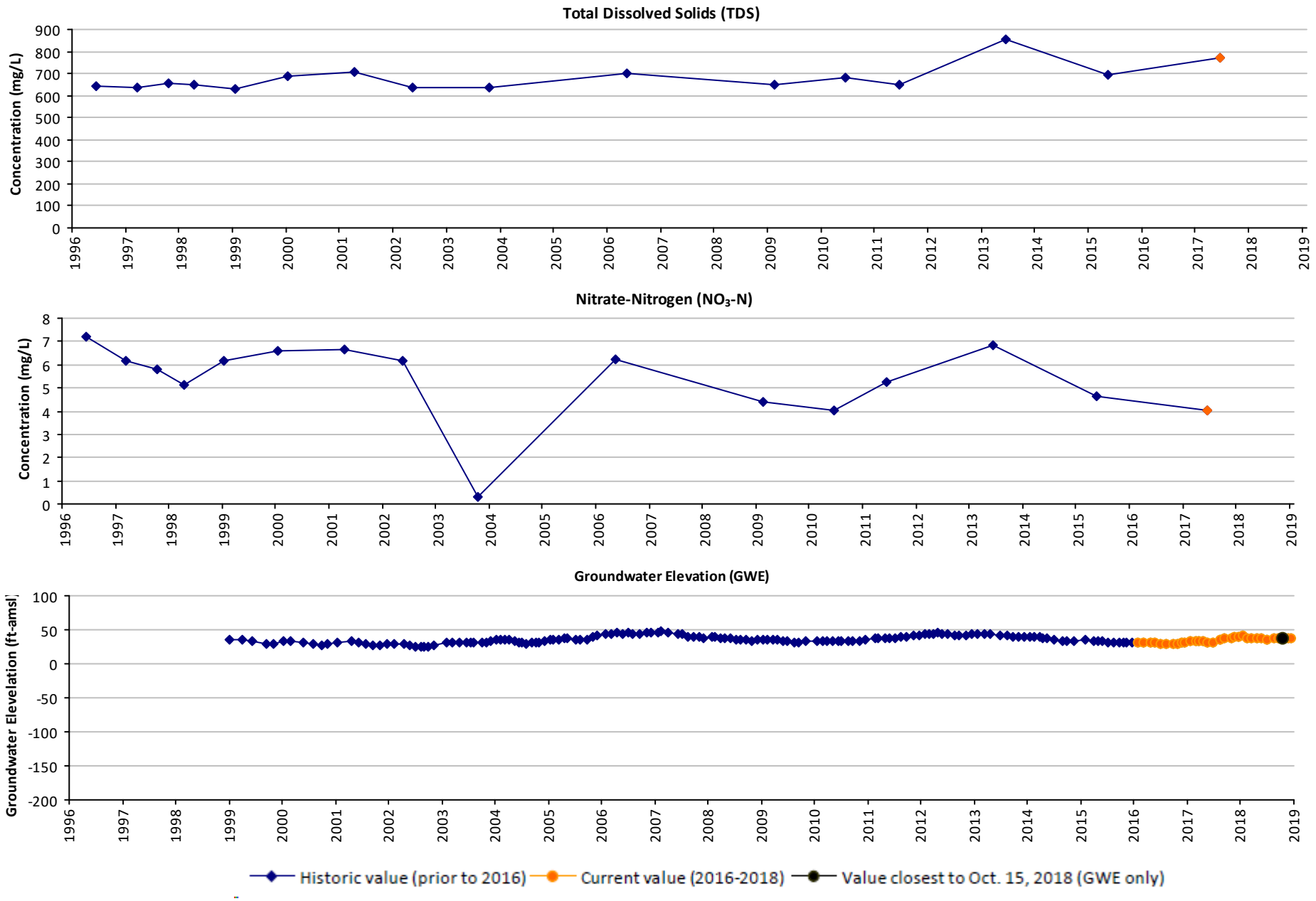

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

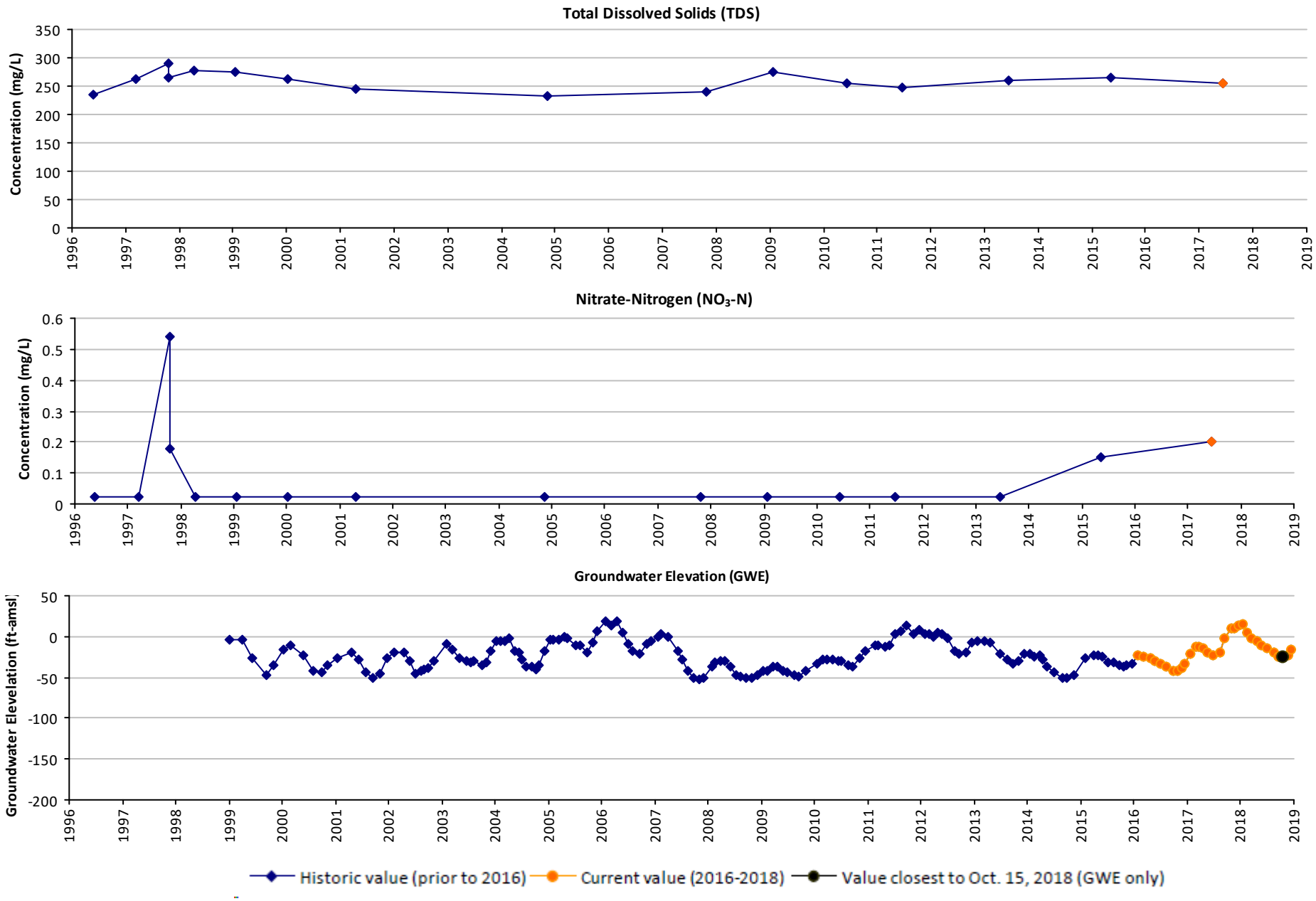

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

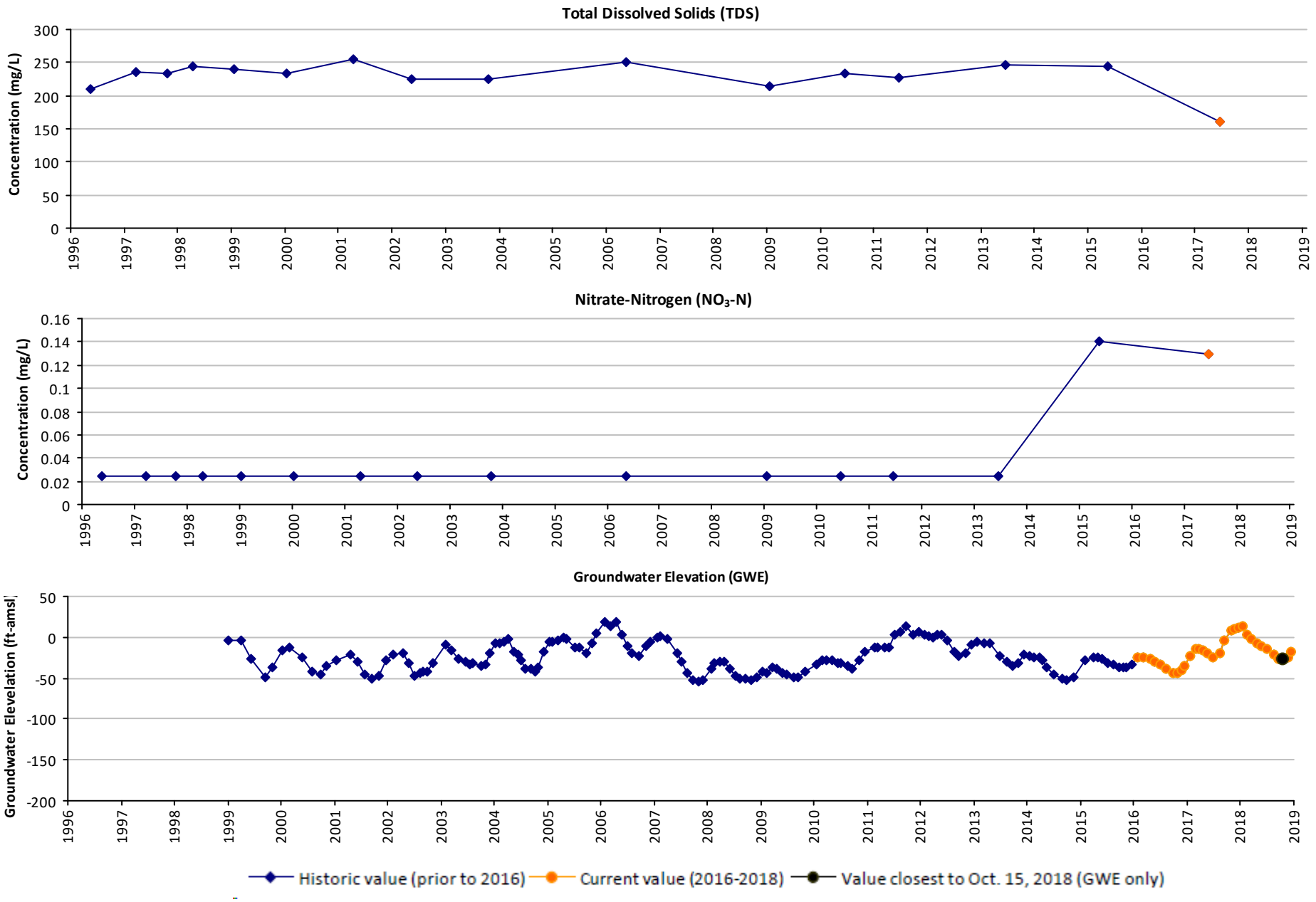

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

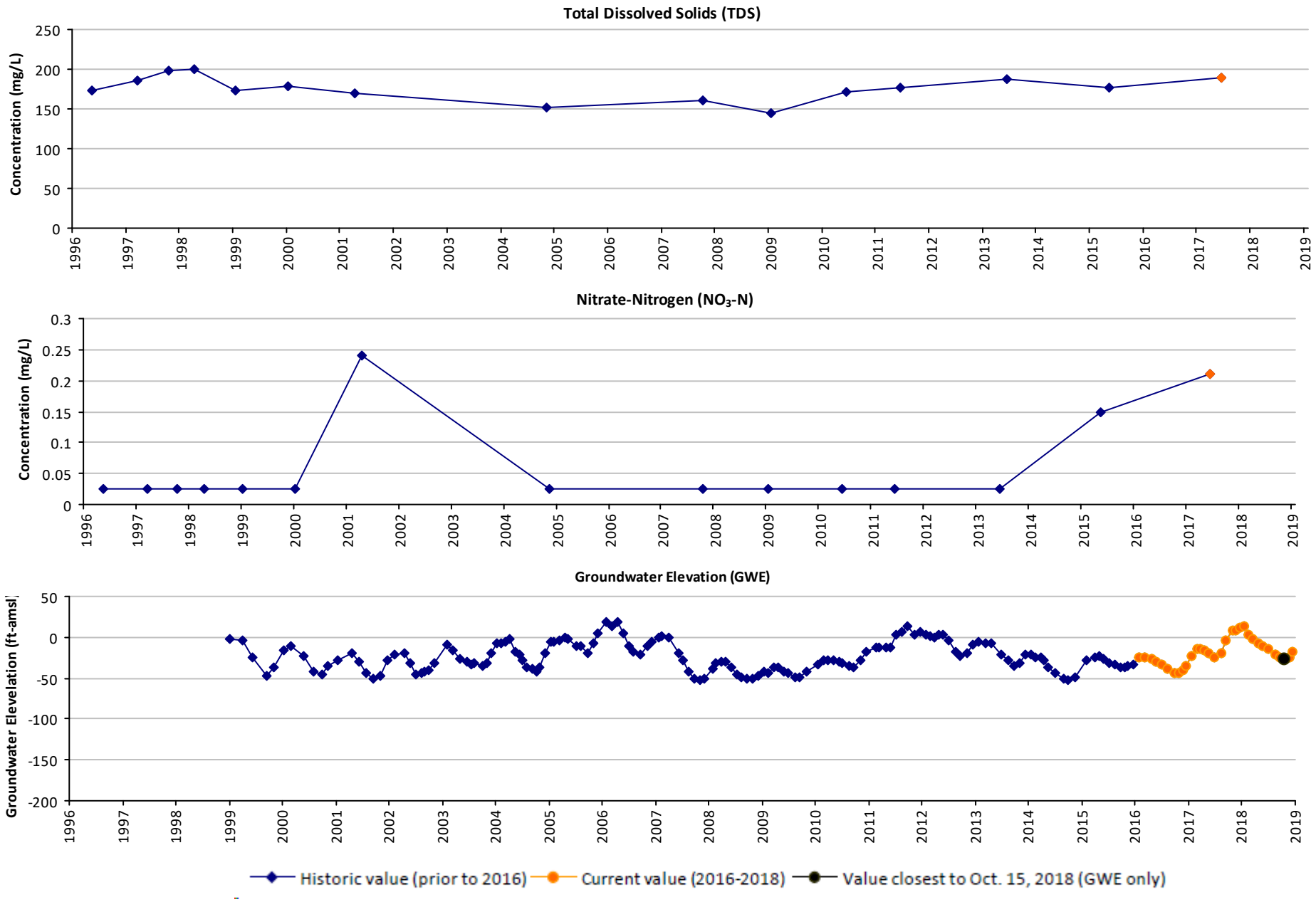

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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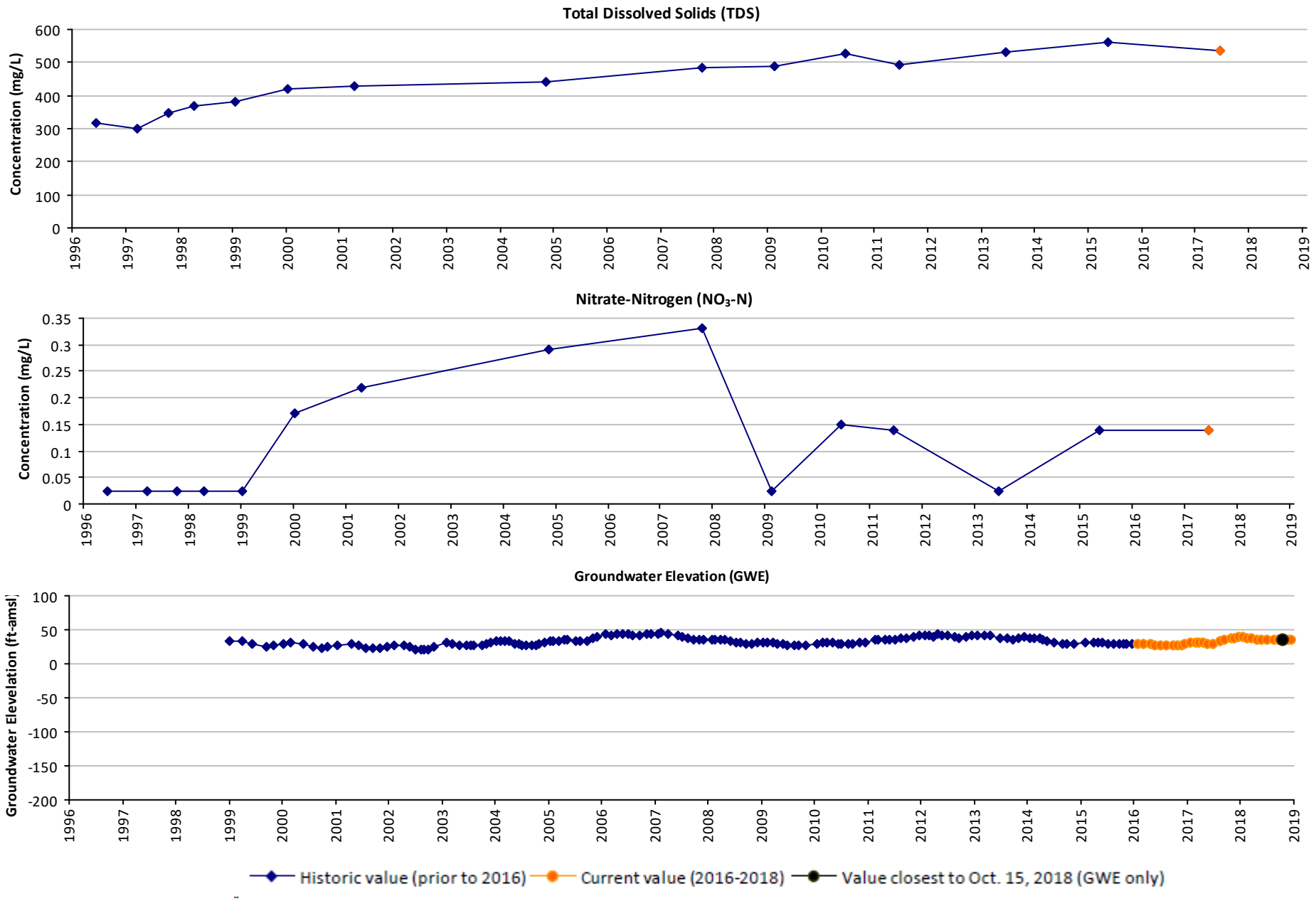
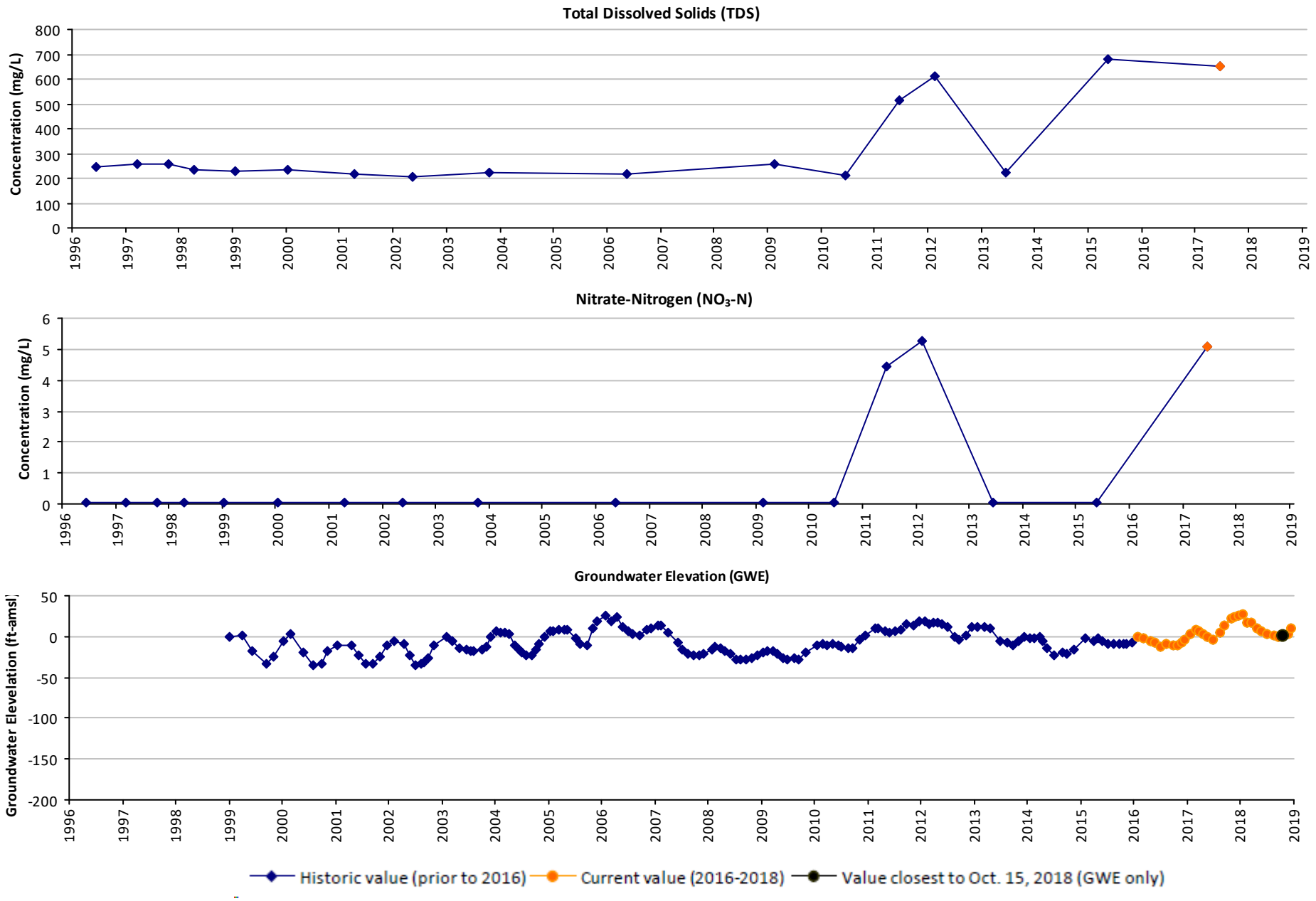
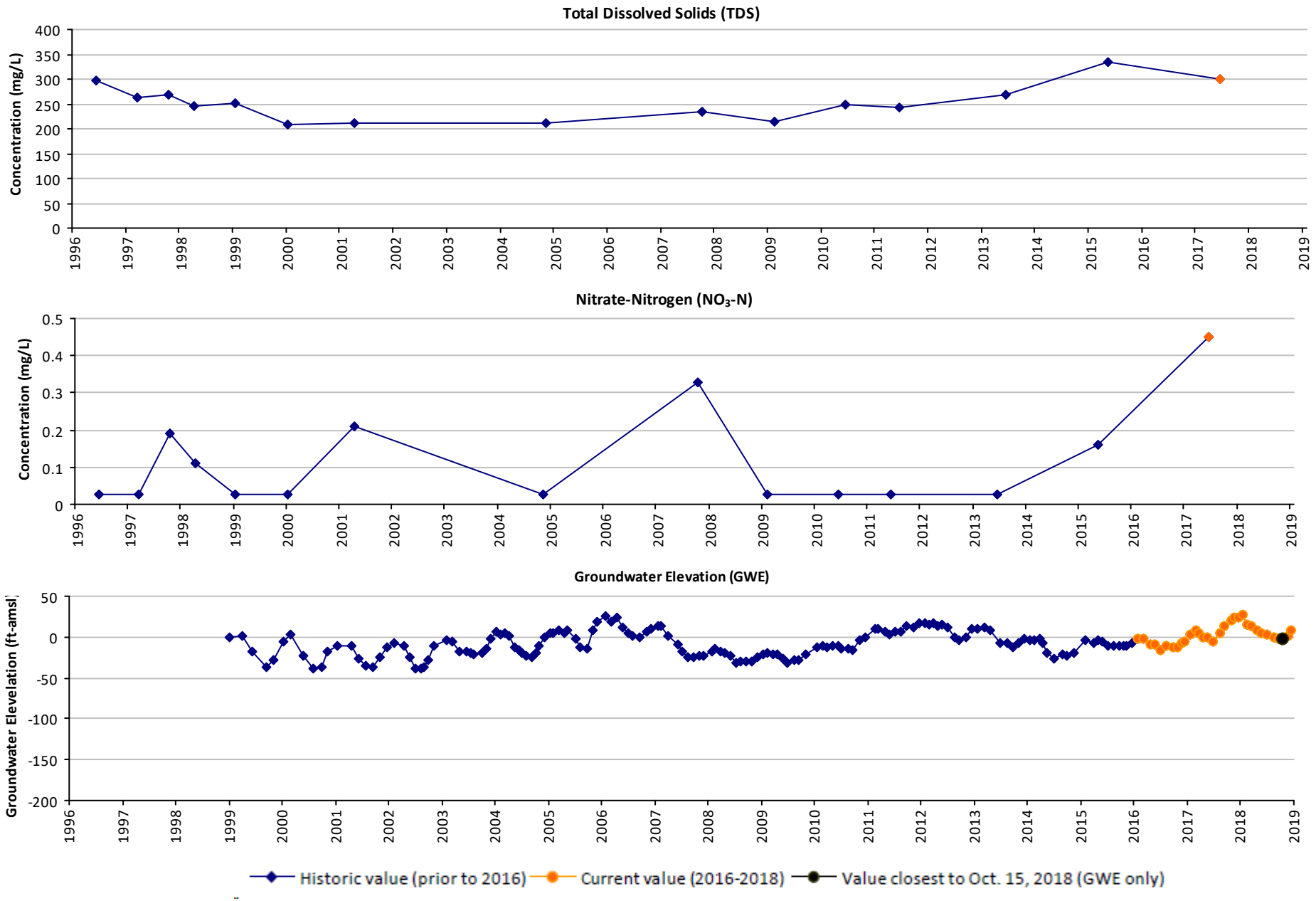
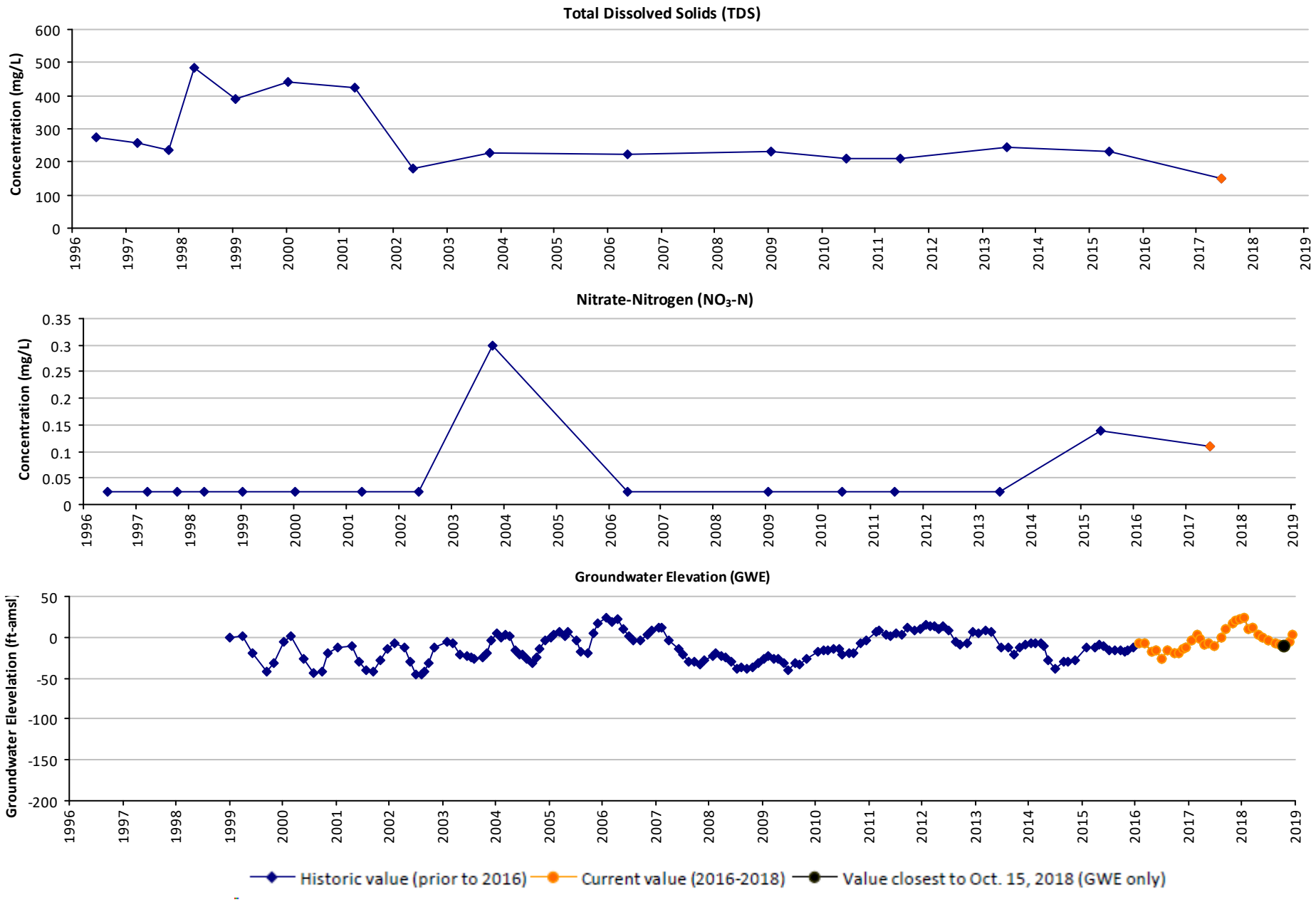
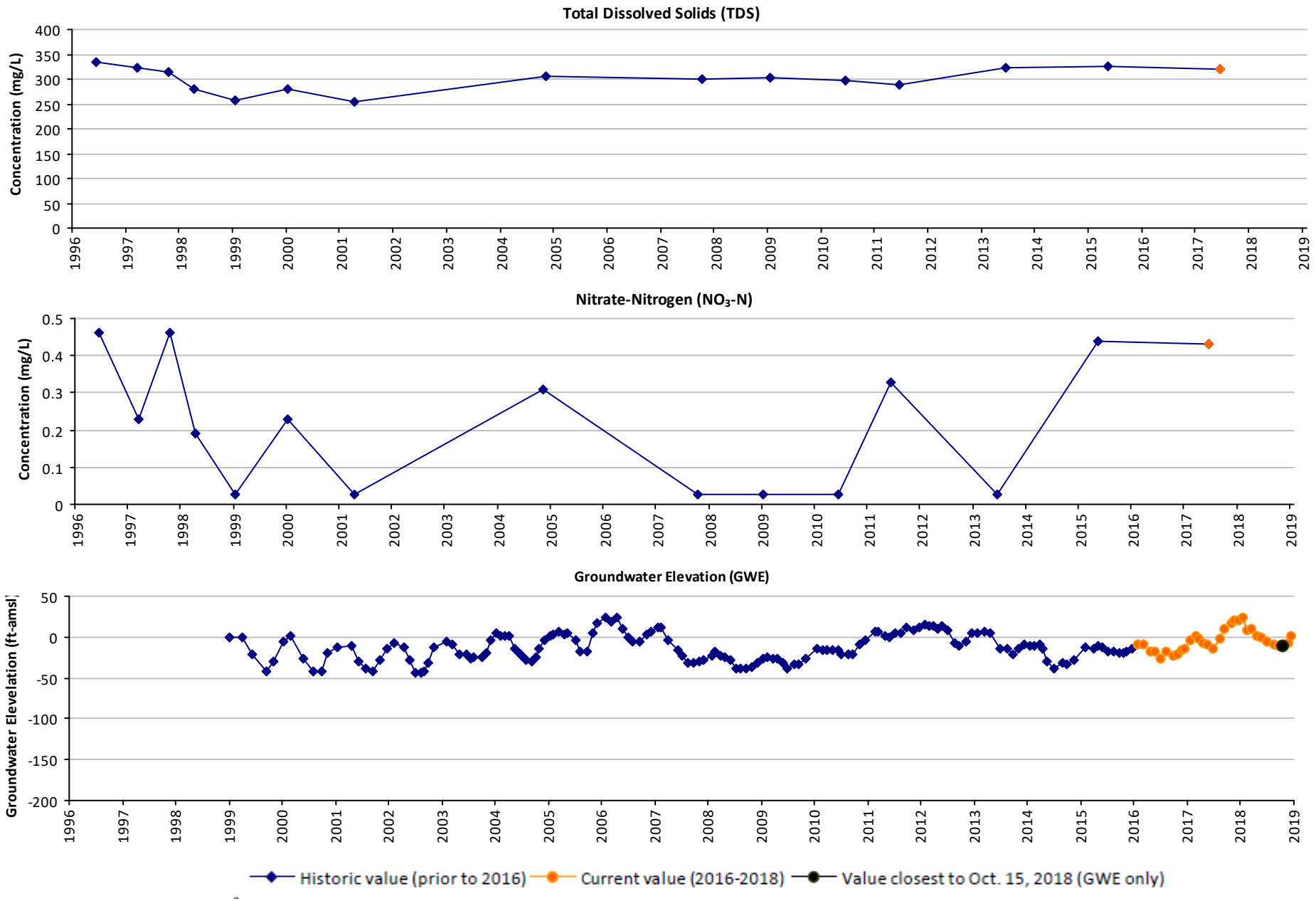
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

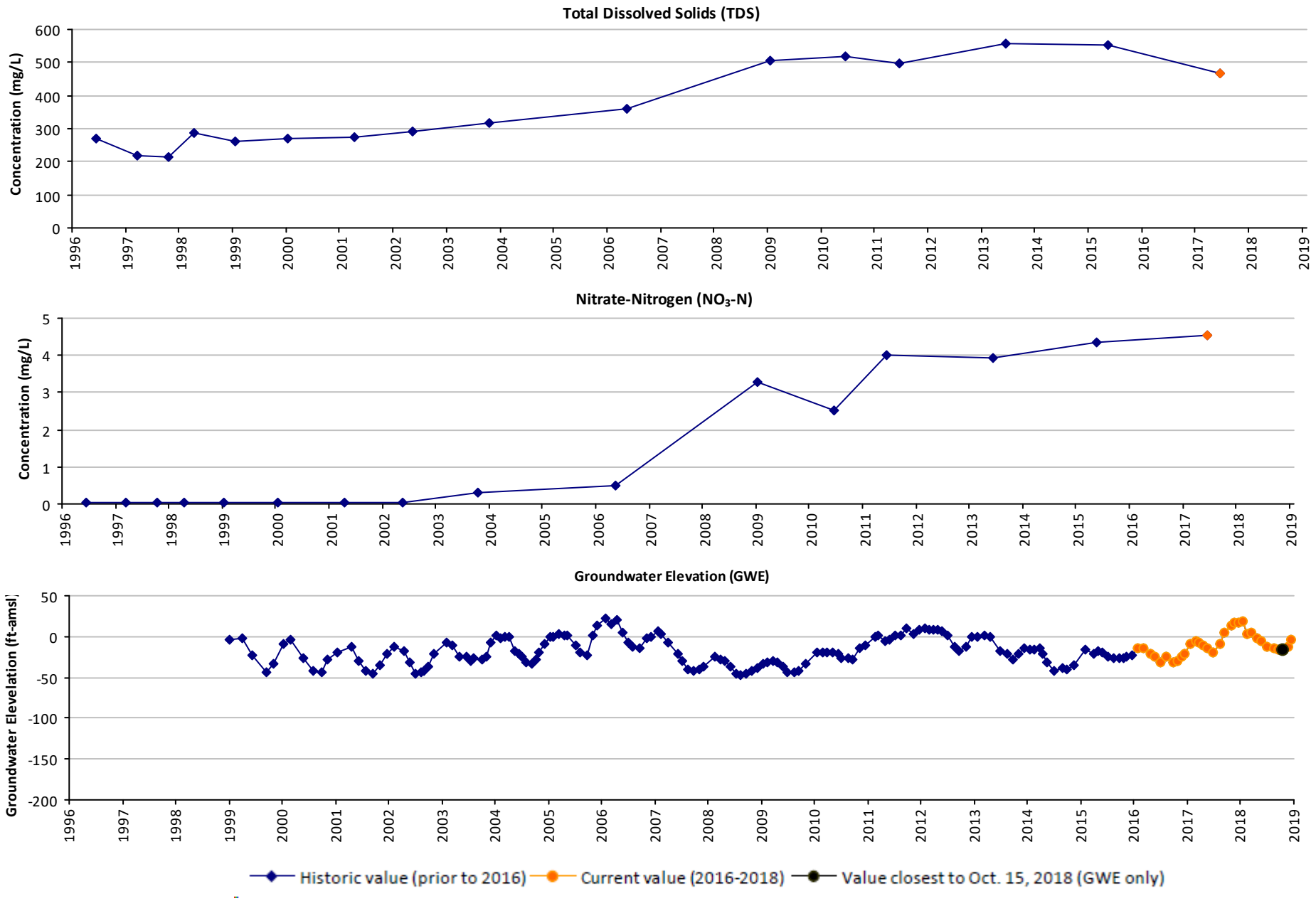

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

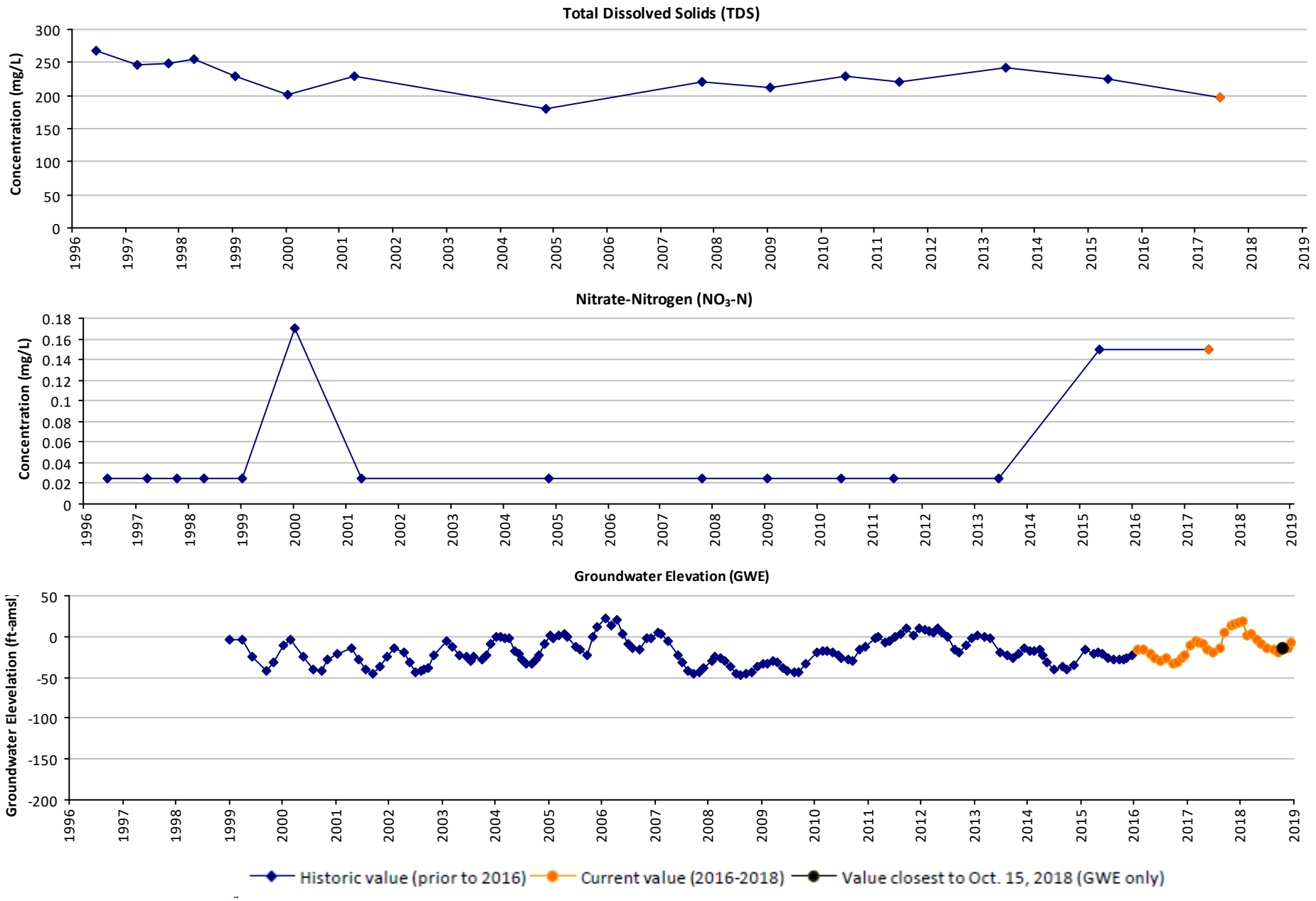

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

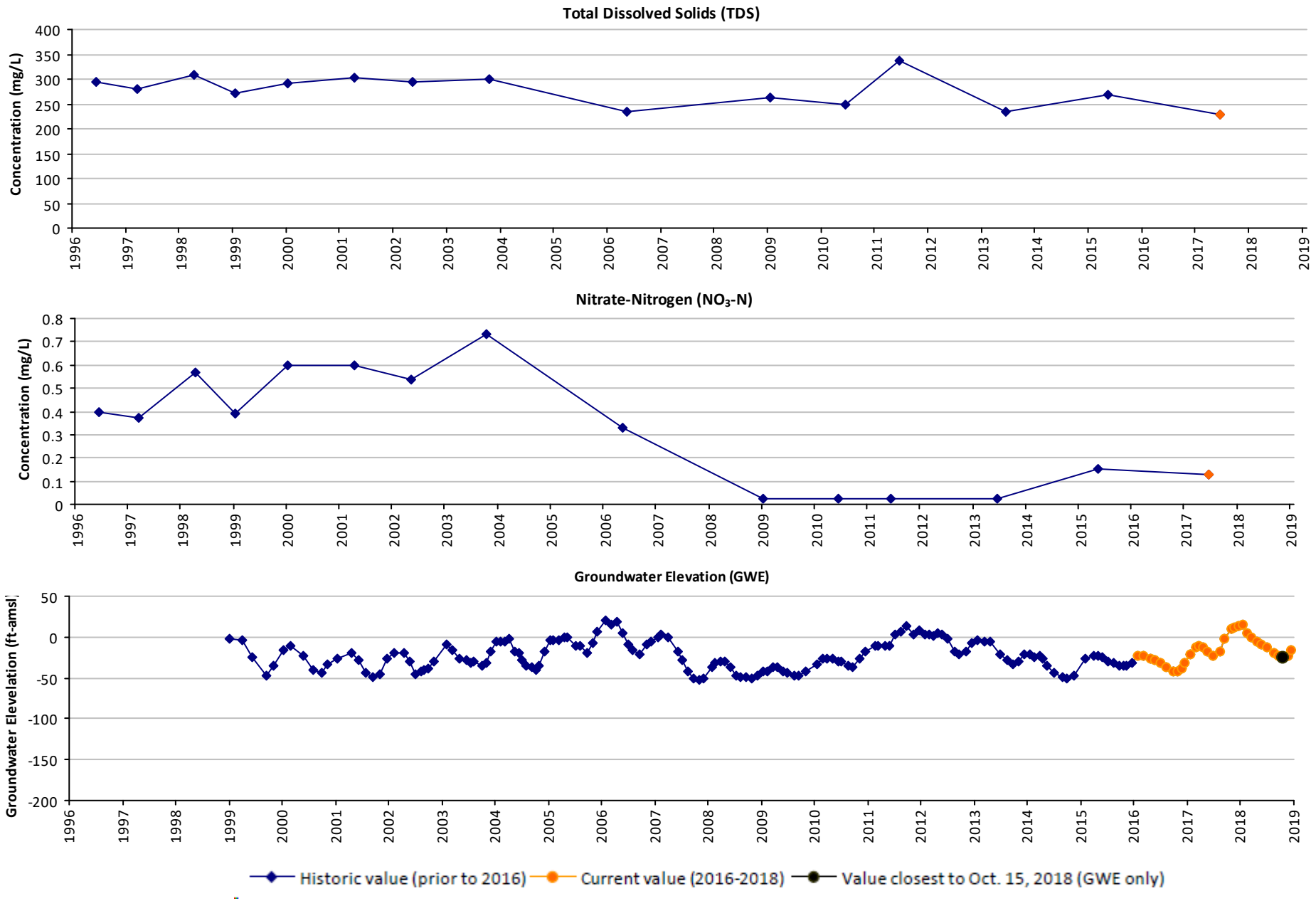

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

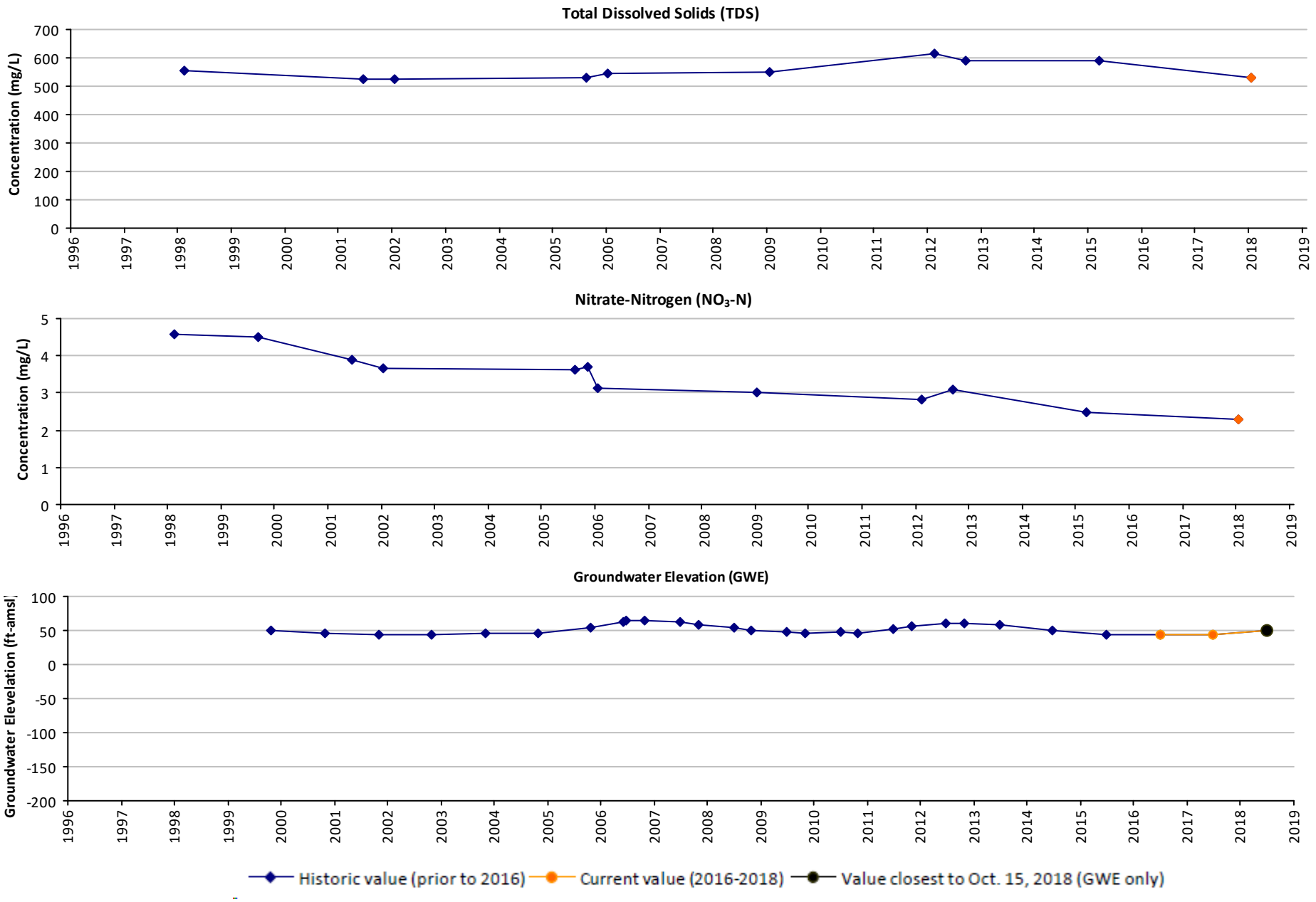

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

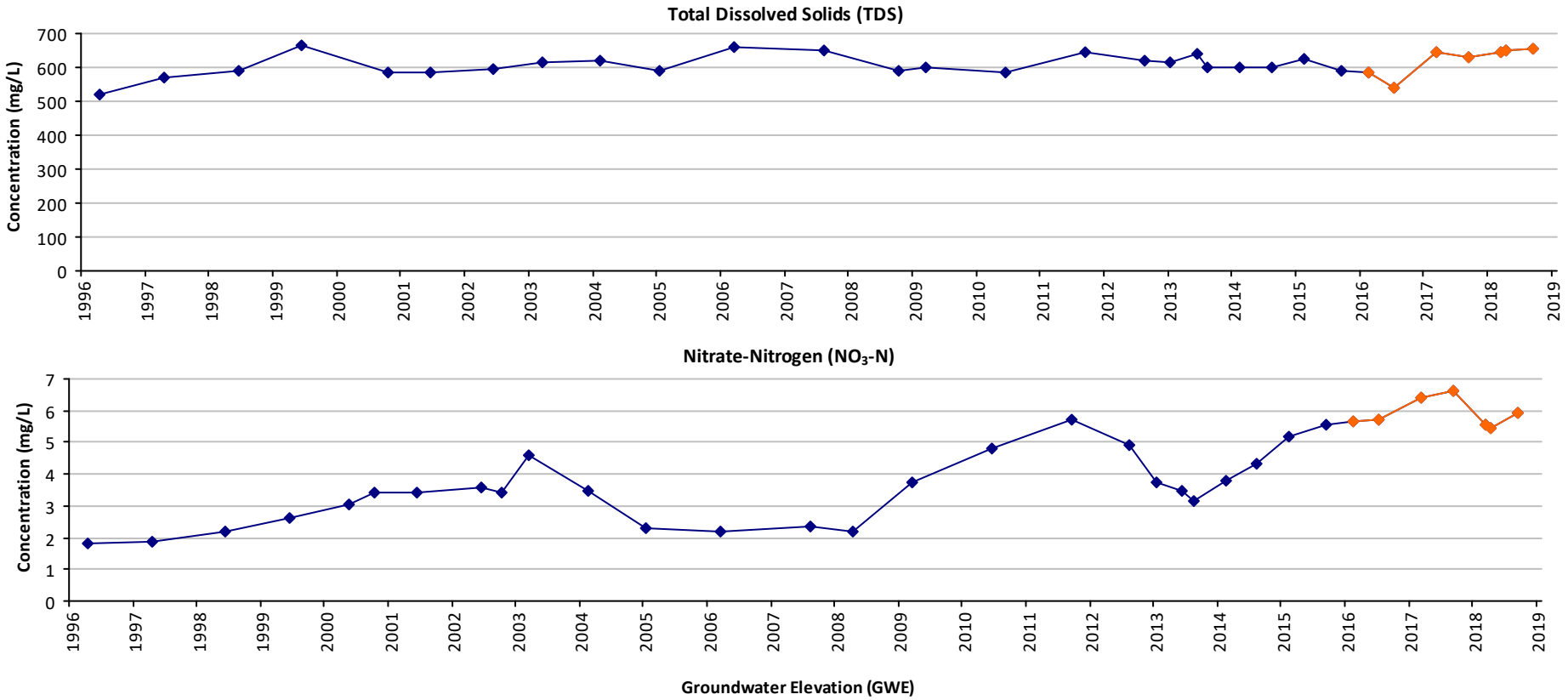

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

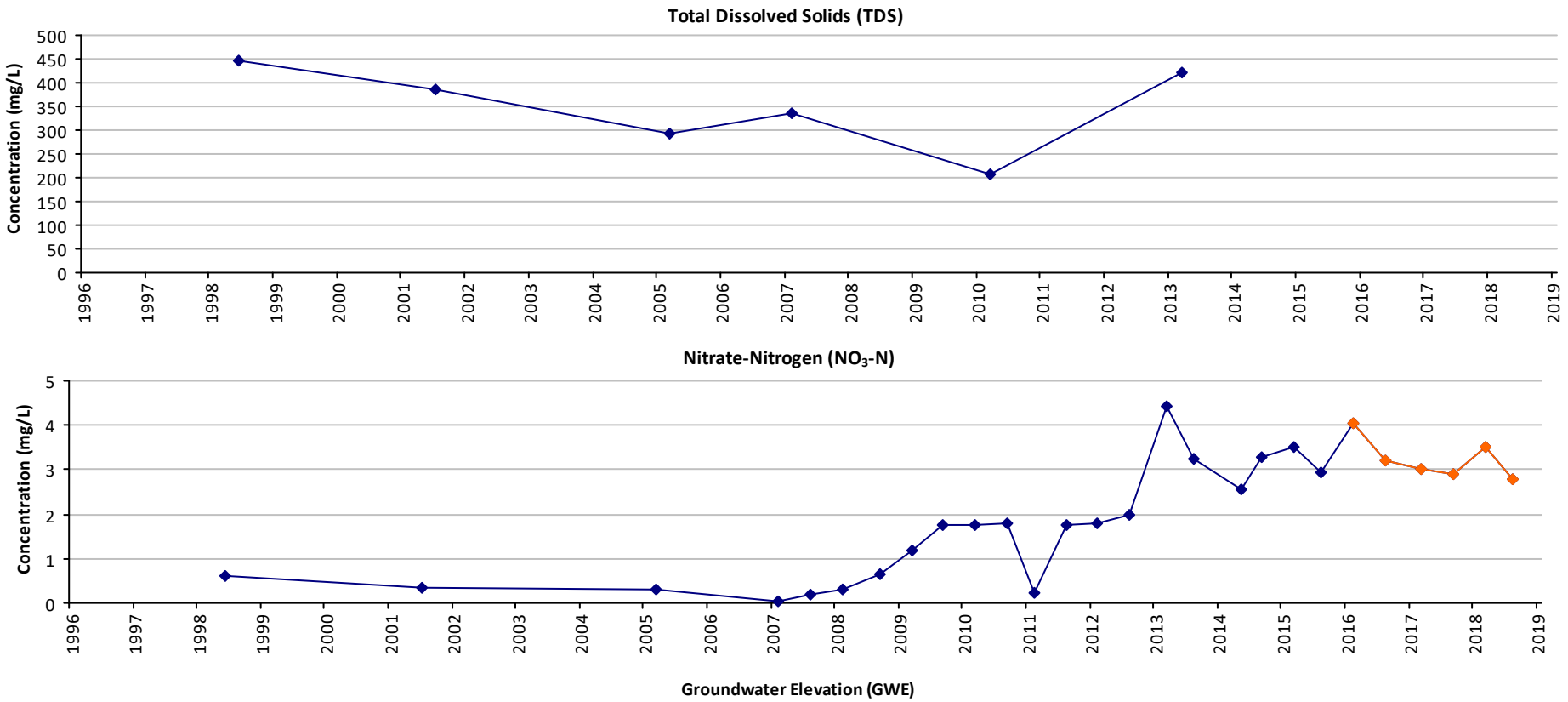

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

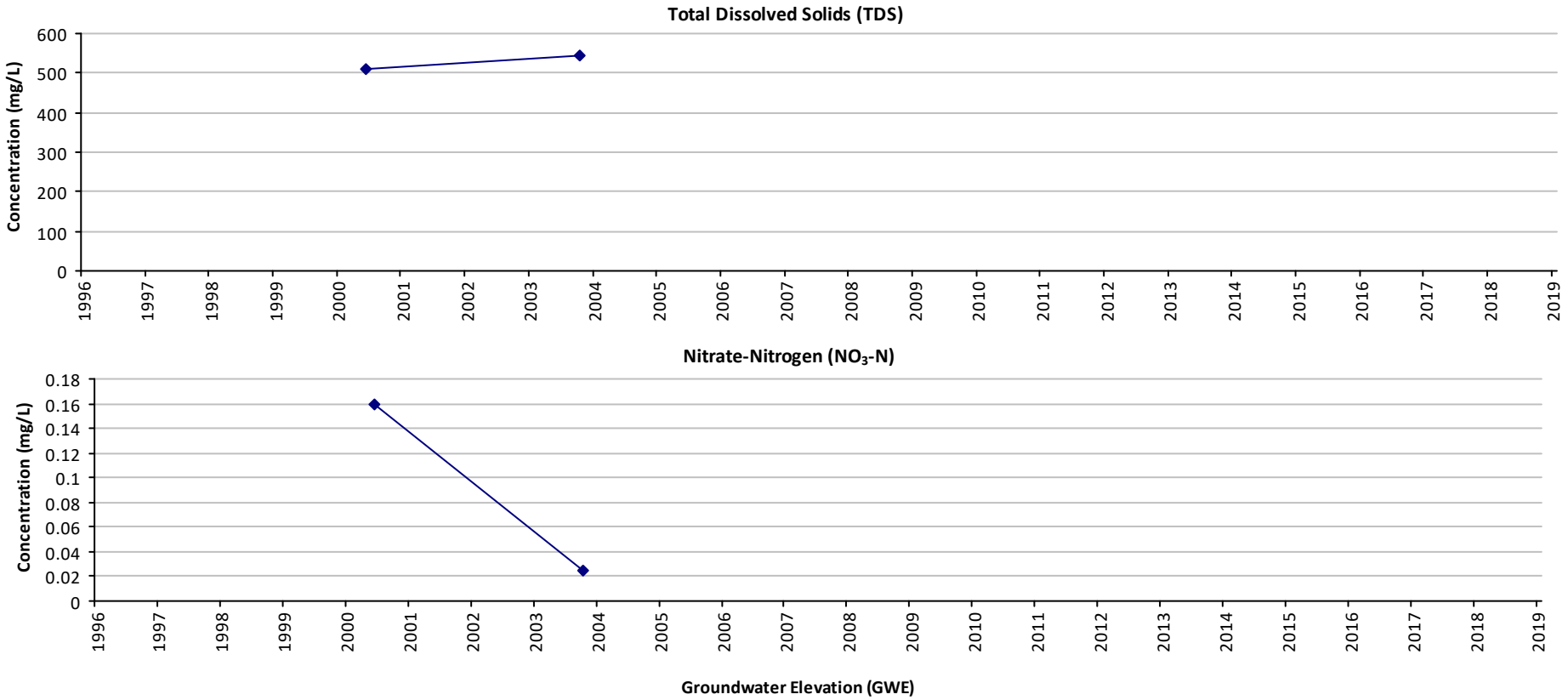

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

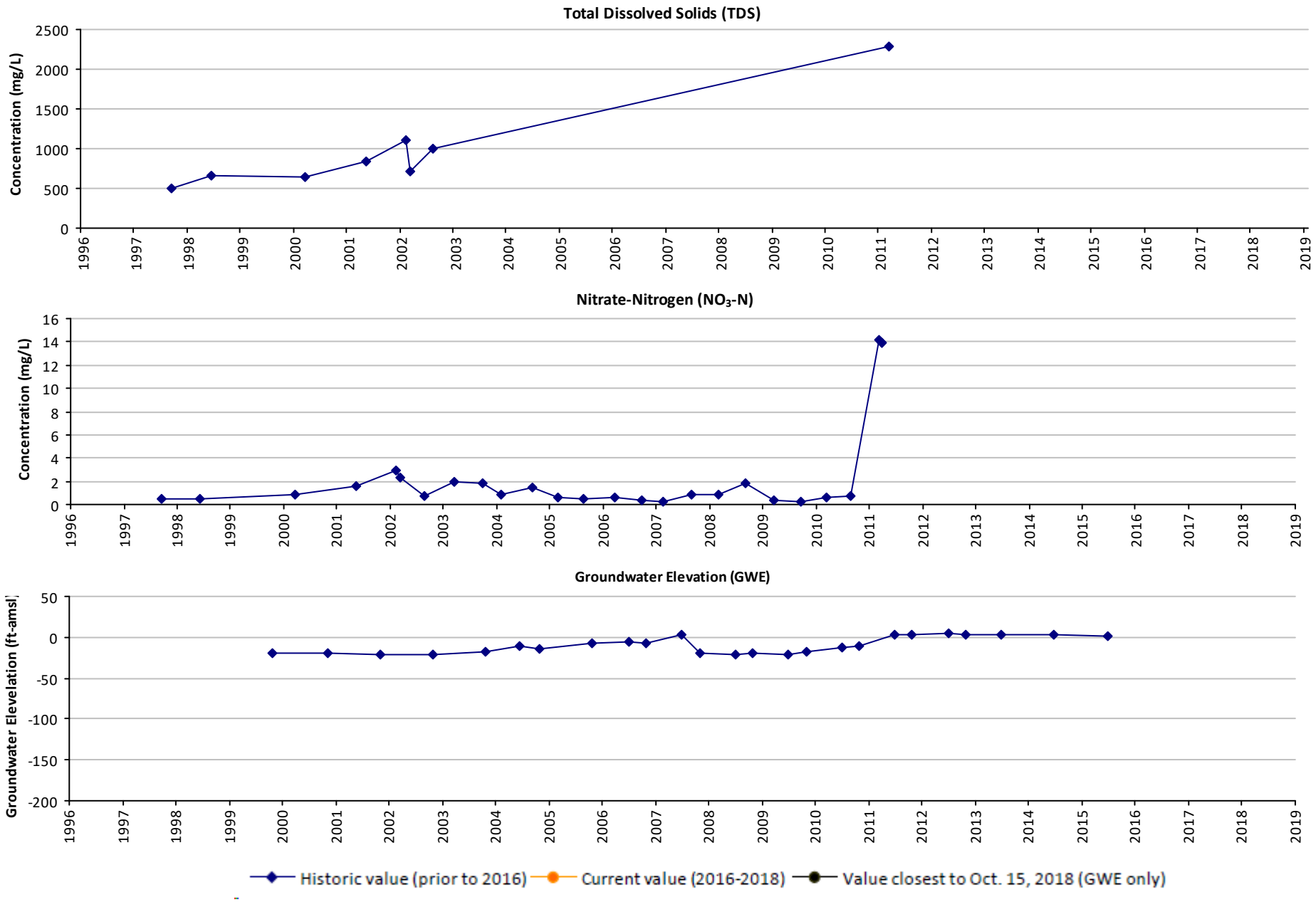

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

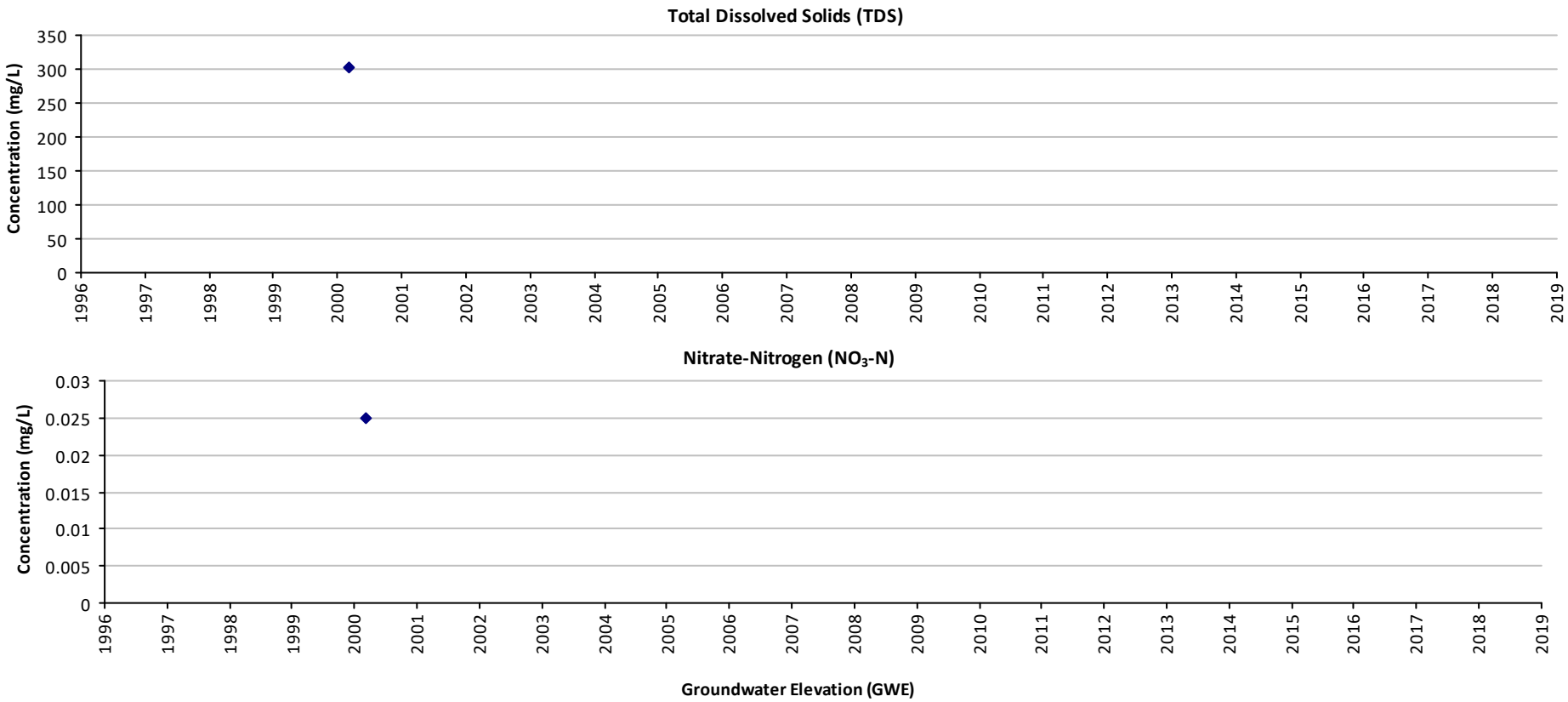

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

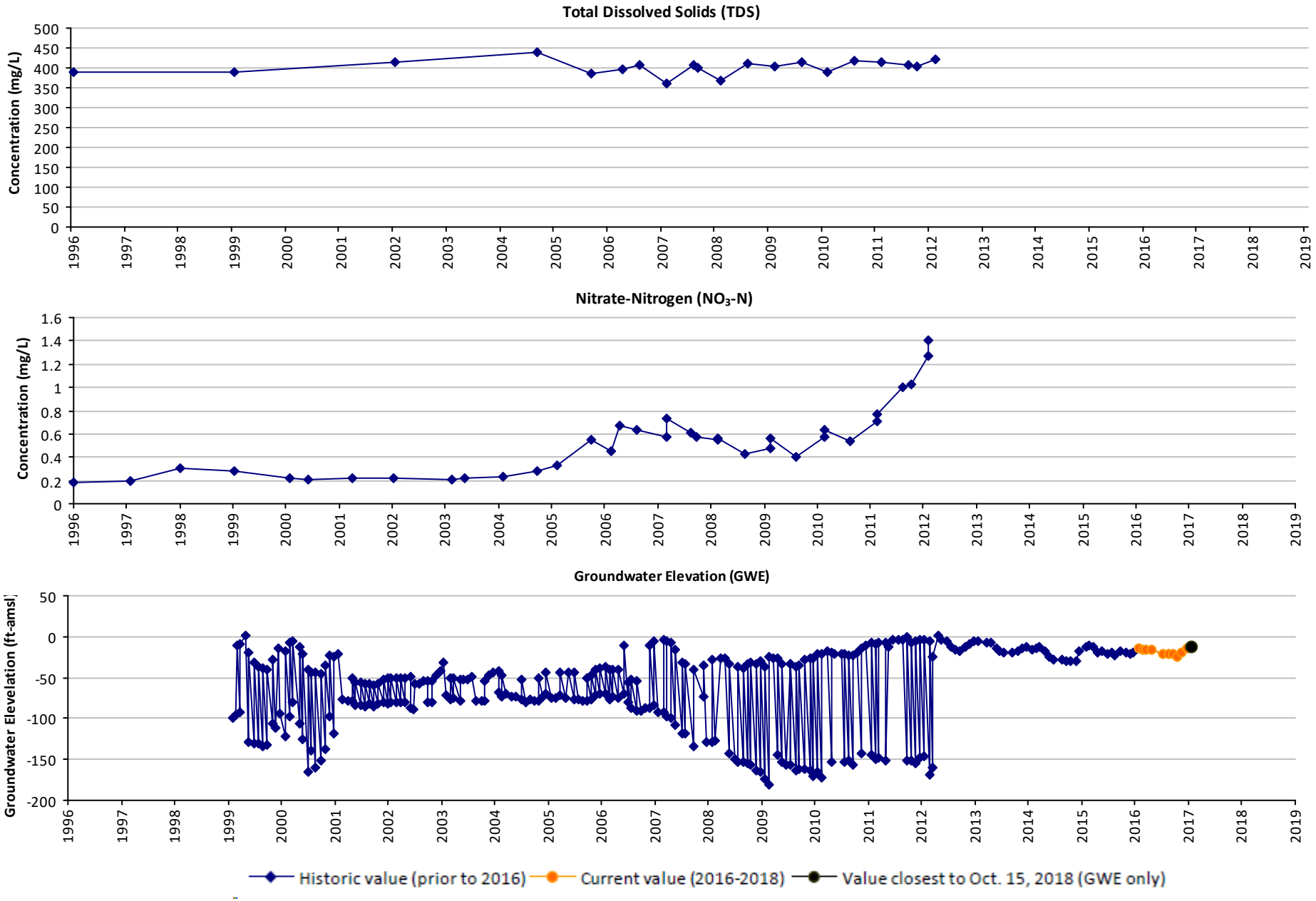

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

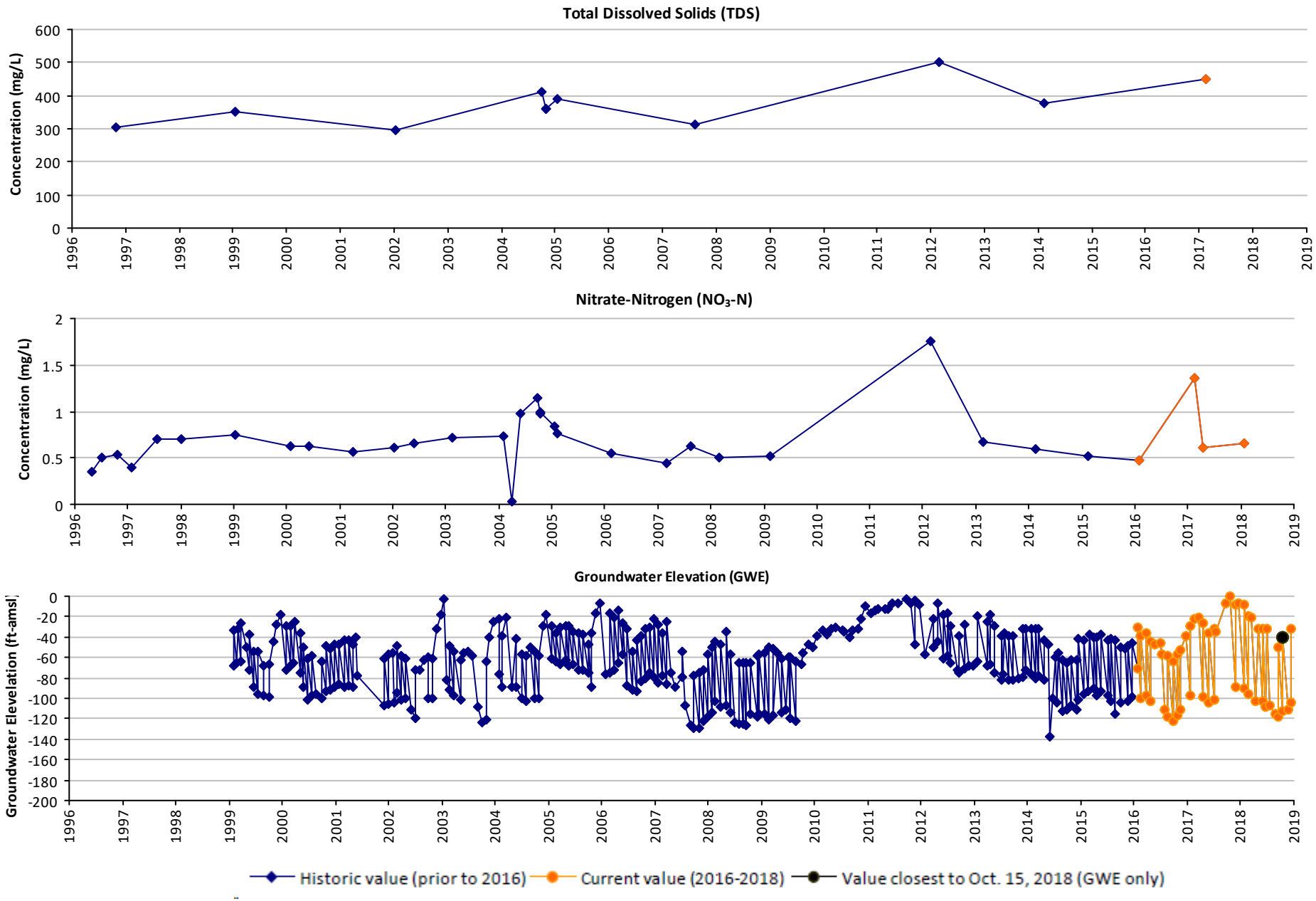

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

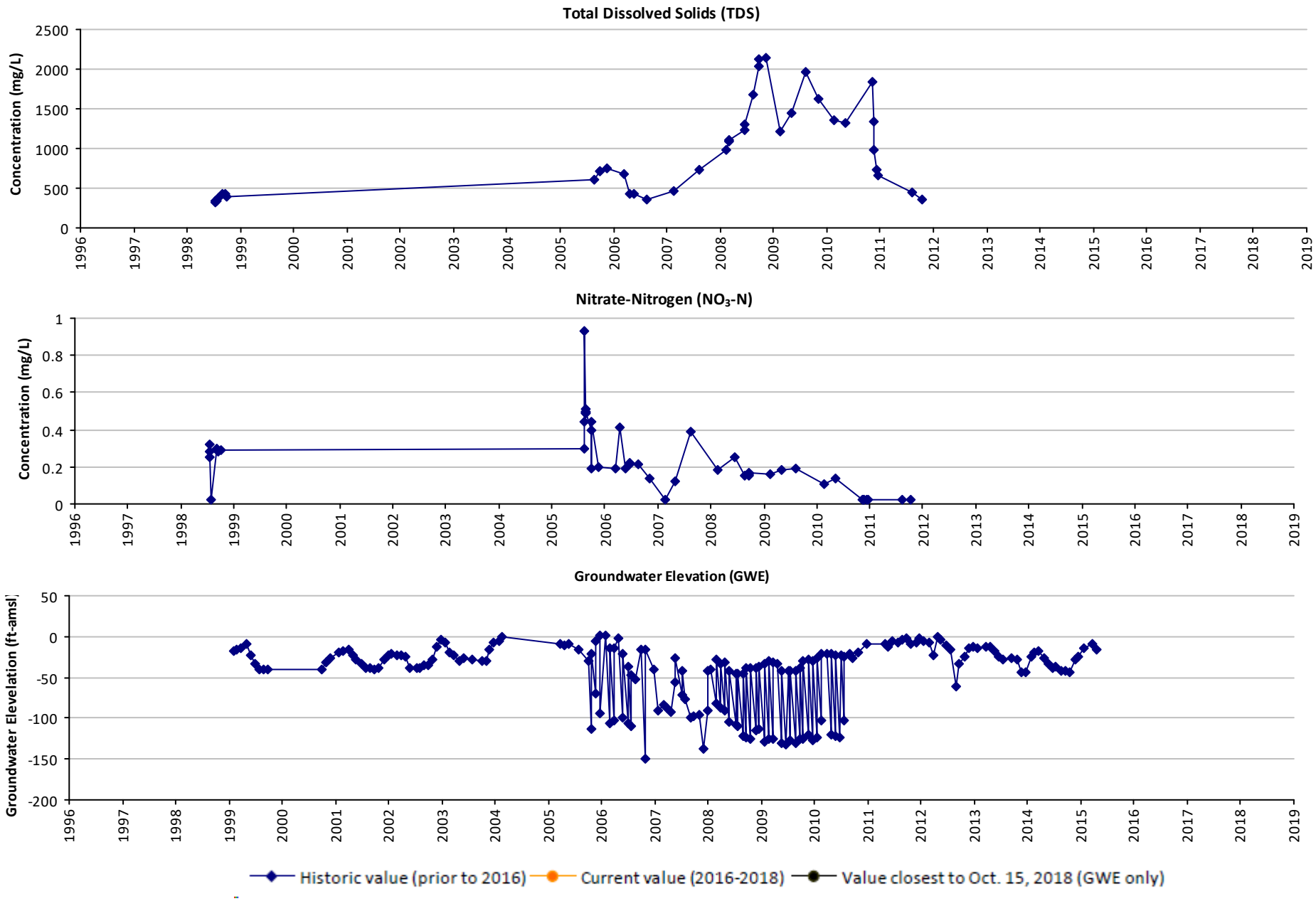

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

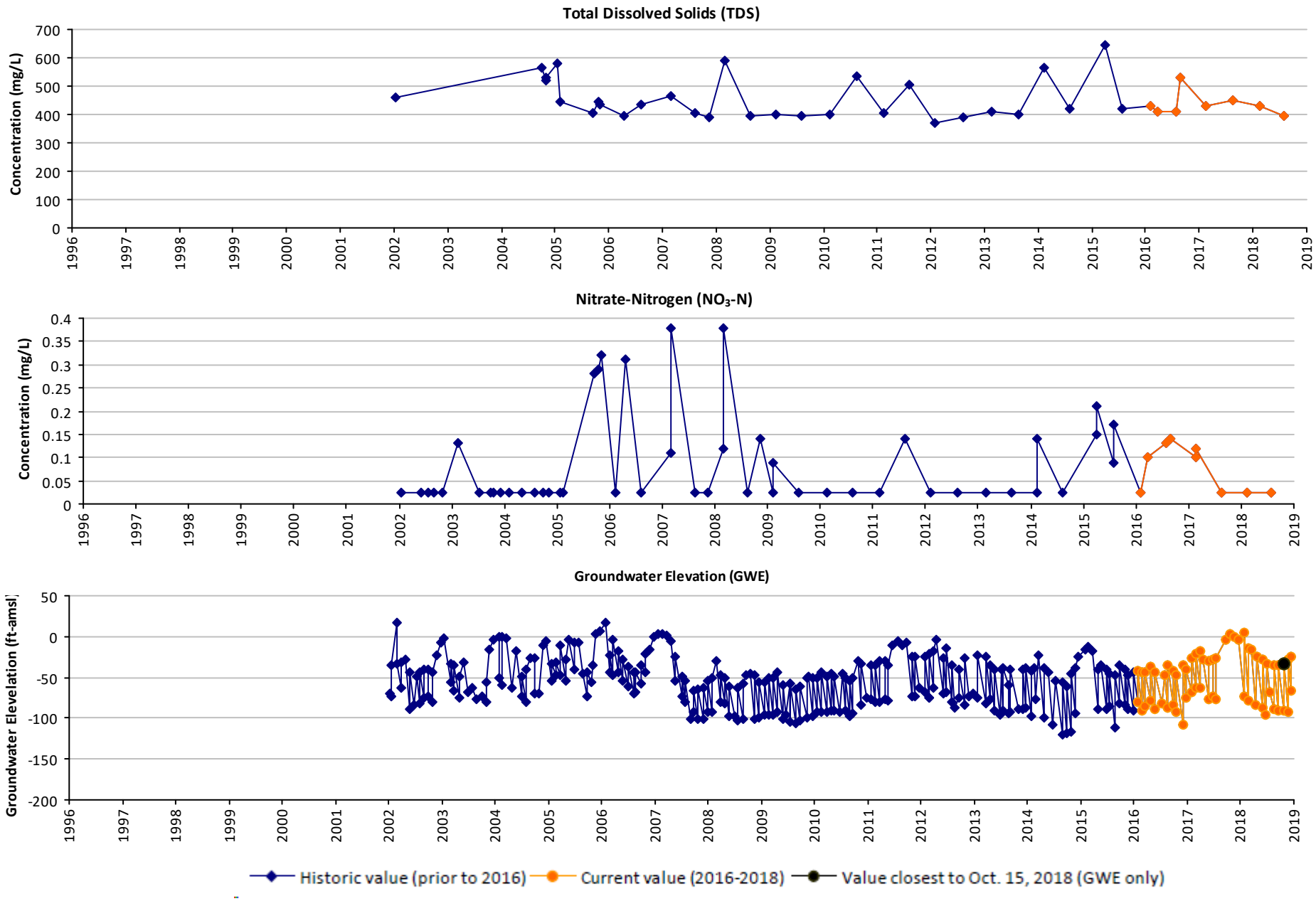

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

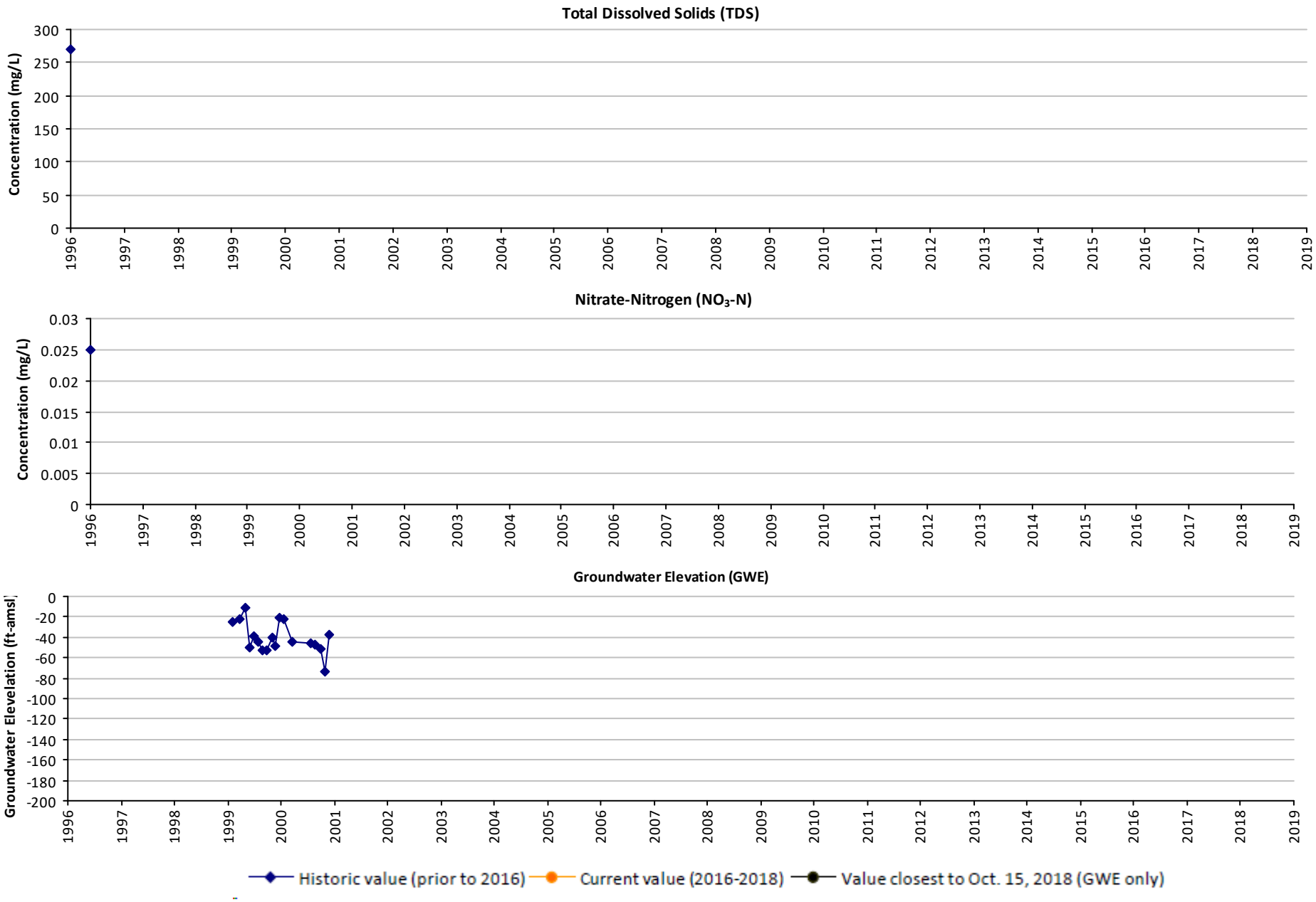

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

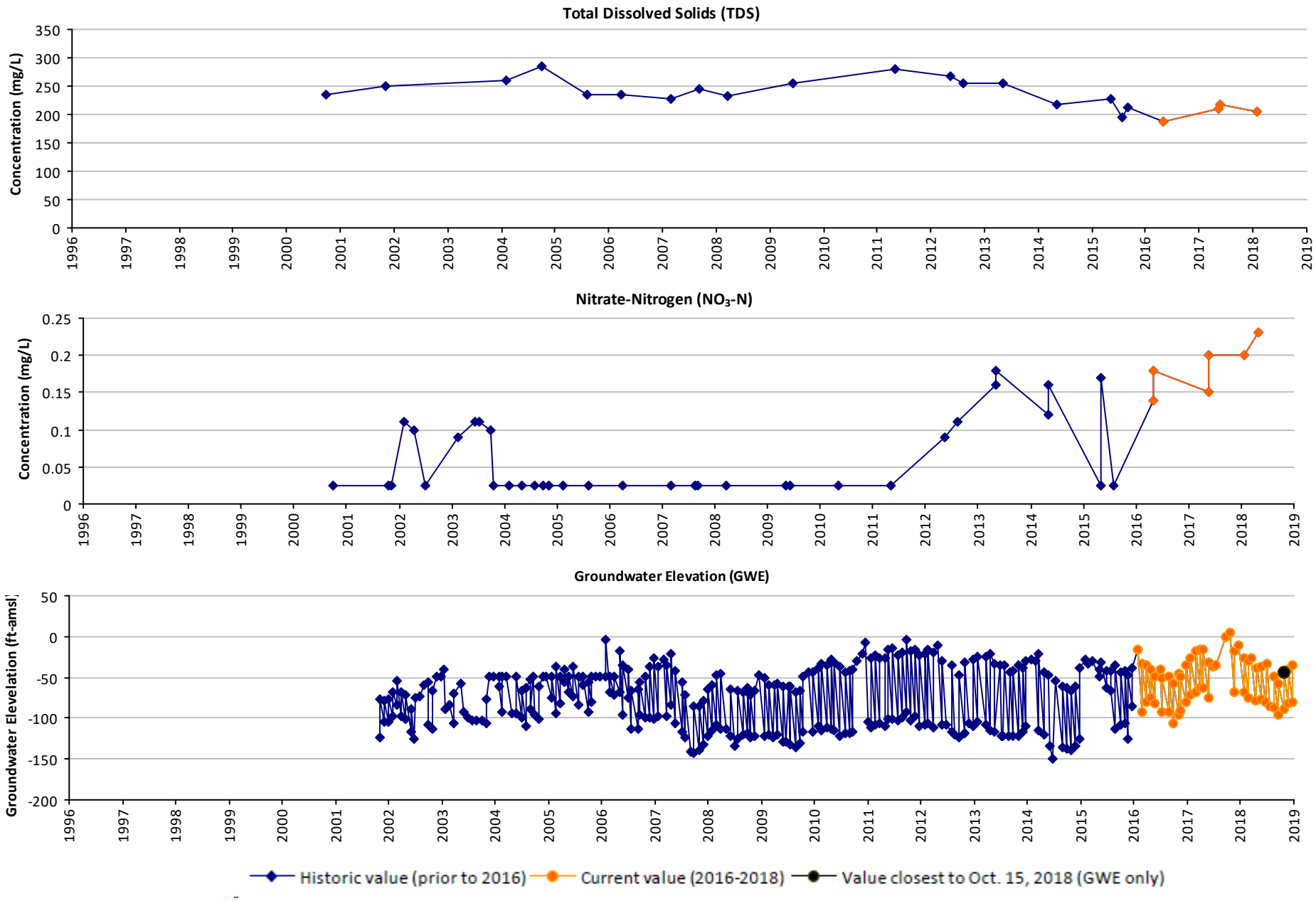

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

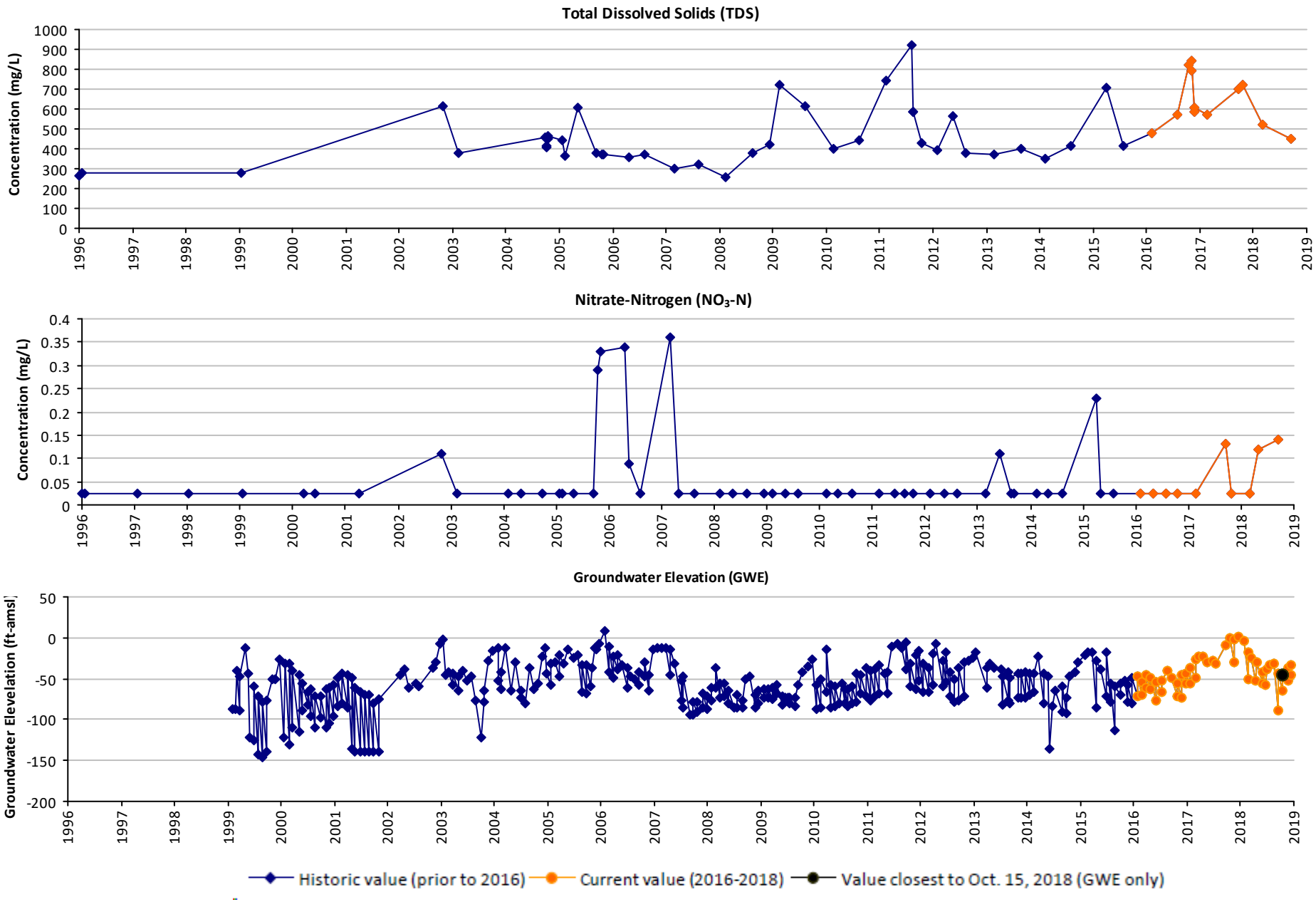

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

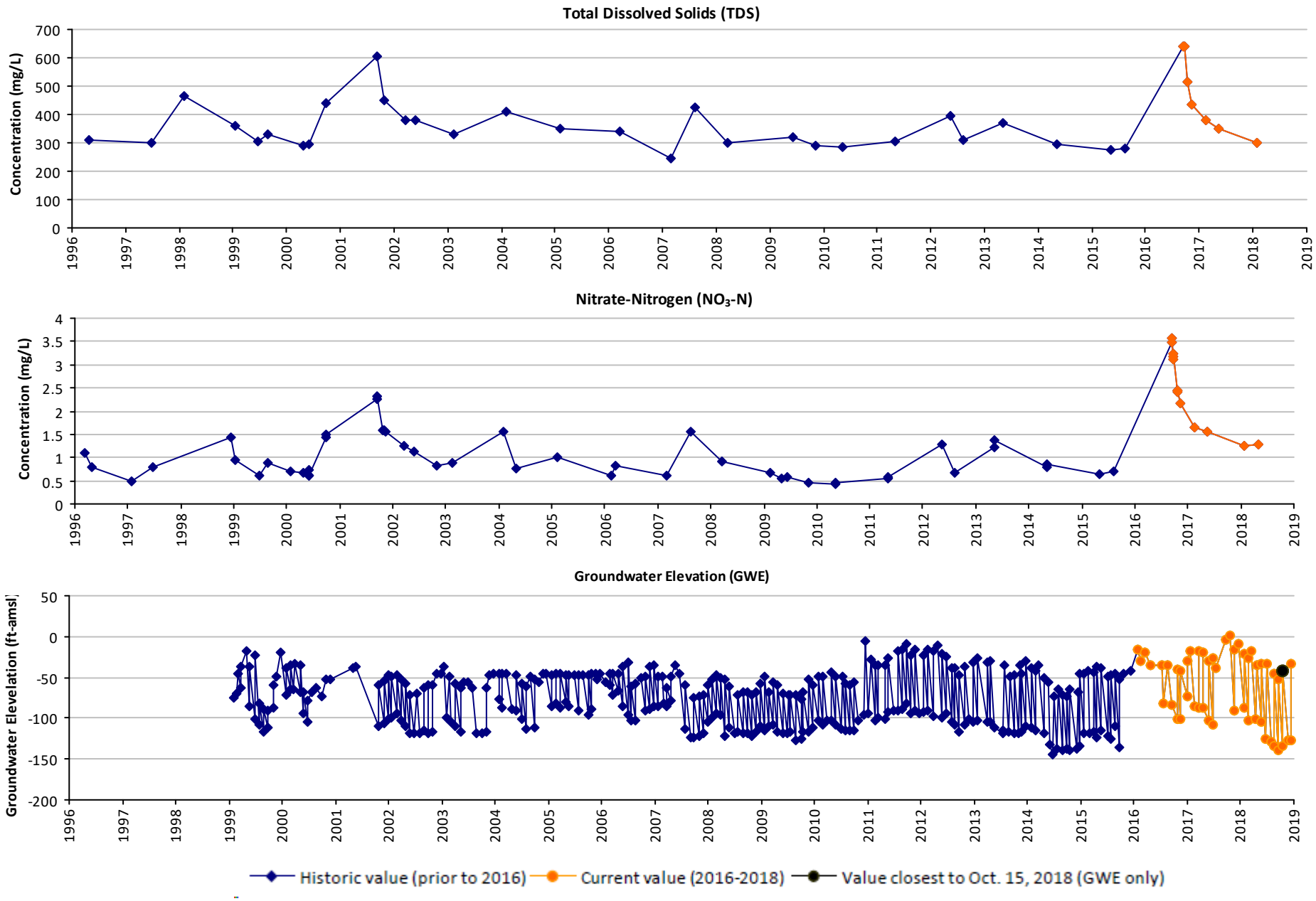

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

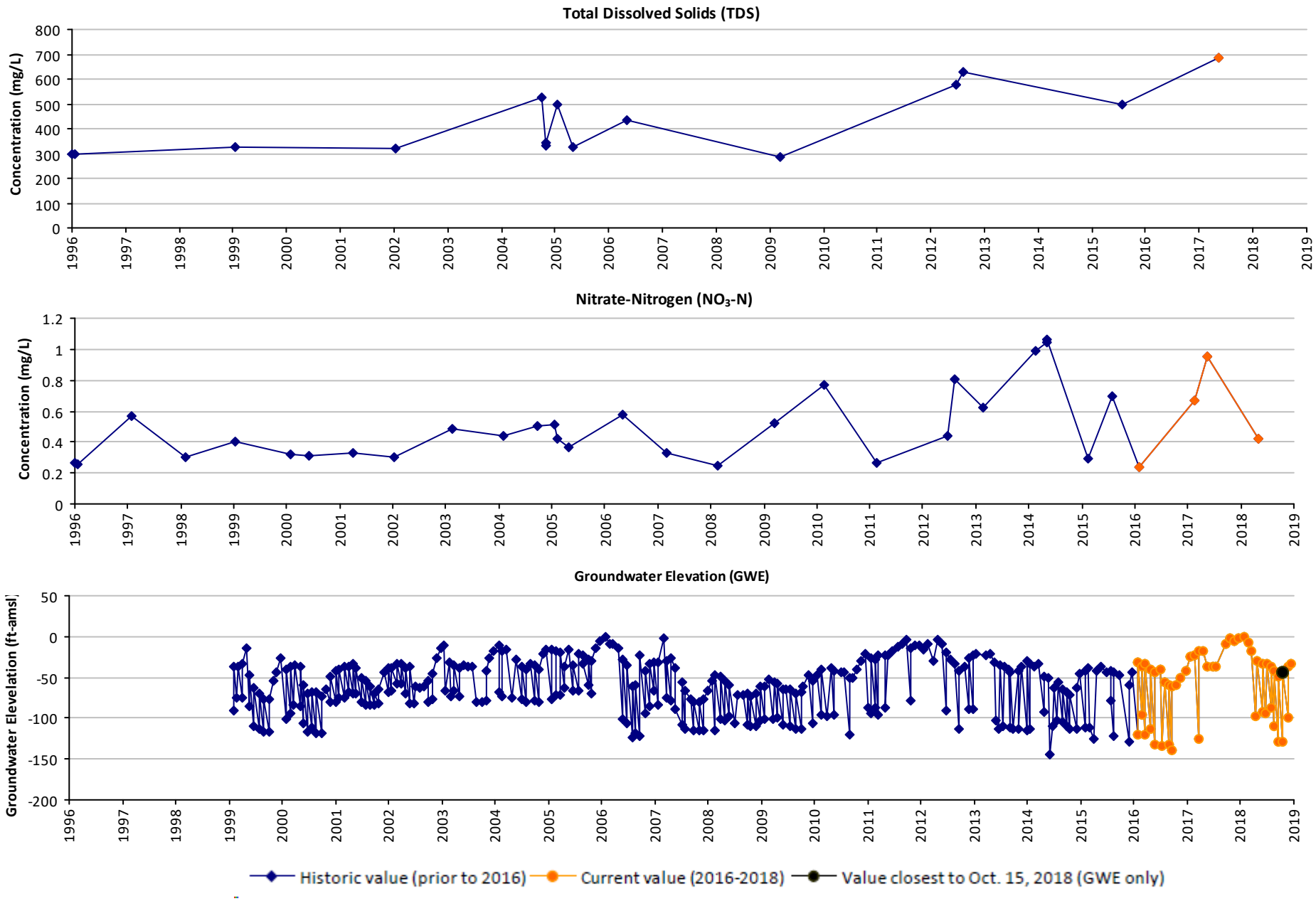

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

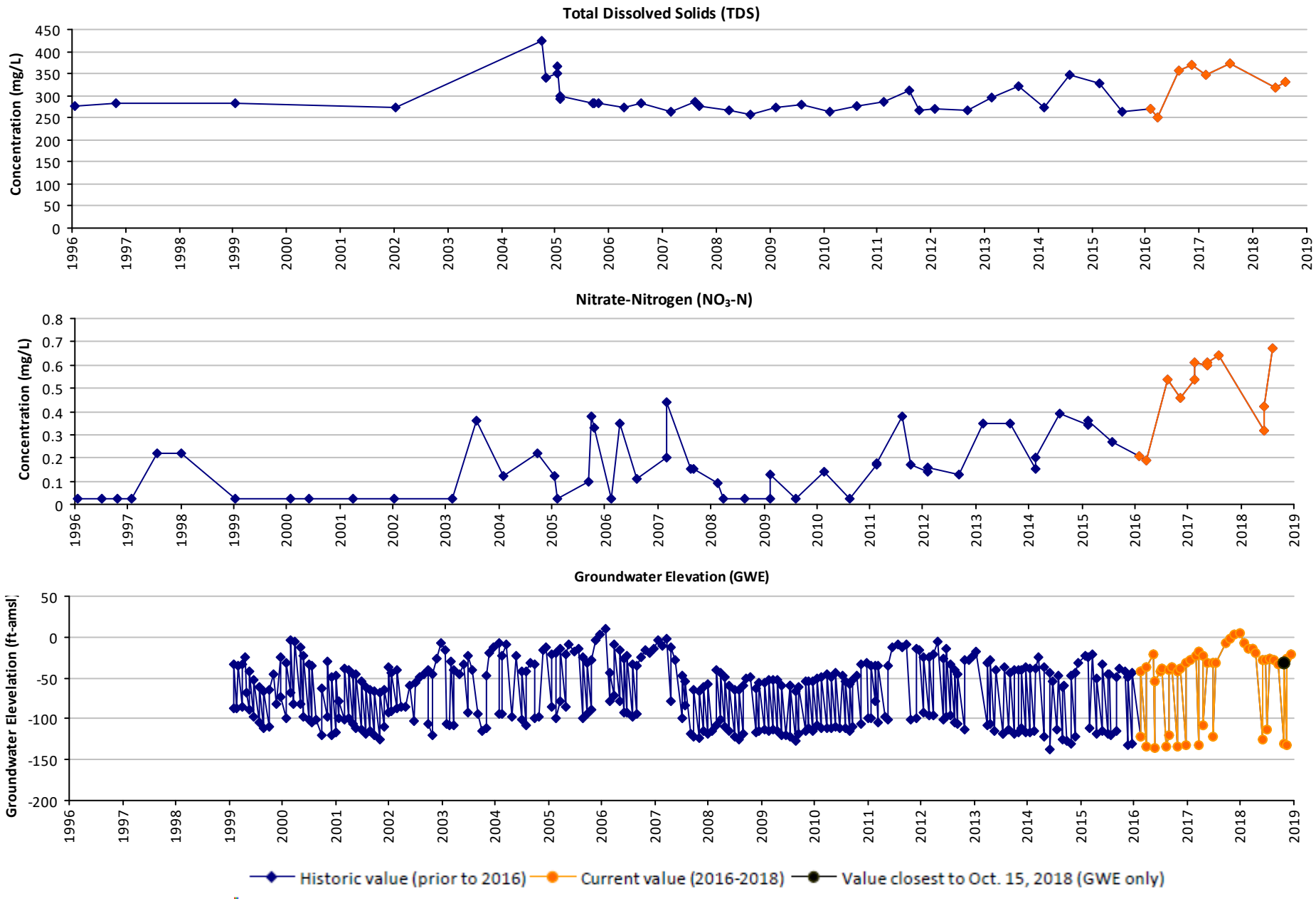

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

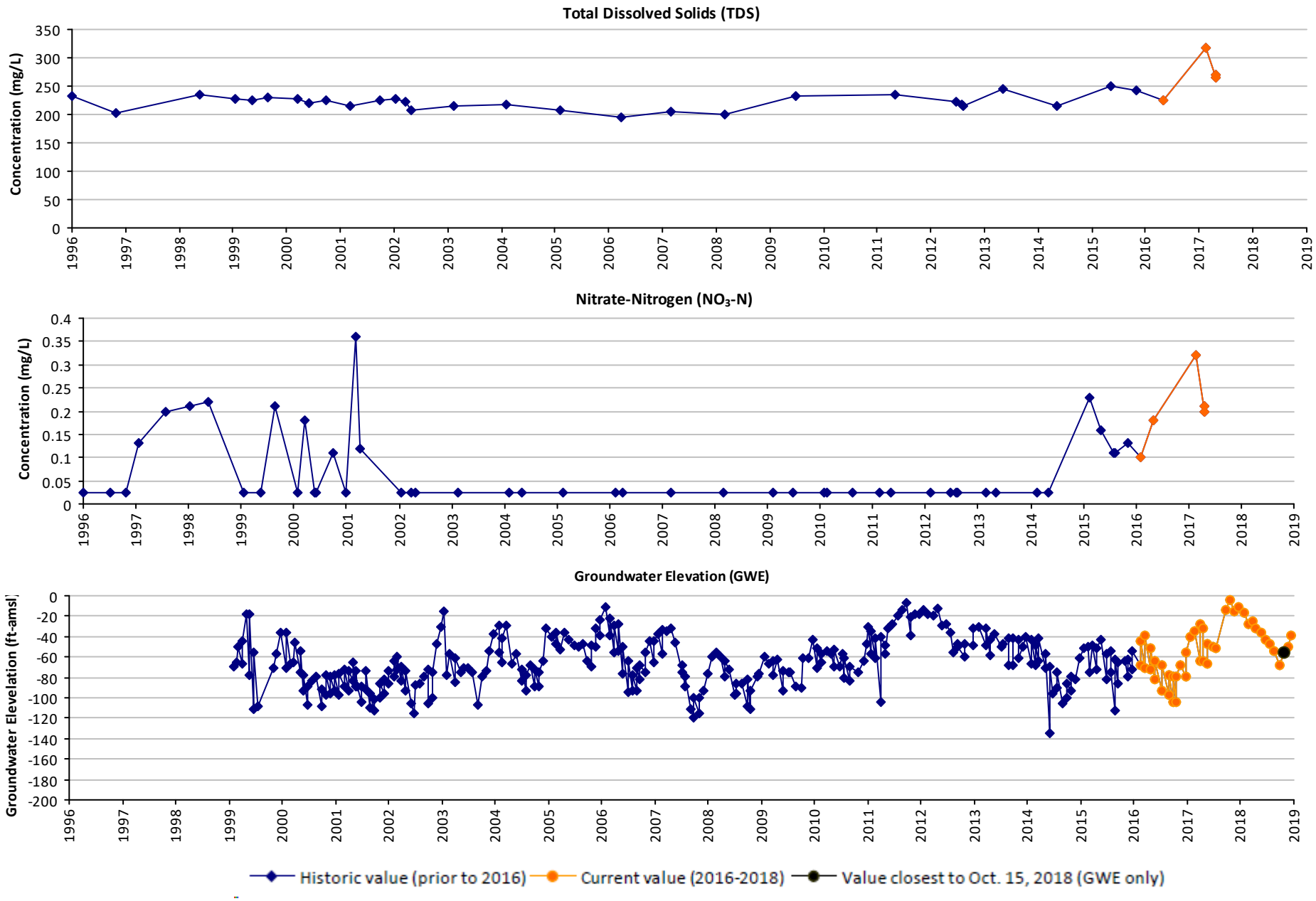

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

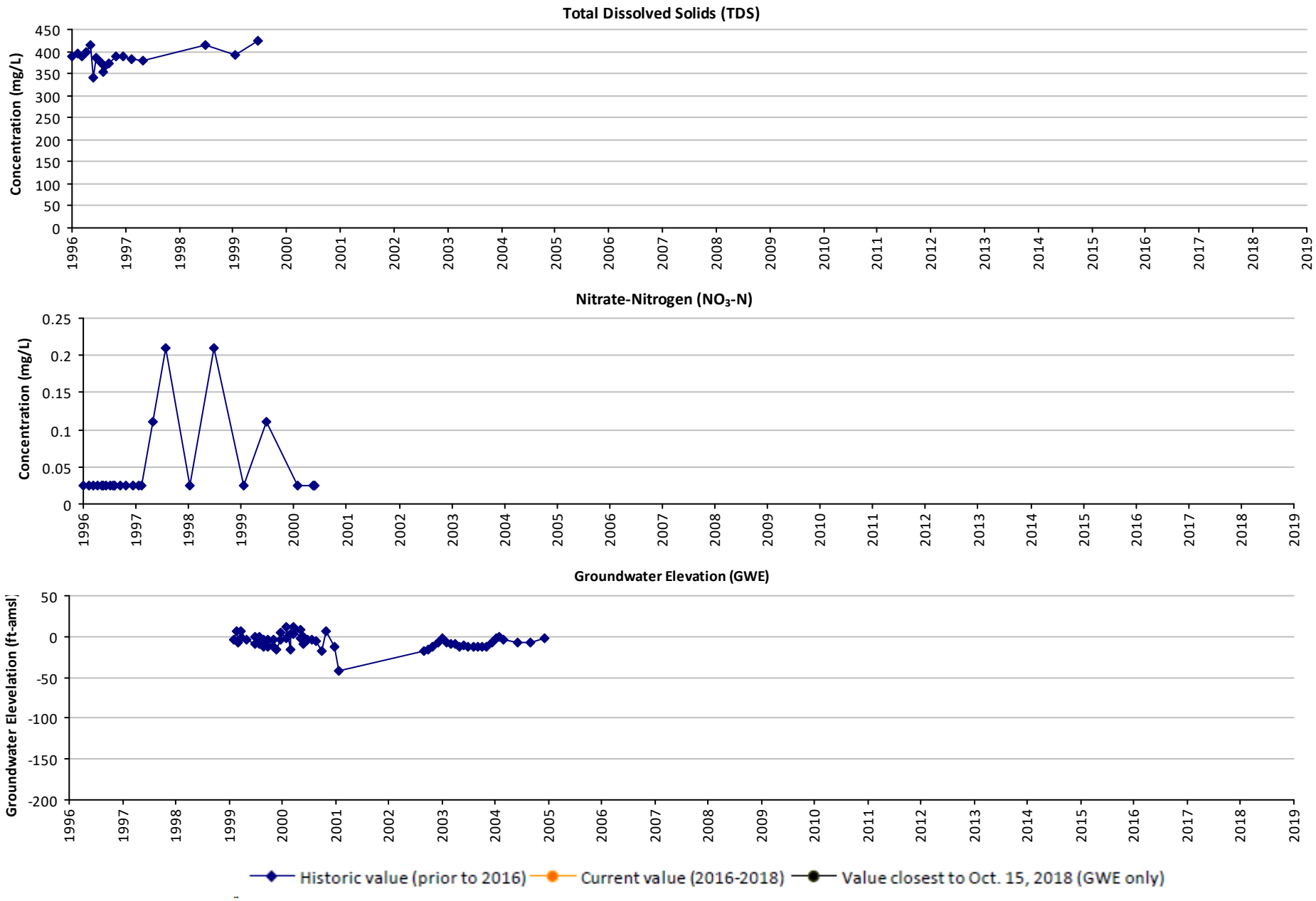

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

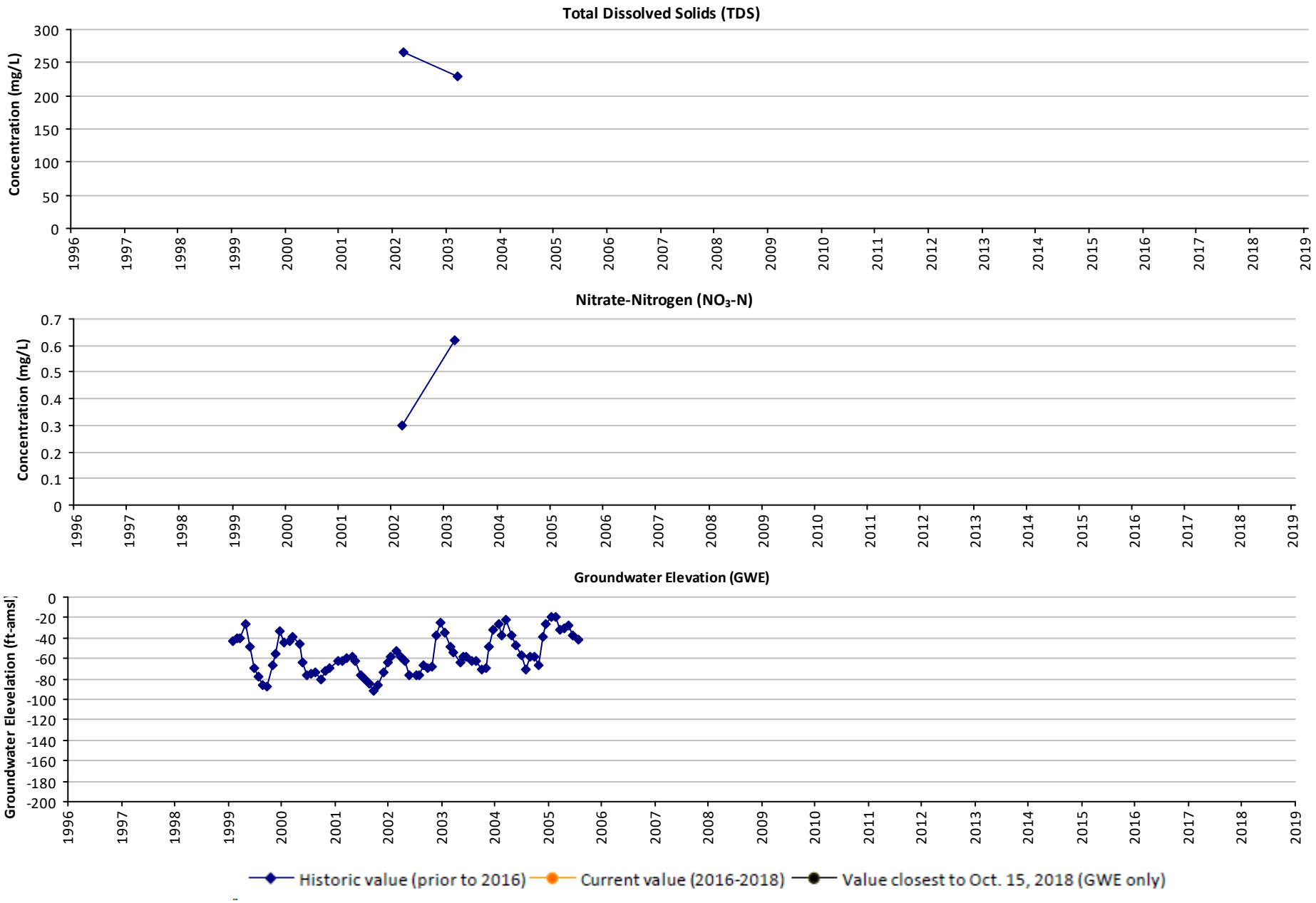

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

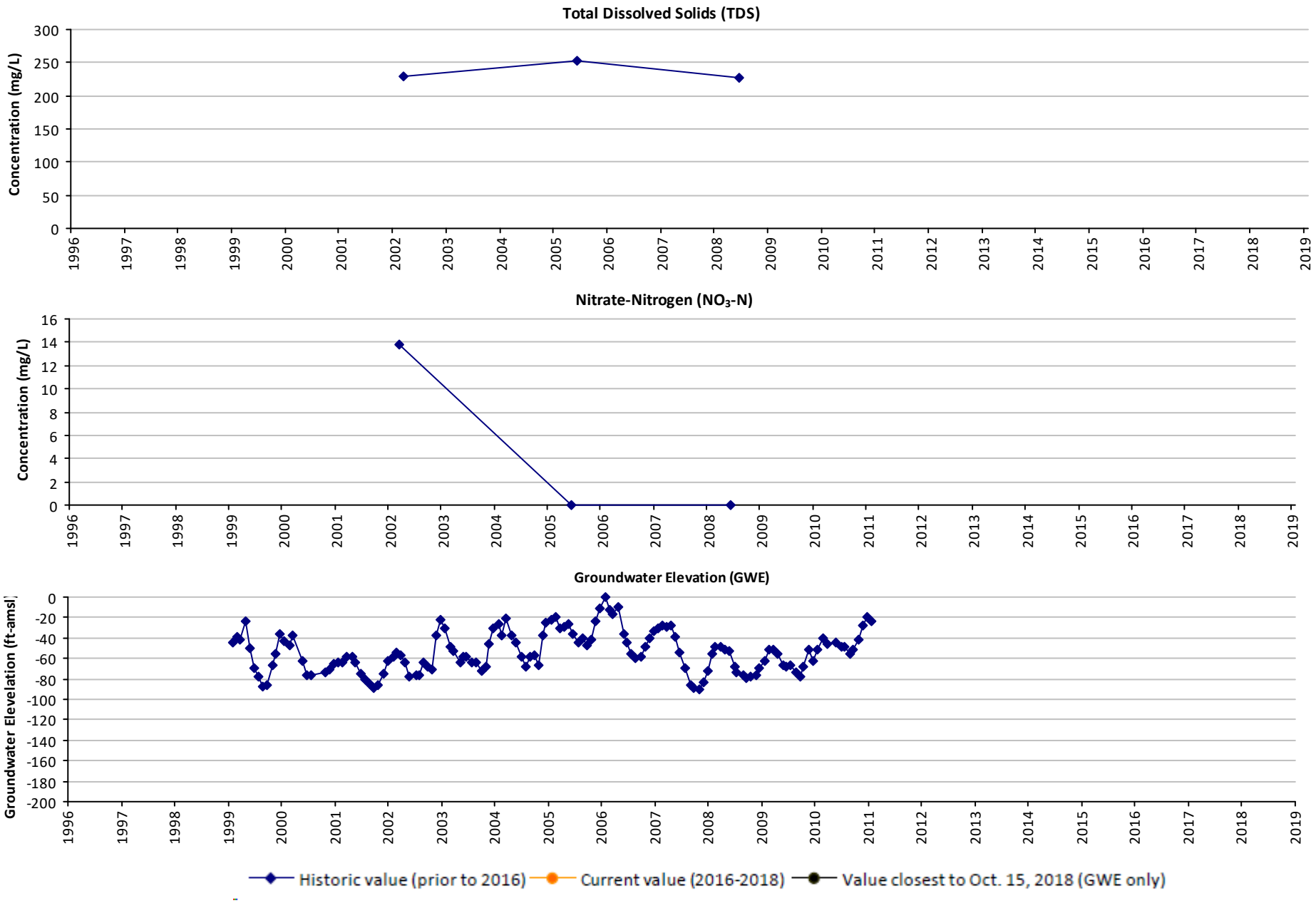

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

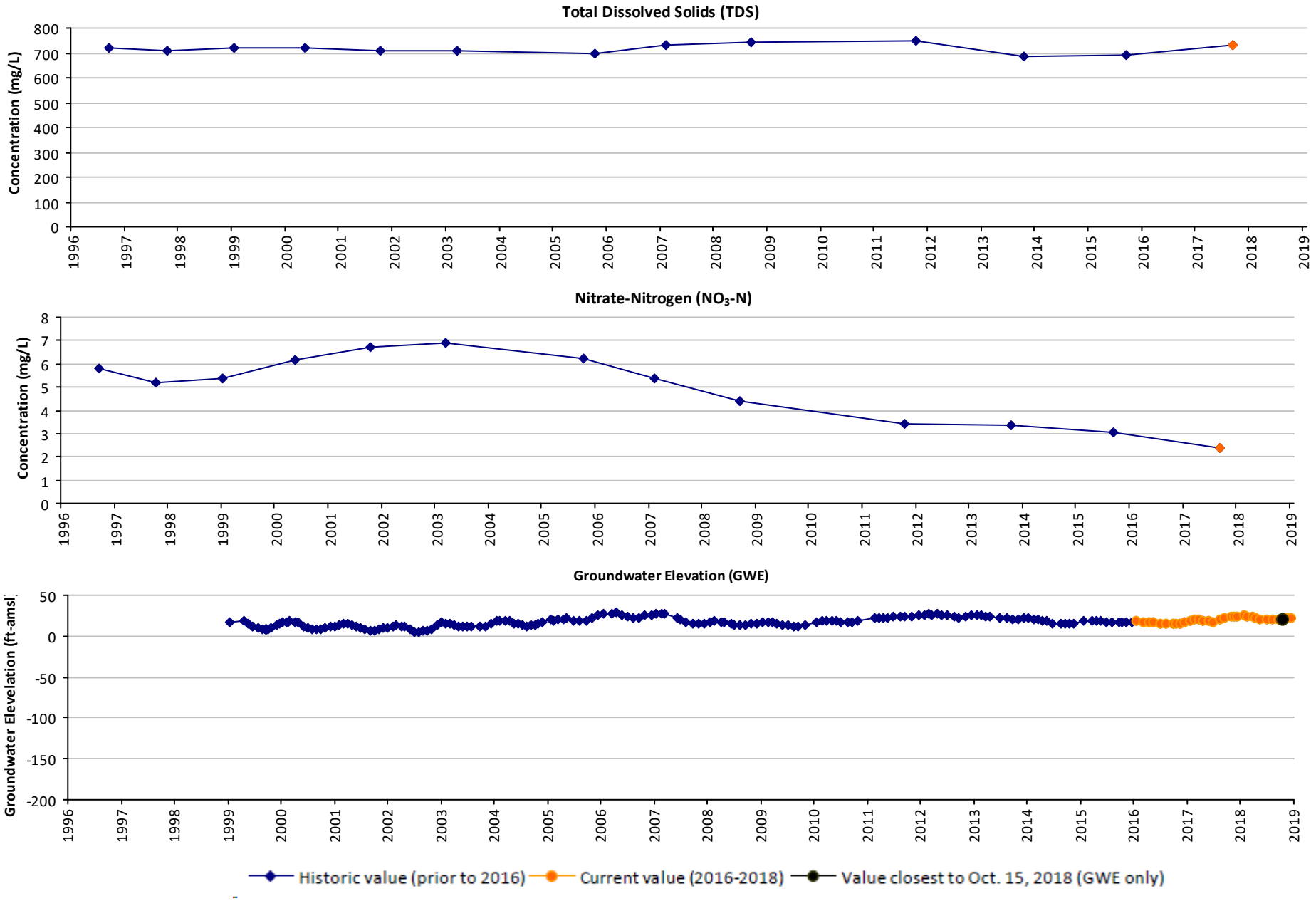

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

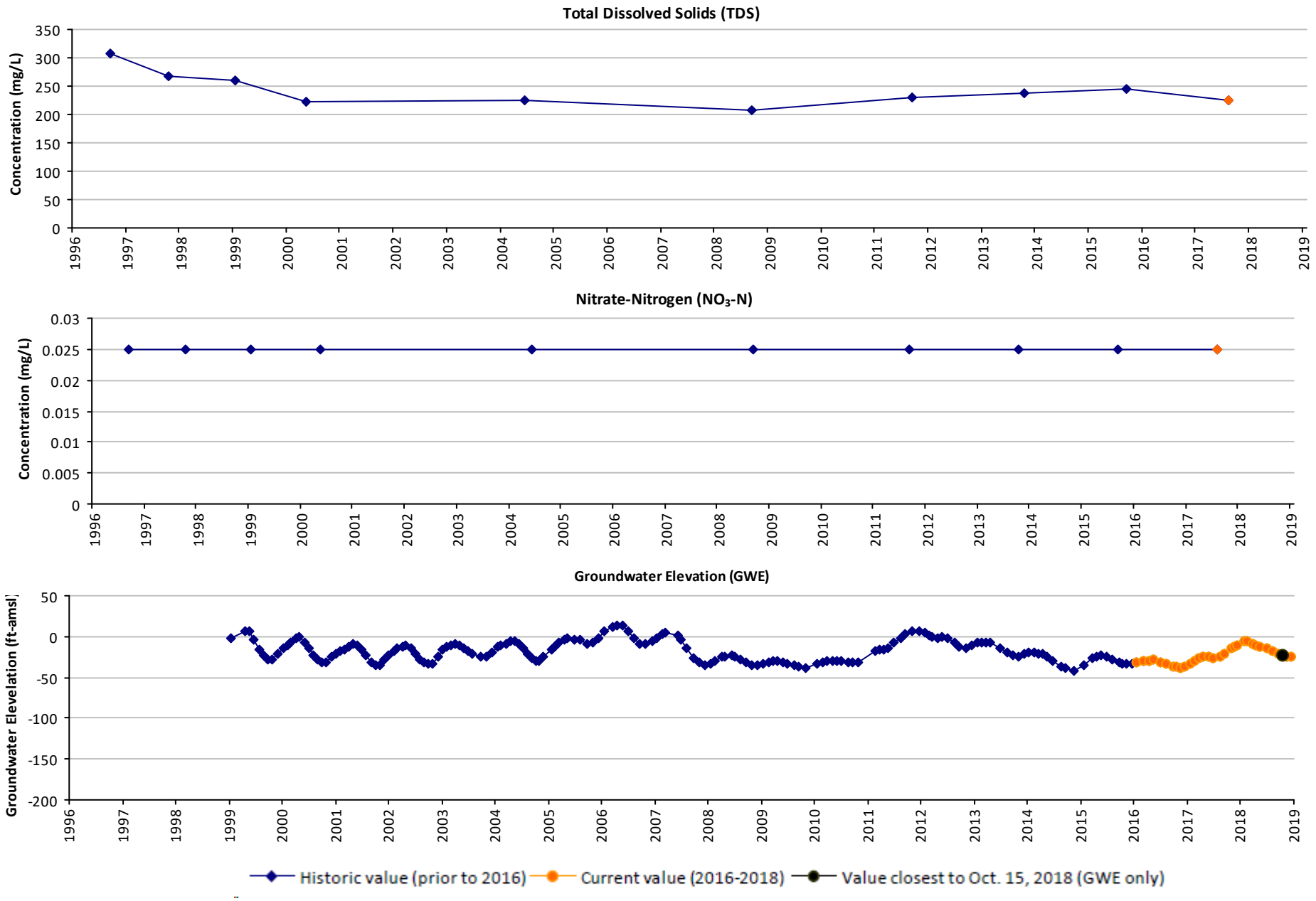

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

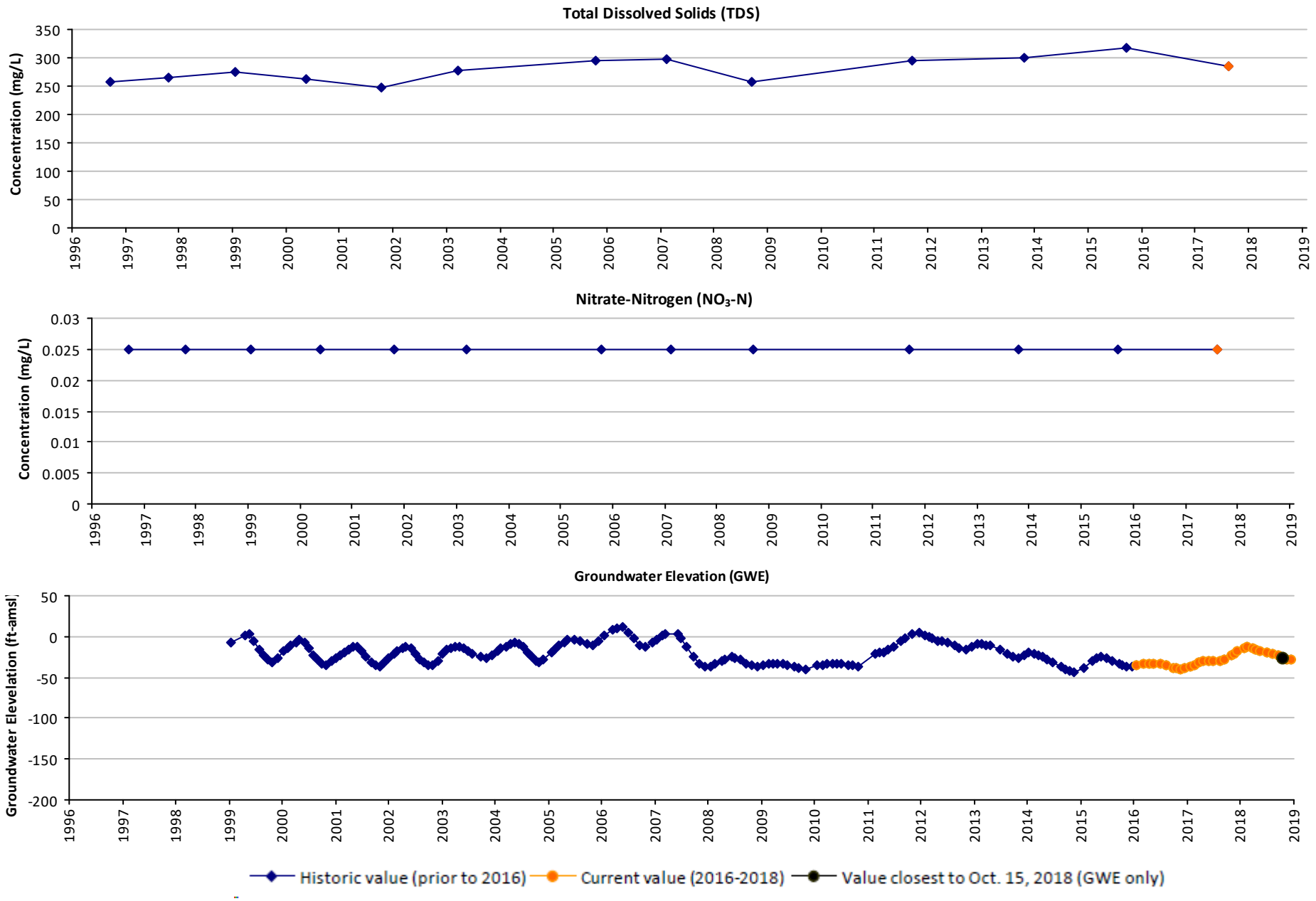

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

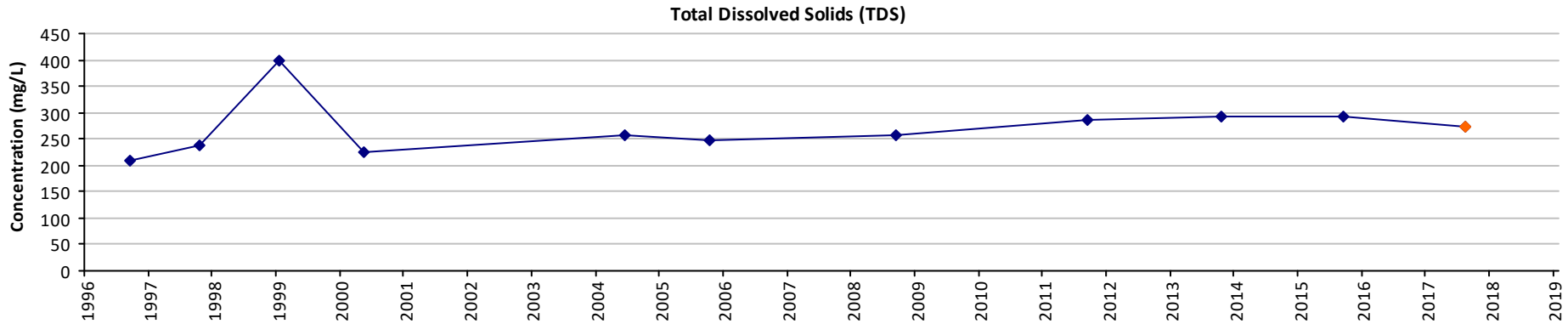

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

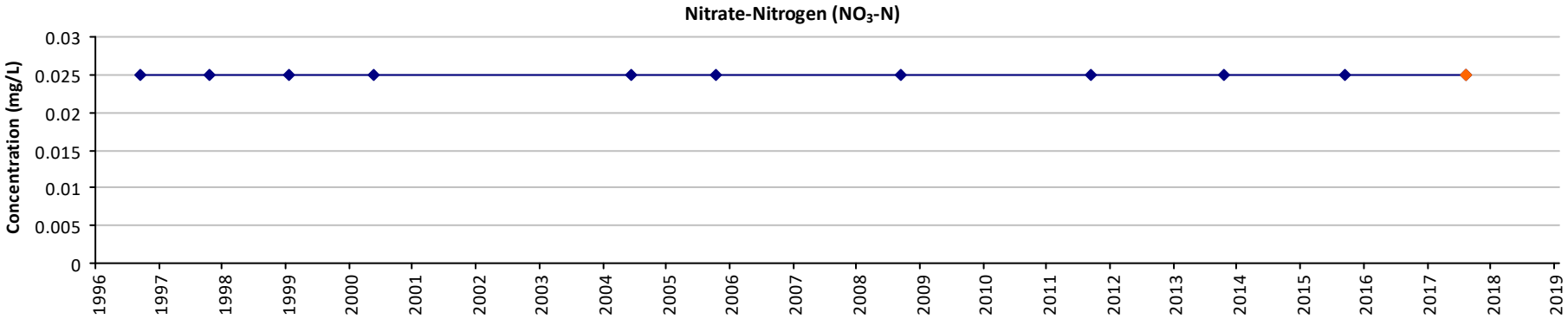

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

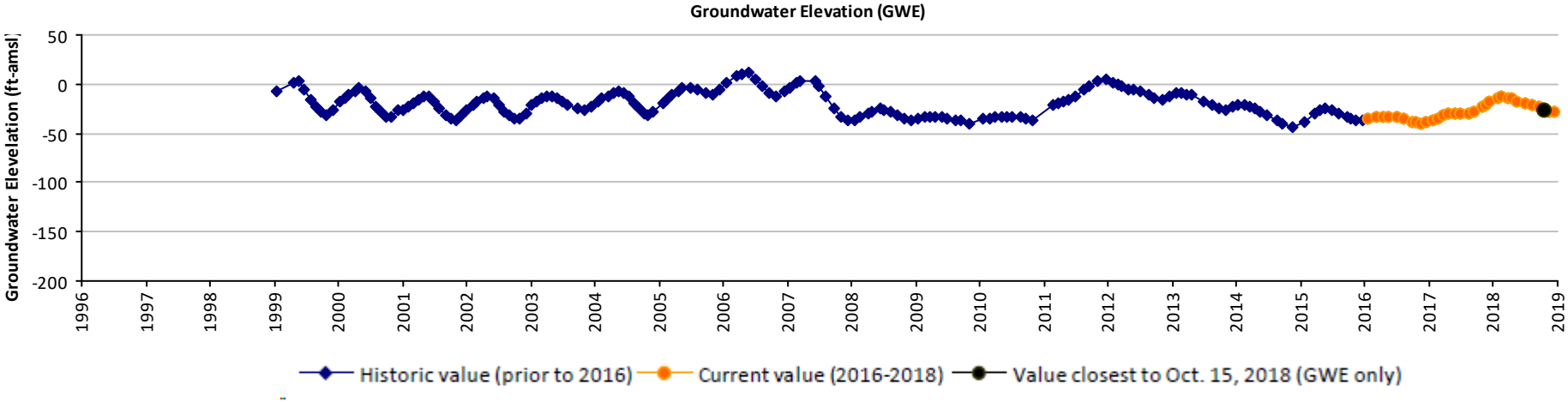

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

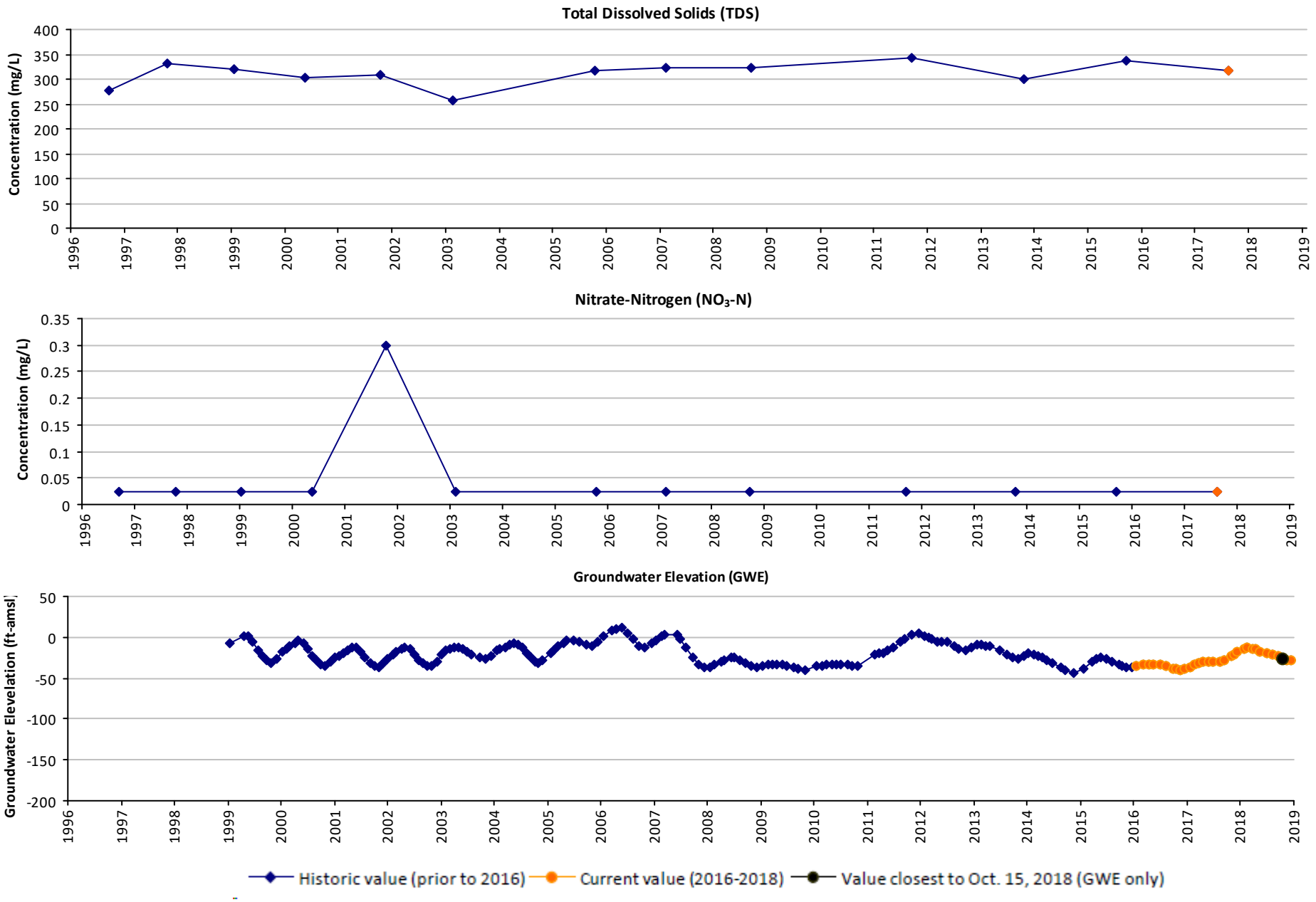

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

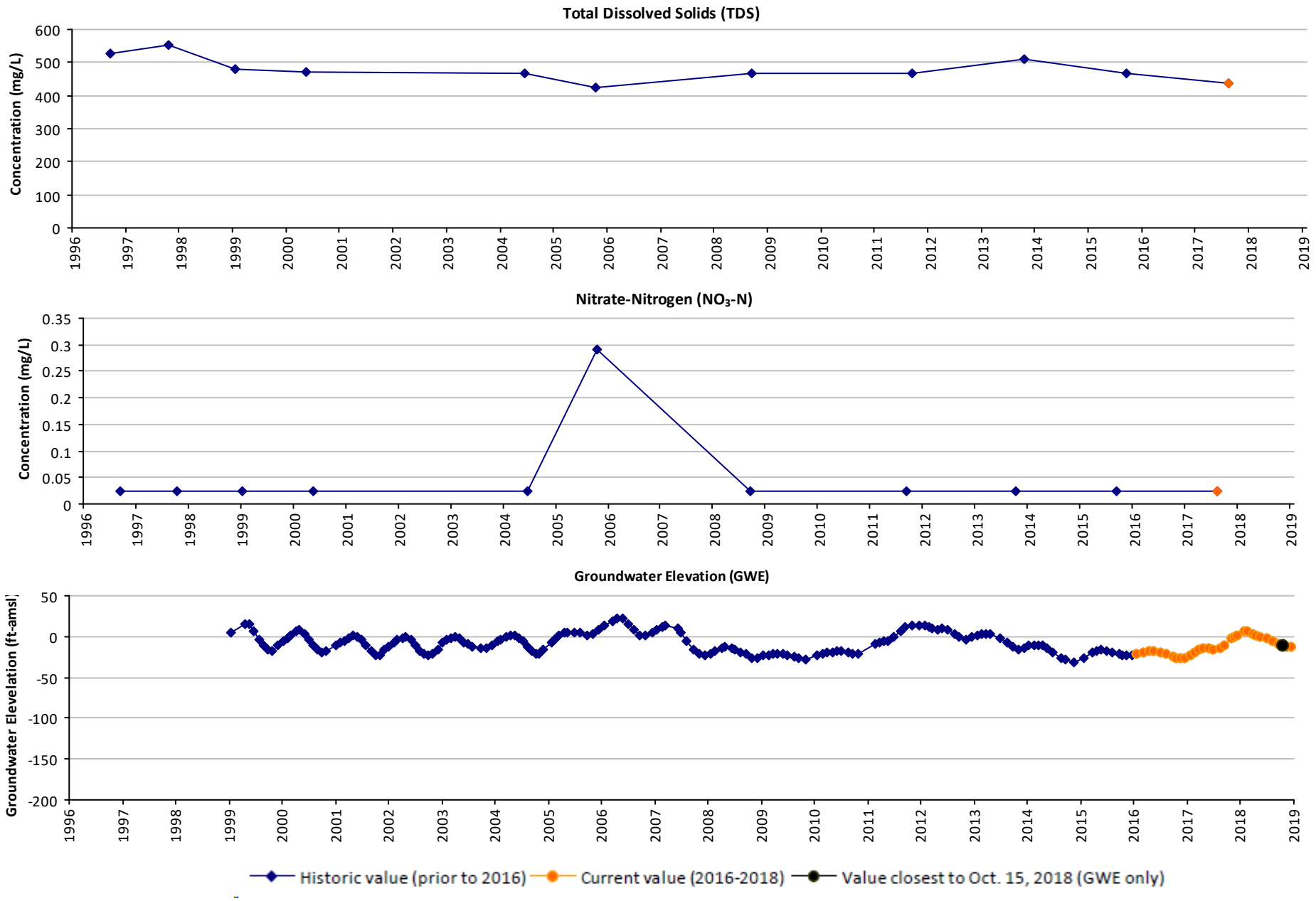

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

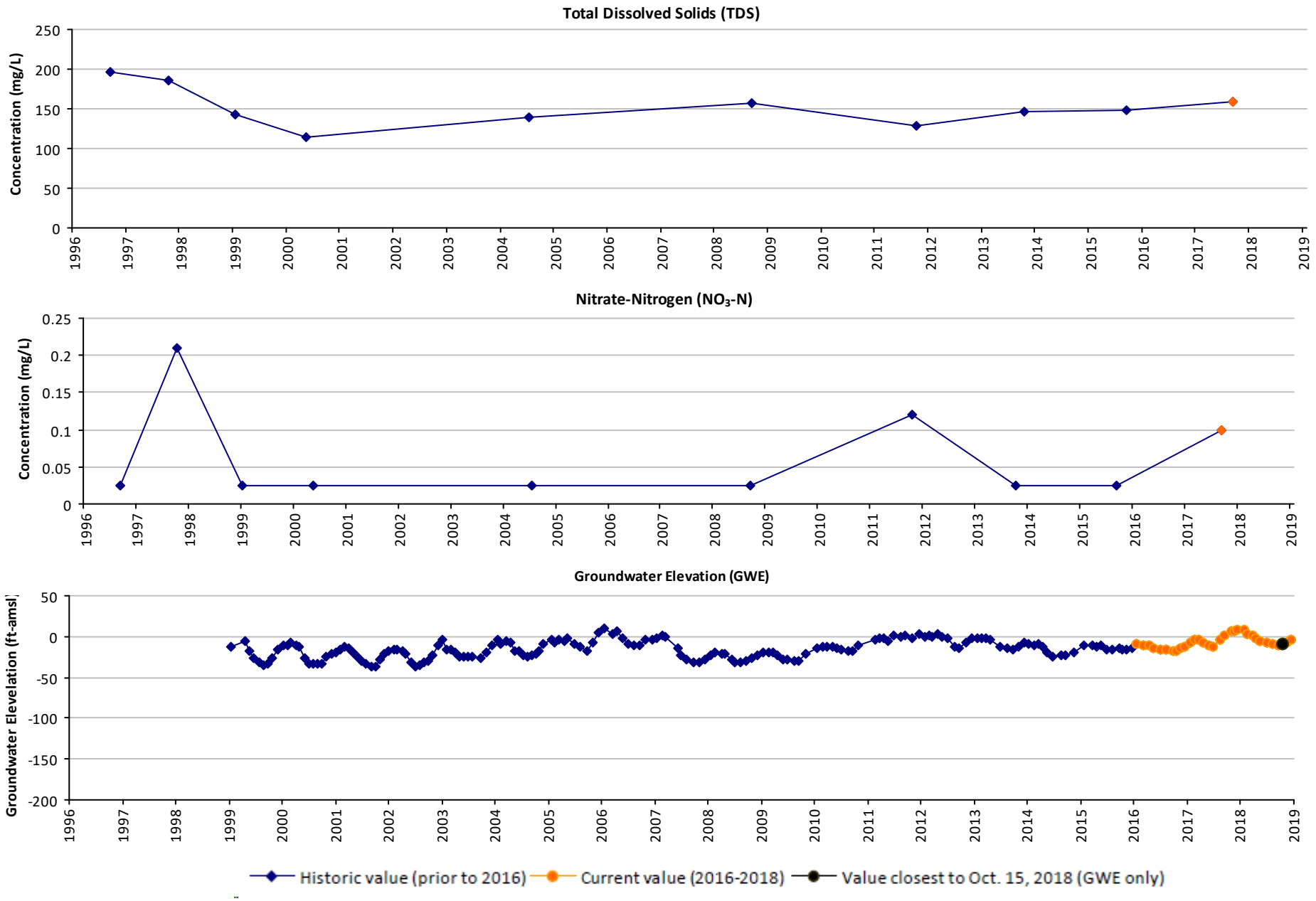

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

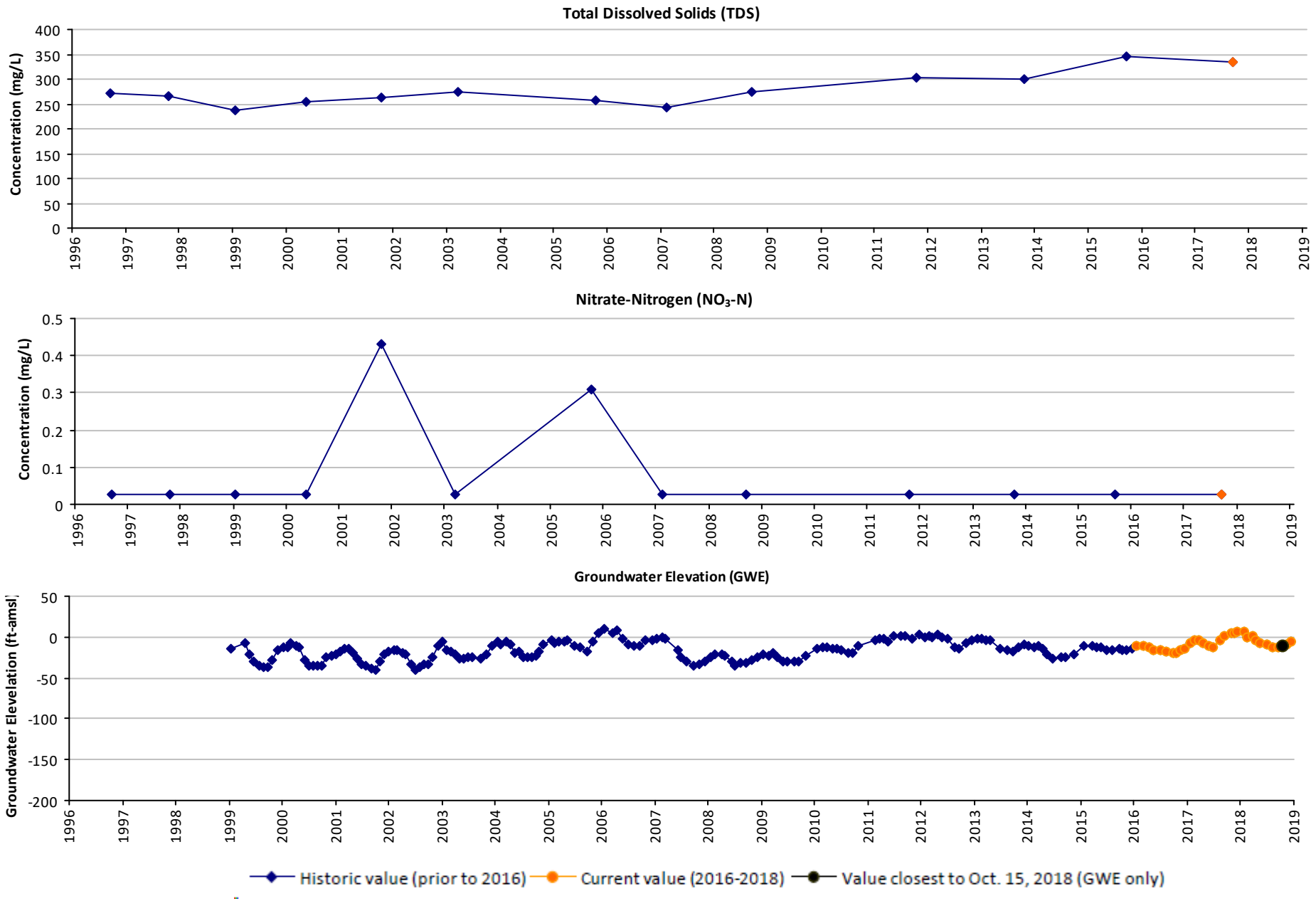

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

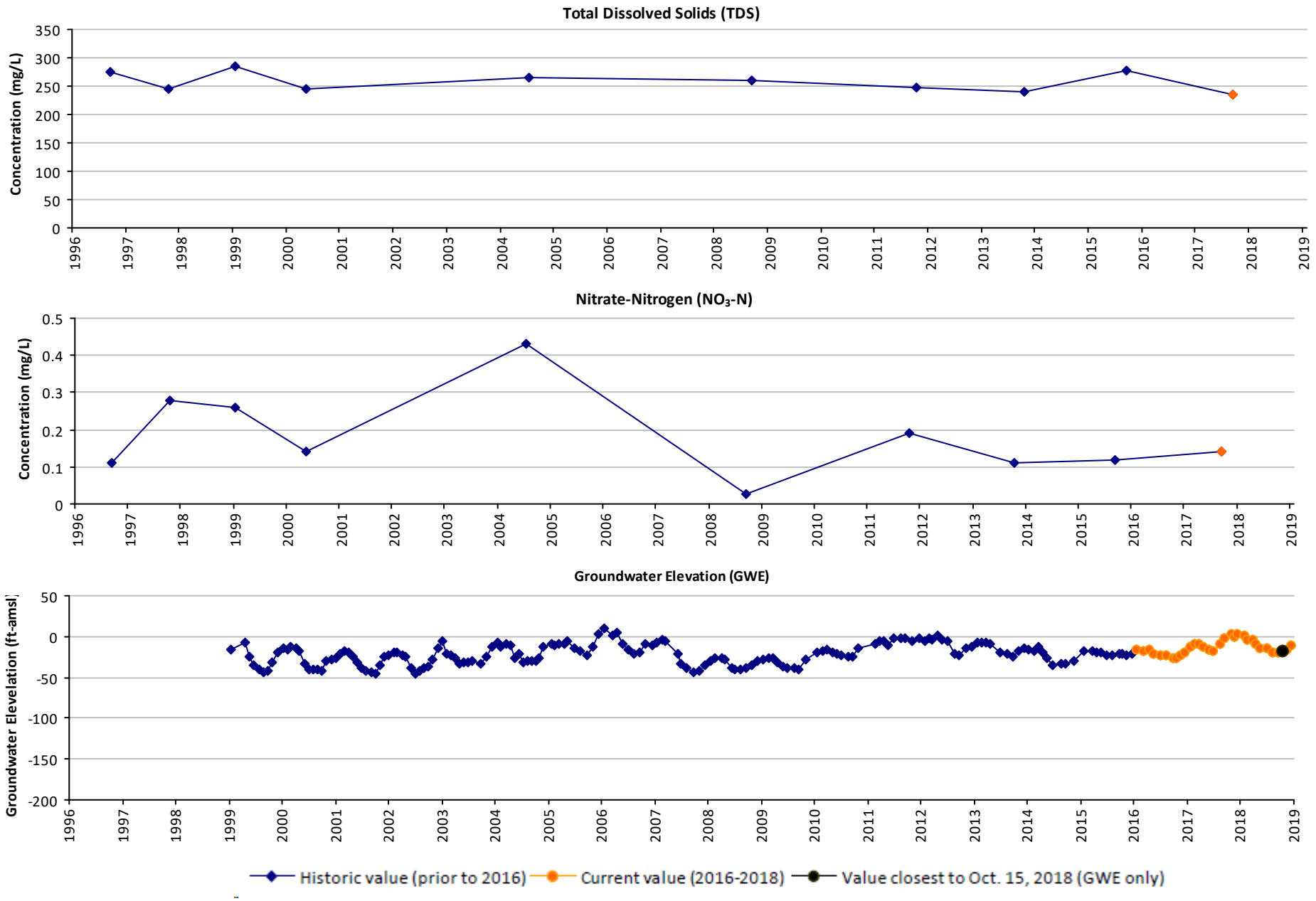

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

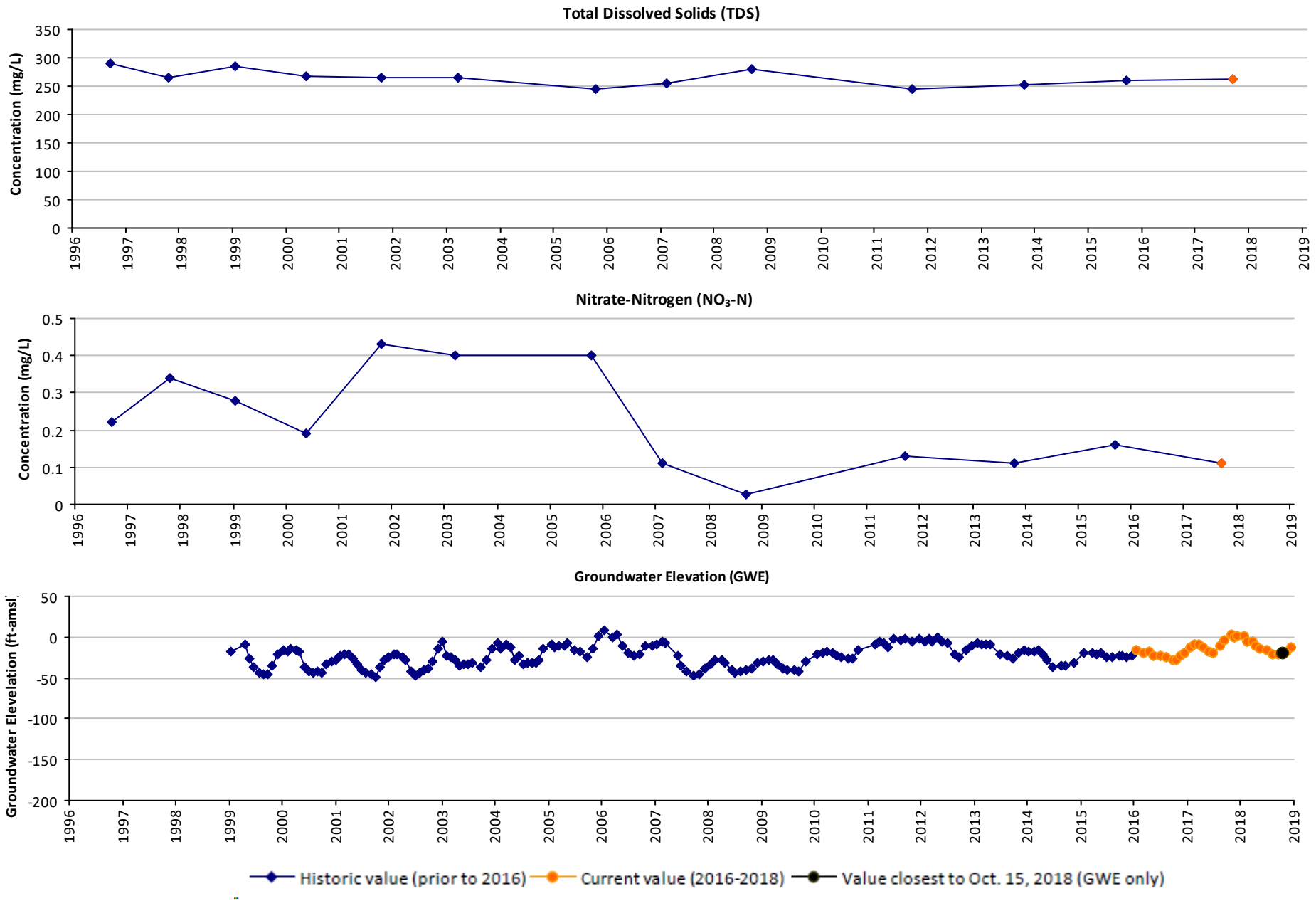

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

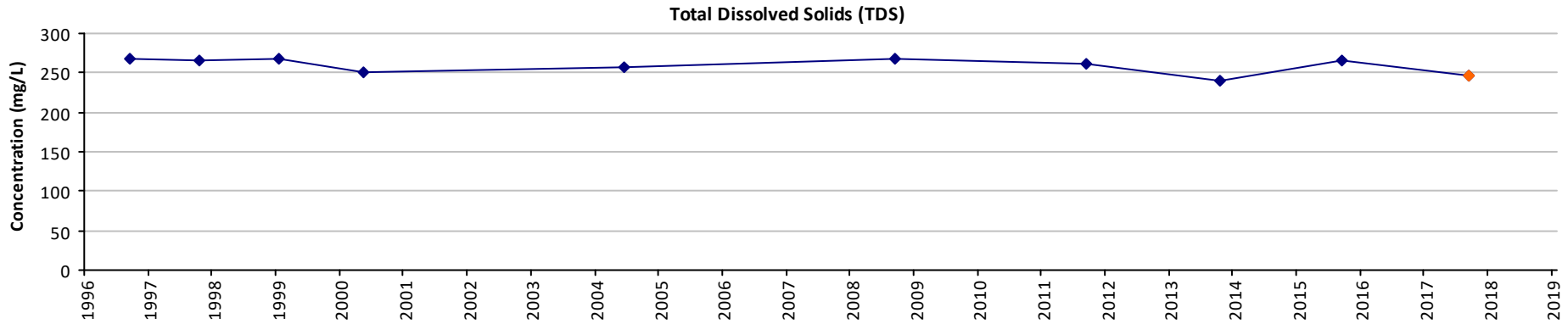

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
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2009
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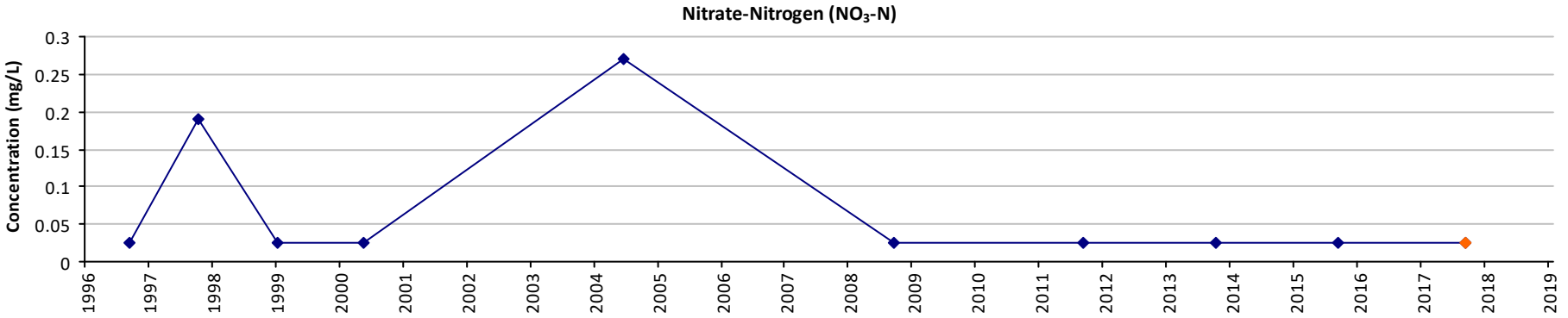
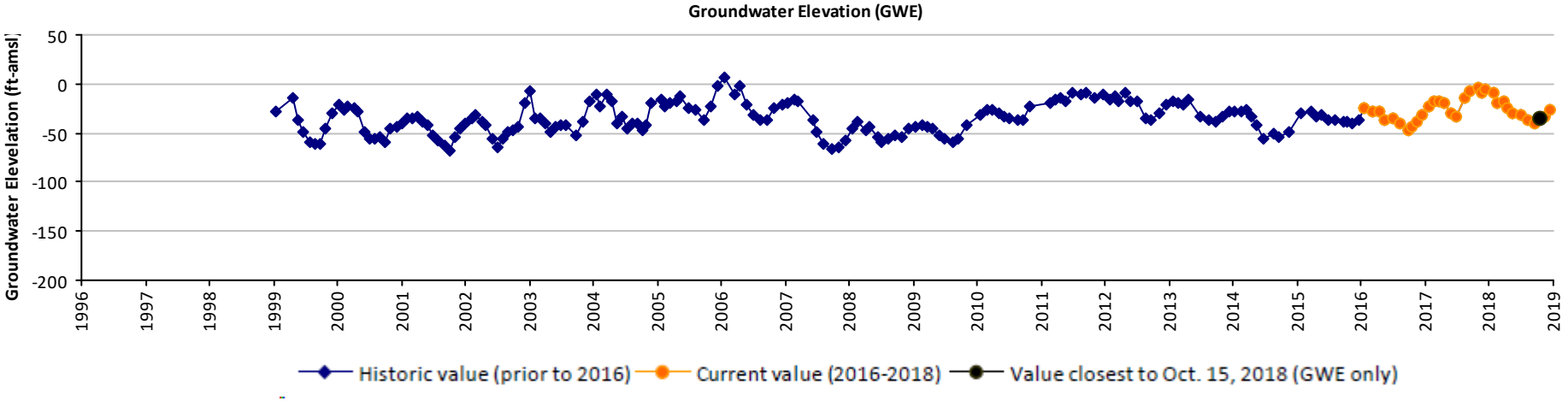
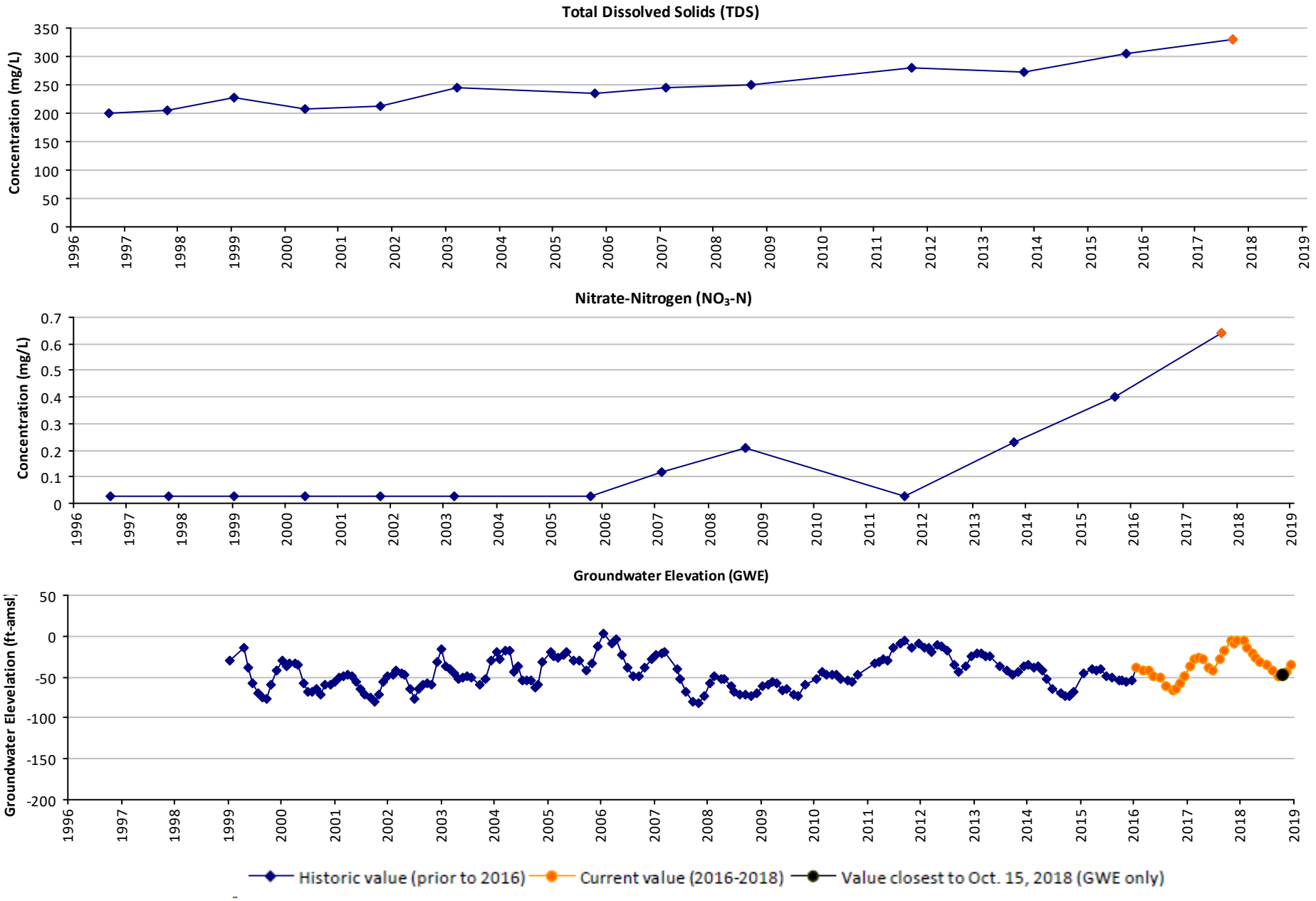
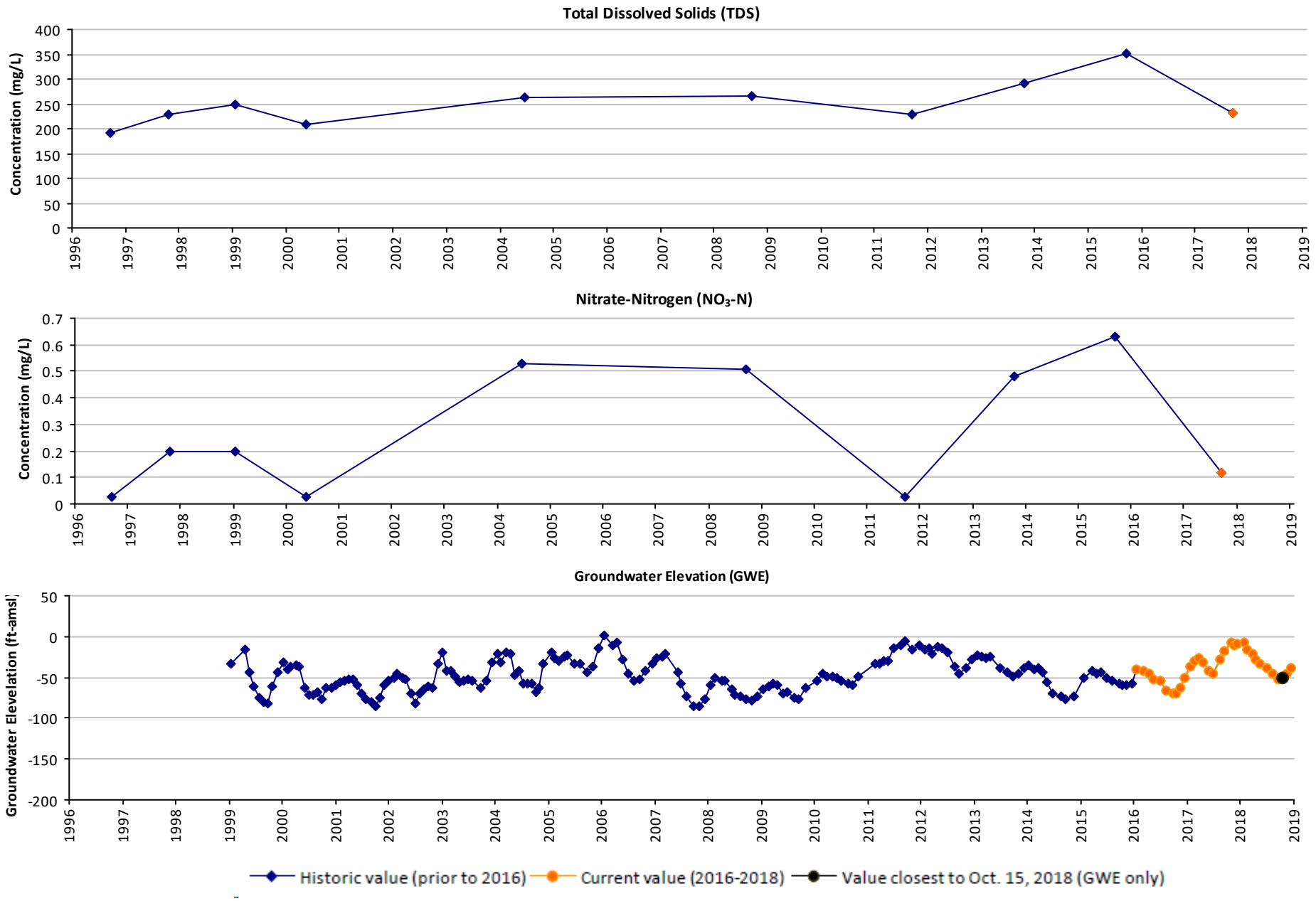
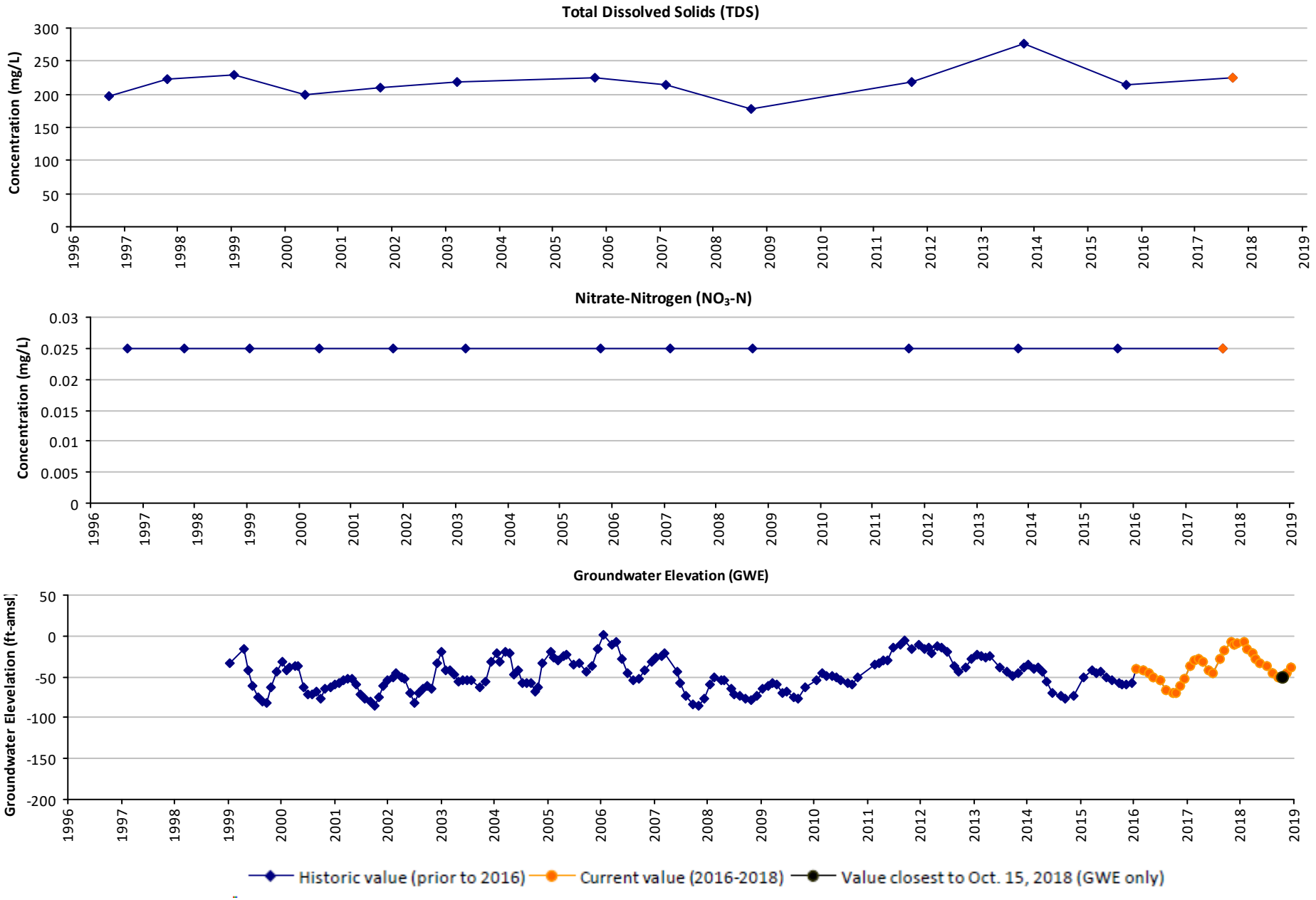
2015
2016
2017
2018
2019

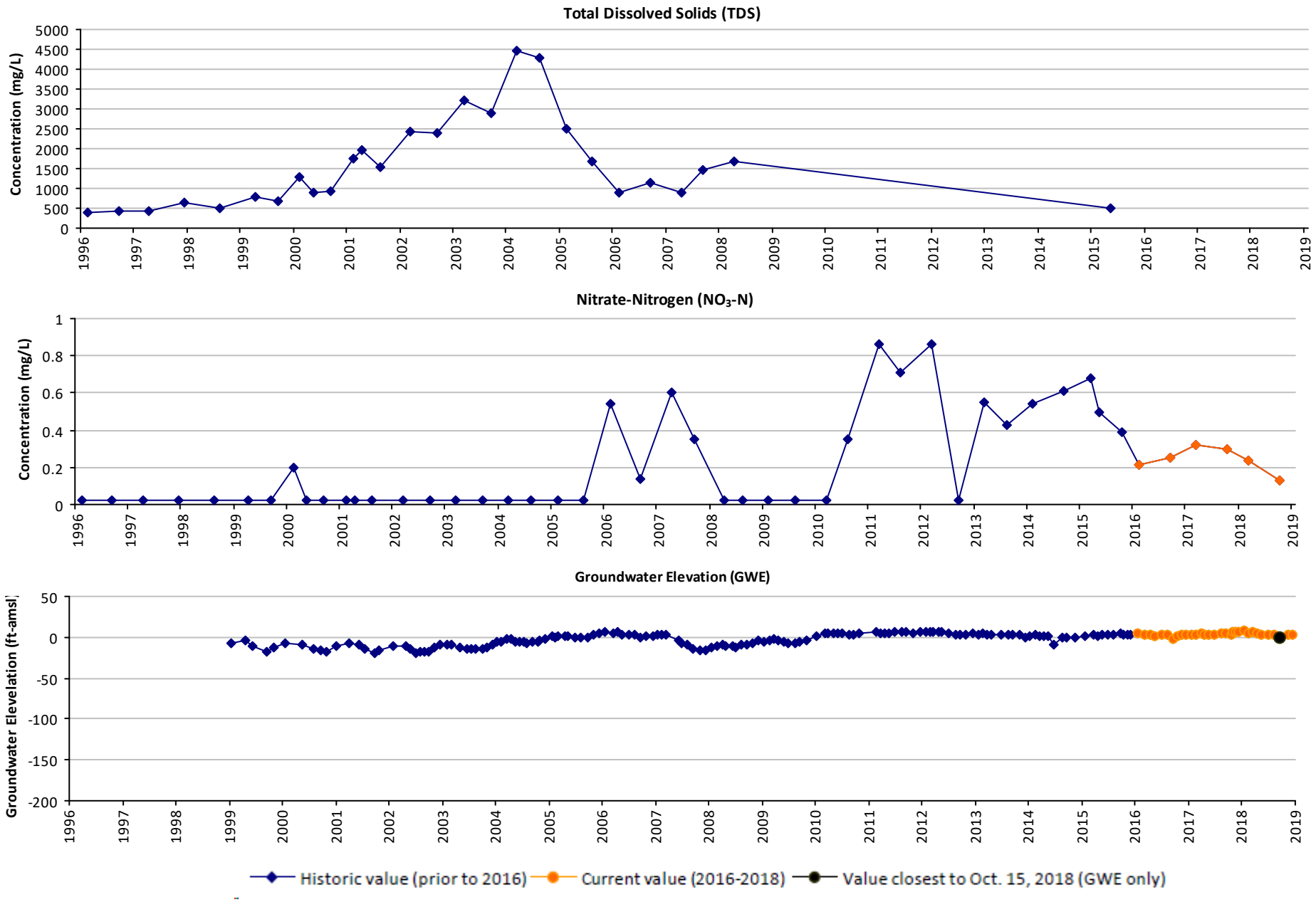

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

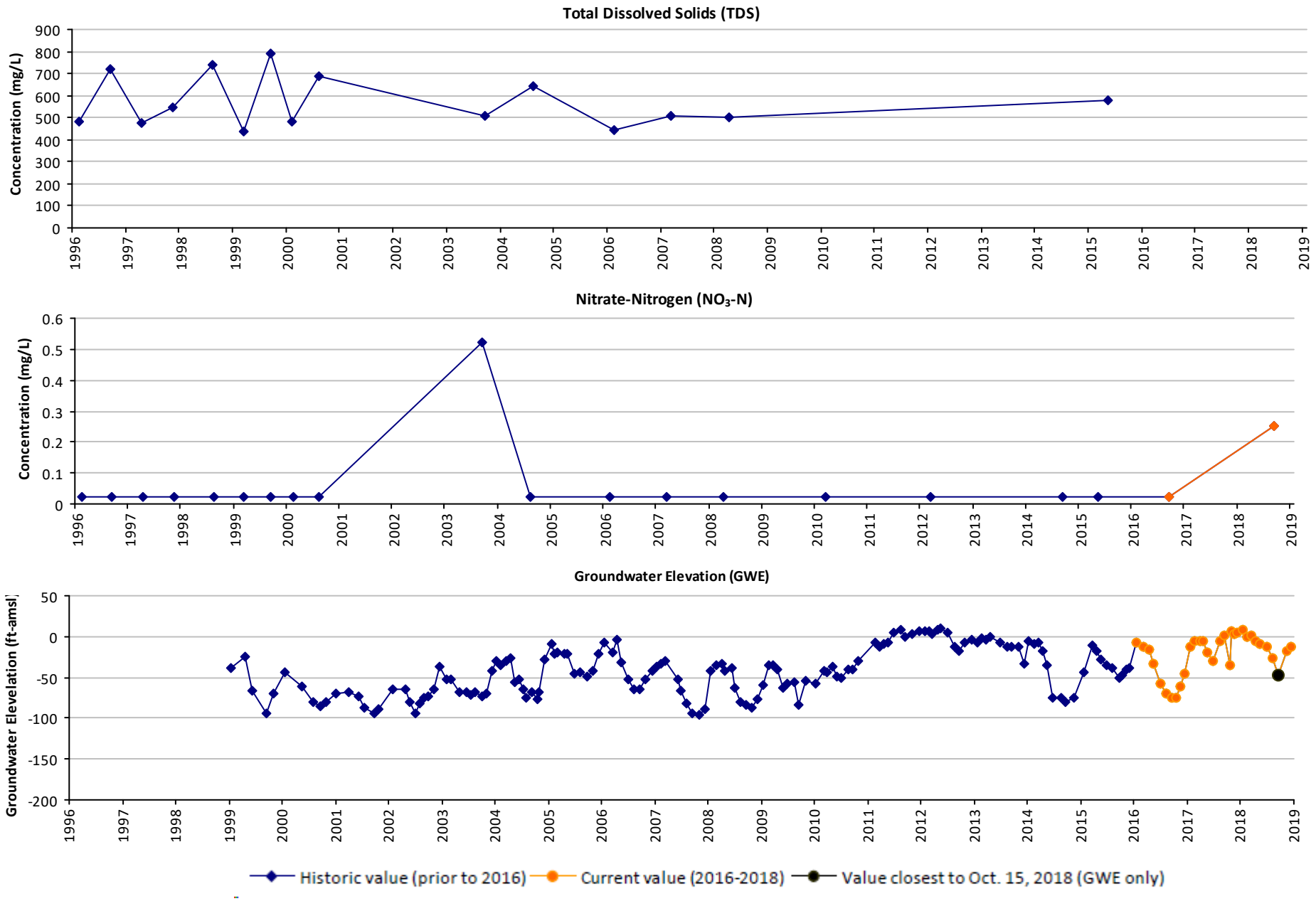

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

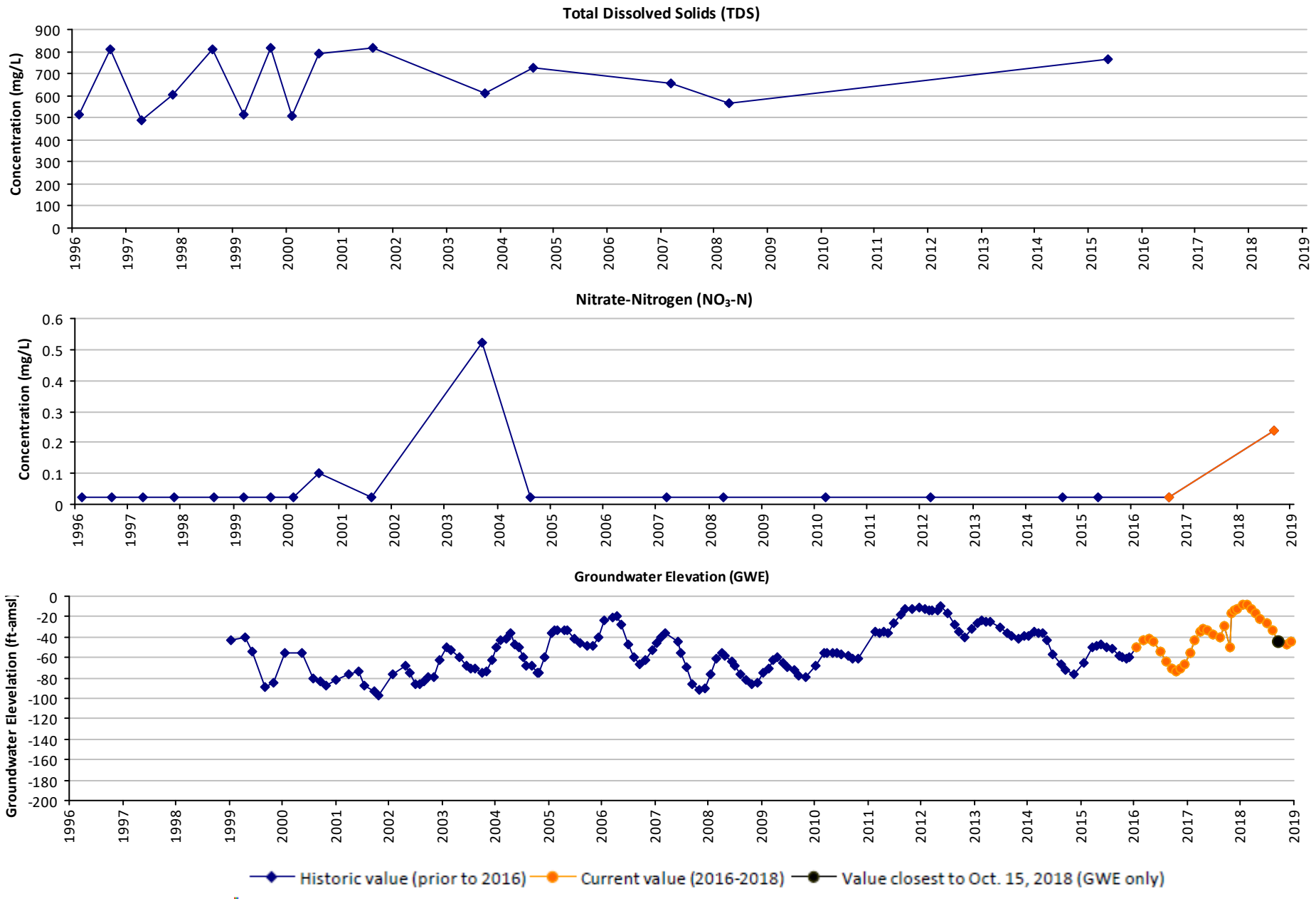

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

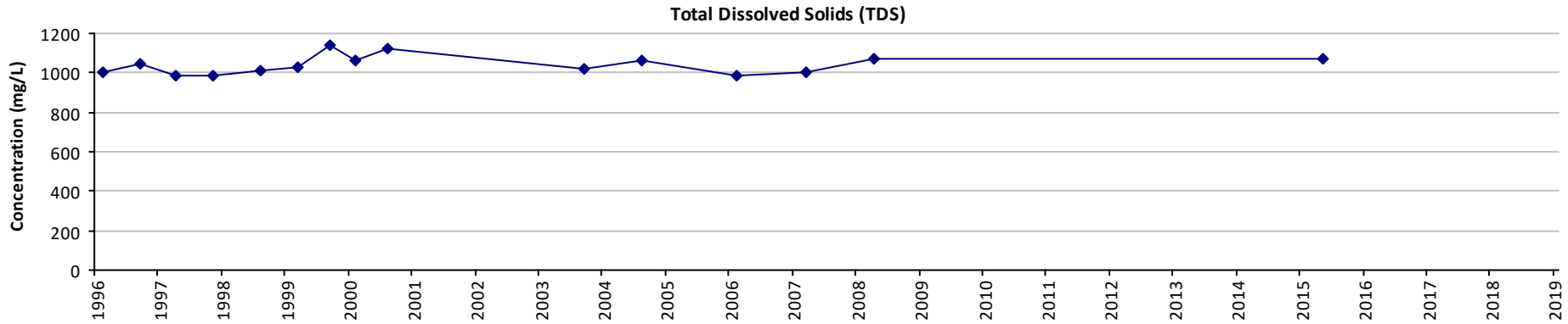

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

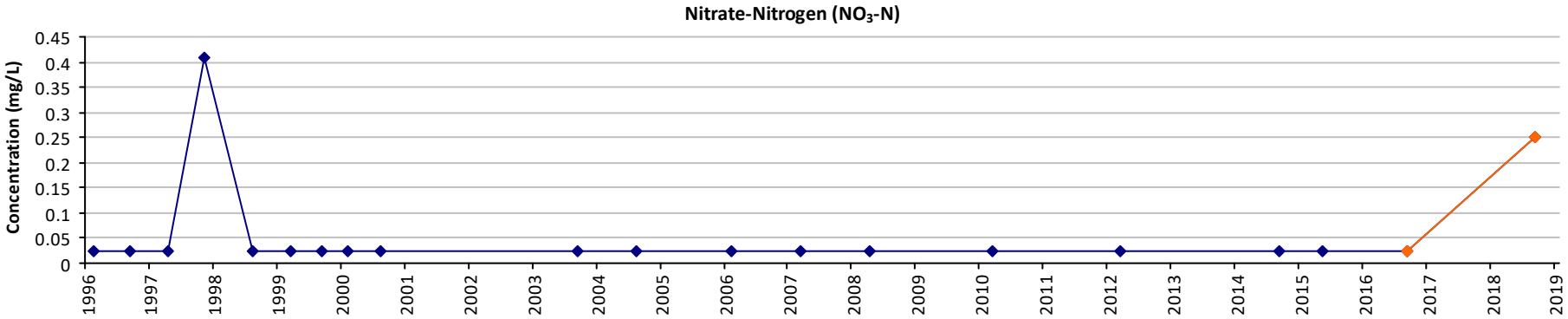

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

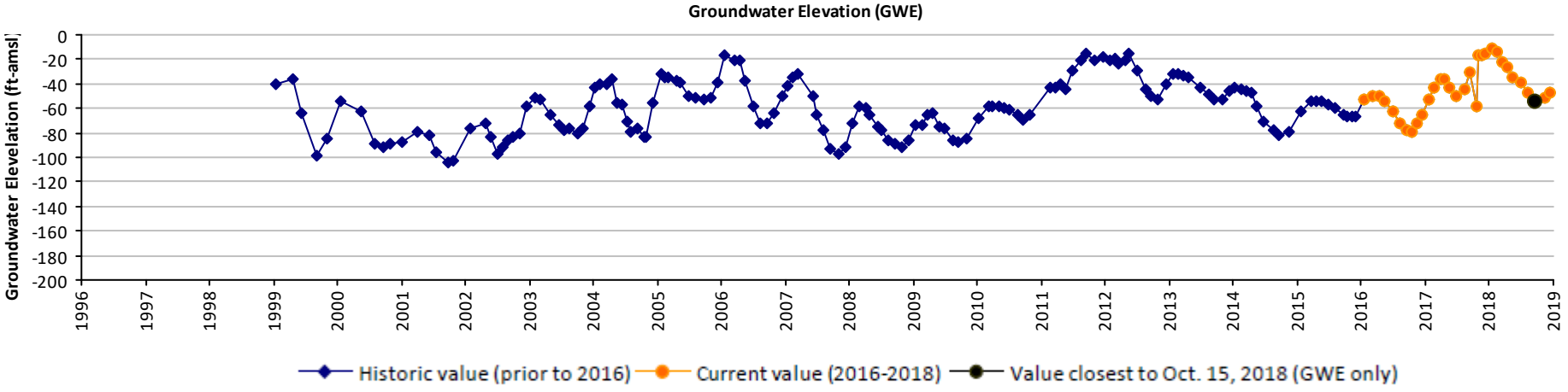

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

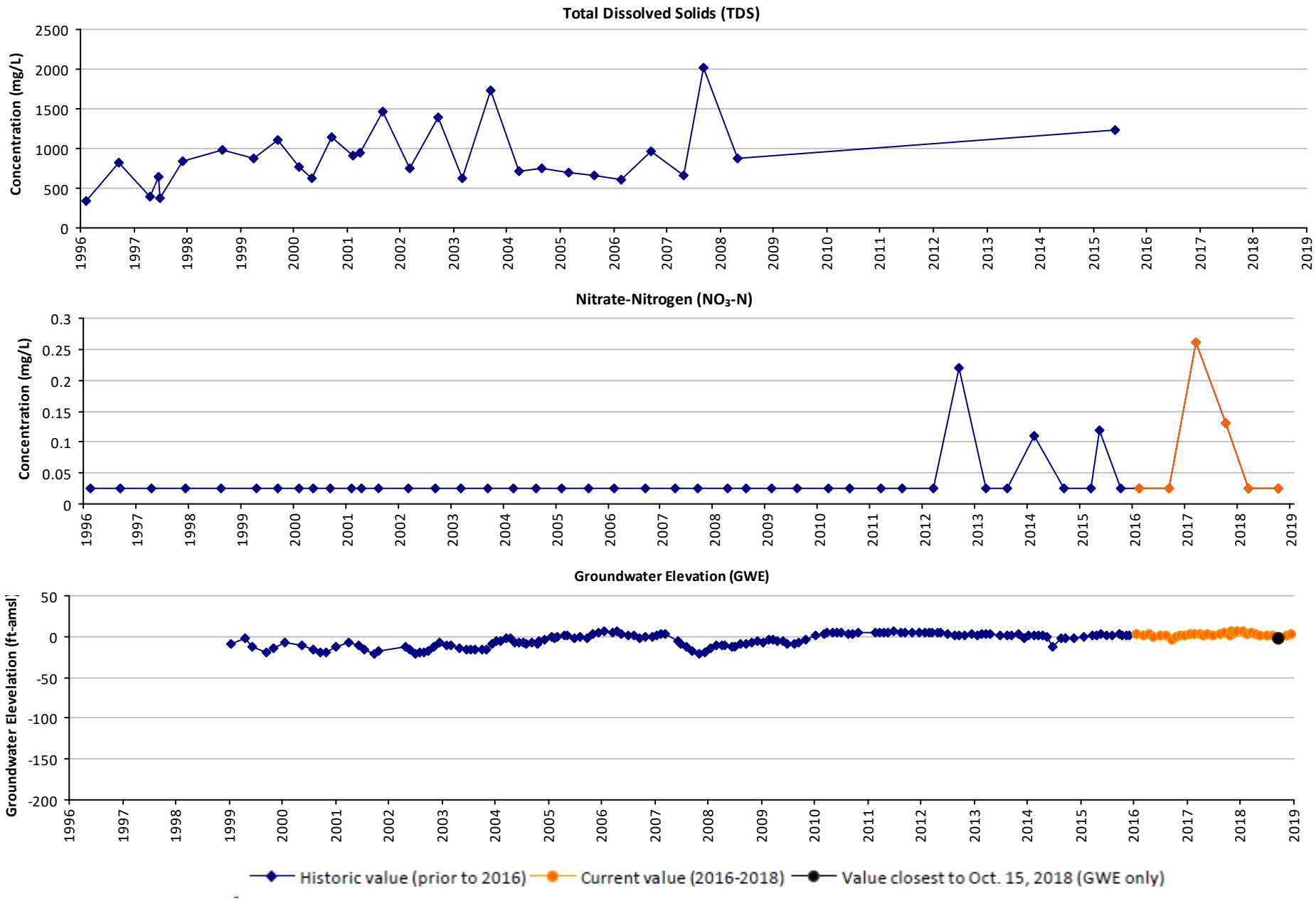

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

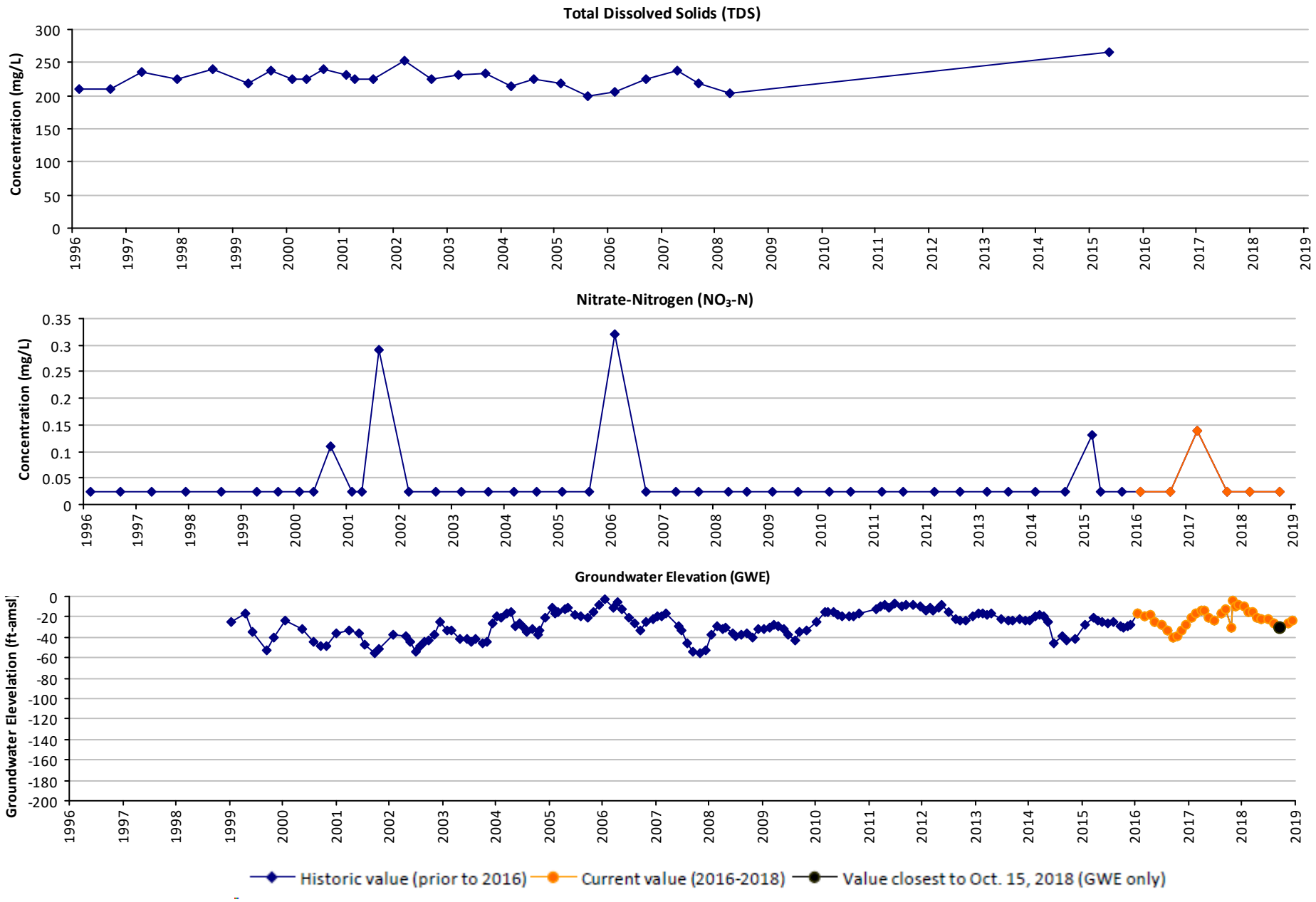

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

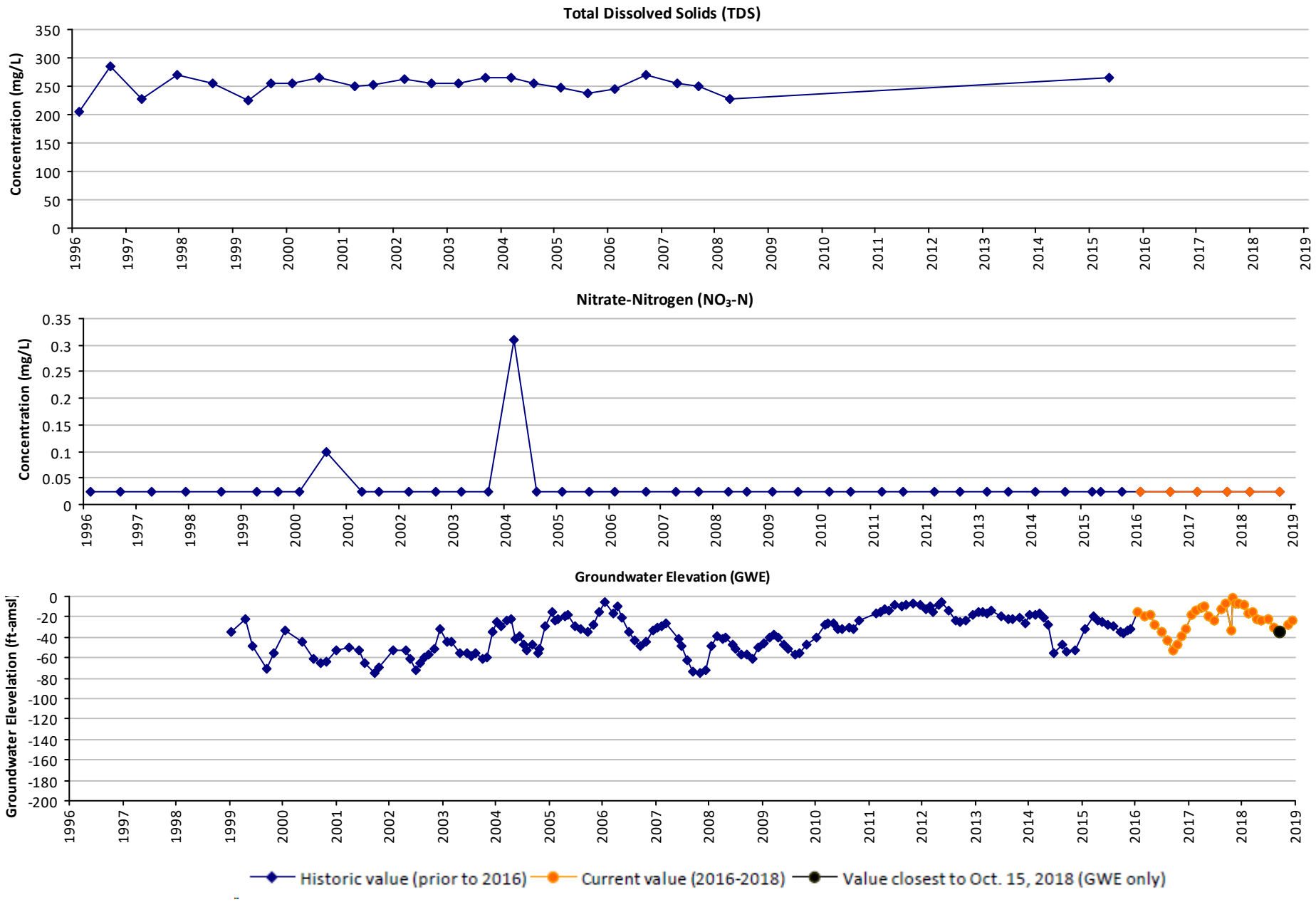

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

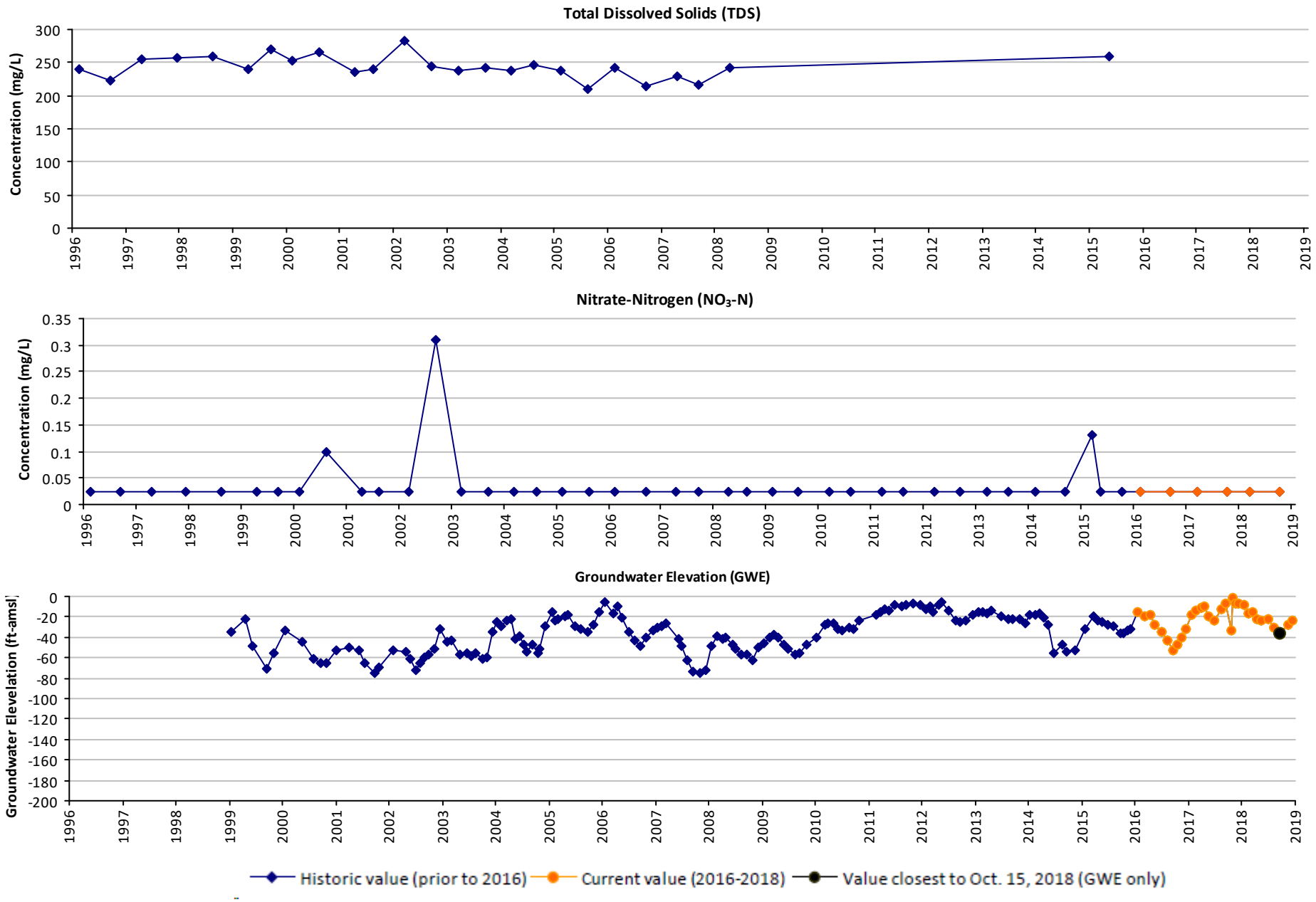

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

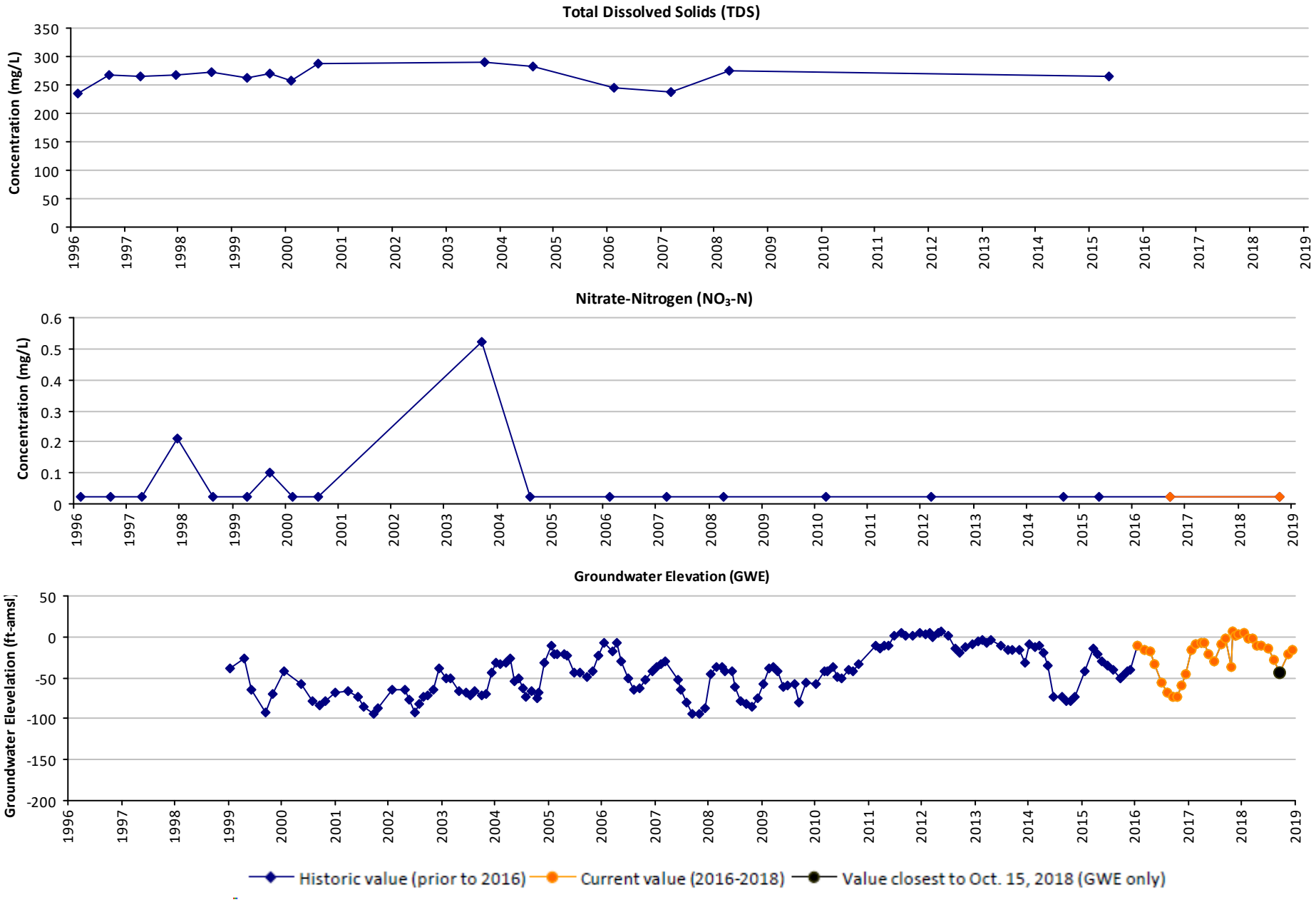

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

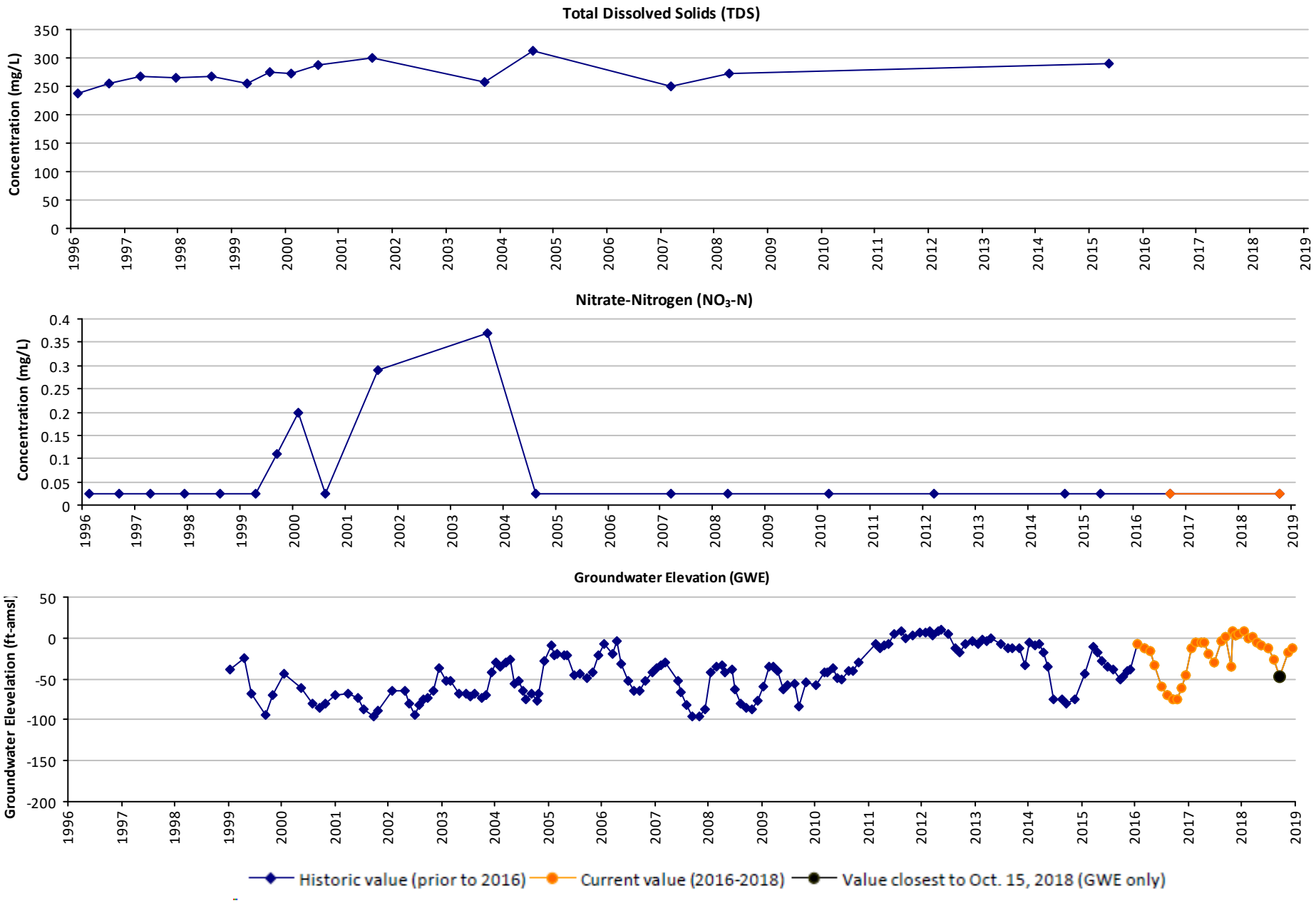

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

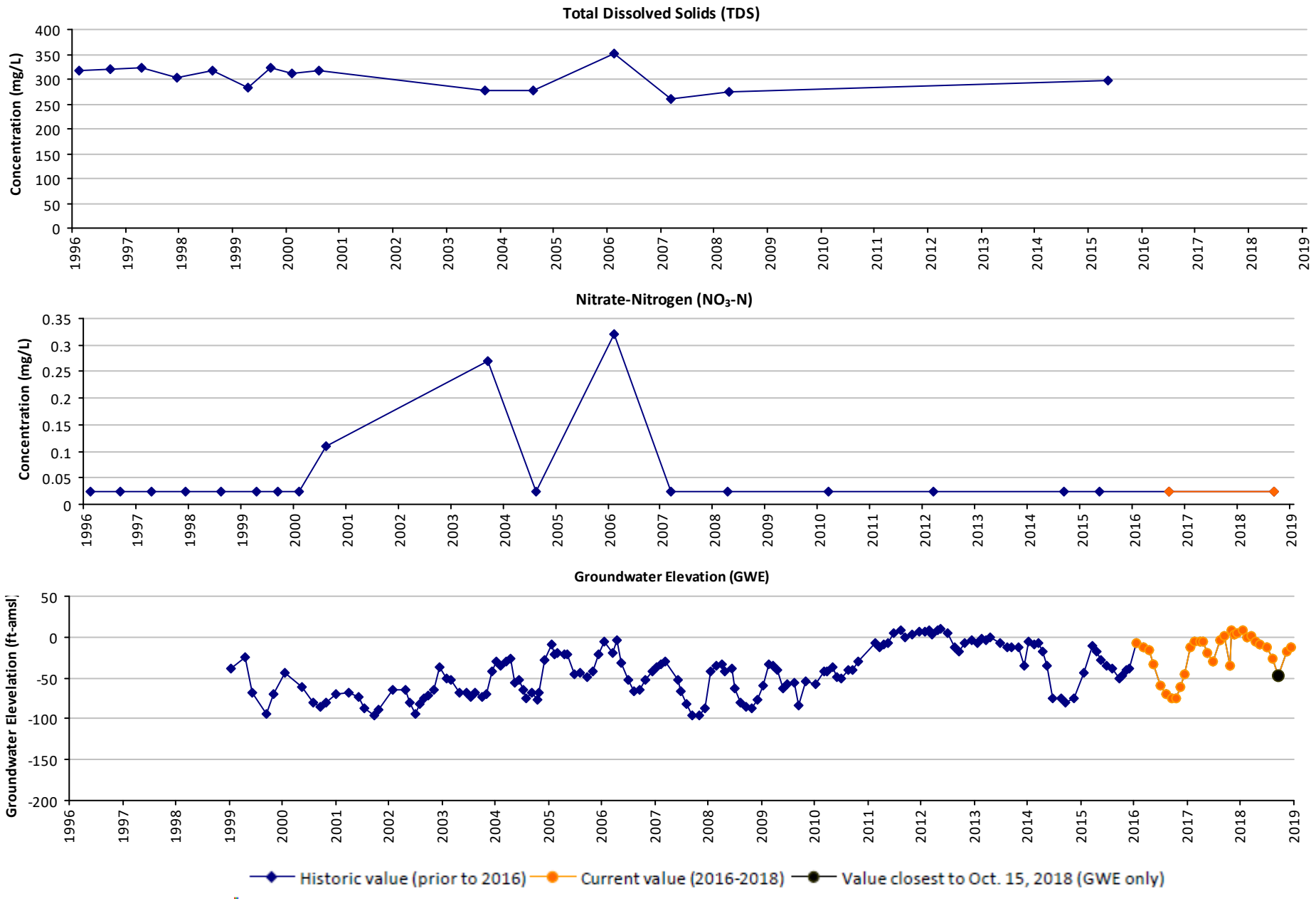

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

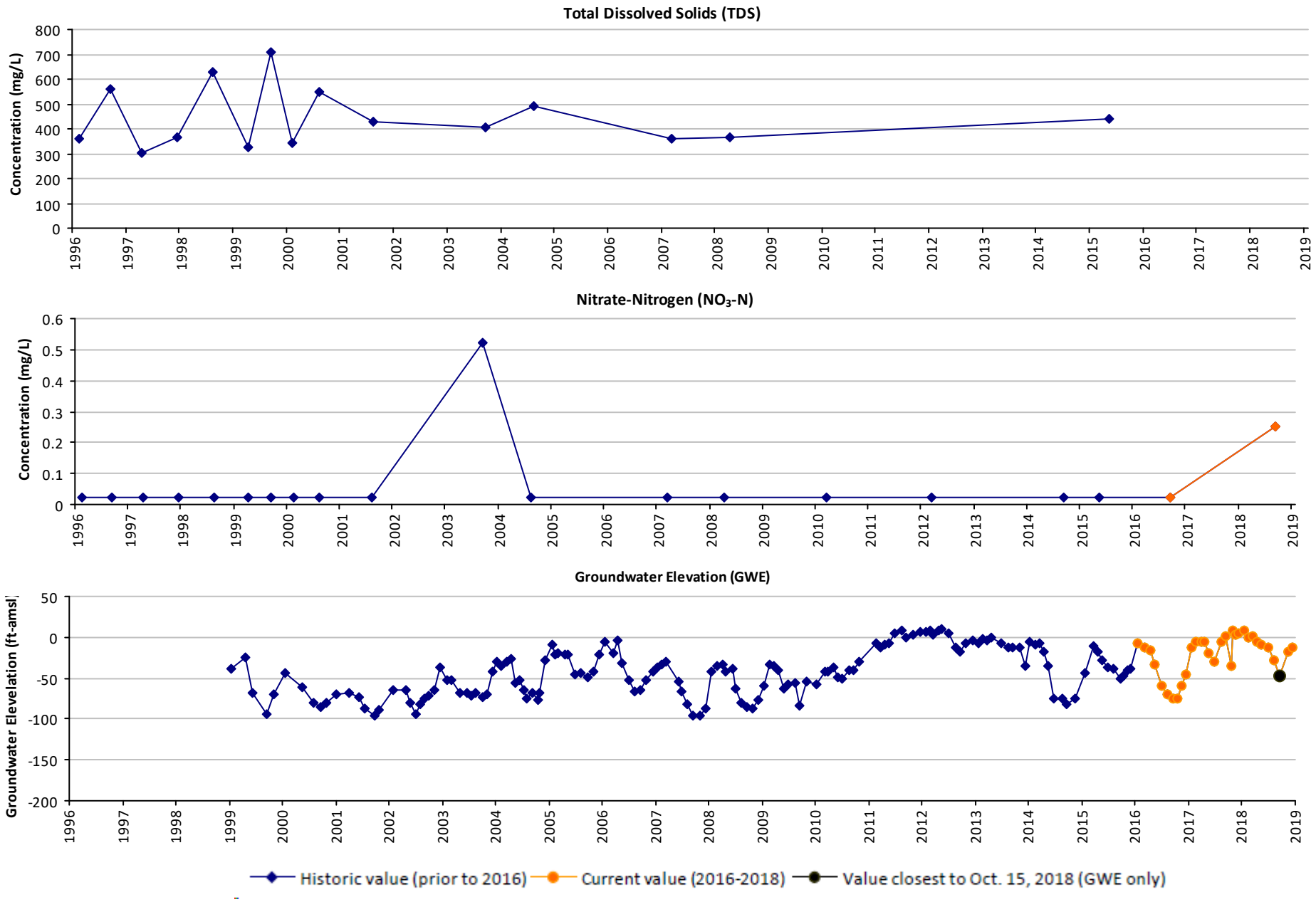

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

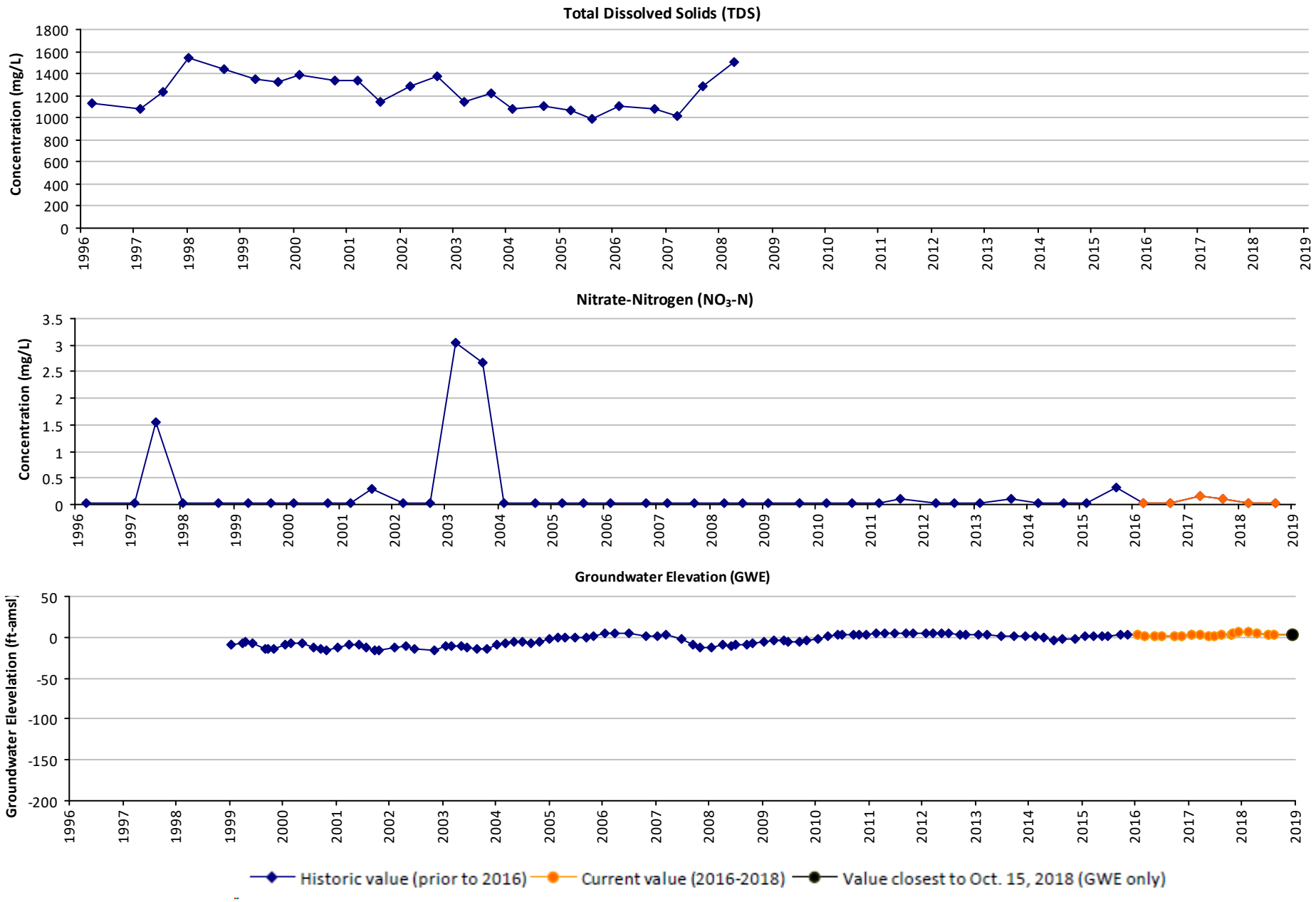

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

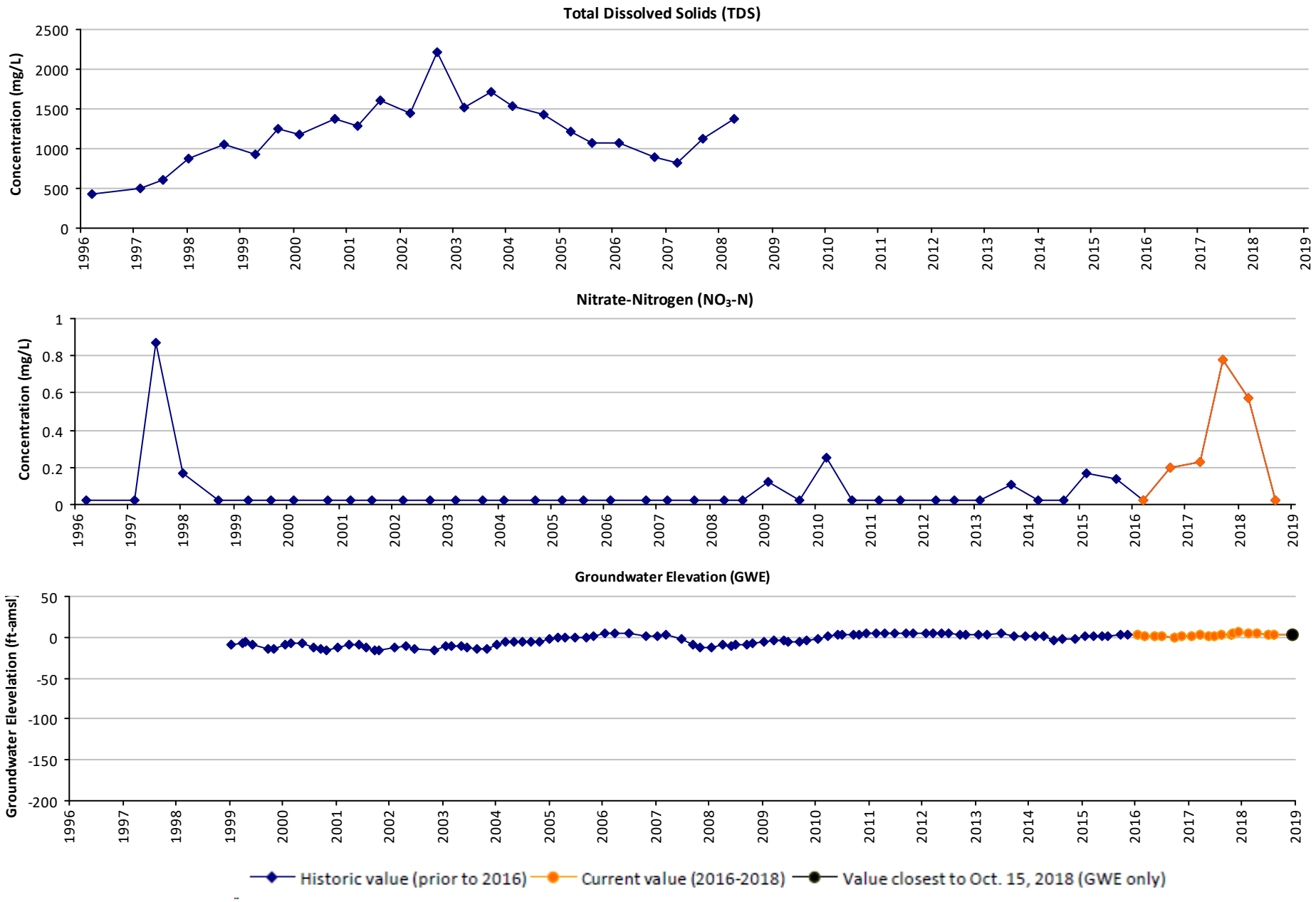

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

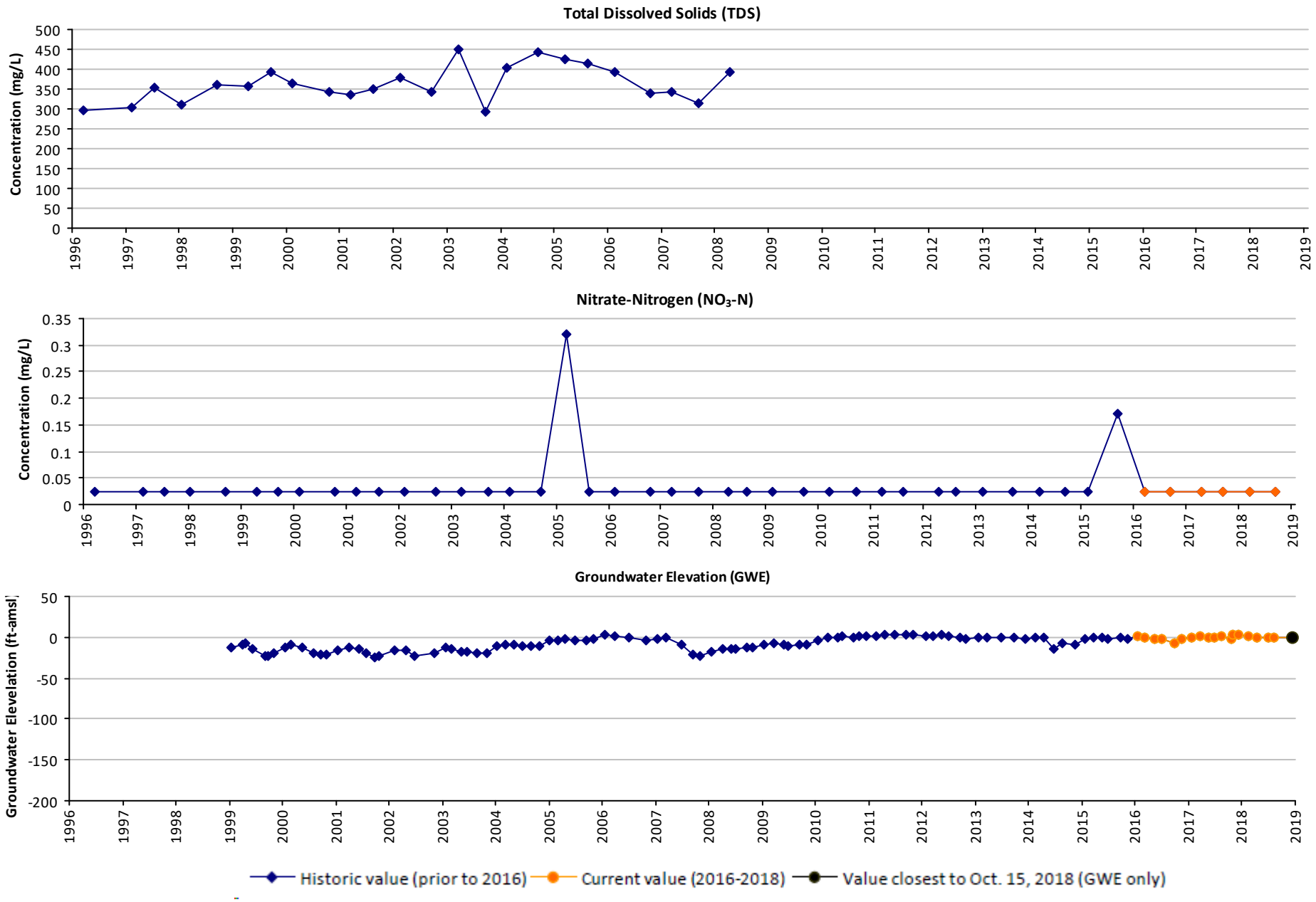

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

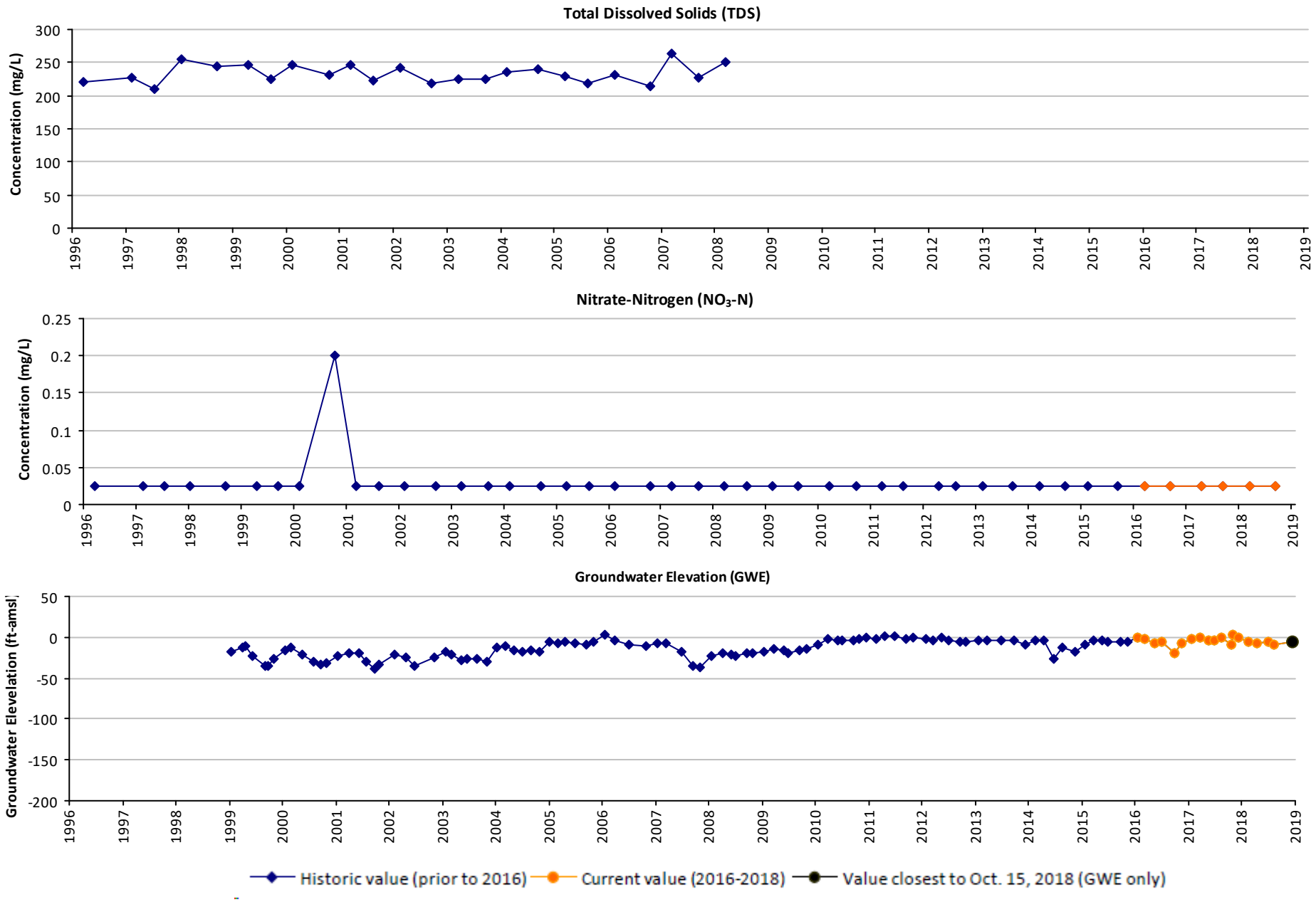

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

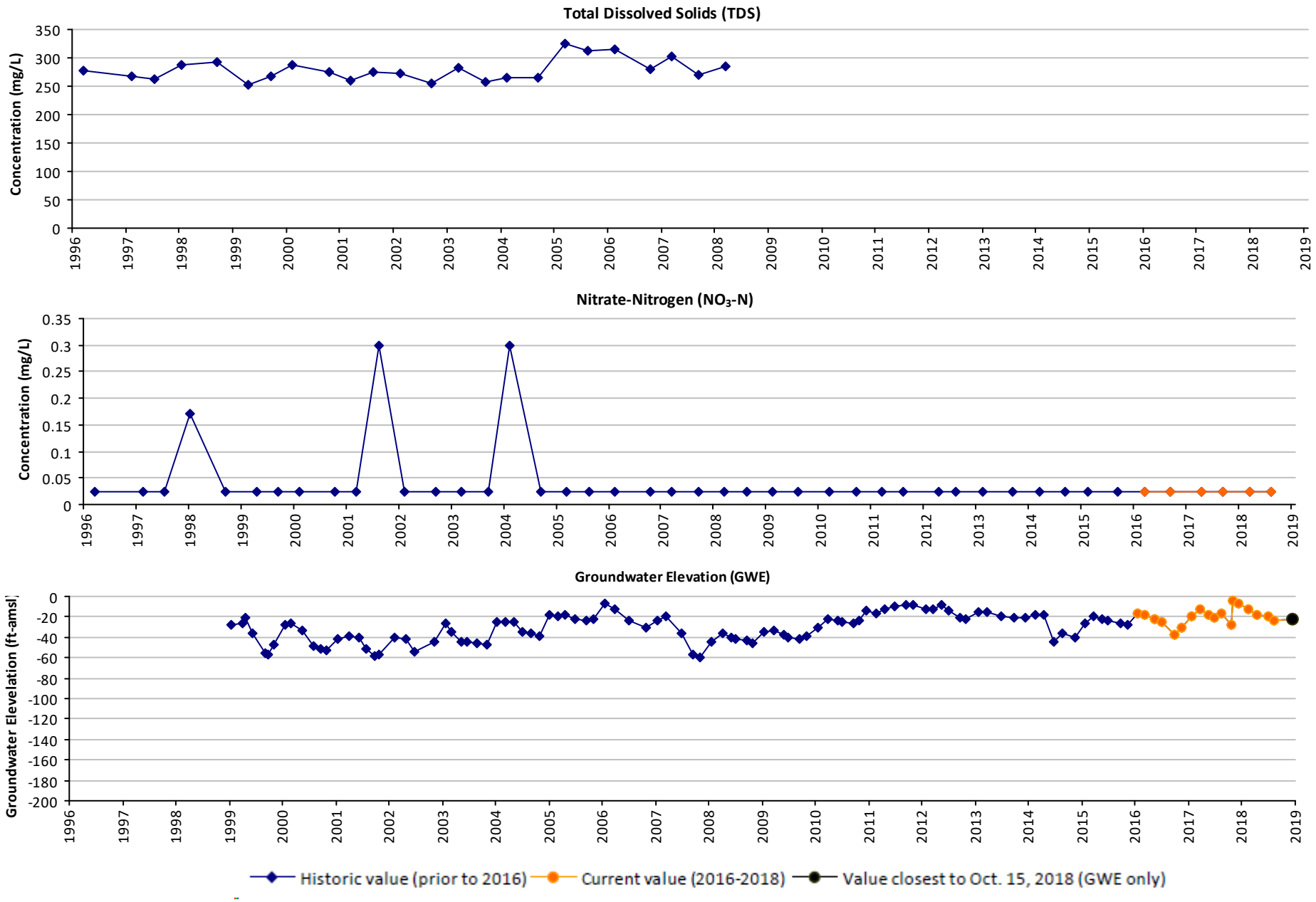

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

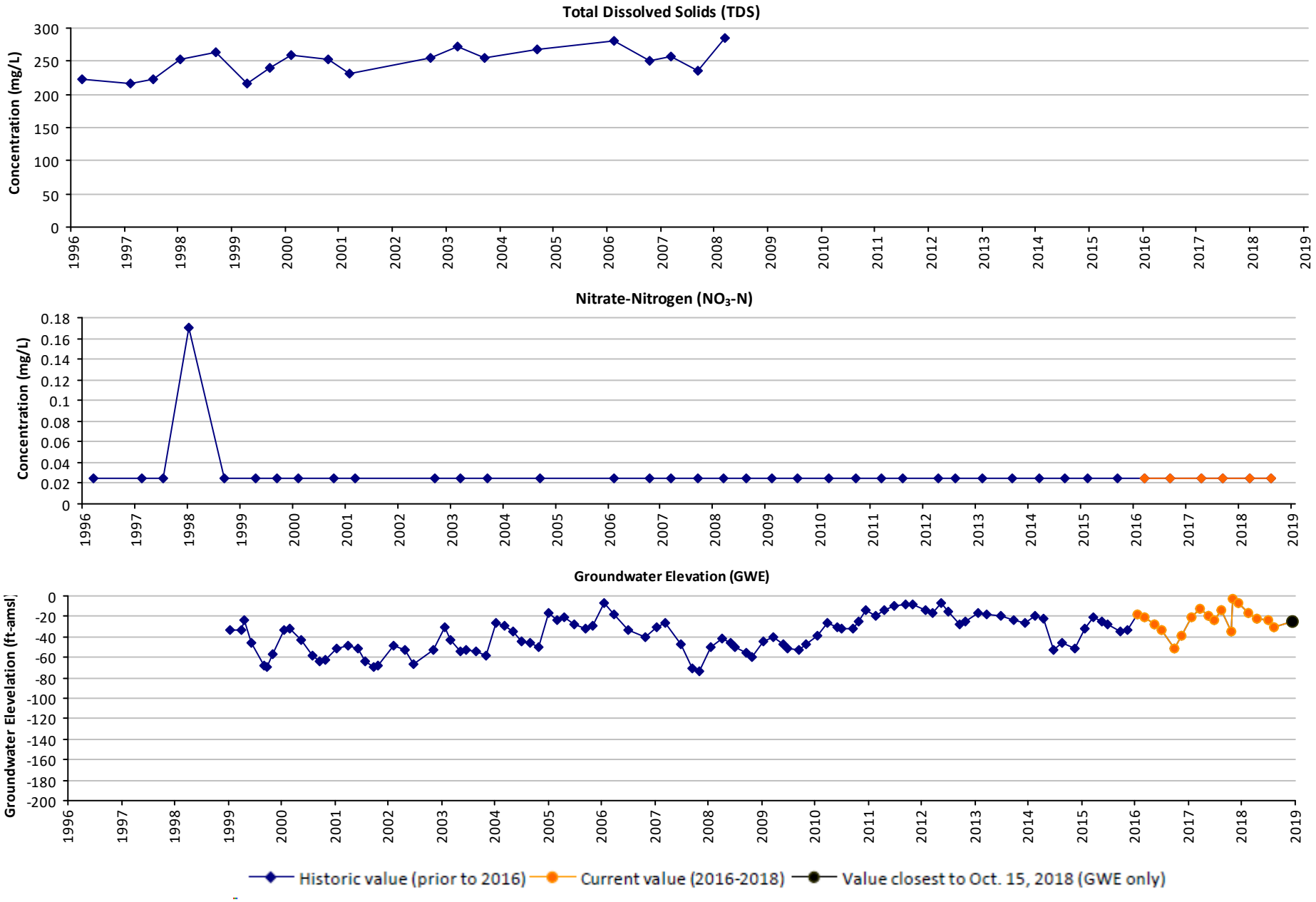

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

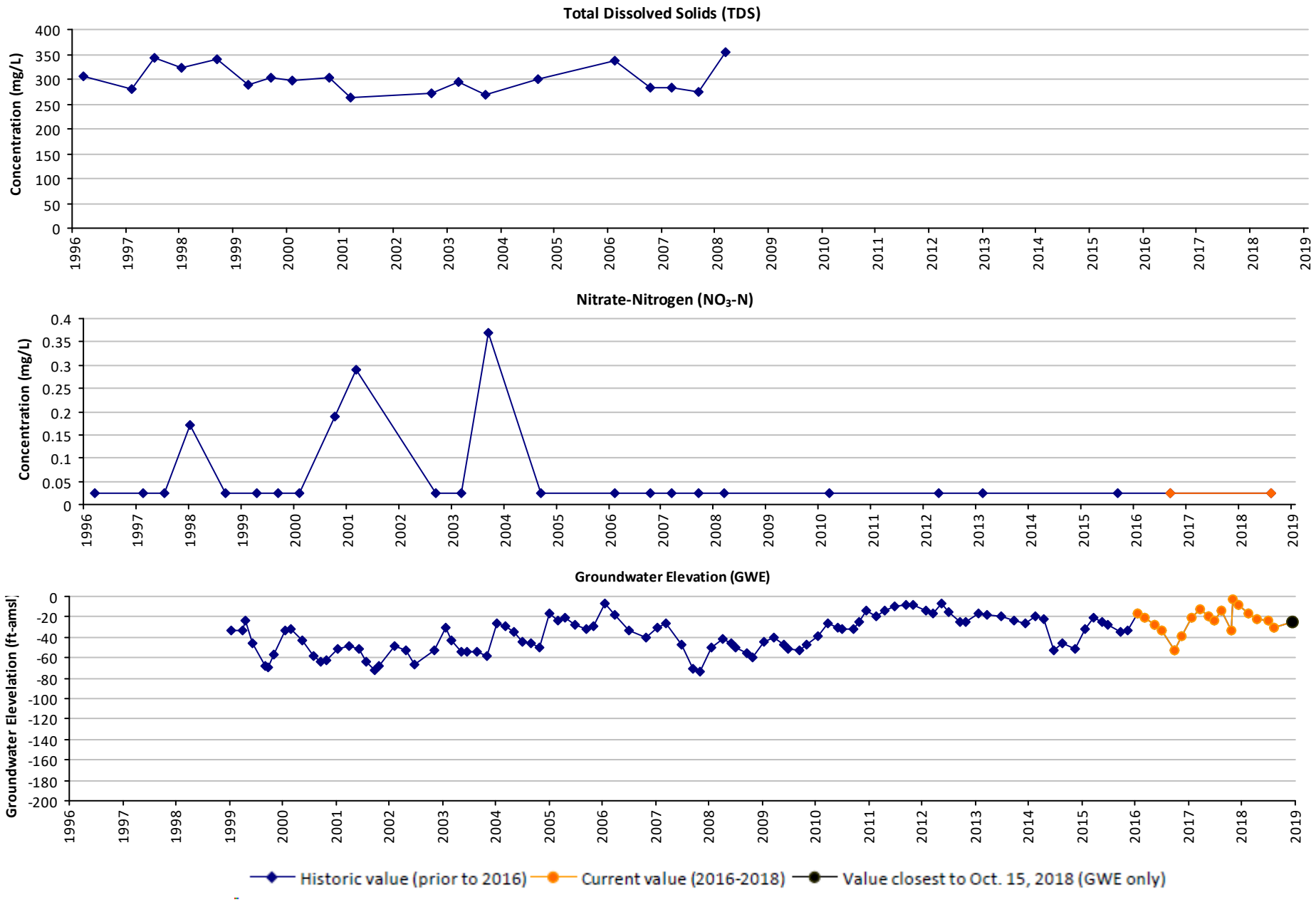

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

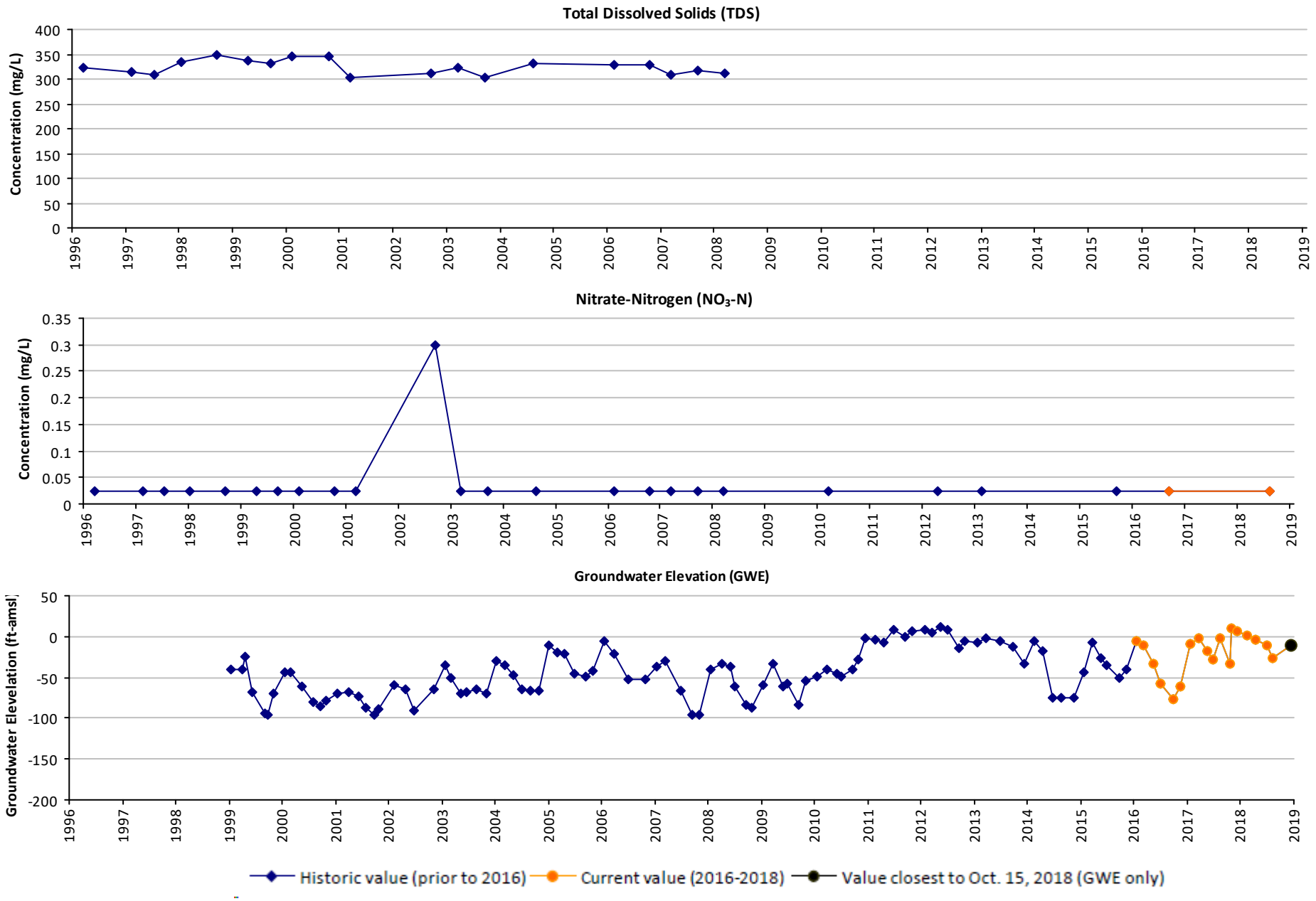

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

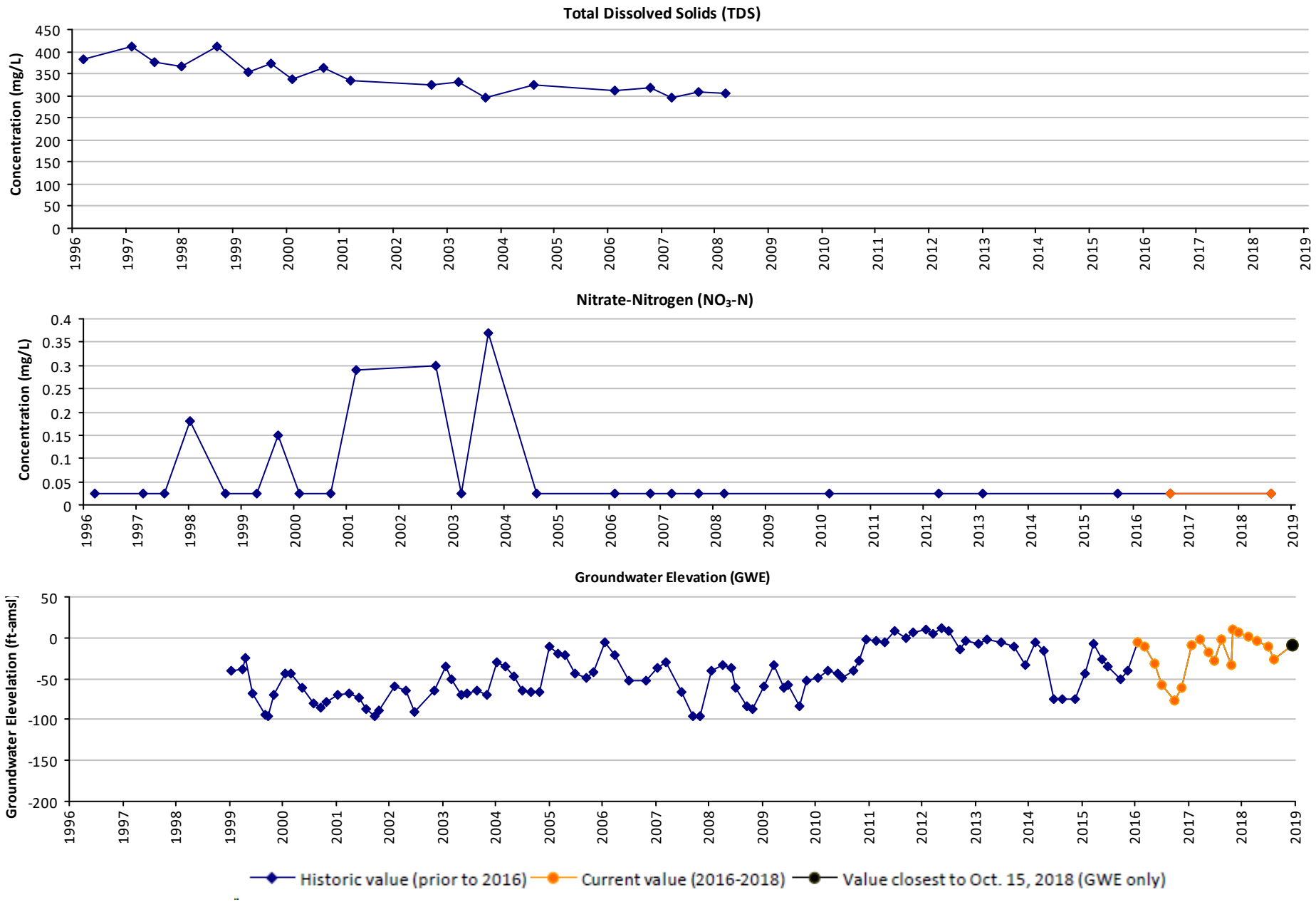

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

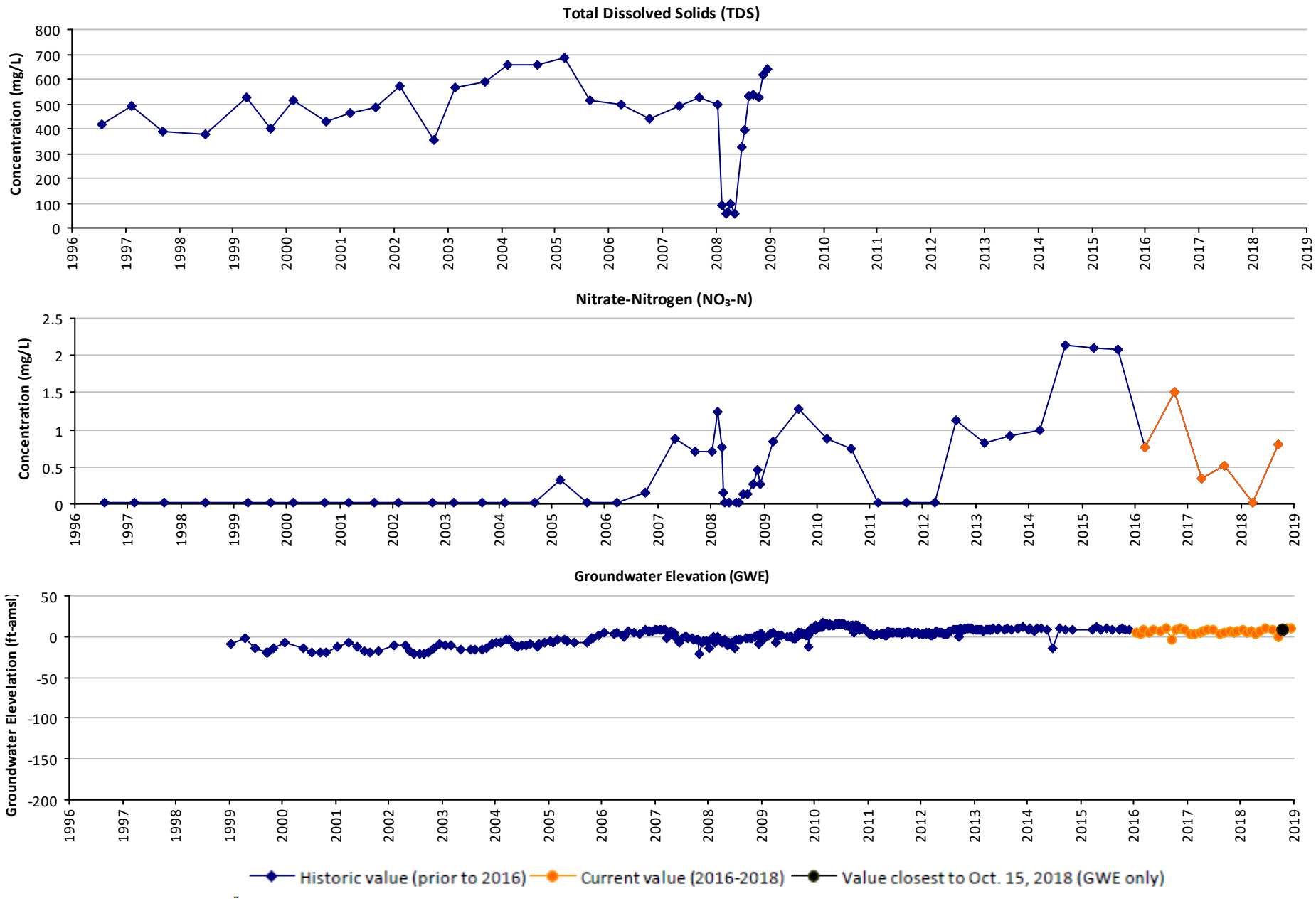

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

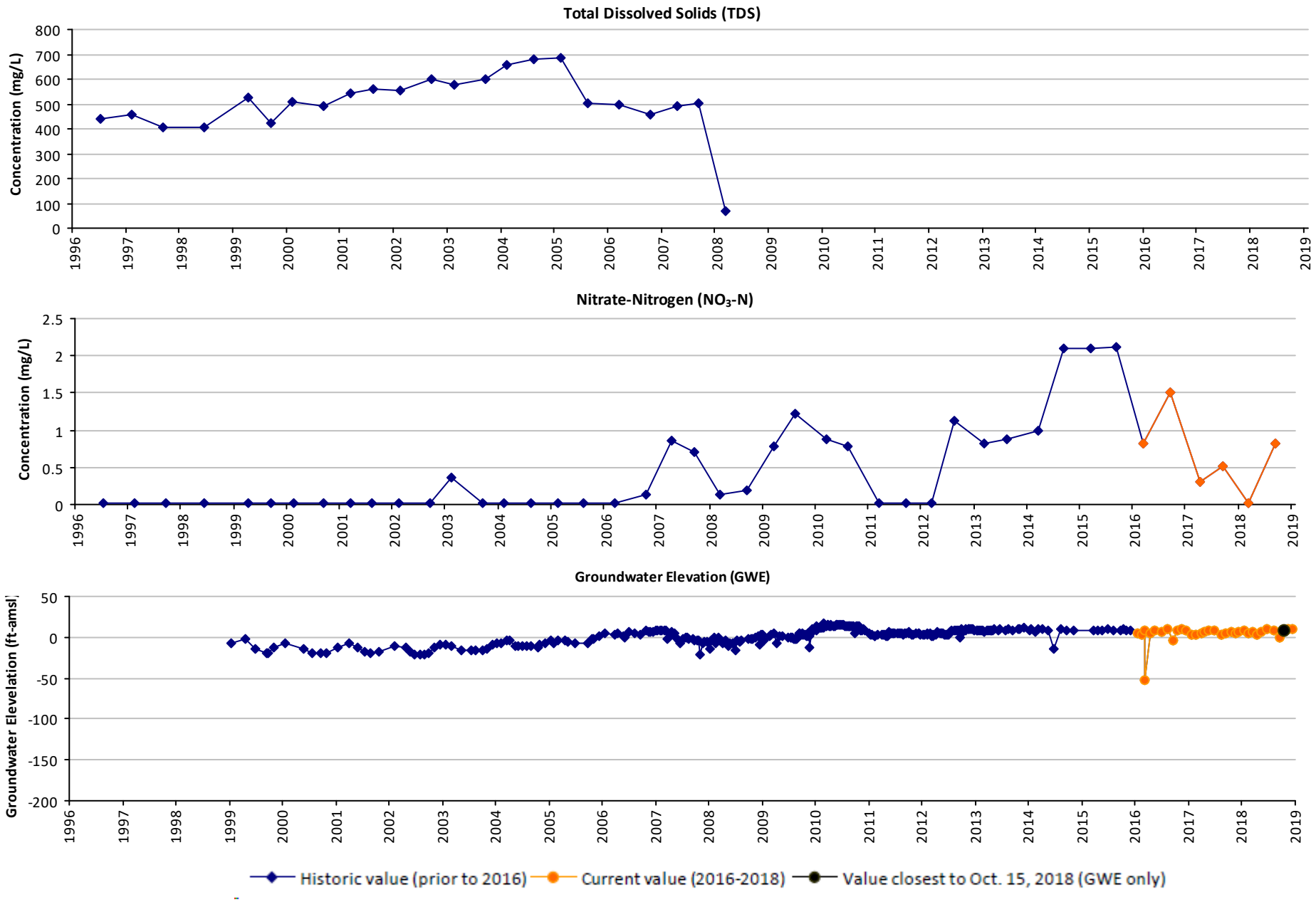

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

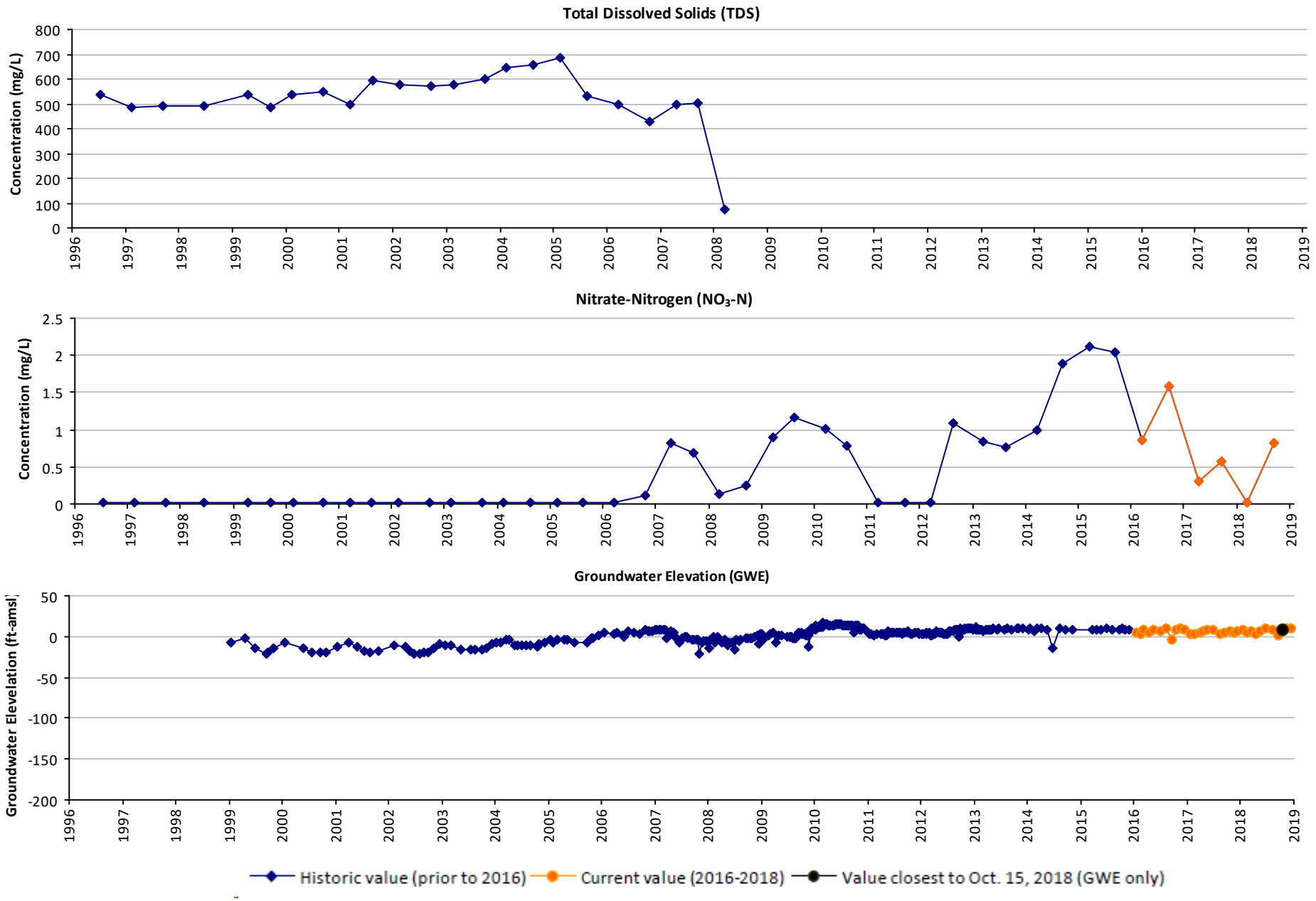

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

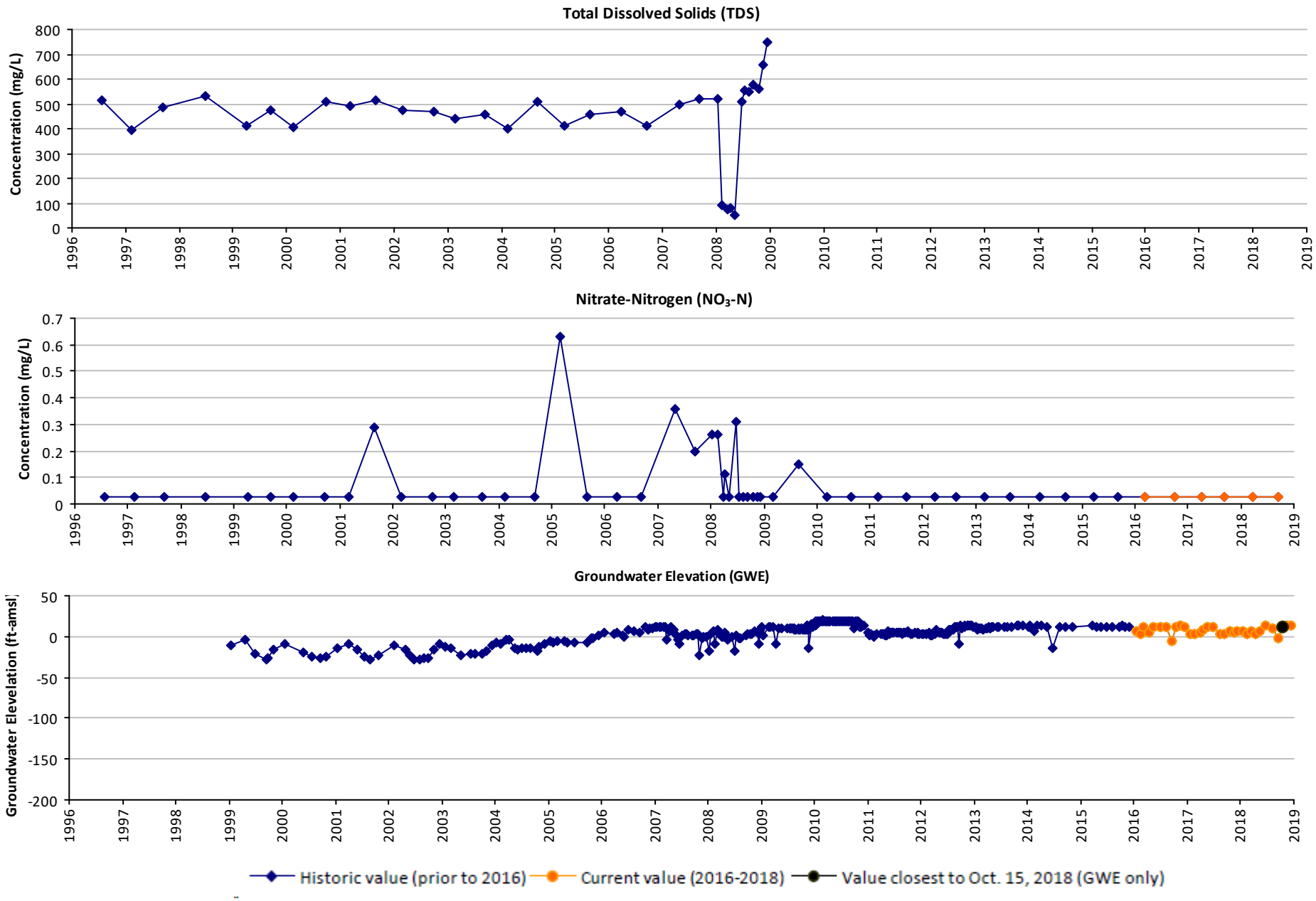

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

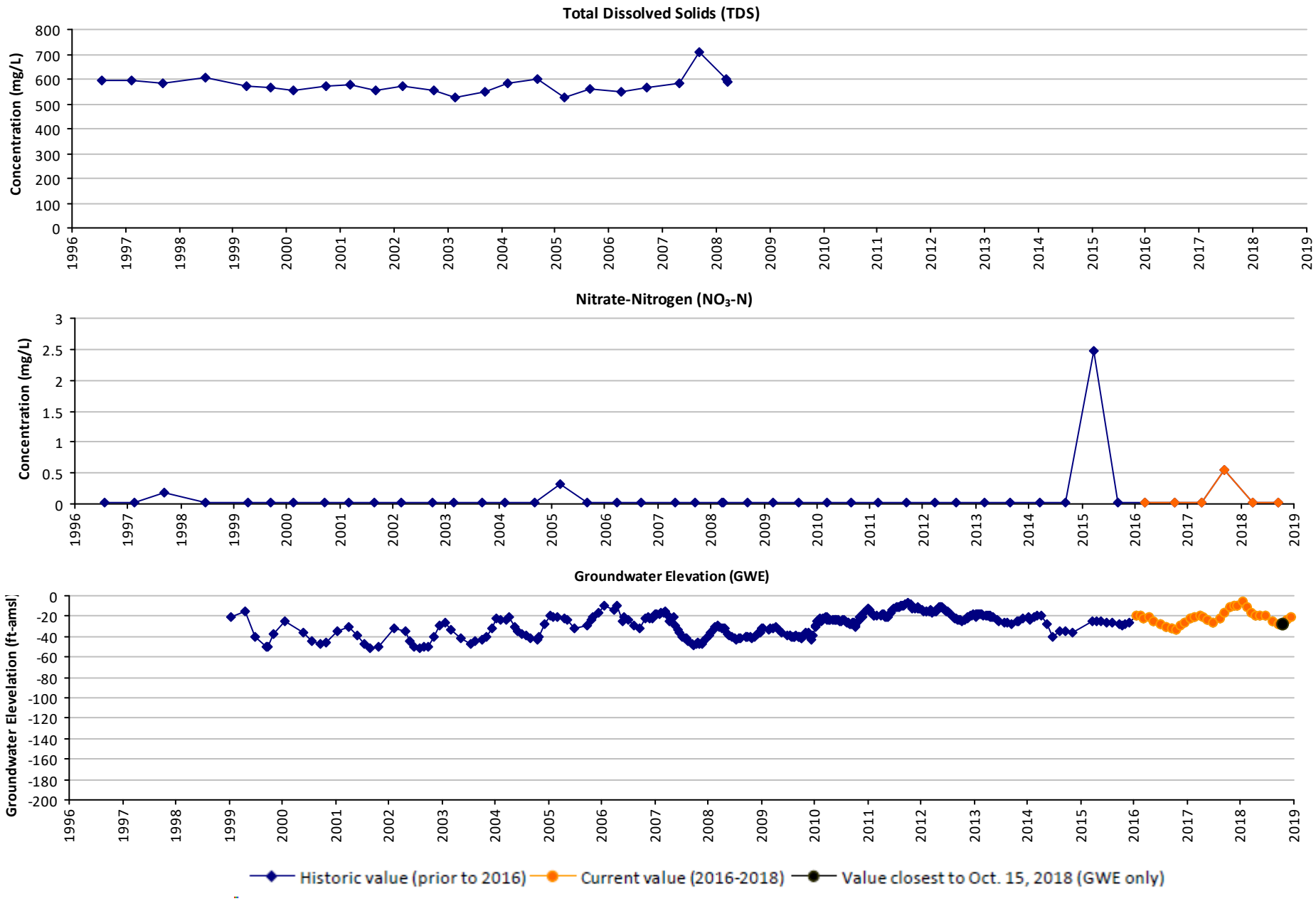

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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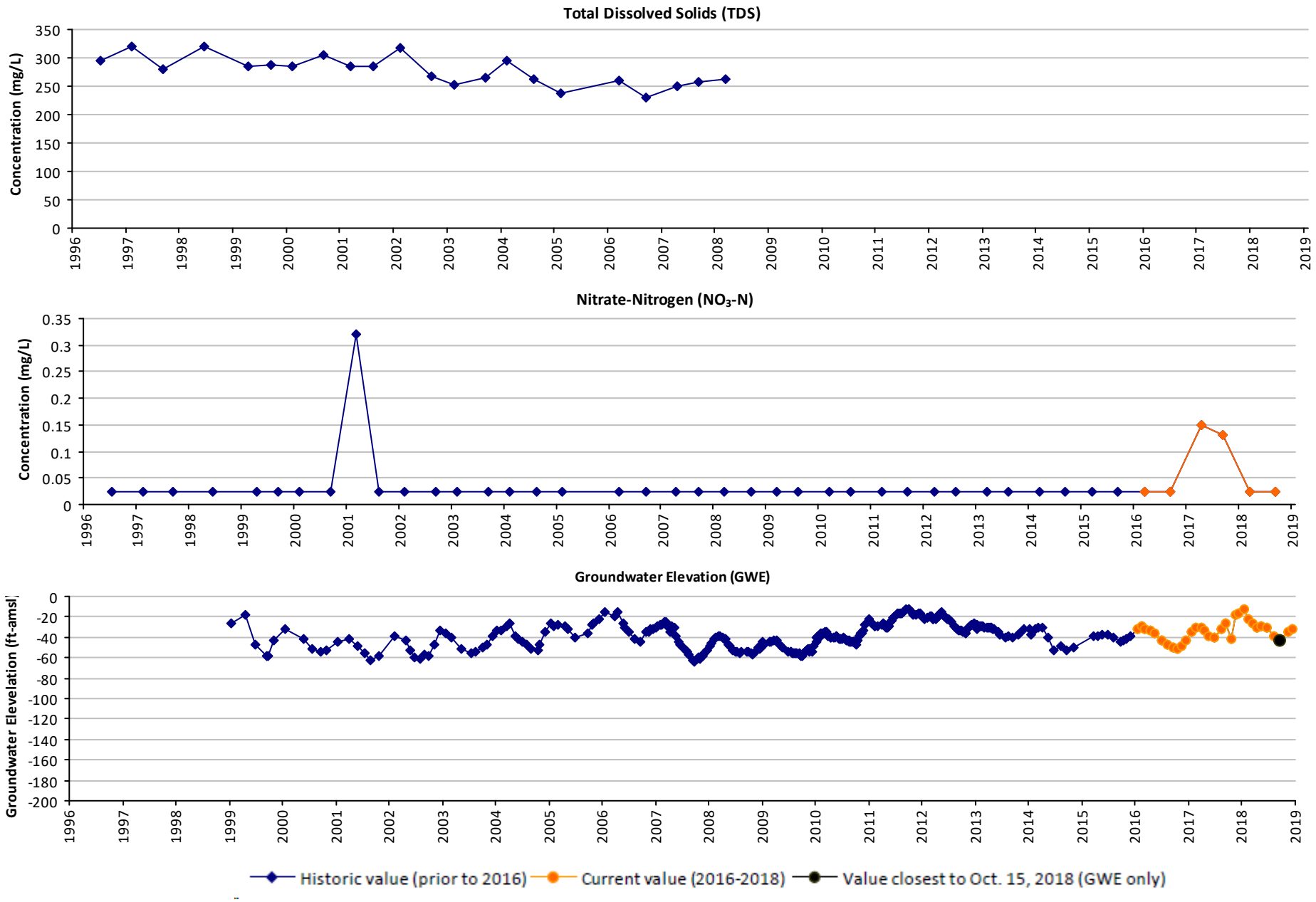
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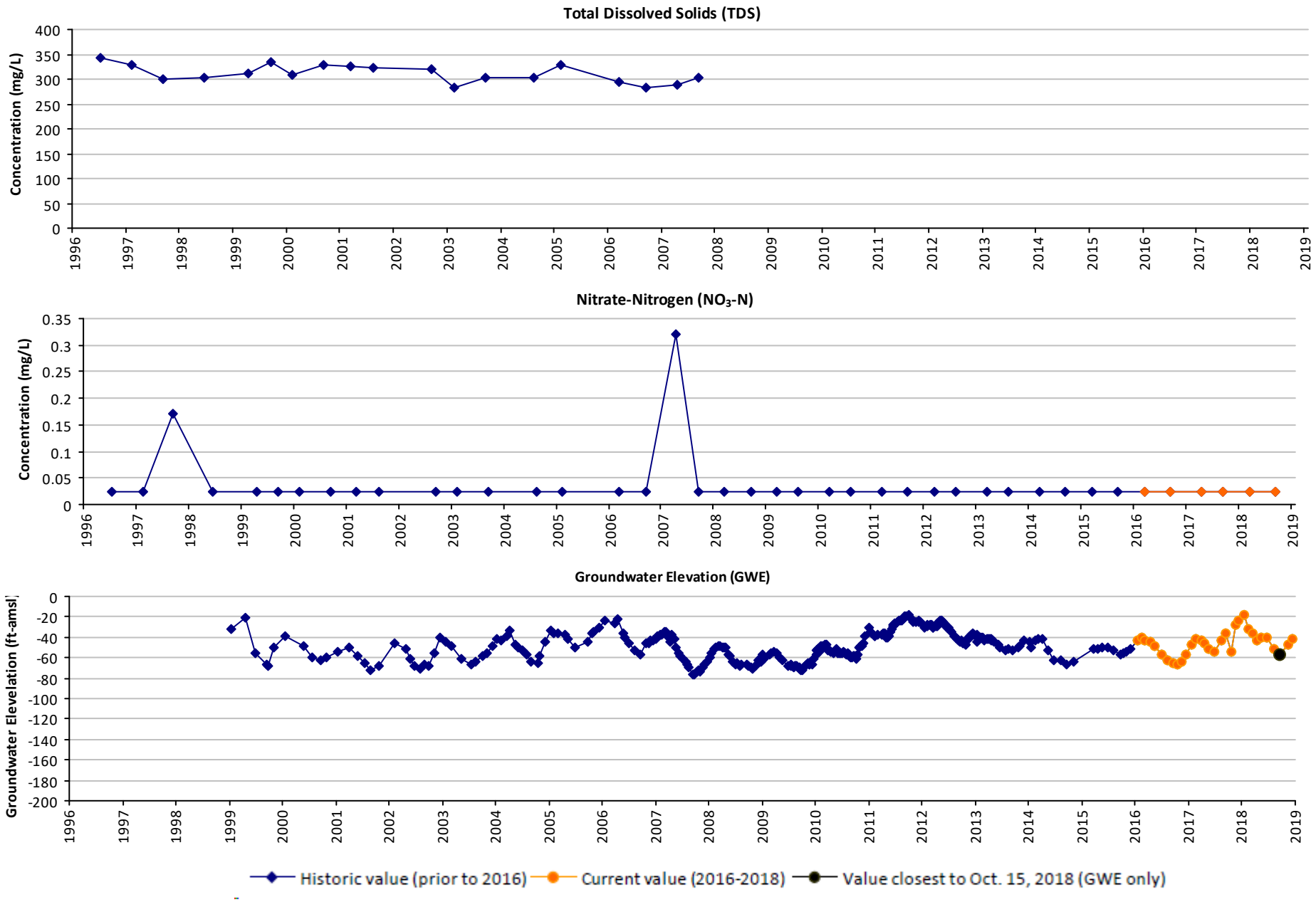
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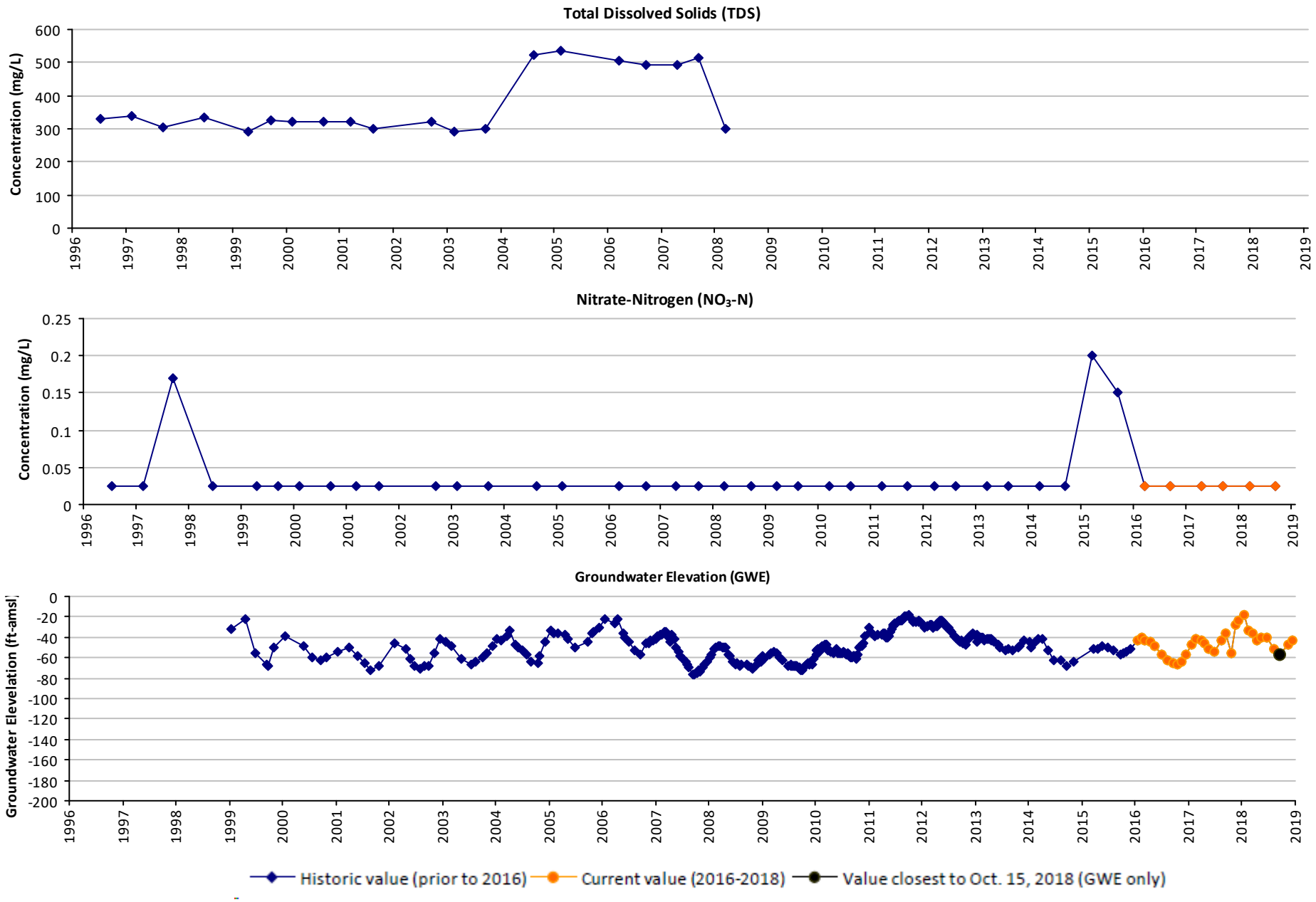
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Nitrate-Nitrogen (NO_3-N)
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Historic value (prior to 2016)
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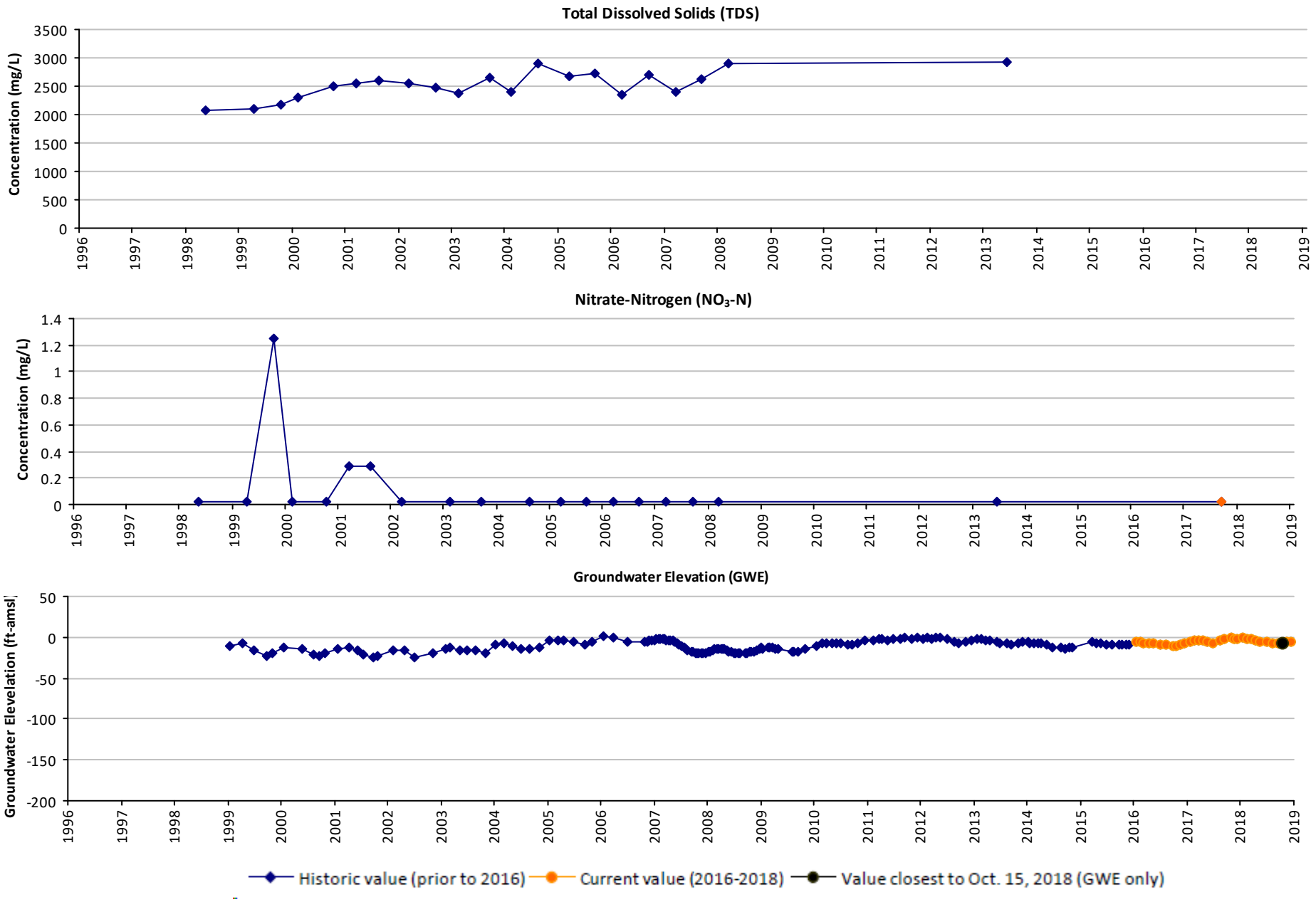
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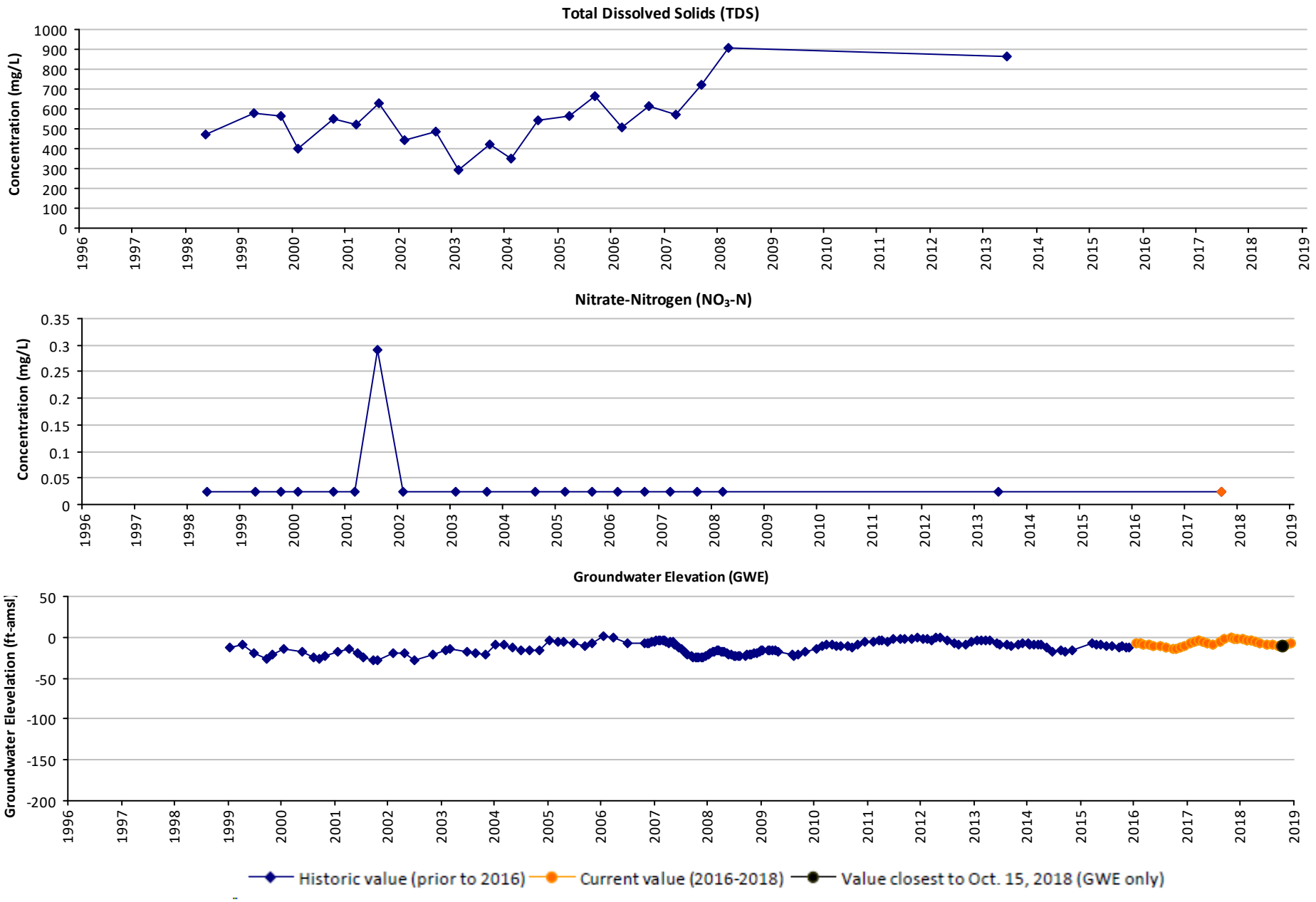
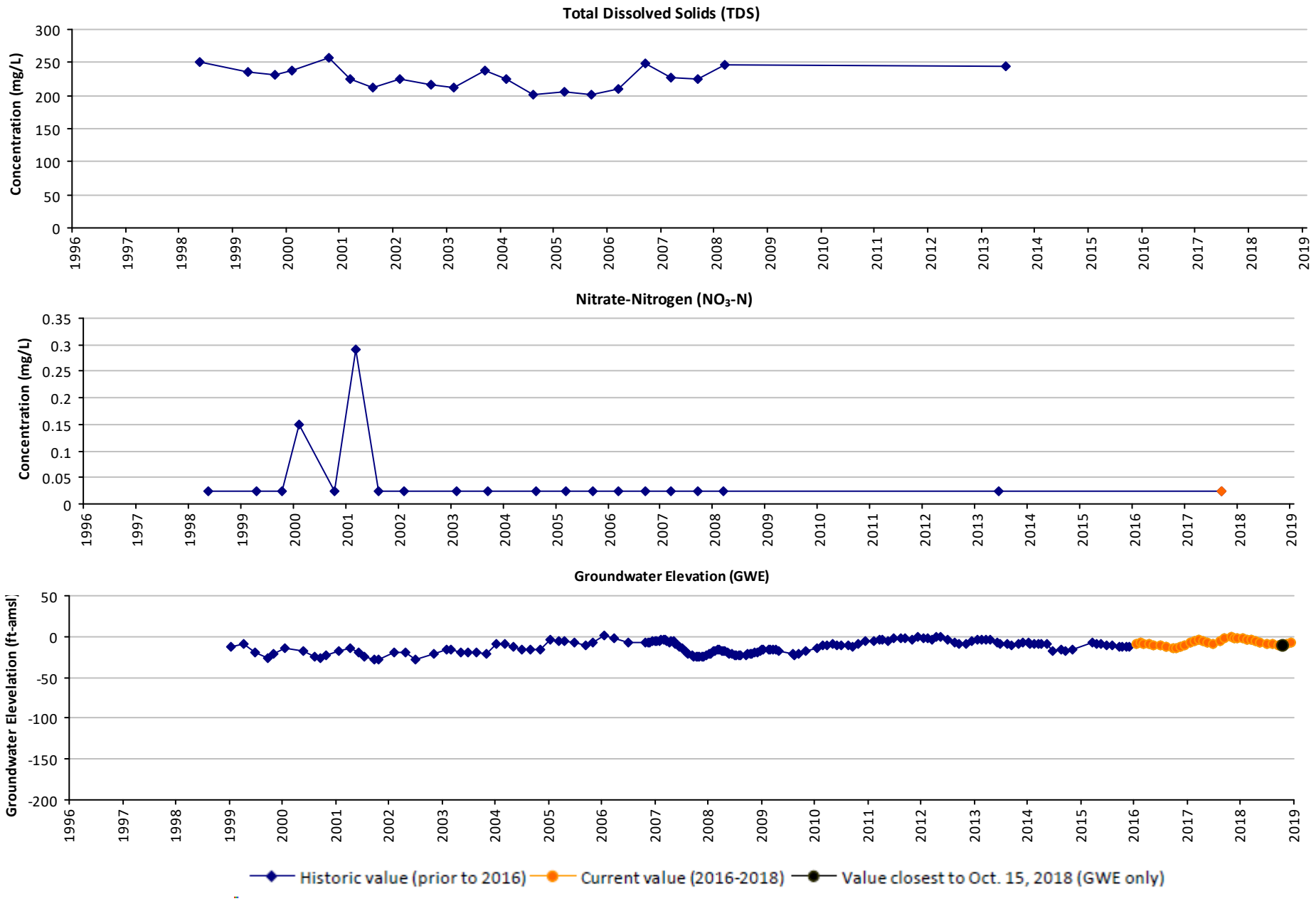
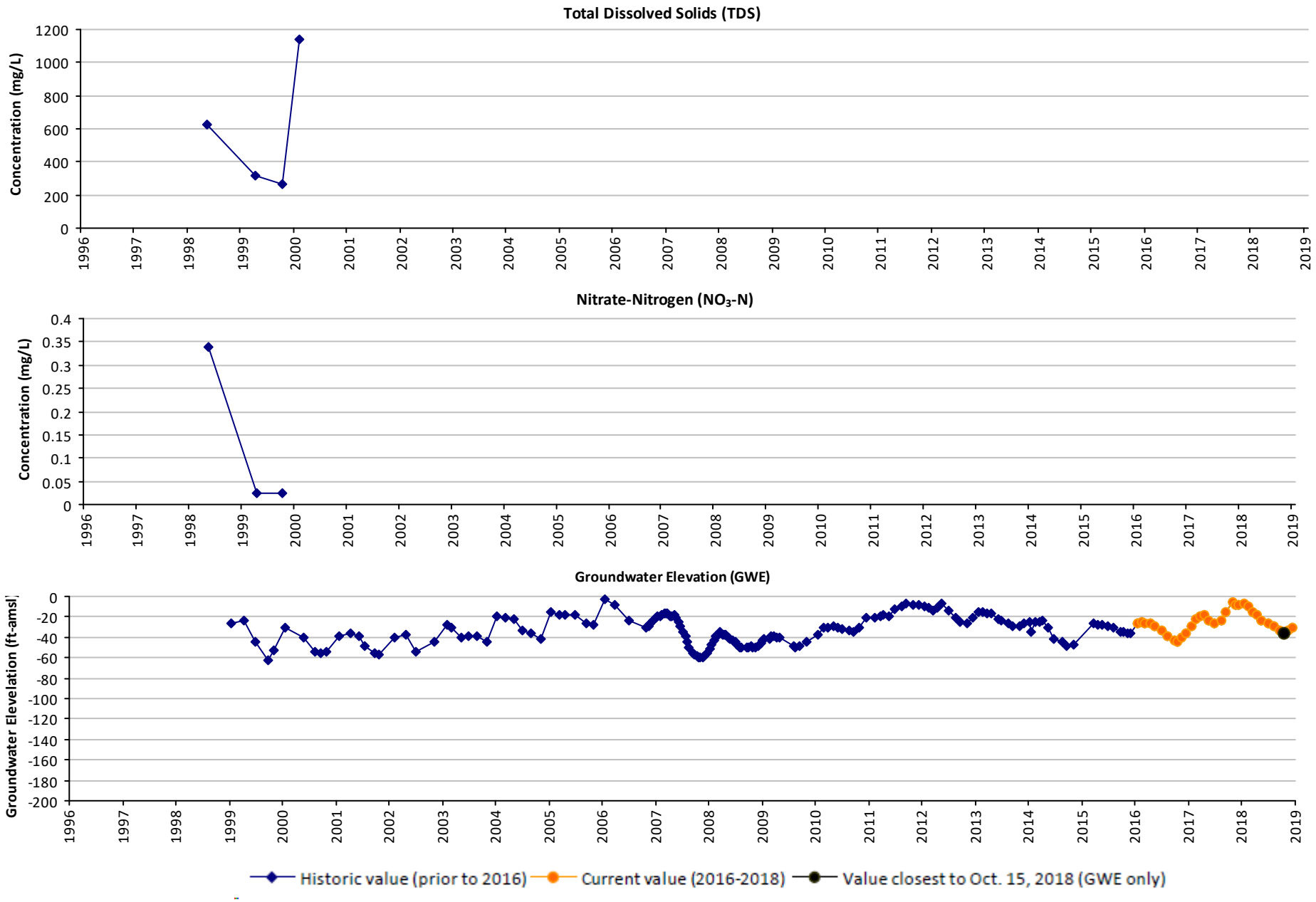
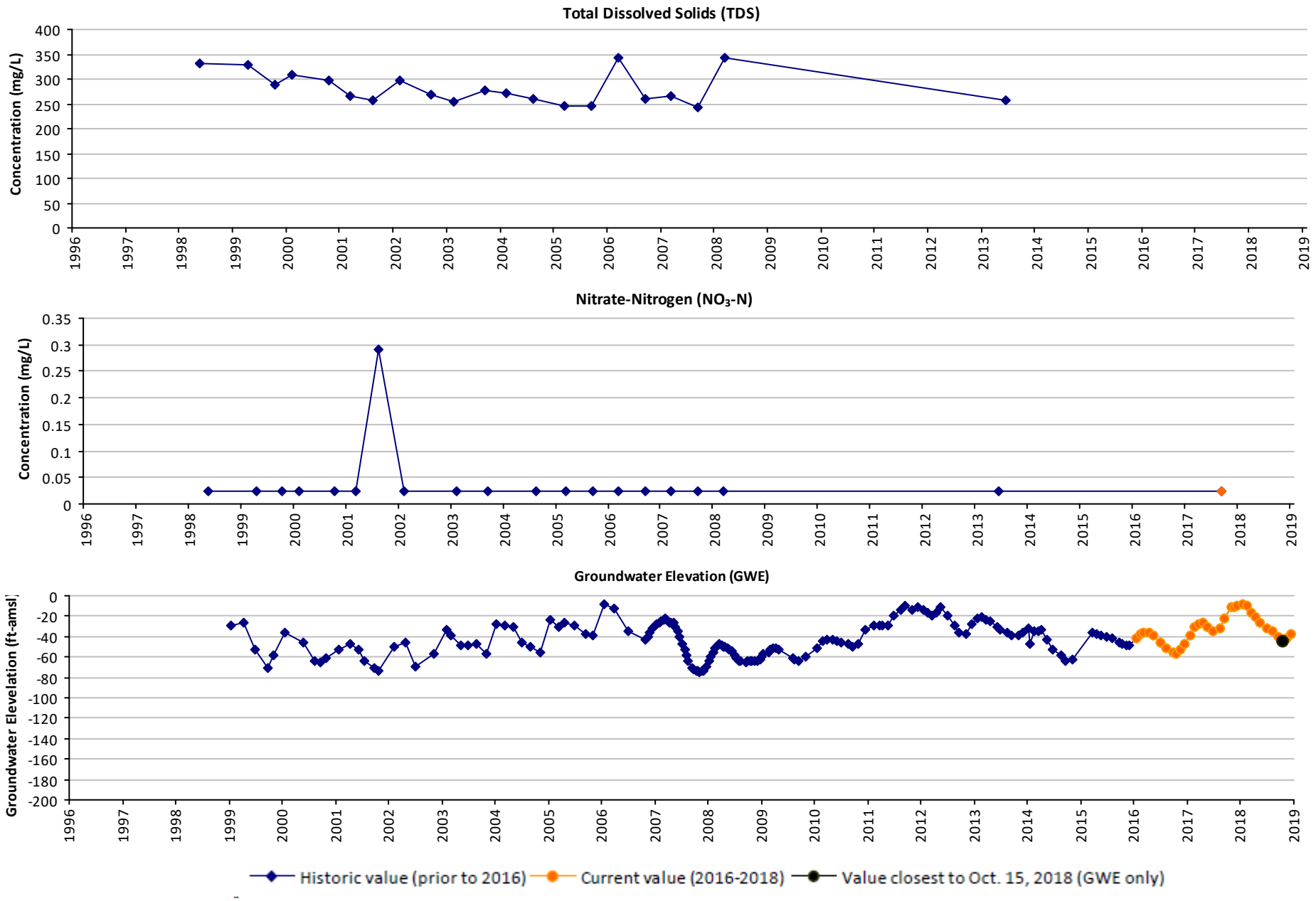
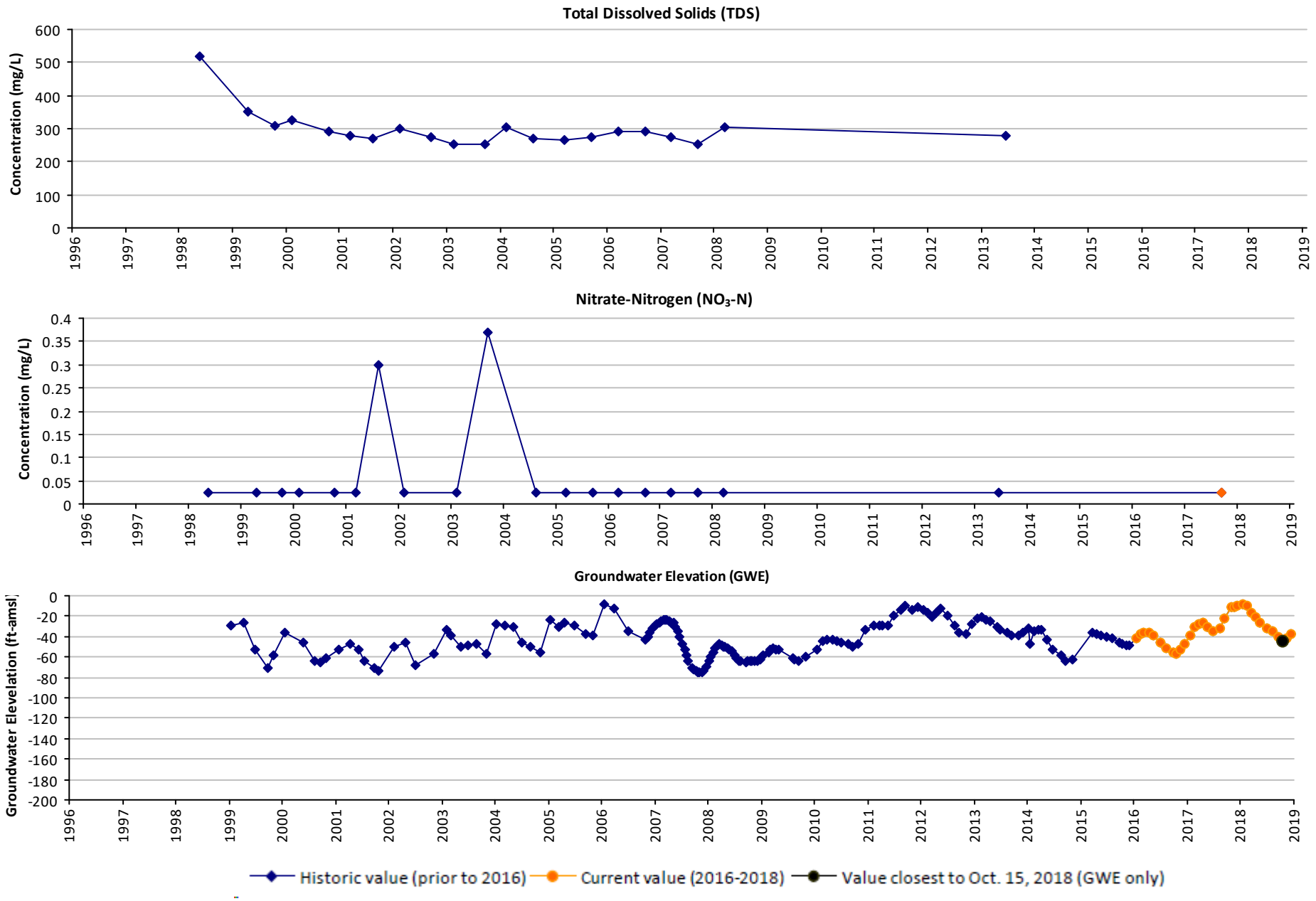
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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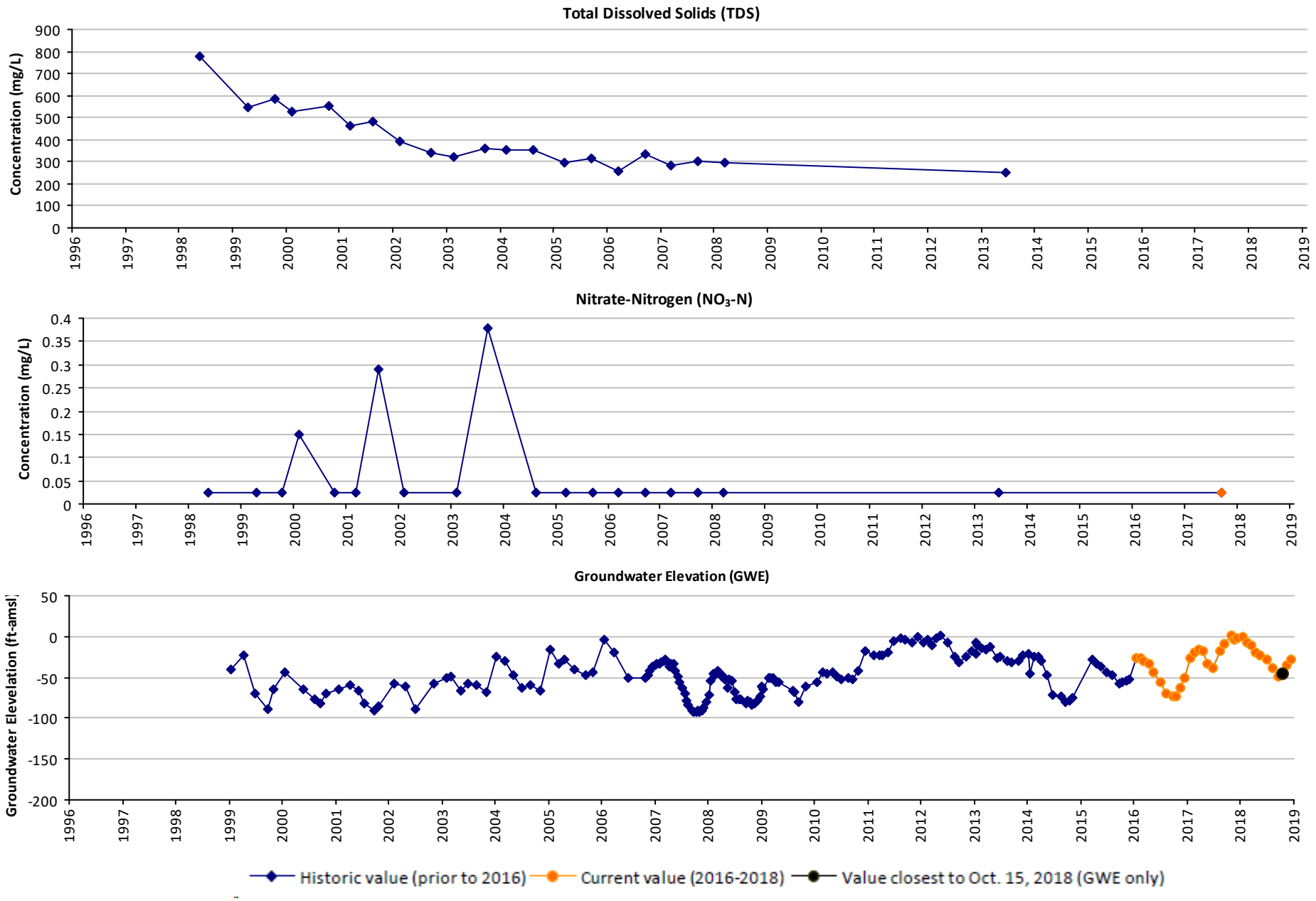
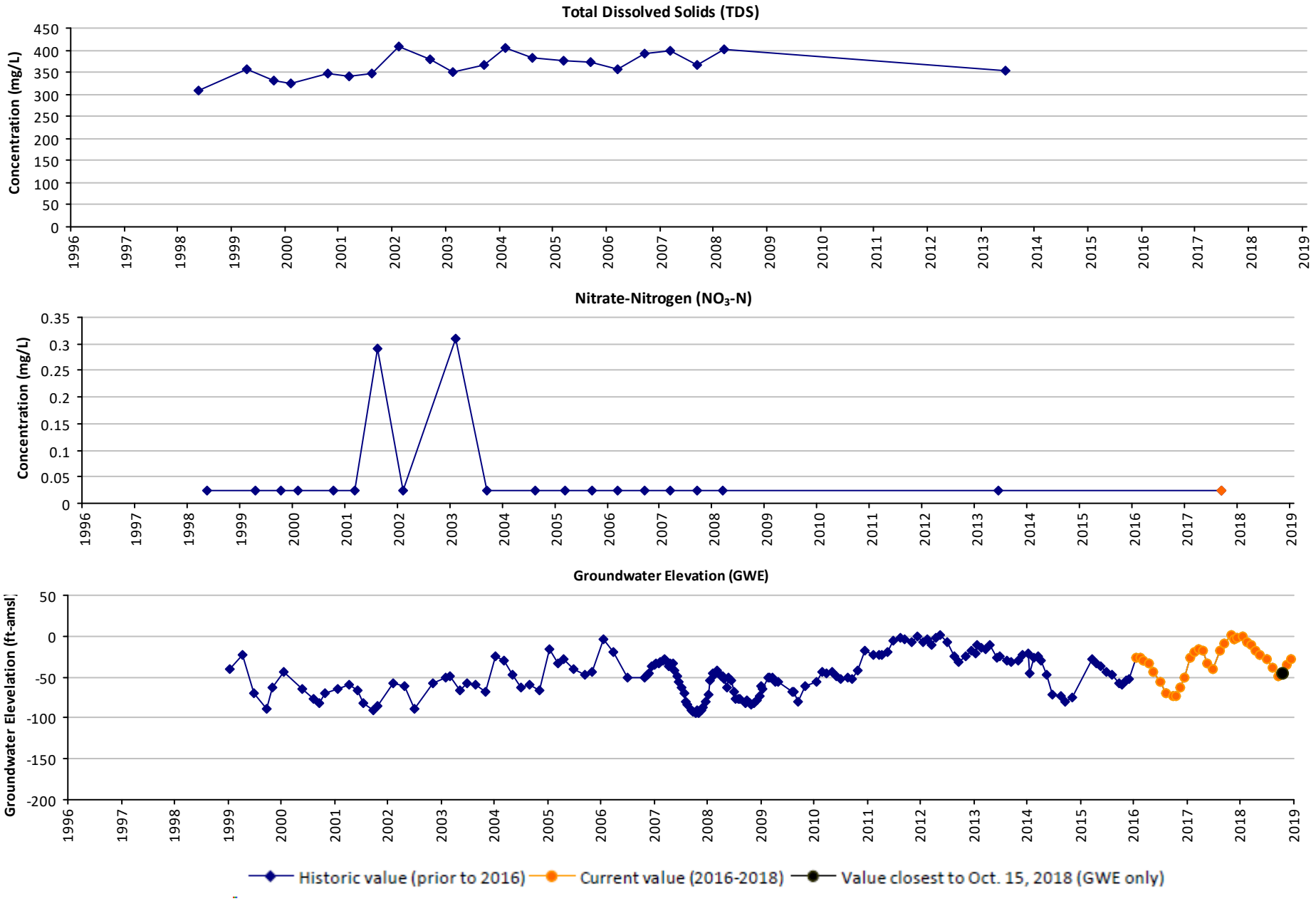

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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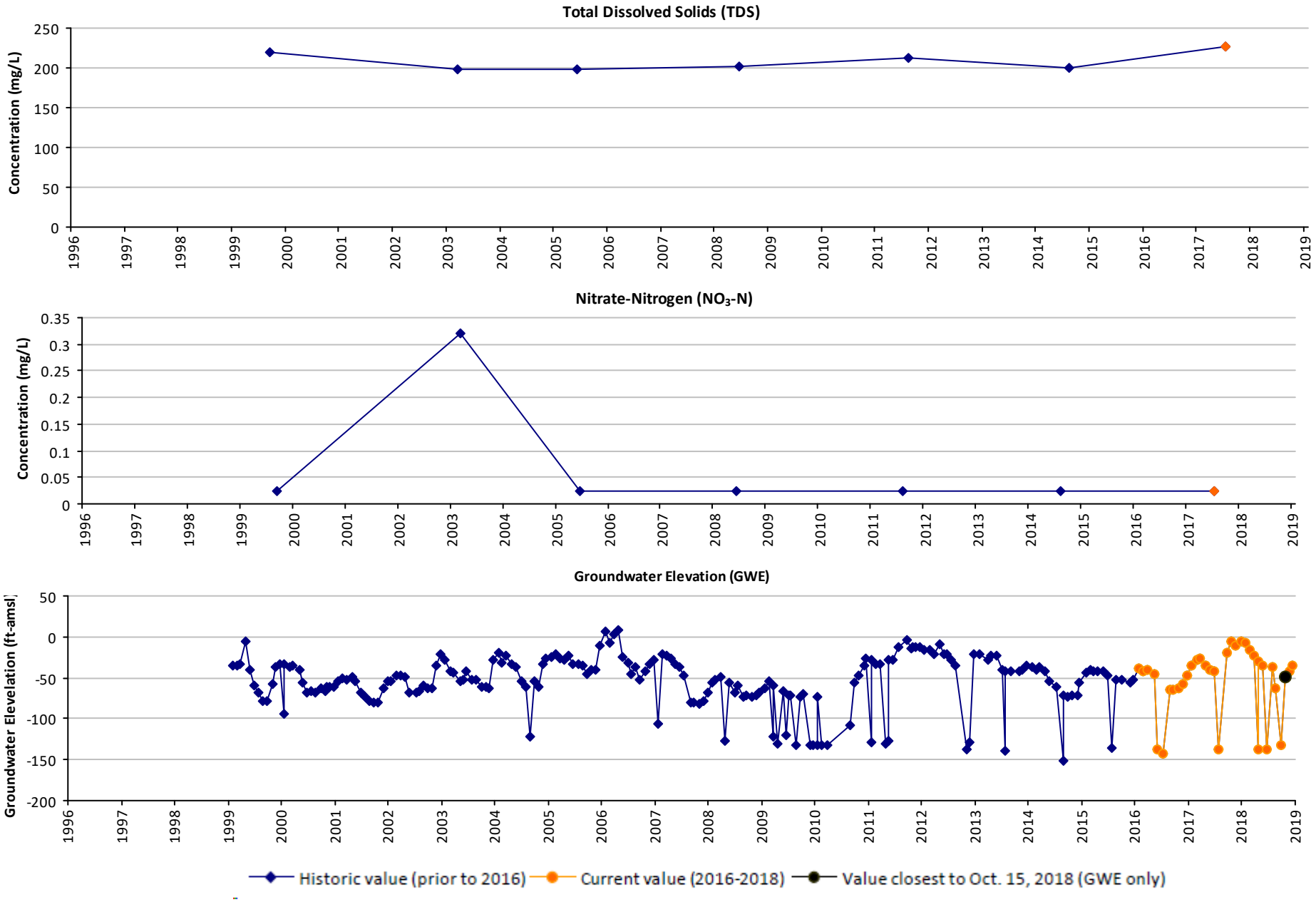
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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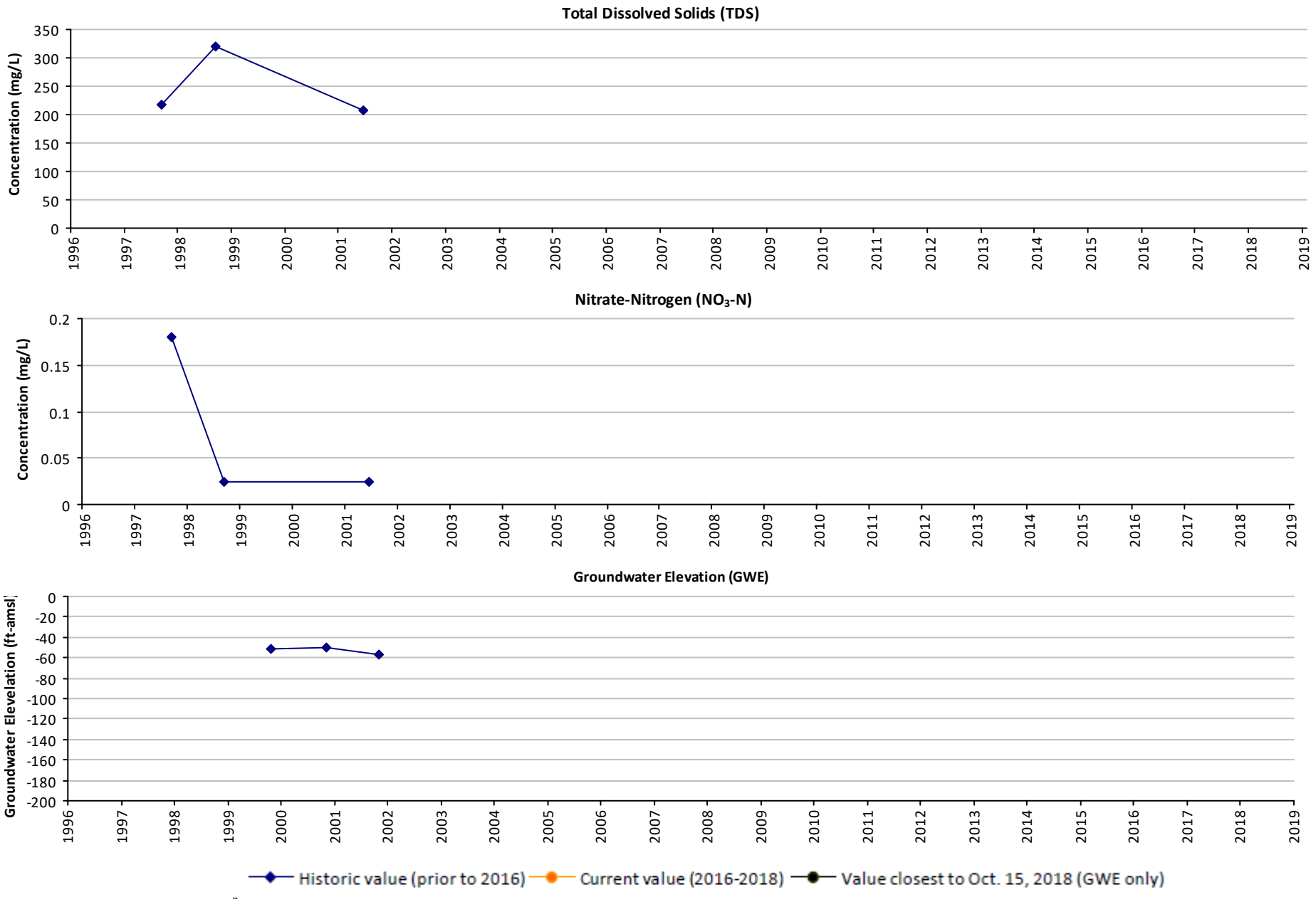
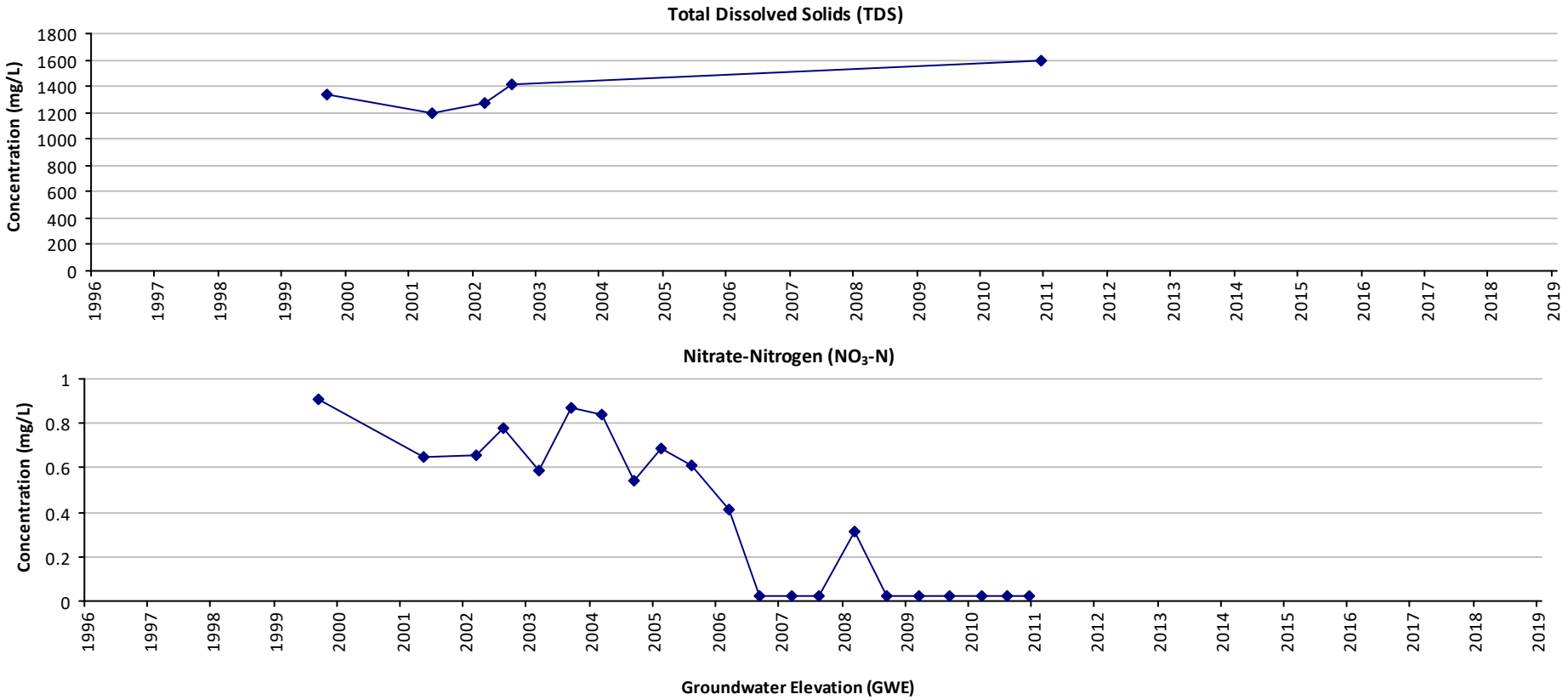
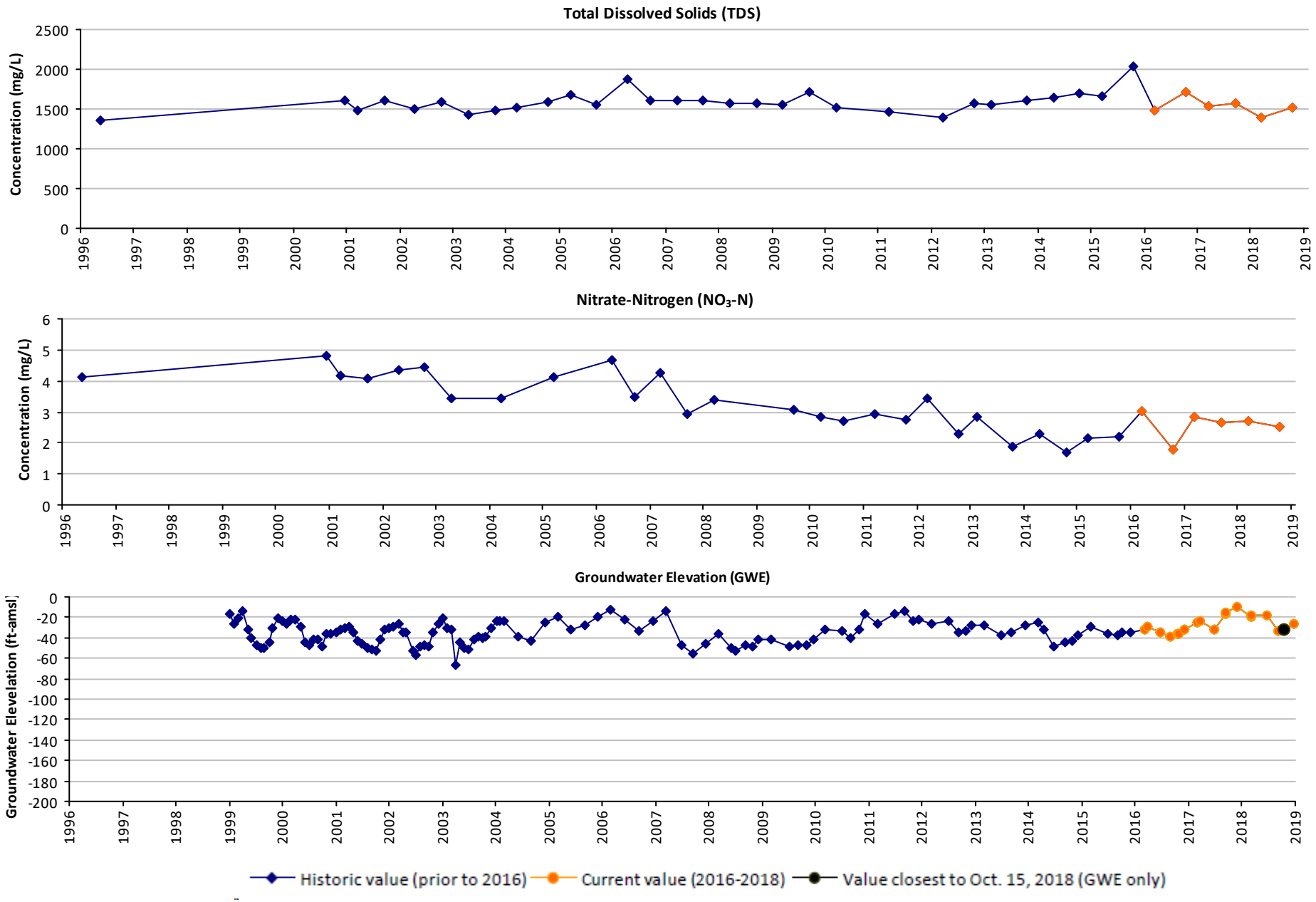
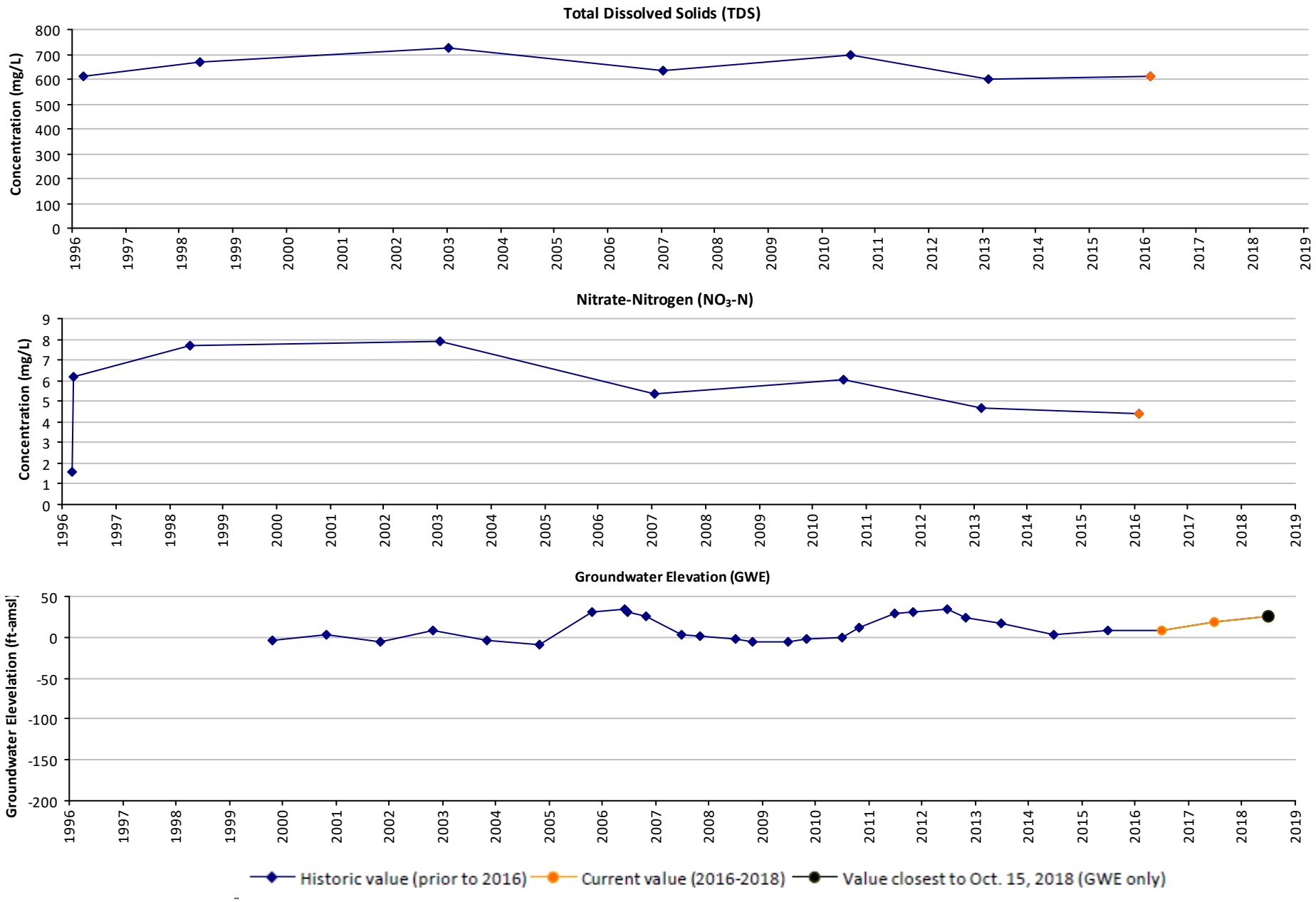

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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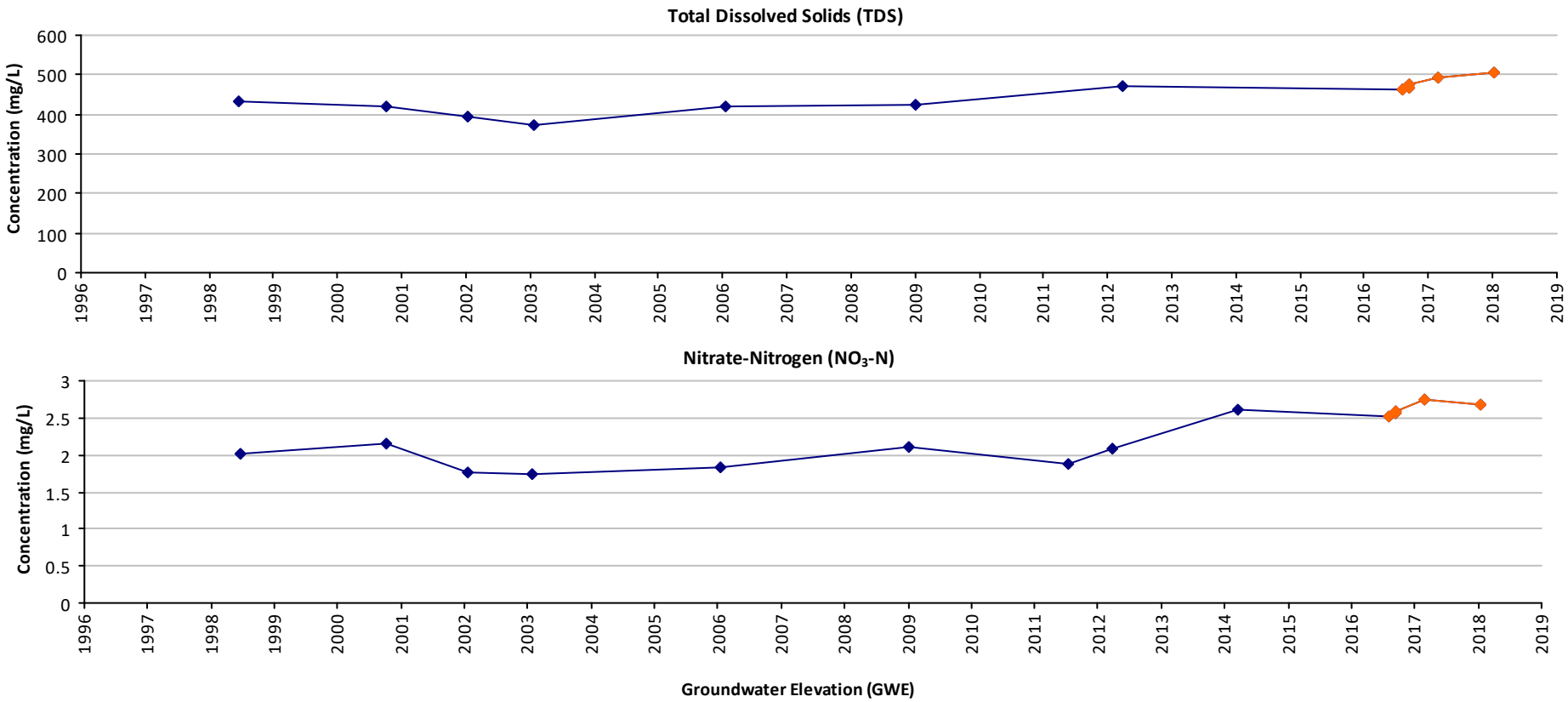
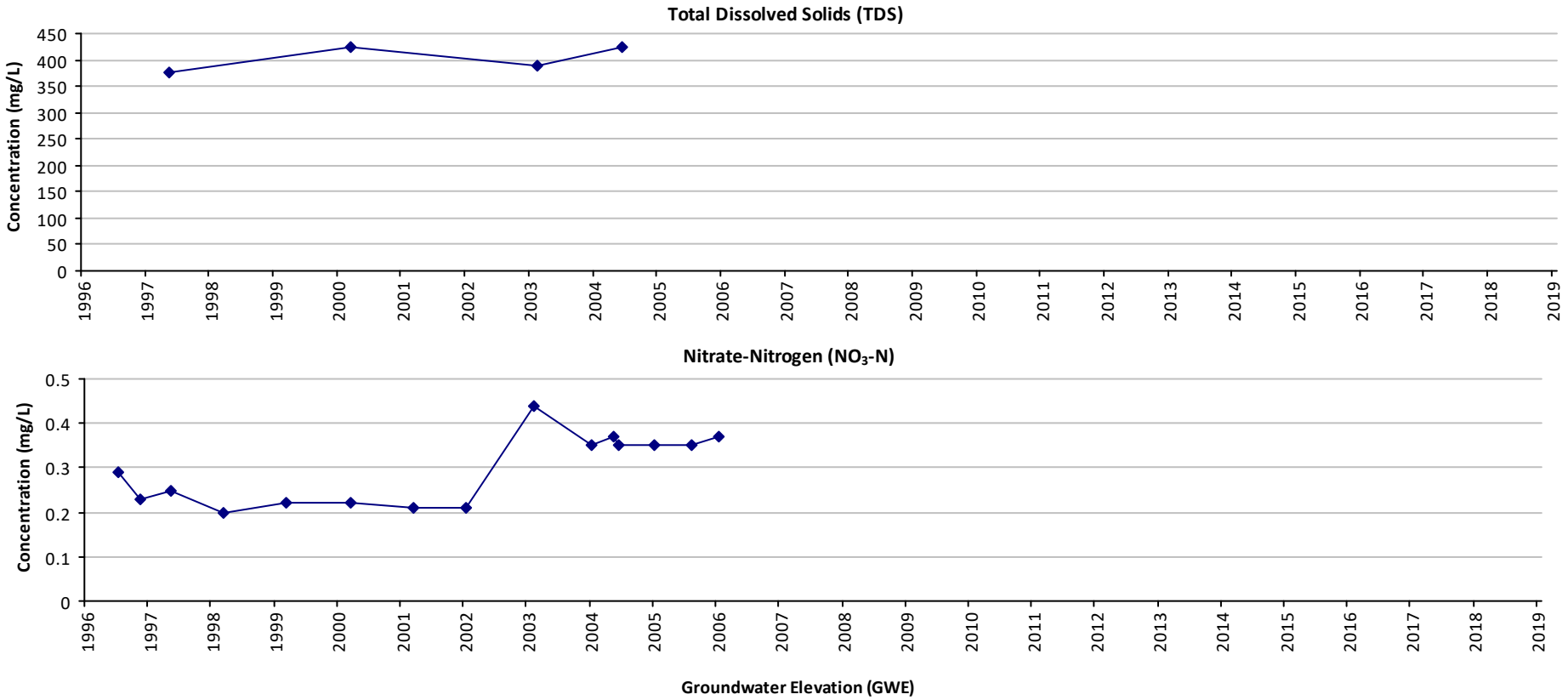
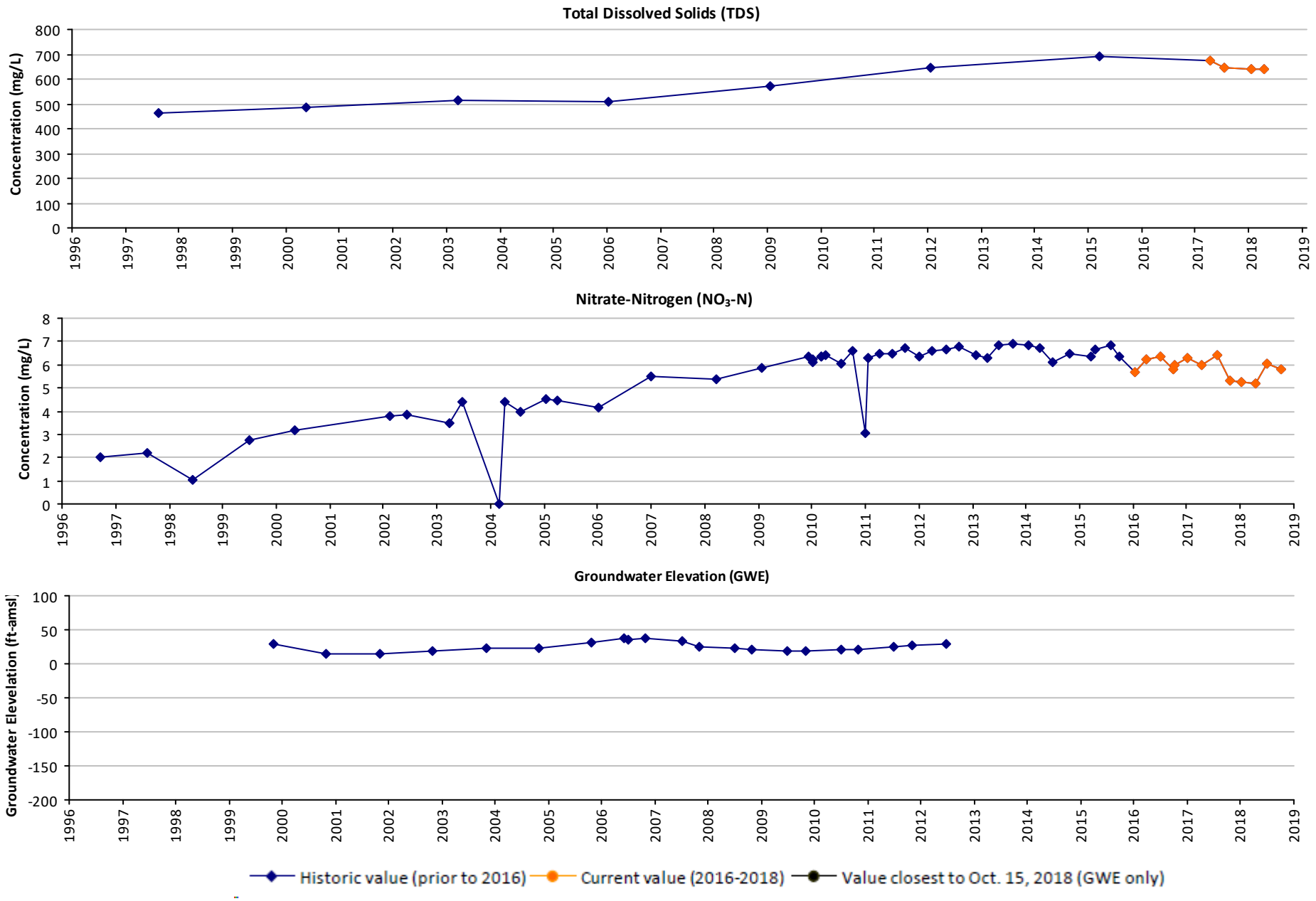

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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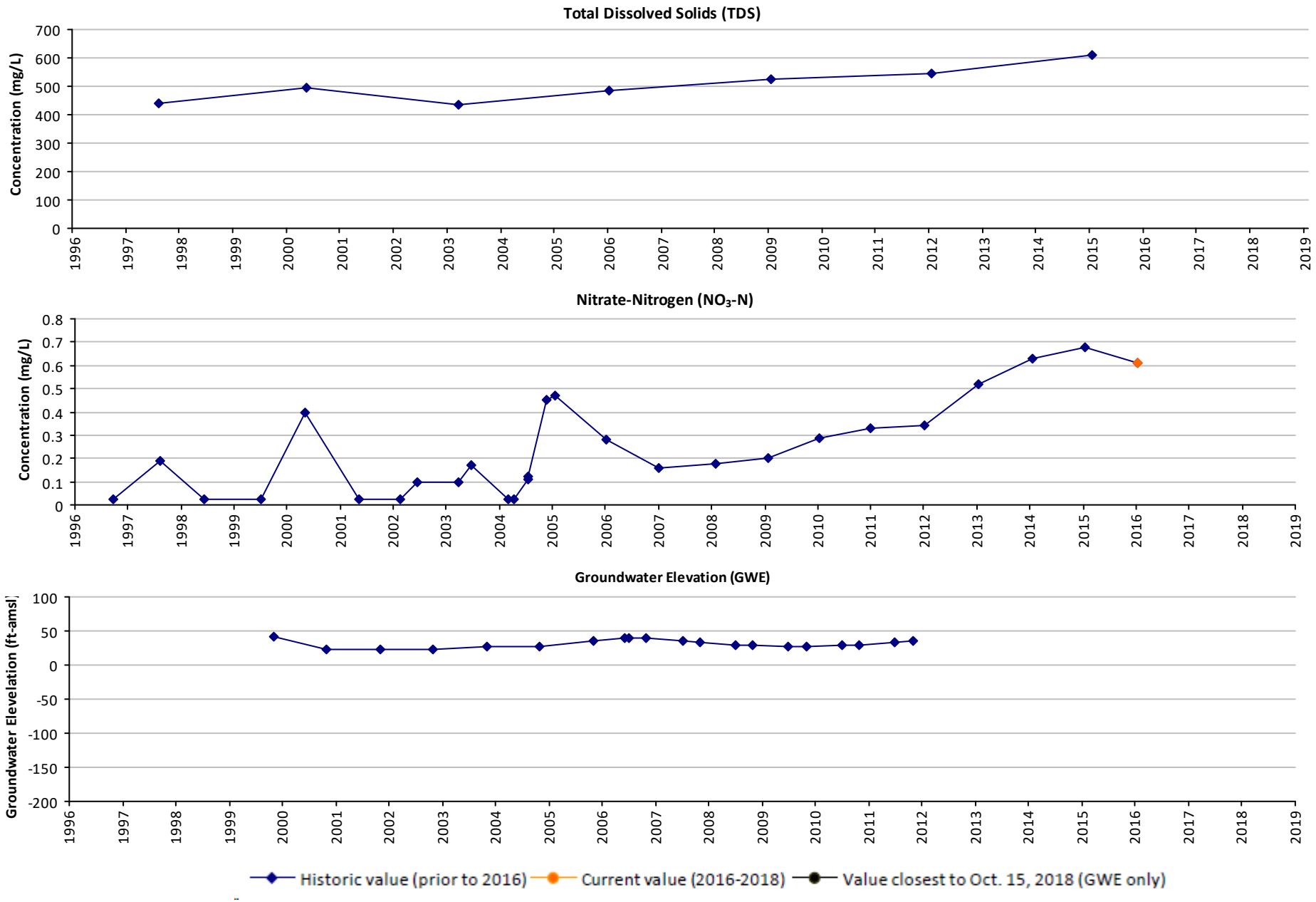
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Nitrate-Nitrogen (NO_3-N)
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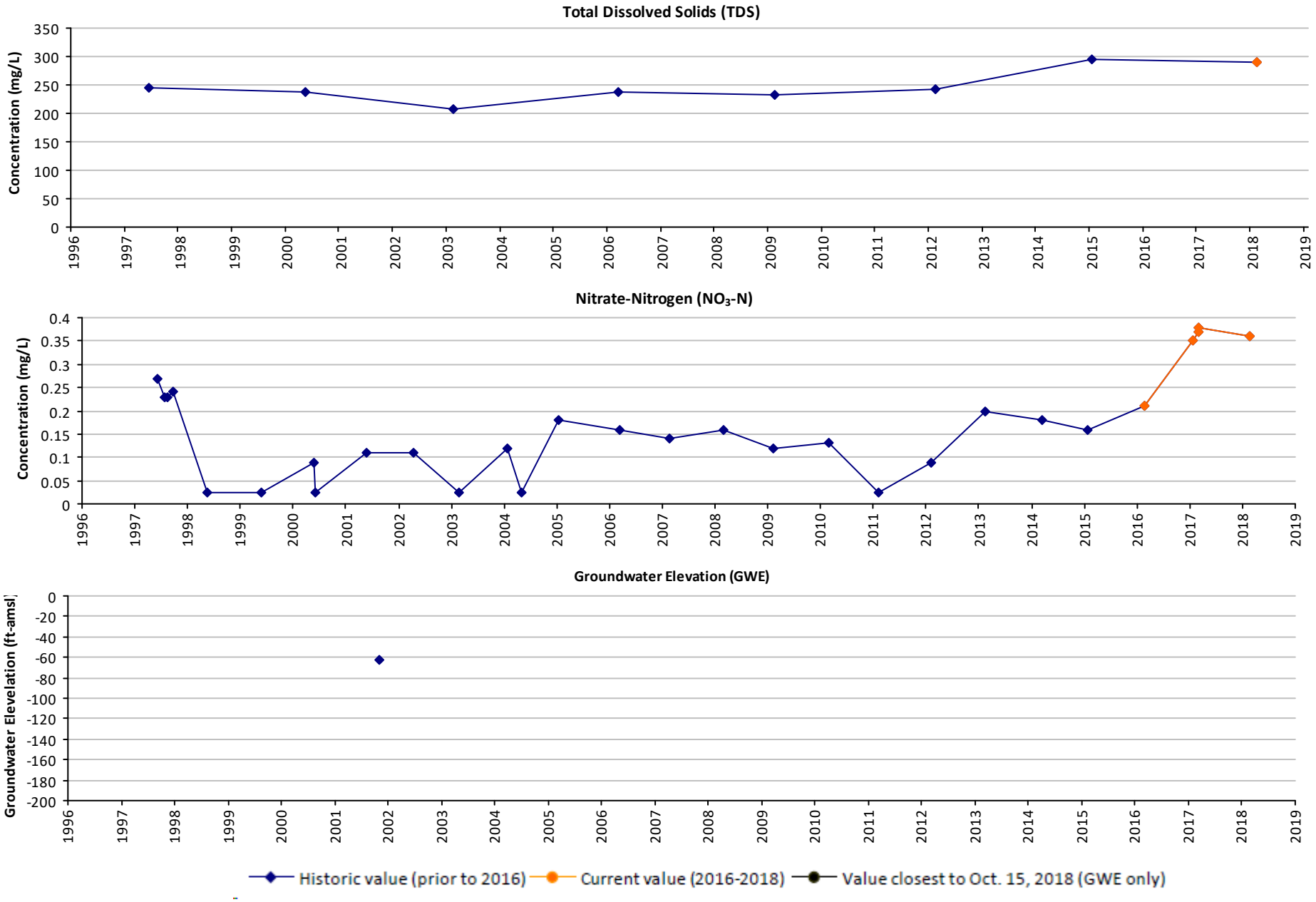
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Historic value (prior to 2016)
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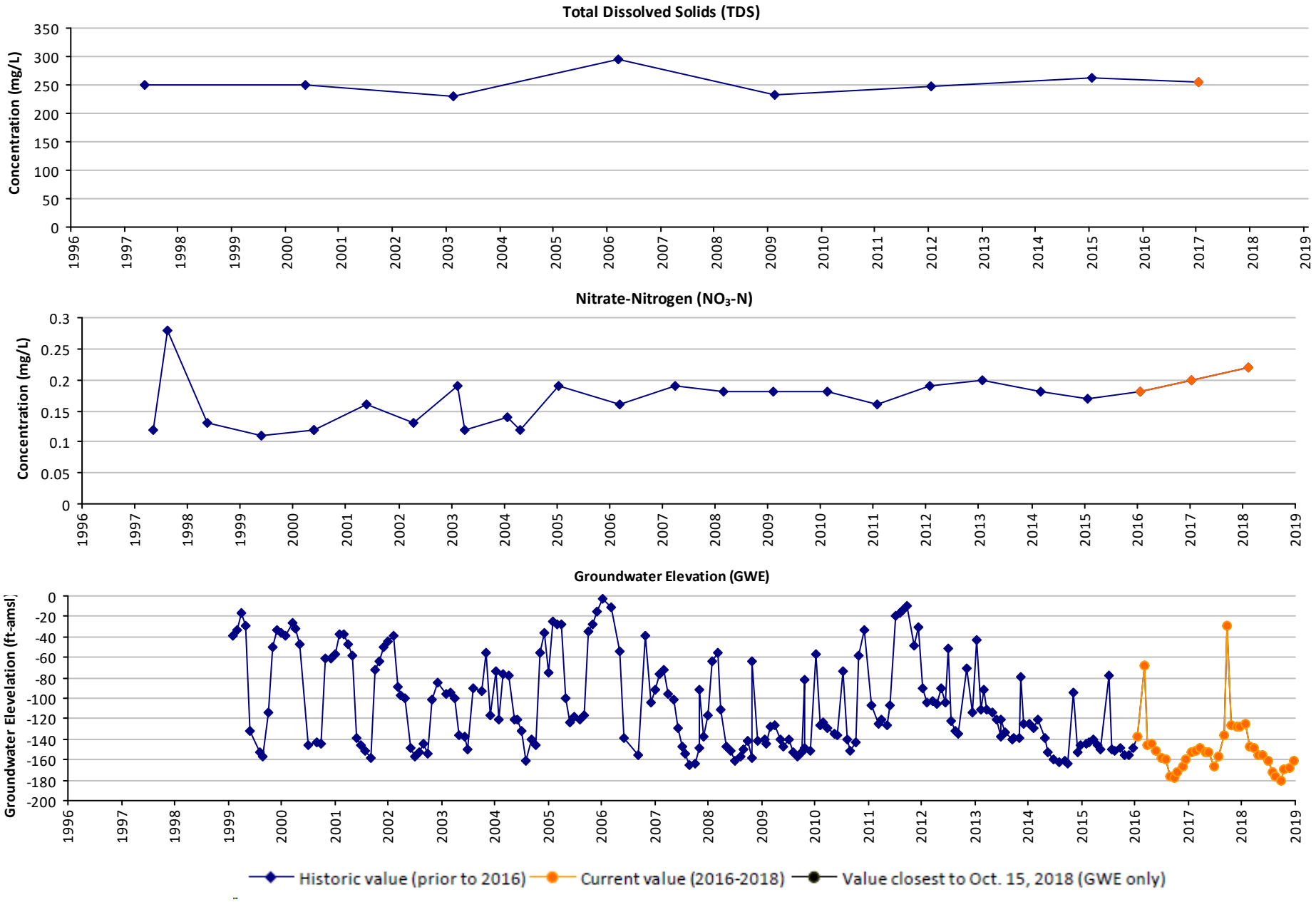
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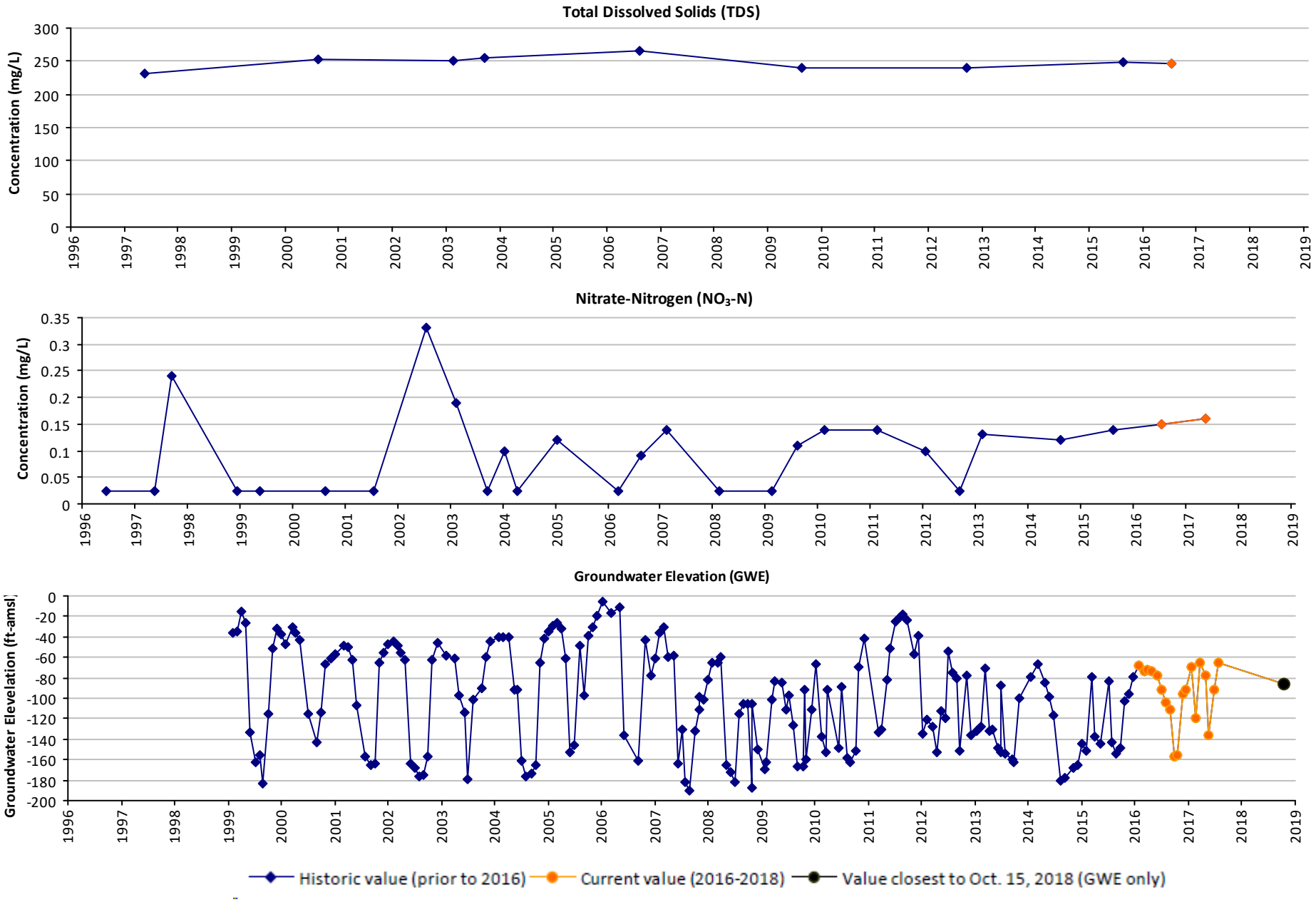
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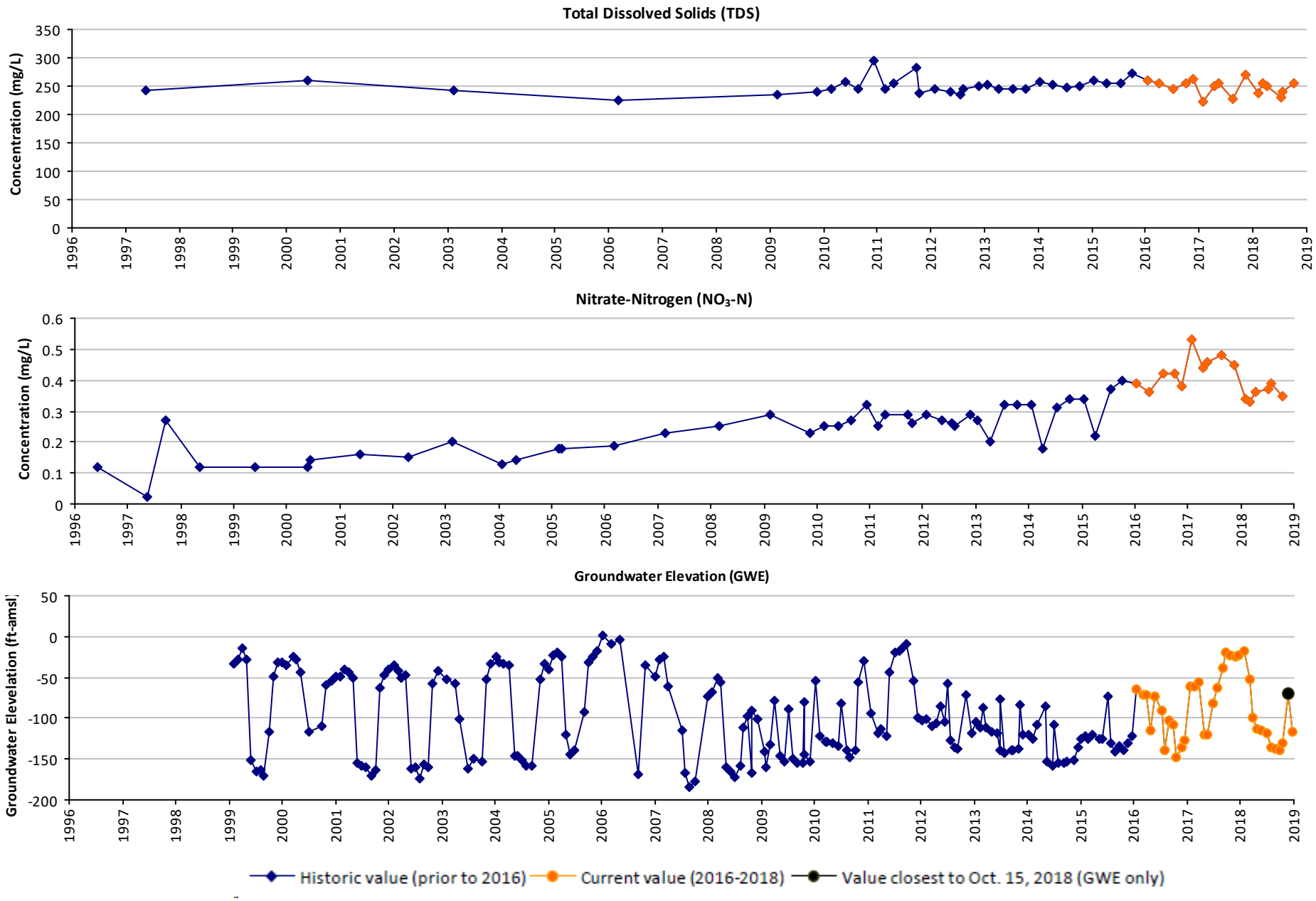
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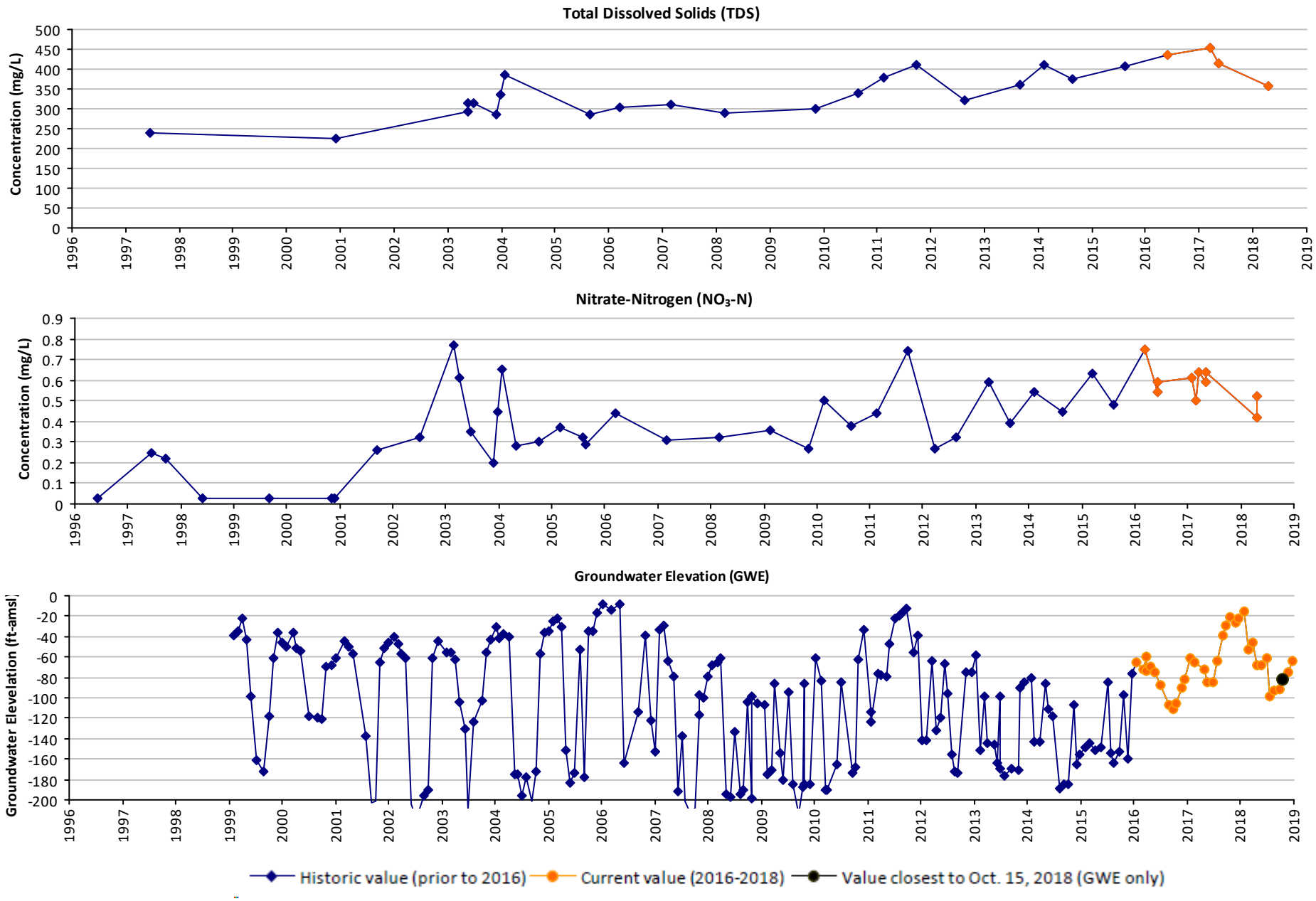
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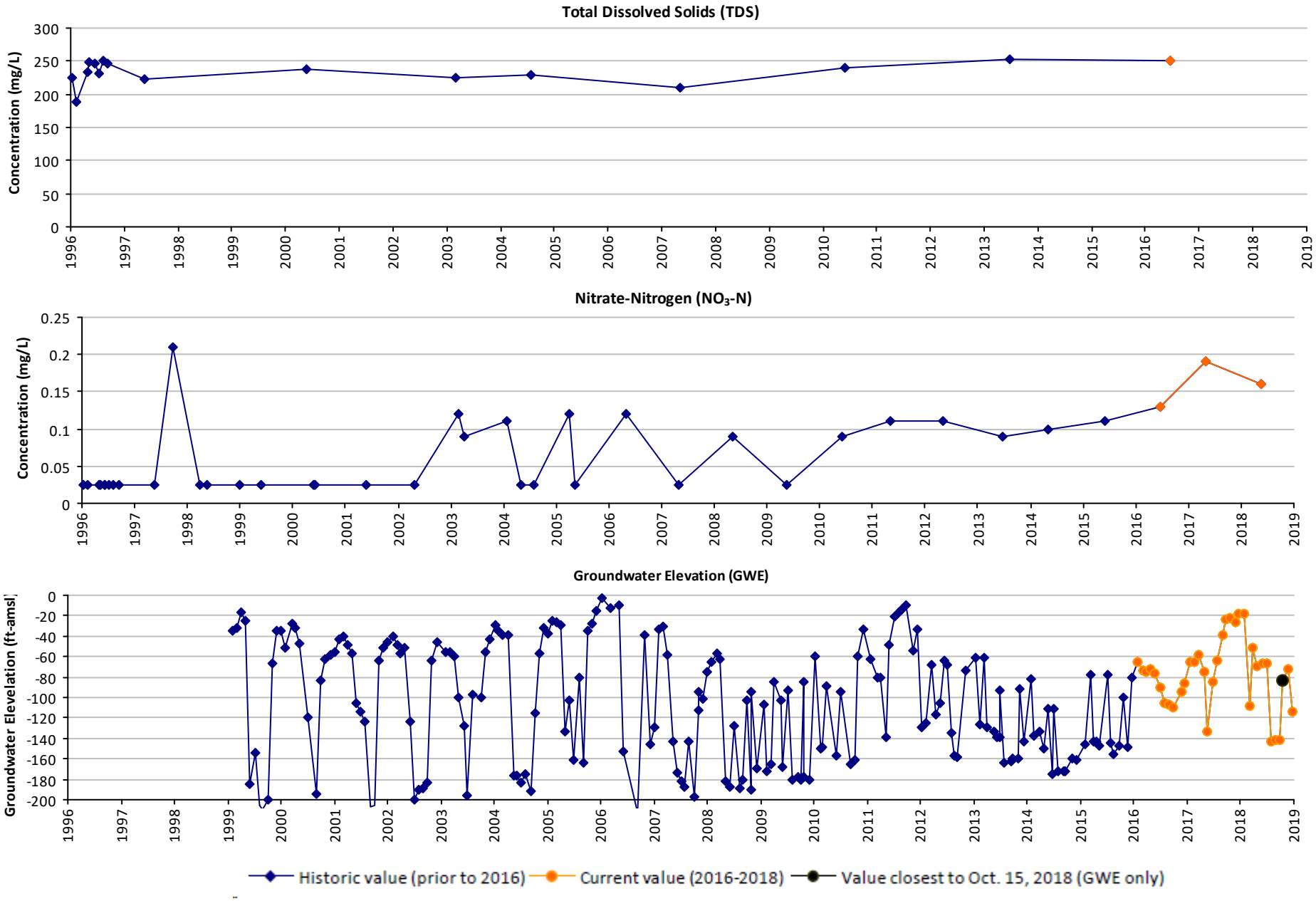
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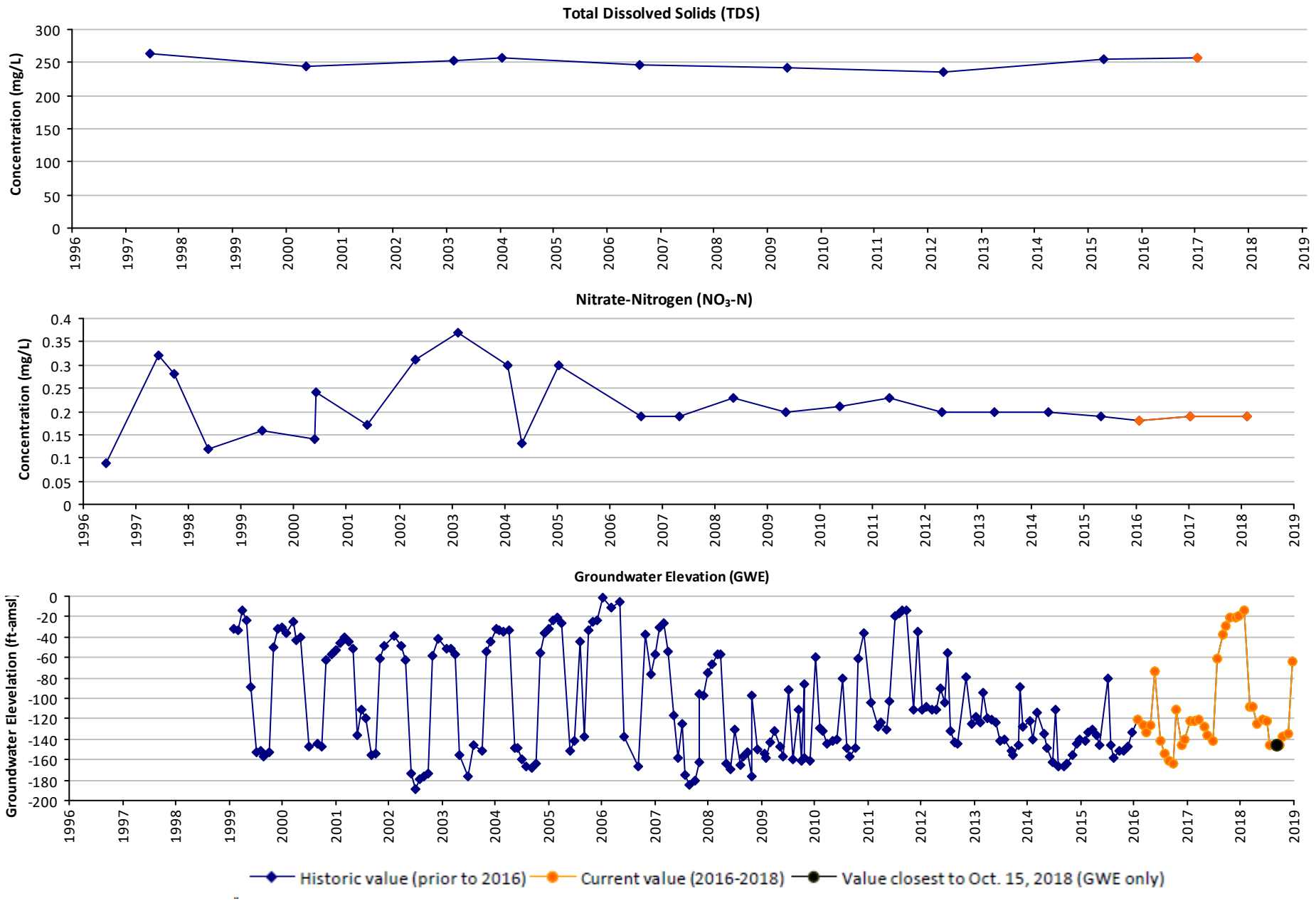
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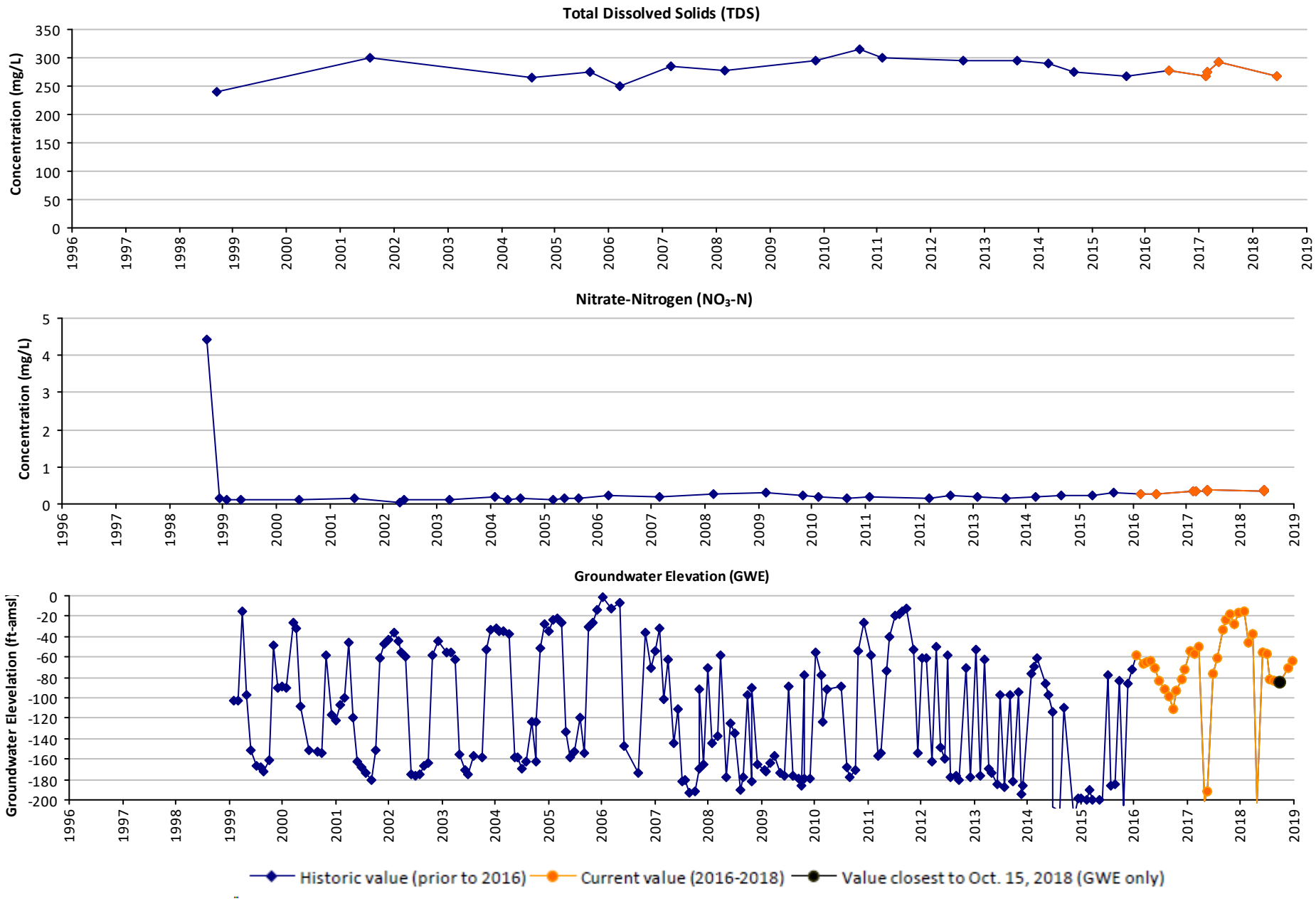
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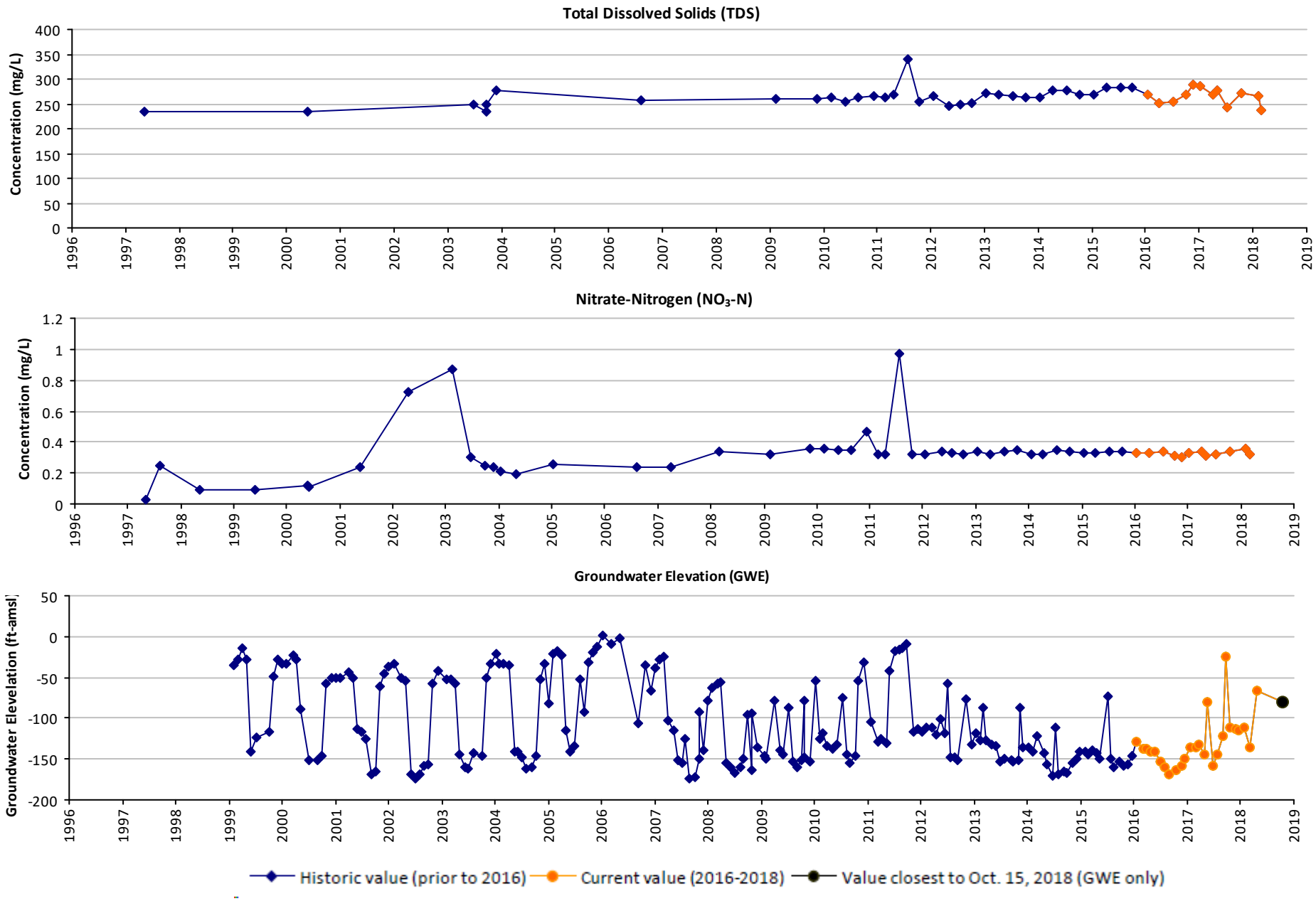
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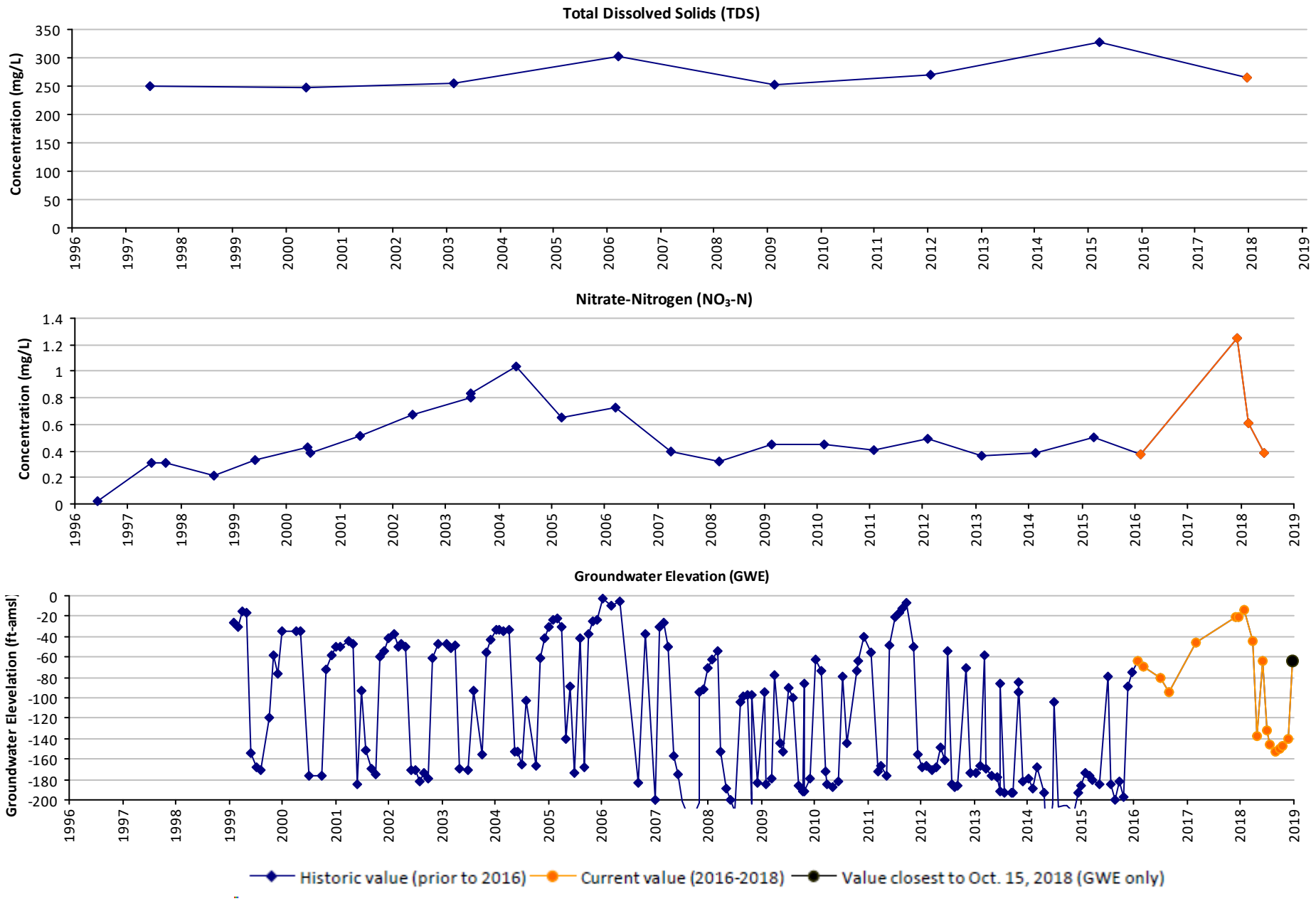
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Nitrate-Nitrogen (NO_3-N)
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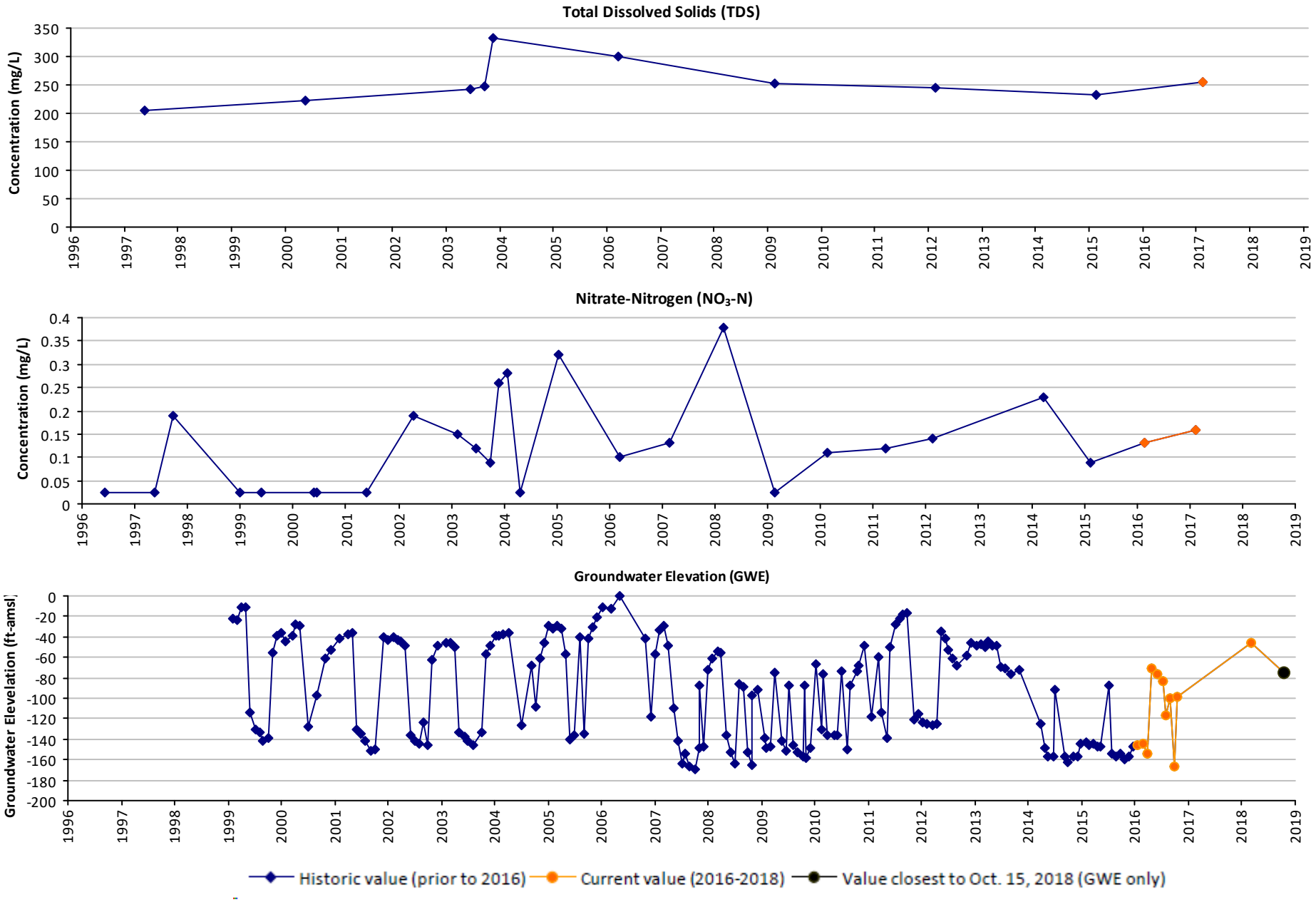
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Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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Groundwater Elevelation (ft-amsl)
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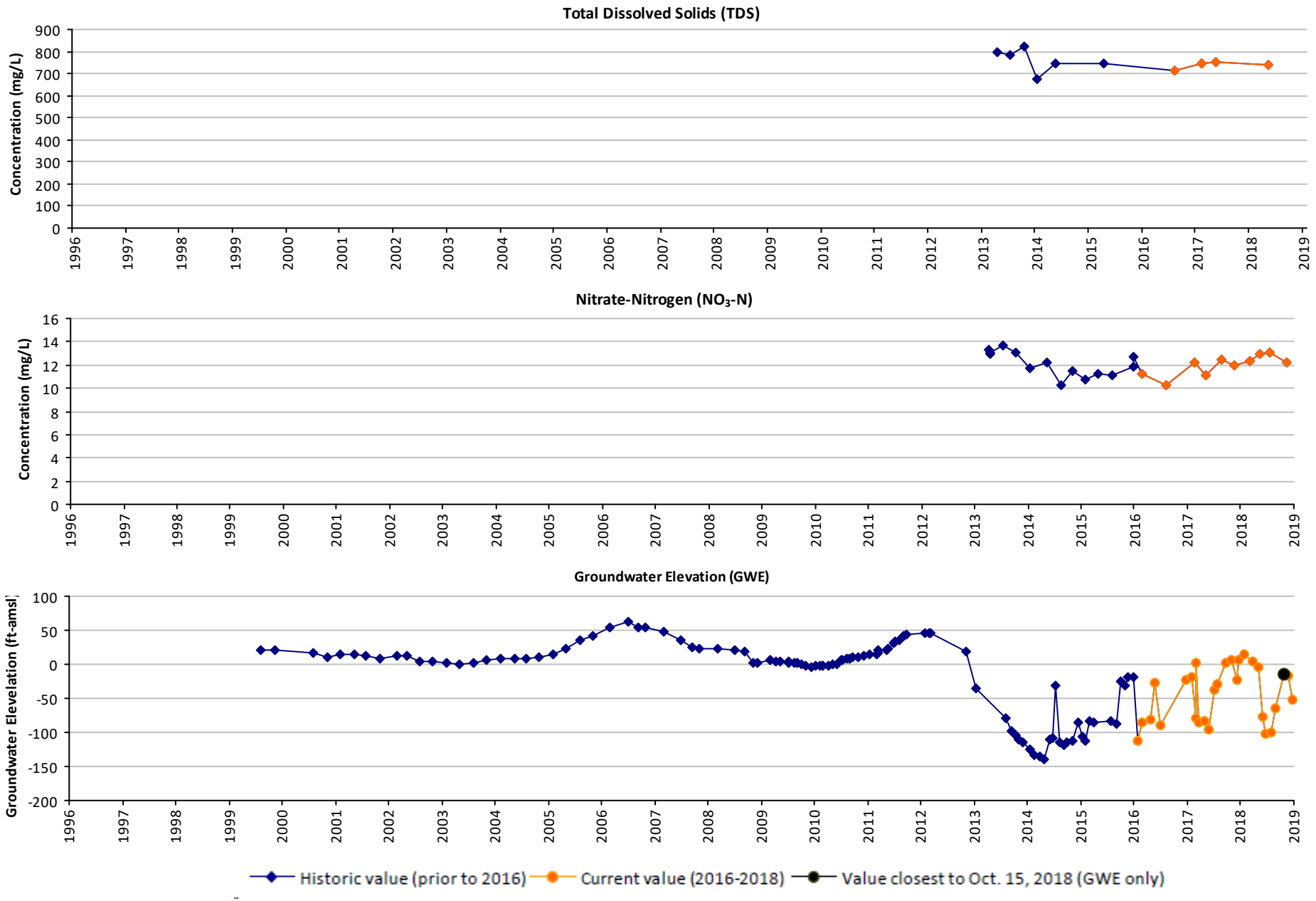
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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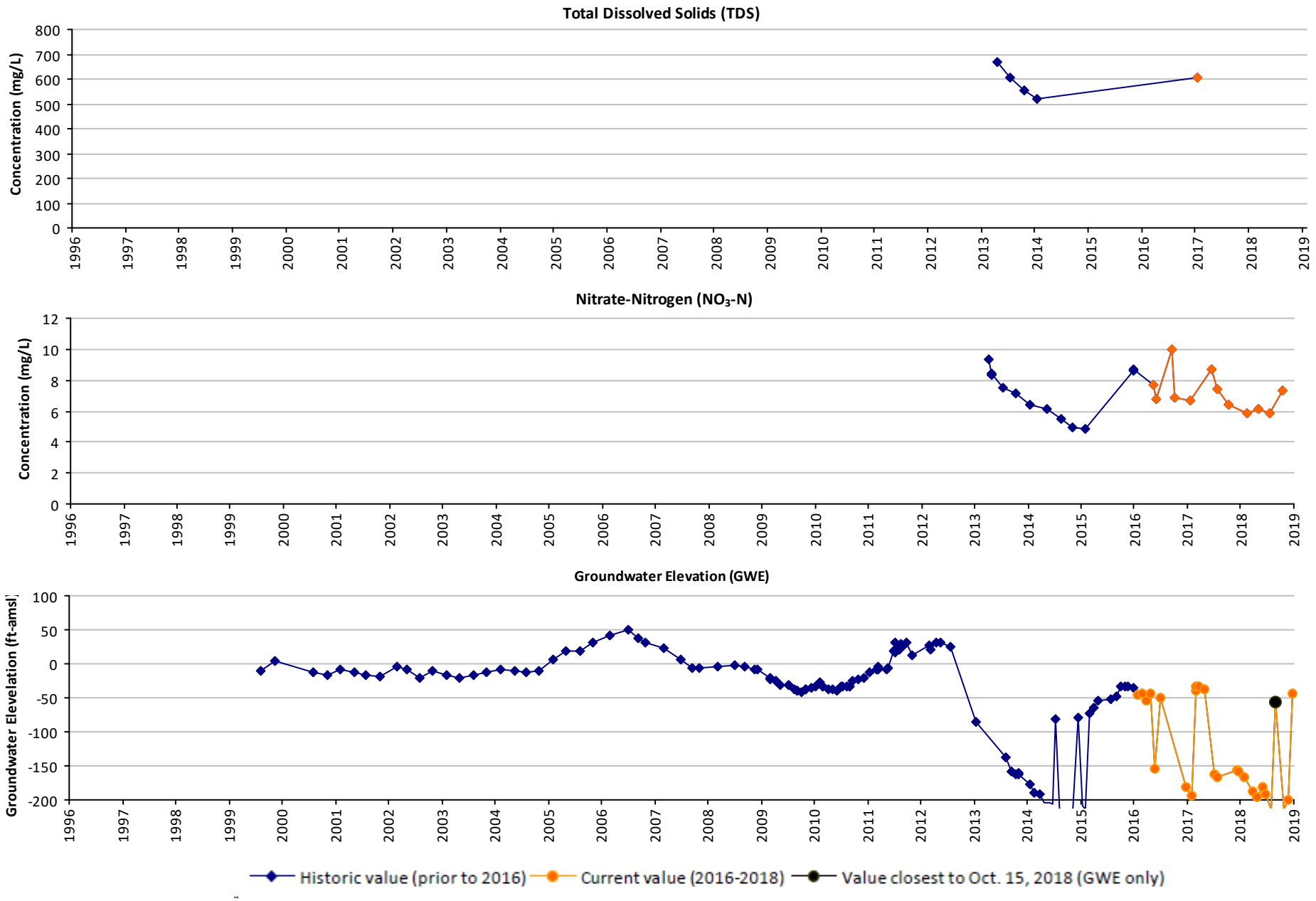
Value closest to Oct. 15, 2018 (GWE only)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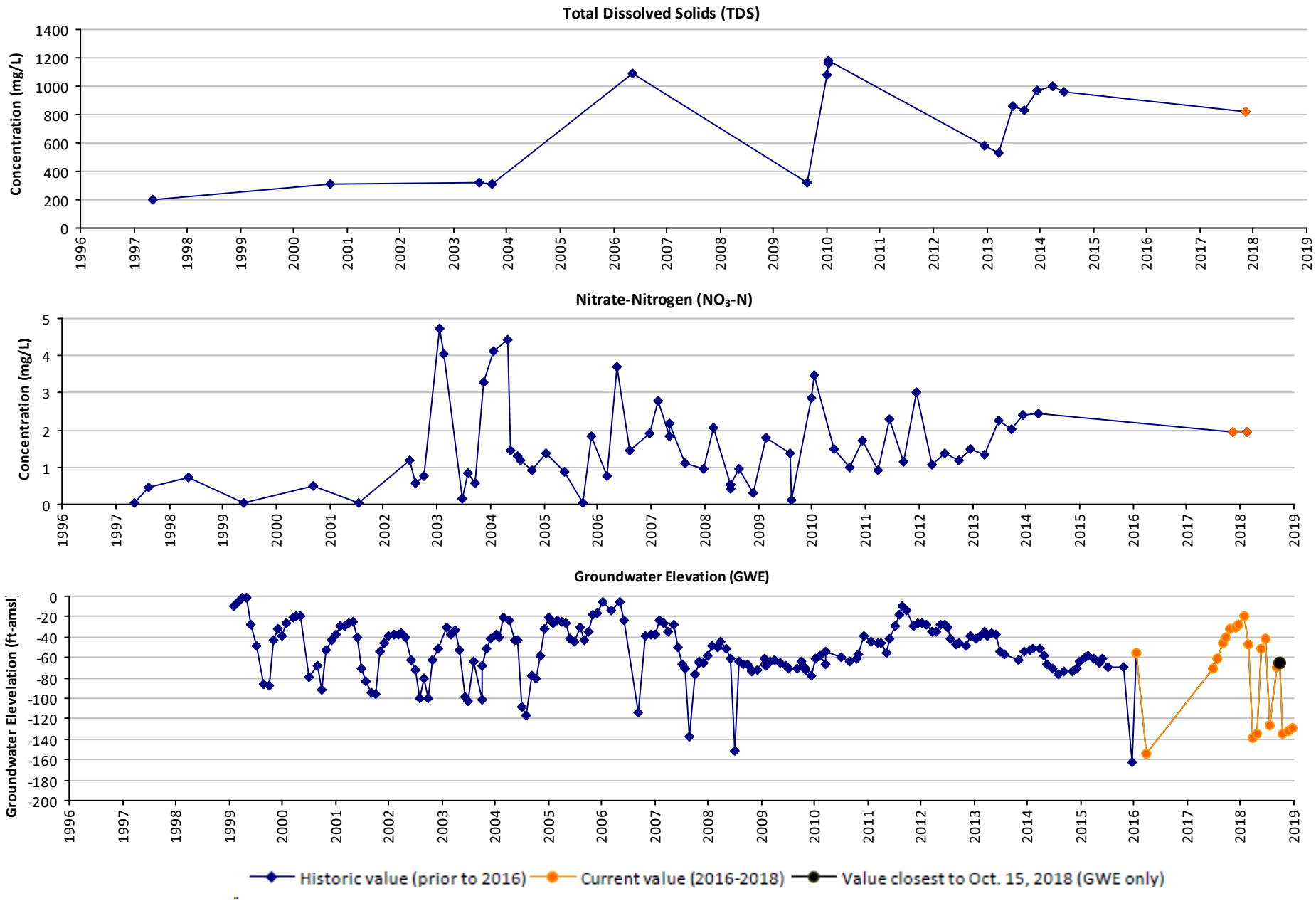
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Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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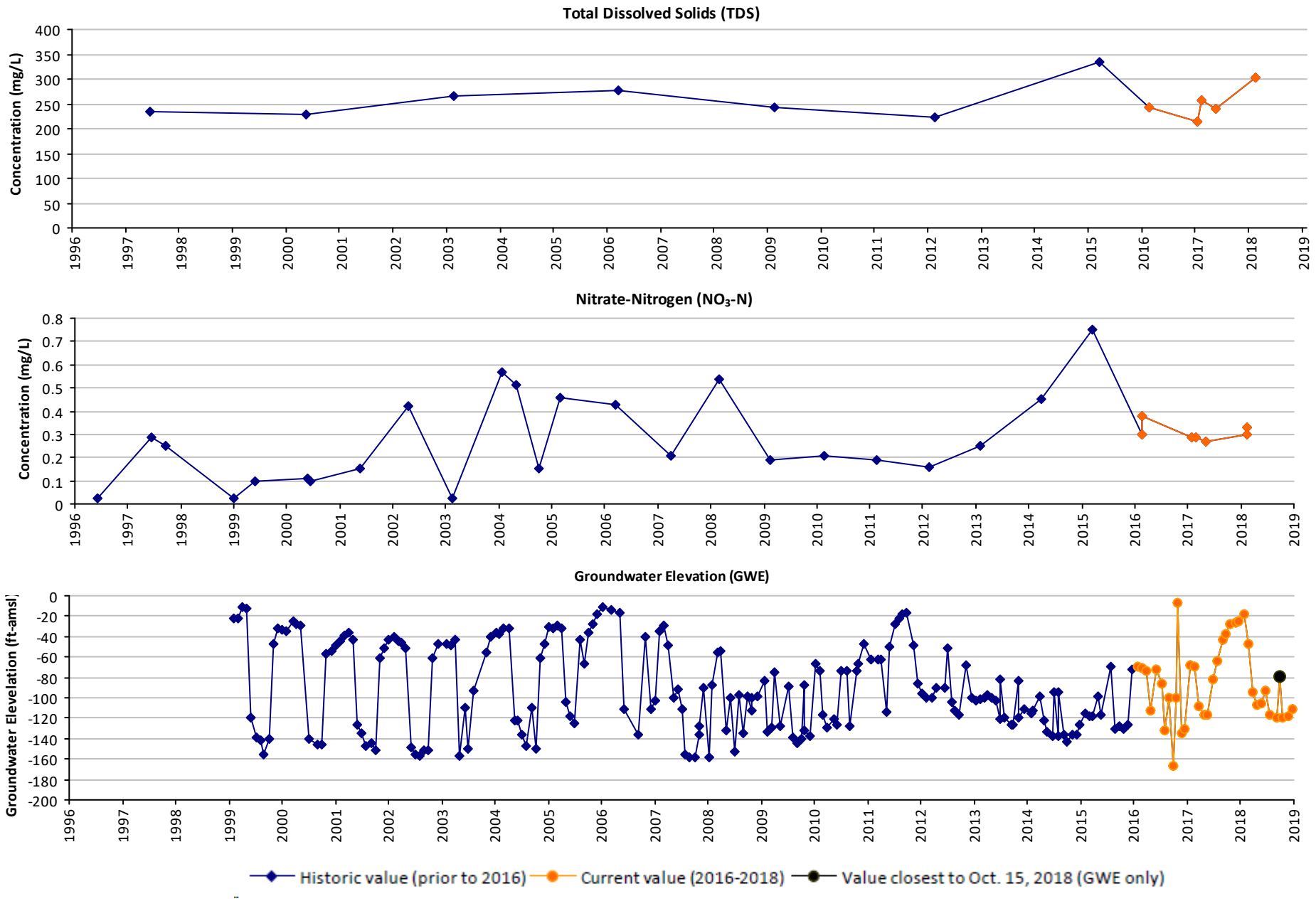
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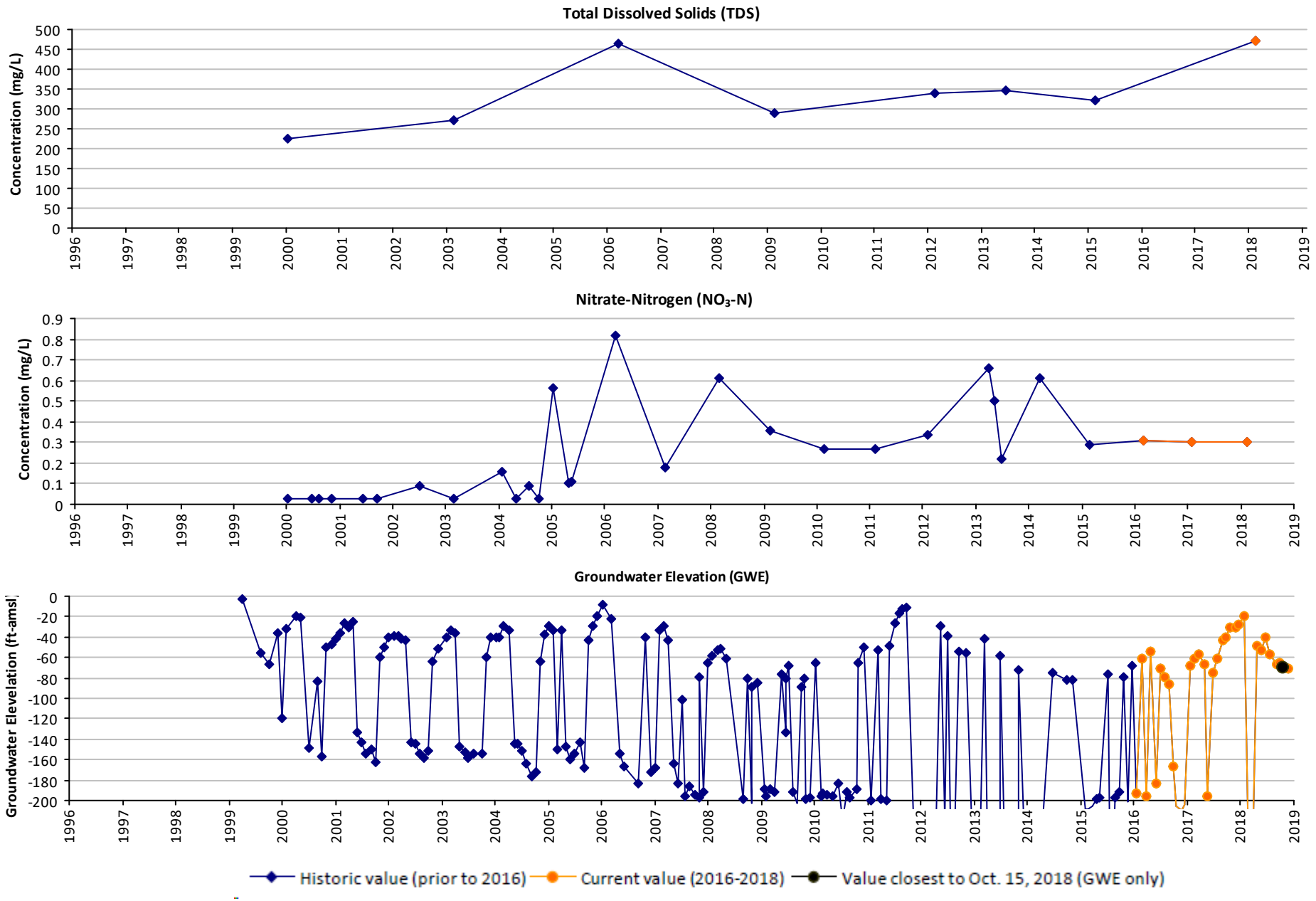
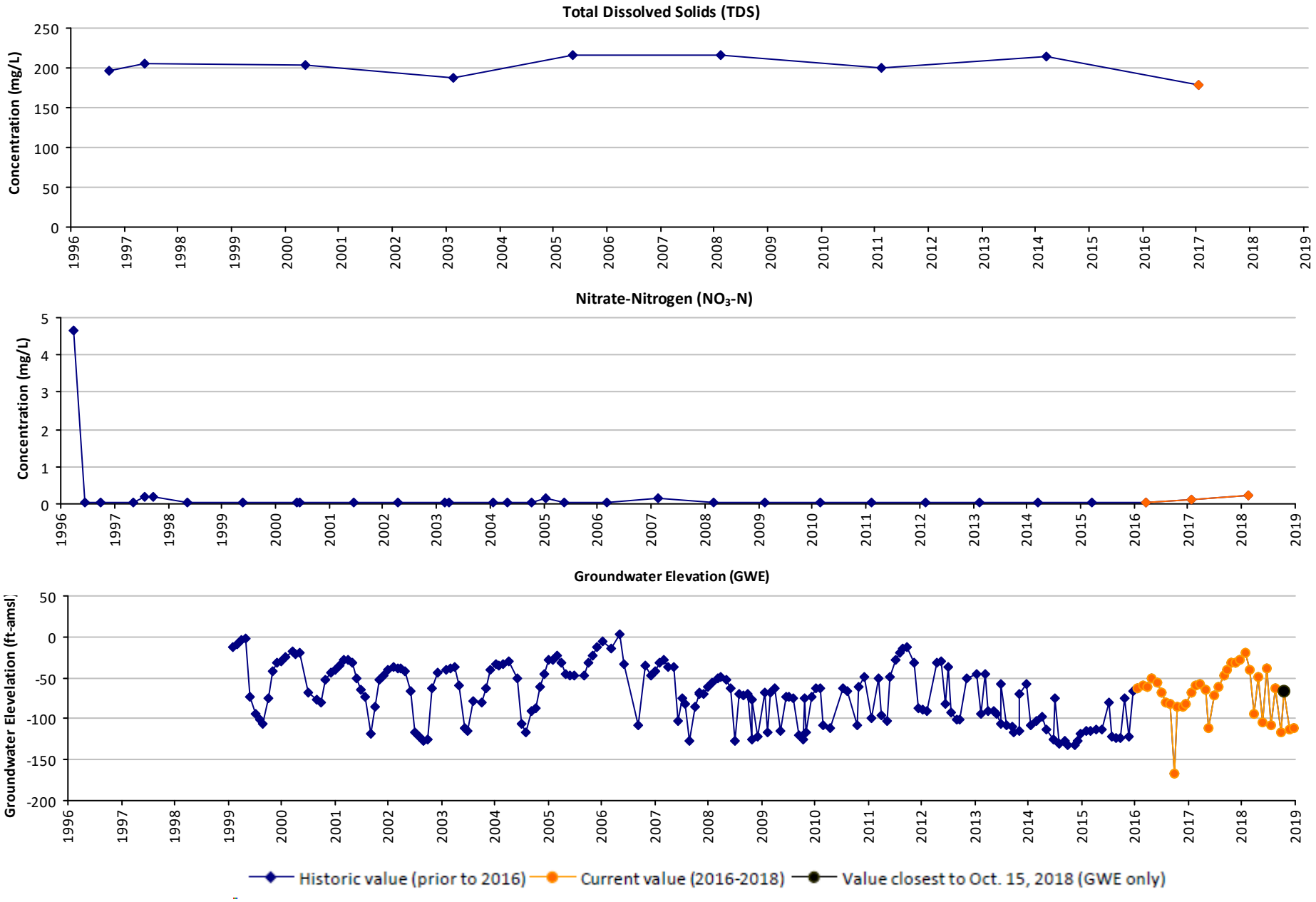
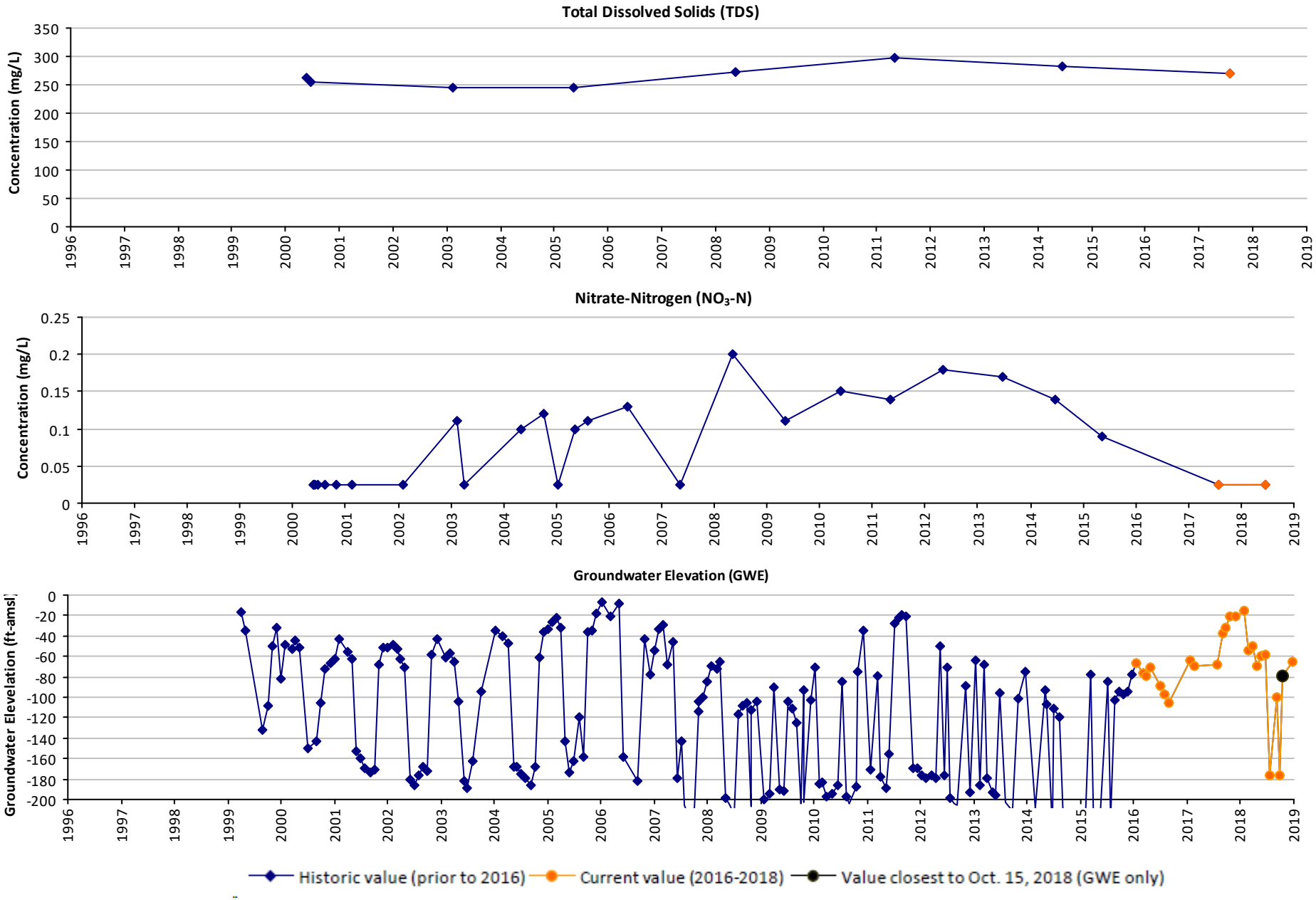
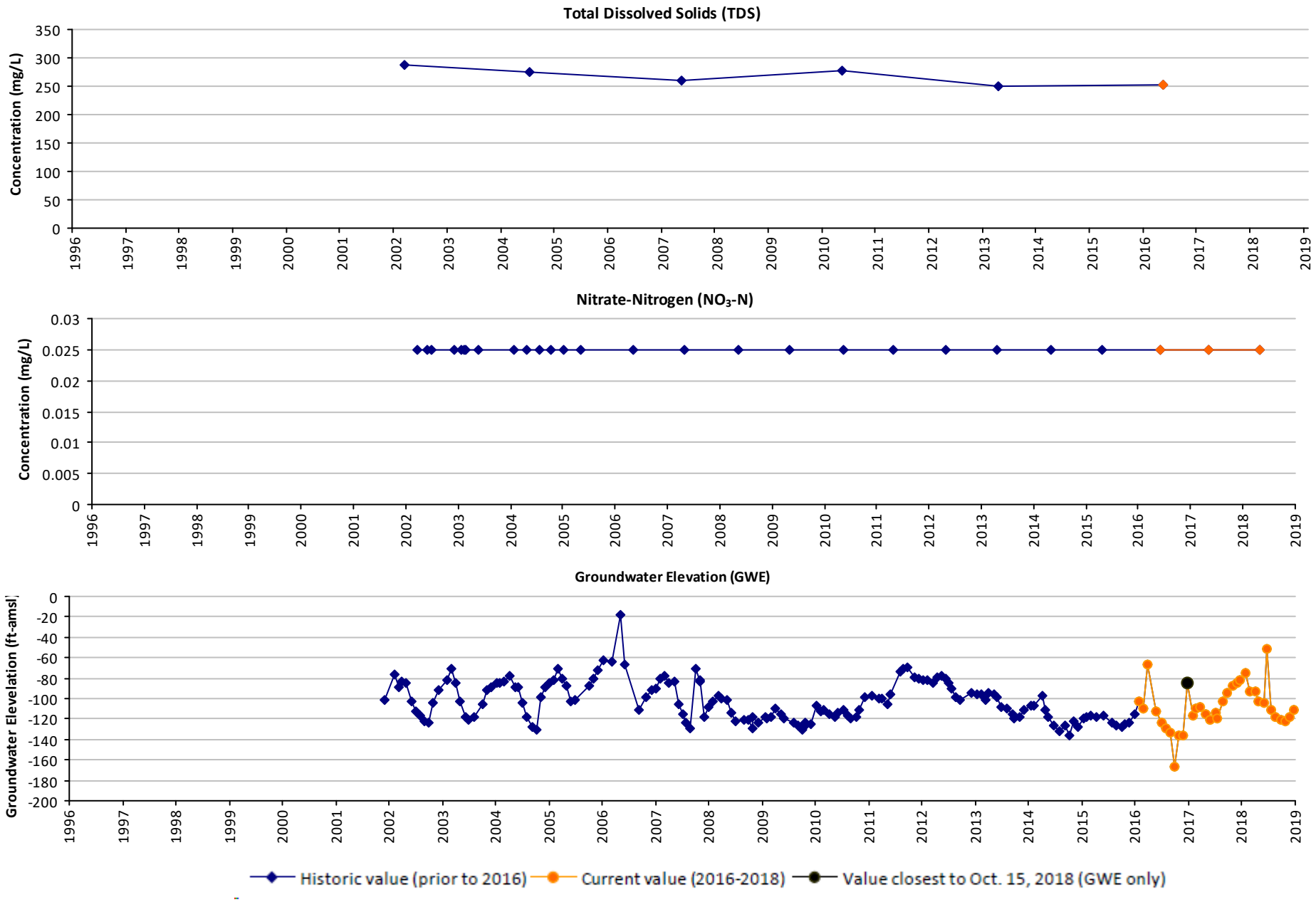
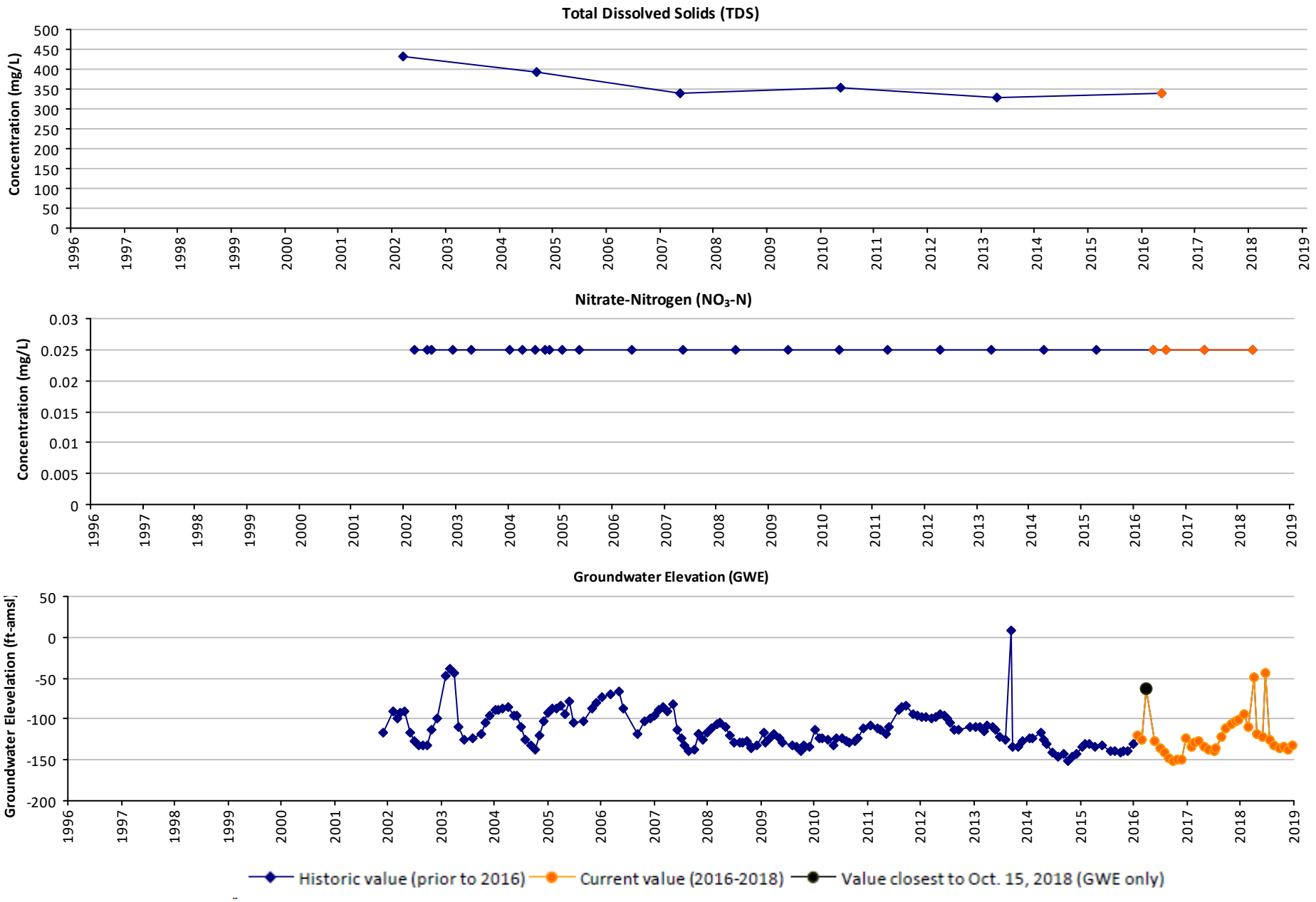
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

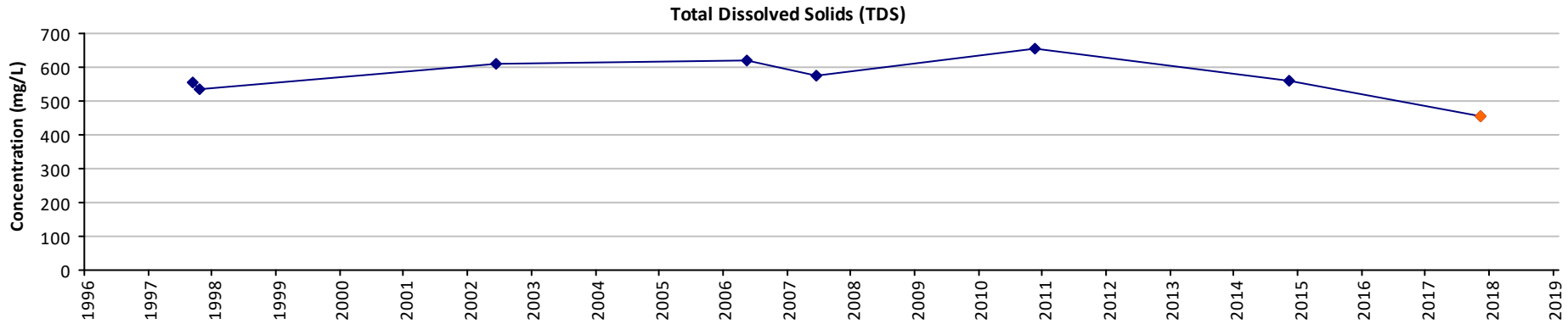

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

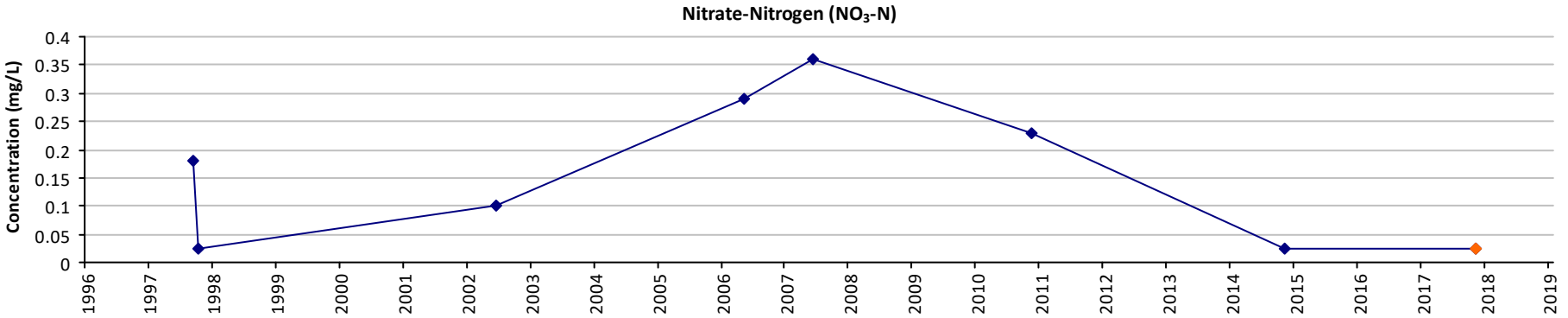

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

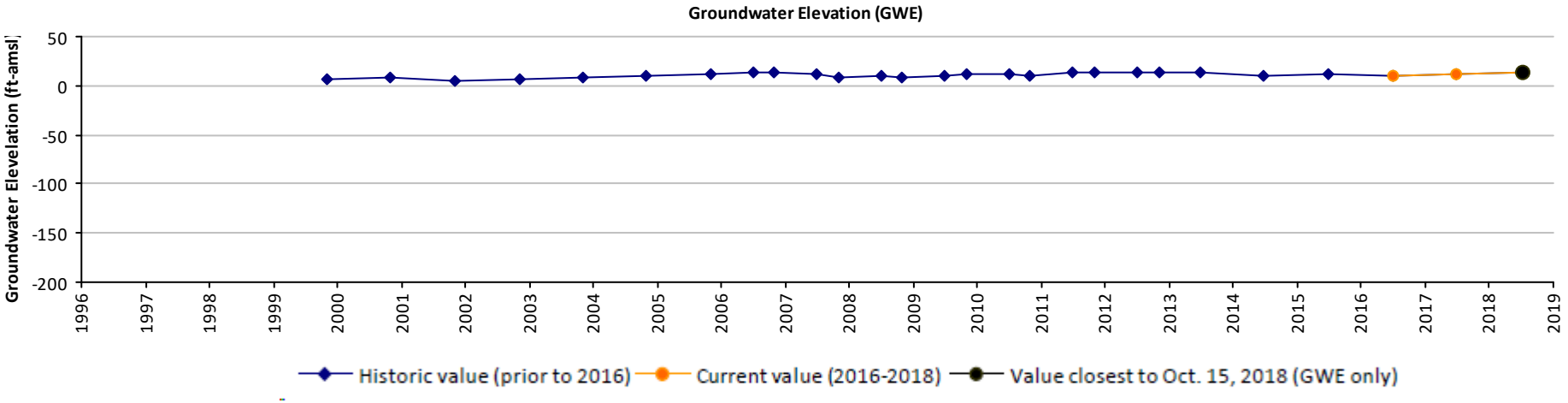

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

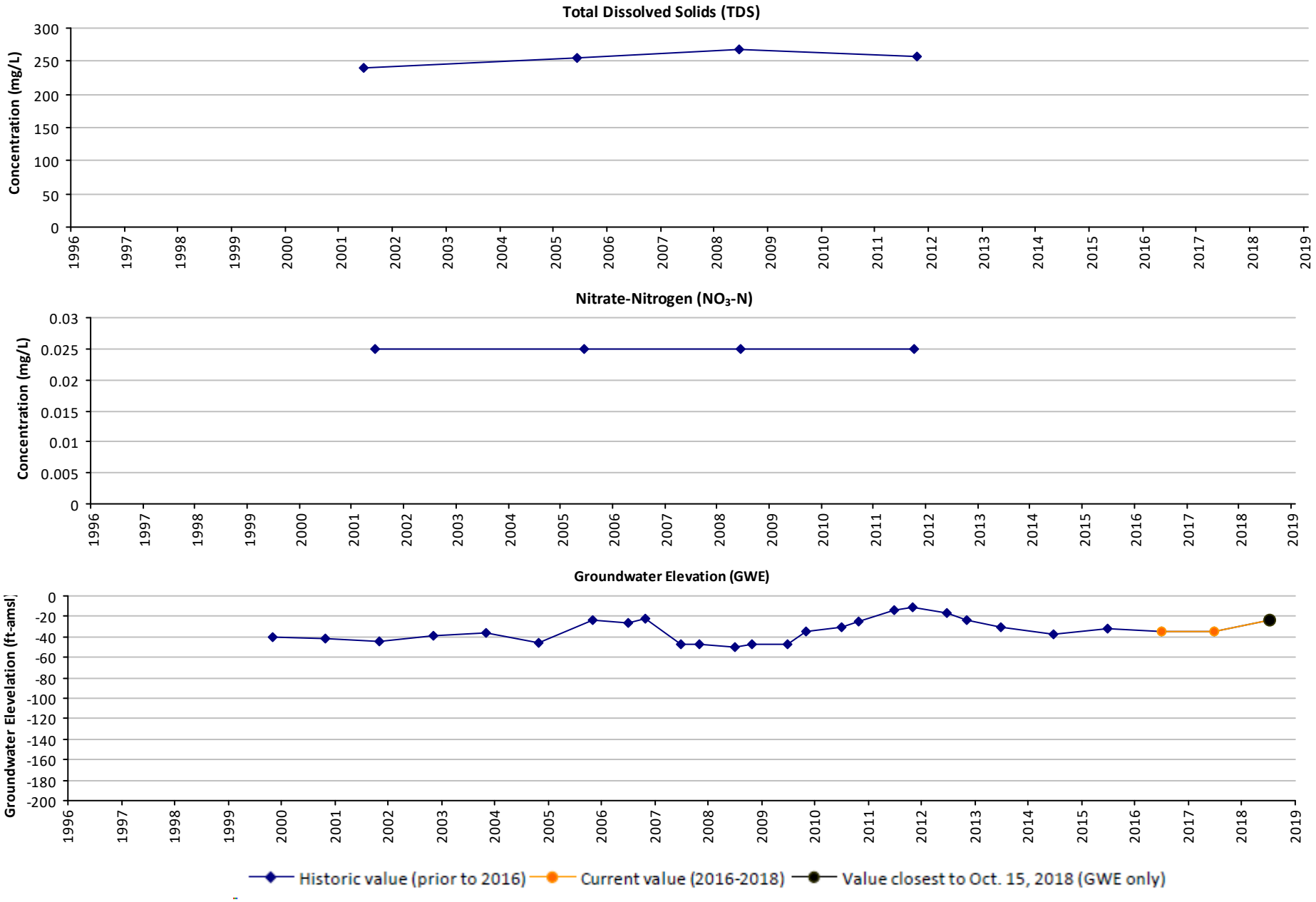

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

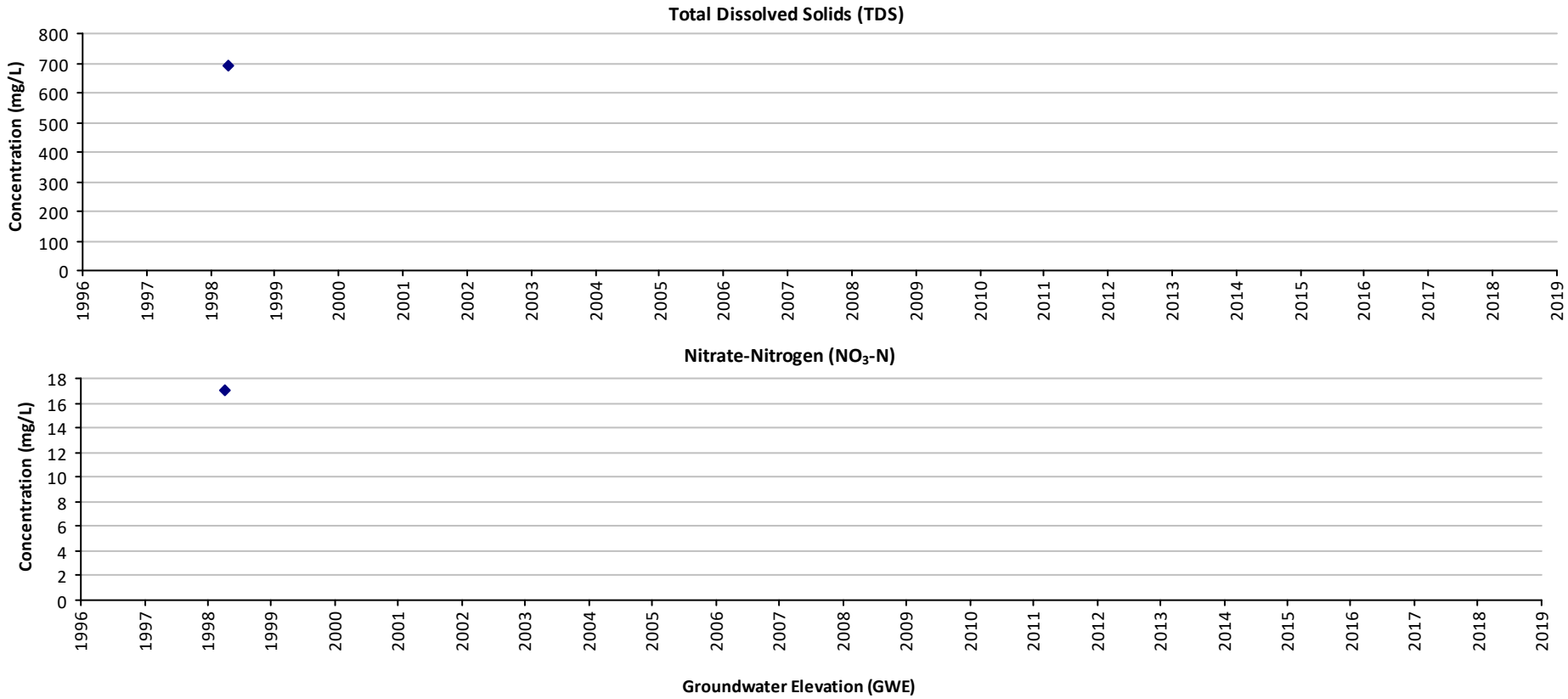

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

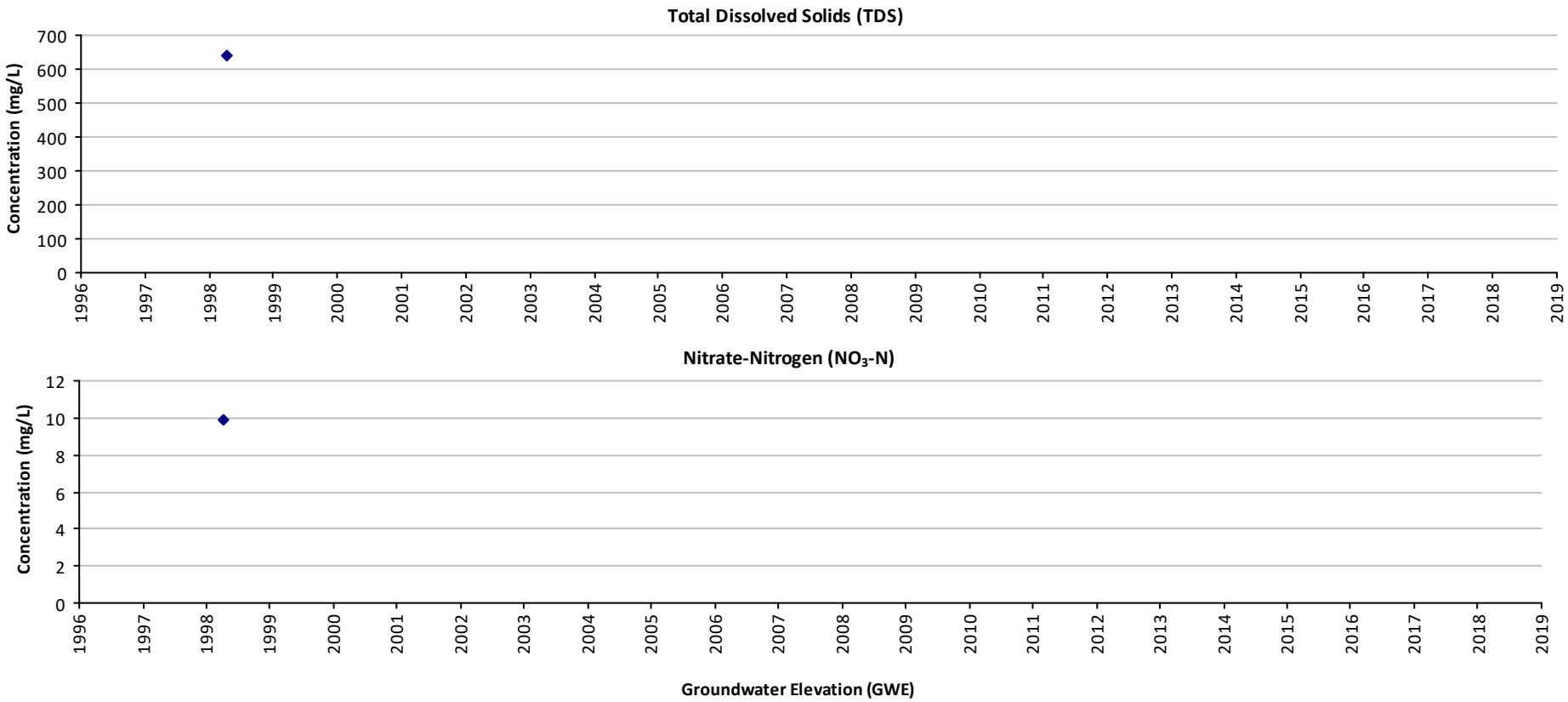

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

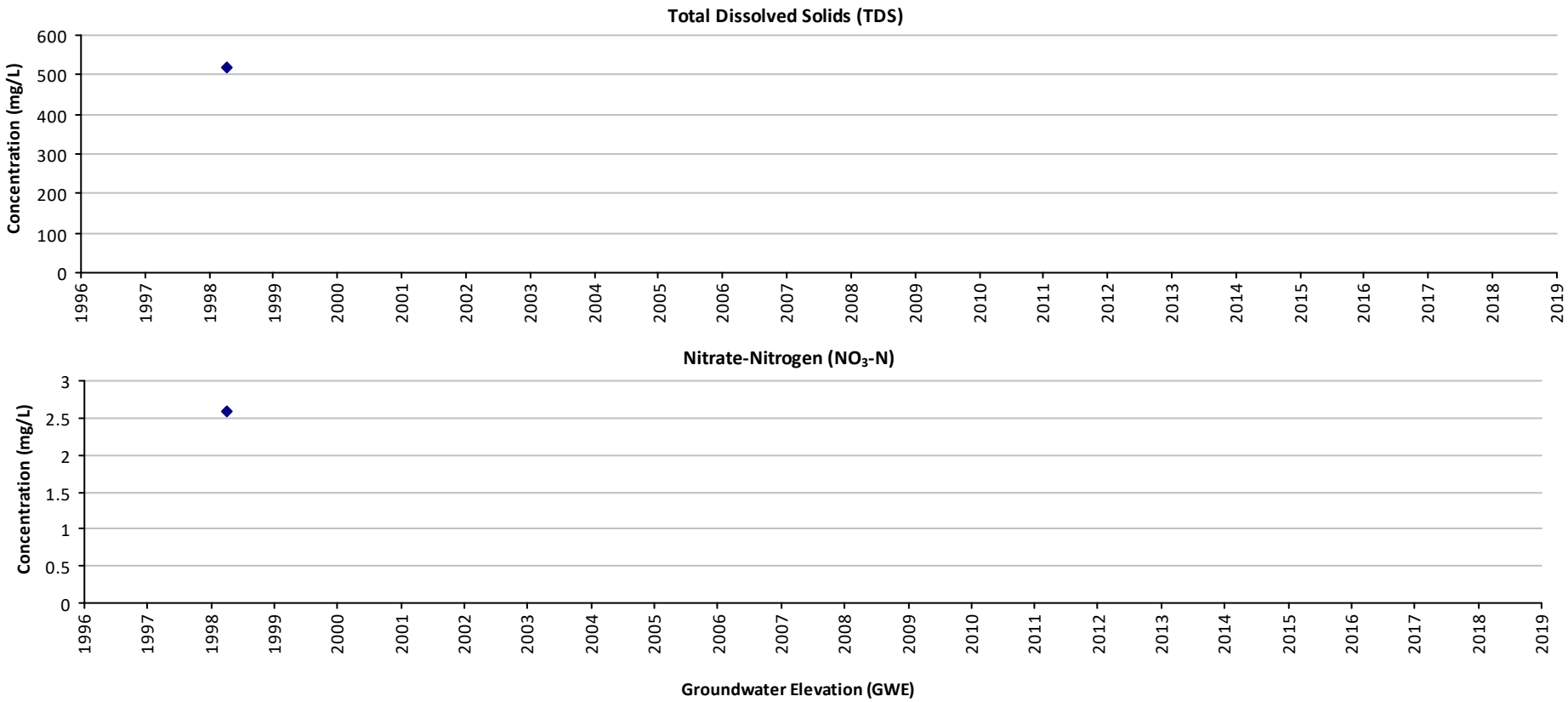

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

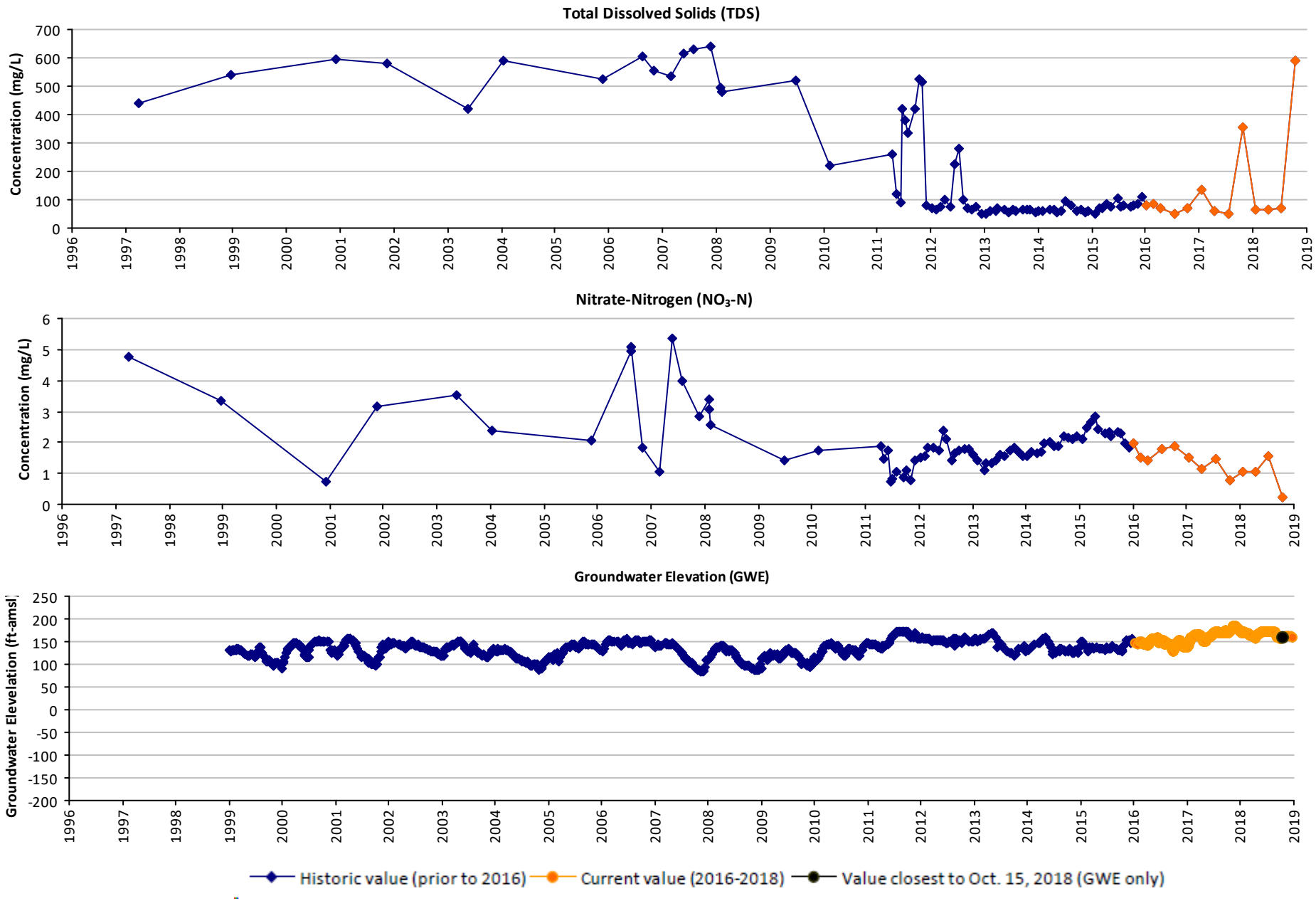

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

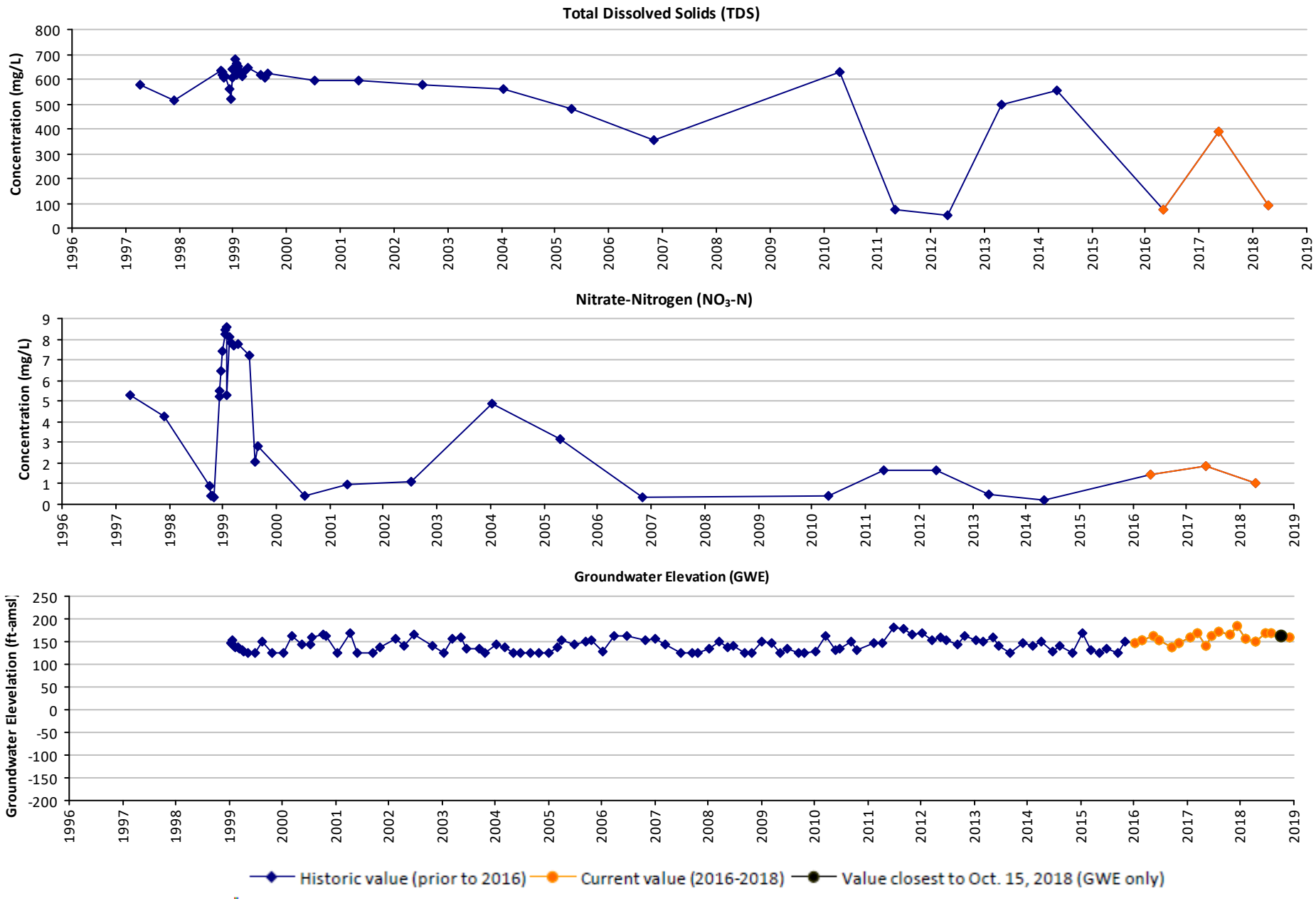

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

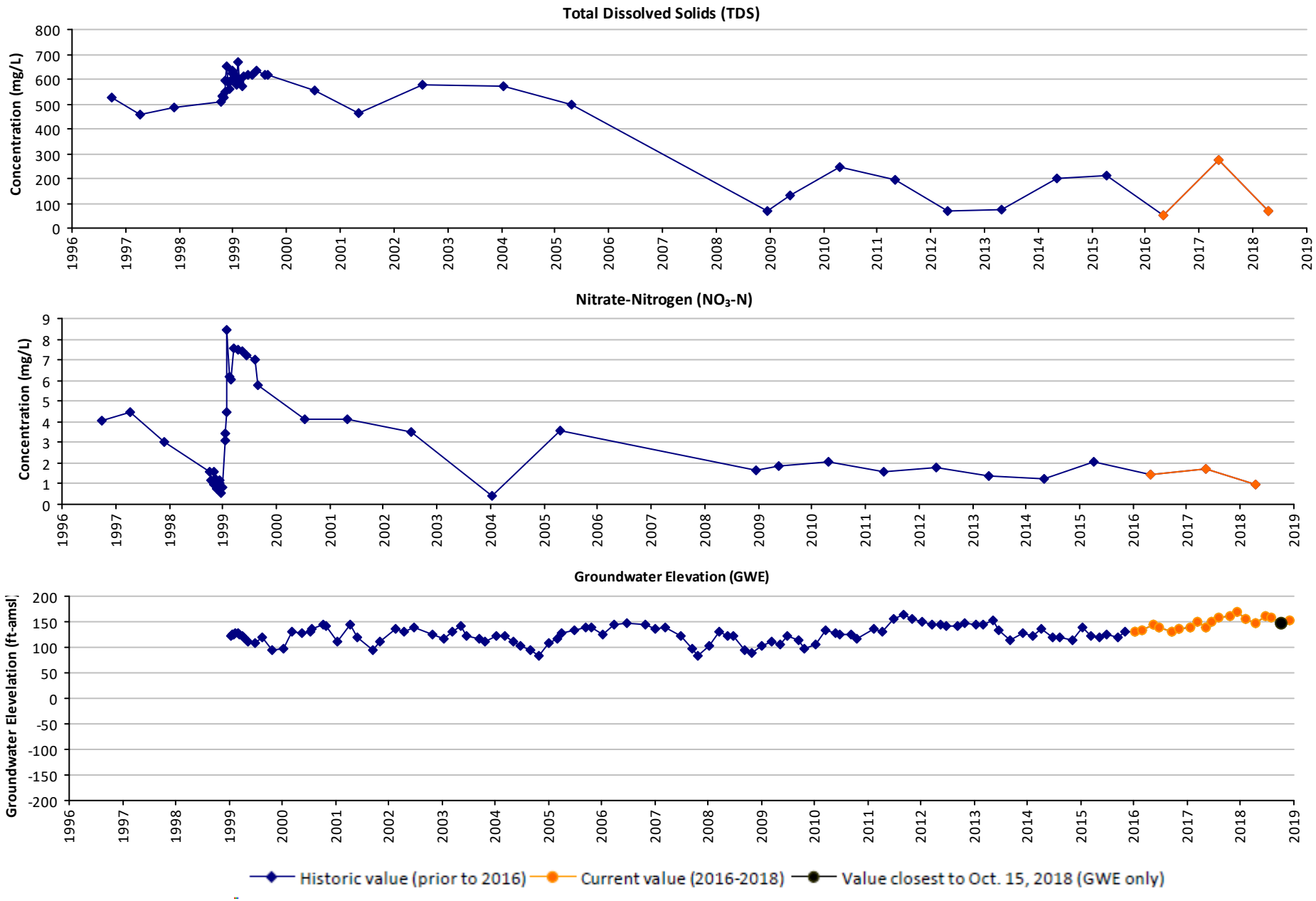

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

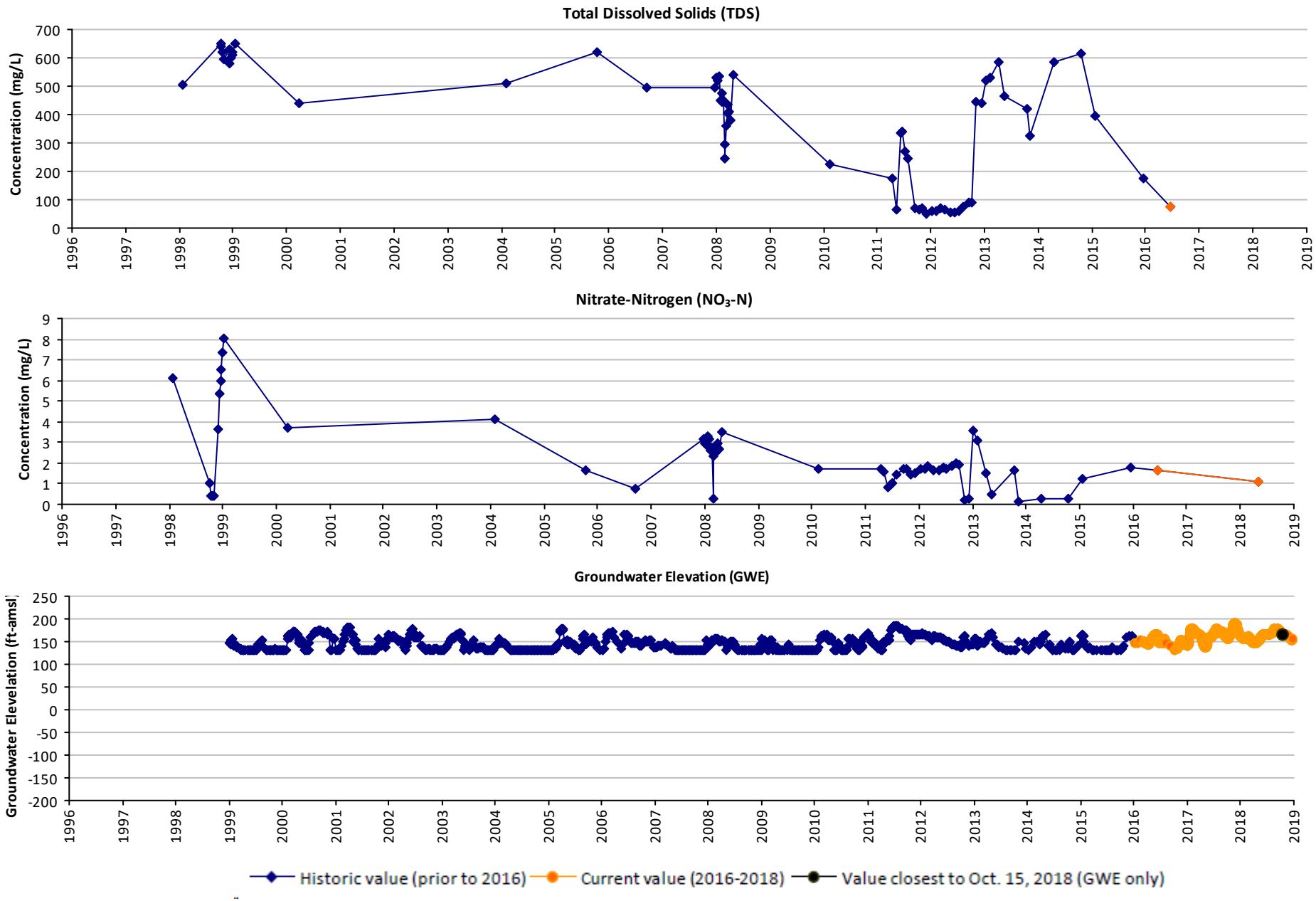
Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

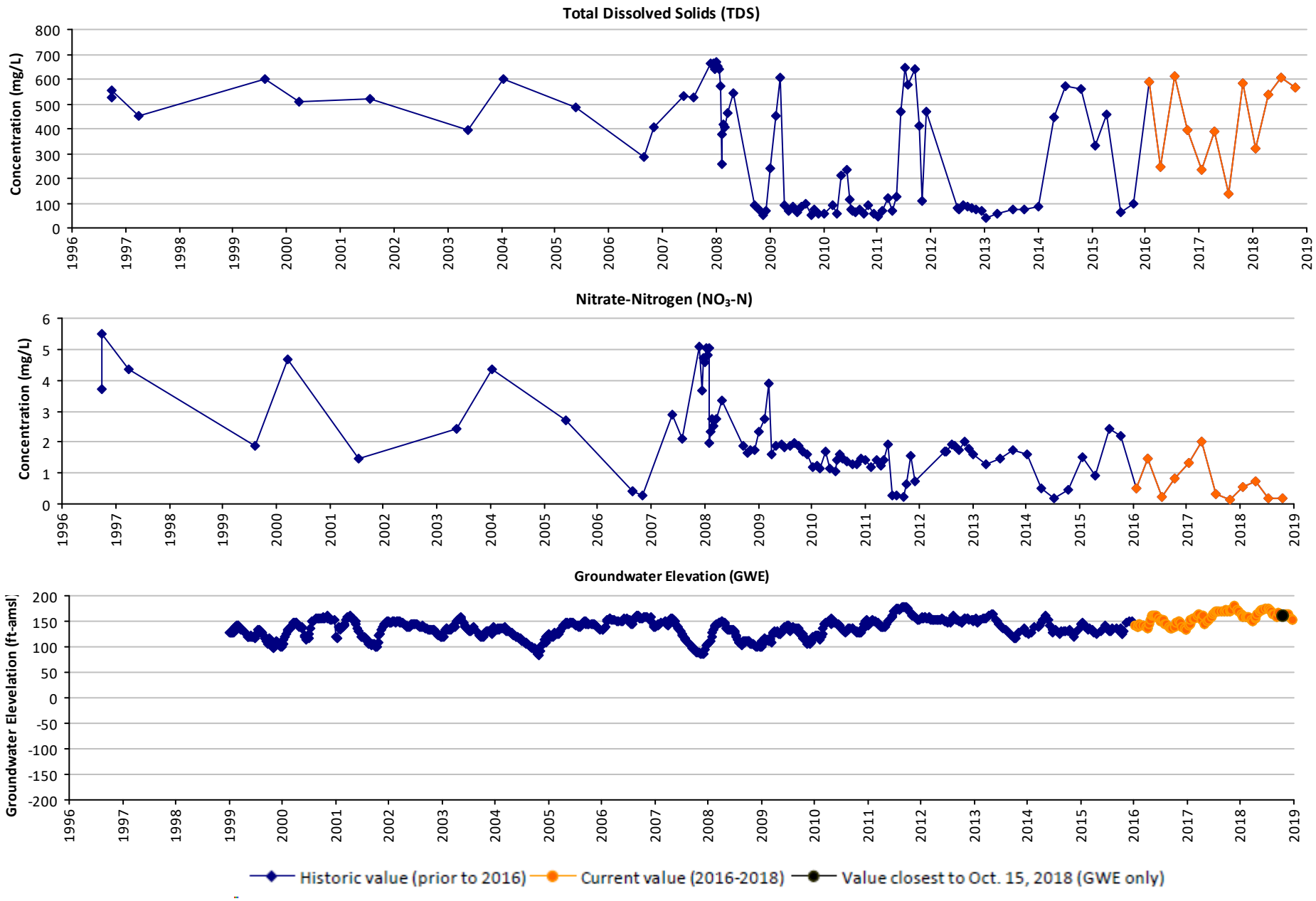
Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

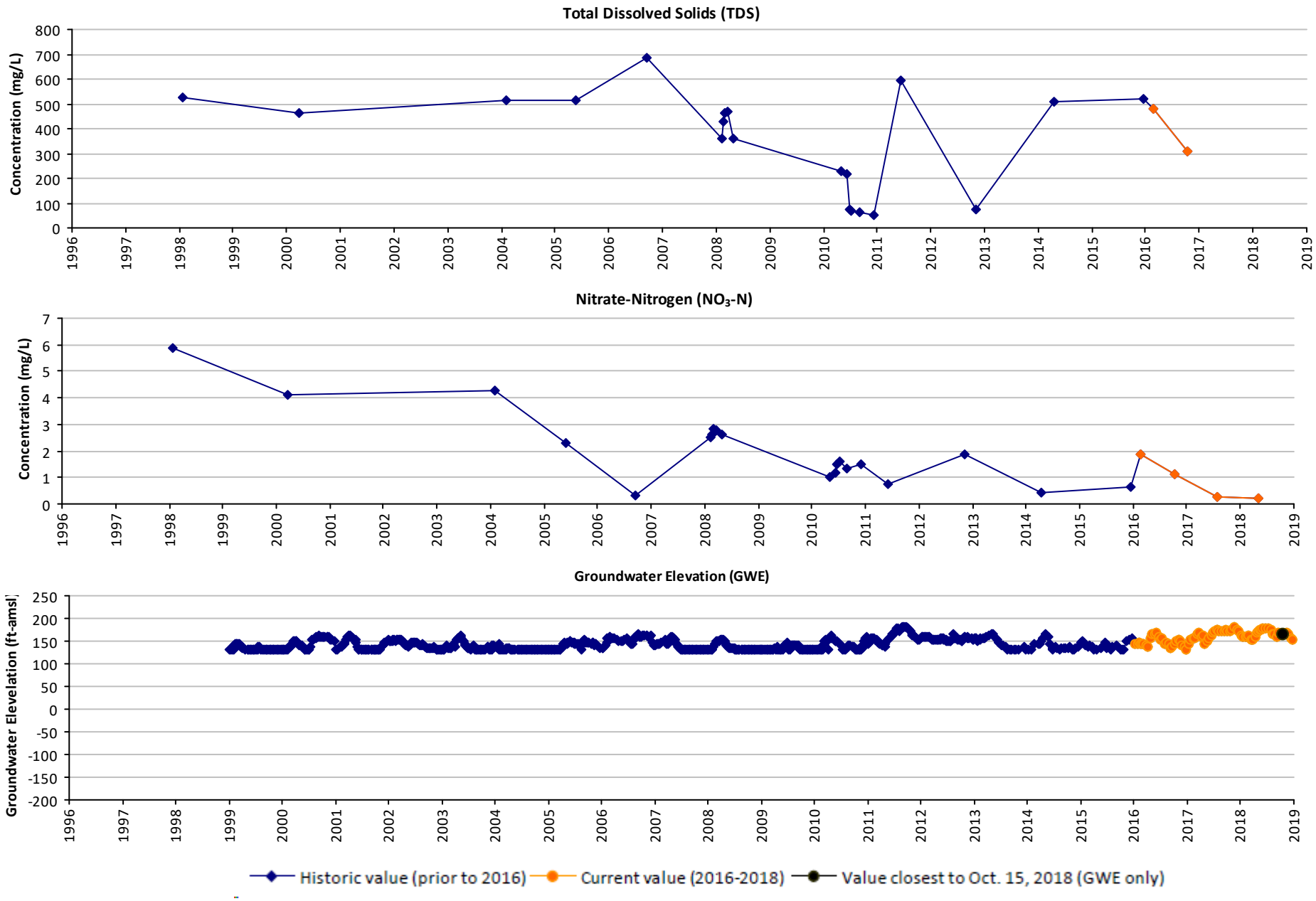

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

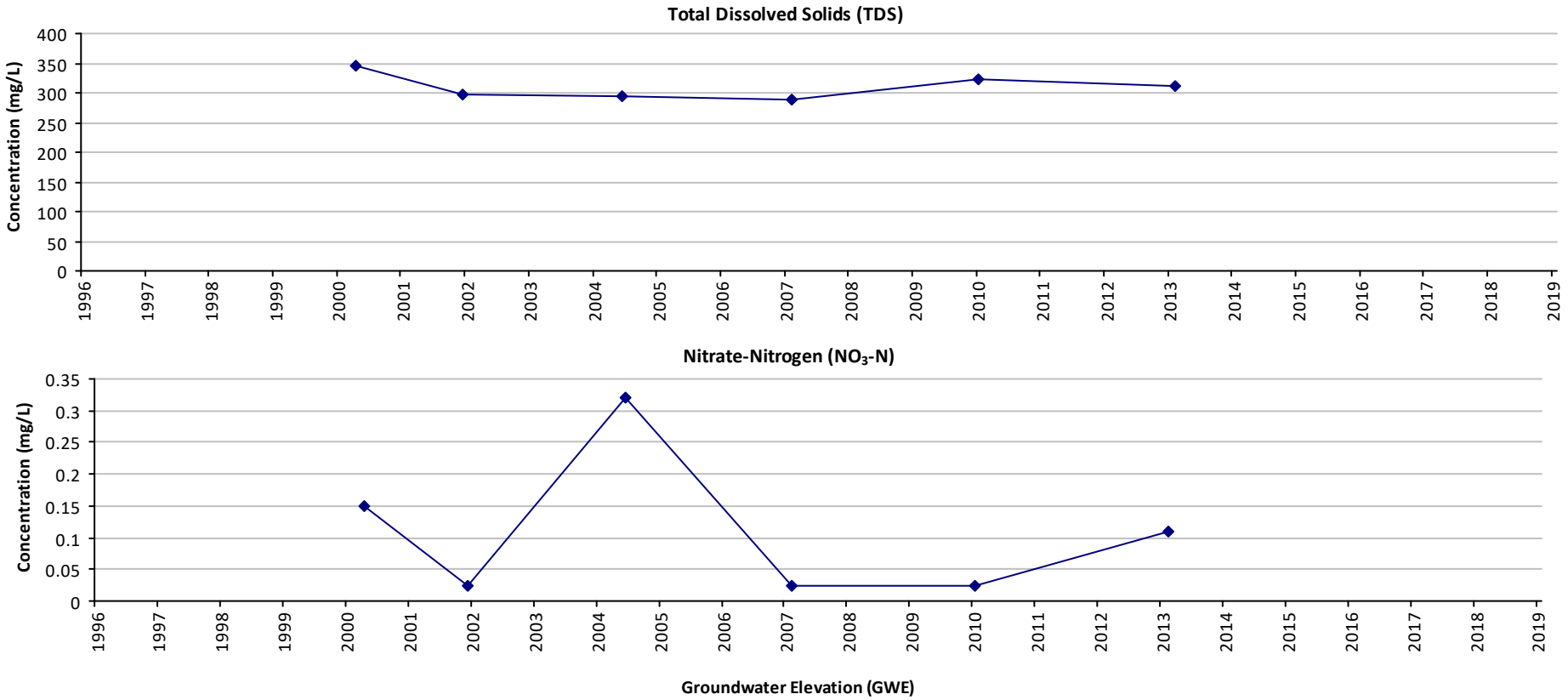

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

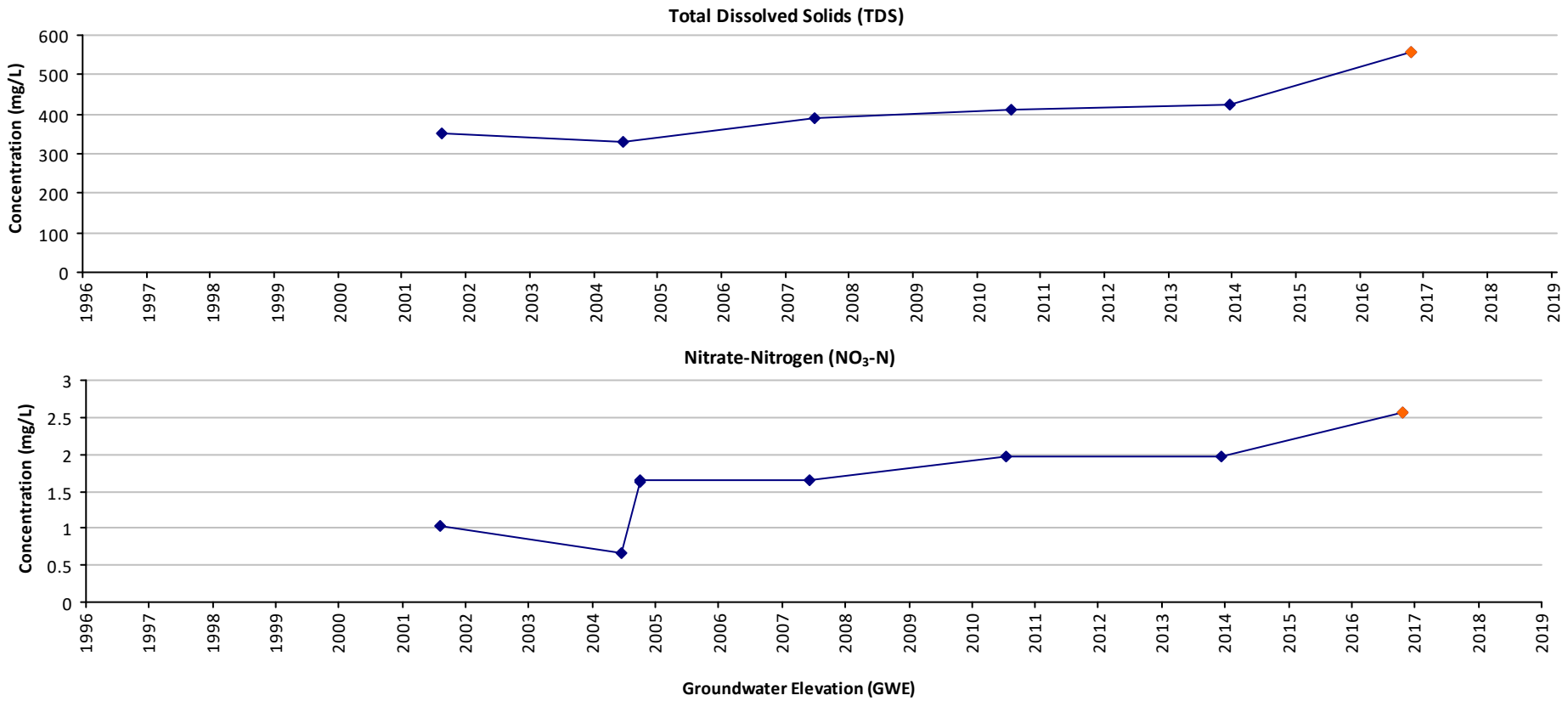

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

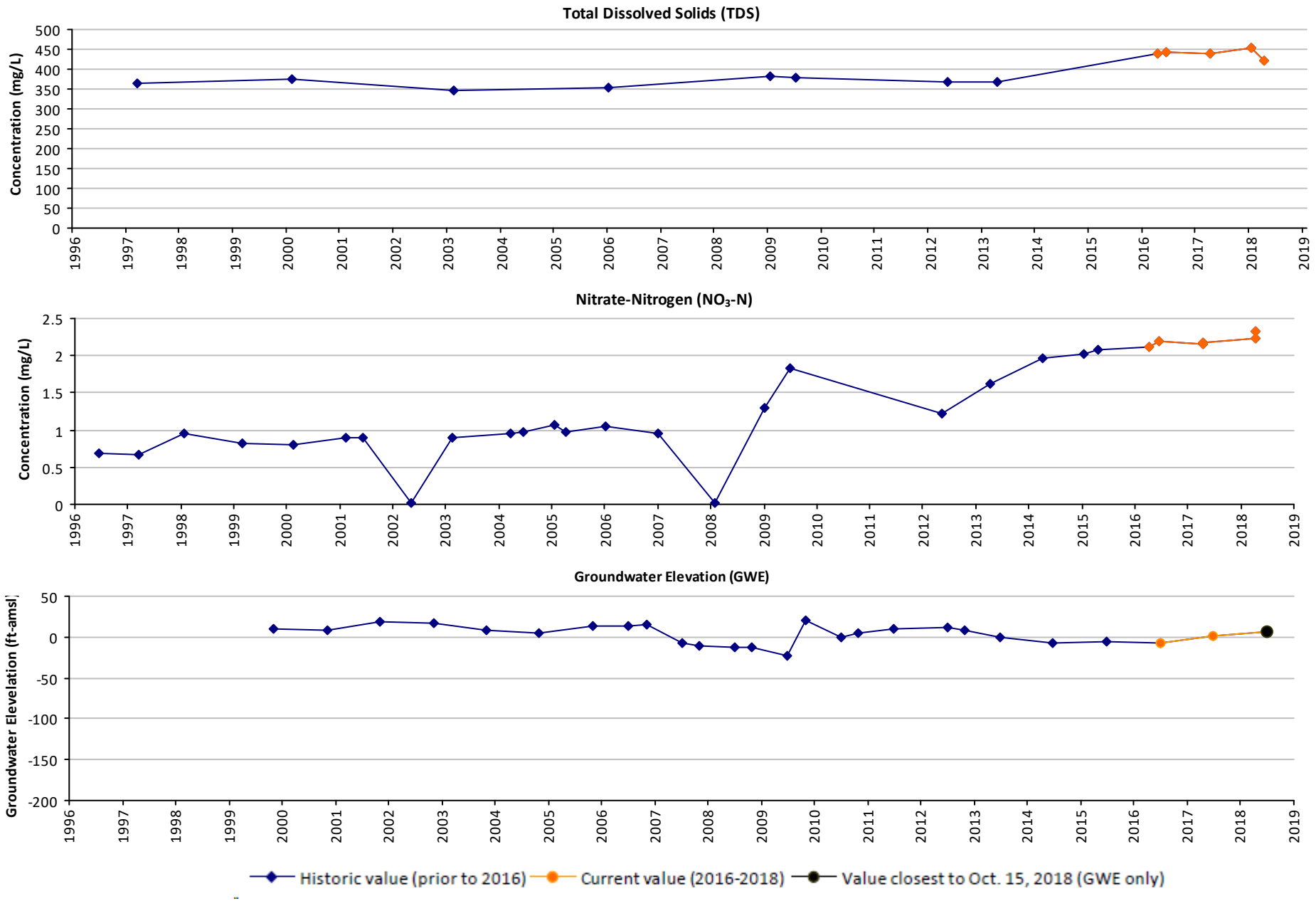

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

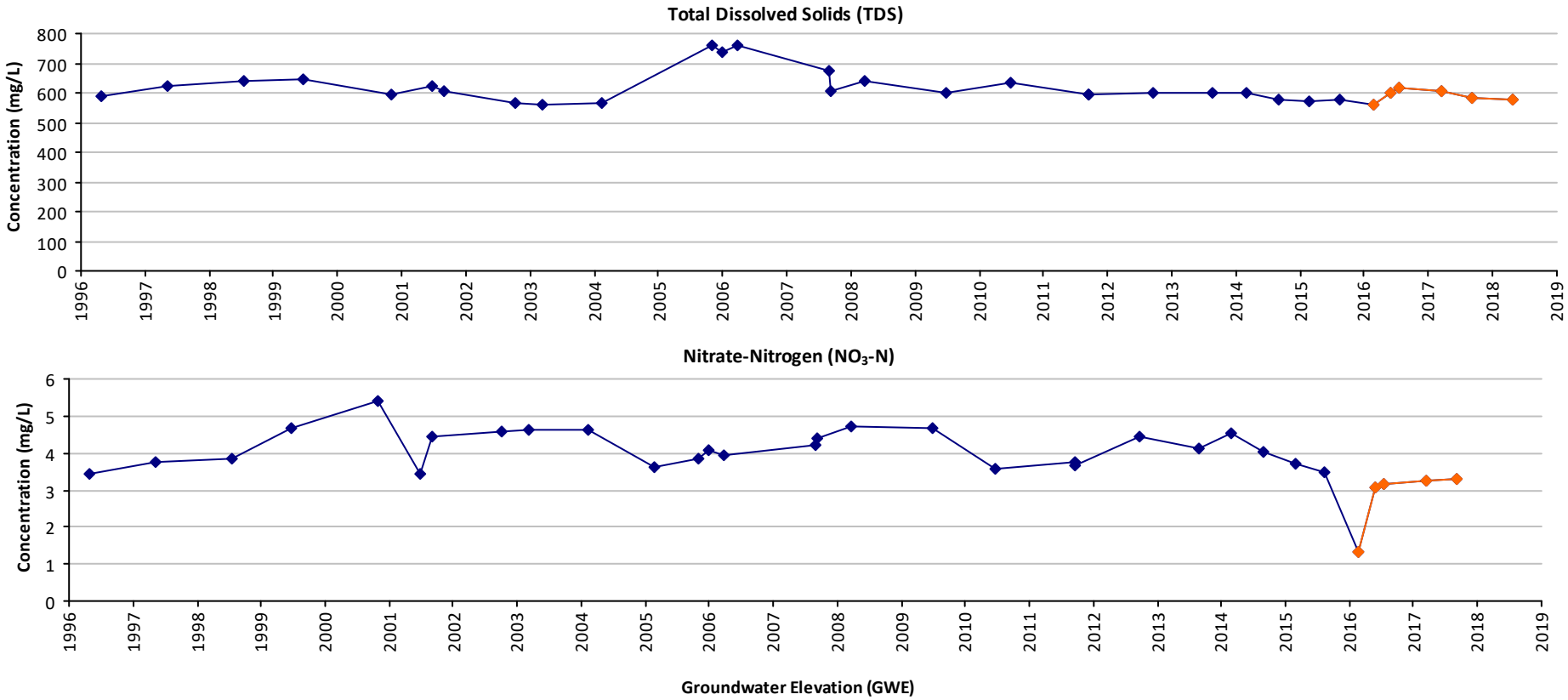

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

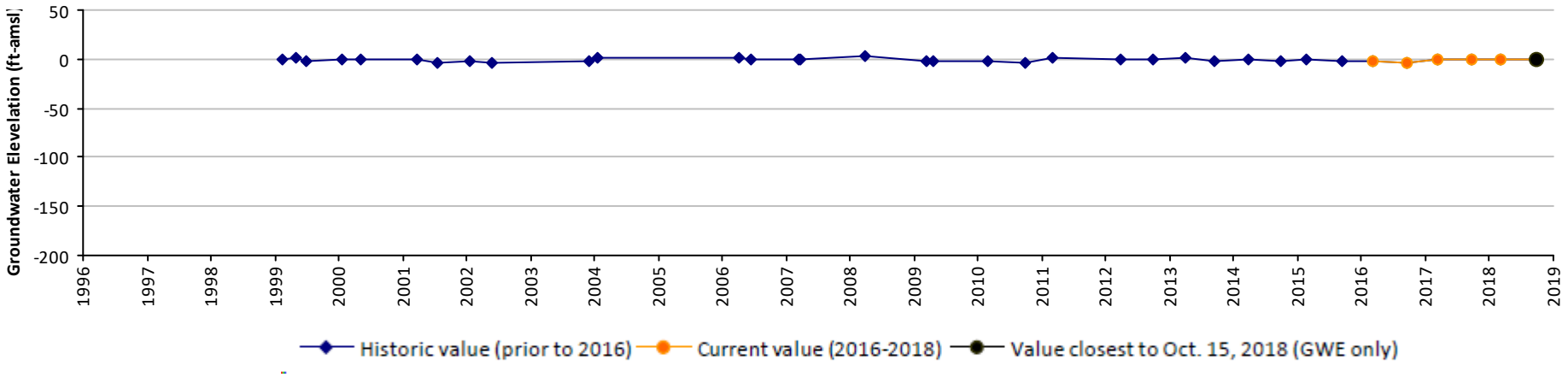

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

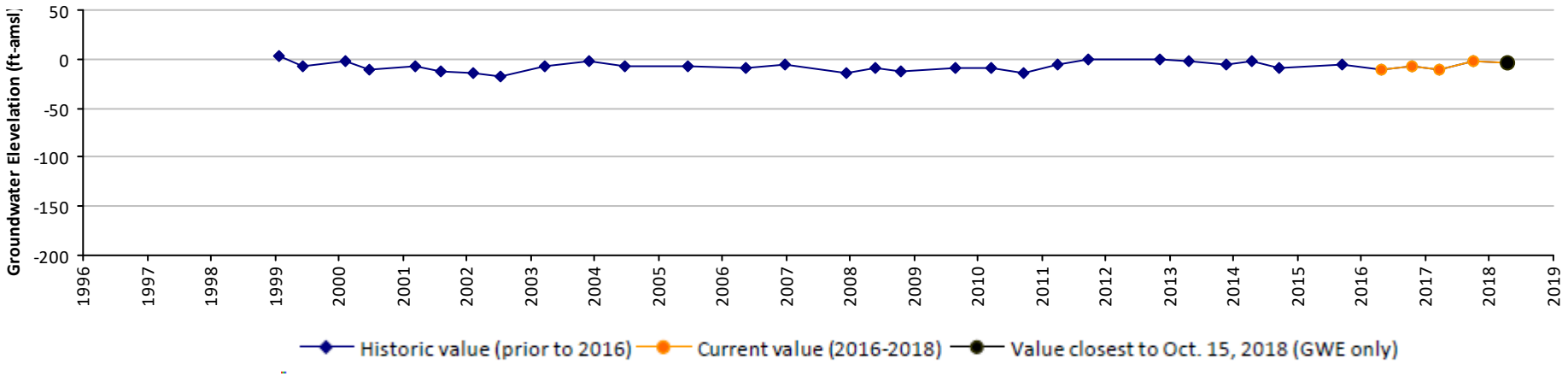
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

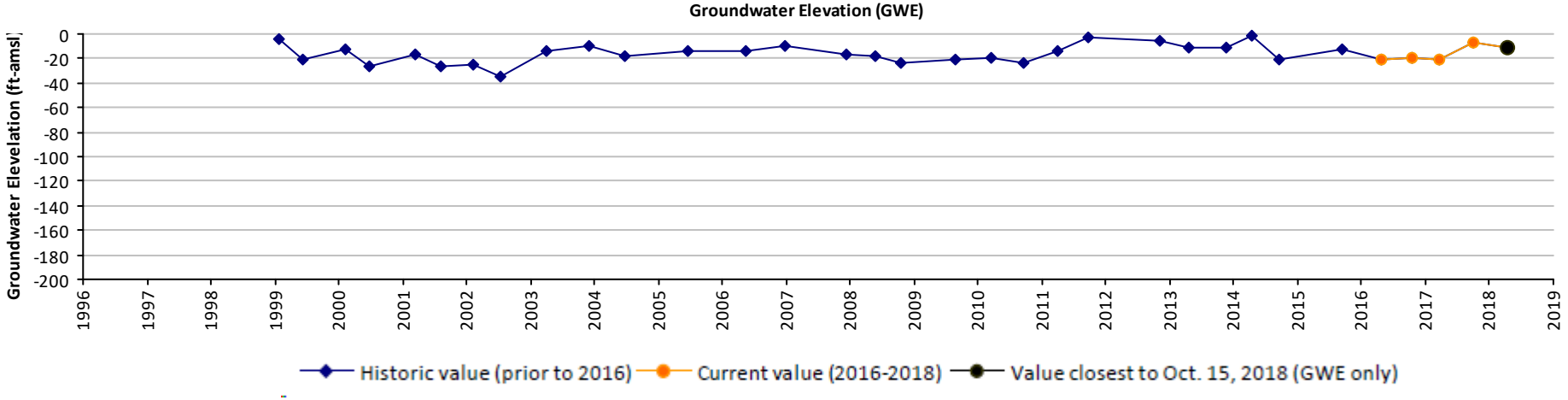
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

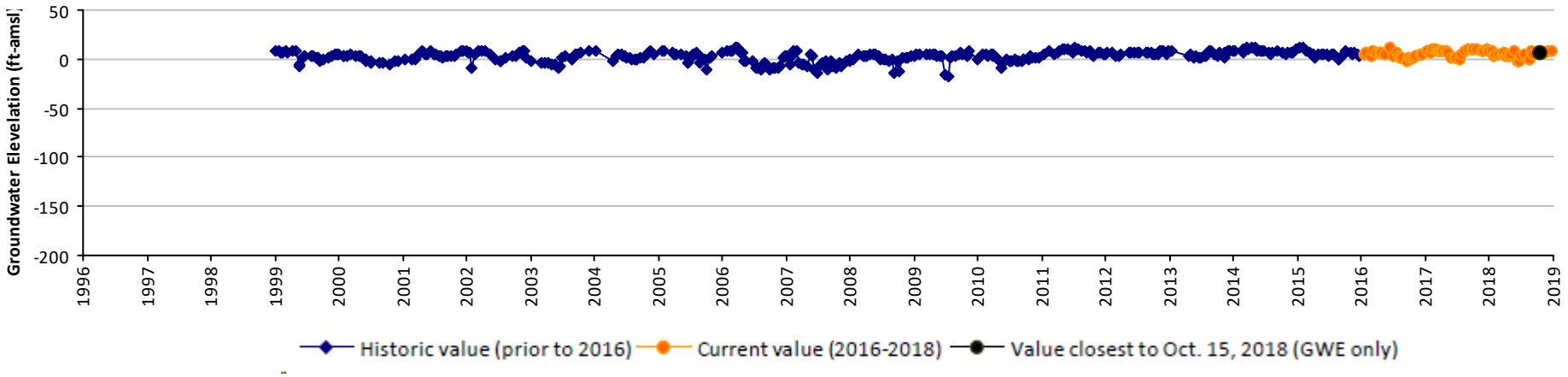
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

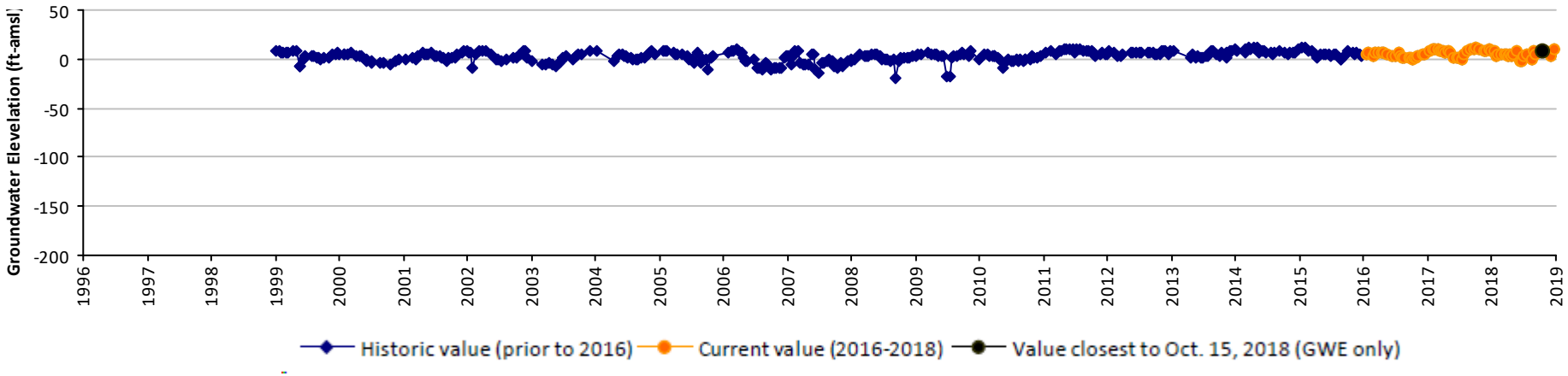
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

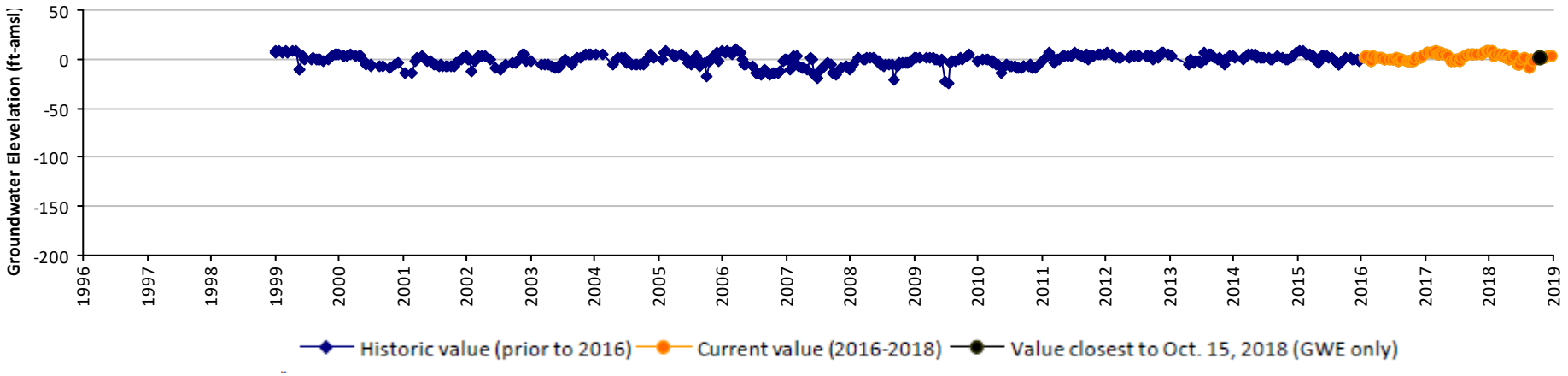
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

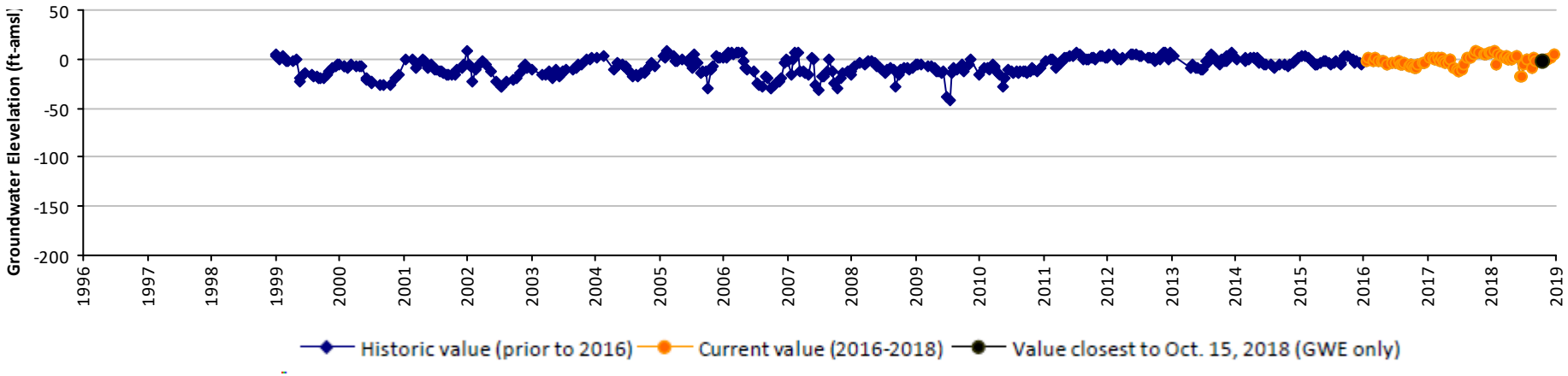
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

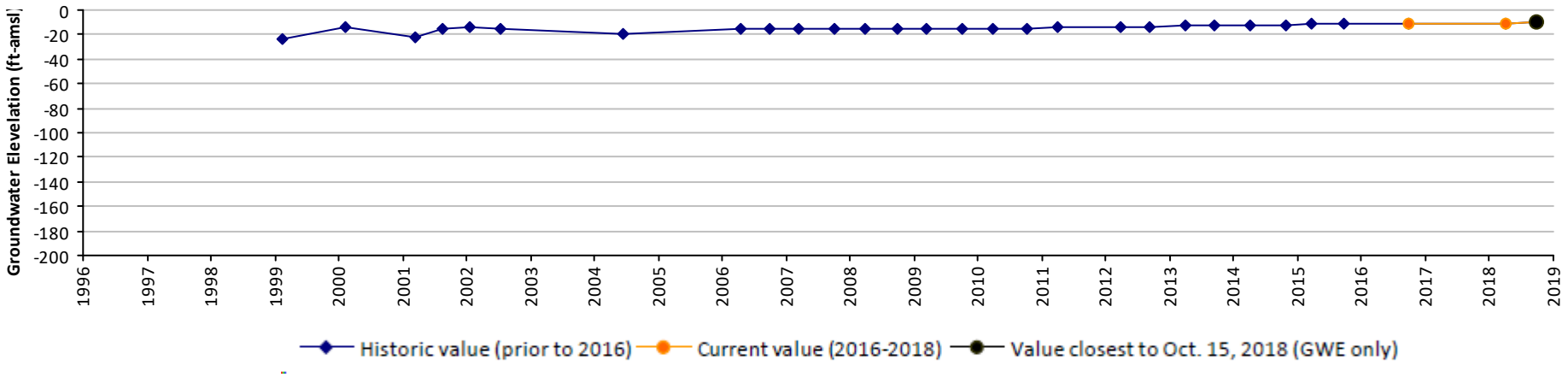
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

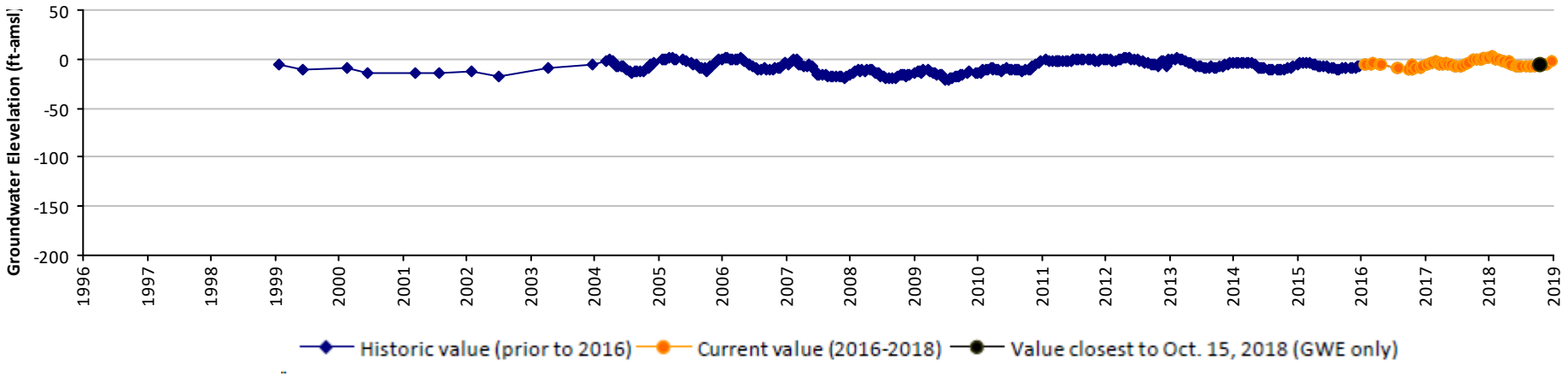
Groundwater Elevation (GWE)

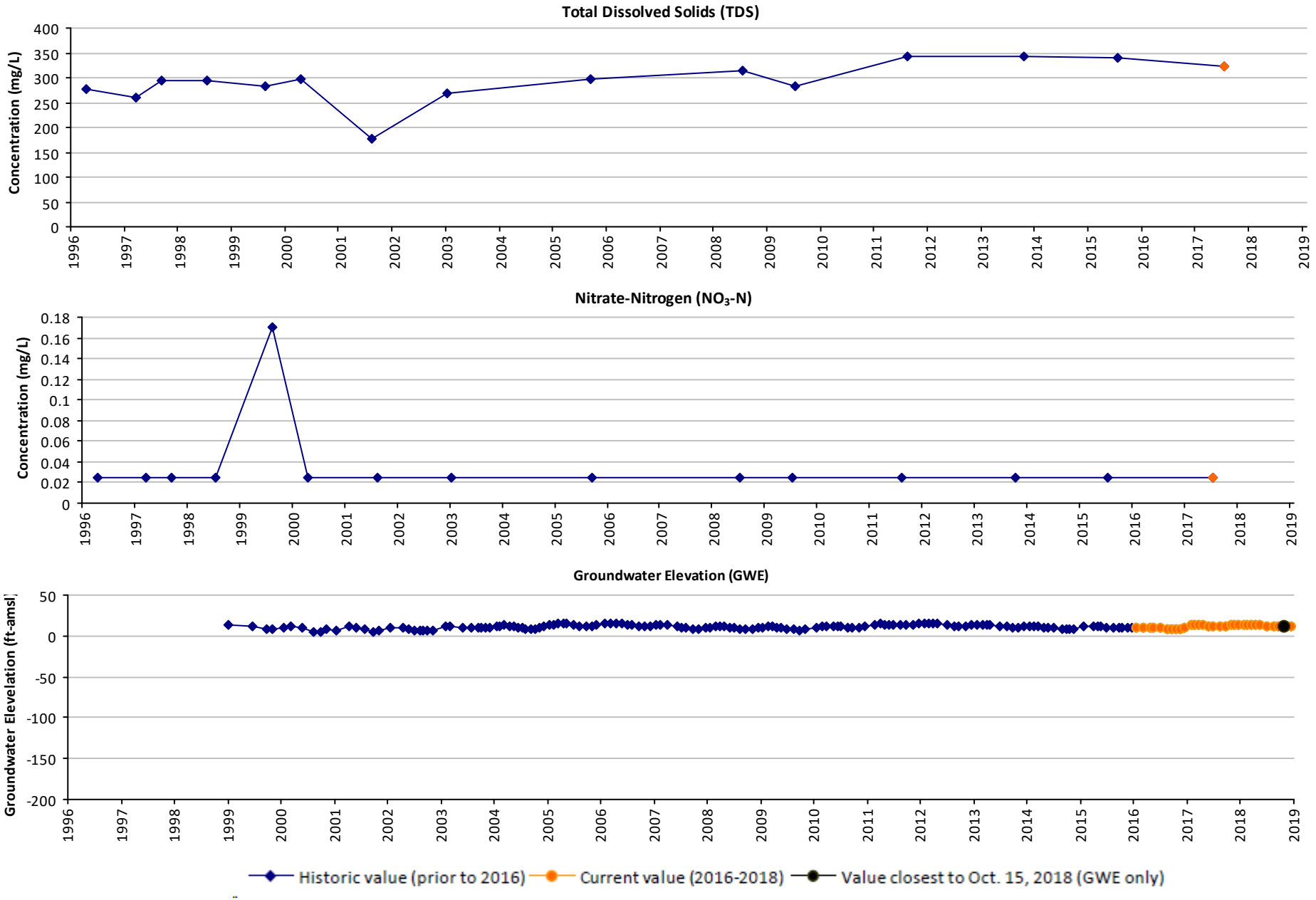


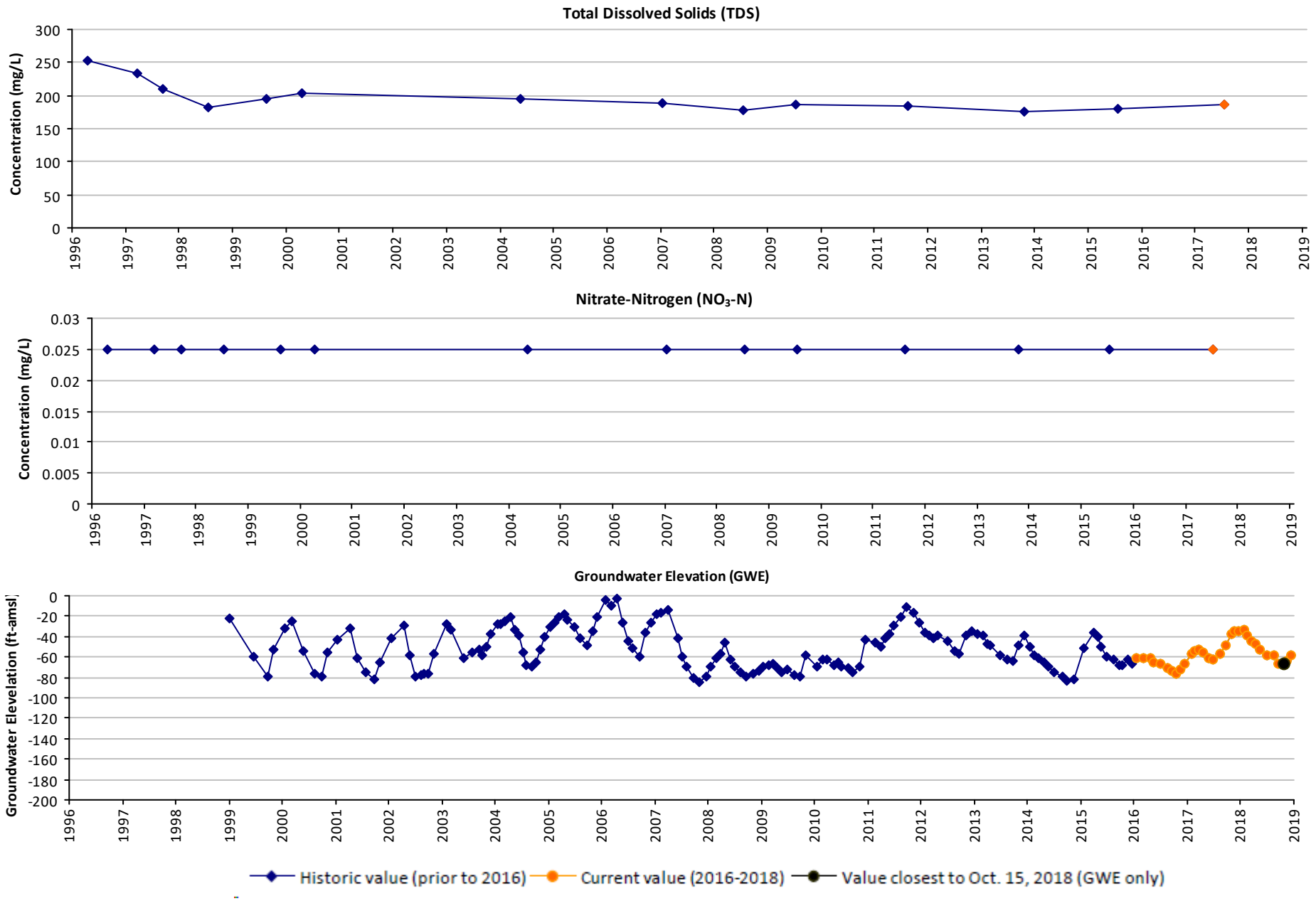
Total Dissolved Solids (TDS)

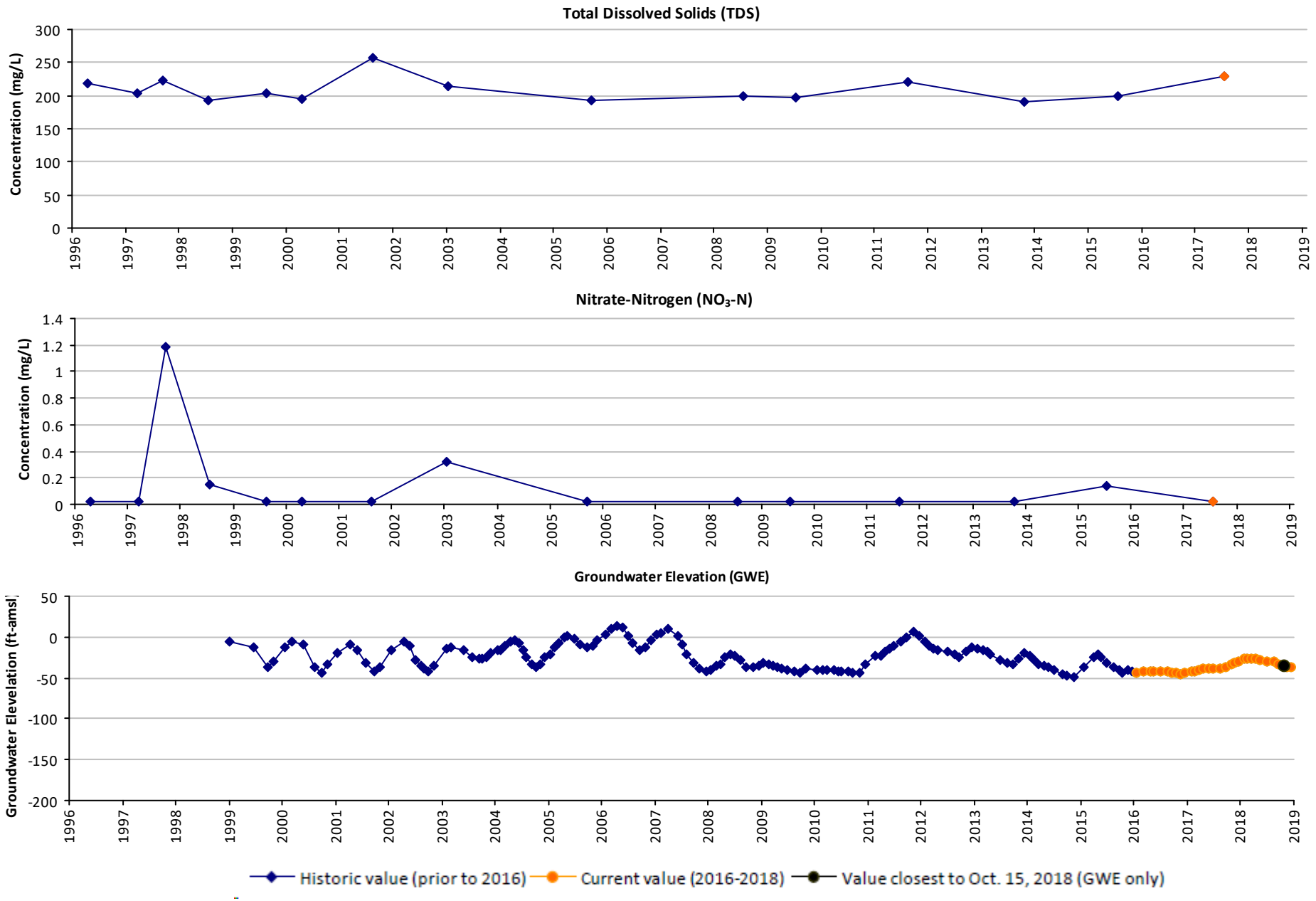
Nitrate-Nitrogen (NO_3-N)

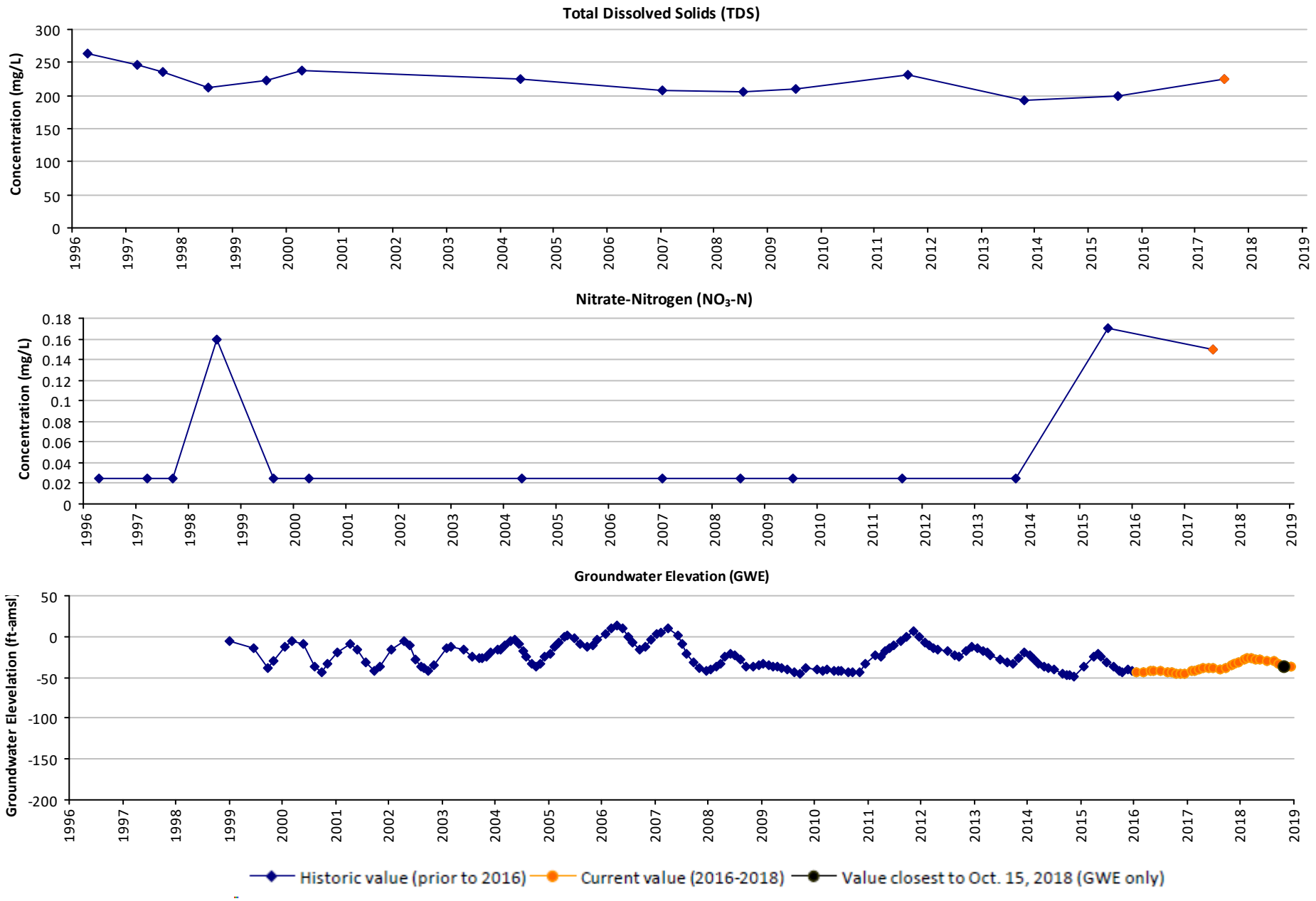
Groundwater Elevation (GWE)

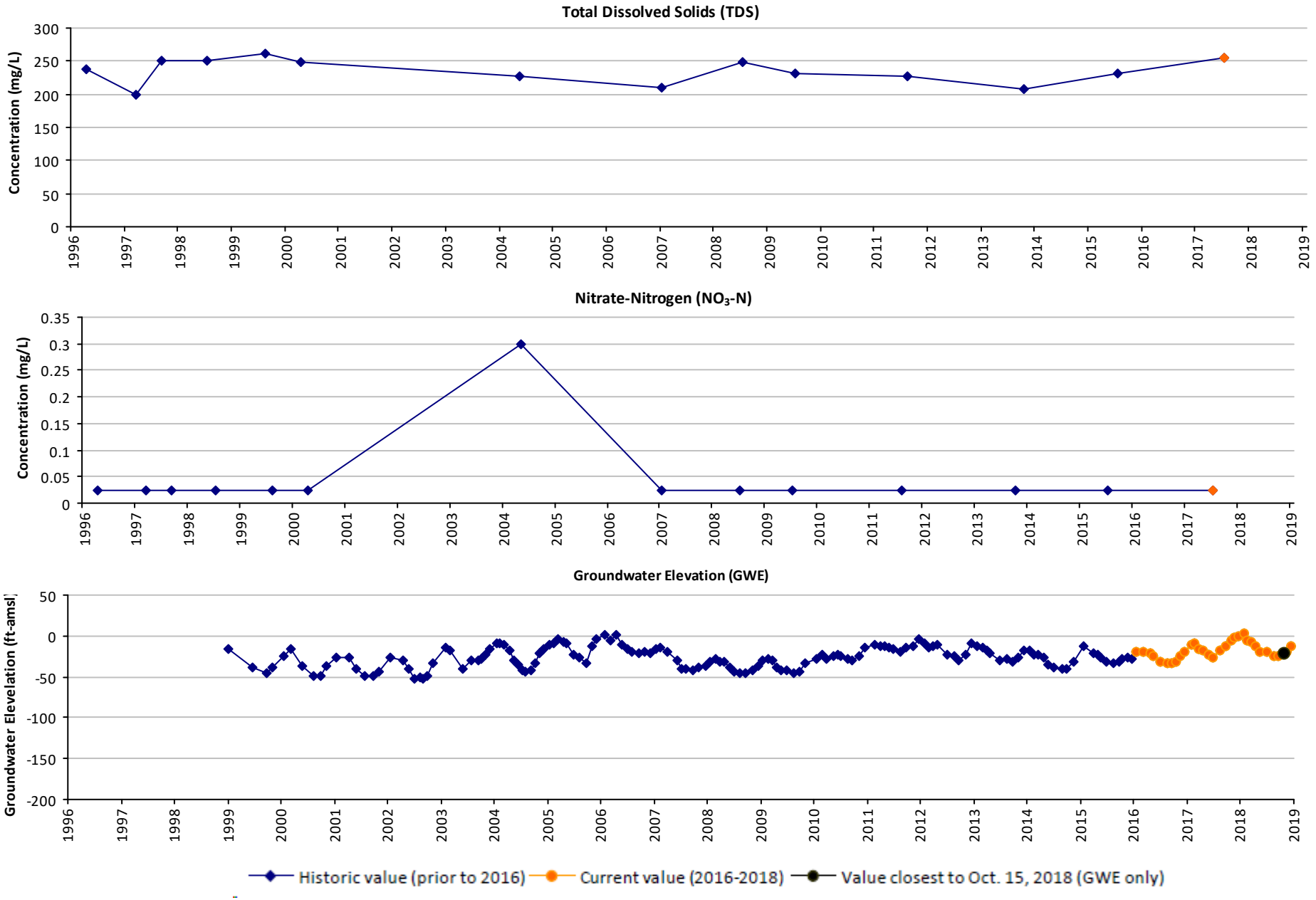


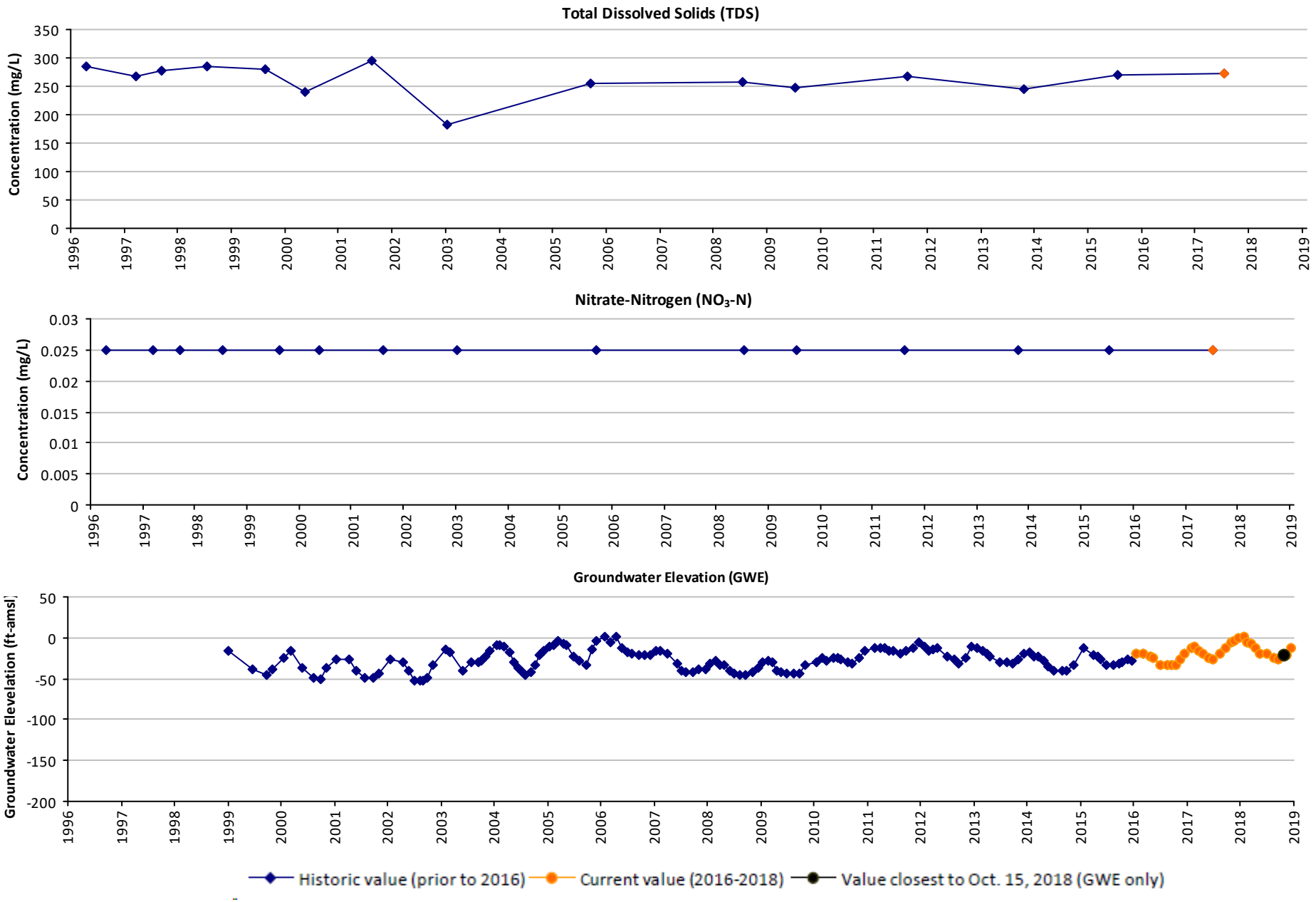

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

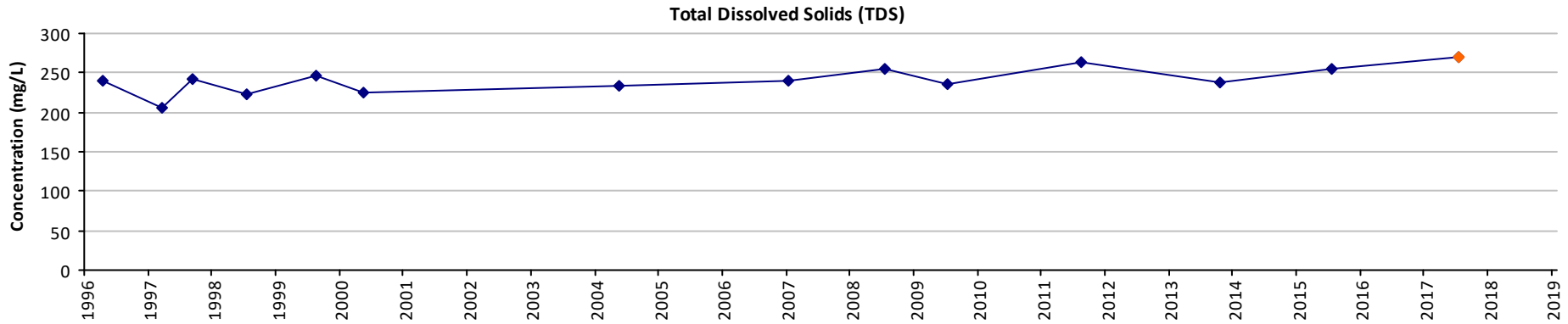

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

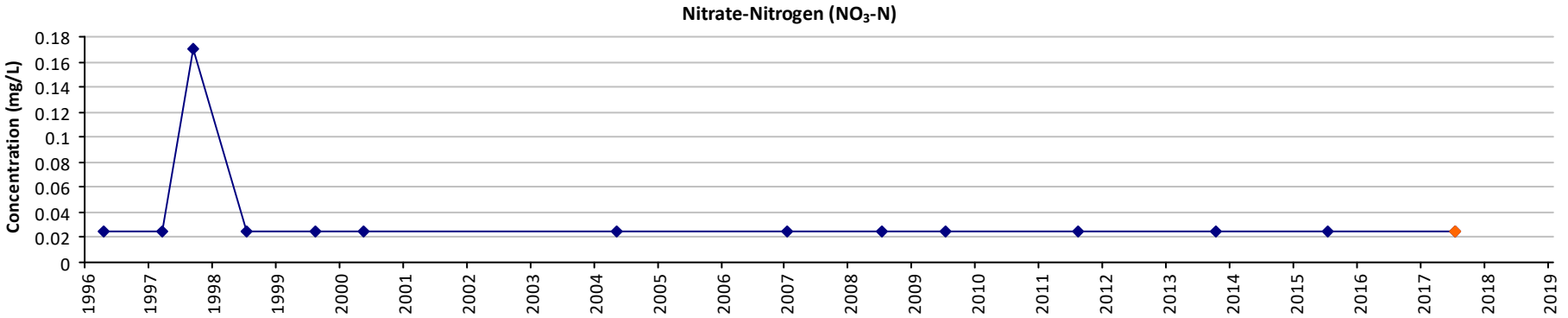

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

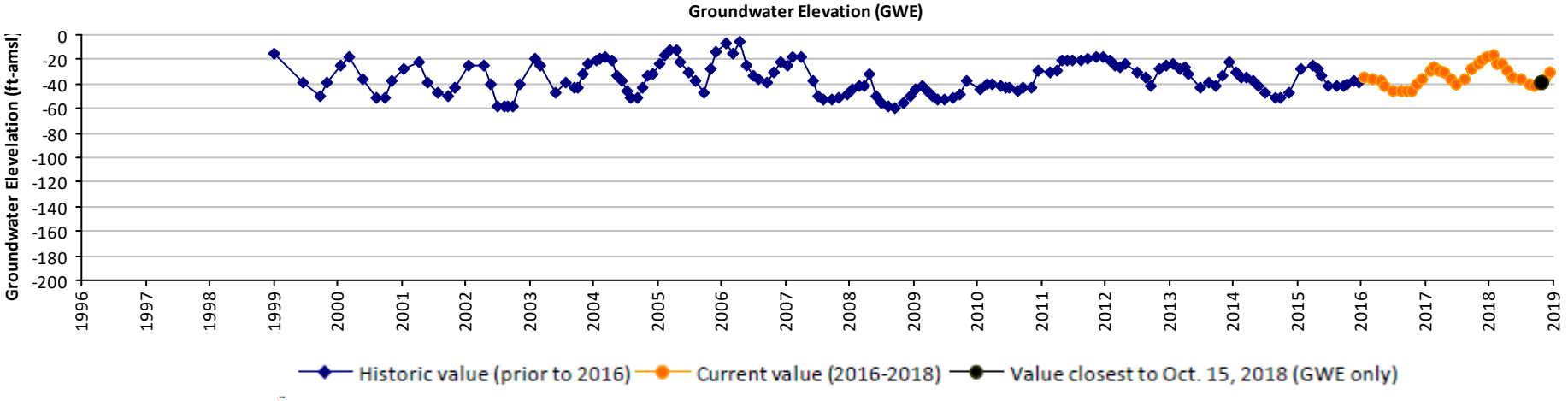

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

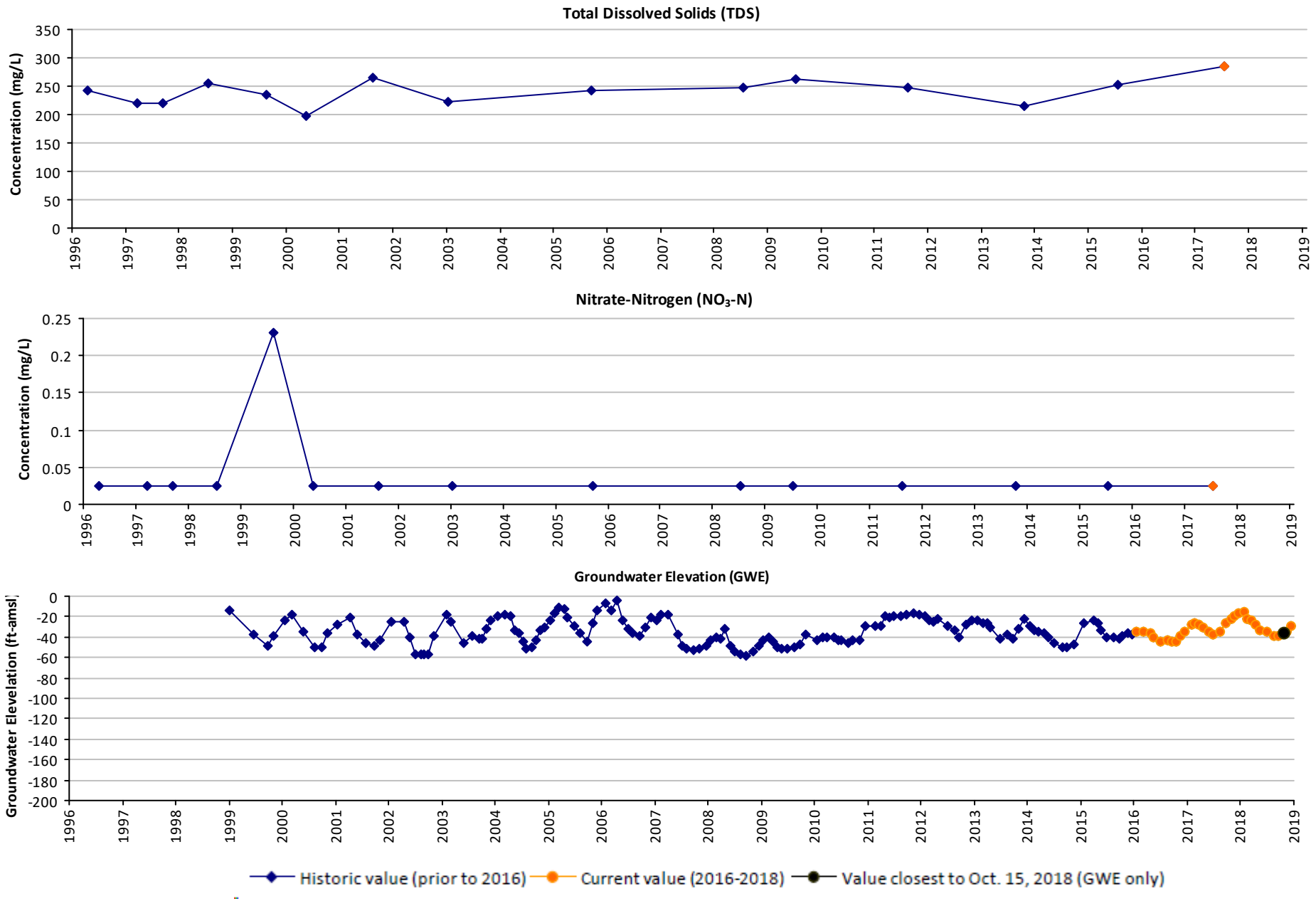

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

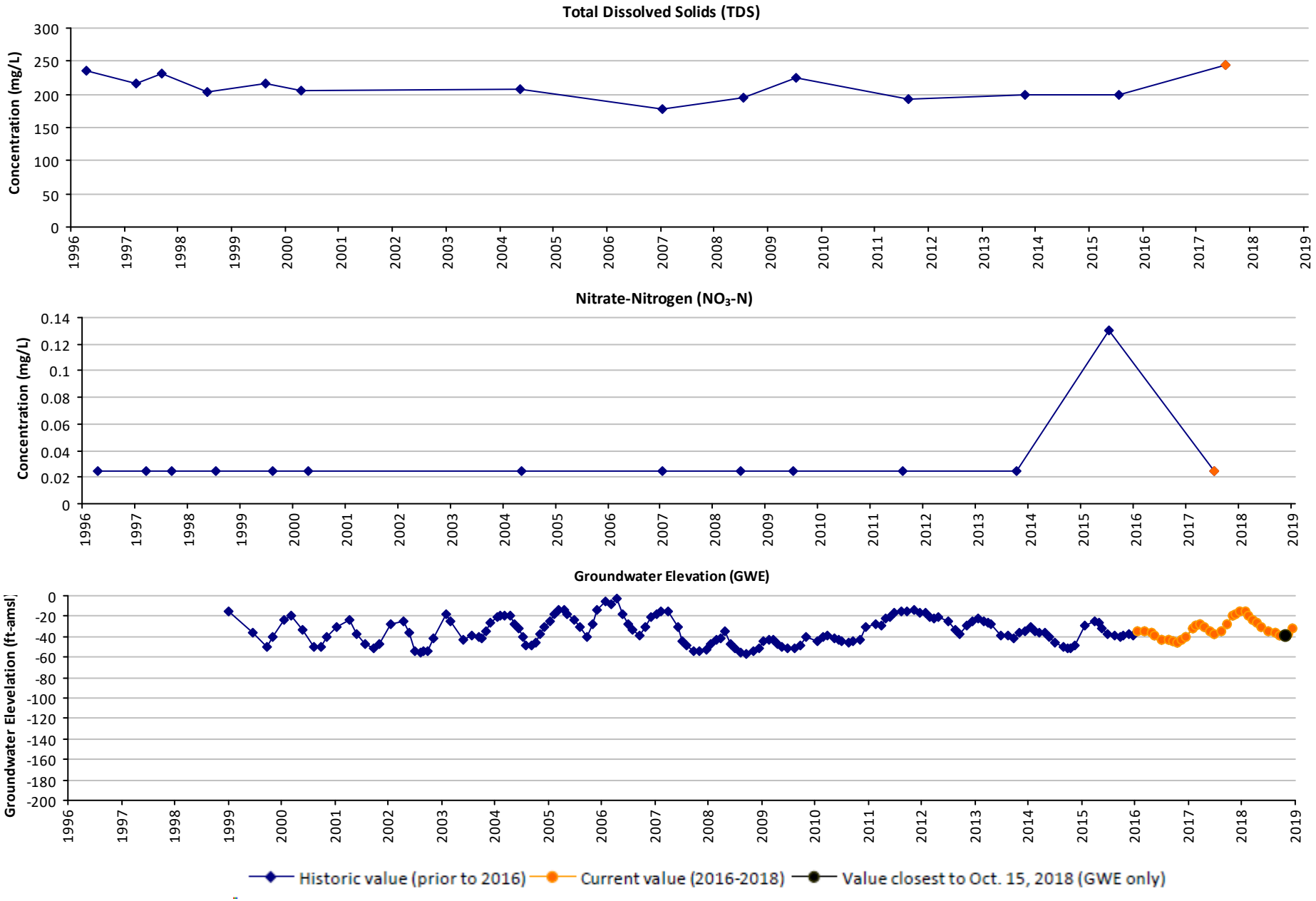

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

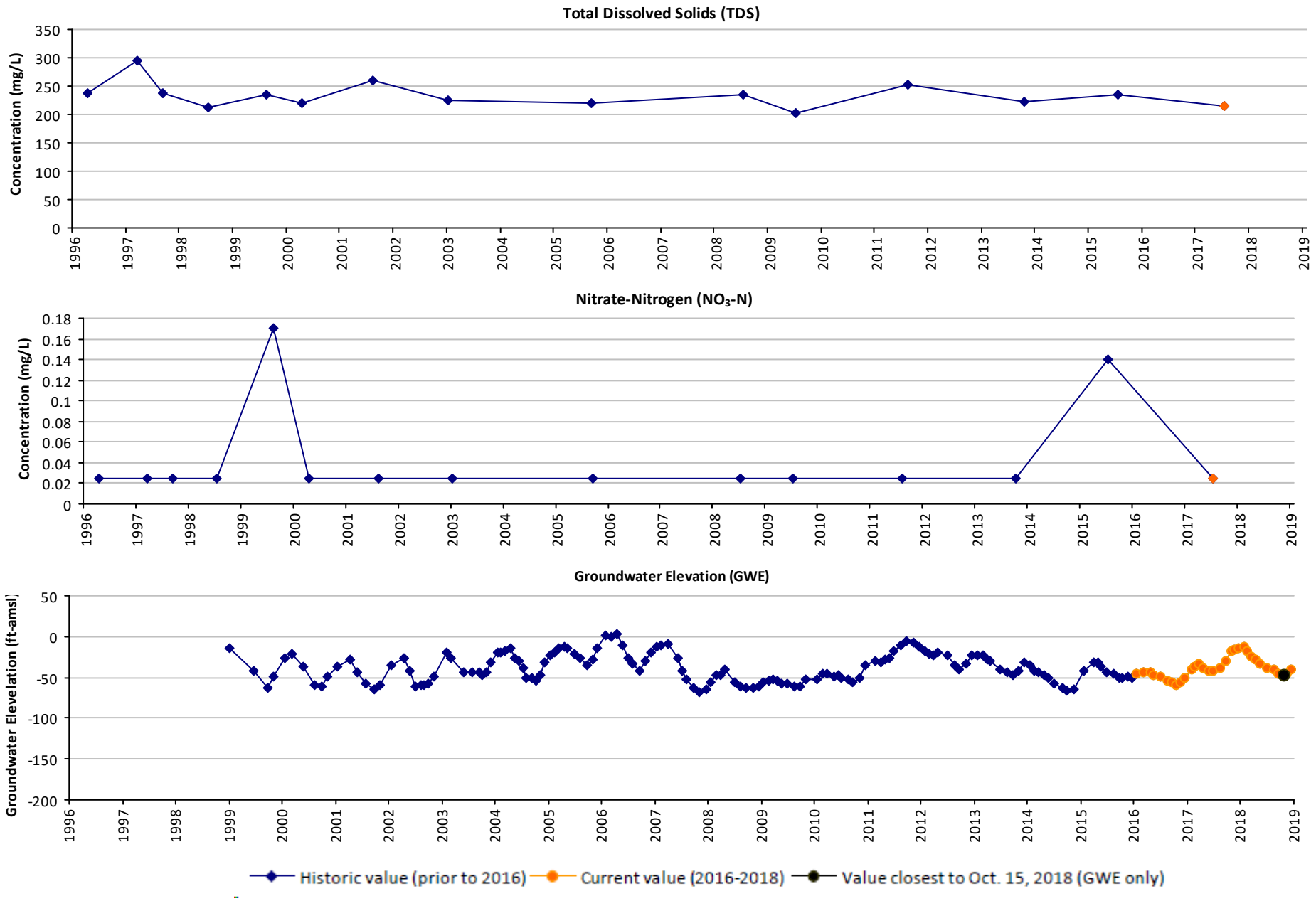

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

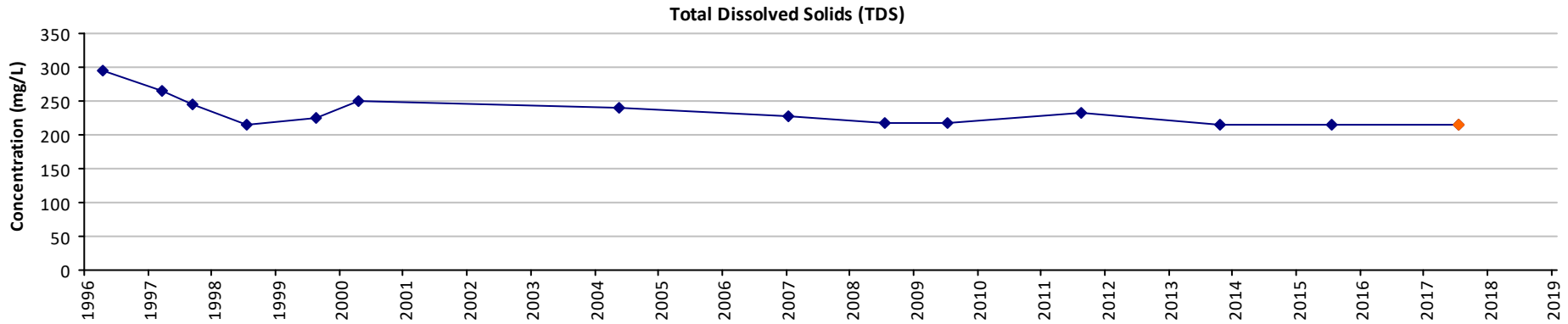

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

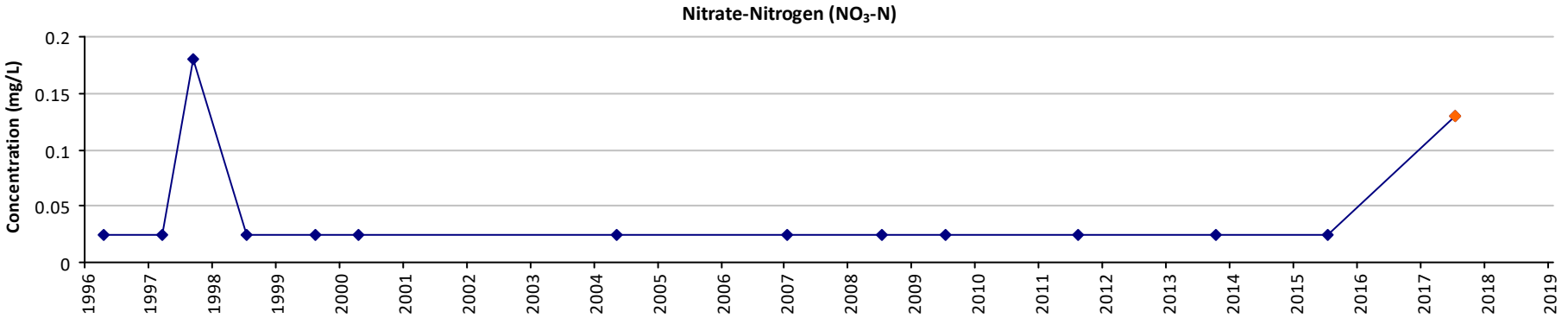

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

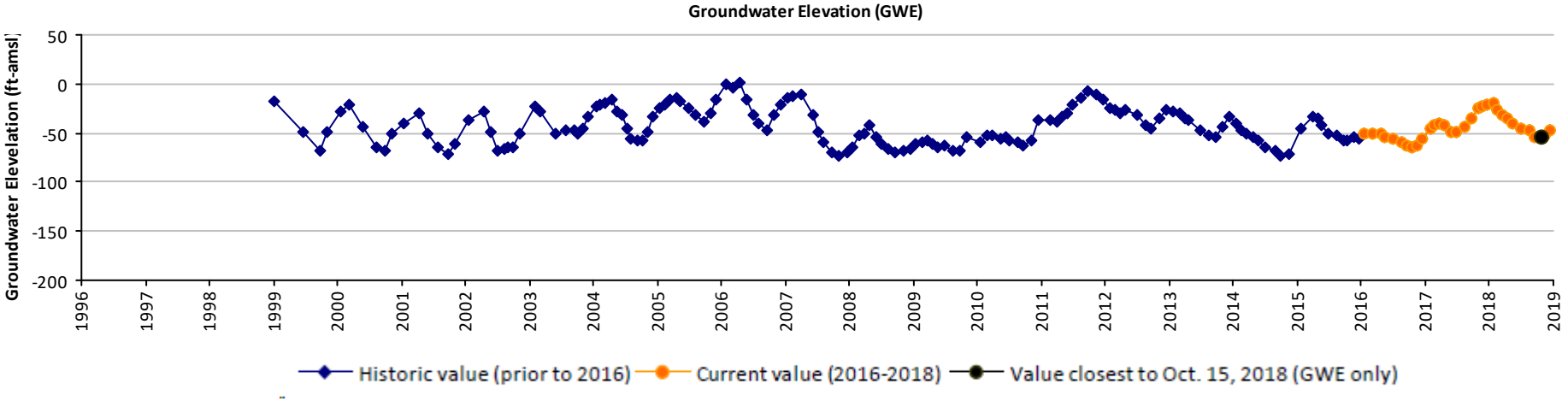

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

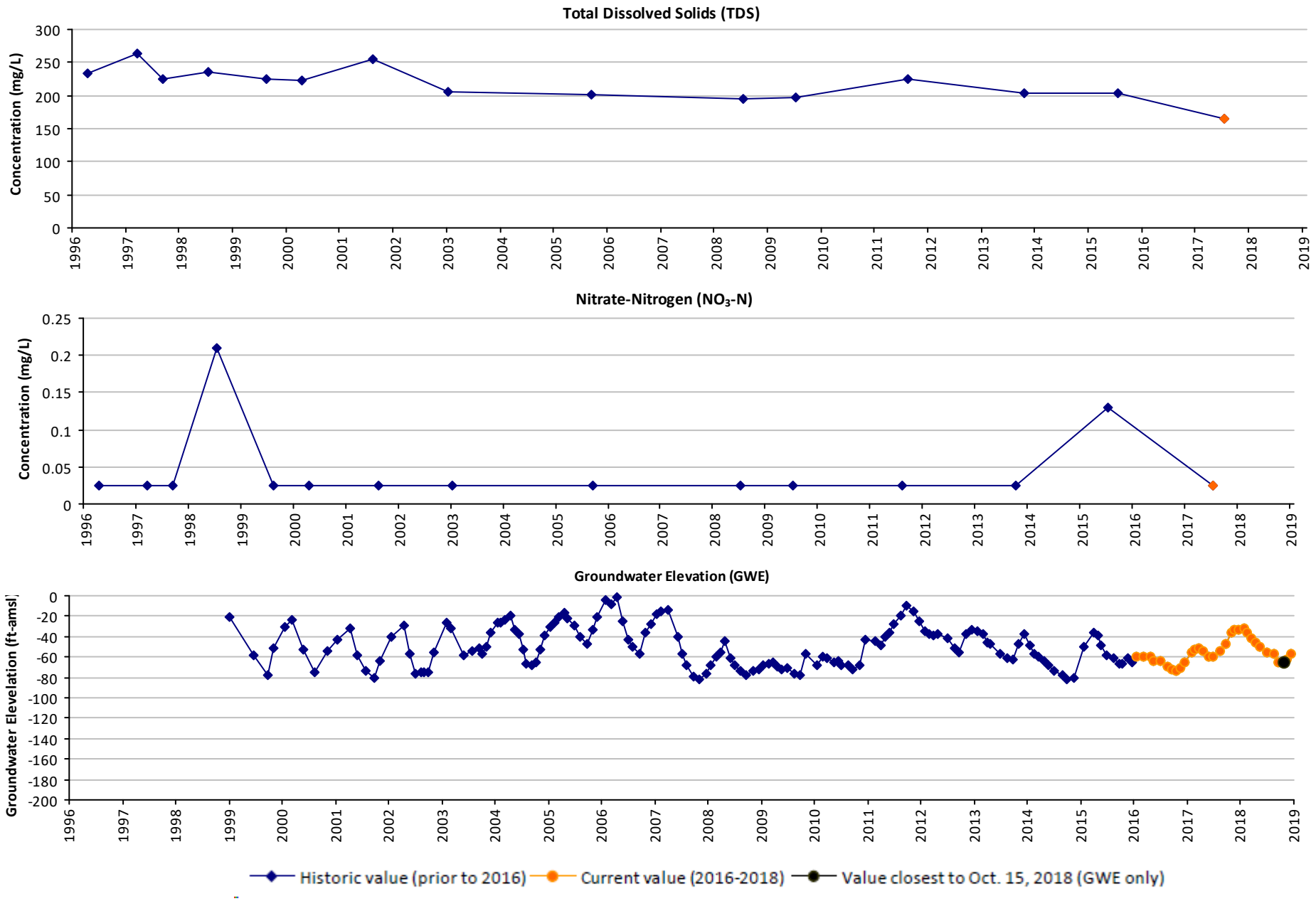

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

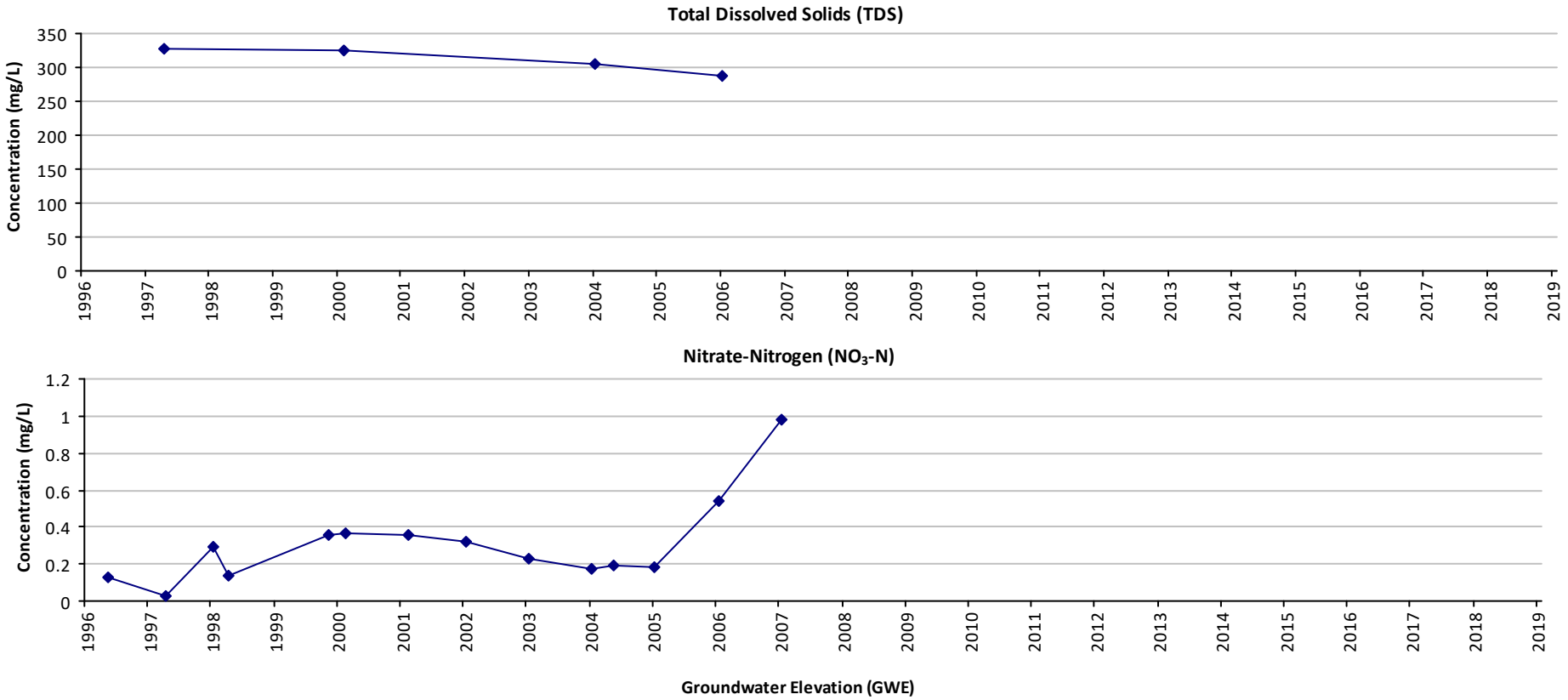

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

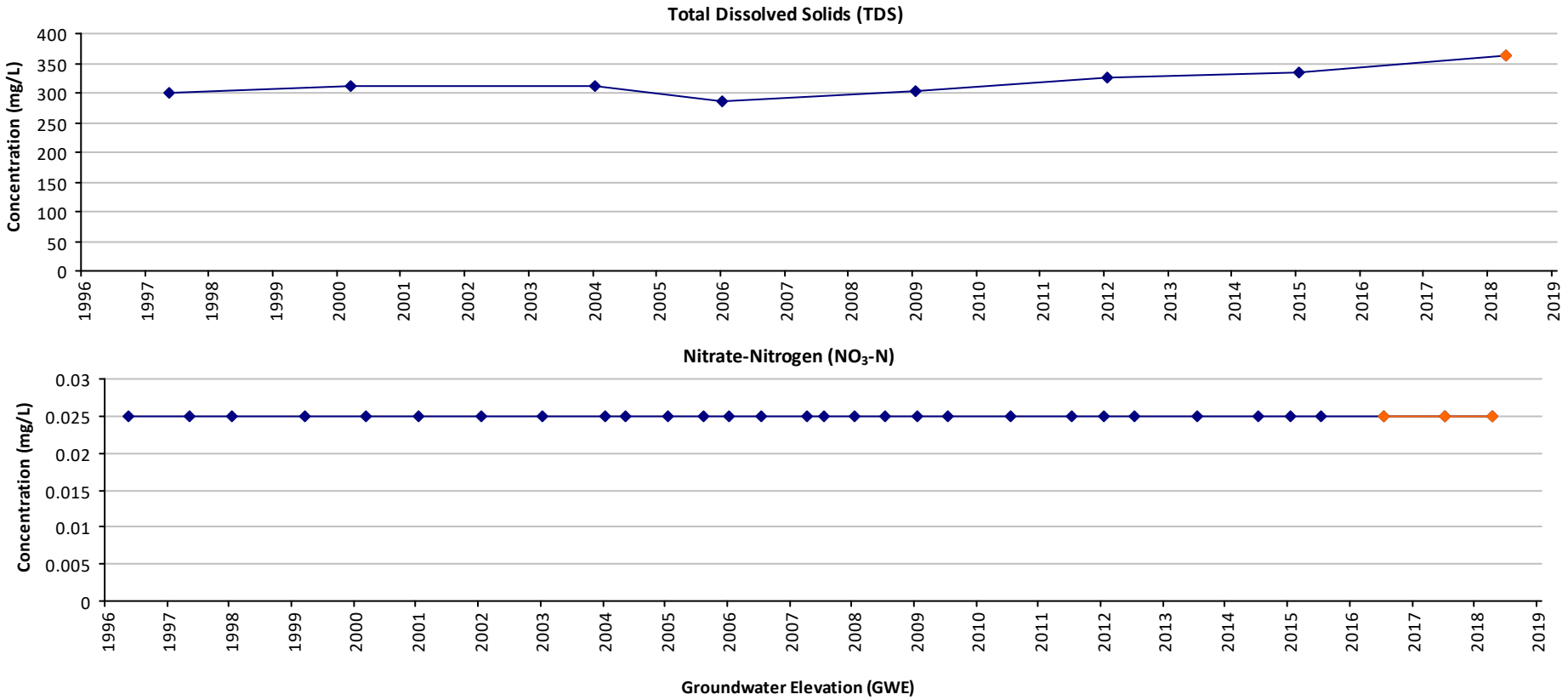

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

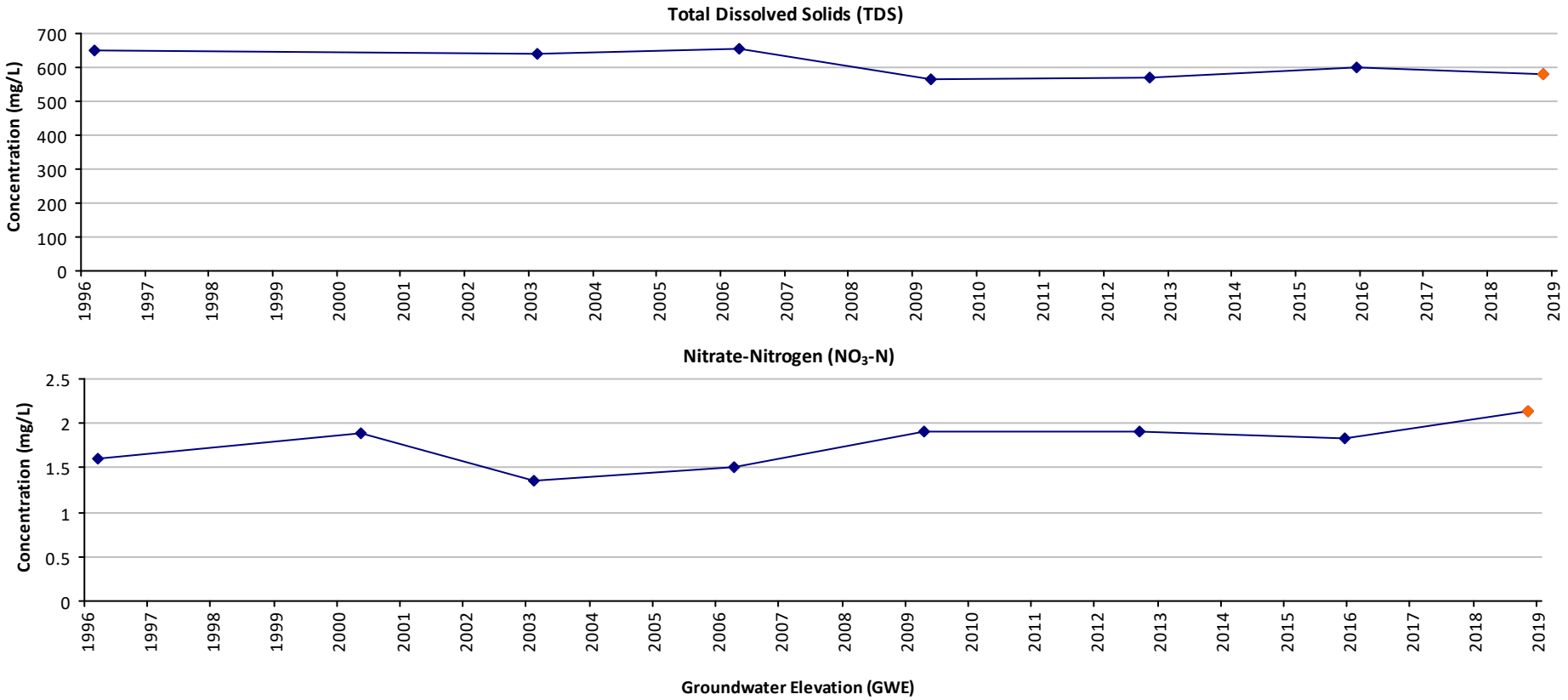

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

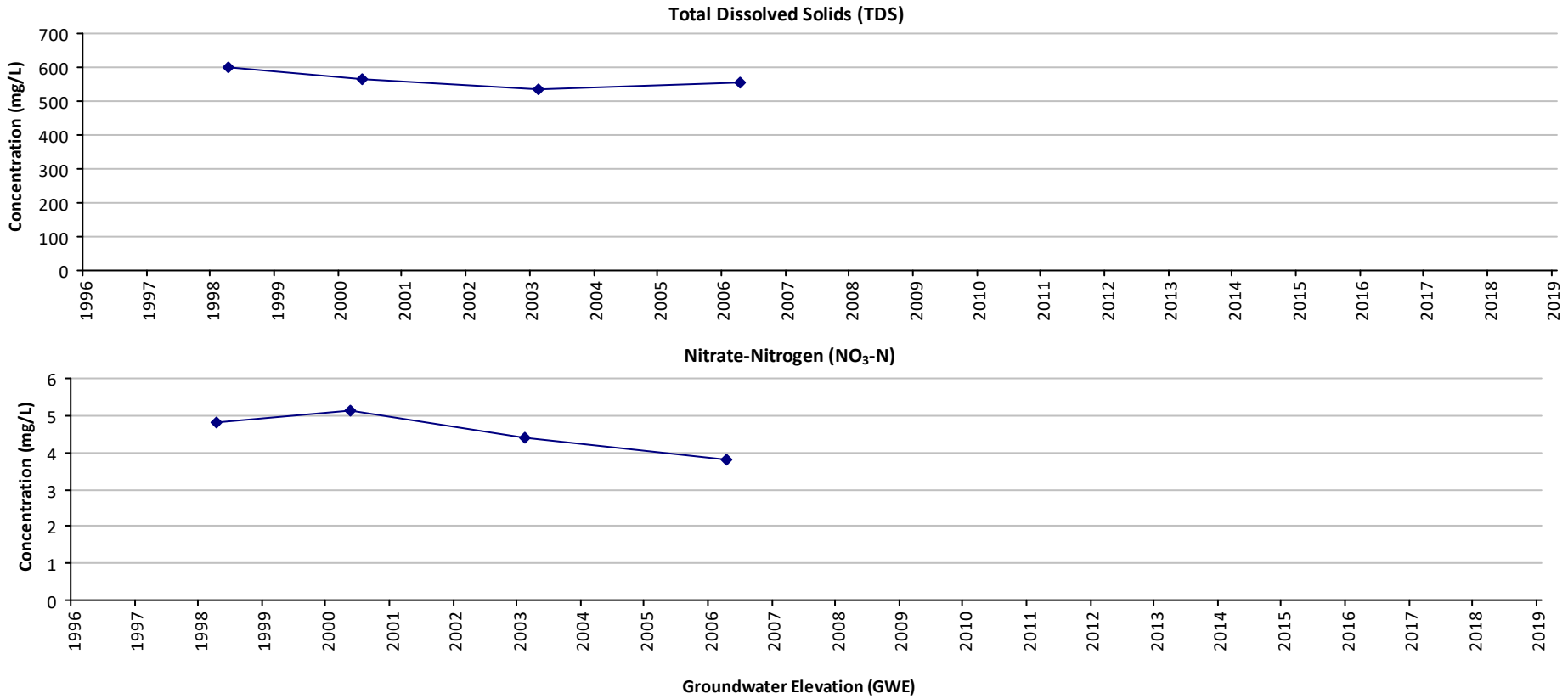

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

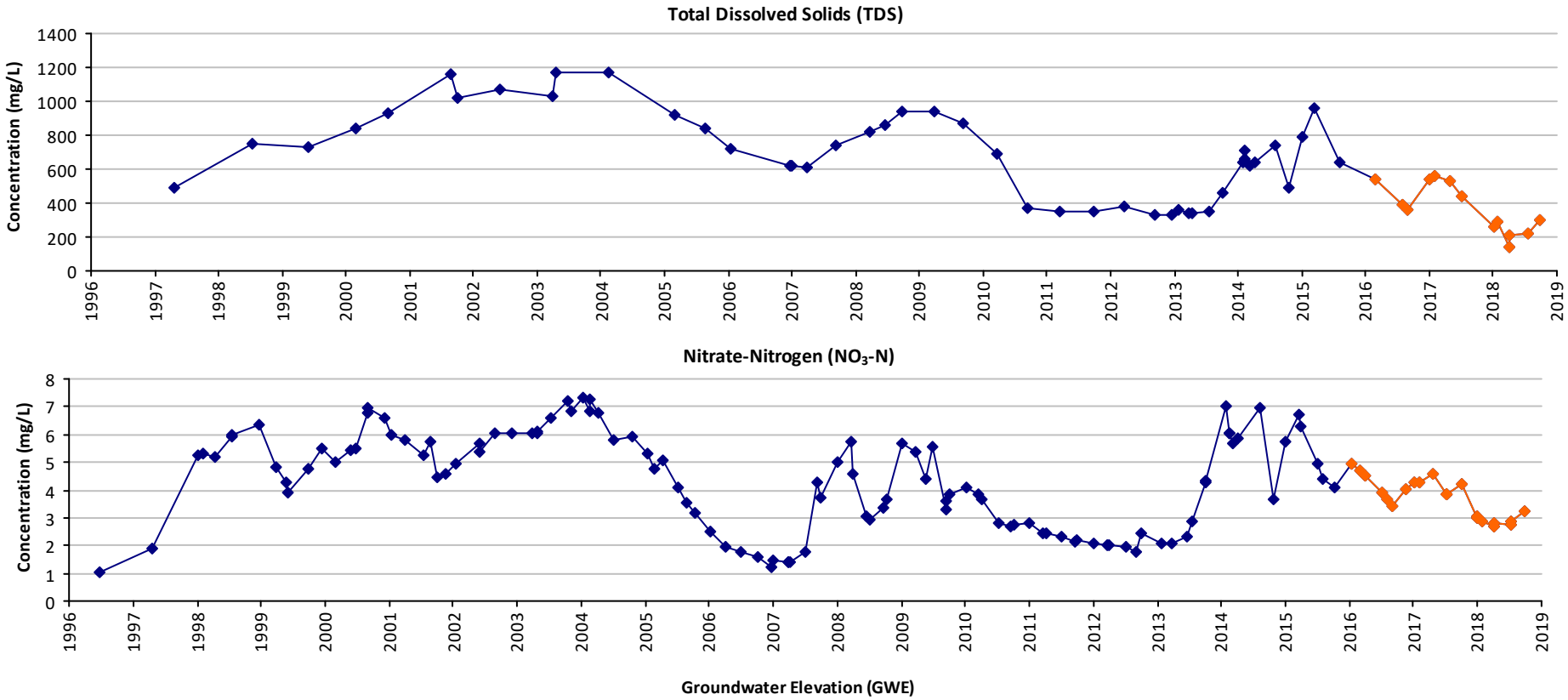

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

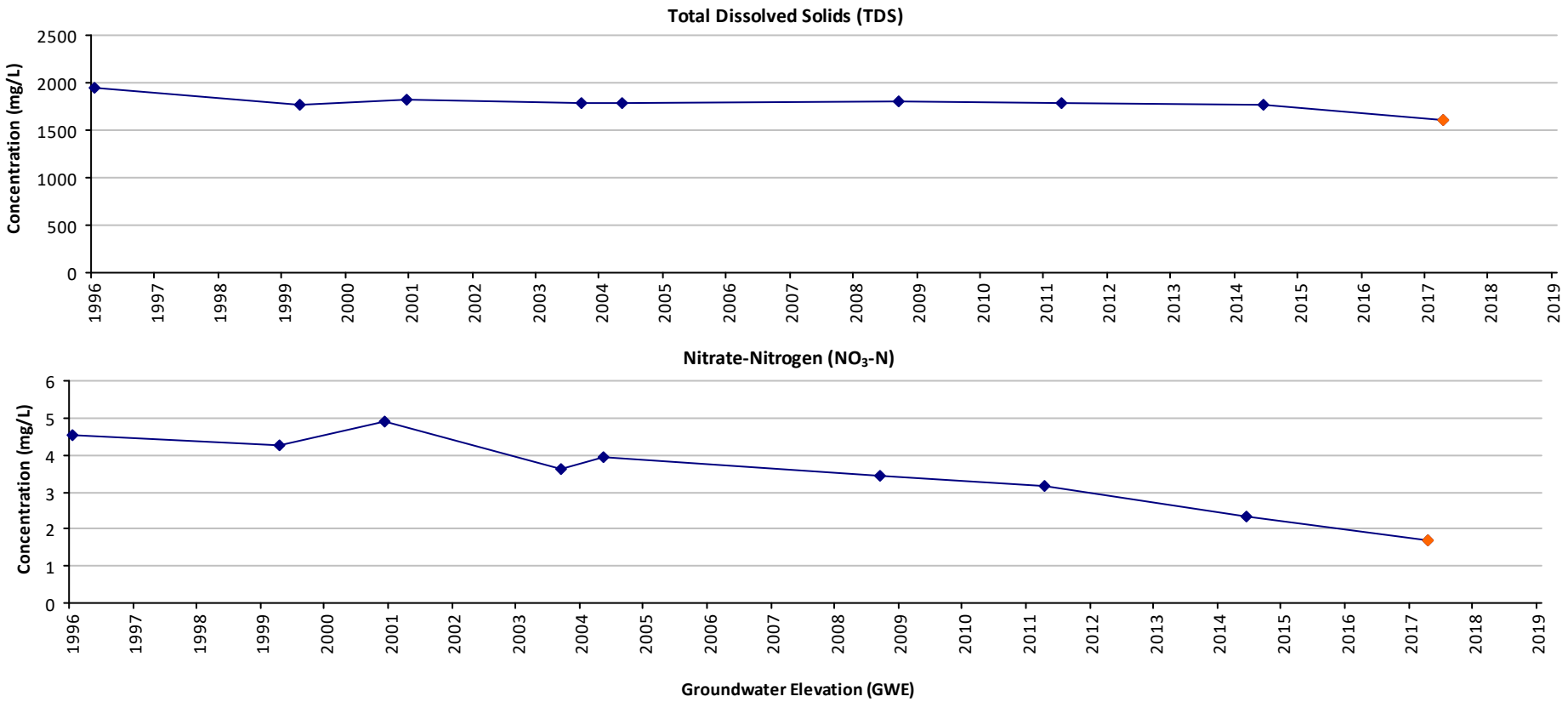

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

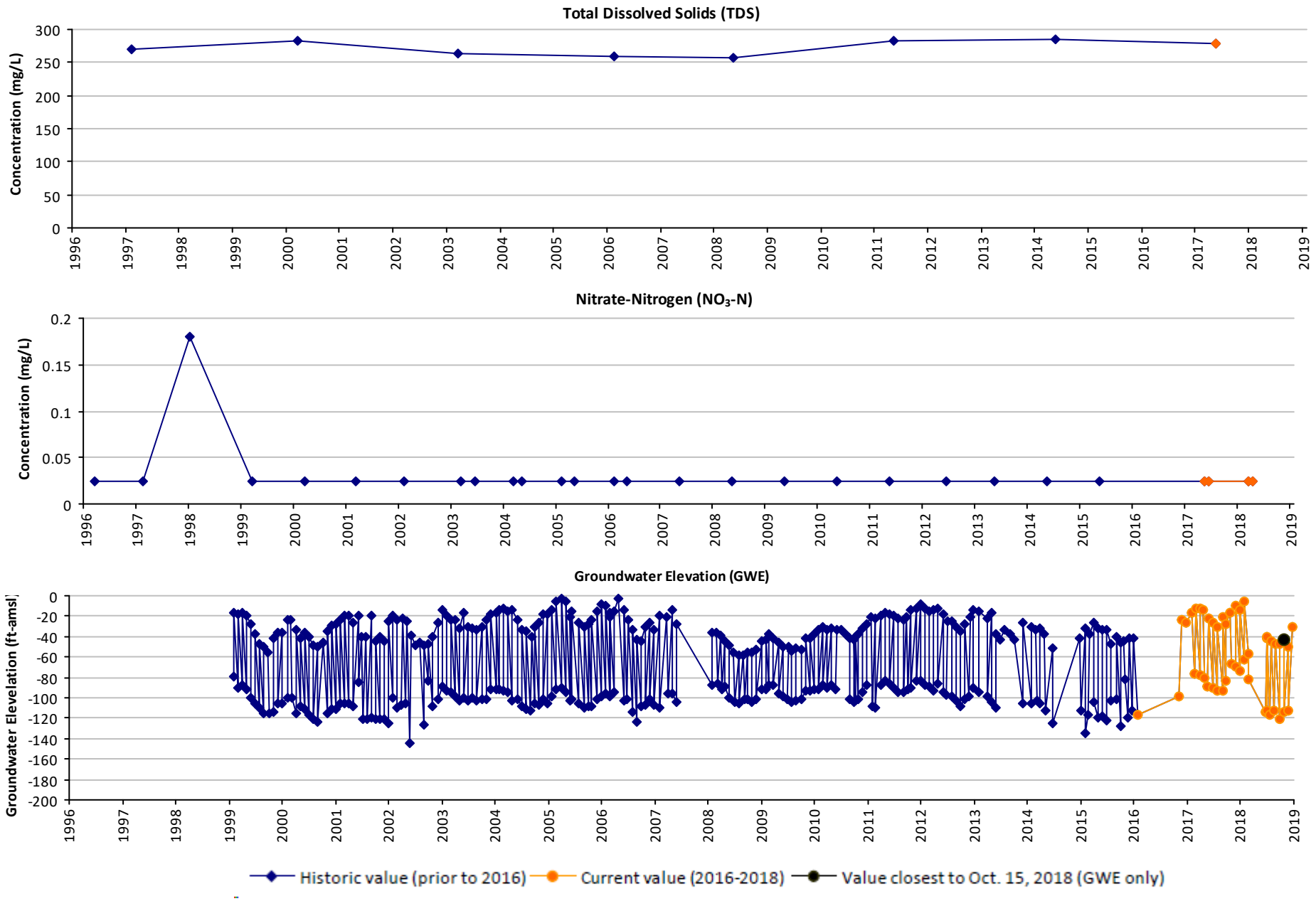

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

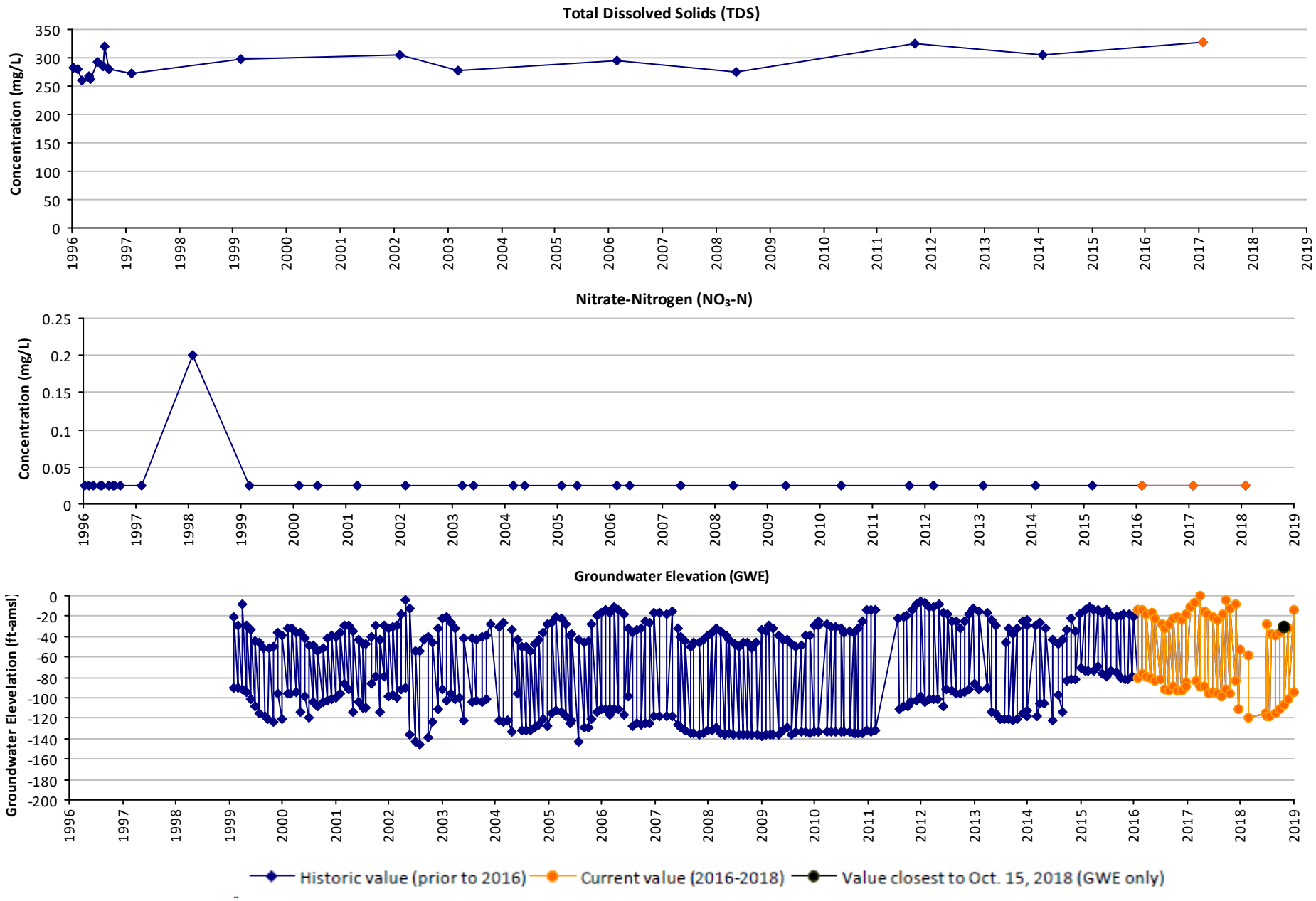


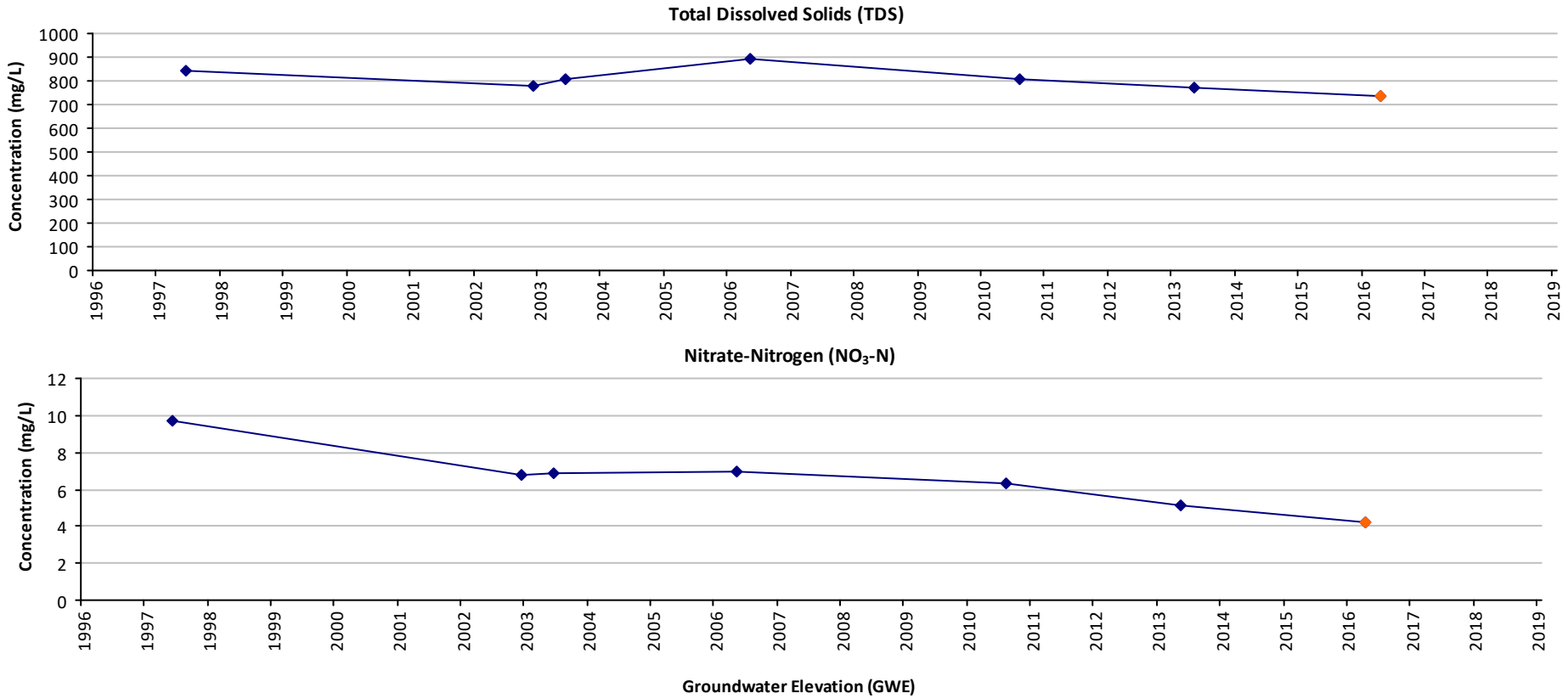
Groundwater Elevation (GWE)

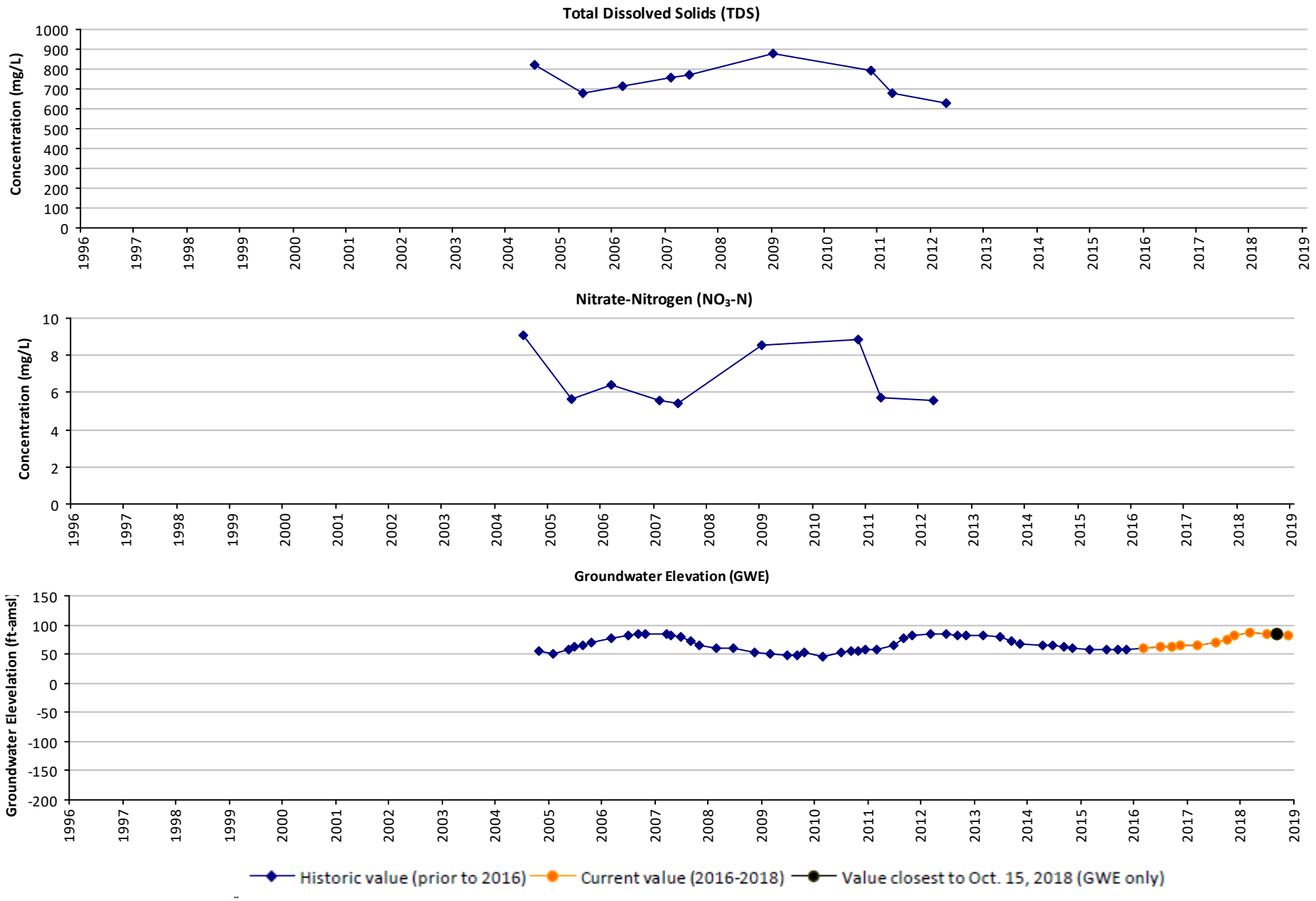
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

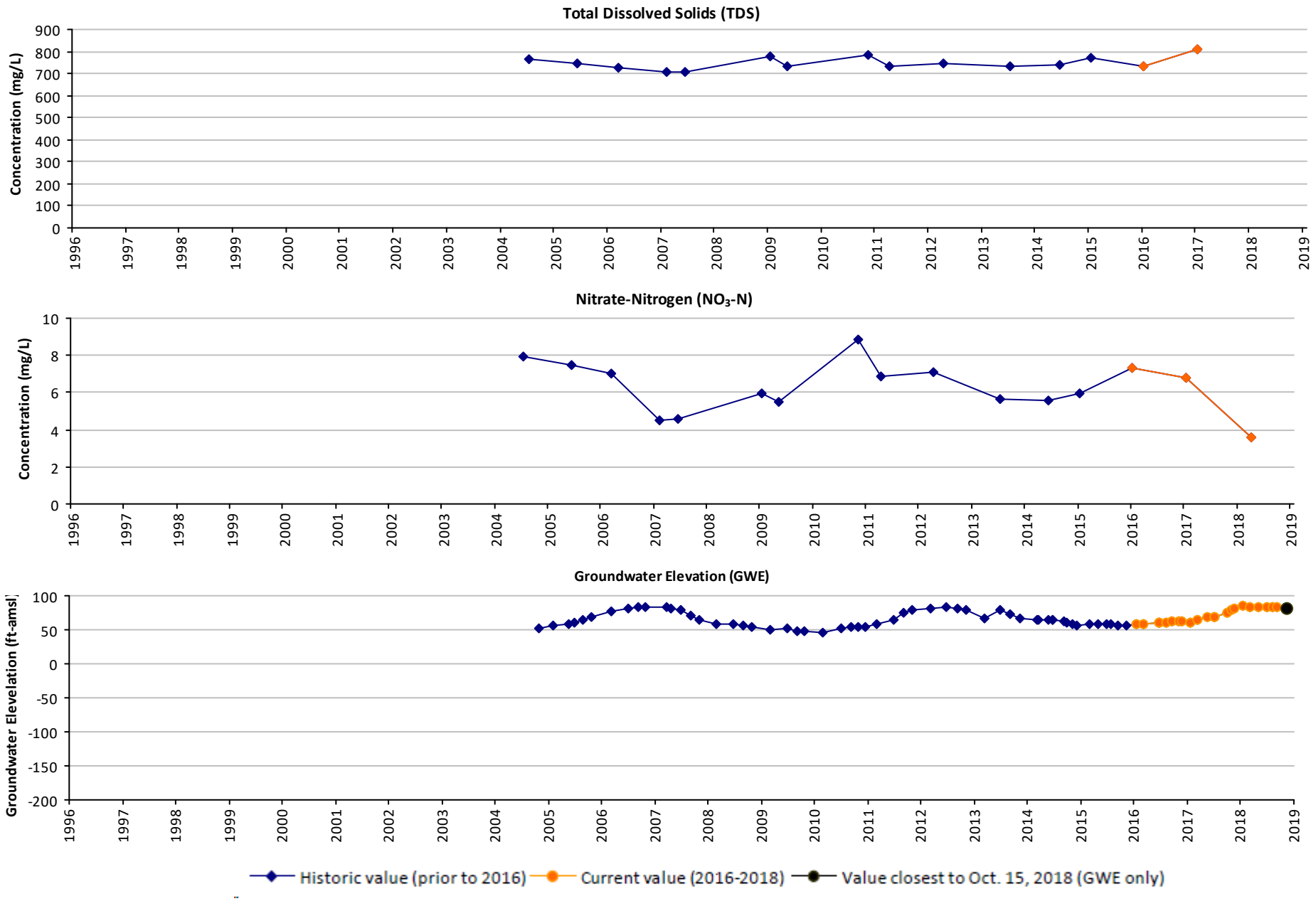

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

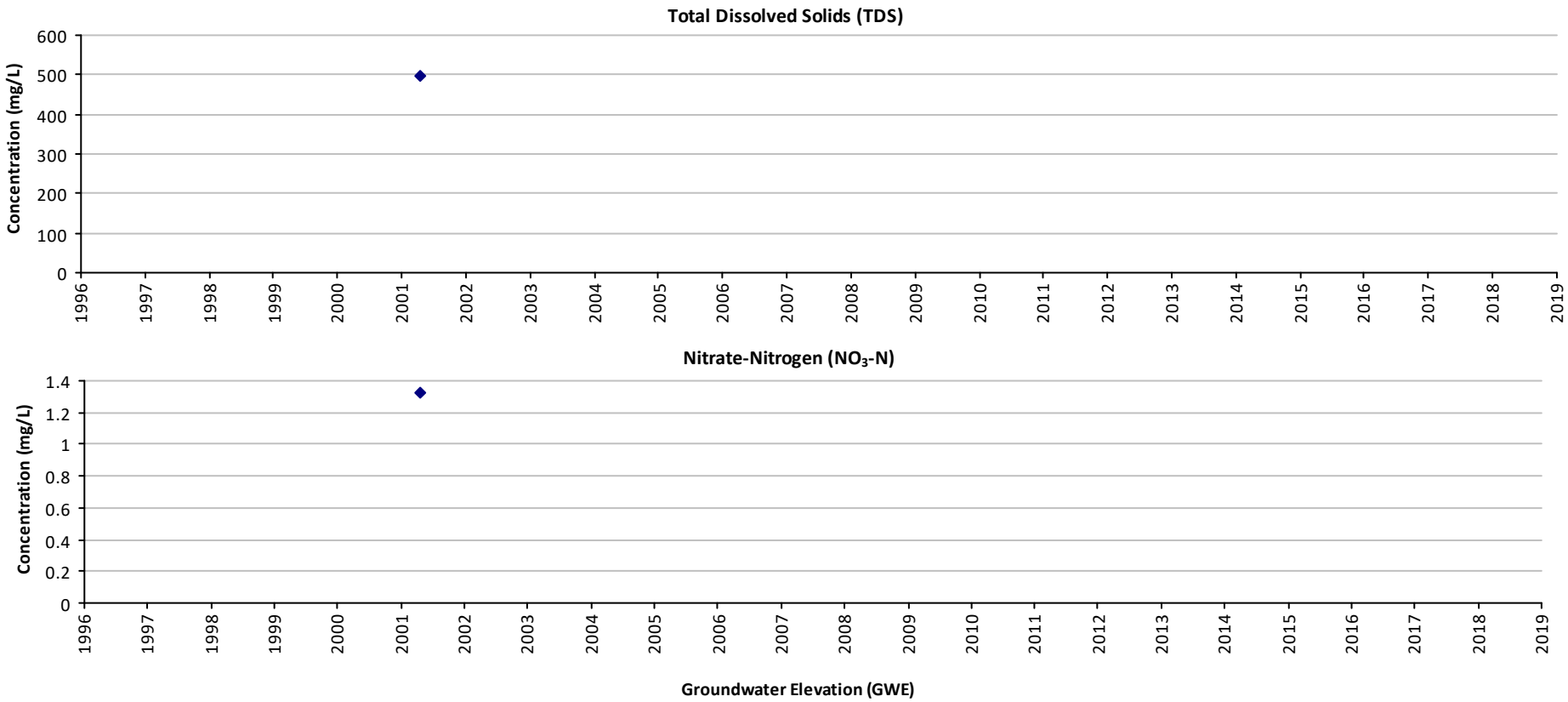

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

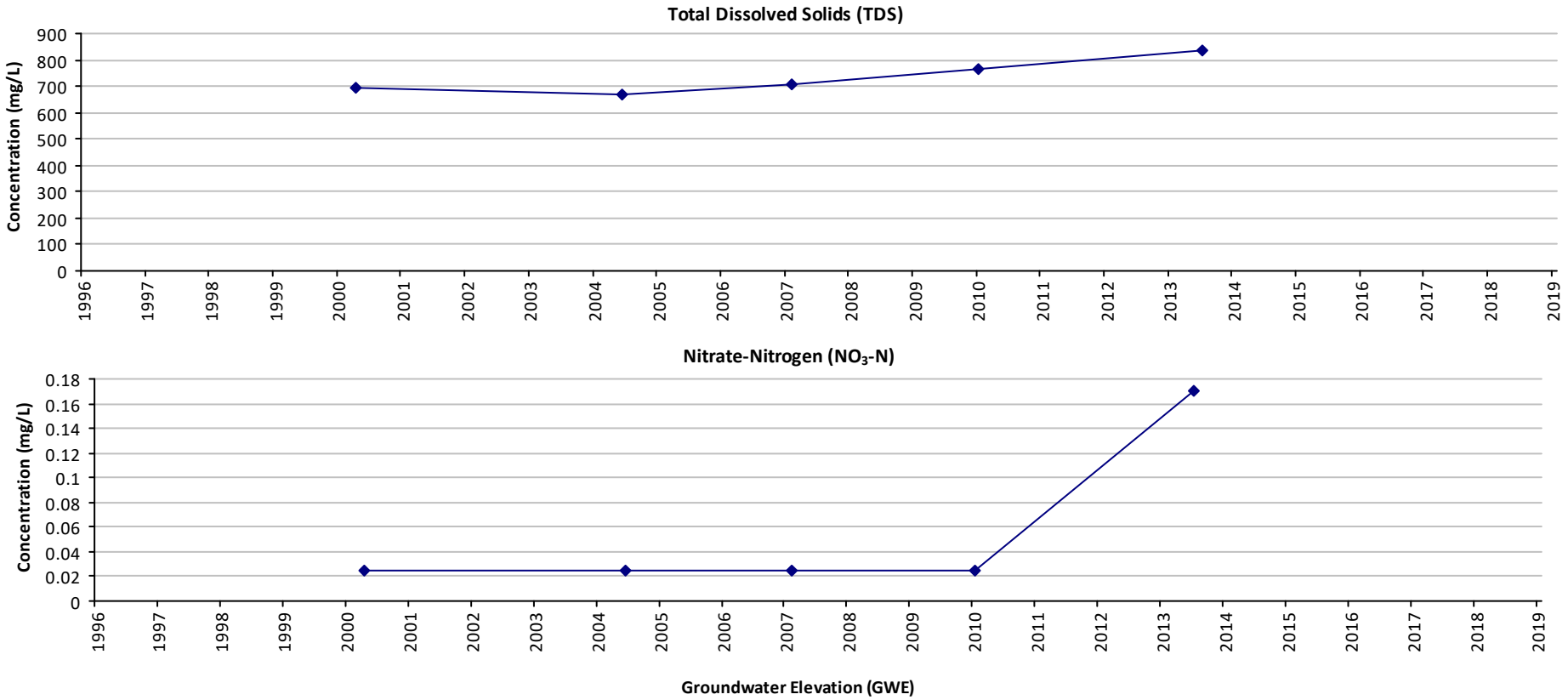

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

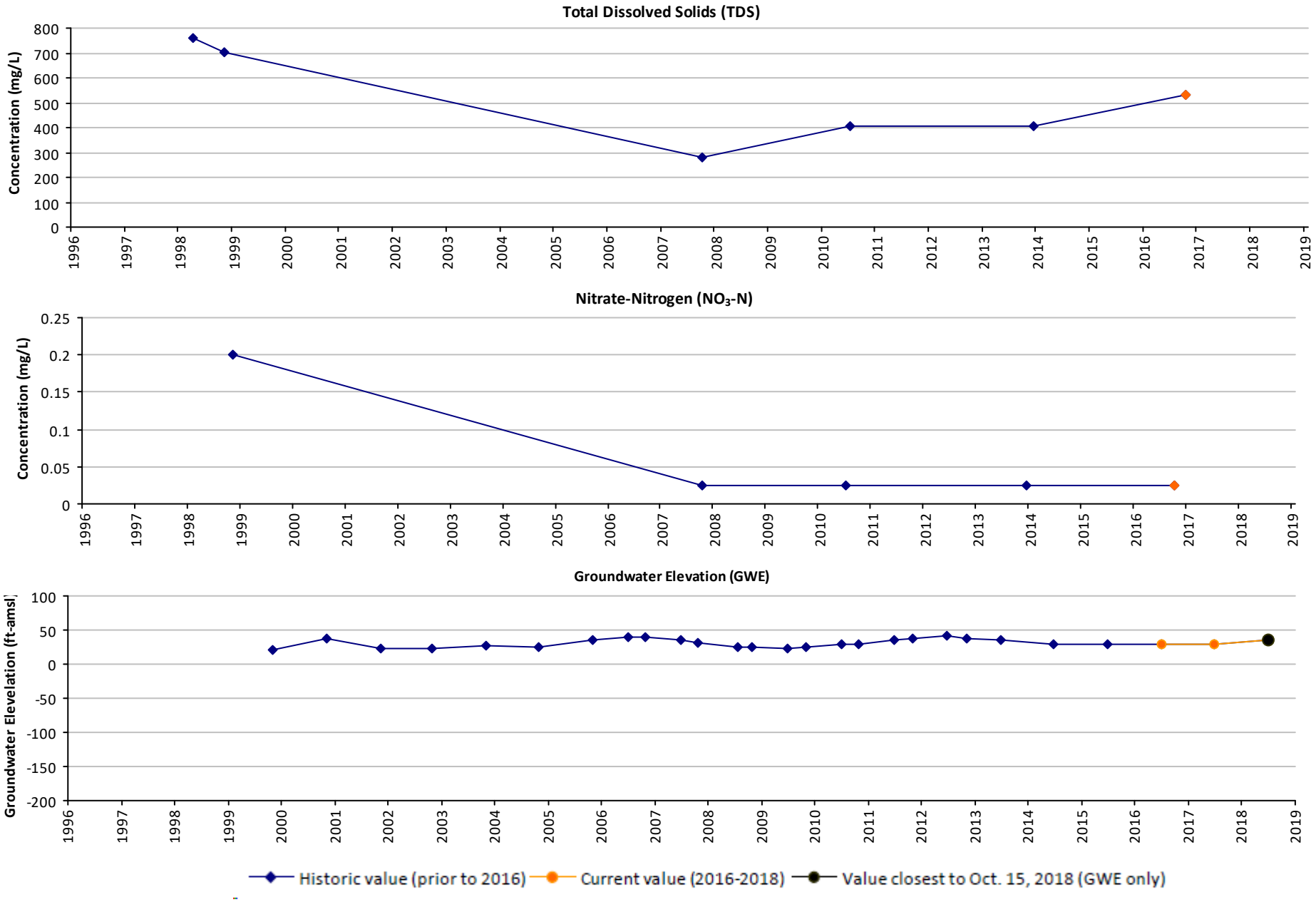

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

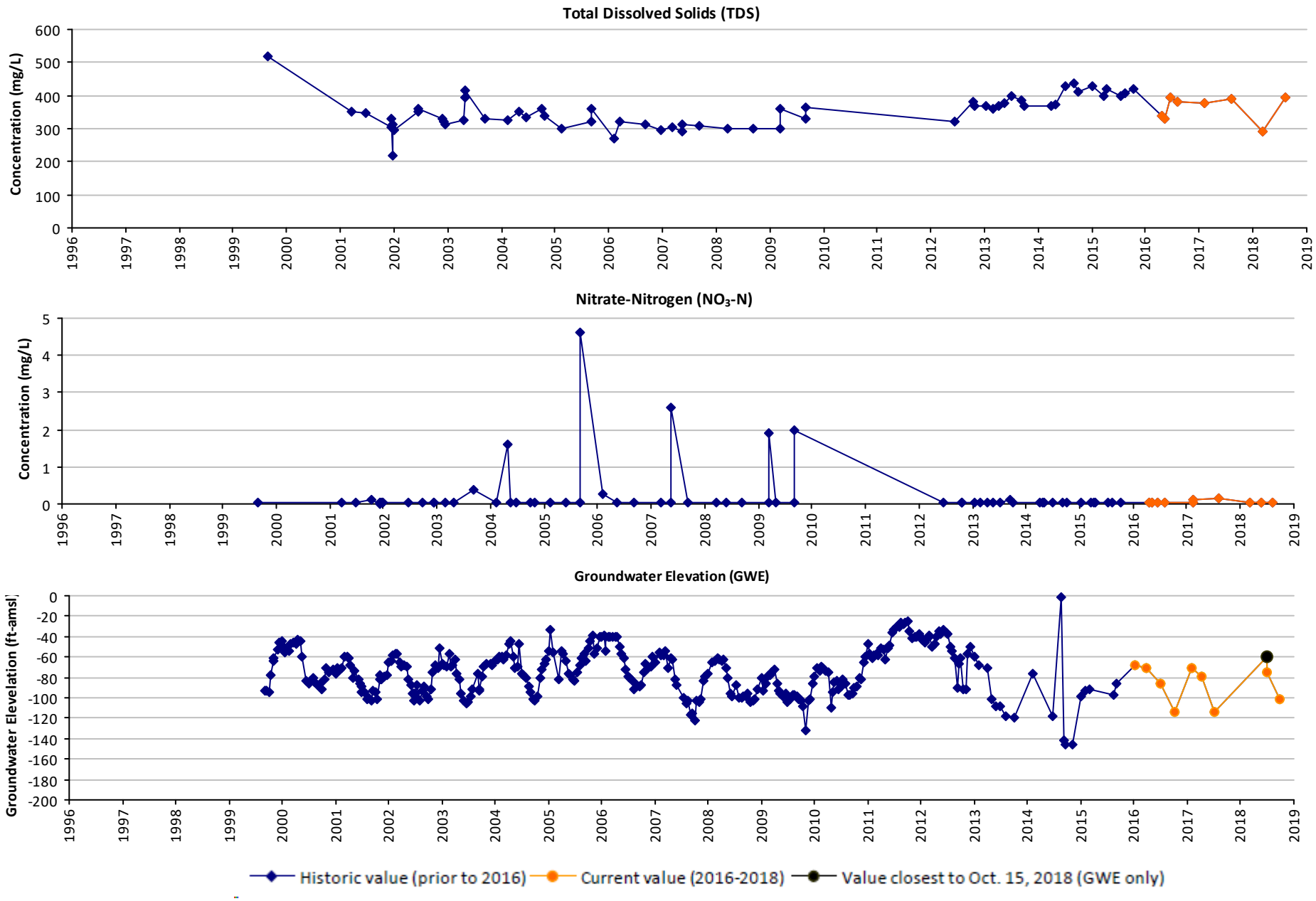

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

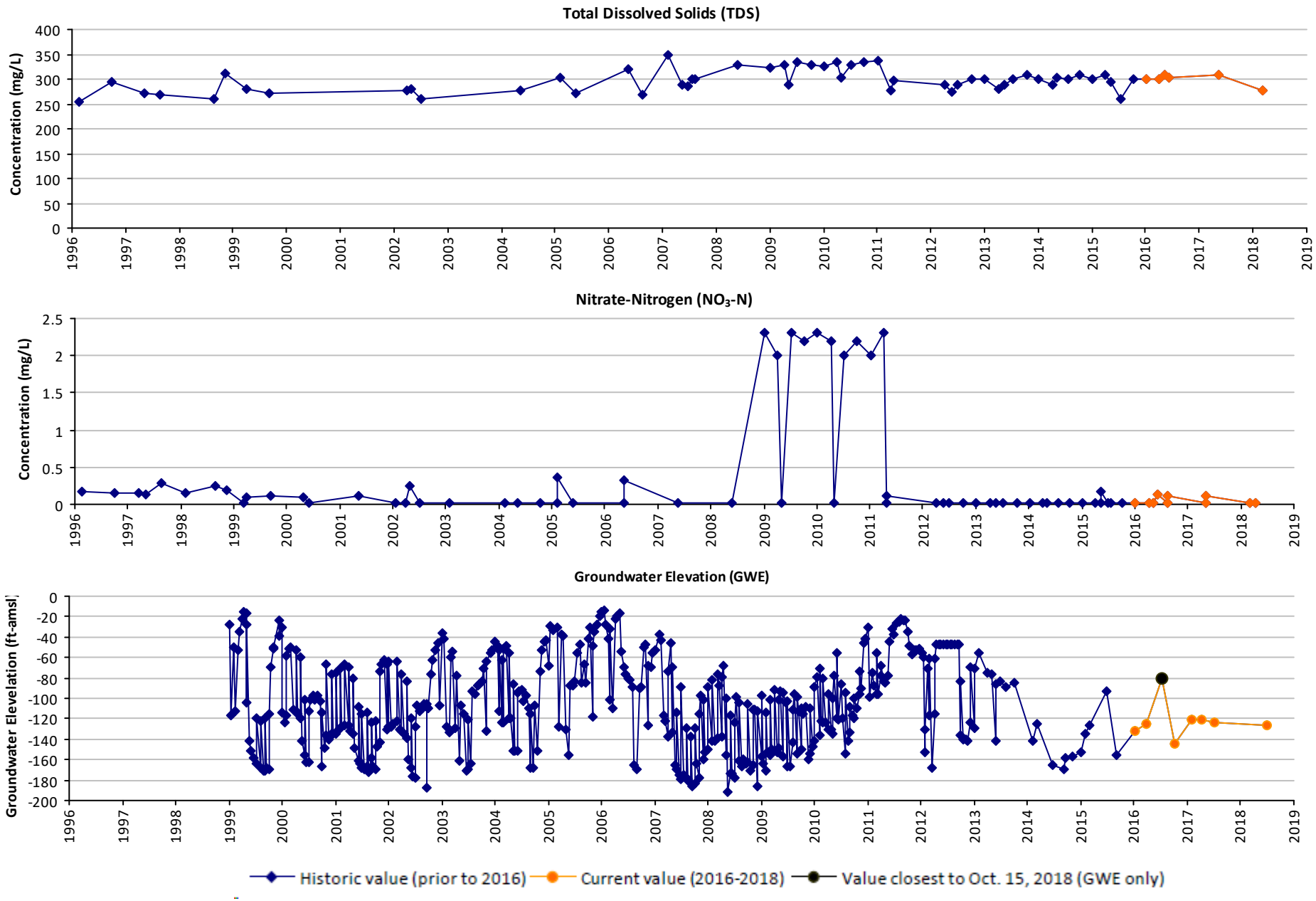

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

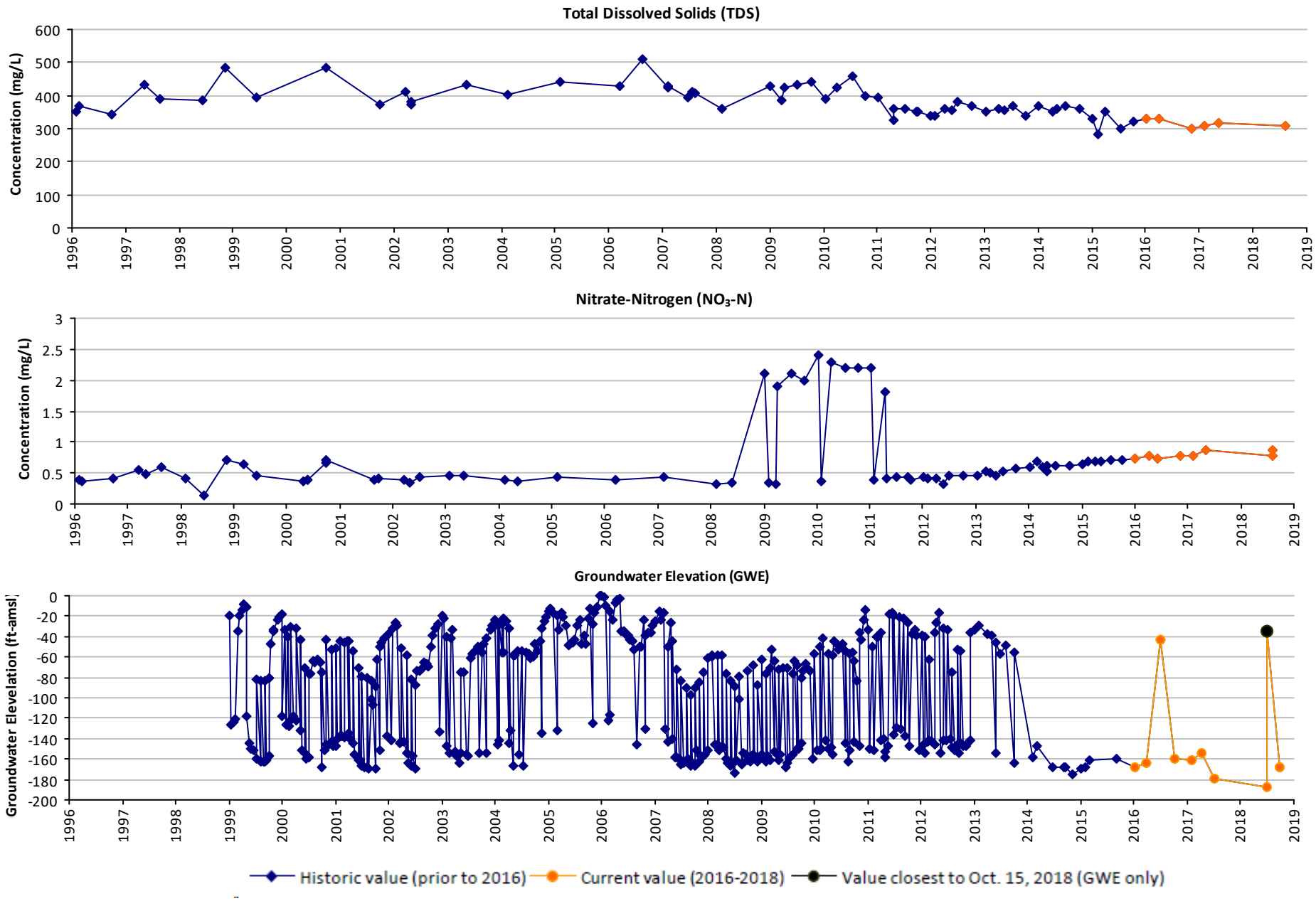

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

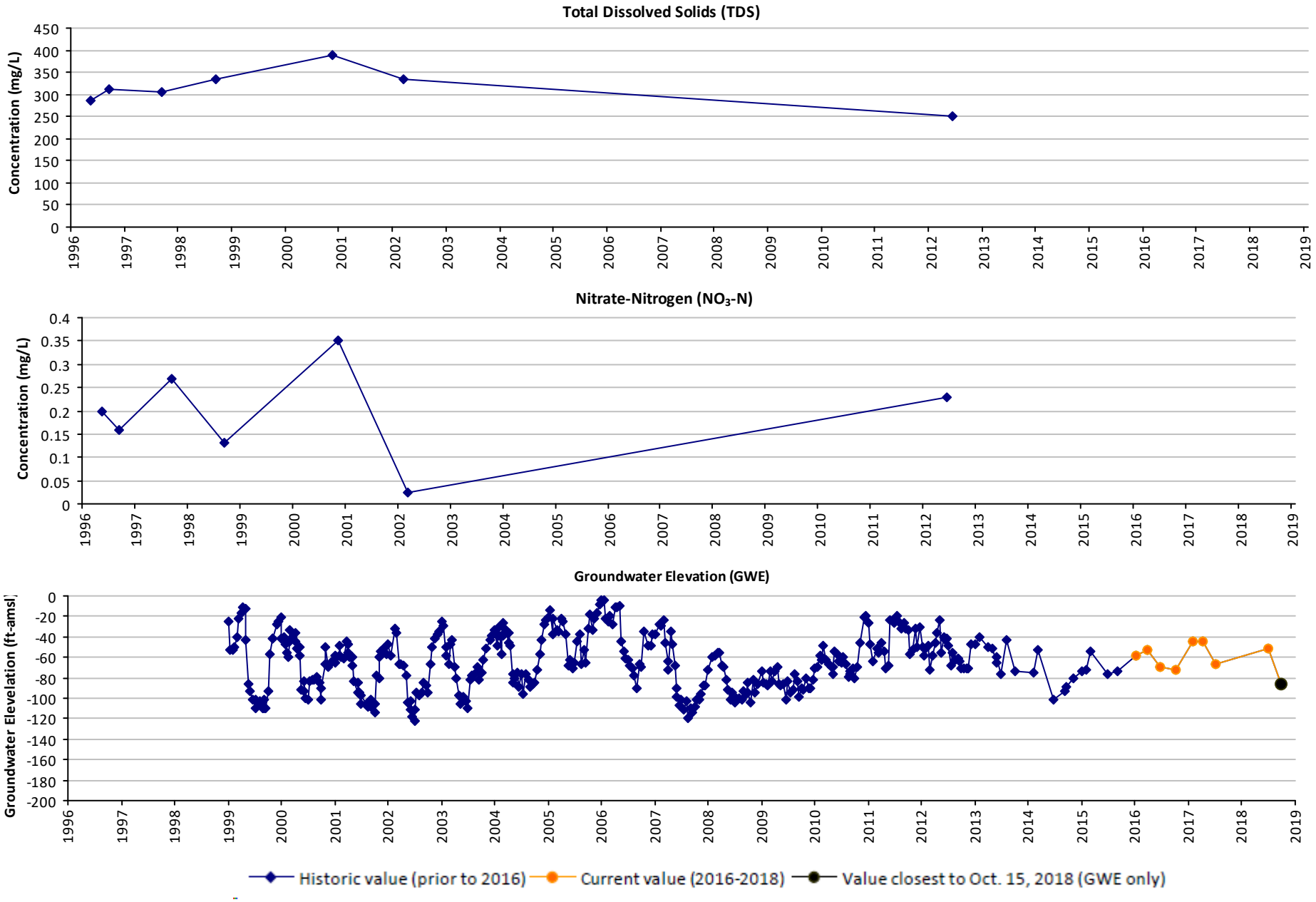

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

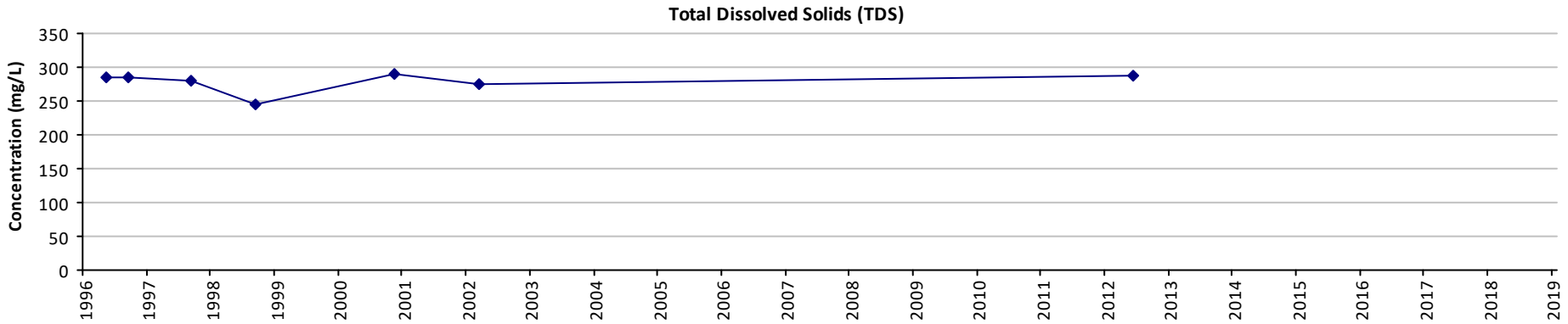

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

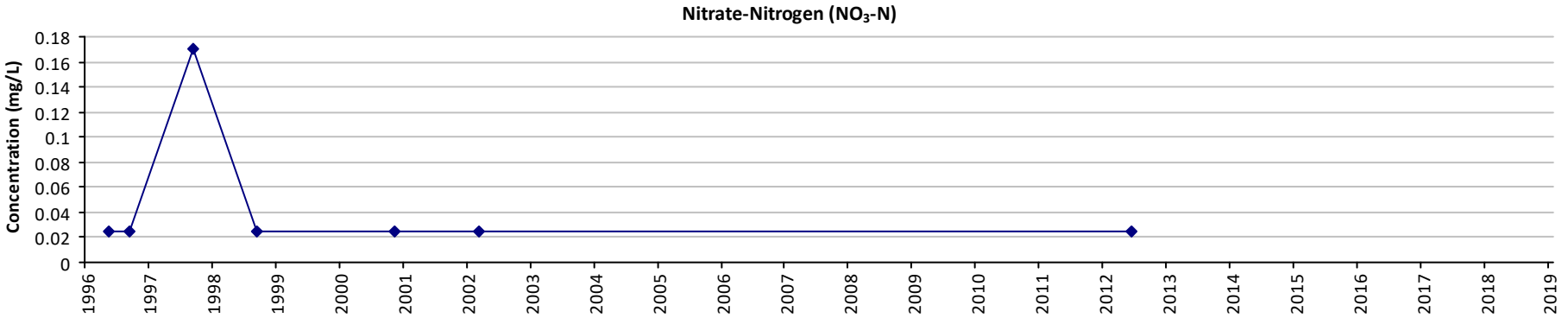

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

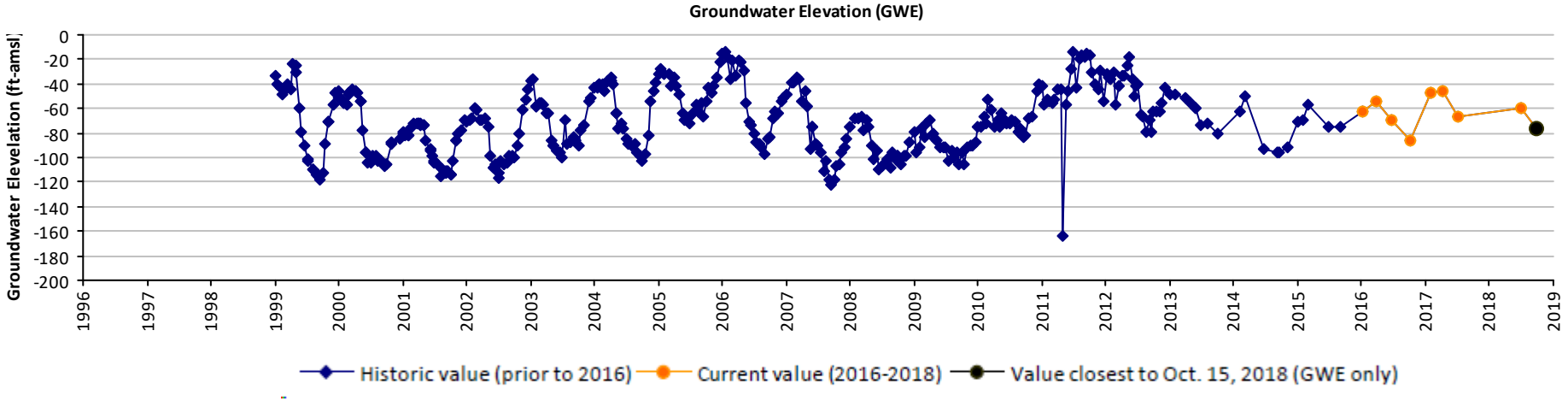

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

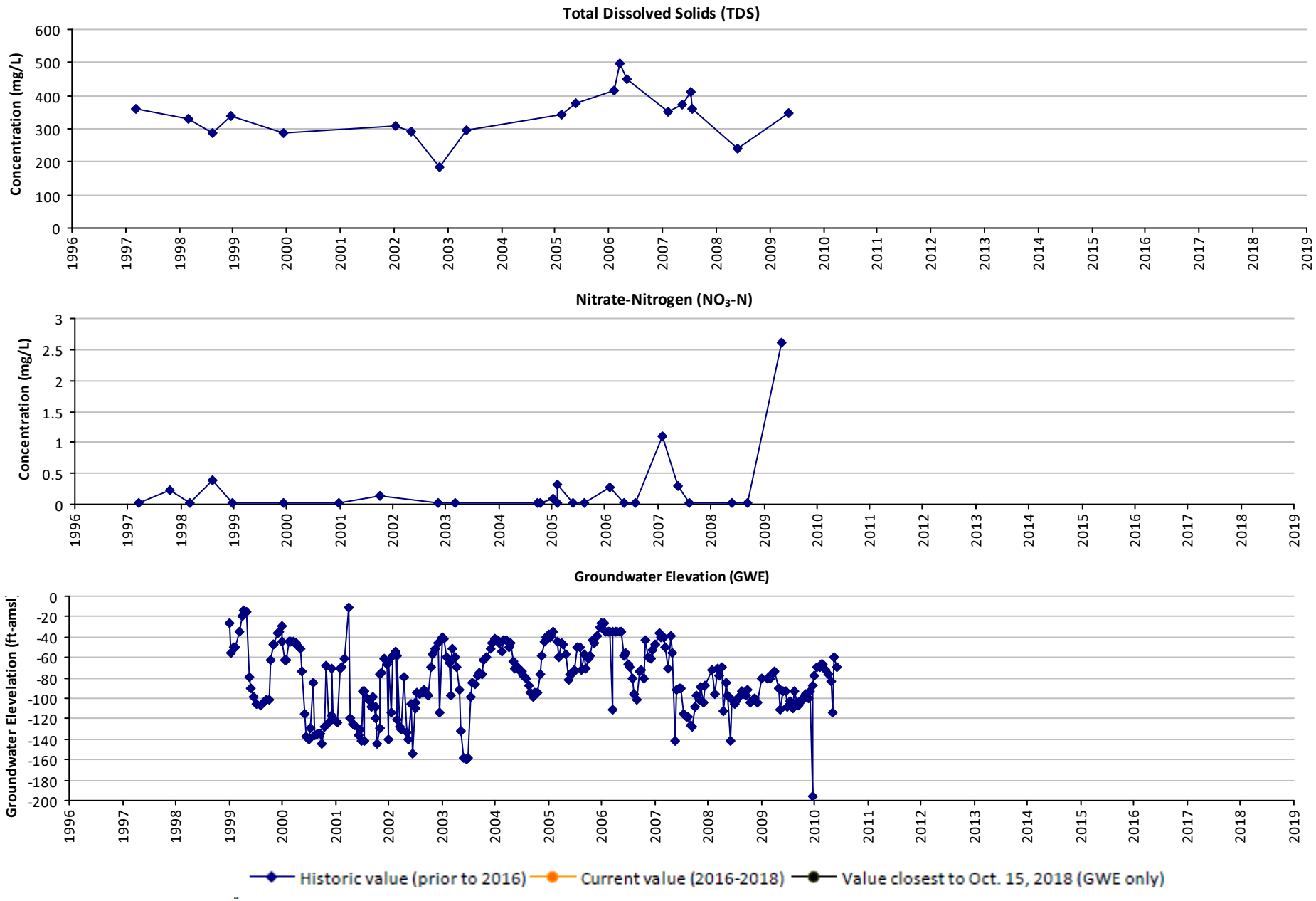

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

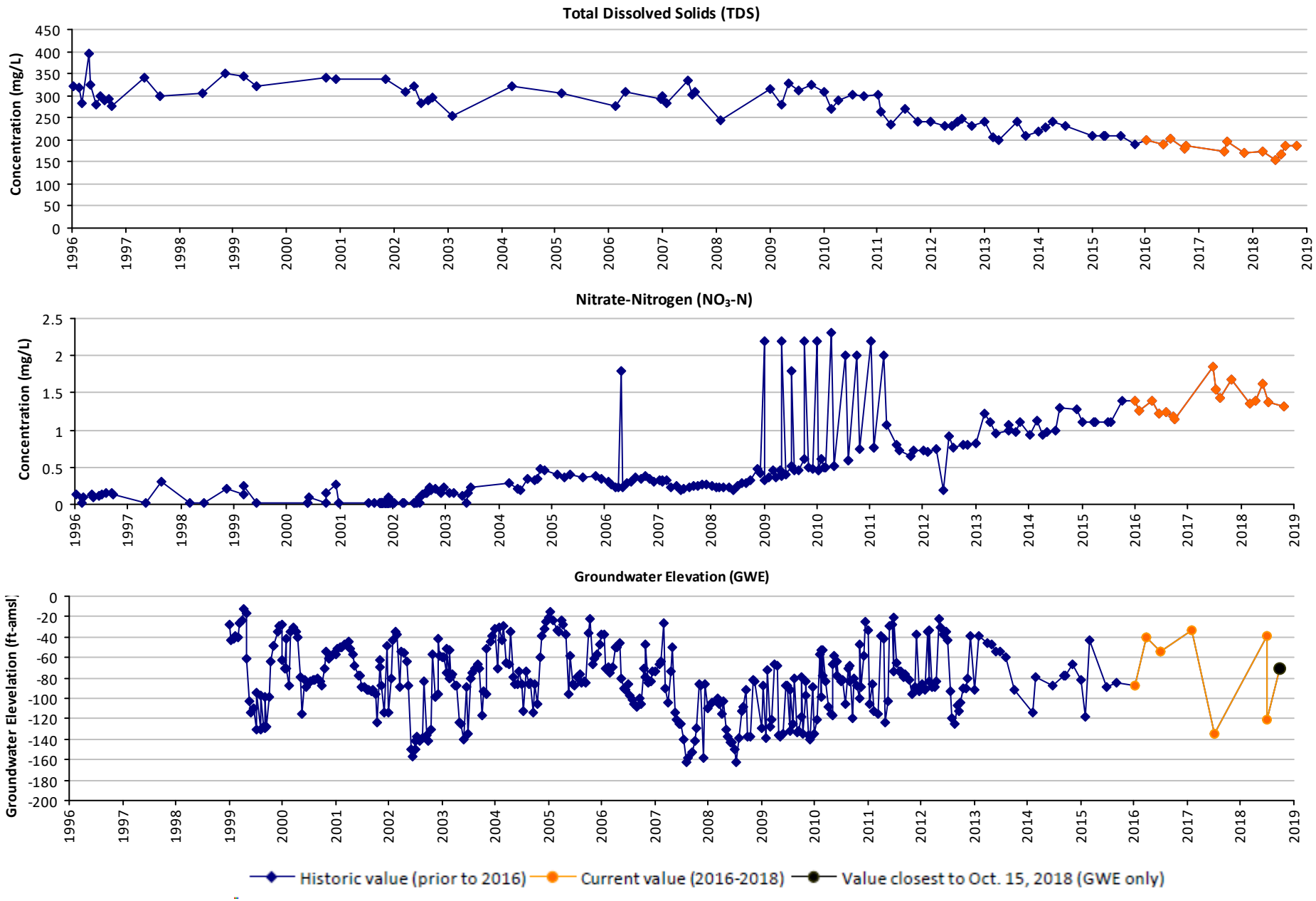

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

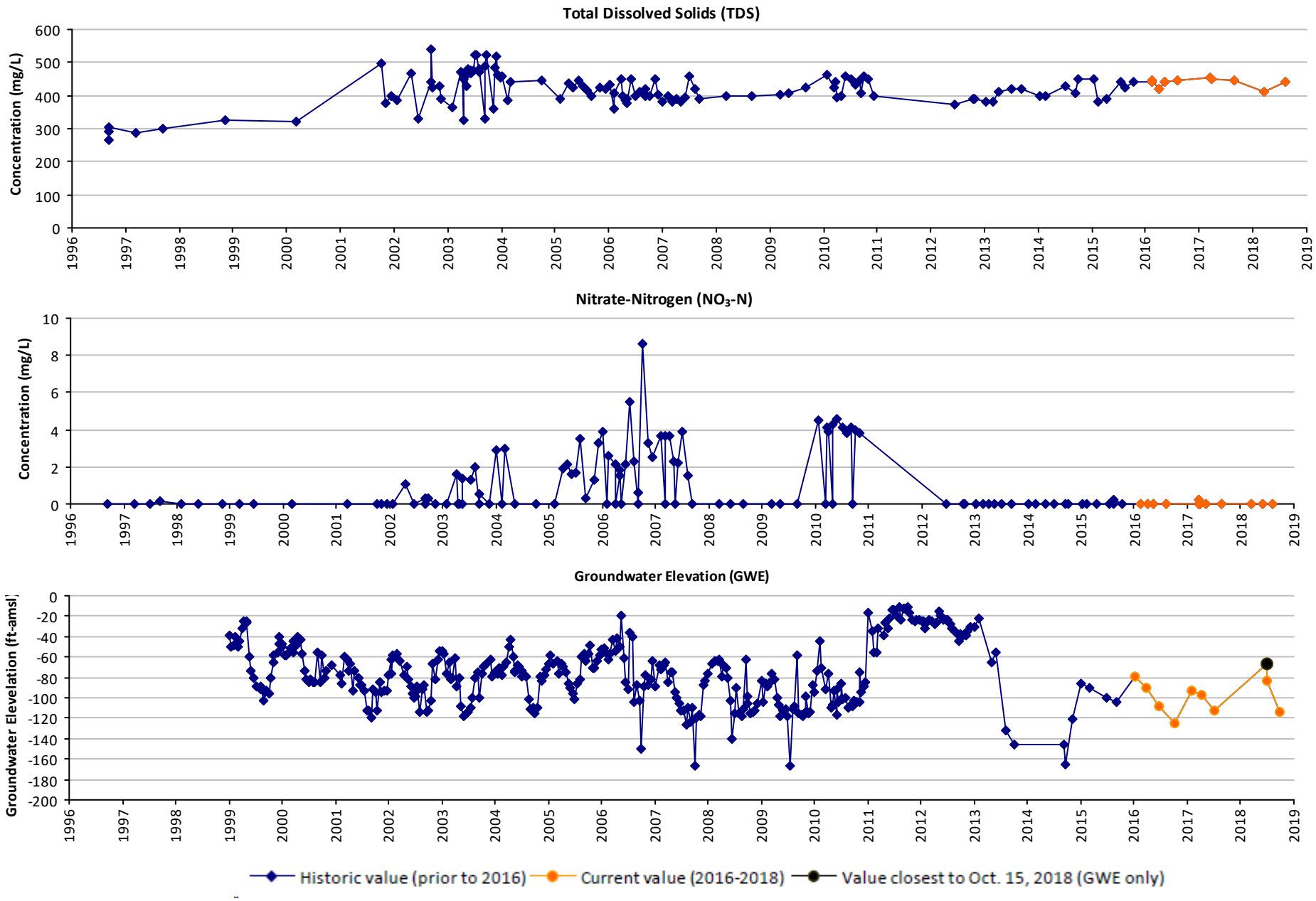

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

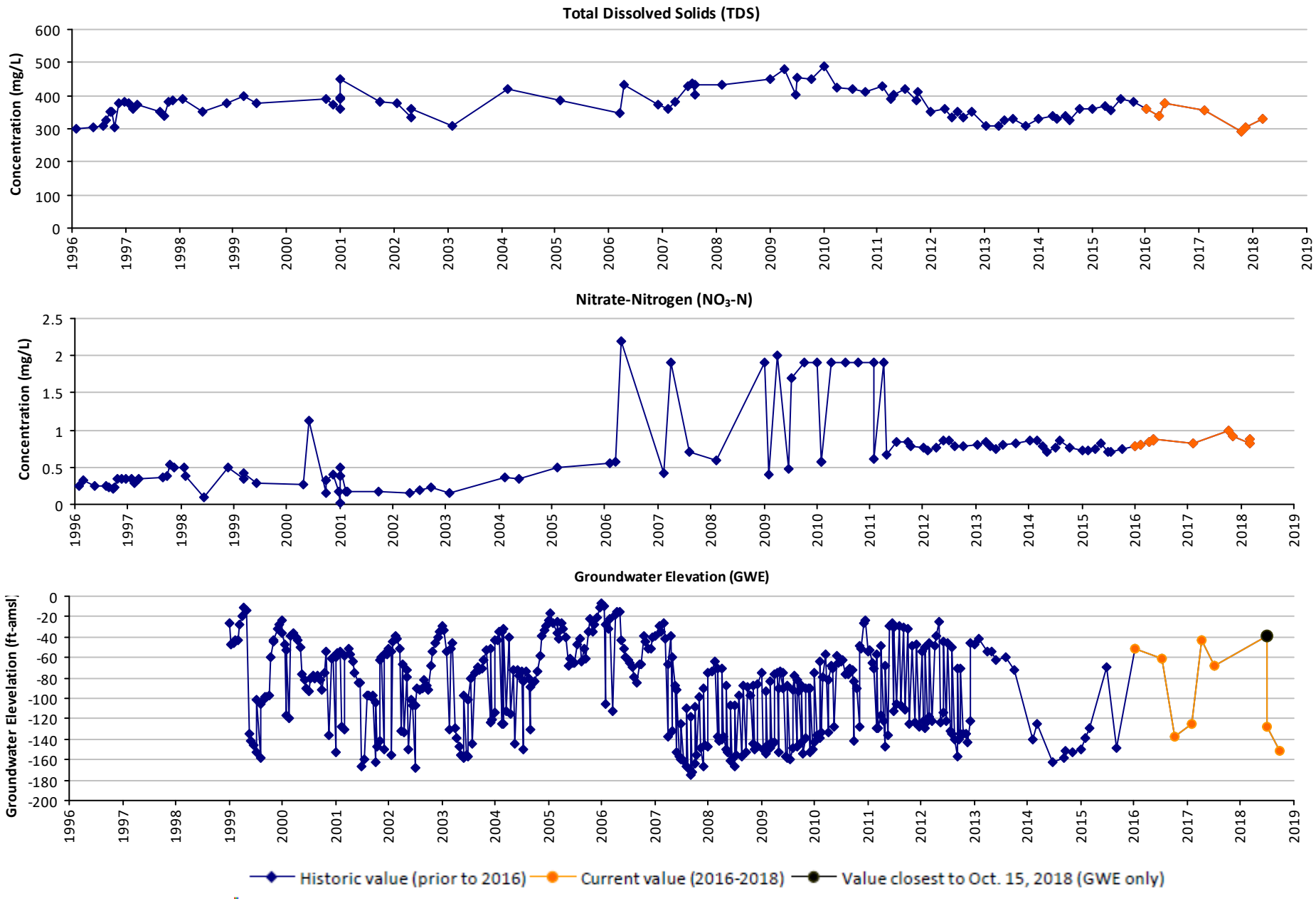

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

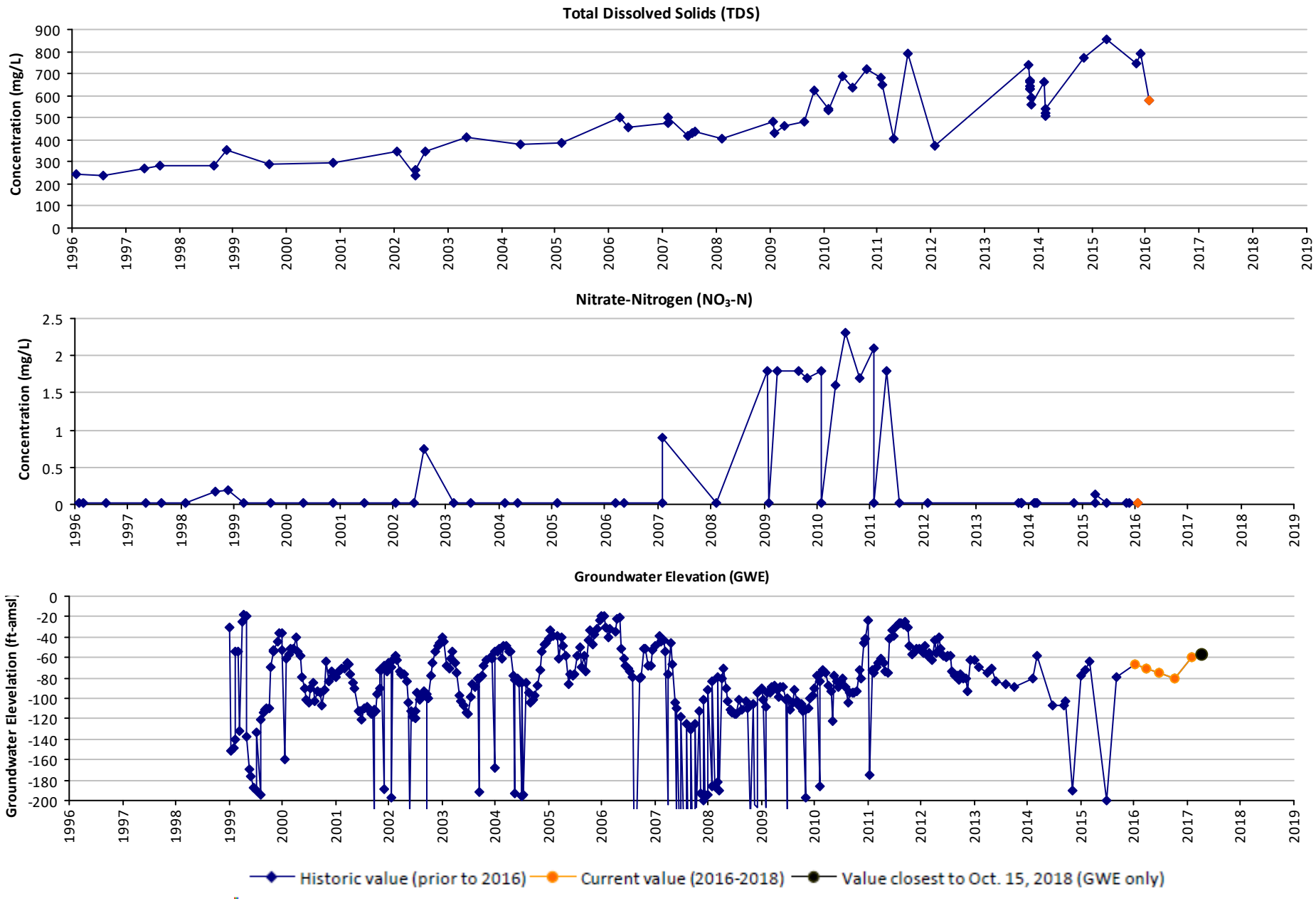

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

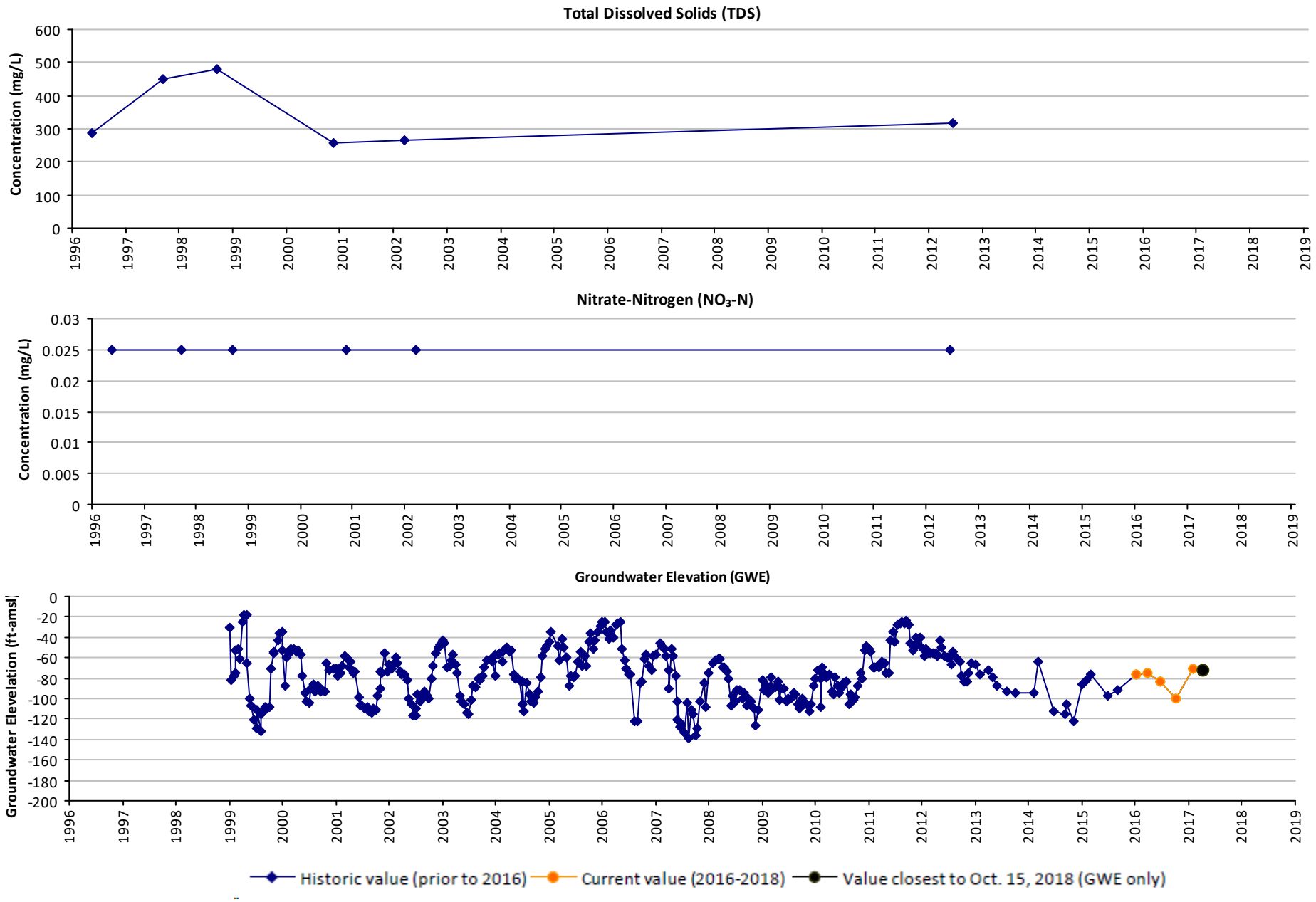

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

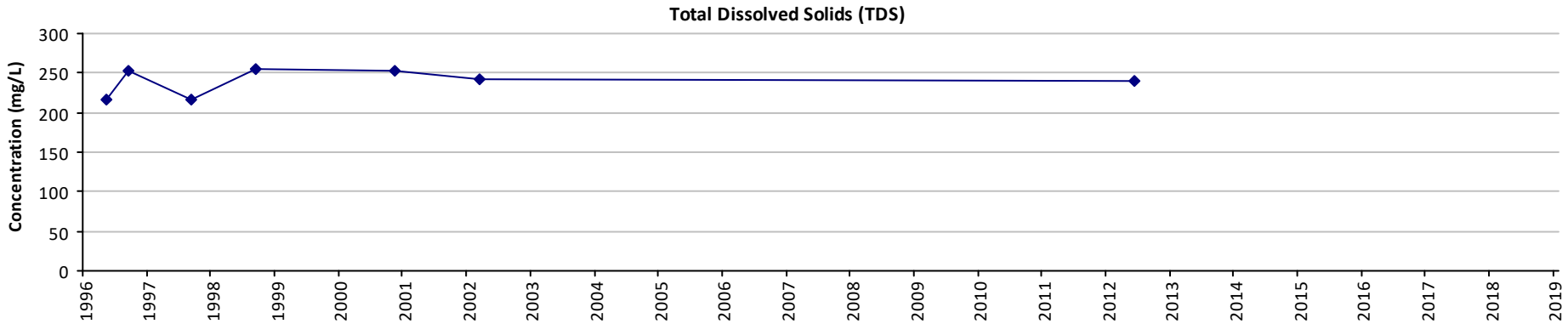

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

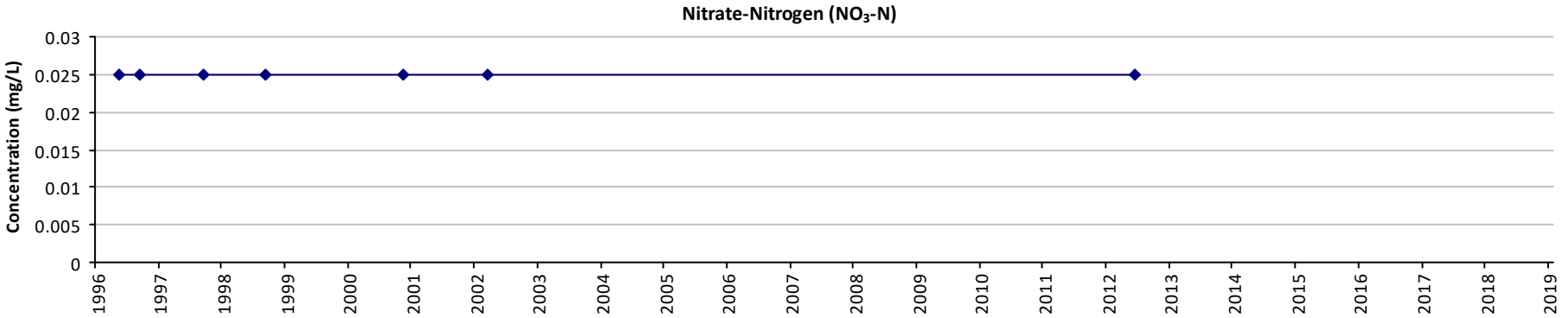

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

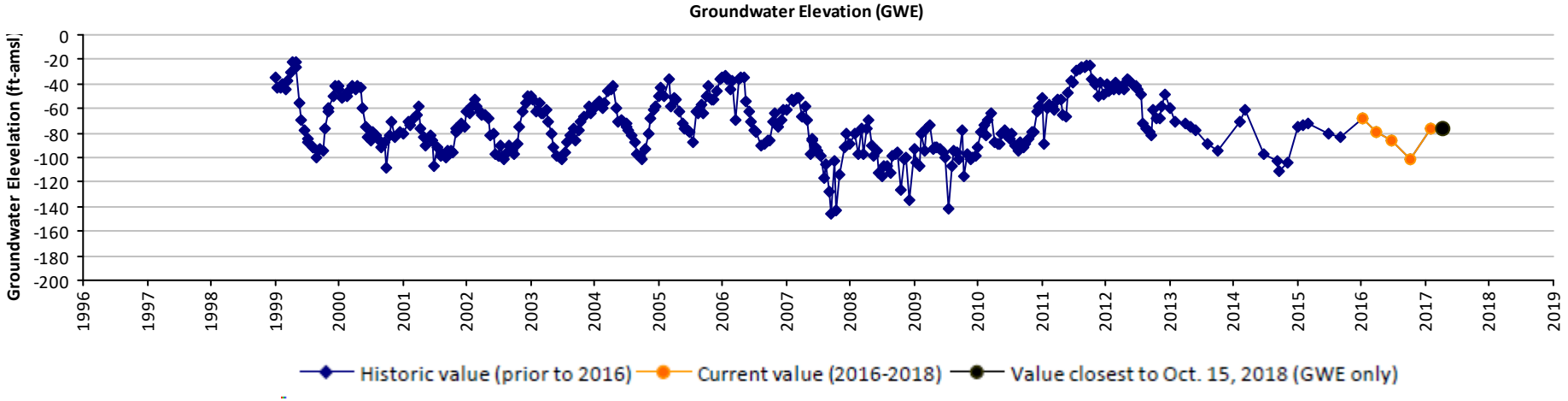

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

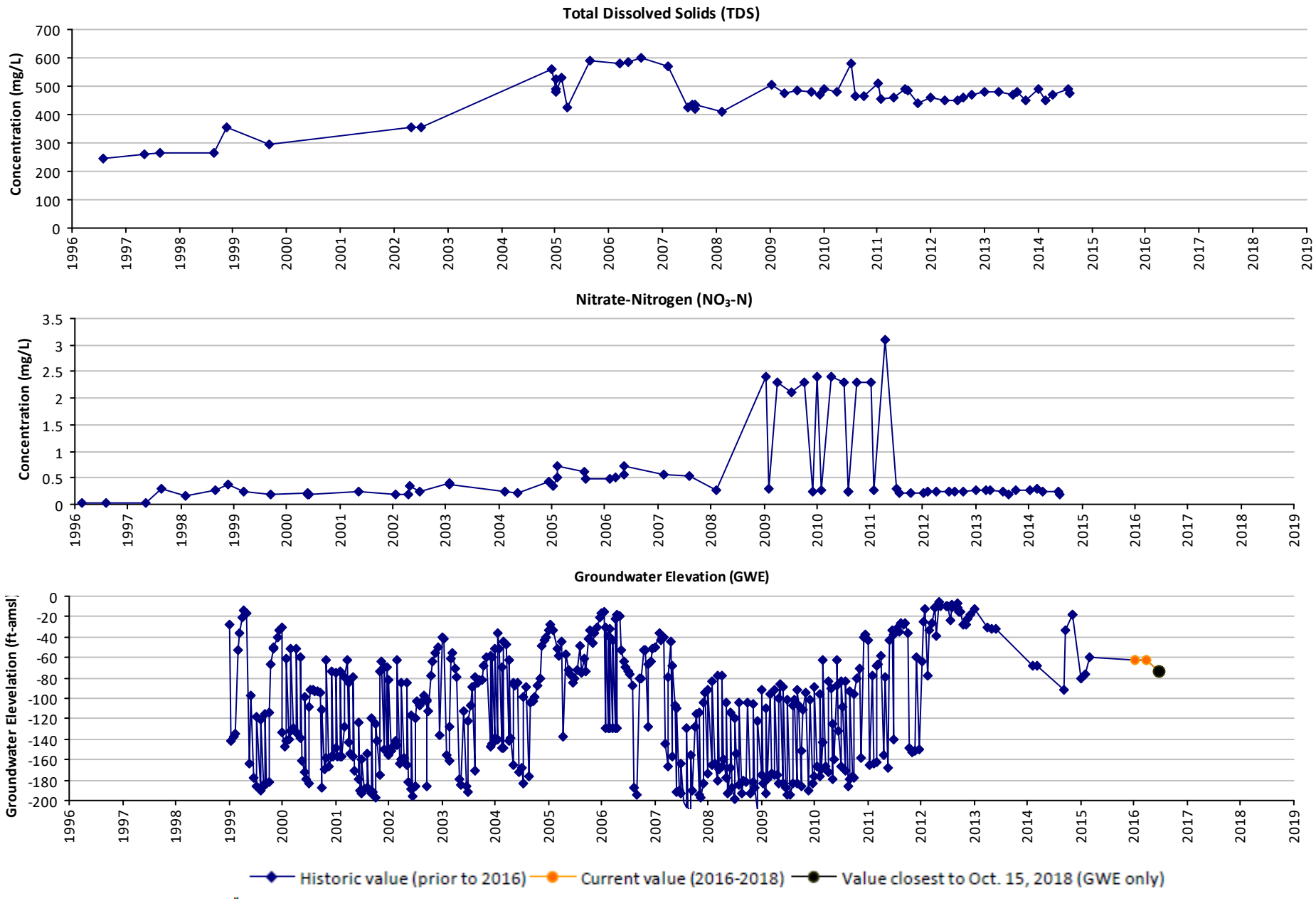

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

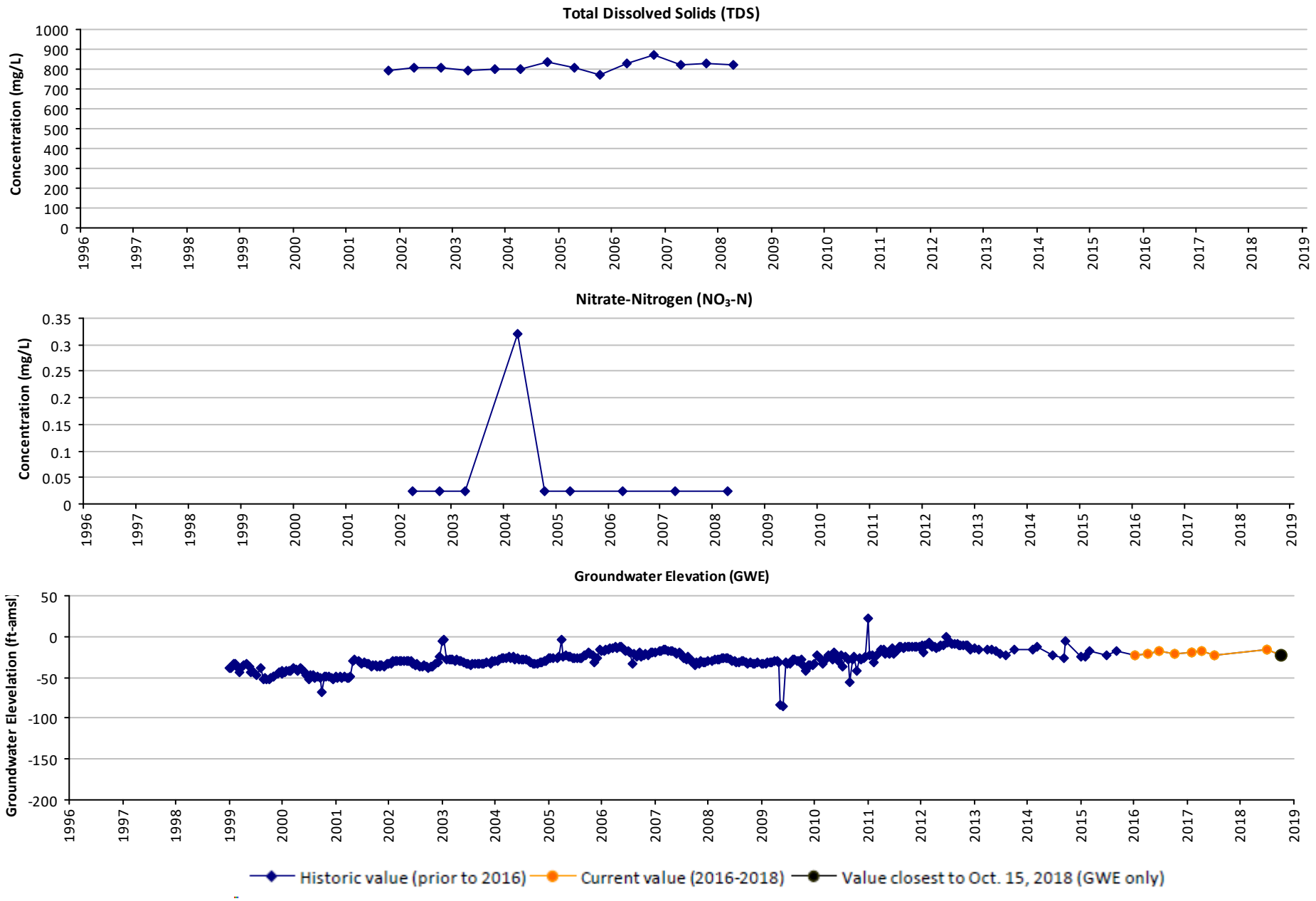

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

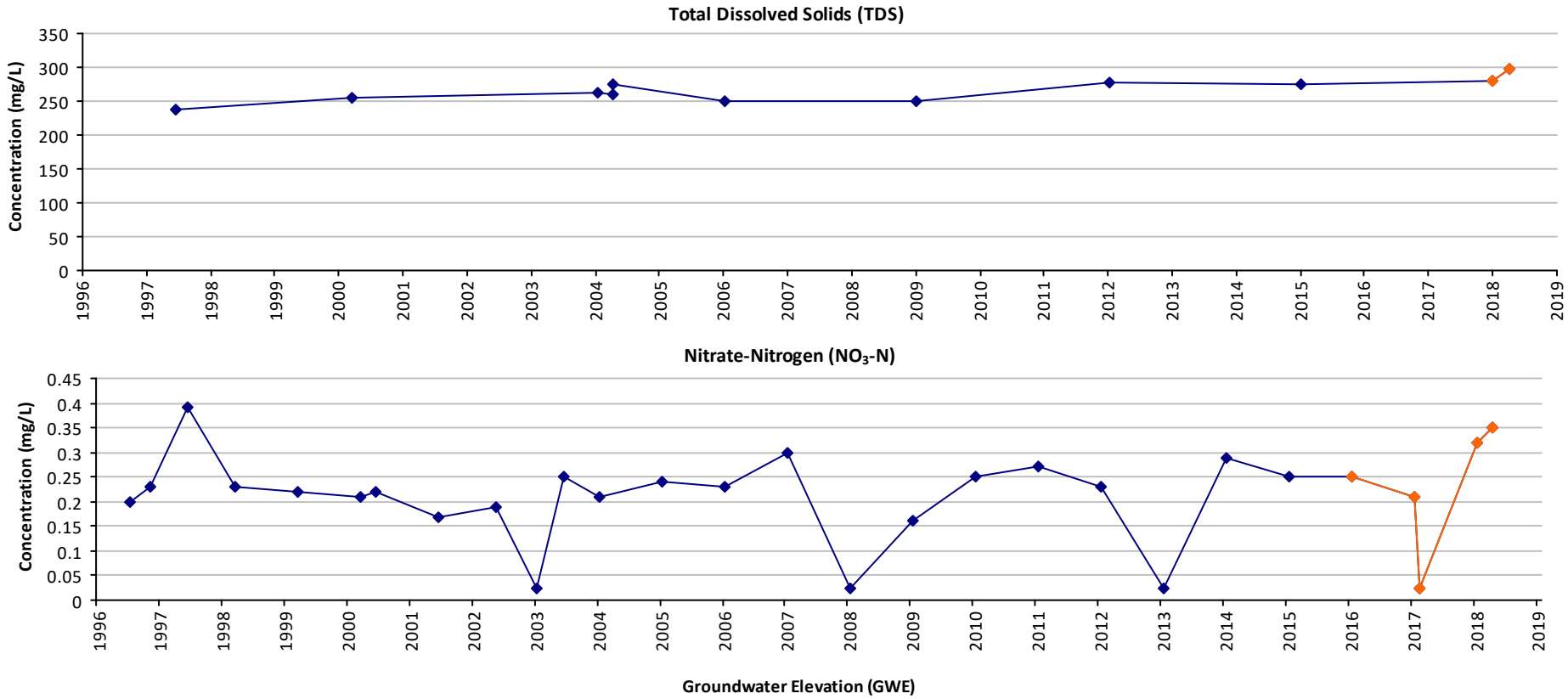

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

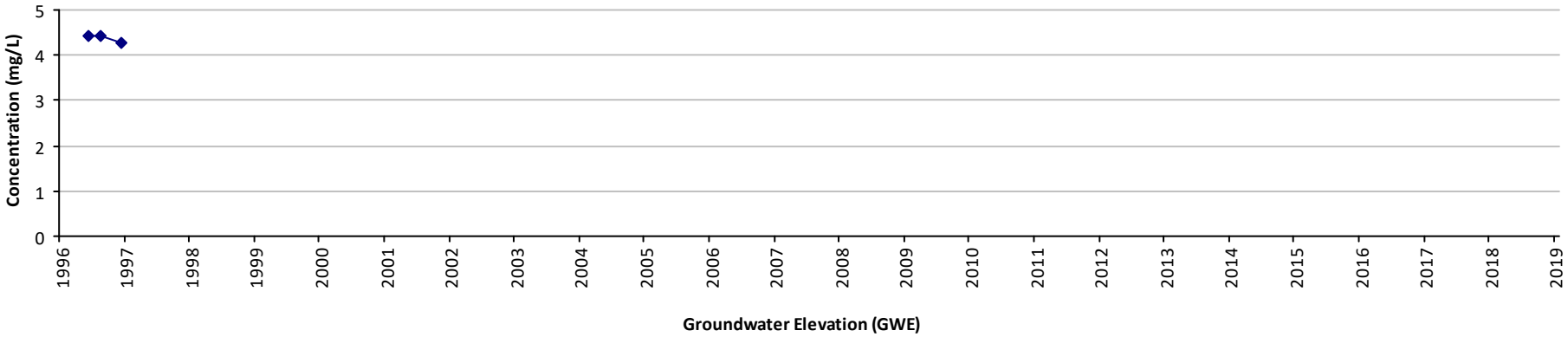

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

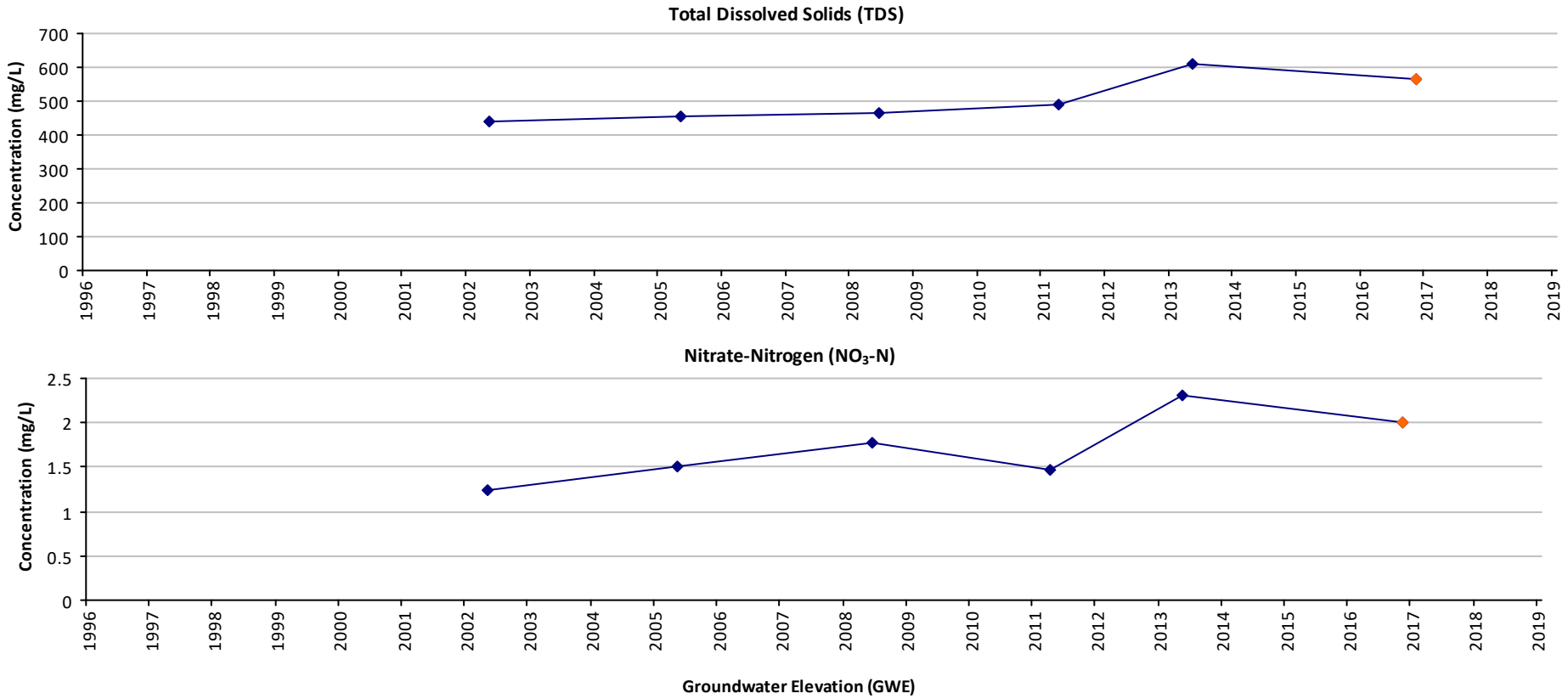

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

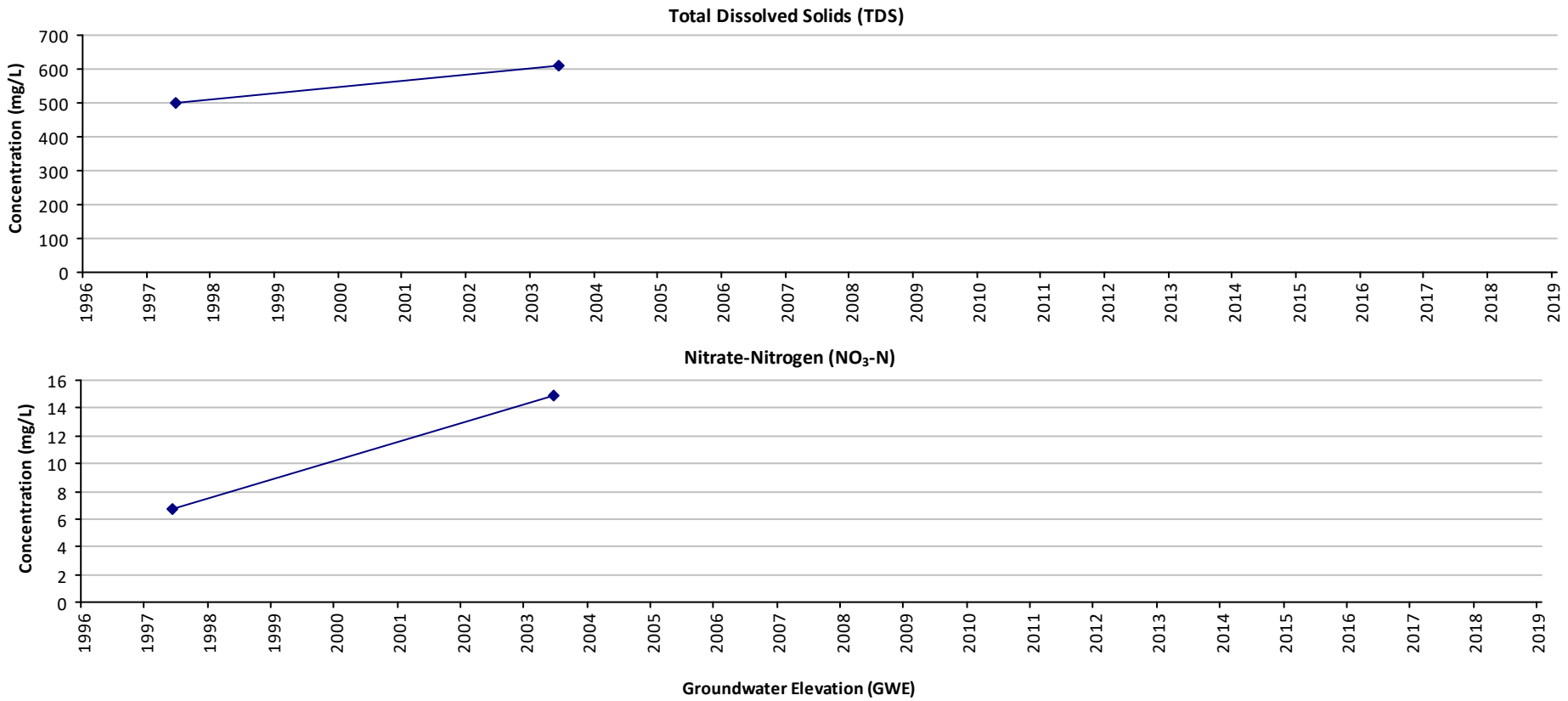
Total Dissolved Solids (TDS)

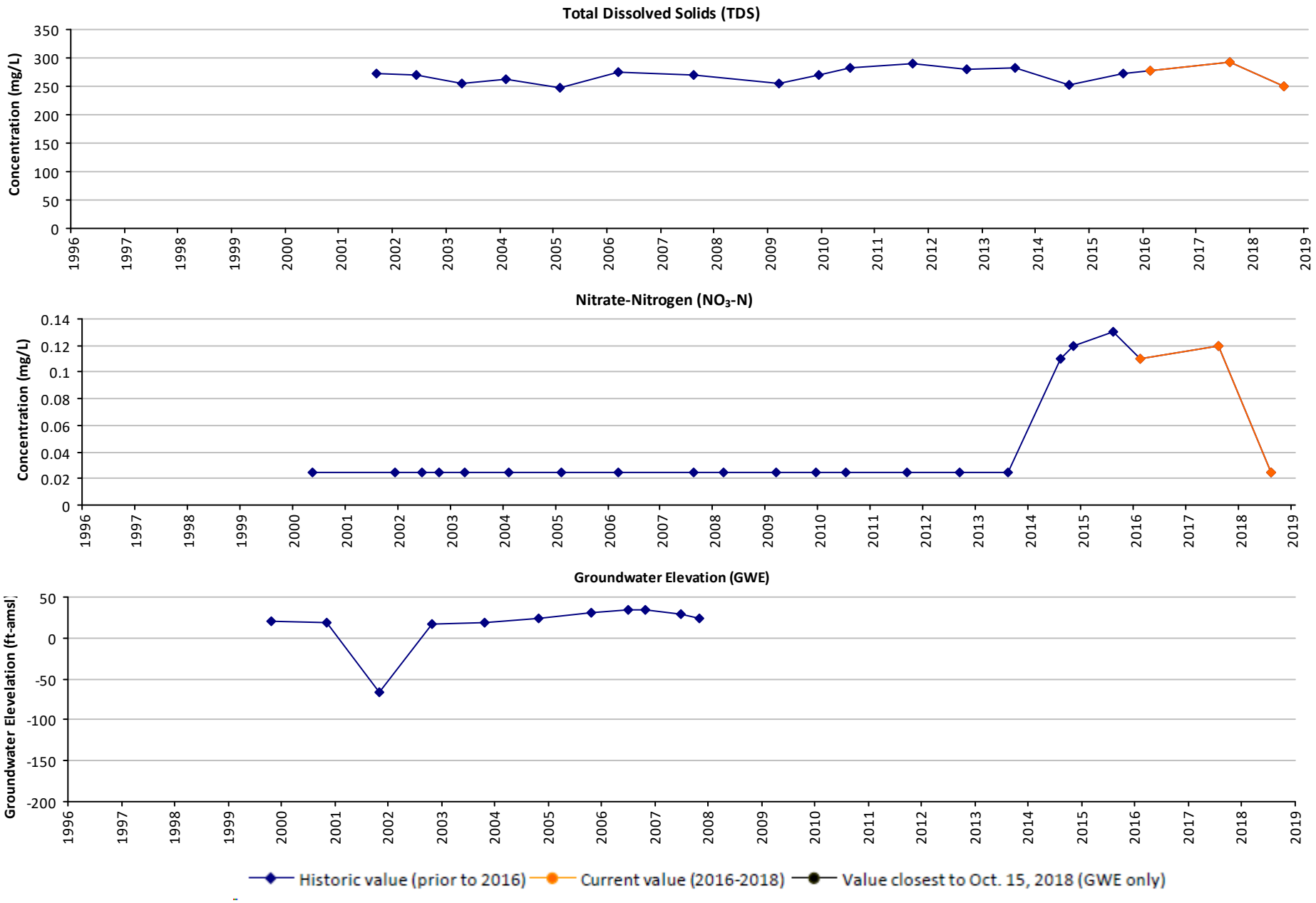
Nitrate-Nitrogen (NO_3-N)

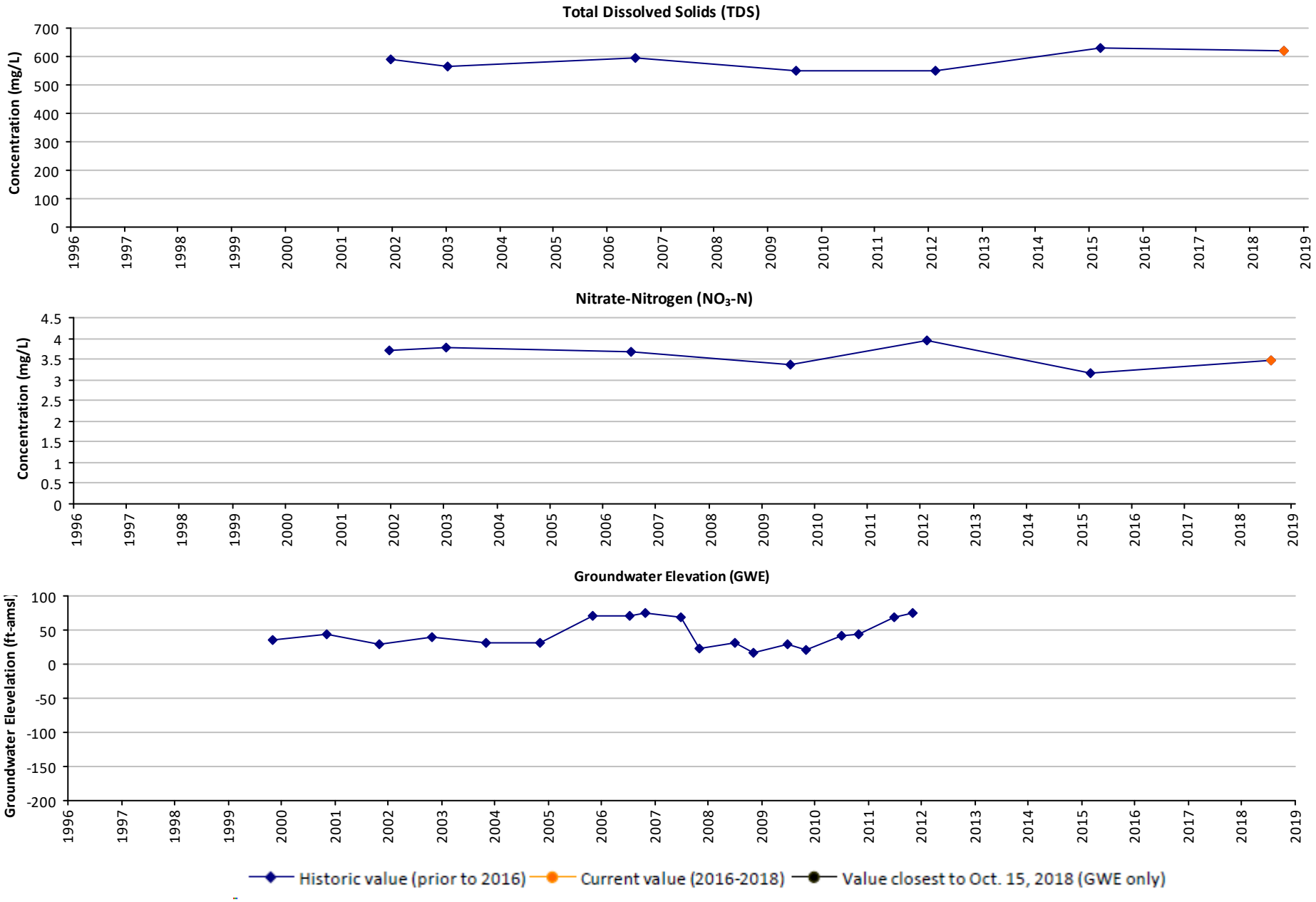


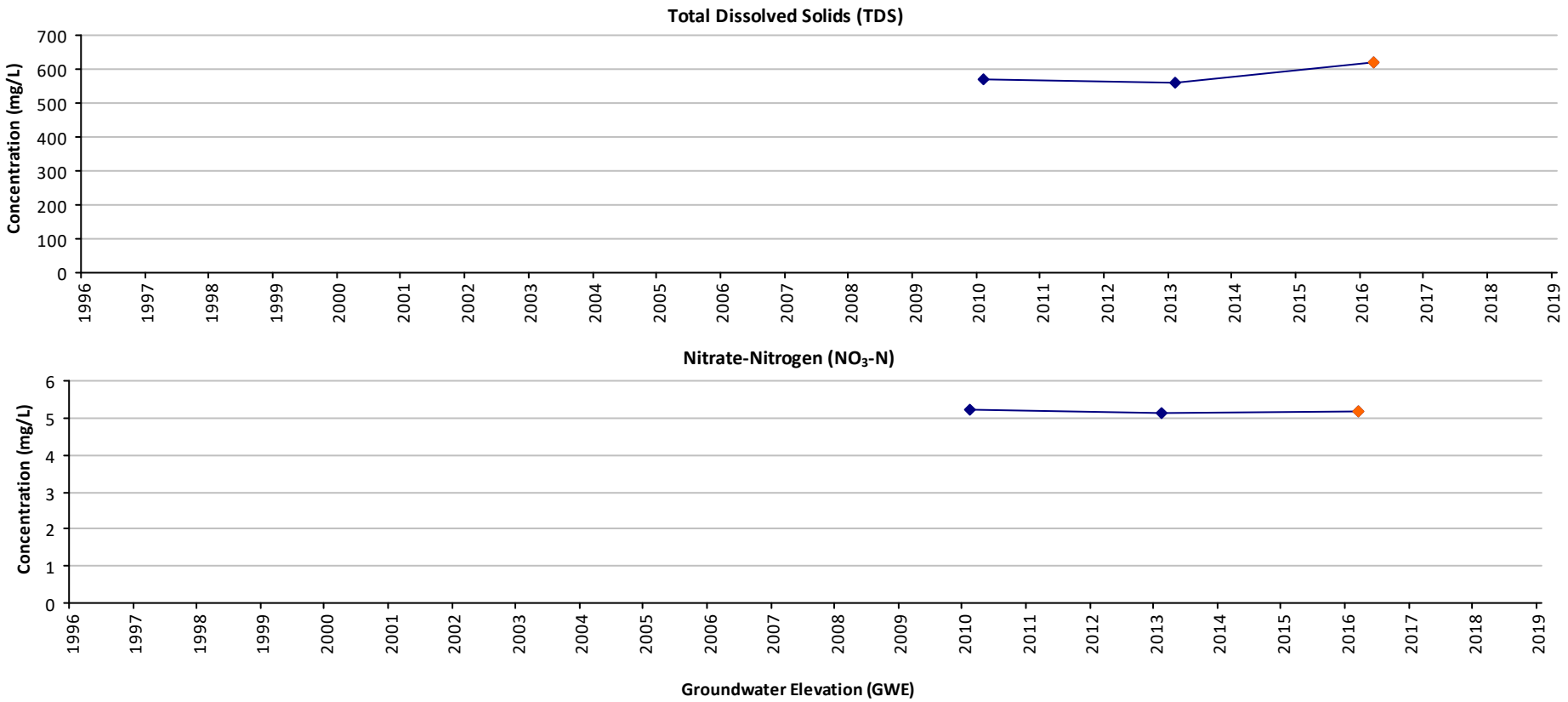
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

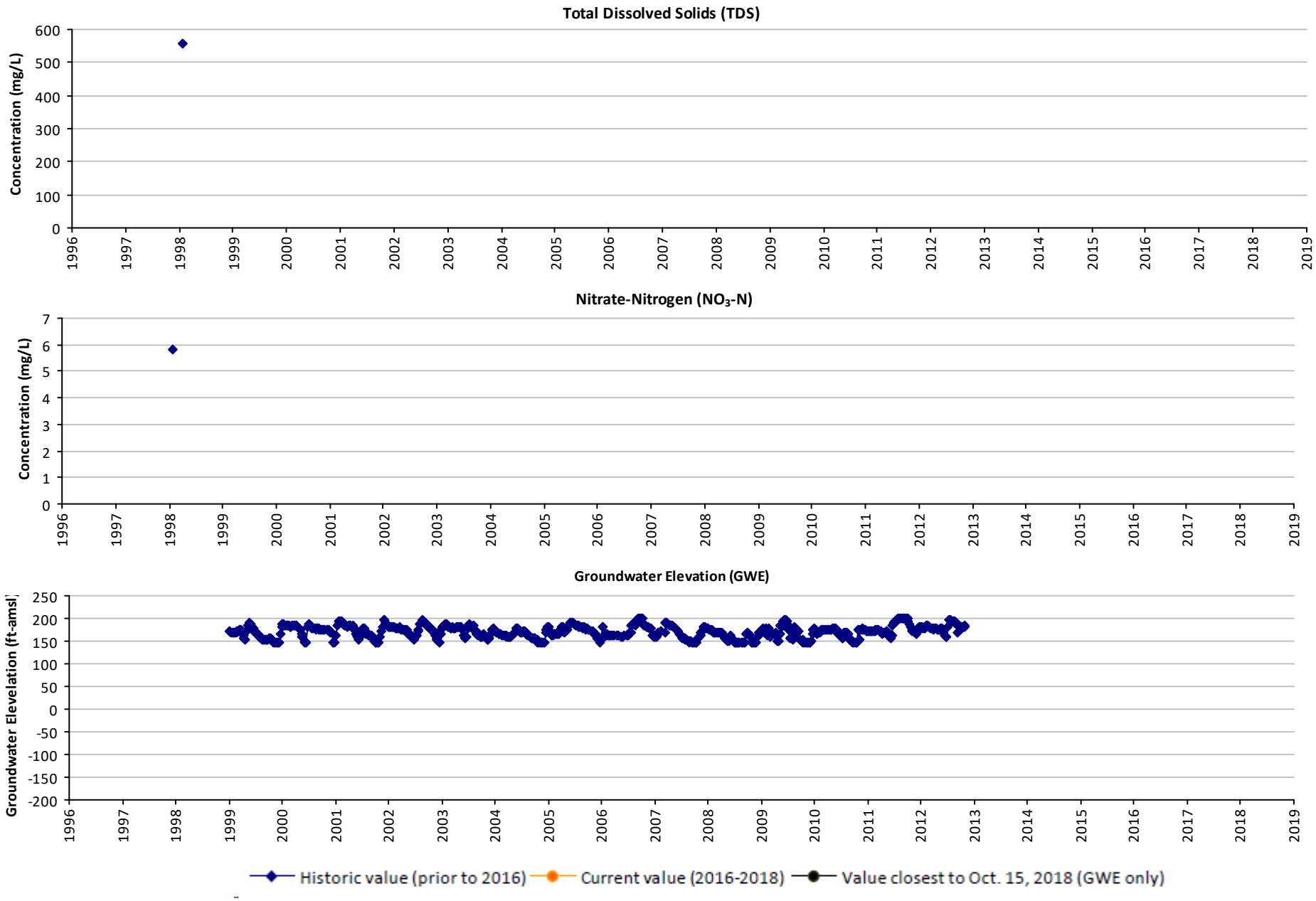

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

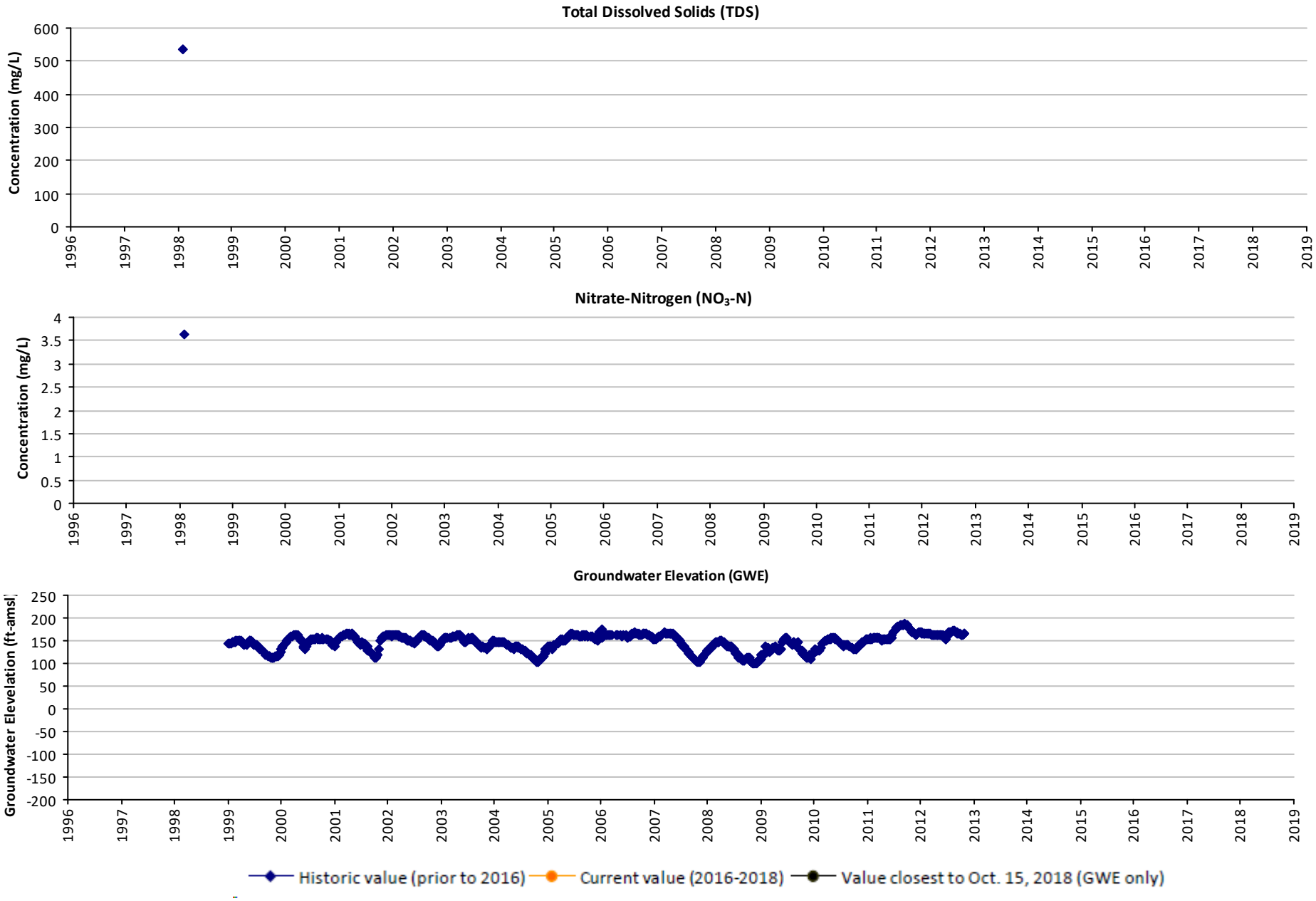

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

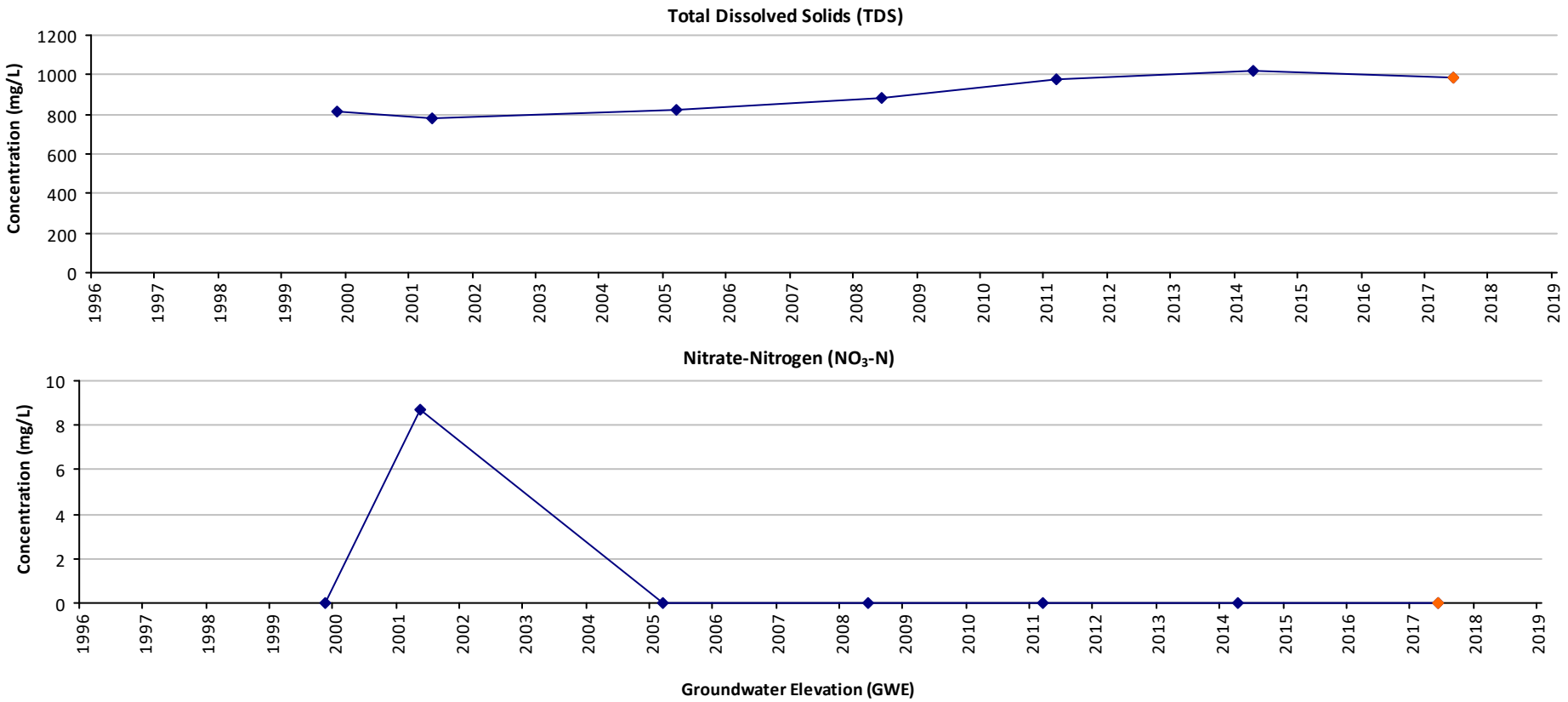

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

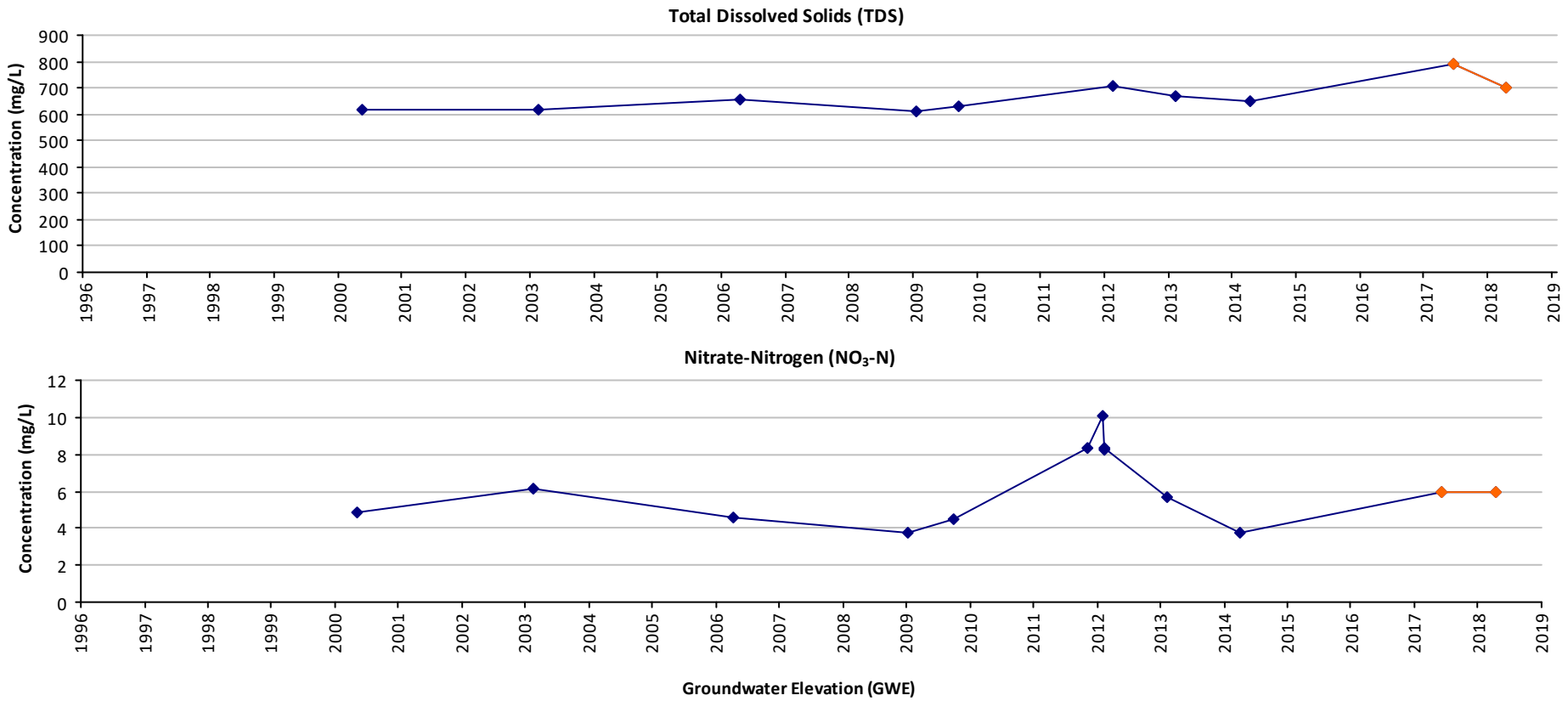

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

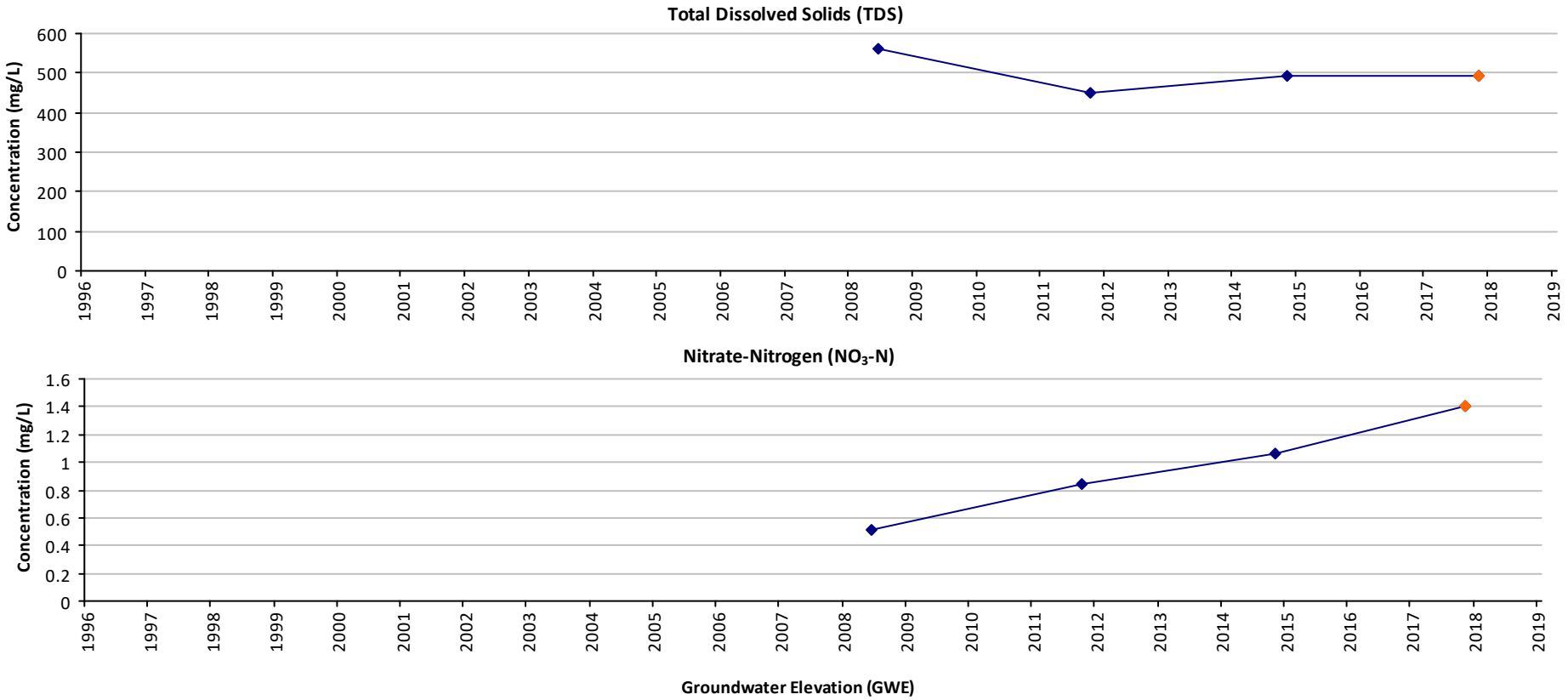

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

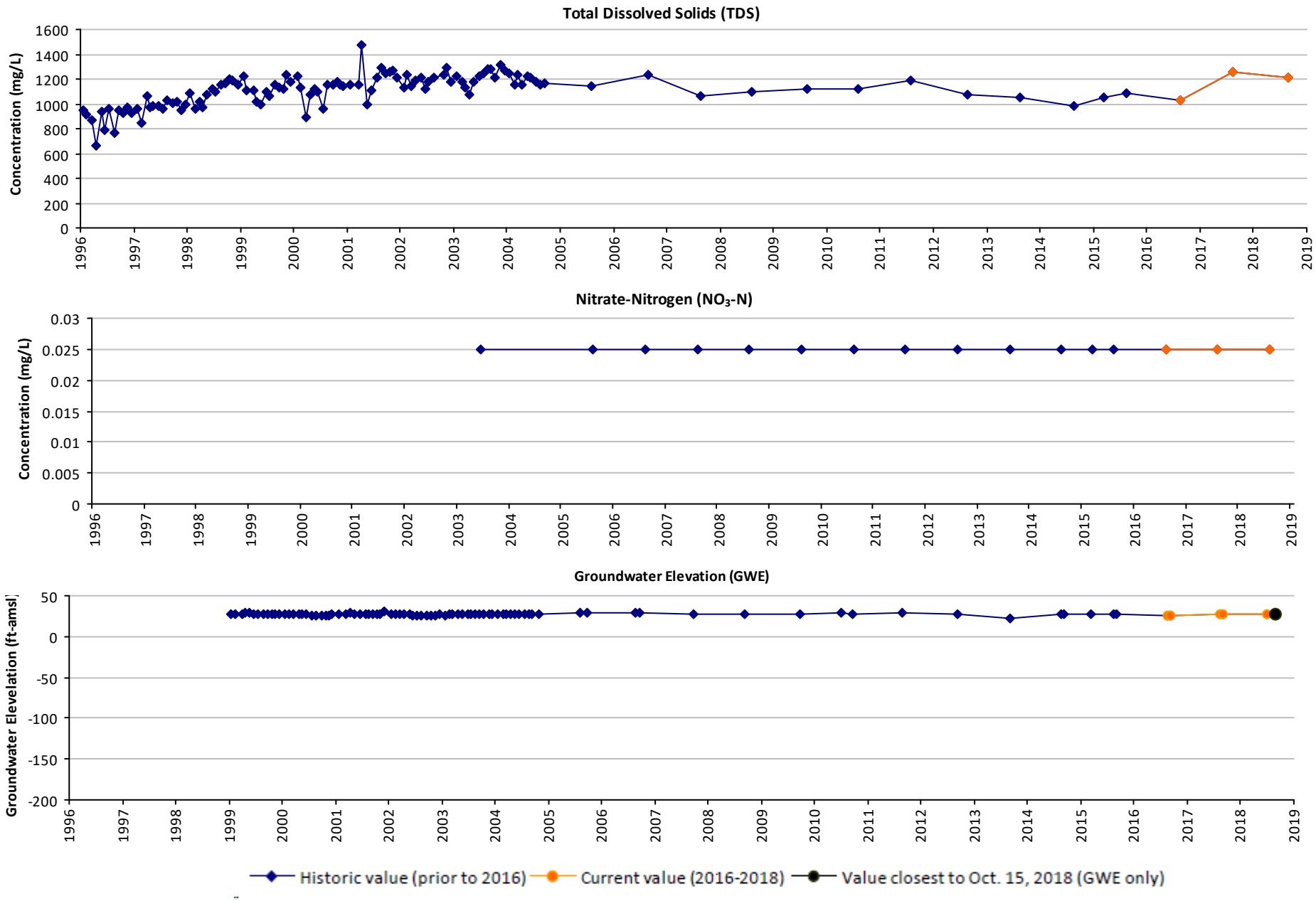

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

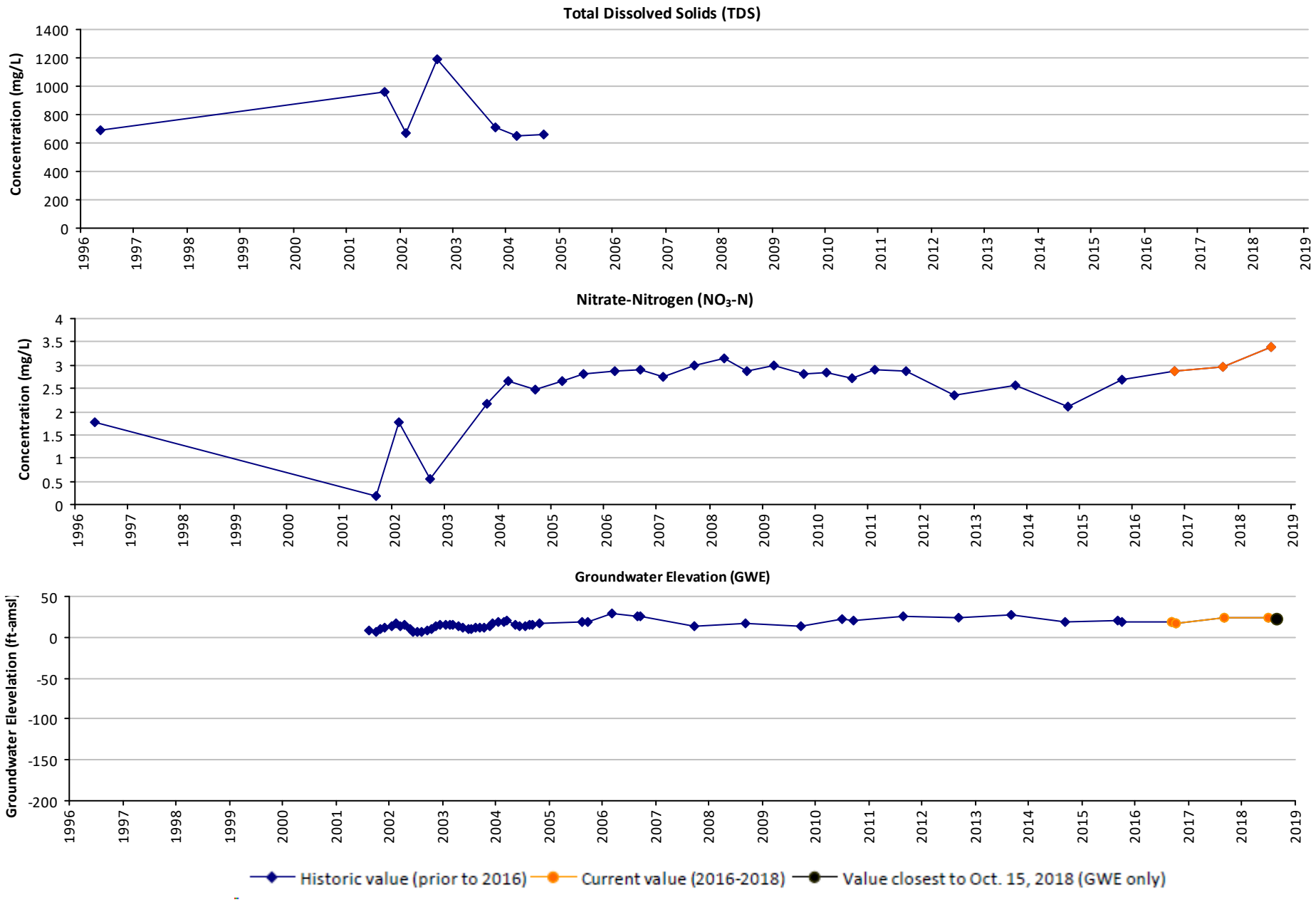

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

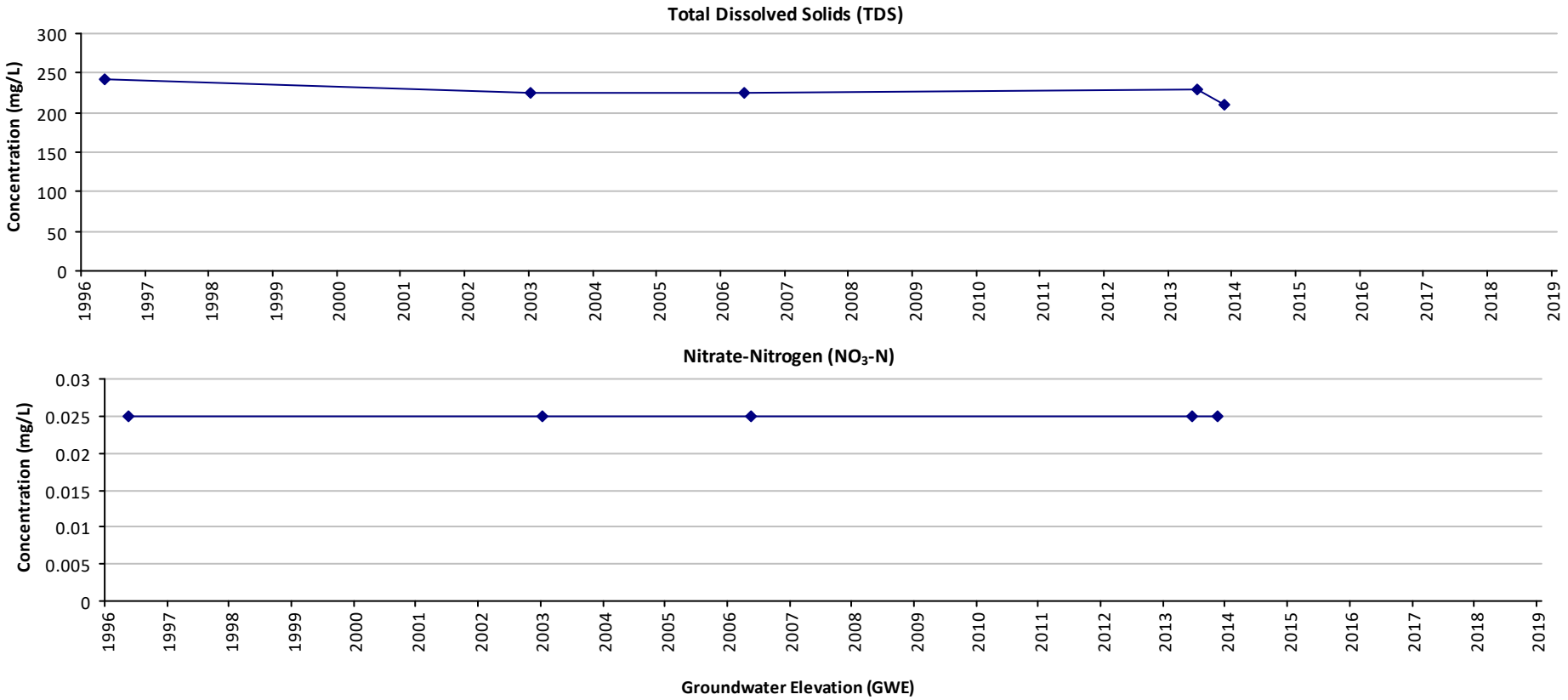

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

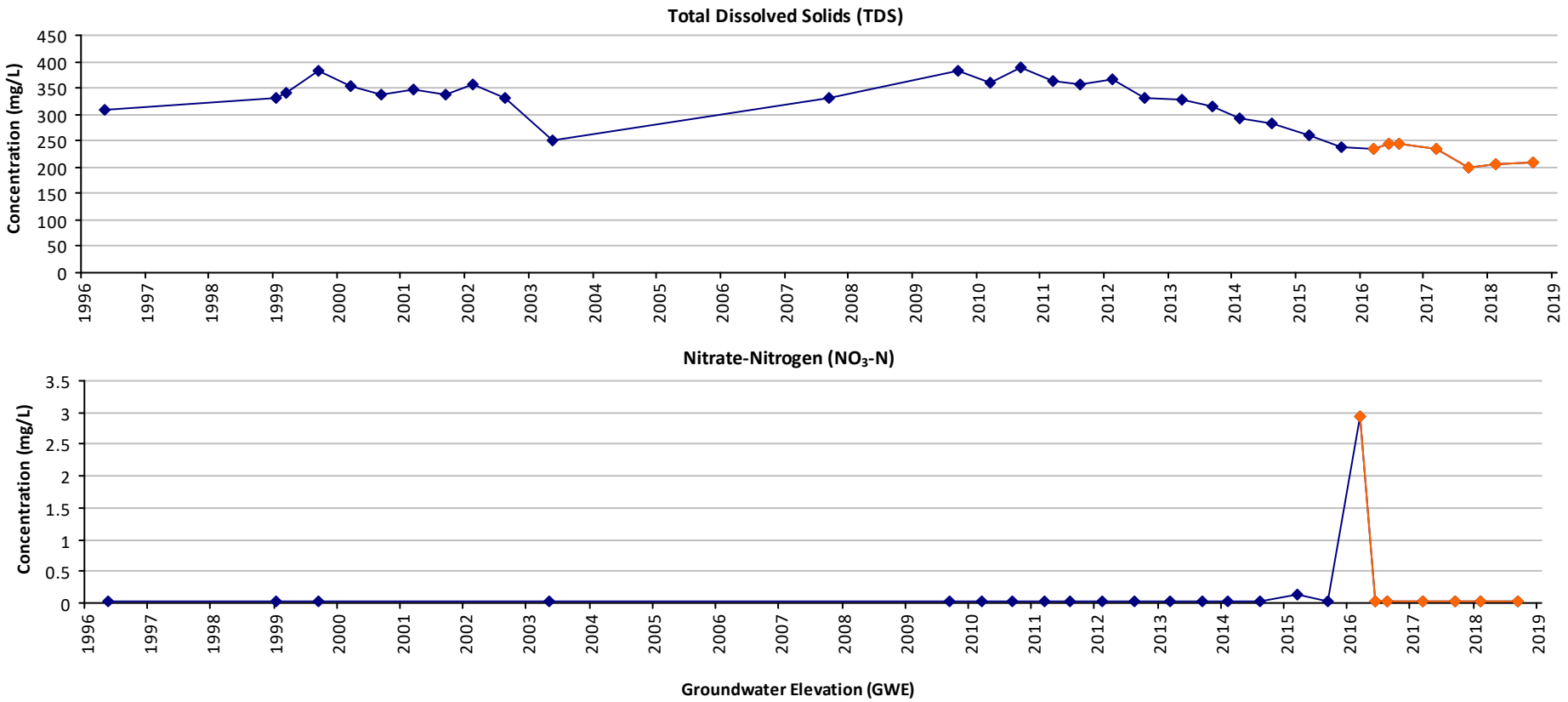

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

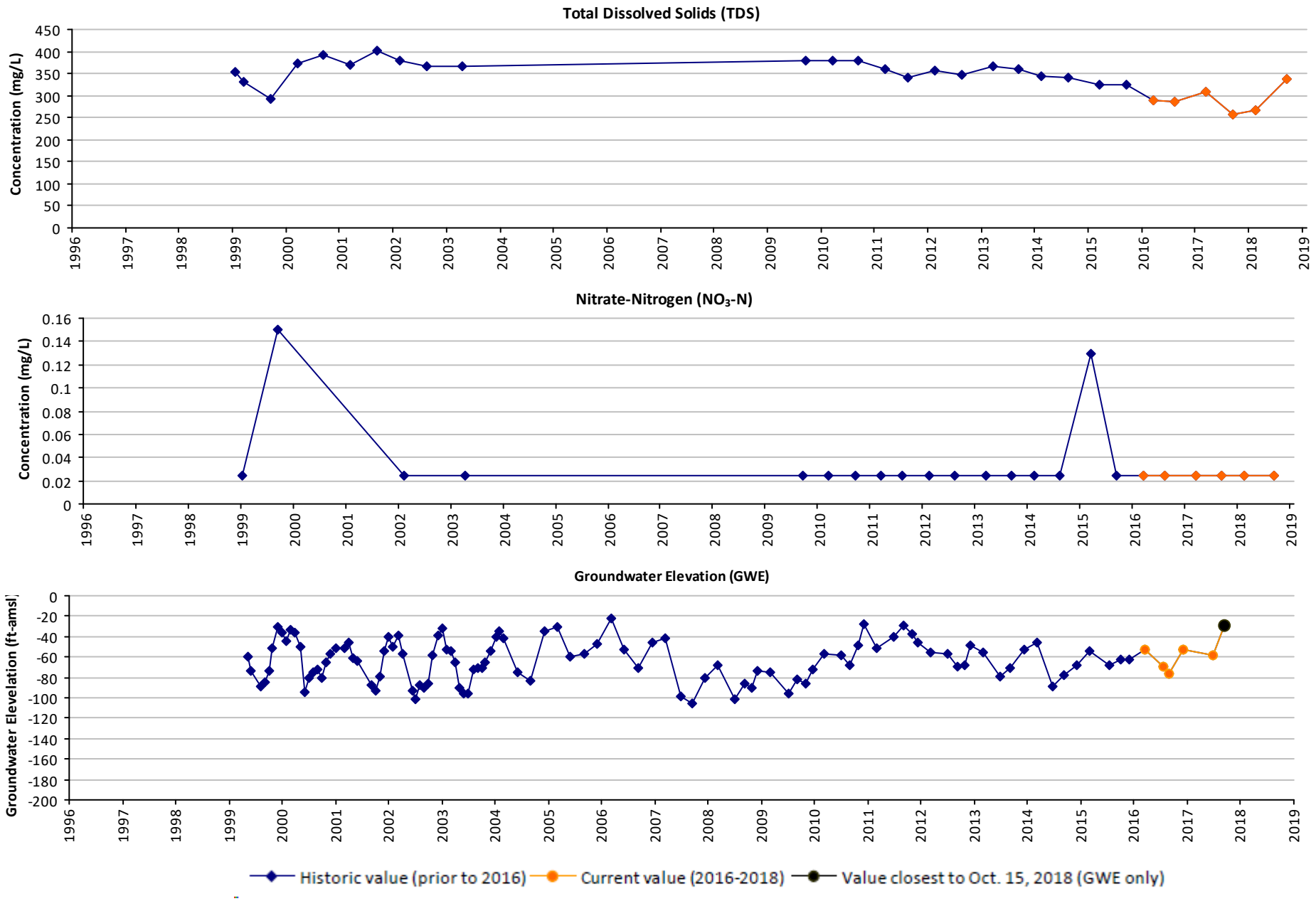

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

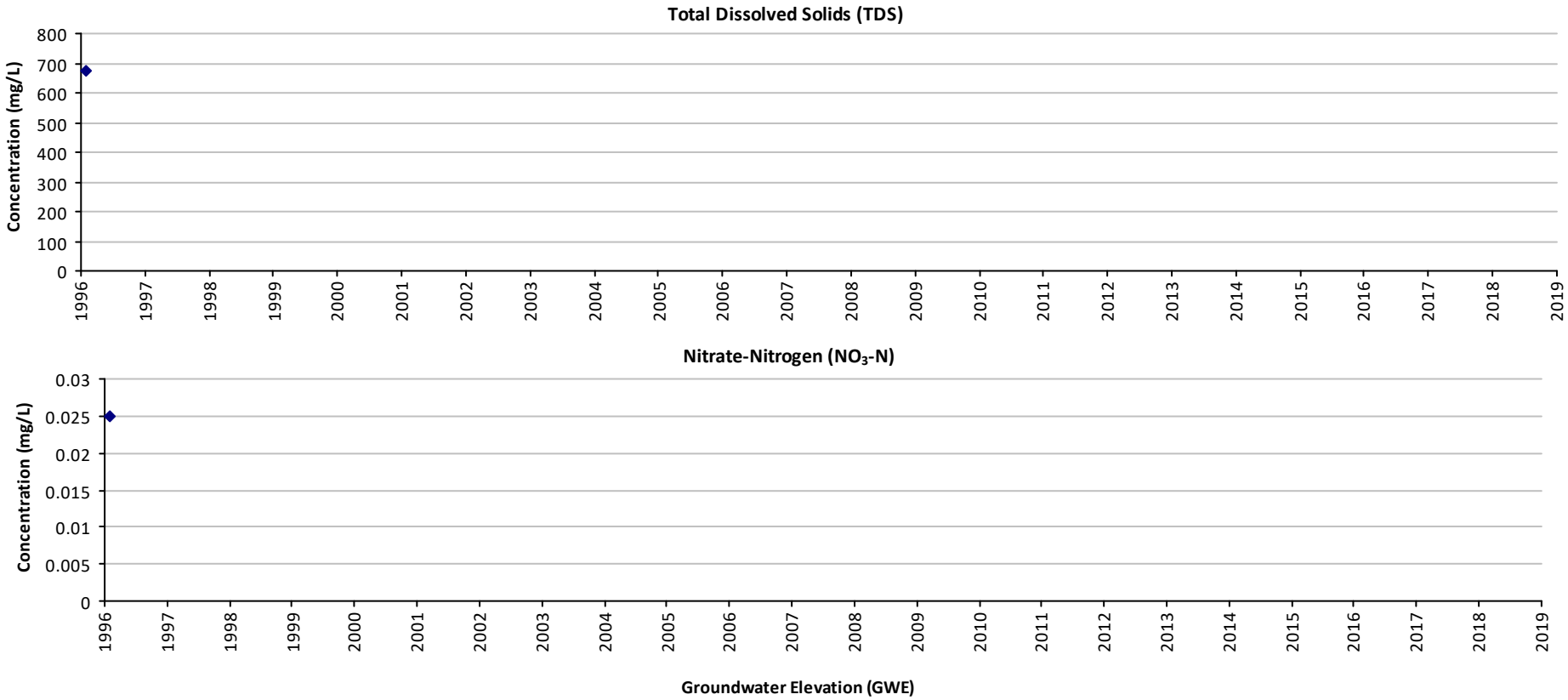

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

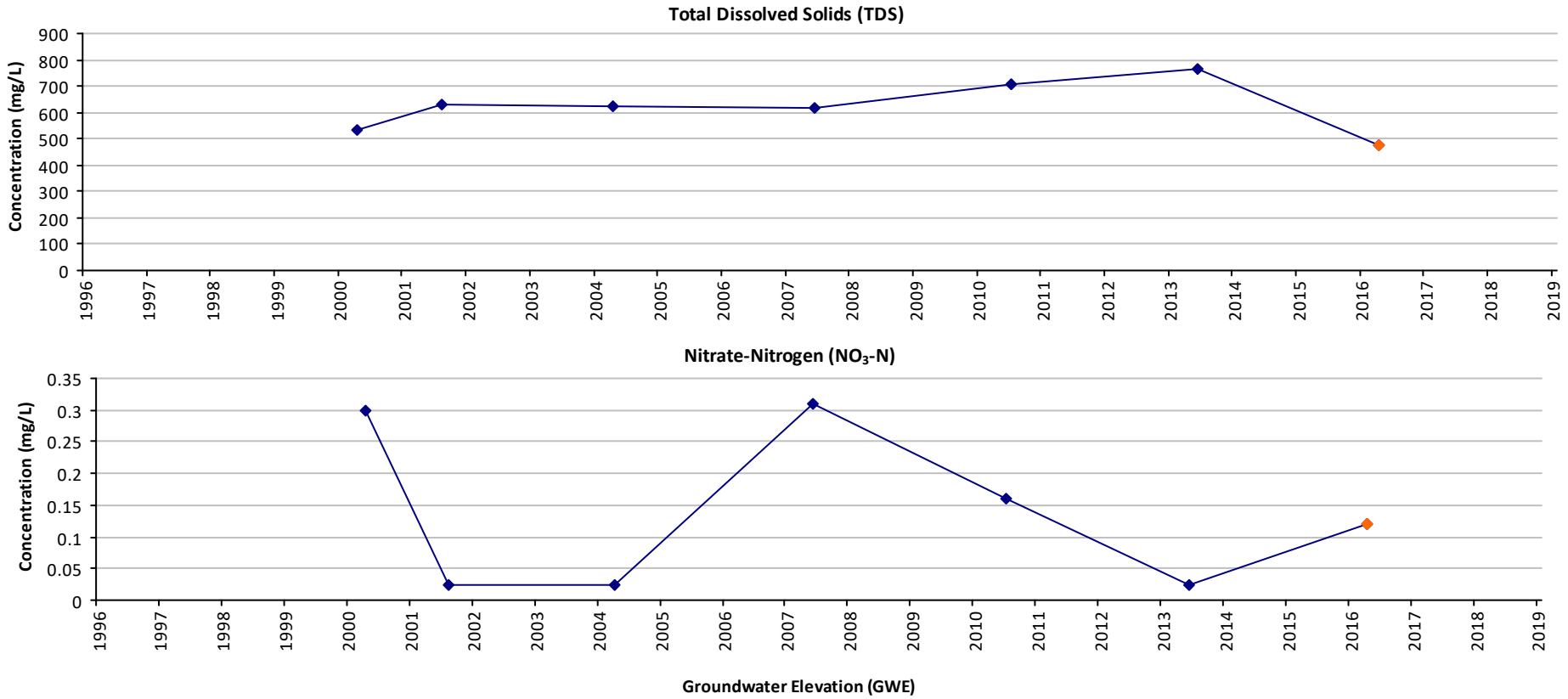

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

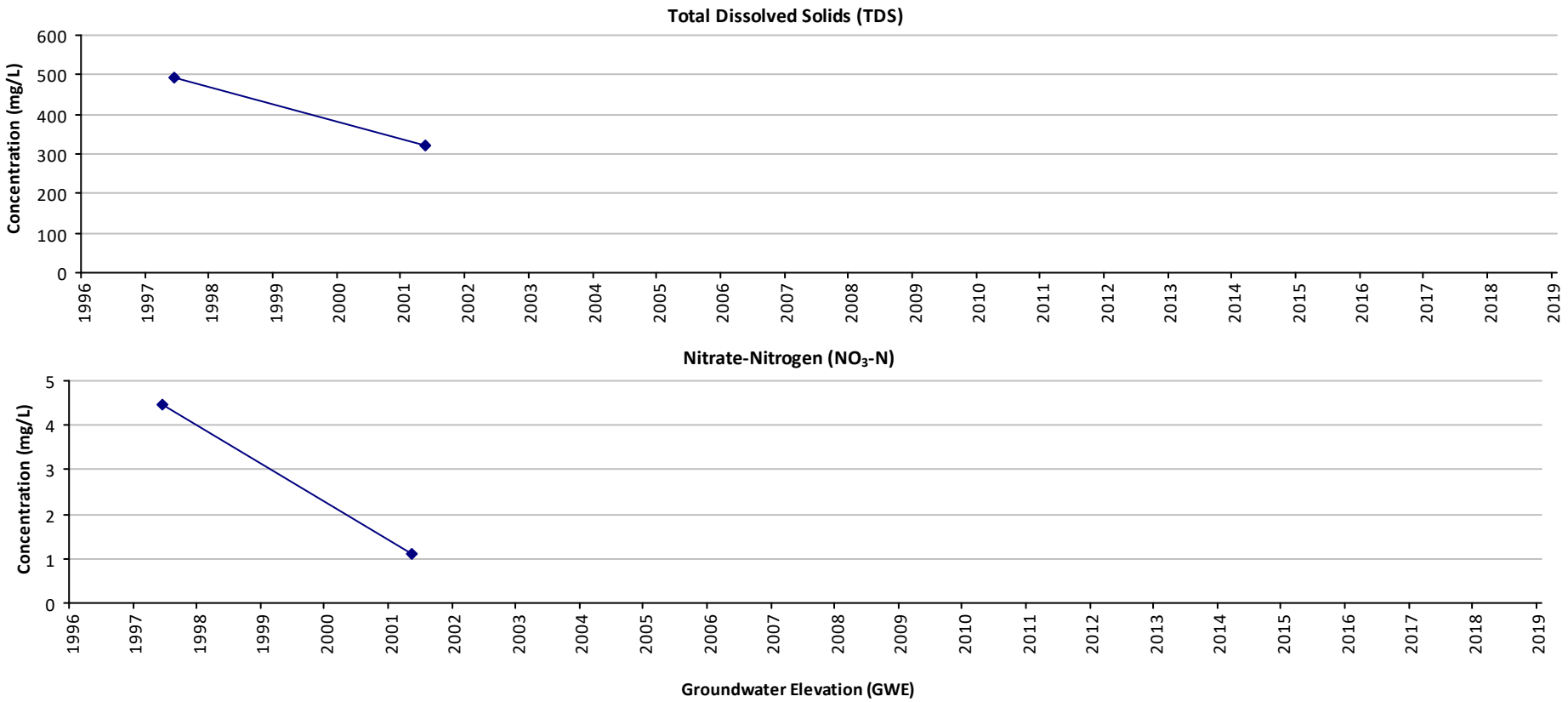

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

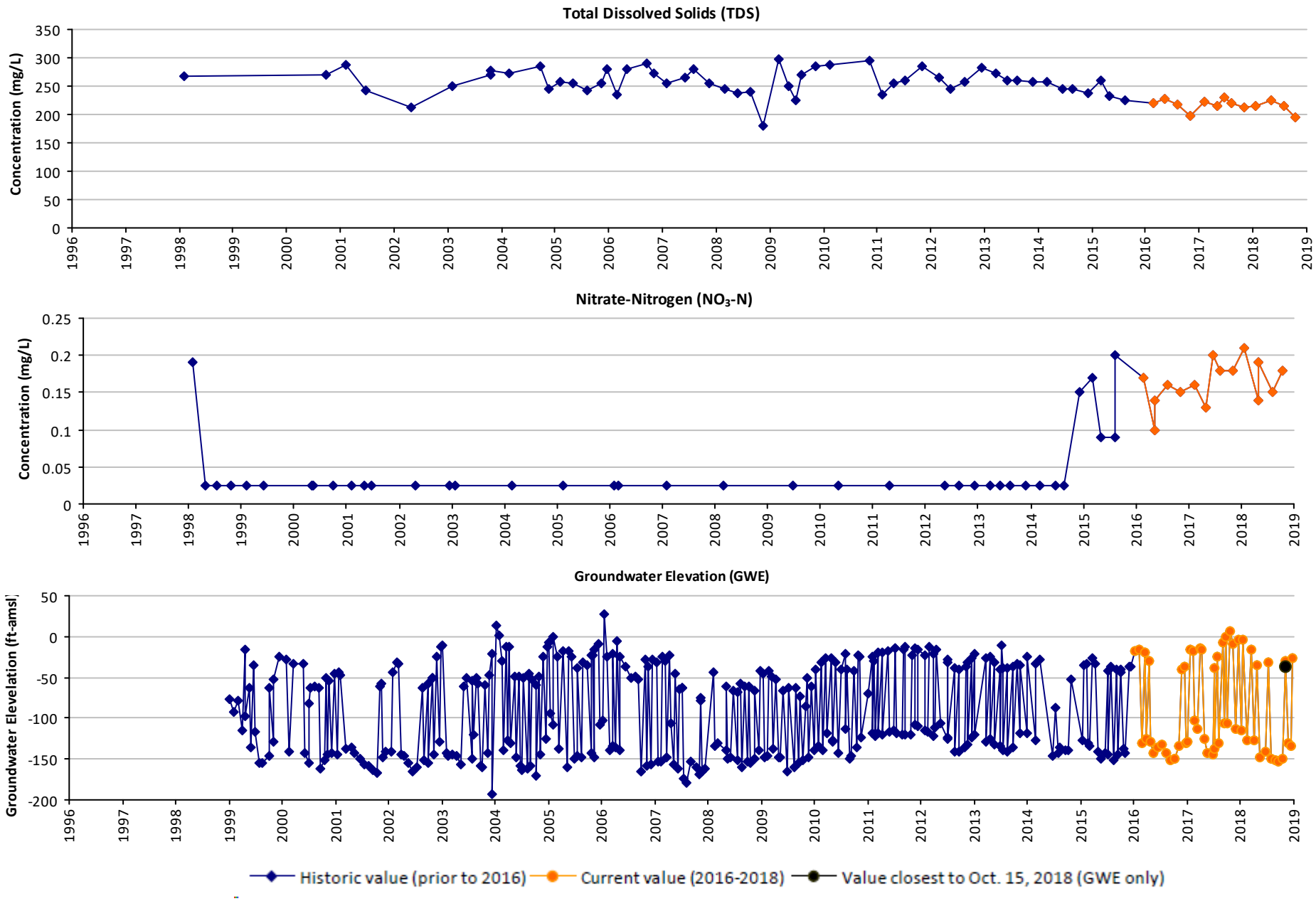

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

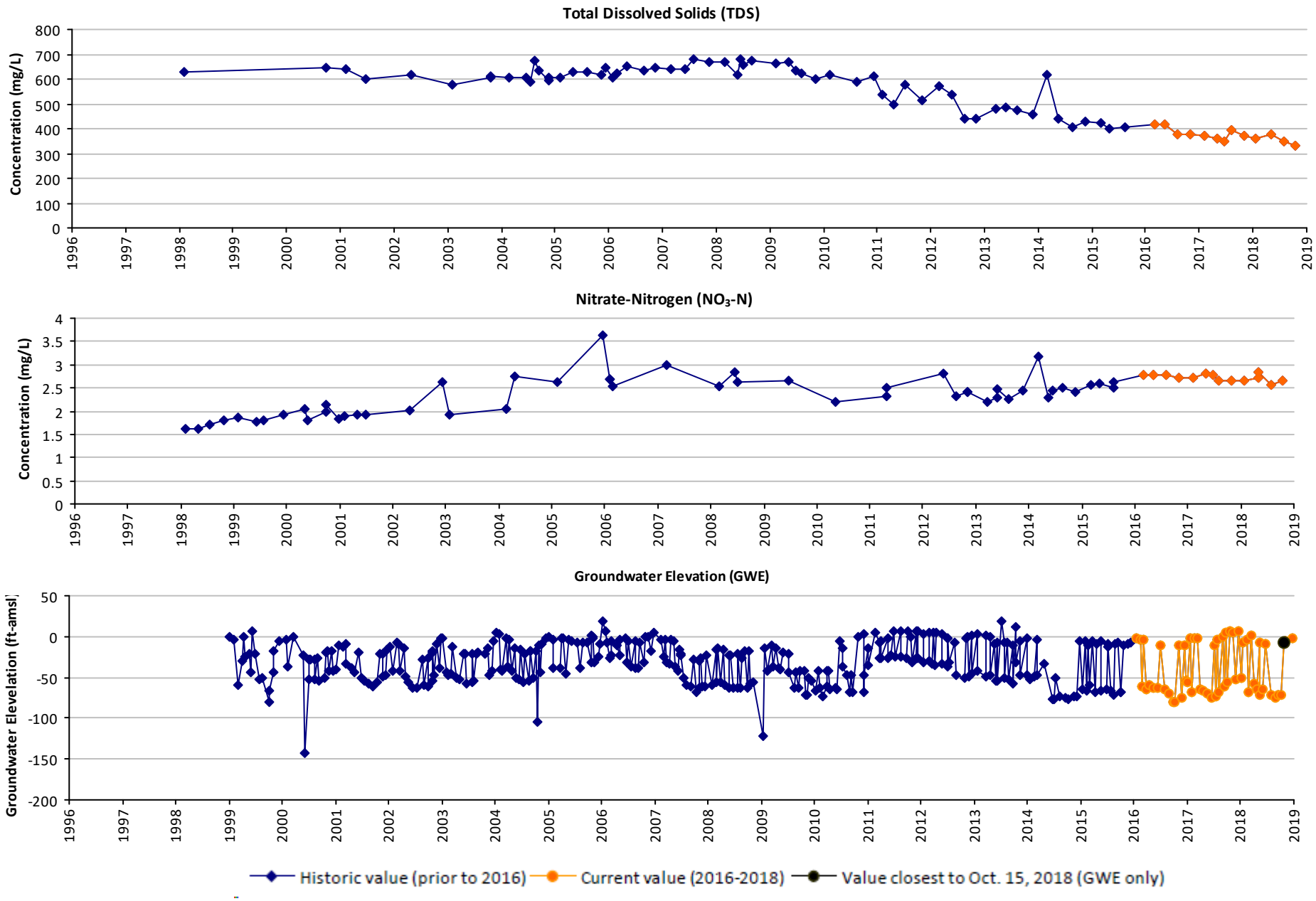

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

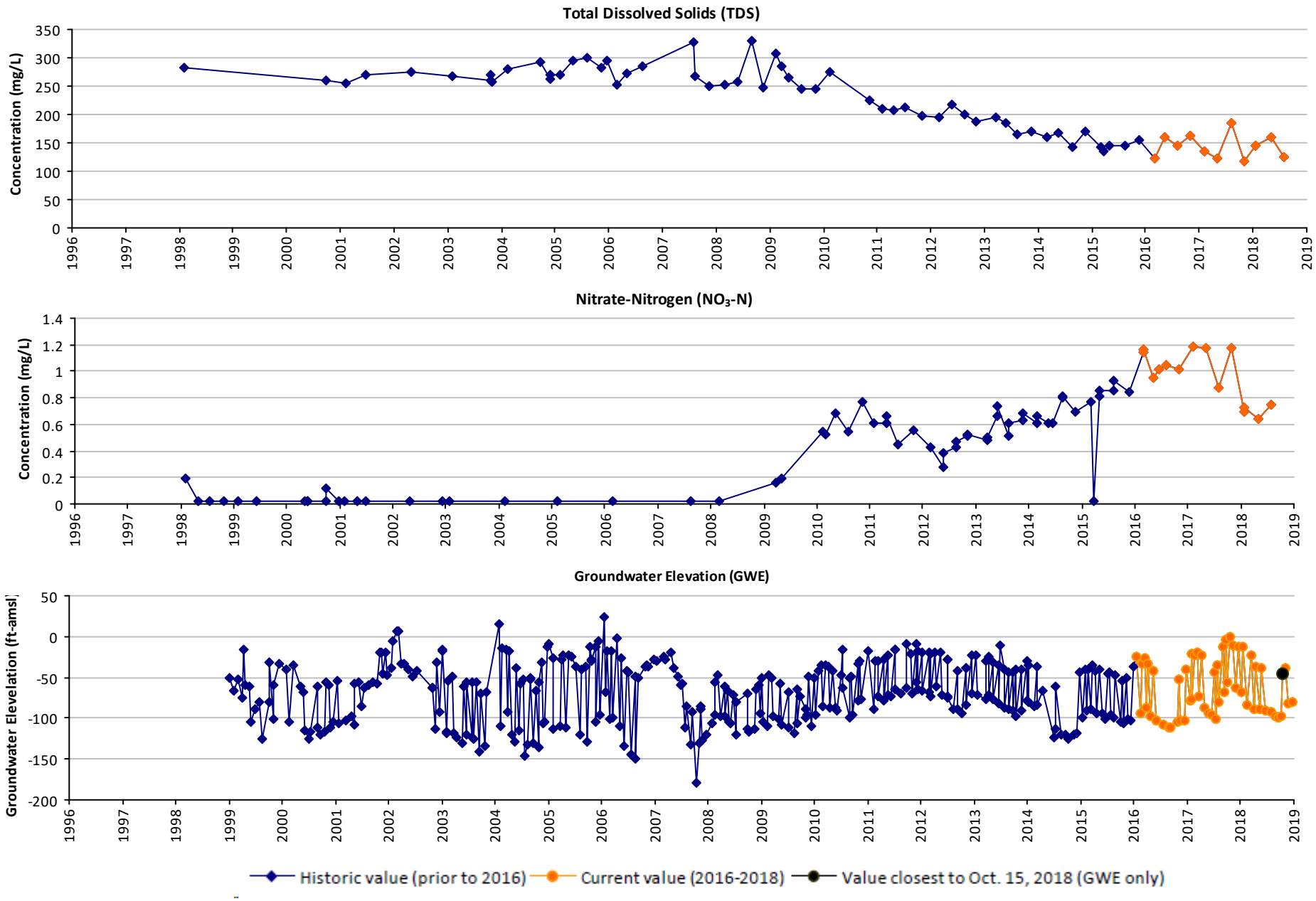


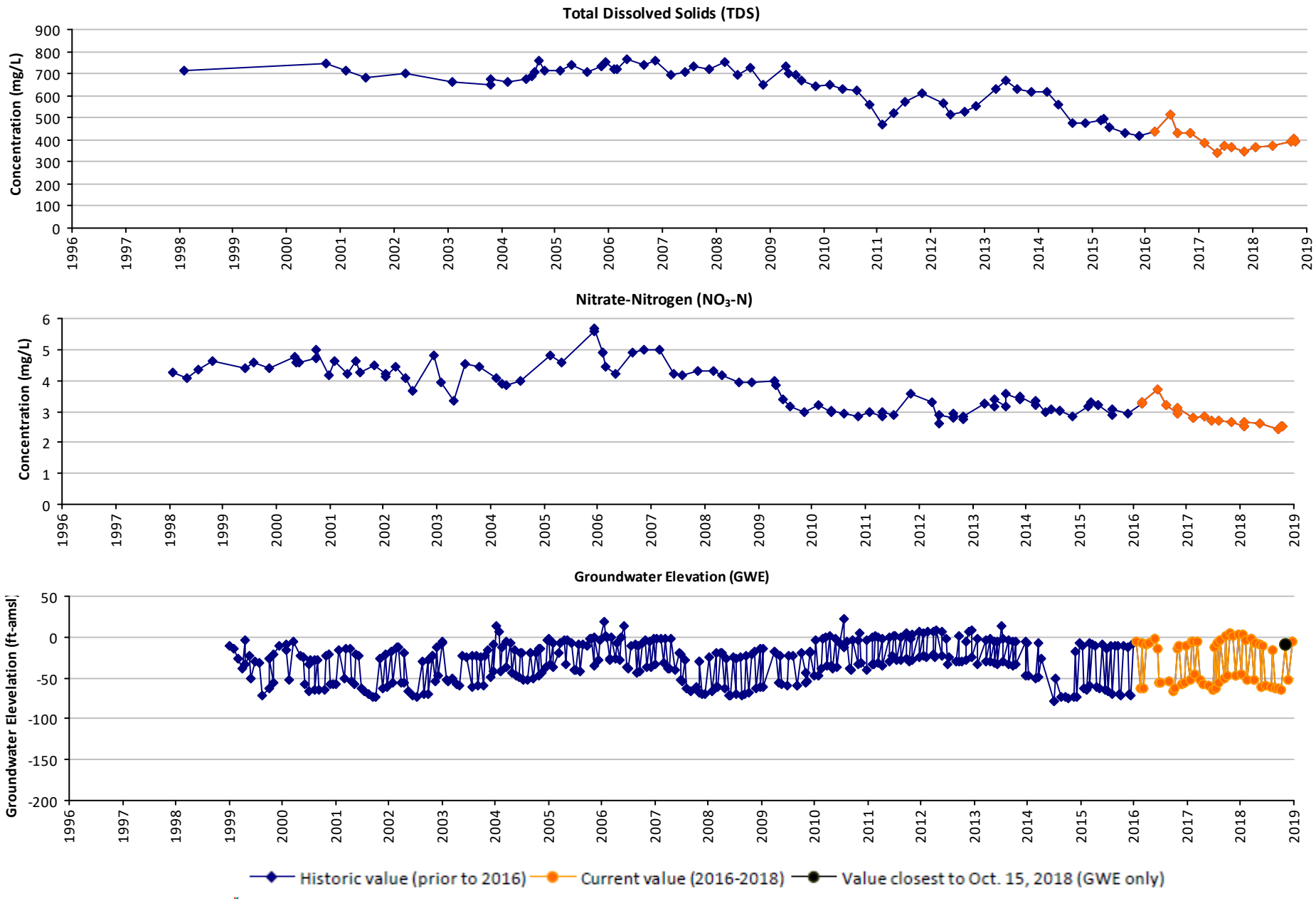
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

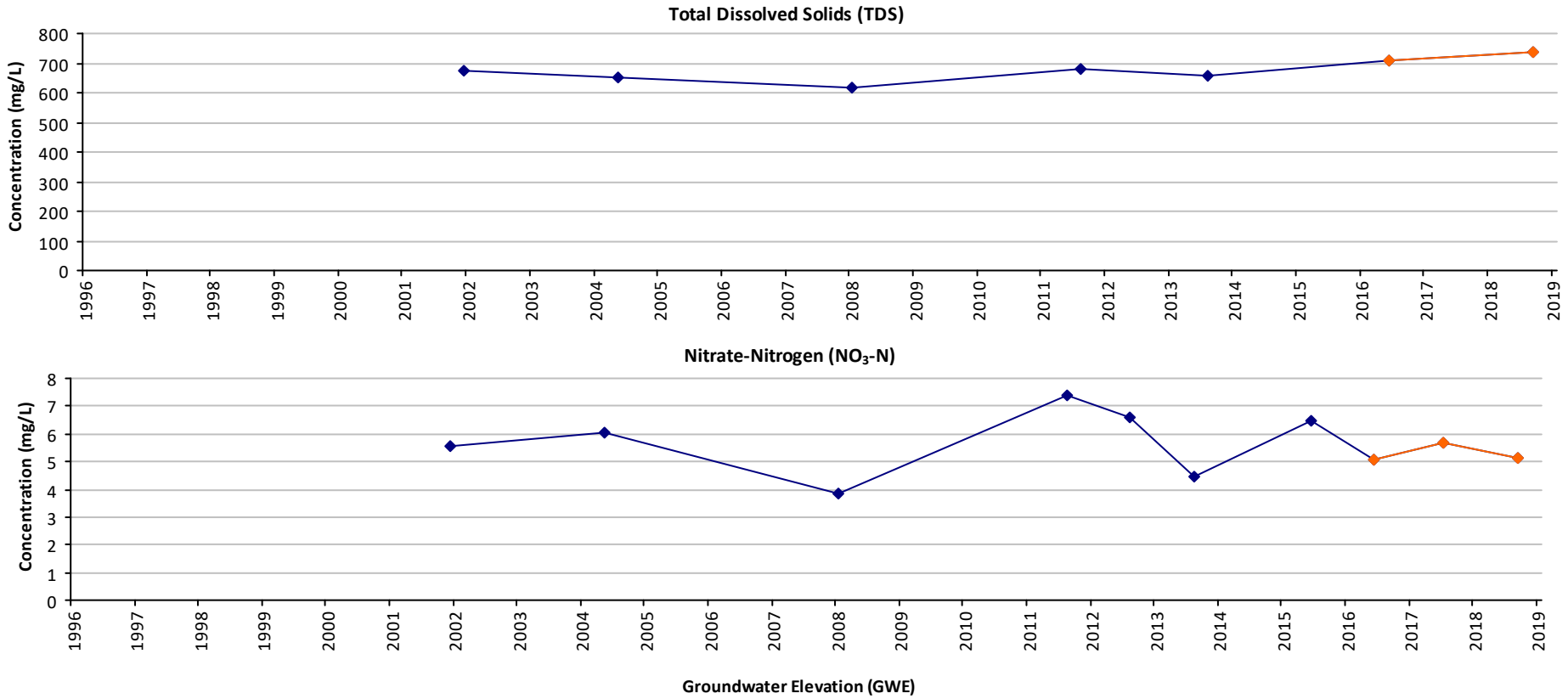

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

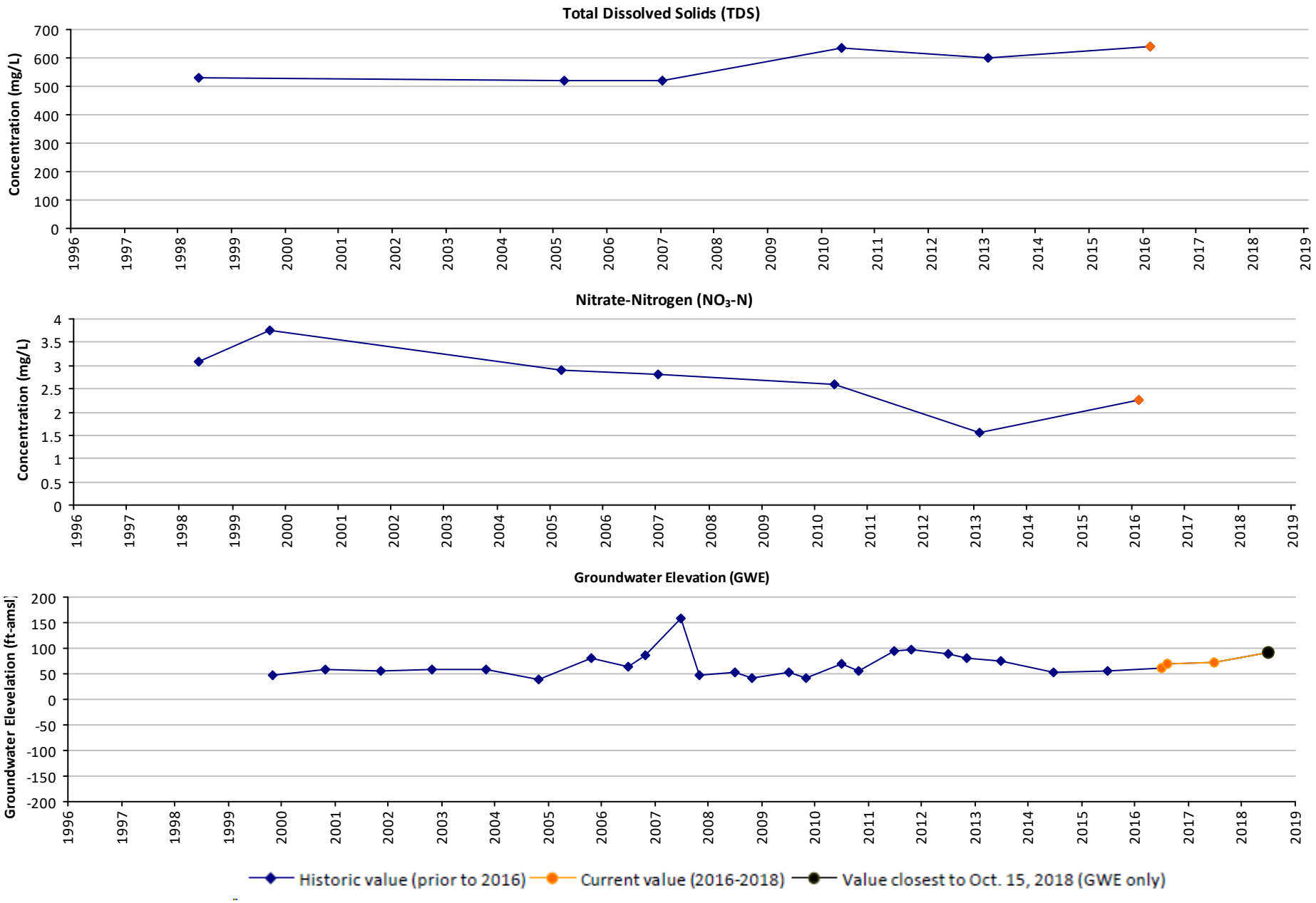

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

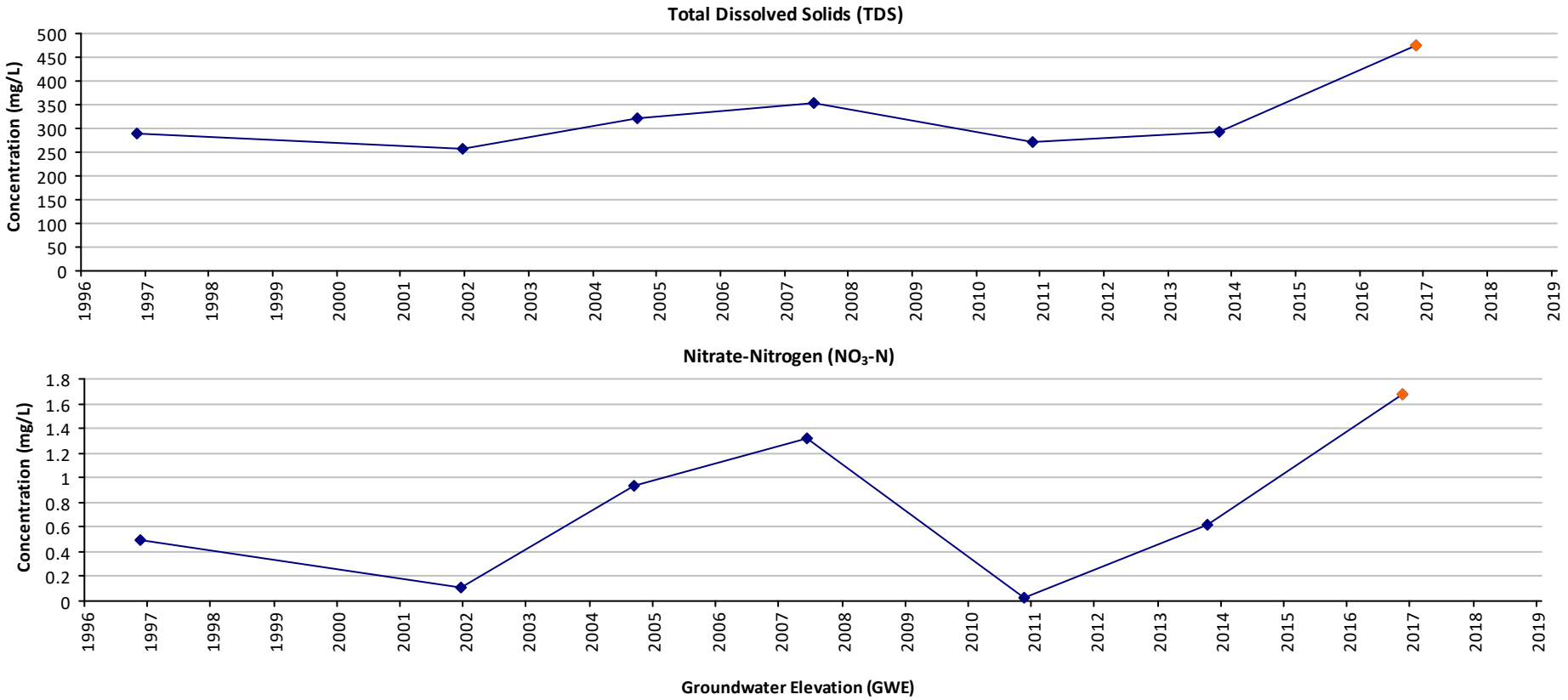

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

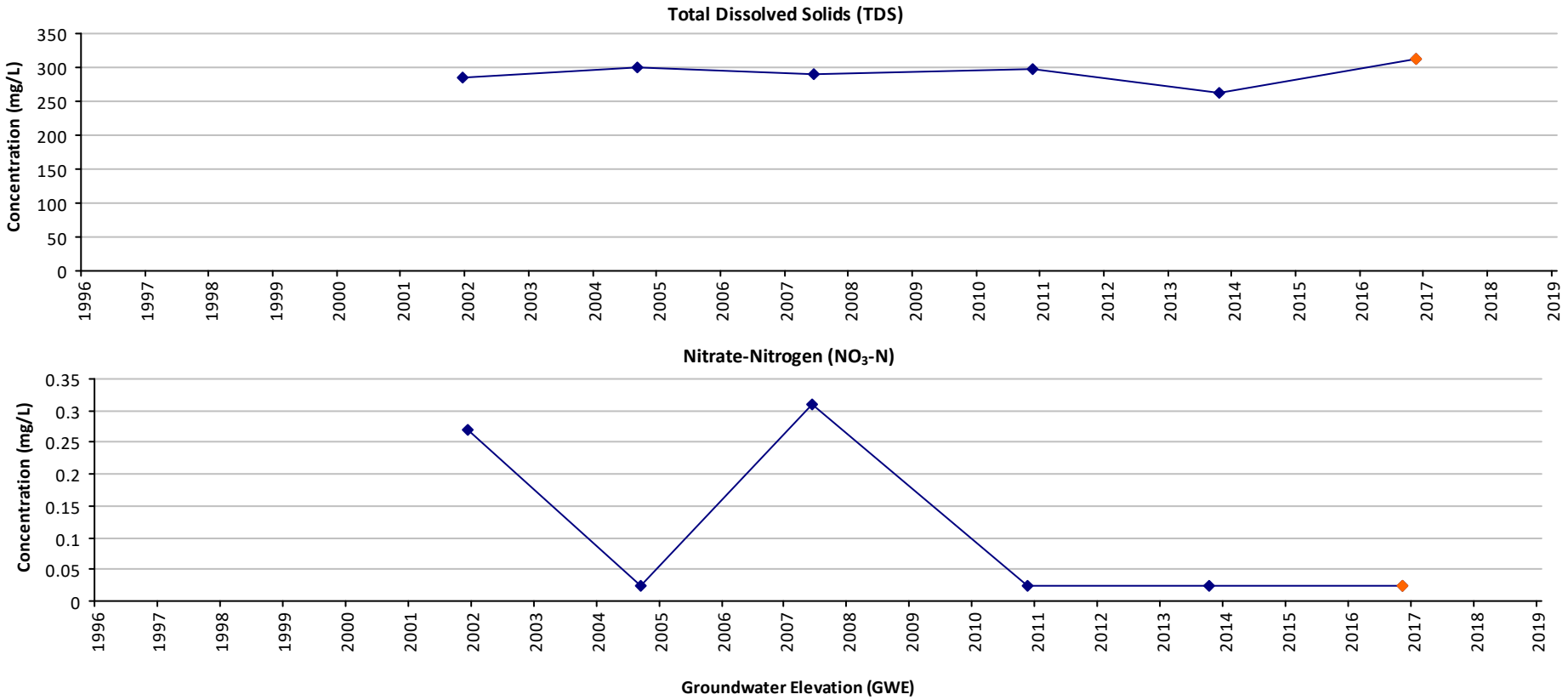

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

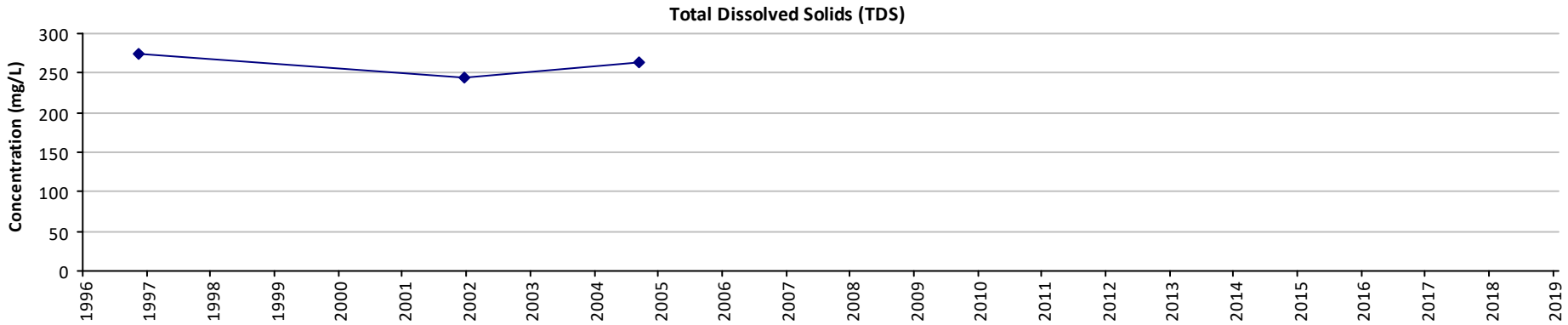

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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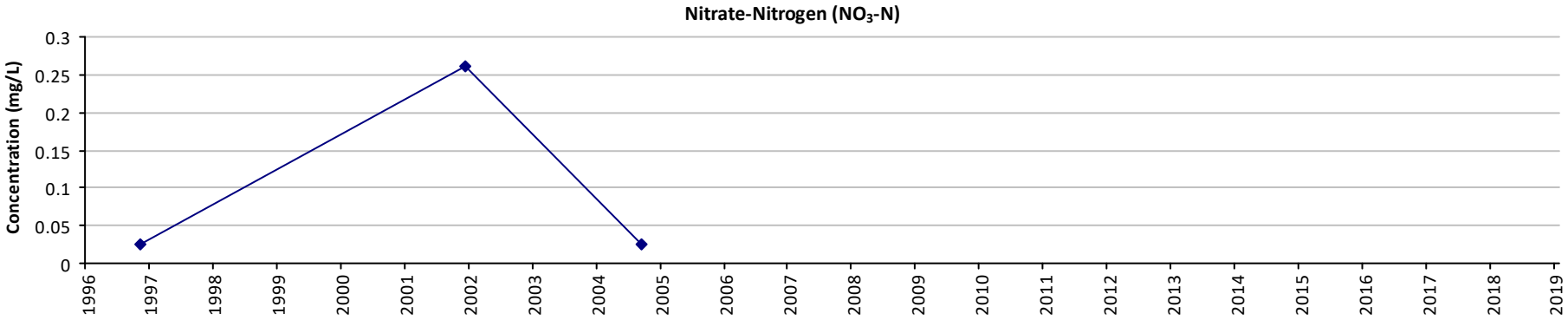
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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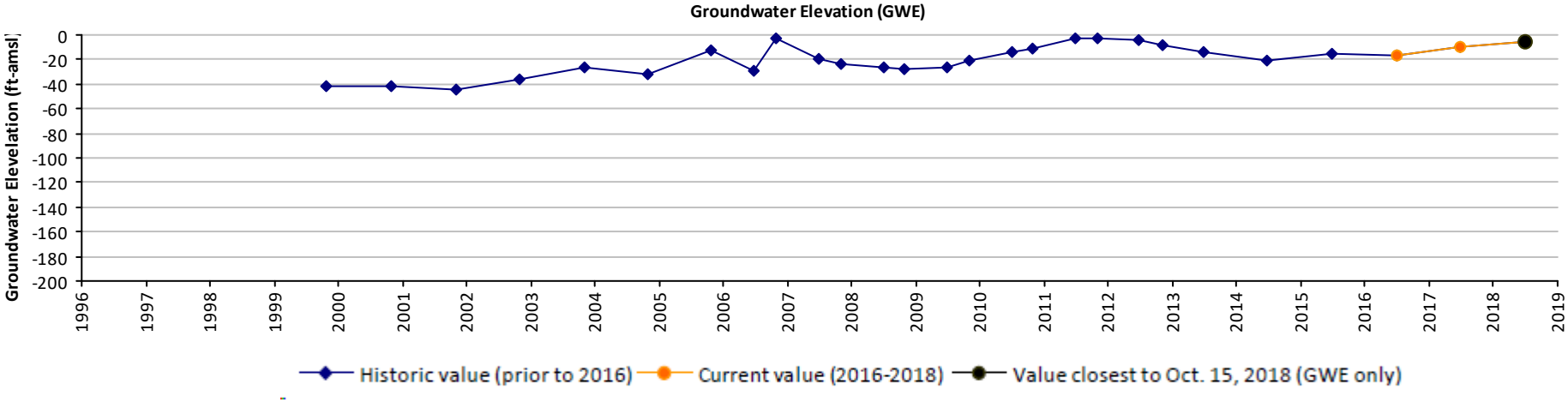
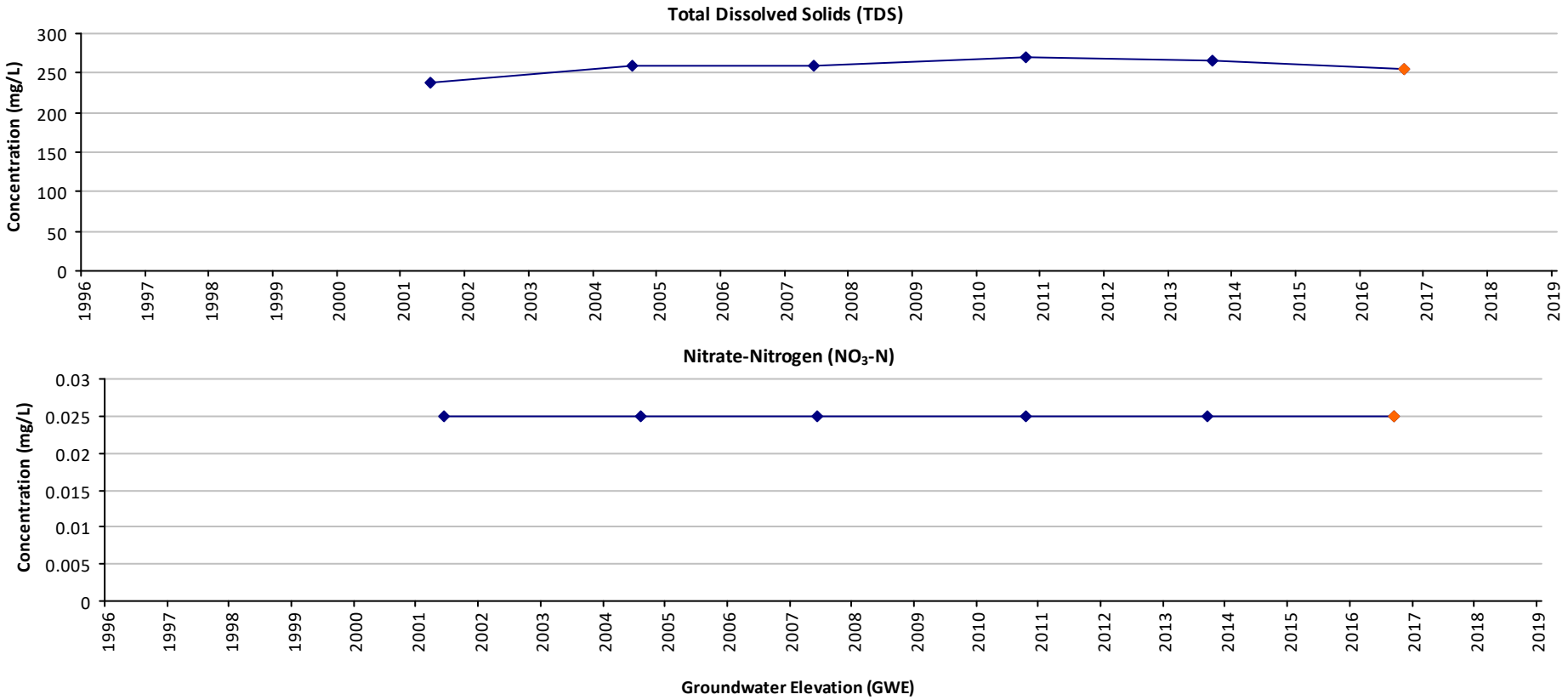
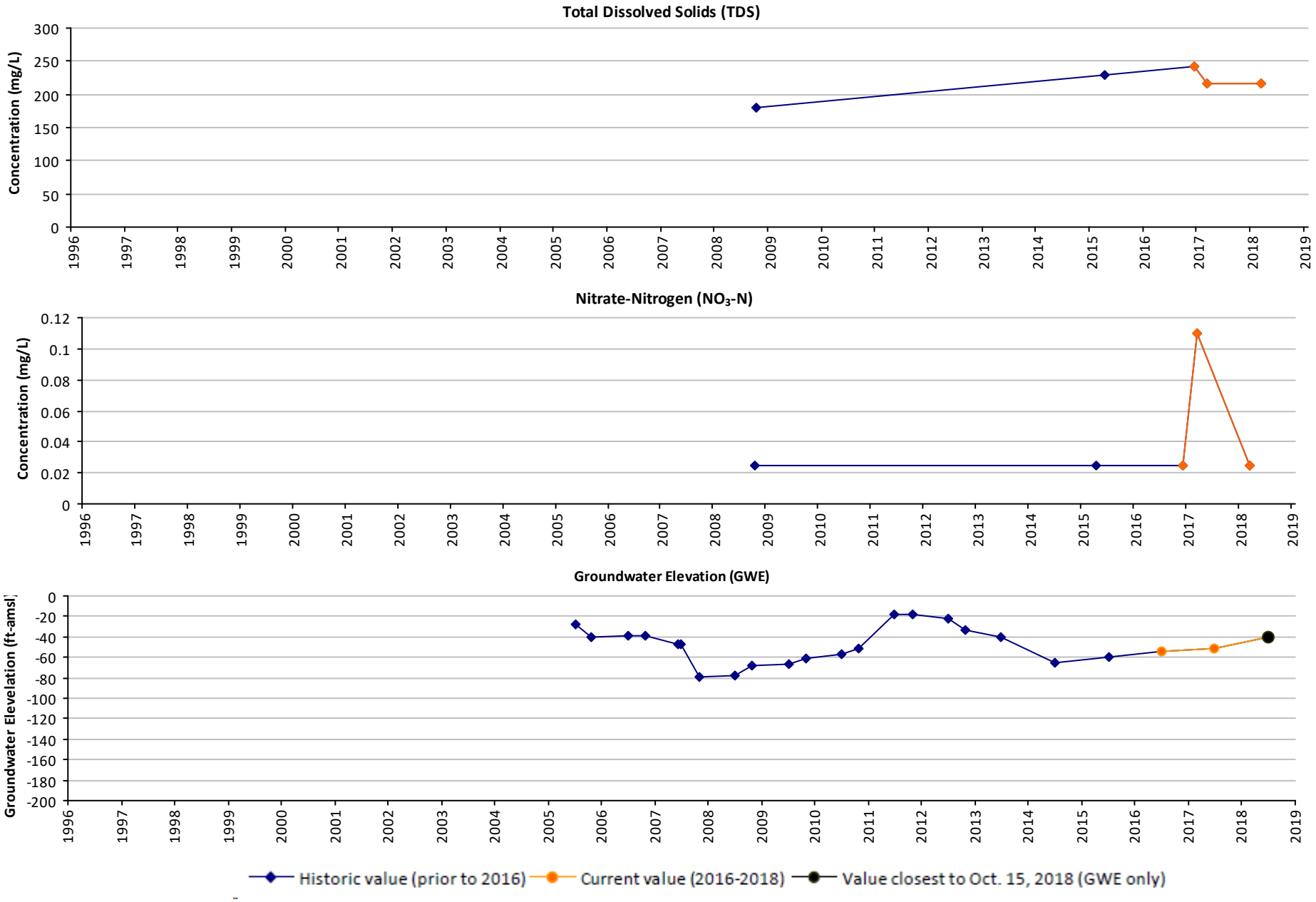
2013
2014
2015
2016
2017
2018
2019

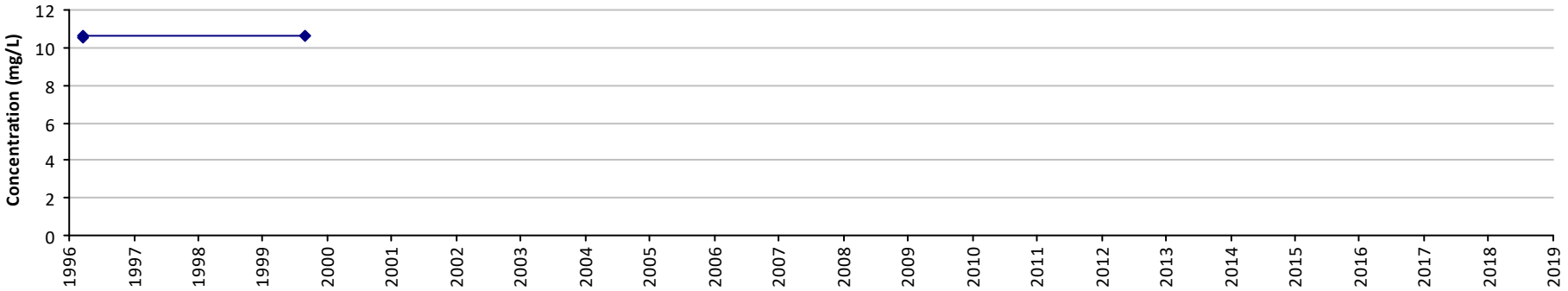

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

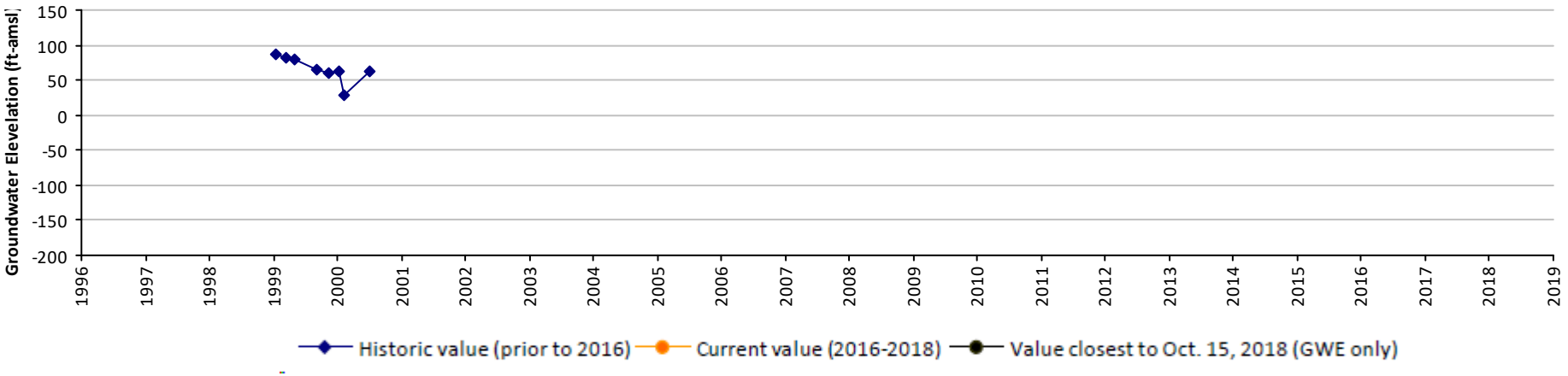

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

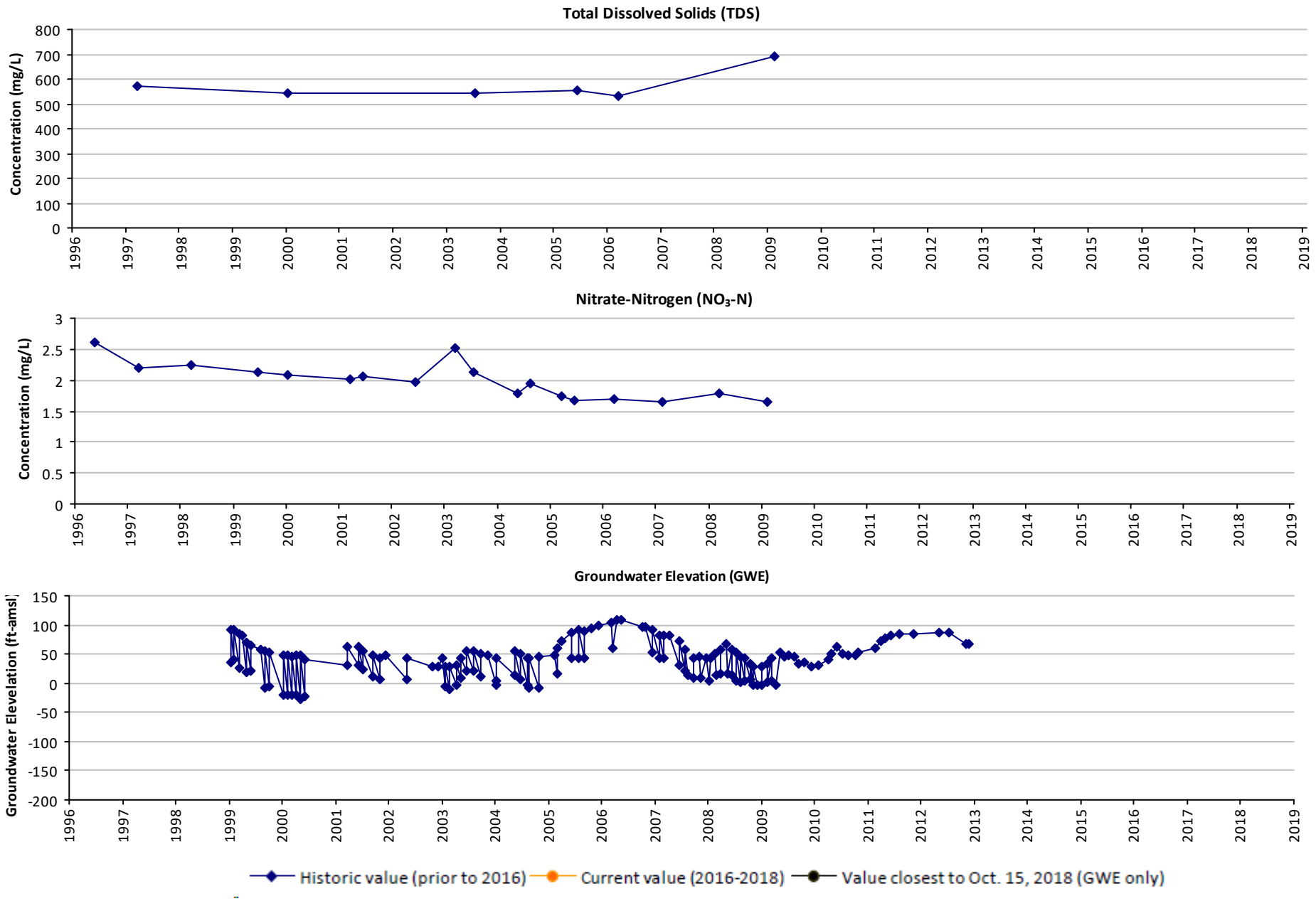
Total Dissolved Solids (TDS)

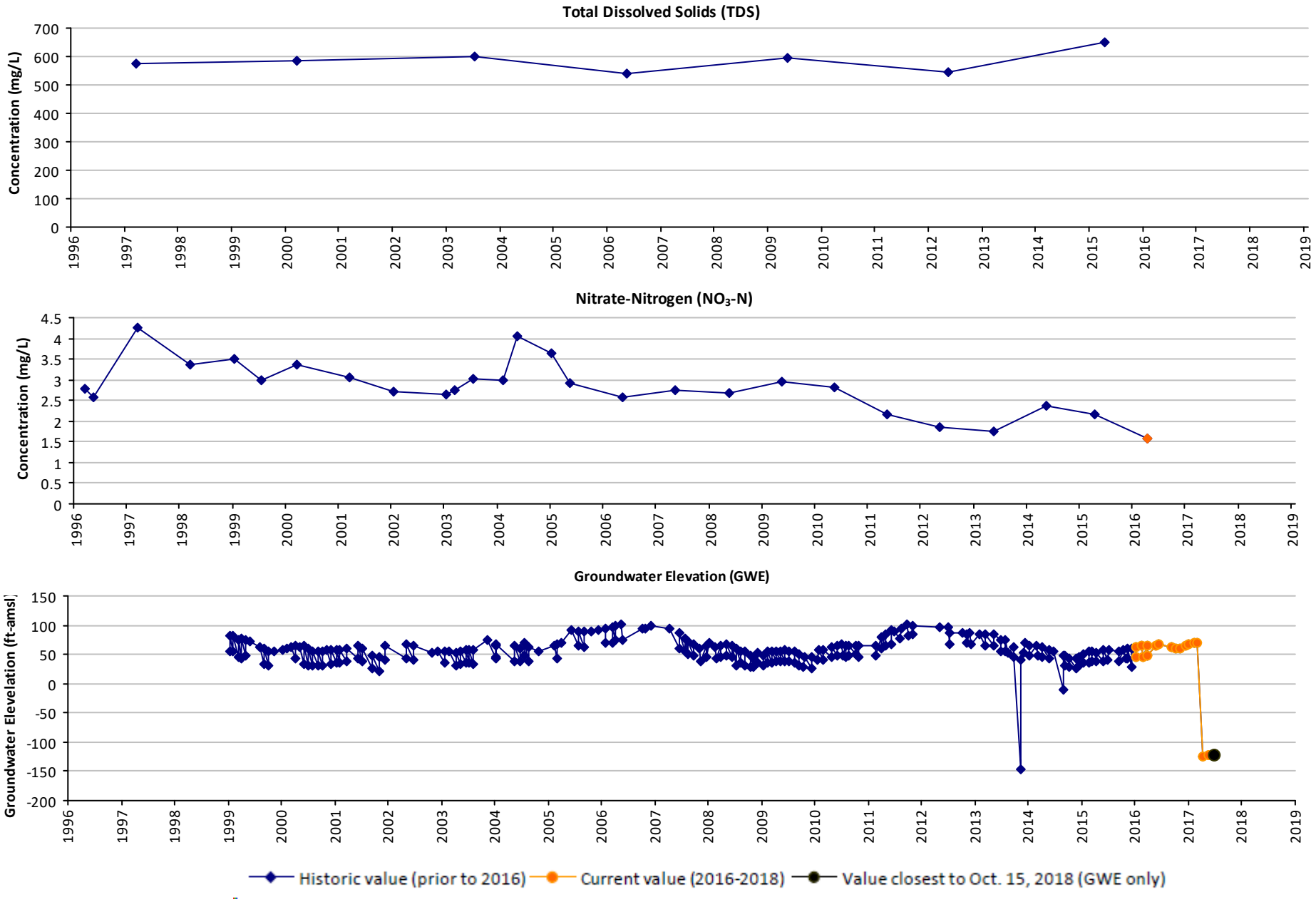
Nitrate-Nitrogen (NO_3-N)

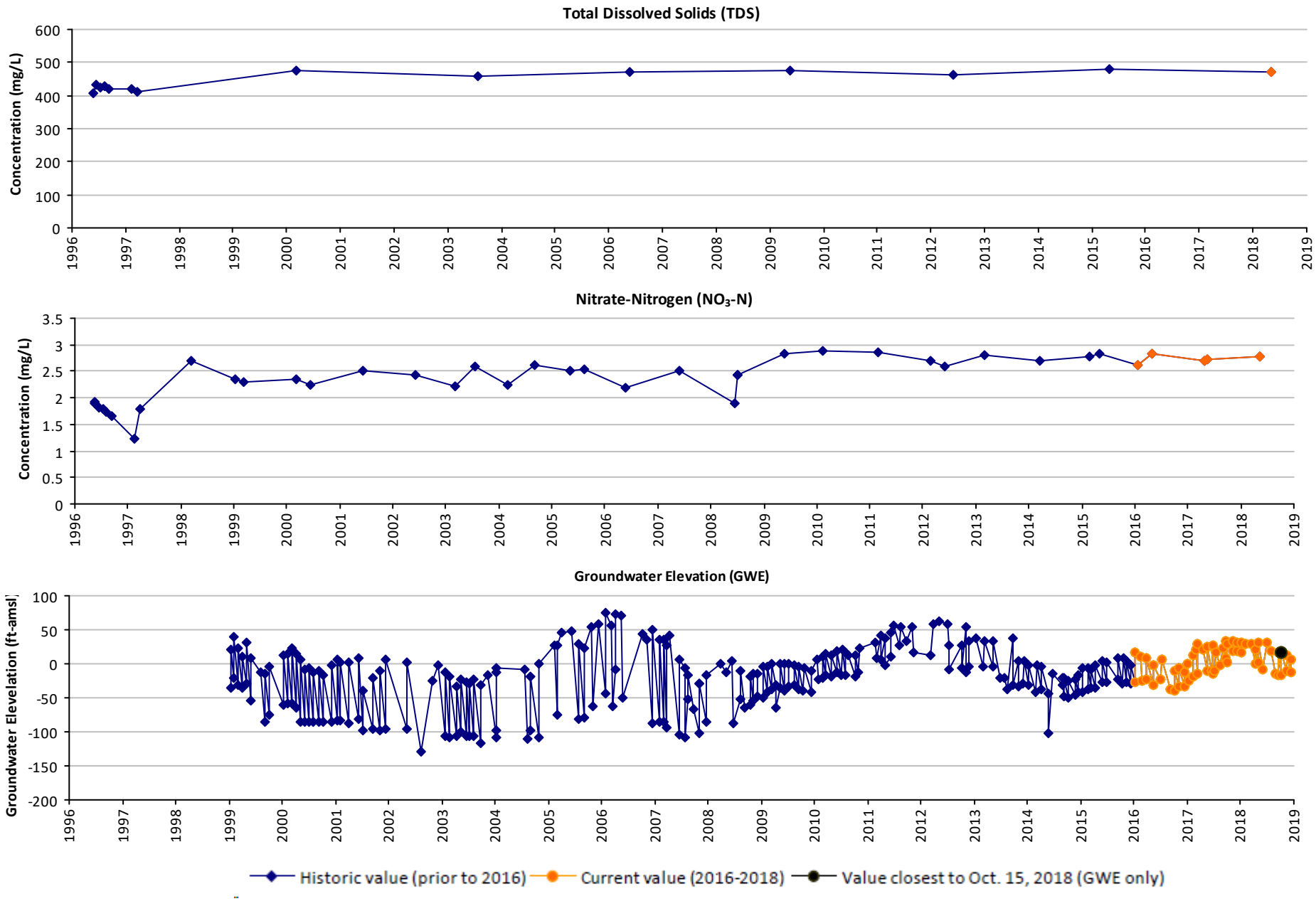


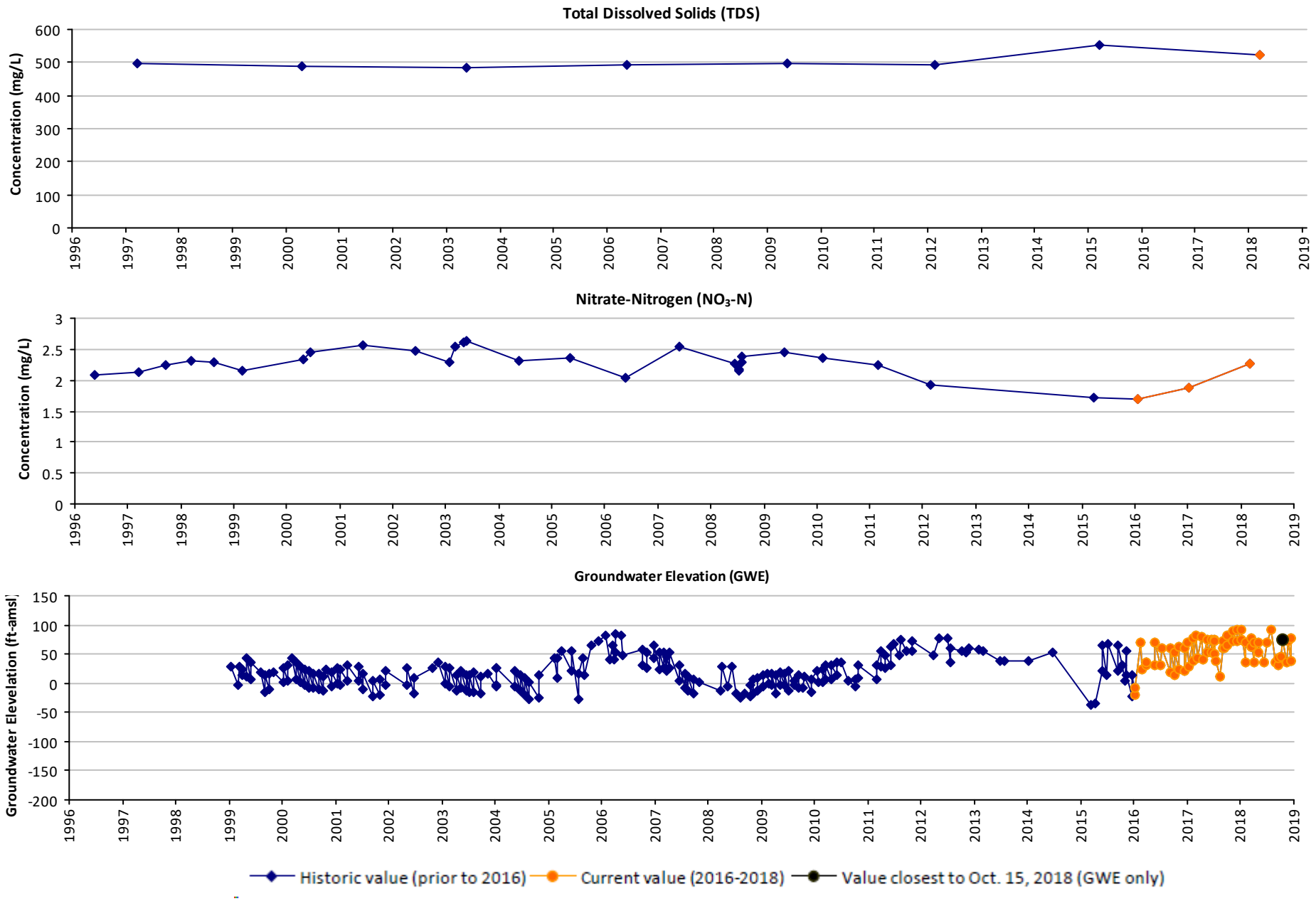
Groundwater Elevation (GWE)

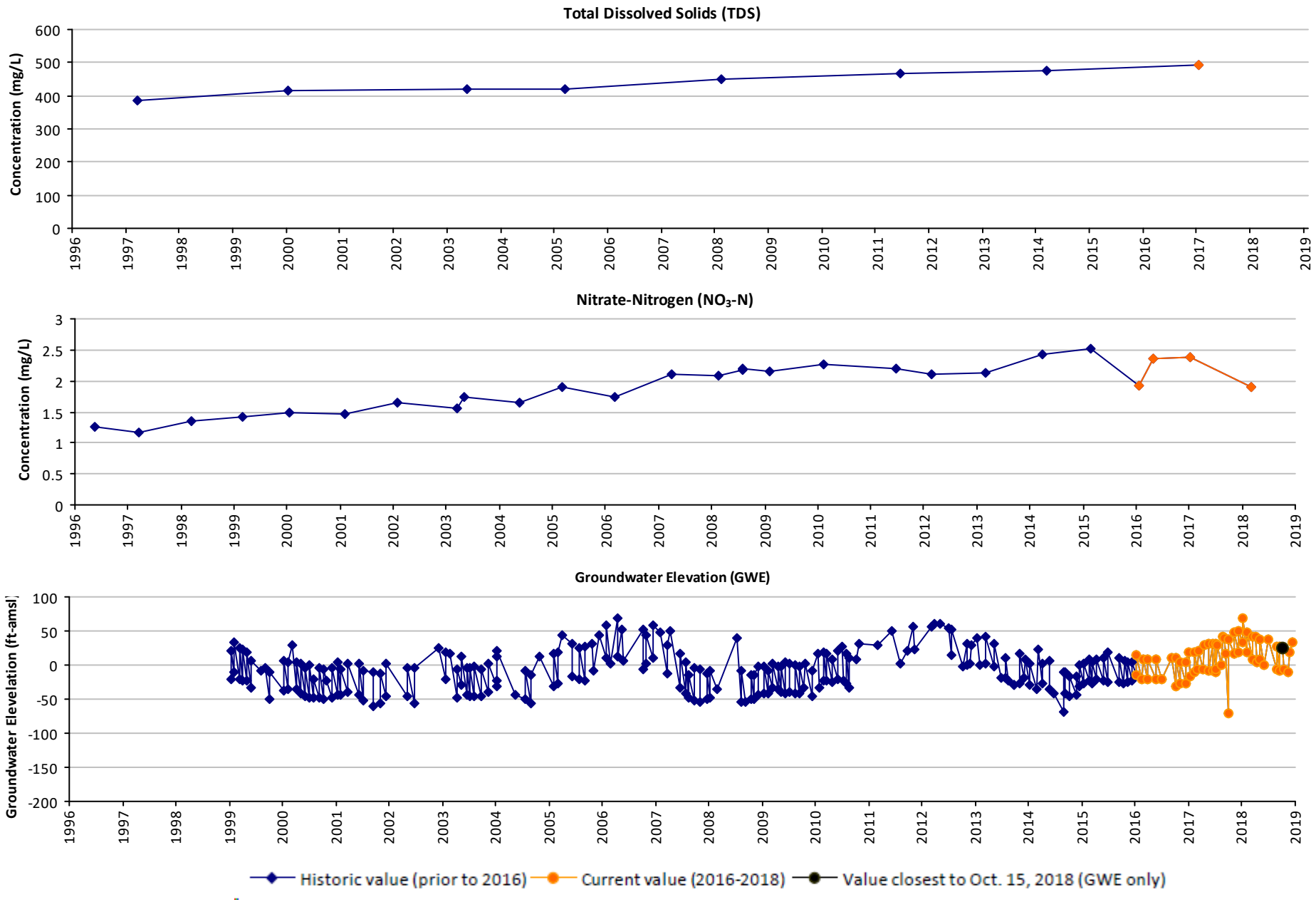


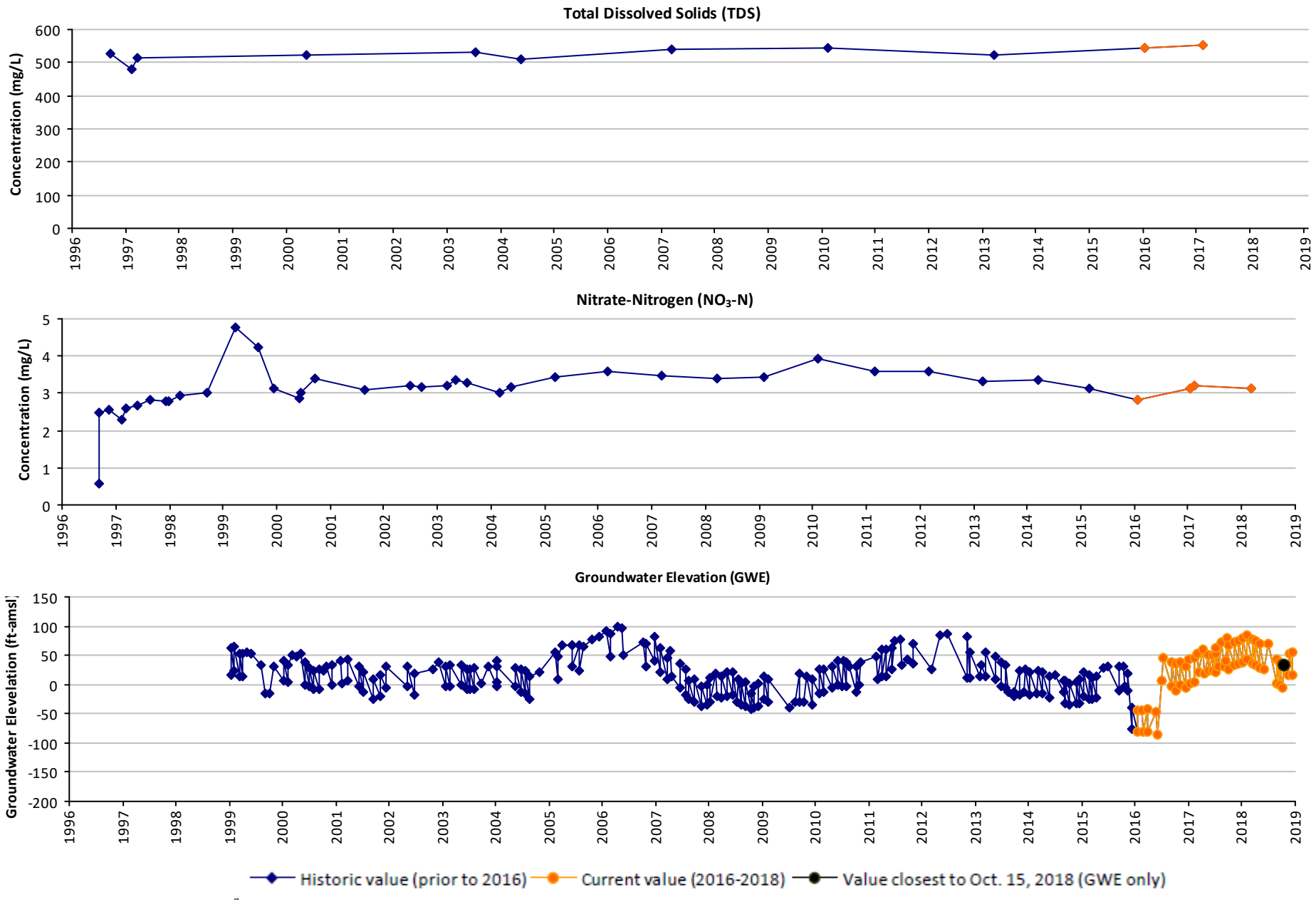

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

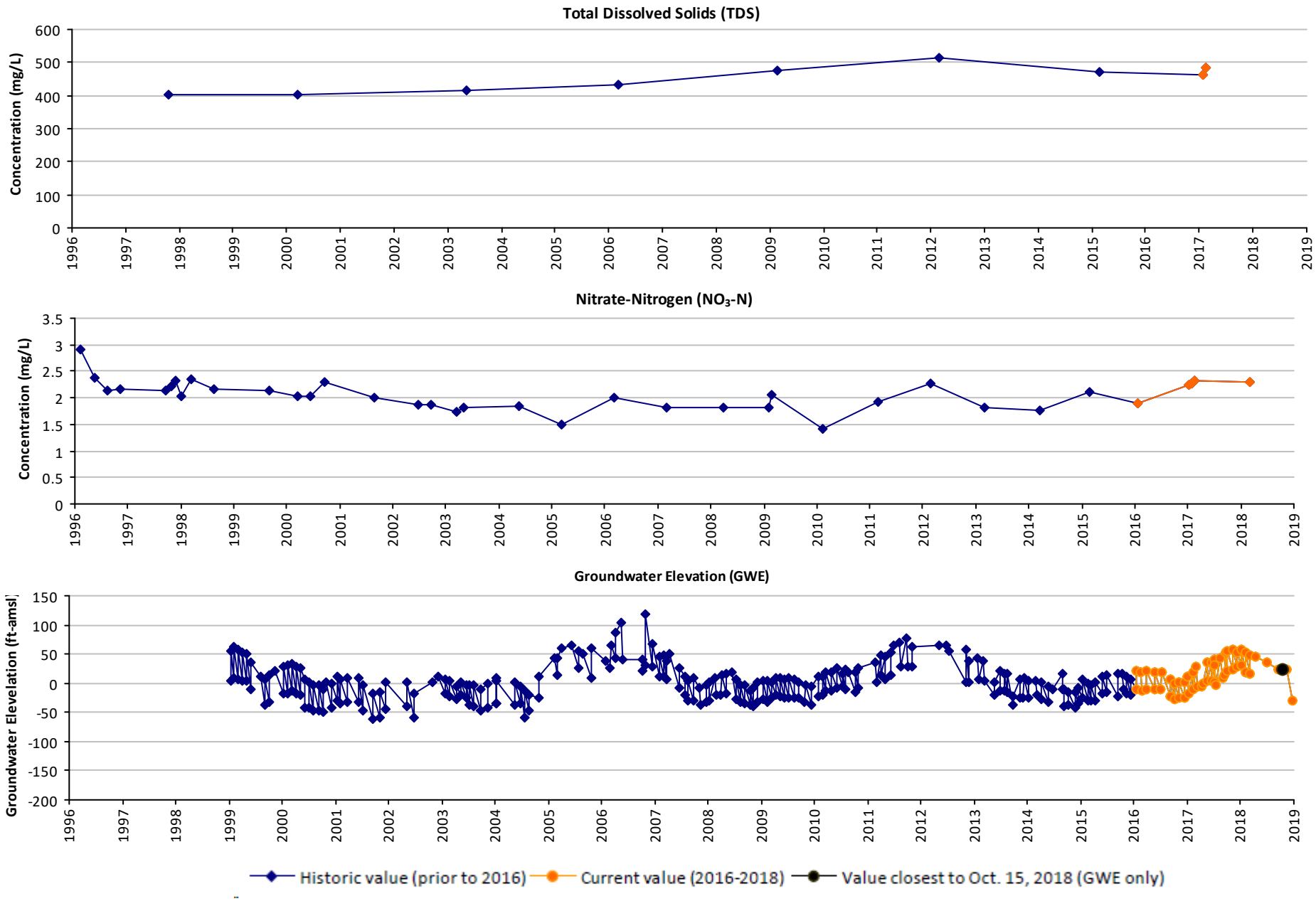

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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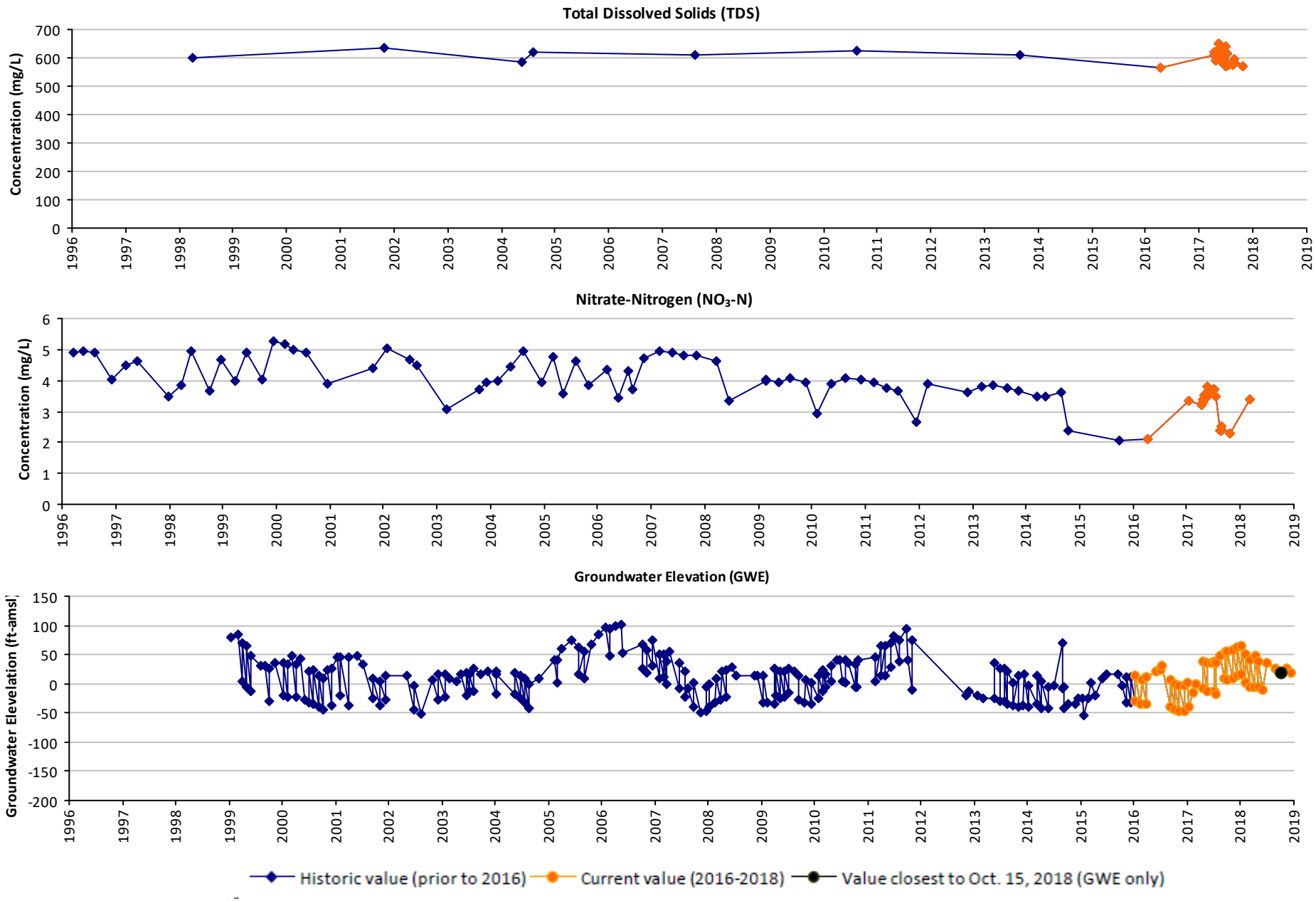
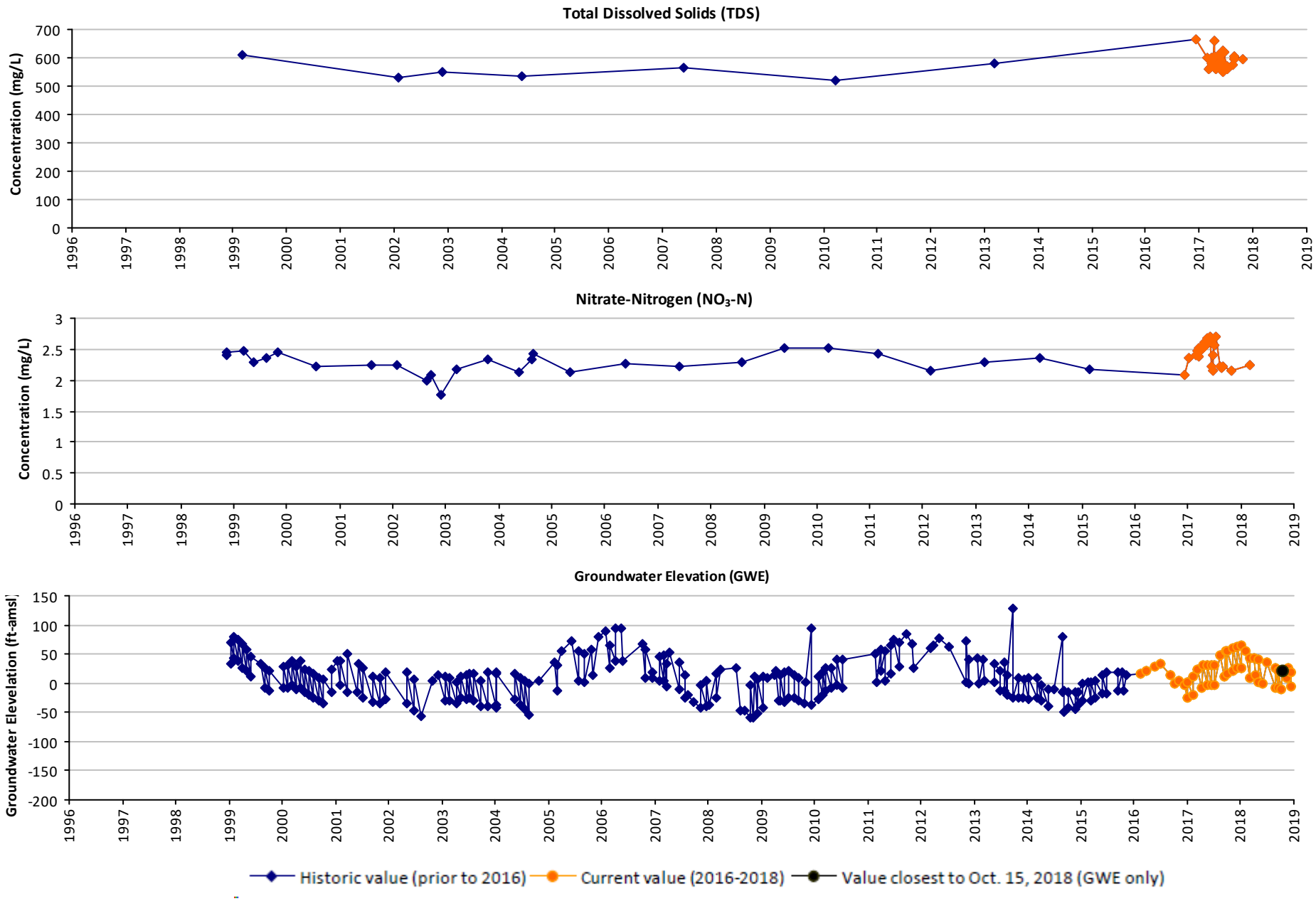
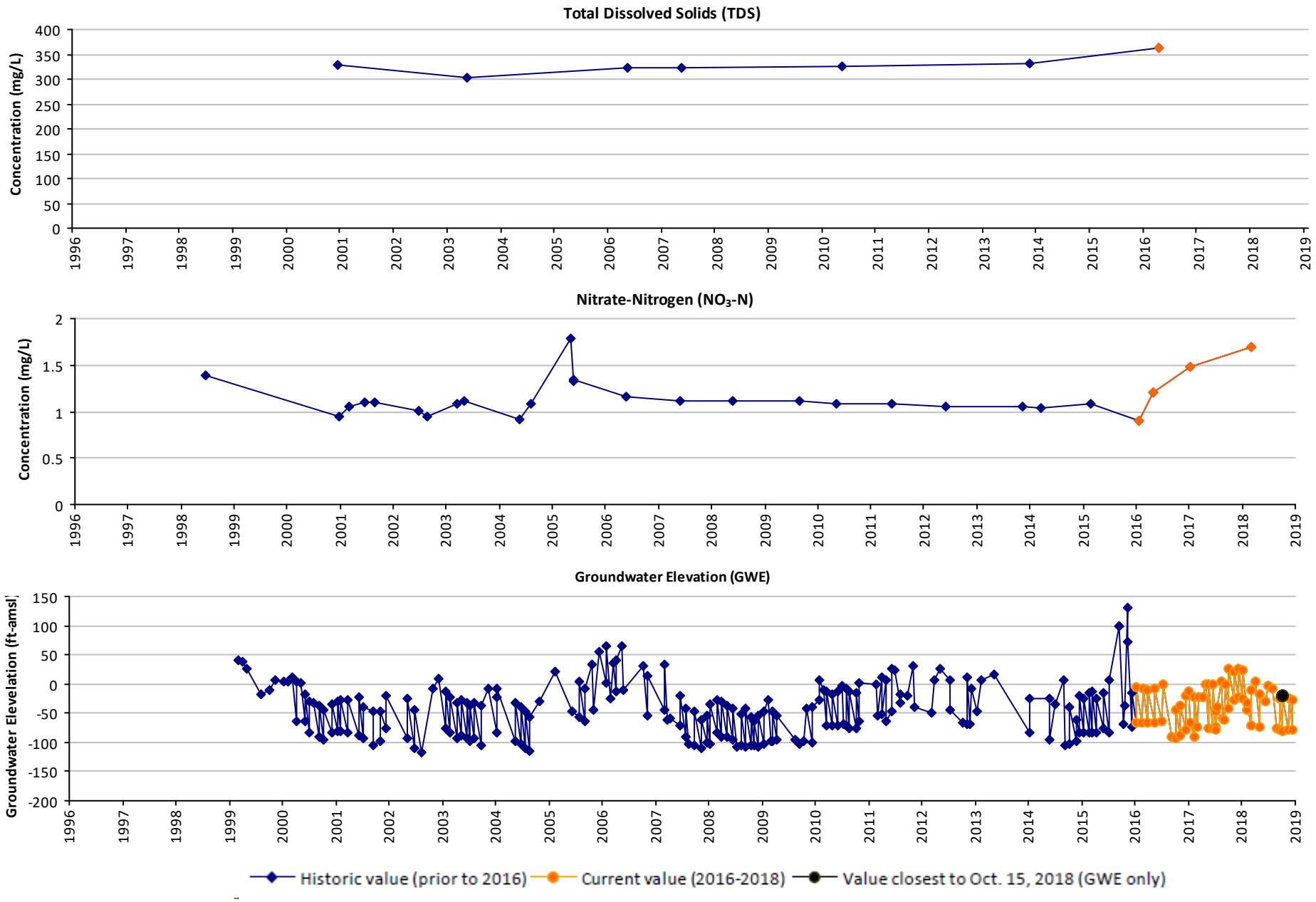
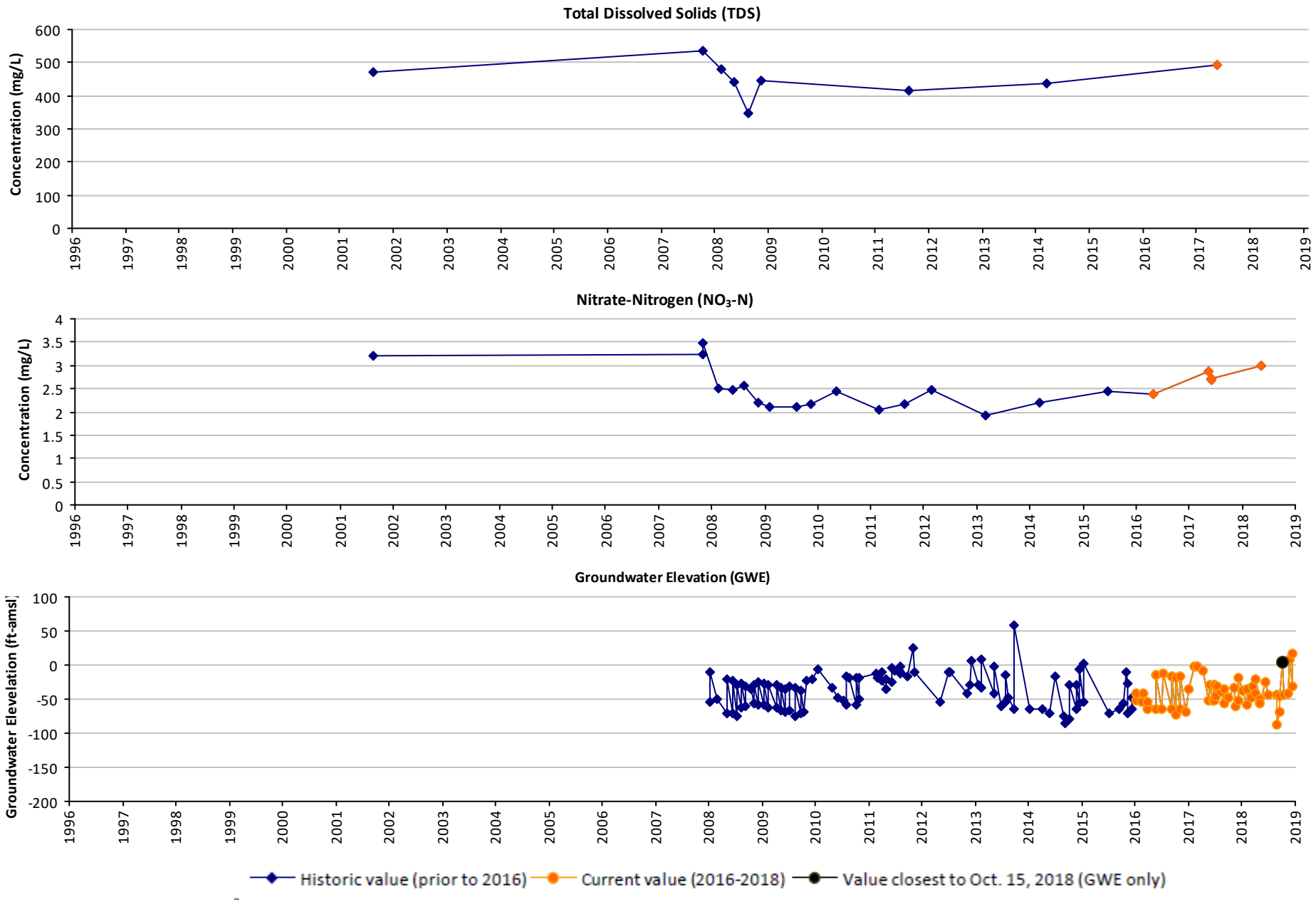
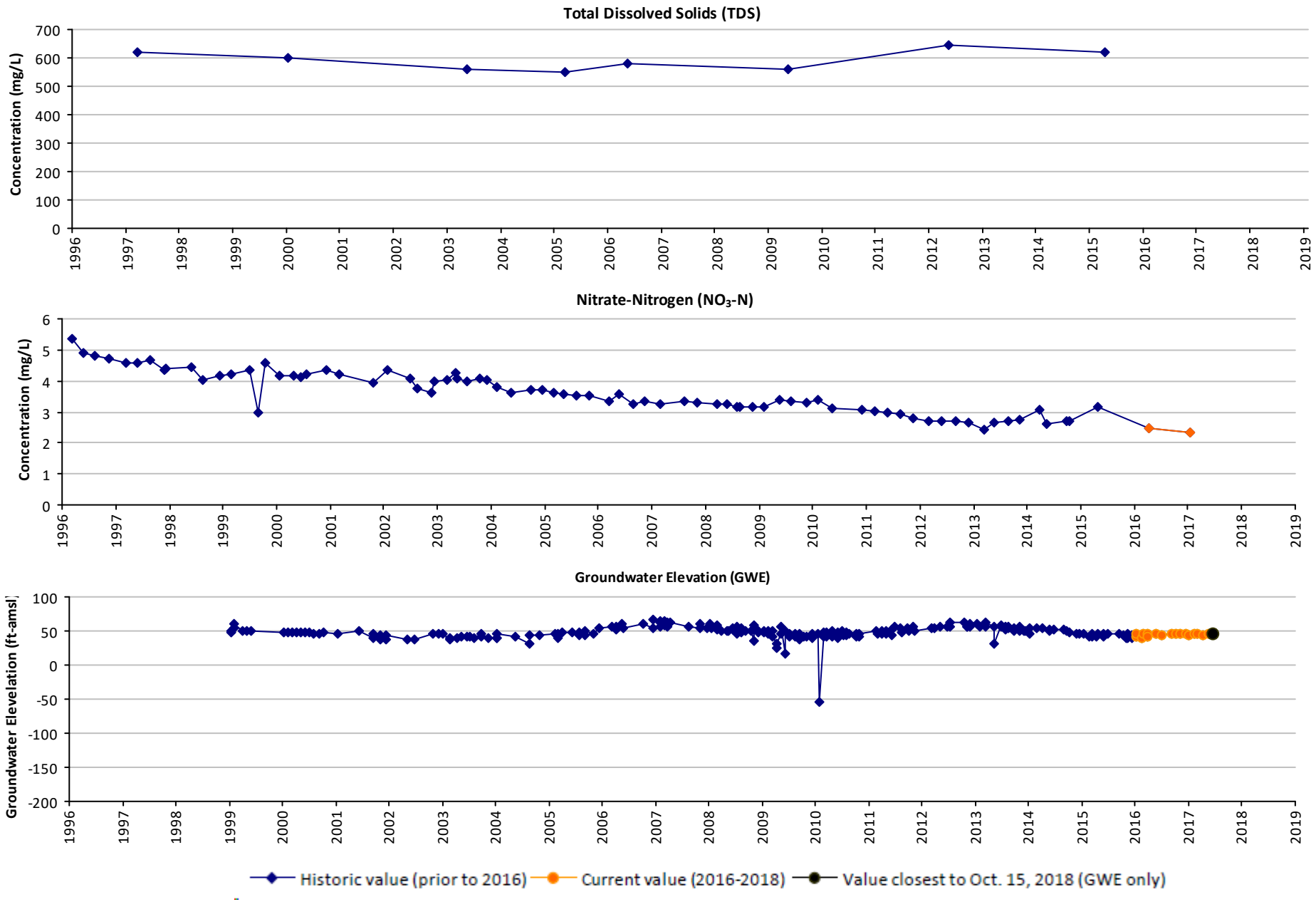
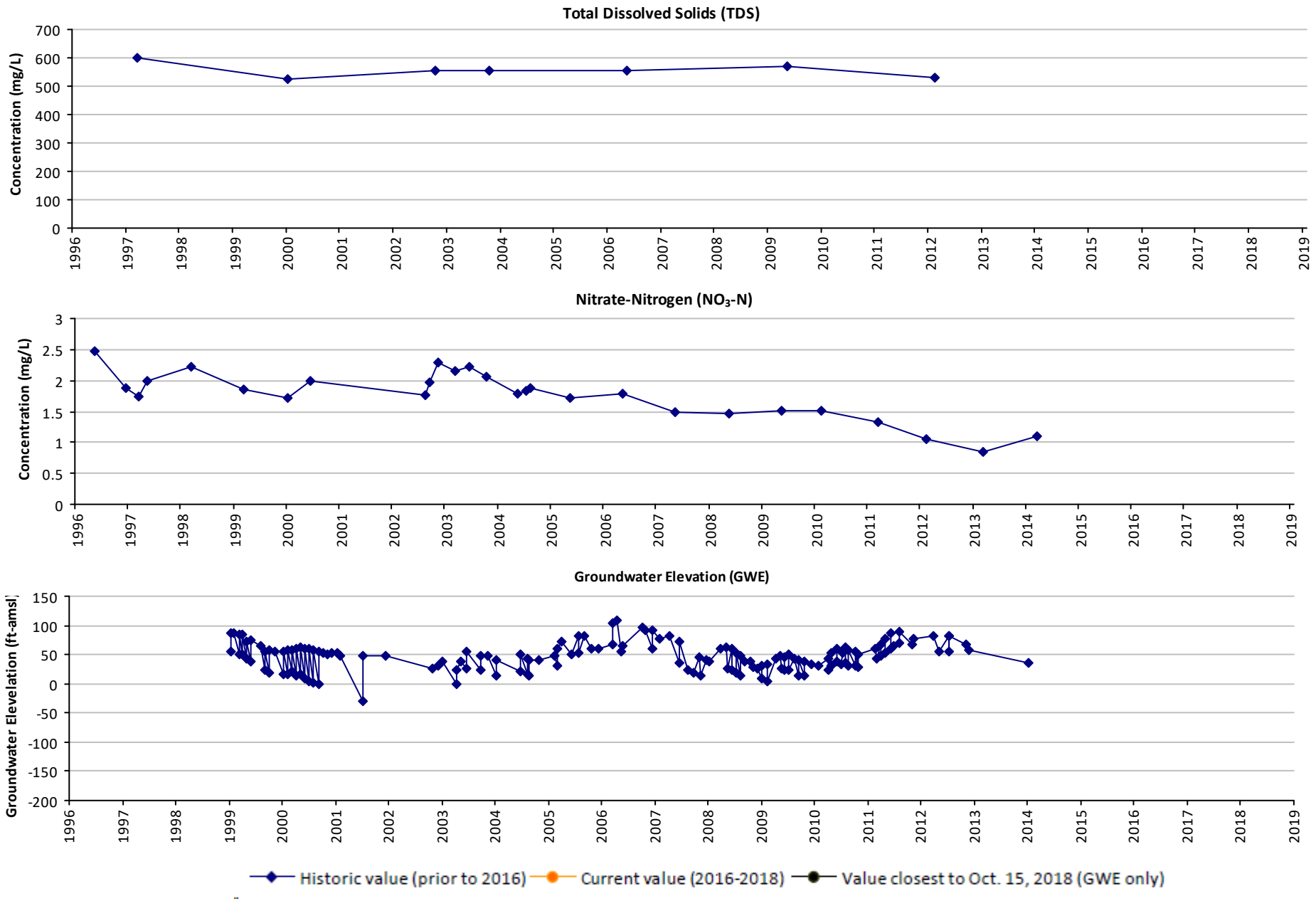

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

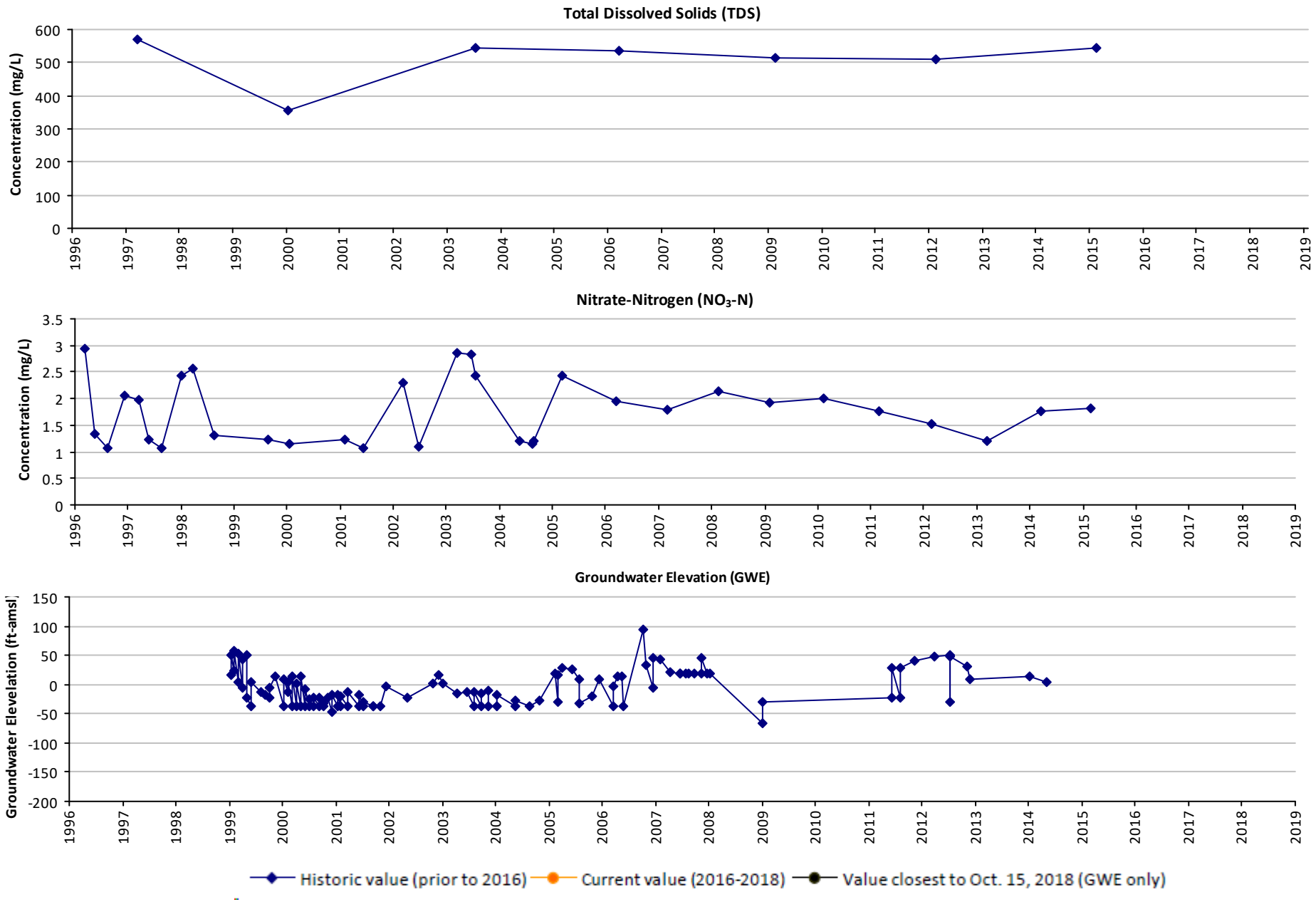

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

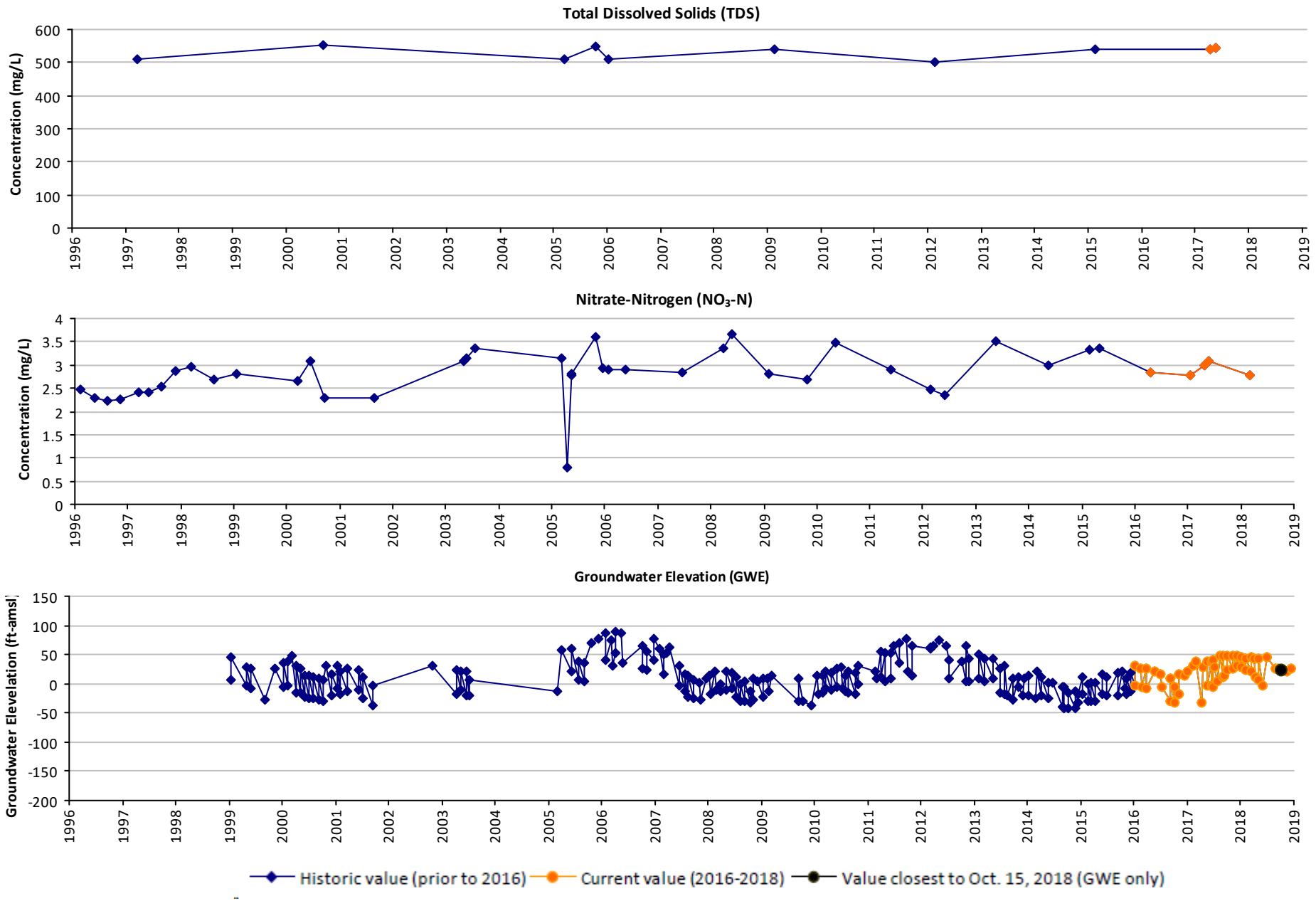

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

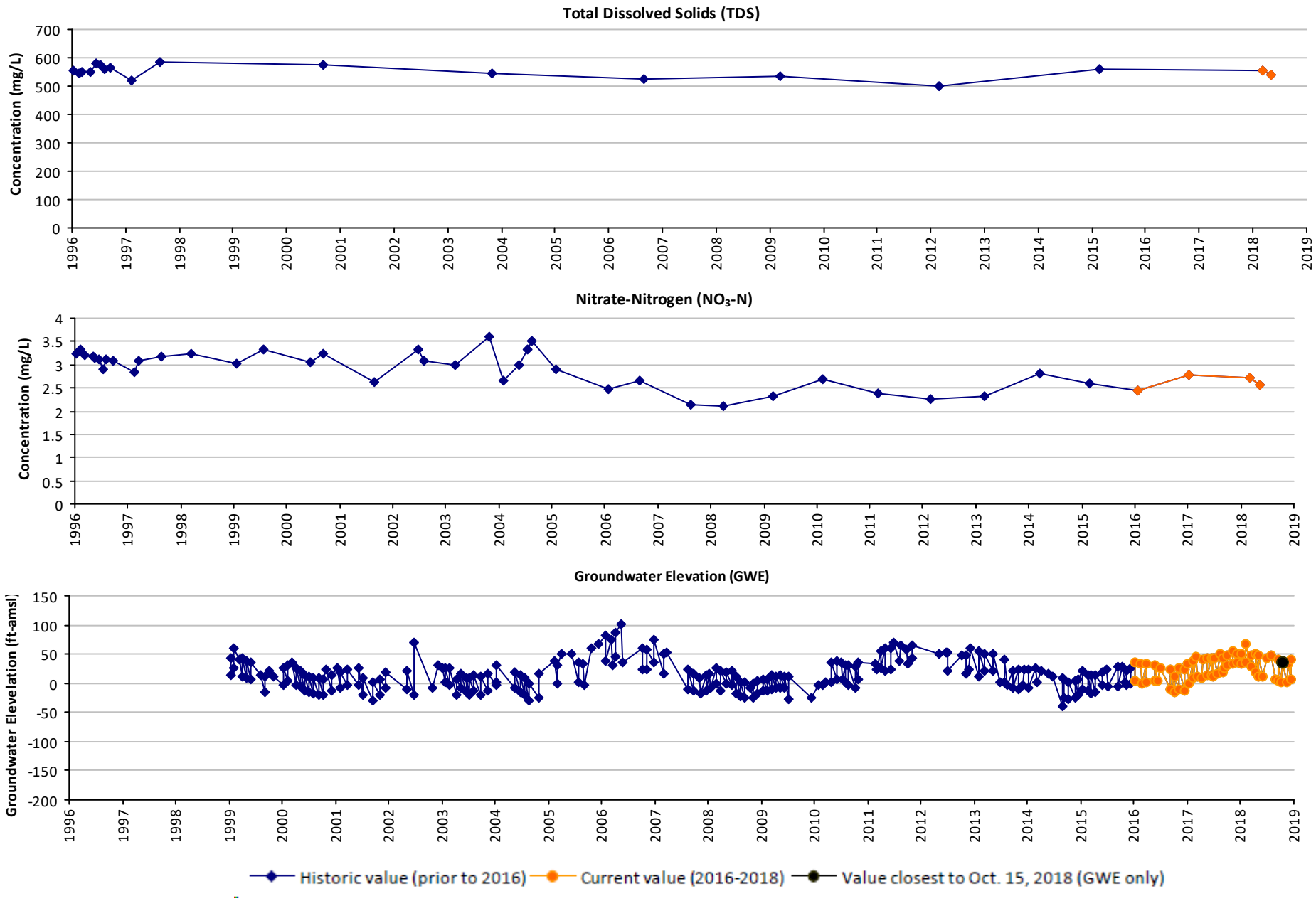

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

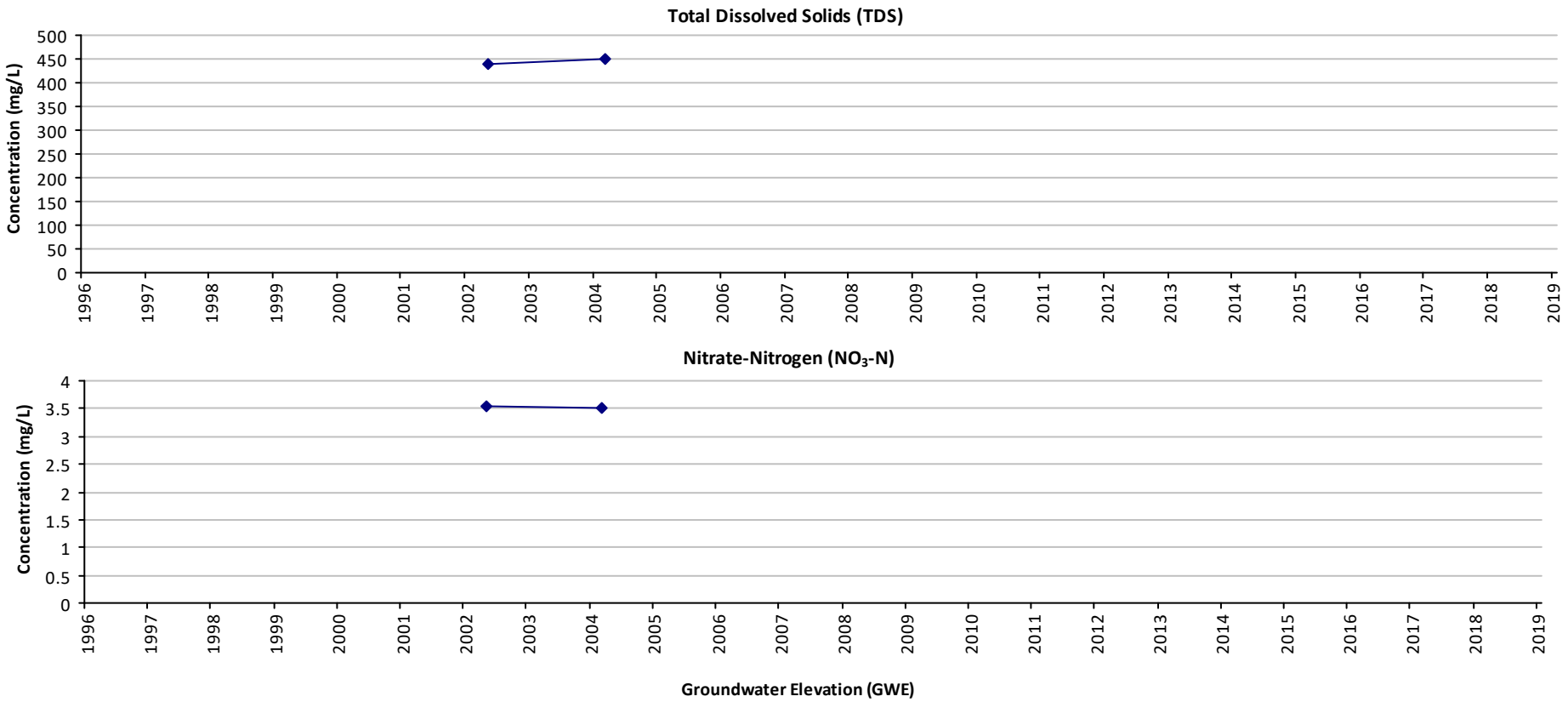

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

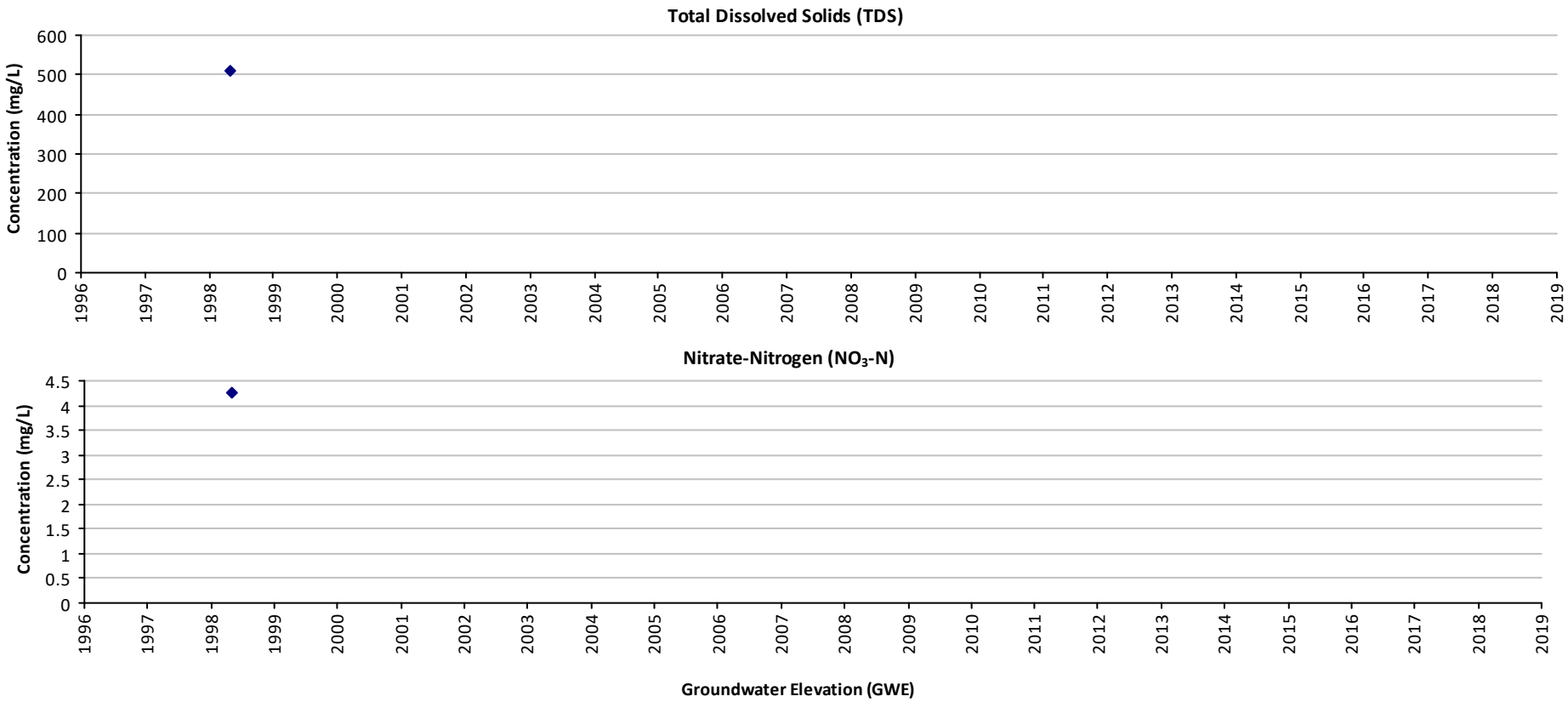

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

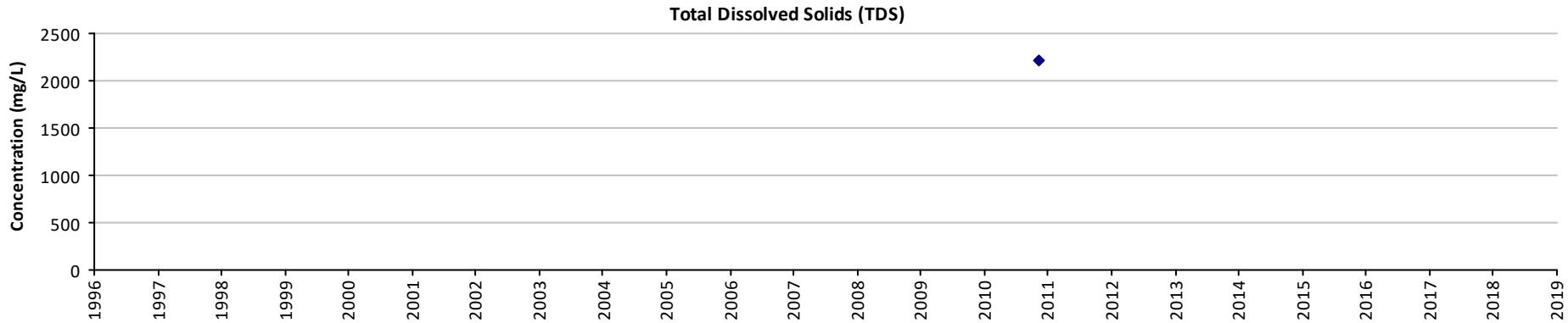

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2009
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2011
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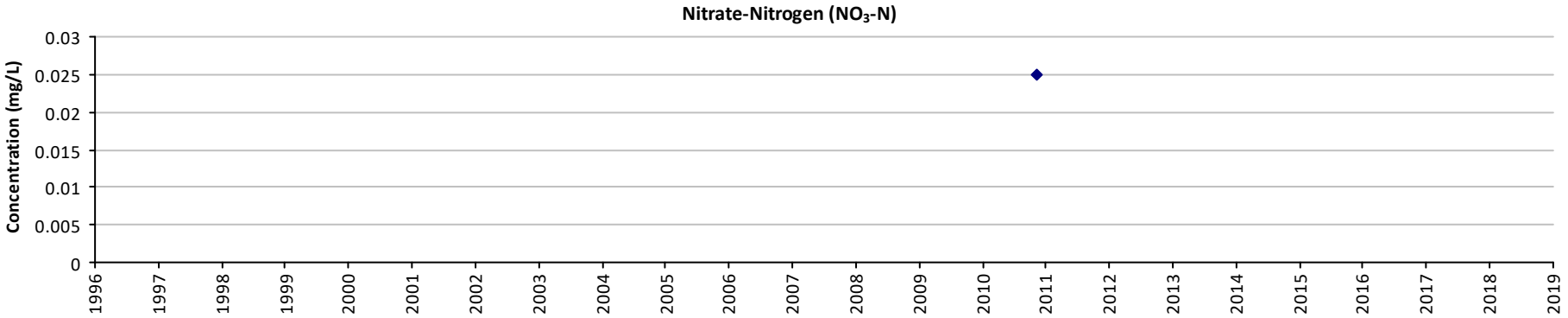
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
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2017
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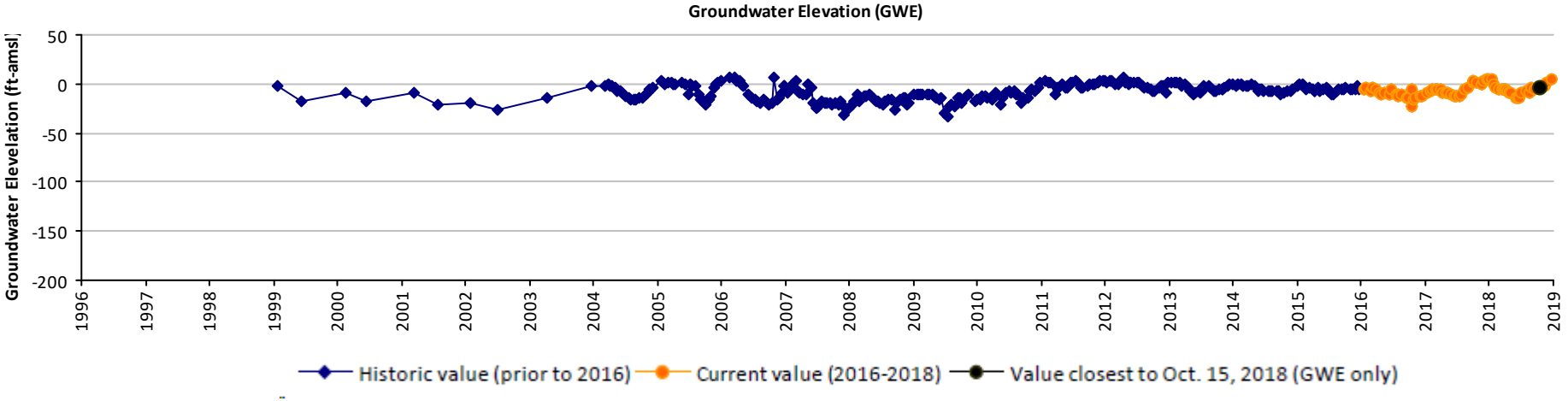
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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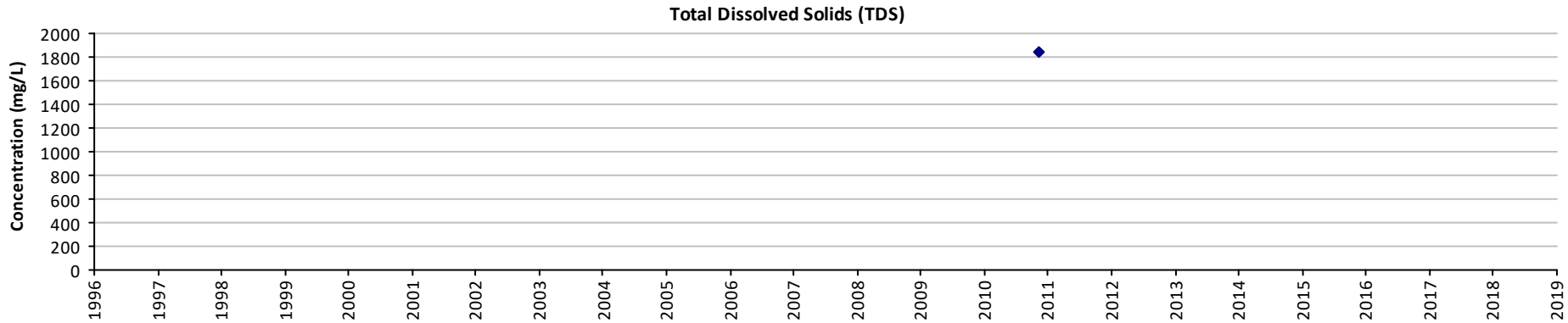
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
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2016
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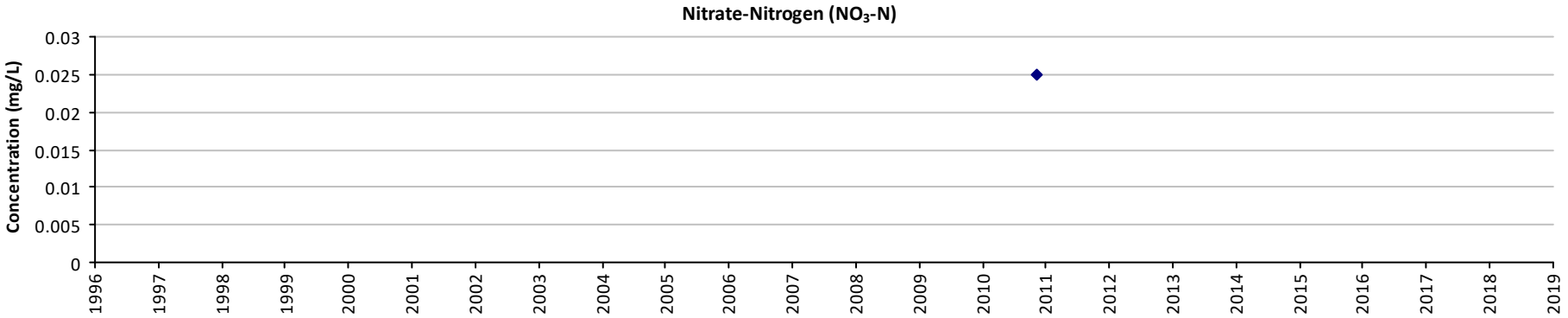
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
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2016
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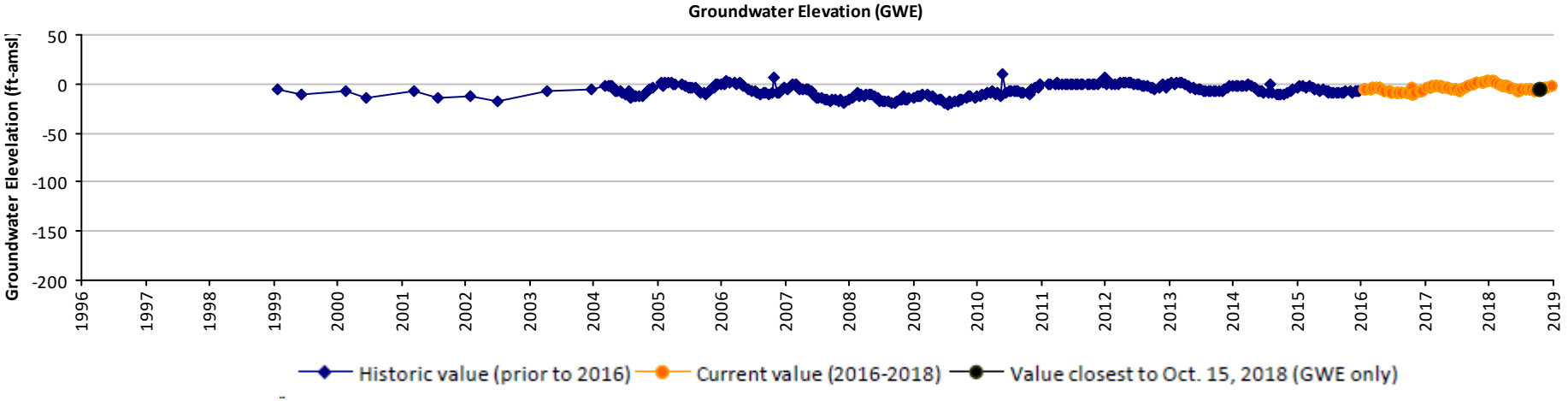
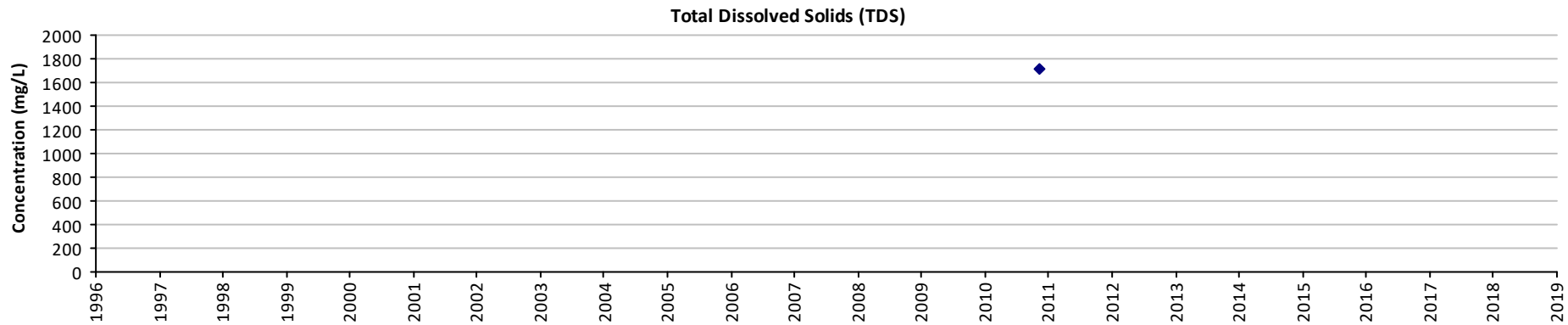
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
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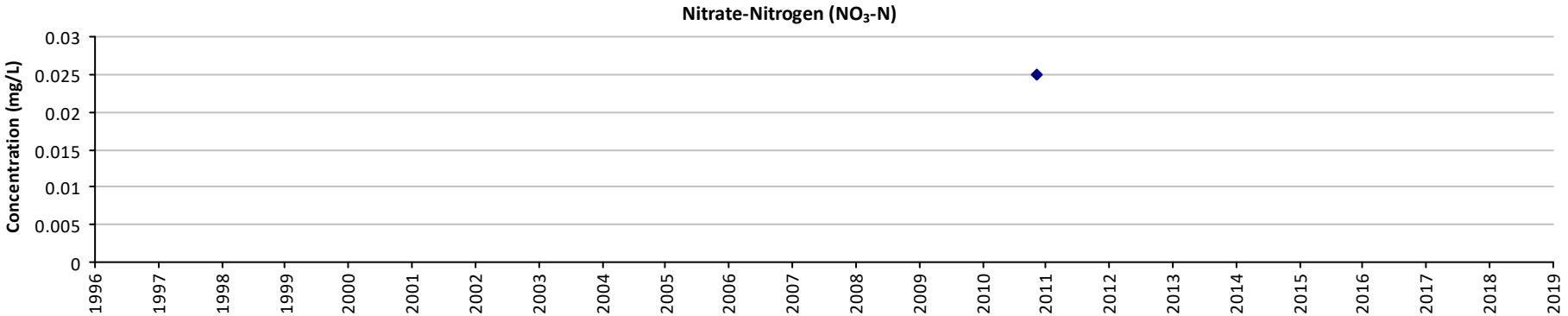
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
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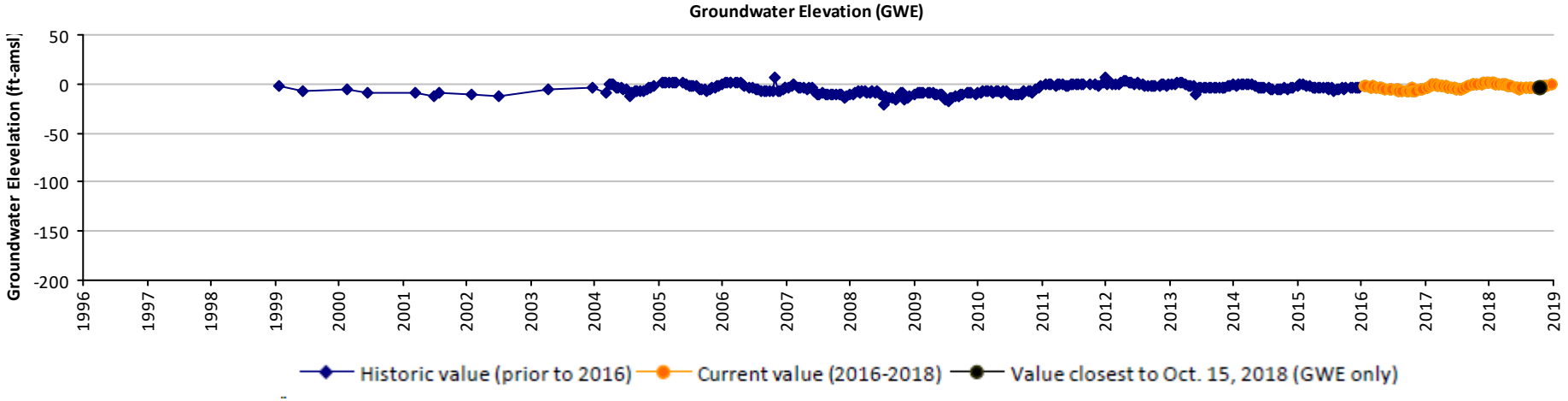
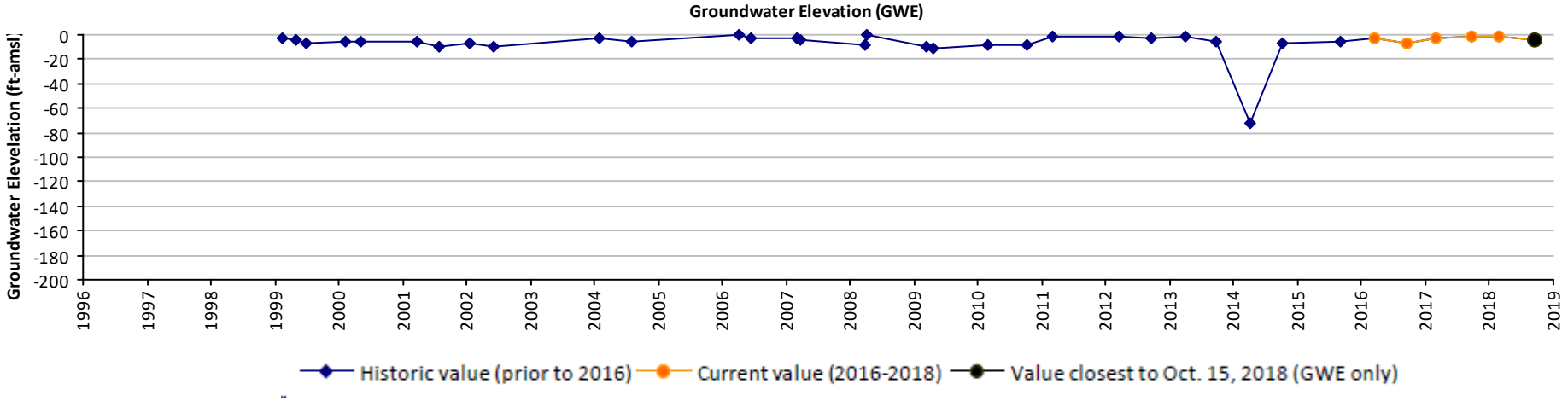

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

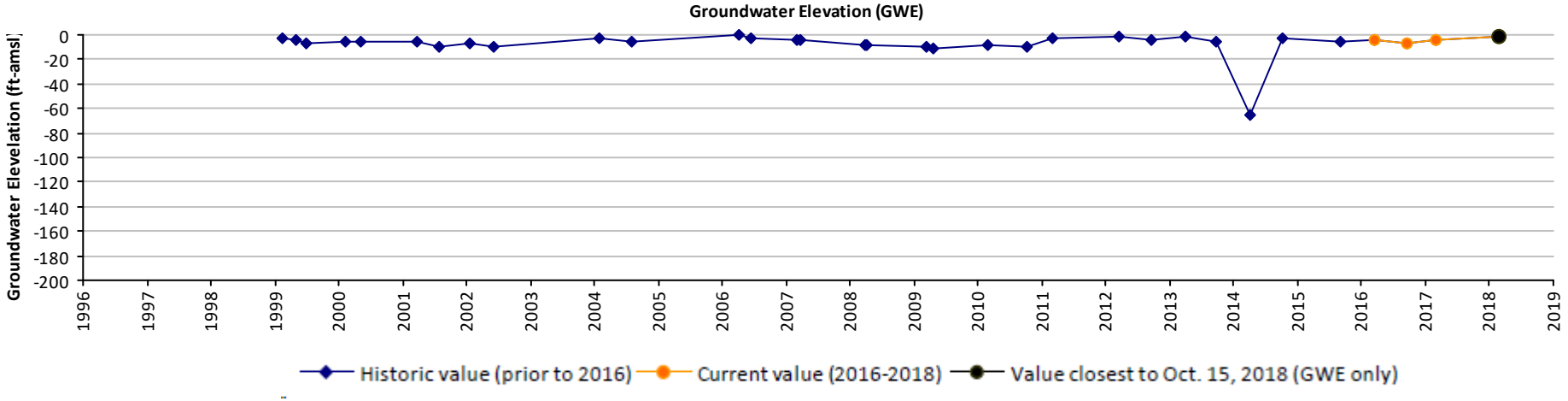
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

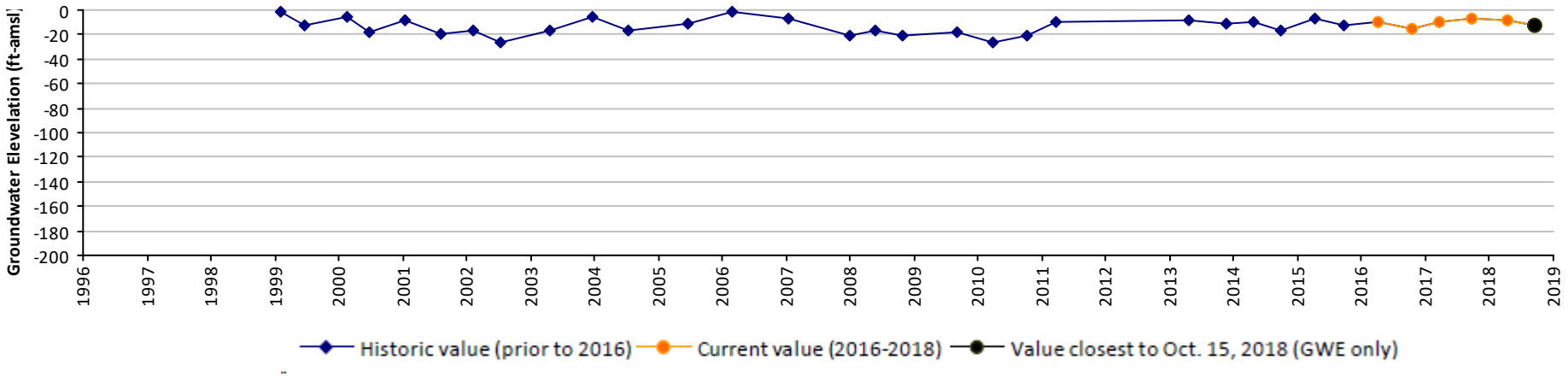
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

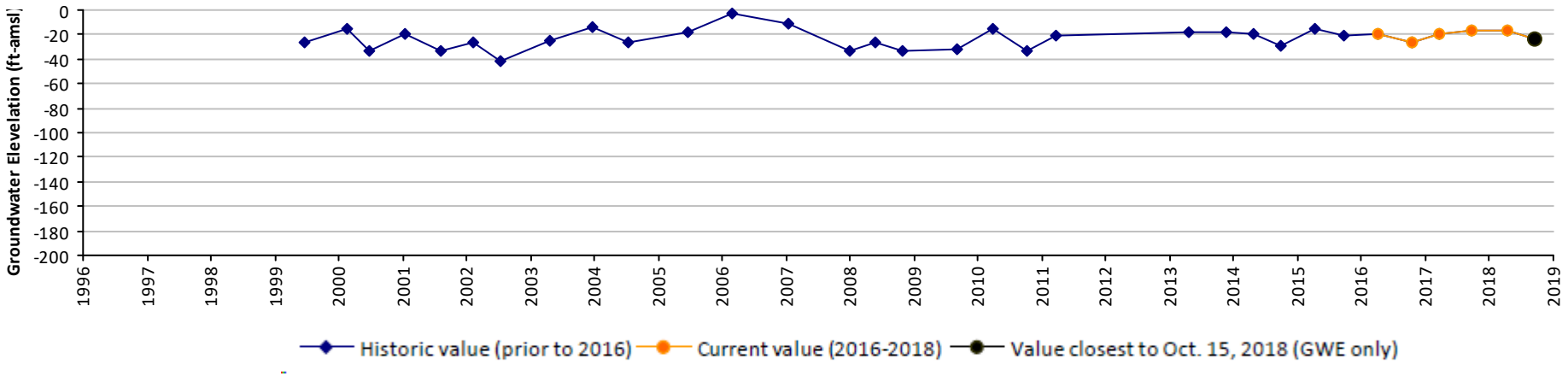
Groundwater Elevation (GWE)

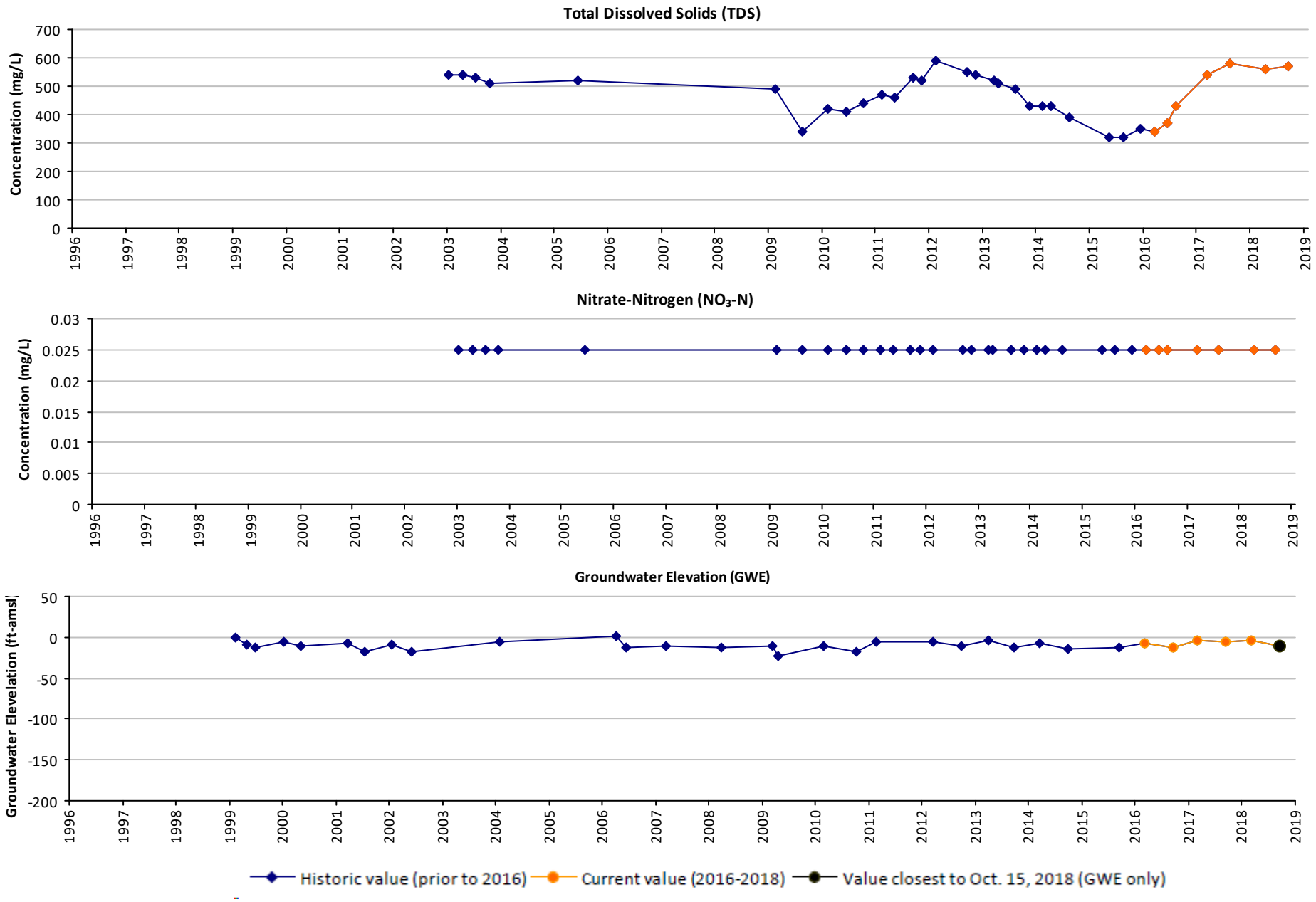


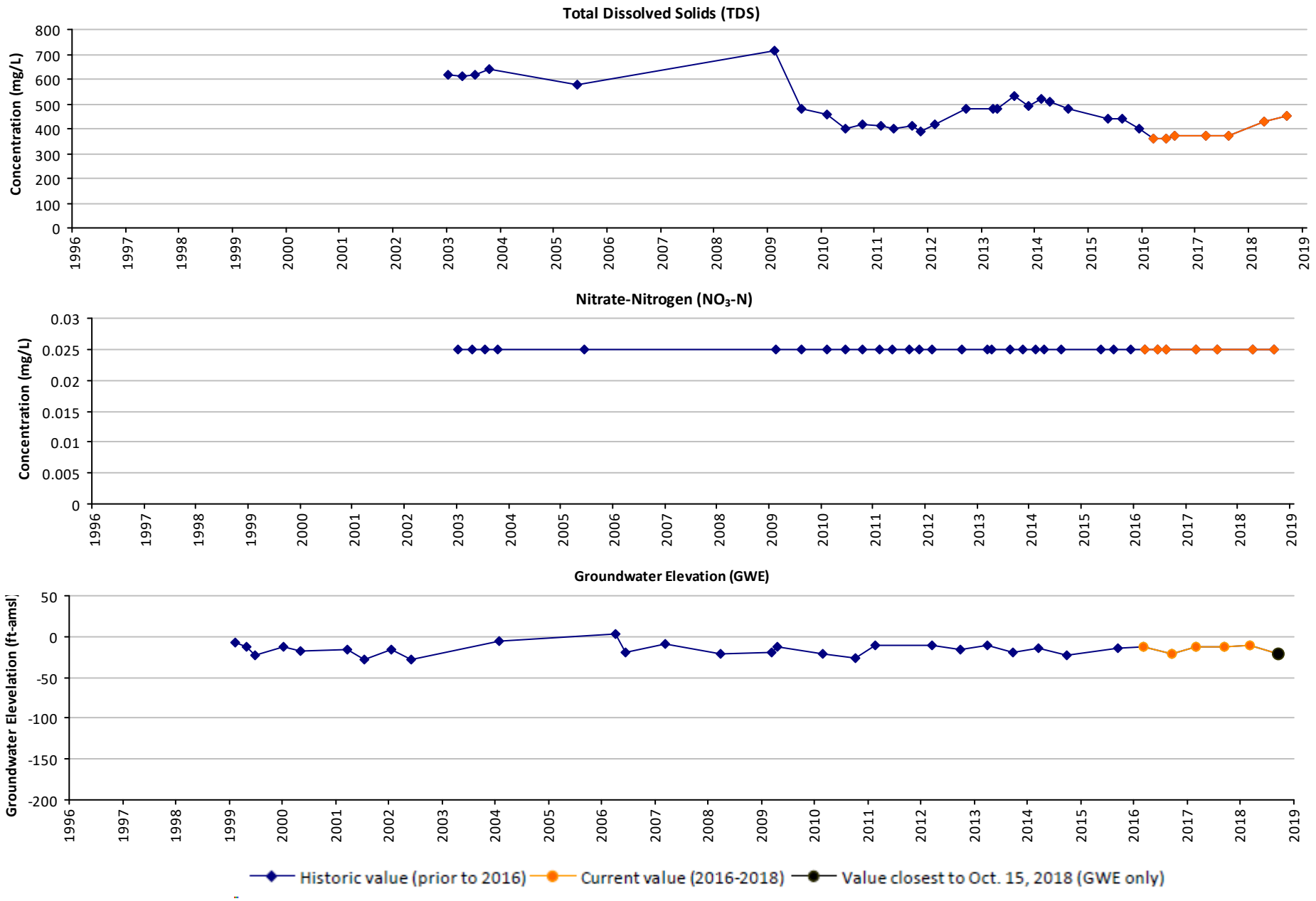
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)



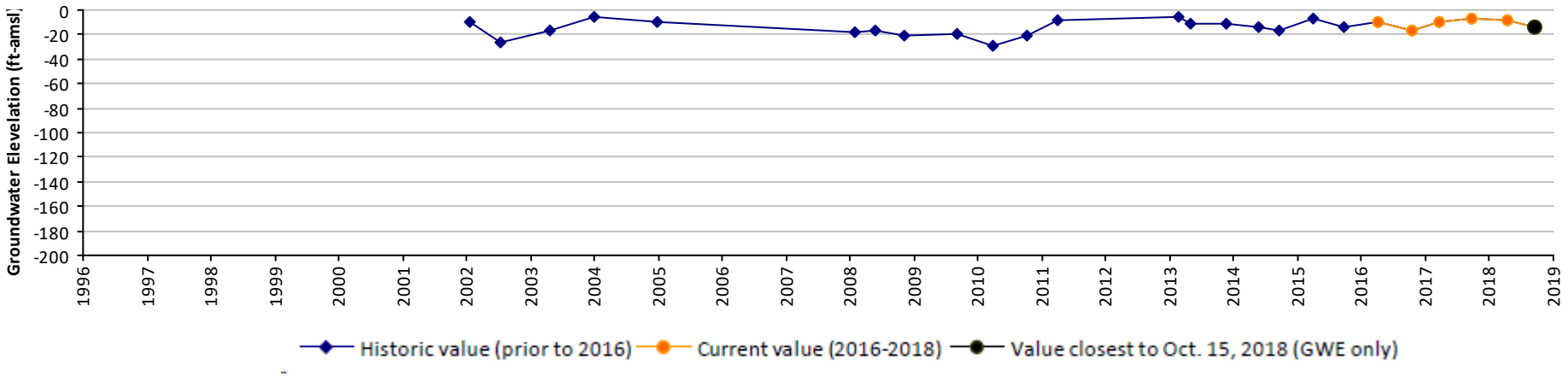

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

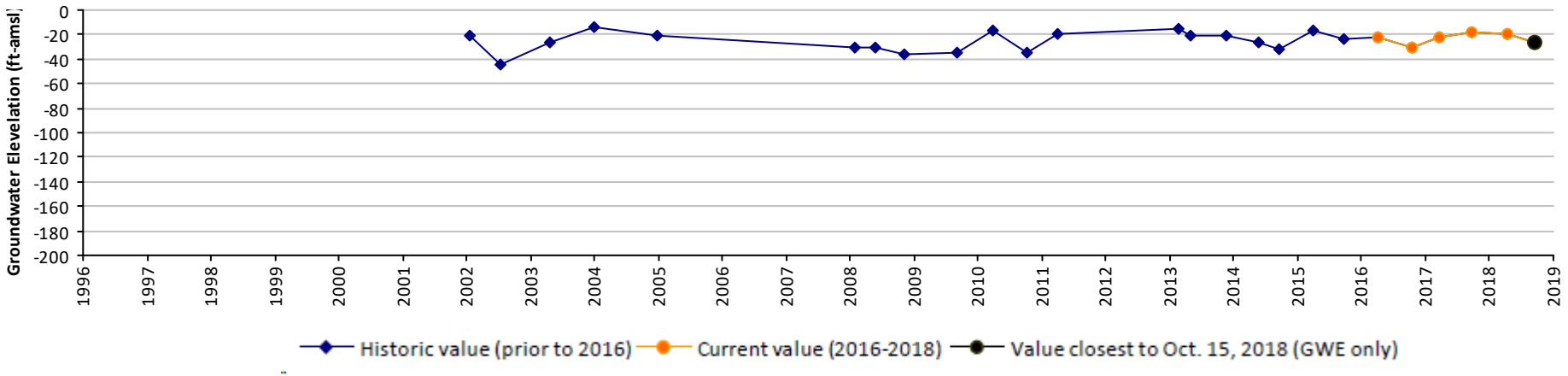
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

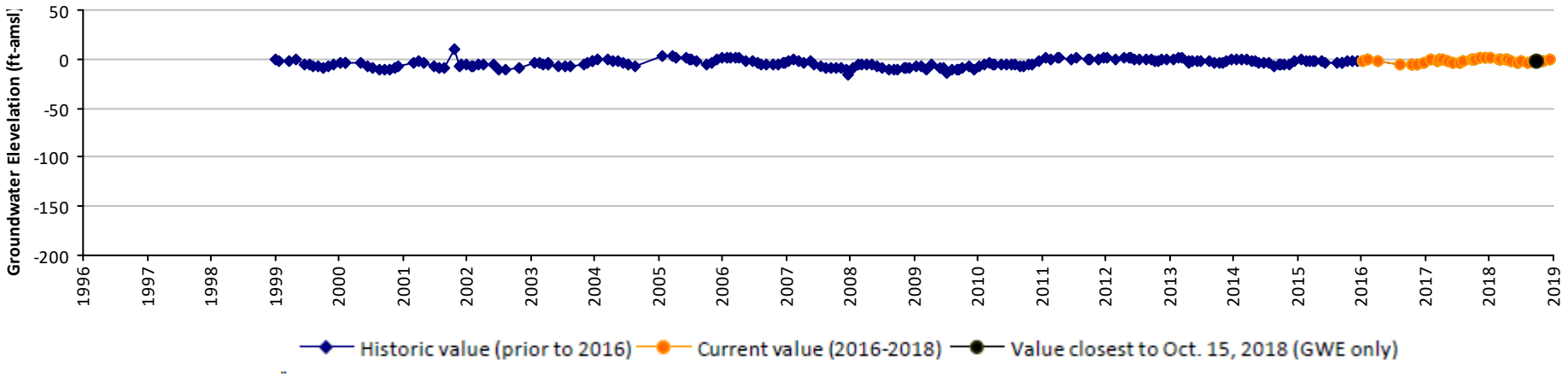
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

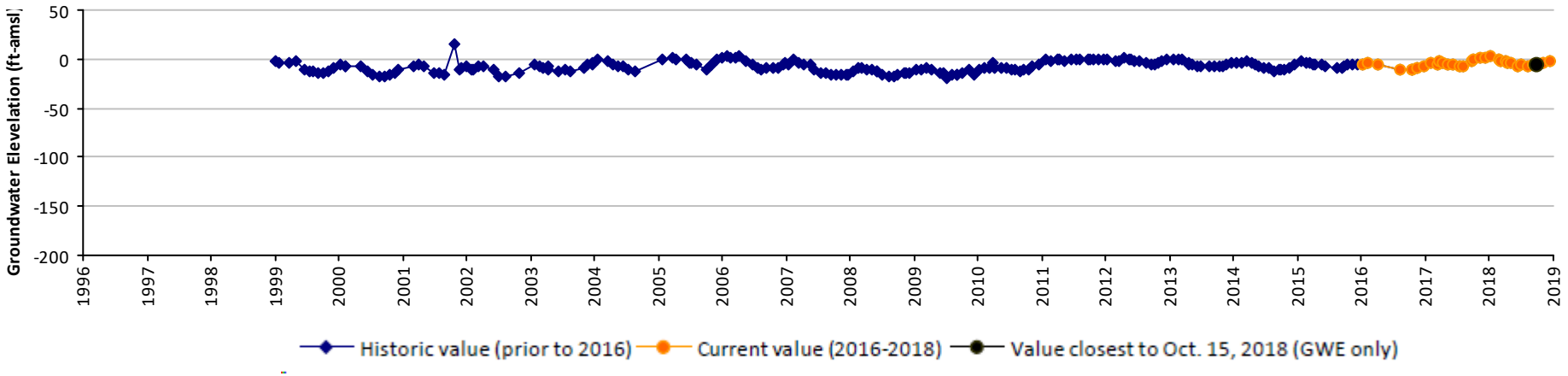
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

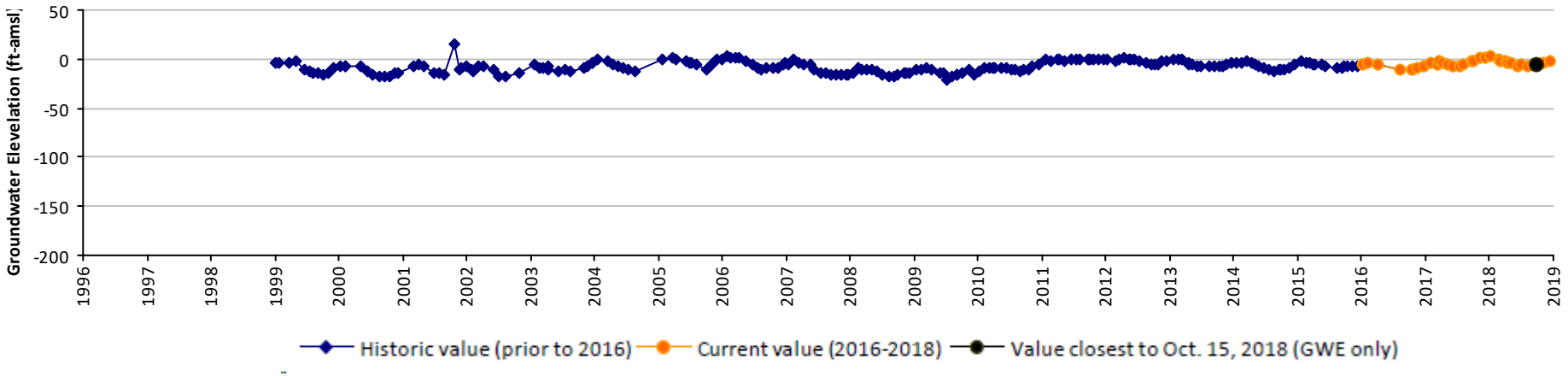
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

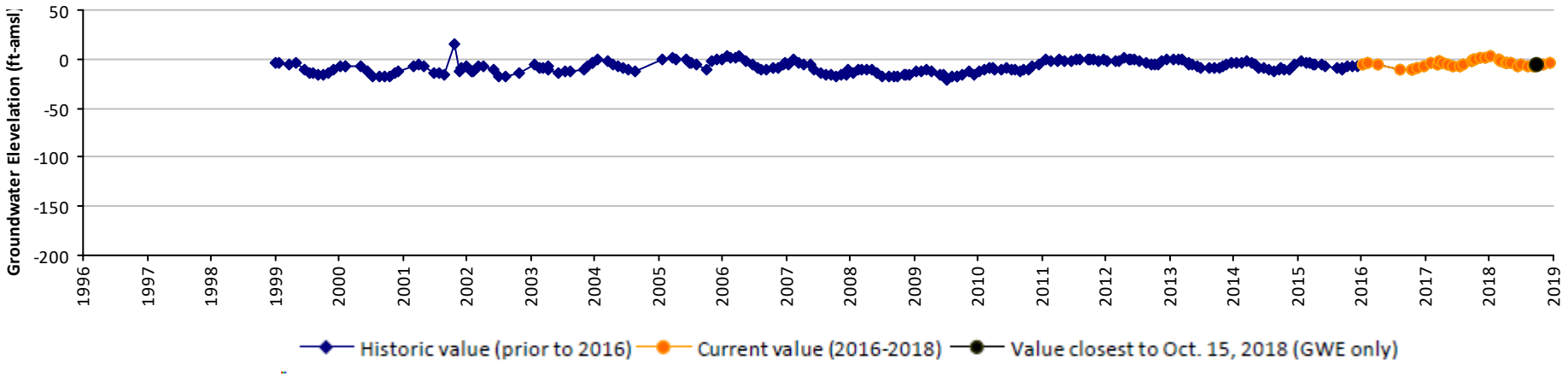
Groundwater Elevation (GWE)

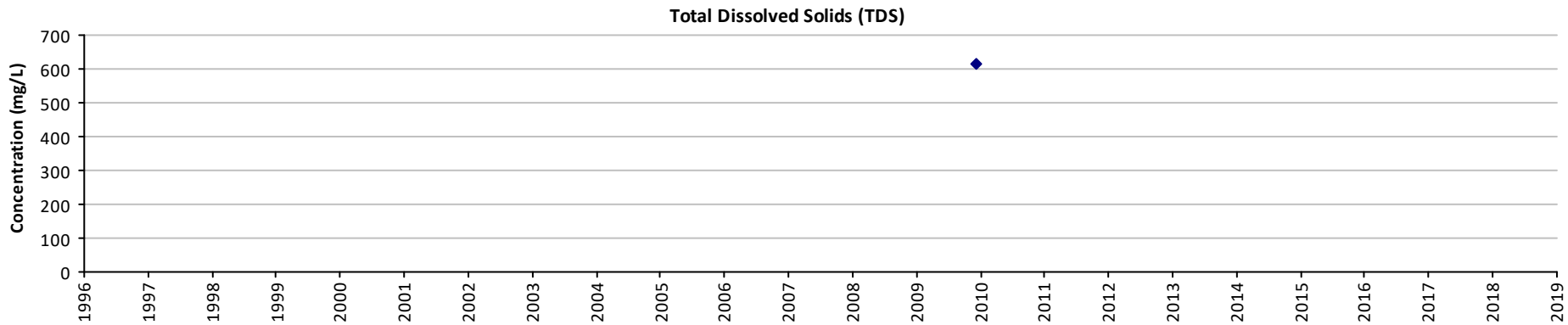


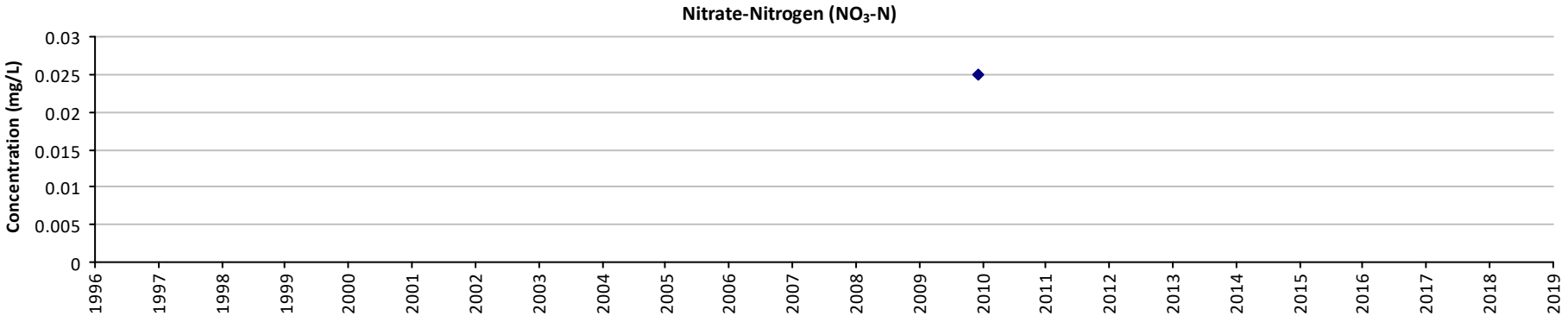
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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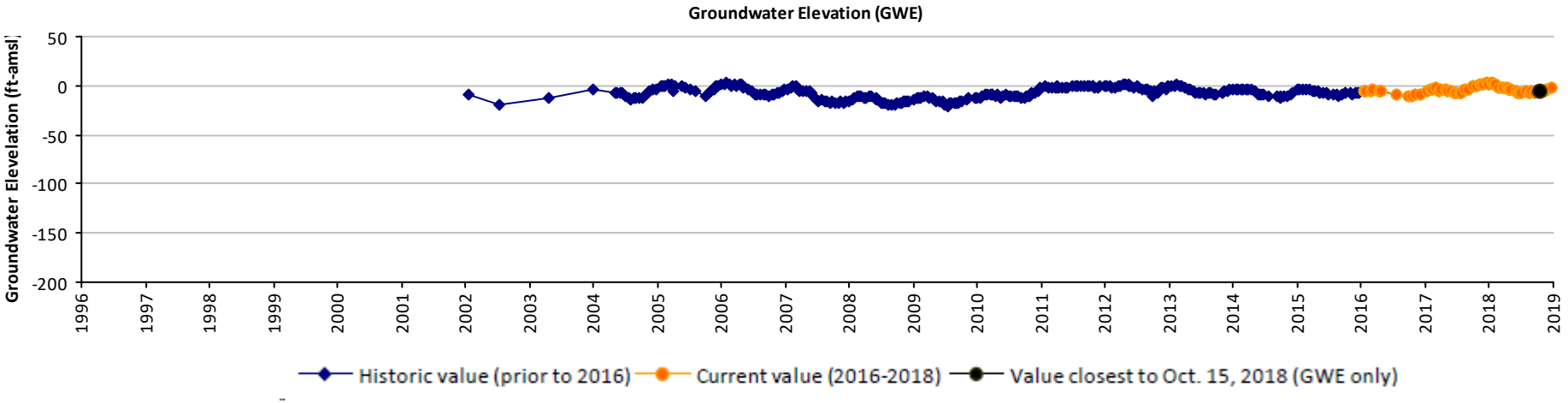
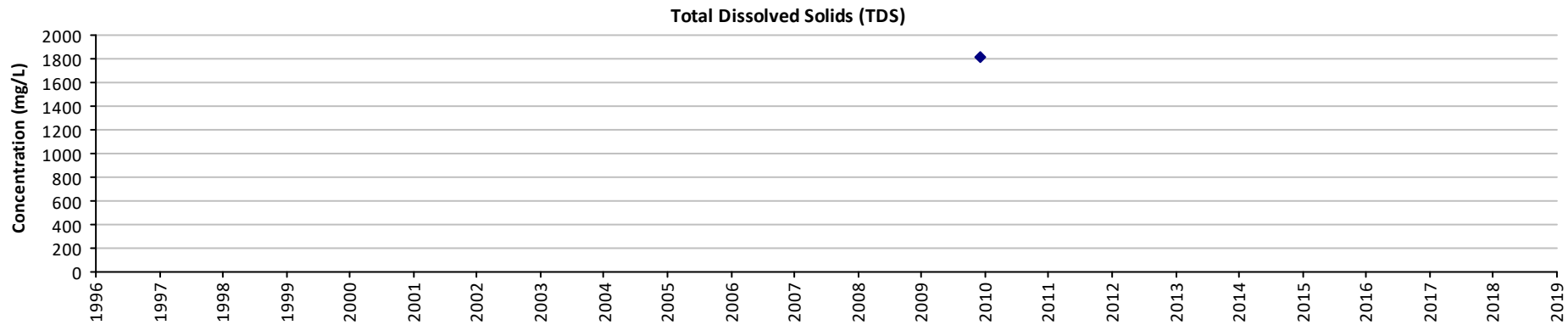
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2012
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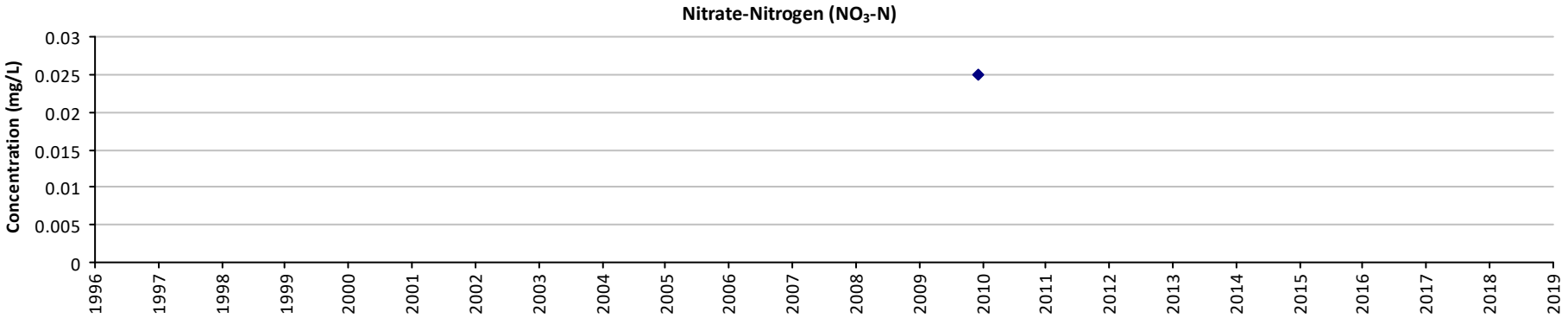
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
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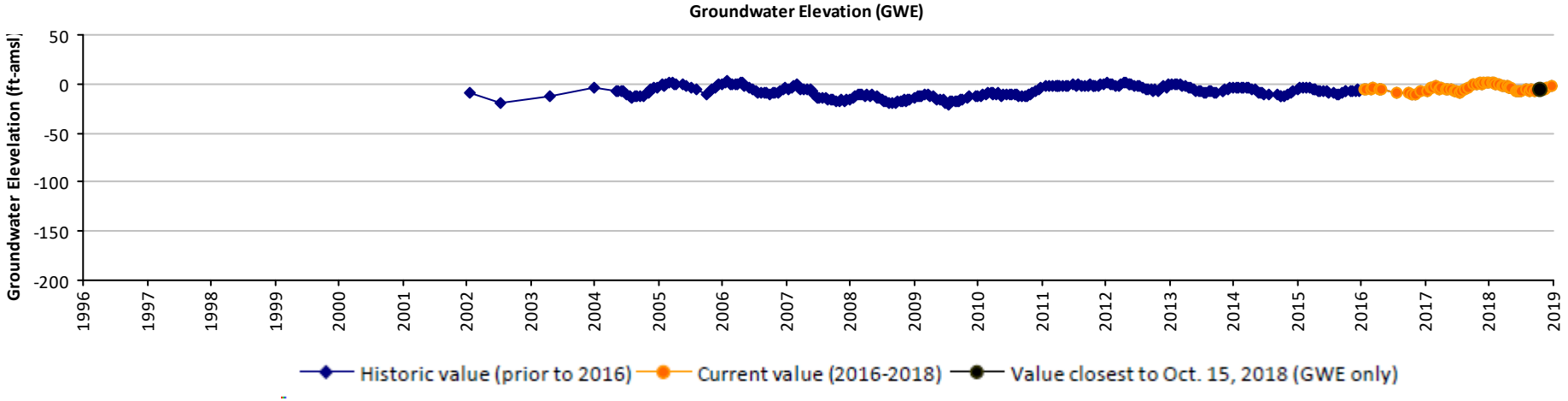
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2016
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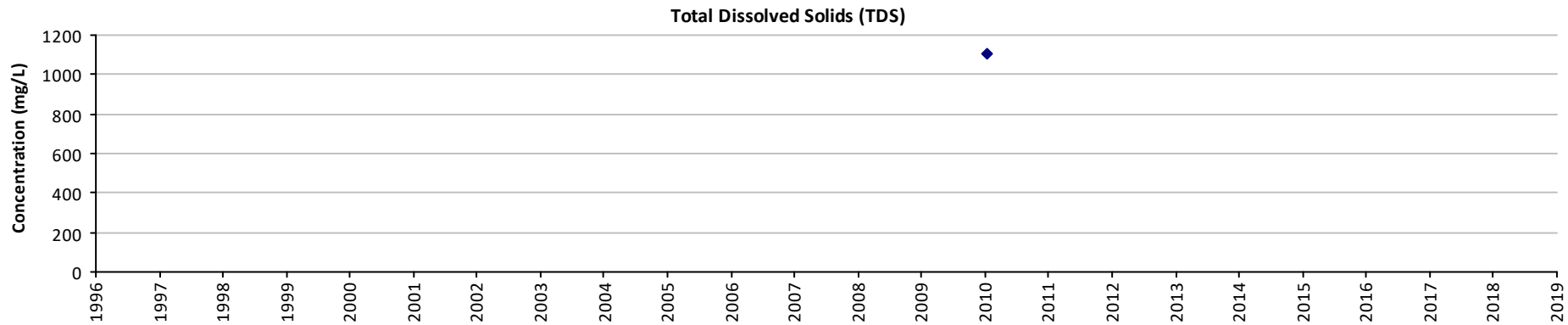
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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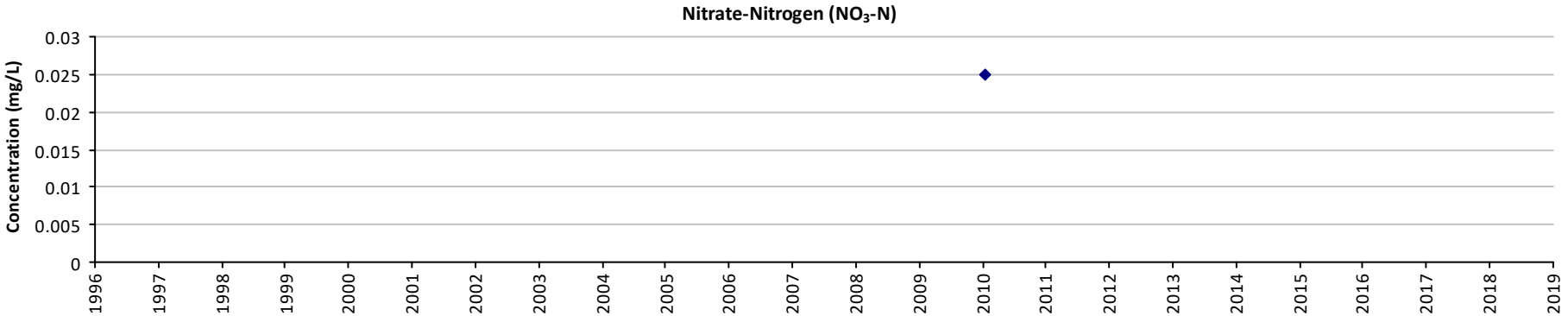
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
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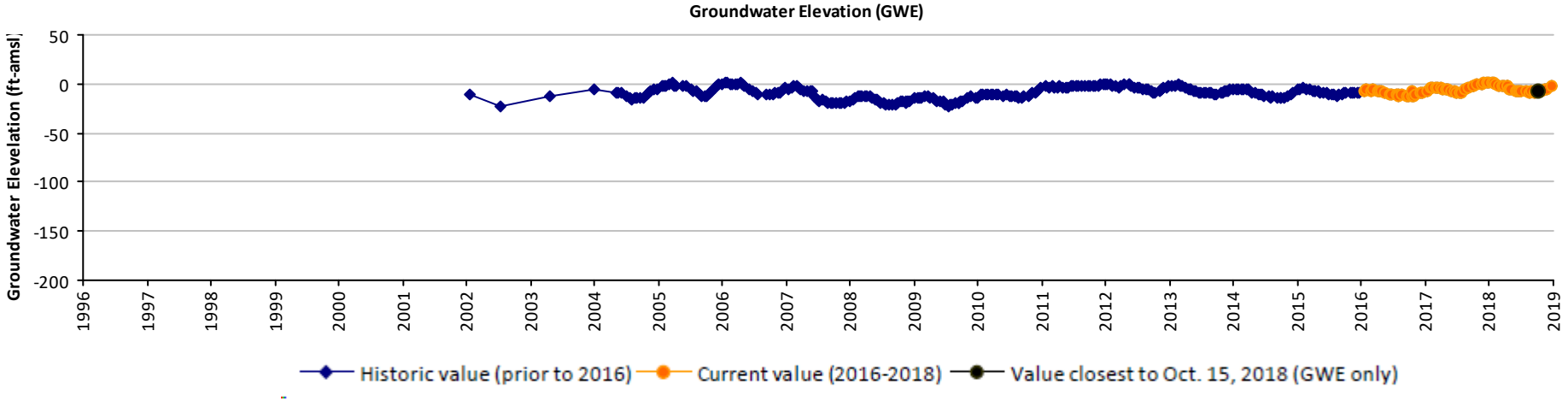
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
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2004
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2006
2007
2008
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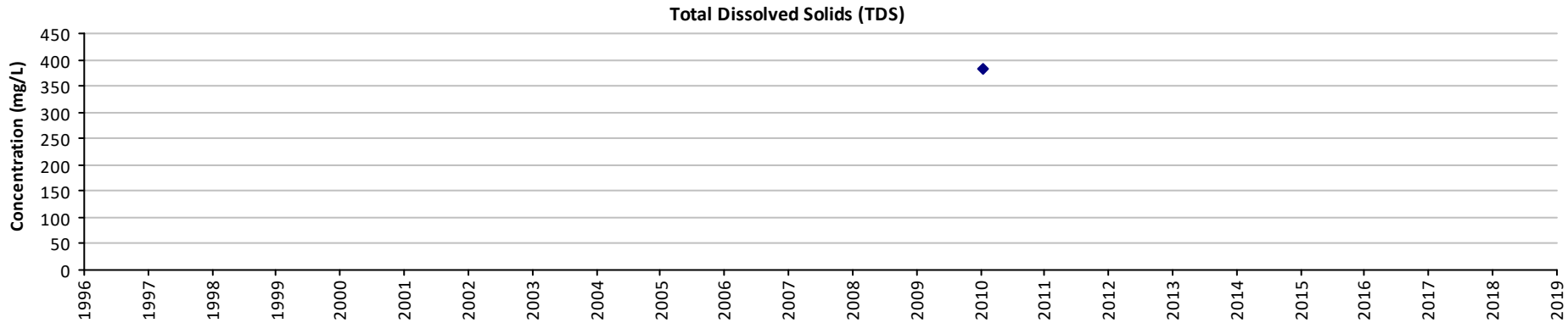
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
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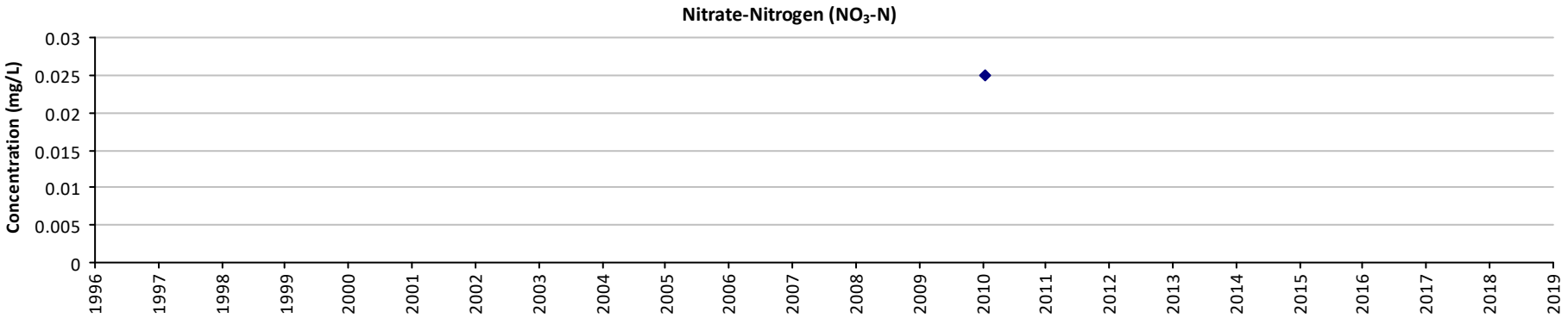
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
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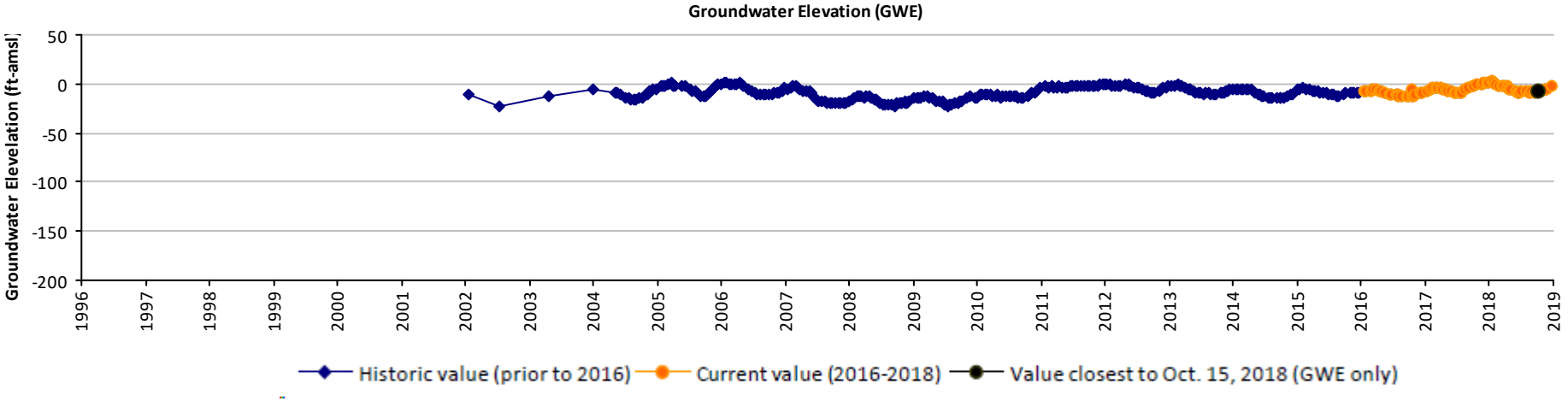
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2012
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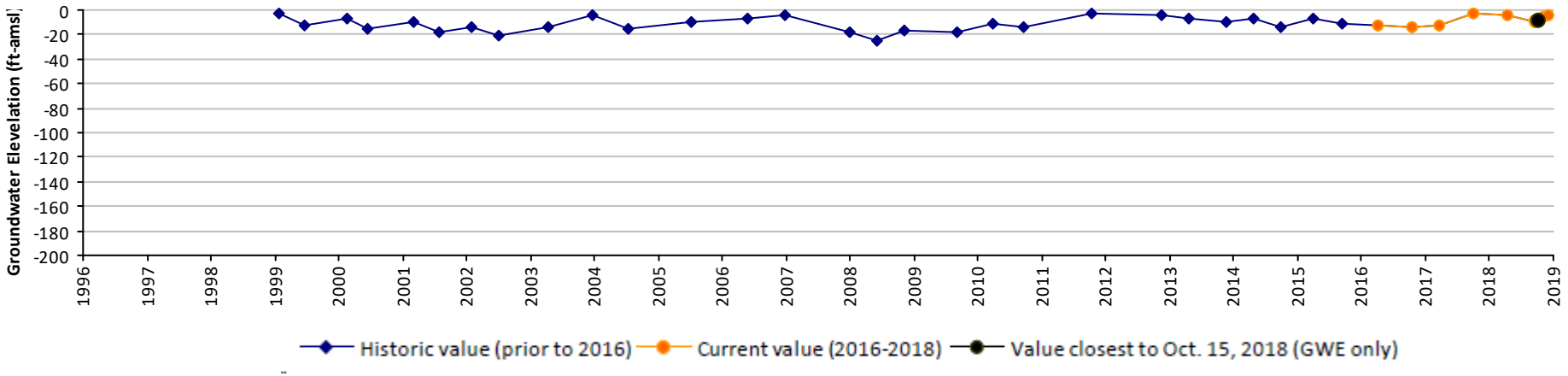
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

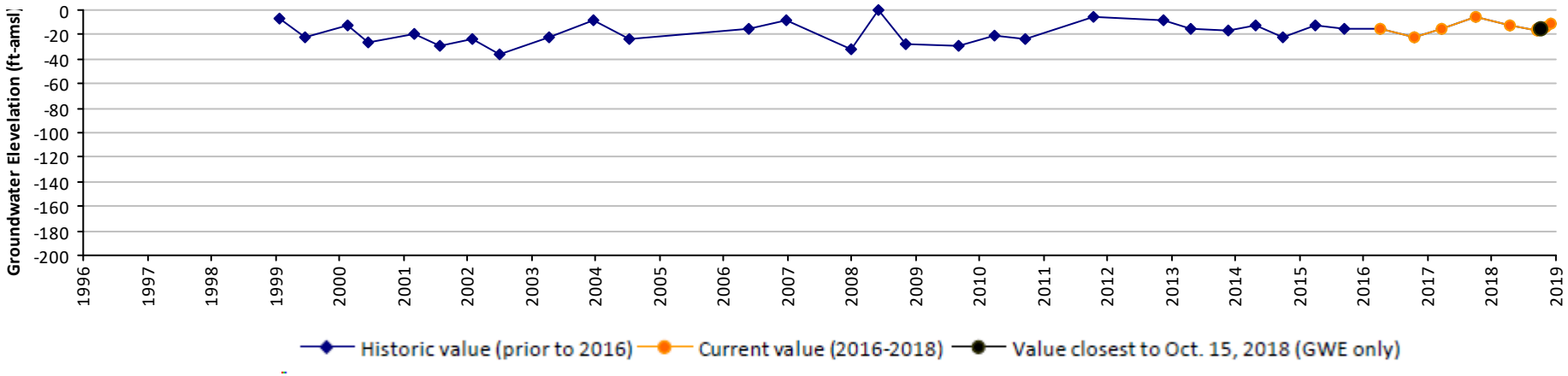
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

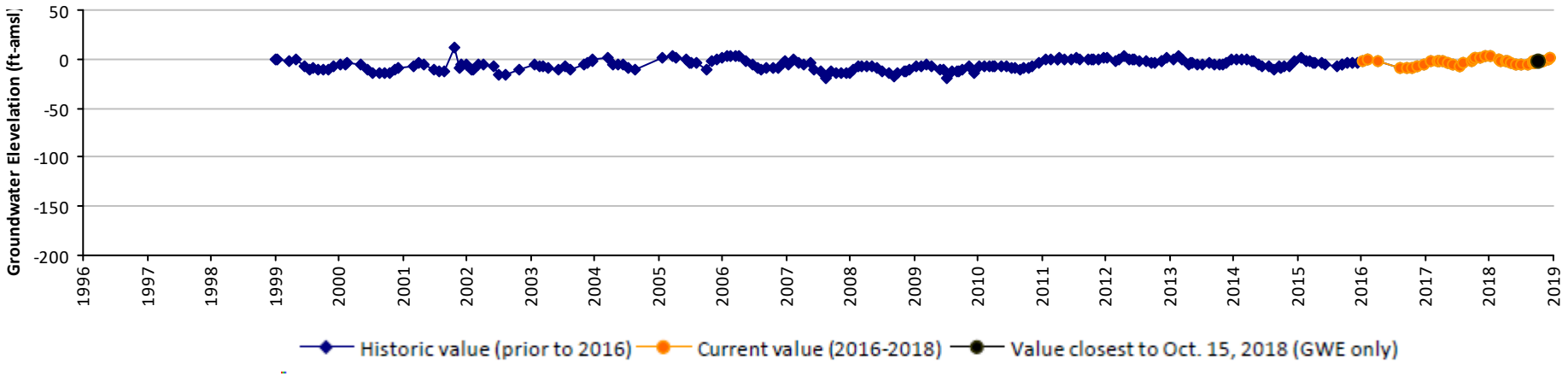
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

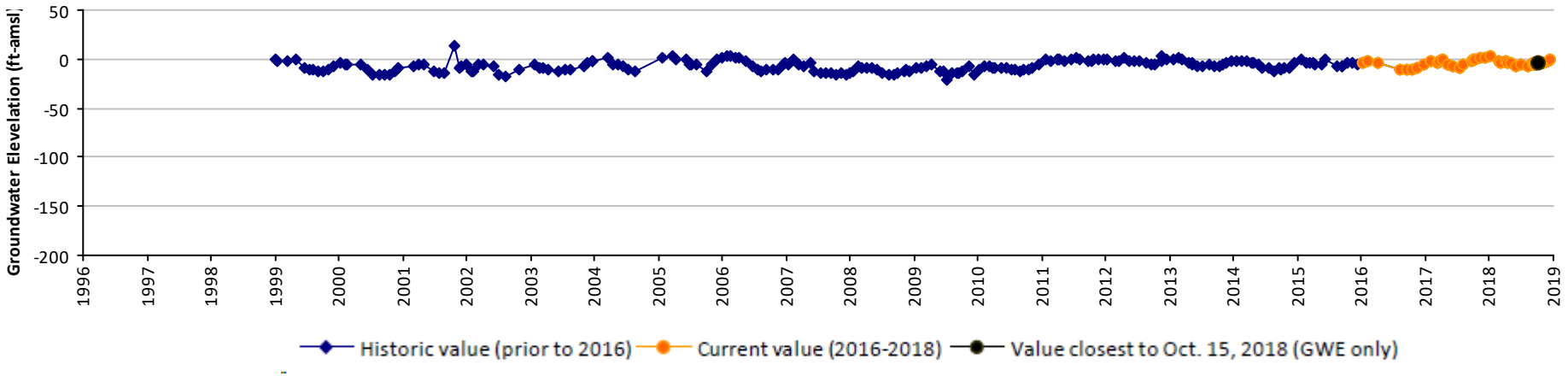
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

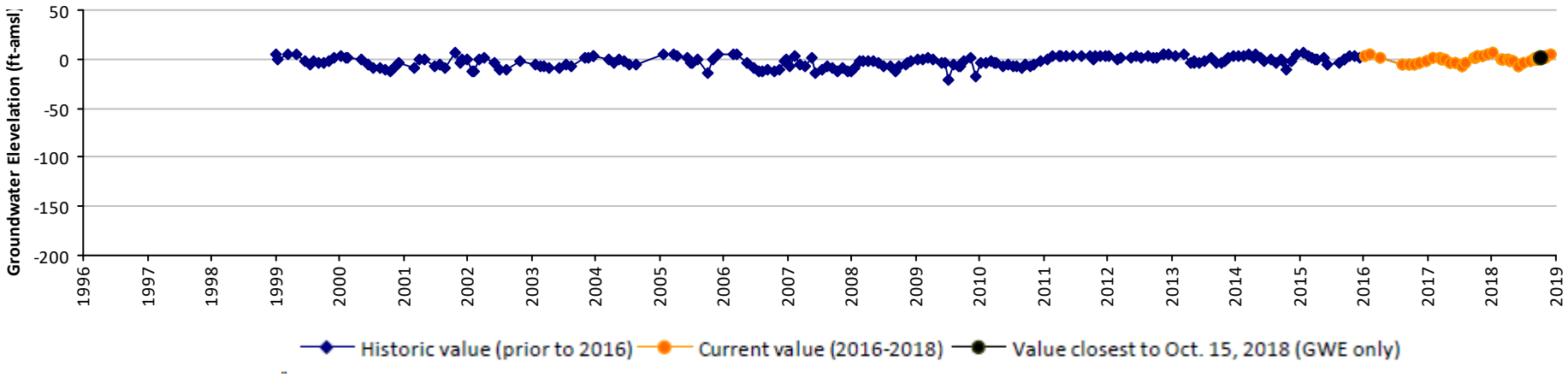
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

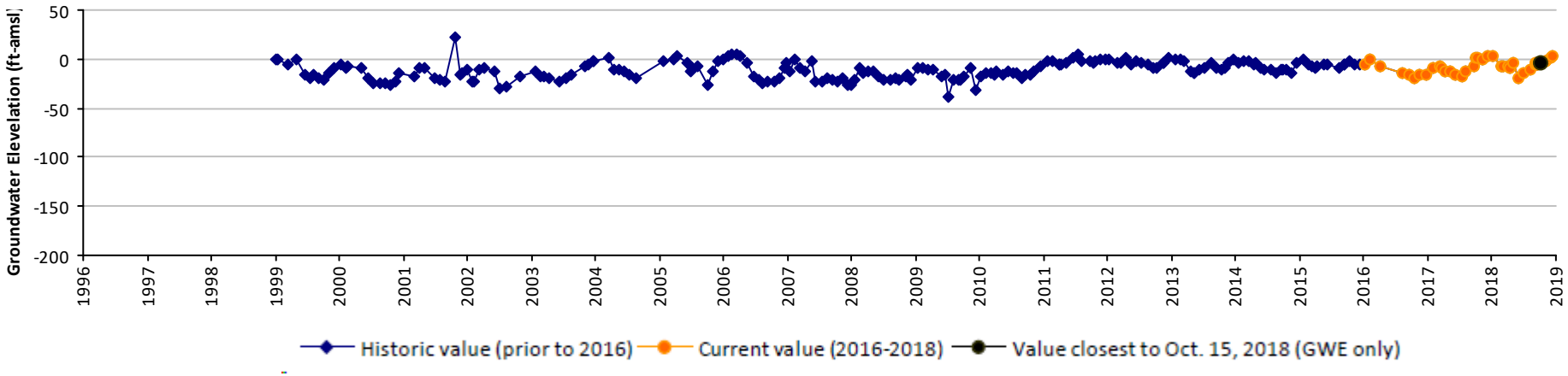
Groundwater Elevation (GWE)

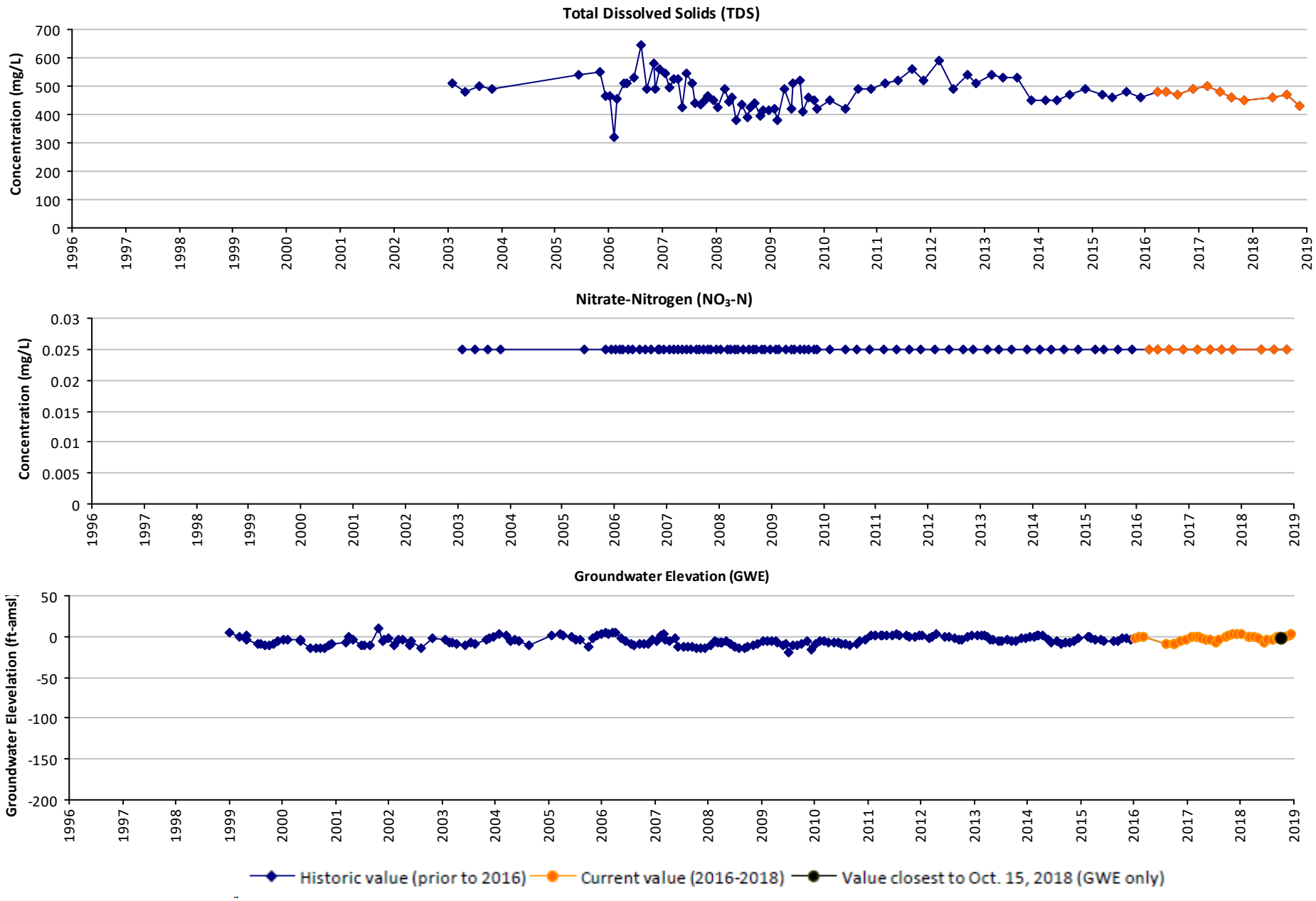


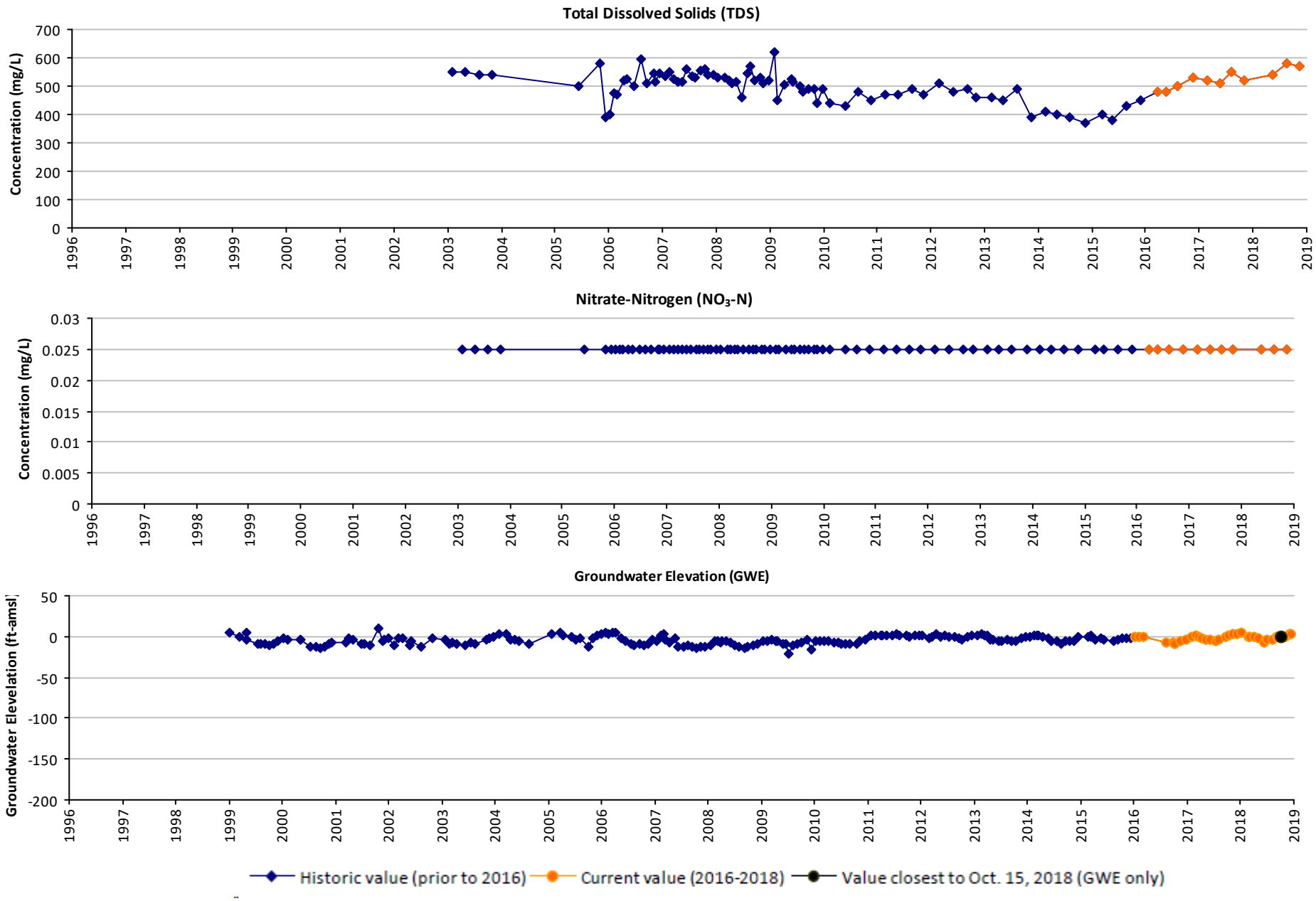
Total Dissolved Solids (TDS)

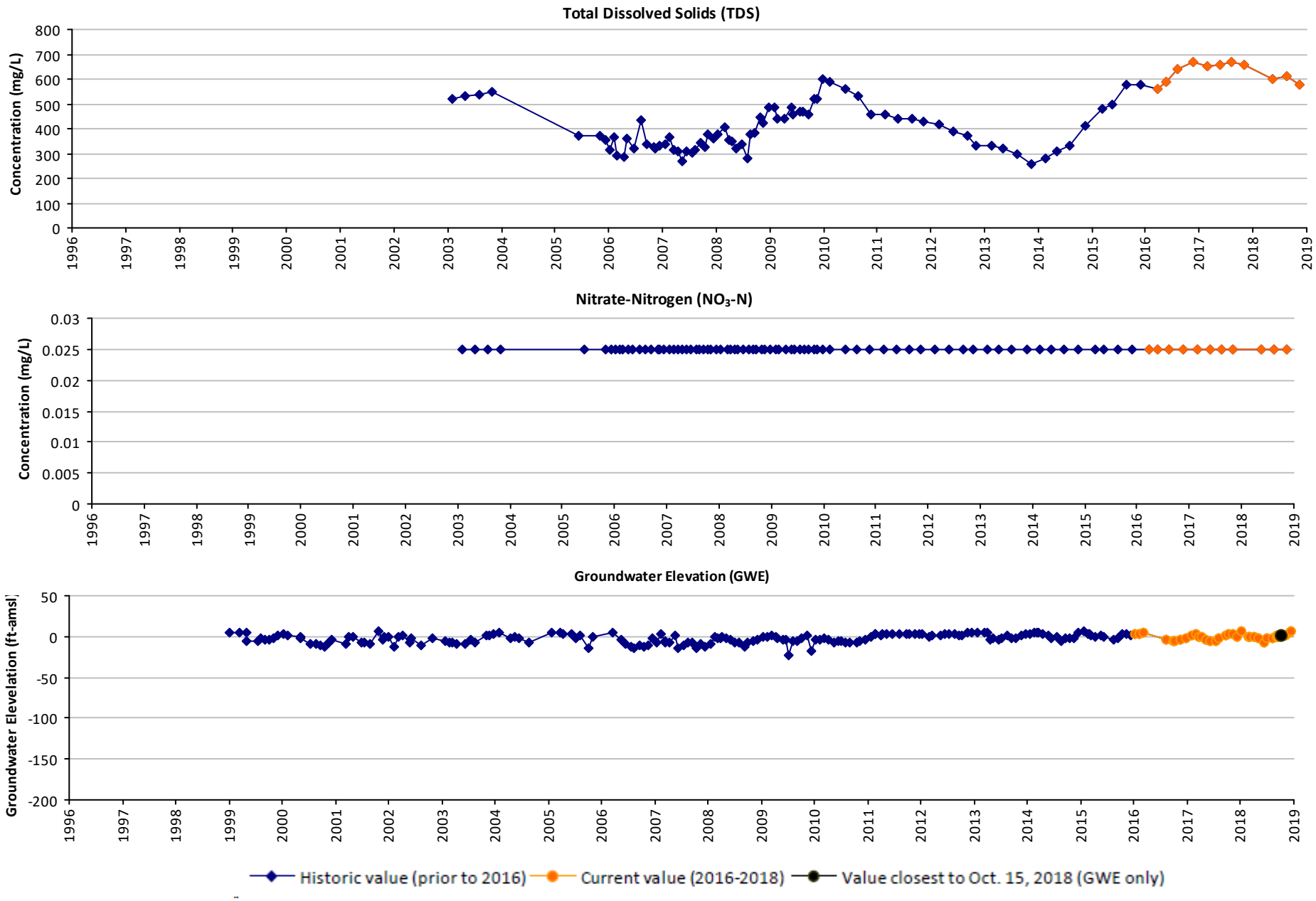
Nitrate-Nitrogen (NO_3-N)

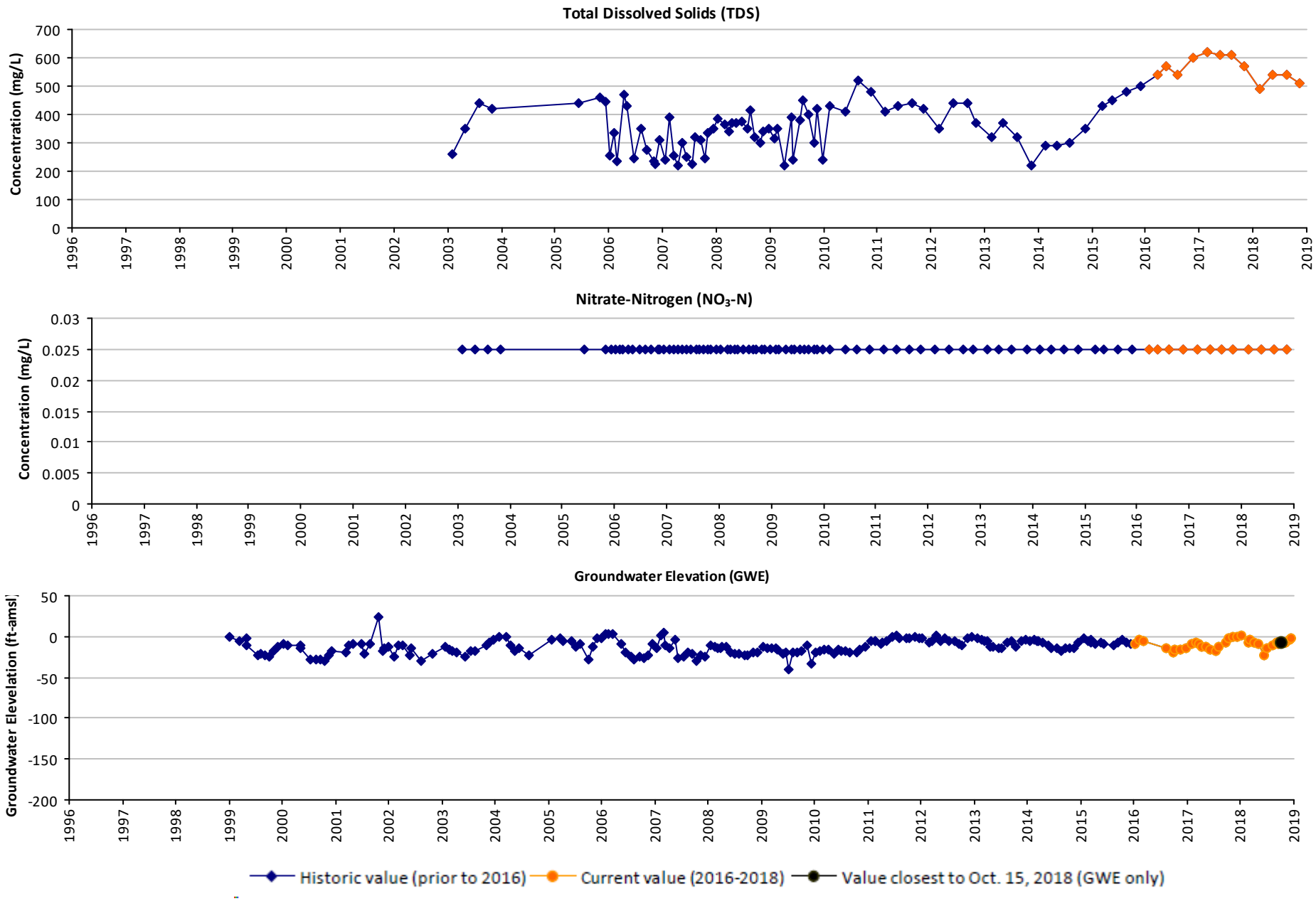
Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

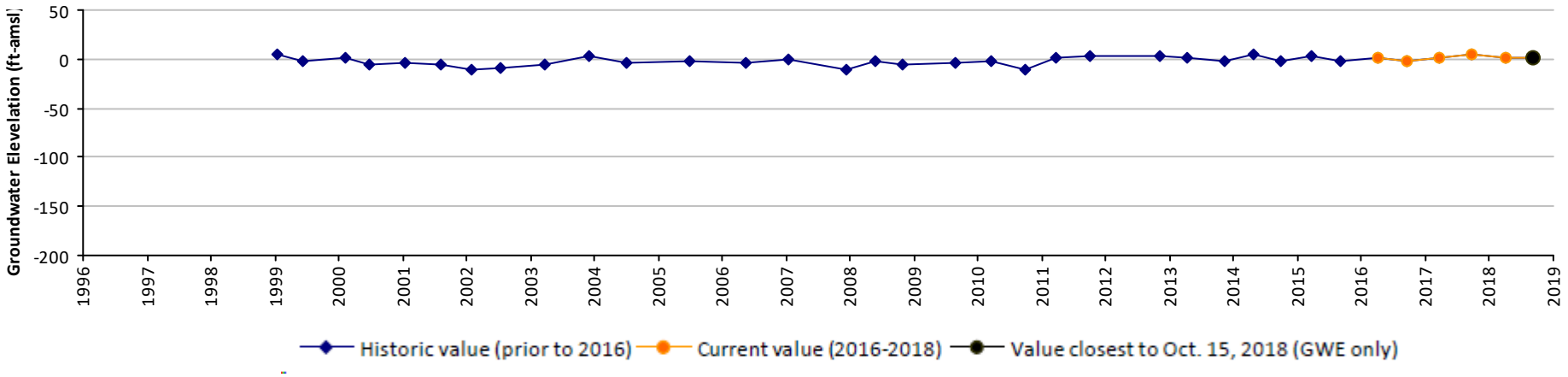

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

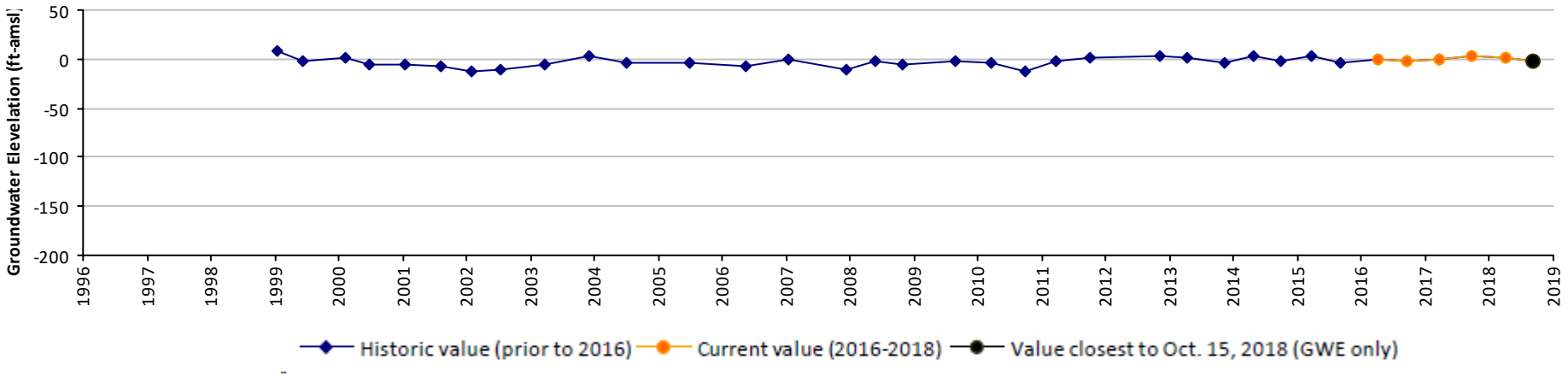
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

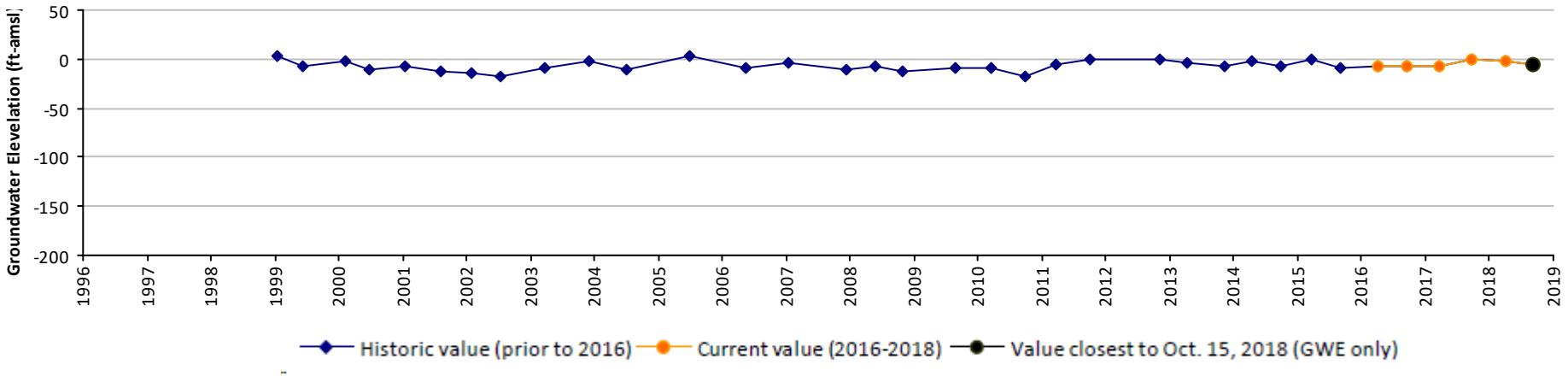
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

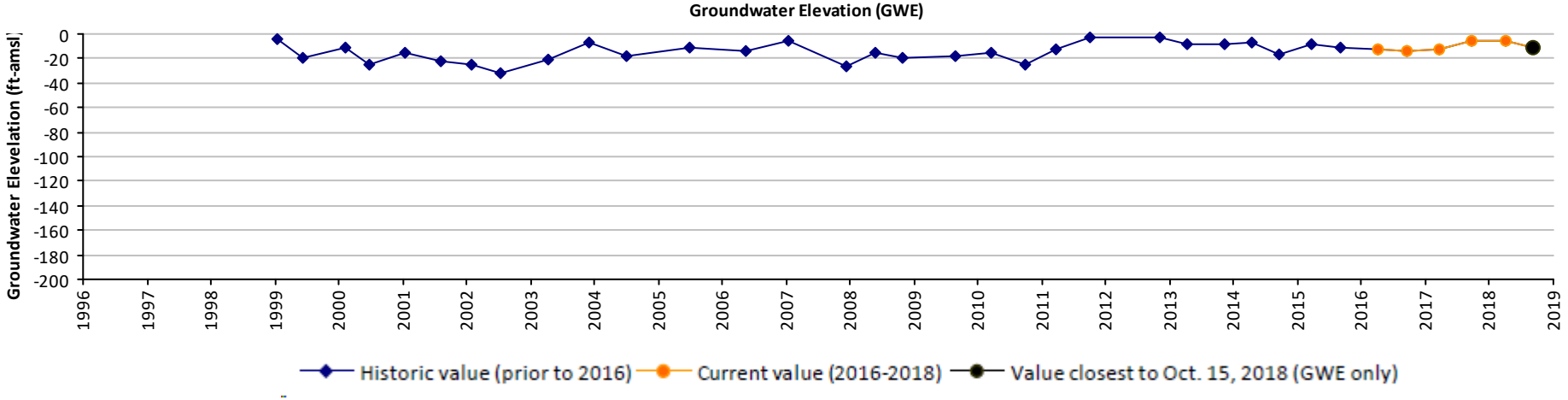
Groundwater Elevation (GWE)

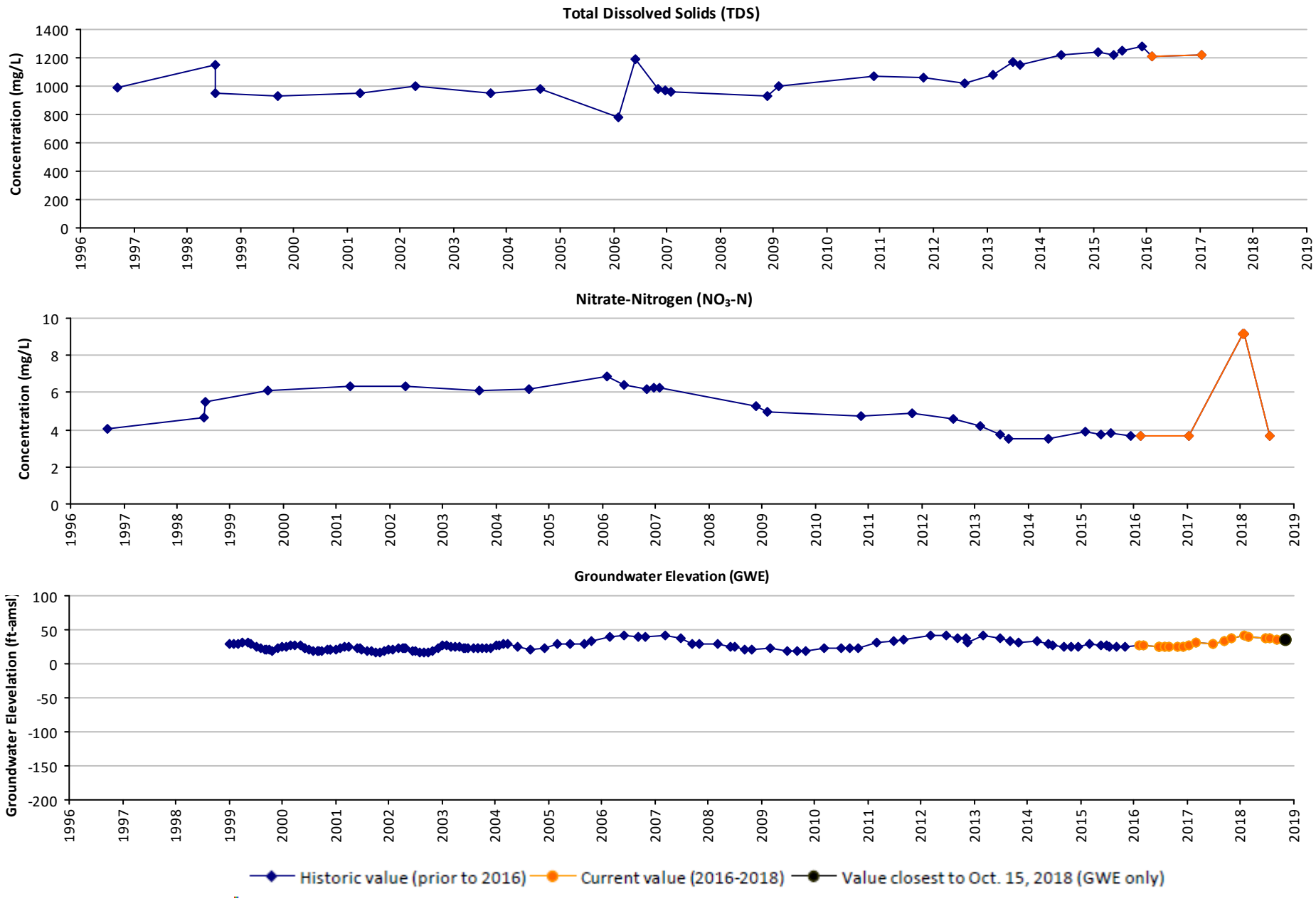


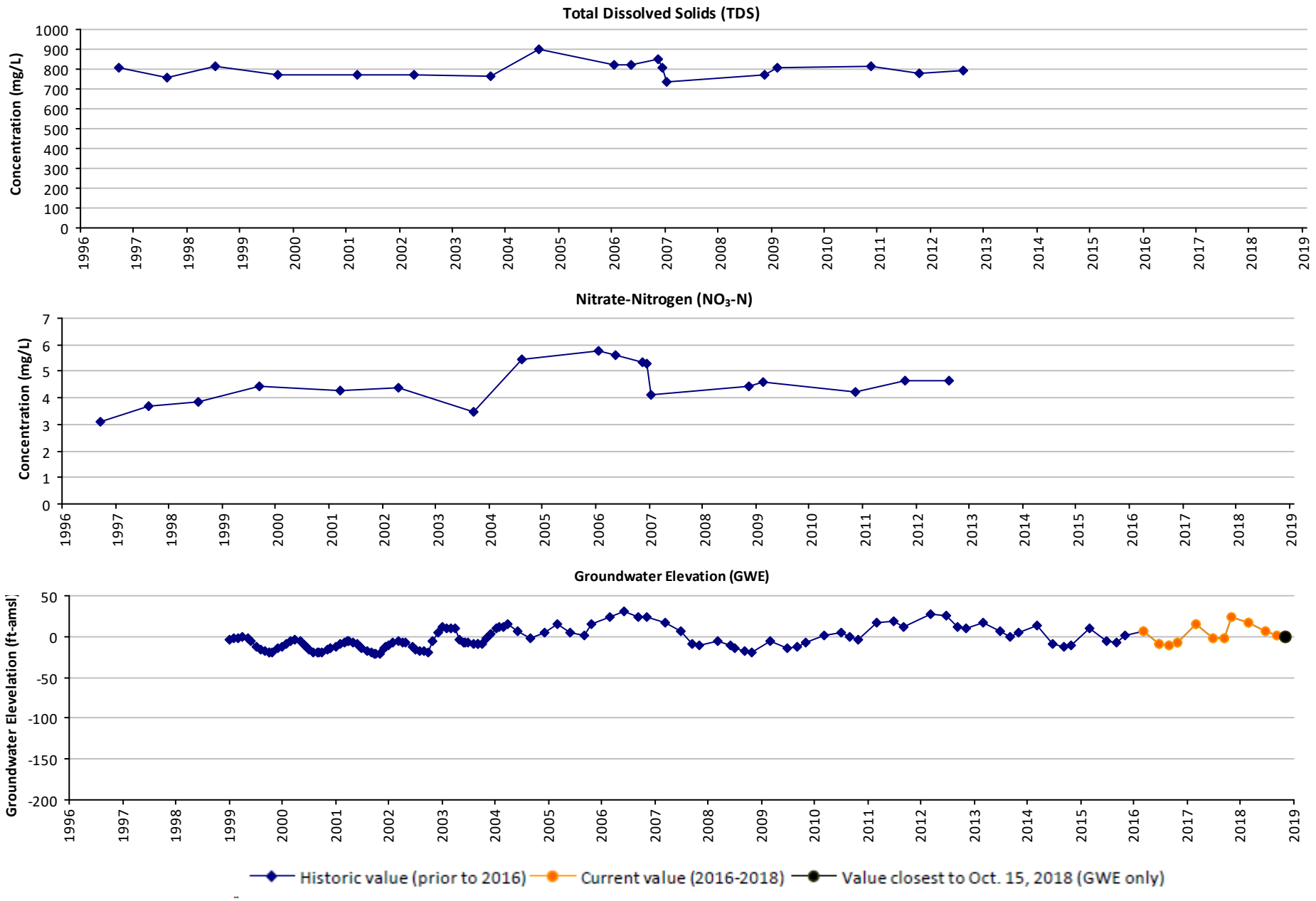
Total Dissolved Solids (TDS)

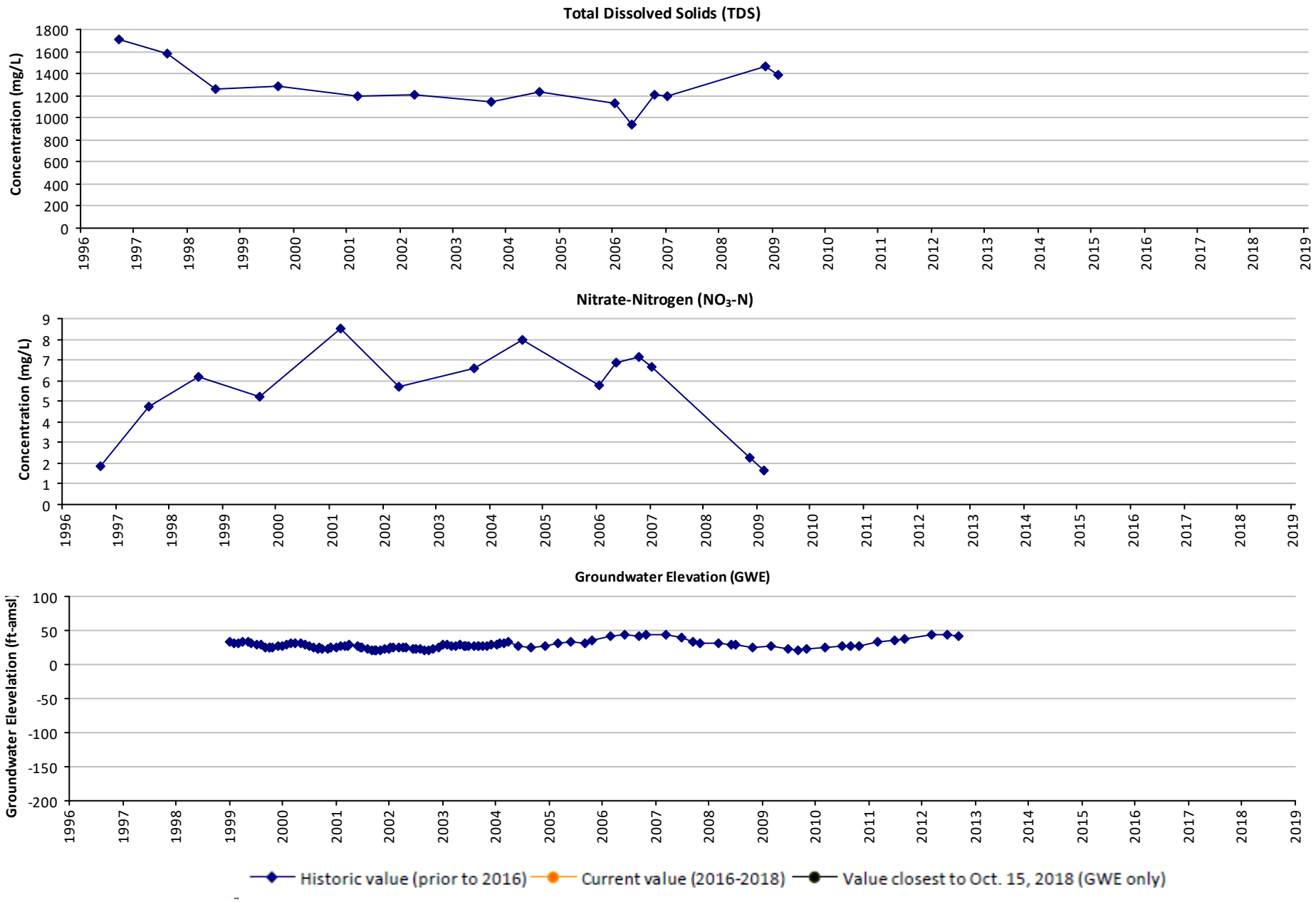
Nitrate-Nitrogen (NO_3-N)

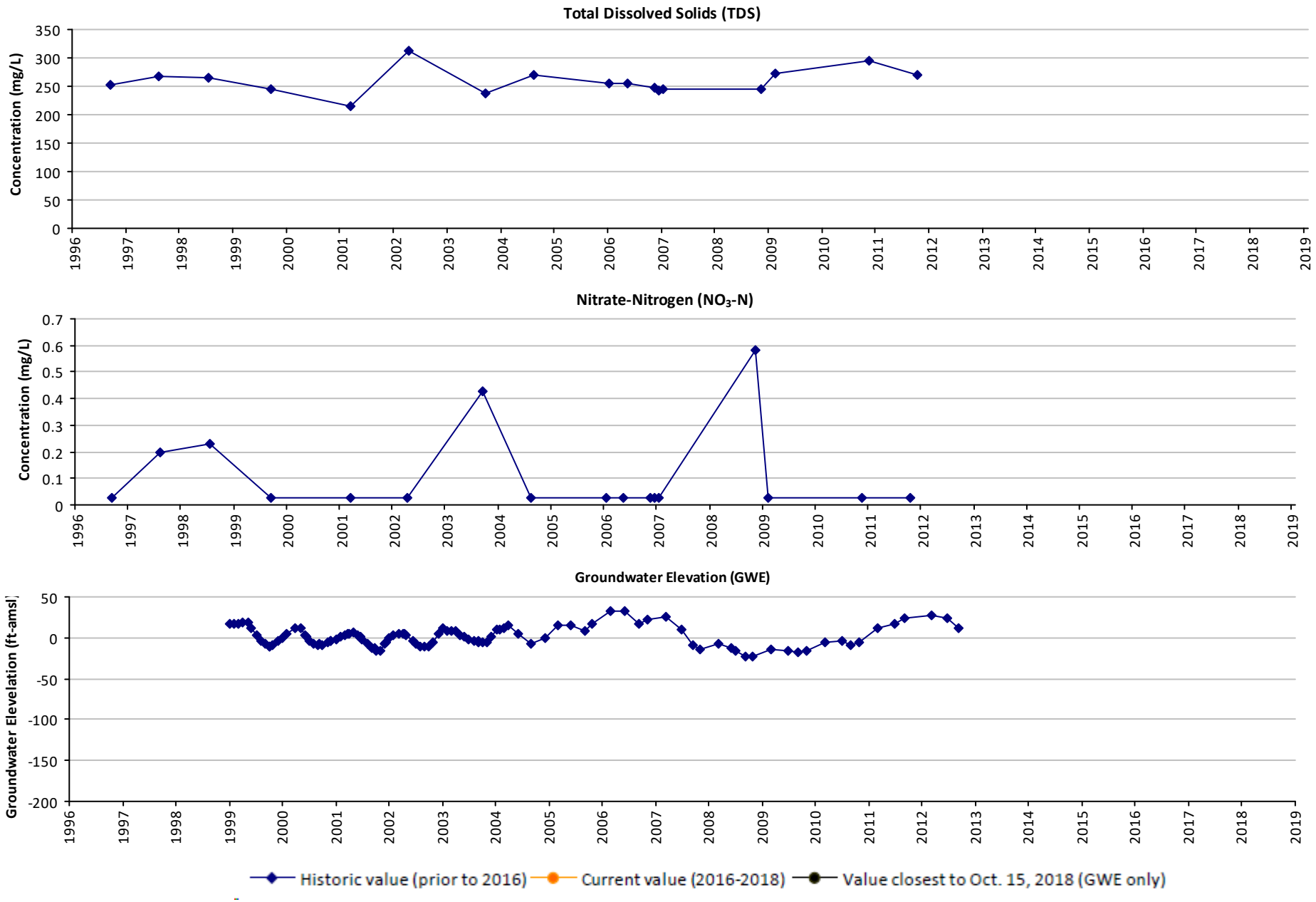
Groundwater Elevation (GWE)

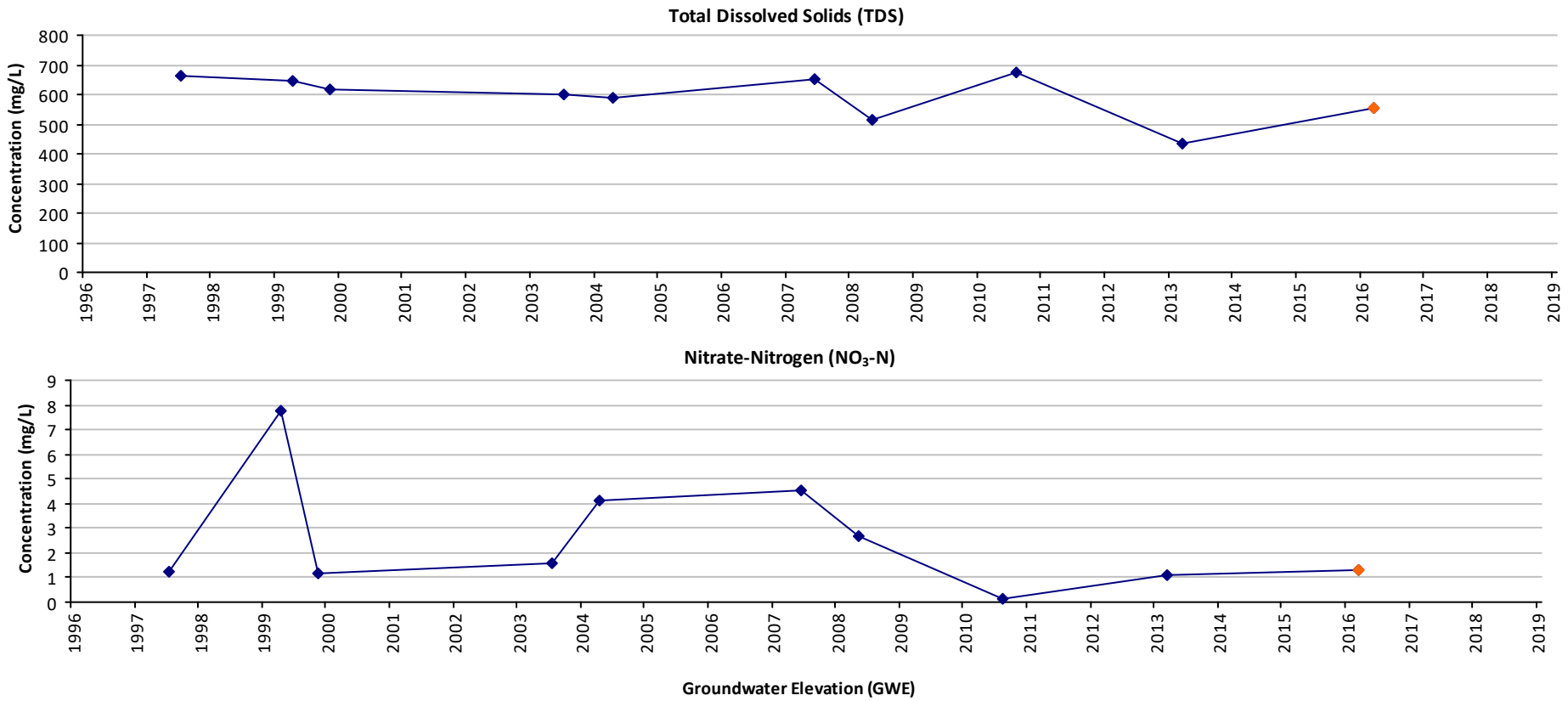


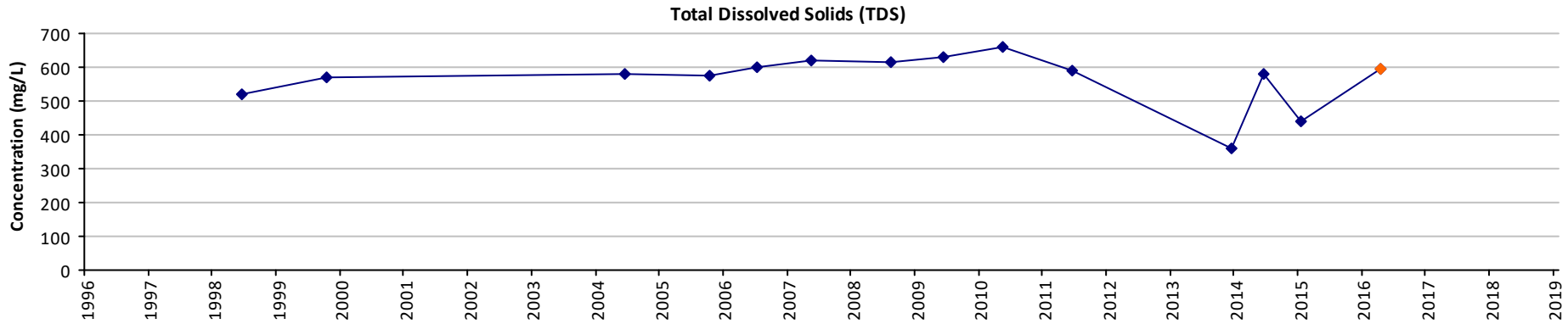

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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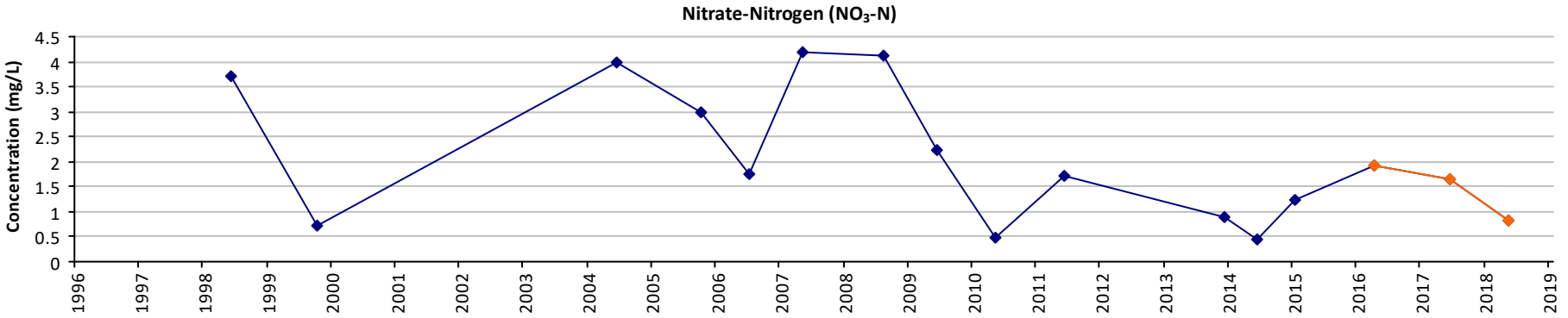
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2010
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2012
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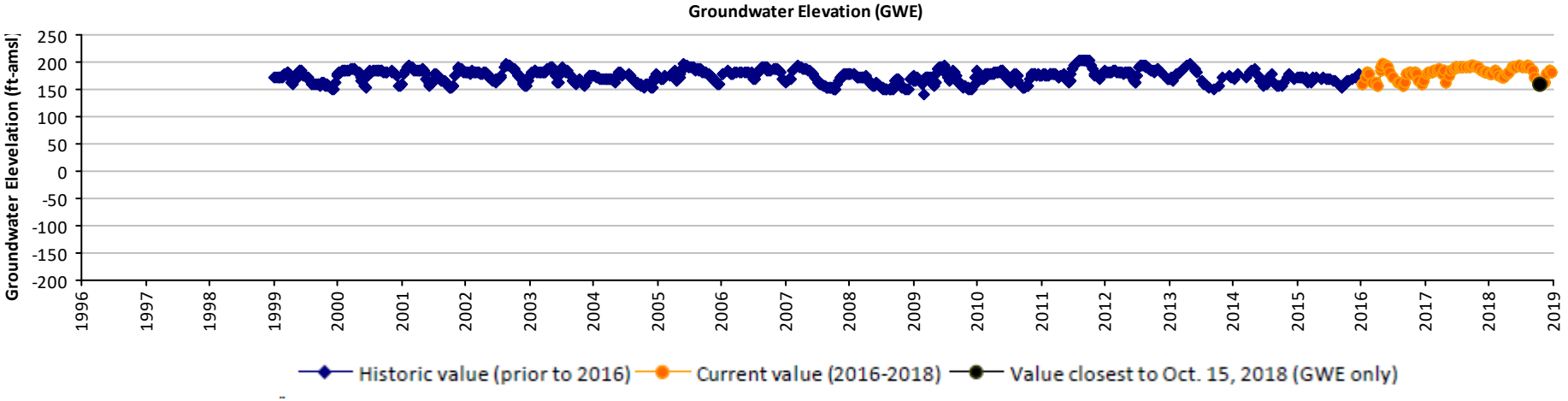
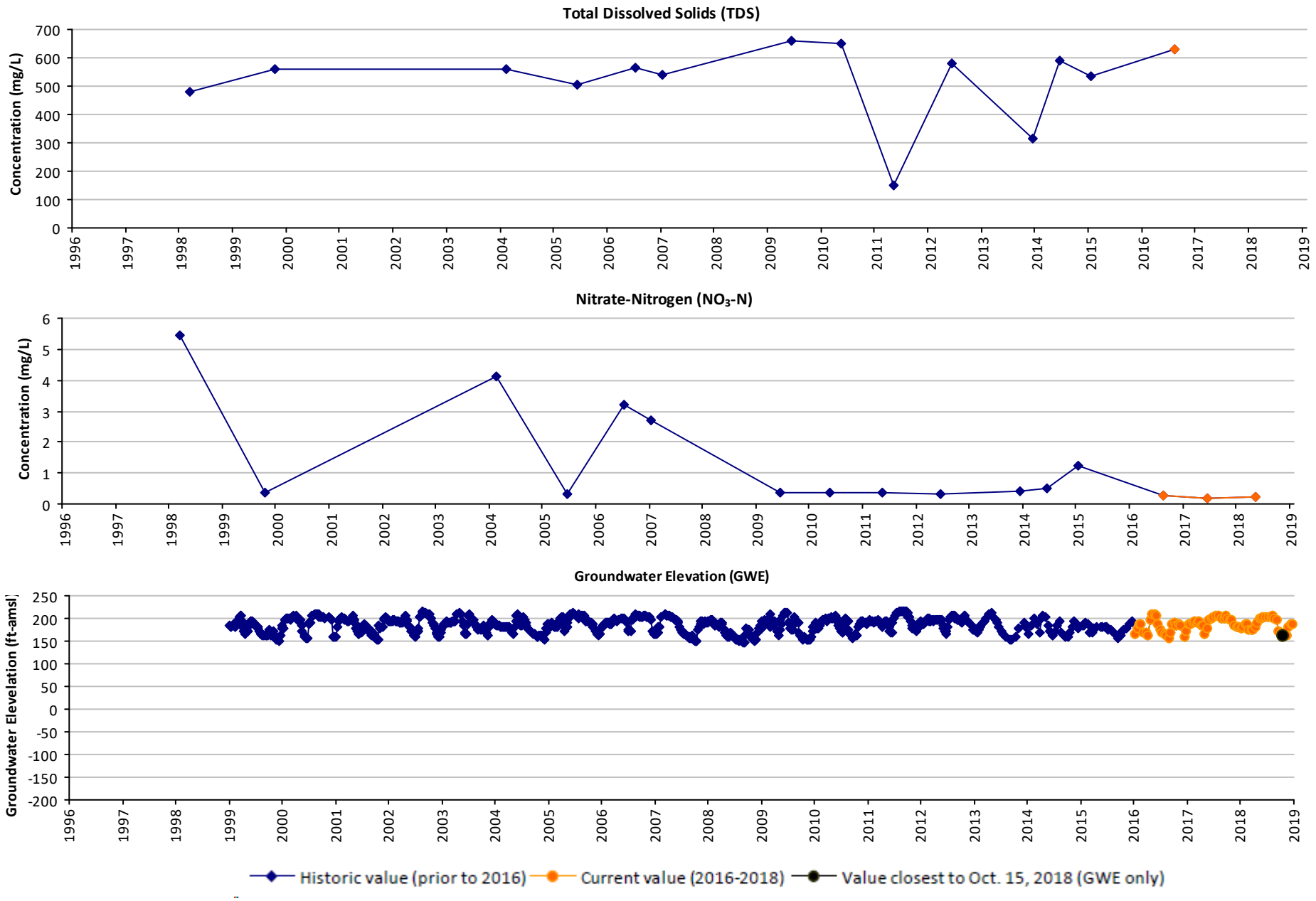
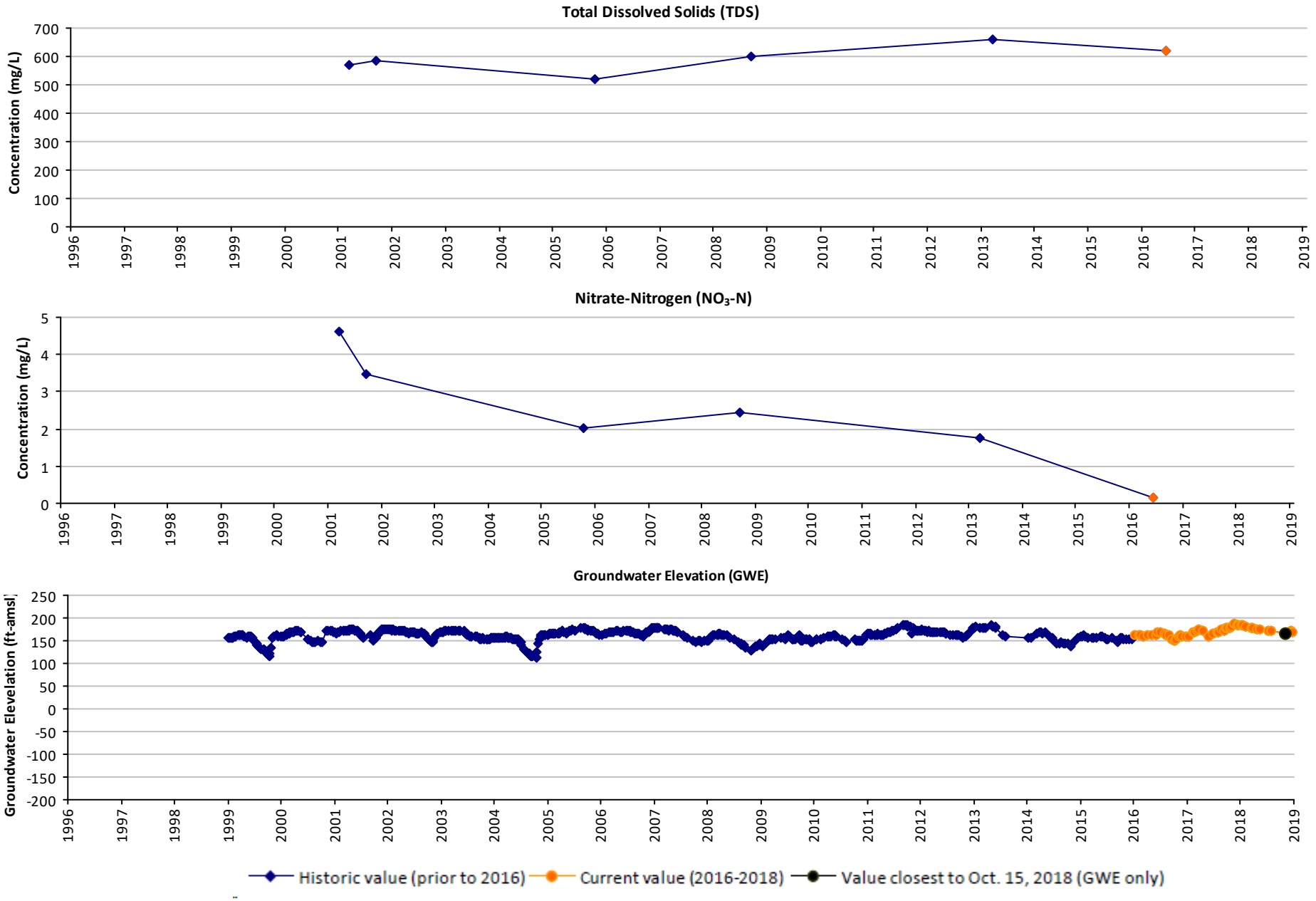
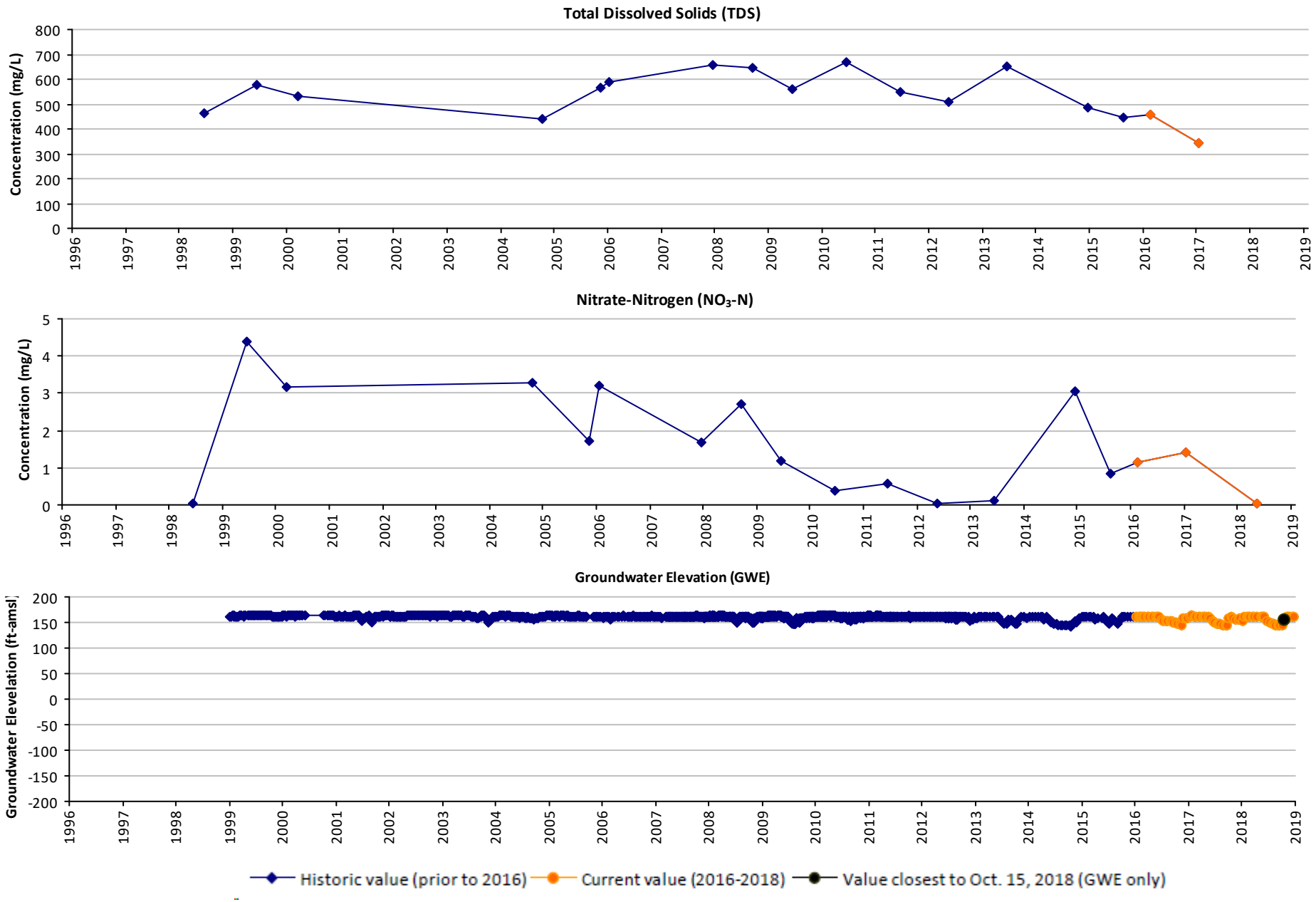
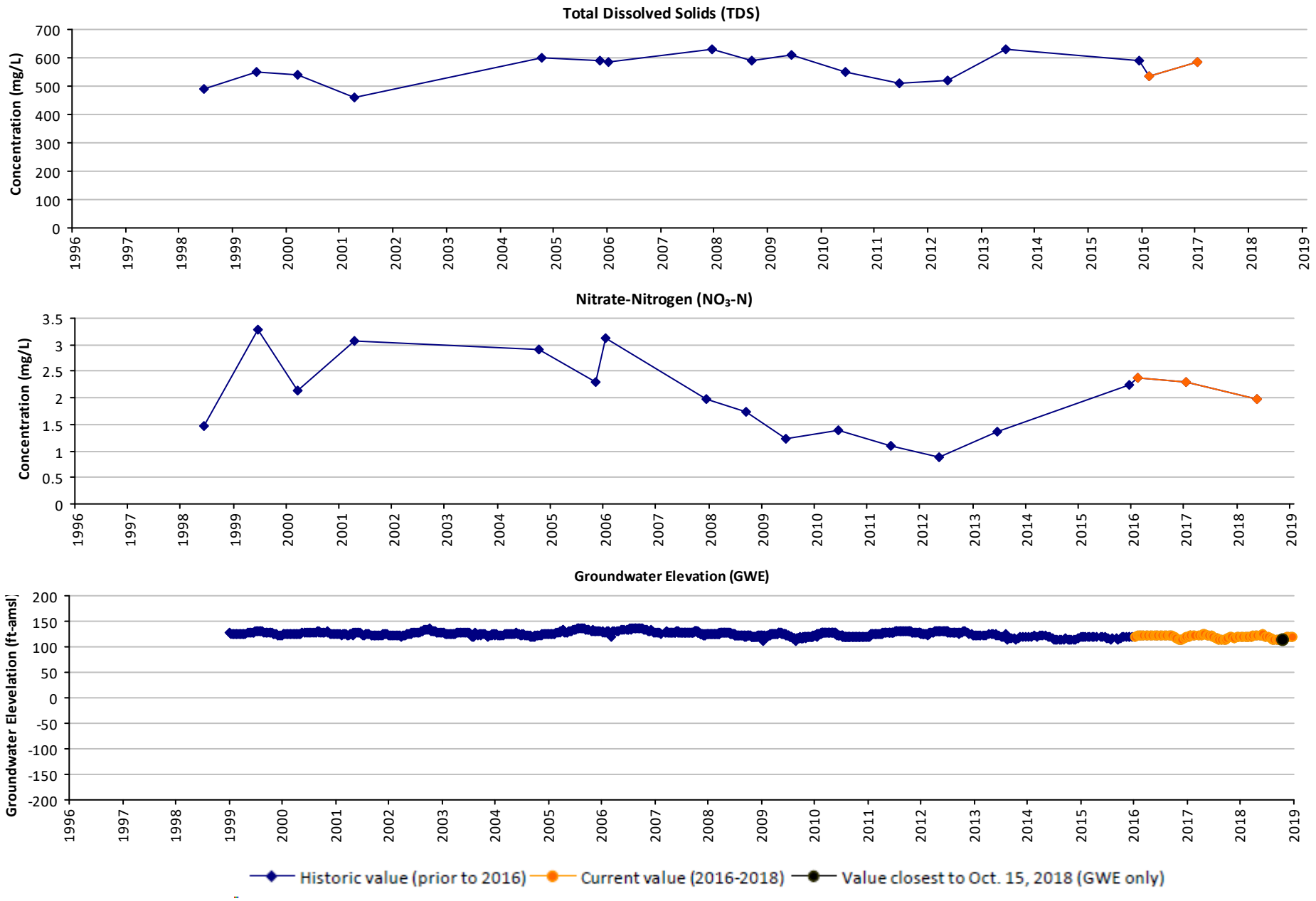
2014
2015
2016
2017
2018
2019

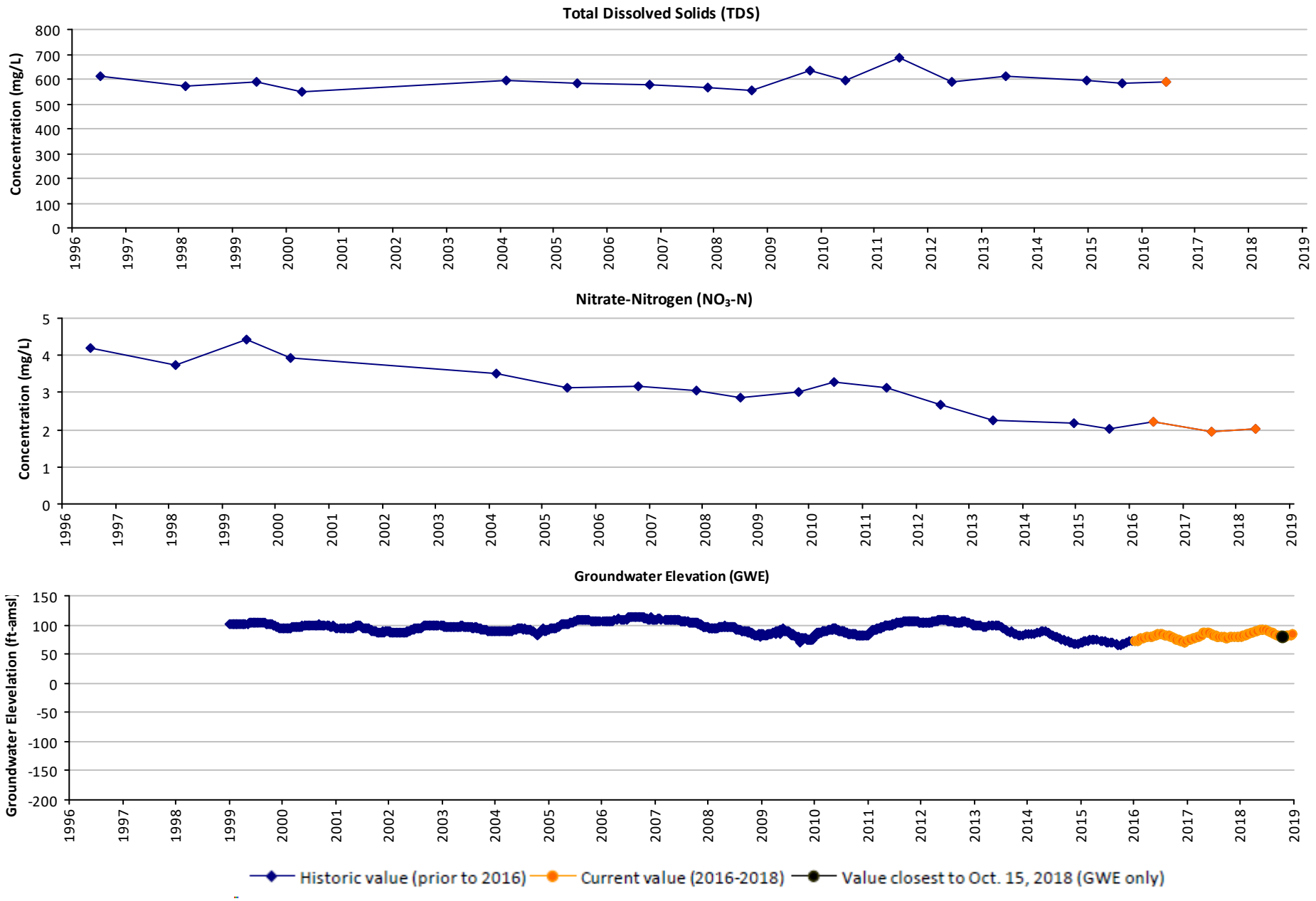

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
200
250
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

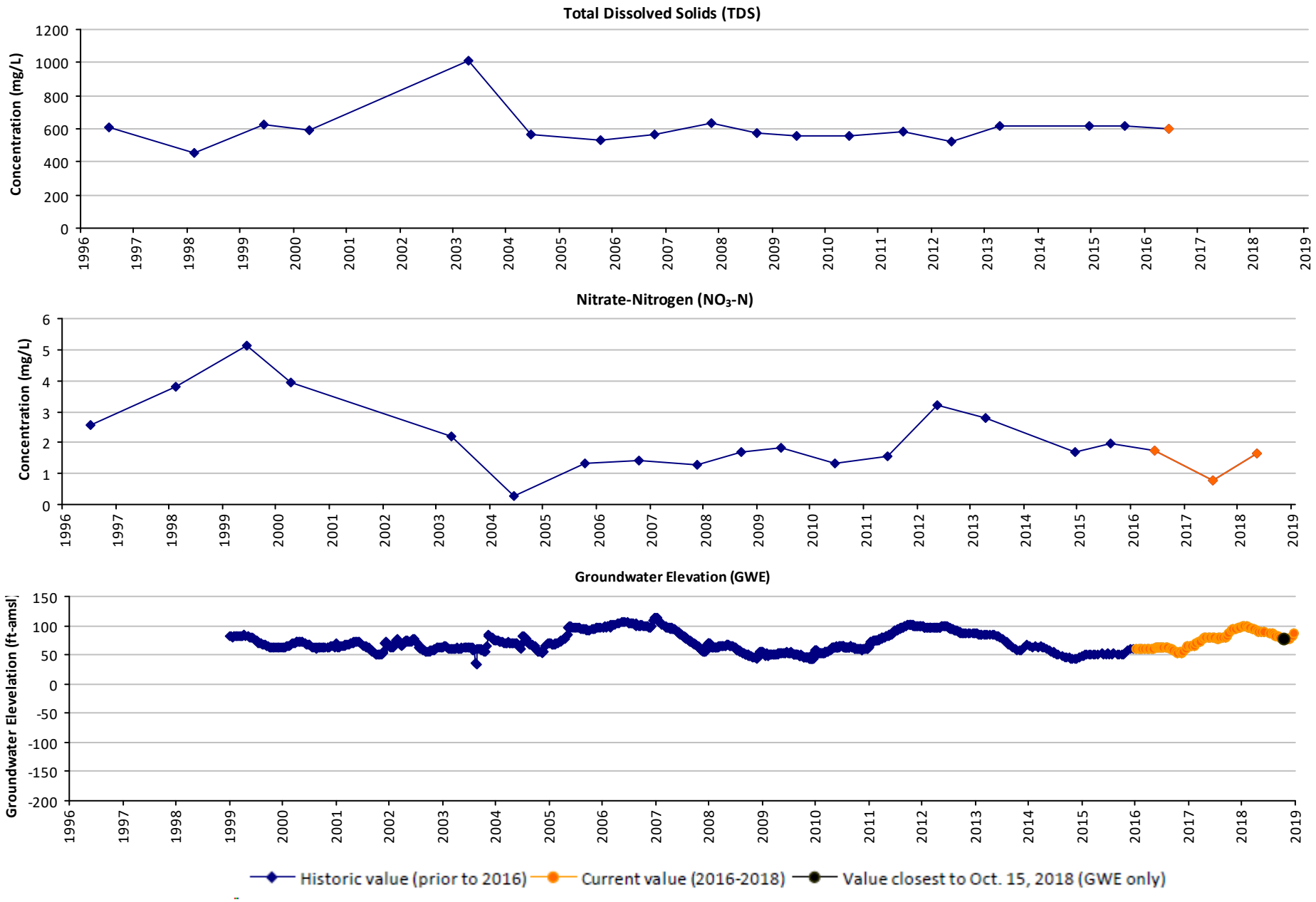

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

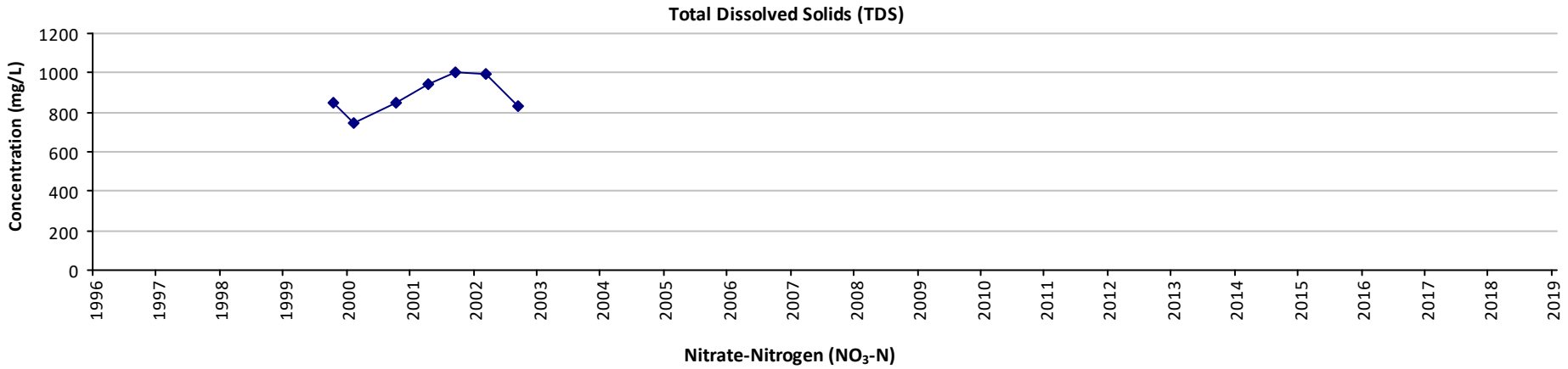

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
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2001
2002
2003
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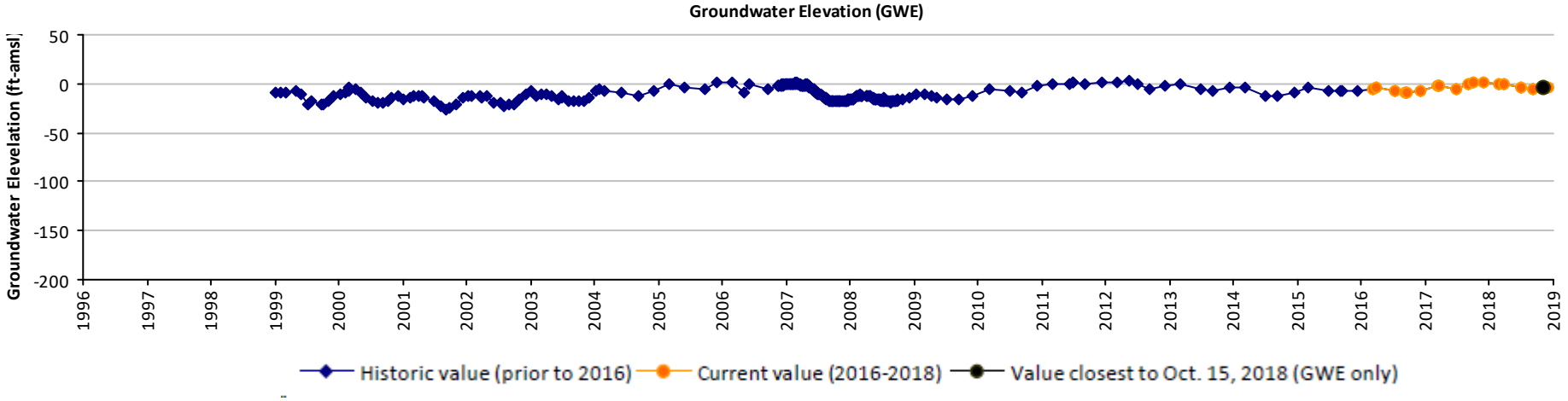
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
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2001
2002
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2004
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2006
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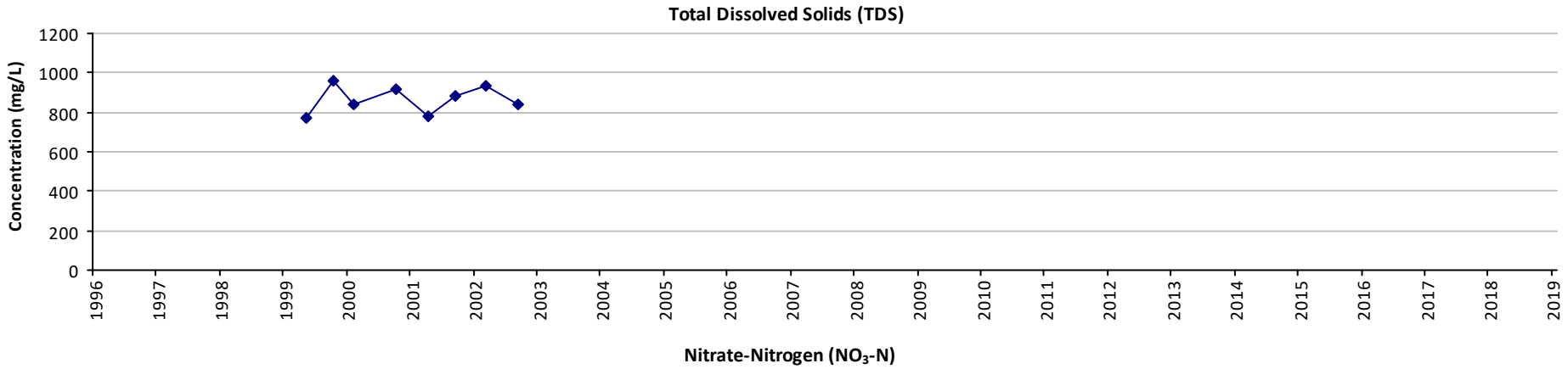
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
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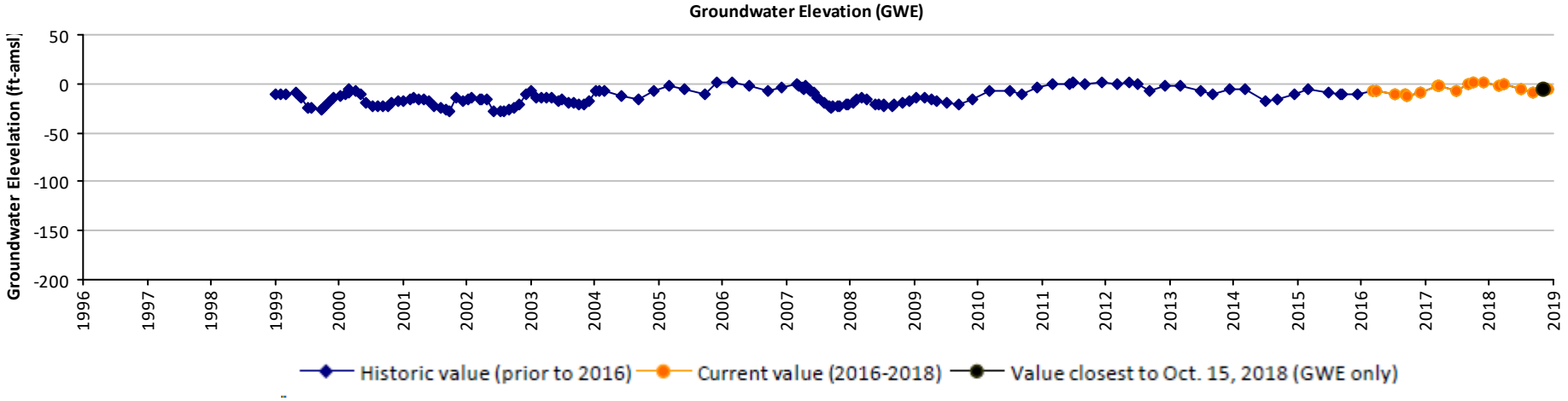
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
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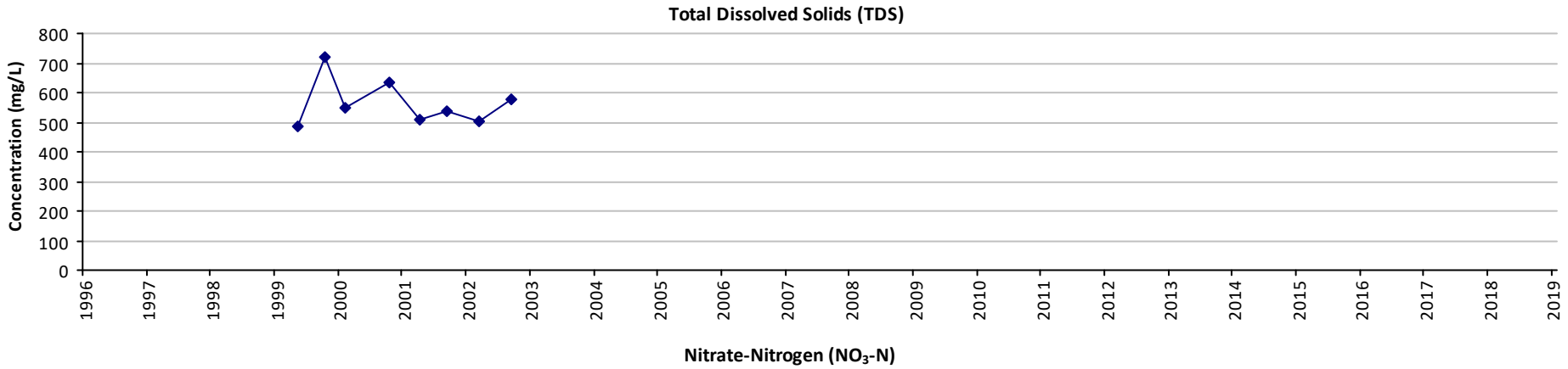
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
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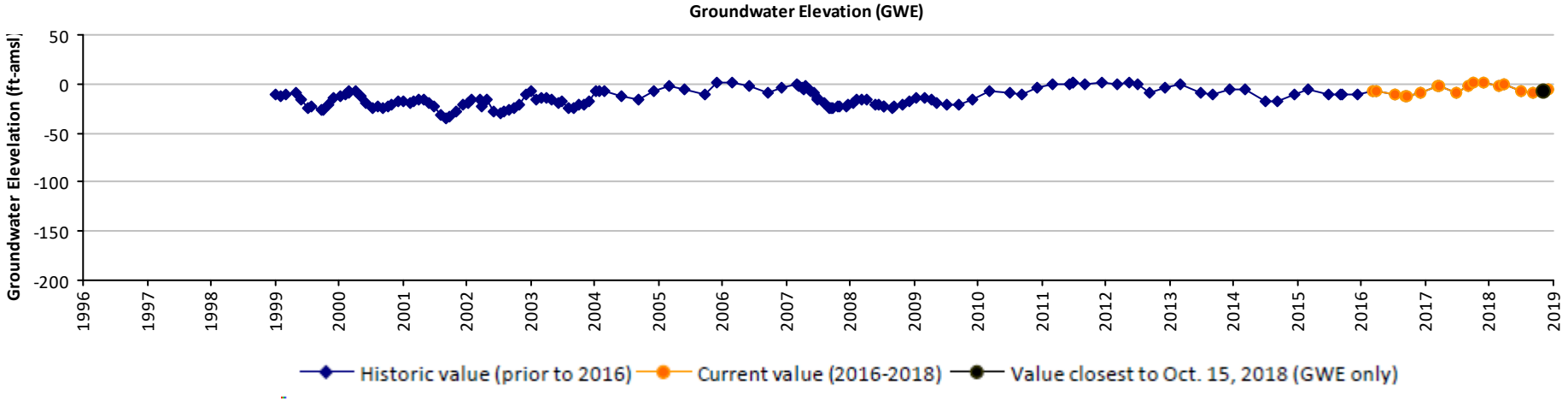
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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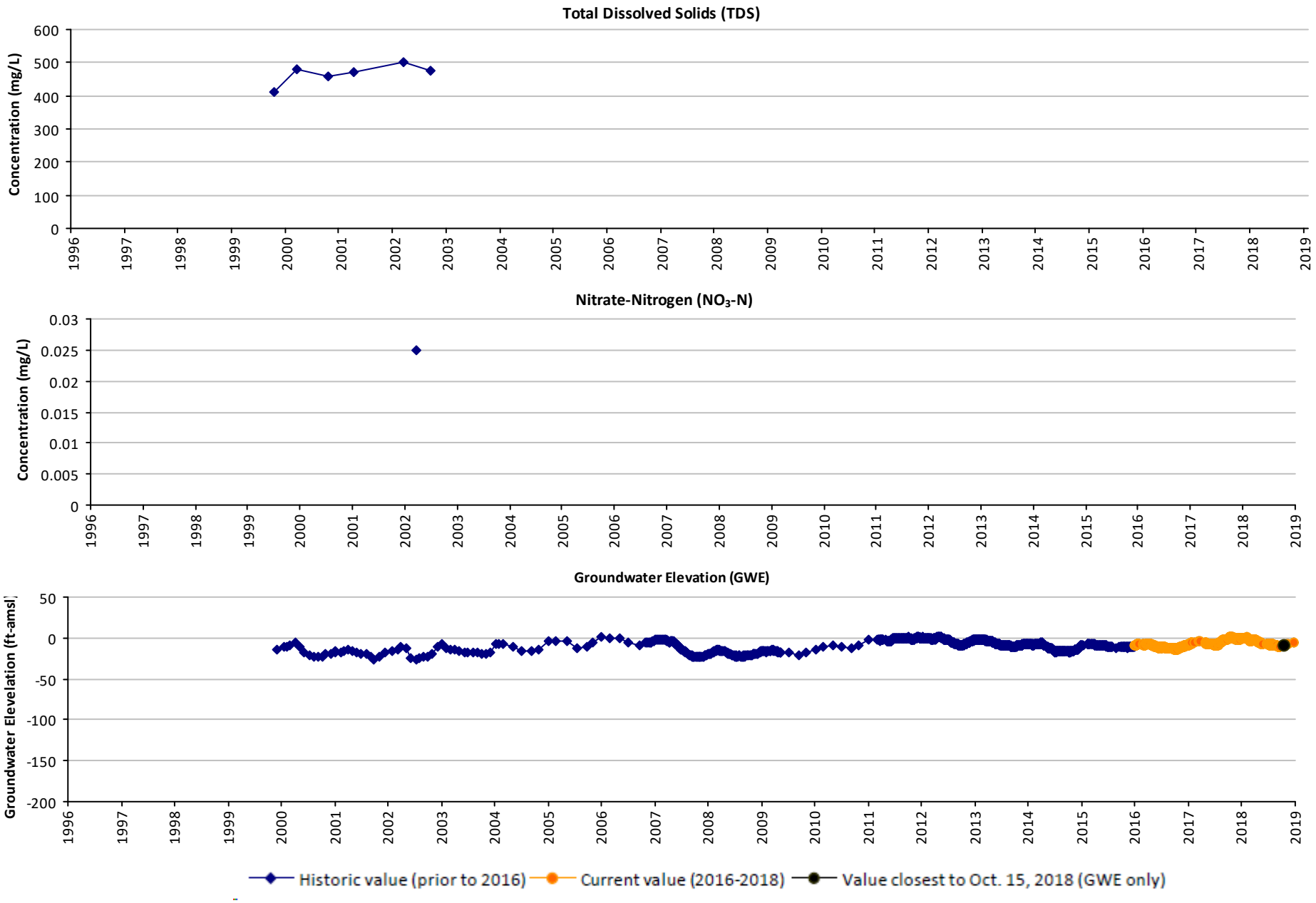
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
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2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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2014
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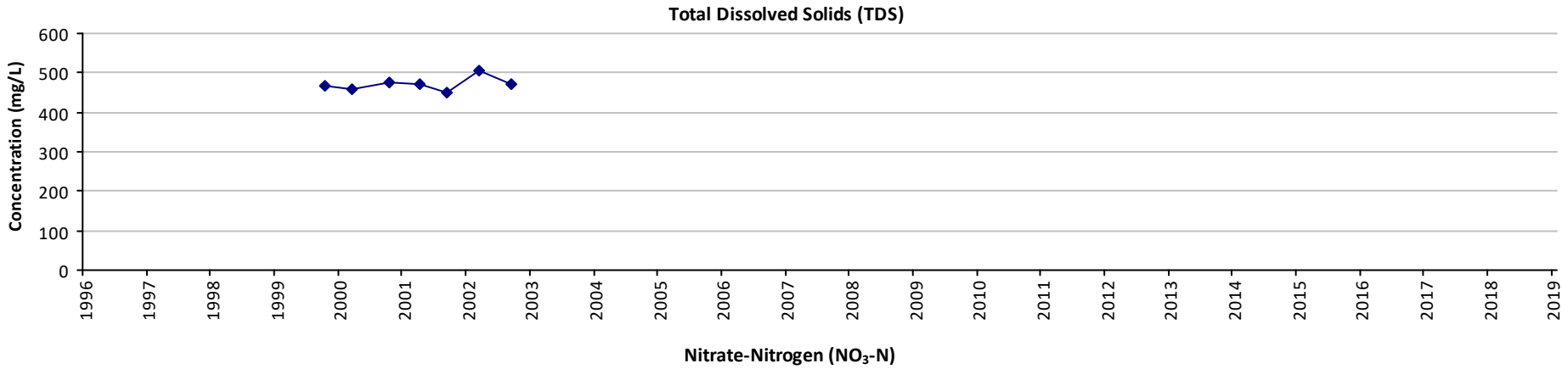
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
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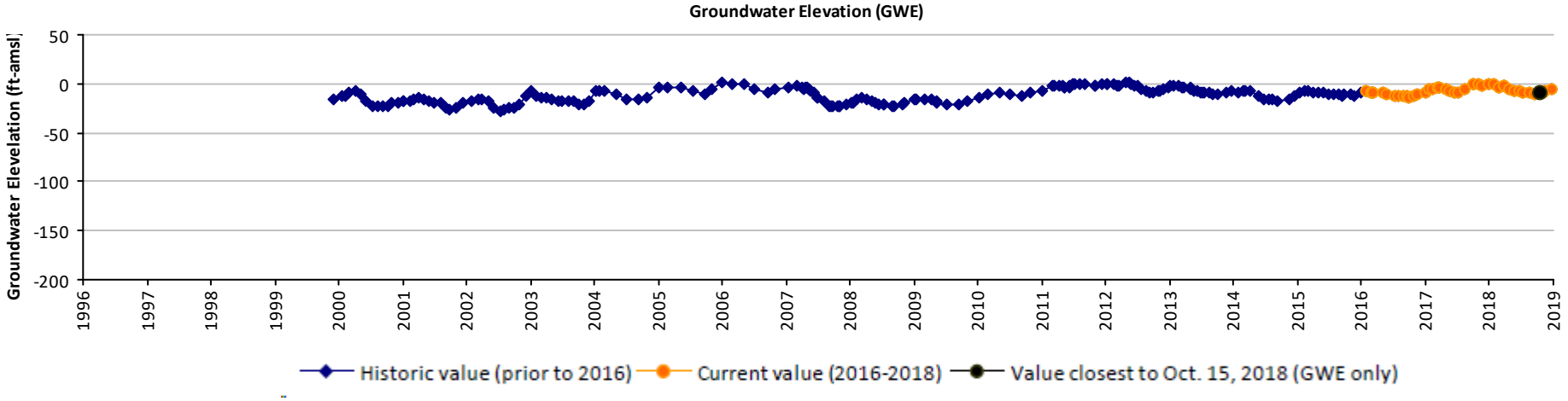
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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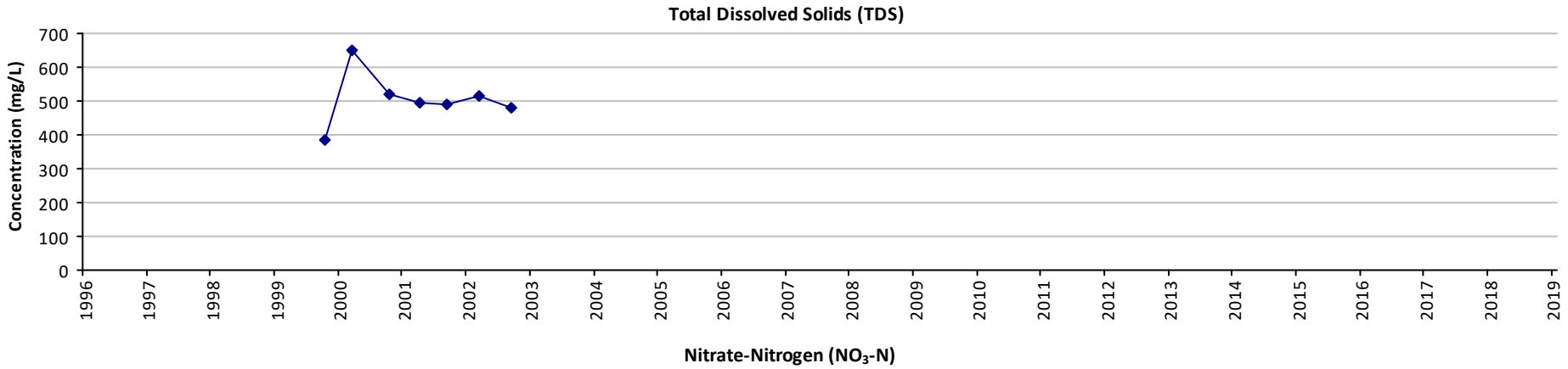
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
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1996
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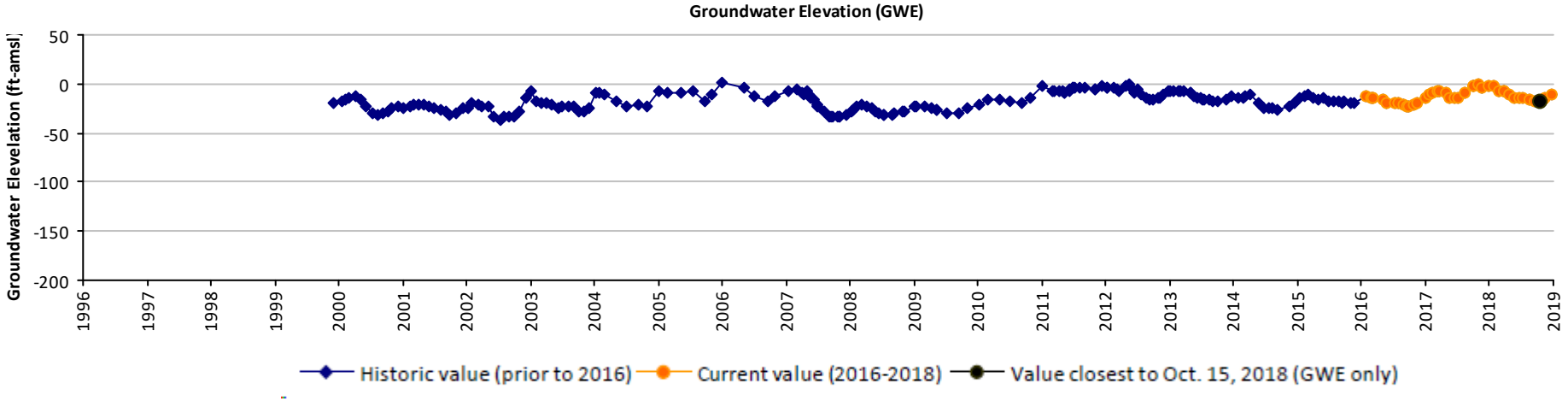
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
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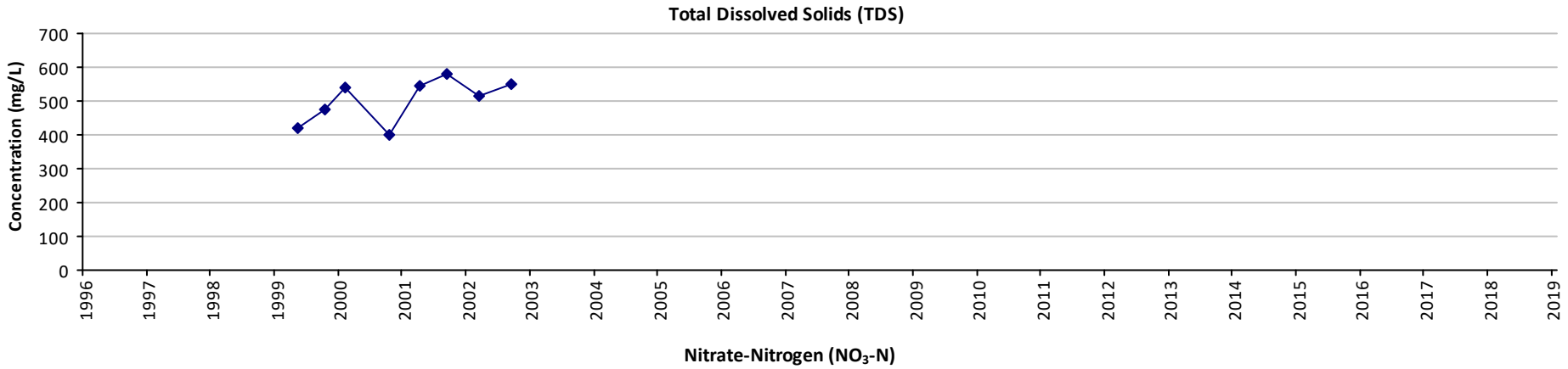
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
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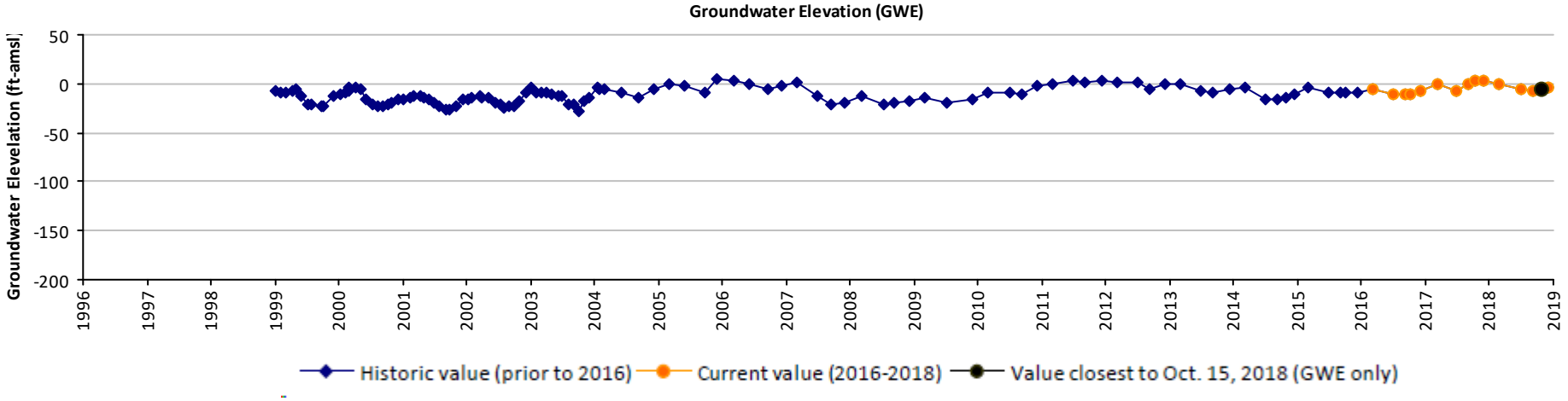
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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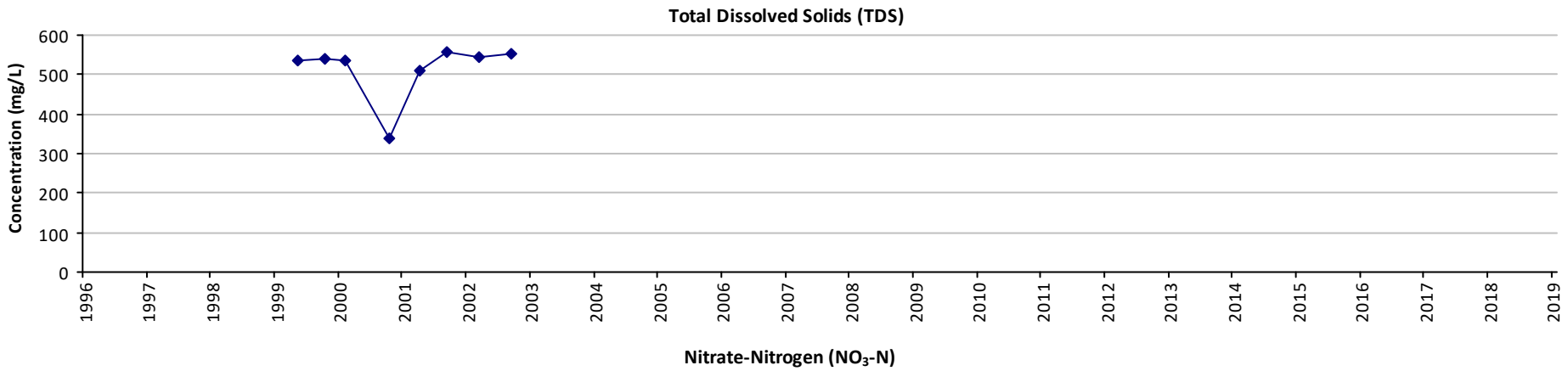
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
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1996
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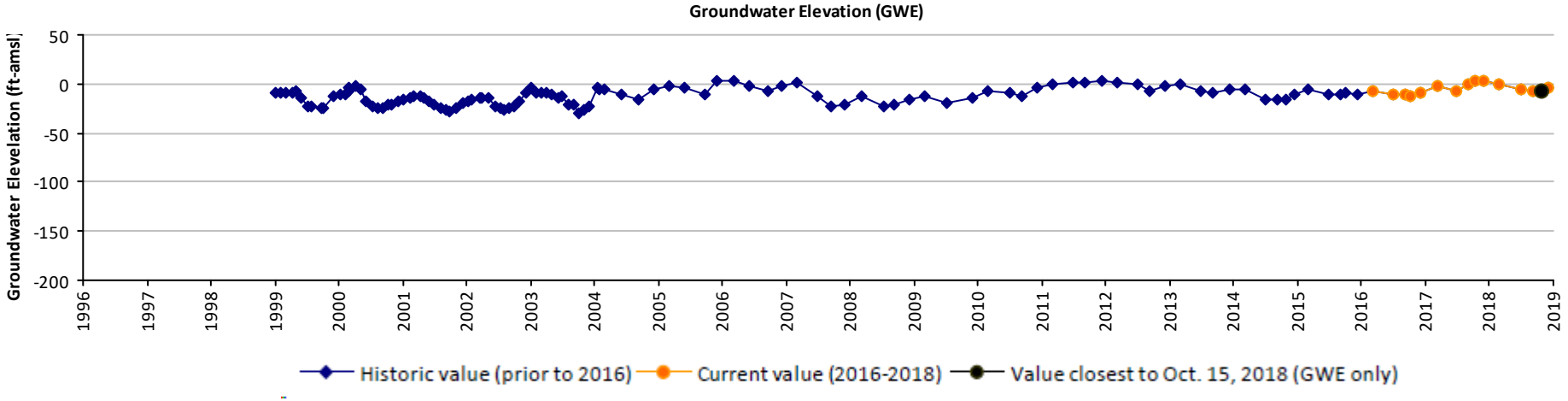
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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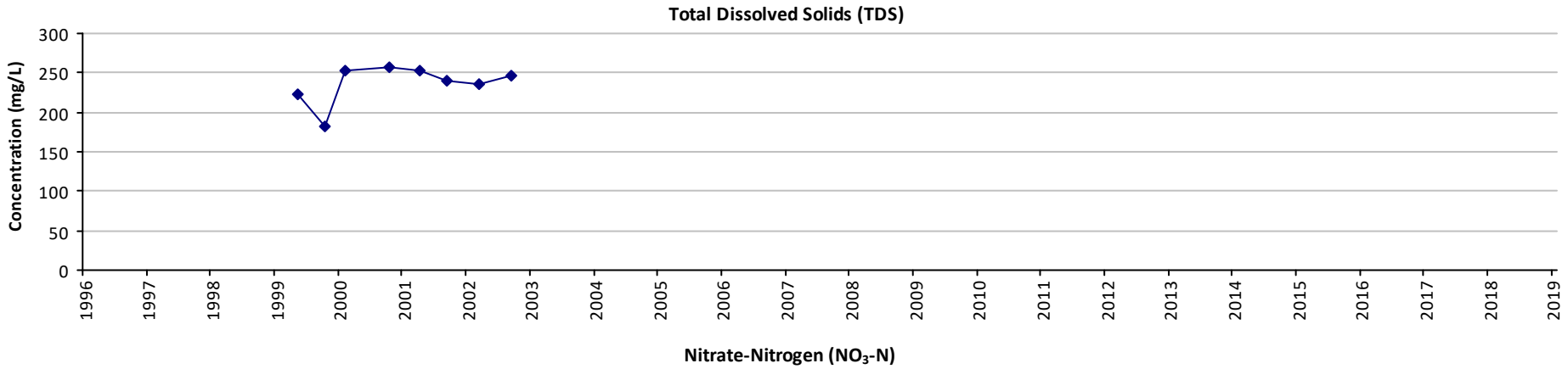
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
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1996
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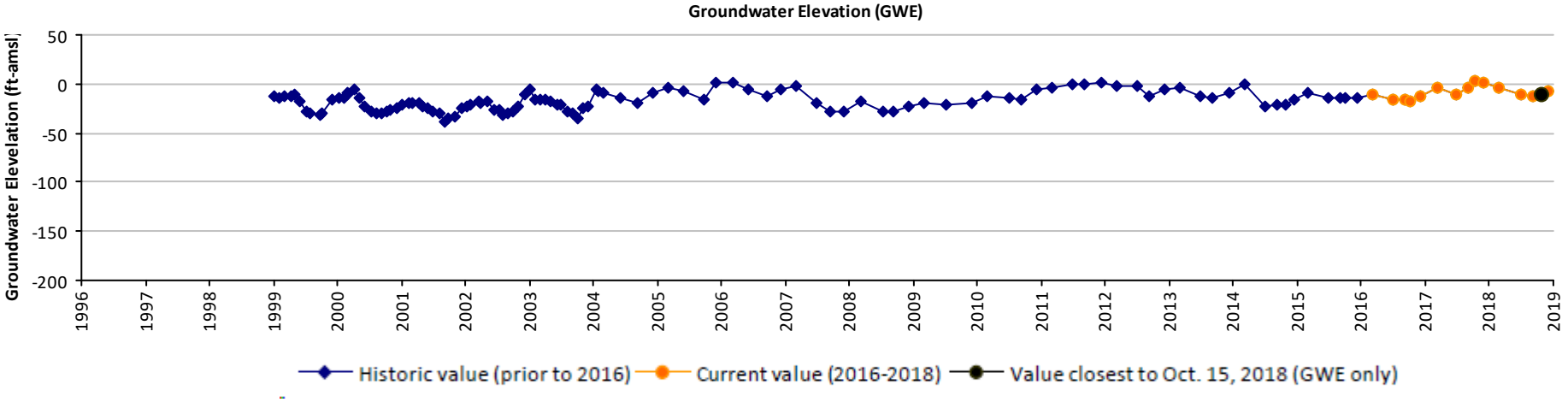
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
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1996
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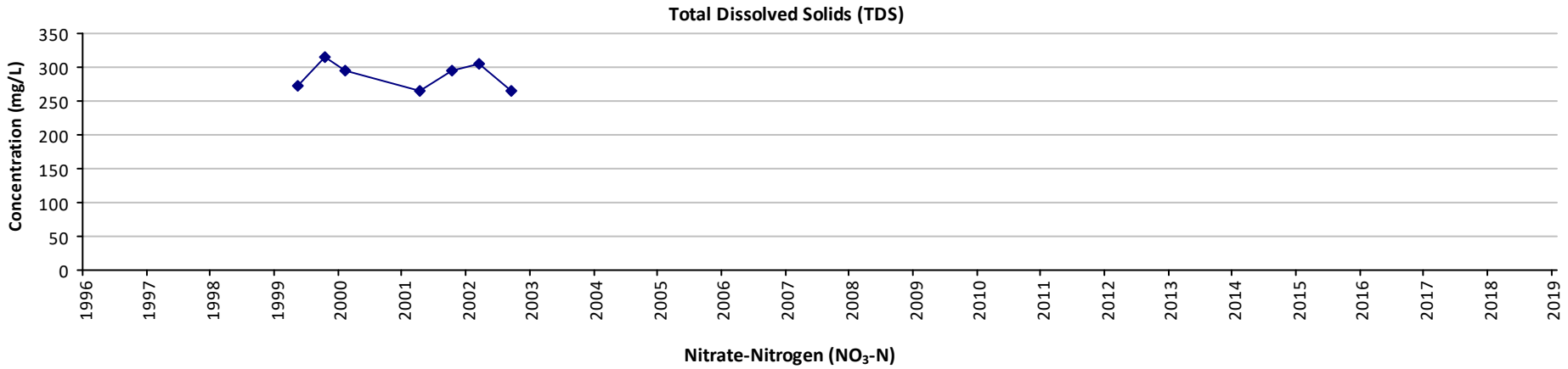
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
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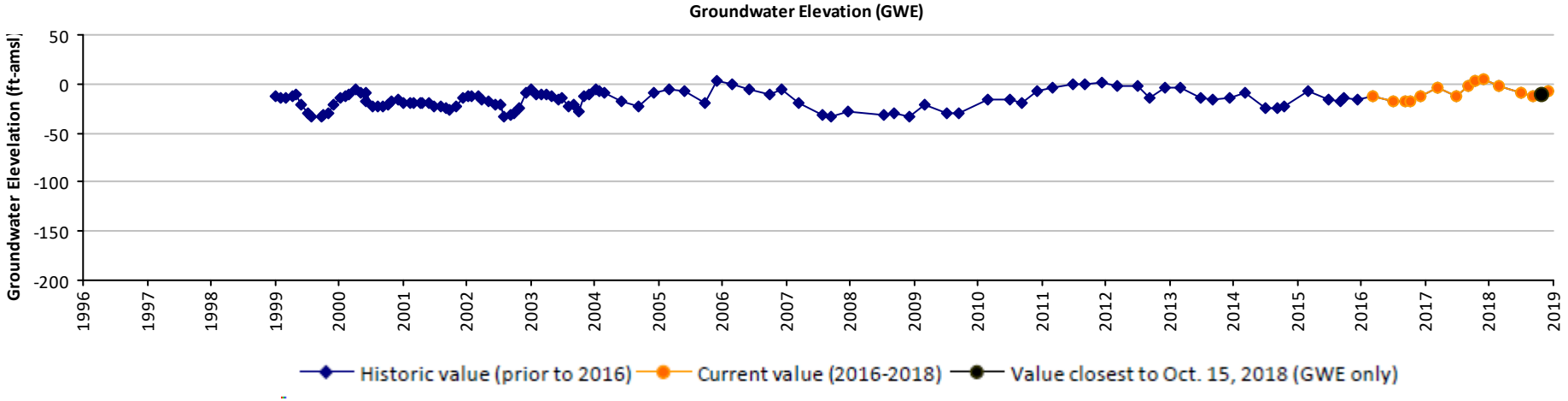
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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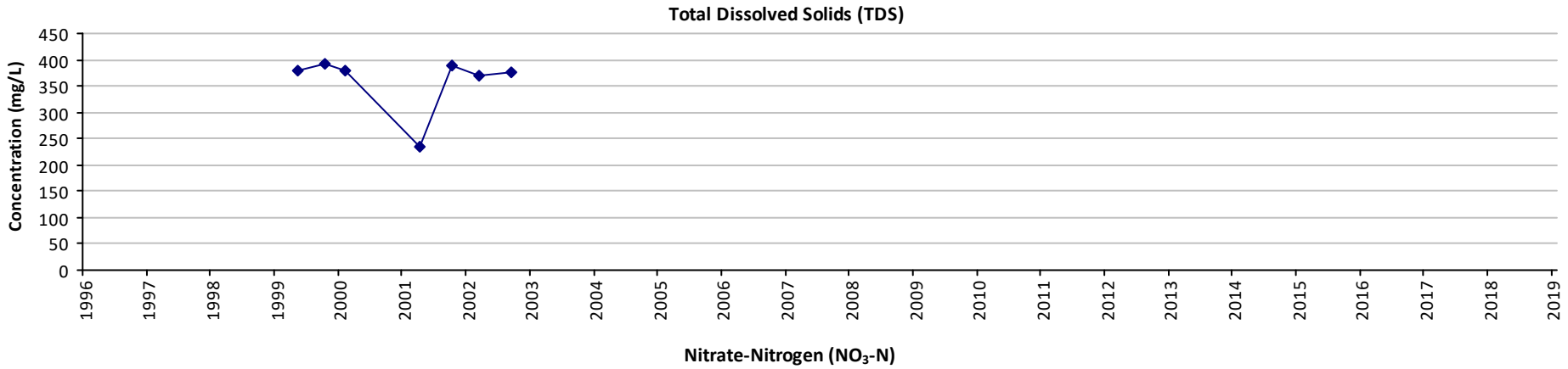
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
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1998
1999
2000
2001
2002
2003
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2012
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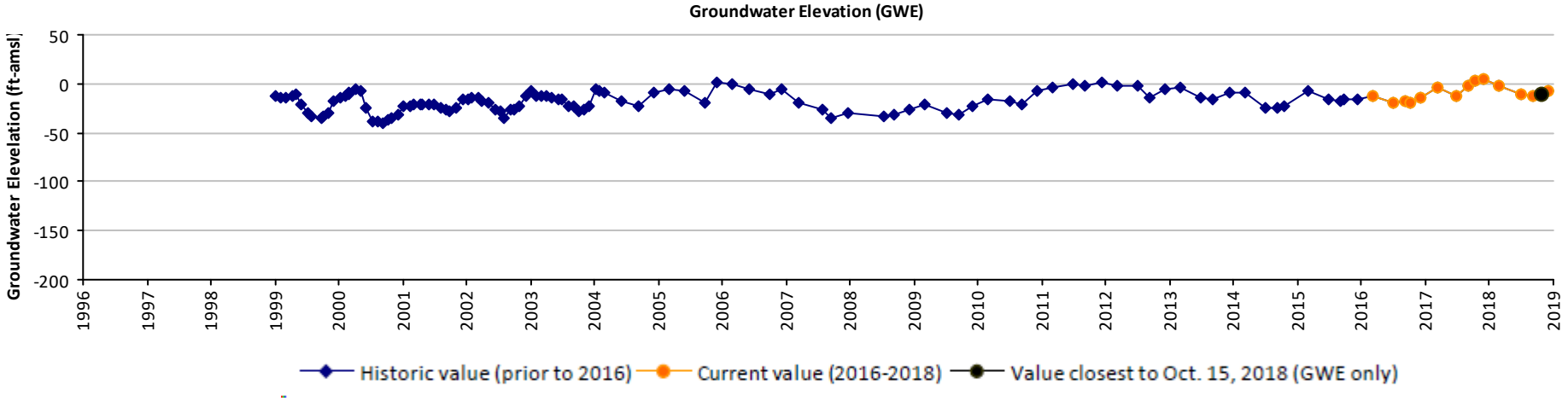
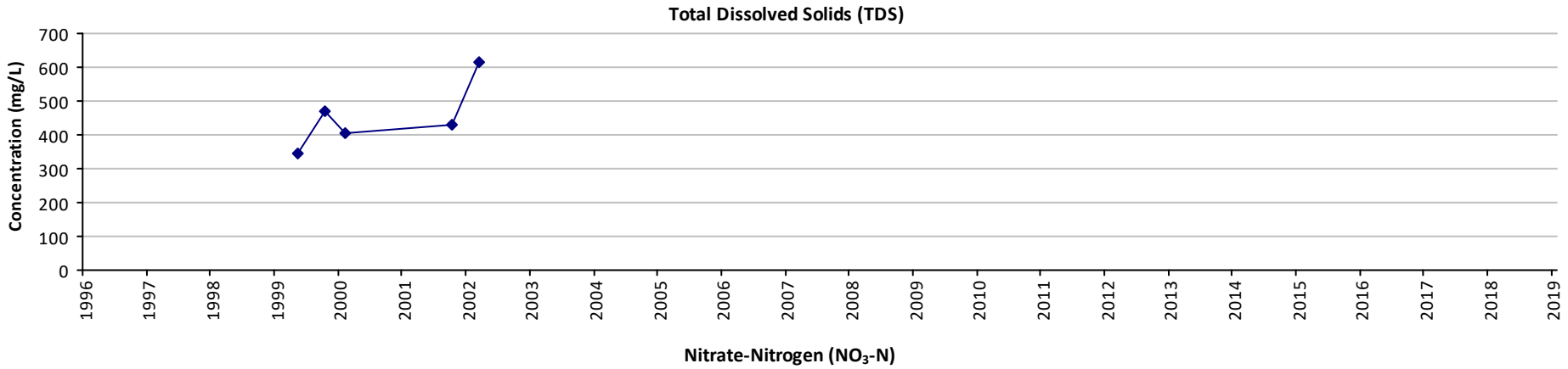
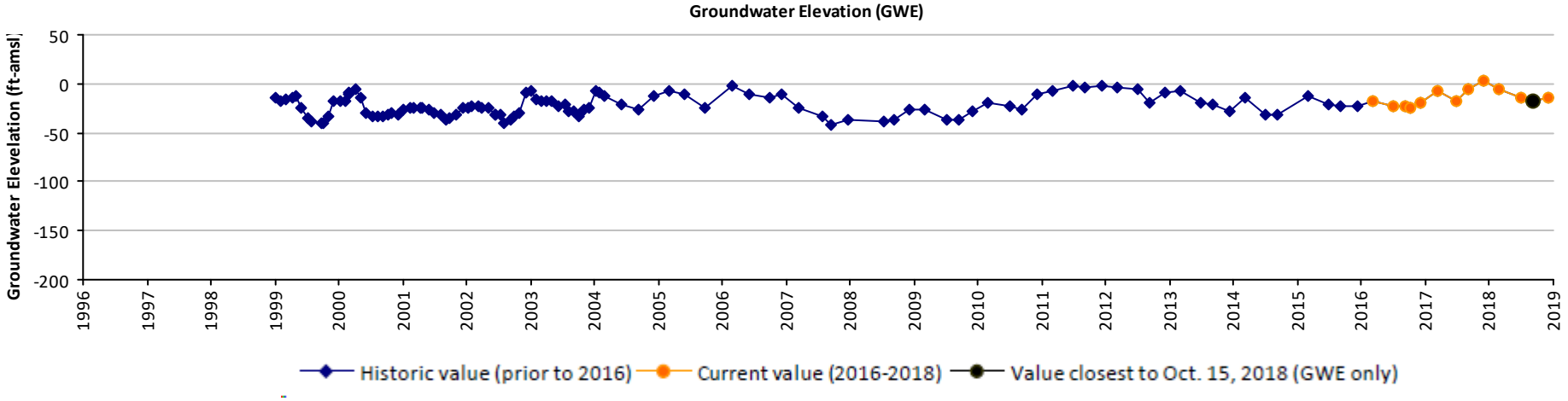
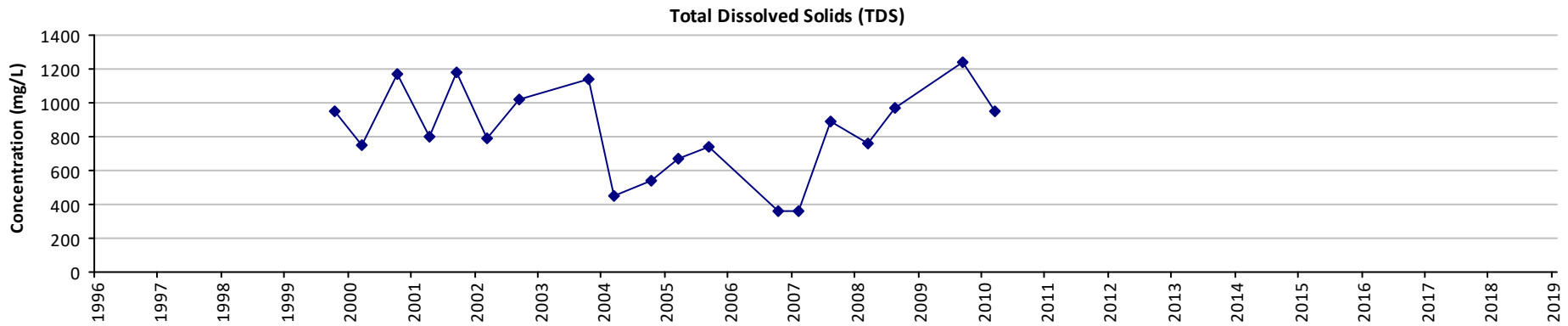
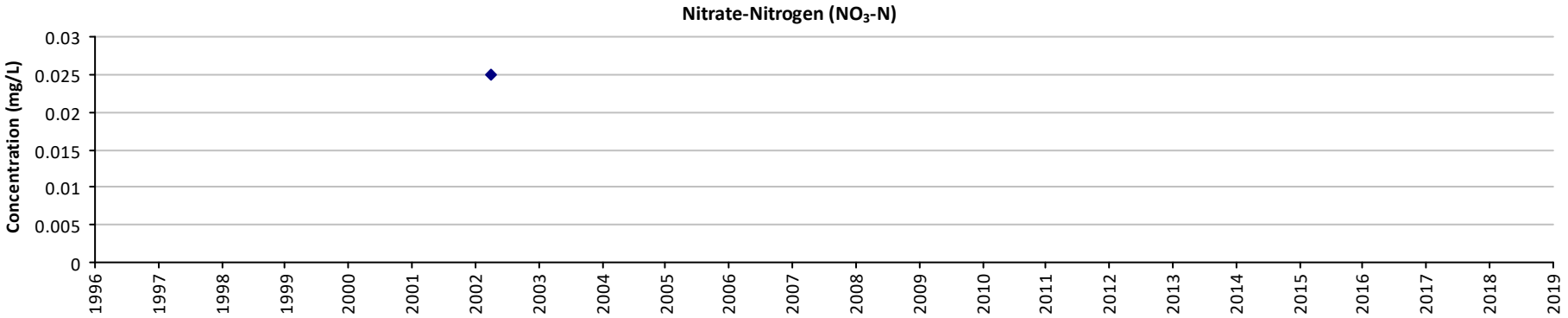
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

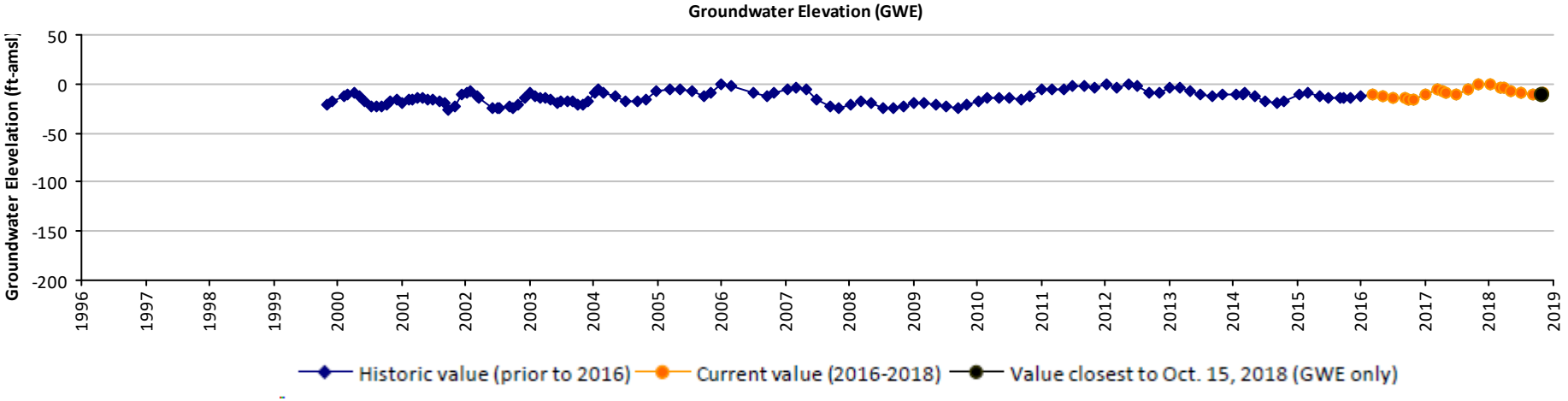

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

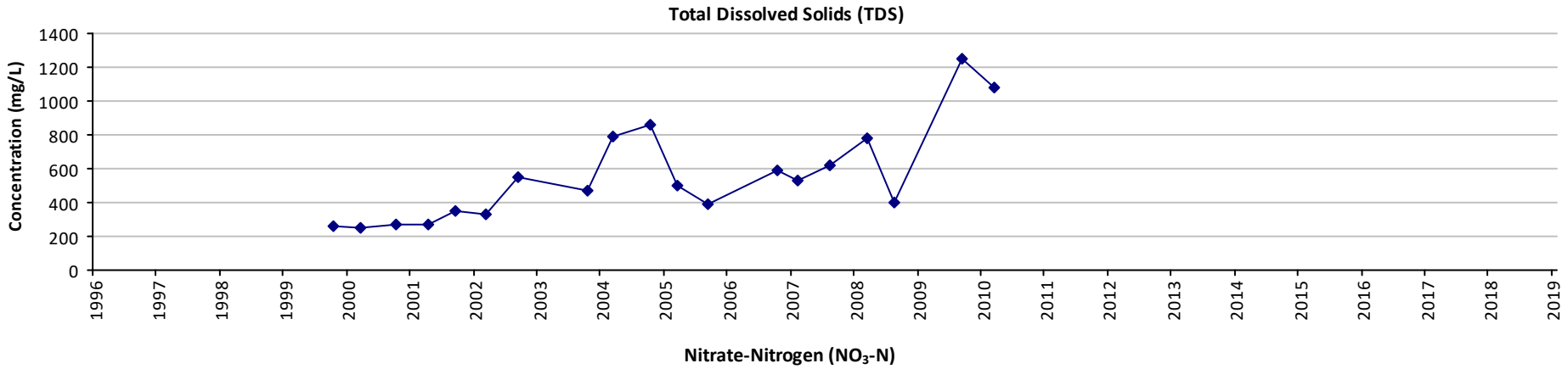

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

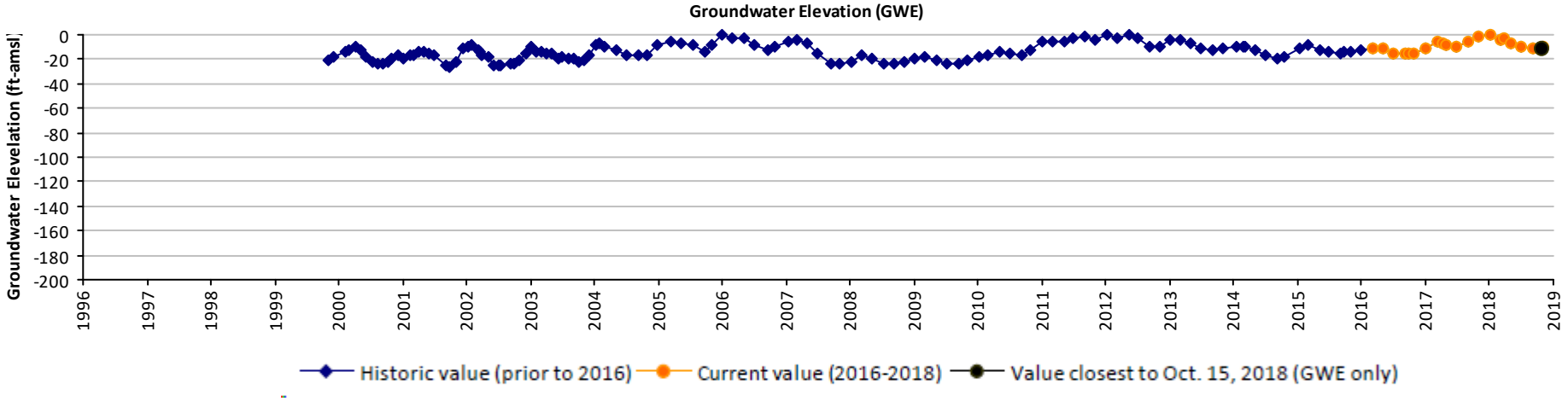

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

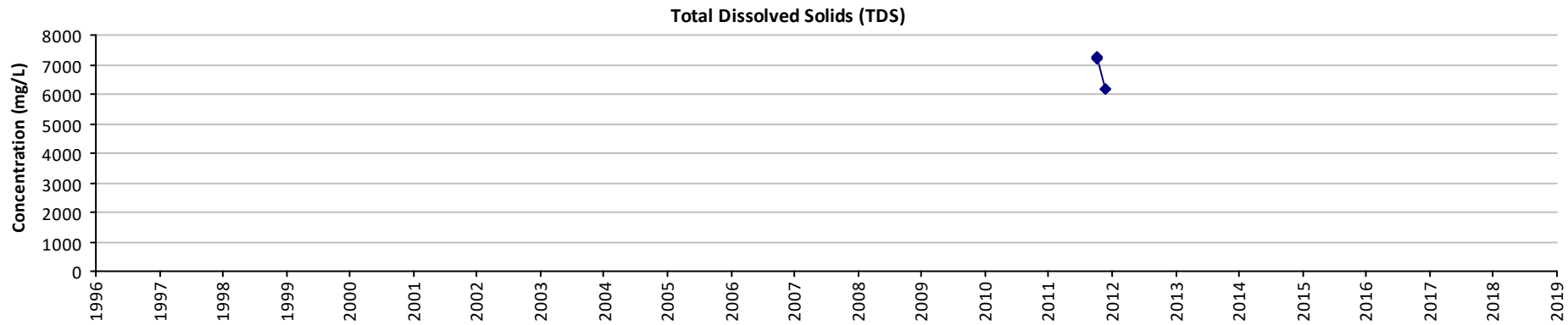

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

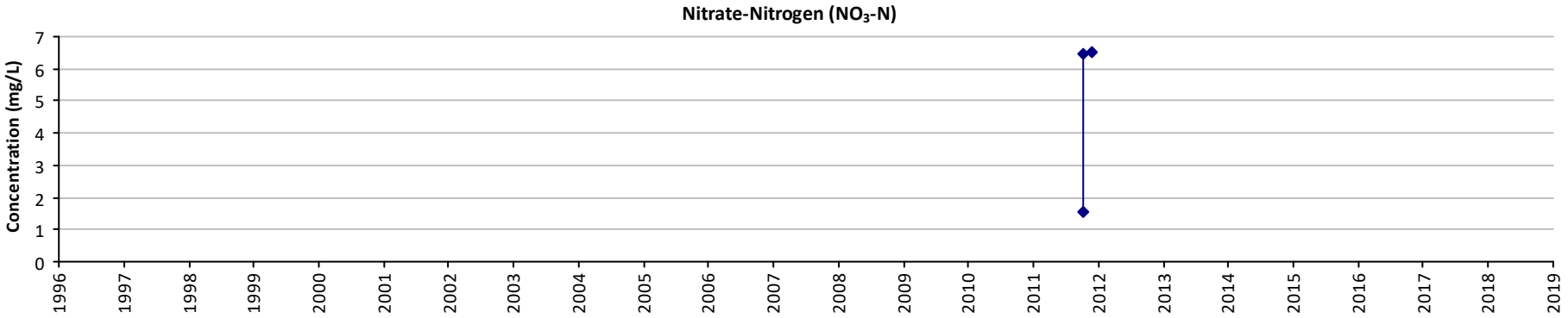

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

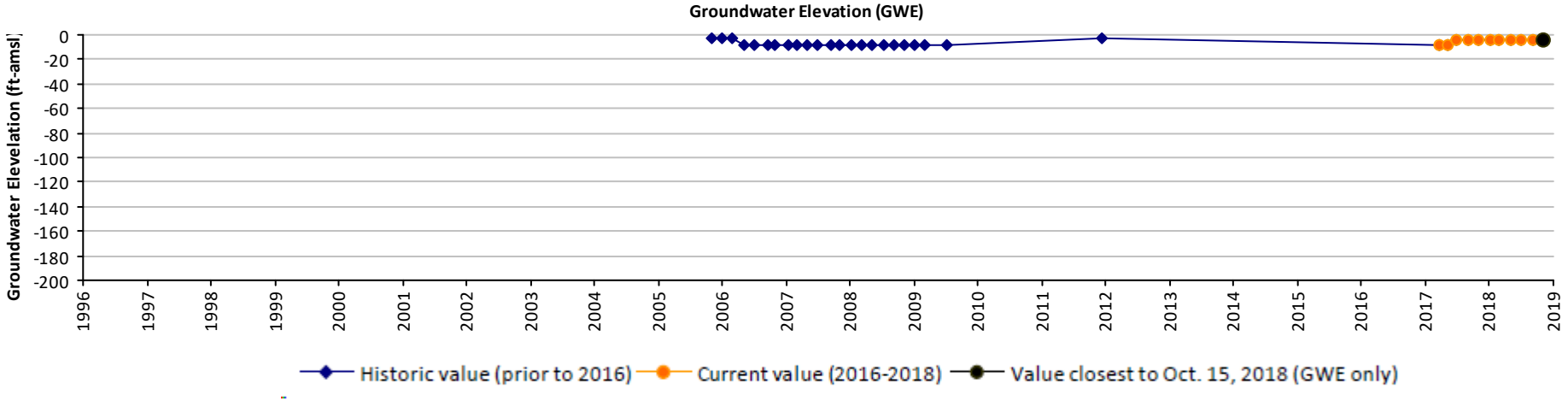

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

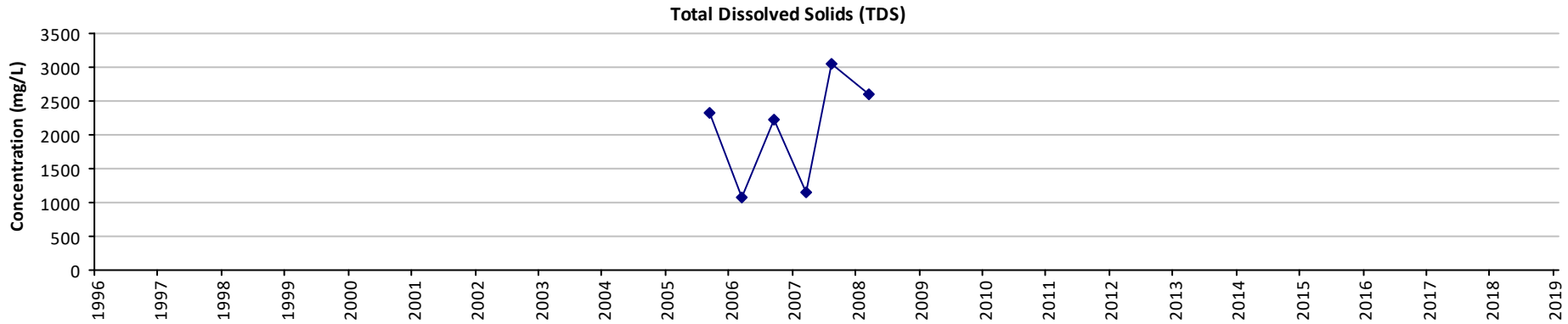

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

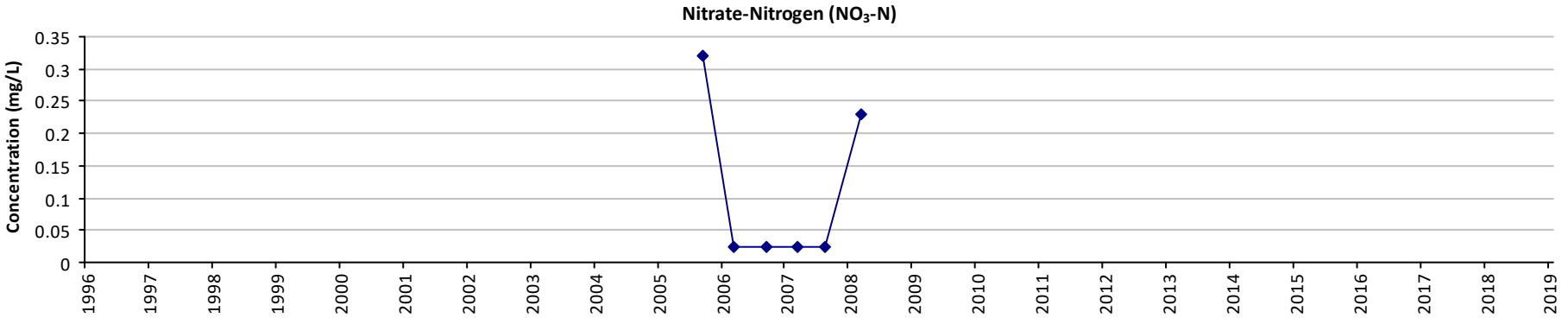

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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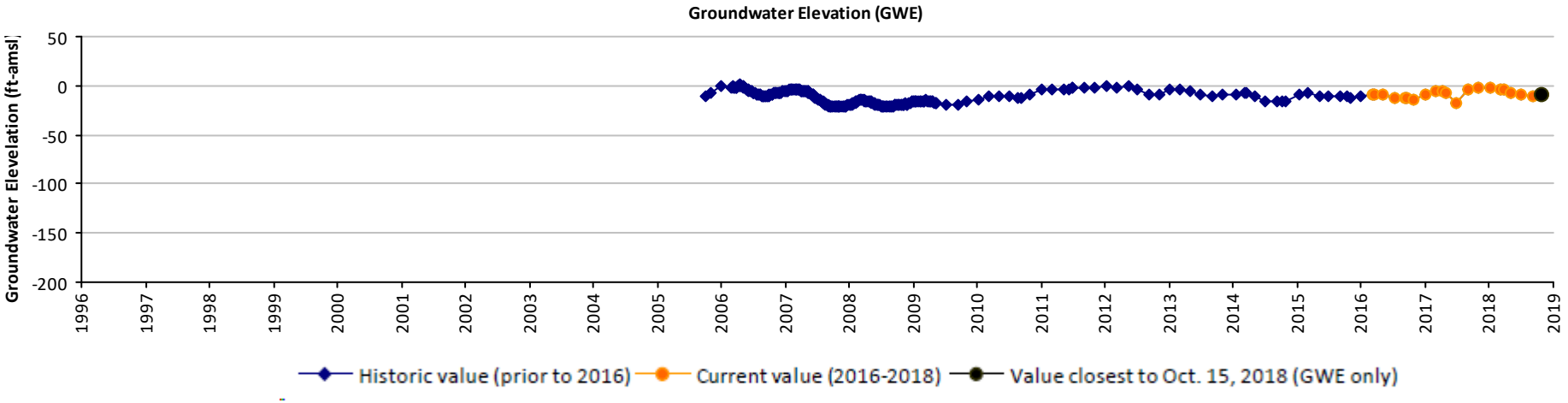
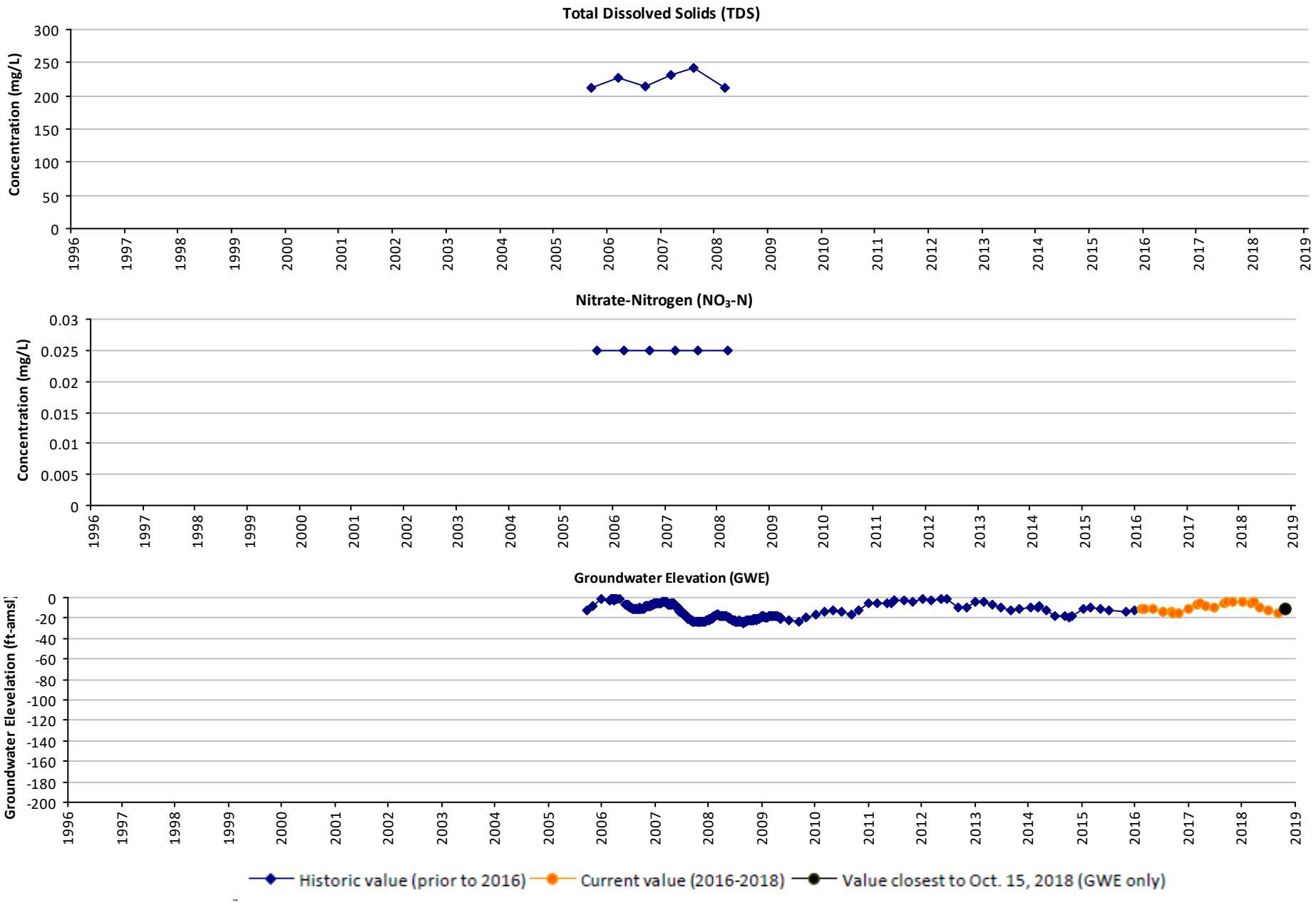
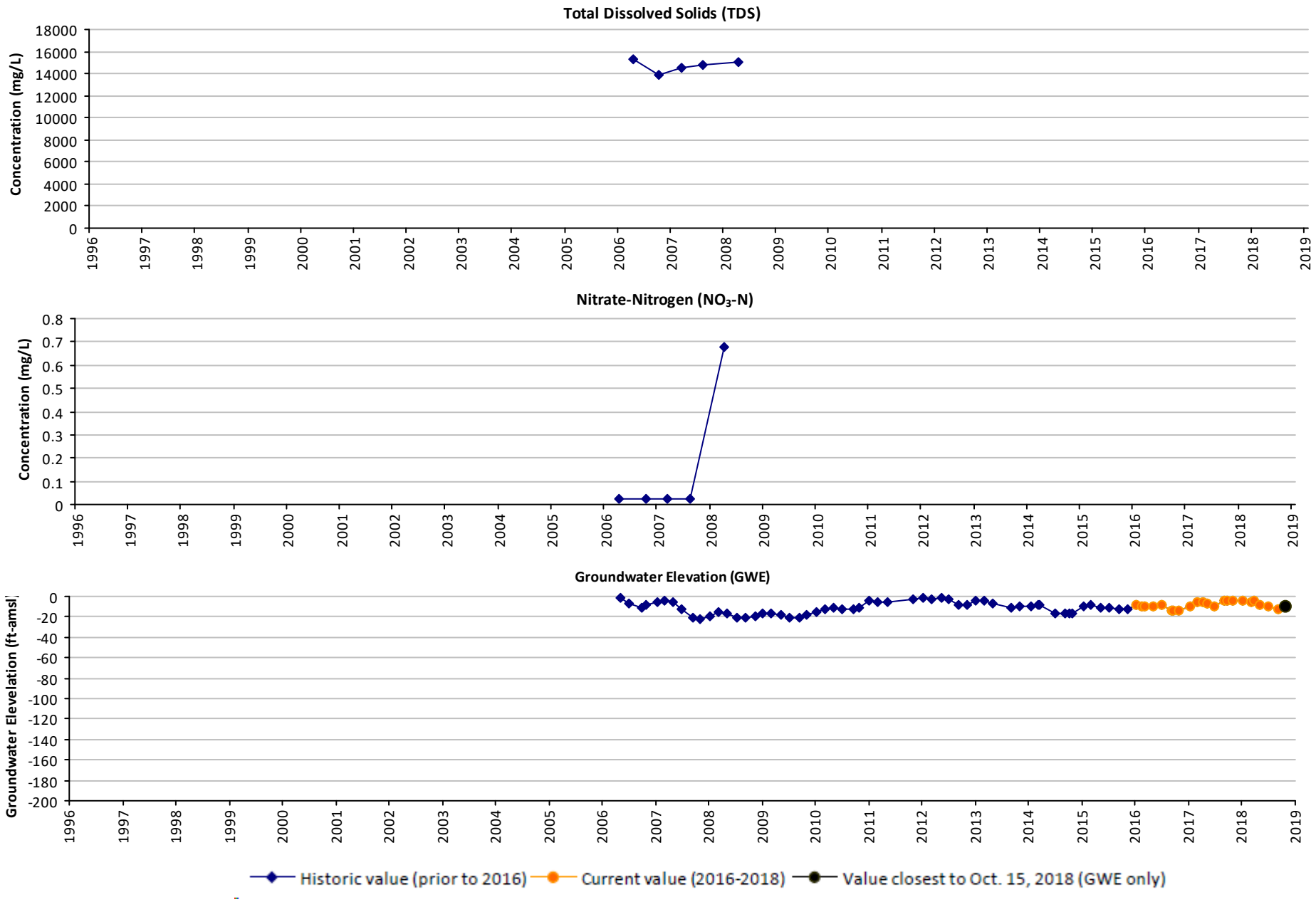
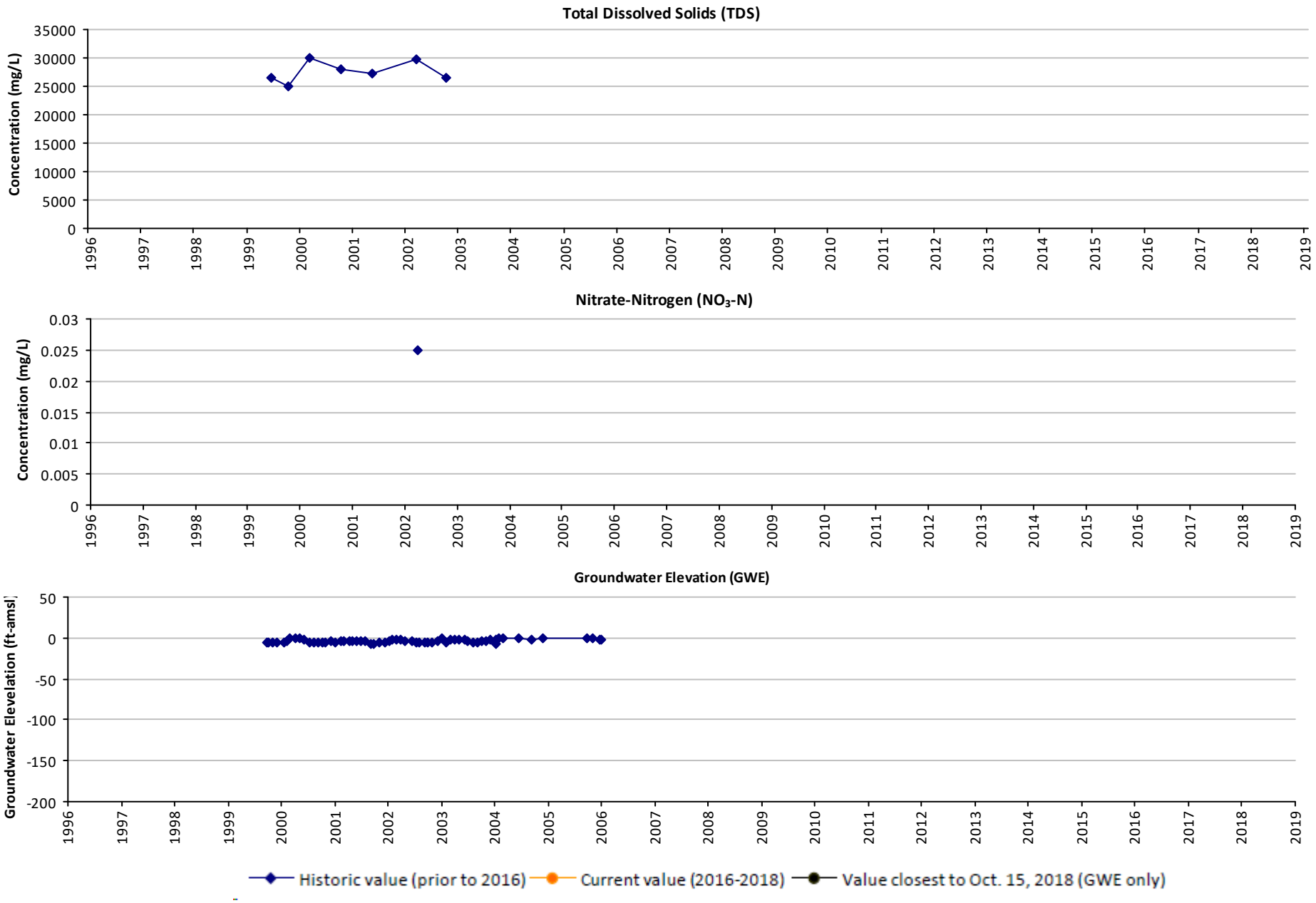
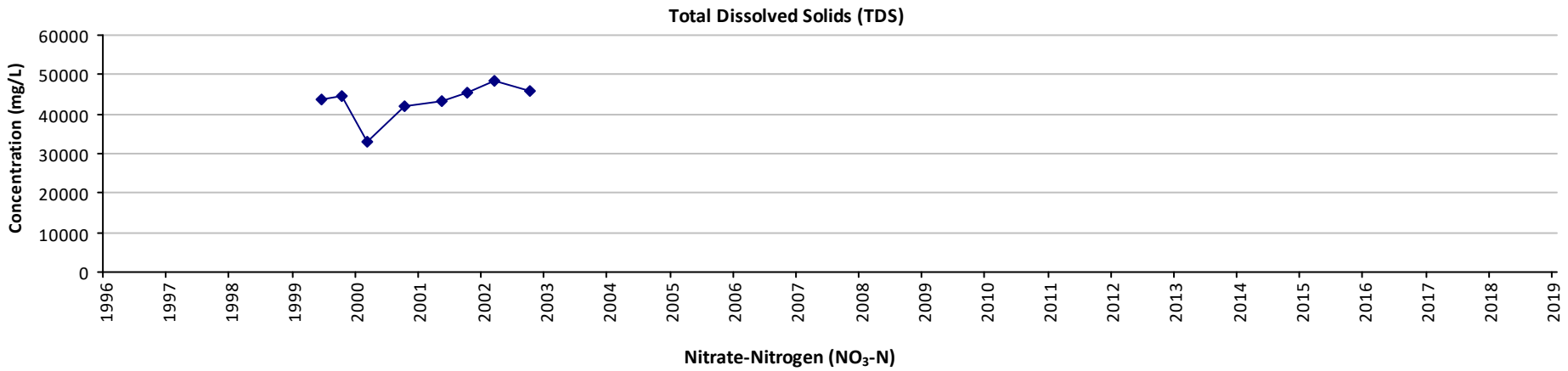
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
60000
50000
40000
30000
20000
10000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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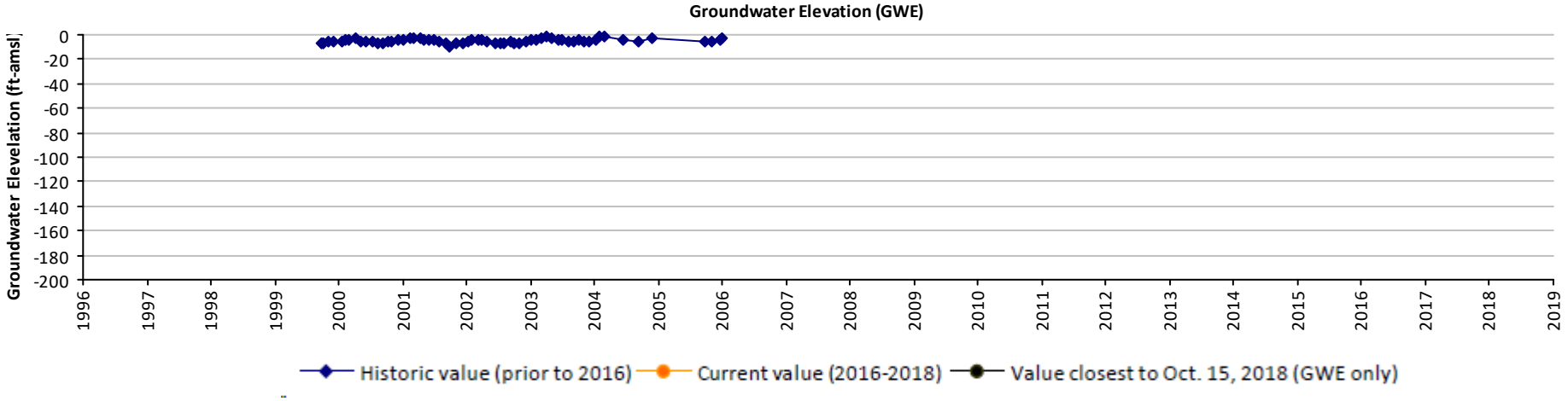
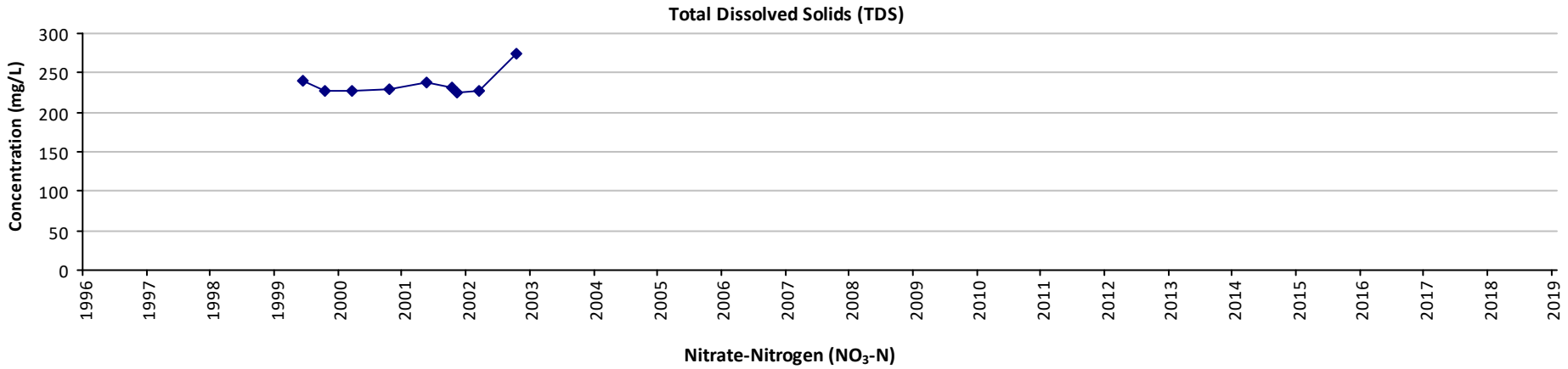
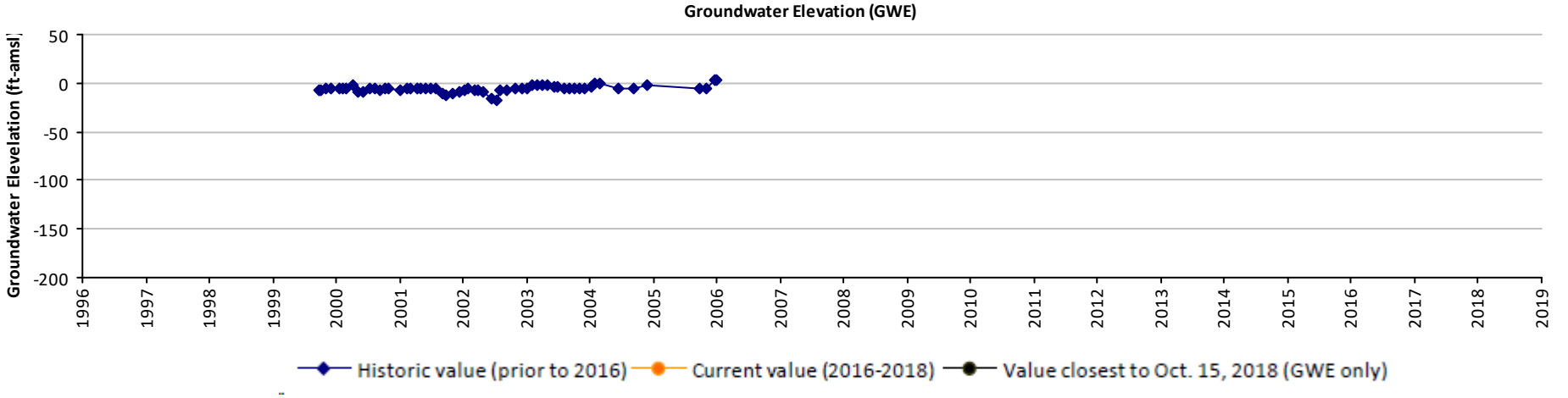
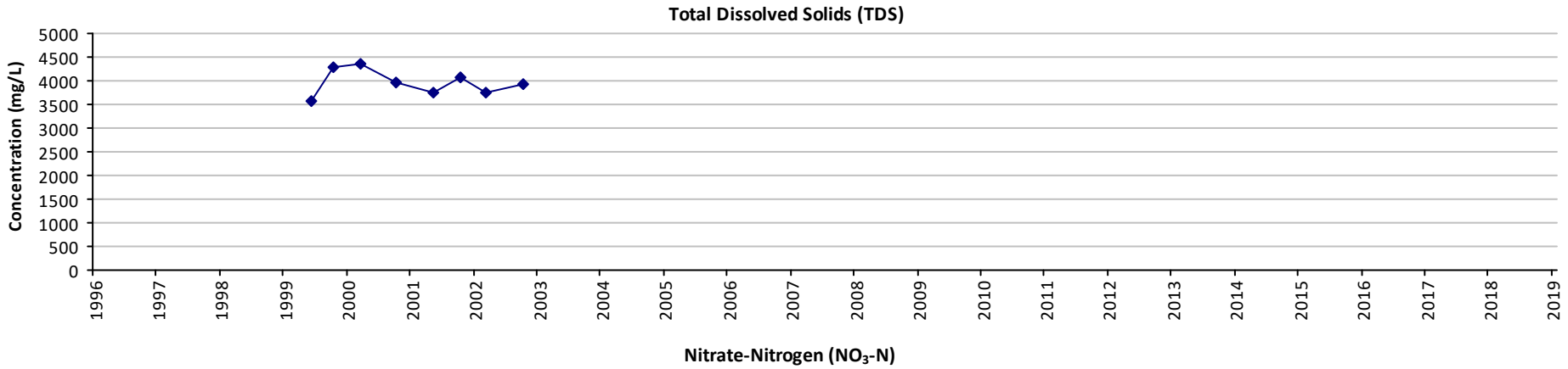
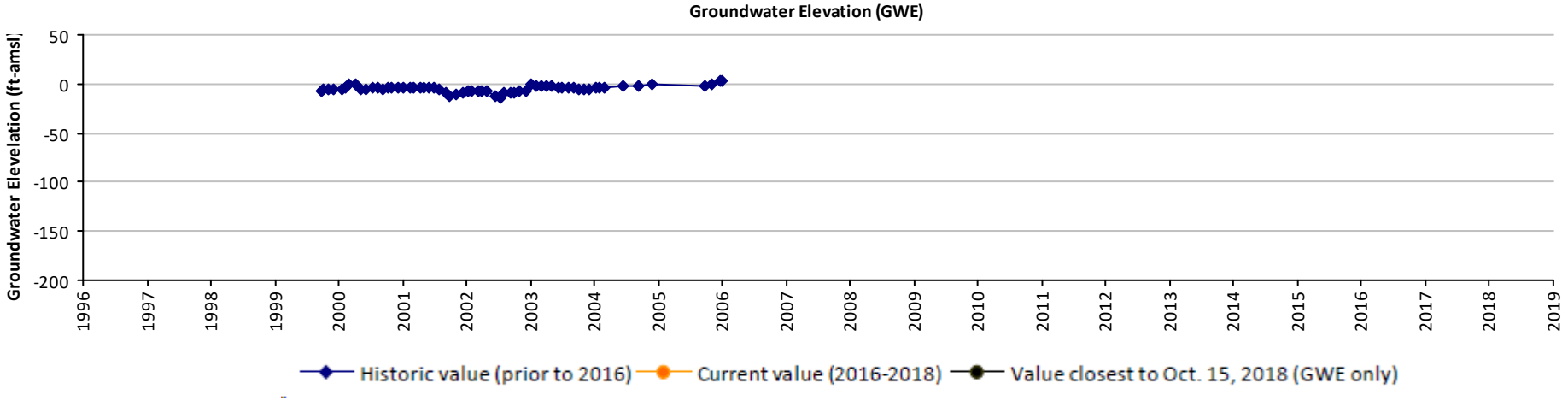
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

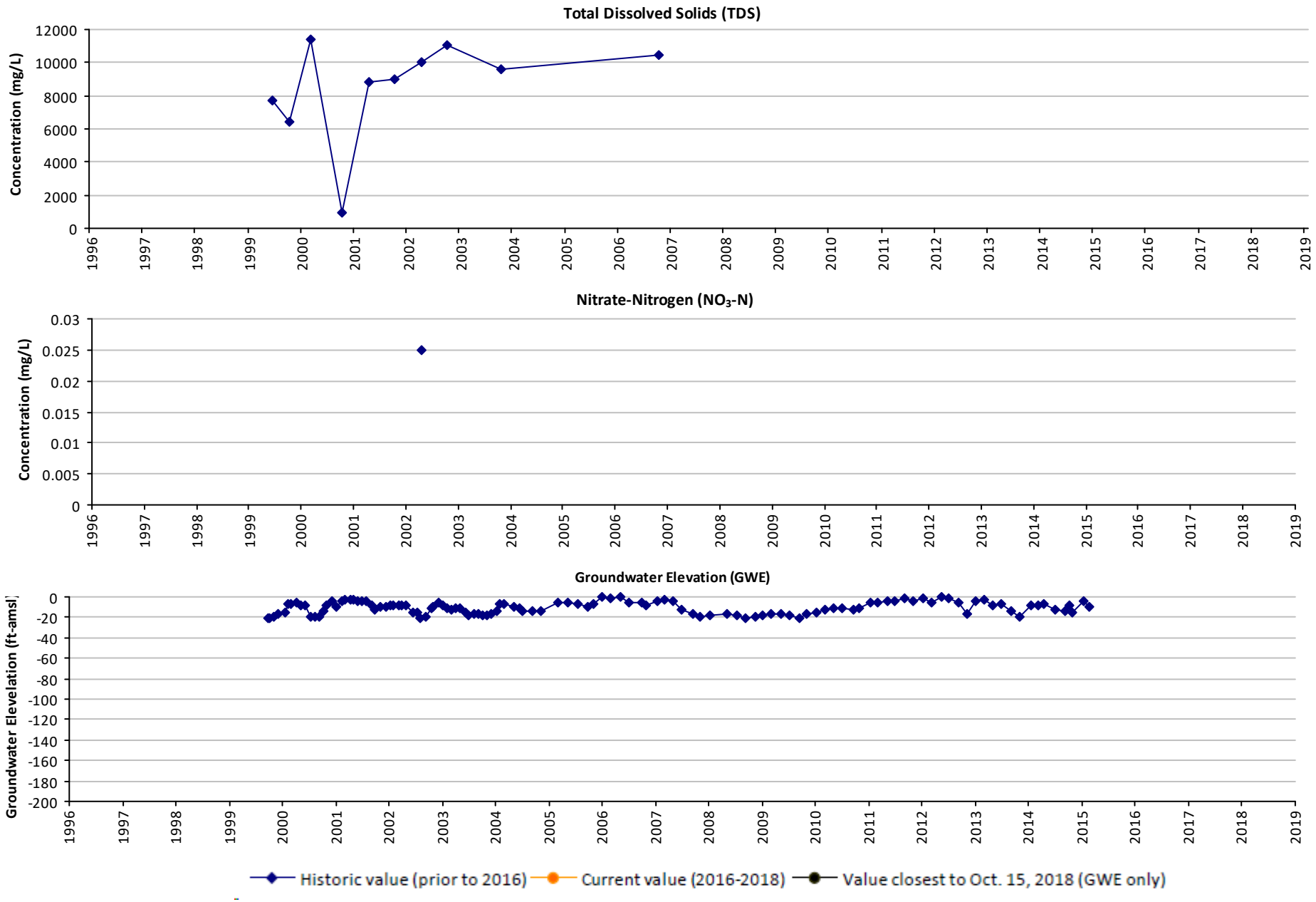

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

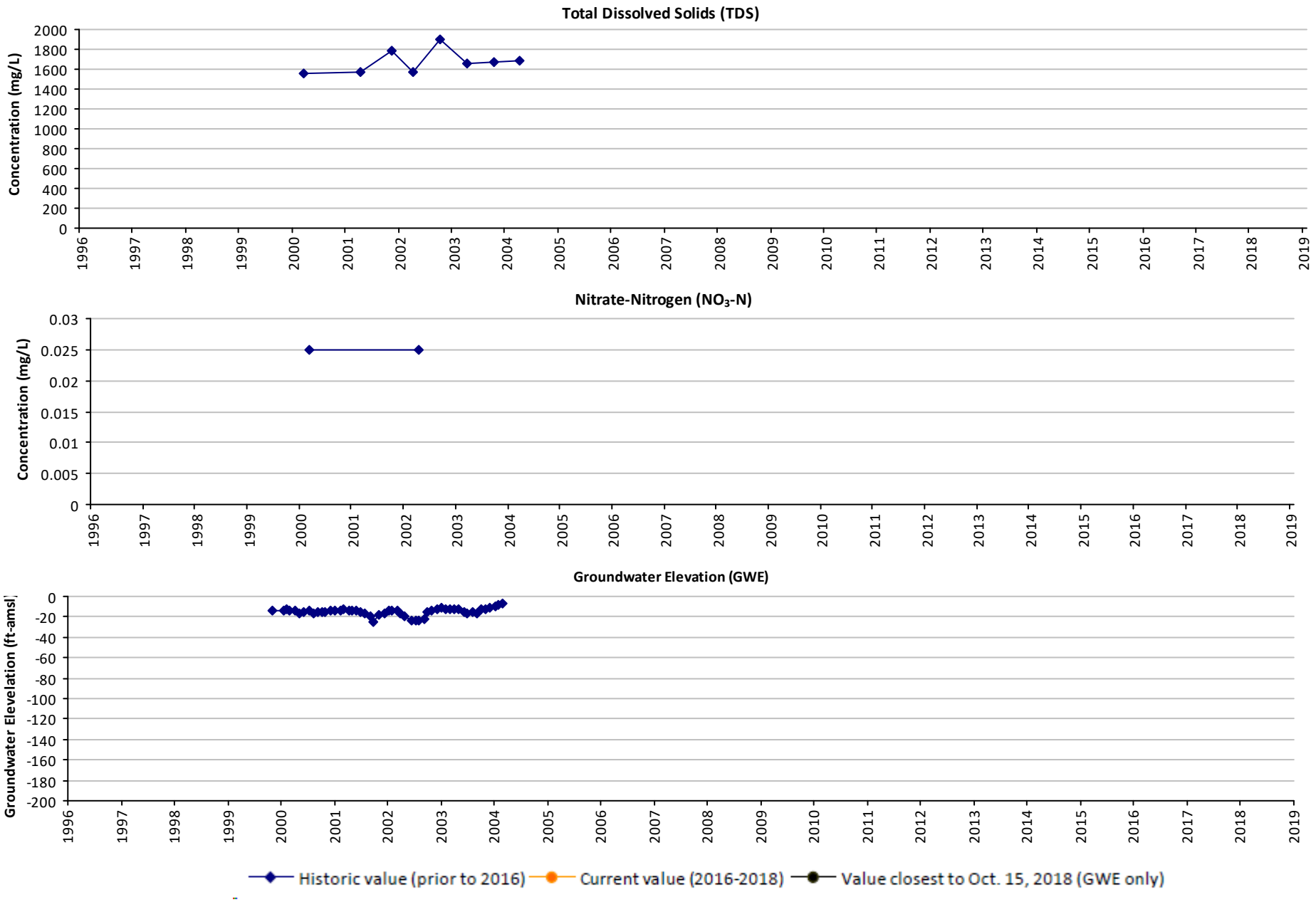

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

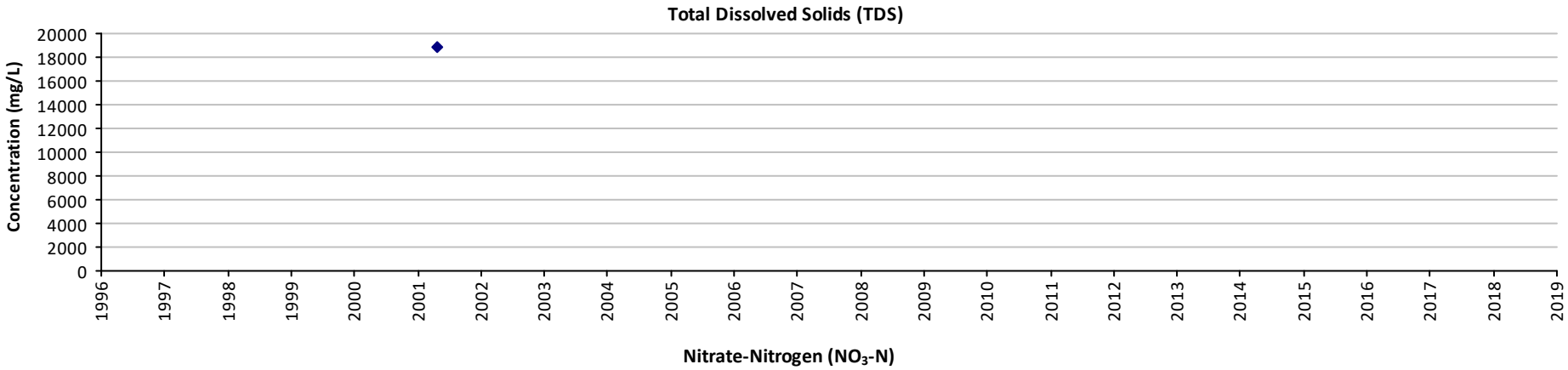

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

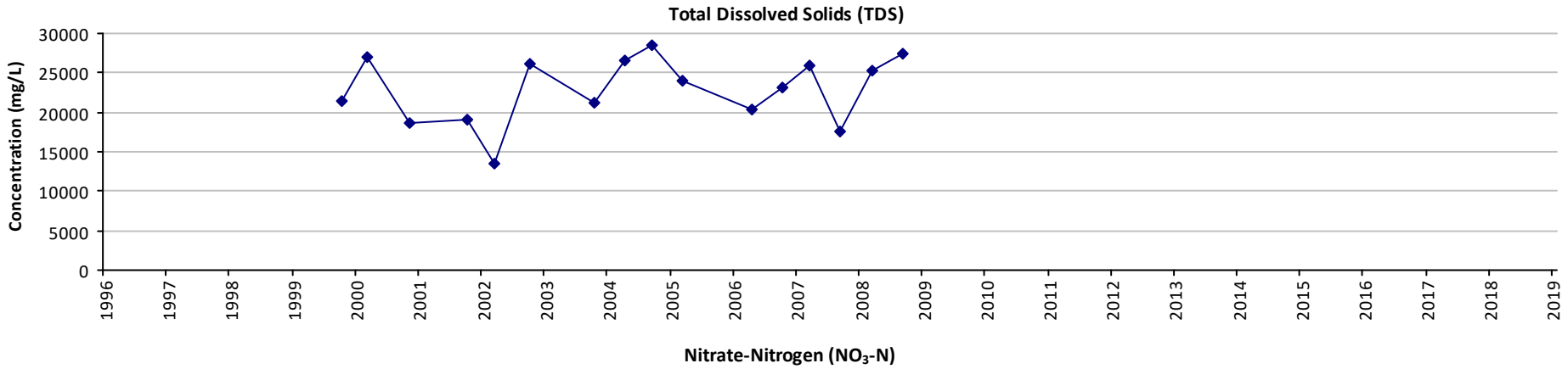
Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2008
2009
2010
2011
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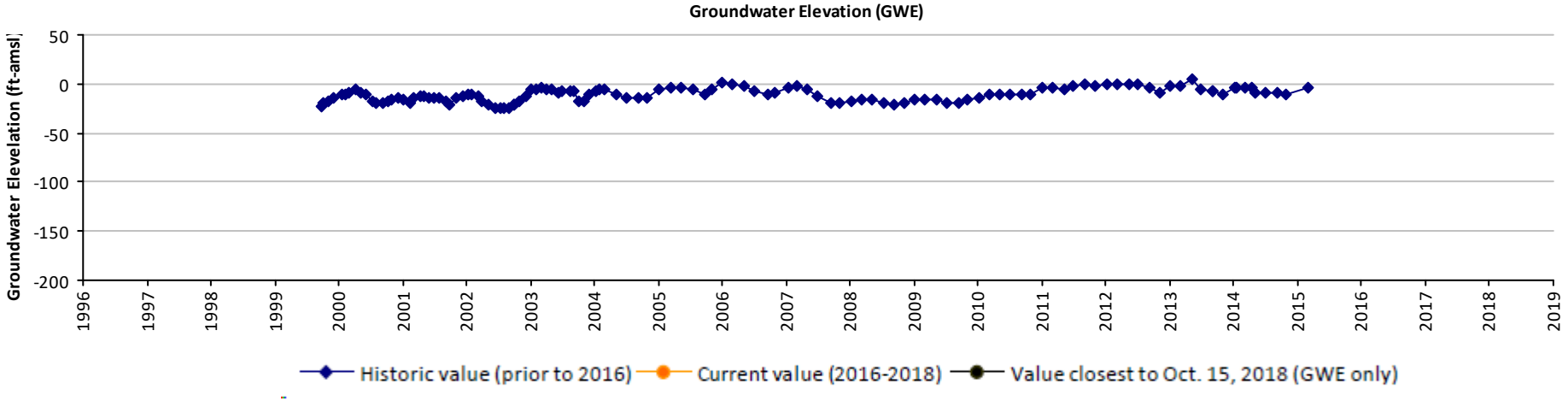
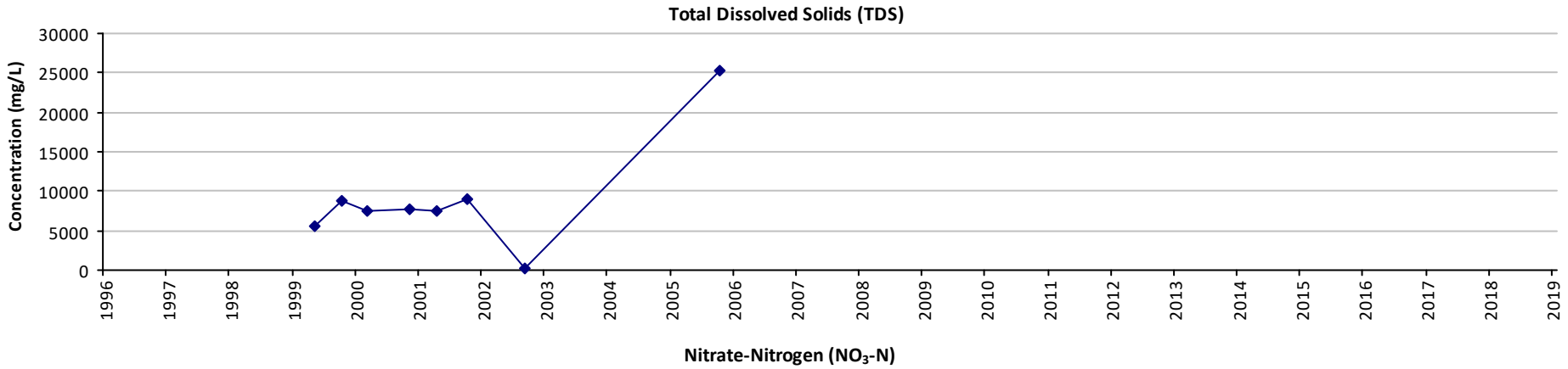
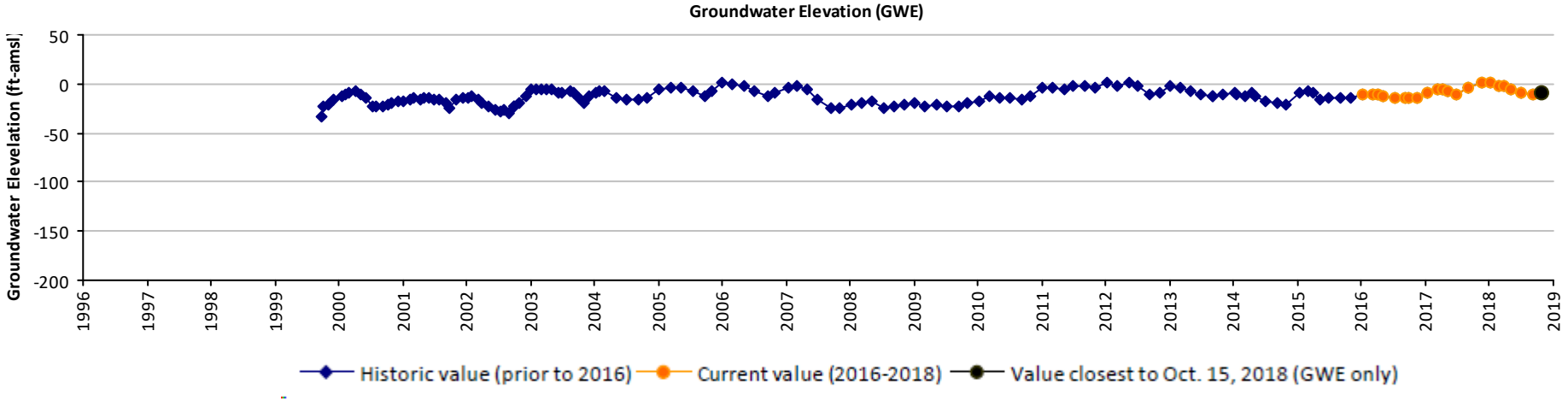
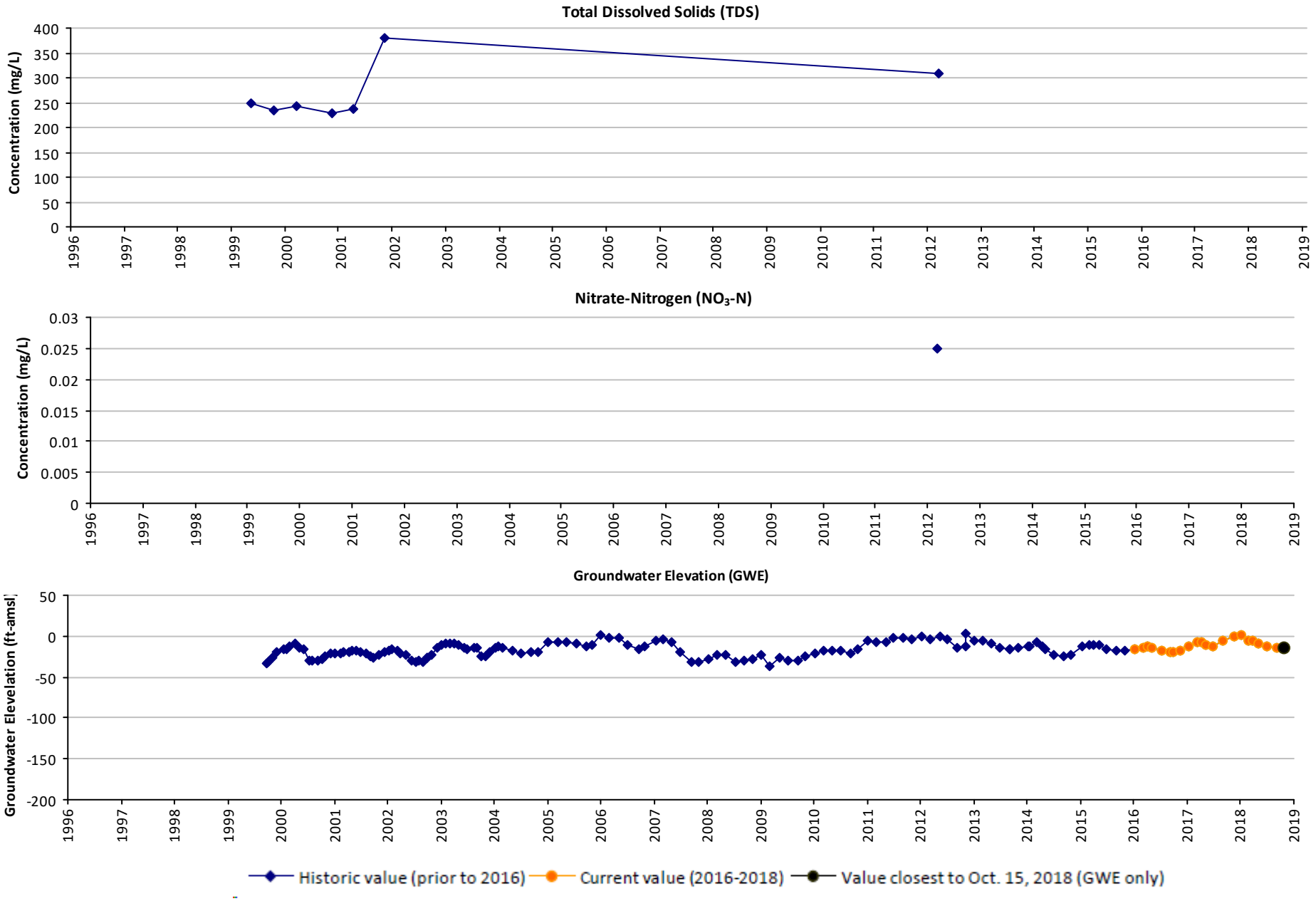
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

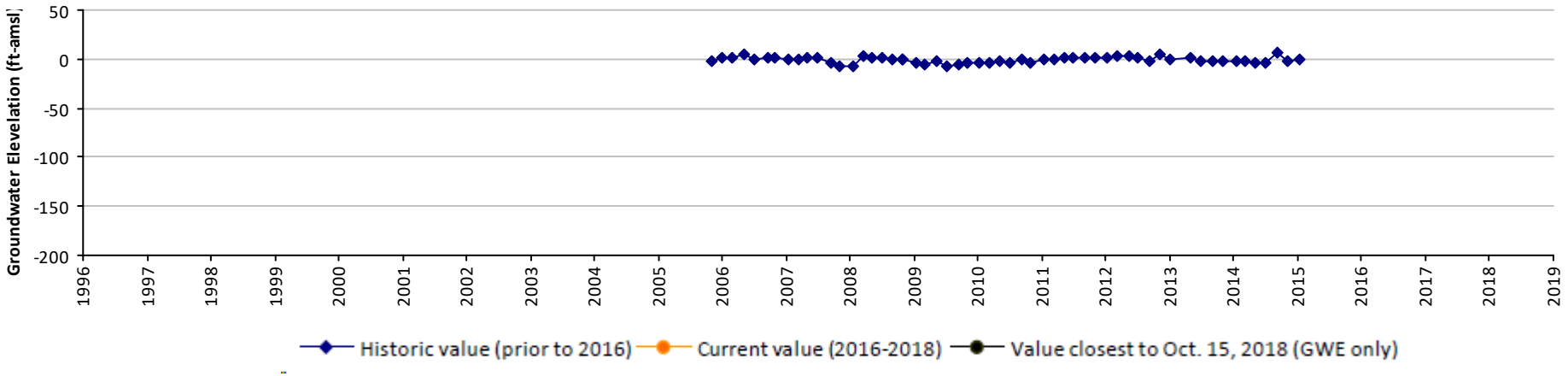

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

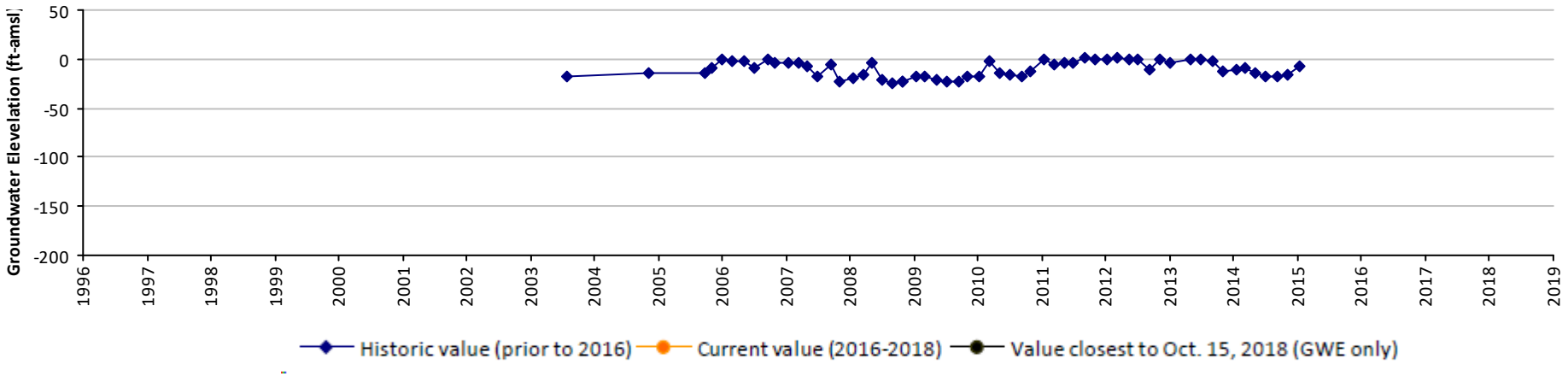
Groundwater Elevation (GWE)

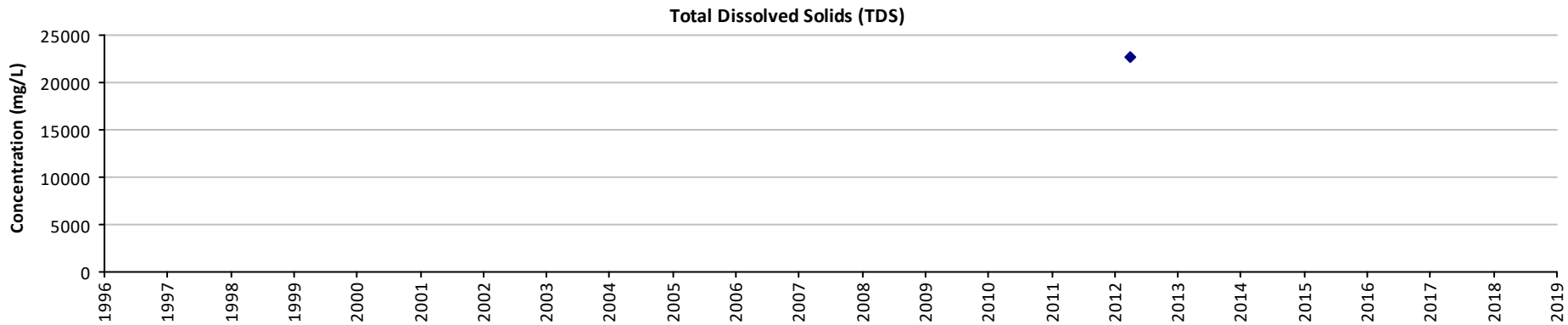


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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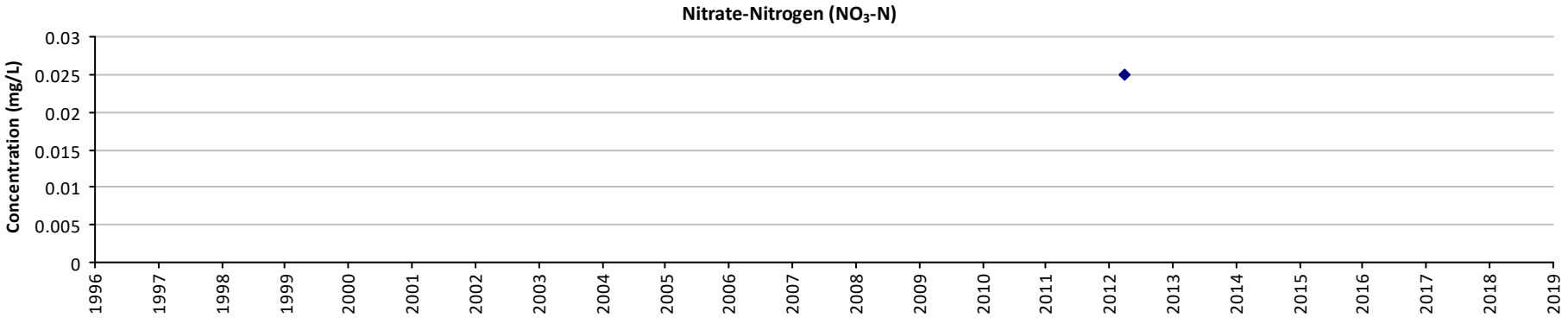
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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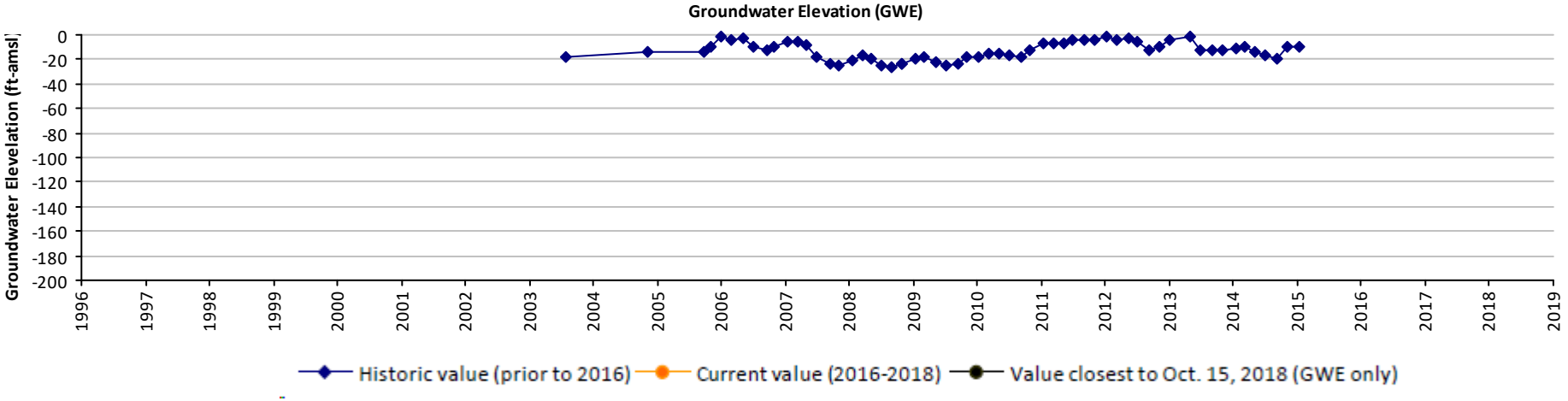
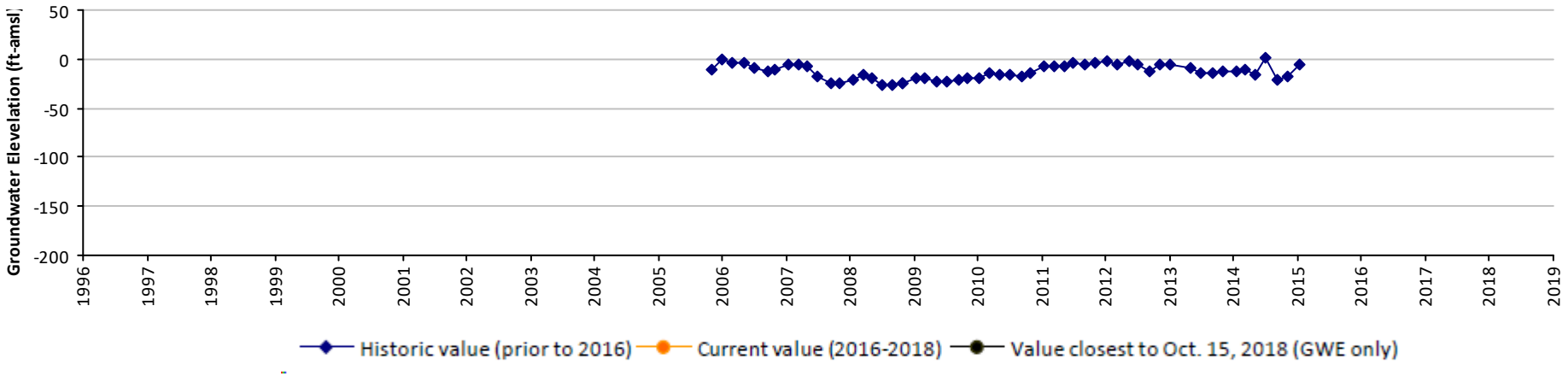
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

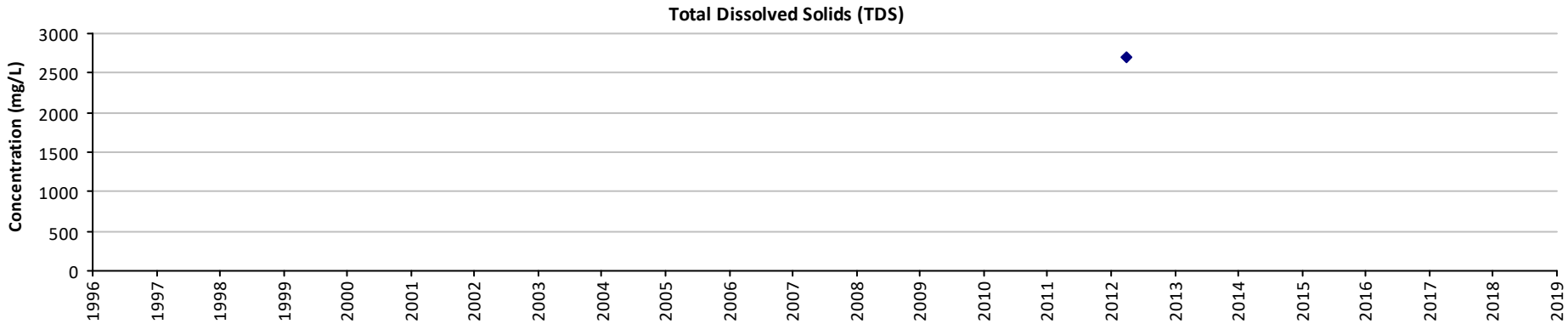

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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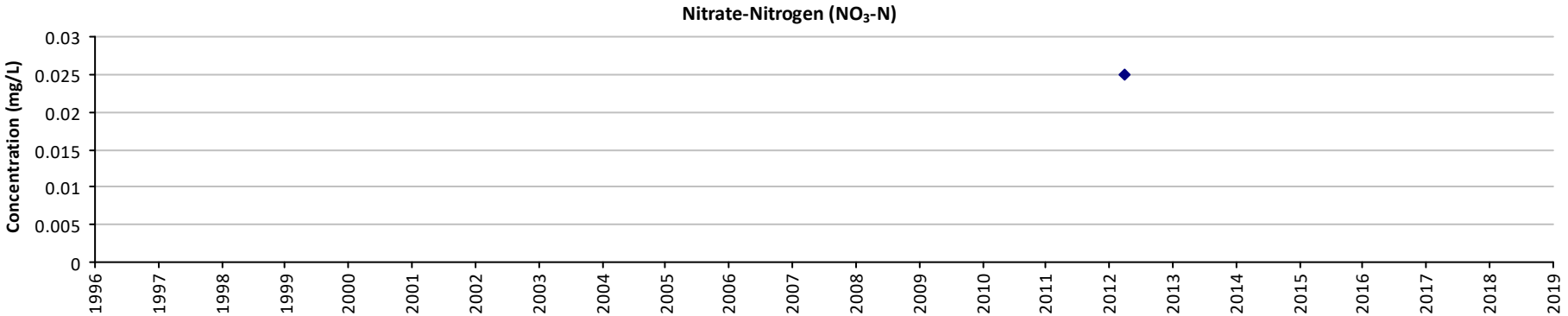
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
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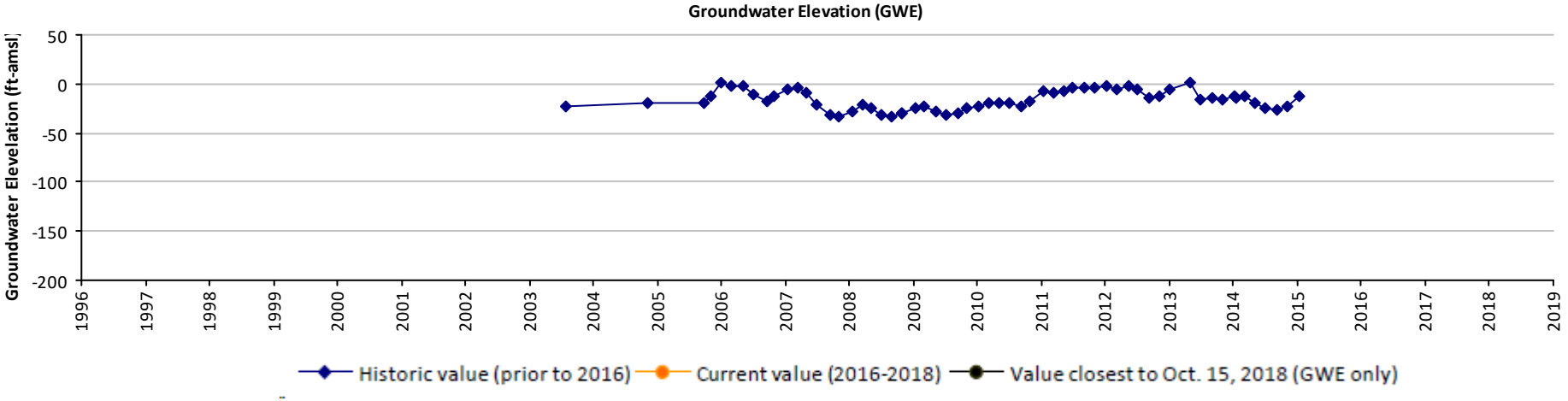
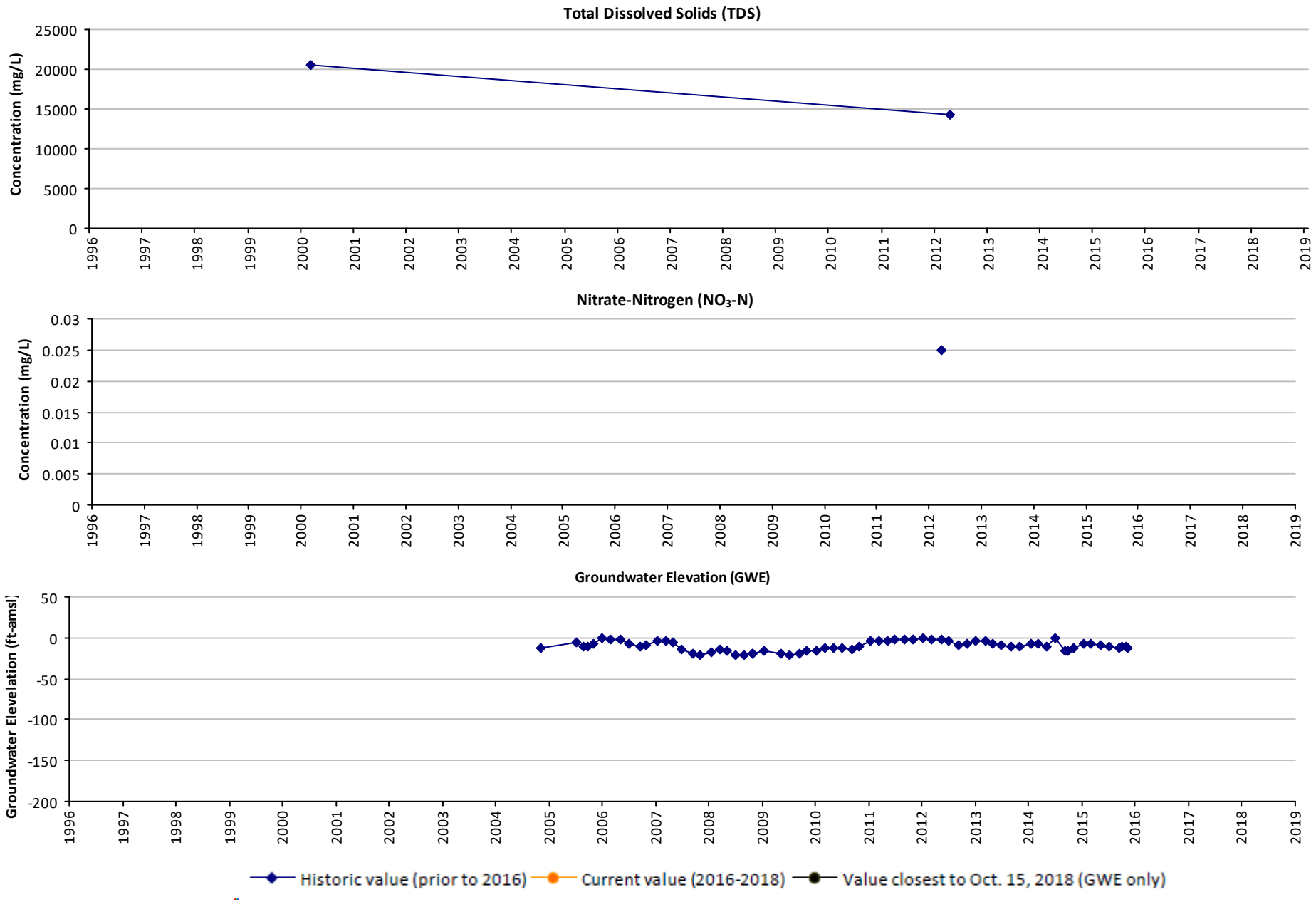
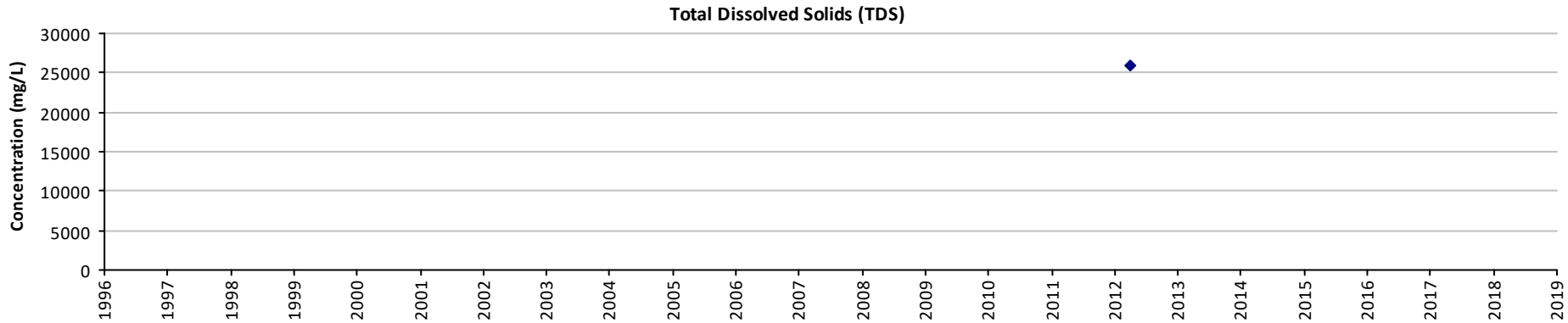
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
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2004
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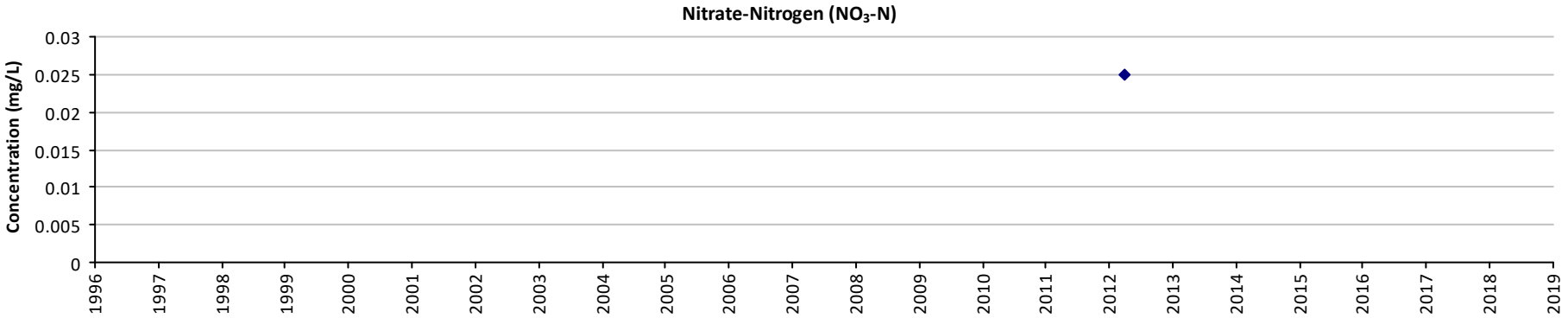
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
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2016
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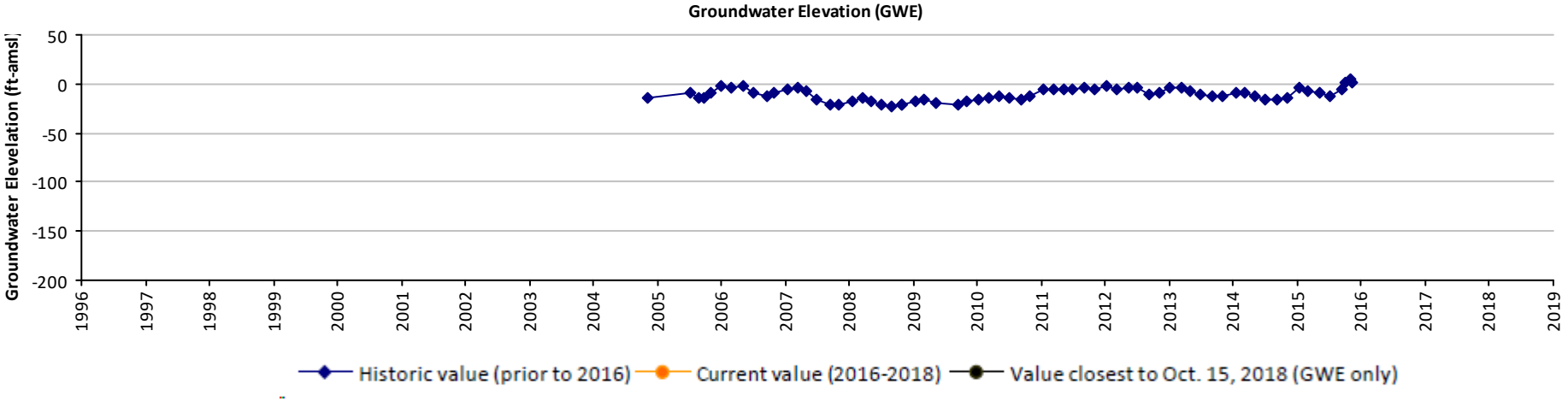
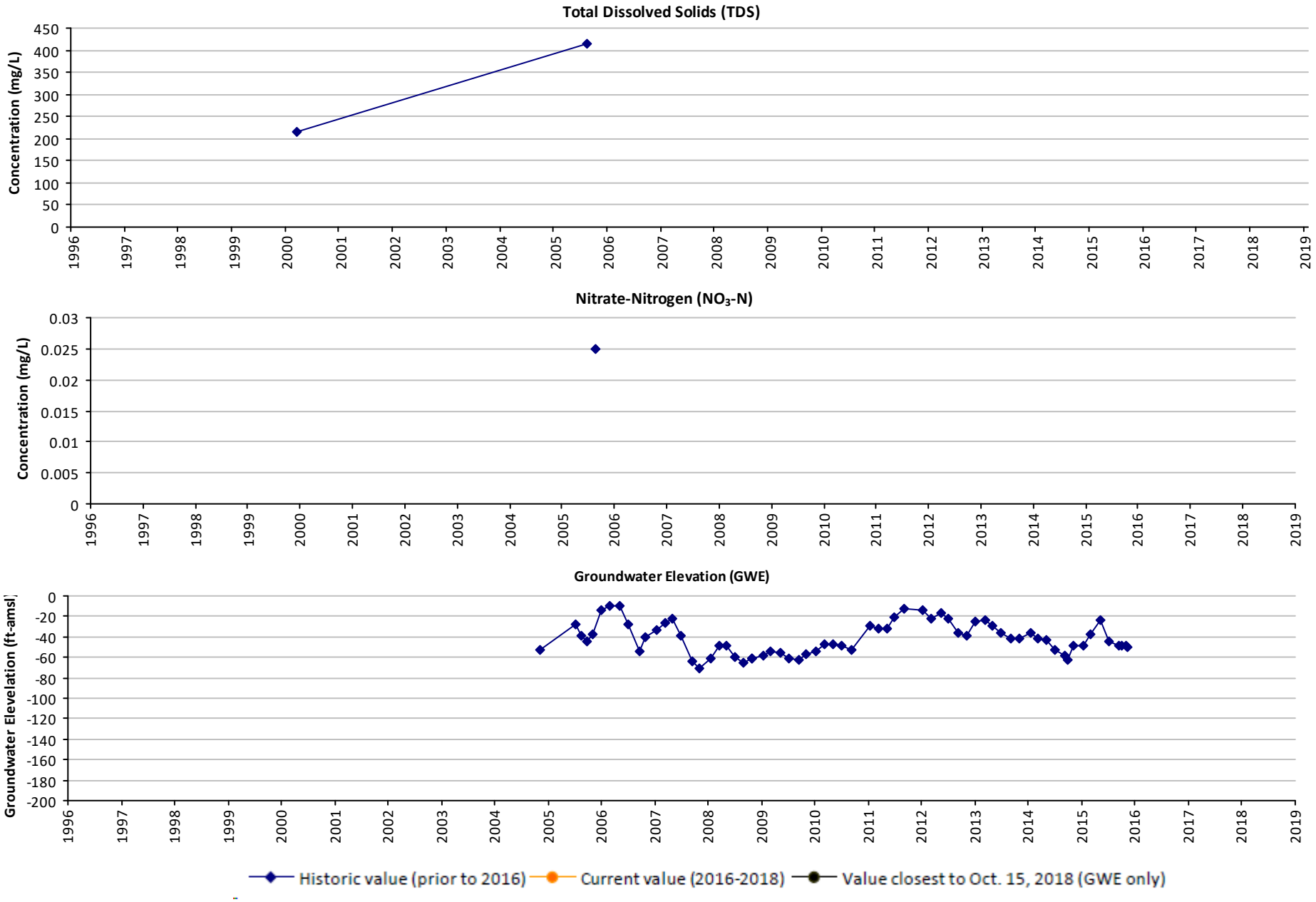
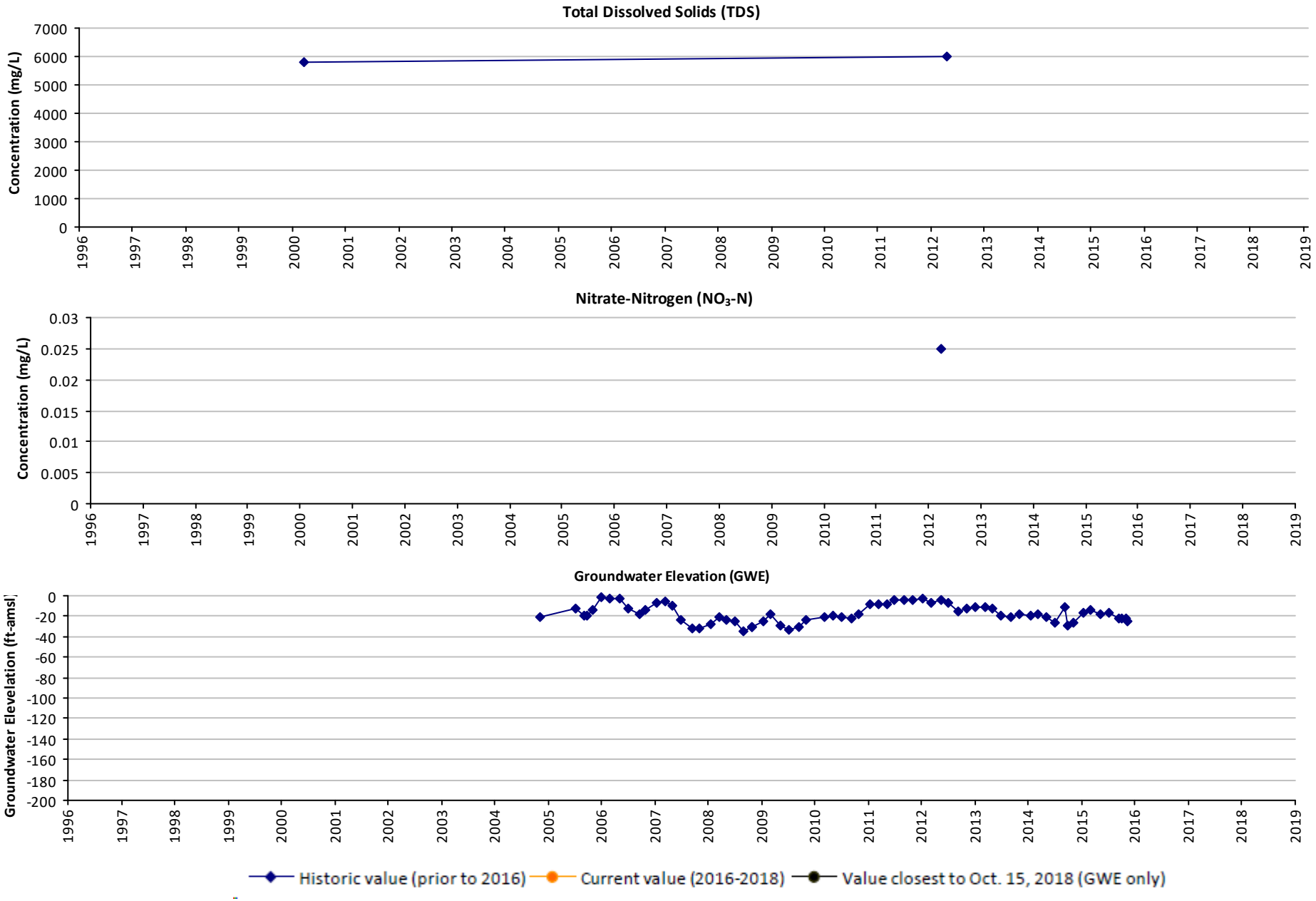
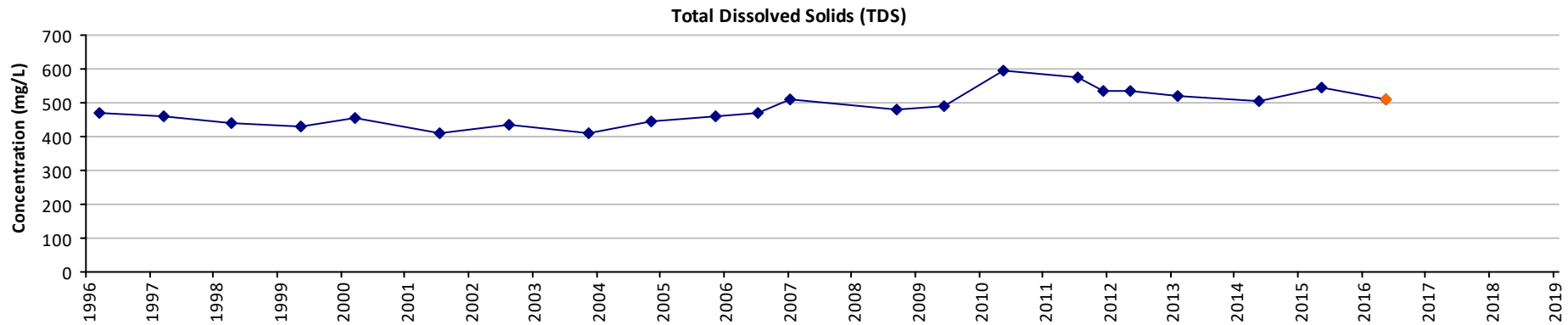
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2012
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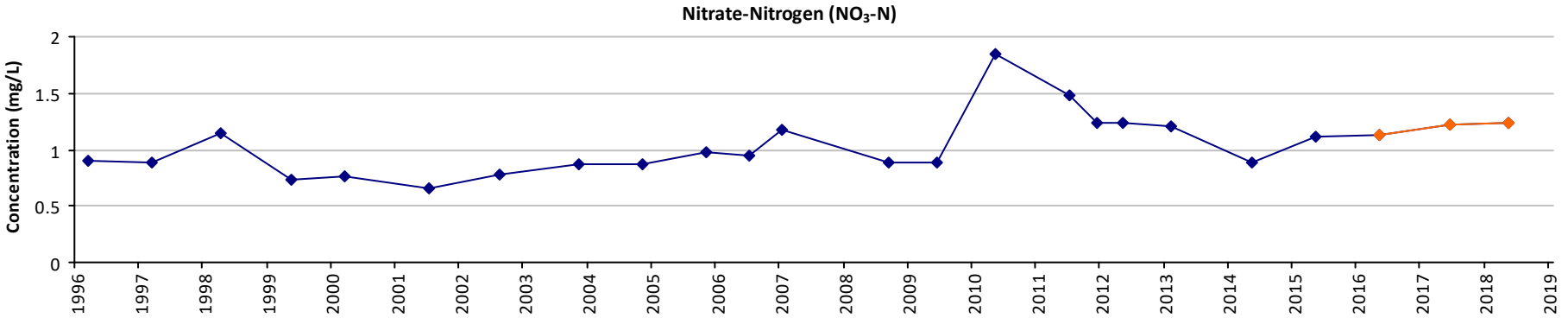
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
2008
2009
2010
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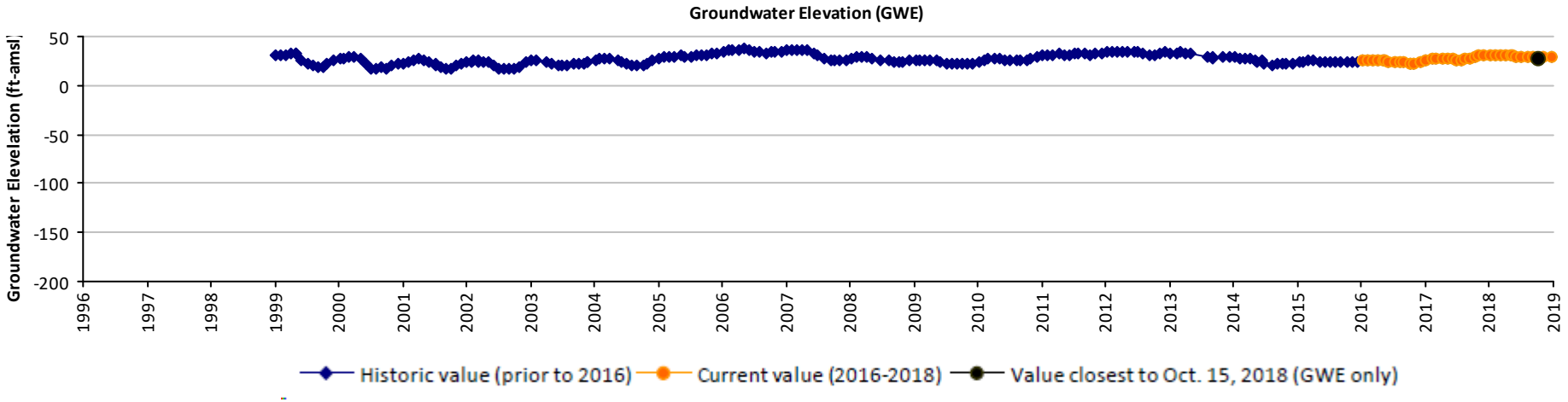
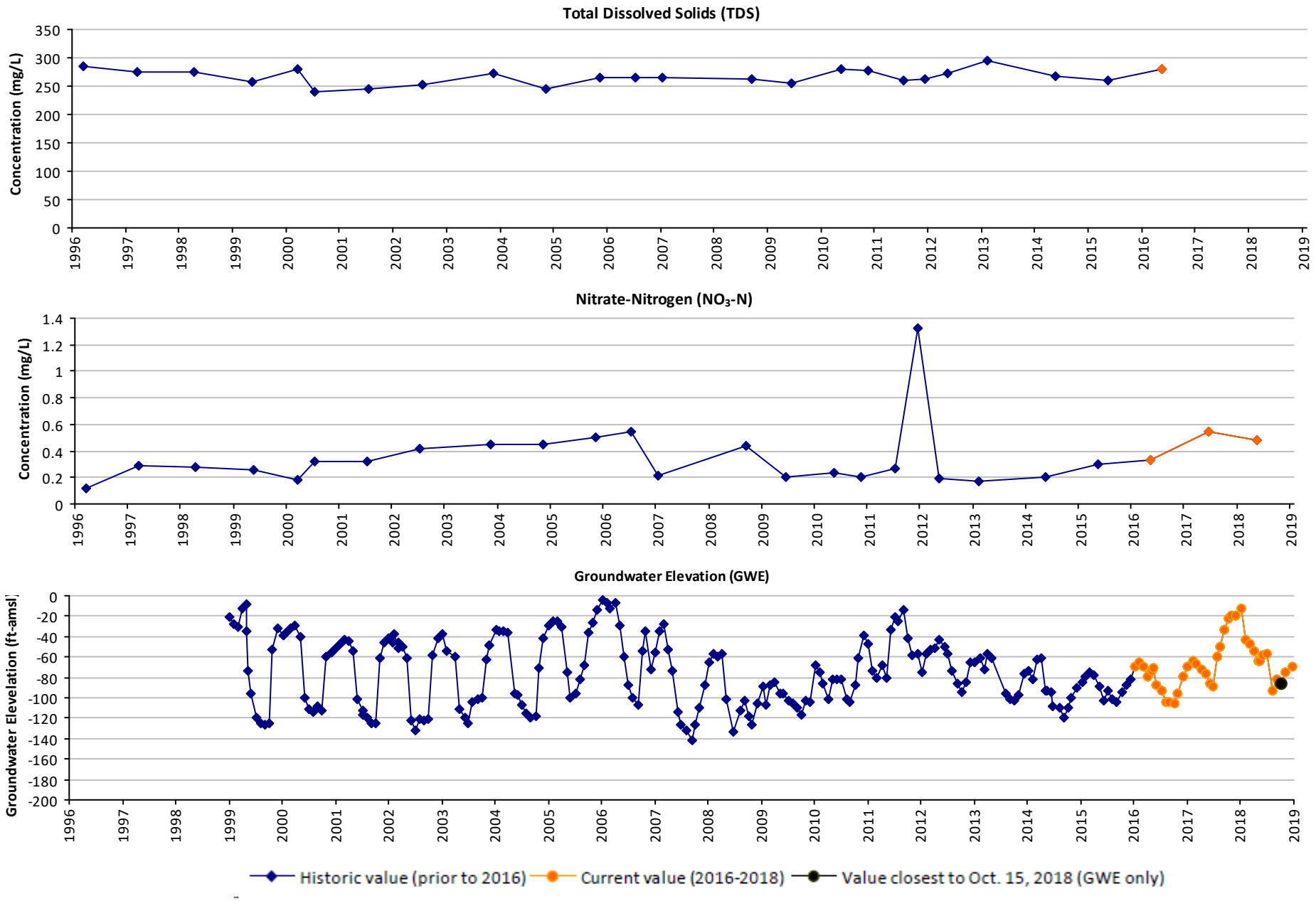
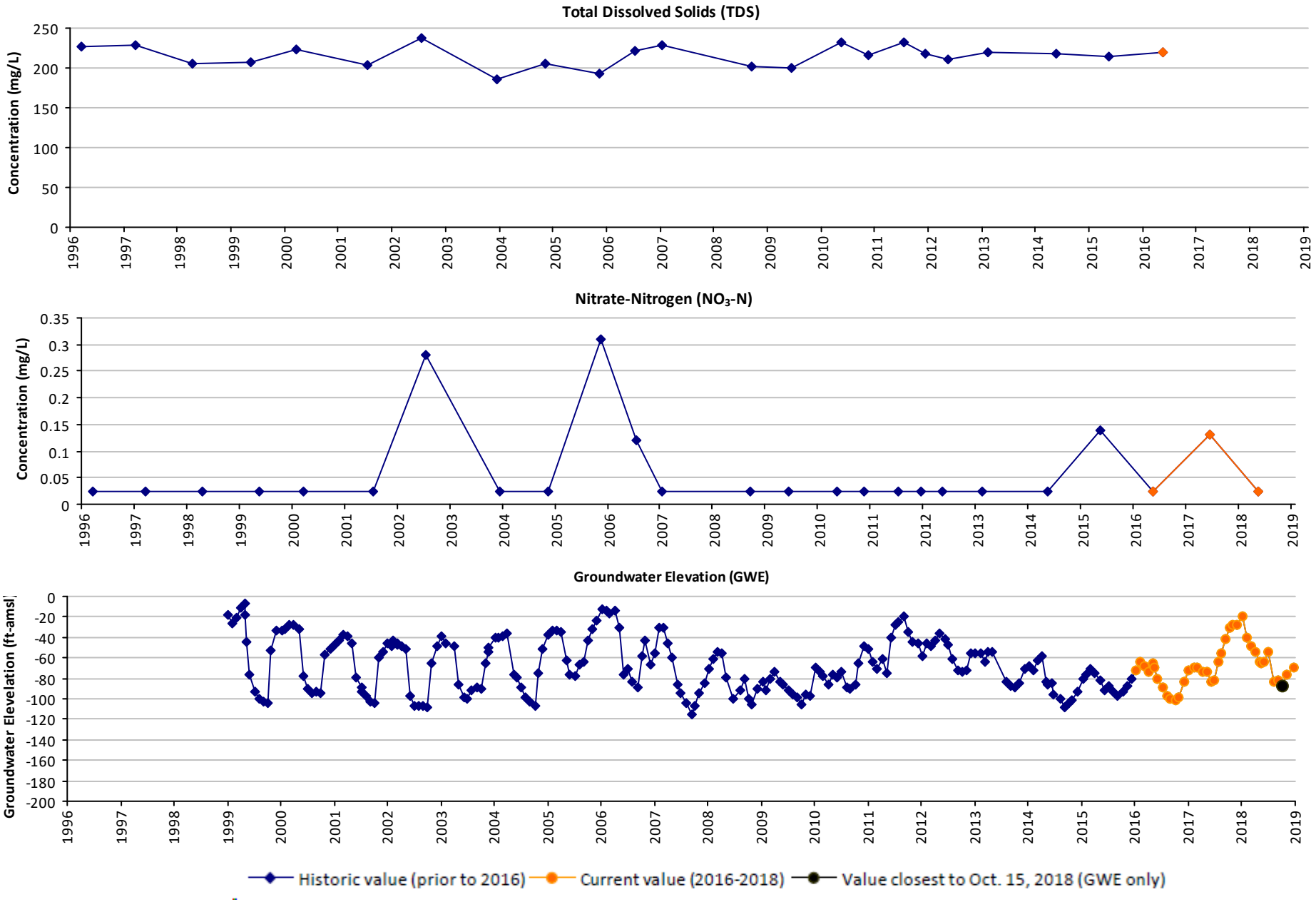
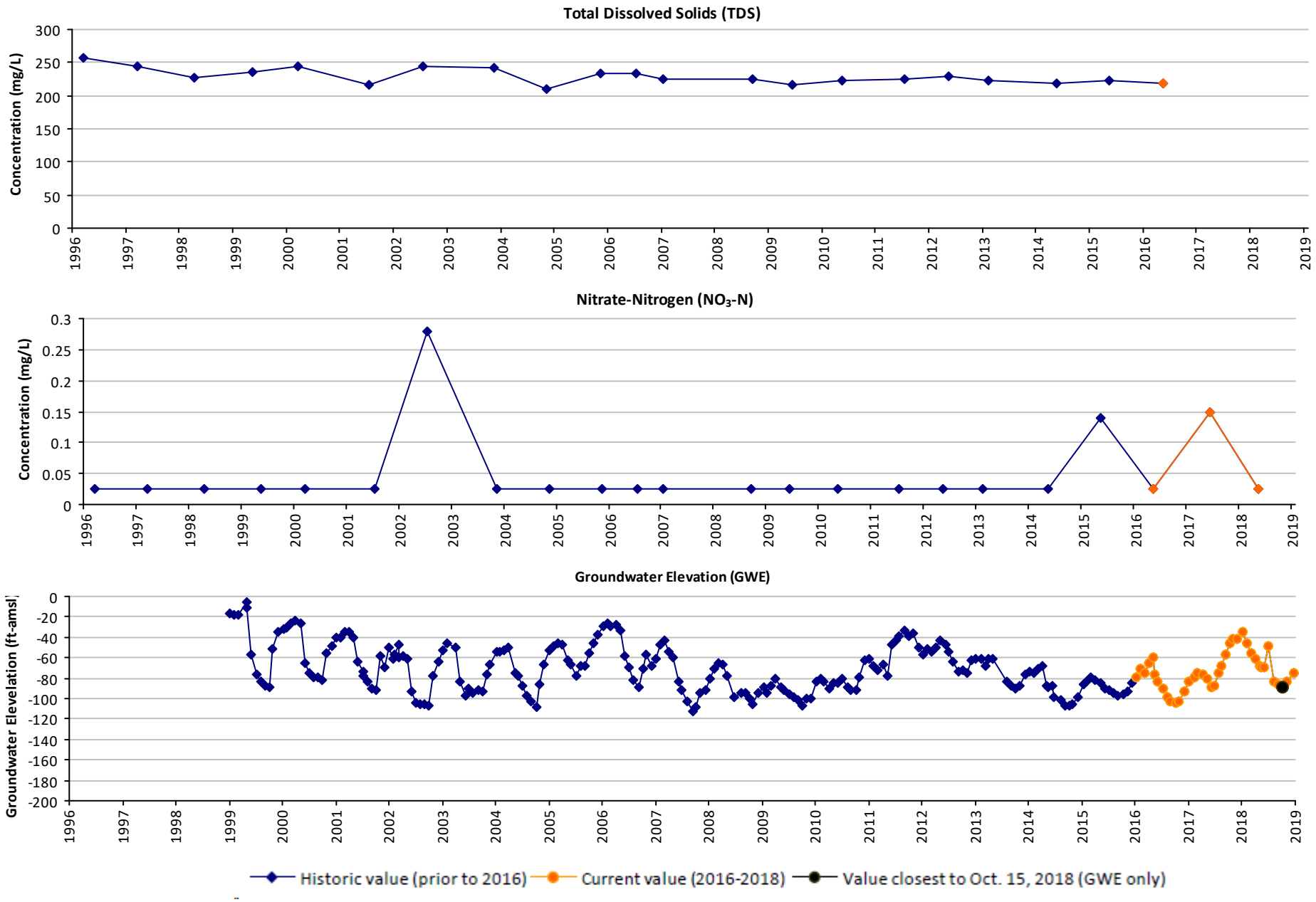
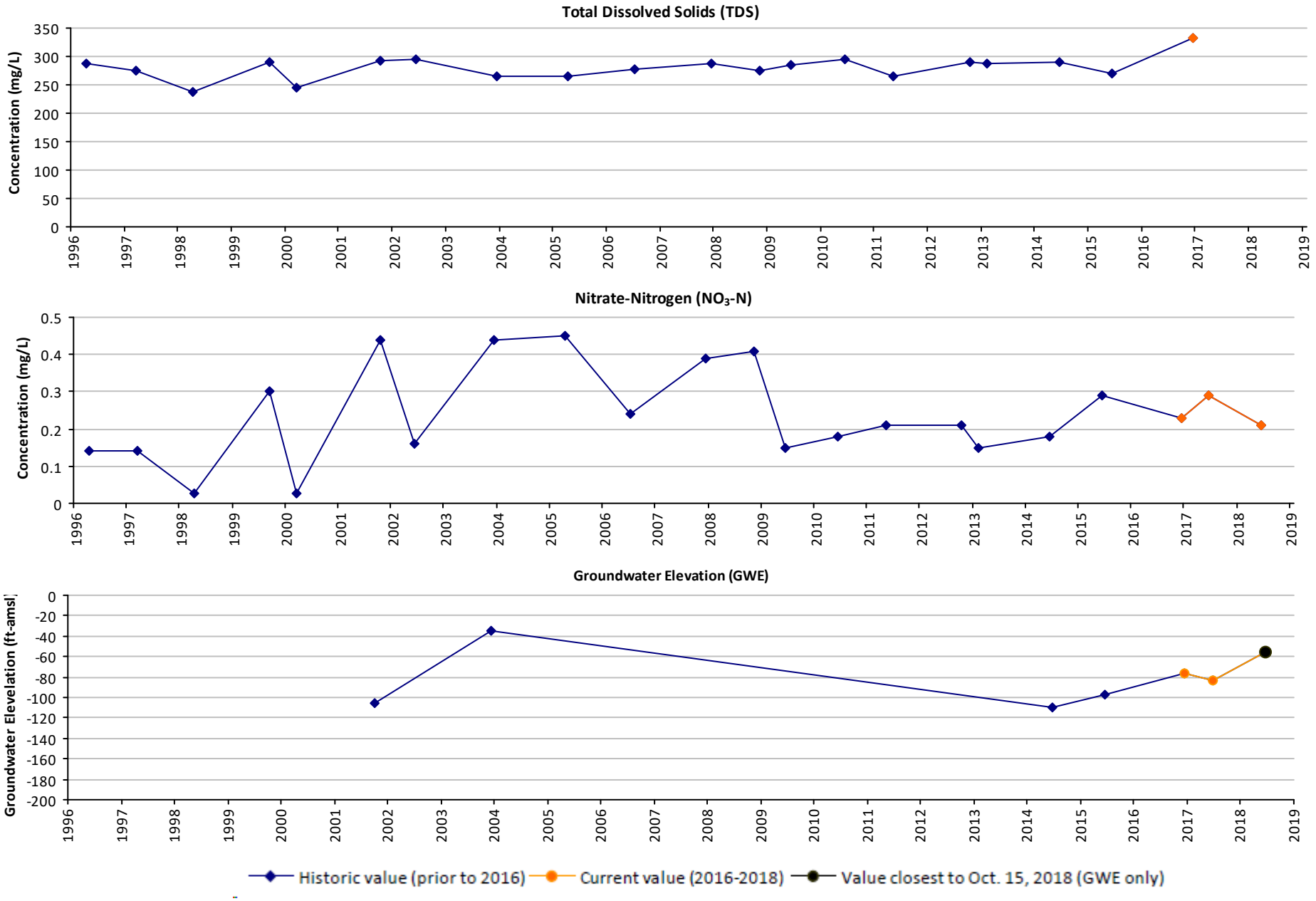
2012
2013
2014
2015
2016
2017
2018
2019

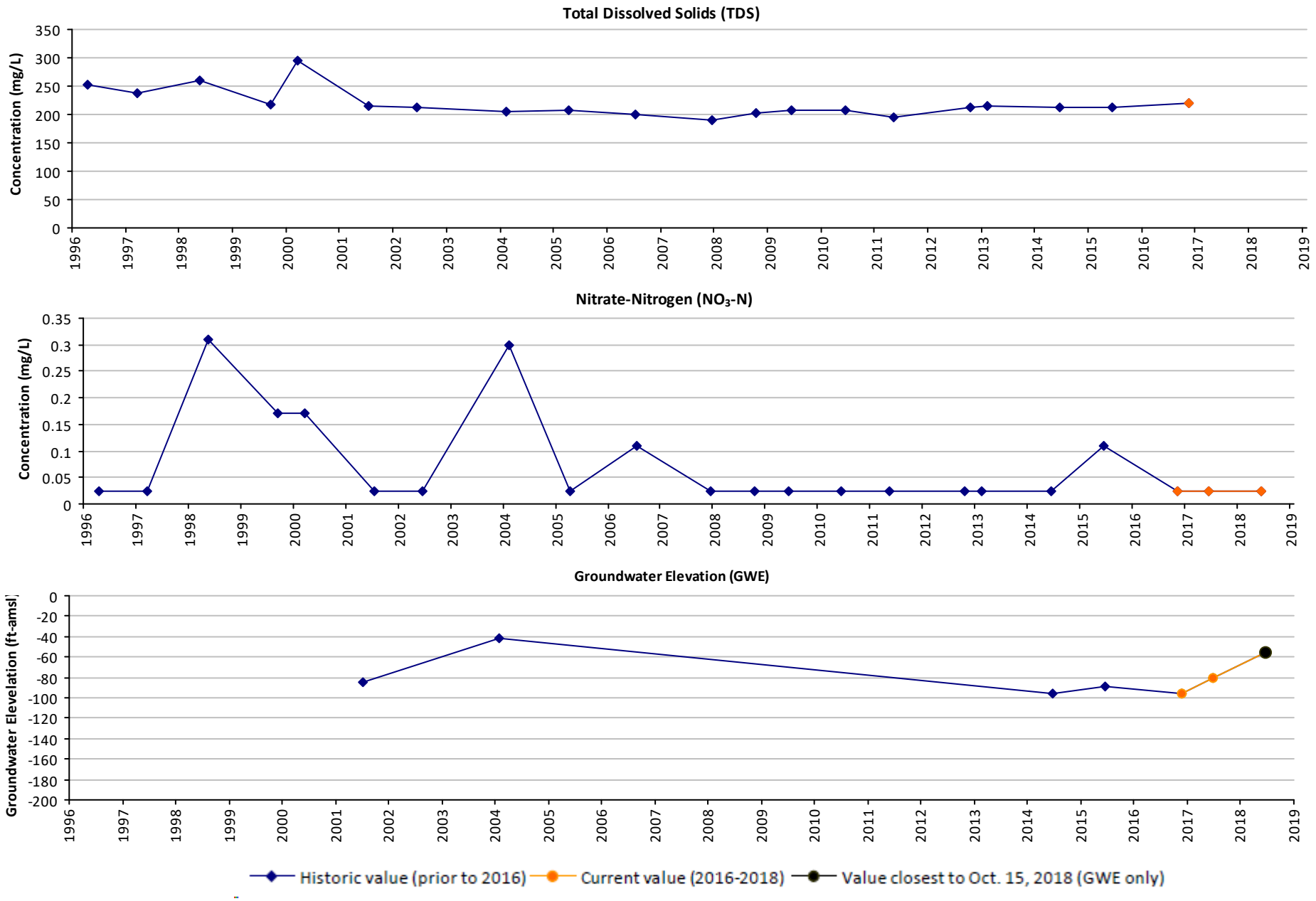

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

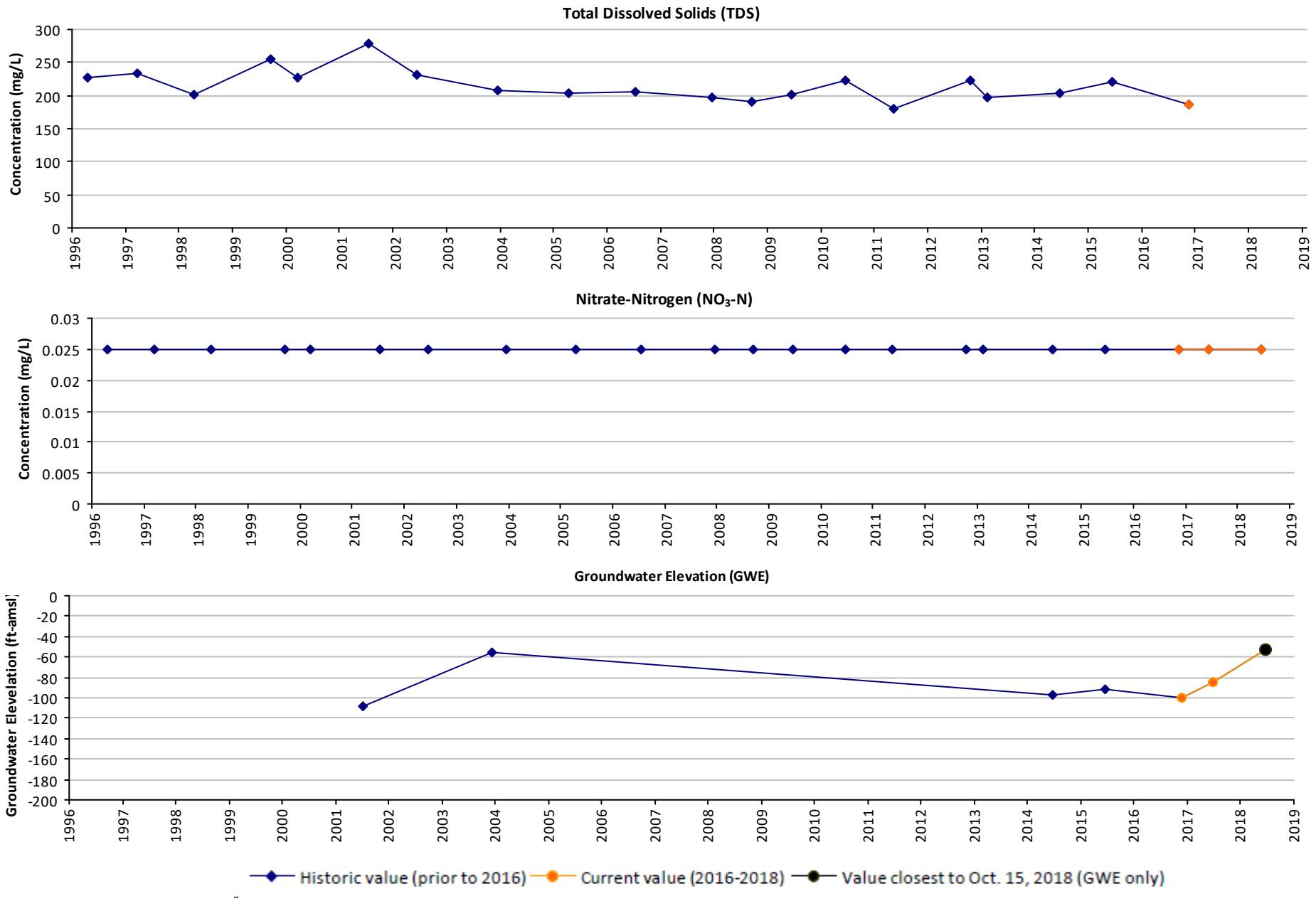

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

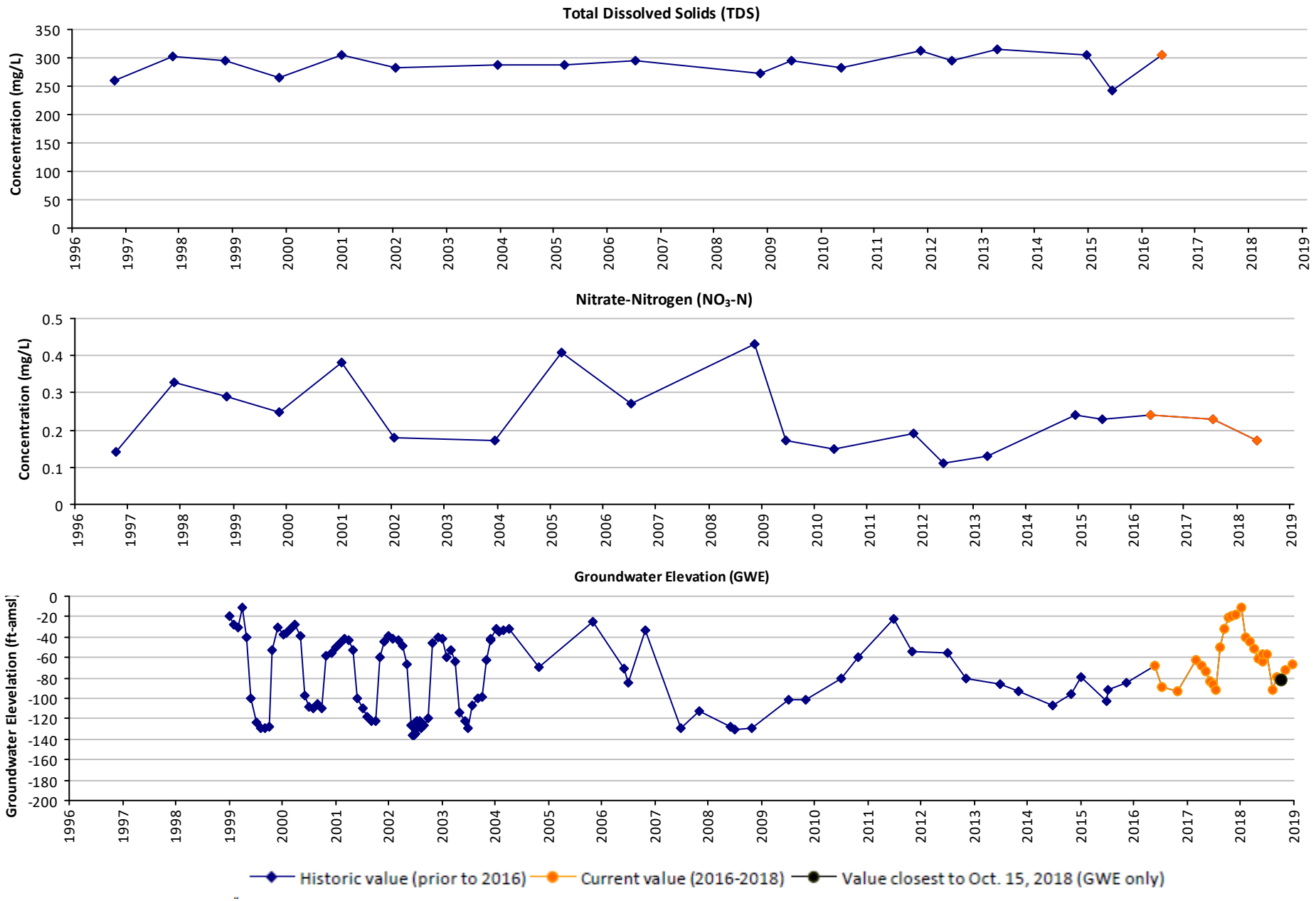

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

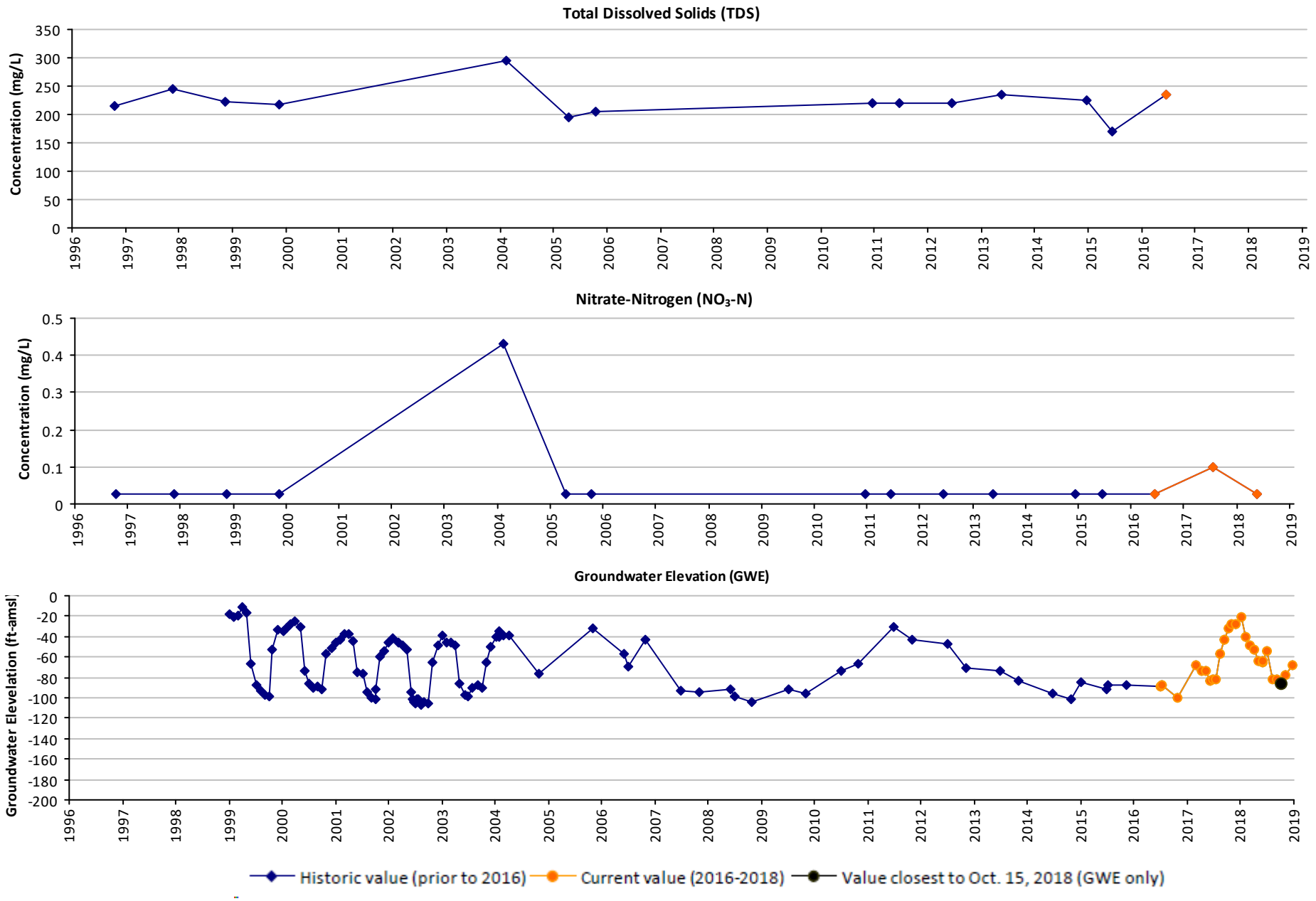

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

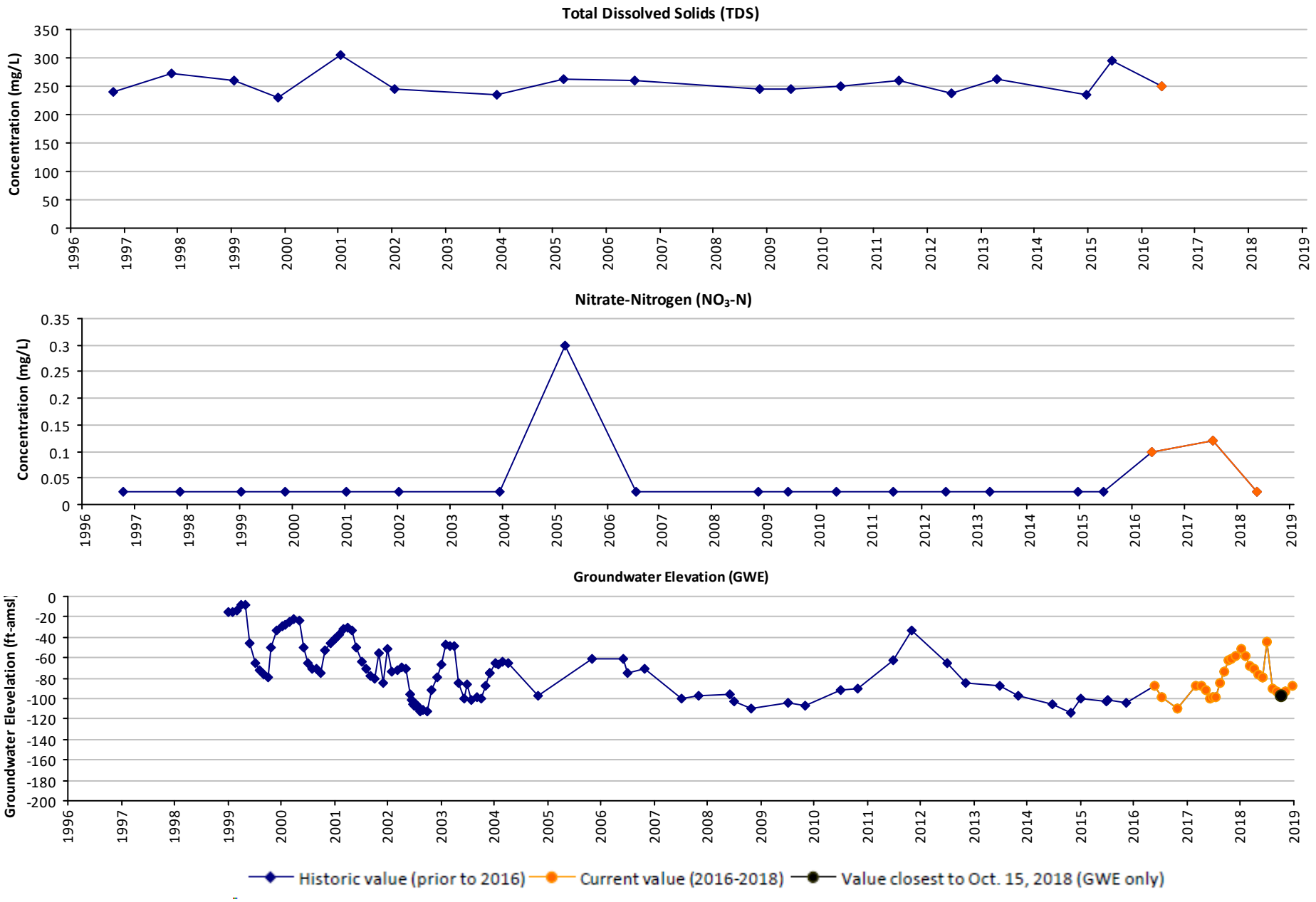

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

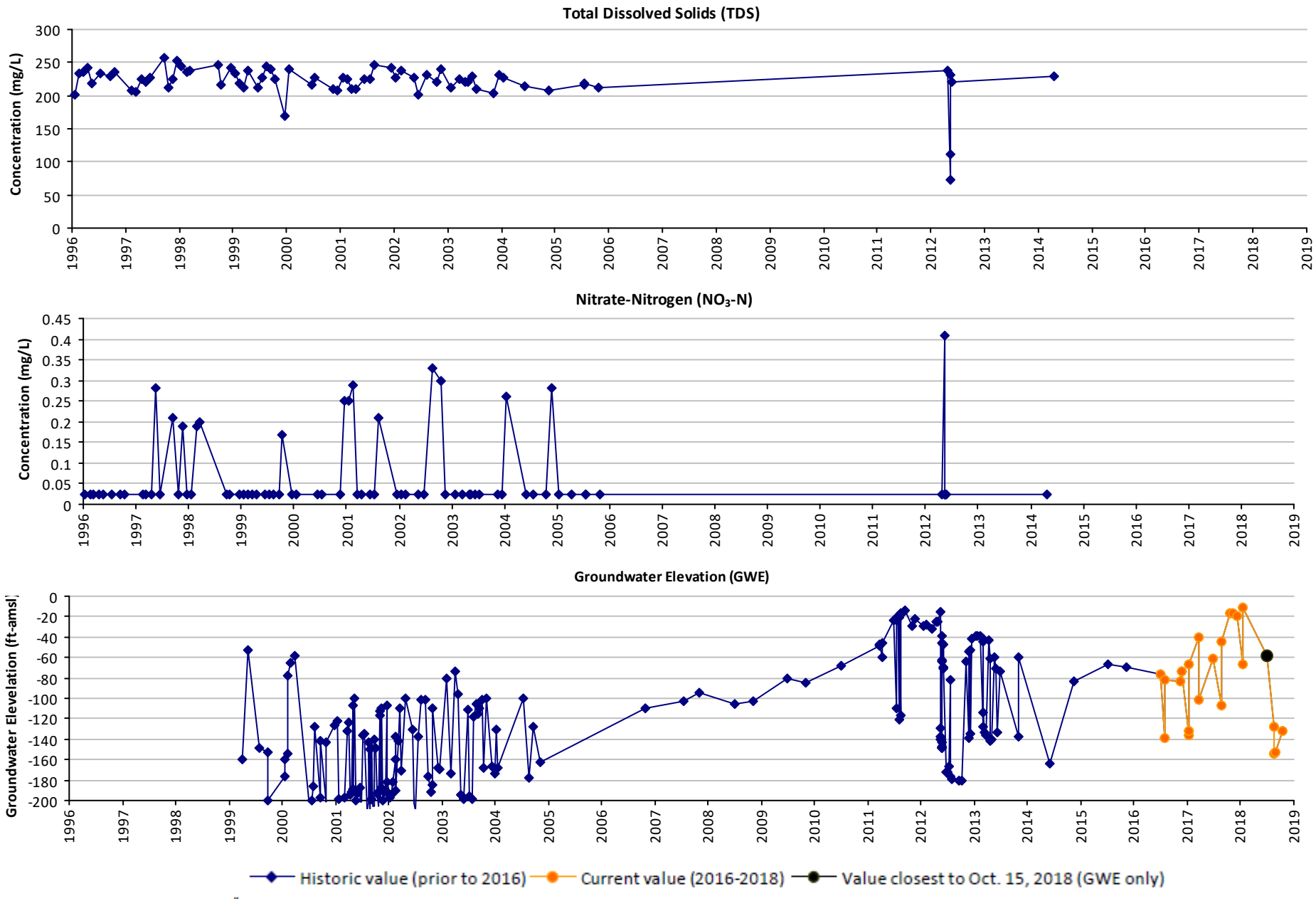

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

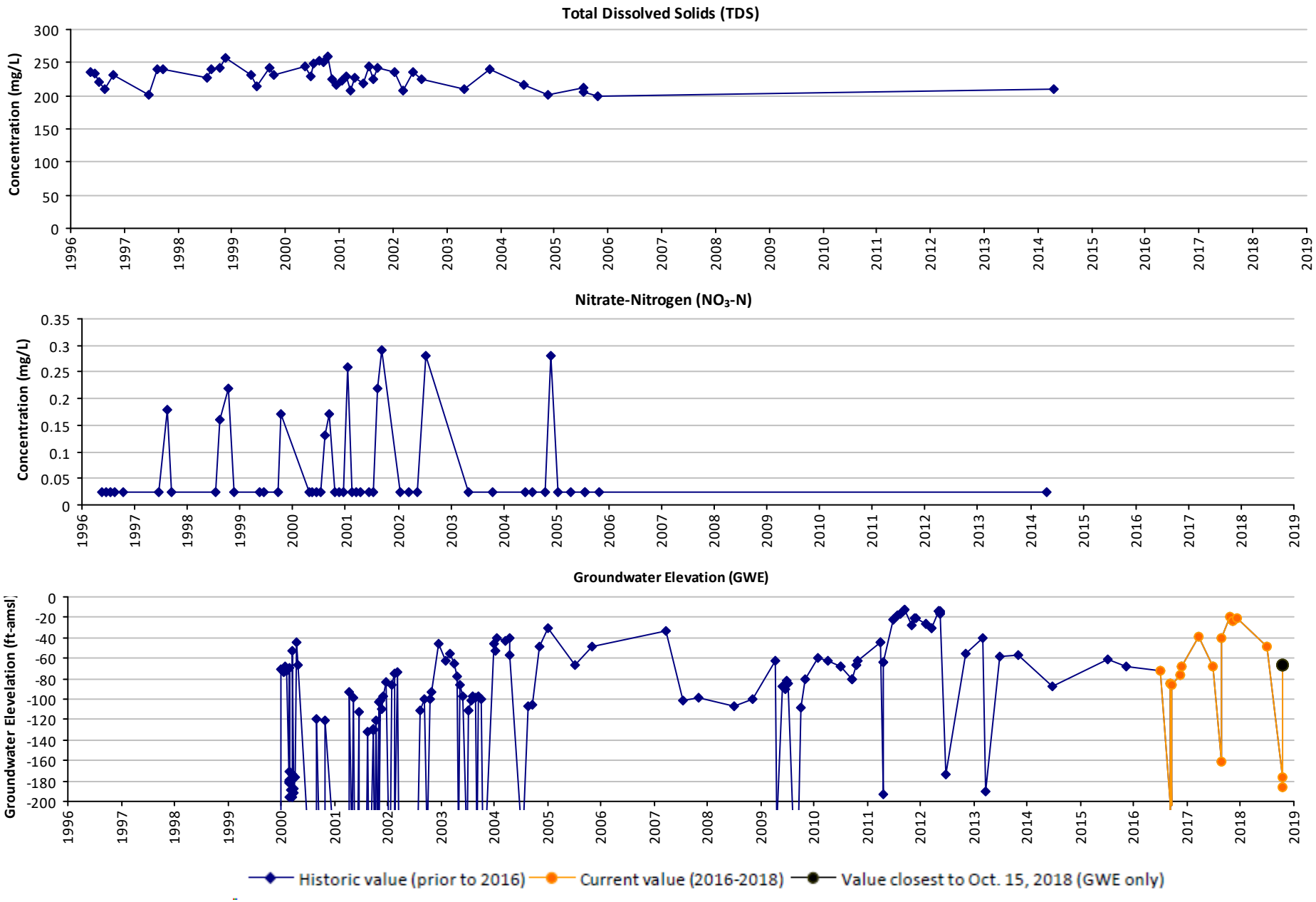

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

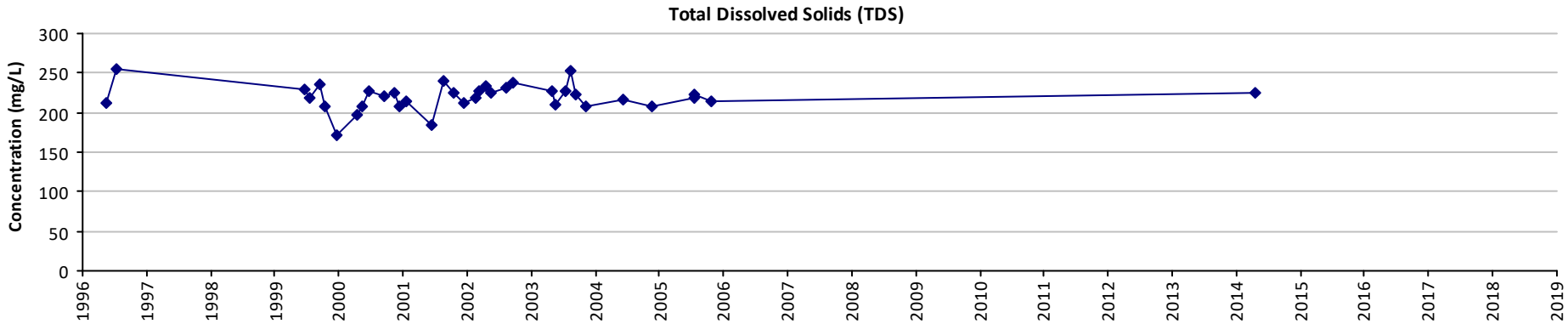

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

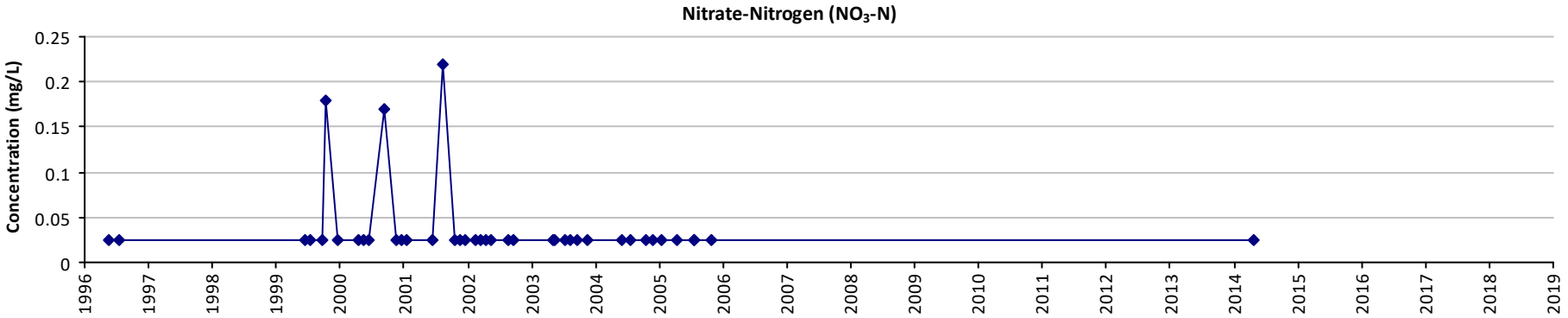

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

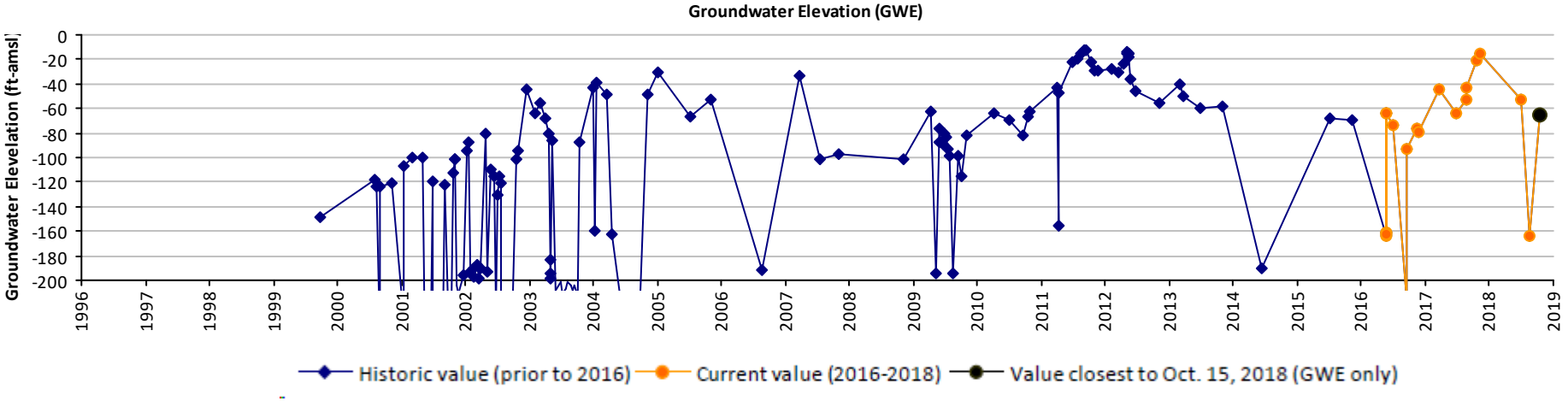

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

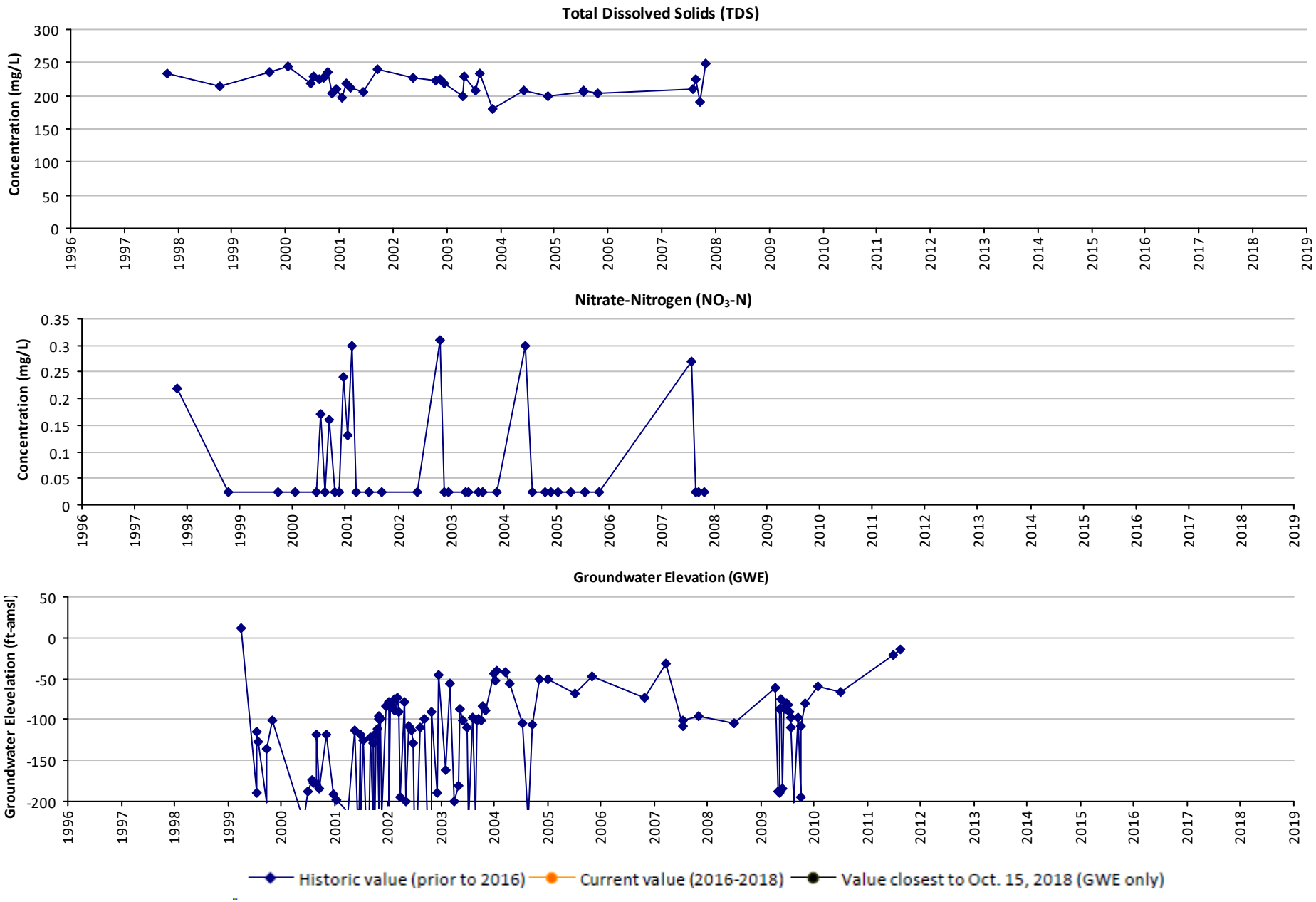

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

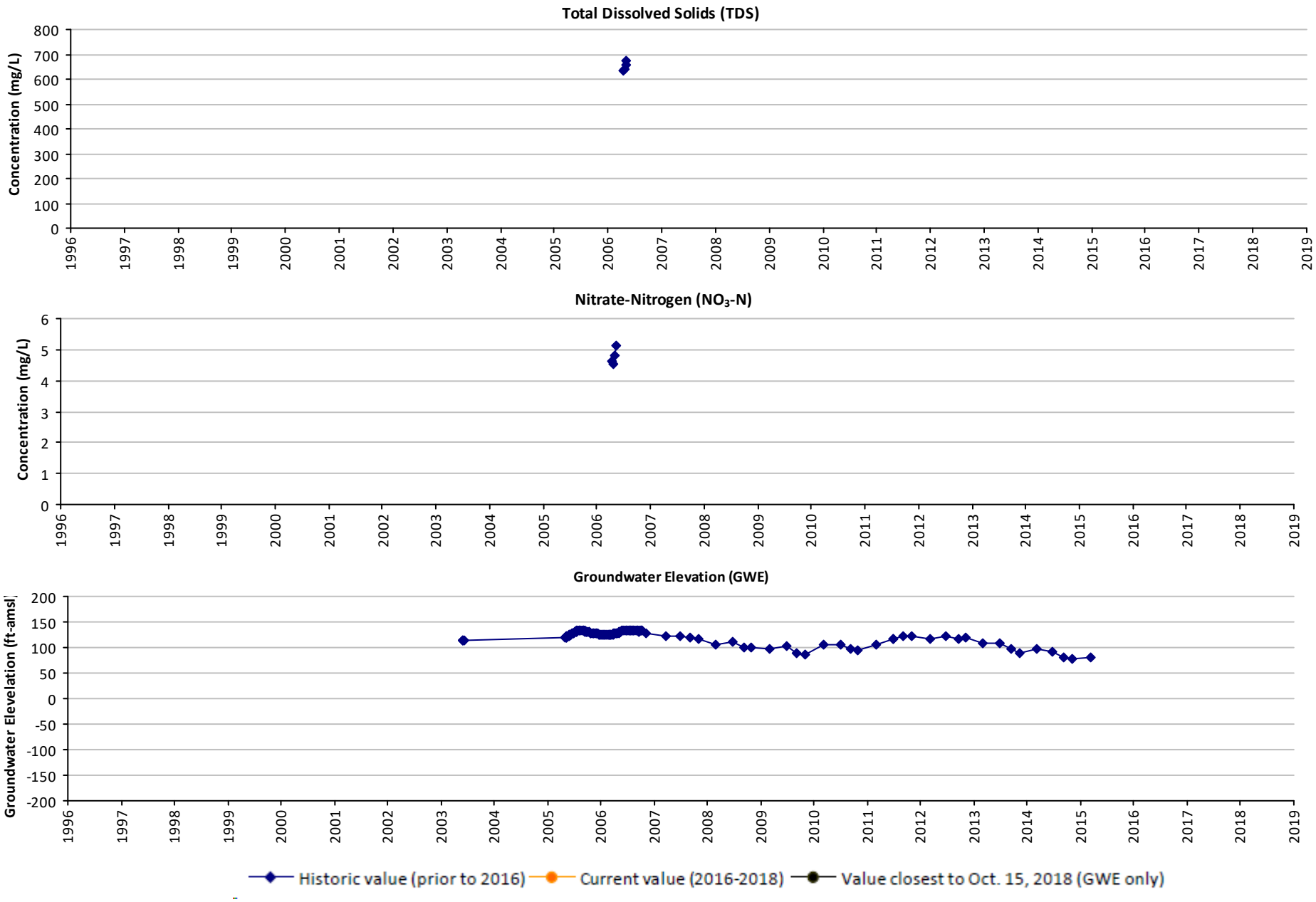

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

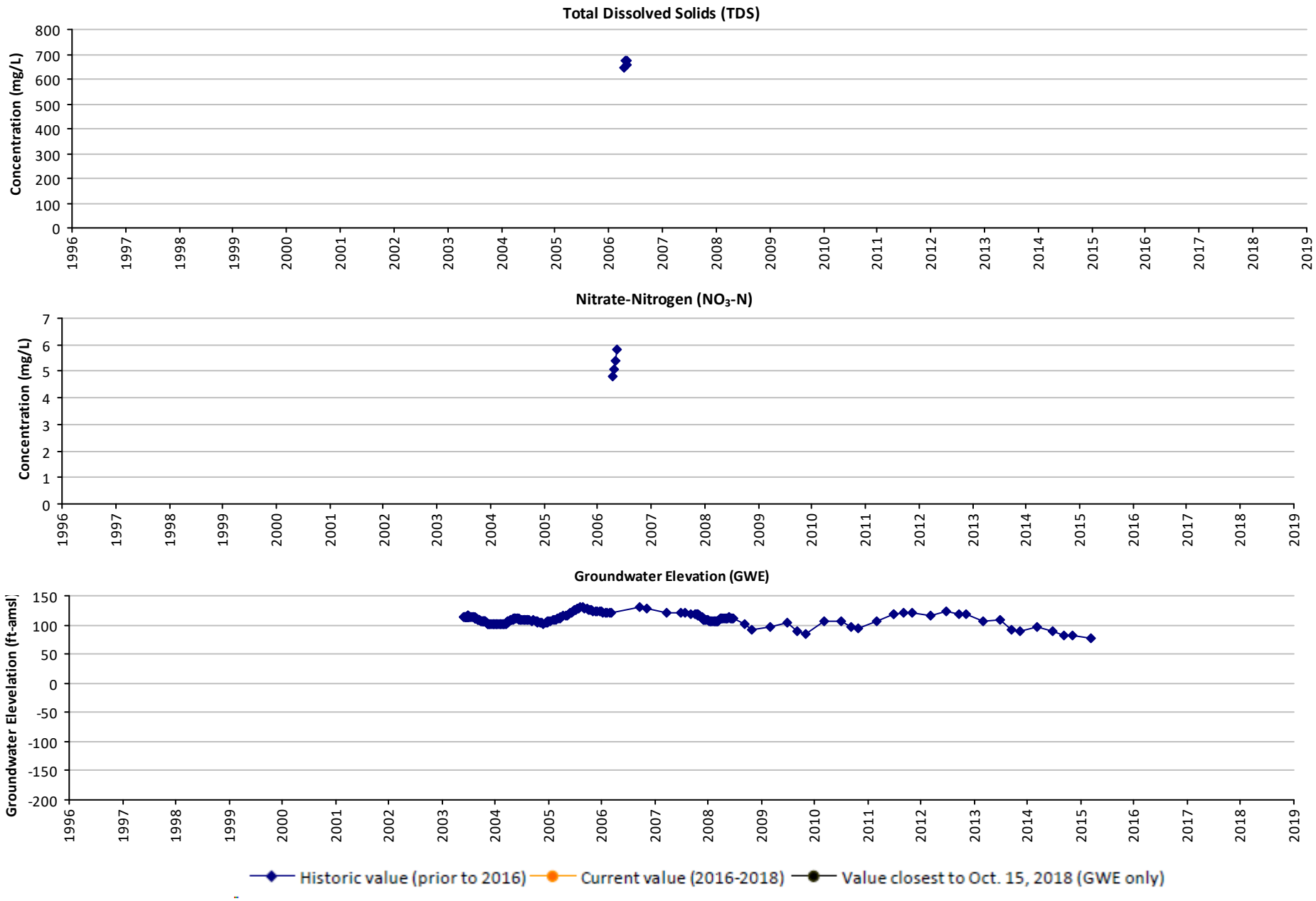

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

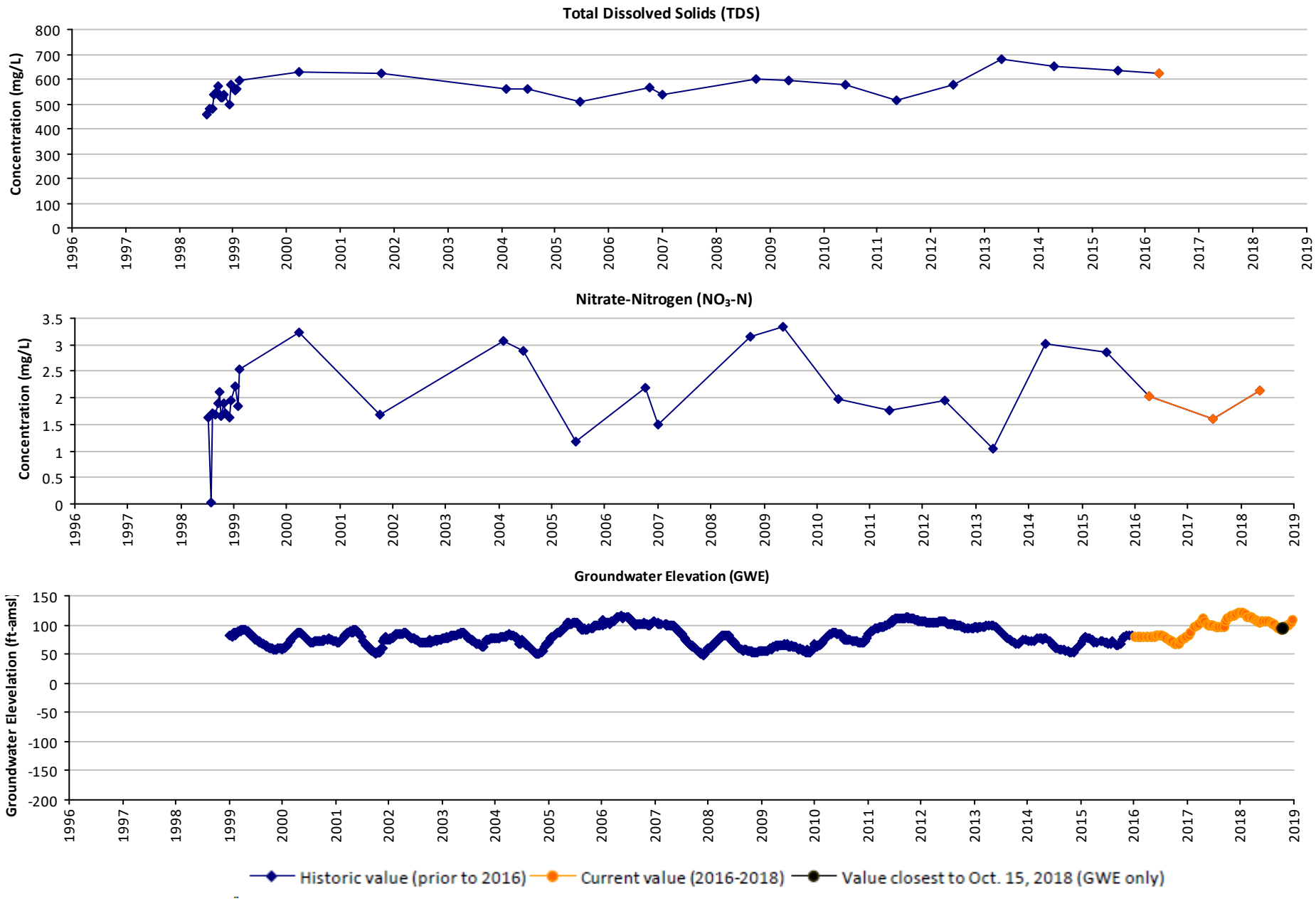

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

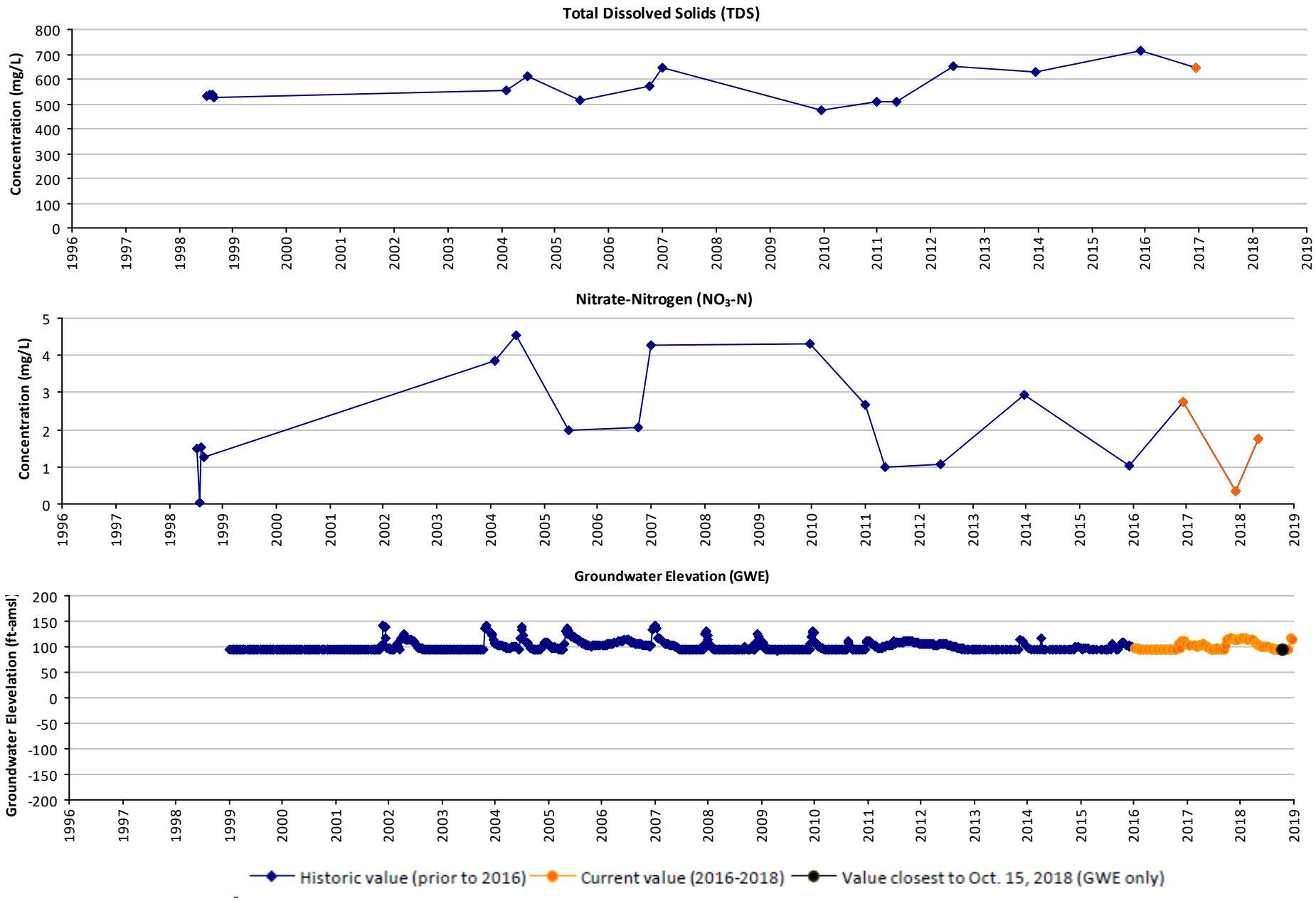

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

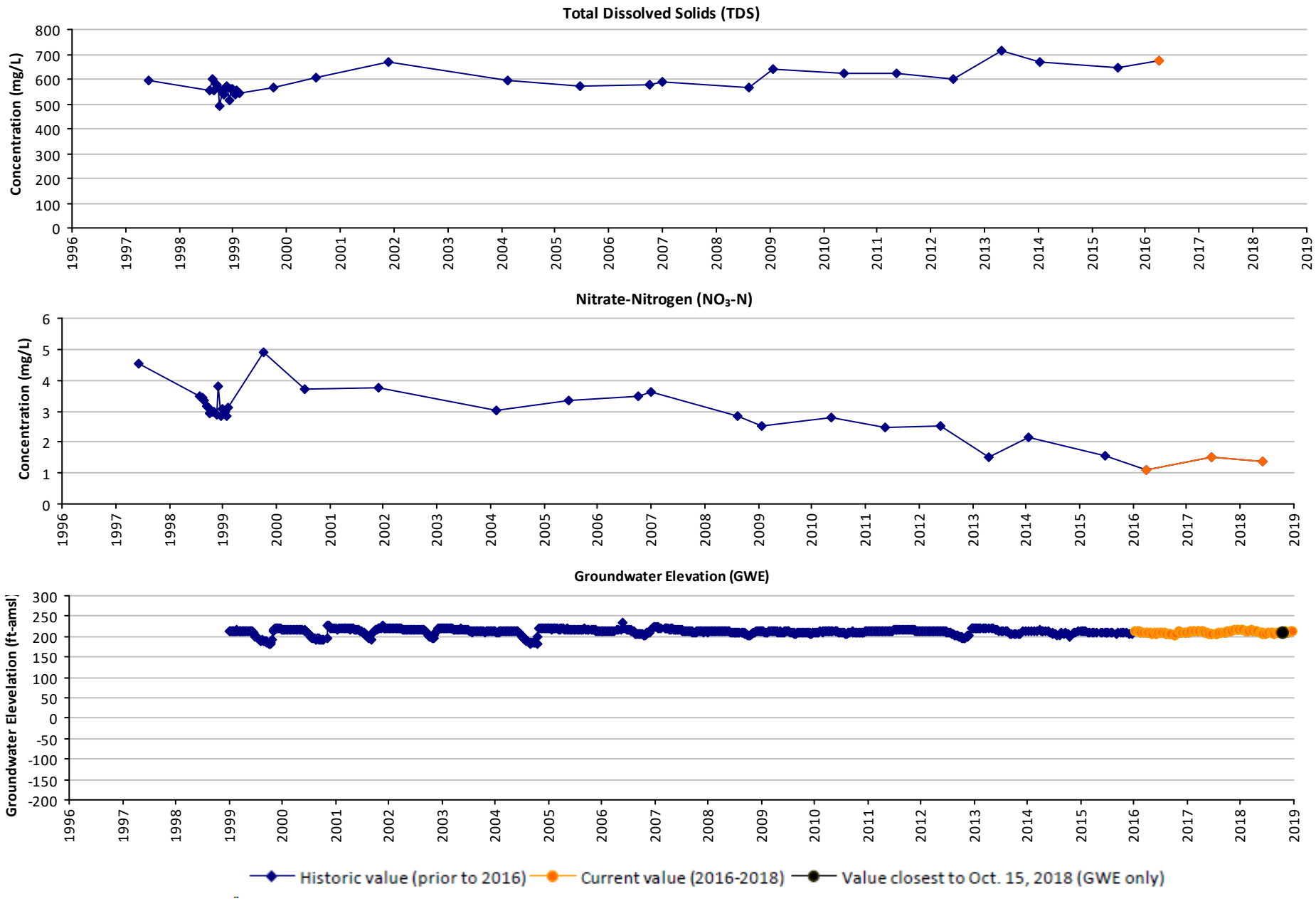

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

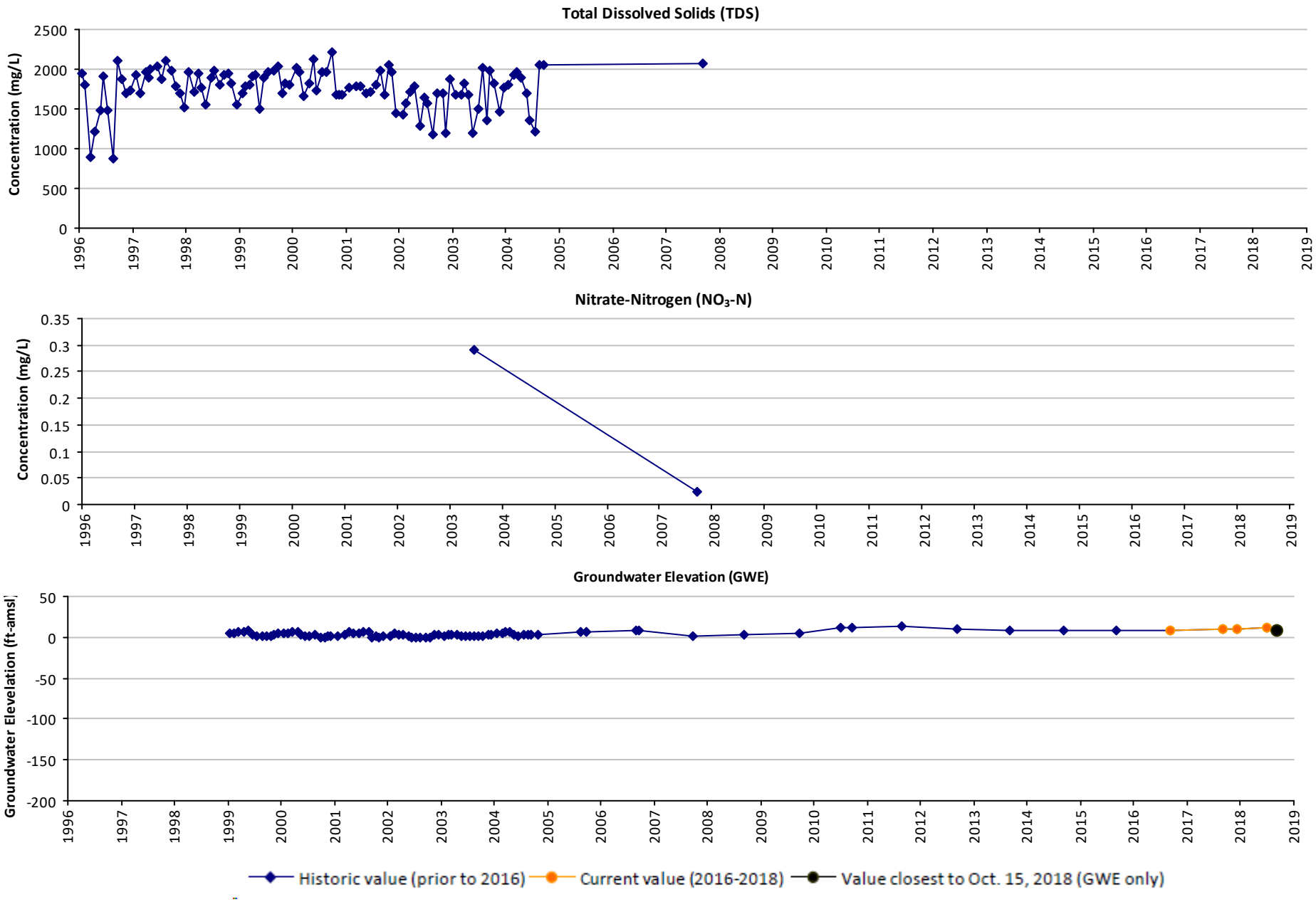

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

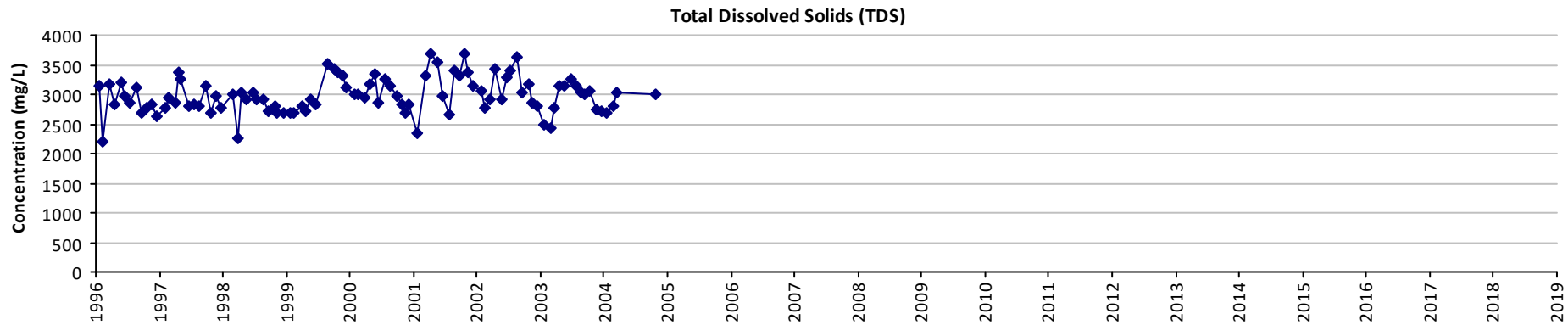

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

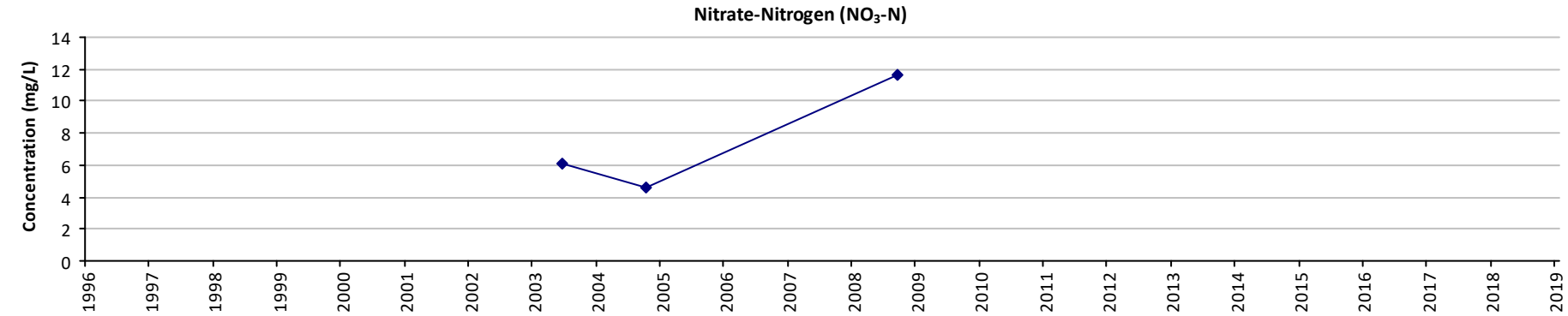

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

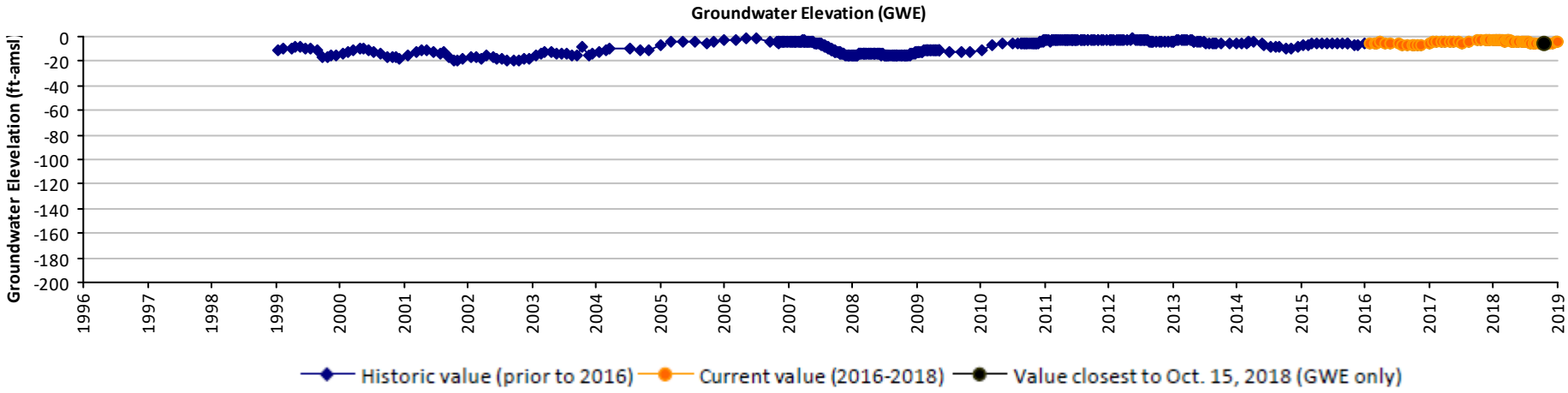

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

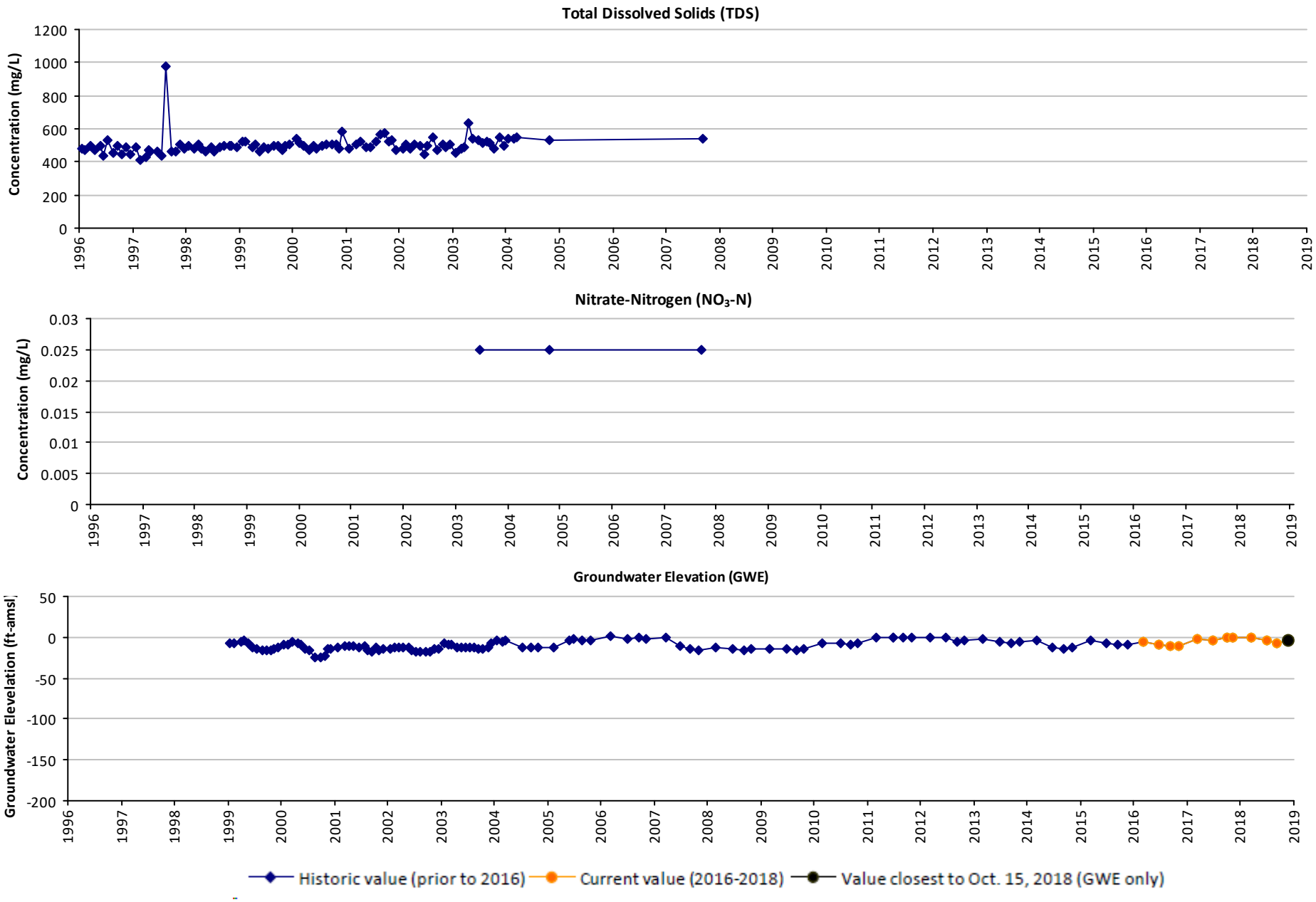

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

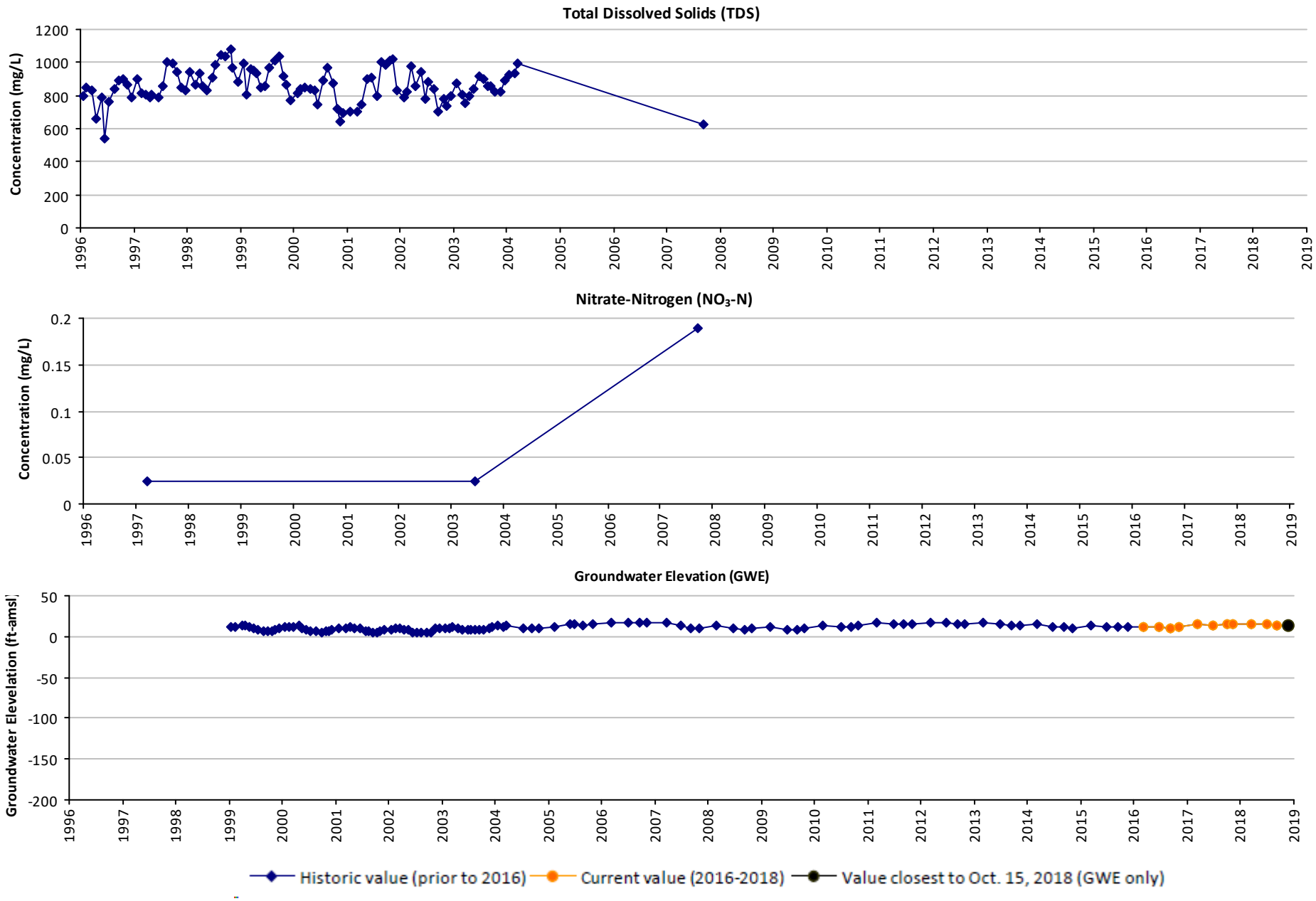

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

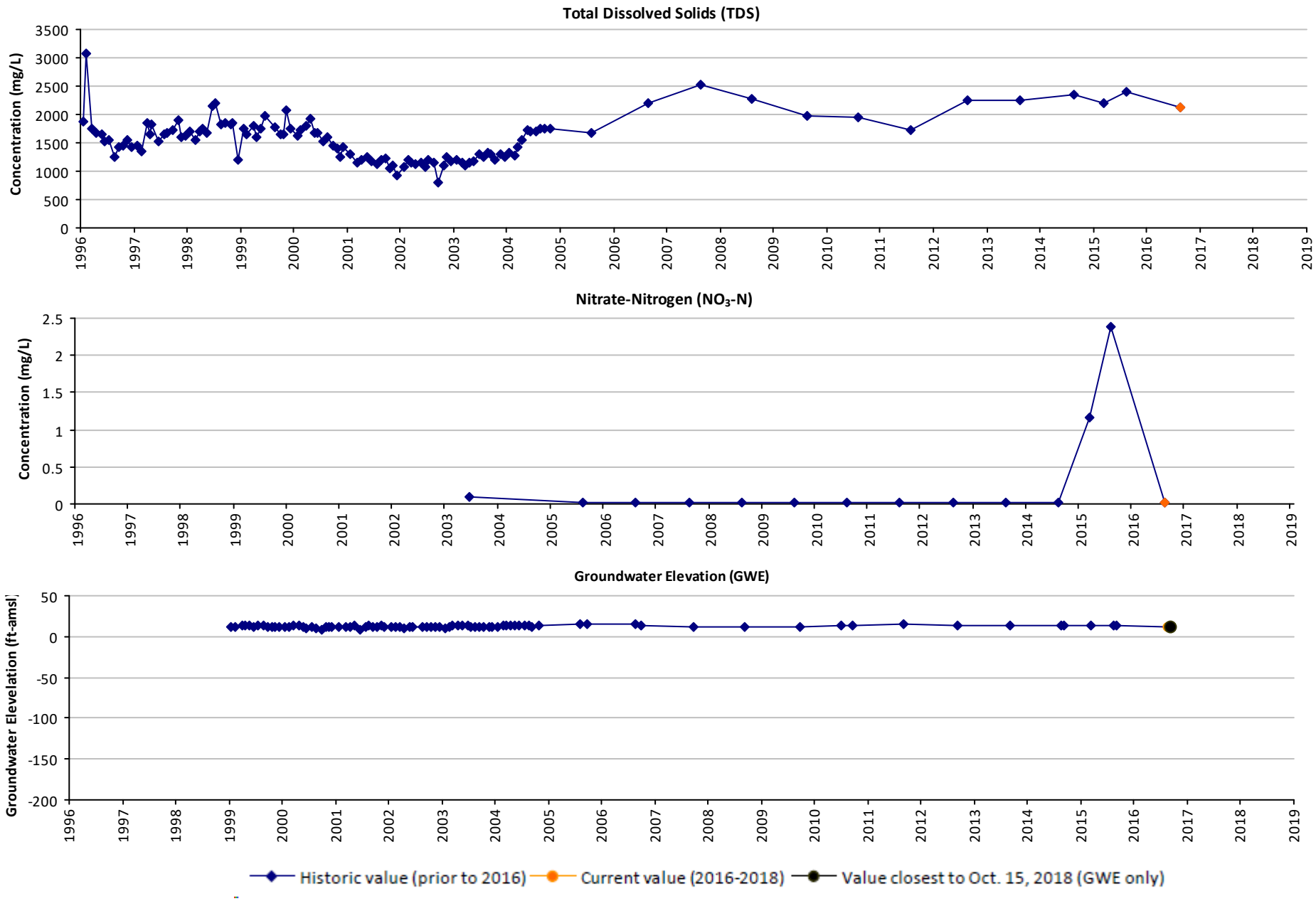

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

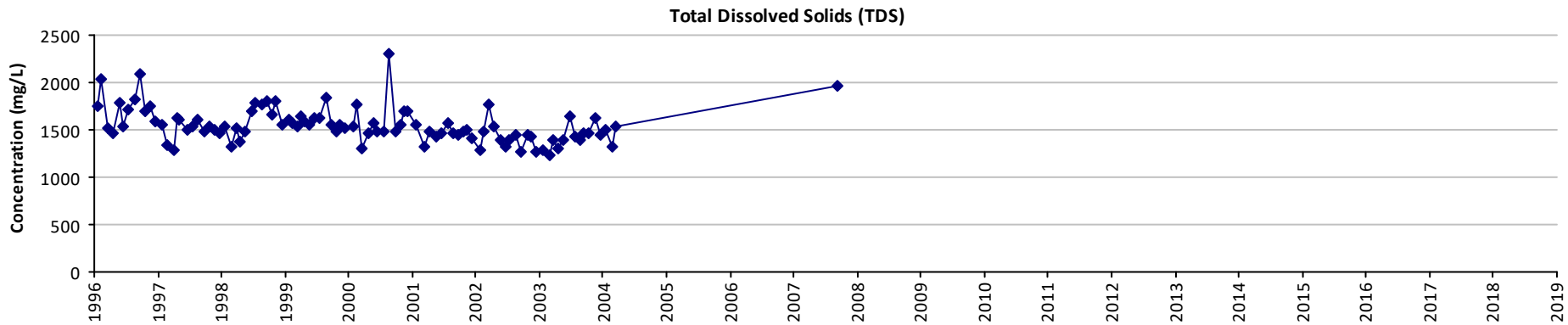

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

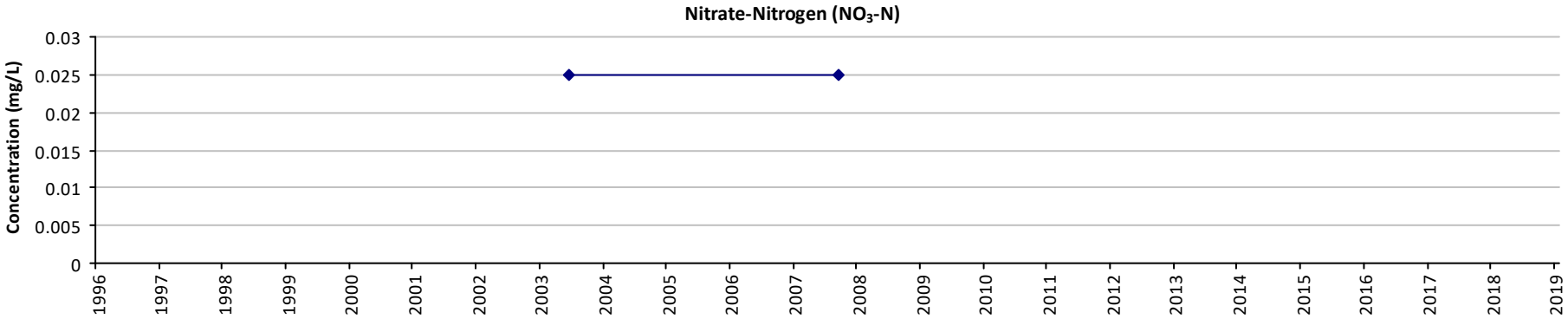

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

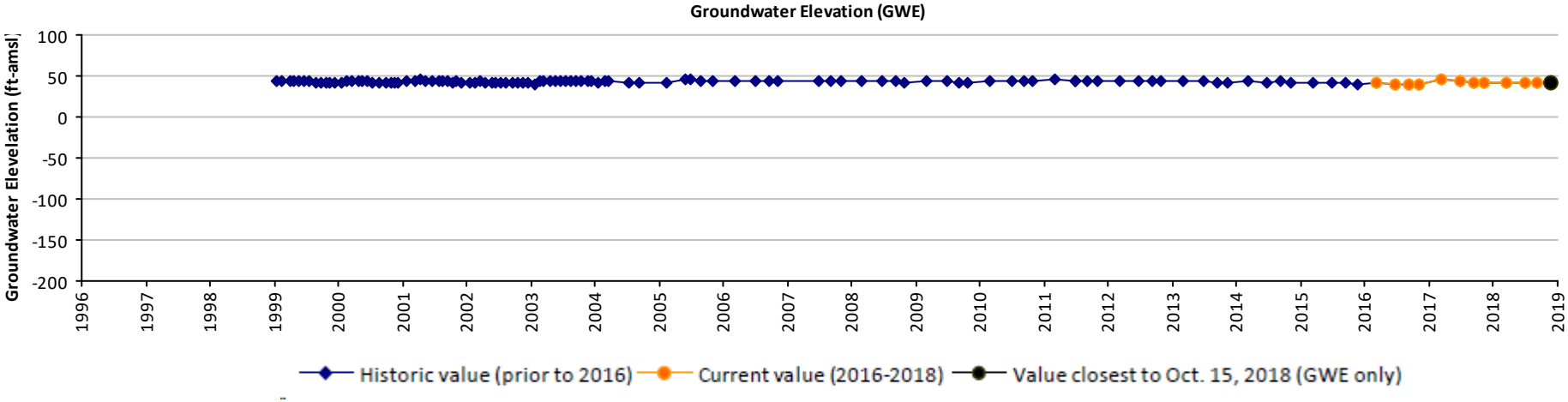

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

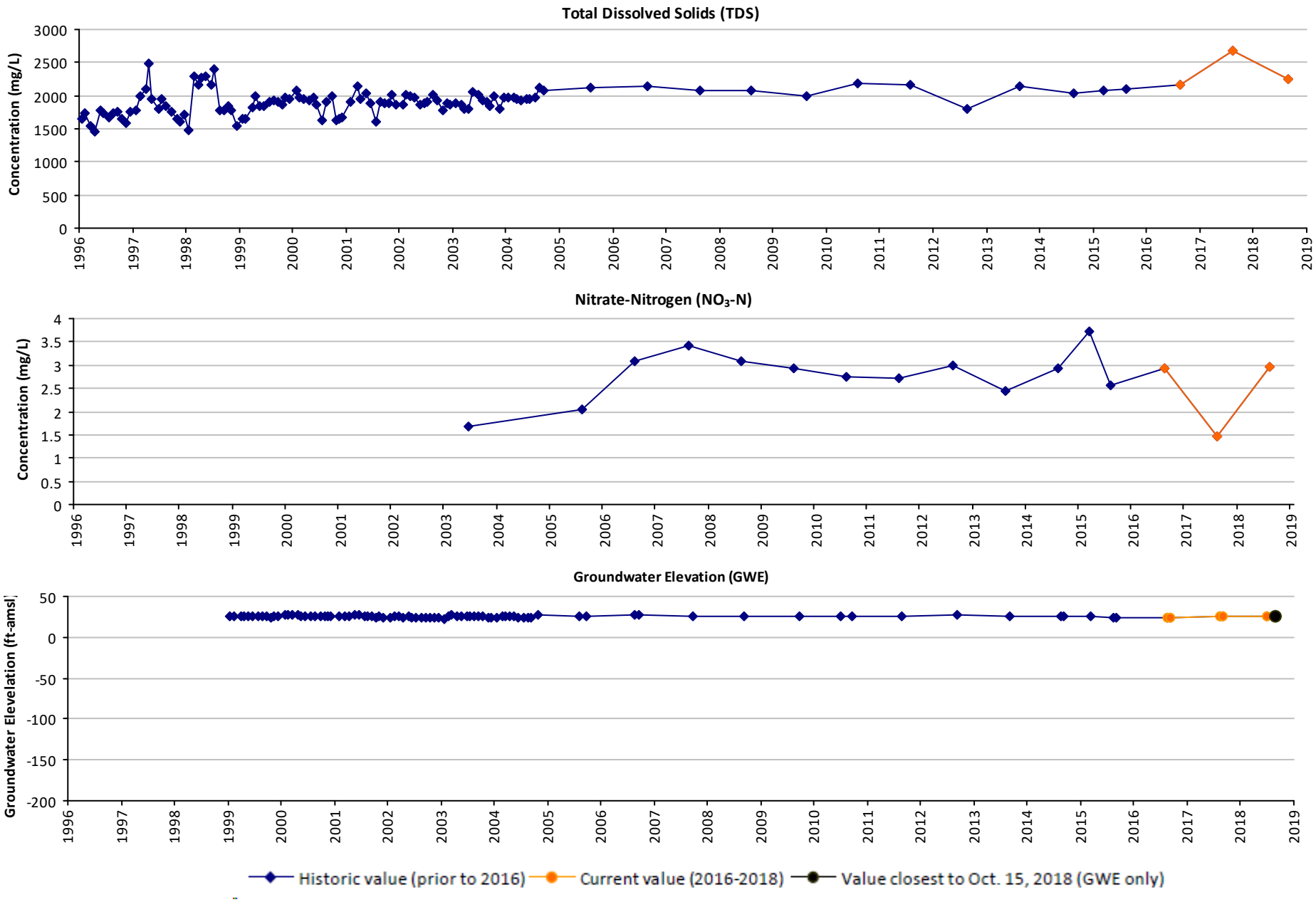

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

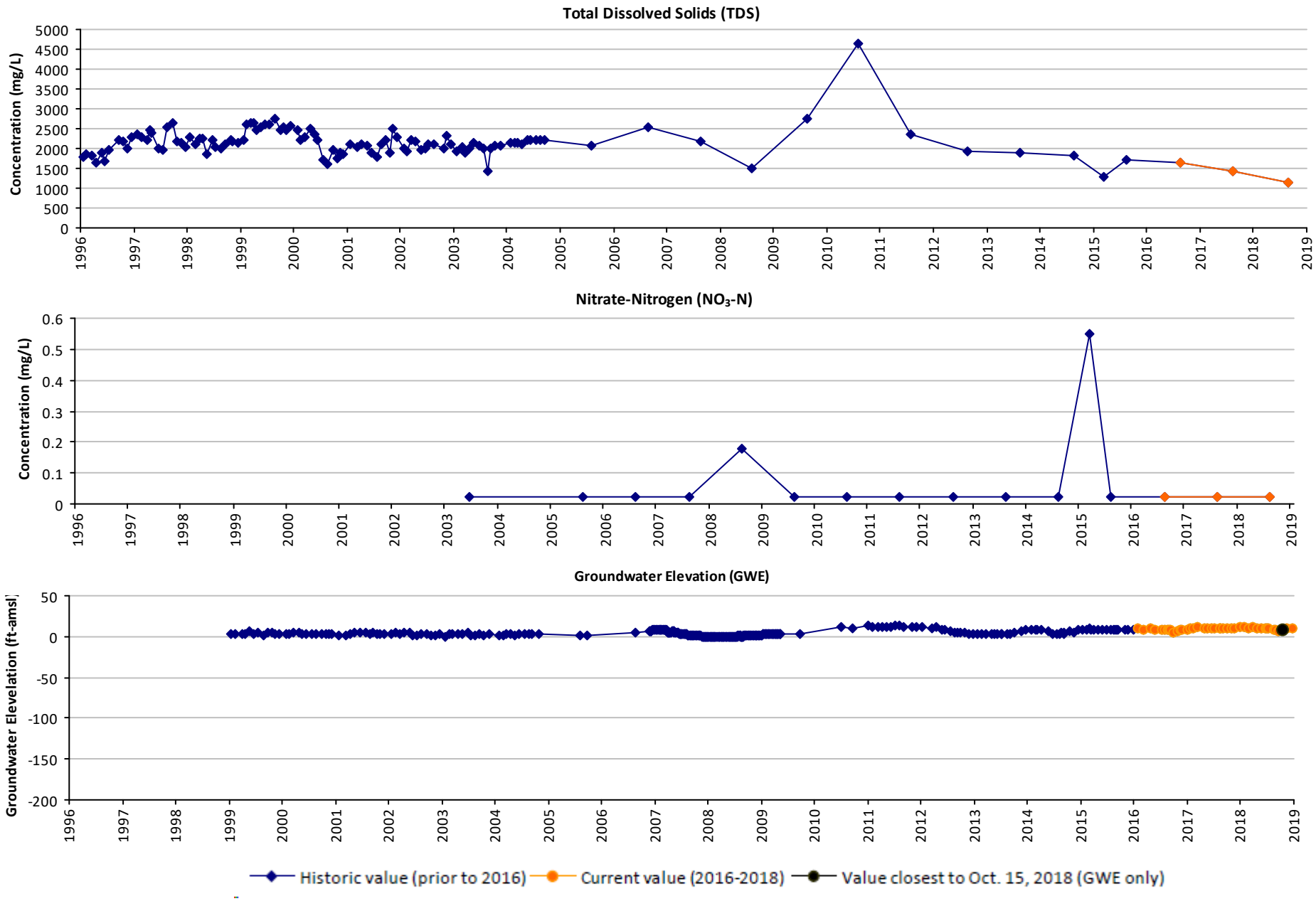

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

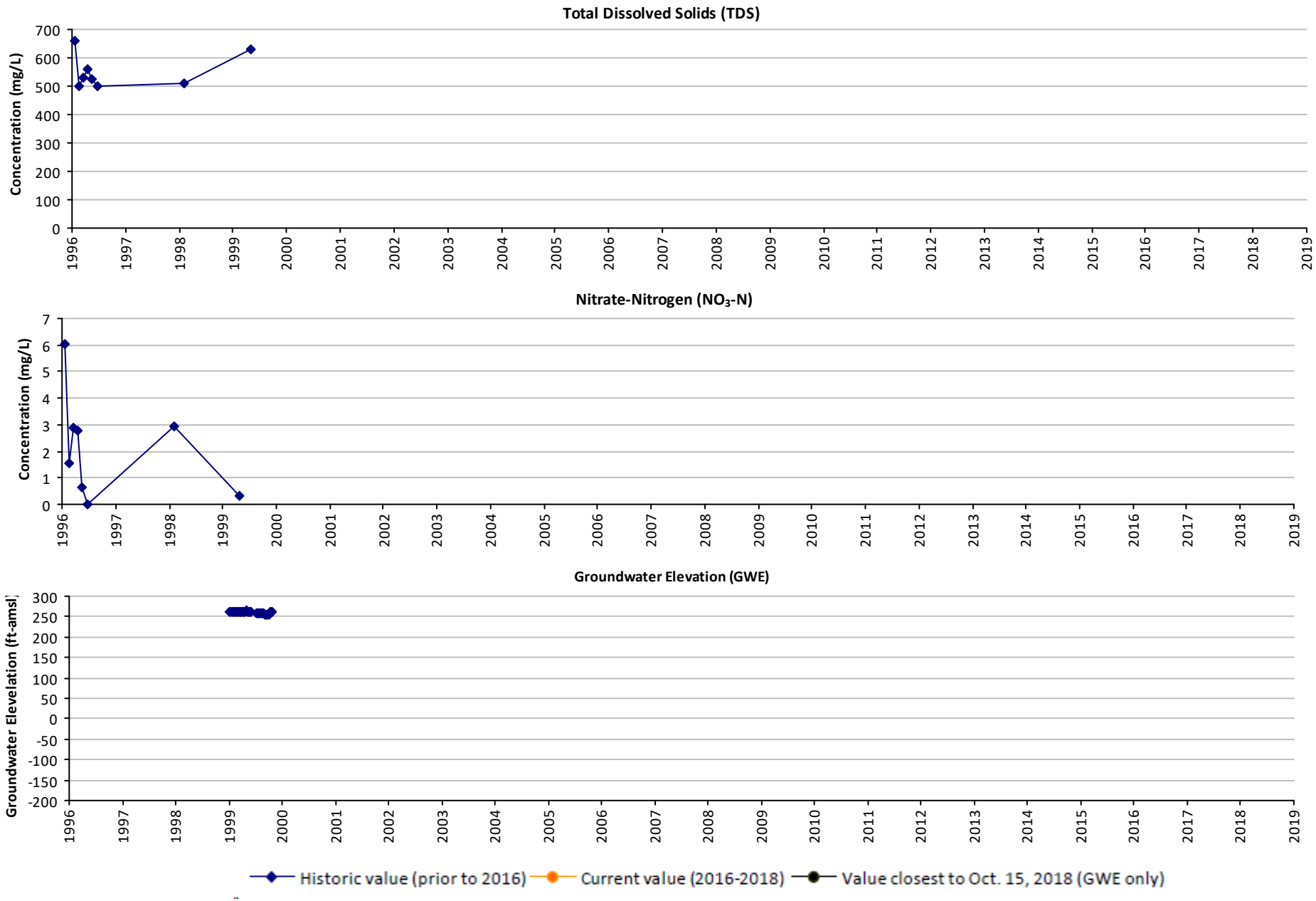

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

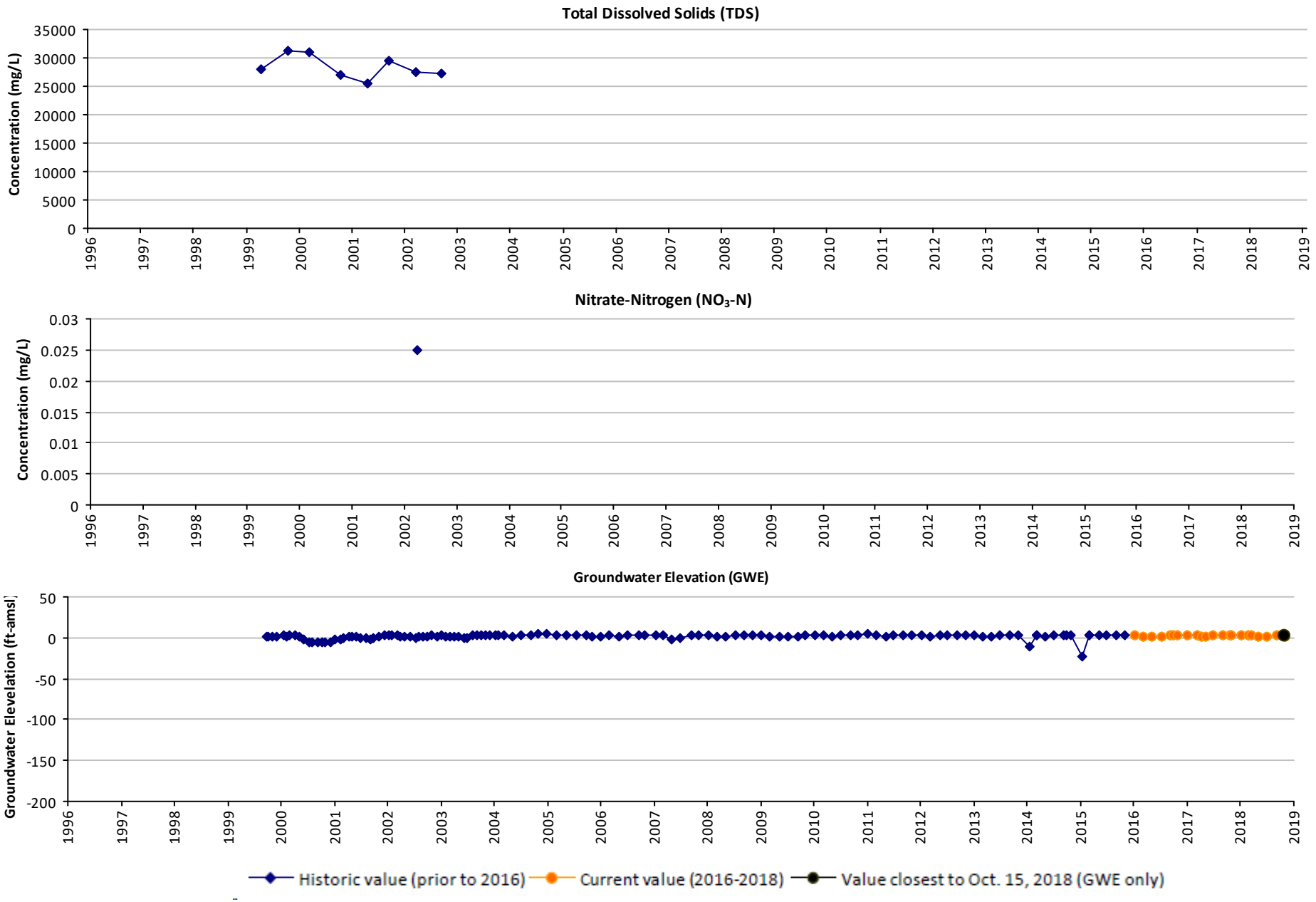

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

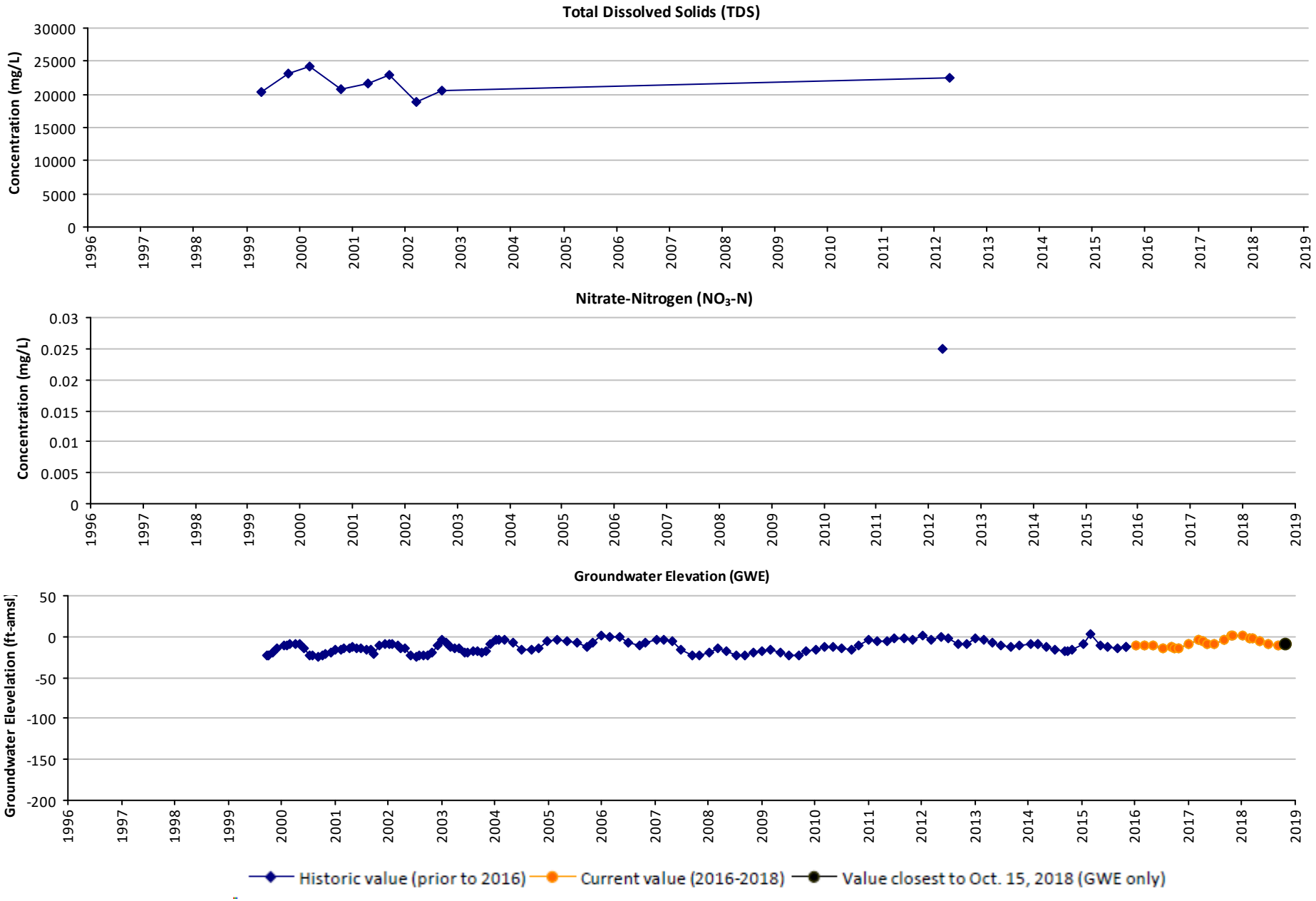

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

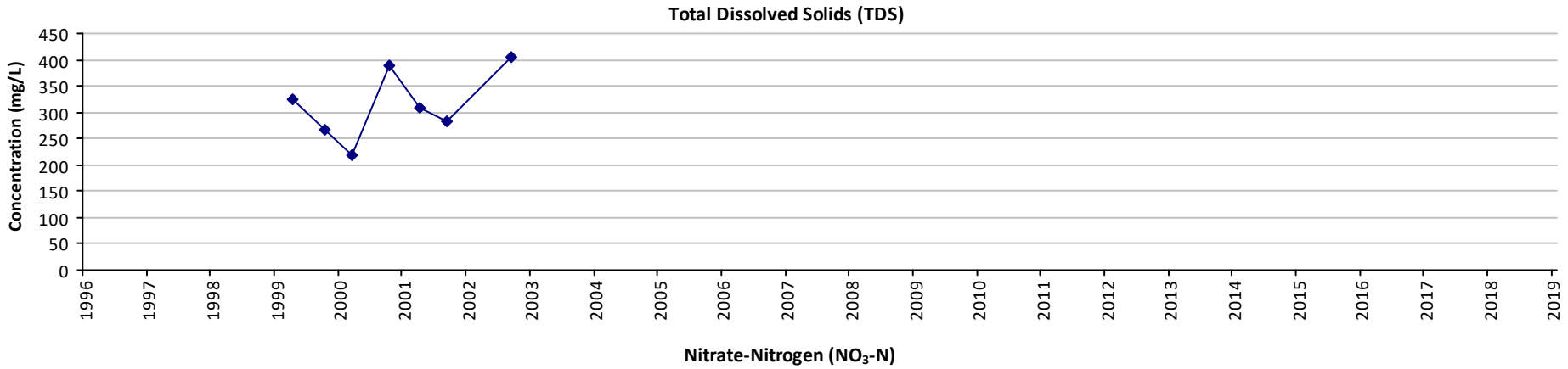

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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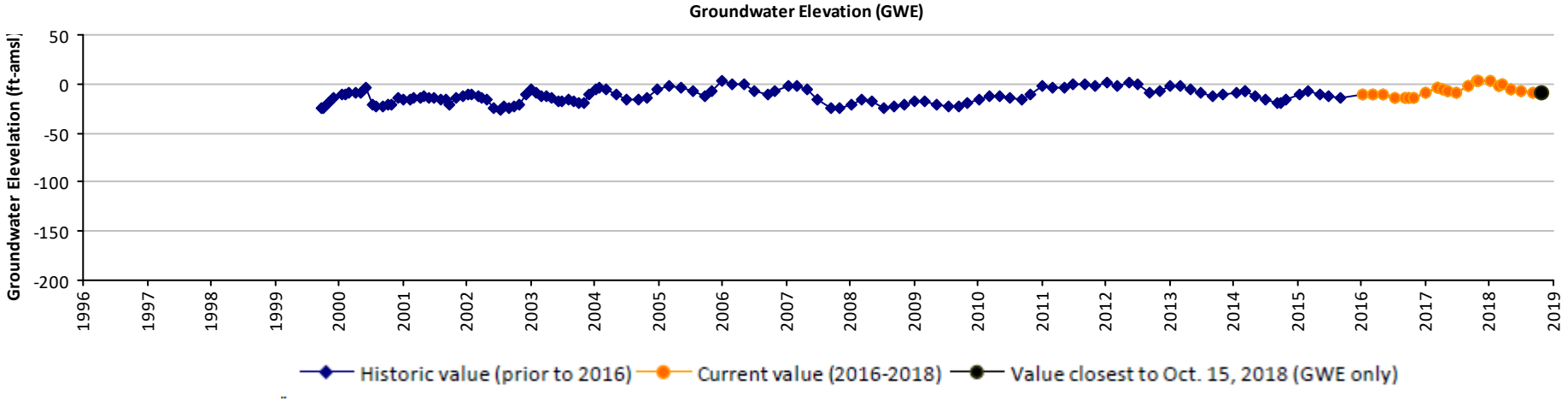
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
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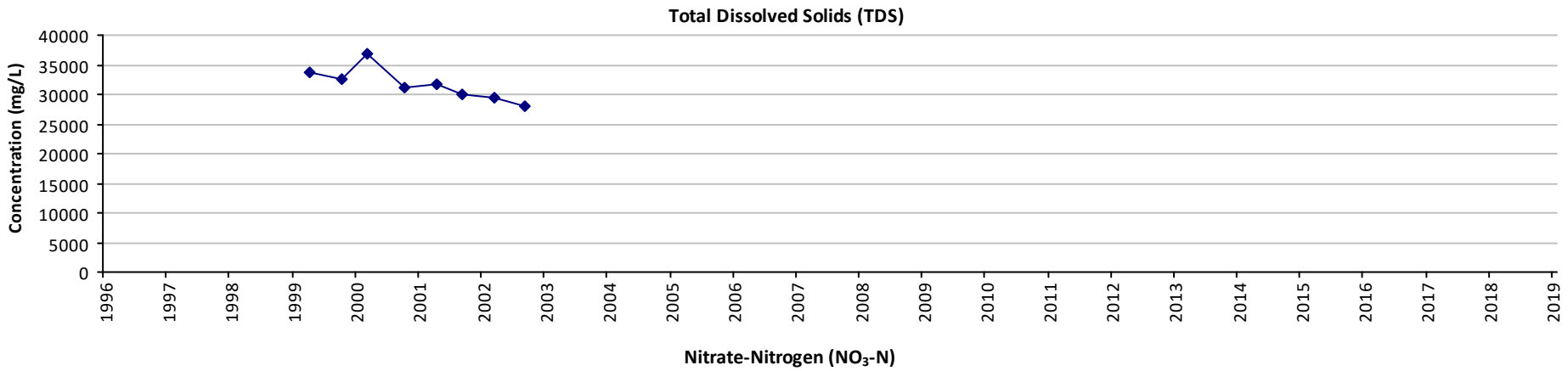
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
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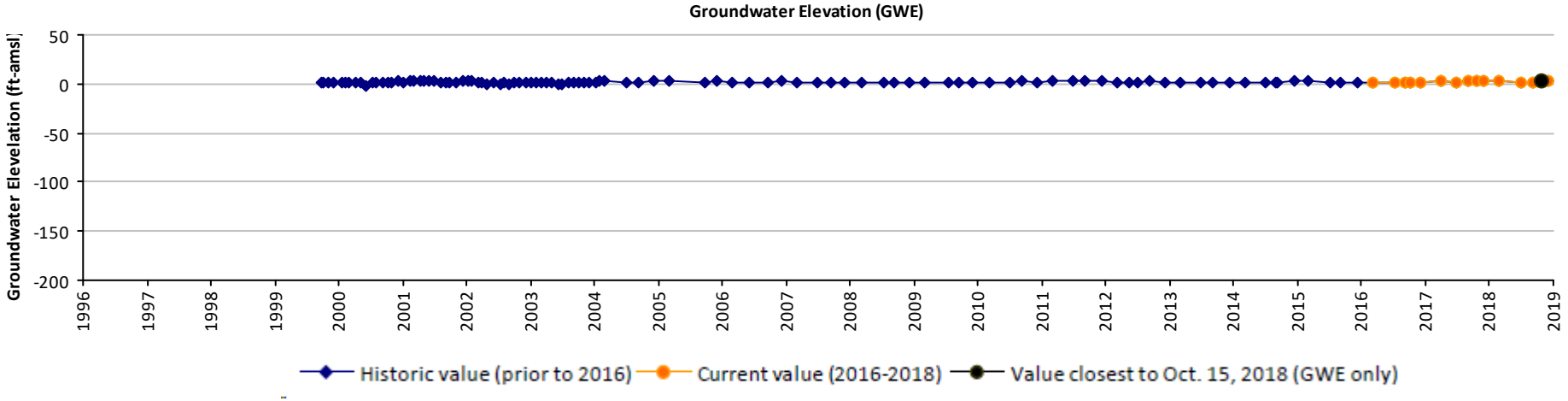
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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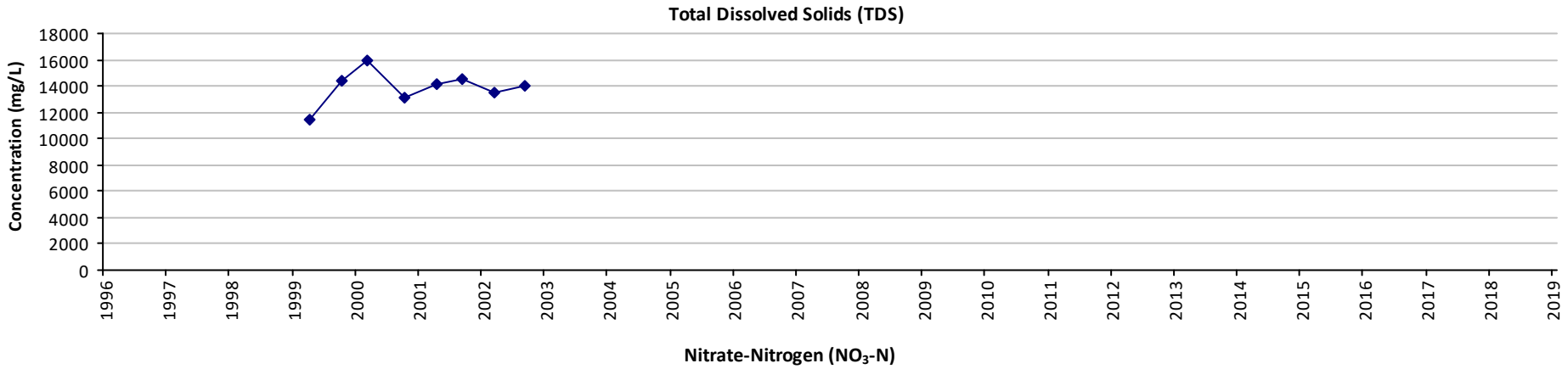
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
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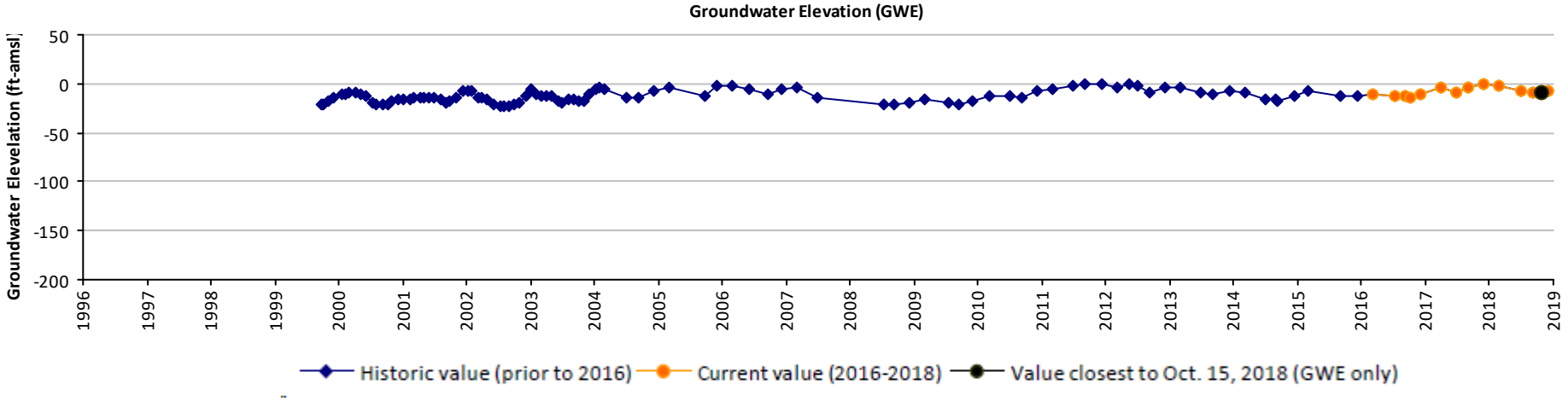
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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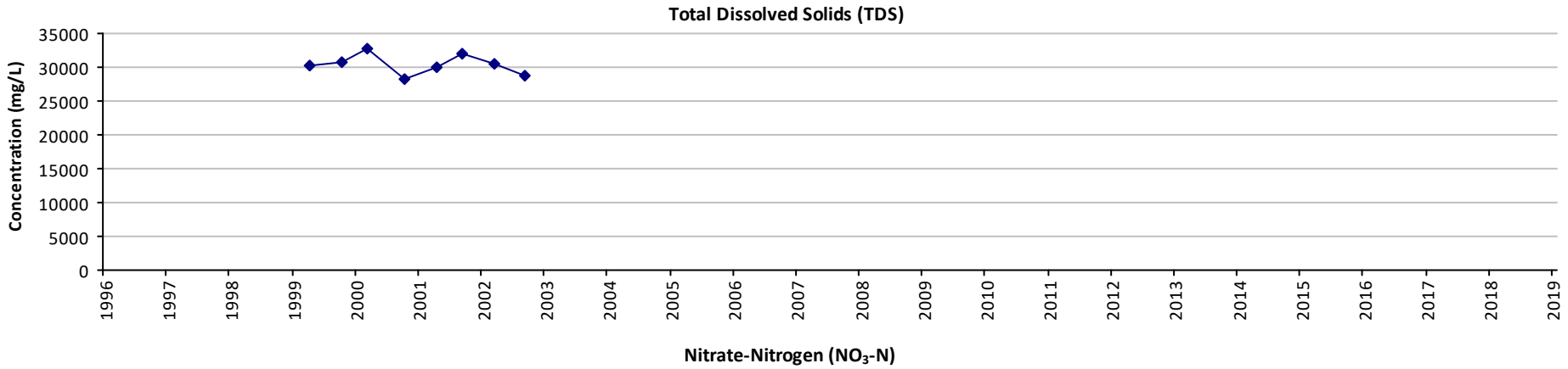
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
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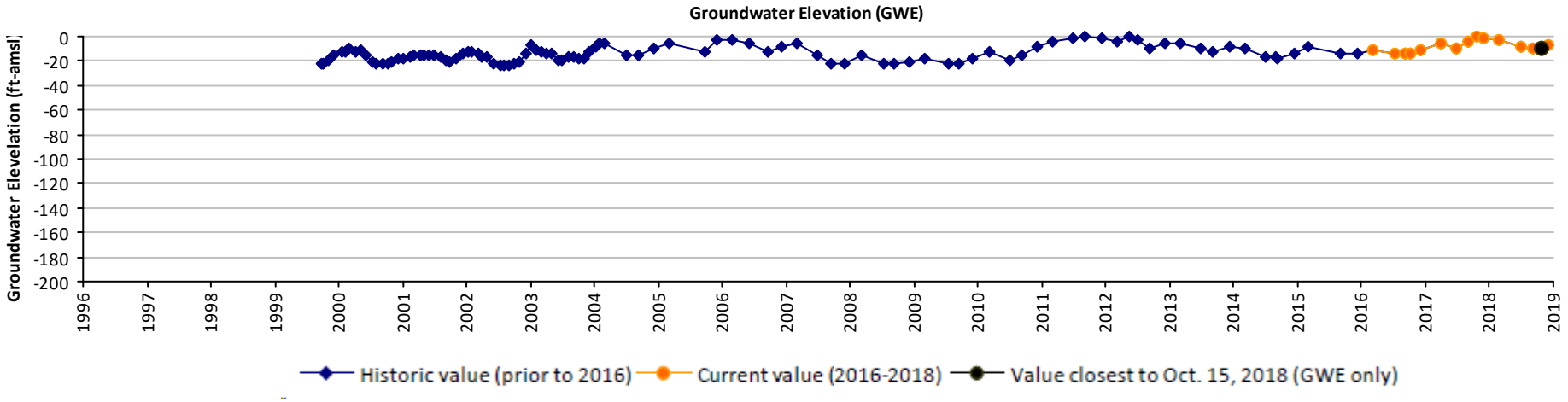
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
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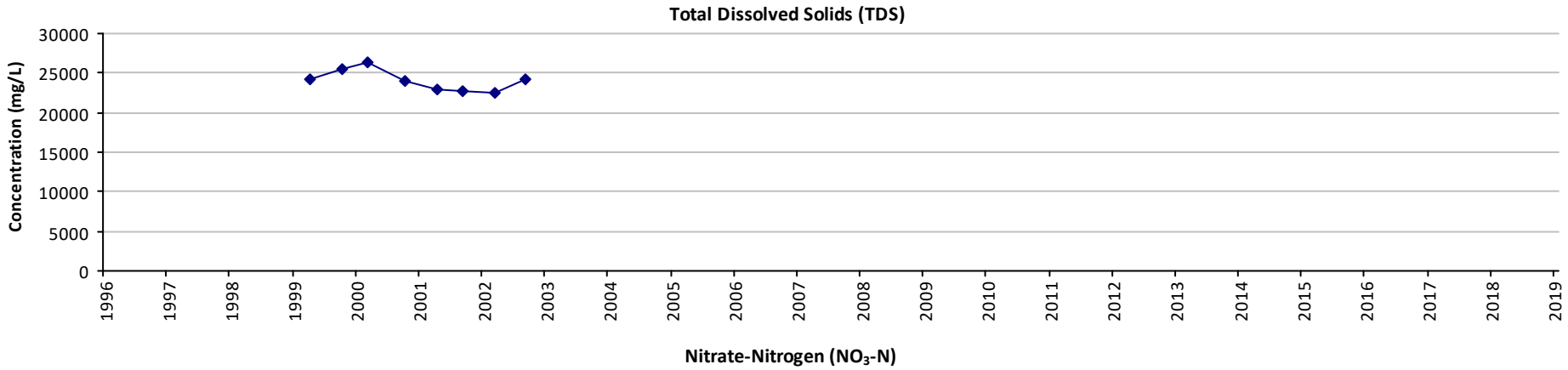
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
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10000
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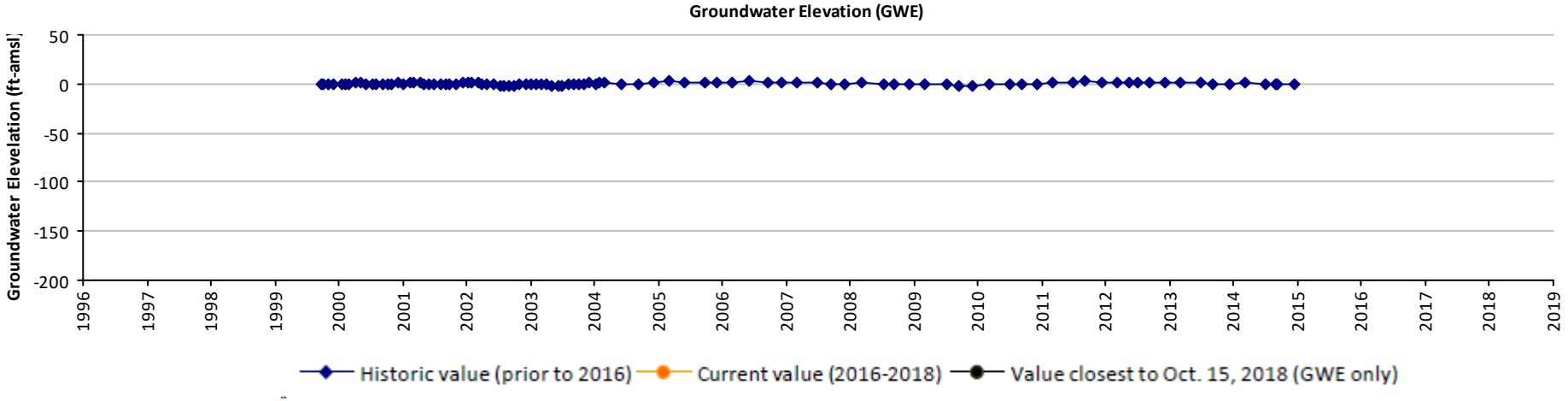
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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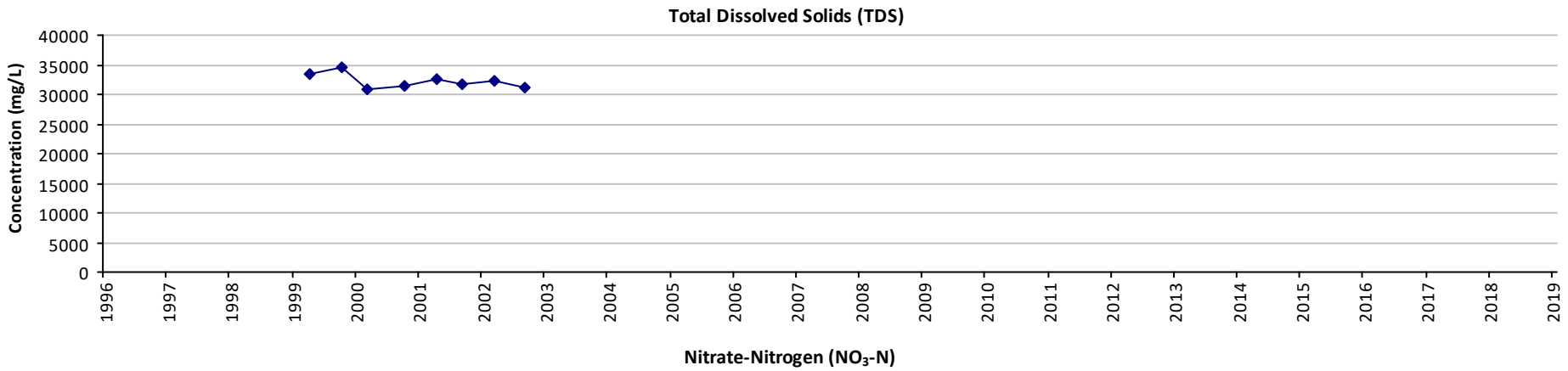
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
40000
35000
30000
25000
20000
15000
10000
5000
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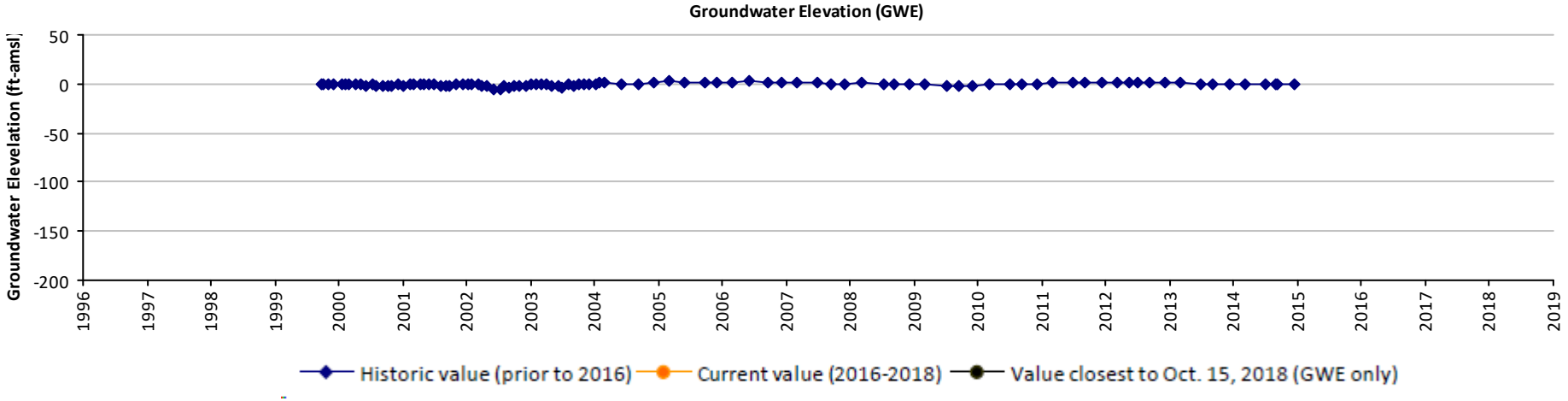
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
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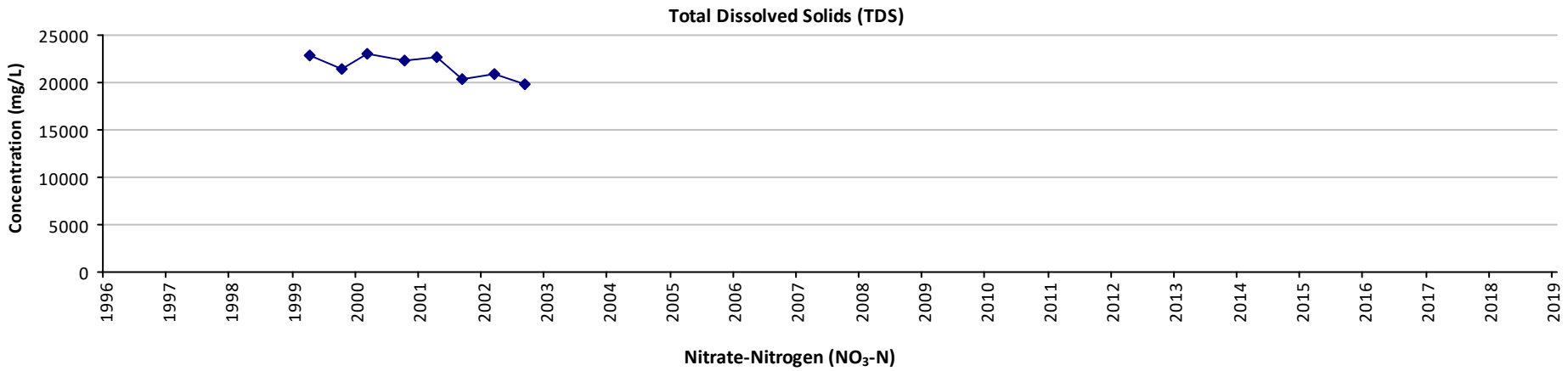
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
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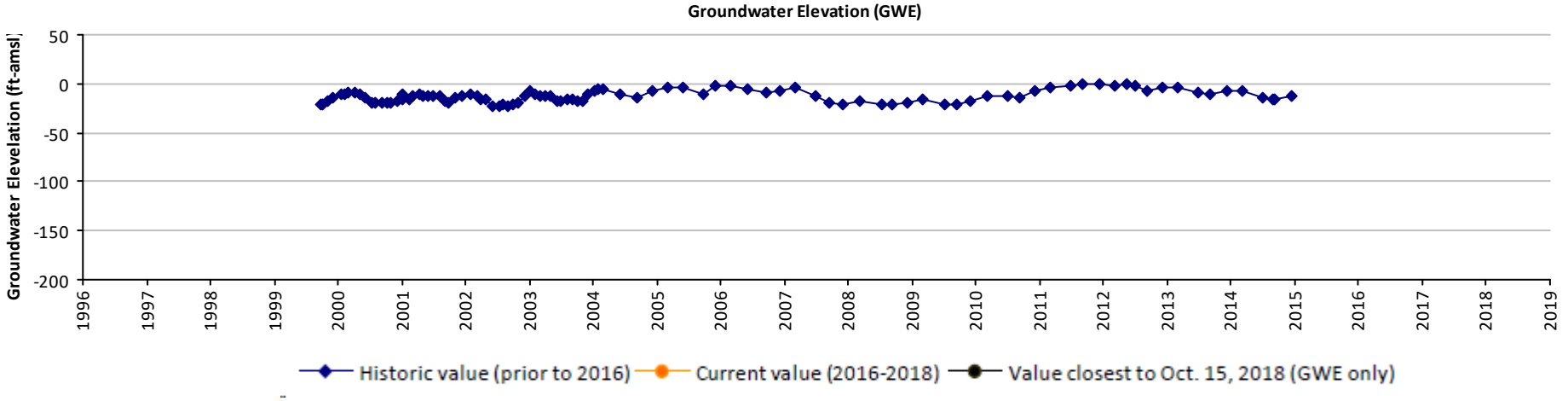
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
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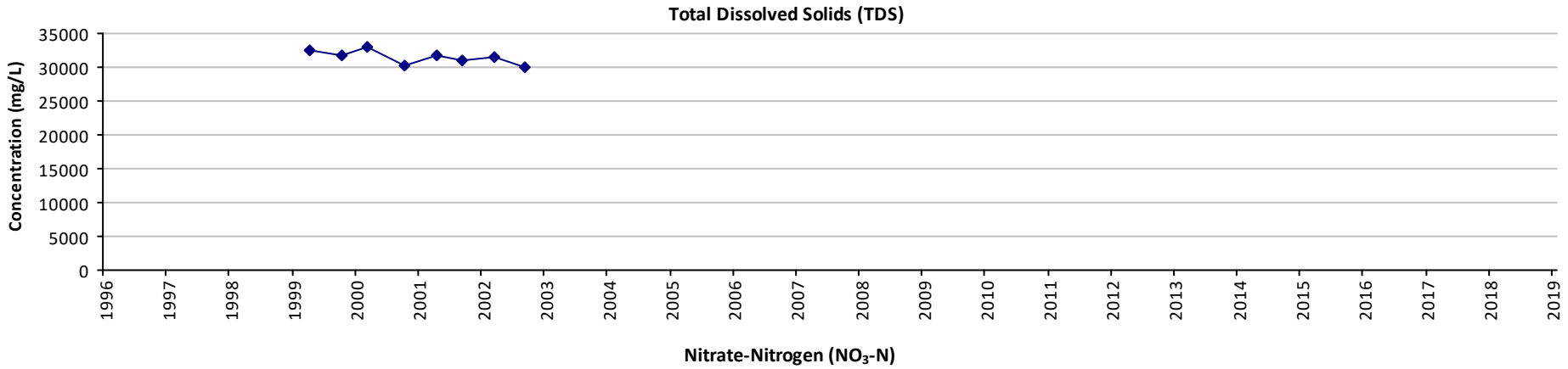
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
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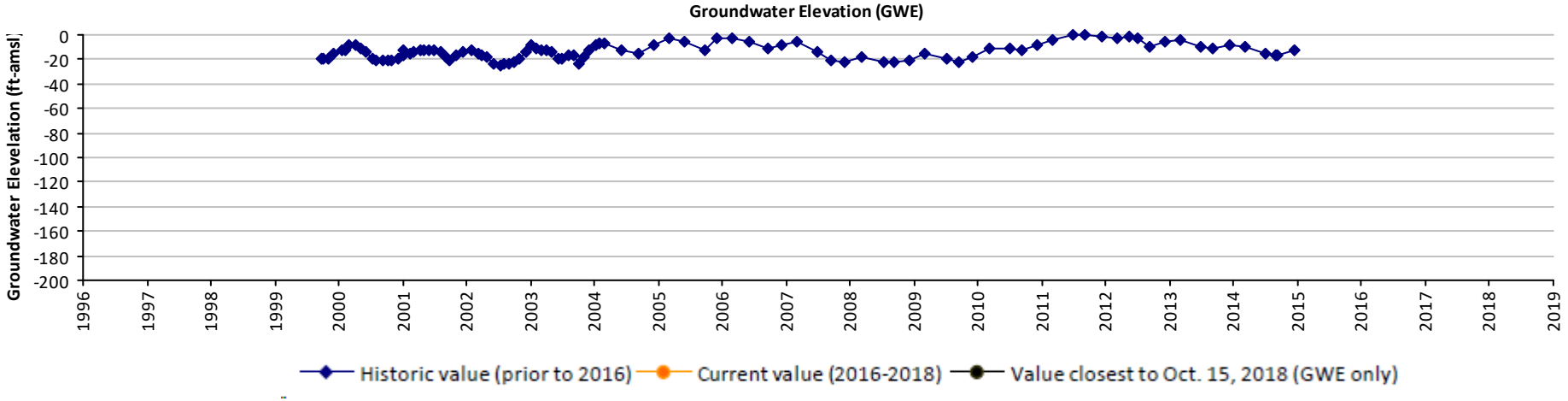
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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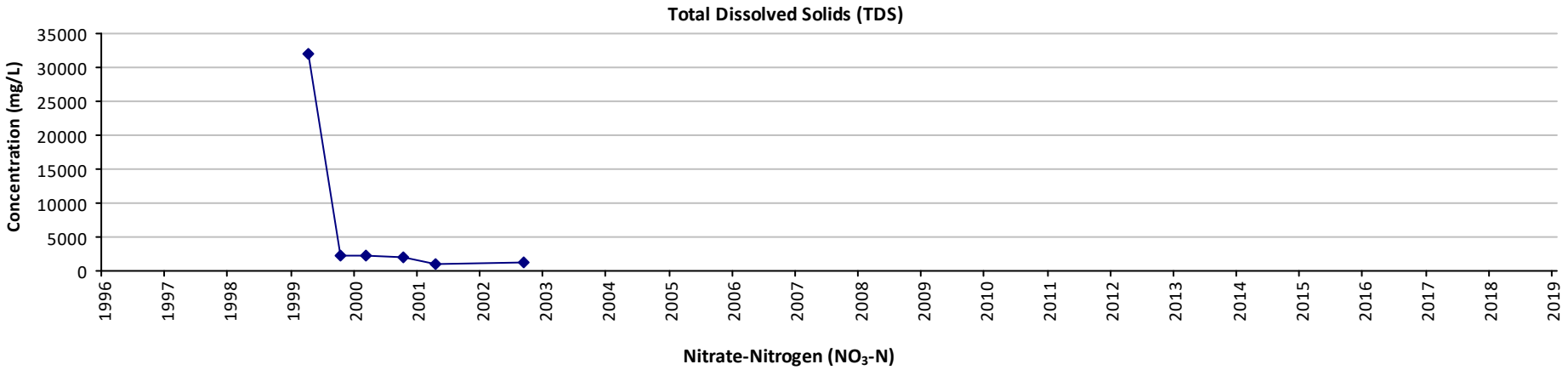
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
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1996
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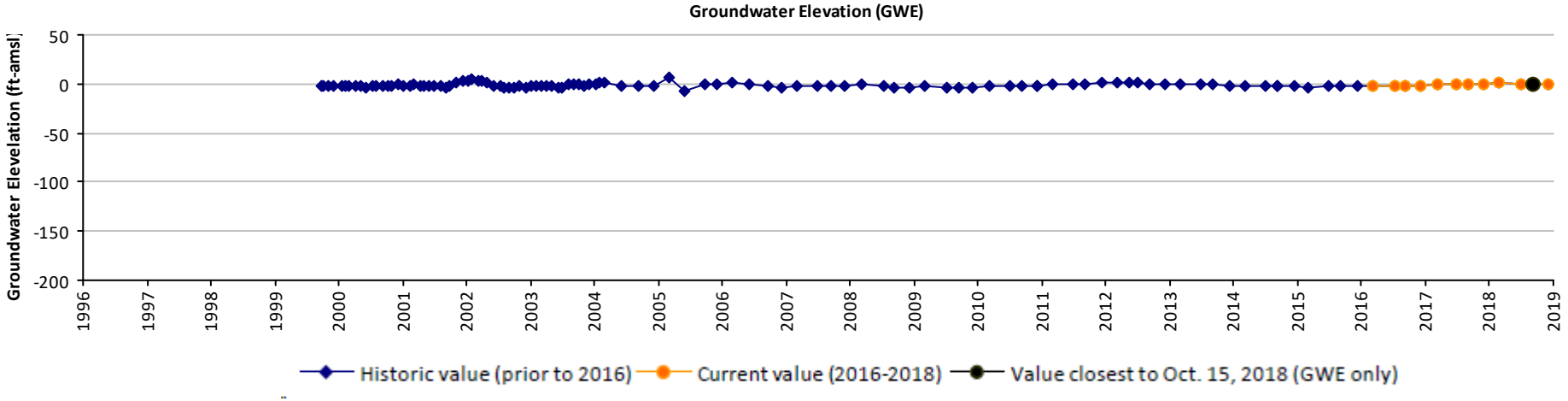
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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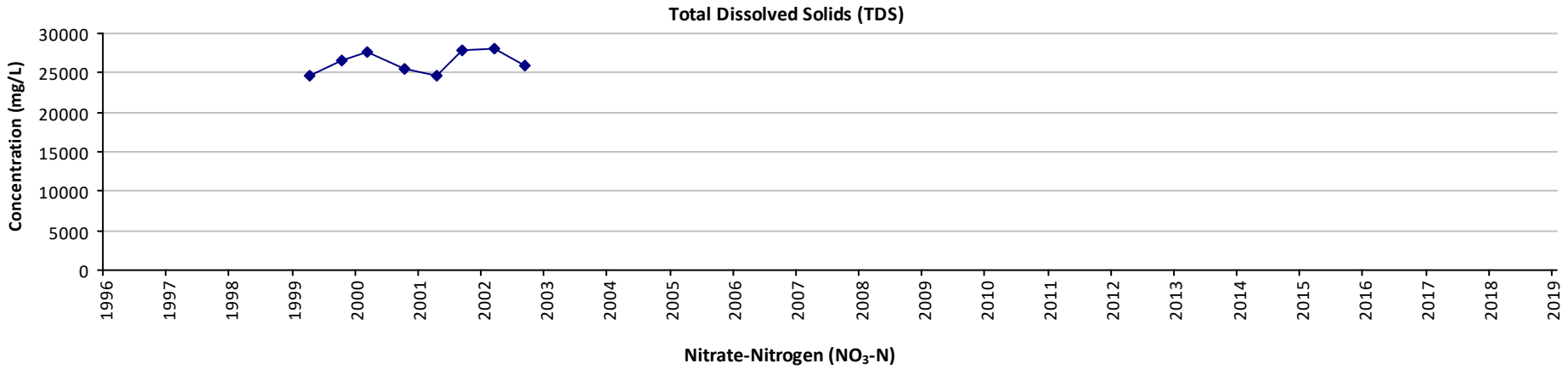
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996
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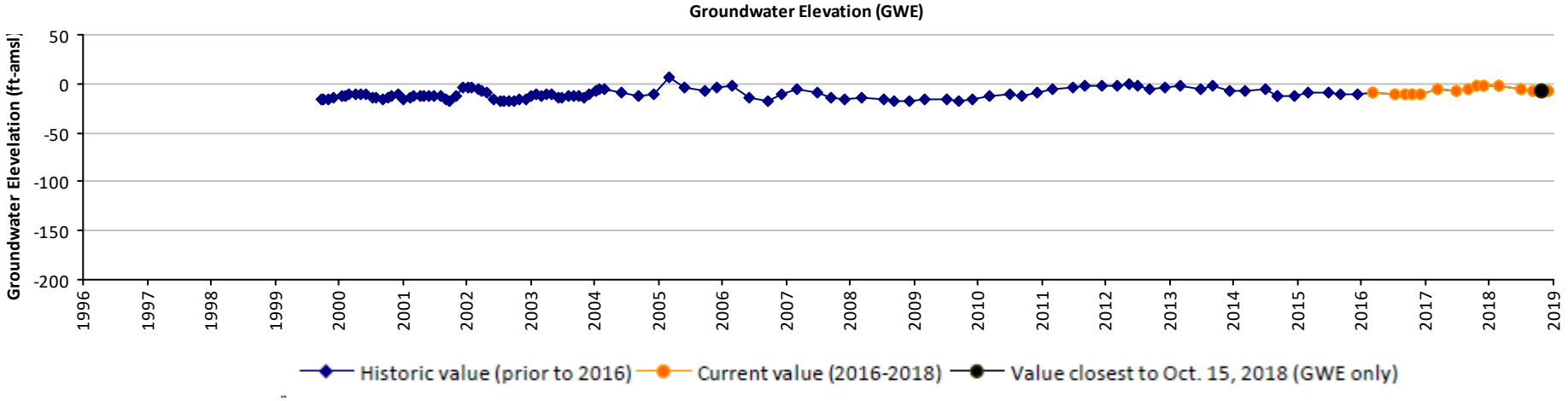
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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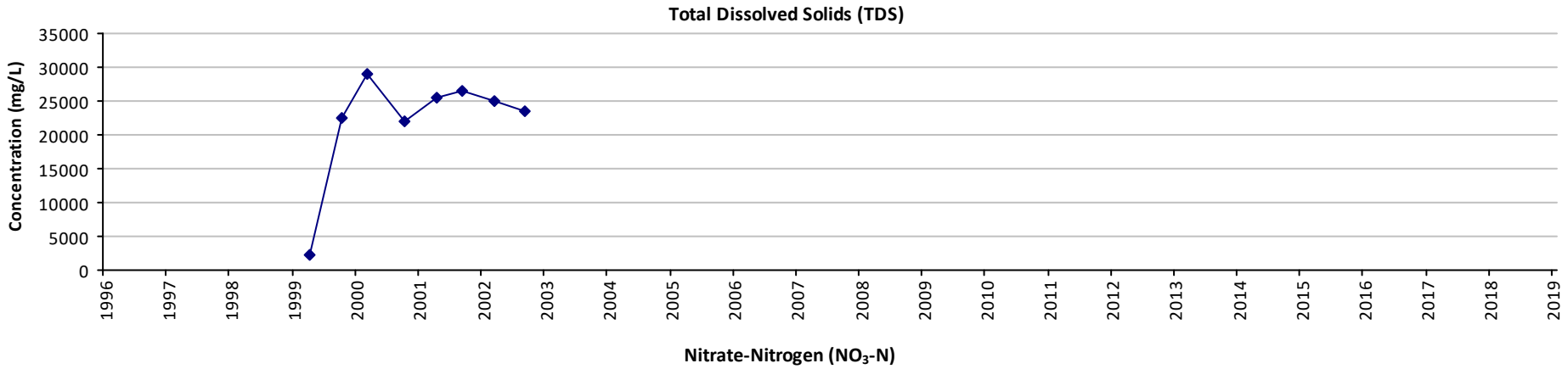
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
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1996
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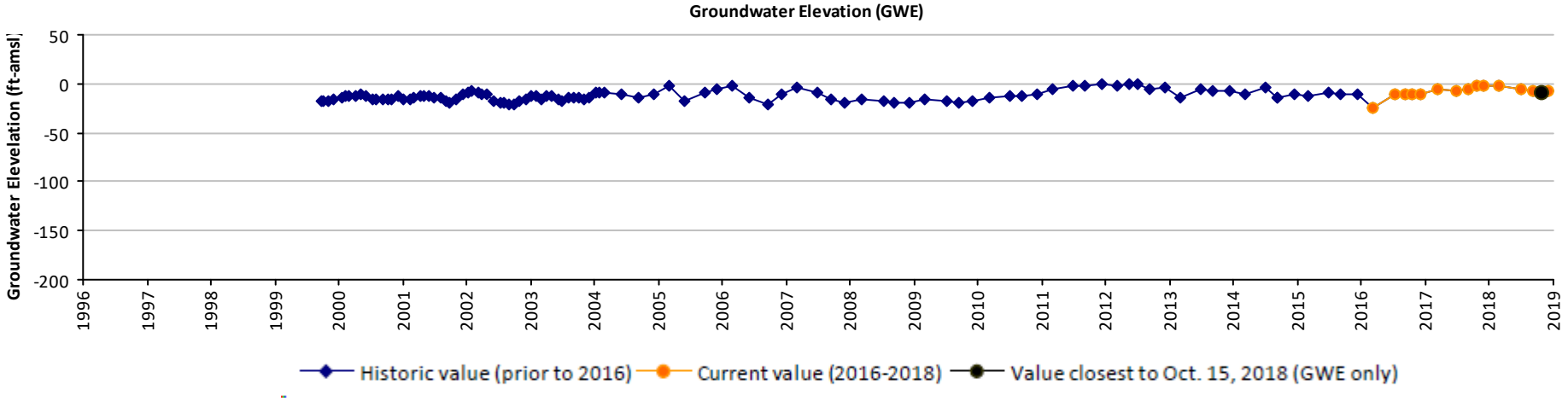
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
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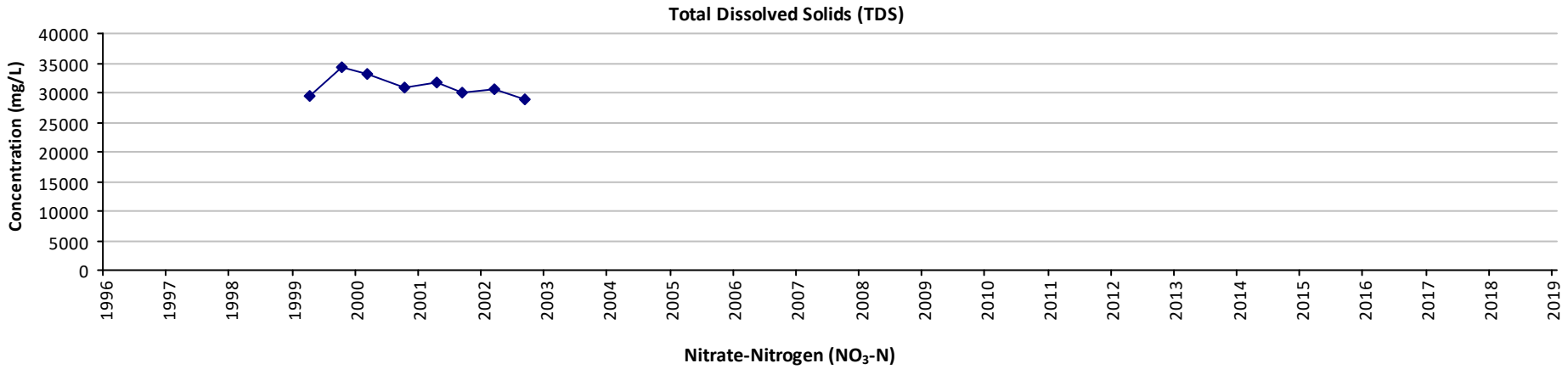
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
1996
1997
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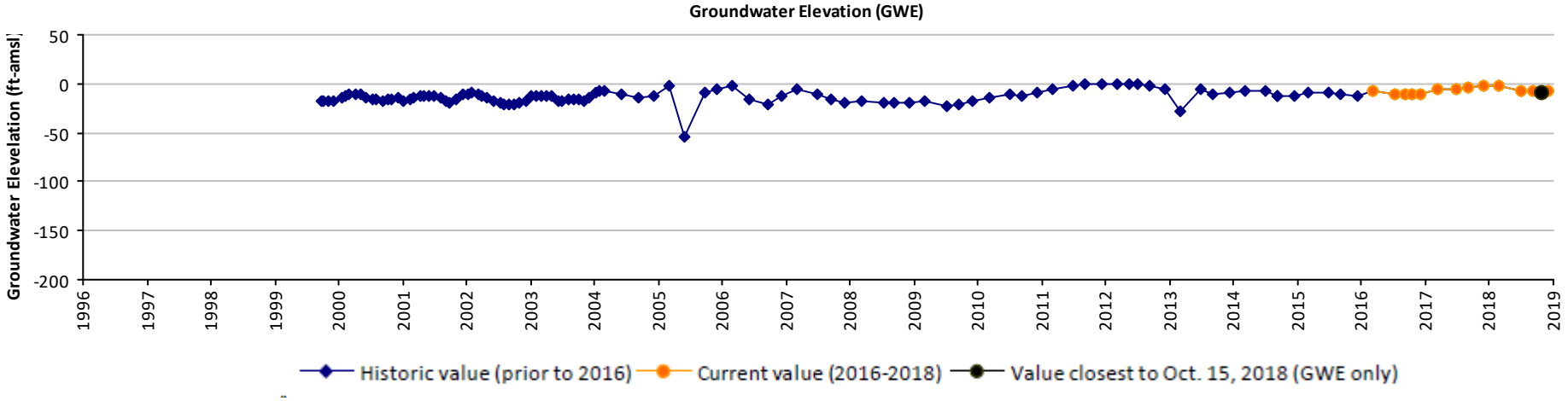
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
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-200
1996
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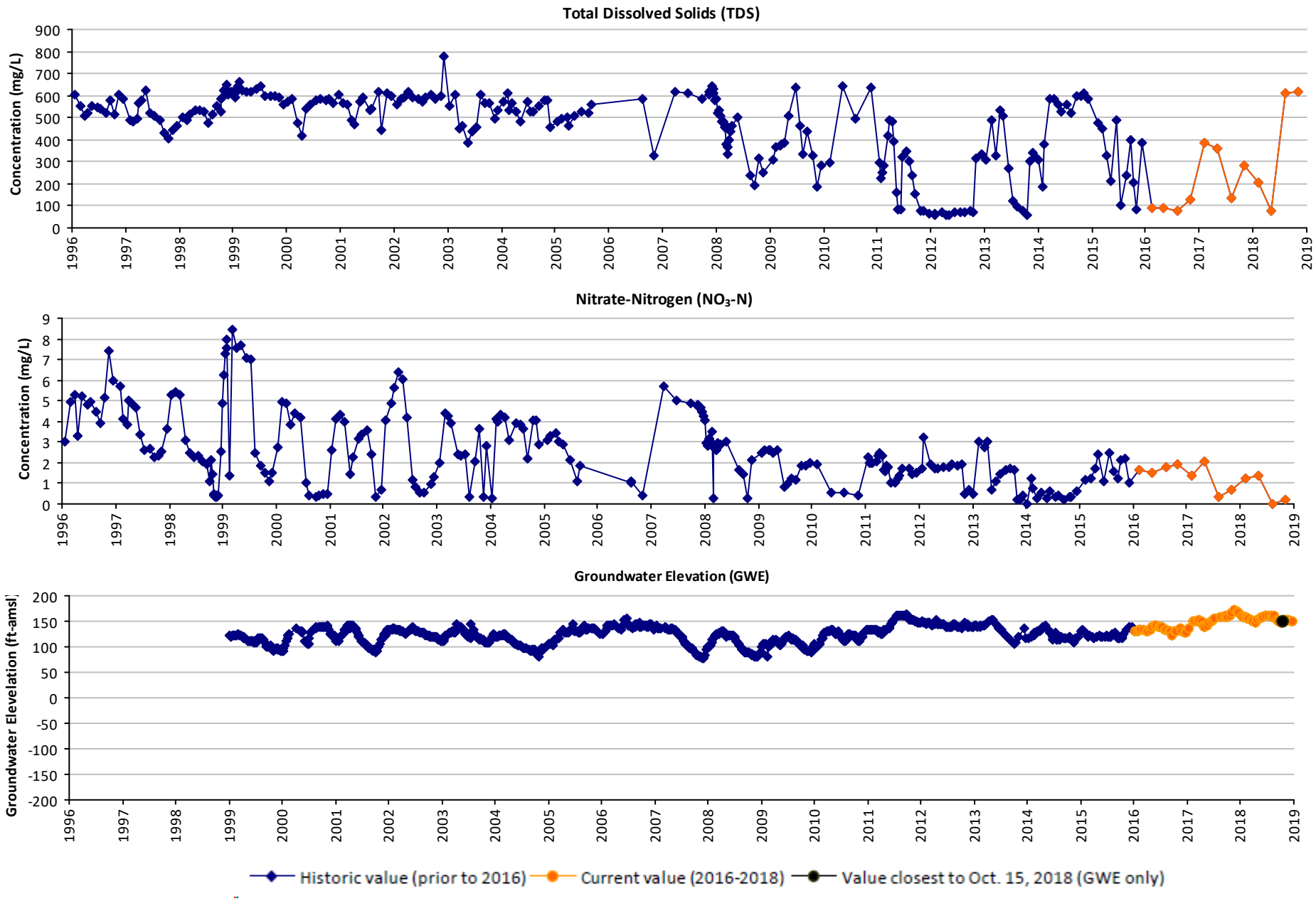
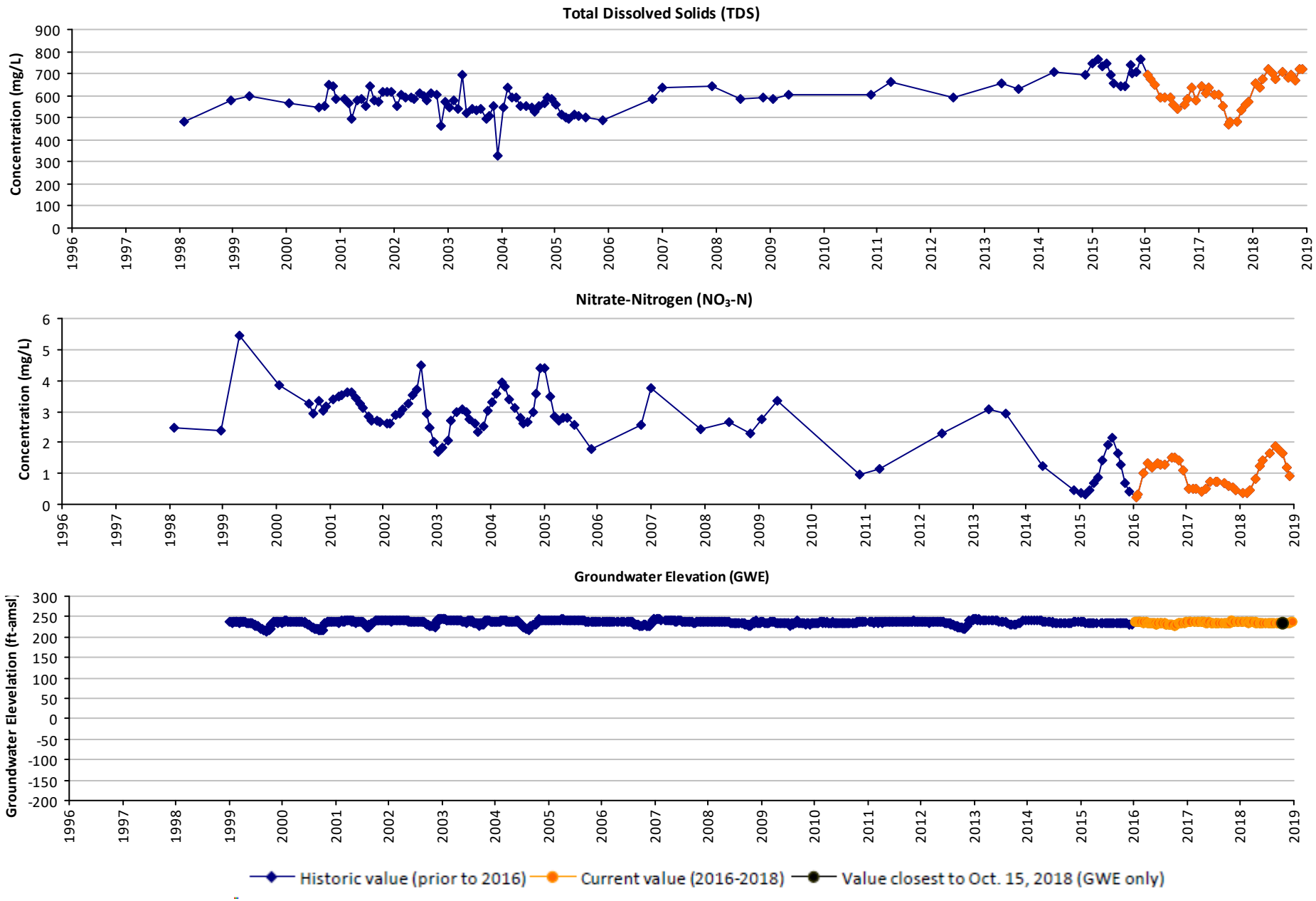
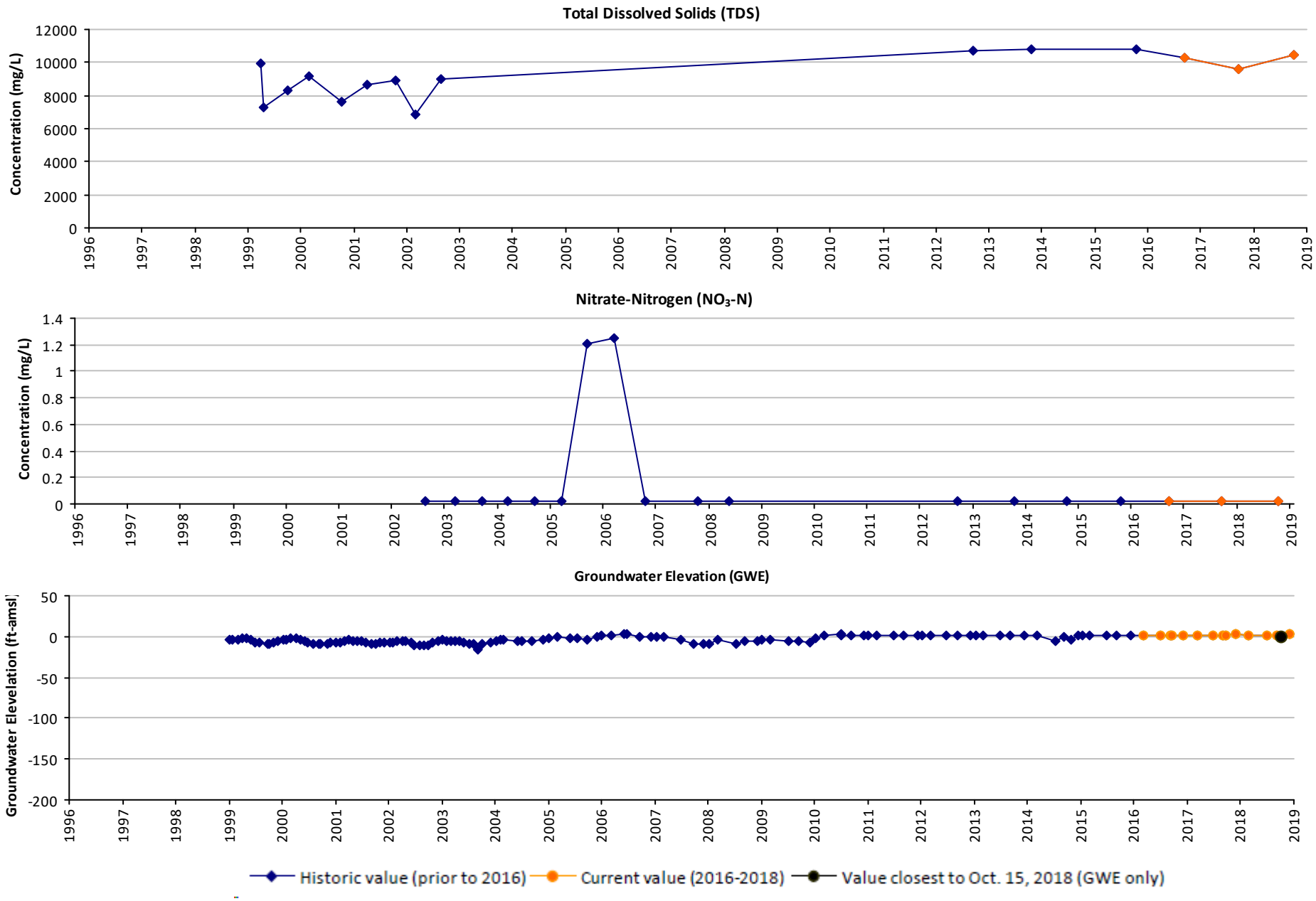
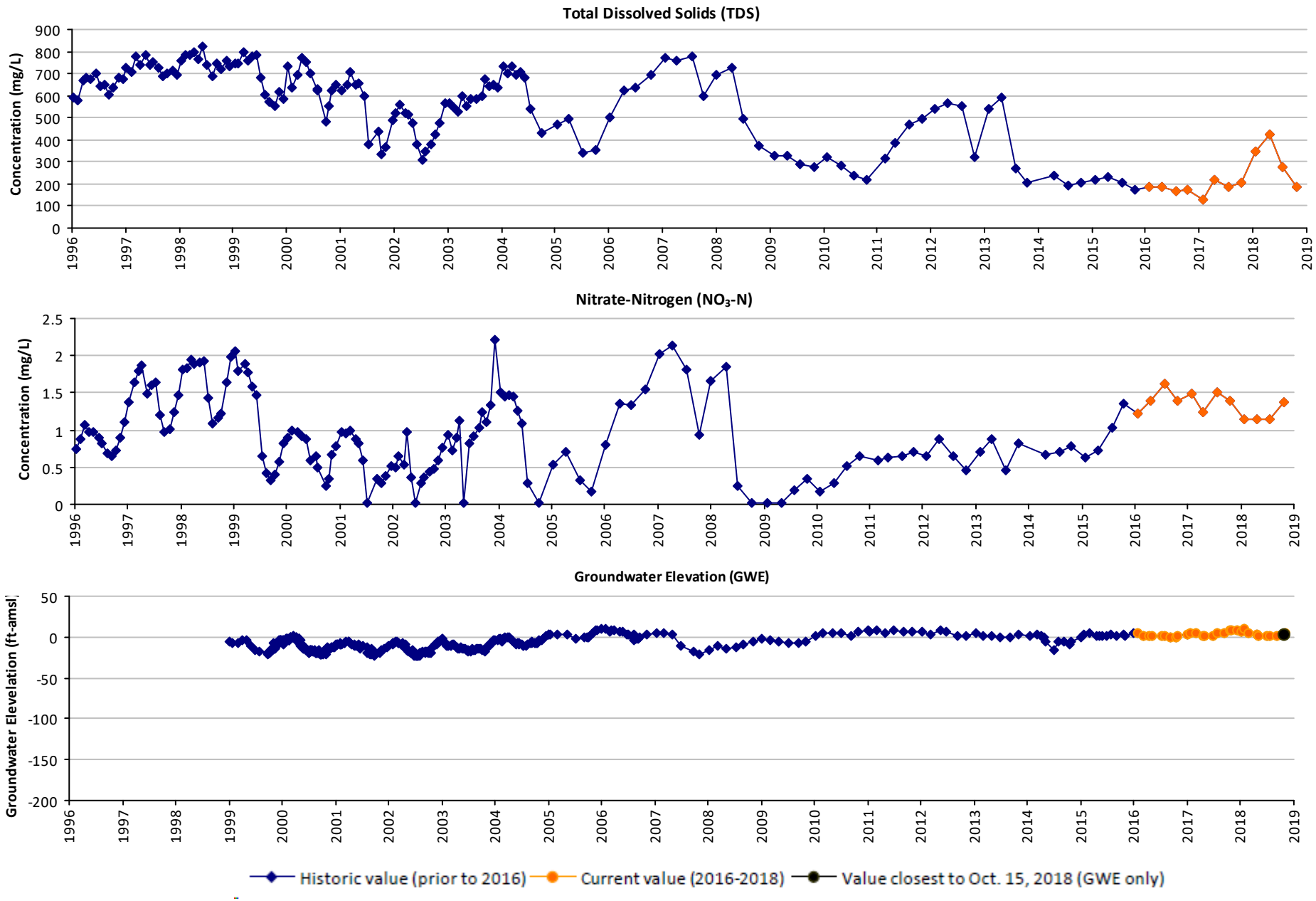
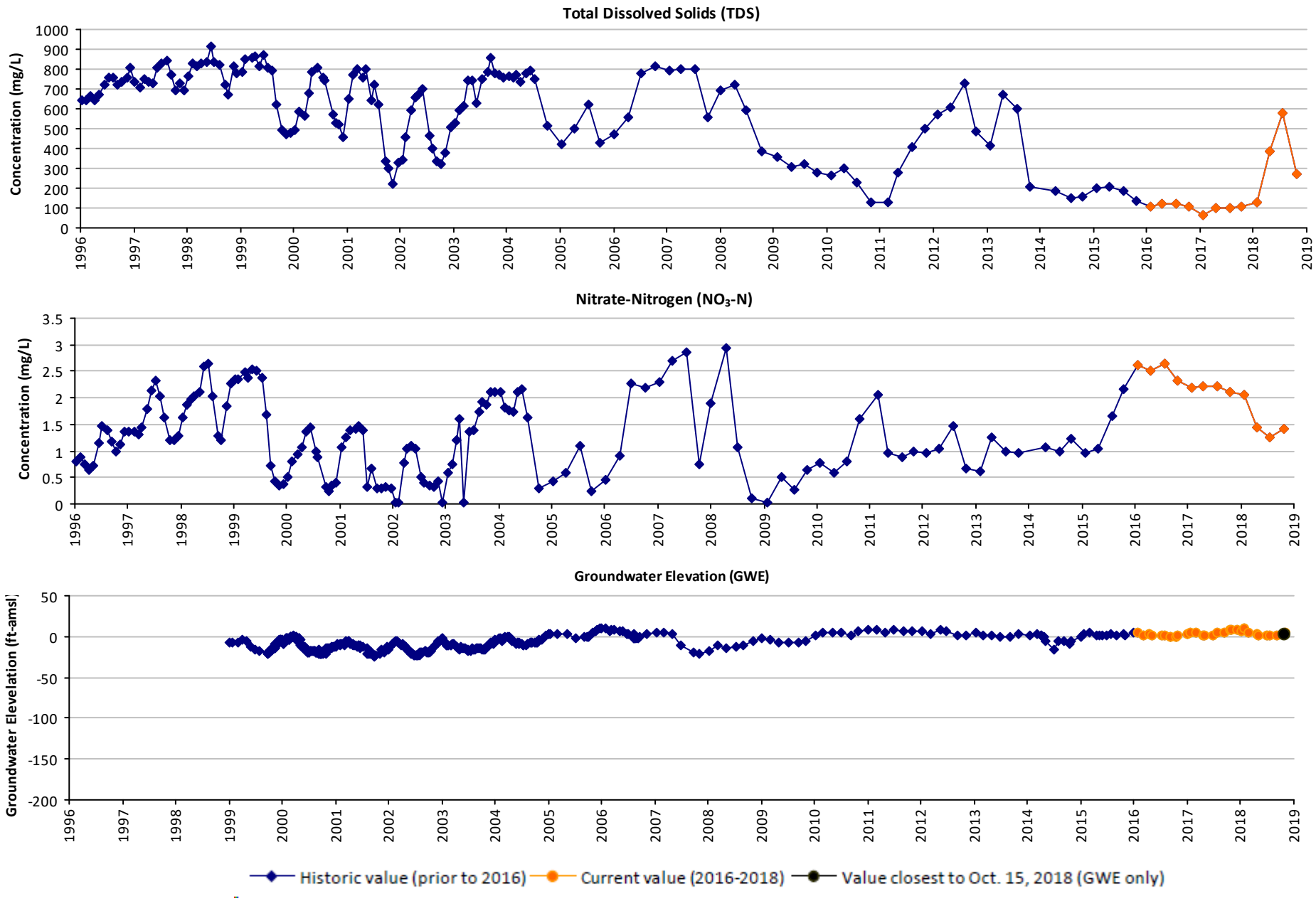
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

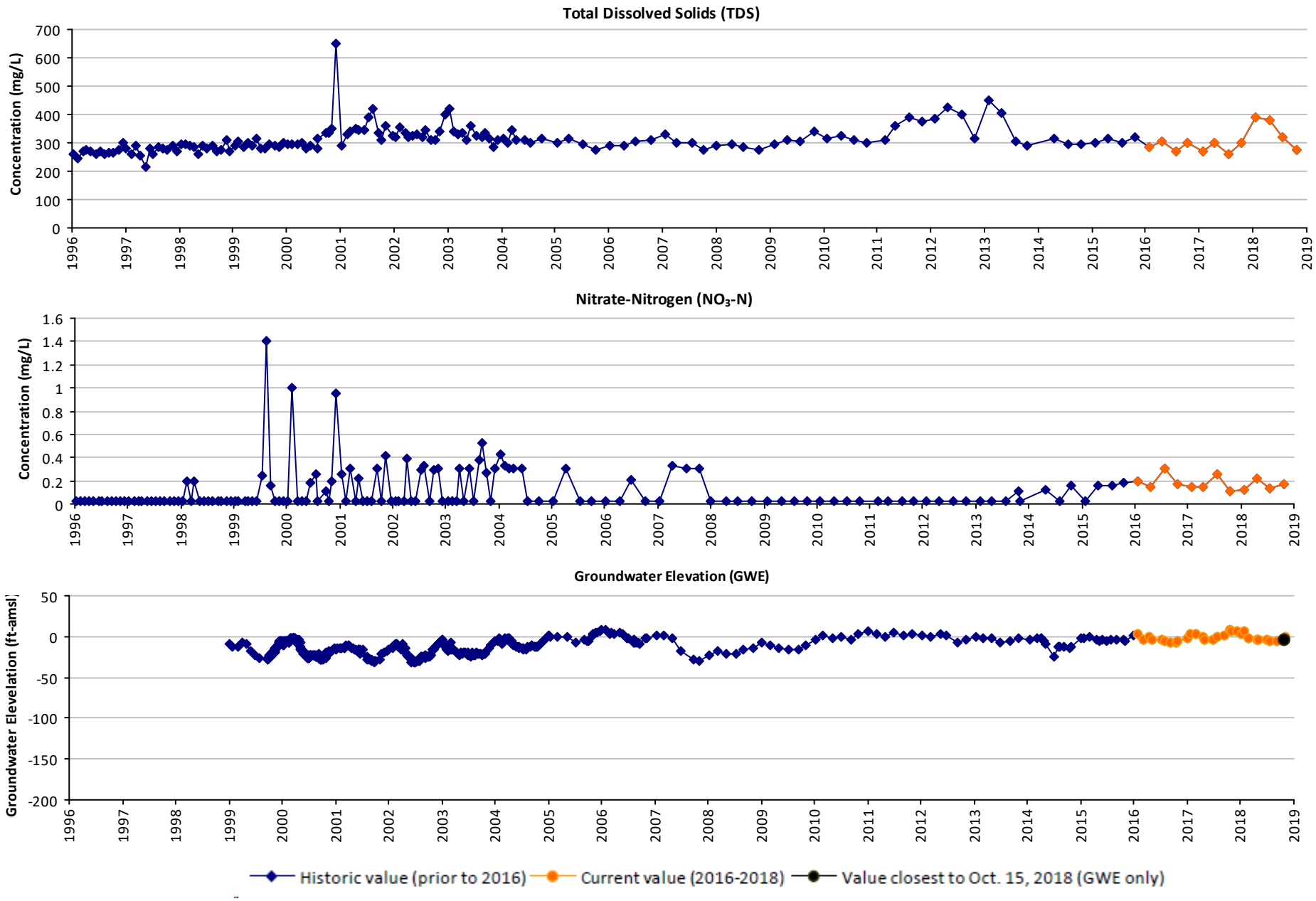

Total Dissolved Solids (TDS)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

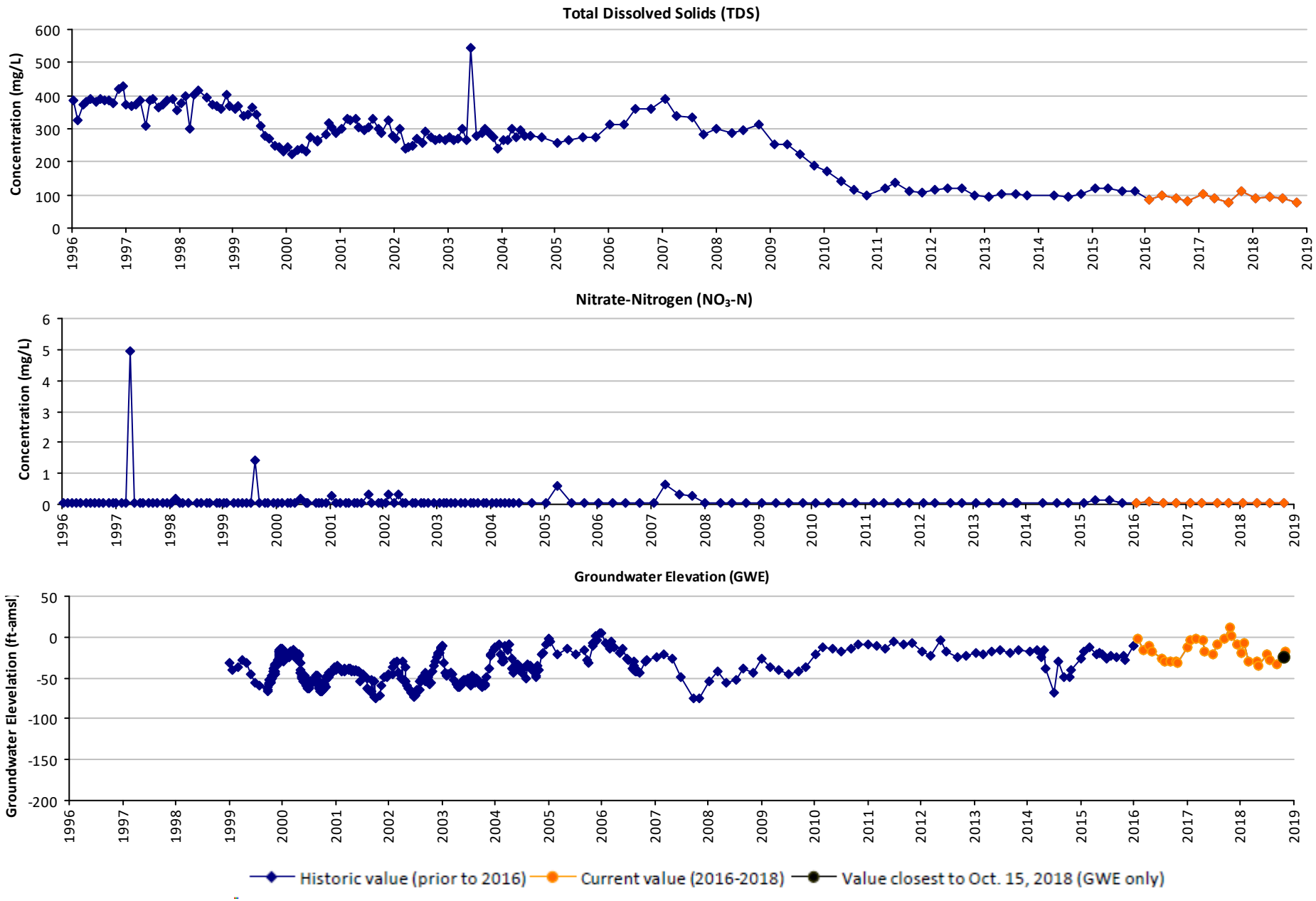

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

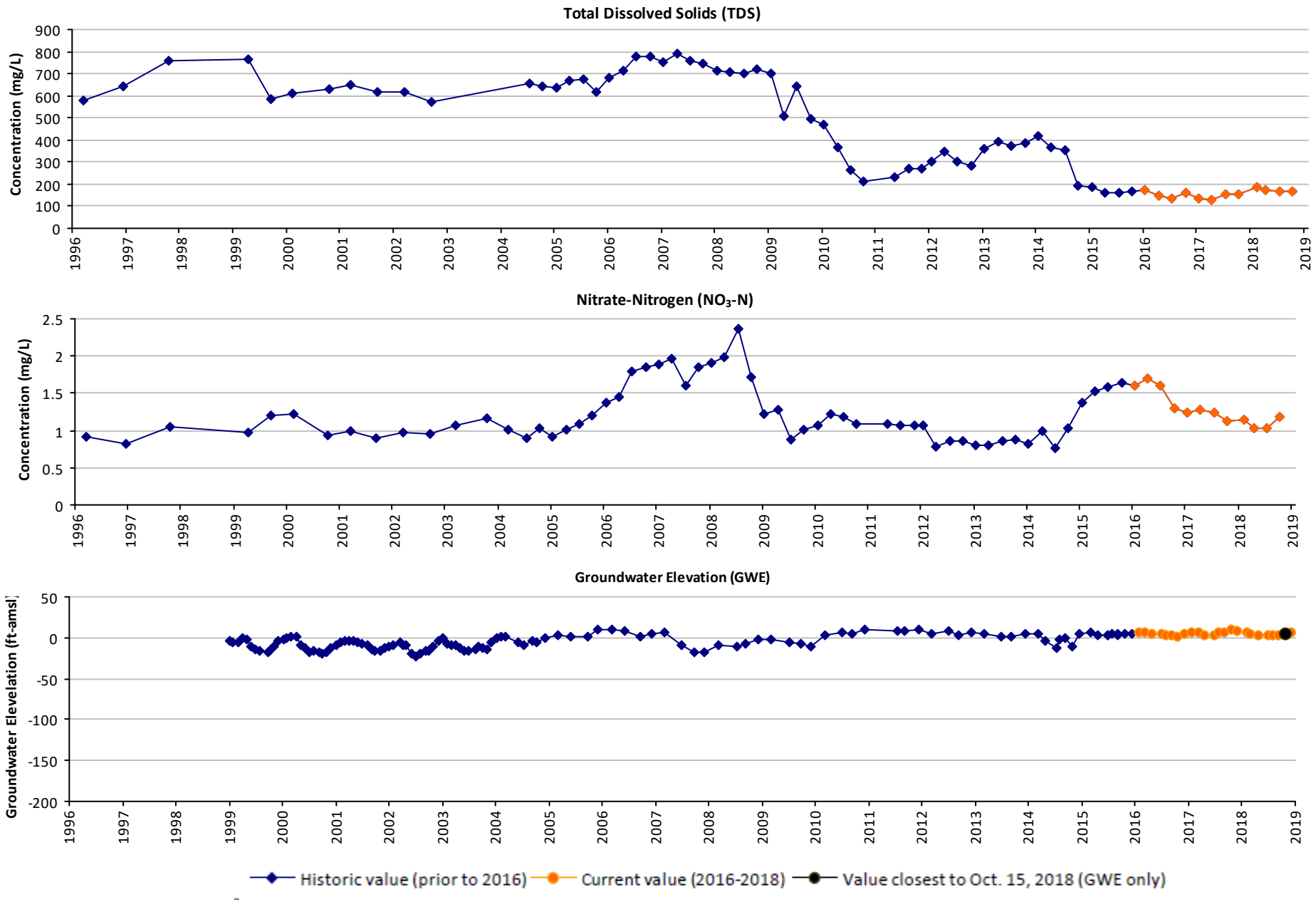

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1214370
Management Zone: Orange County

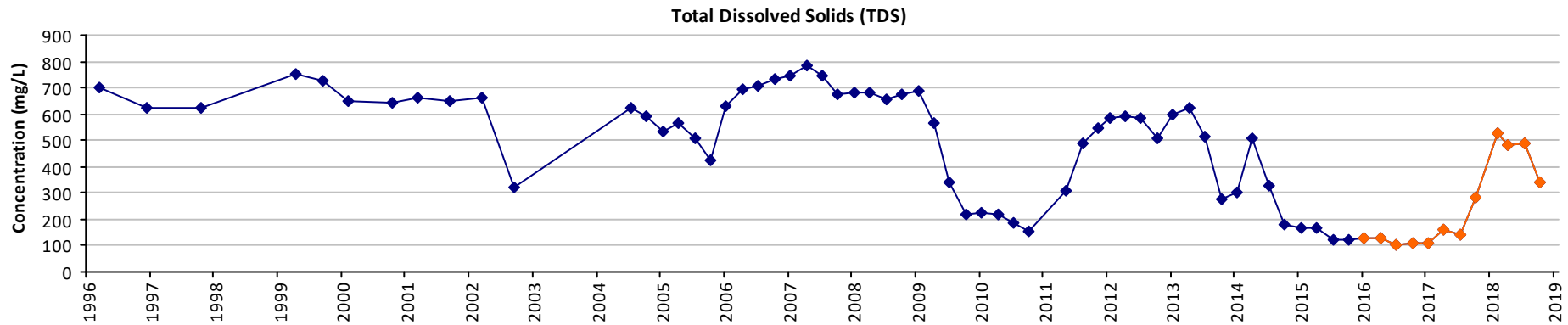


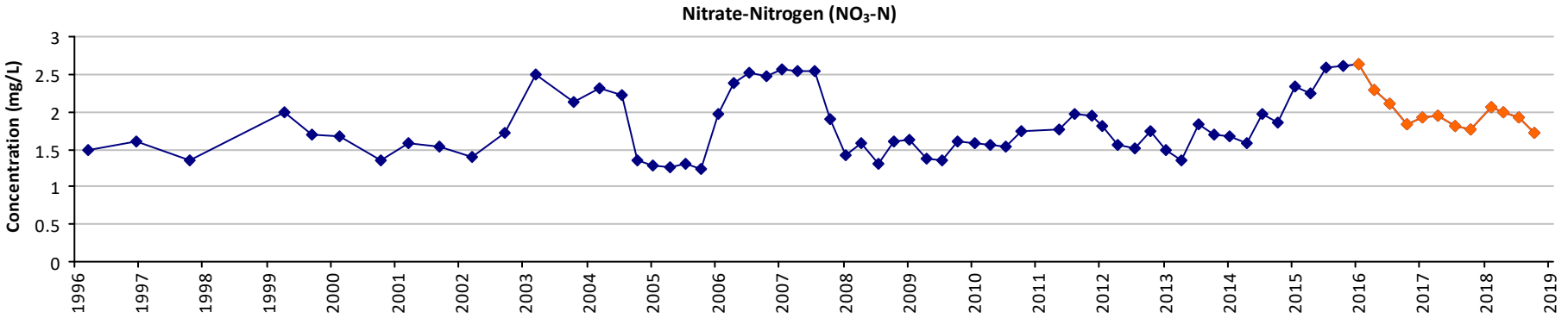

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

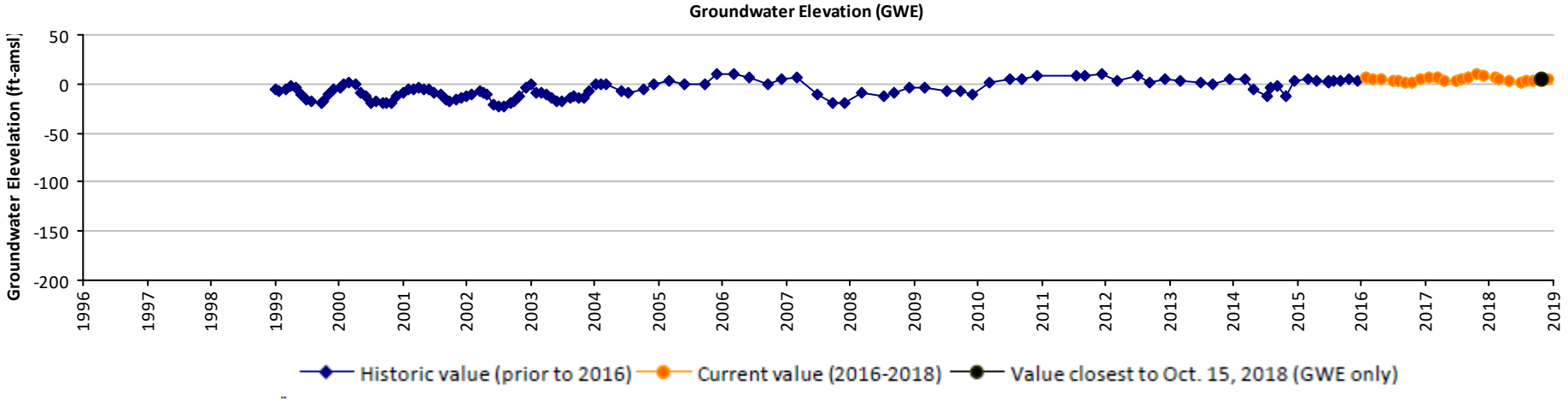

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

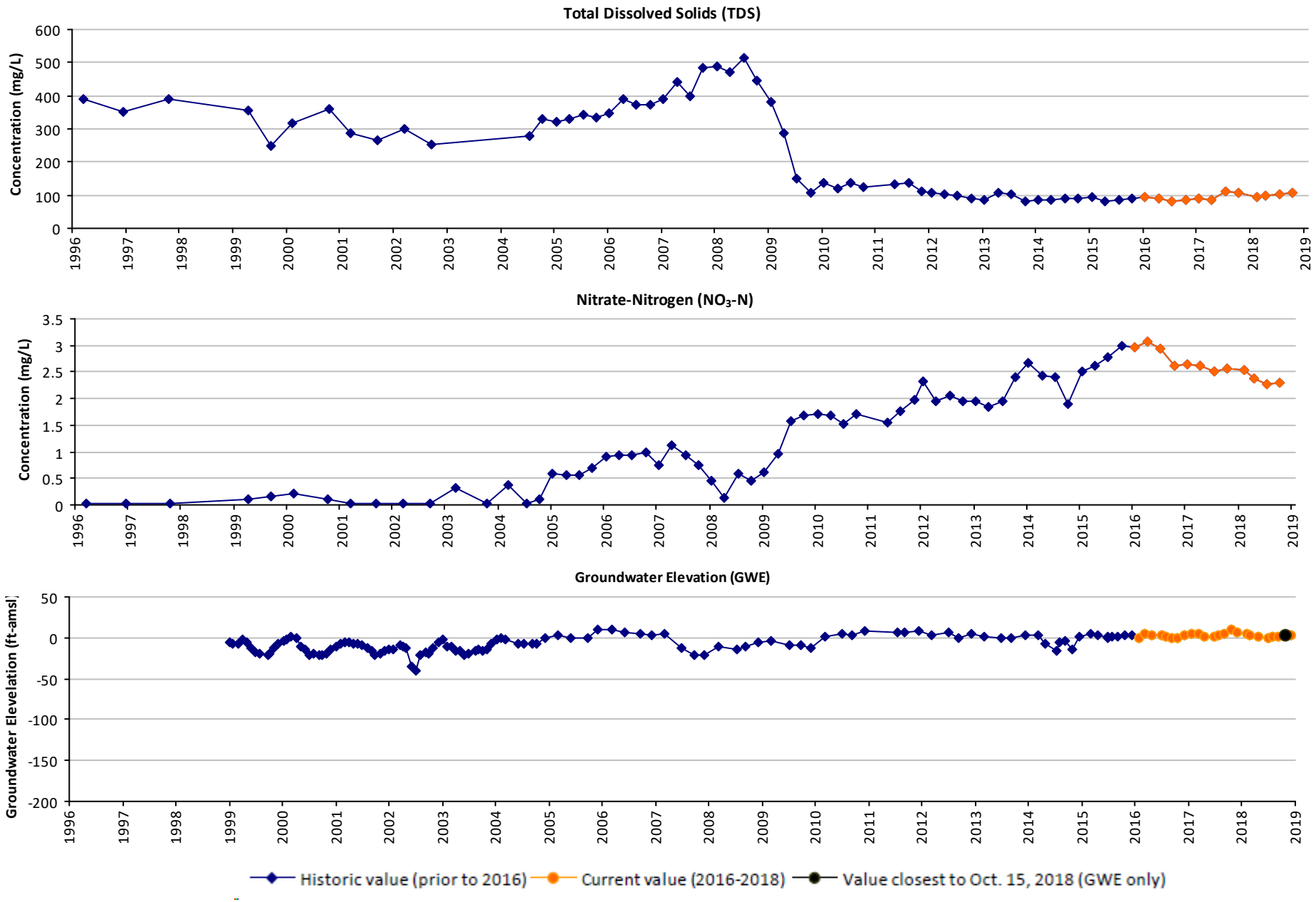
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

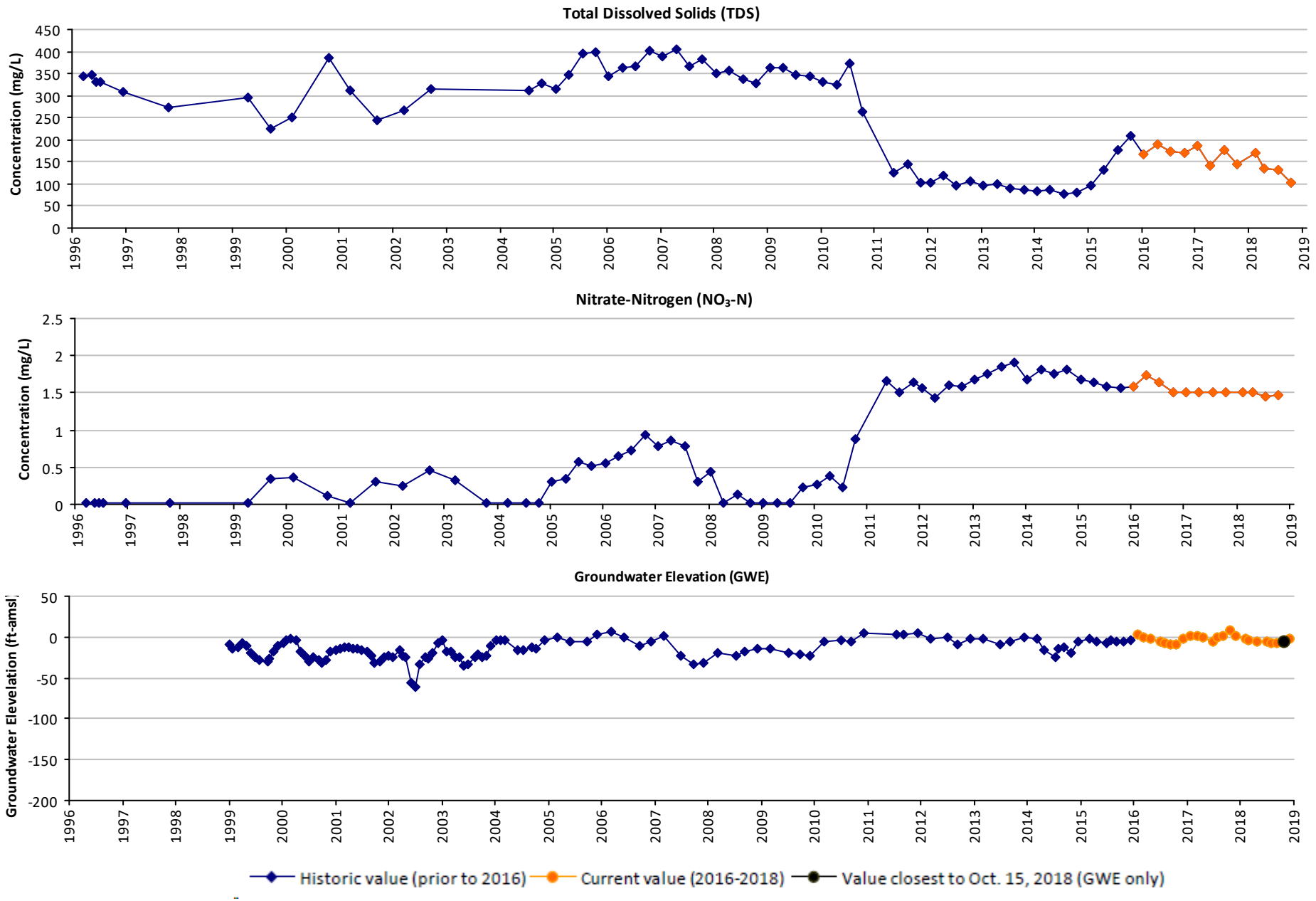
Well ID: 1214373
Management Zone: Orange County

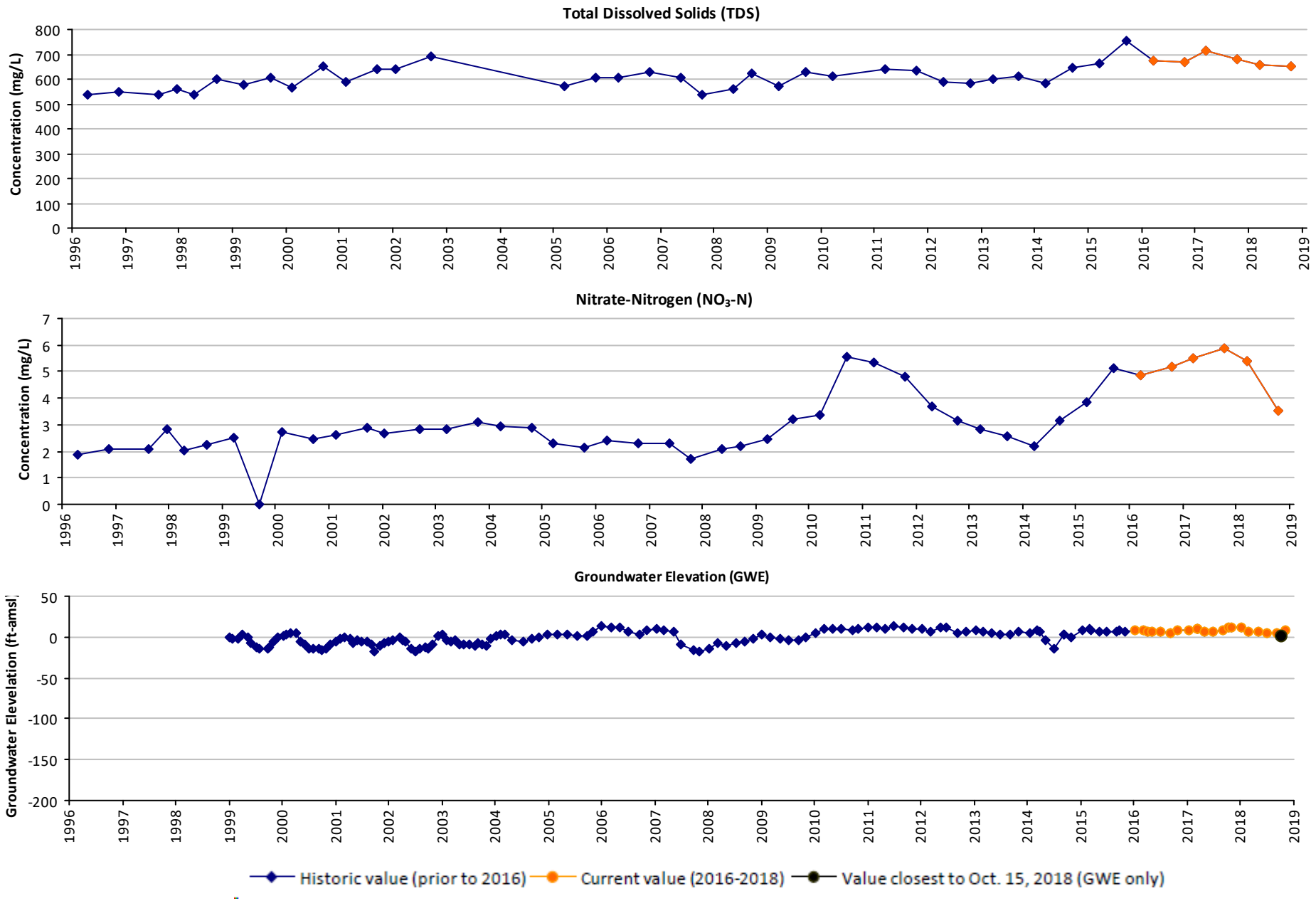


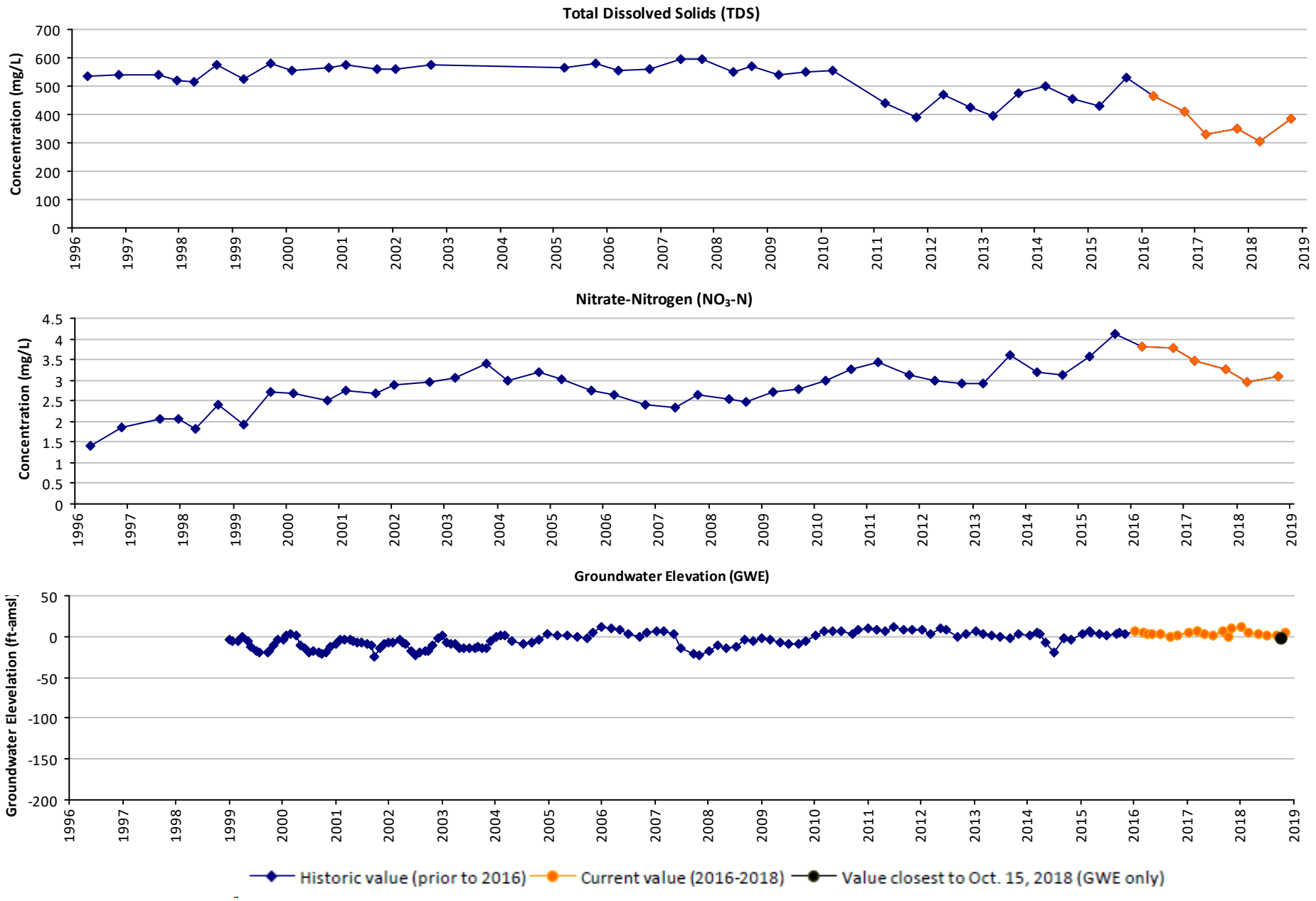


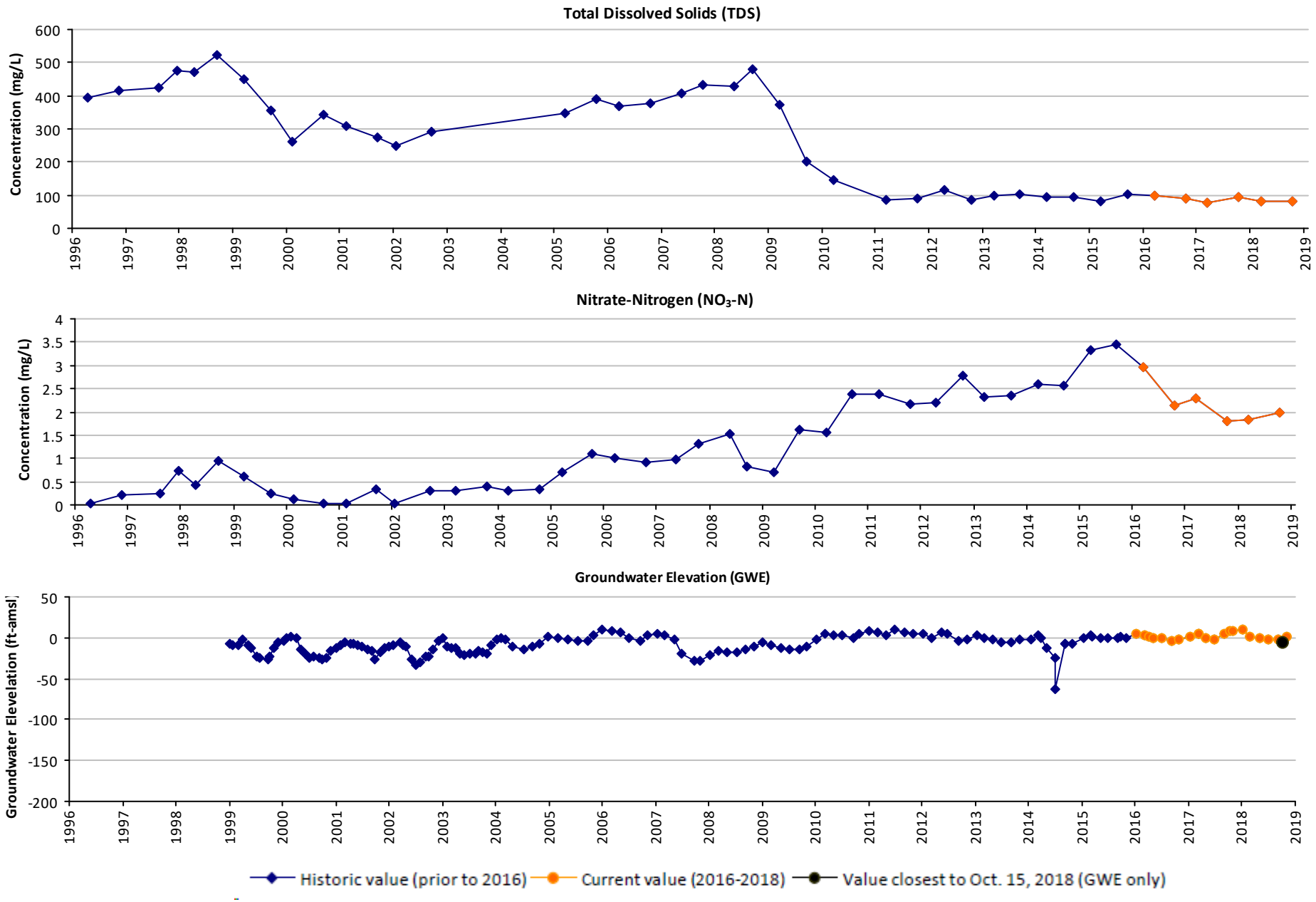


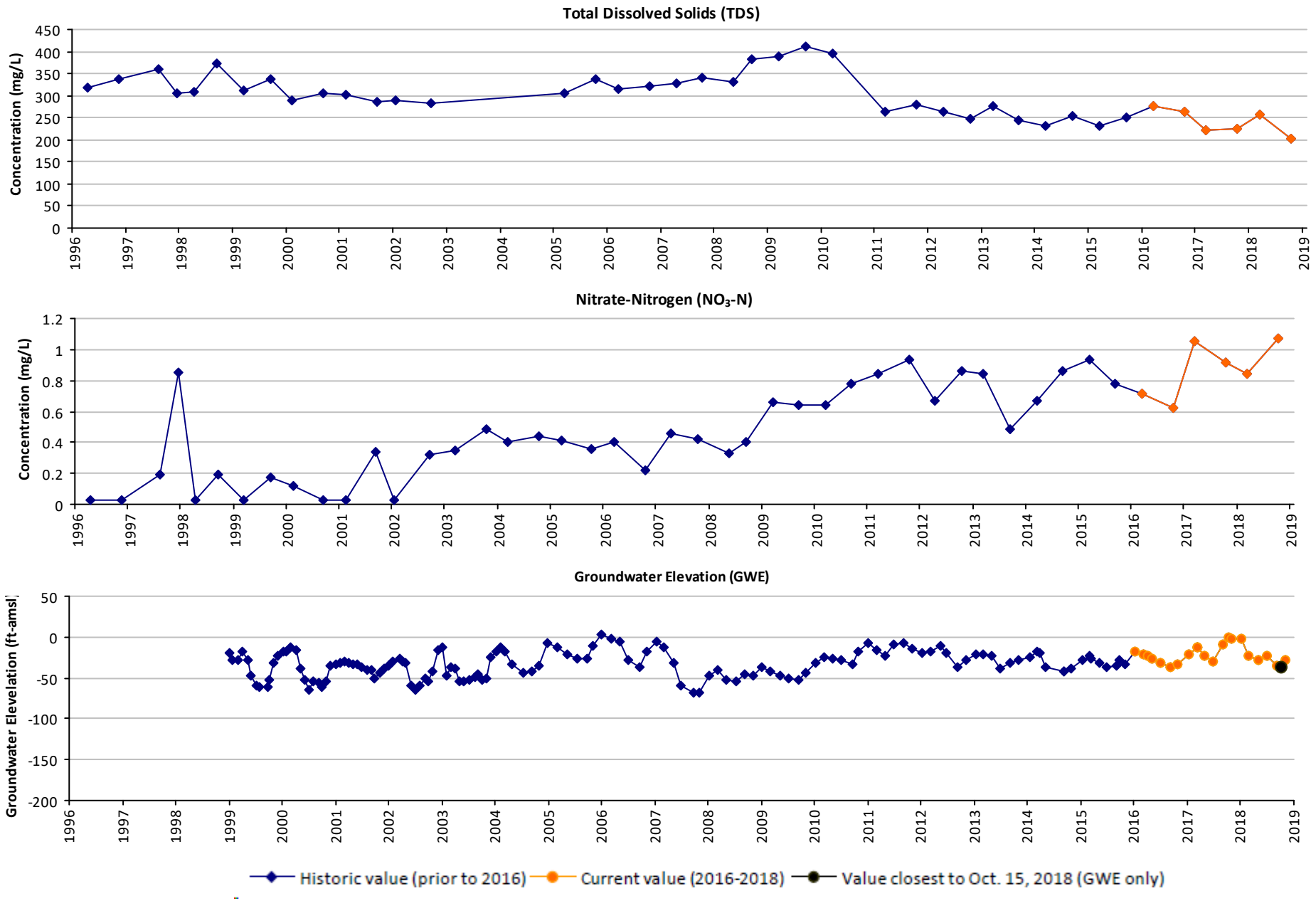

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

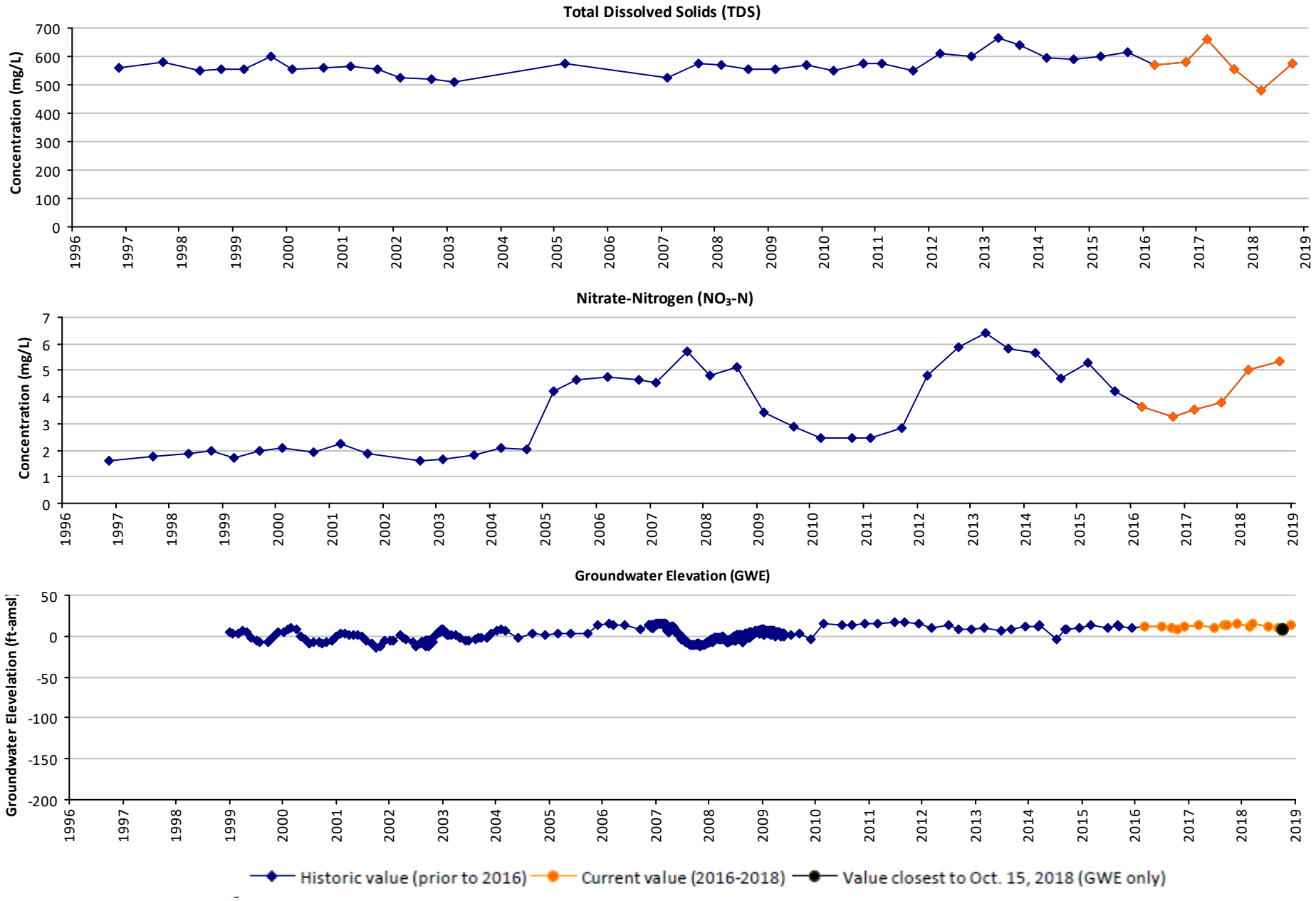

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

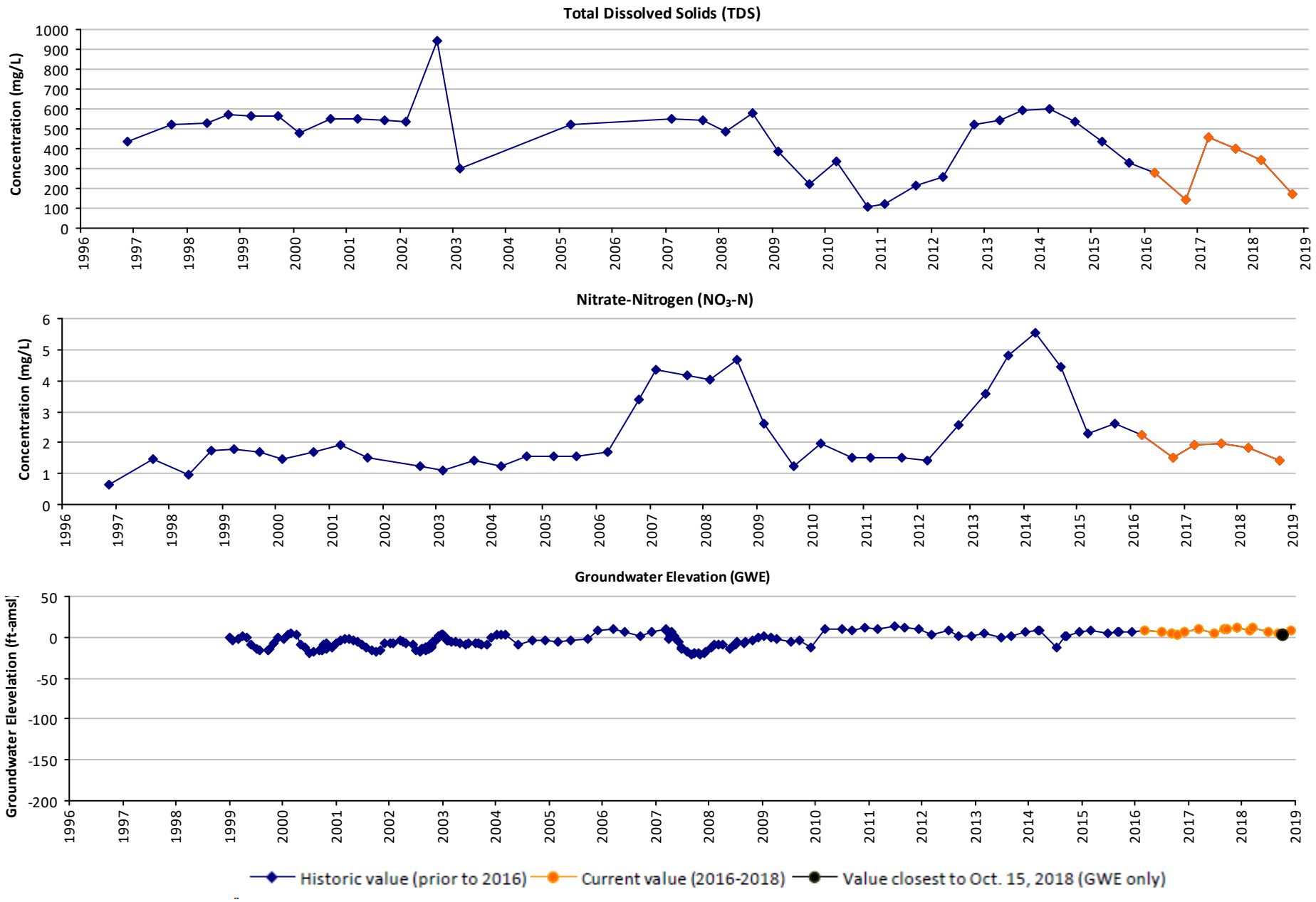

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

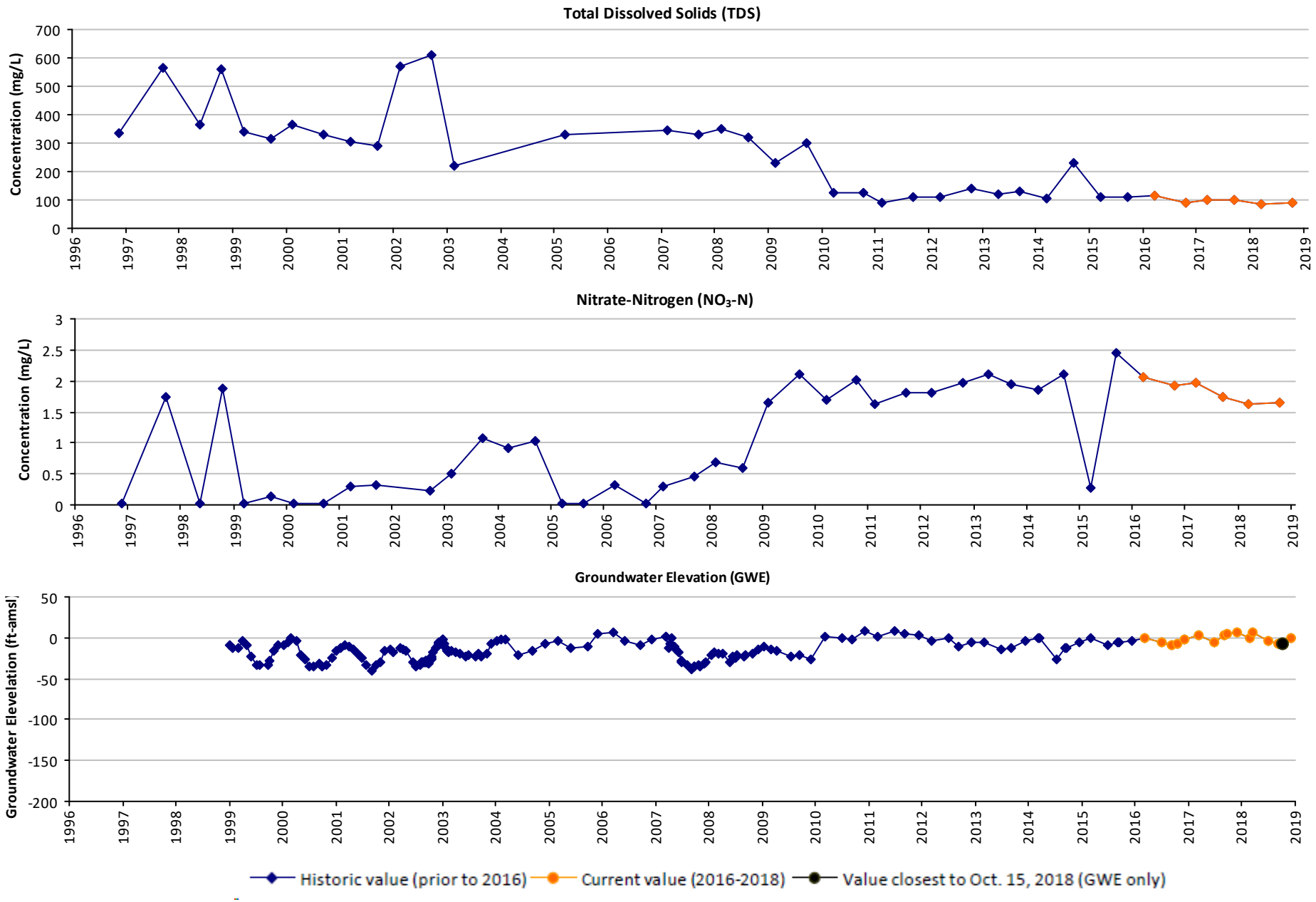

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

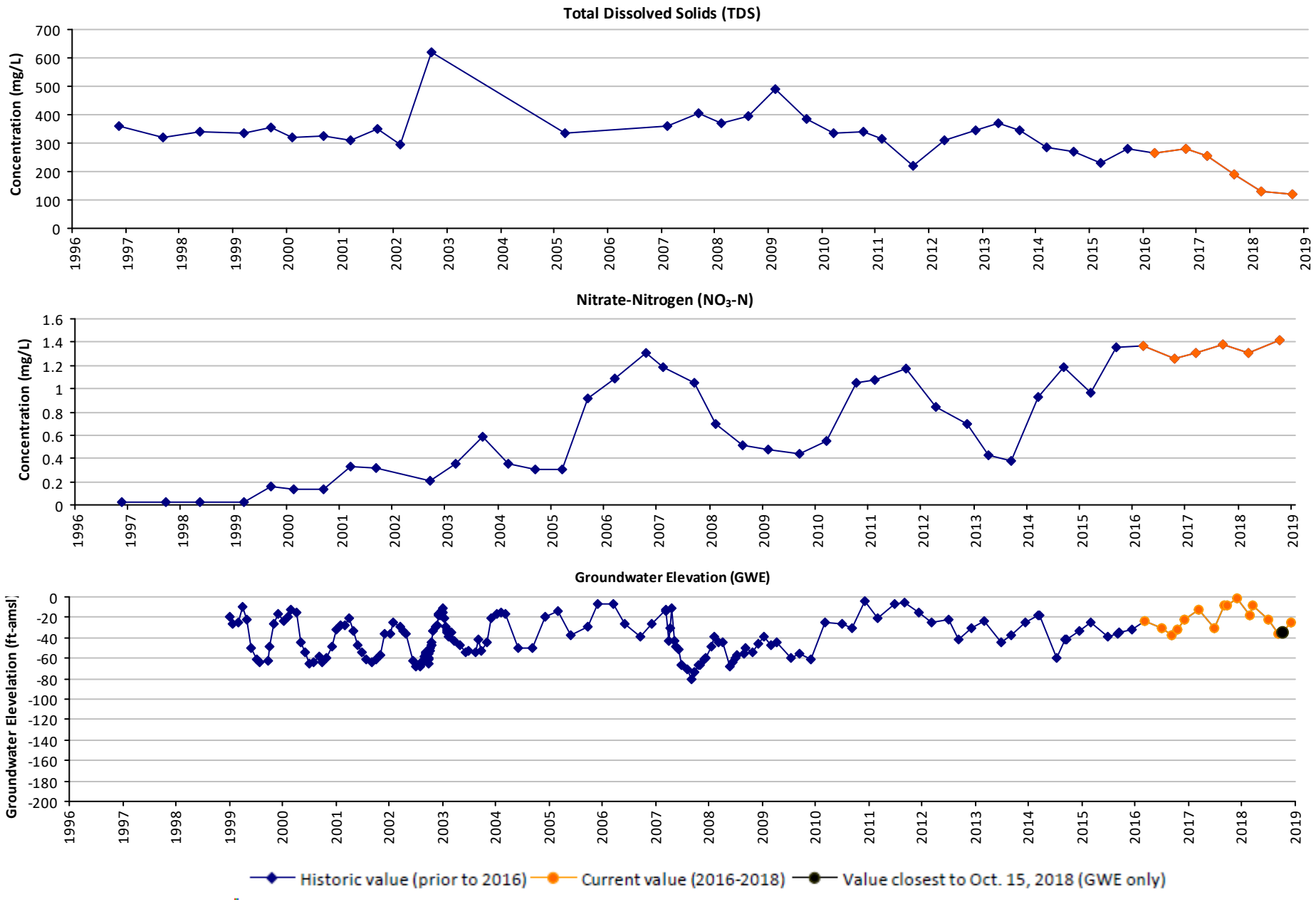
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

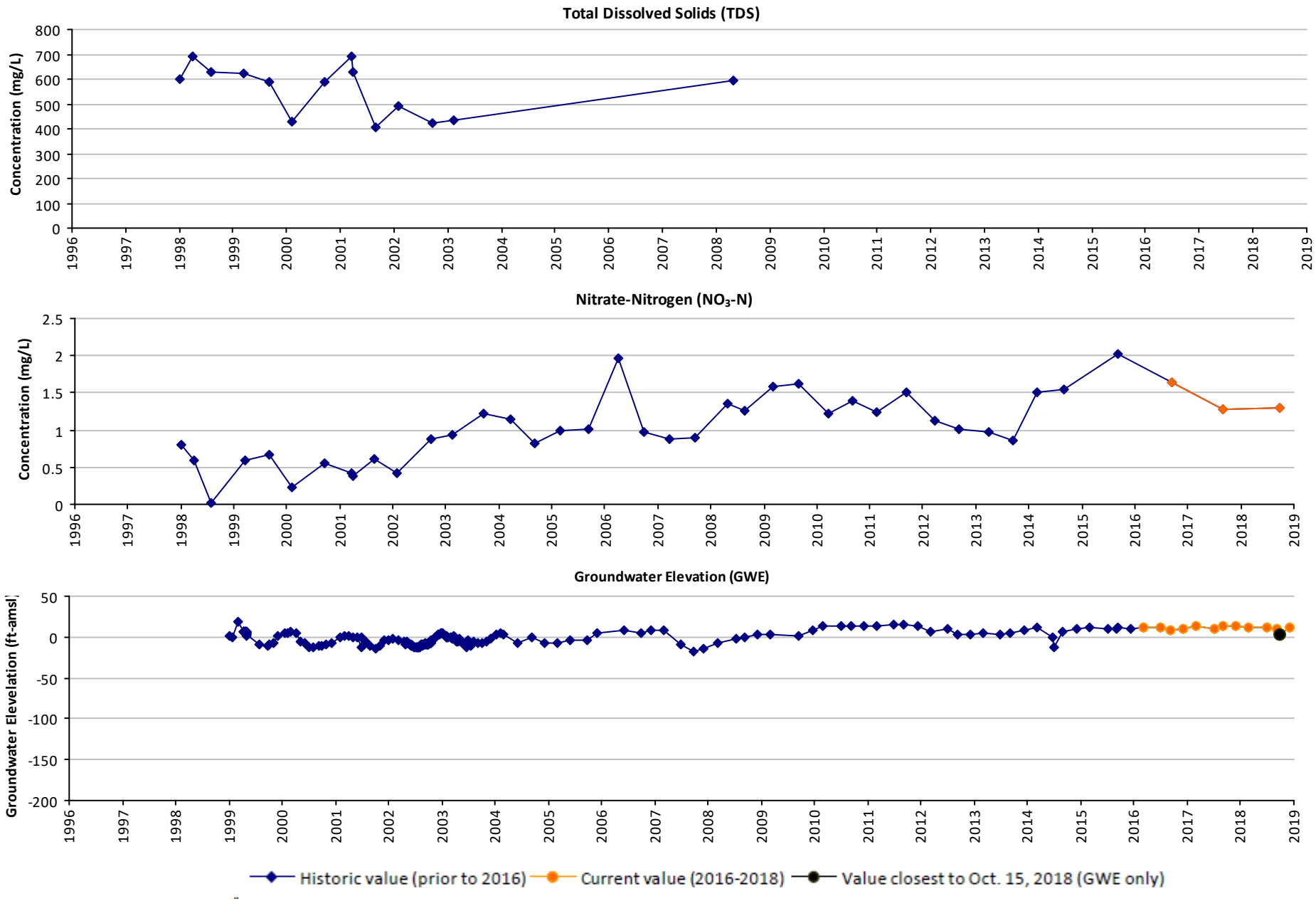
Well ID: 1214380
Management Zone: Orange County

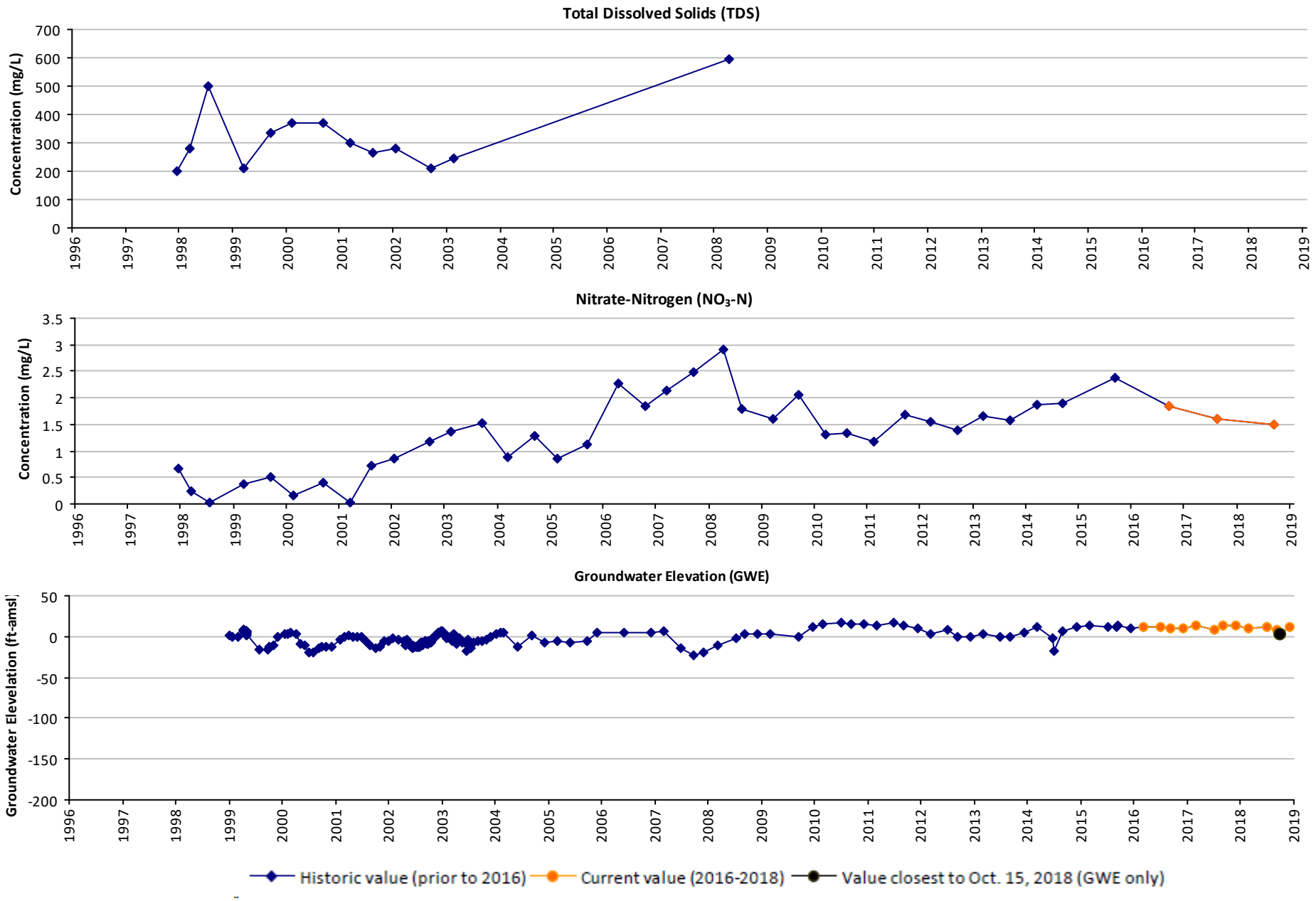


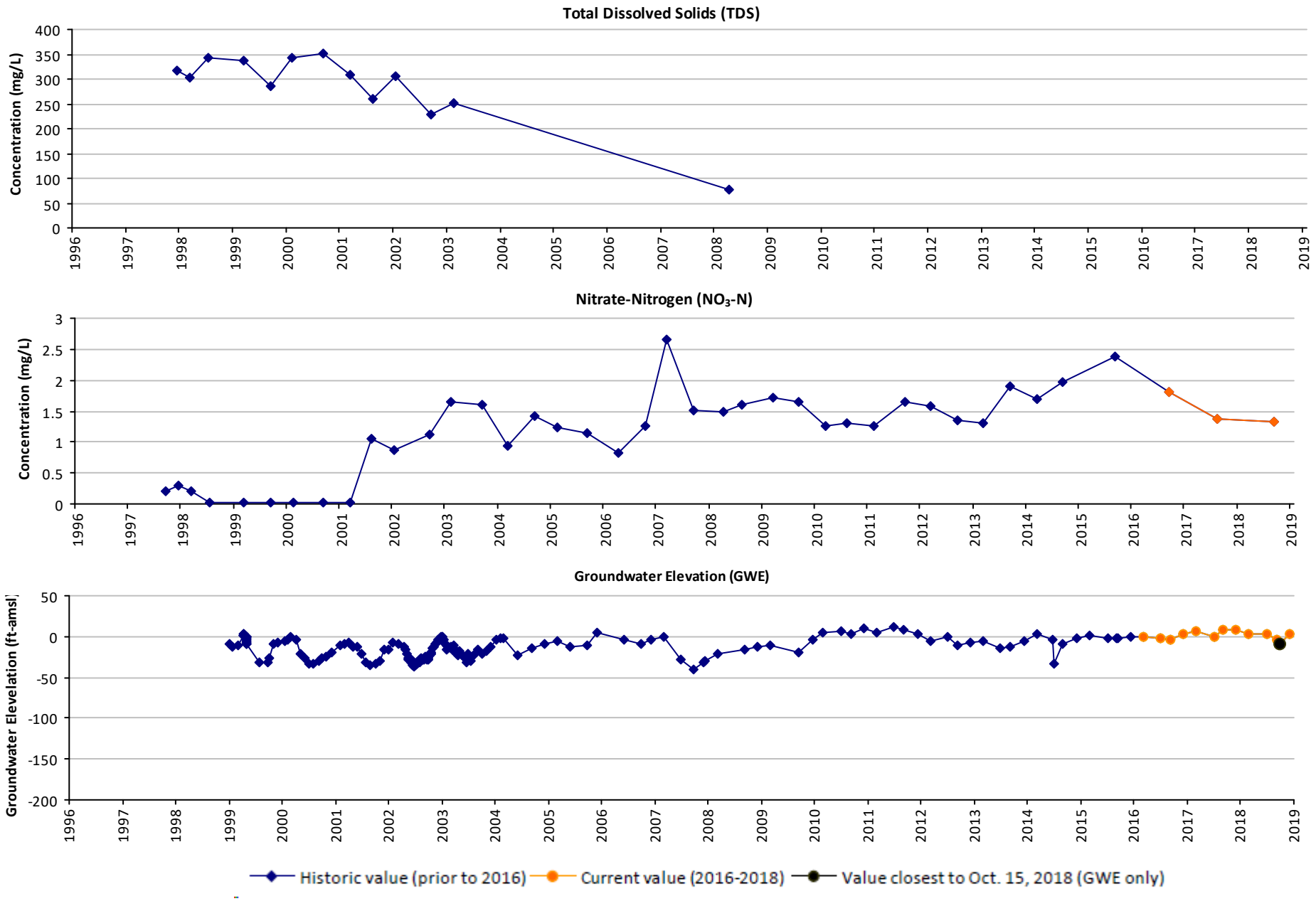

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

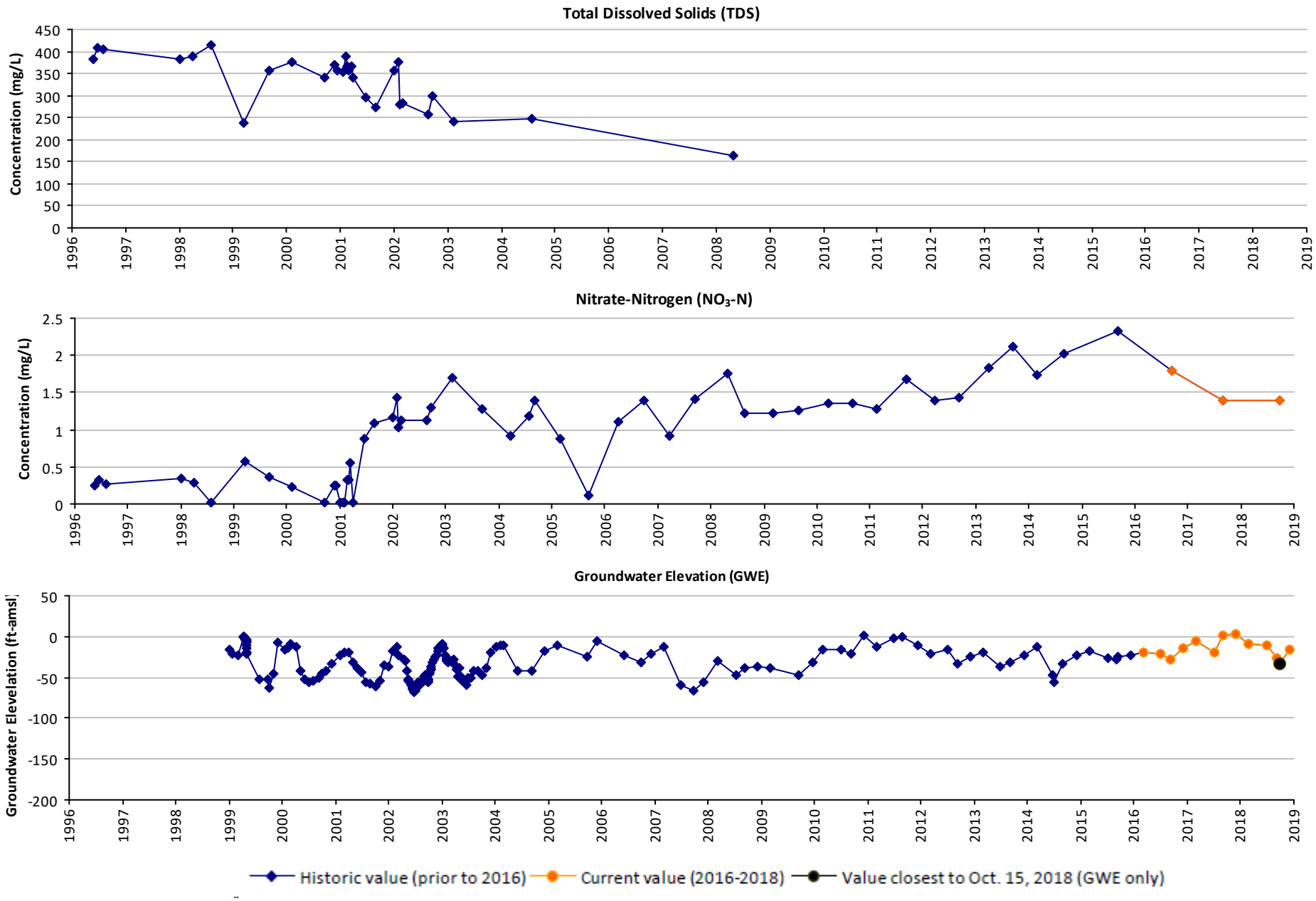

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

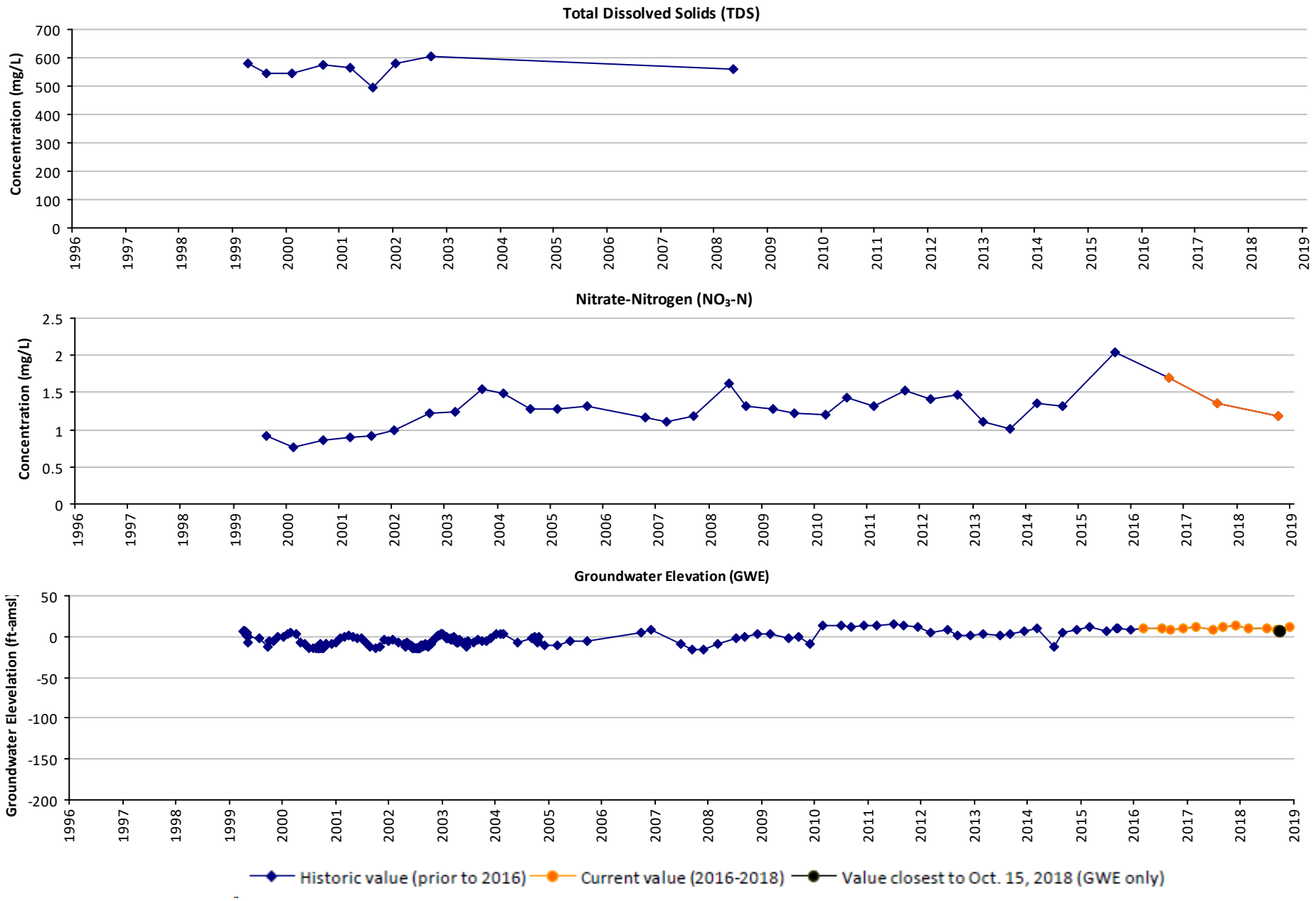

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

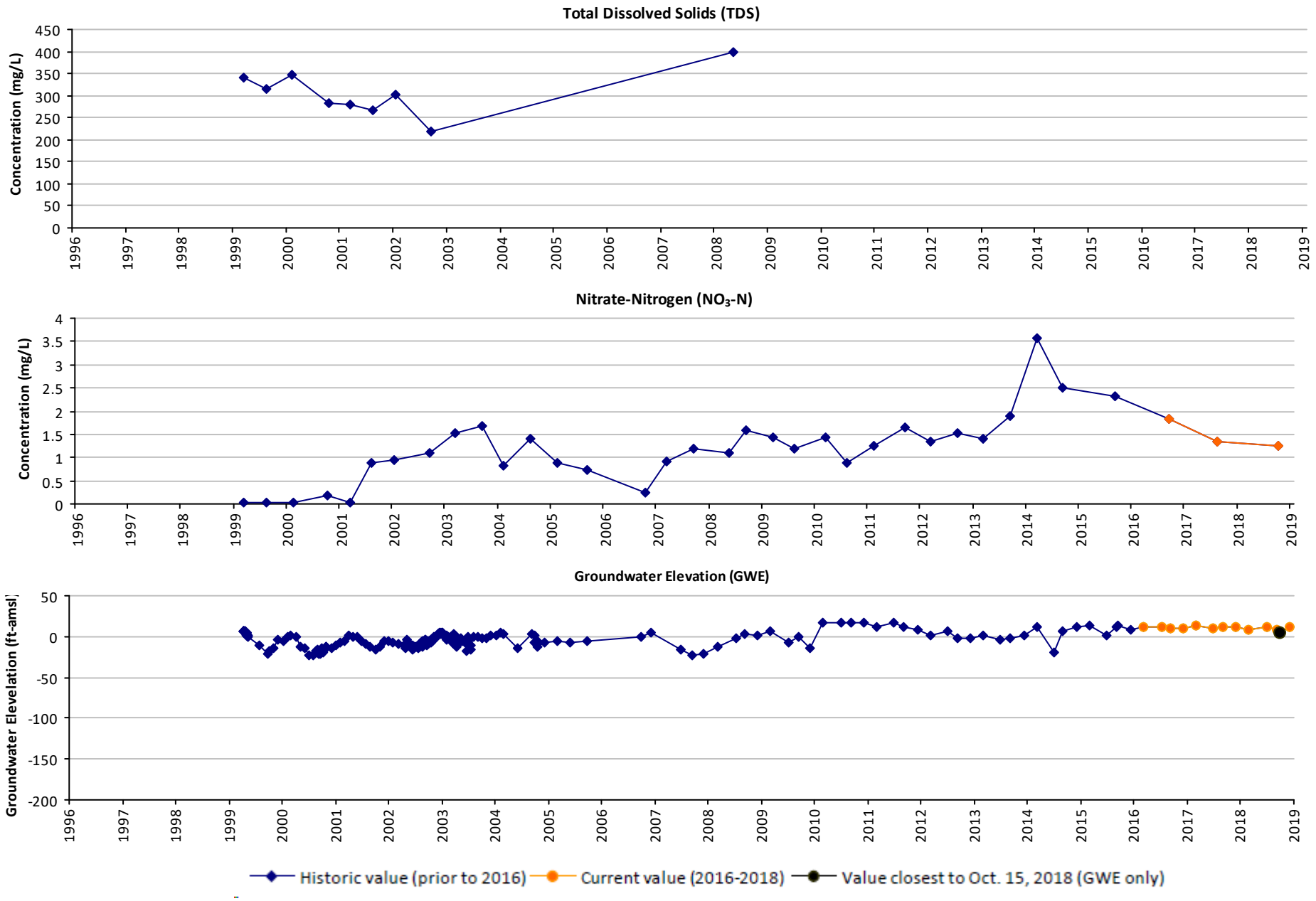

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

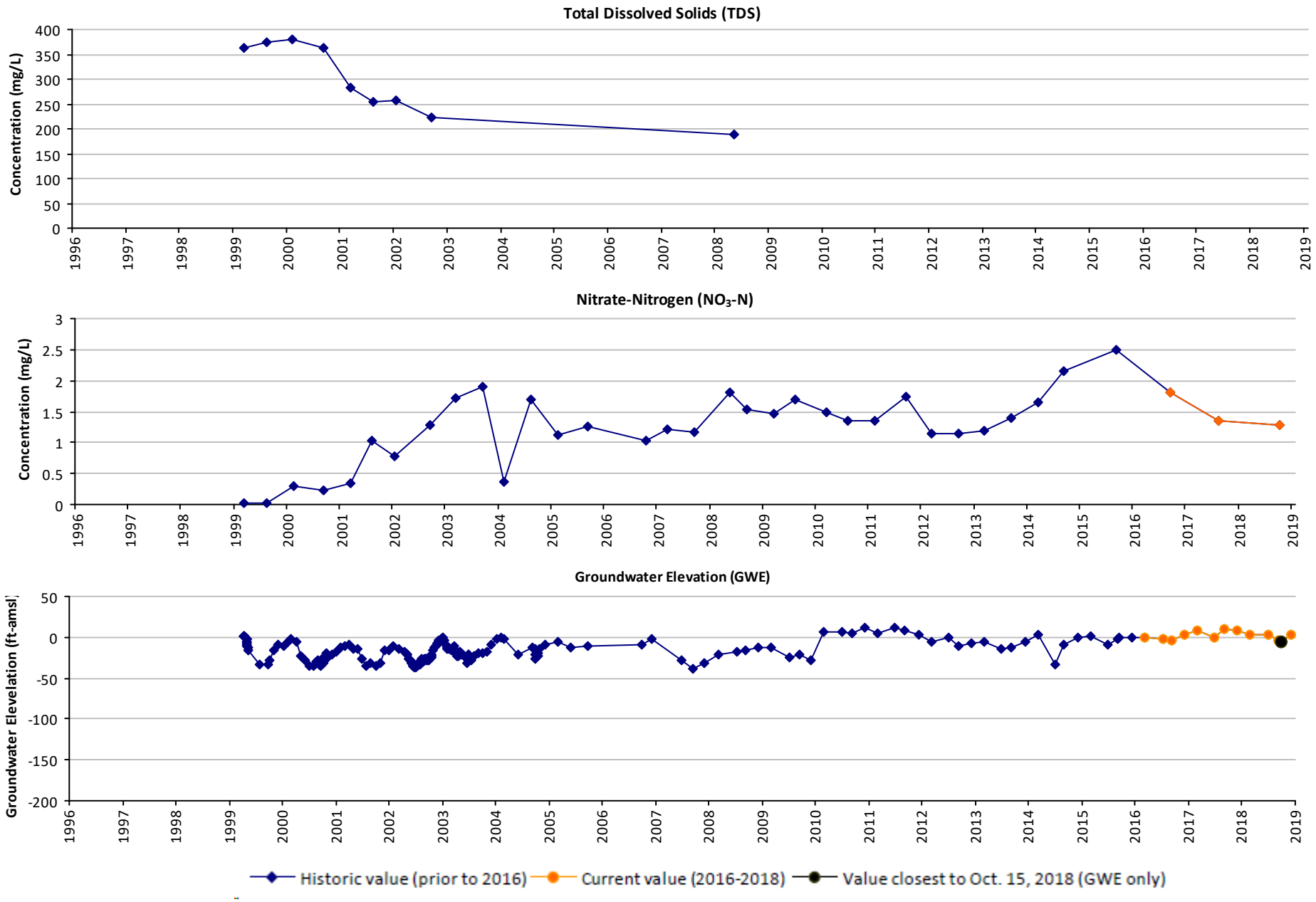

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

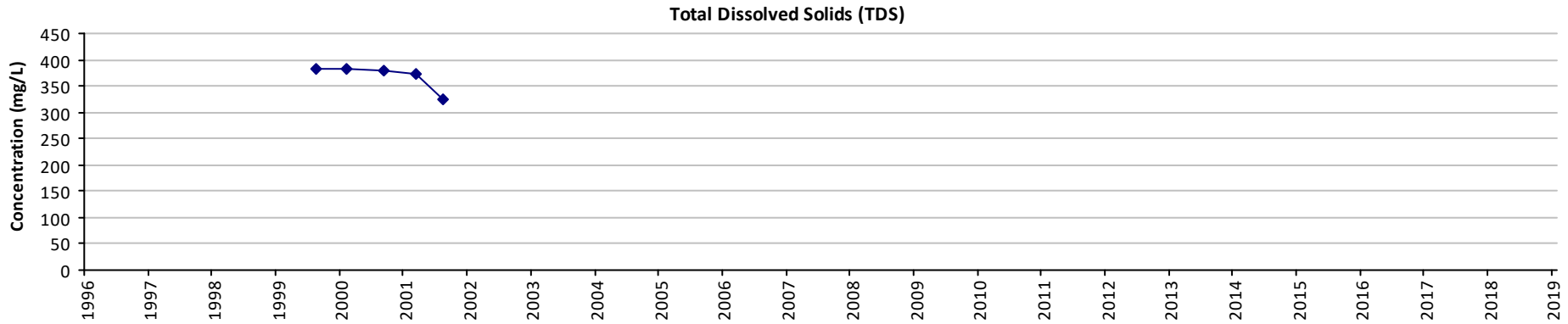

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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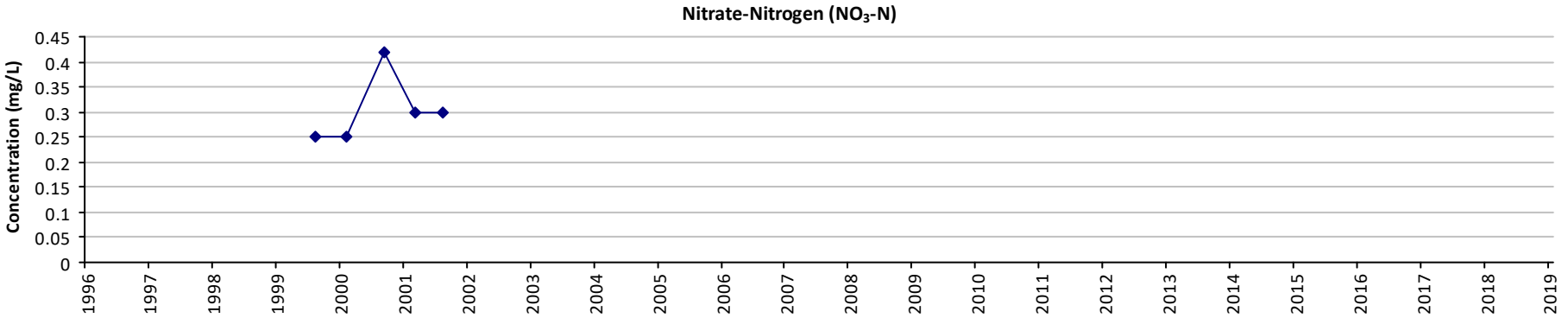
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
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2007
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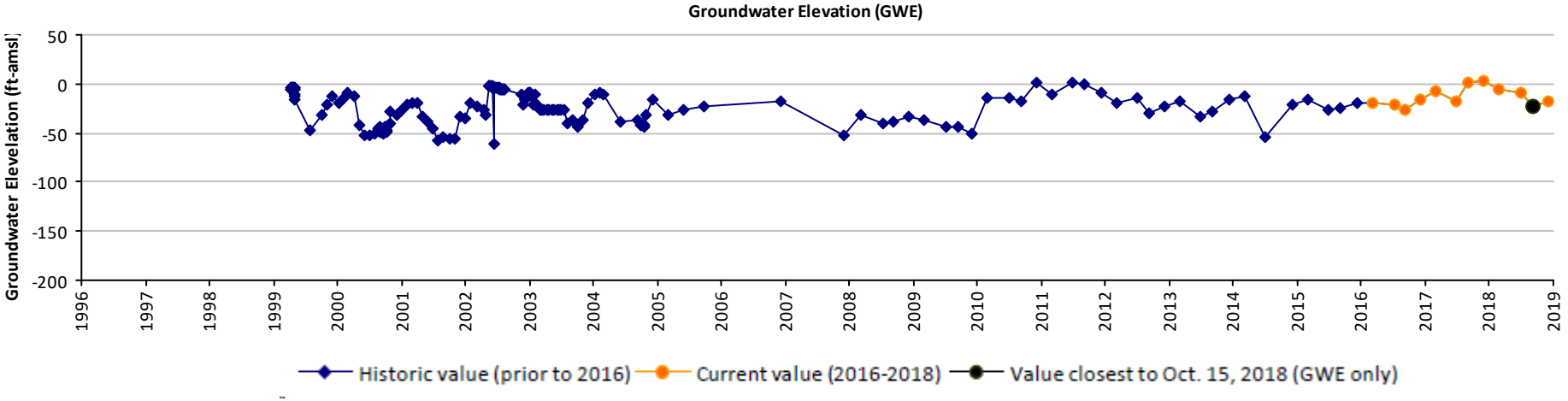
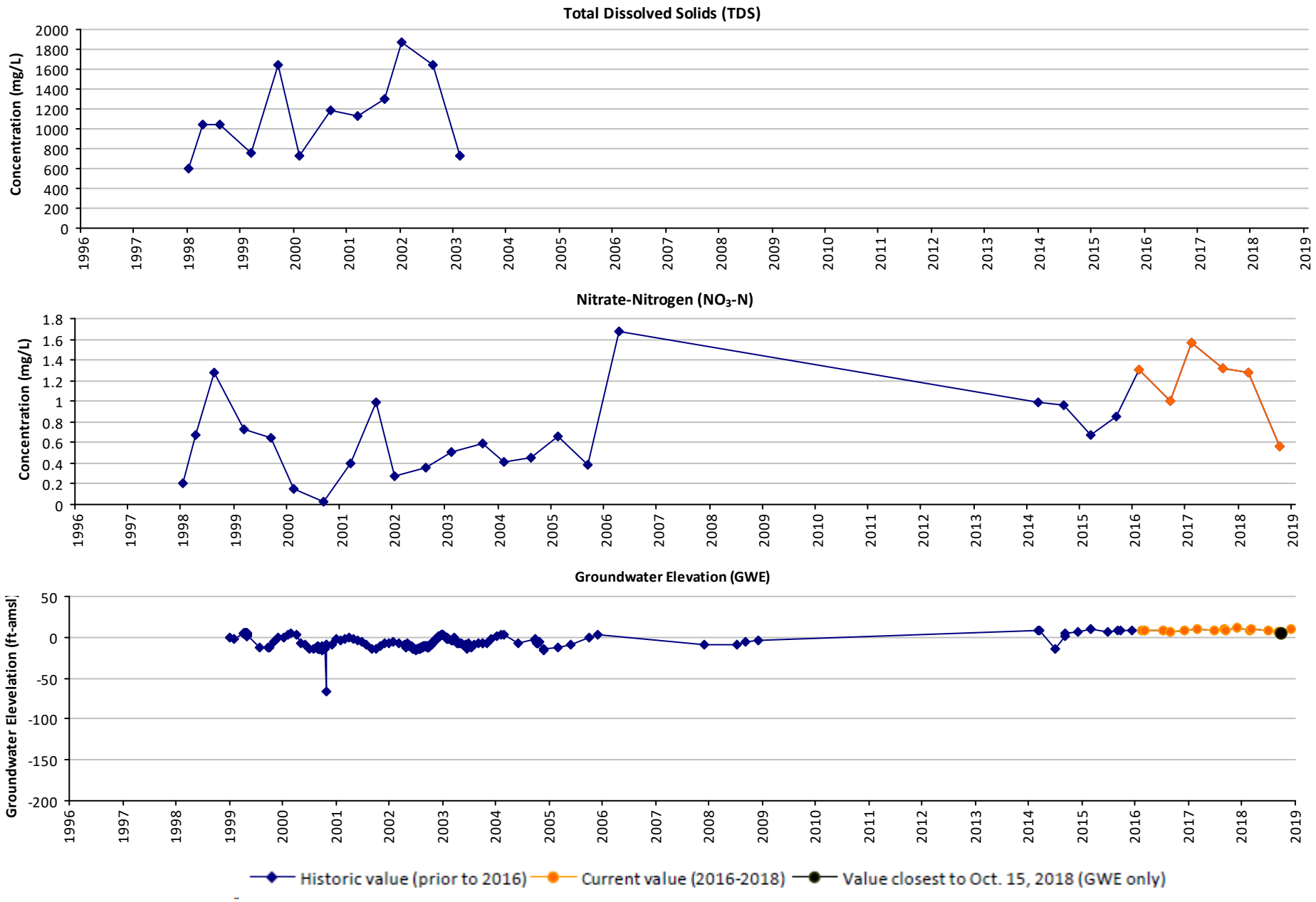
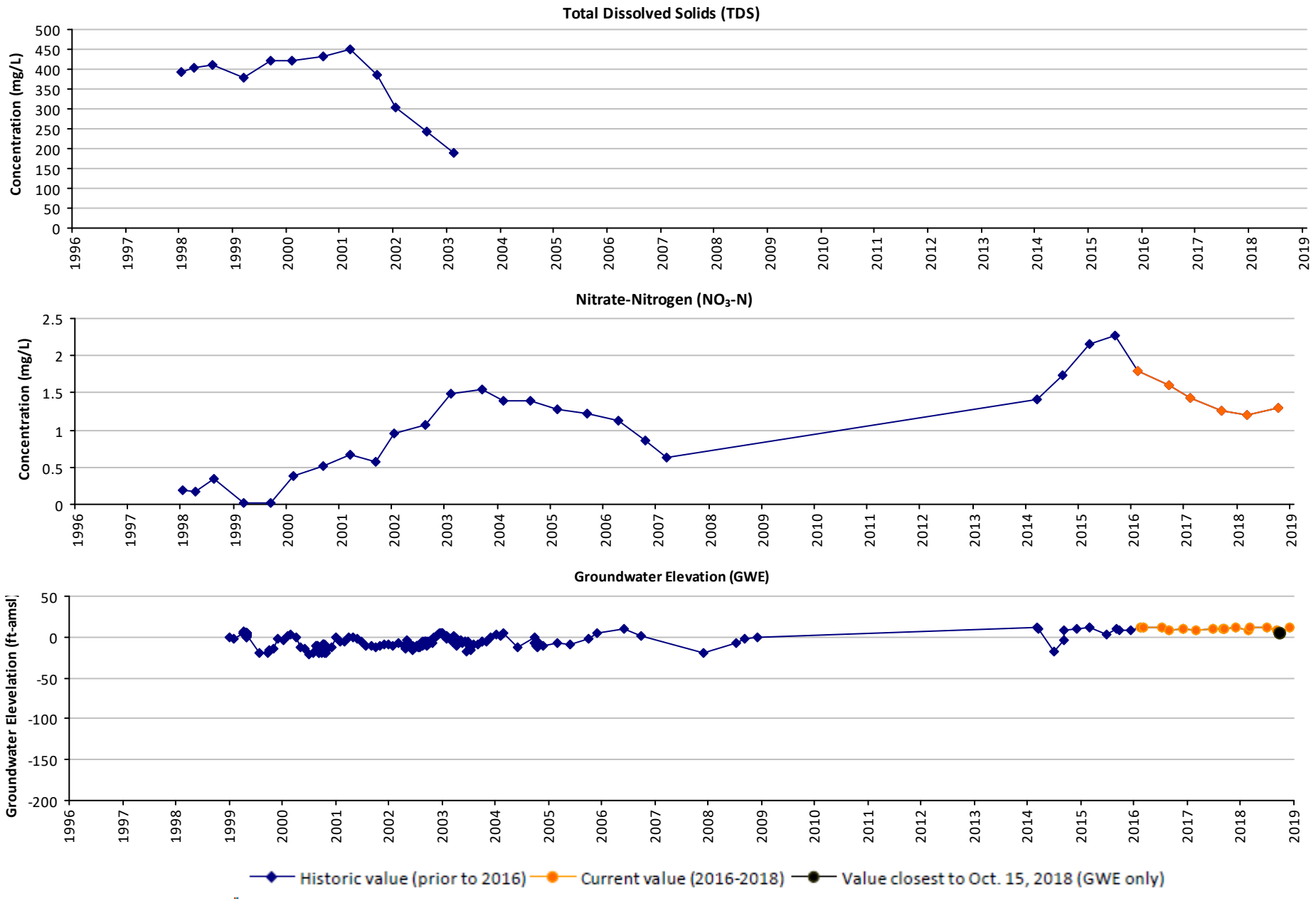
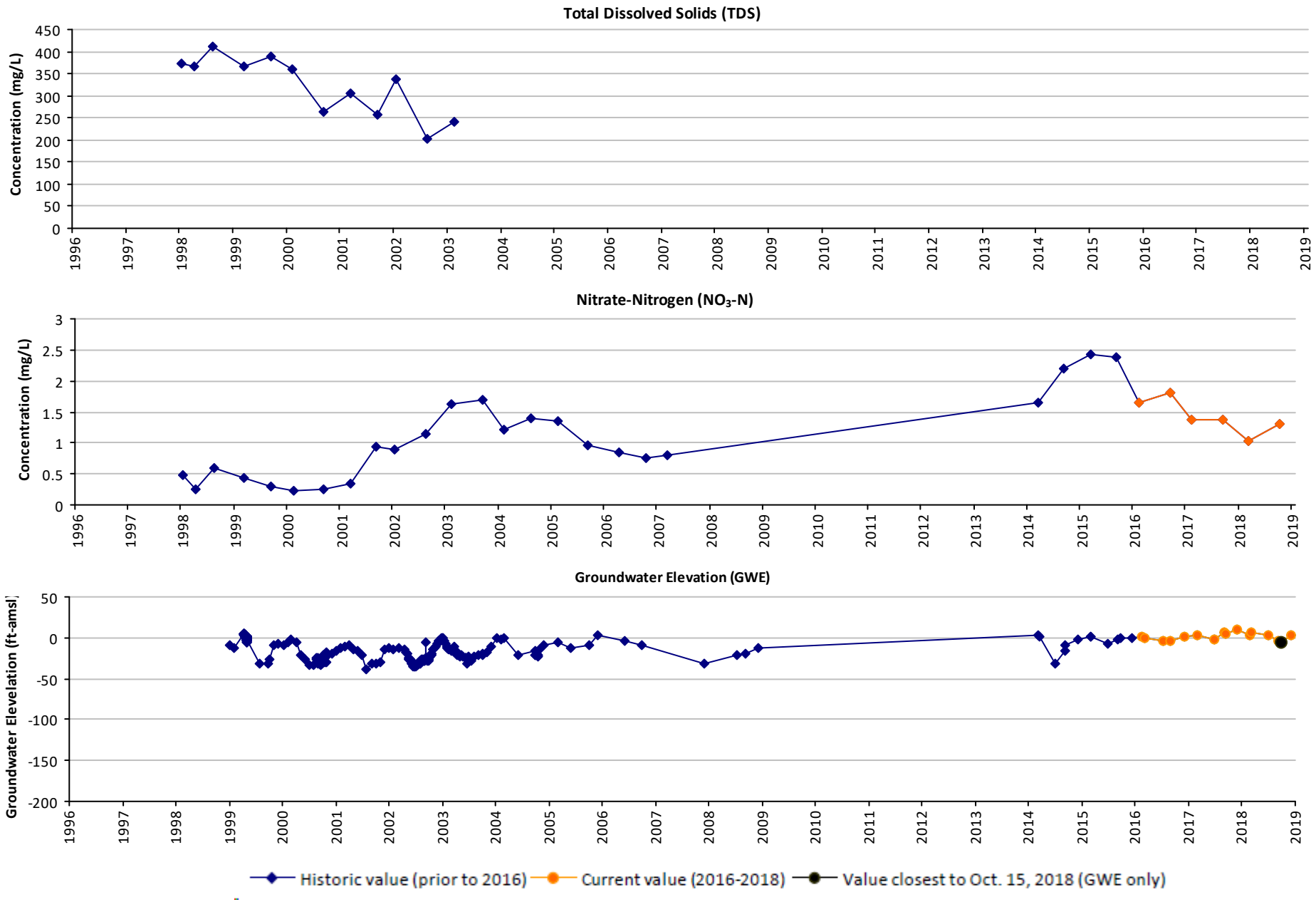
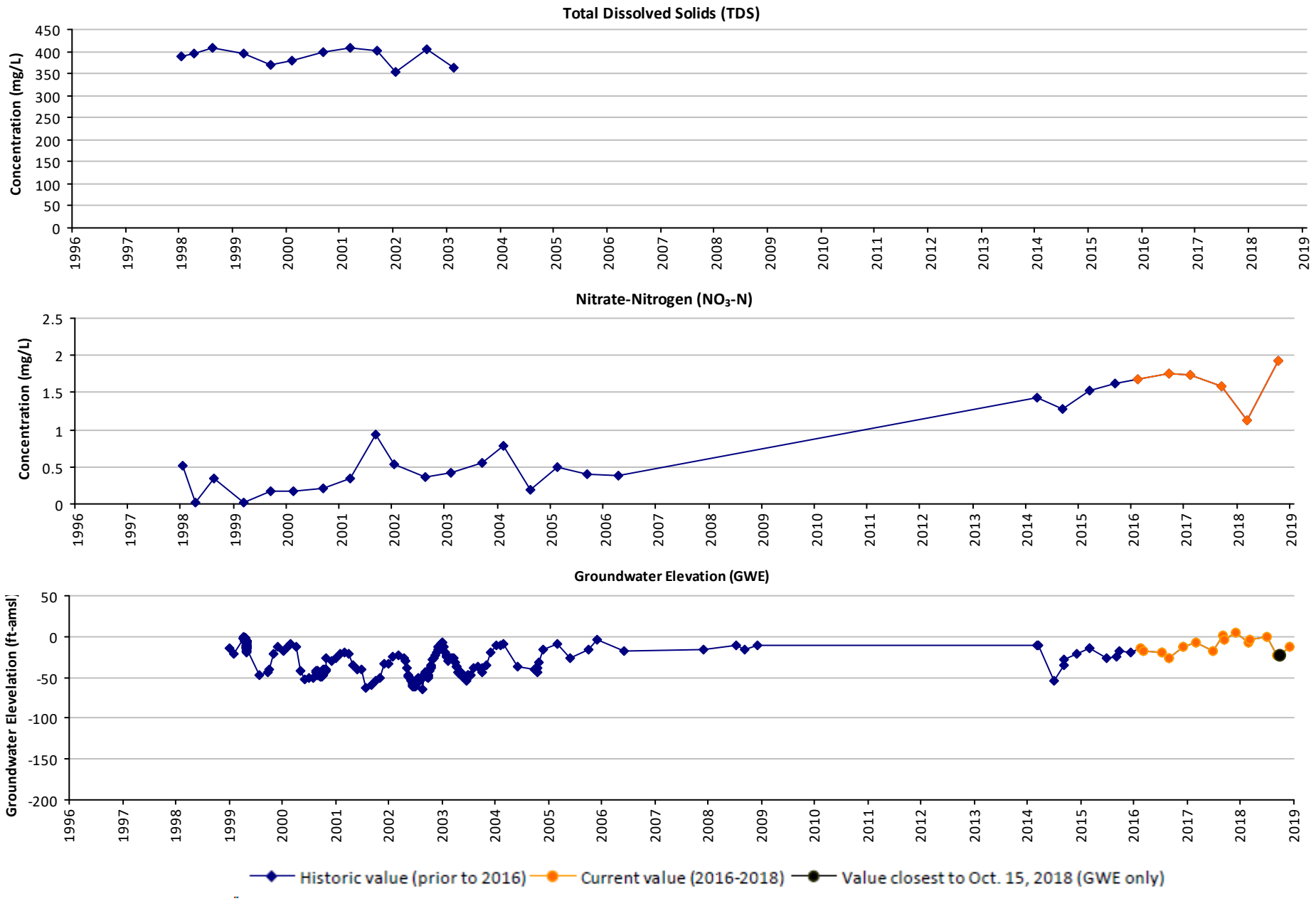
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

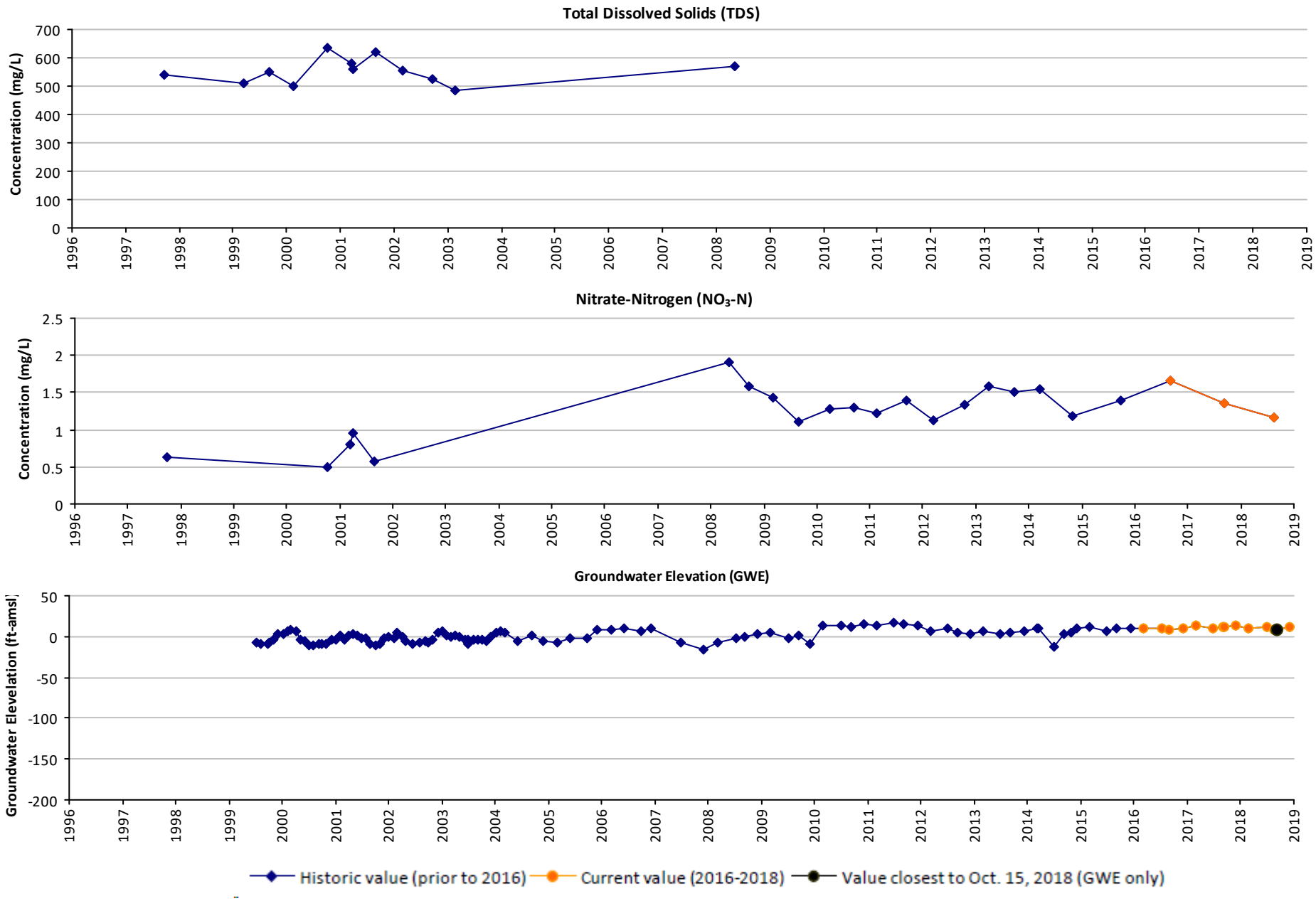

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

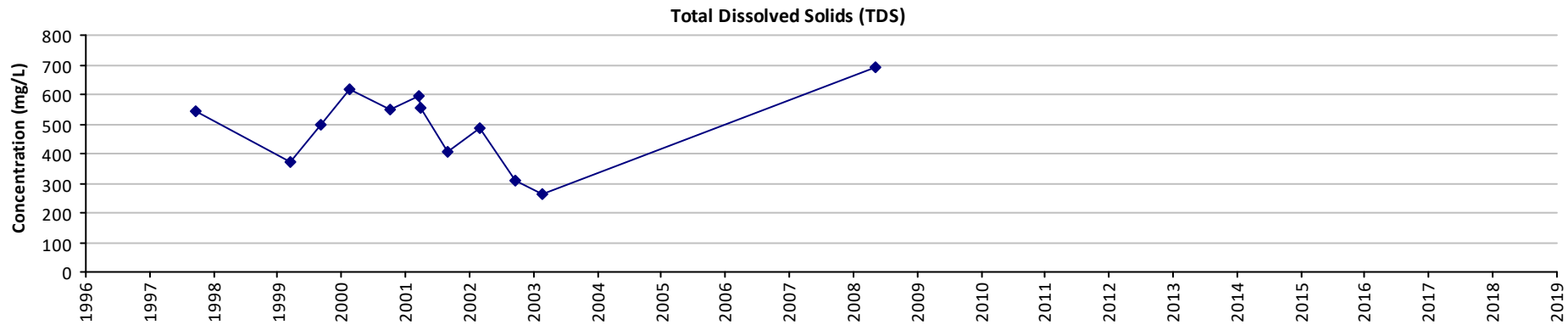

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

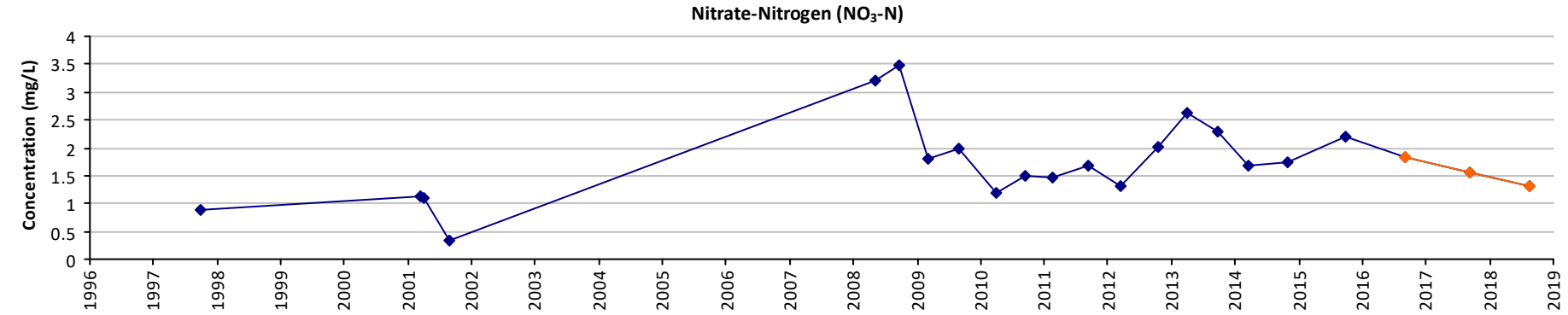

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

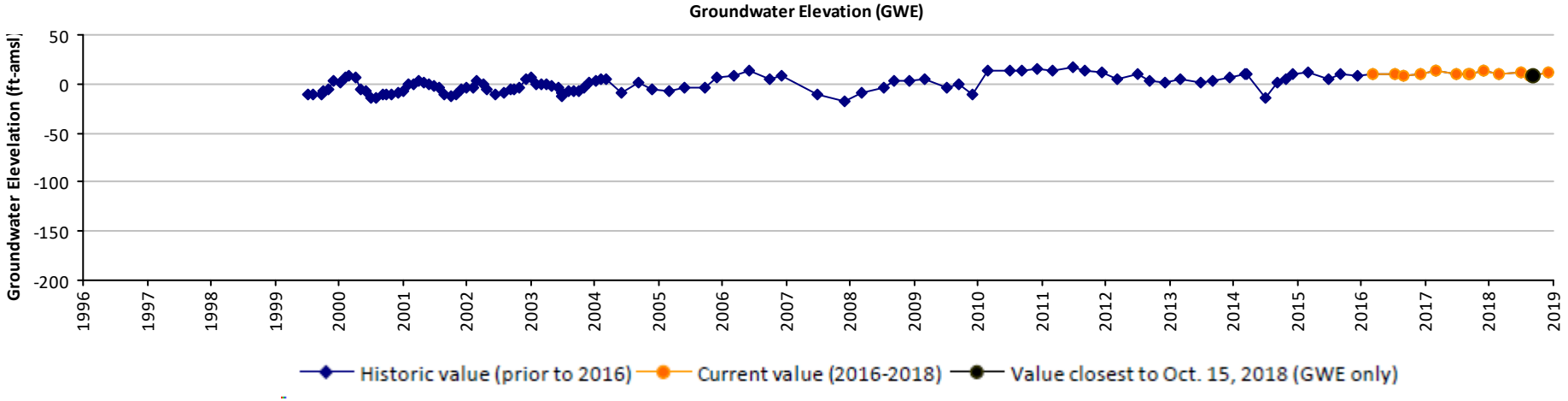

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

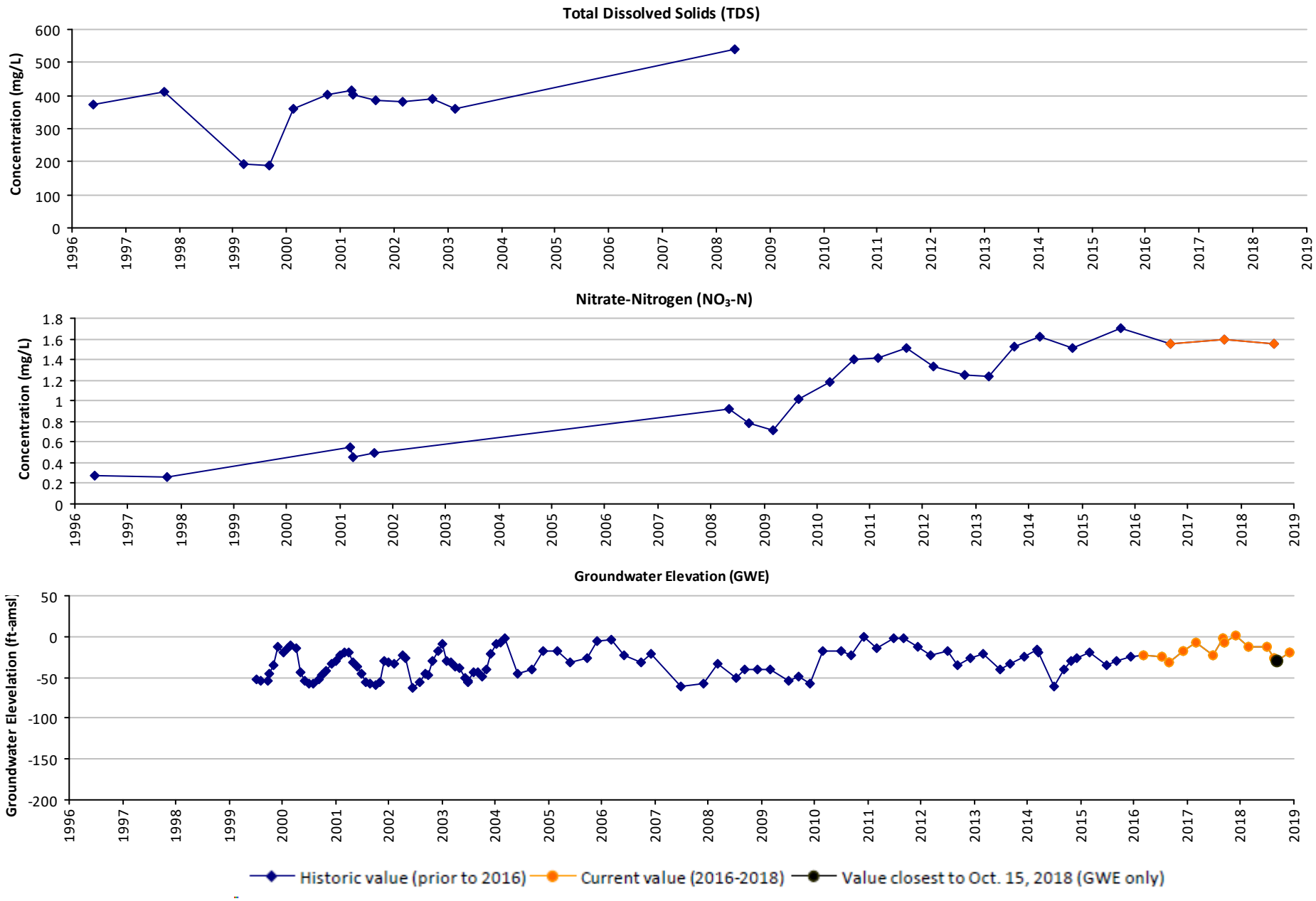
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

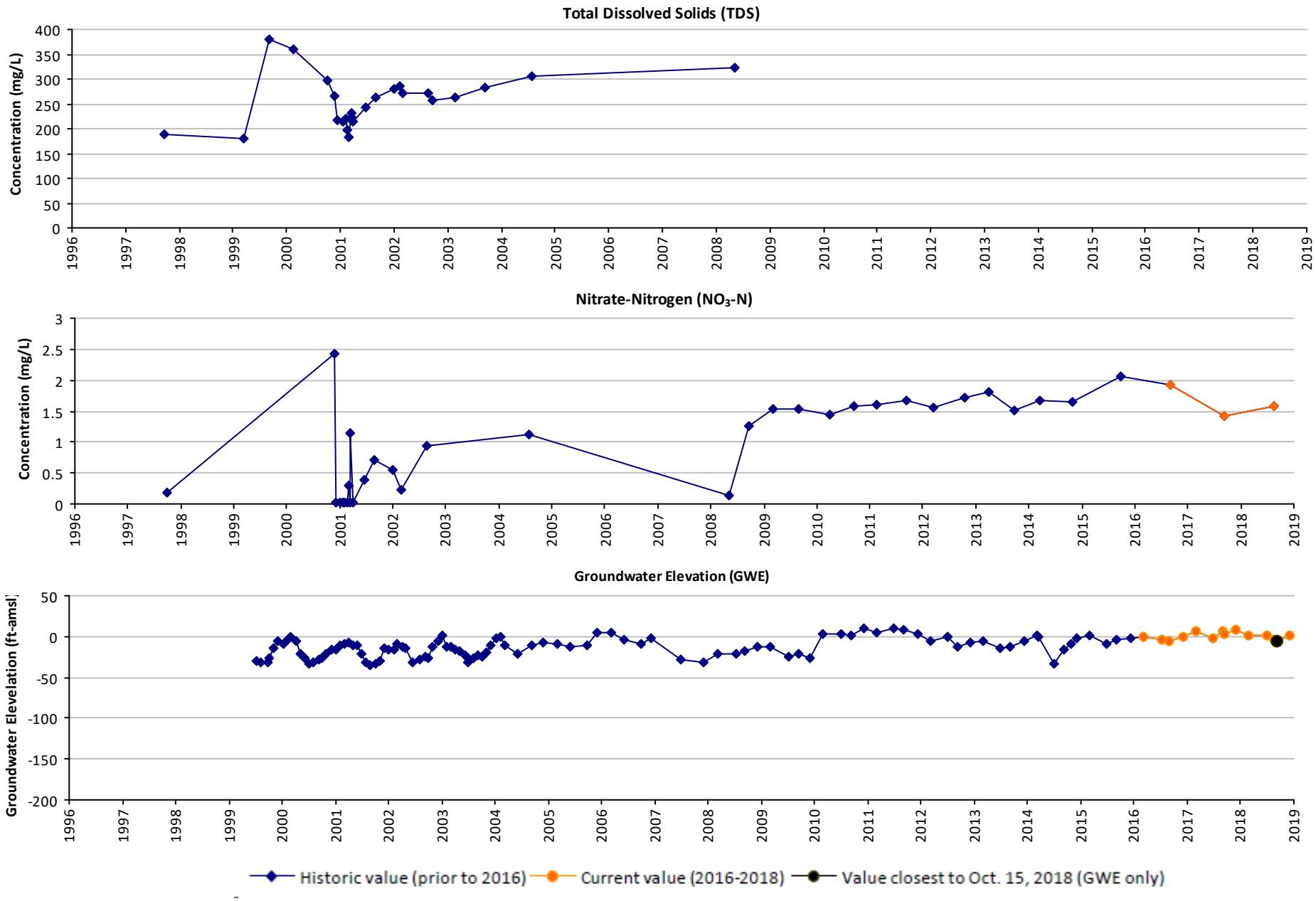
Well ID: 1214397
Management Zone: Orange County

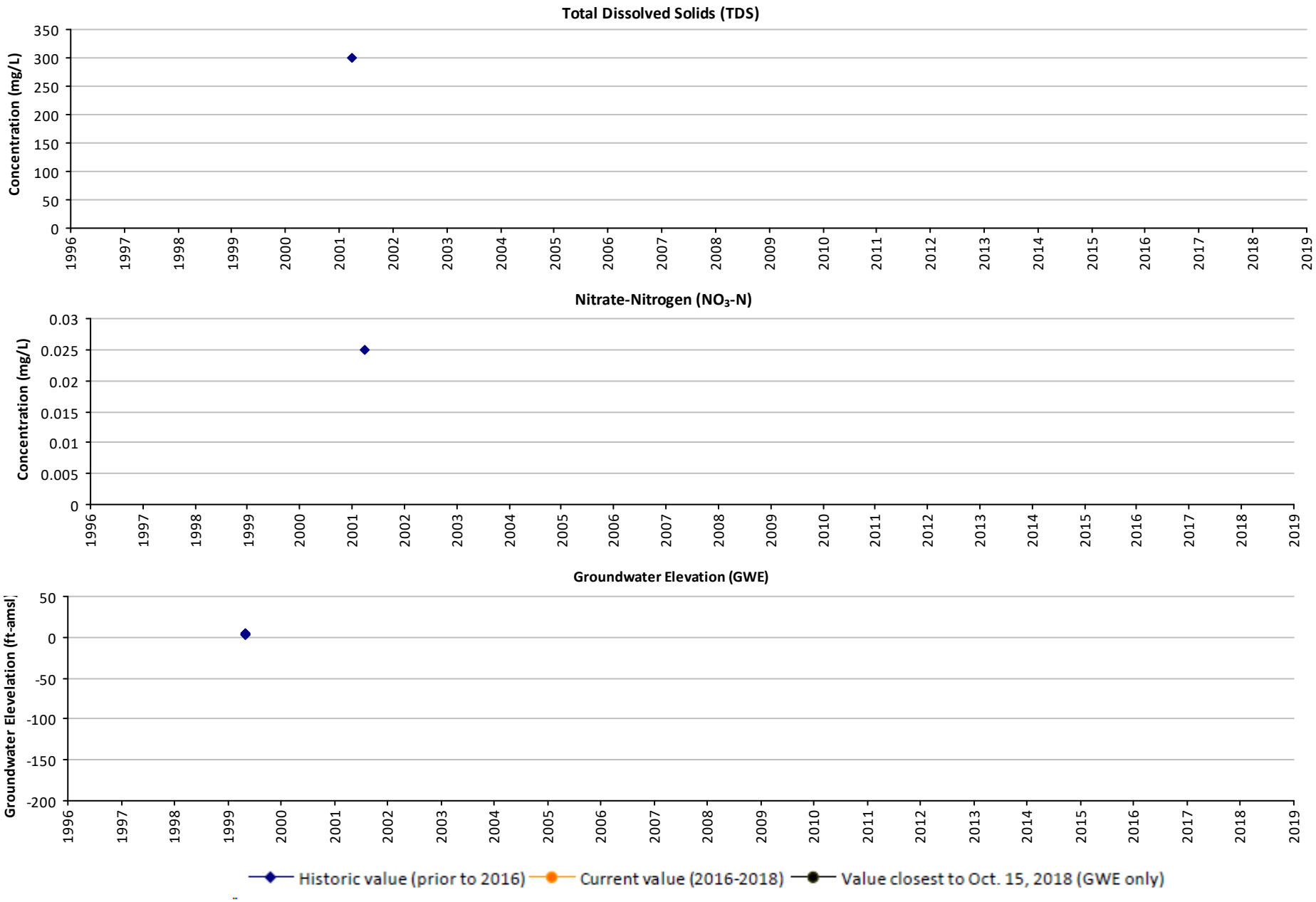


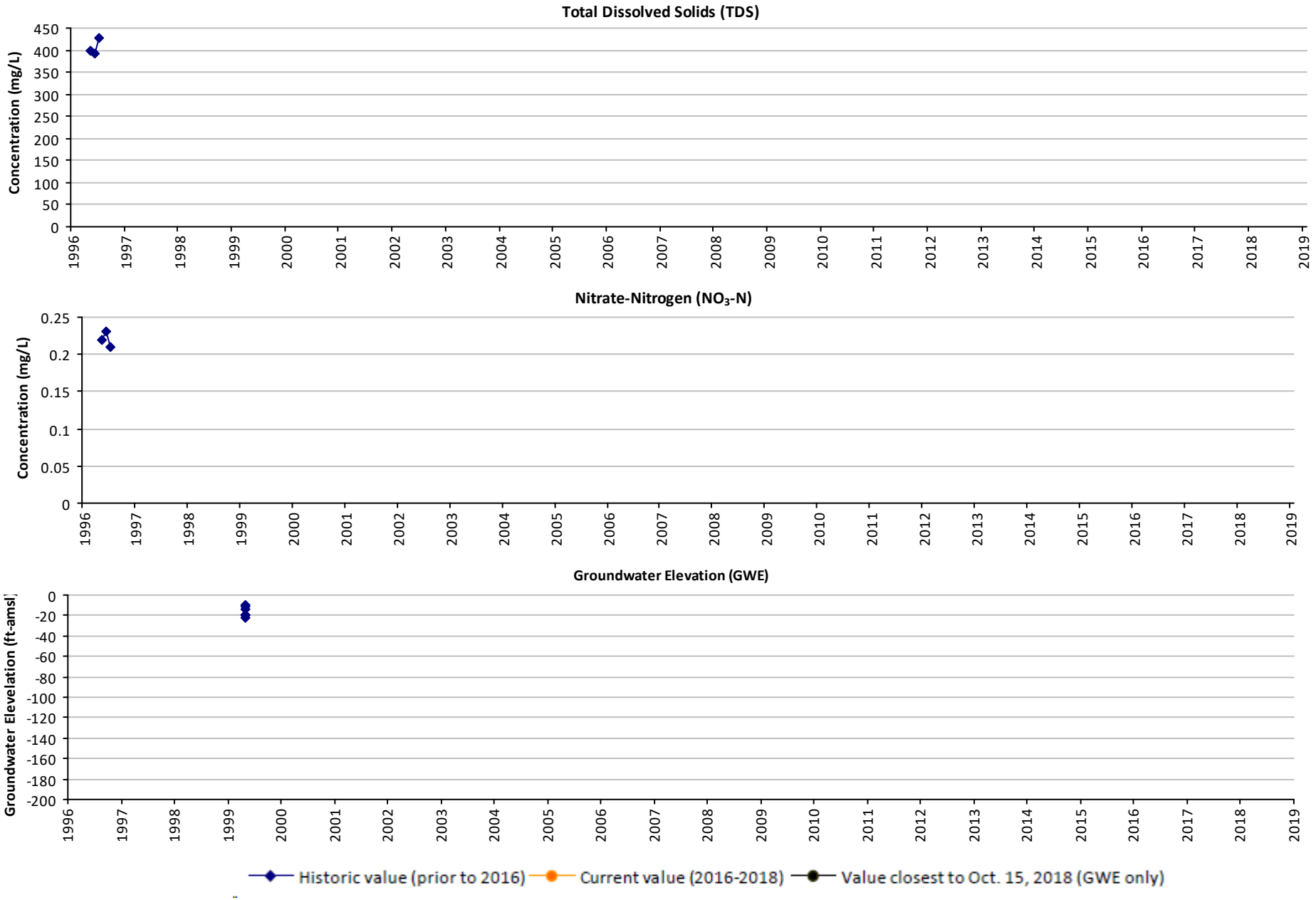


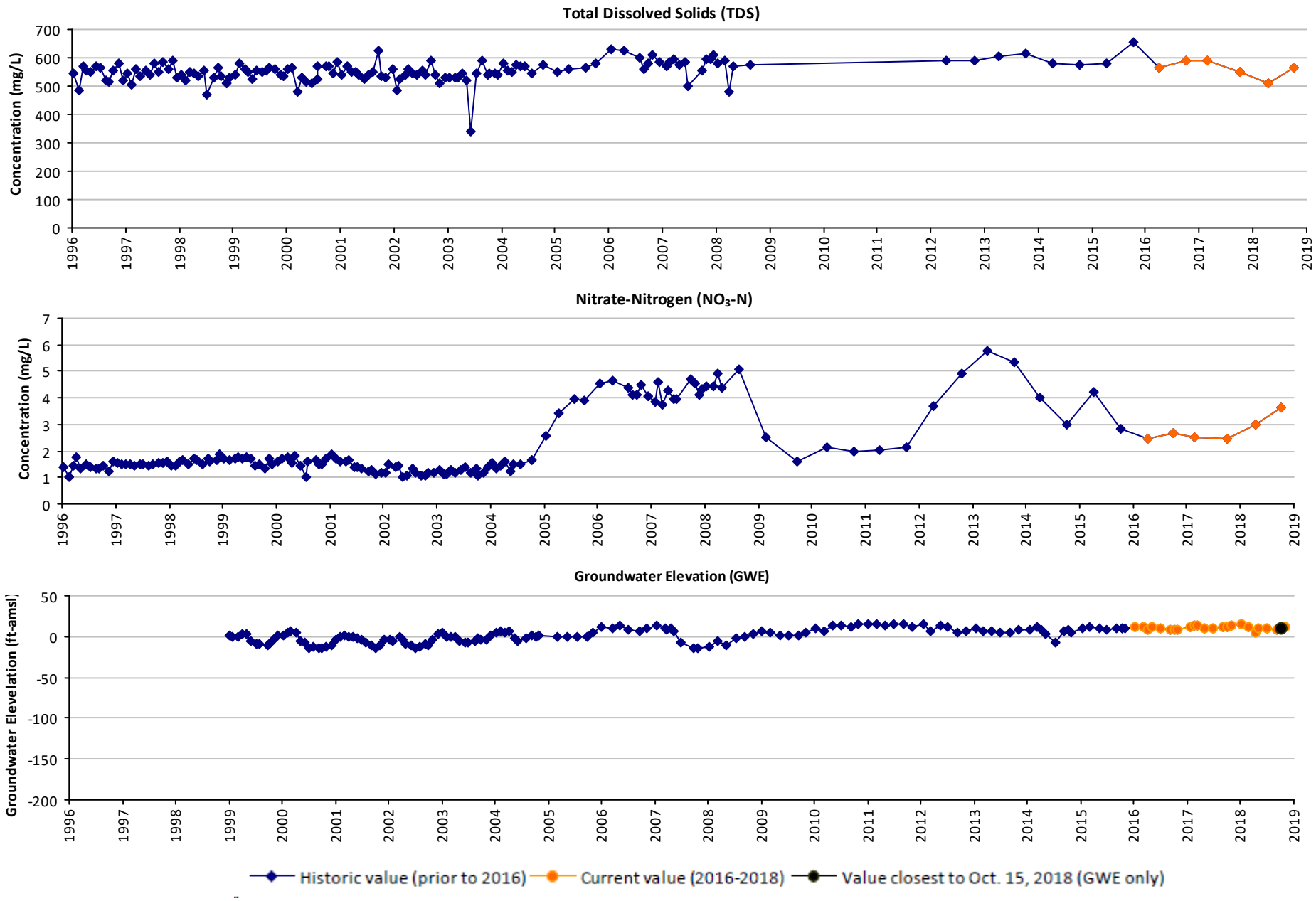


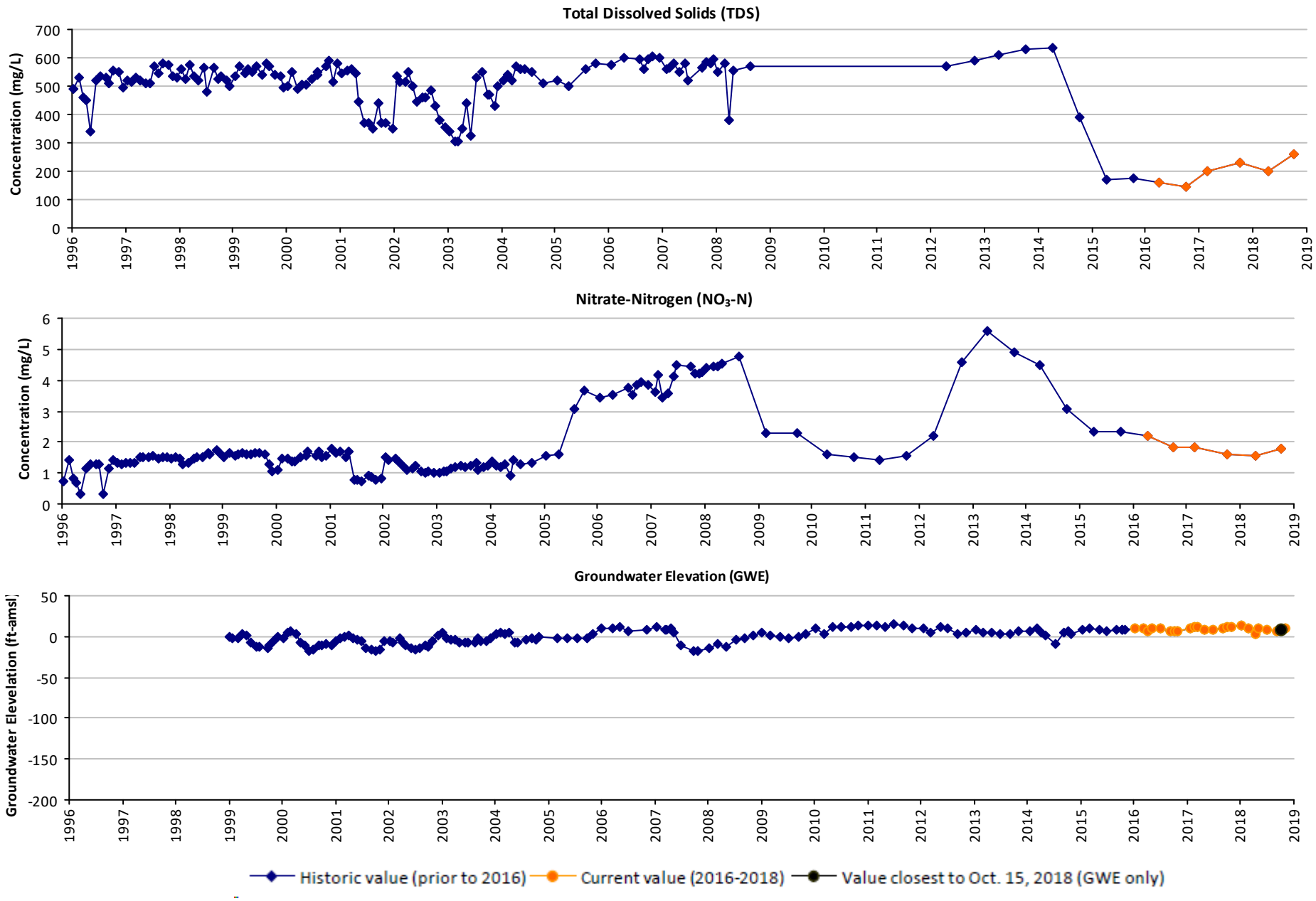

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

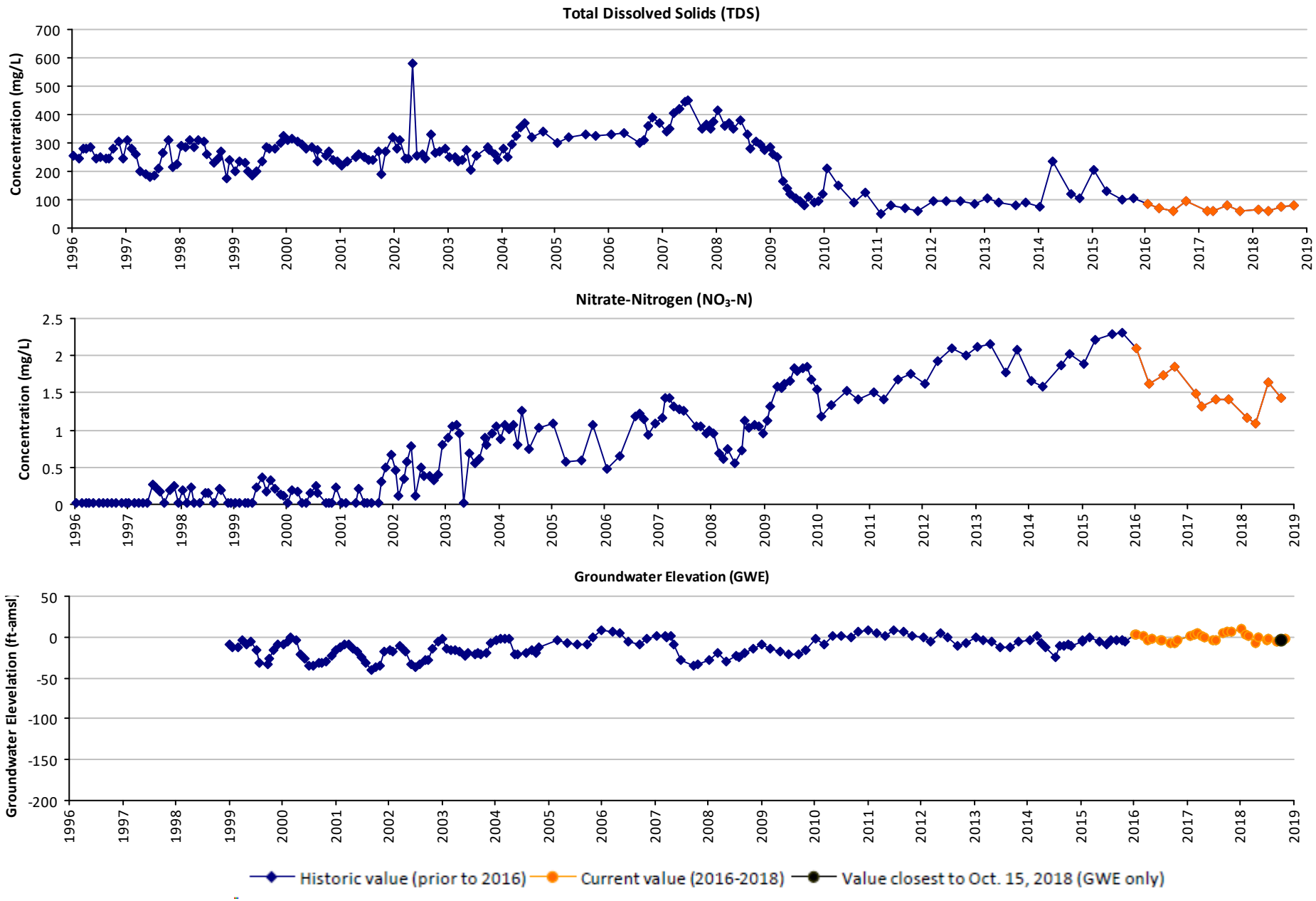

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
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Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
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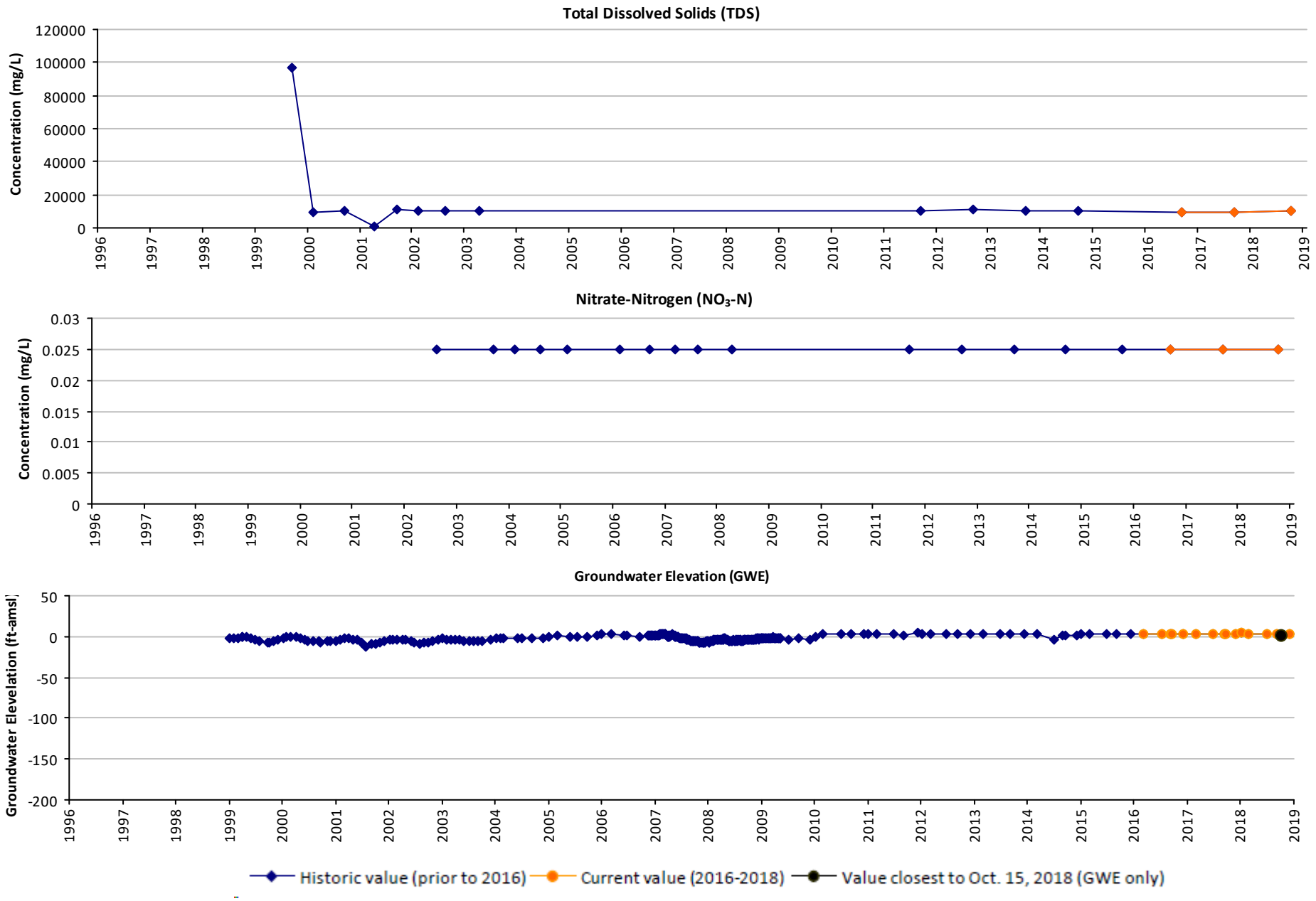
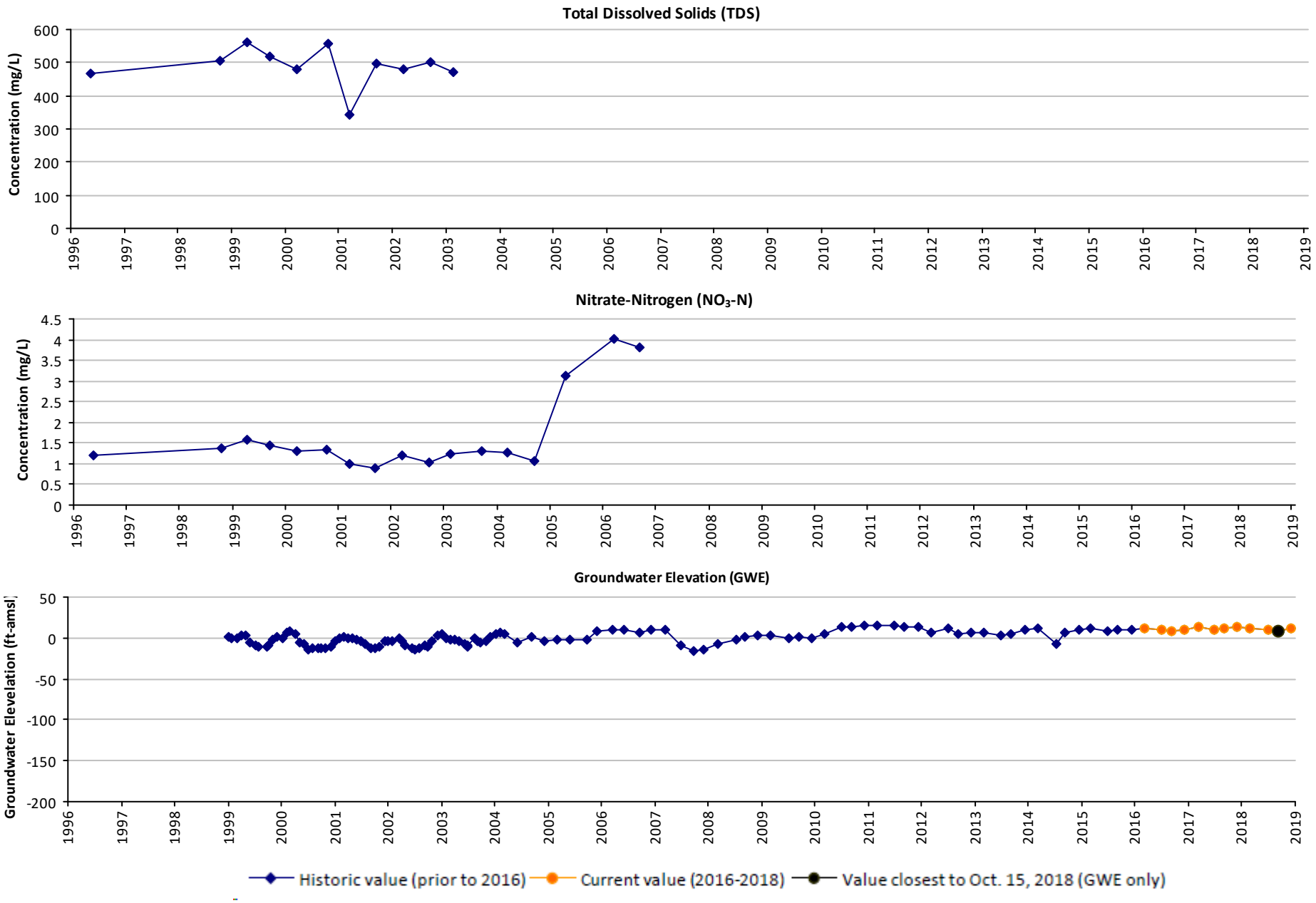

Total Dissolved Solids (TDS)
Concentration (mg/L)
120000
100000
80000
60000
40000
20000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
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Nitrate-Nitrogen (NO_3-N)
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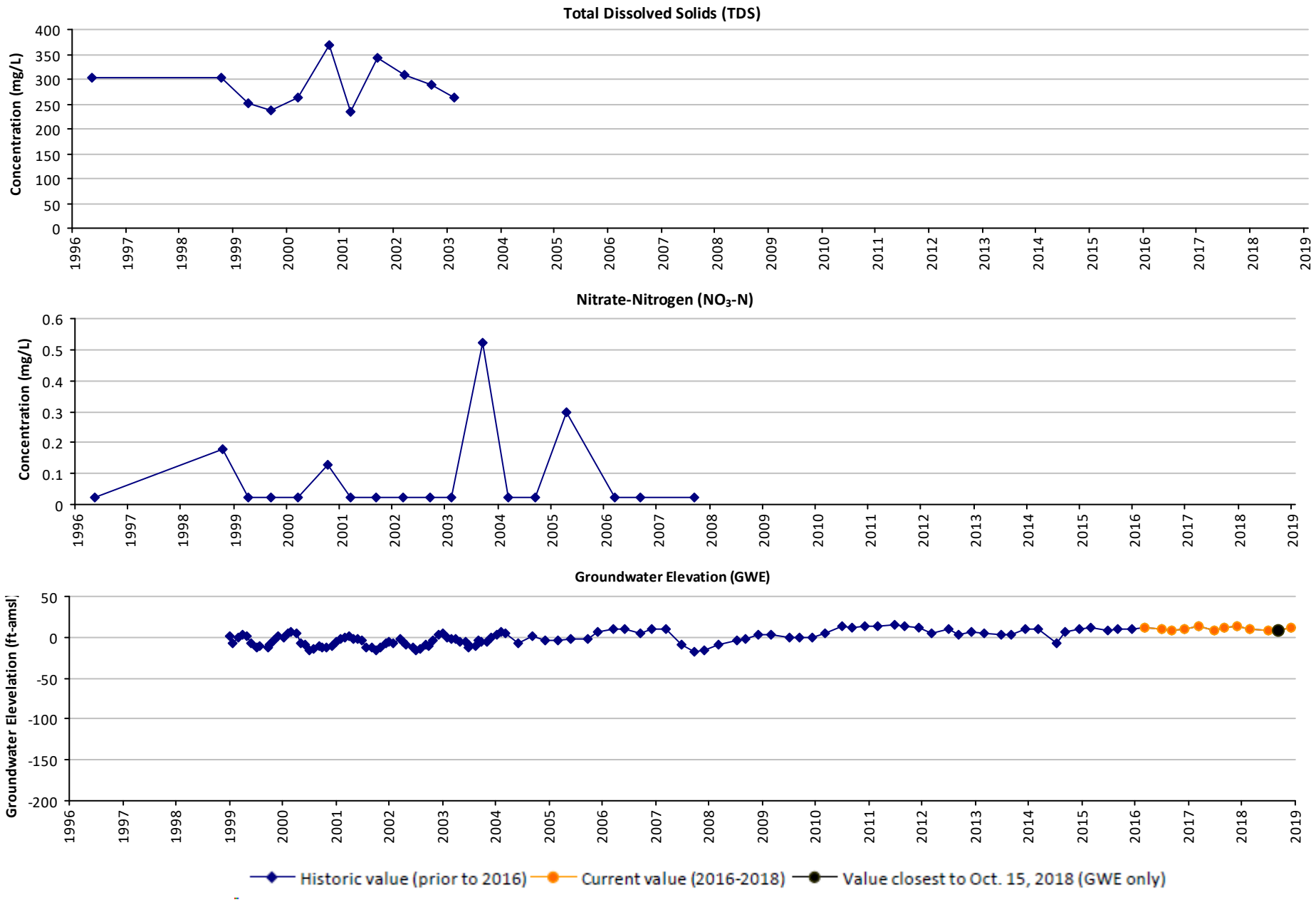
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Historic value (prior to 2016)
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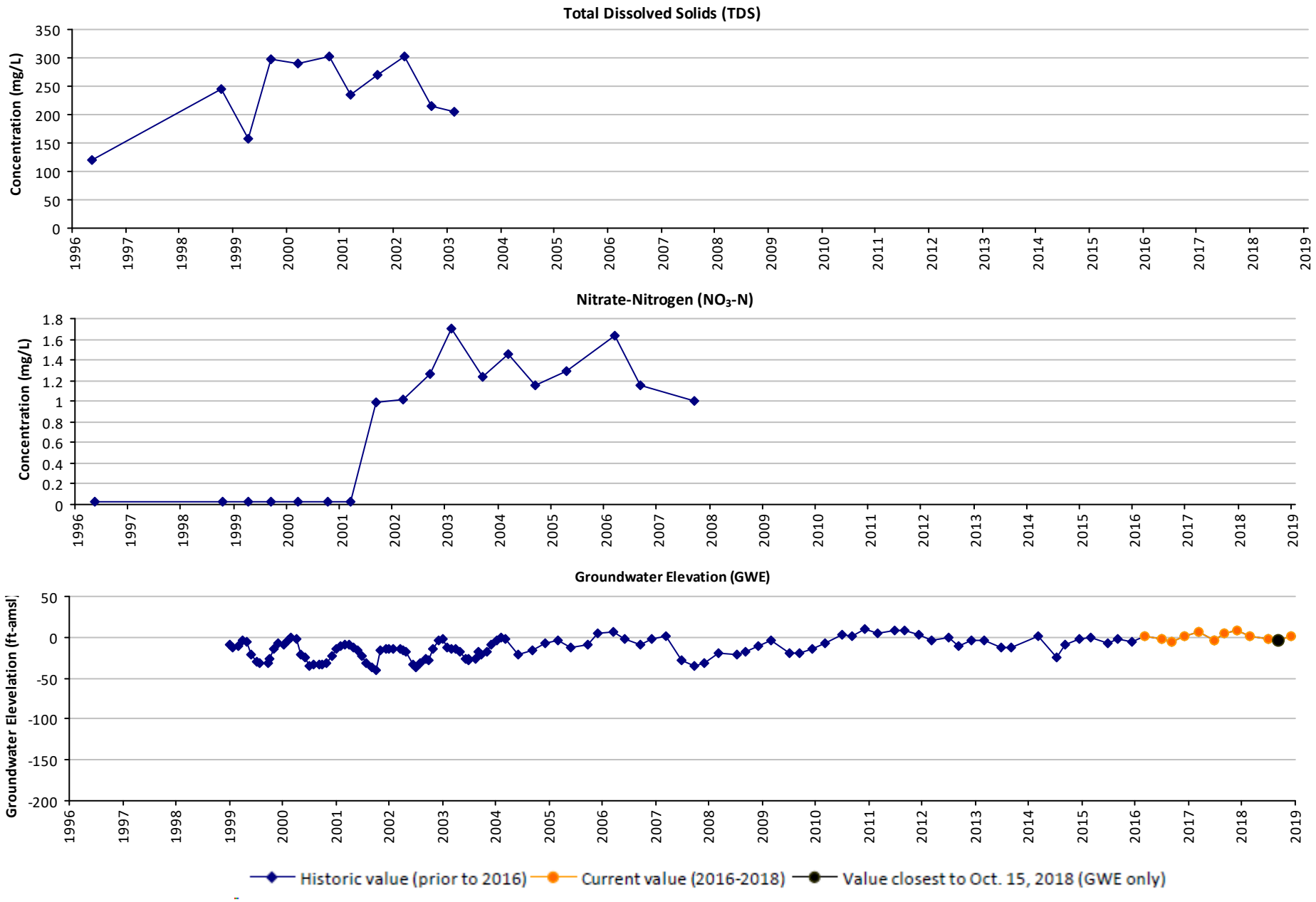
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Concentration (mg/L)
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Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
Current value (2016-2018)
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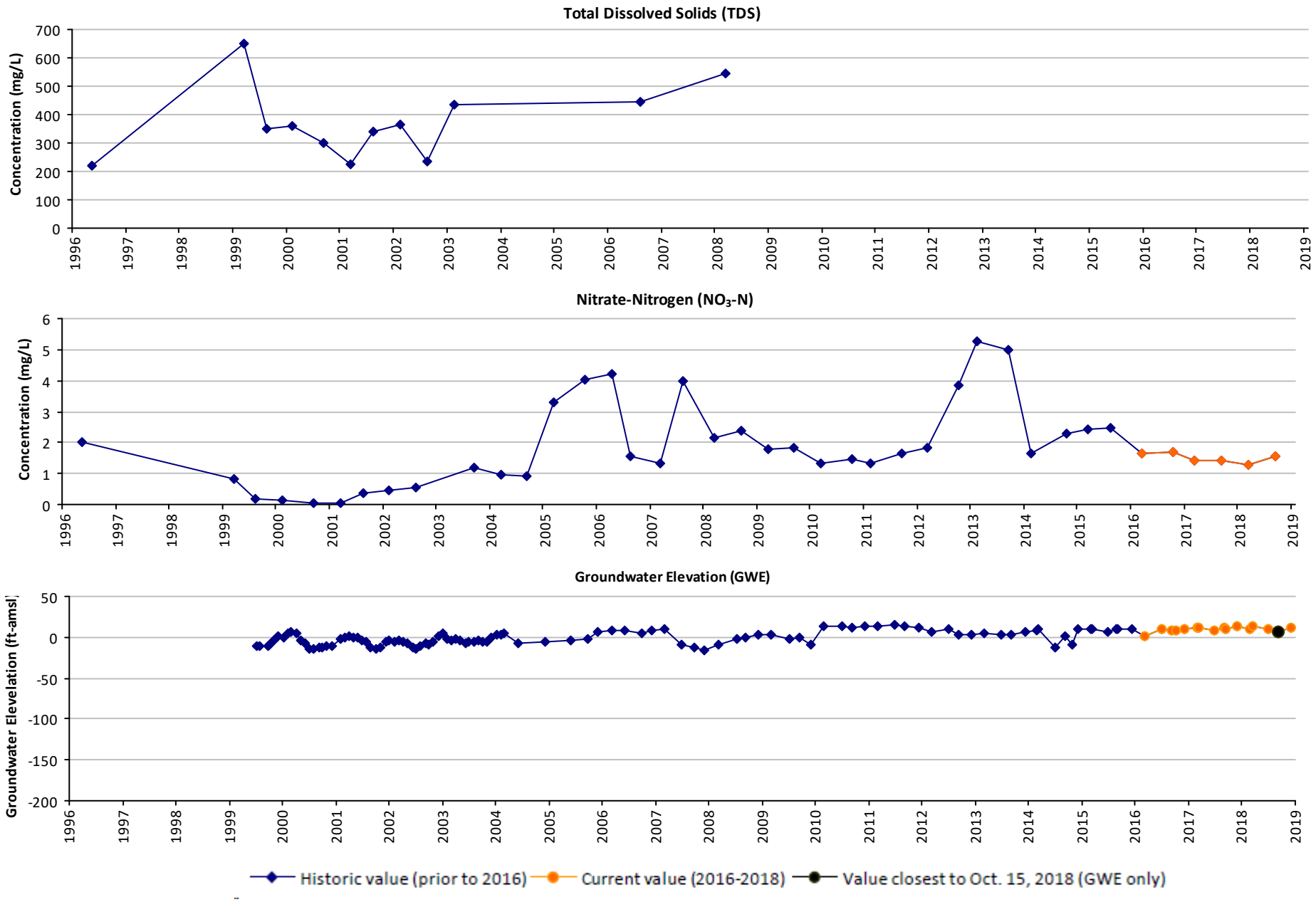
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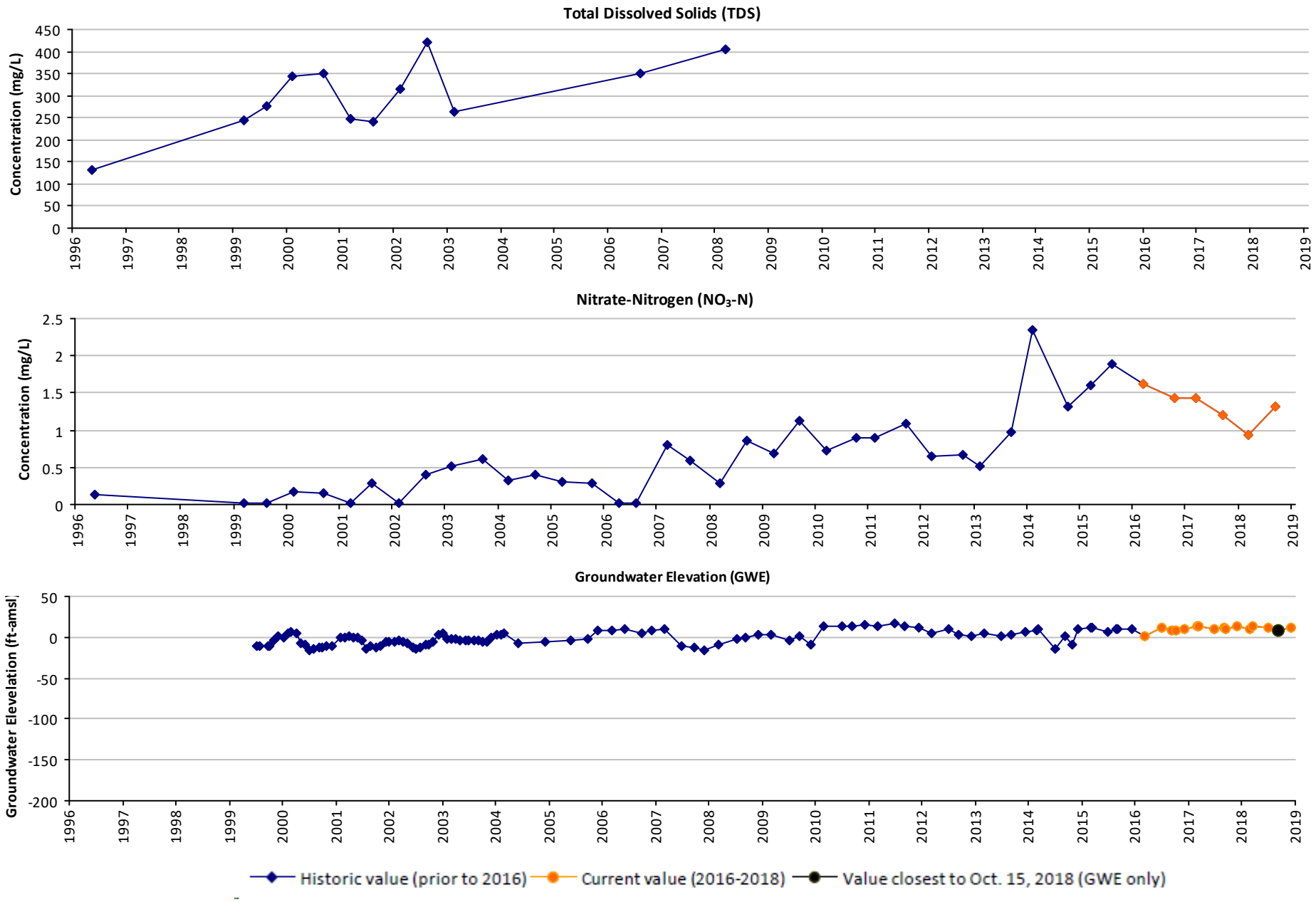
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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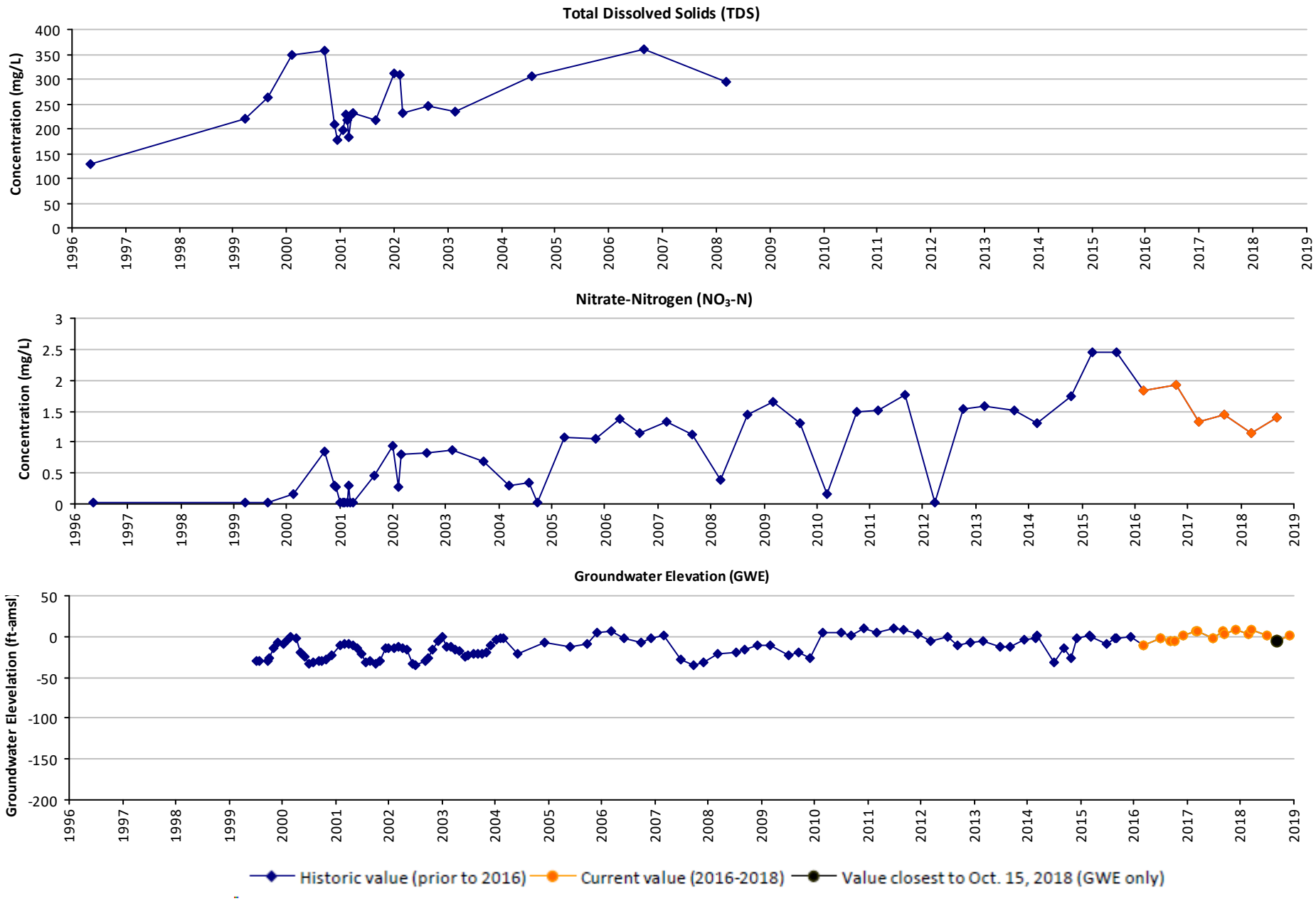
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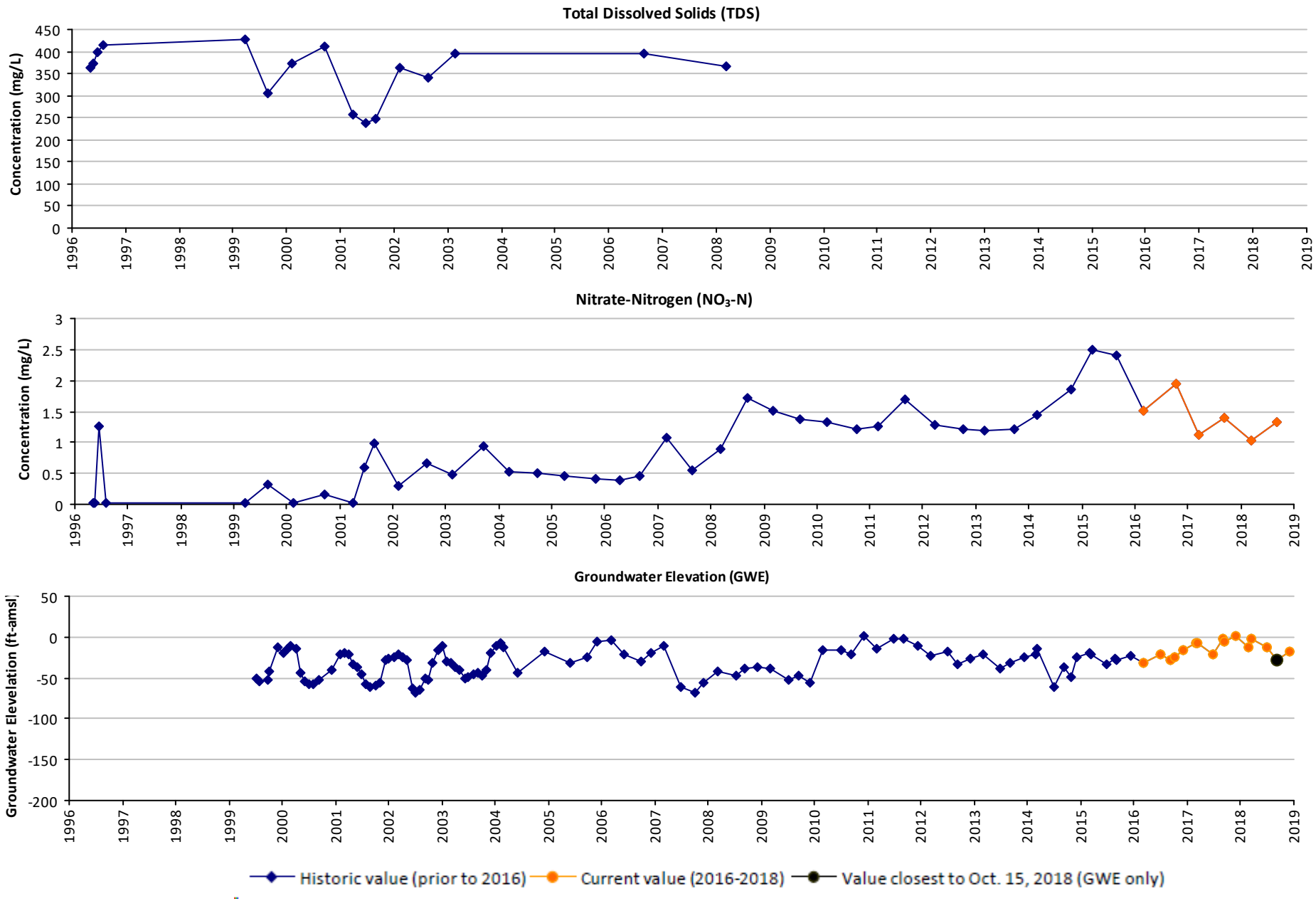
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Concentration (mg/L)
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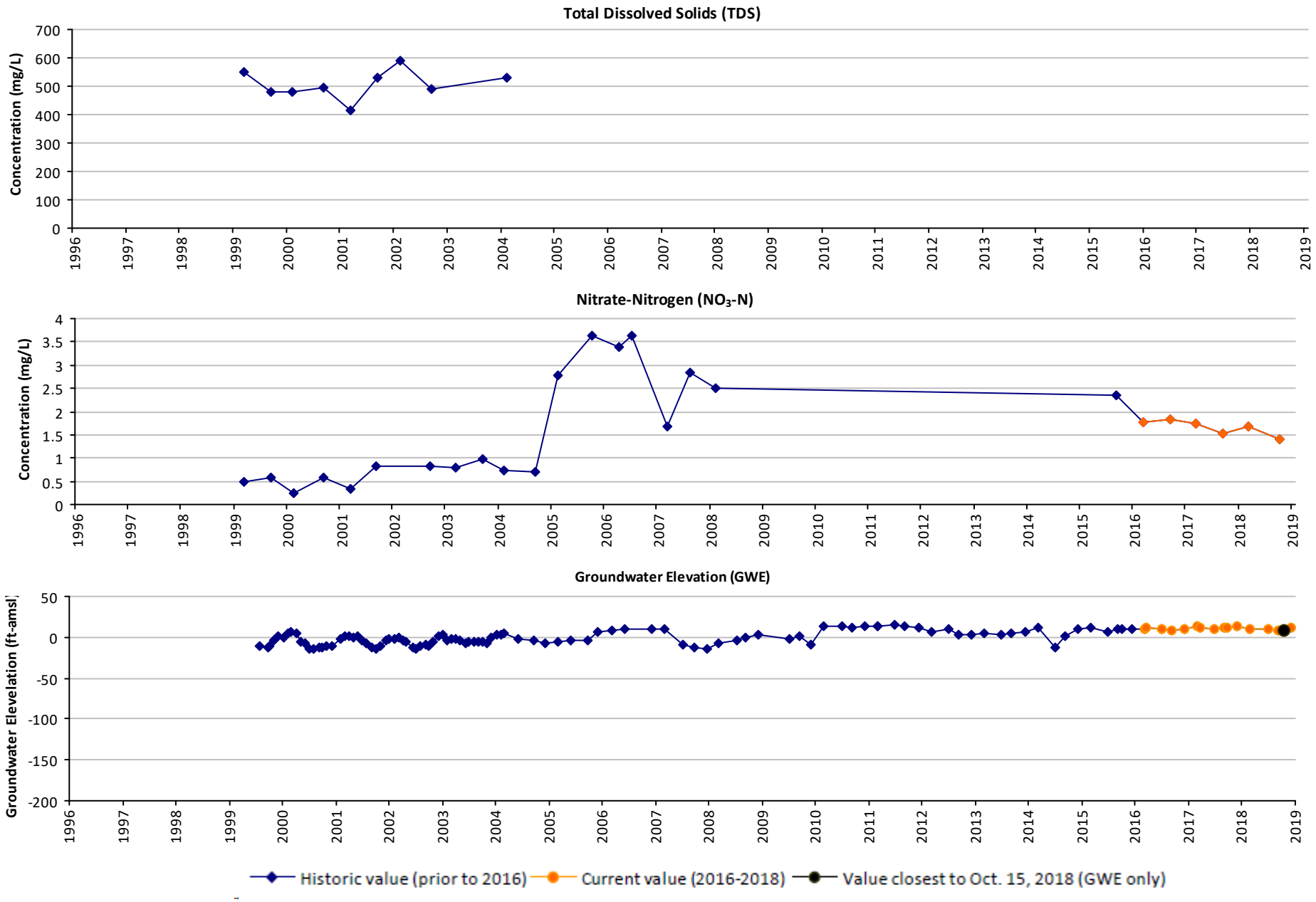
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Concentration (mg/L)
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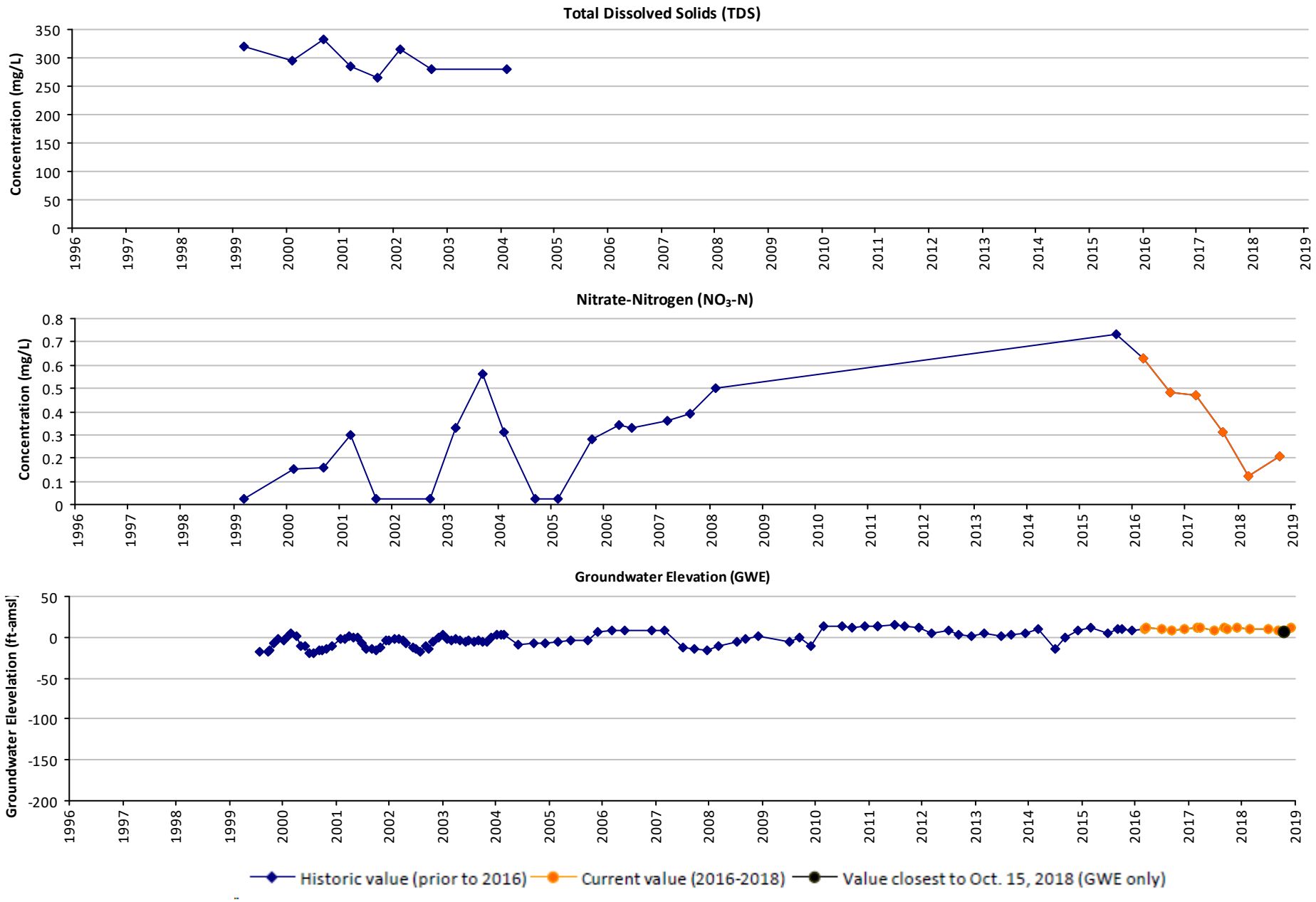
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevelation (ft-amsl)
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Current value (2016-2018)
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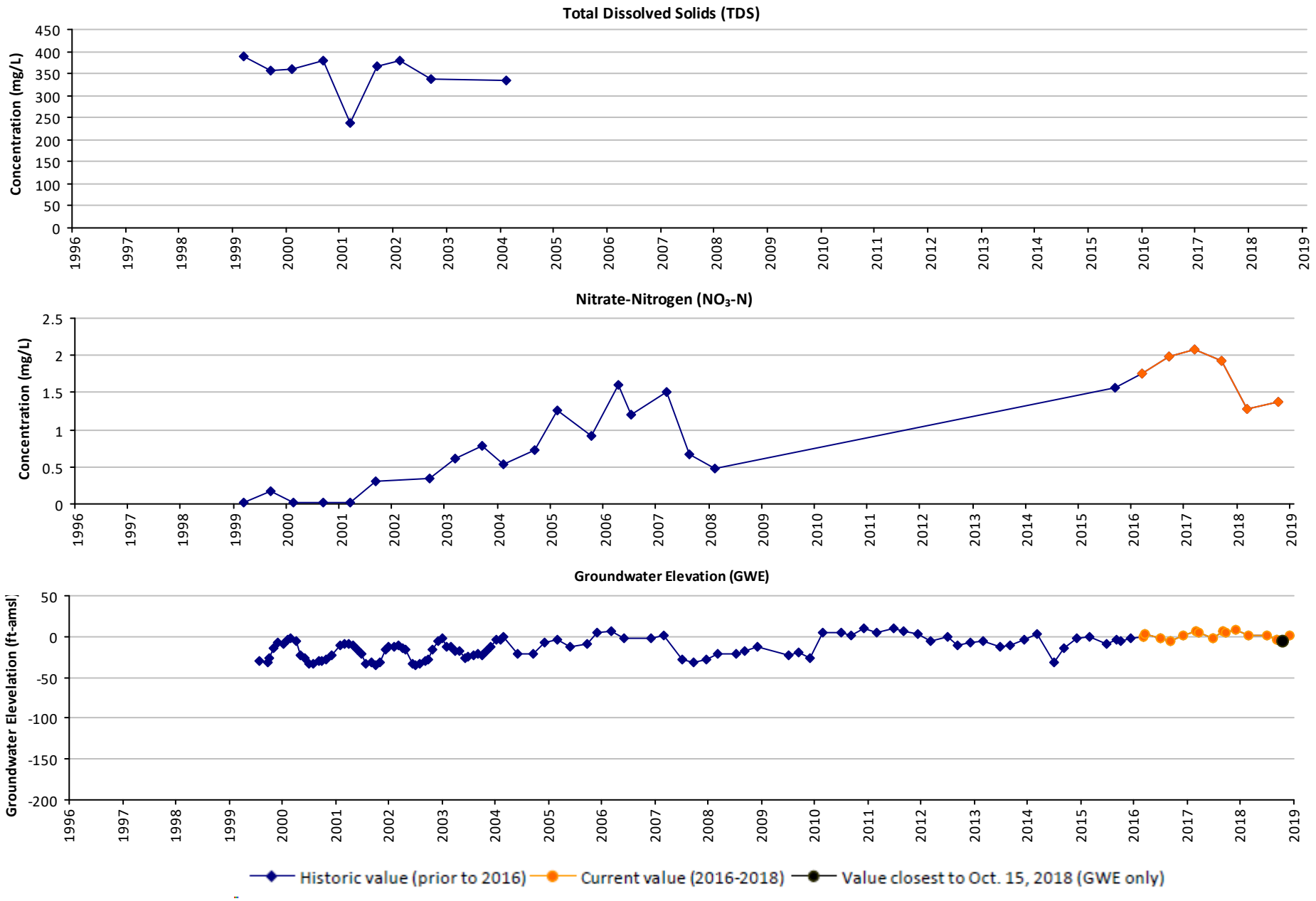
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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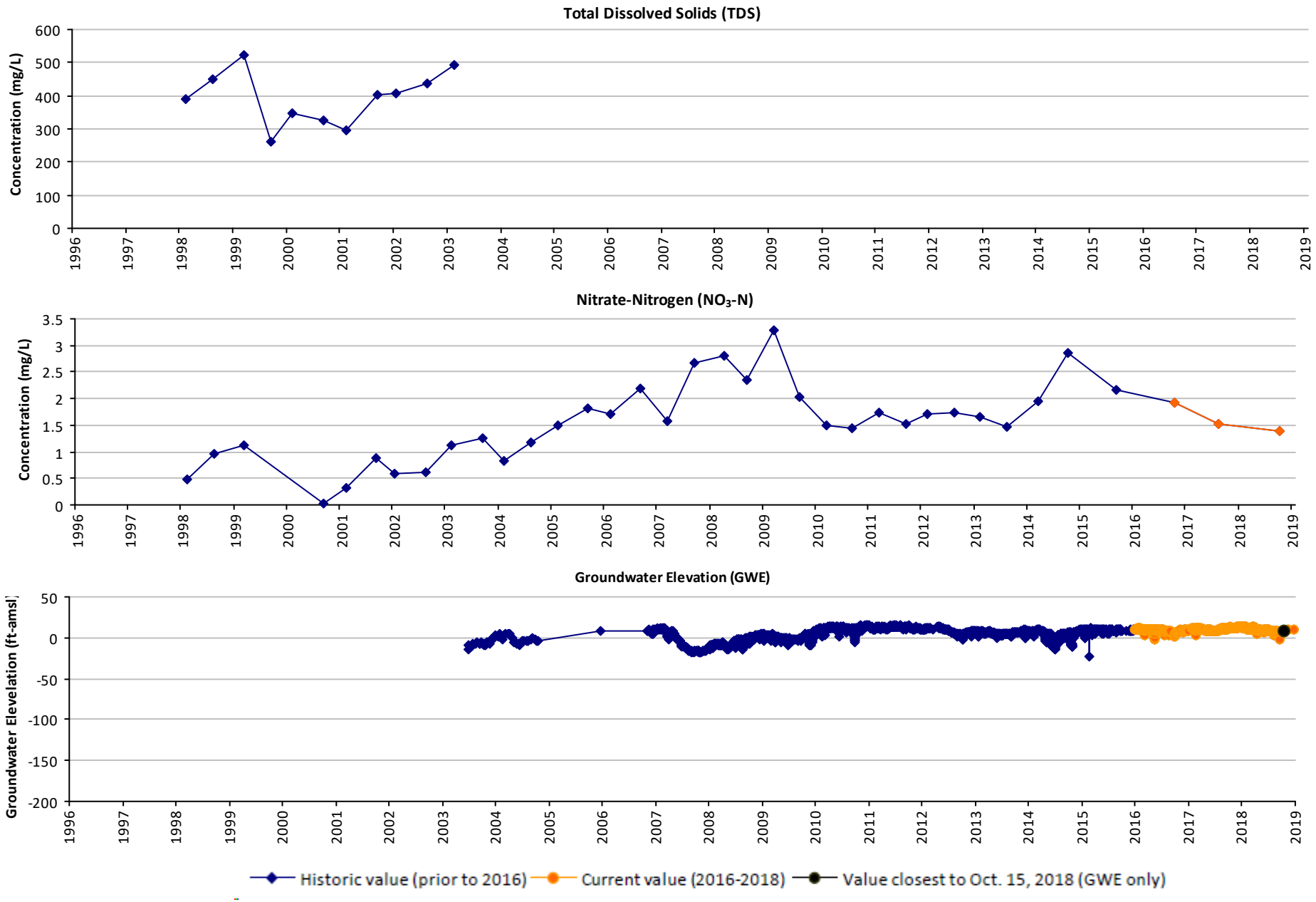
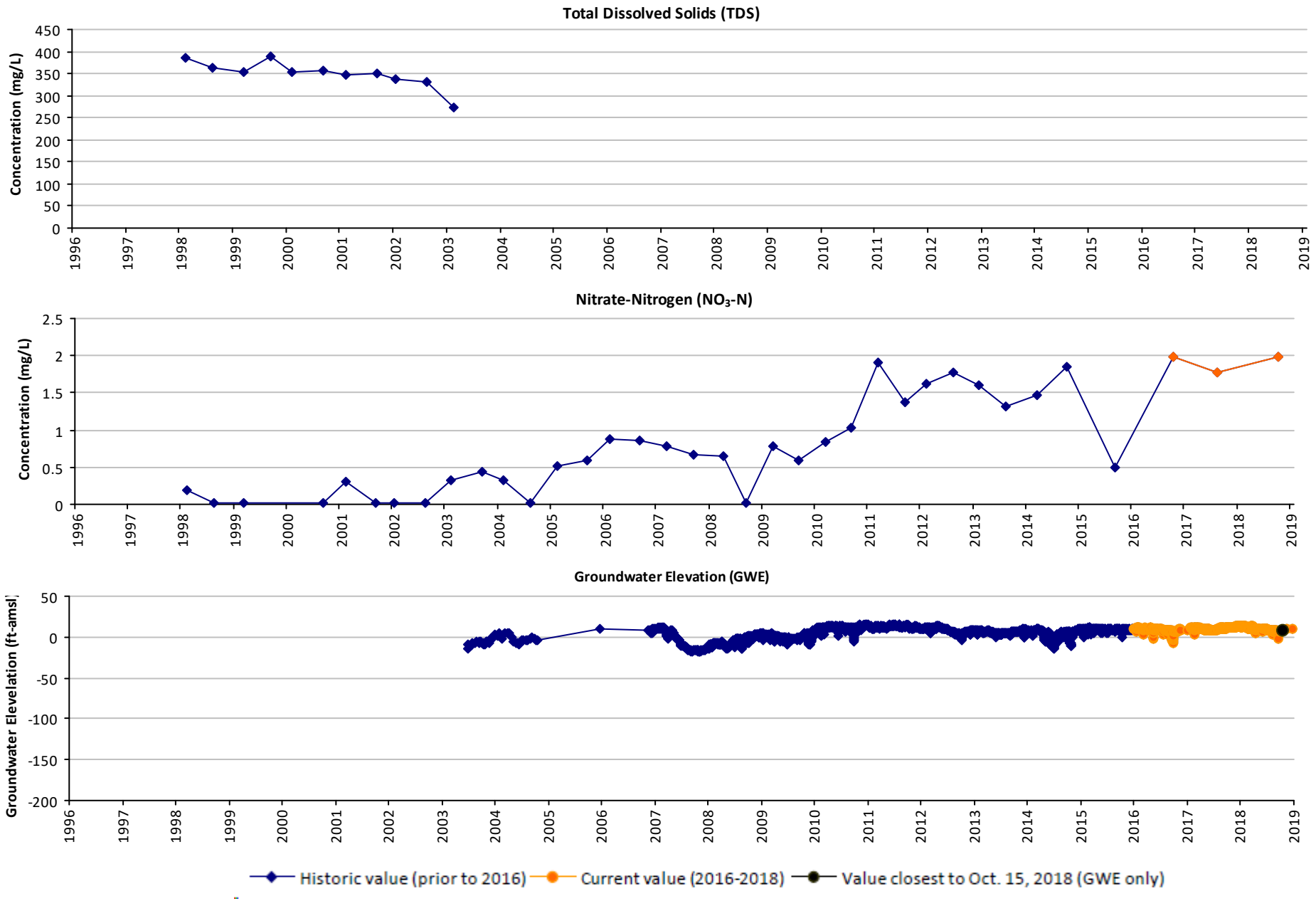

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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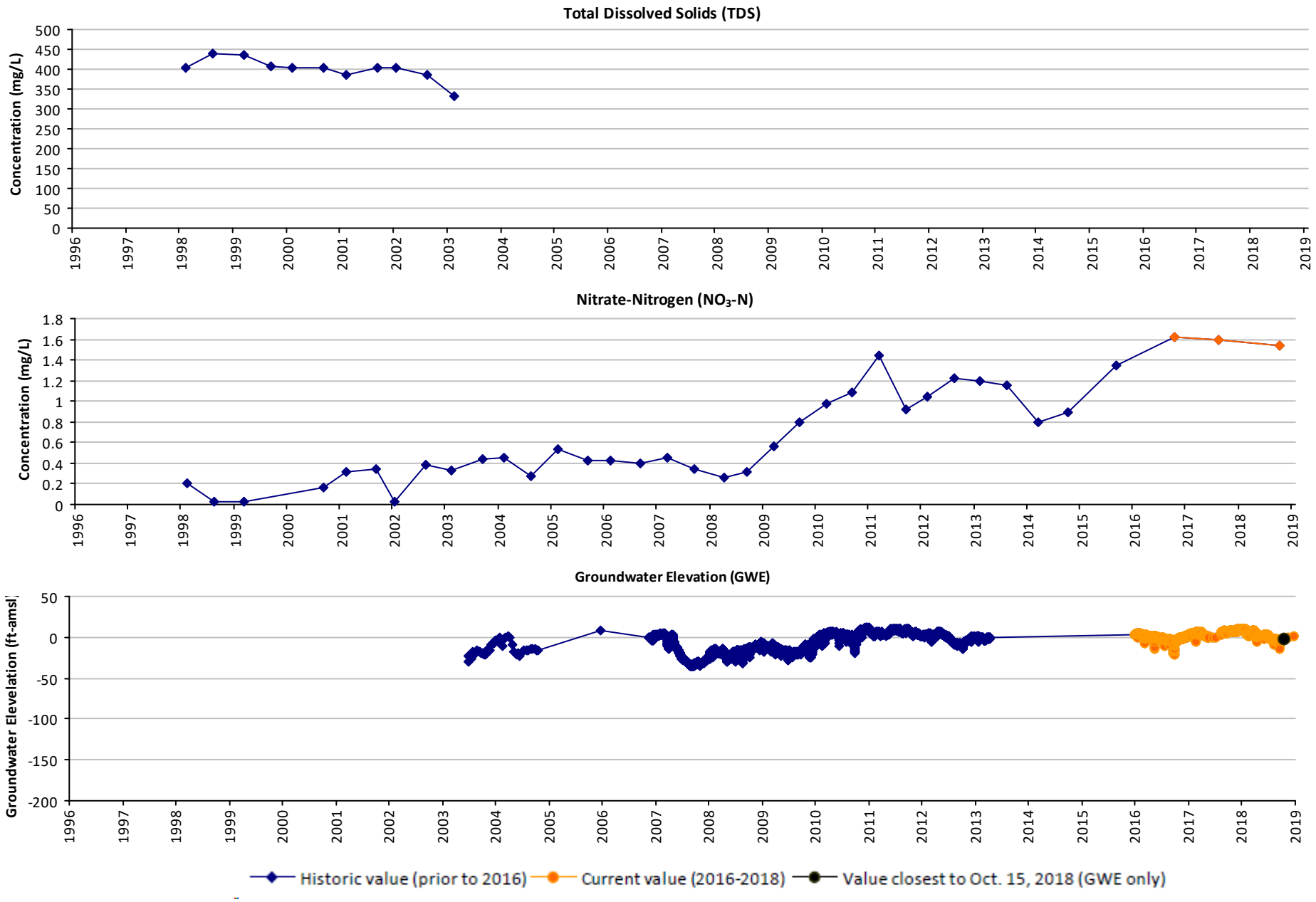
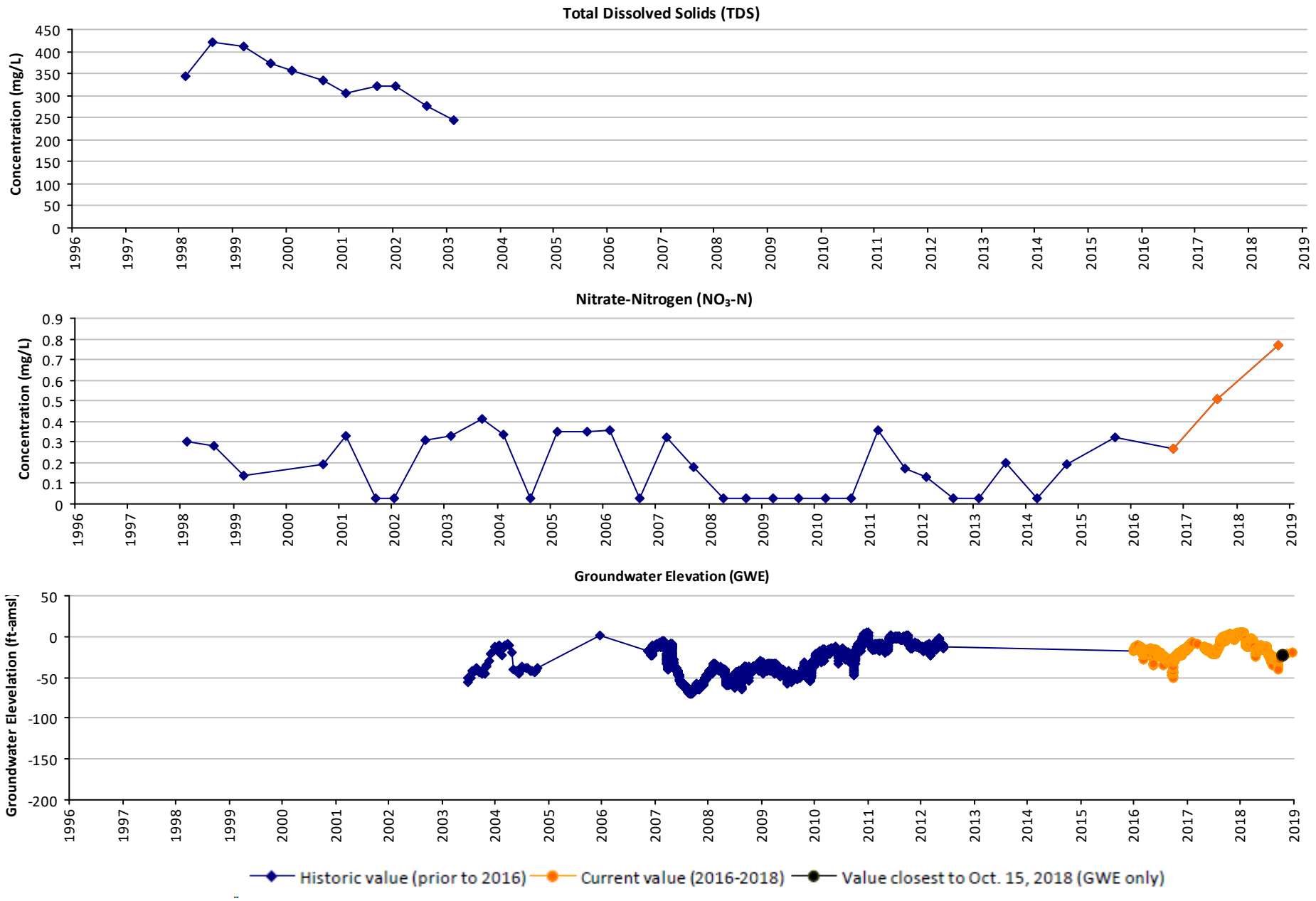
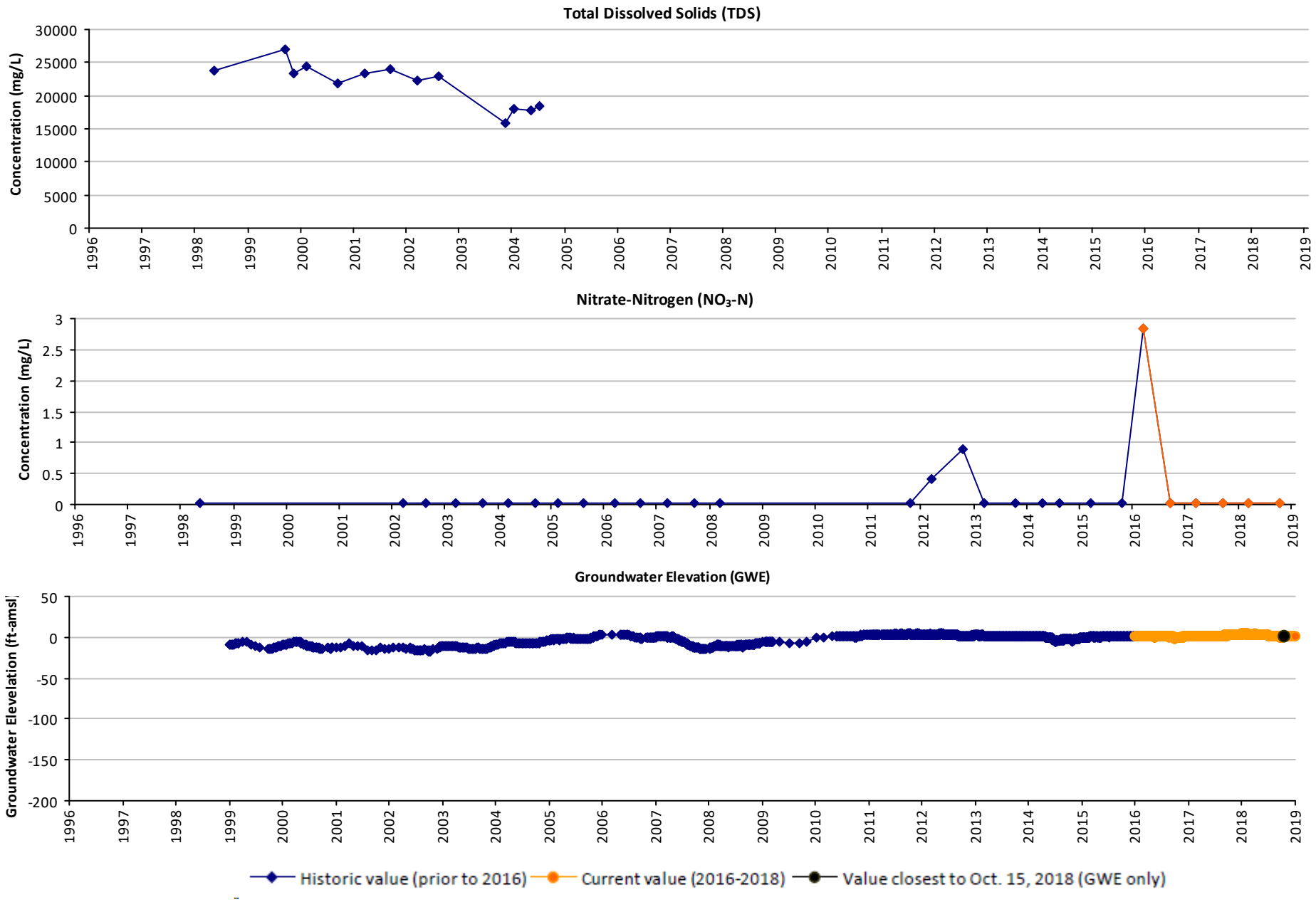
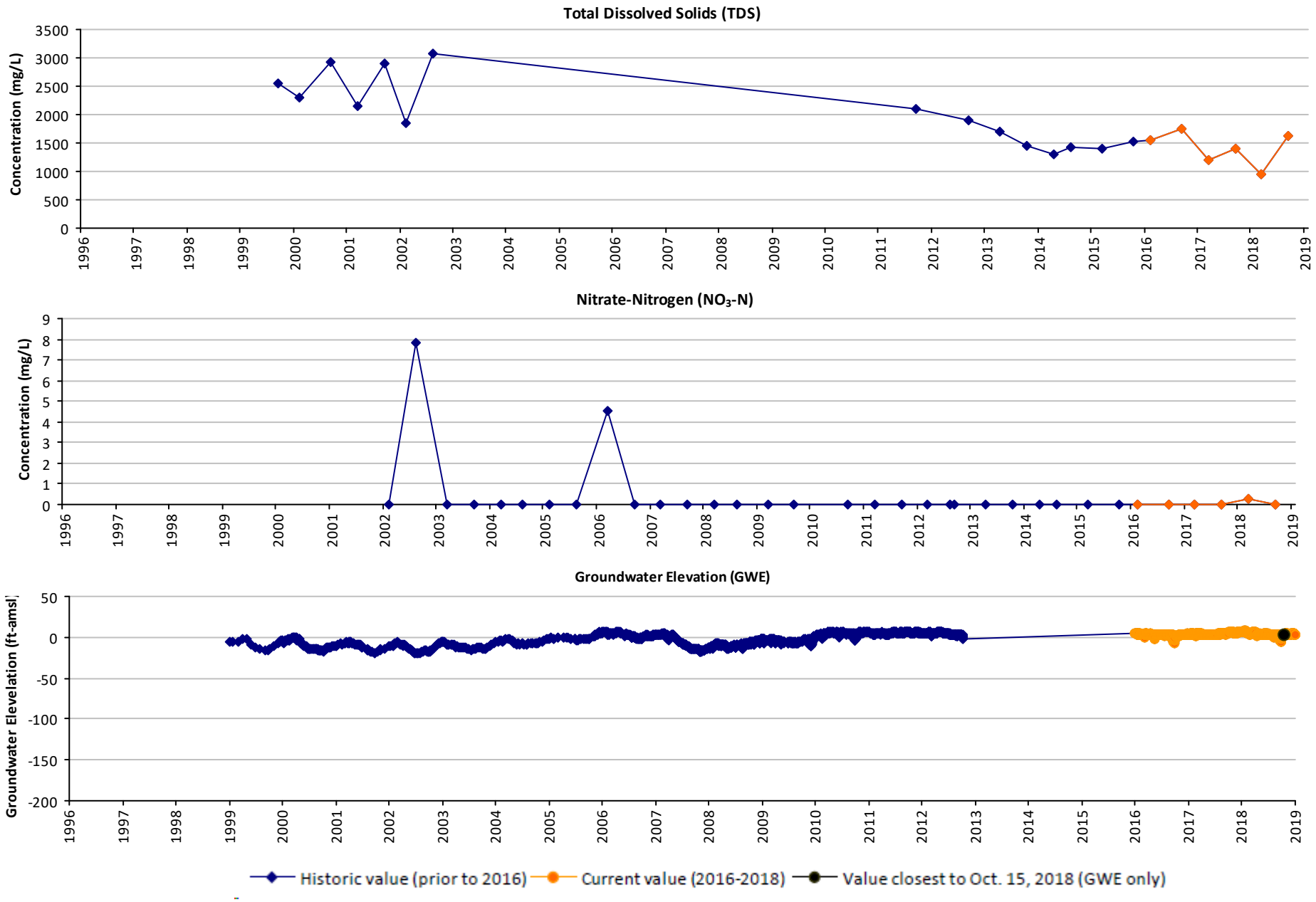
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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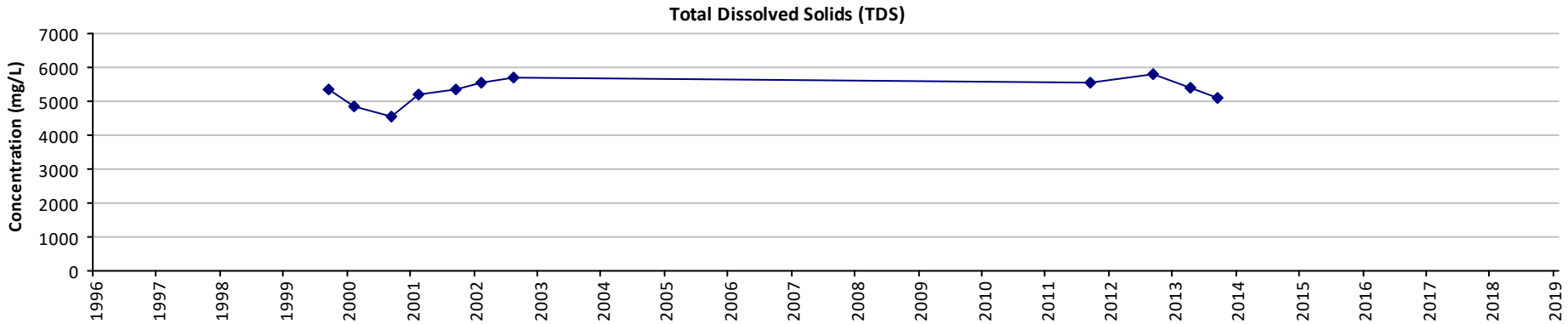
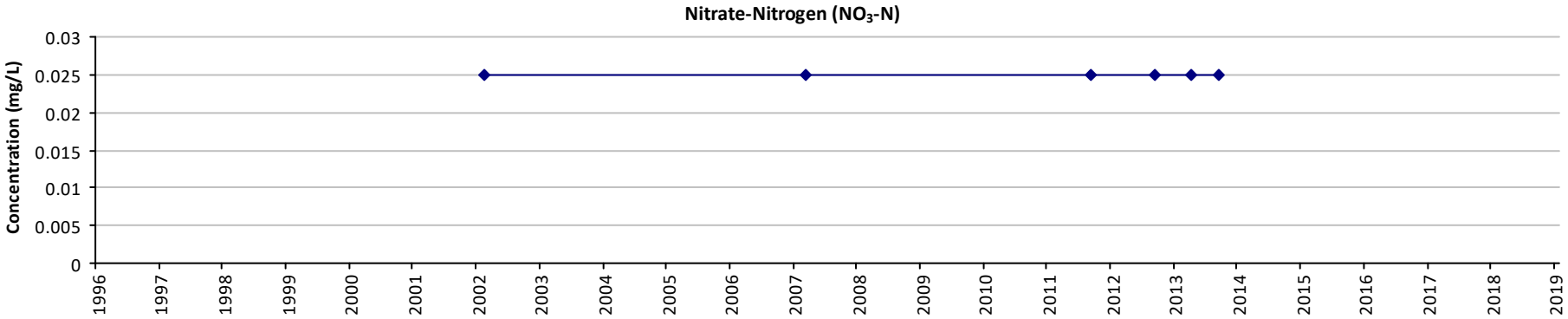
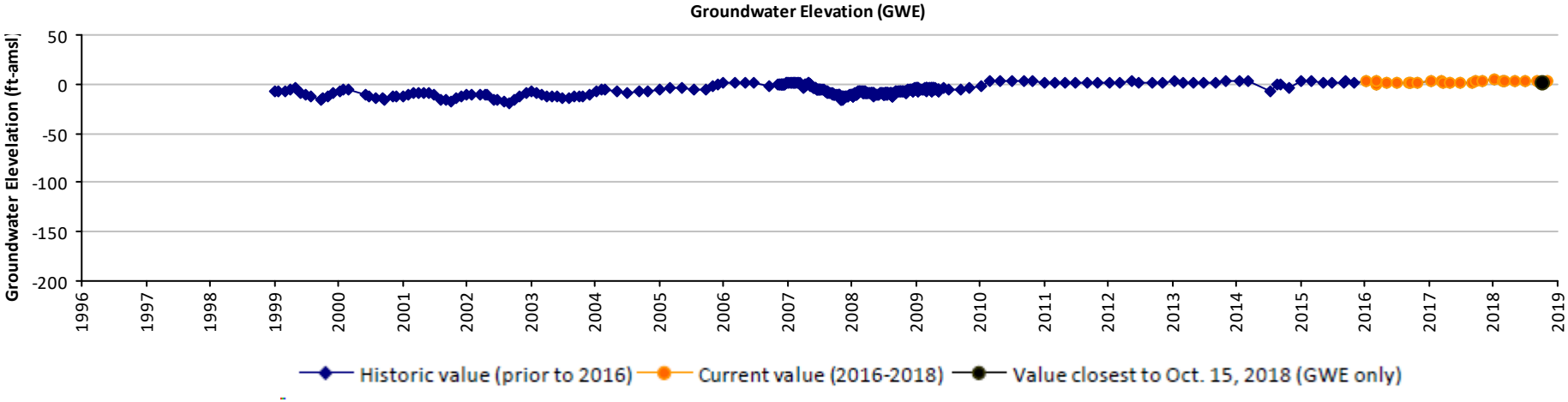
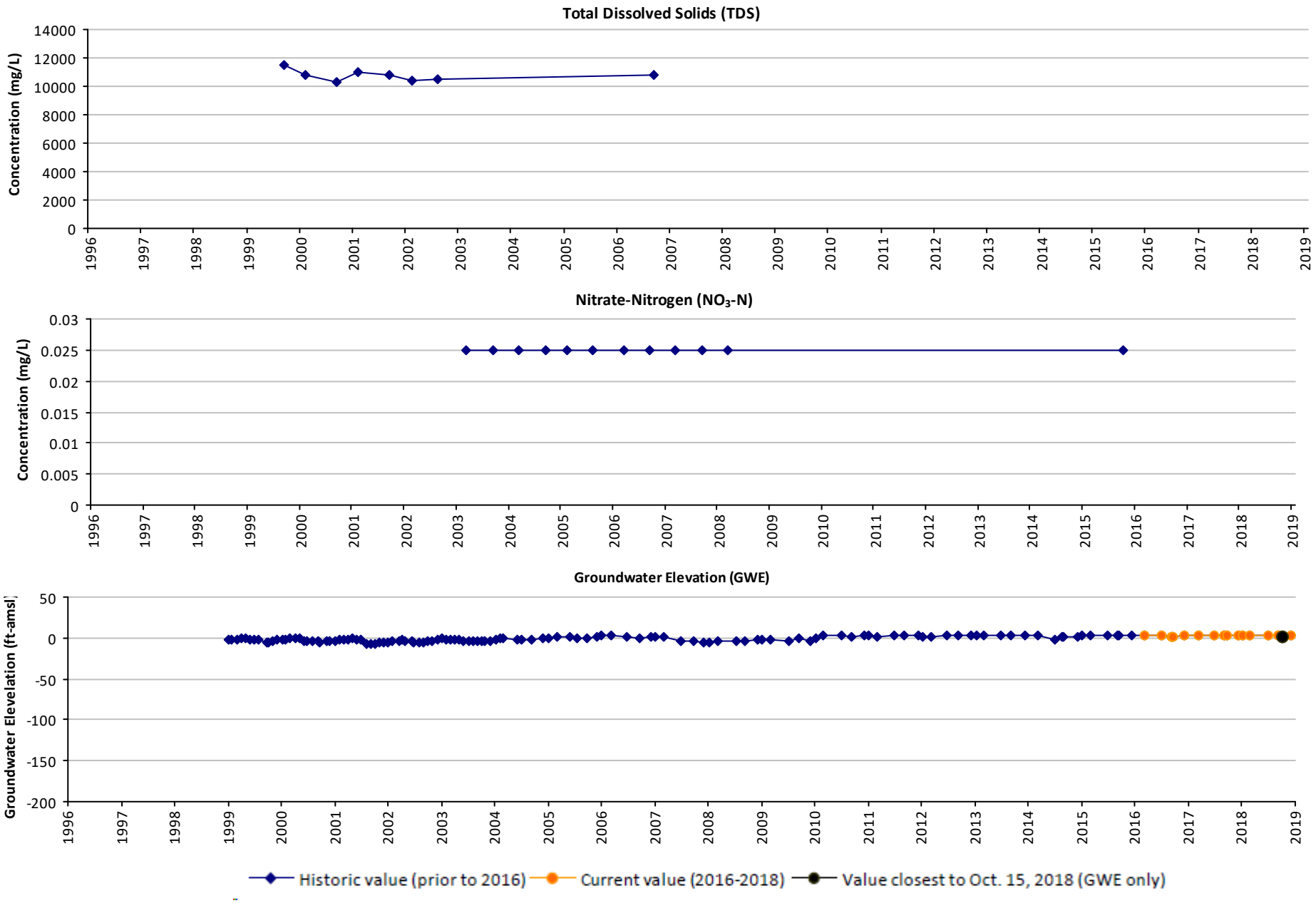
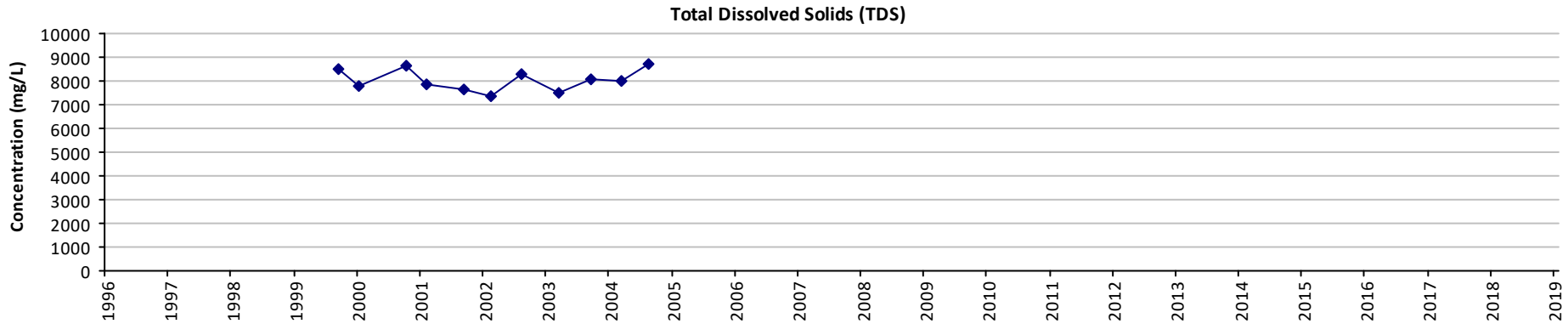
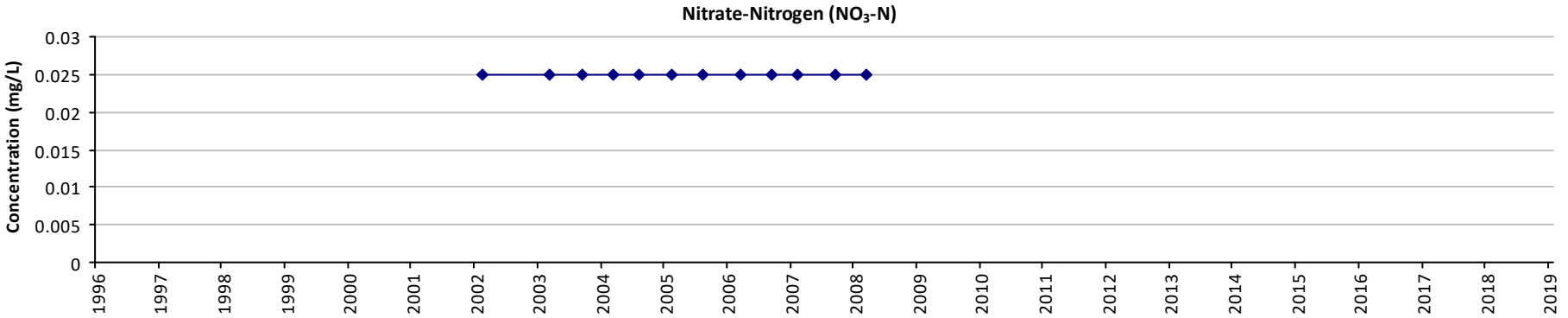

Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

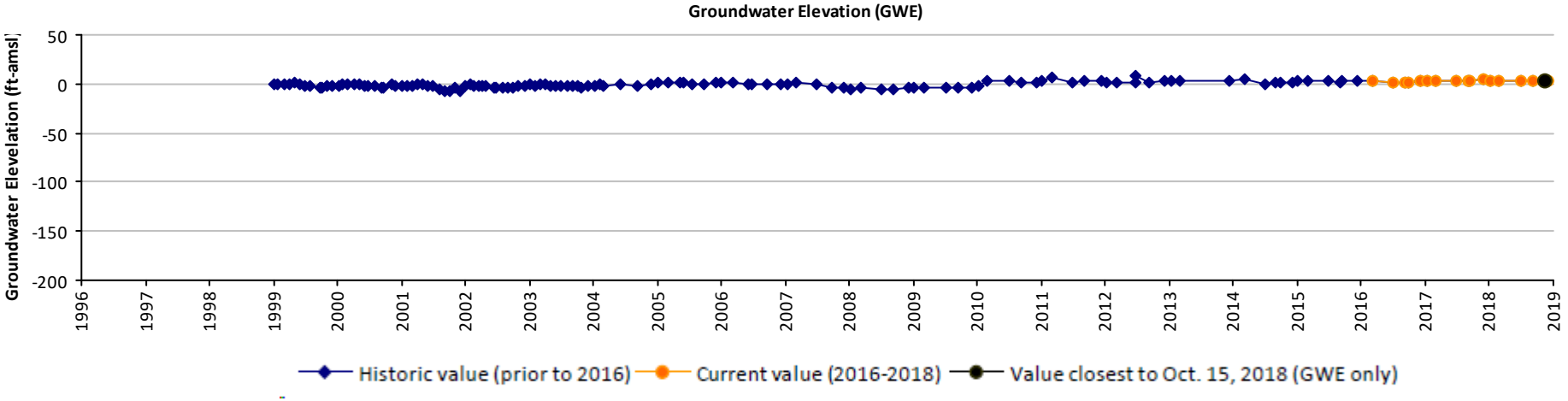

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

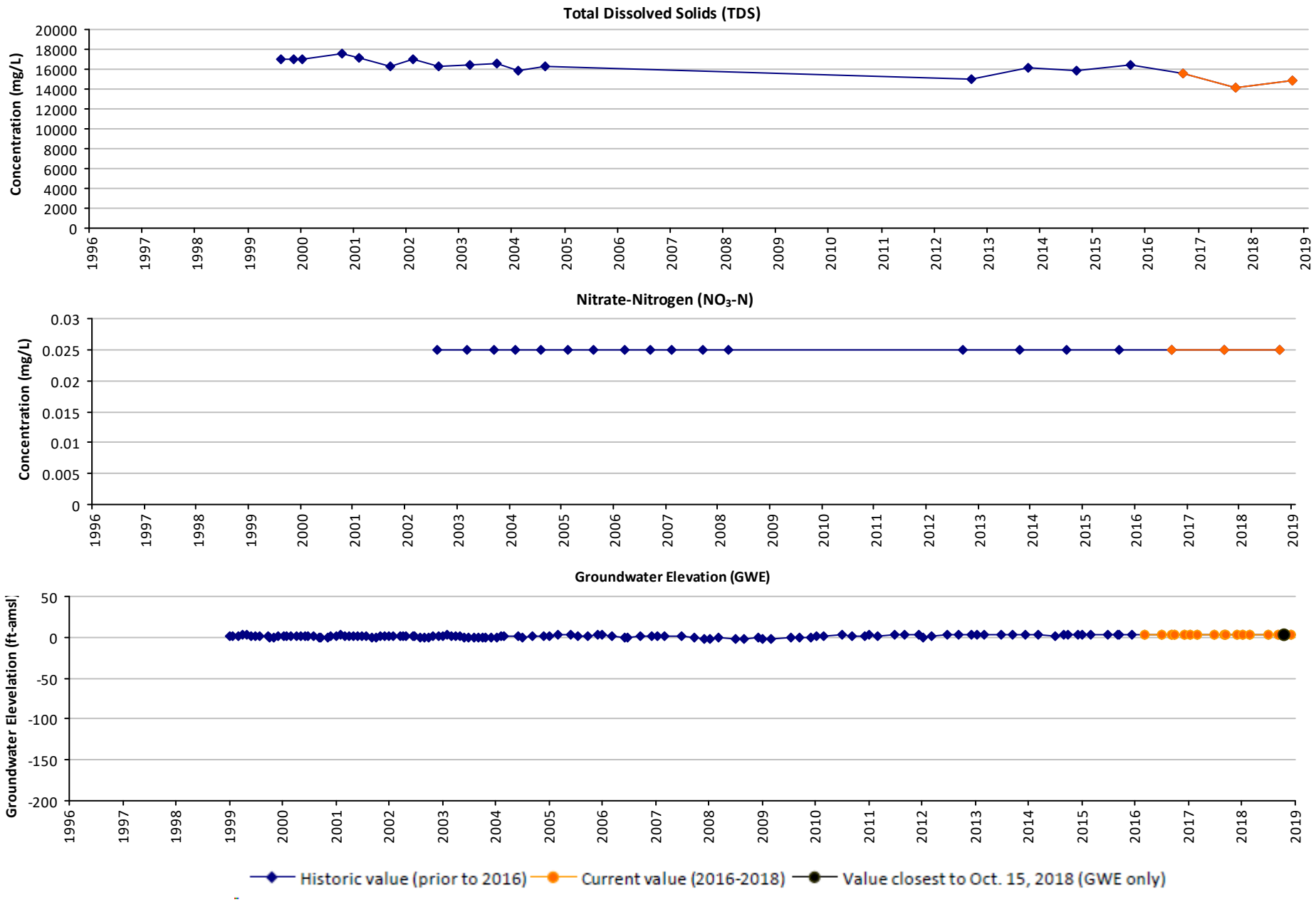

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

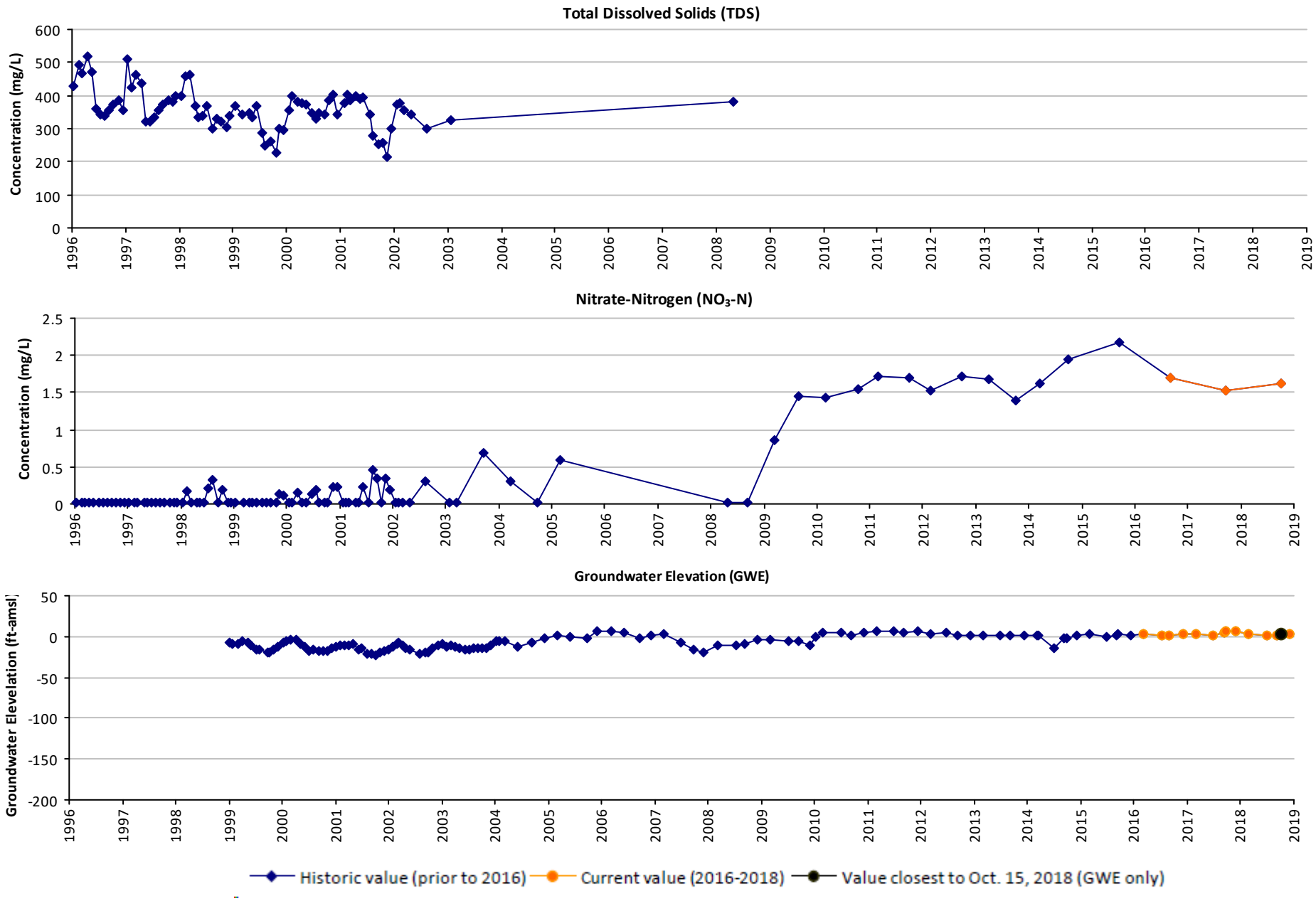

Total Dissolved Solids (TDS)
Concentration (mg/L)
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

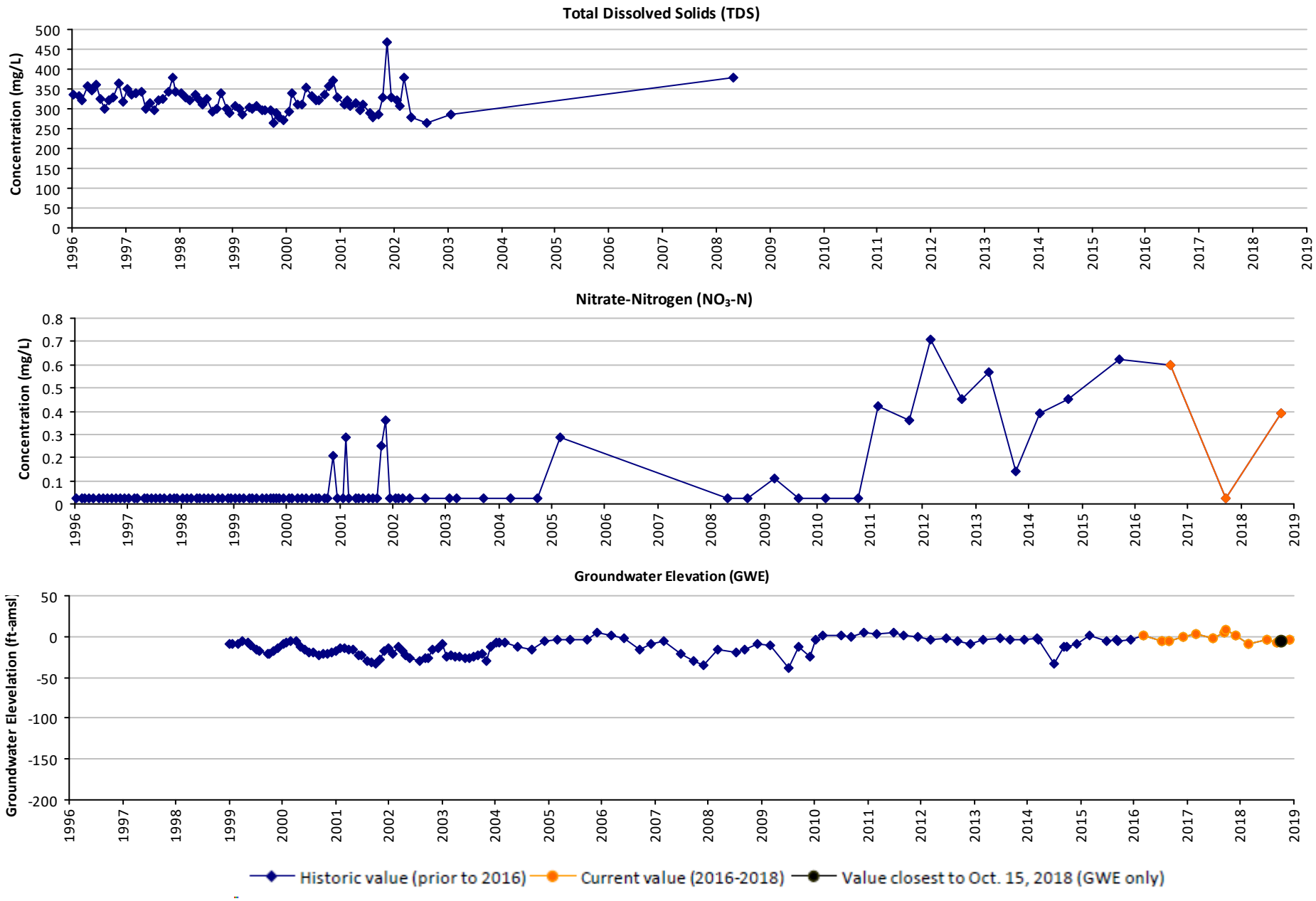

Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

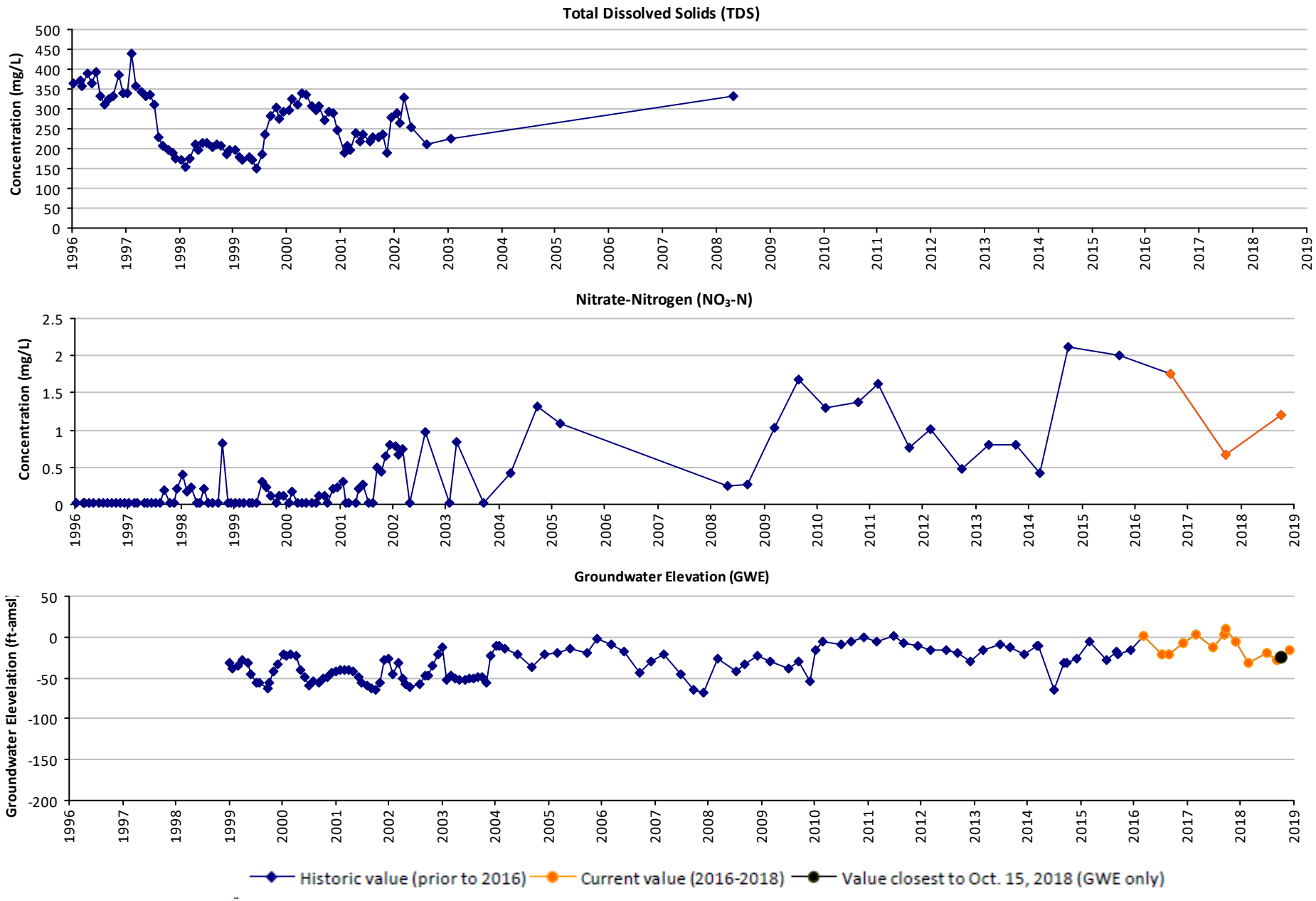

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

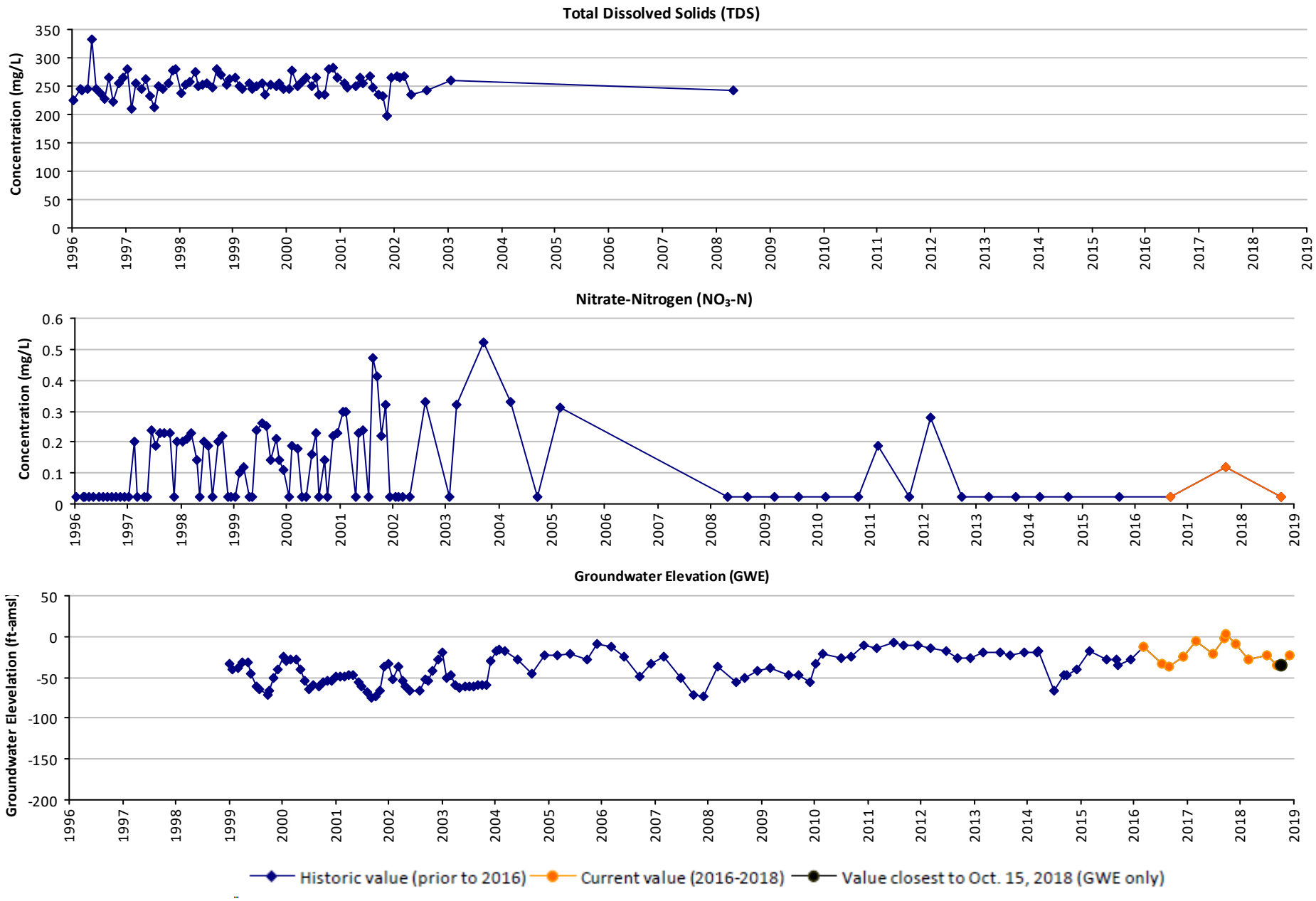

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

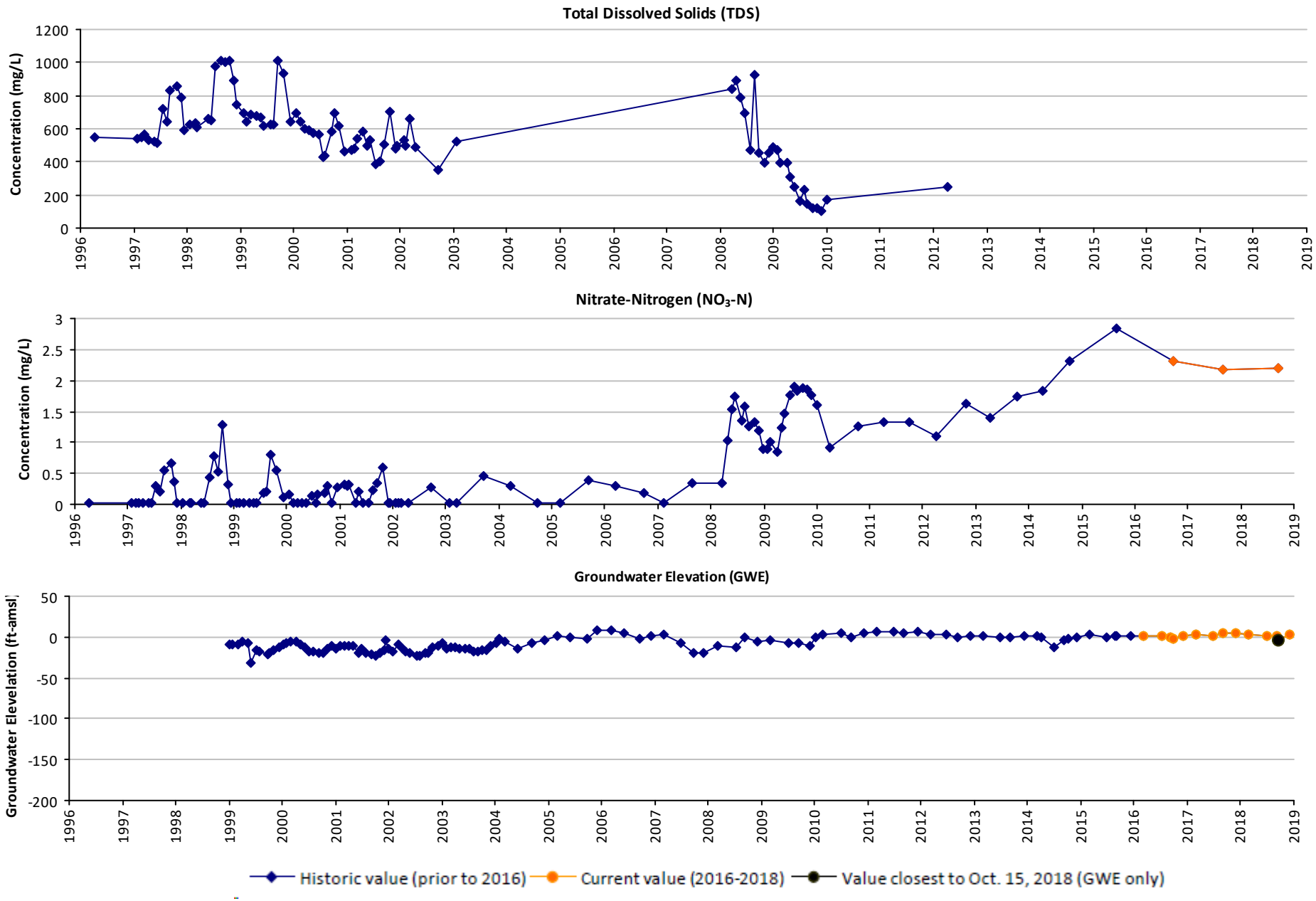

Total Dissolved Solids (TDS)
Concentration (mg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

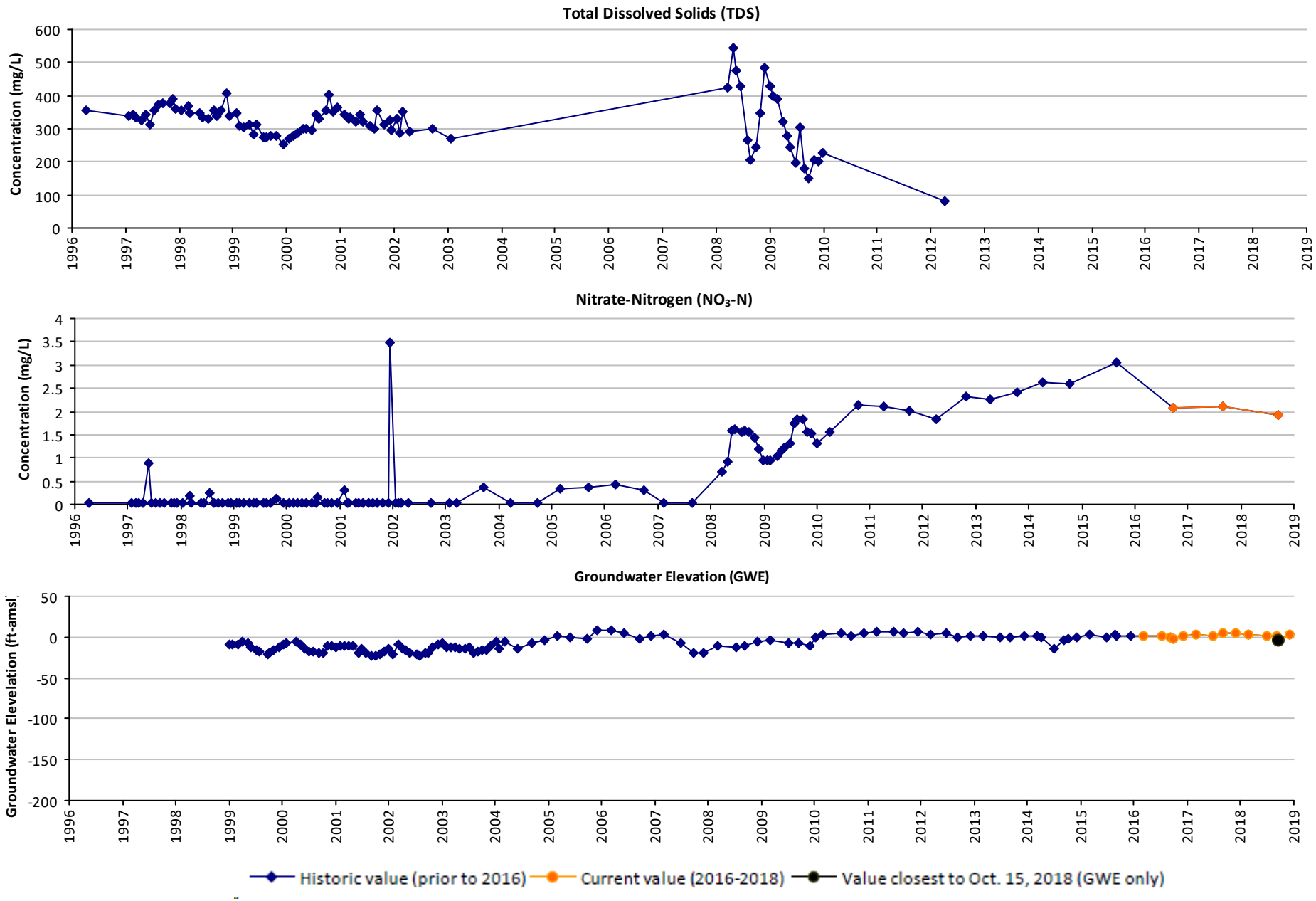

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

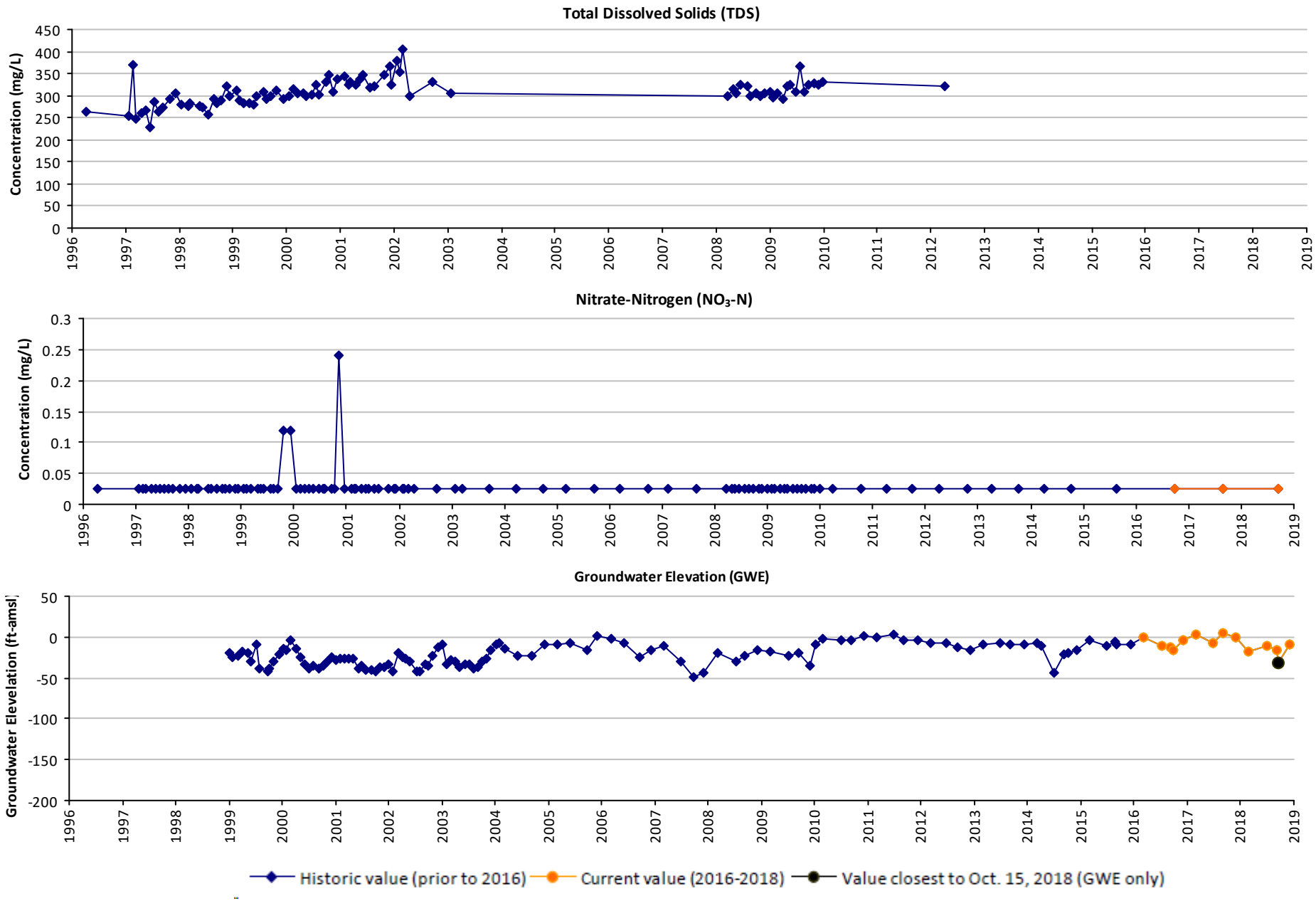

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

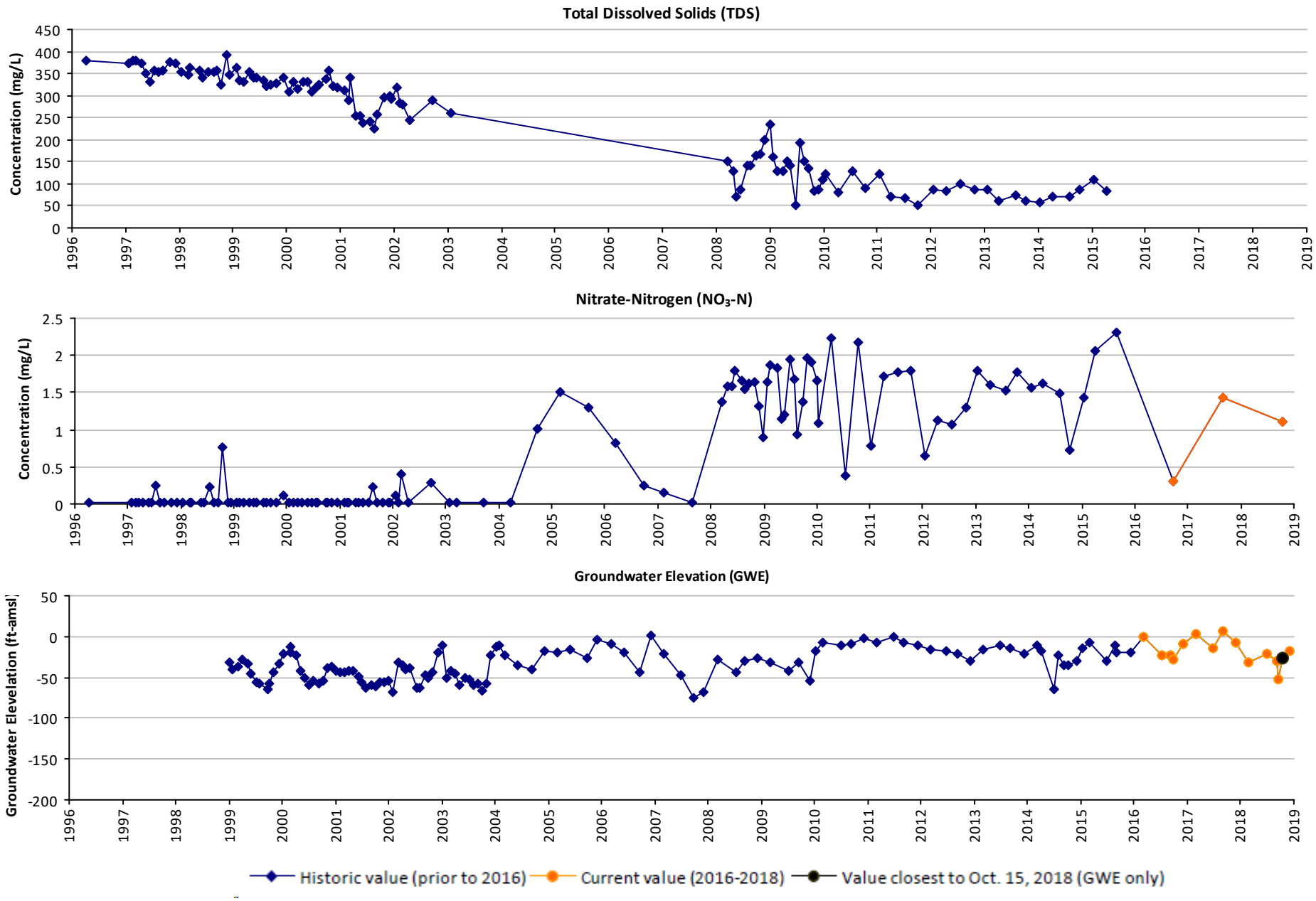

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

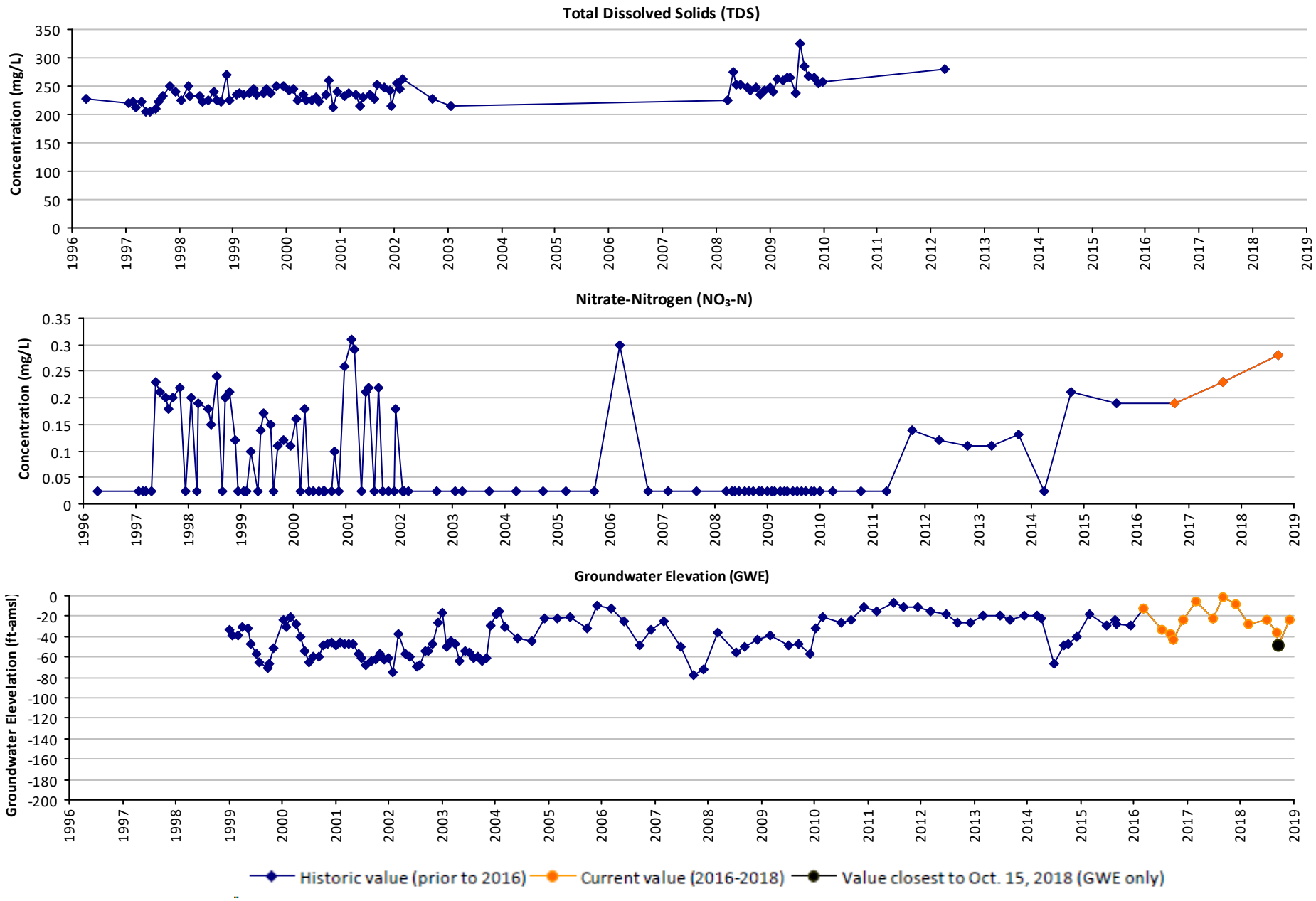

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

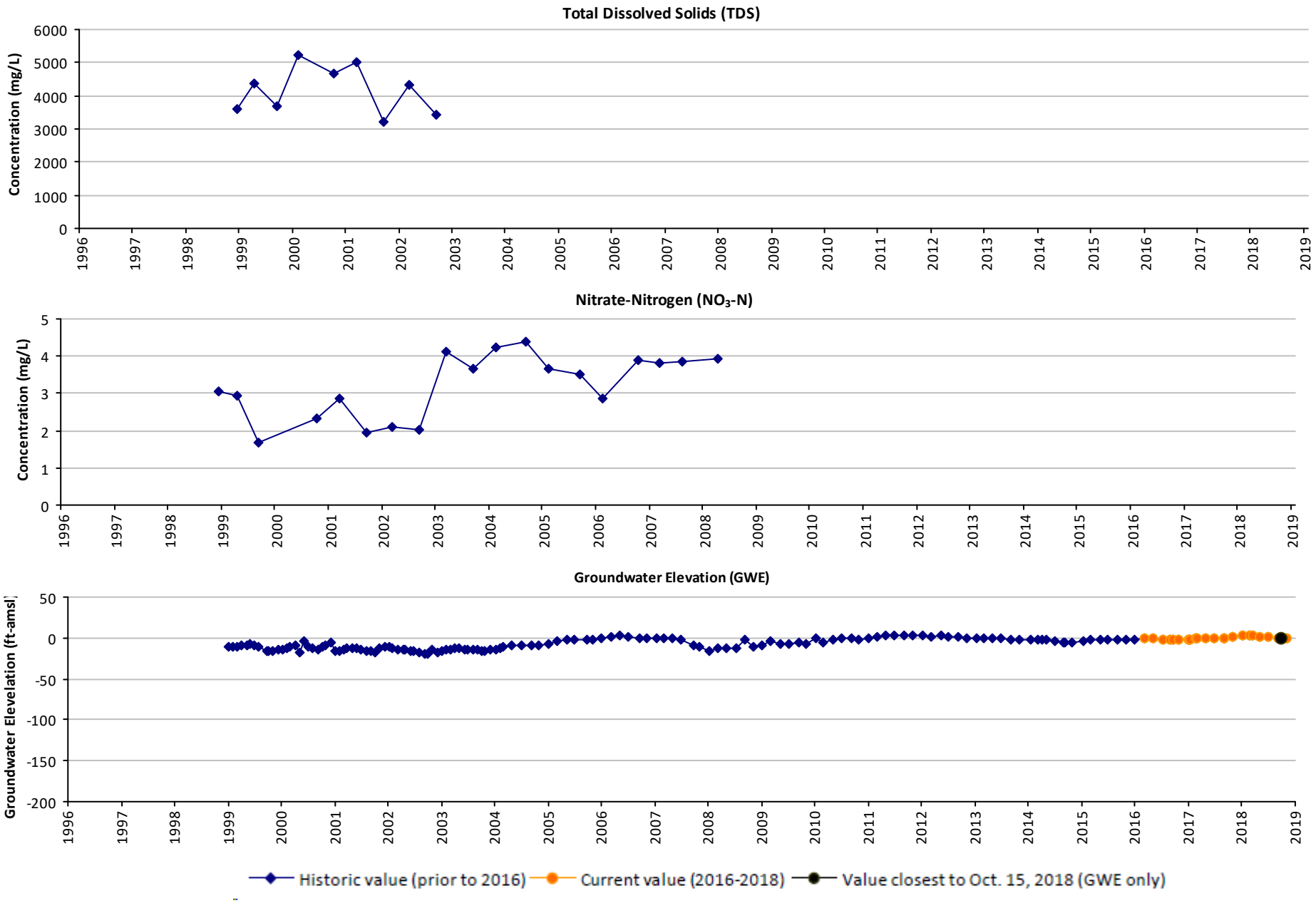

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

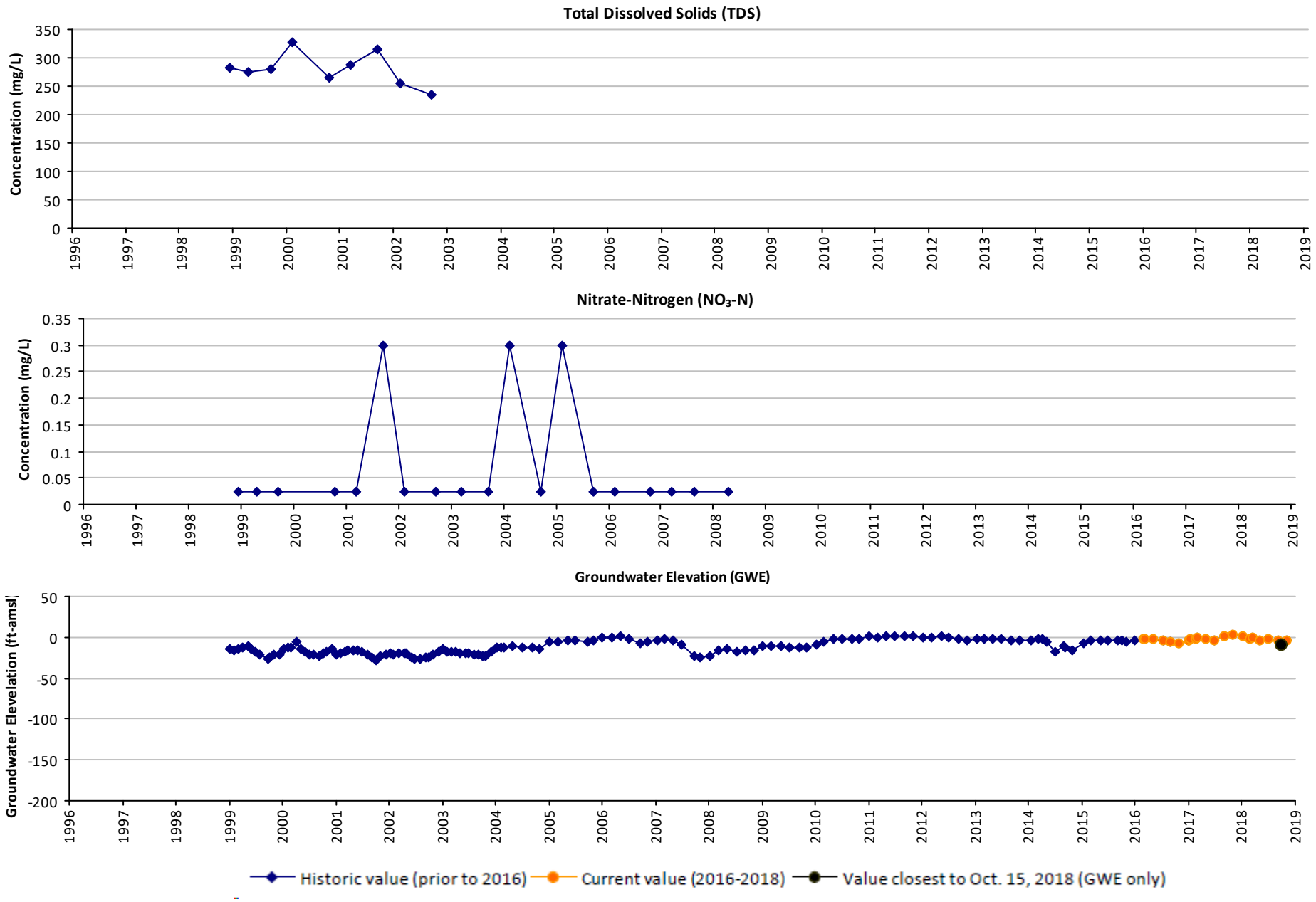

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

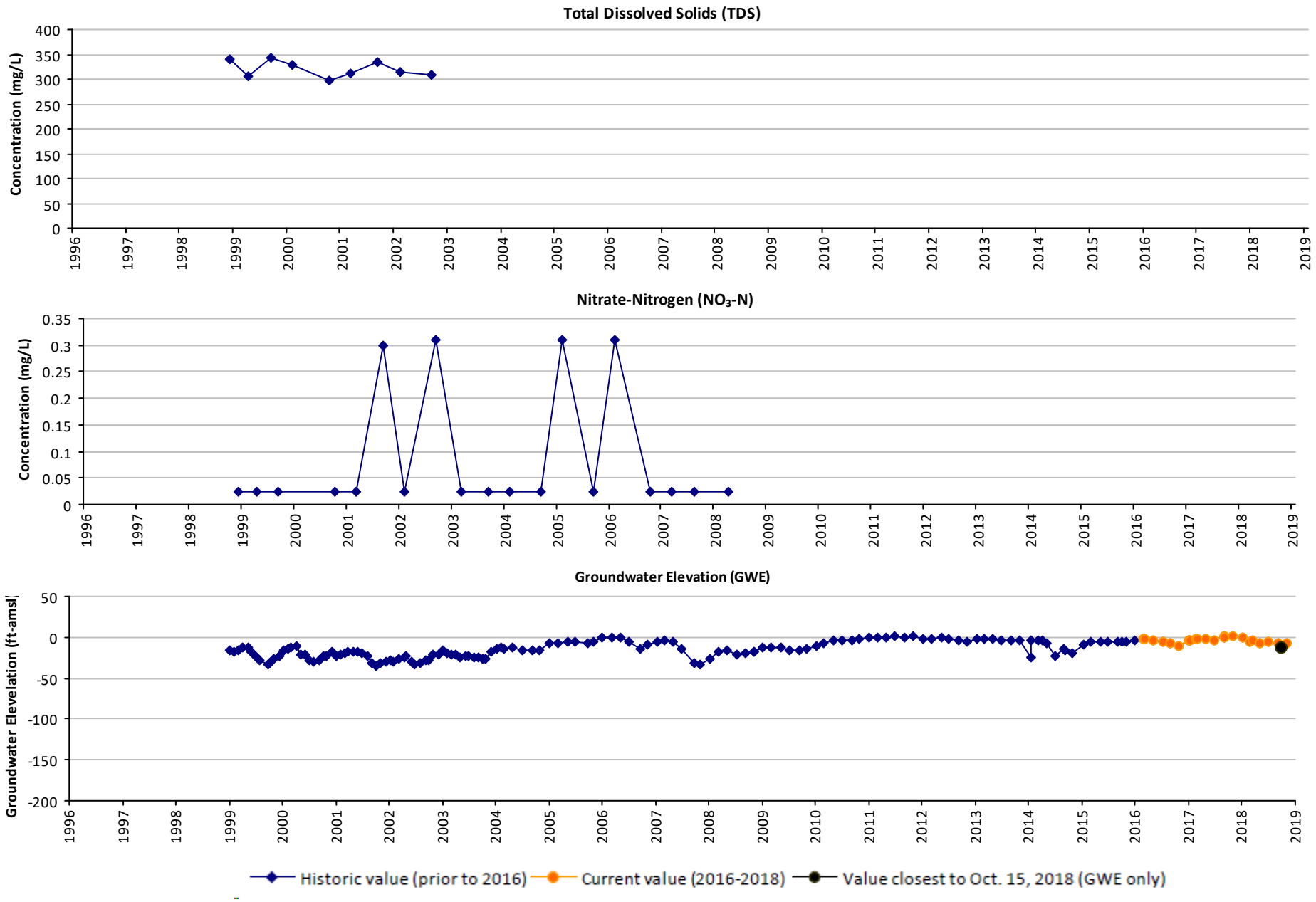

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

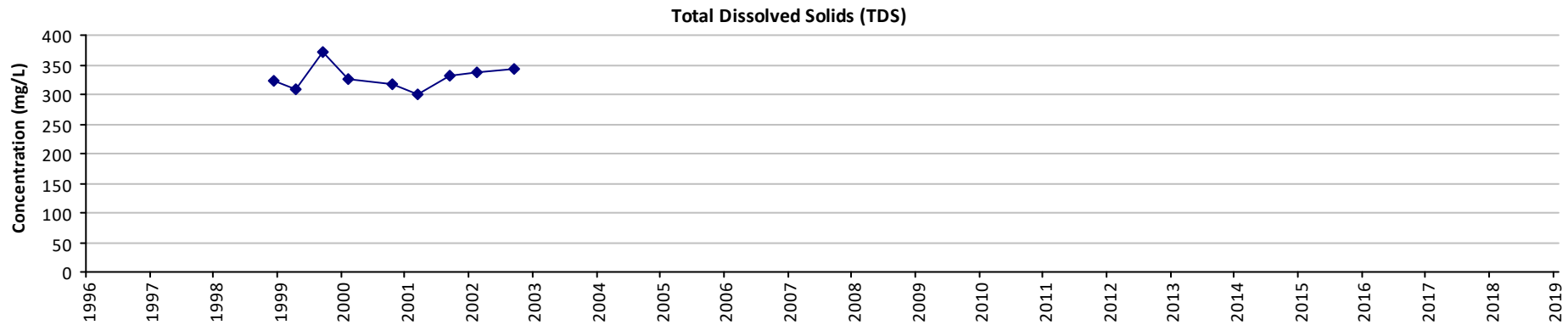

Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

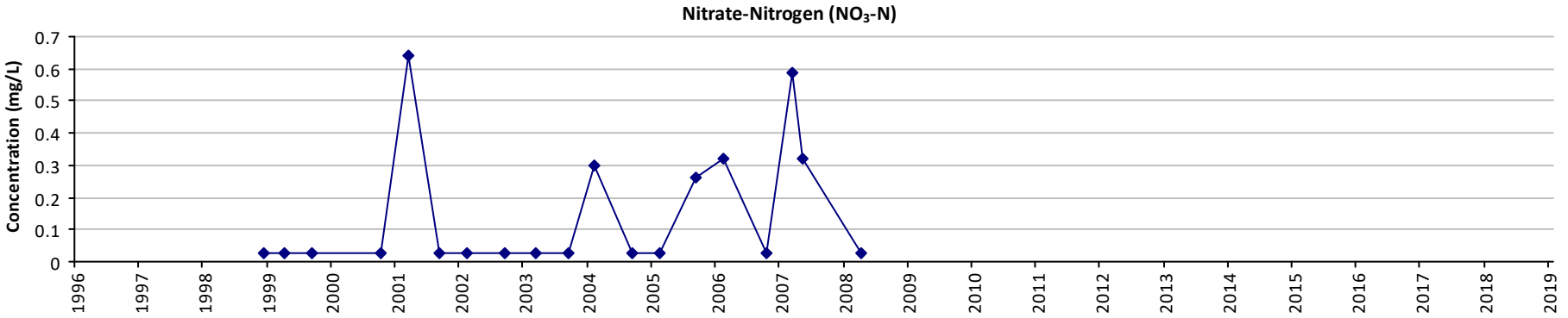

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

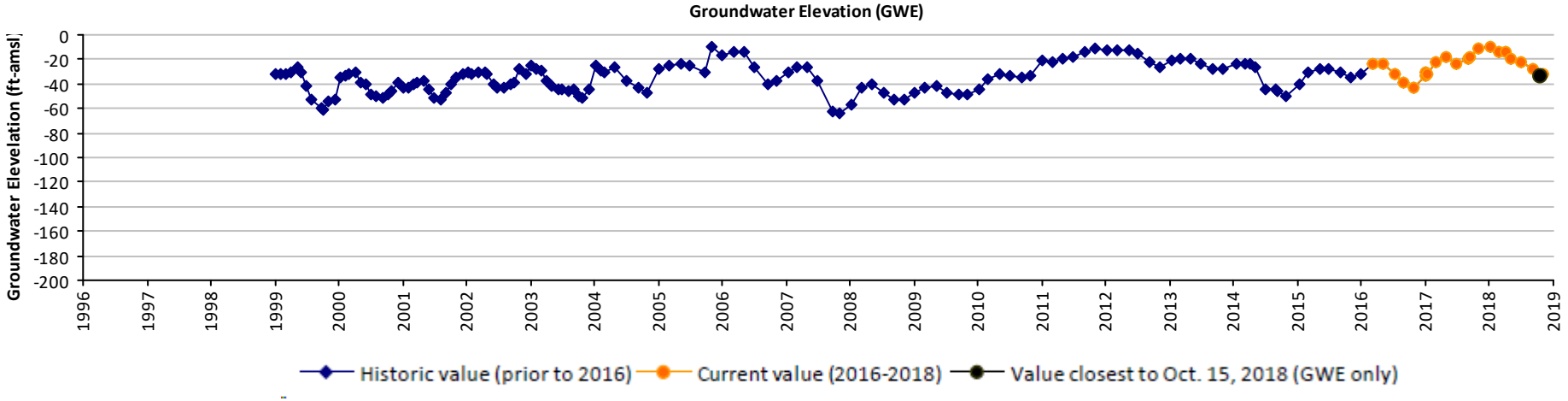

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

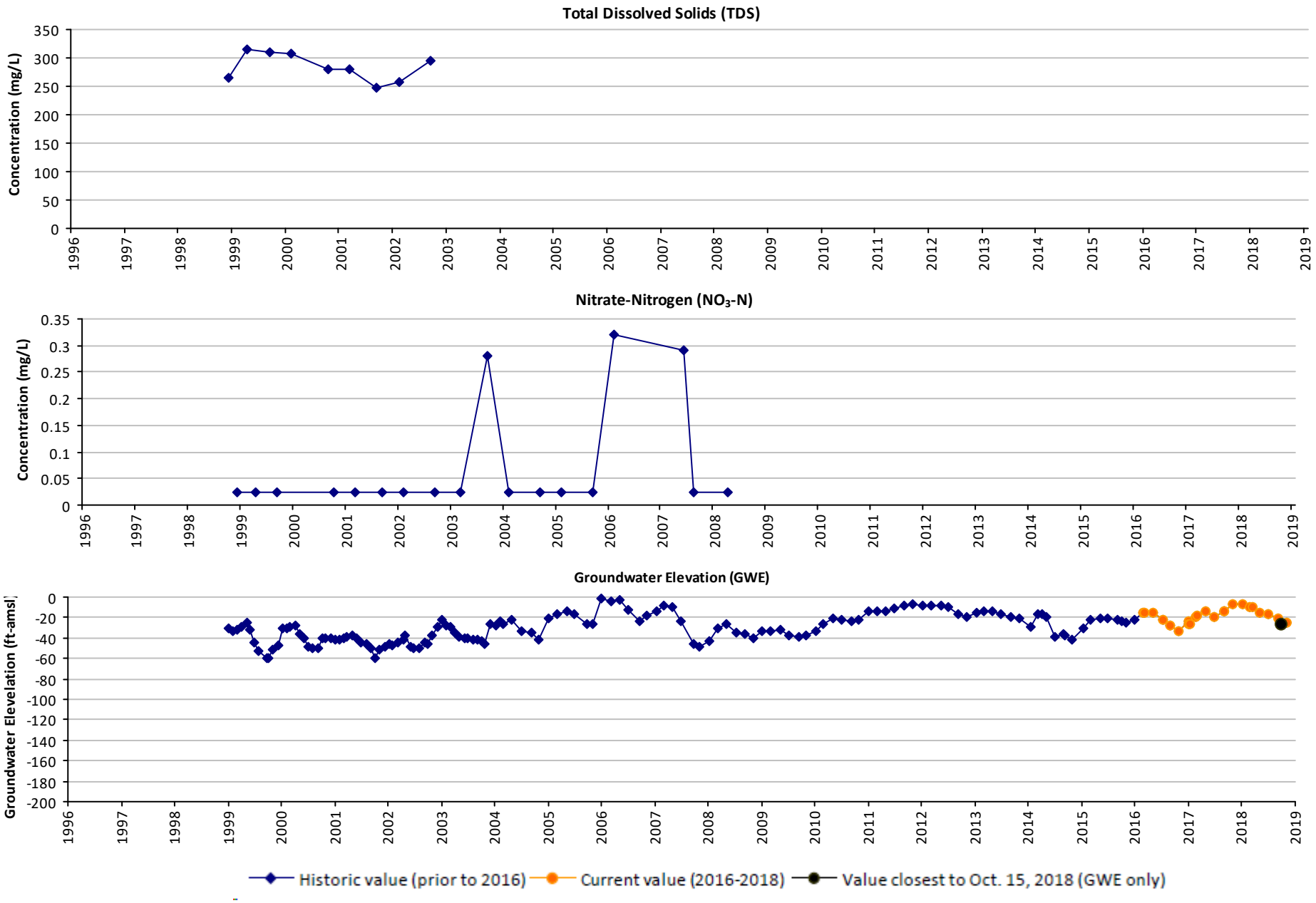
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

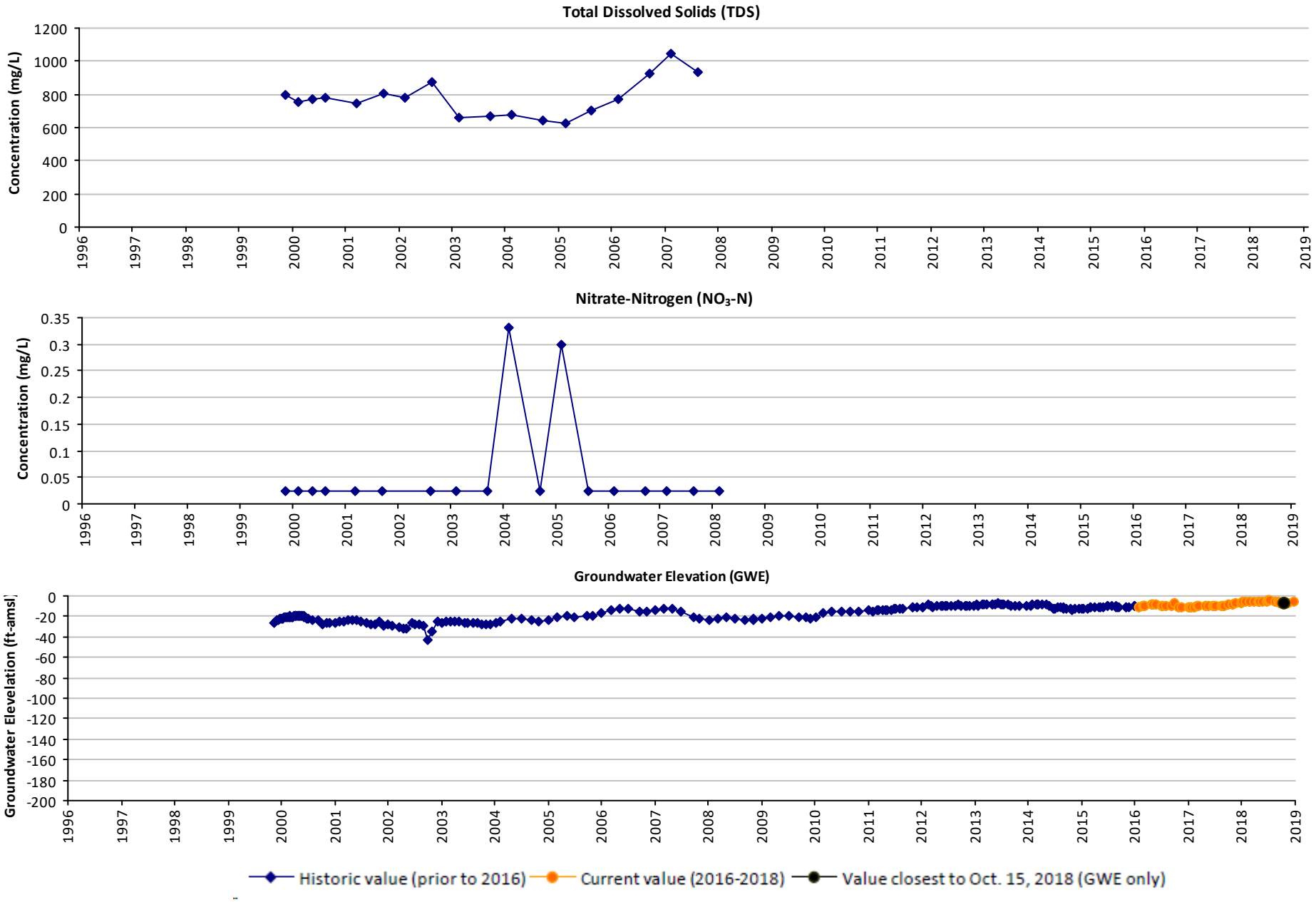
Well ID: 1214445
Management Zone: Orange County

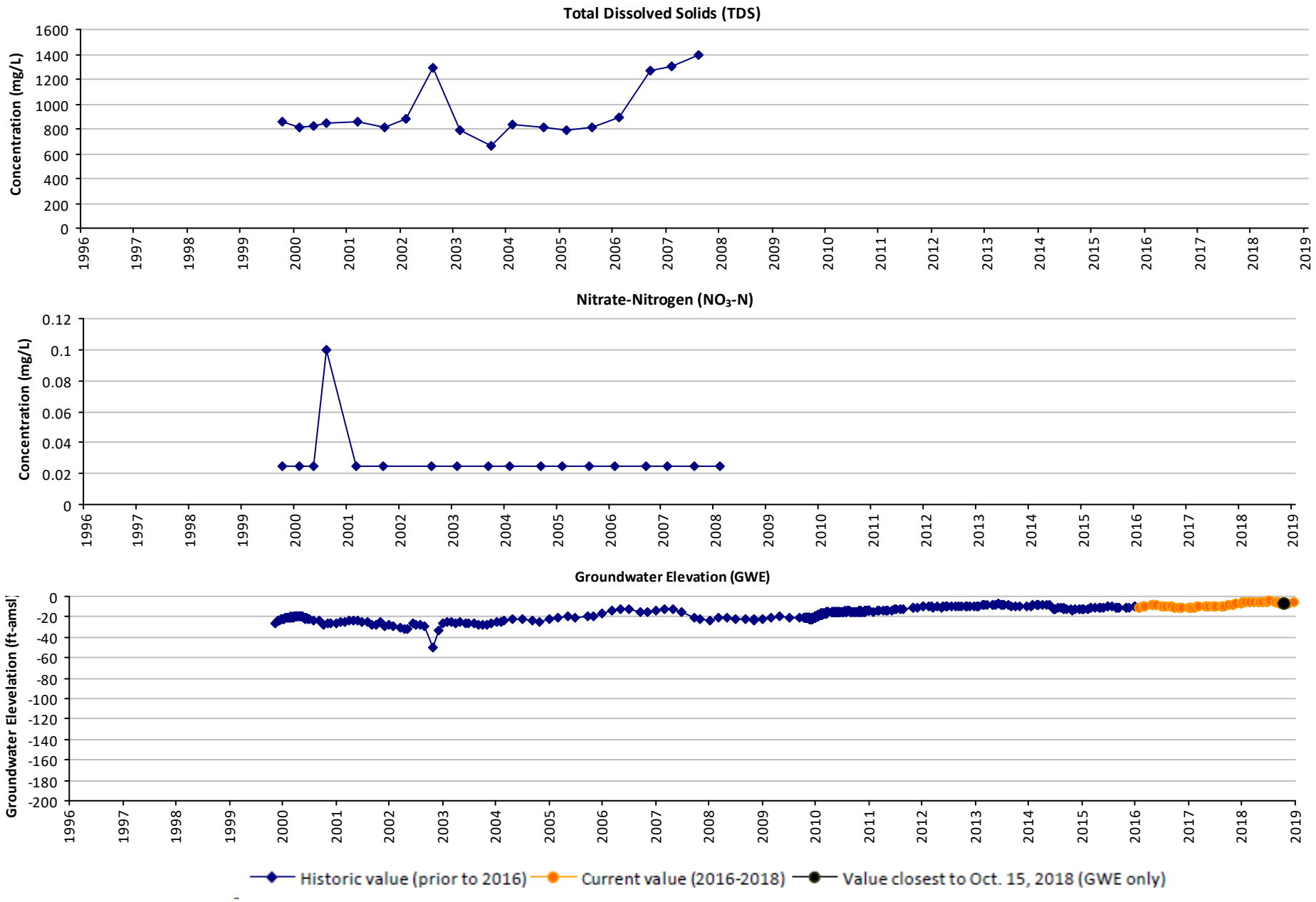


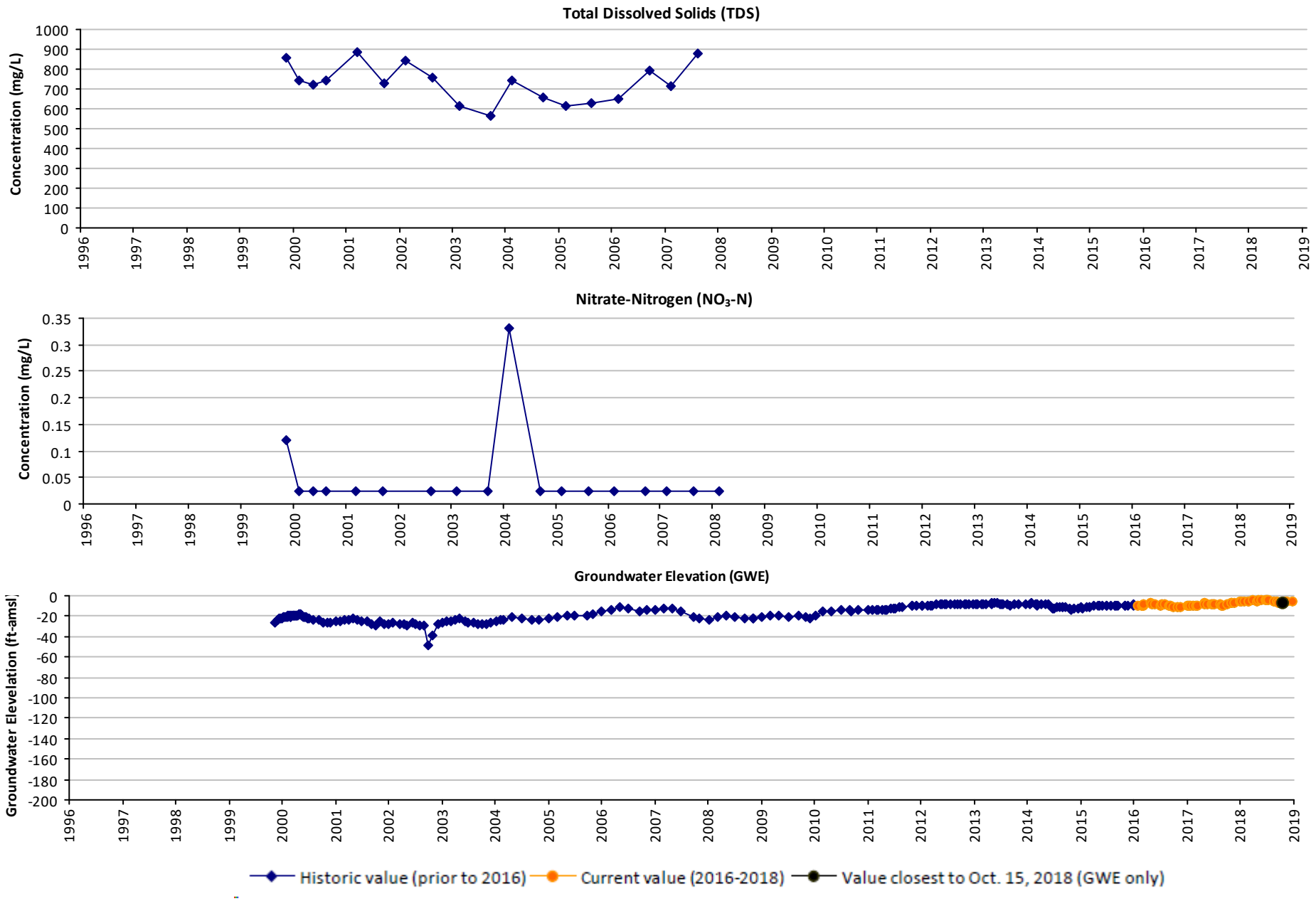


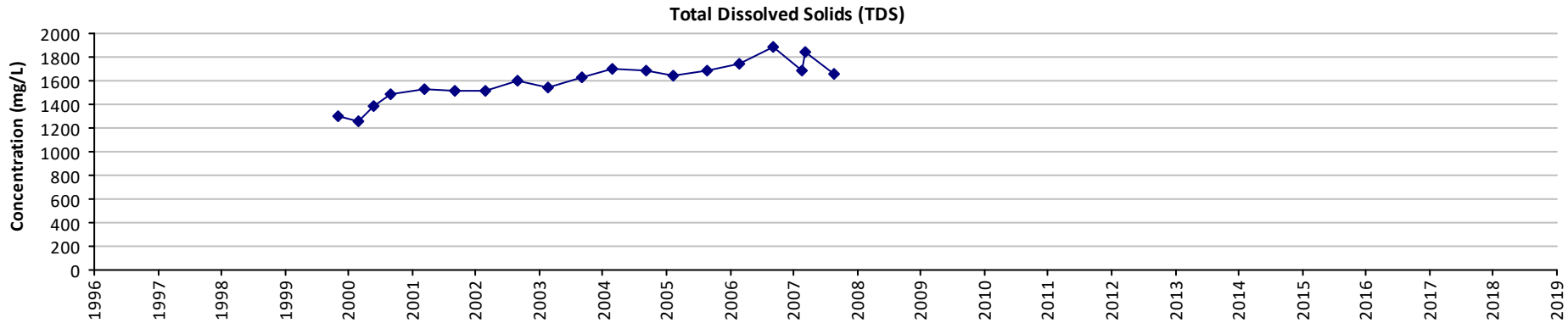


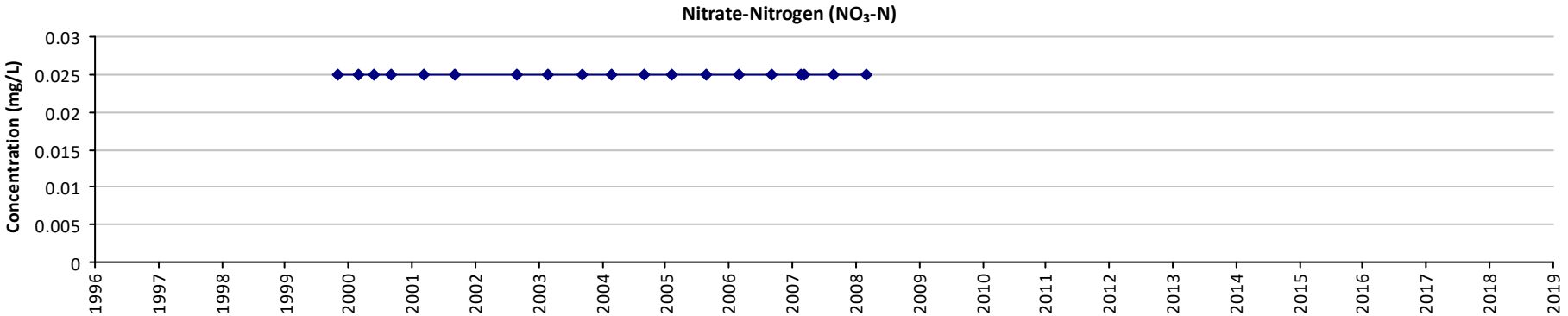

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

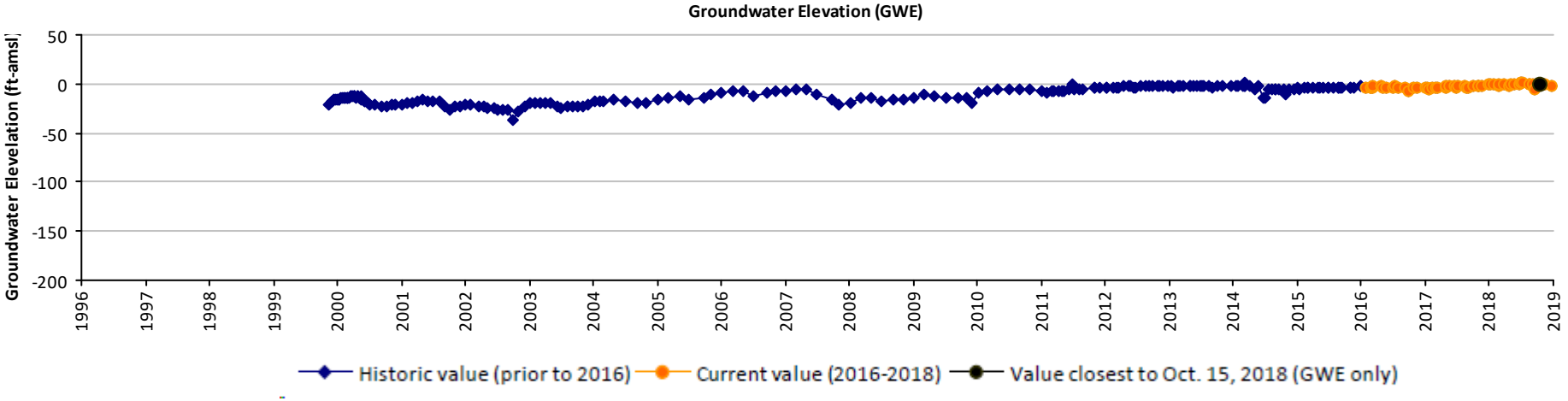

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

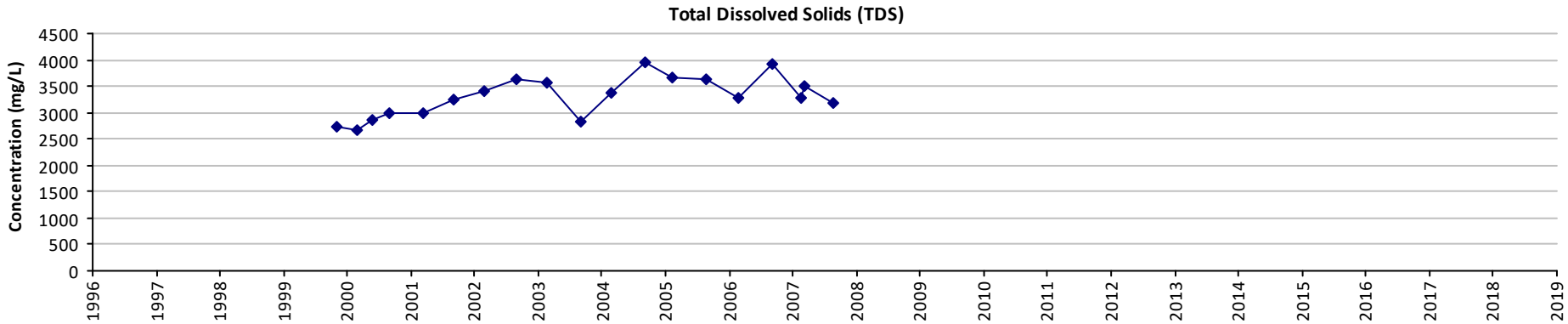

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

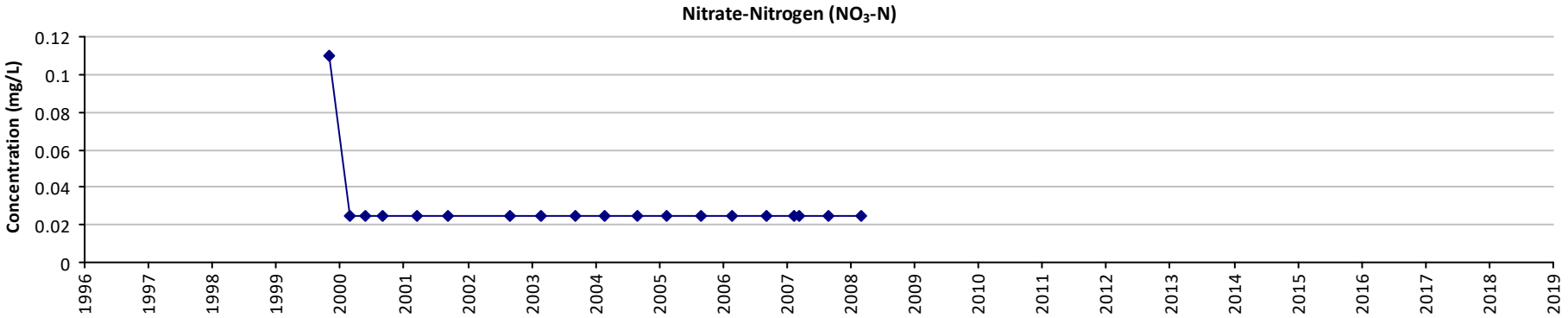

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

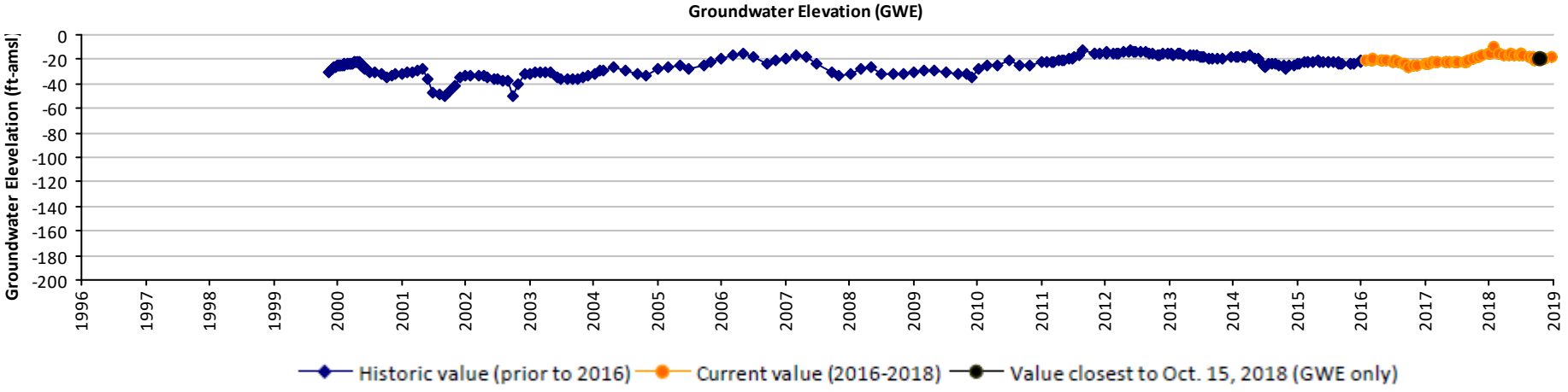

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

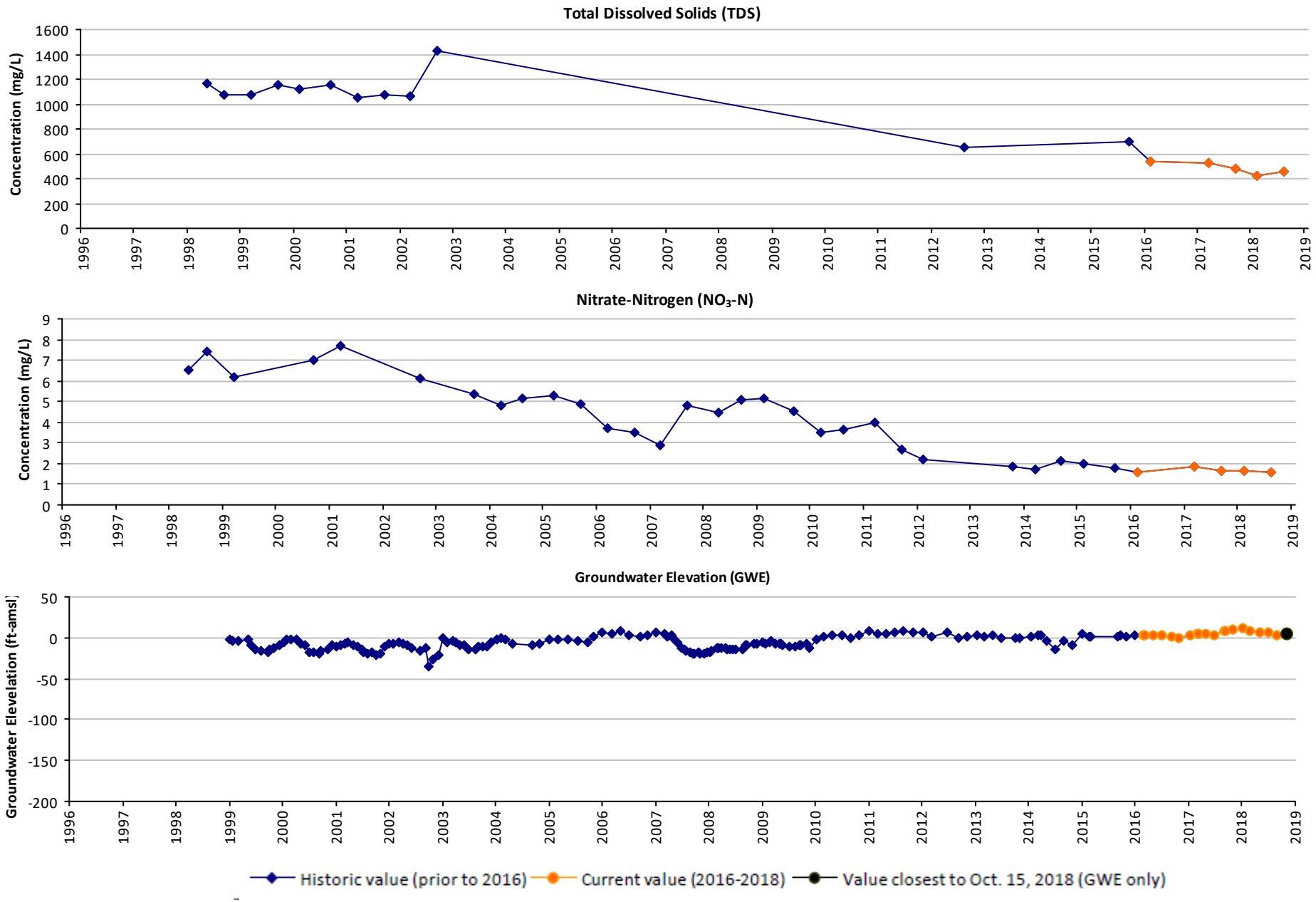

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

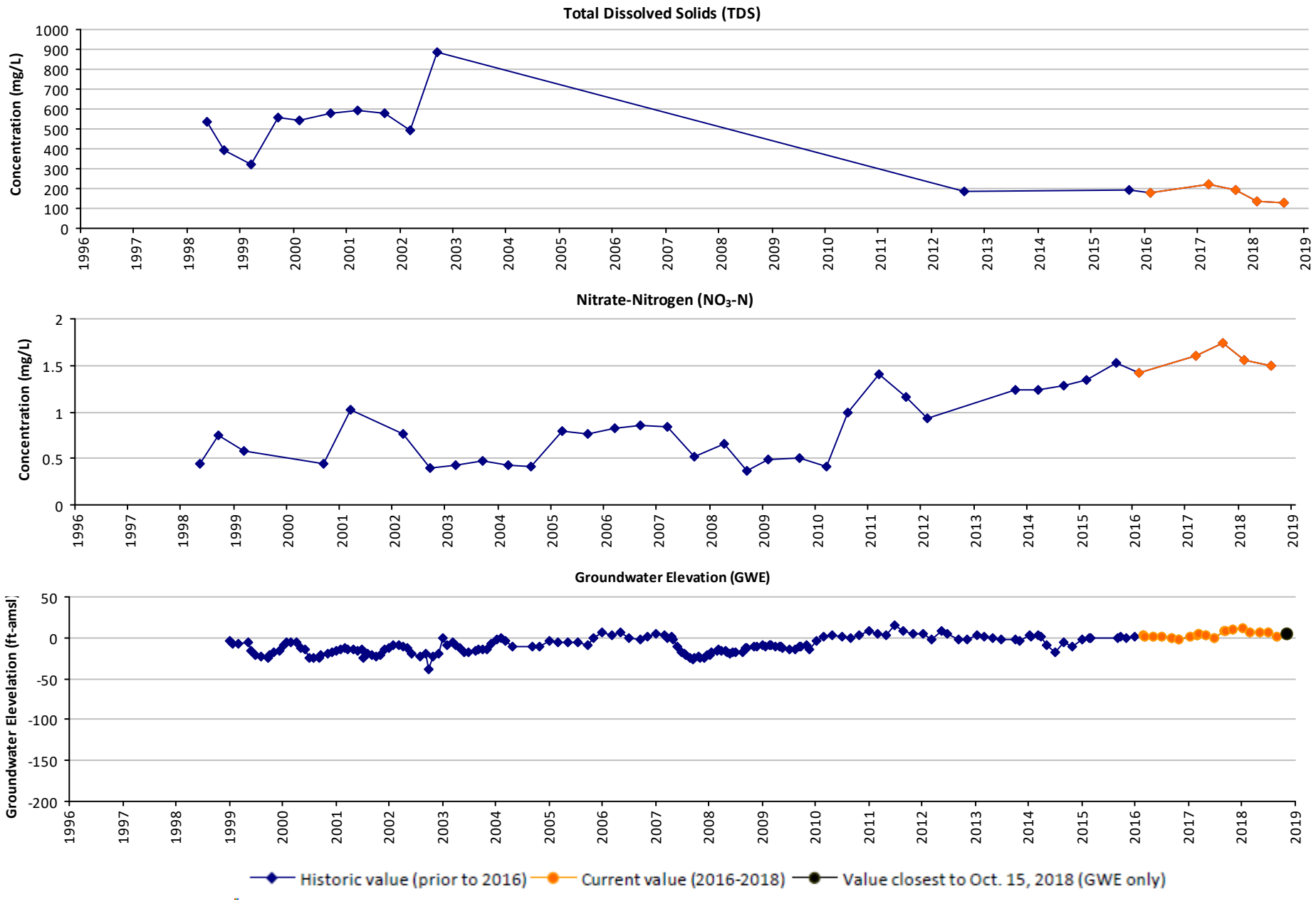

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

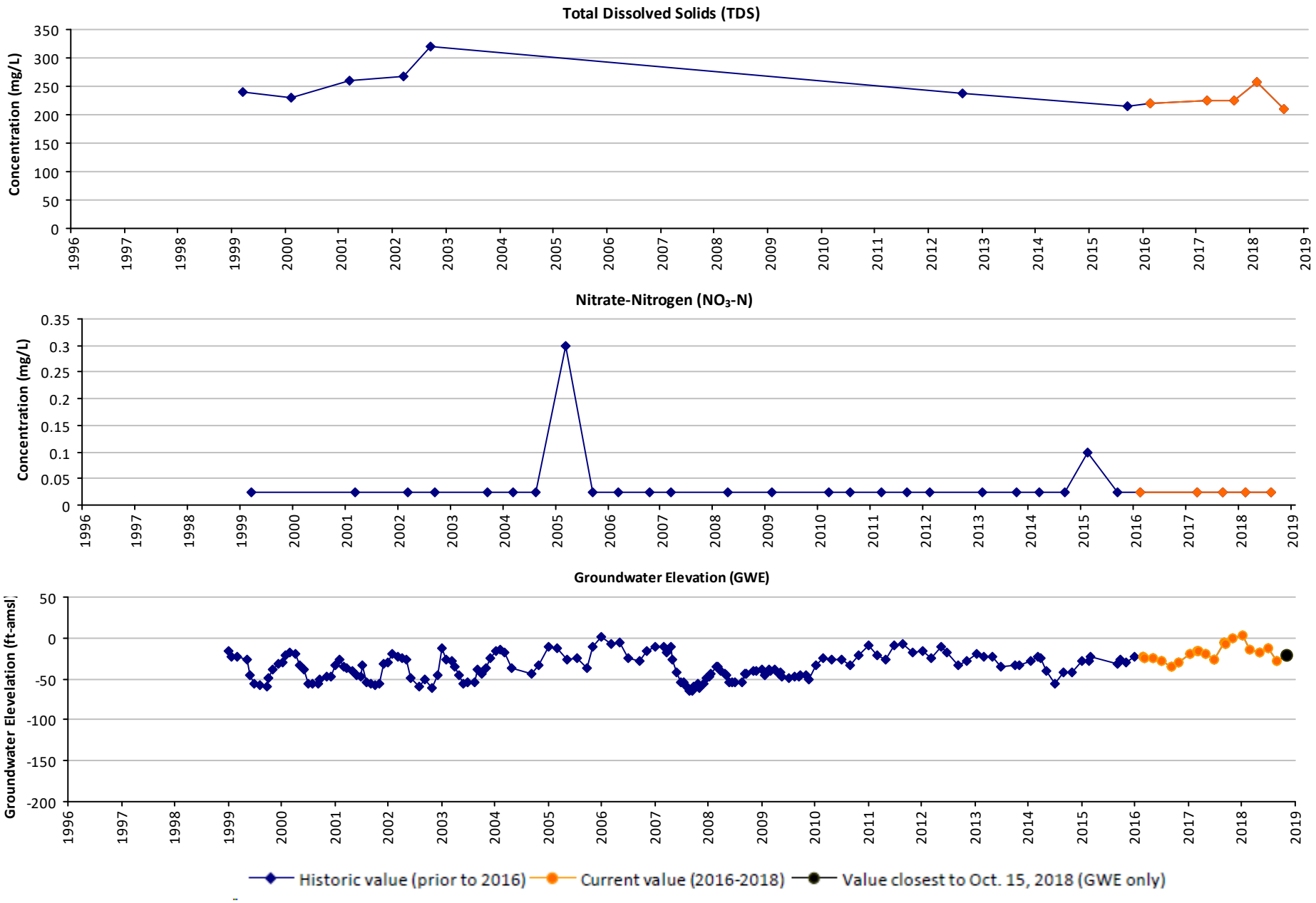

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

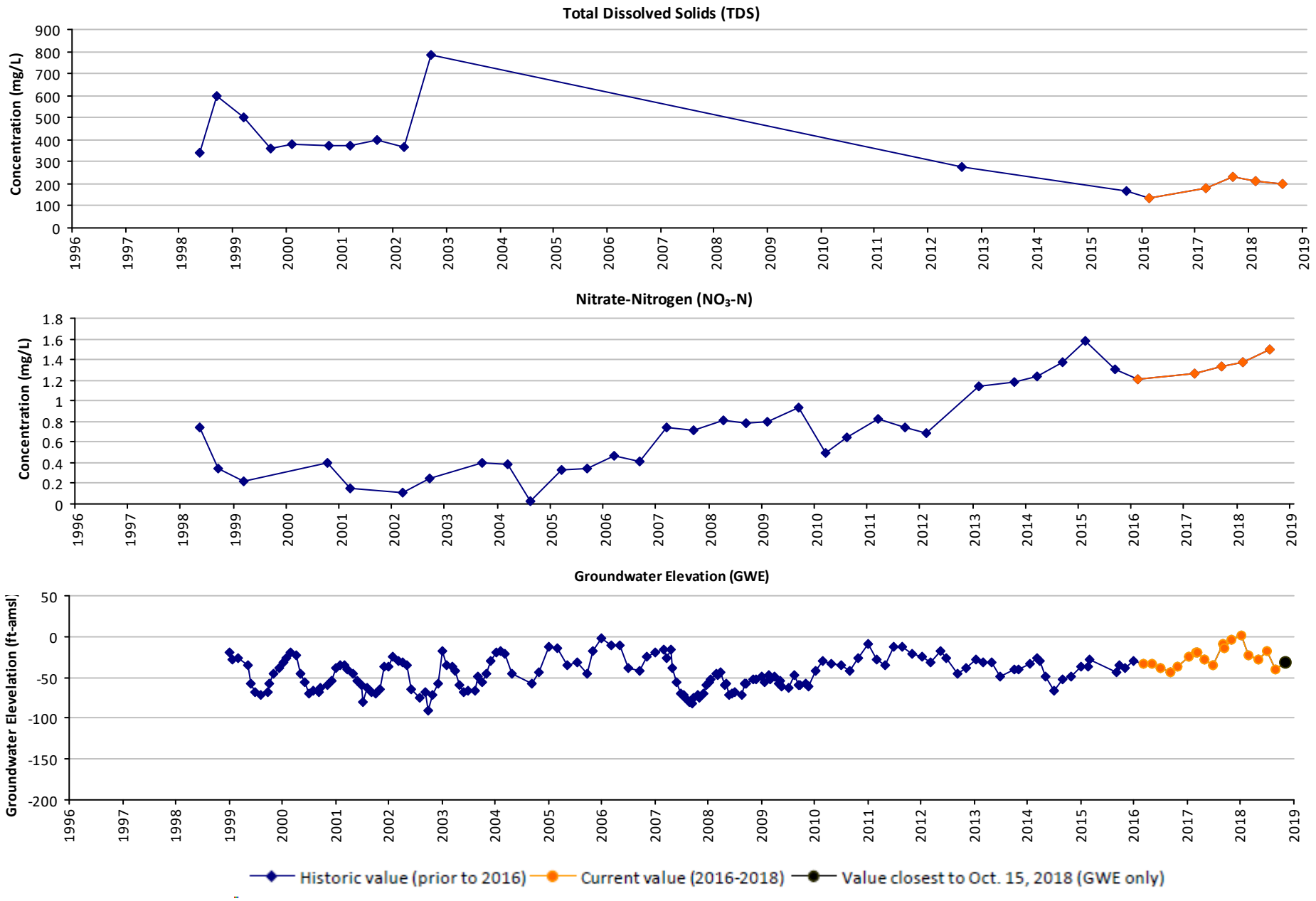

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

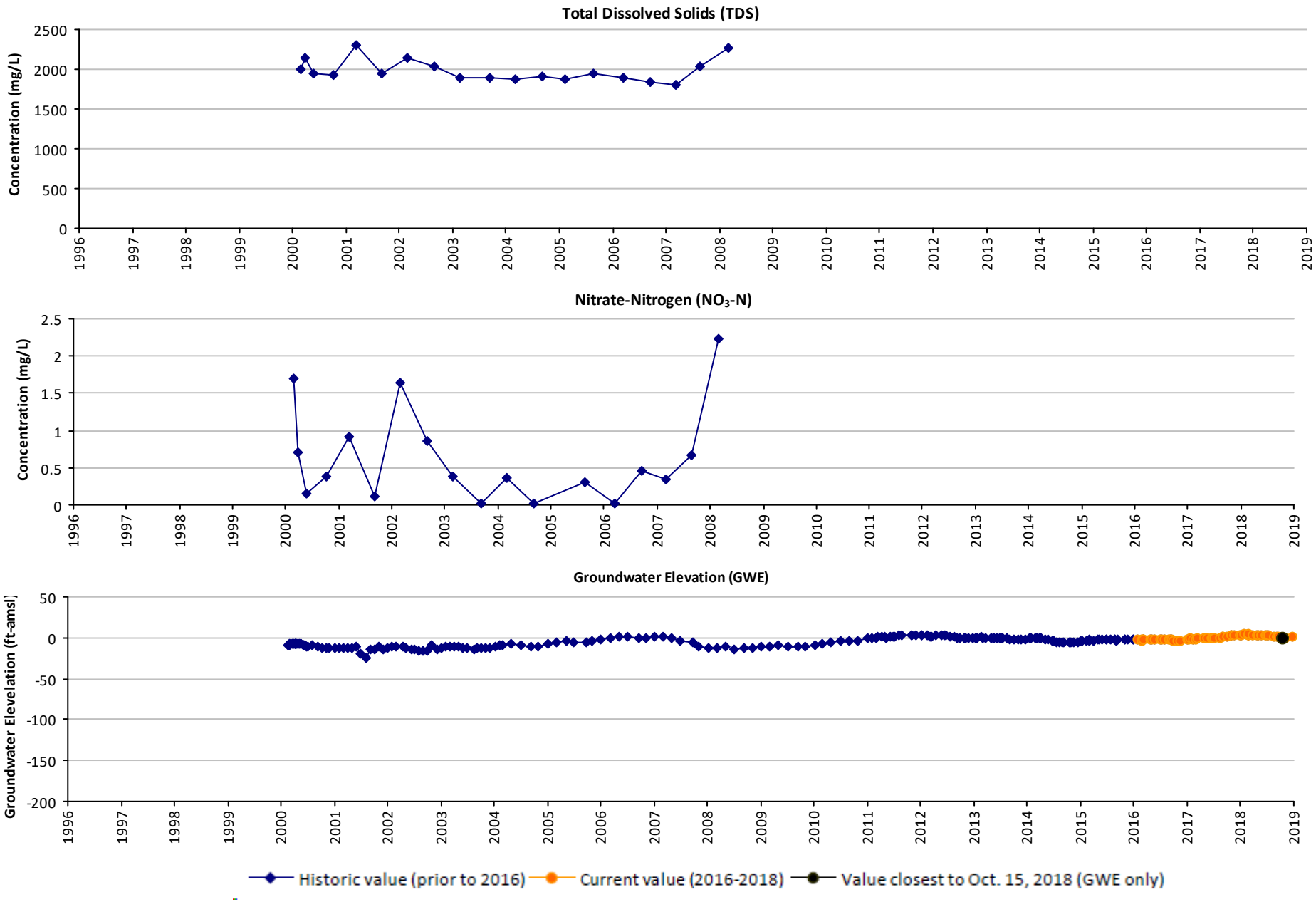

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

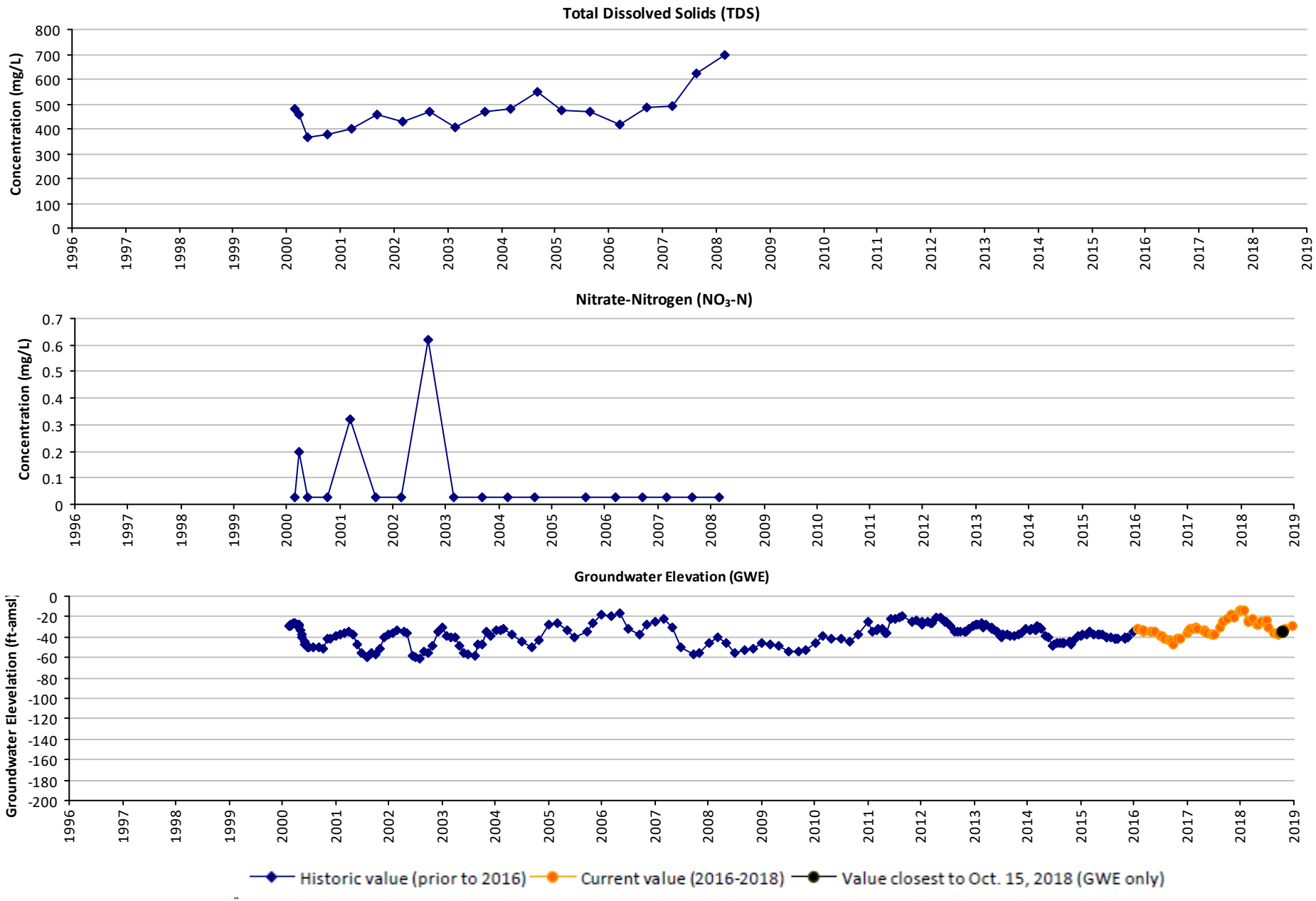

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

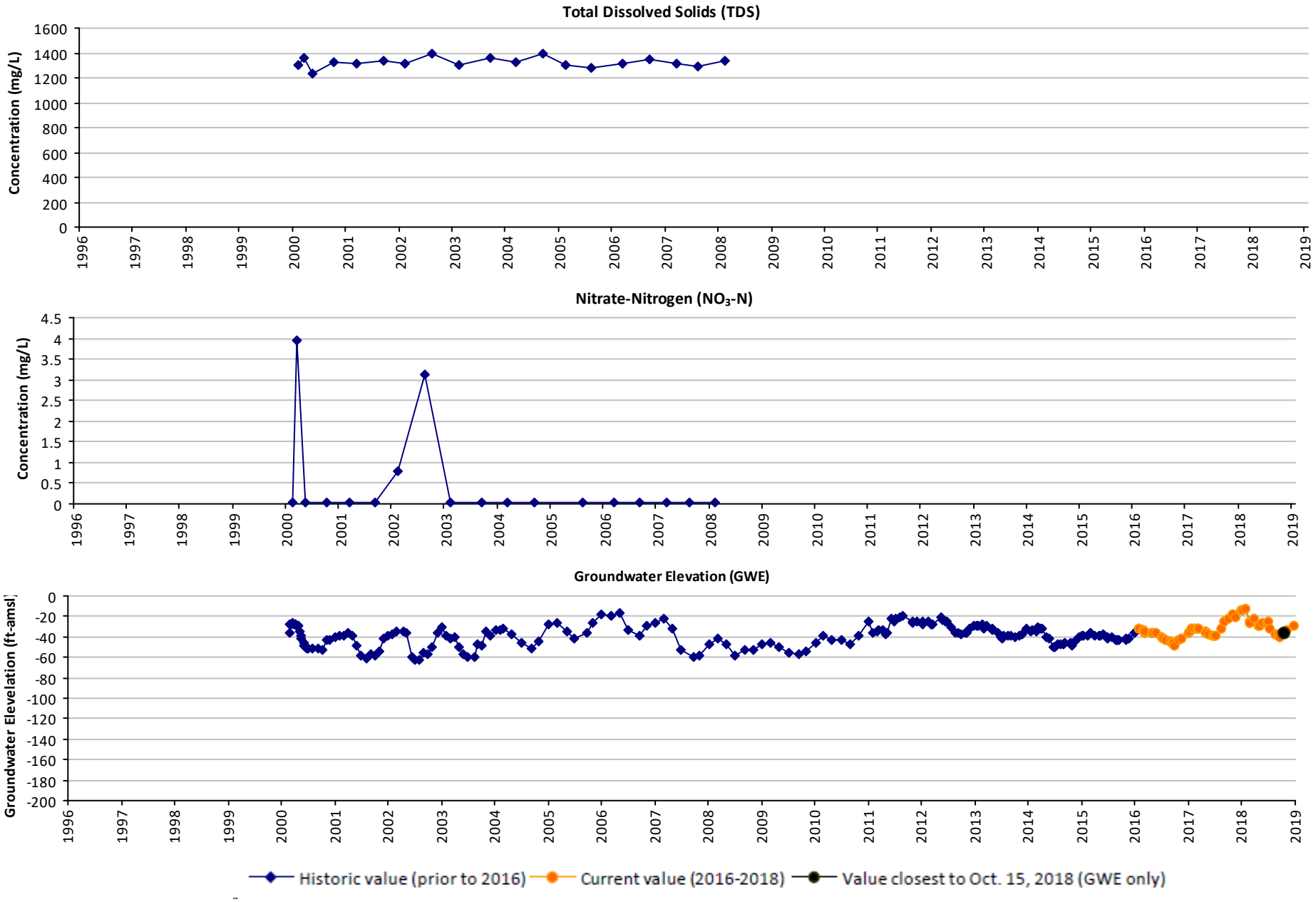

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

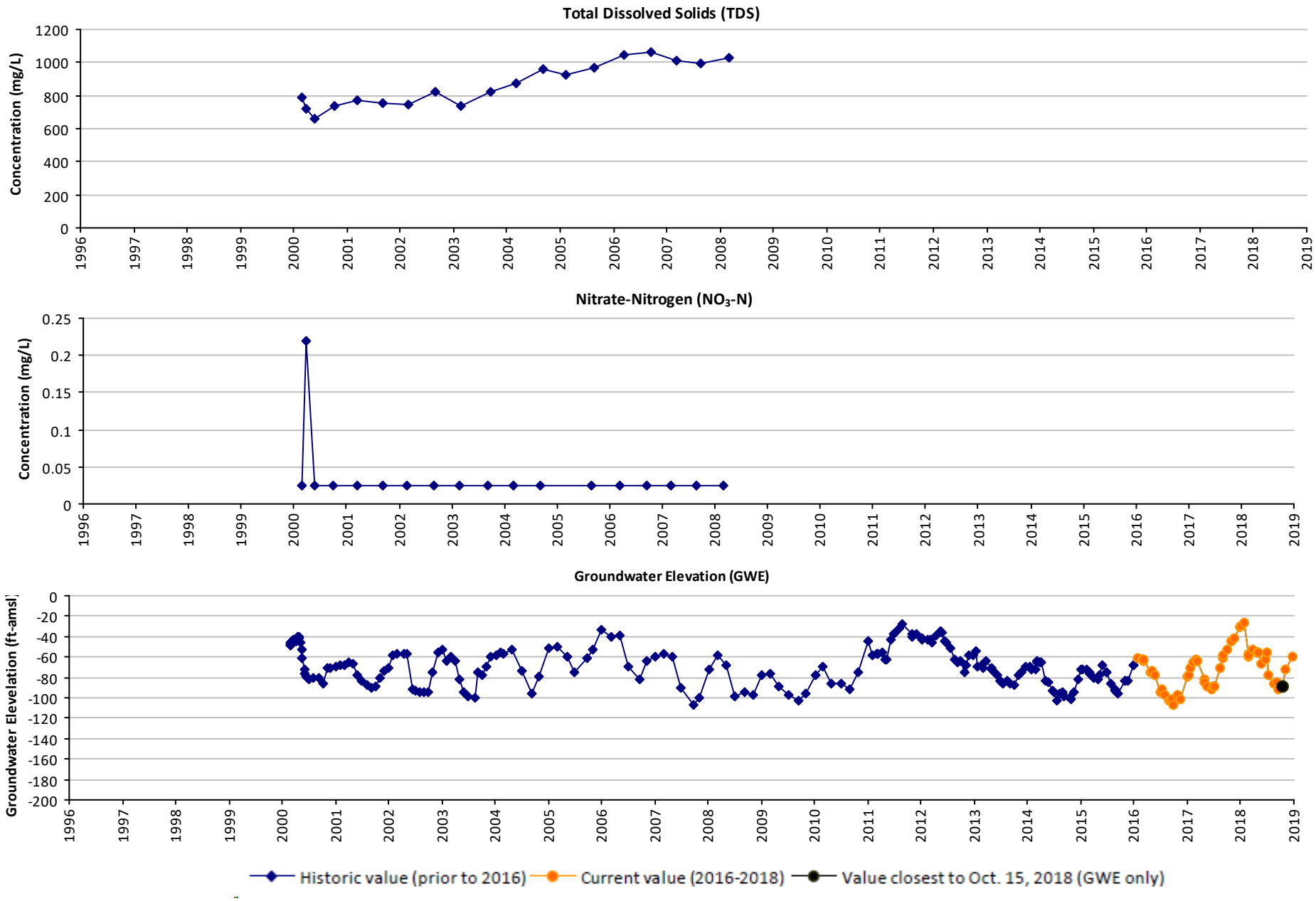

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

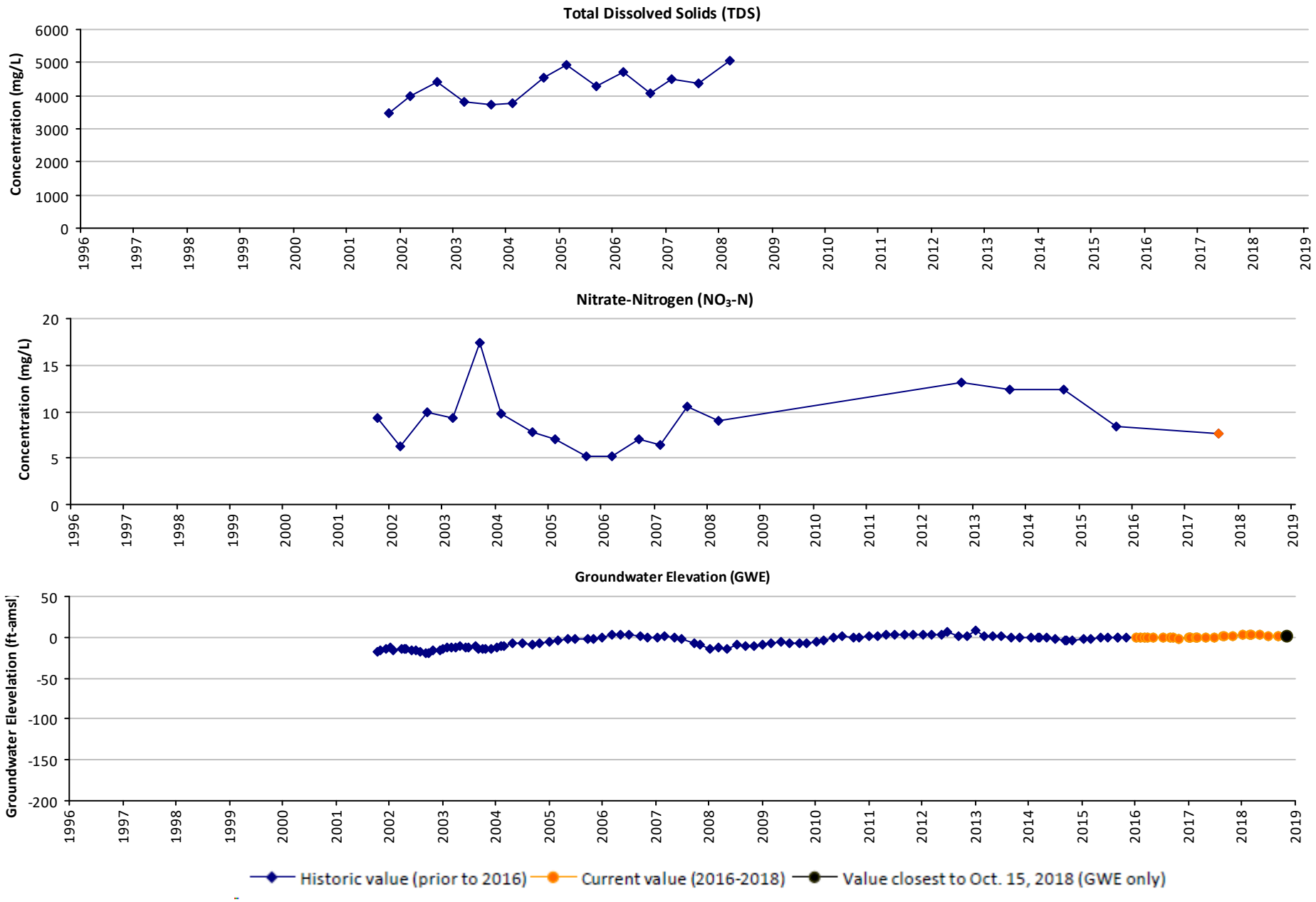

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

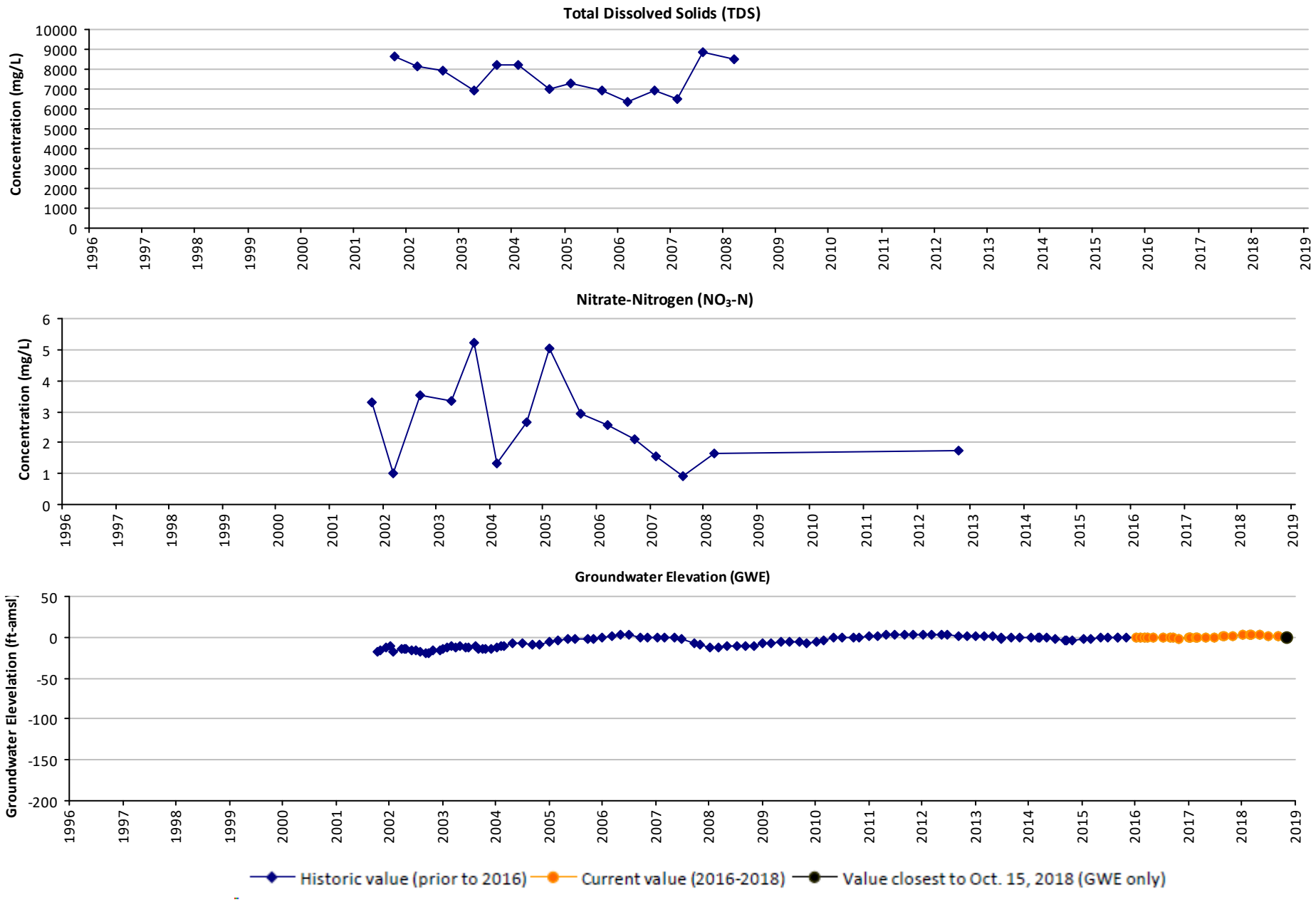

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

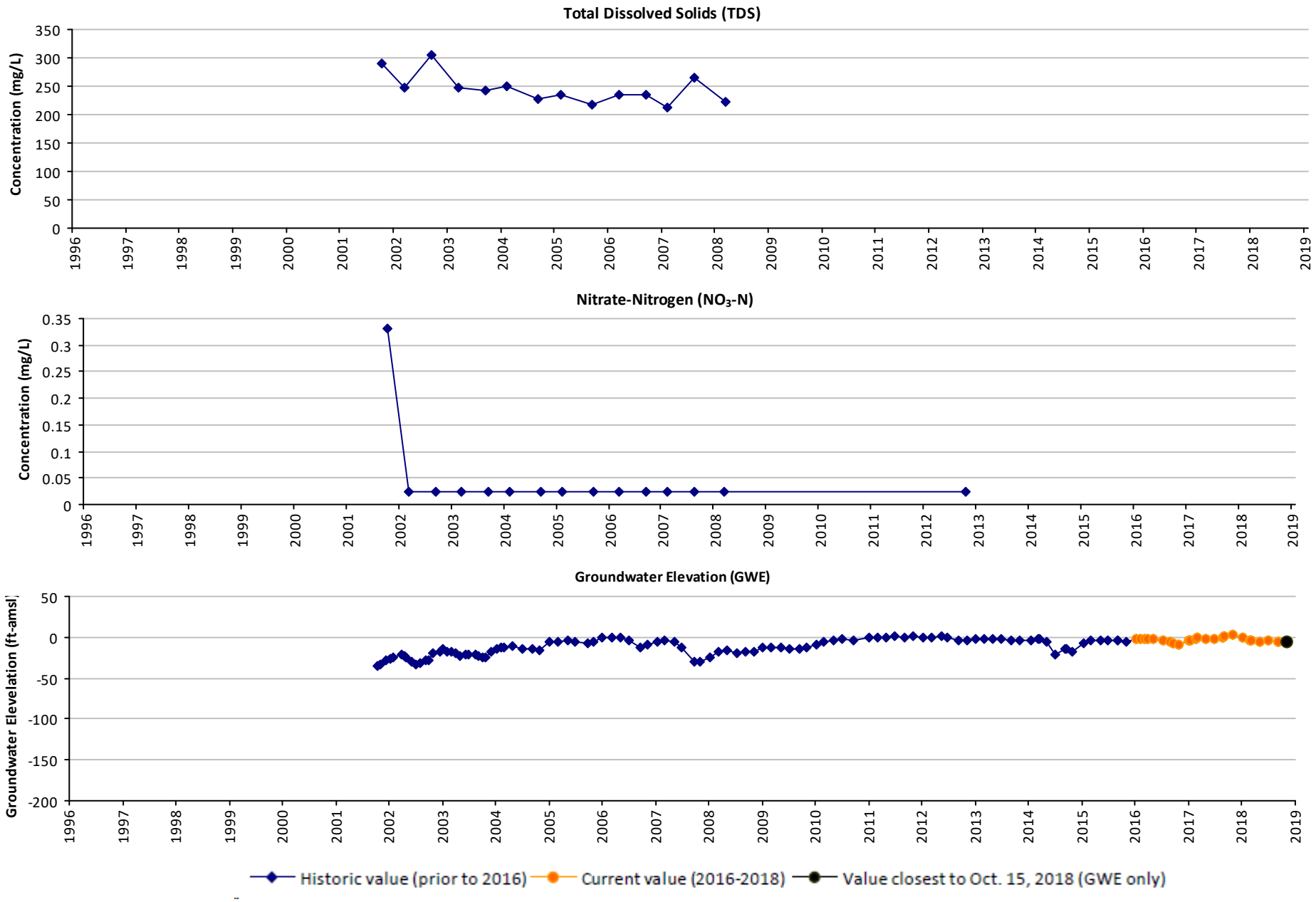

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

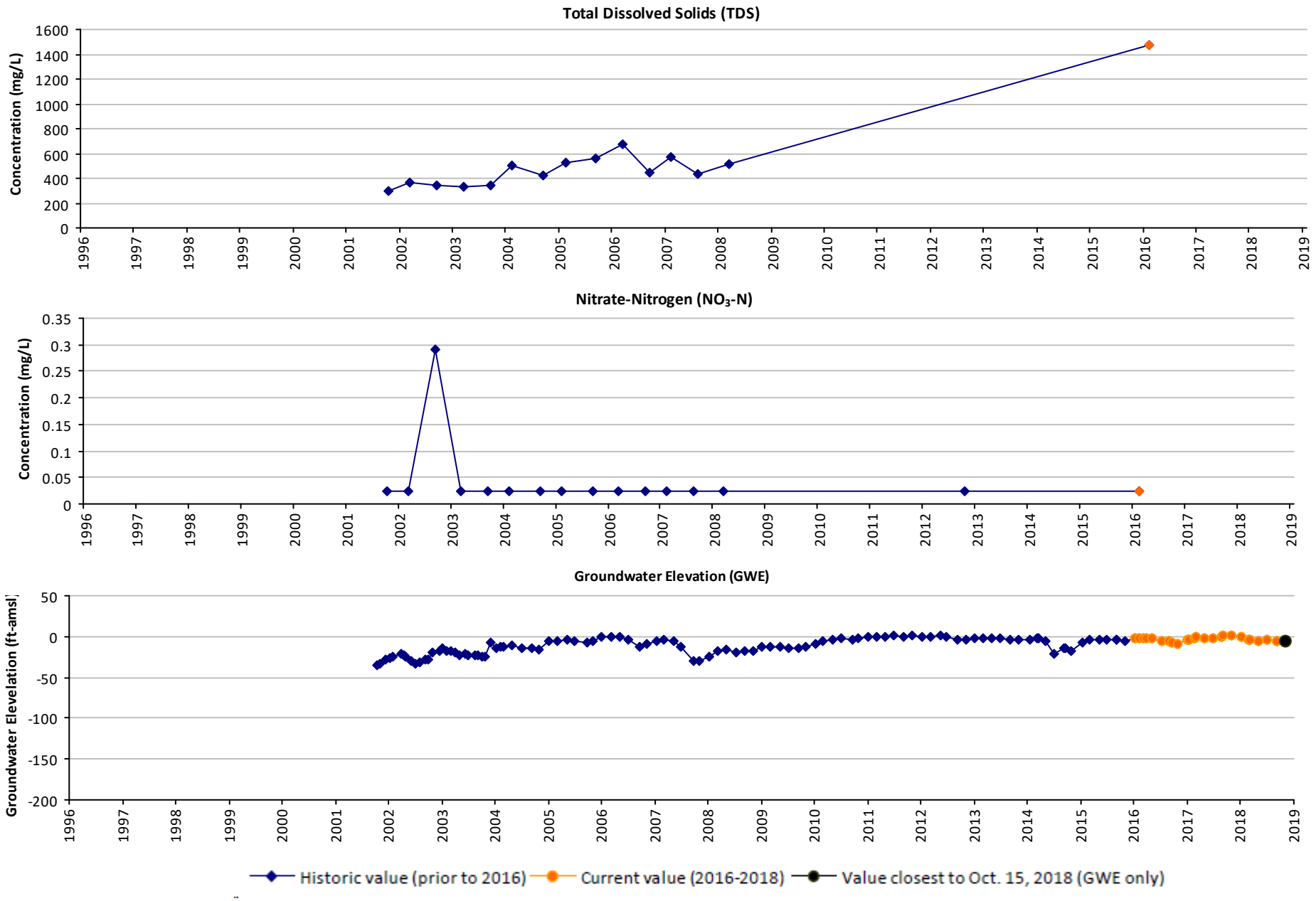

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

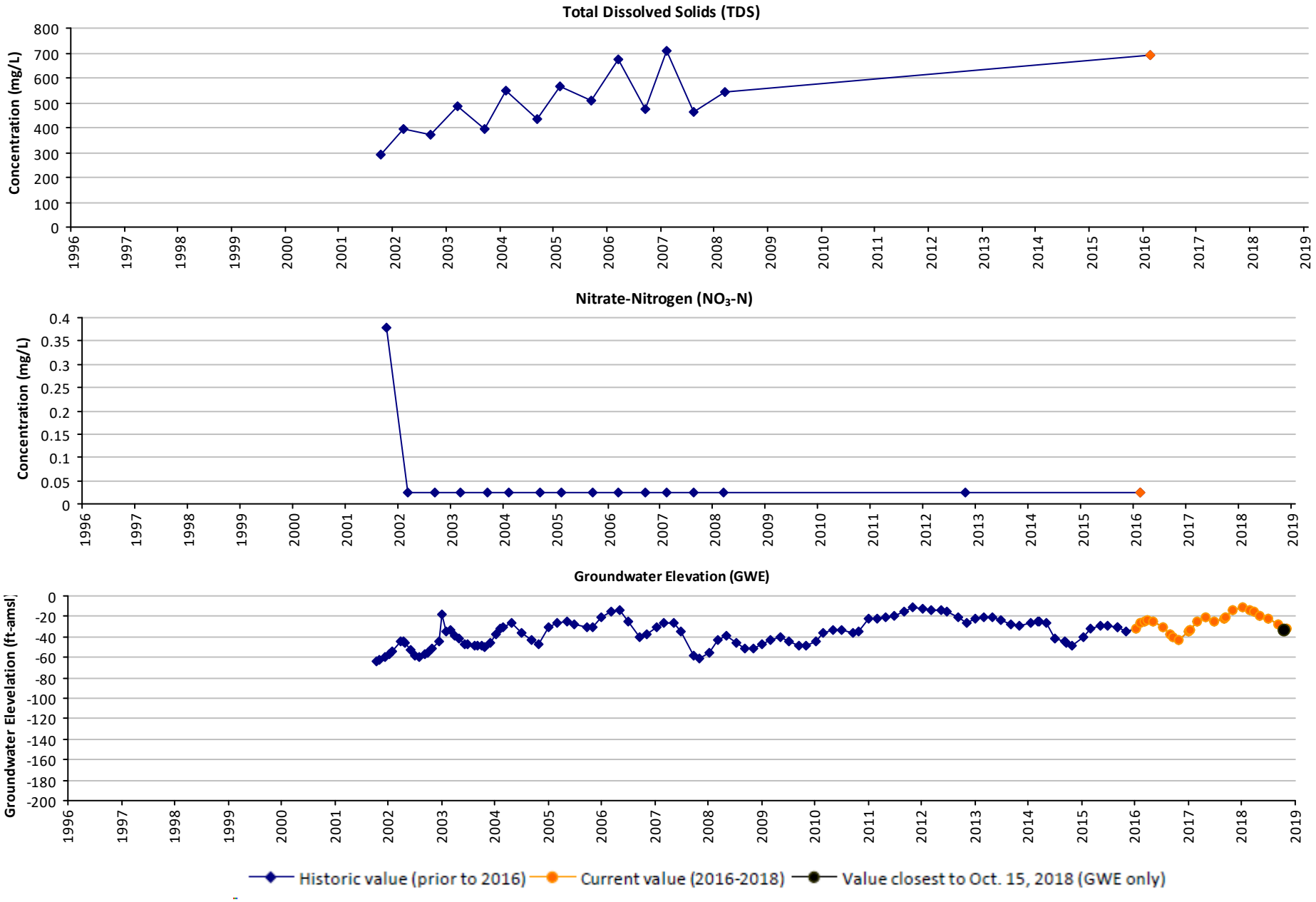

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

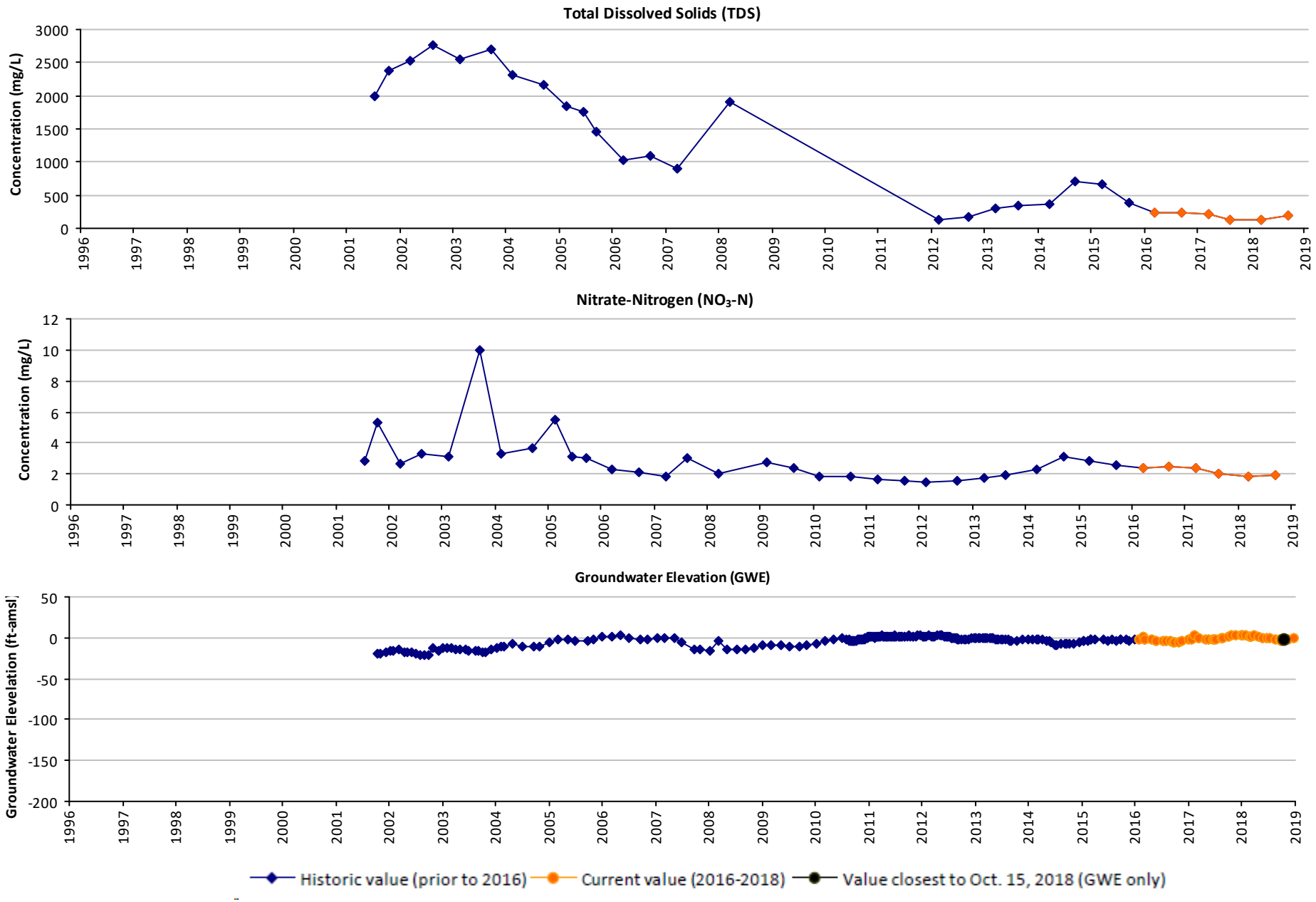

Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

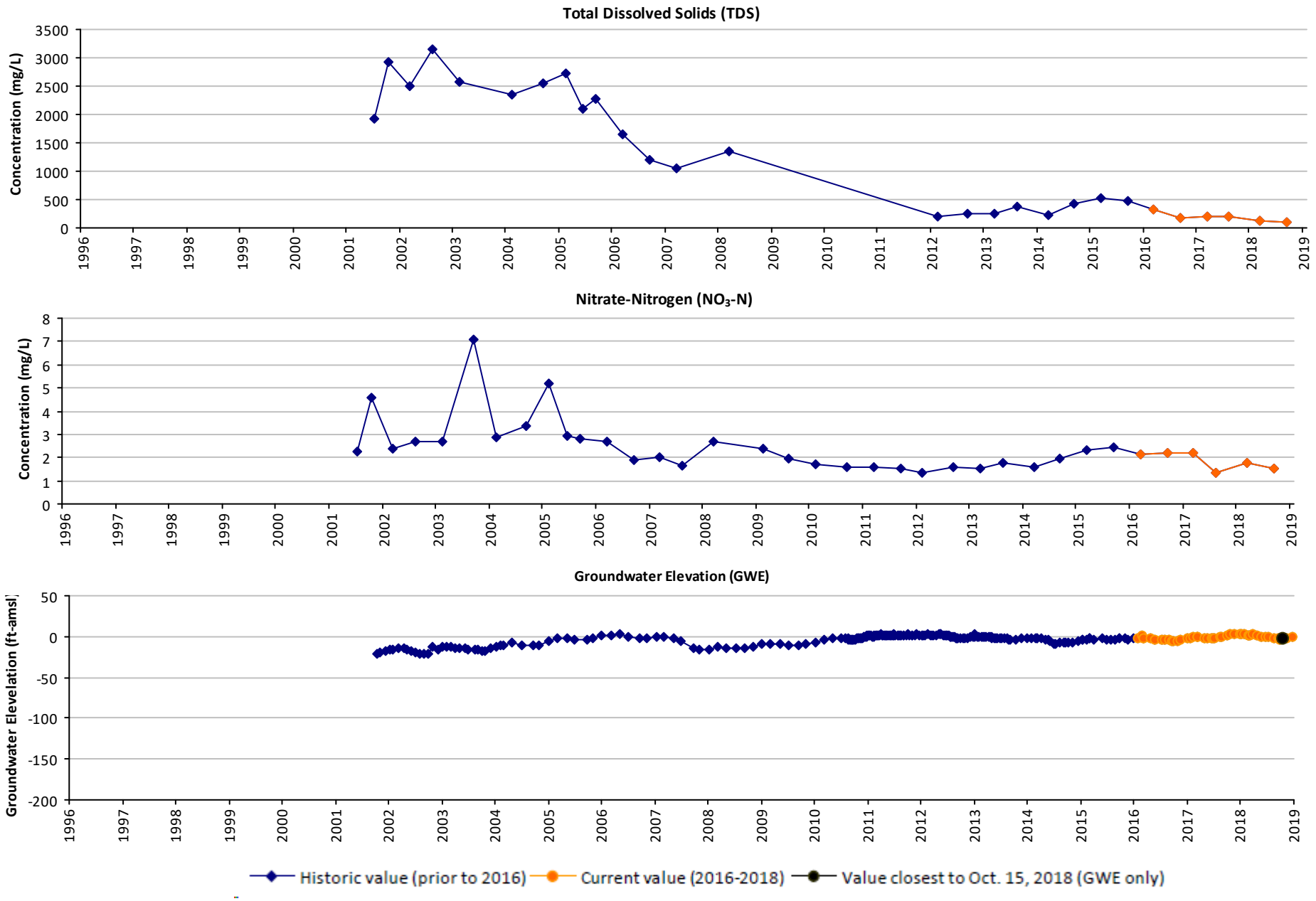

Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

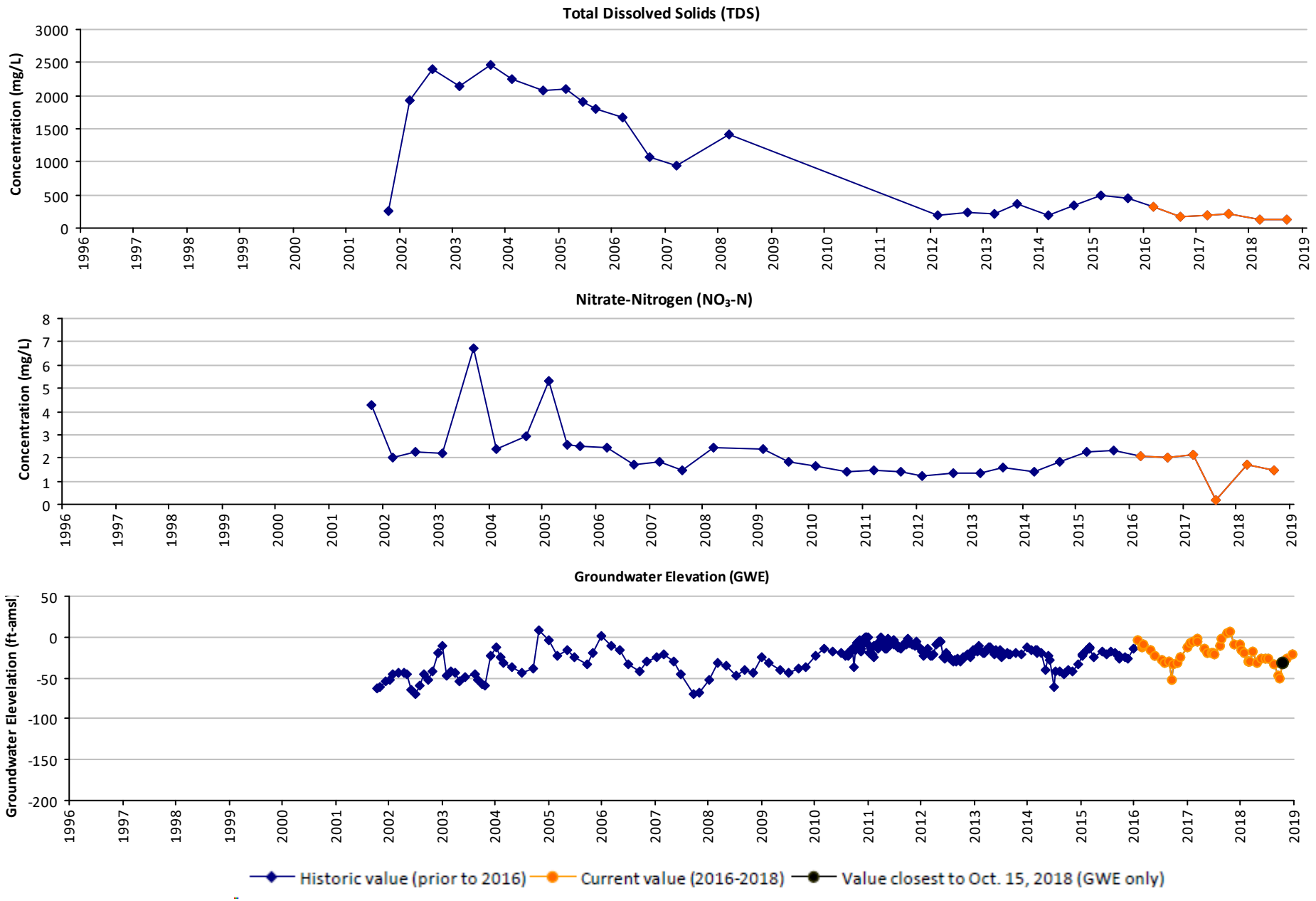

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

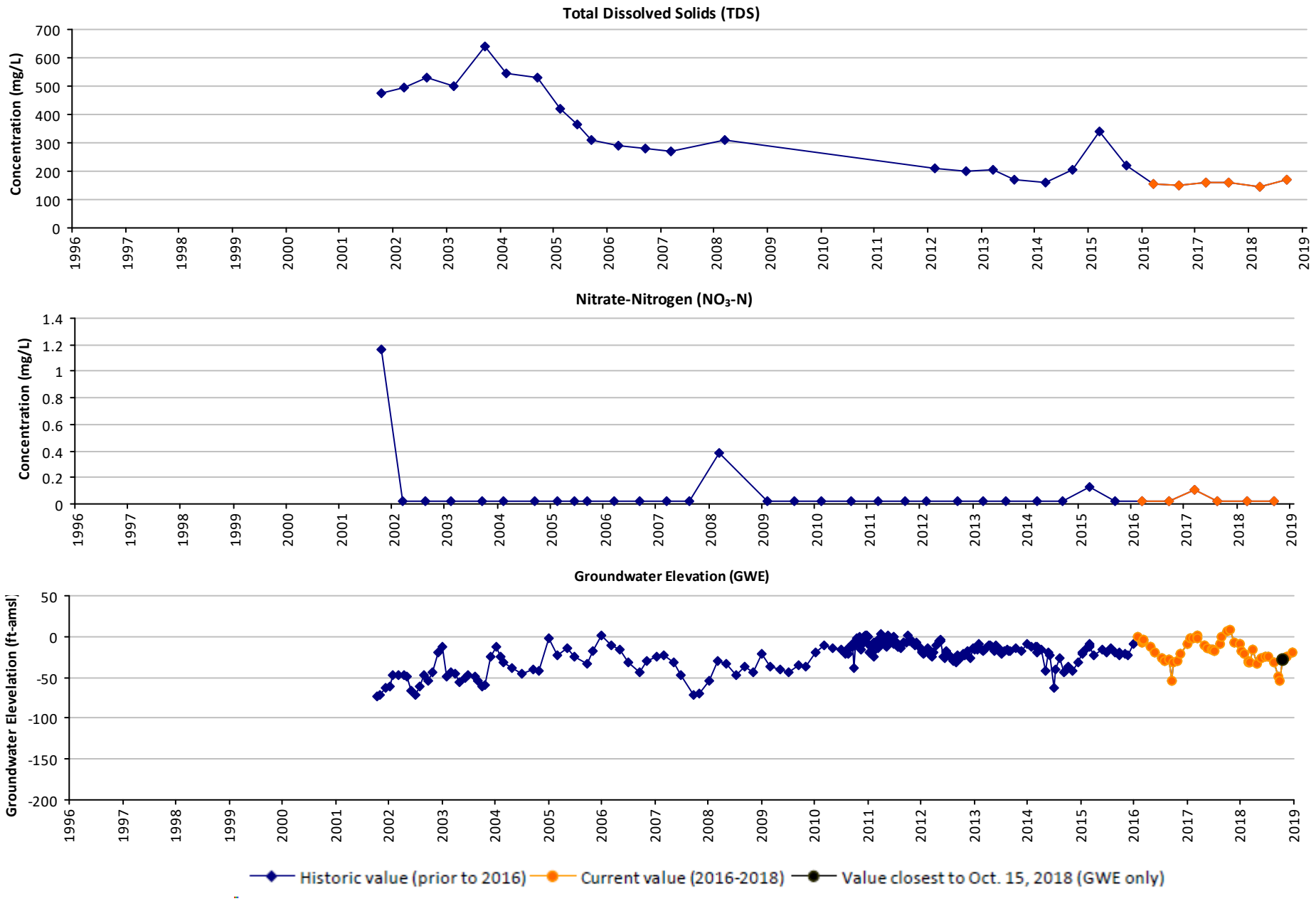

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

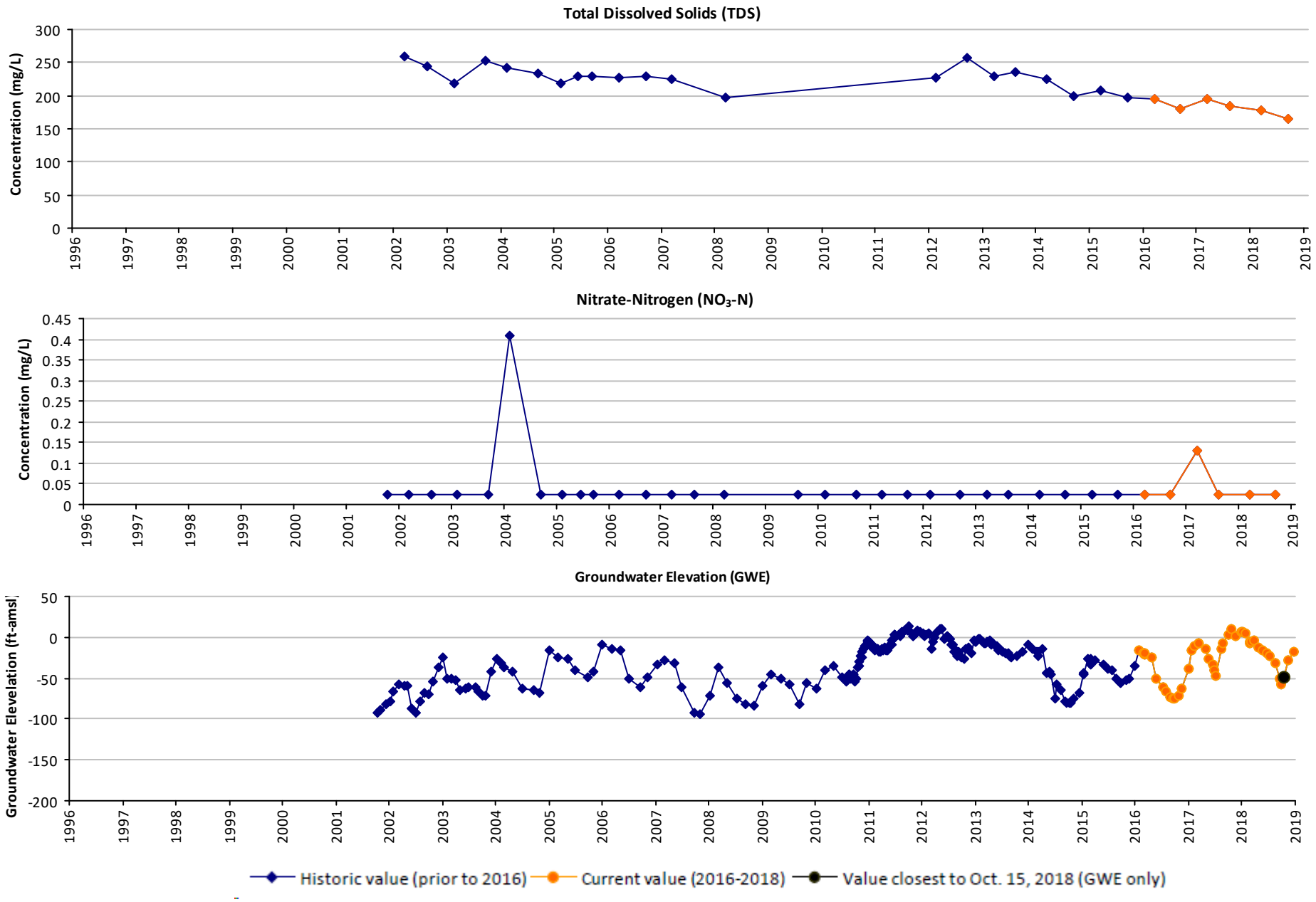

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

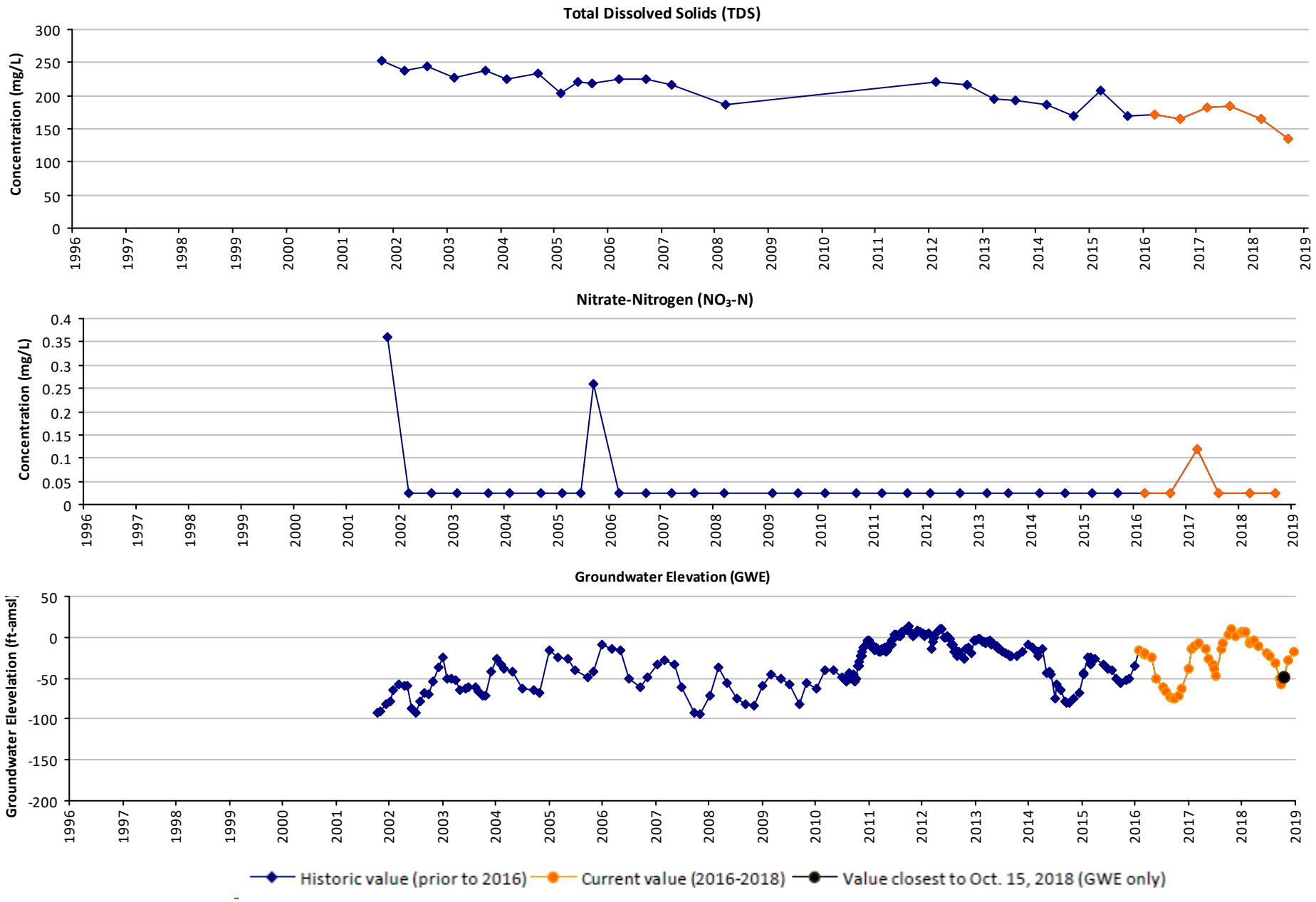

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

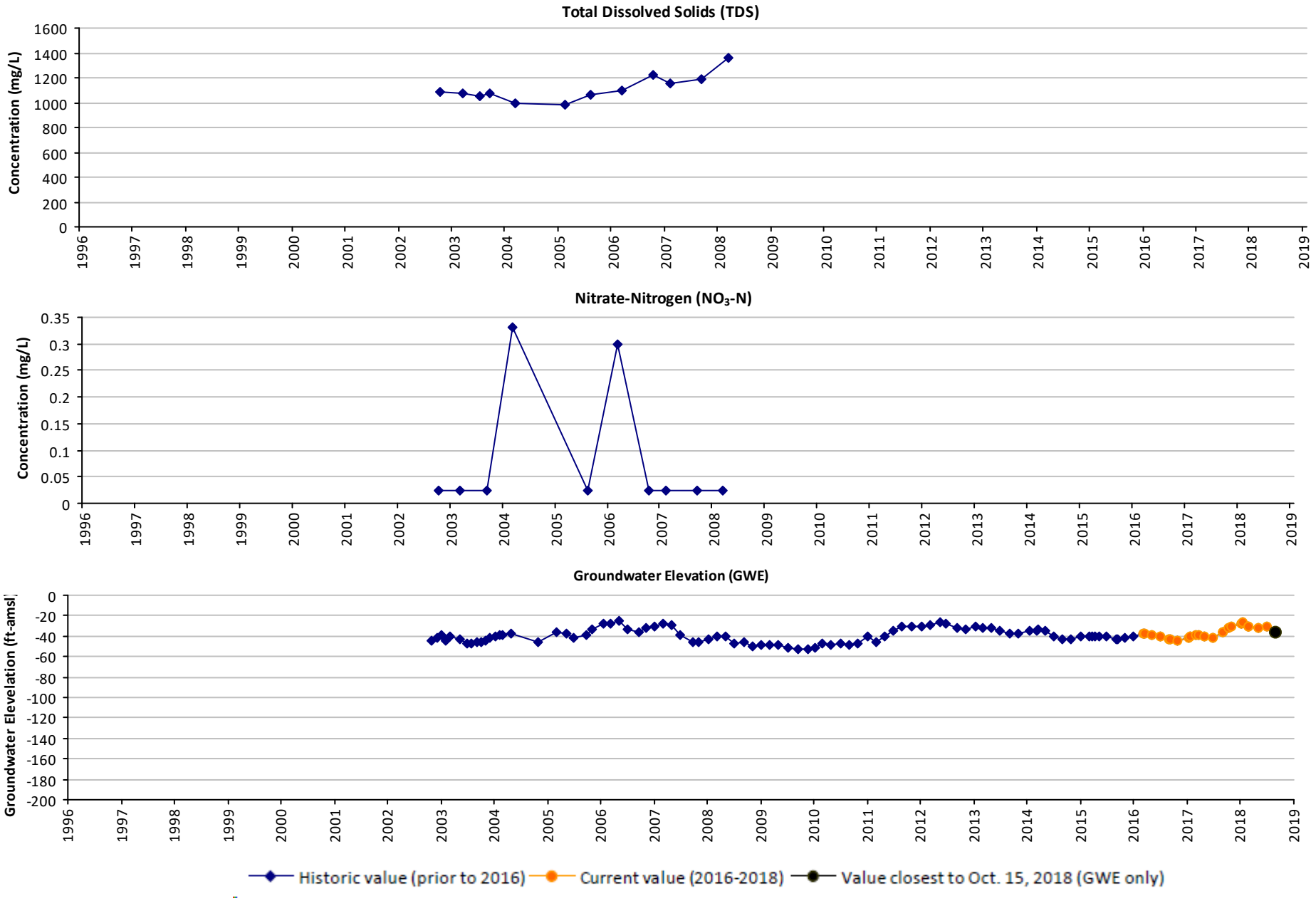

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

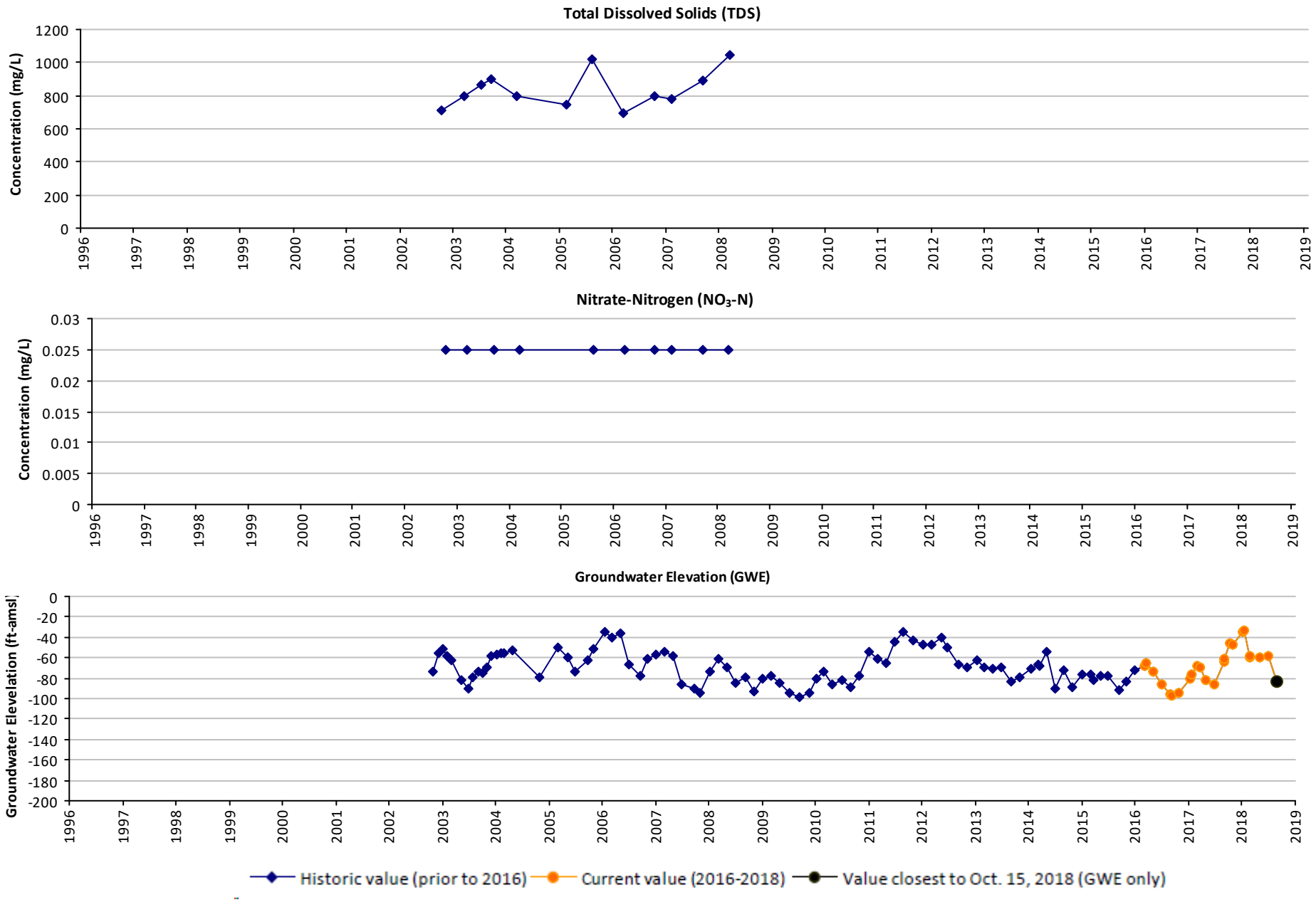

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

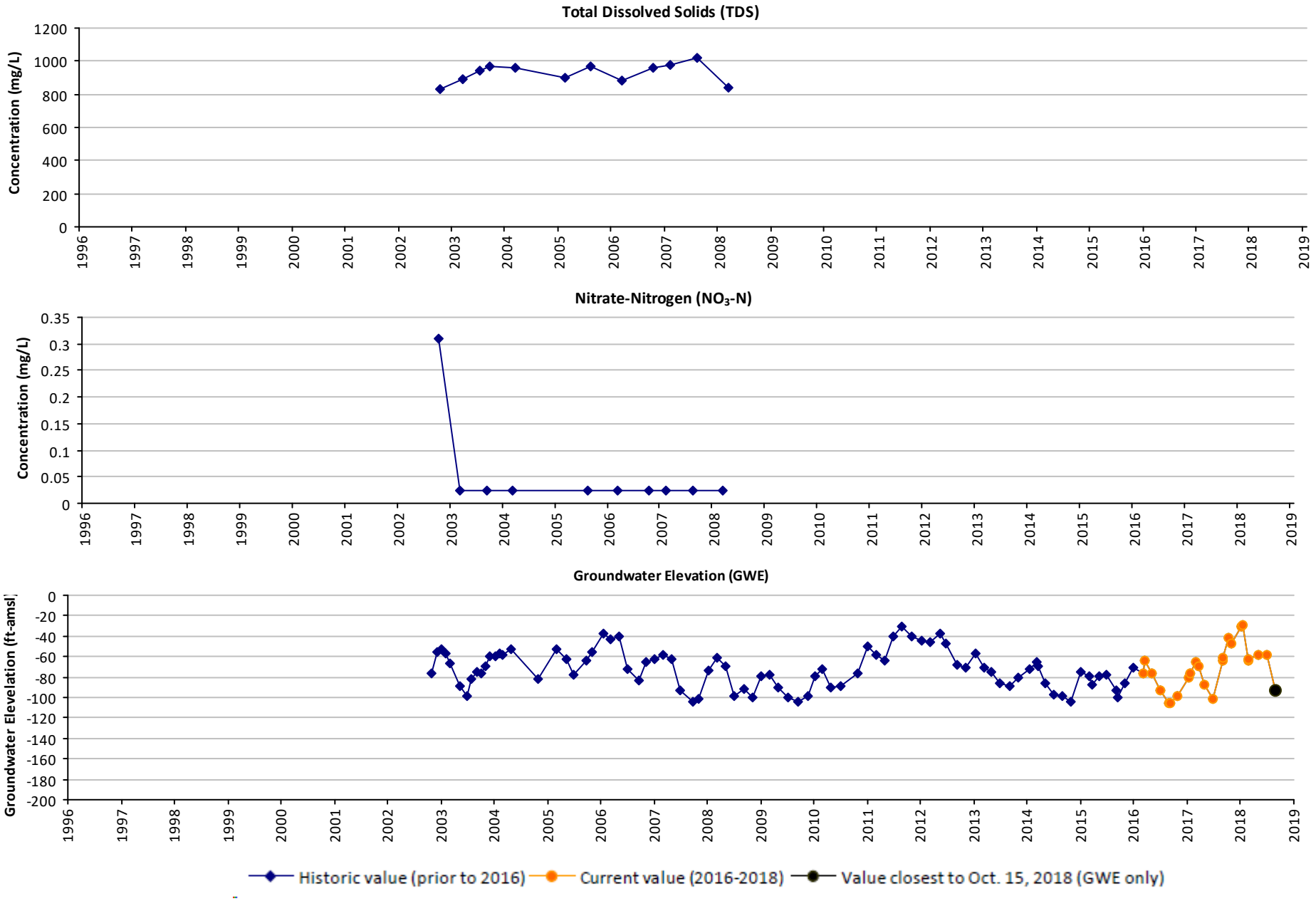

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

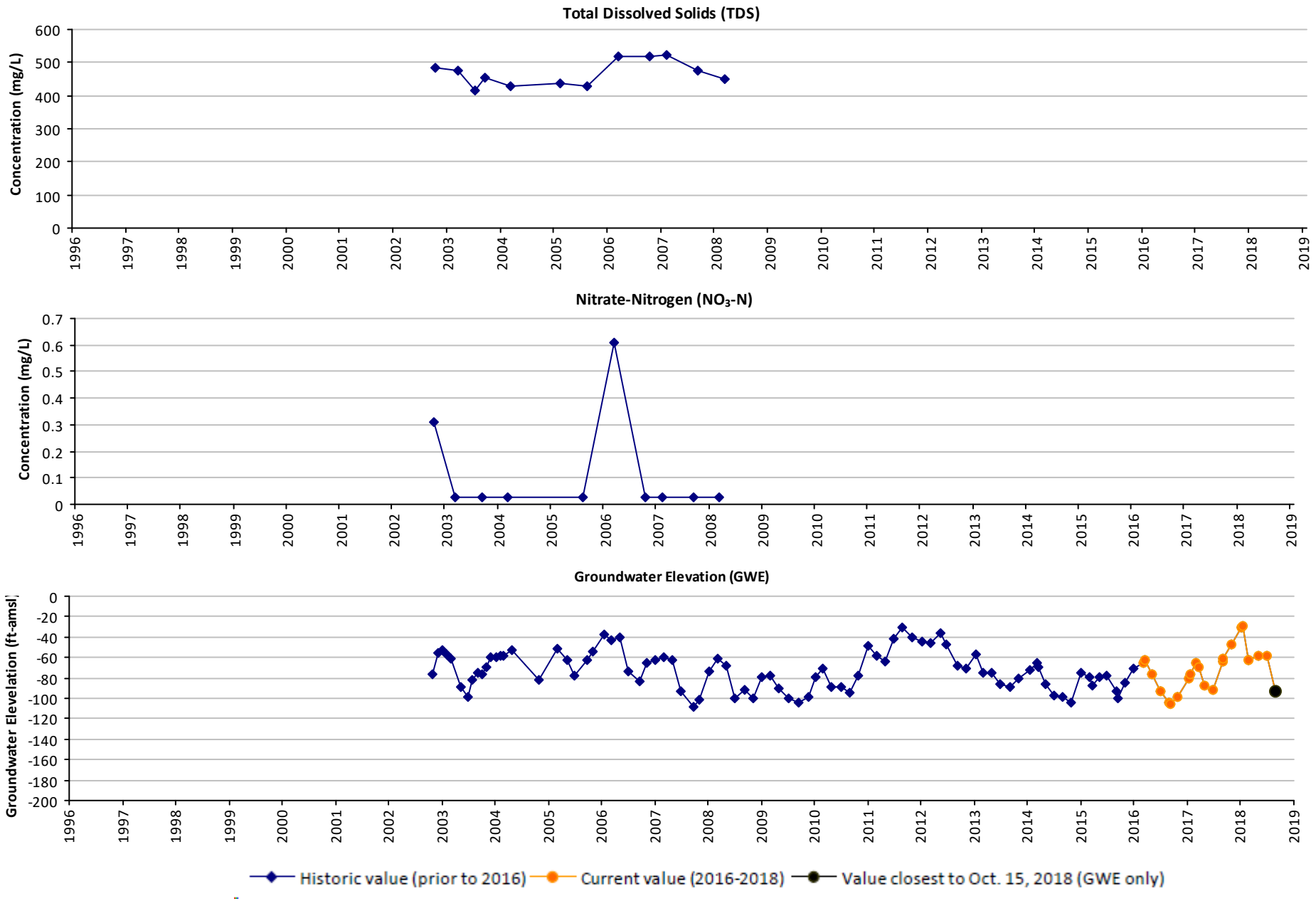

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

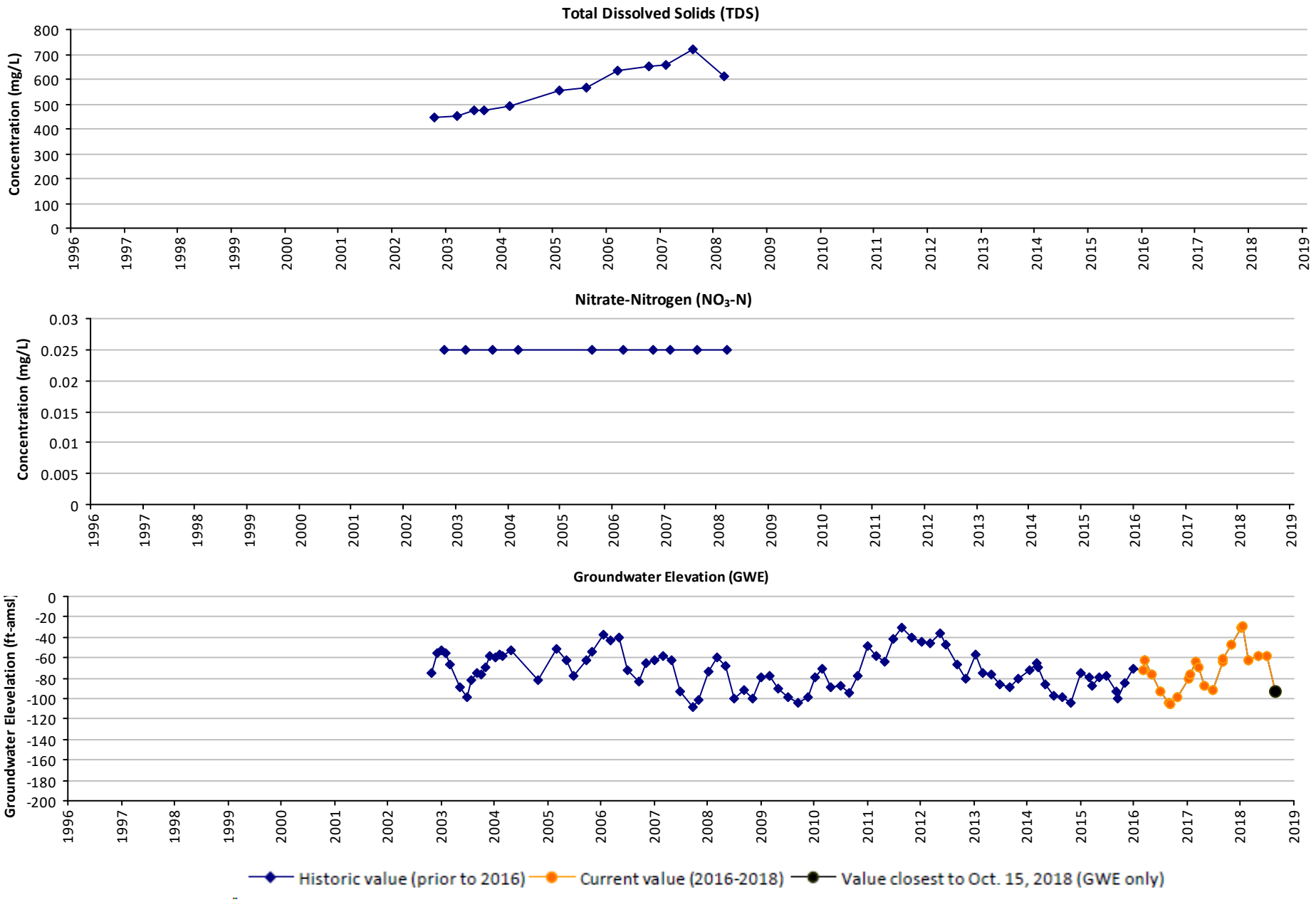

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

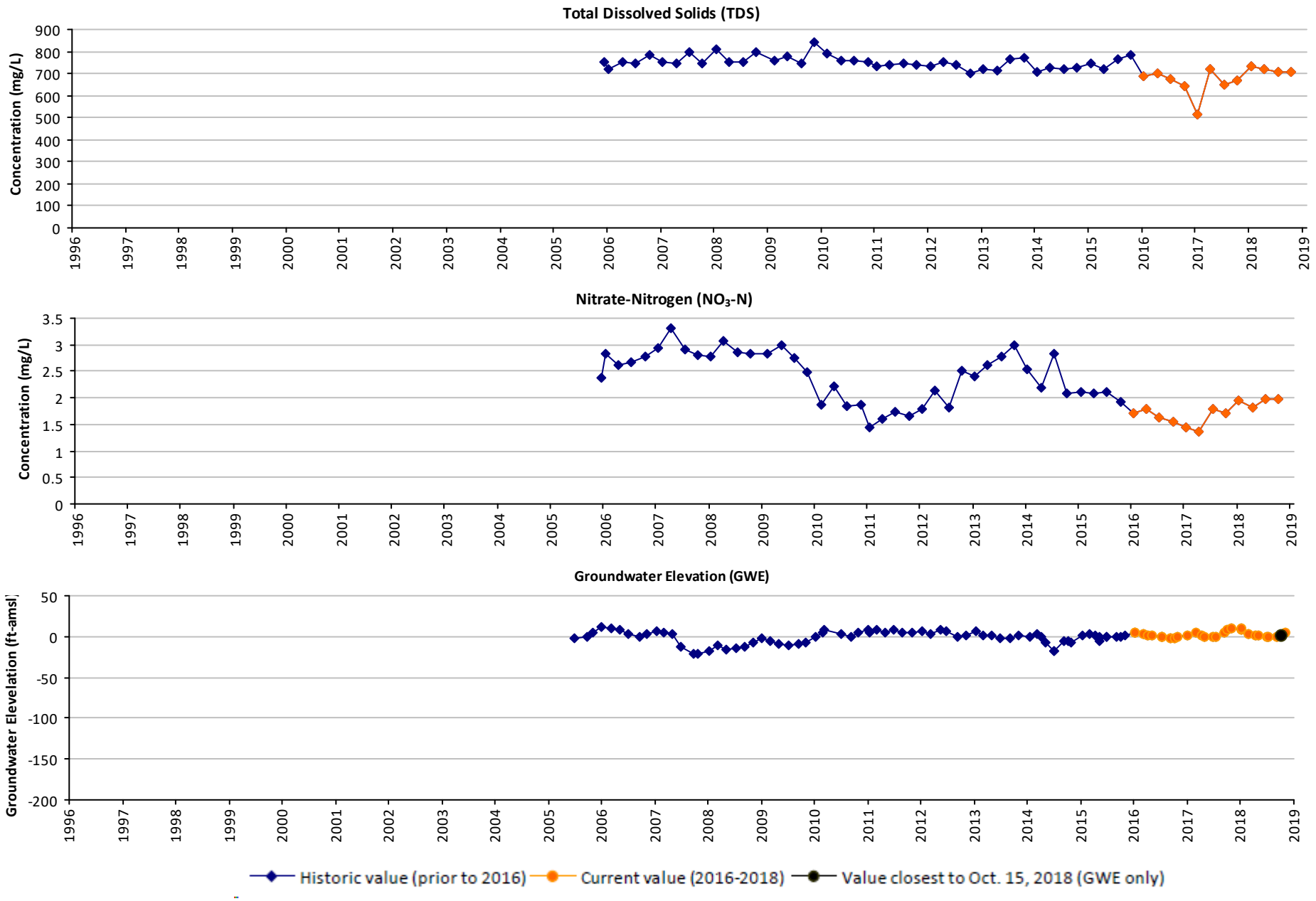

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

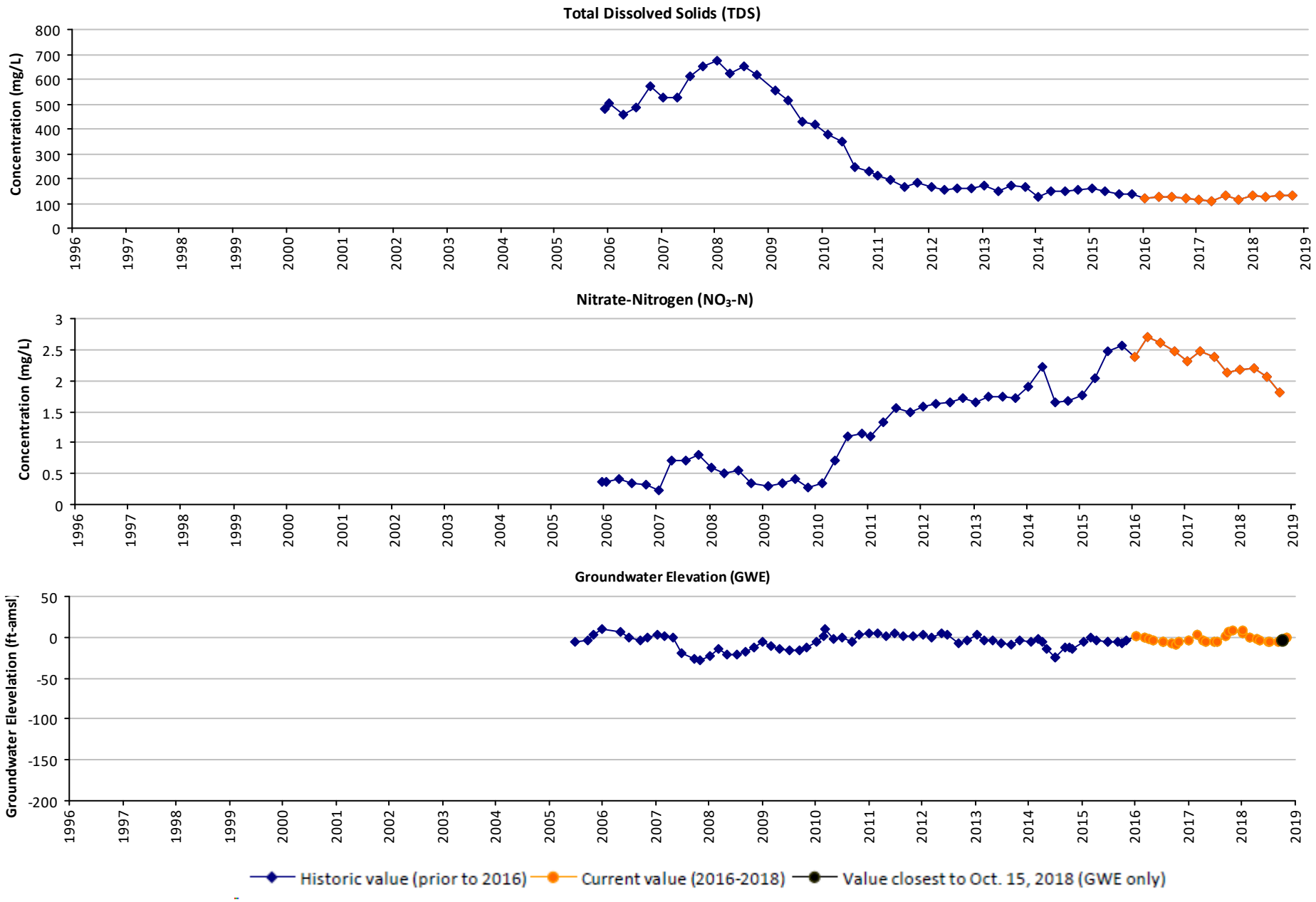

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

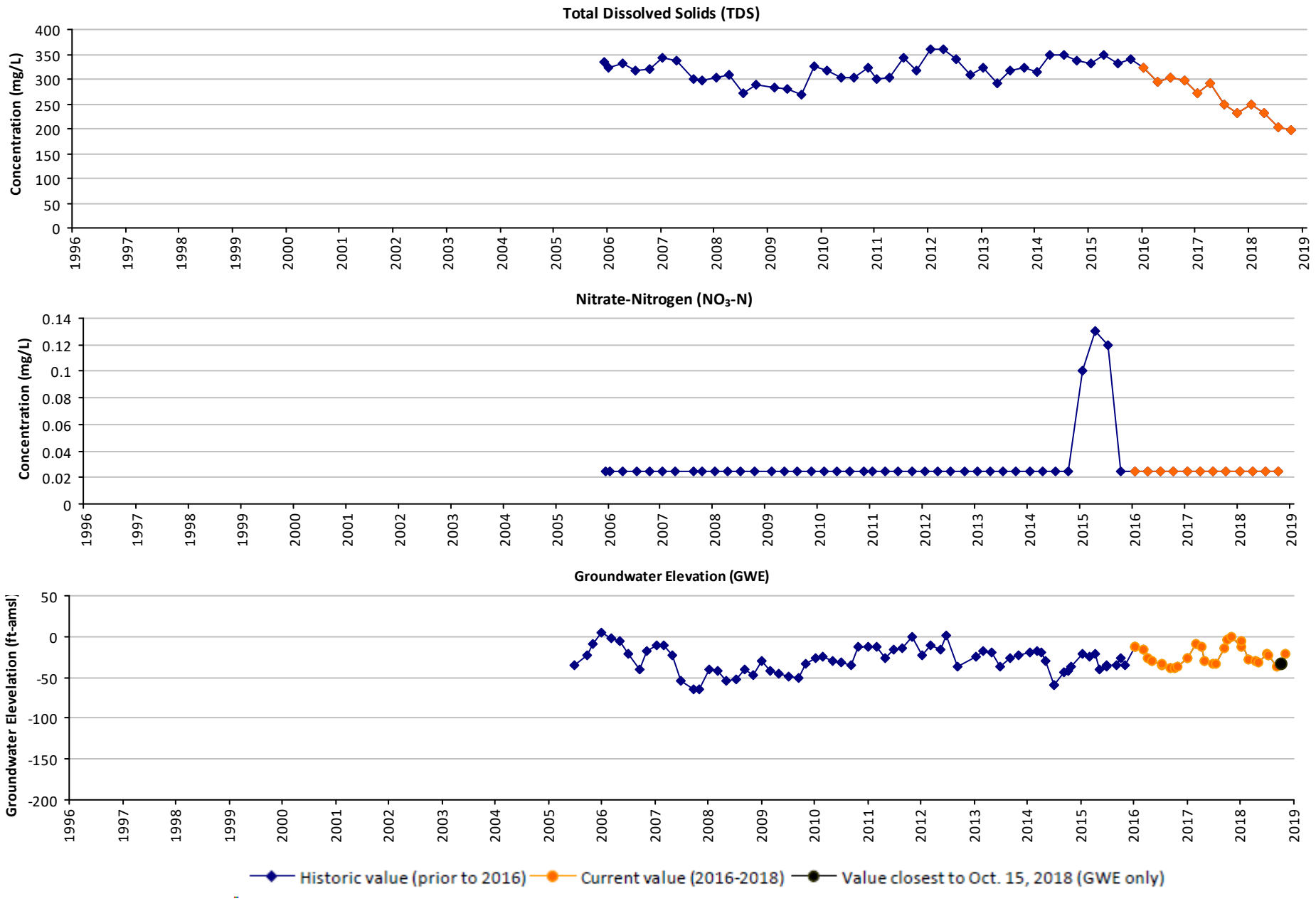

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

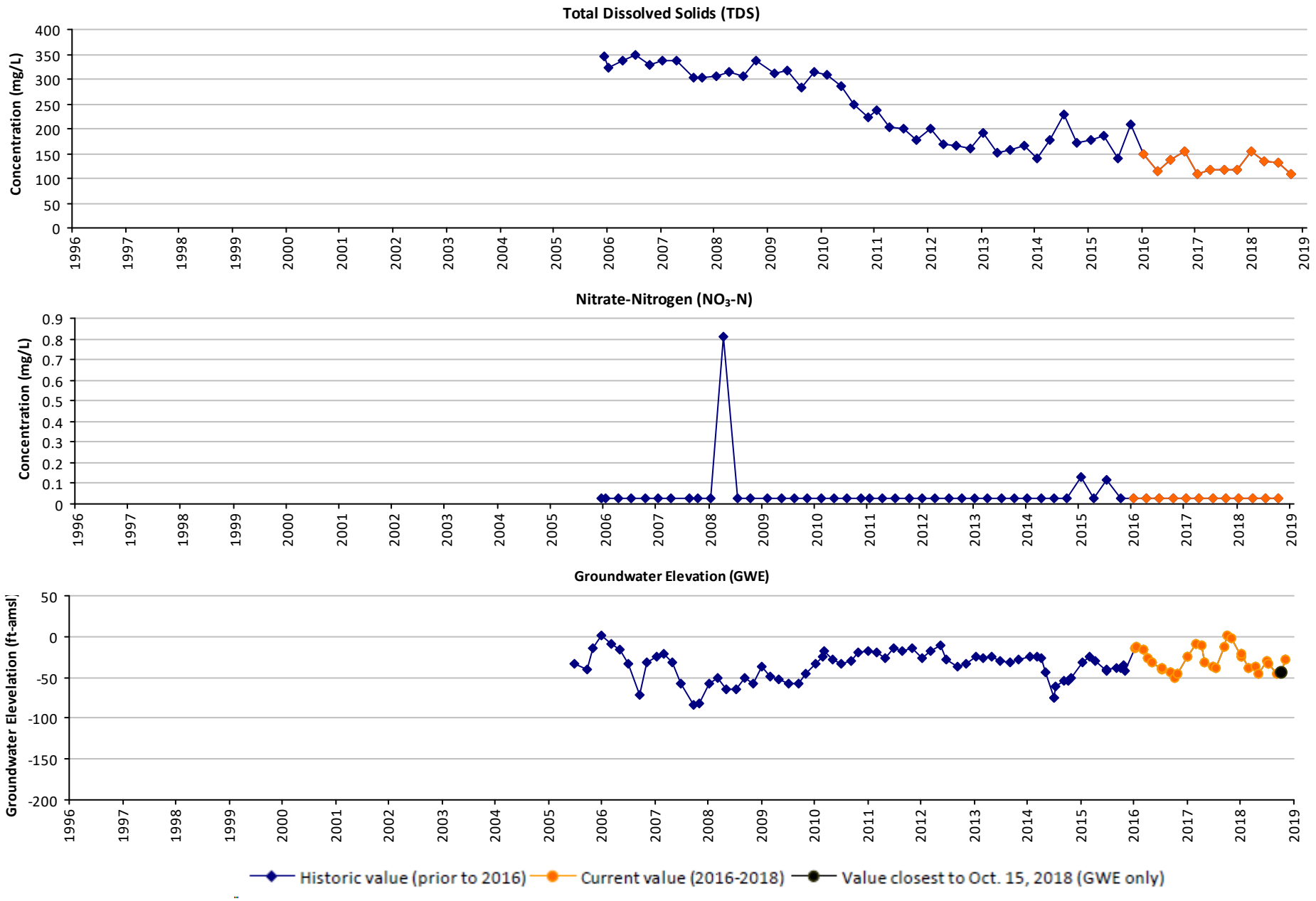

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

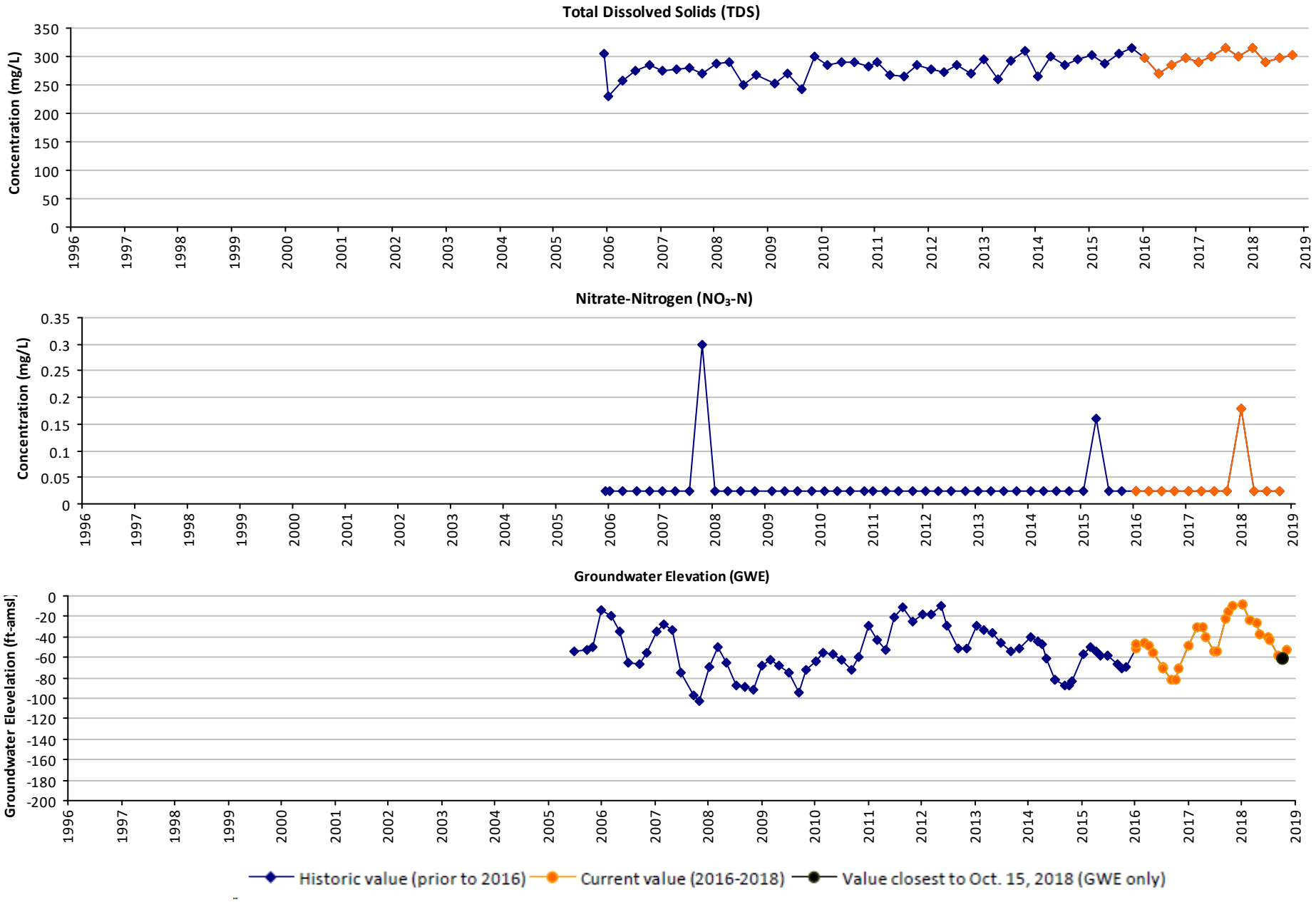

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

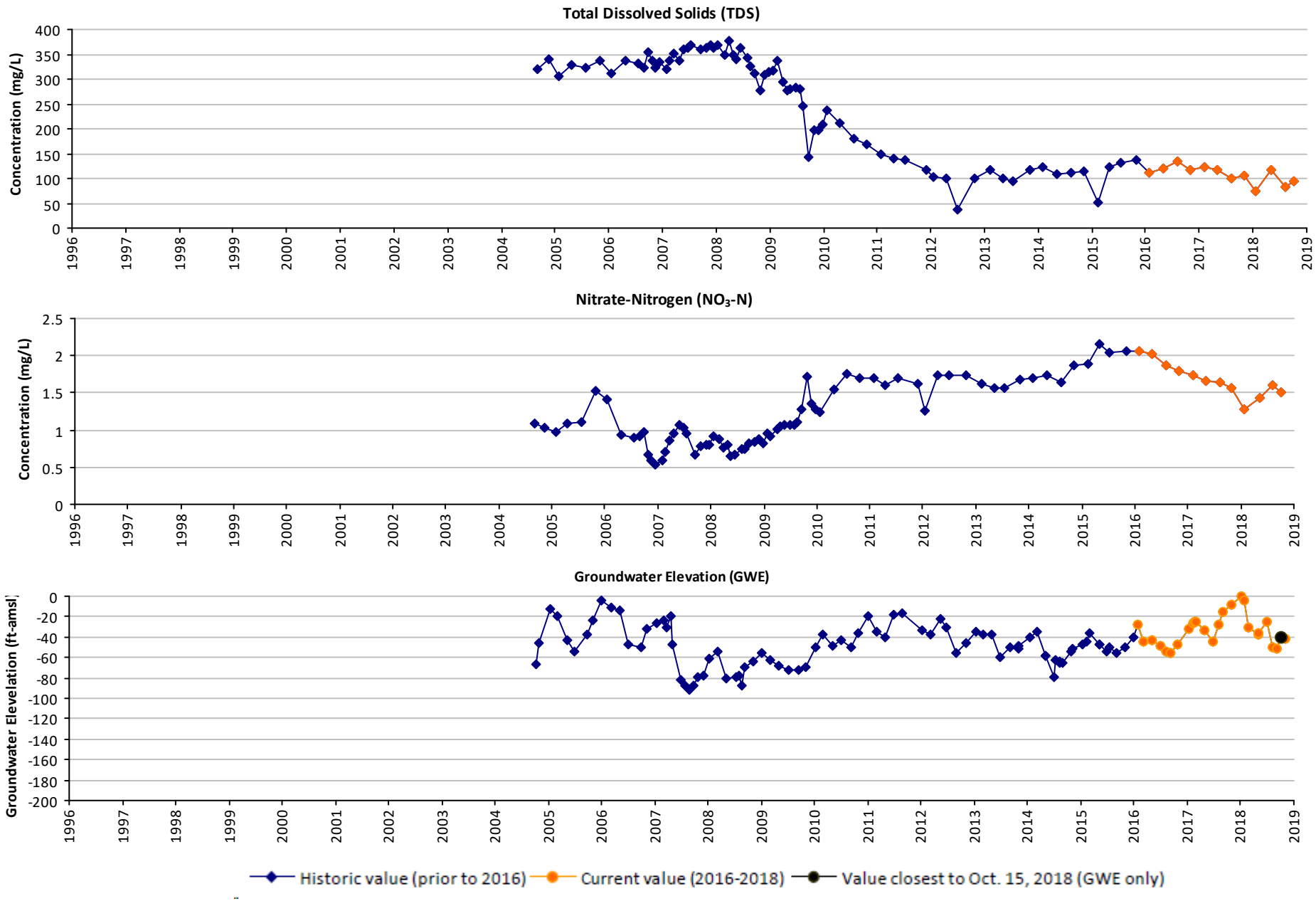

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

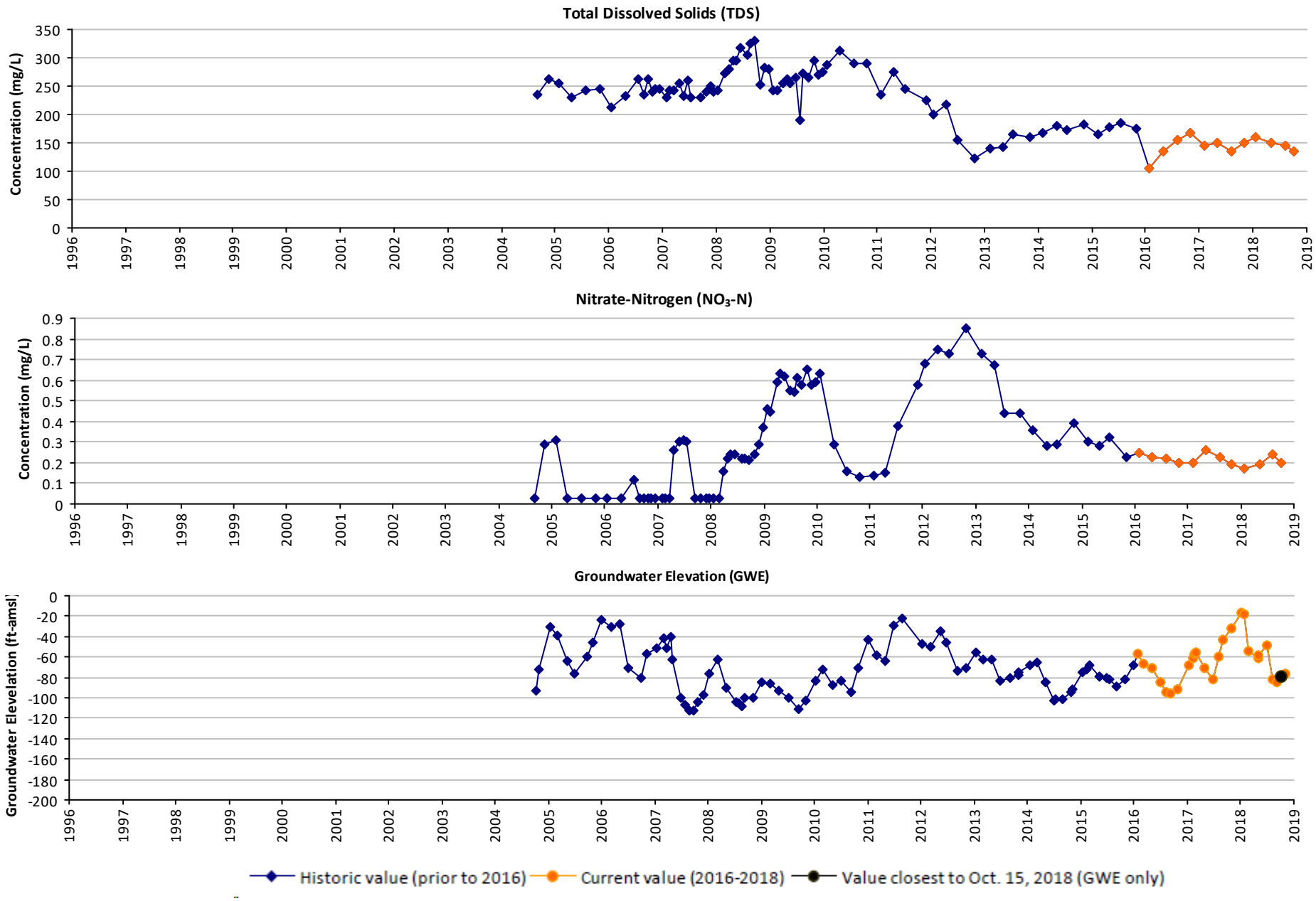

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

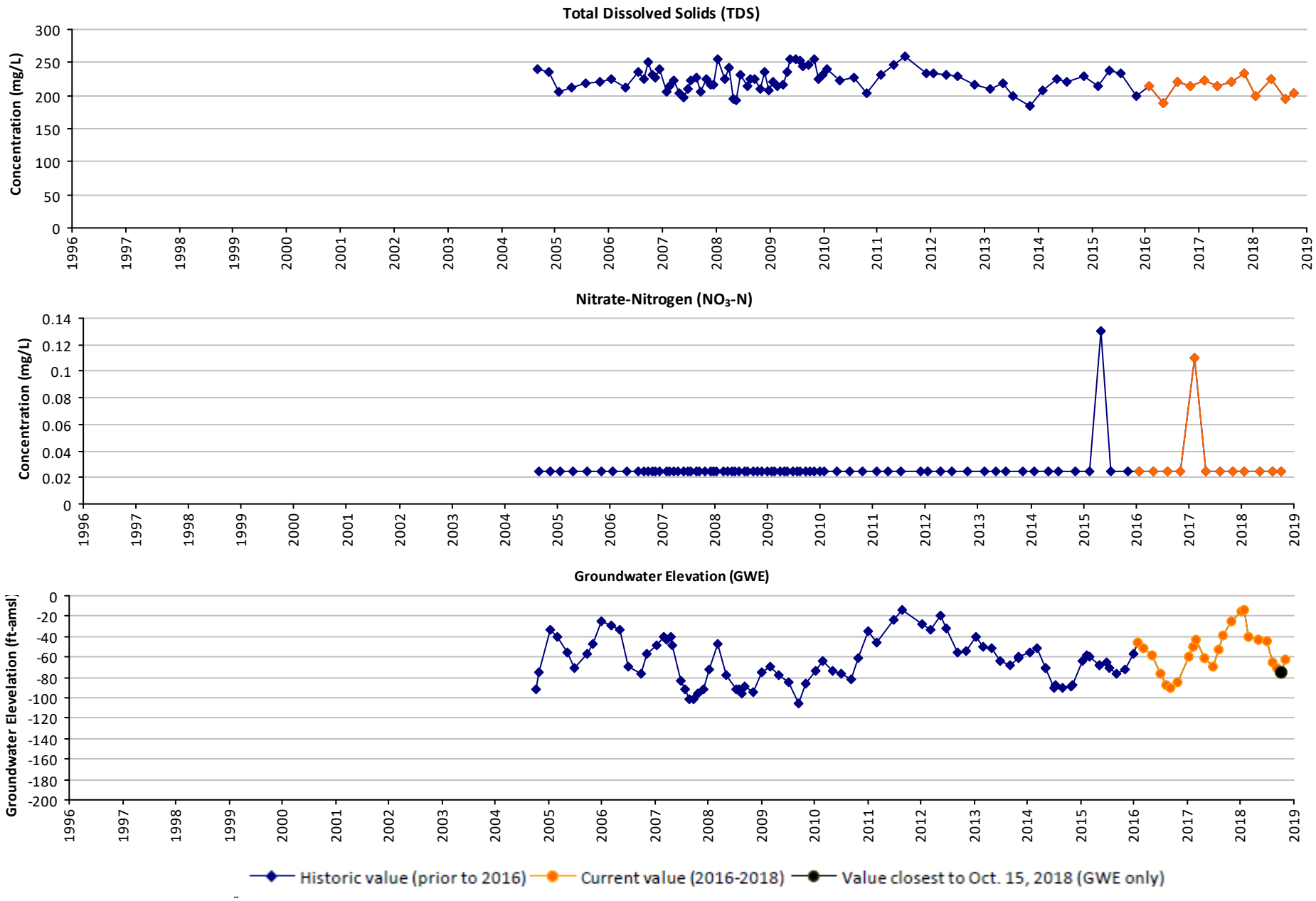

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

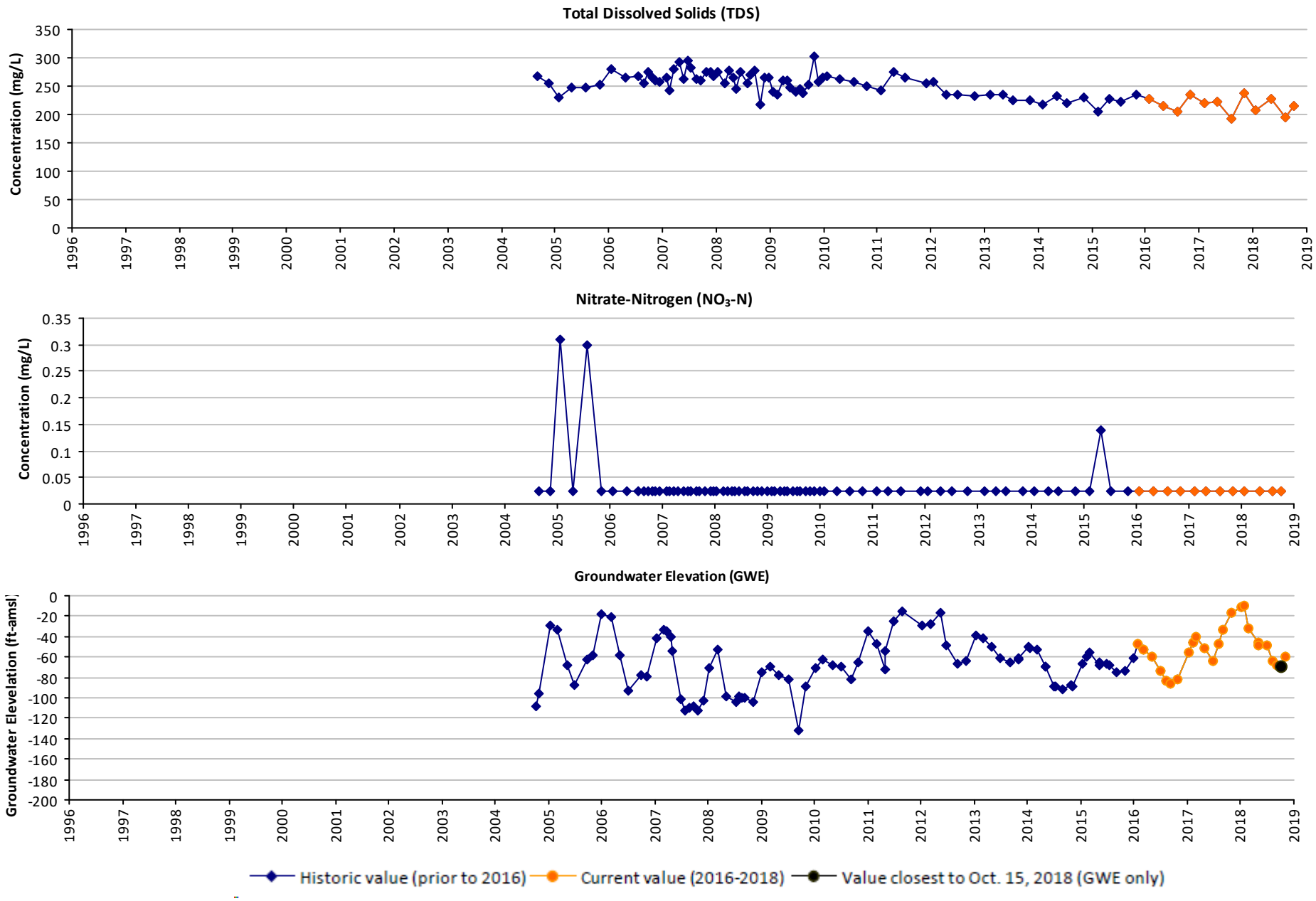

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

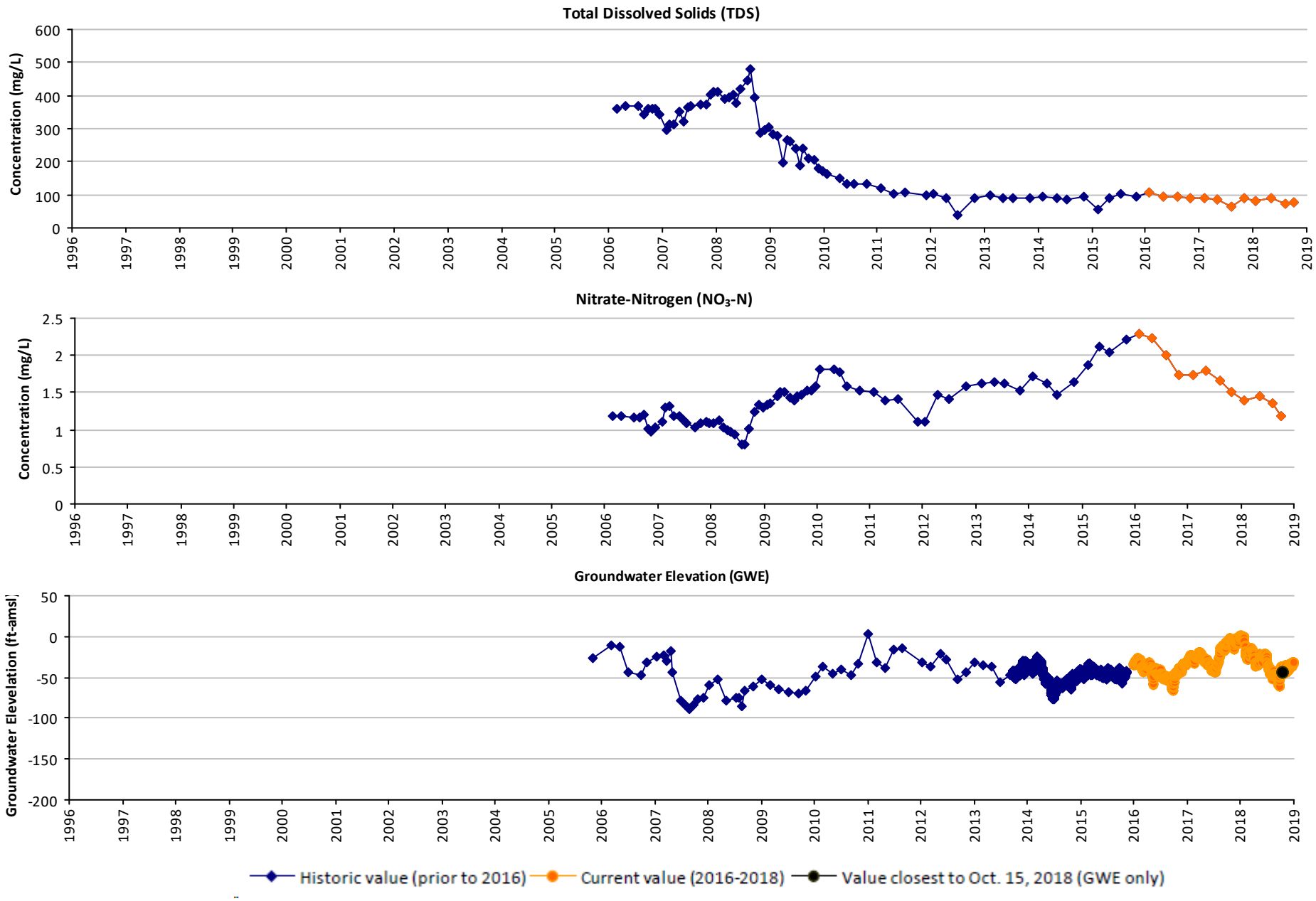

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

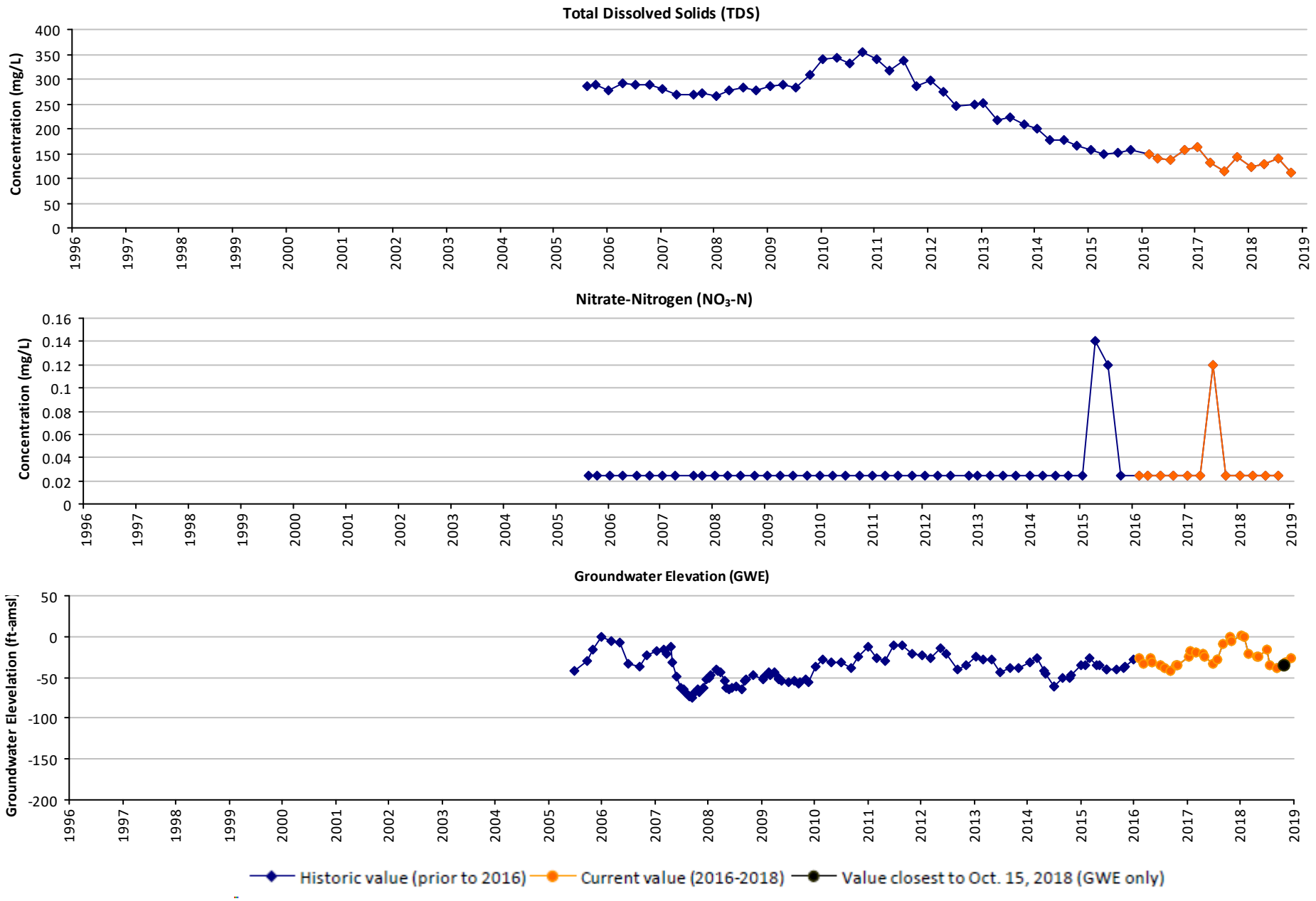

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

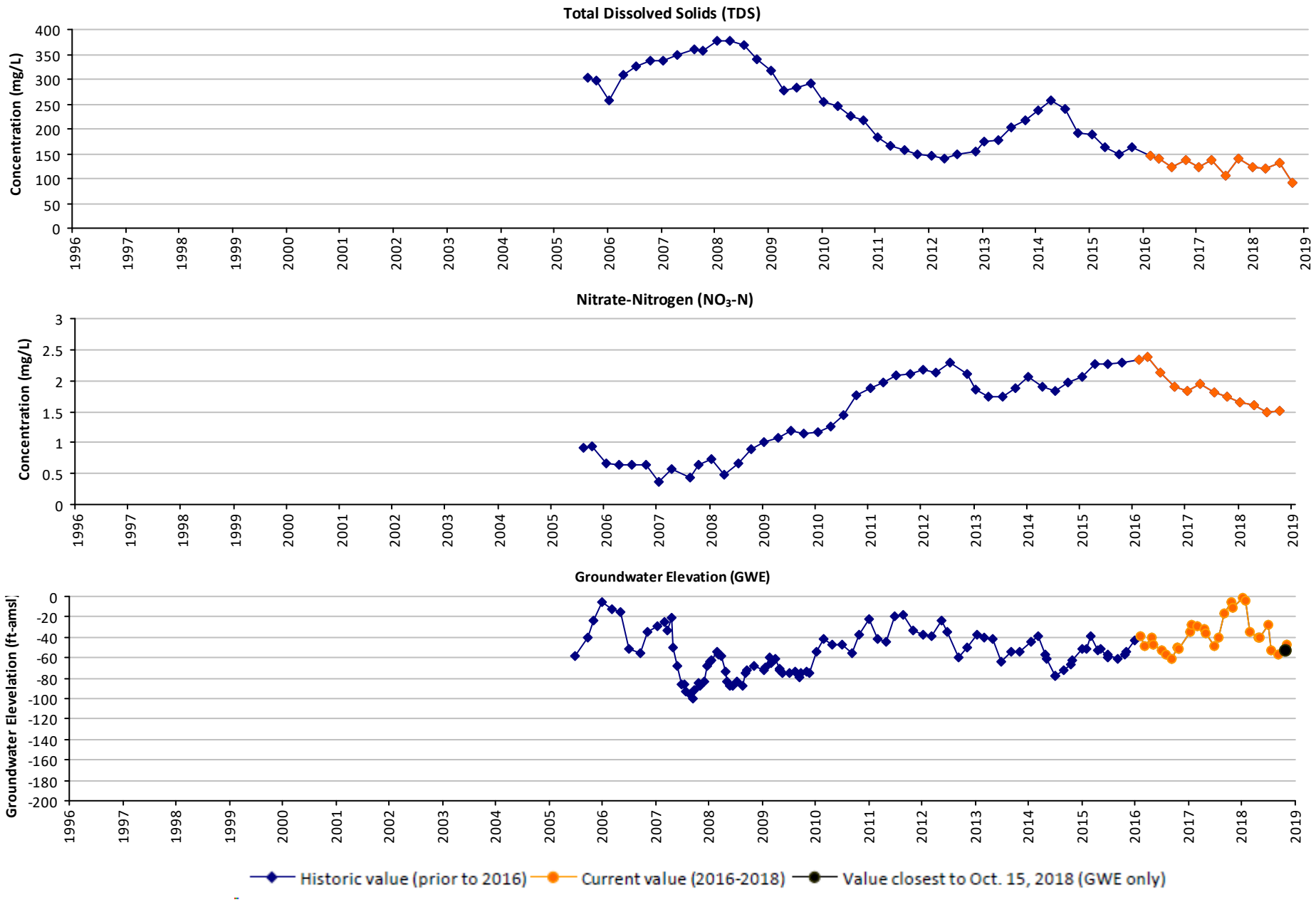

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

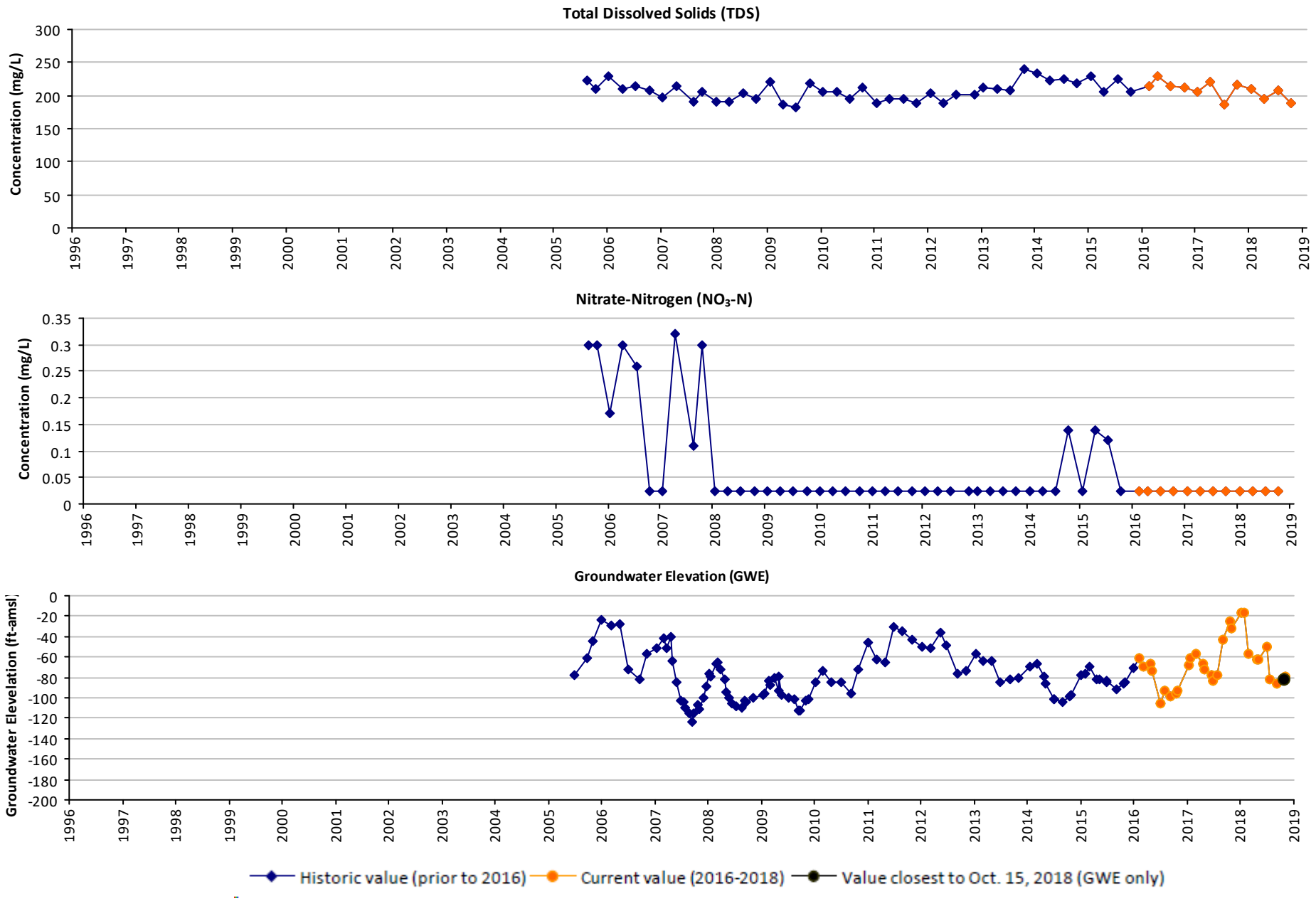

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

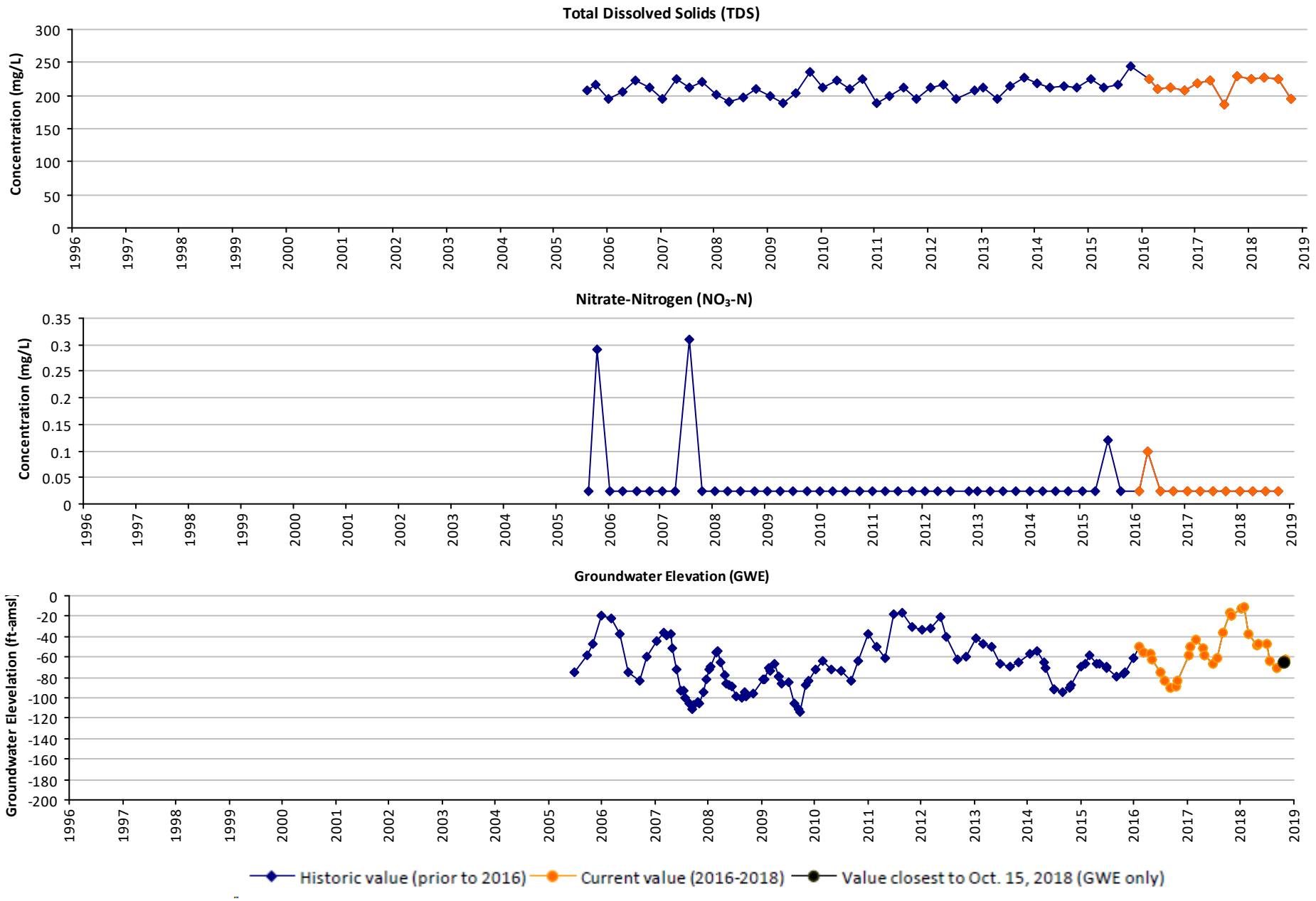

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

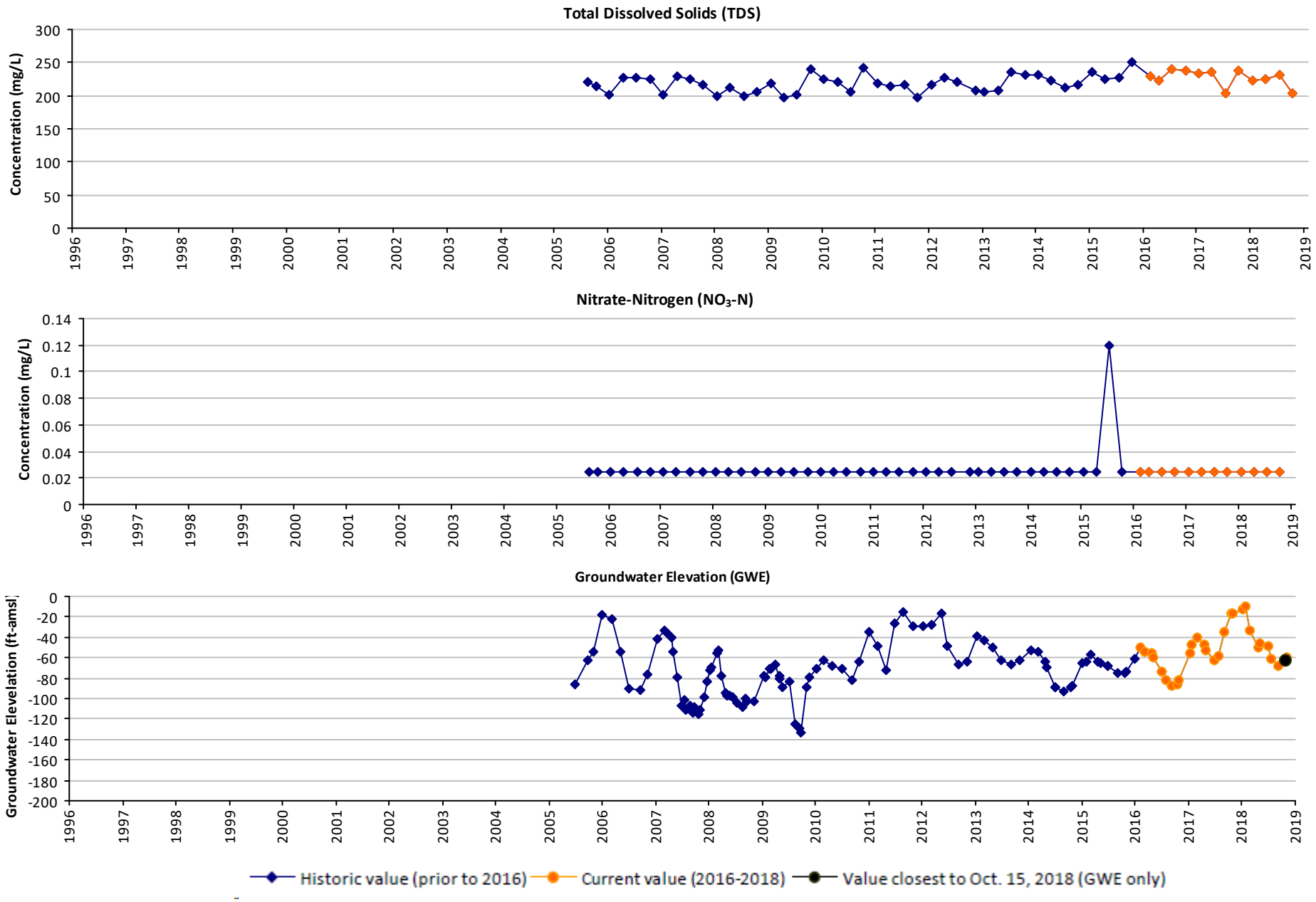

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
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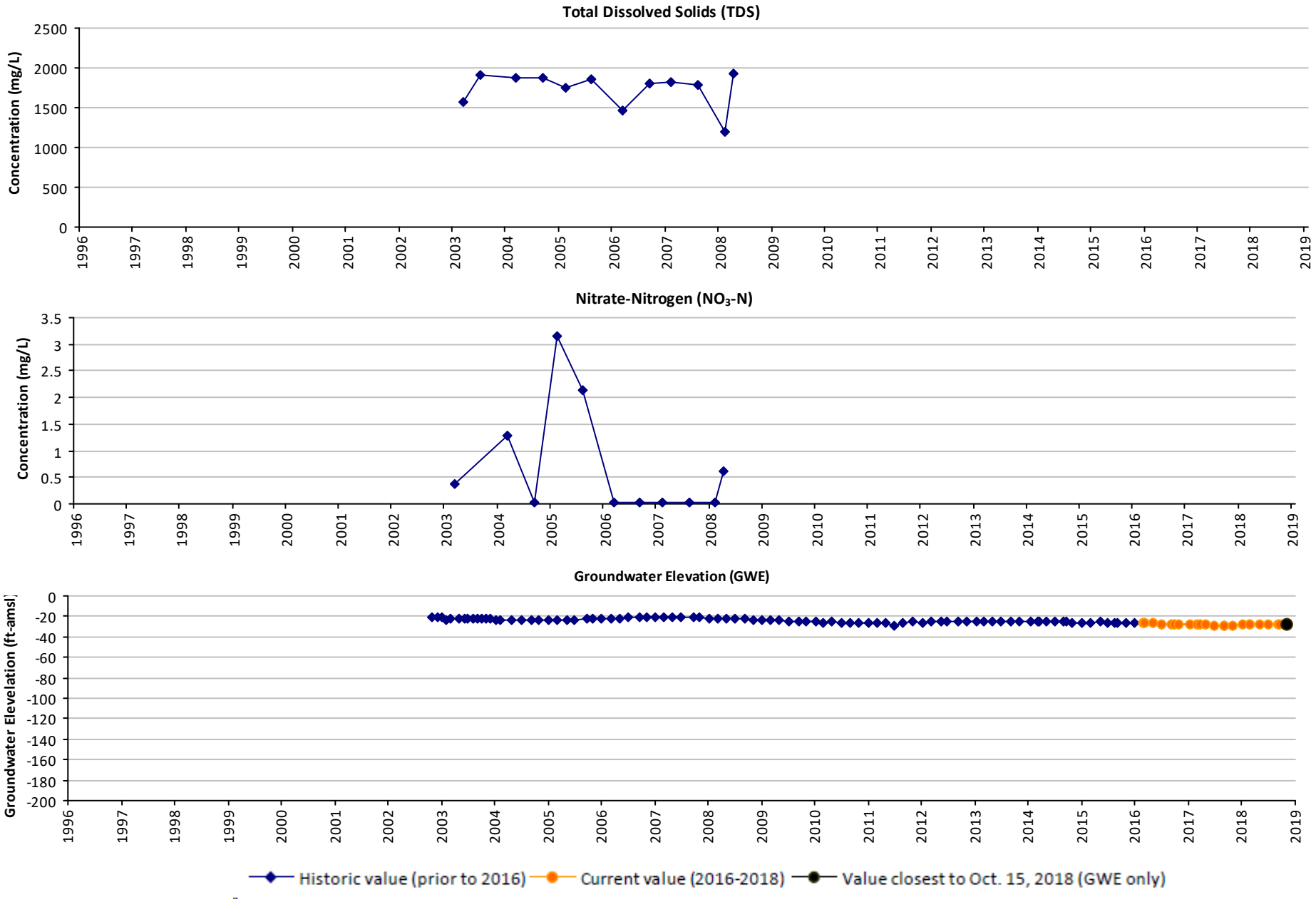
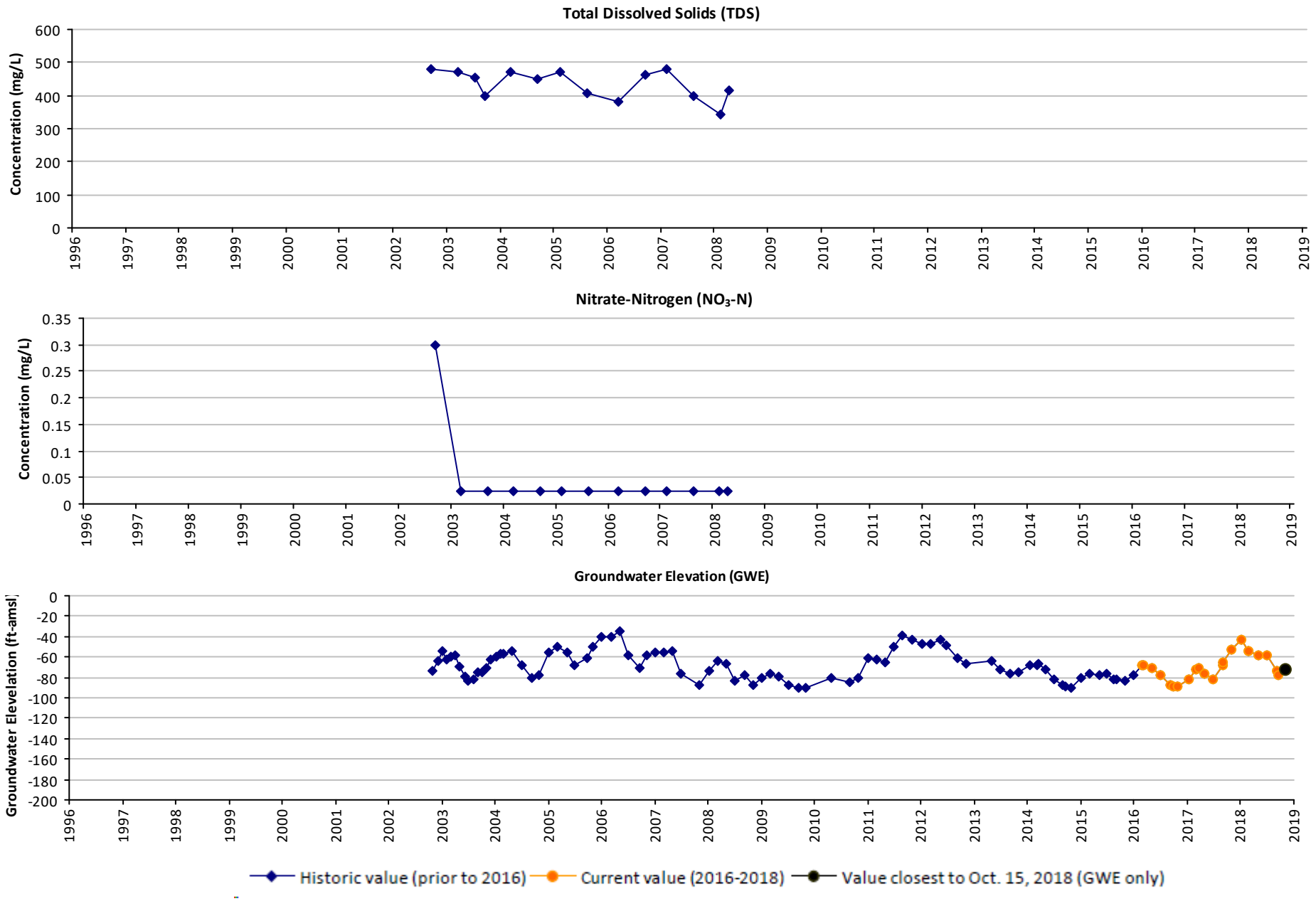

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
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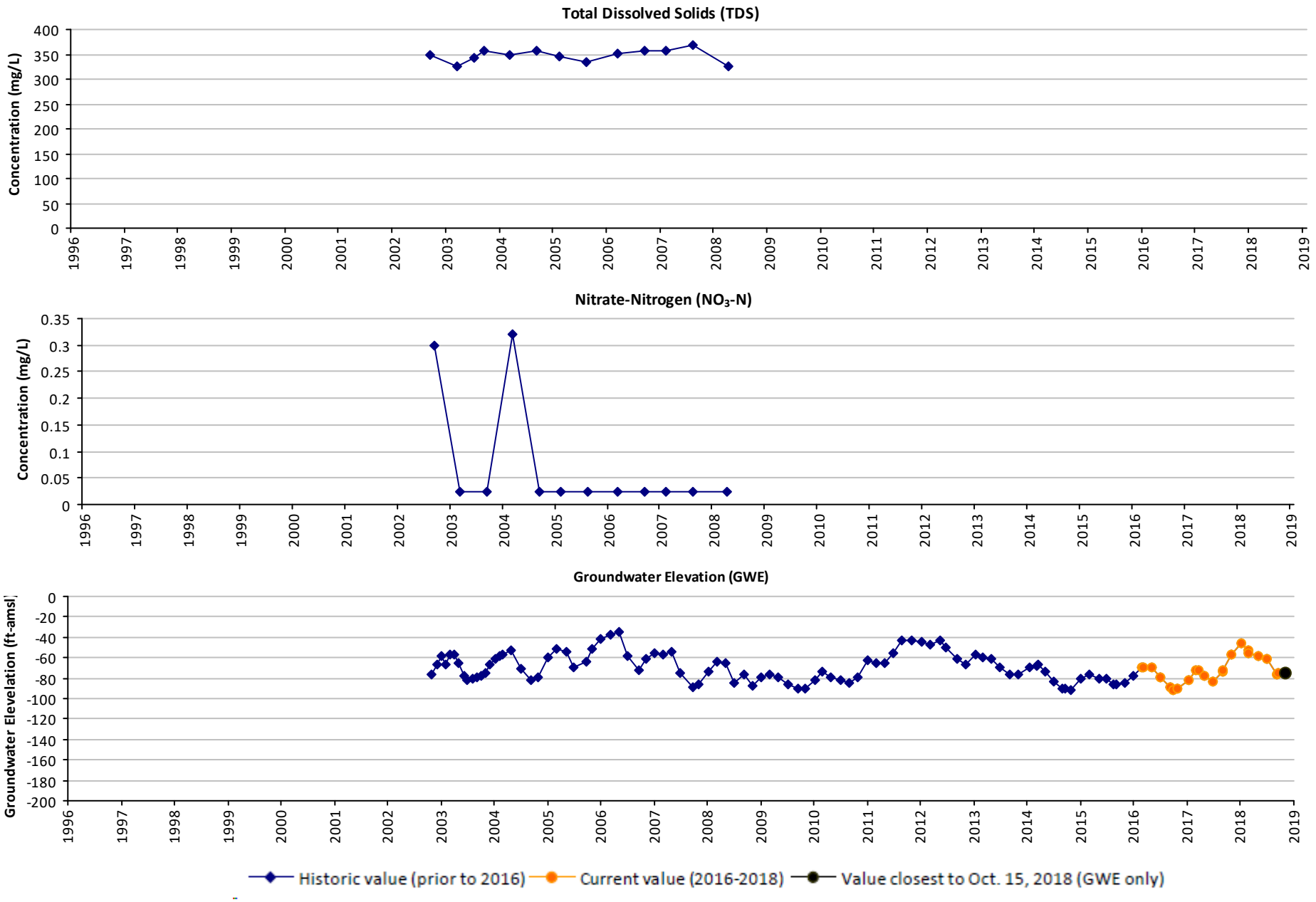
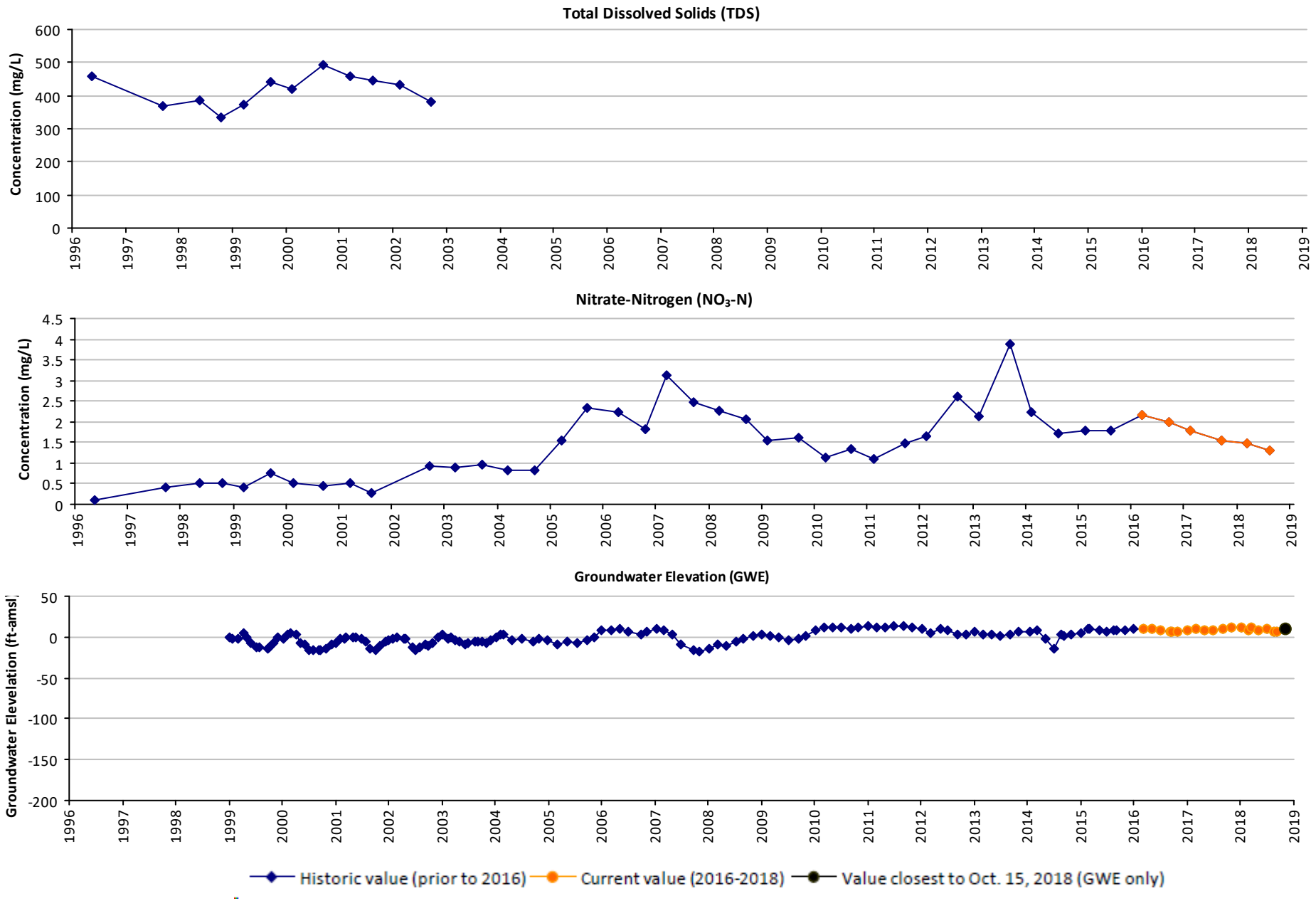

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Nitrate-Nitrogen (NO_3-N)
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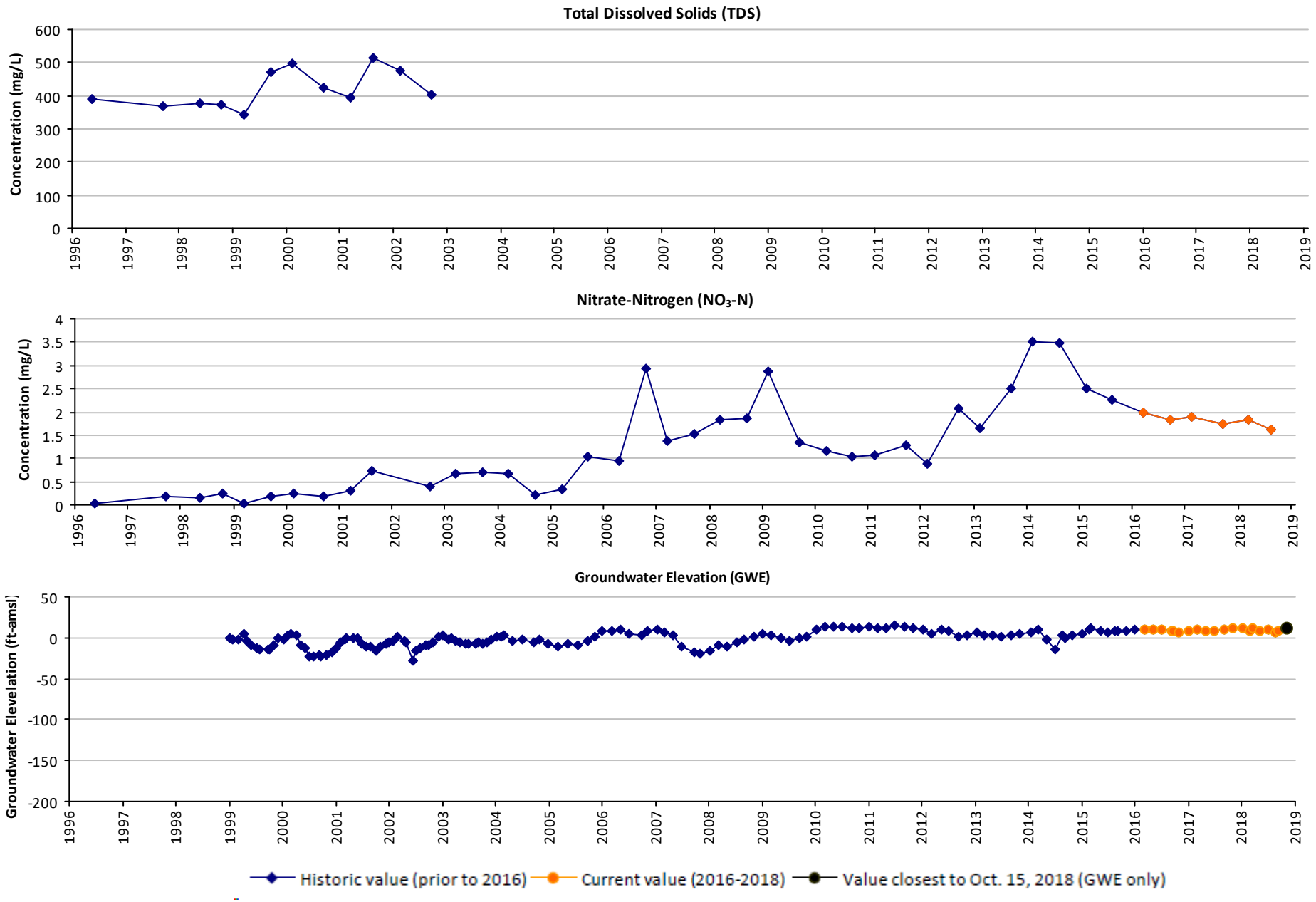
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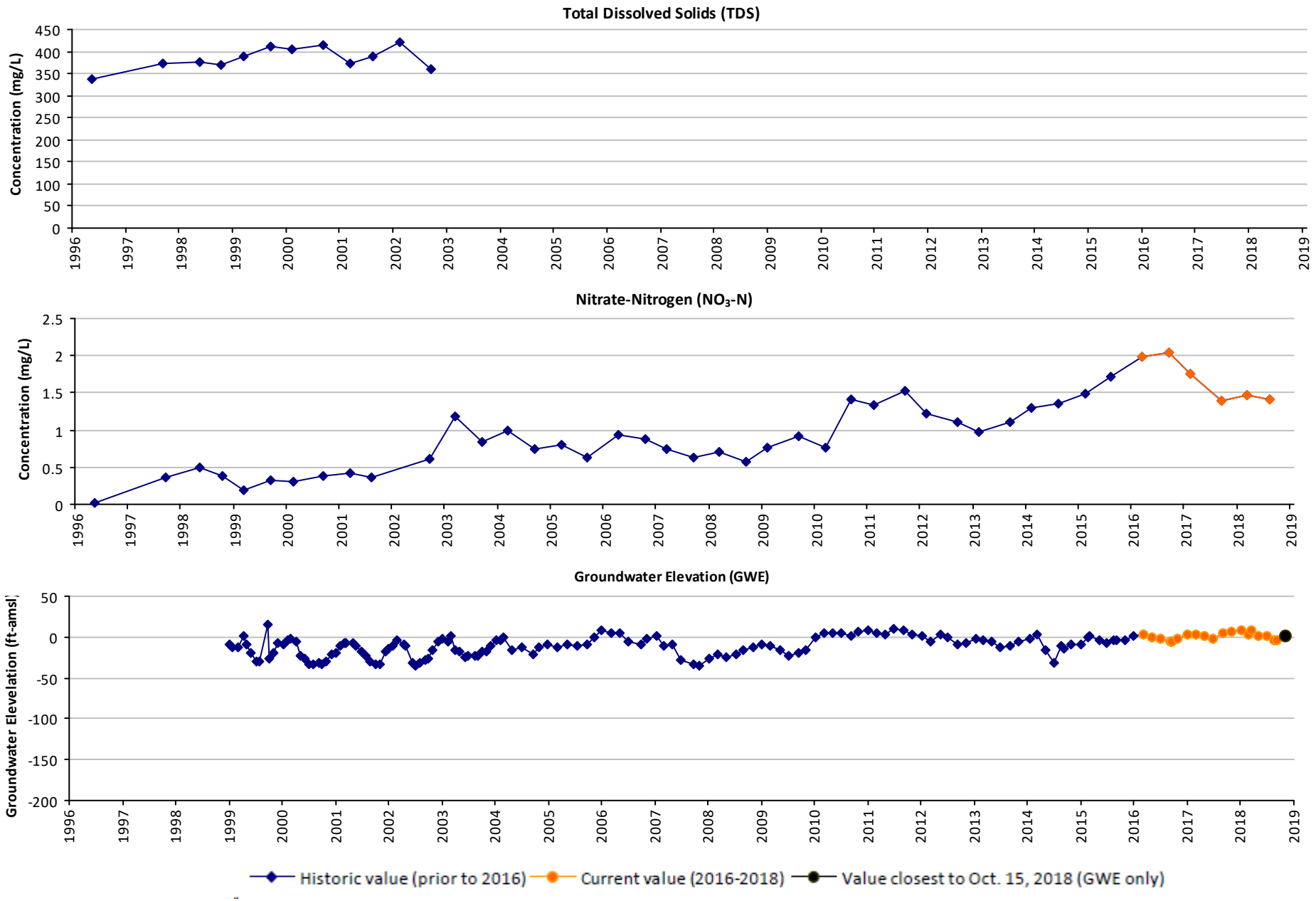
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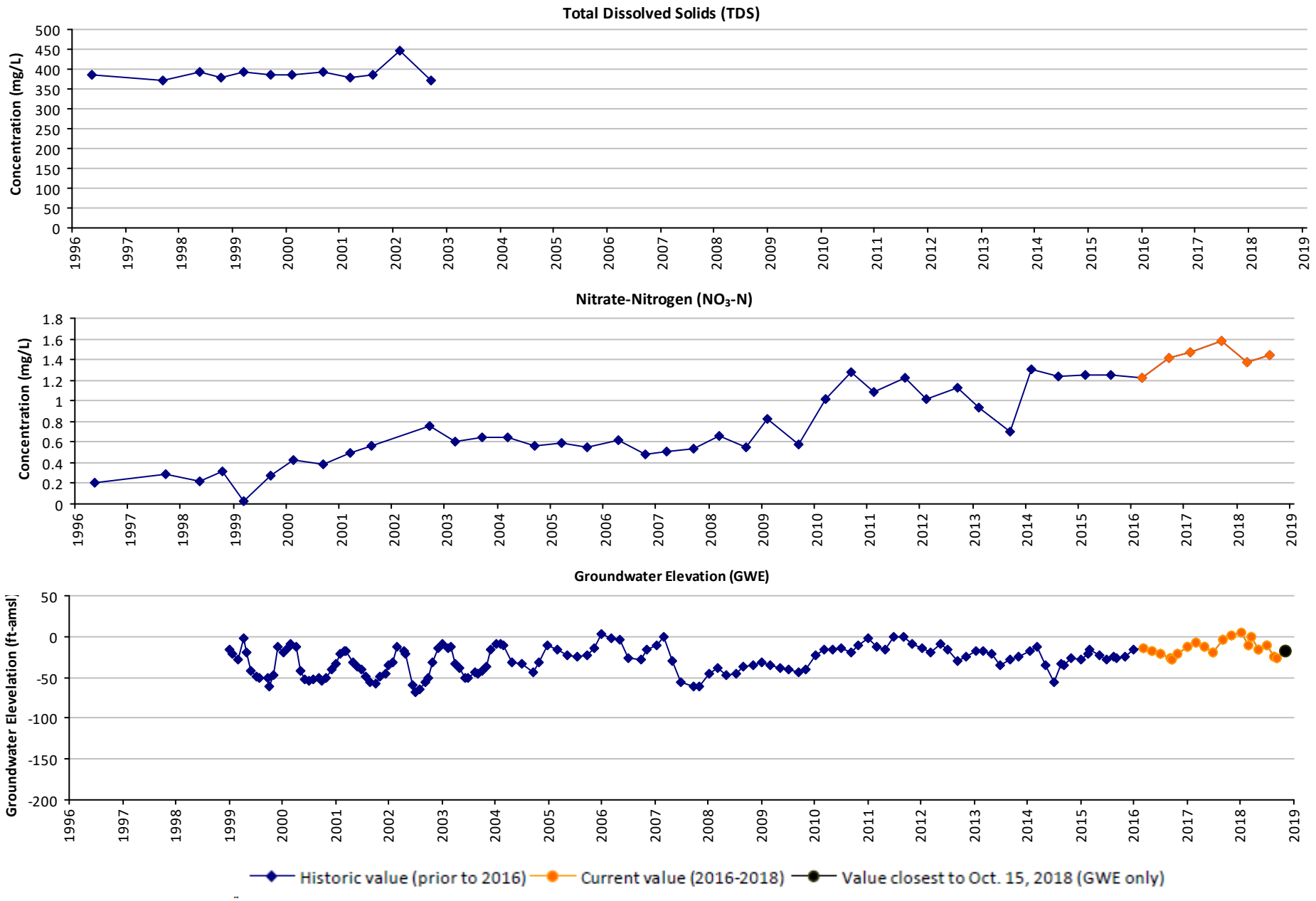
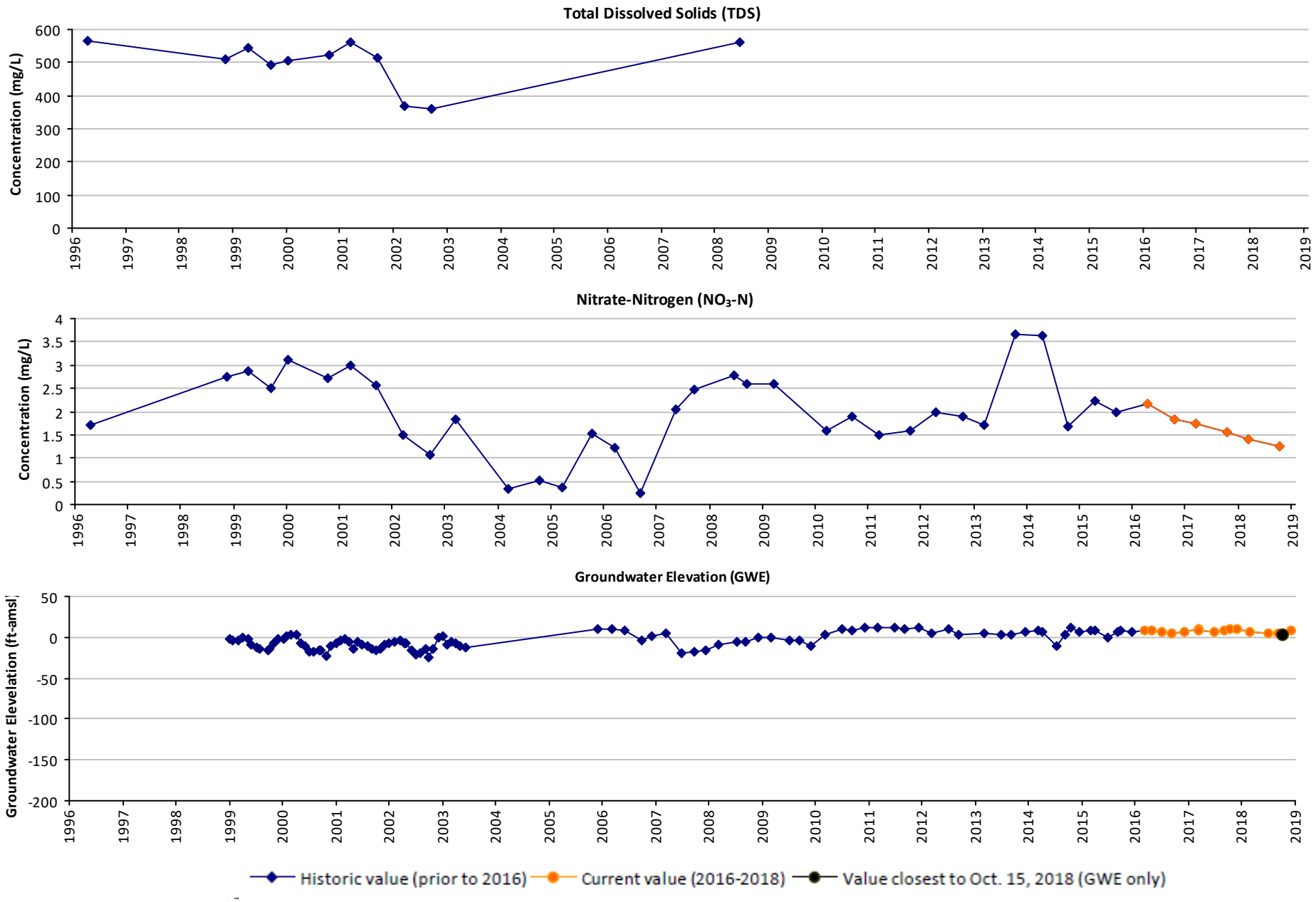
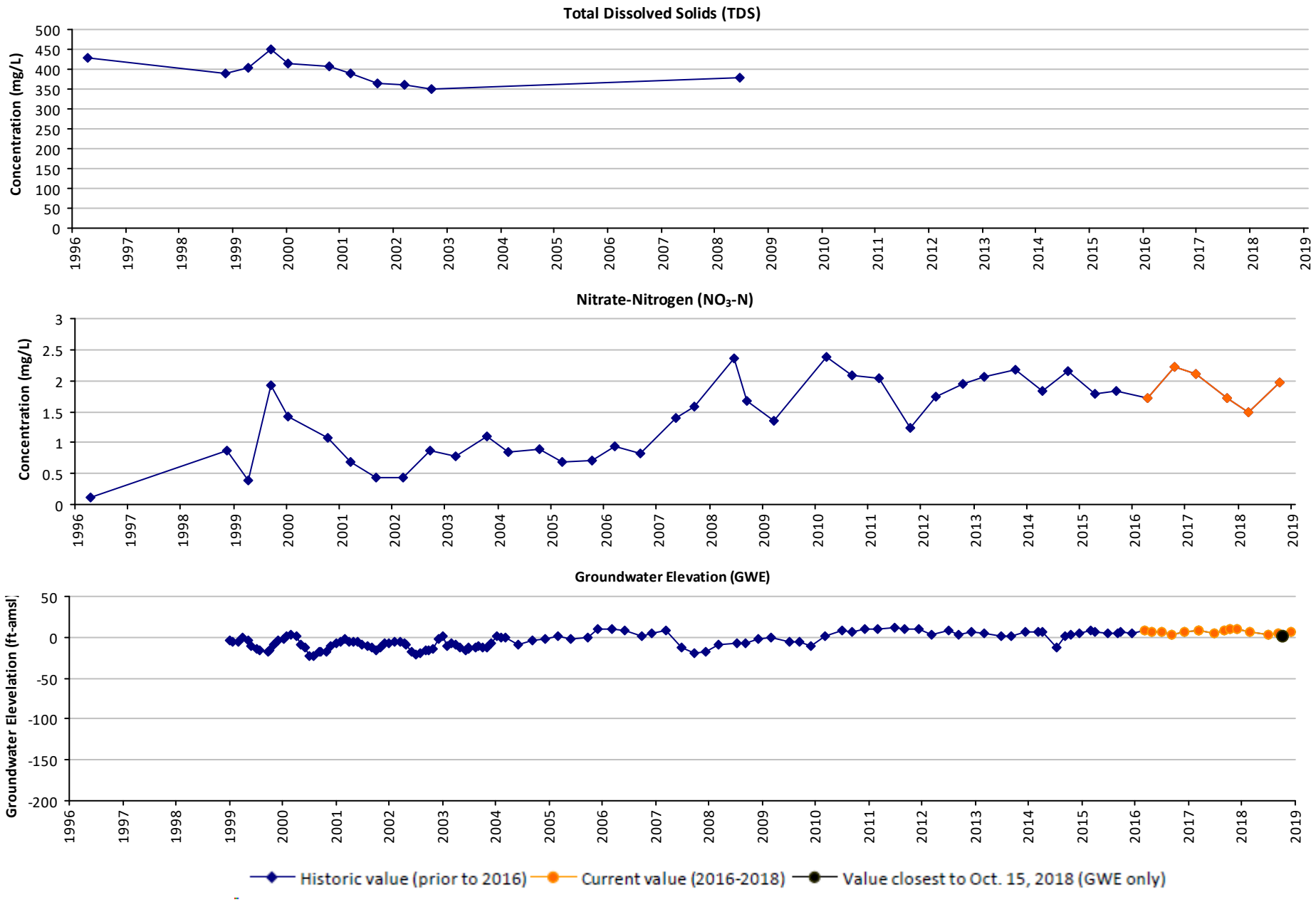
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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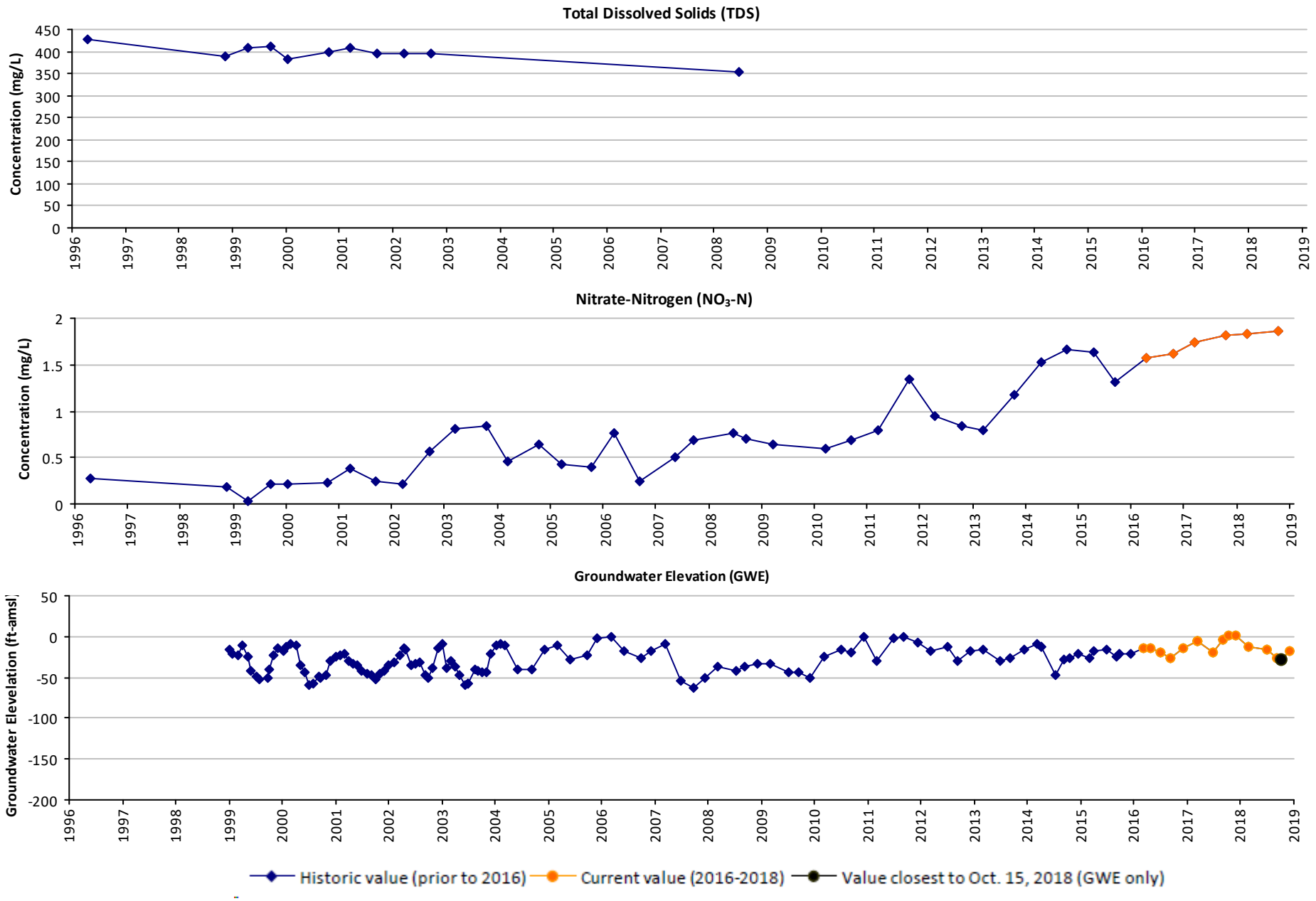
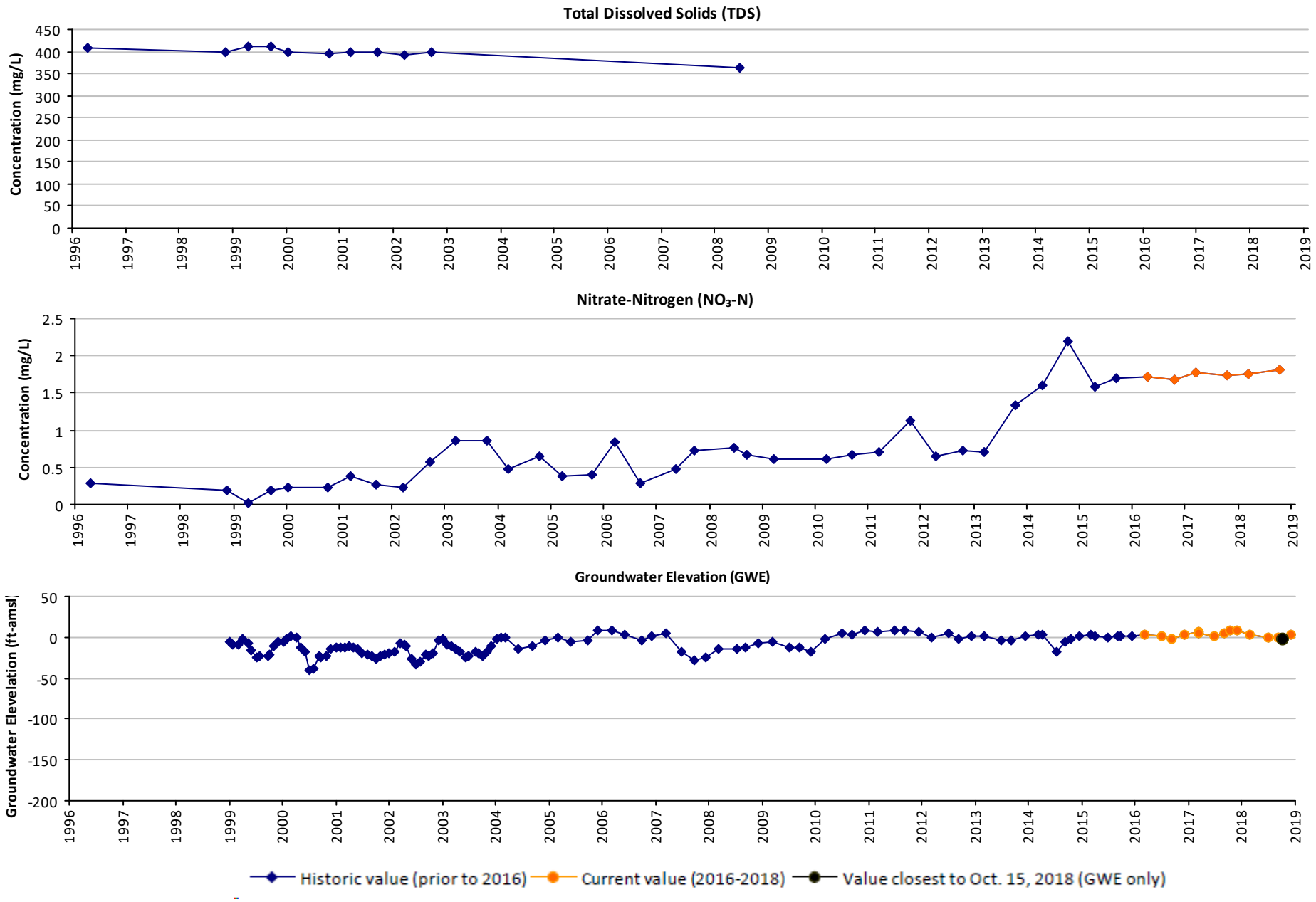
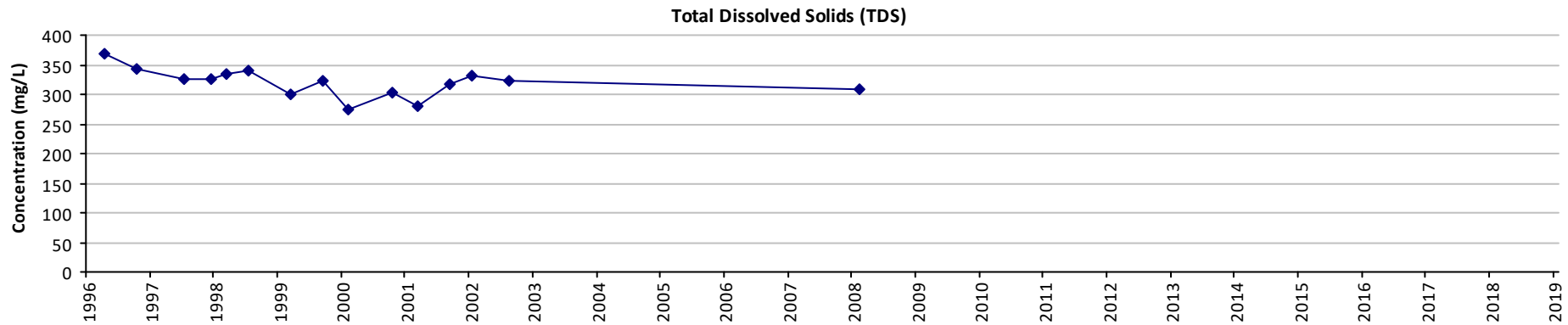
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

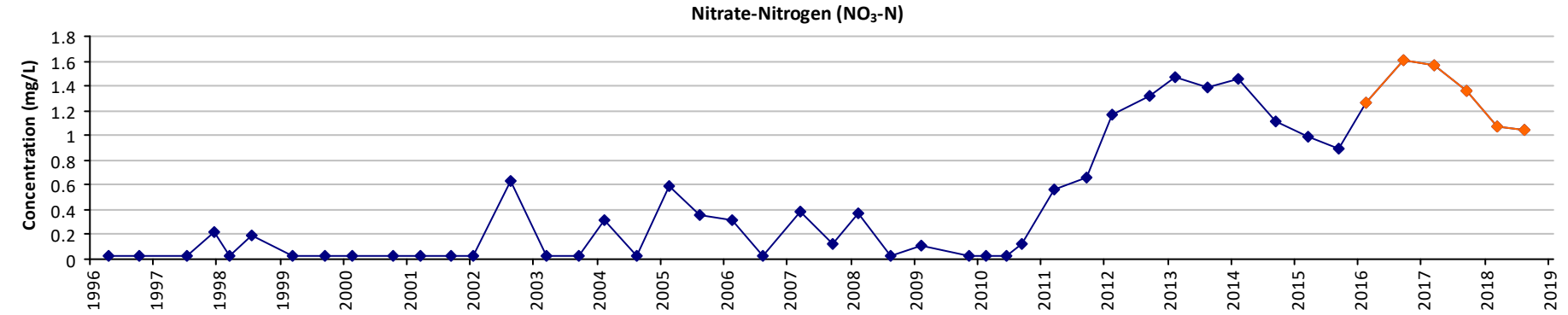

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

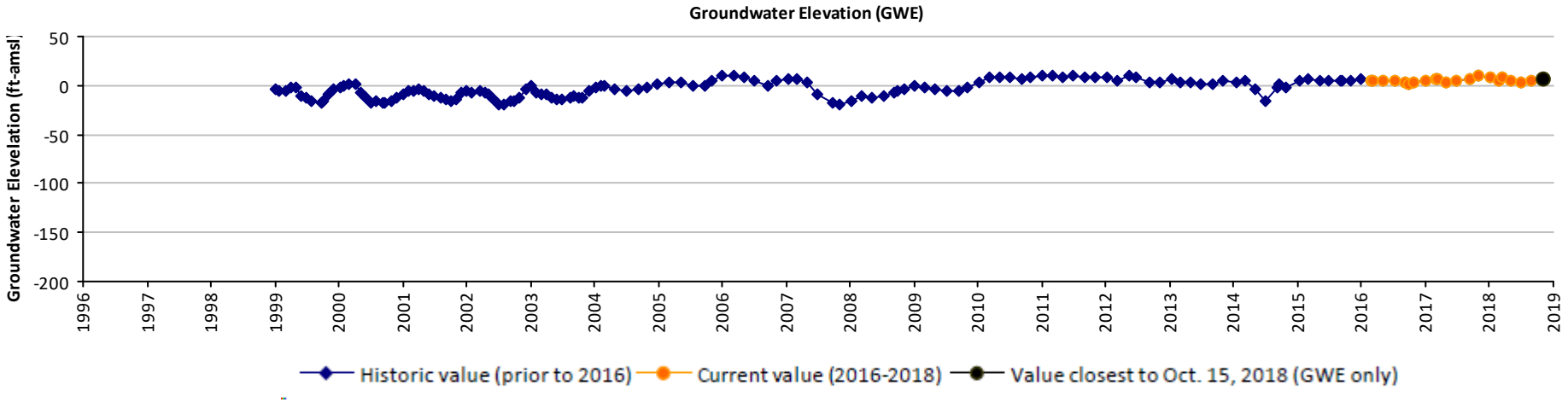

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

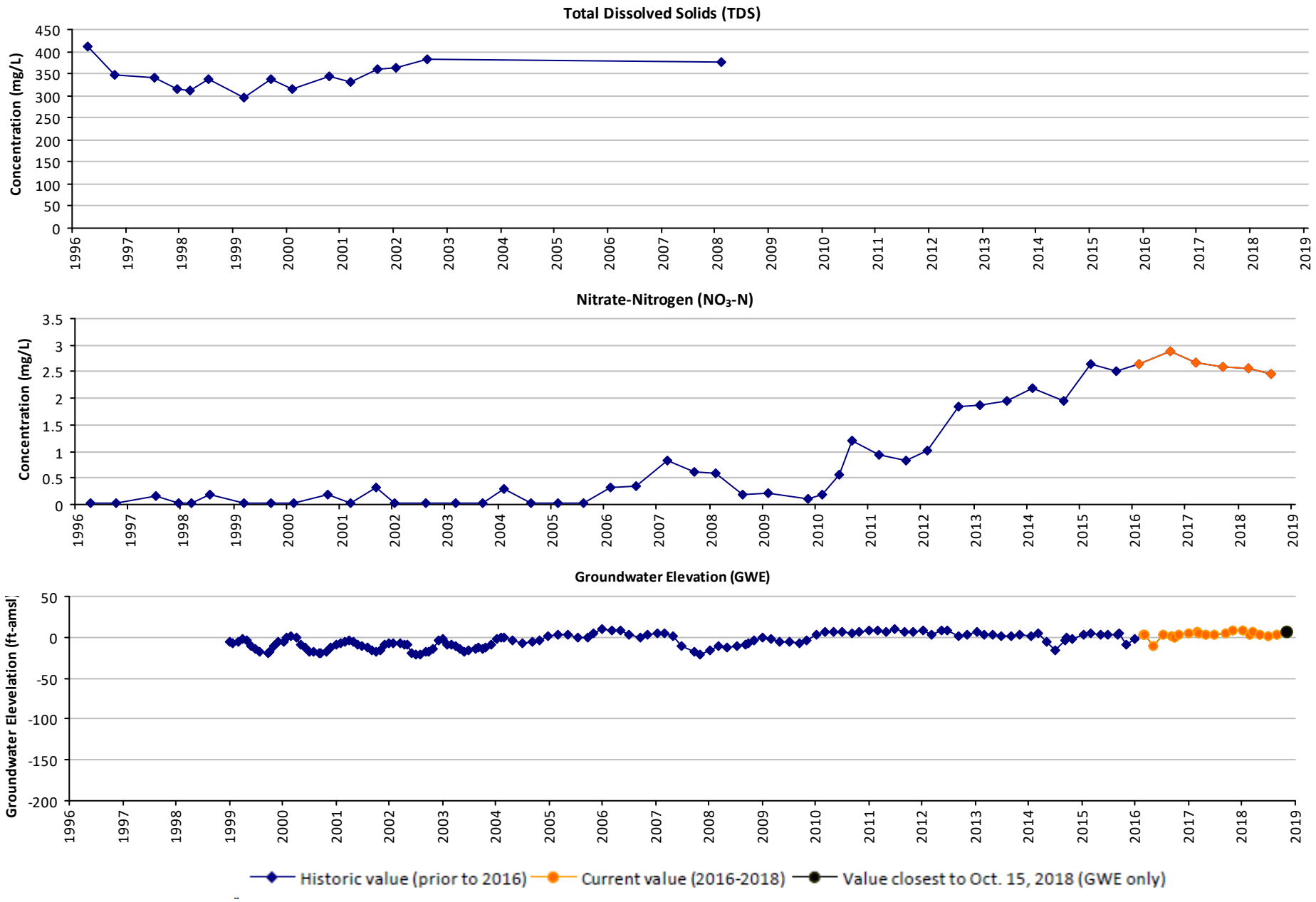
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

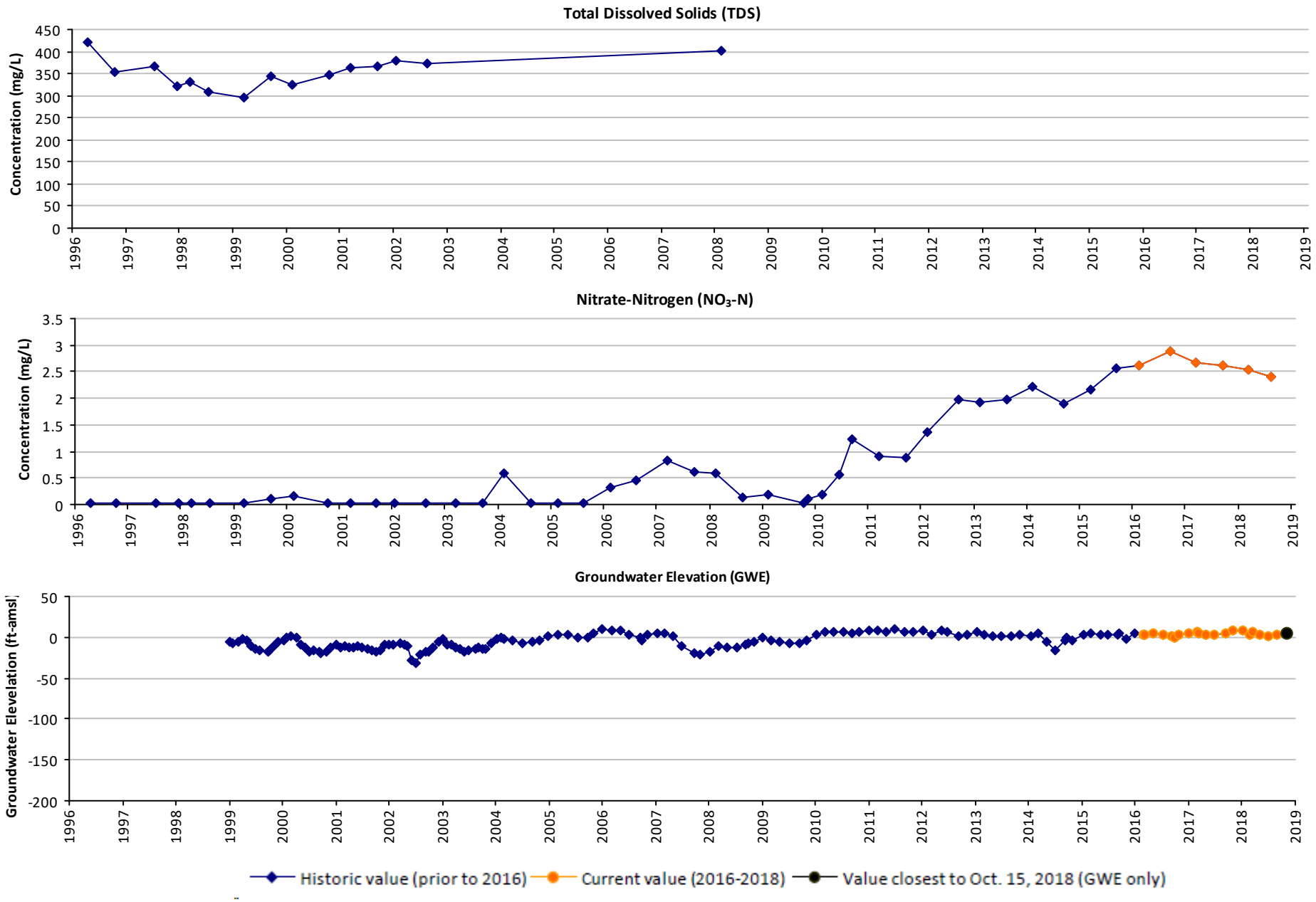
Well ID: 1214503
Management Zone: Orange County

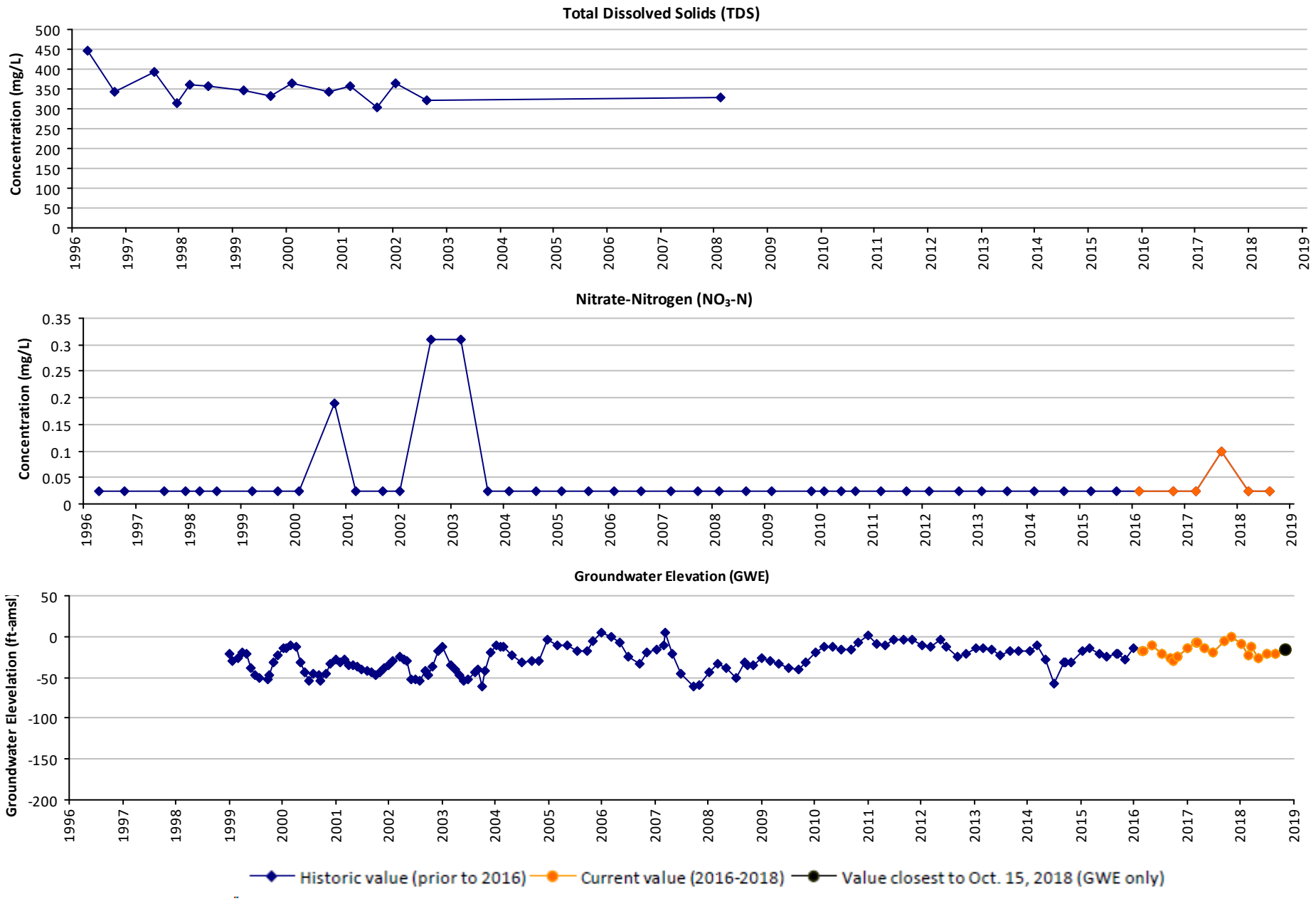


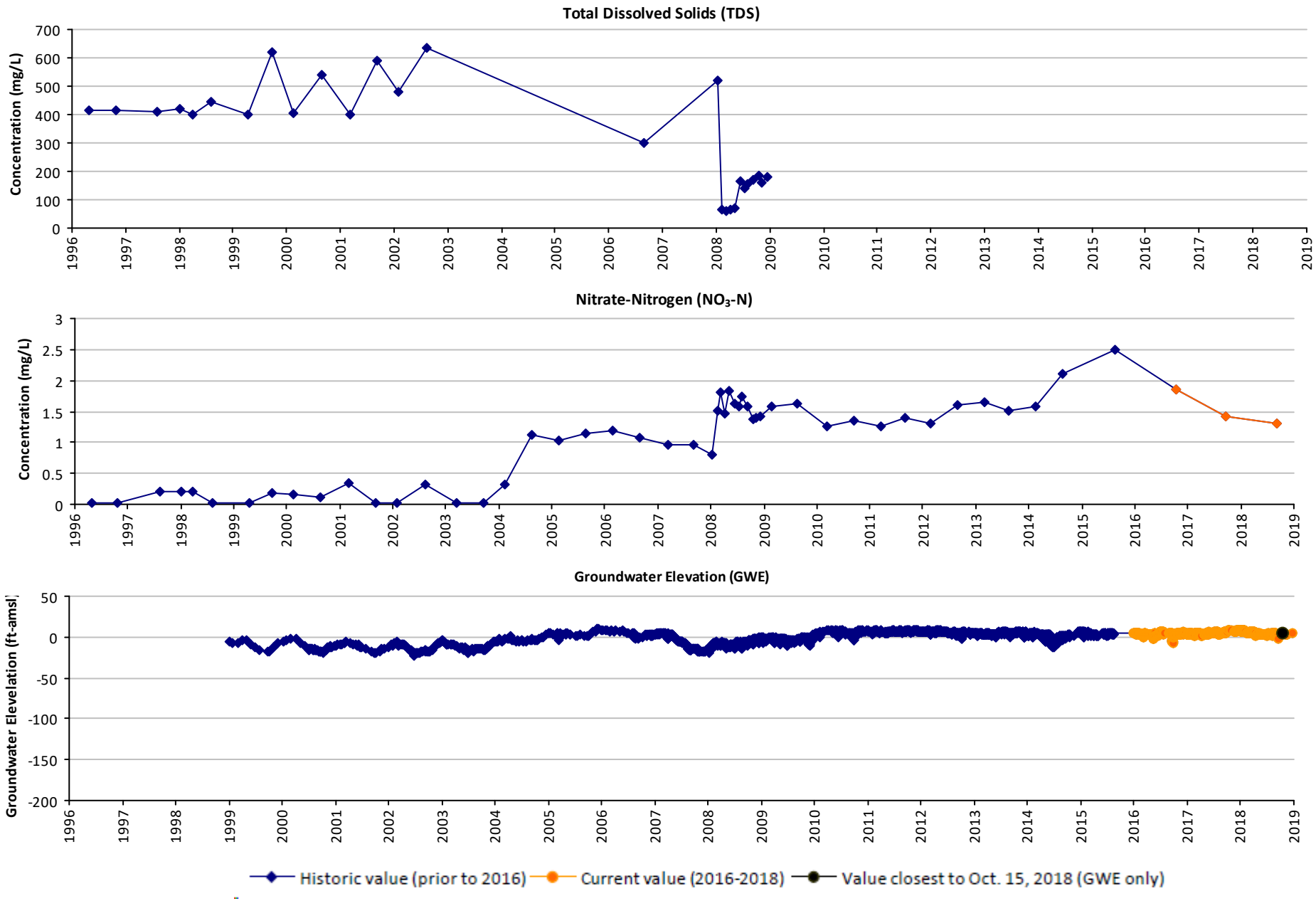


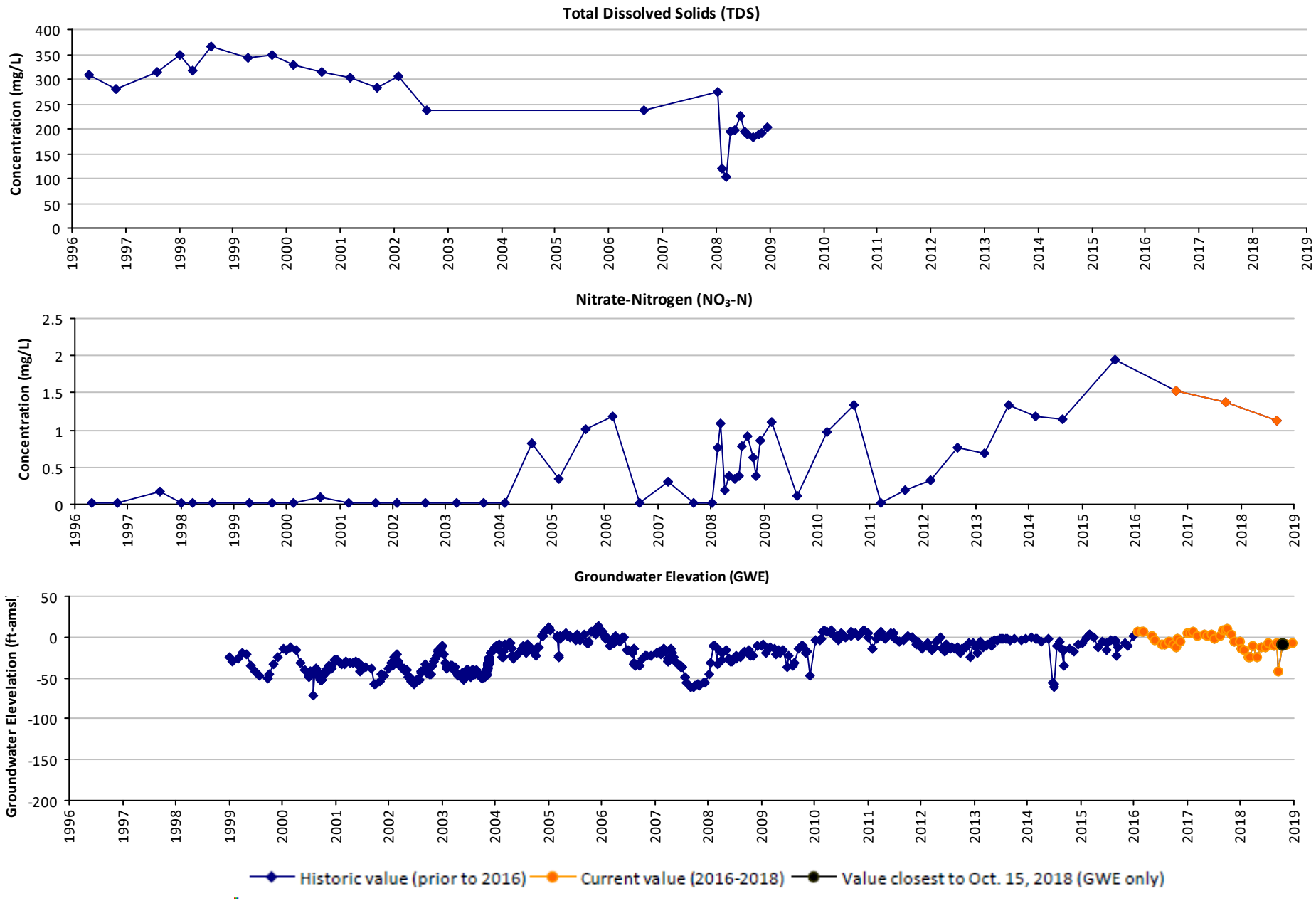


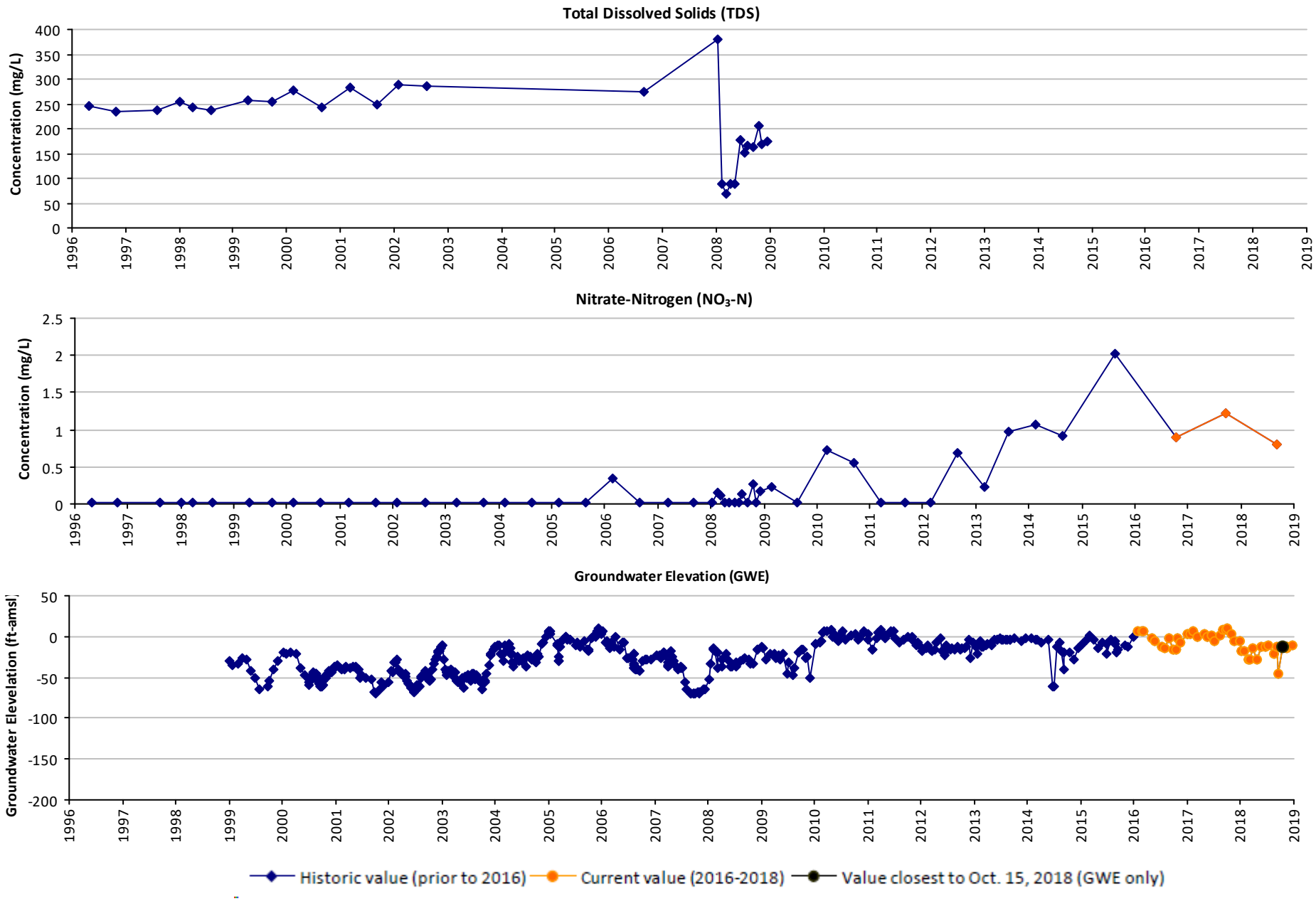

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

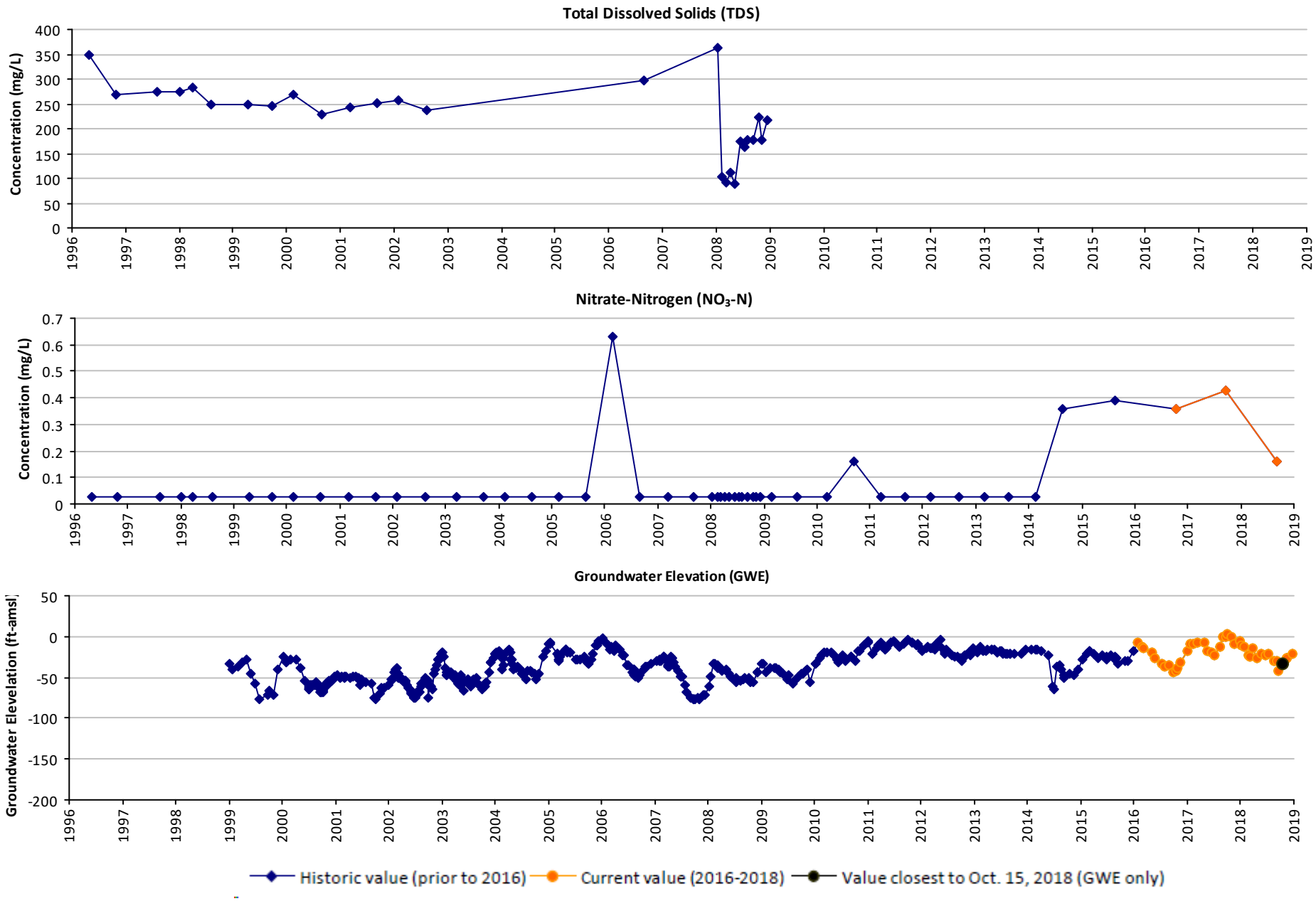

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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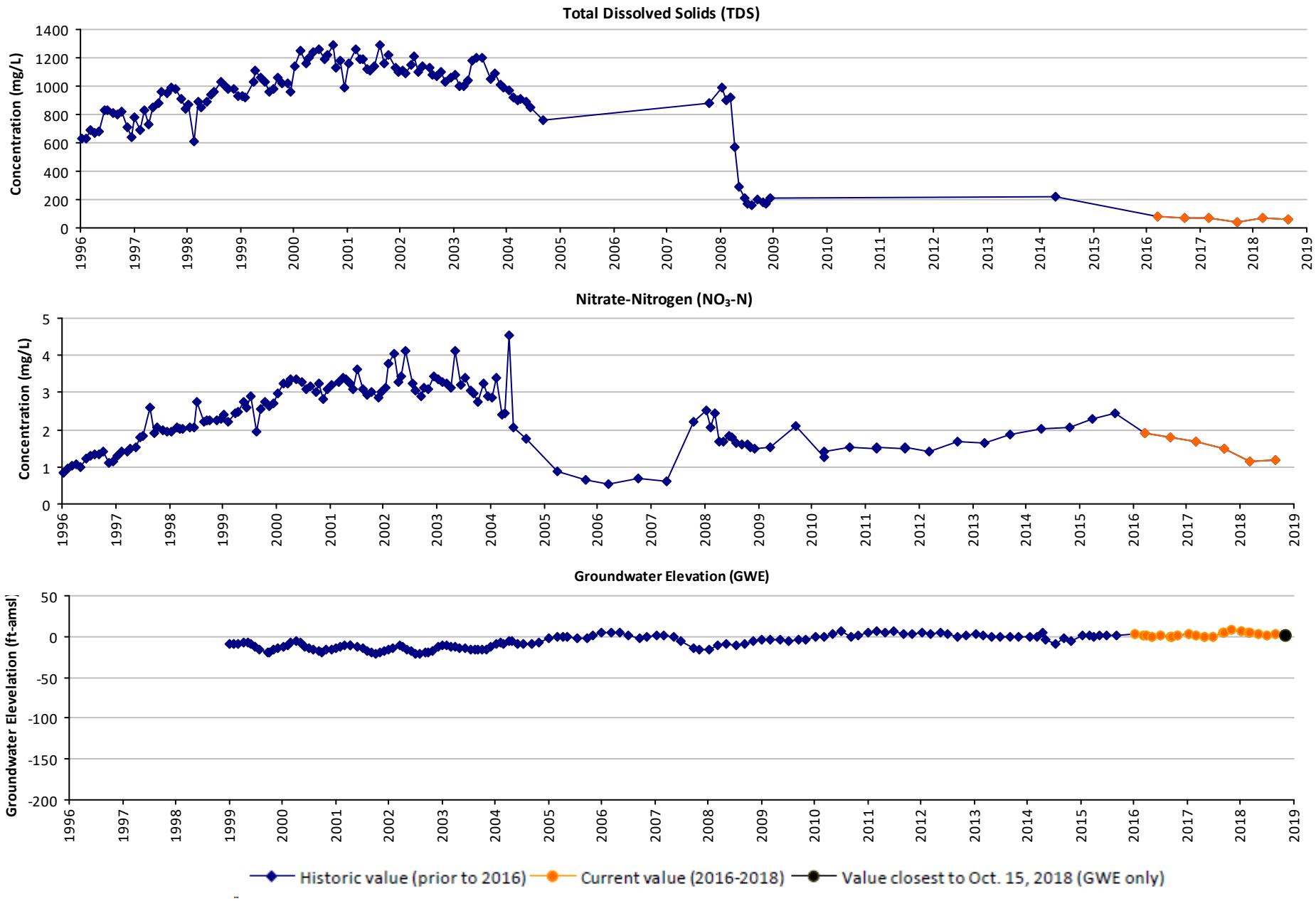
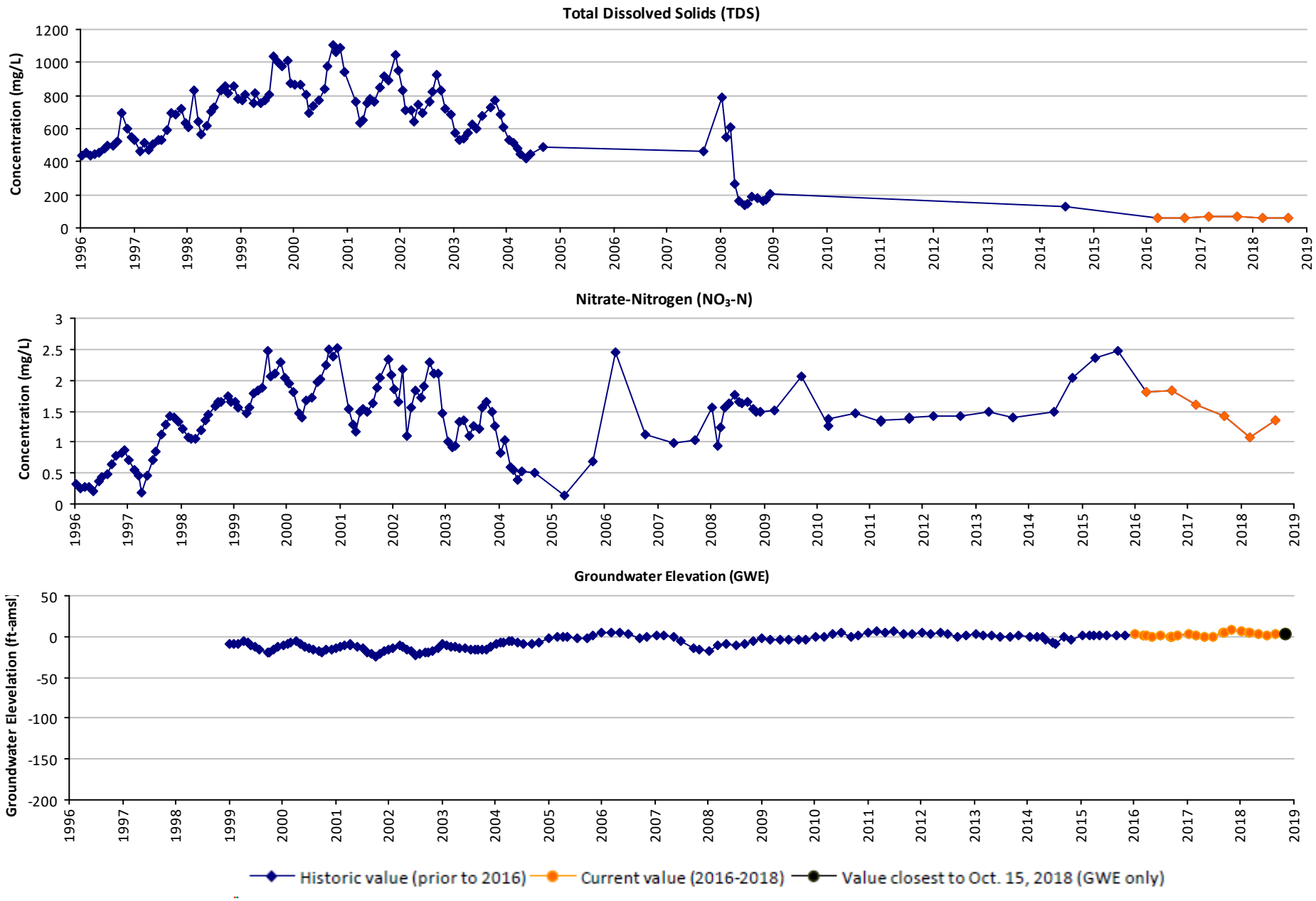
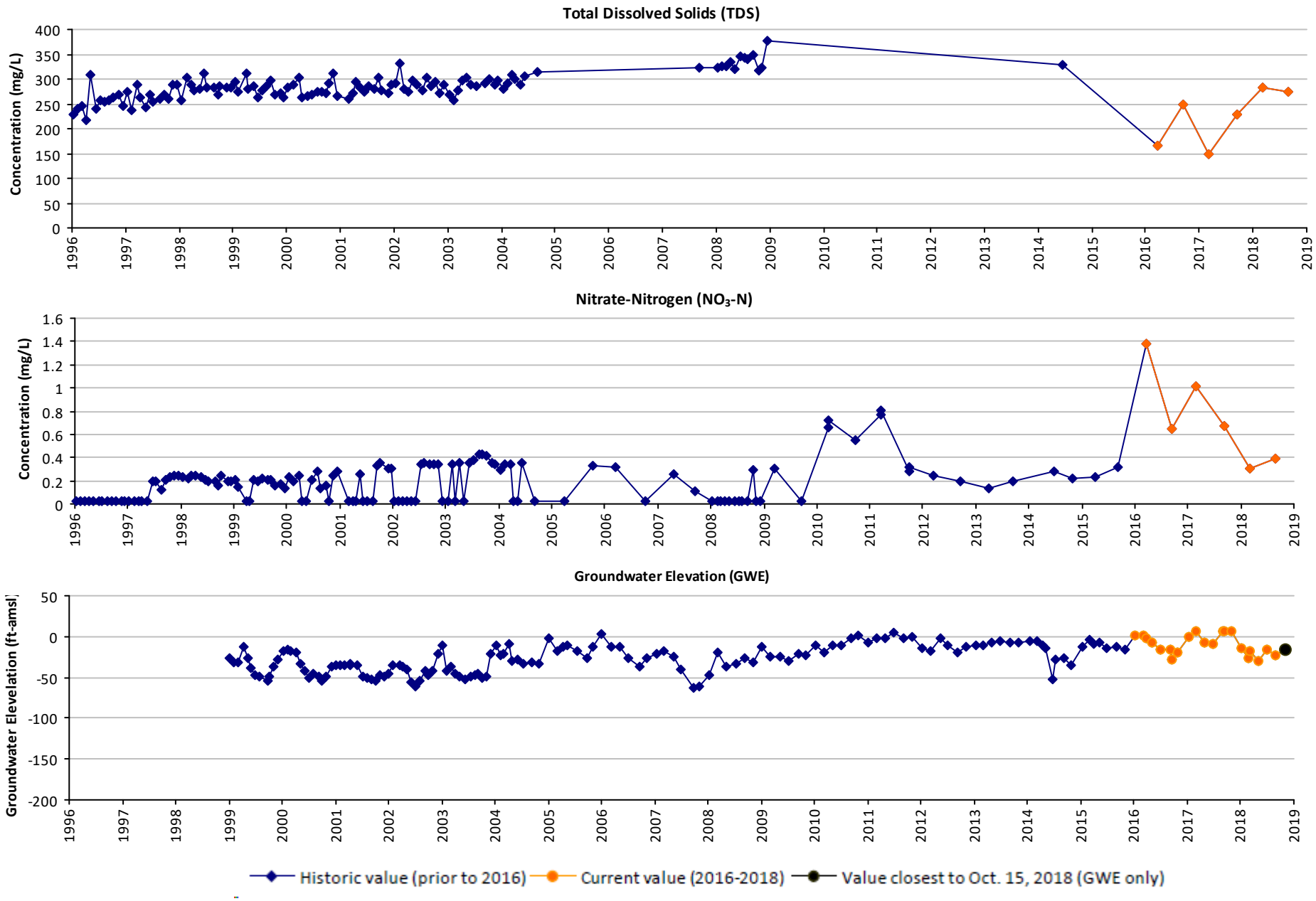
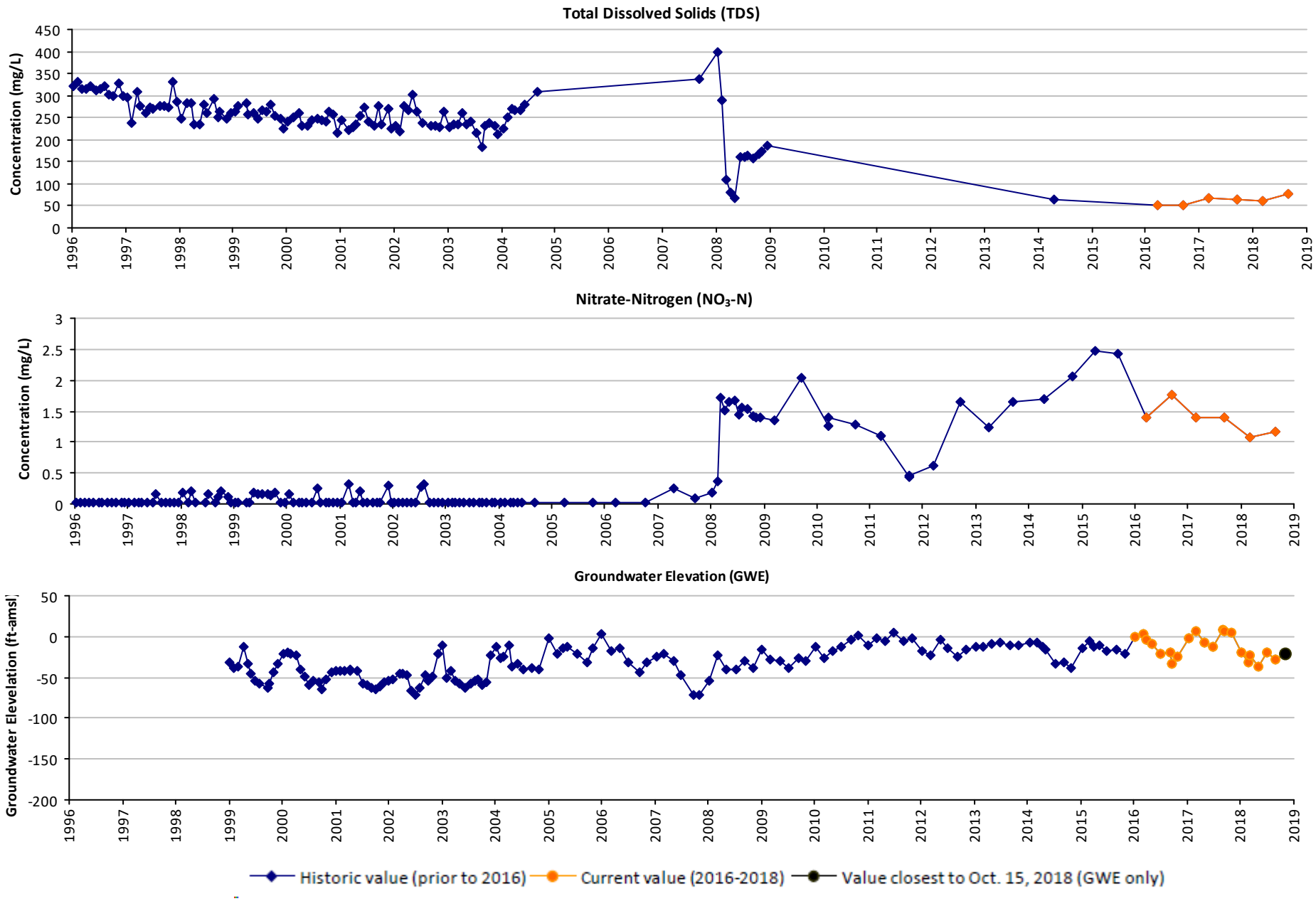
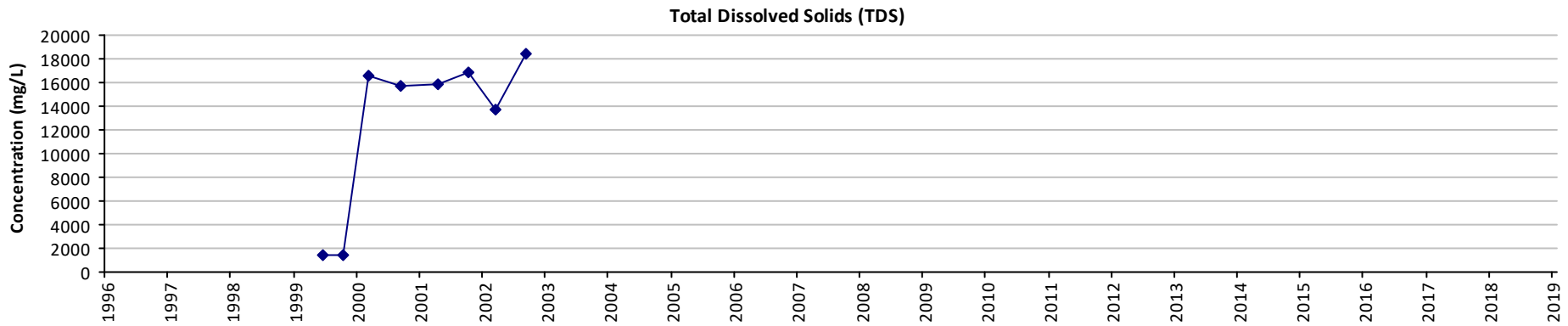
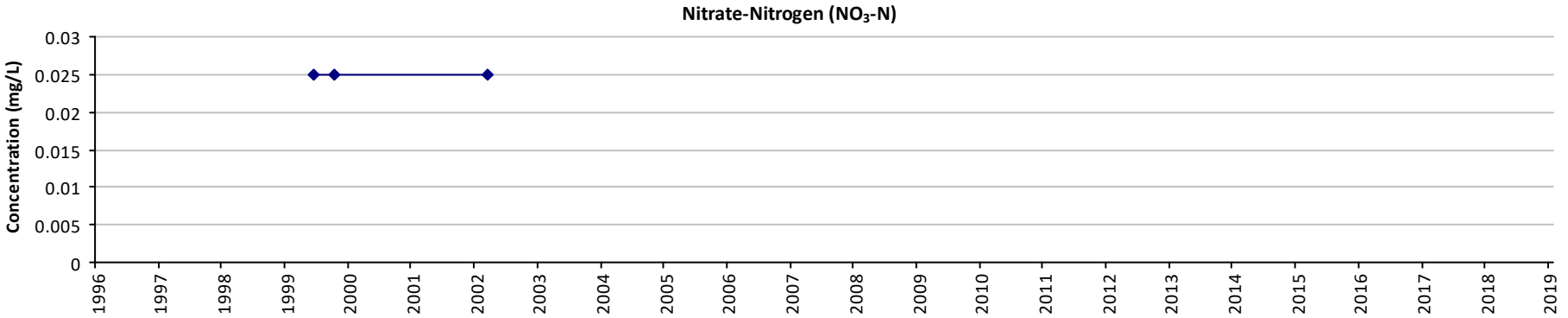

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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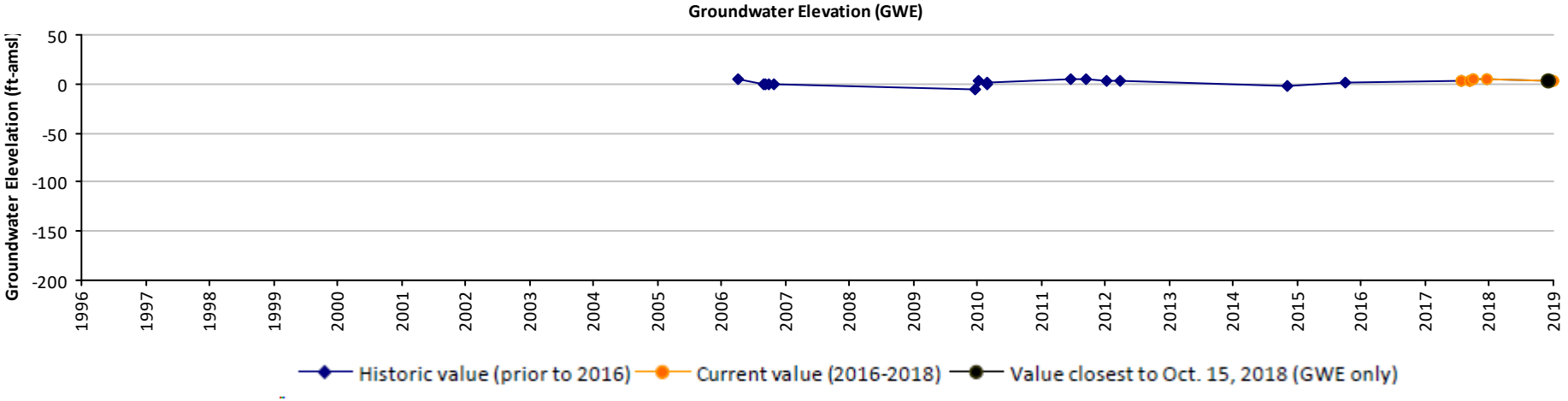
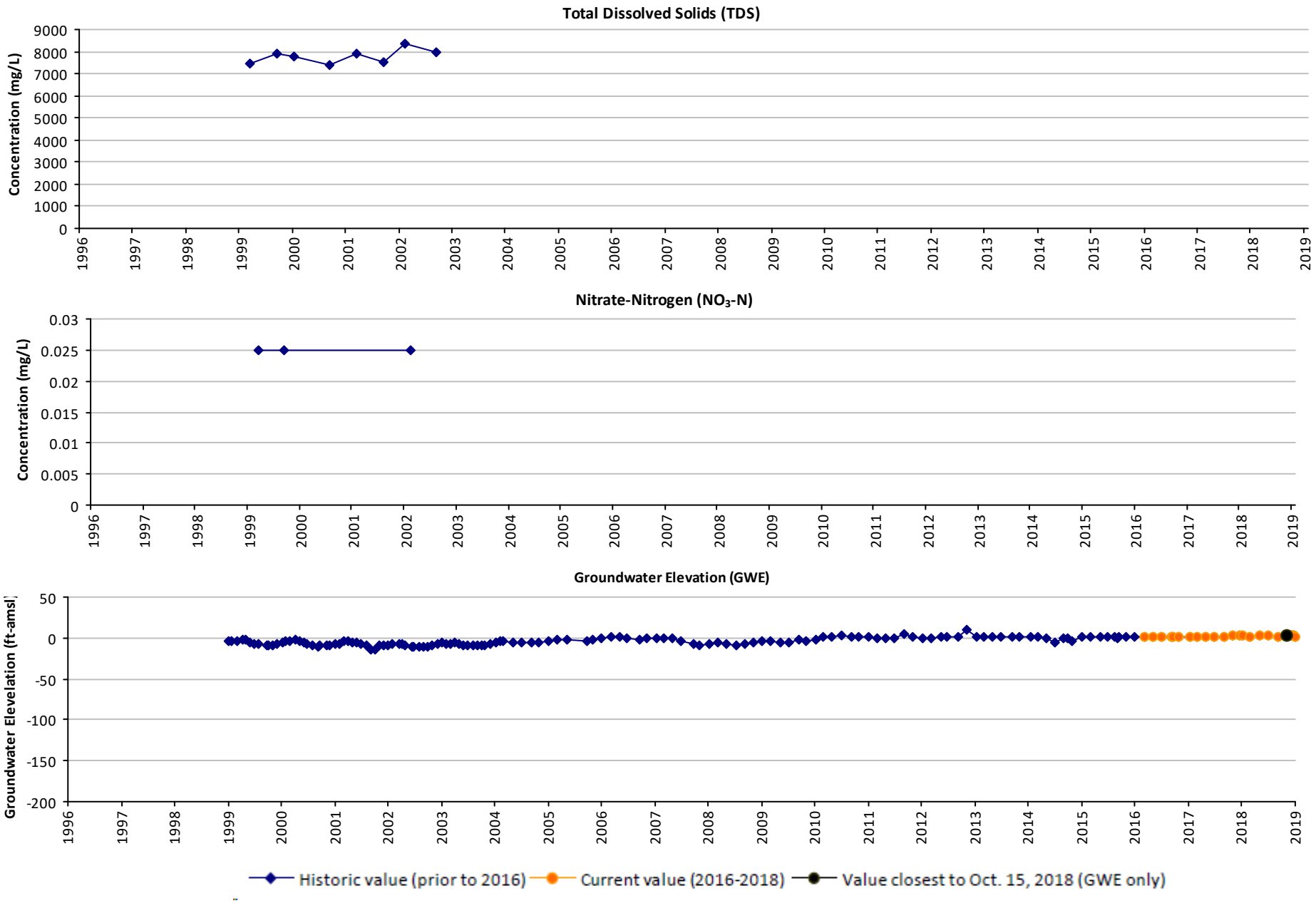
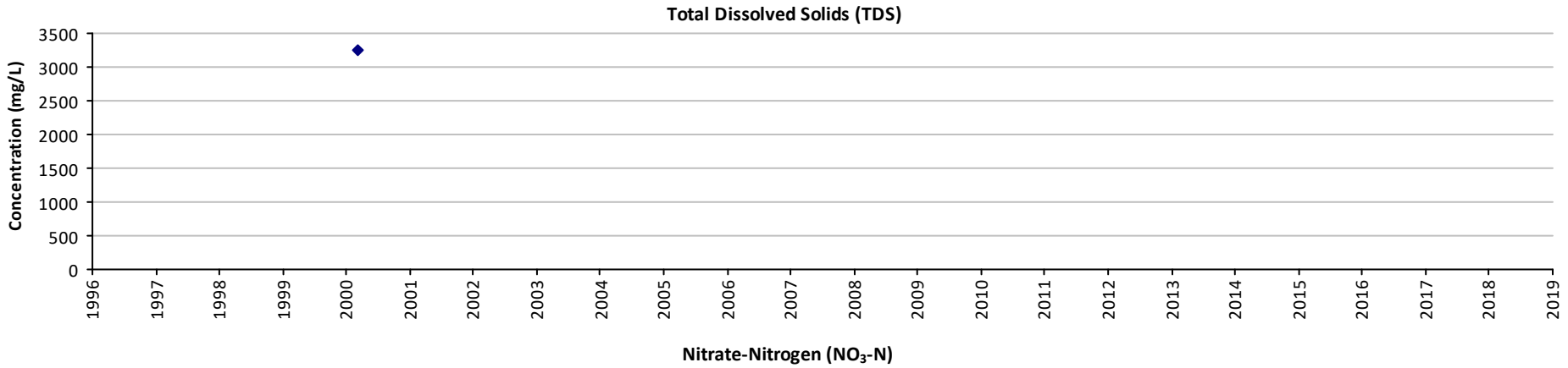
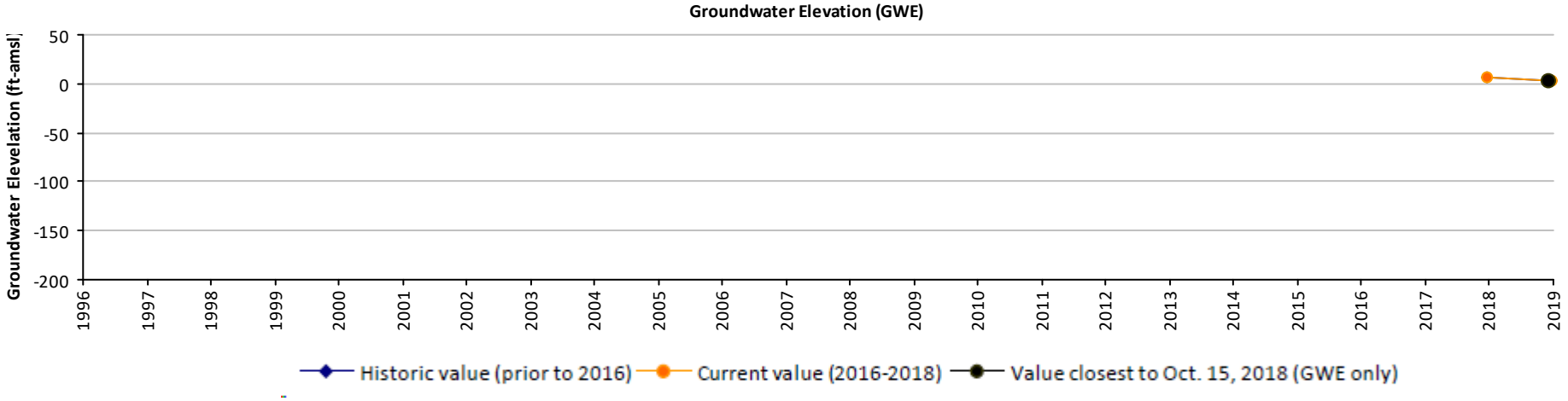
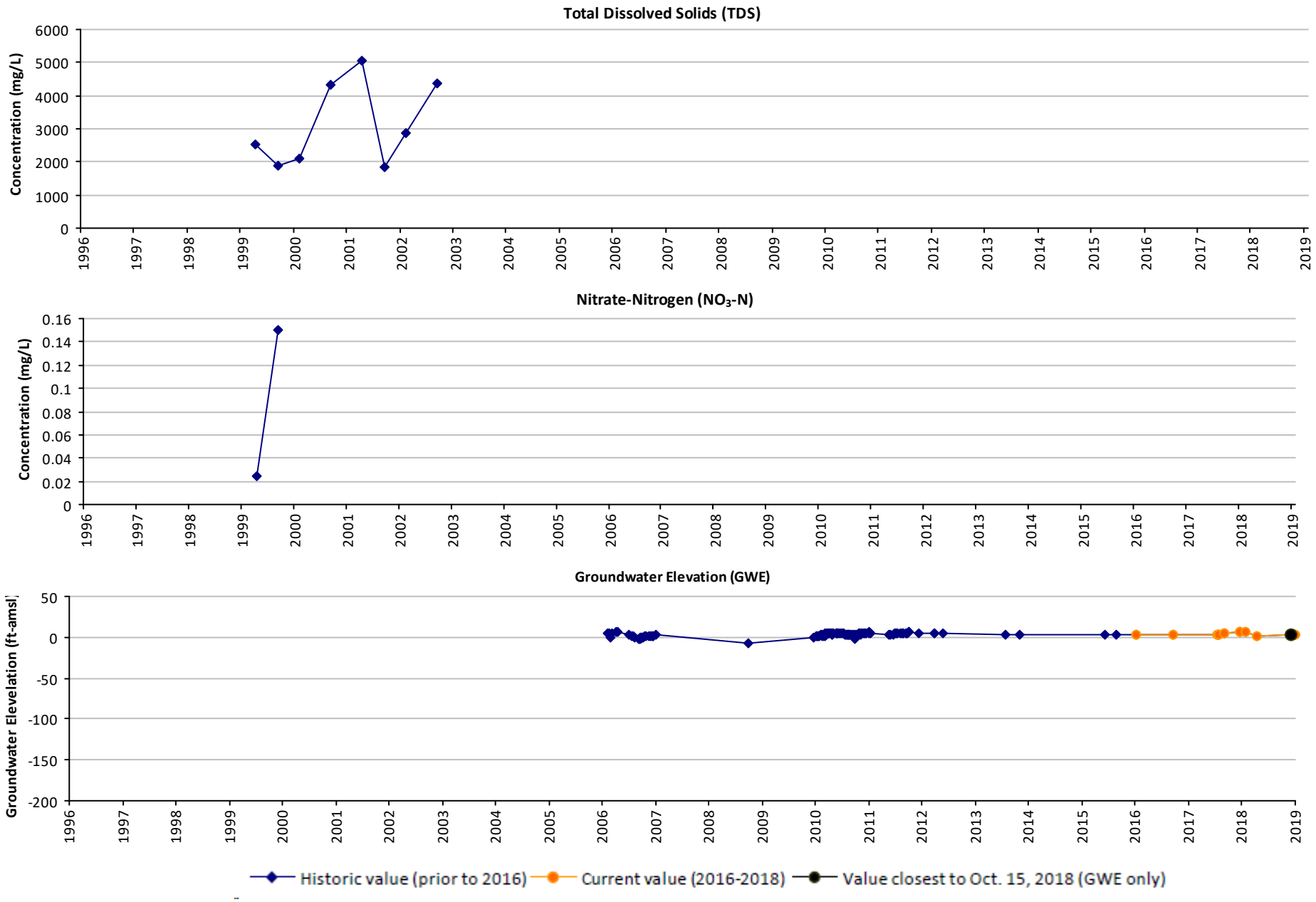
2014
2015
2016
2017
2018
2019

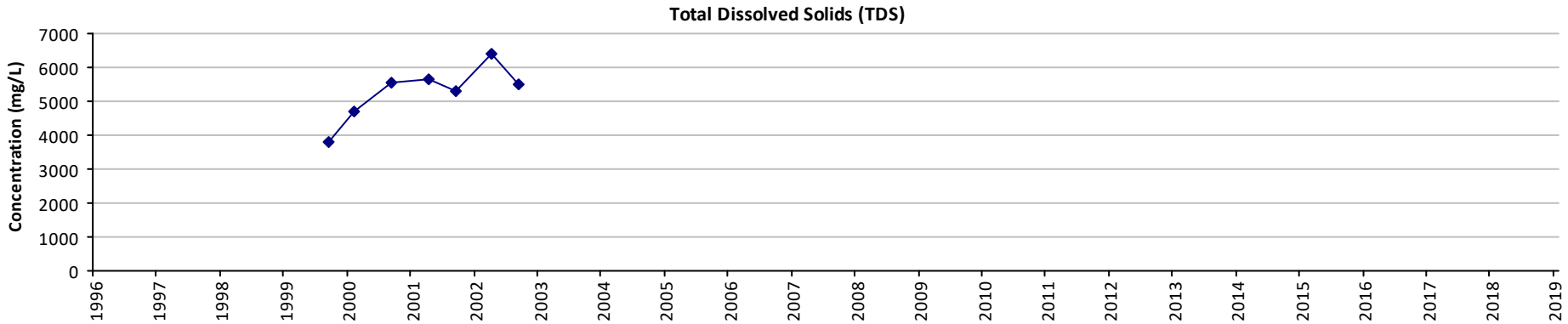

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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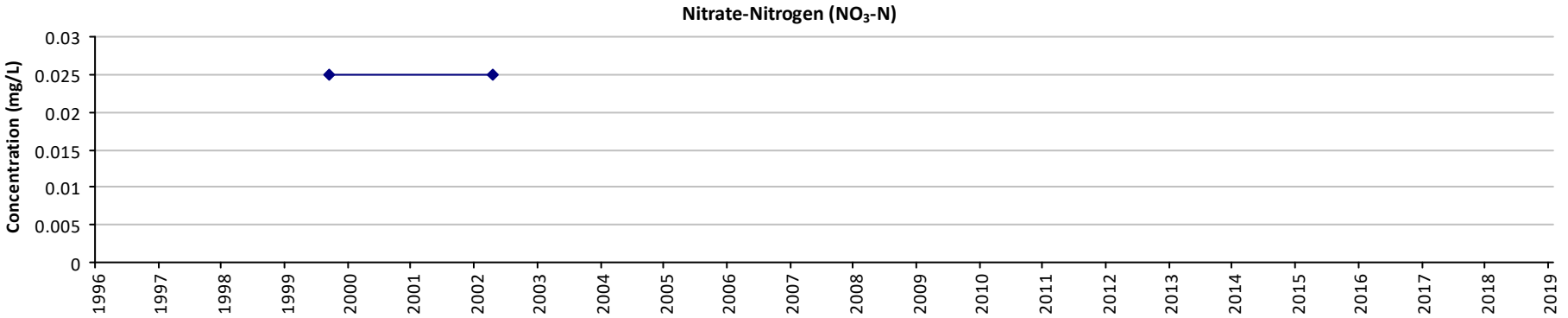
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
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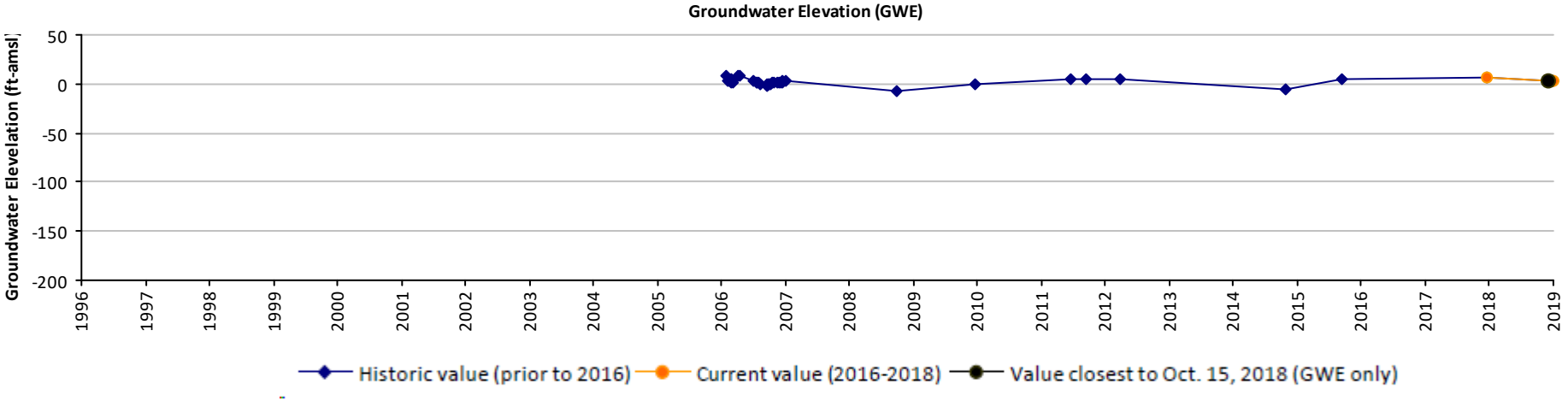
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
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2000
2001
2002
2003
2004
2005
2006
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2008
2009
2010
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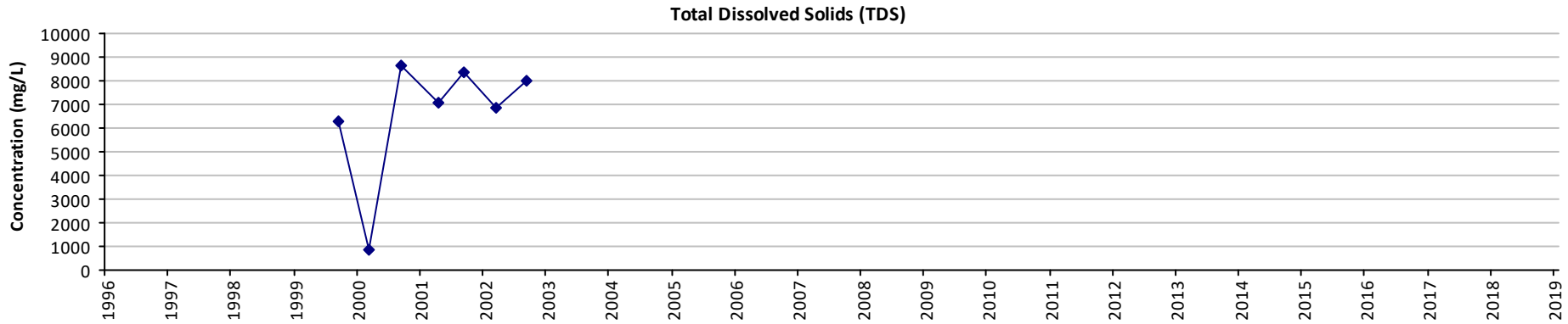
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
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2001
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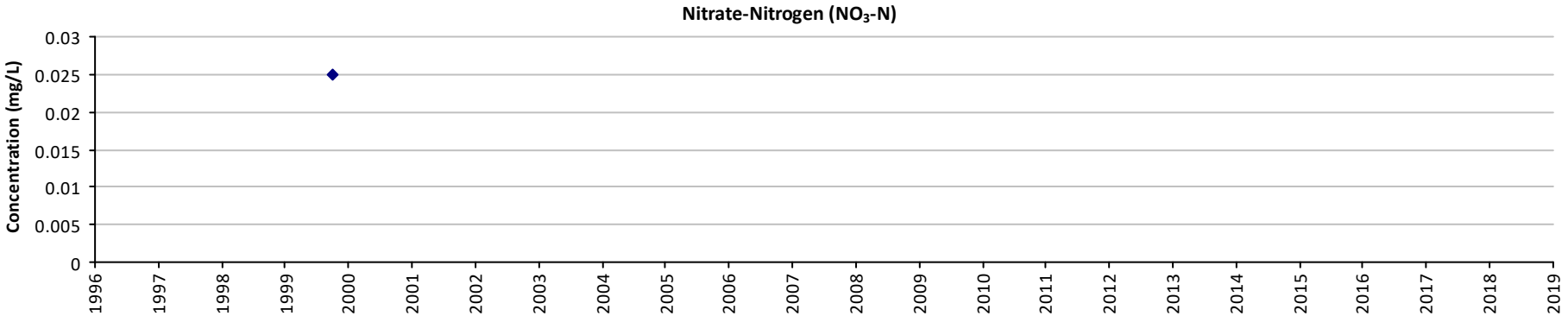
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
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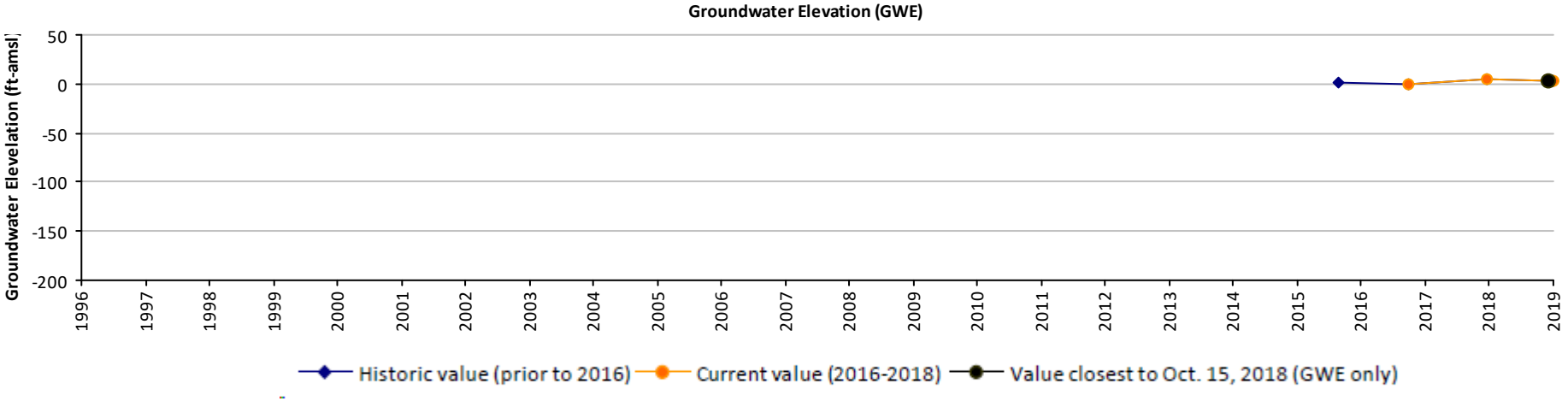
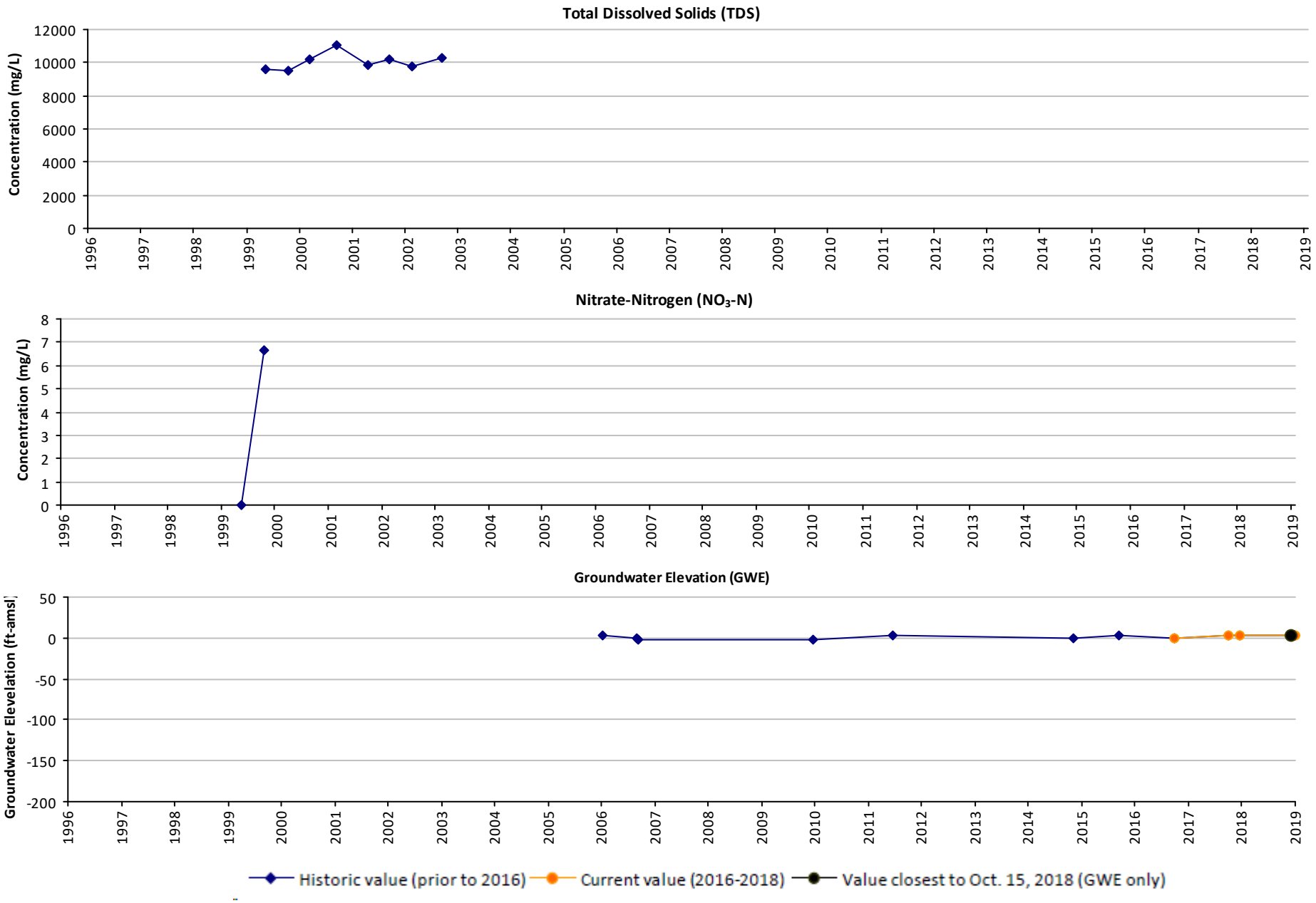
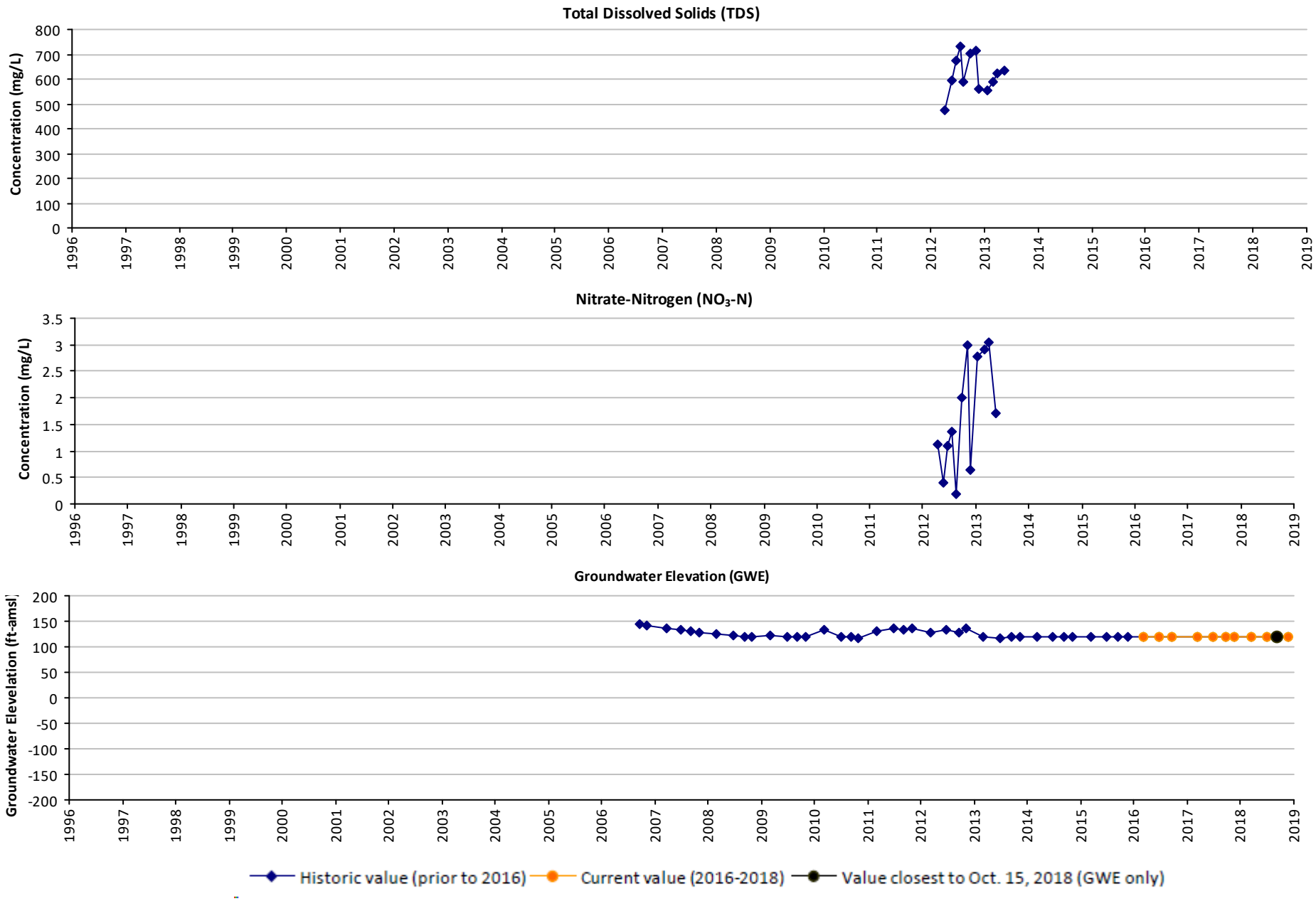
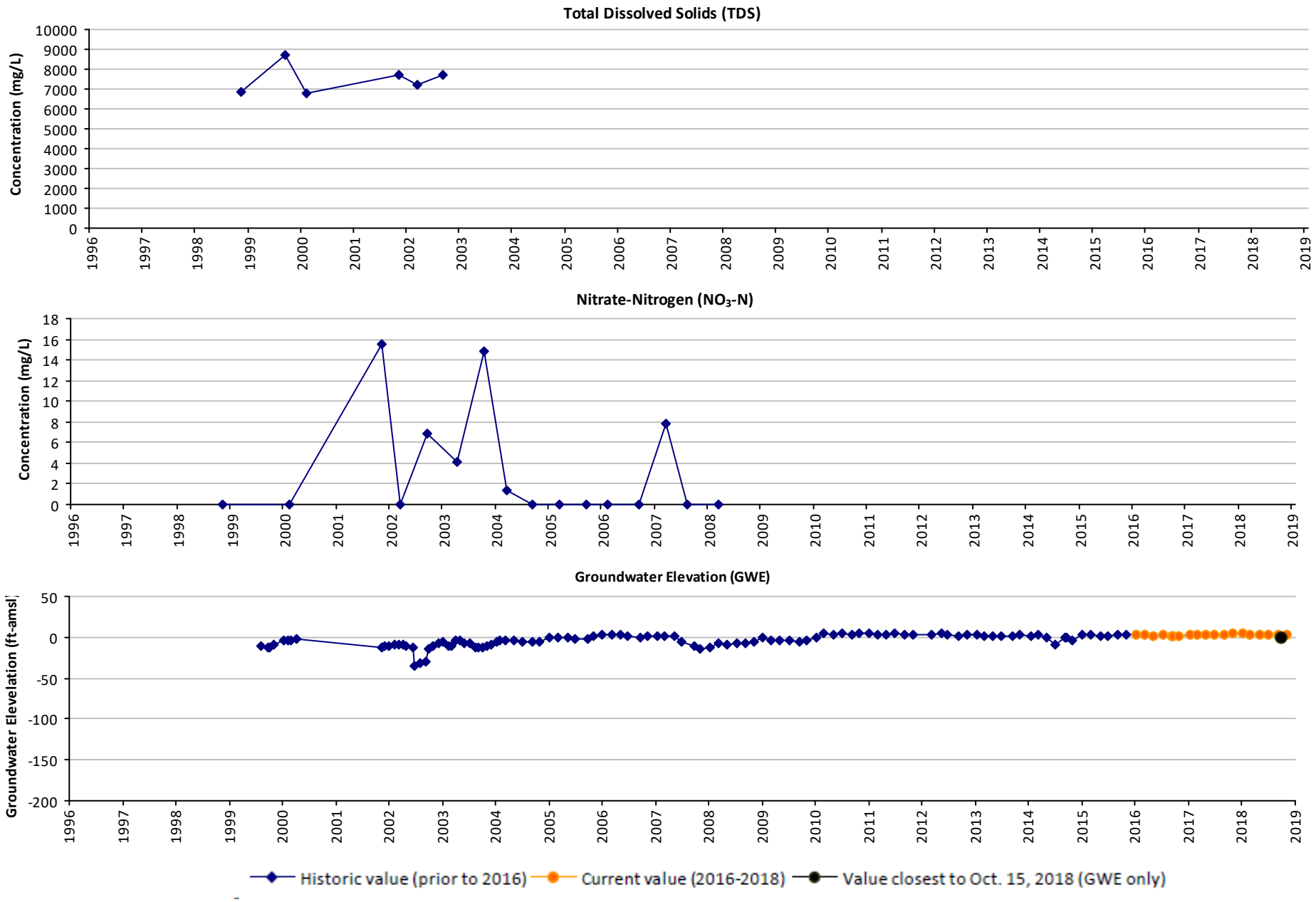
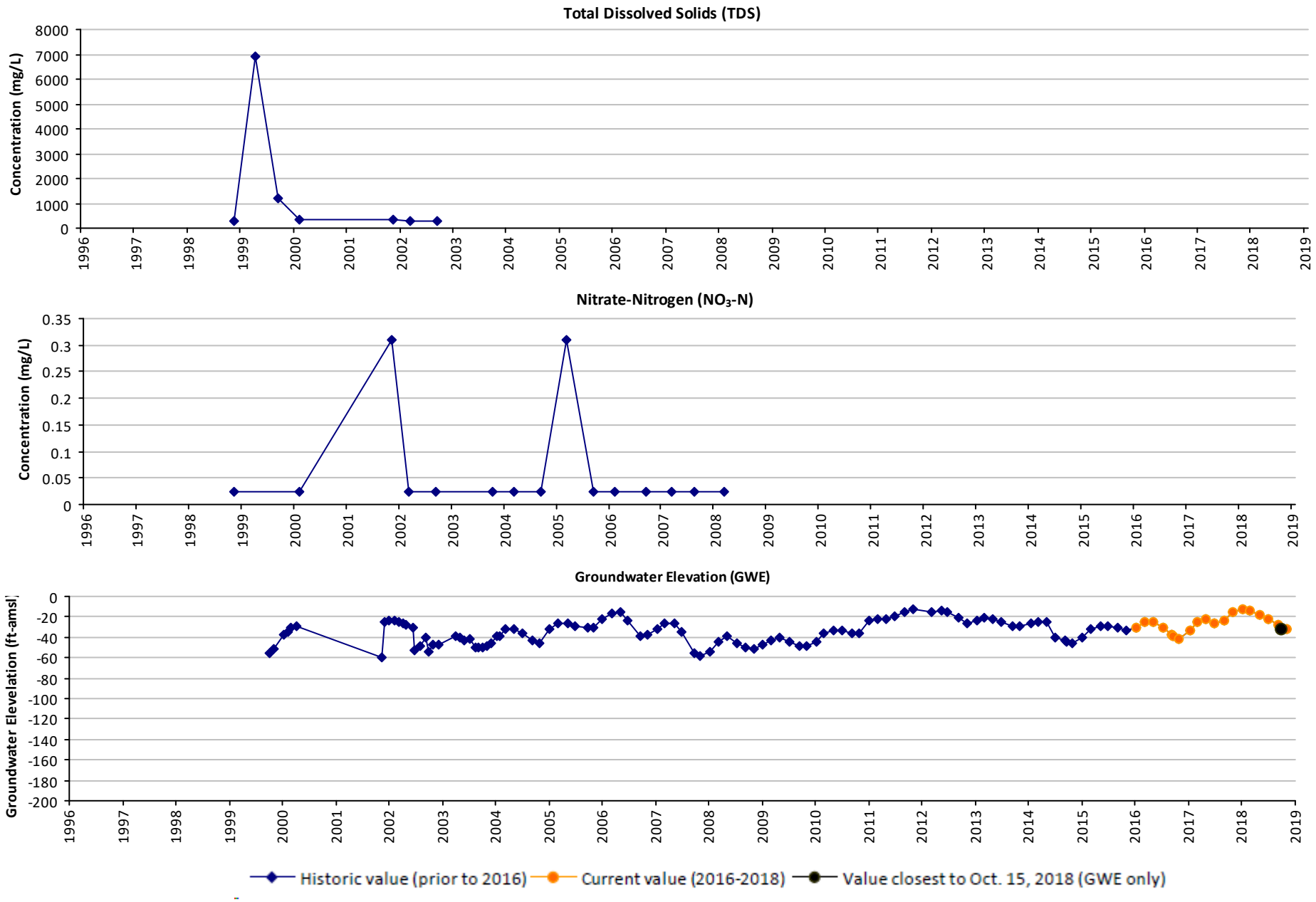
2018
2019

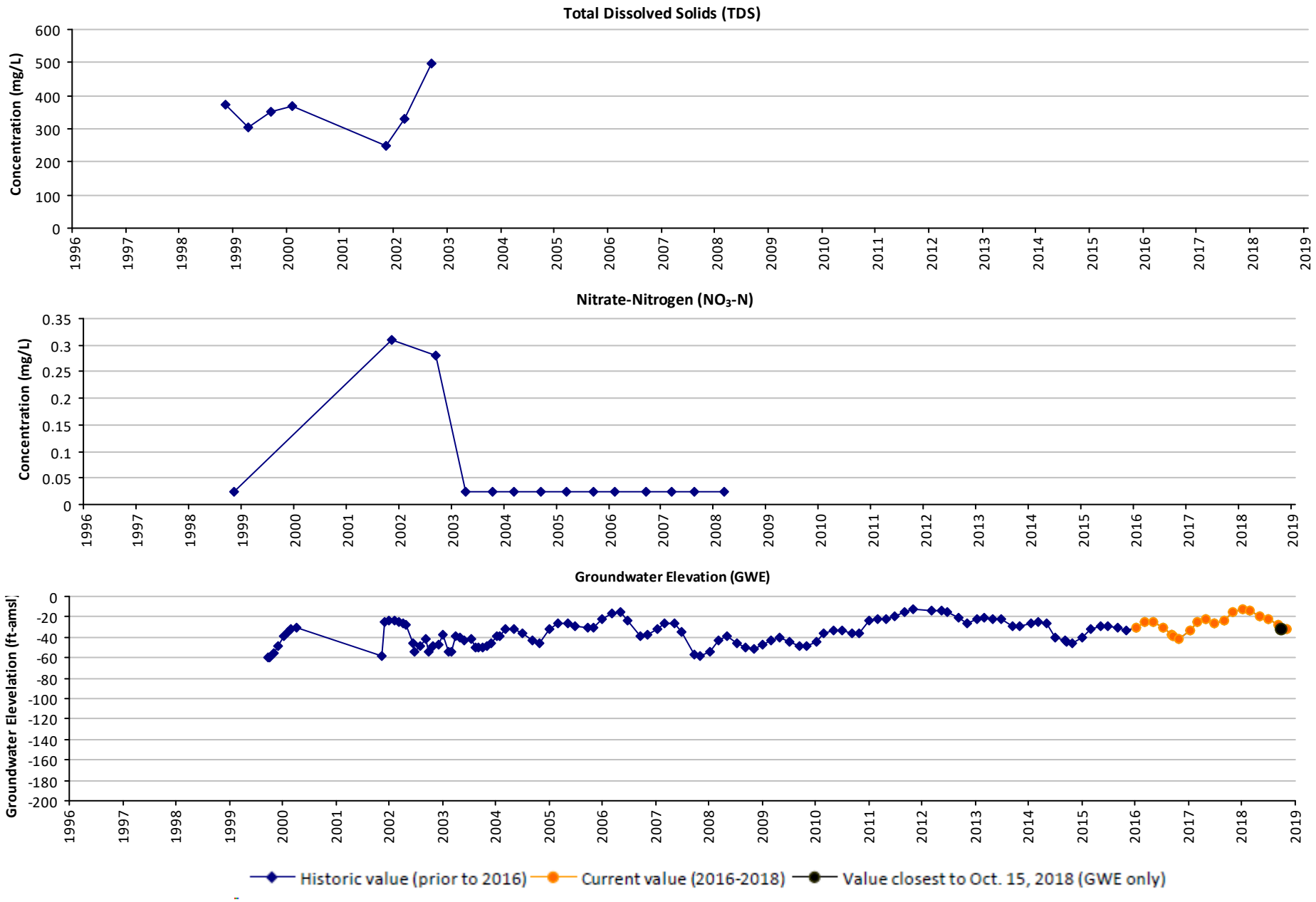

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

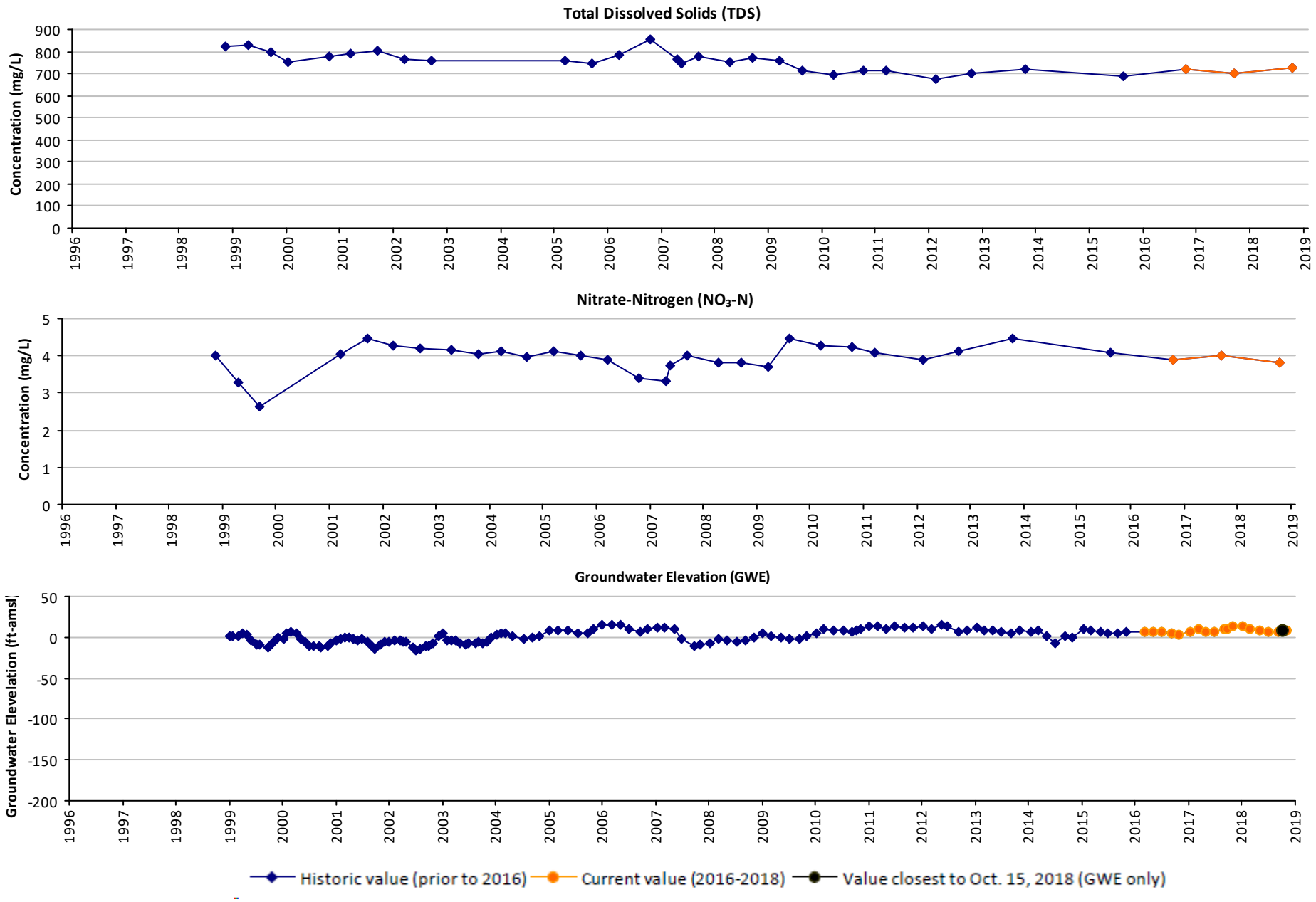

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

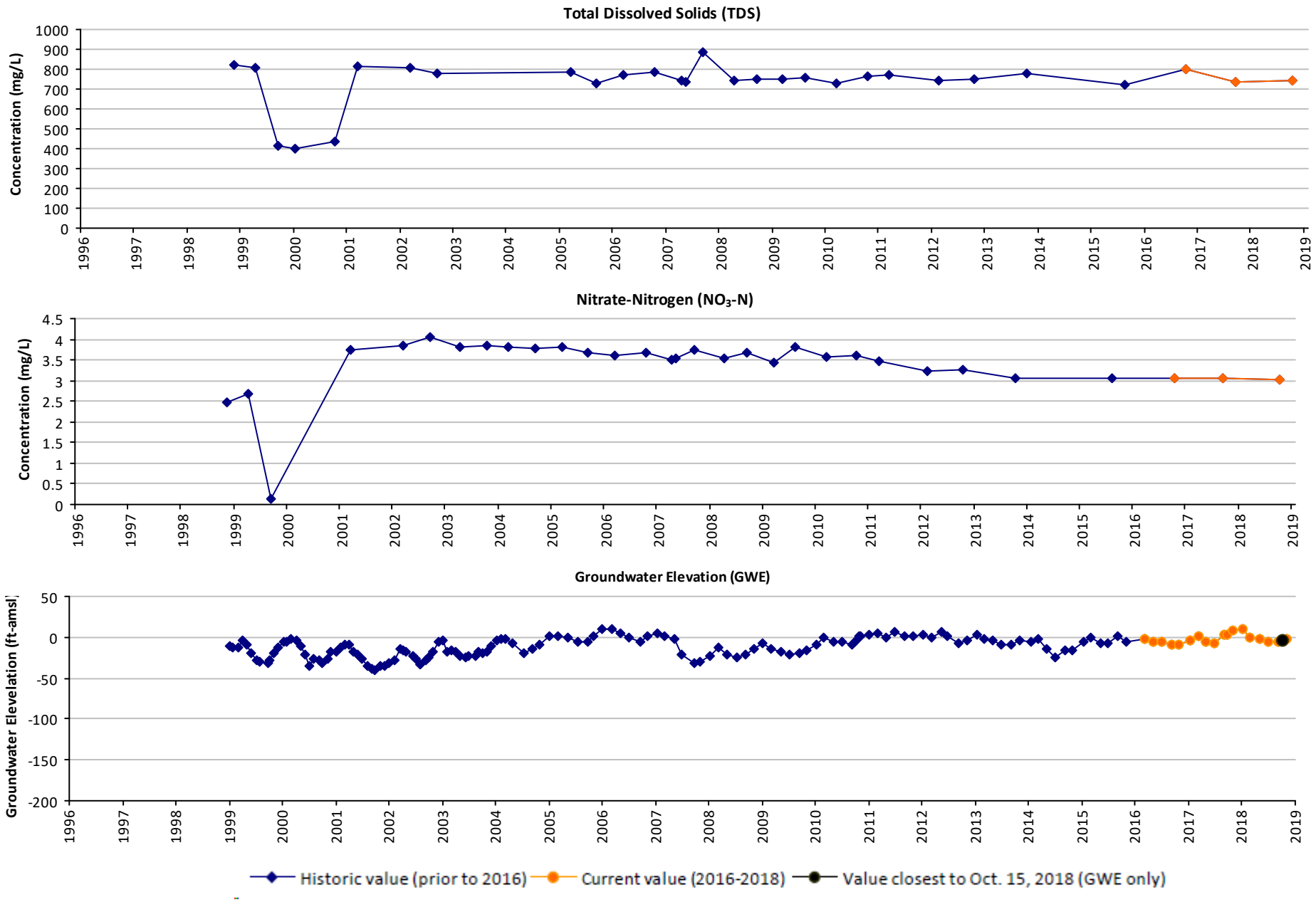

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

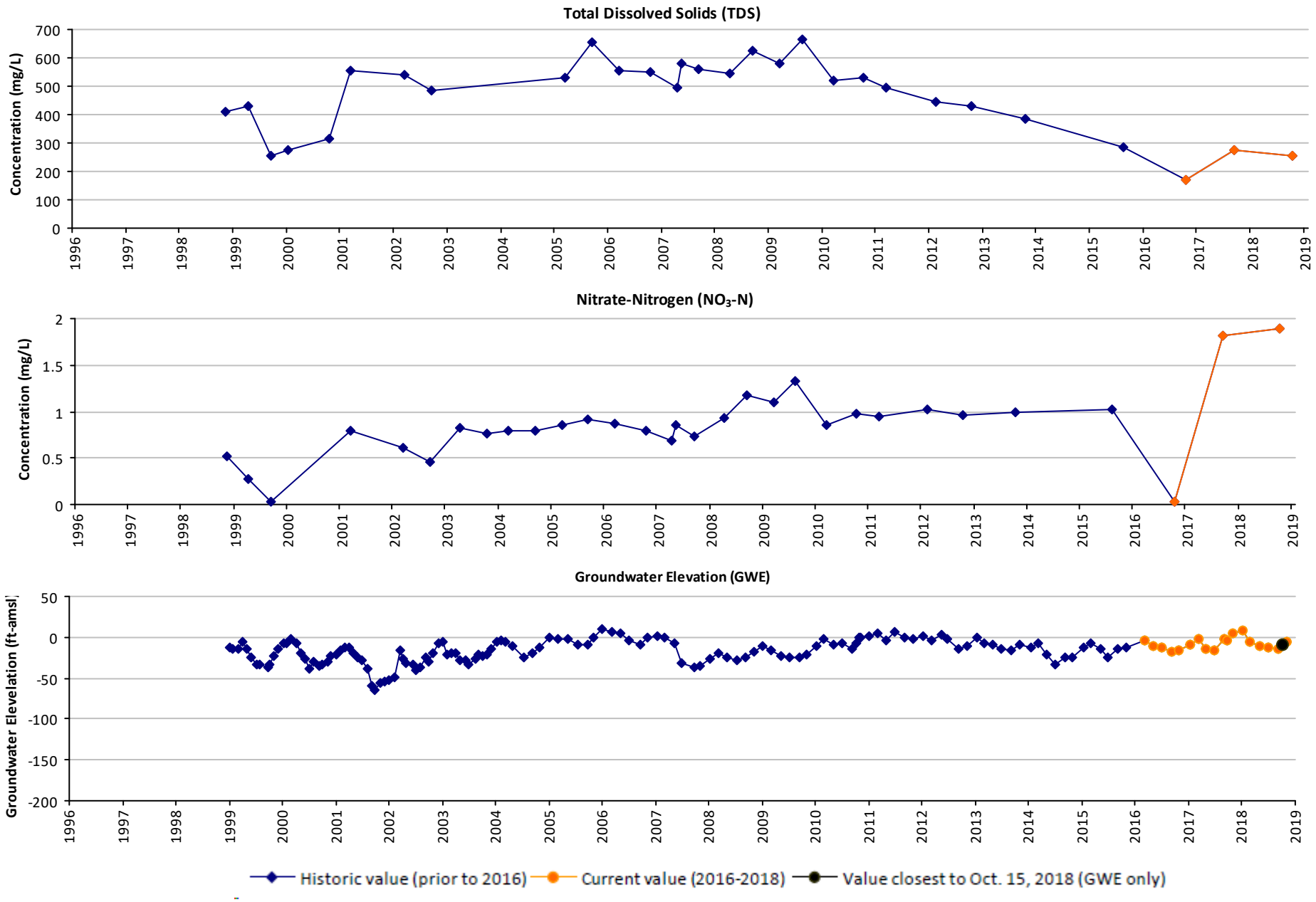

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

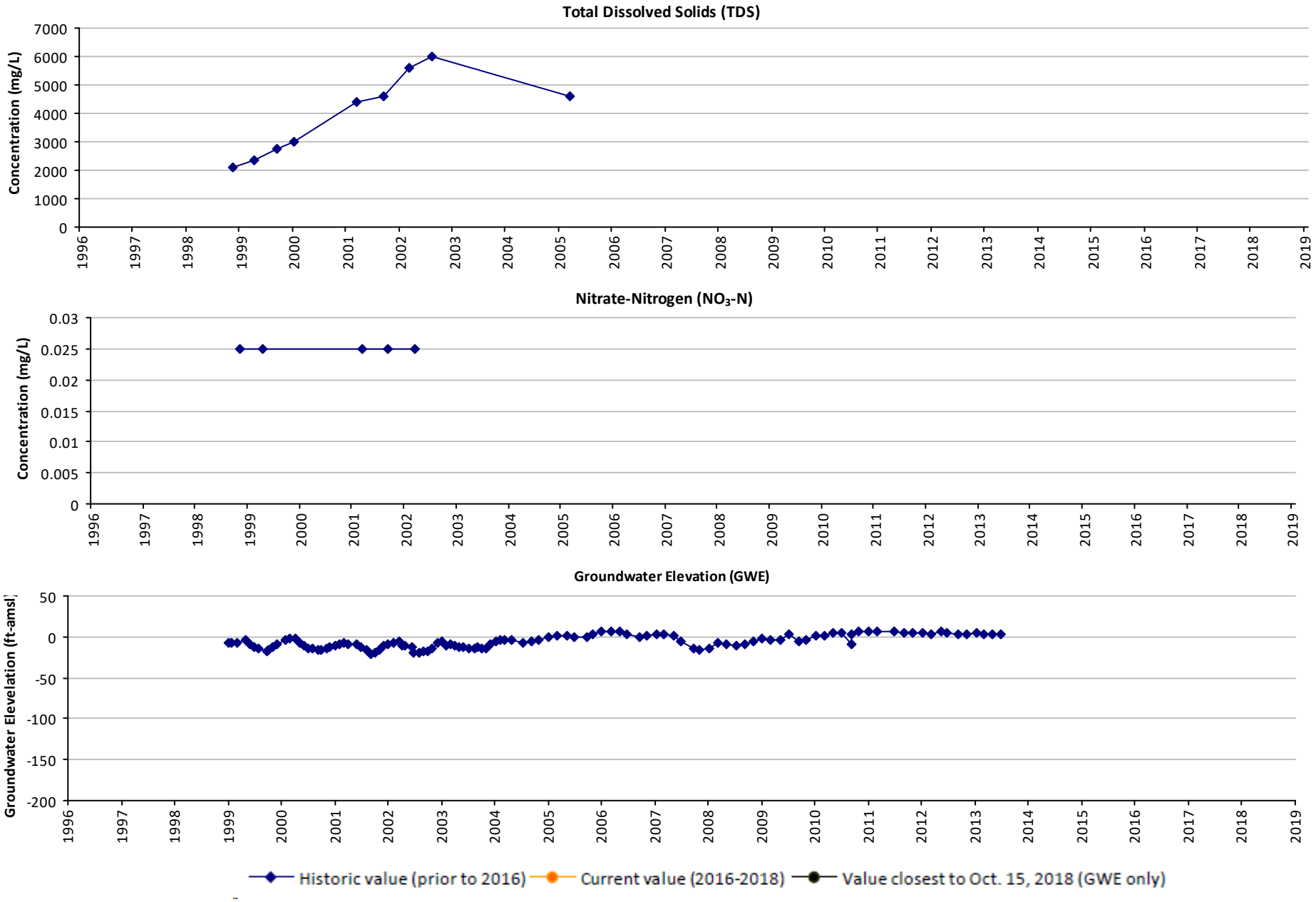

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

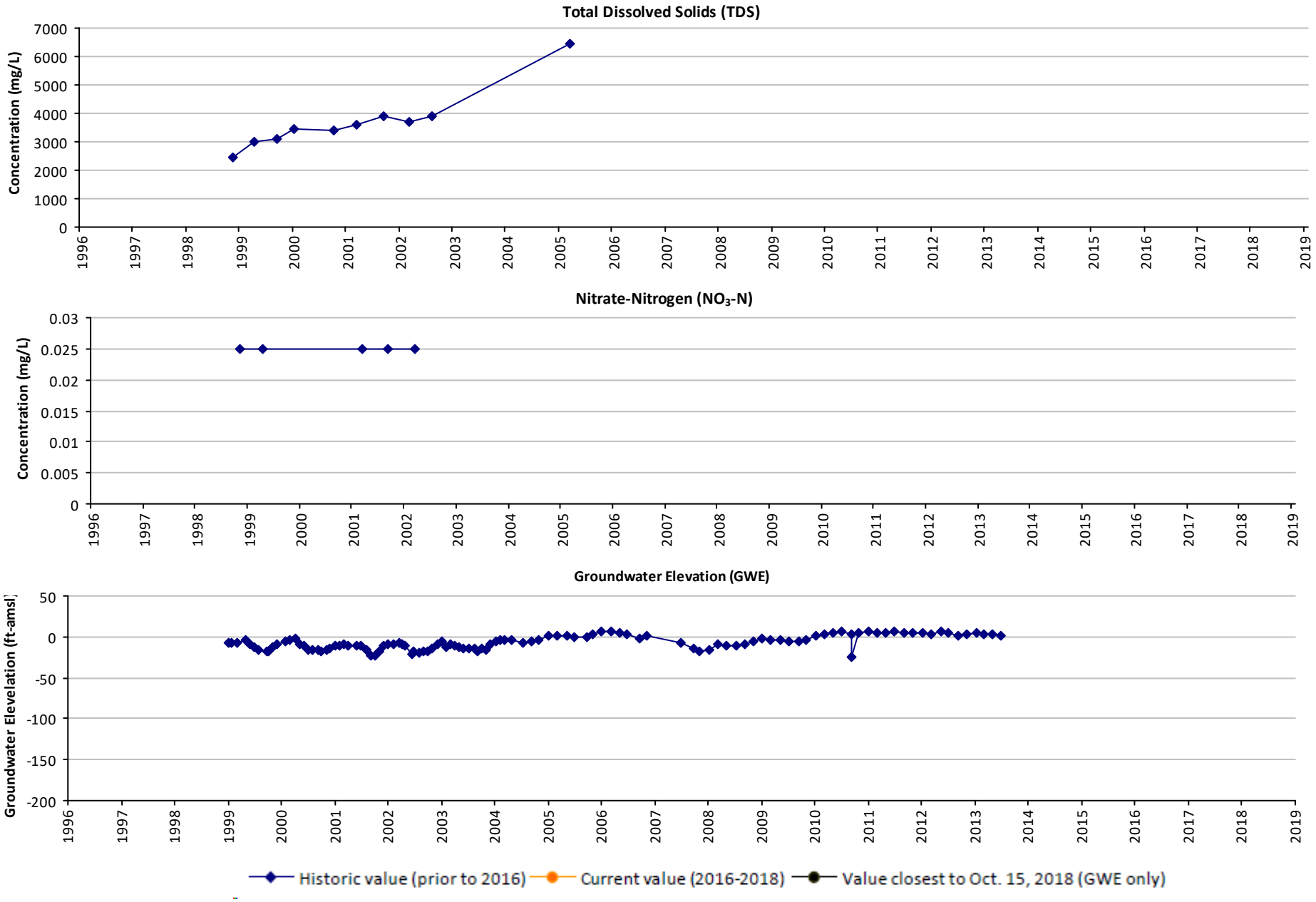

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

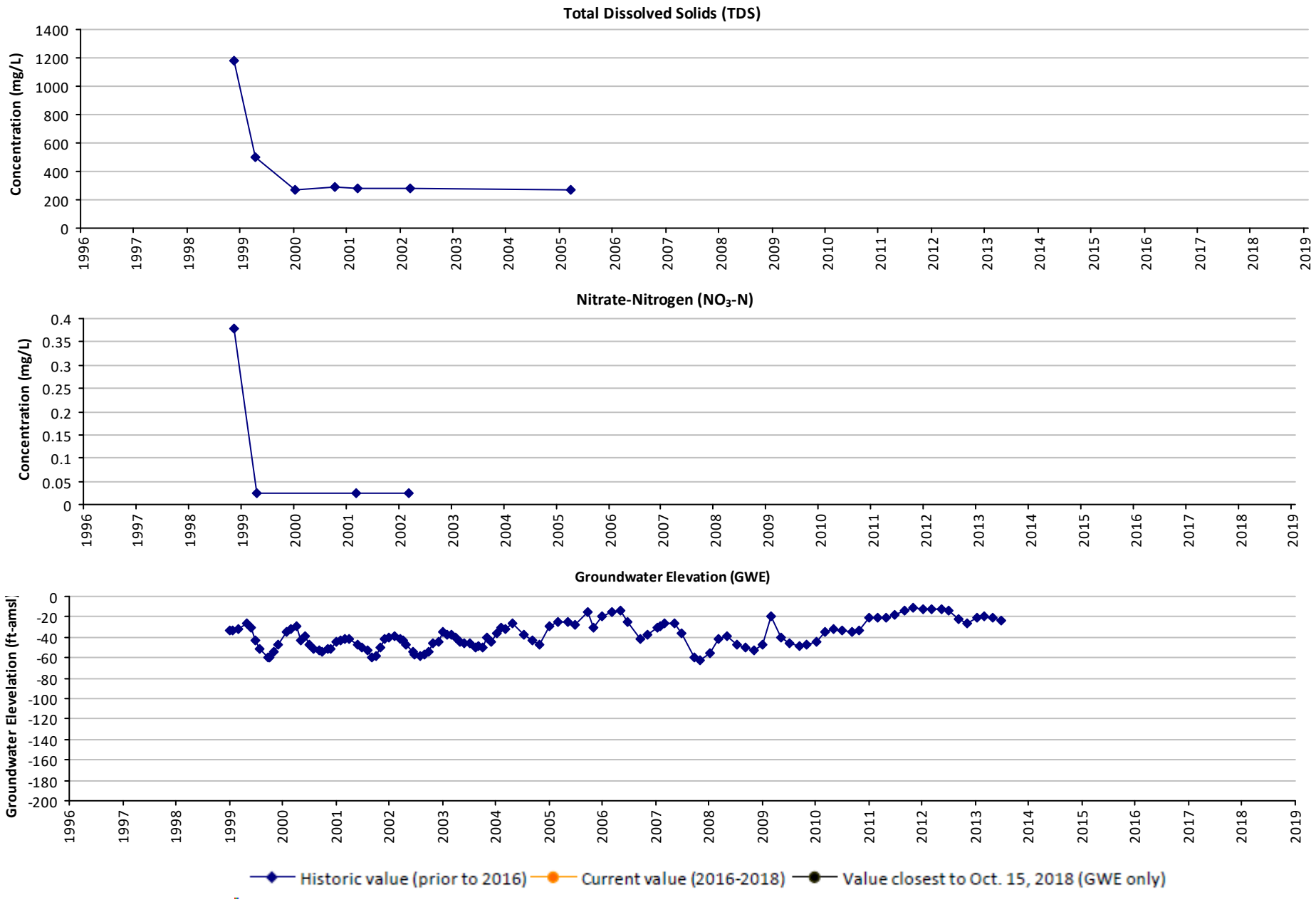

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

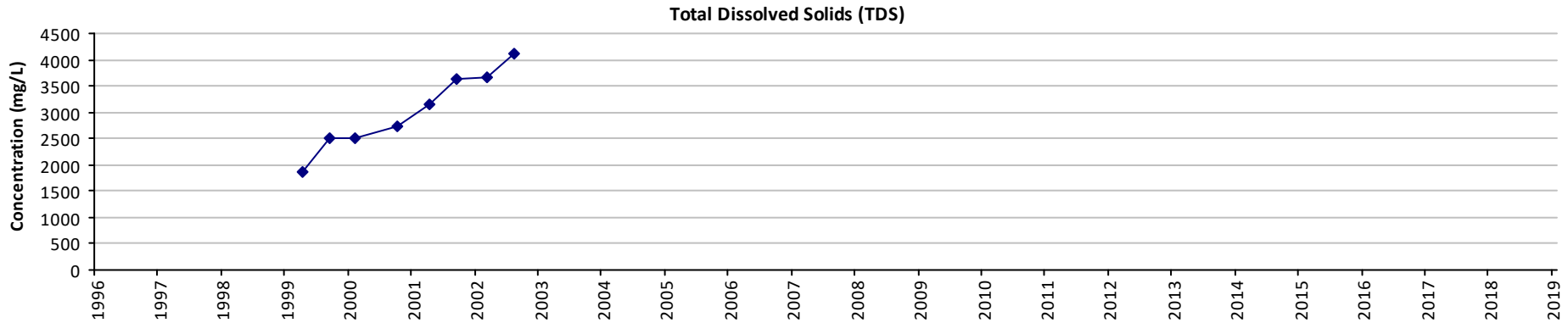

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

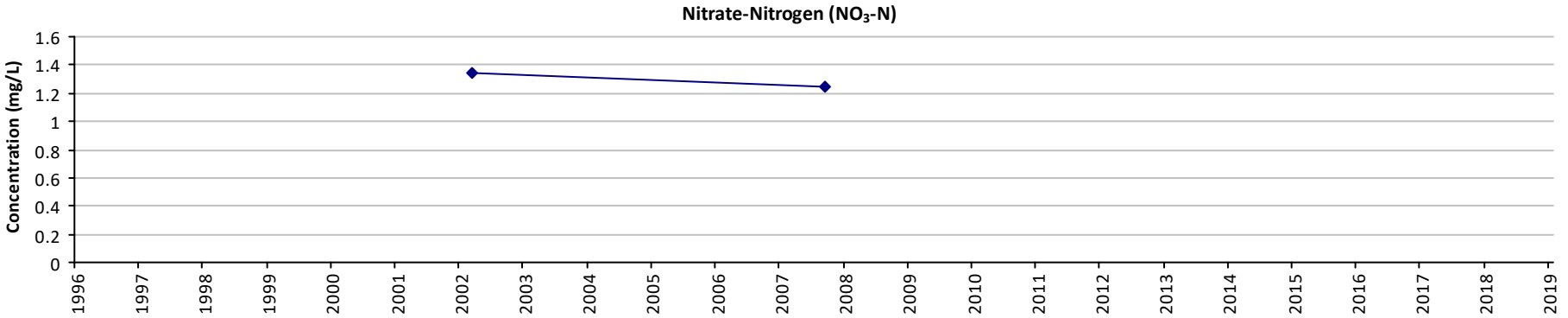

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

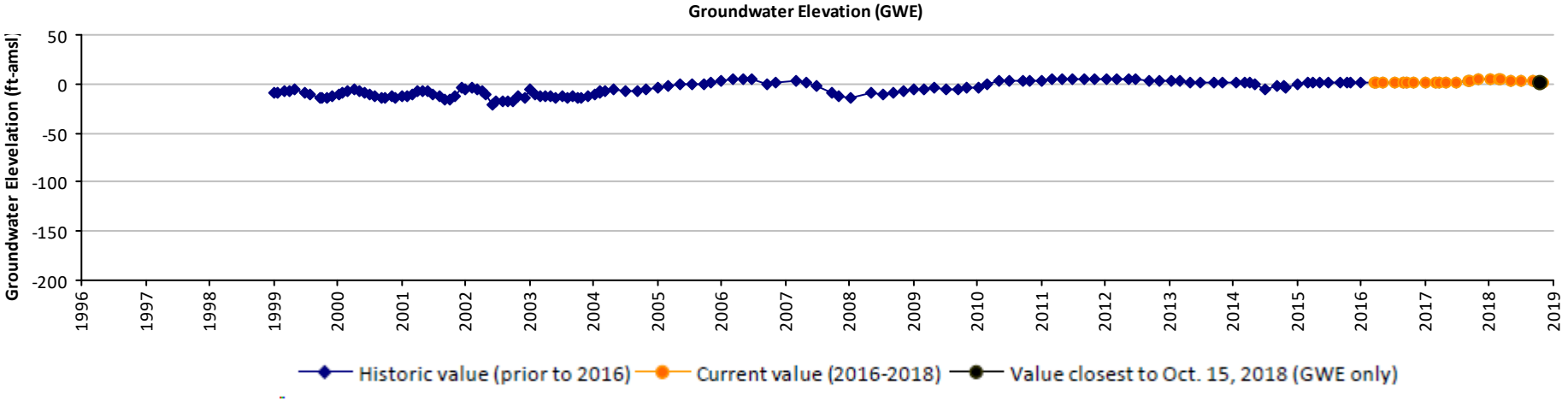

Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

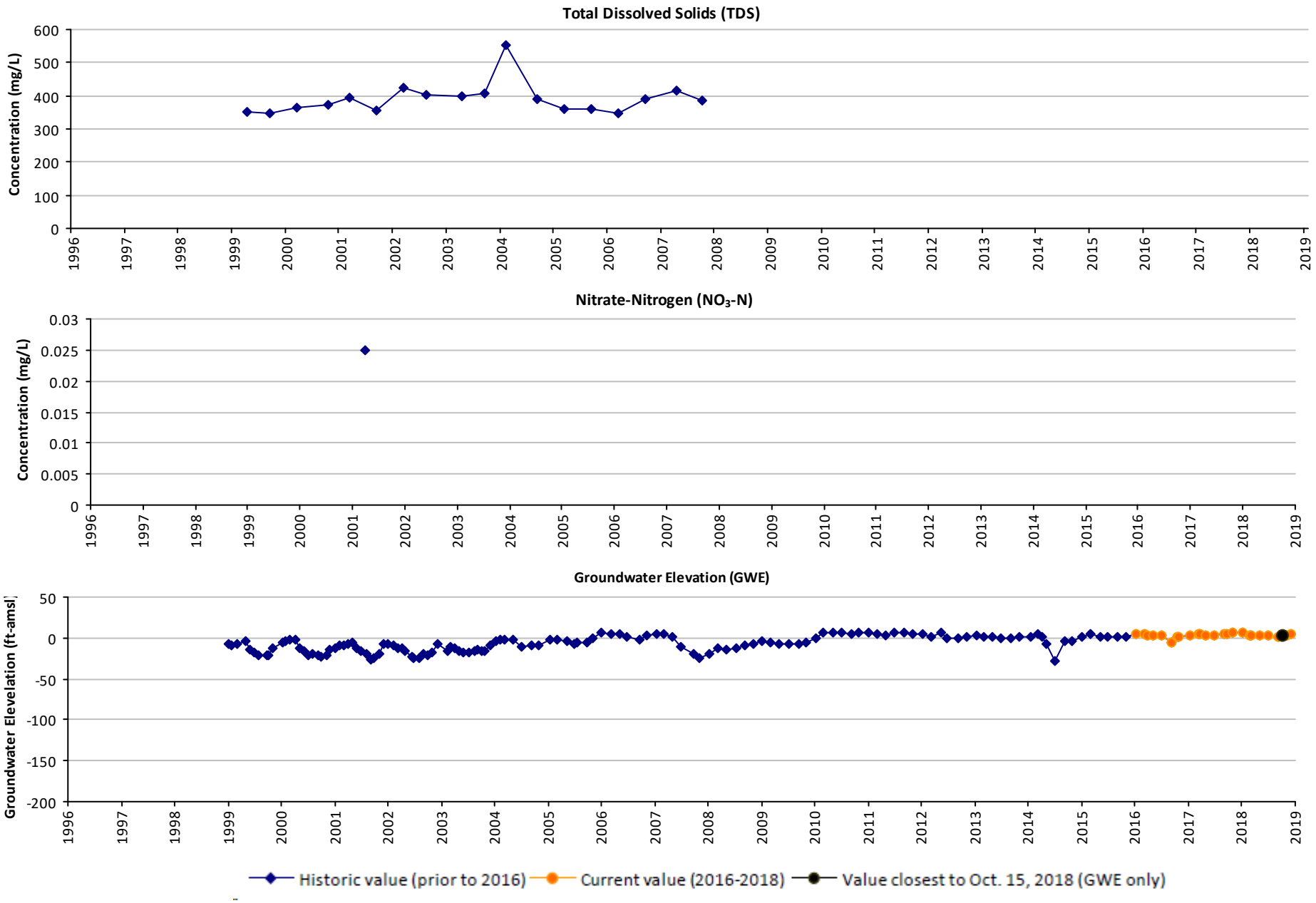

Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

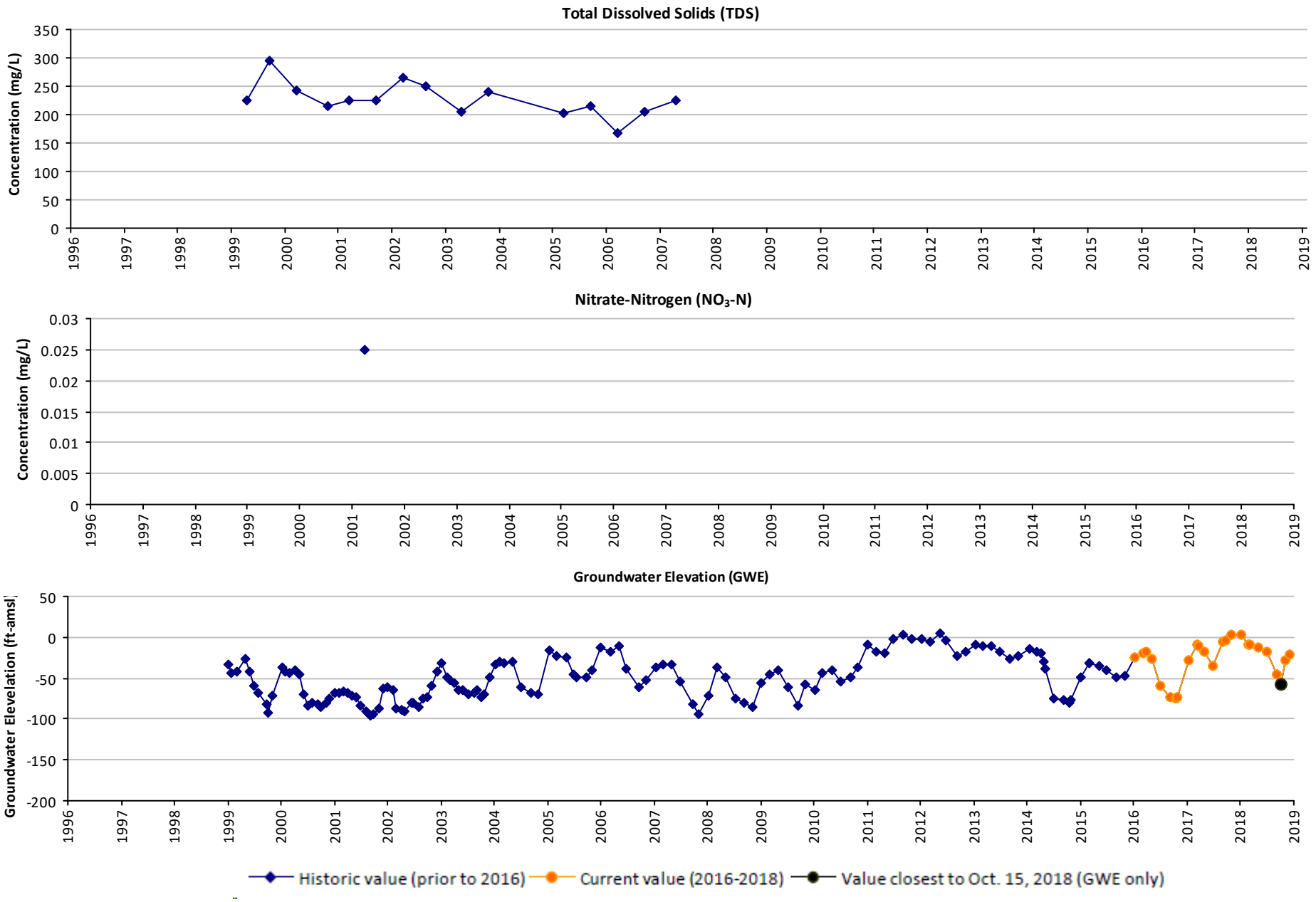

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

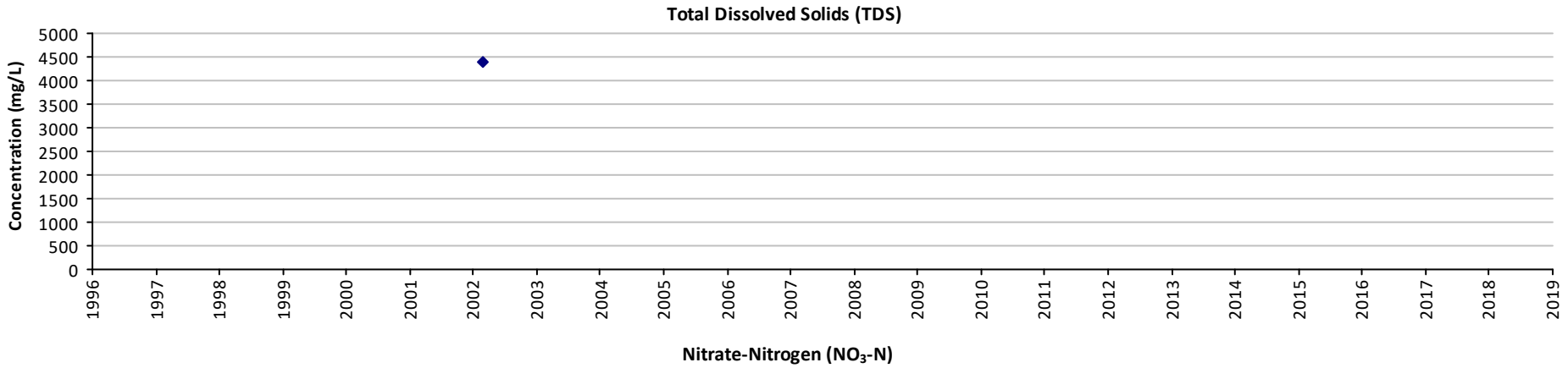

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

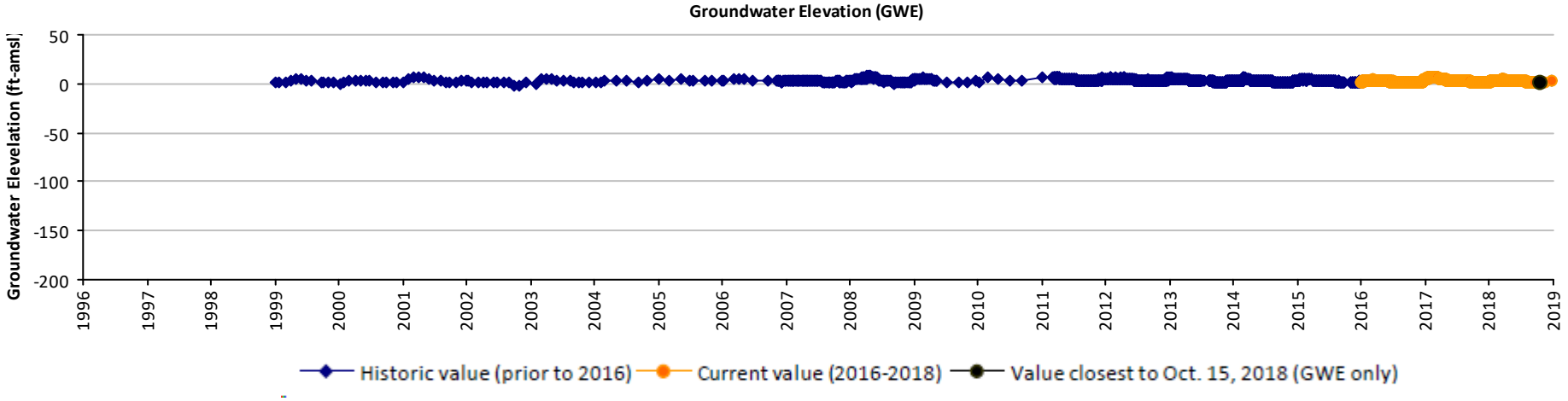

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

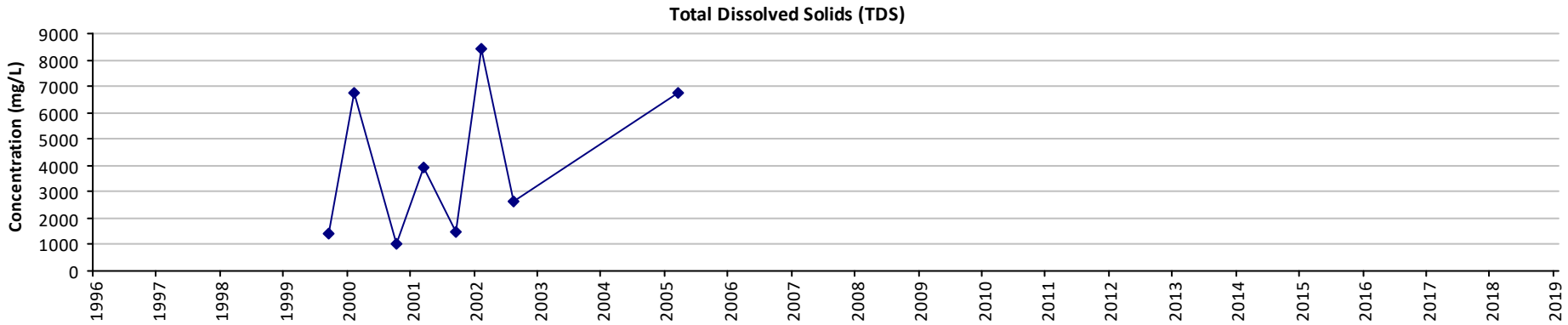

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
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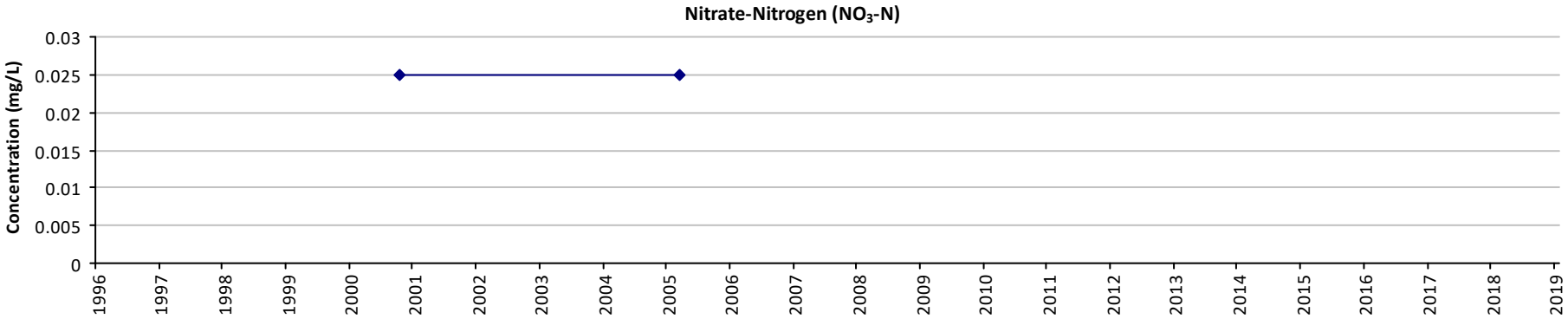
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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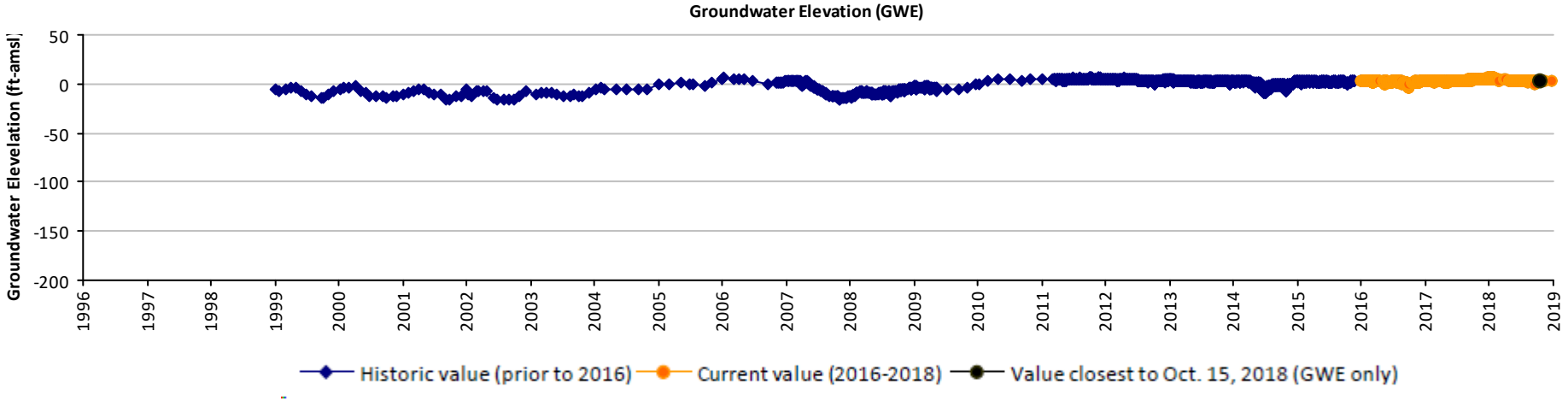
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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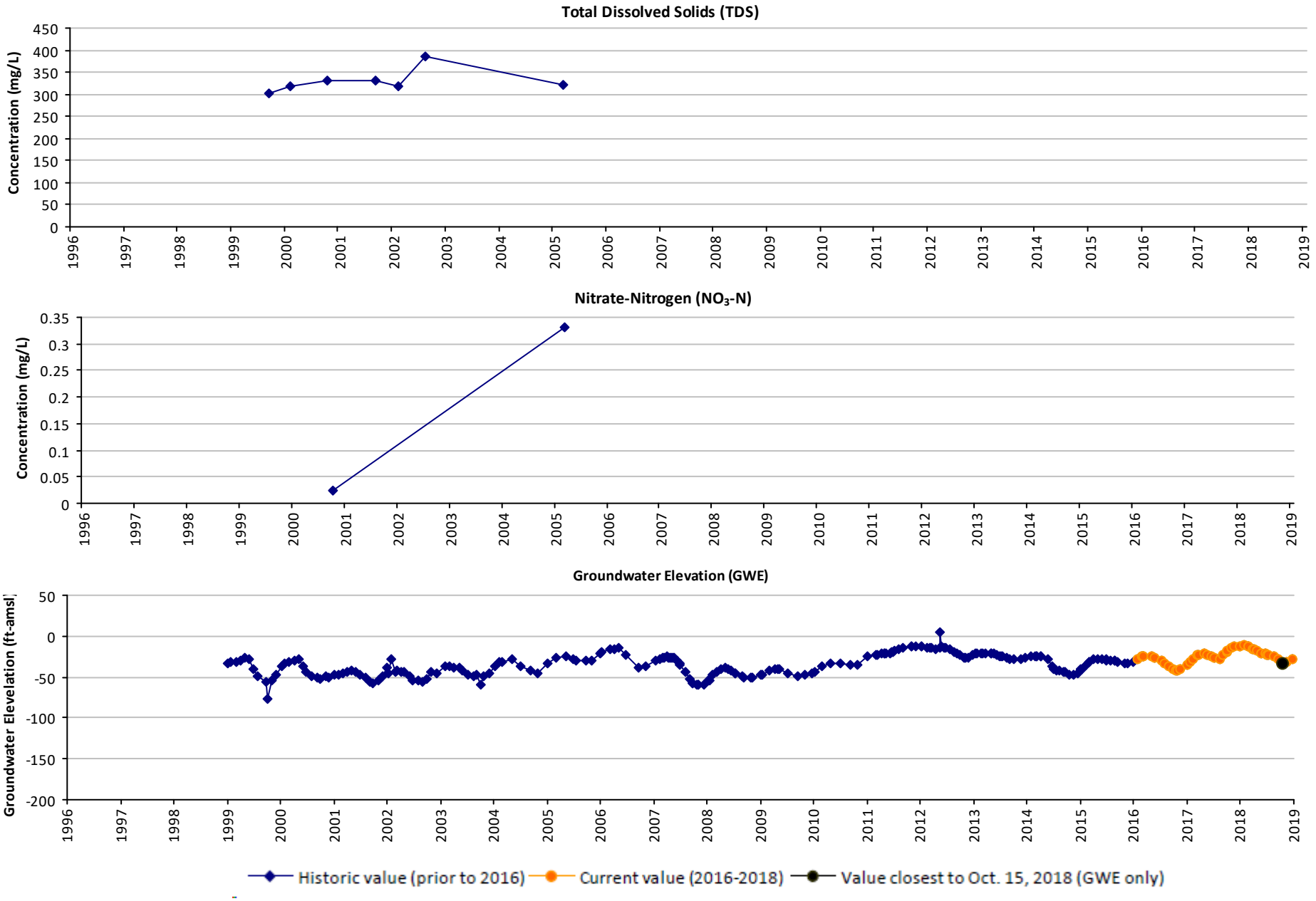
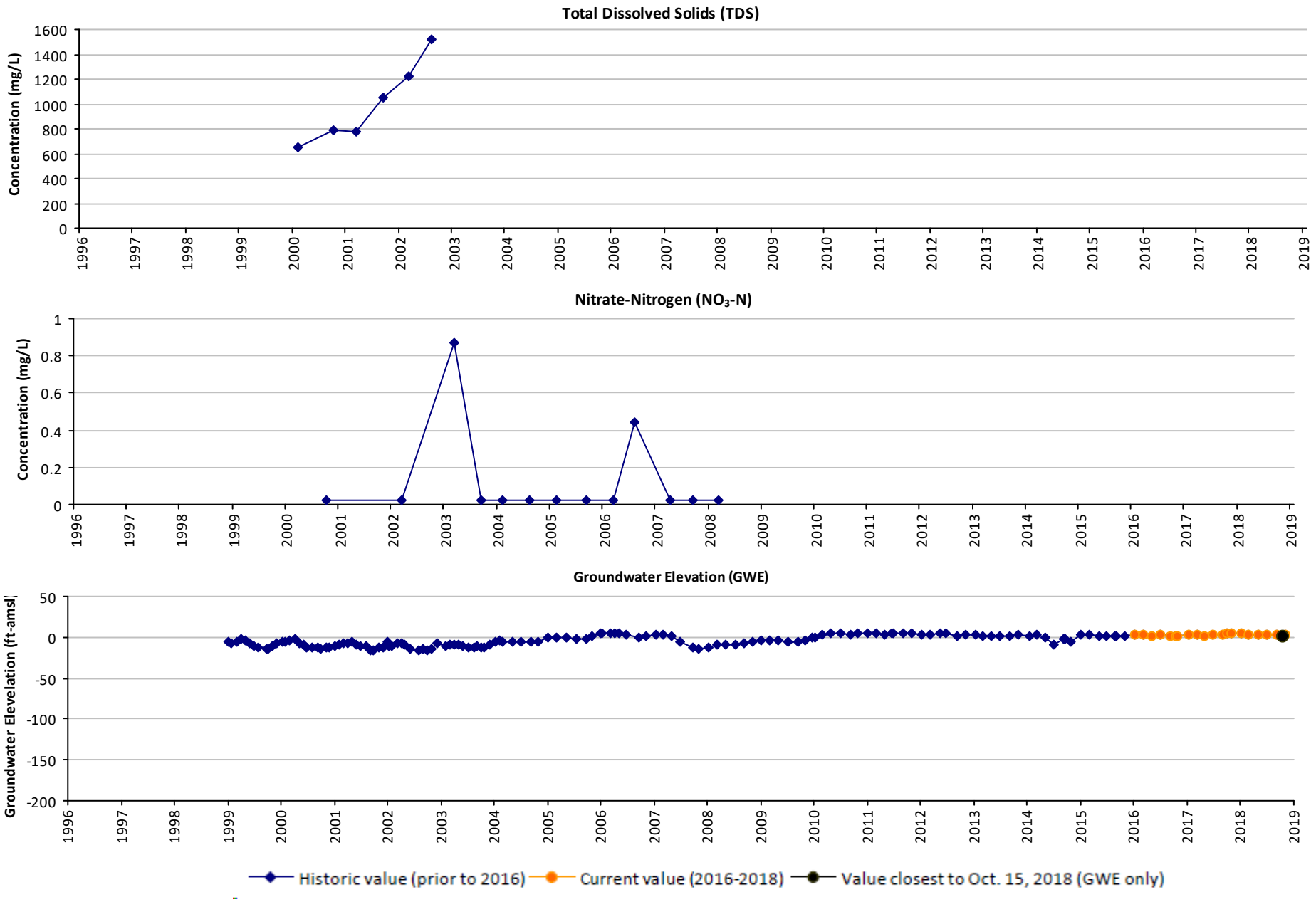
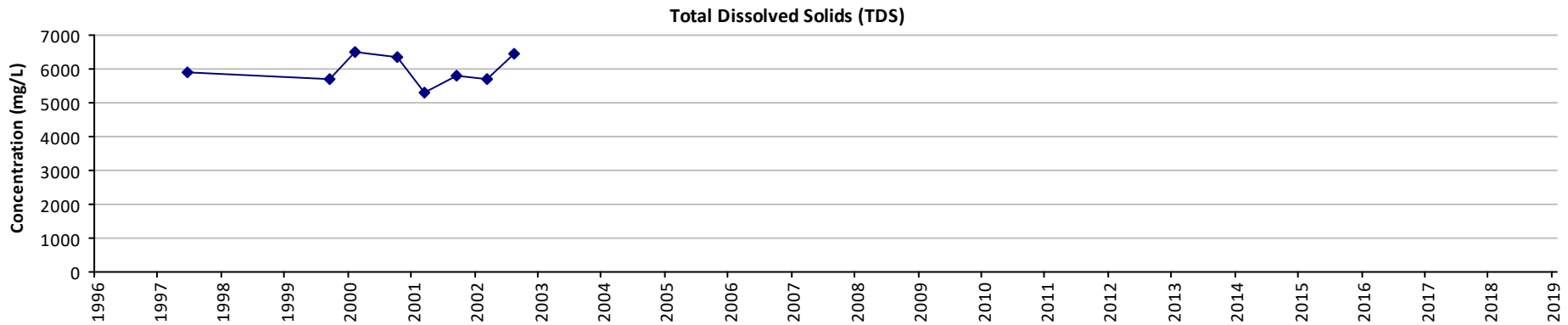
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
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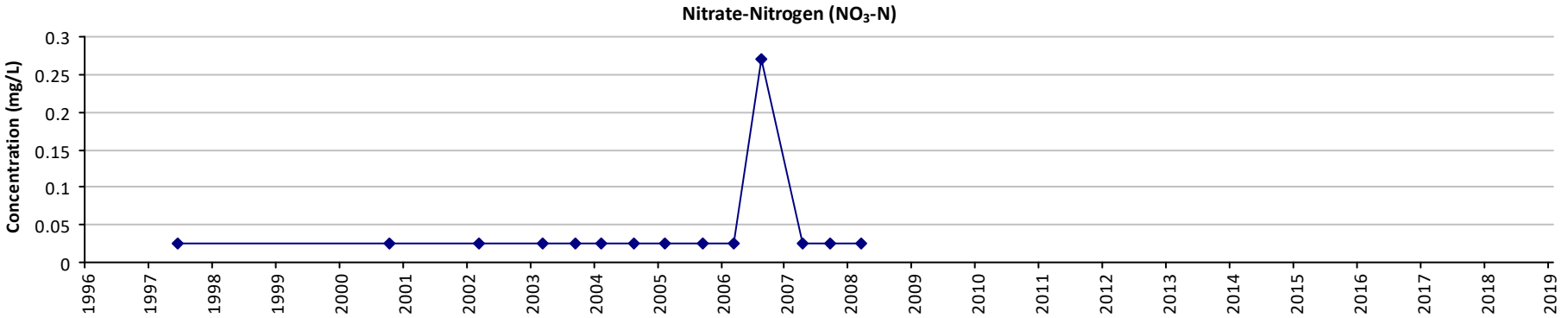
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
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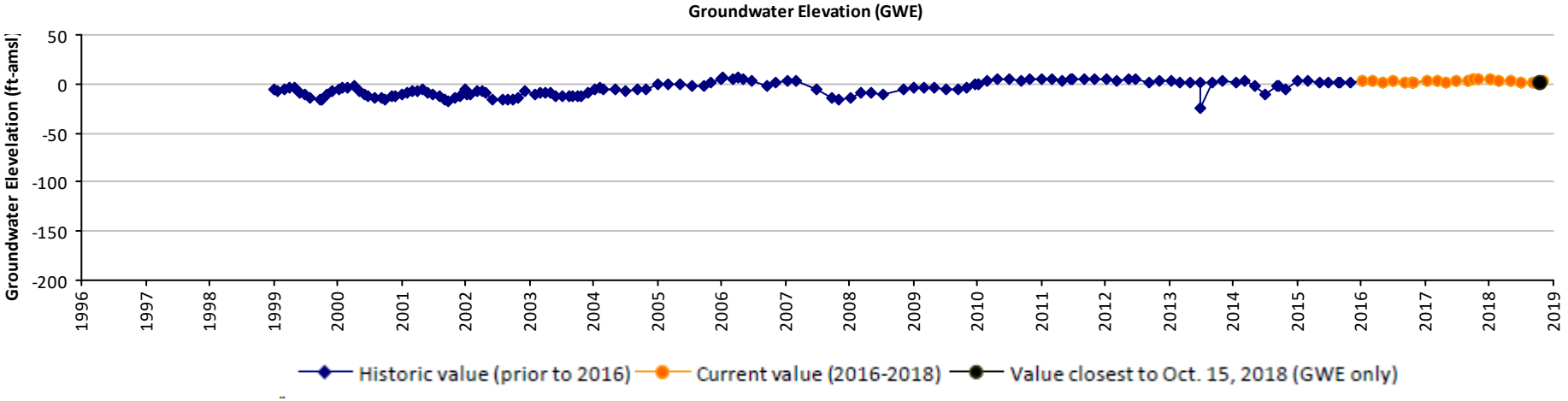
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2009
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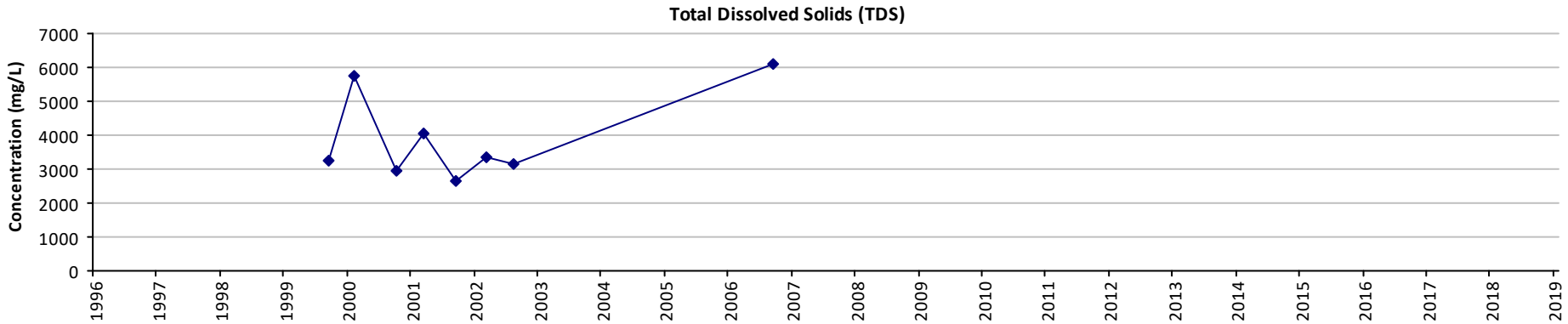
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
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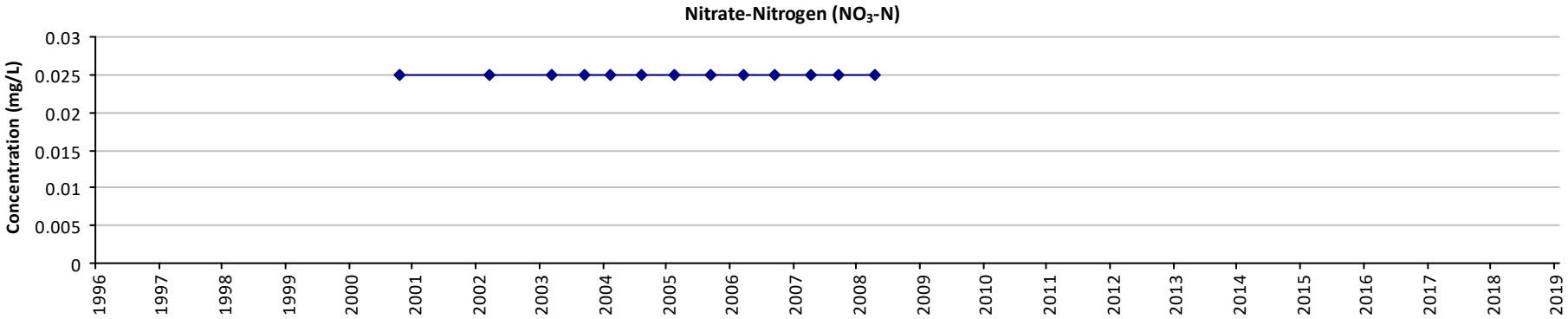
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
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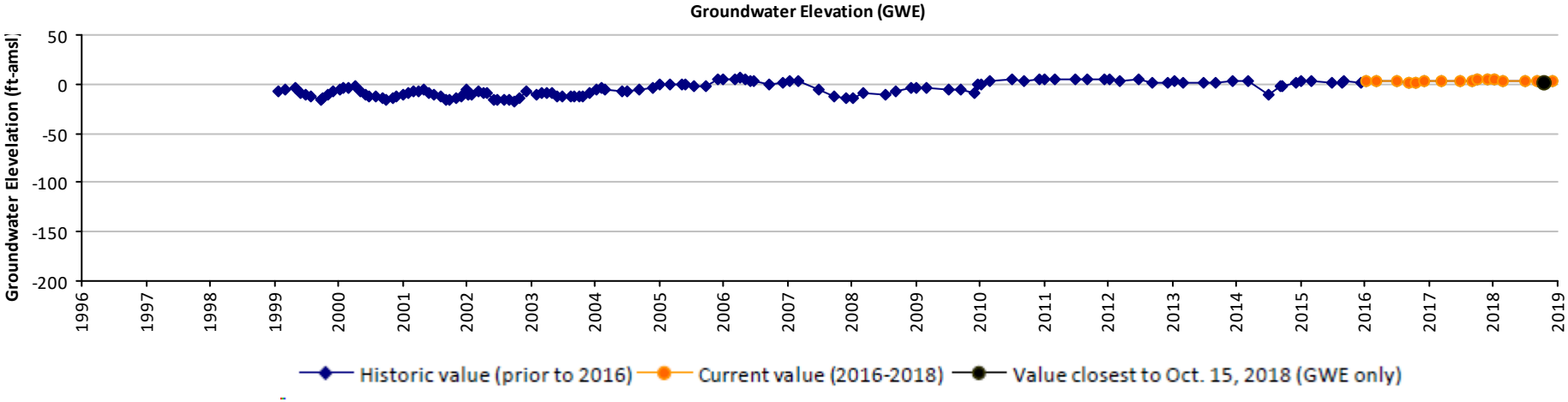
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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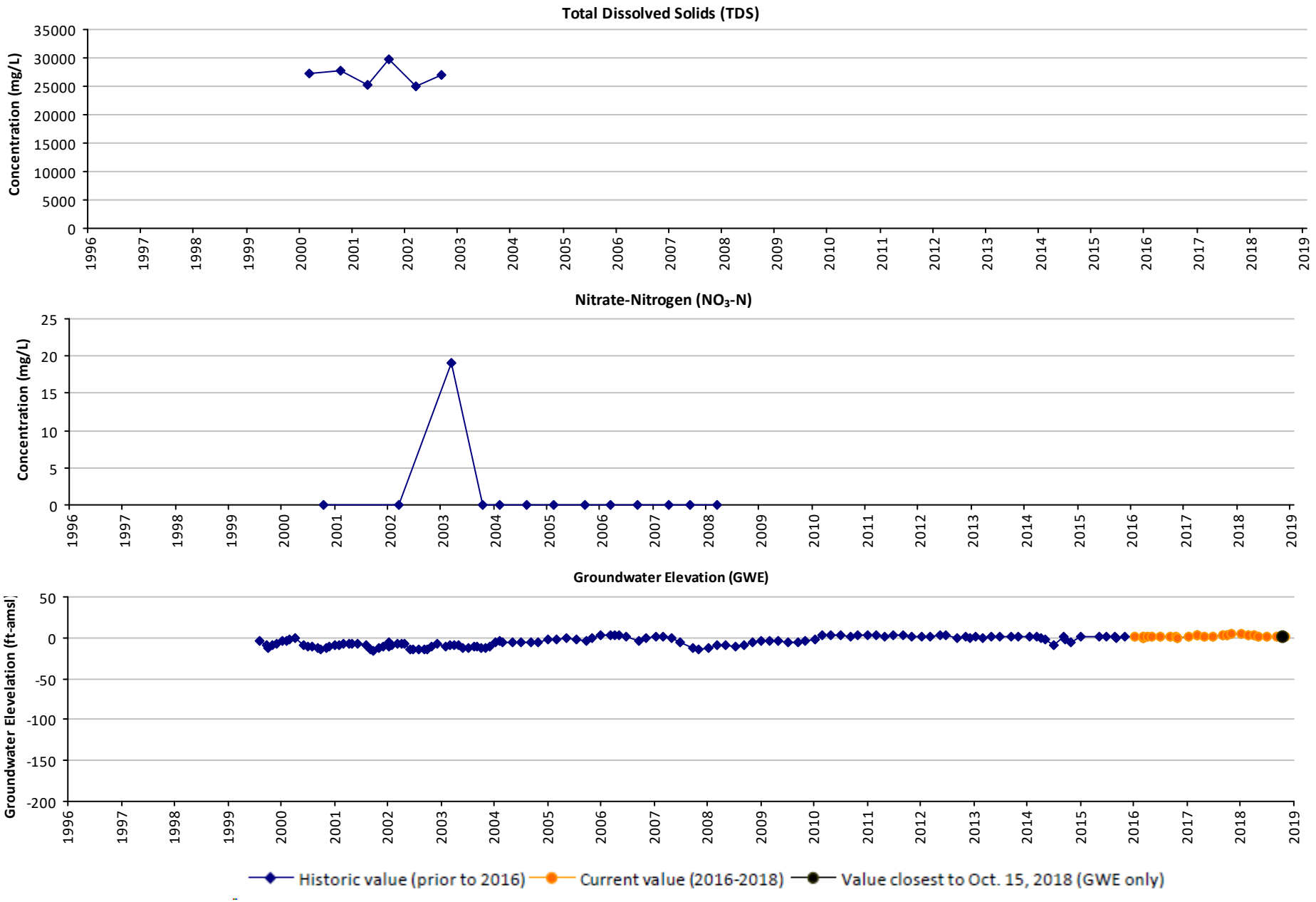
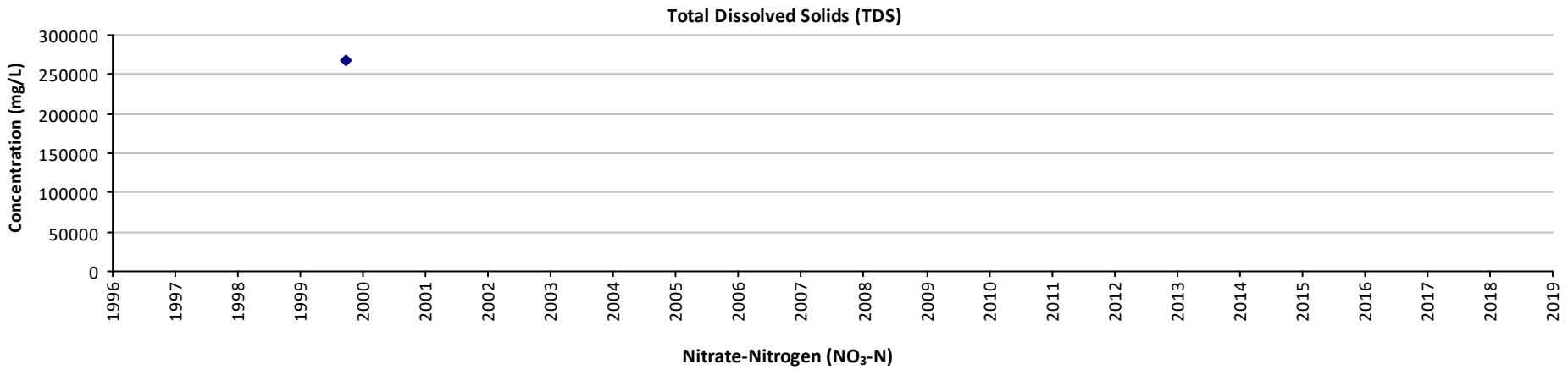
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300000
250000
200000
150000
100000
50000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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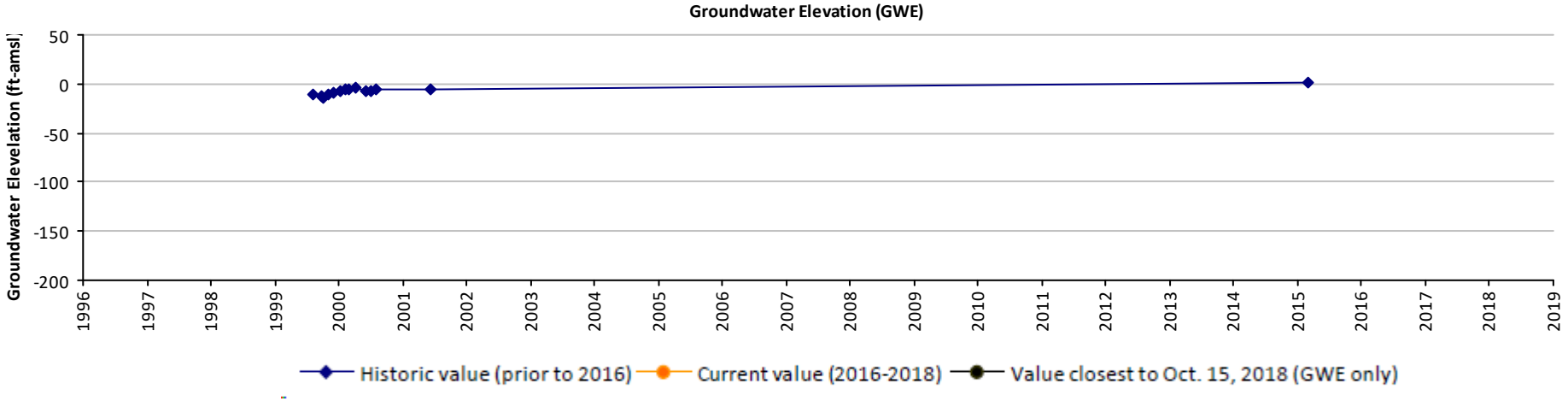
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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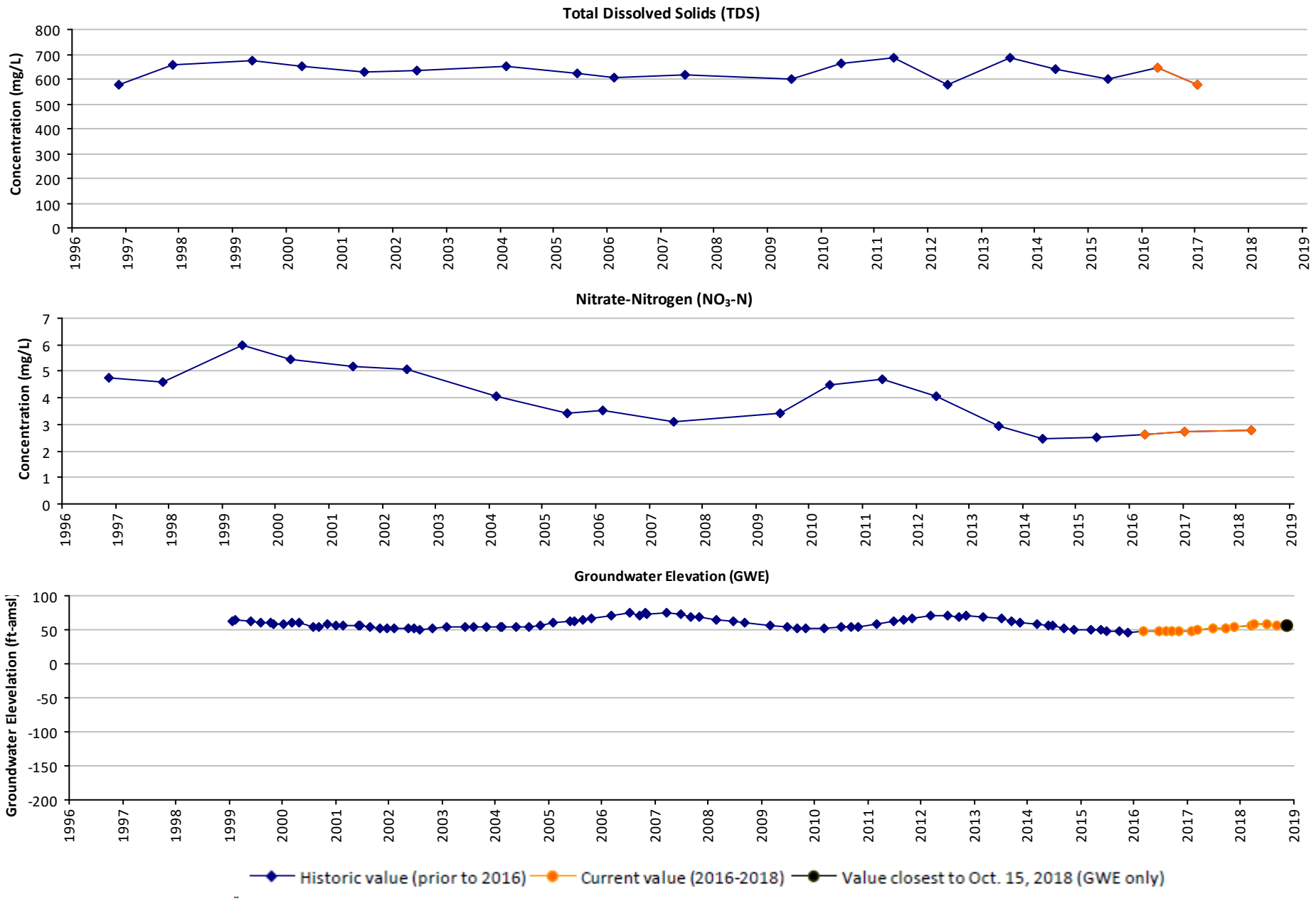
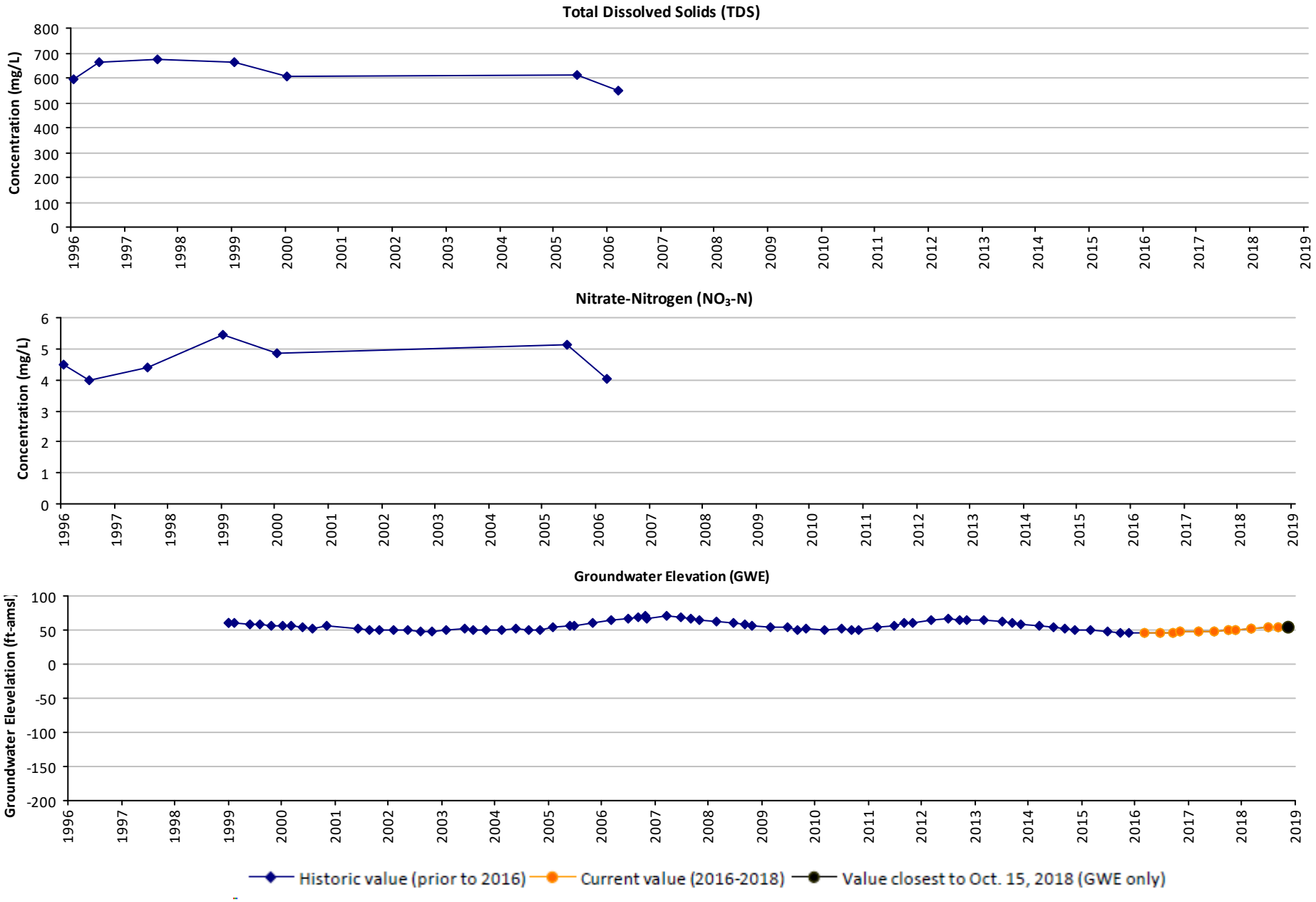
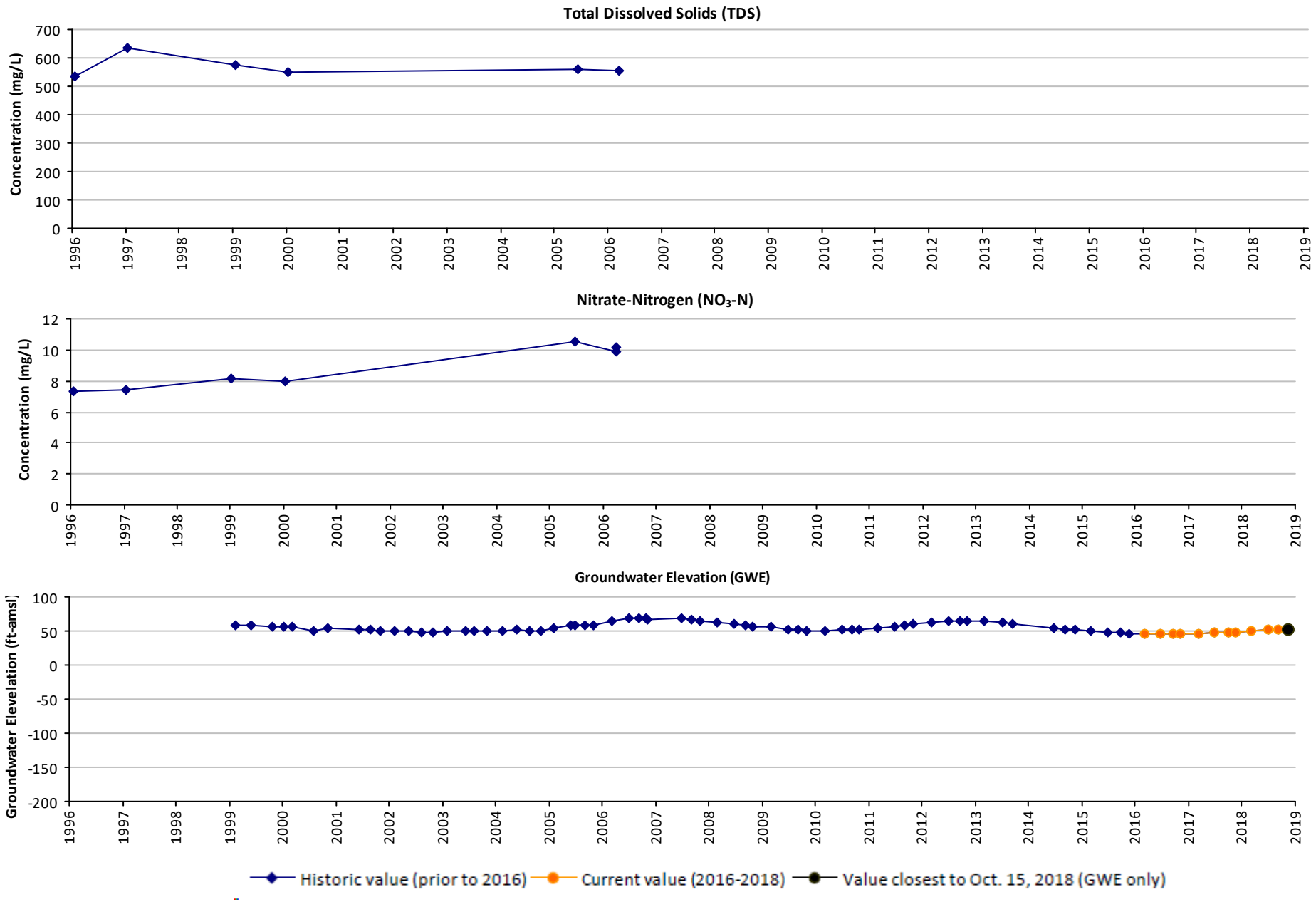
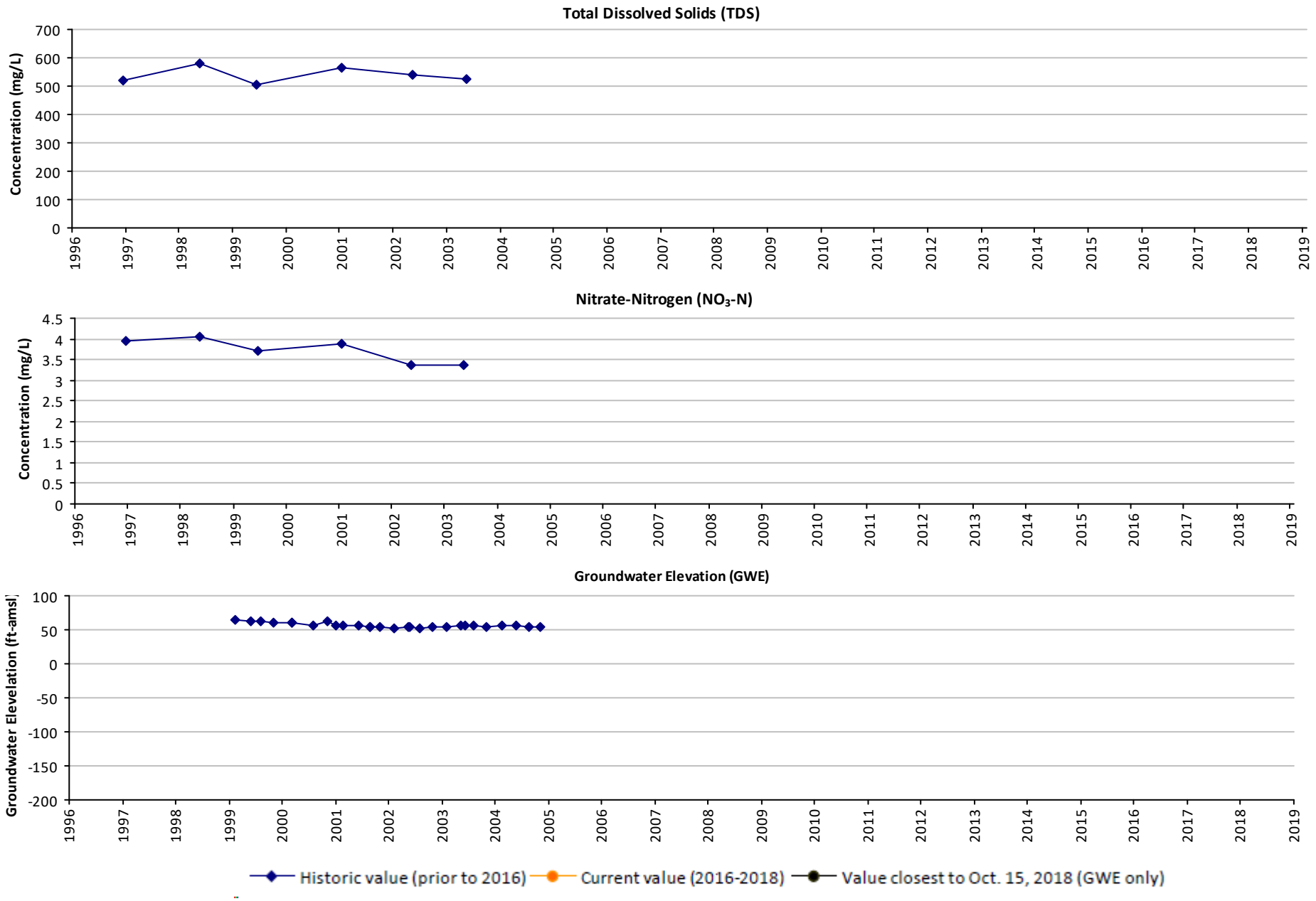
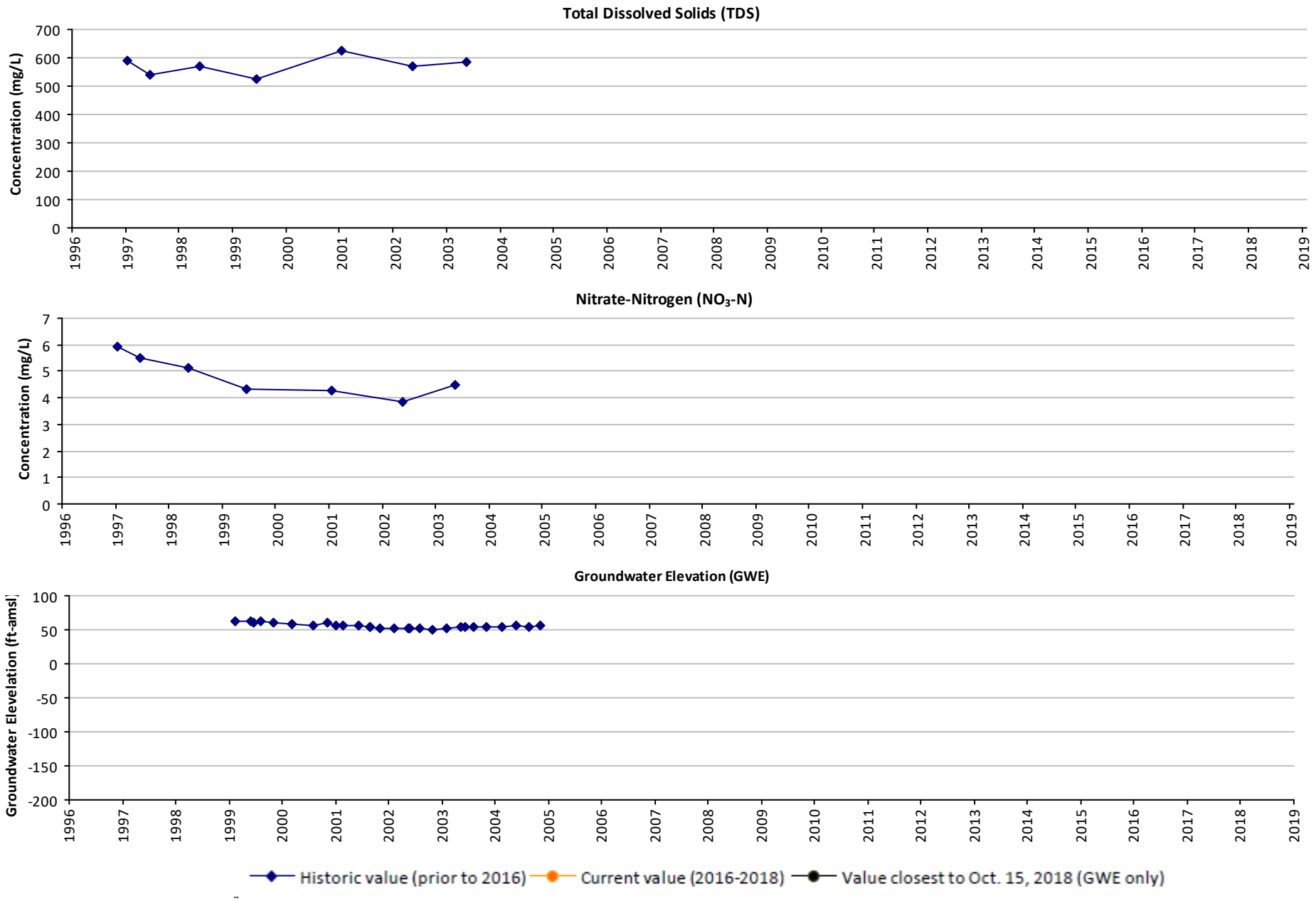
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

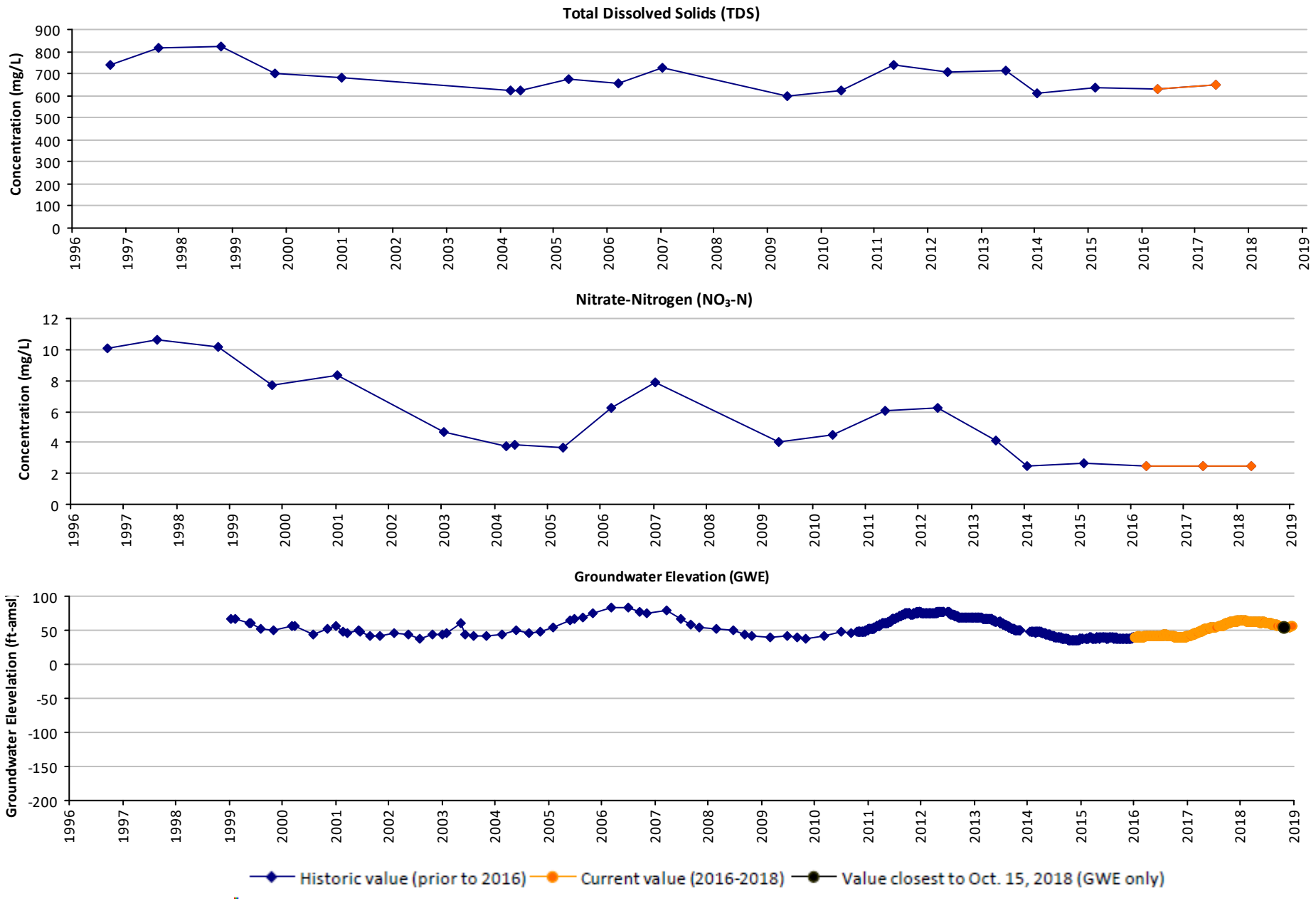

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

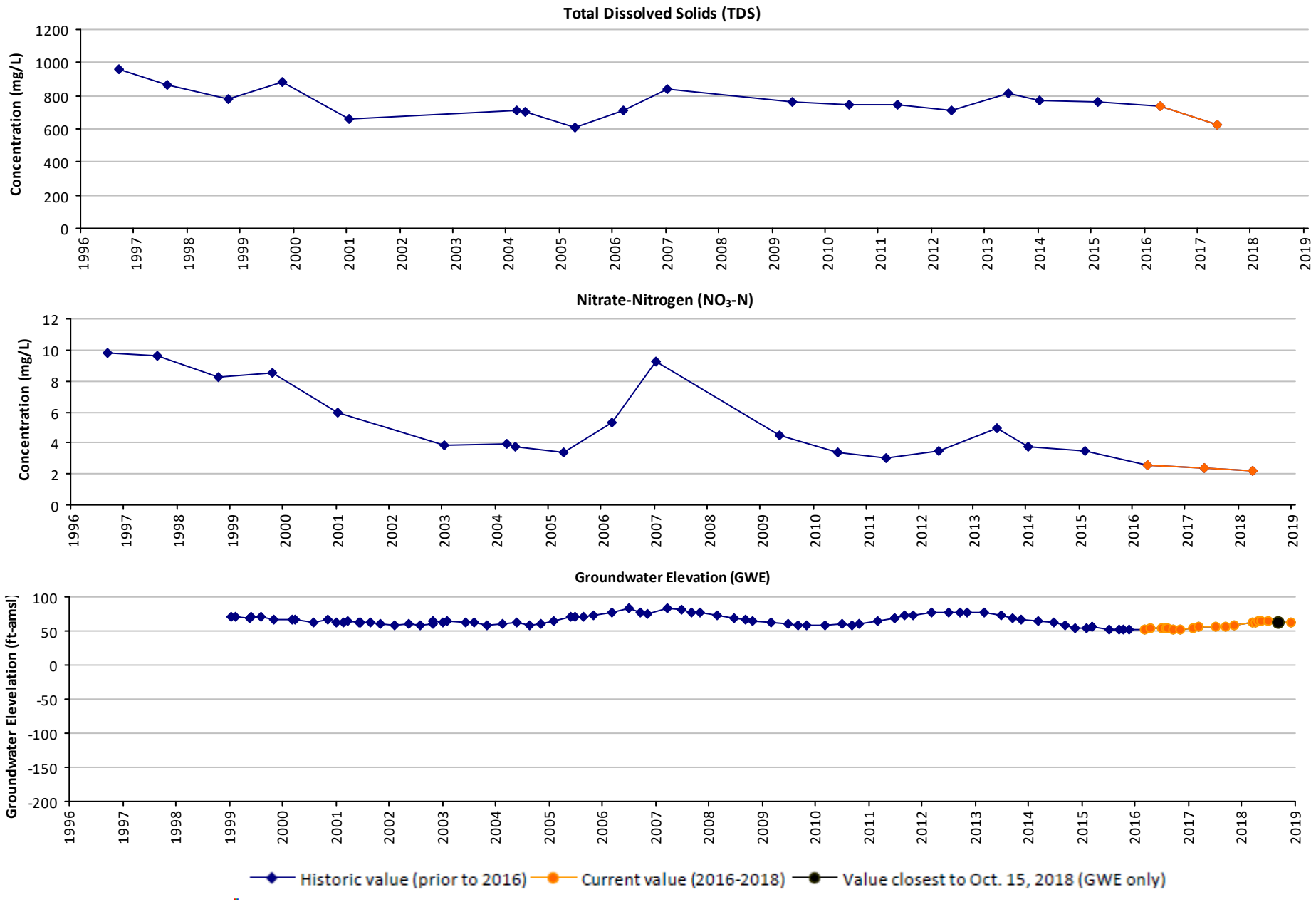

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

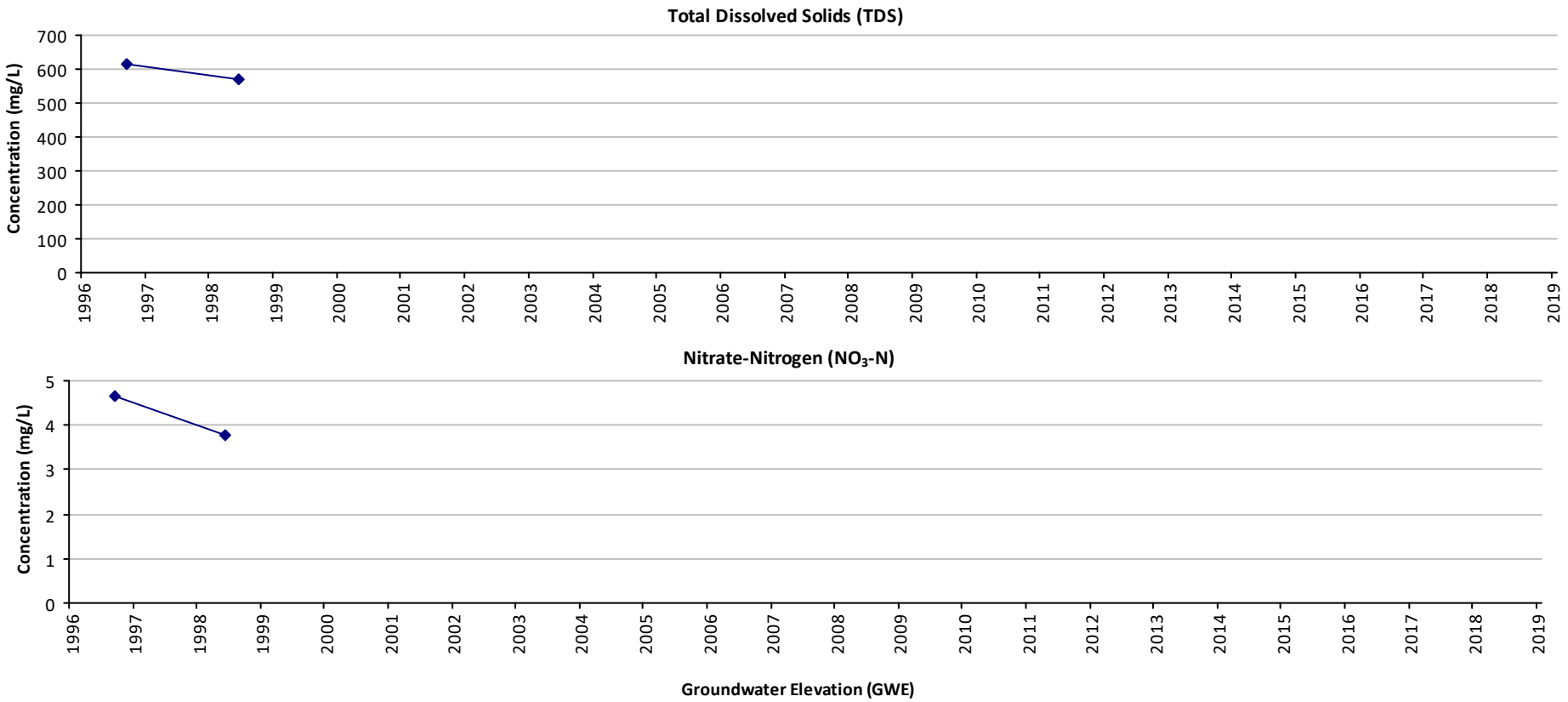

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

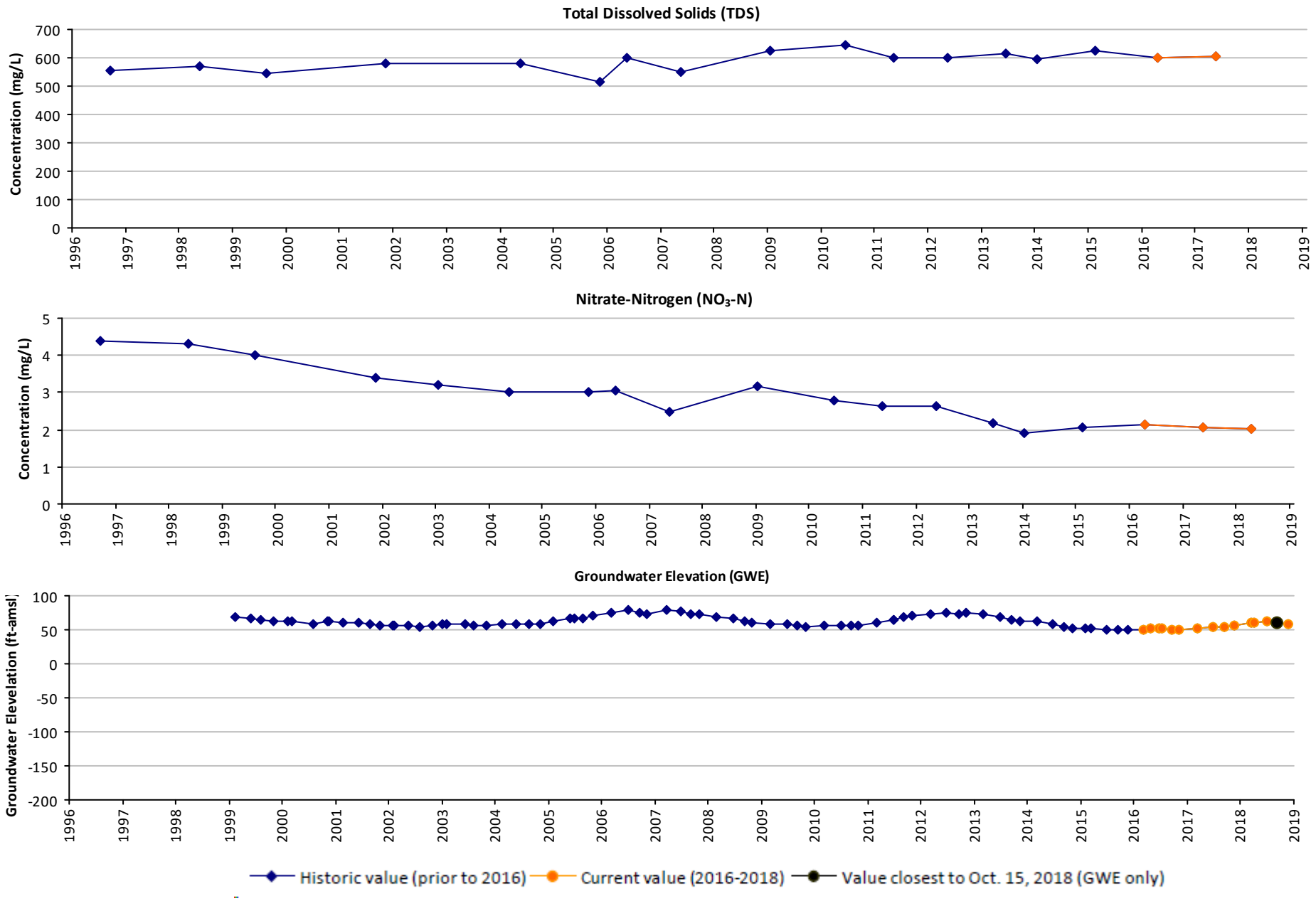

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

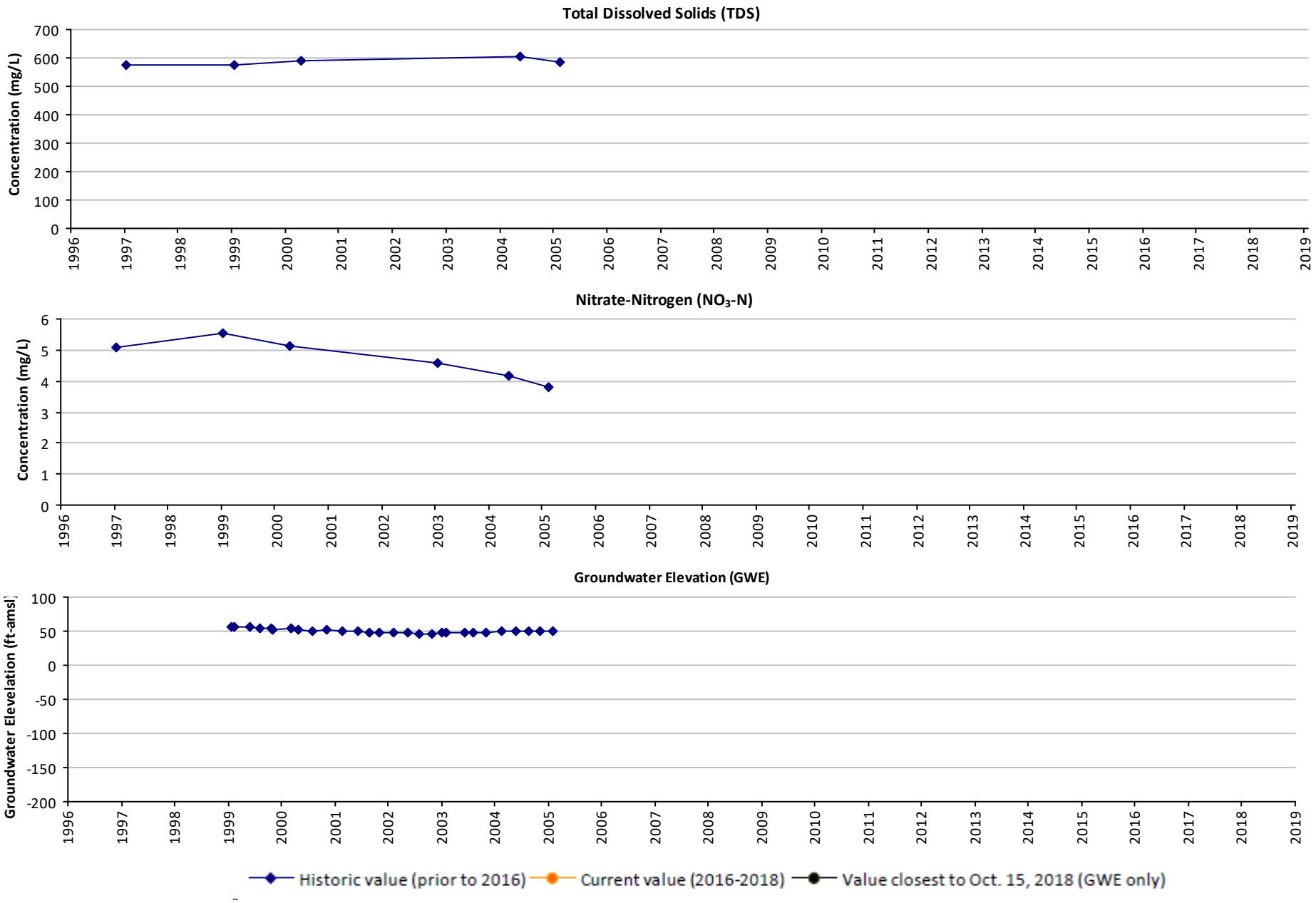

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

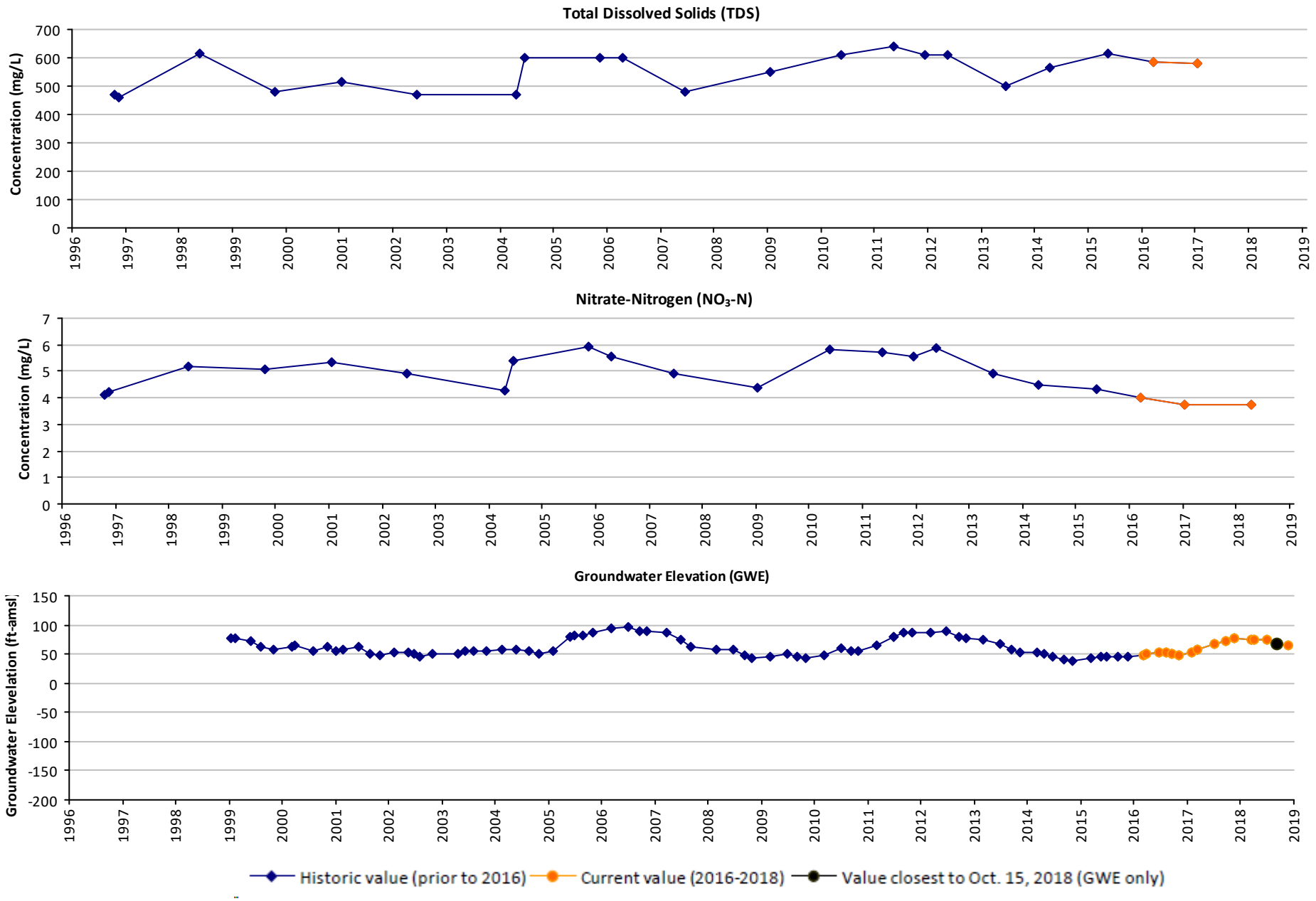

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

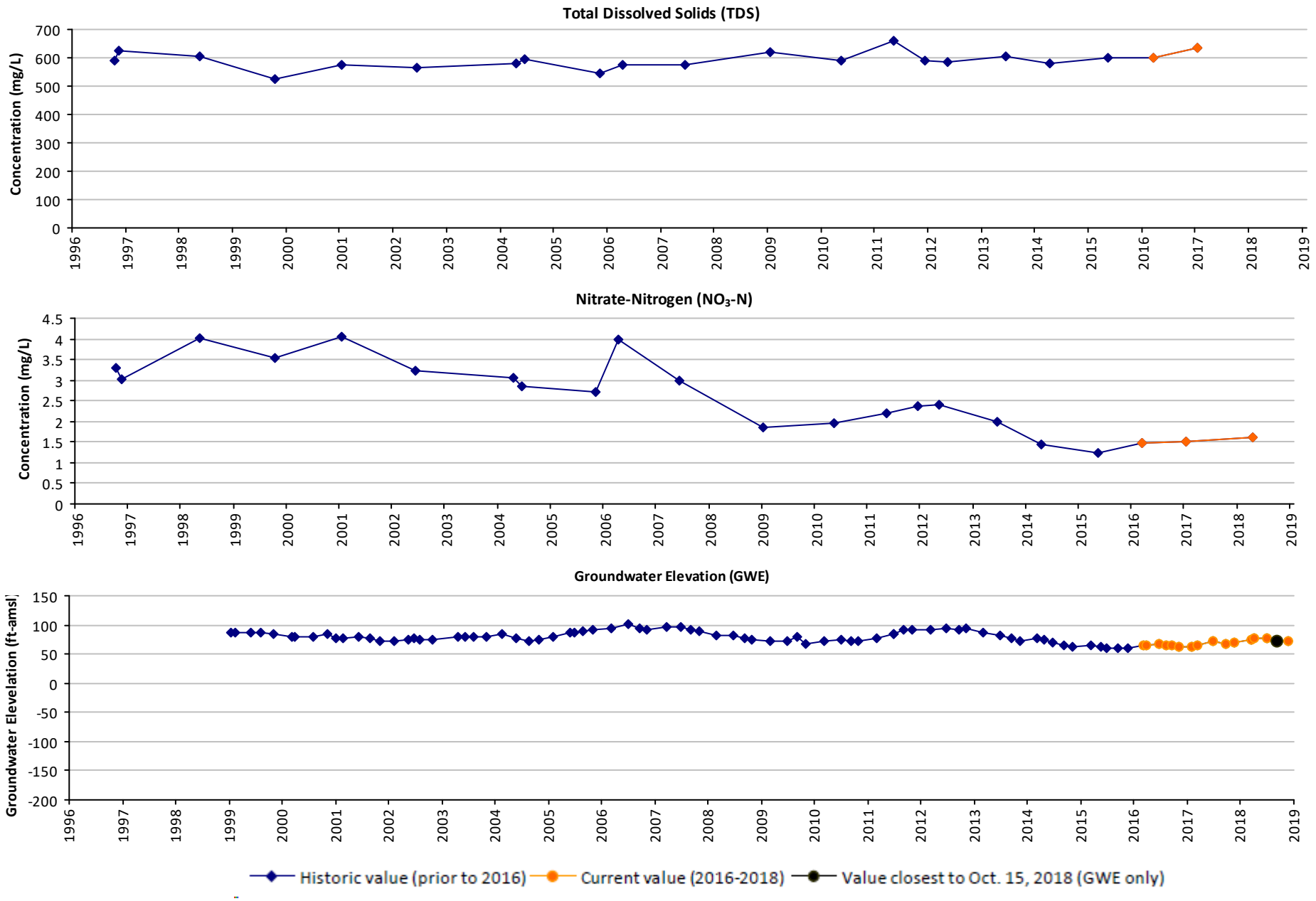

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

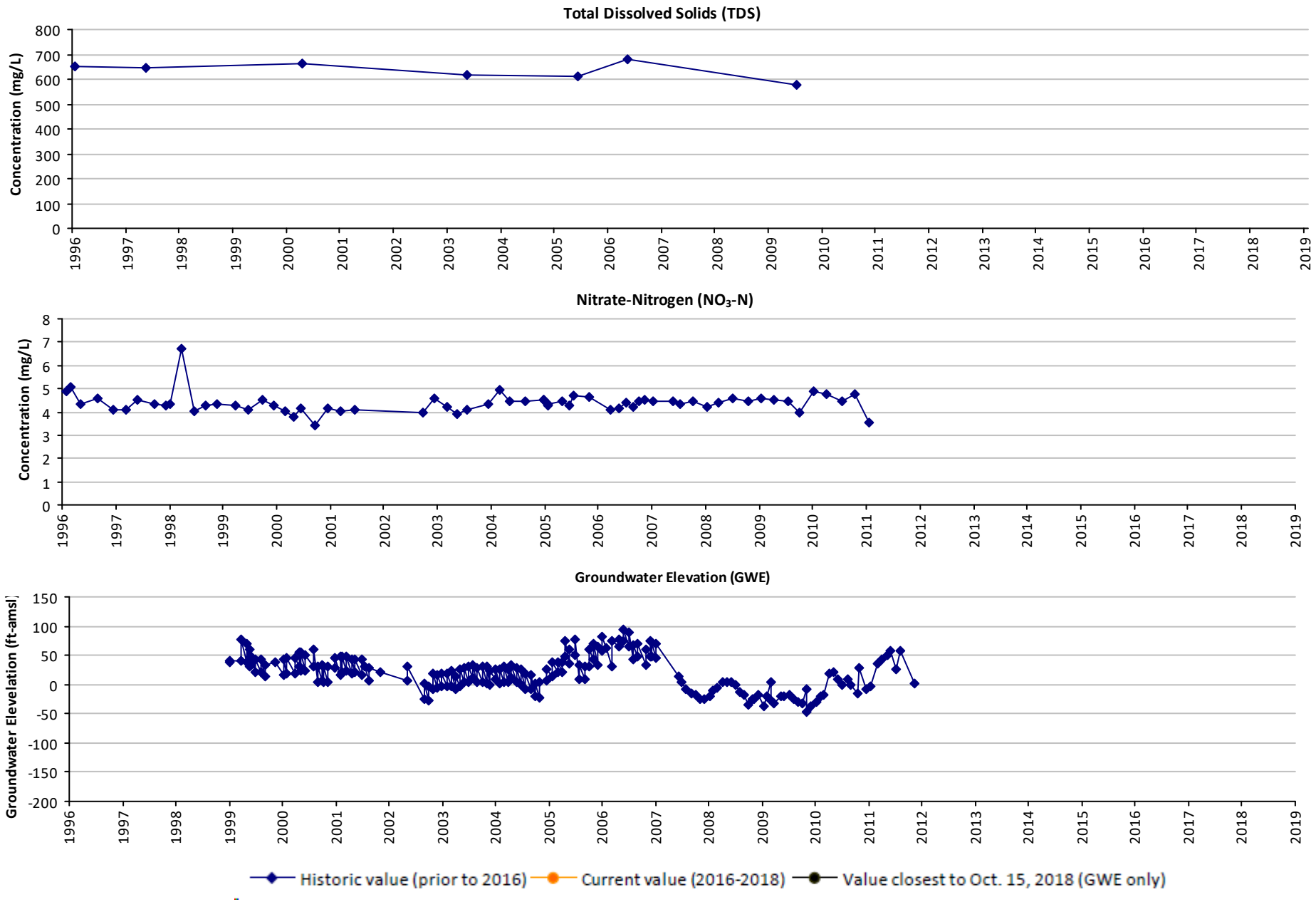

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

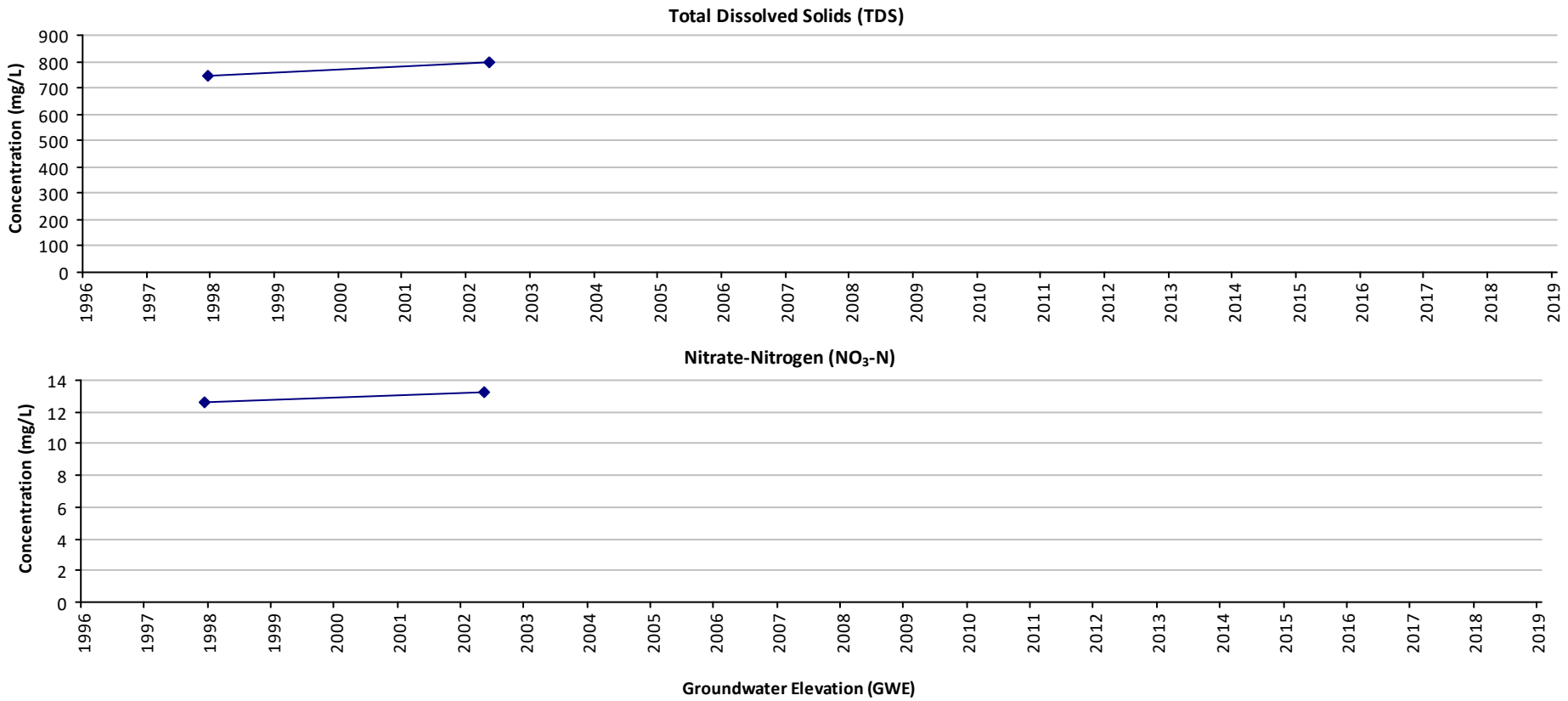
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

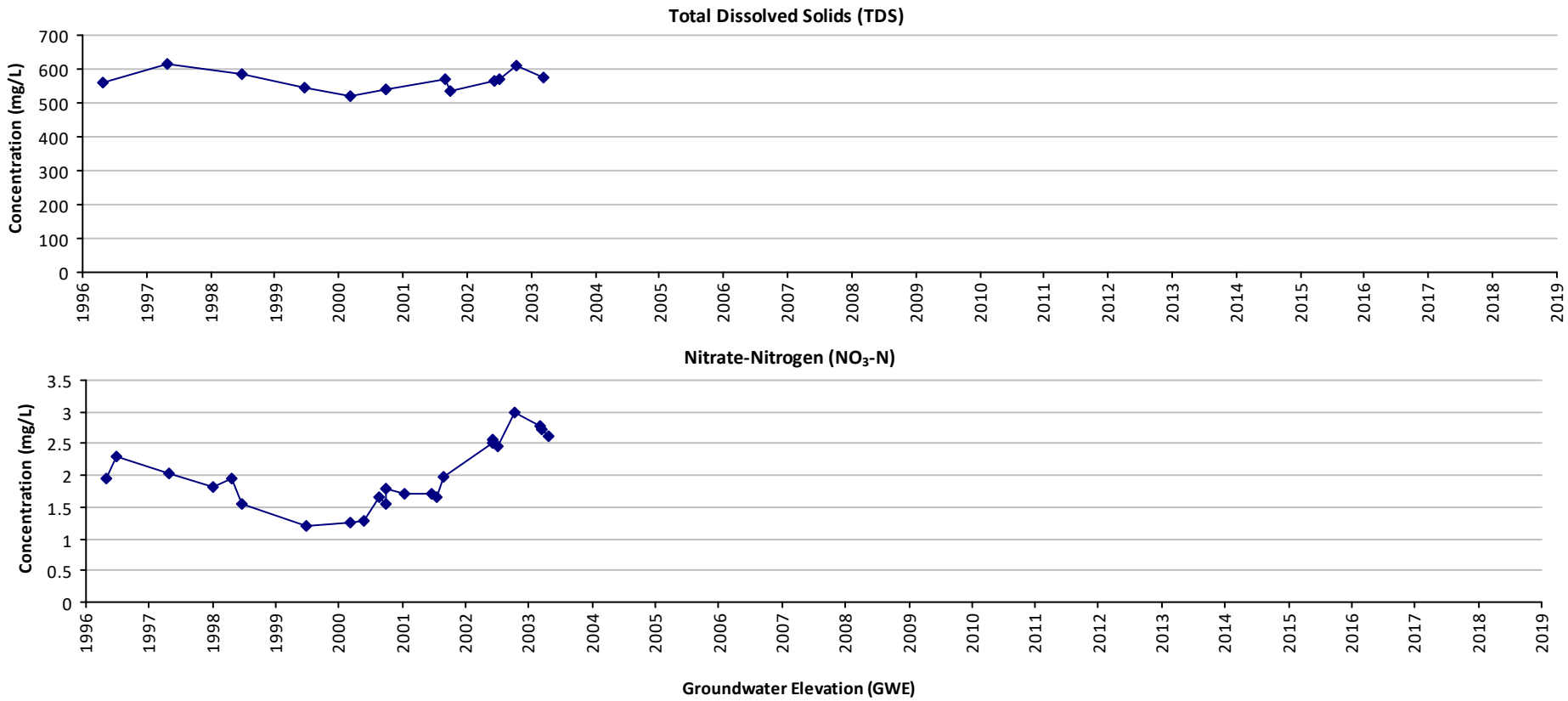
Well ID: 1214560
Management Zone: Orange County

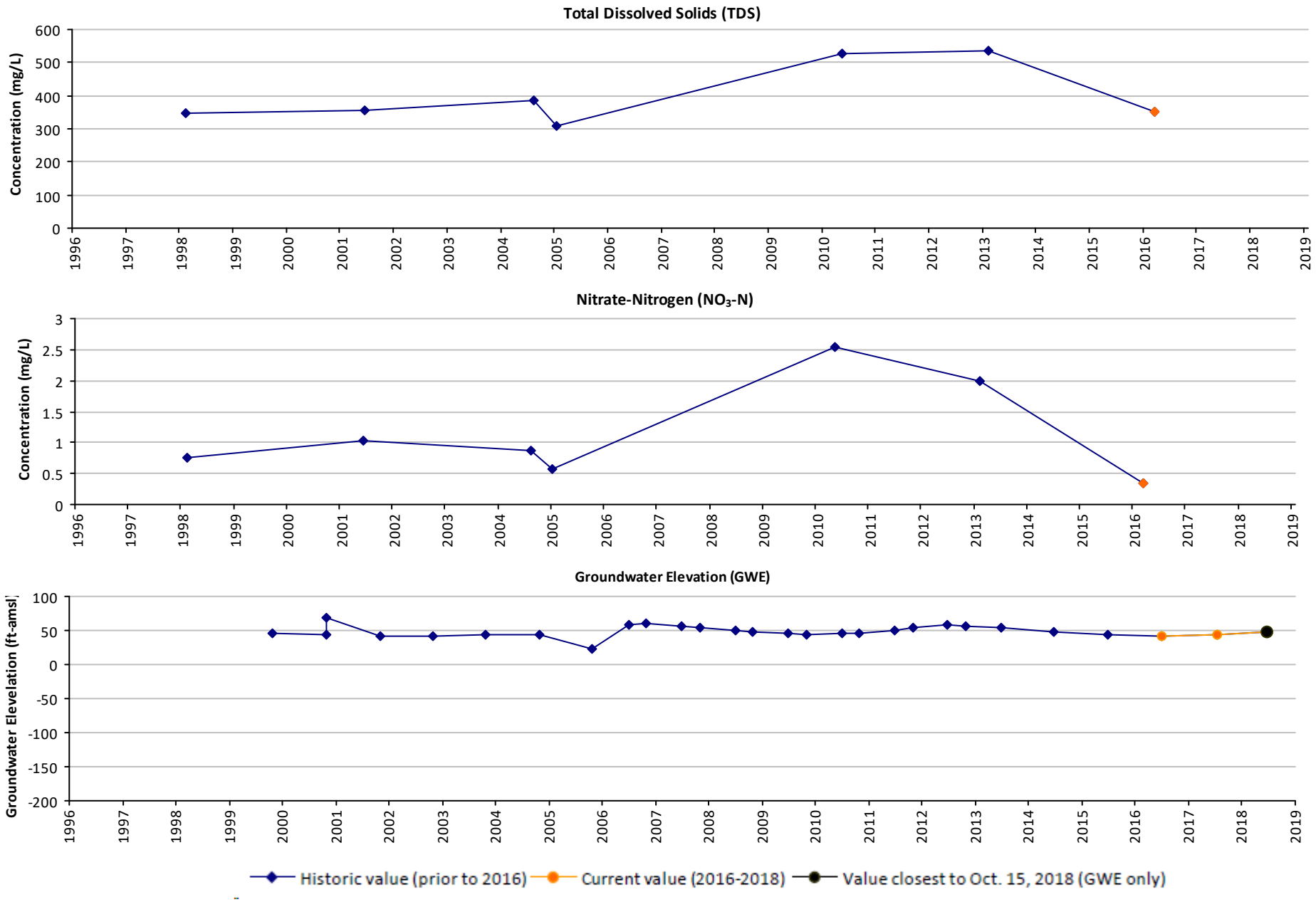


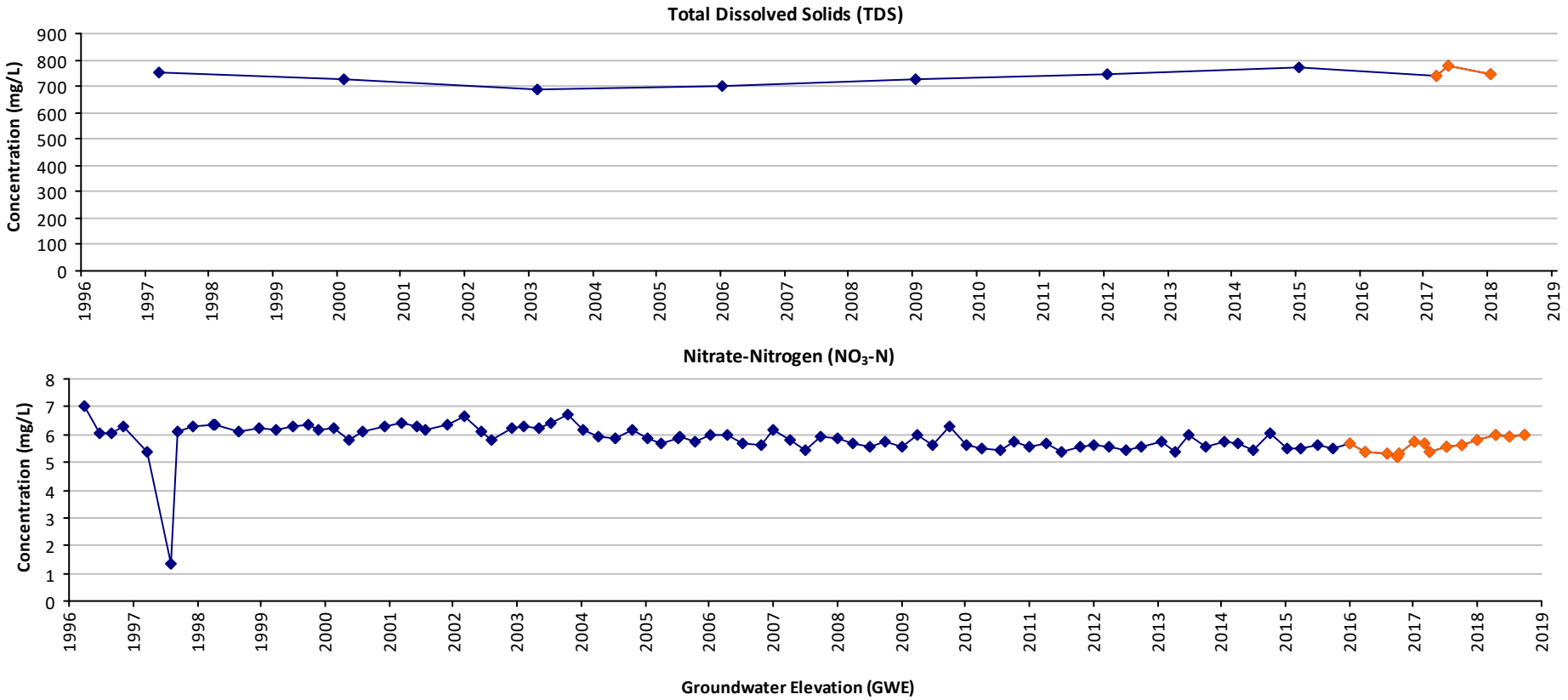

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

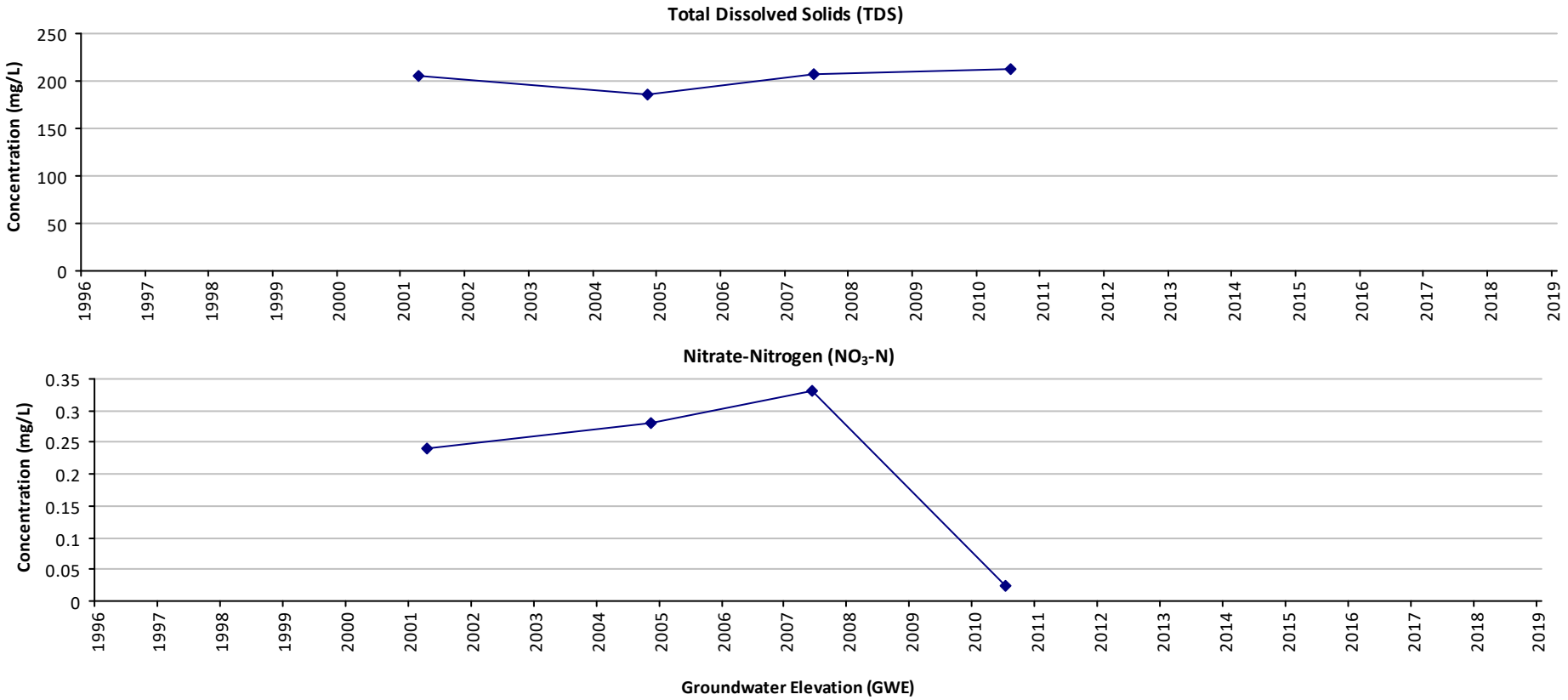

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

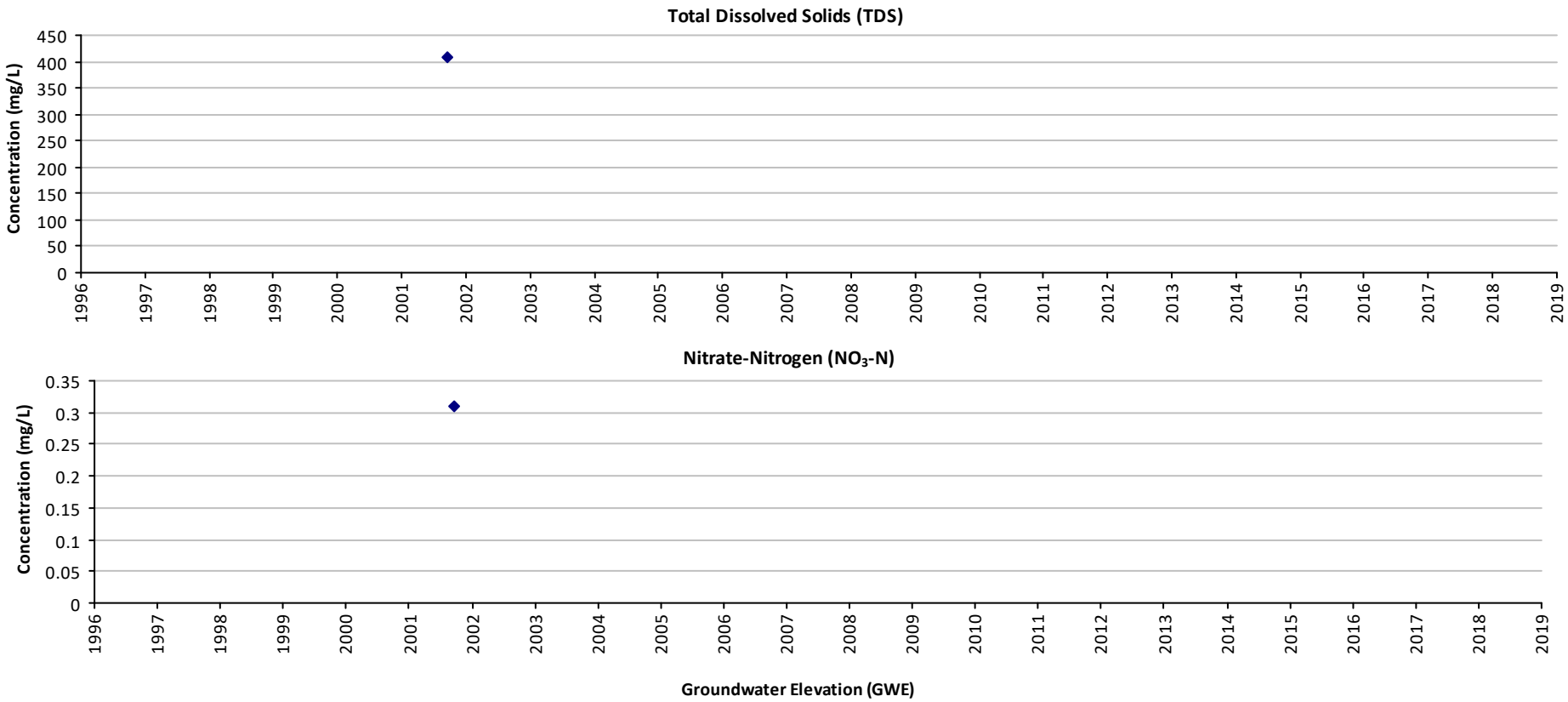

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

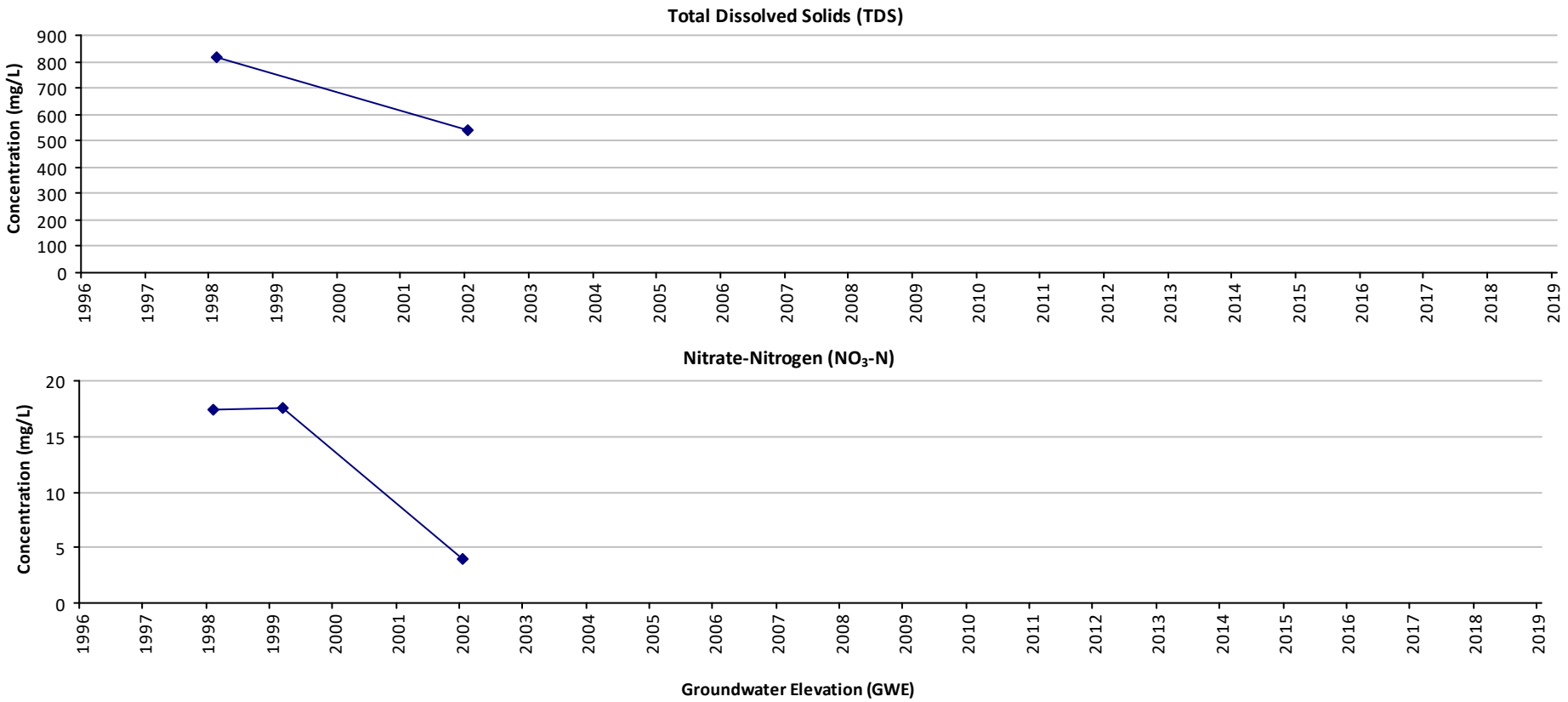

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

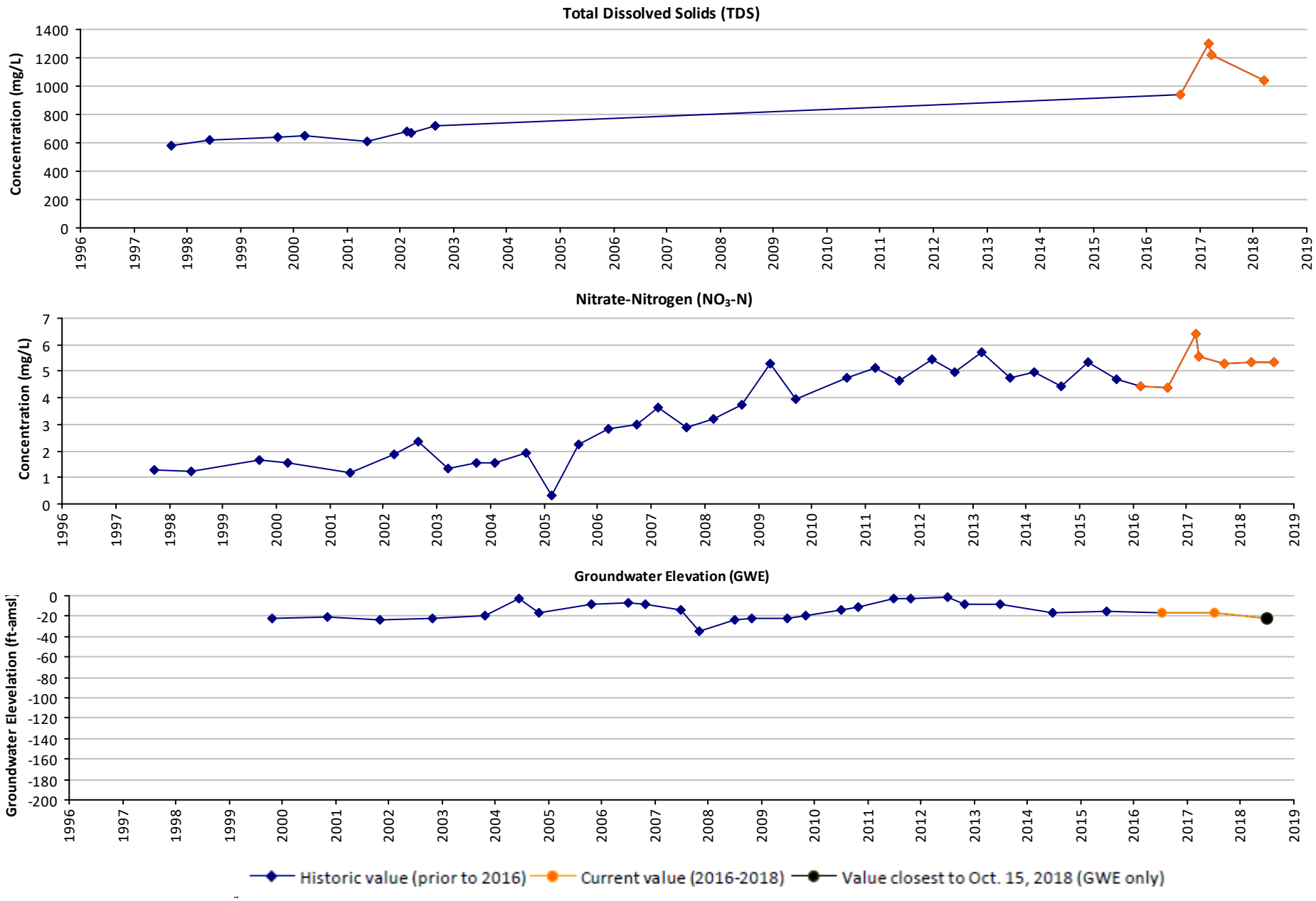

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

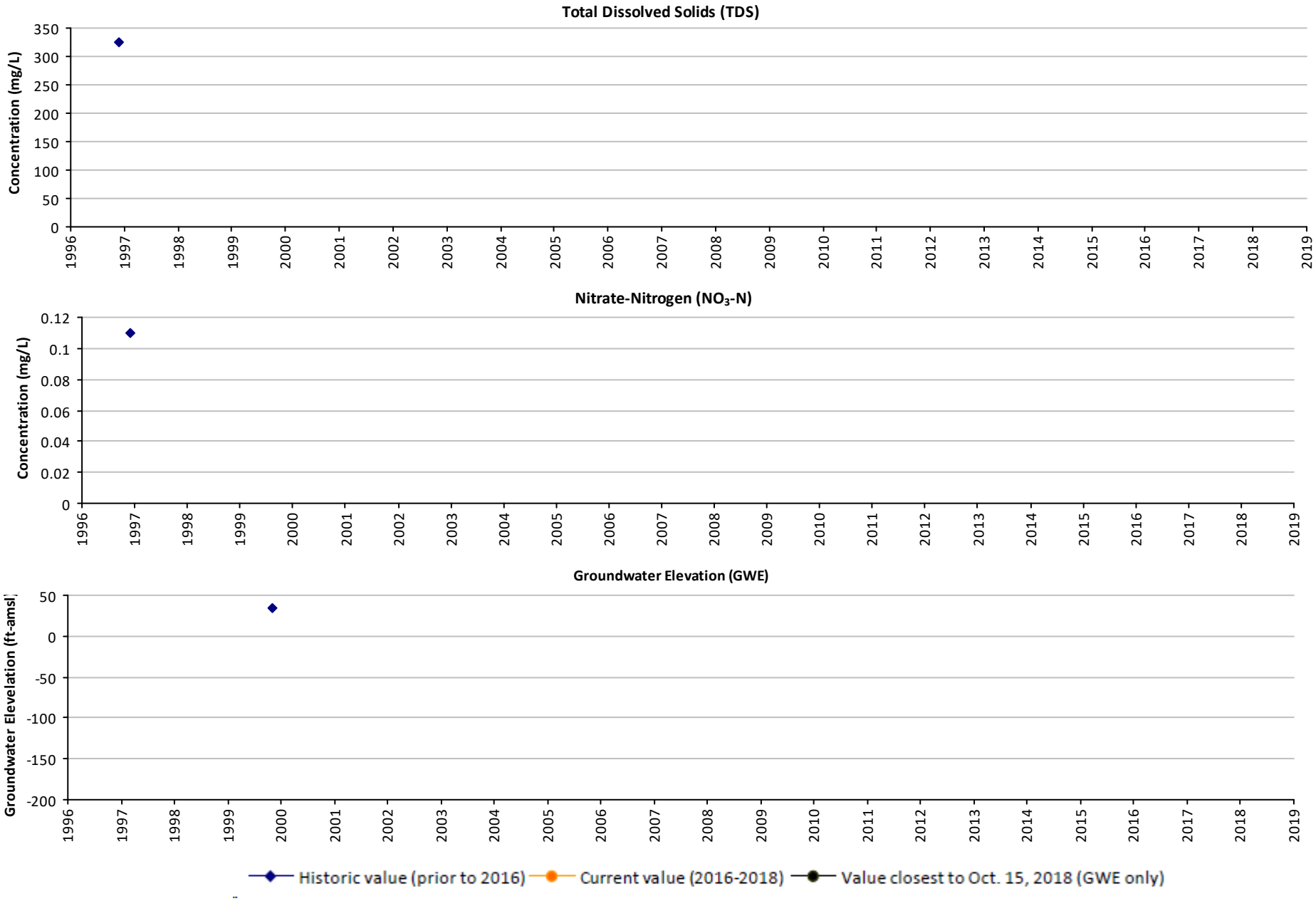

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

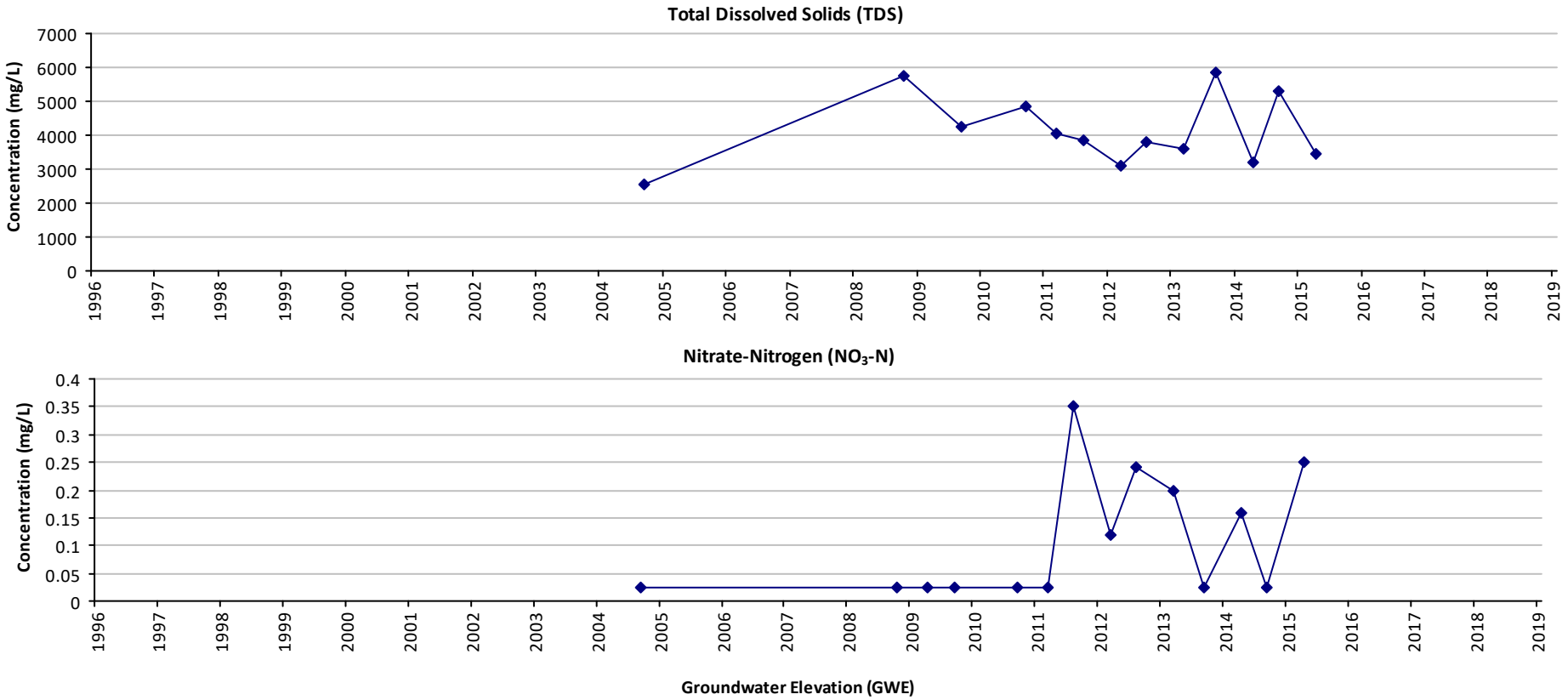

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

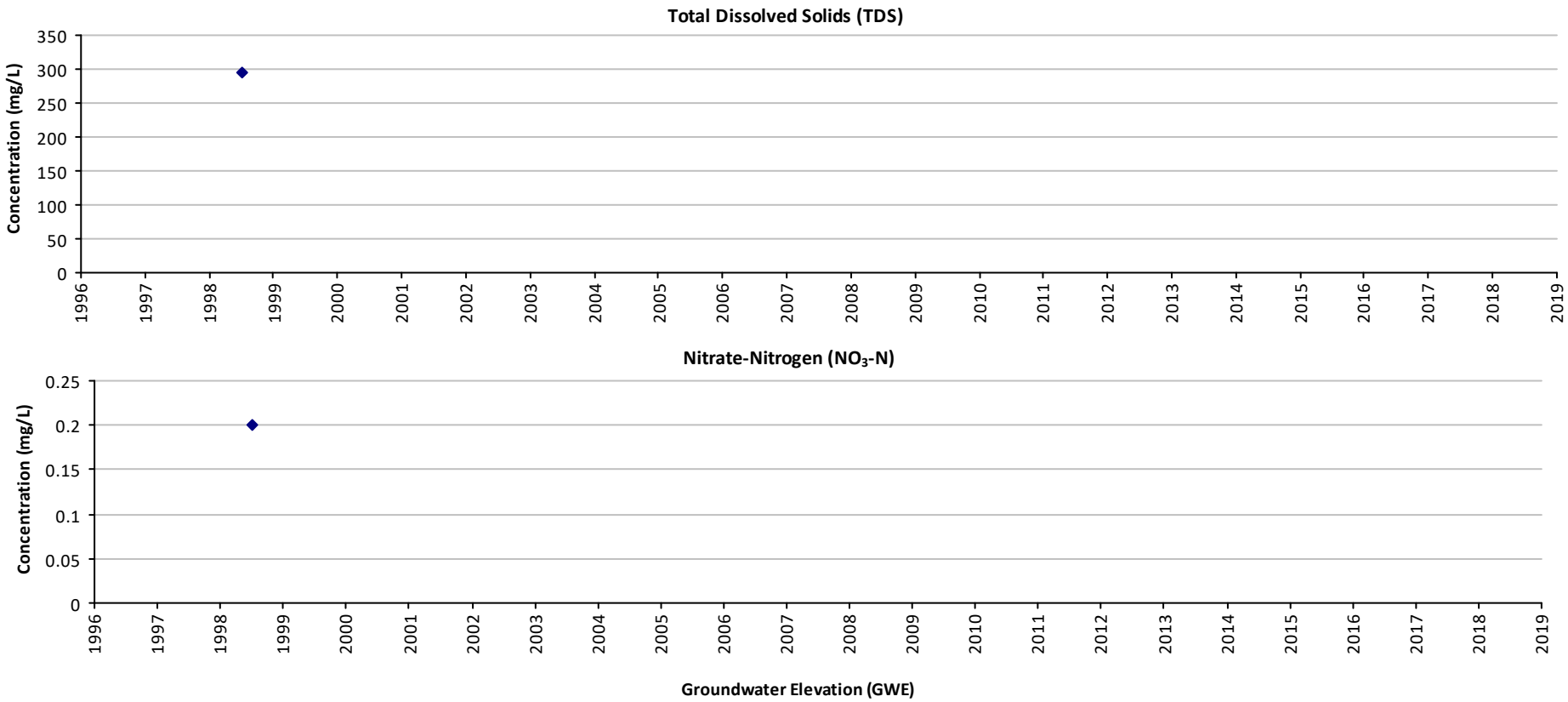

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

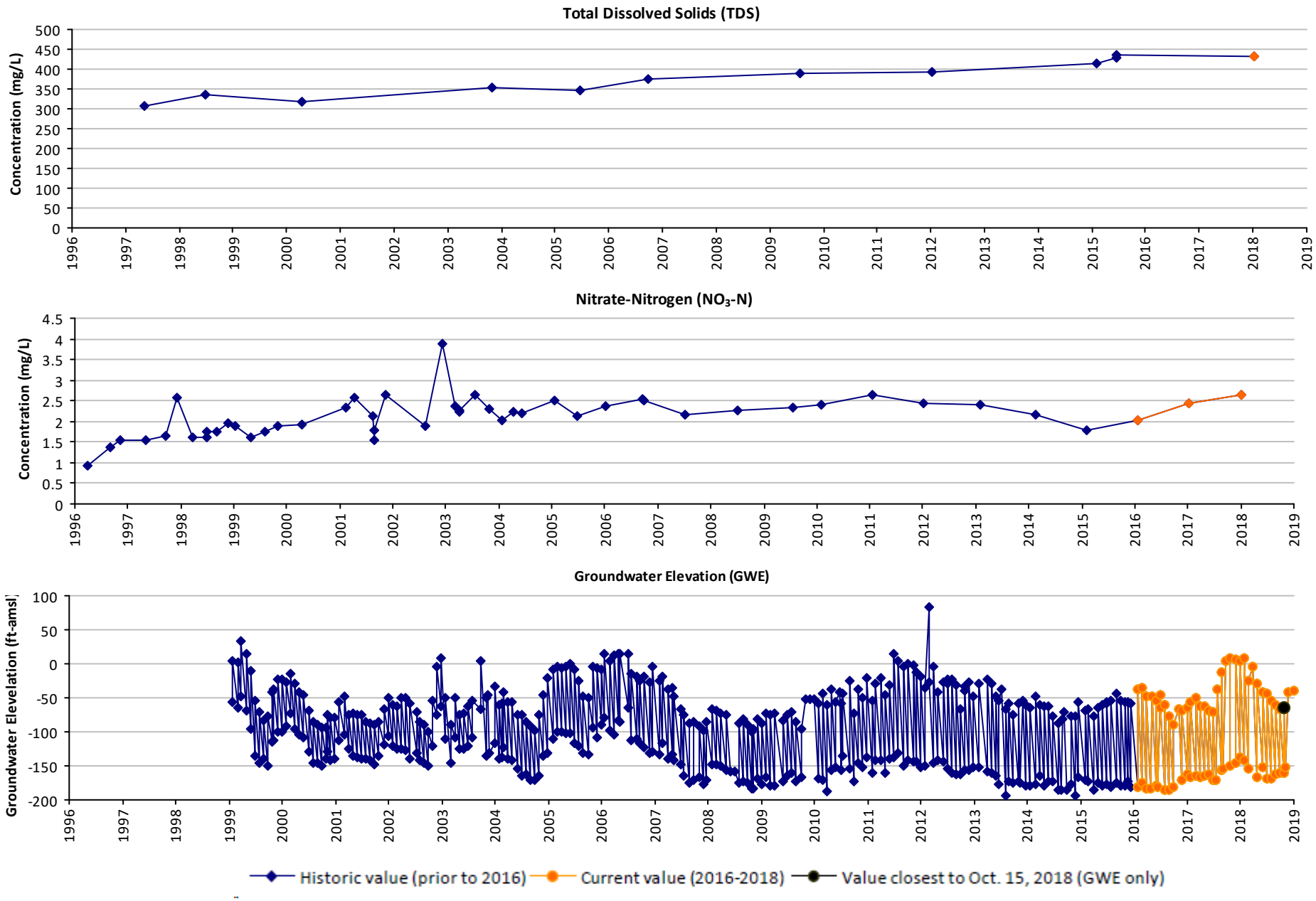

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

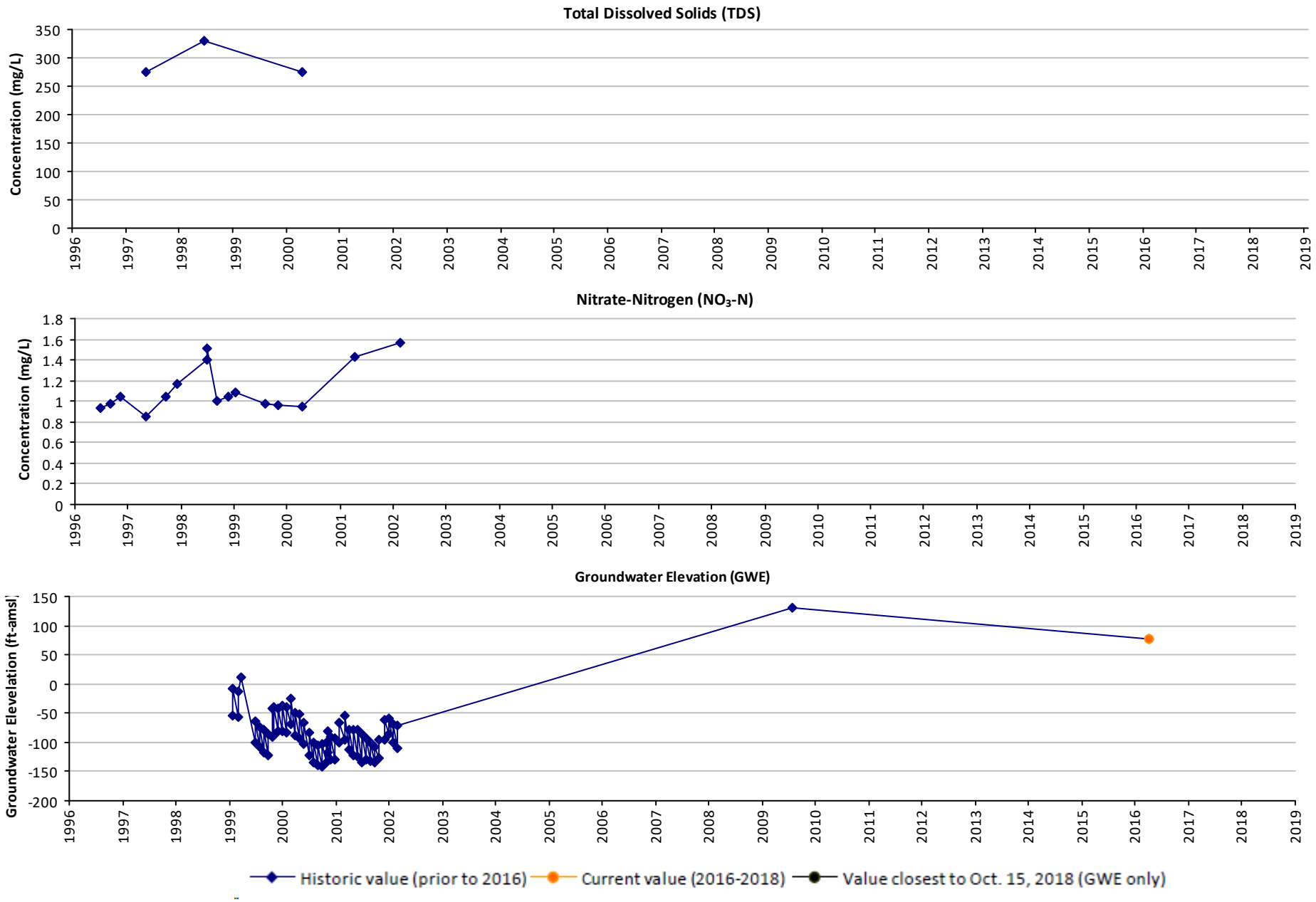

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

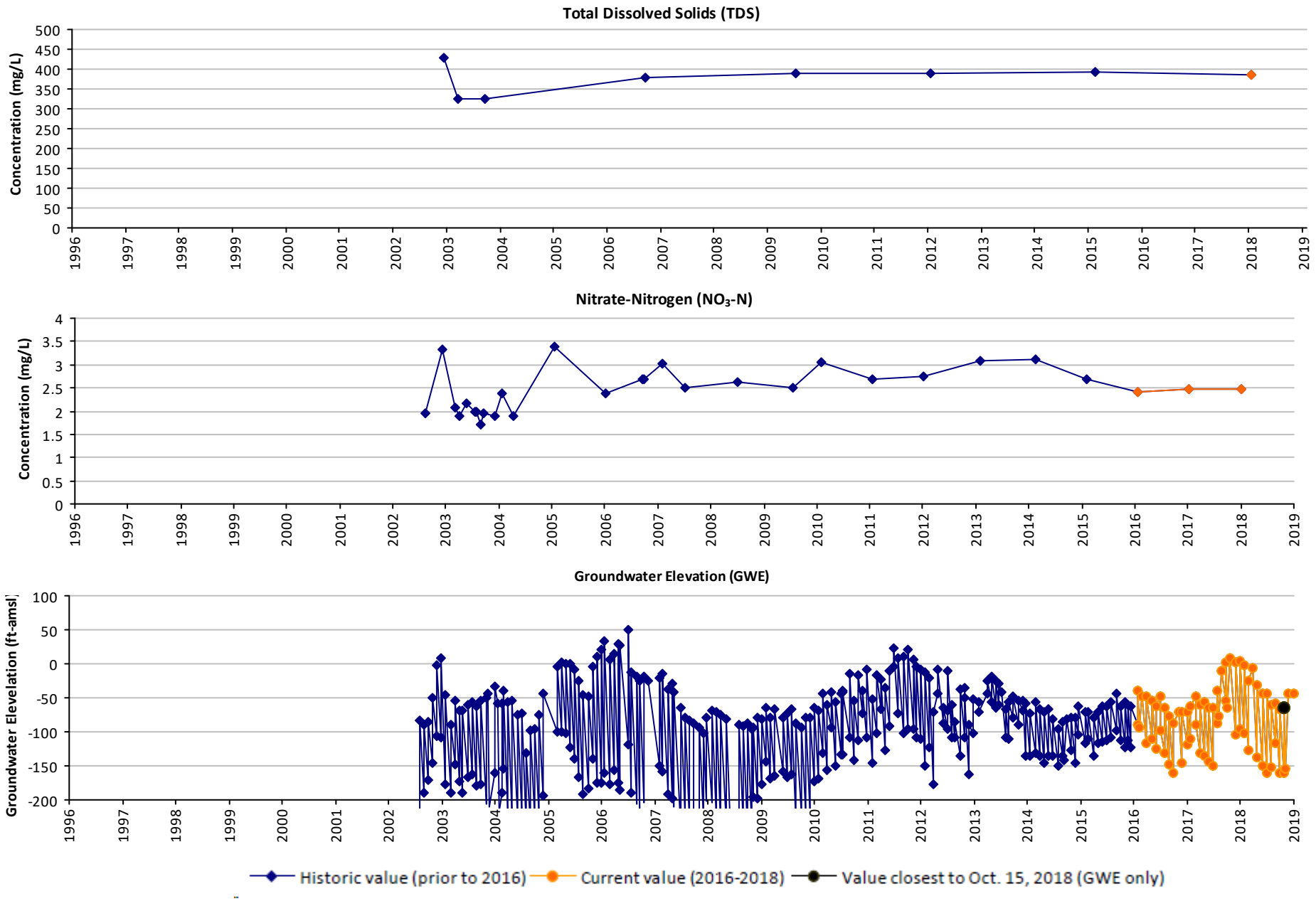

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

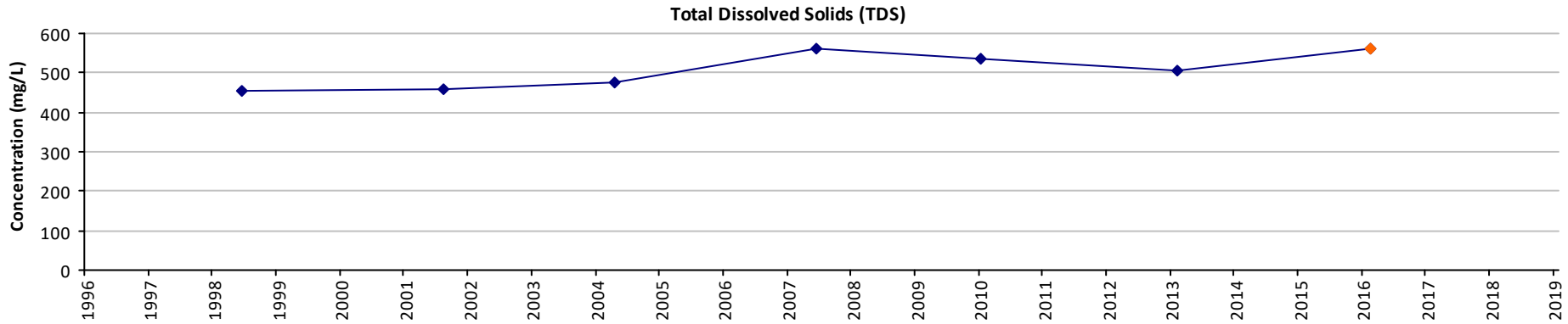

Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

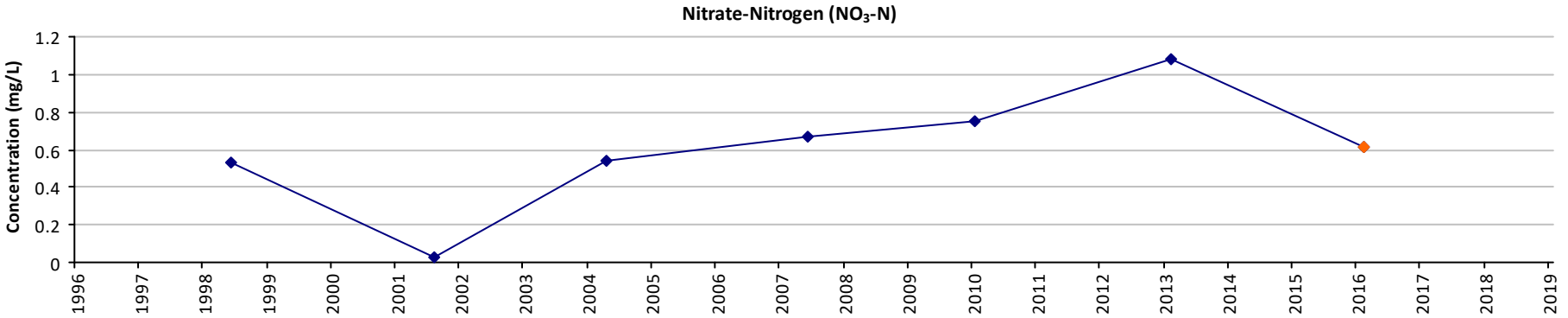

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

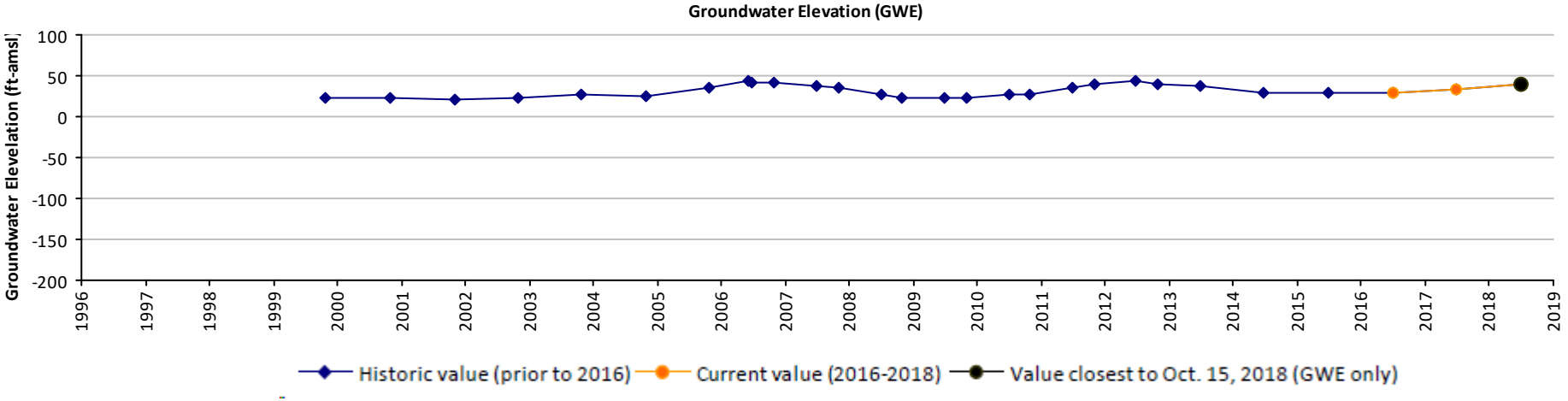

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

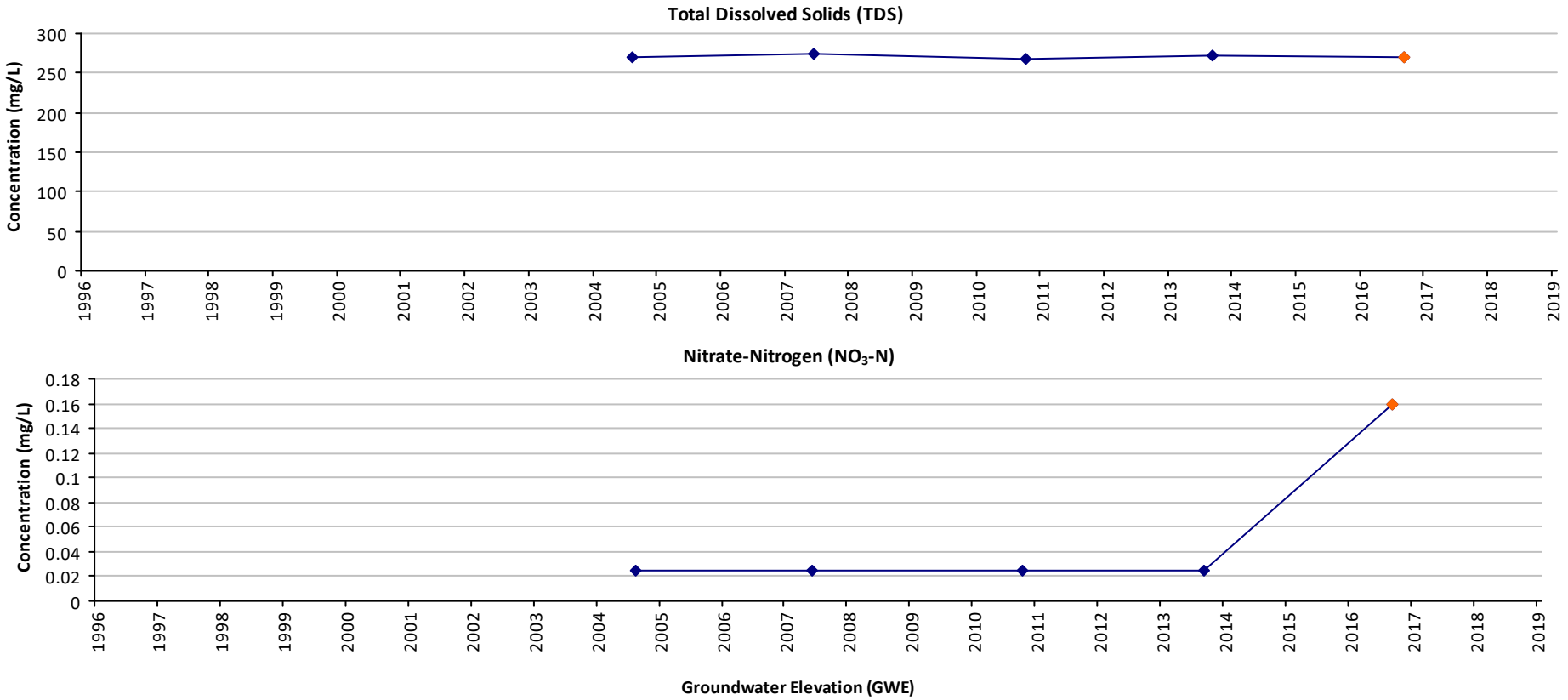

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

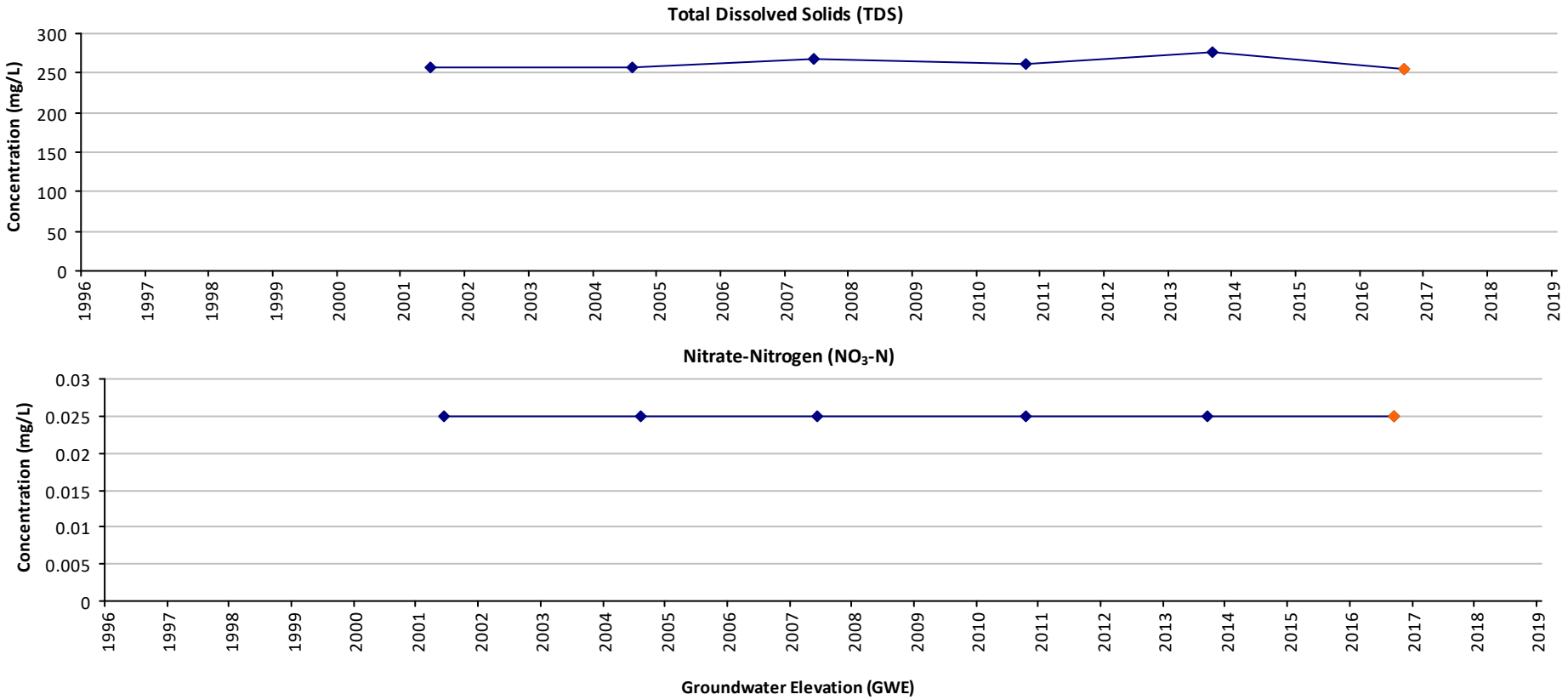

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

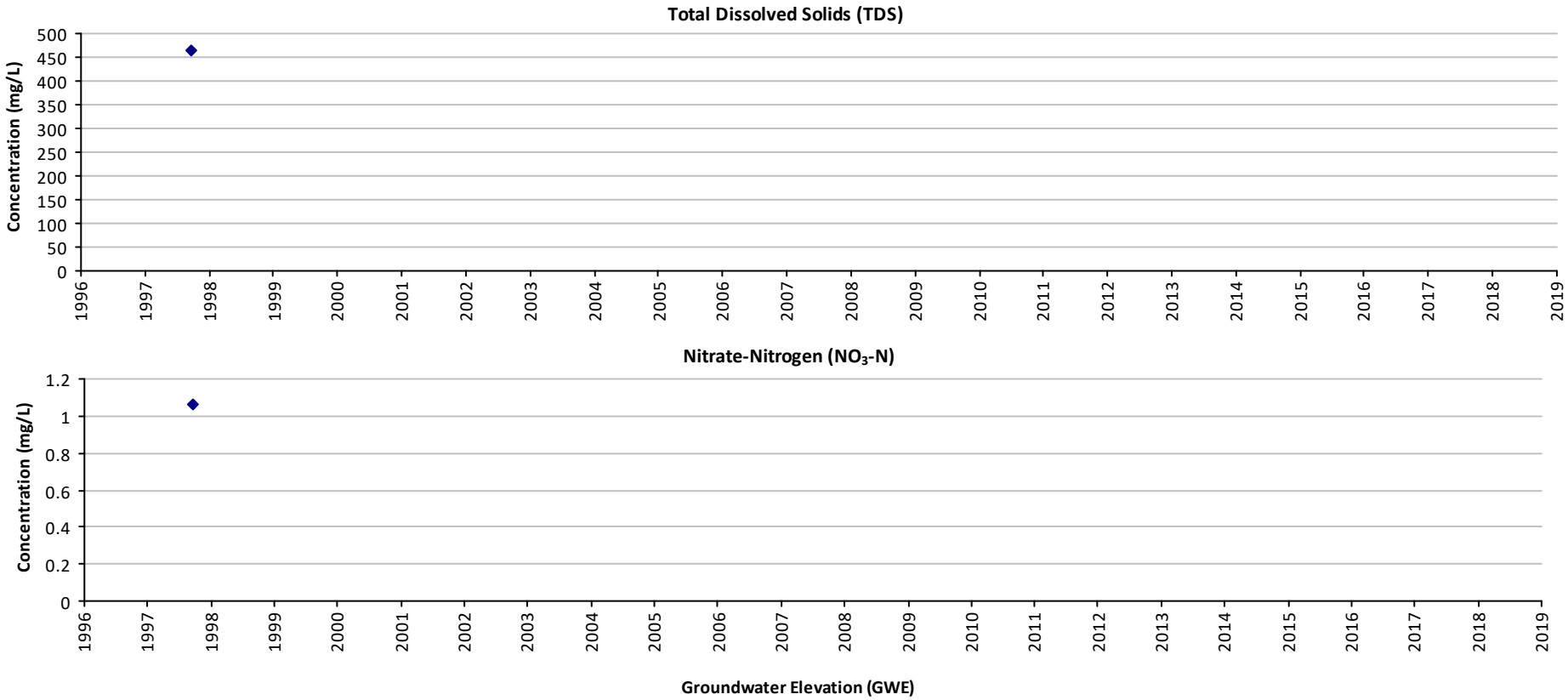

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

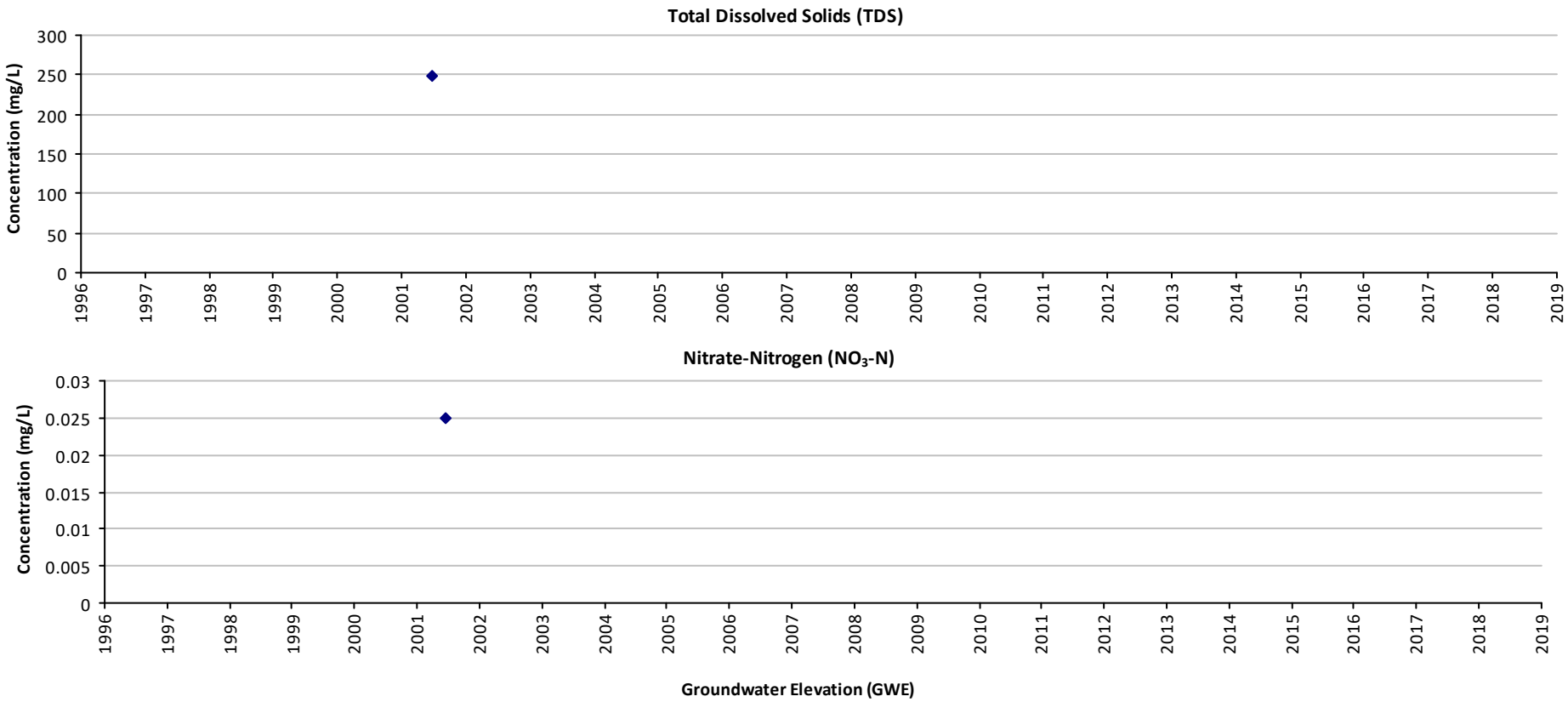

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

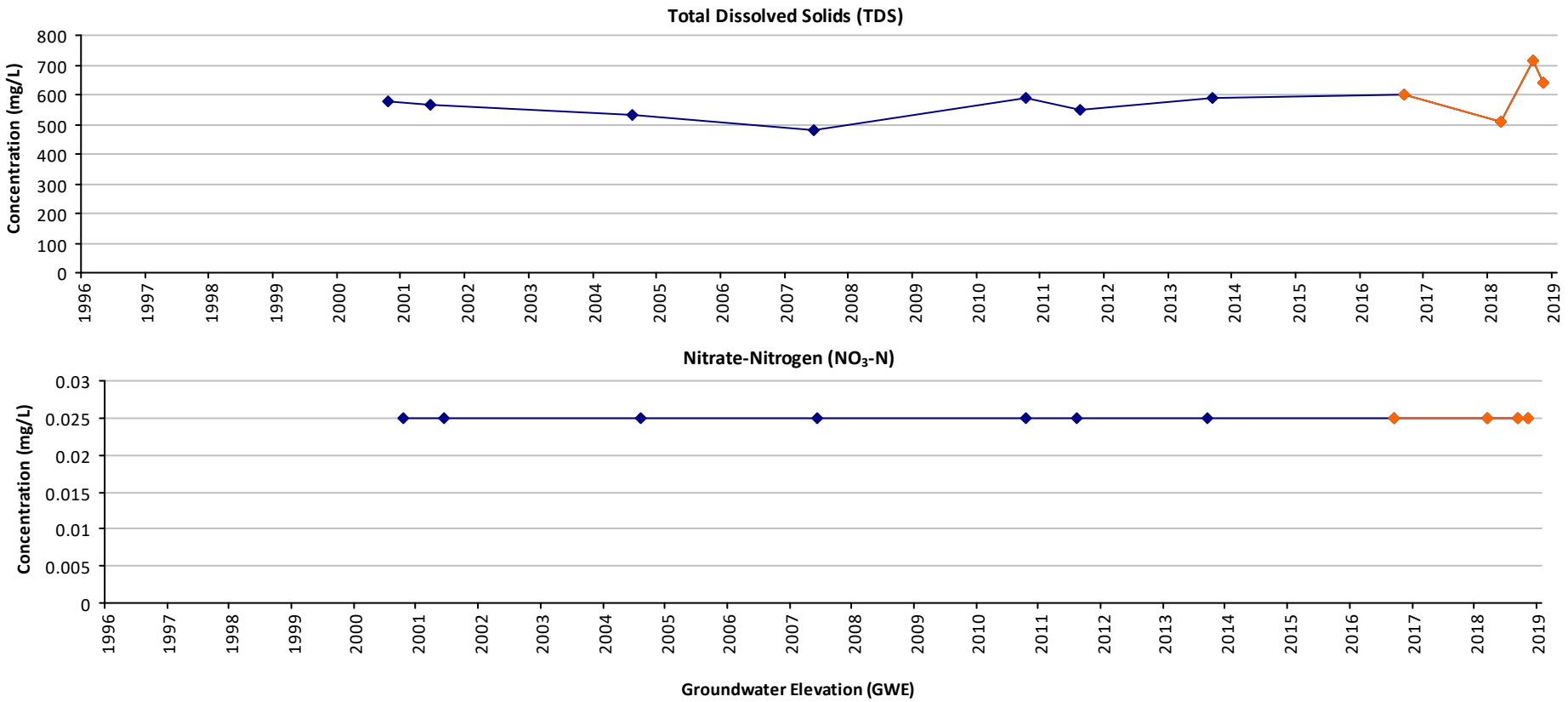

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

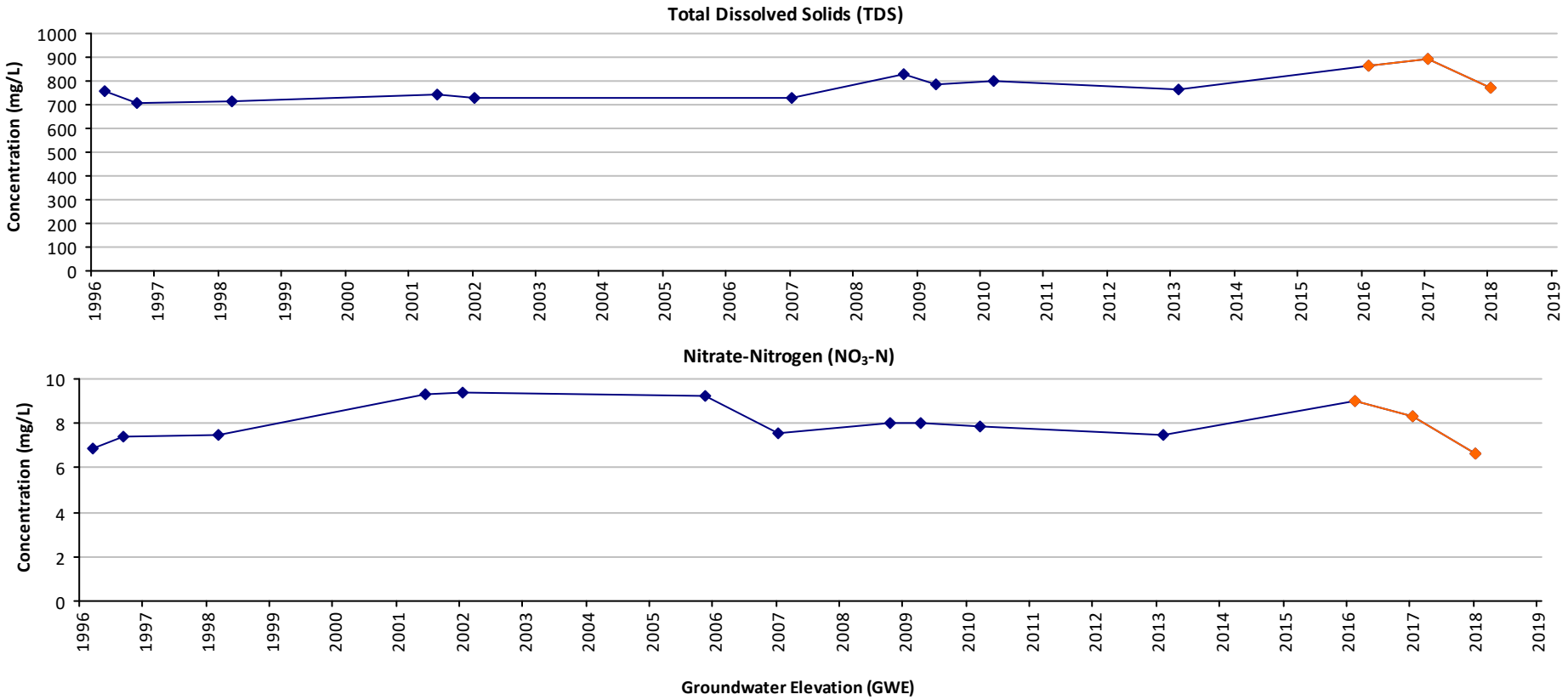

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

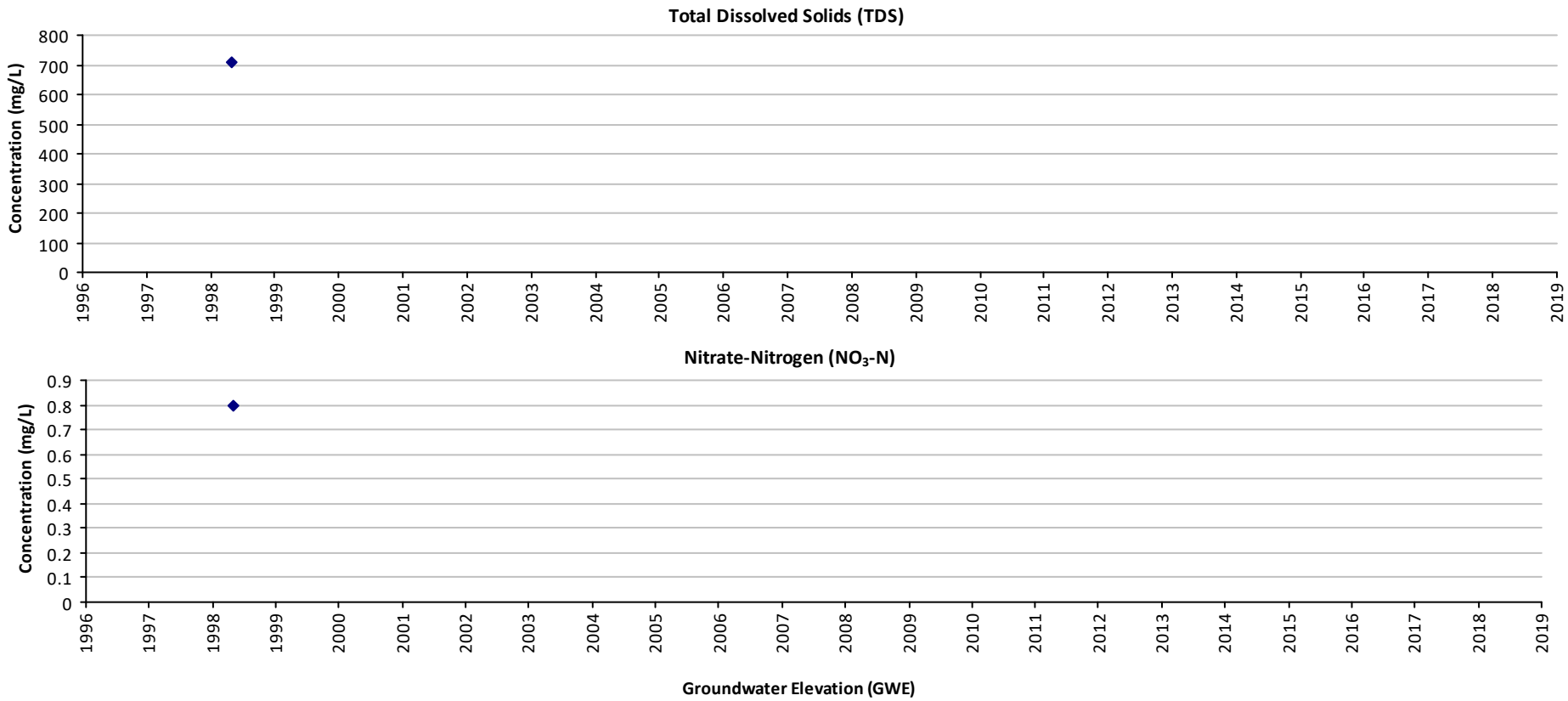

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

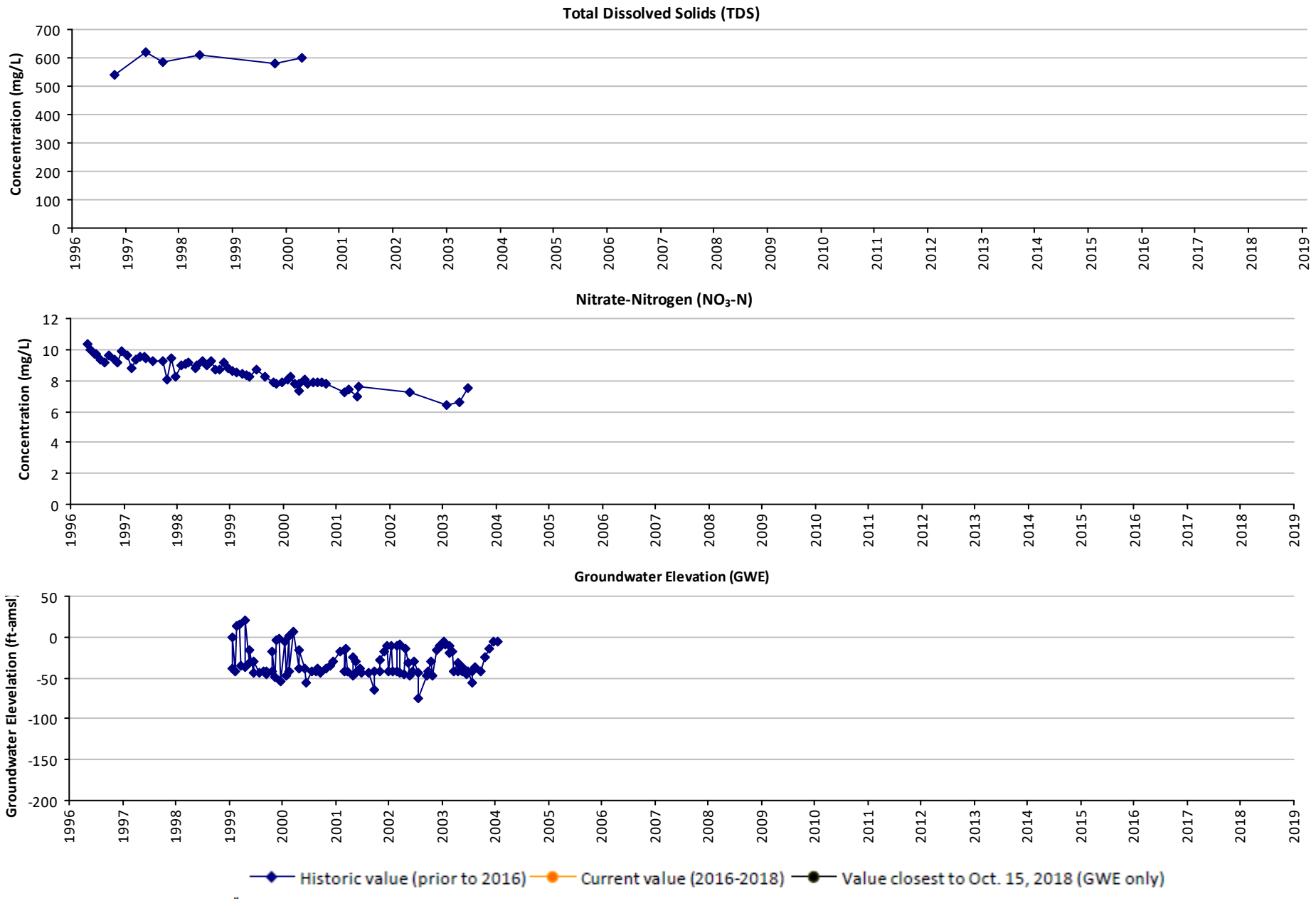

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

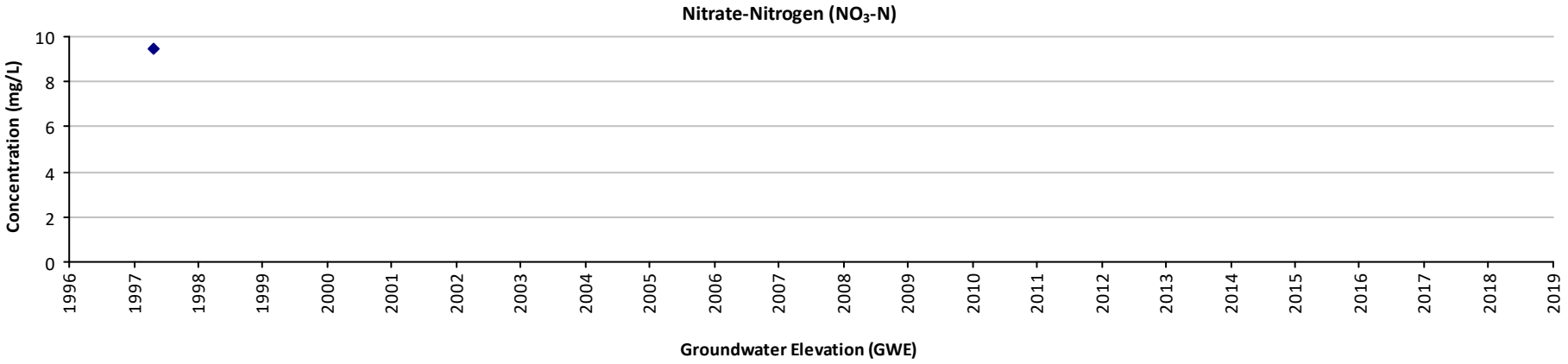

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

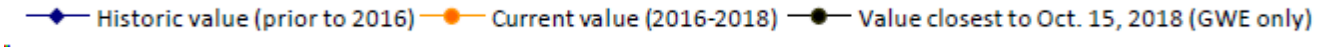

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

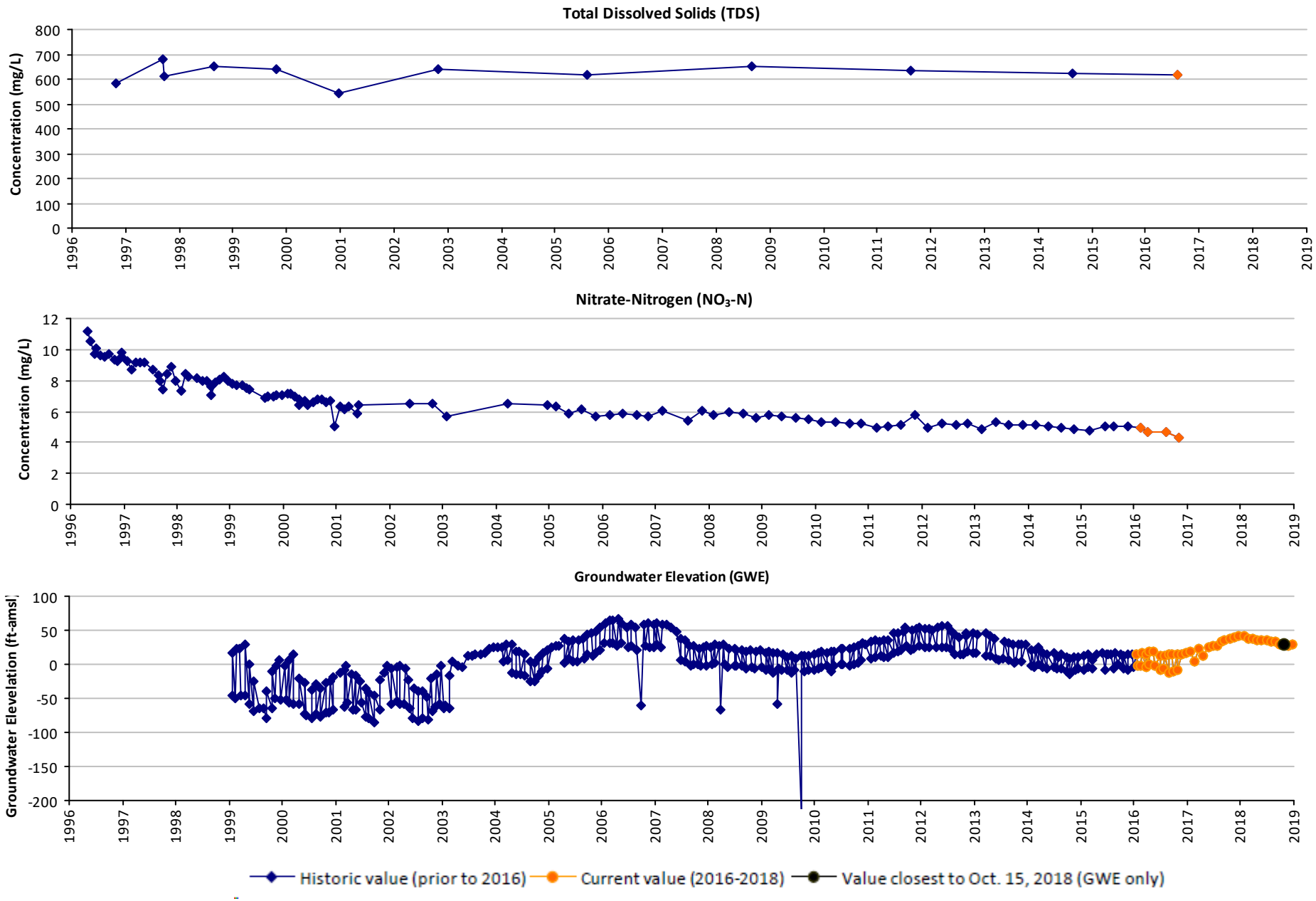

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

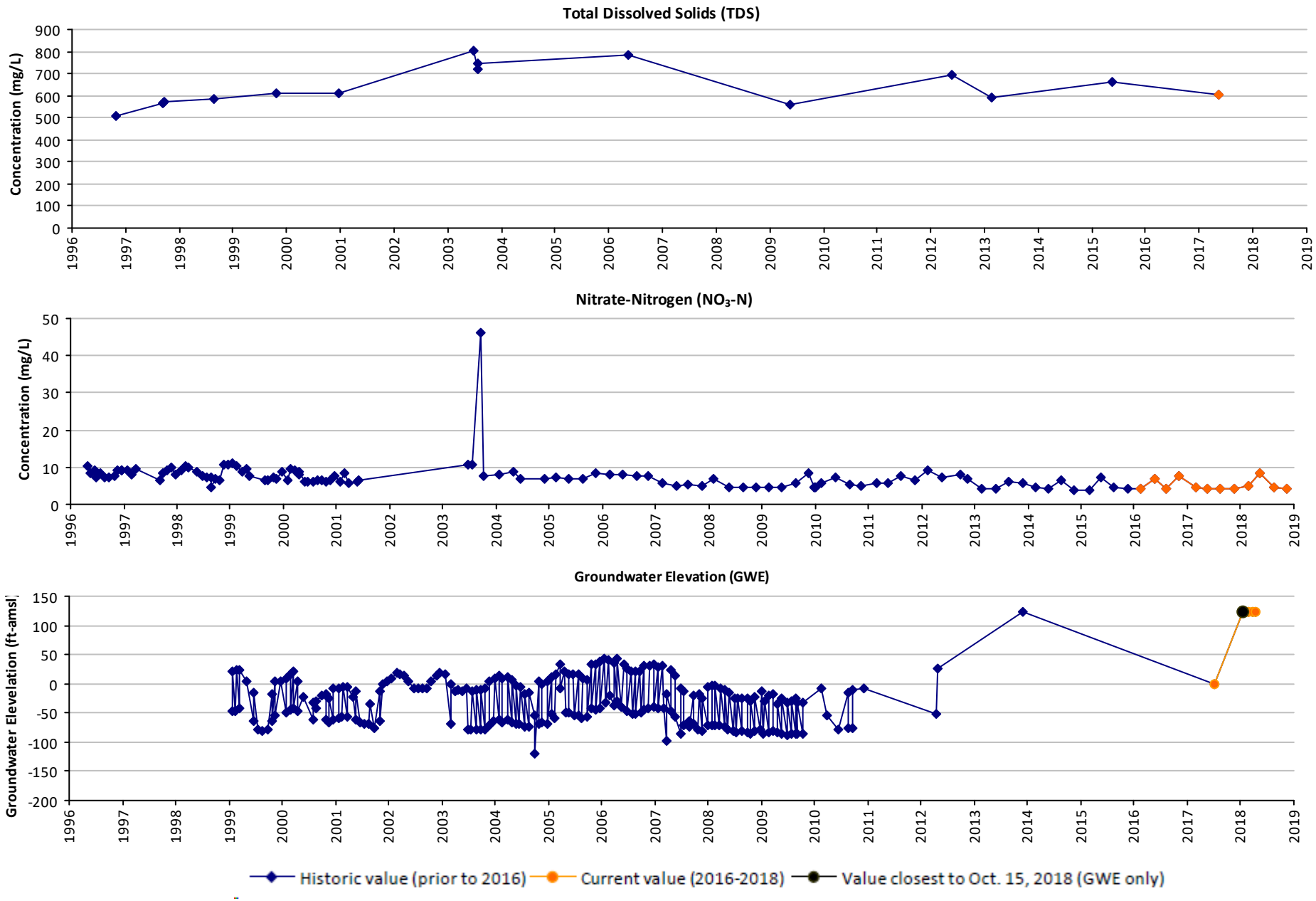

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

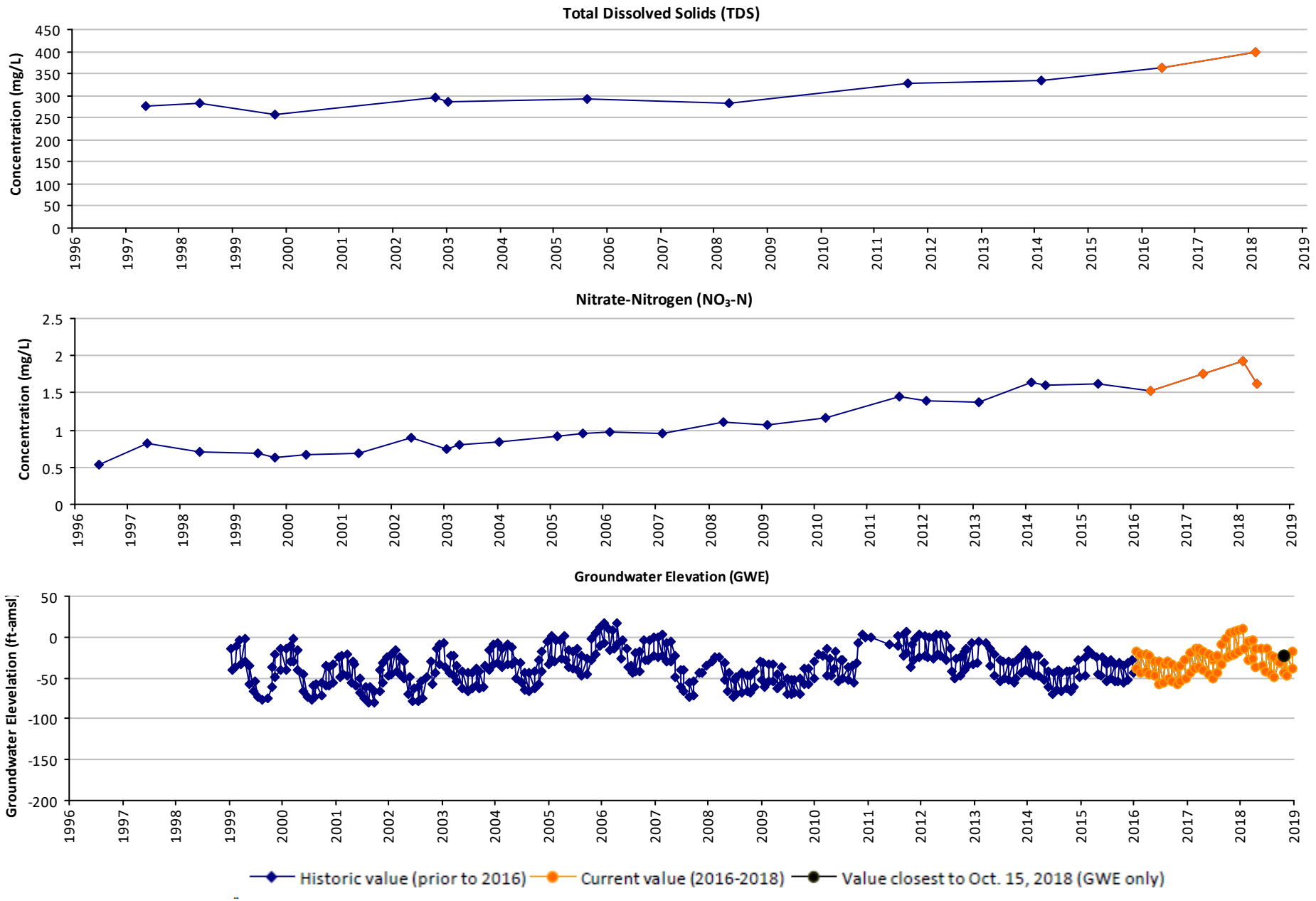
Total Dissolved Solids (TDS)

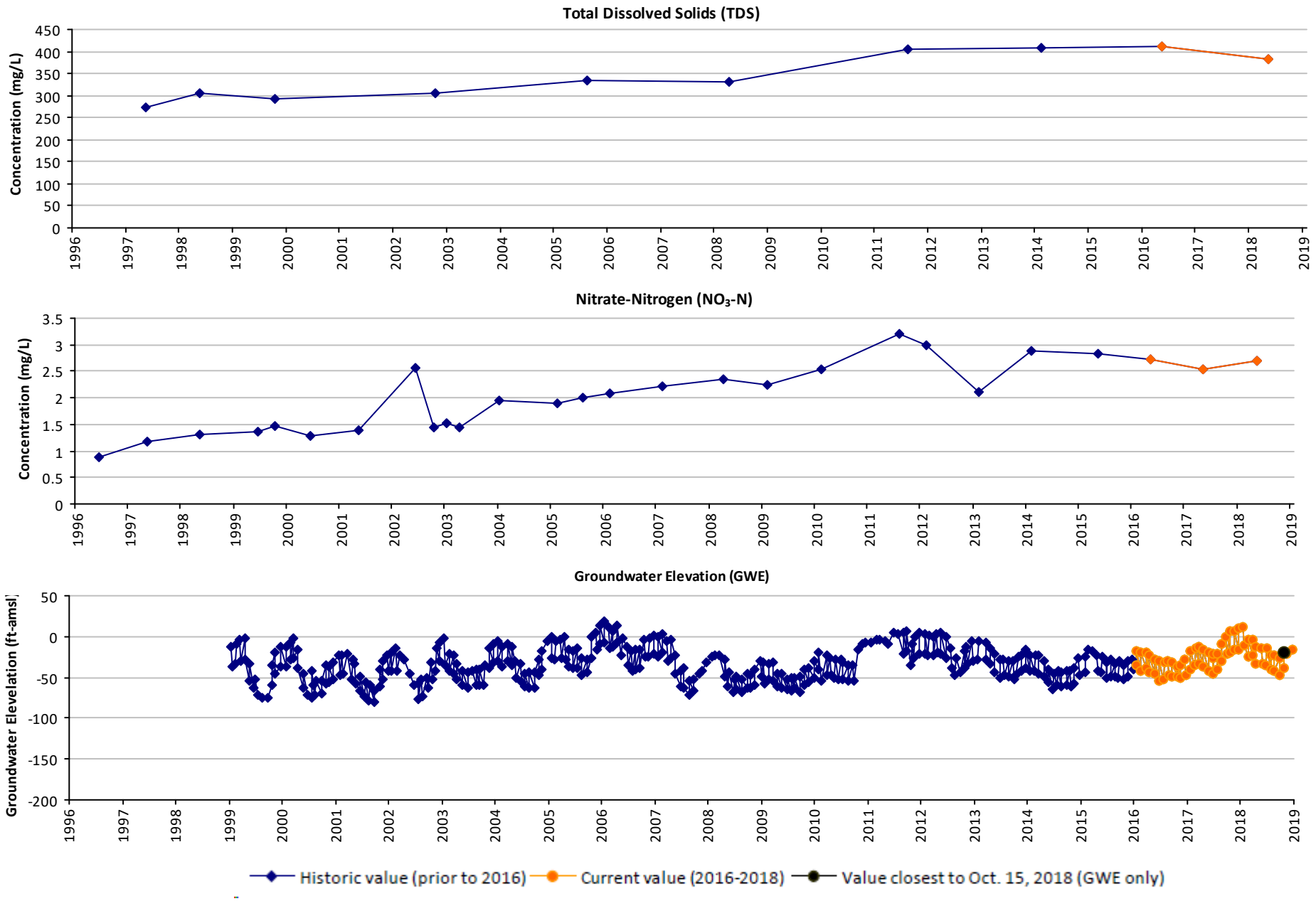





Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

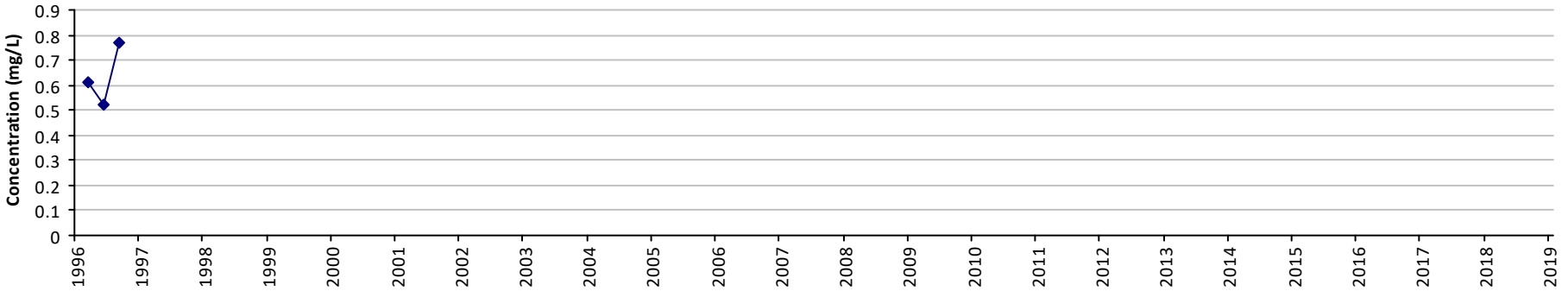

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

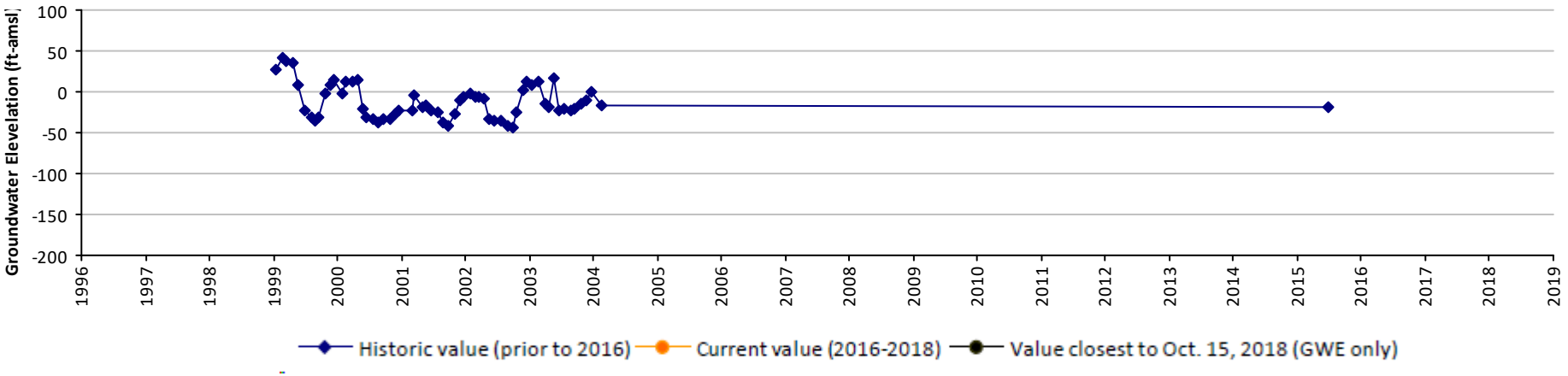

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

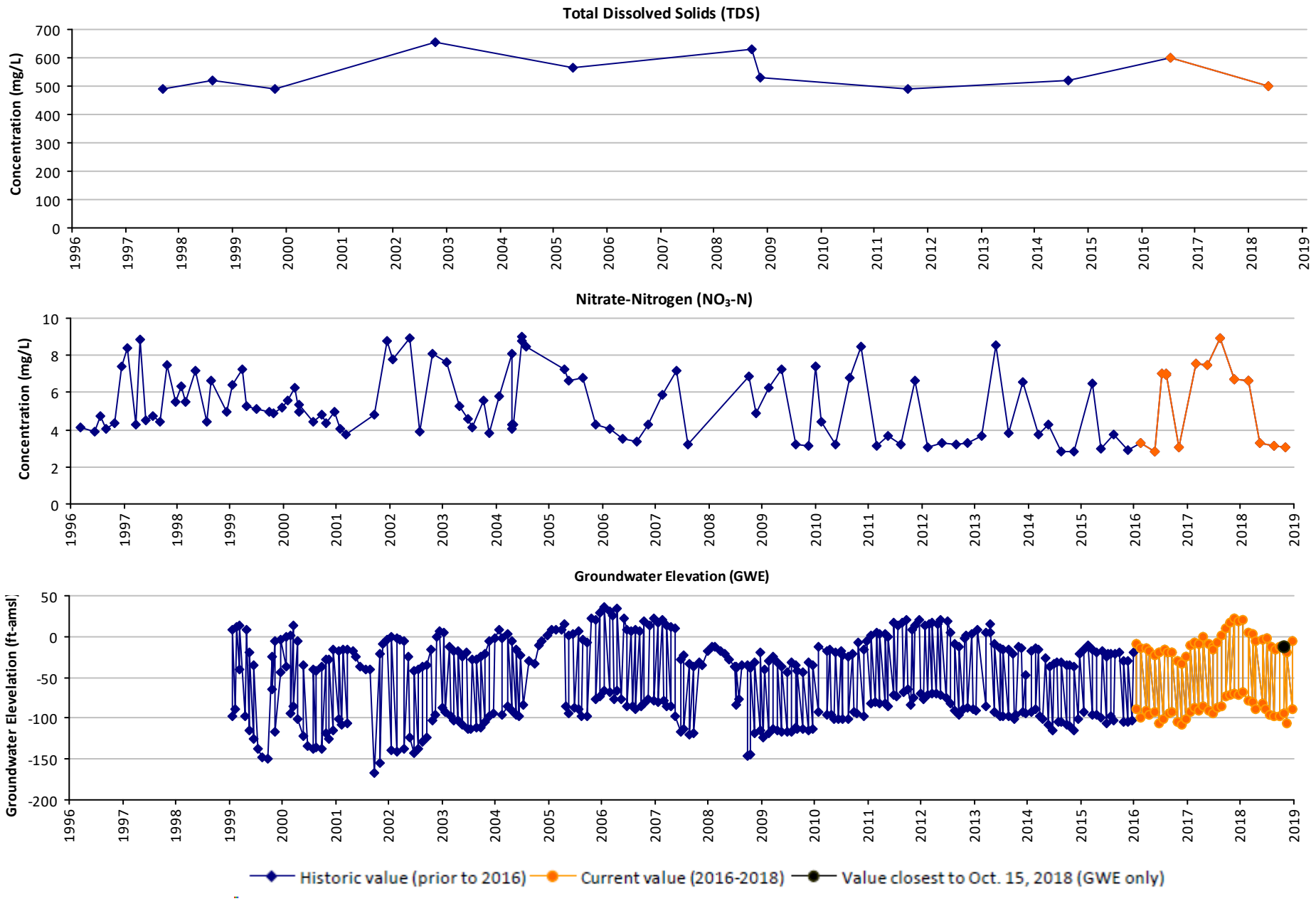
Total Dissolved Solids (TDS)

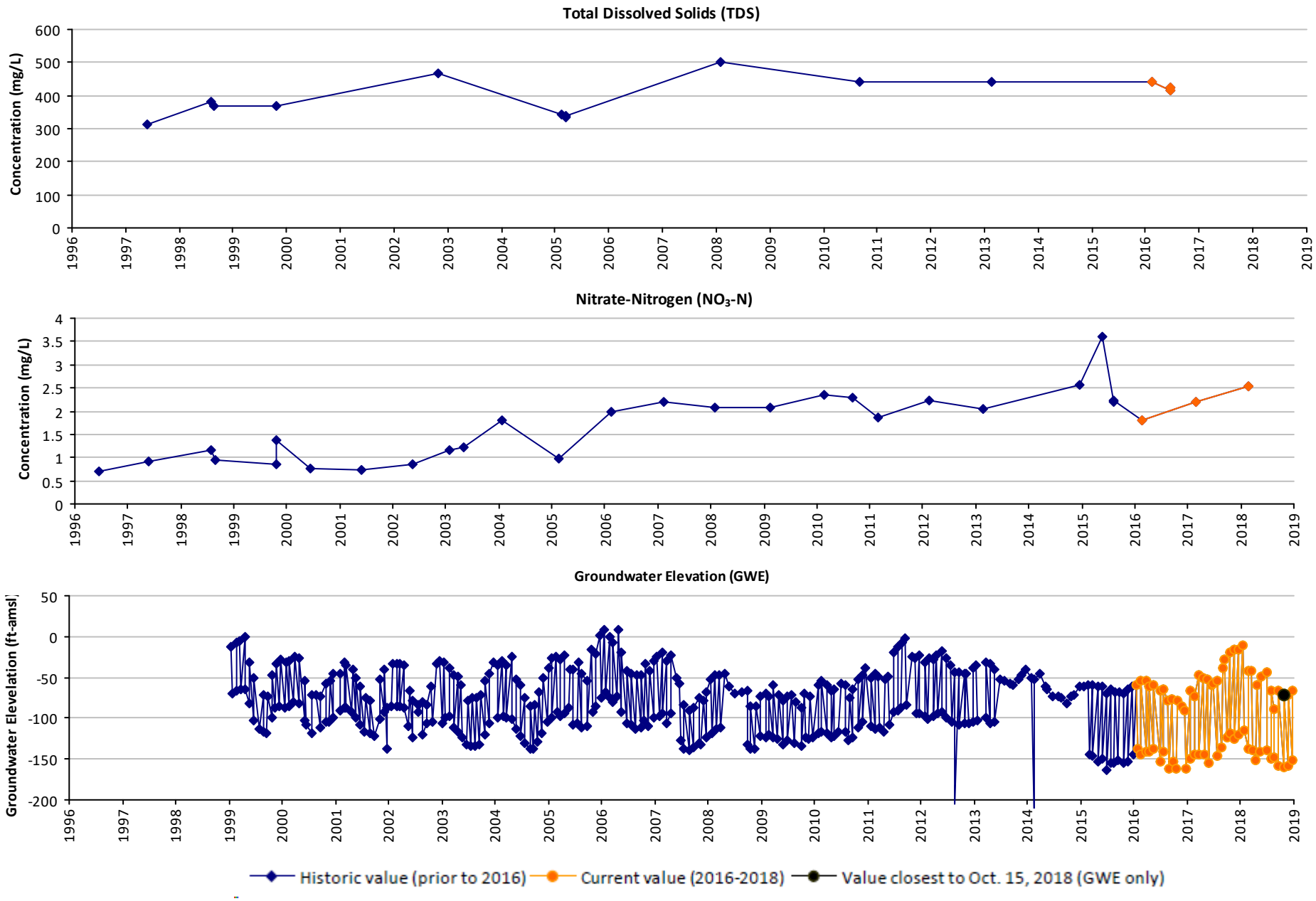
Nitrate-Nitrogen (NO_3-N)

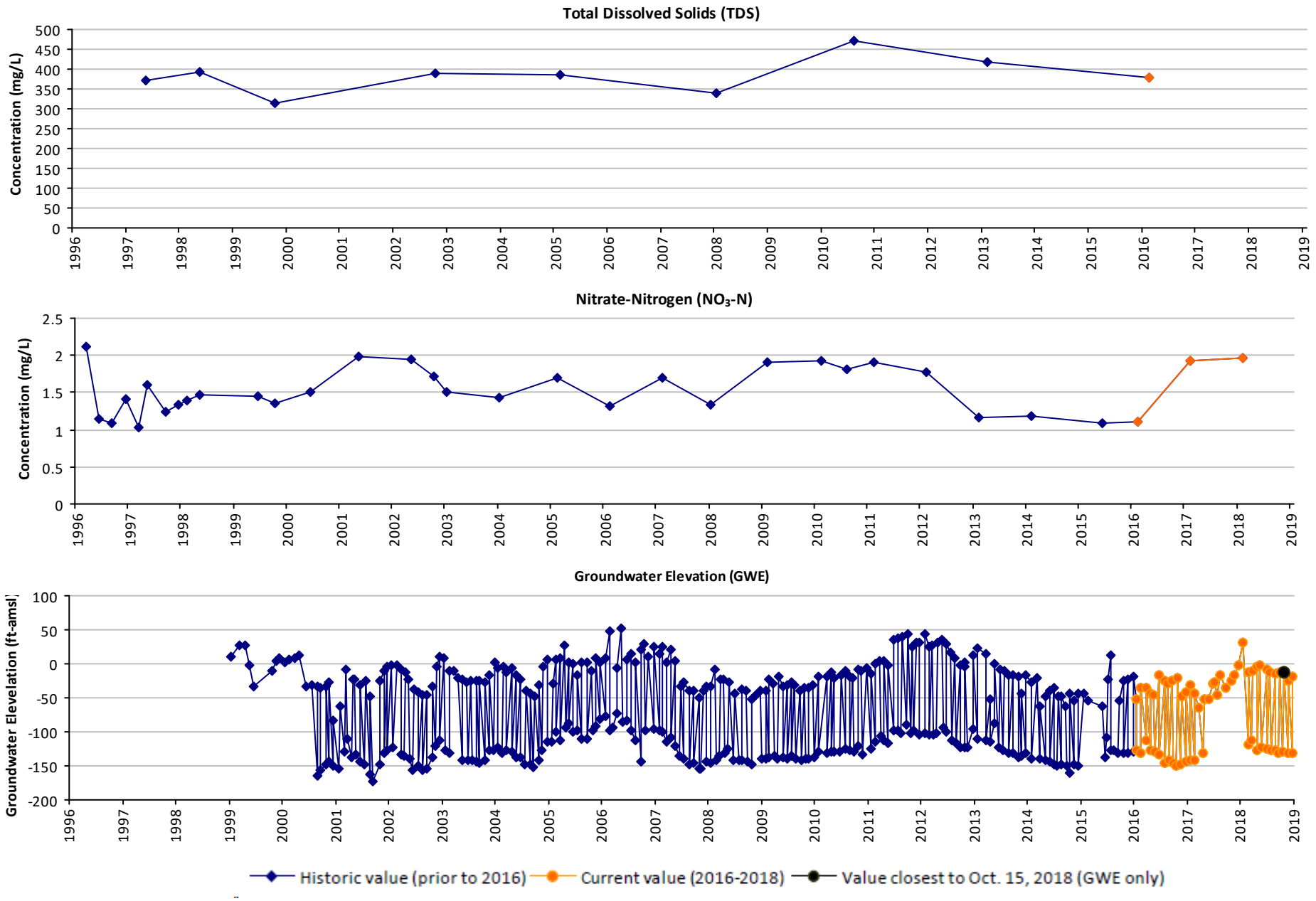


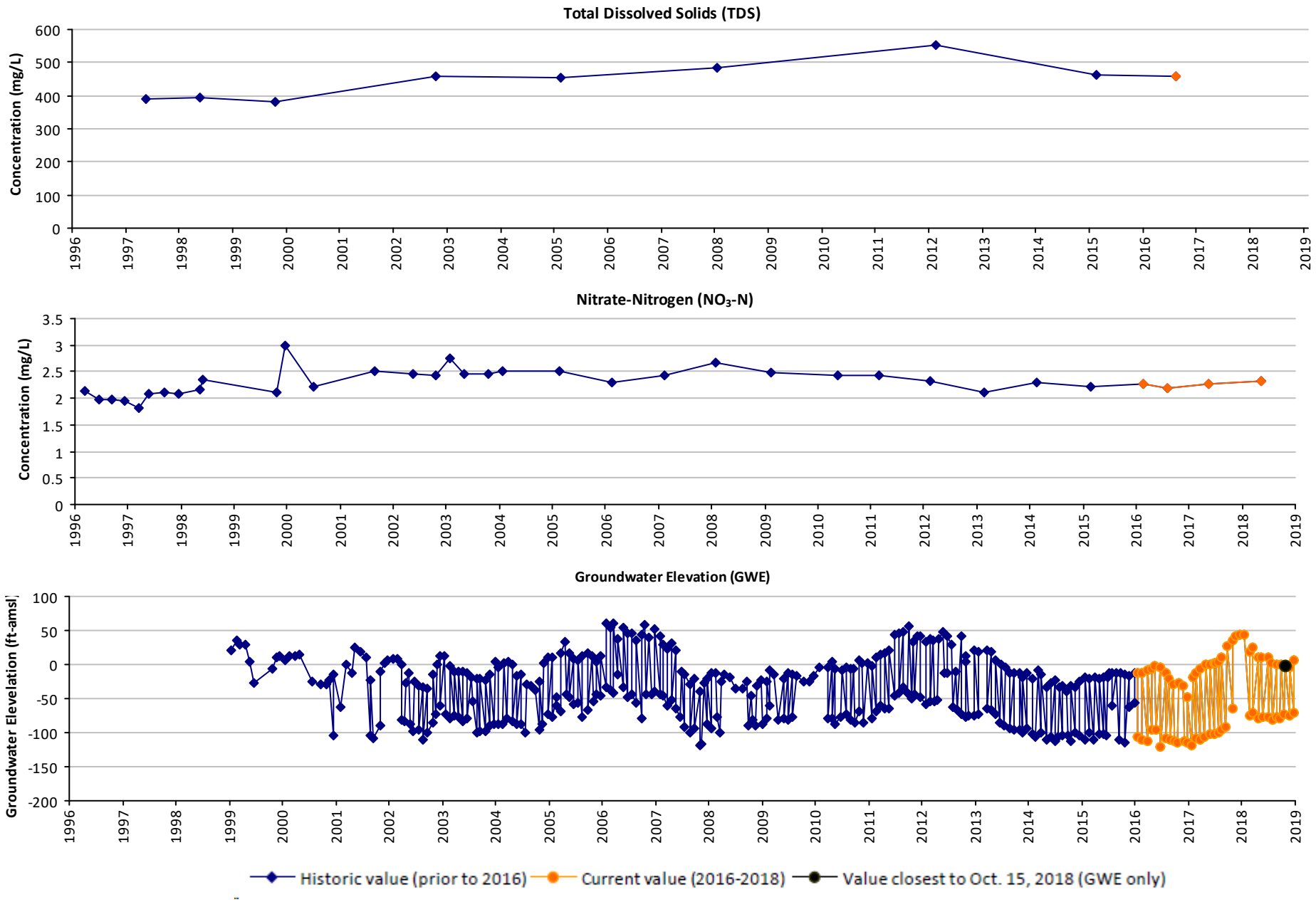
Groundwater Elevation (GWE)

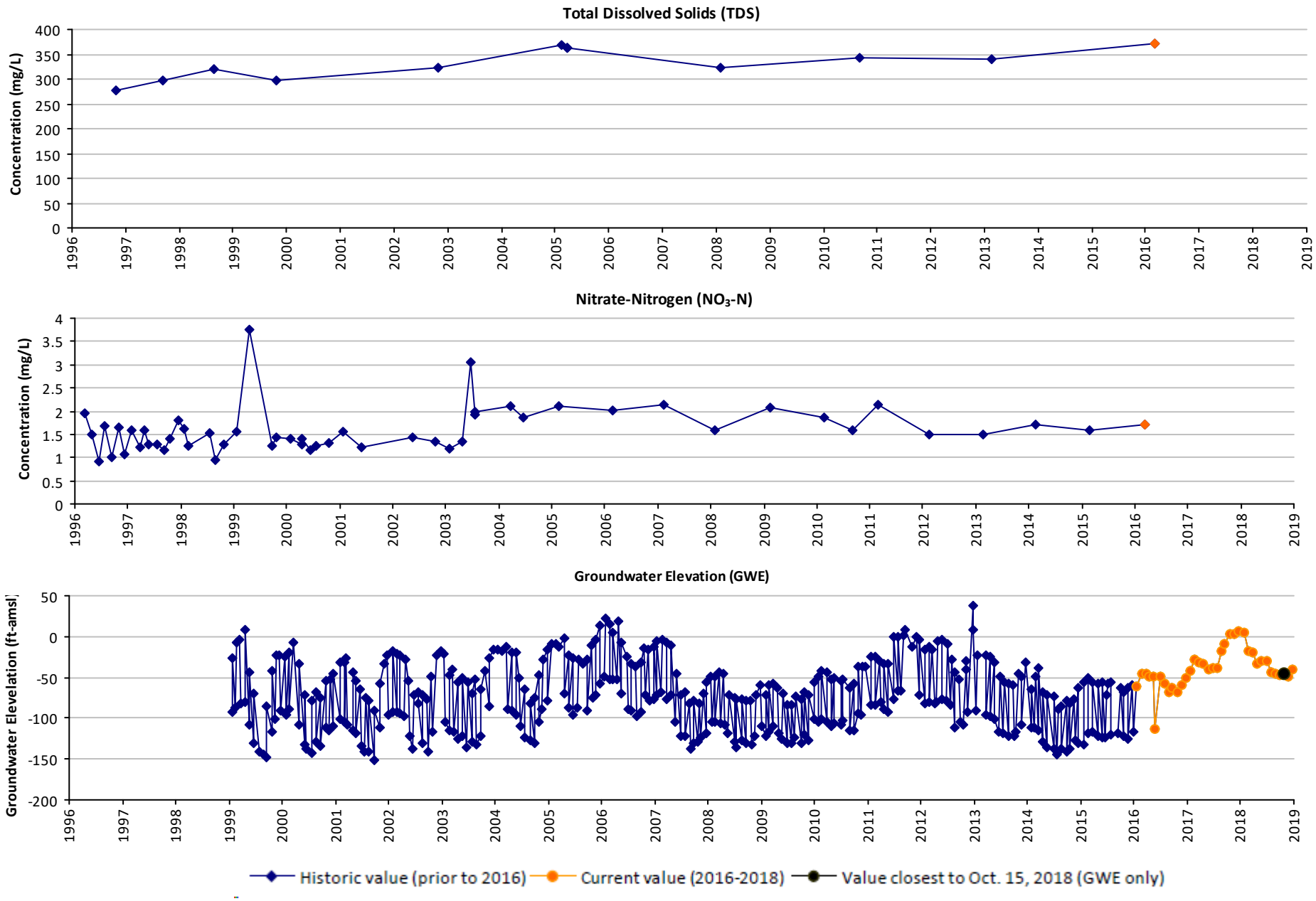


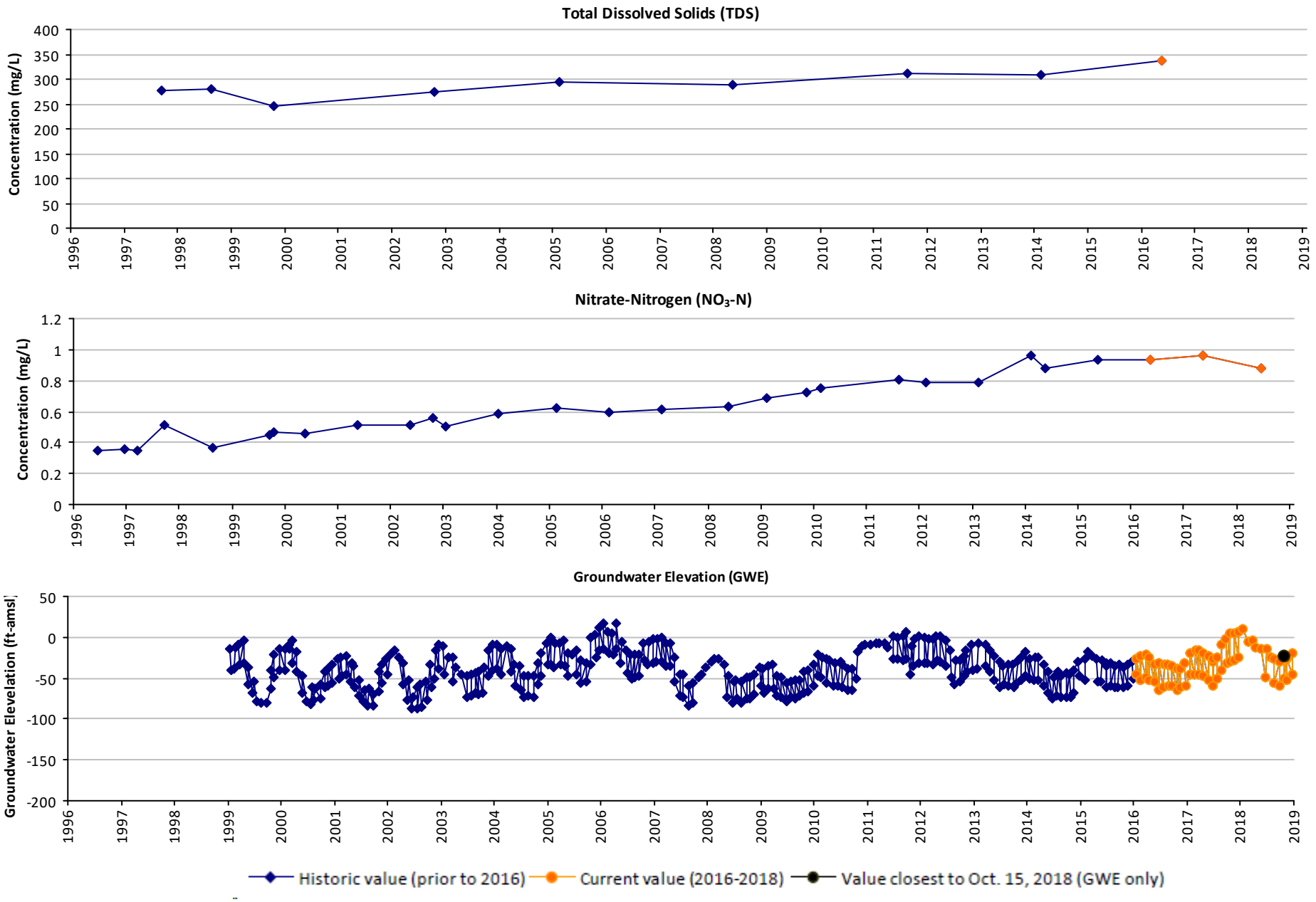

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

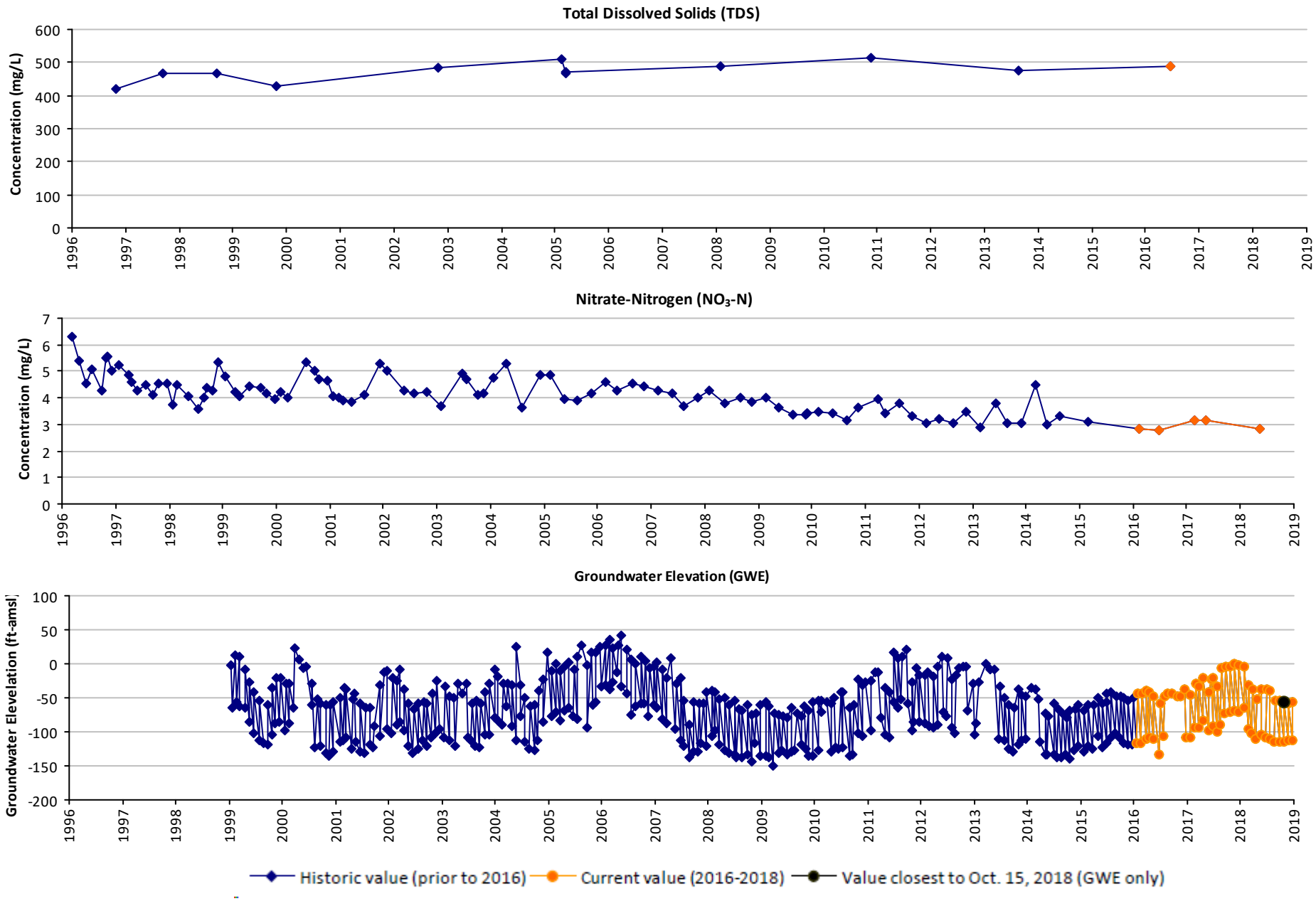

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

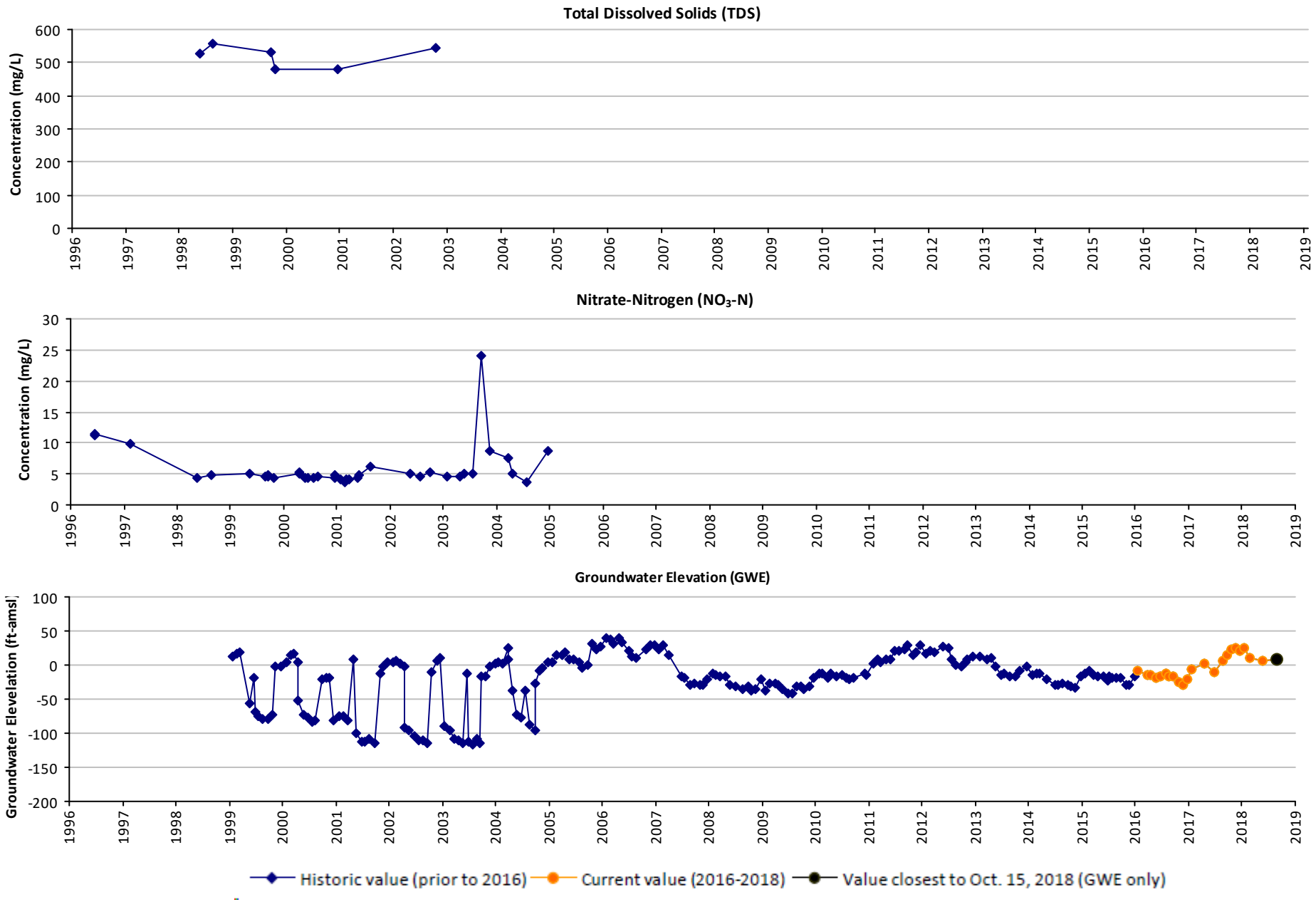

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

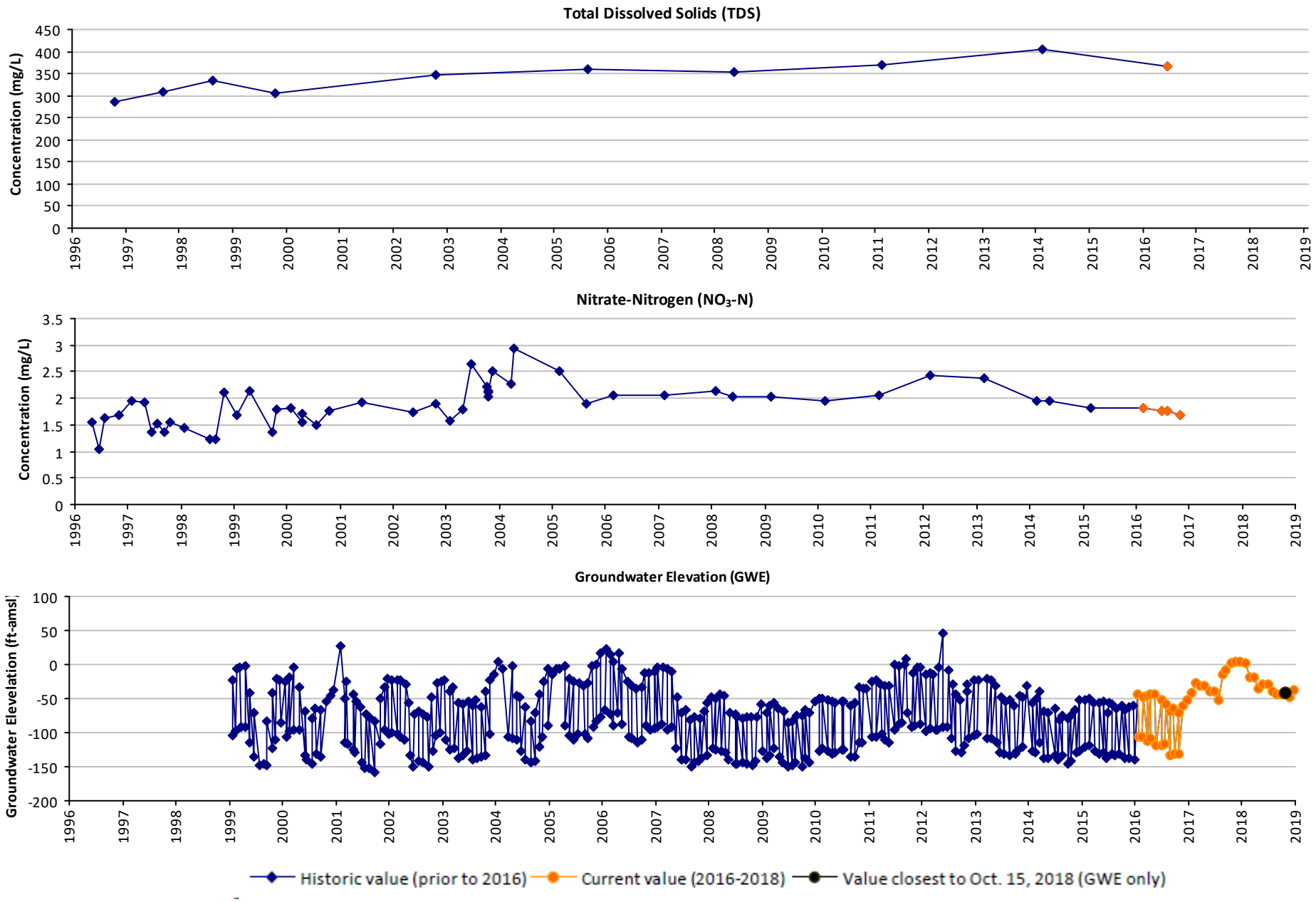

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

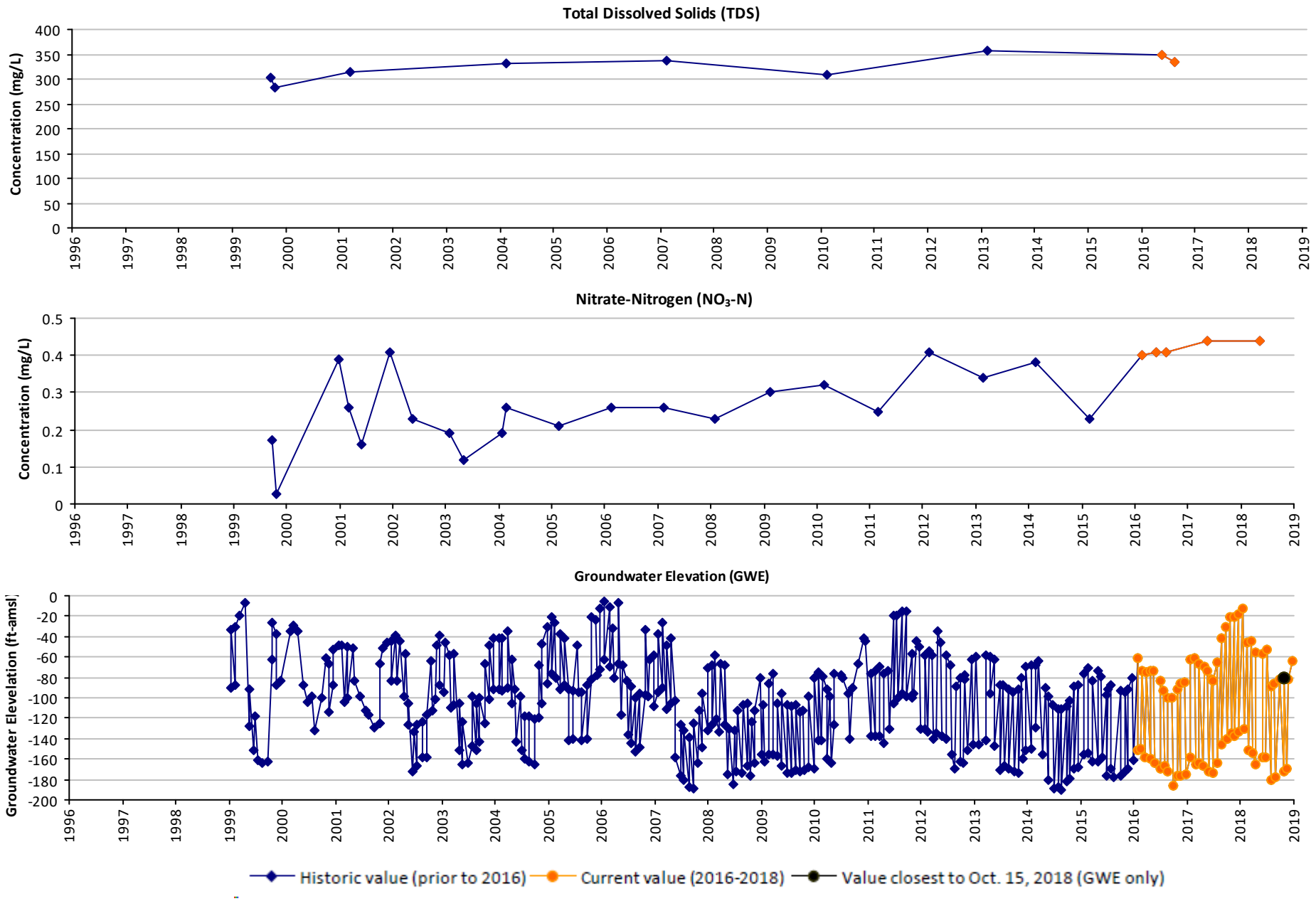

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

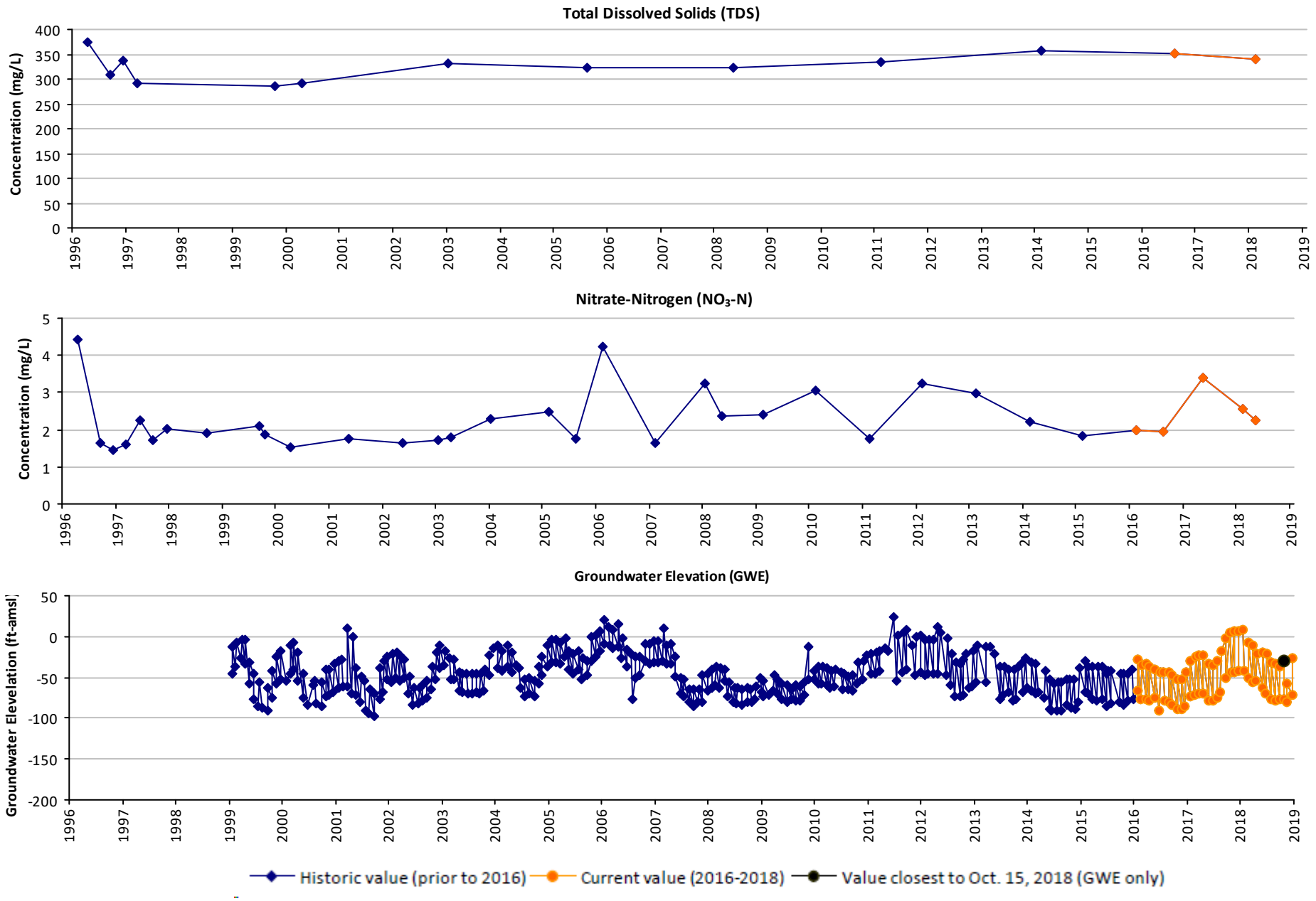

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

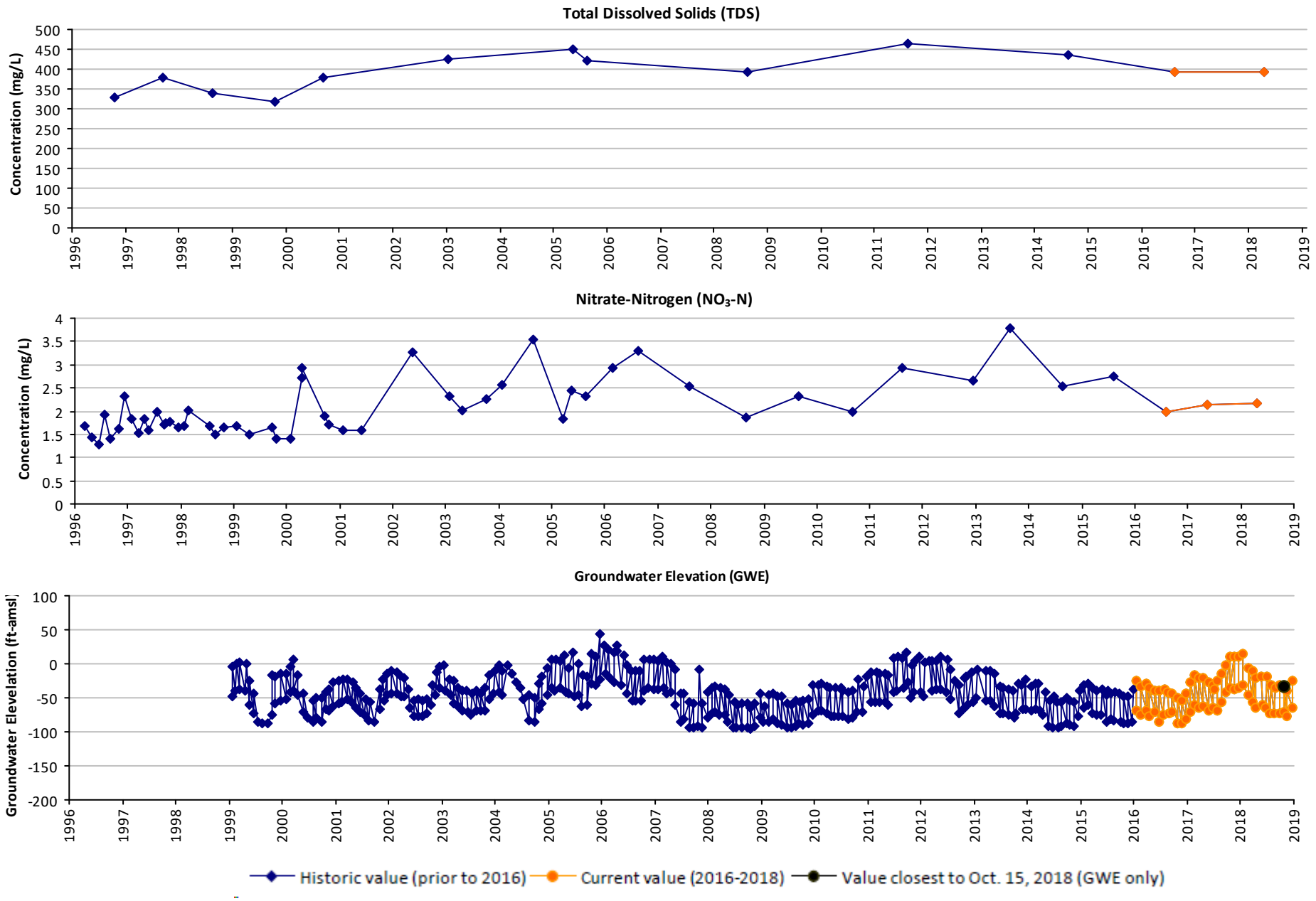

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

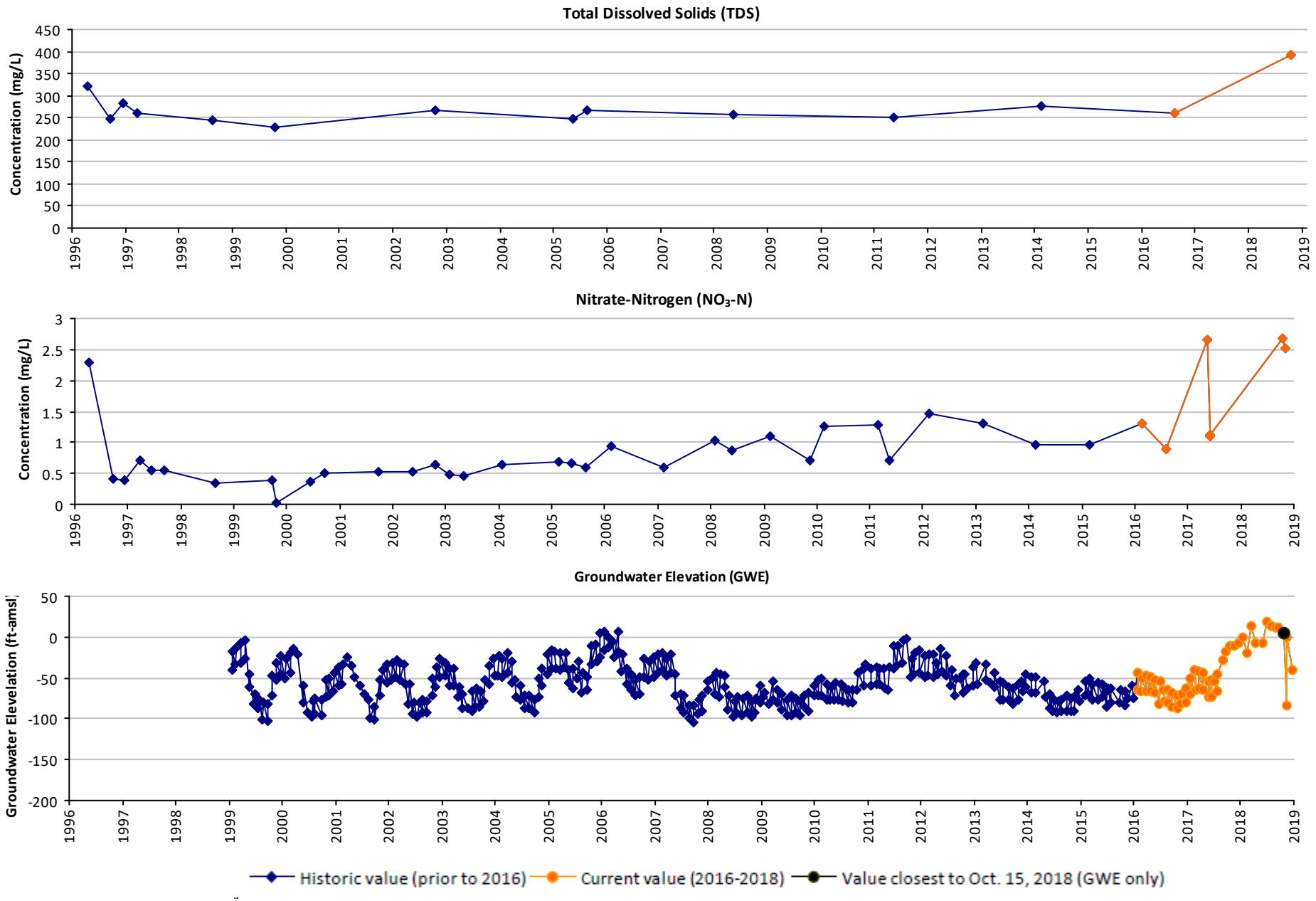

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

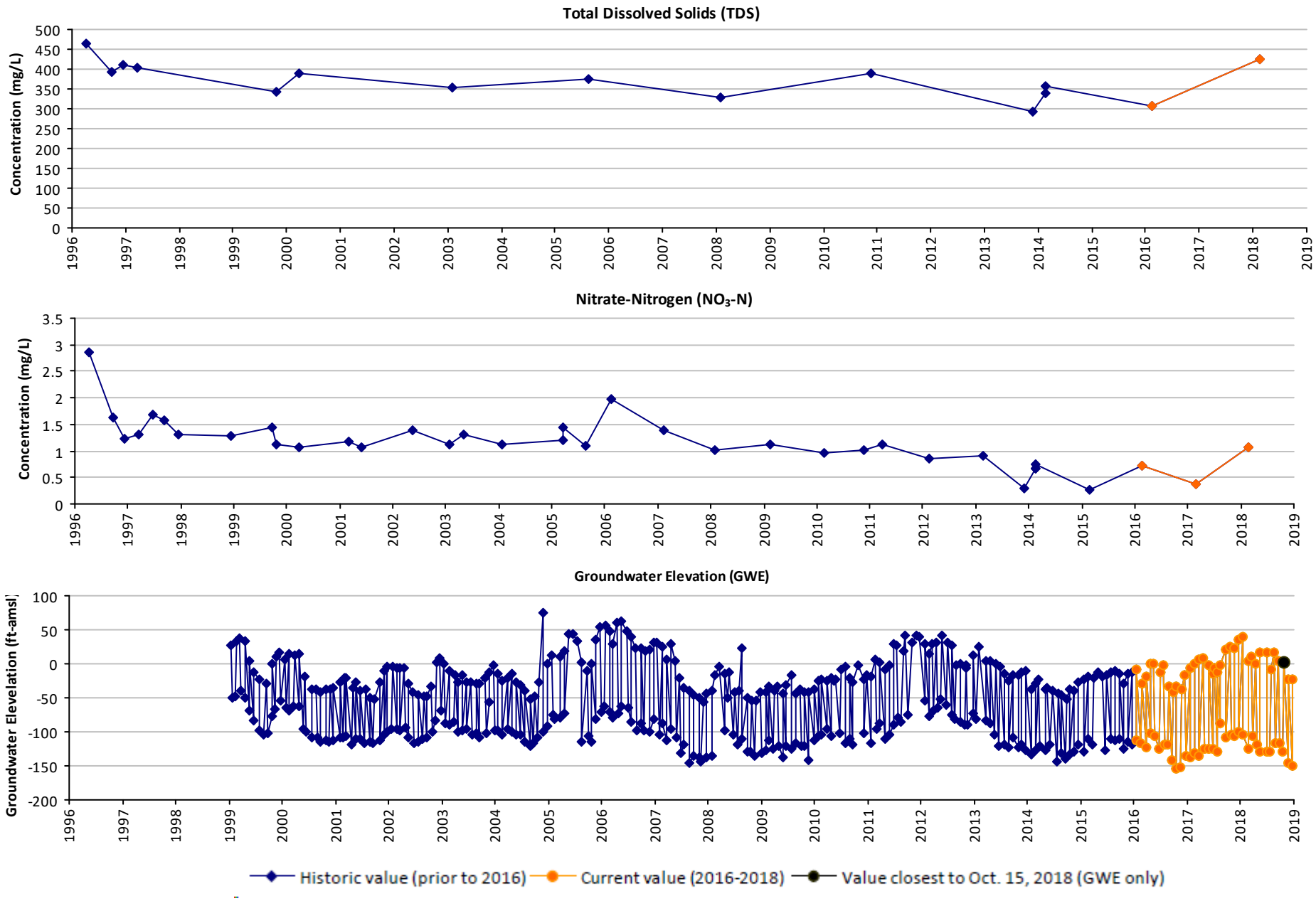

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

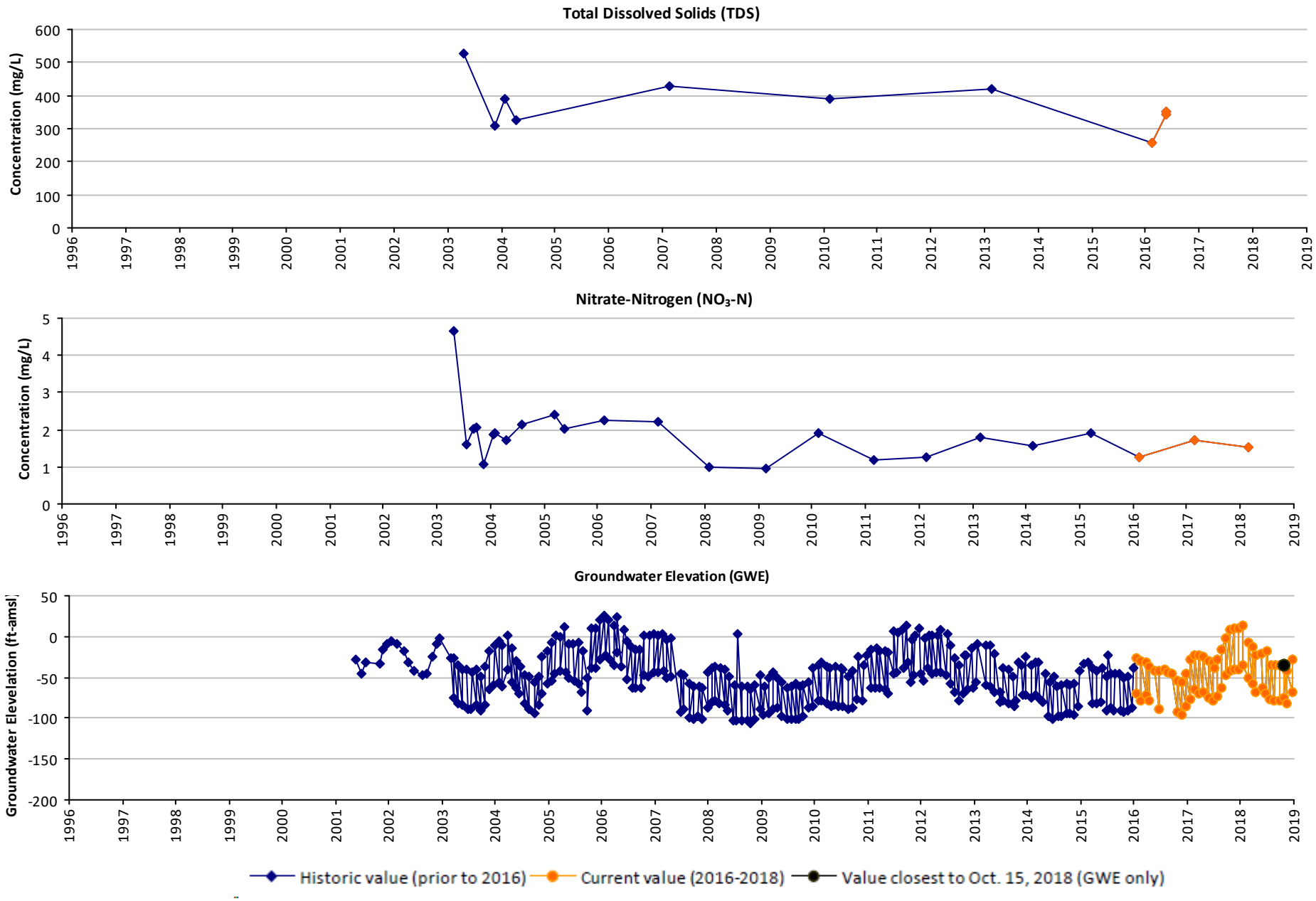

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

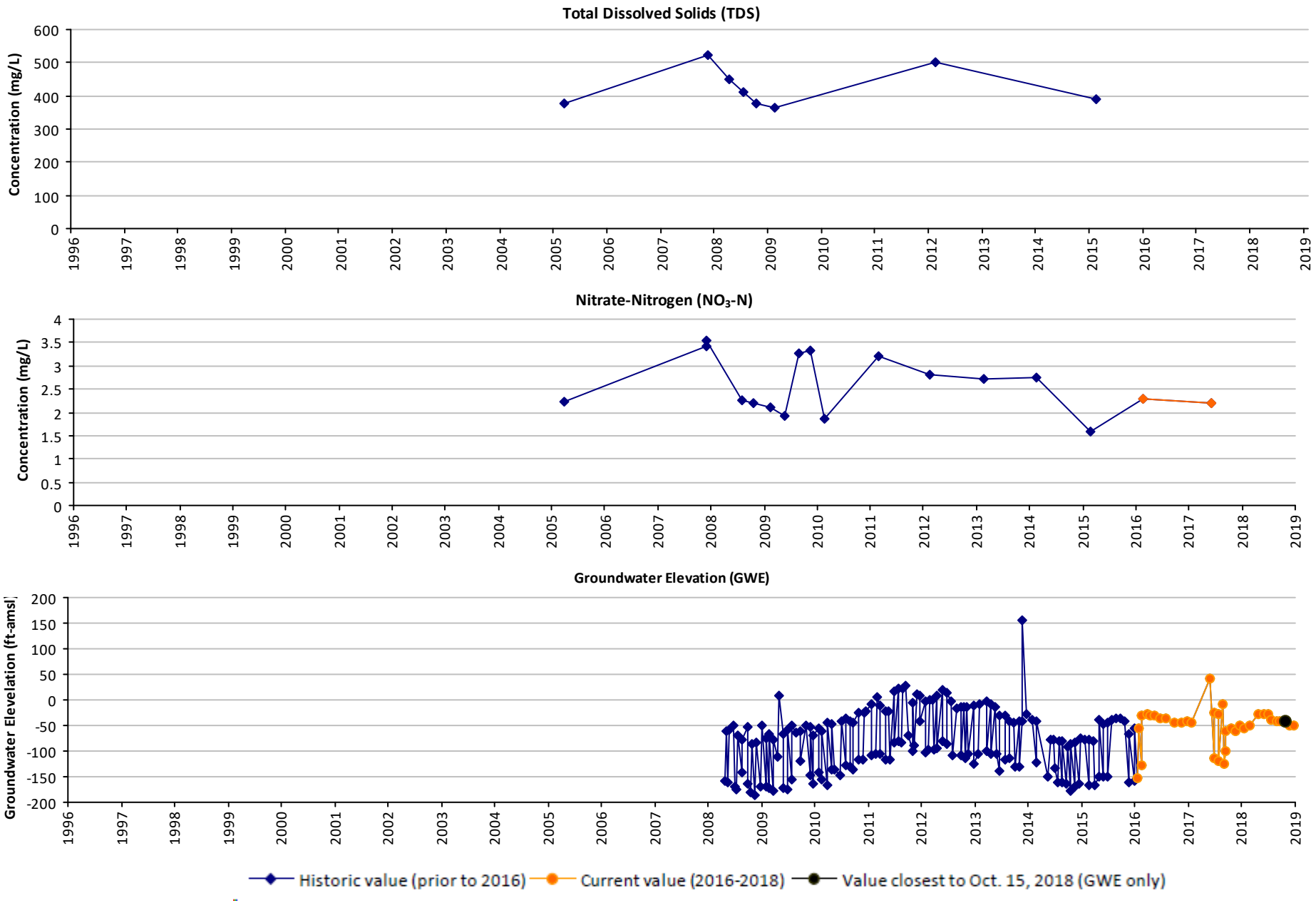

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

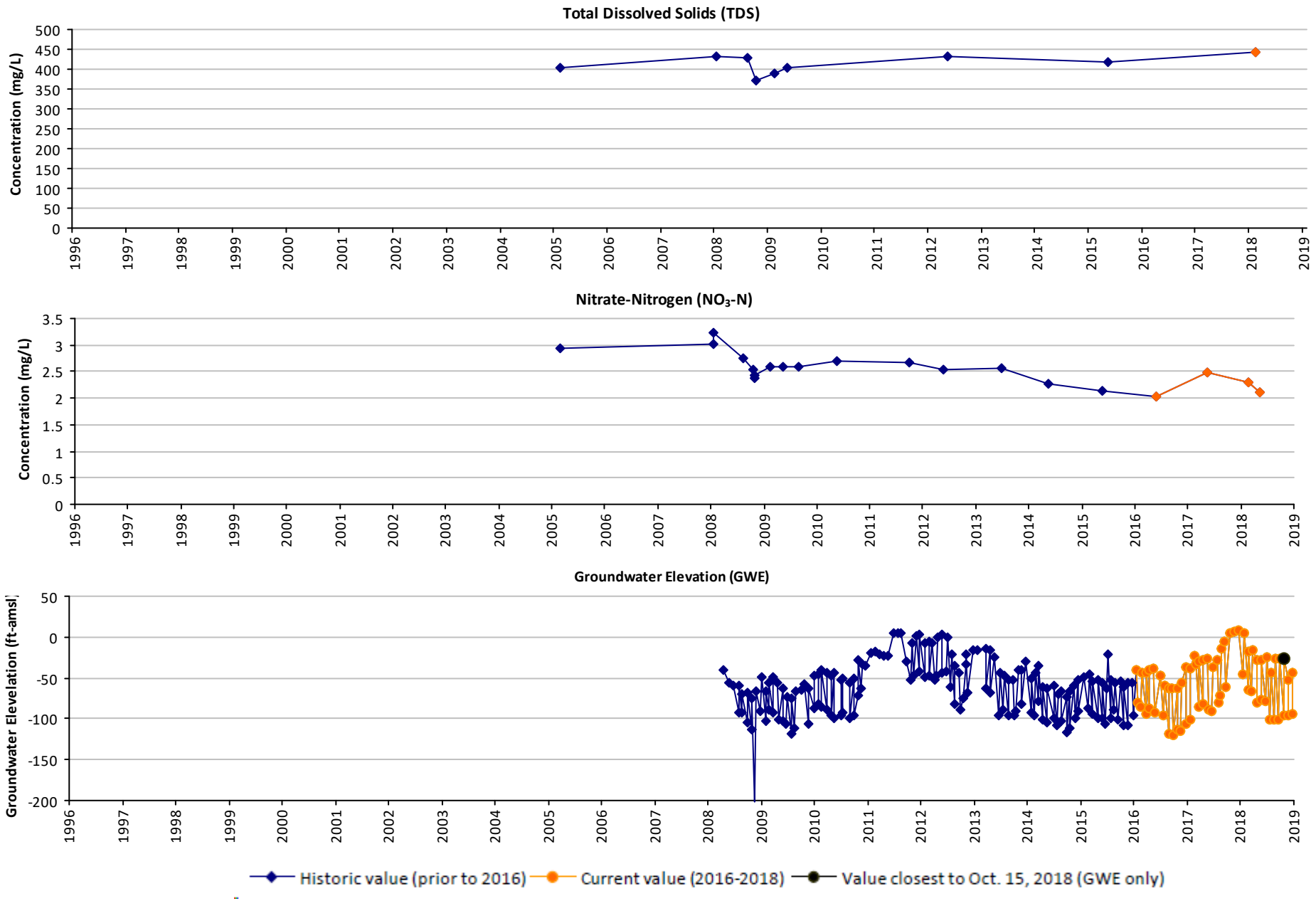

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

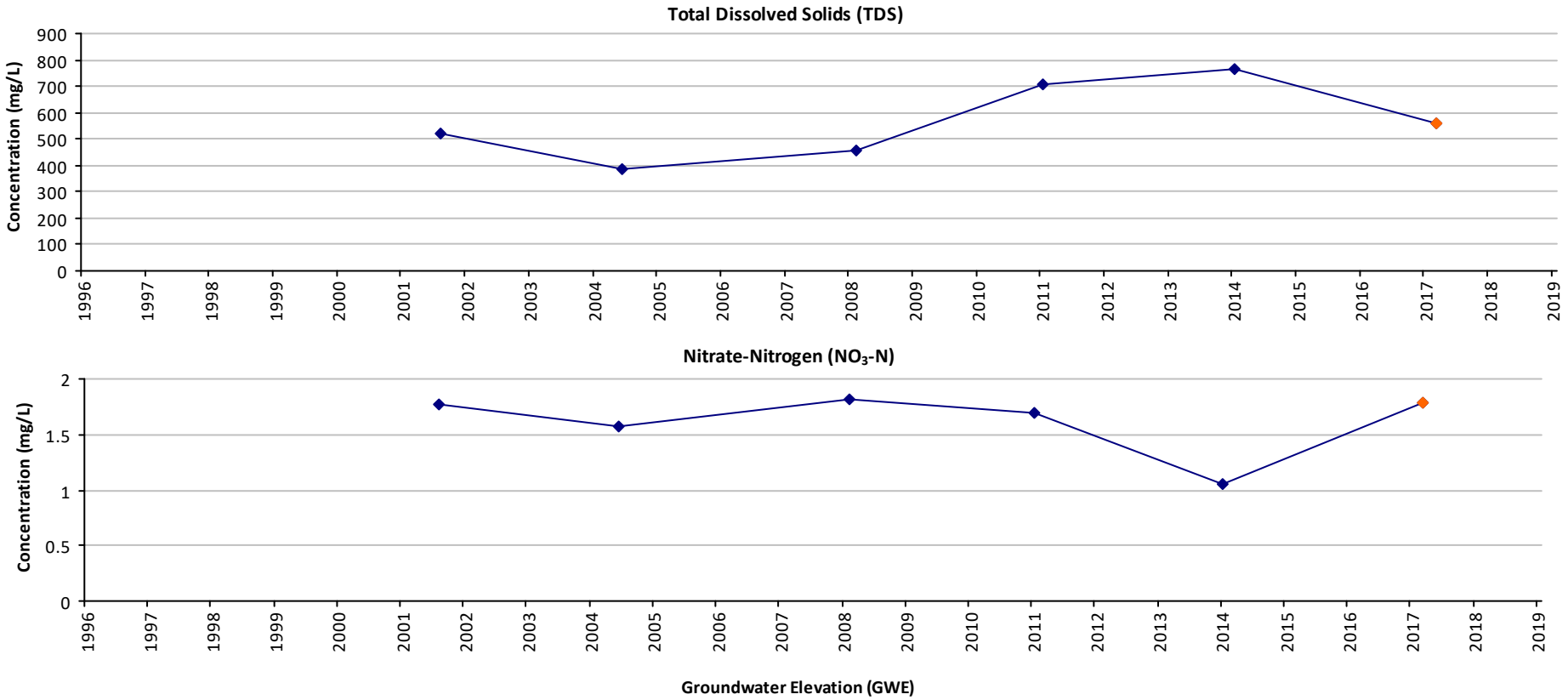

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

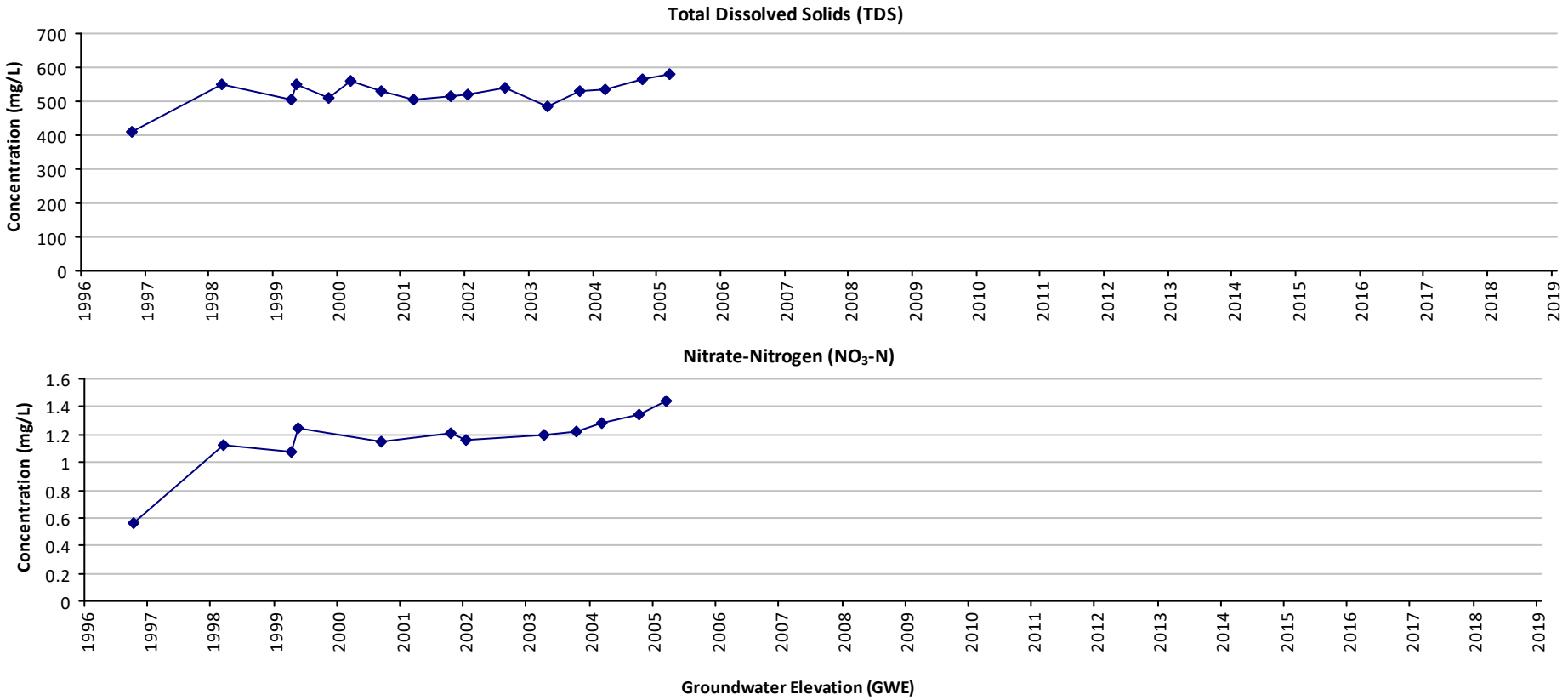

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

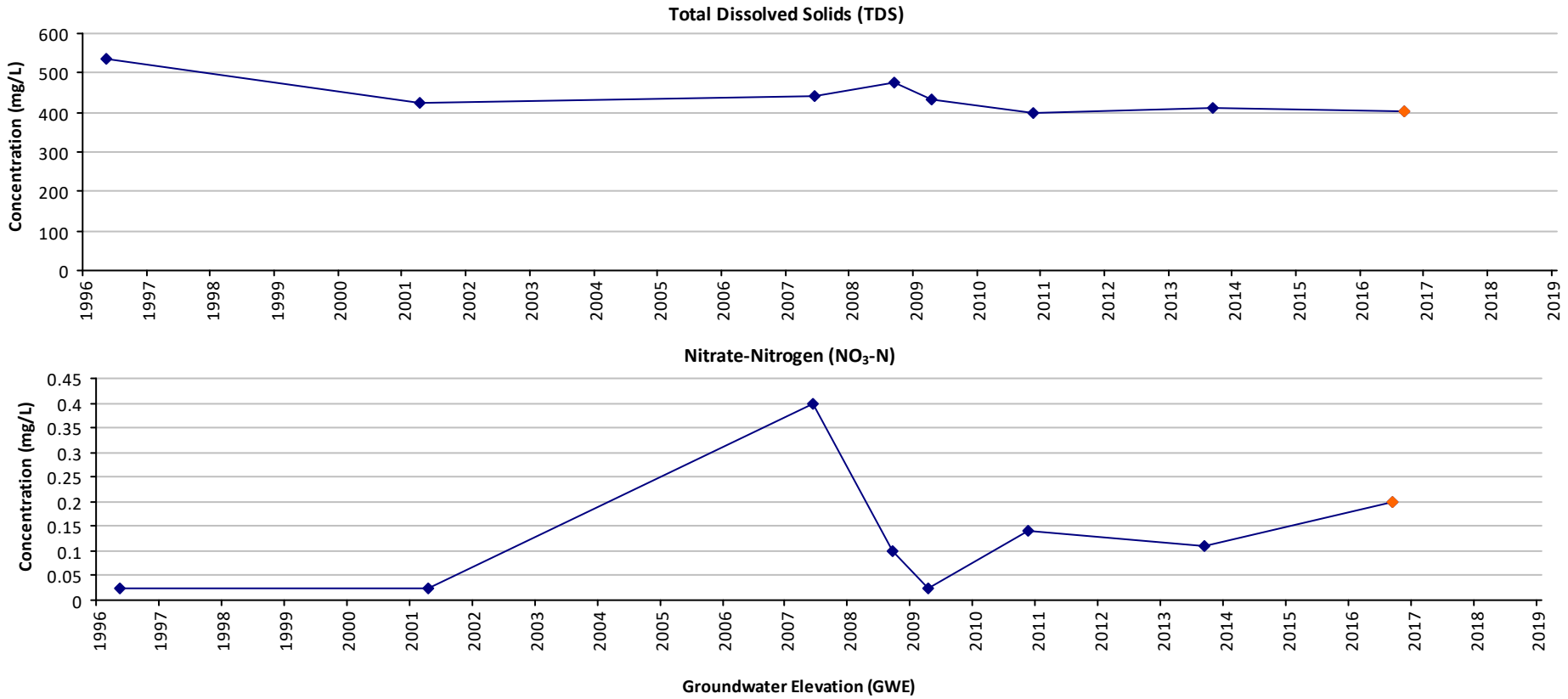

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

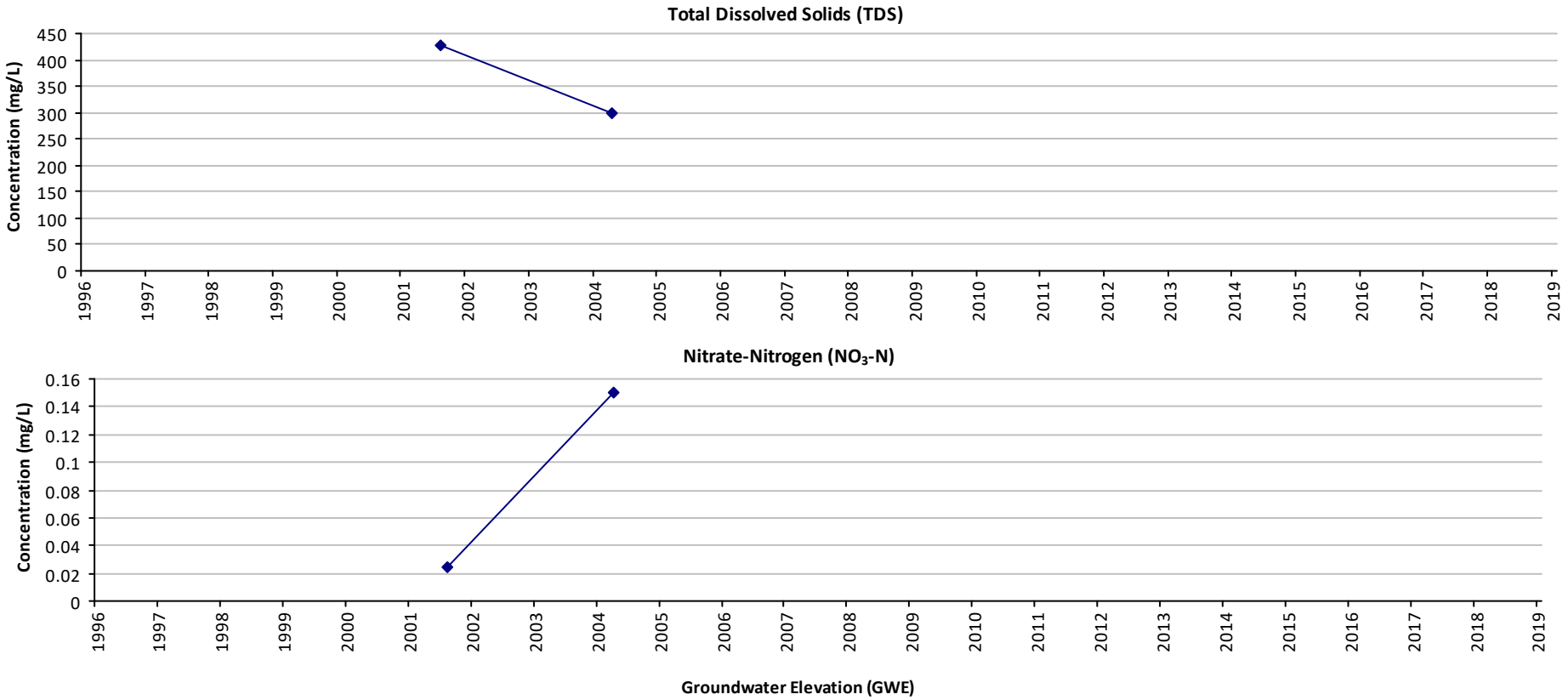

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

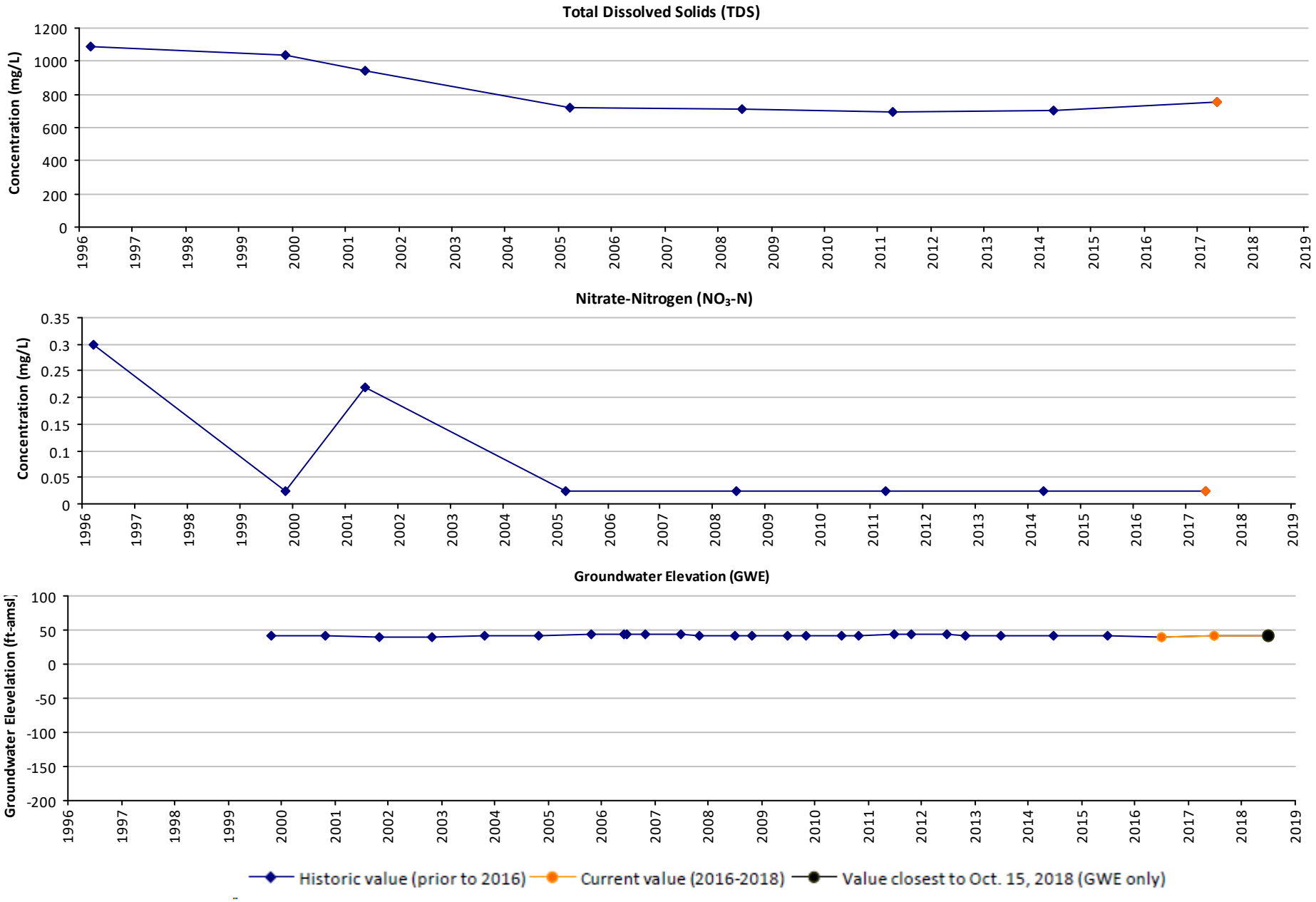

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

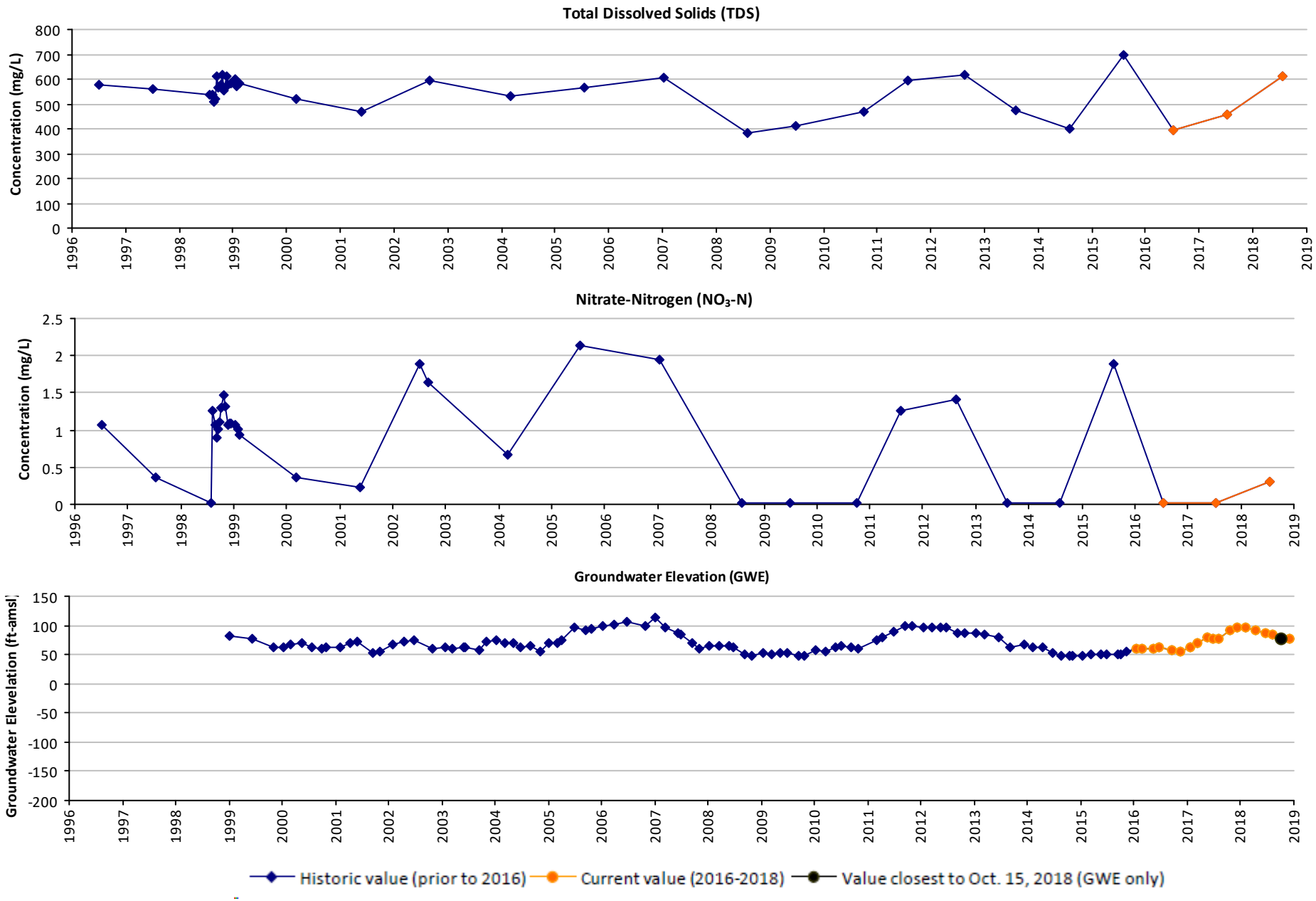

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

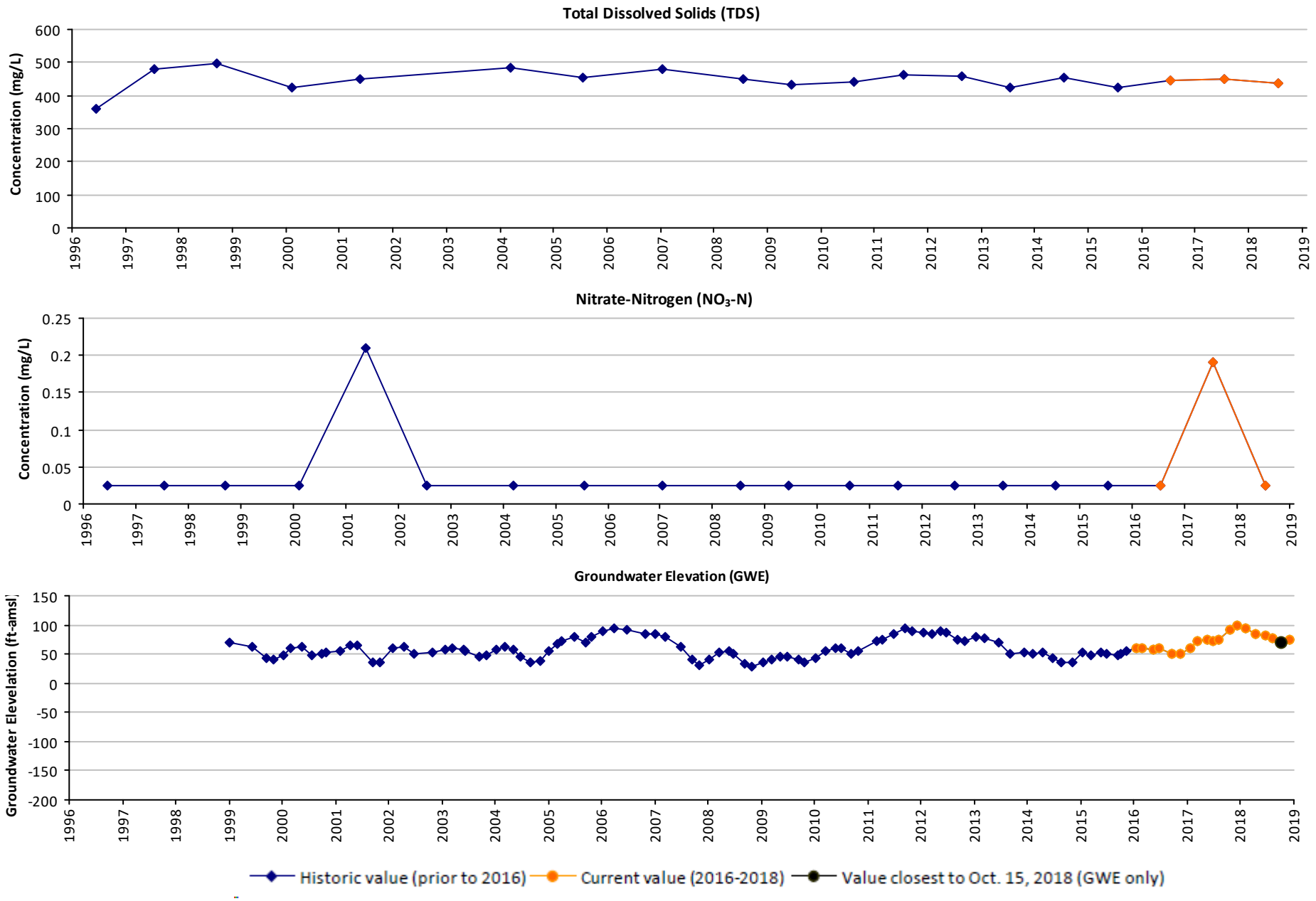

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

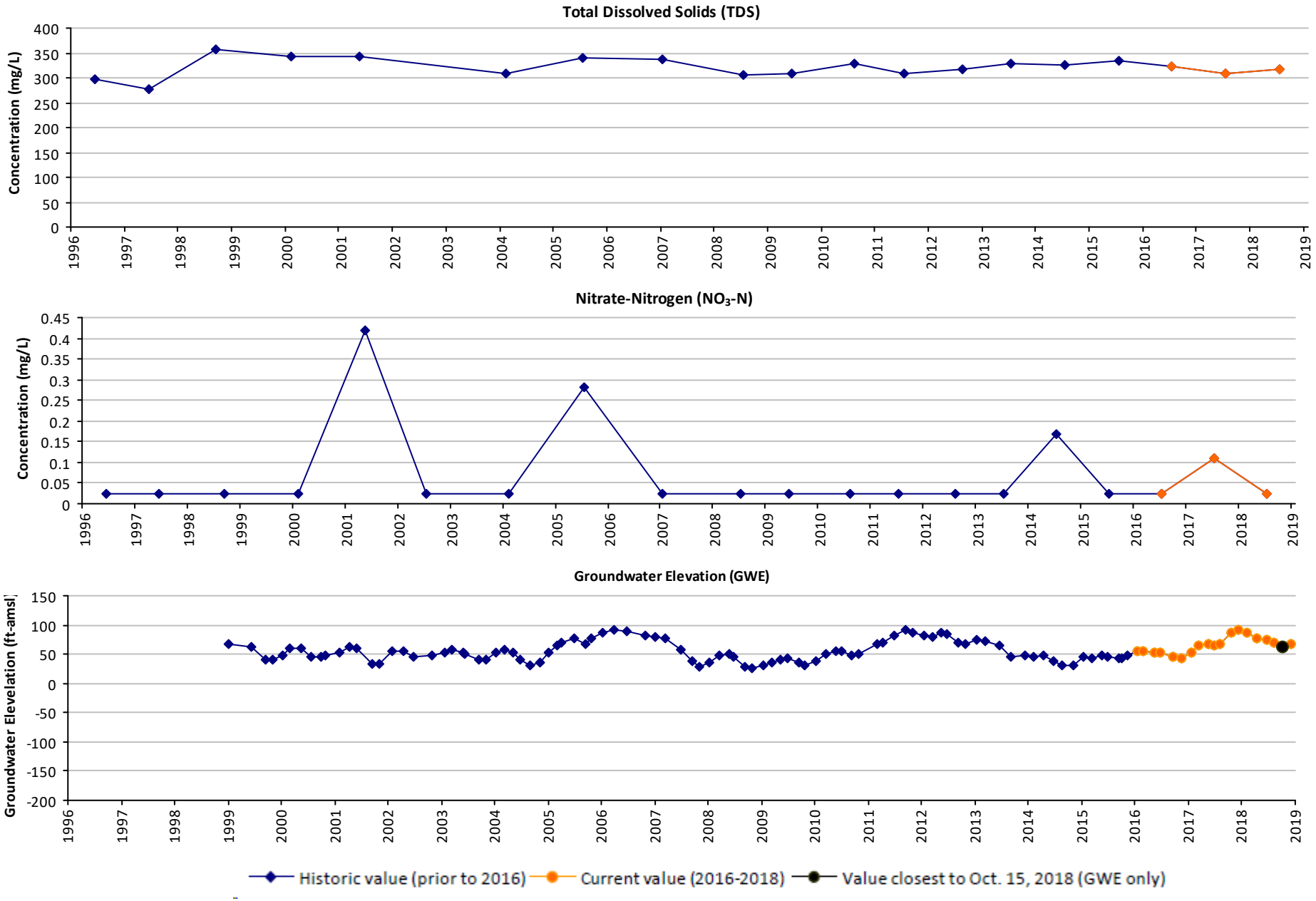

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

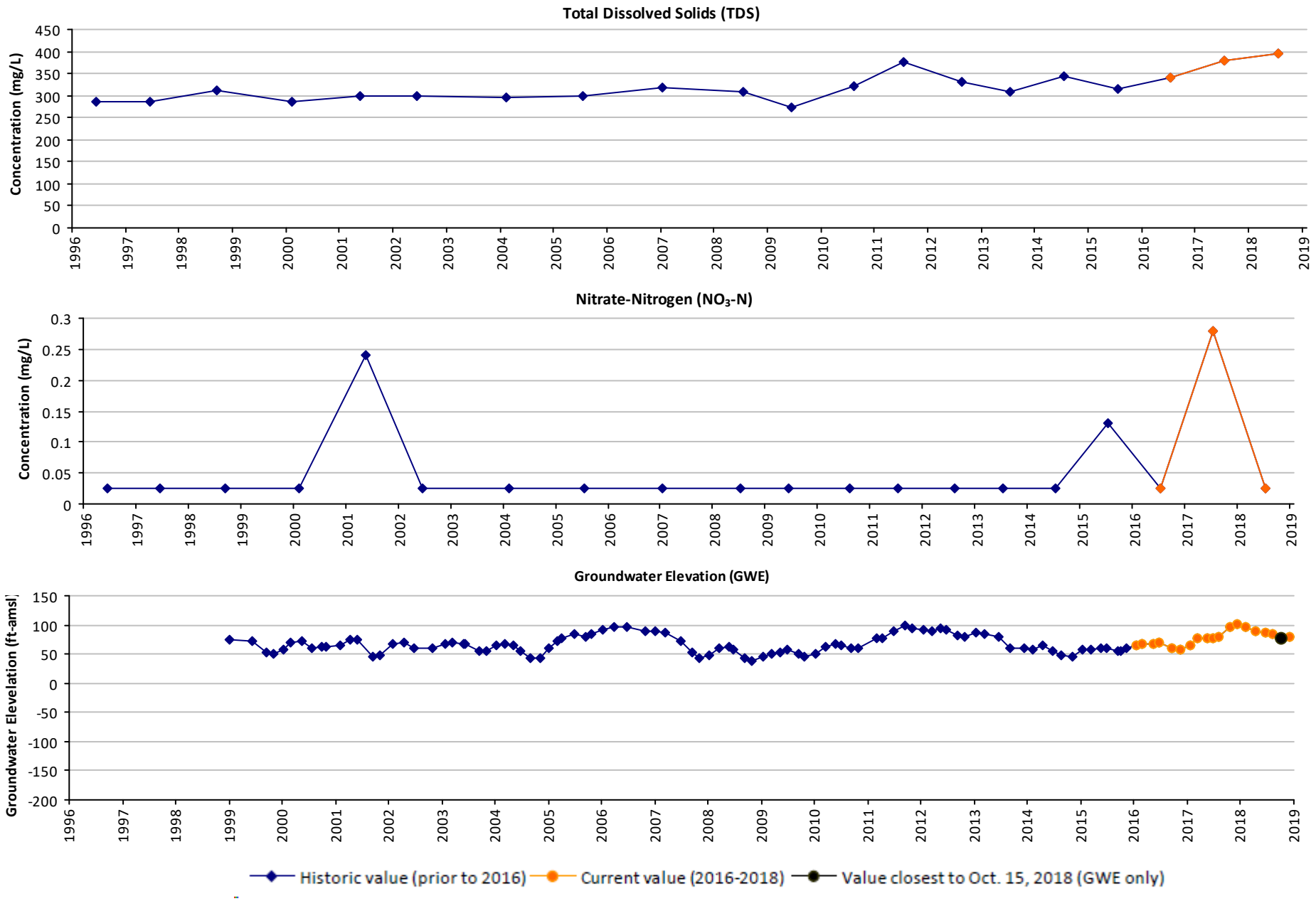

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

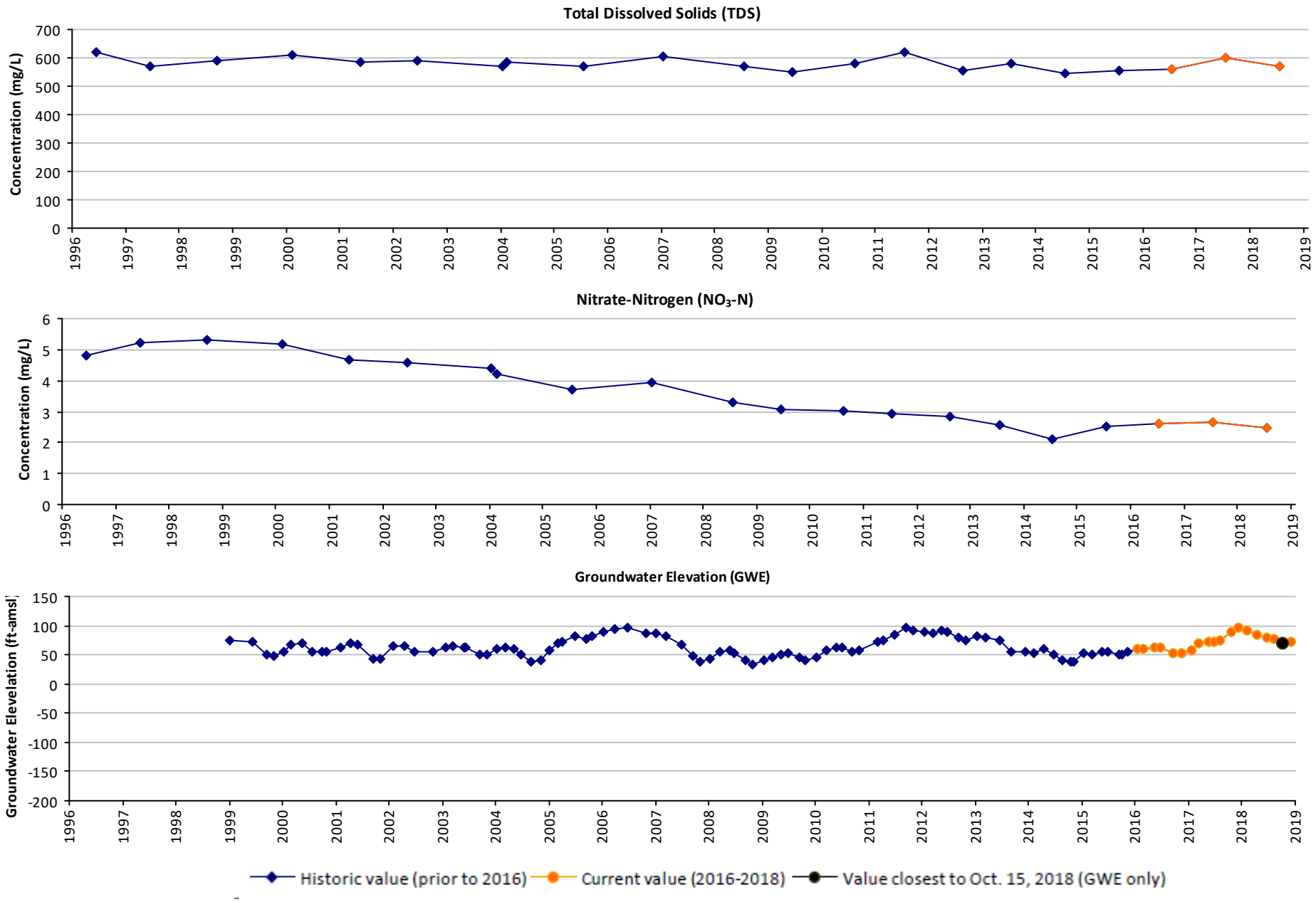

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

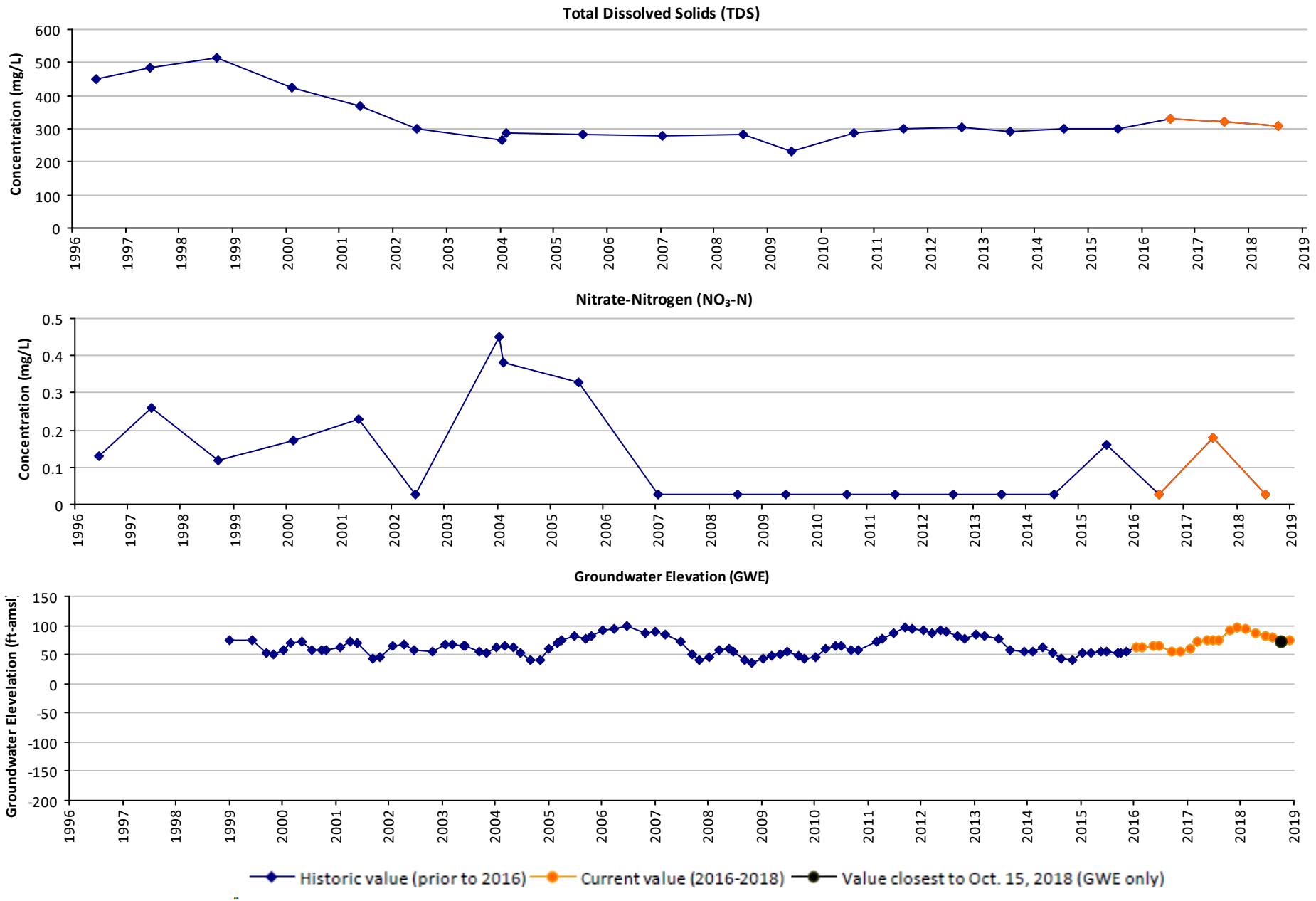

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

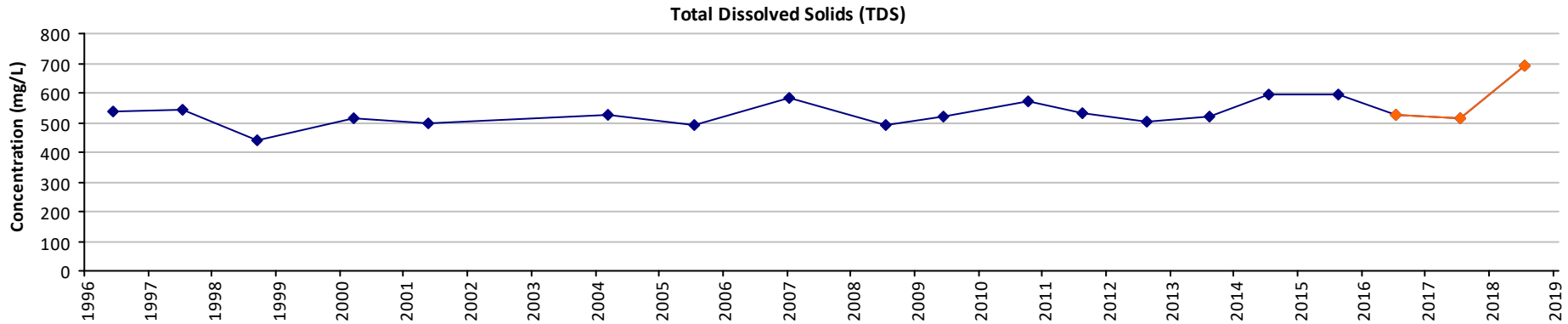

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

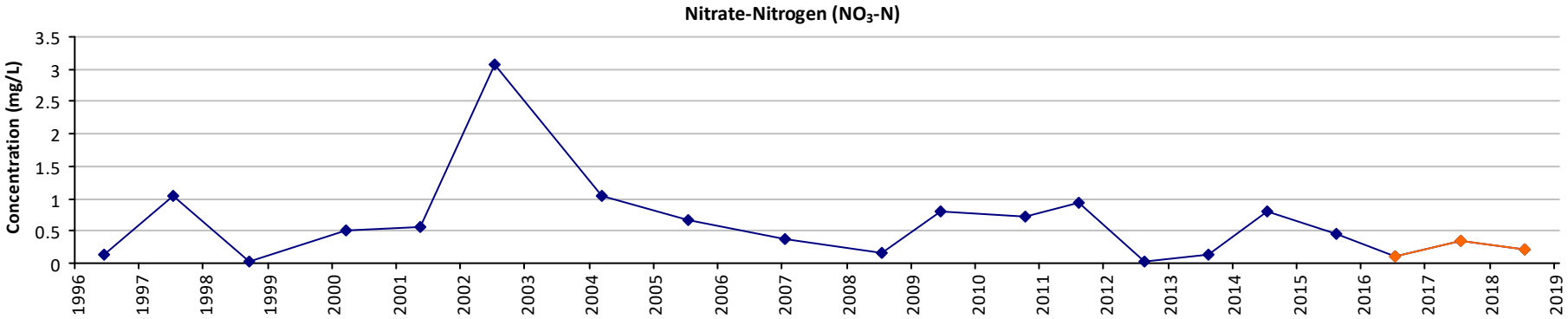

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

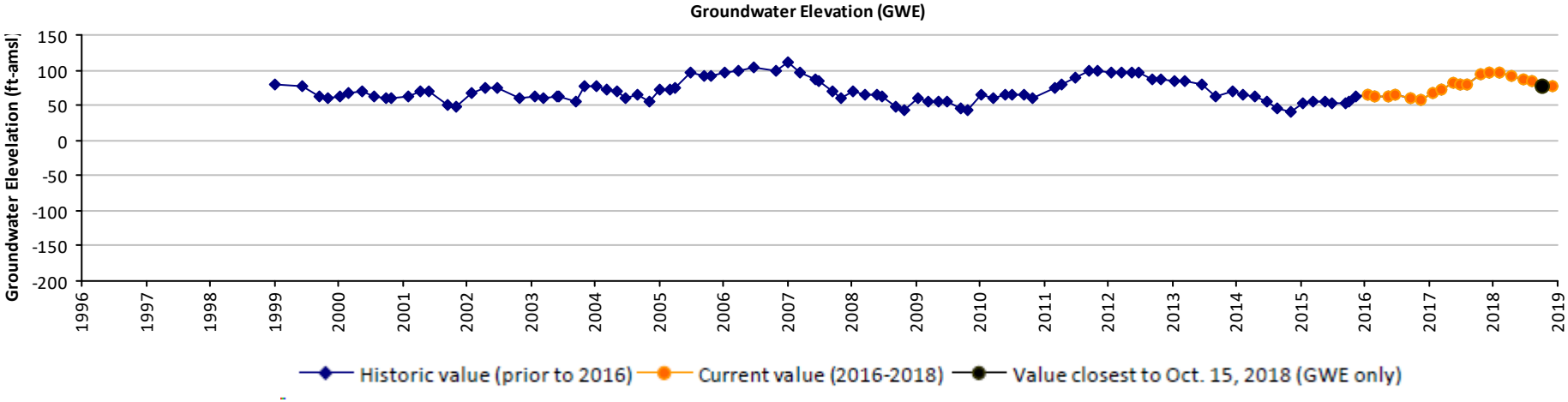

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

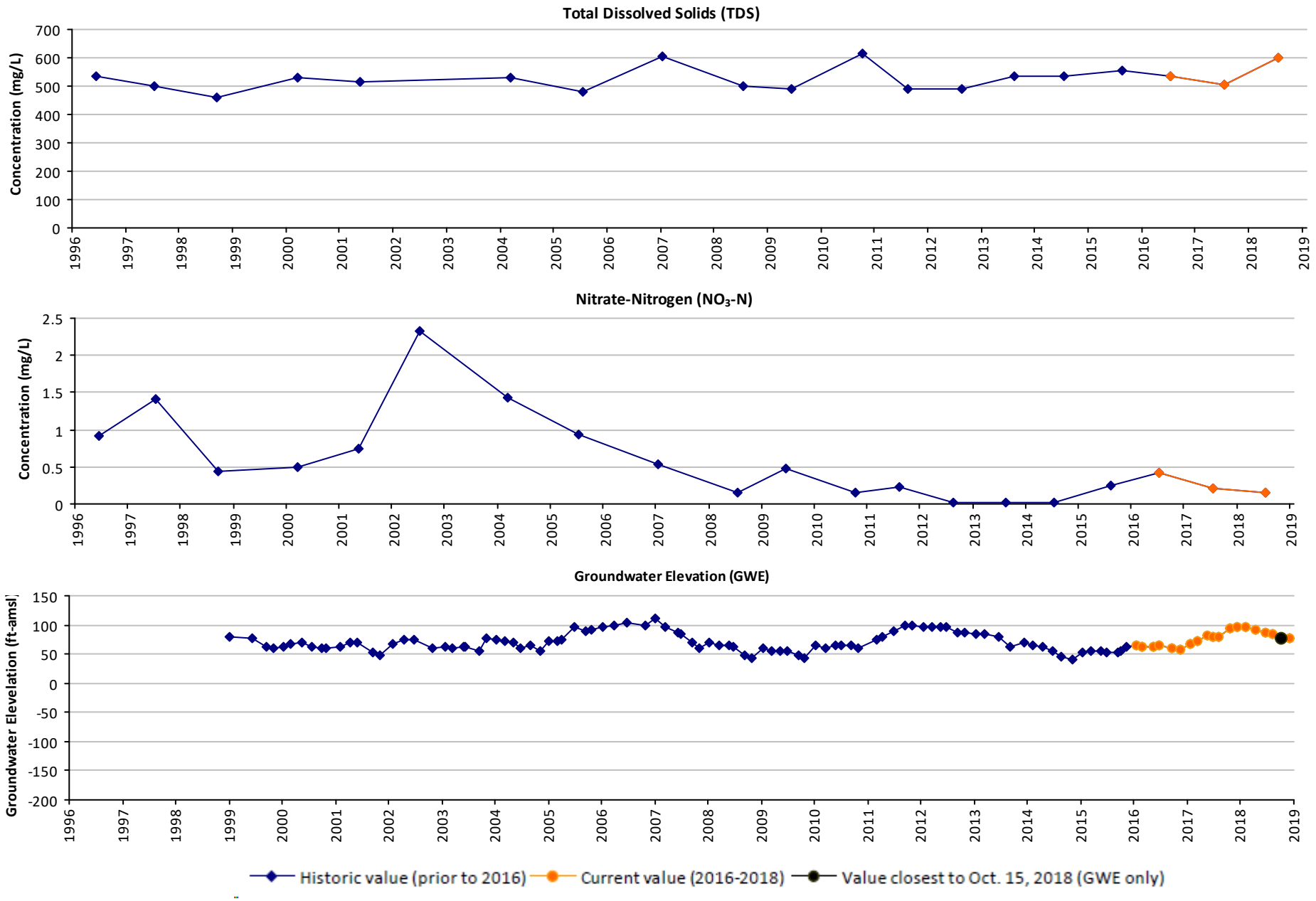
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

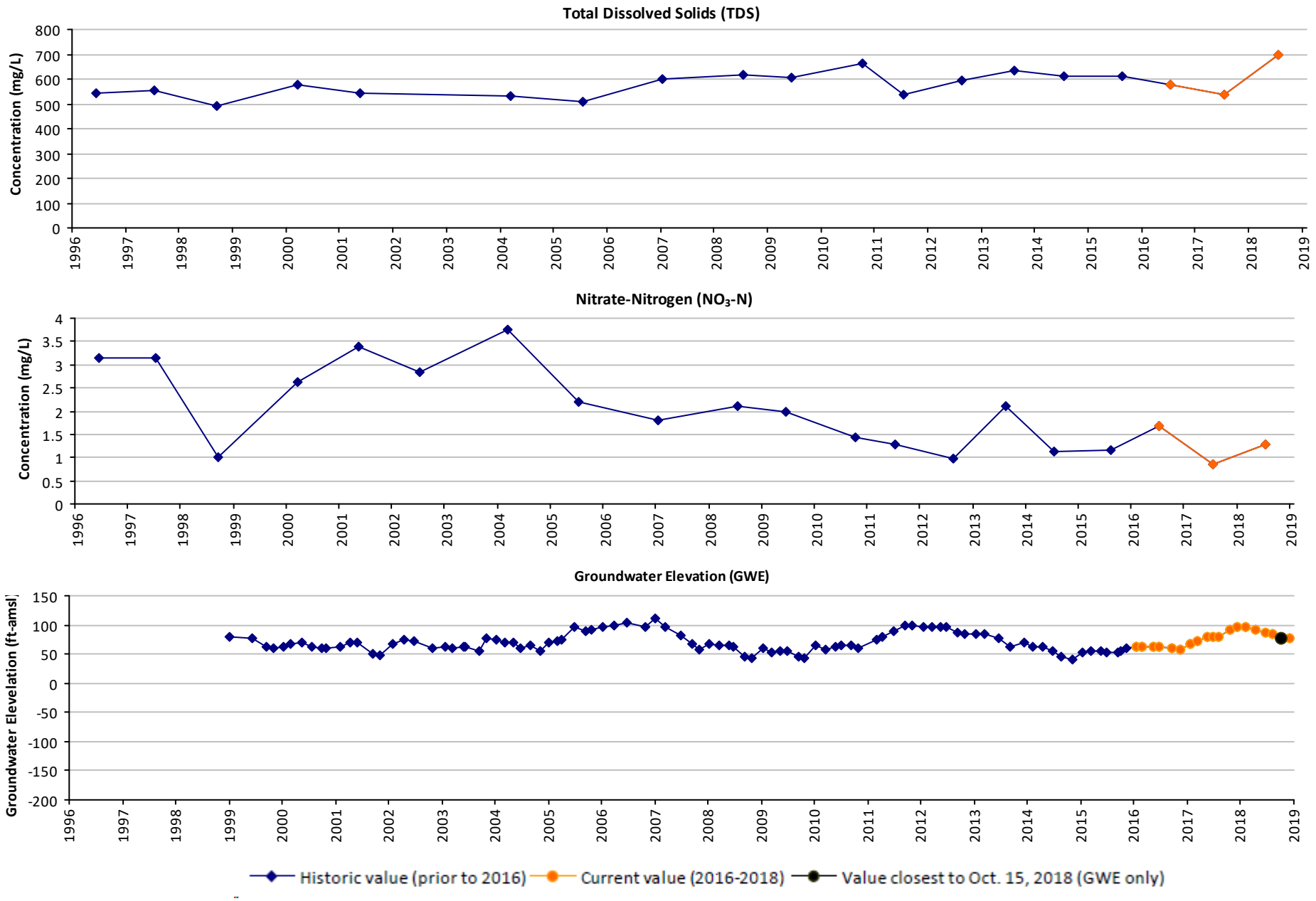
Well ID: 1214670
Management Zone: Orange County

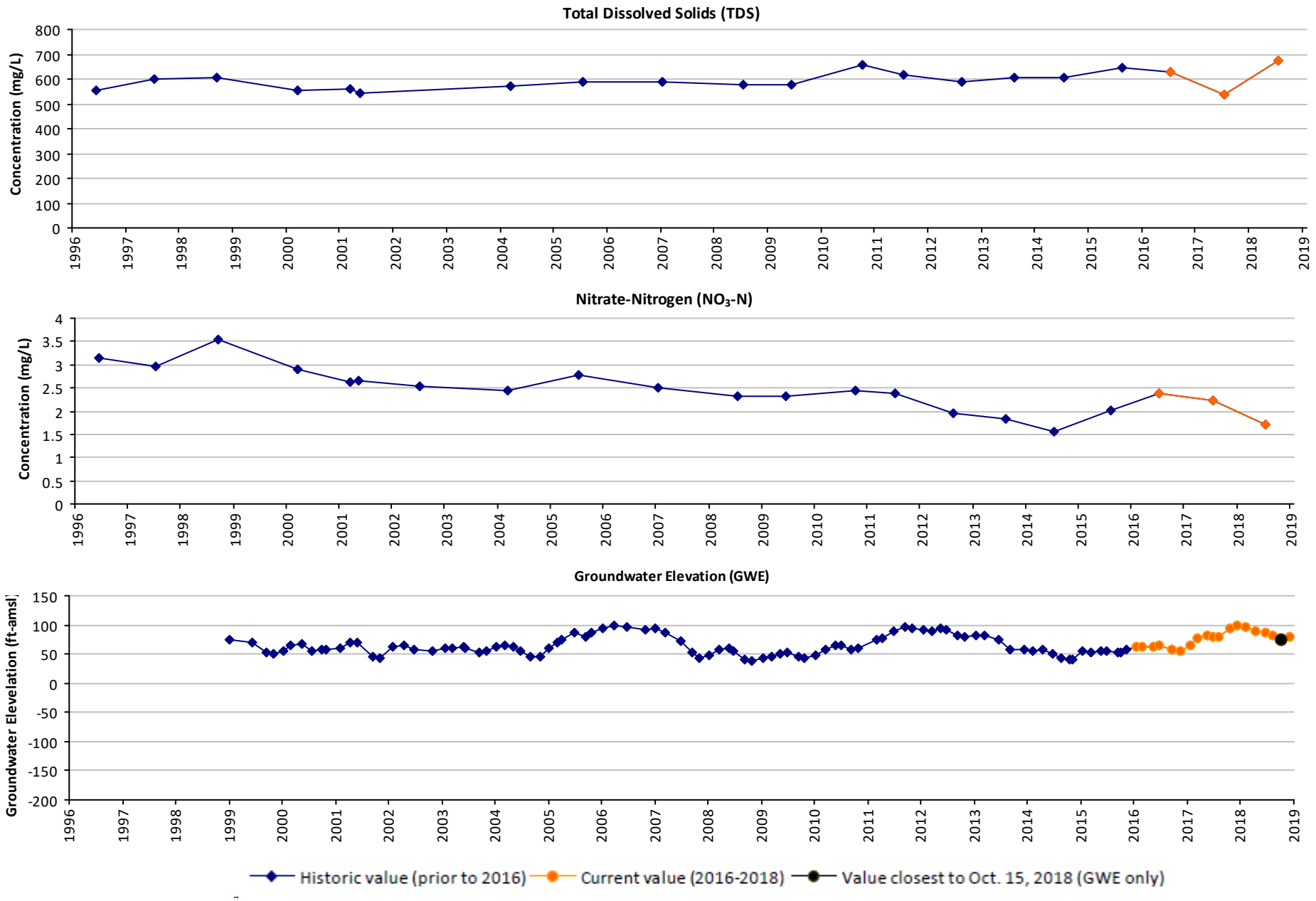


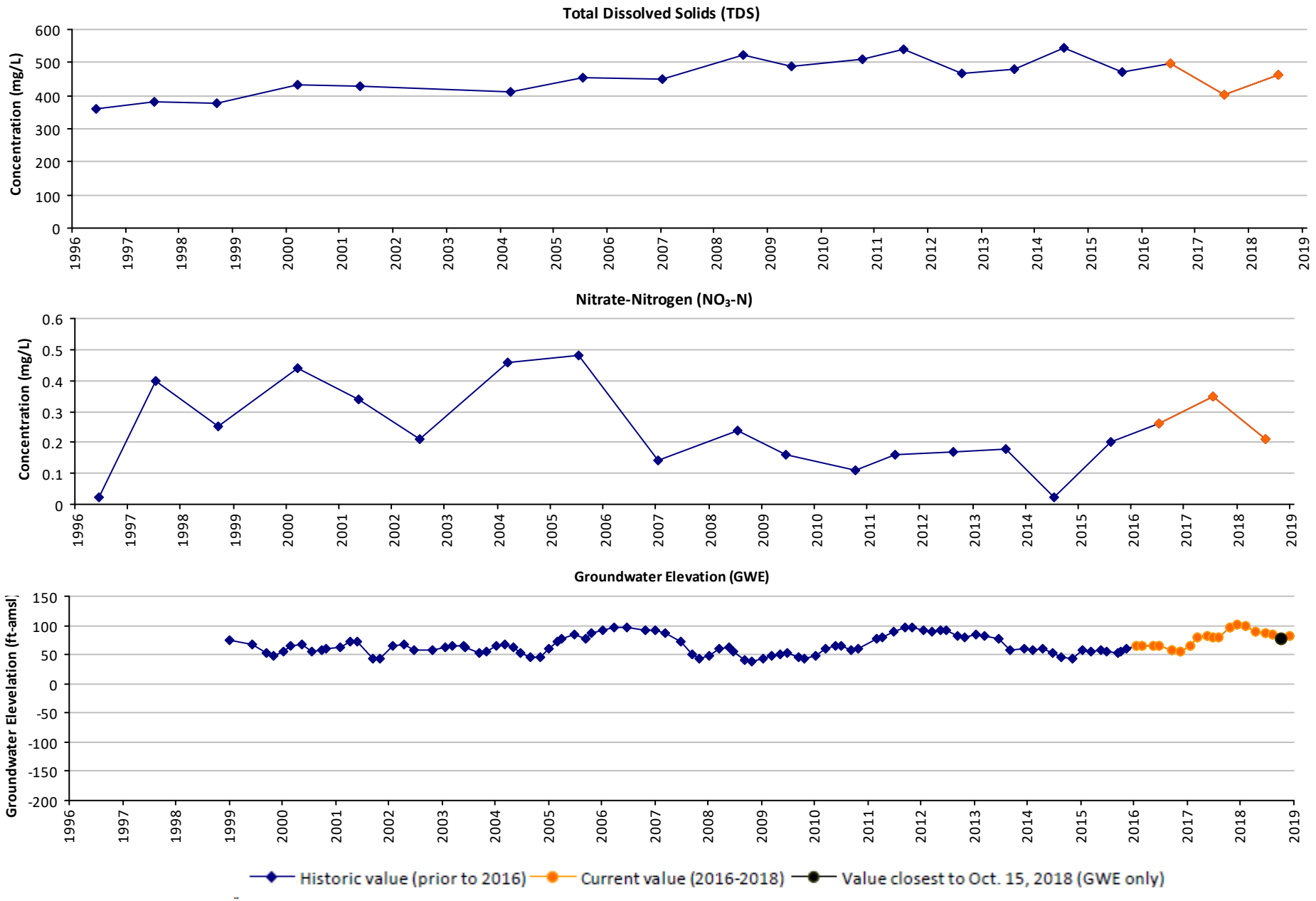


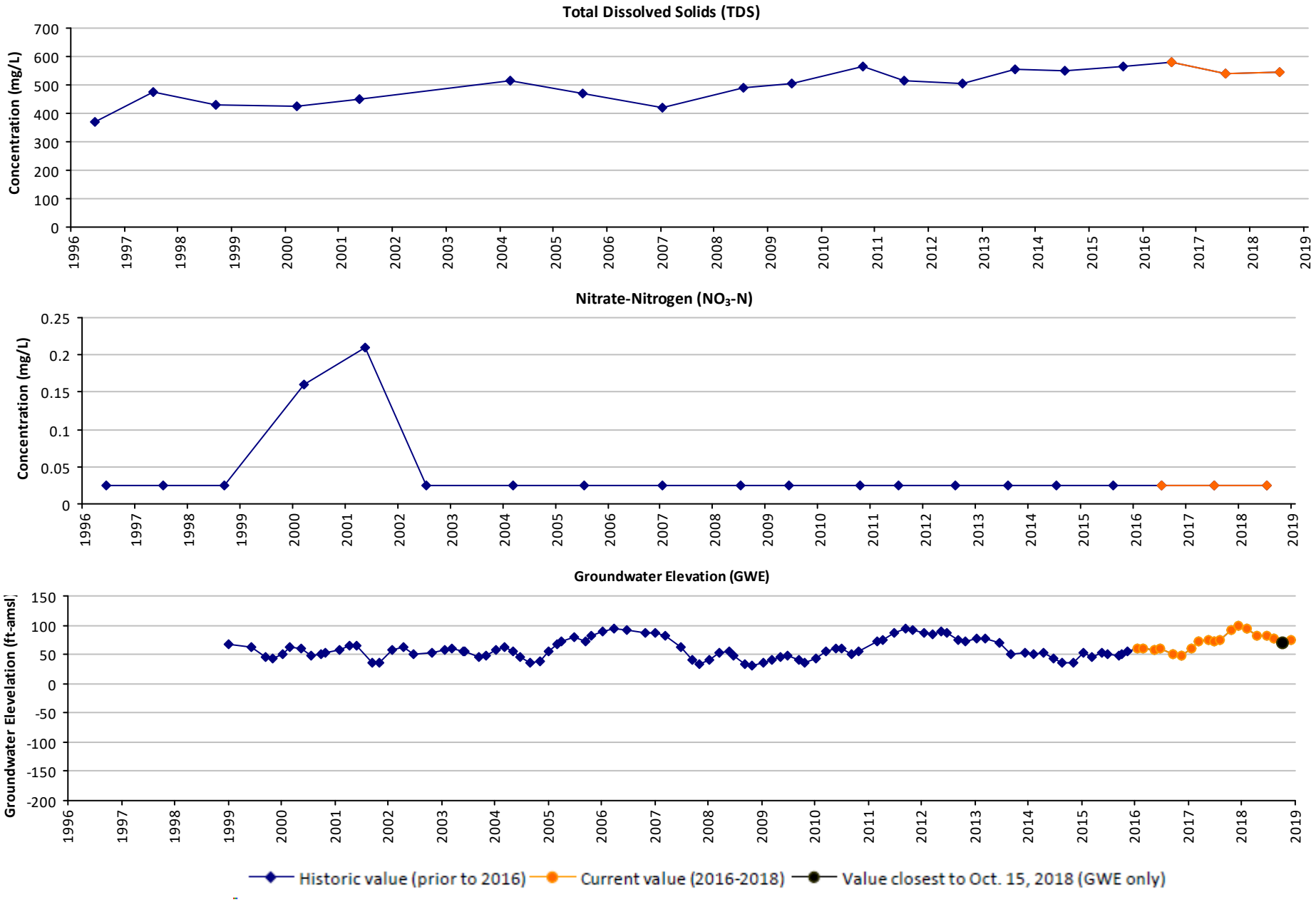


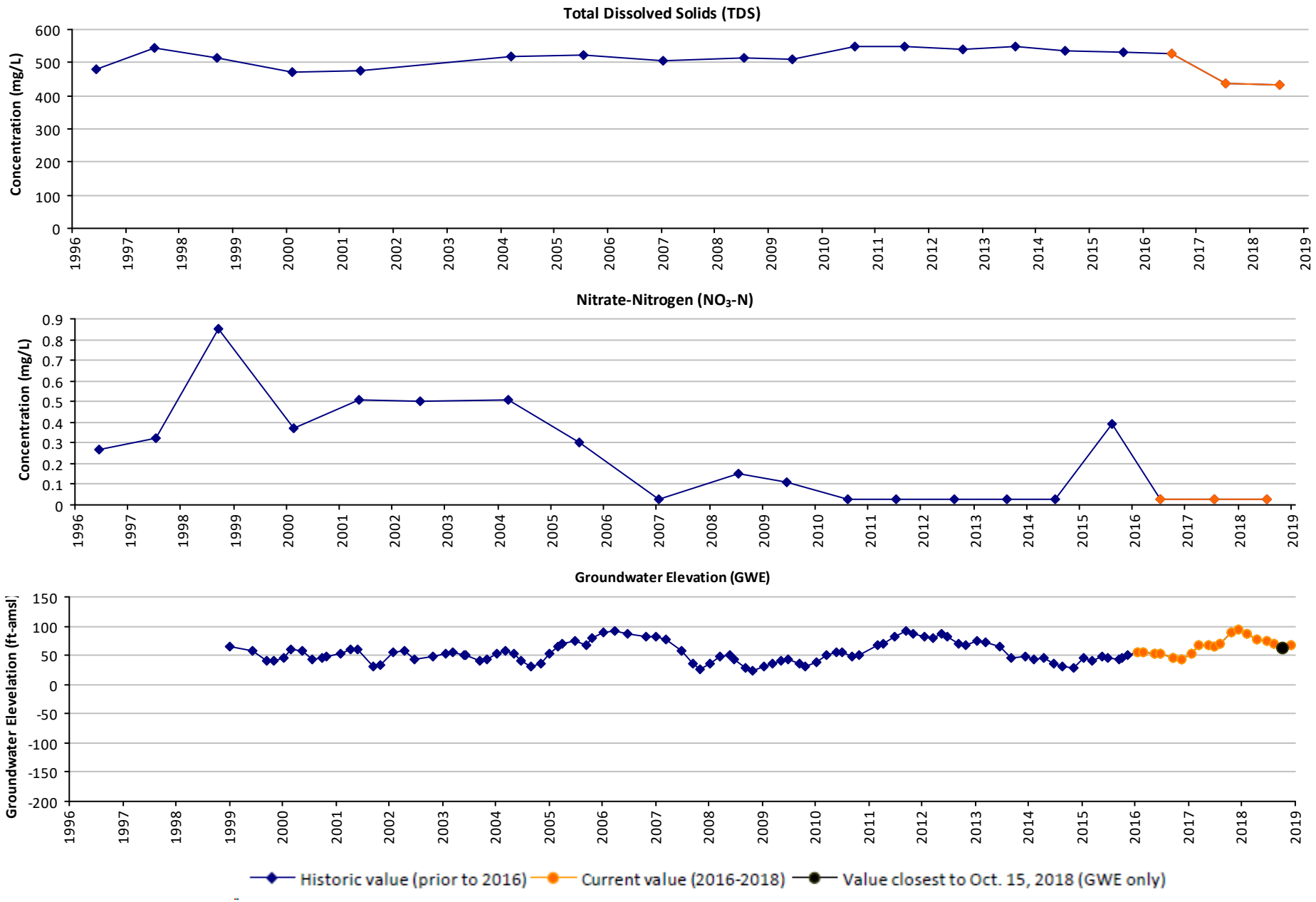

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

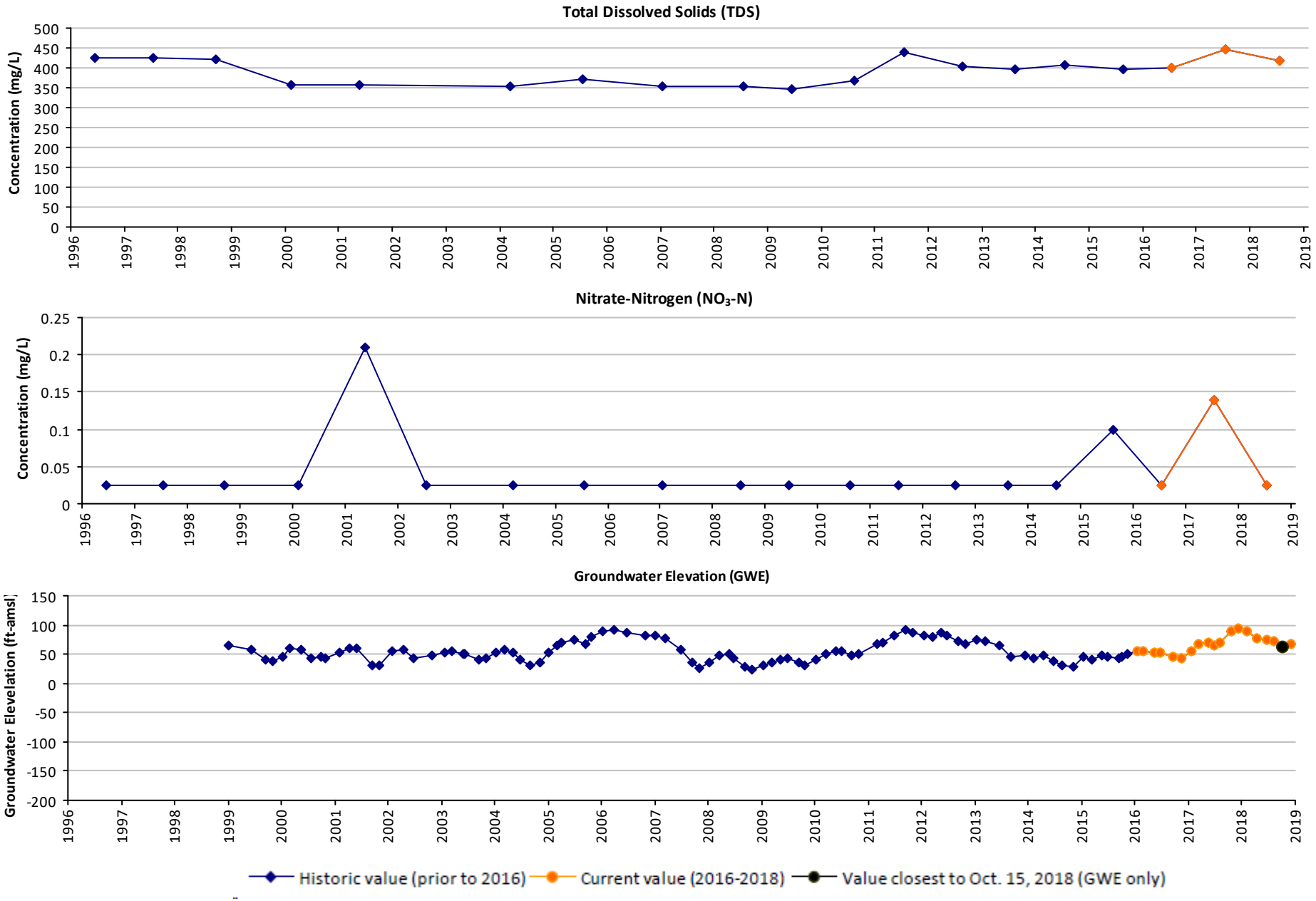

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

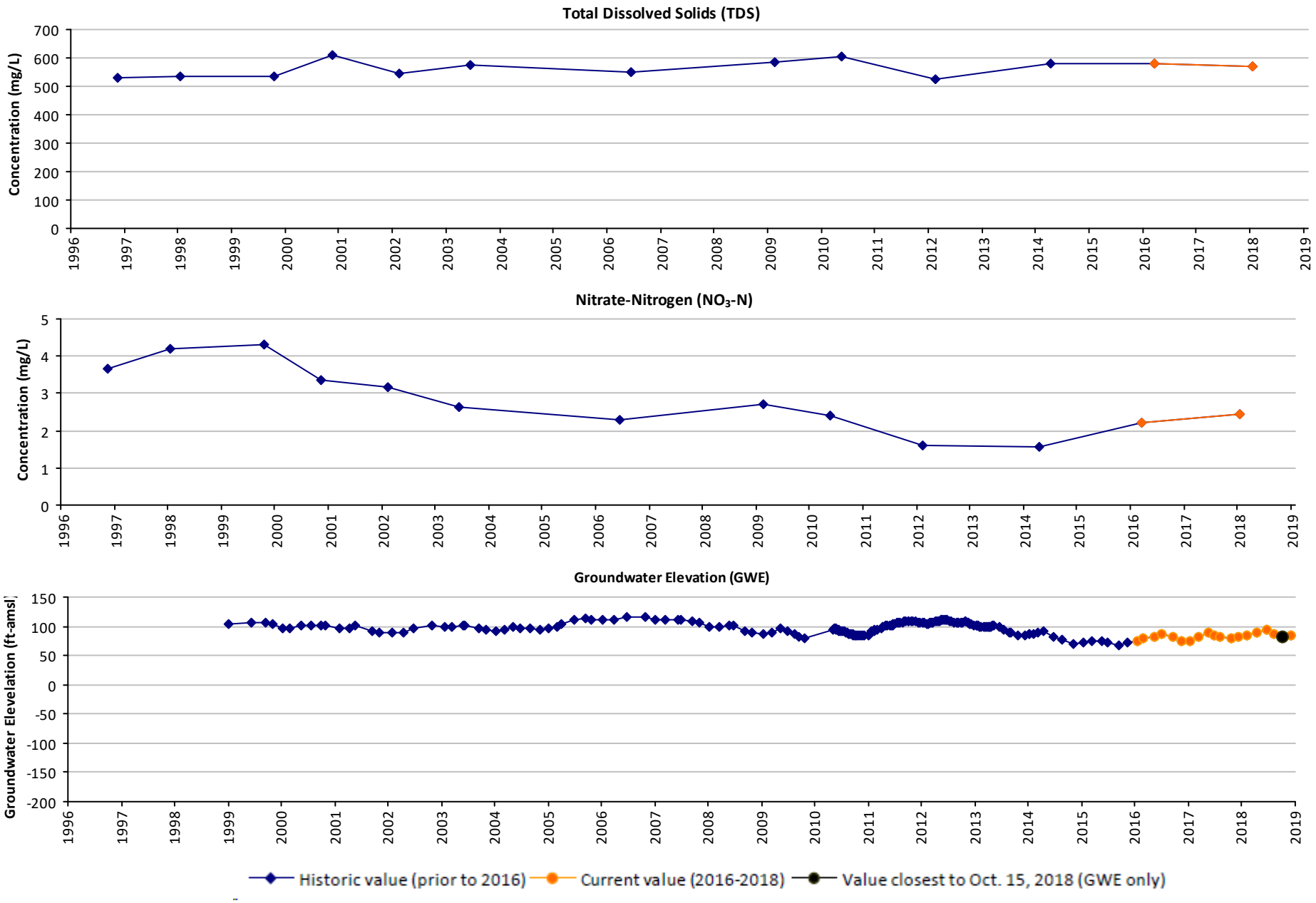

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

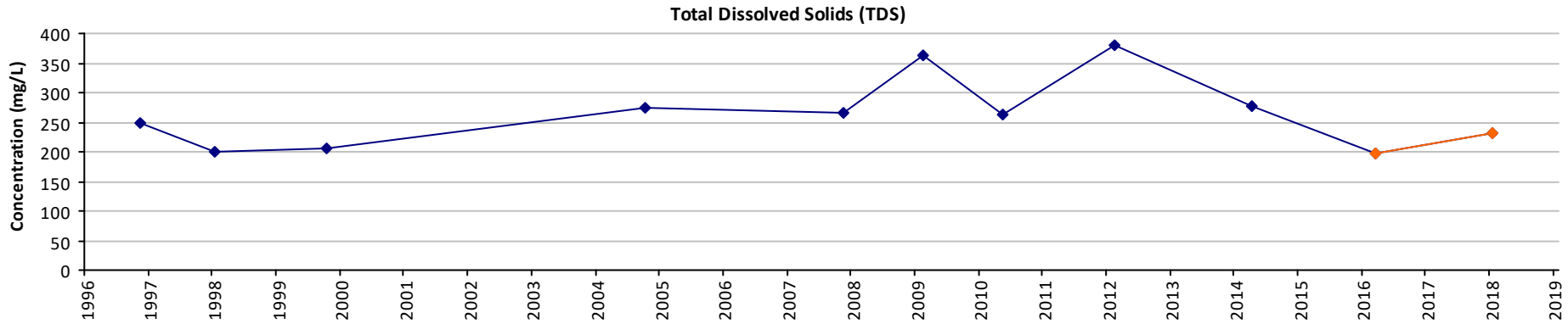

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

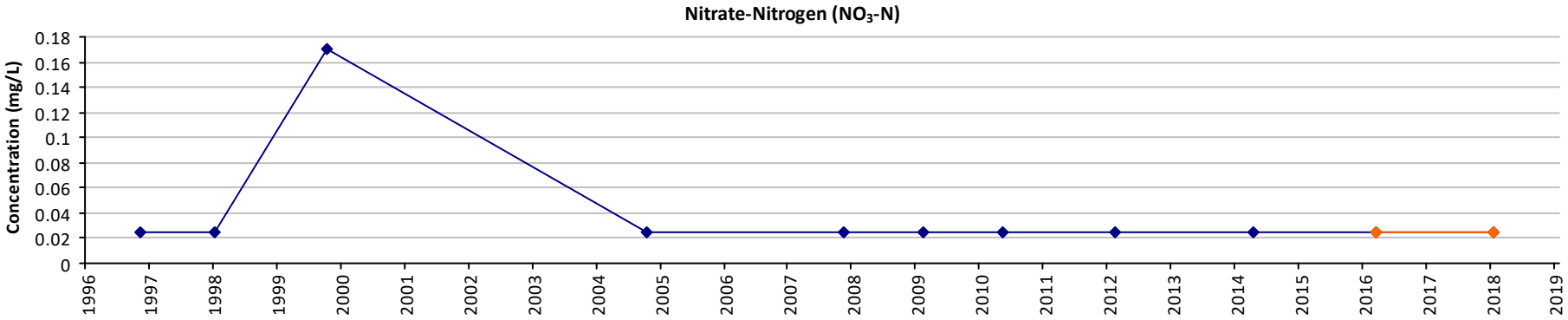

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
1996
1997
1998
1999
2000
2001
2002
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2004
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2006
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2008
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2010
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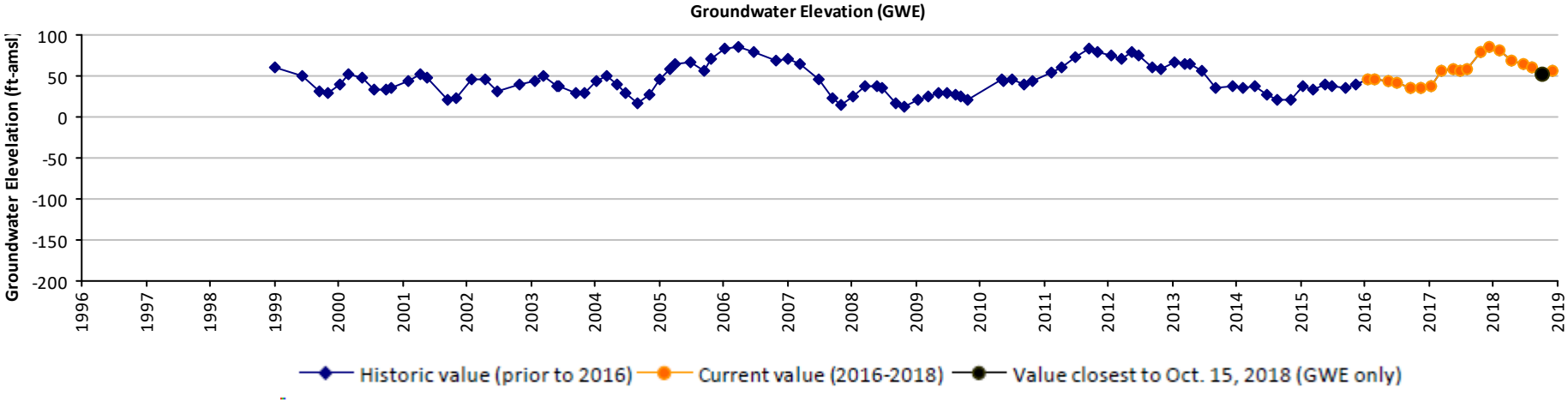
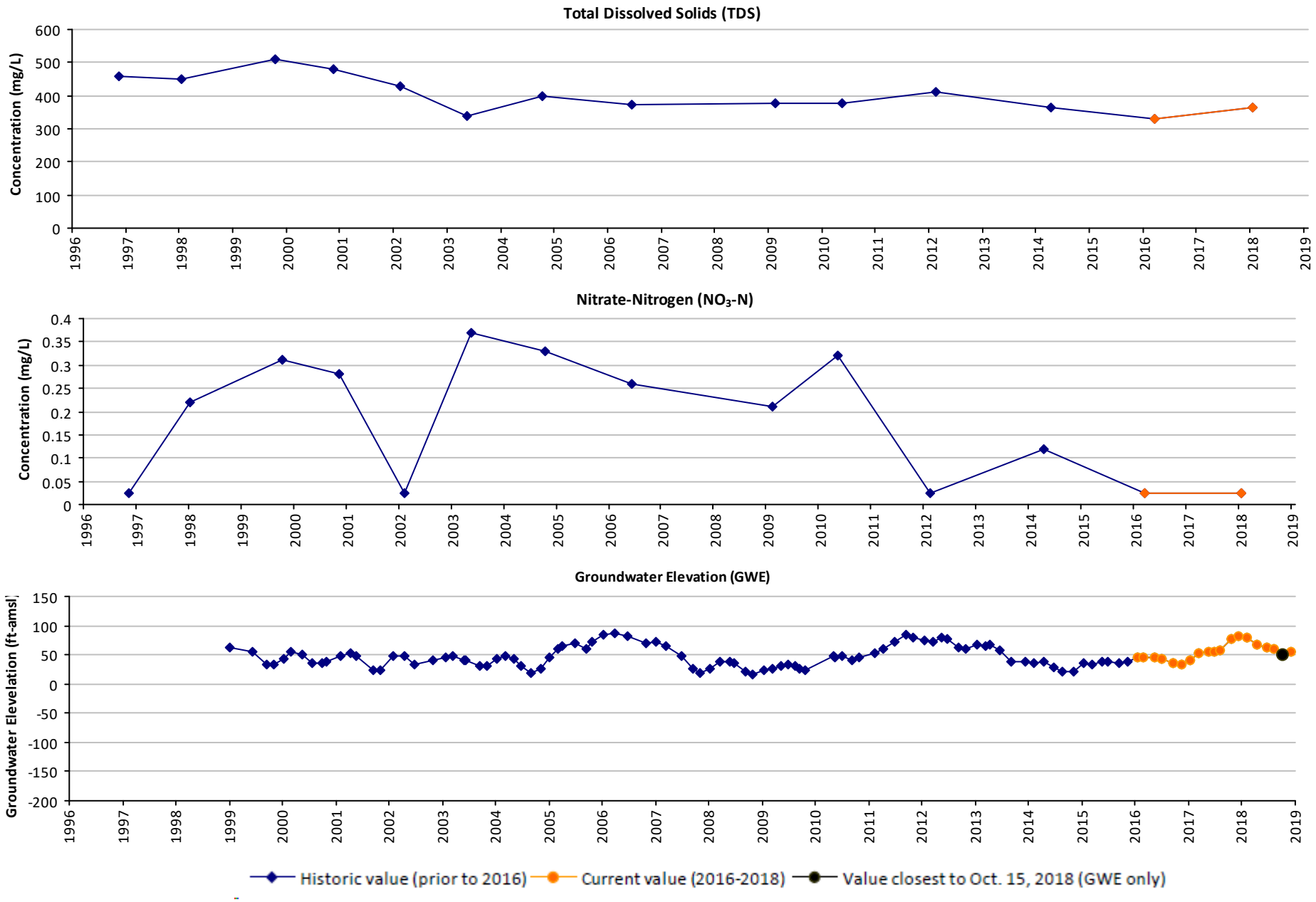
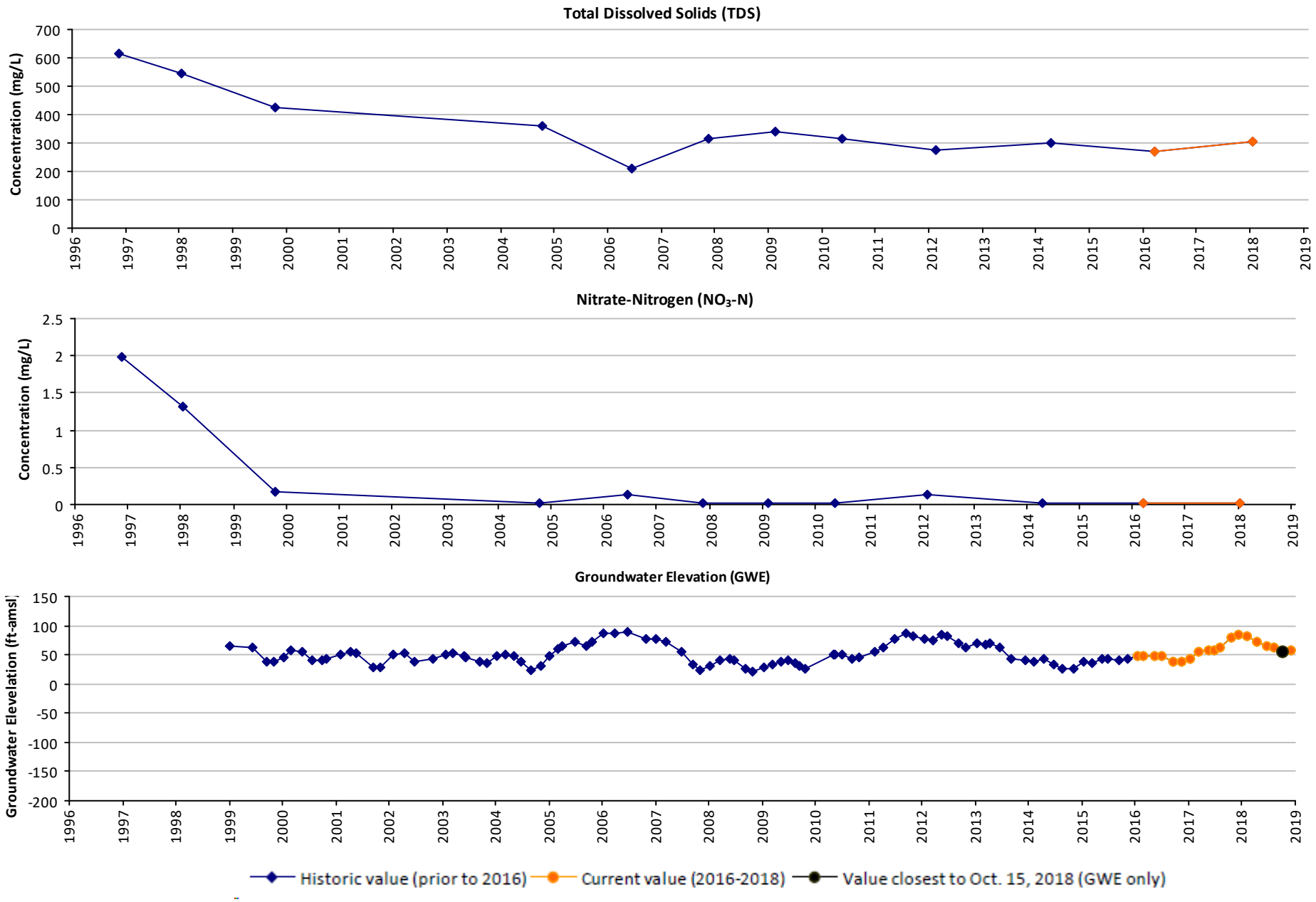
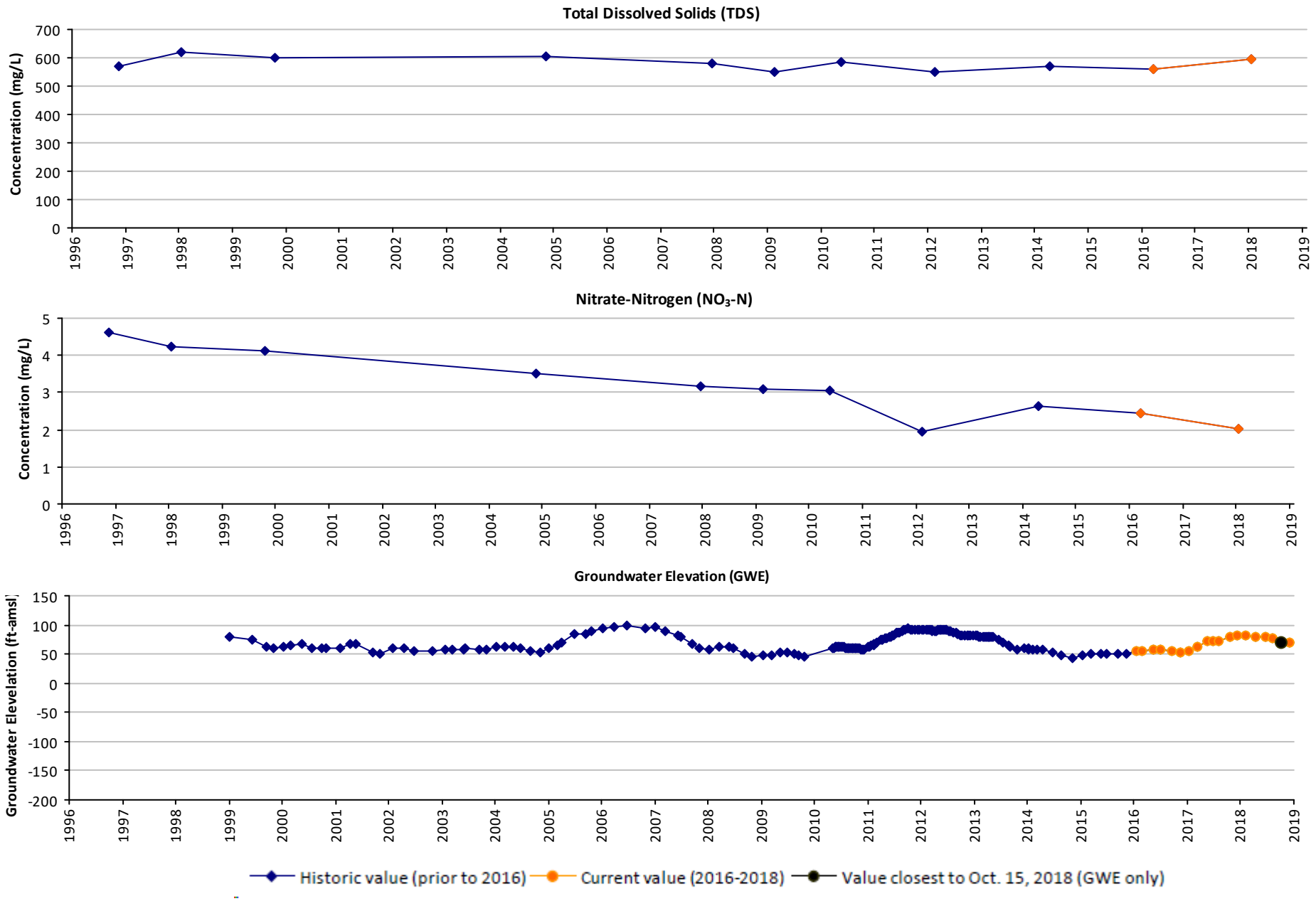
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

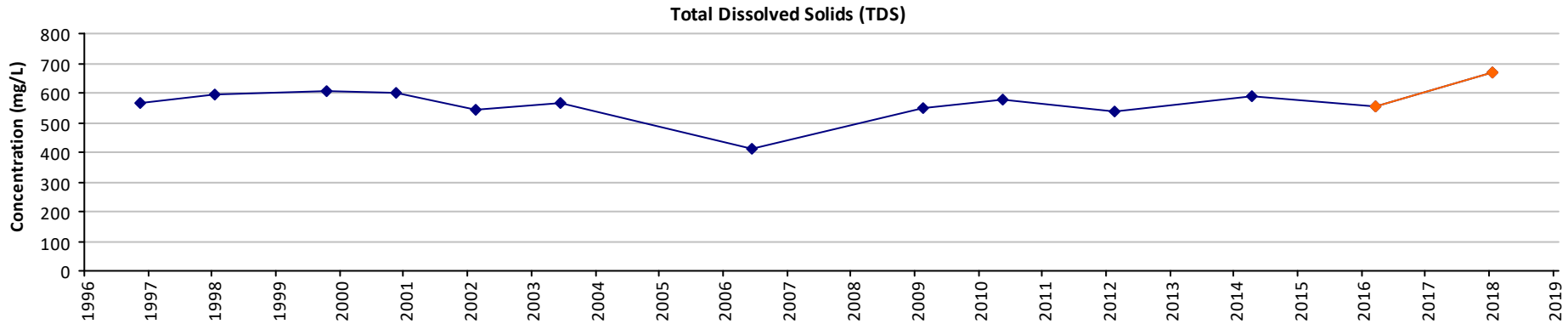

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

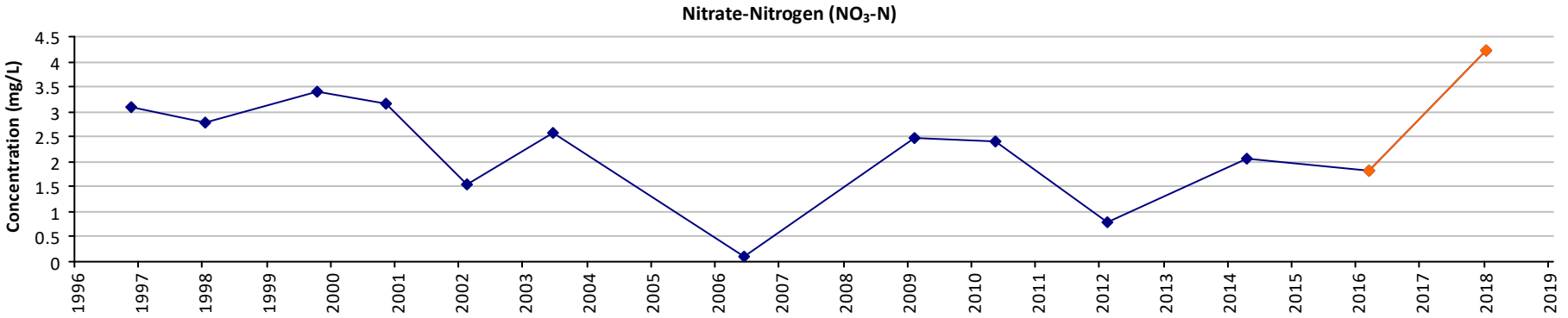

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

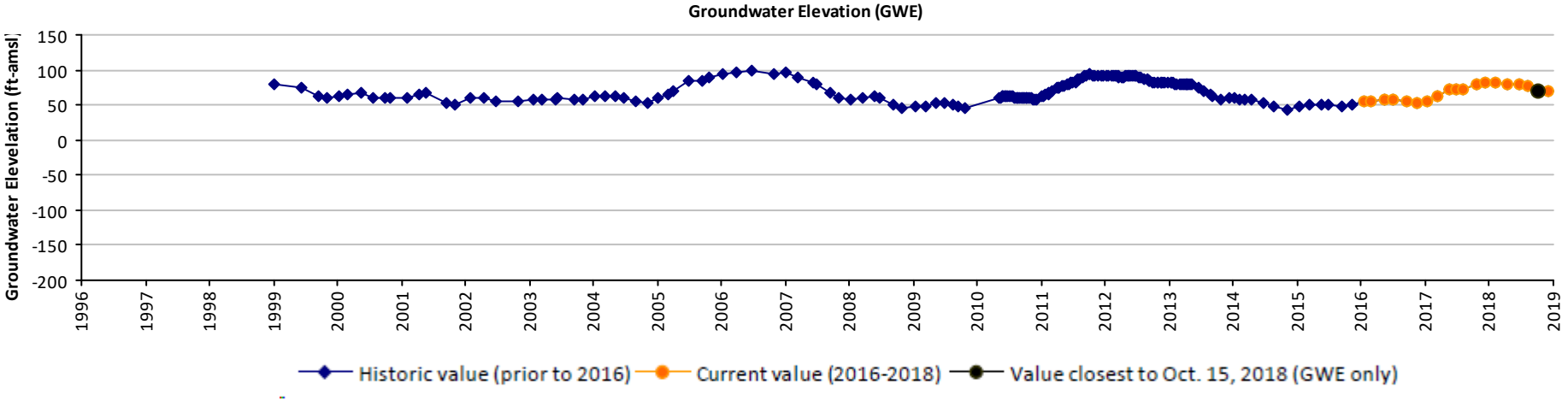

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

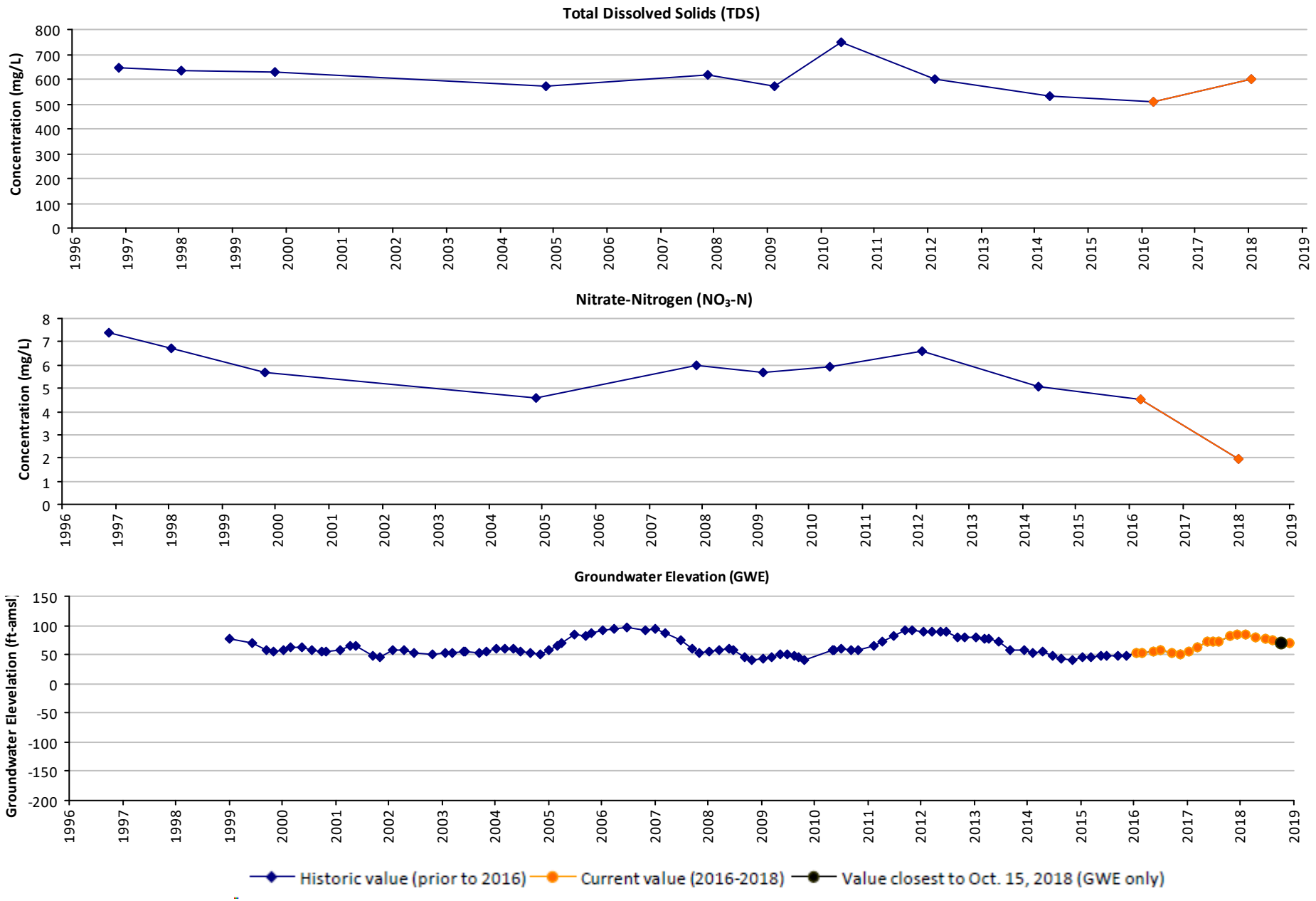
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

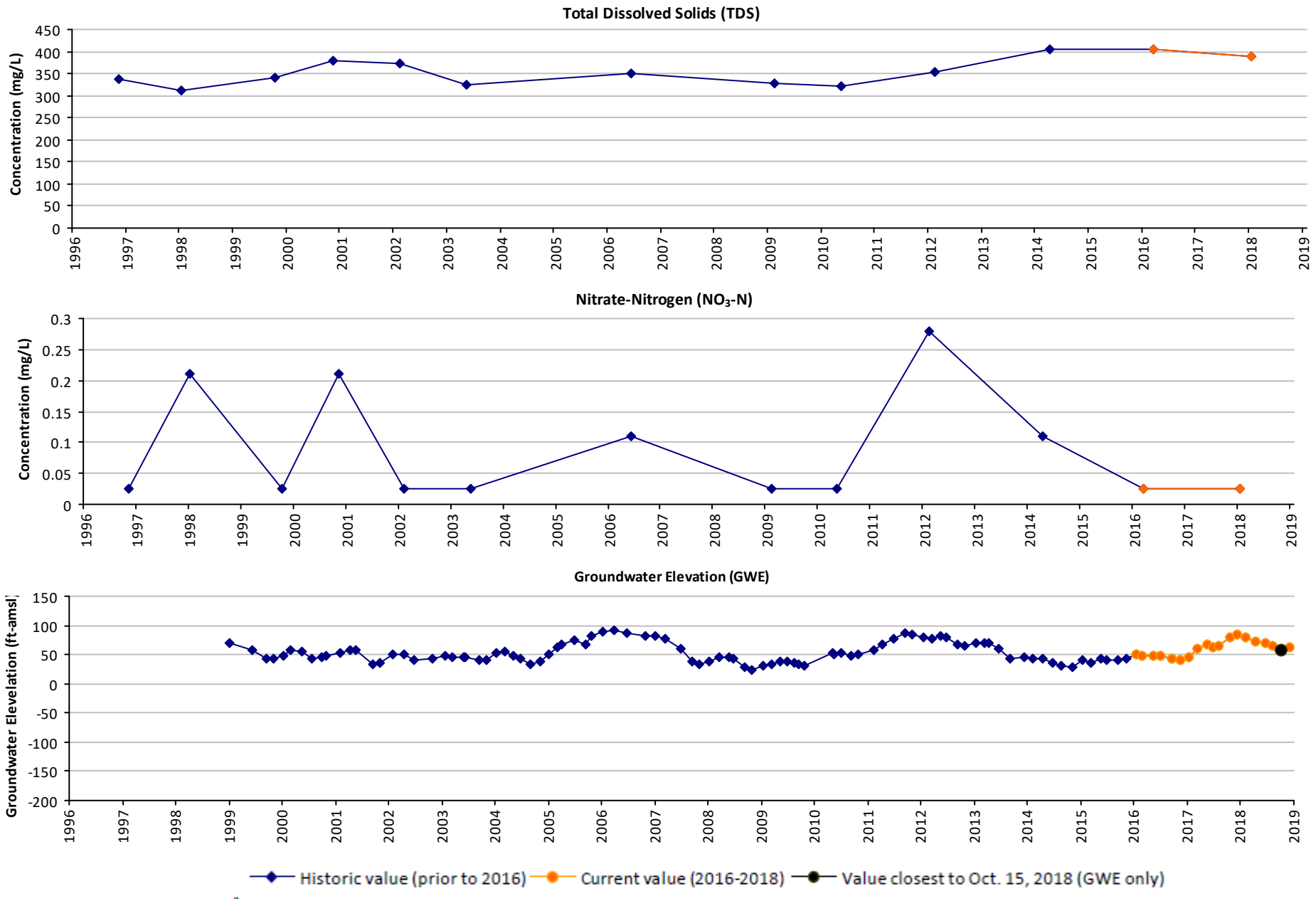
Well ID: 1214696
Management Zone: Orange County

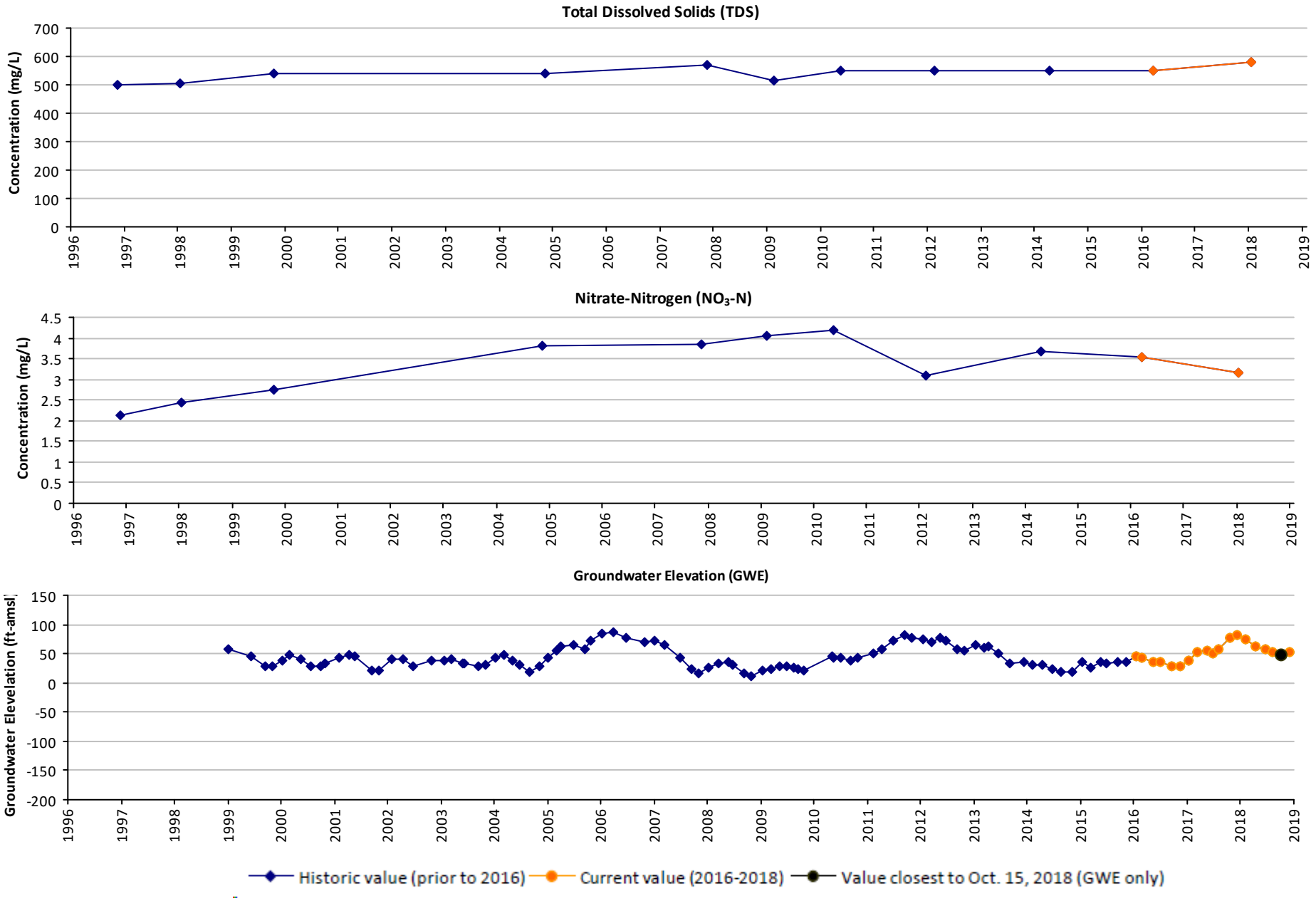


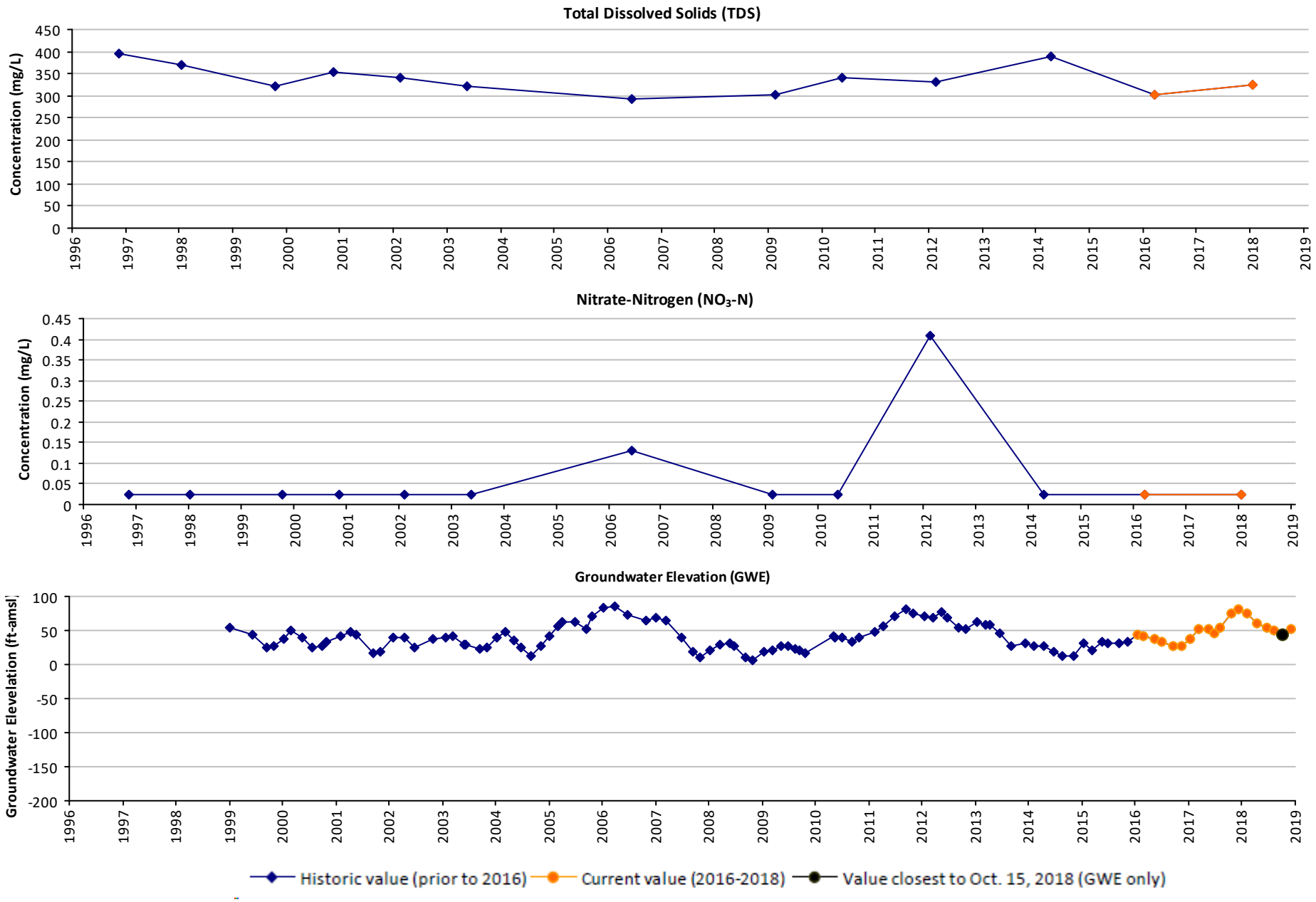


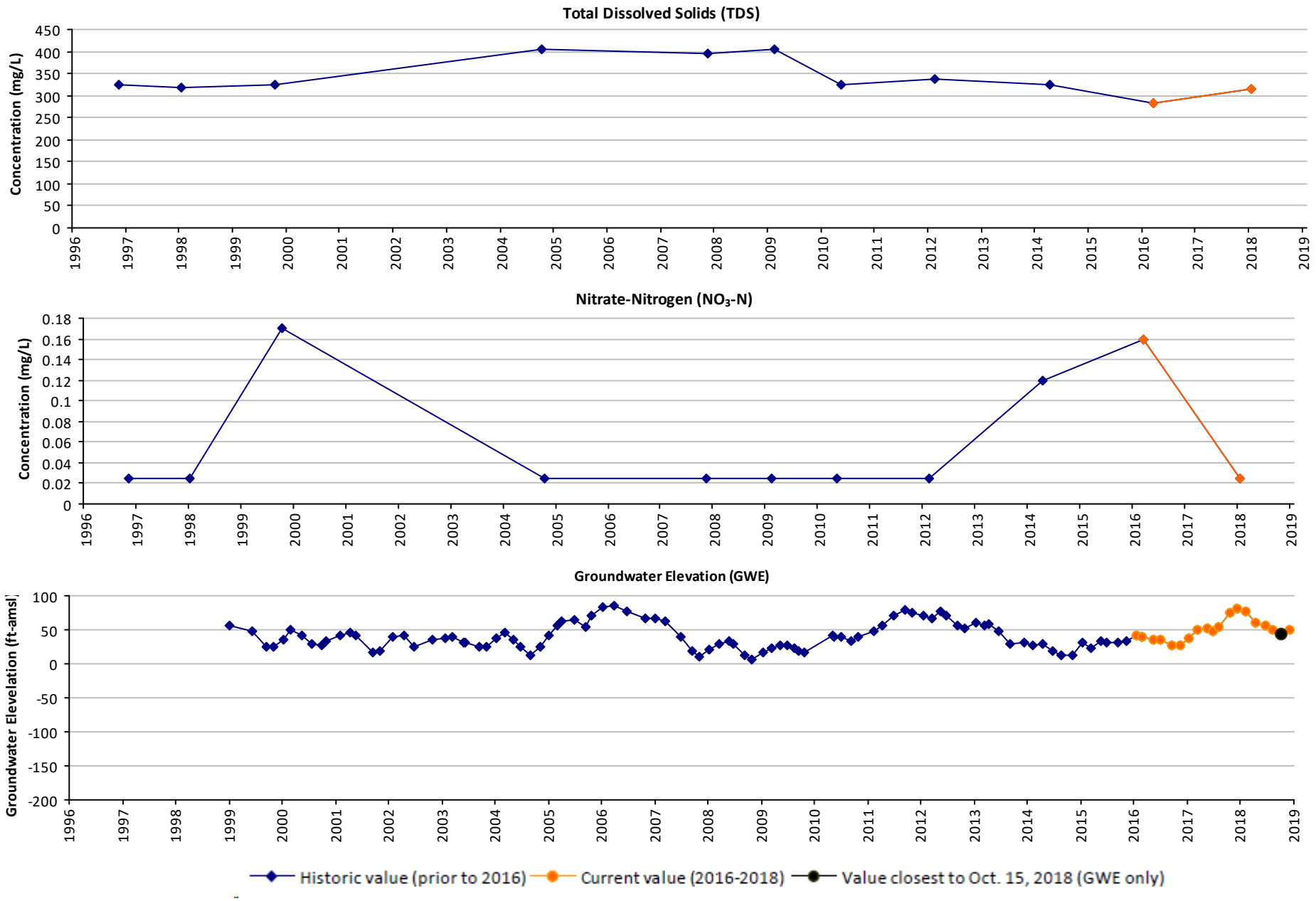


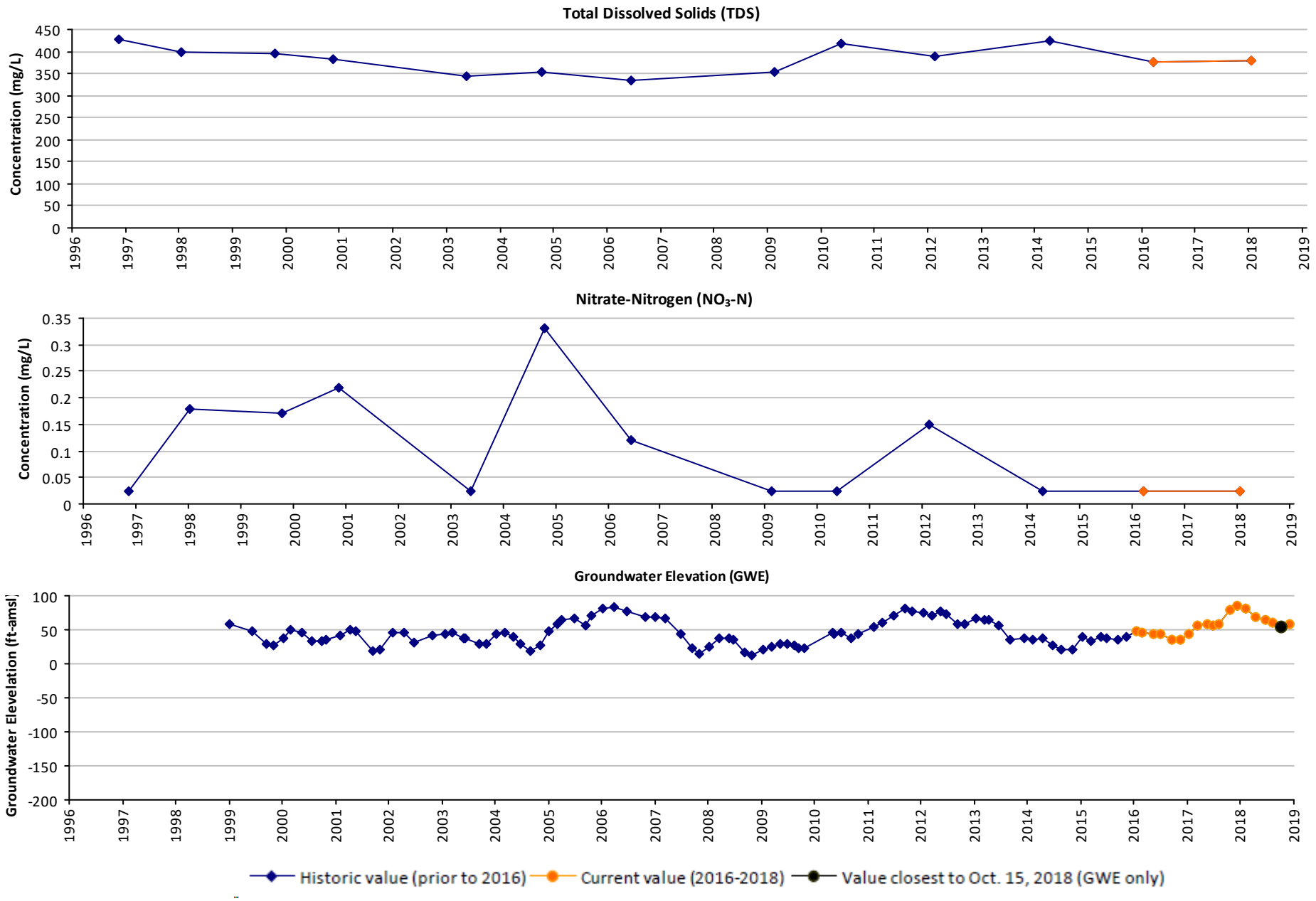

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

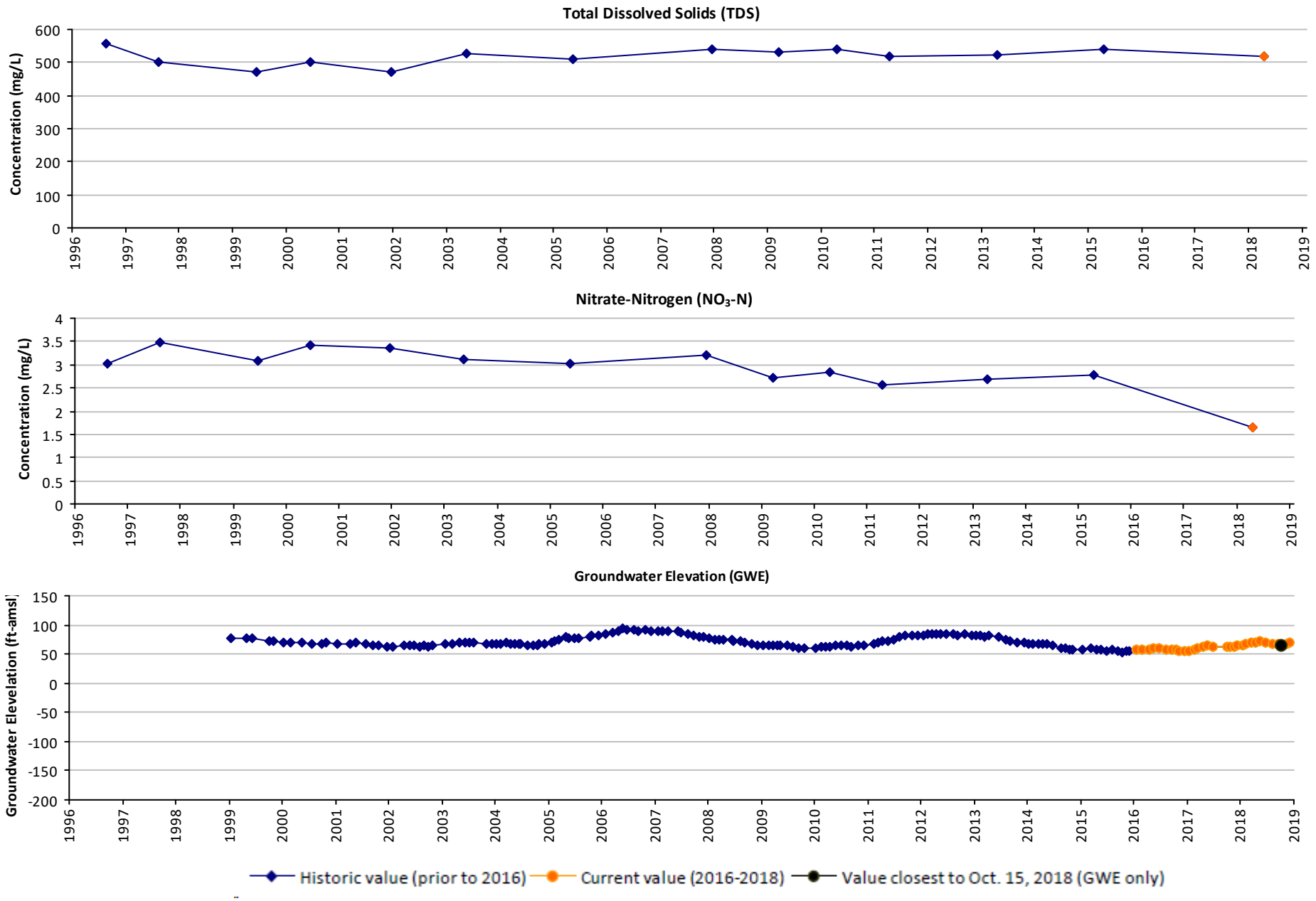

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

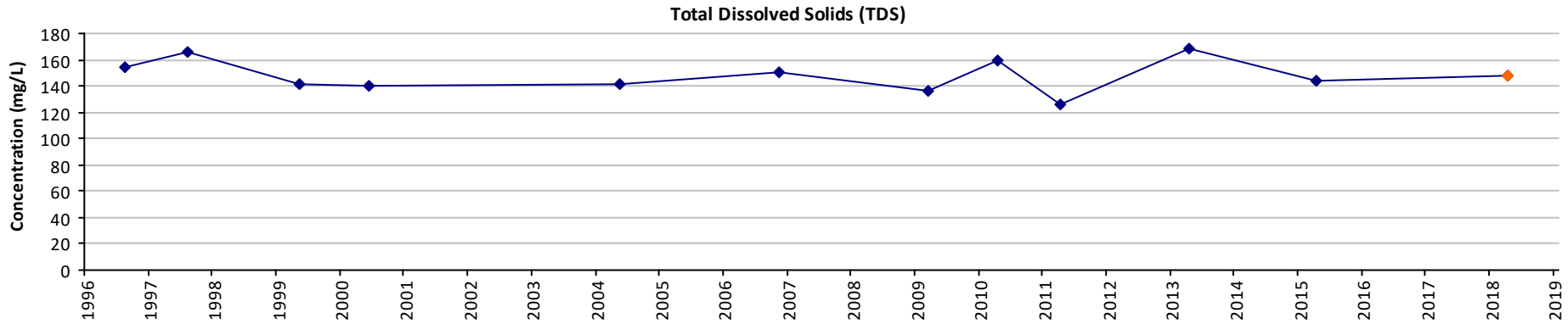

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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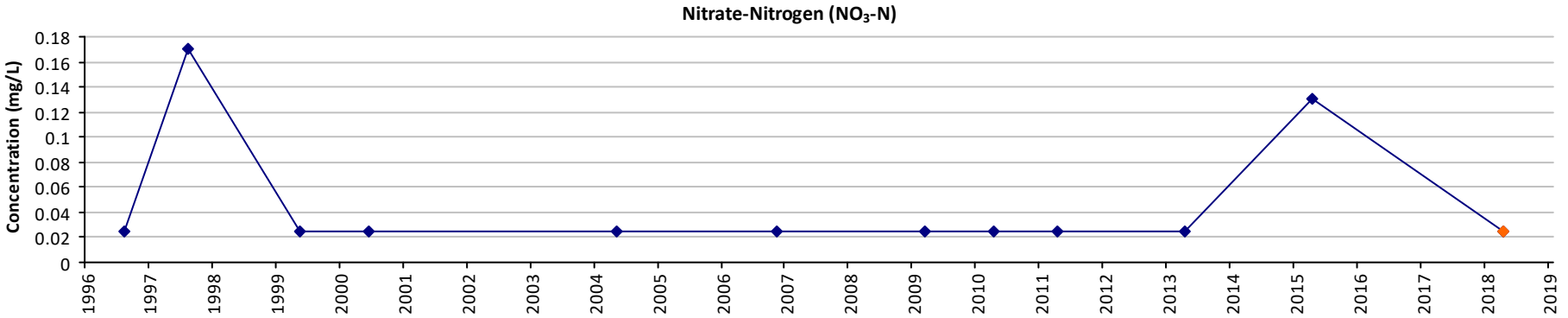
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
1996
1997
1998
1999
2000
2001
2002
2003
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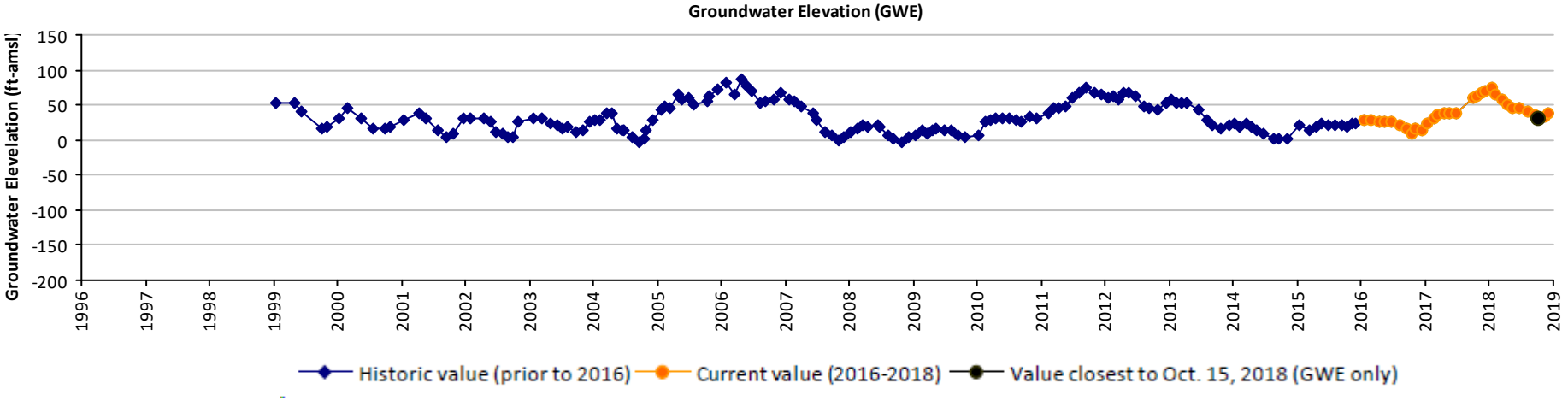
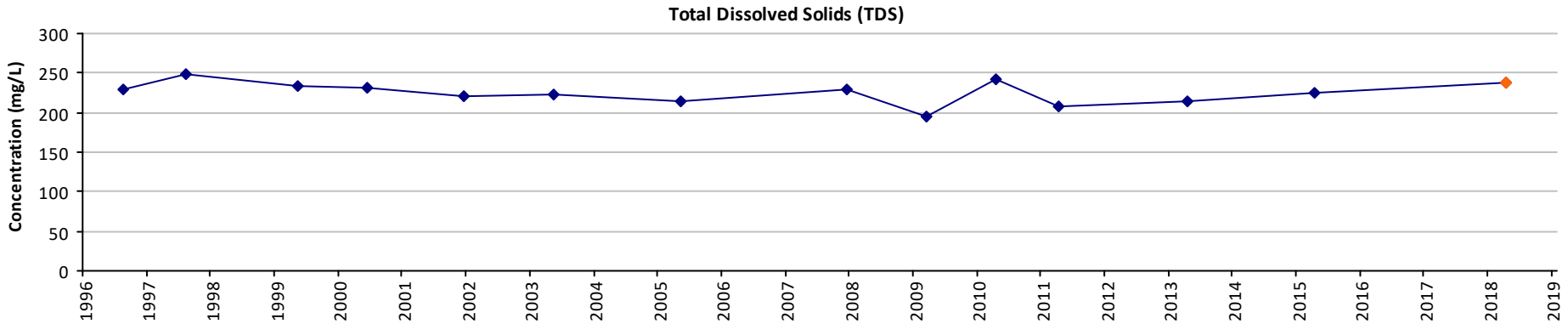
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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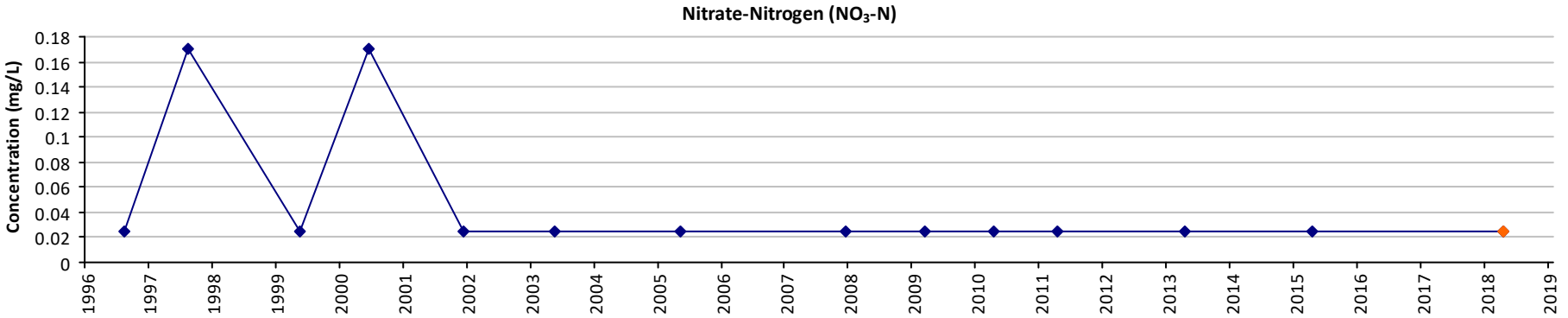
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2008
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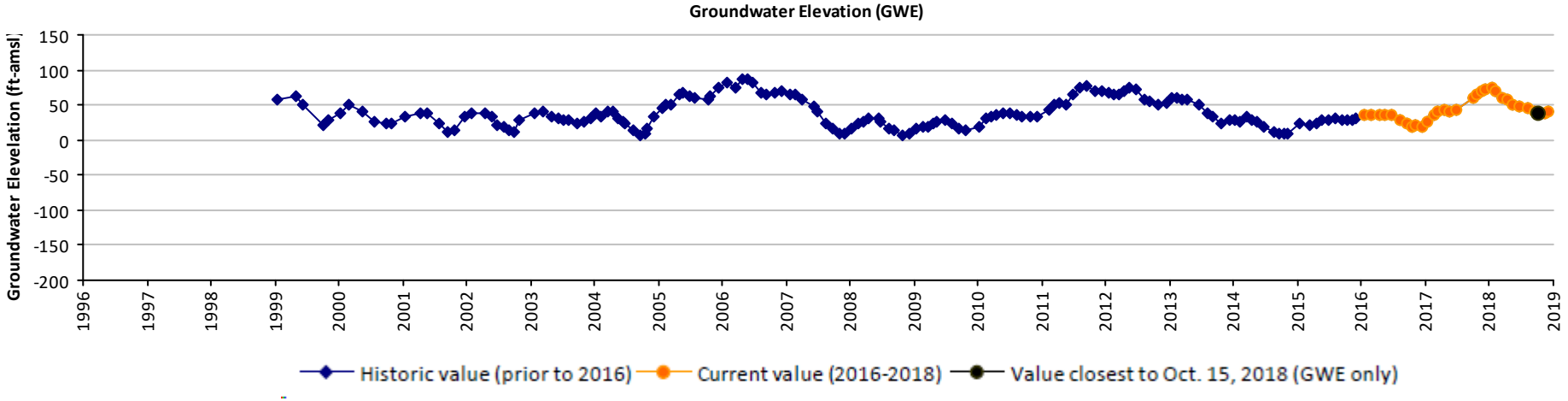
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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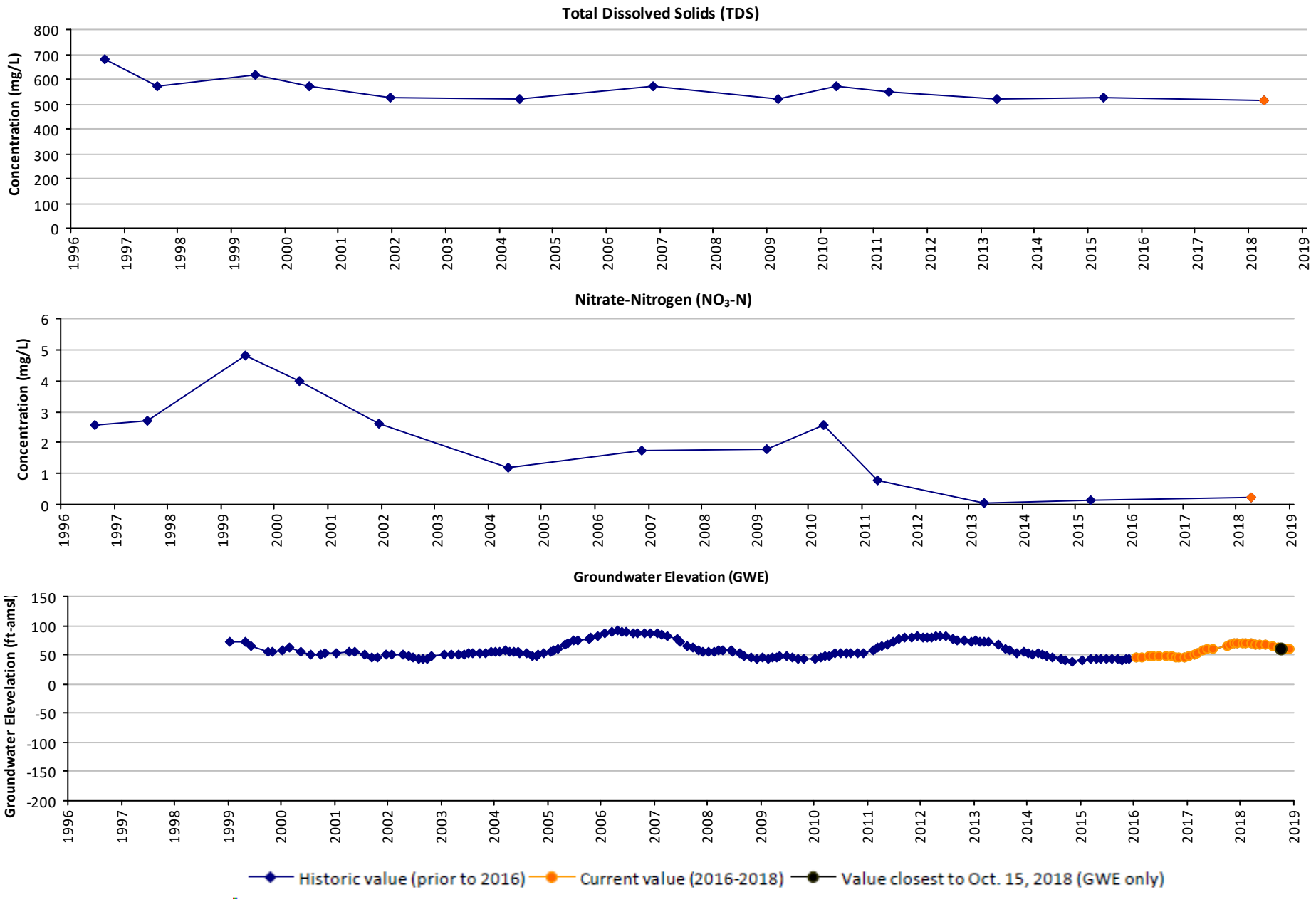
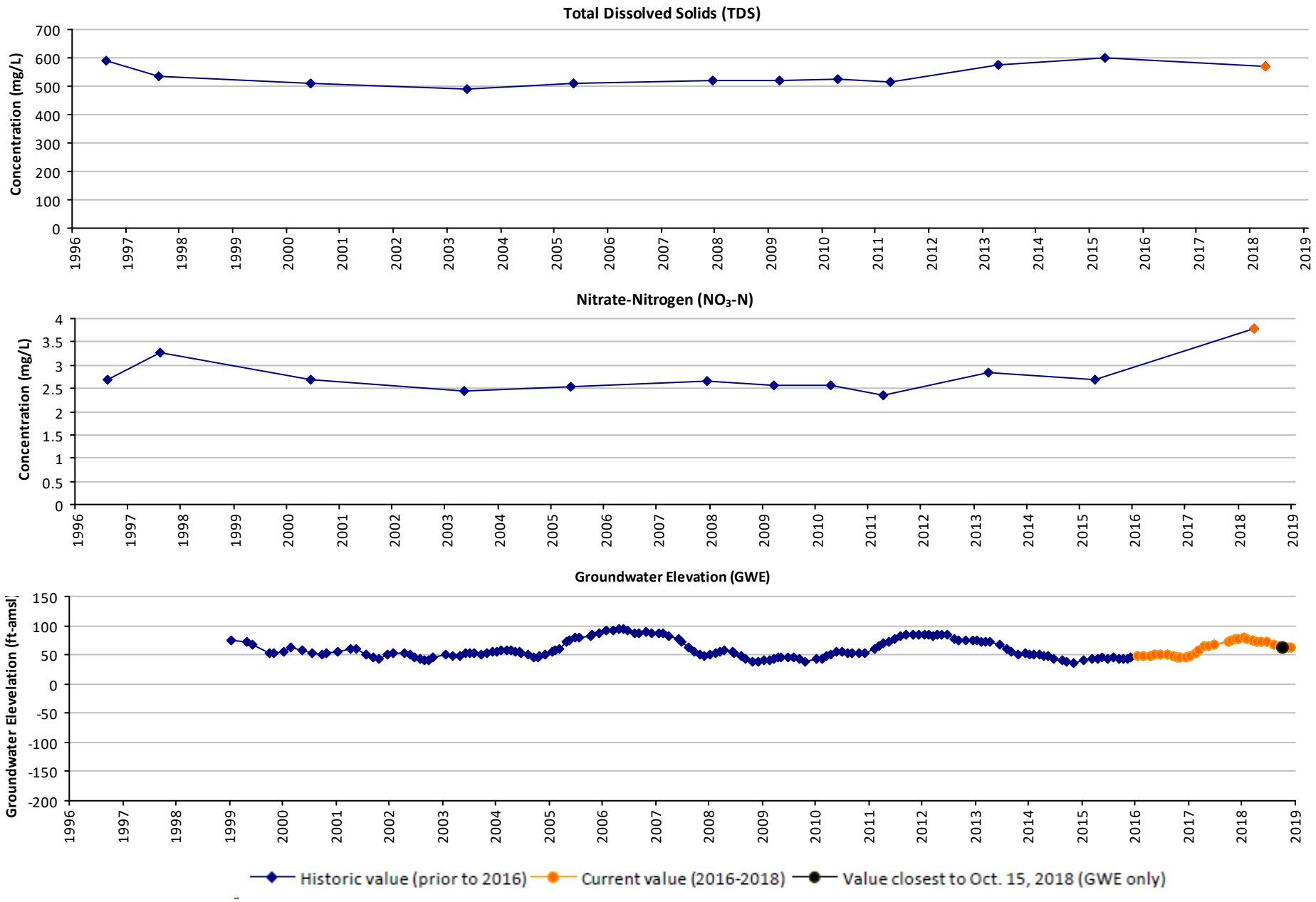
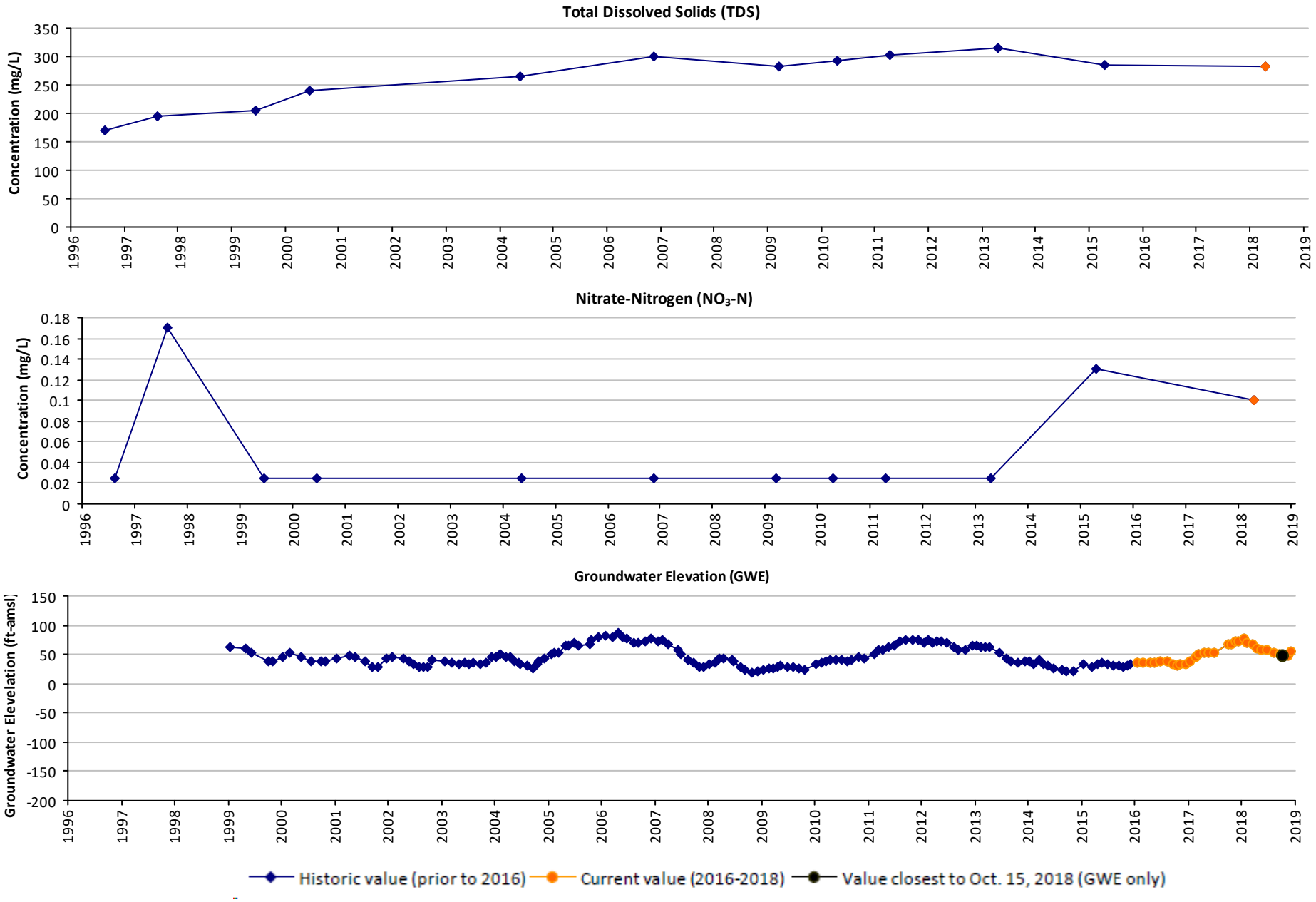
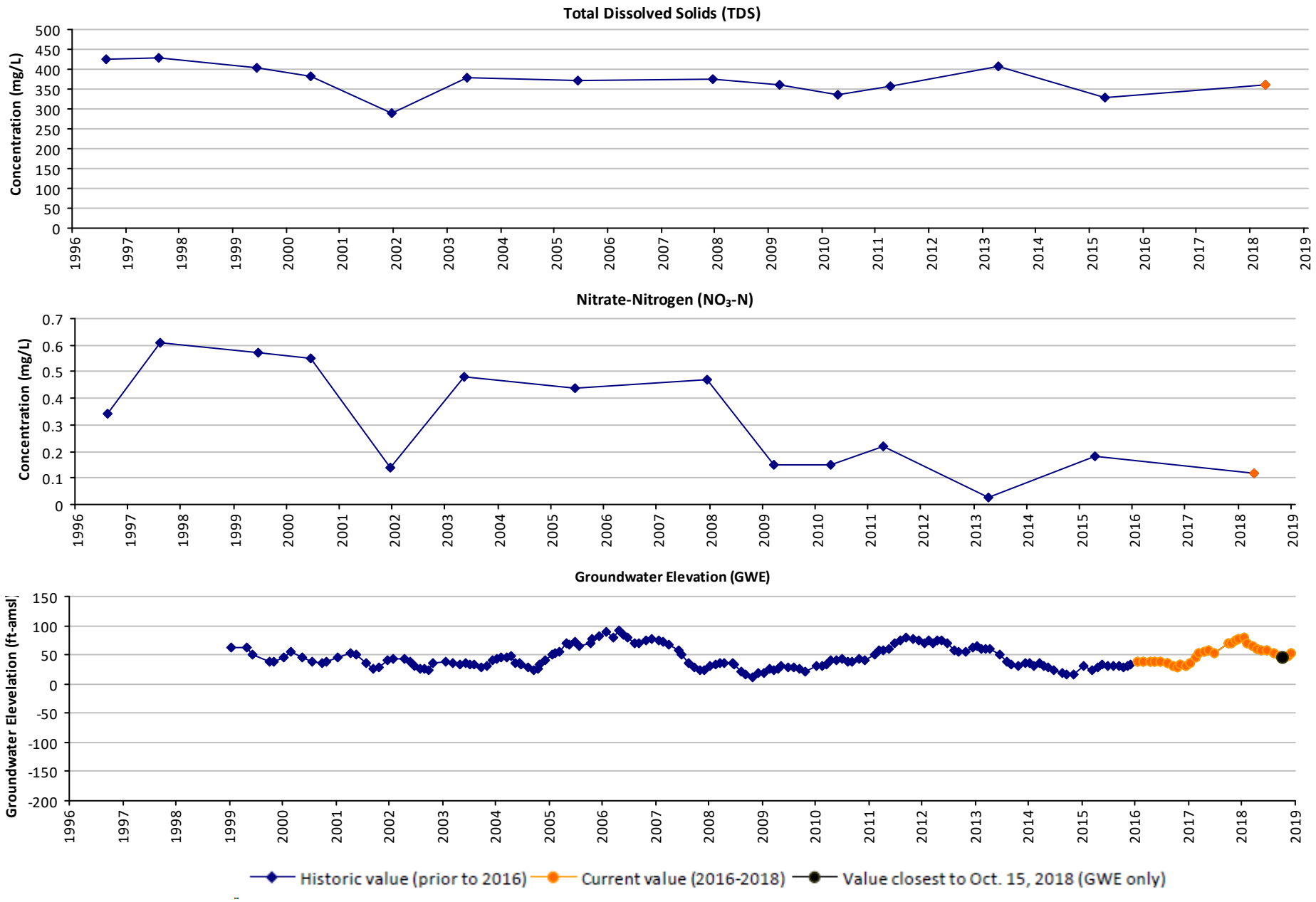
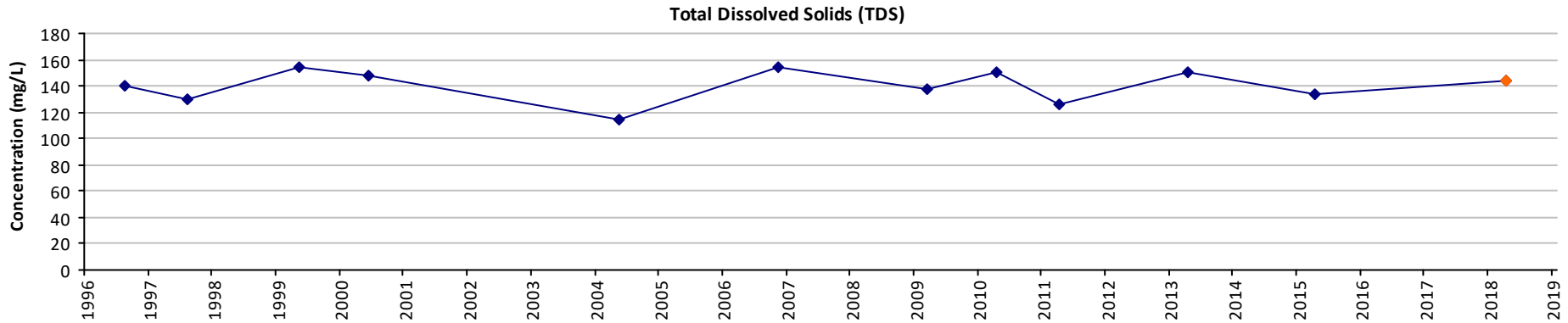
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
1996
1997
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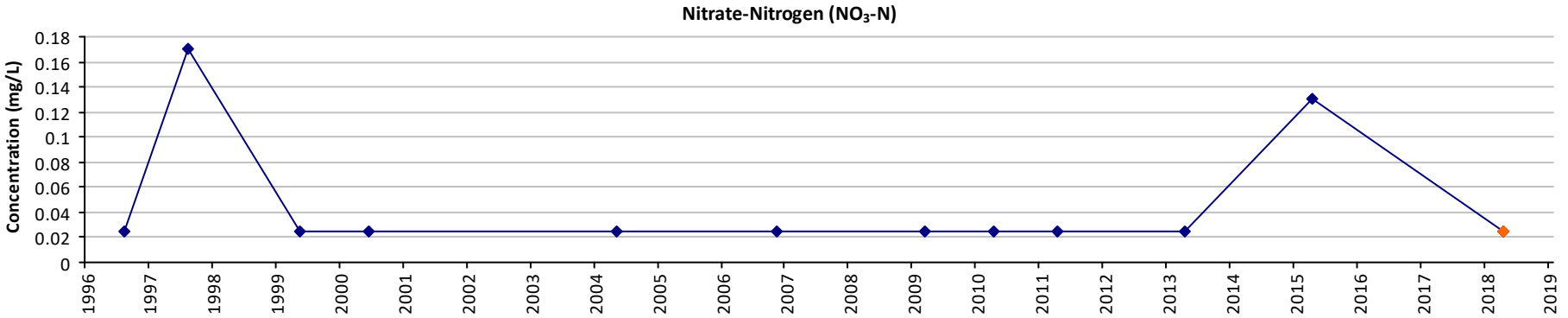
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
1996
1997
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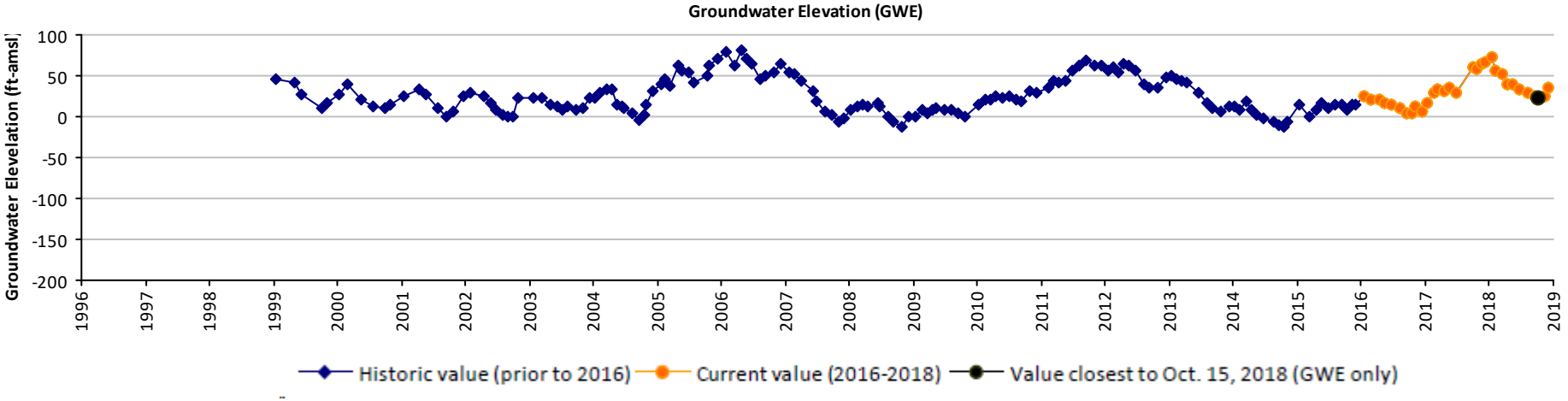
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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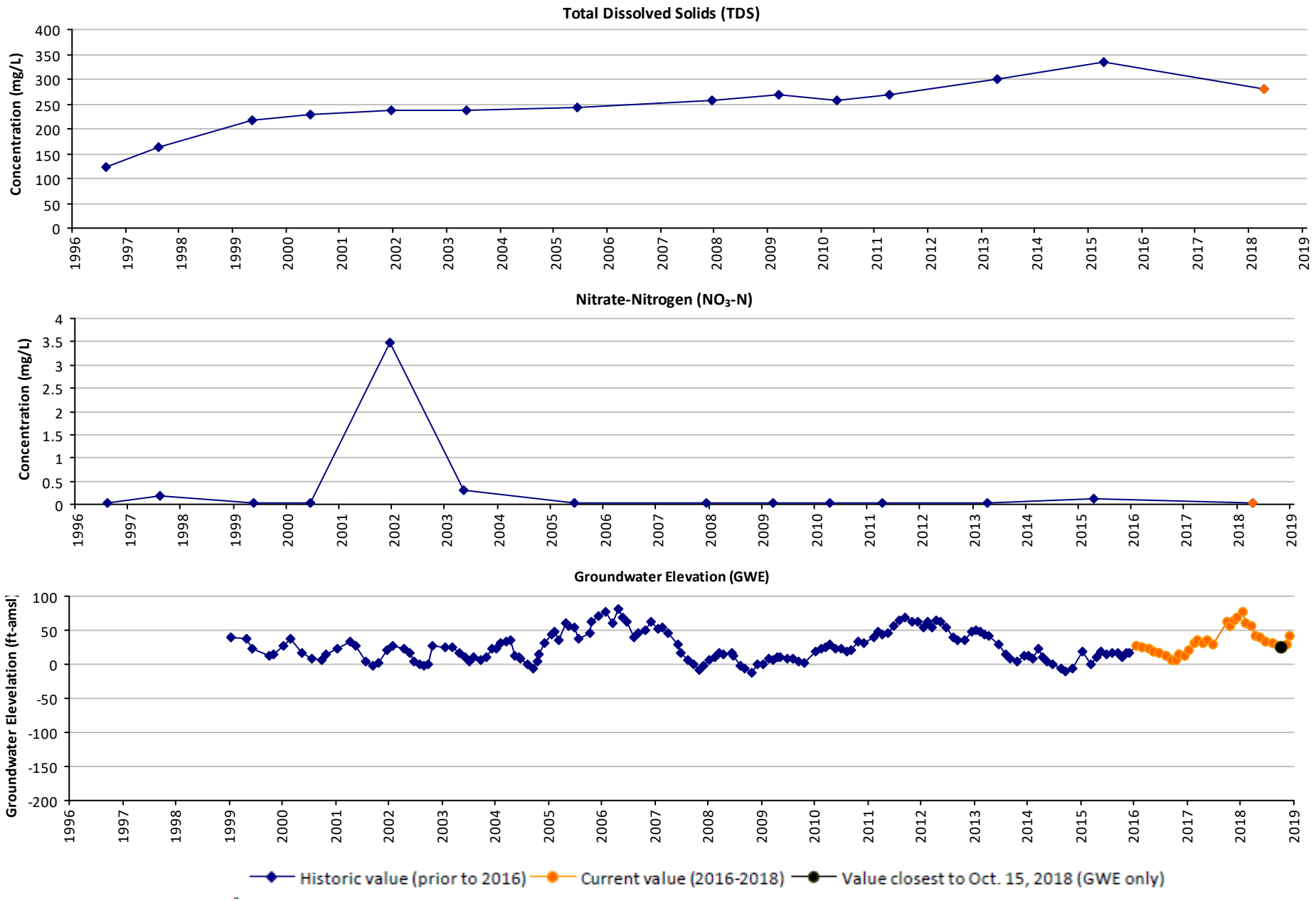
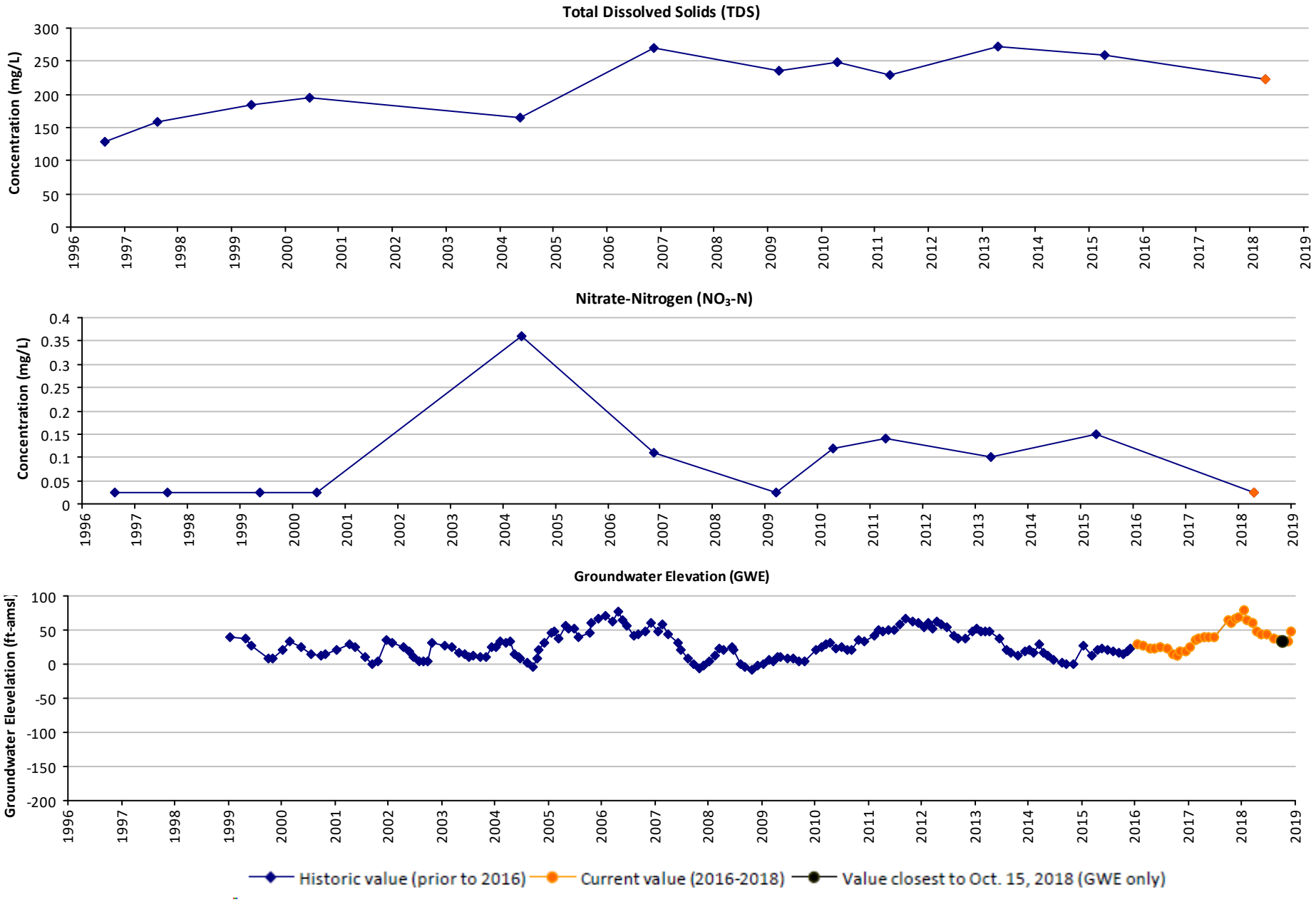
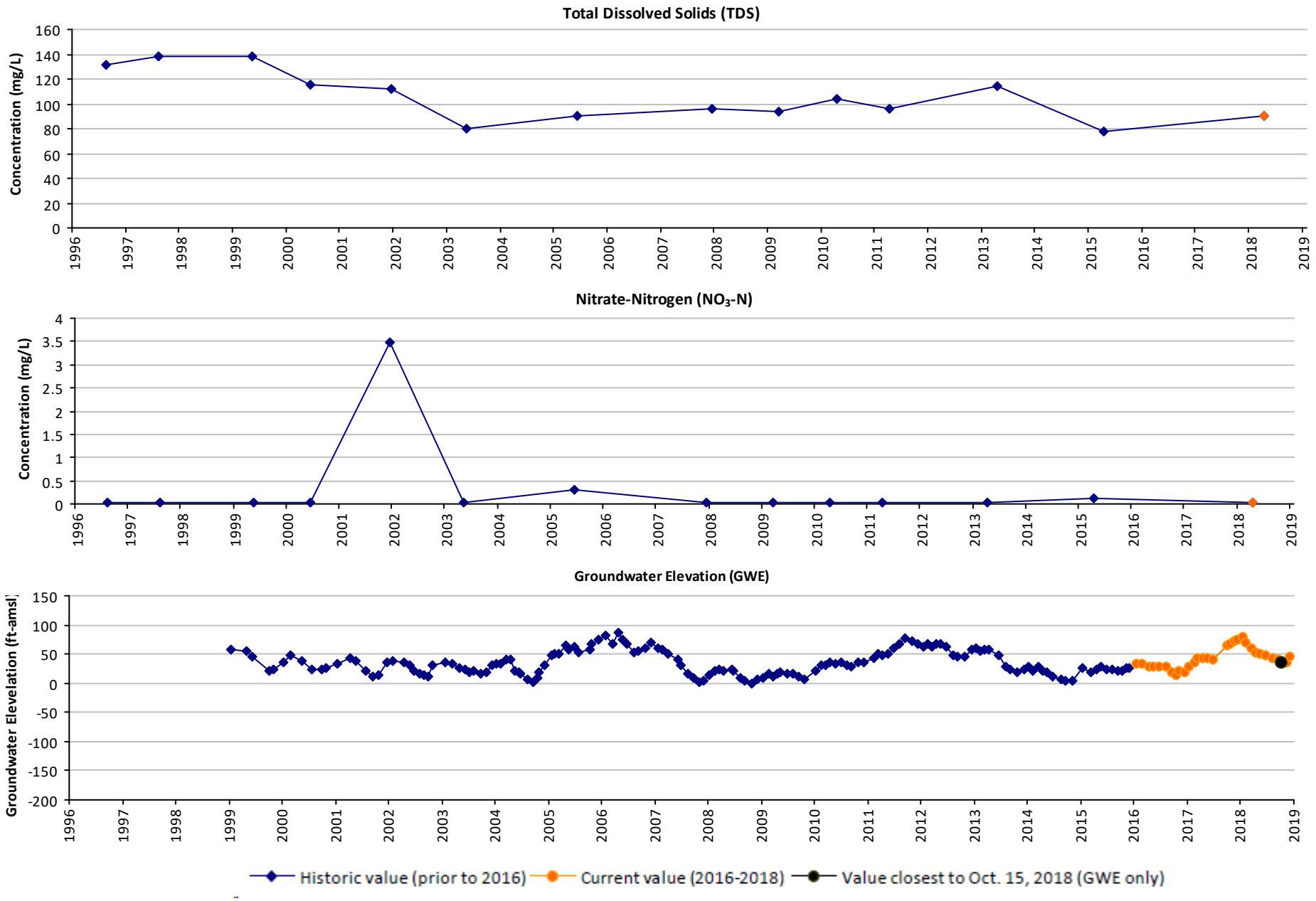
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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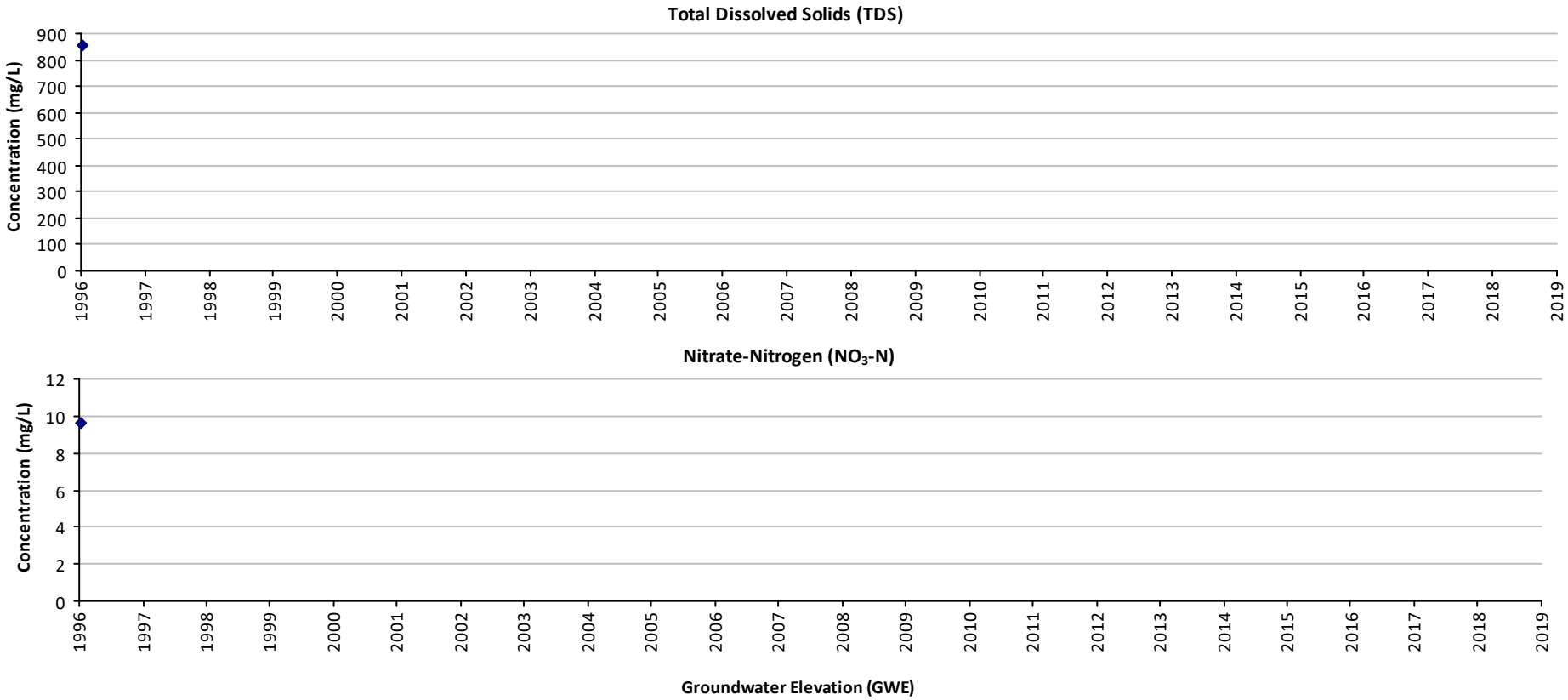
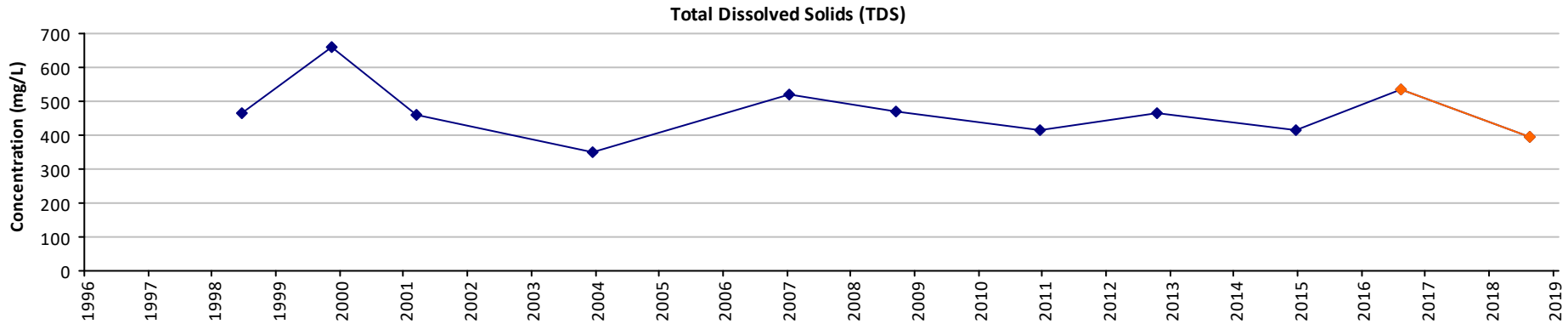
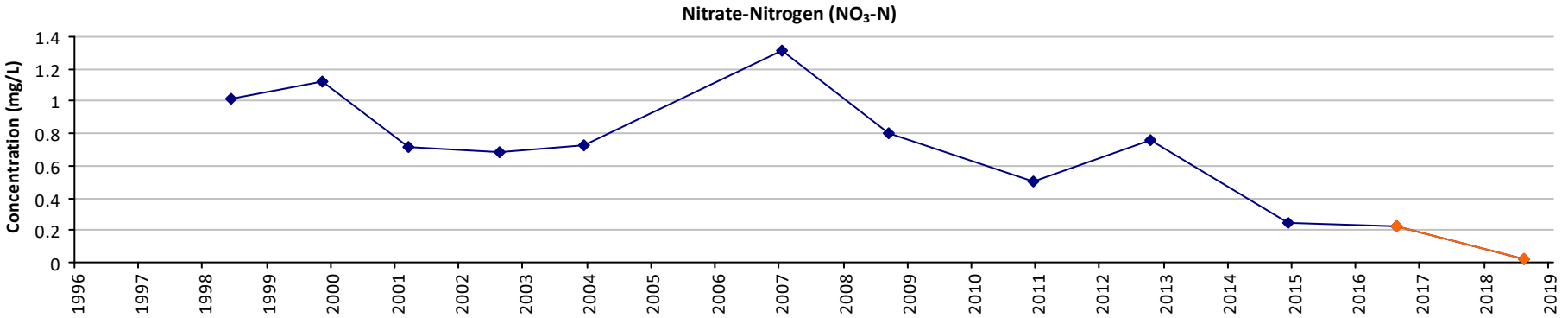
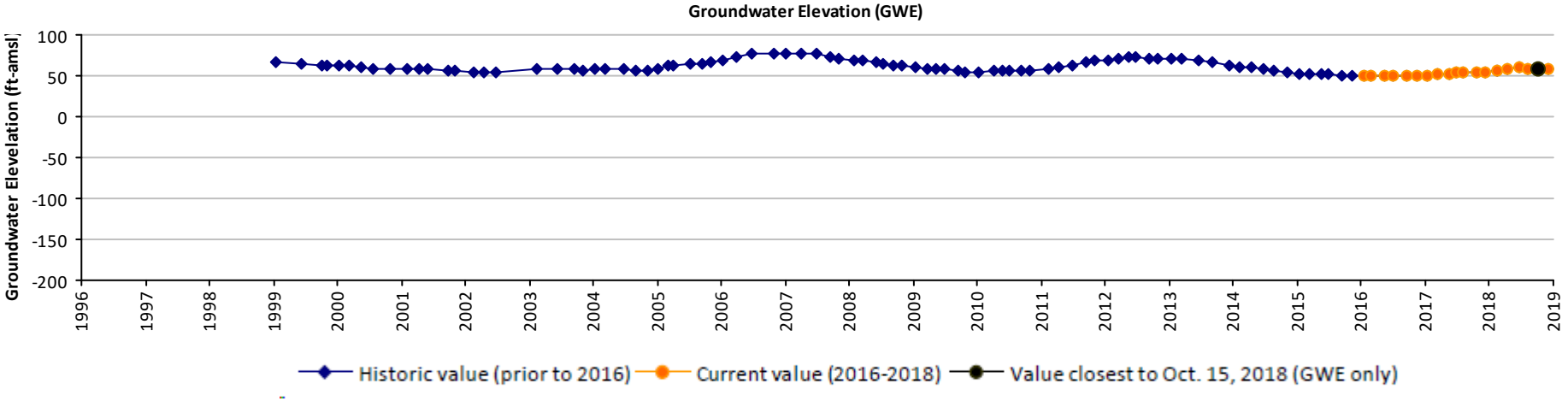

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

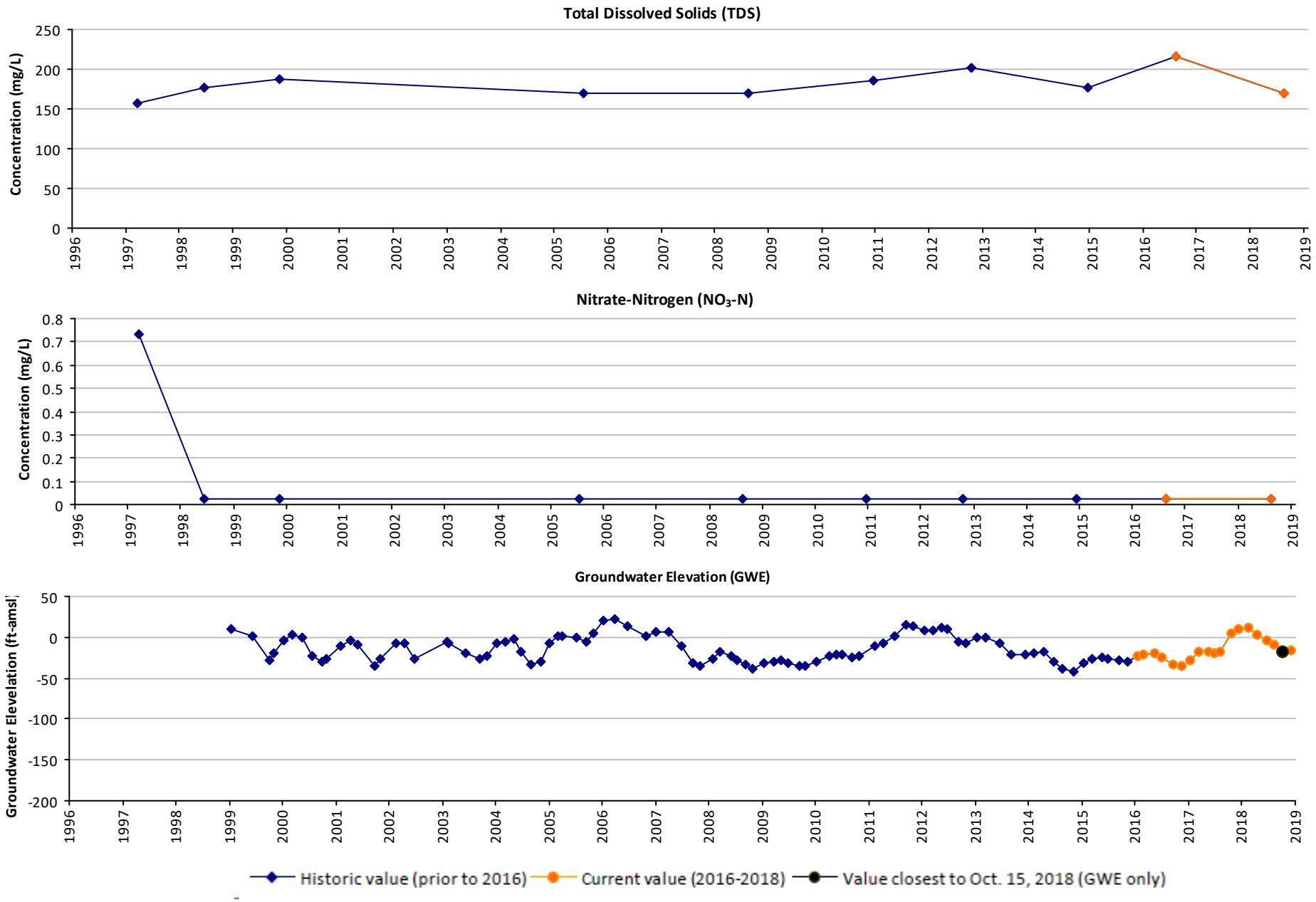
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

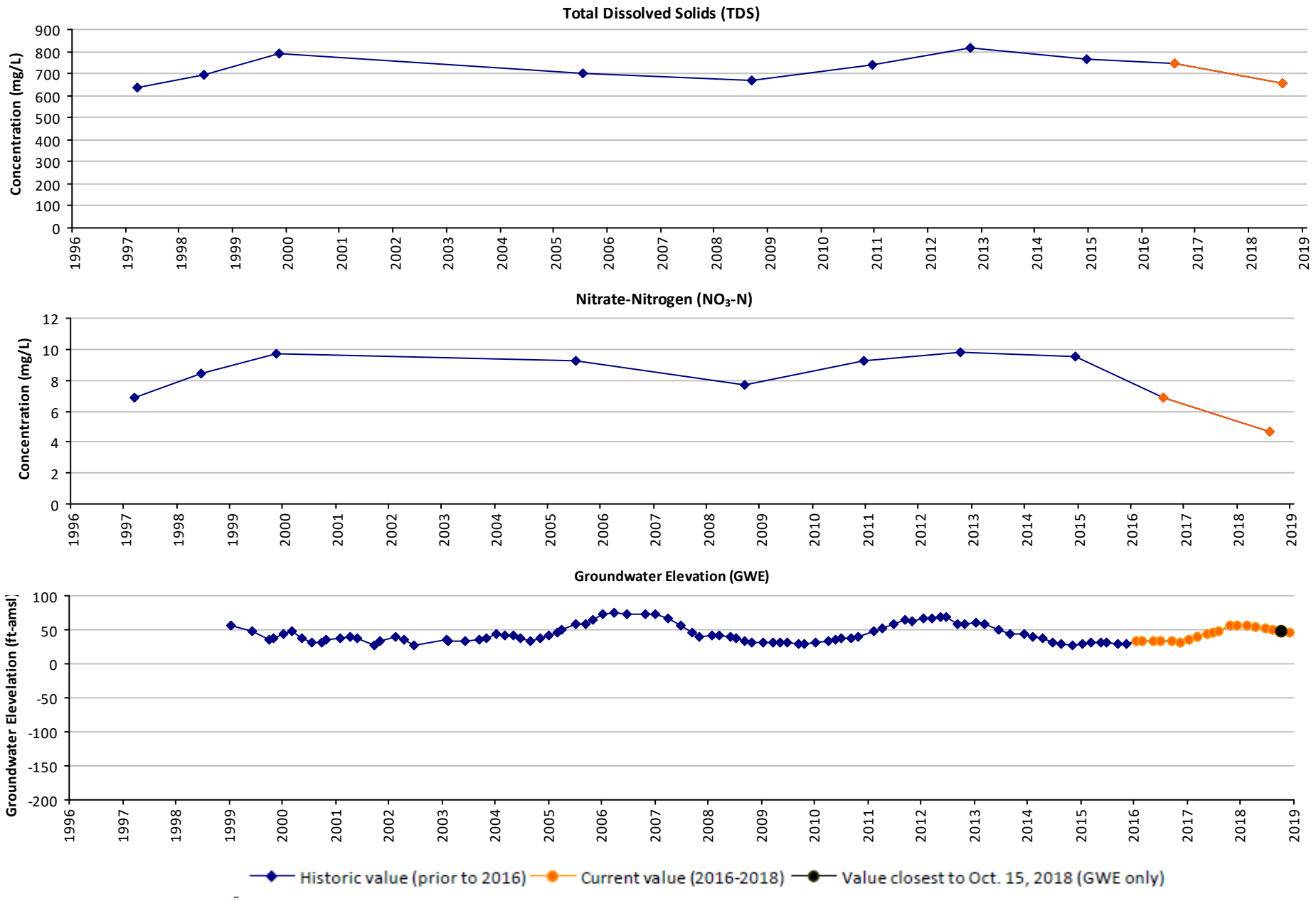
Well ID: 1214737
Management Zone: Orange County

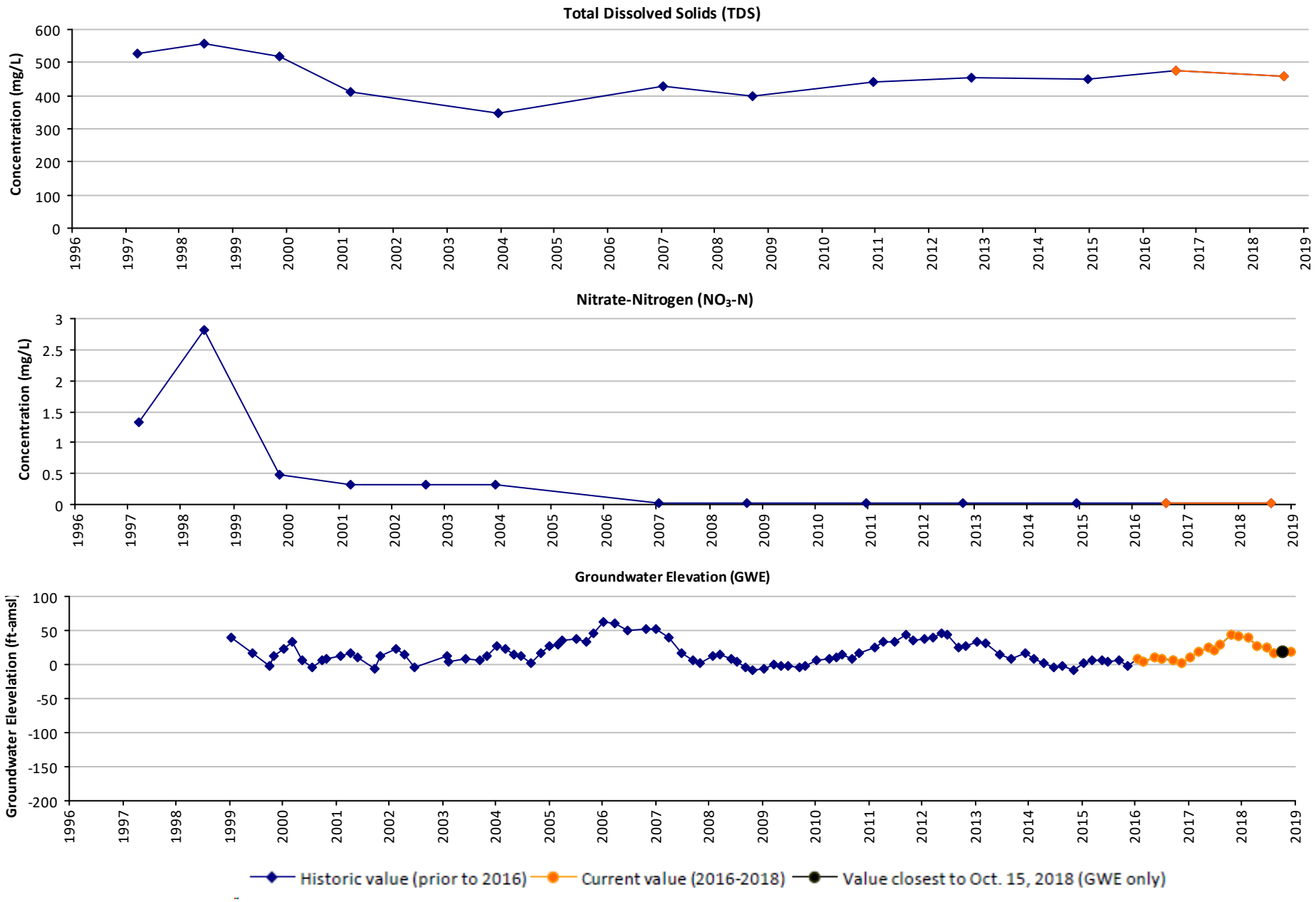


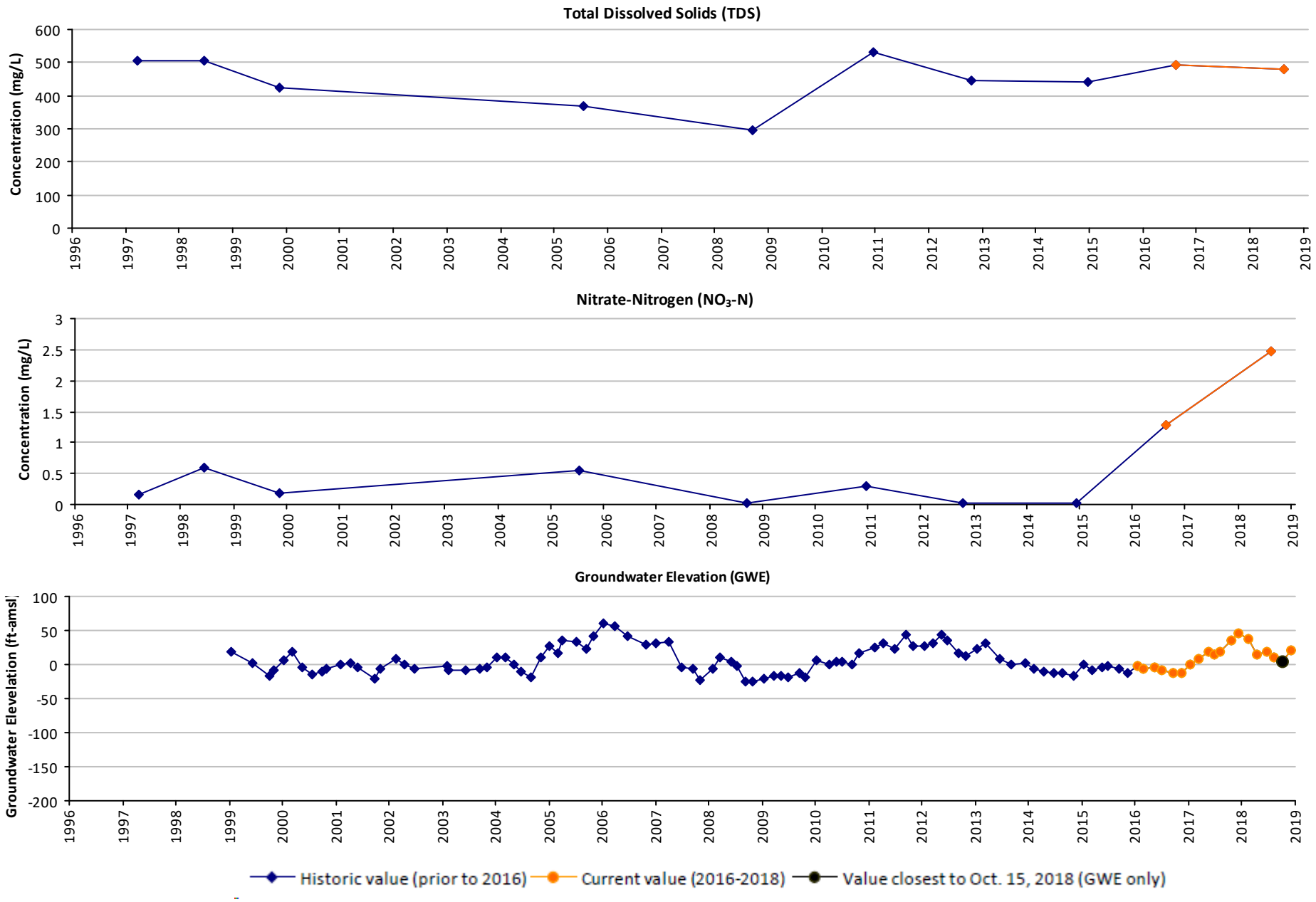


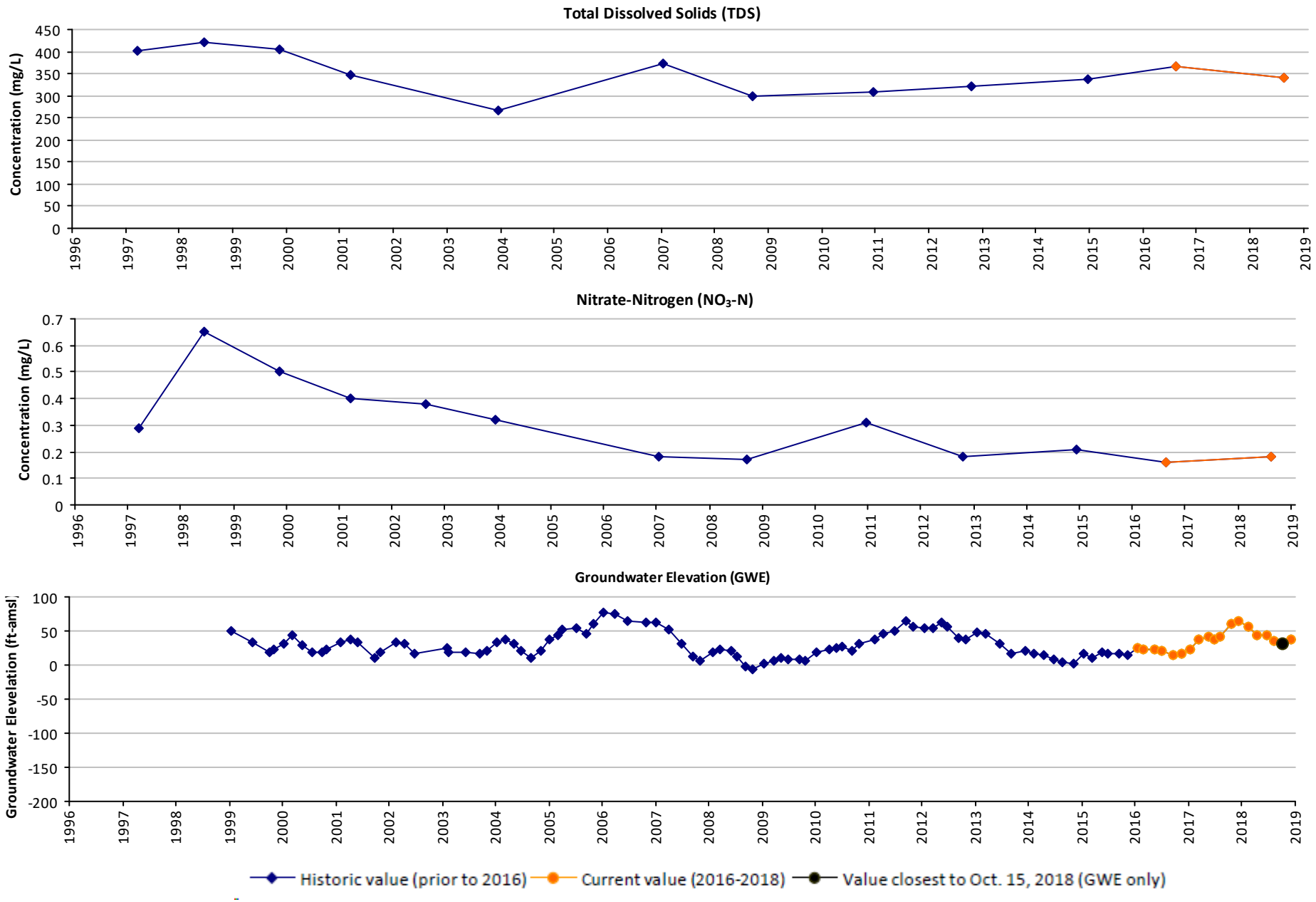


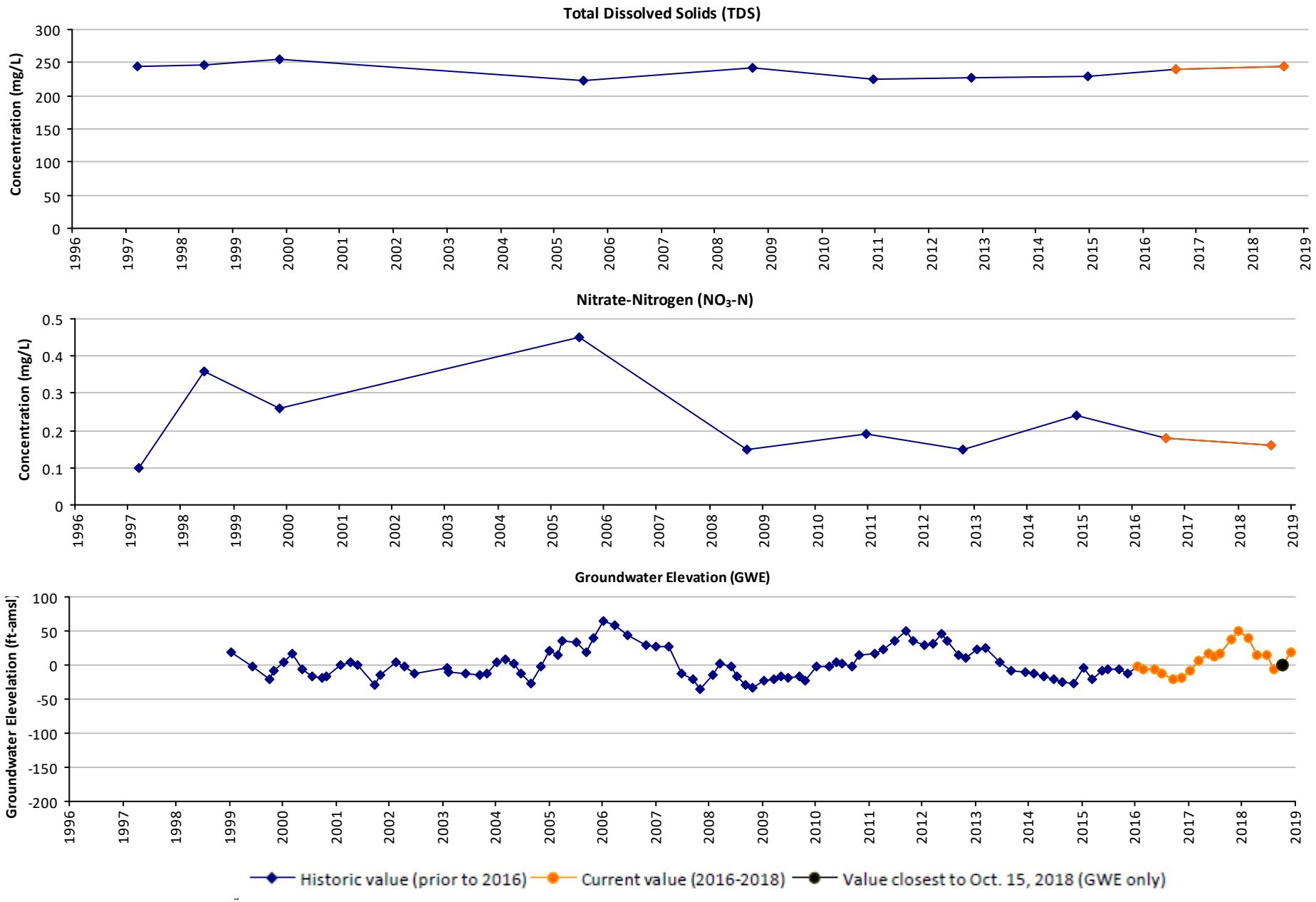

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

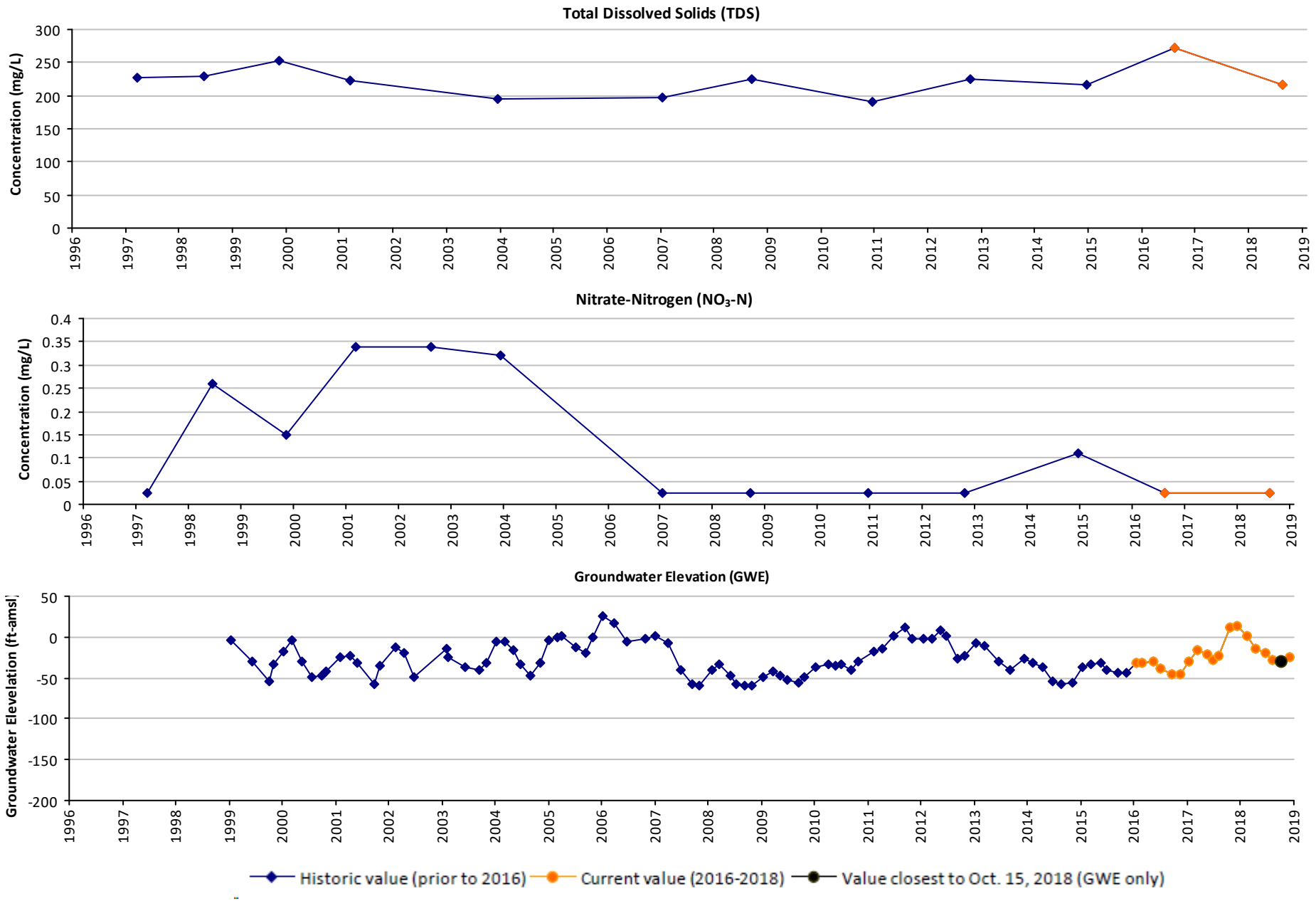

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

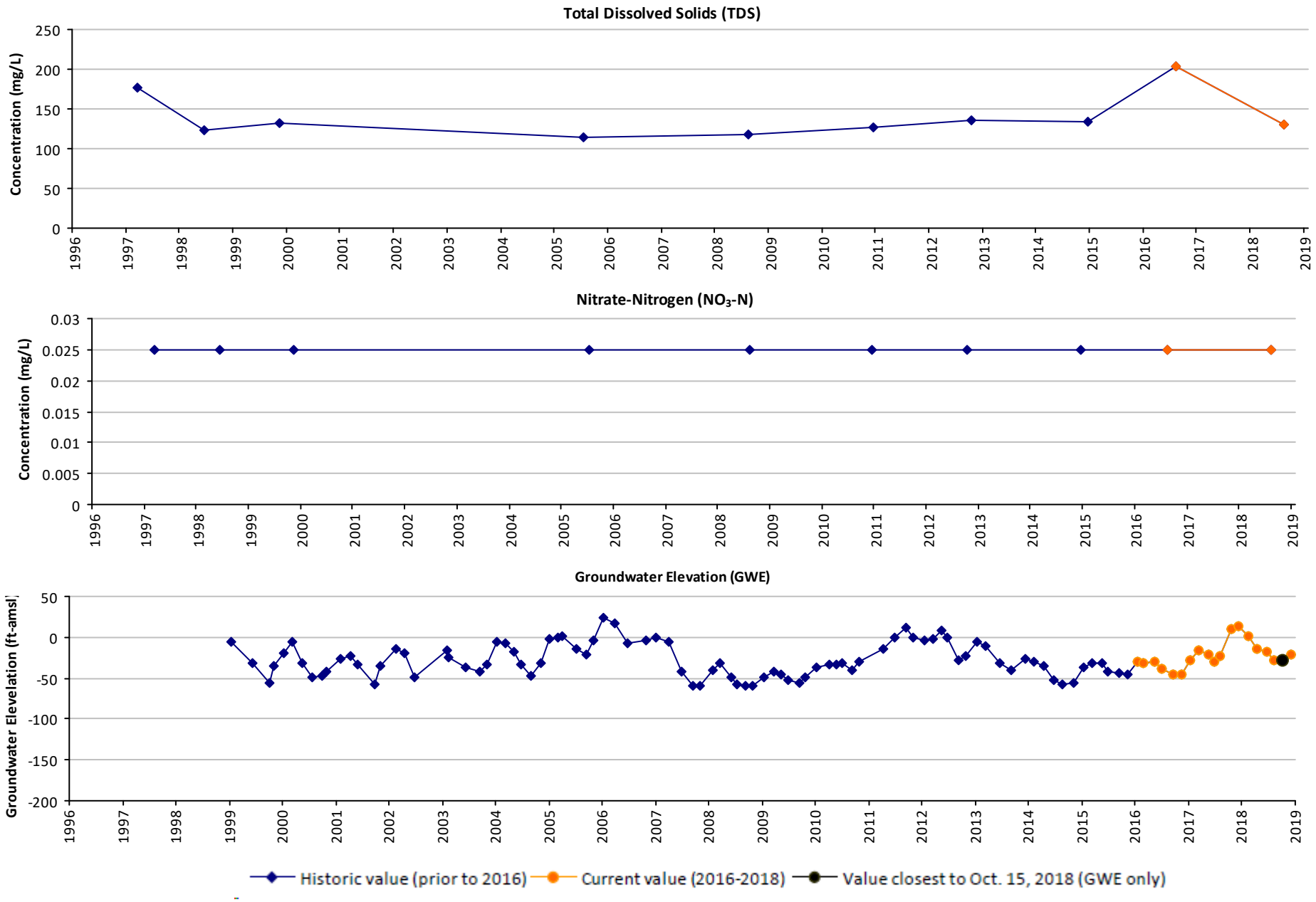

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

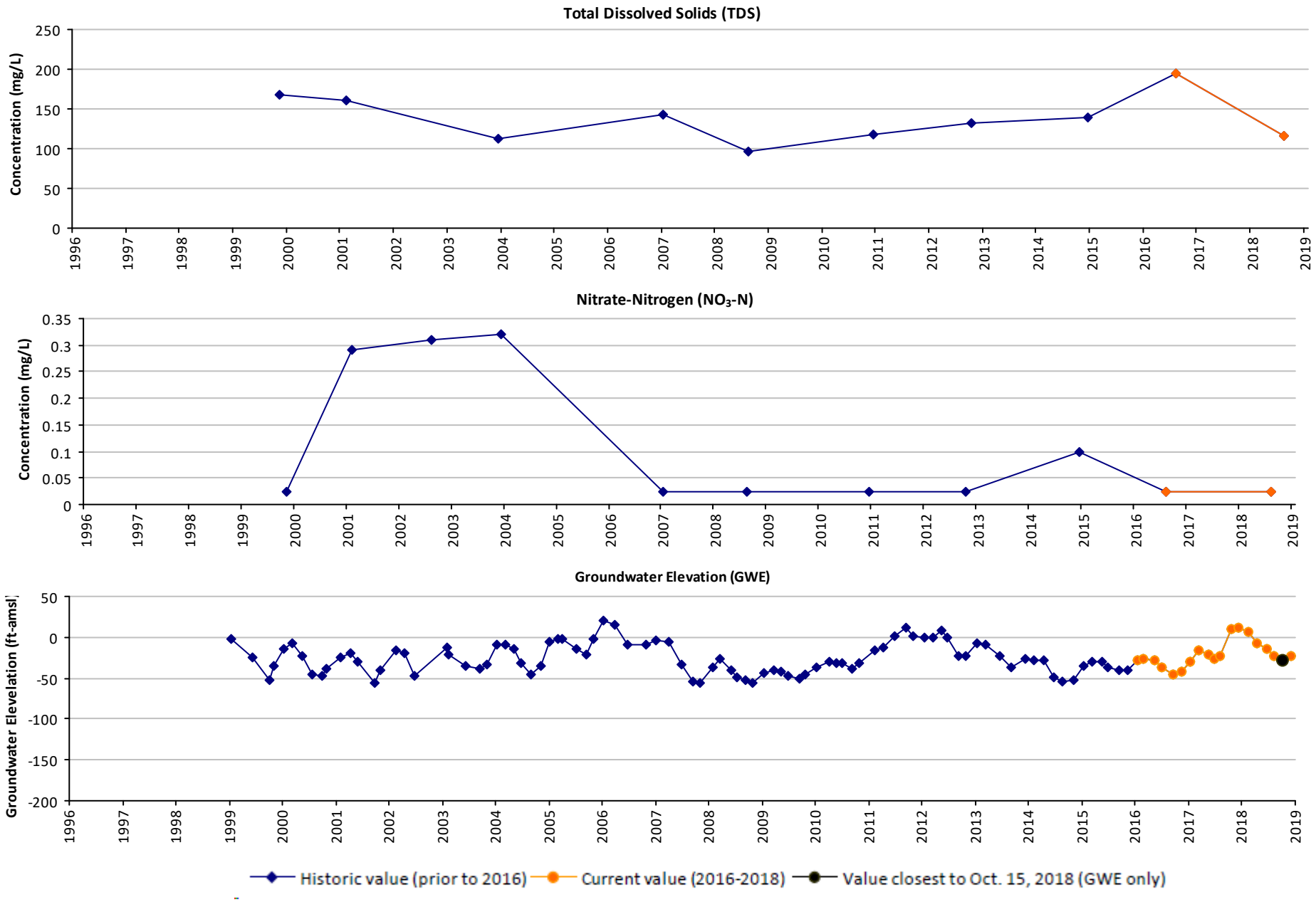

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
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1996
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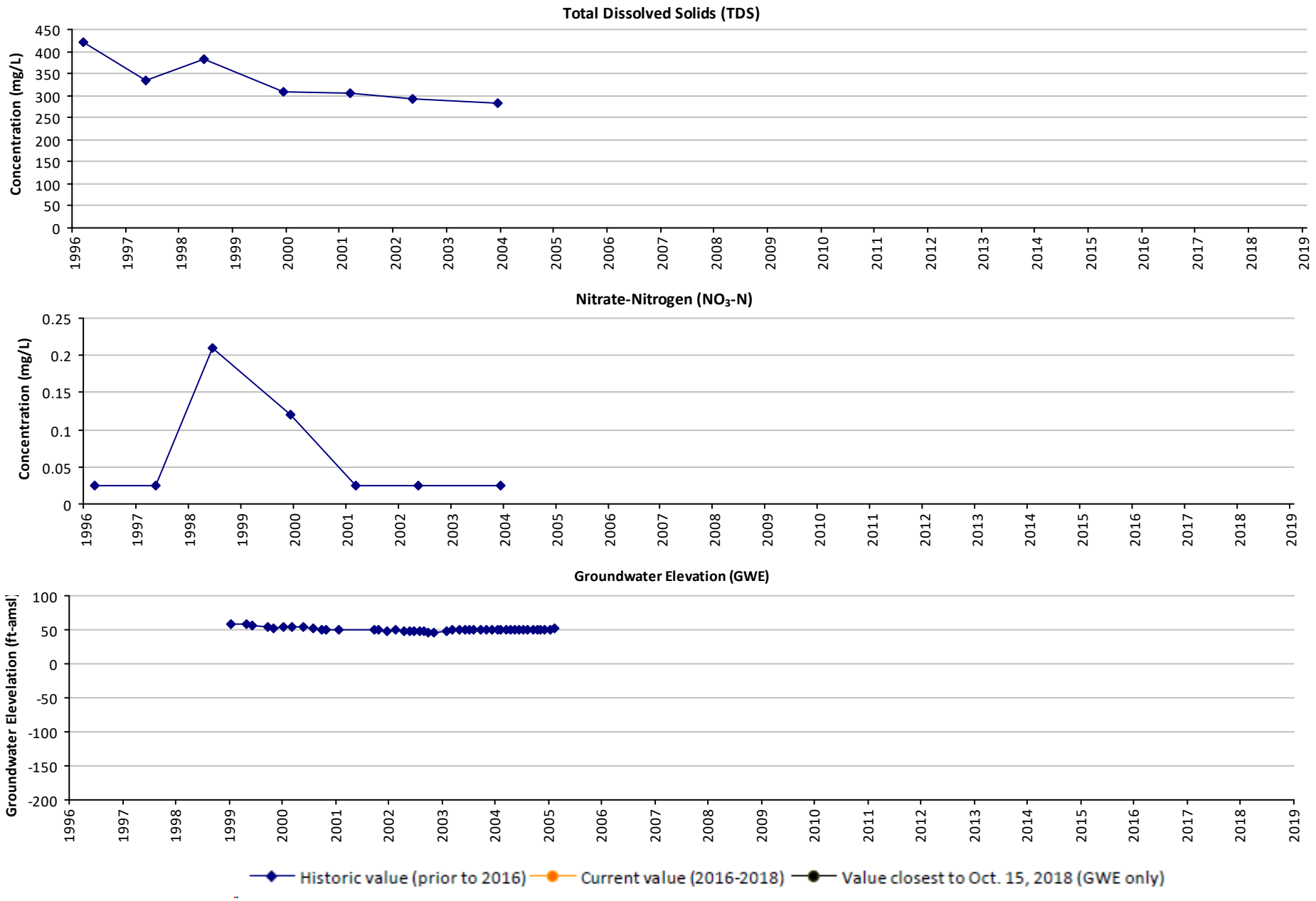
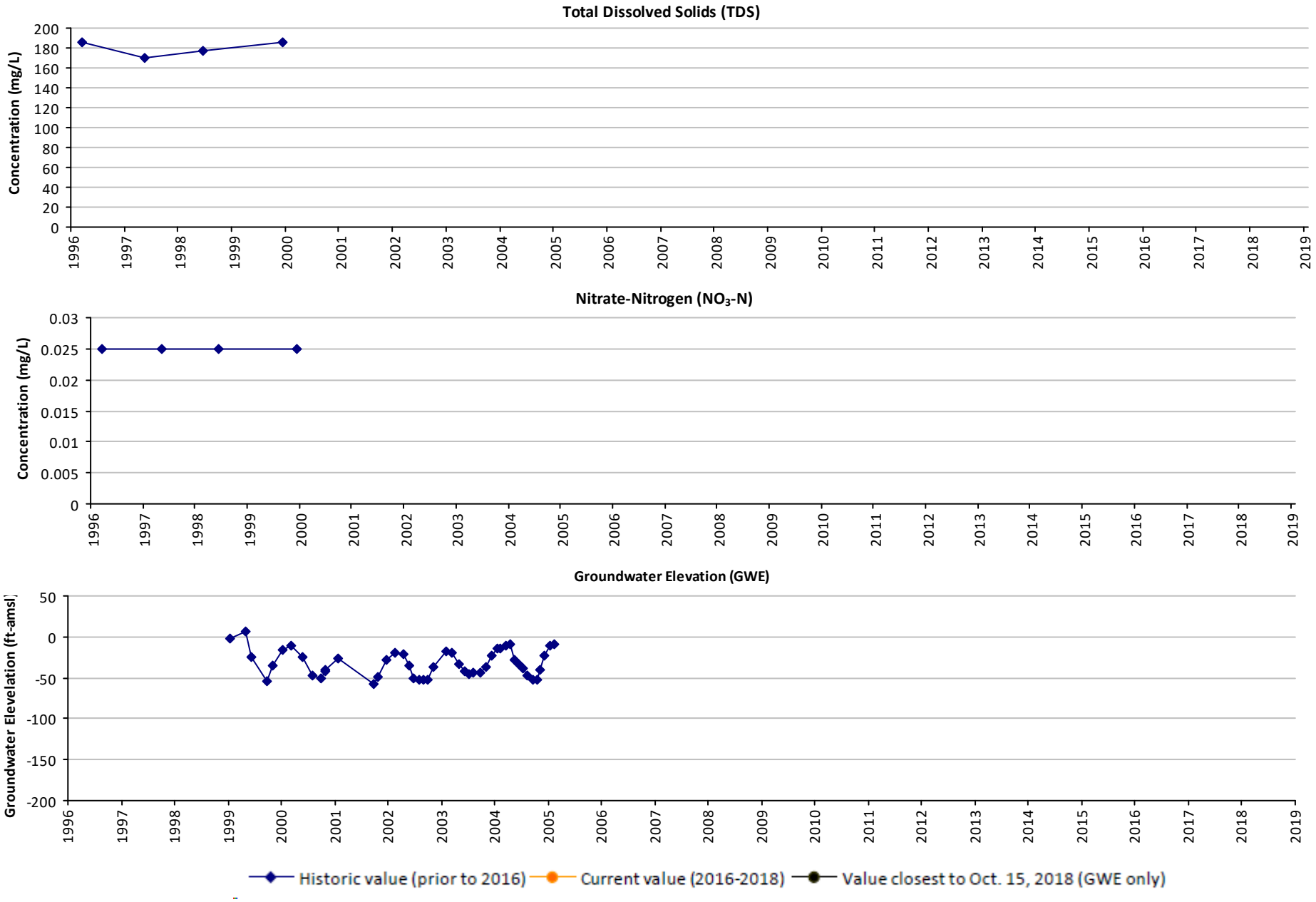
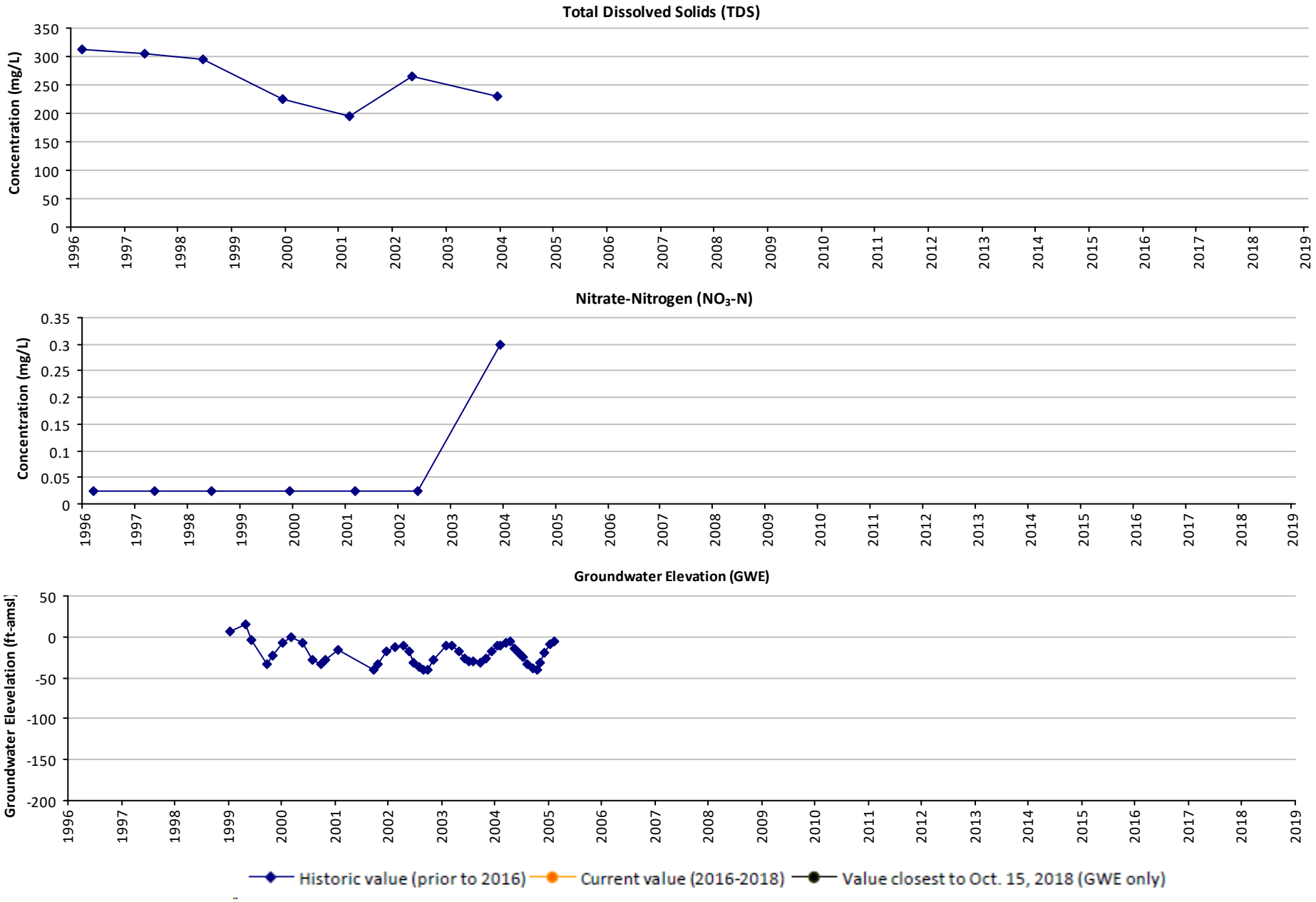
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Nitrate-Nitrogen (NO_3-N)
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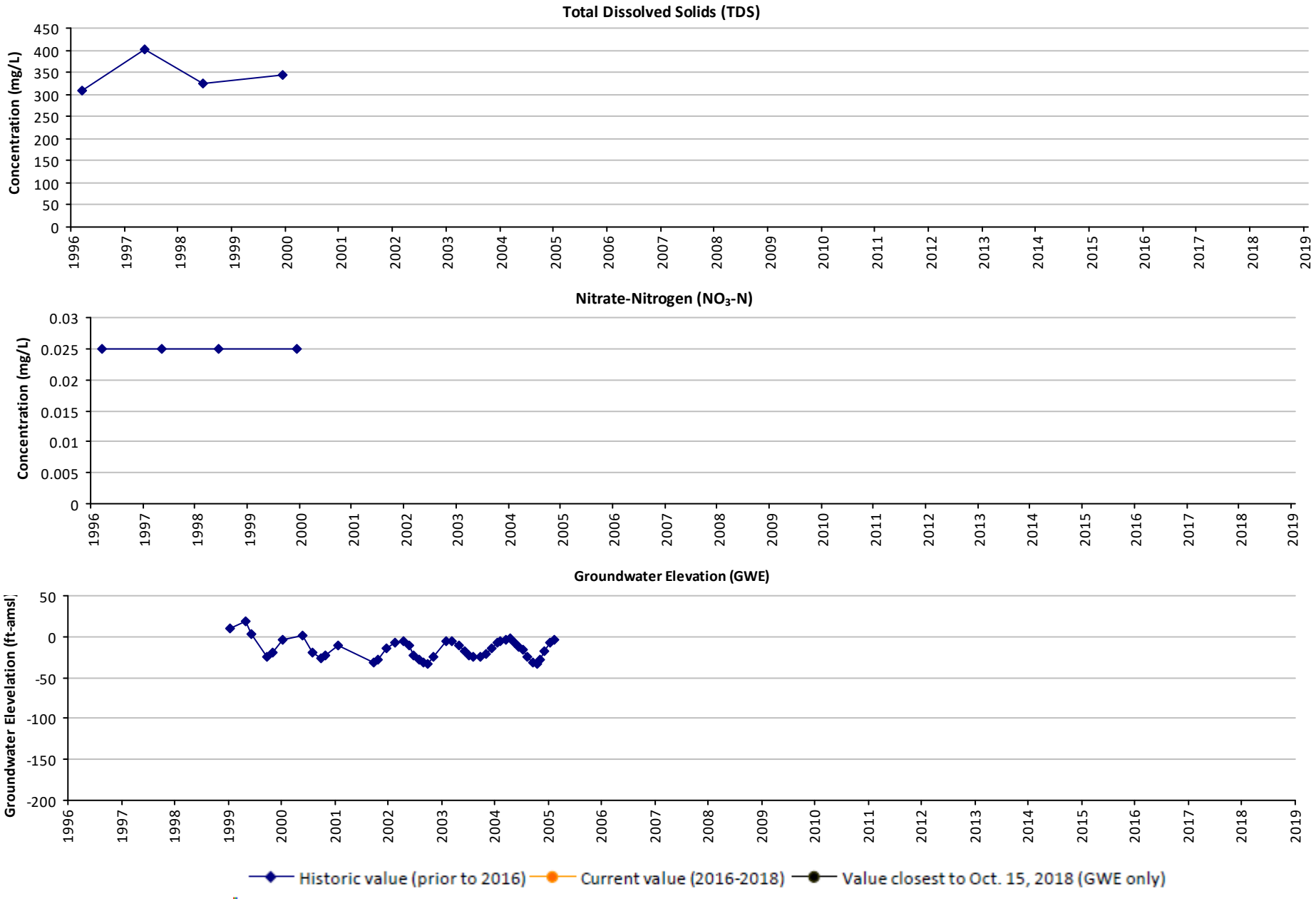
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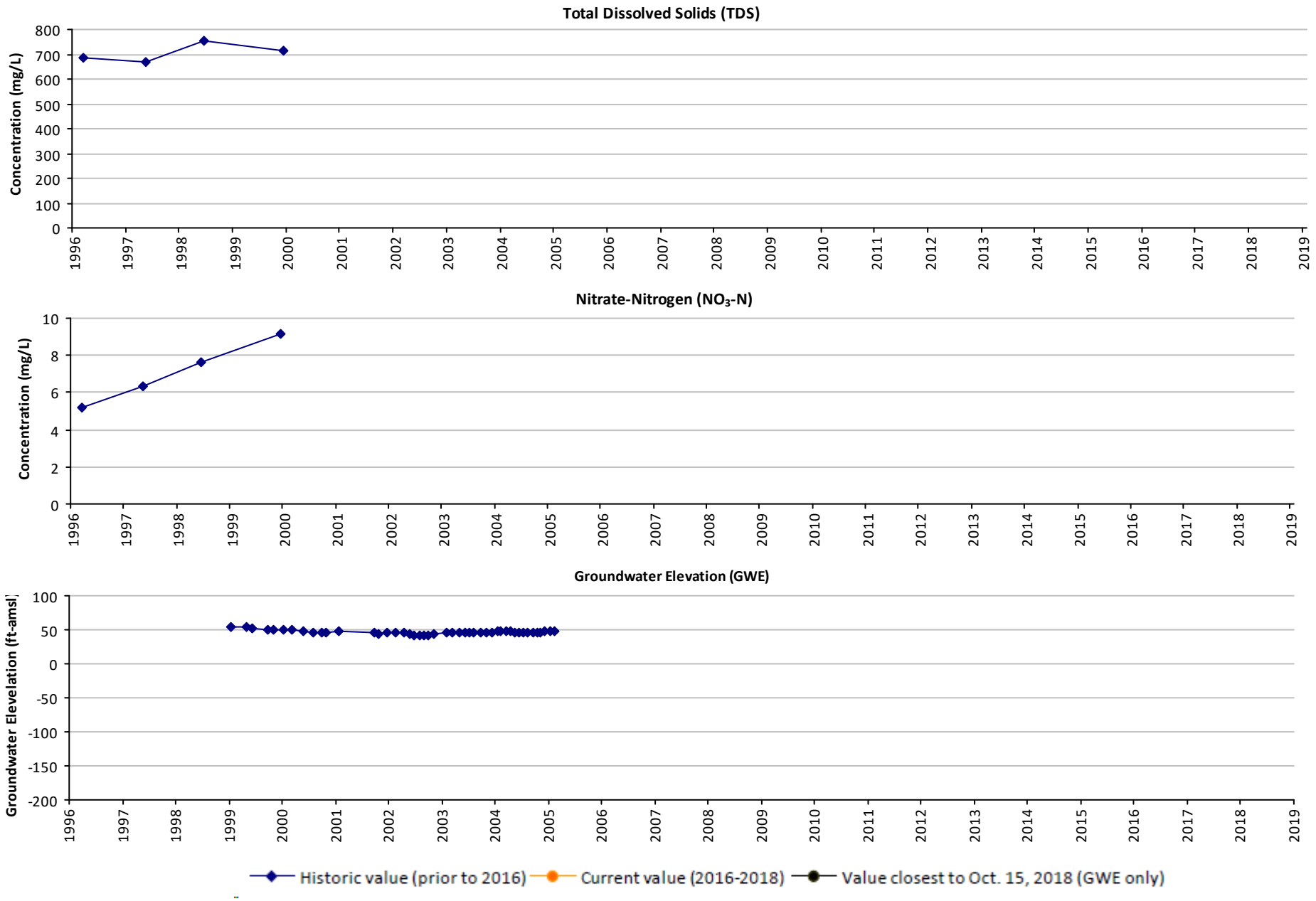
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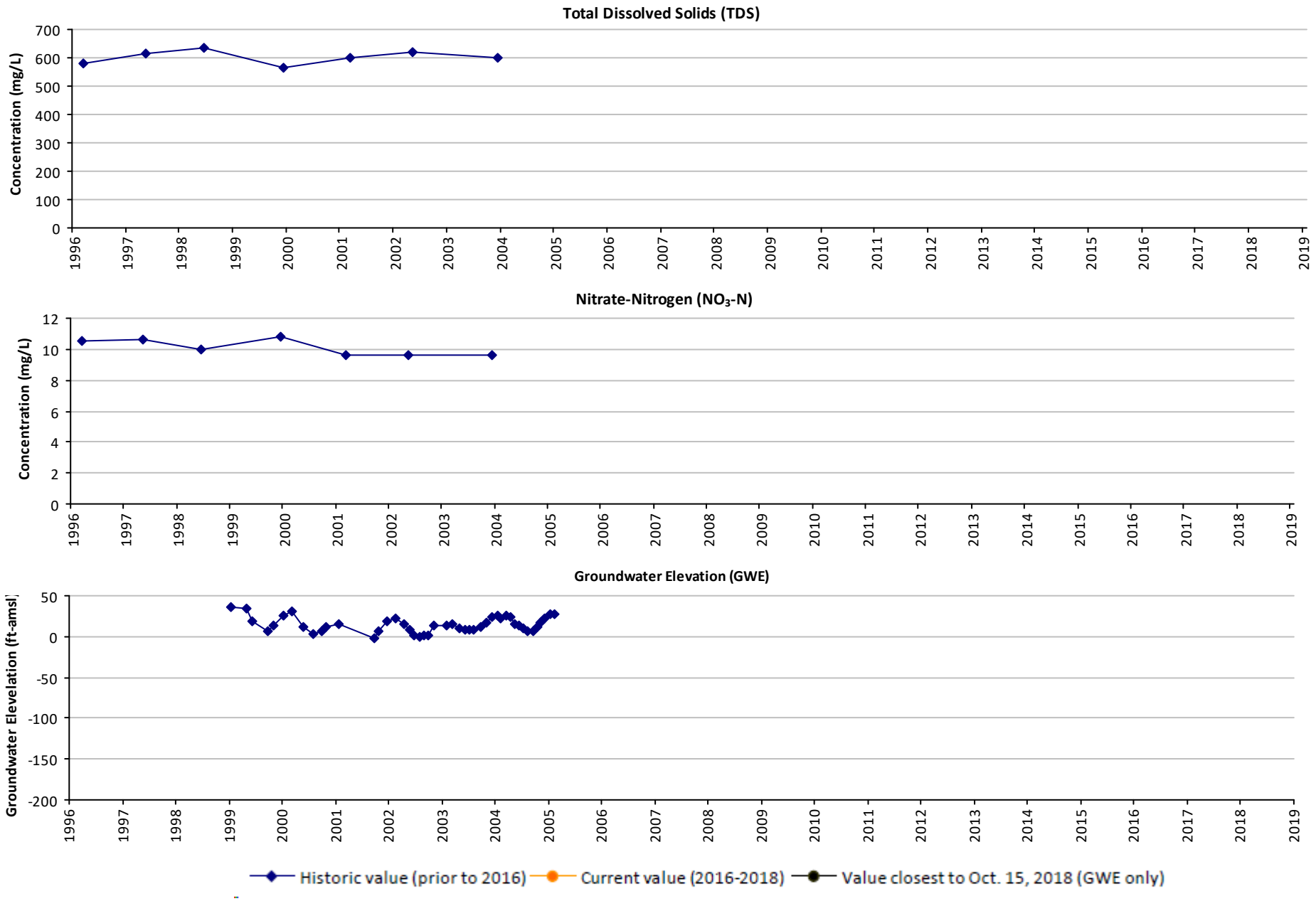
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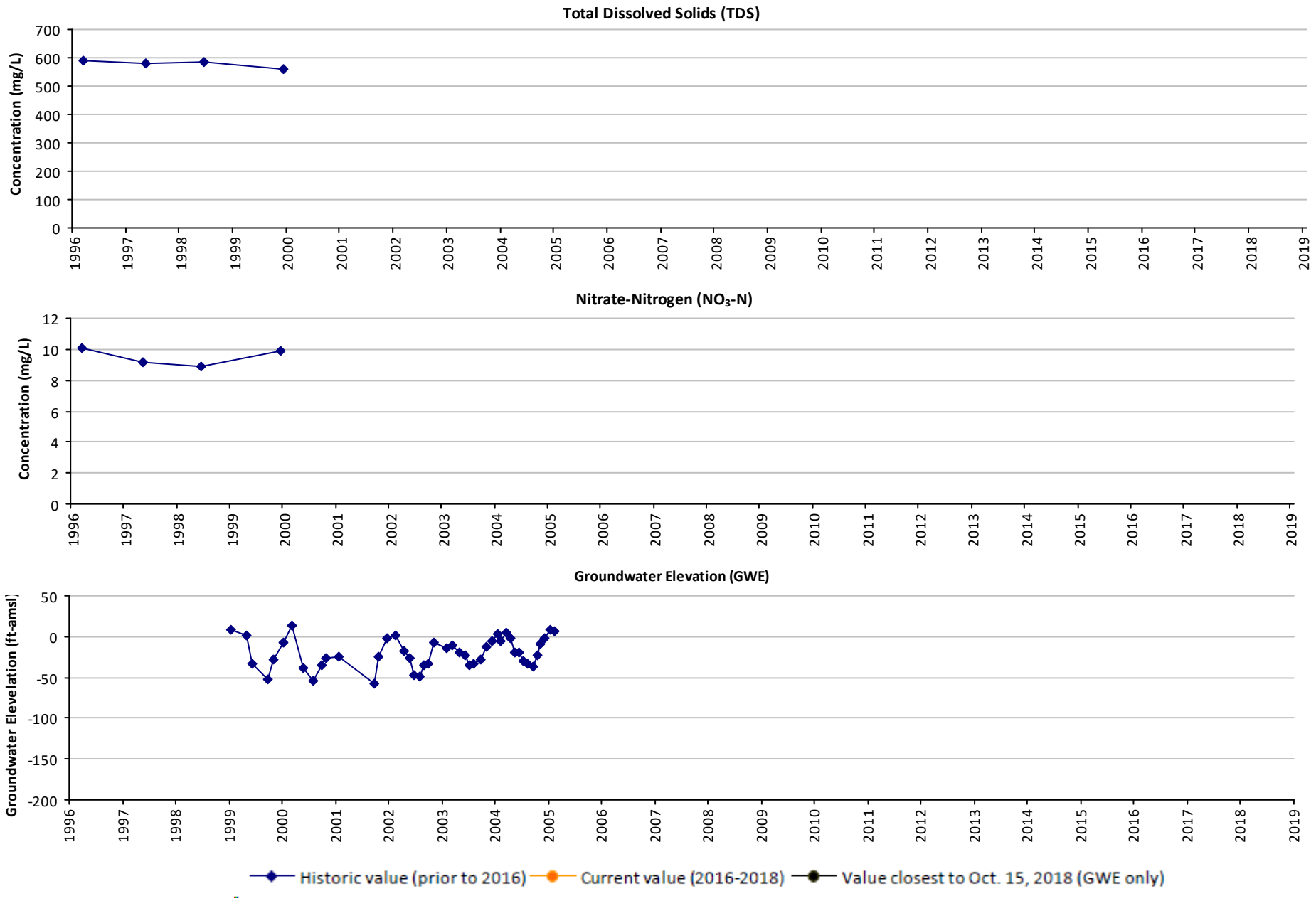
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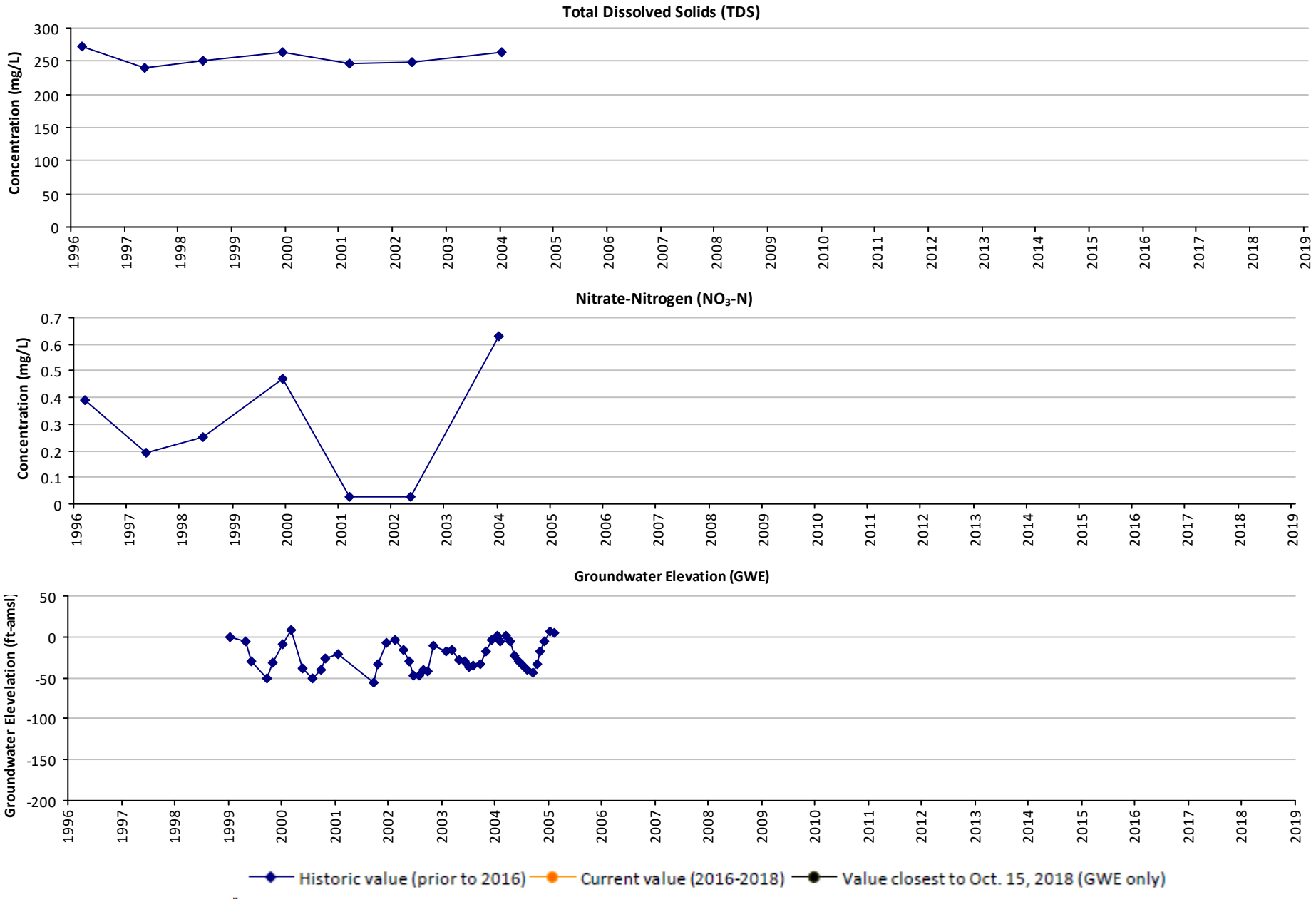
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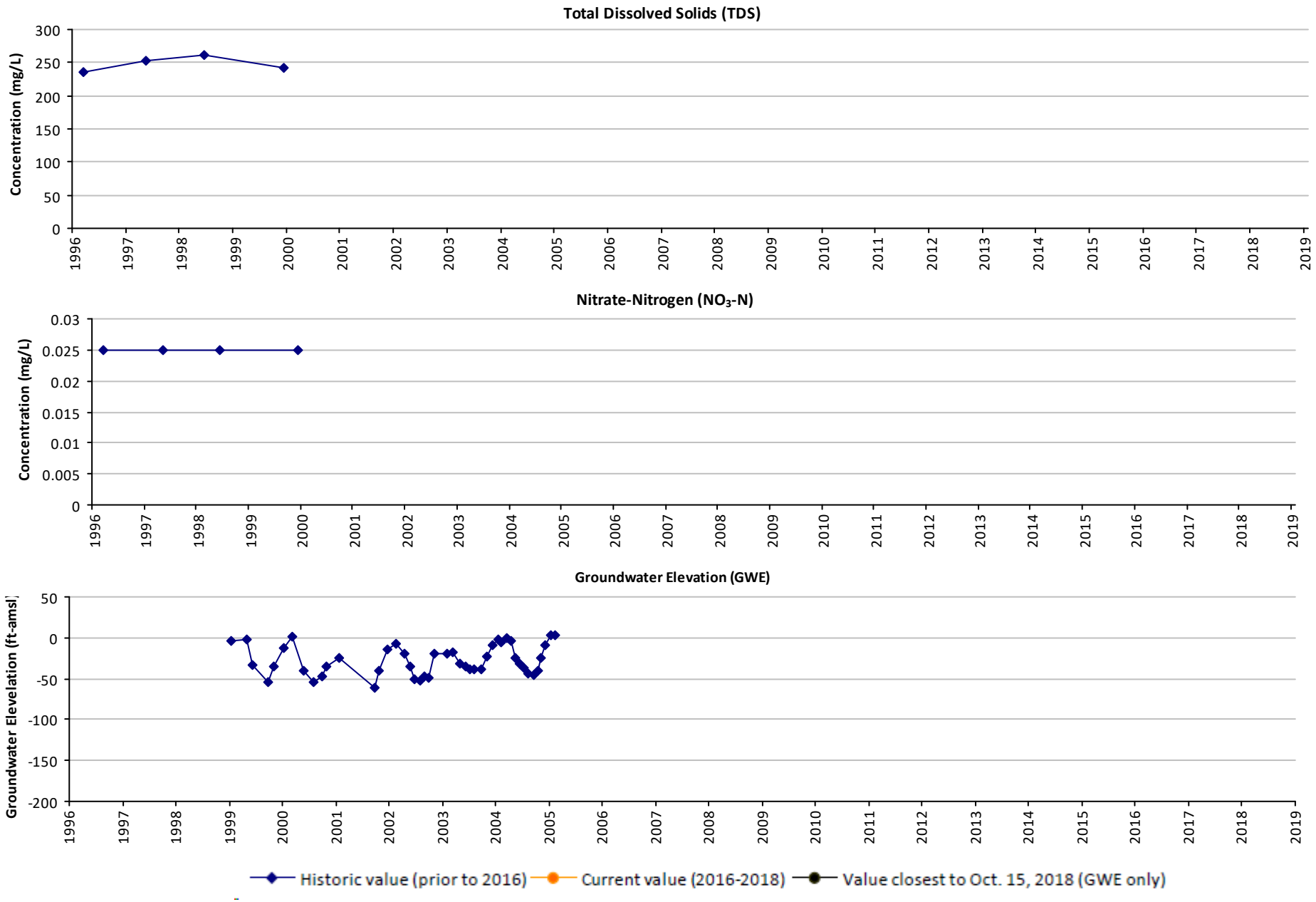
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
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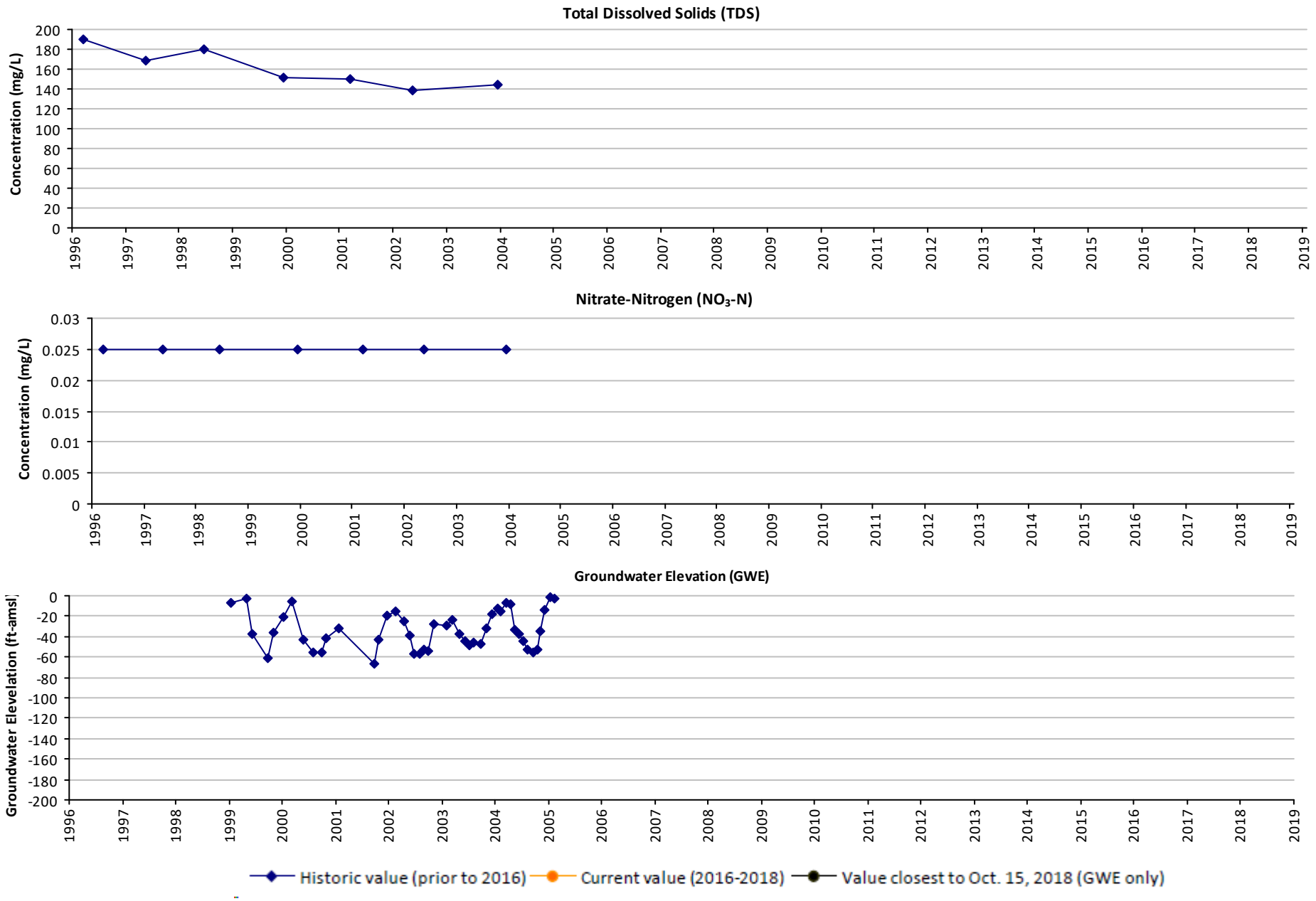
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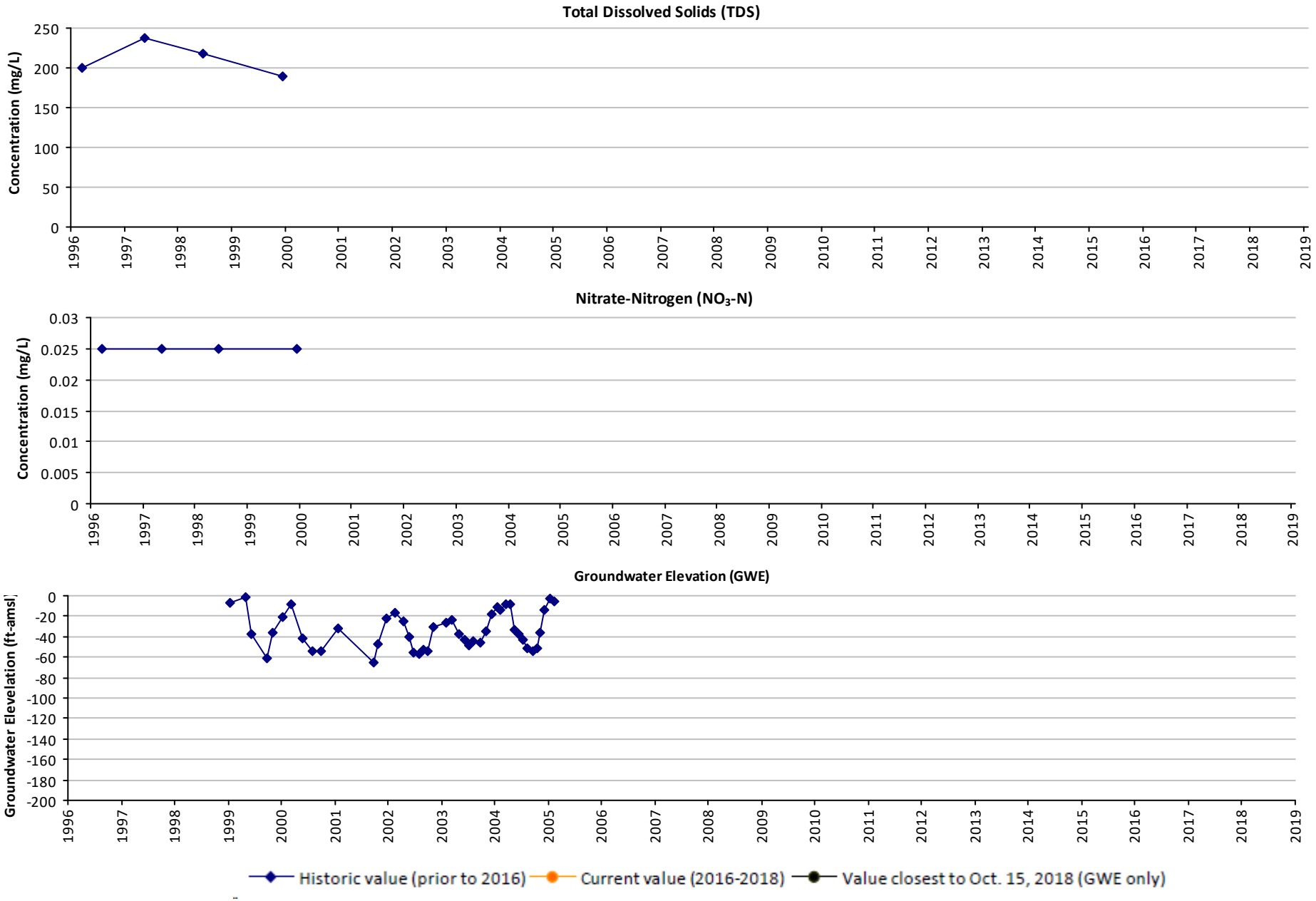
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0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
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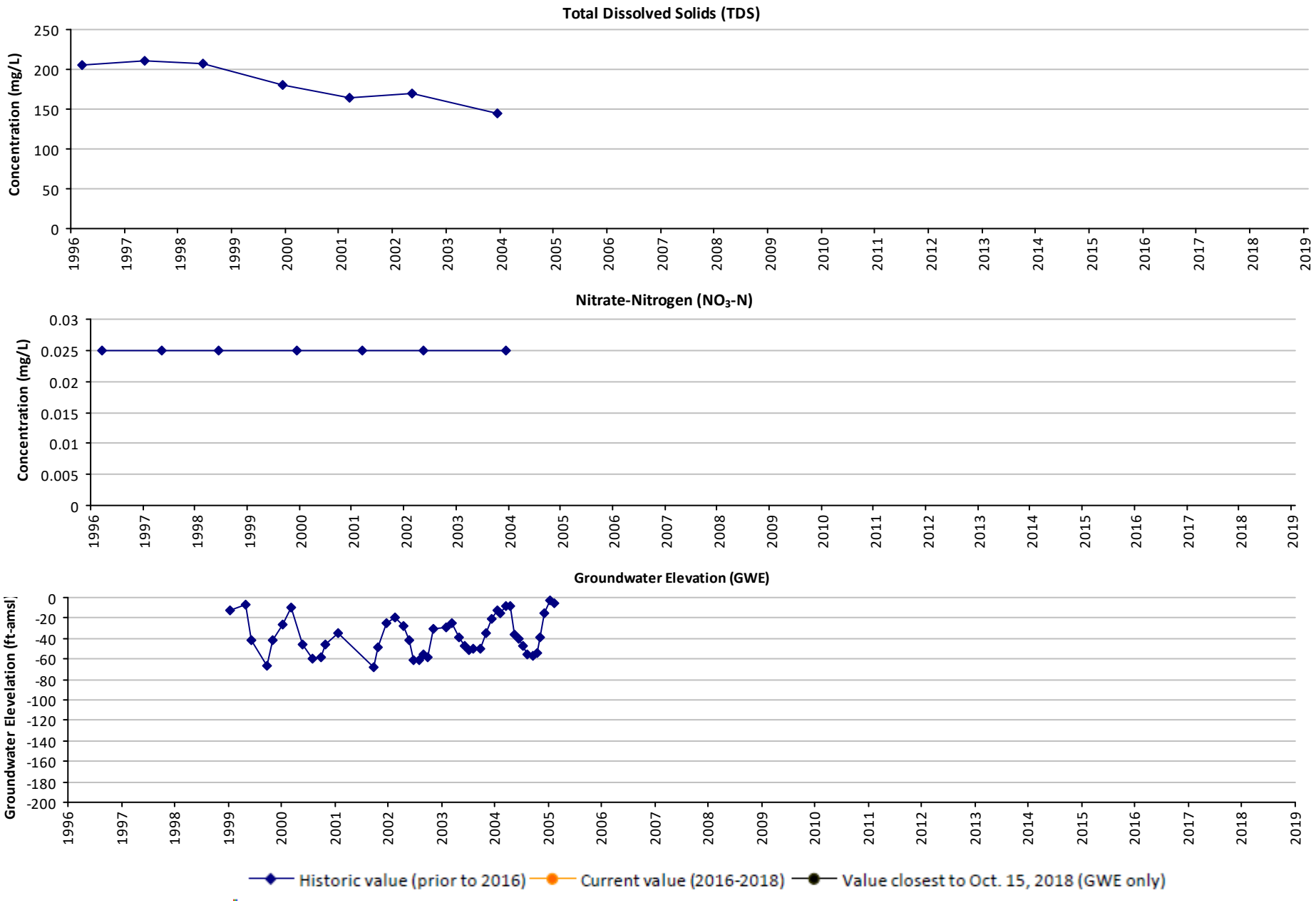
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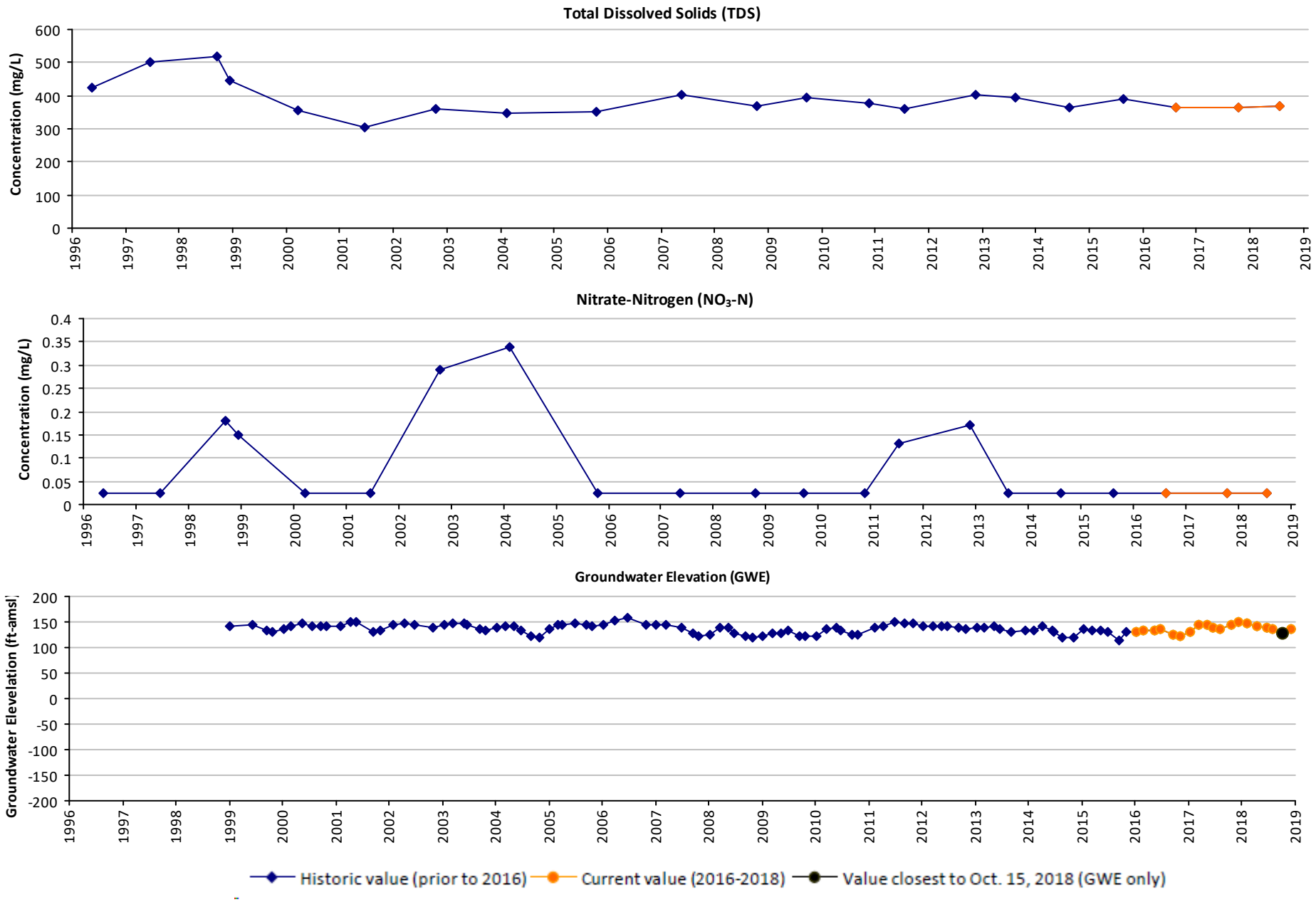
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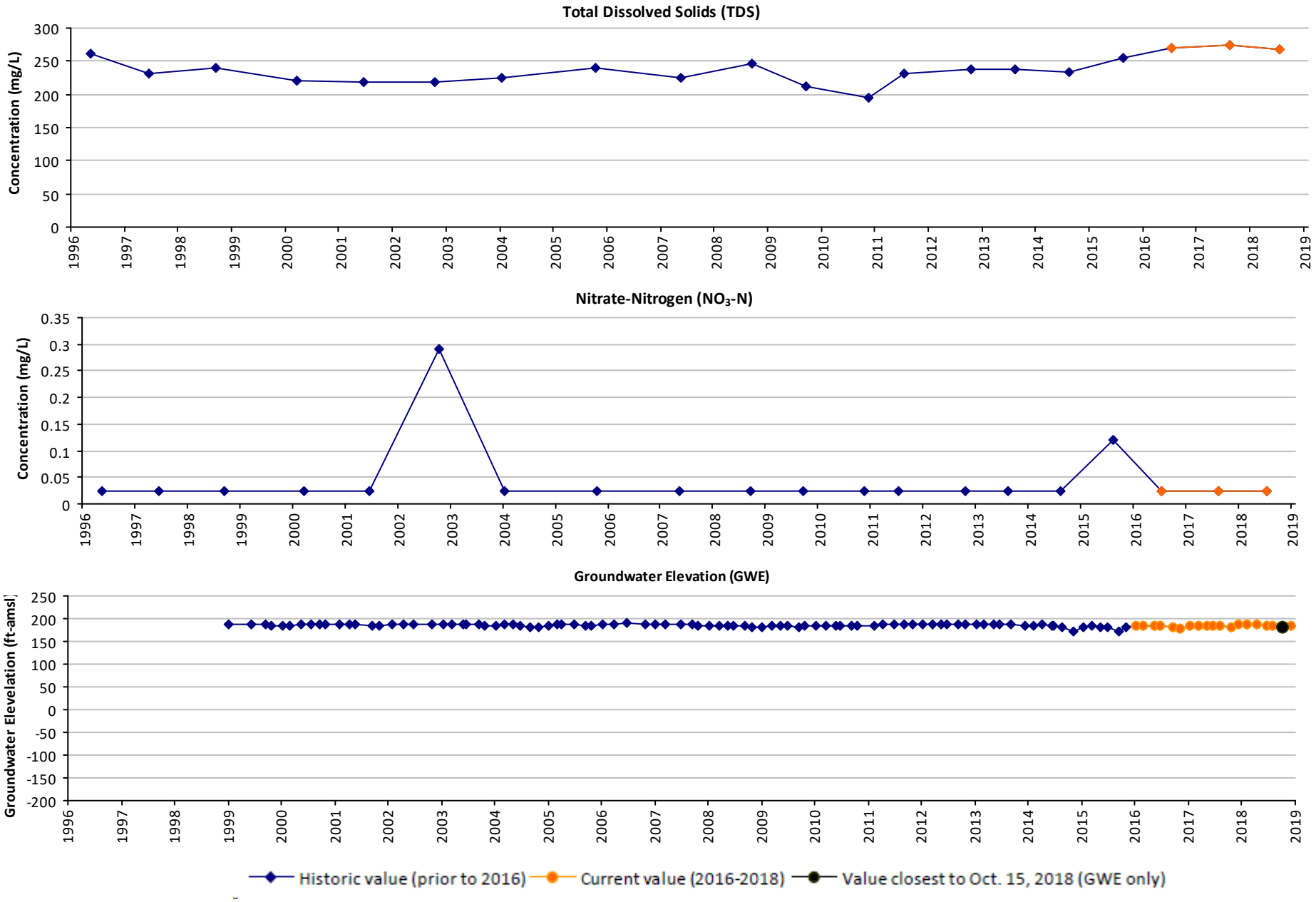
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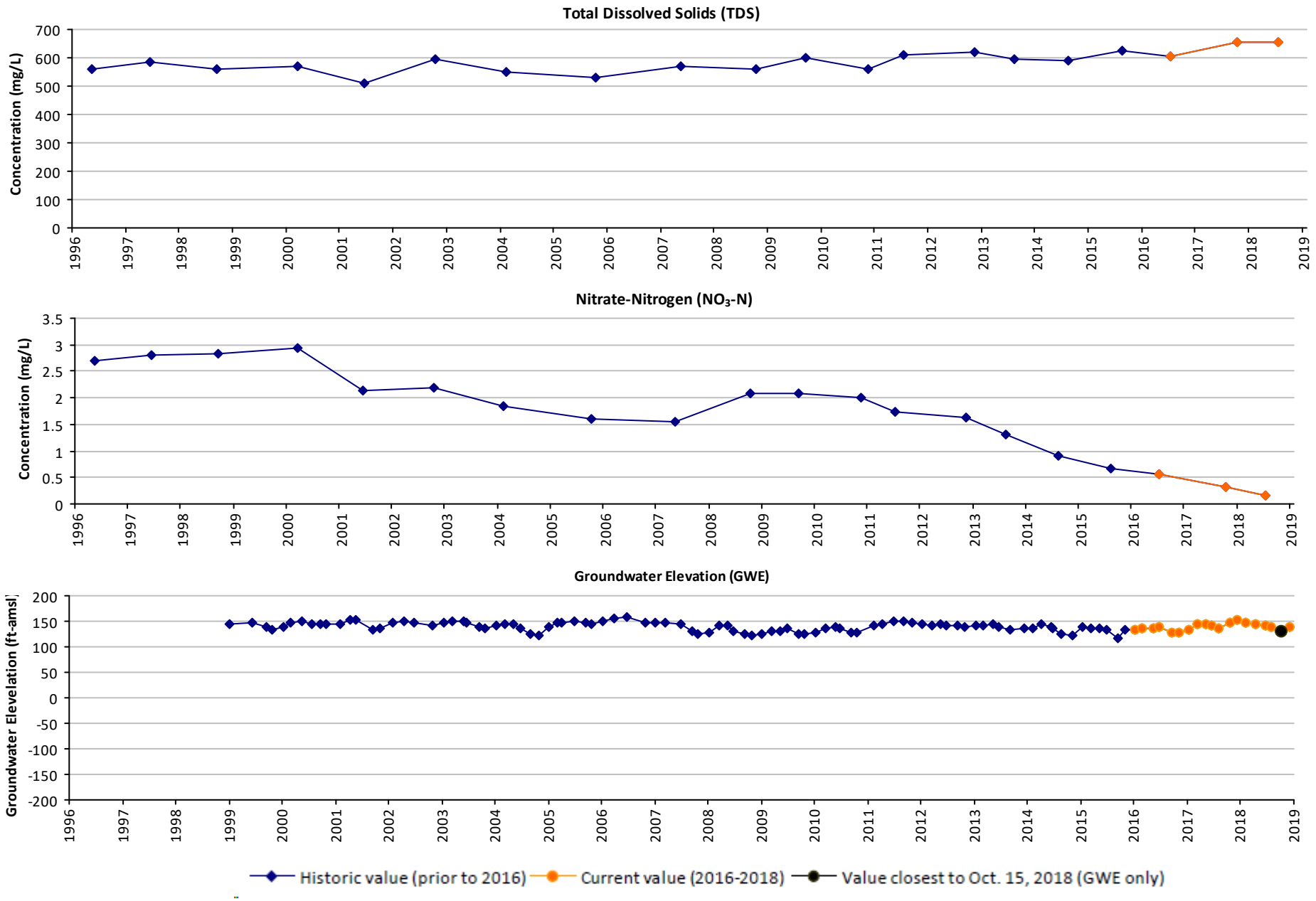
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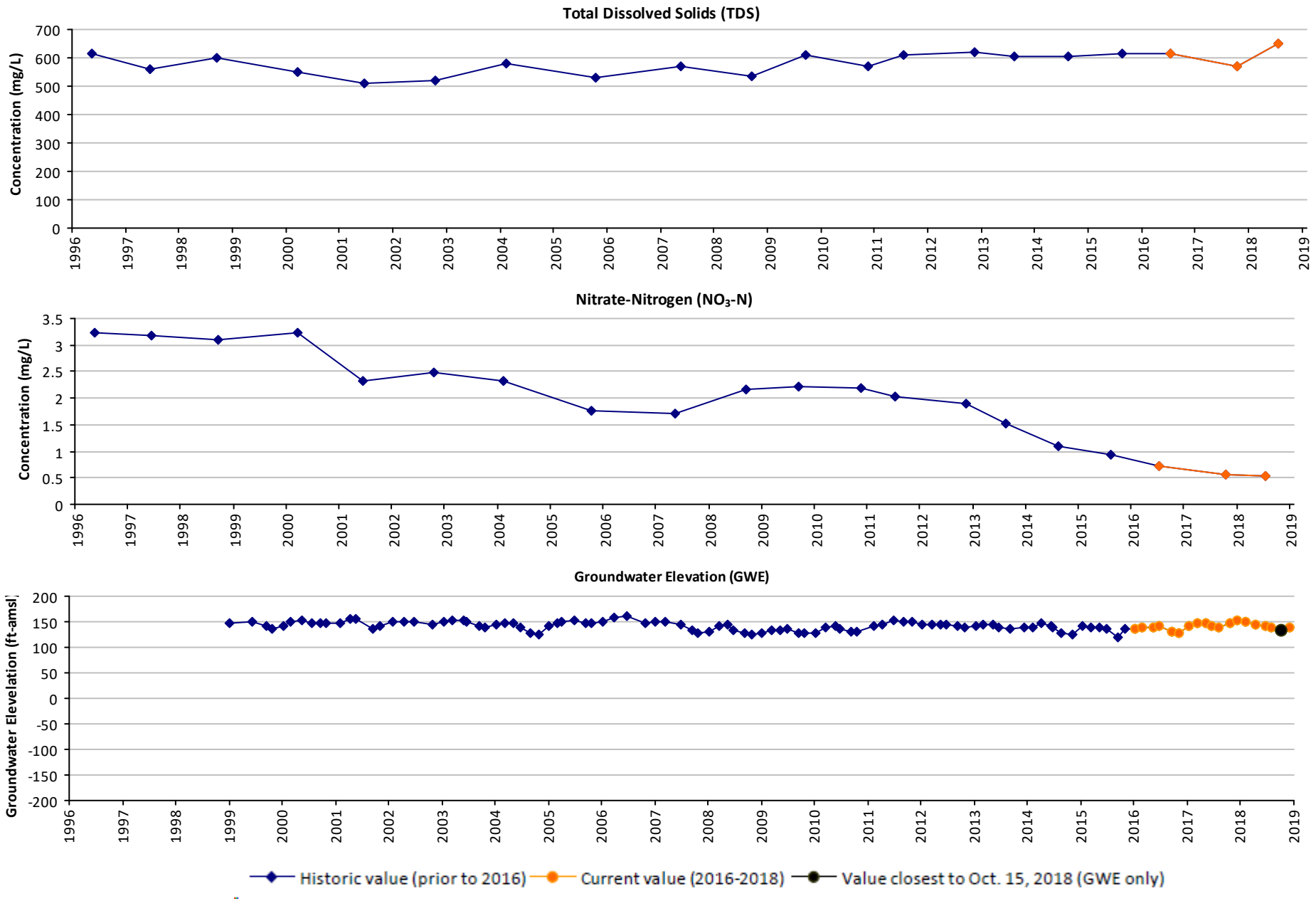
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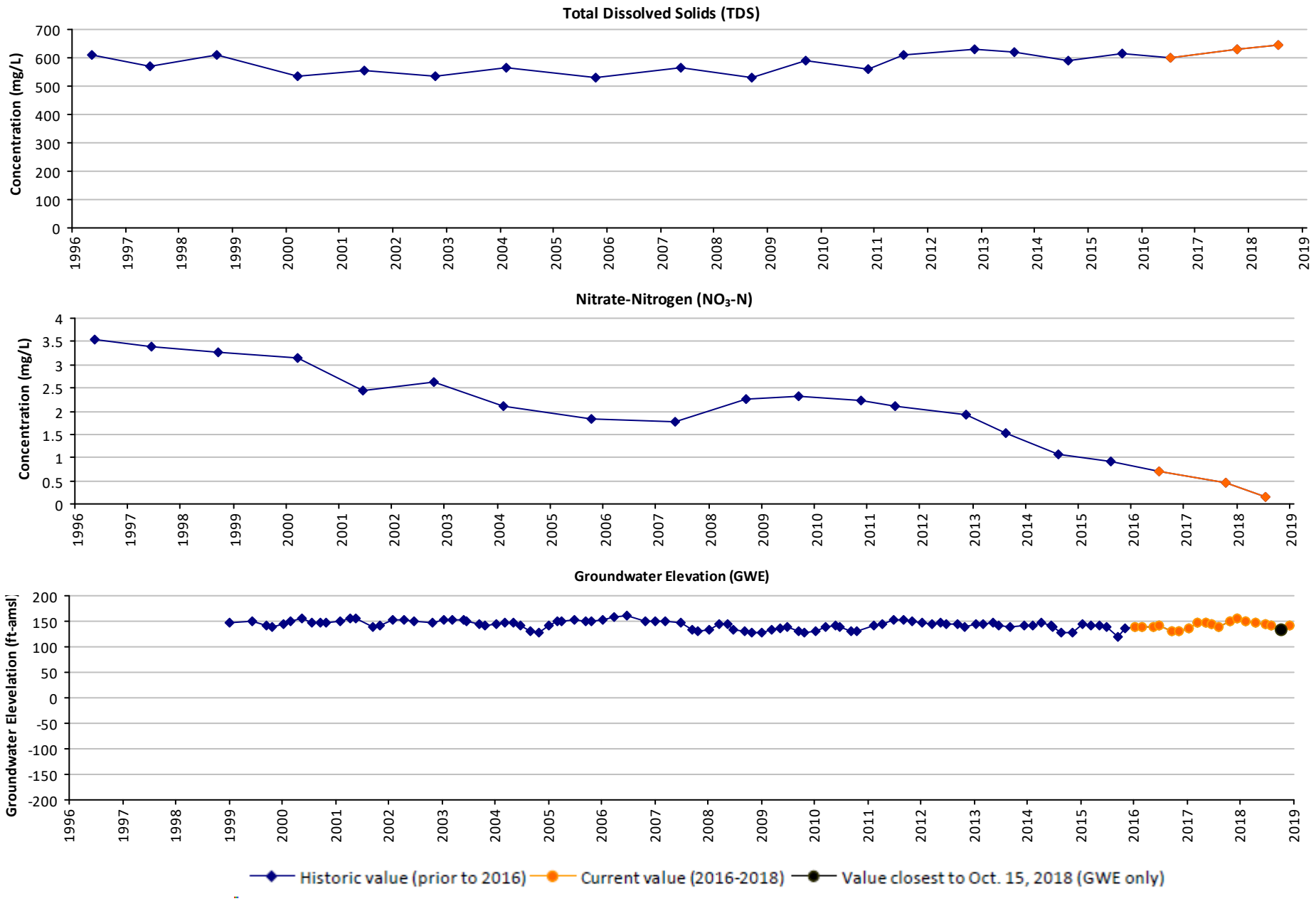
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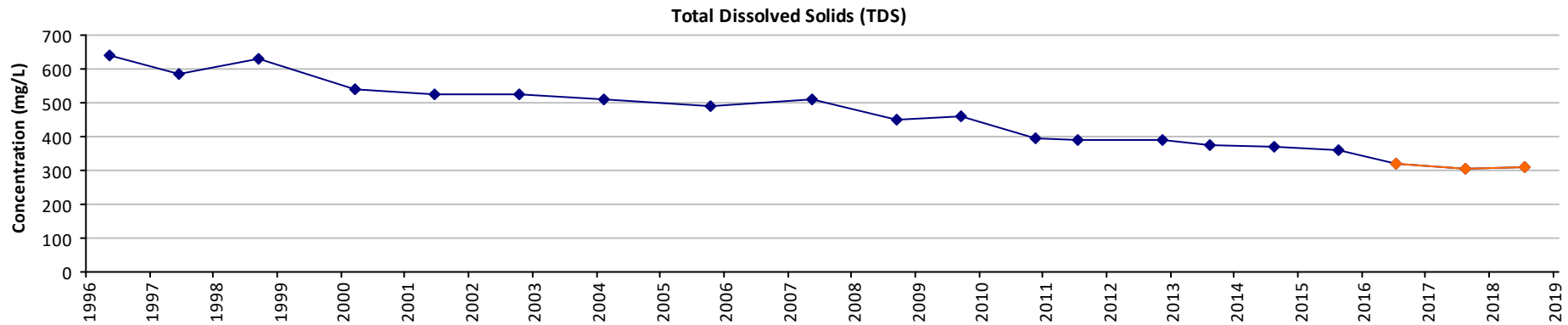
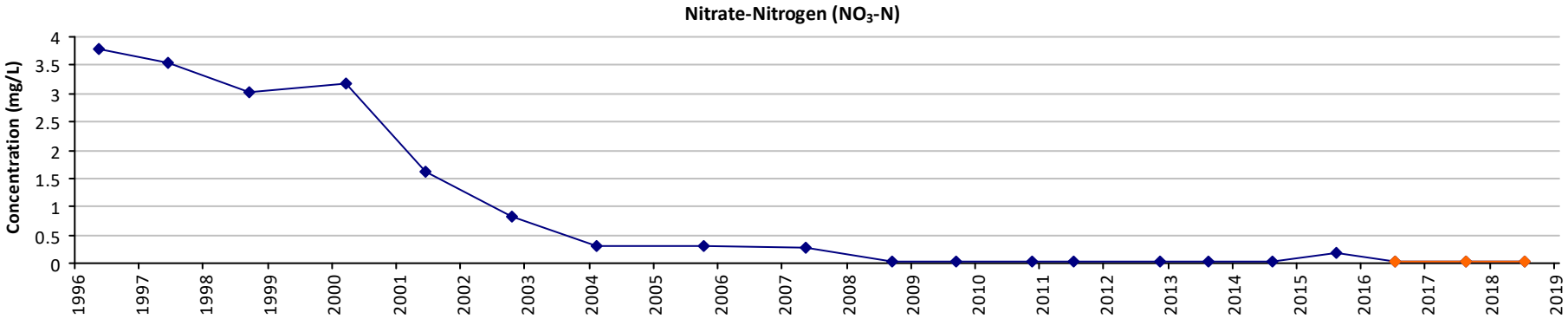
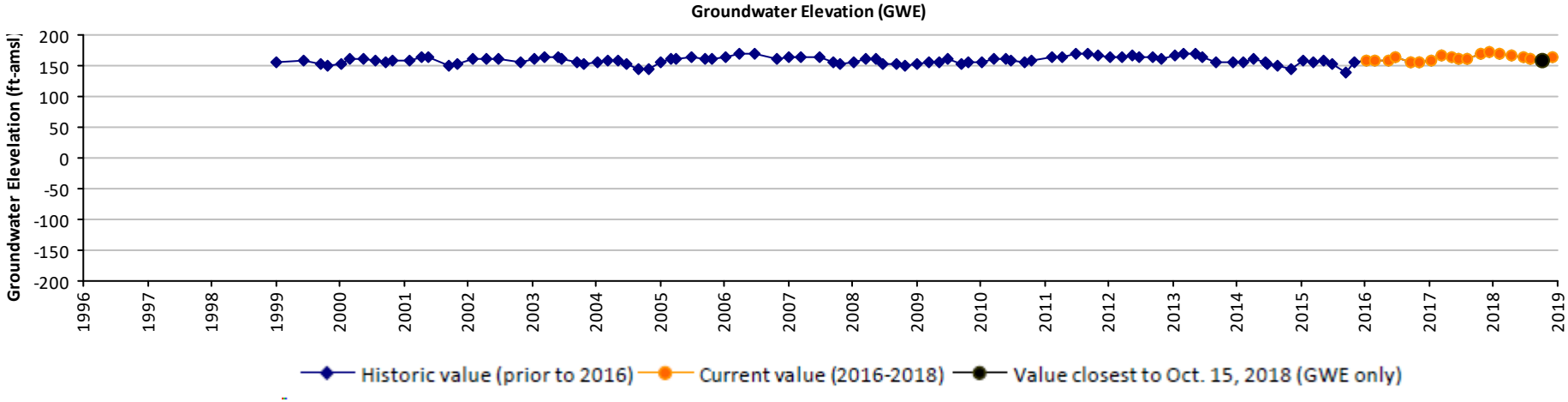
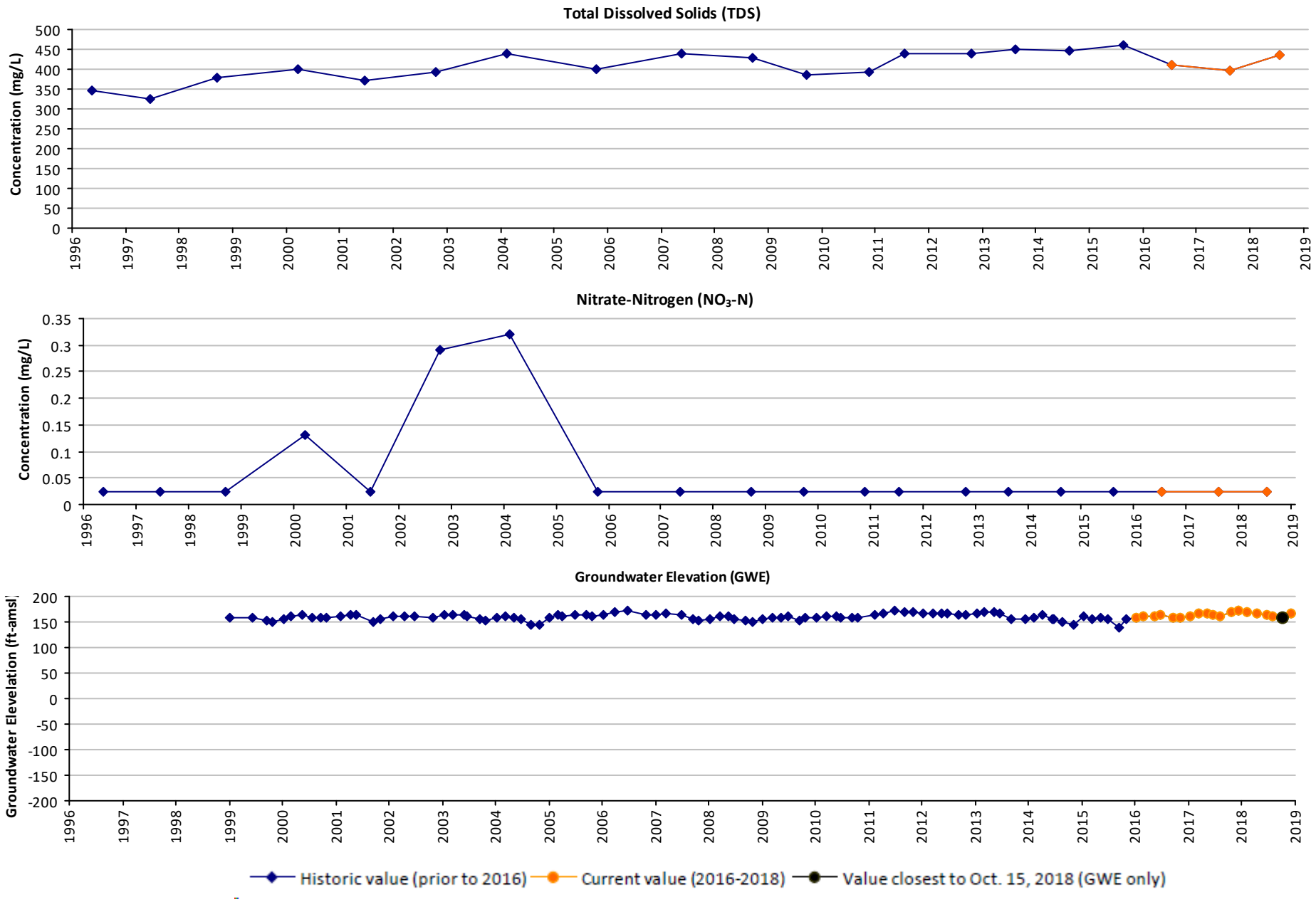
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1214788
Management Zone: Orange County





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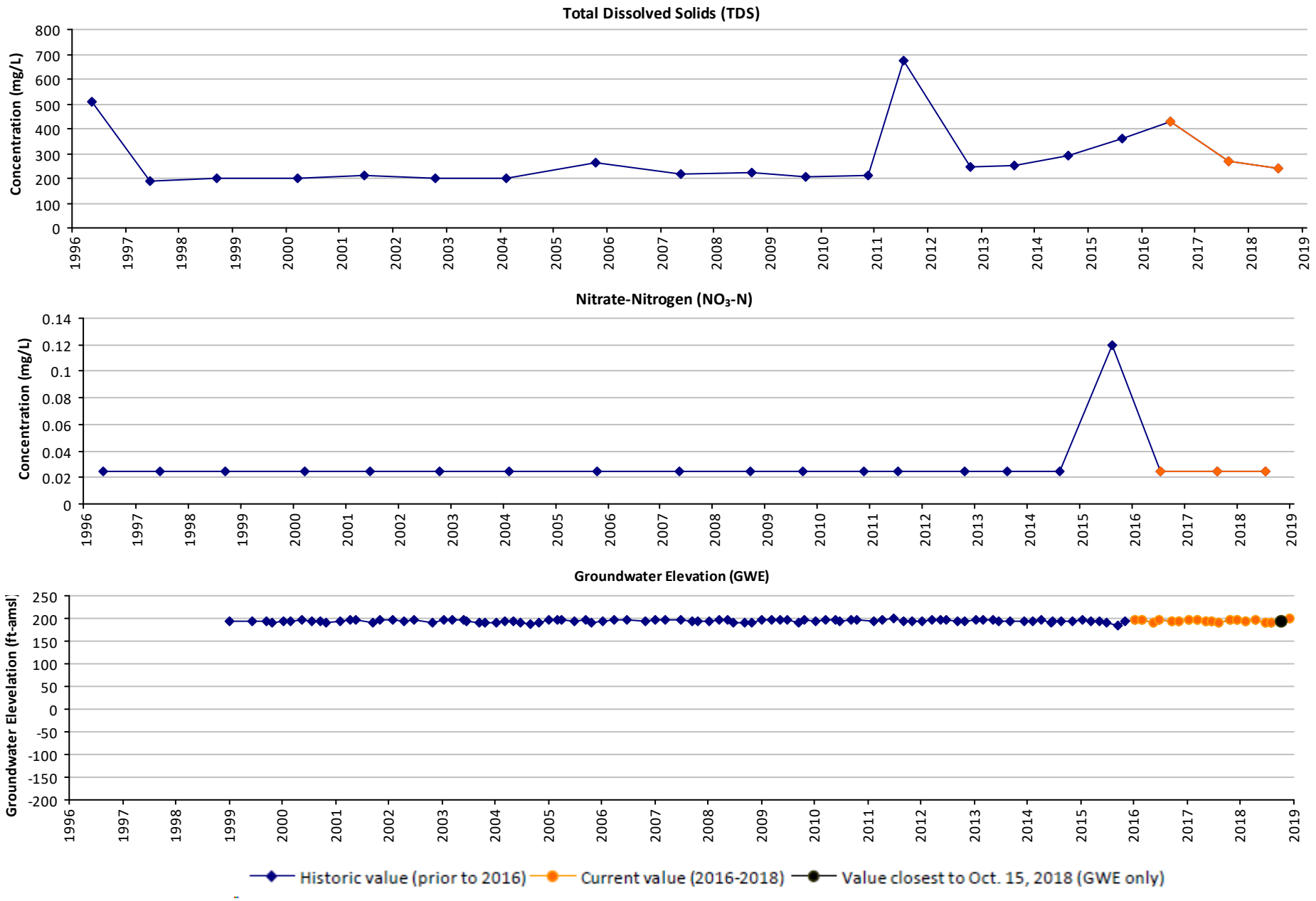
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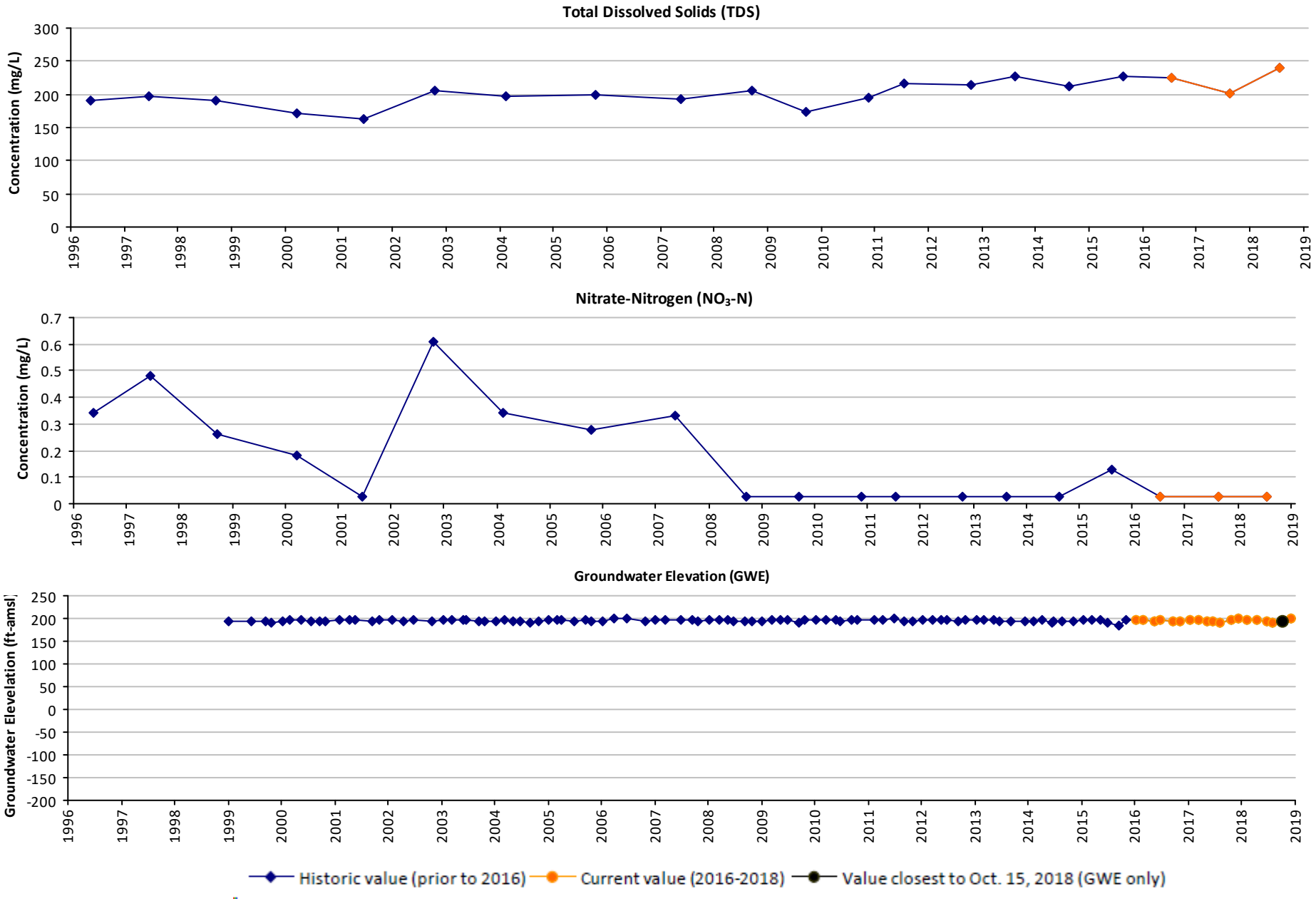
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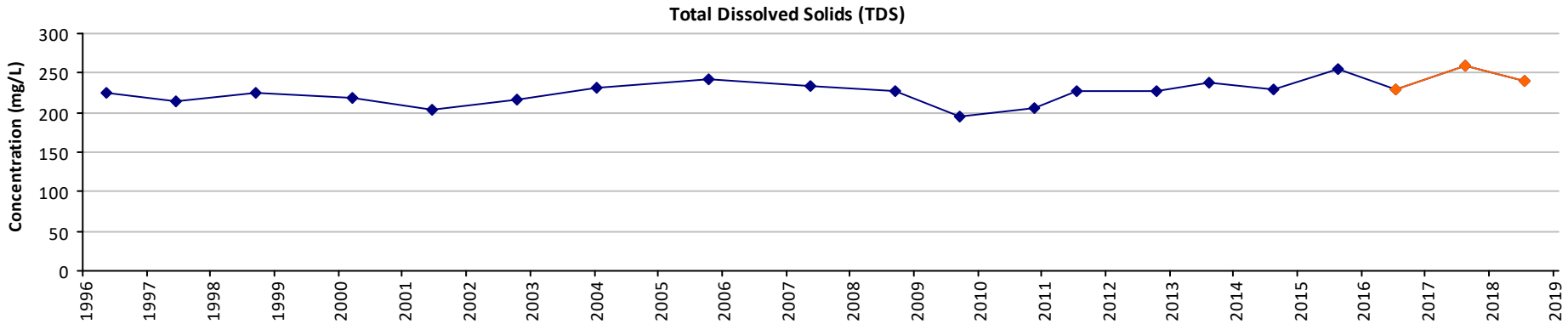
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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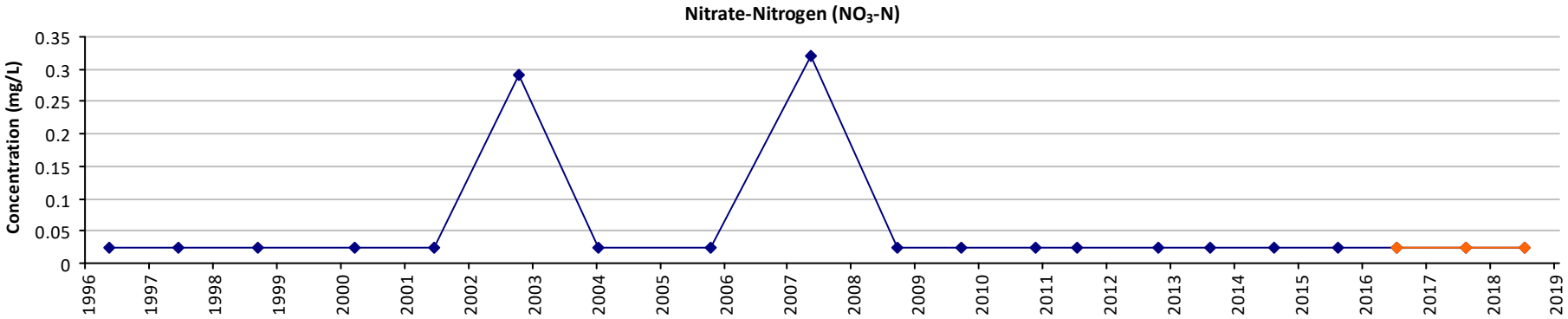
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
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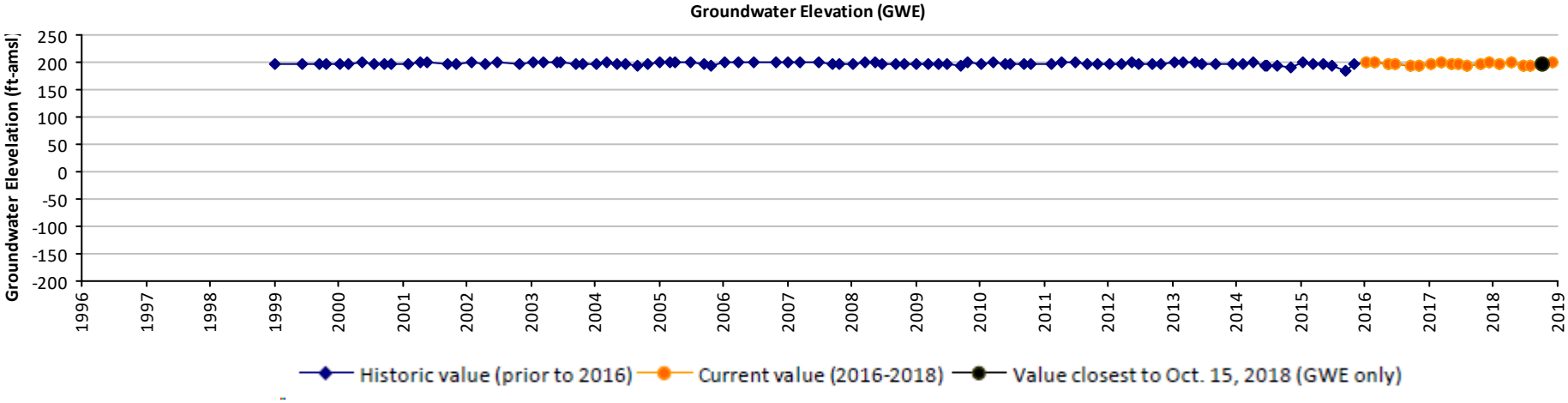
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2019
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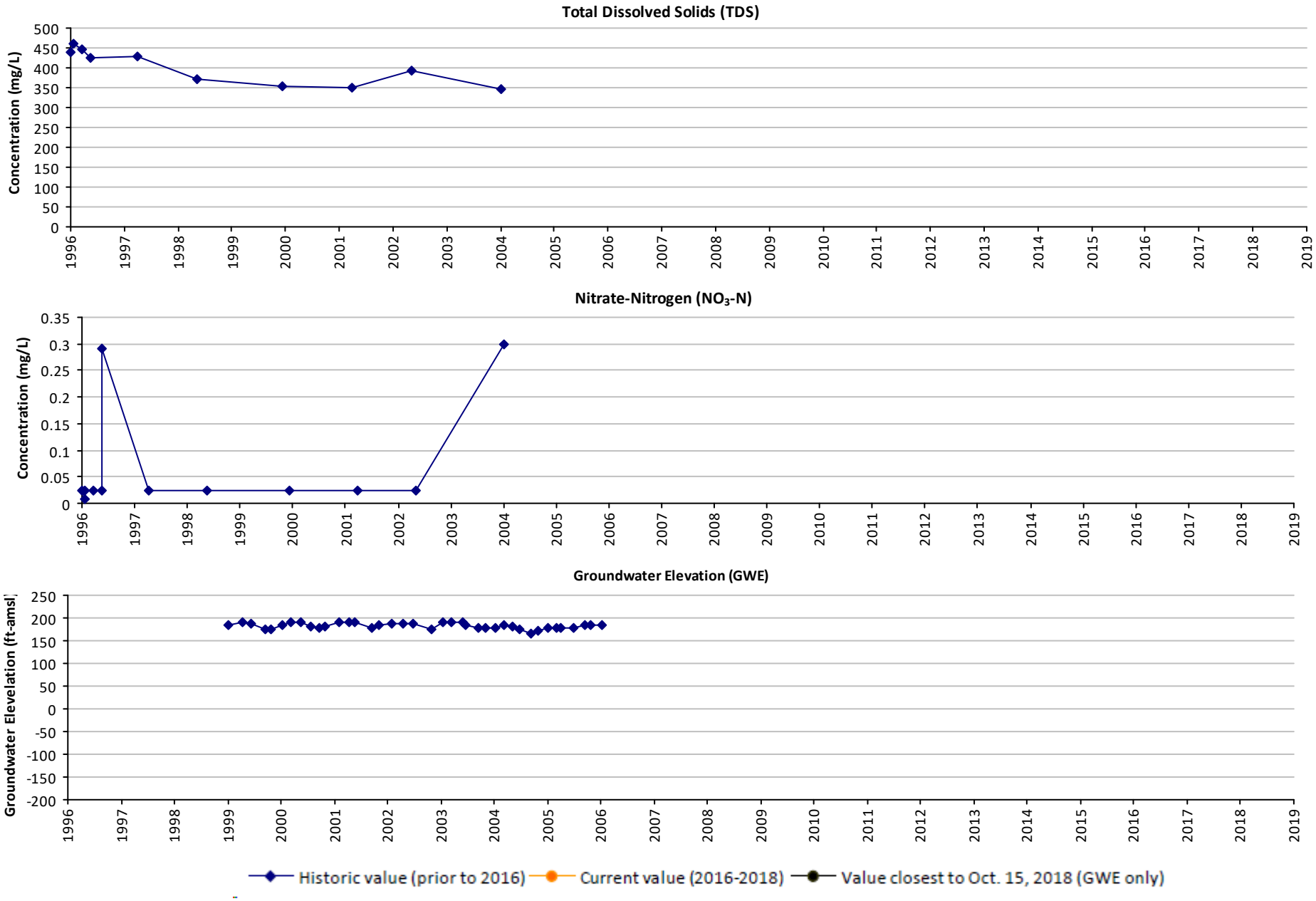
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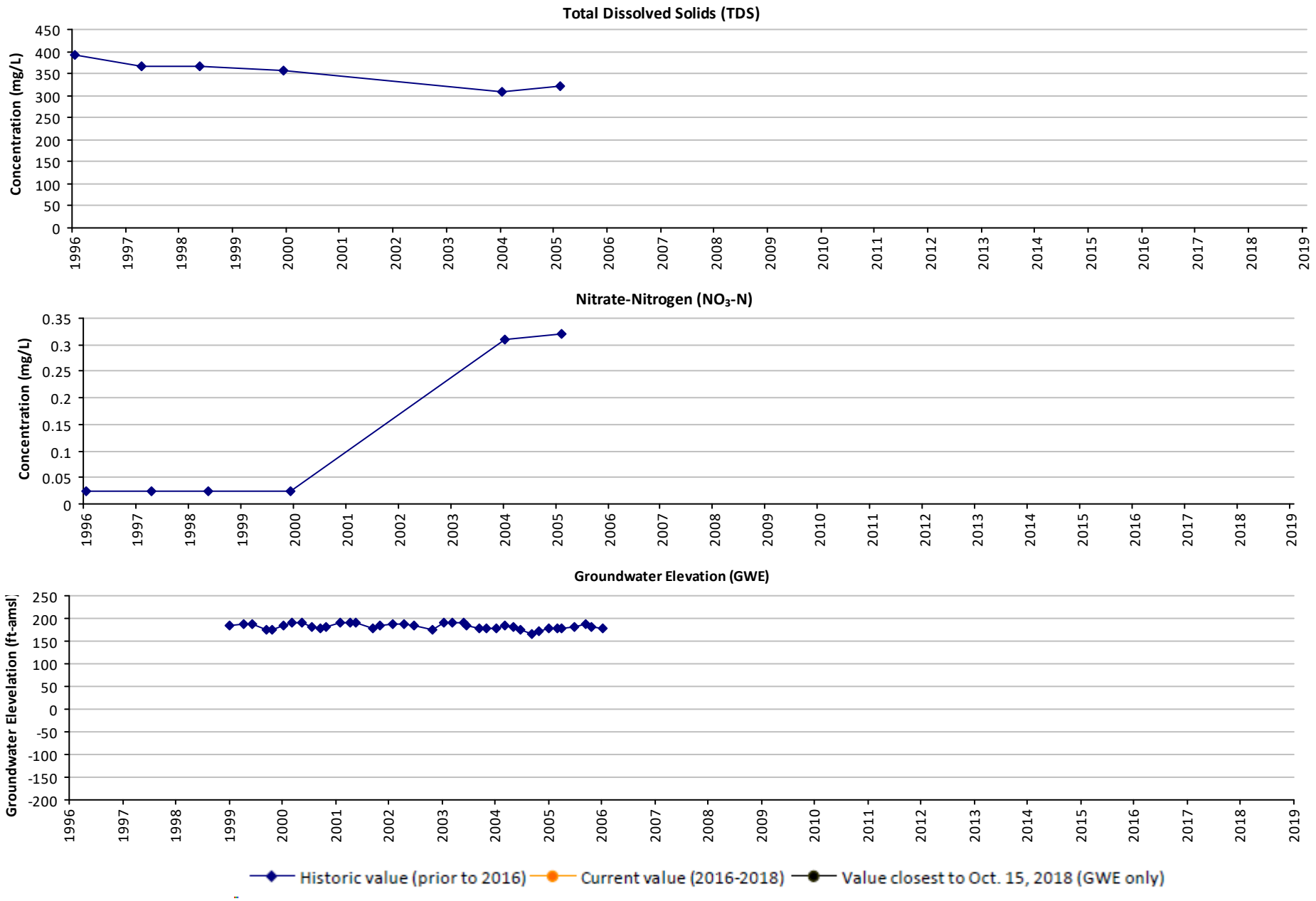
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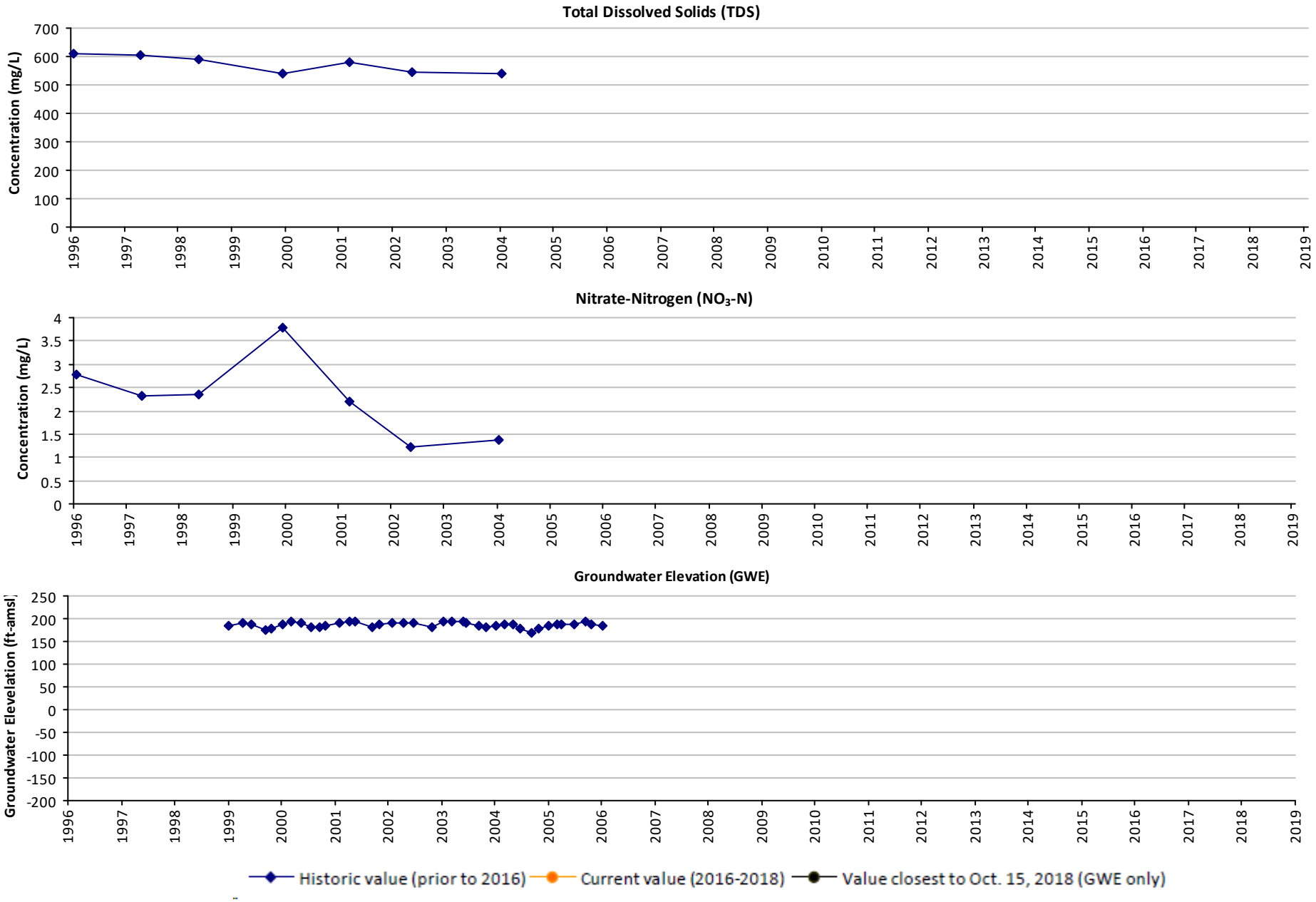
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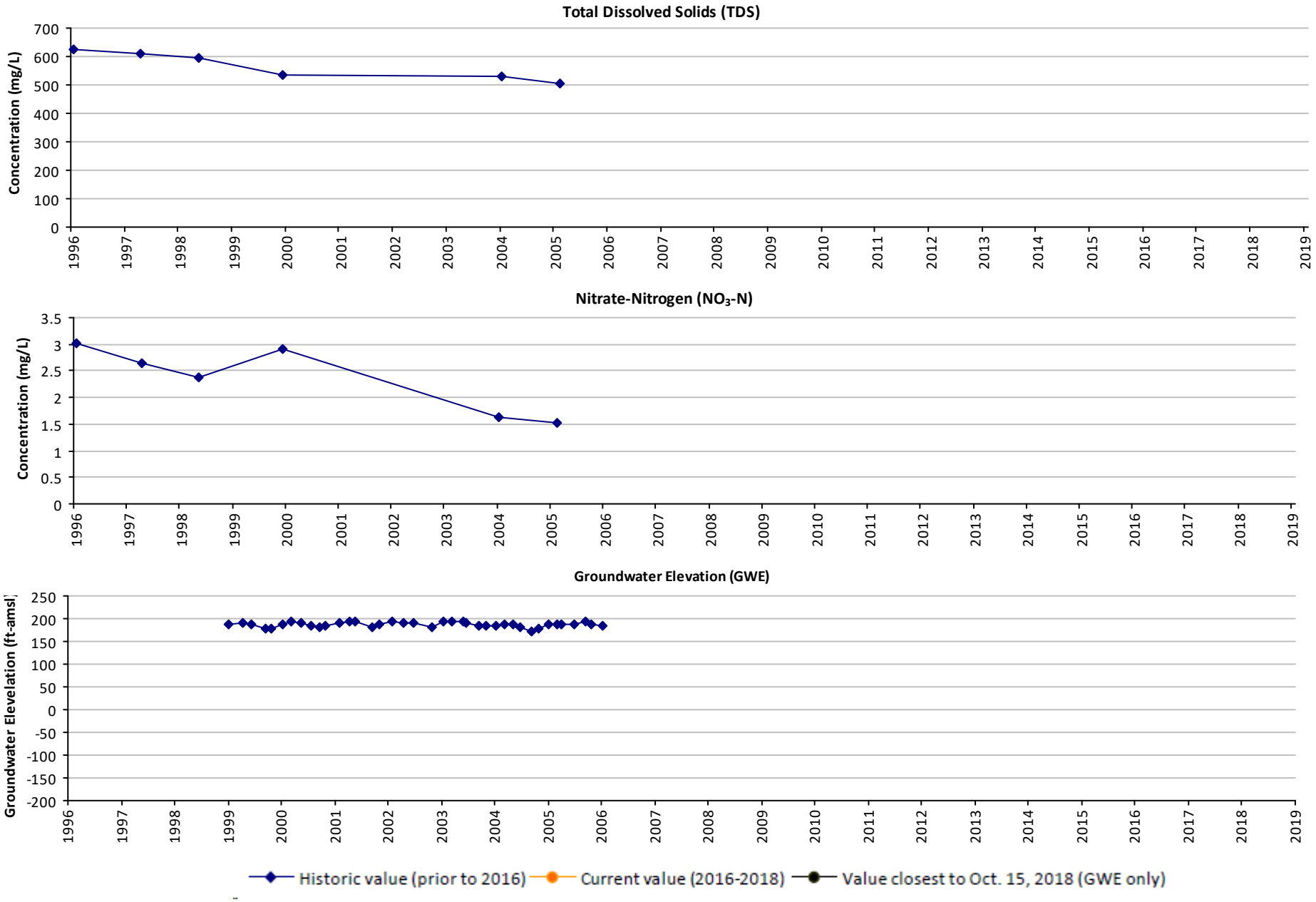
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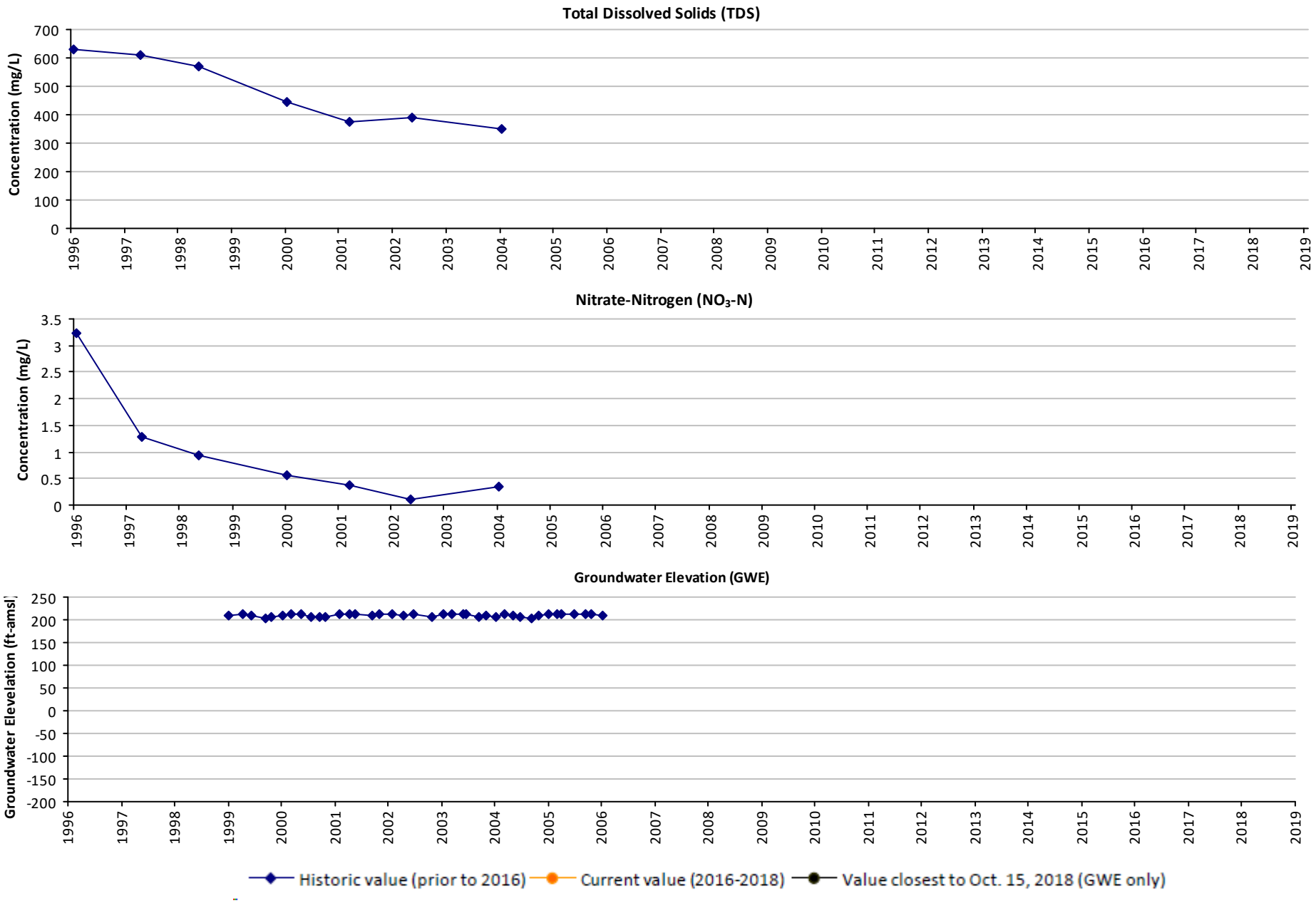
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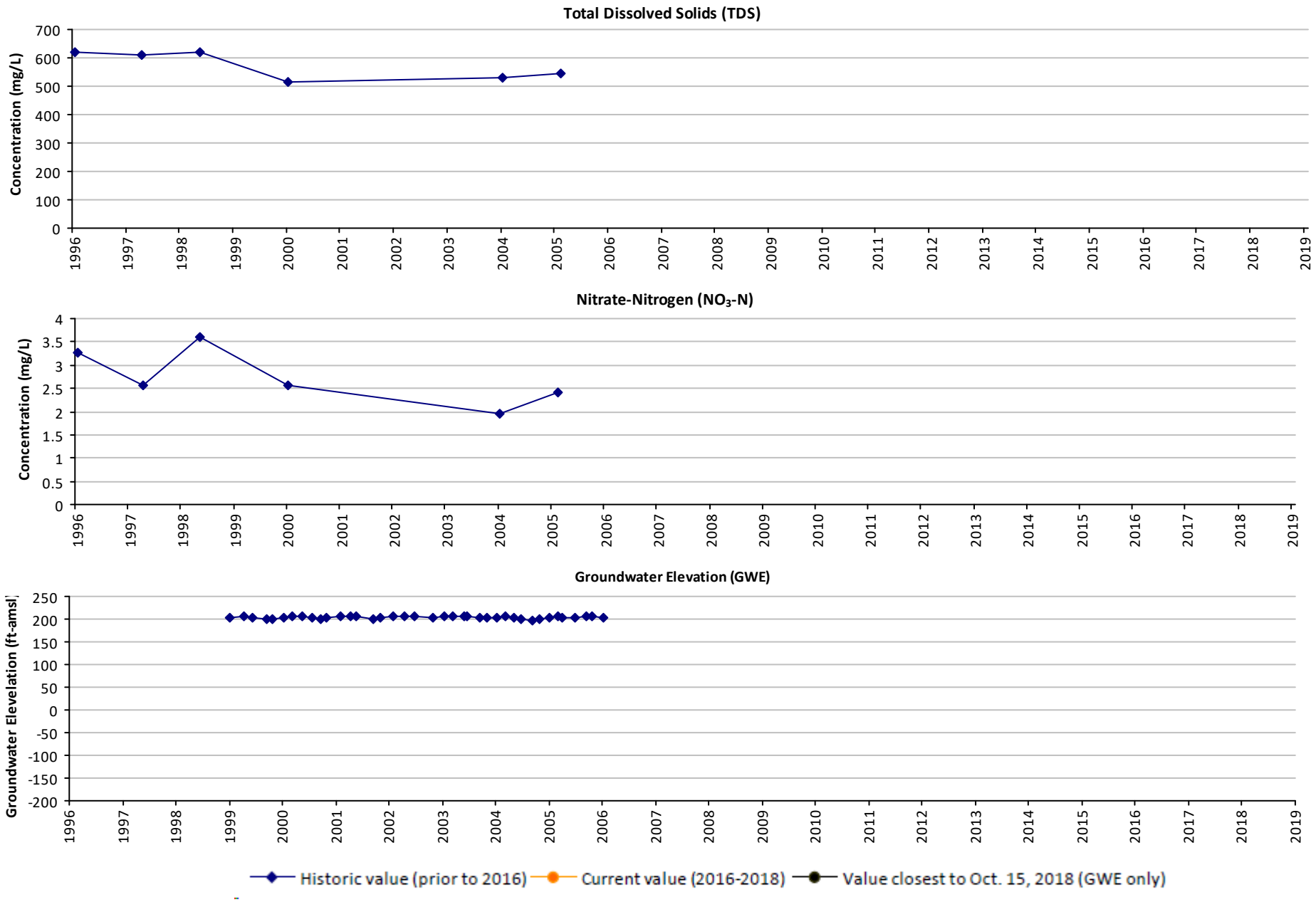
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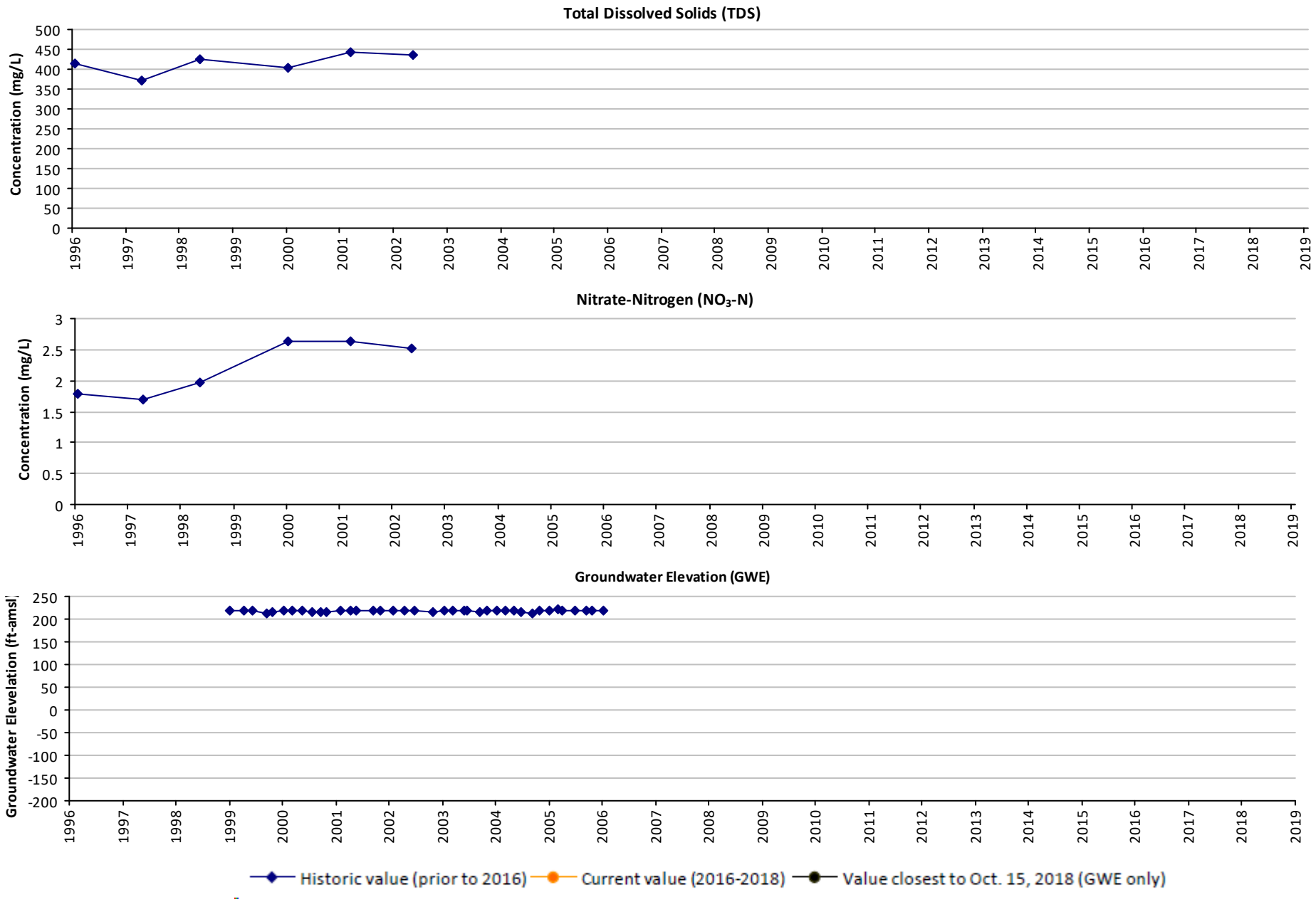
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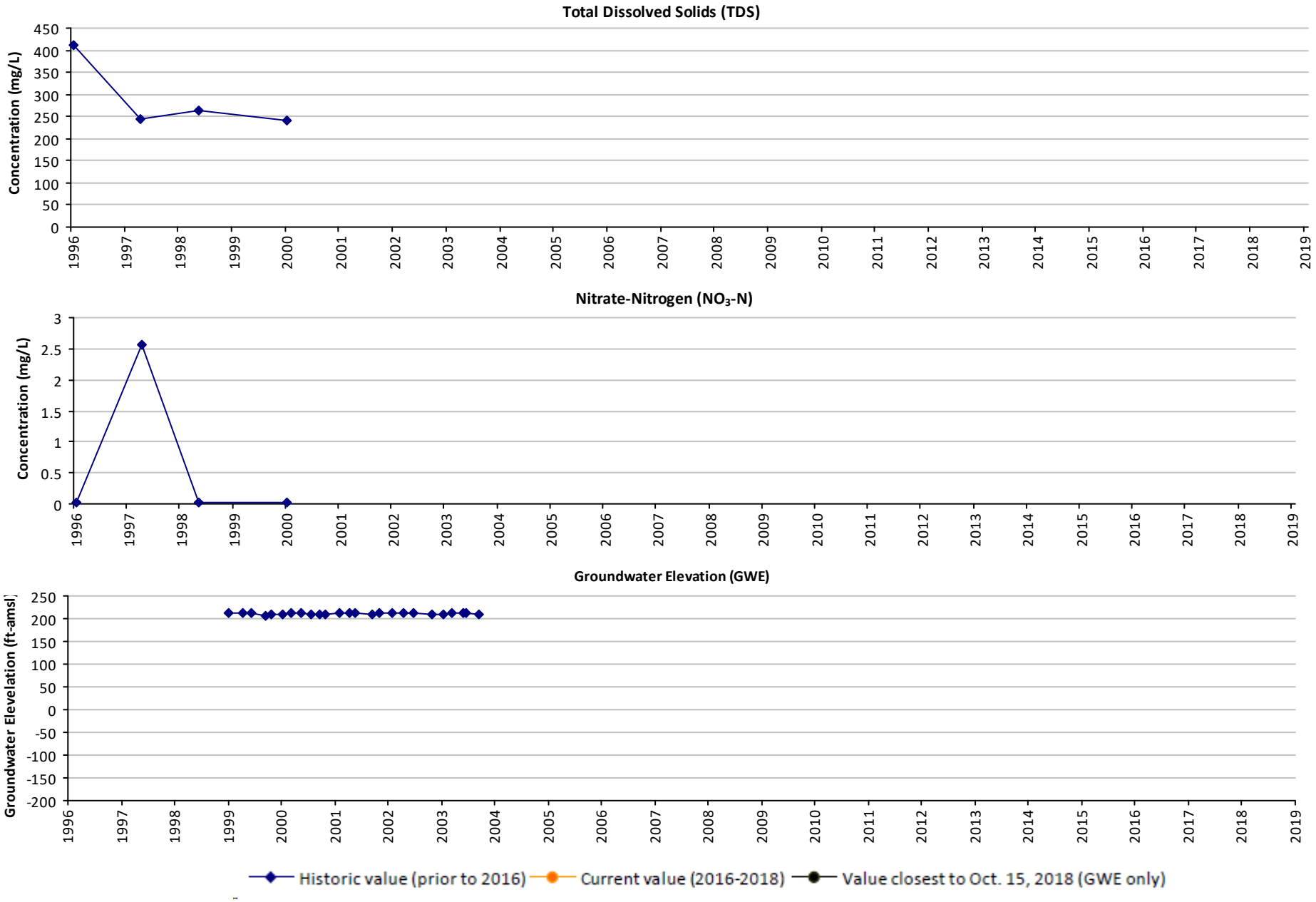
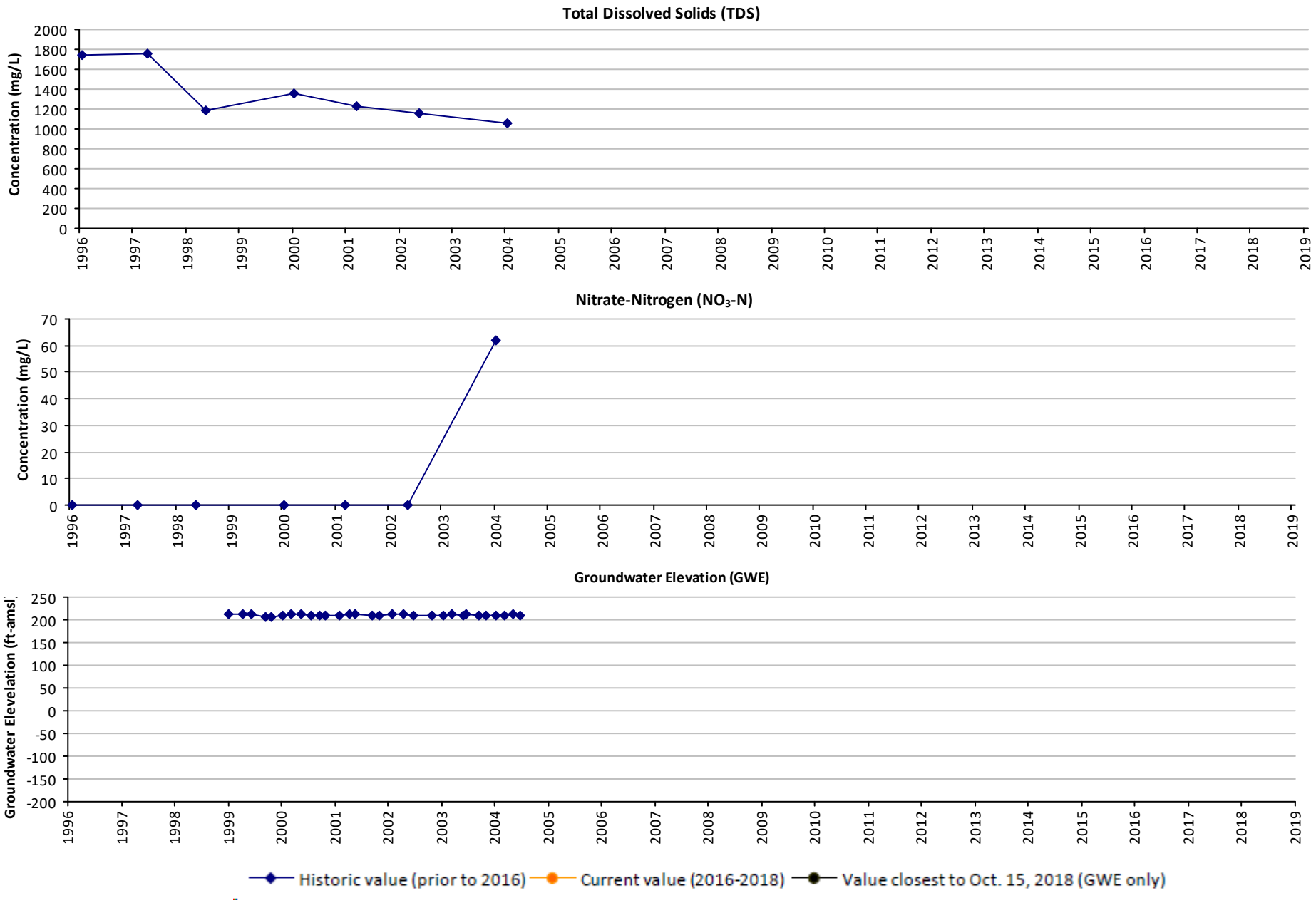
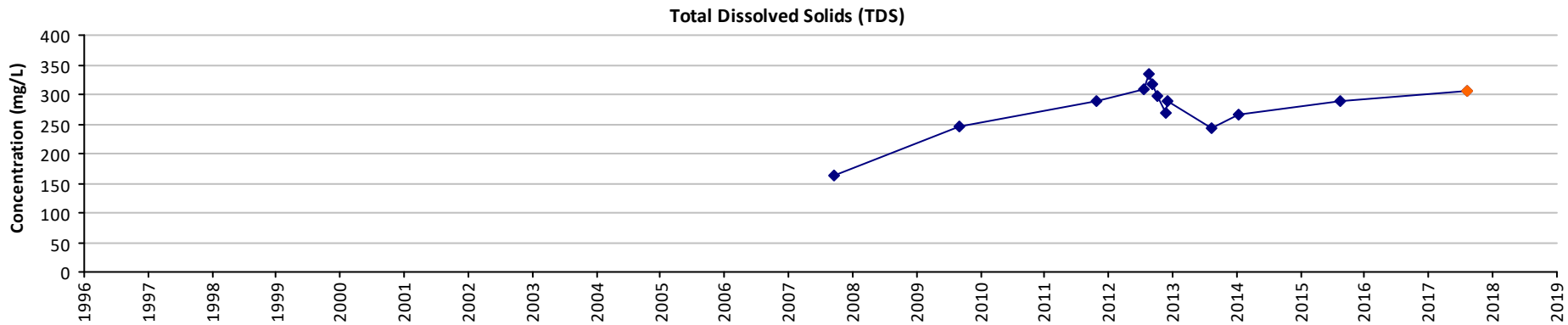
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
2011
2012
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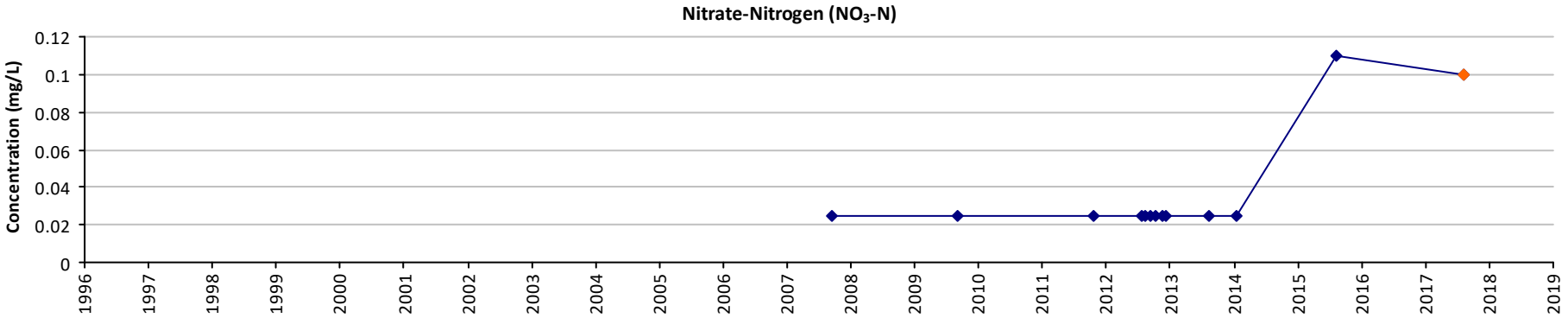
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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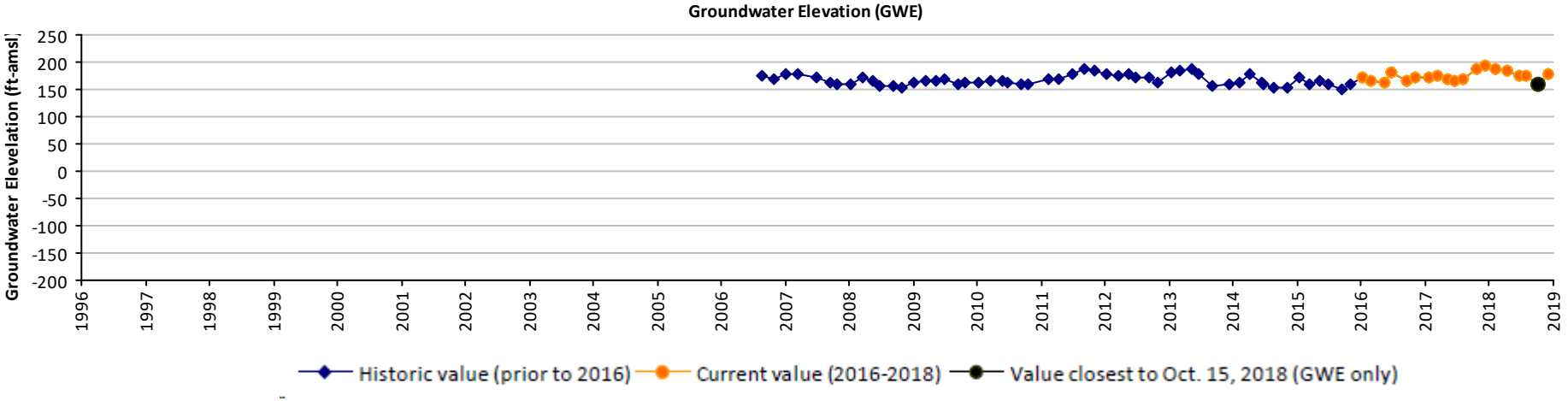
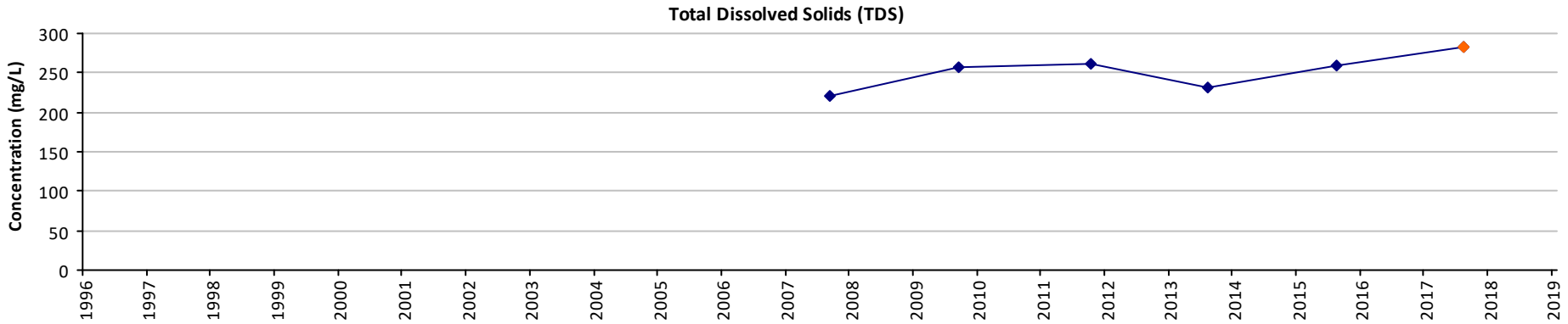
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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2001
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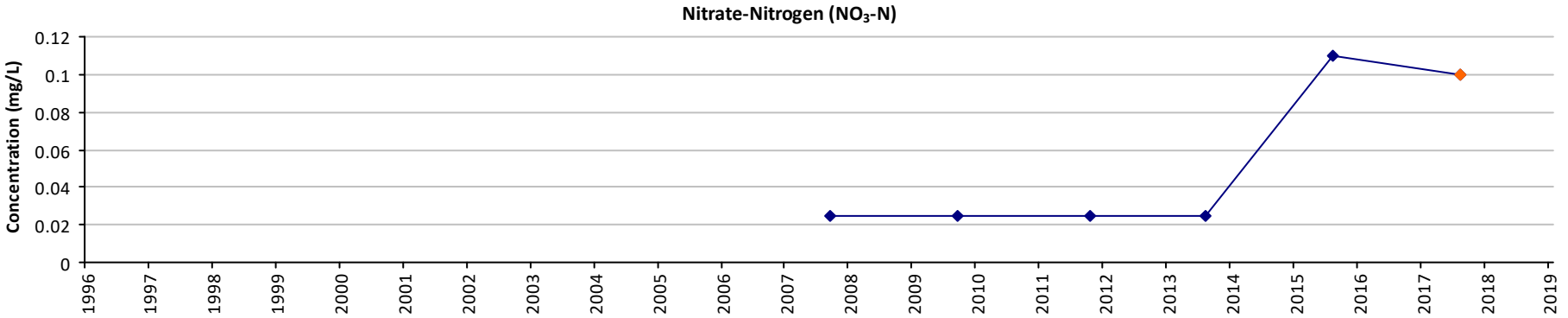
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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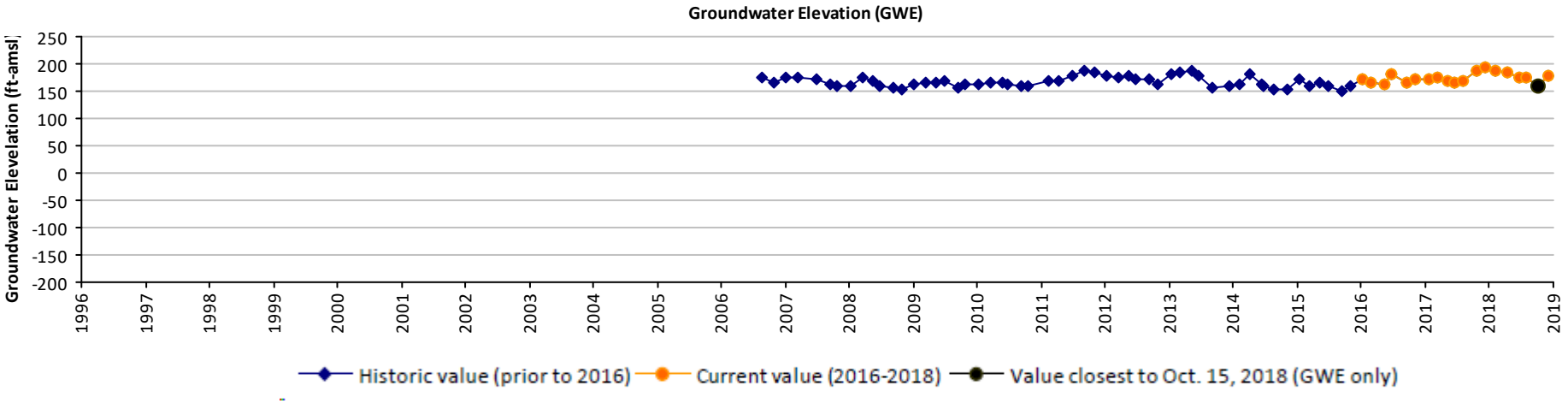
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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2013
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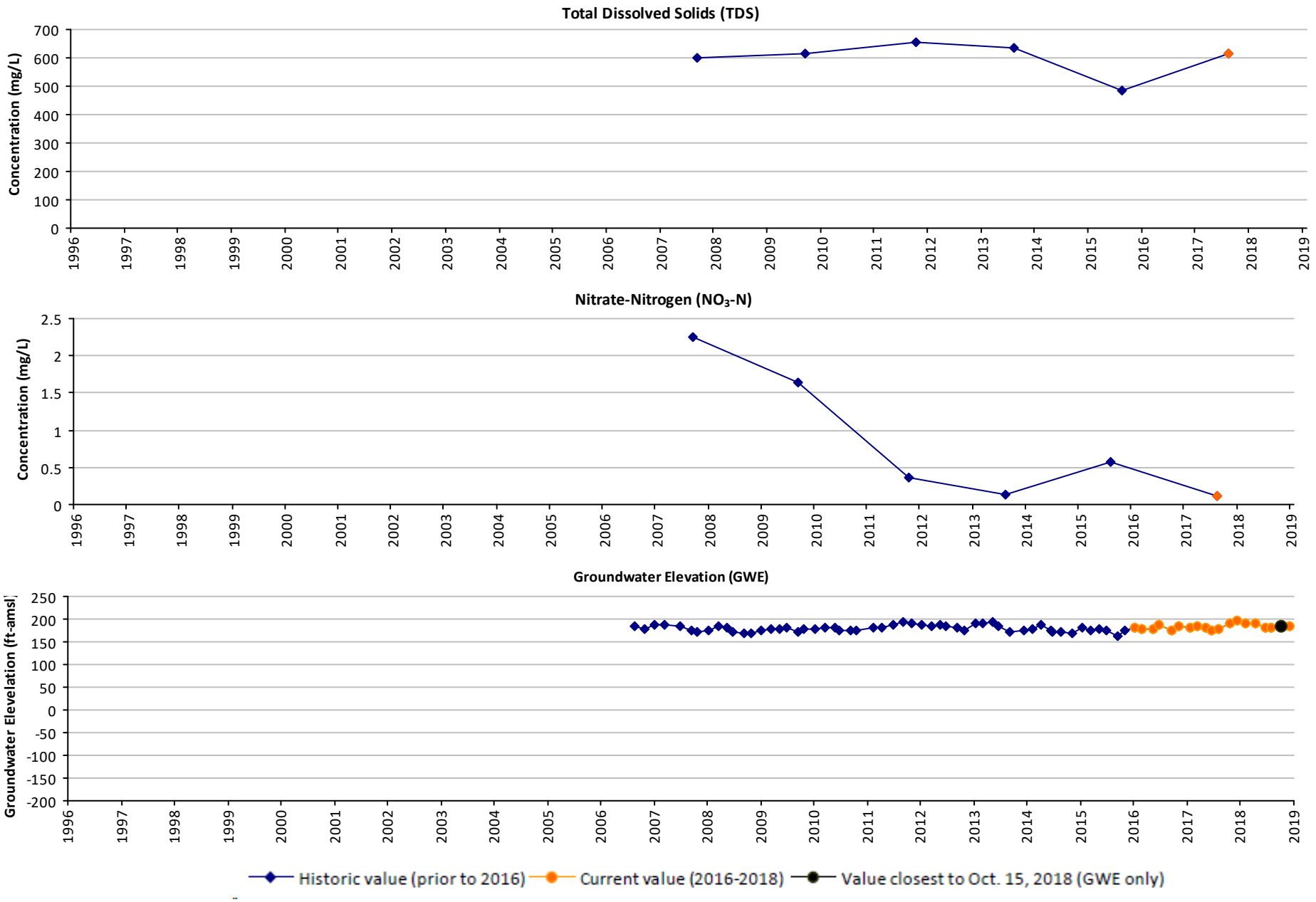
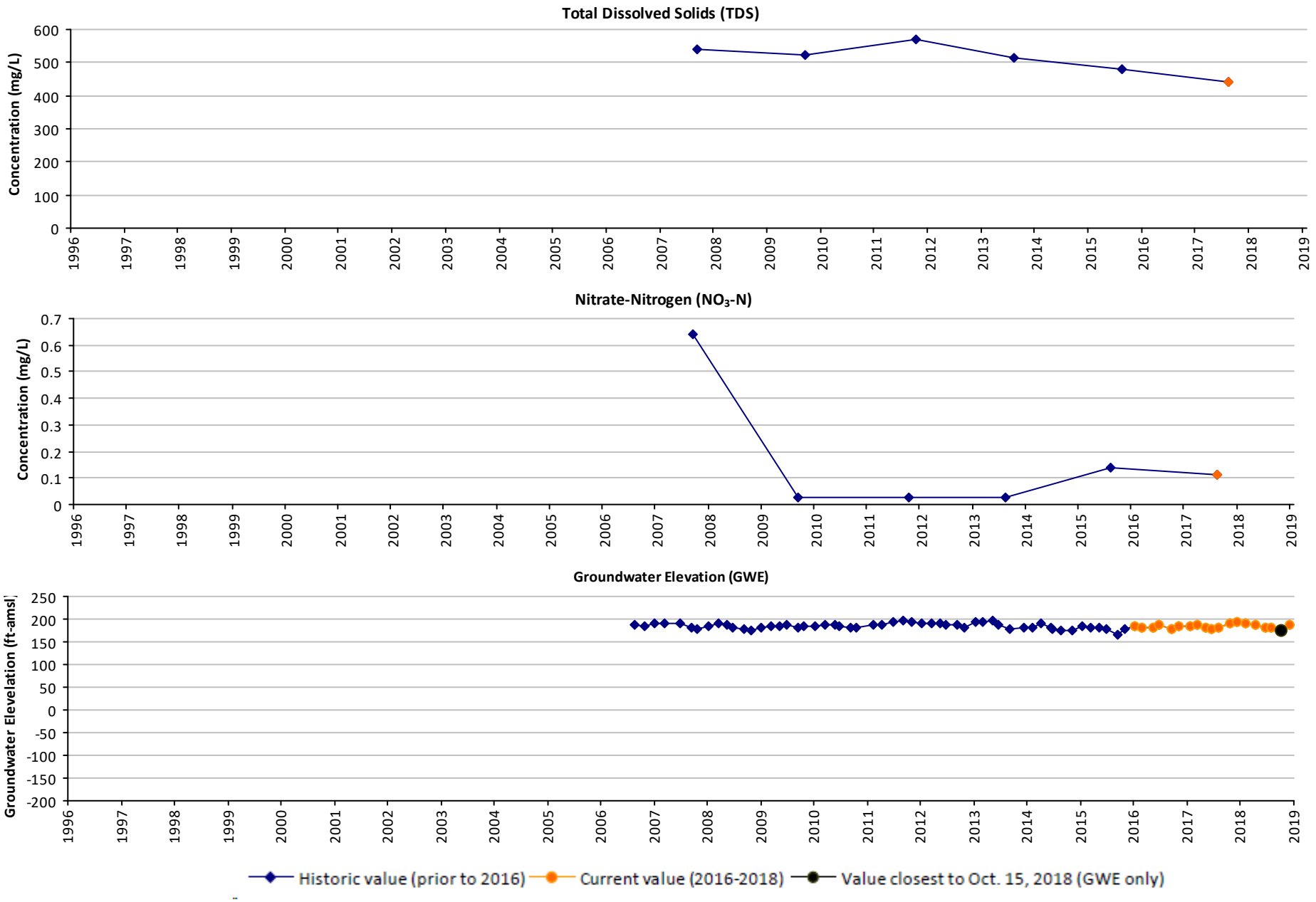
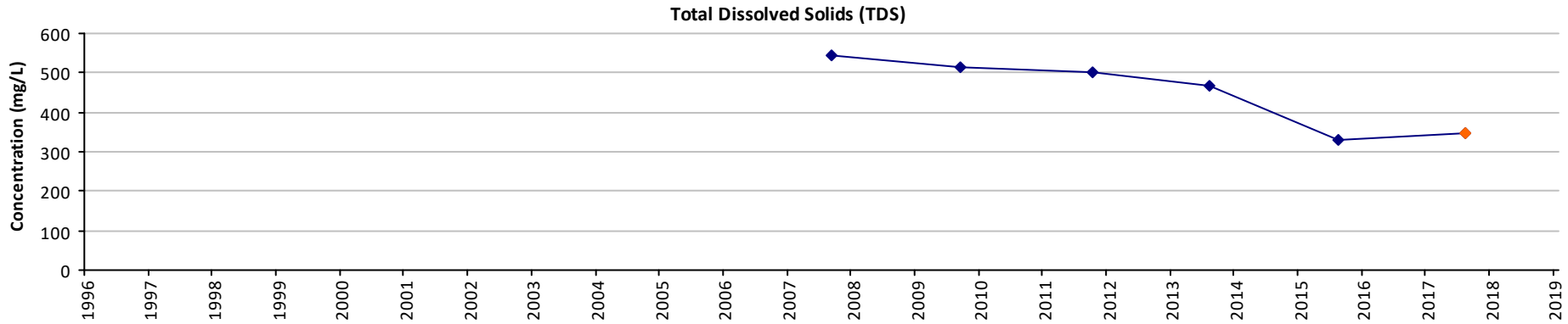
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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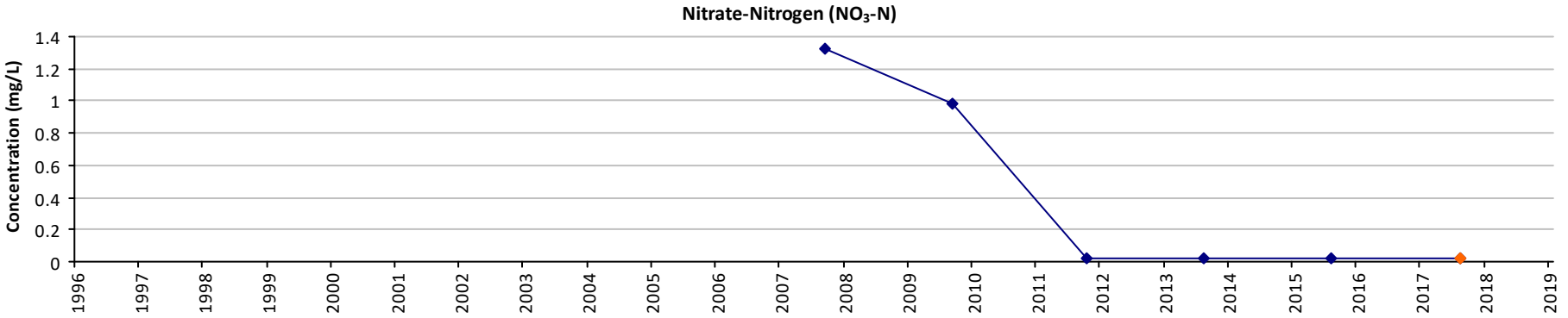
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2012
2013
2014
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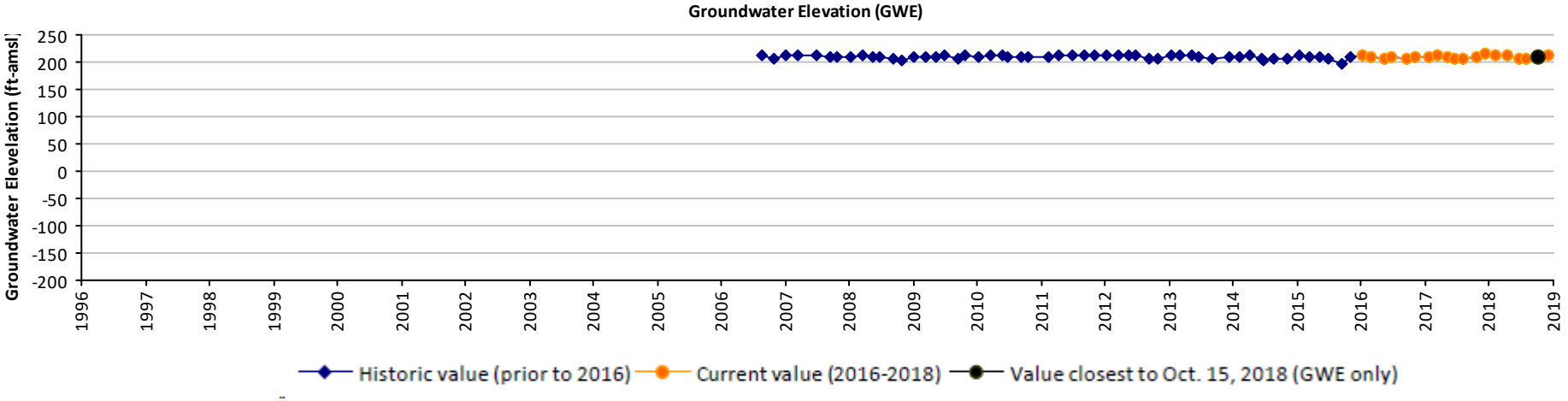
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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2012
2013
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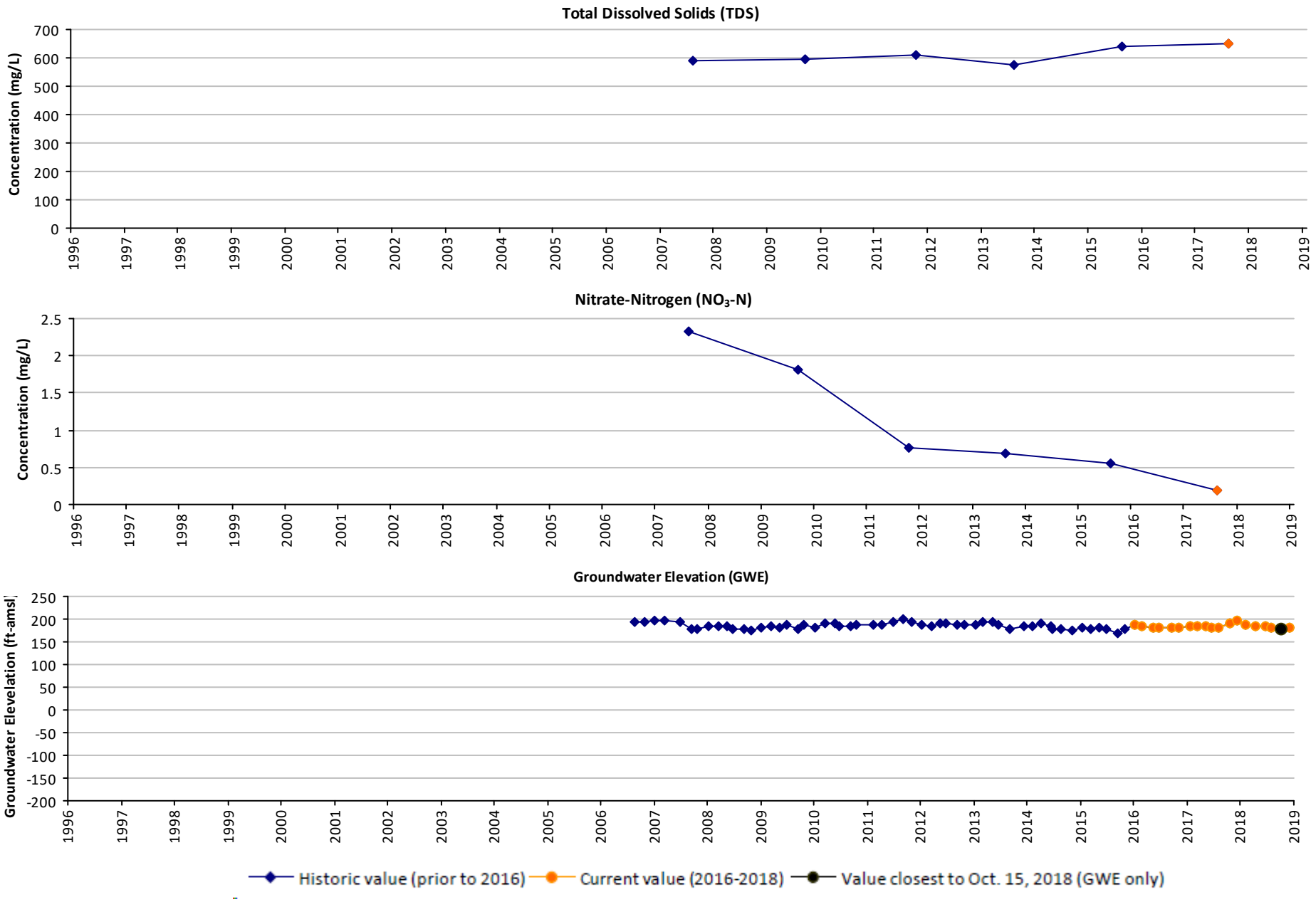
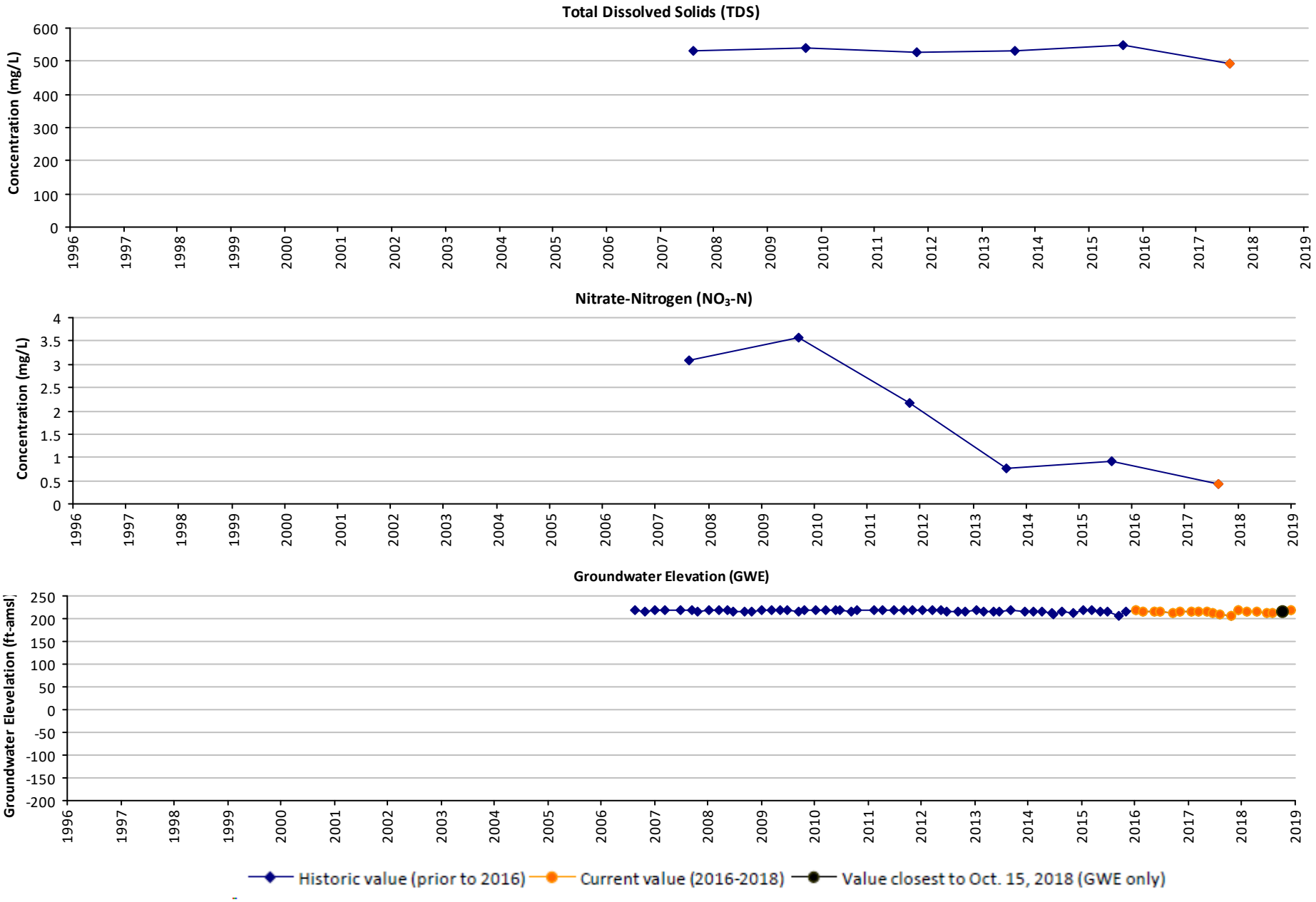
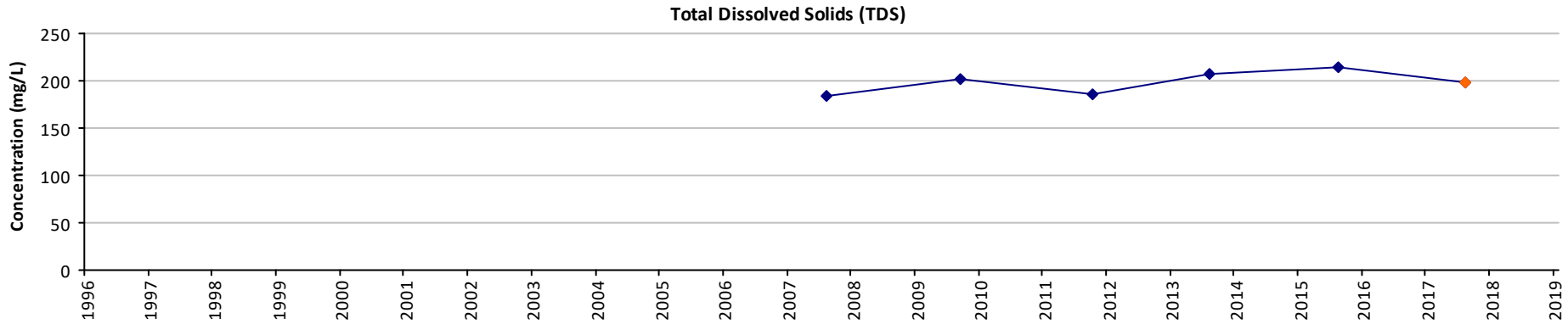
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
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2016
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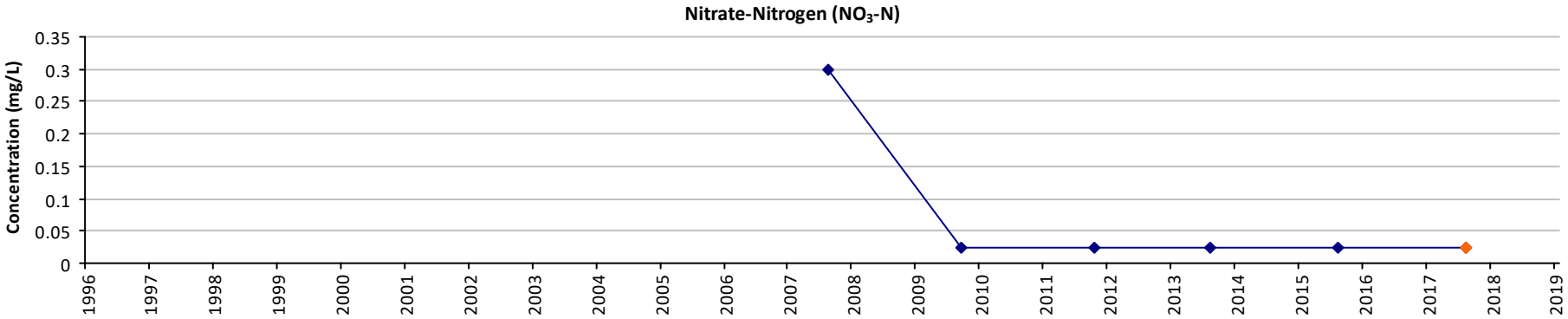
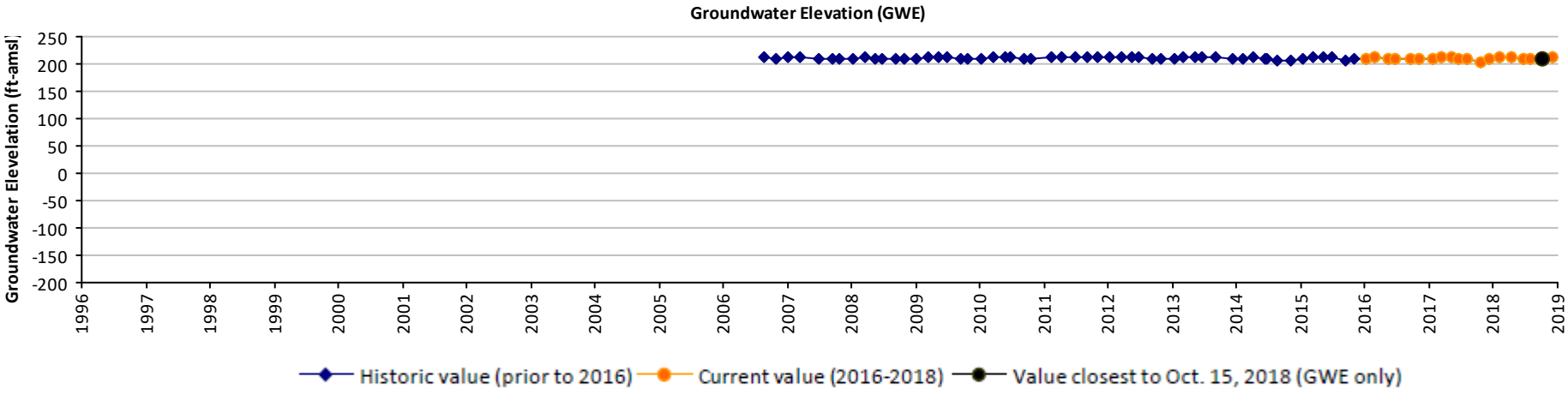
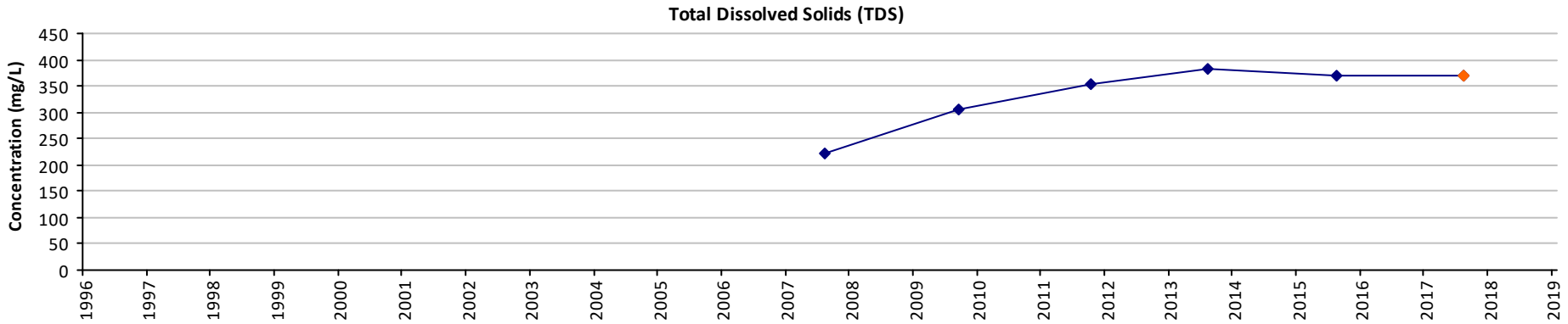
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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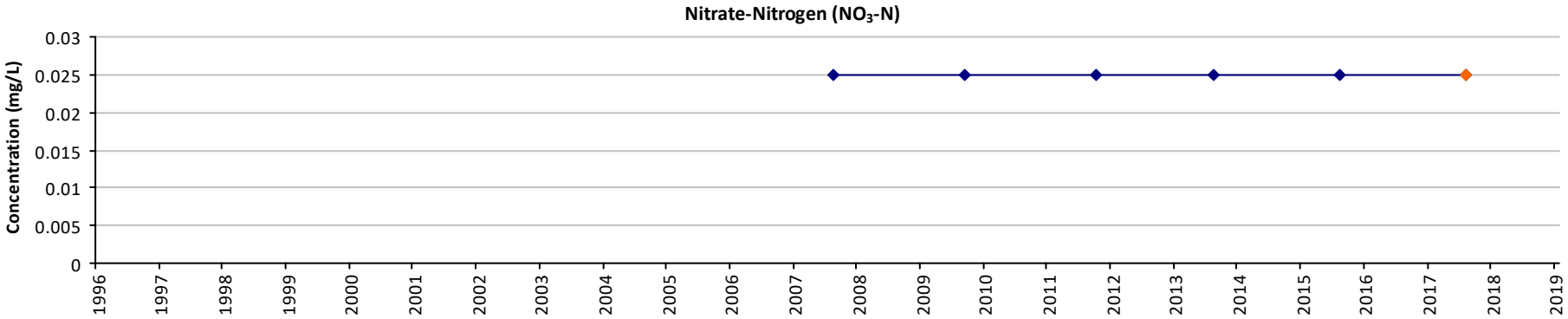
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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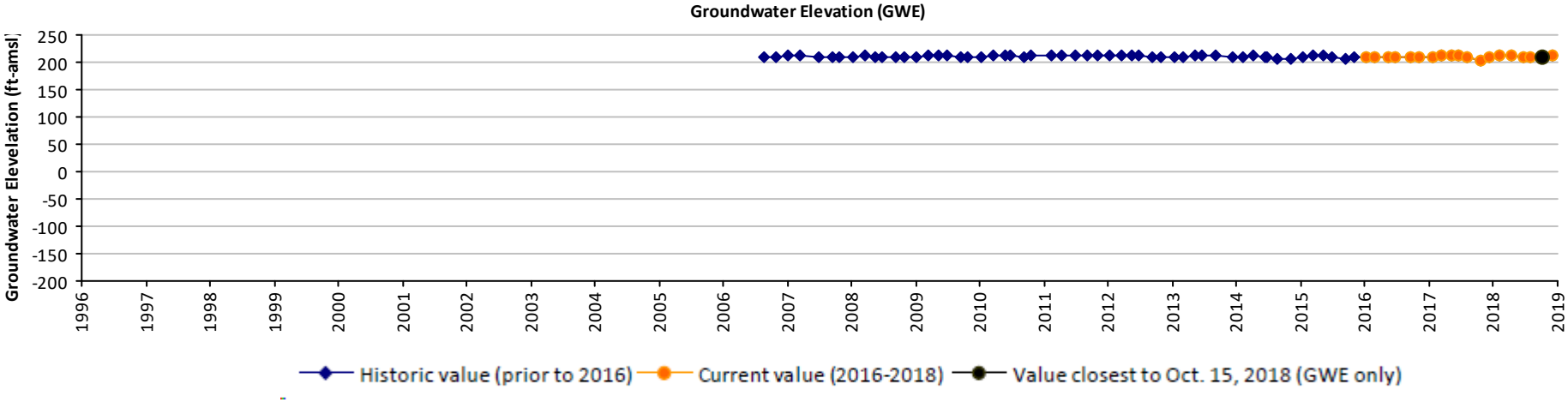
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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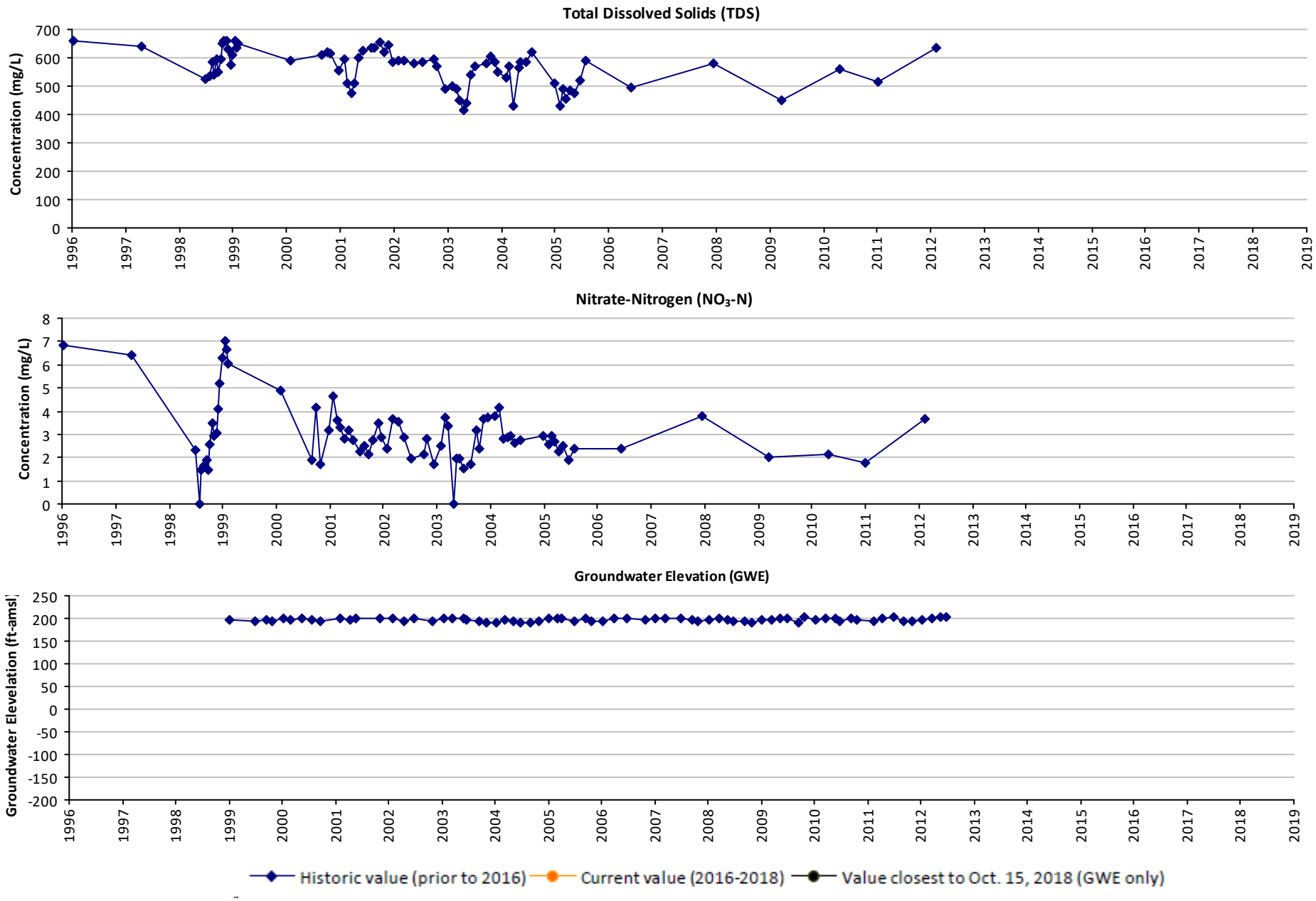
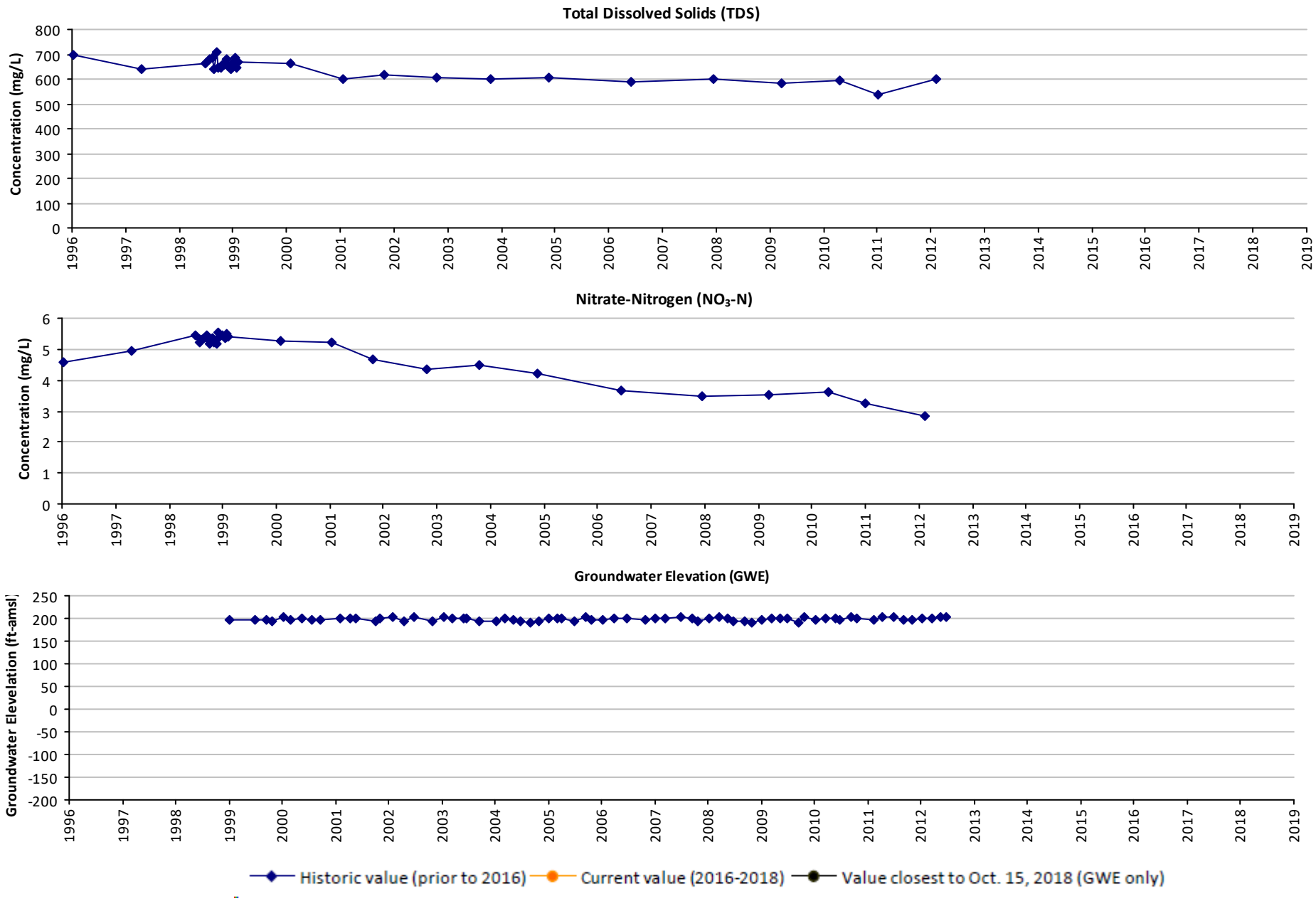
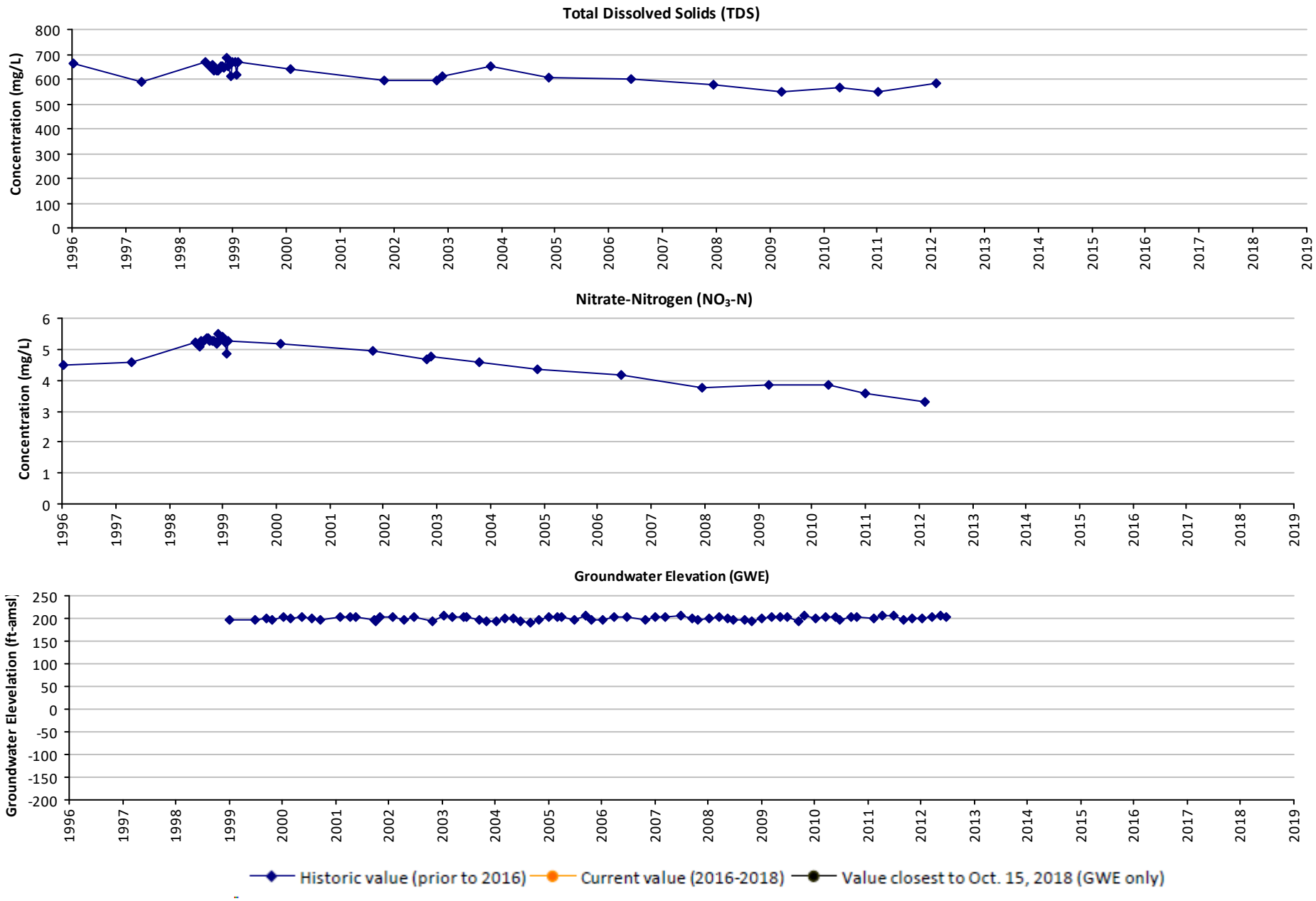
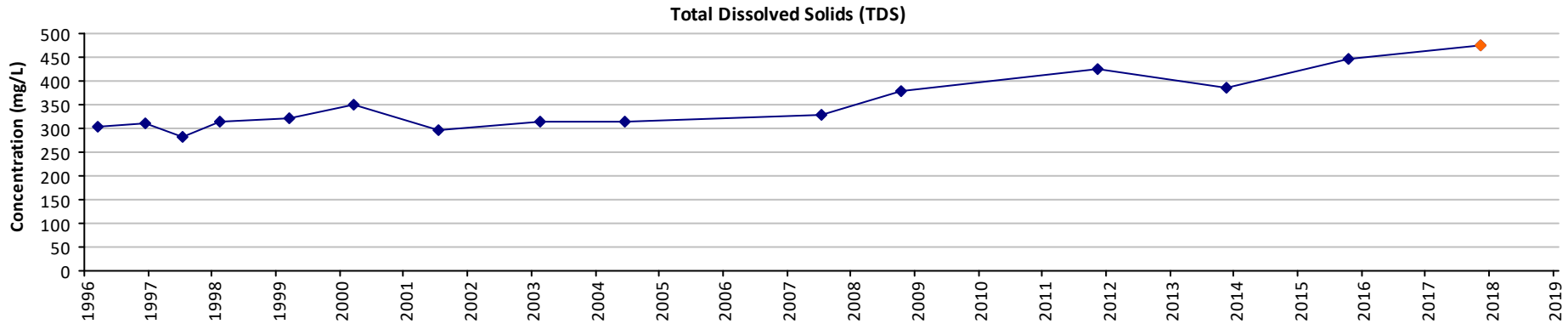
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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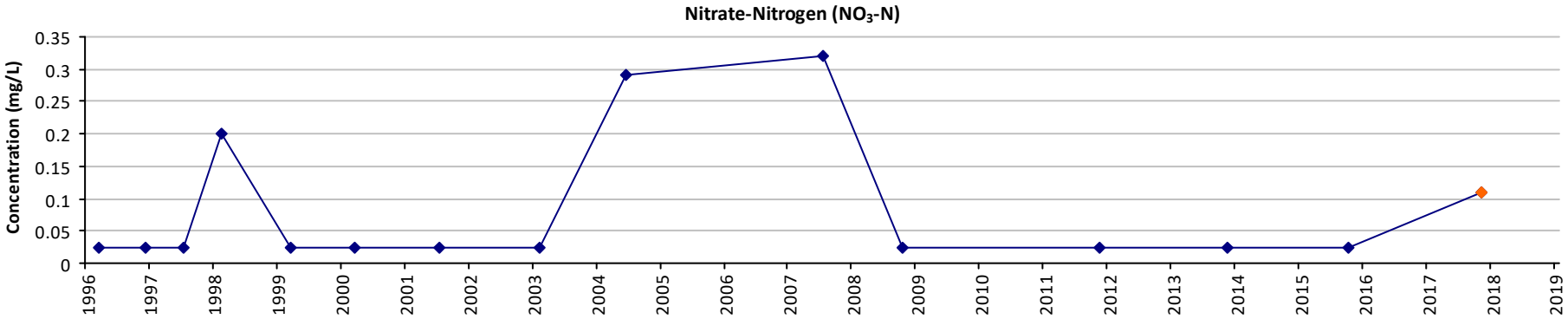
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
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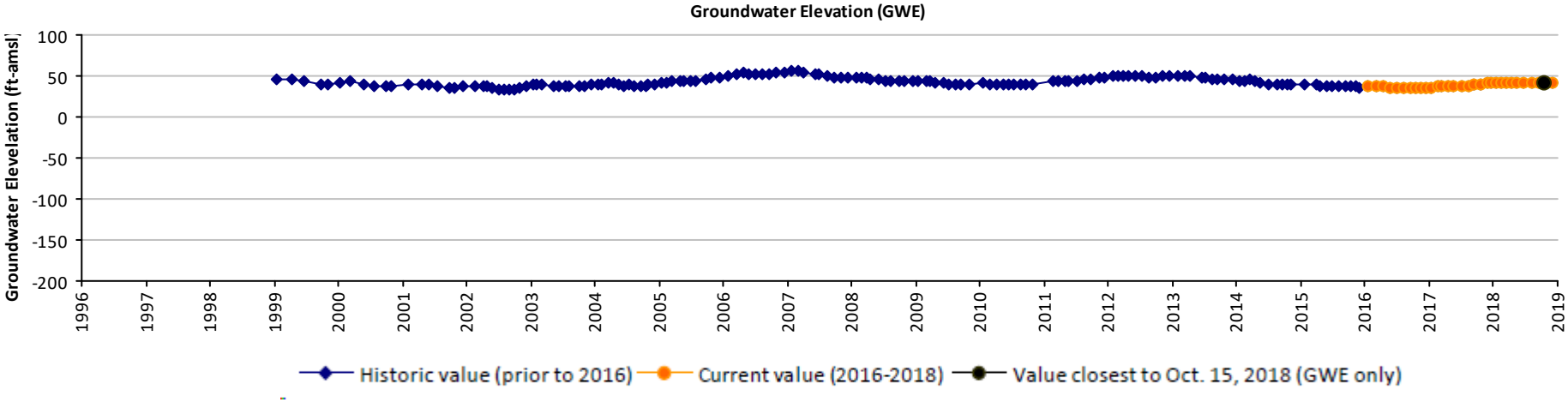
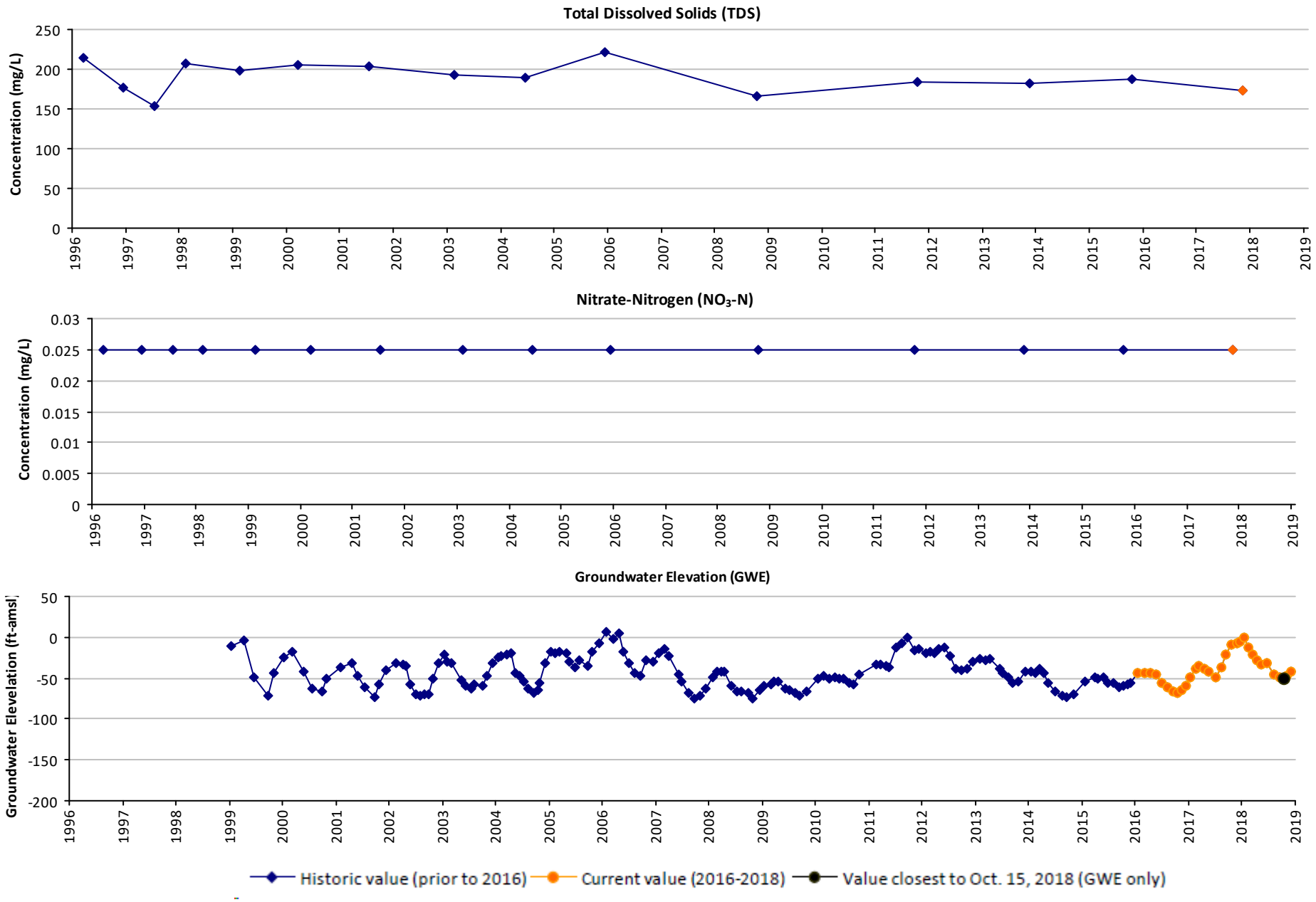
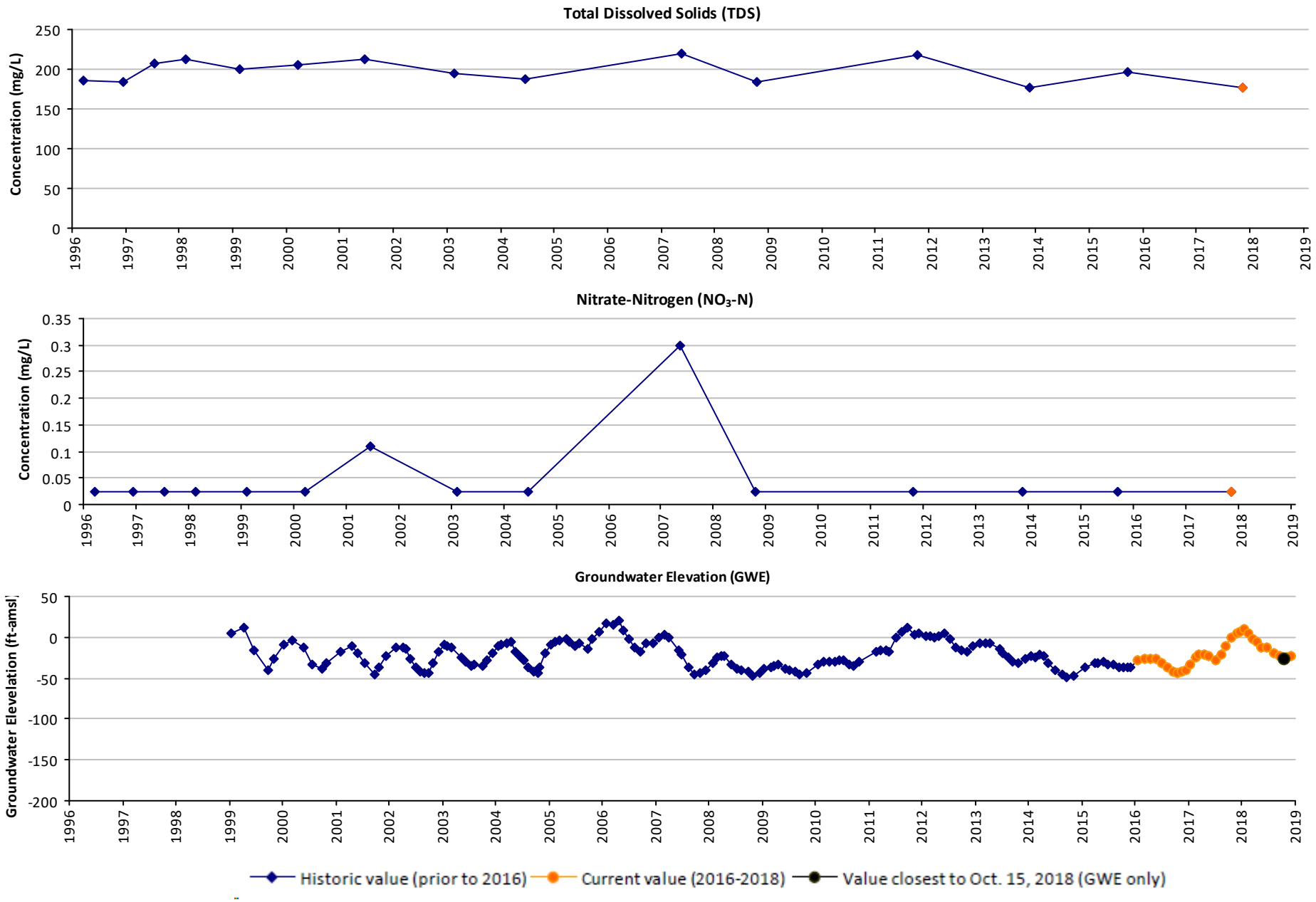
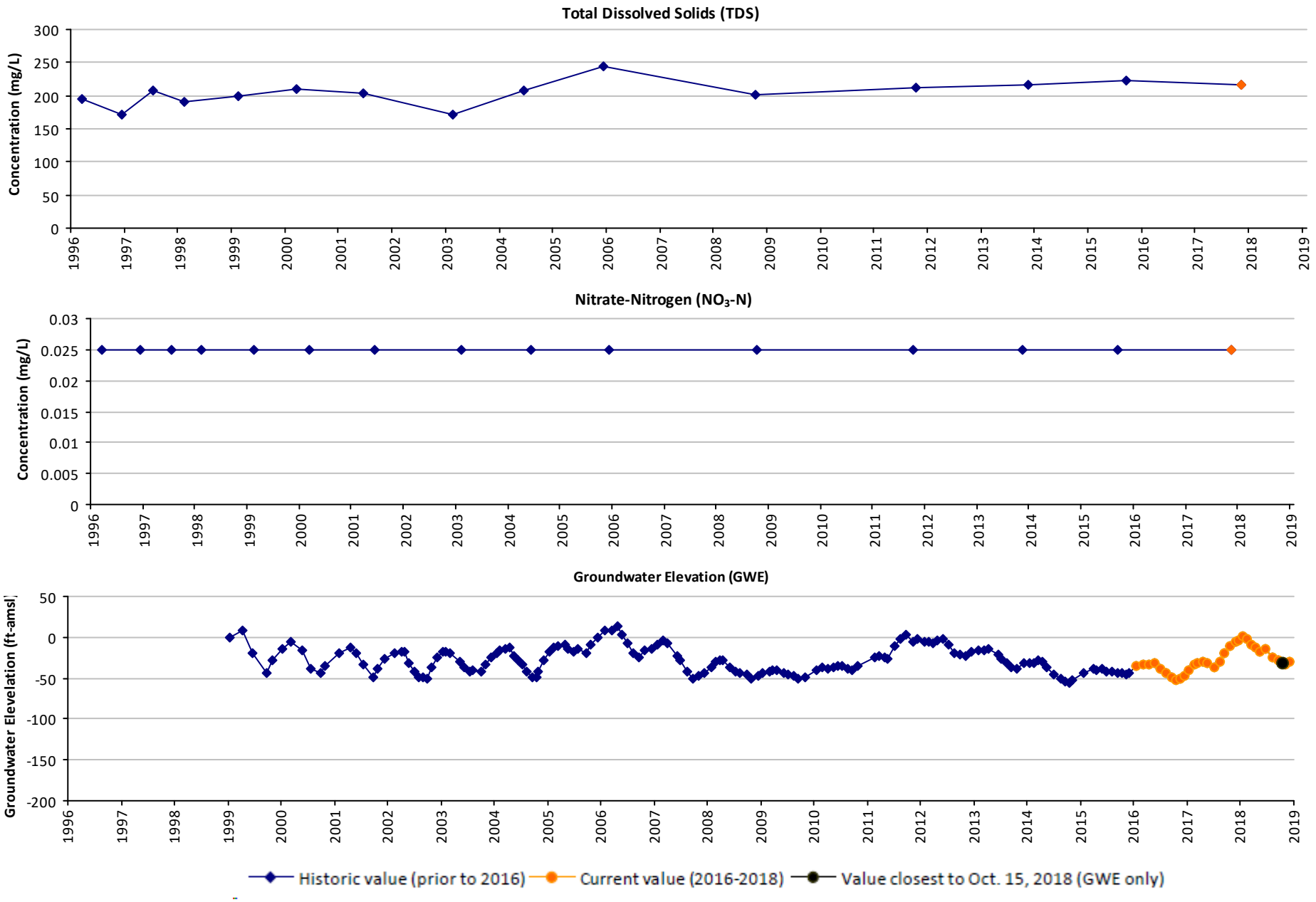
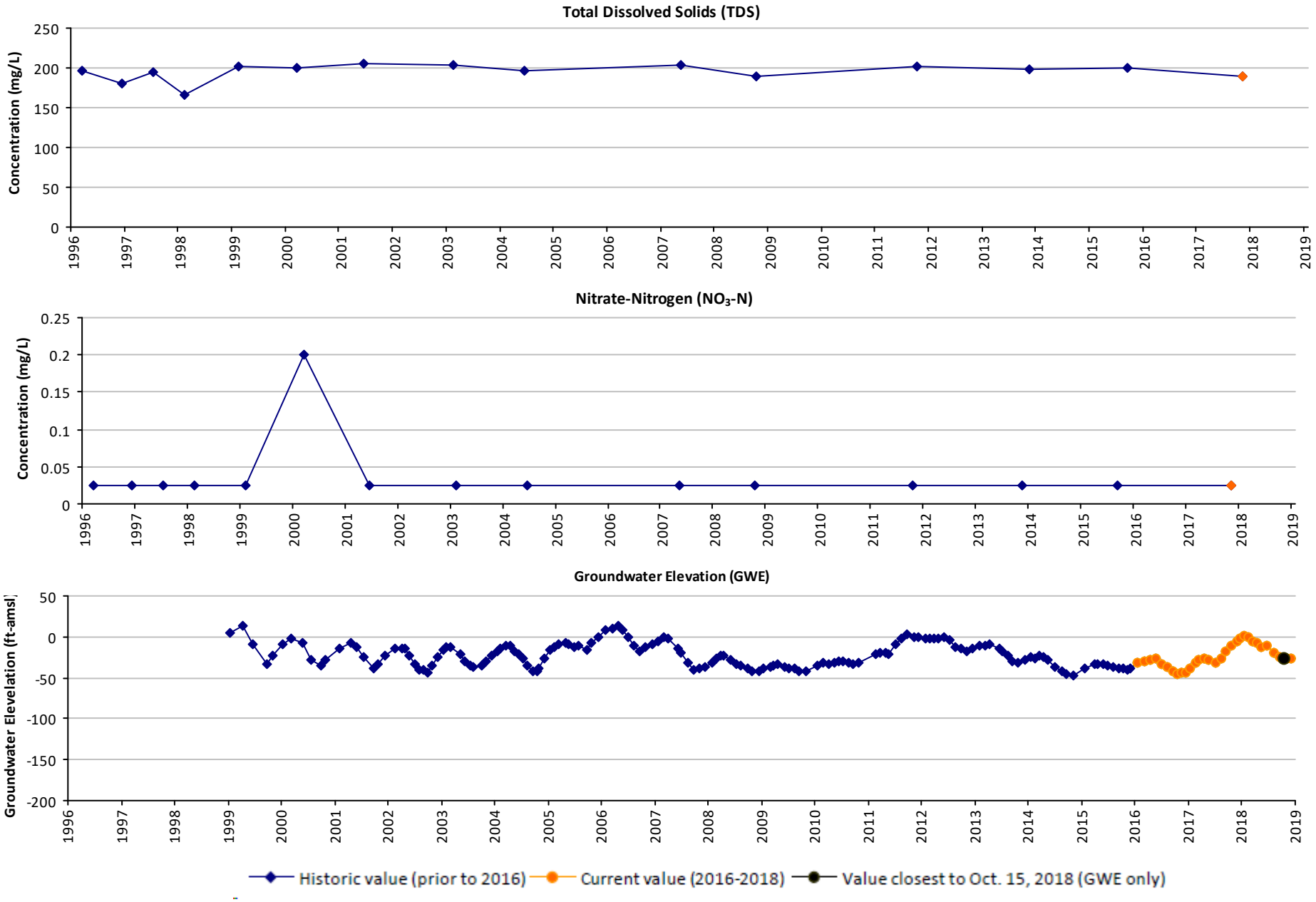
2017
2018
2019

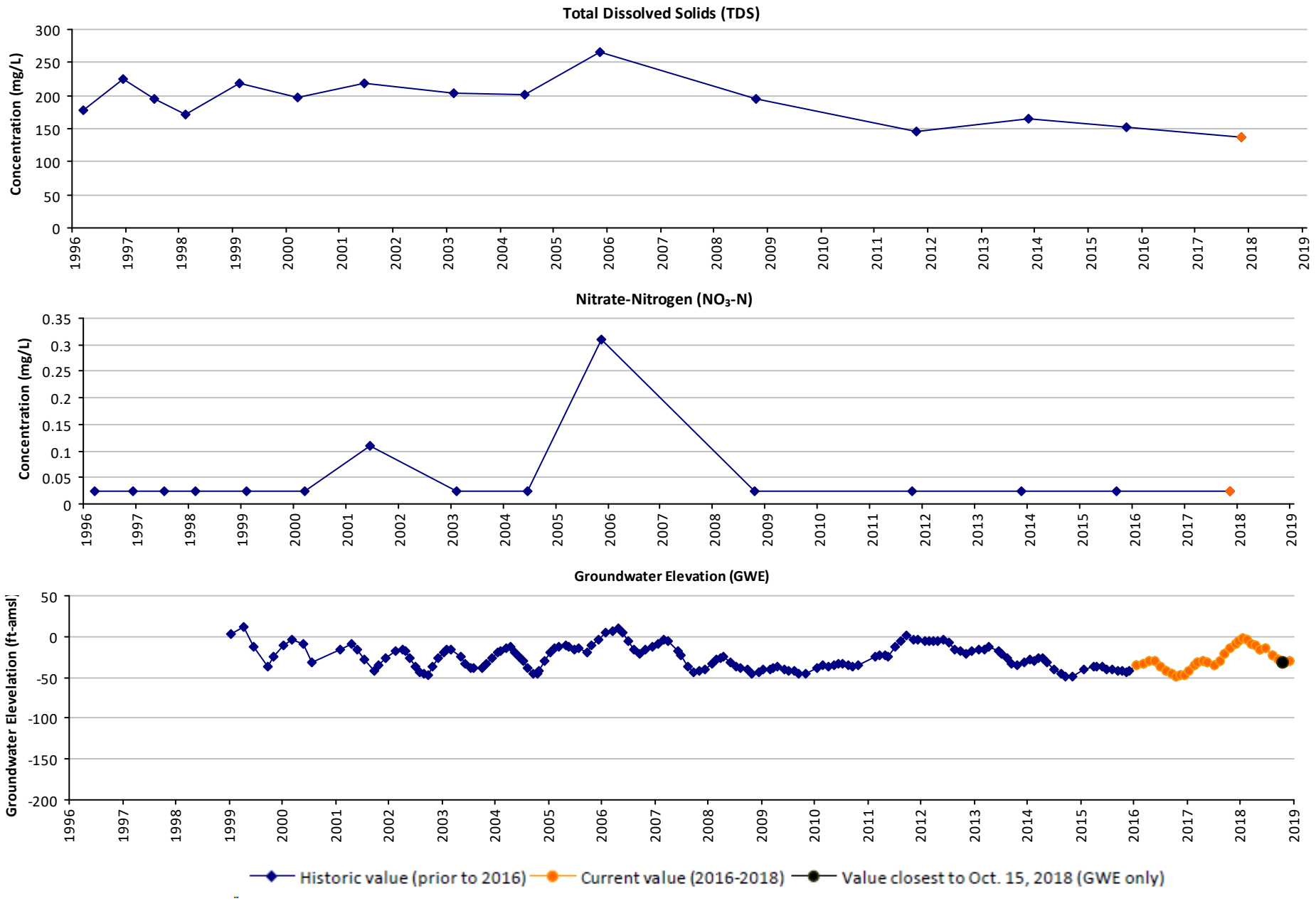

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

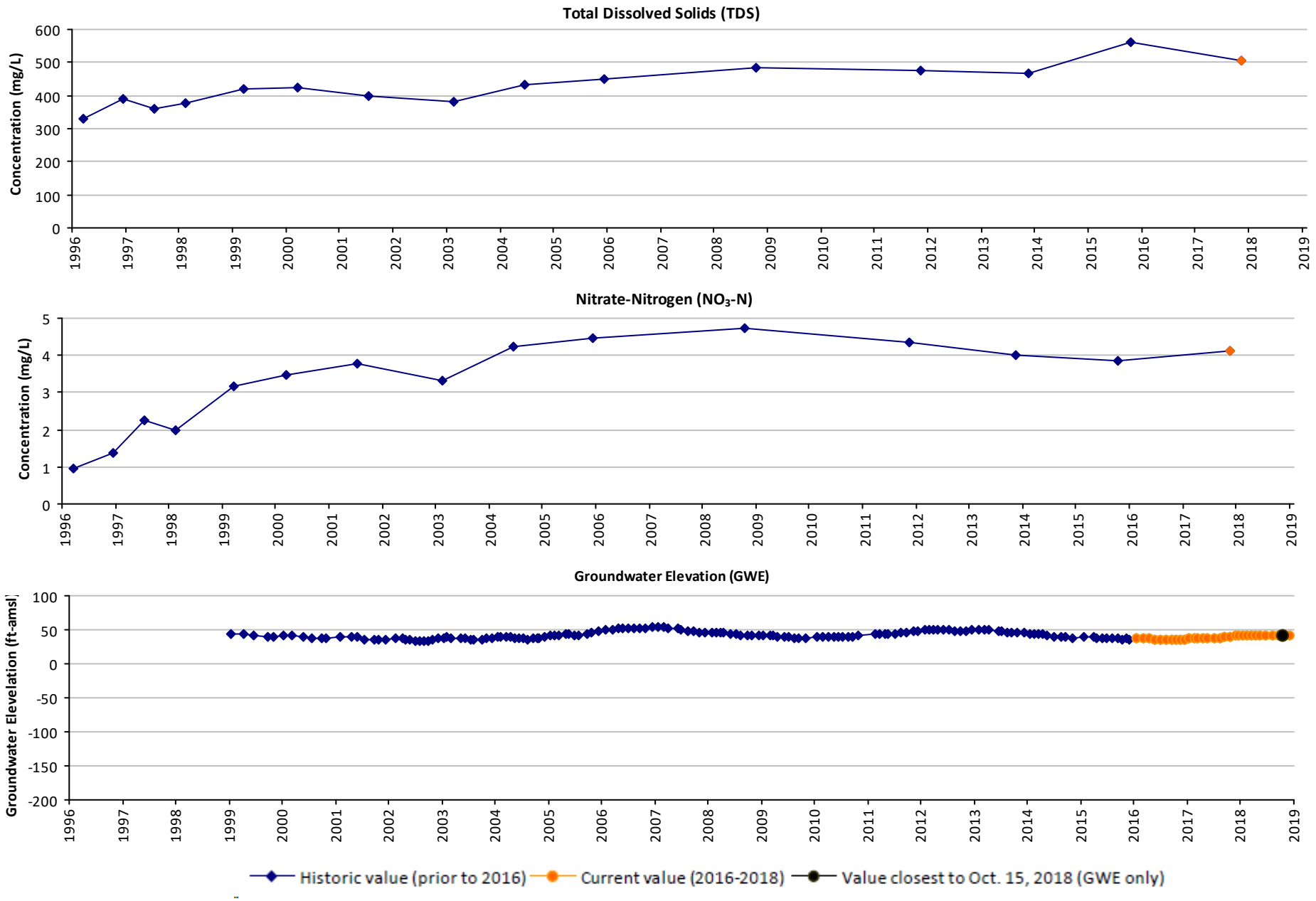

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

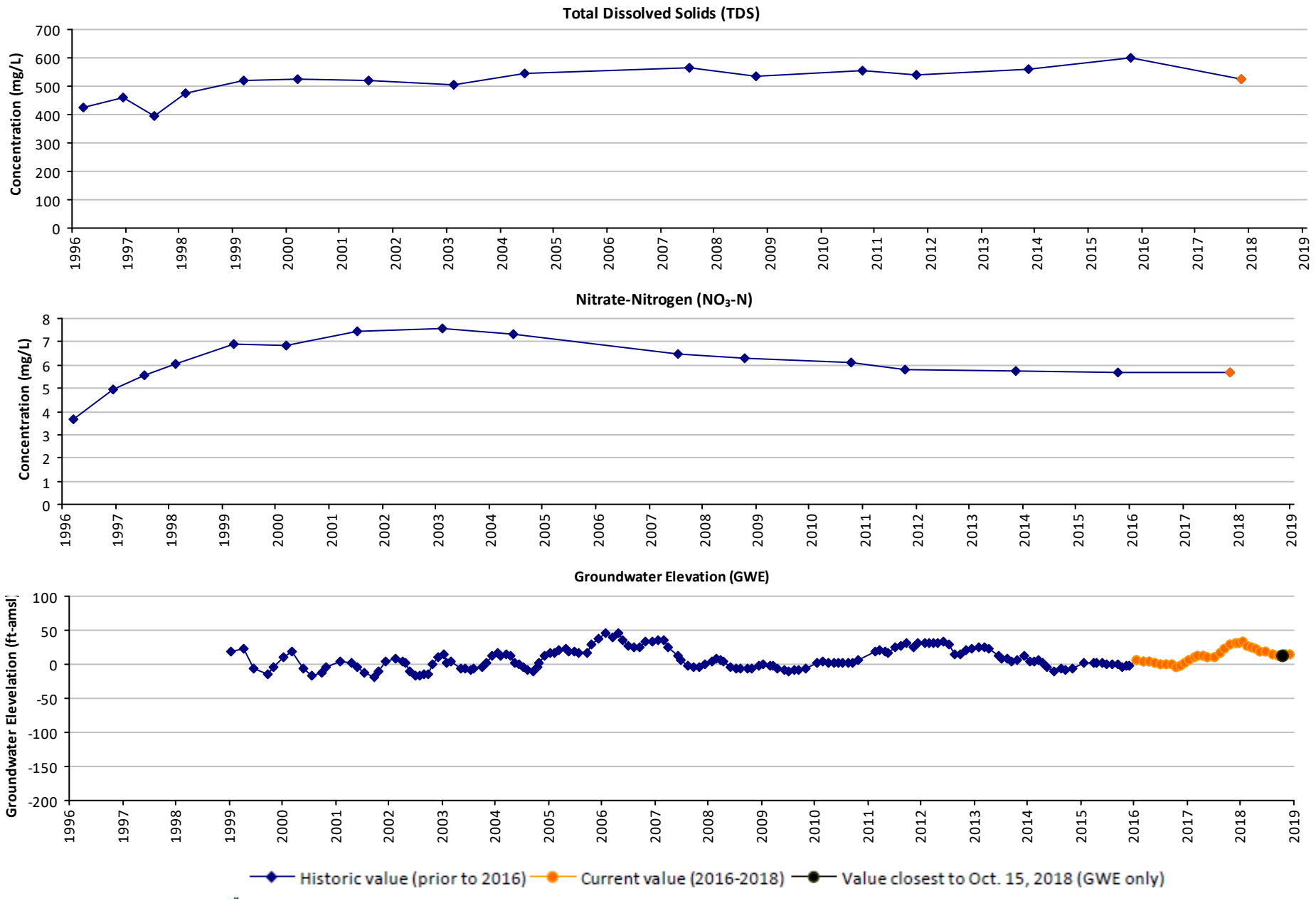

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

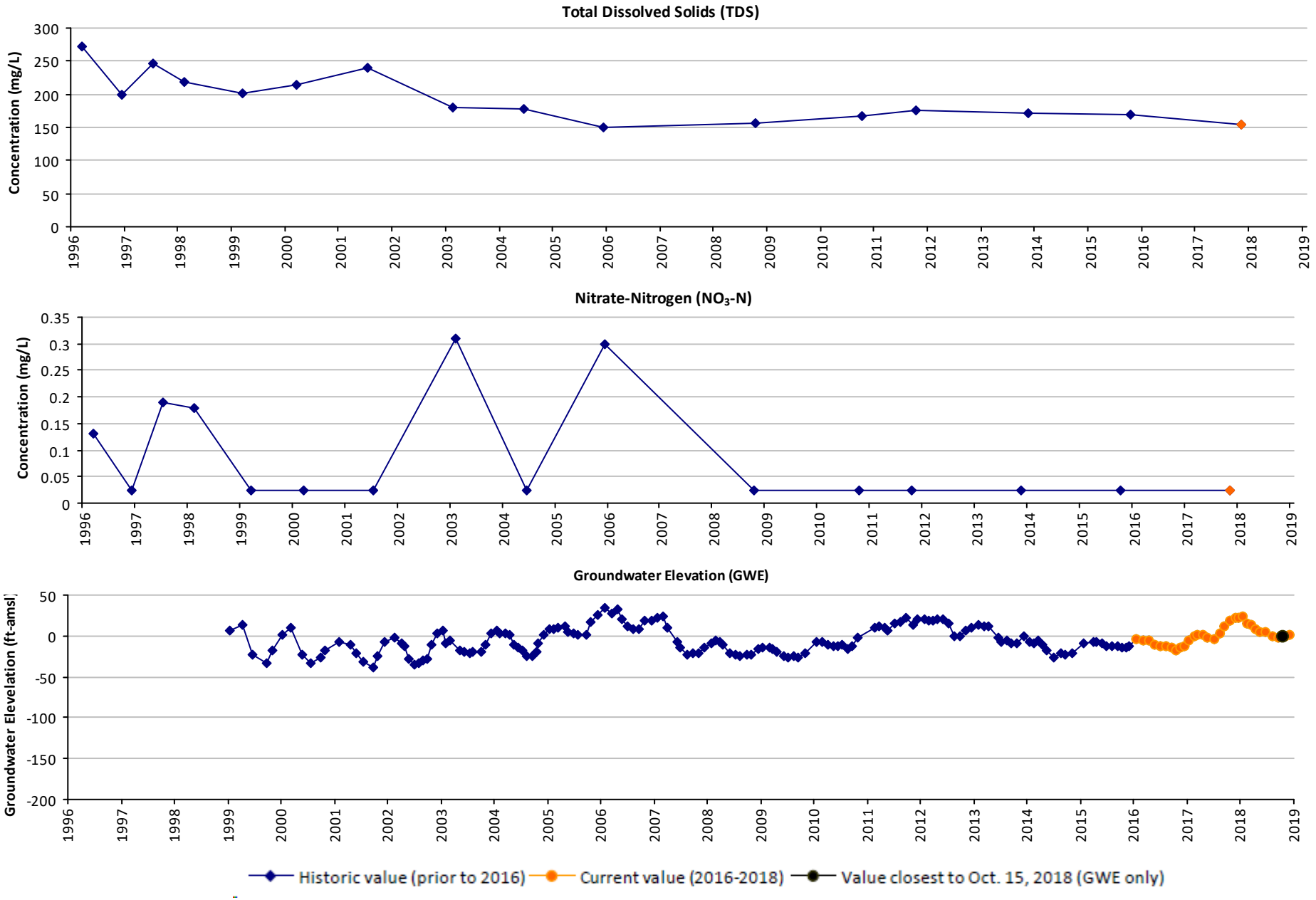

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

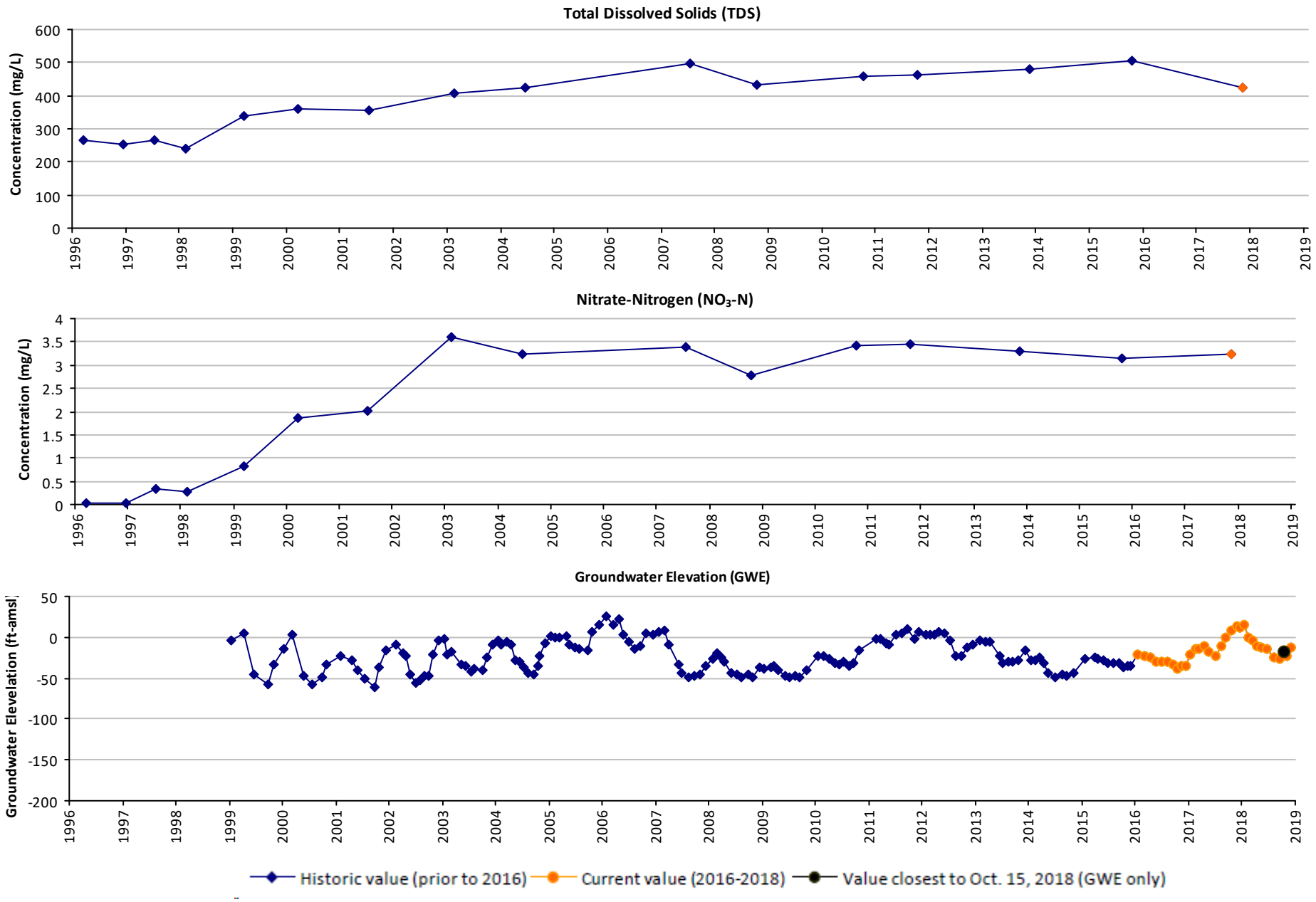

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

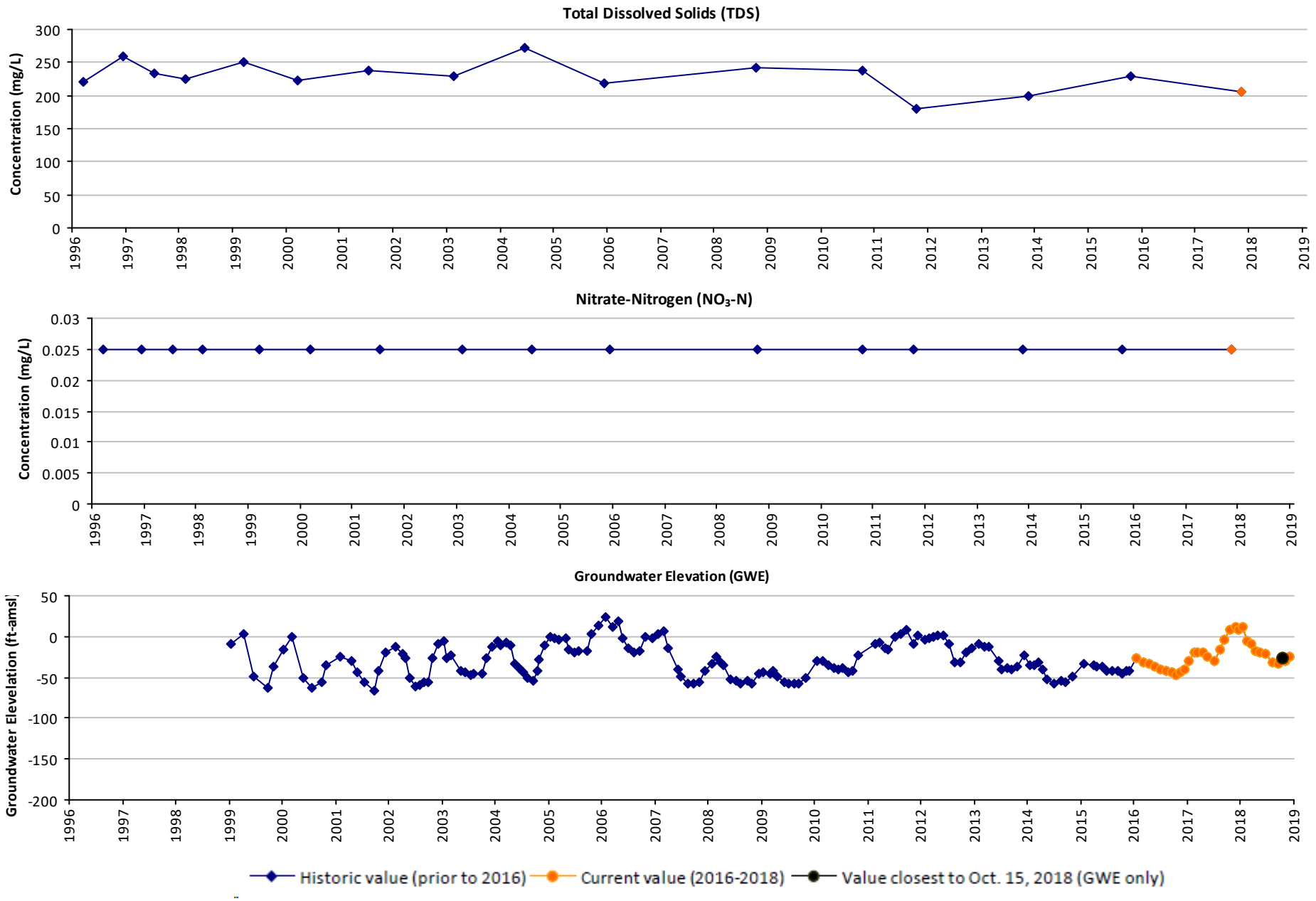

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

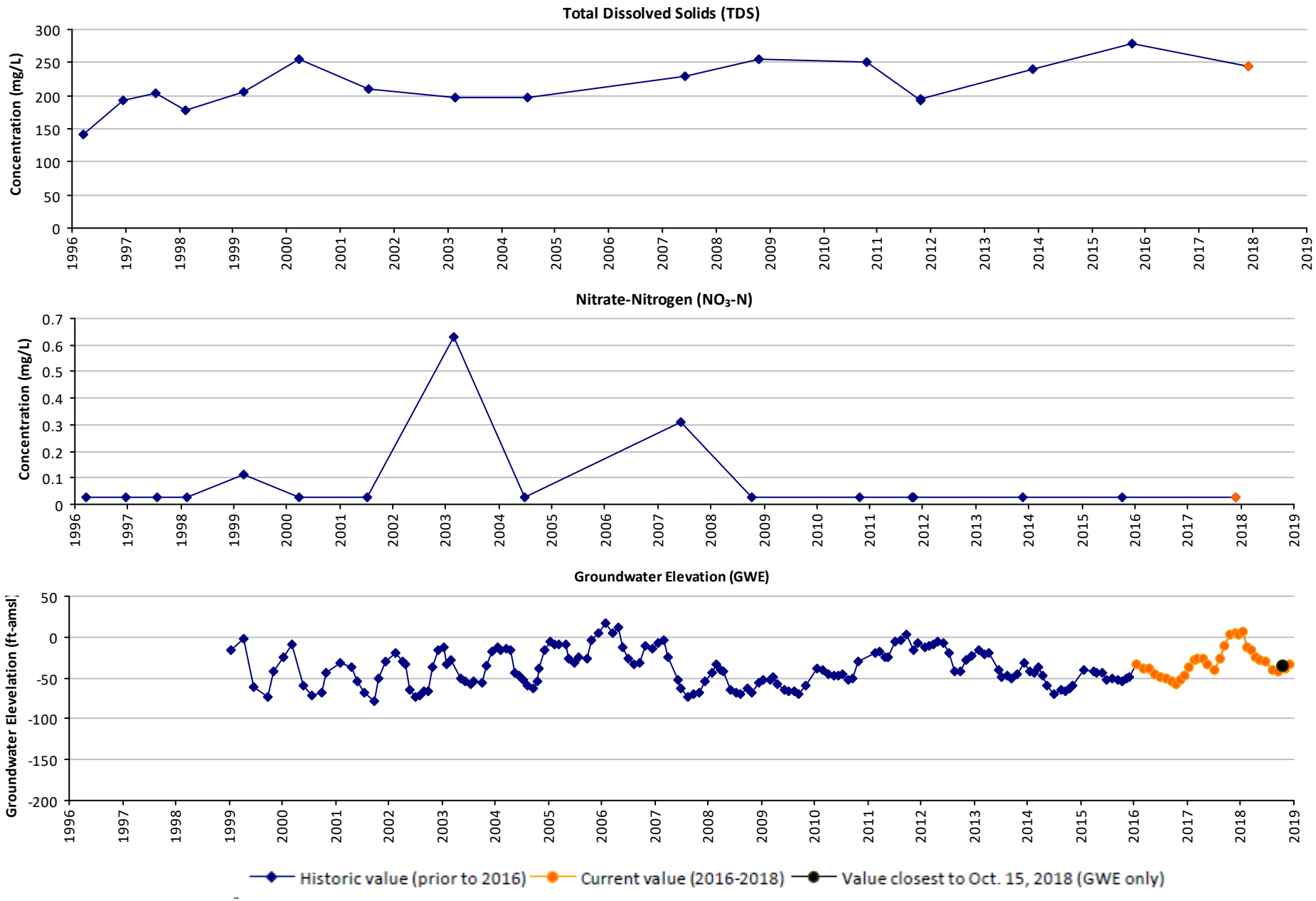

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

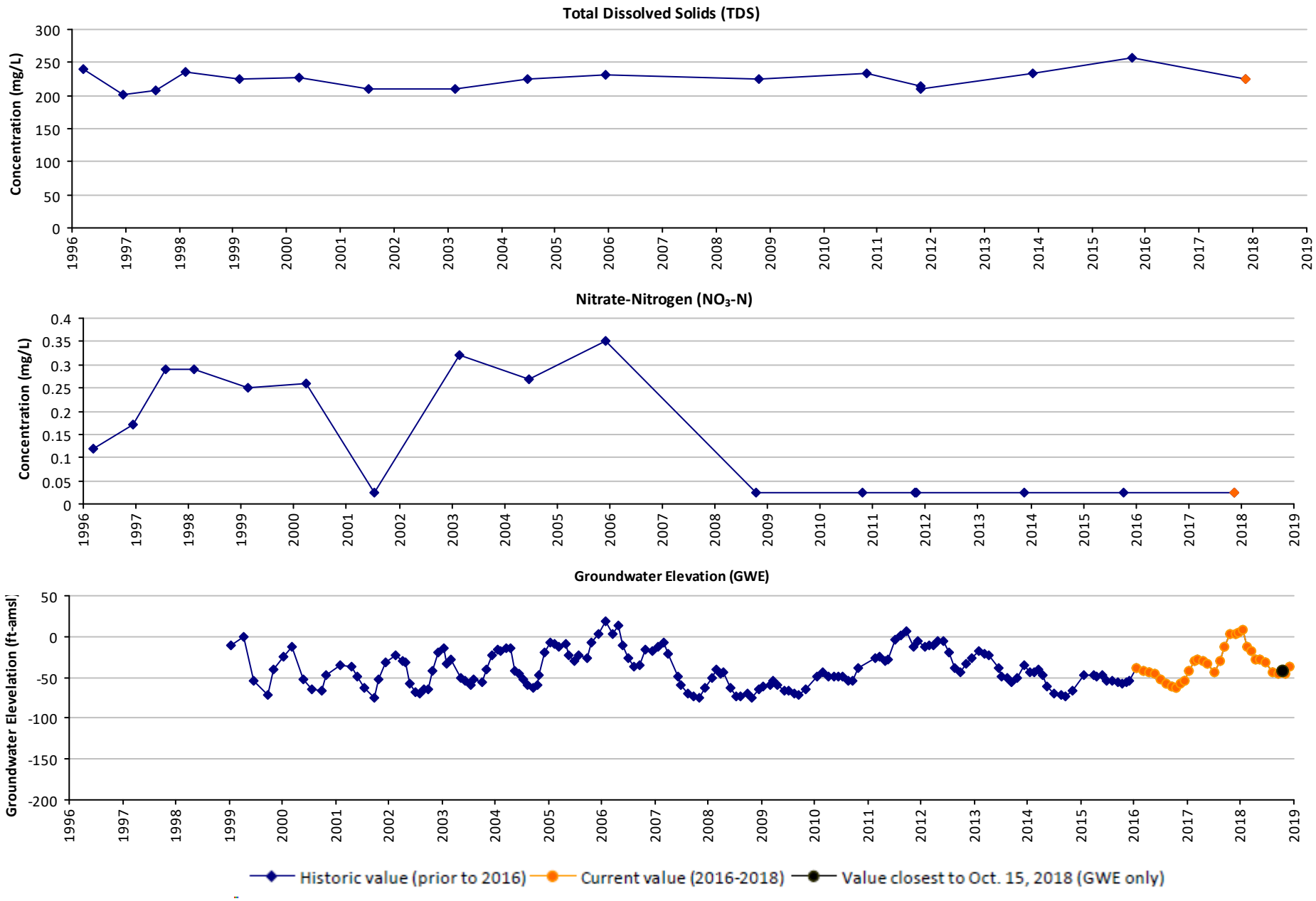

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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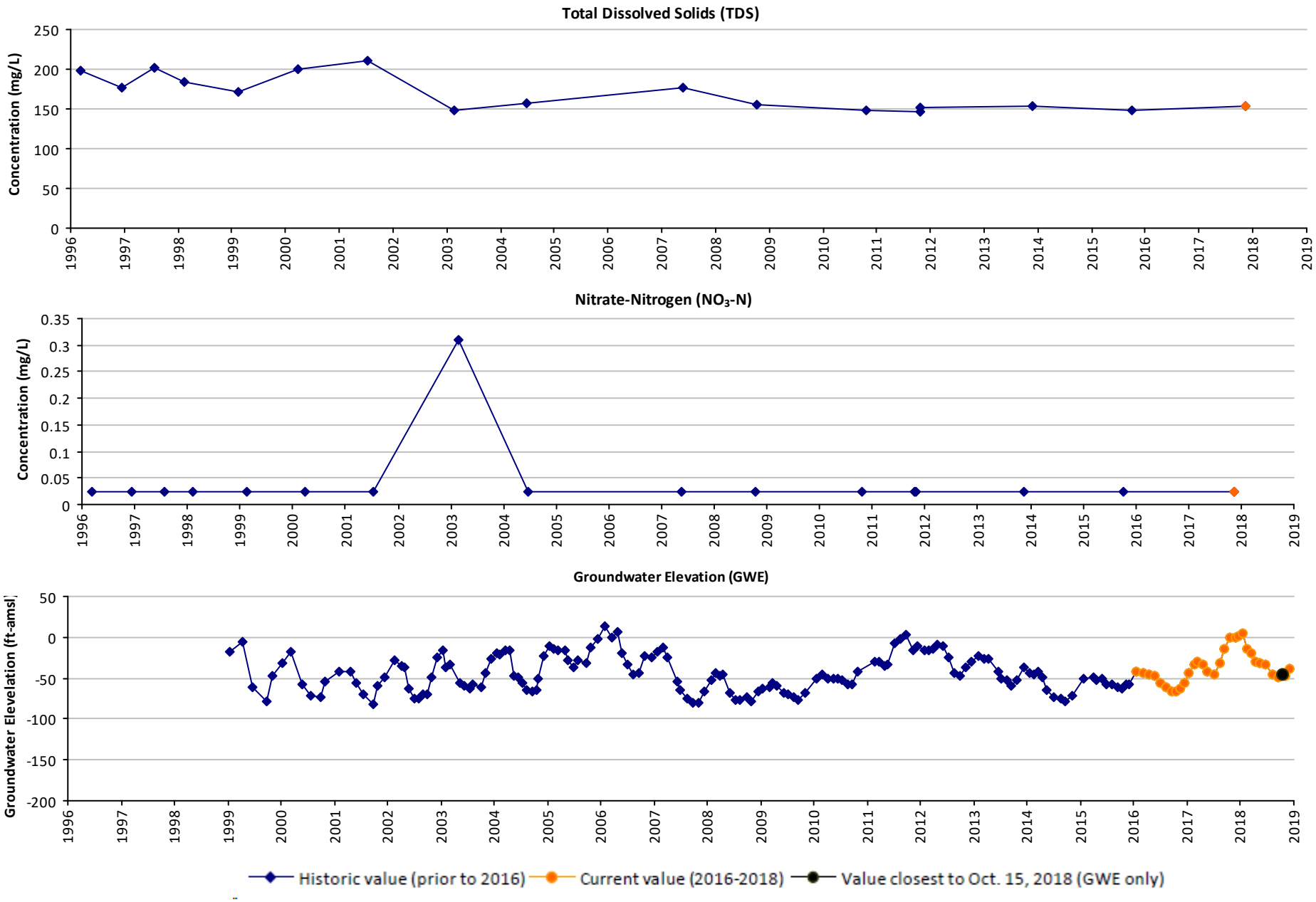
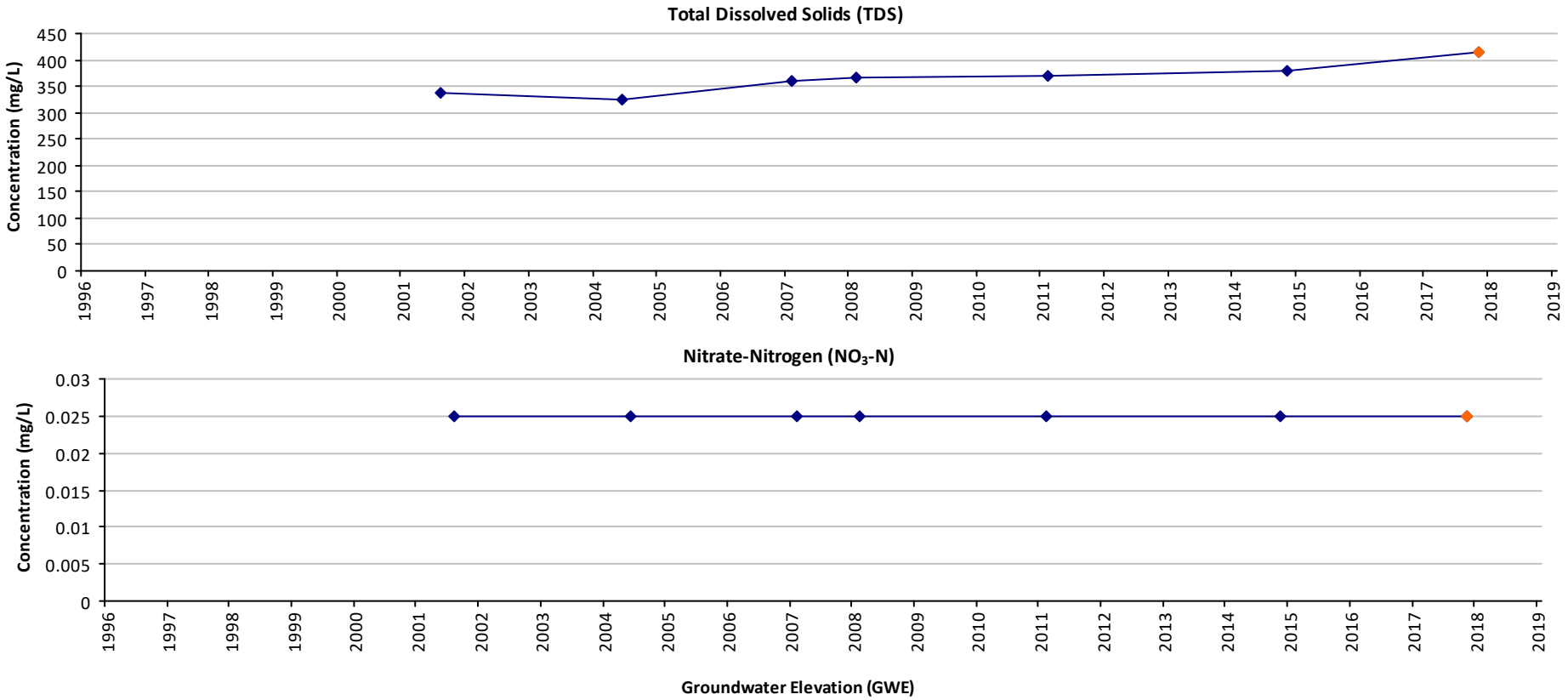
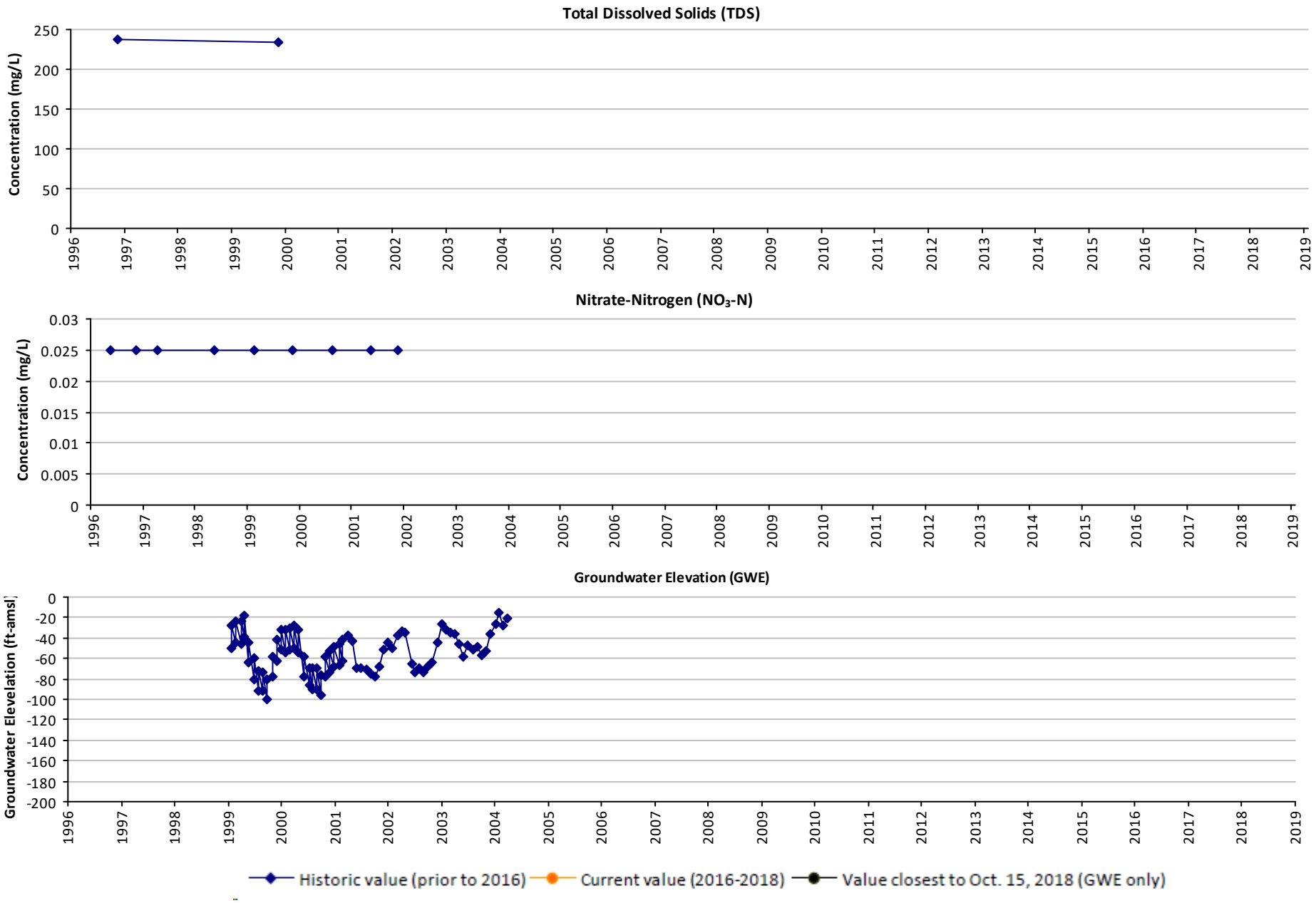
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
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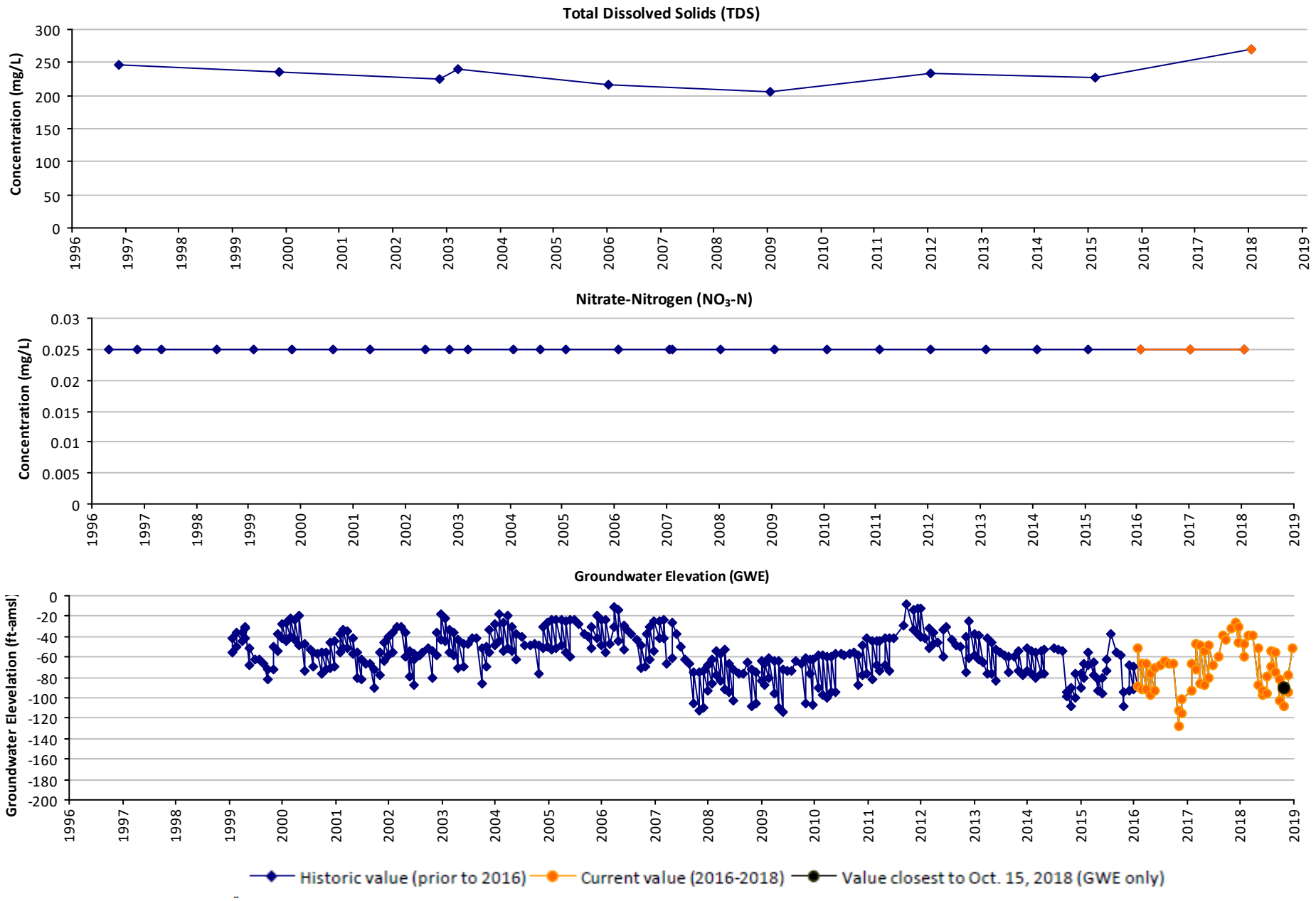
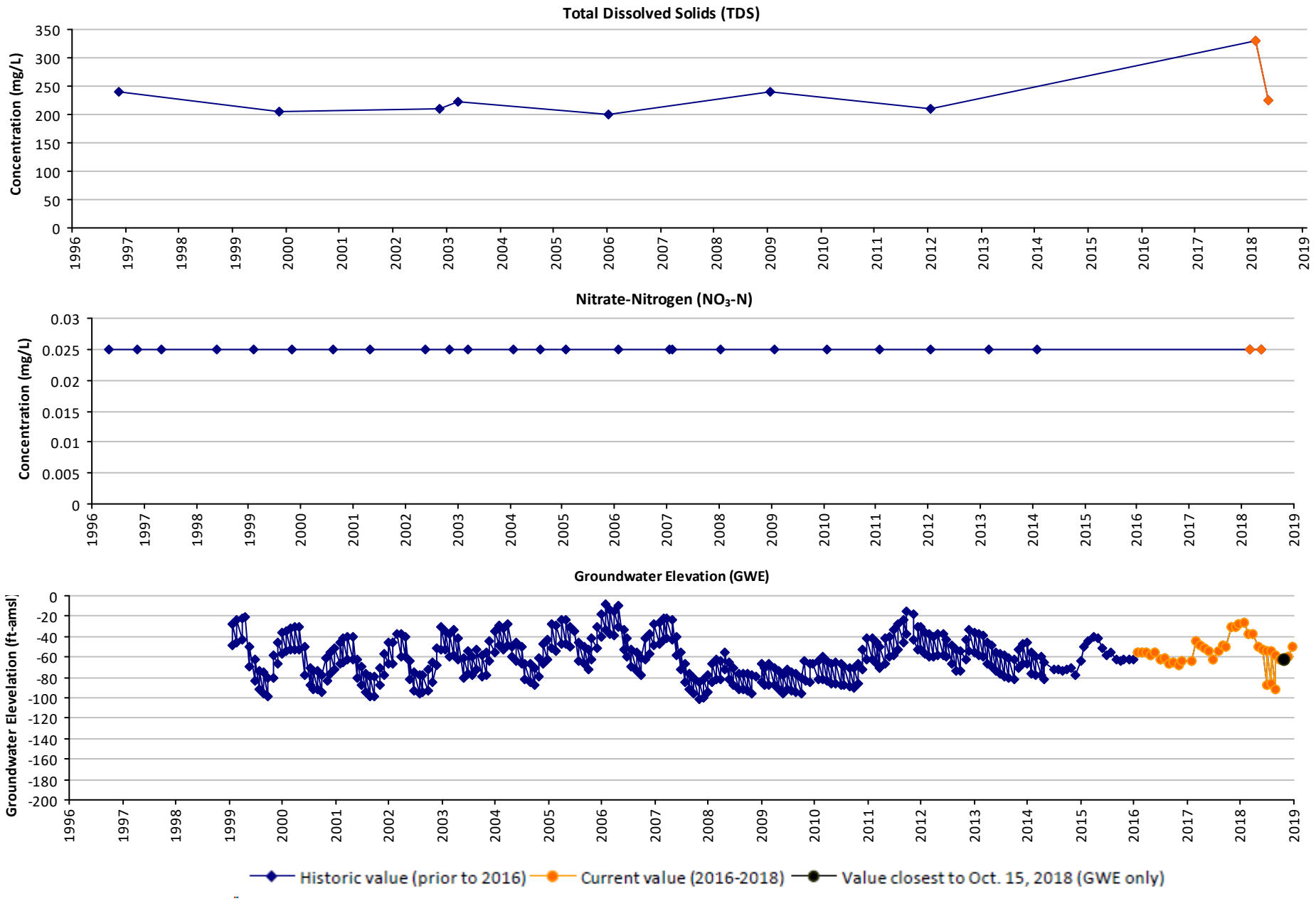
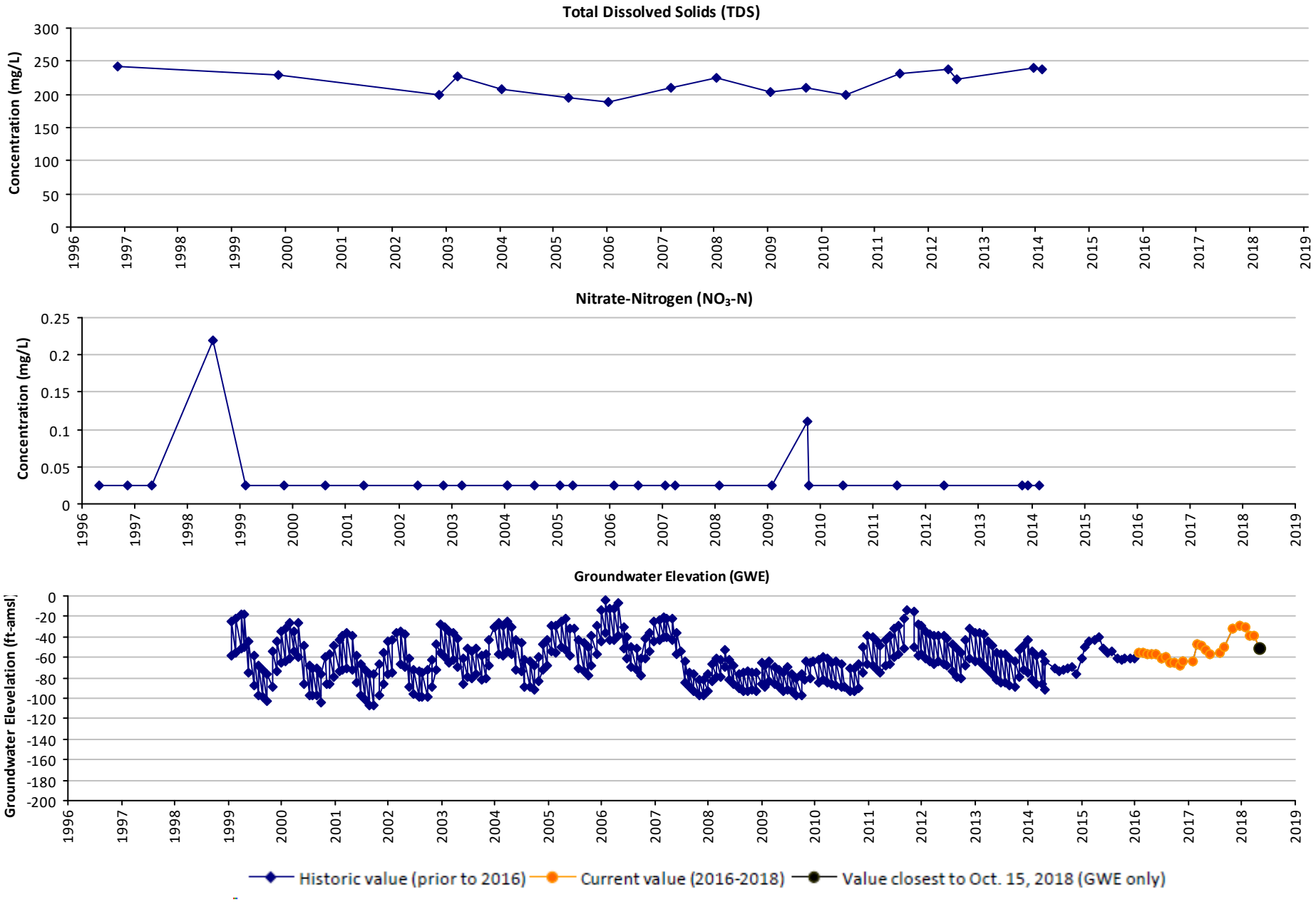
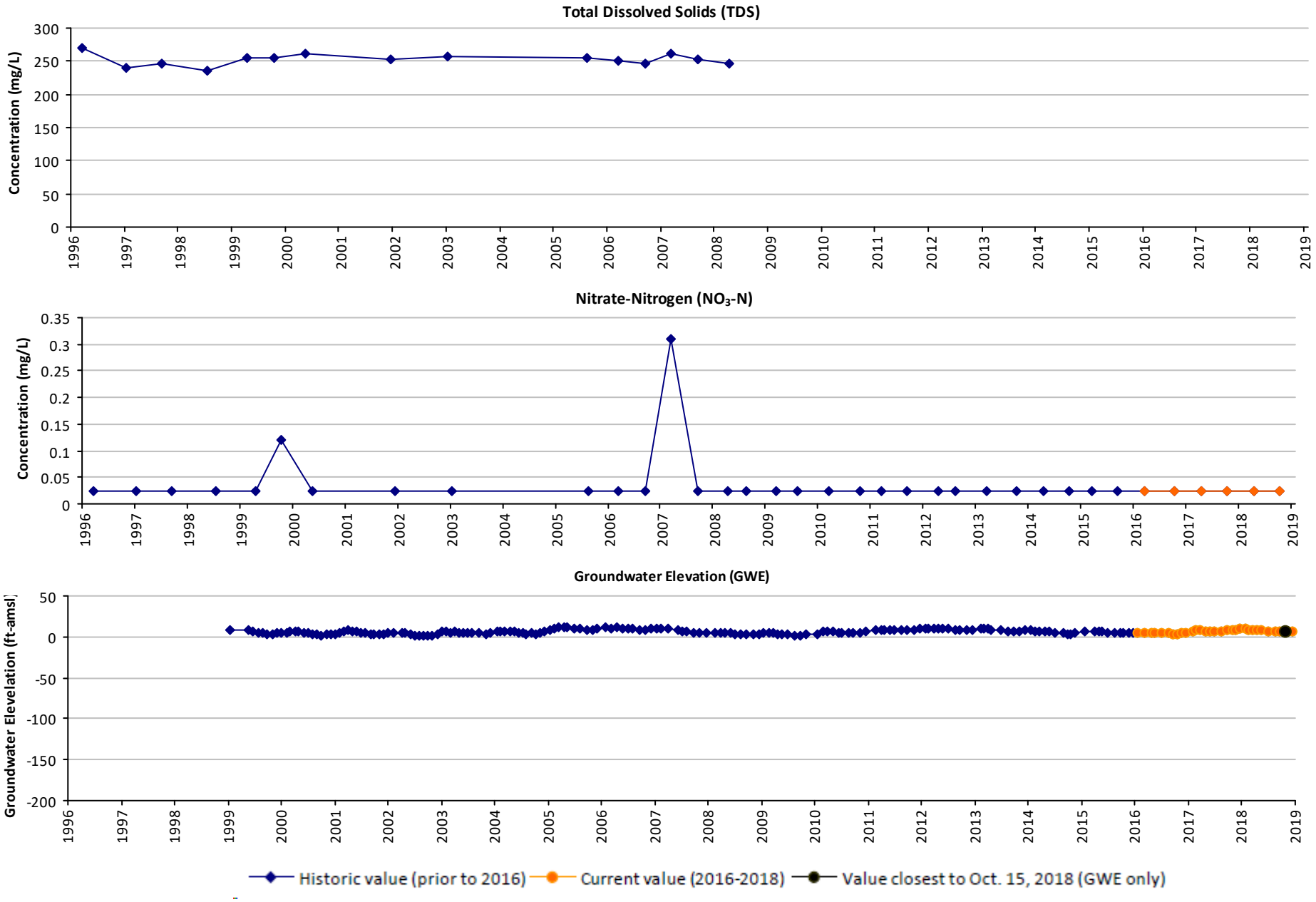
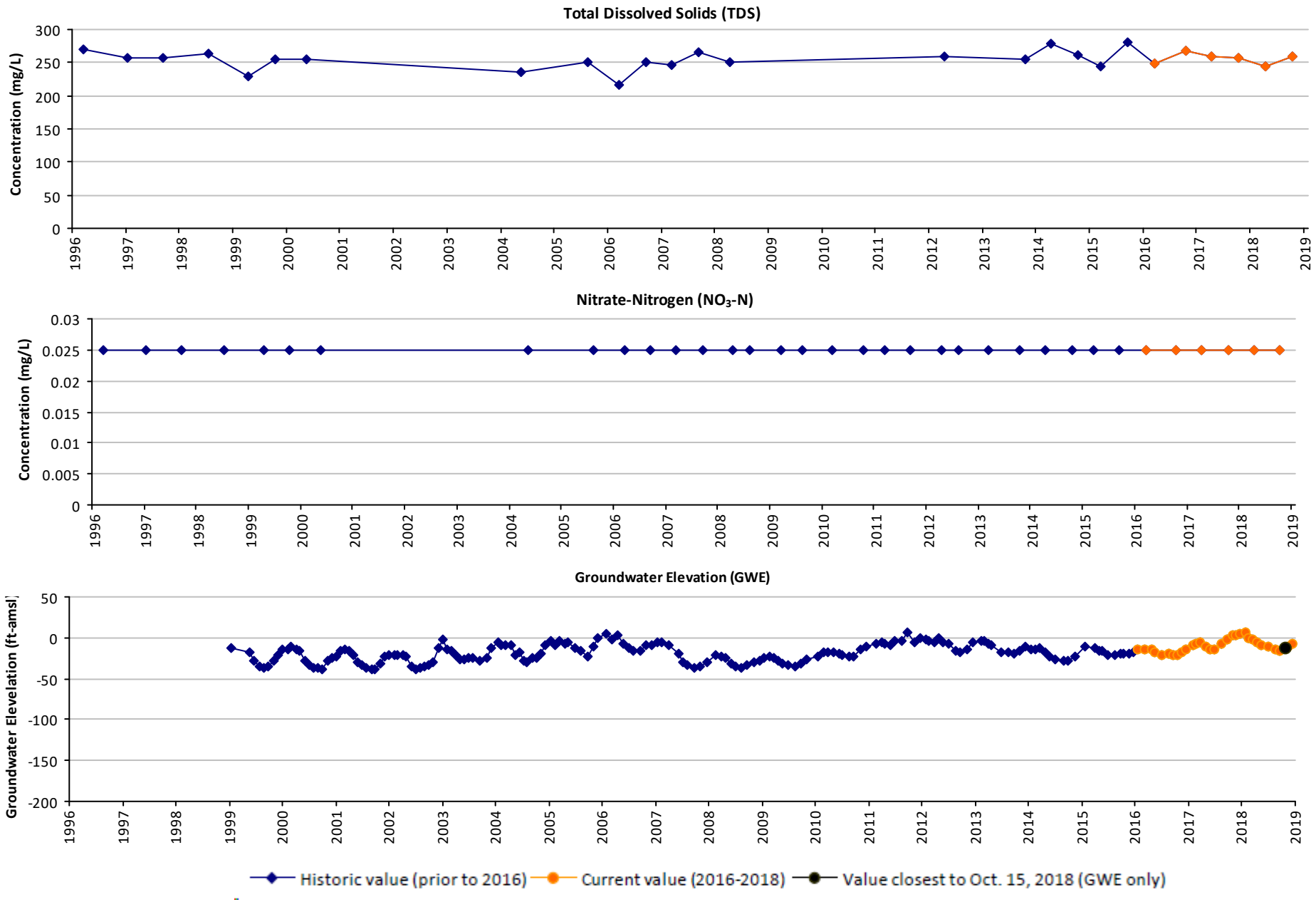
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

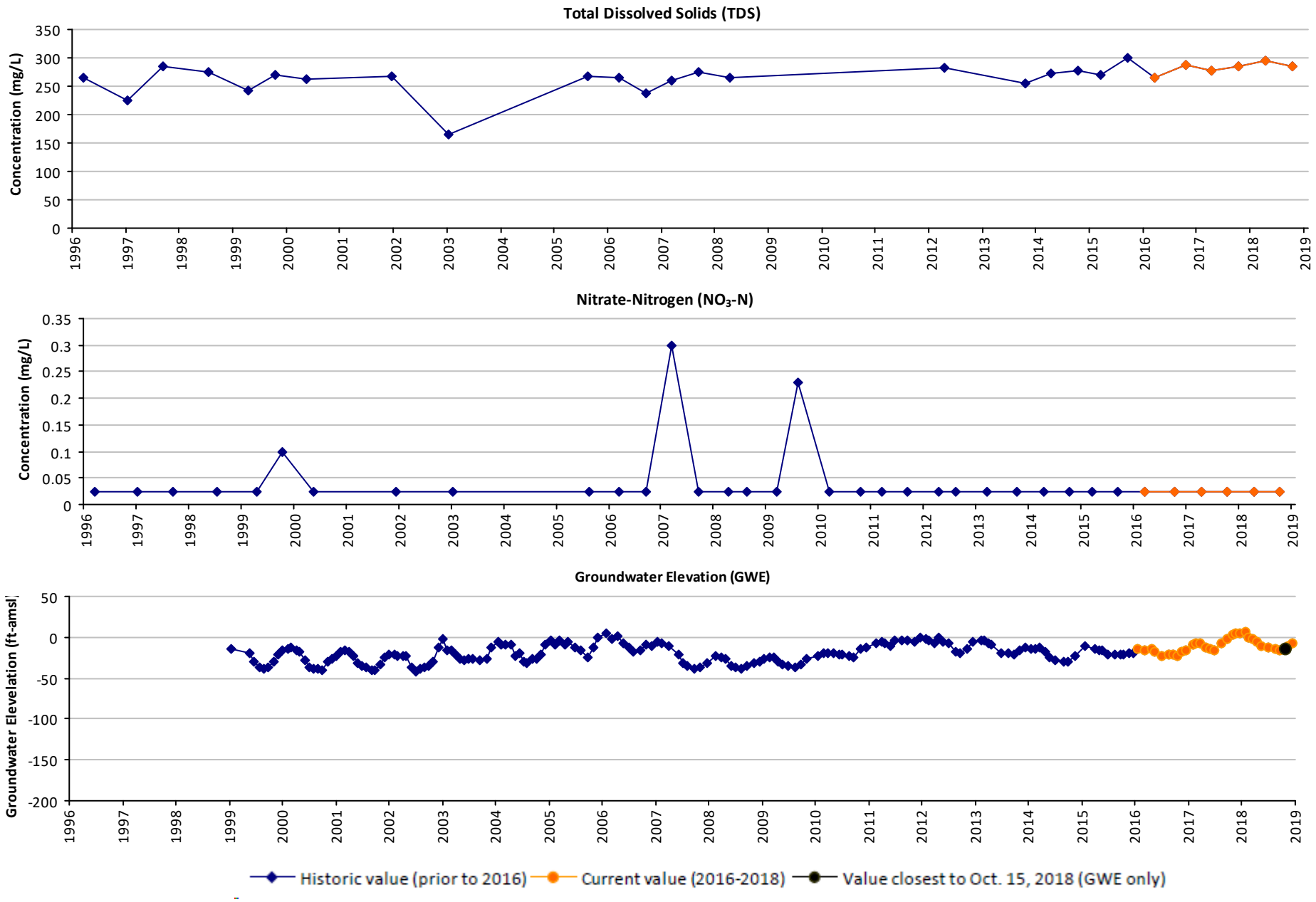

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

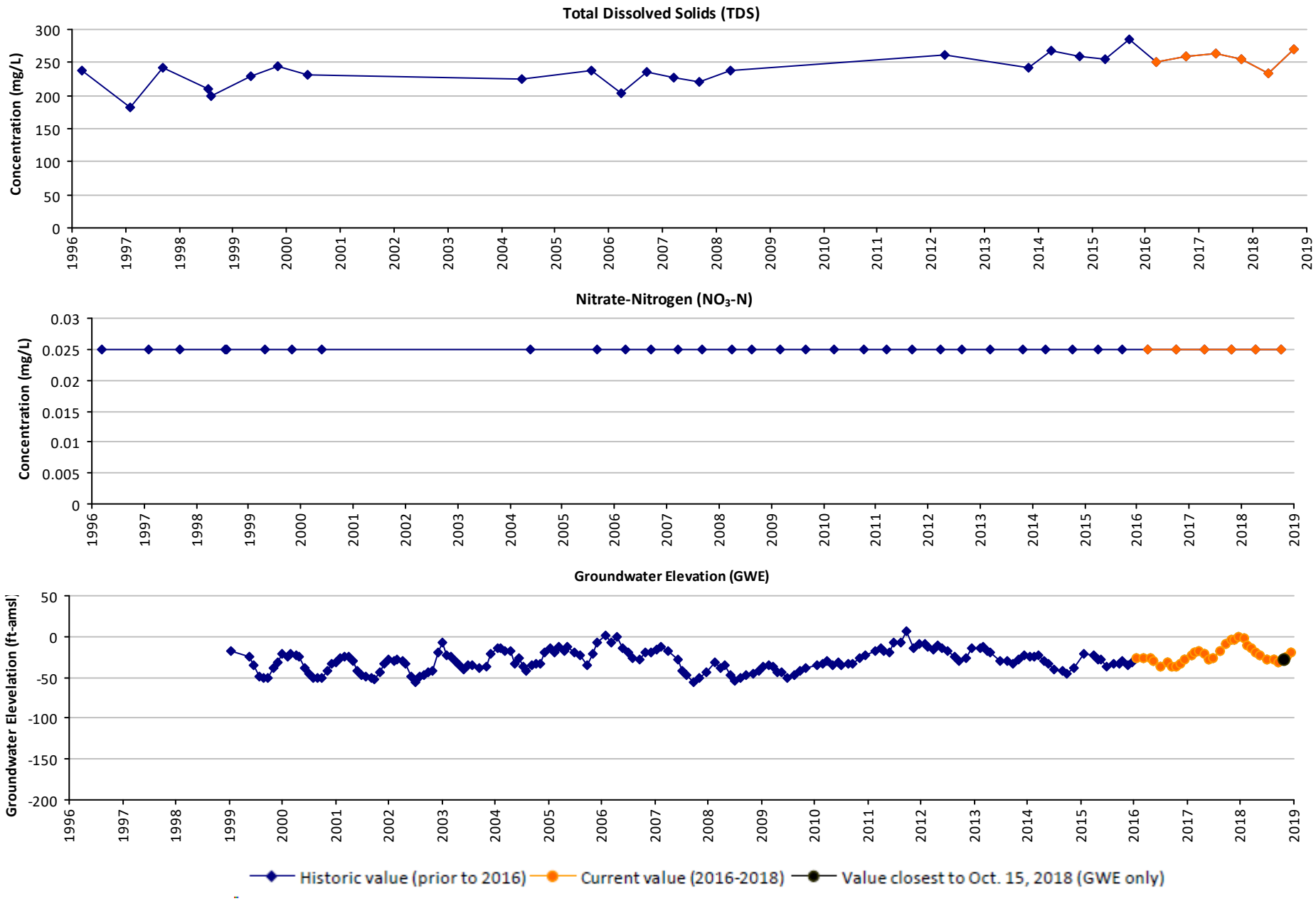

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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1999
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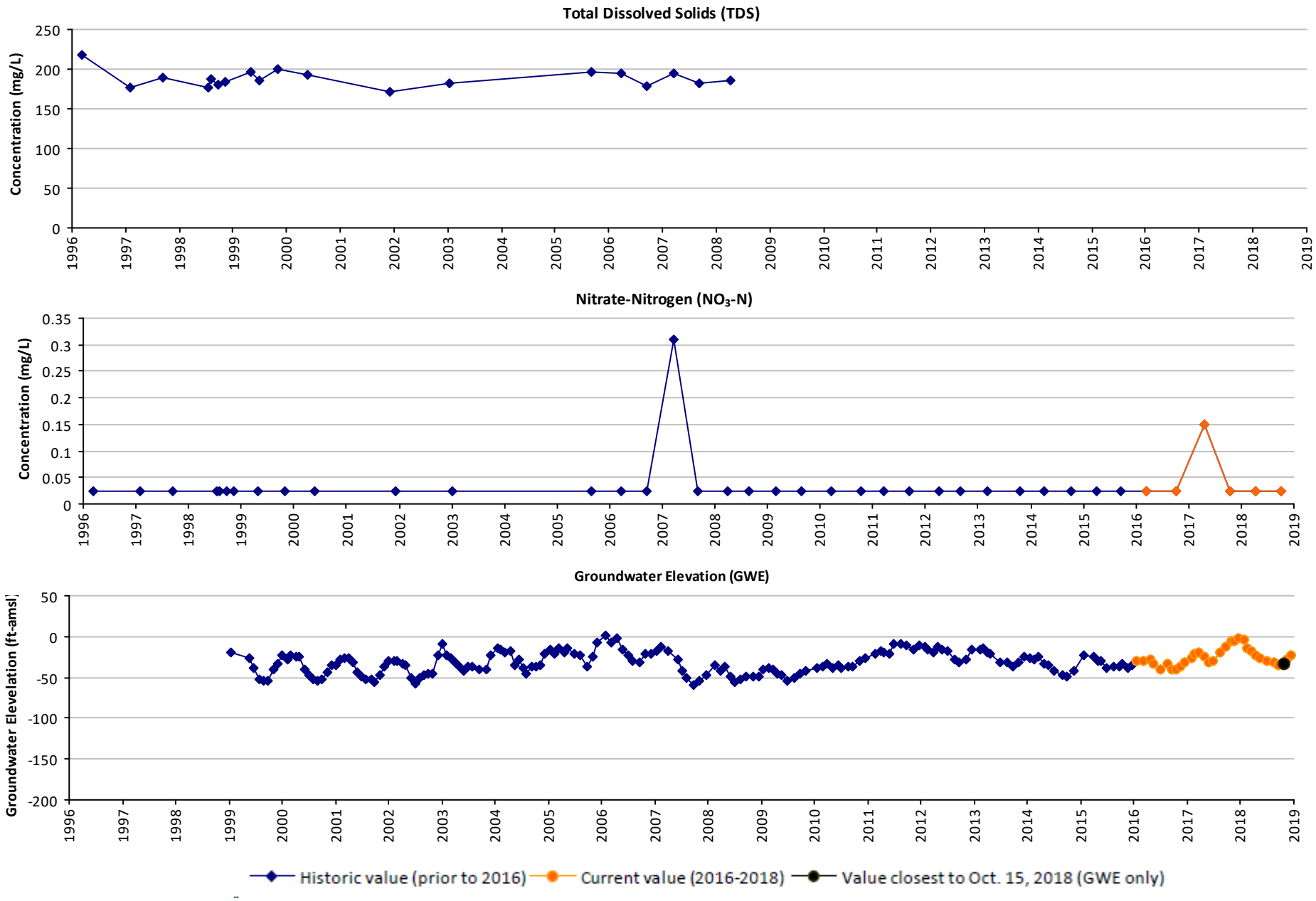
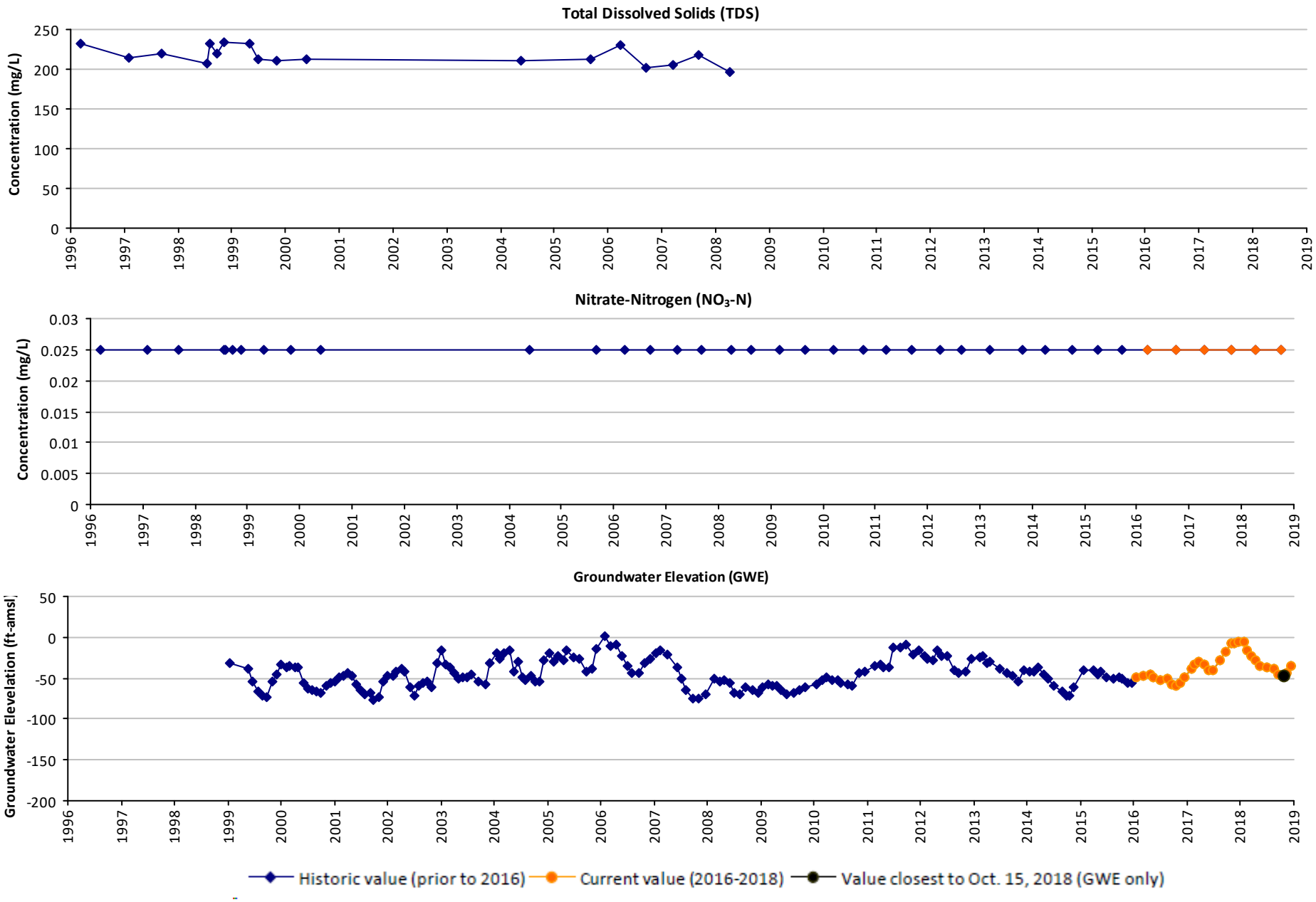
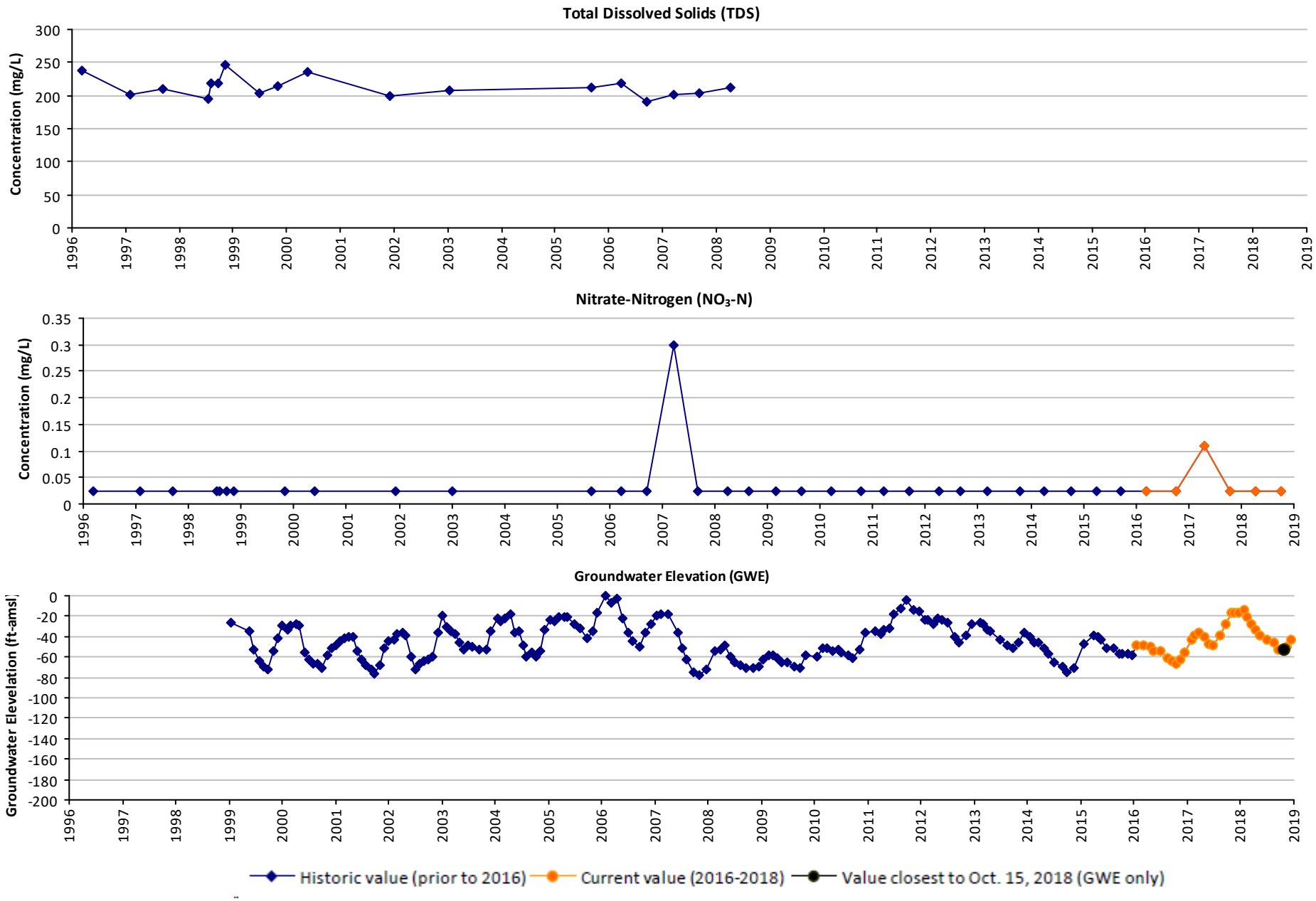
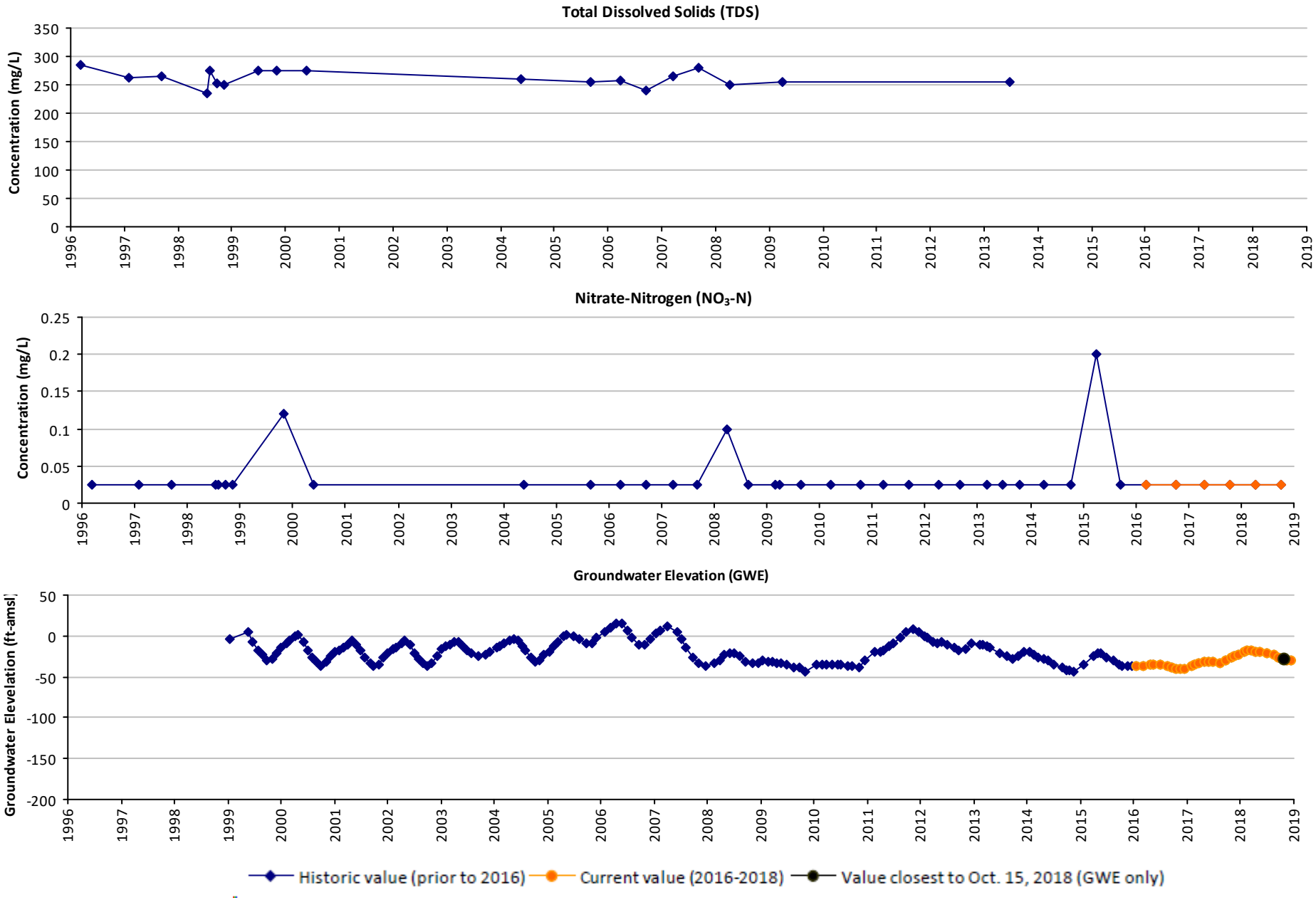
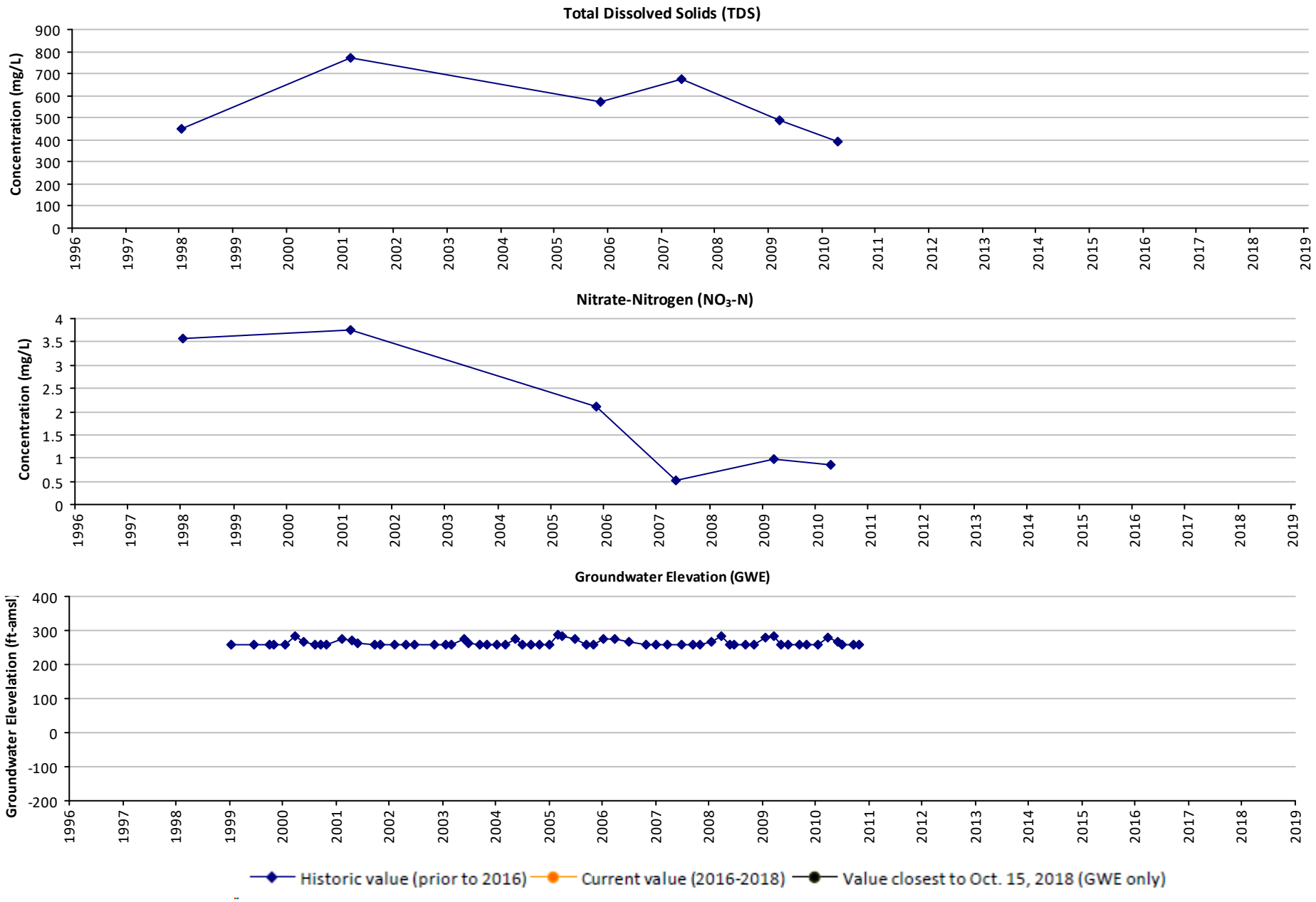
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

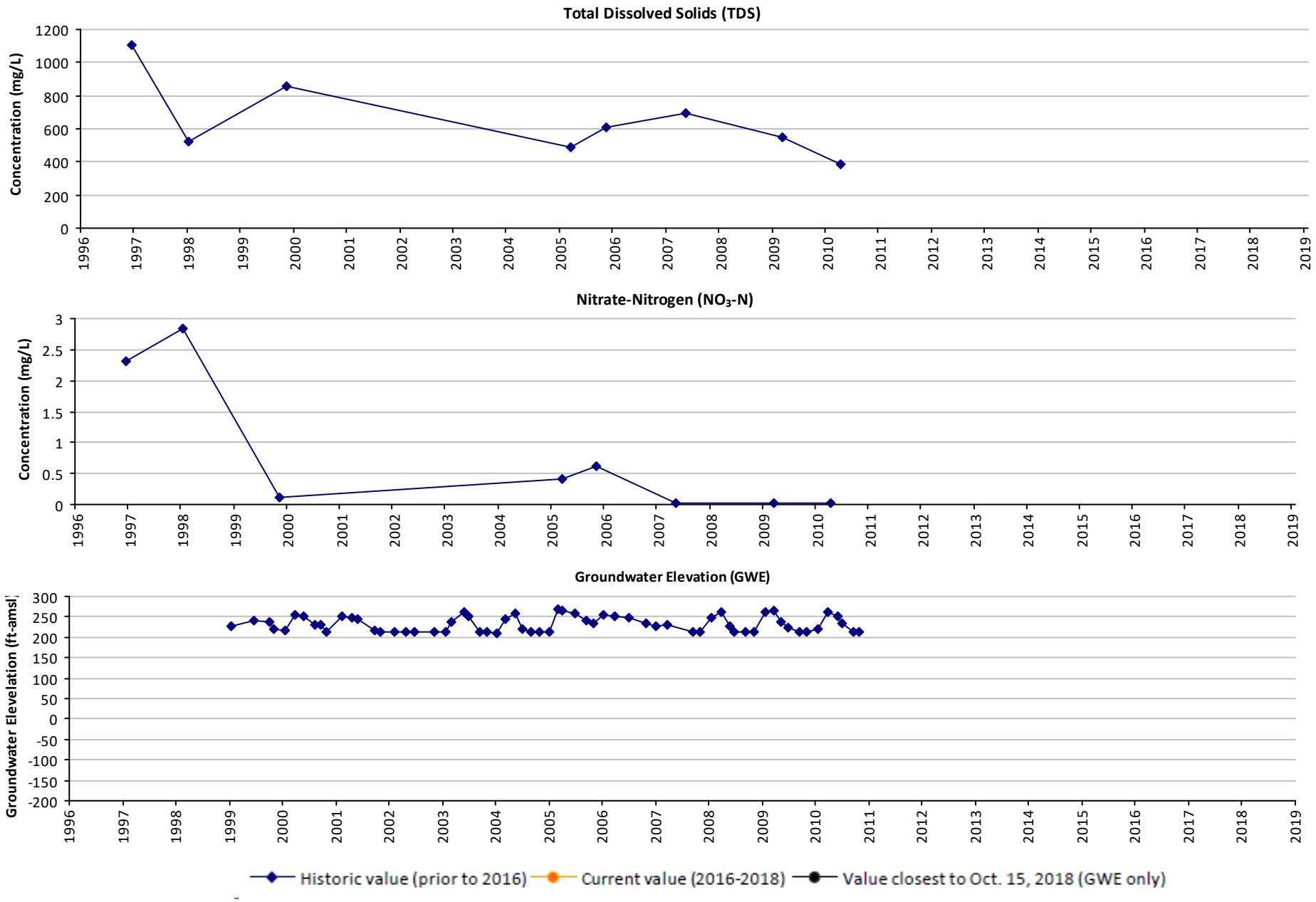

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

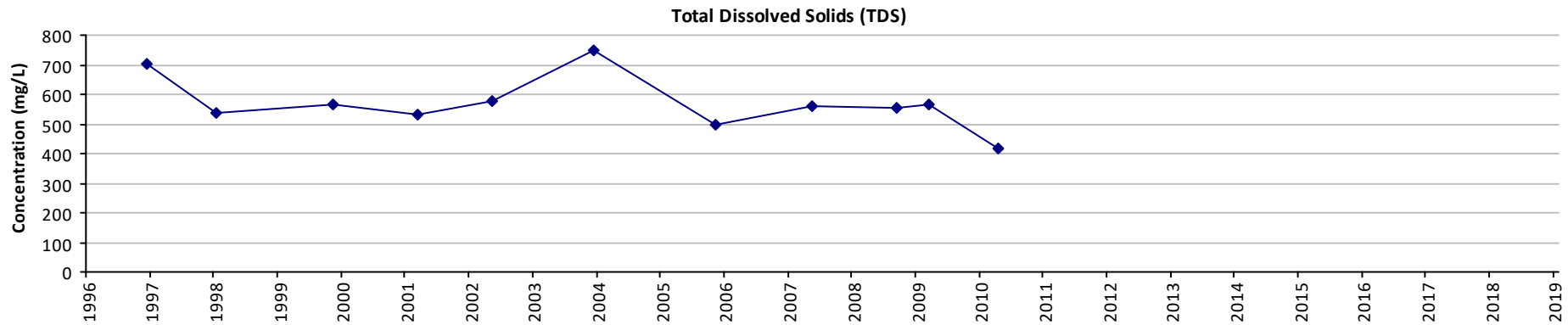

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

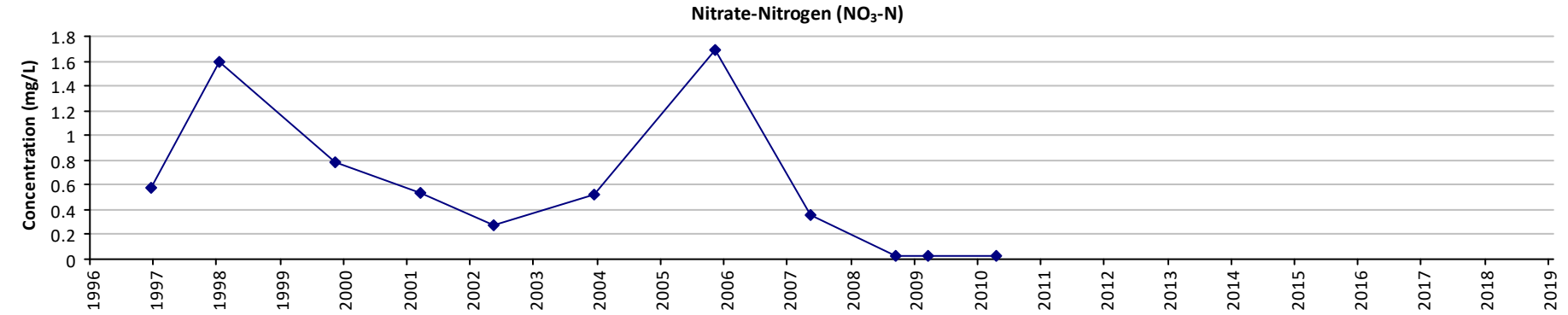

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

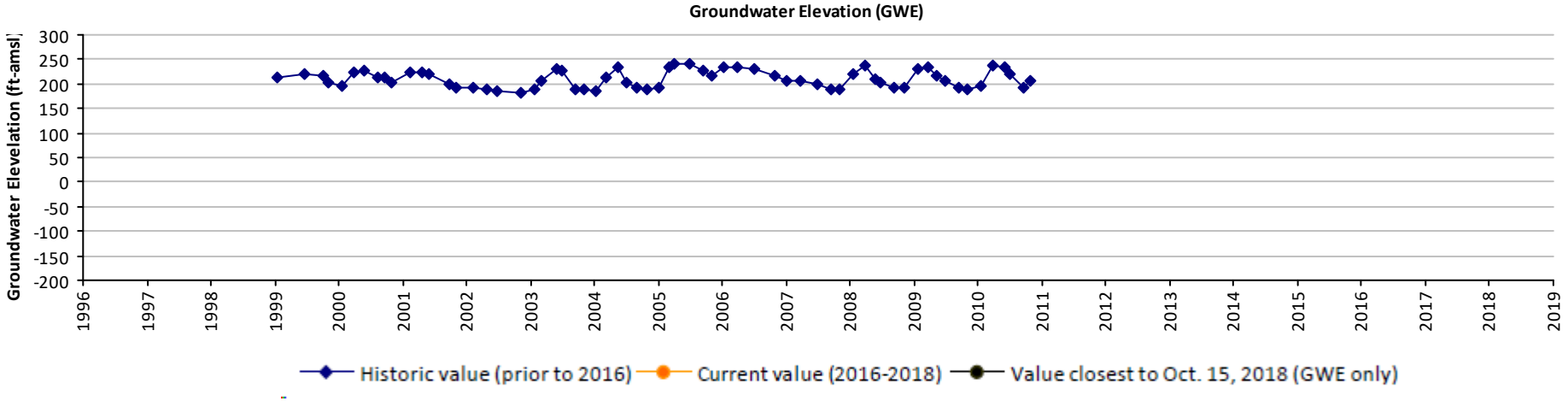

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

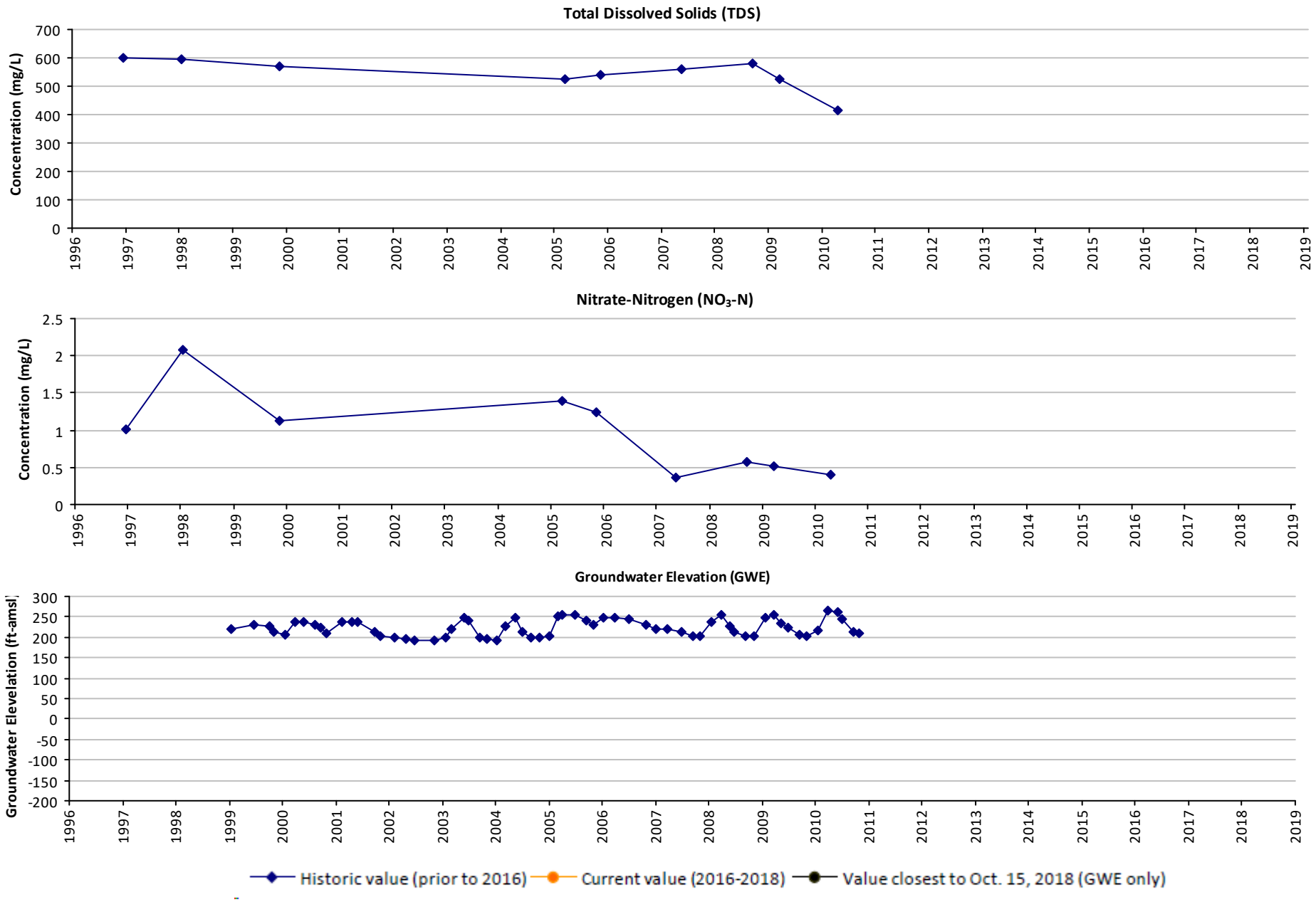
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

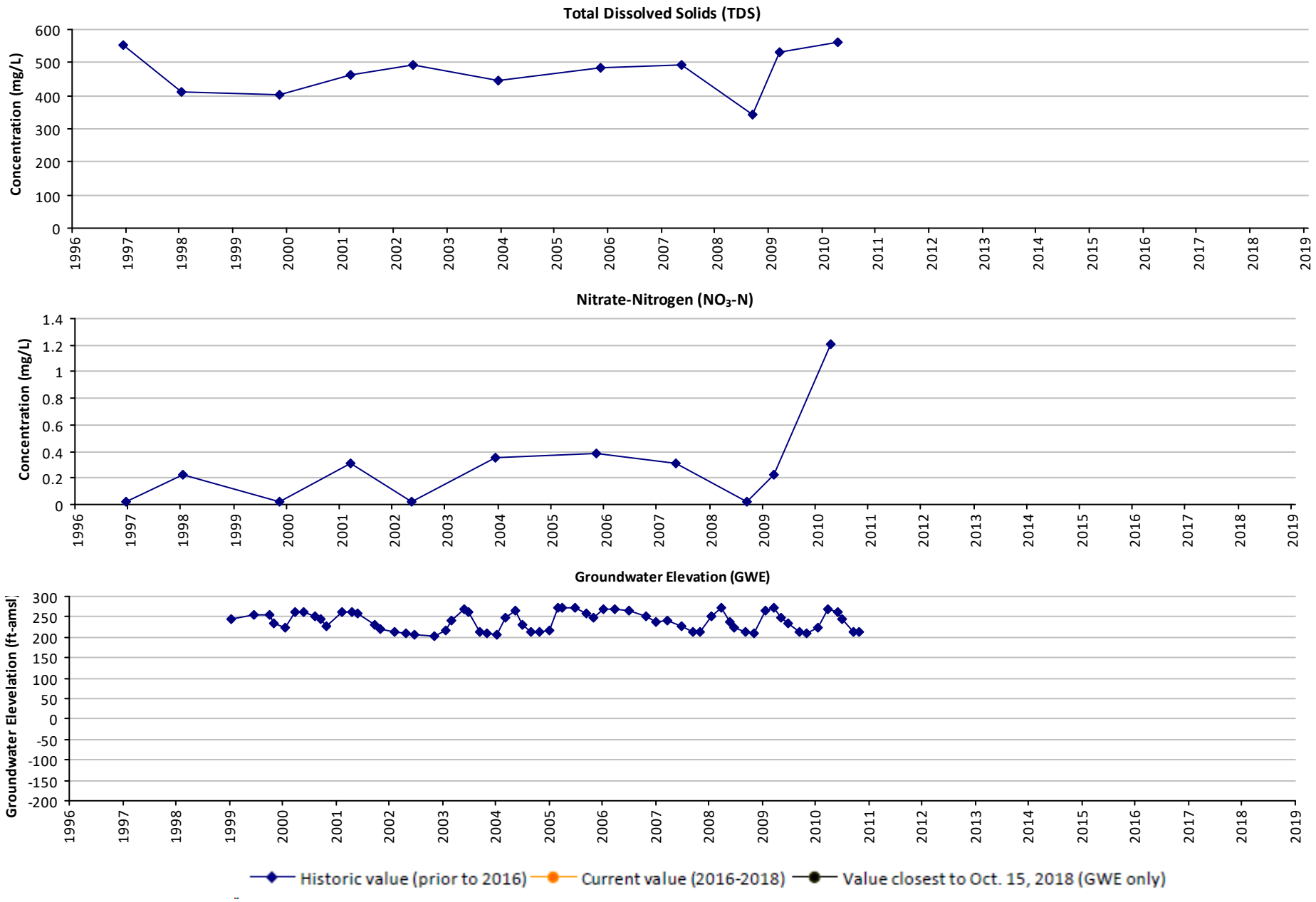
Well ID: 1214850
Management Zone: Orange County

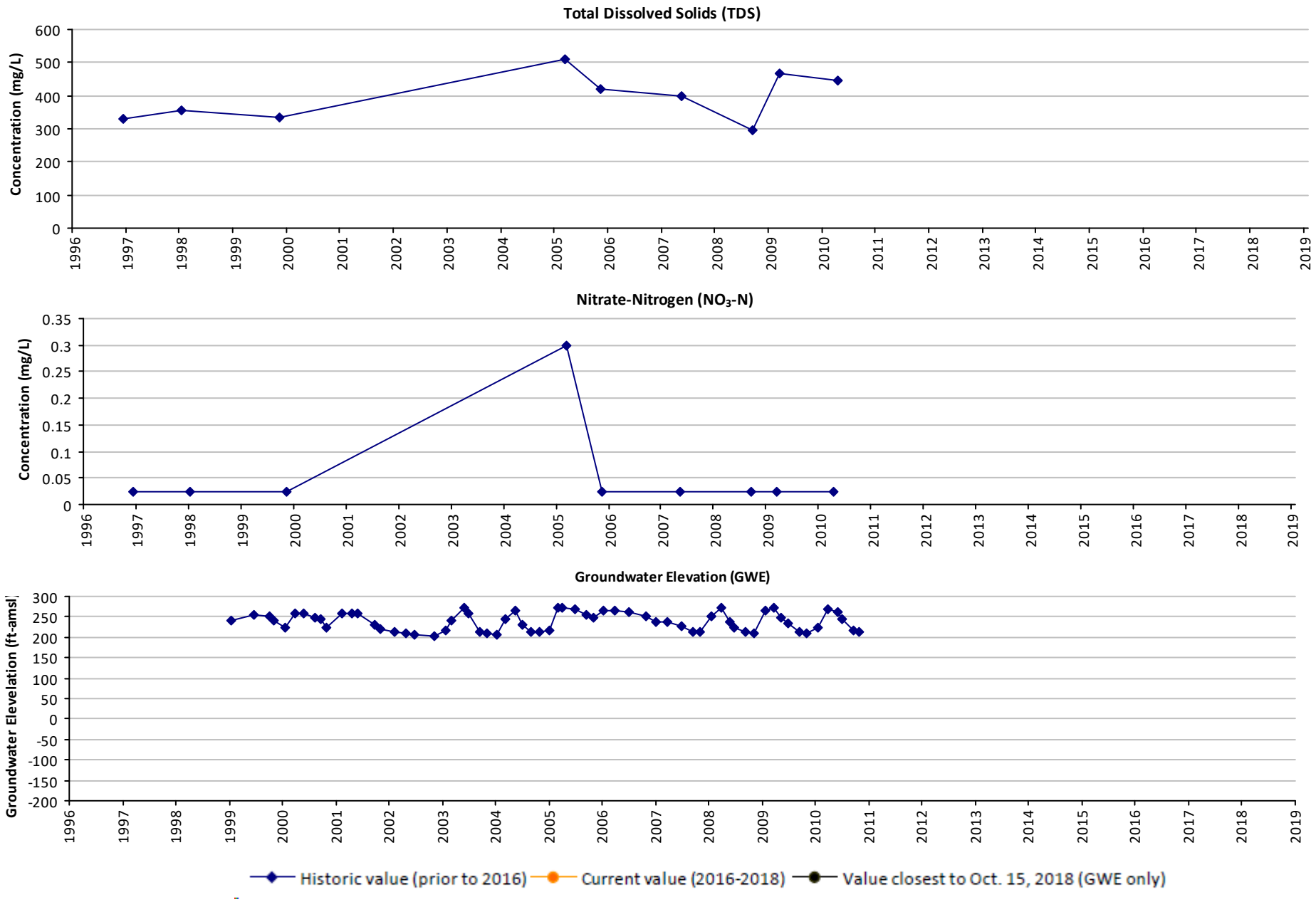


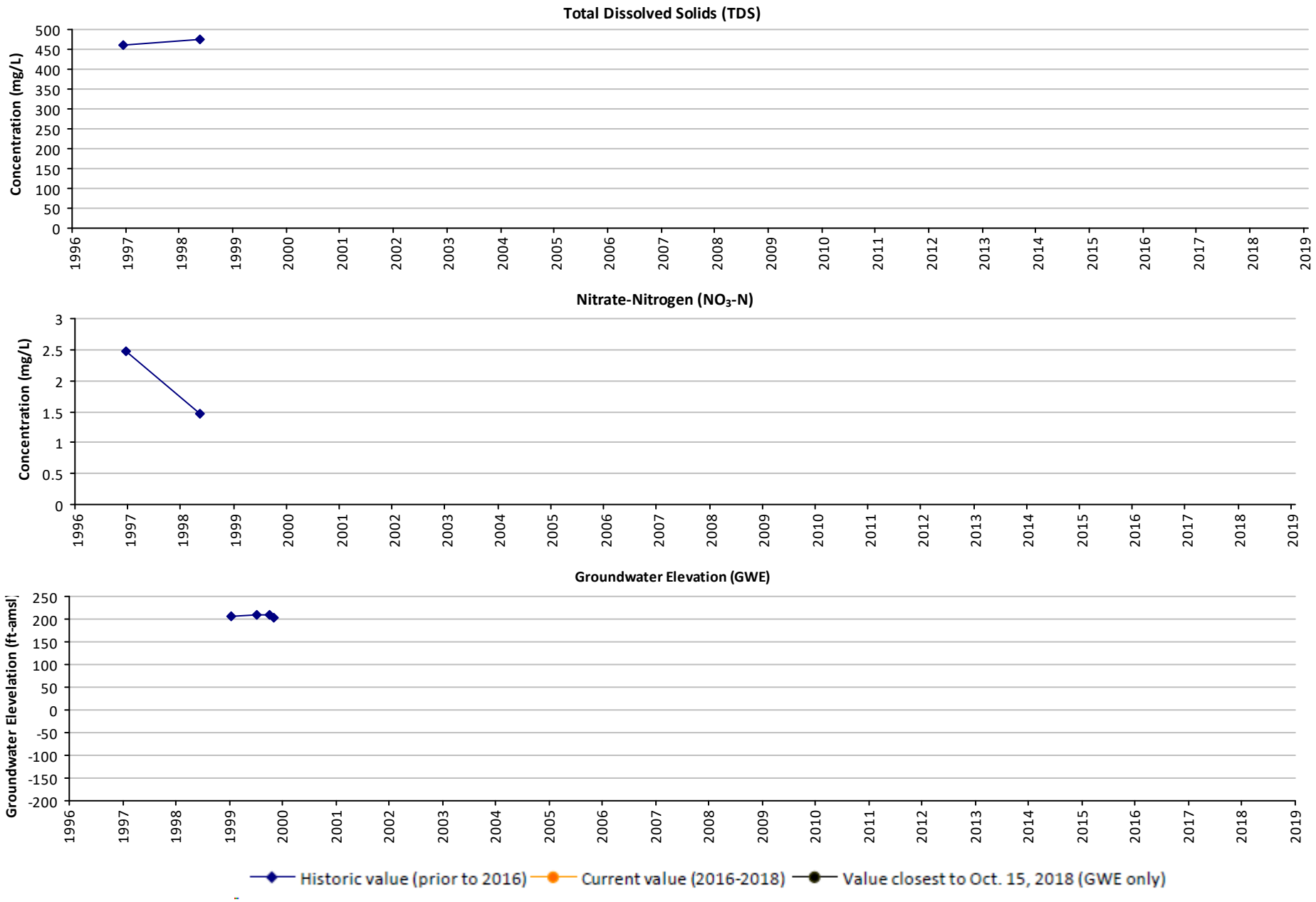


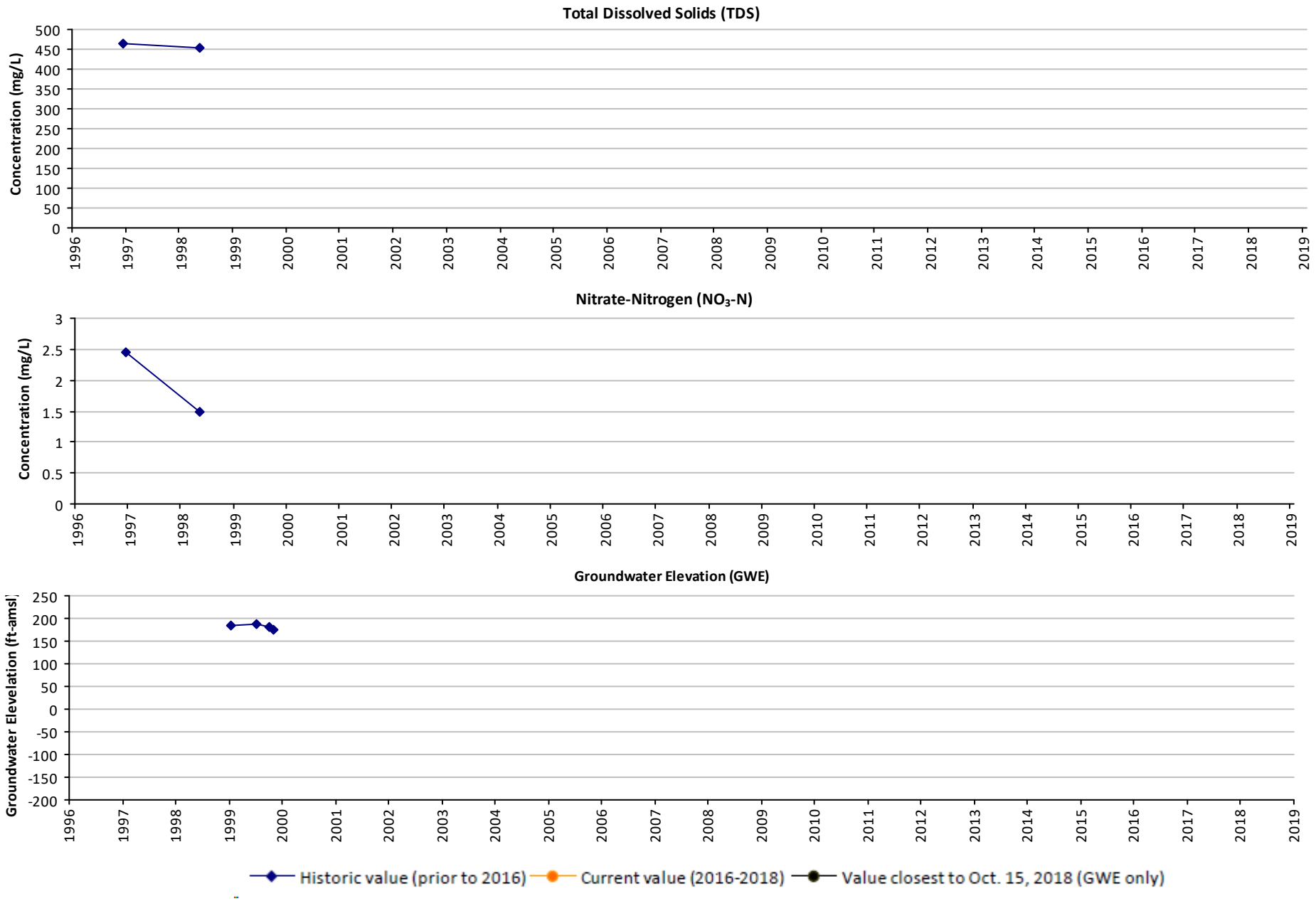


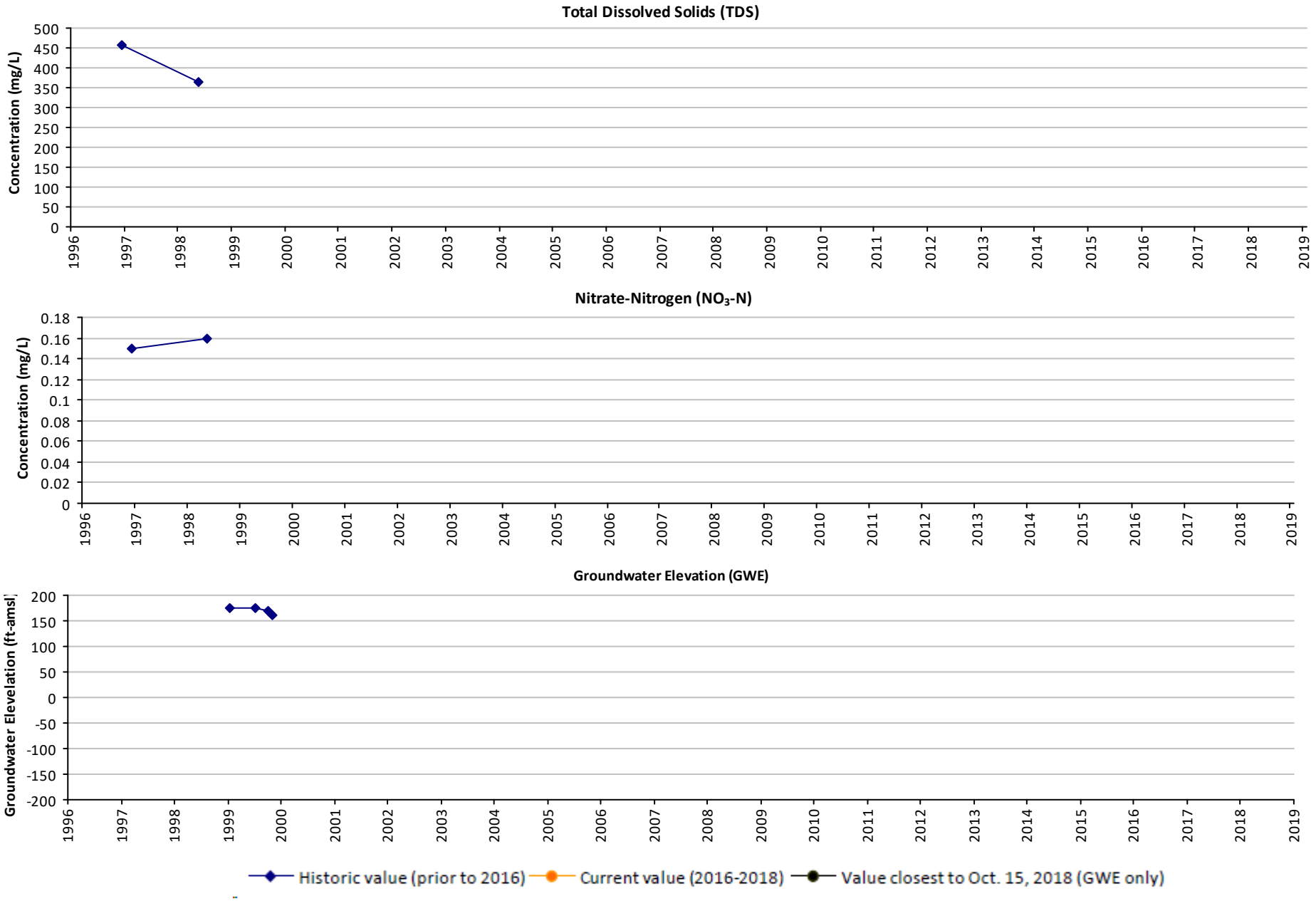

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

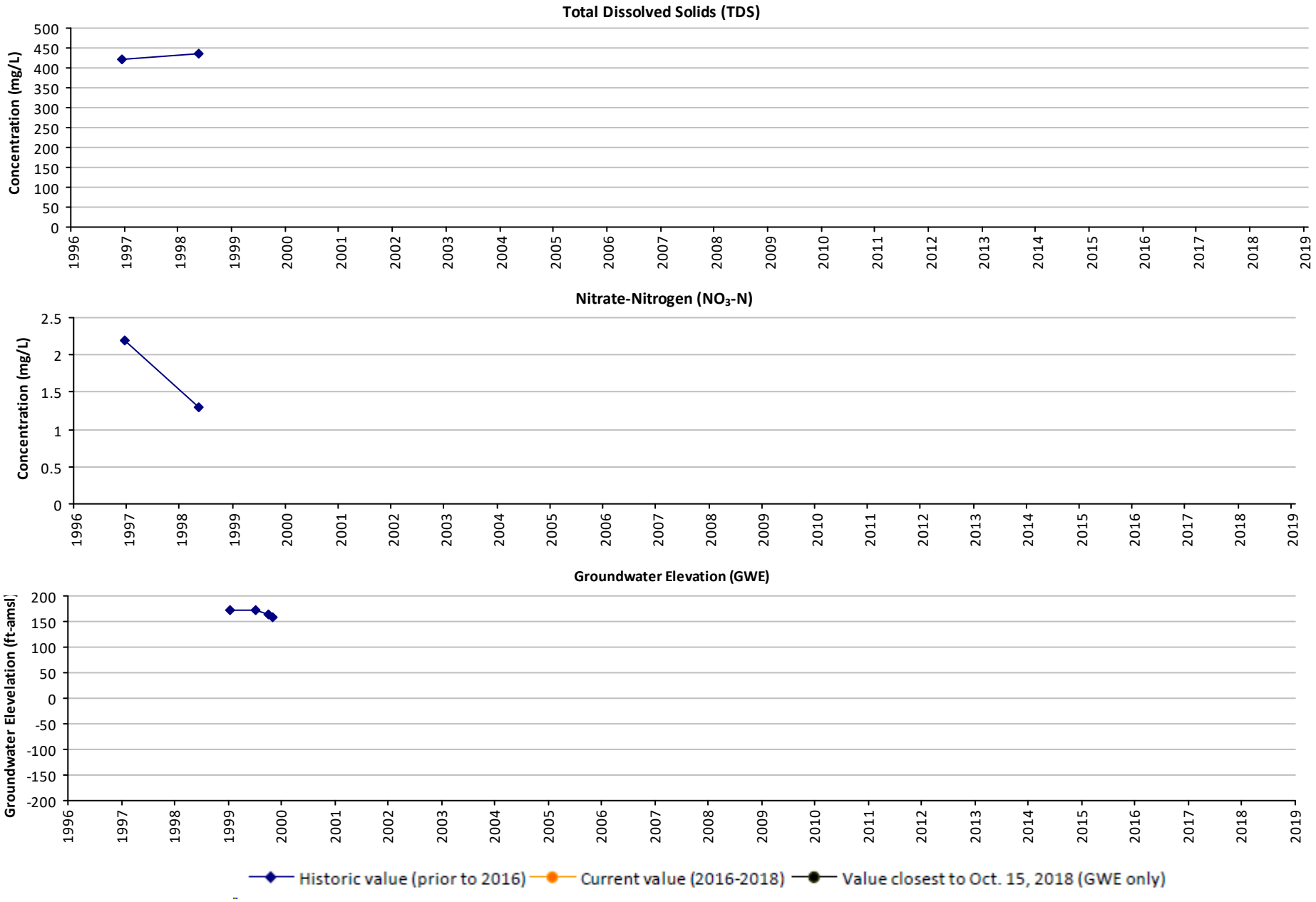

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

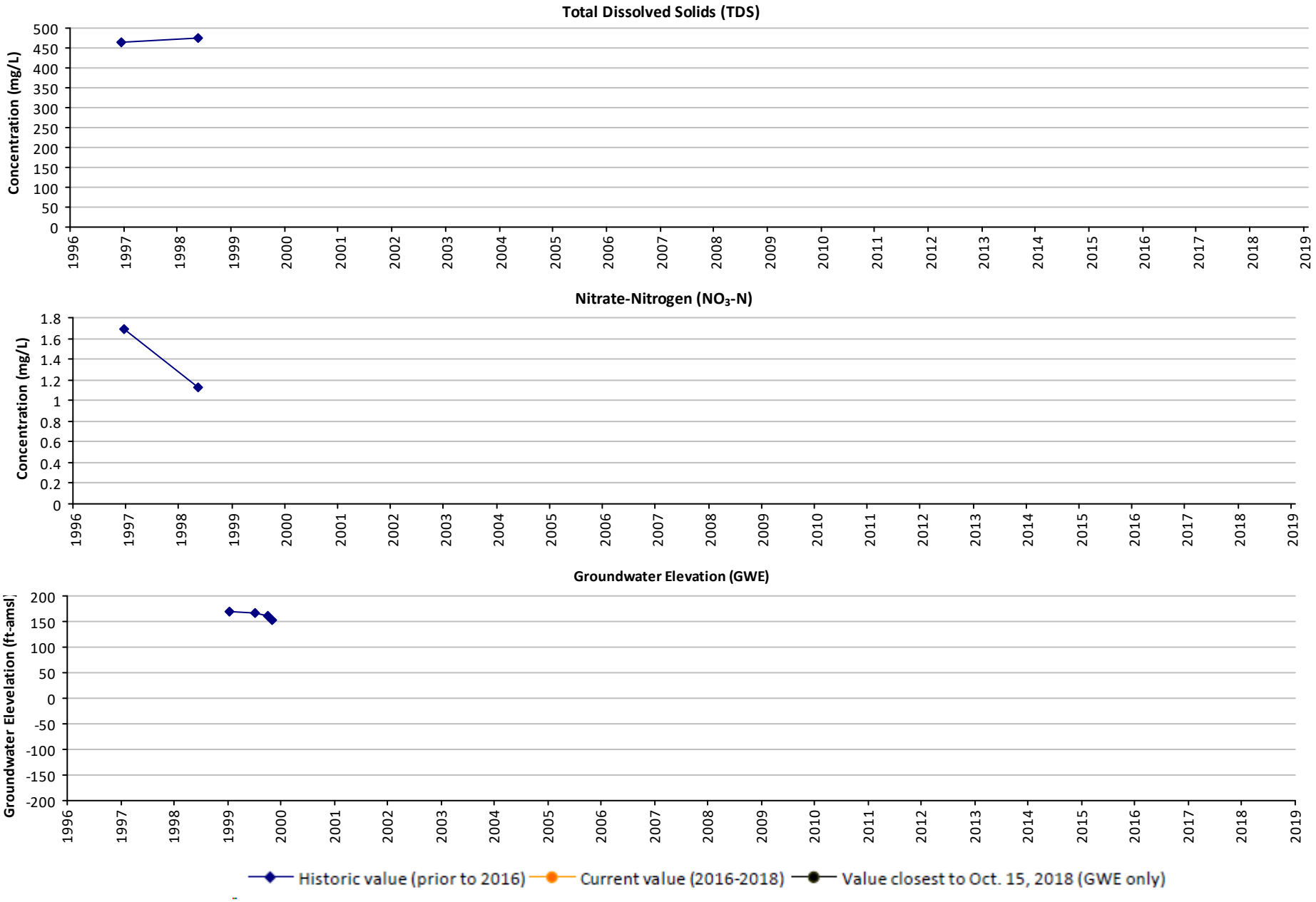

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

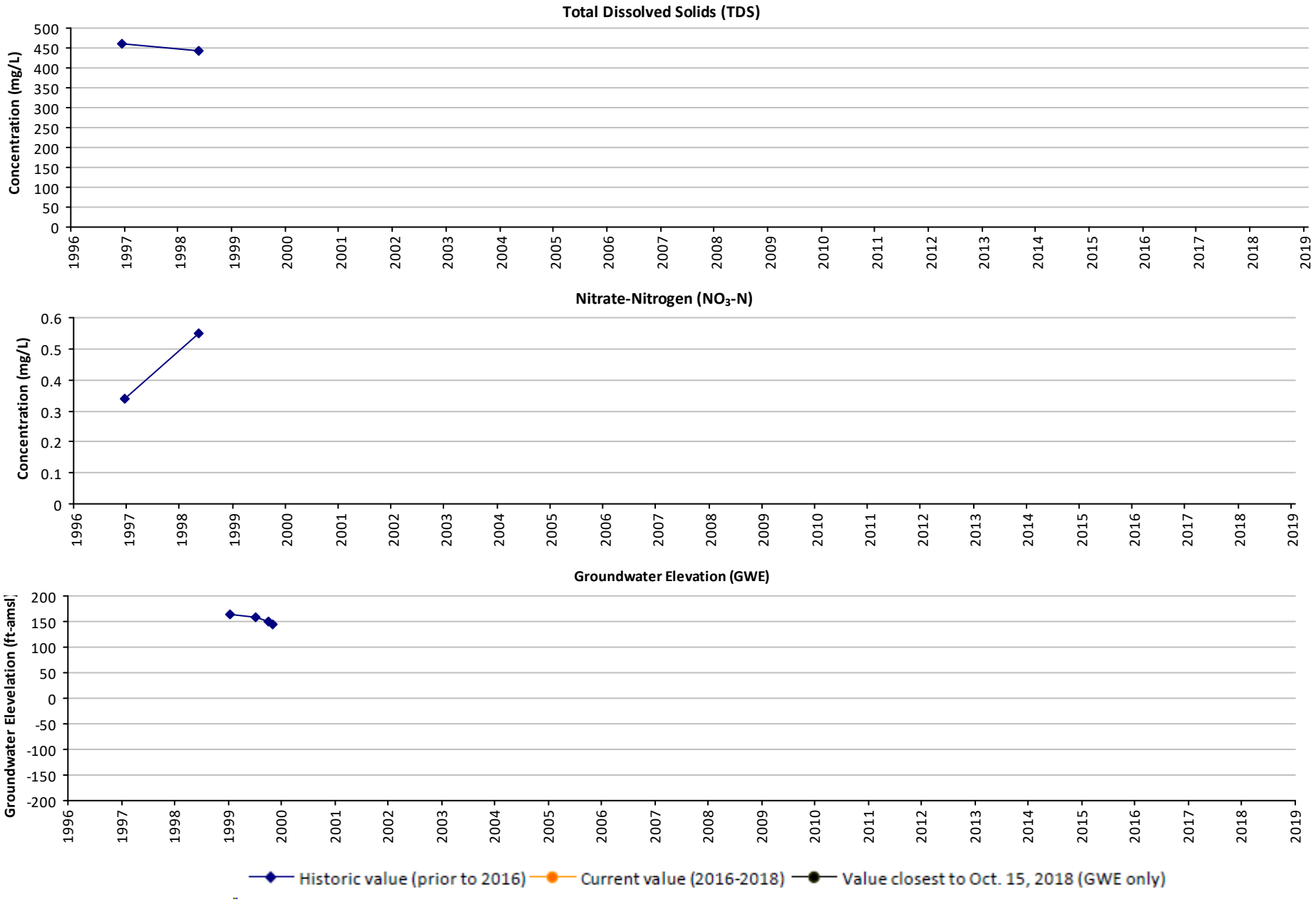

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

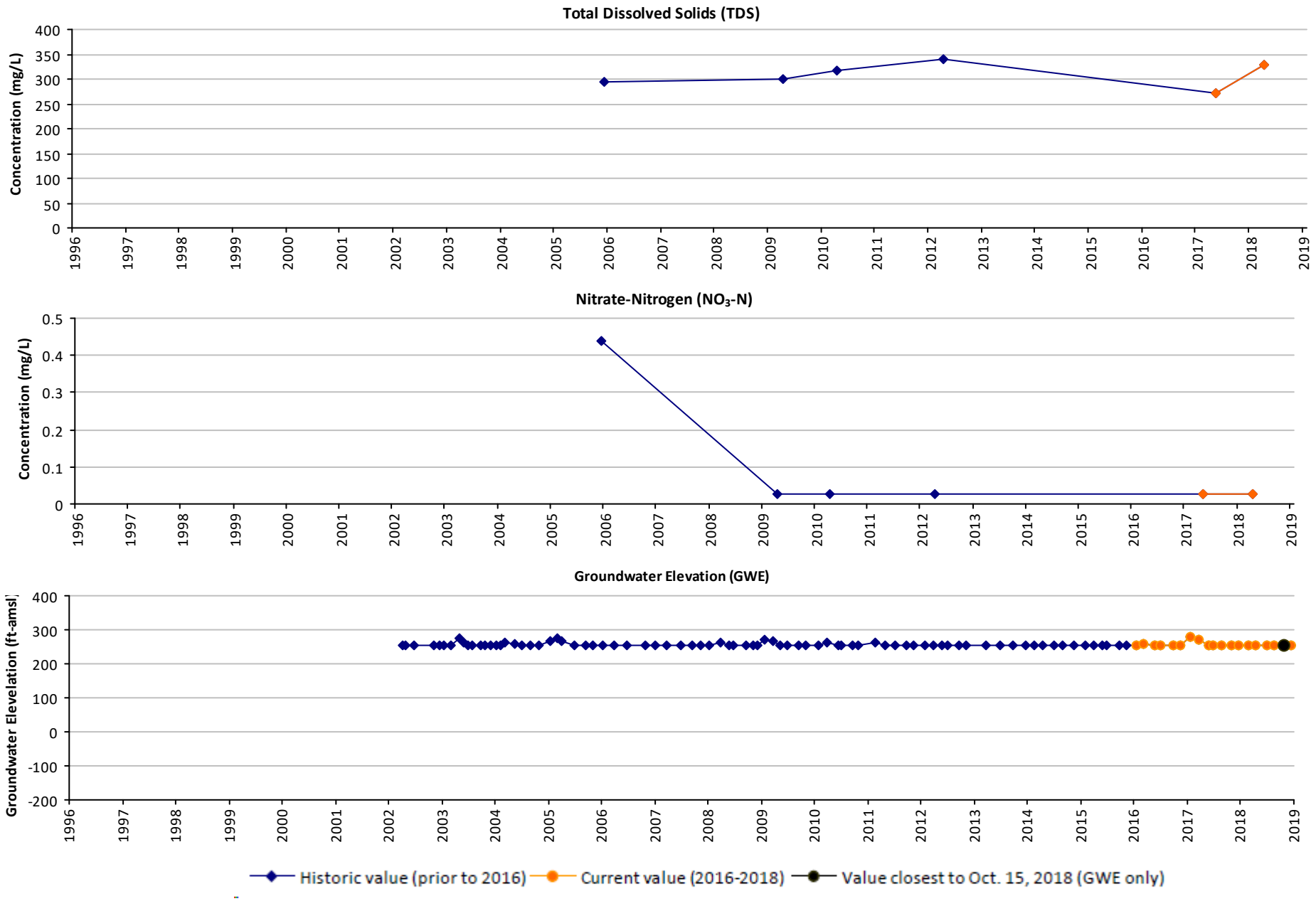

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

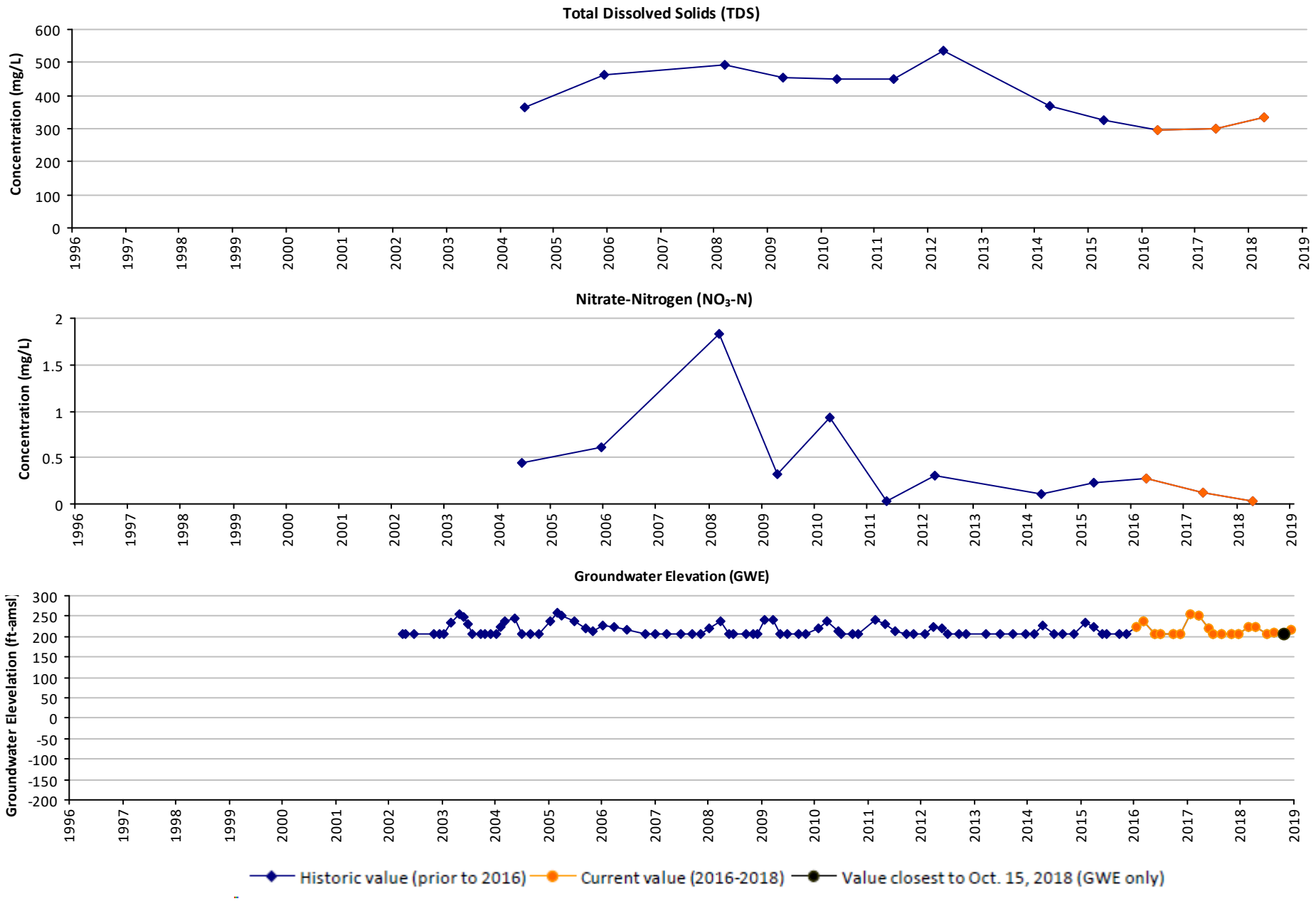

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

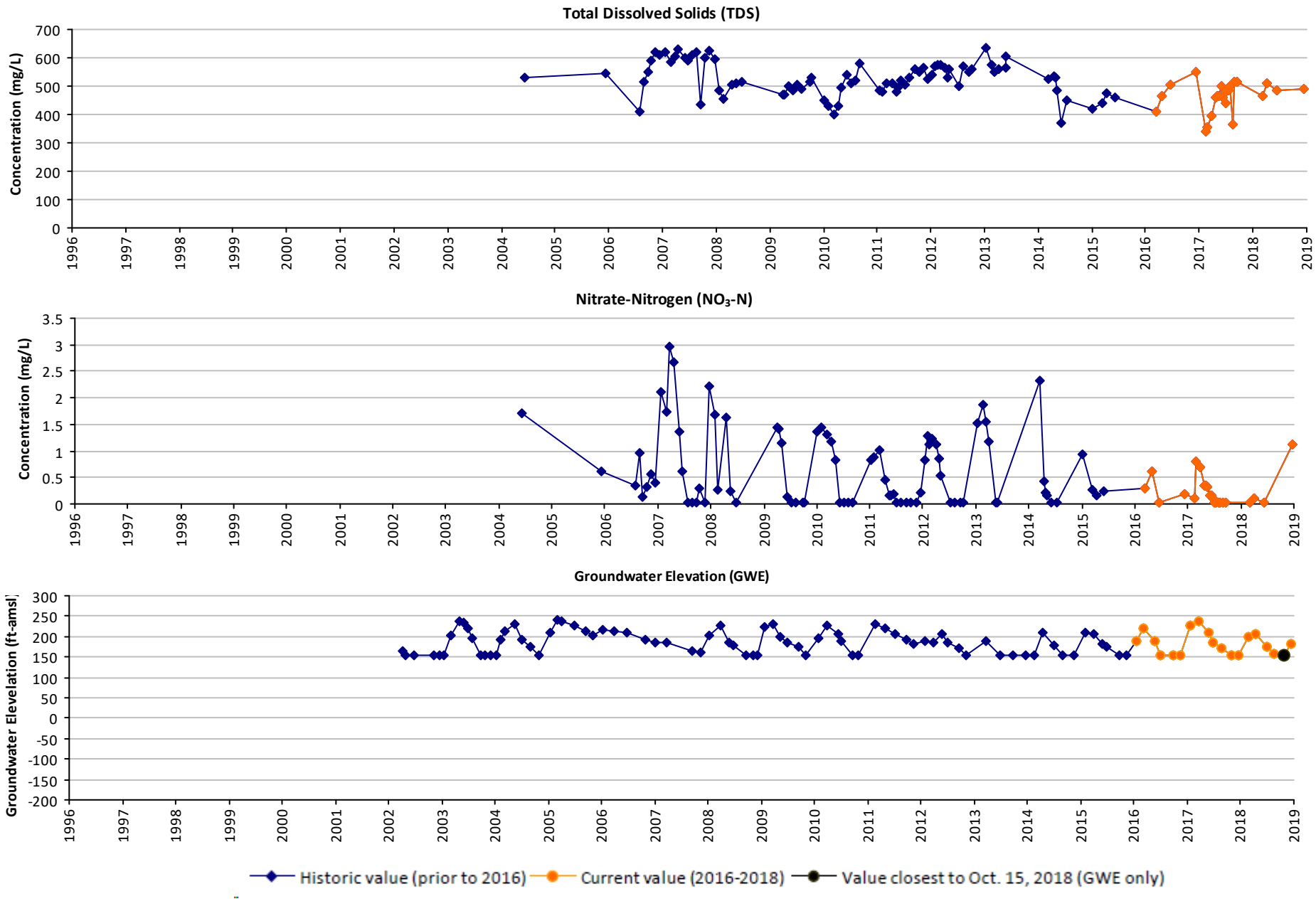

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

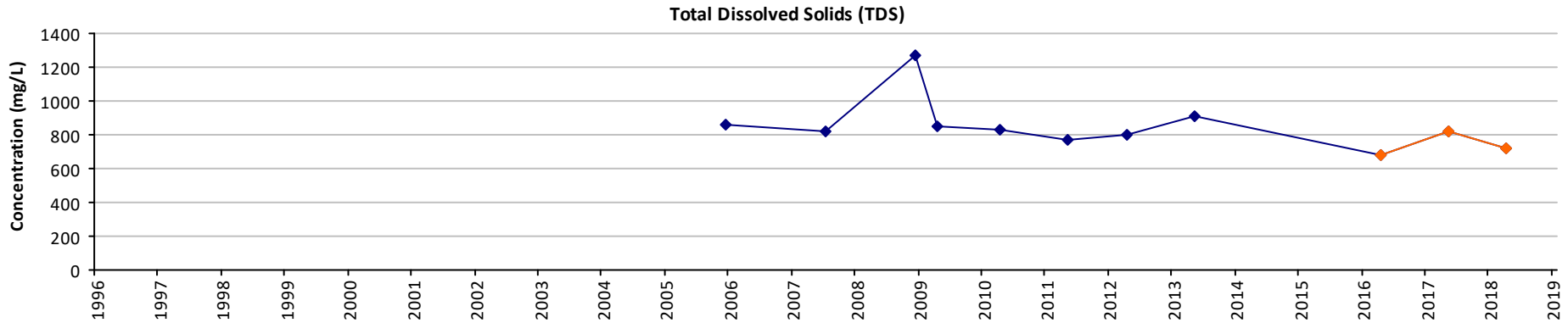

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

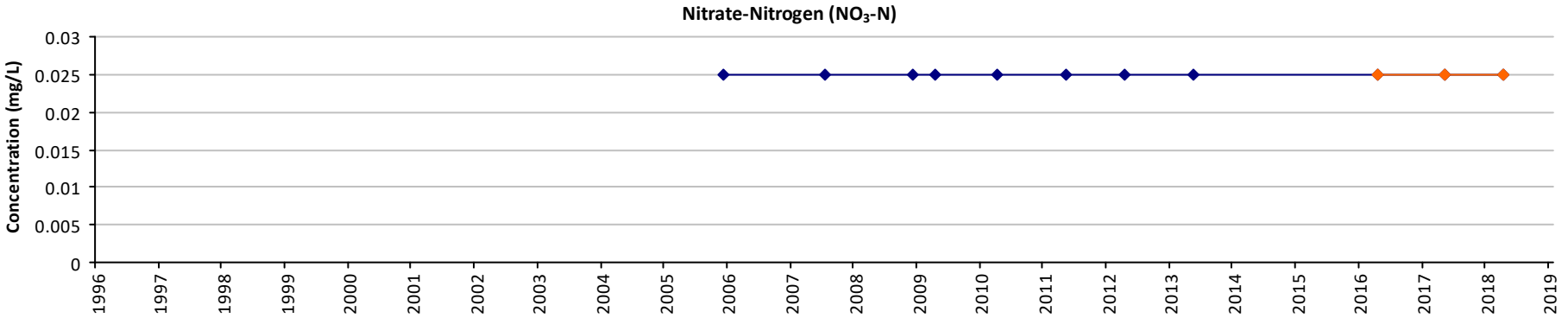

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

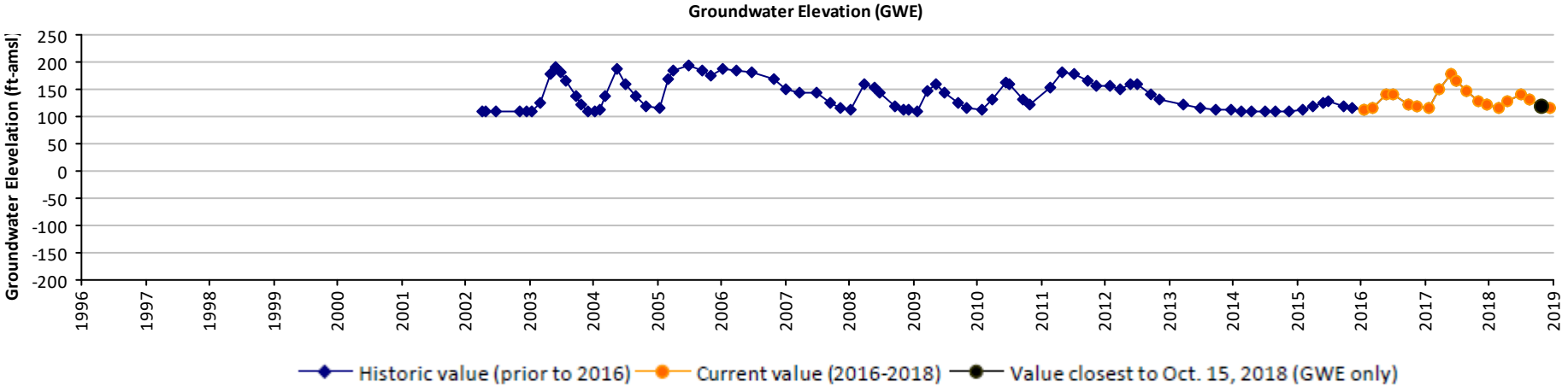

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

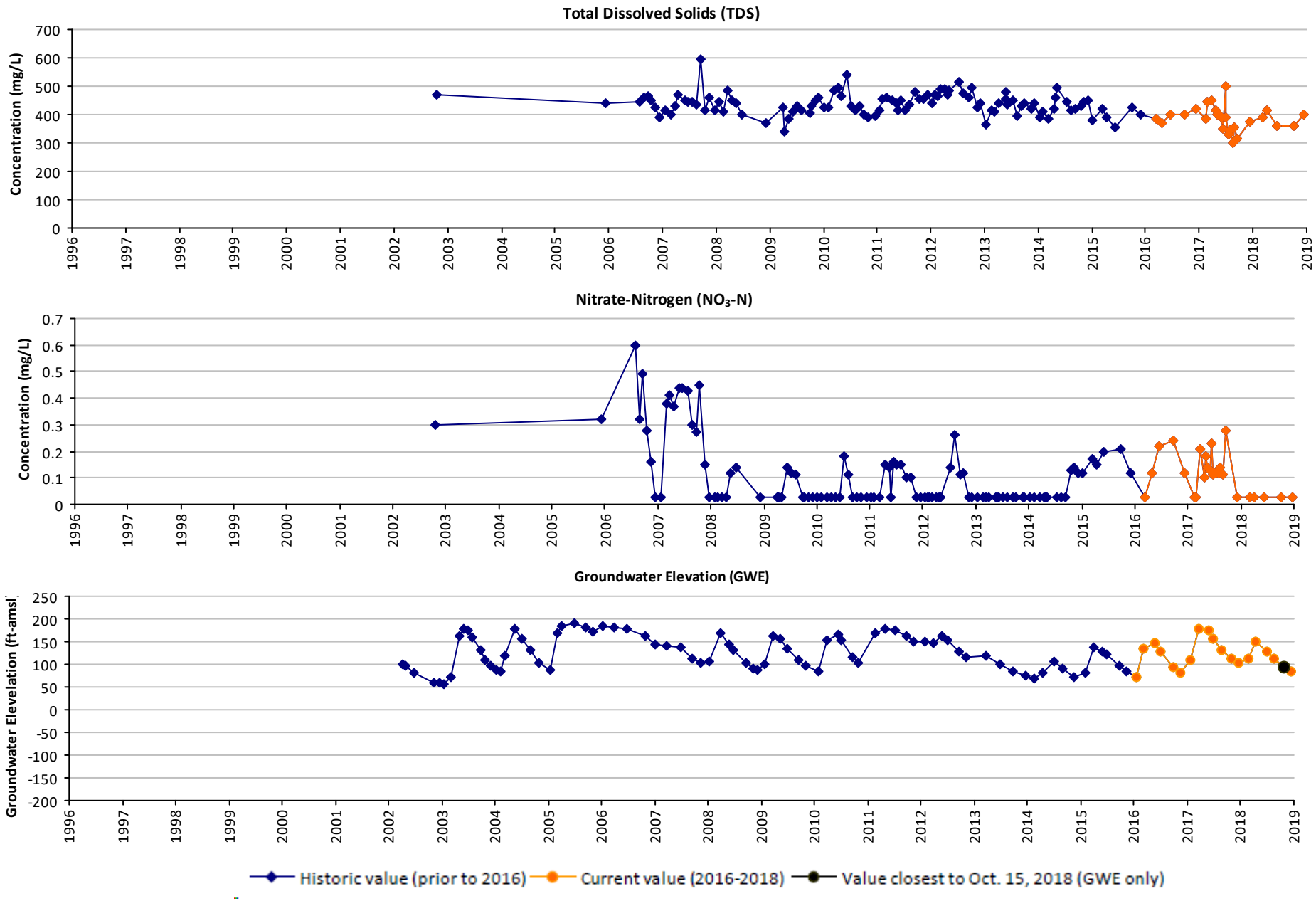
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

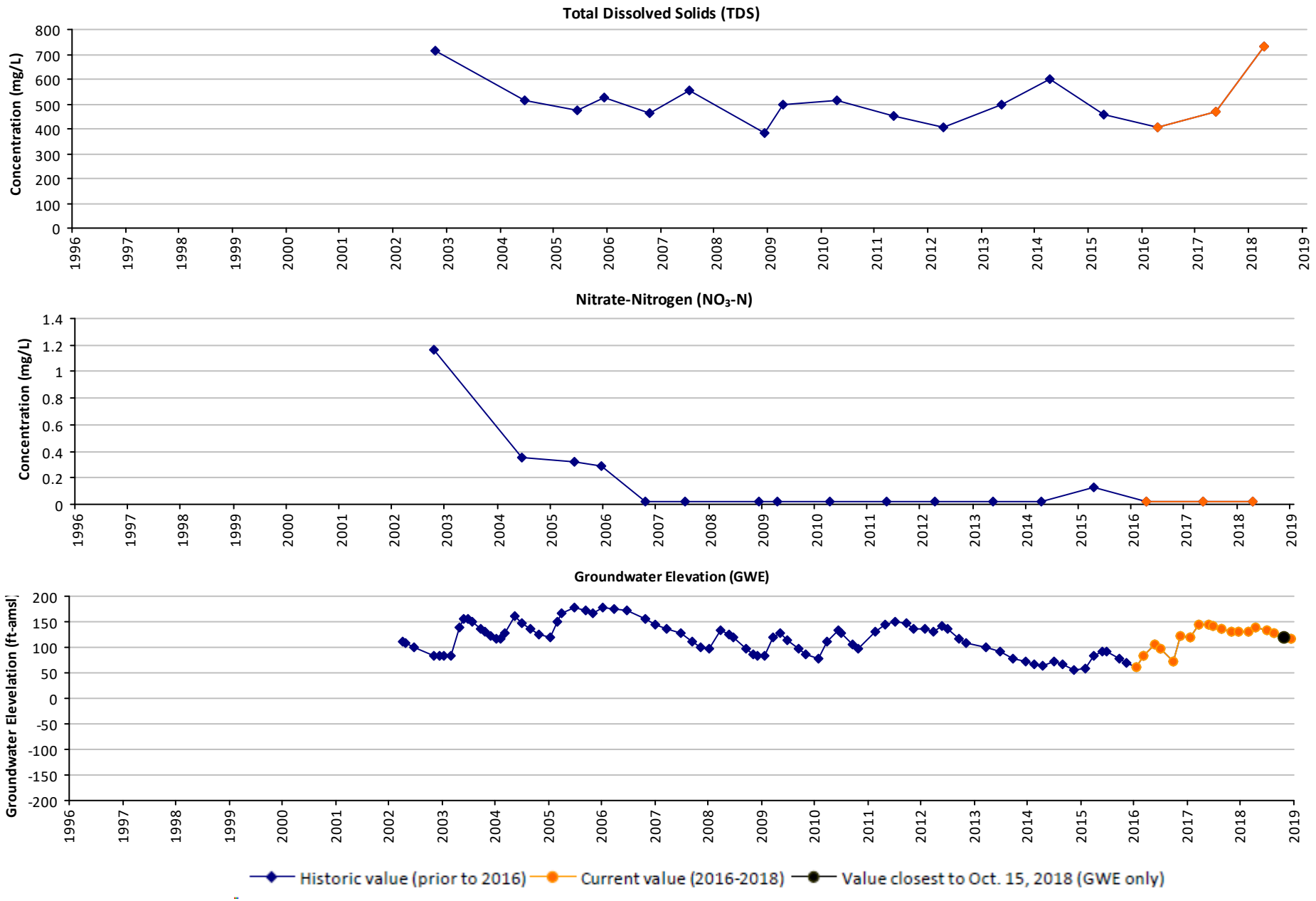
Well ID: 1214869
Management Zone: Orange County

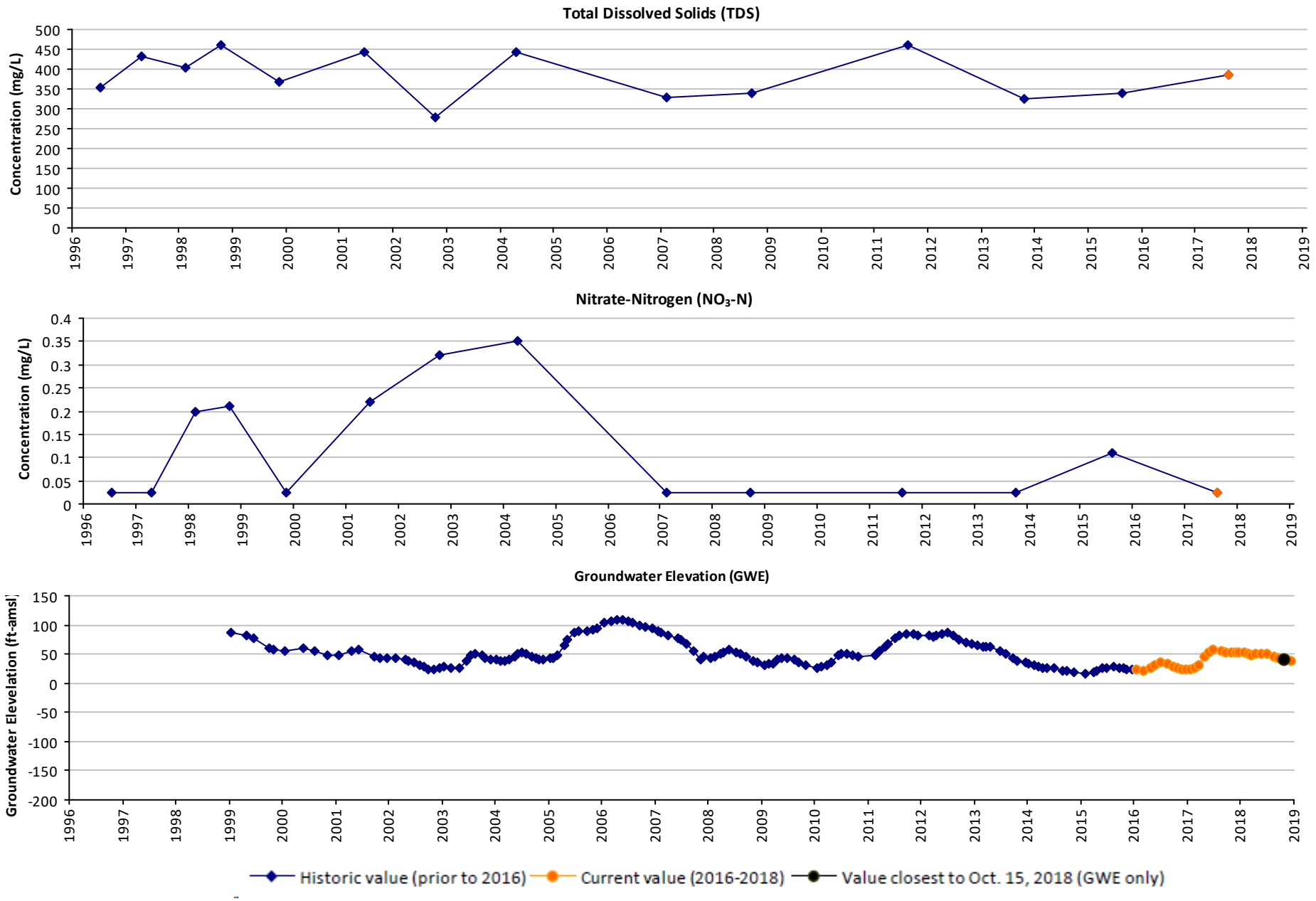


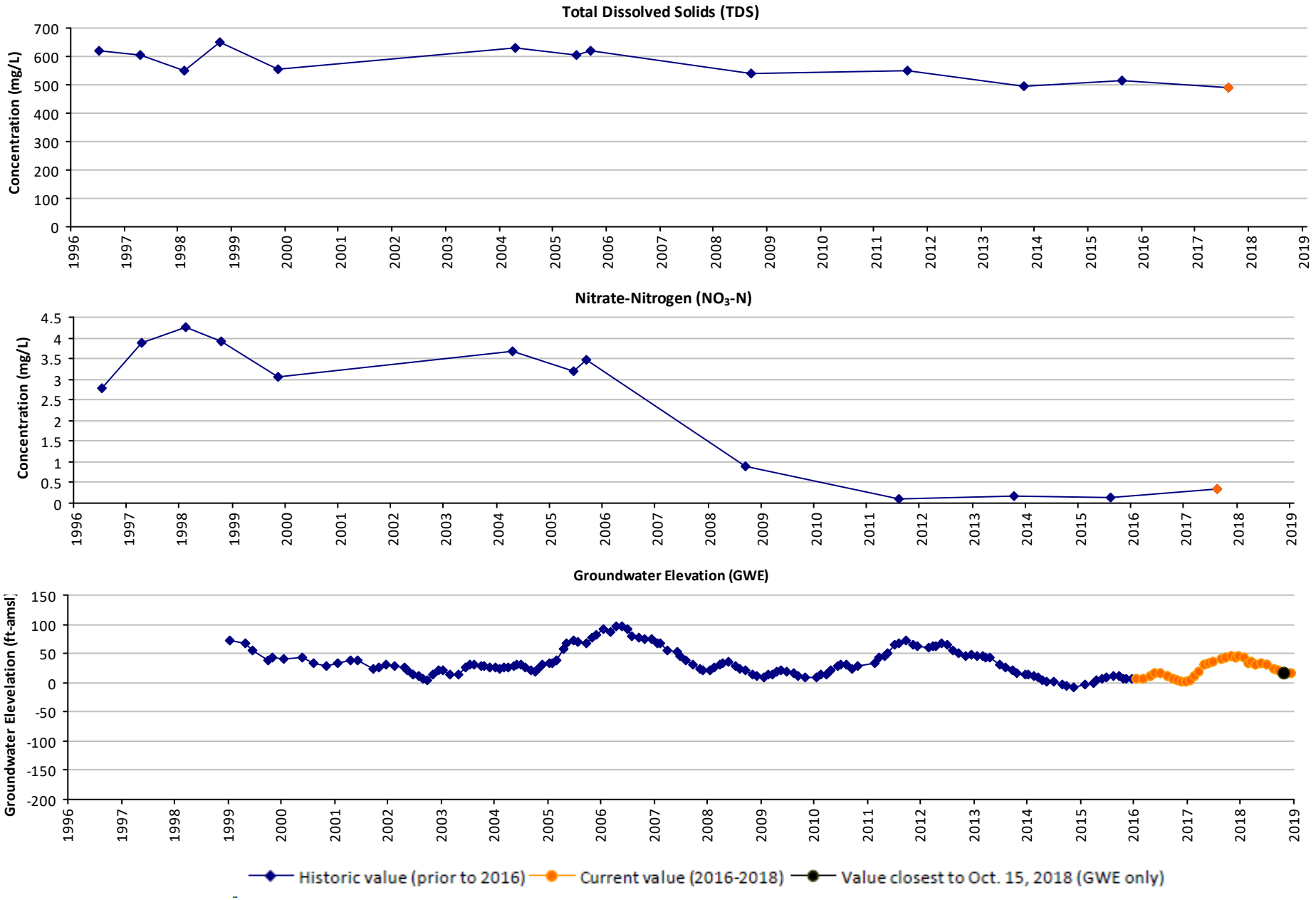


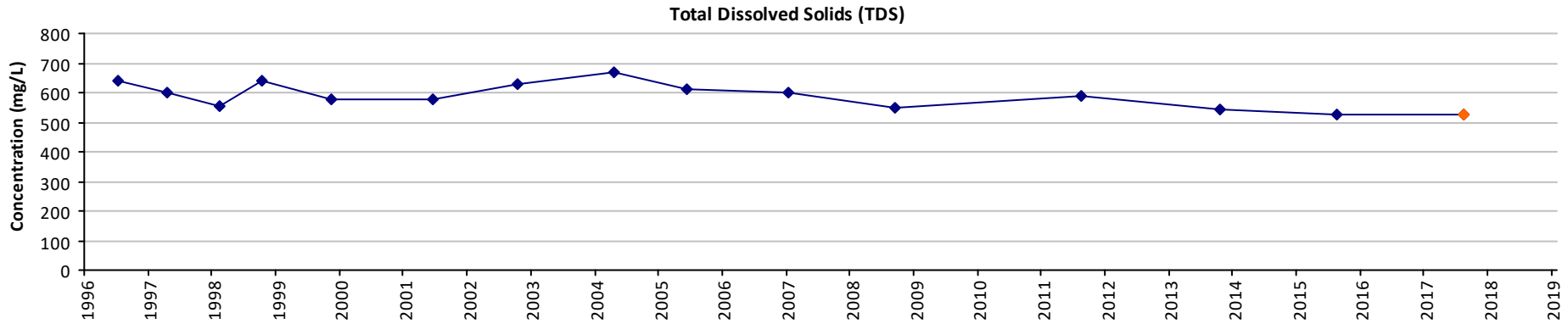


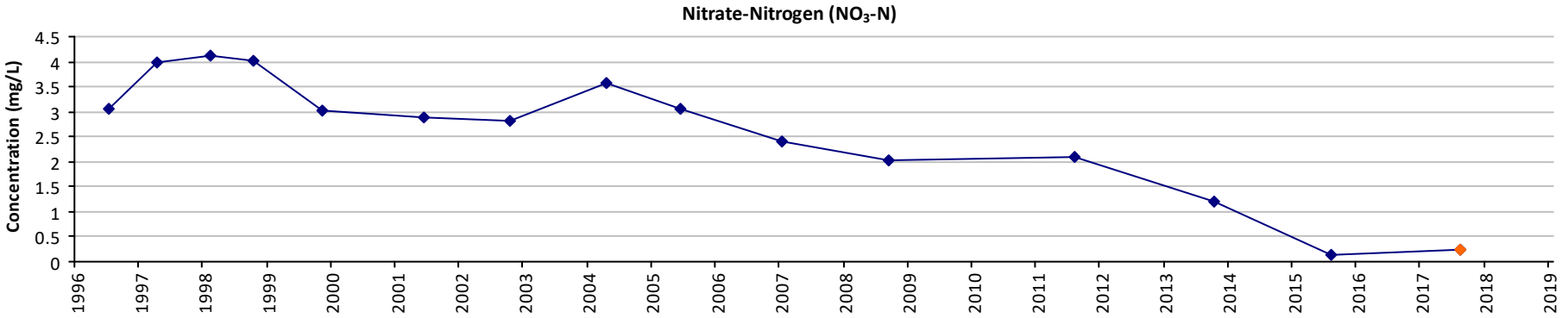

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

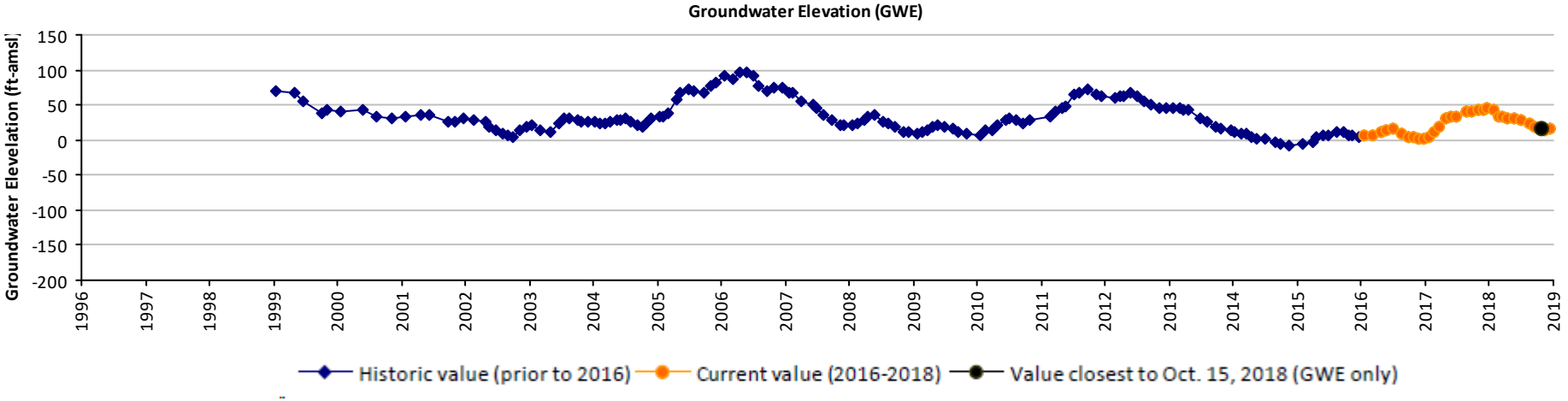

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

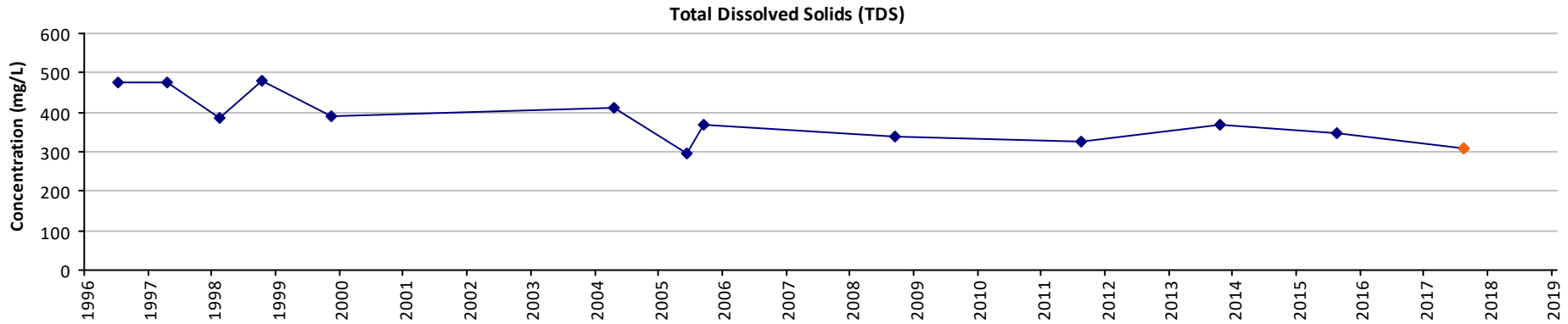

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

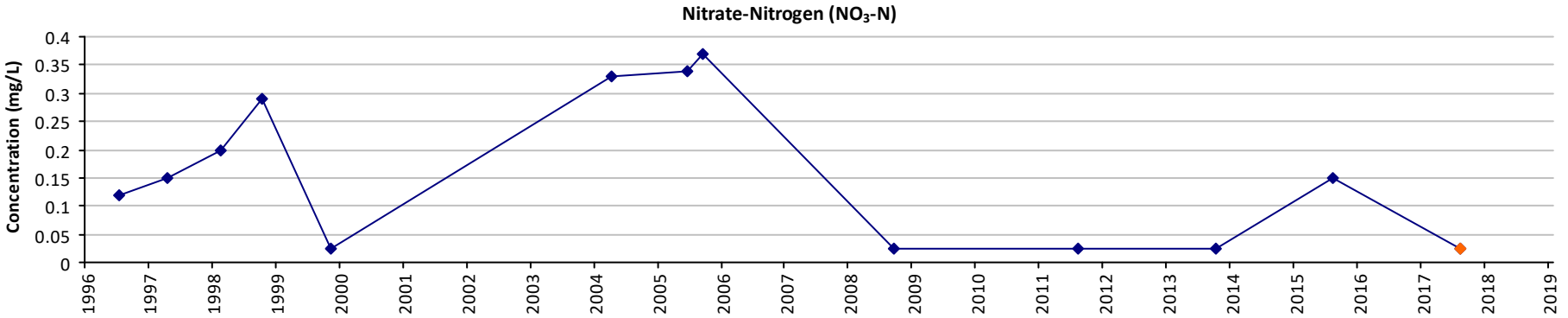

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

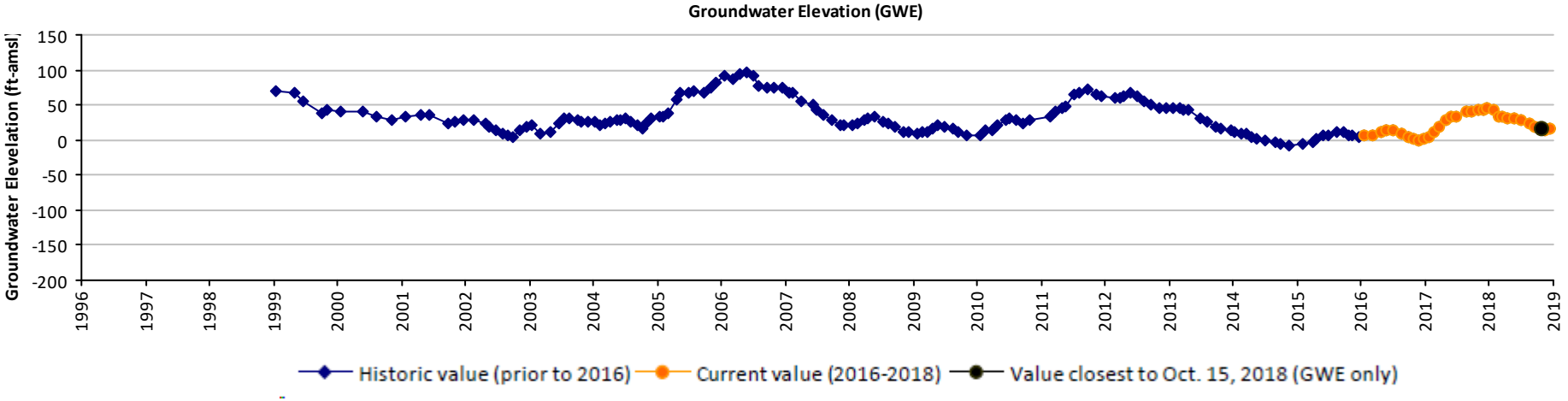

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

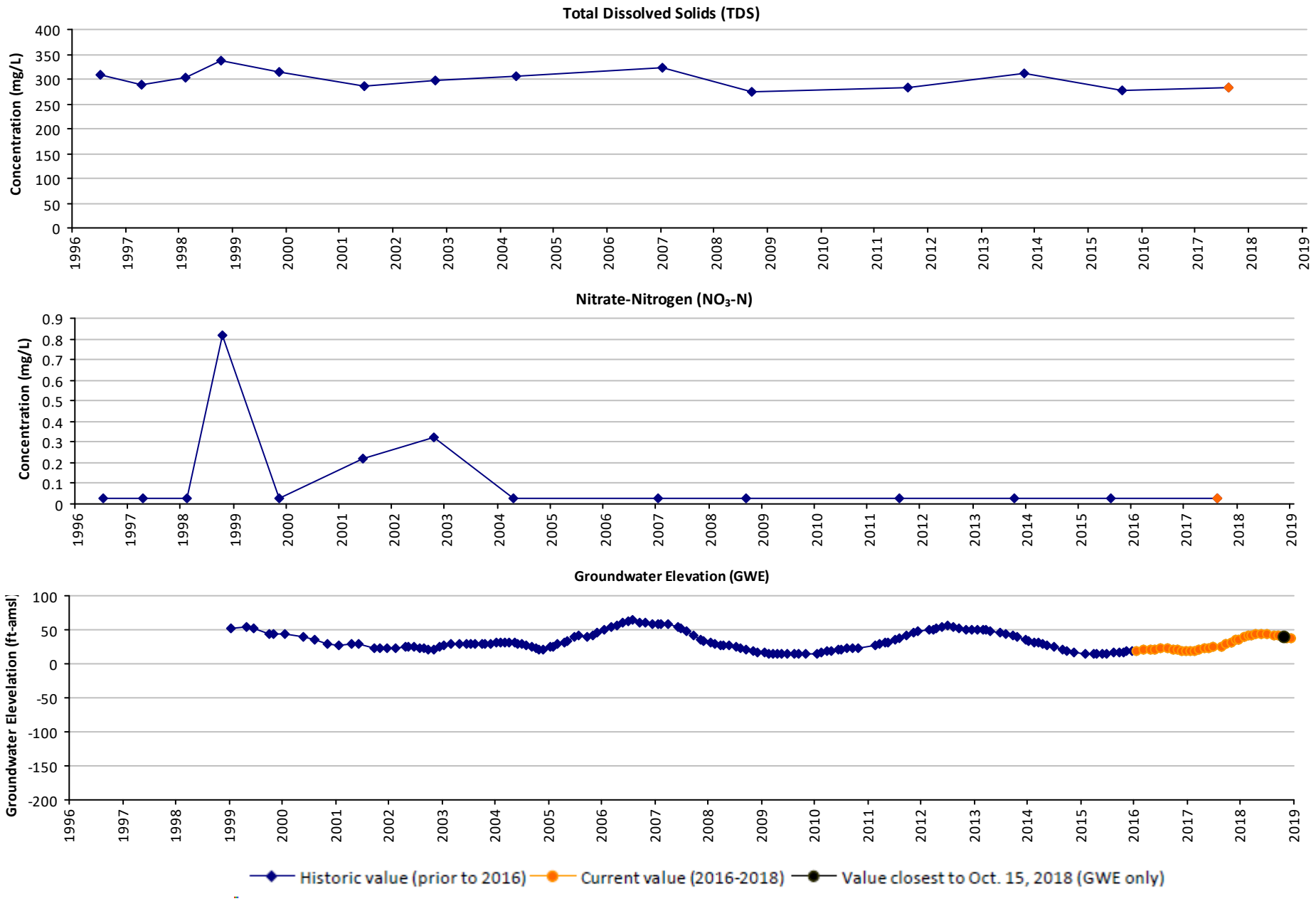

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

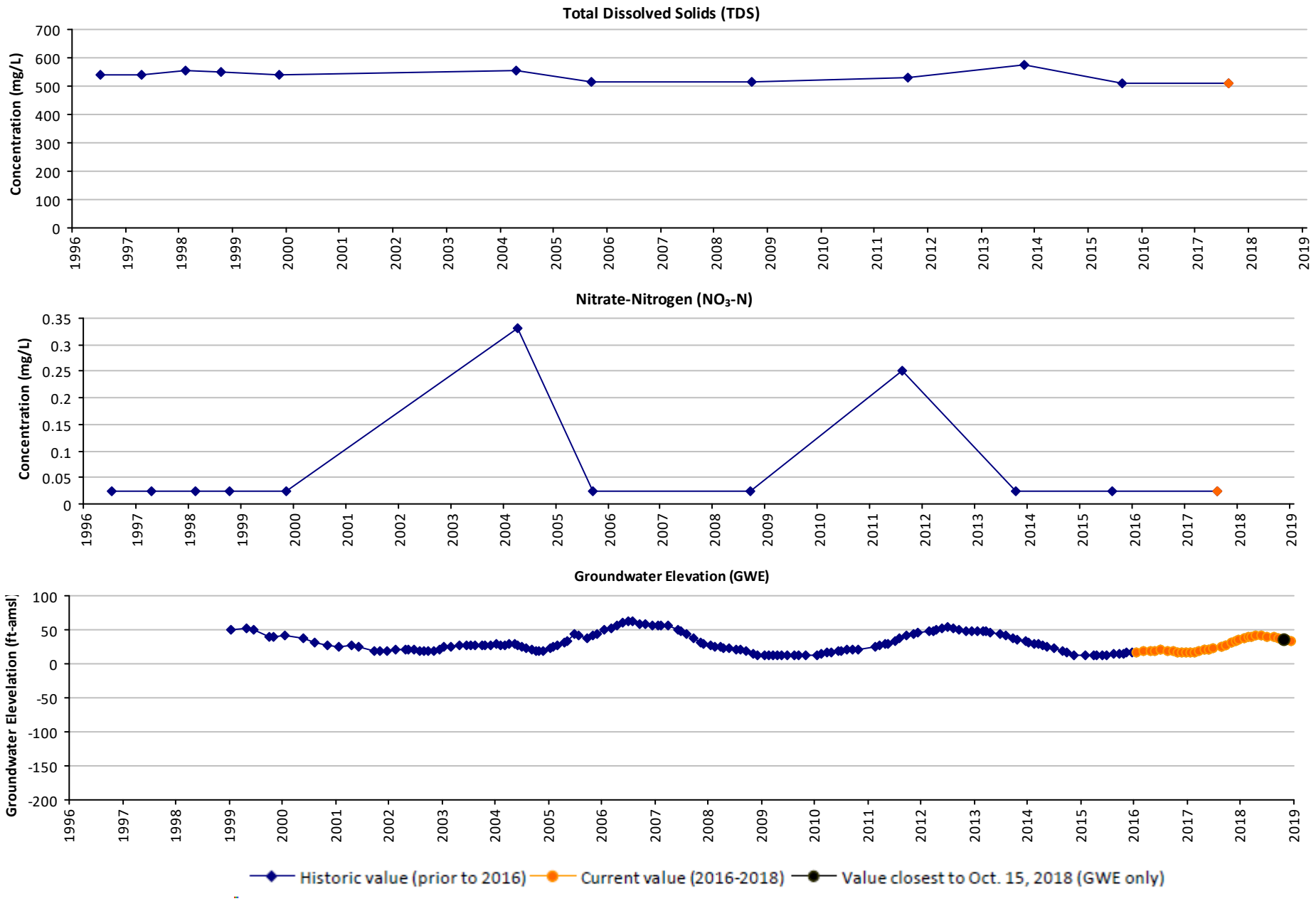

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

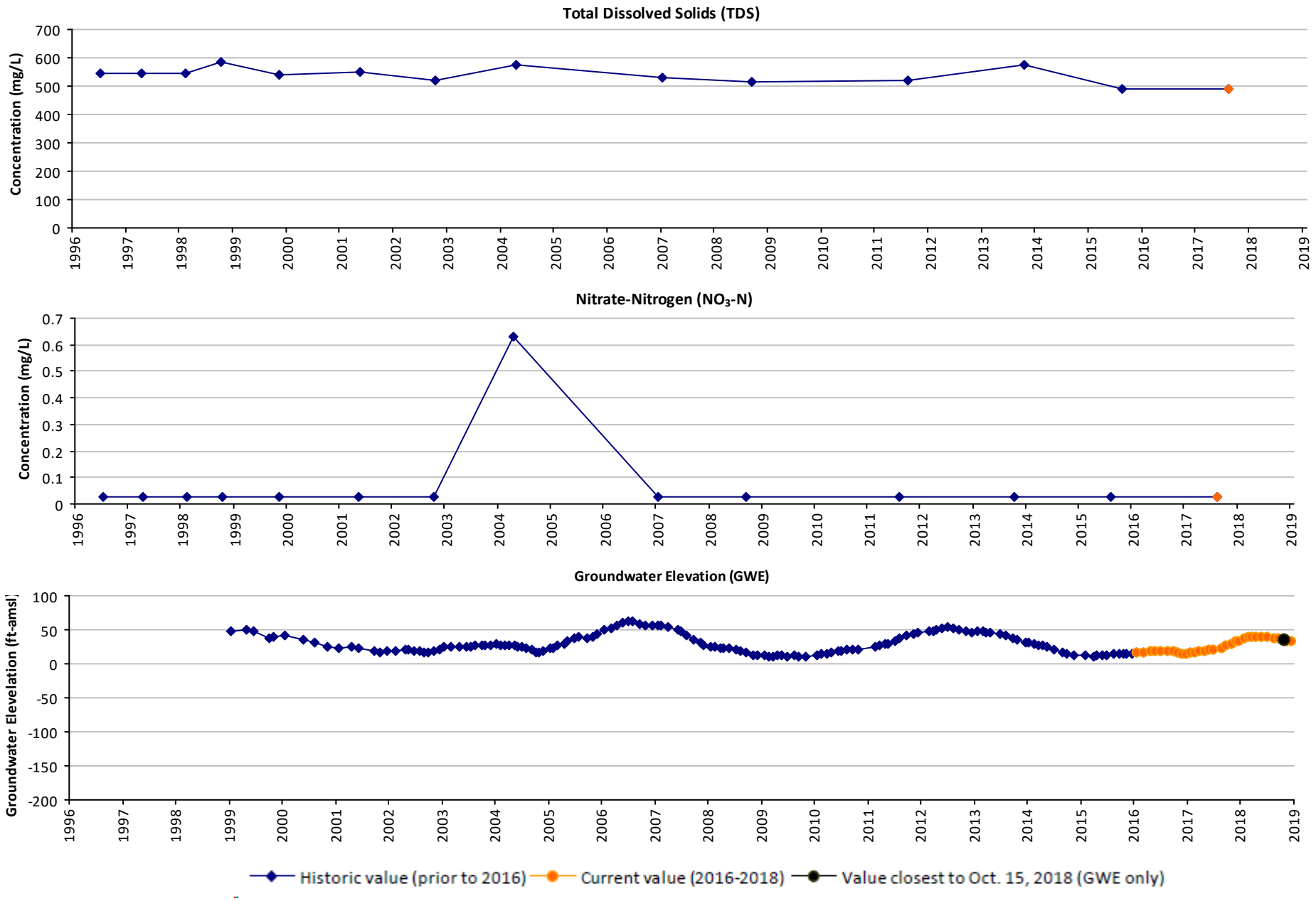

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

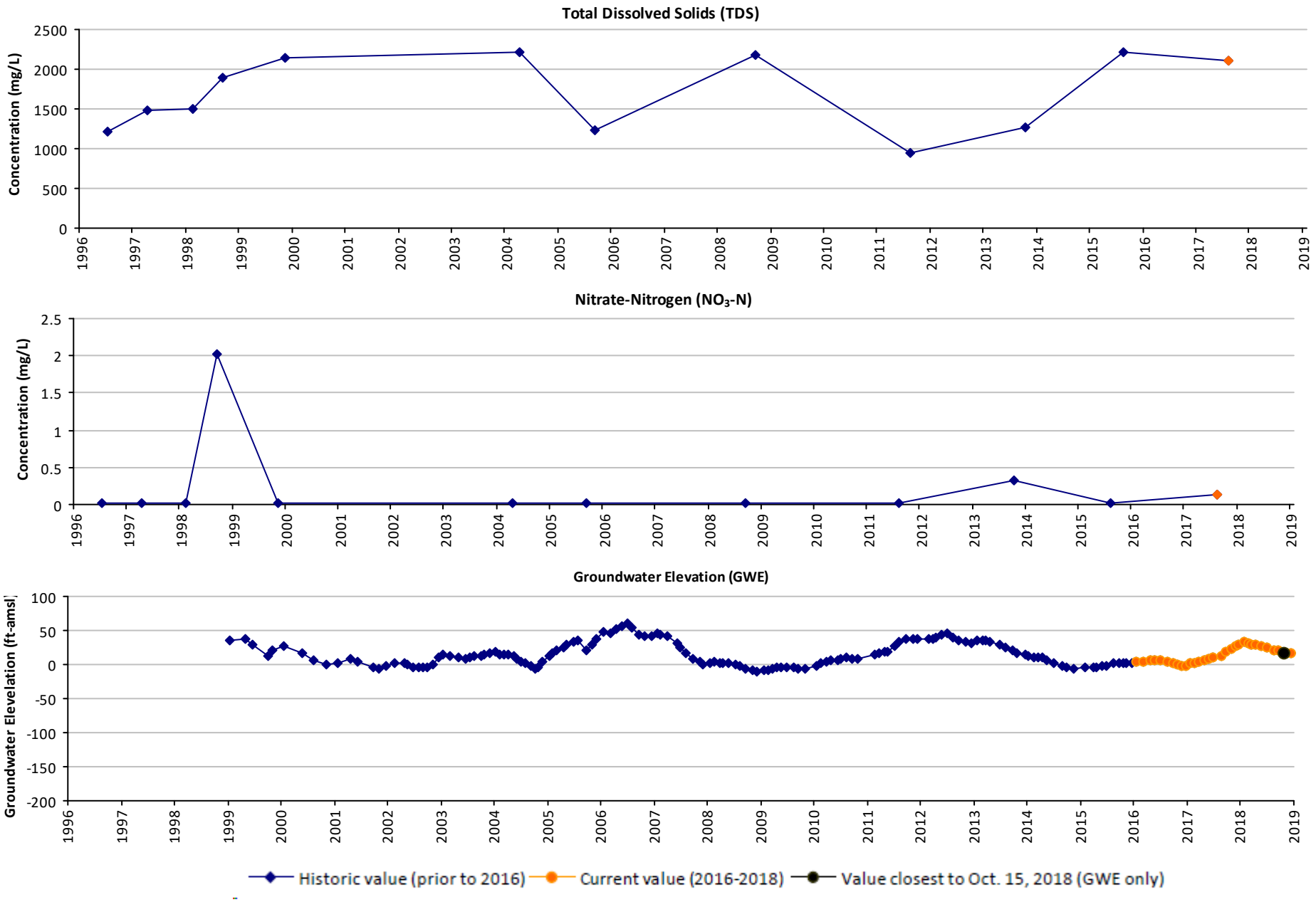

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

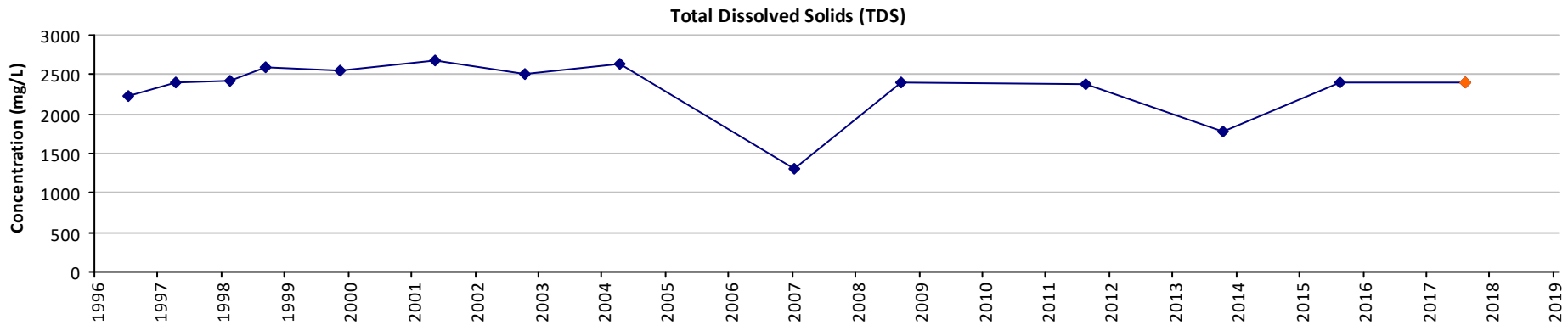

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
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2002
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2004
2005
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2007
2008
2009
2010
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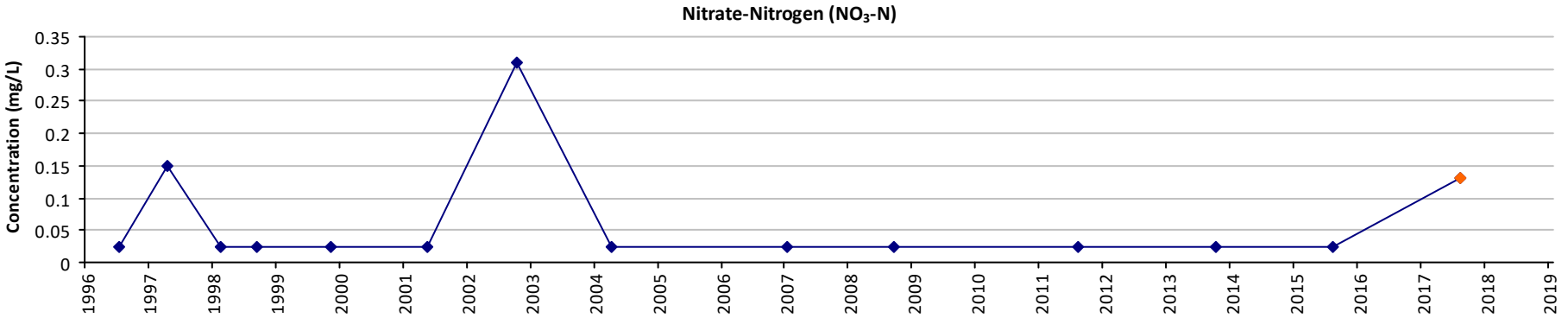
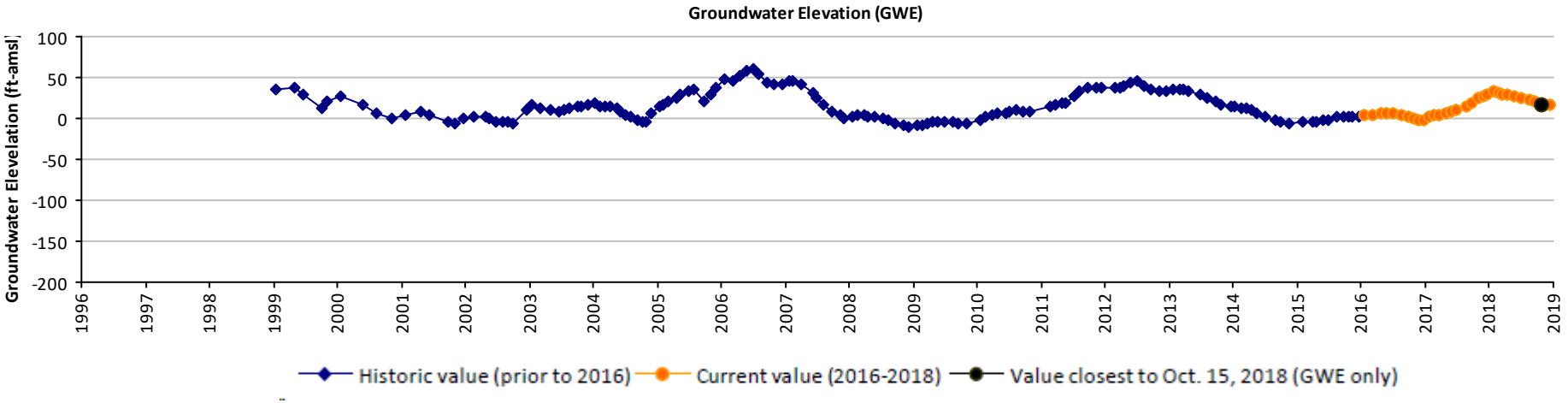
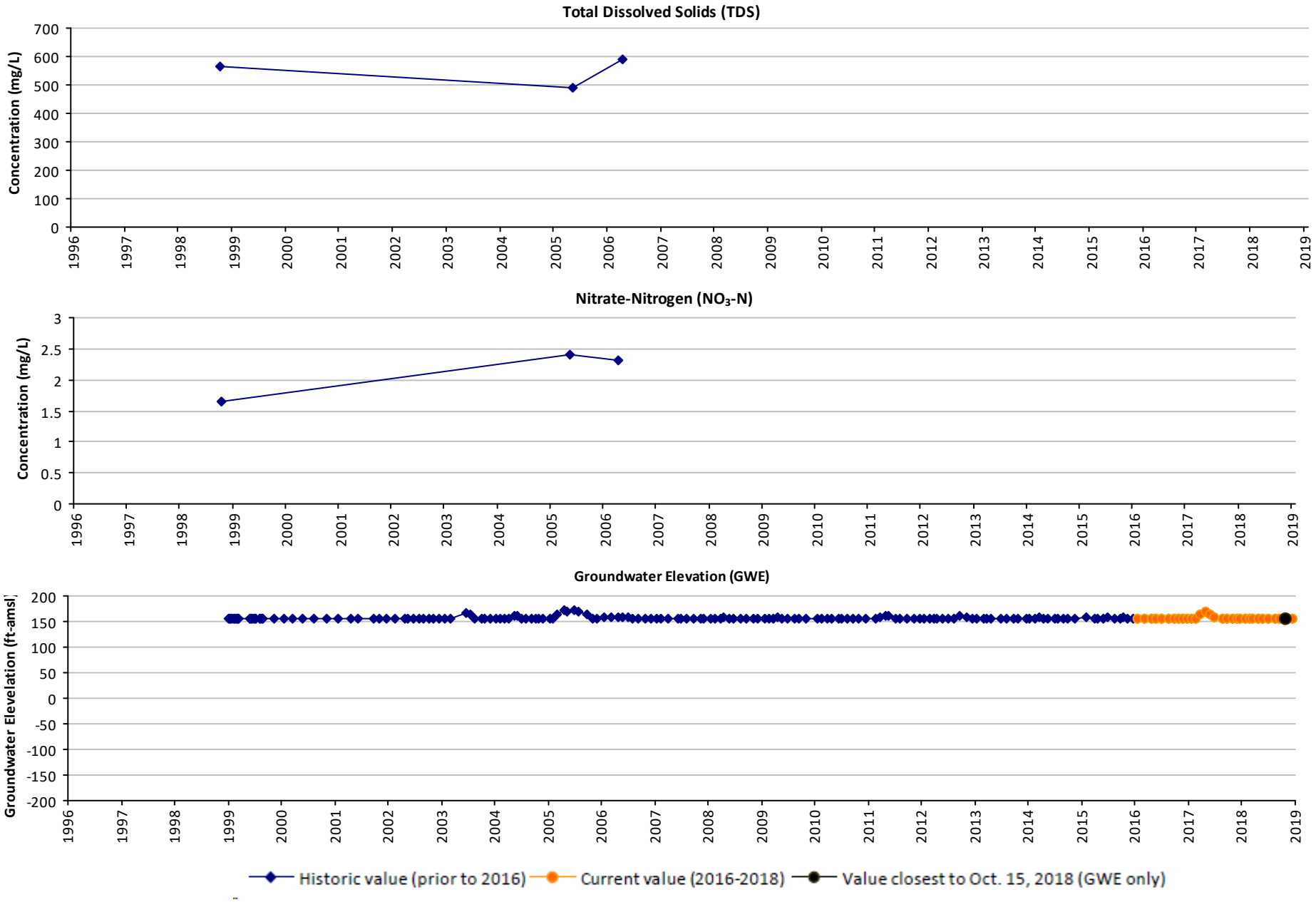
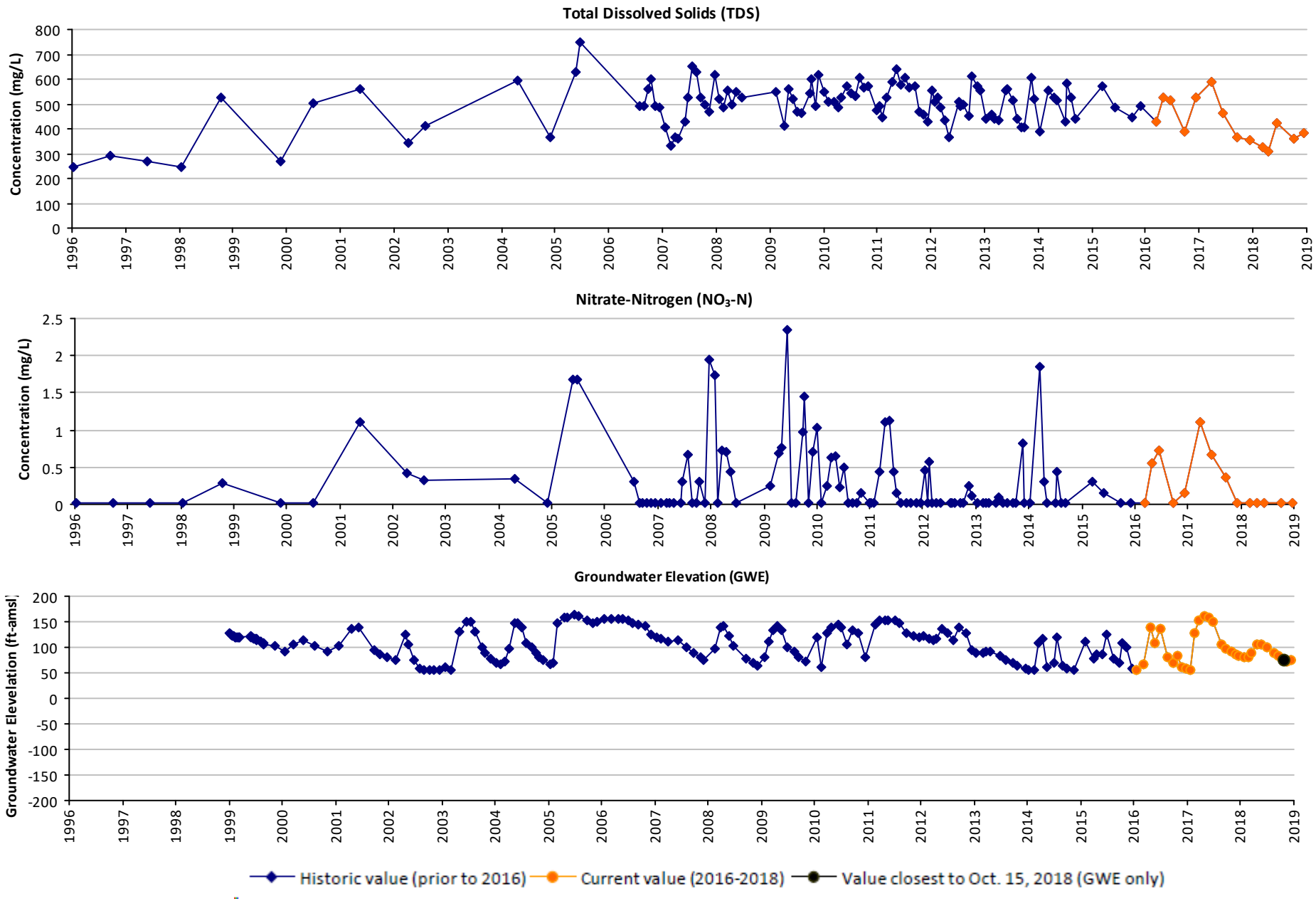
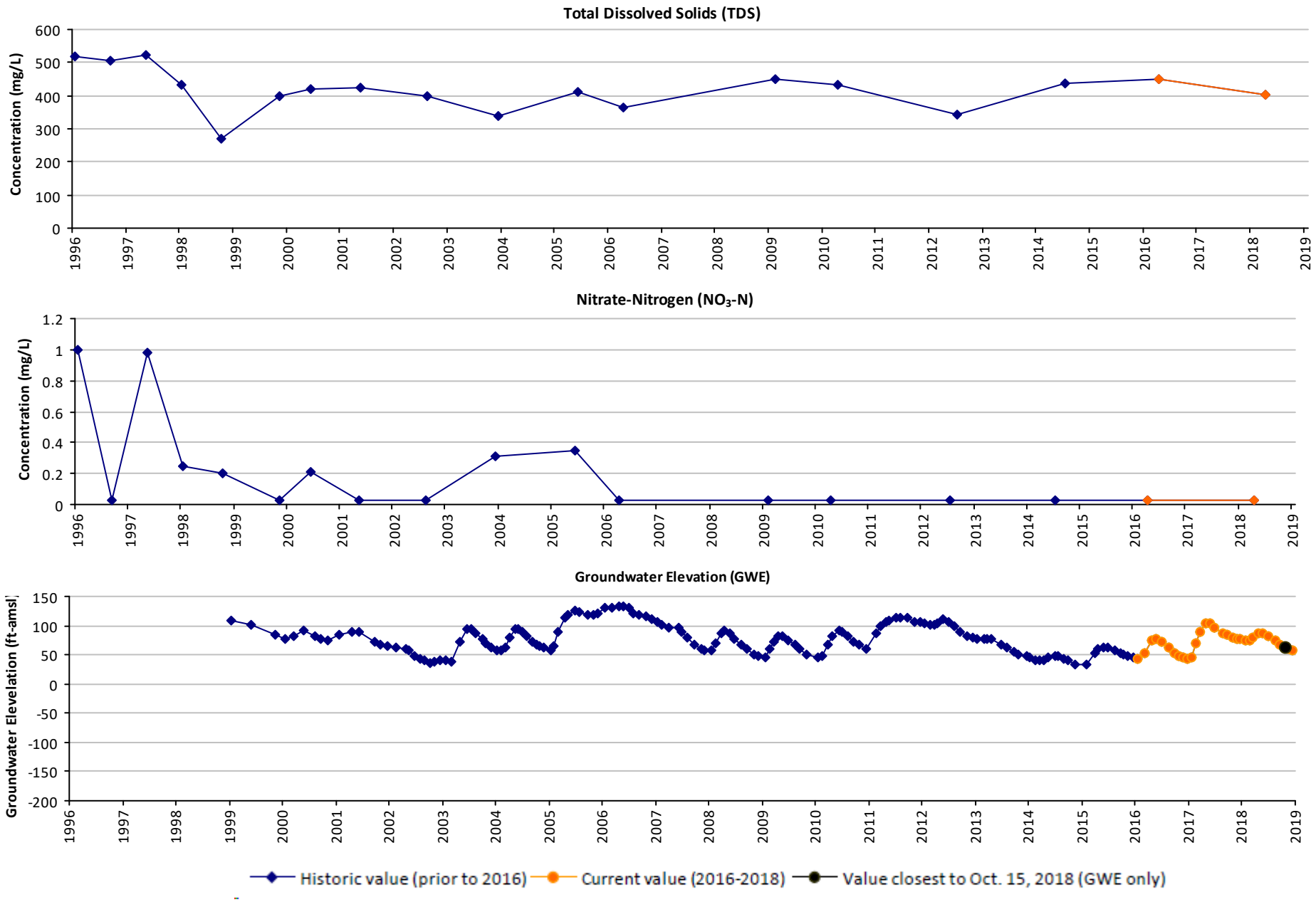
2015
2016
2017
2018
2019

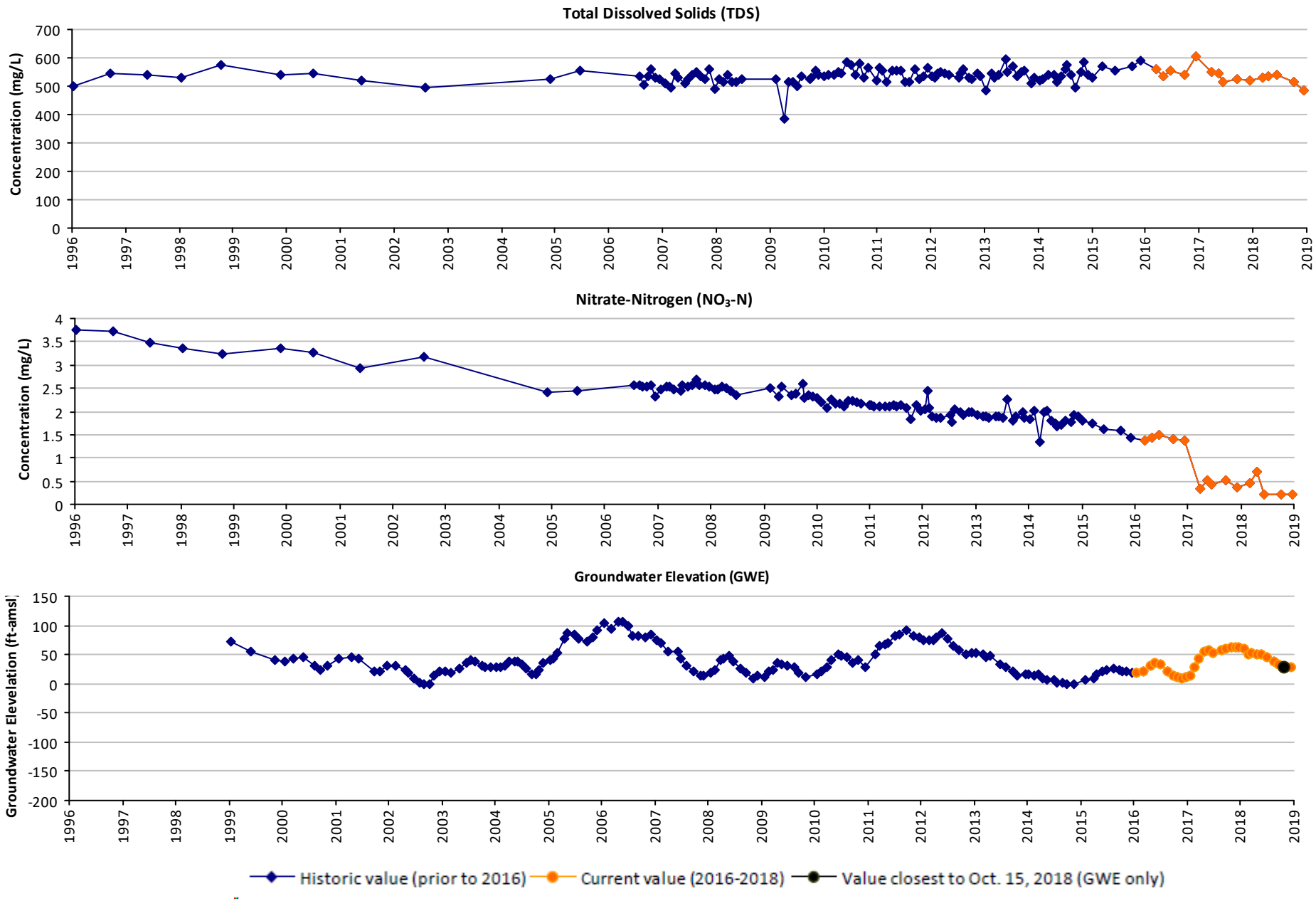

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

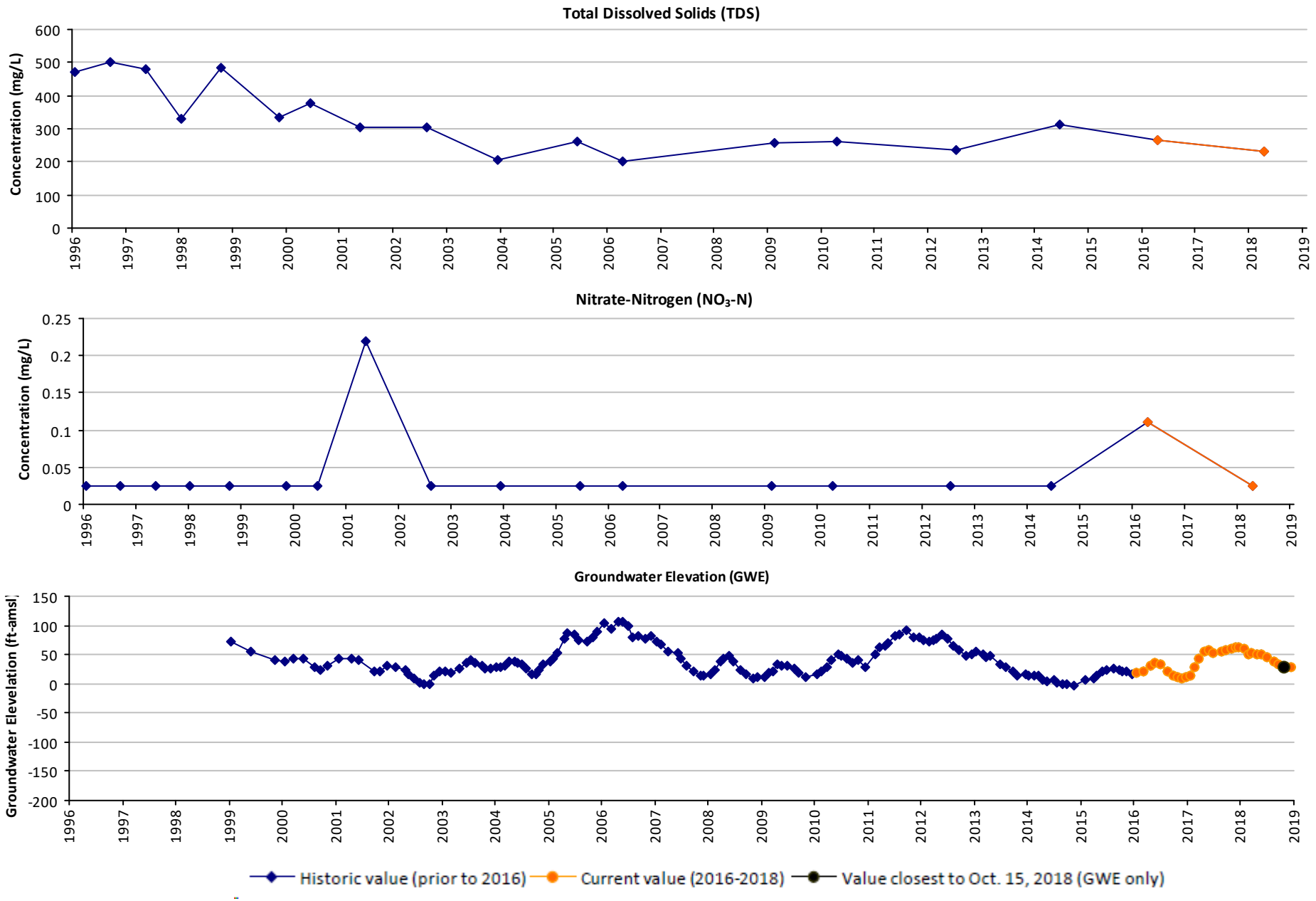

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

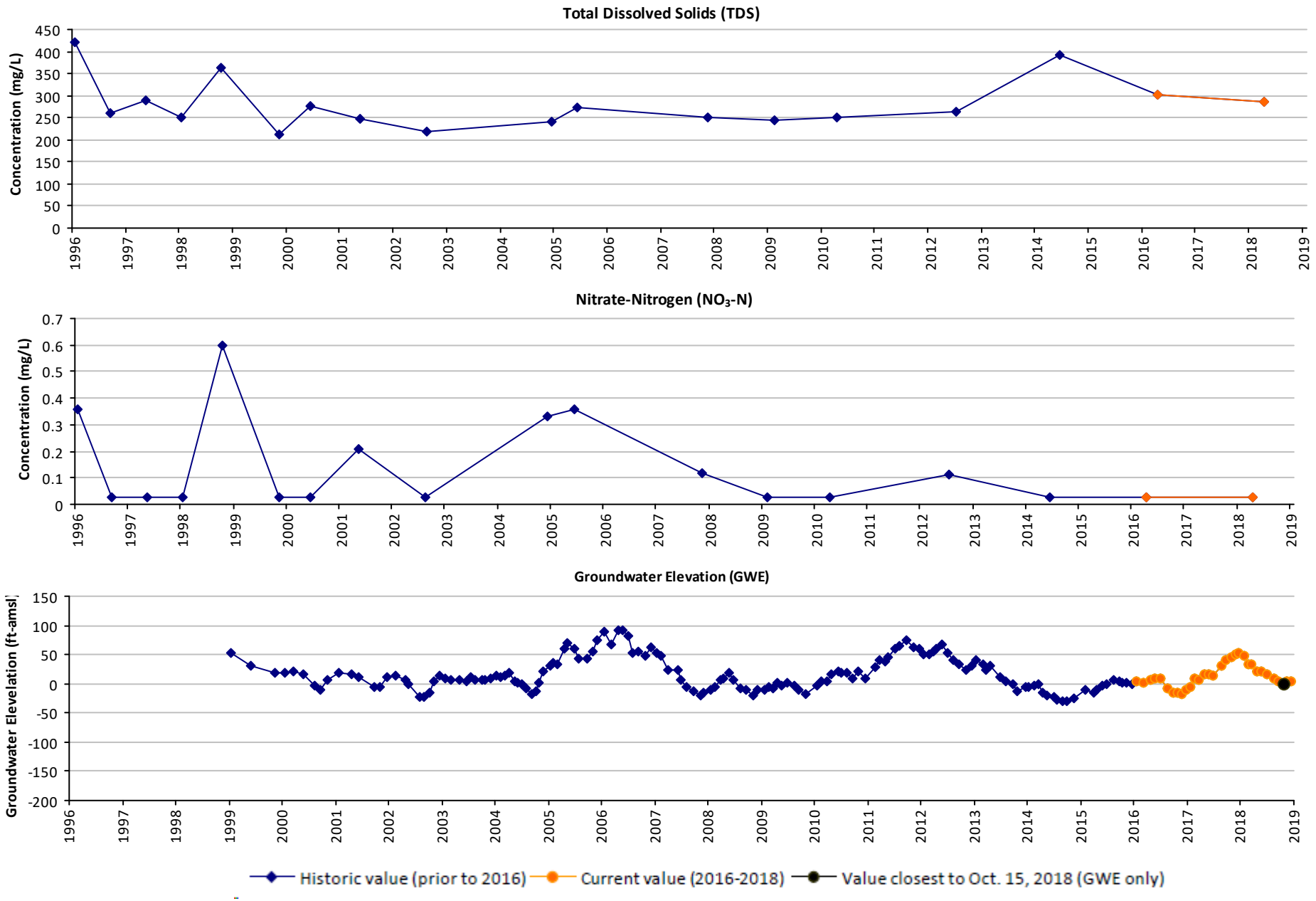

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

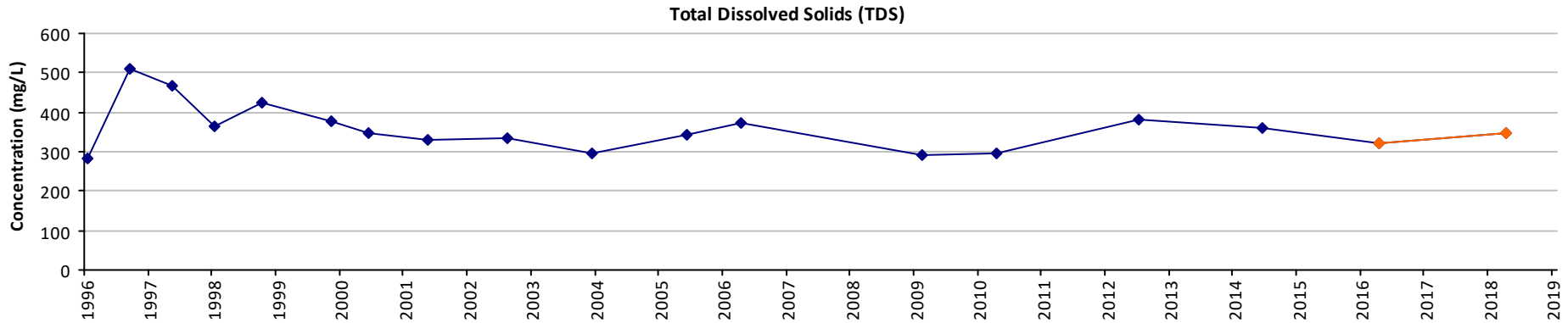

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

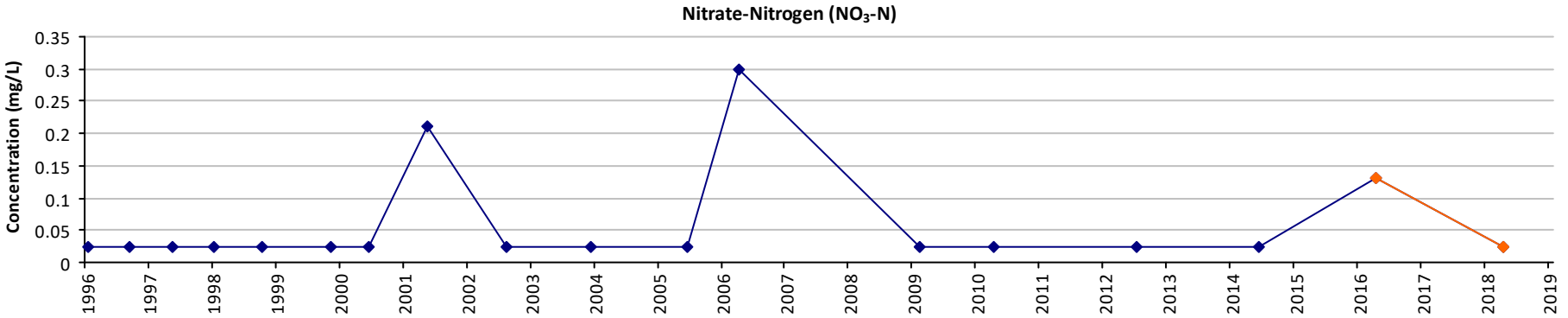

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

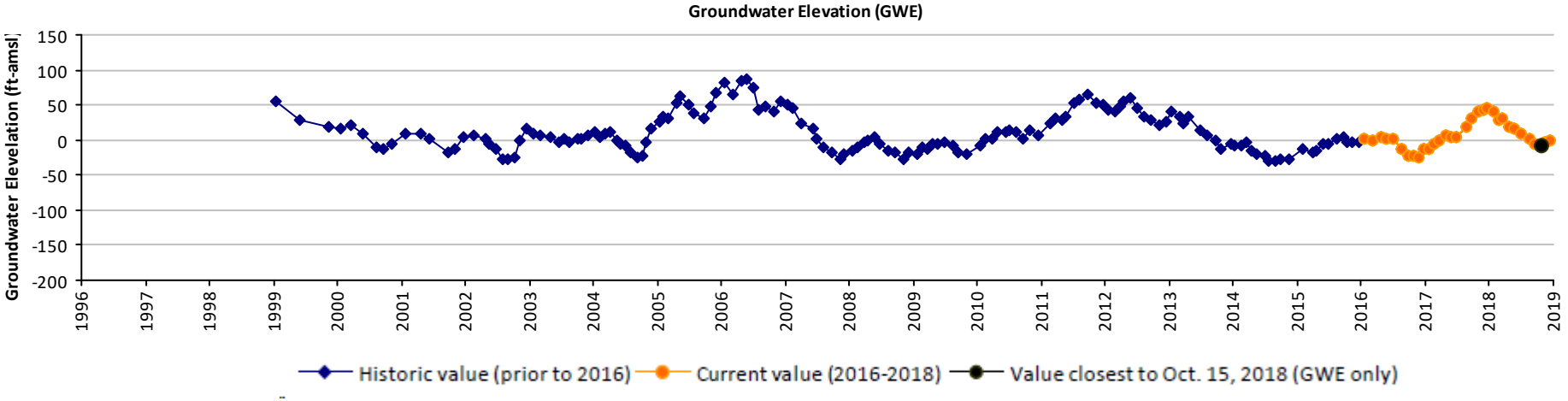

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

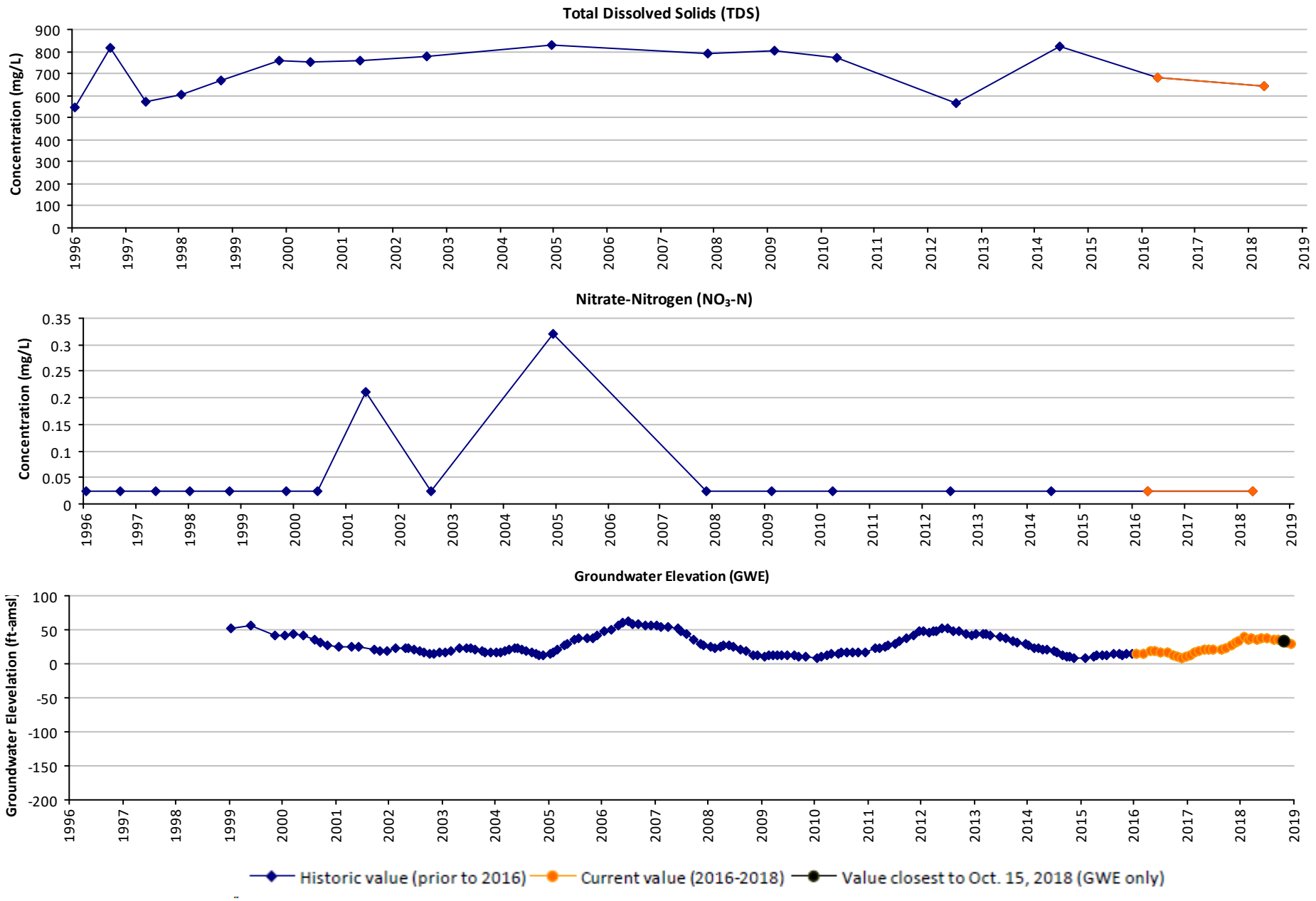
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

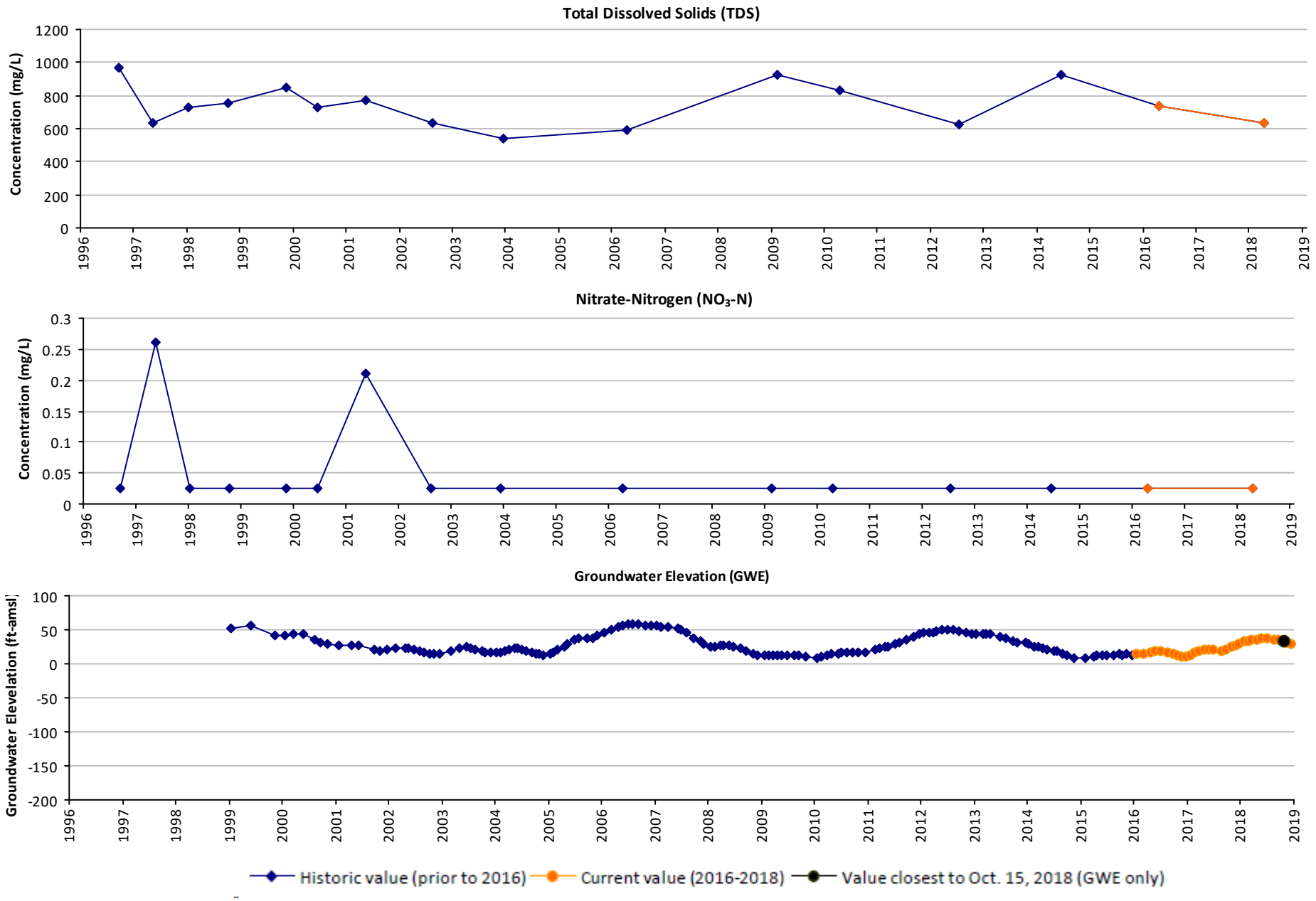
Well ID: 1214898
Management Zone: Orange County

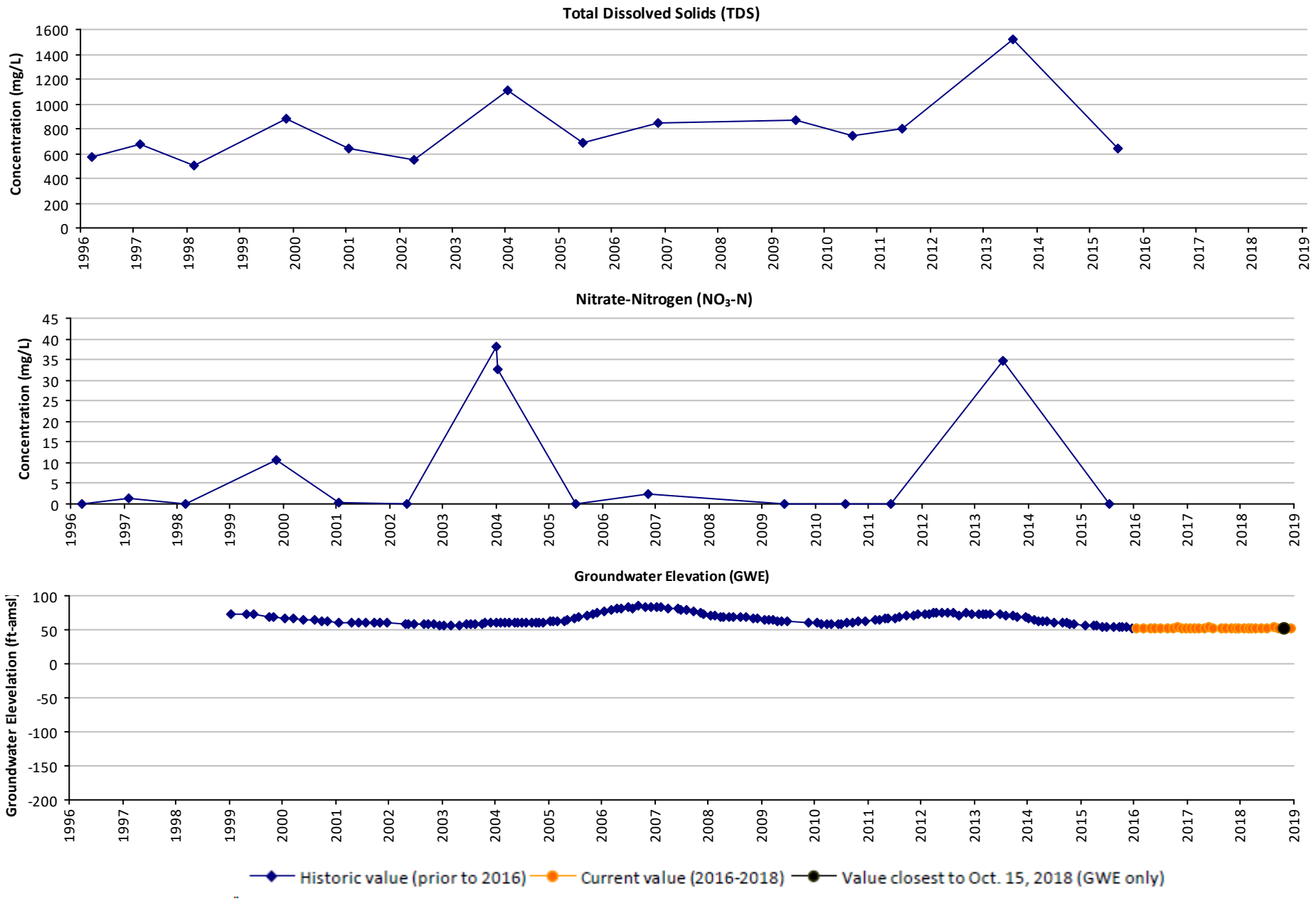


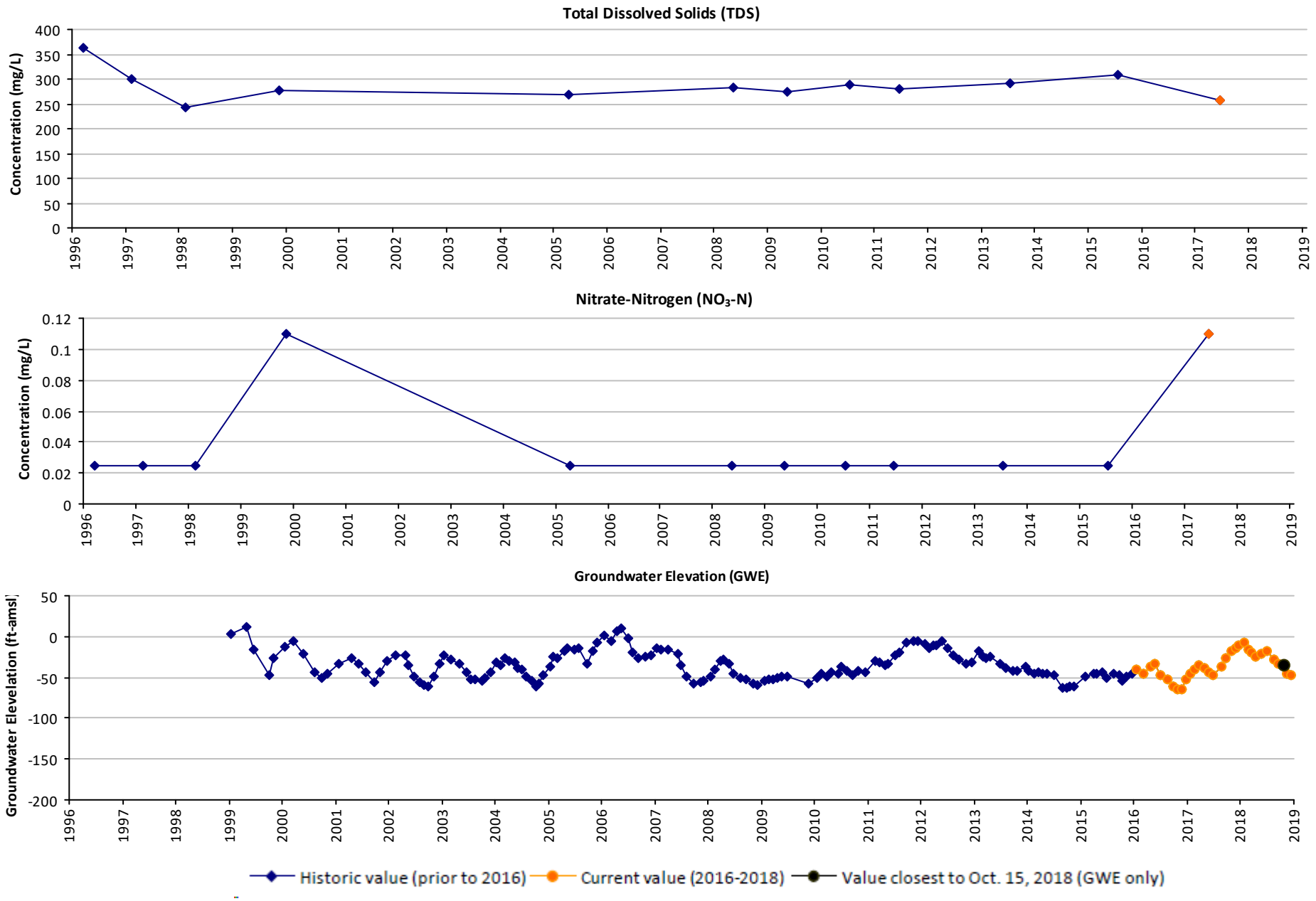


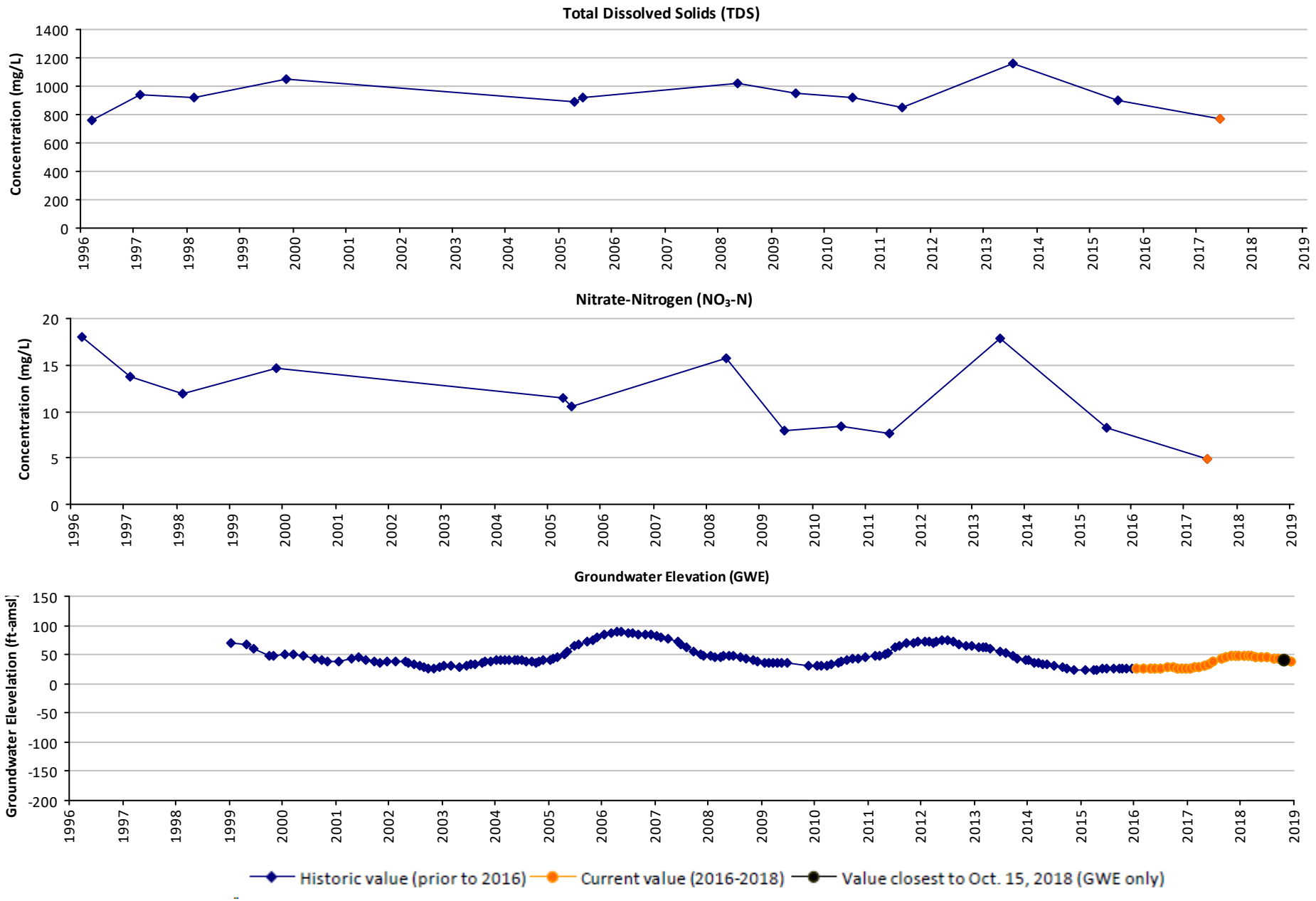


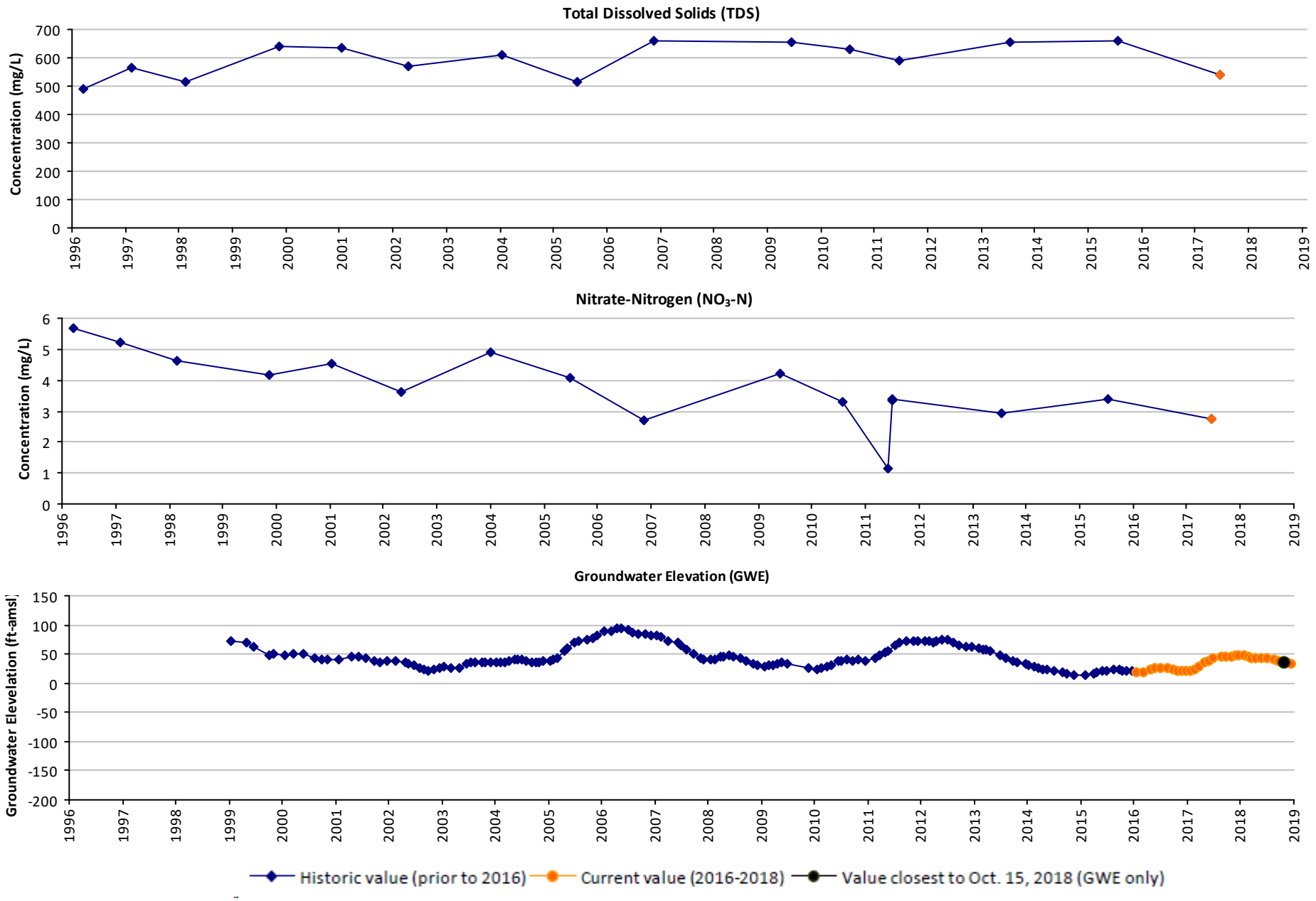

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

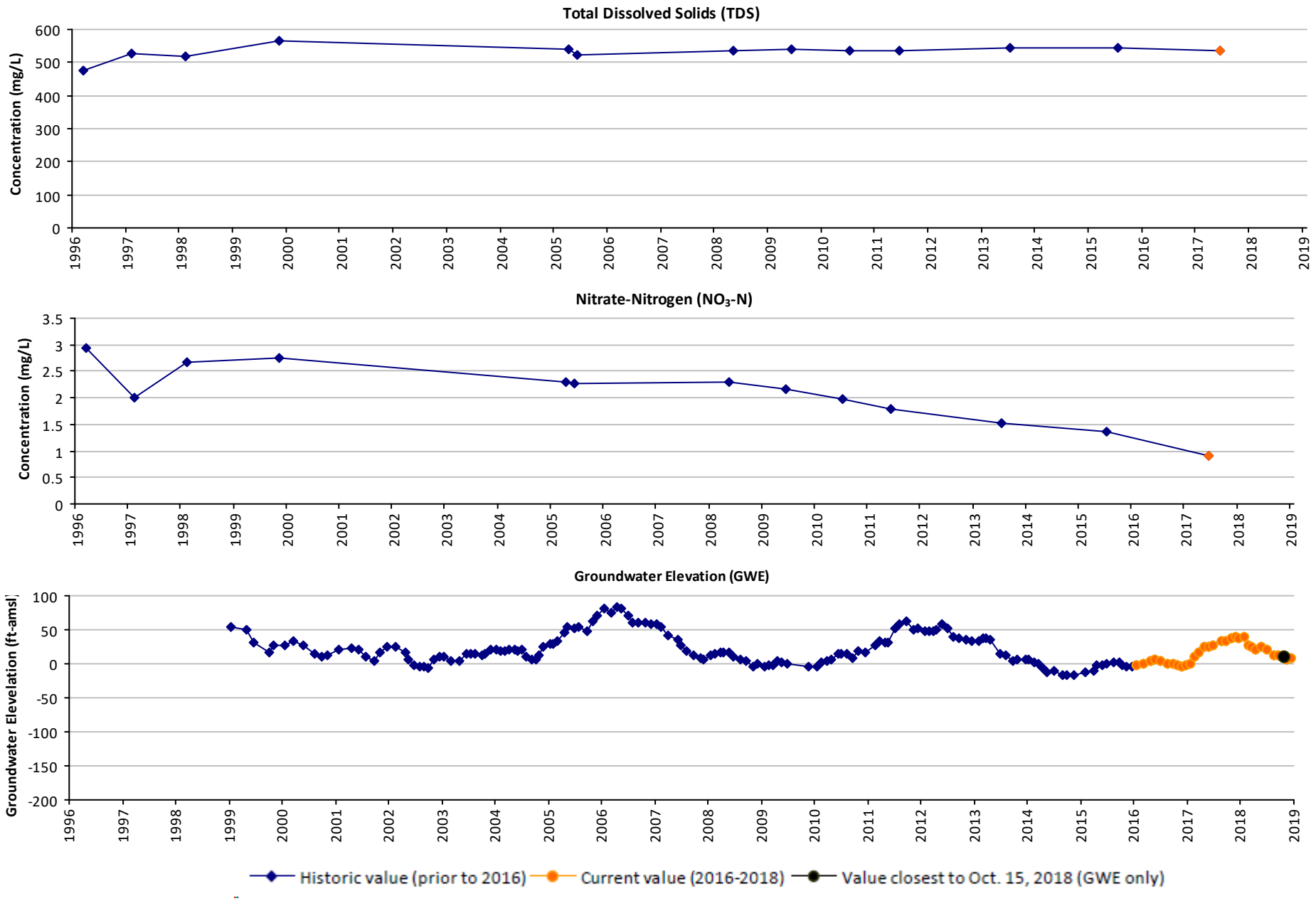

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

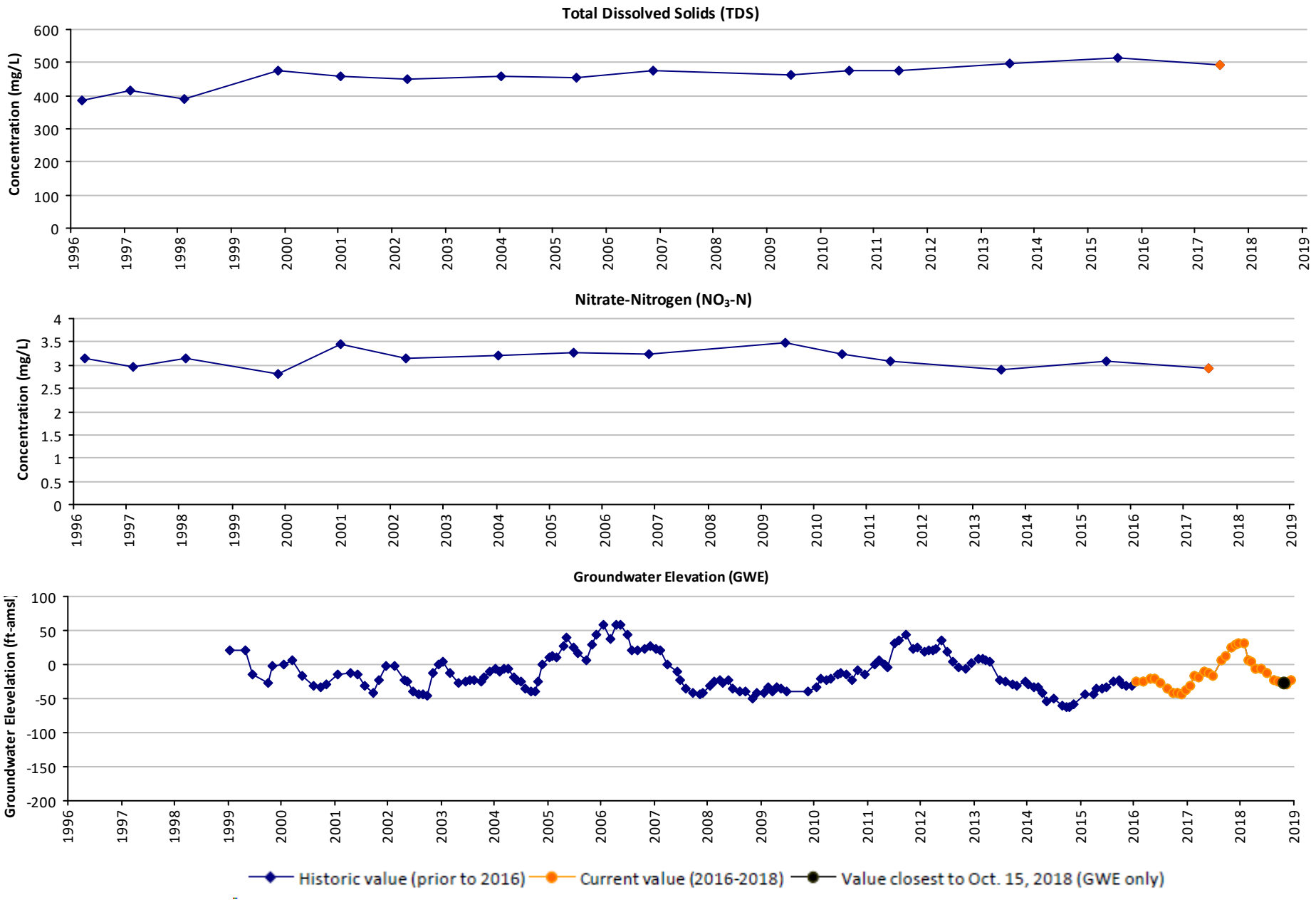

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

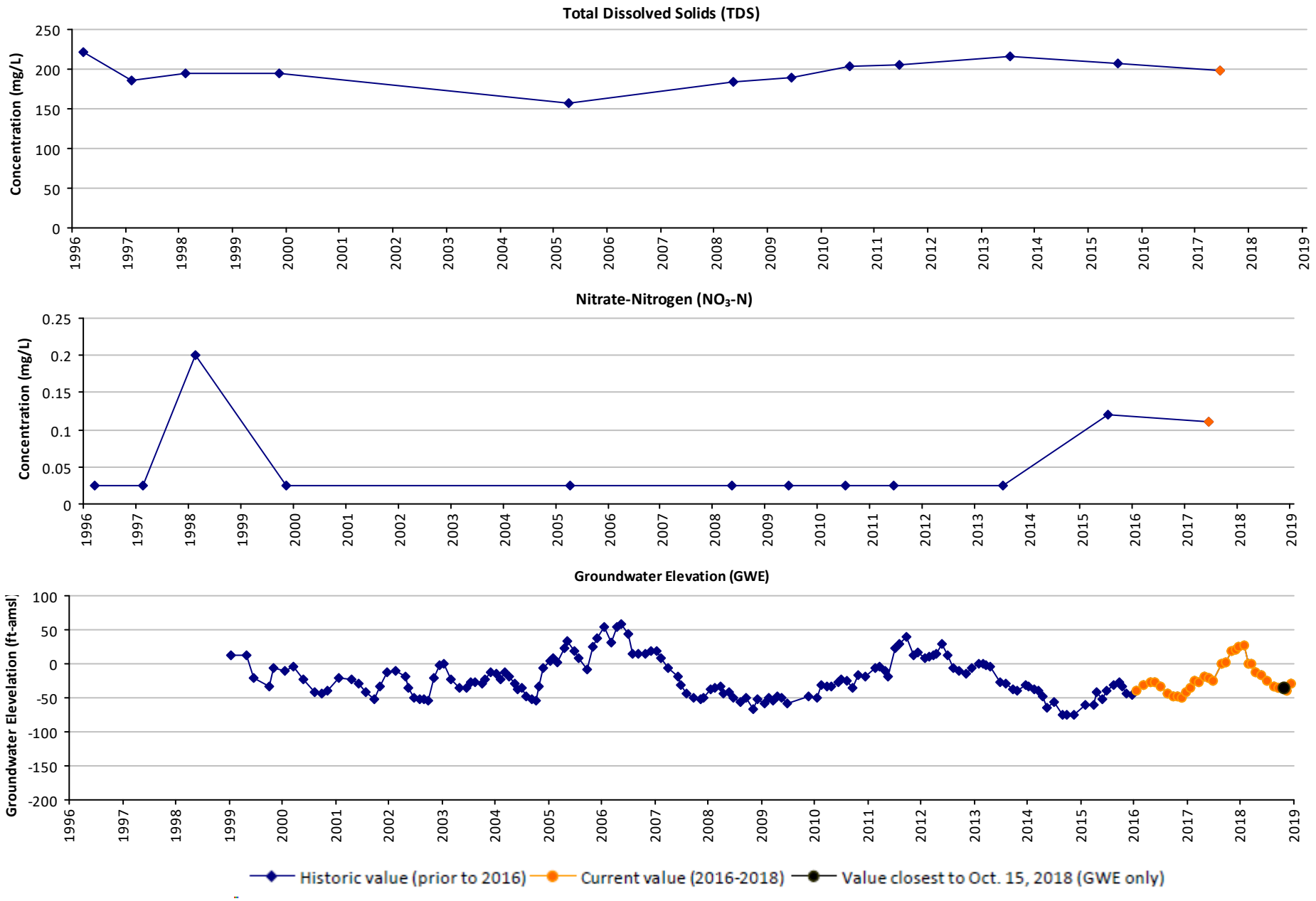

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

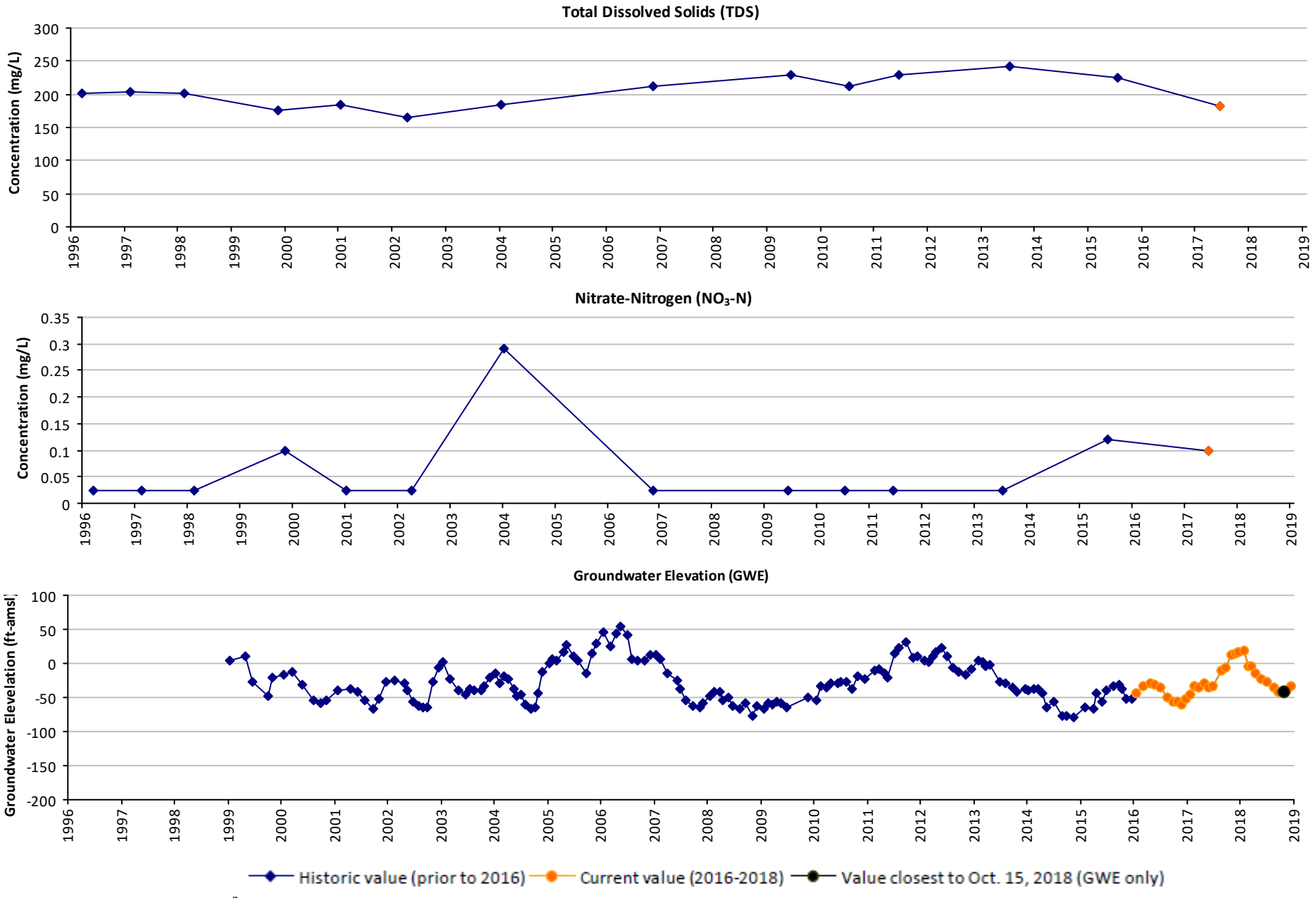

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

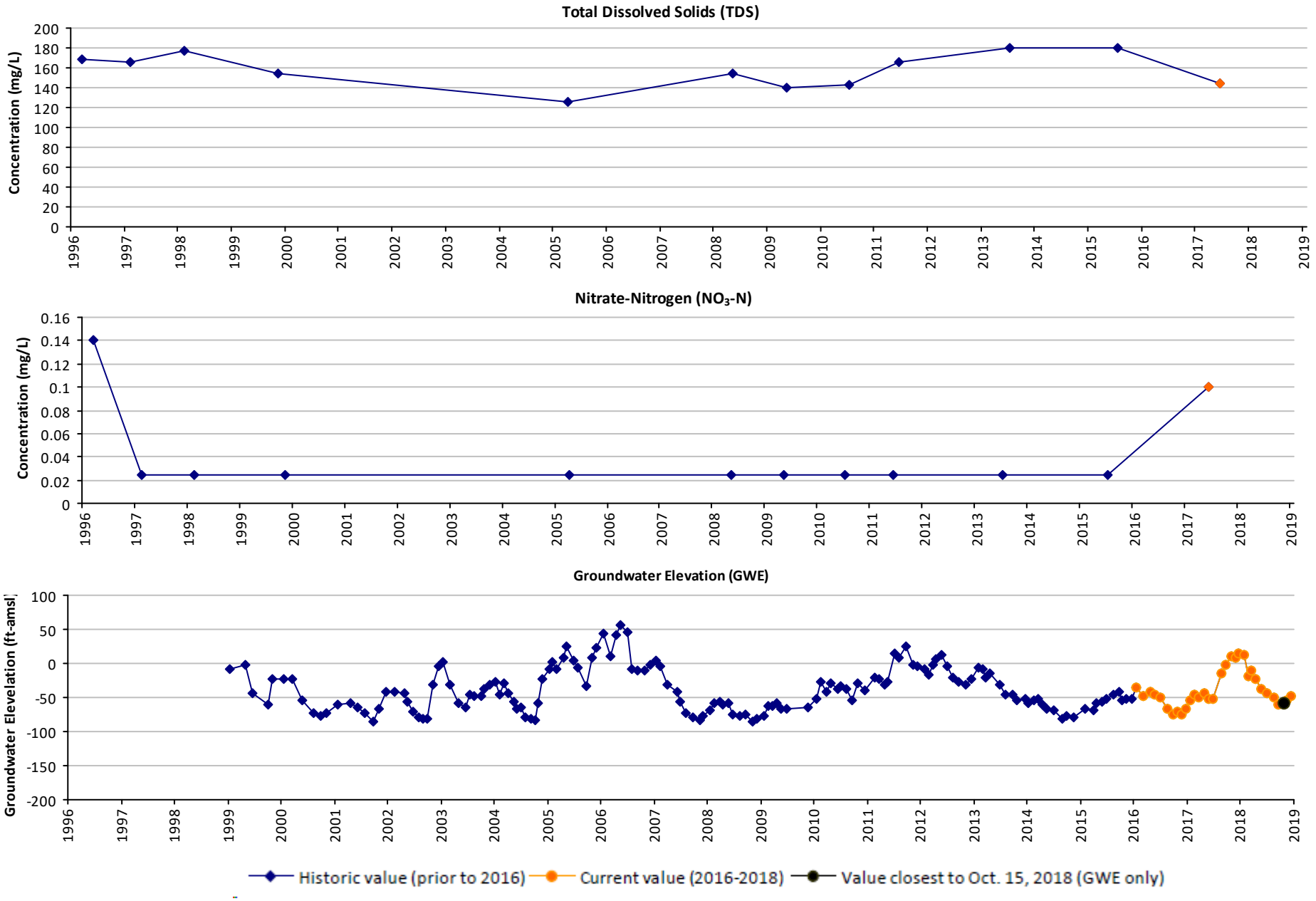

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

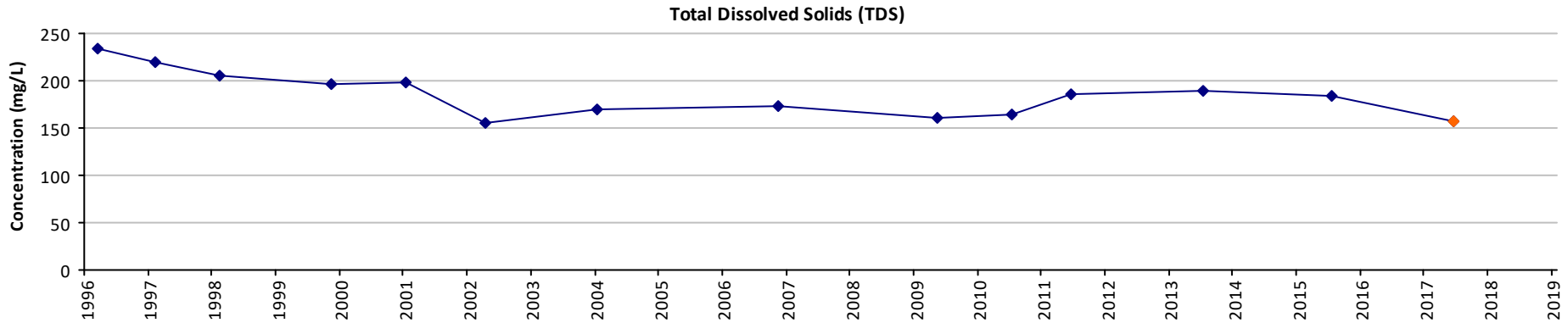

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

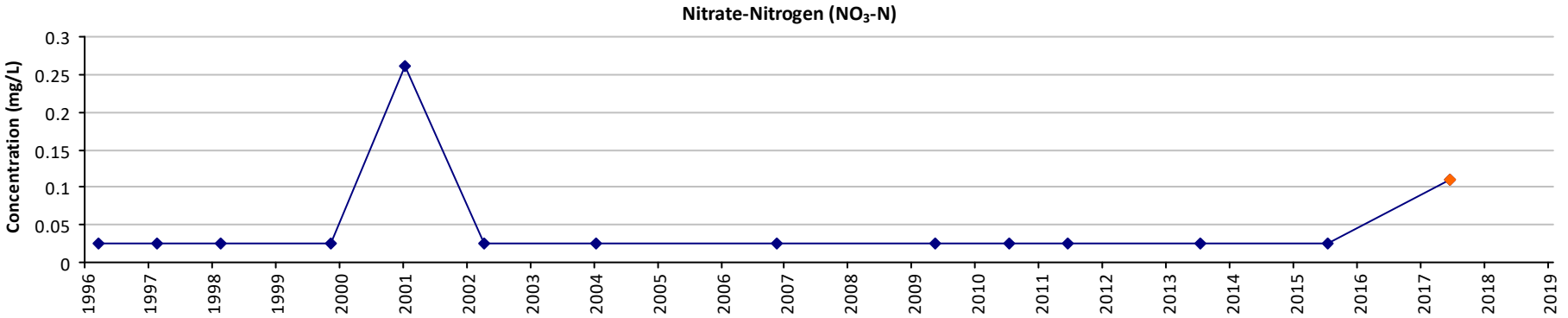

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

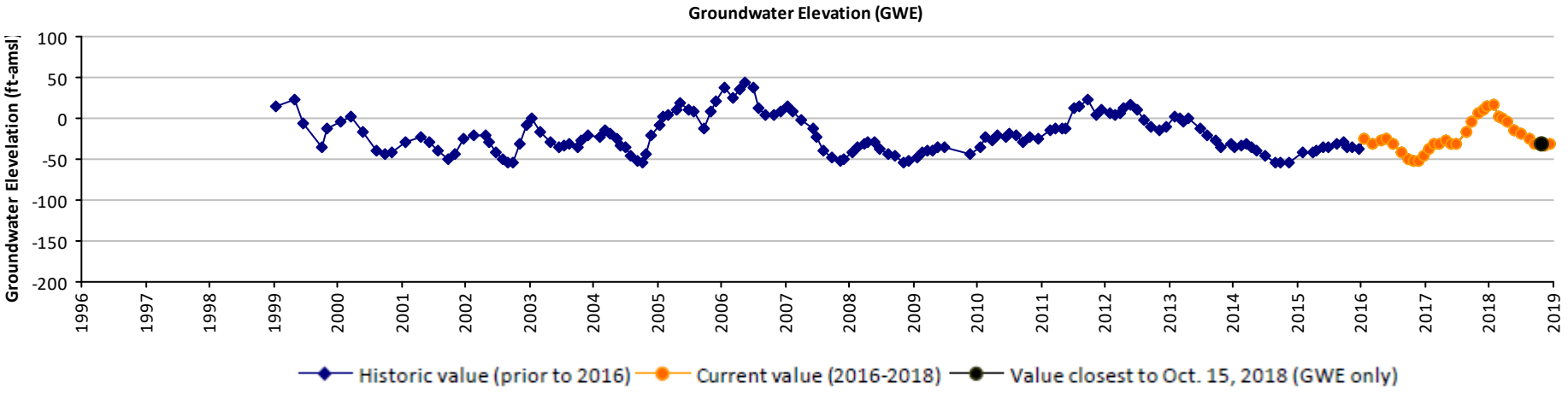

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

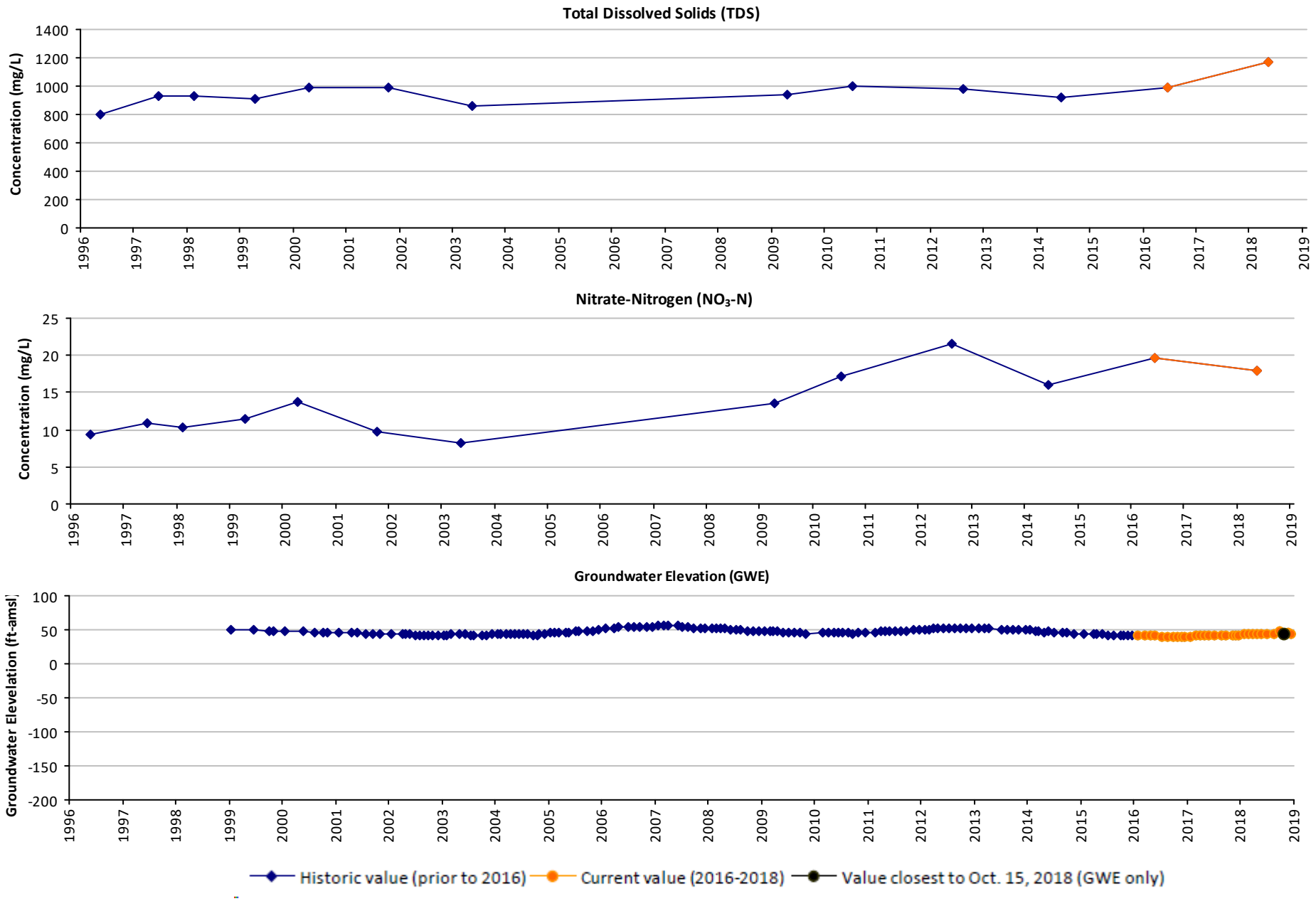
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

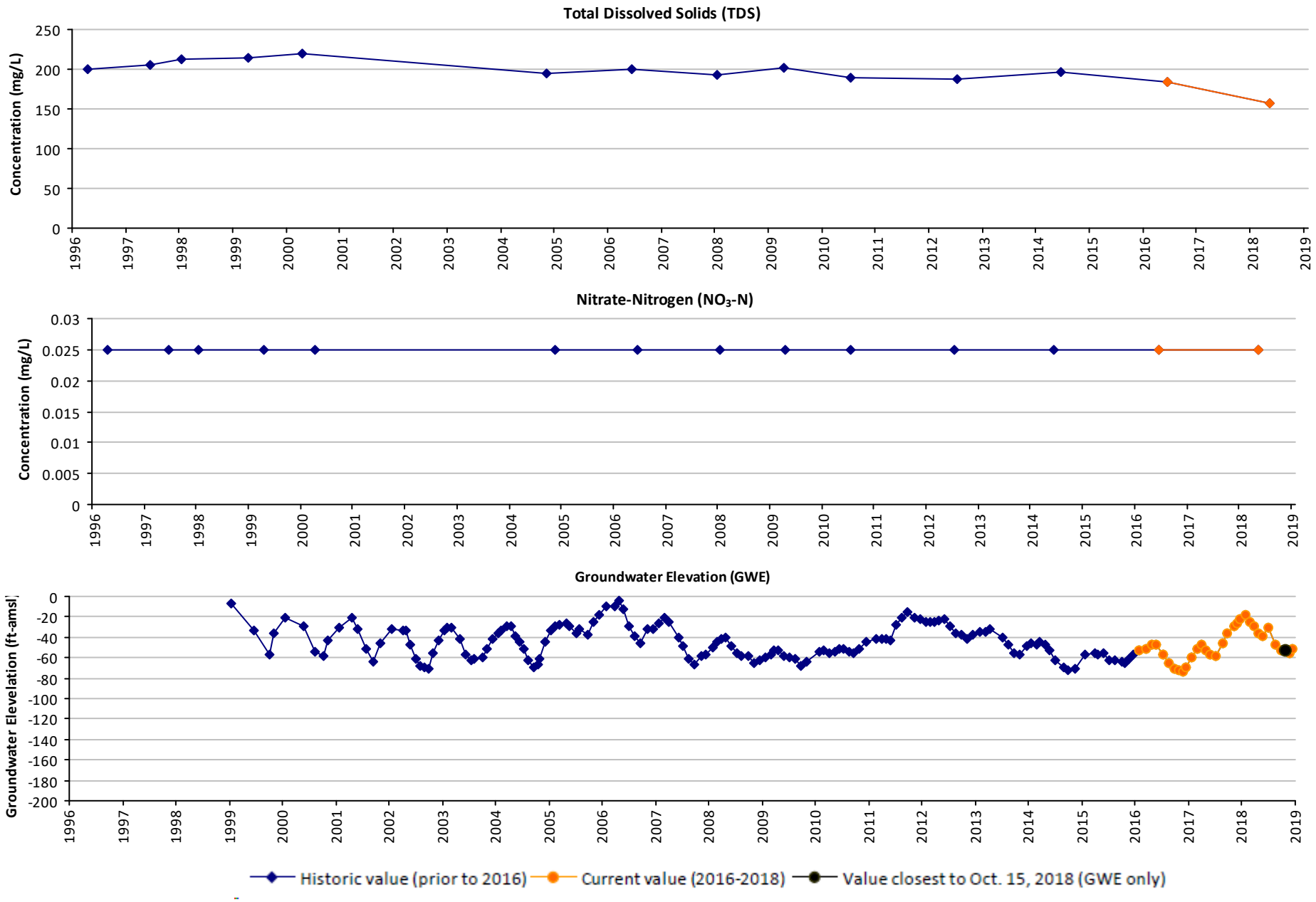
Well ID: 1214911
Management Zone: Orange County

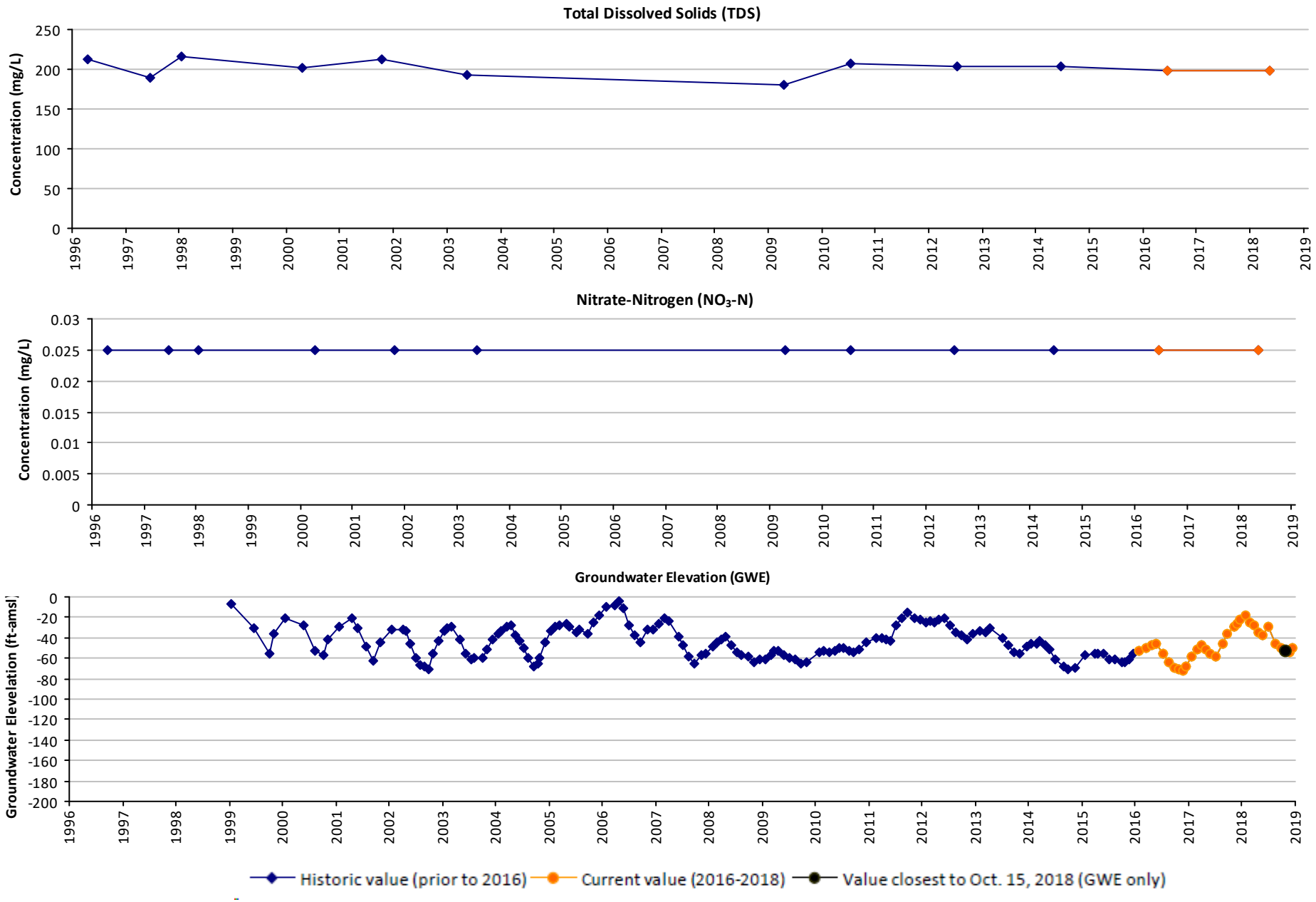


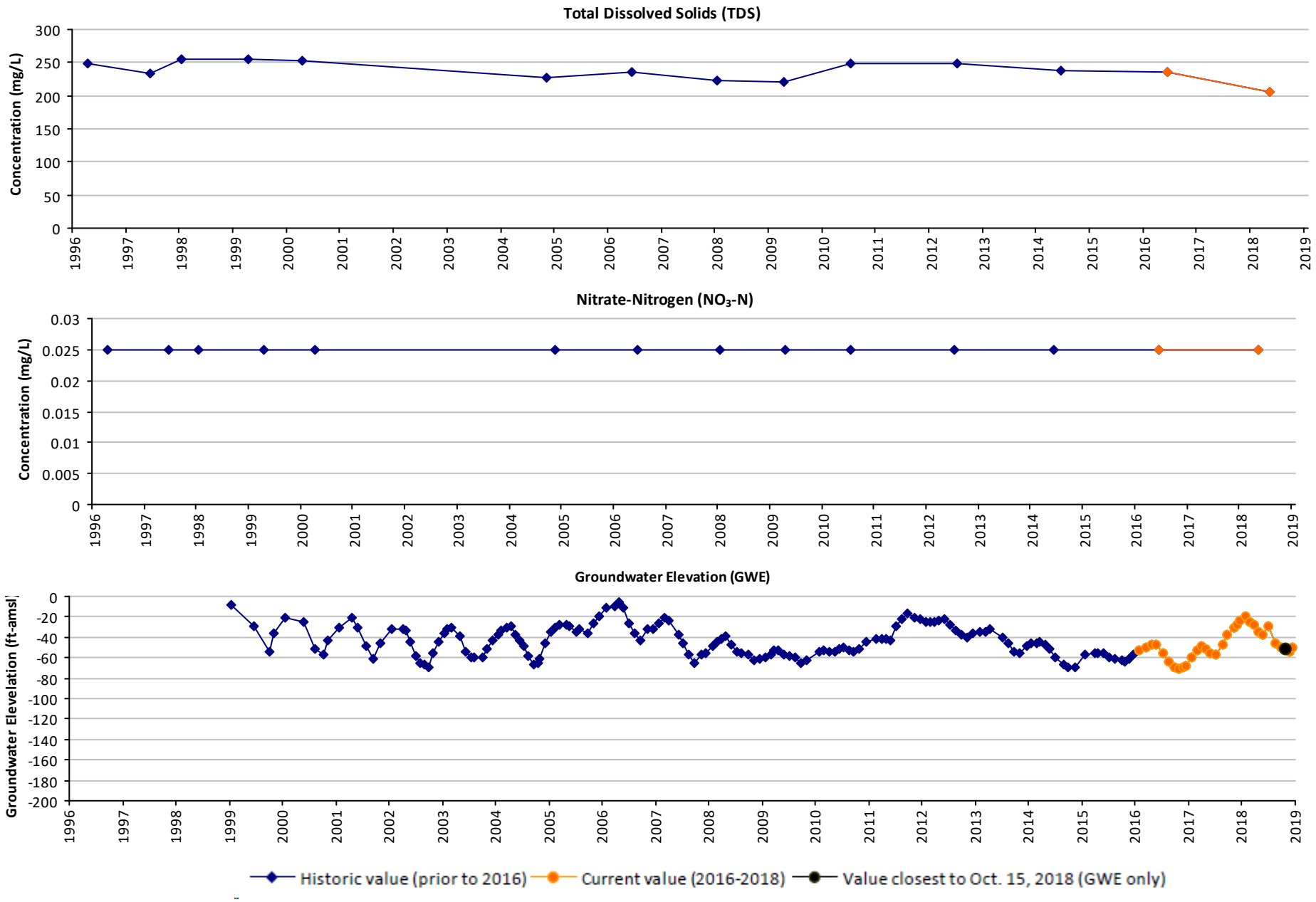


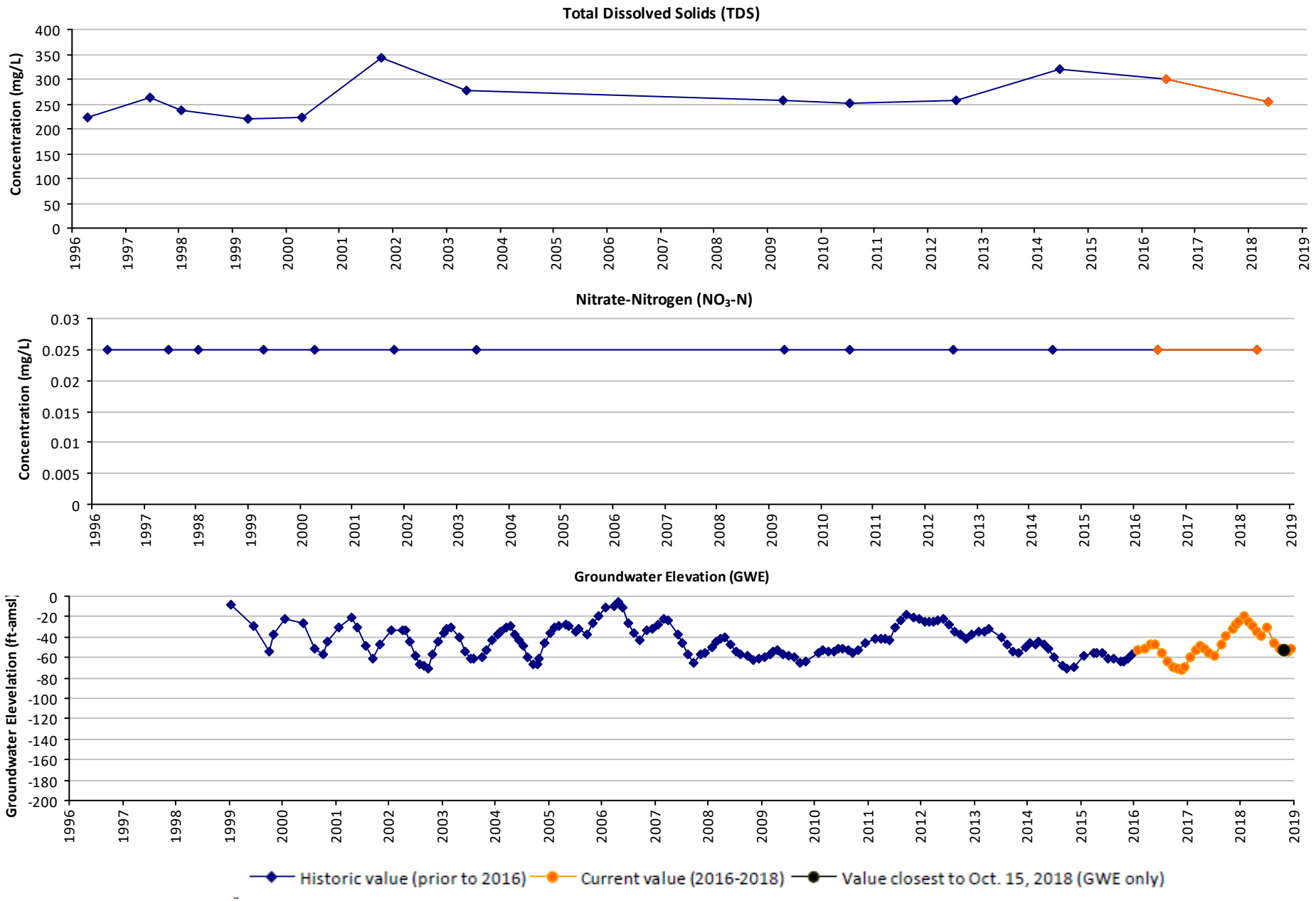


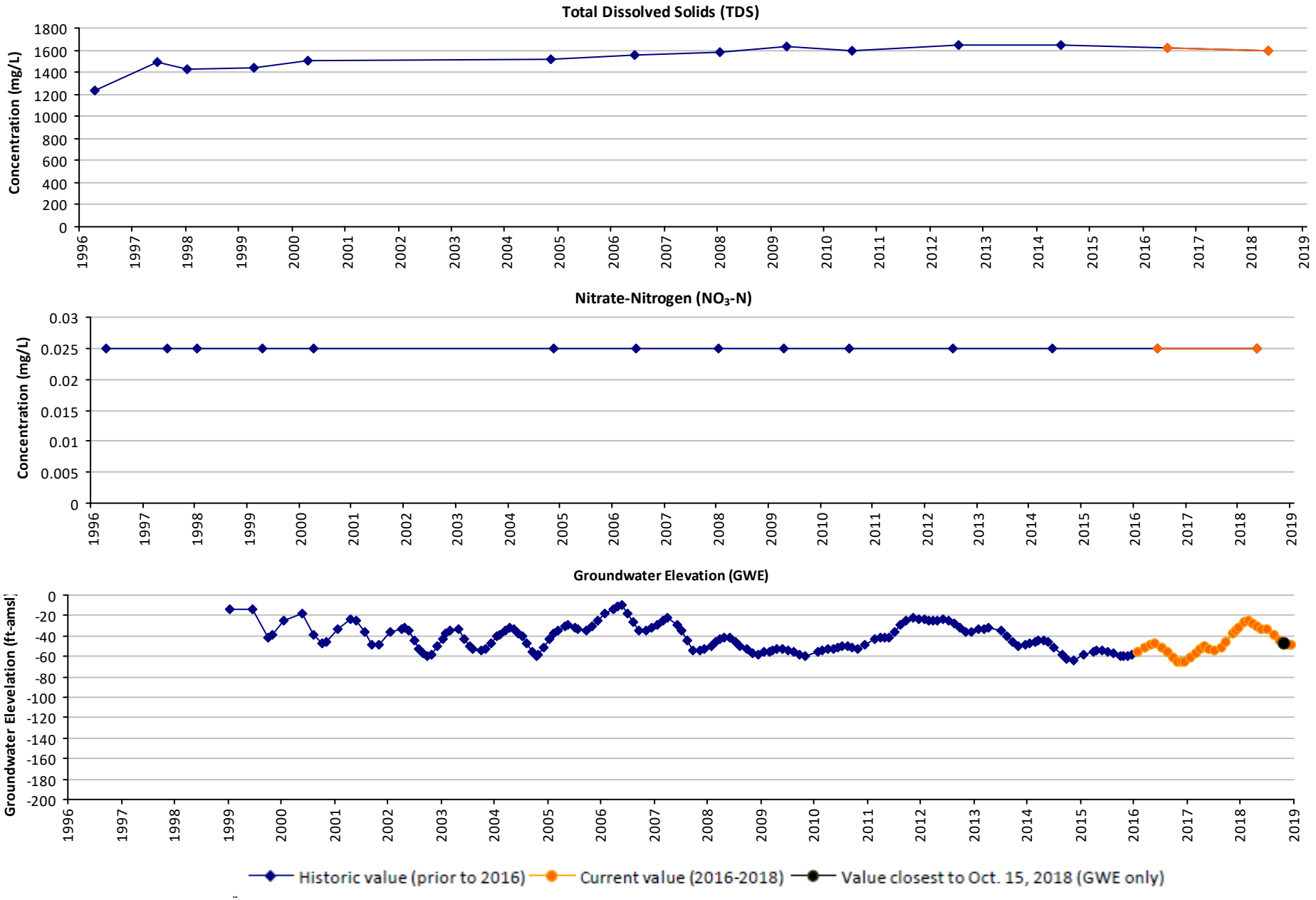

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

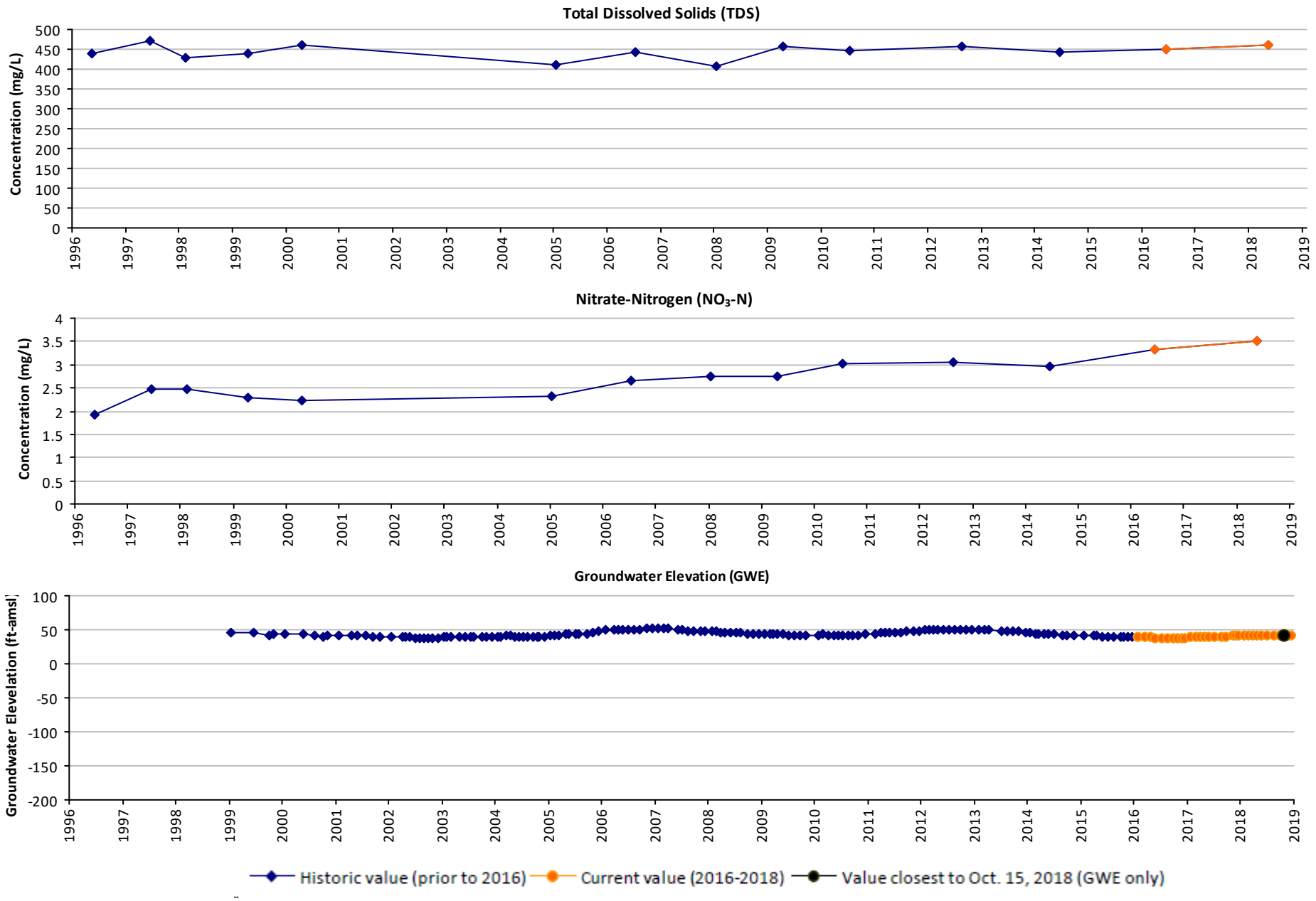

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

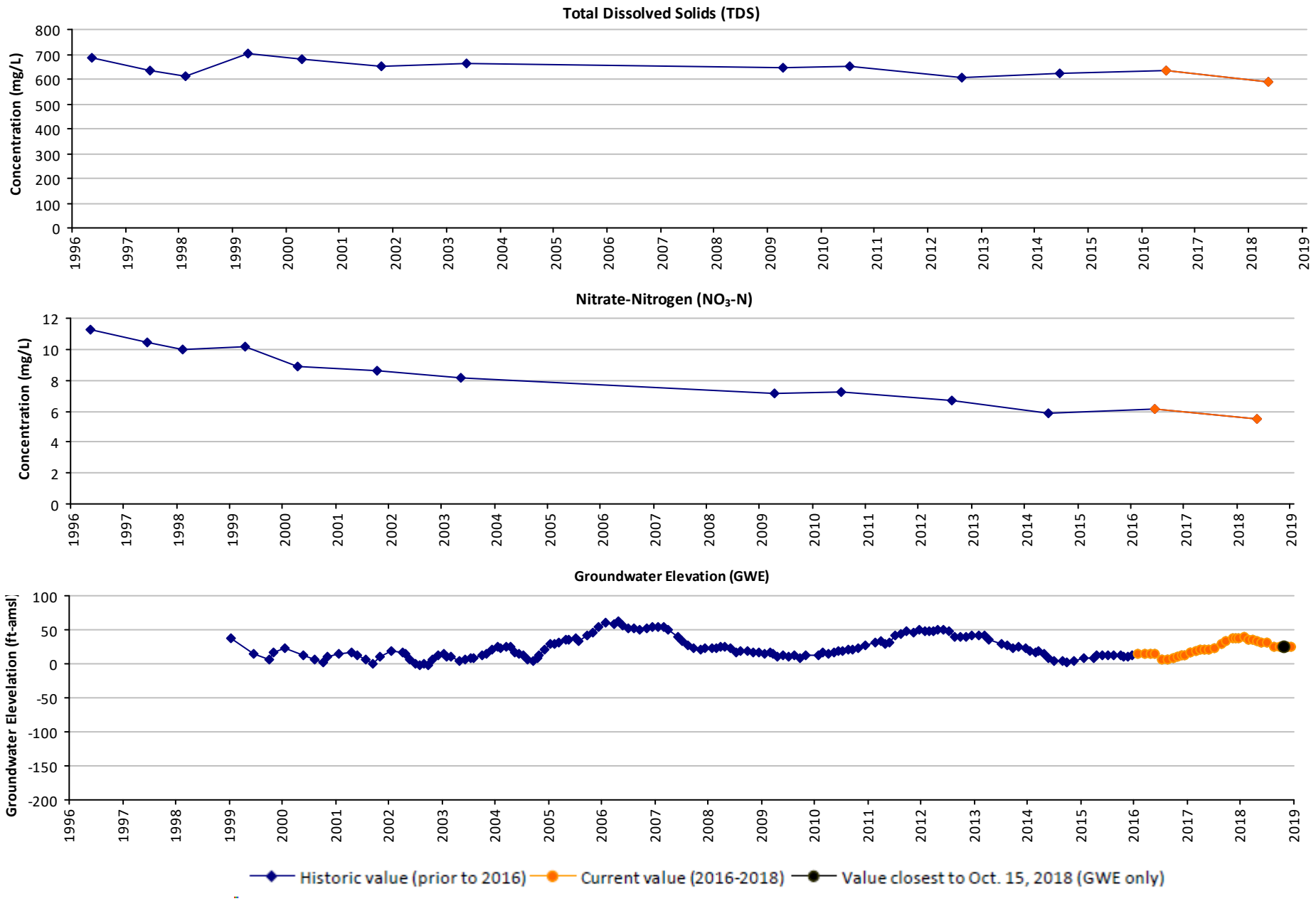

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

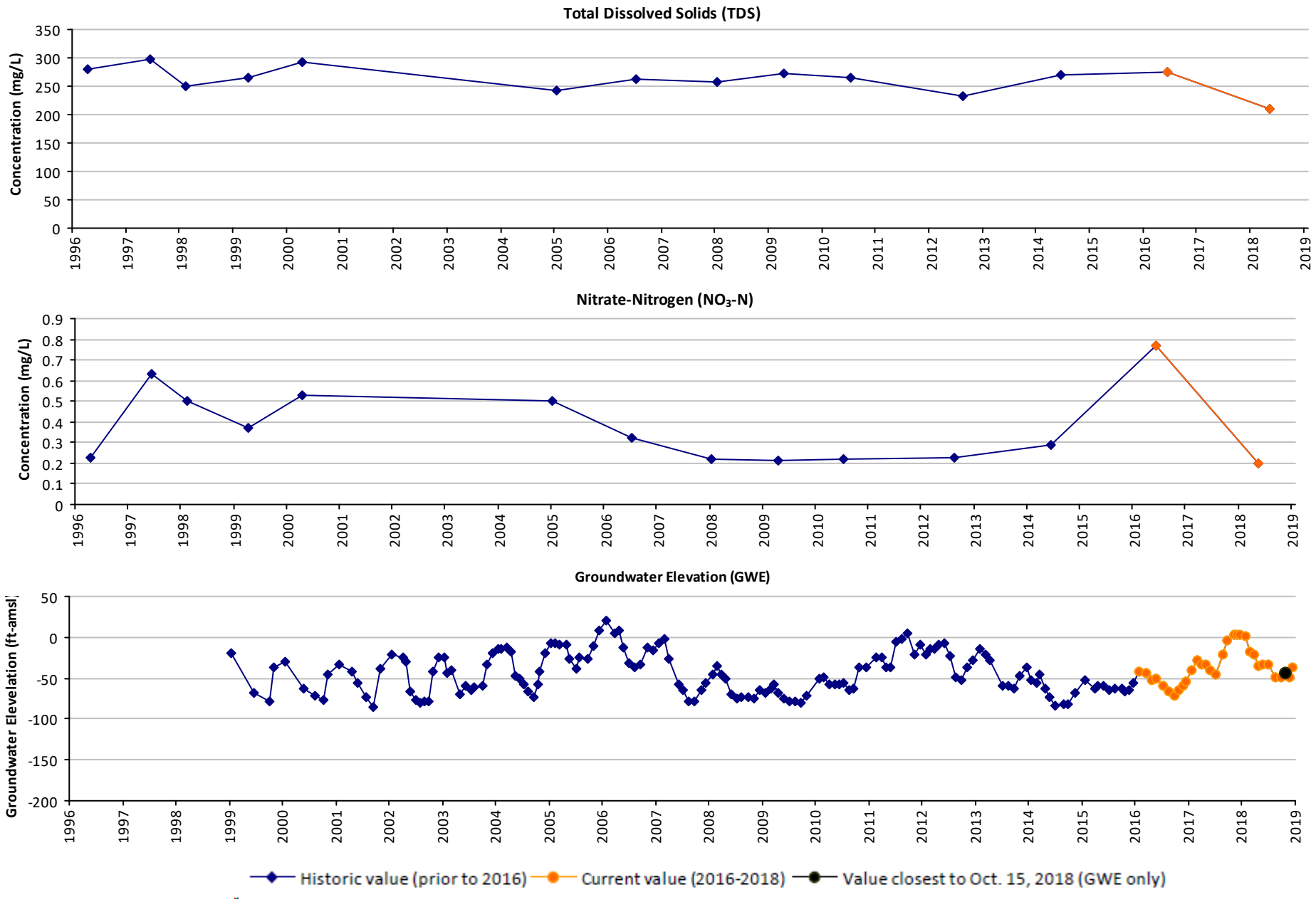

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

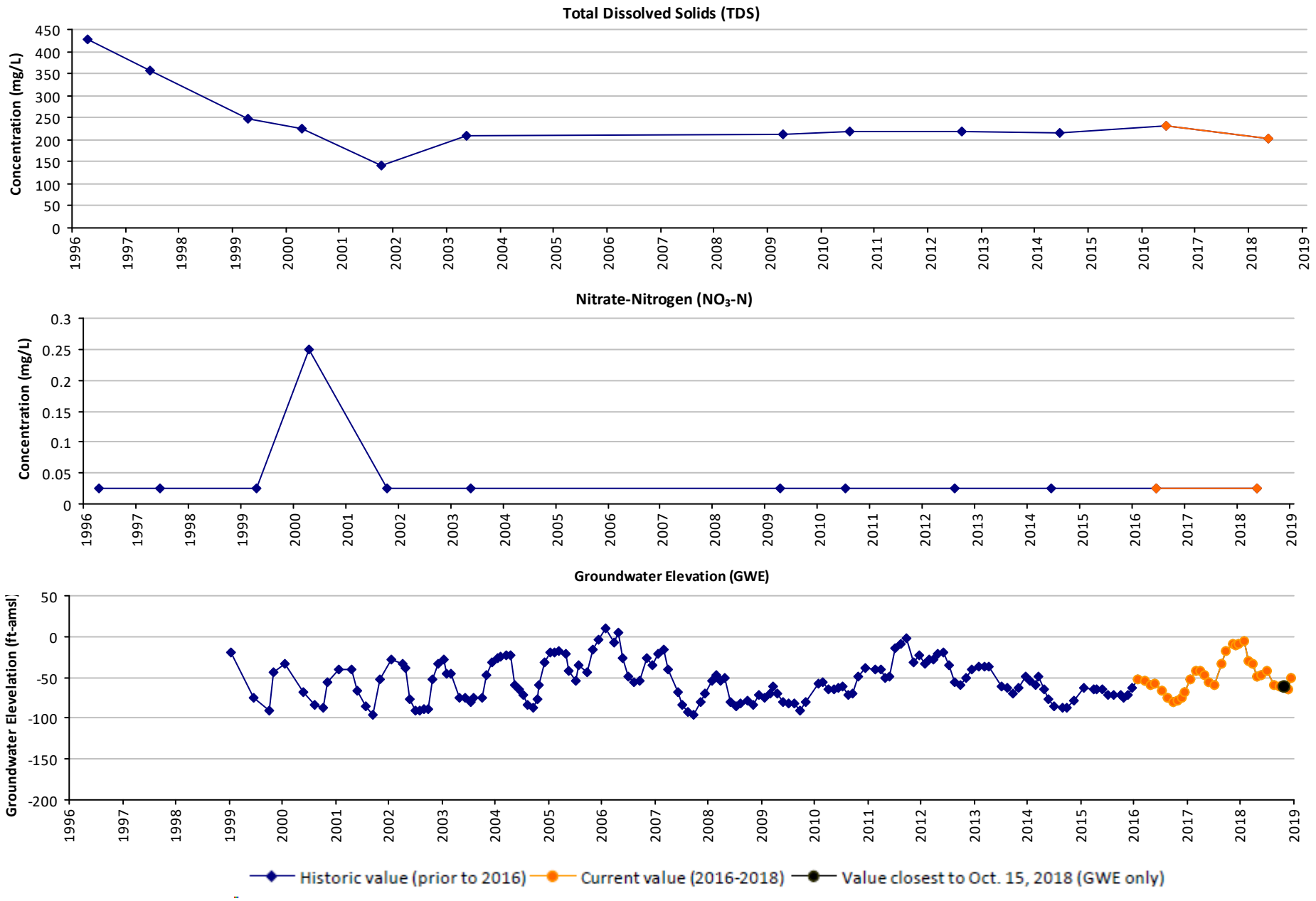

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

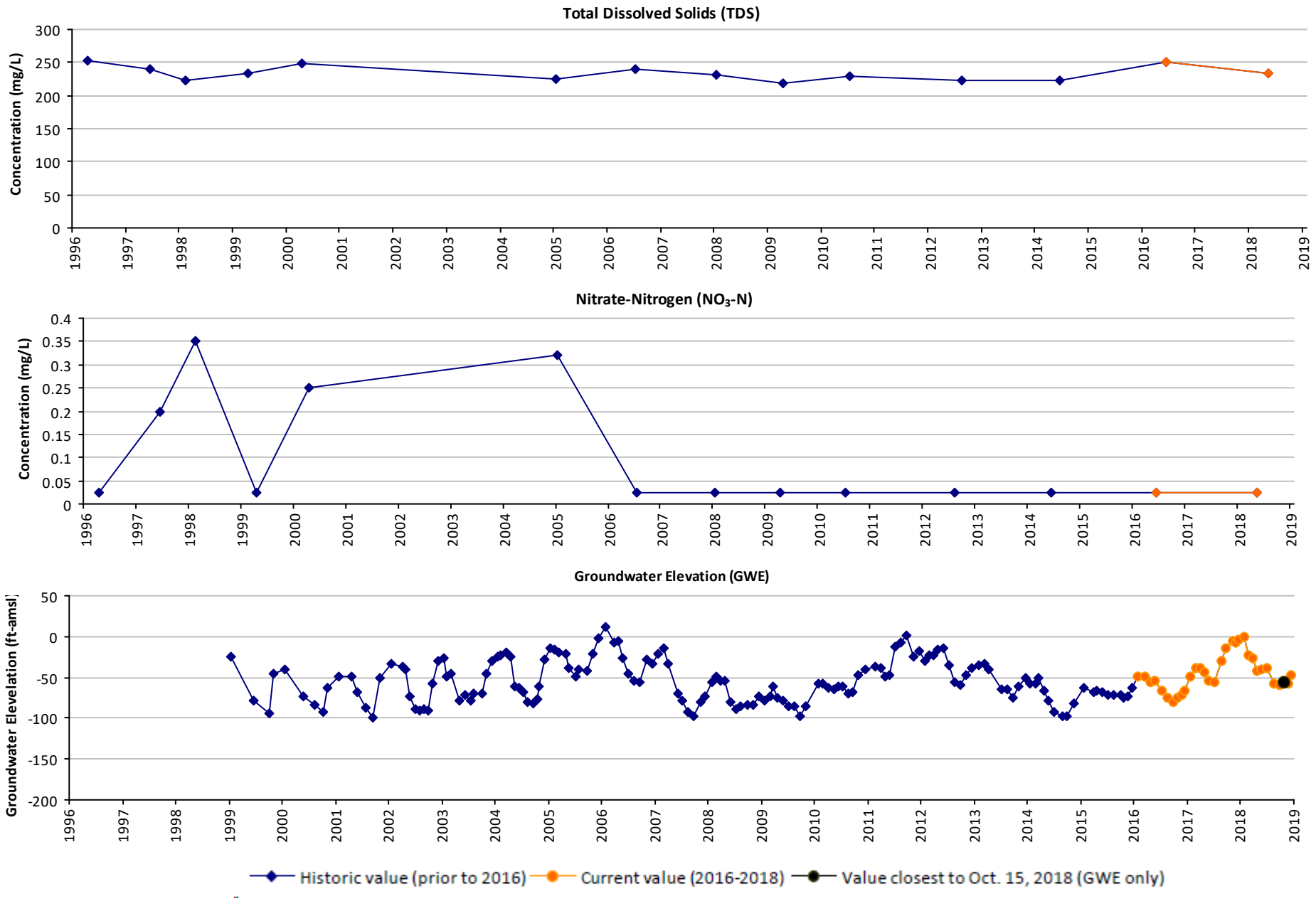

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

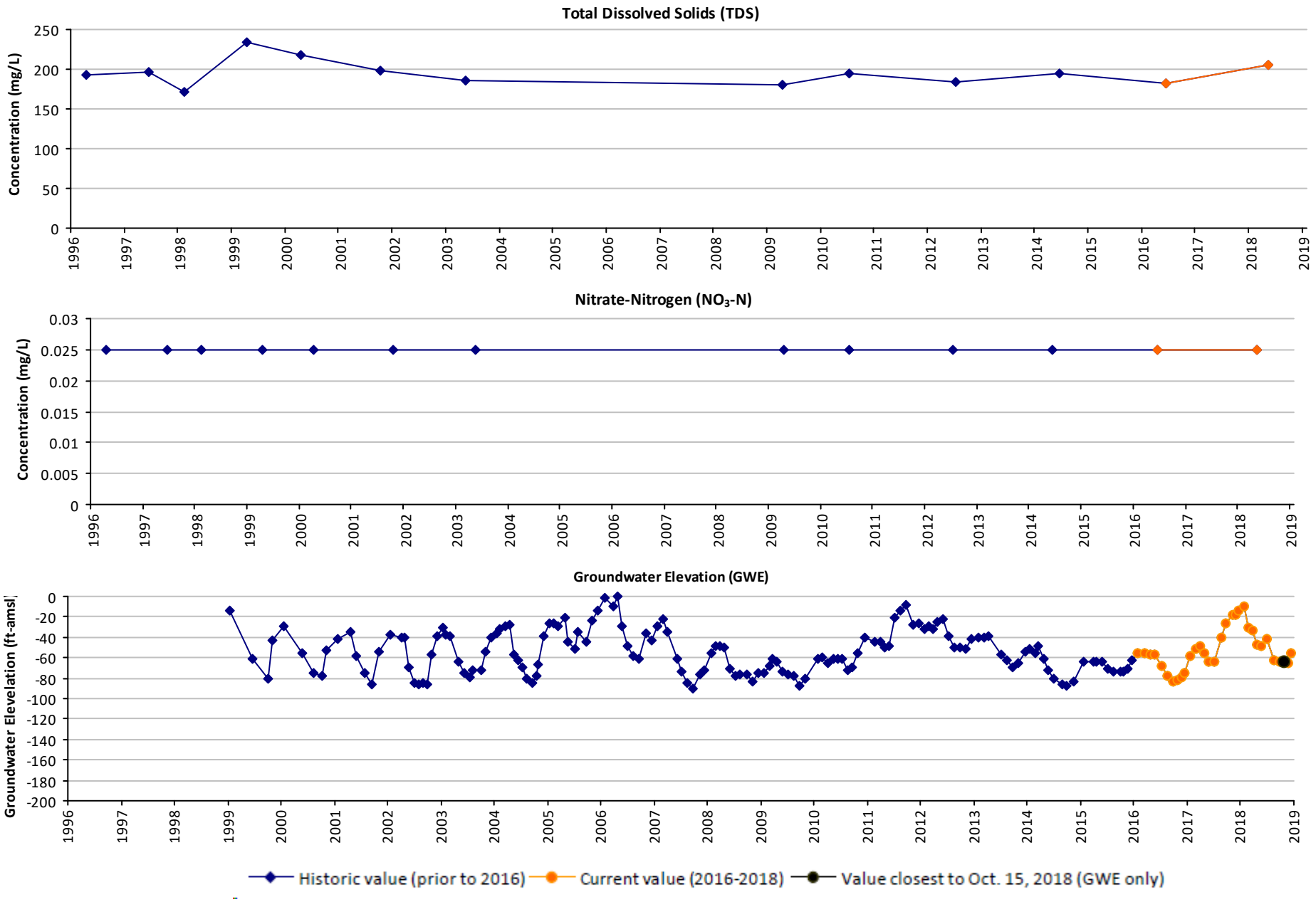

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

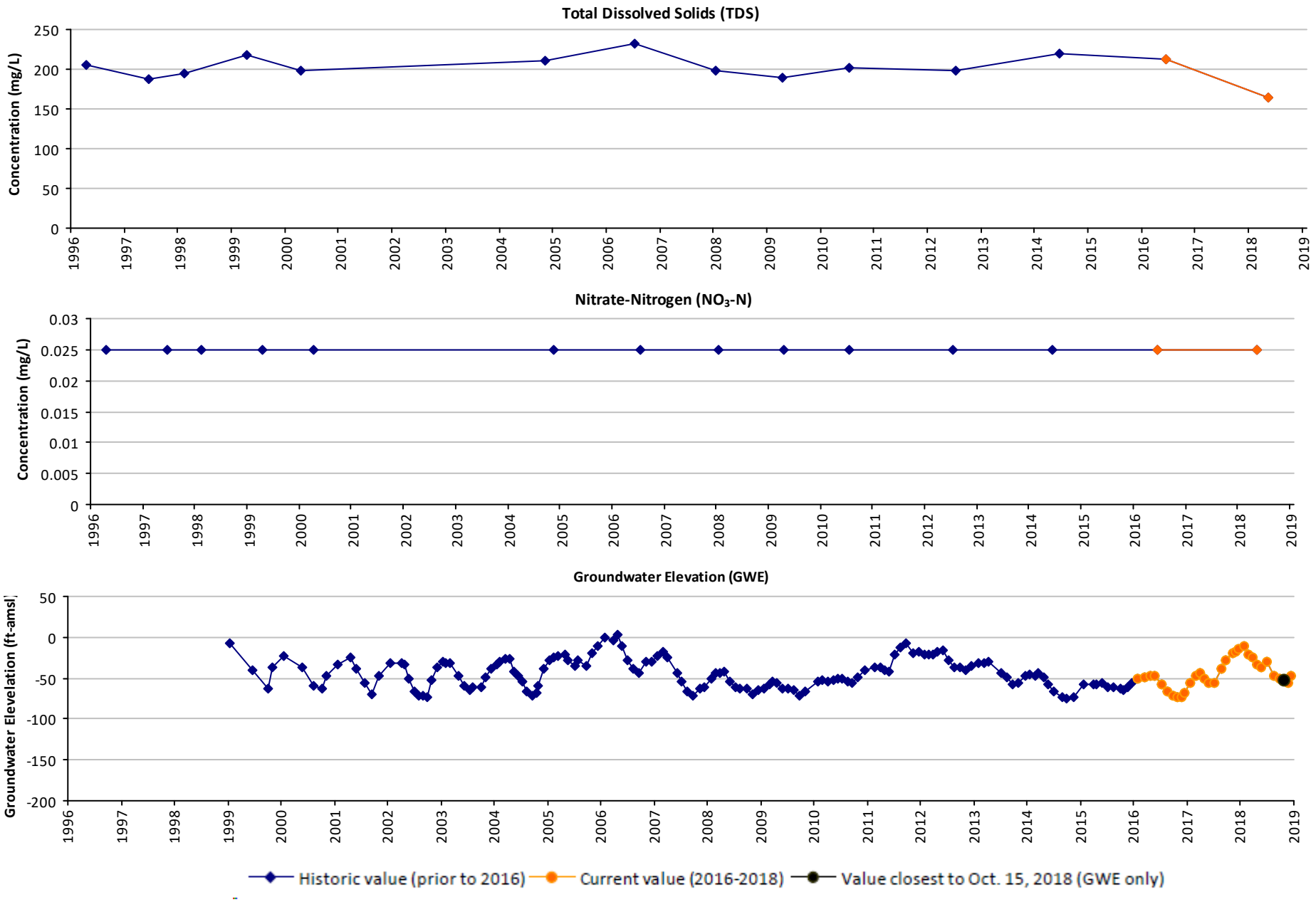

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

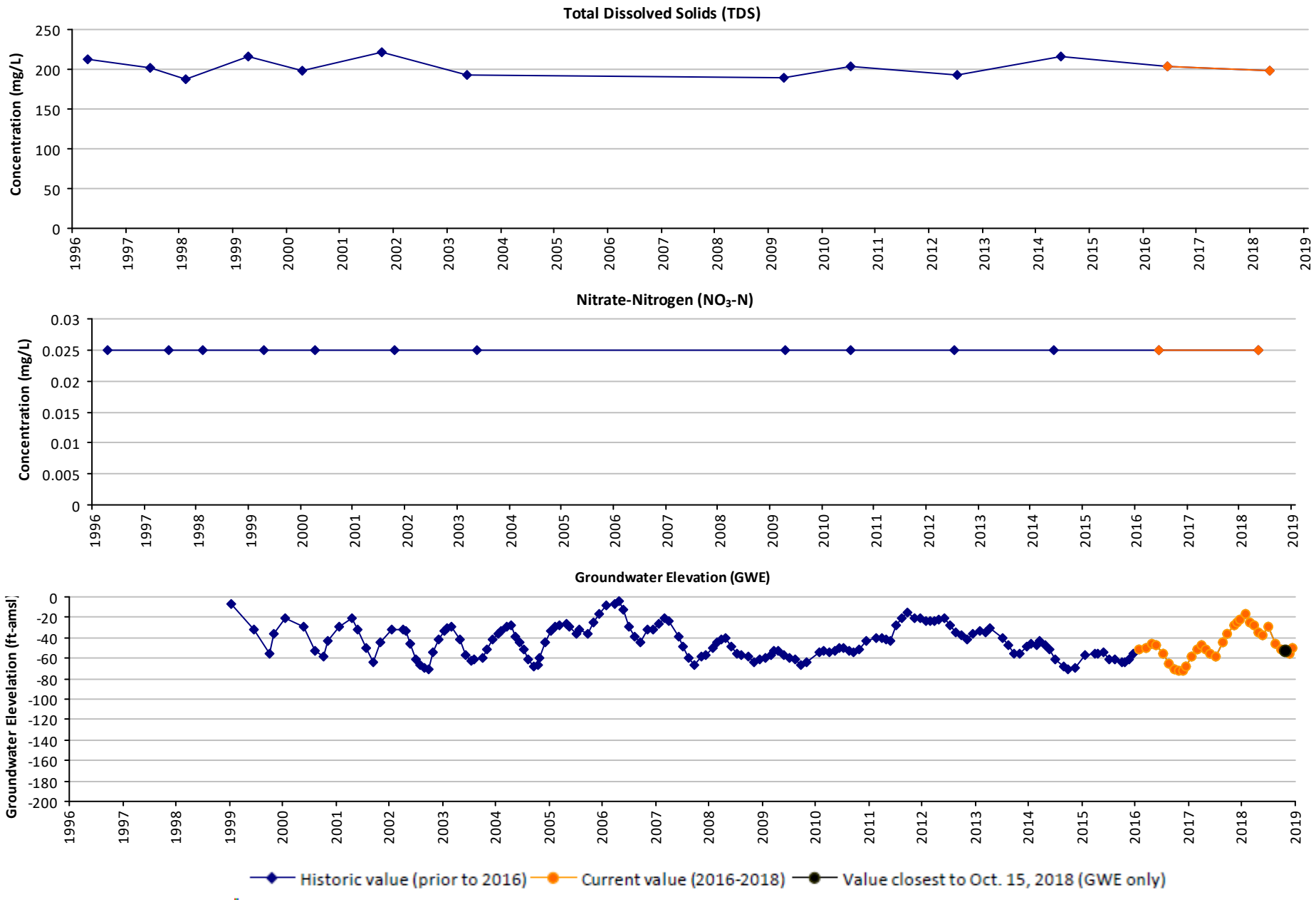

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

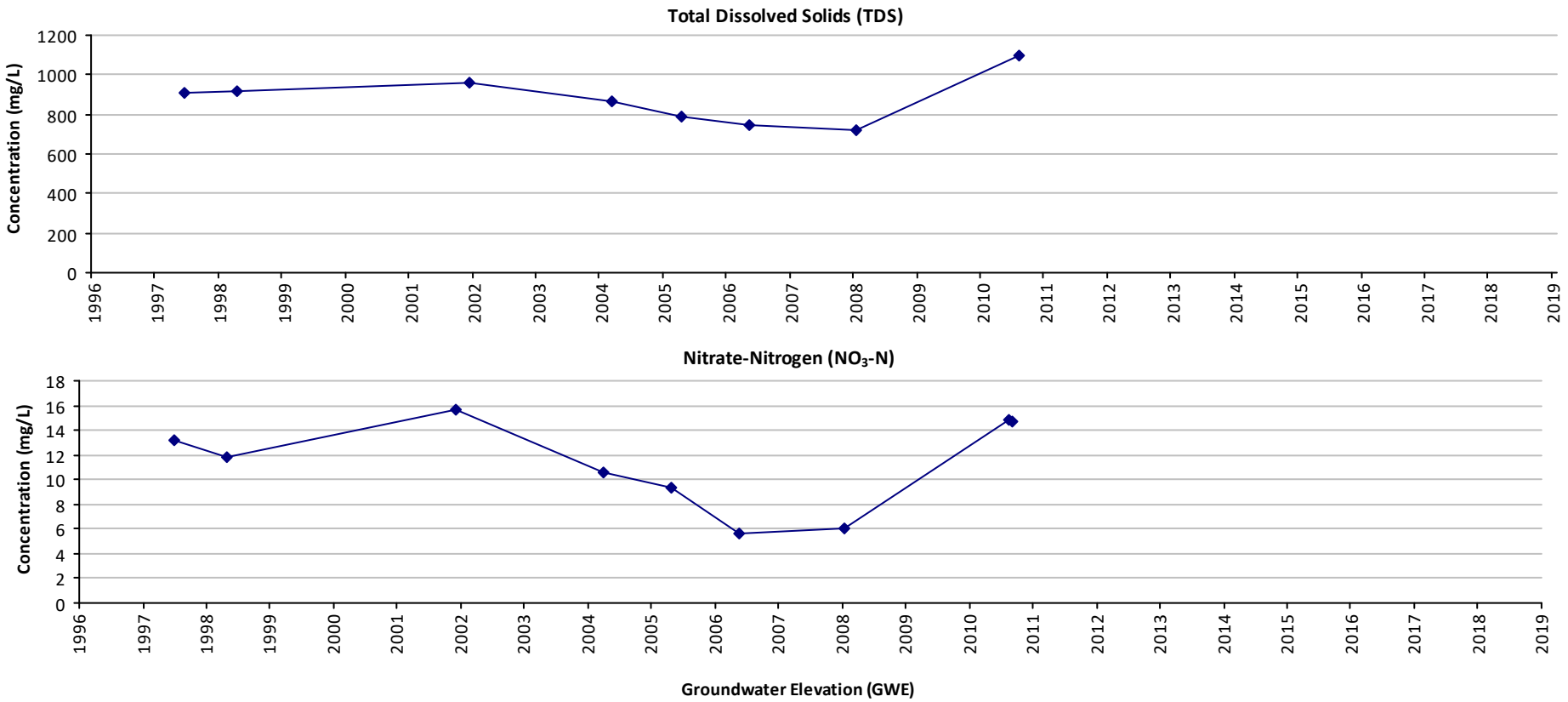

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

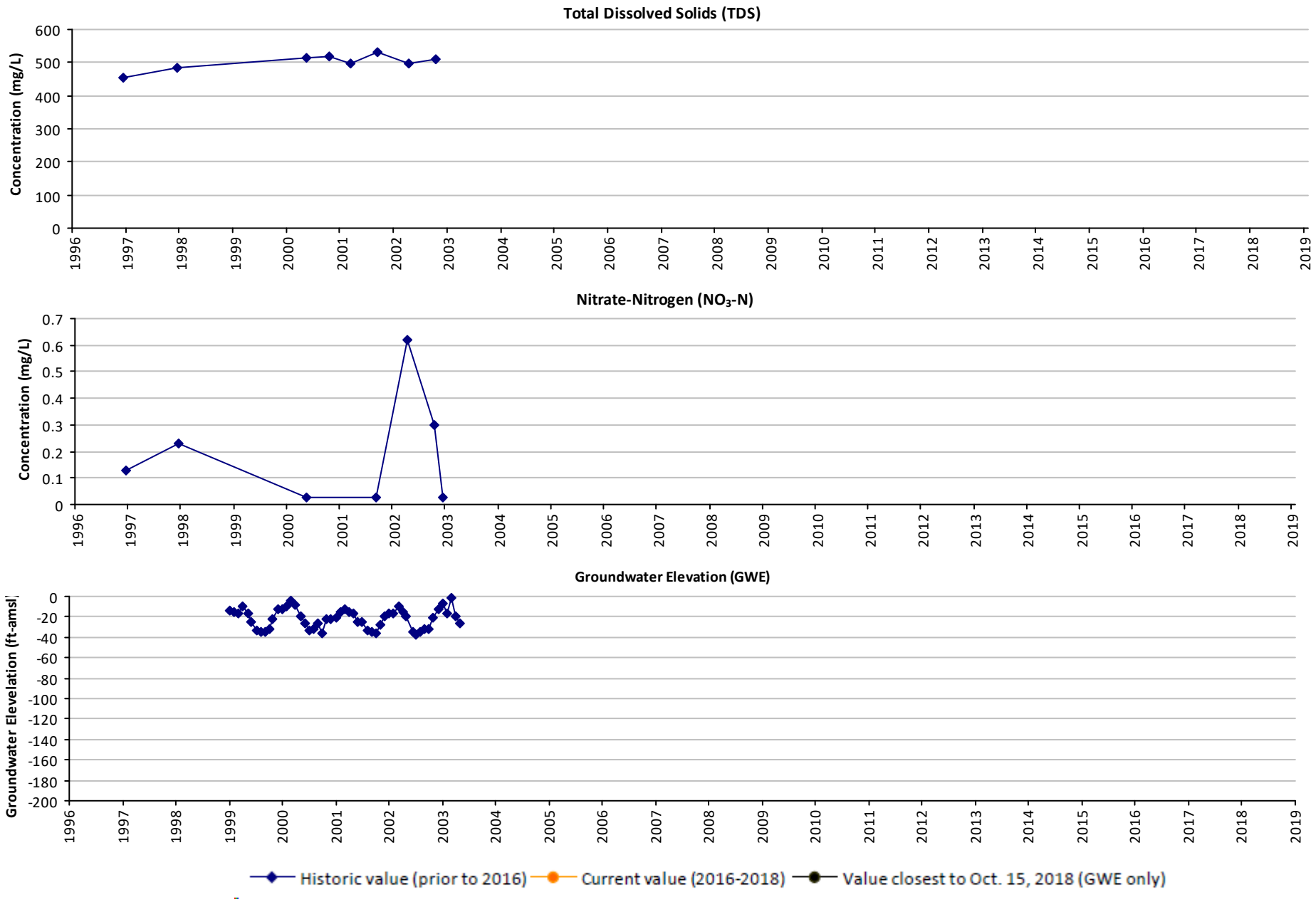

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

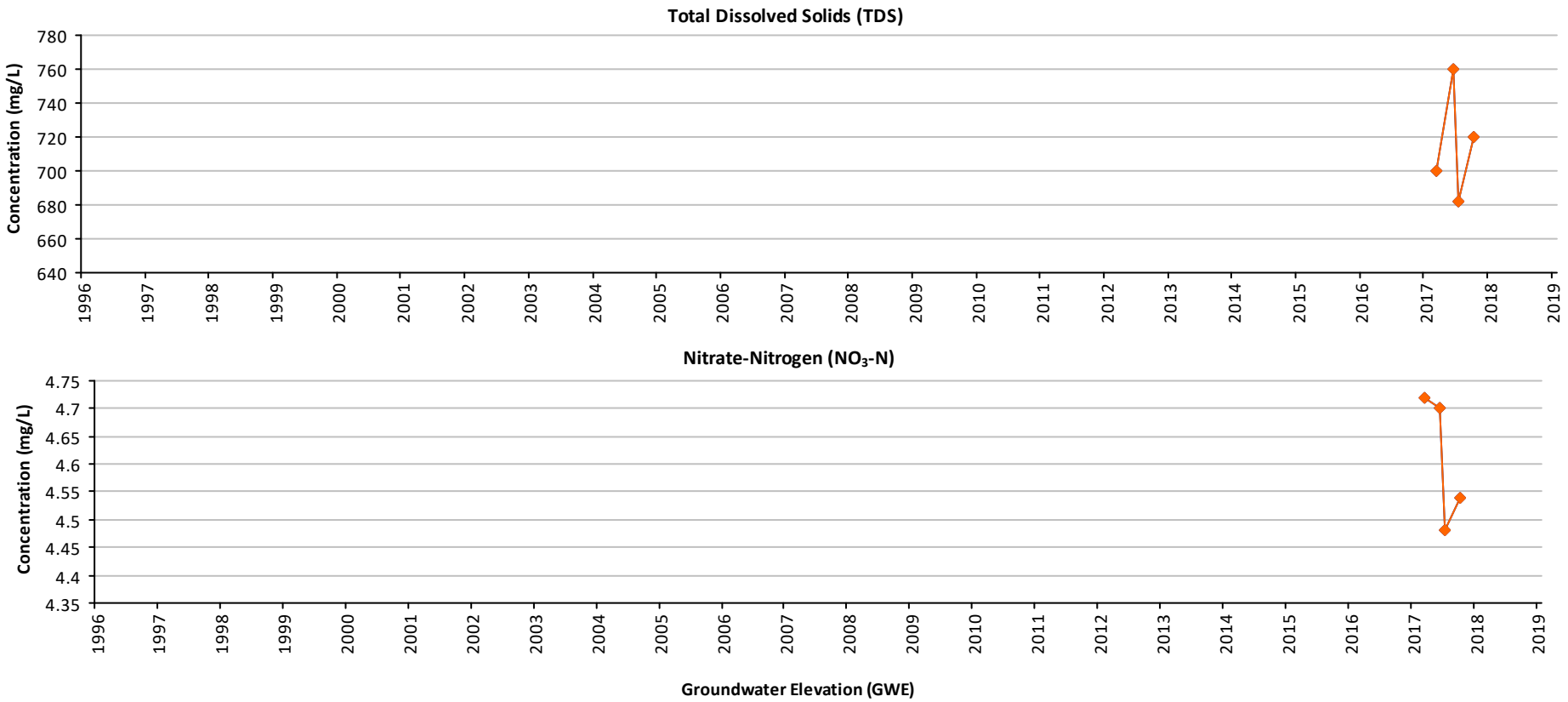

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

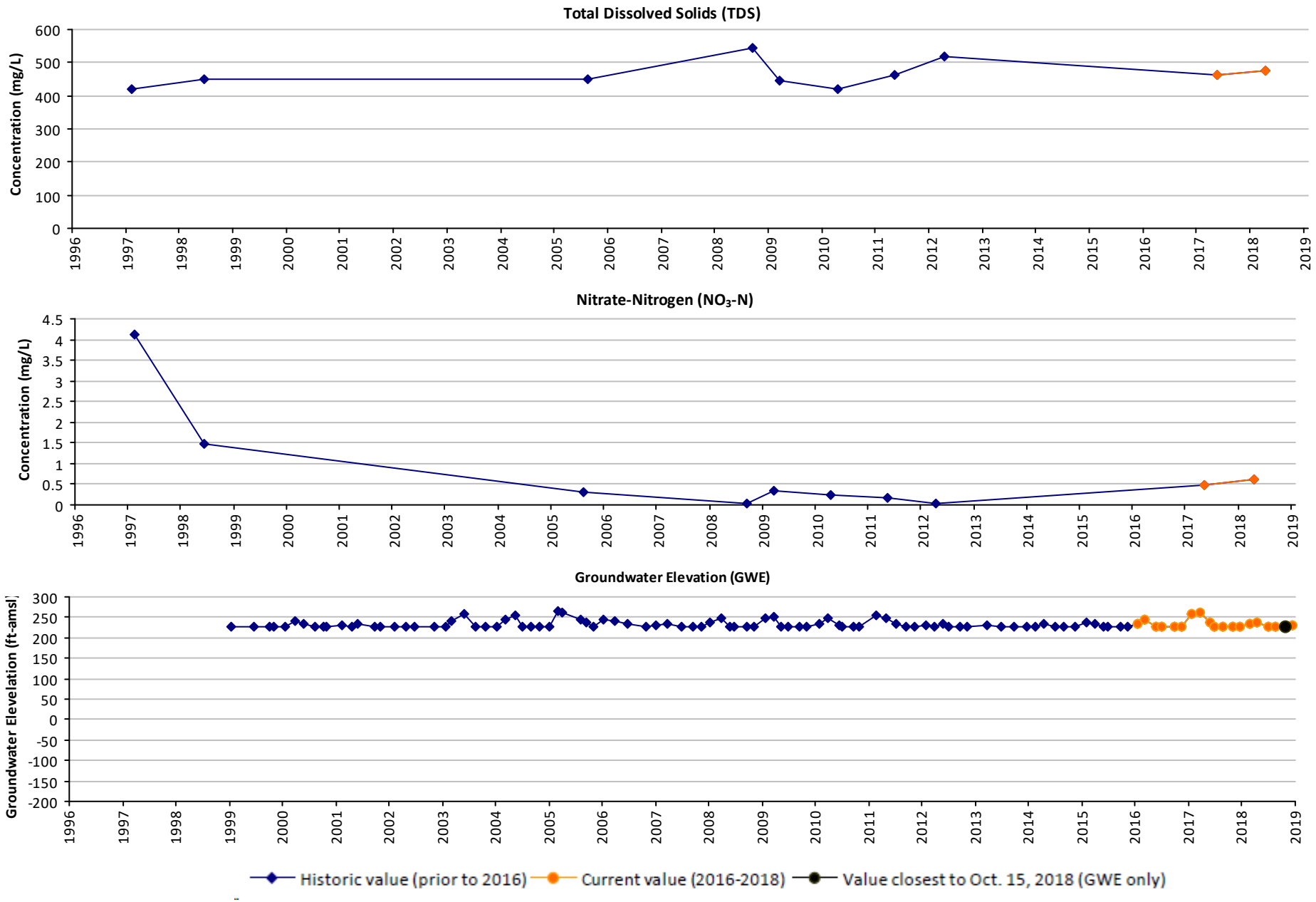

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

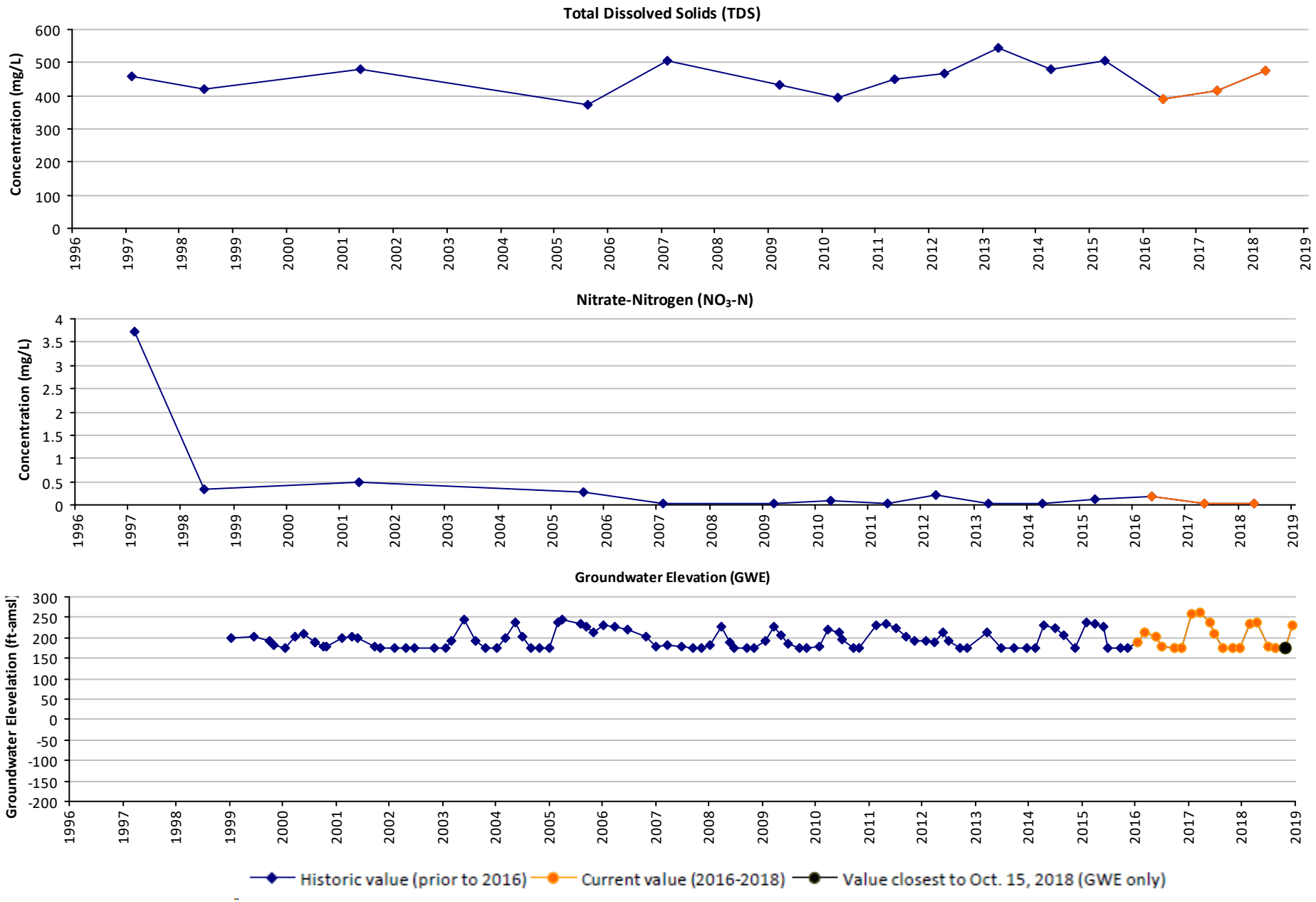

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
780
760
740
720
700
680
660
640
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.75
4.7
4.65
4.6
4.55
4.5
4.45
4.4
4.35
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
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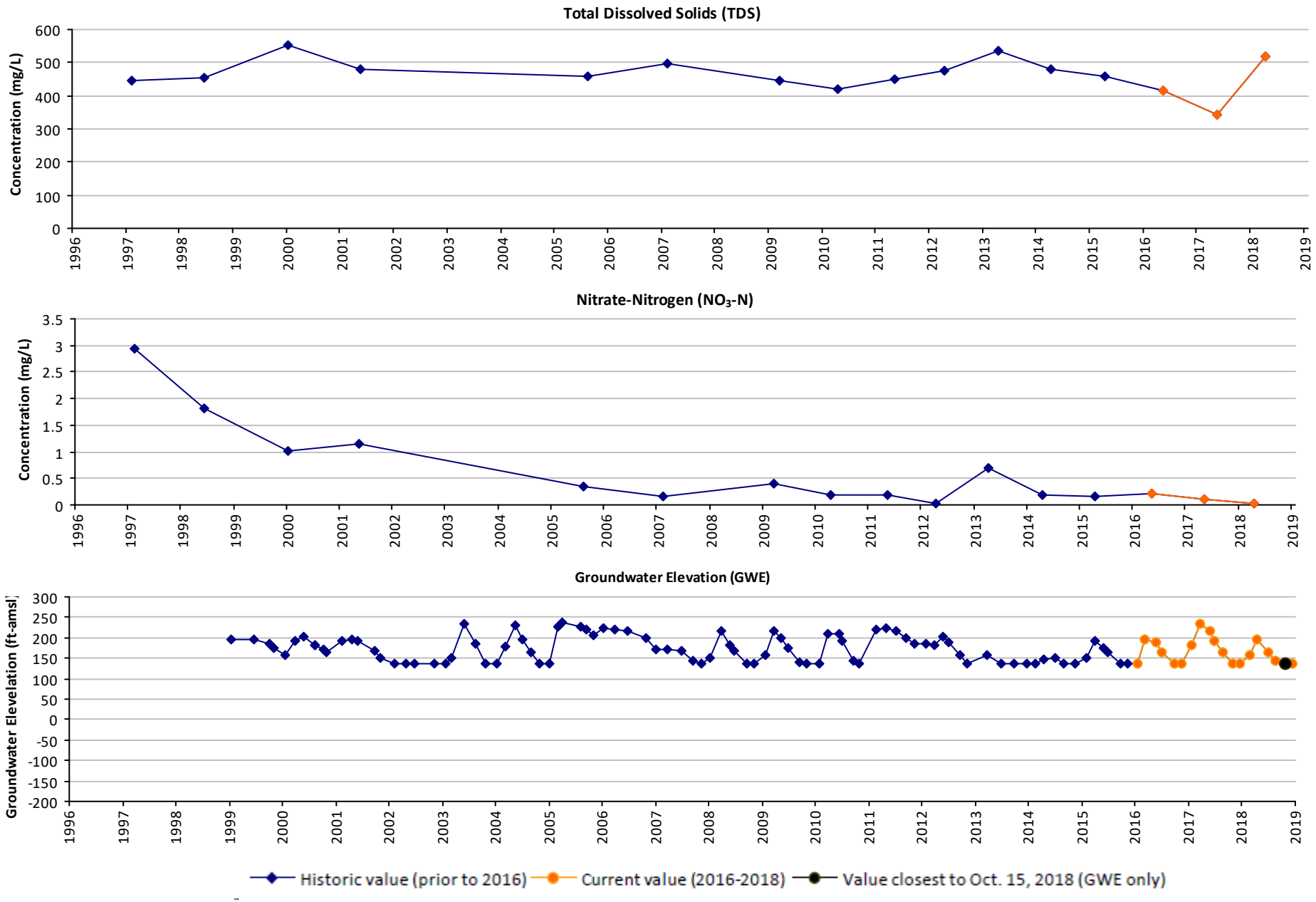
Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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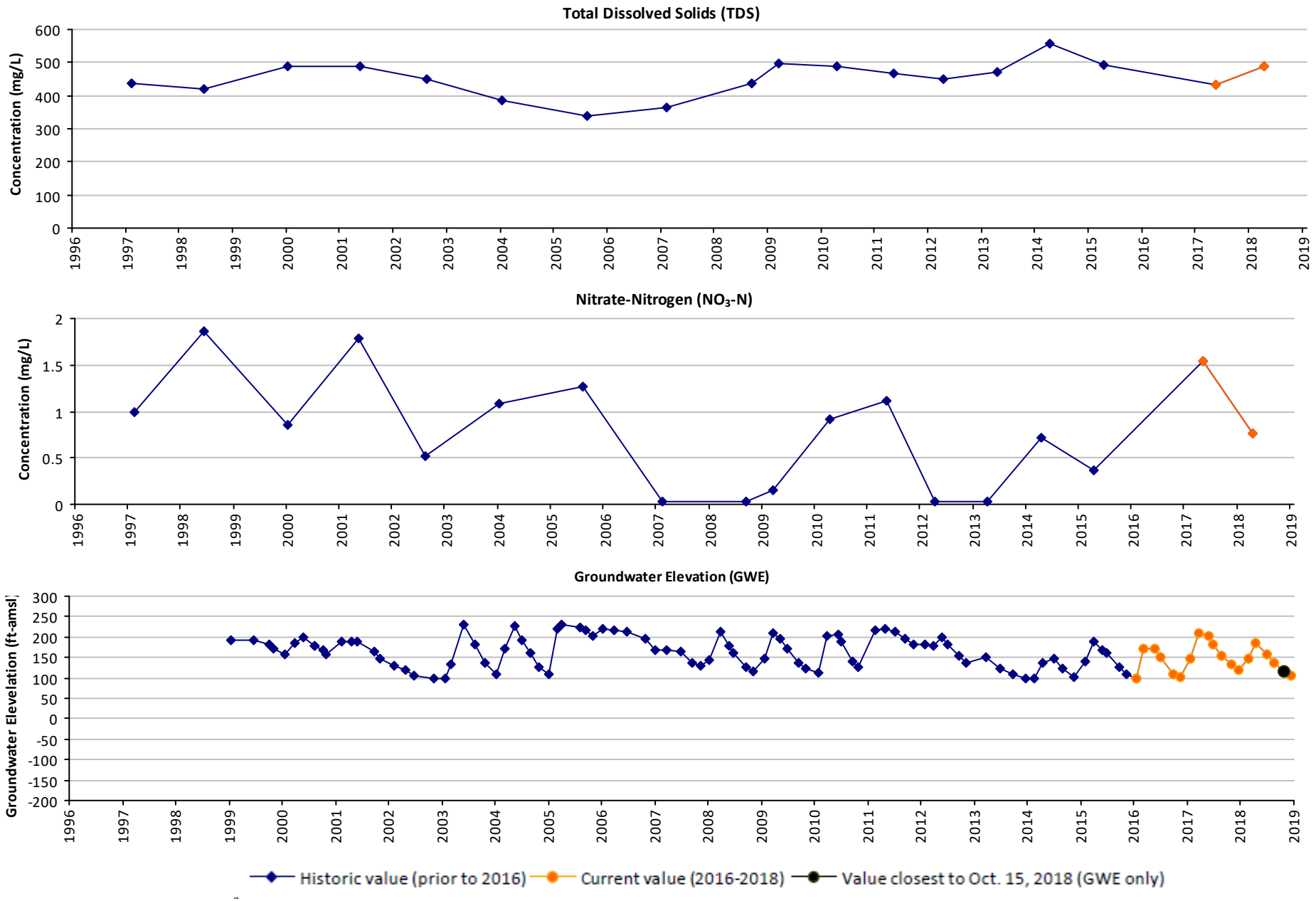
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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Historic value (prior to 2016)
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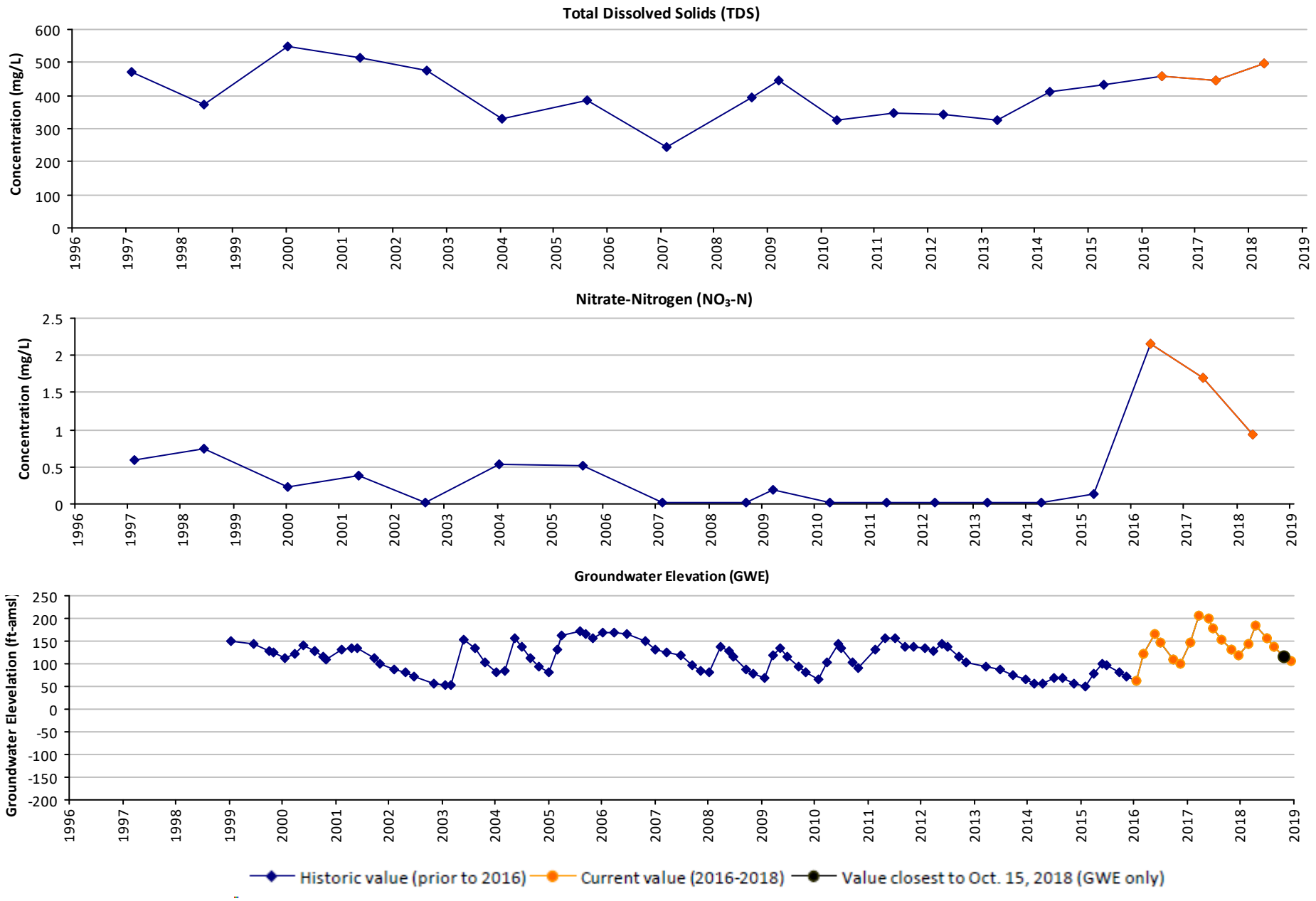
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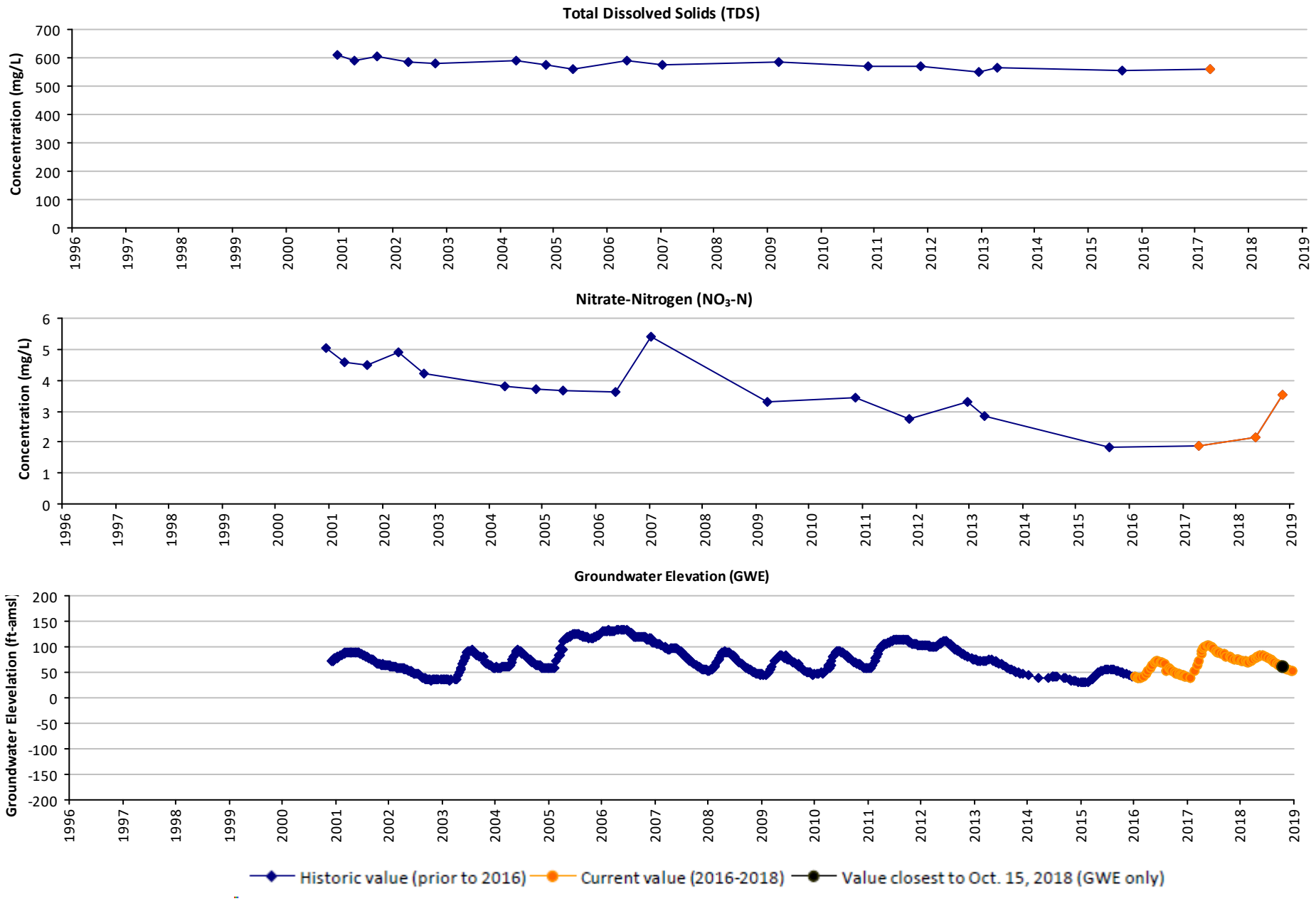
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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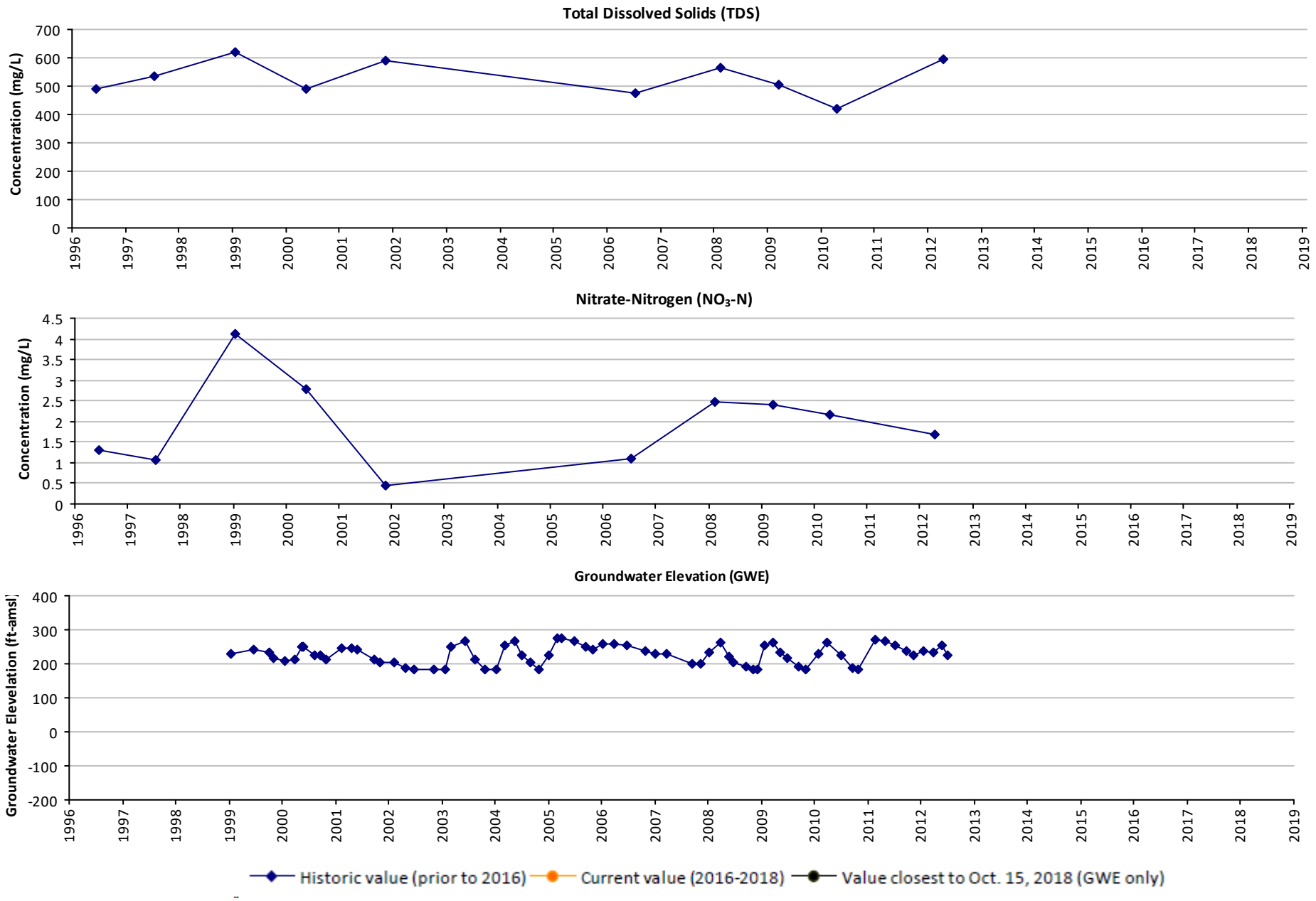
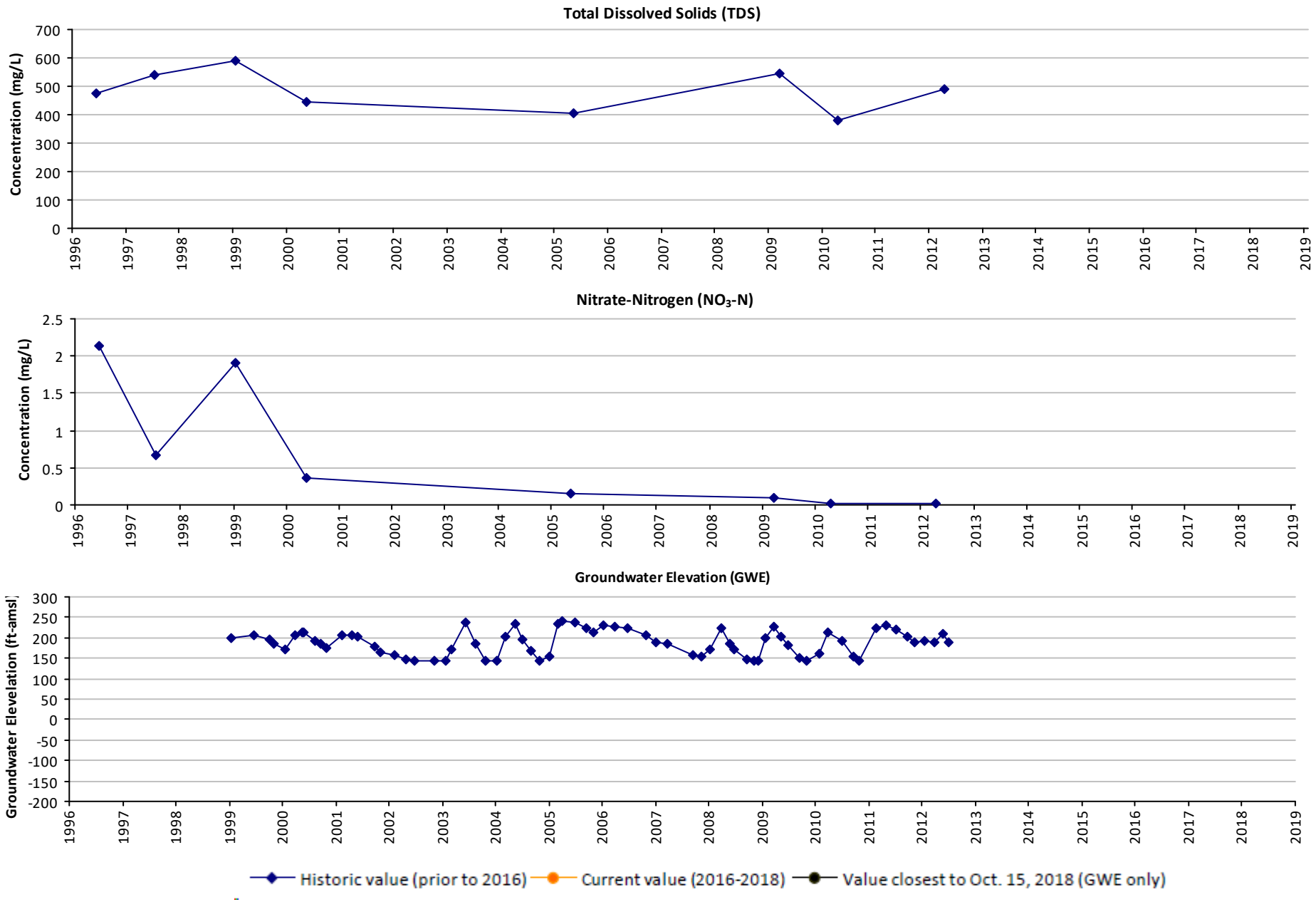

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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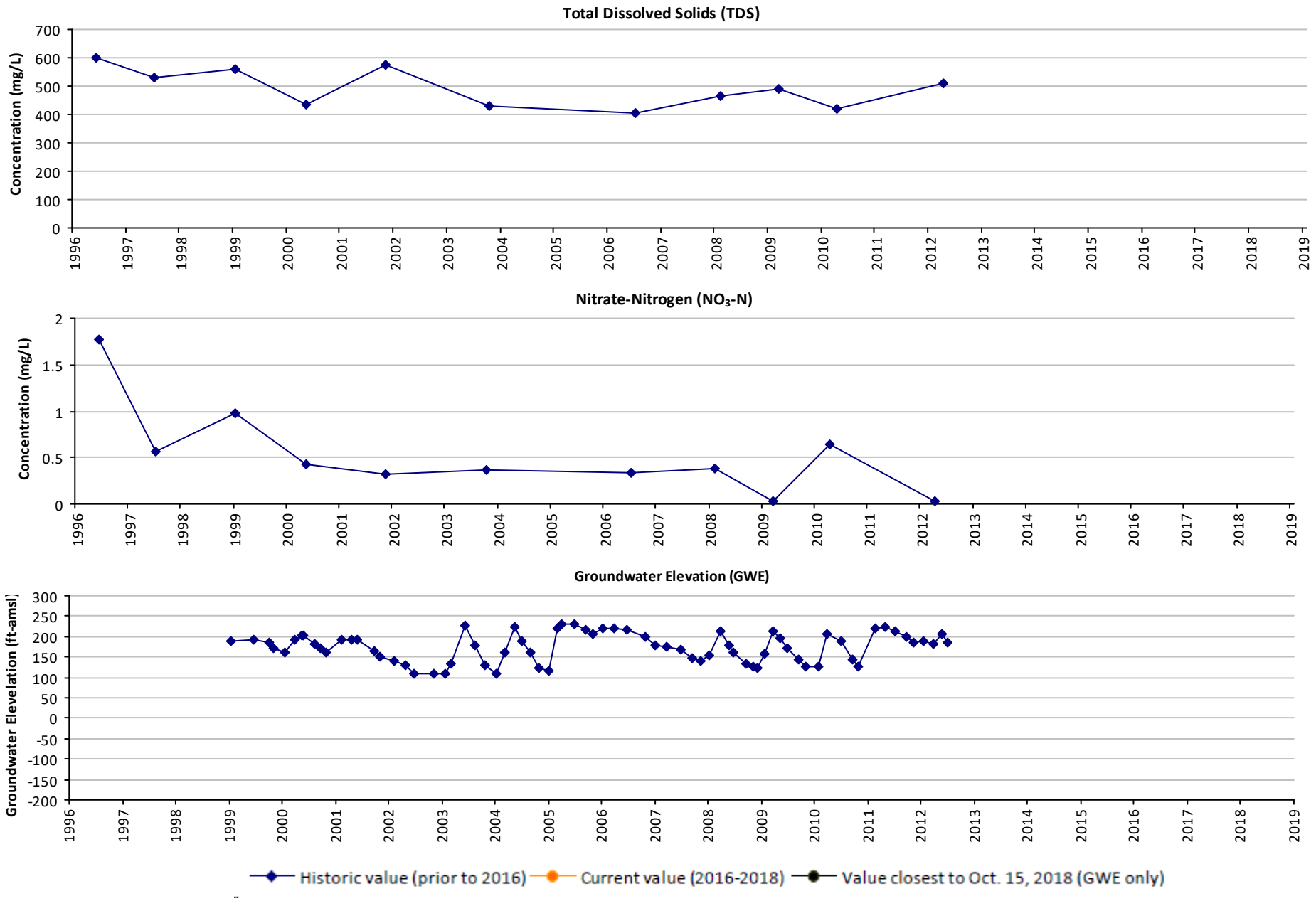
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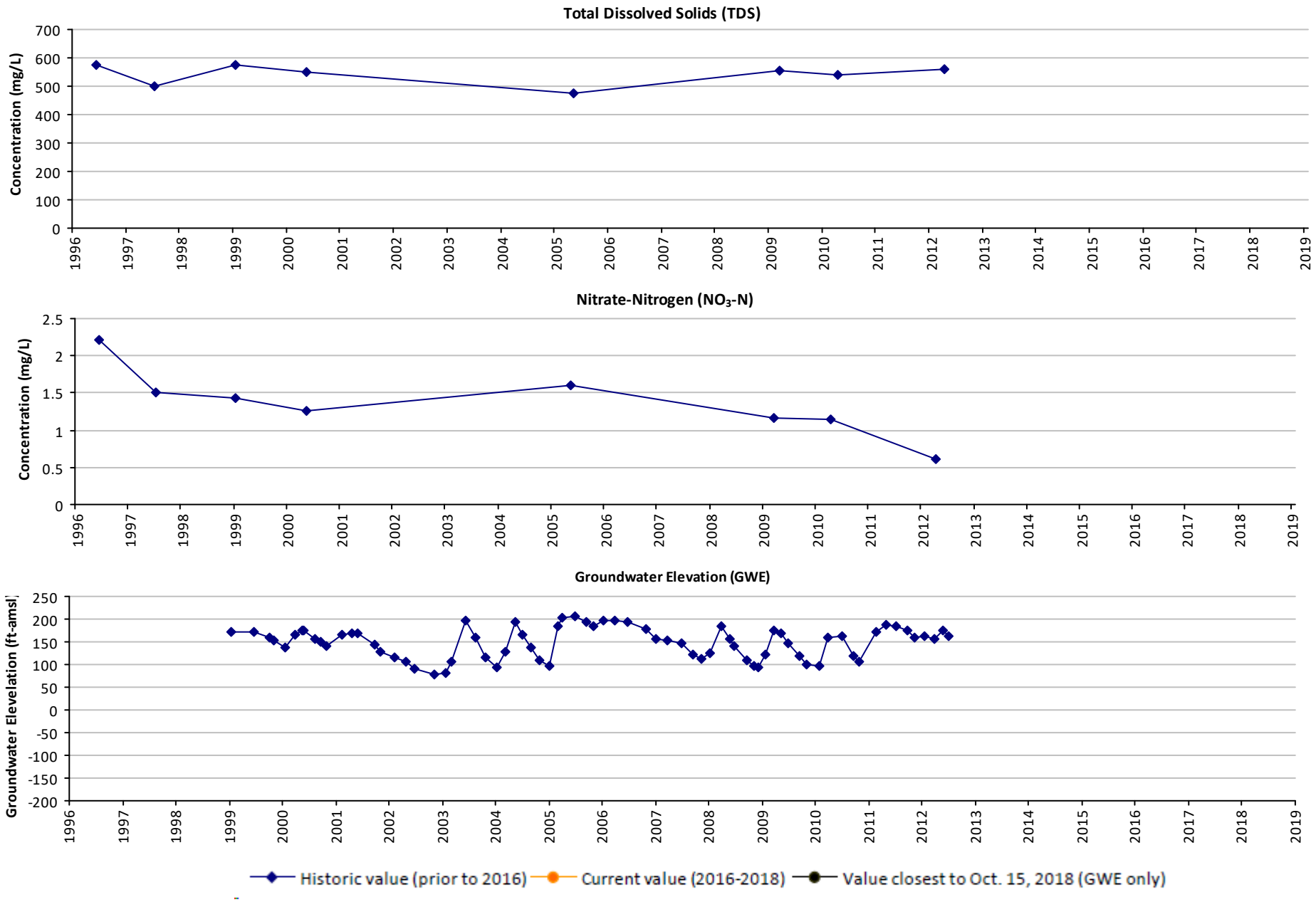
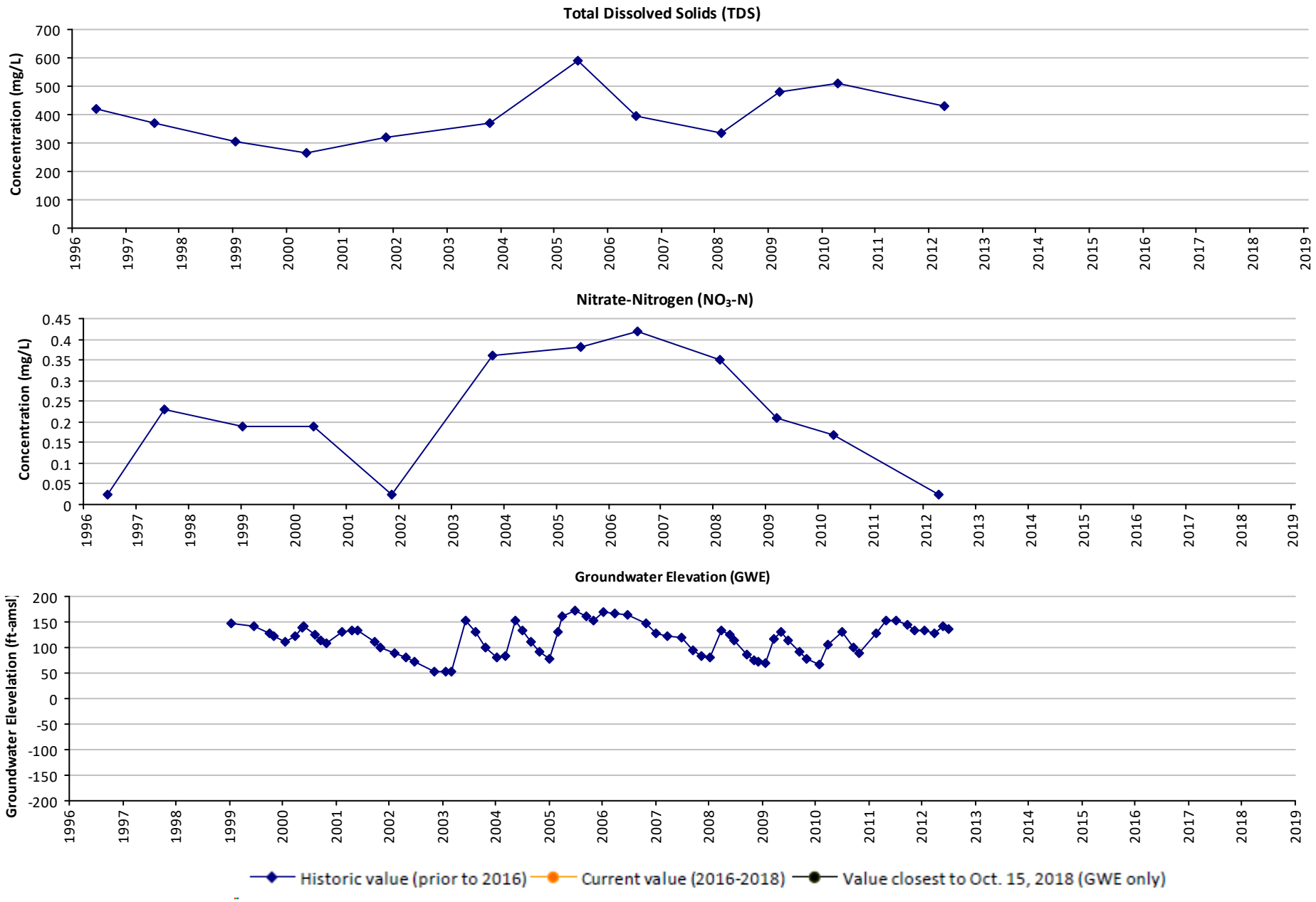
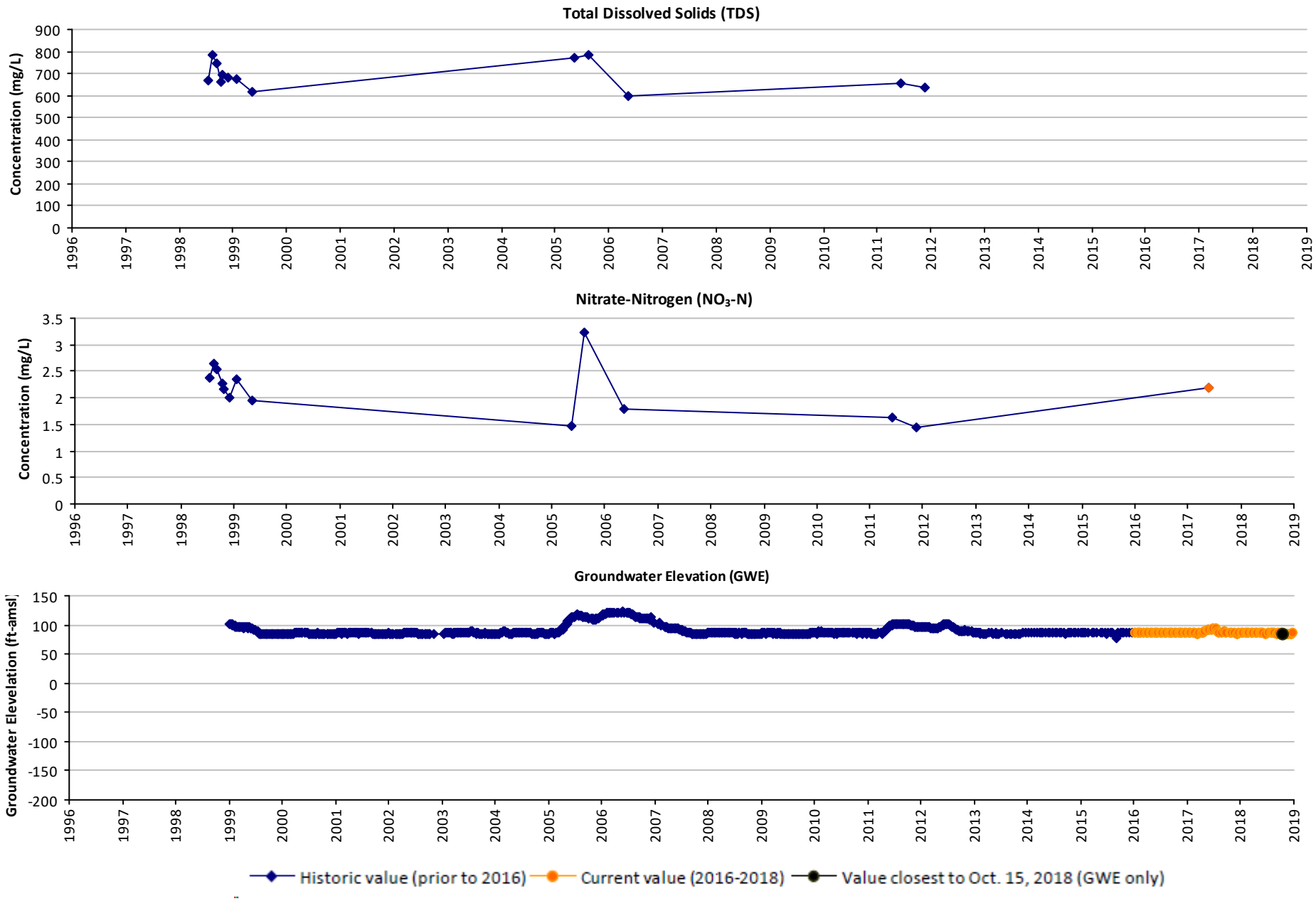
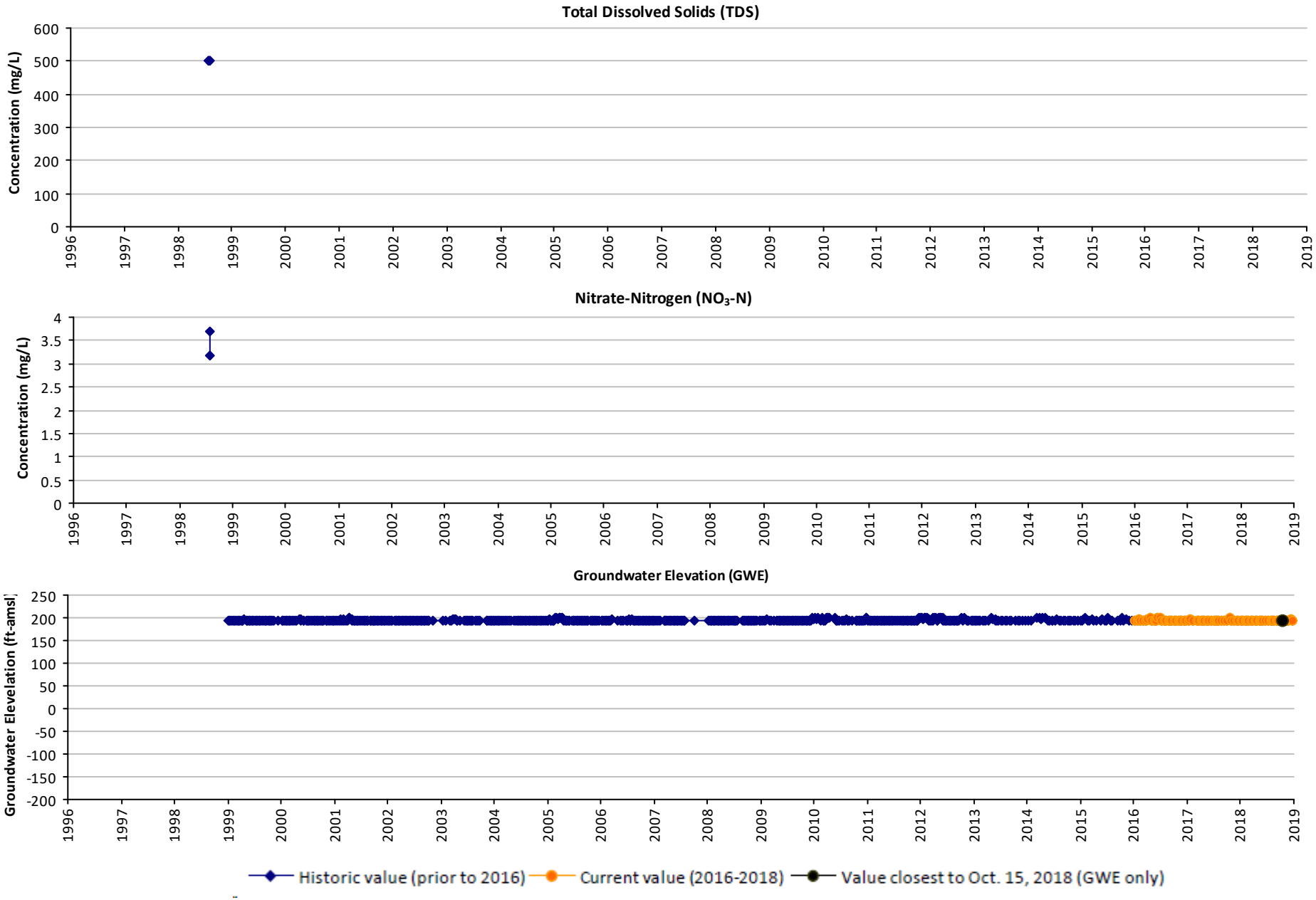
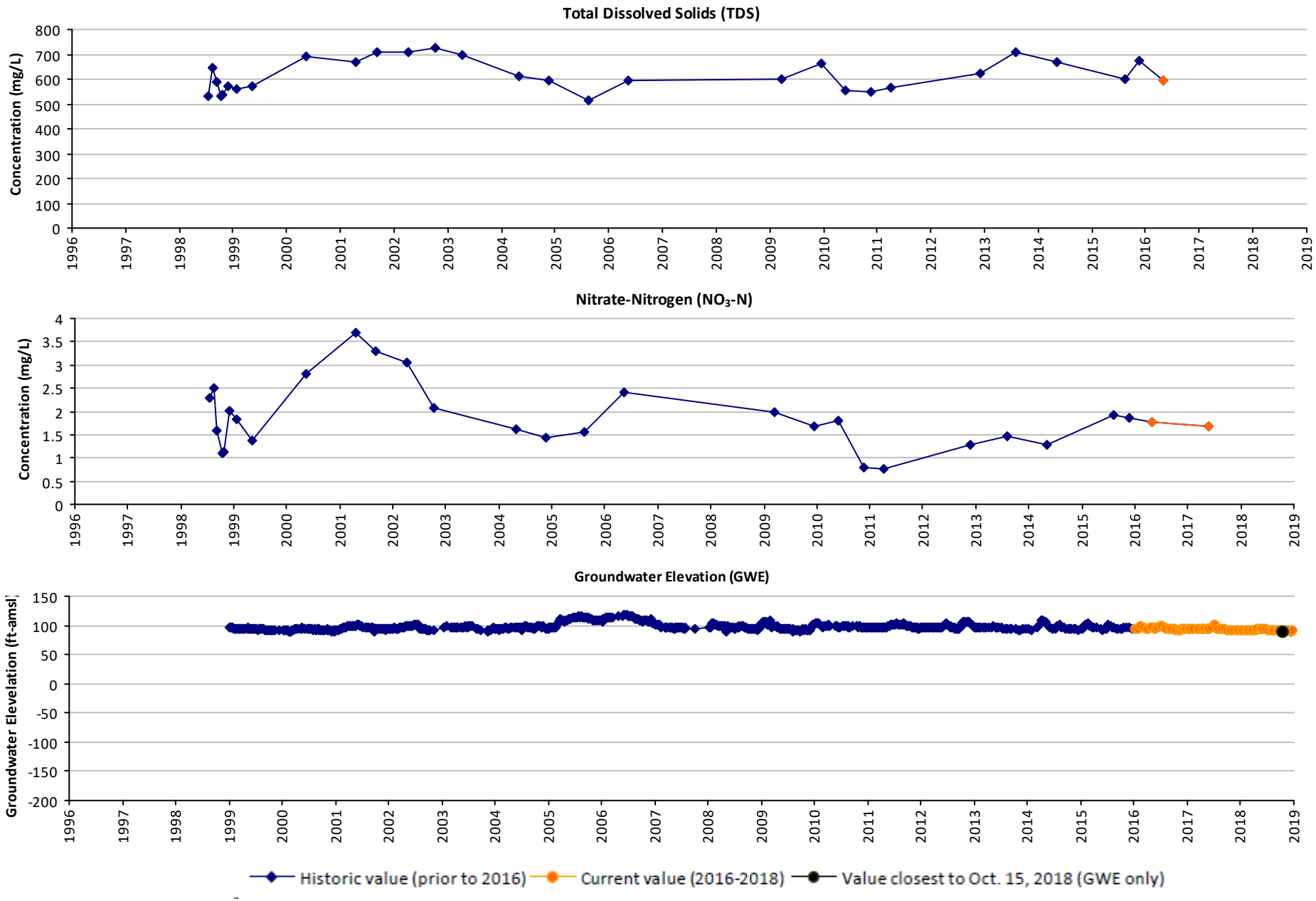
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

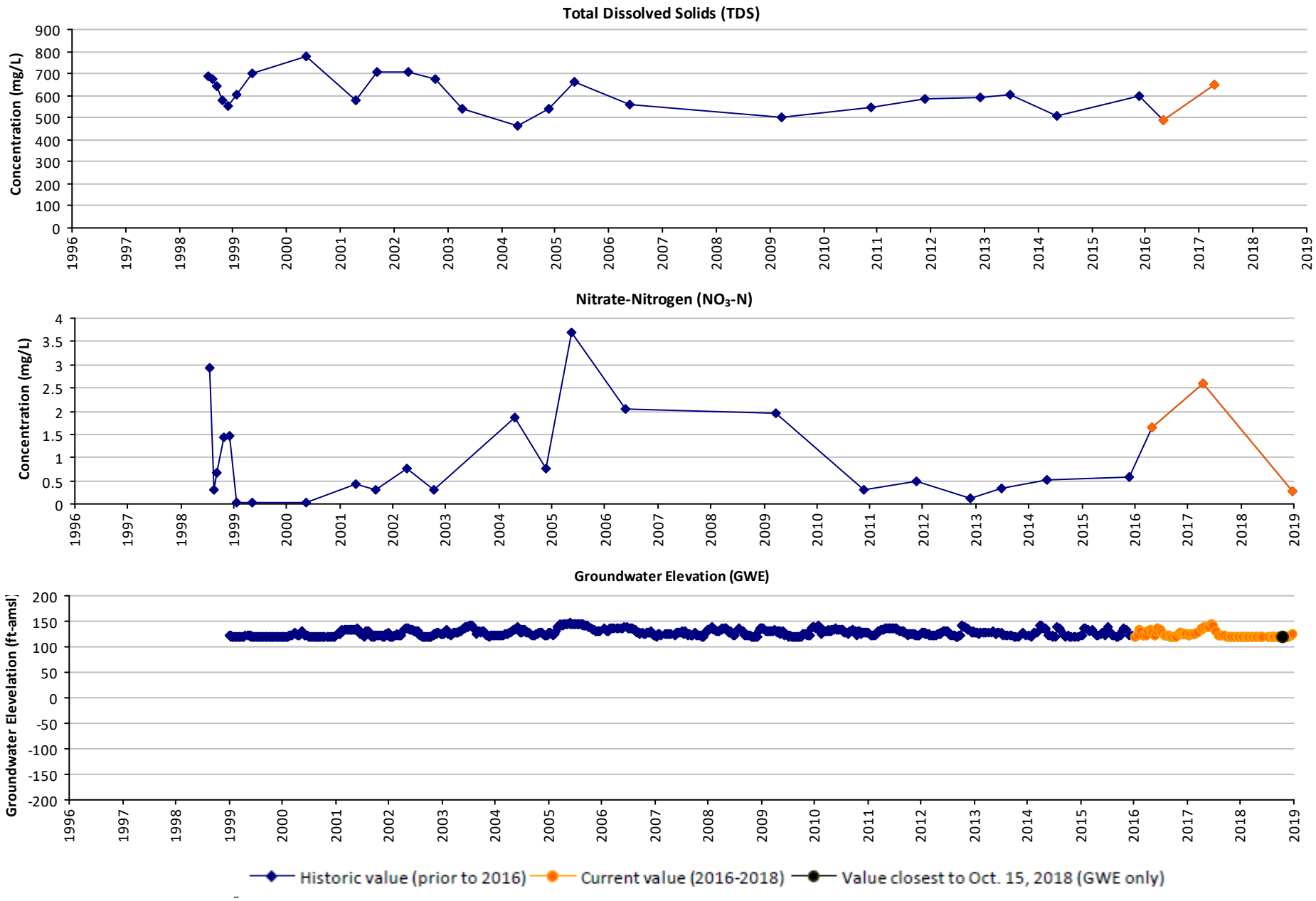

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

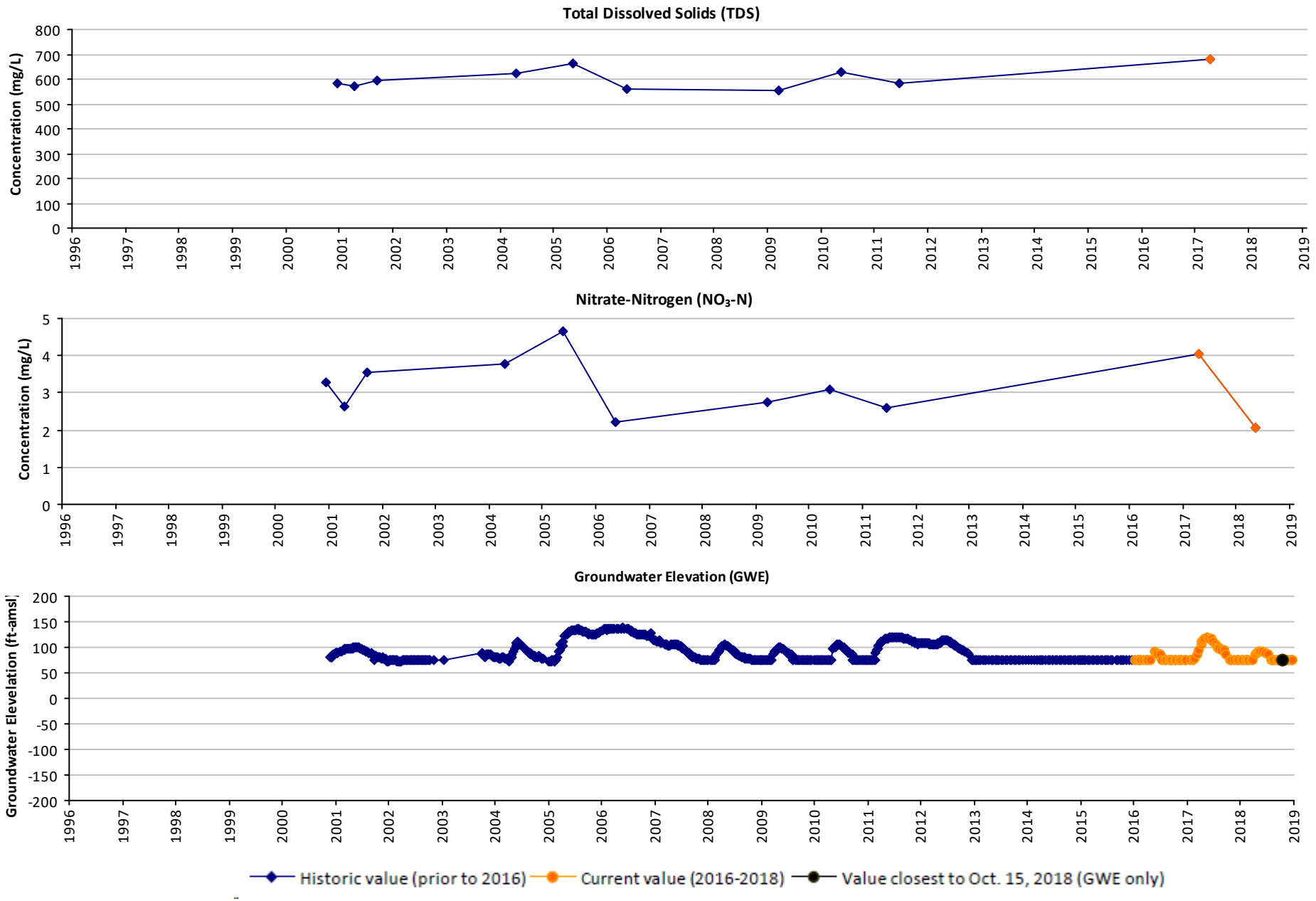

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

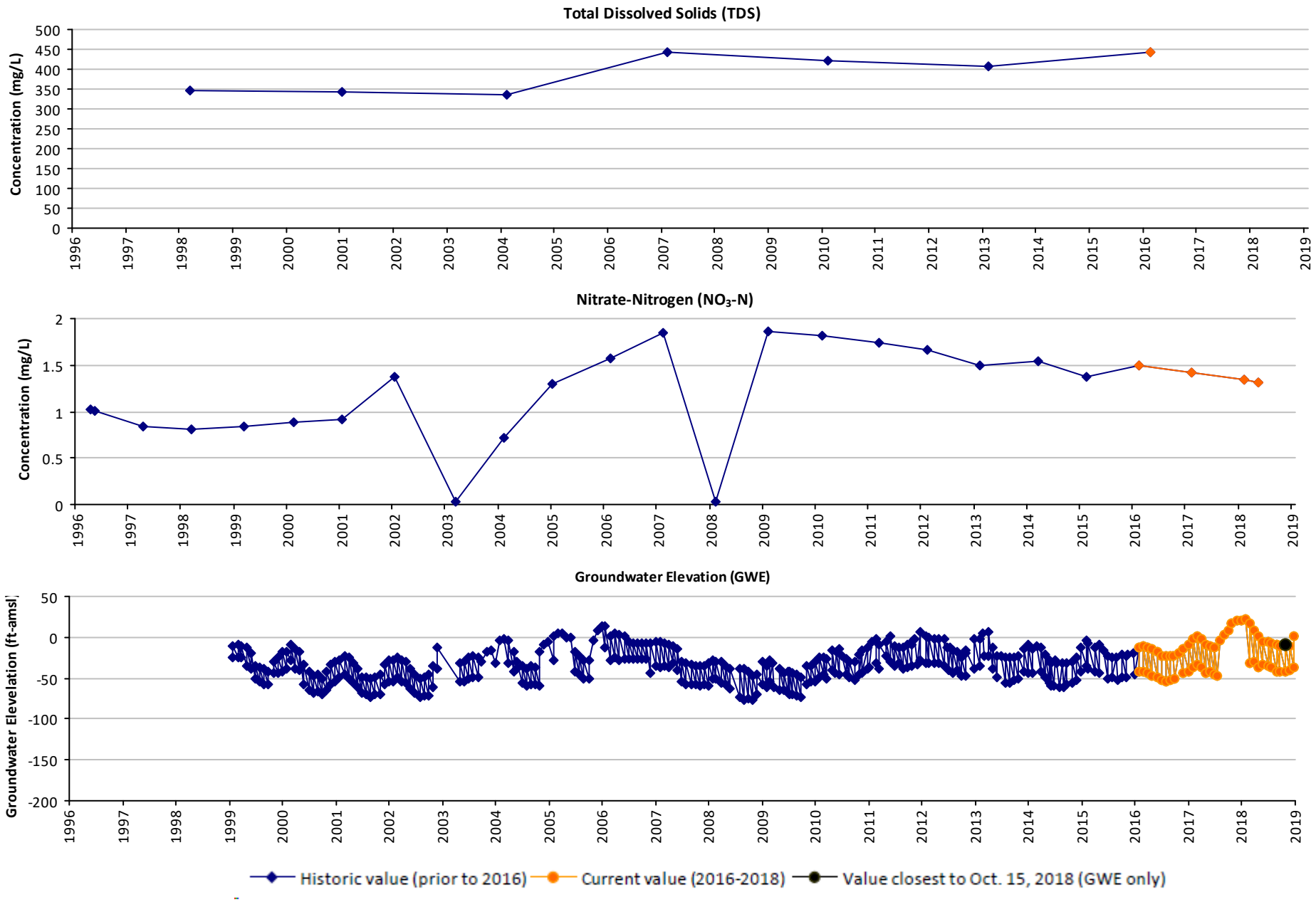

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

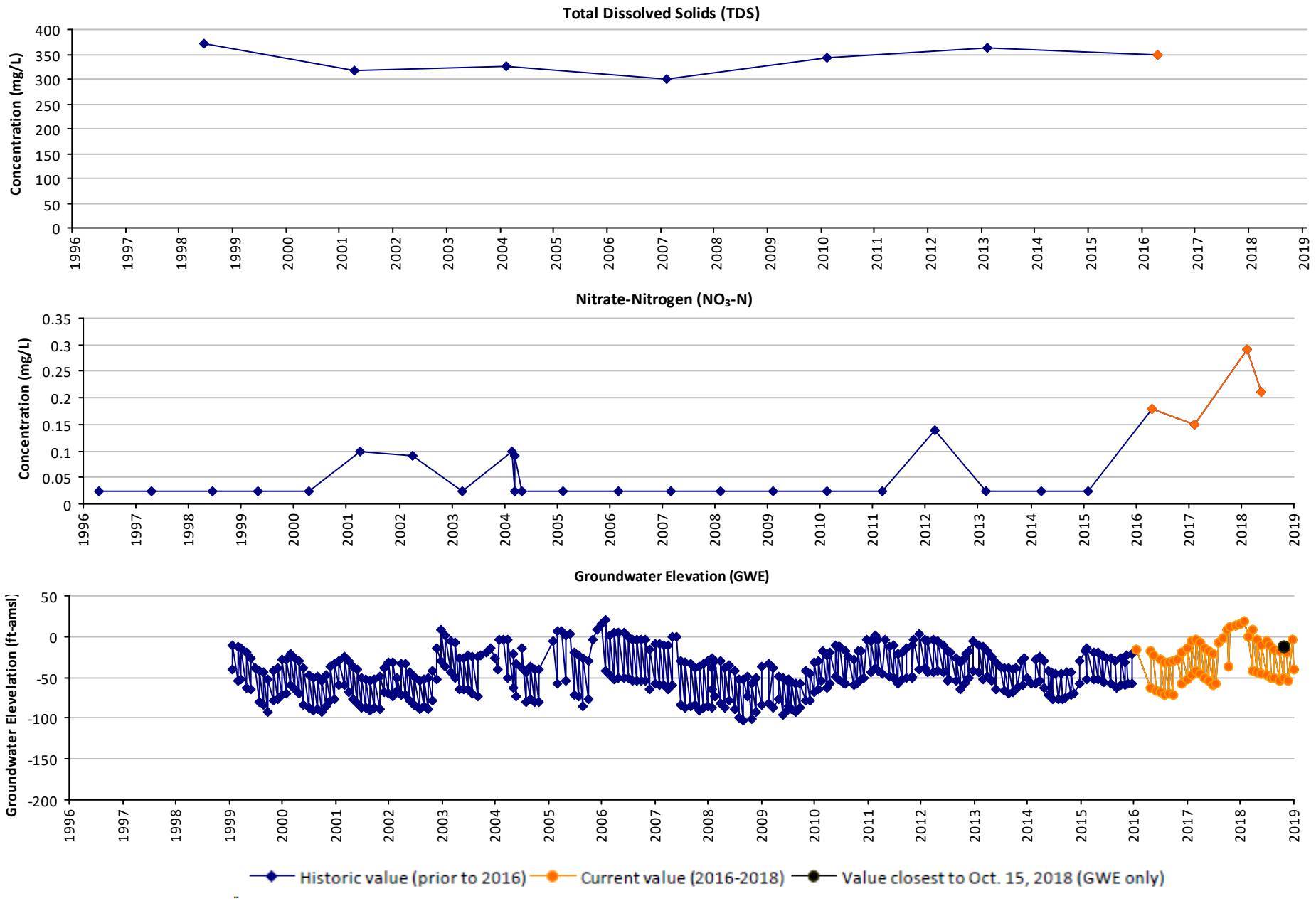

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

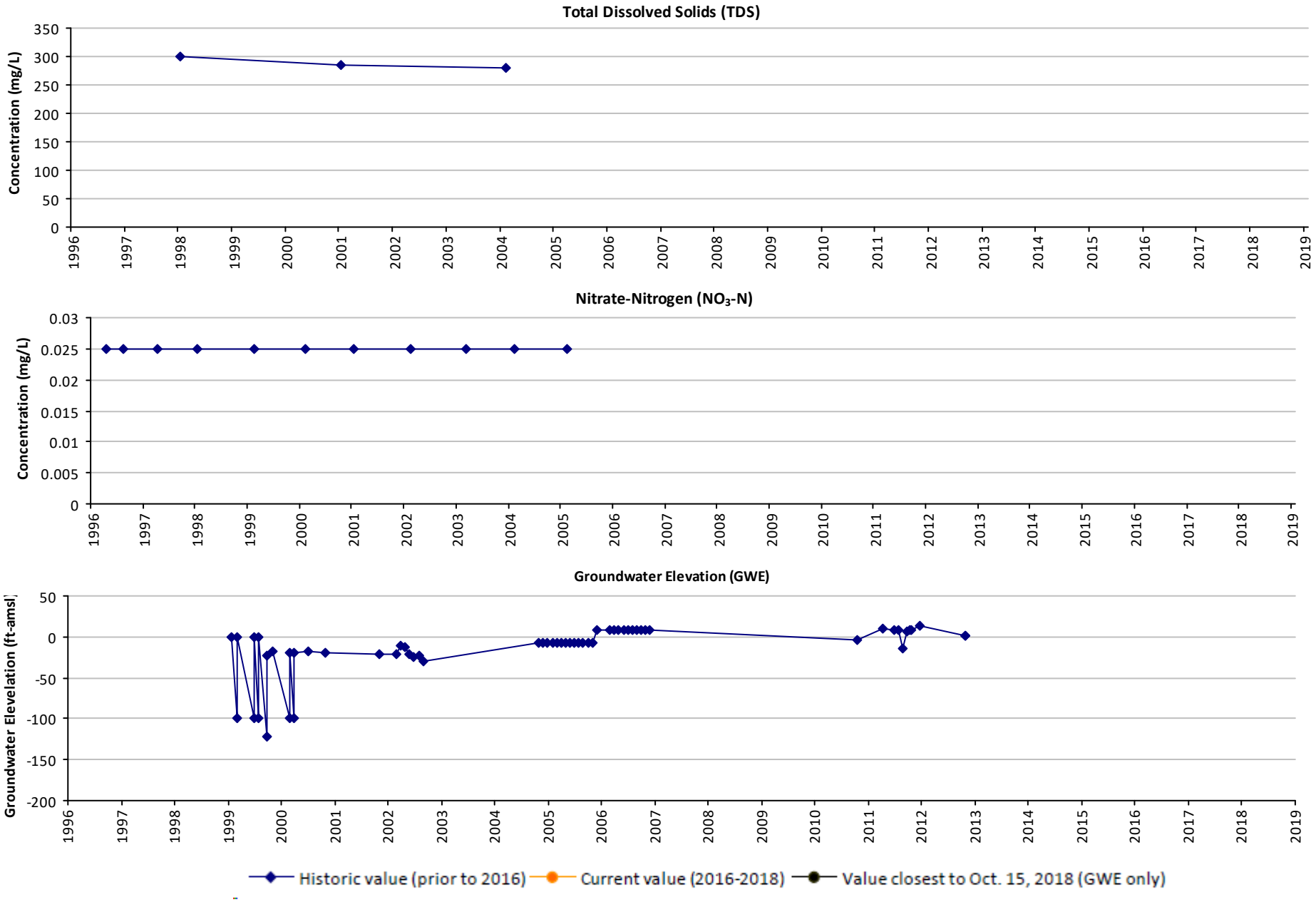

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

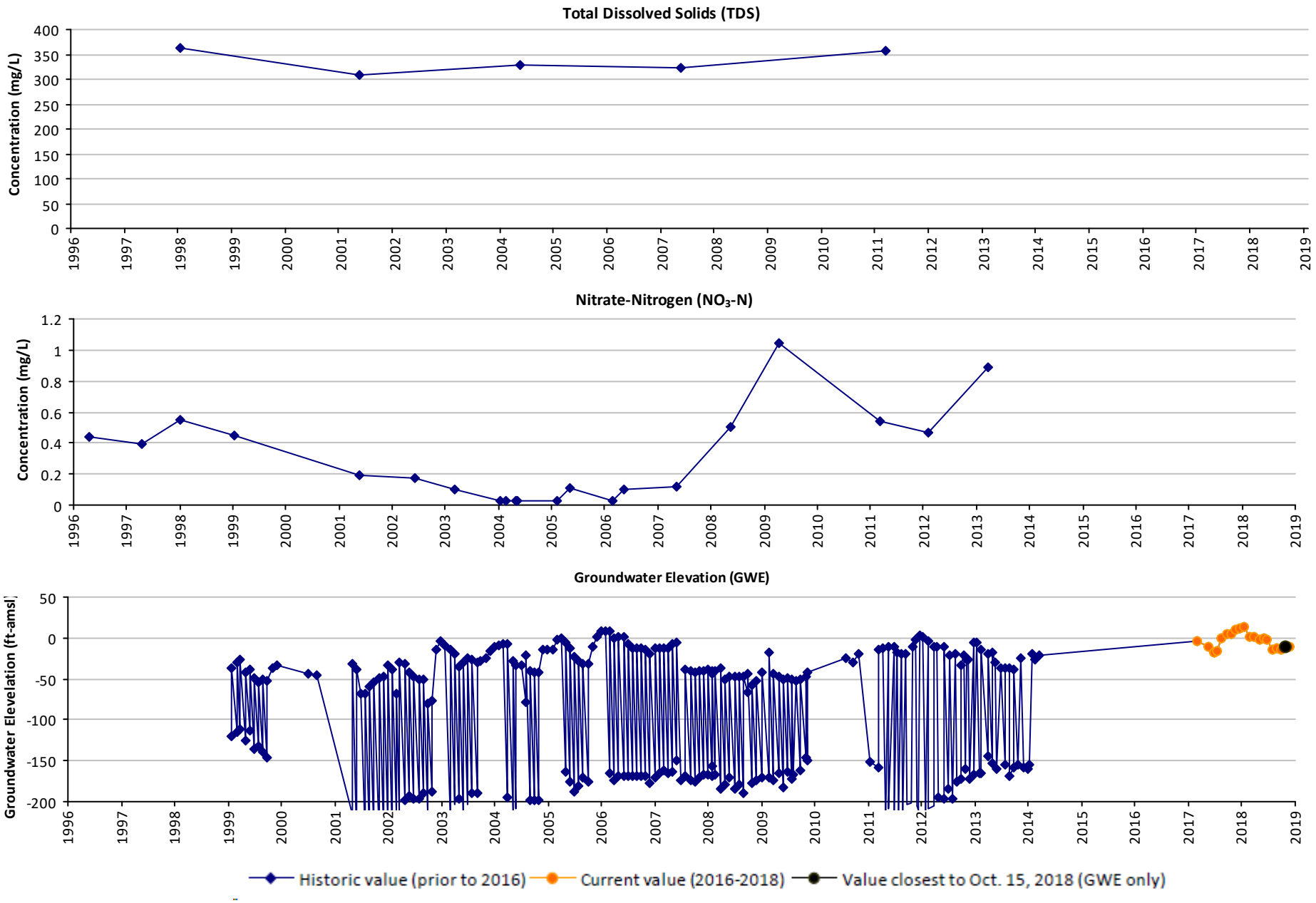

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

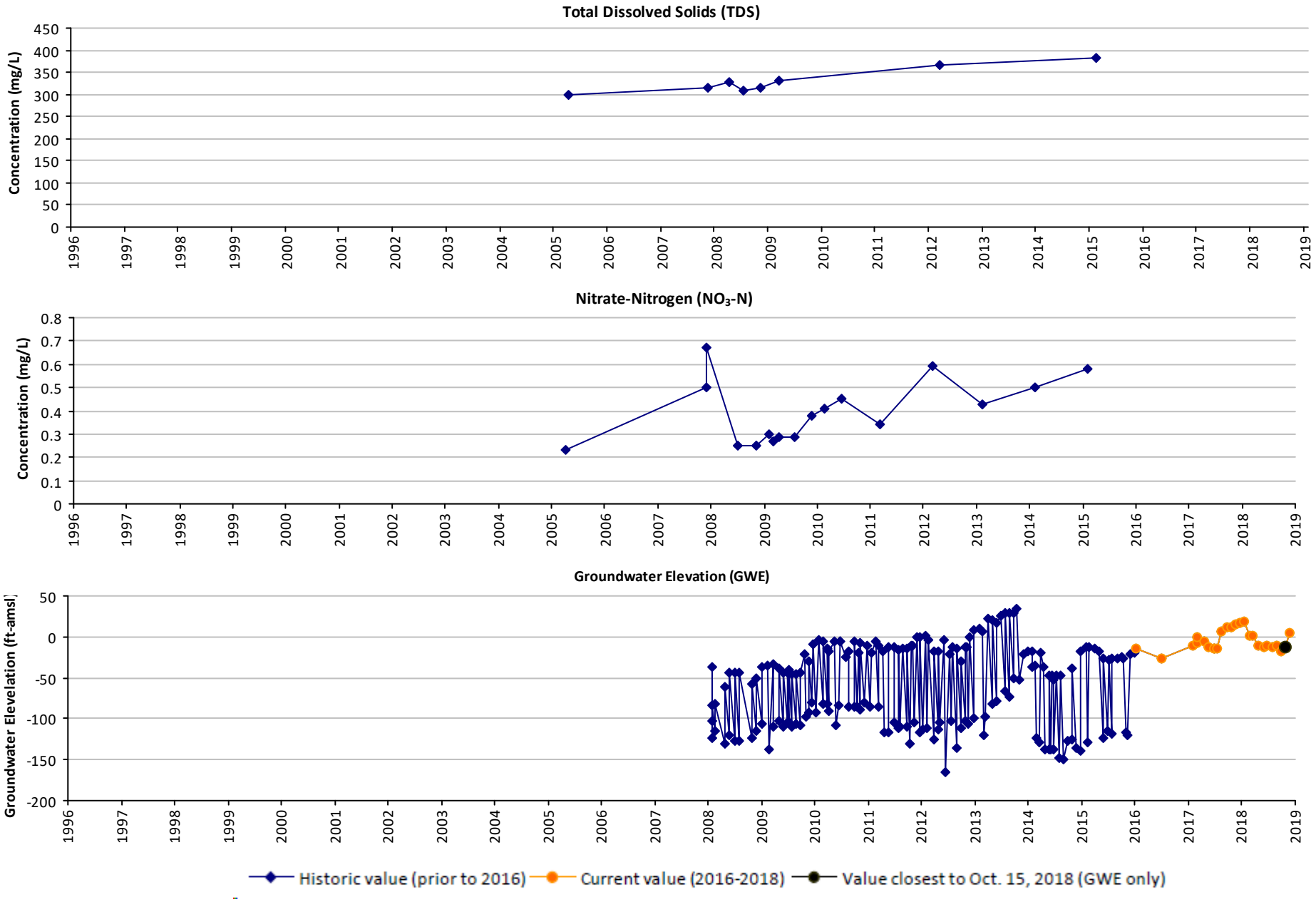

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

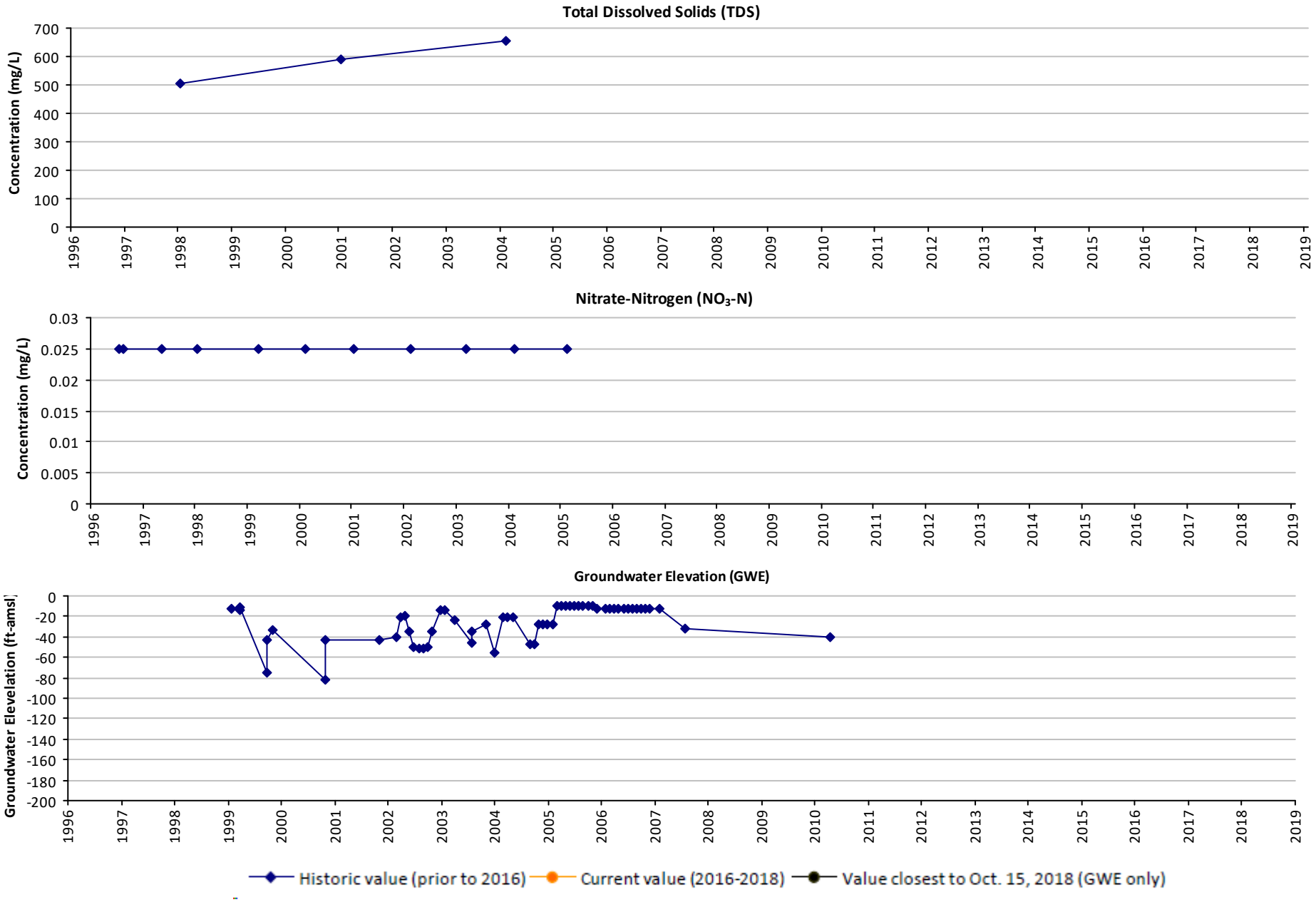

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

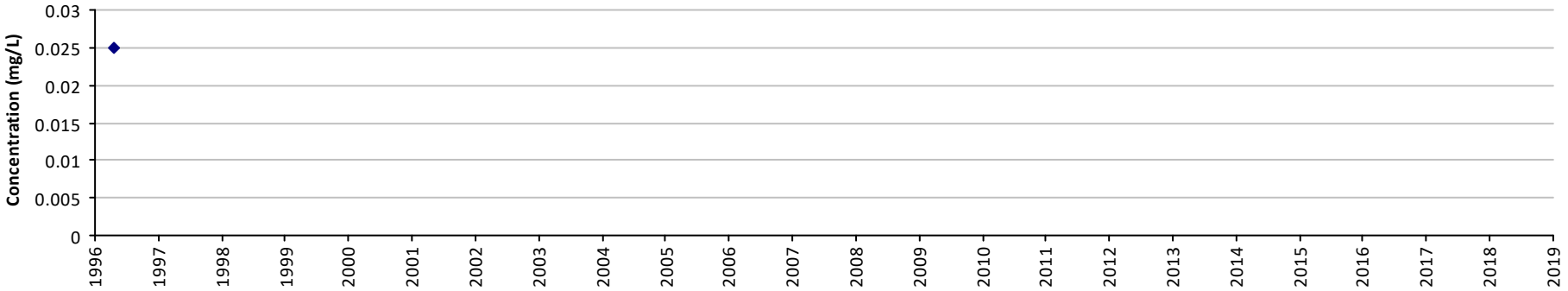

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

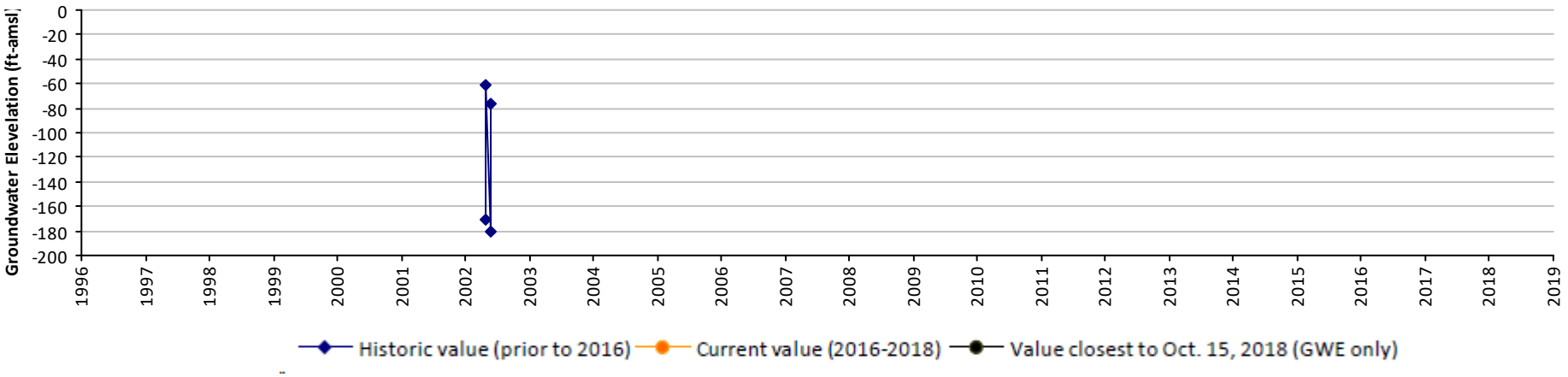

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

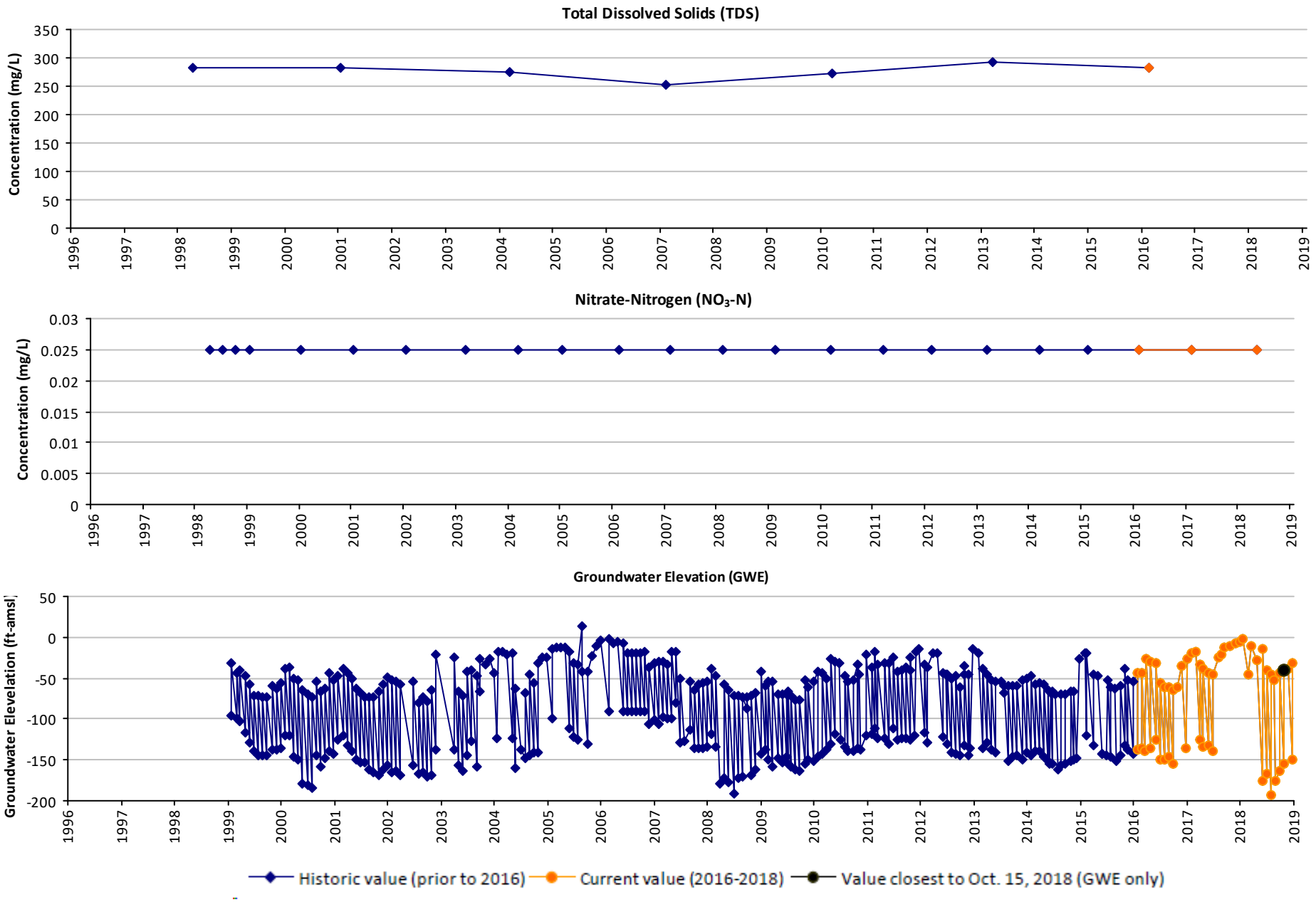
Total Dissolved Solids (TDS)

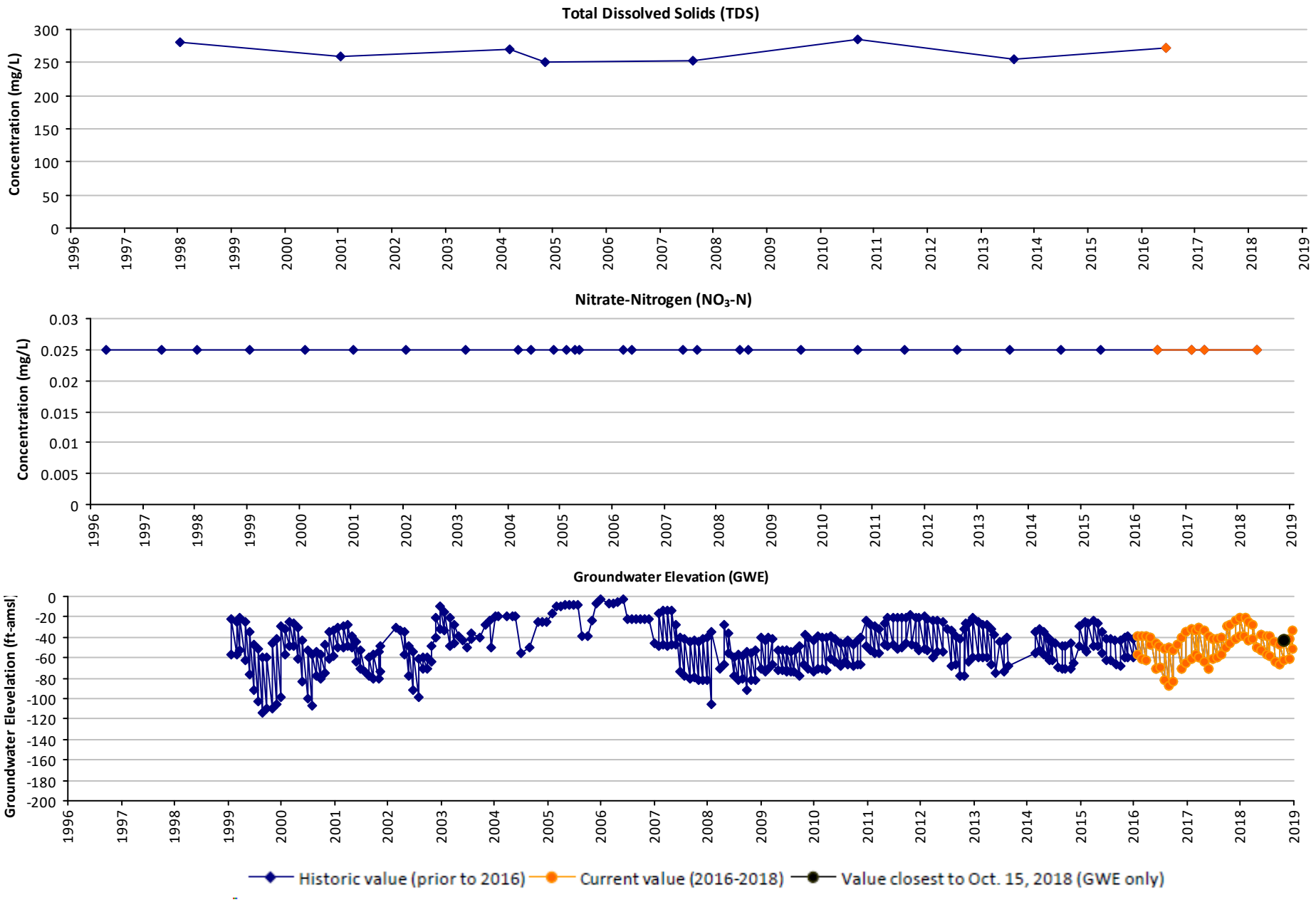
Nitrate-Nitrogen (NO_3-N)

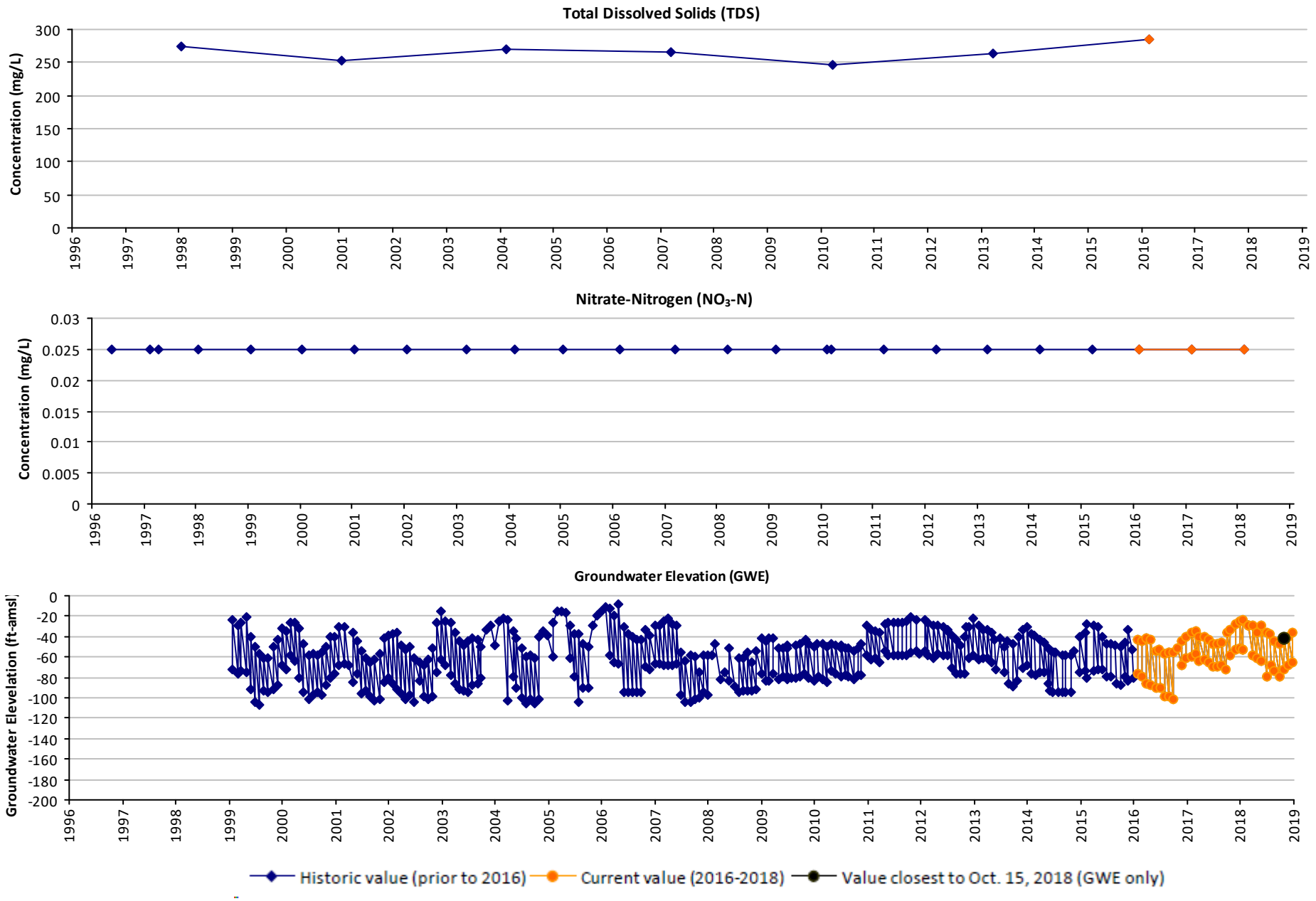


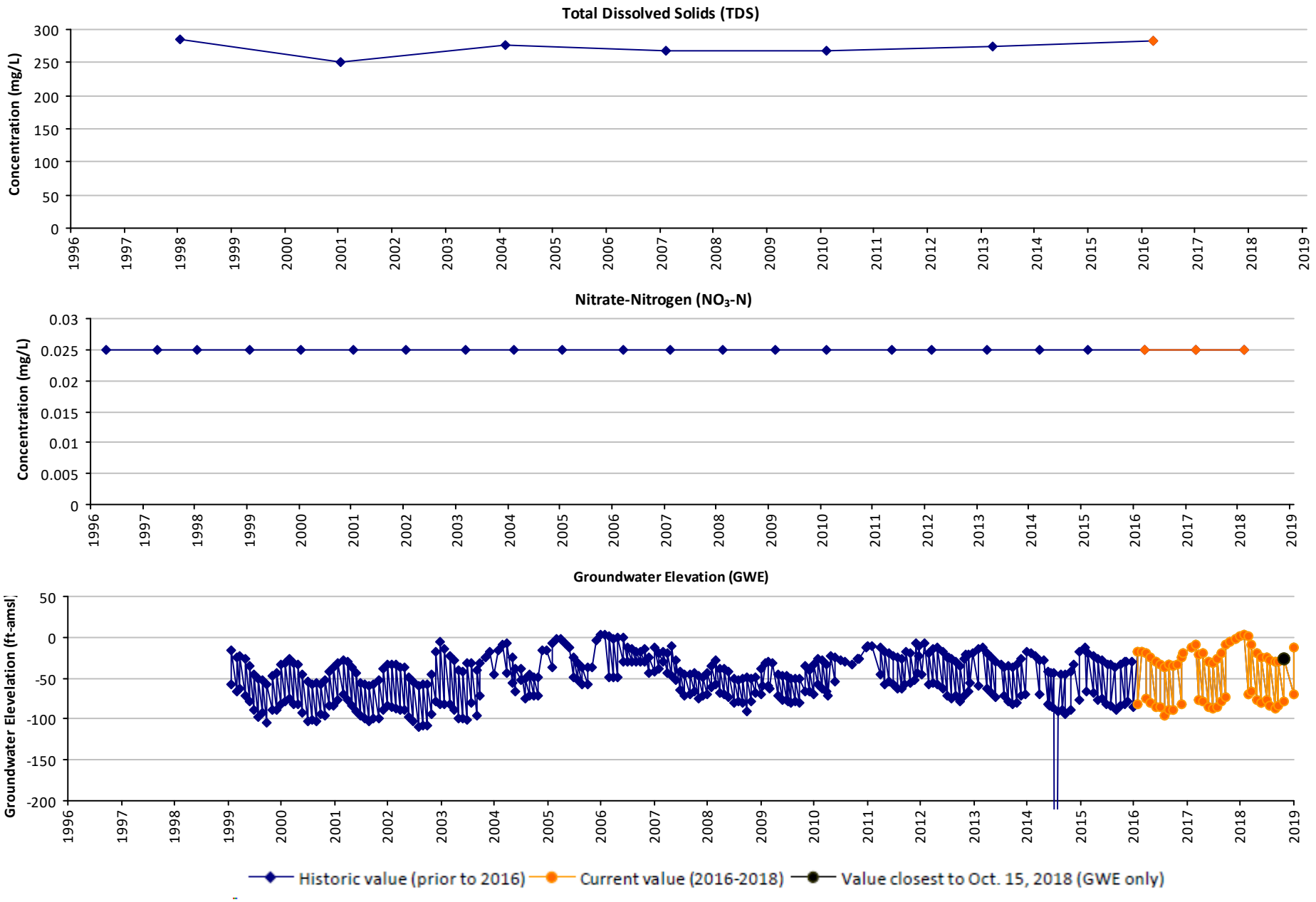
Groundwater Elevation (GWE)

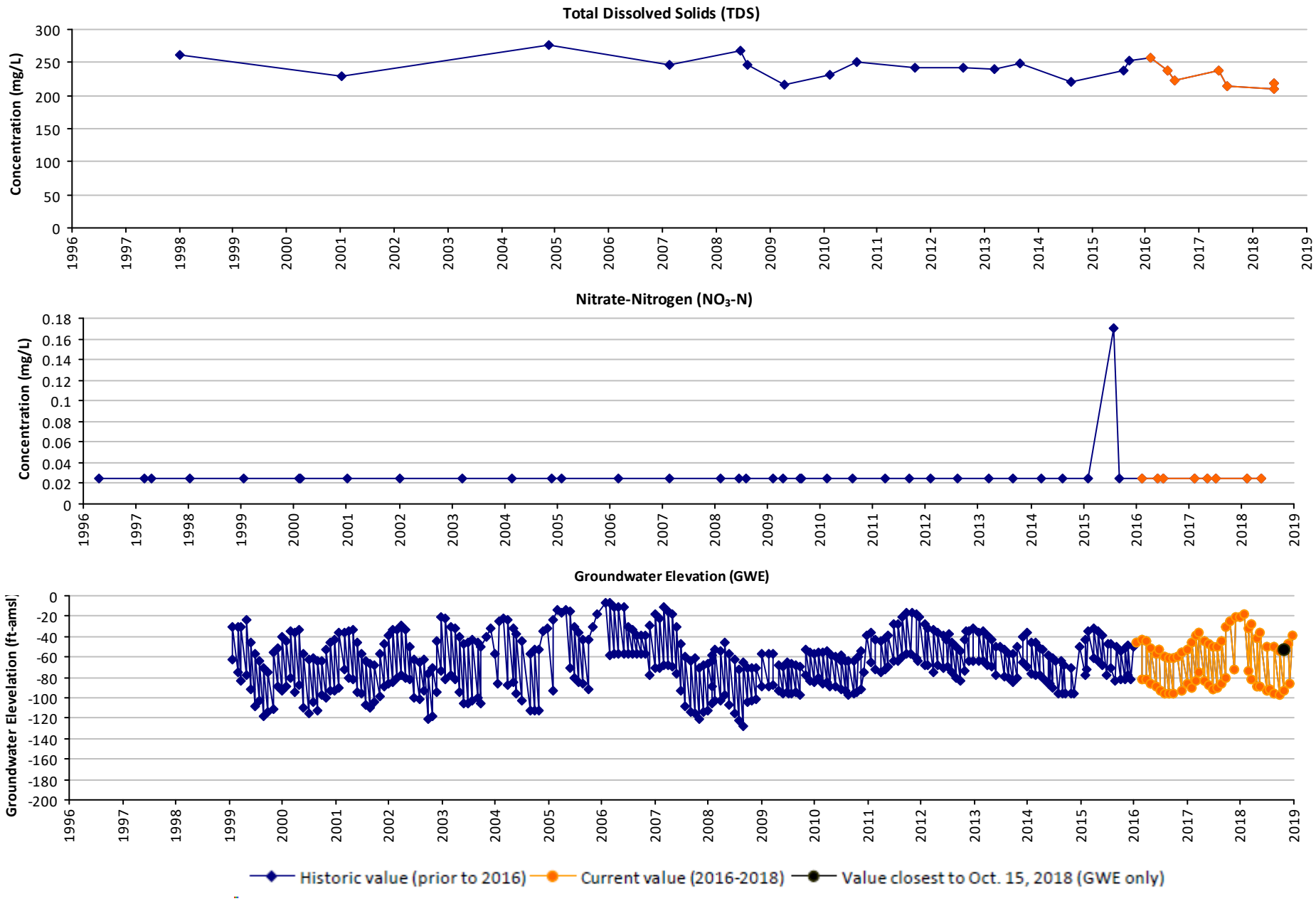


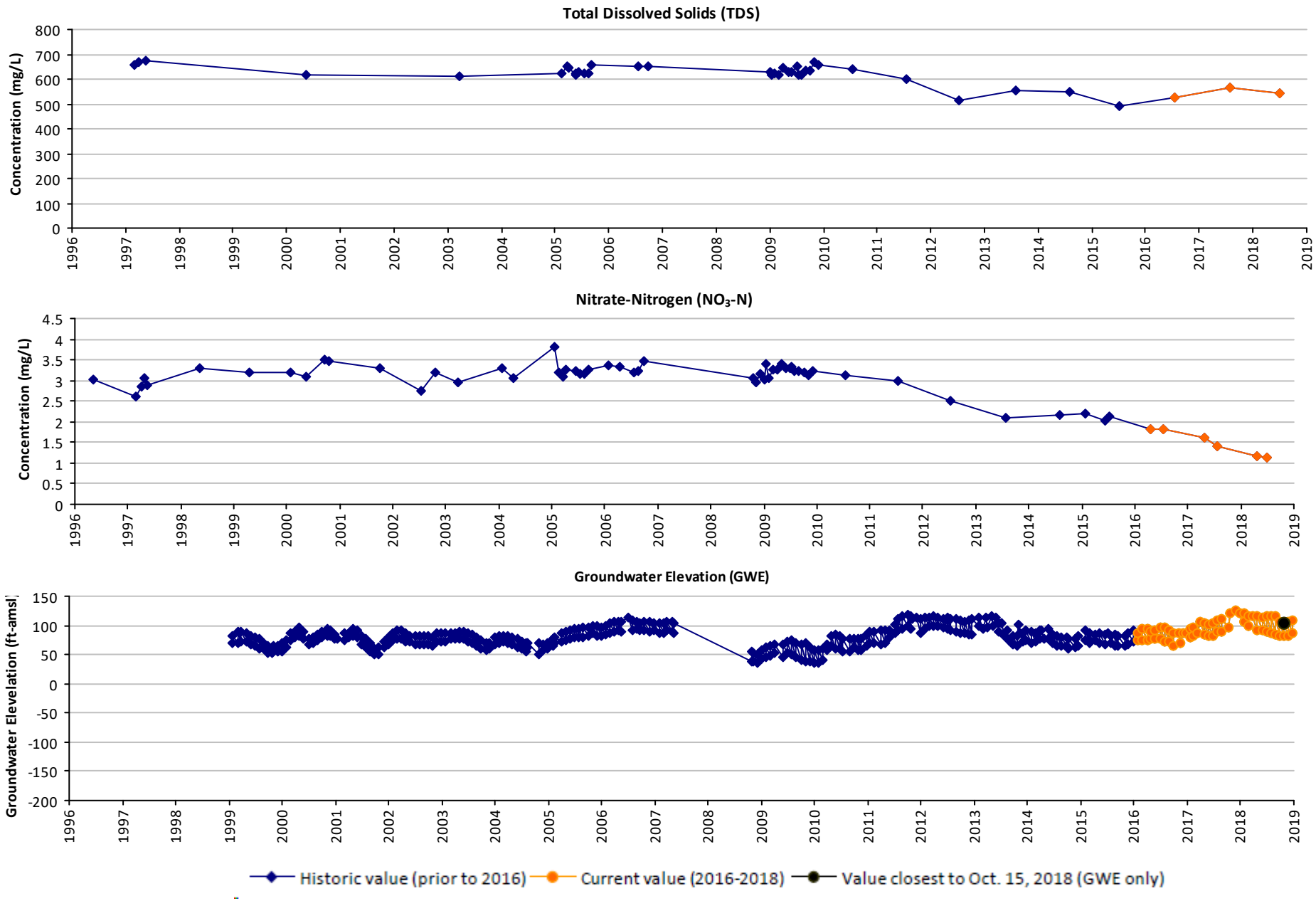

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

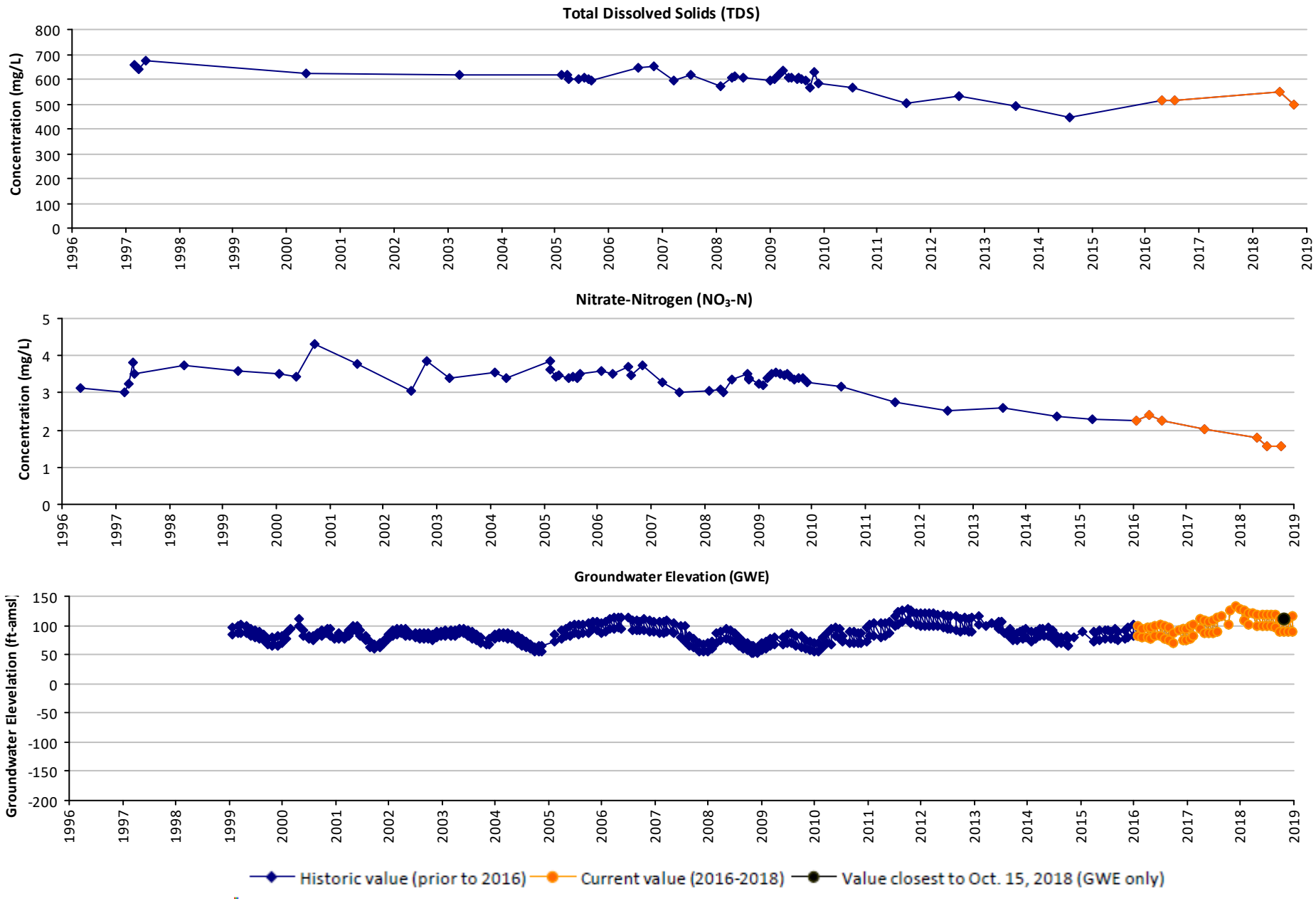

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

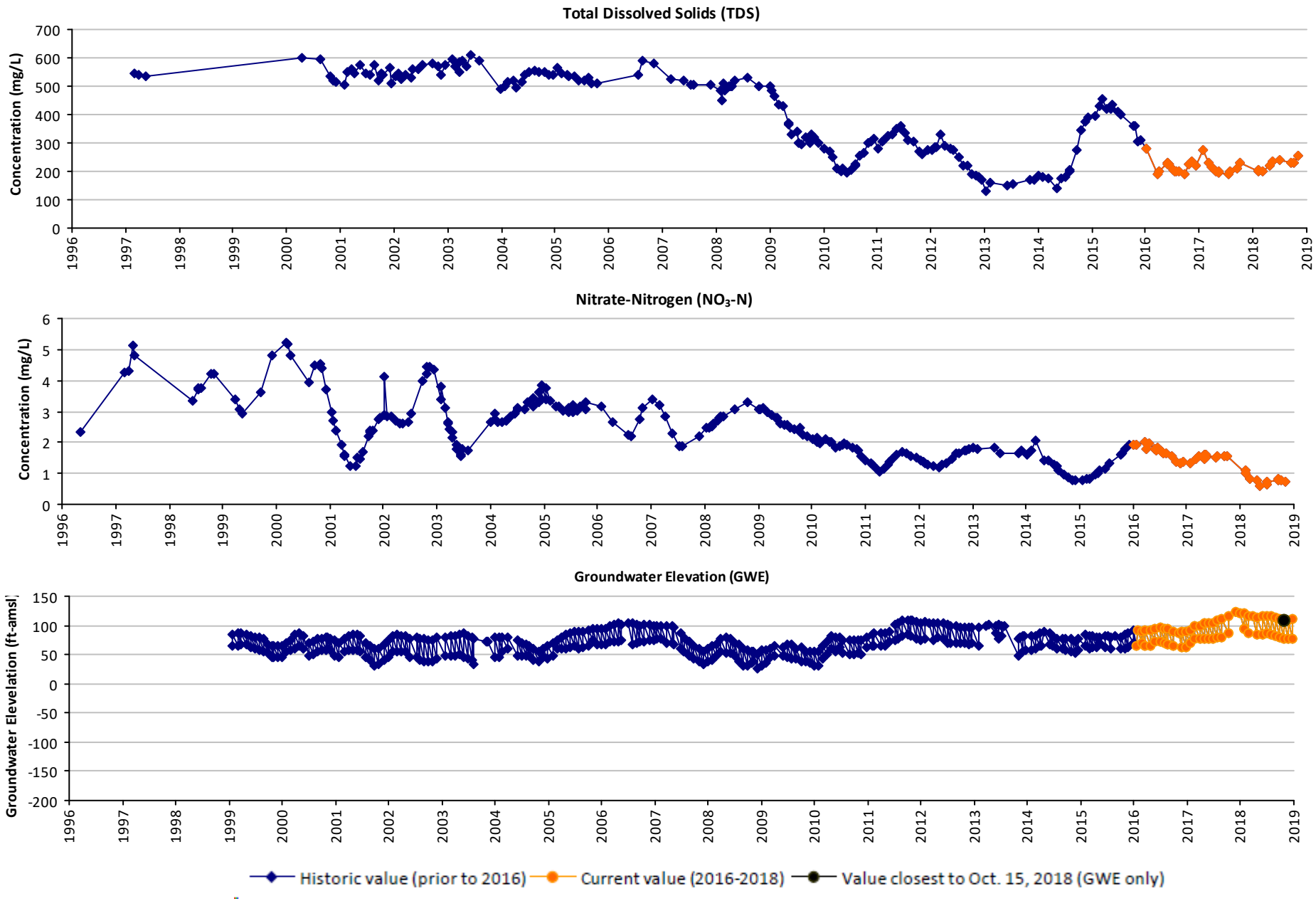

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

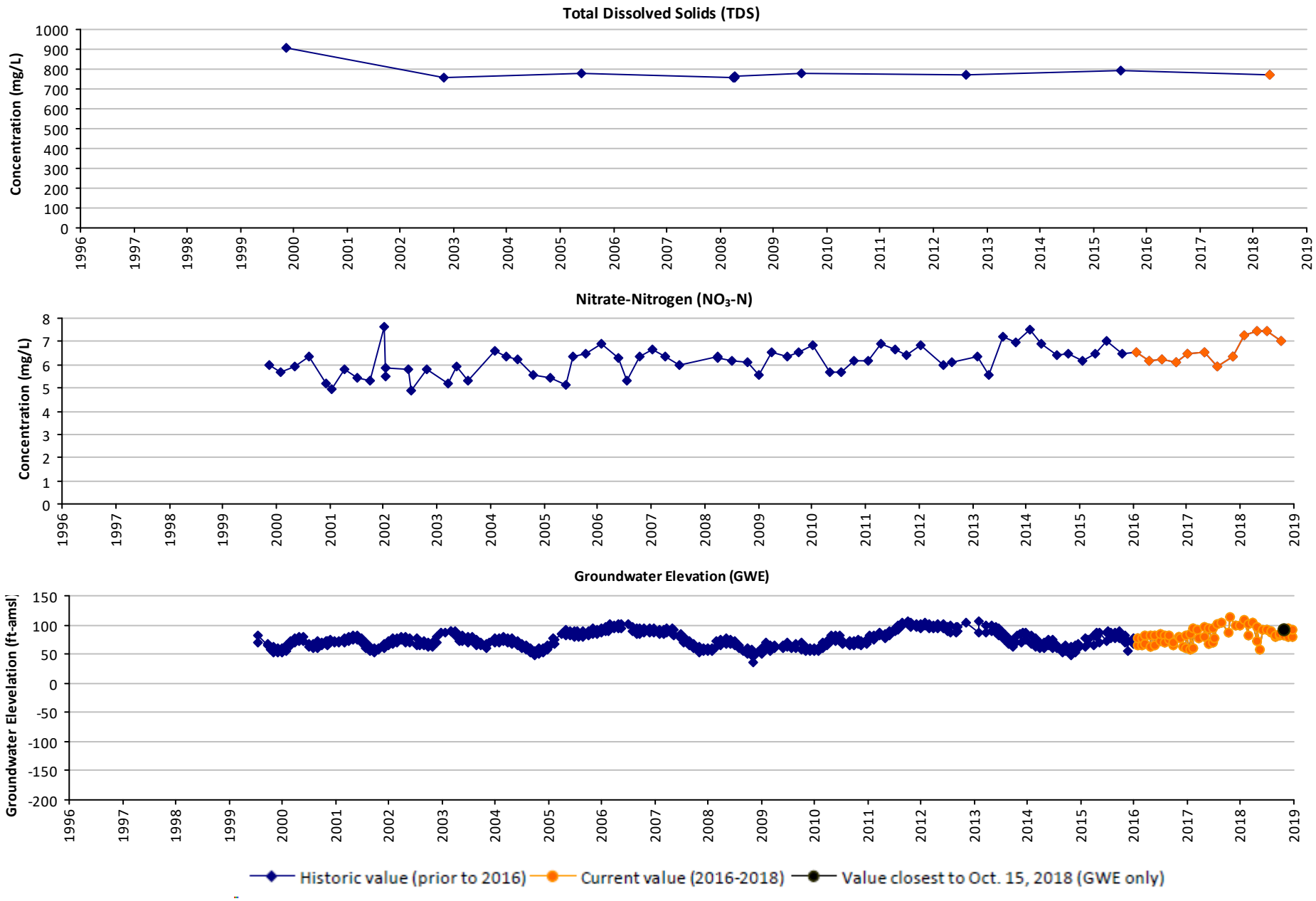

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
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Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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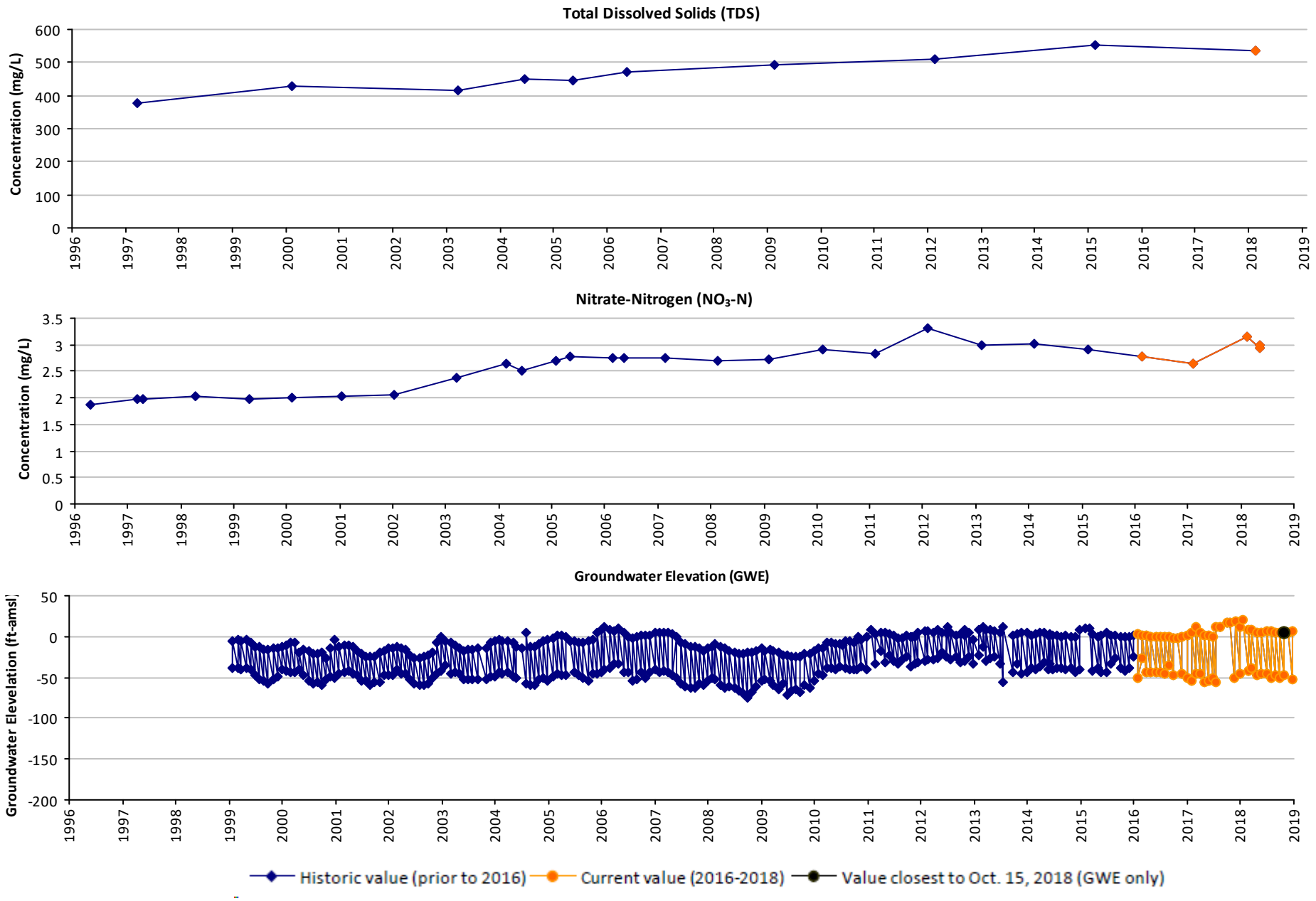
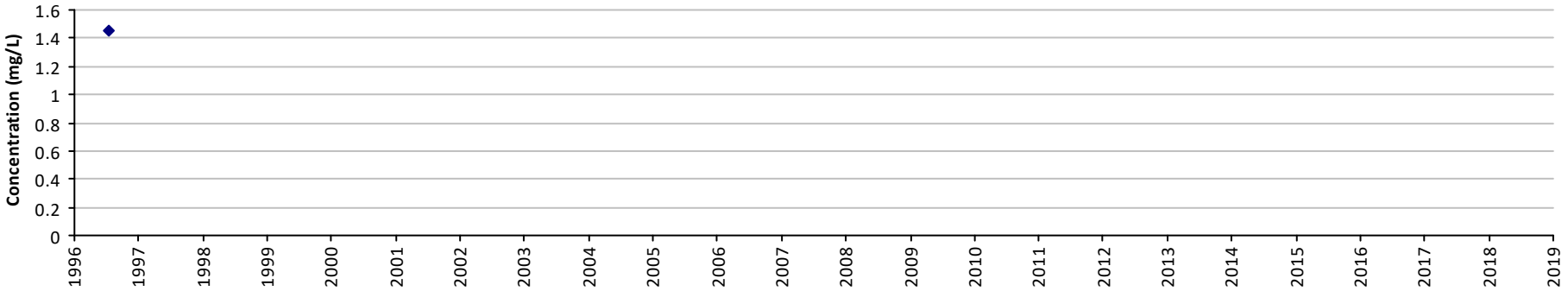
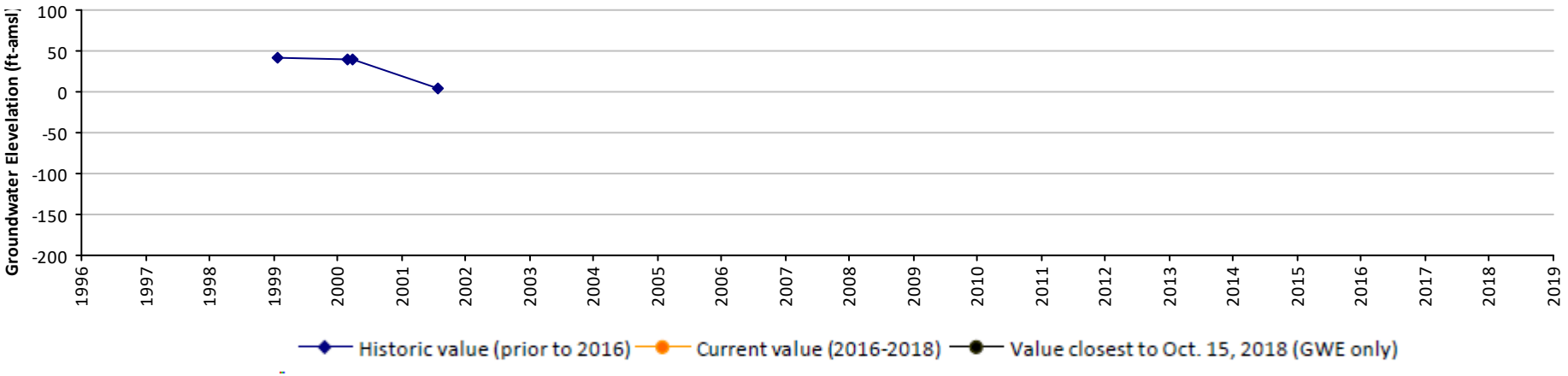

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

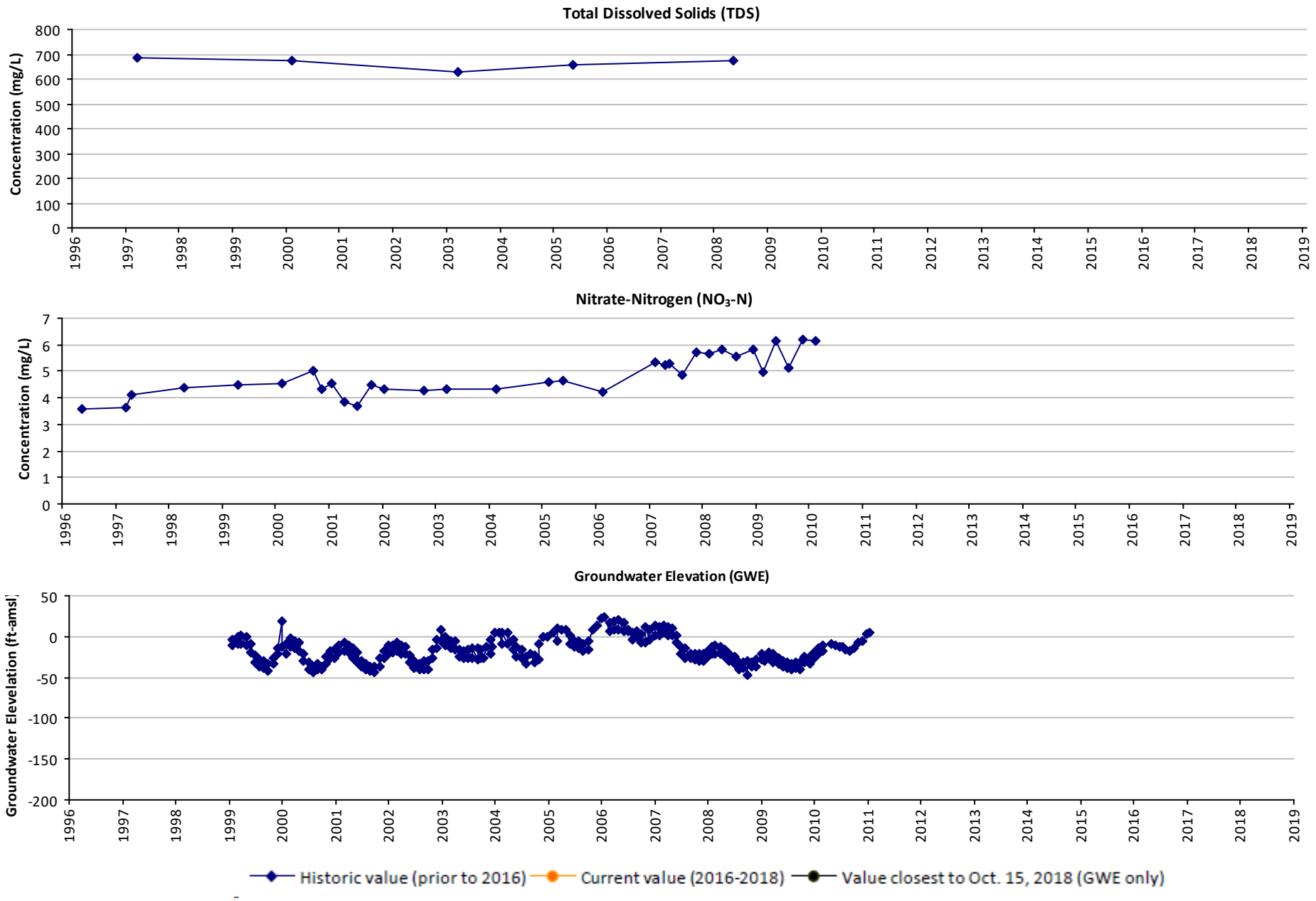
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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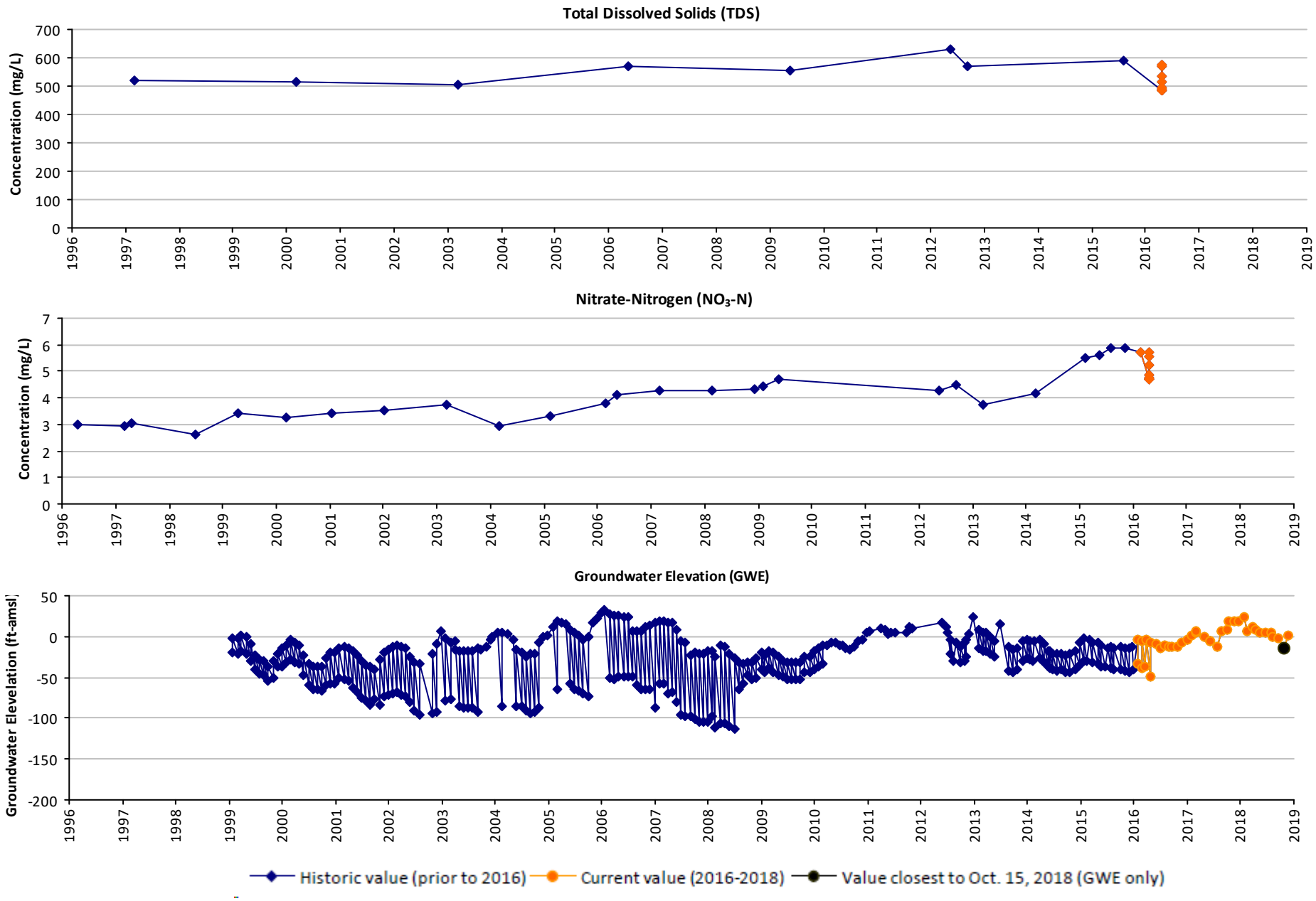
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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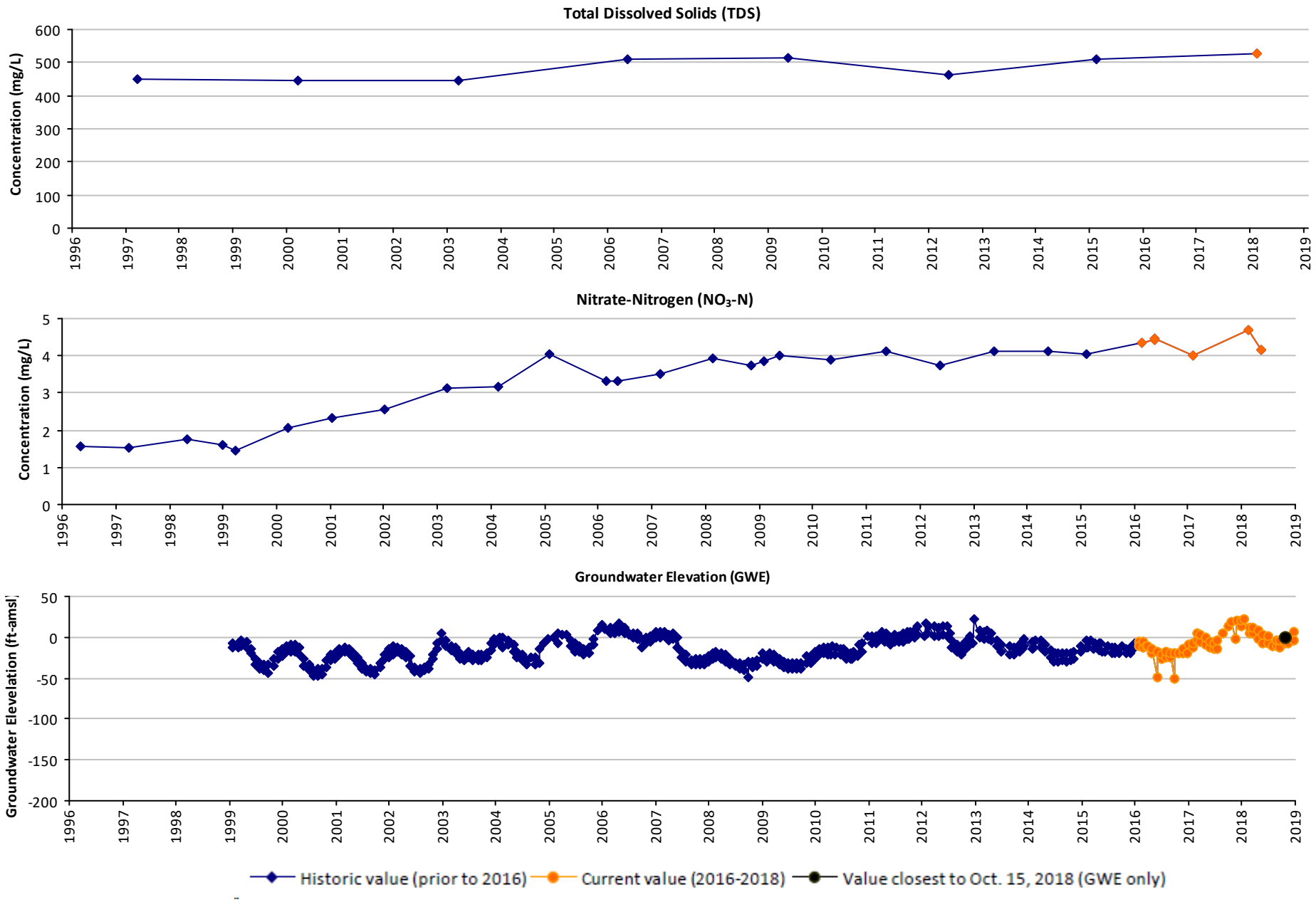
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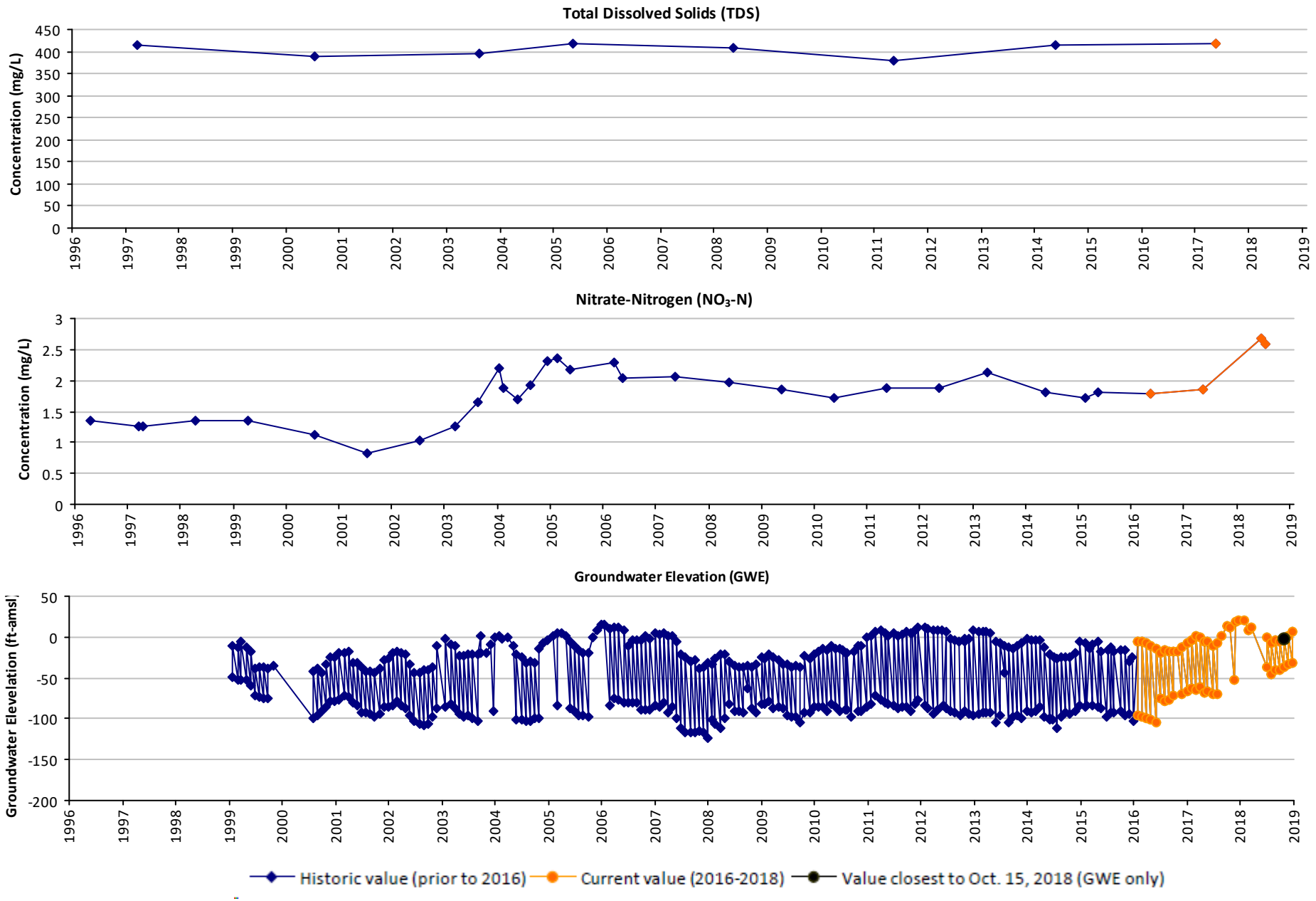
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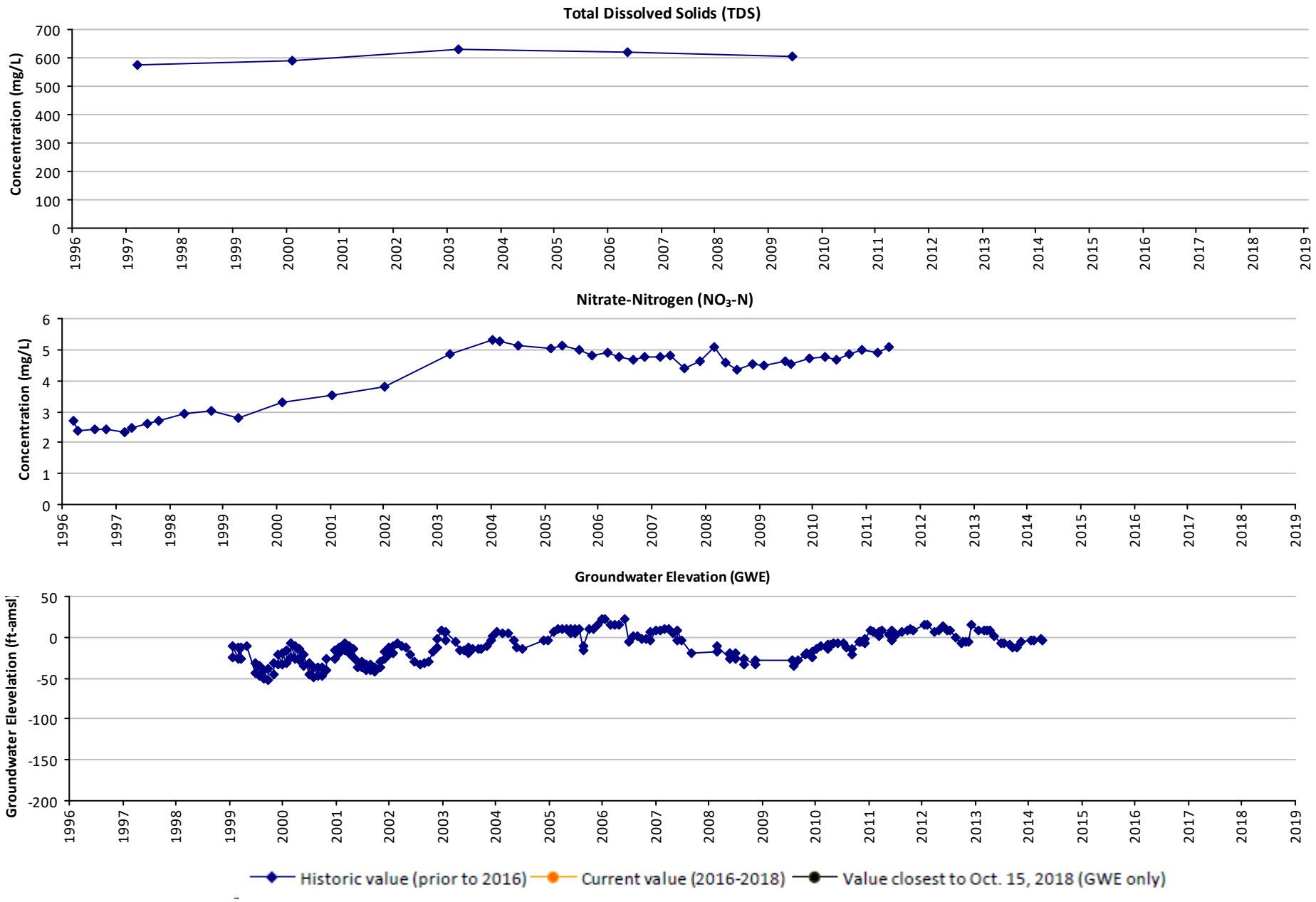
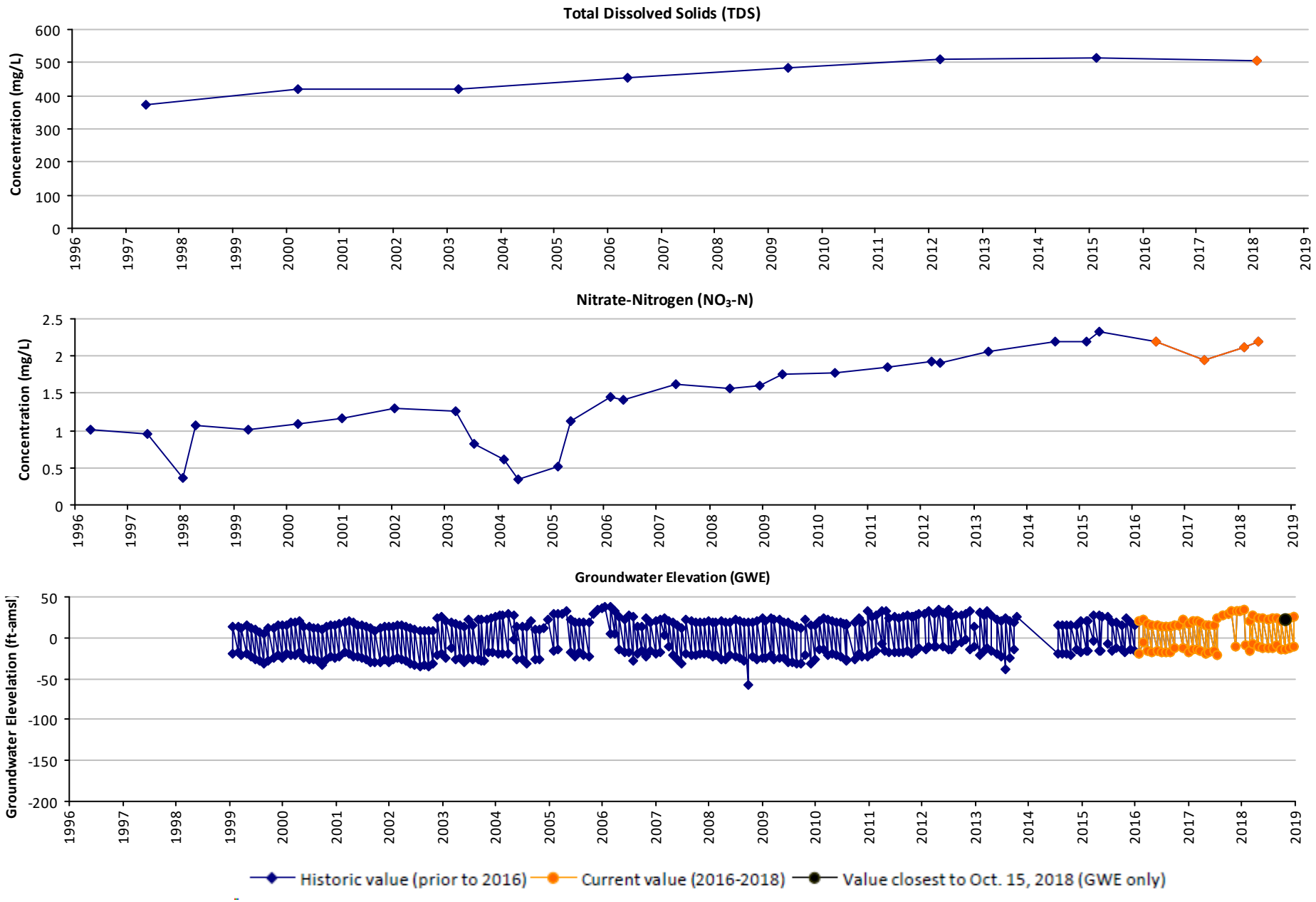
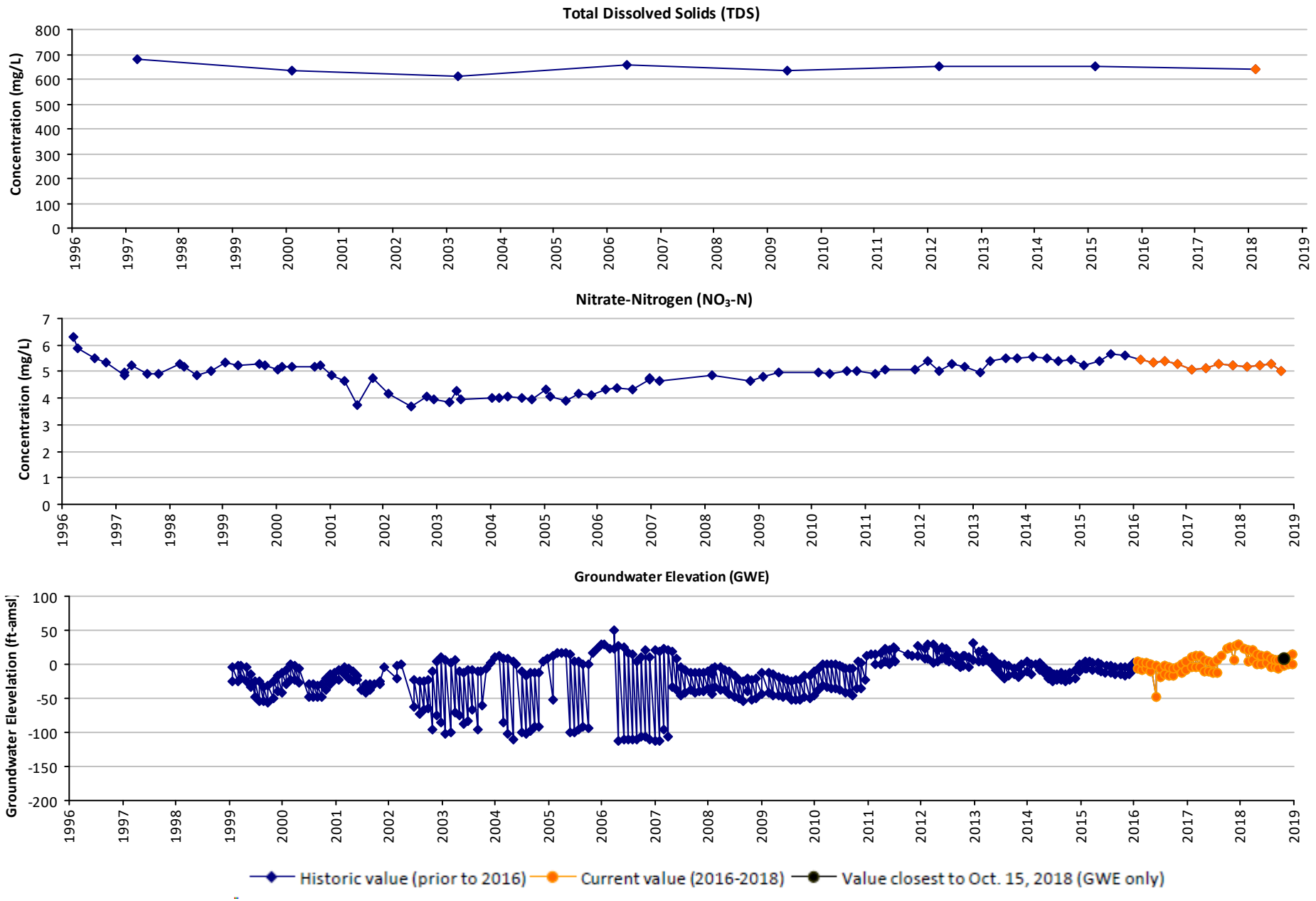

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
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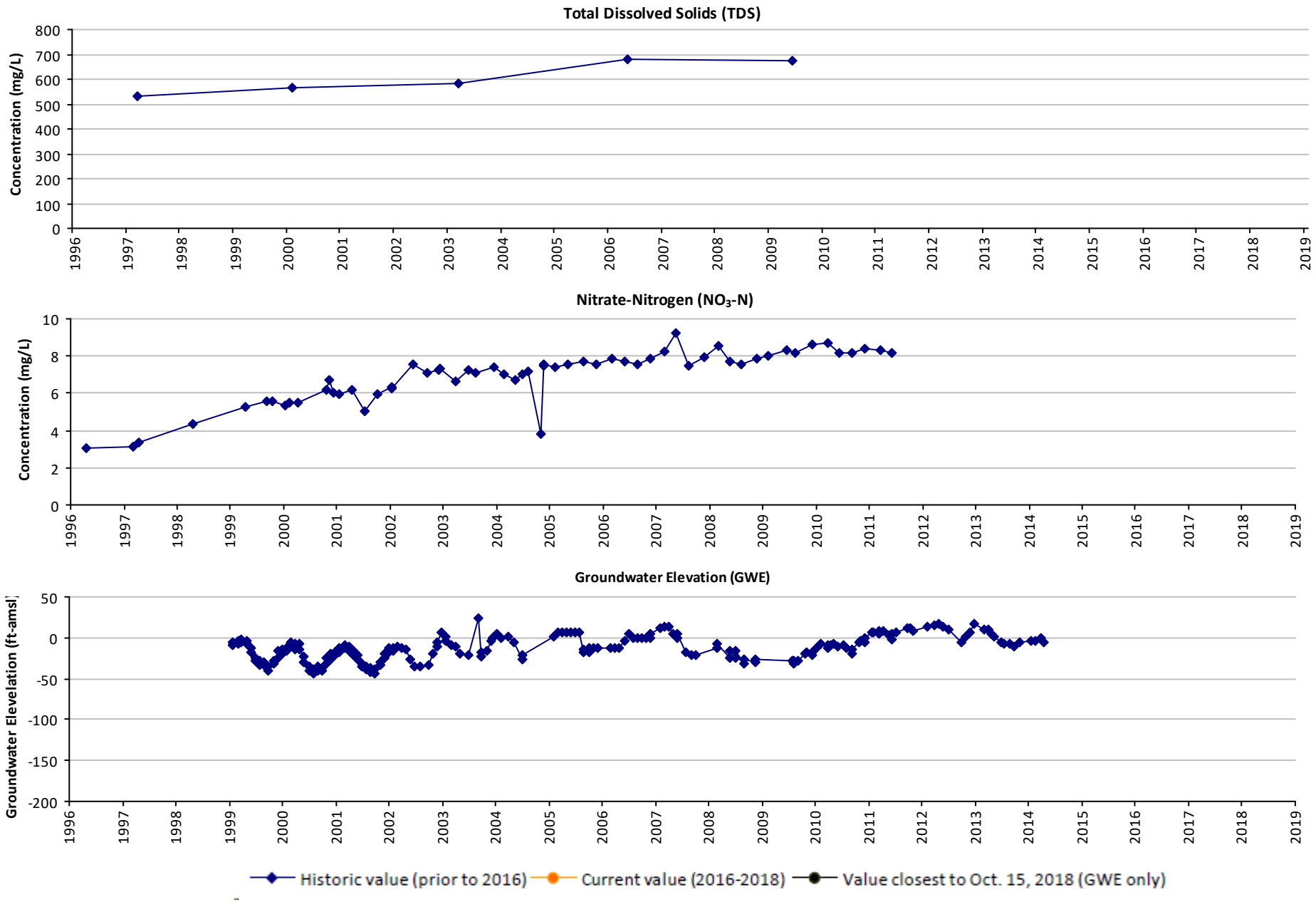
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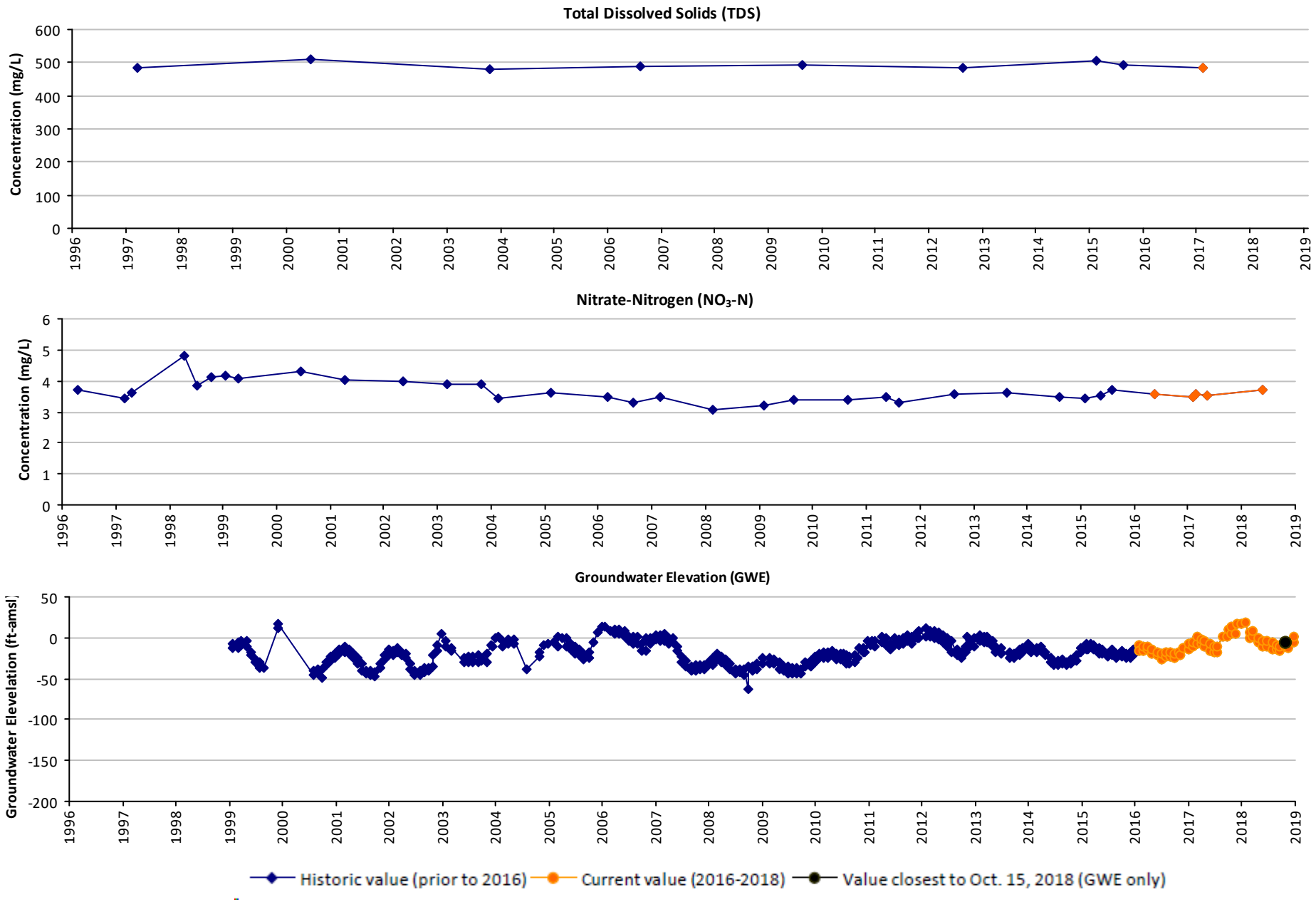
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
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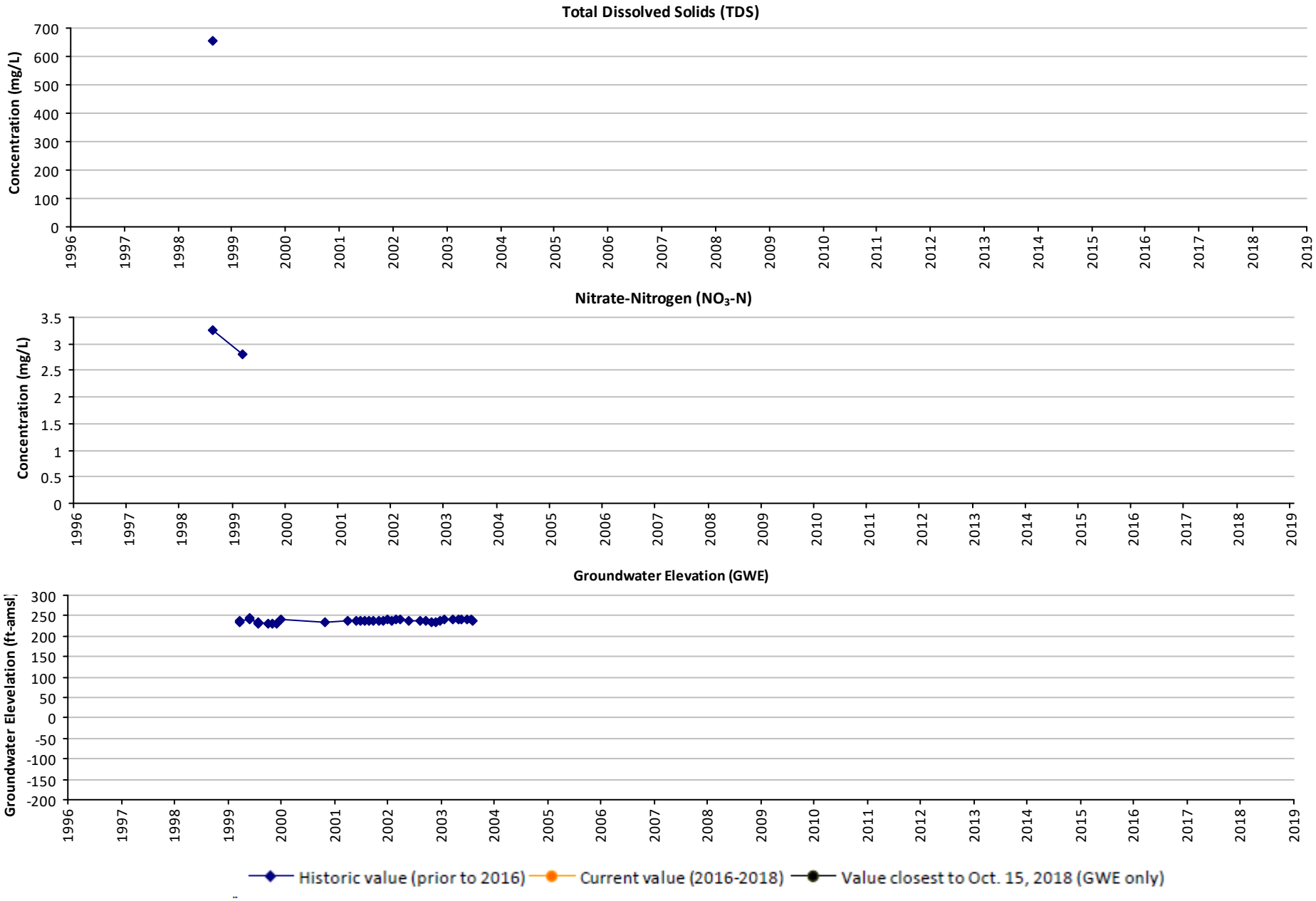
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Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
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Groundwater Elevation (GWE)
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Historic value (prior to 2016)
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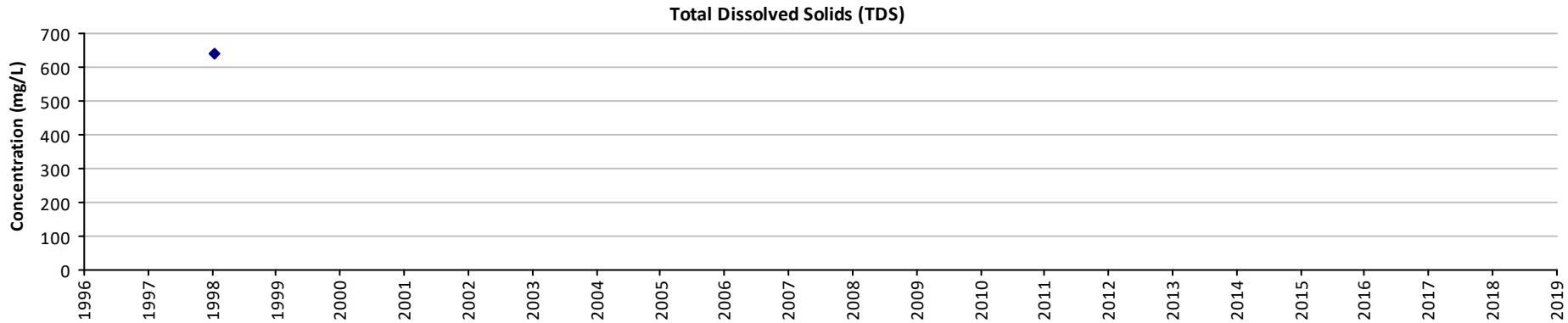
Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2012
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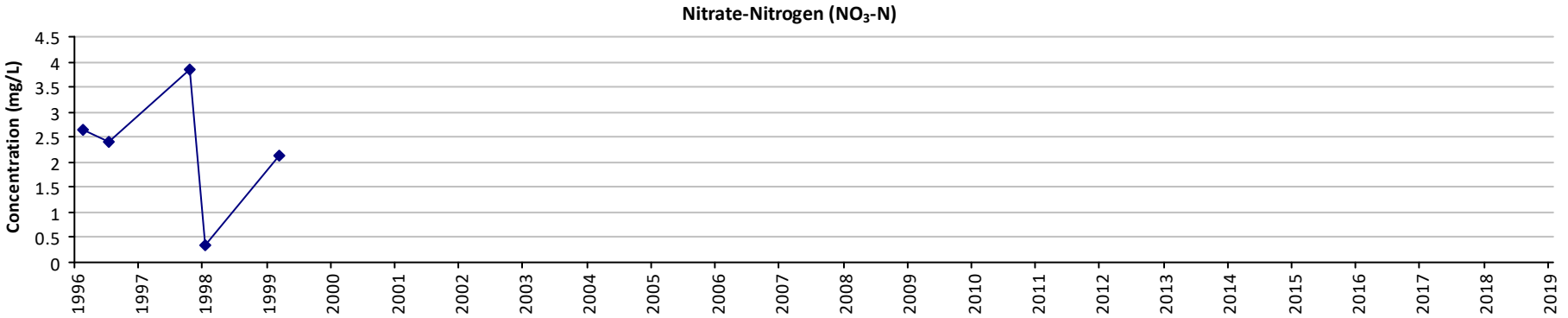
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
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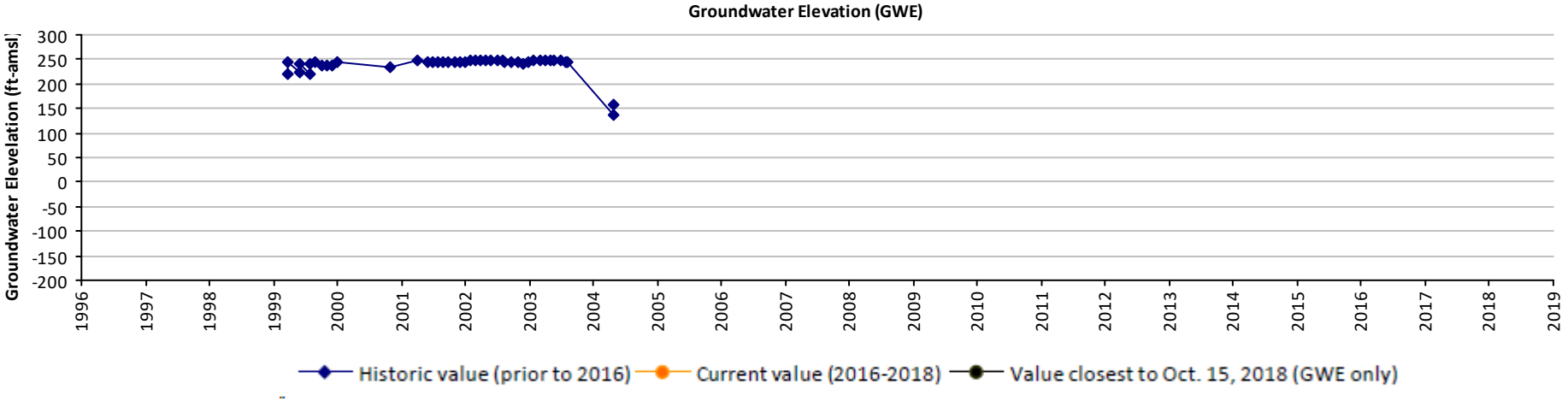
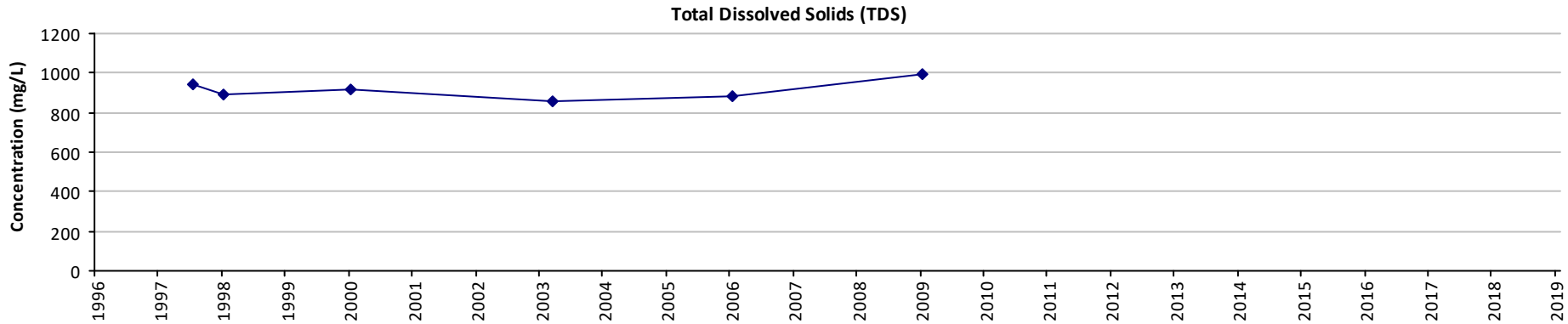
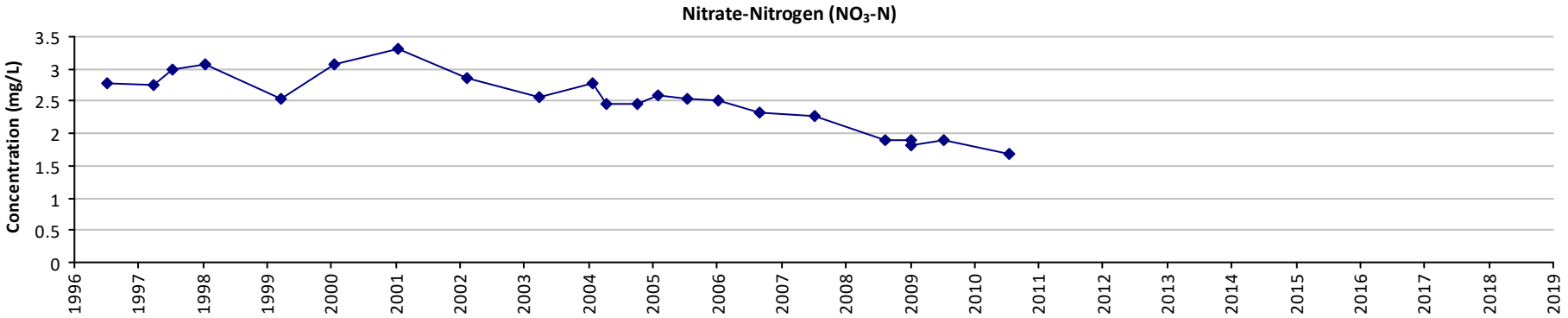
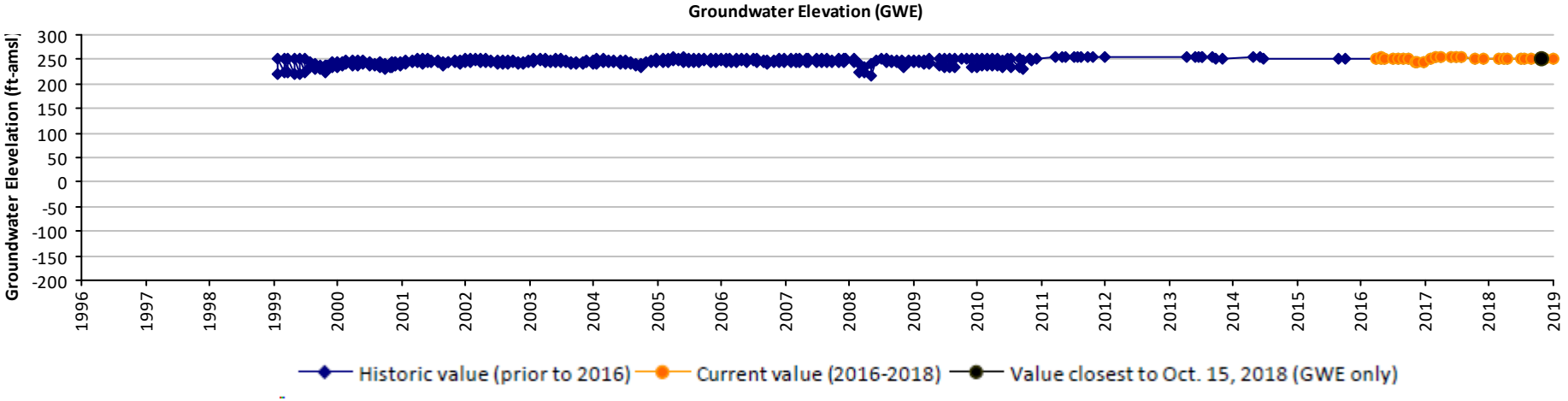
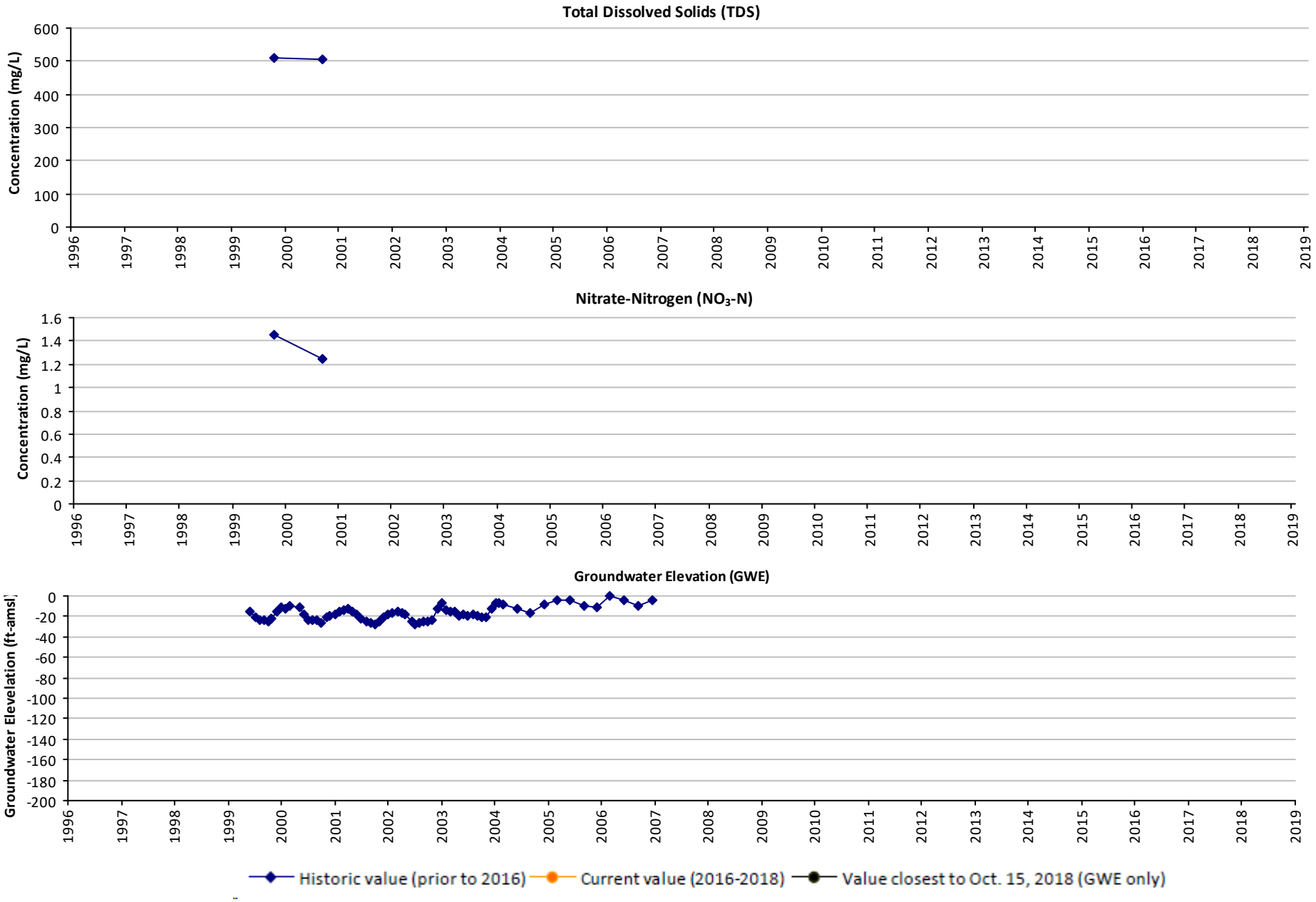
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

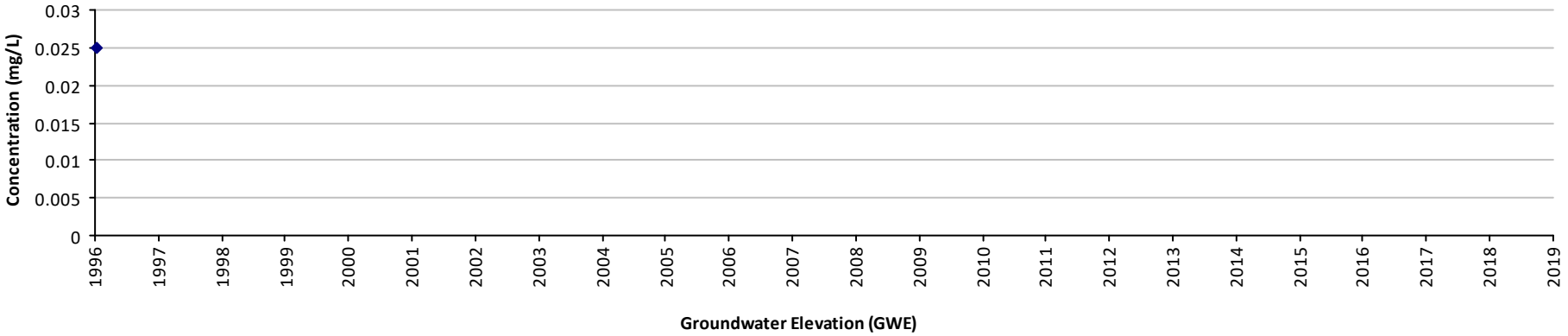

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

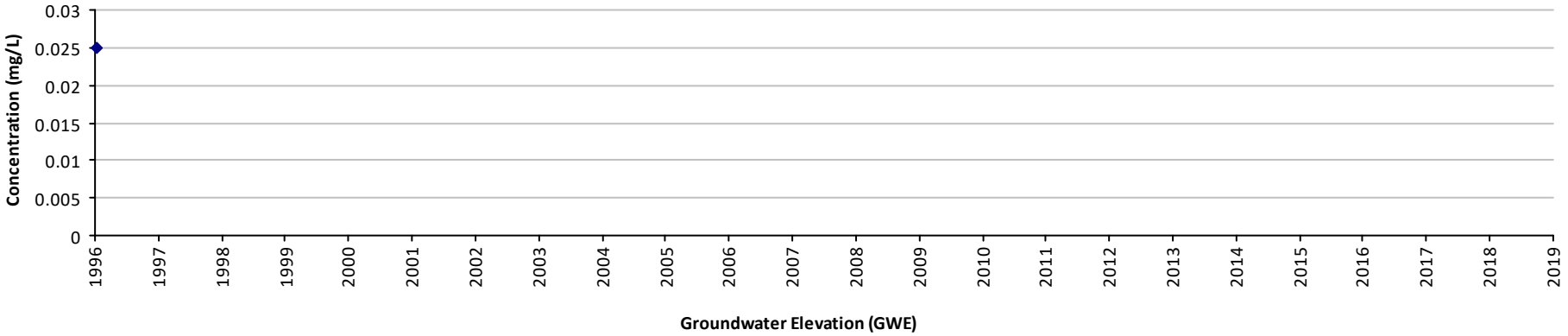
Nitrate-Nitrogen (NO_3-N)



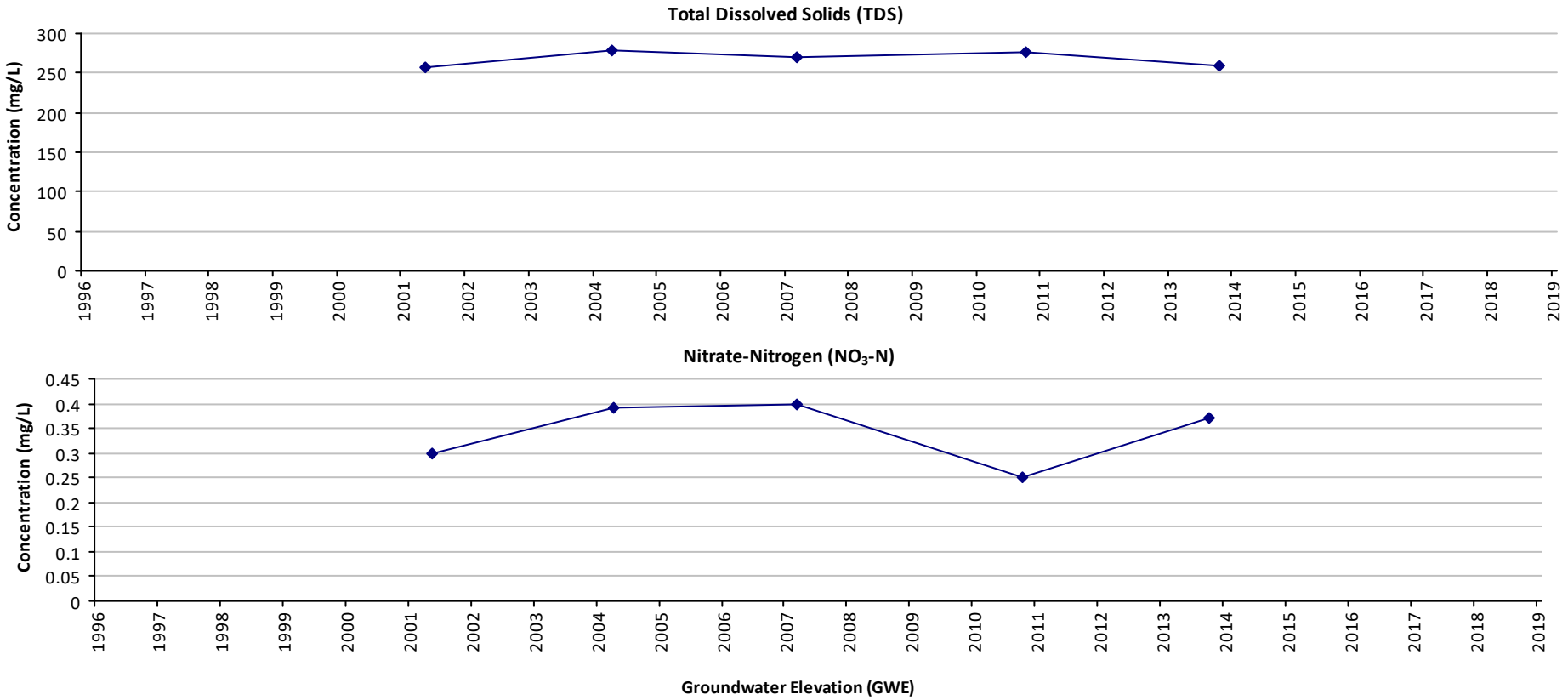
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

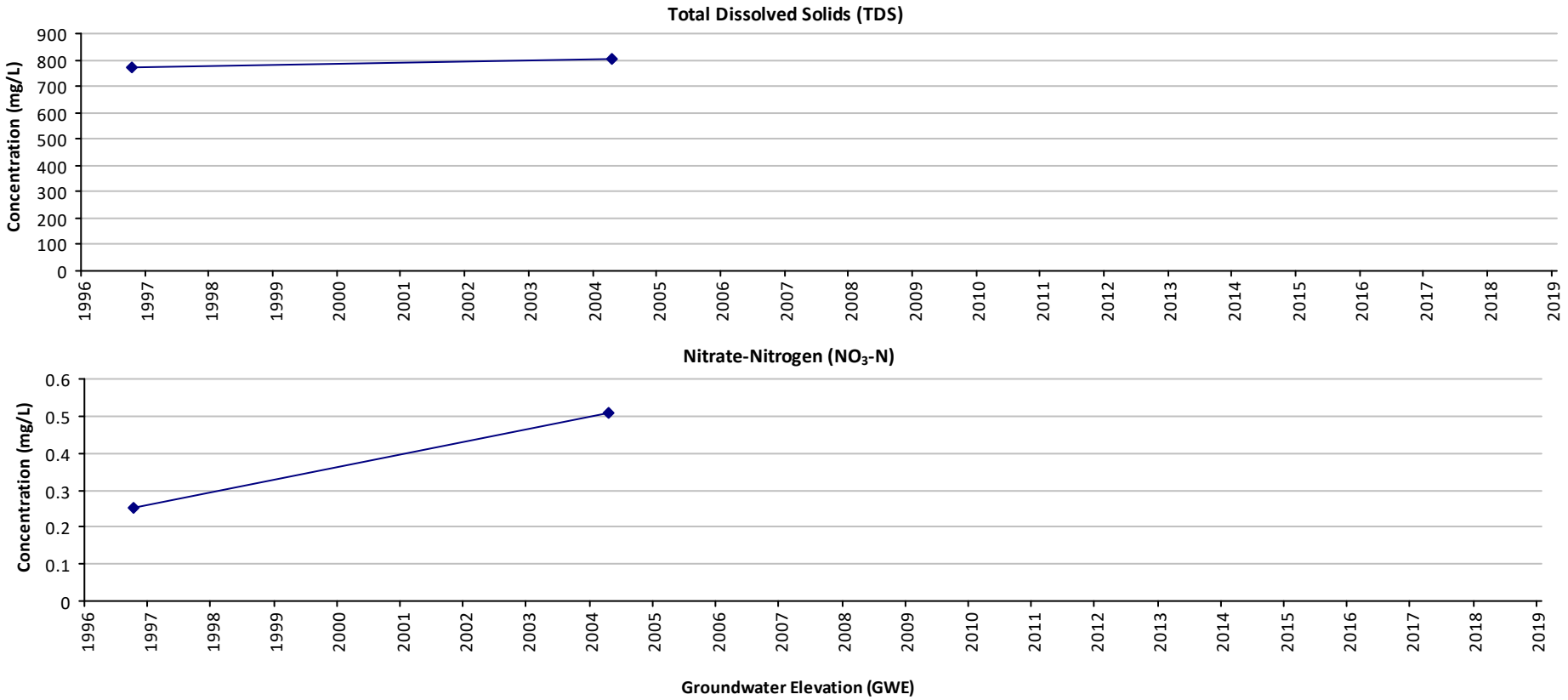
Total Dissolved Solids (TDS)

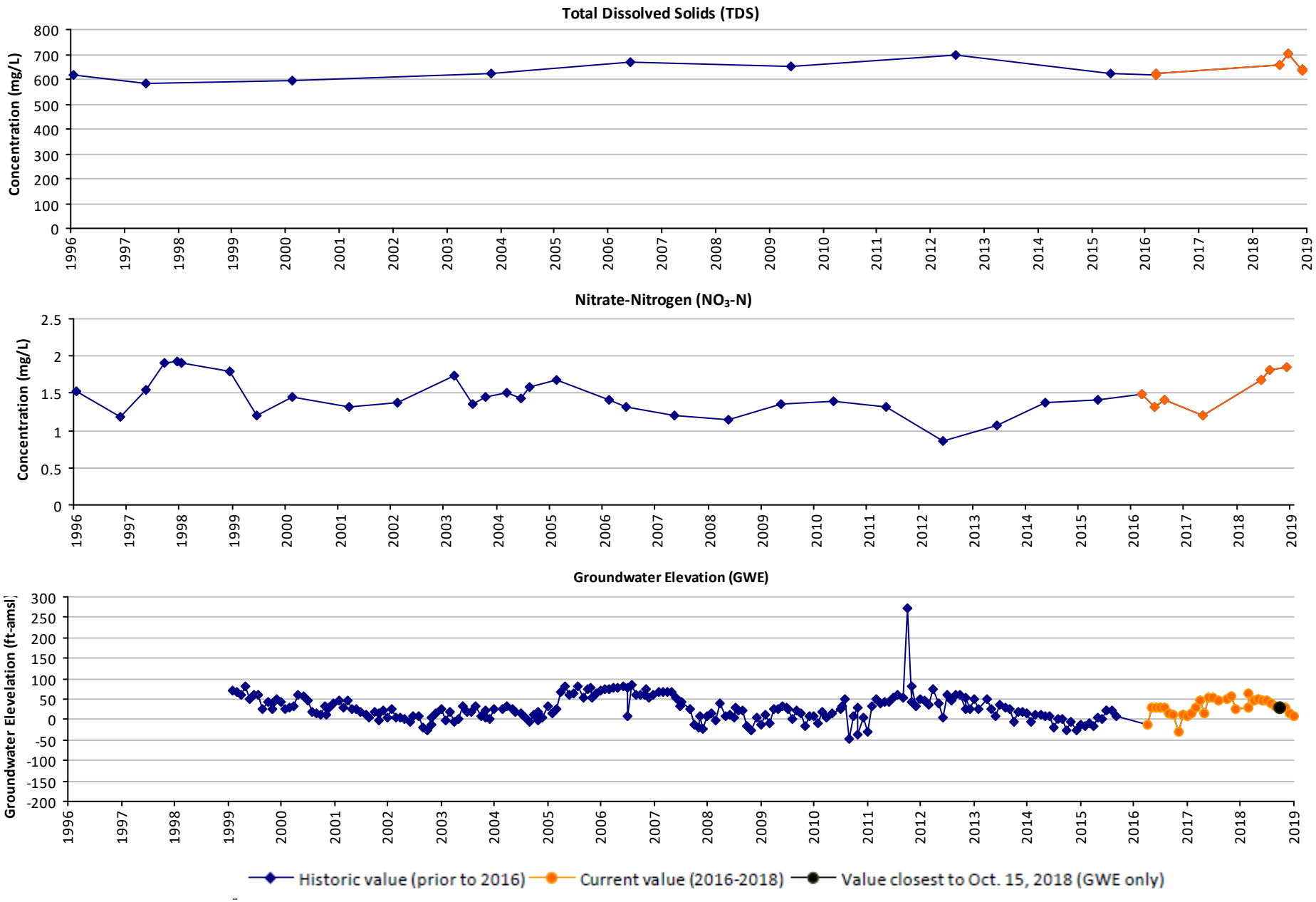
Nitrate-Nitrogen (NO_3-N)

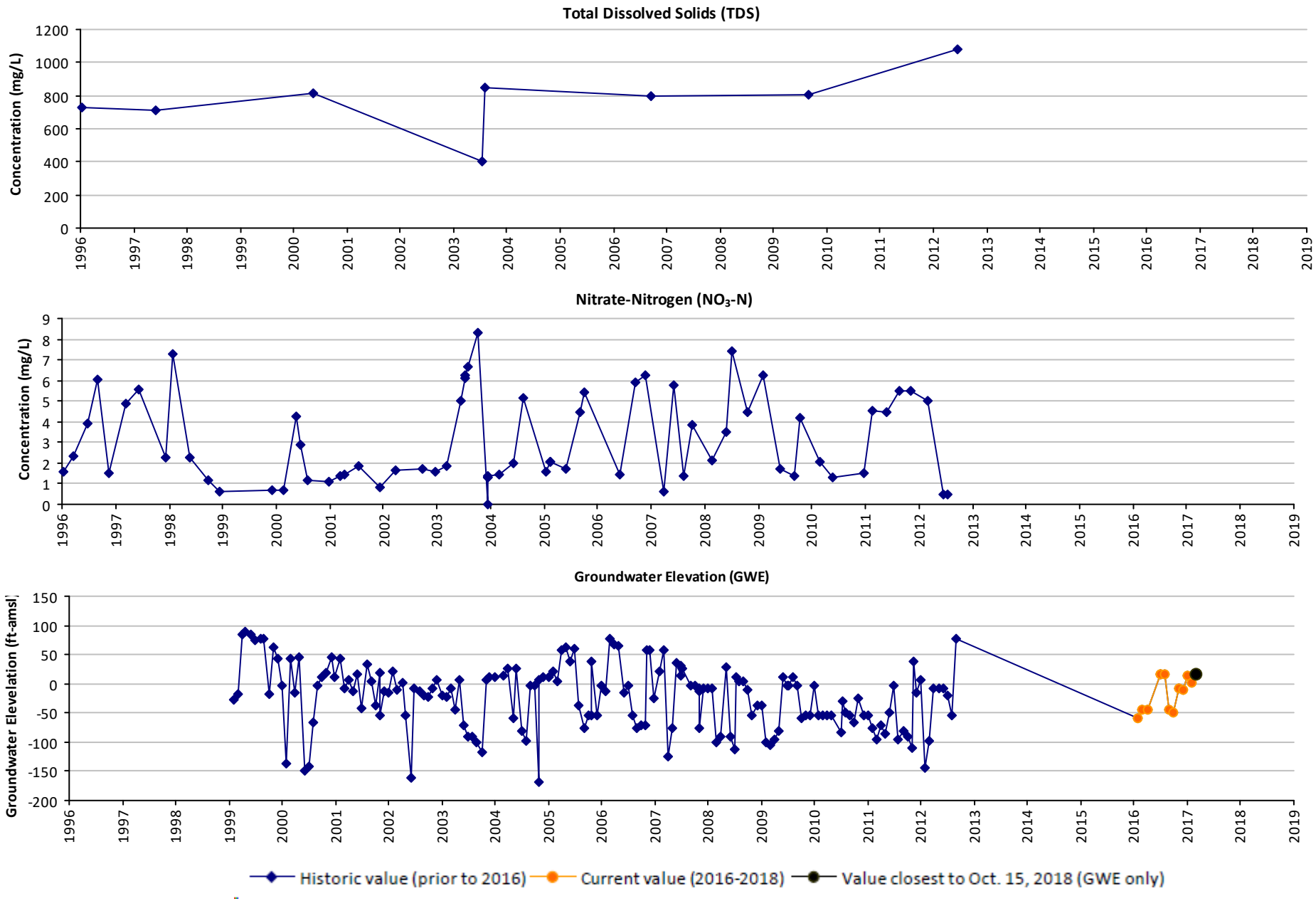


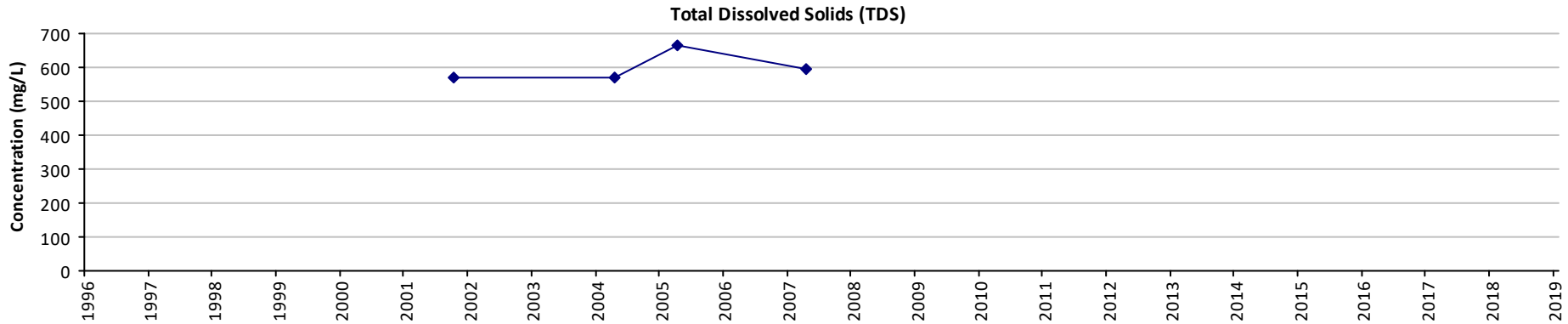
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

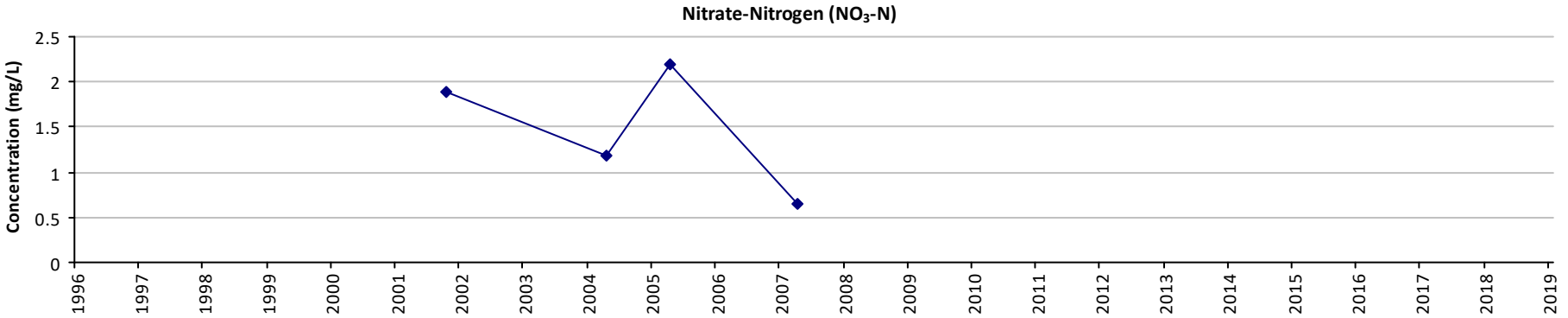

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

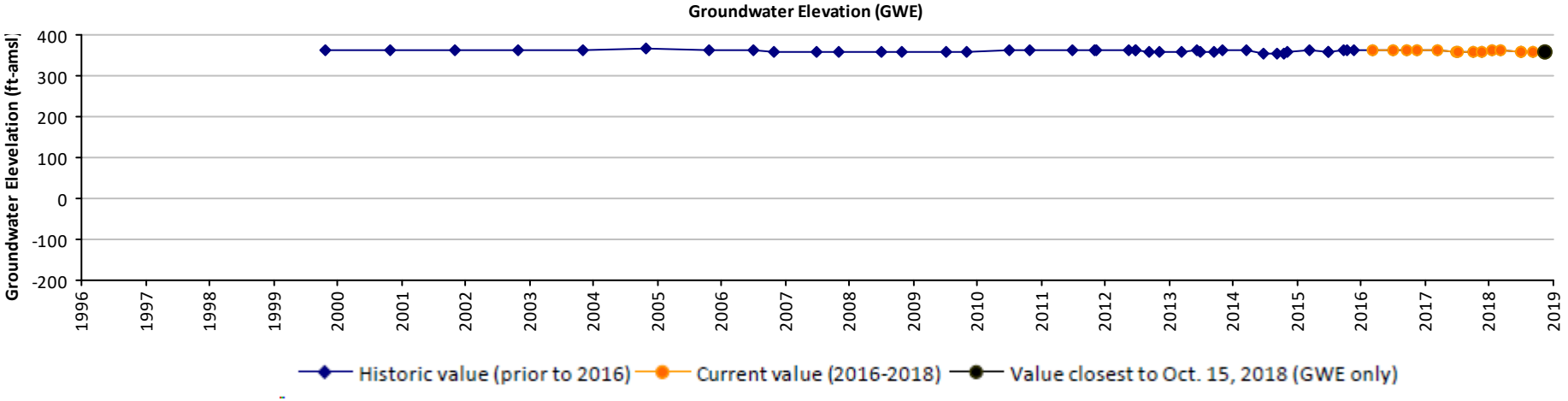

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

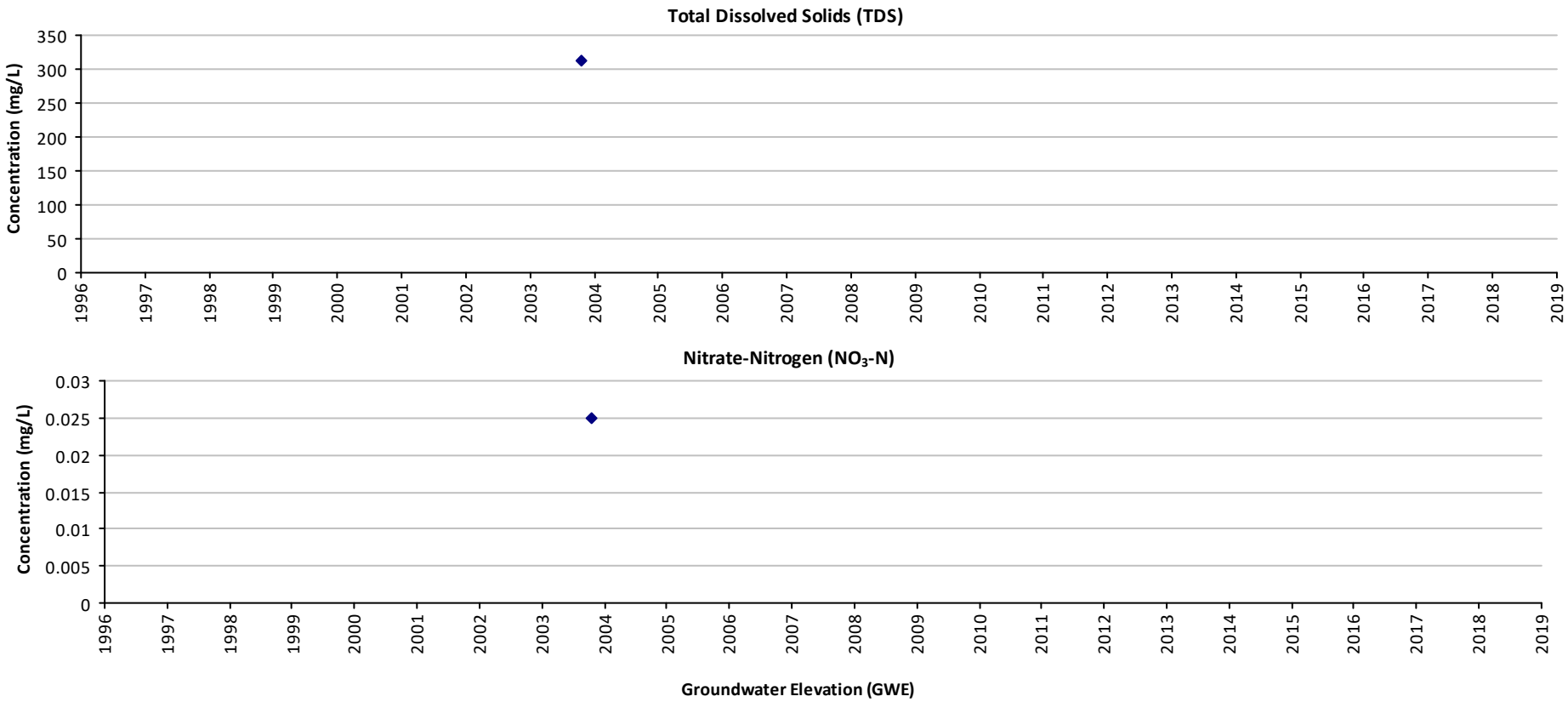

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

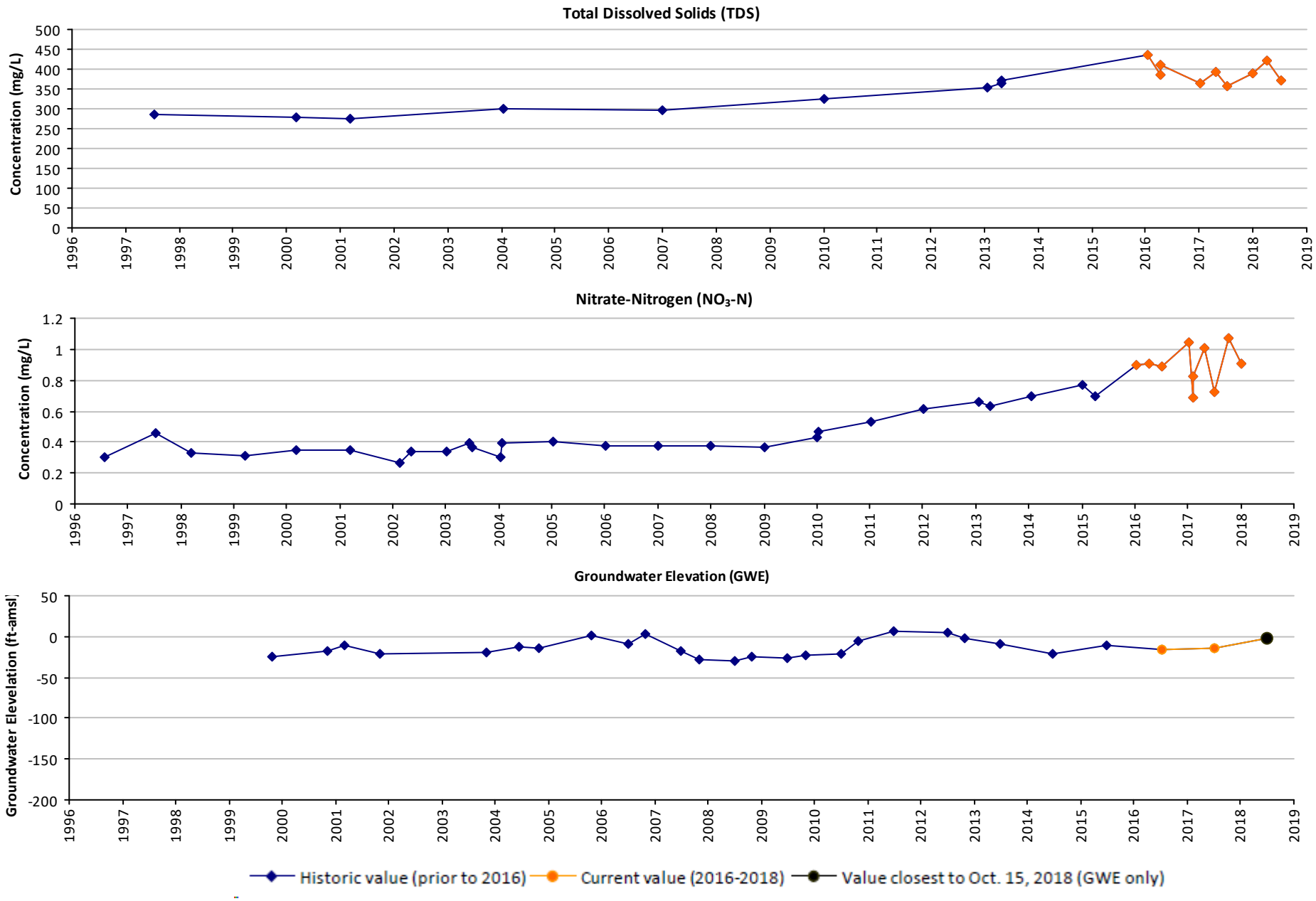

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

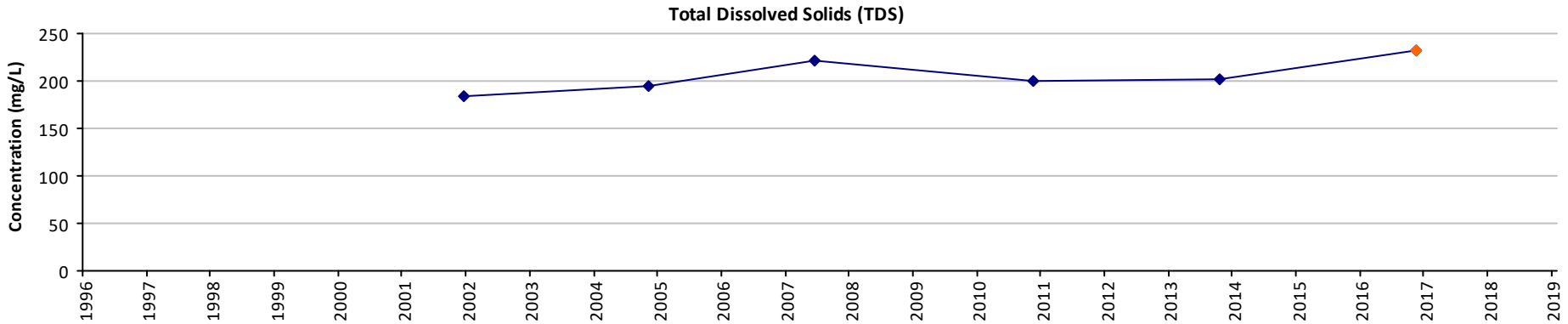

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

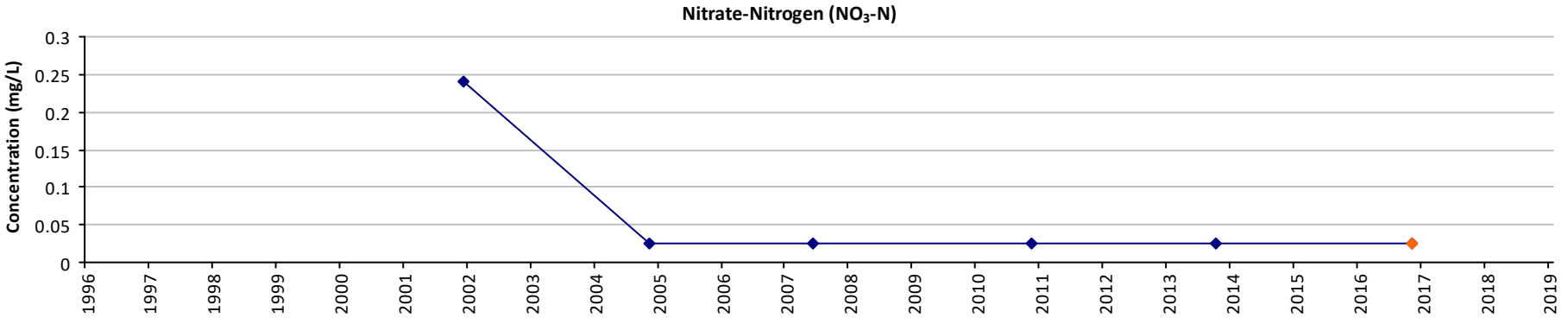

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

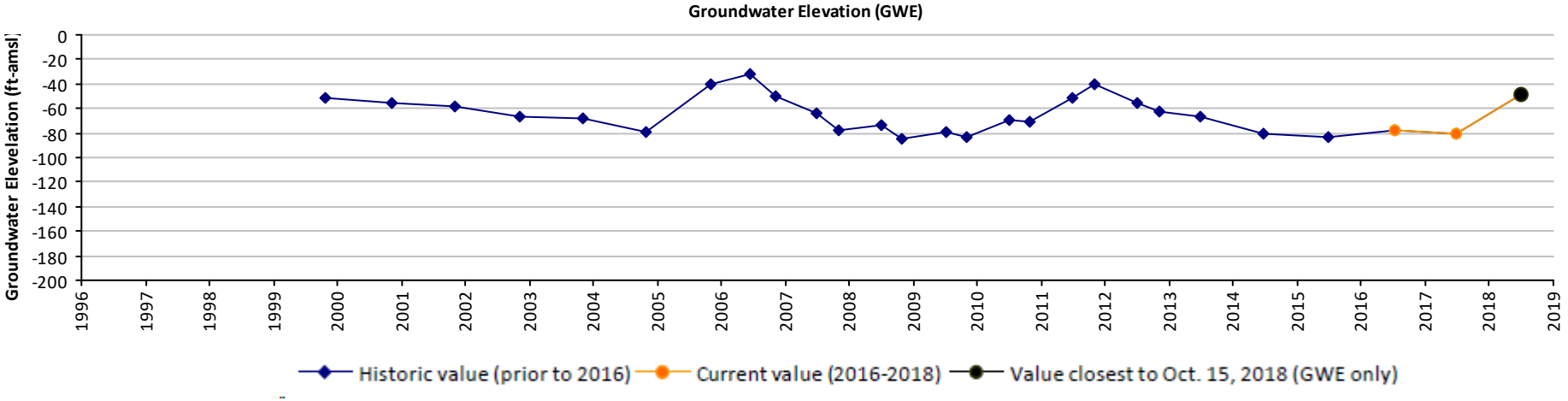

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

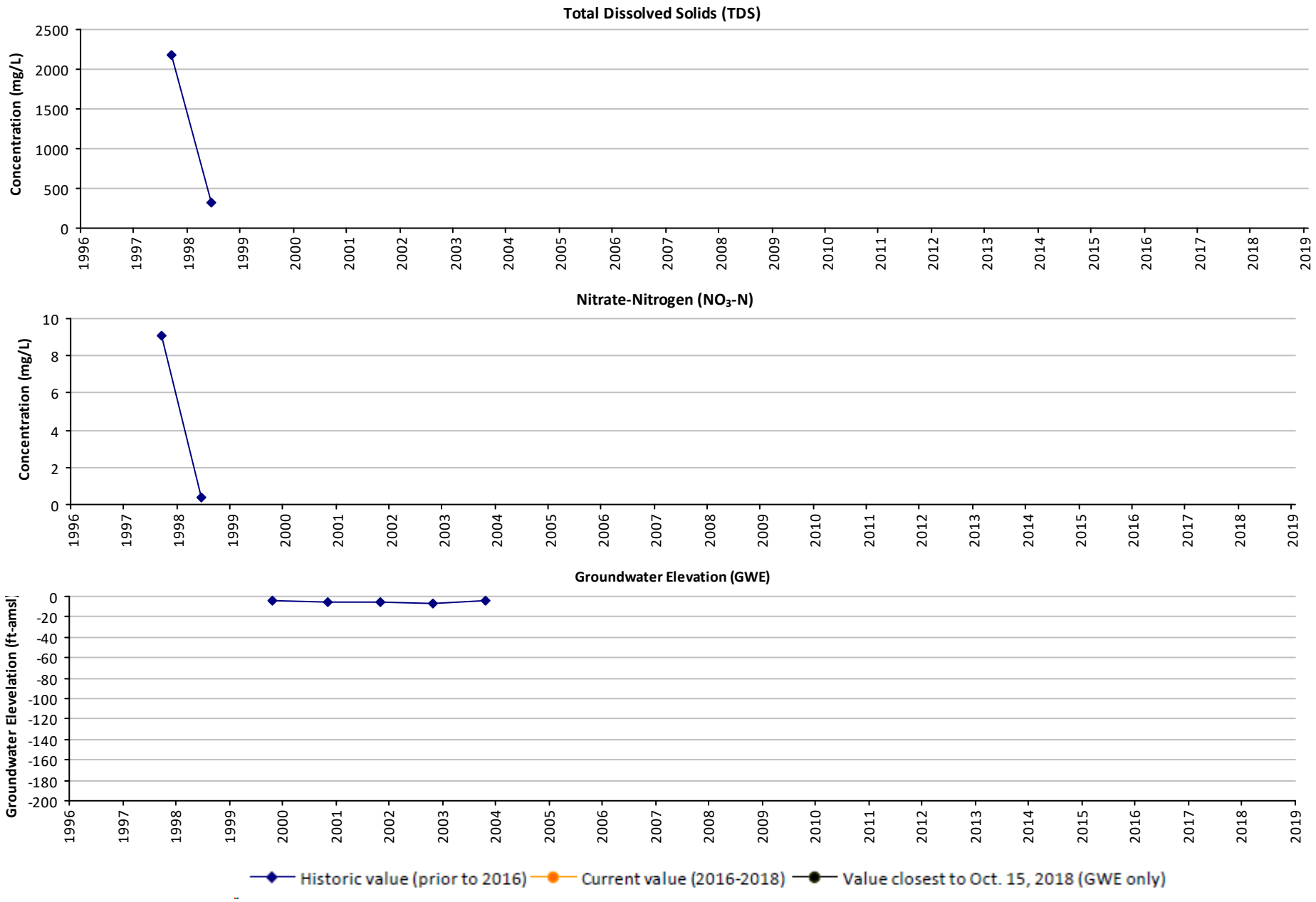

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

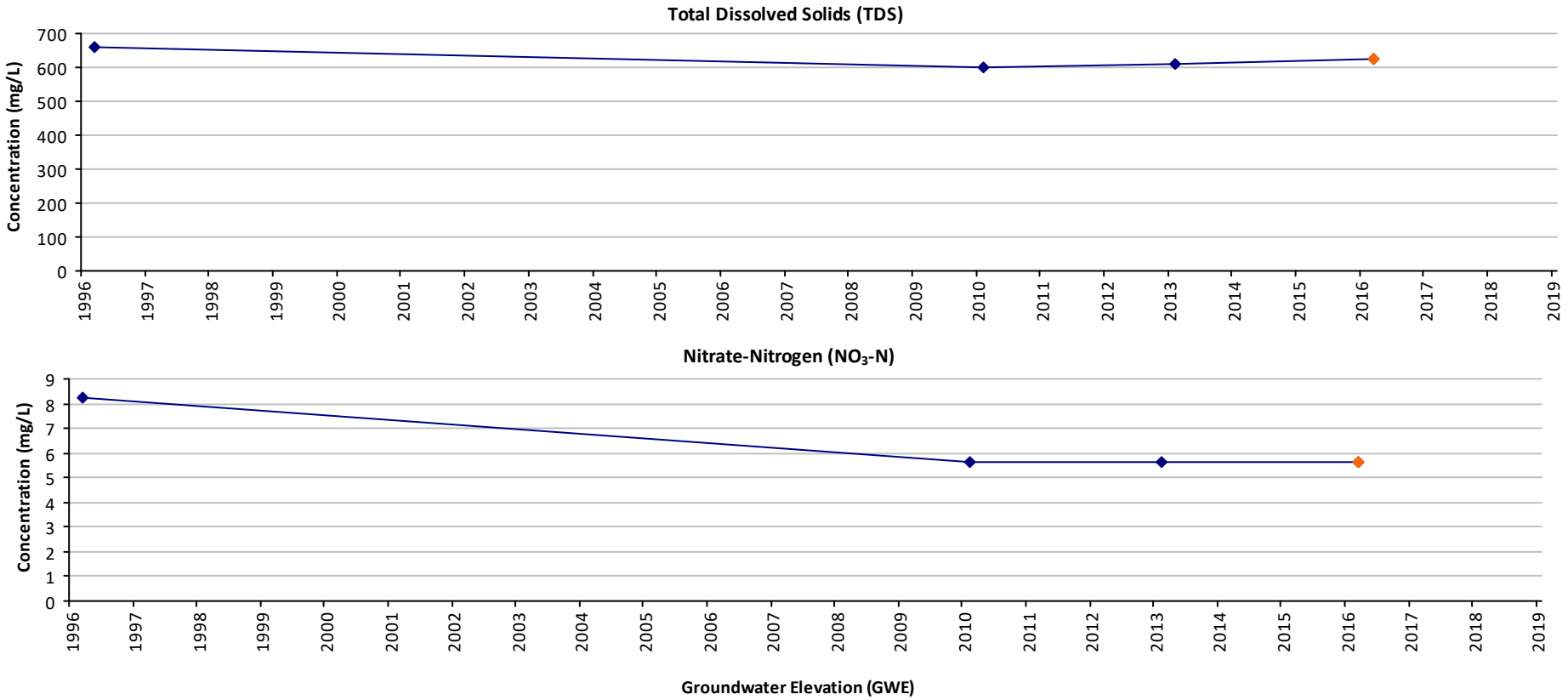

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

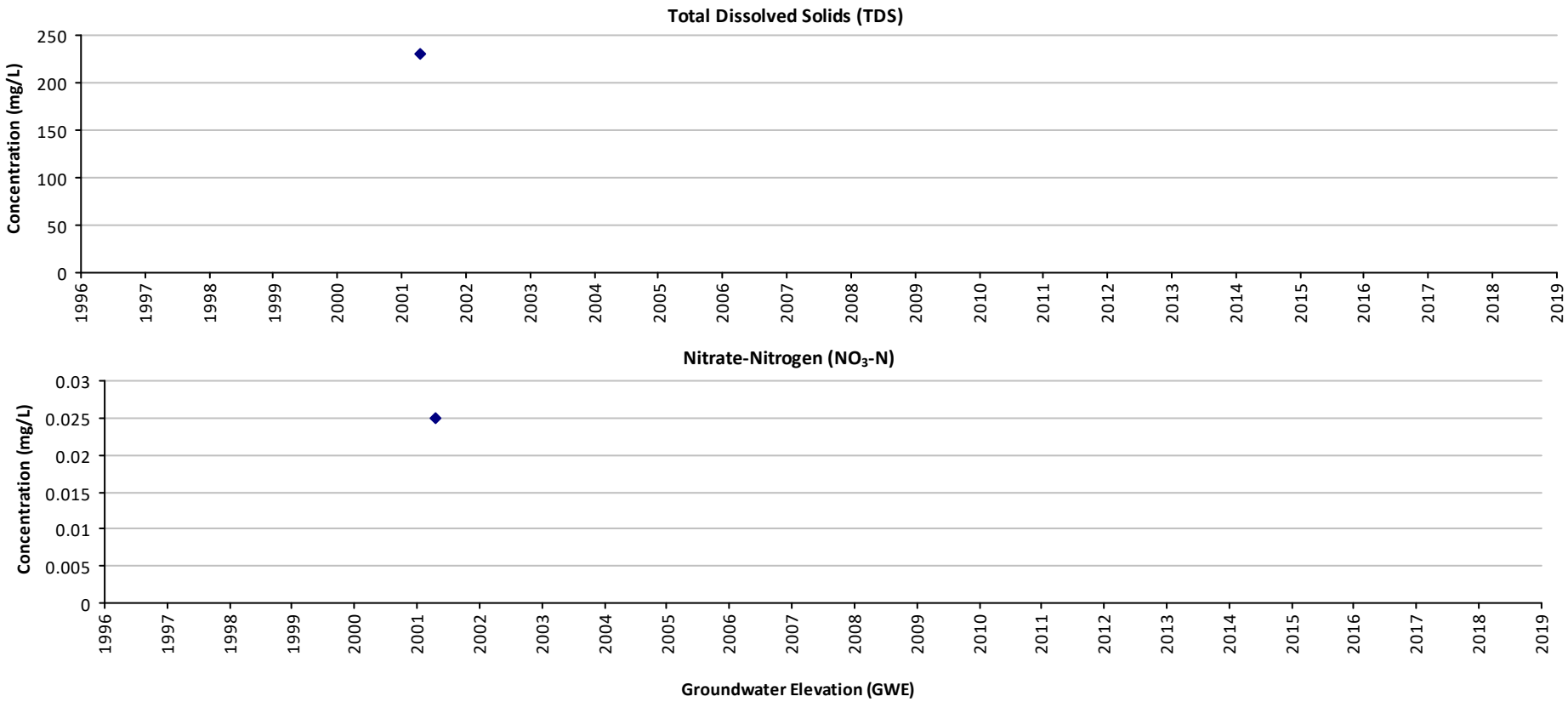

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

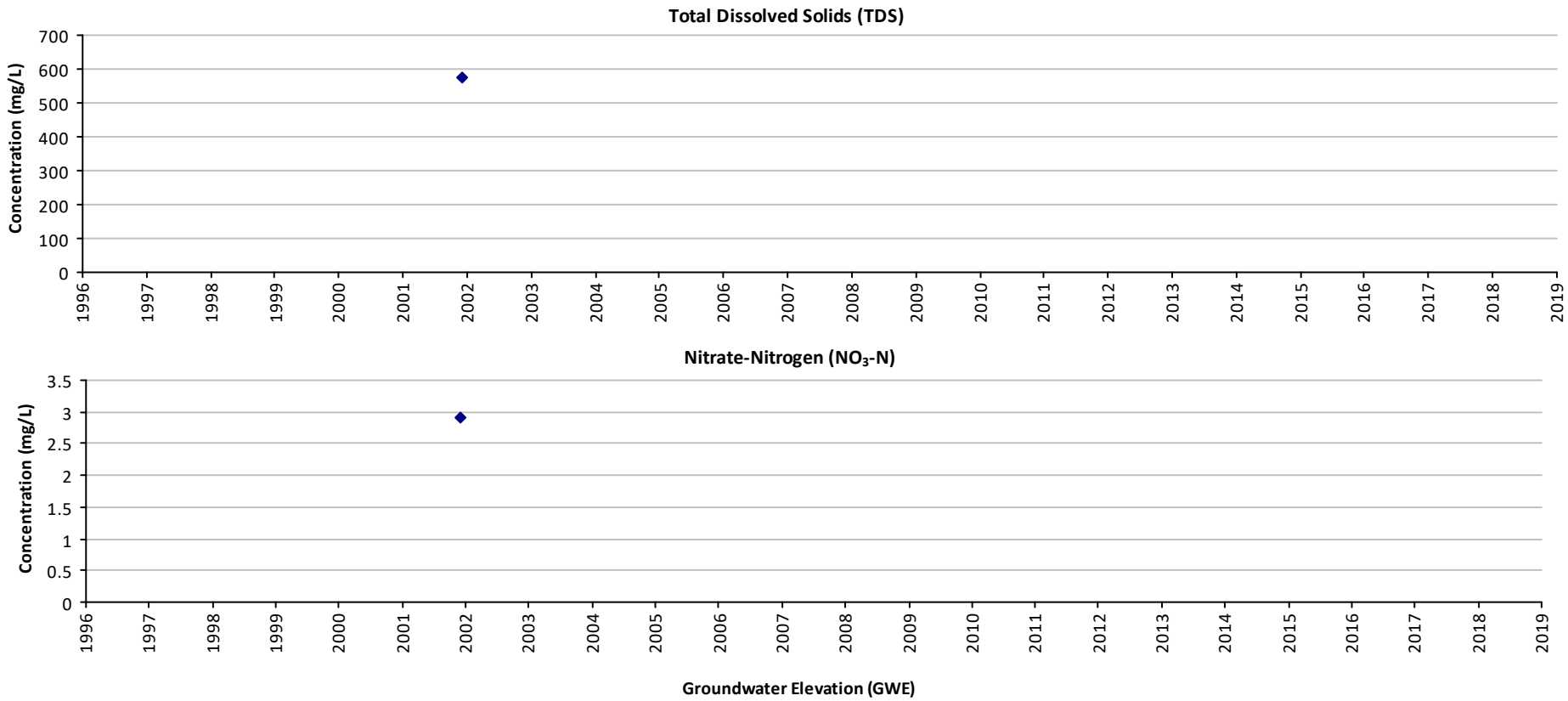

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

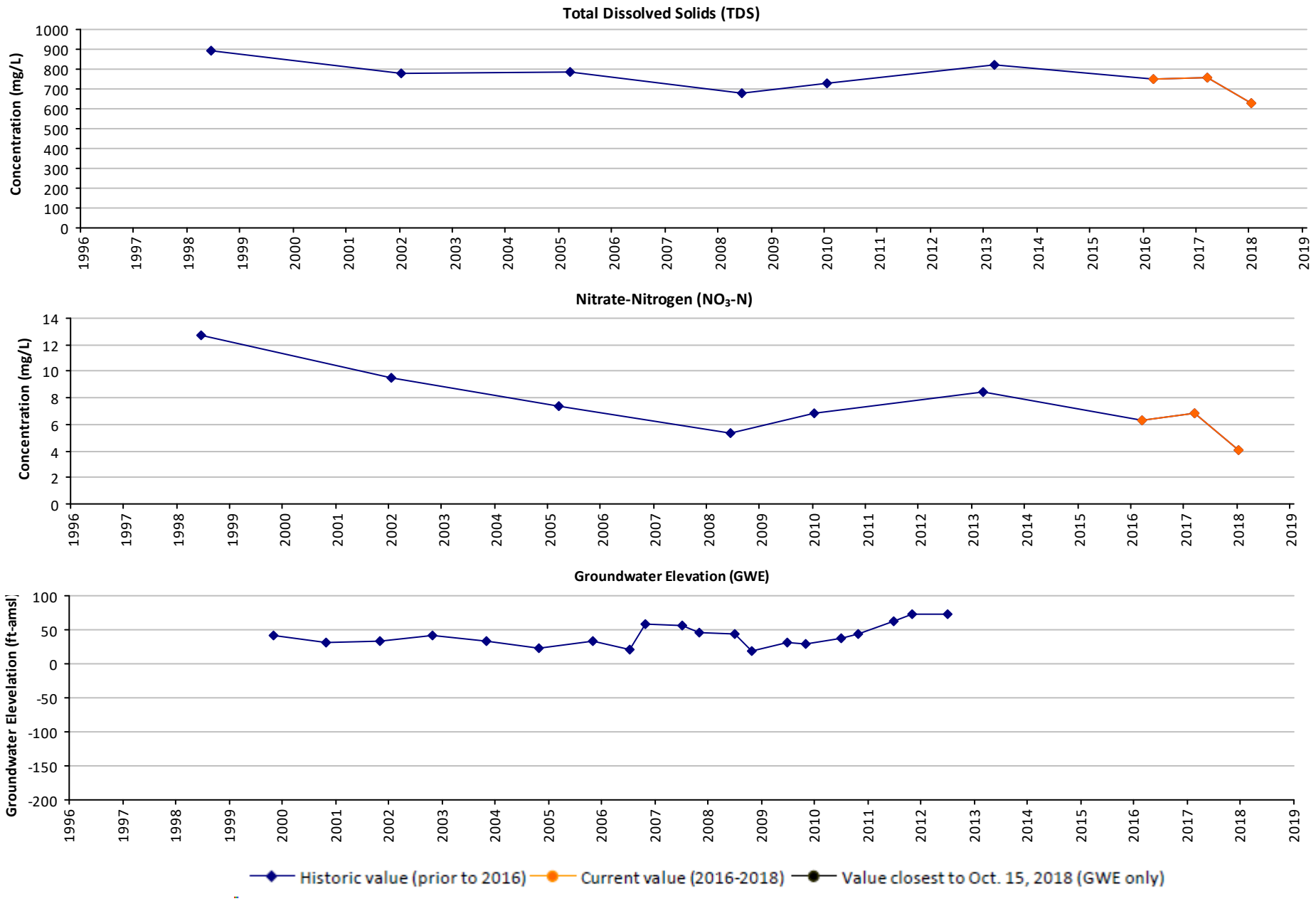


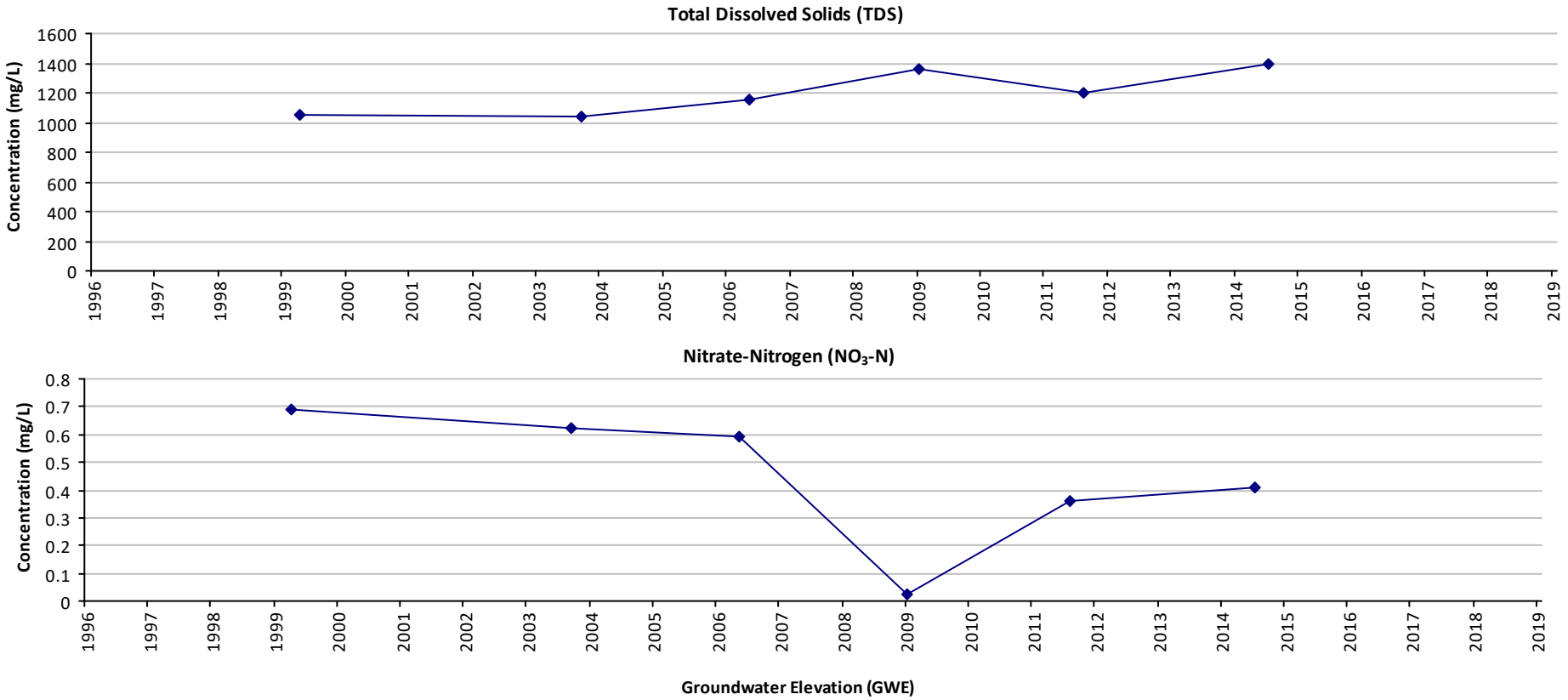
Groundwater Elevation (GWE)

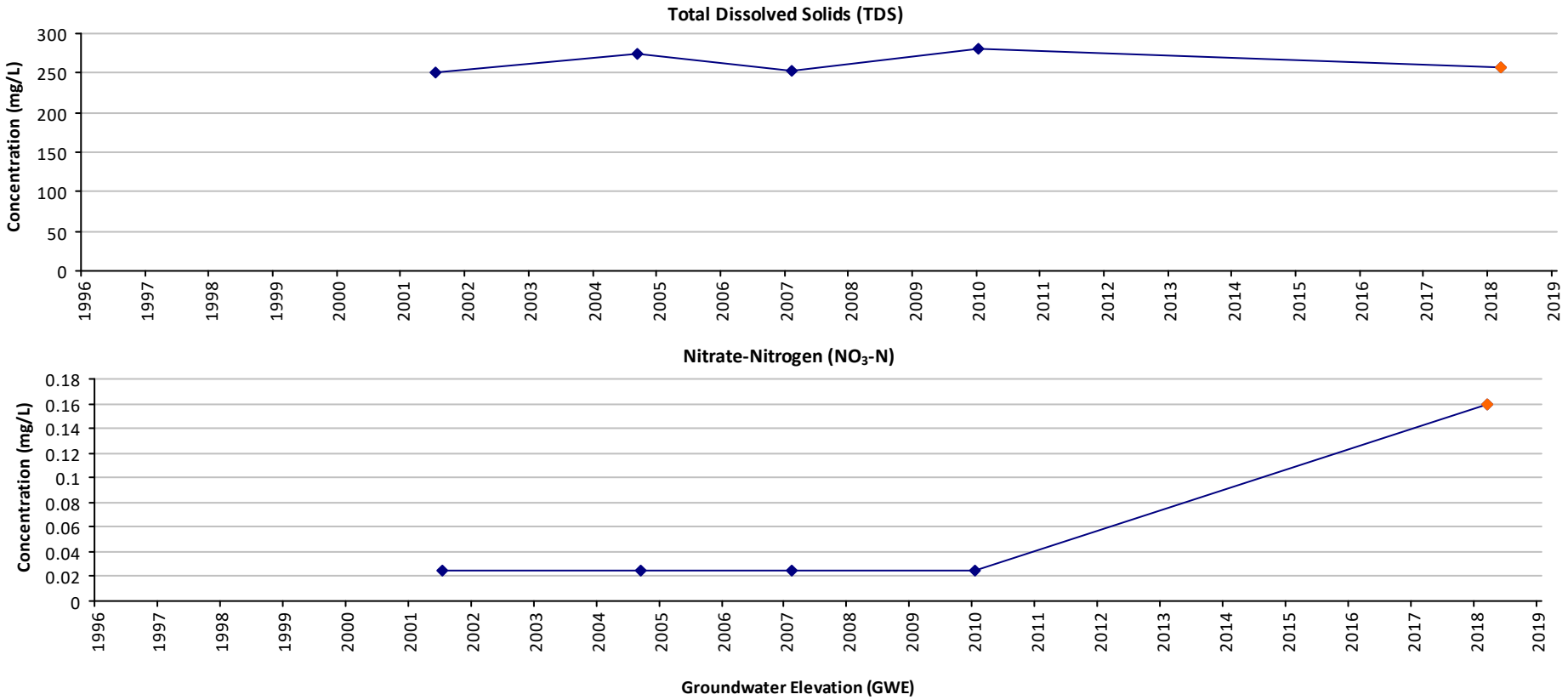
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

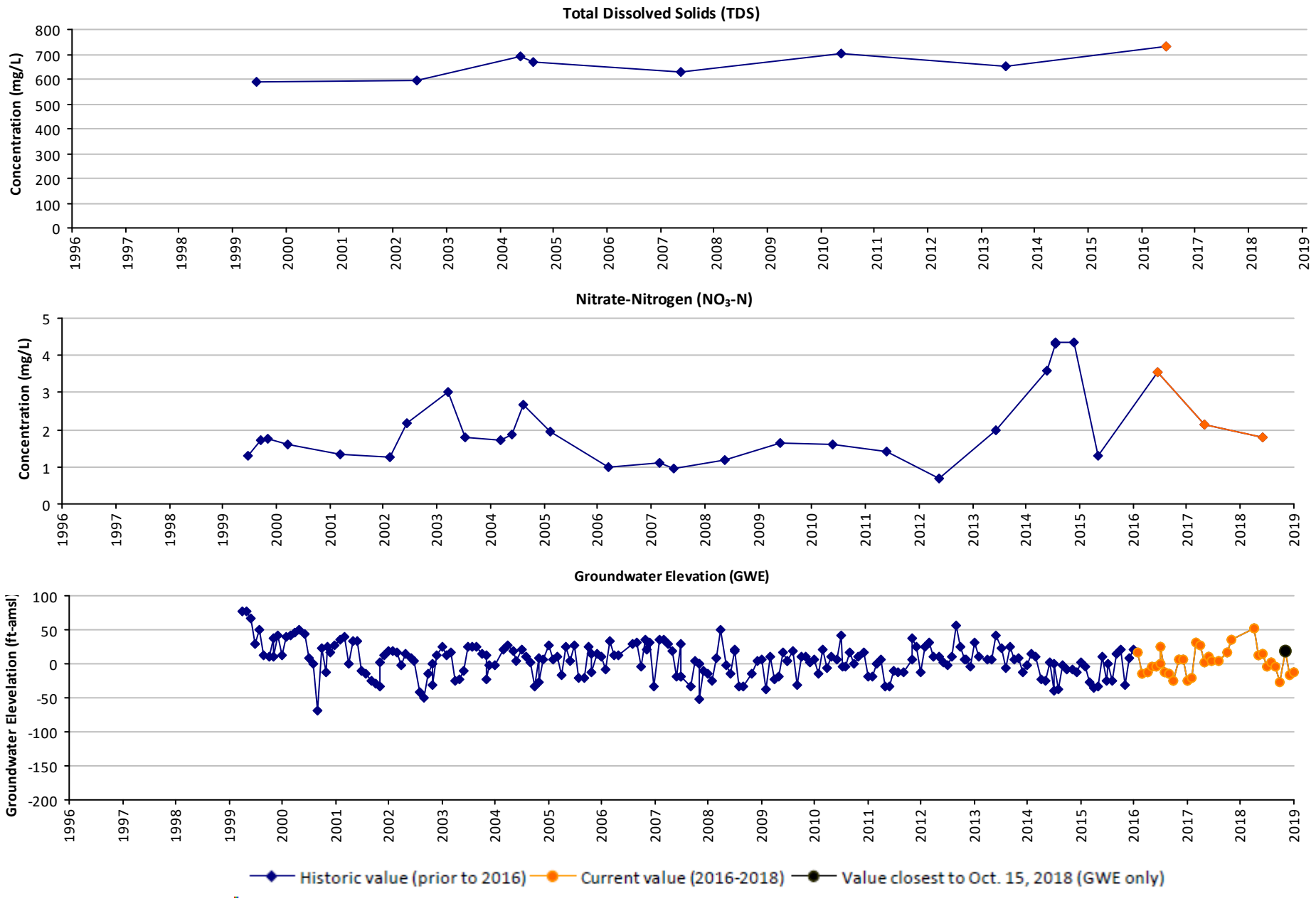

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

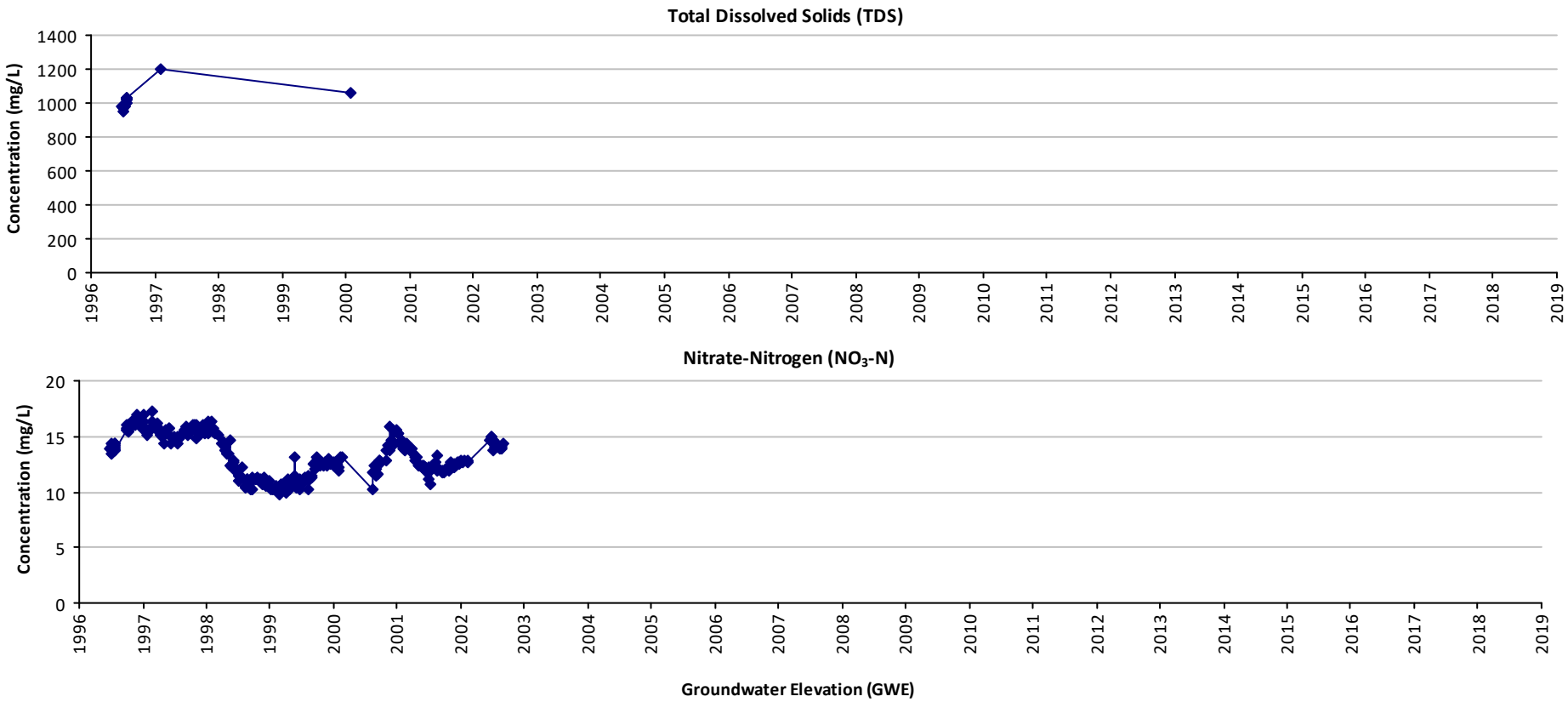

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

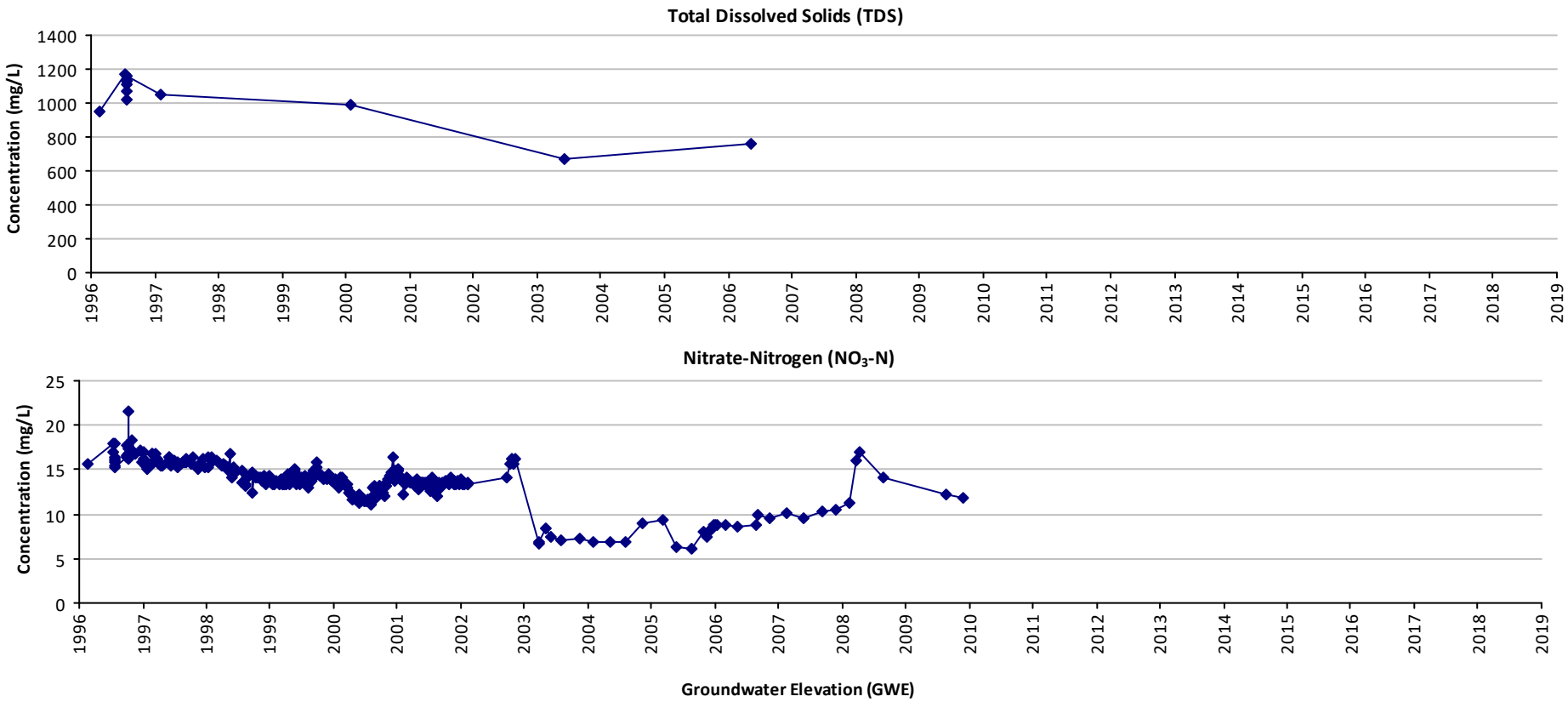

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

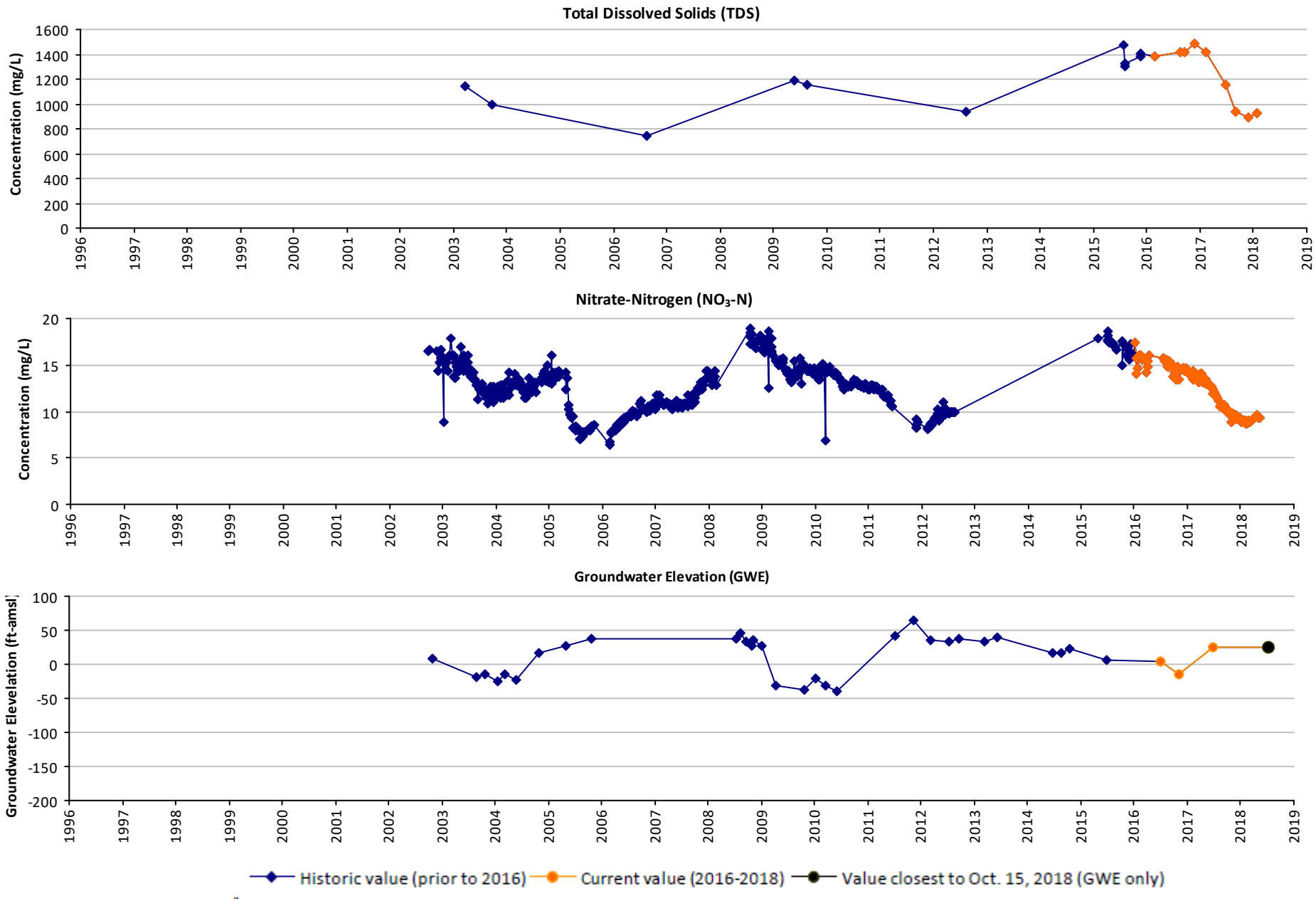

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

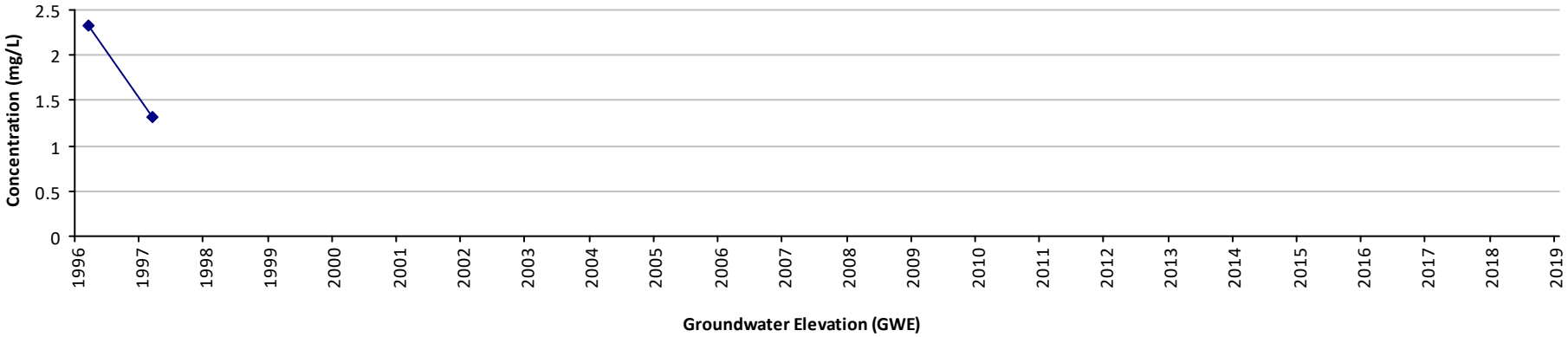

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

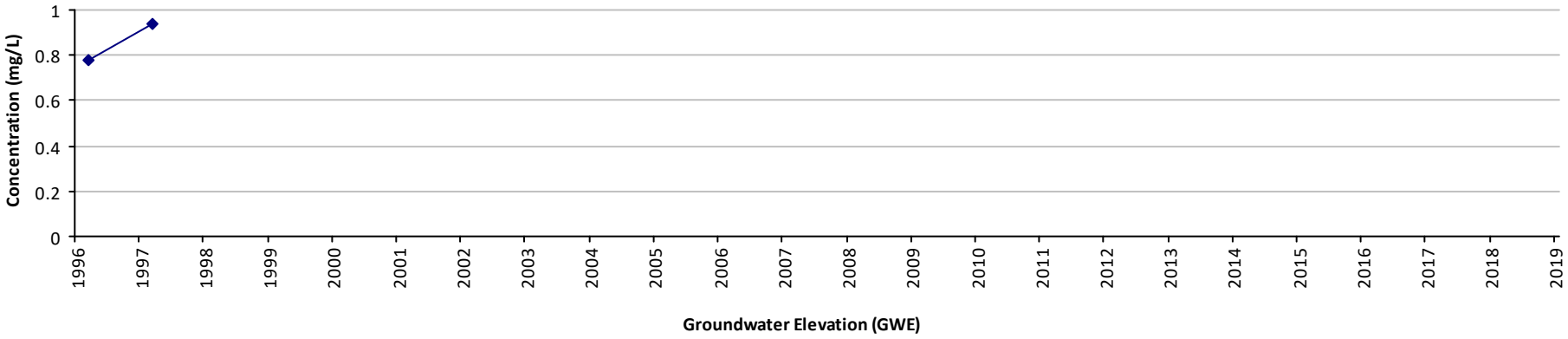
Nitrate-Nitrogen (NO_3-N)



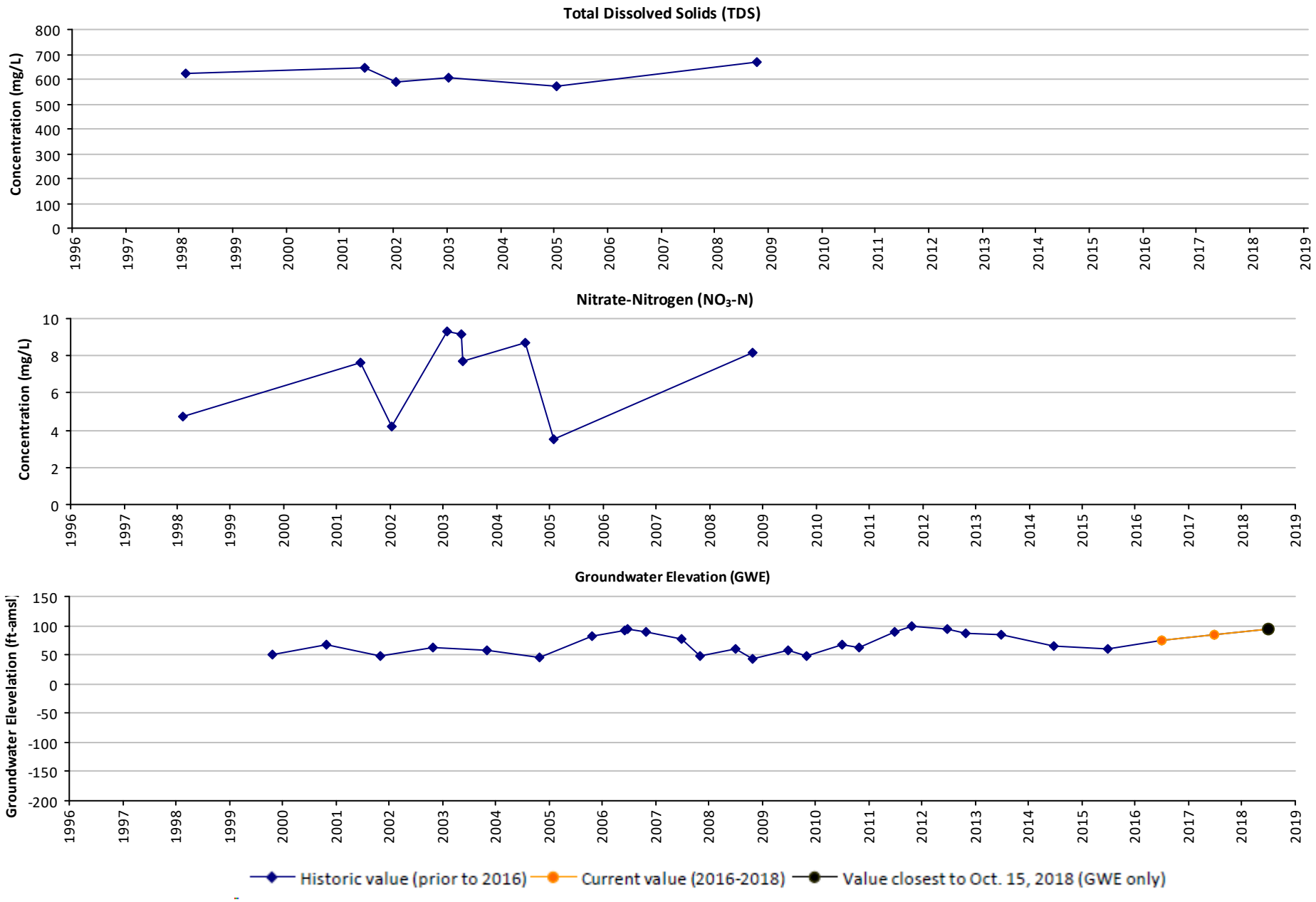
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

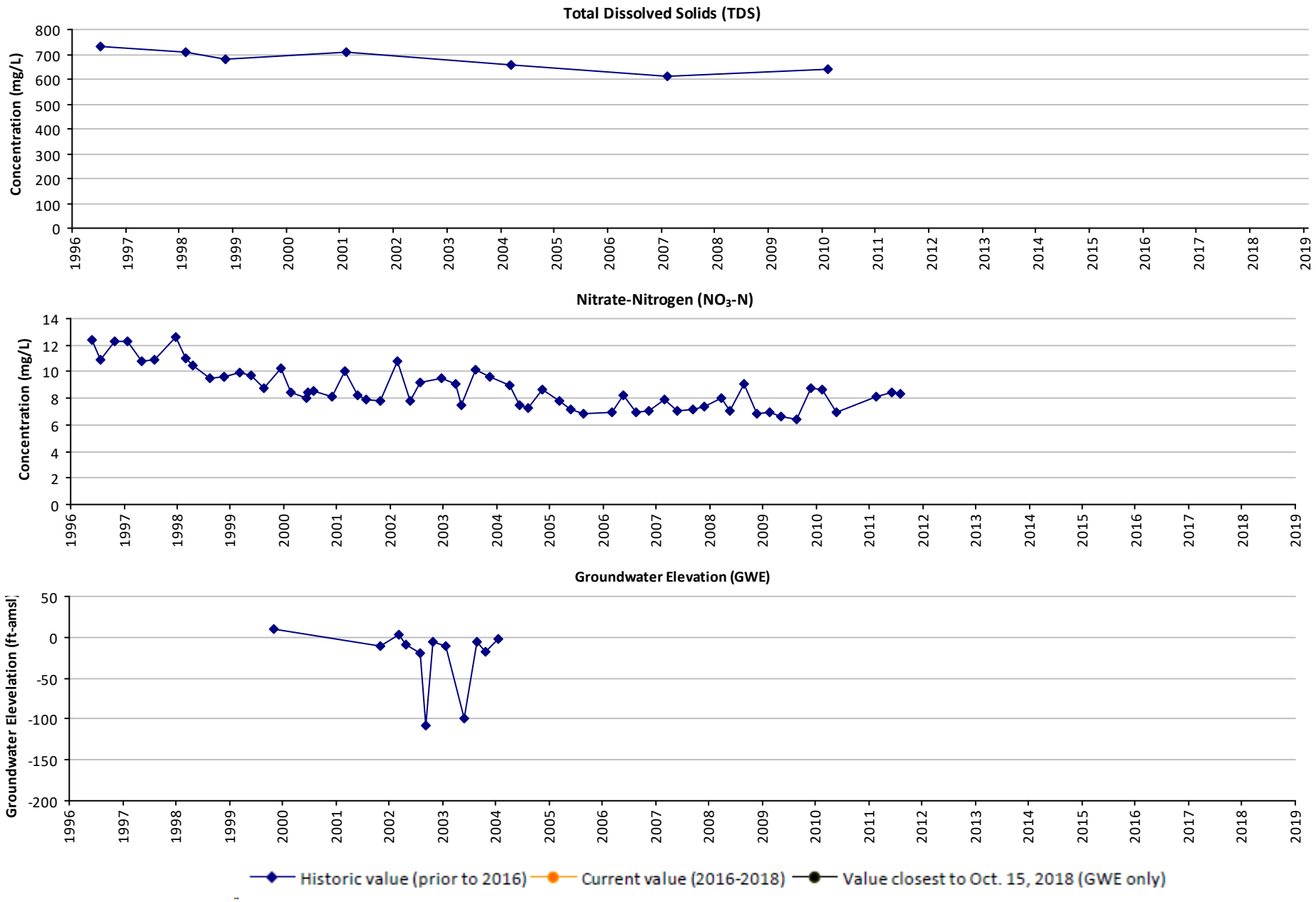
Total Dissolved Solids (TDS)

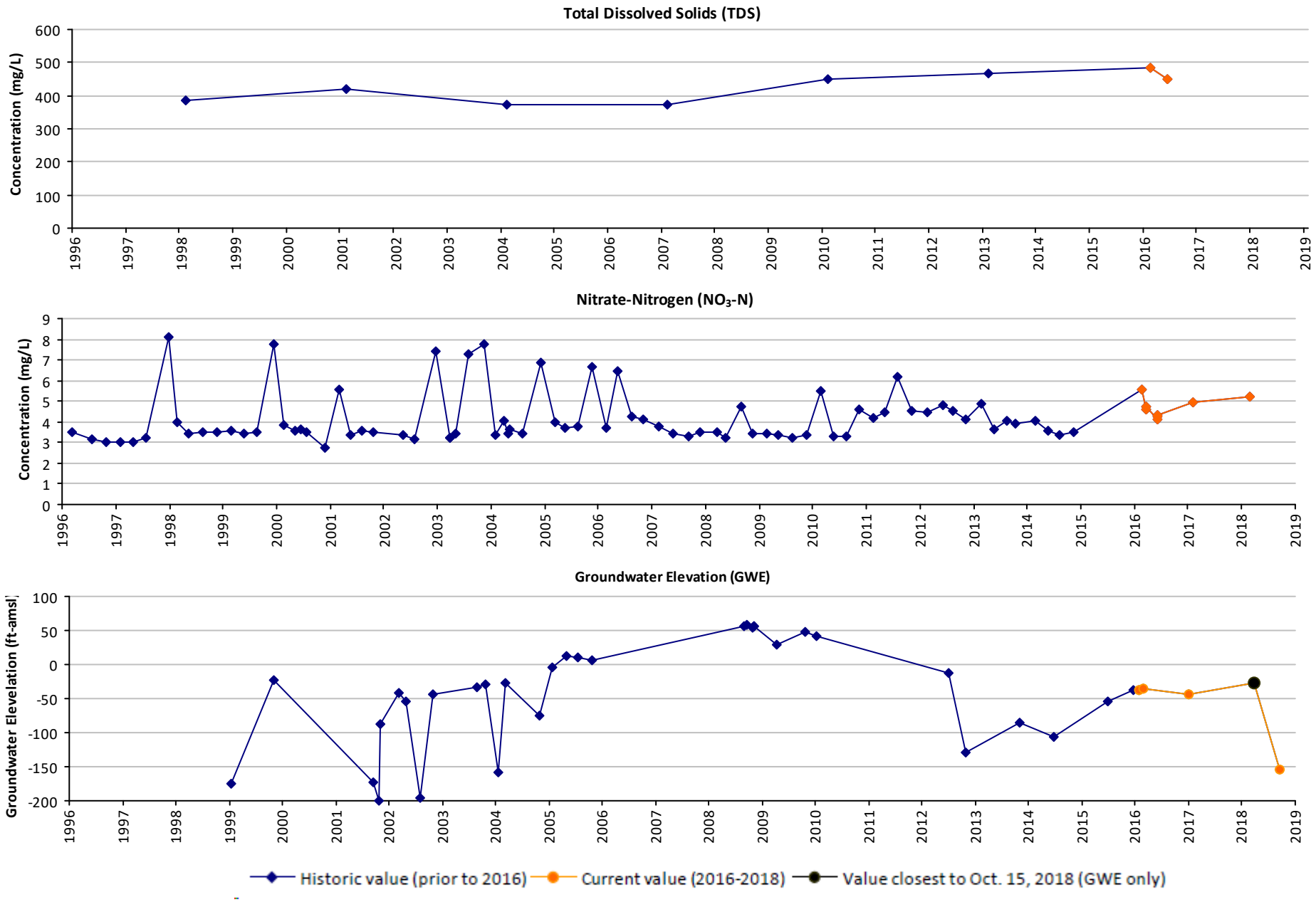
Nitrate-Nitrogen (NO_3-N)

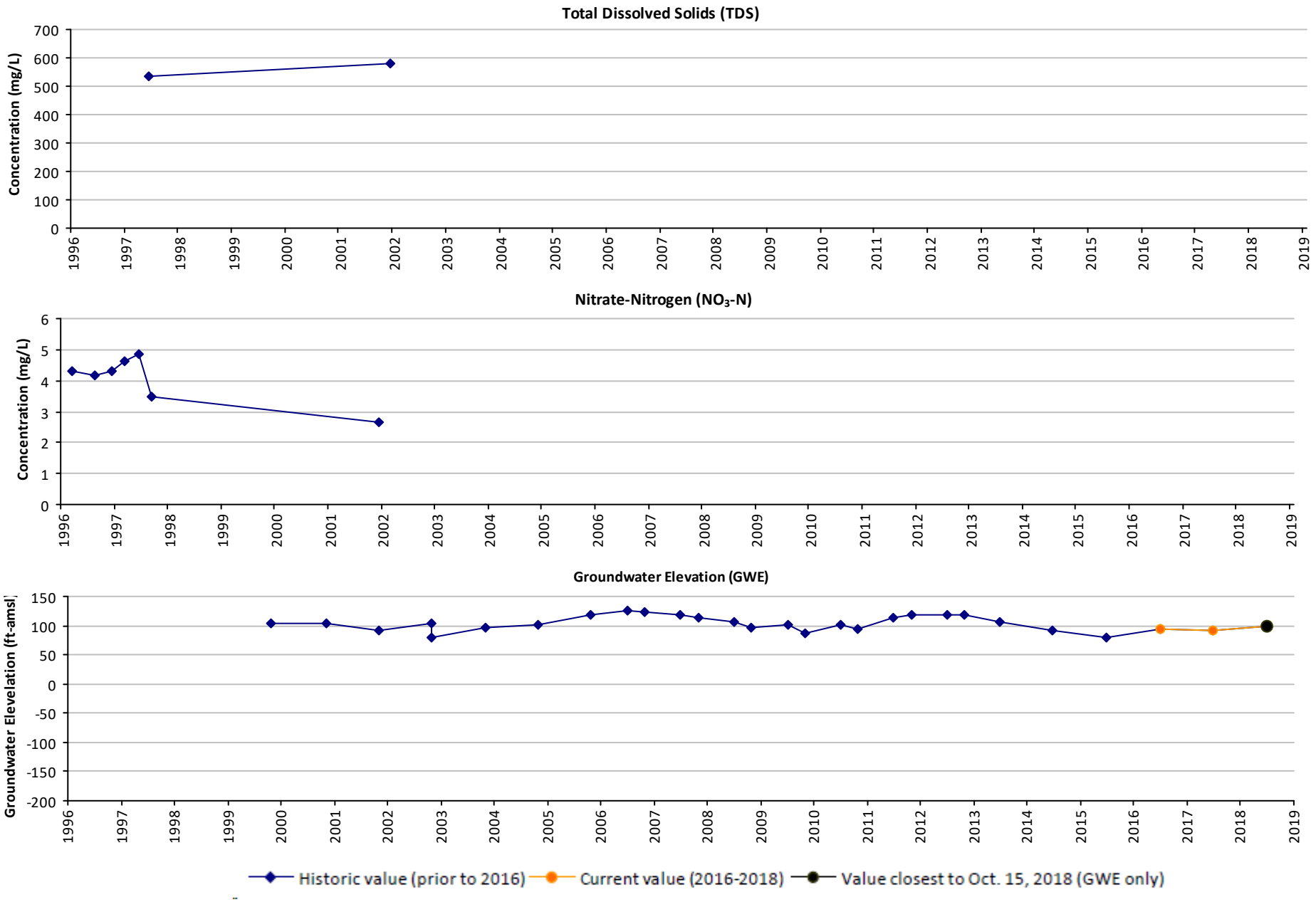


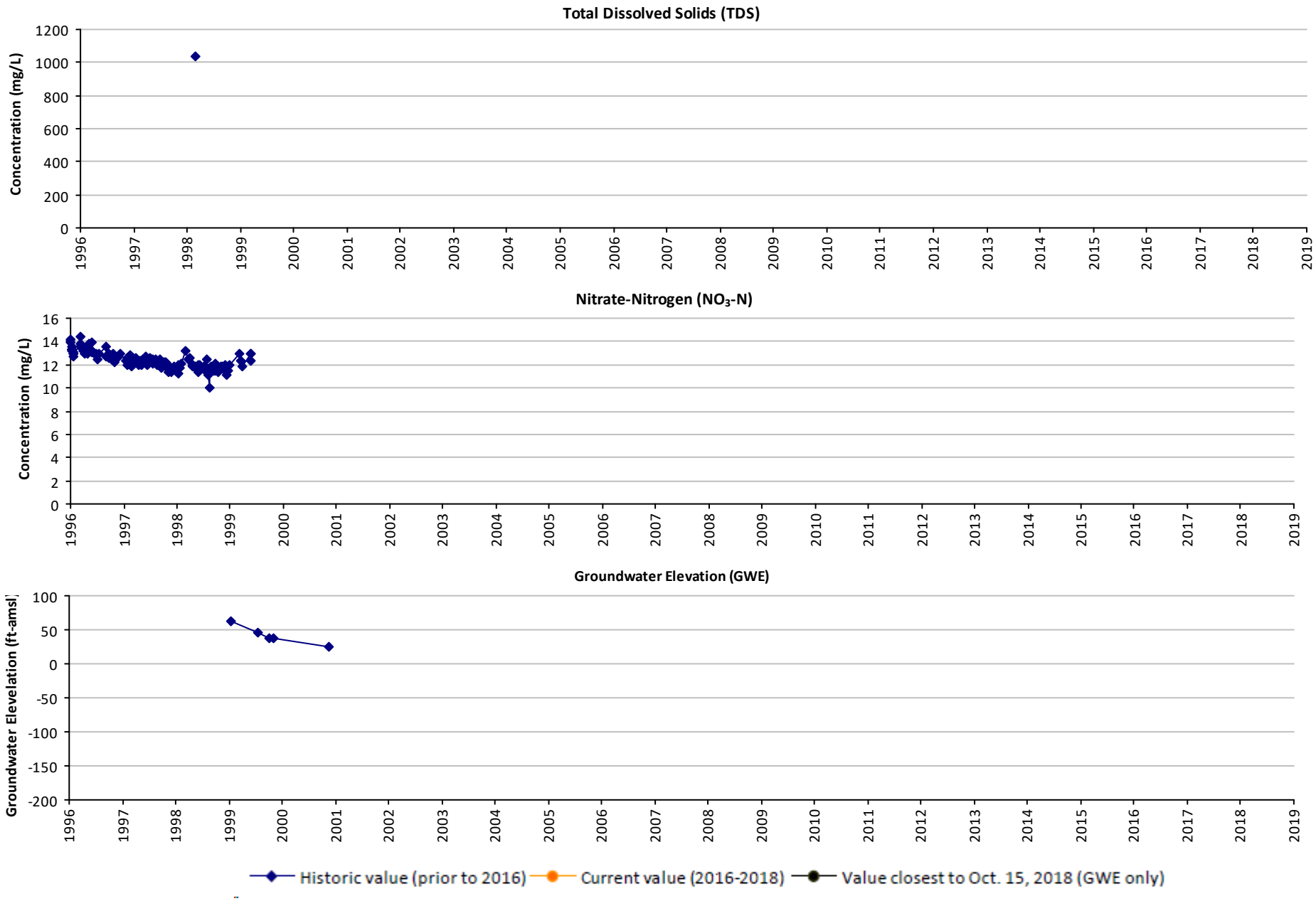
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

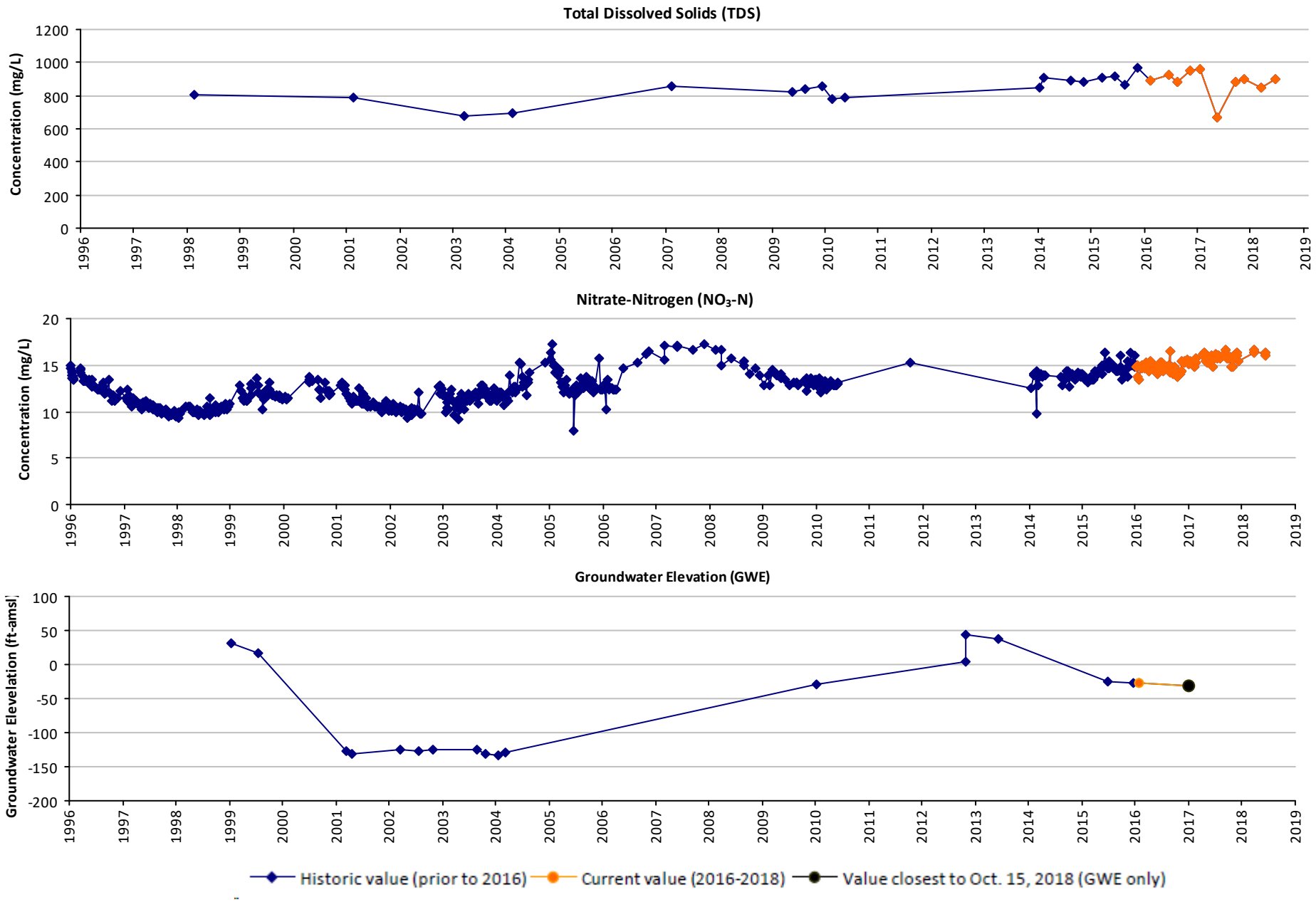

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

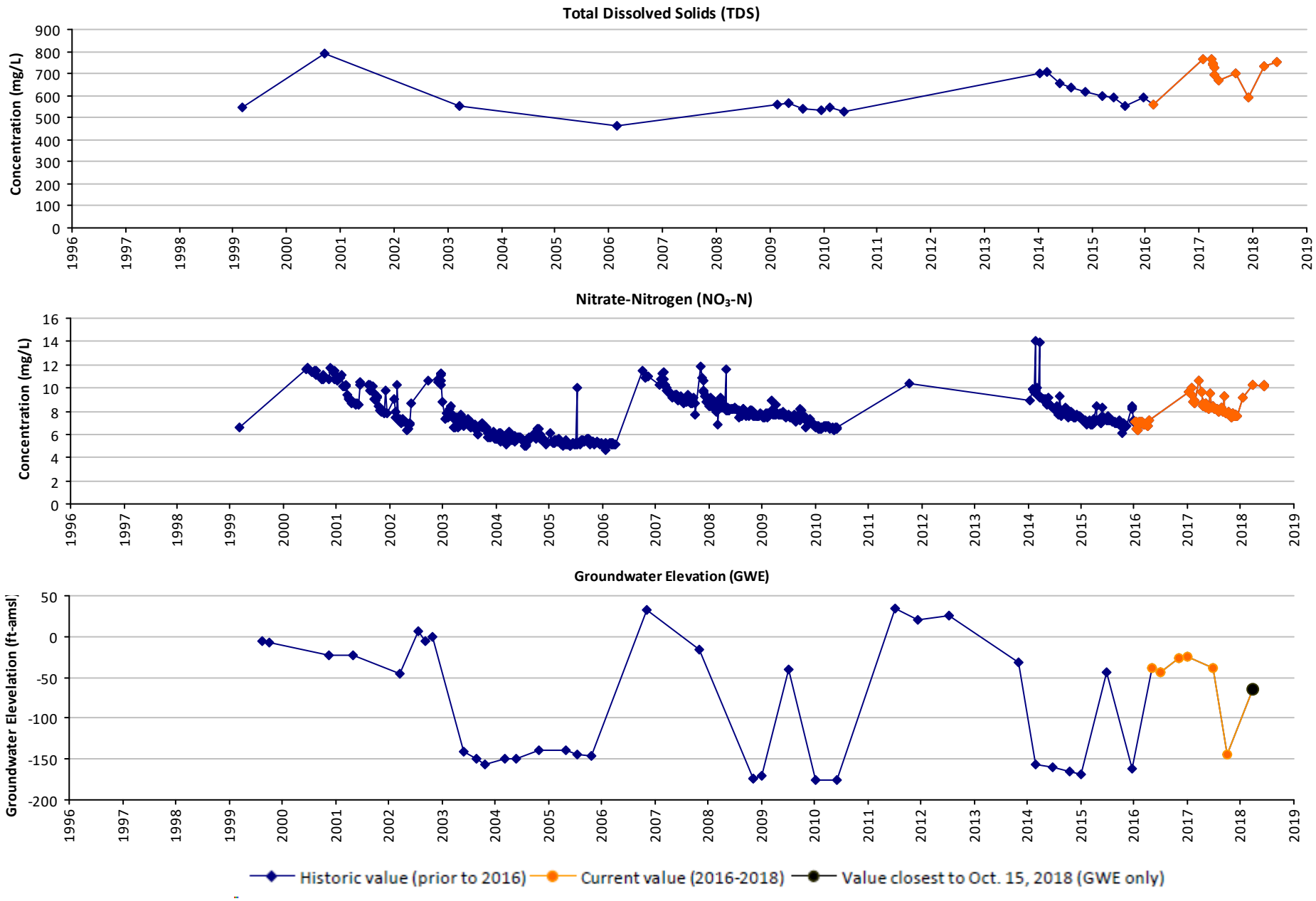

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

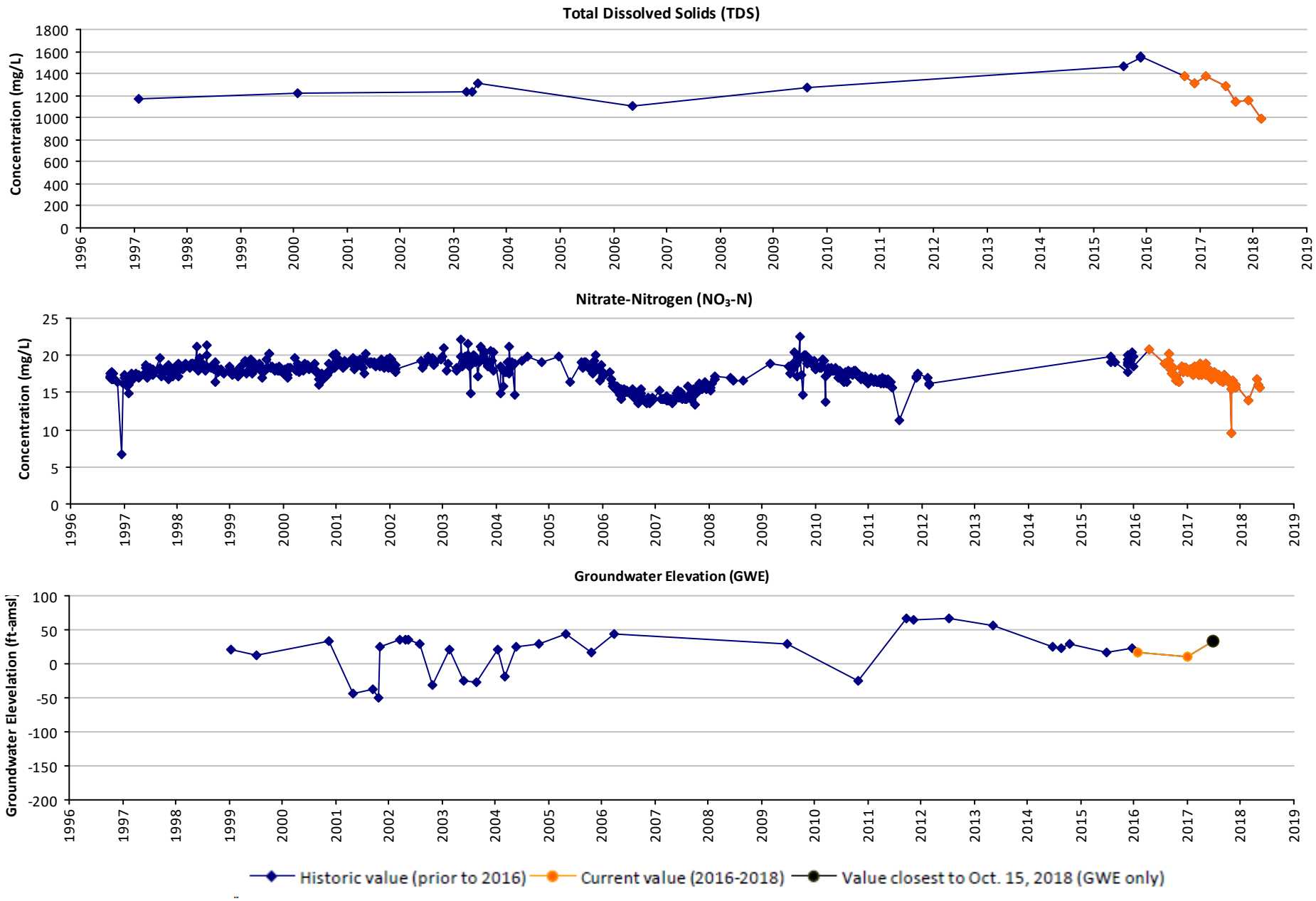

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

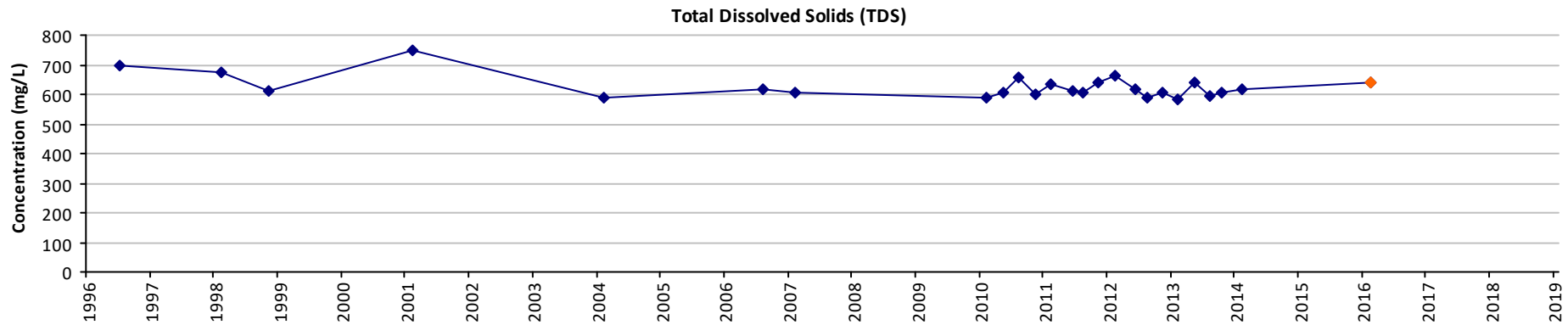

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

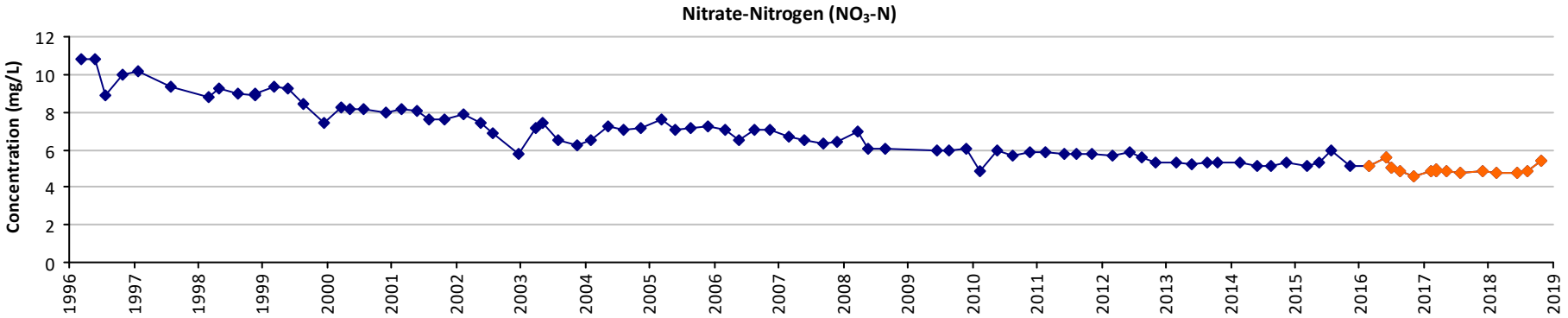

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

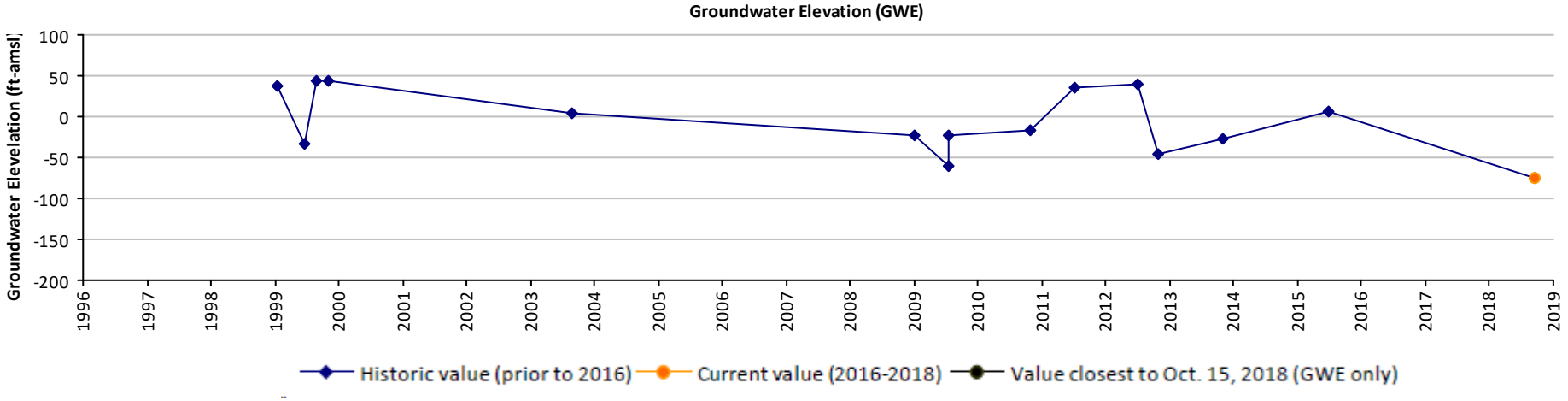

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

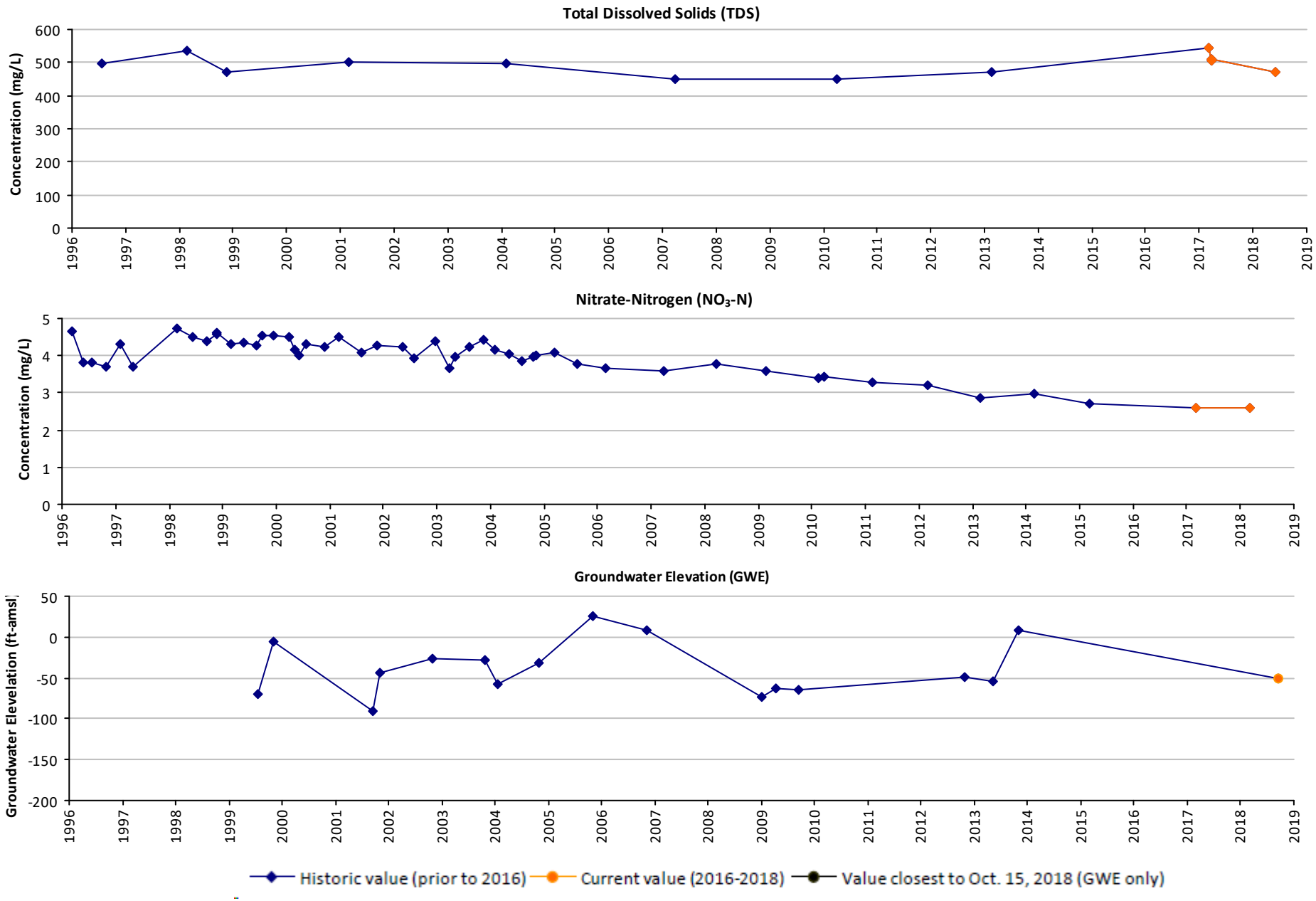
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

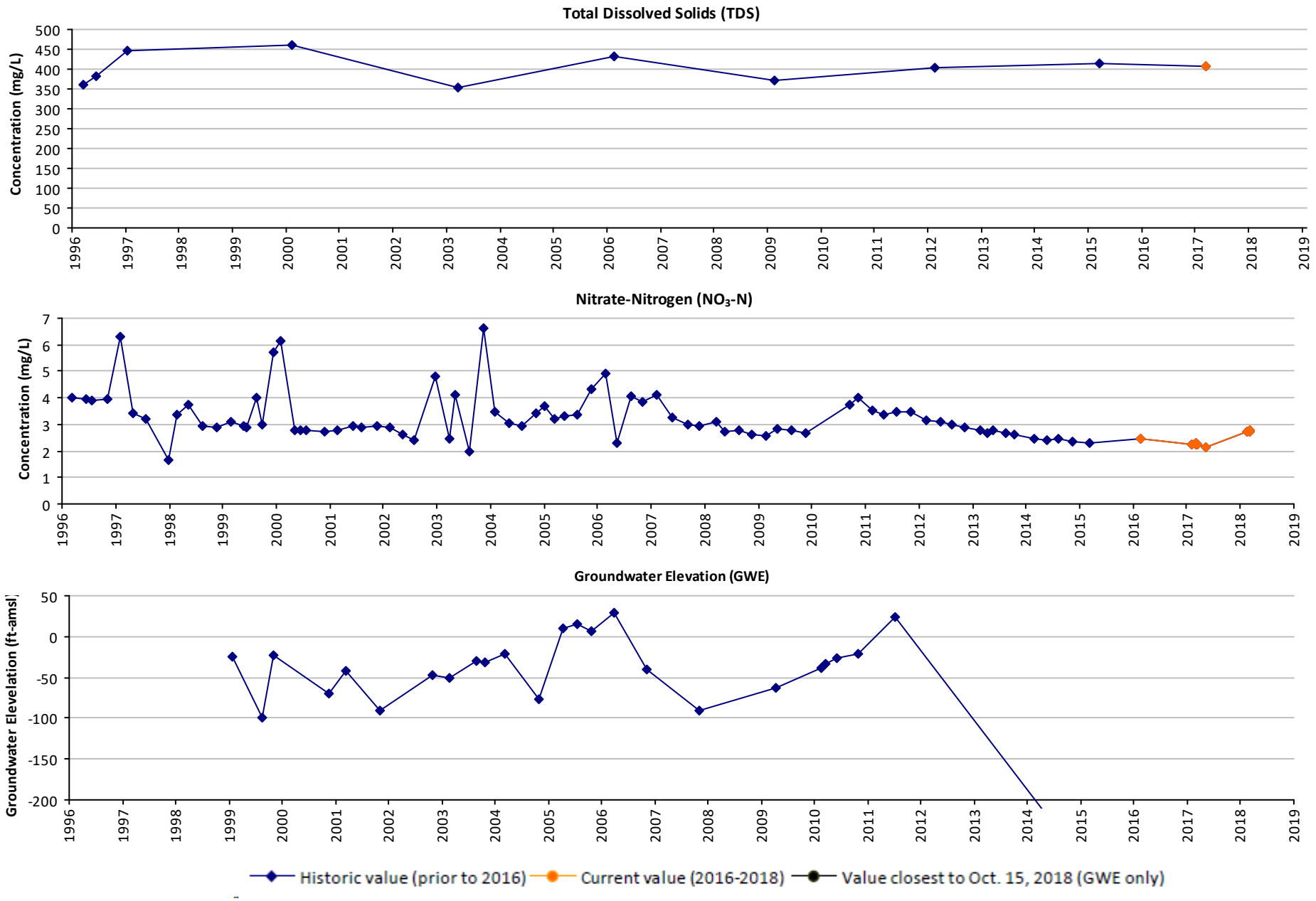
Well ID: 1215133
Management Zone: Orange County

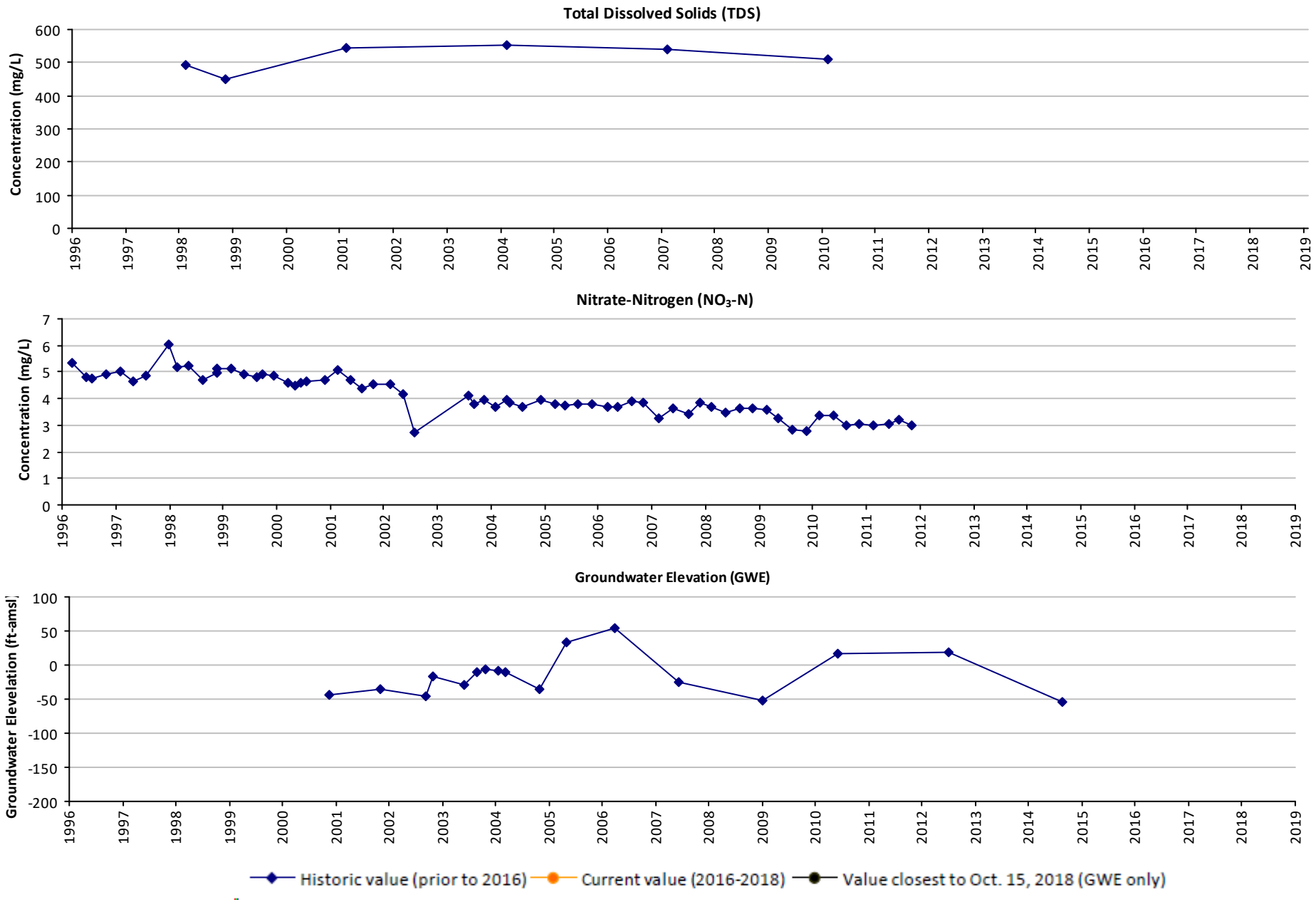


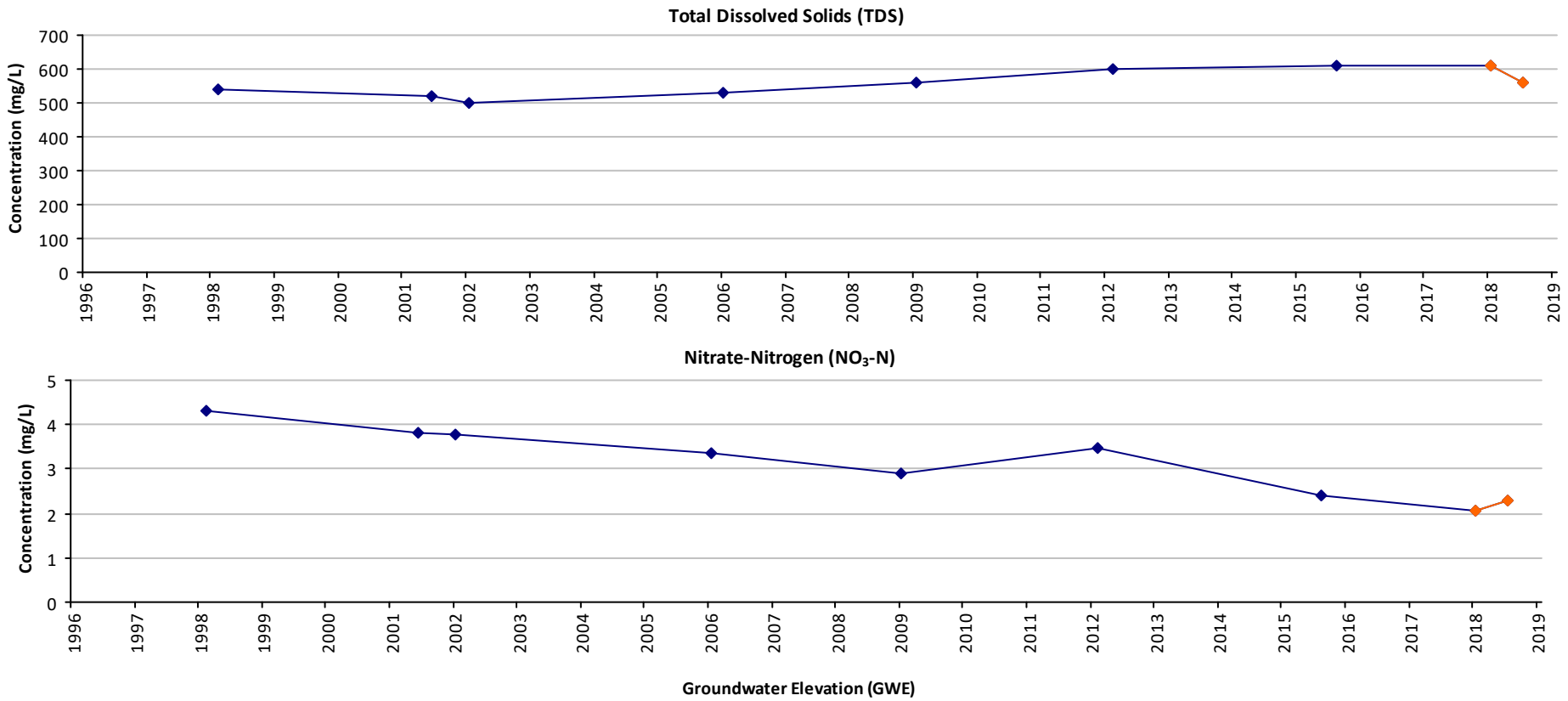


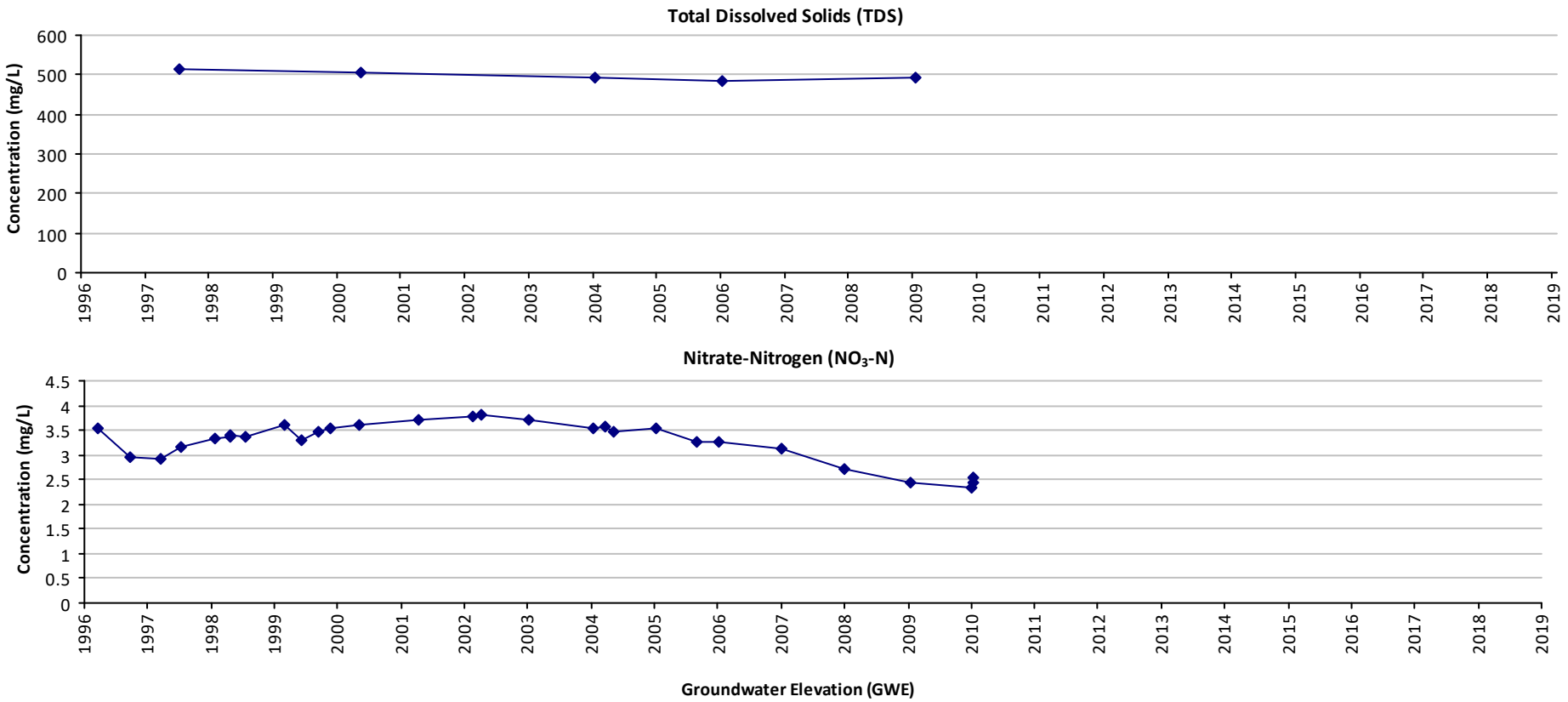



Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

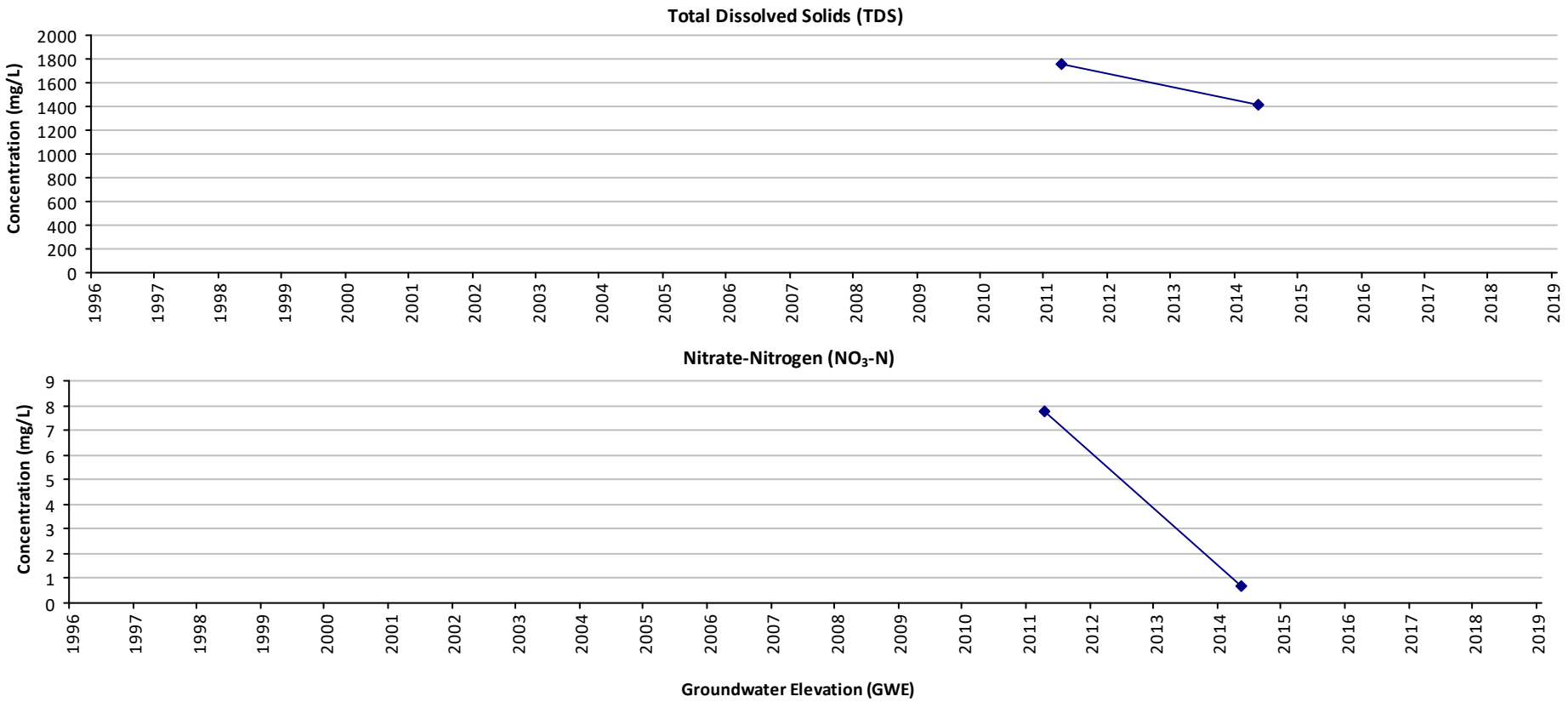

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

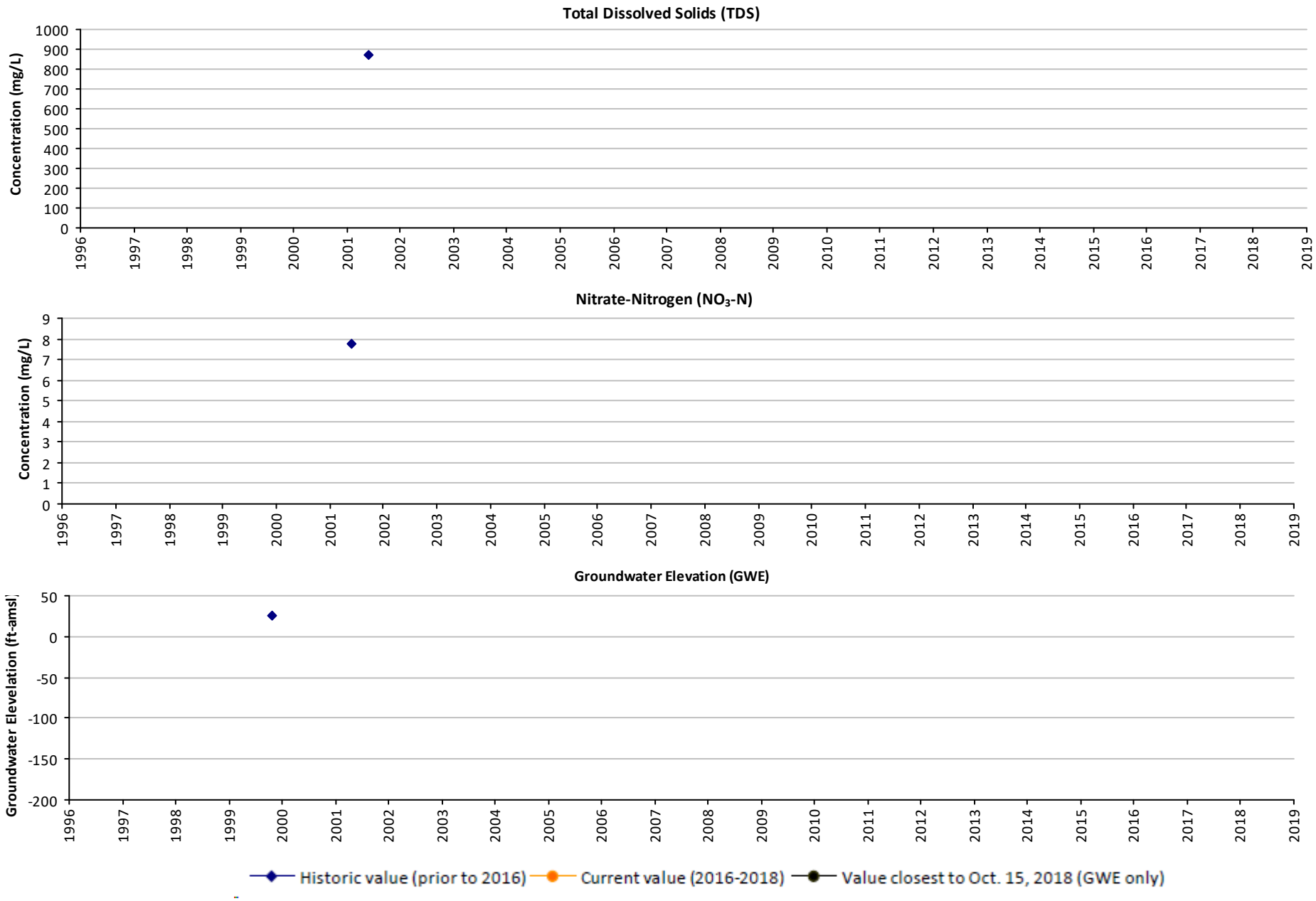


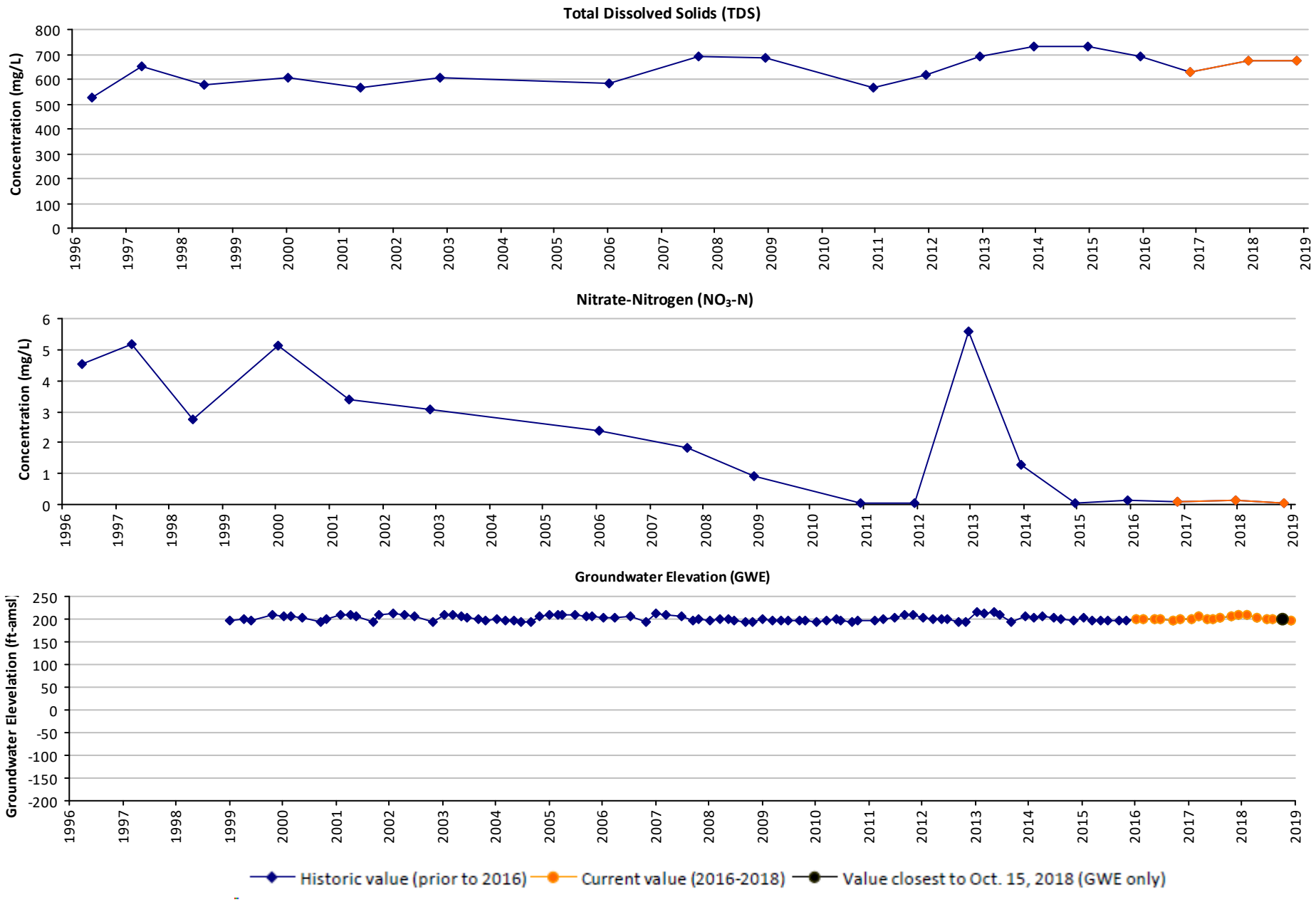
Groundwater Elevation (GWE)

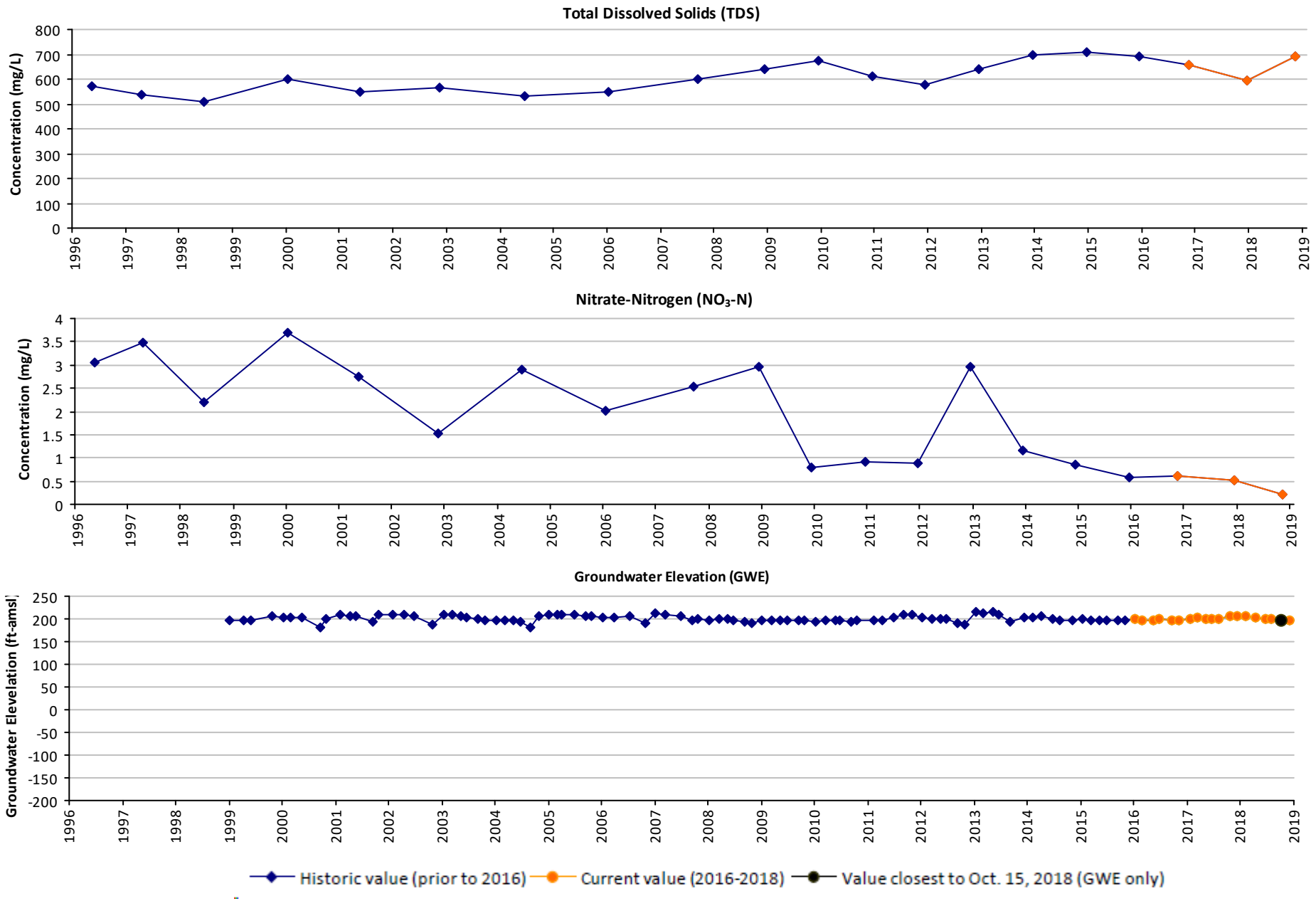
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

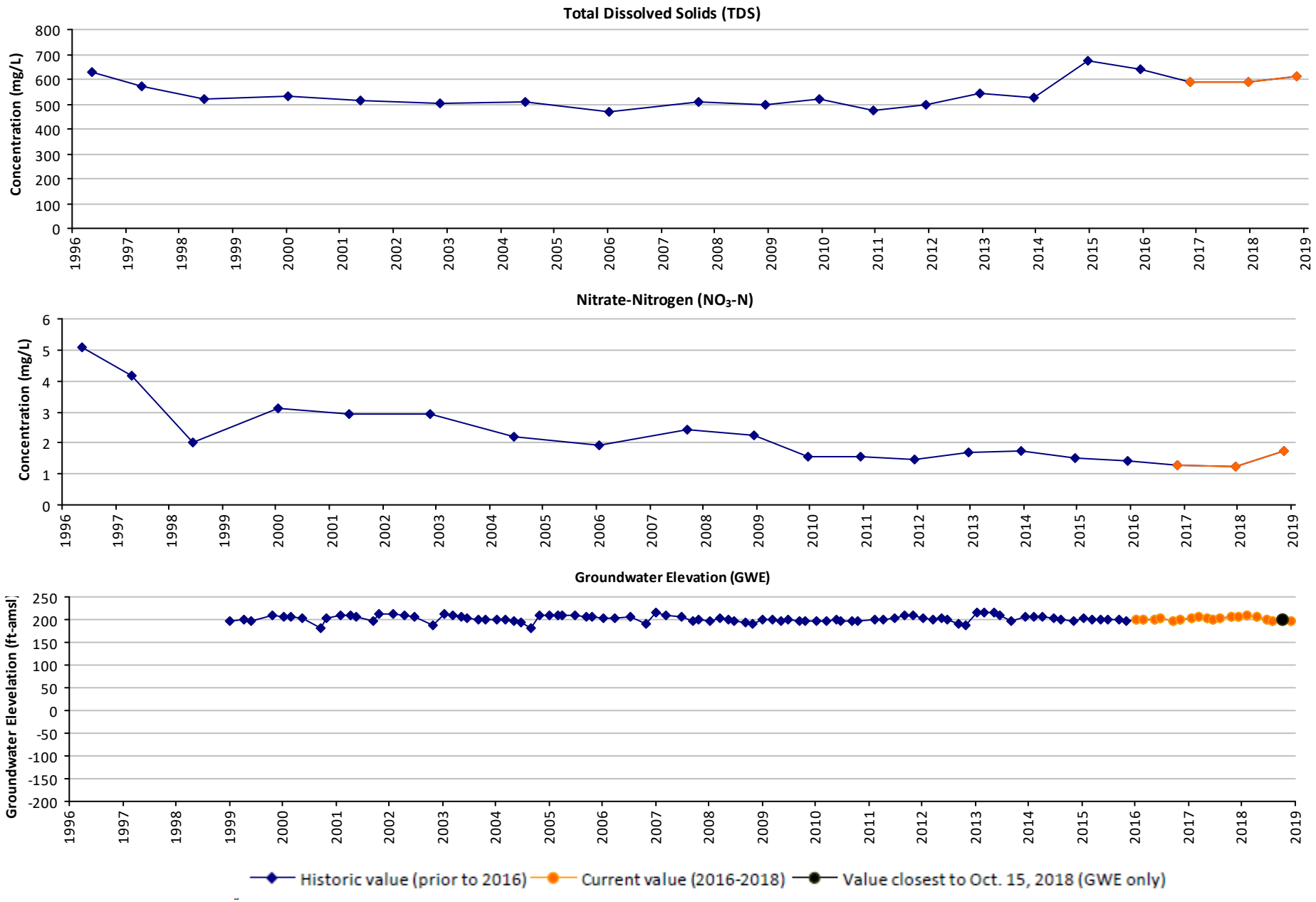
Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

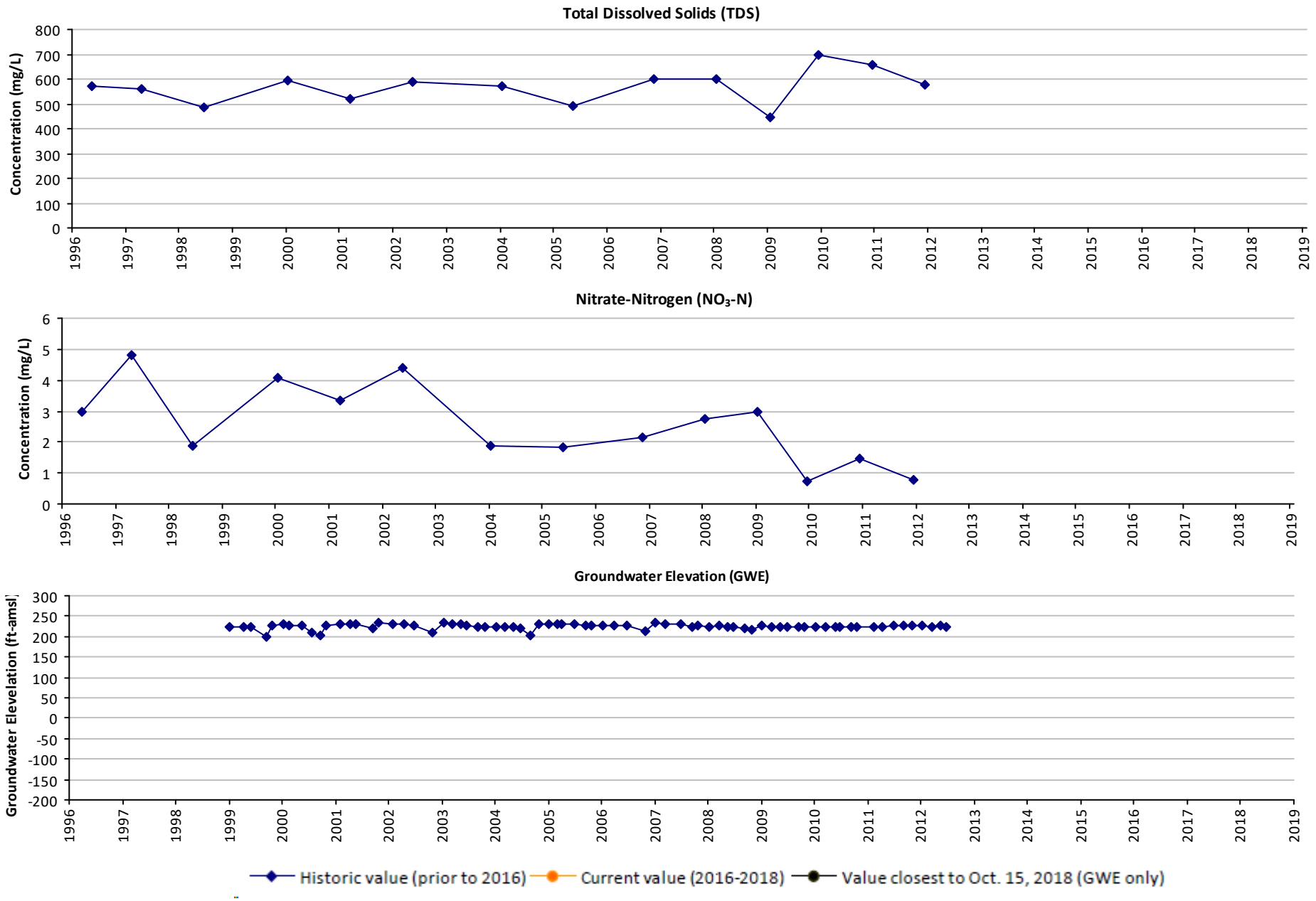

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

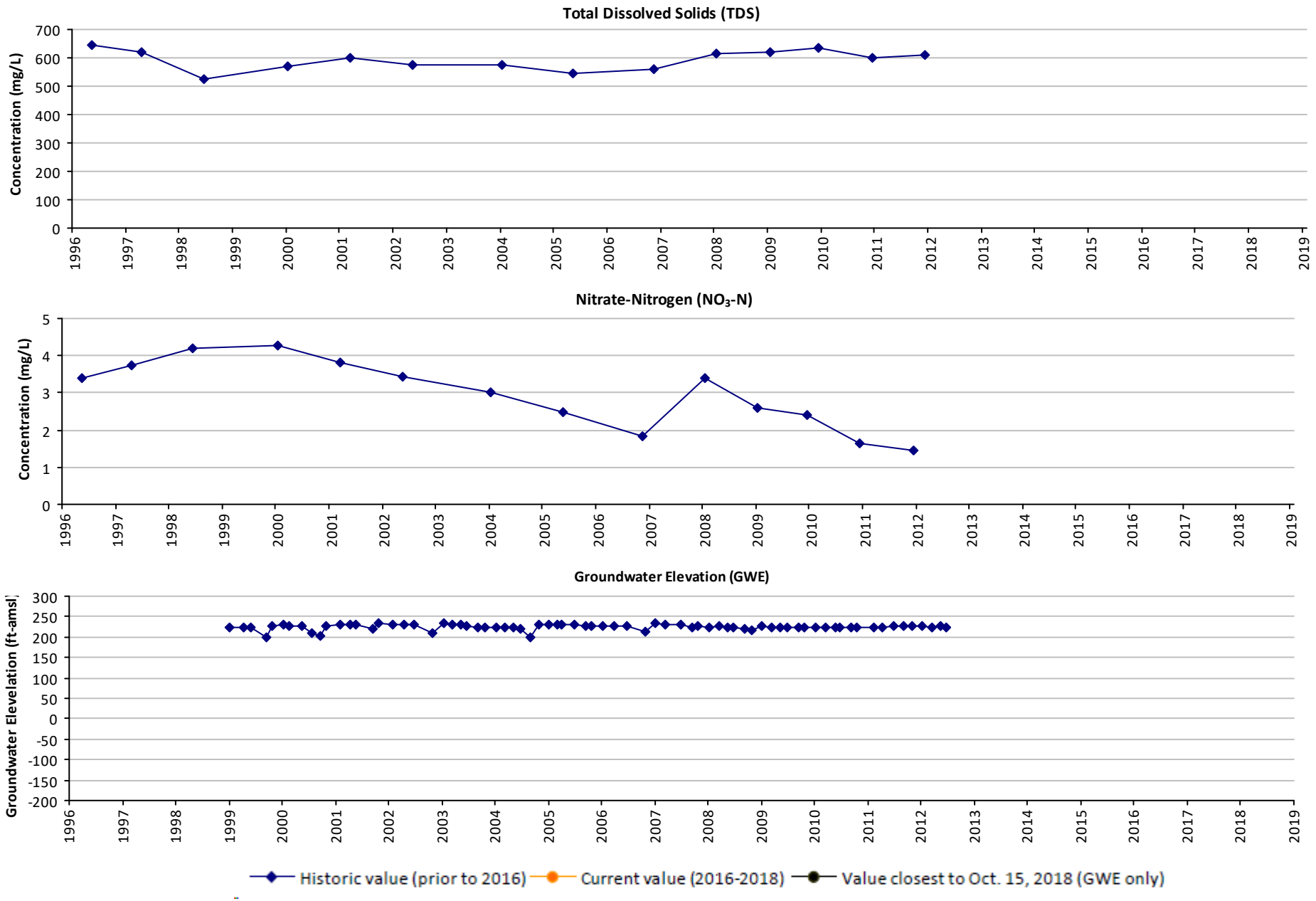

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

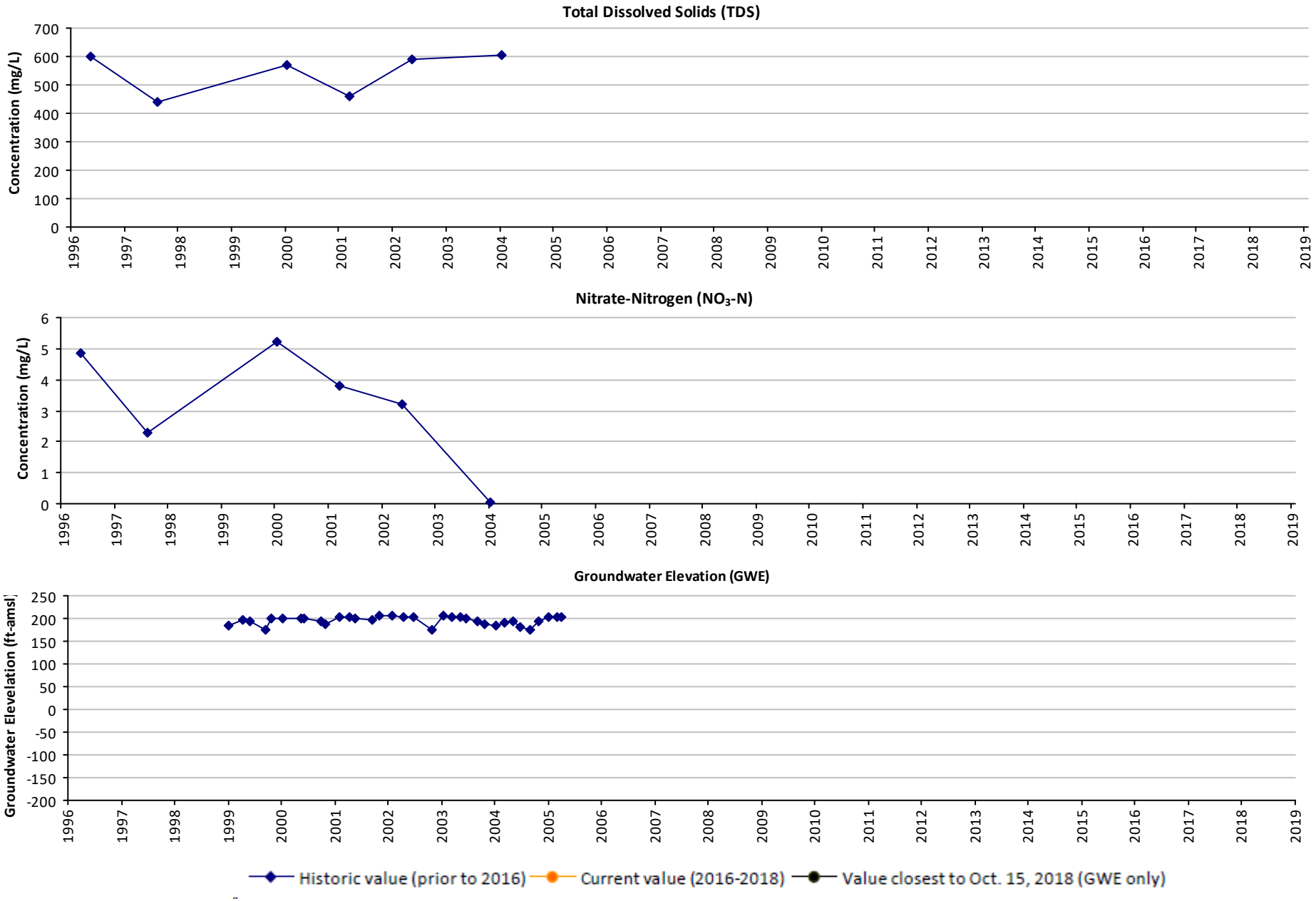

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

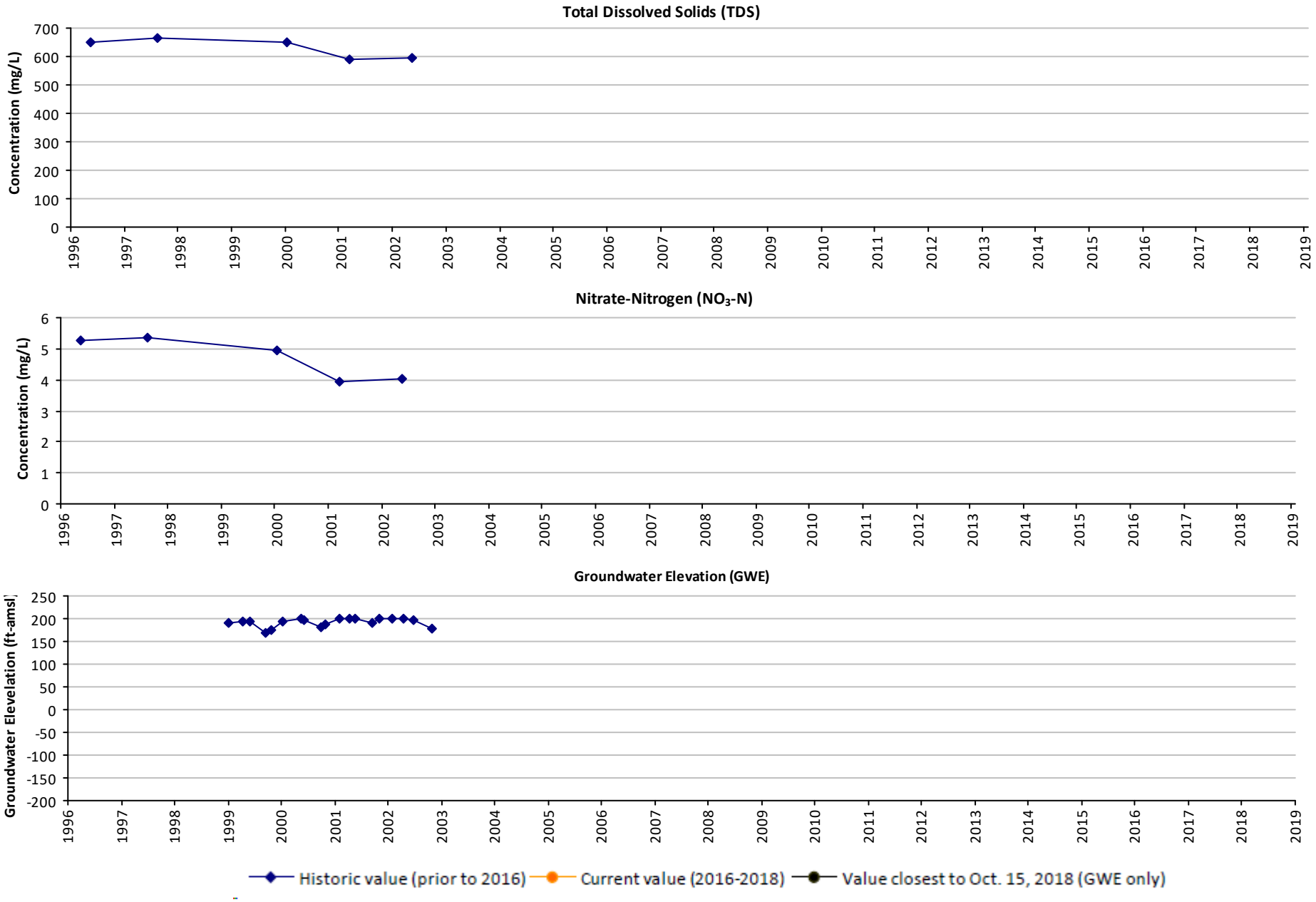

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

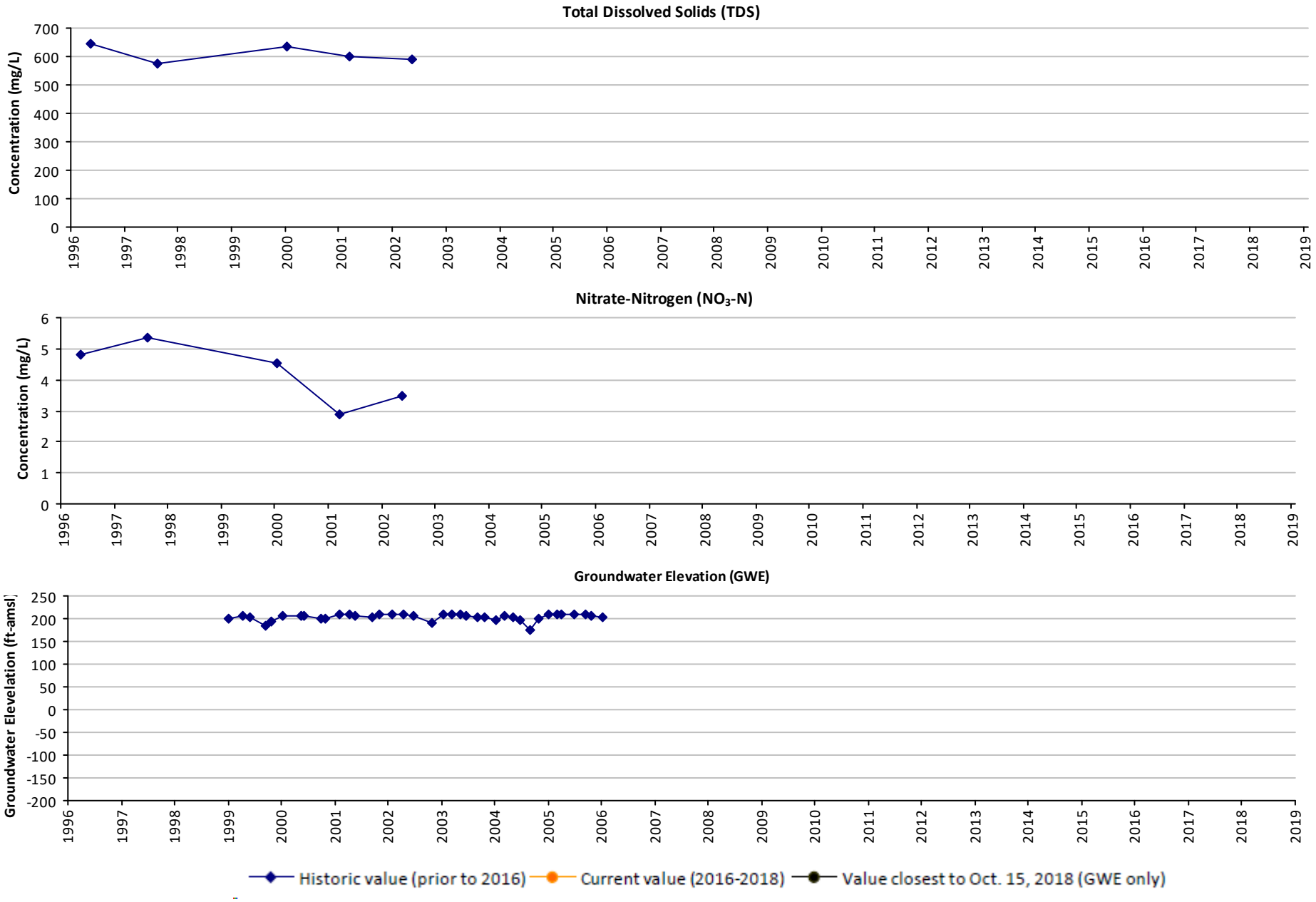

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

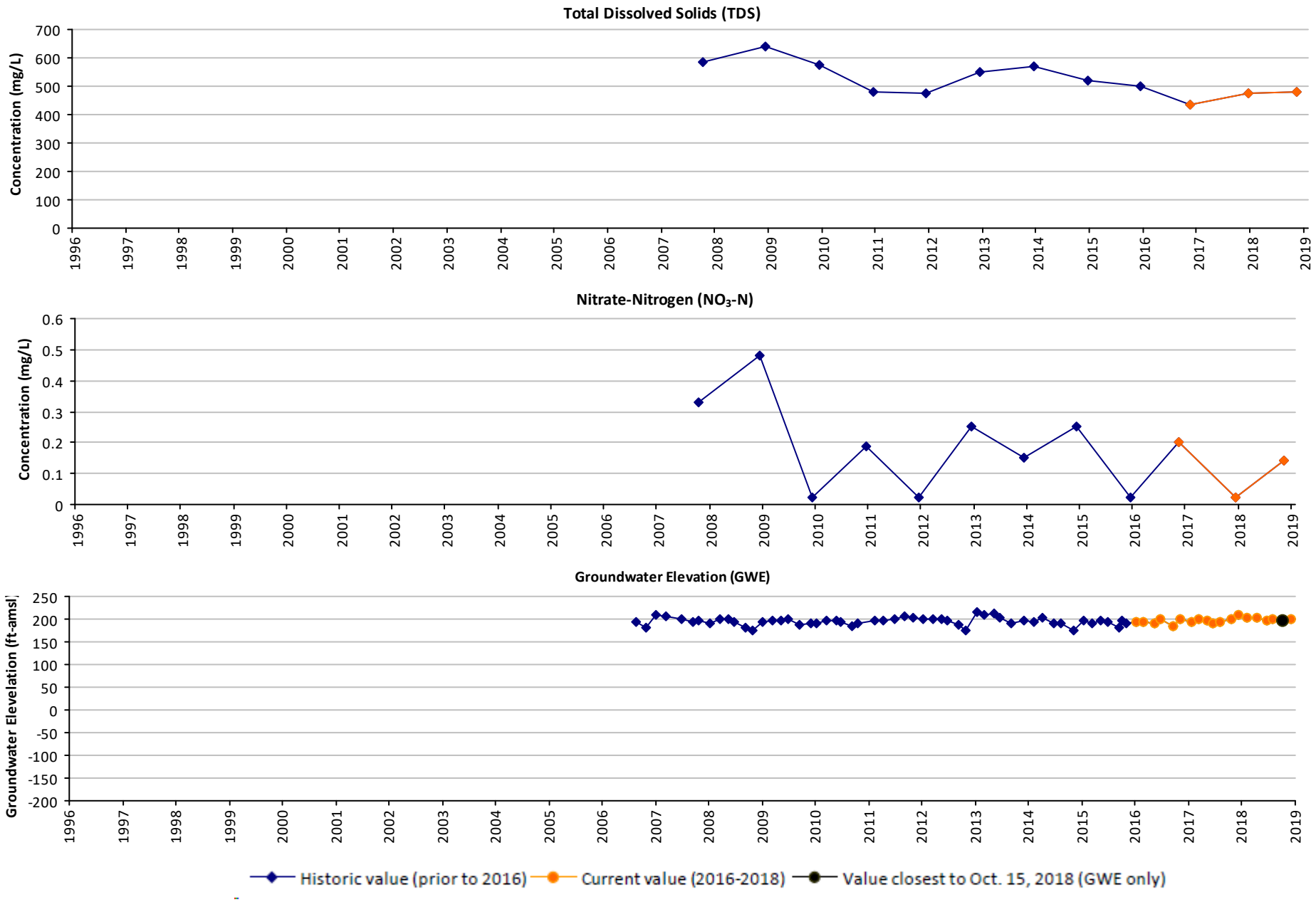

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

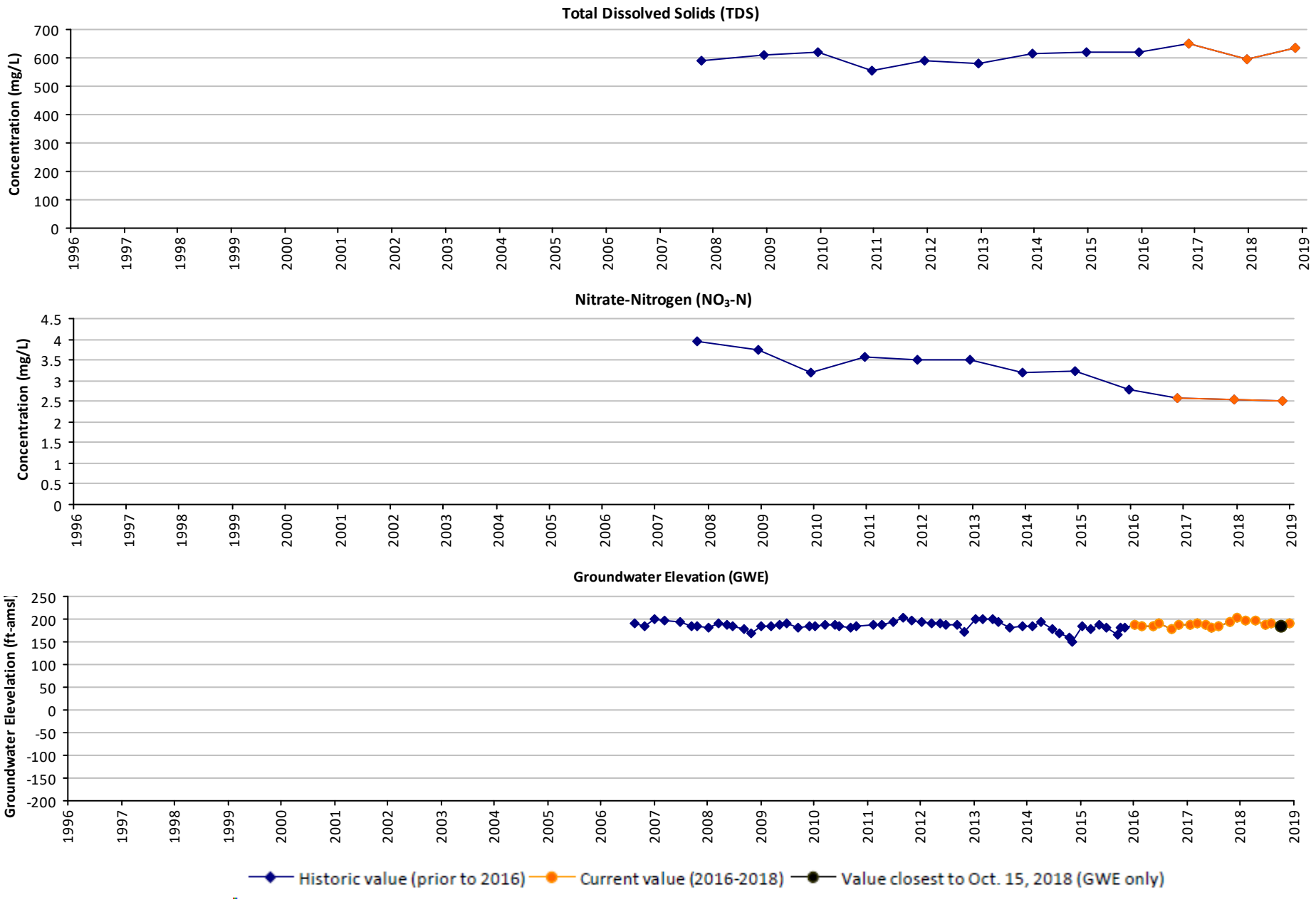

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

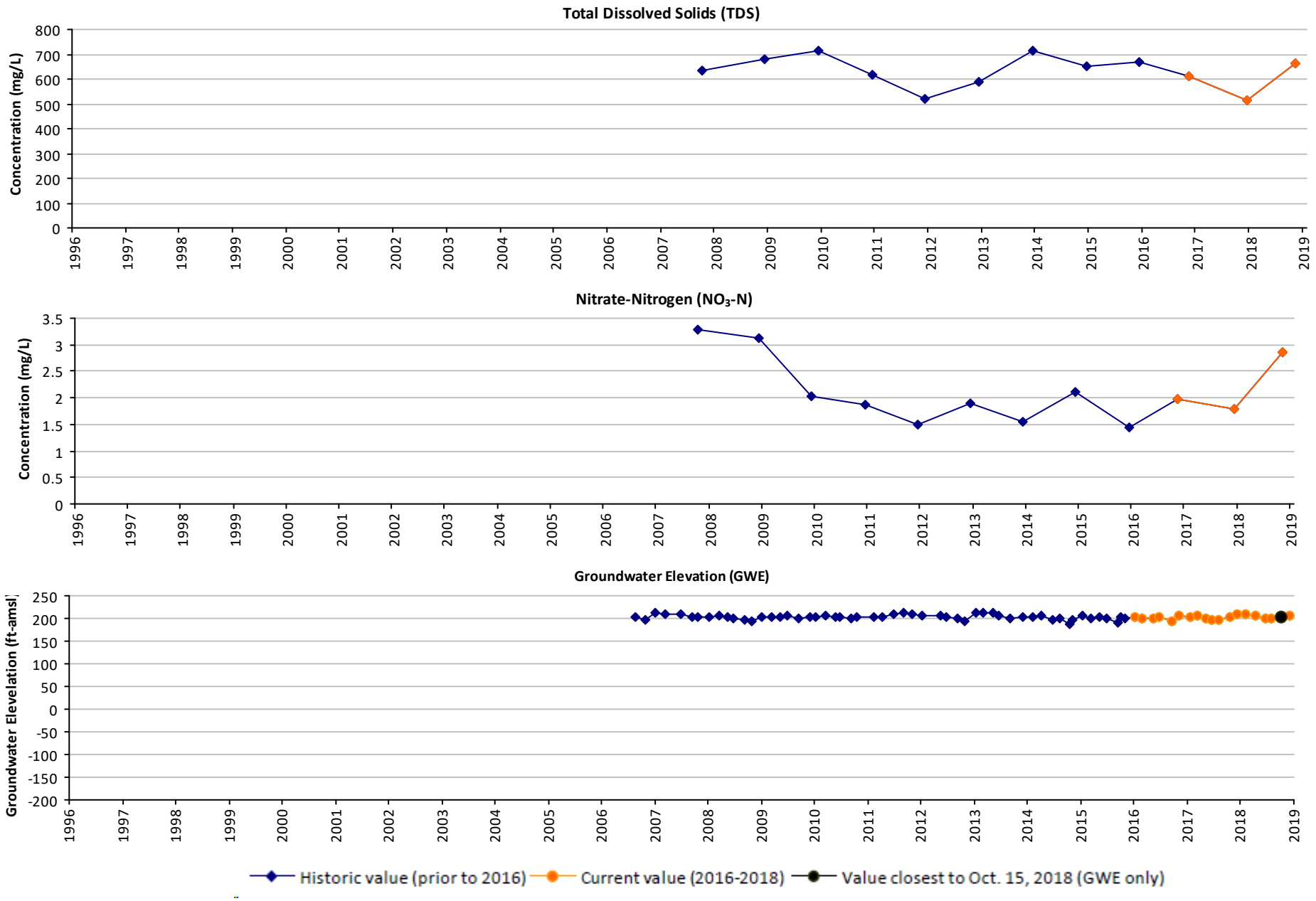

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

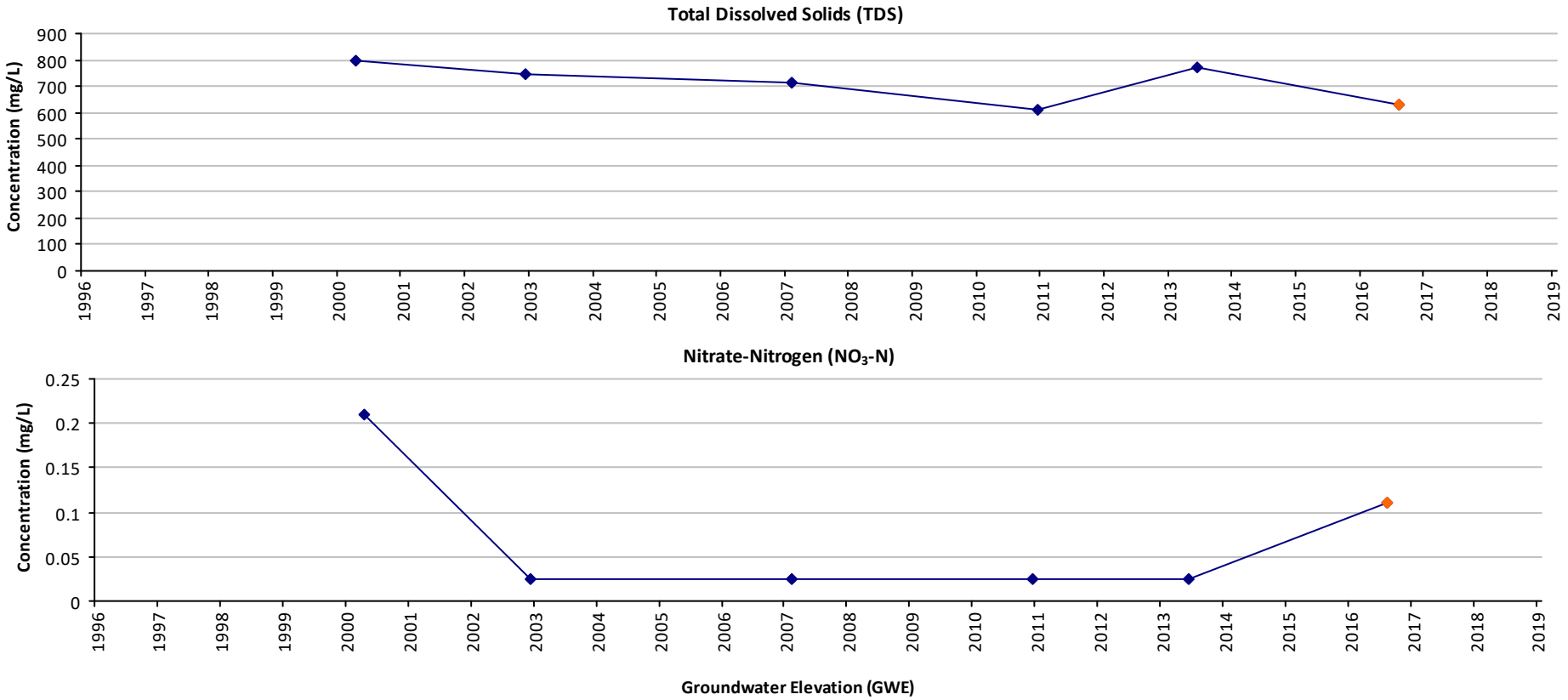

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

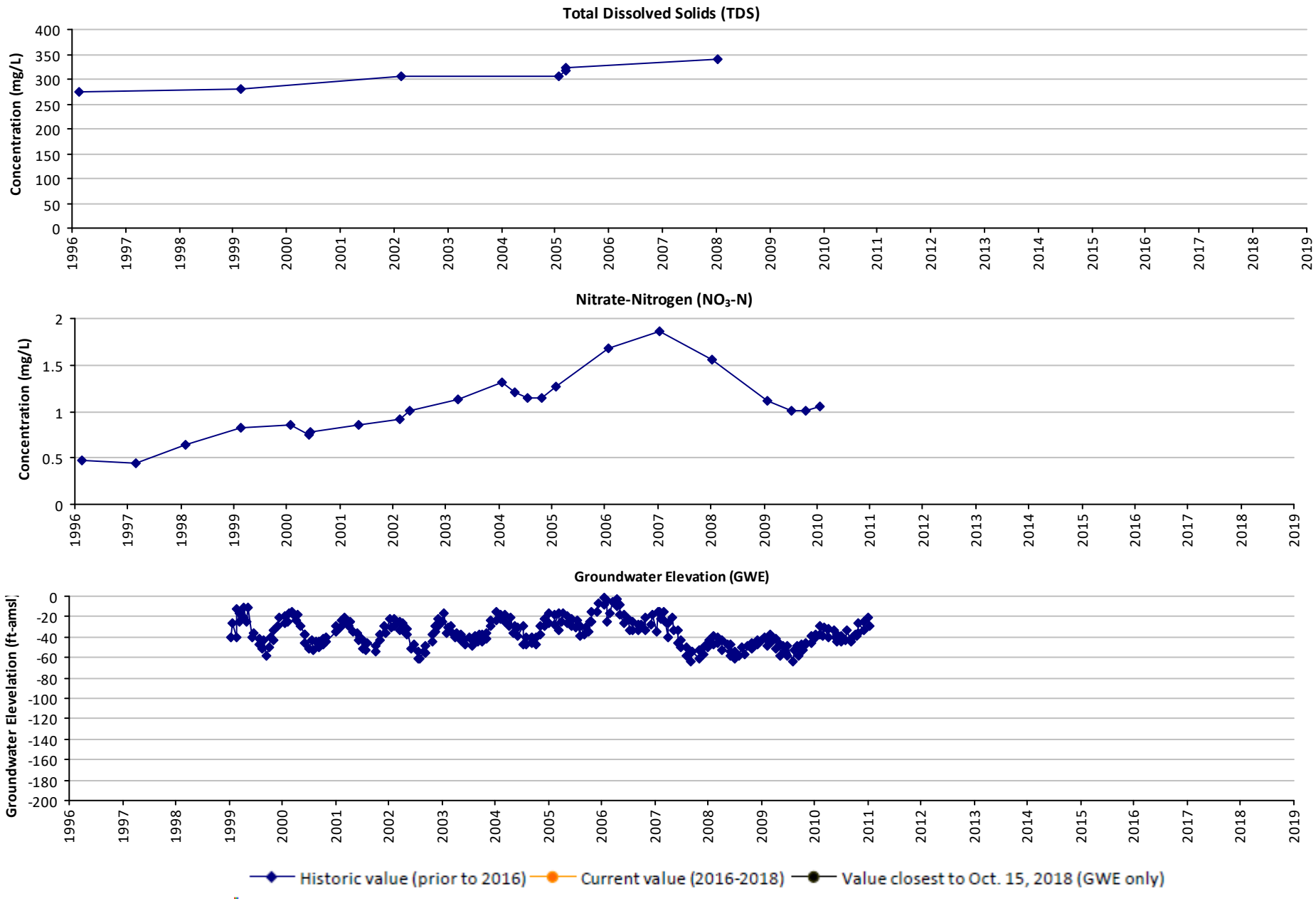

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

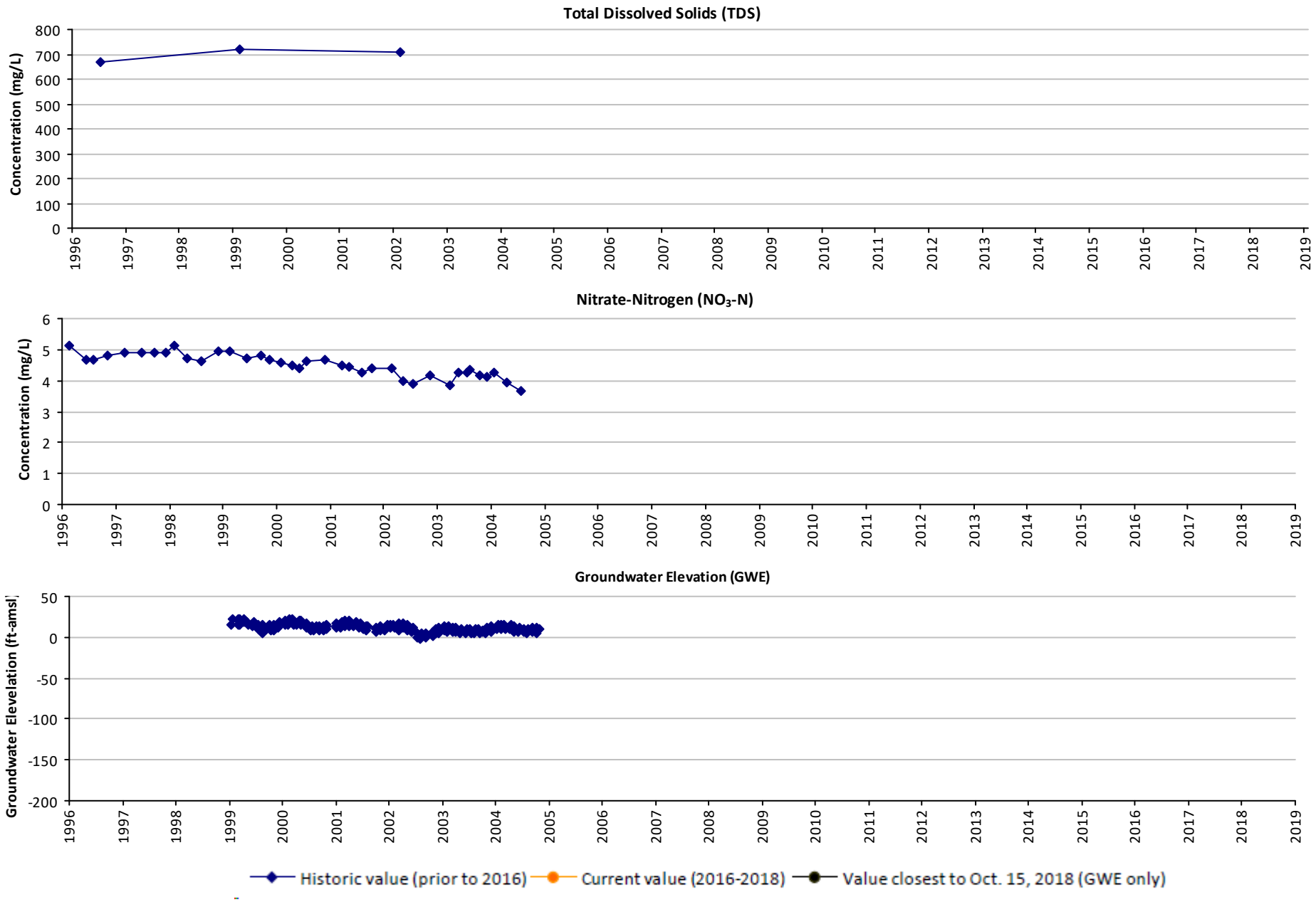

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

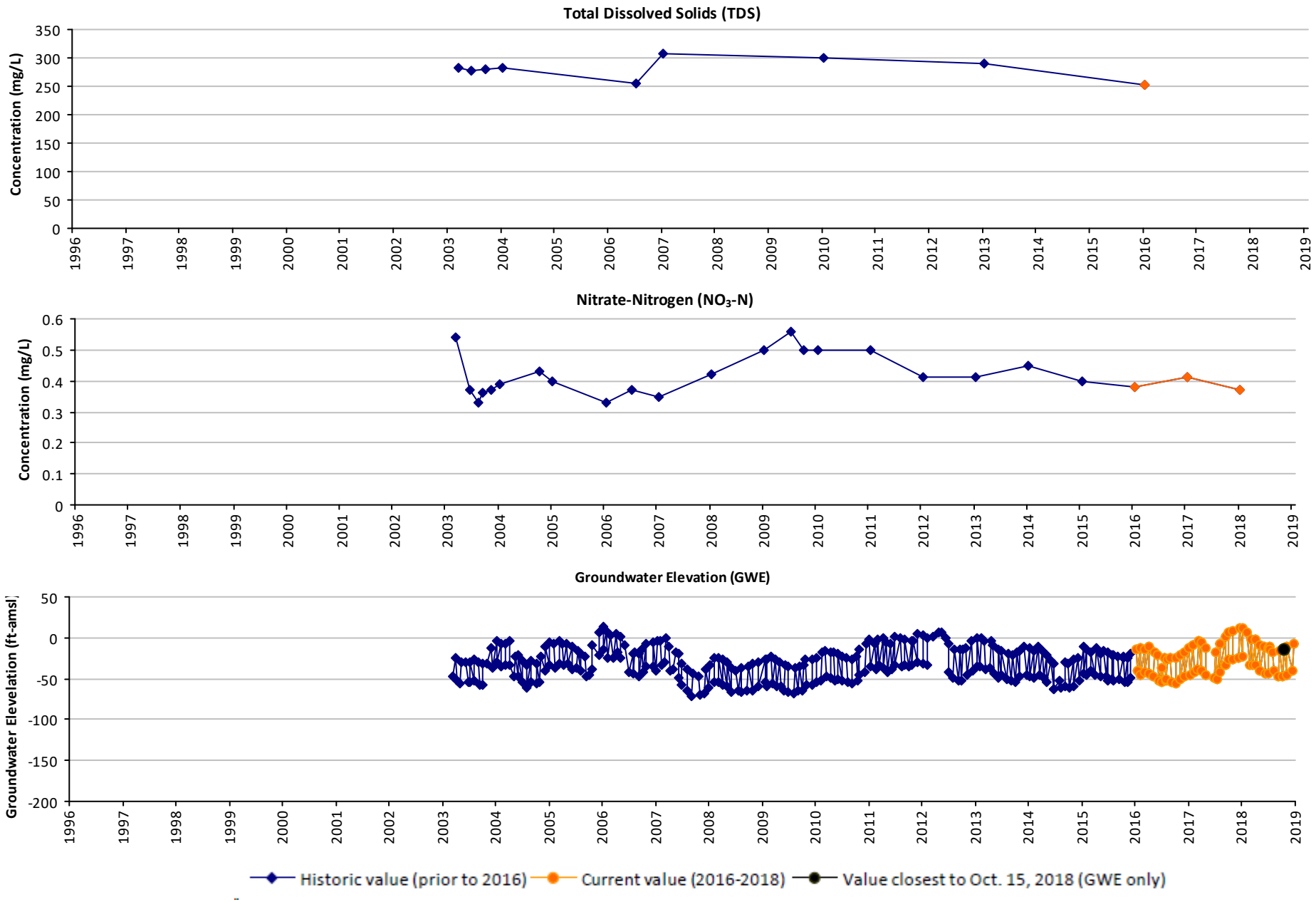


Groundwater Elevation (GWE)

Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

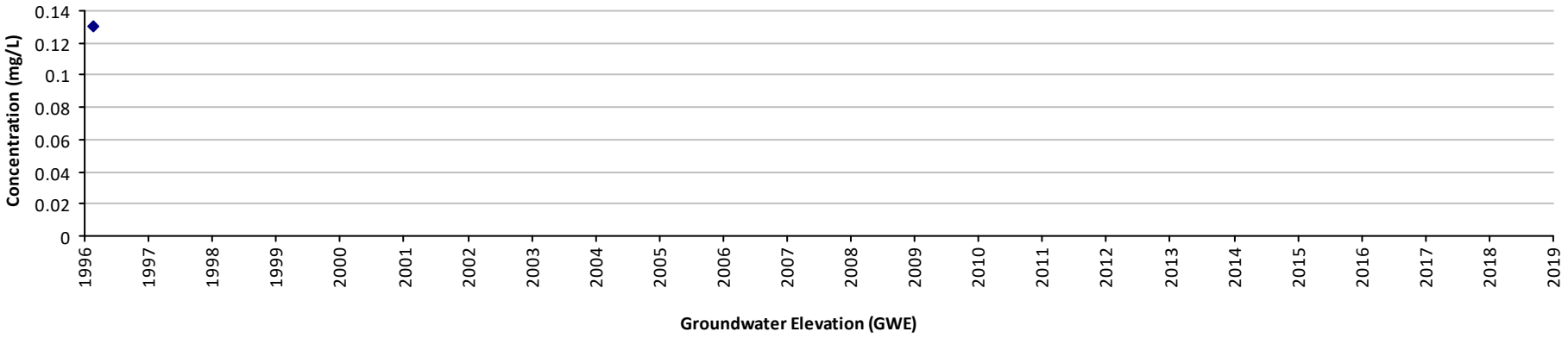

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

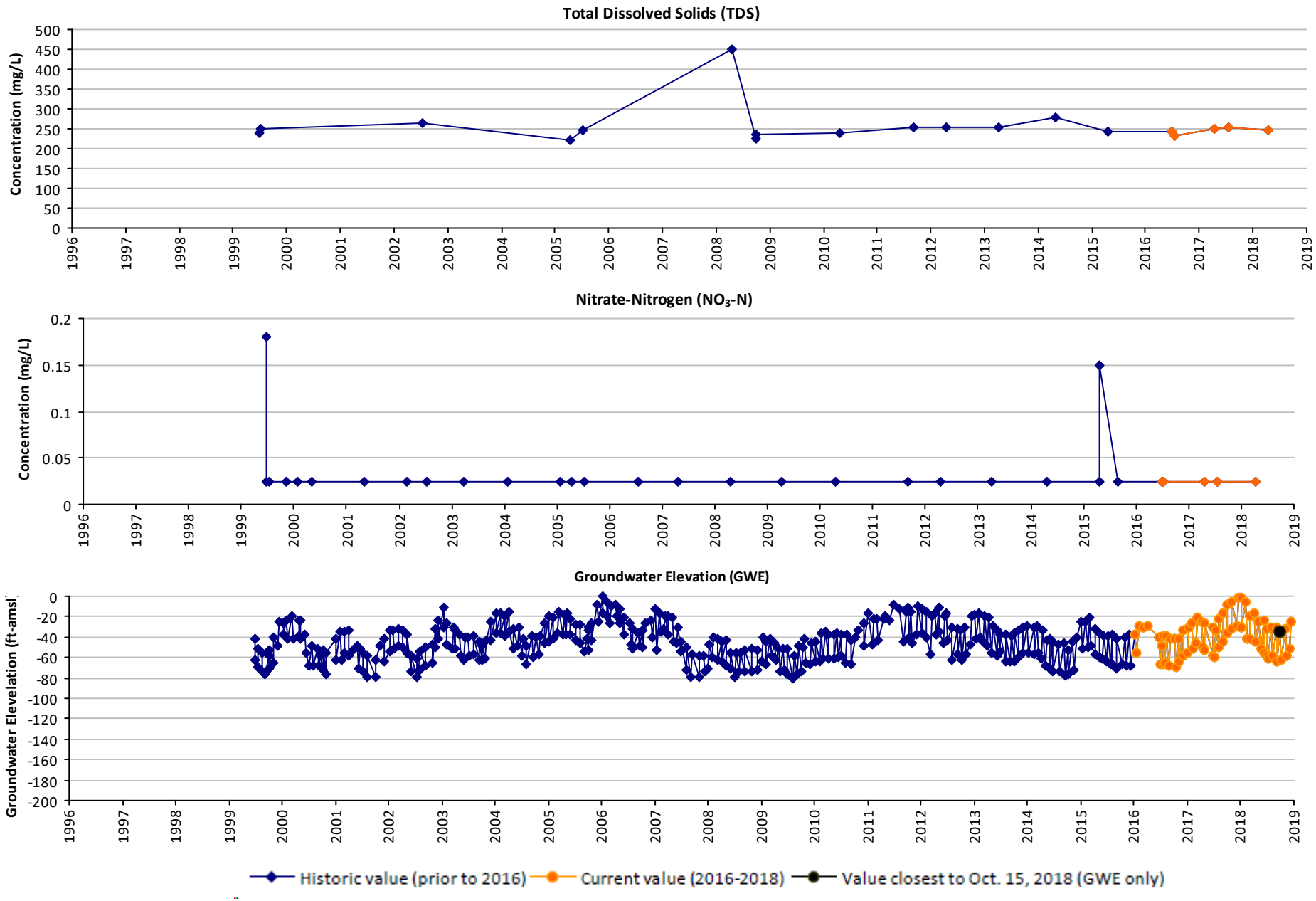

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

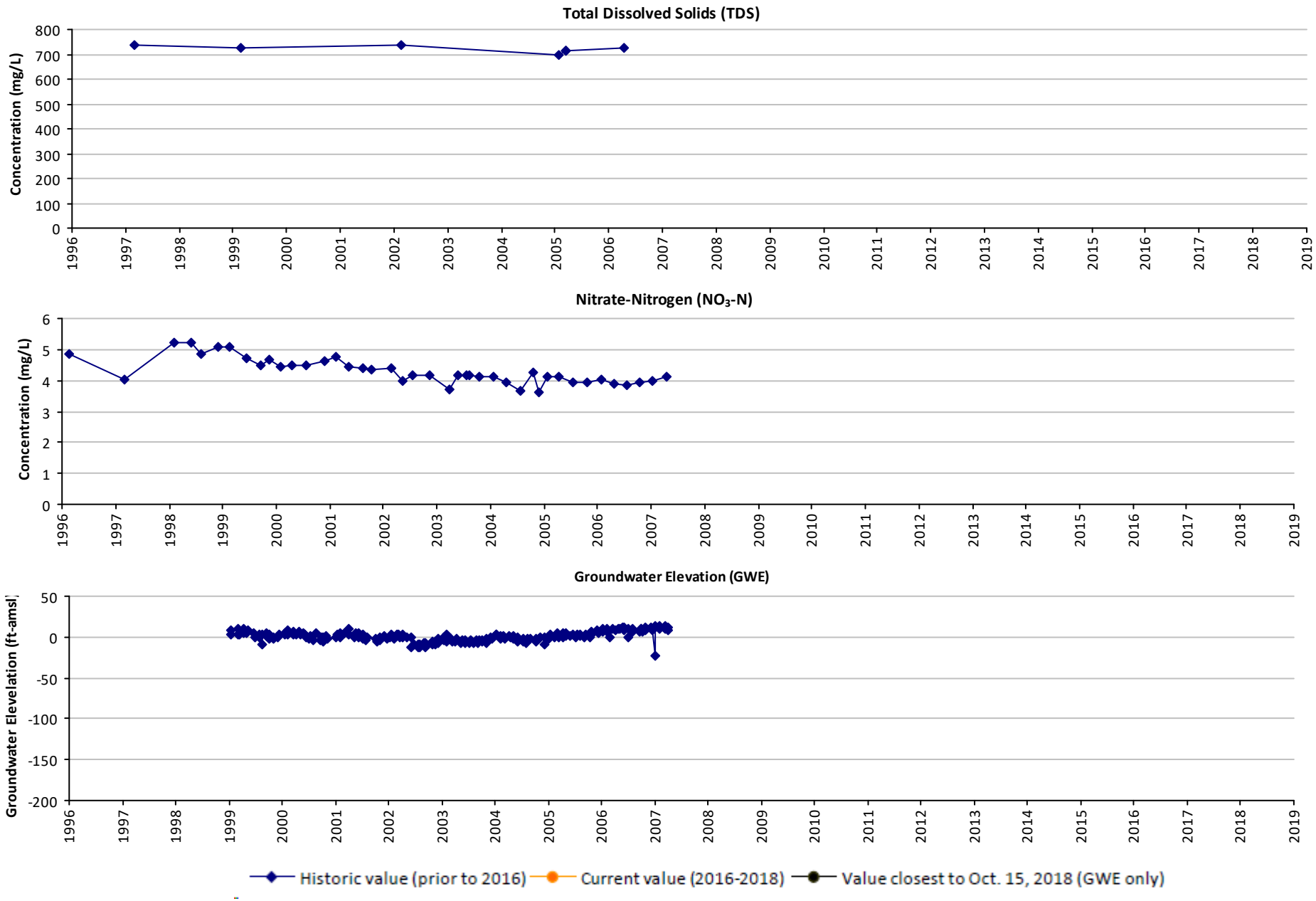
Total Dissolved Solids (TDS)

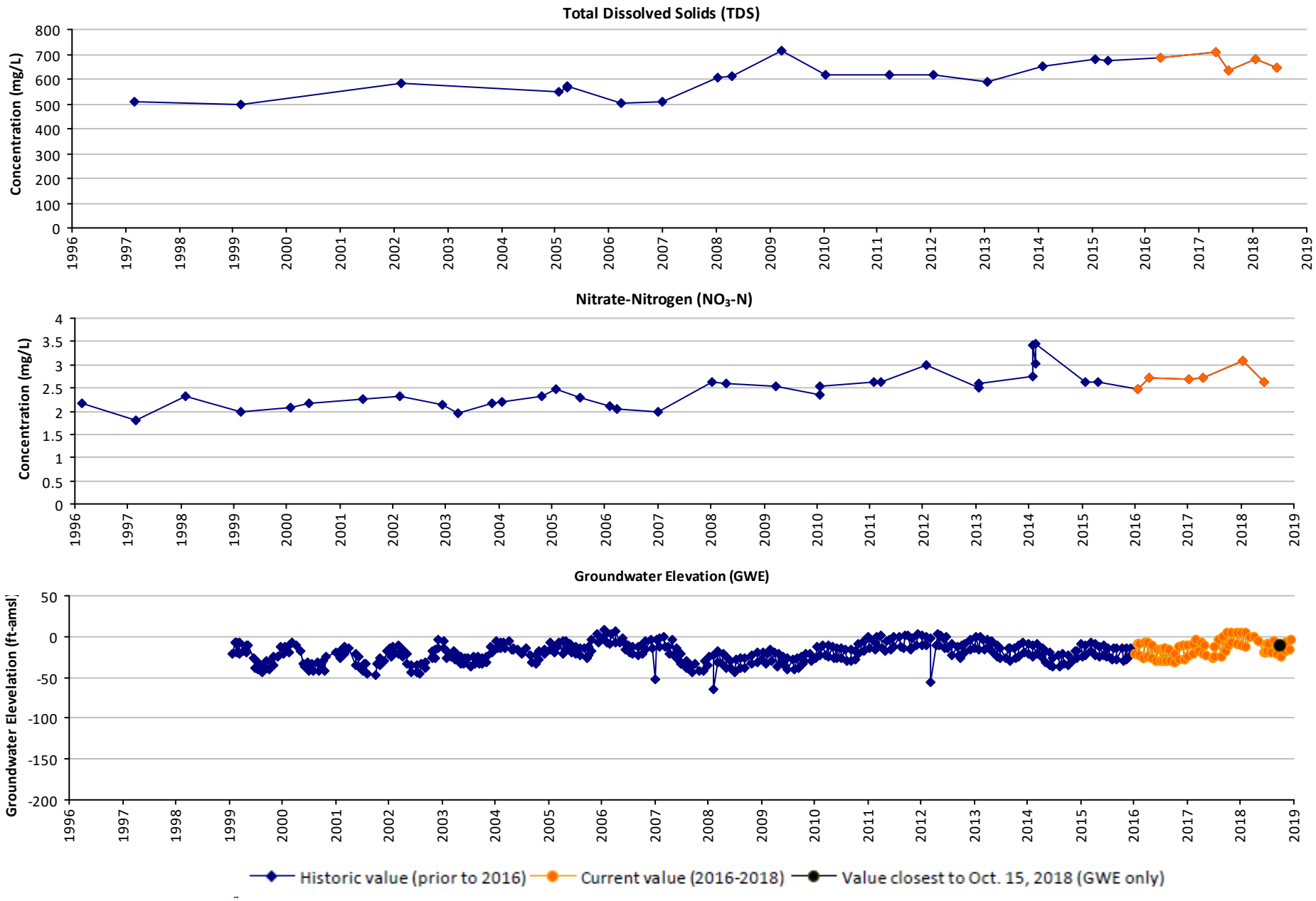
Nitrate-Nitrogen (NO_3-N)

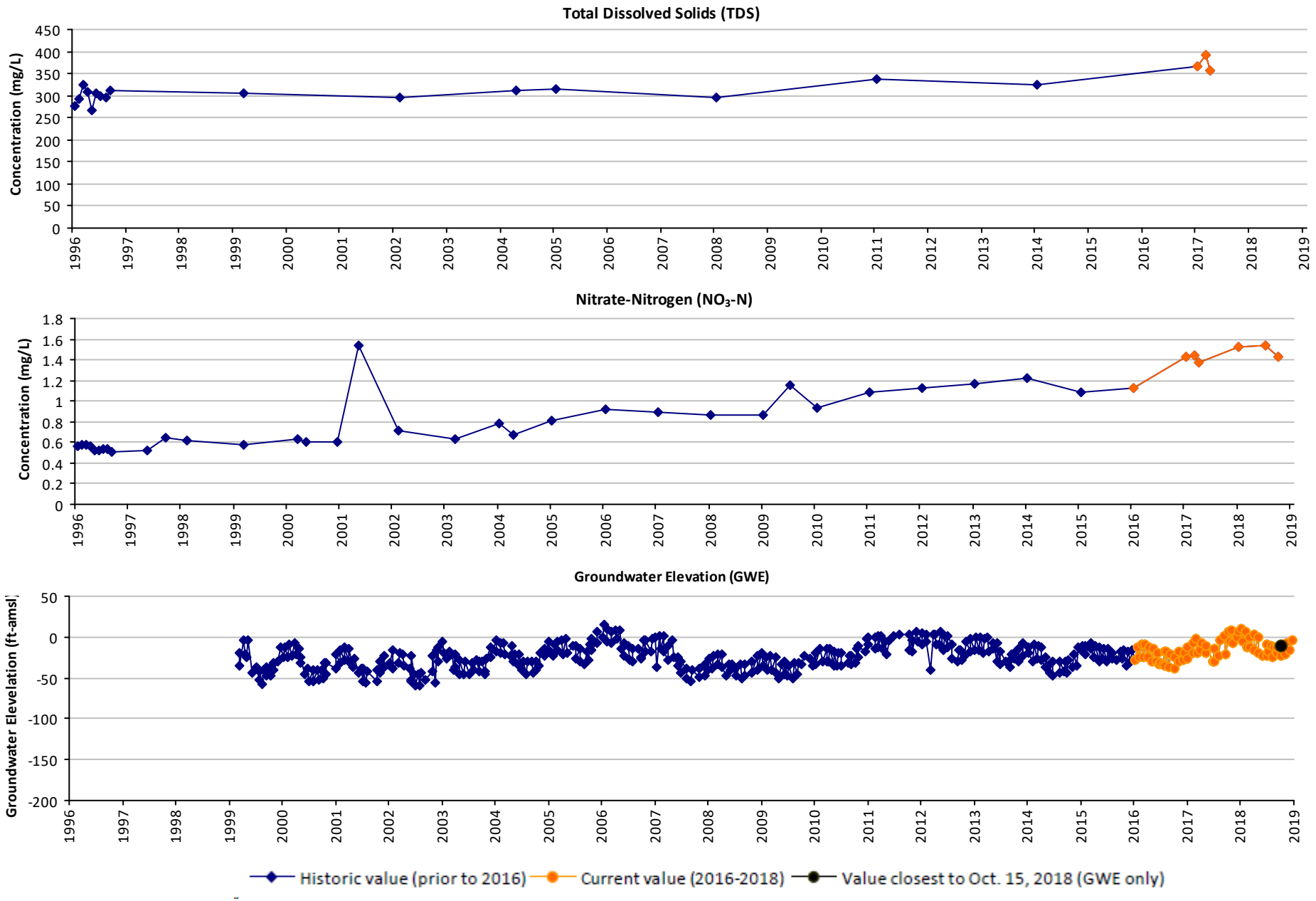


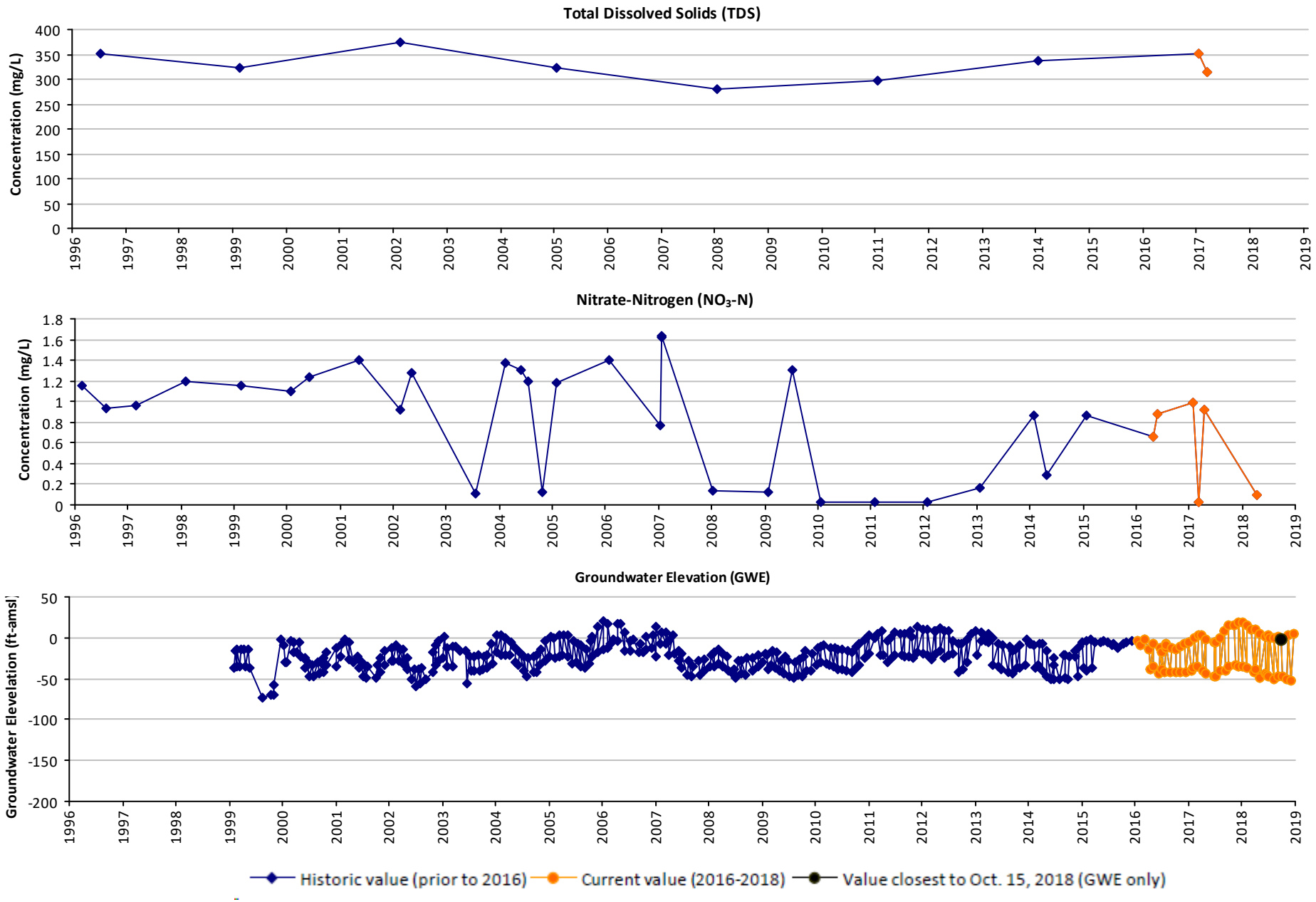
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

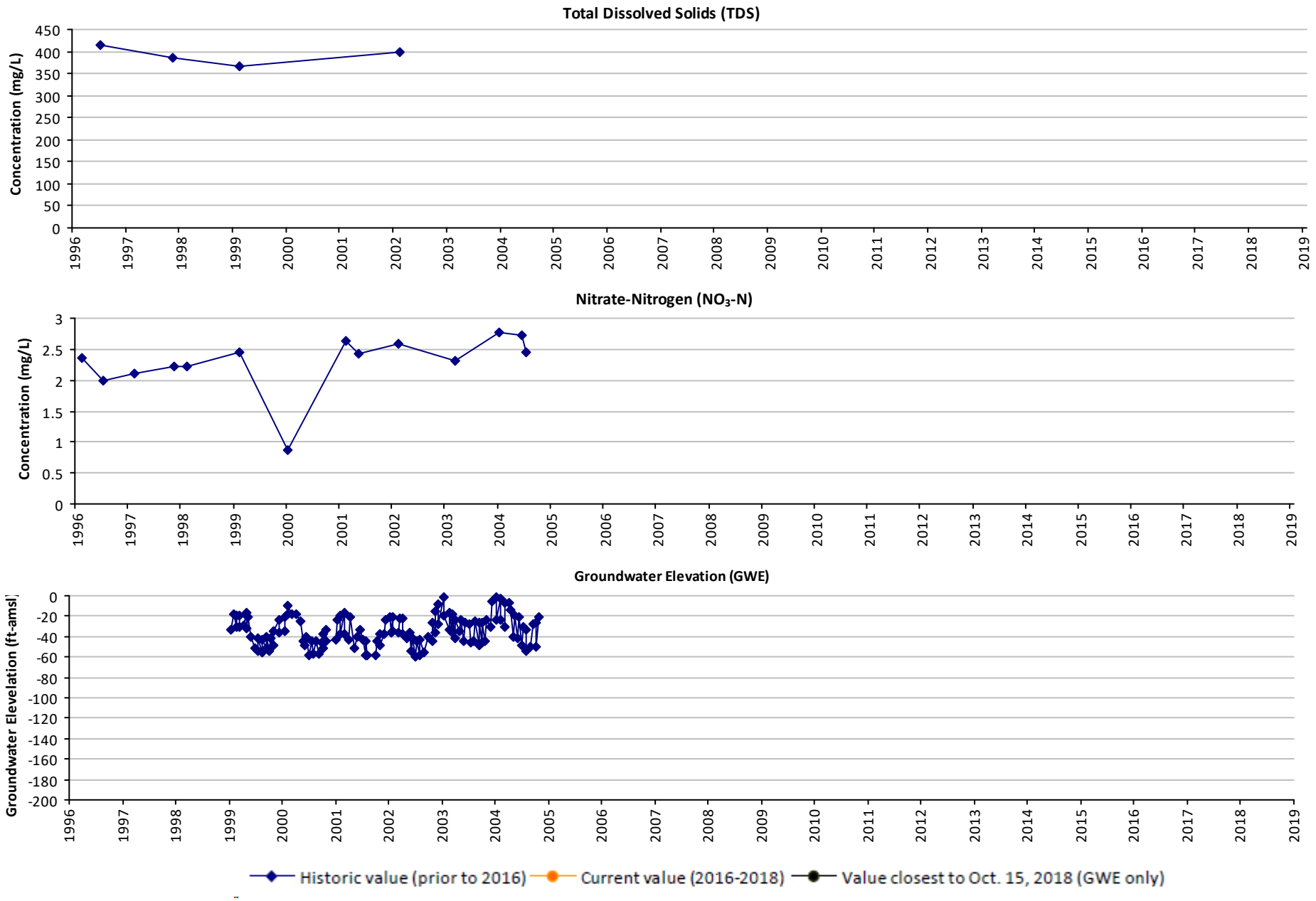

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

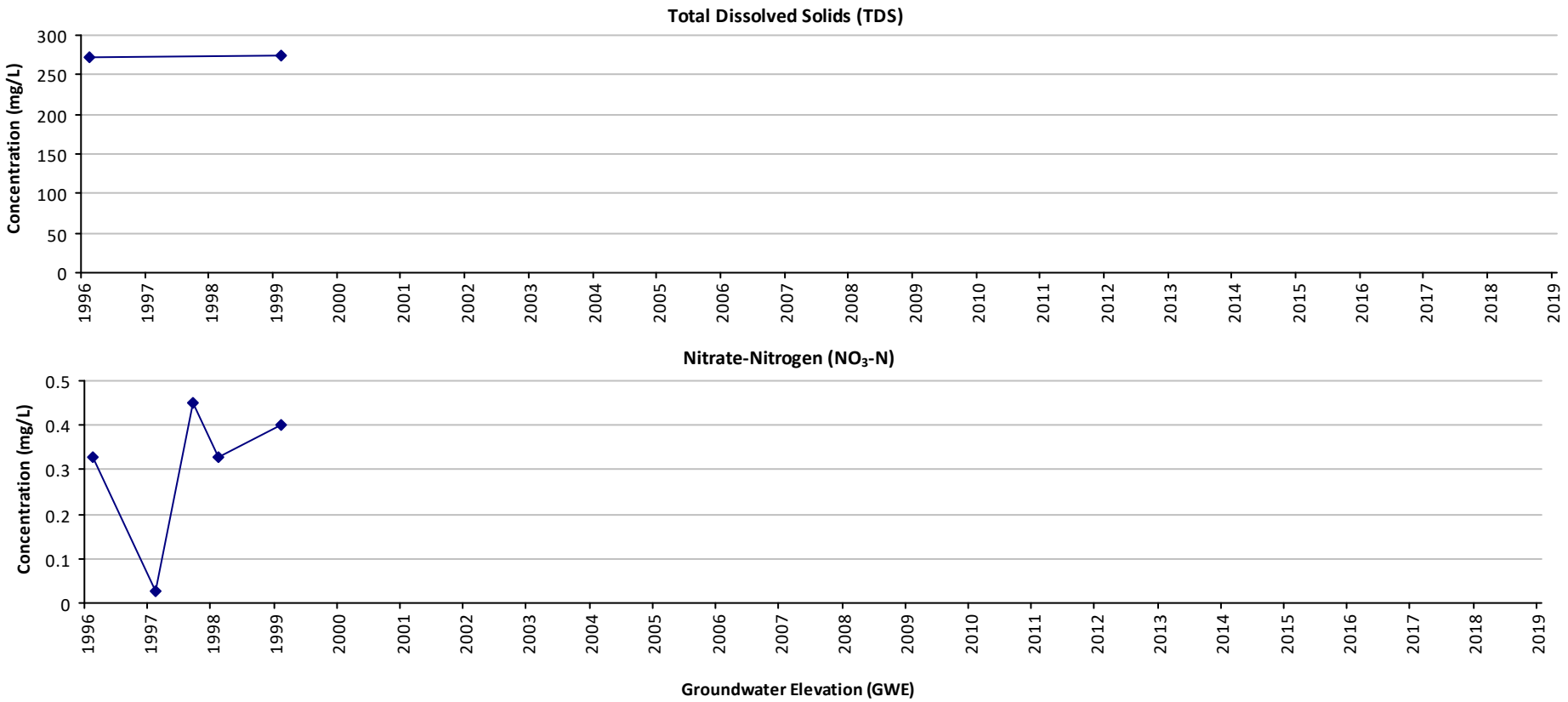

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

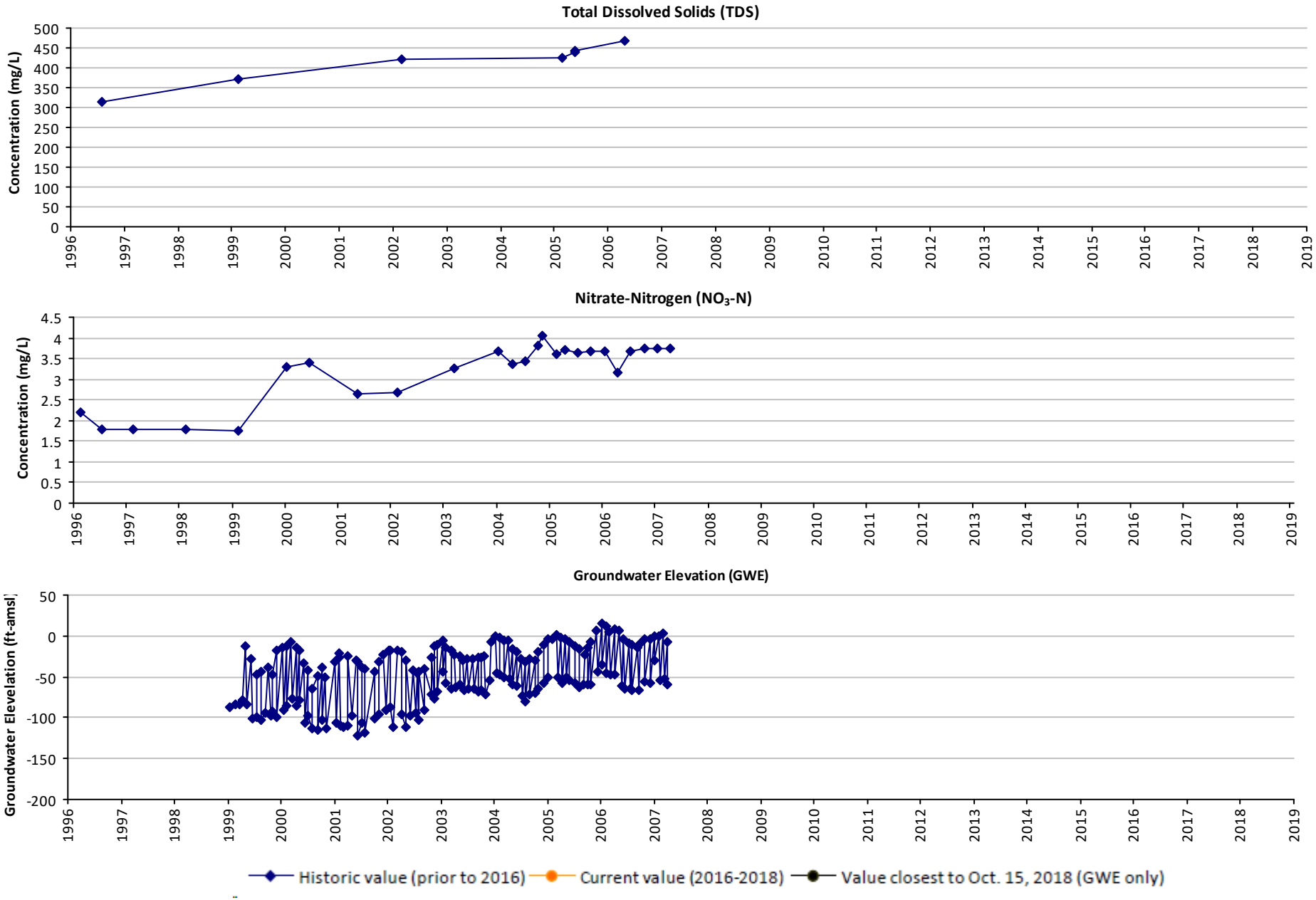

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

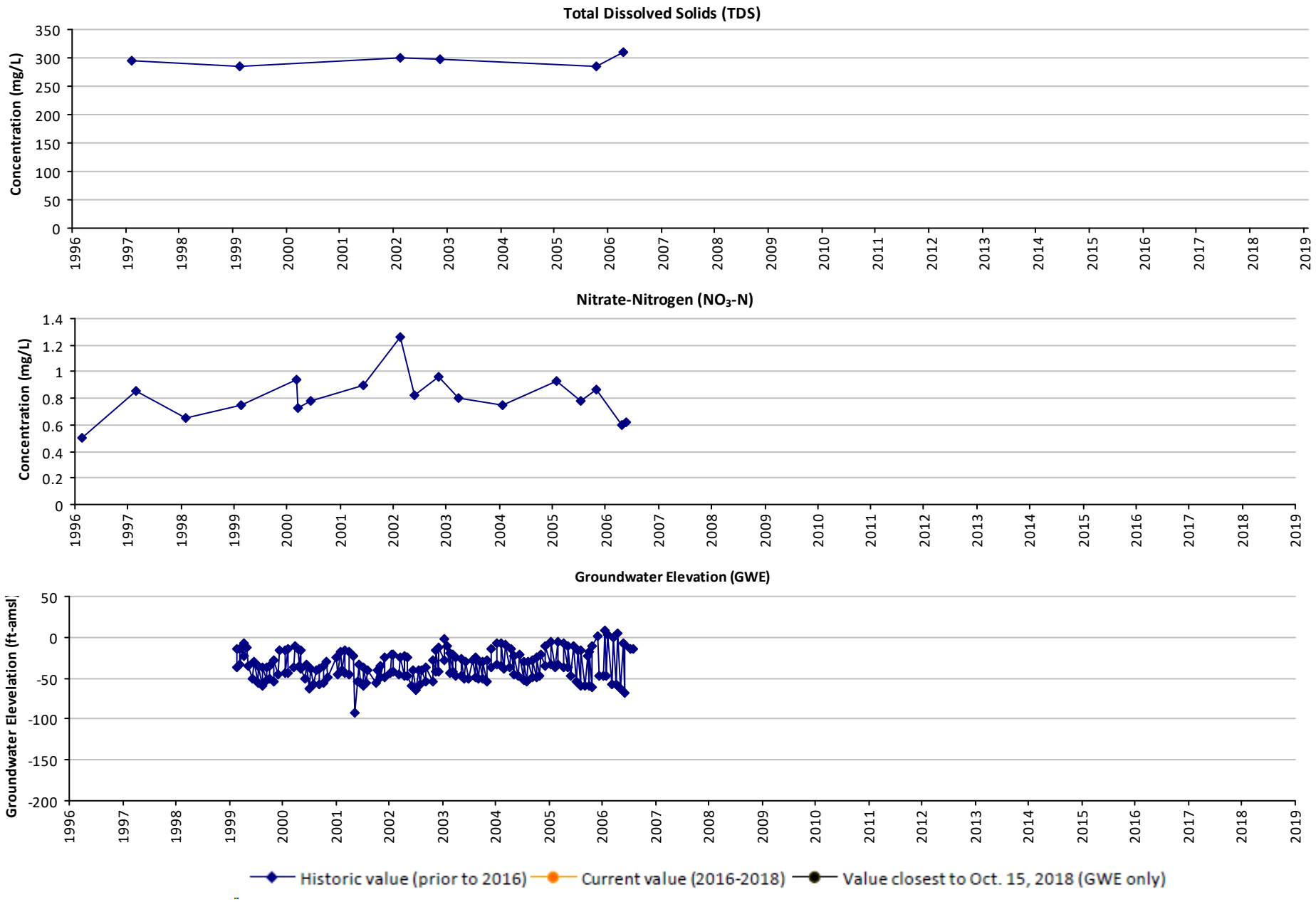

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

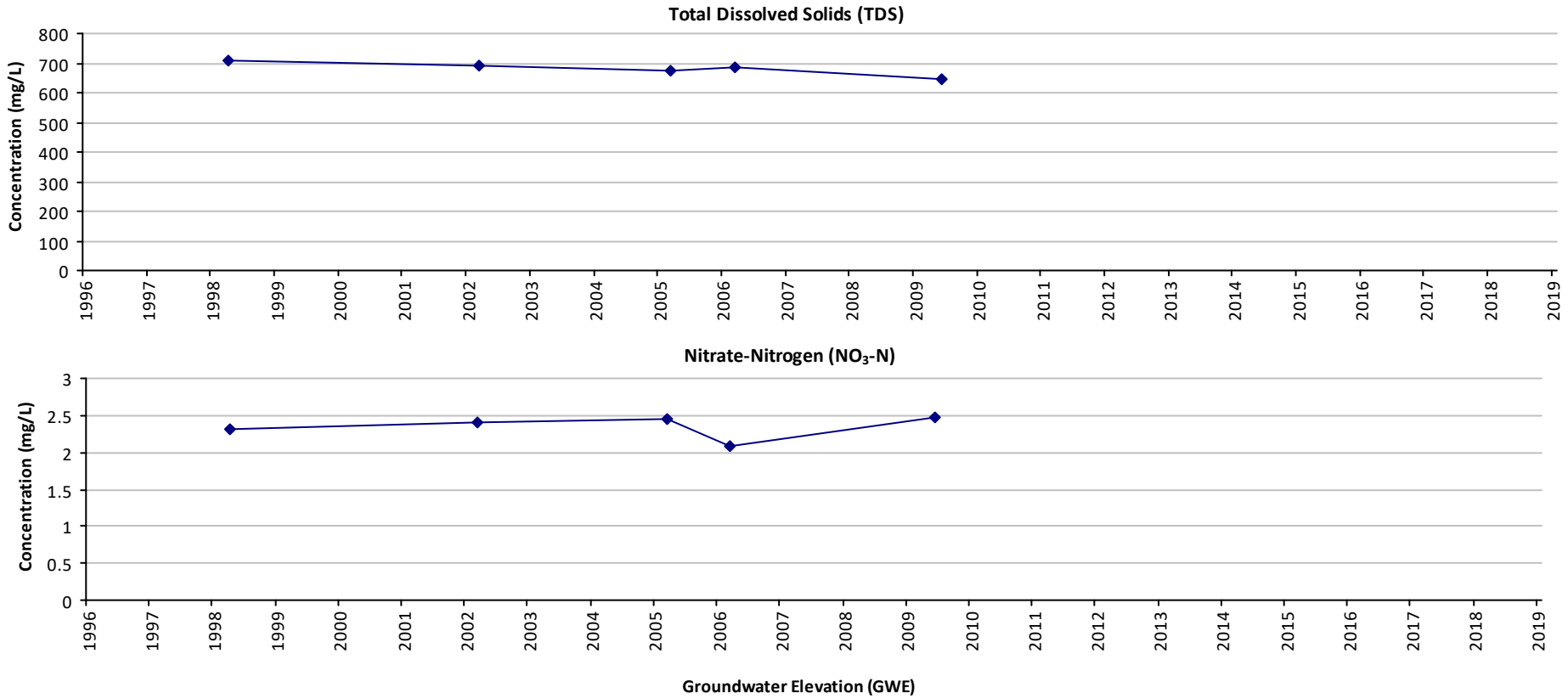

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

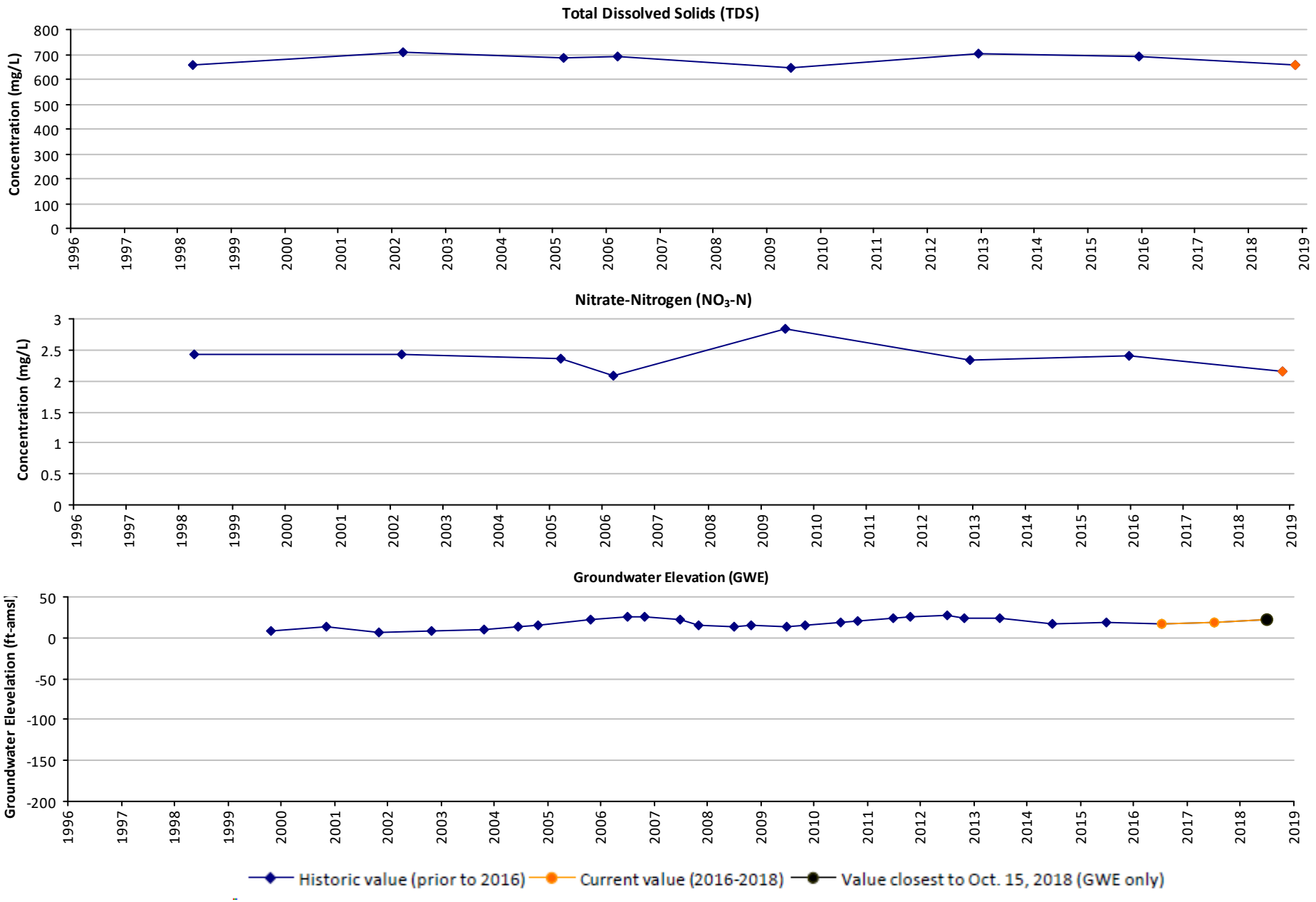

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

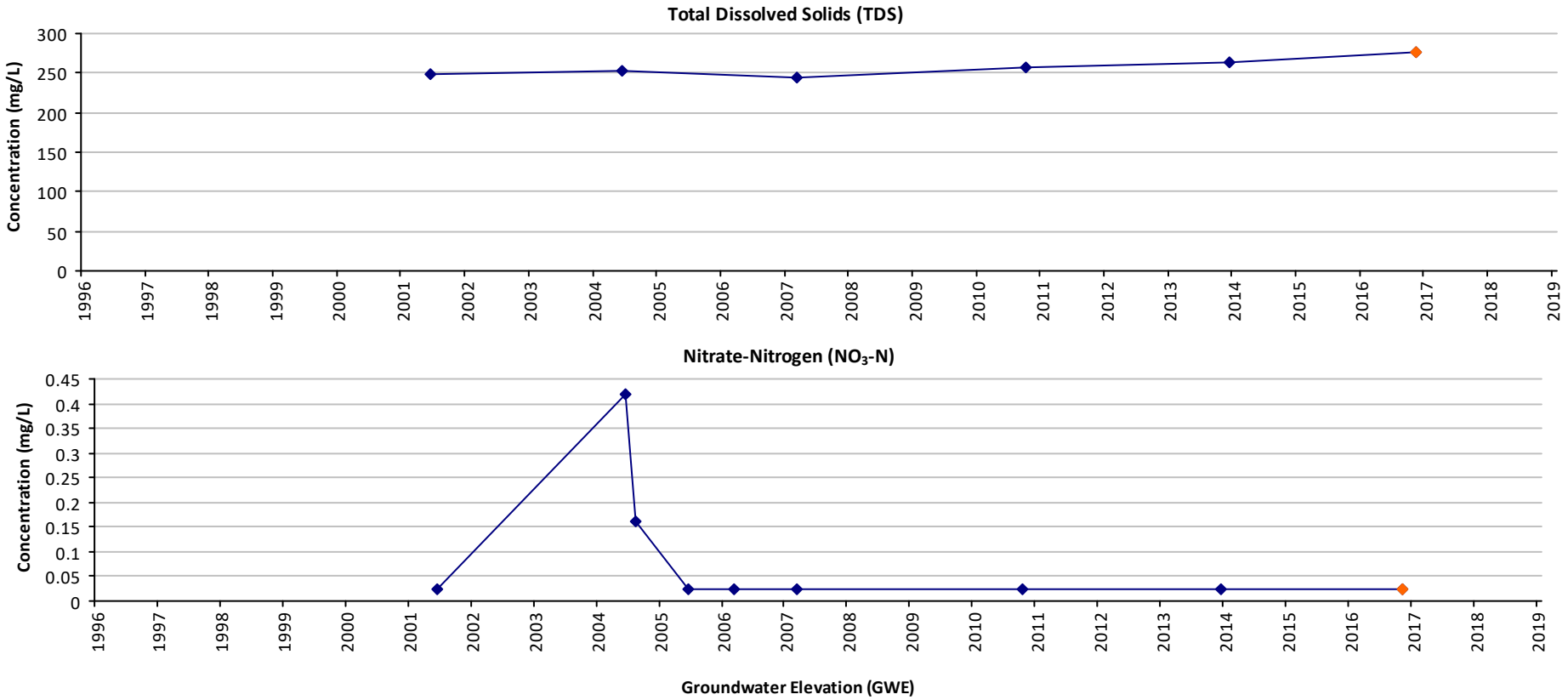

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

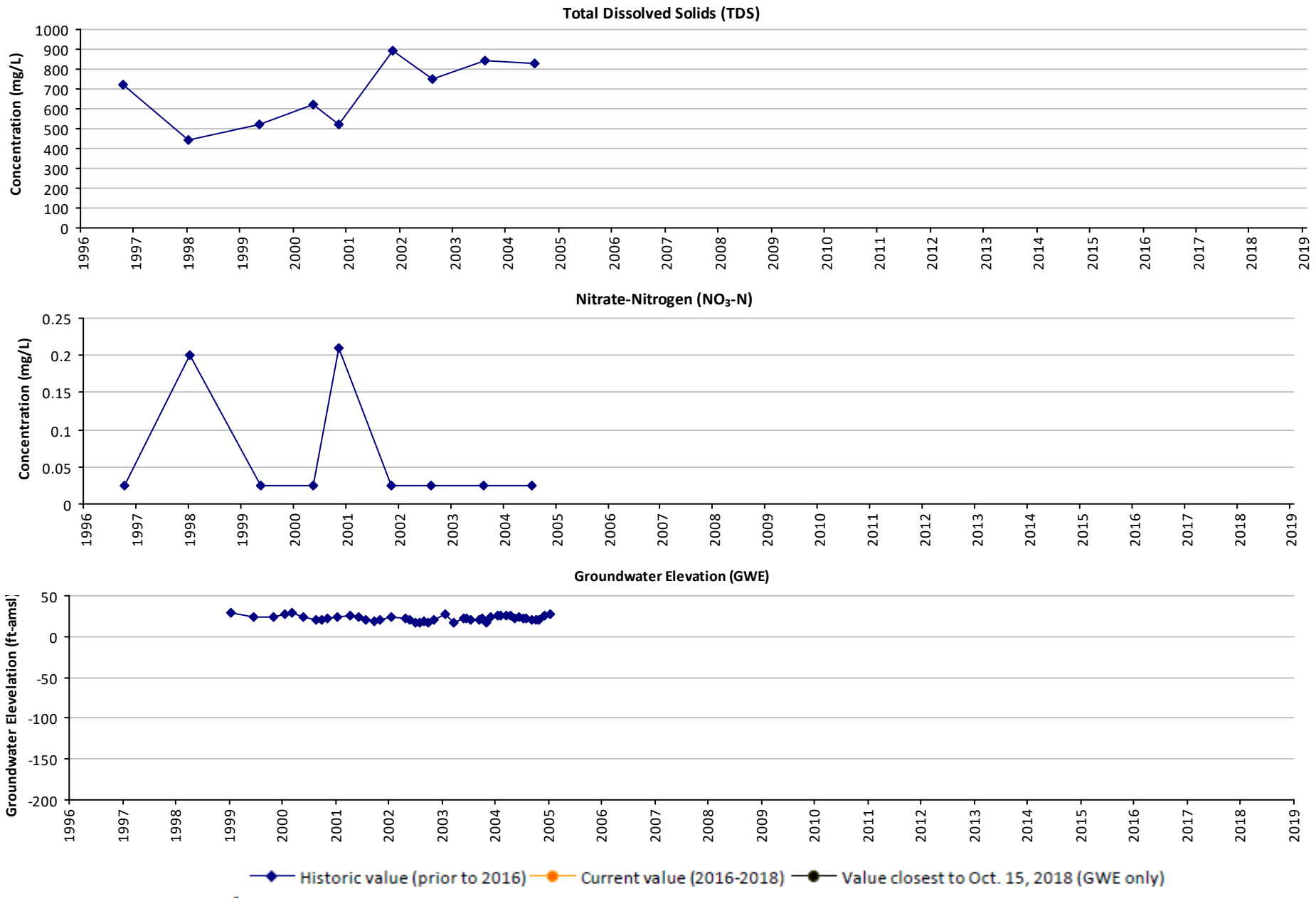

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

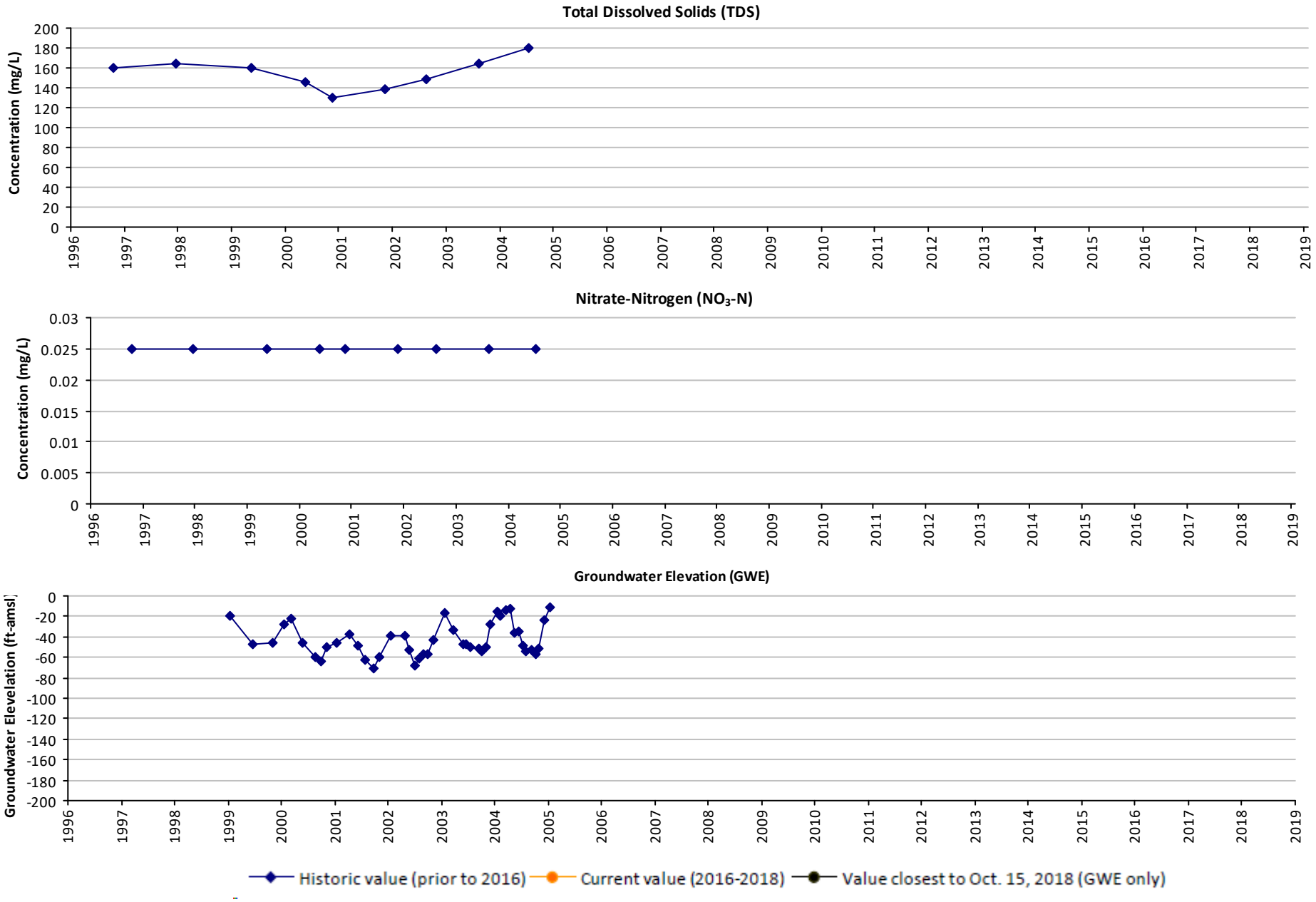

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

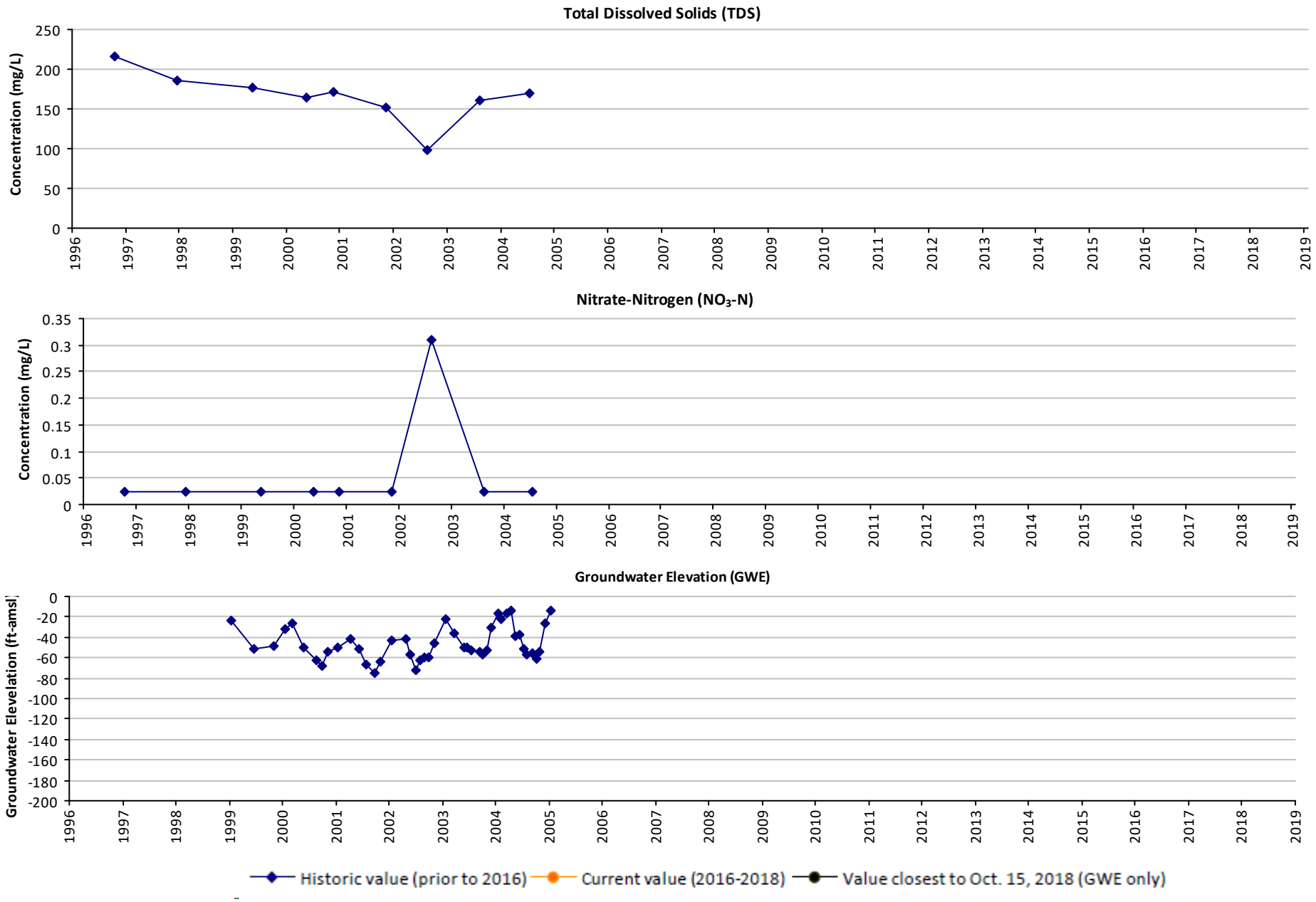

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

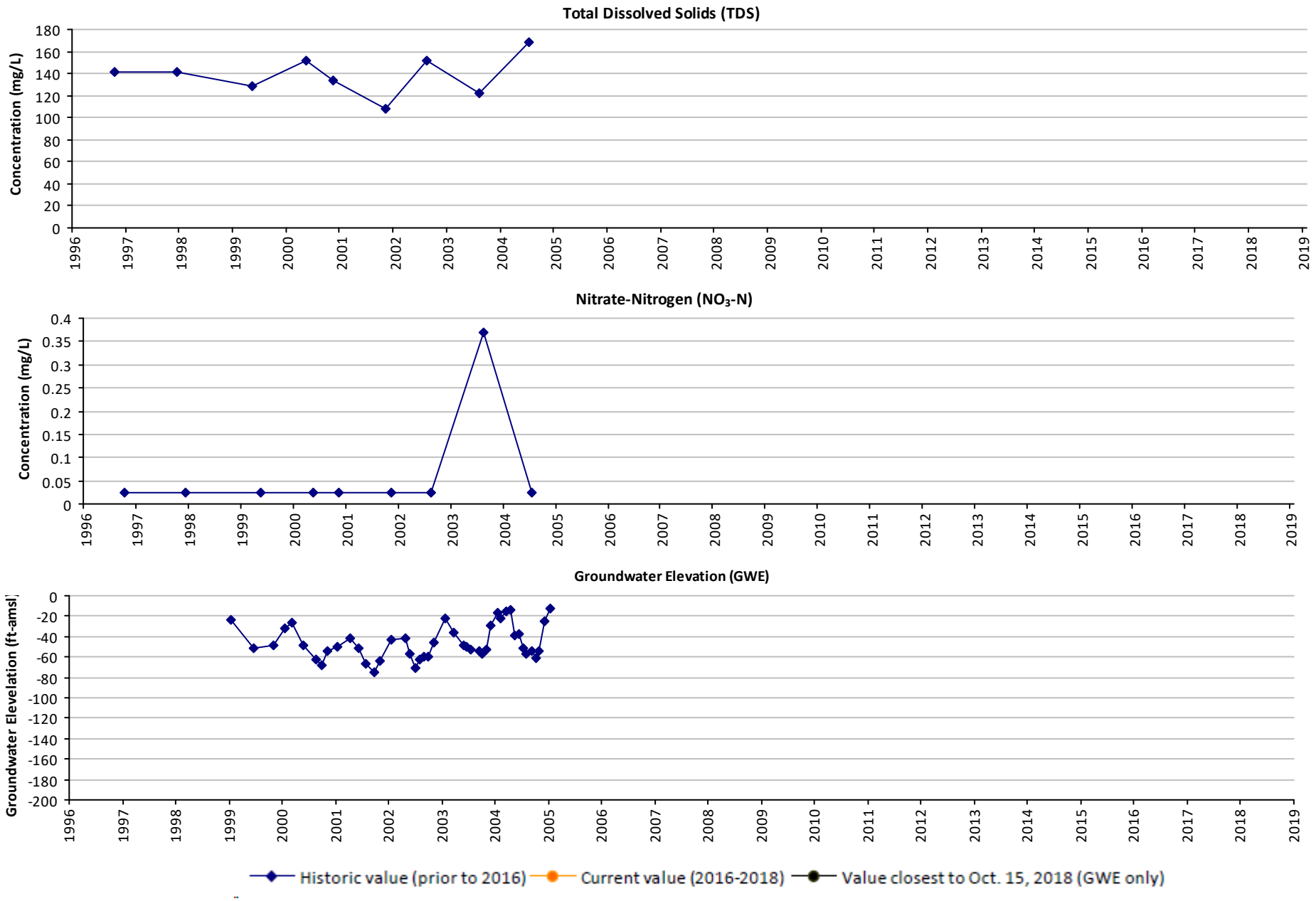

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

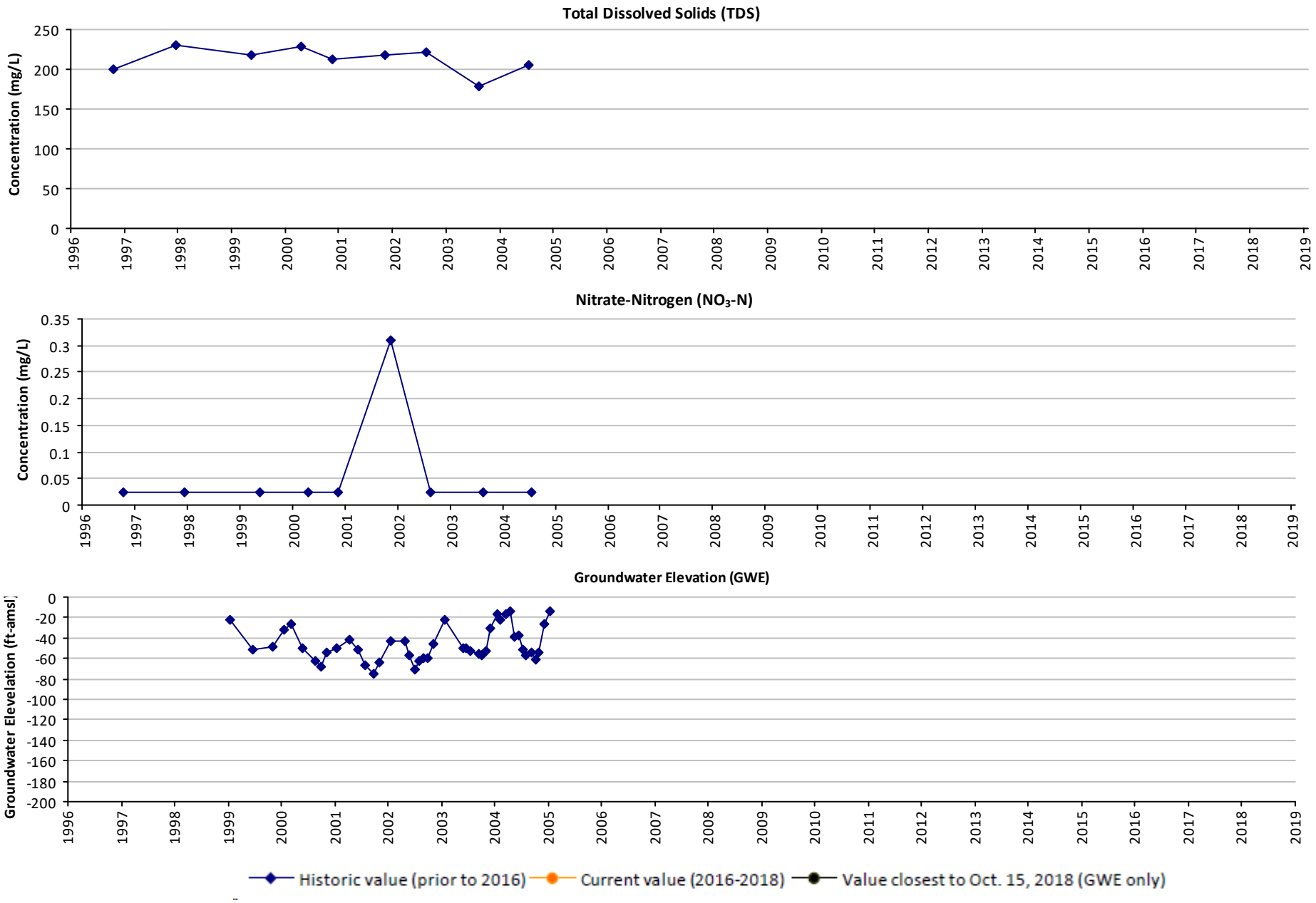

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

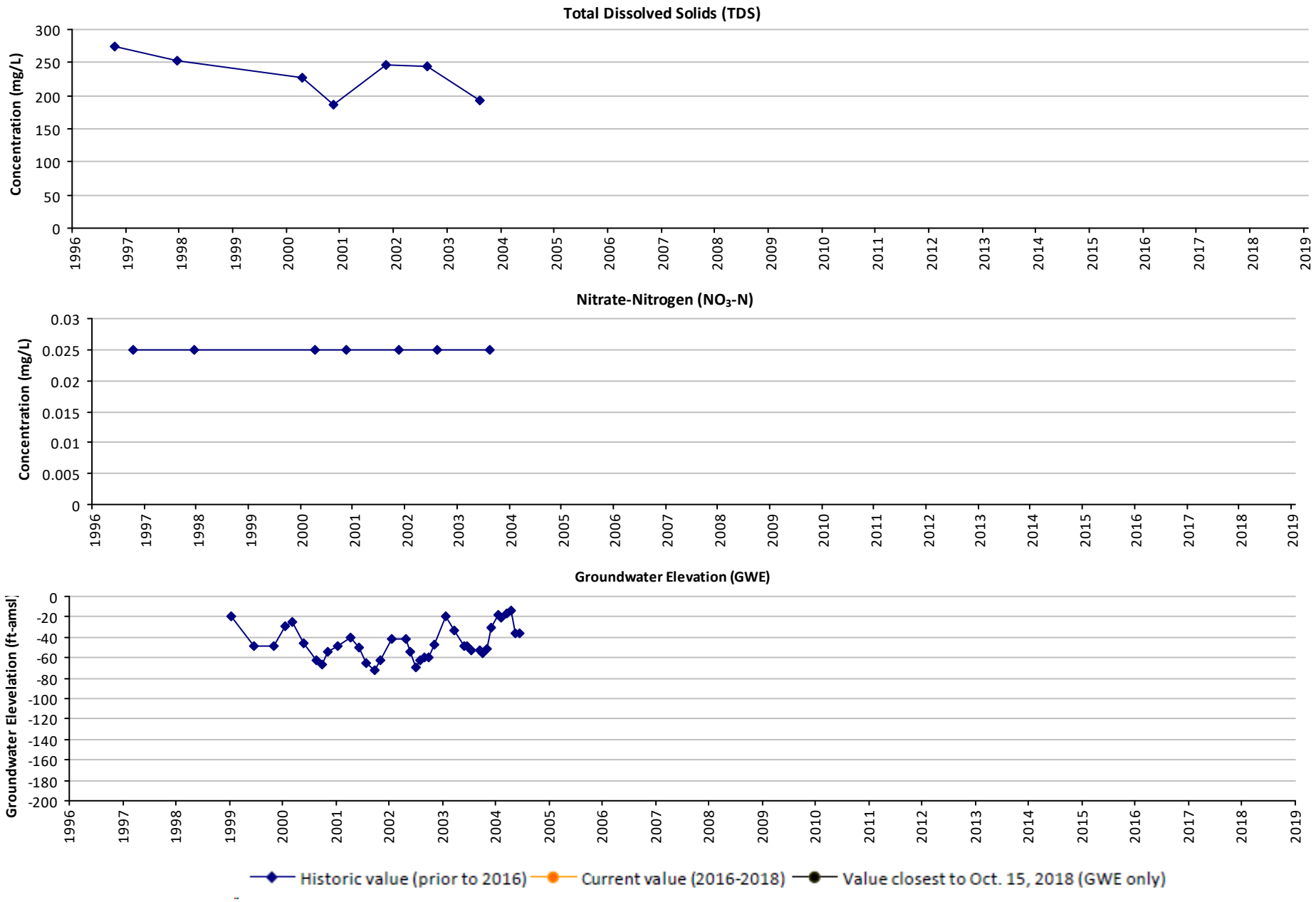

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

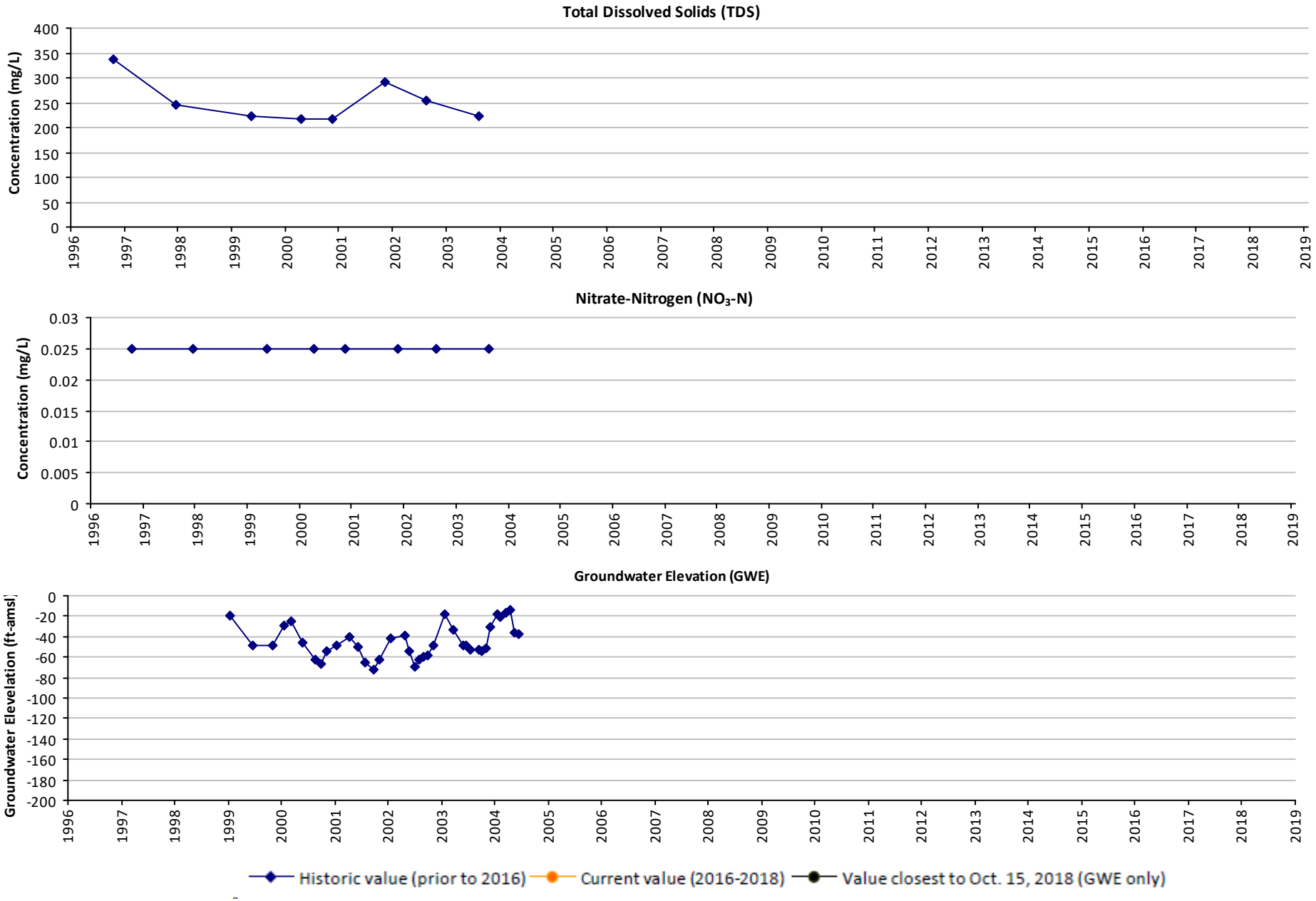

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

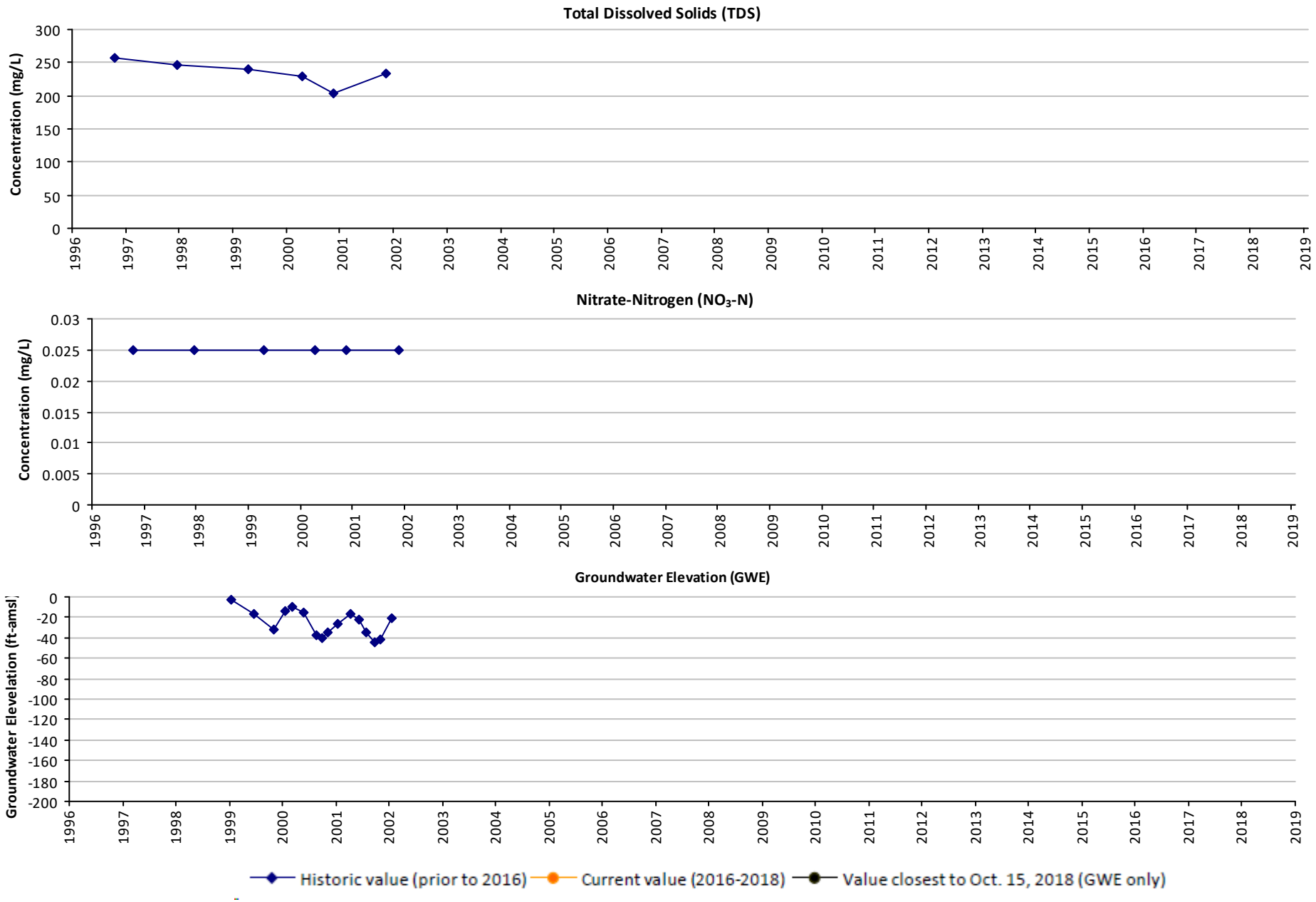

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

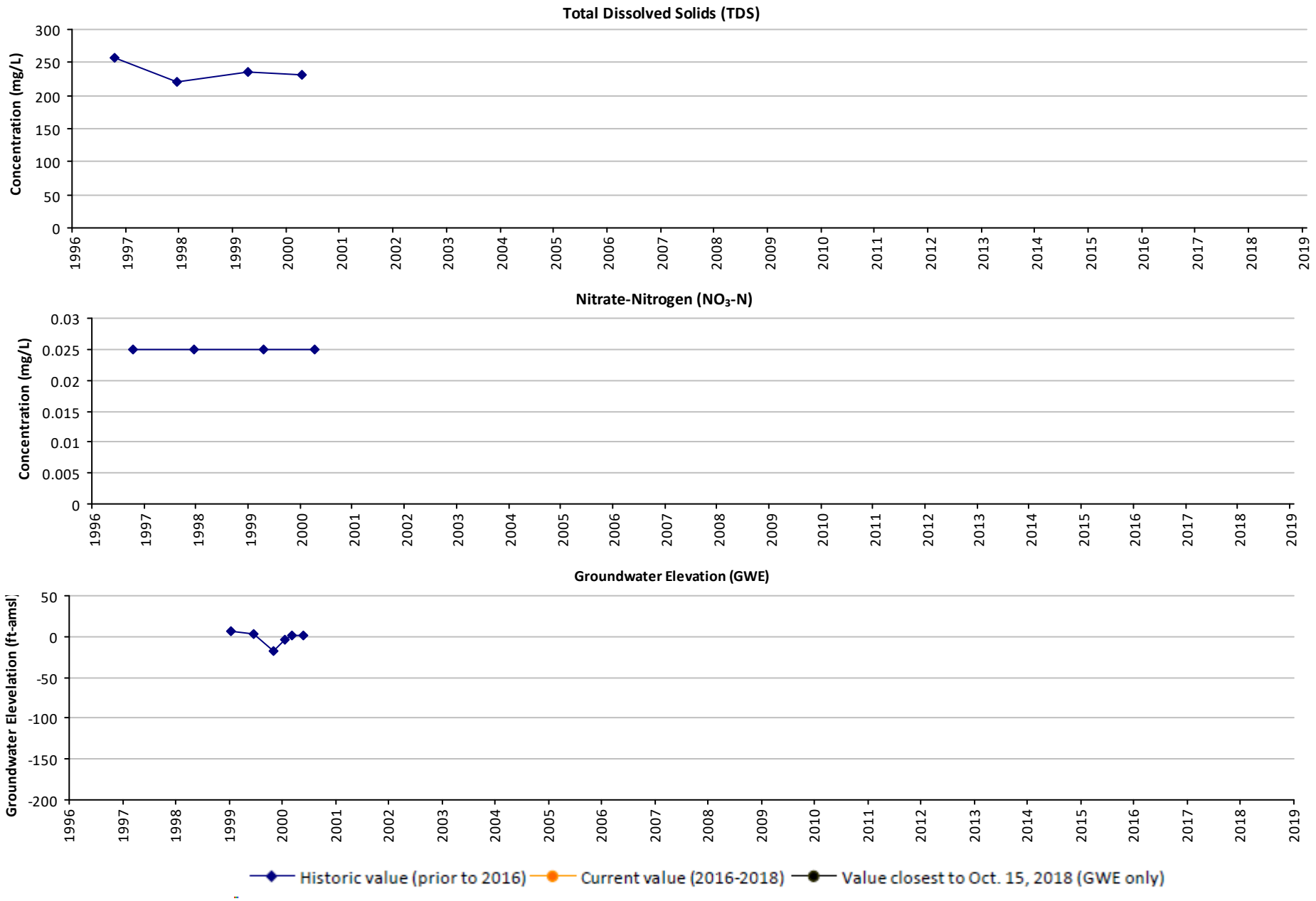

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

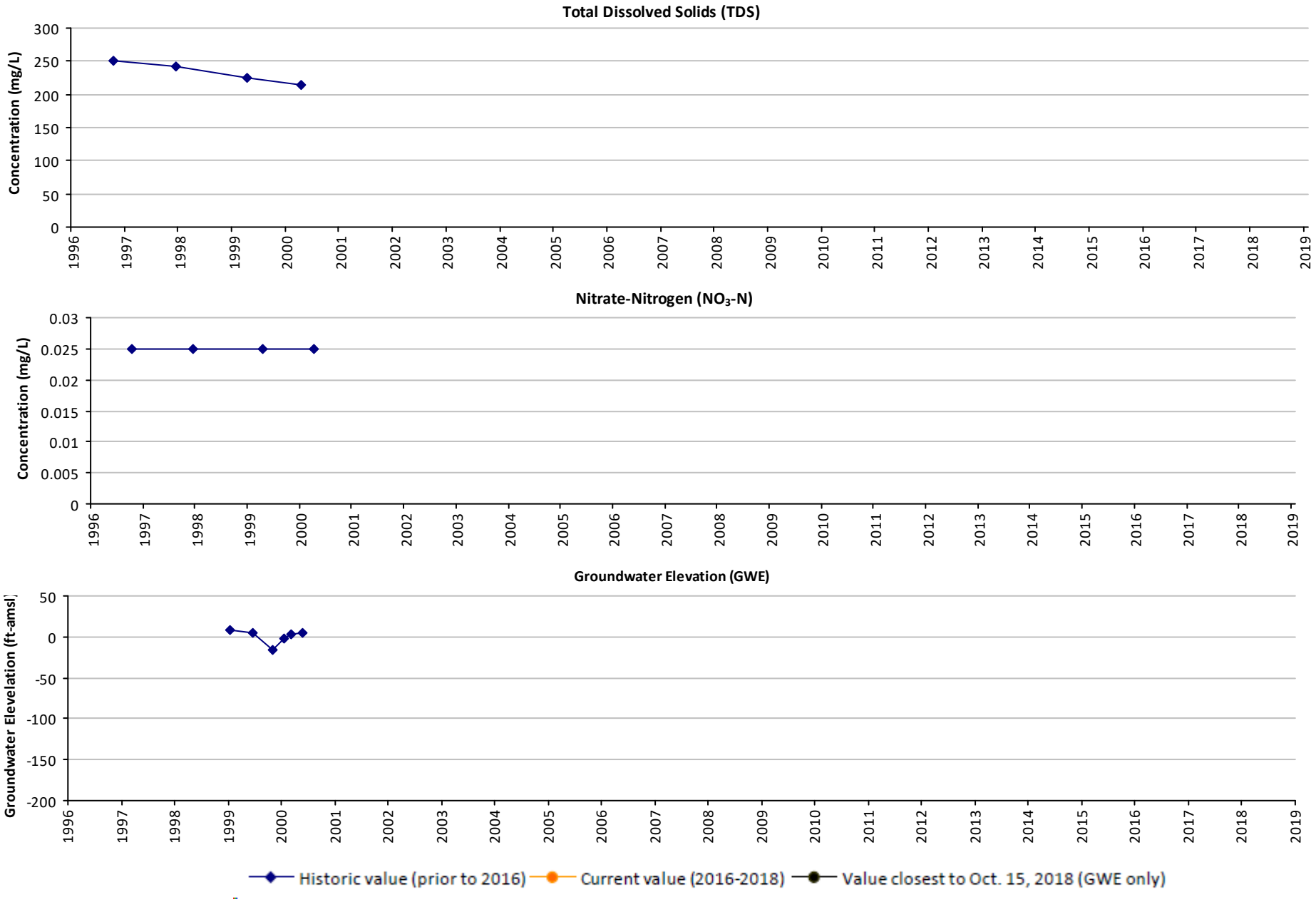

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

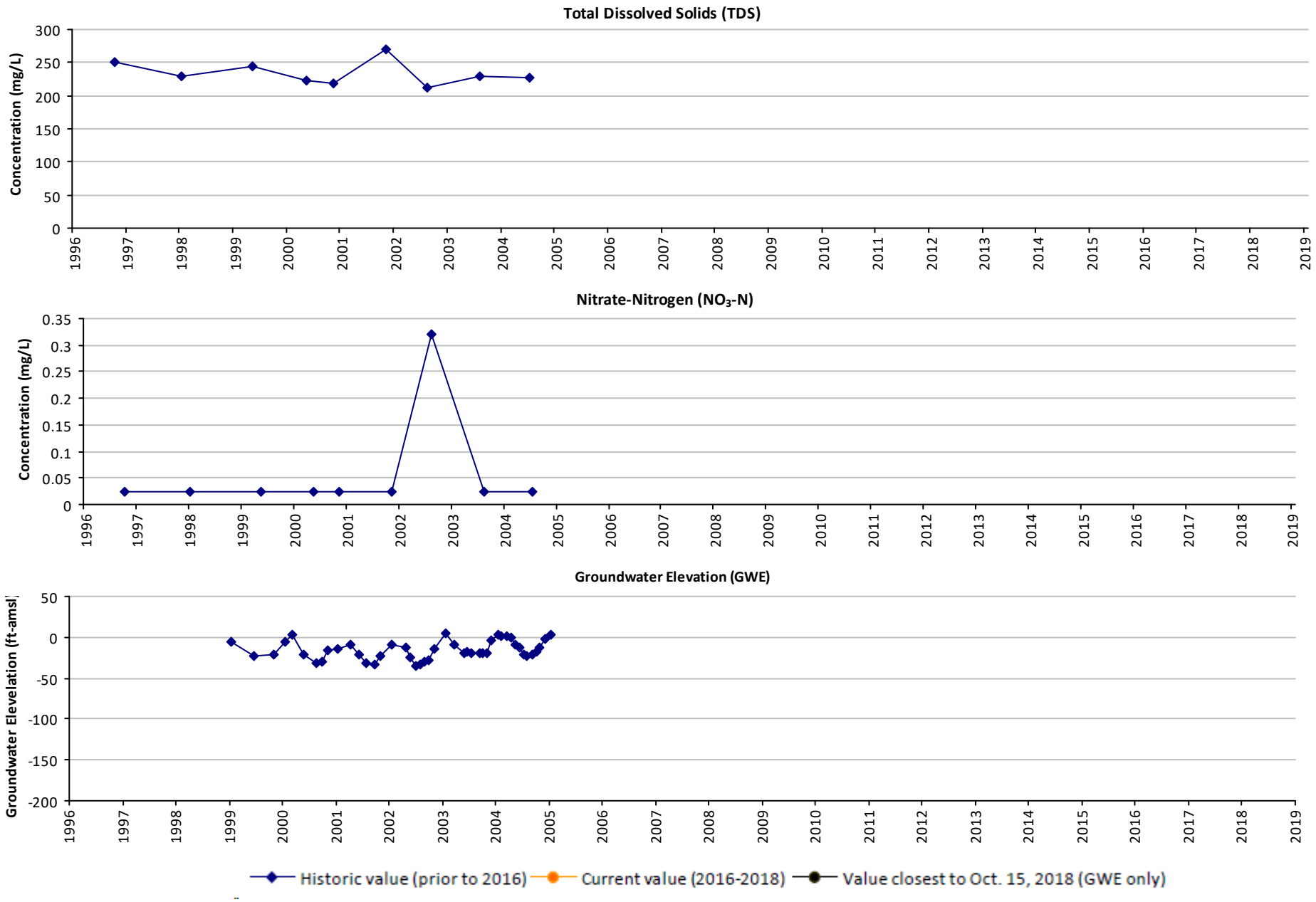

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

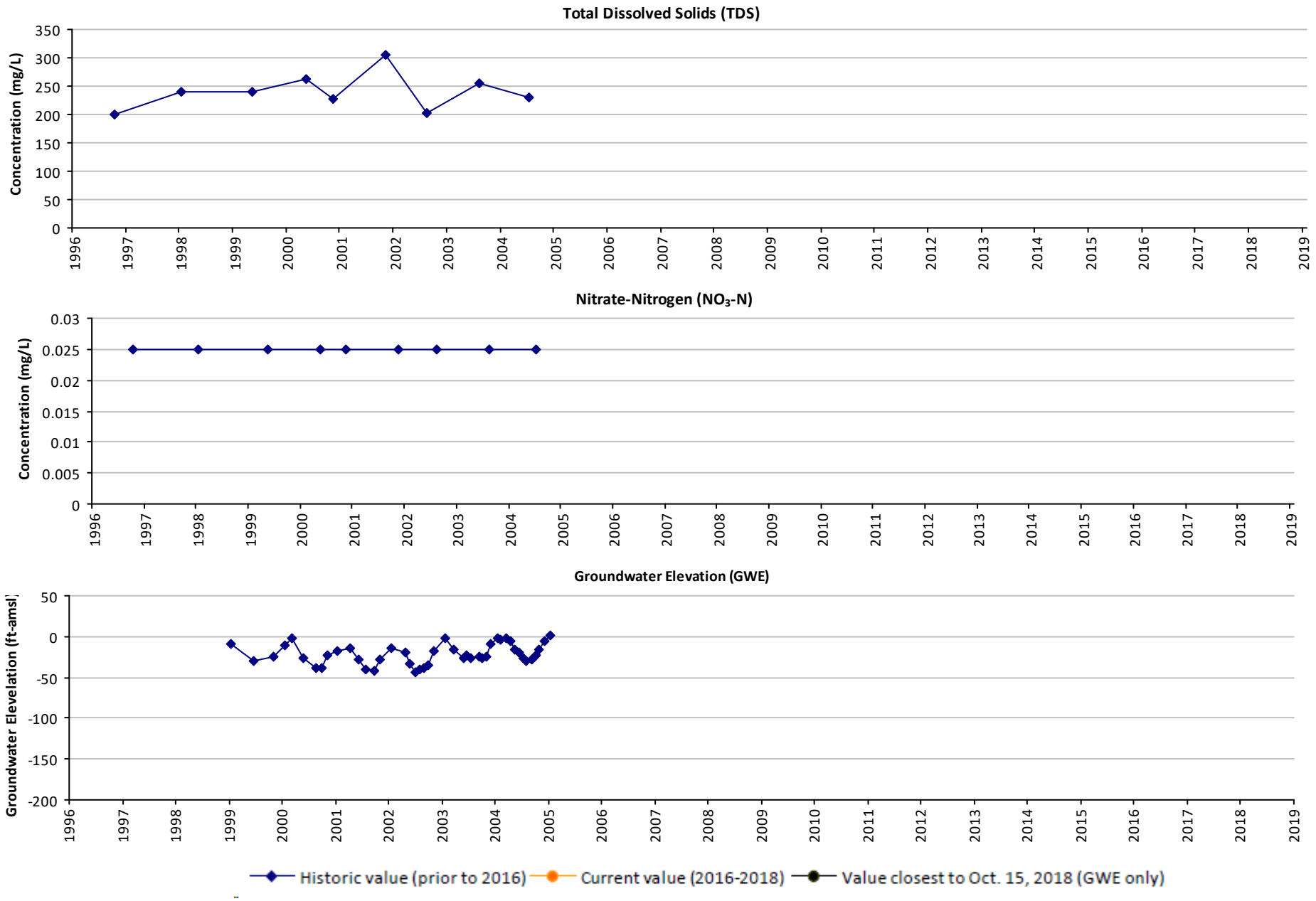

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

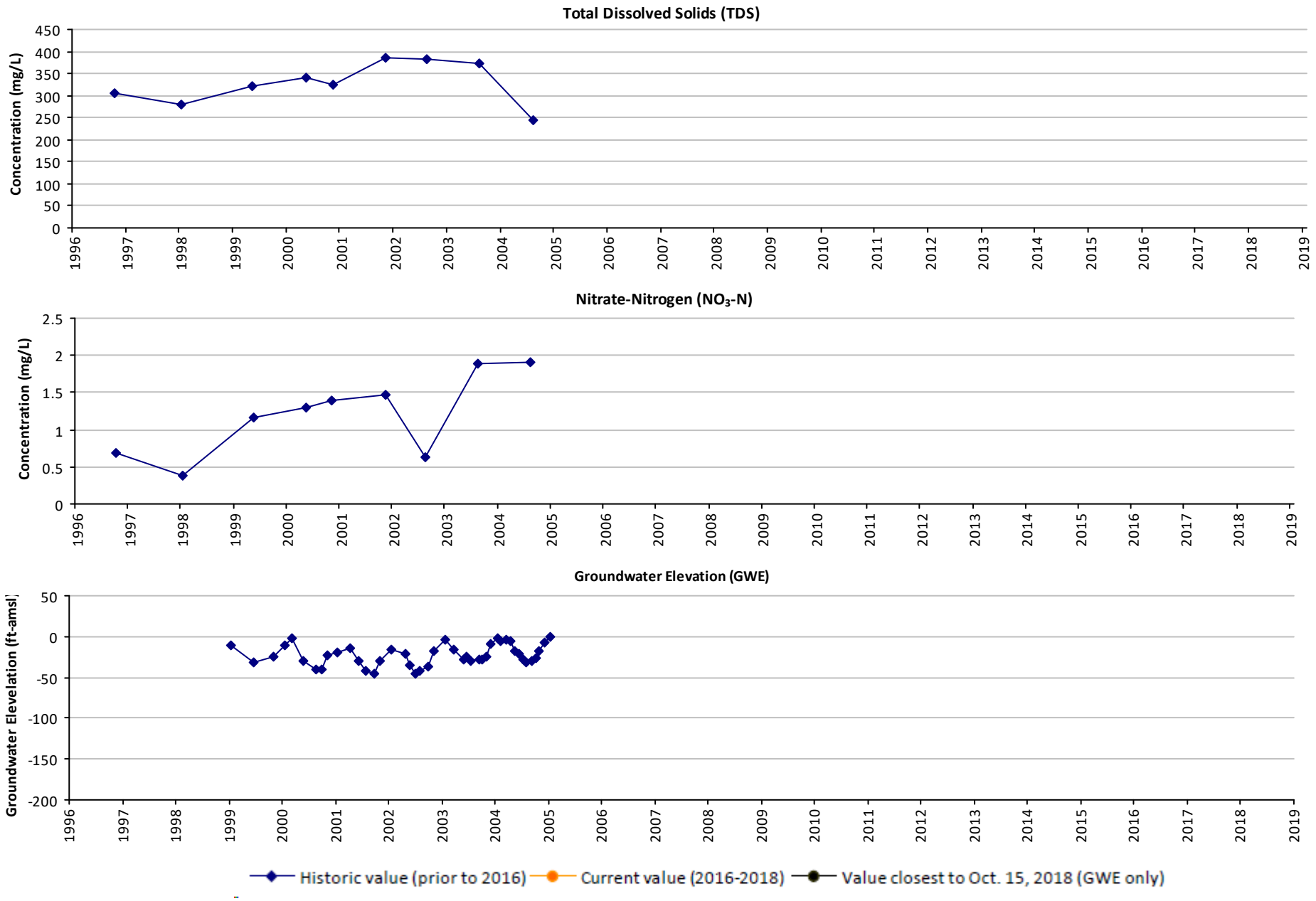

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

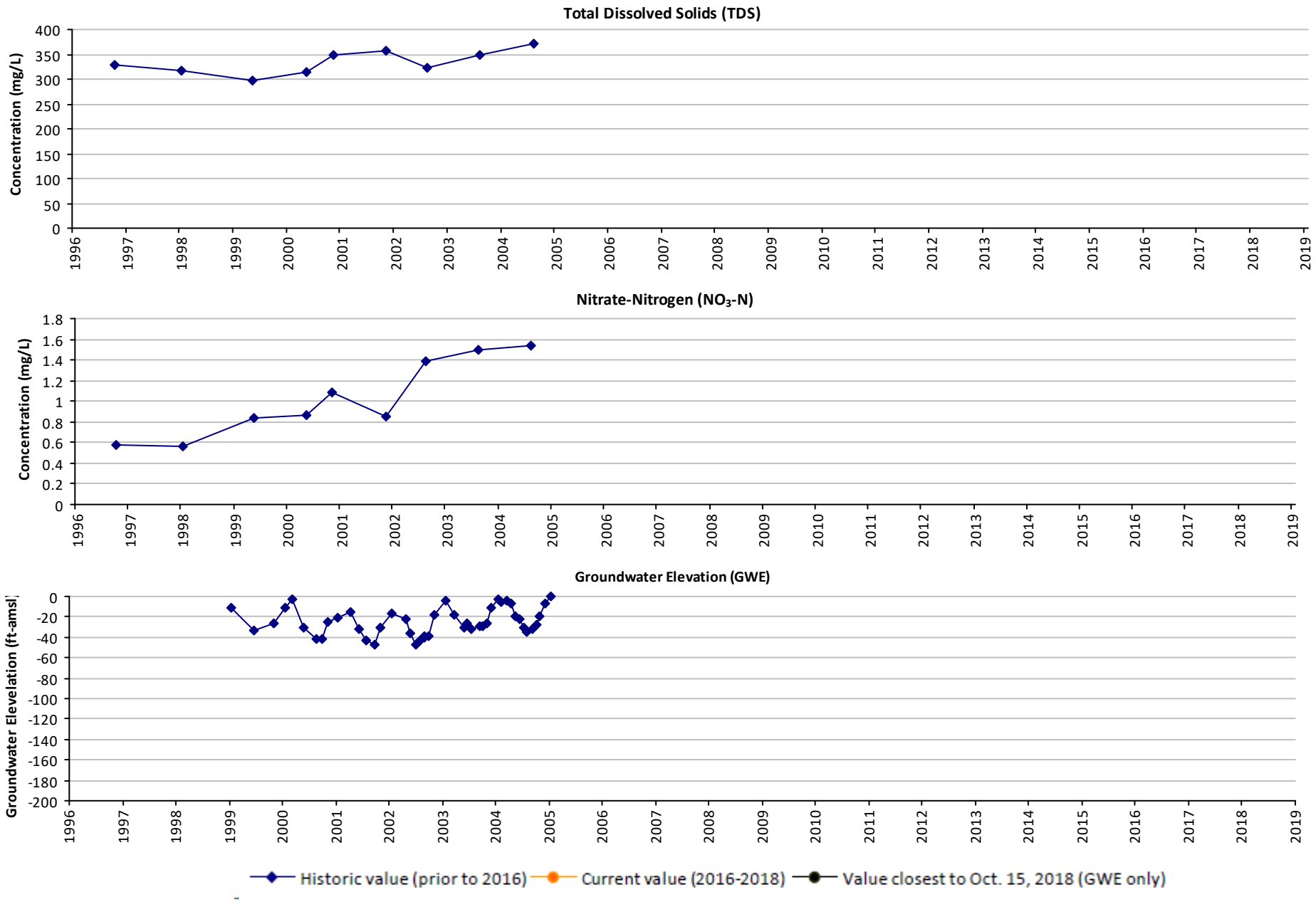

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

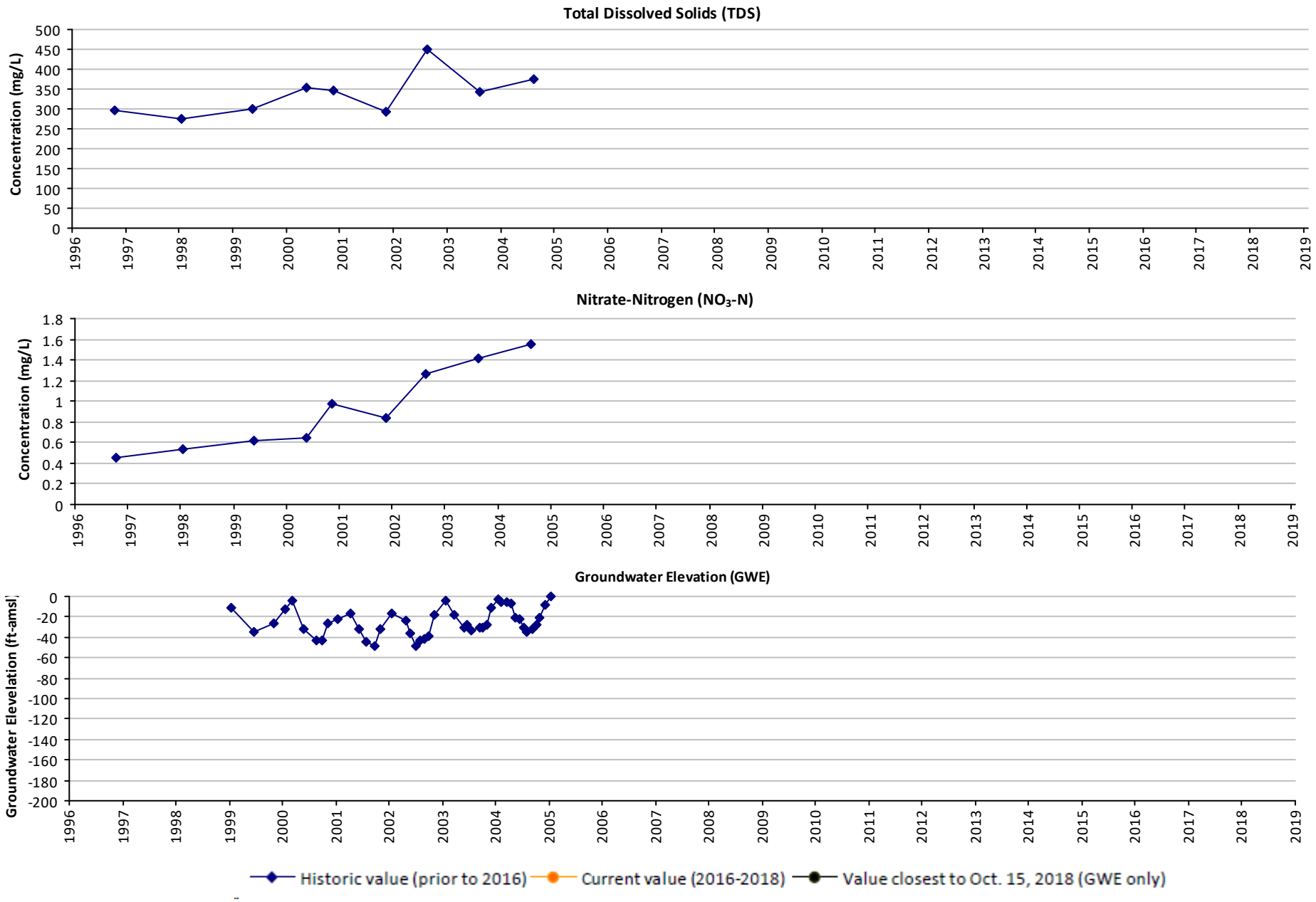

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

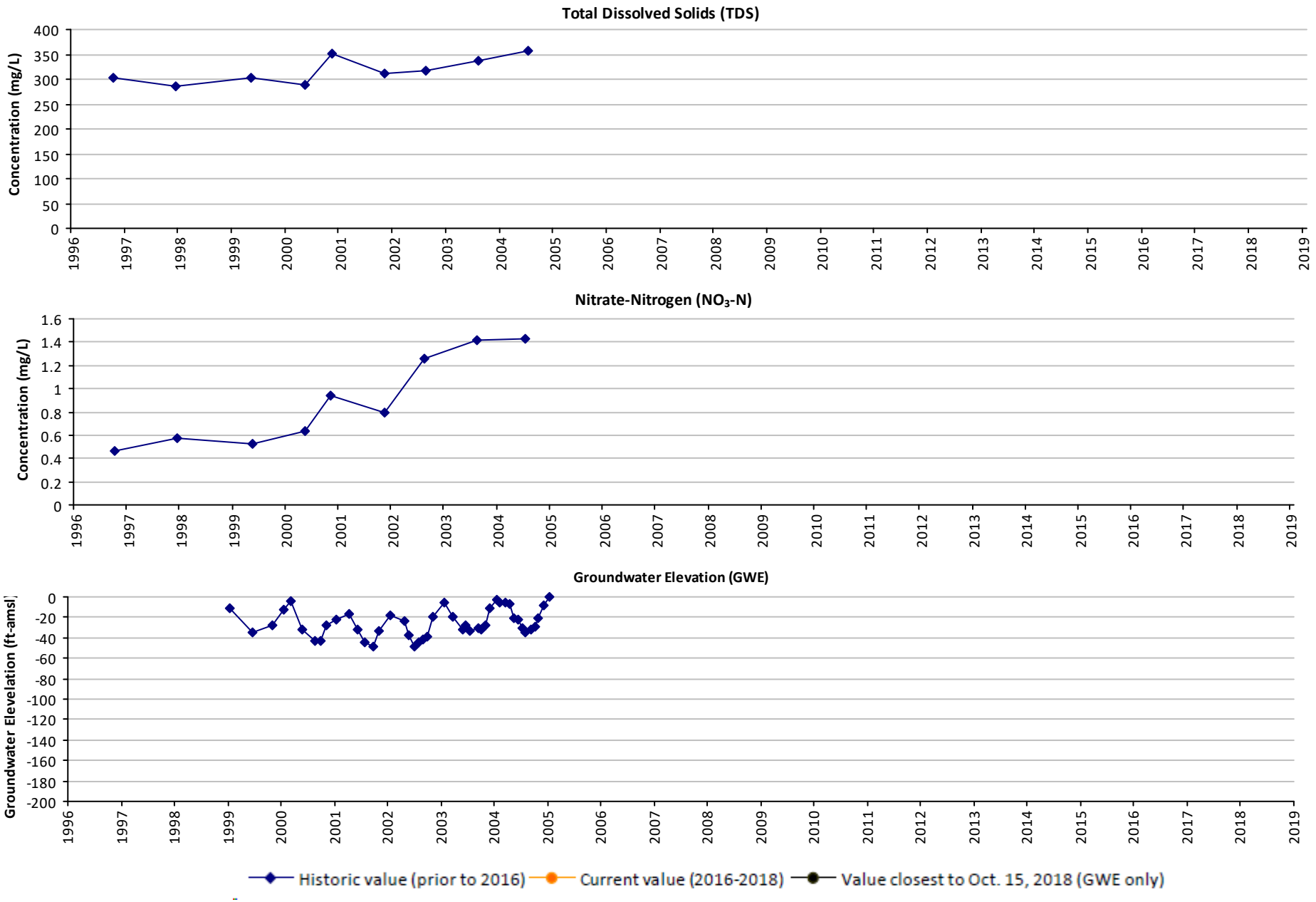

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

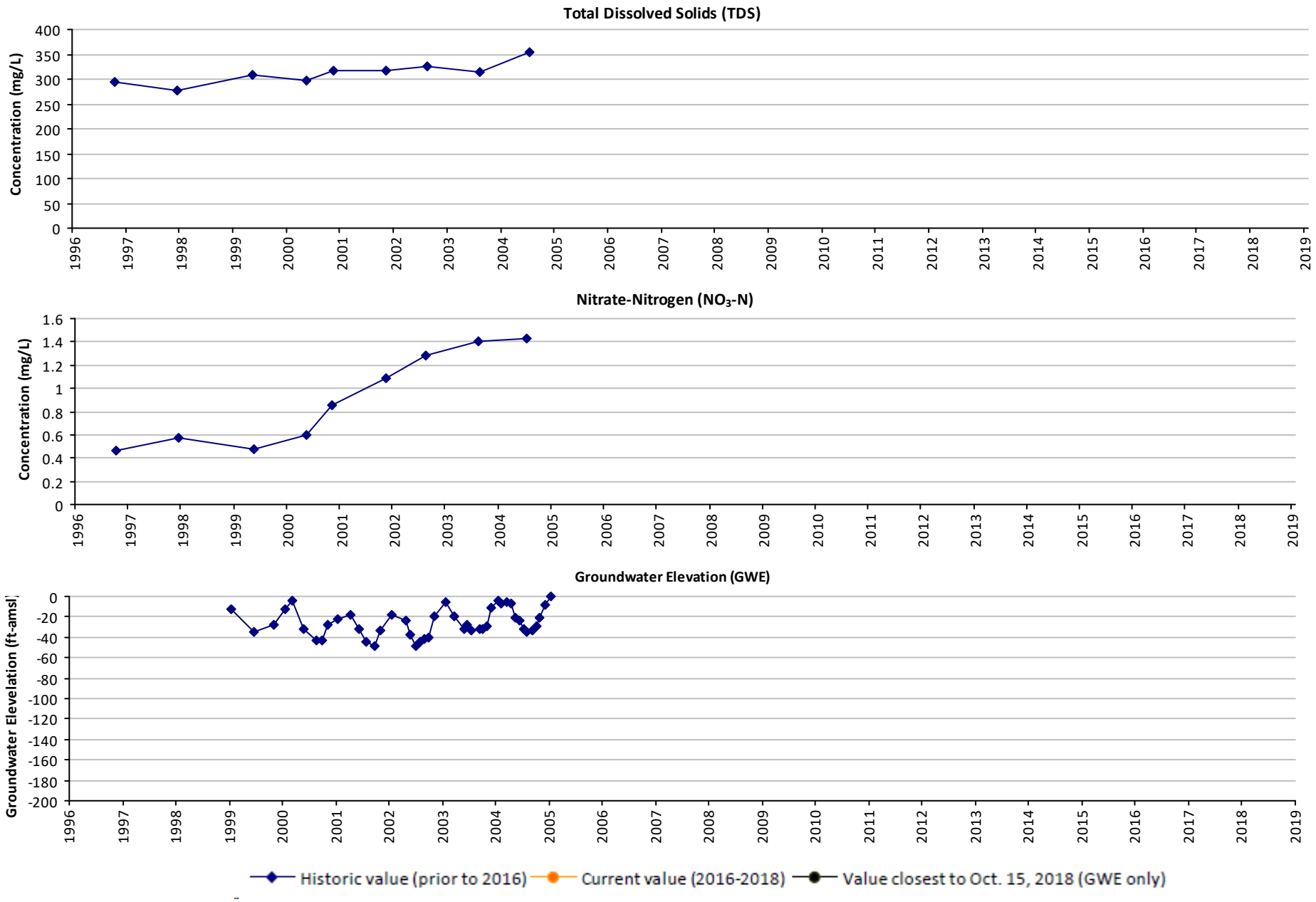

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

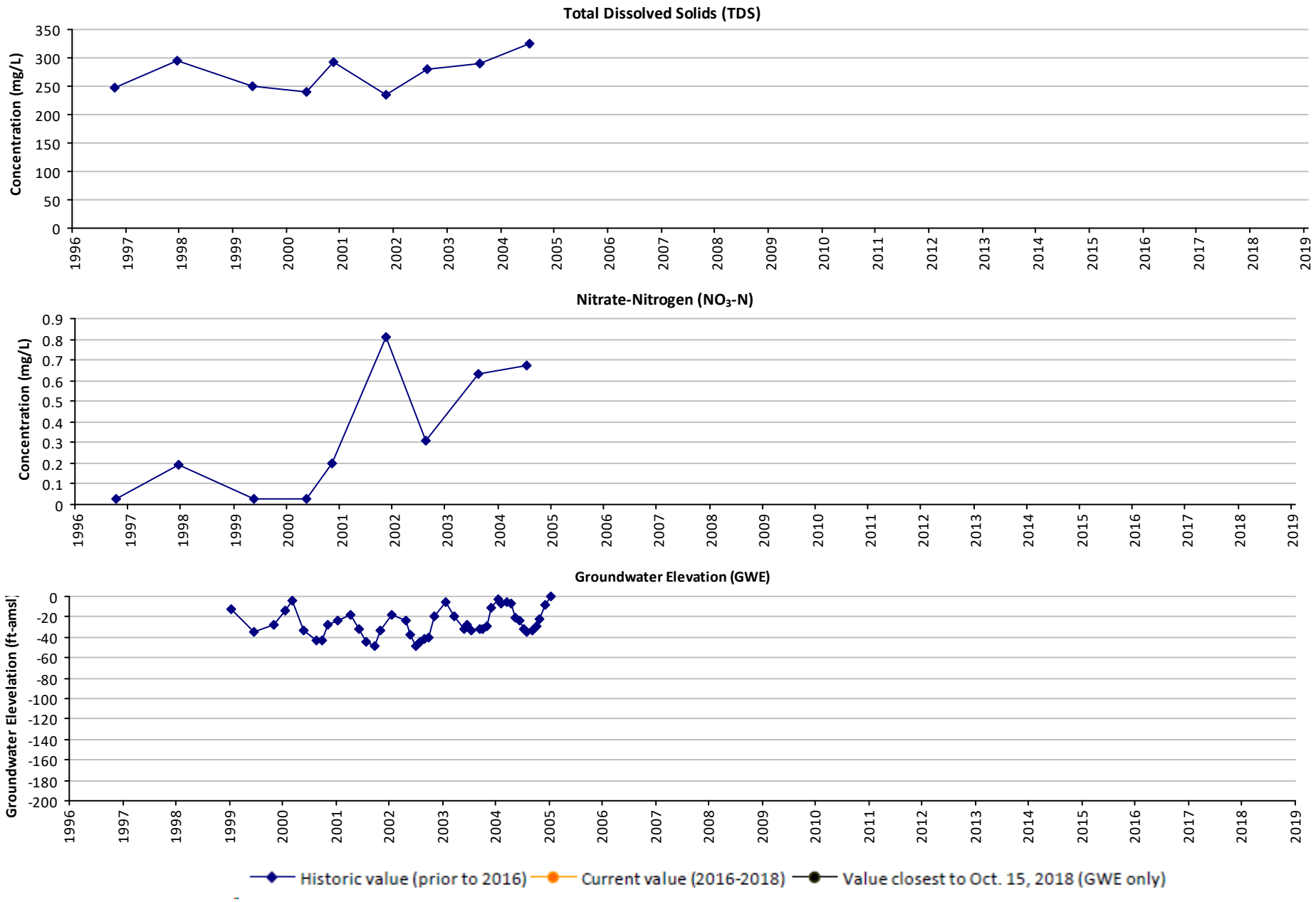

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

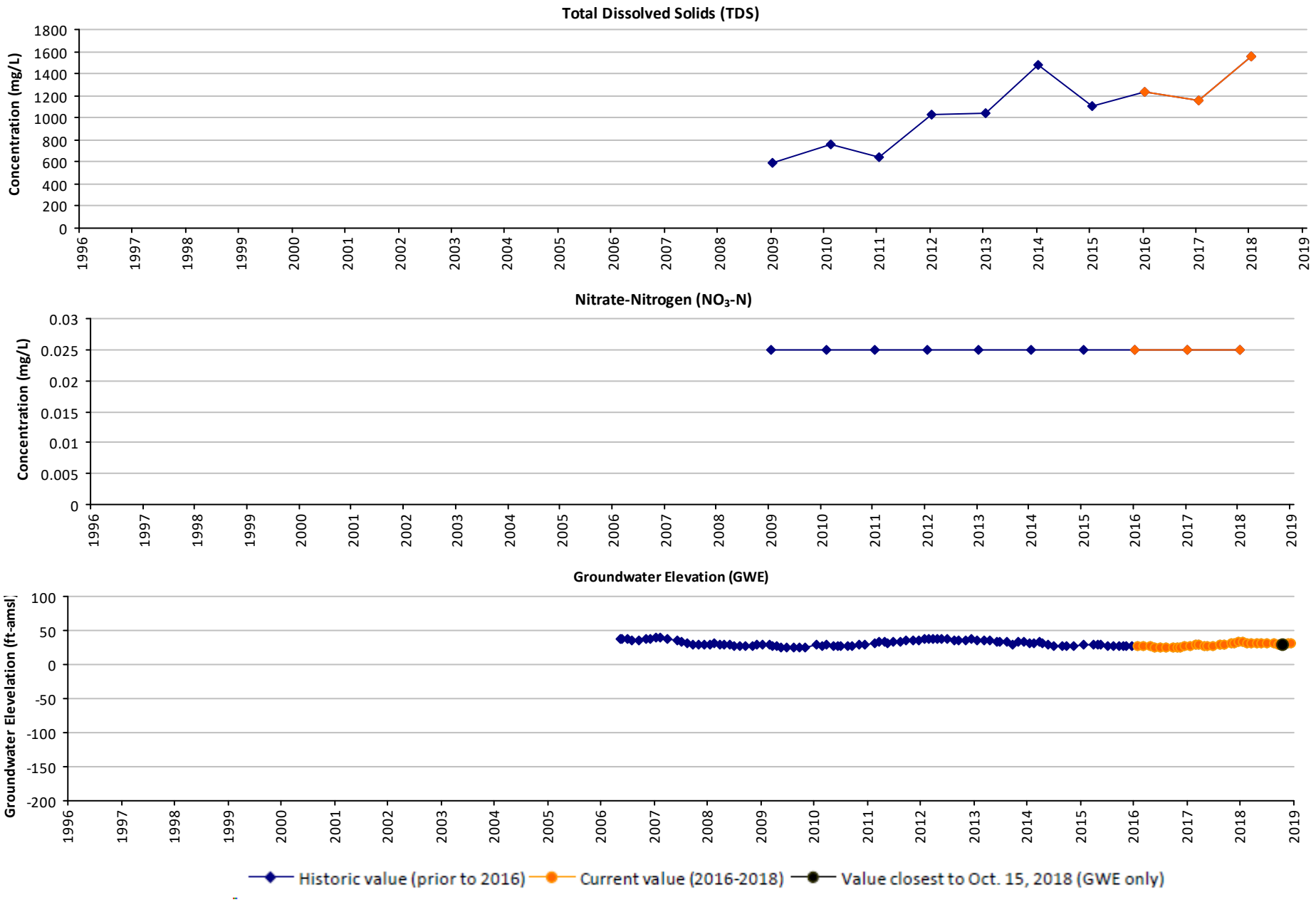

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

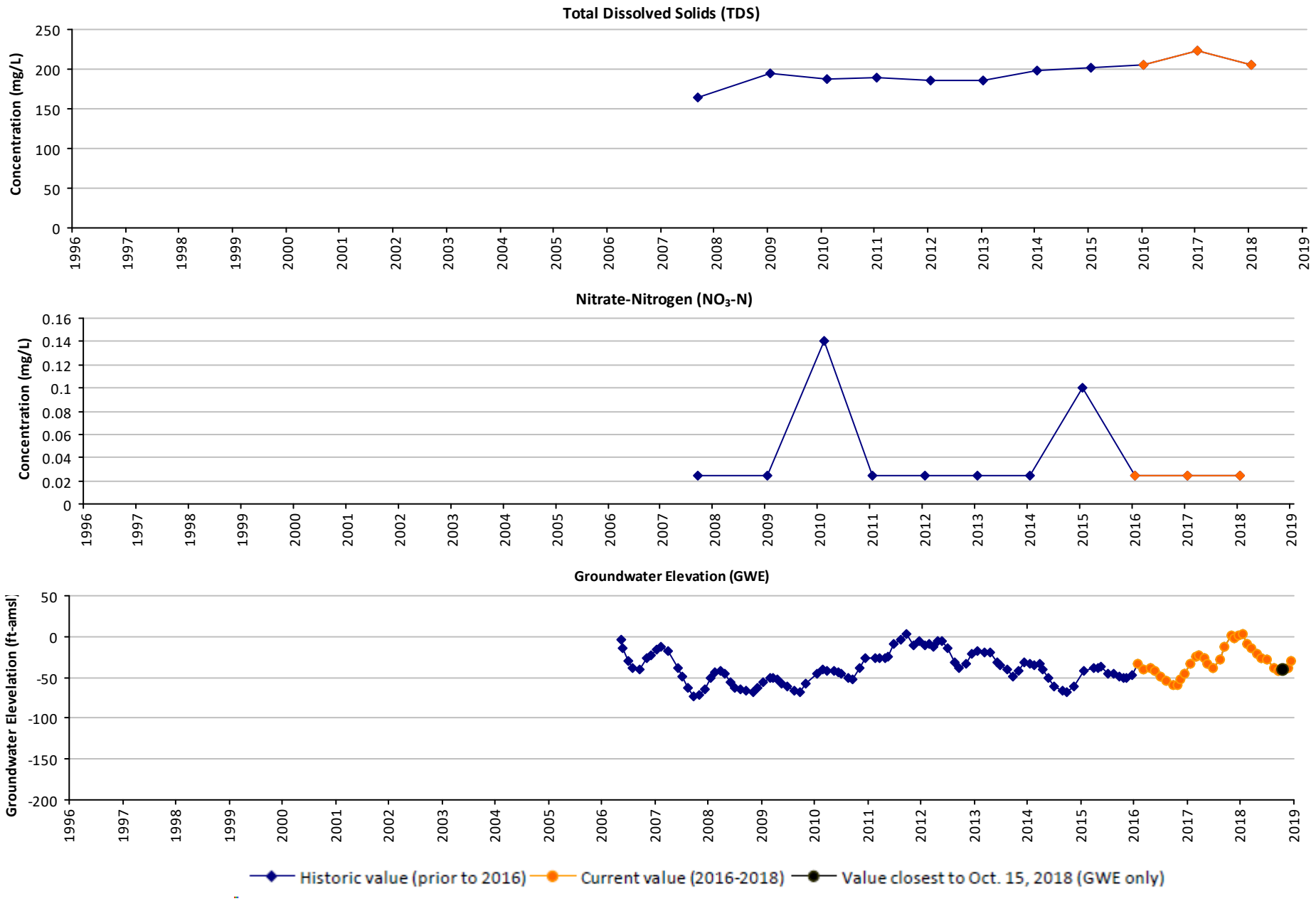

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

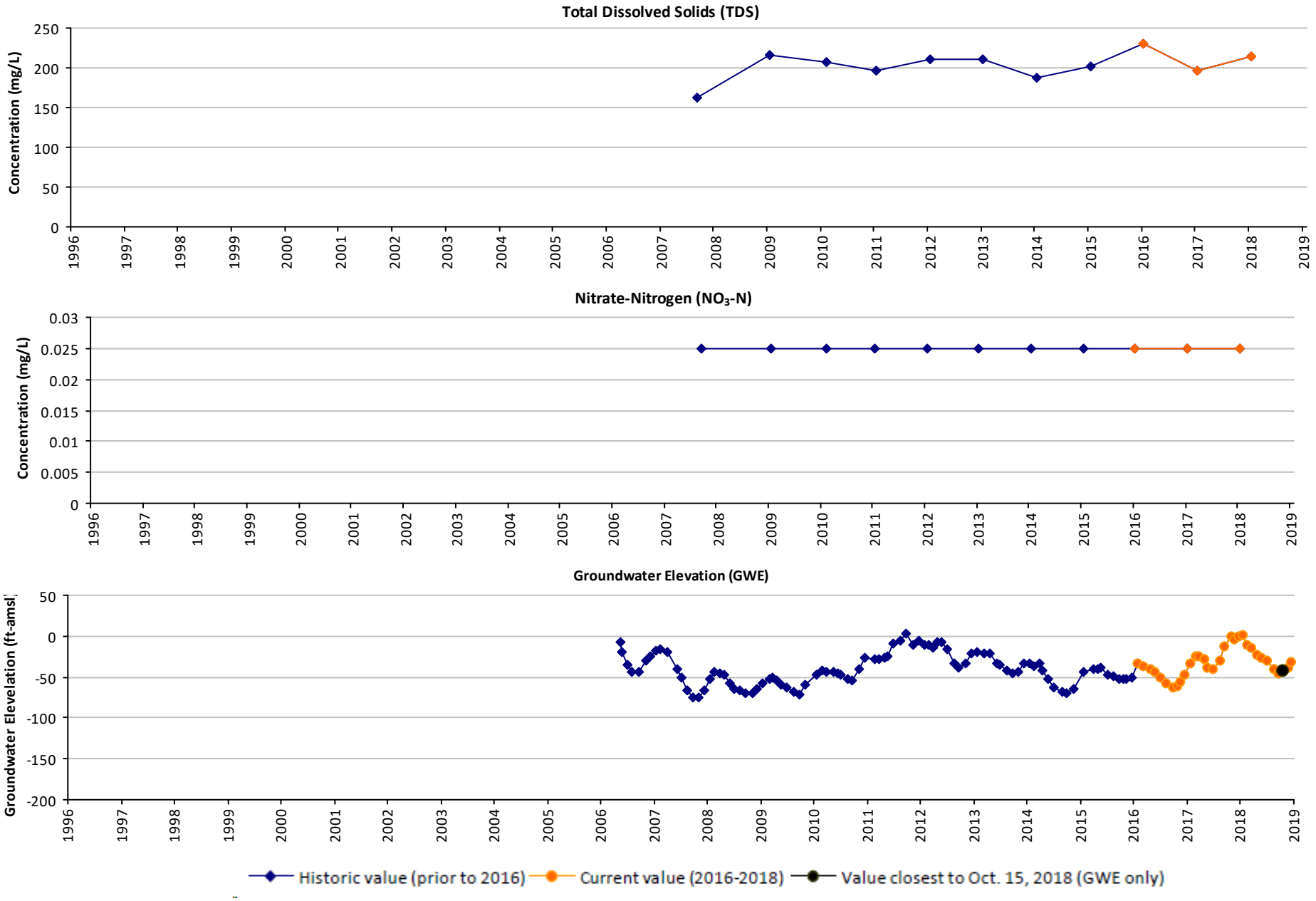

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

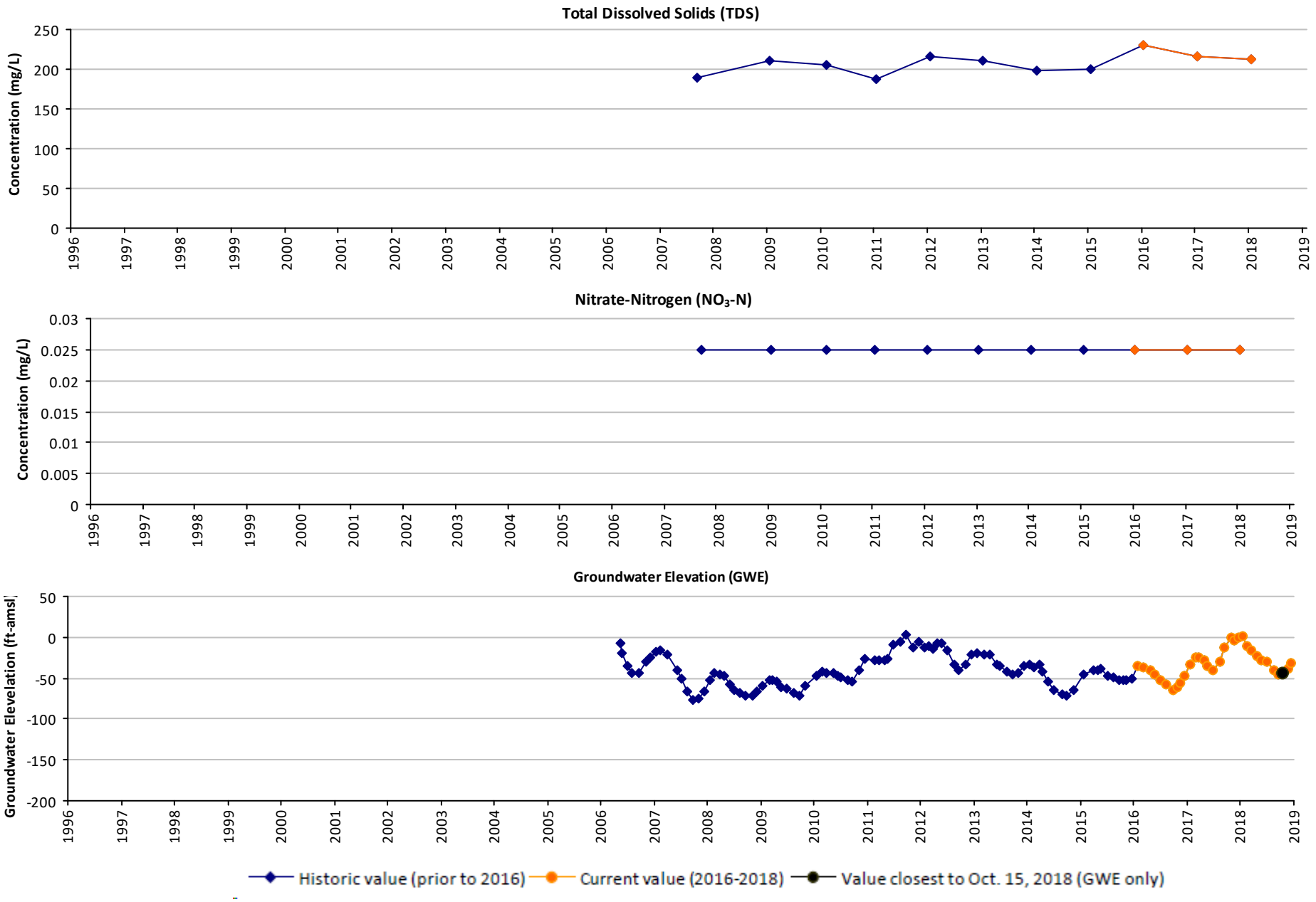

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

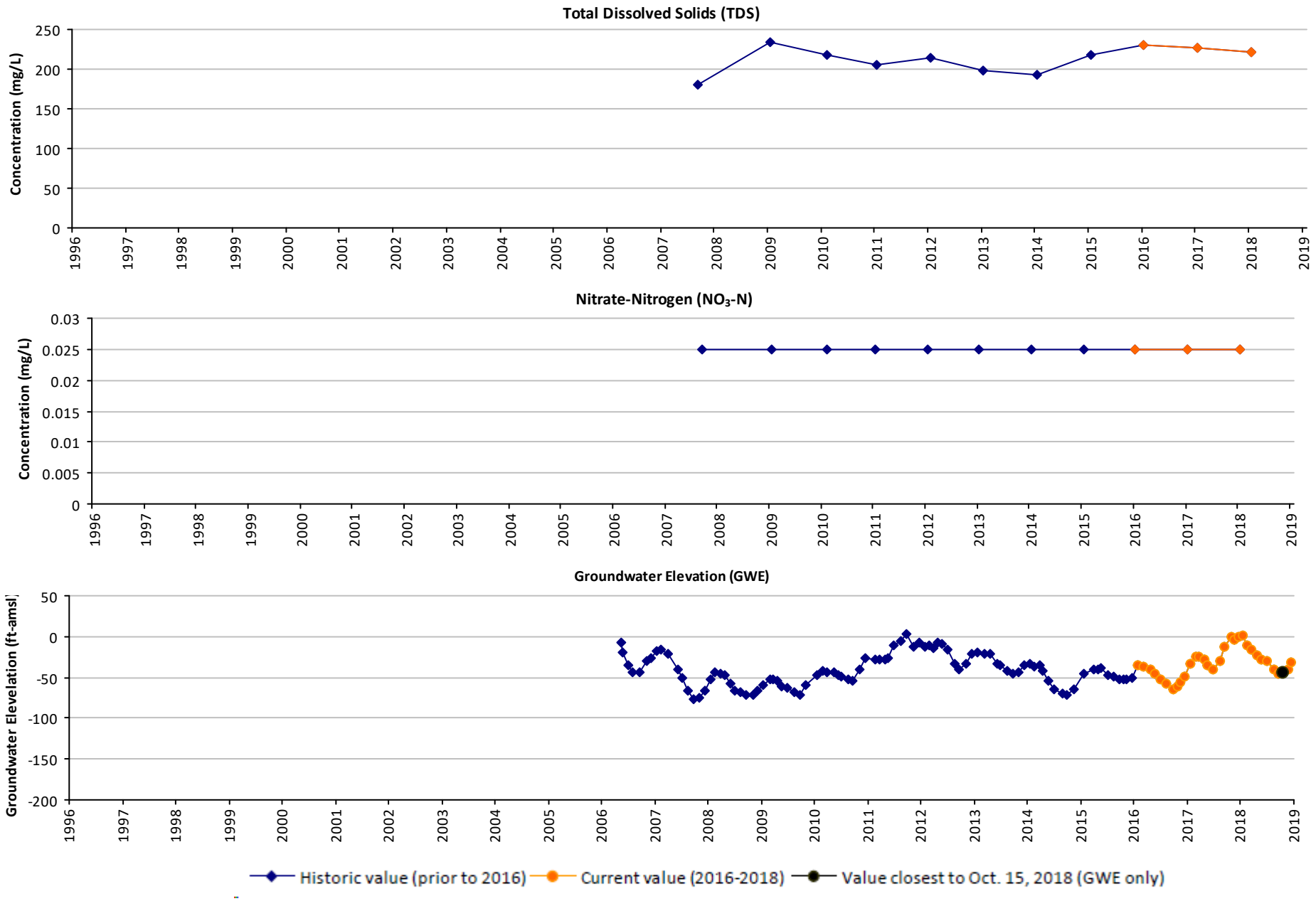

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

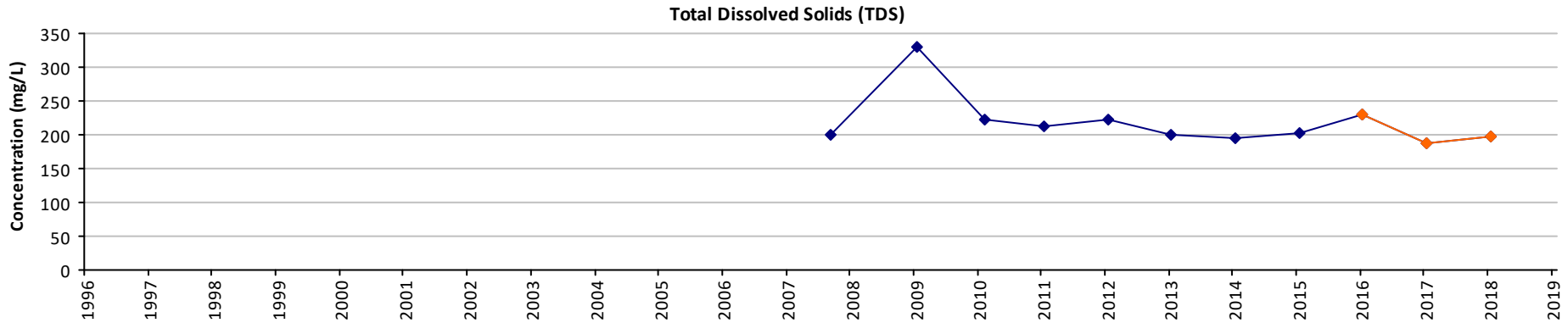

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

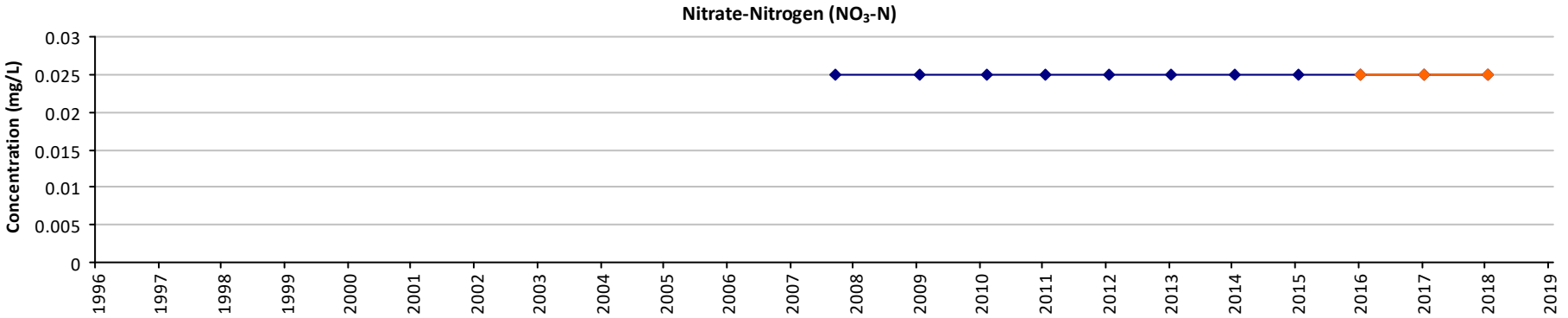

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

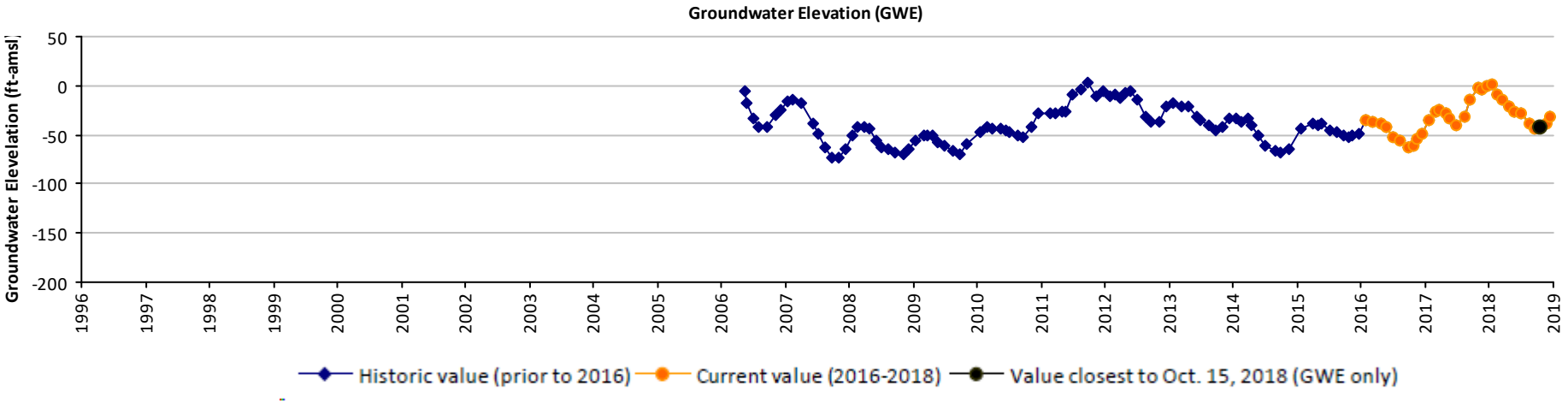

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

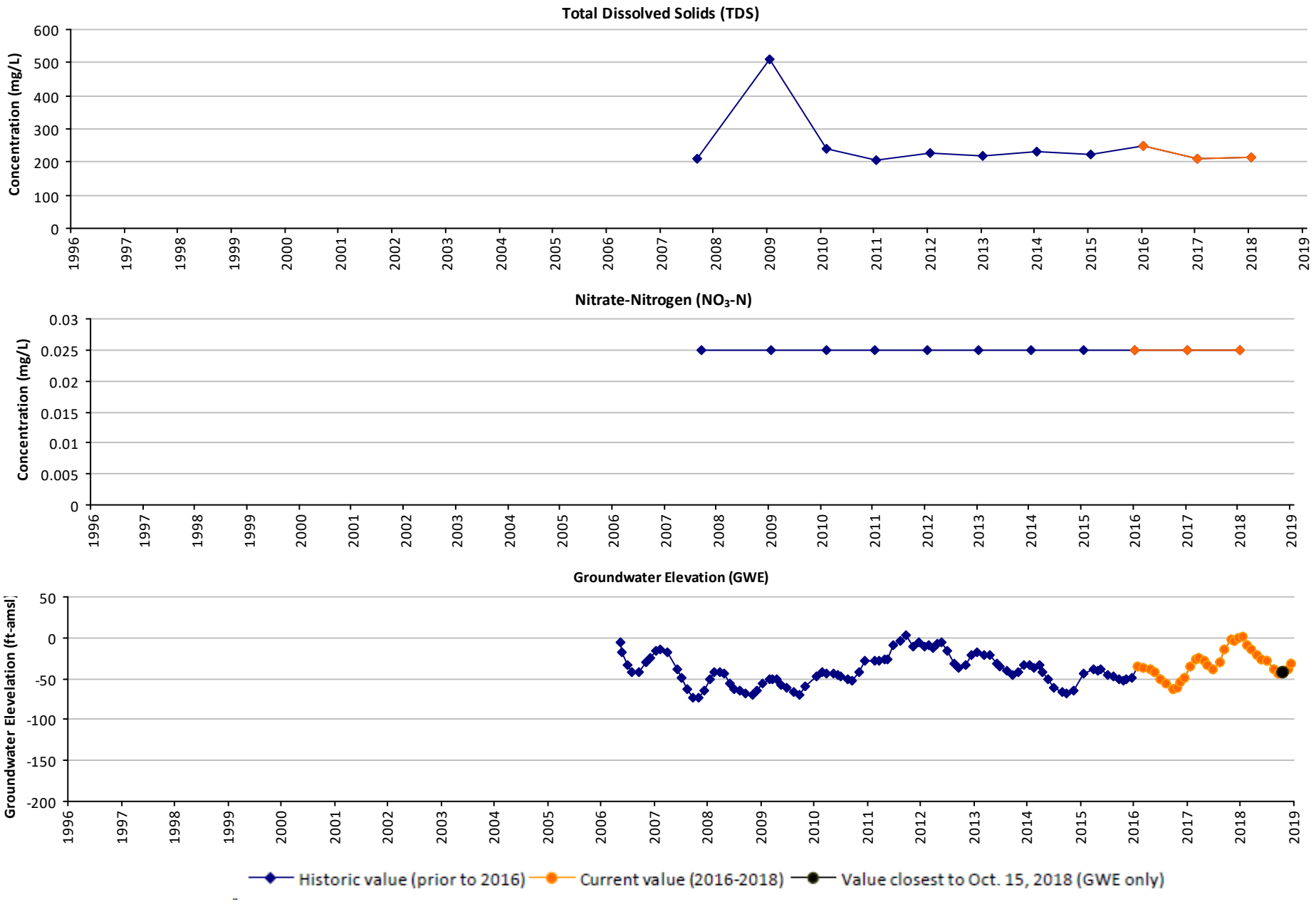
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

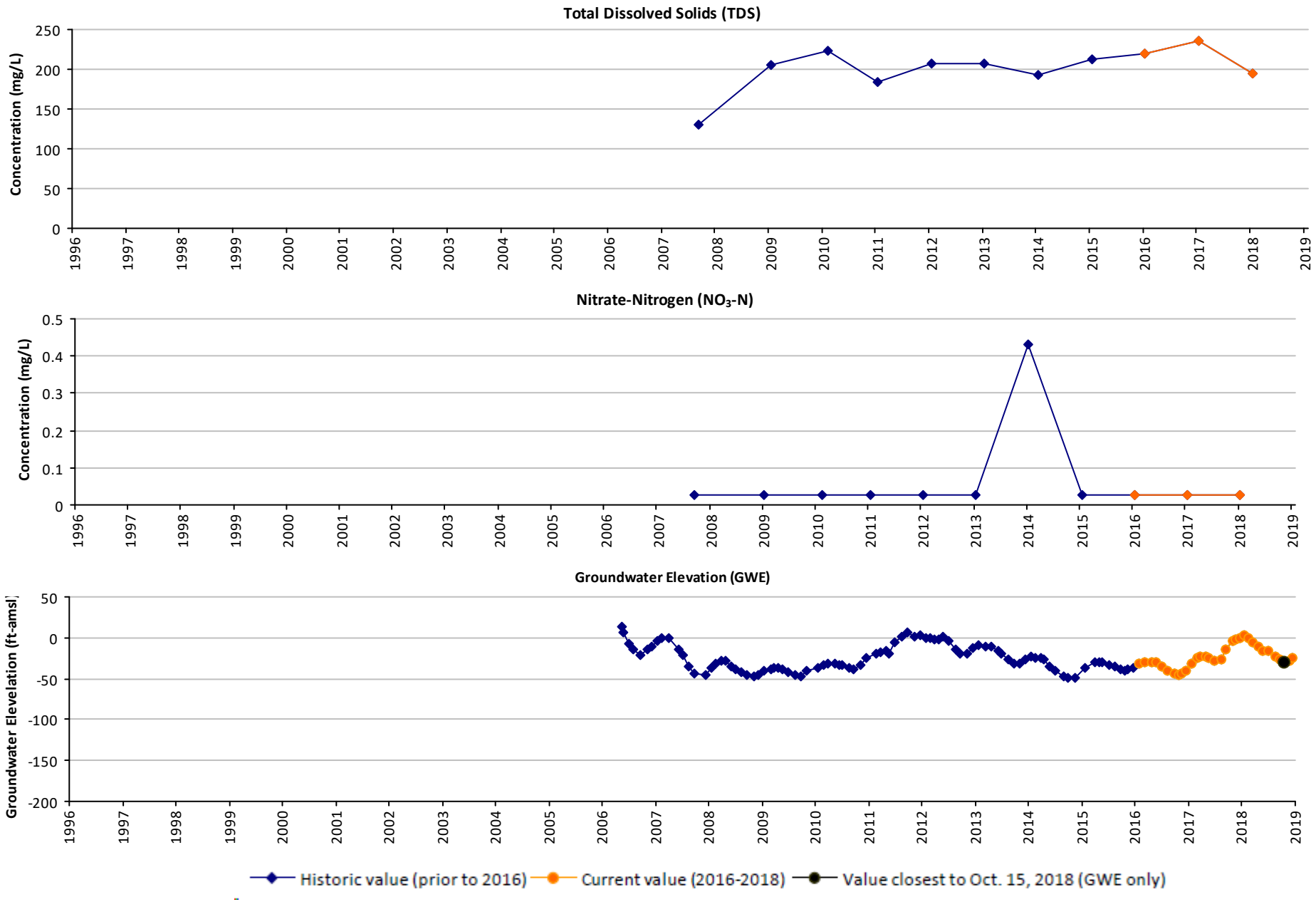
Well ID: 1215556
Management Zone: Orange County

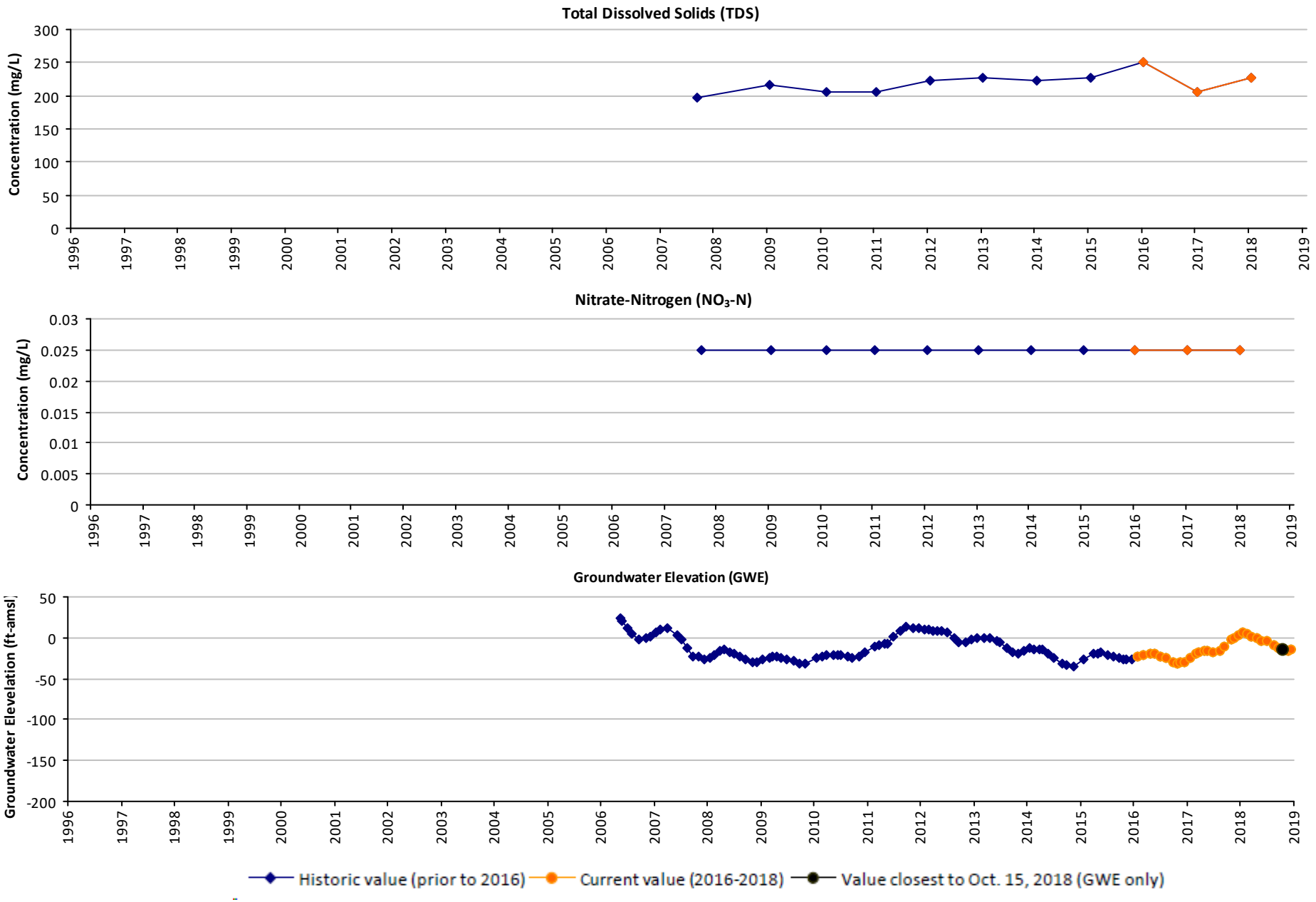


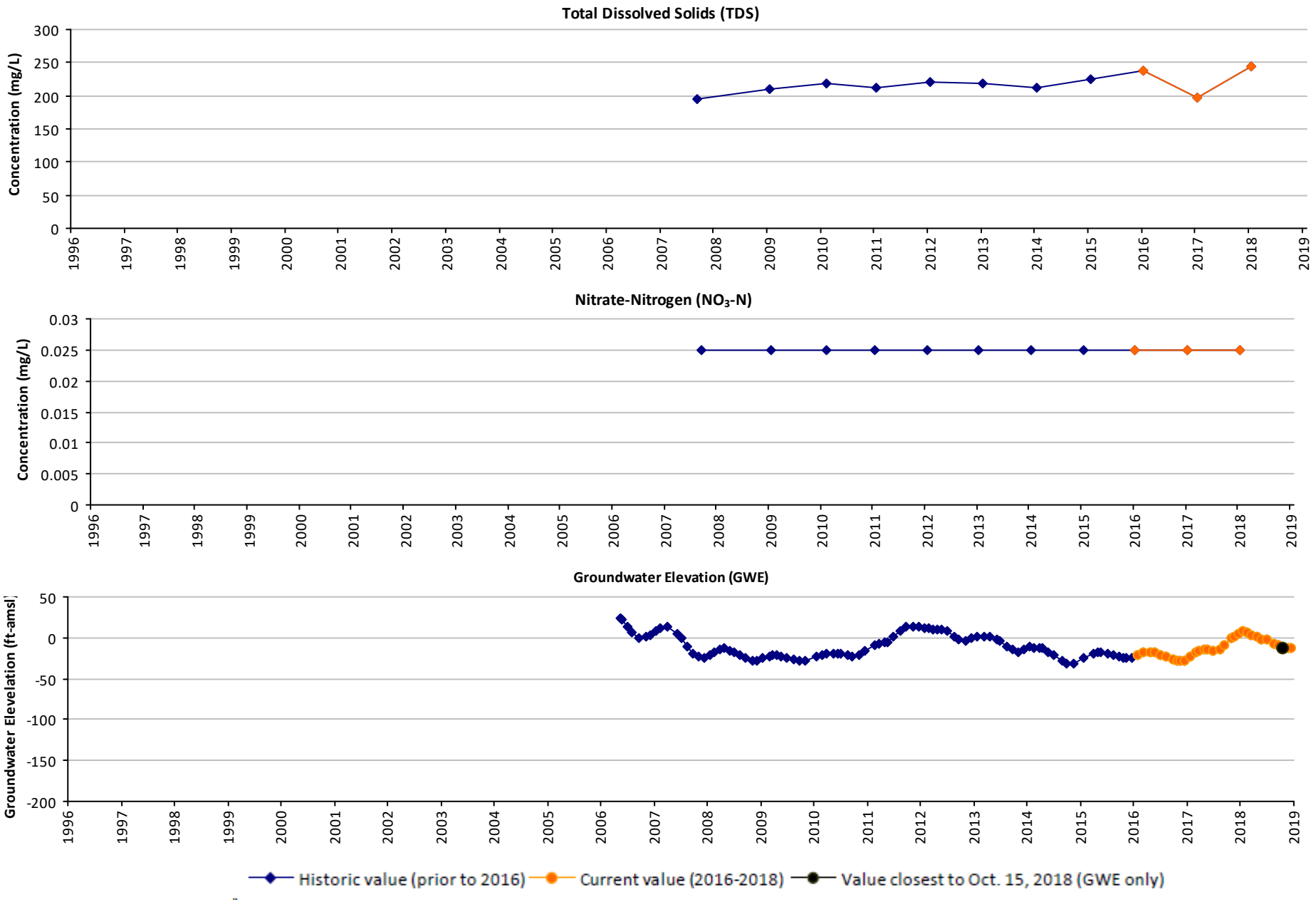


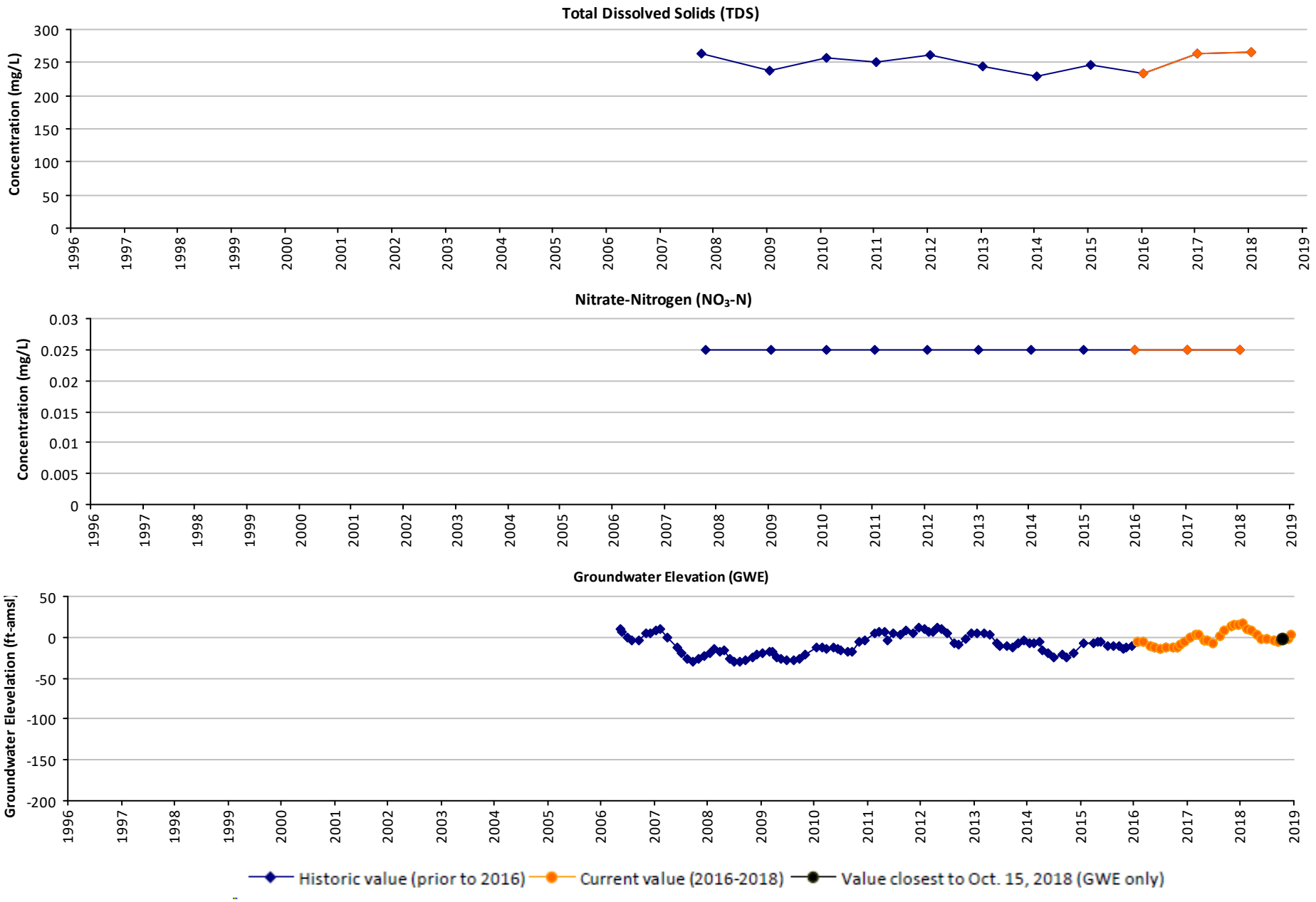


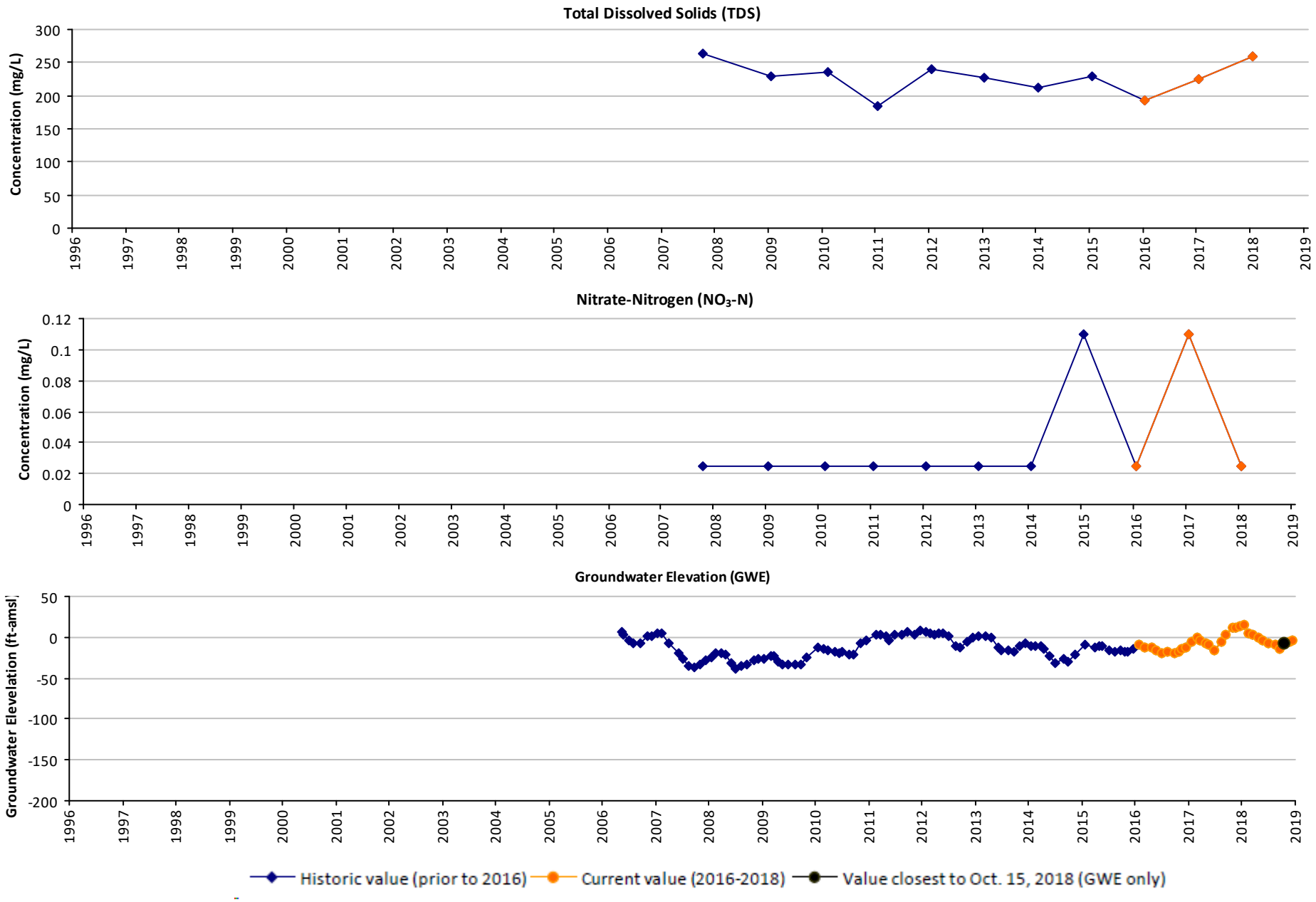

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

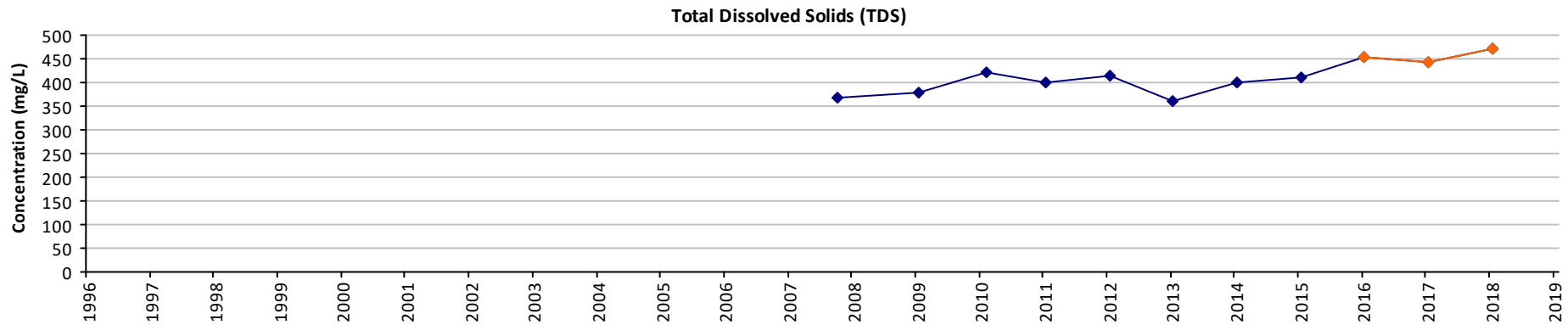

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

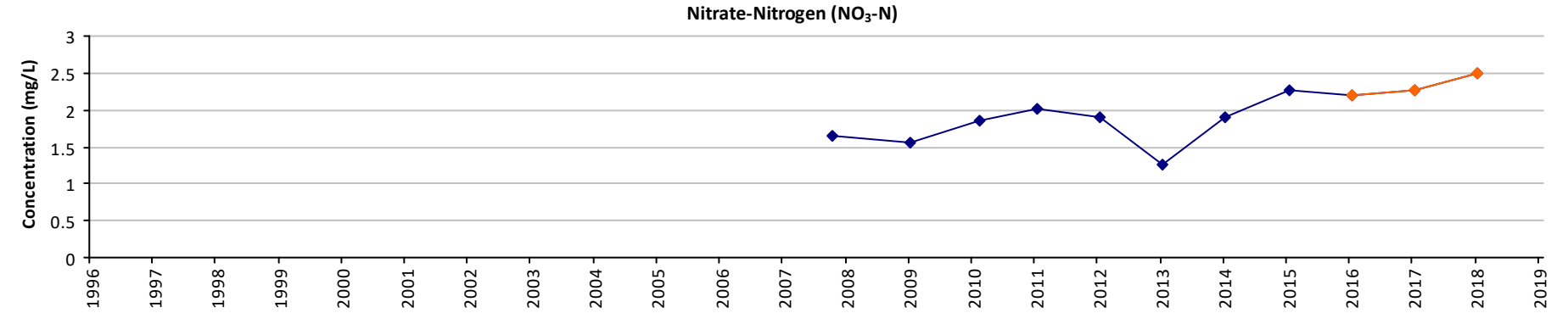

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

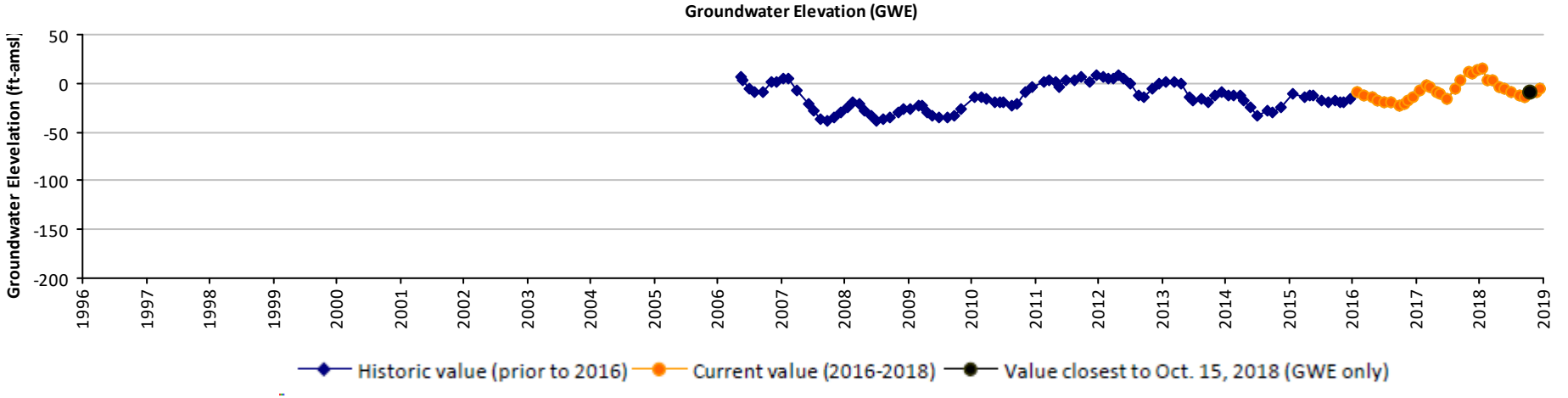

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

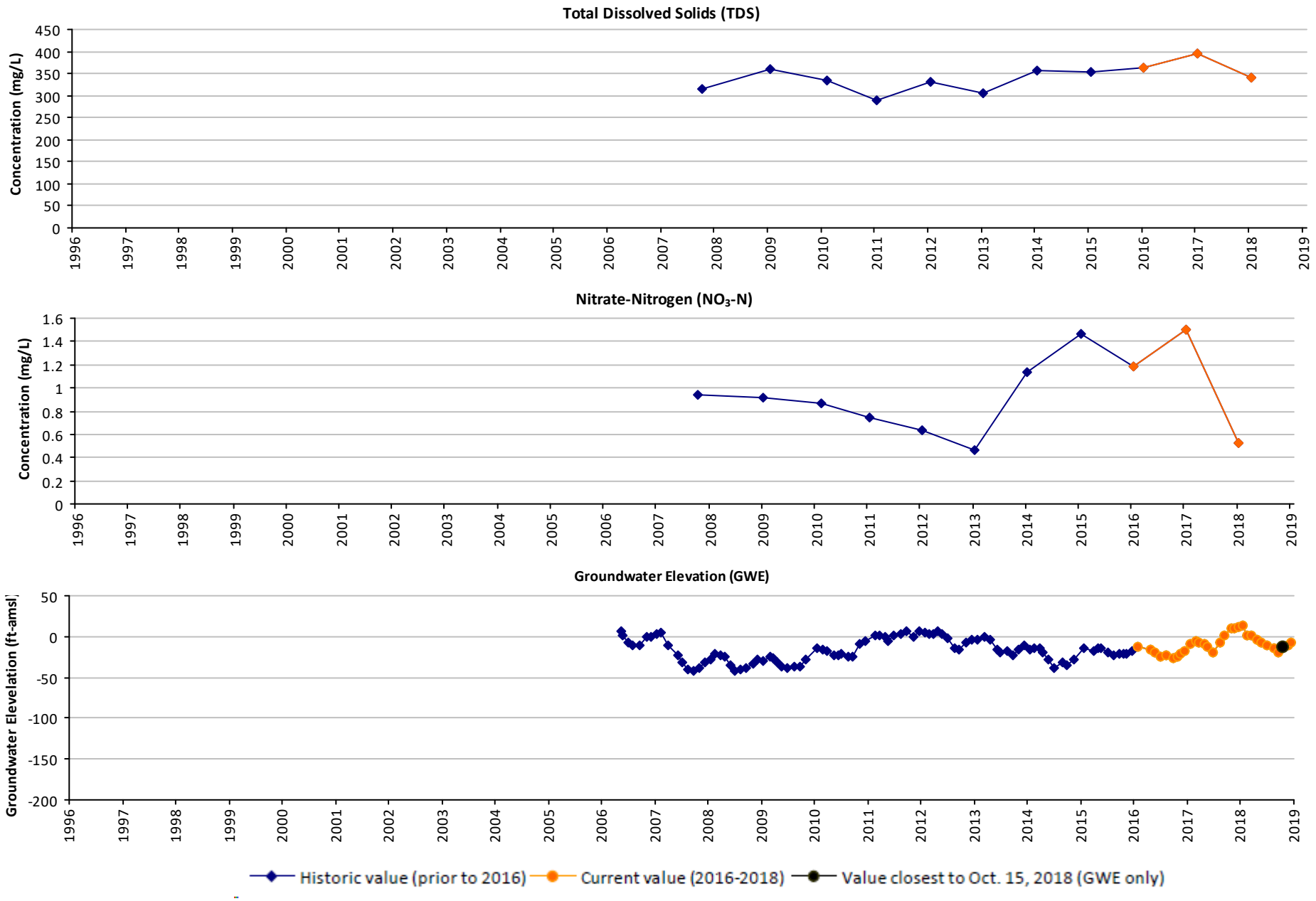
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

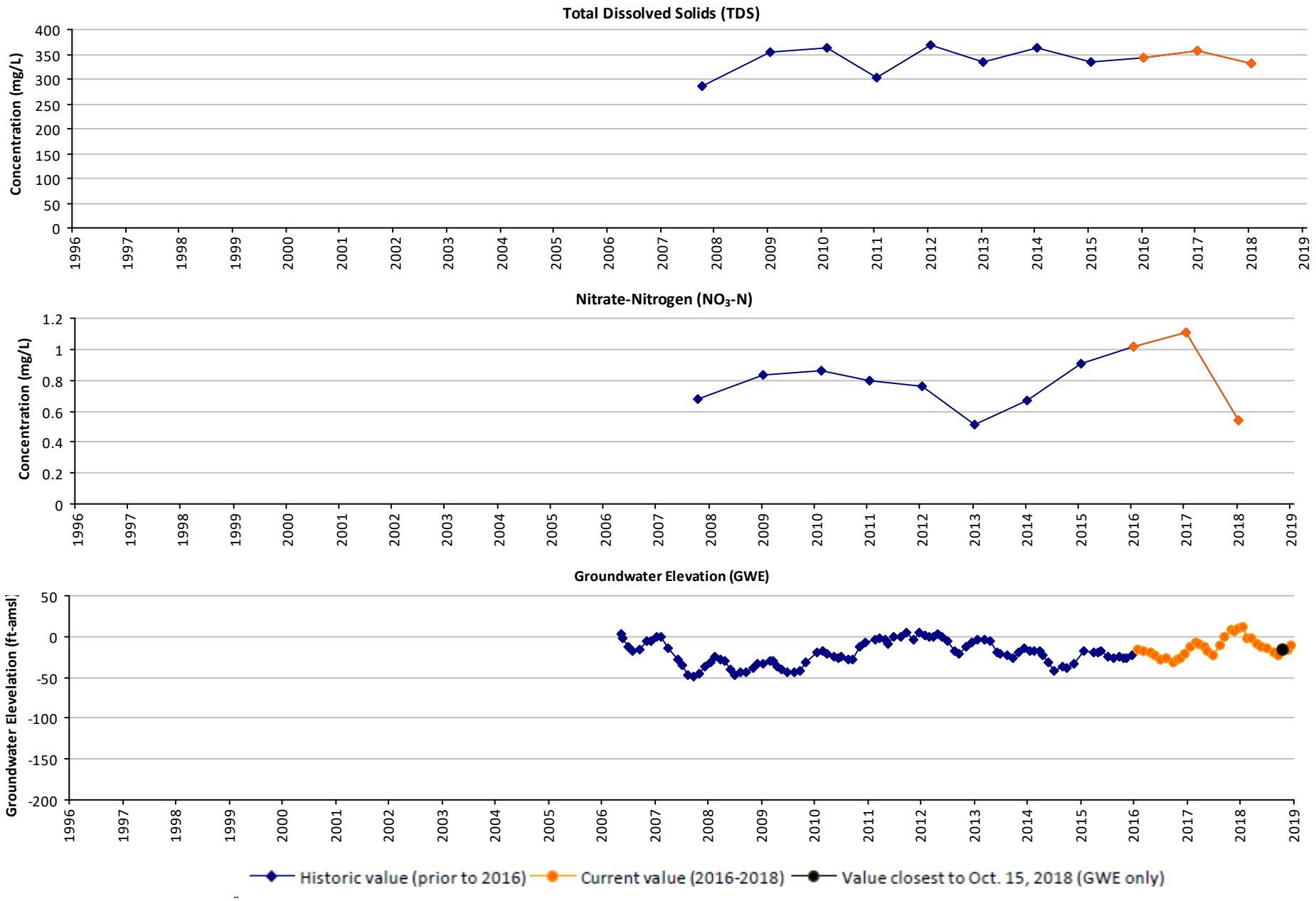
Well ID: 1215563
Management Zone: Orange County

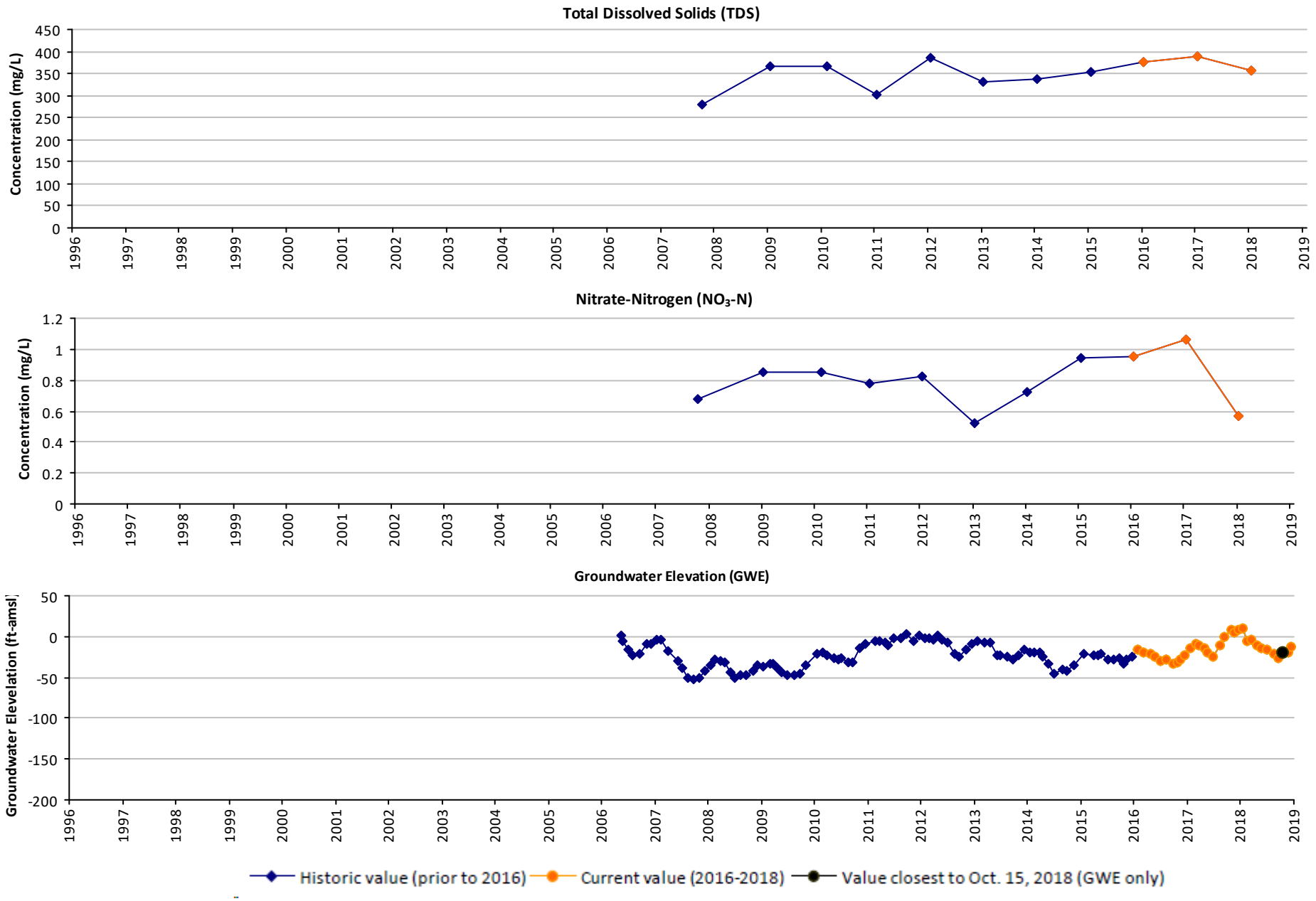


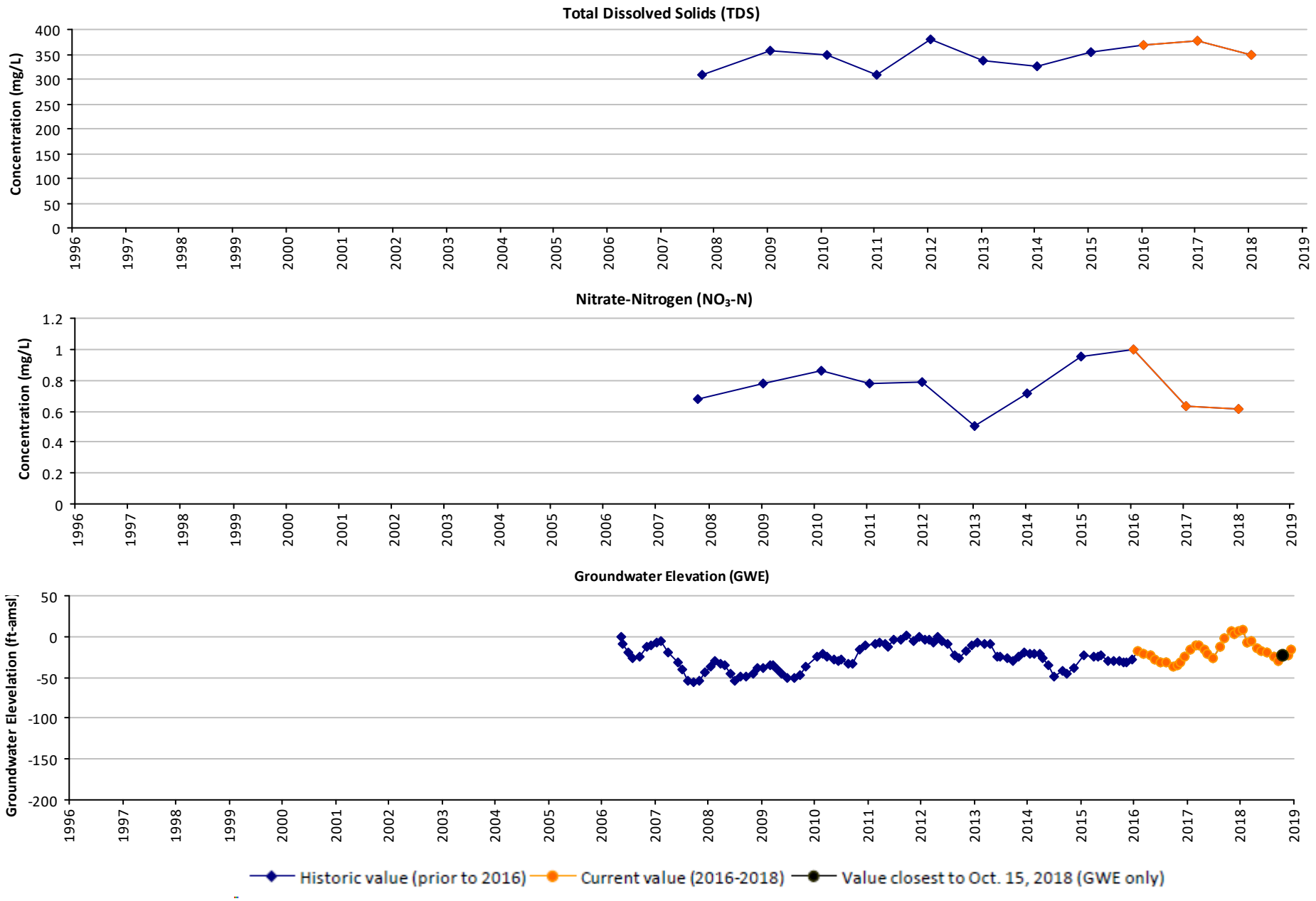


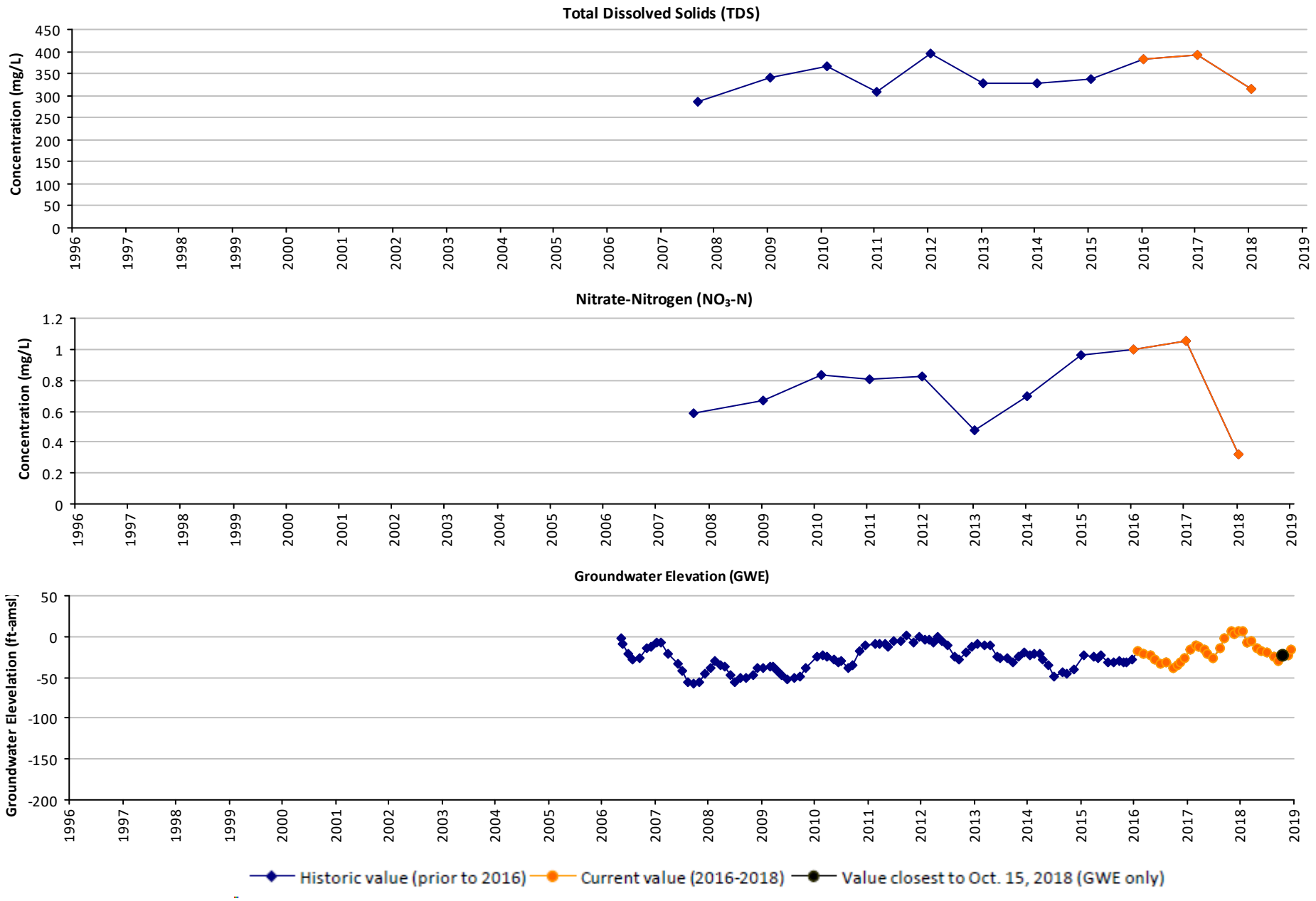


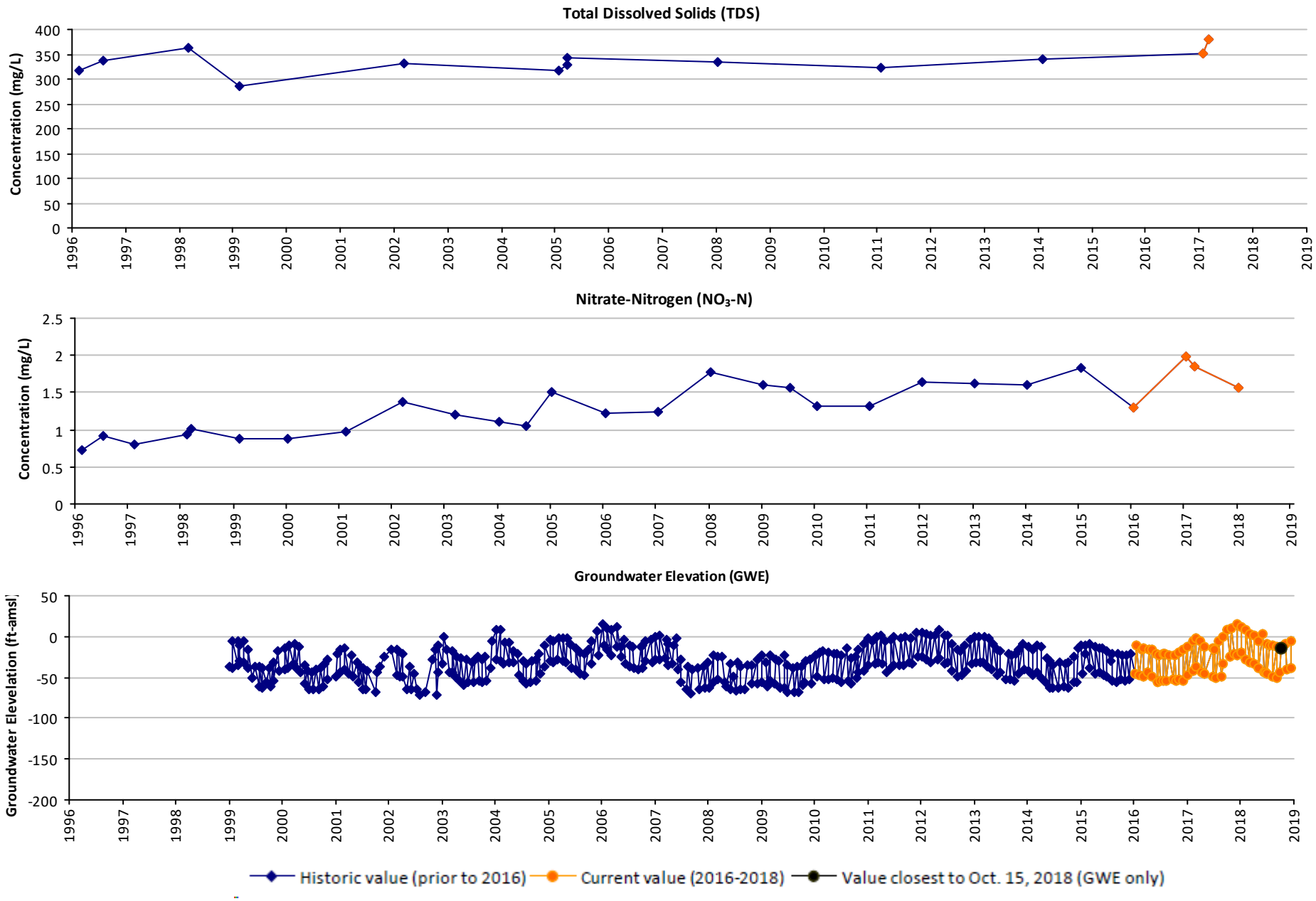

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

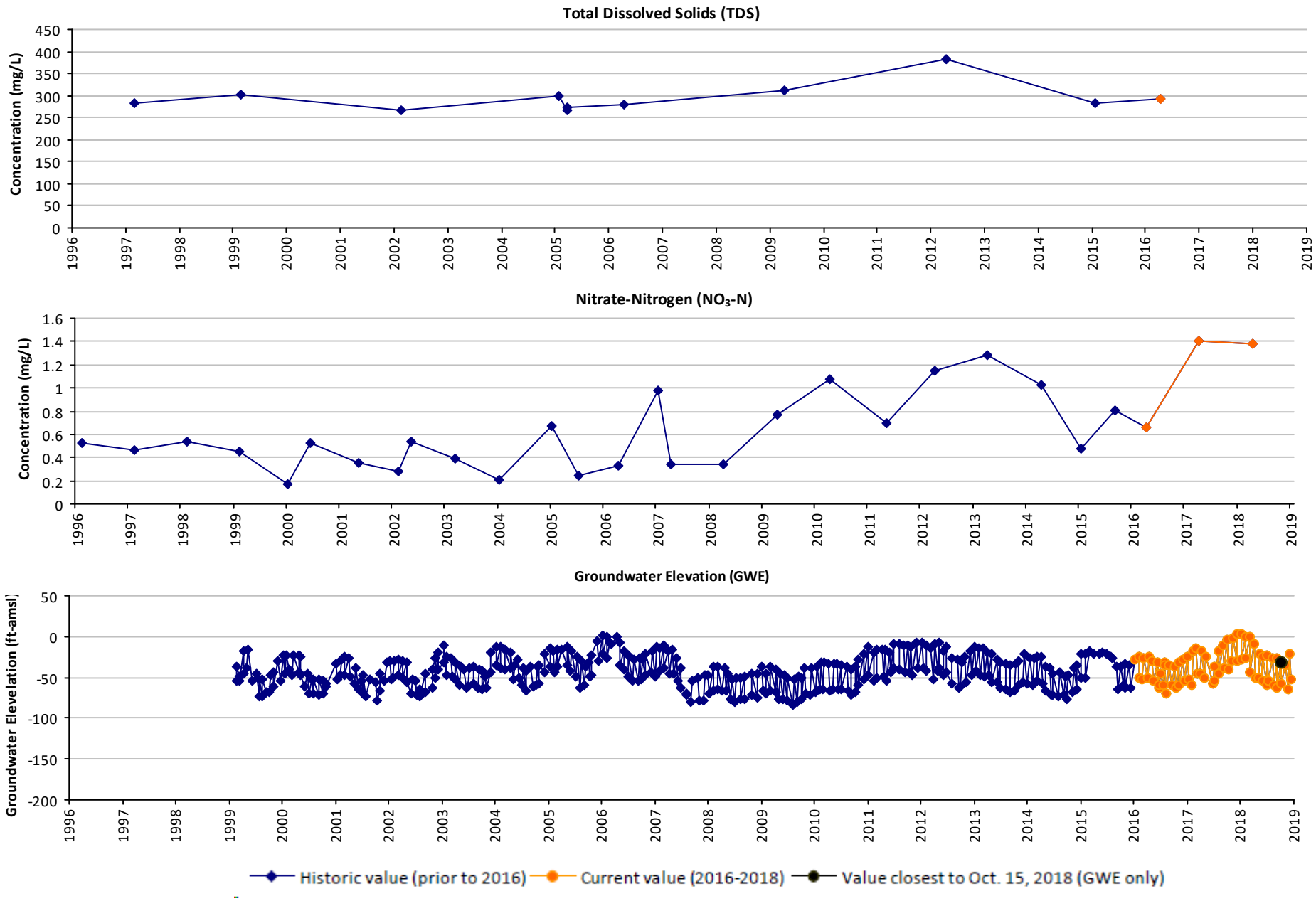

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

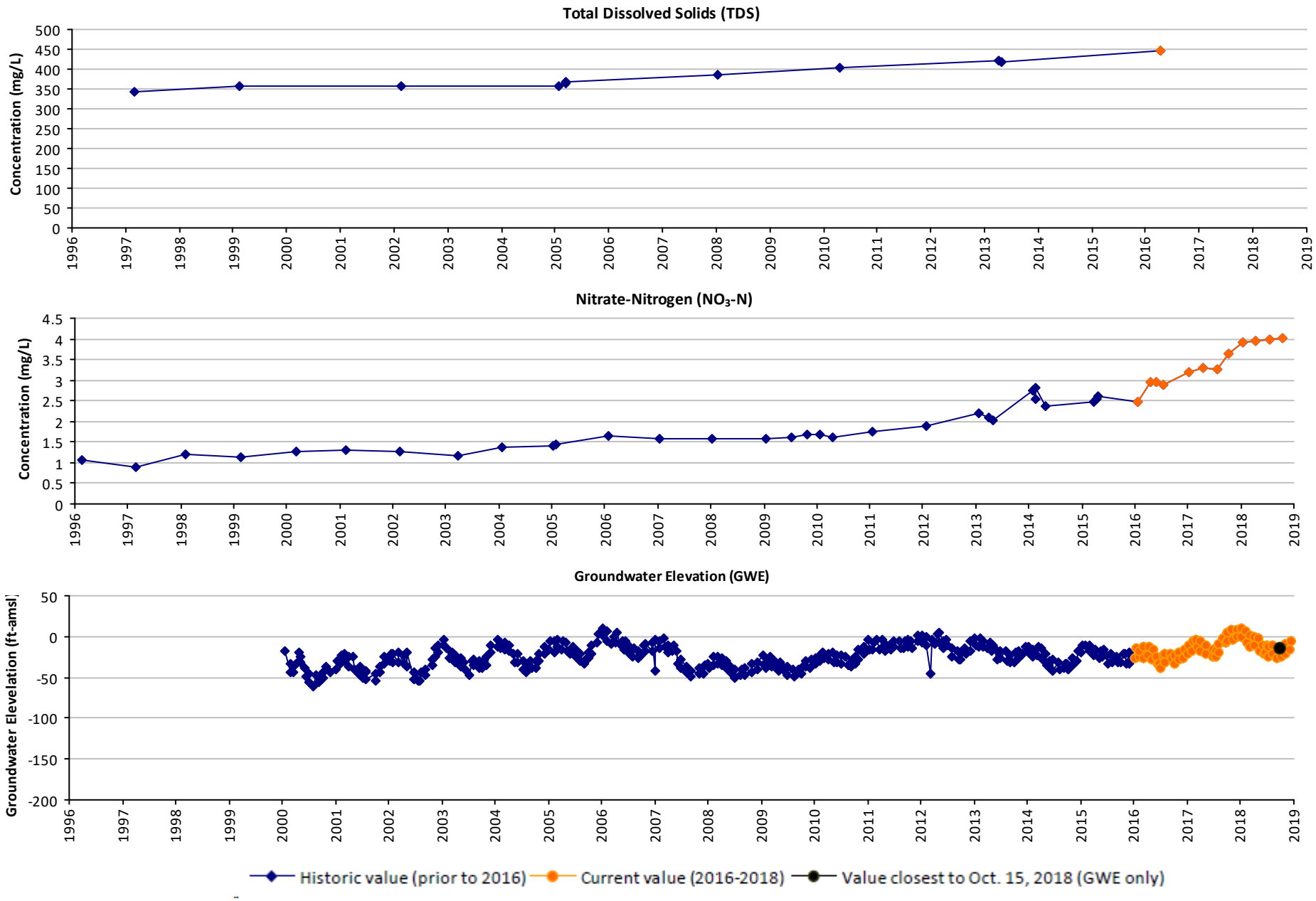

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

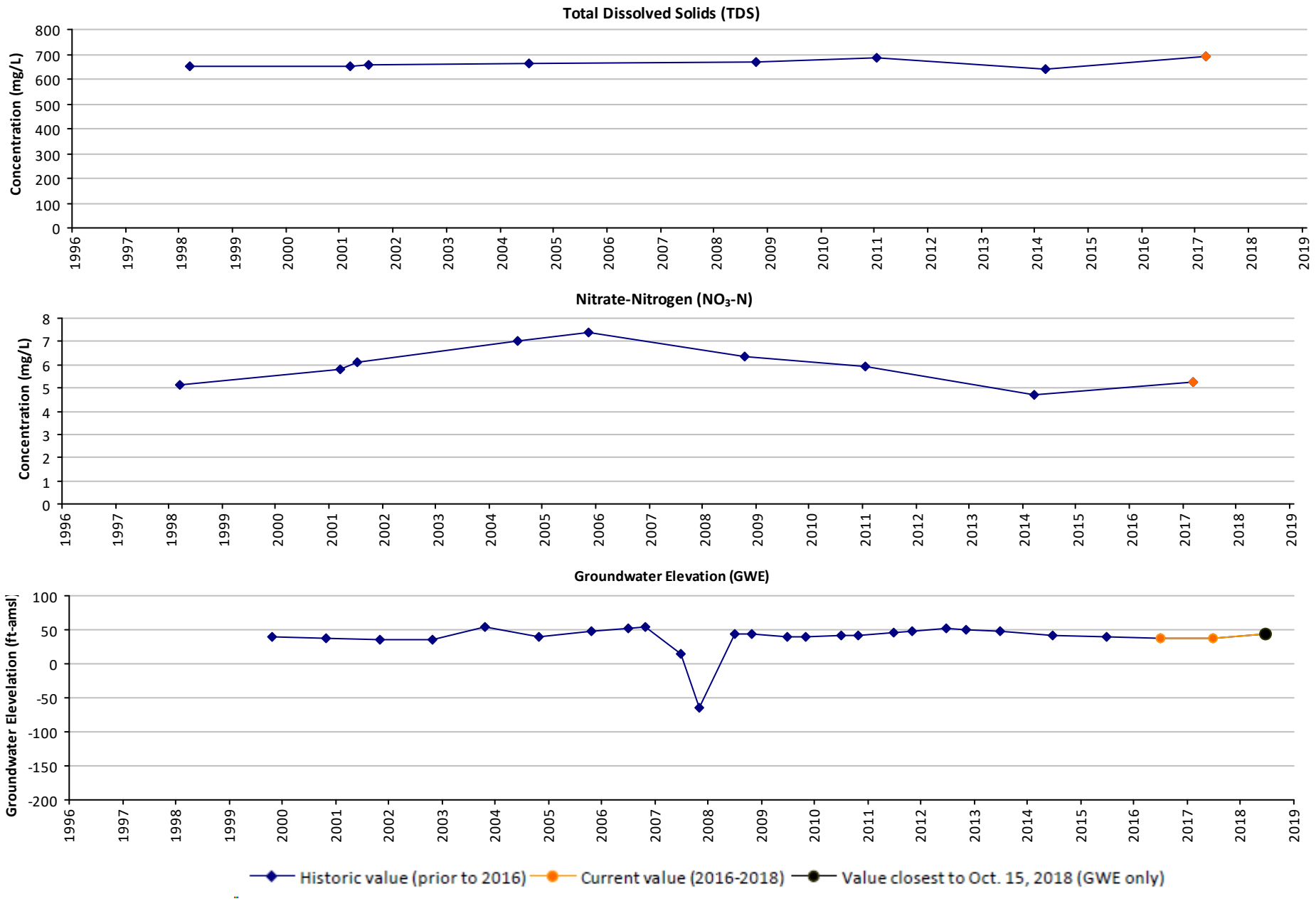

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

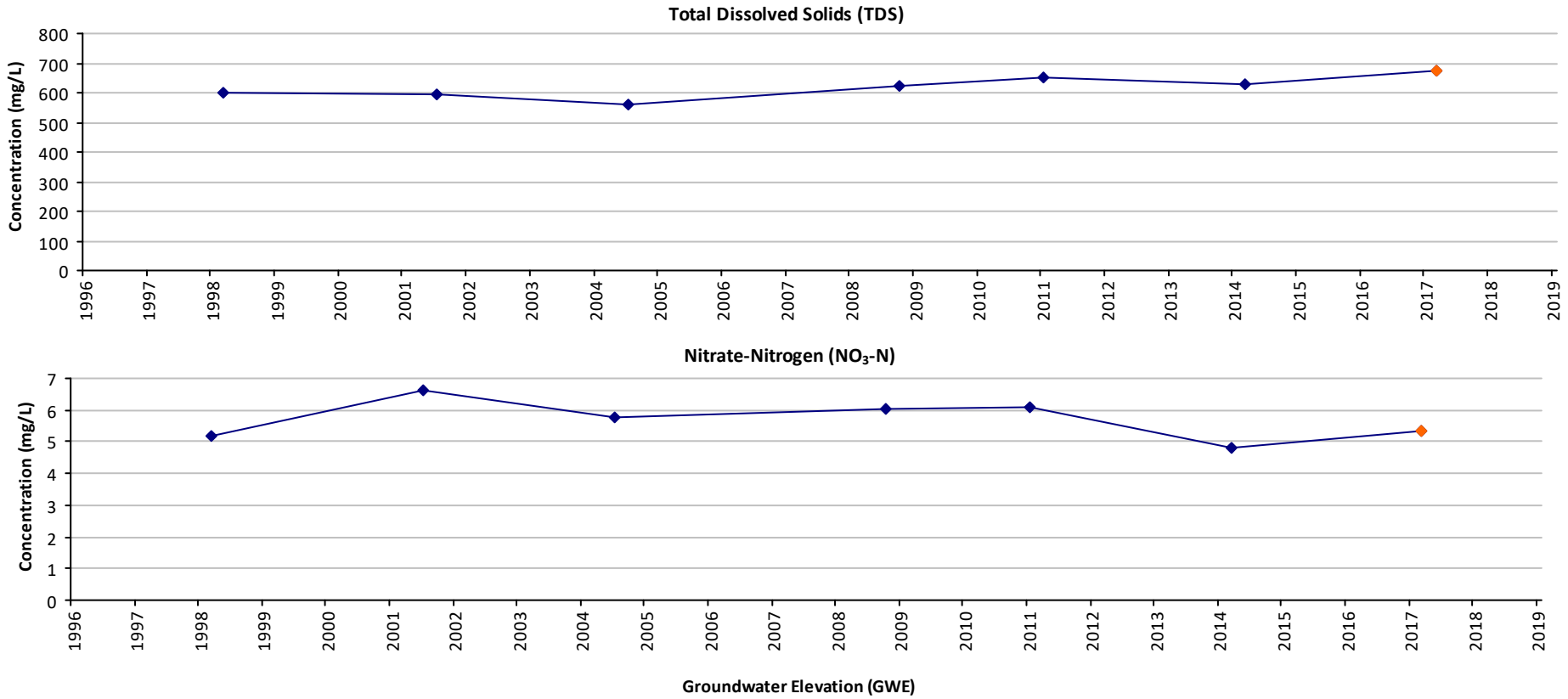

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

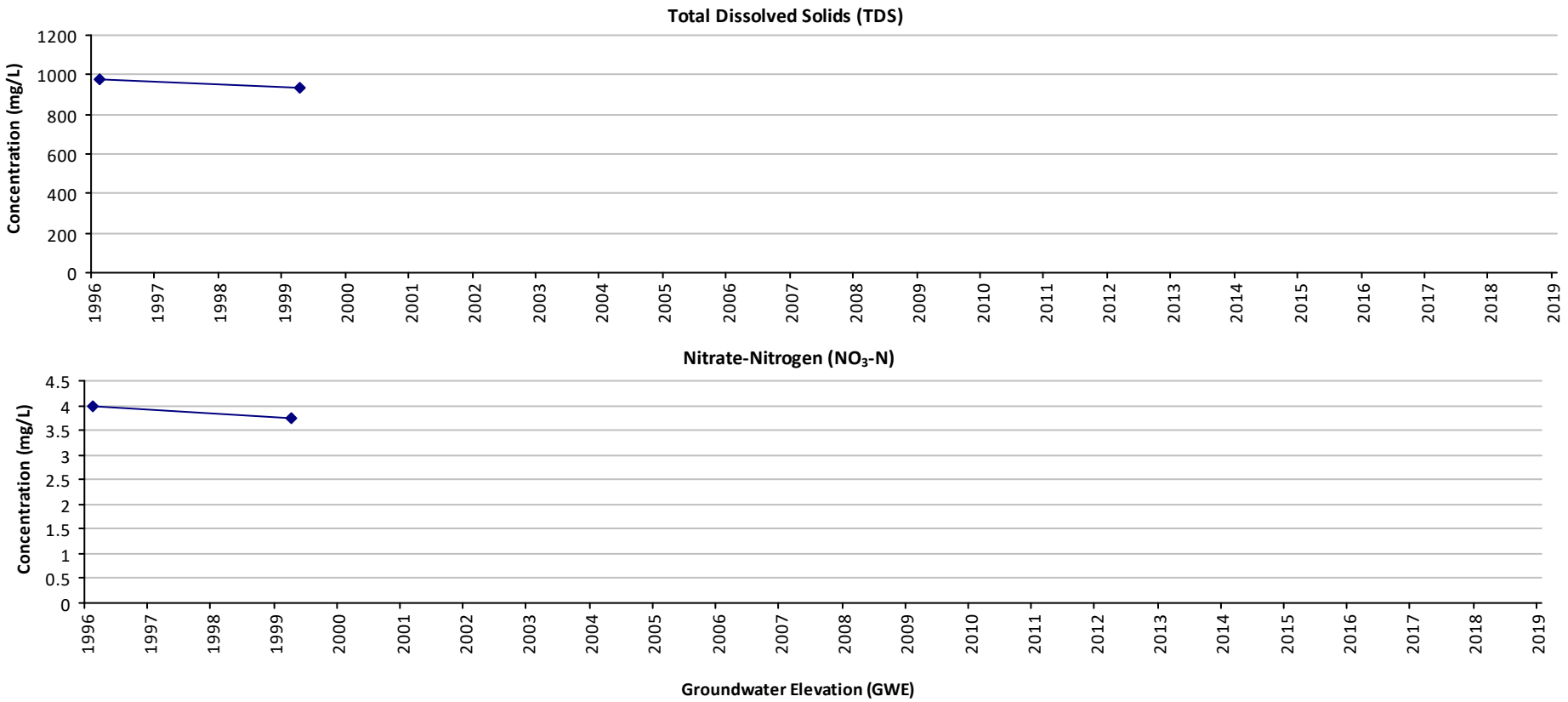

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

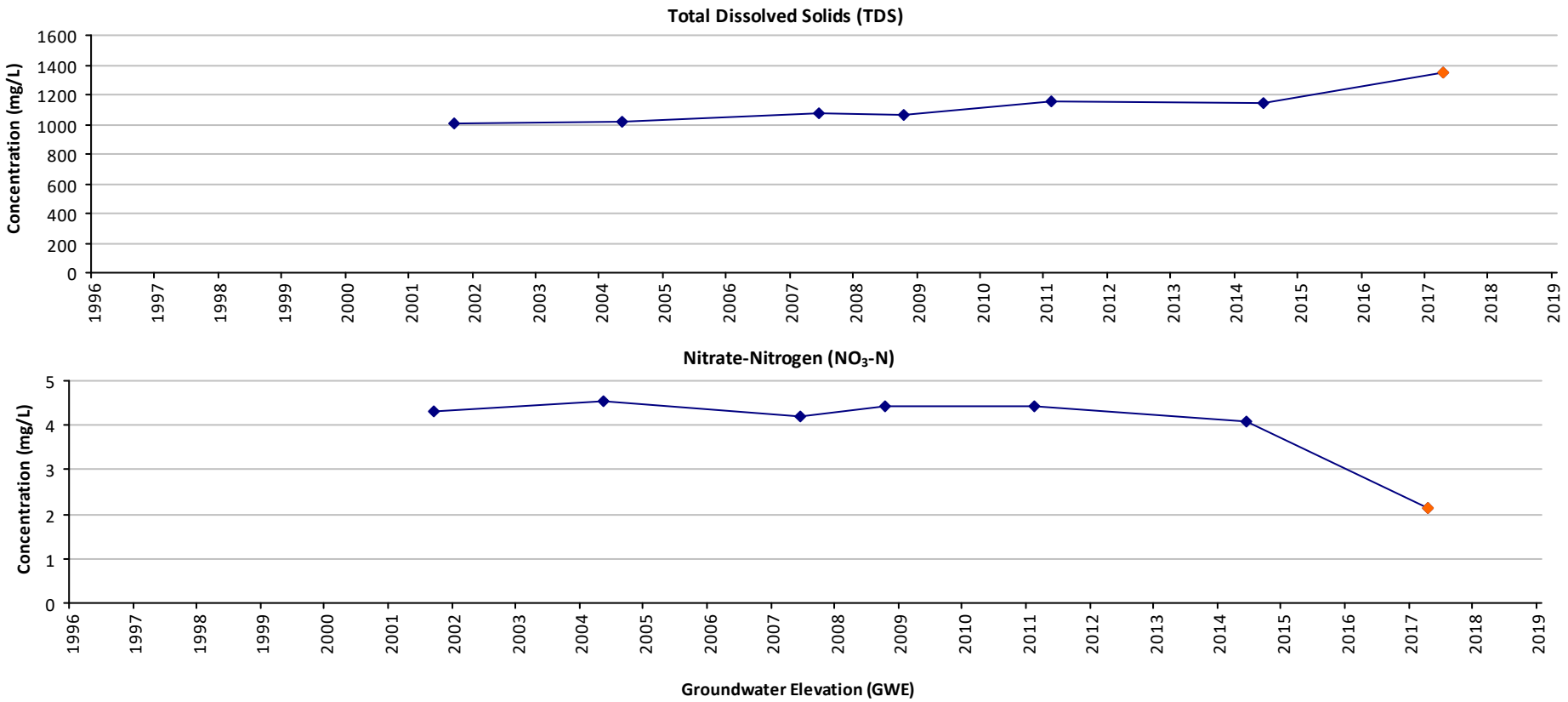

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

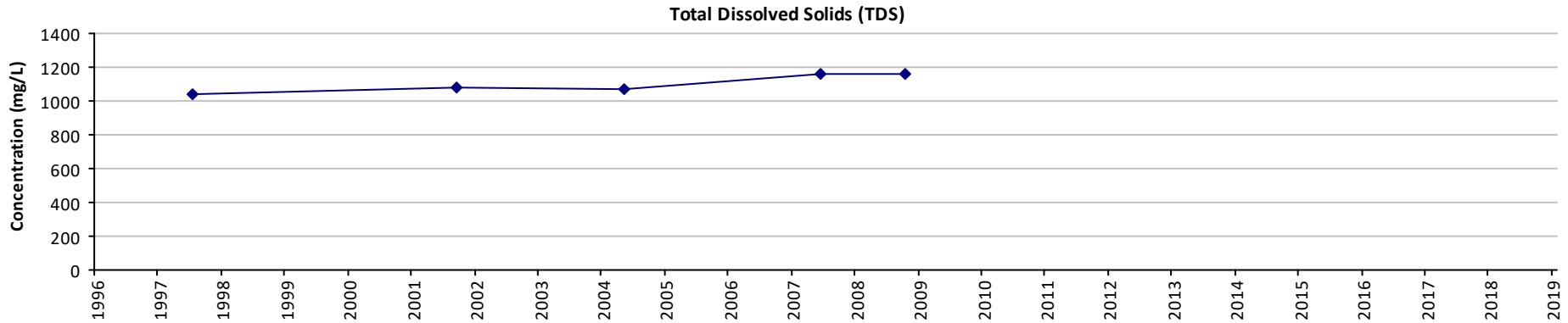
Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

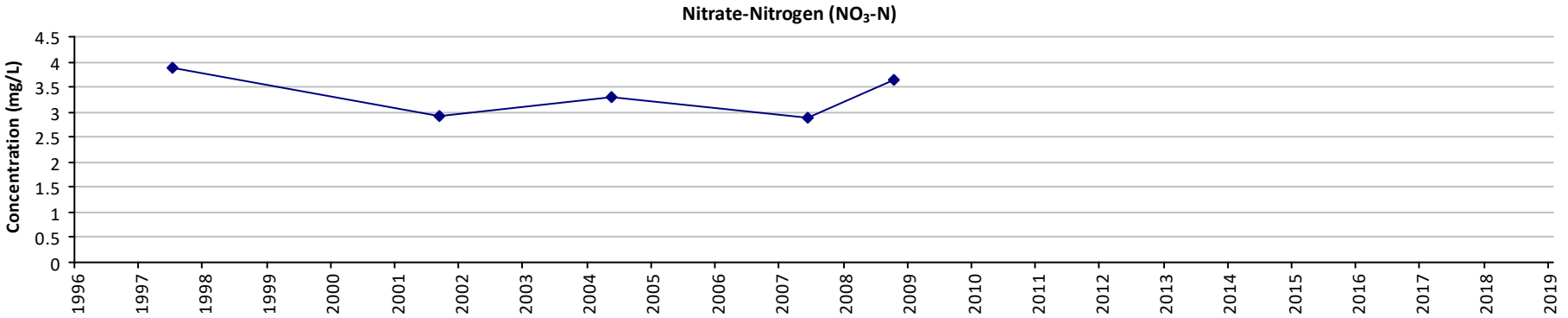

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

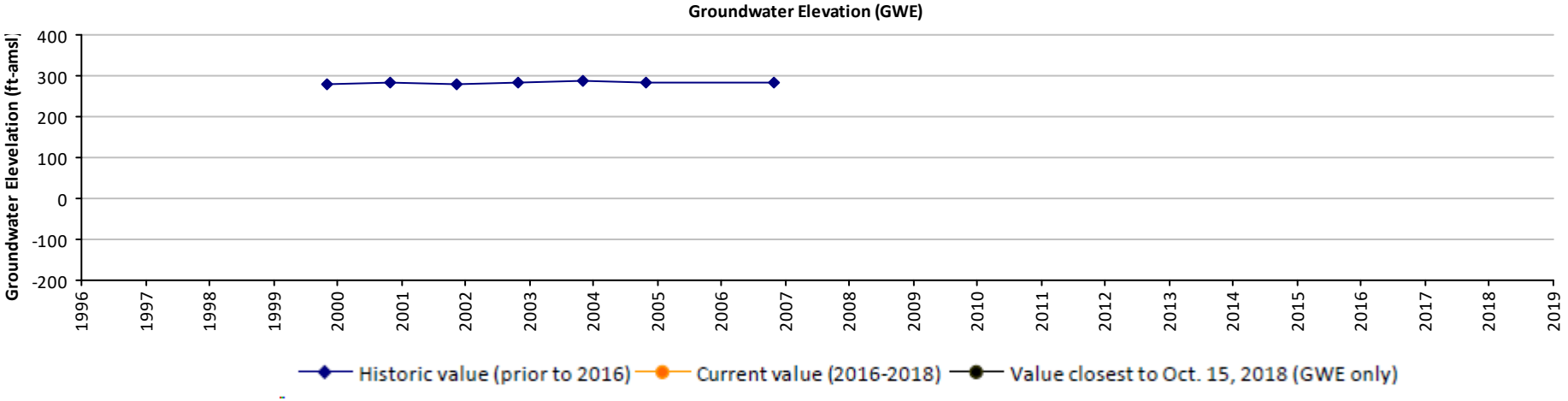

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

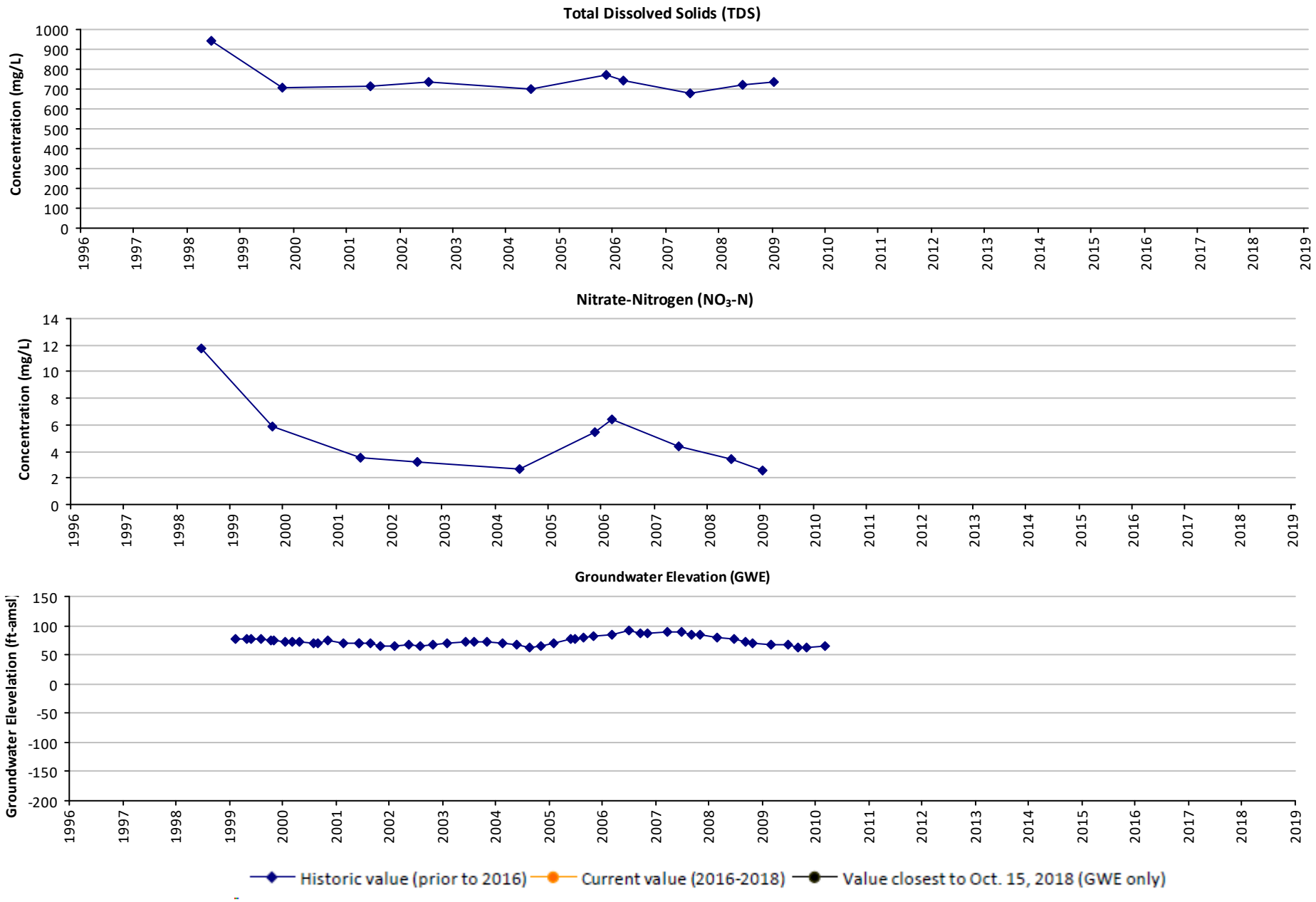

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

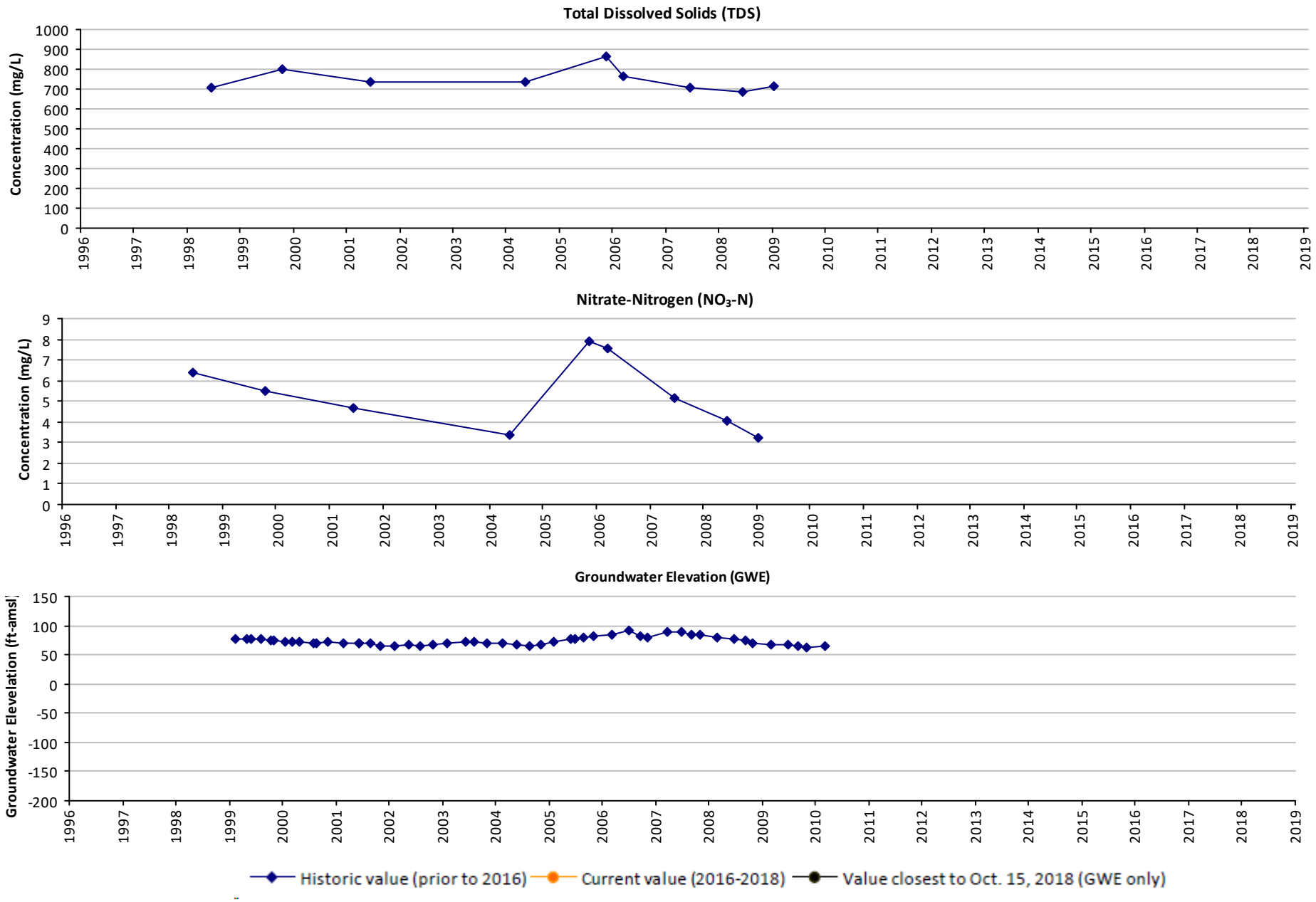

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

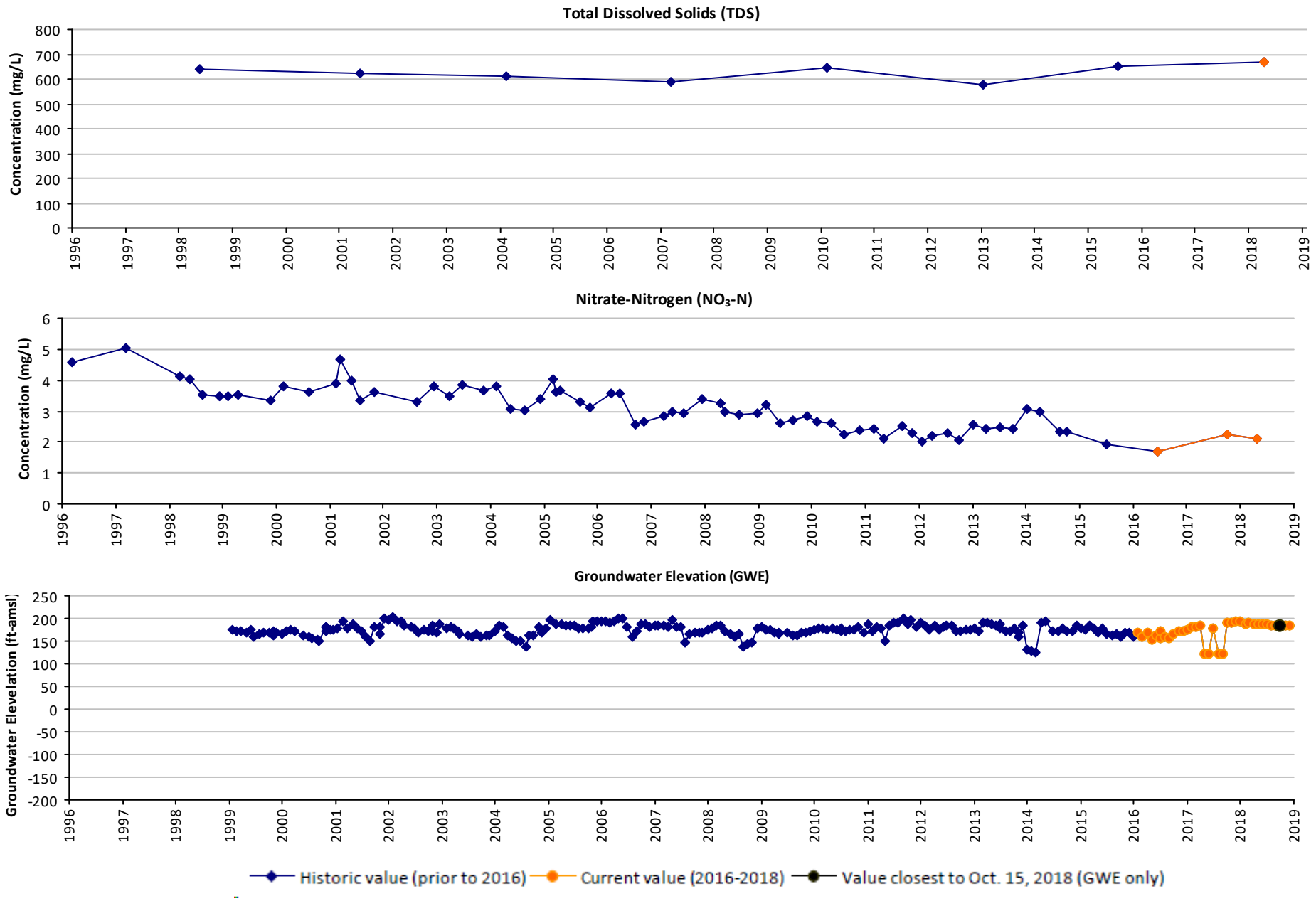

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

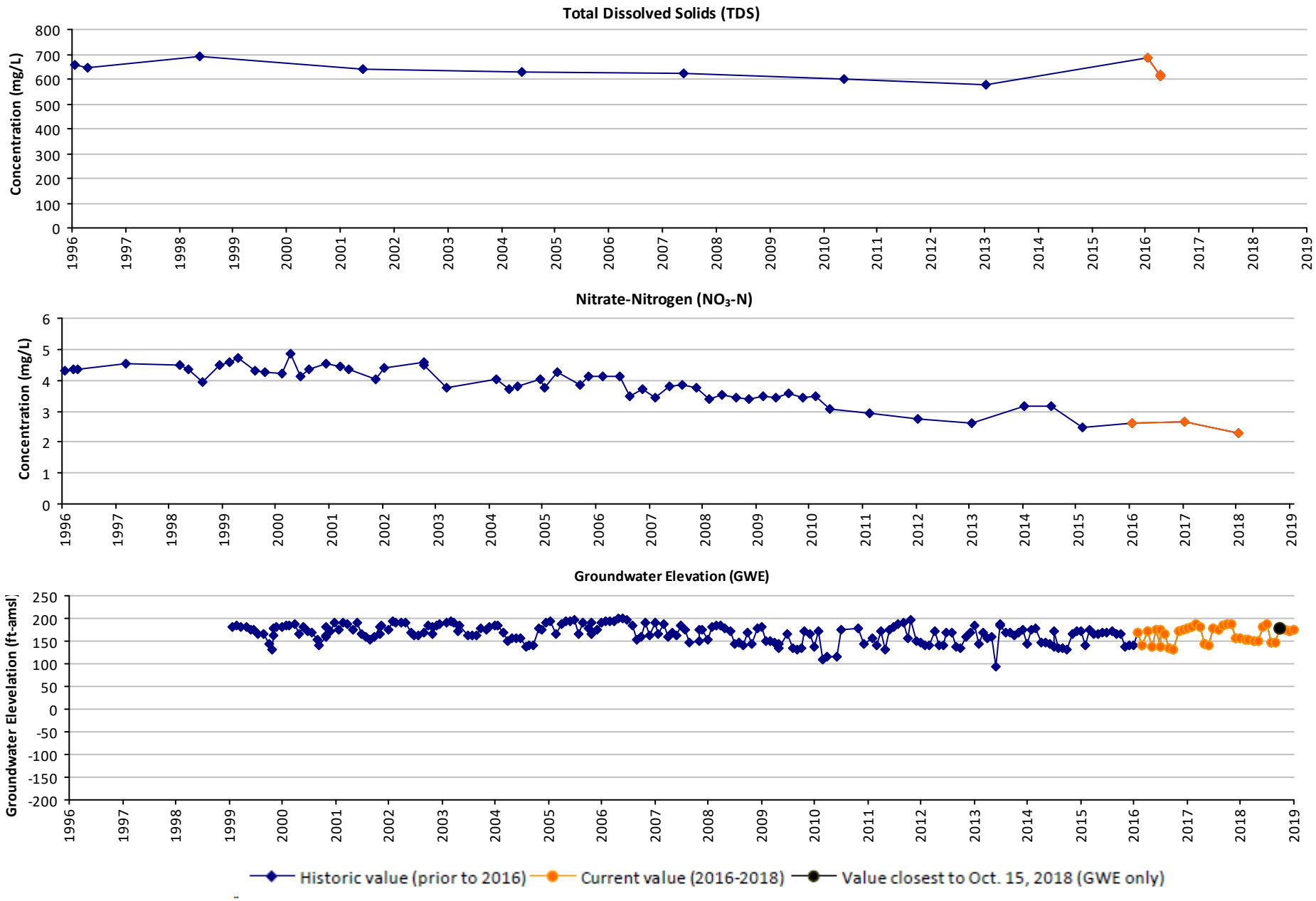

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

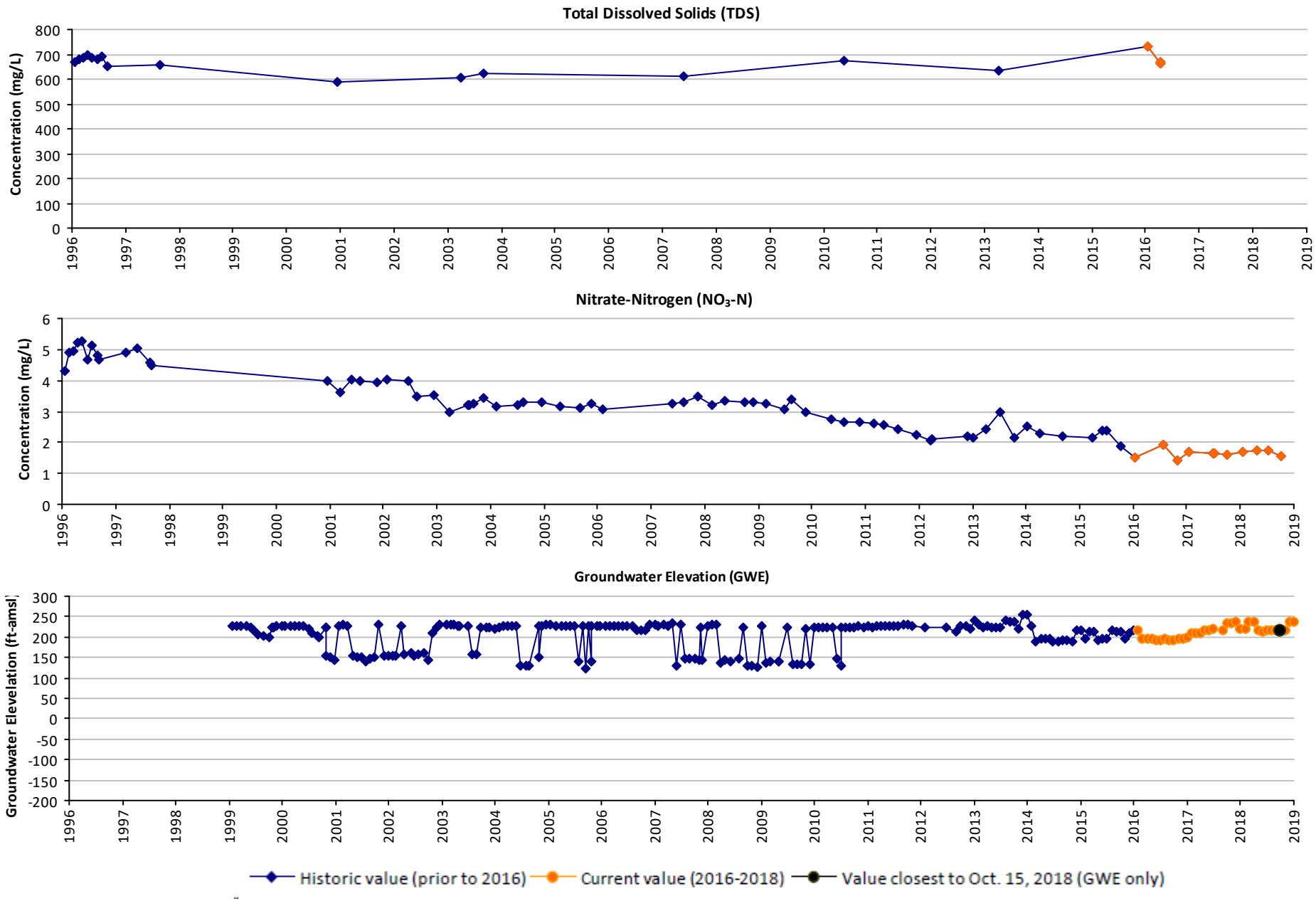

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

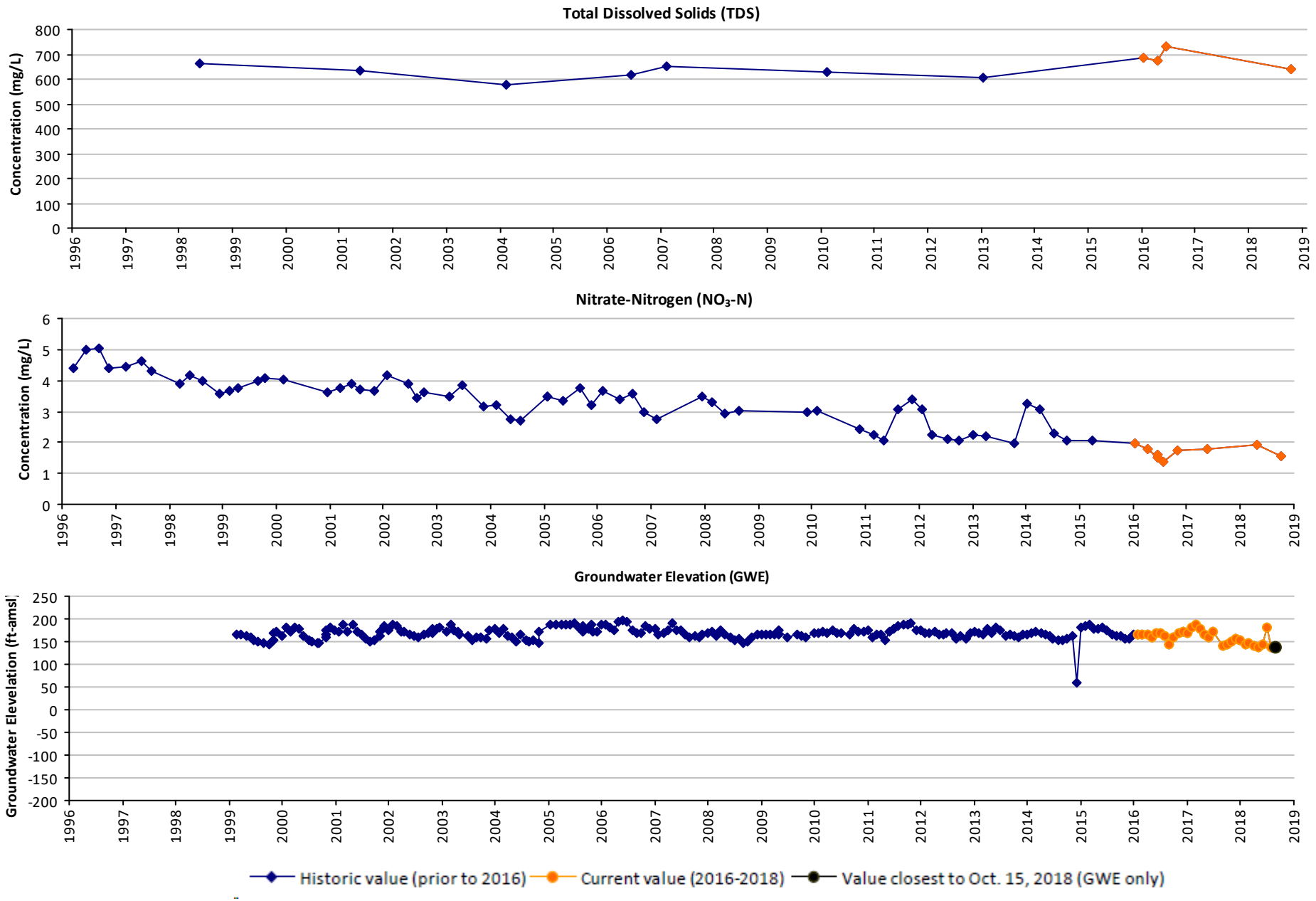

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

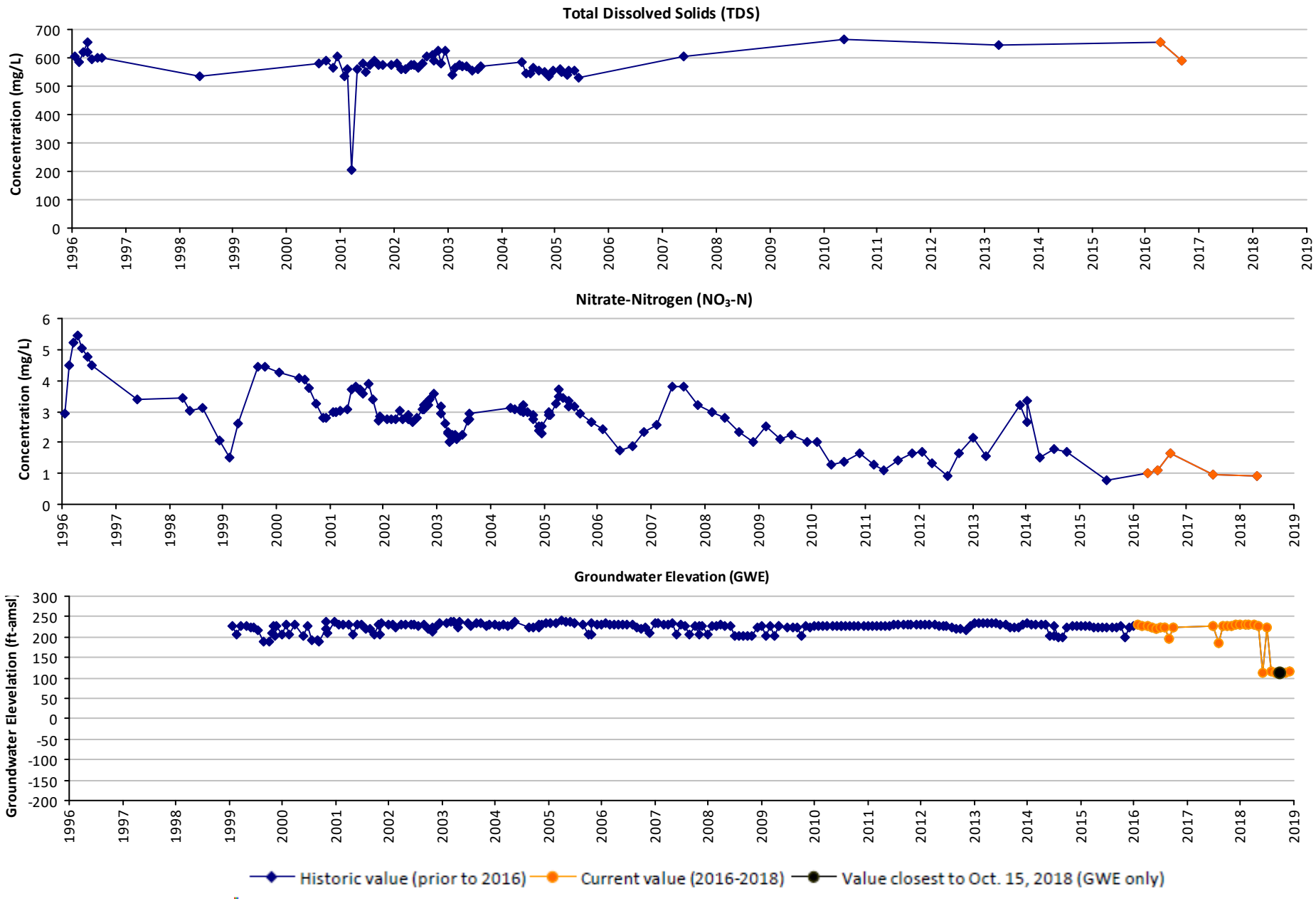

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

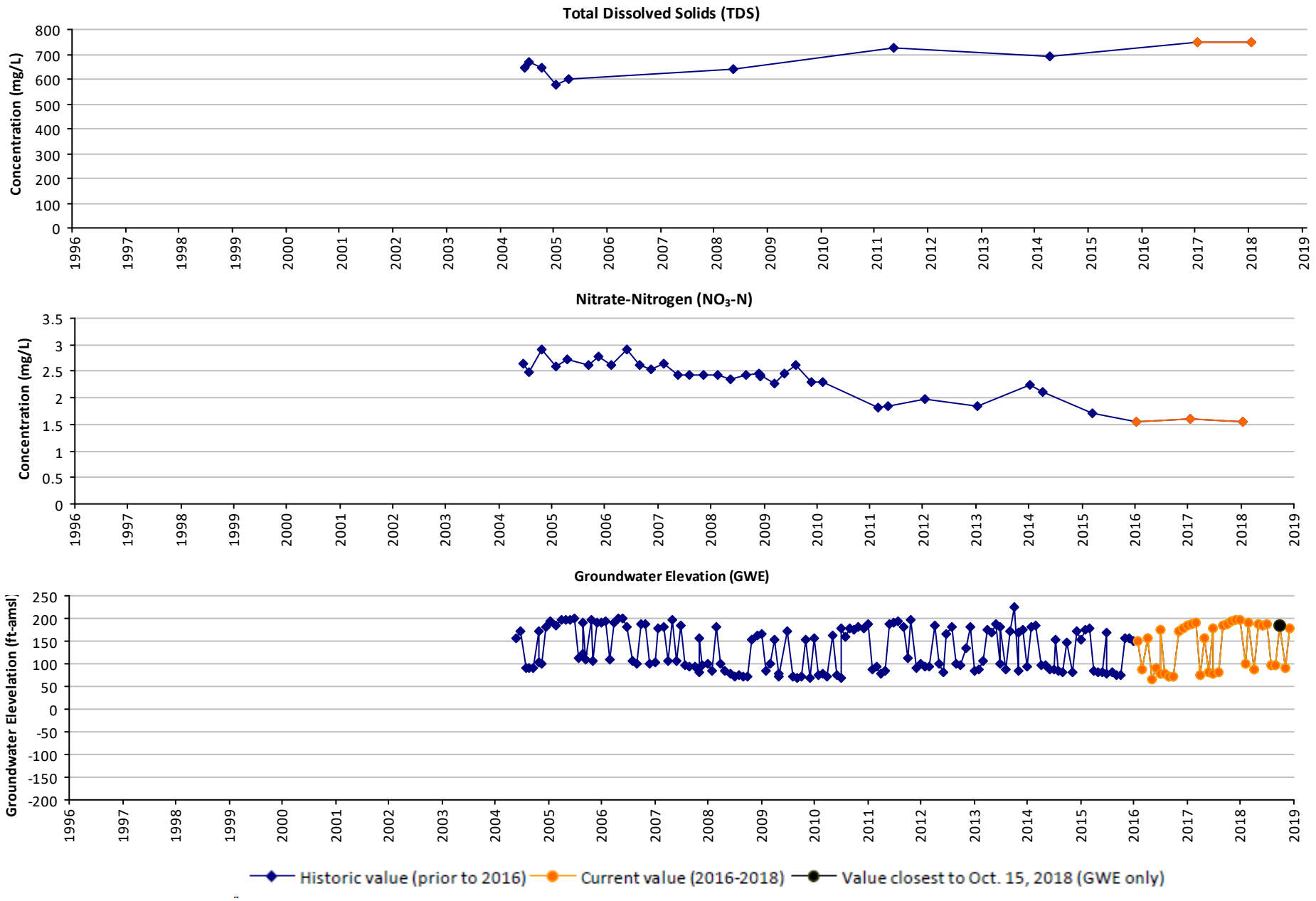

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

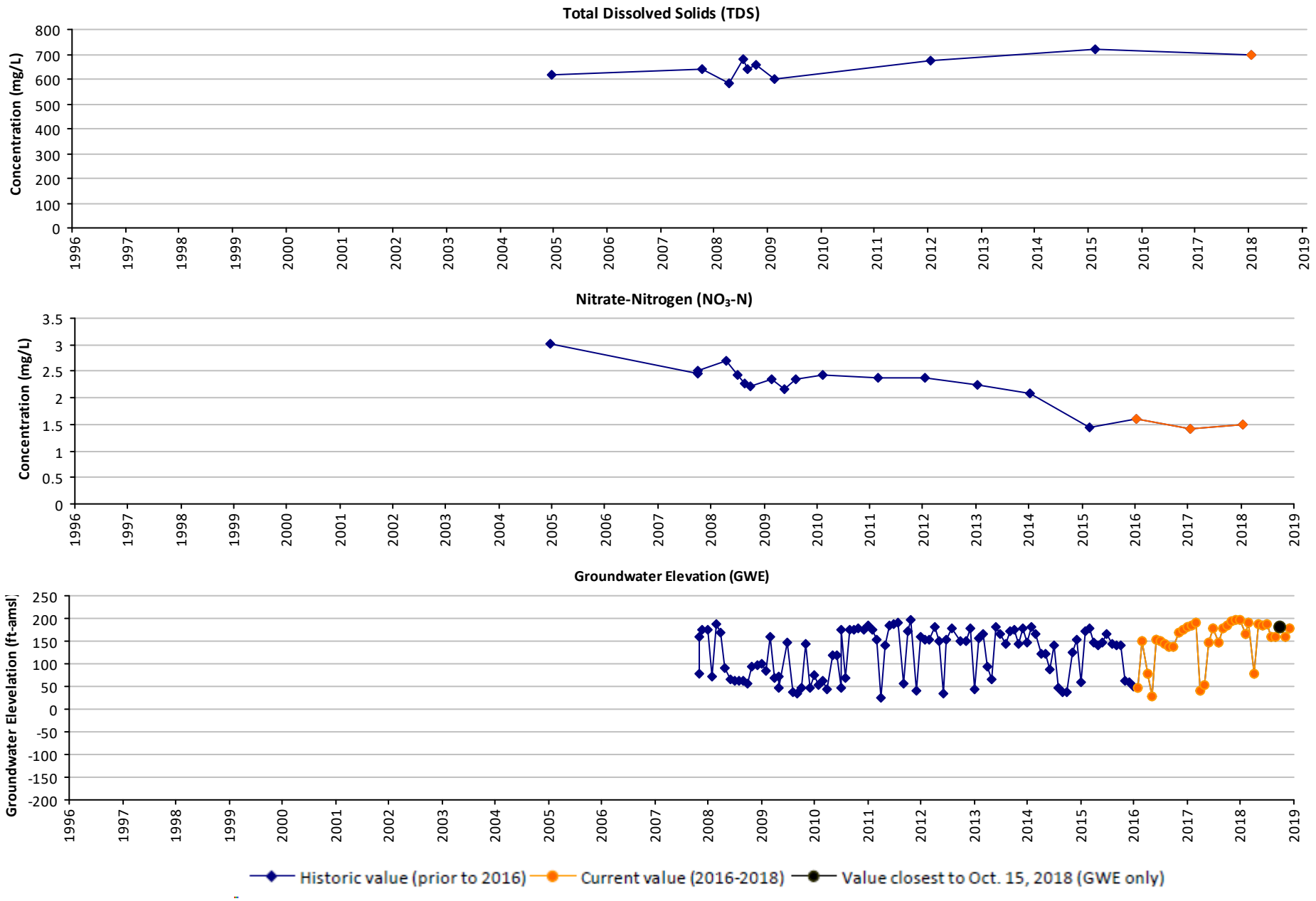

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

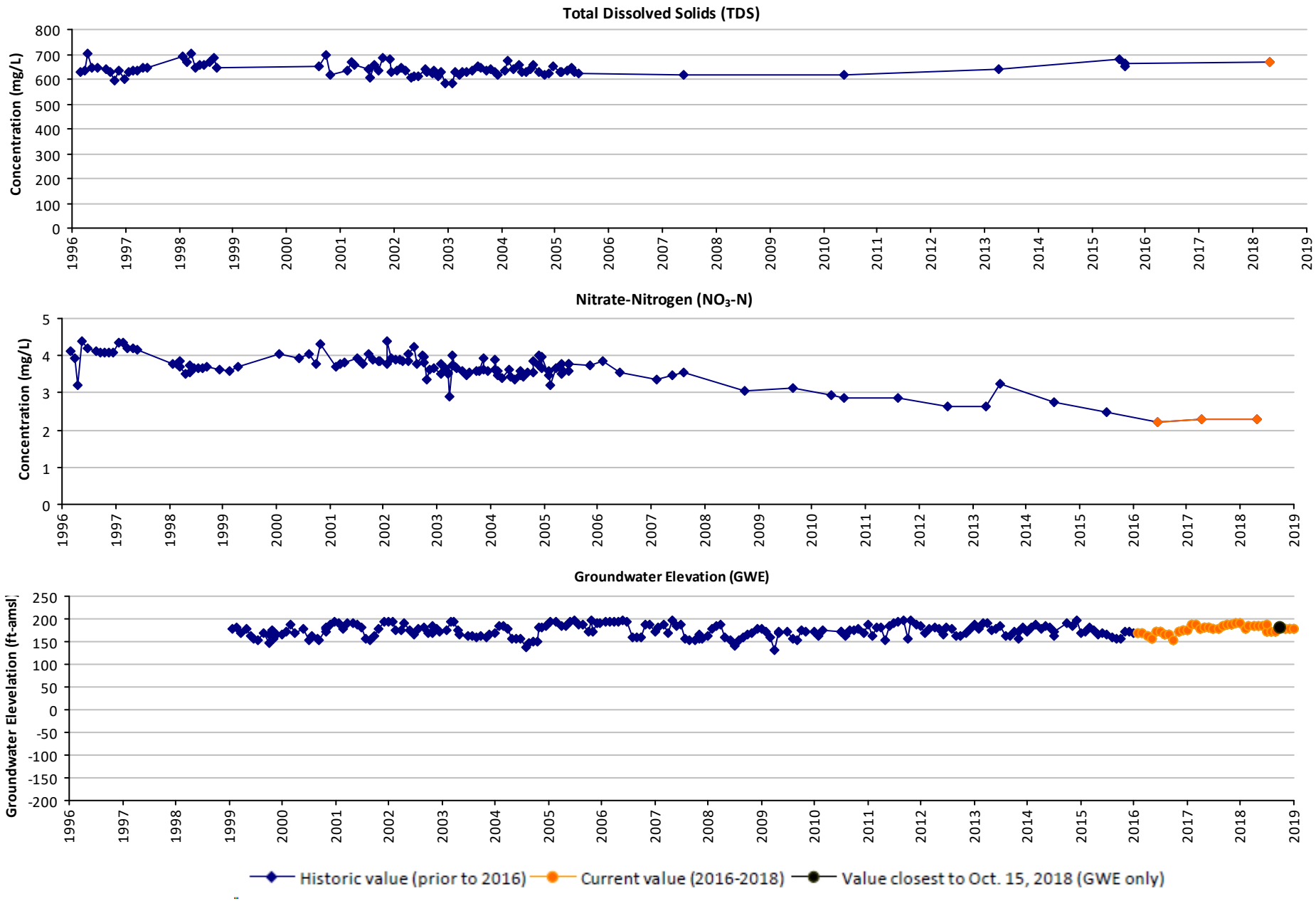

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

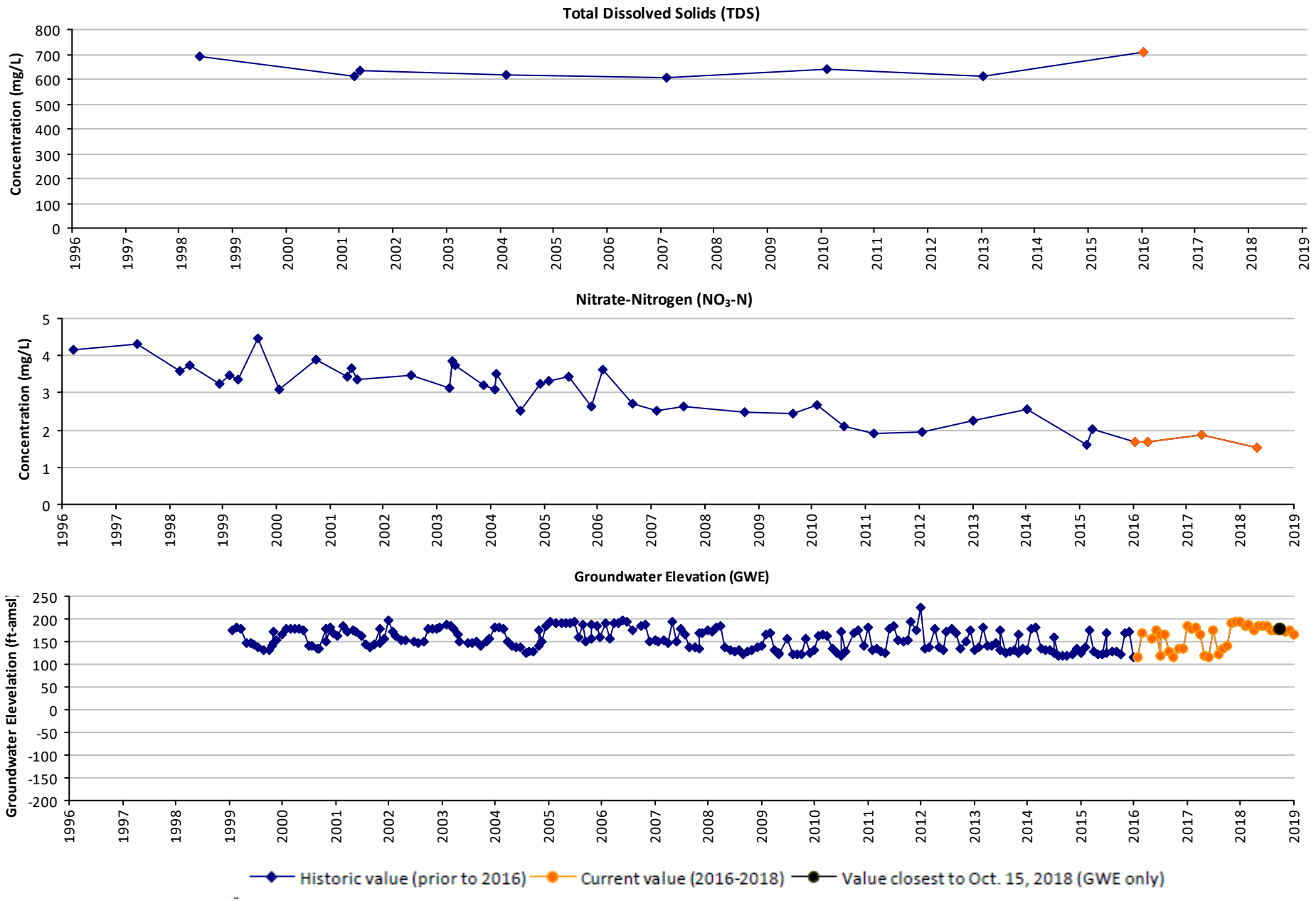

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

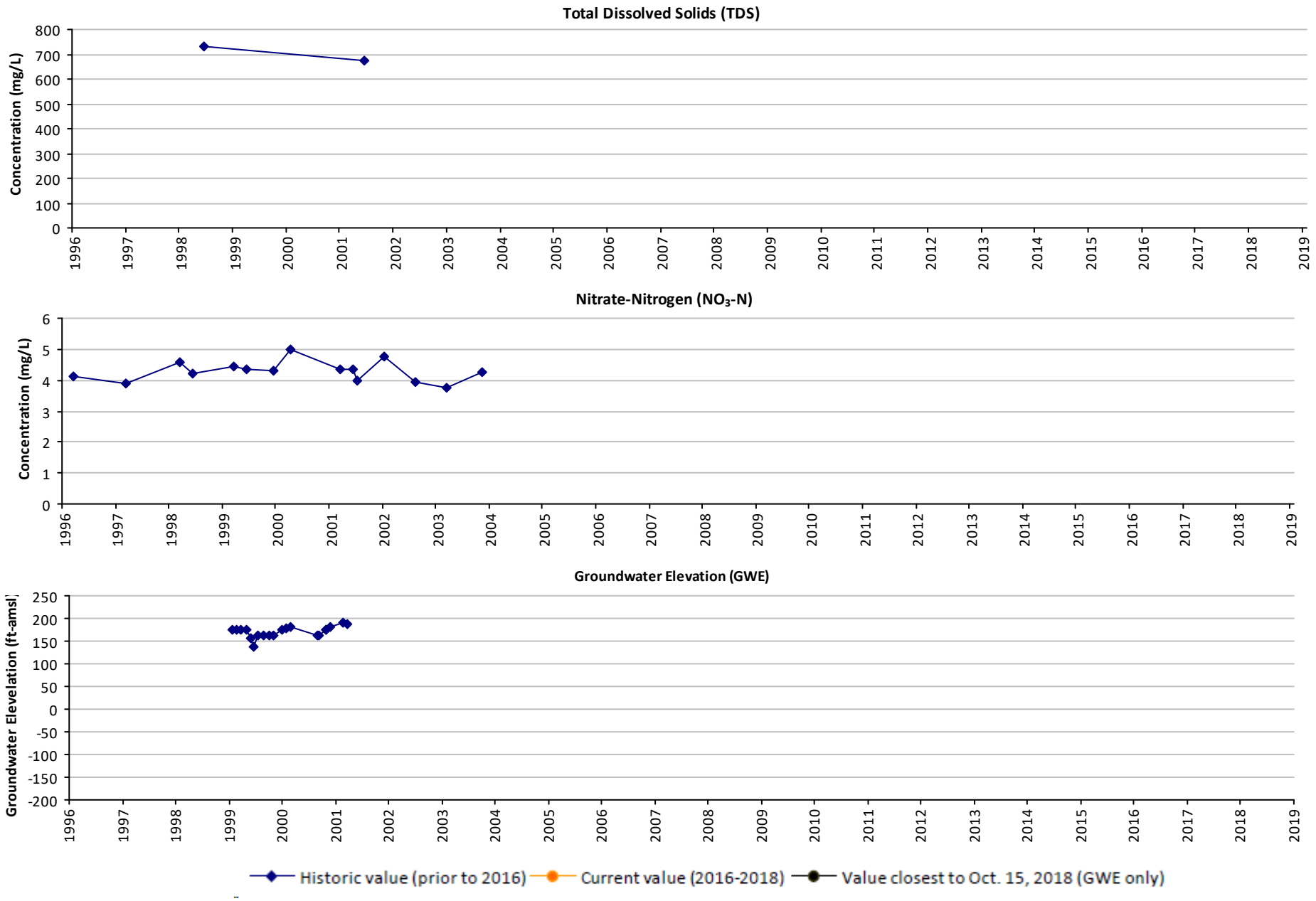

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

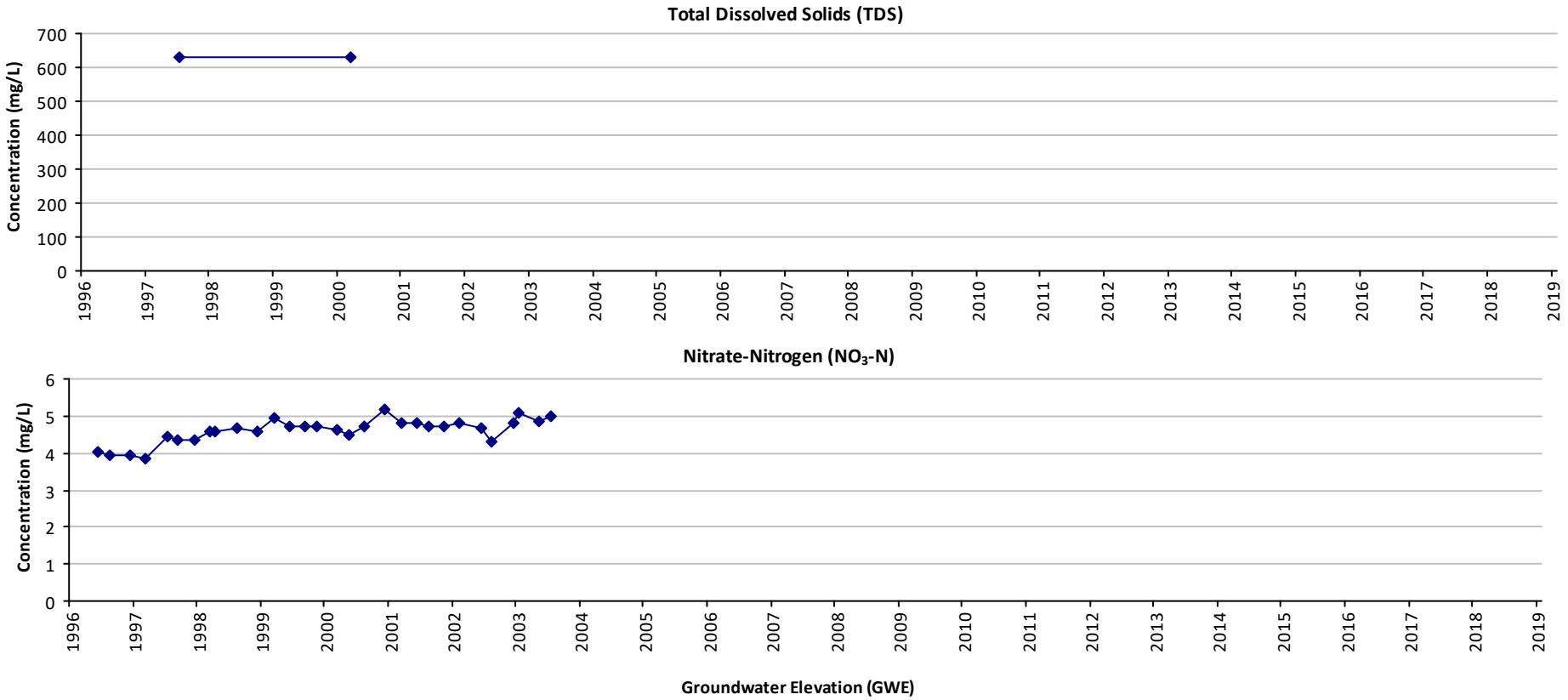

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

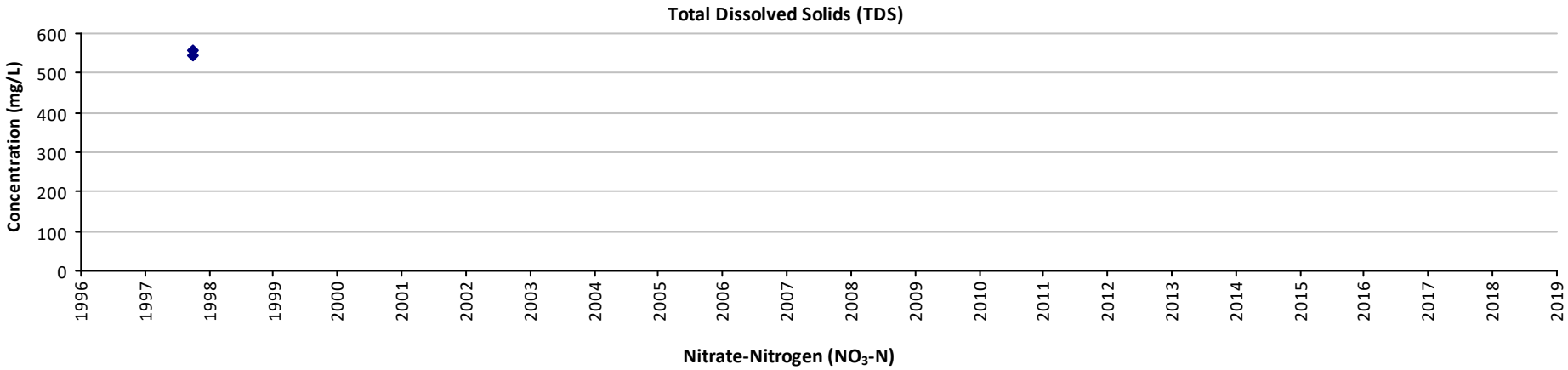

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

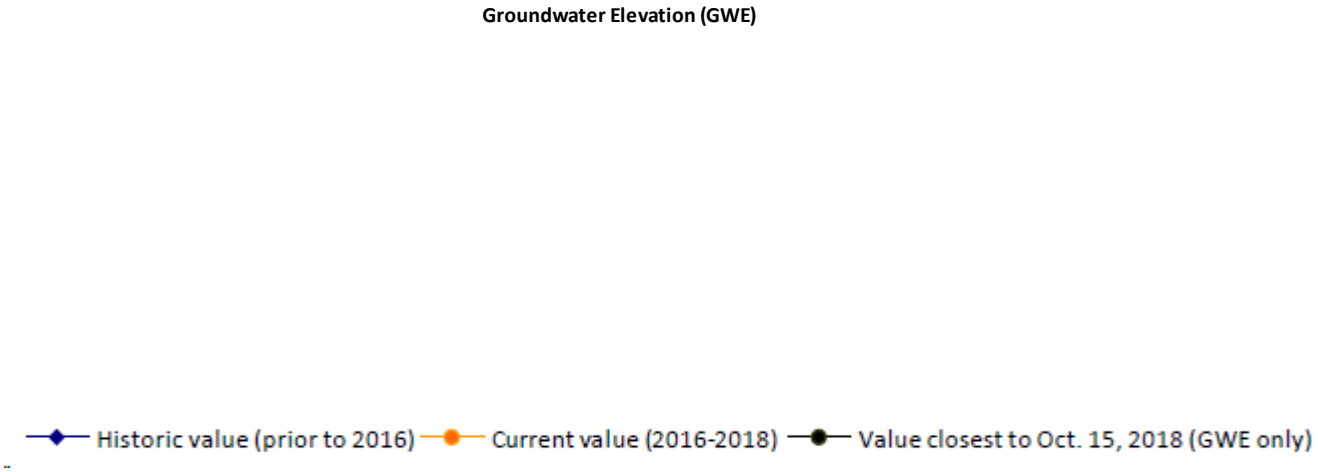

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

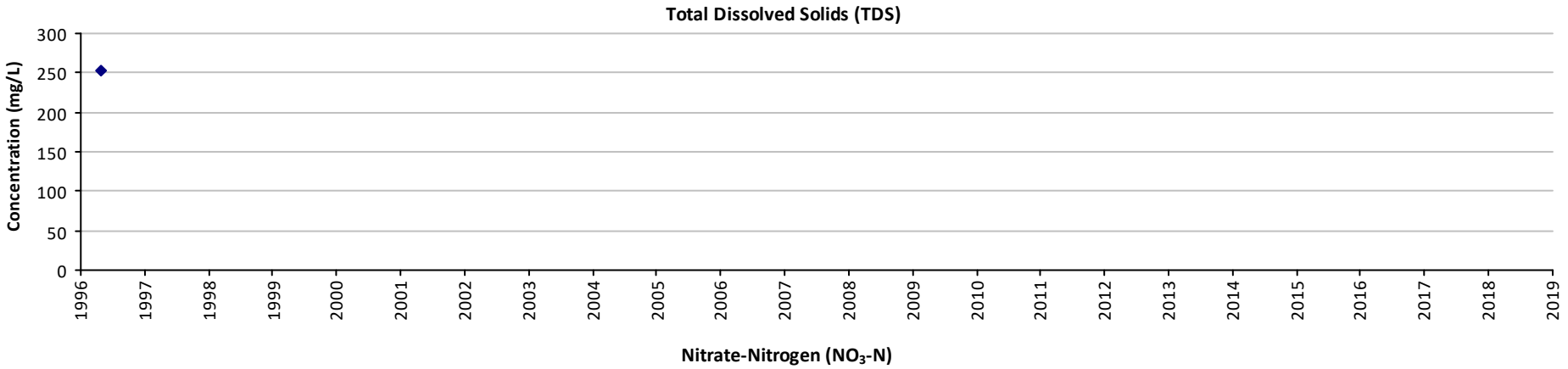

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

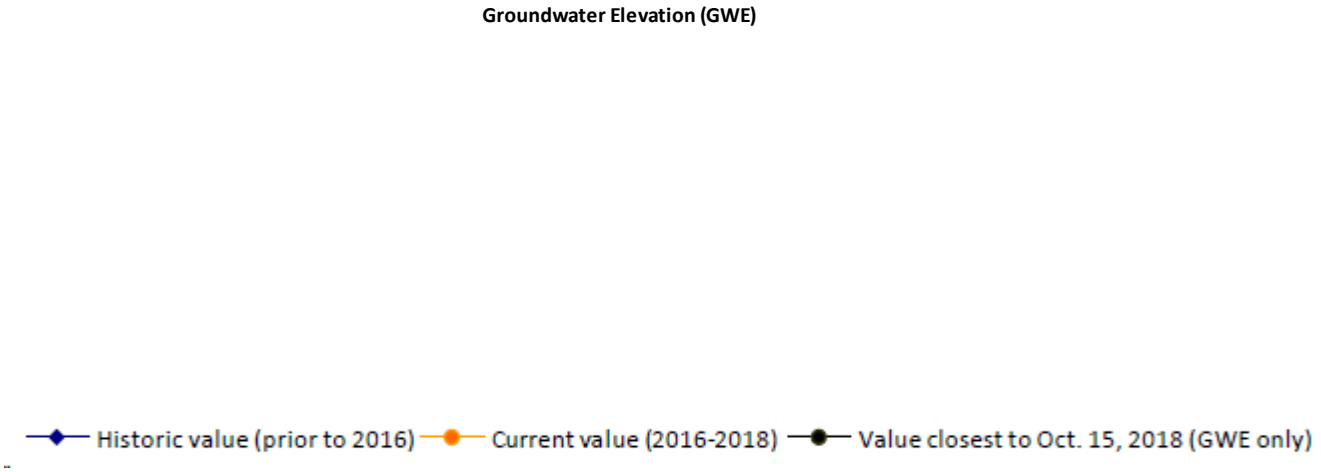

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

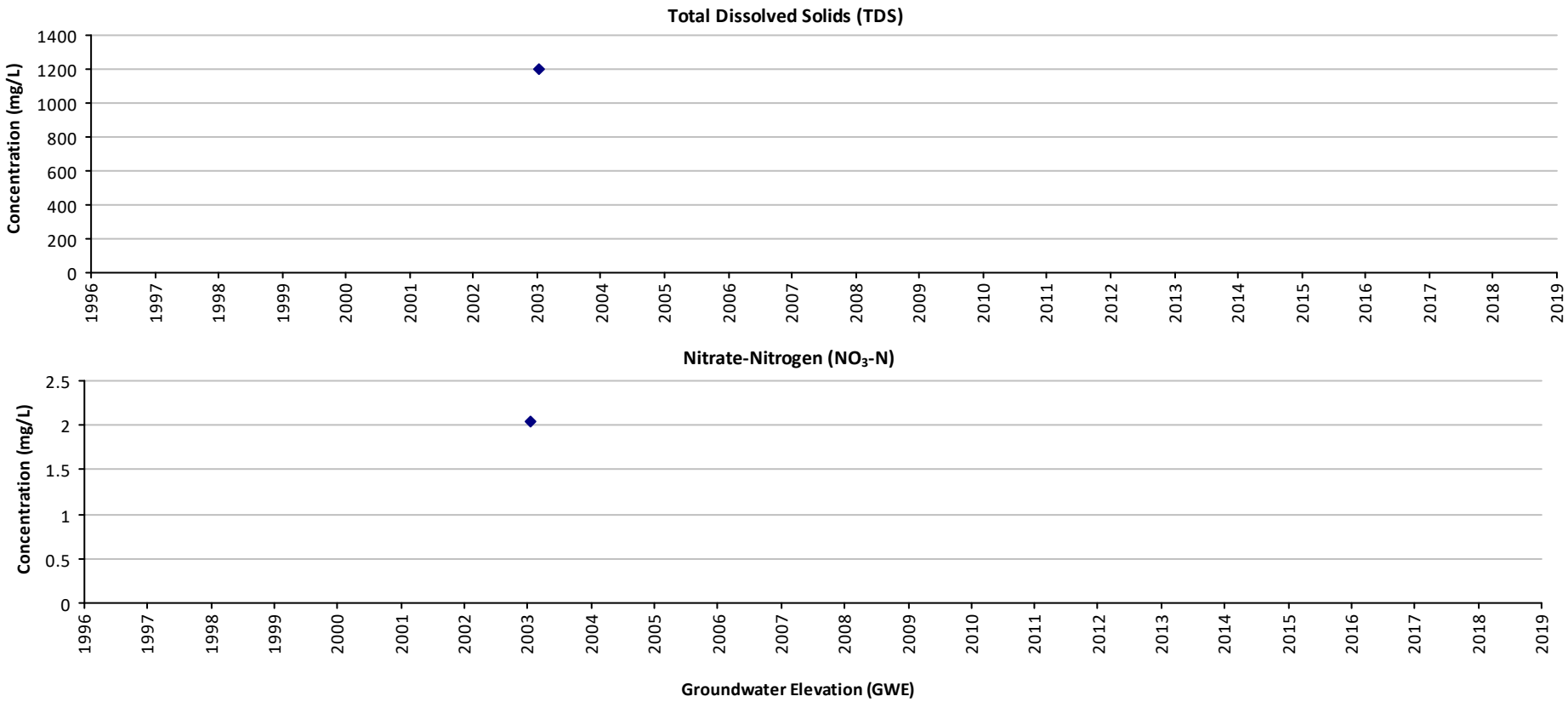

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

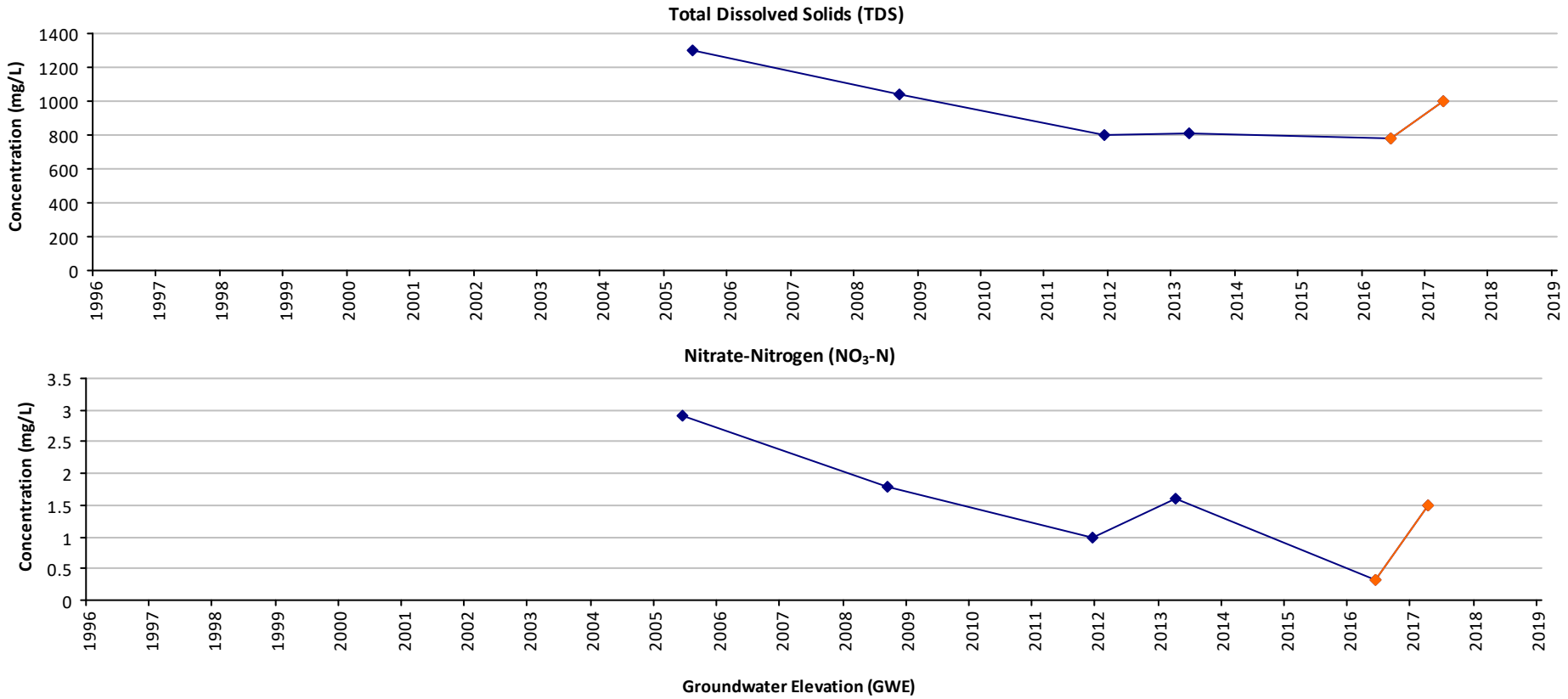

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

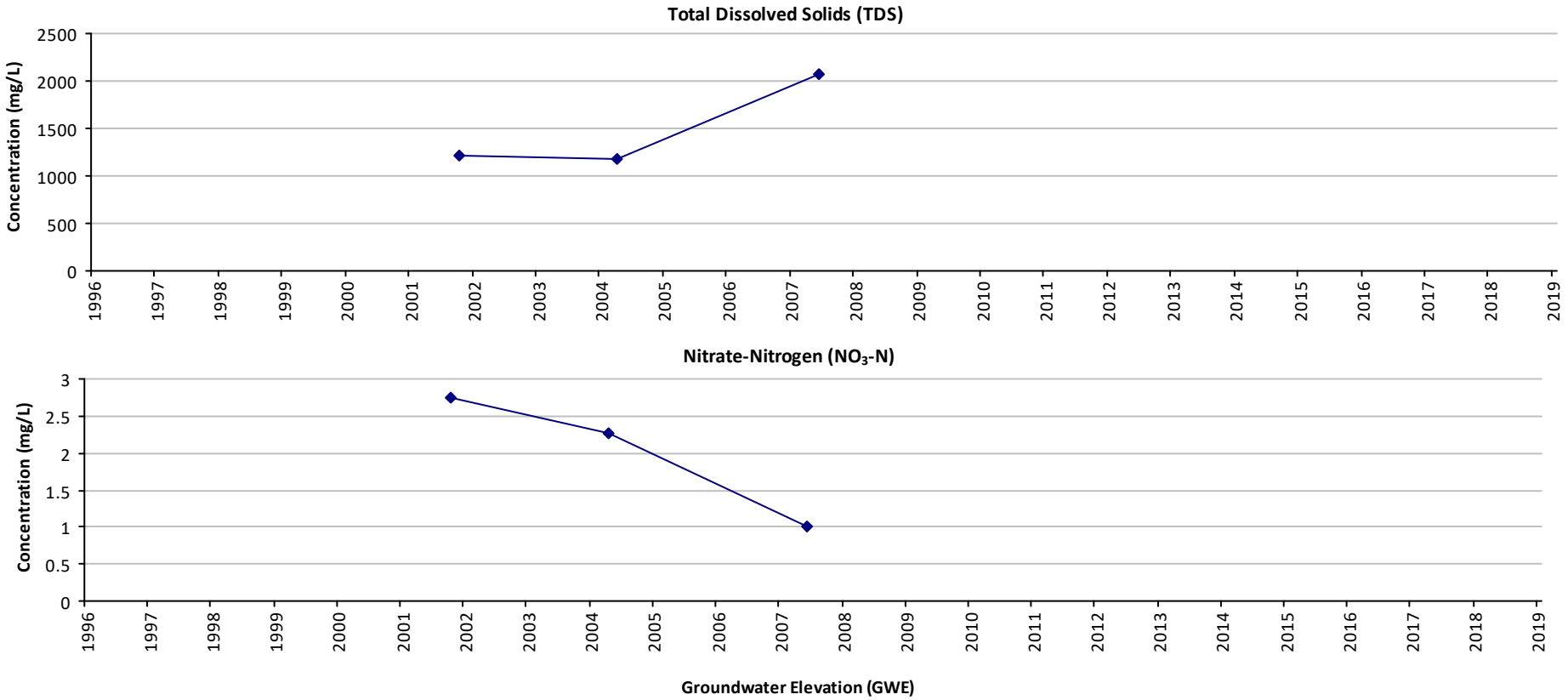

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

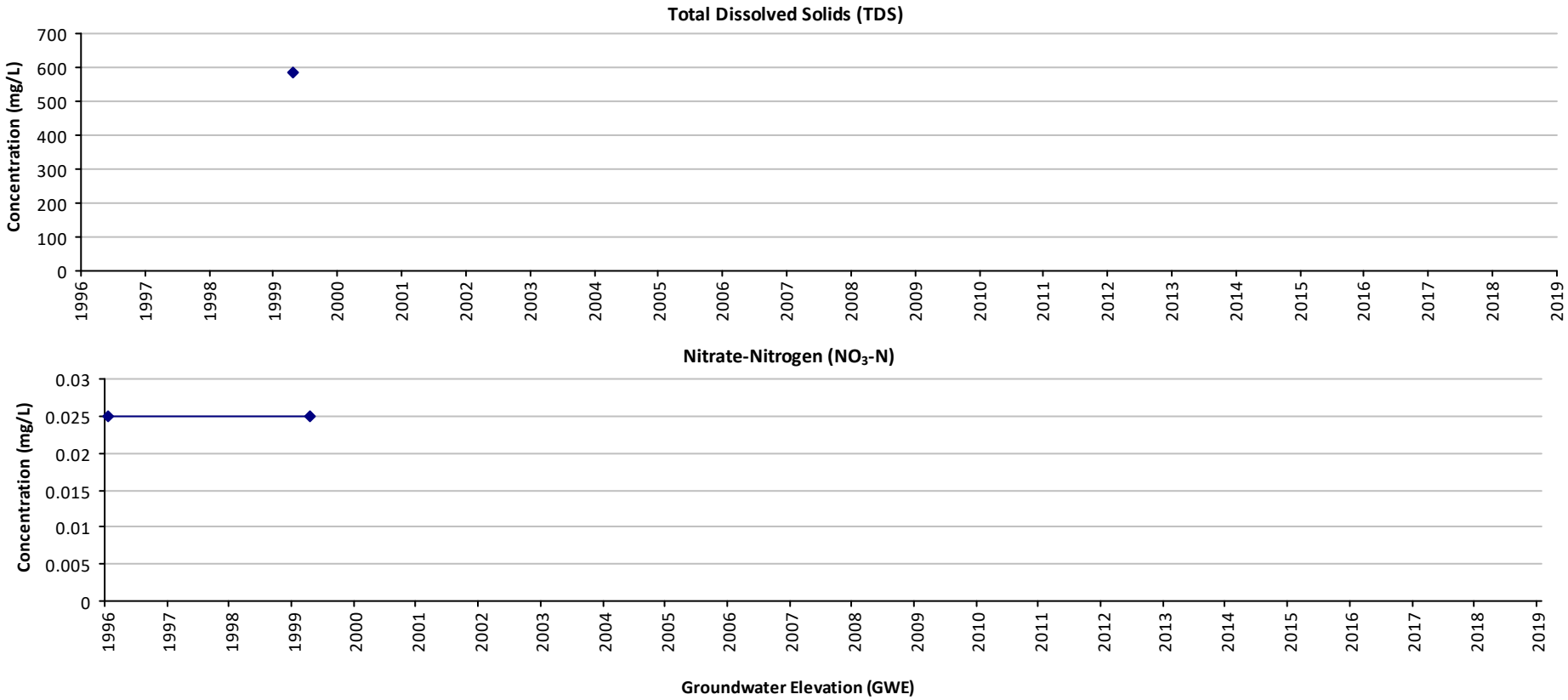

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

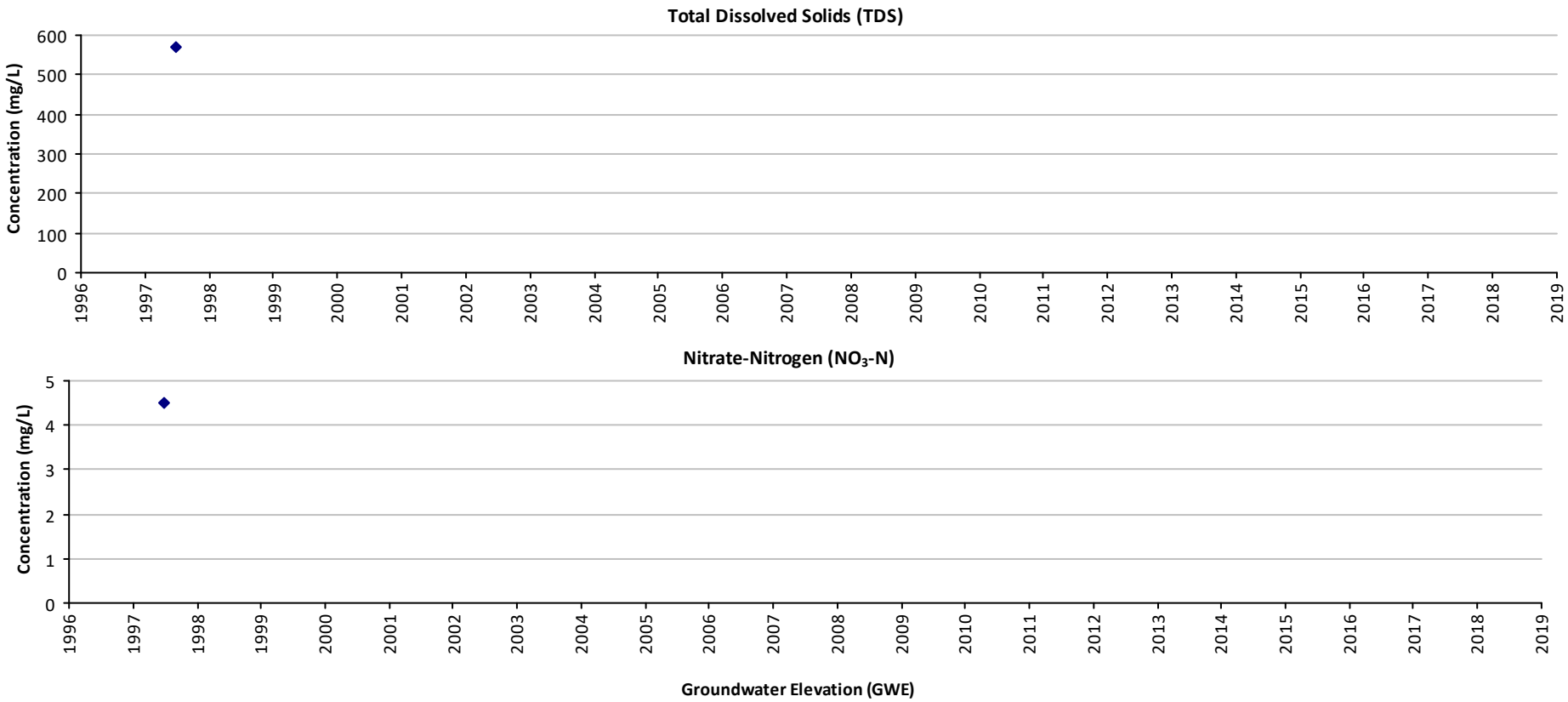

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

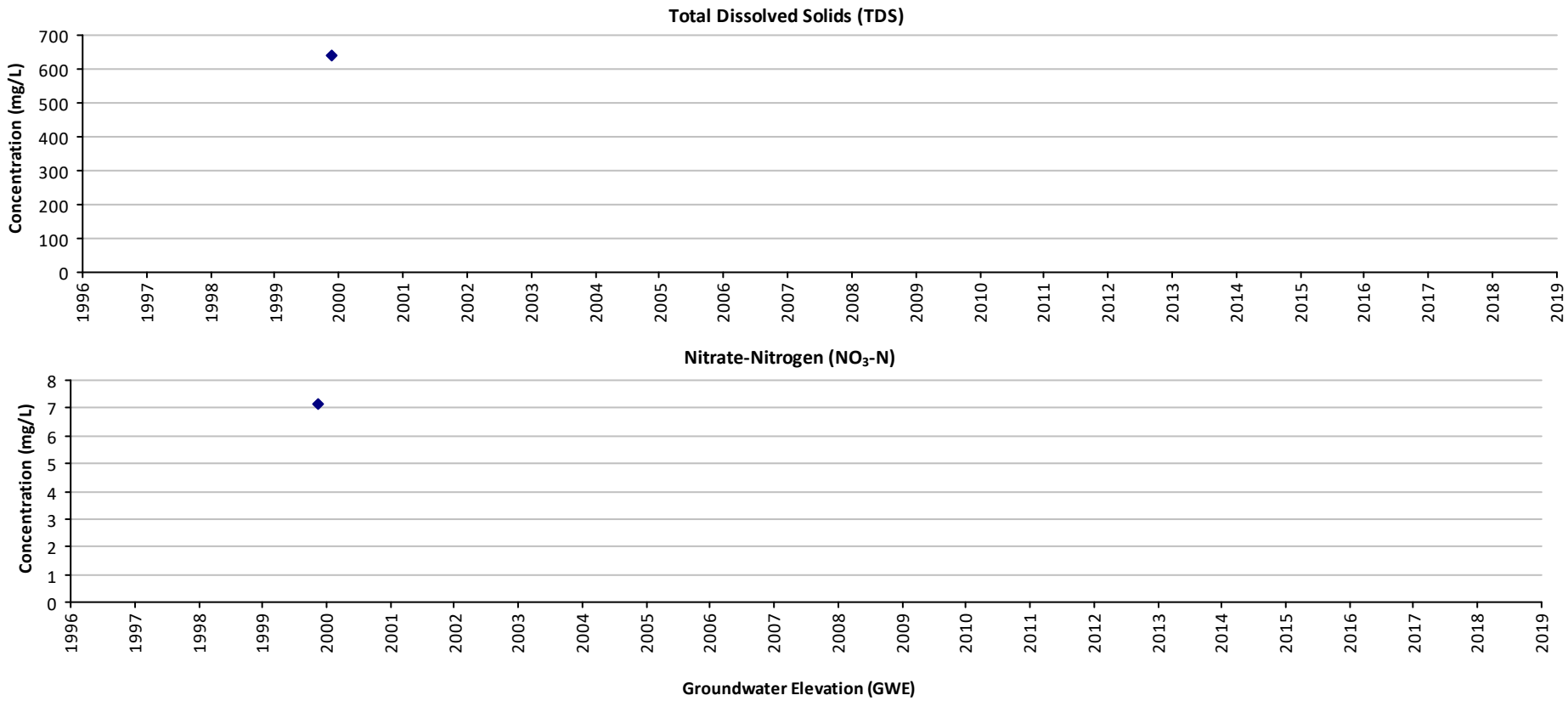

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

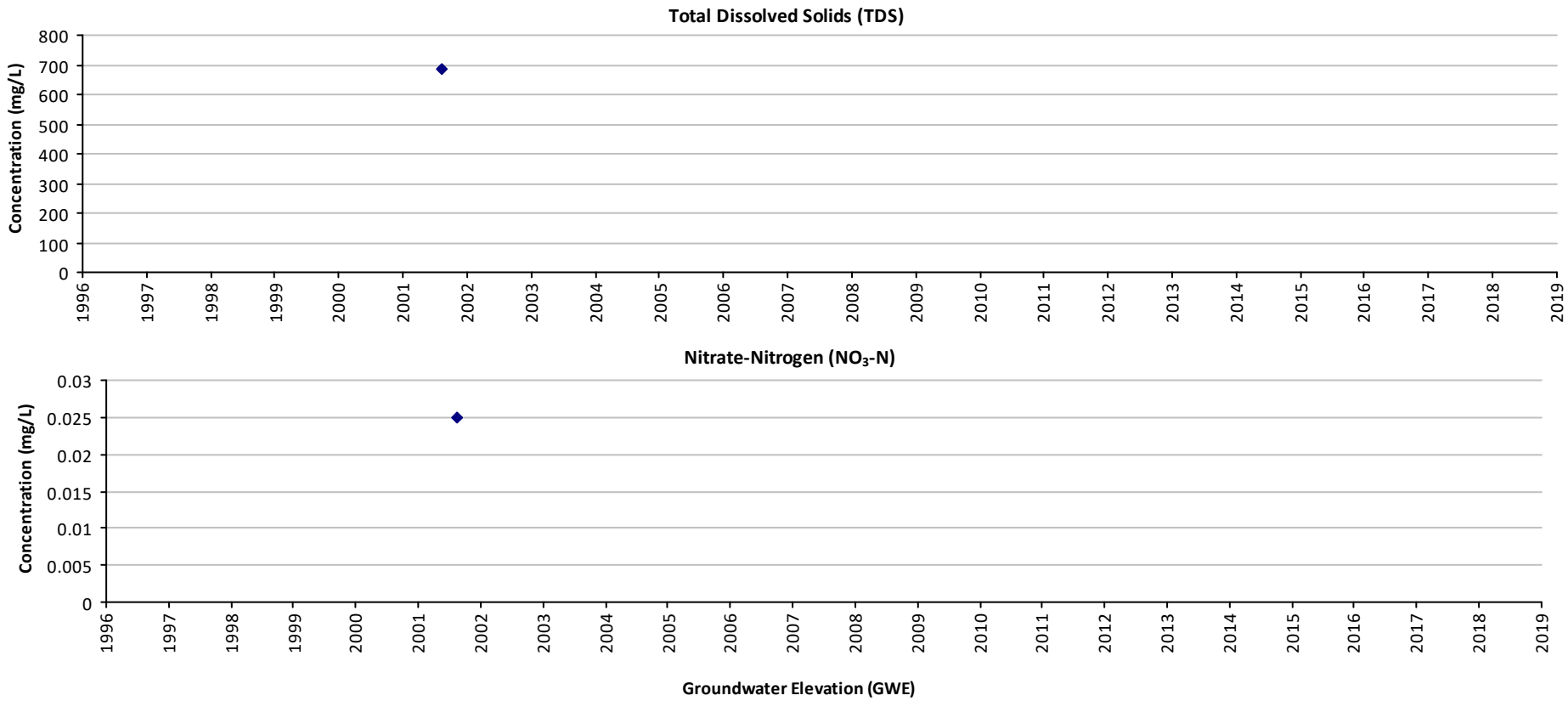

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

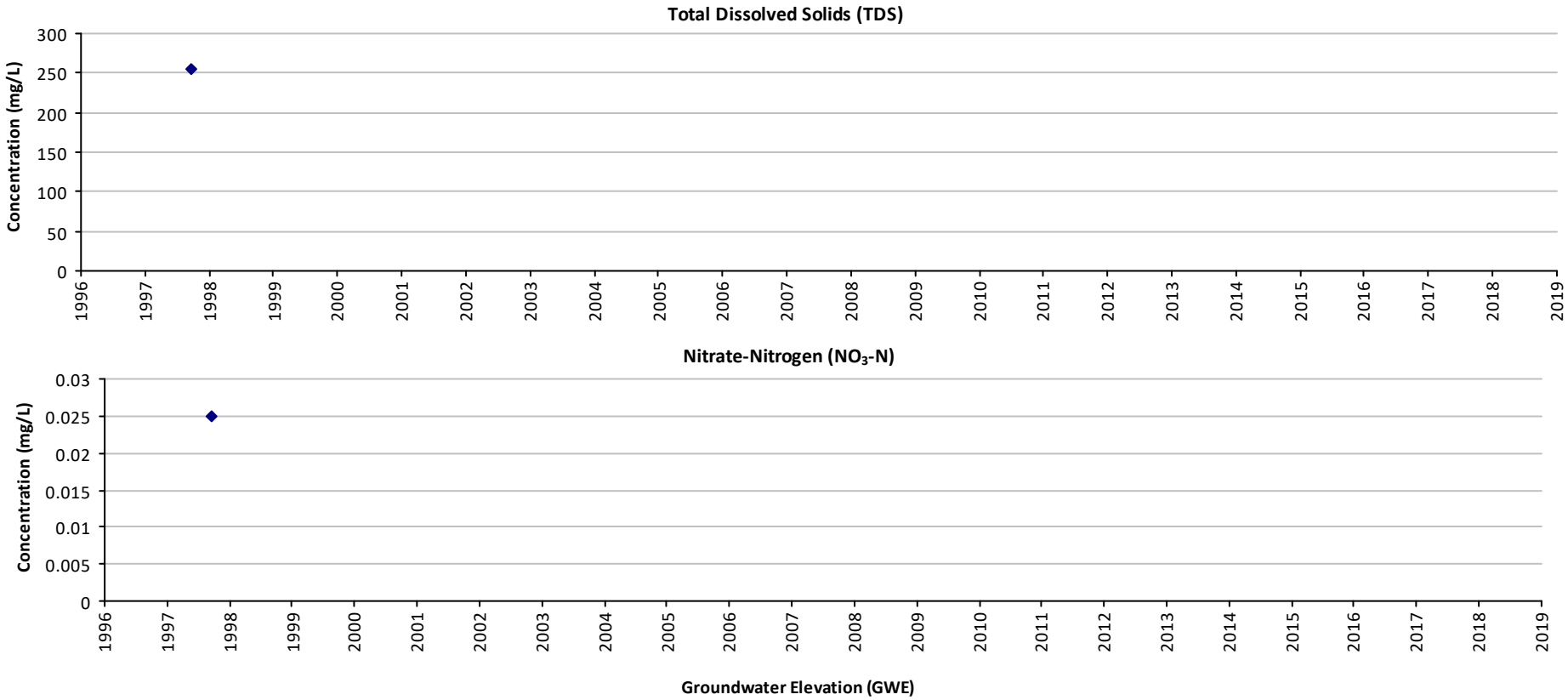

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

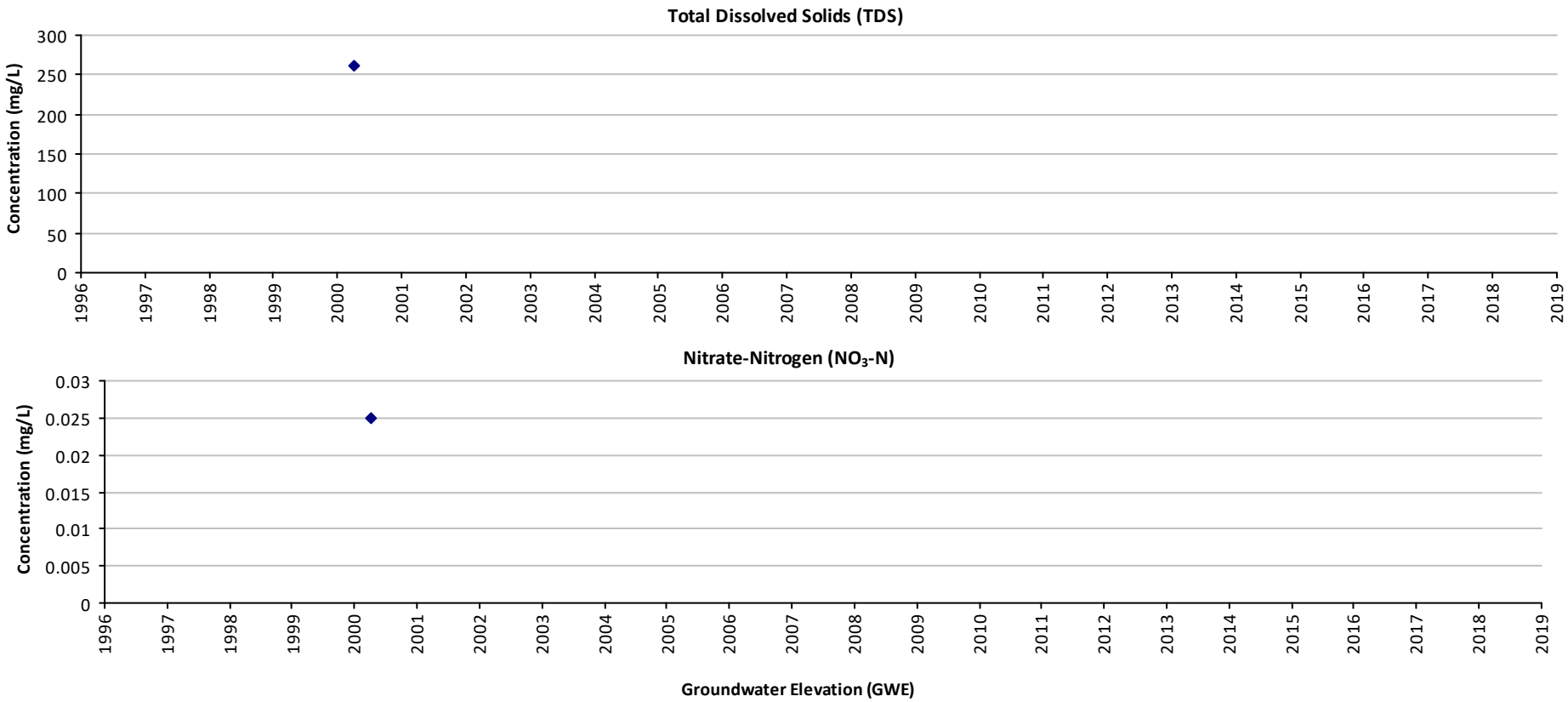

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

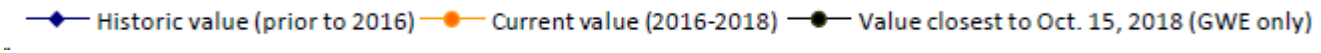

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

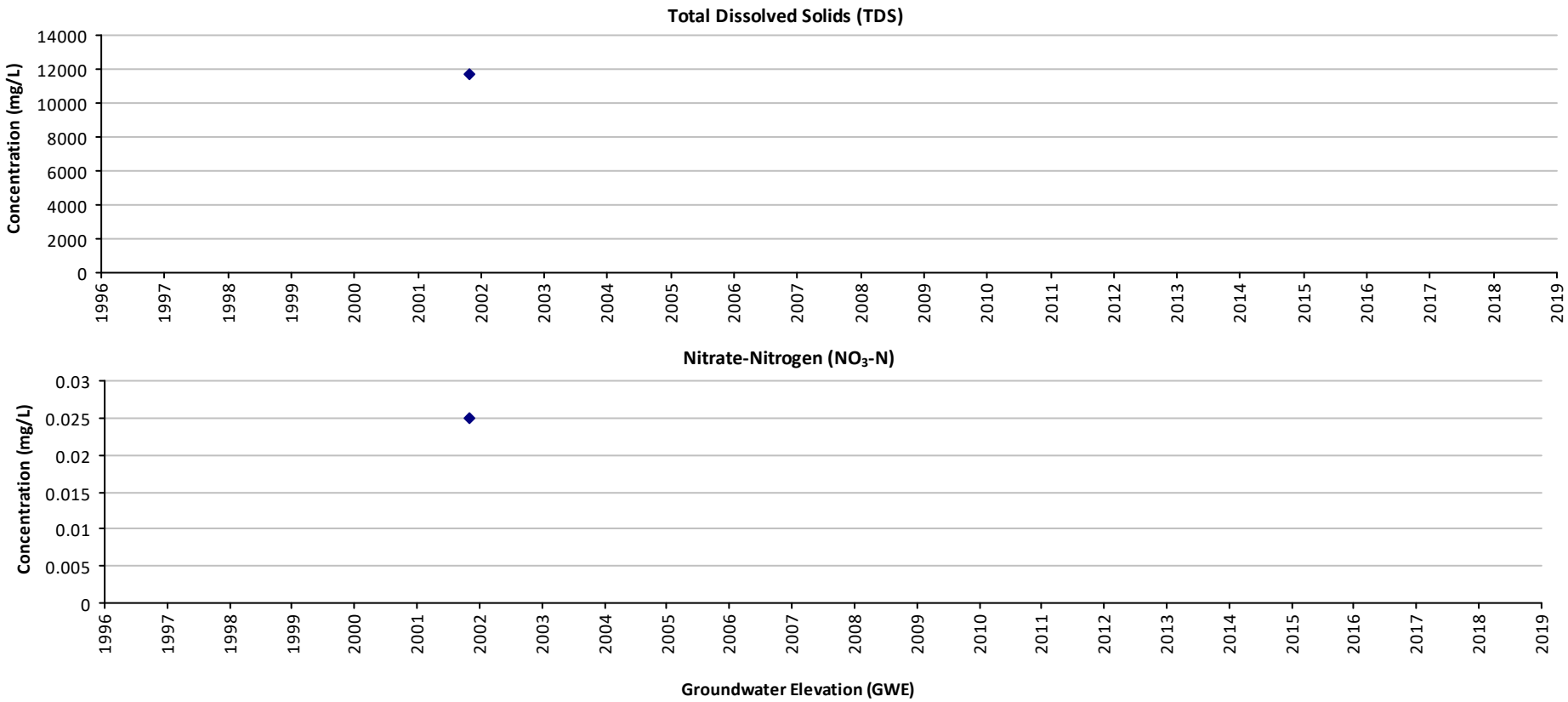

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

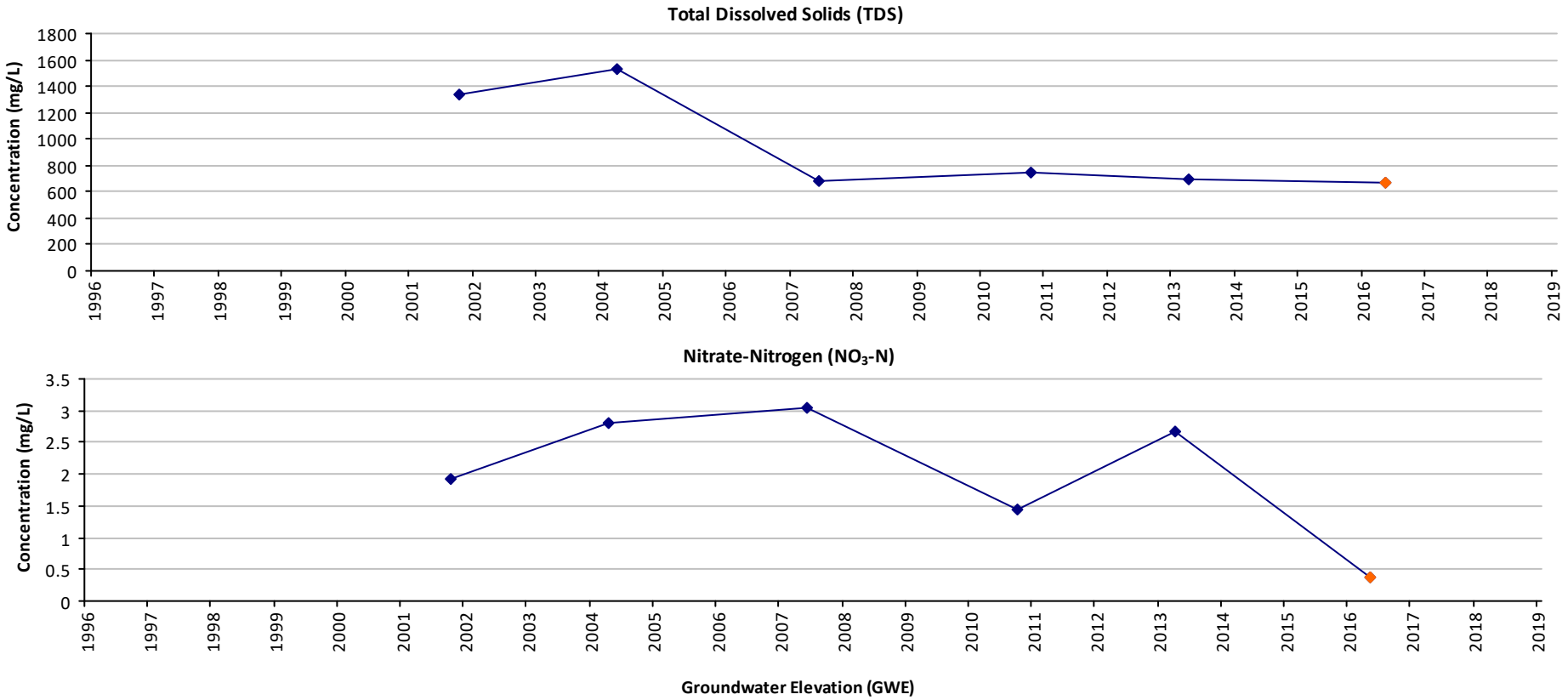
Total Dissolved Solids (TDS)

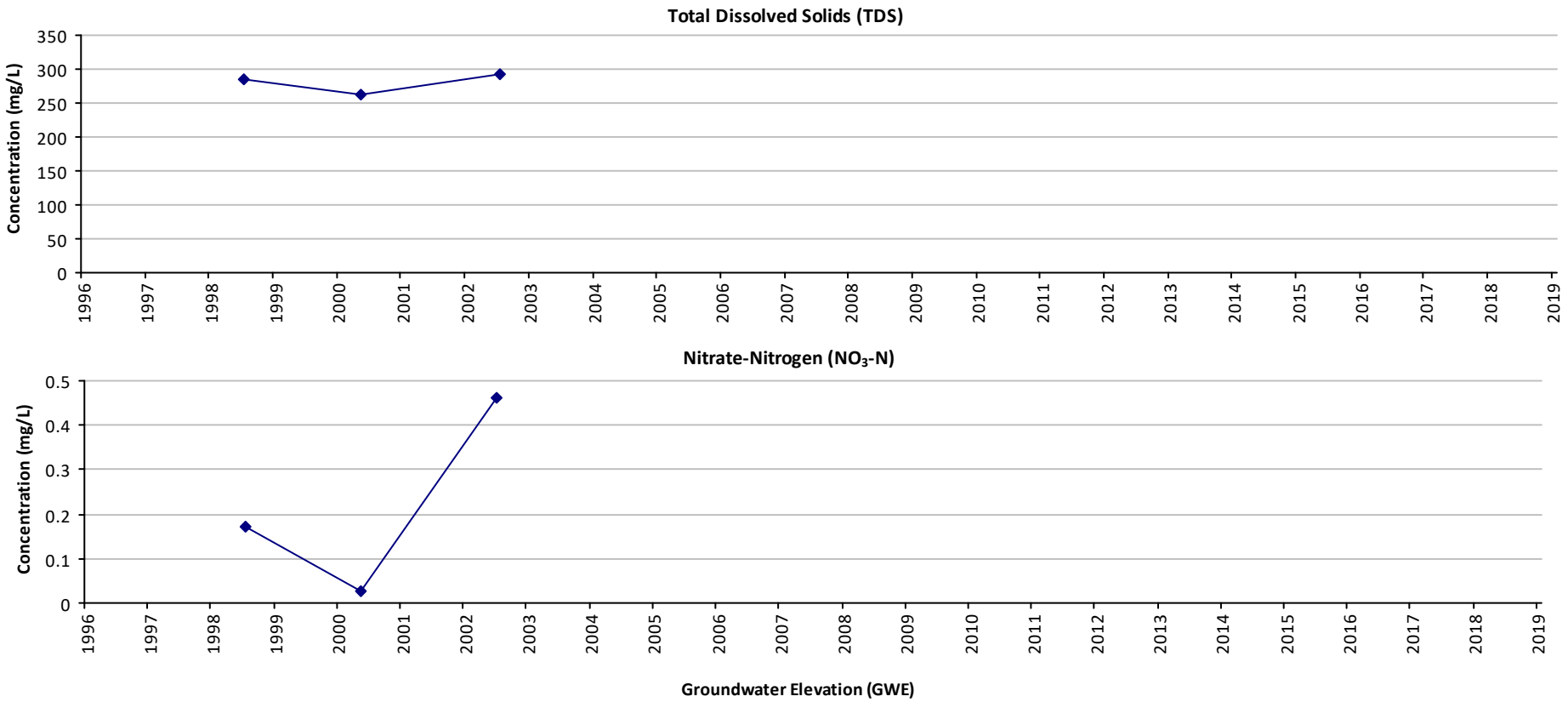
Nitrate-Nitrogen (NO_3-N)

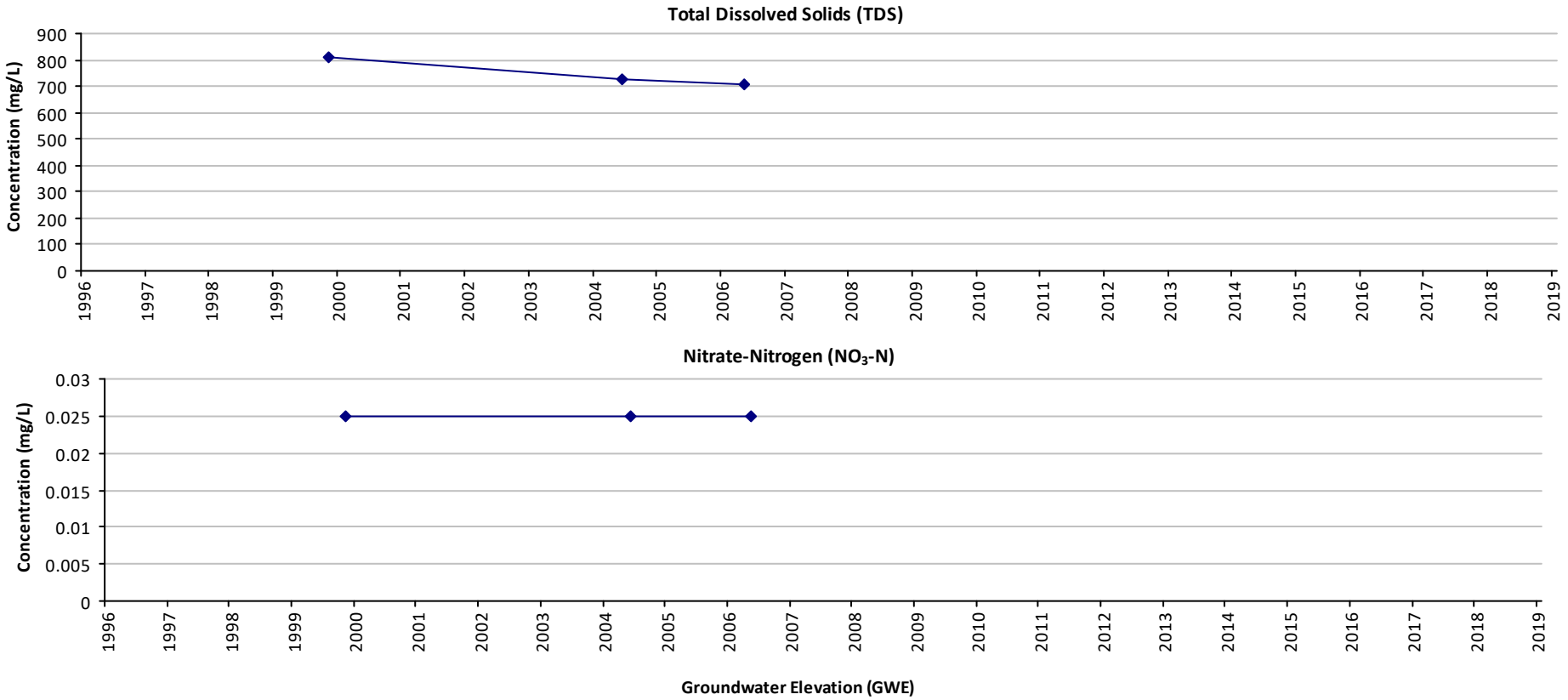
Groundwater Elevation (GWE)

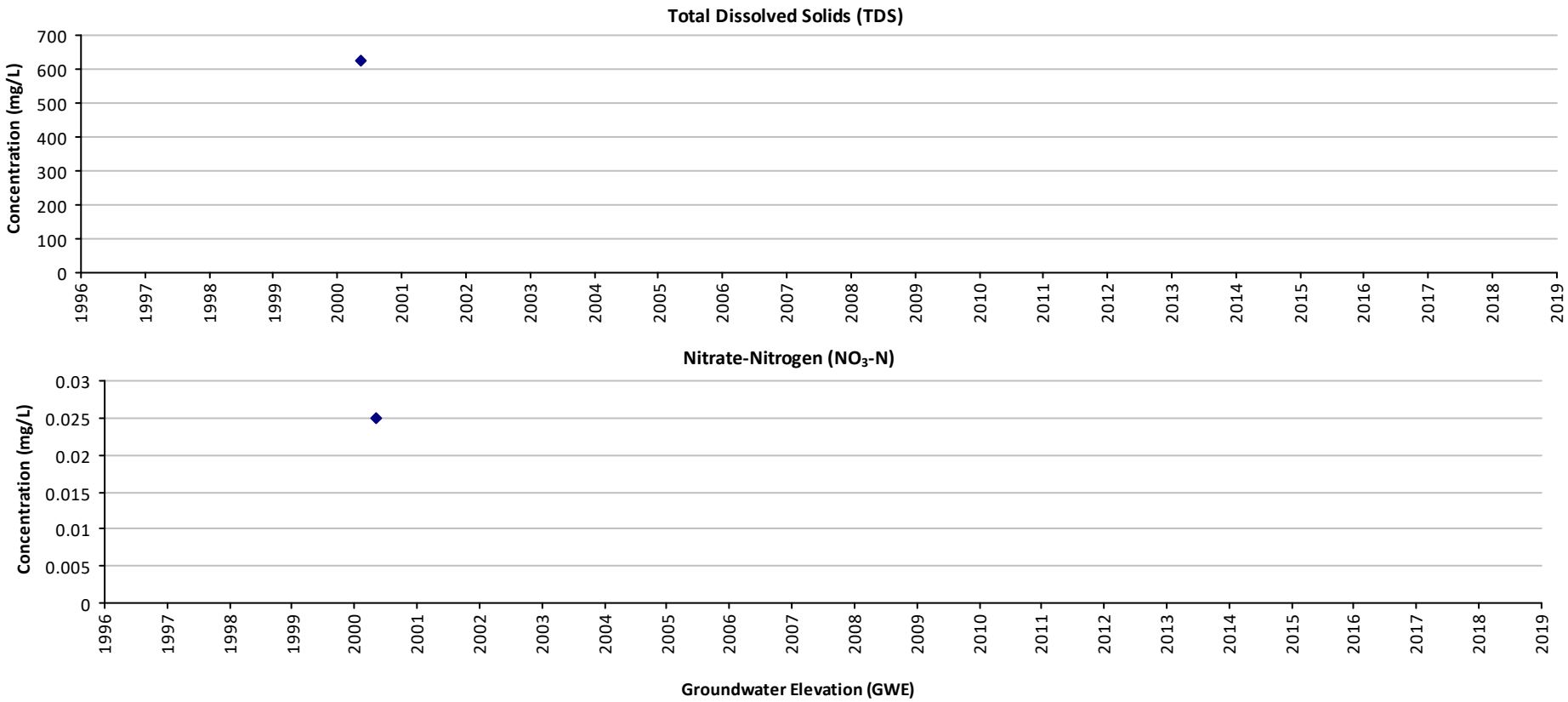


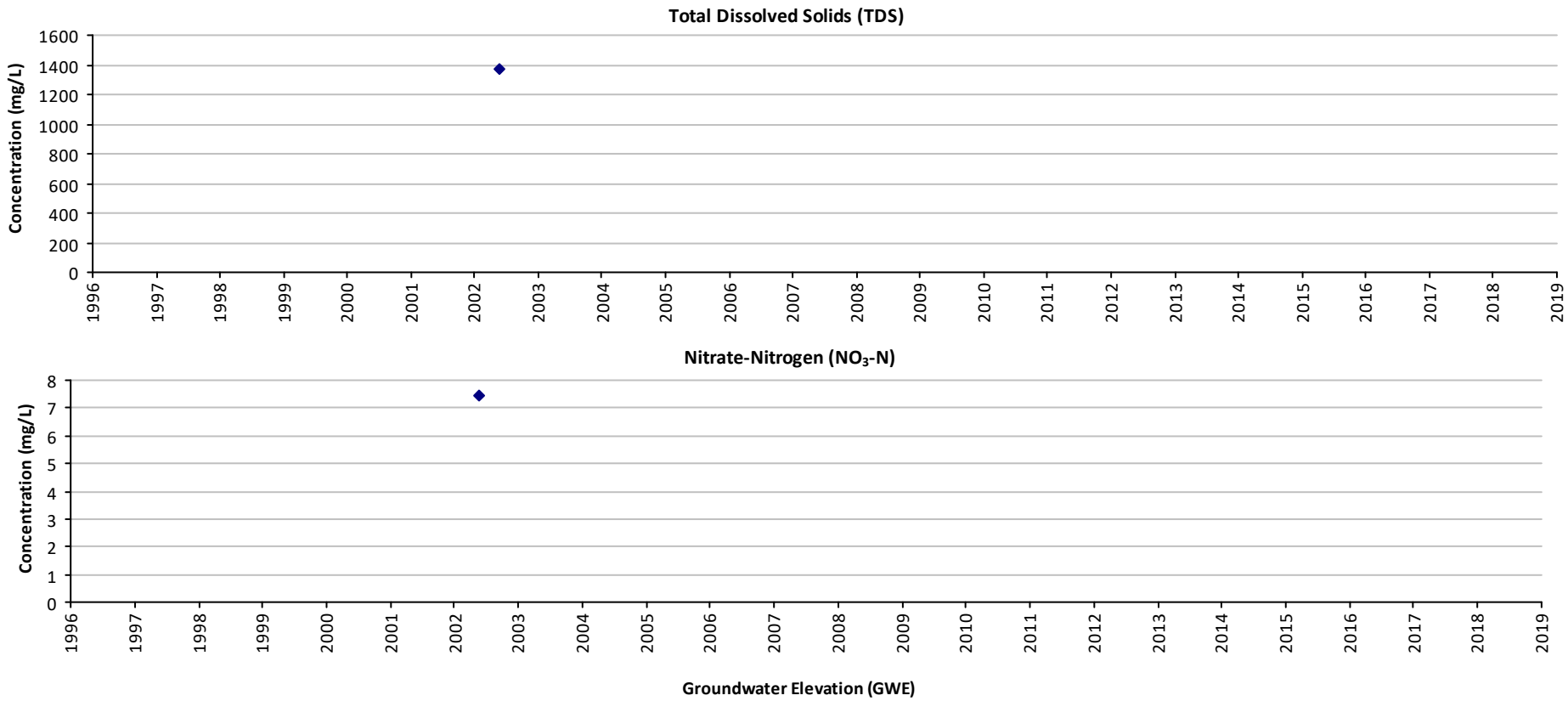

Total Dissolved Solids (TDS)
Concentration (mg/L)
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

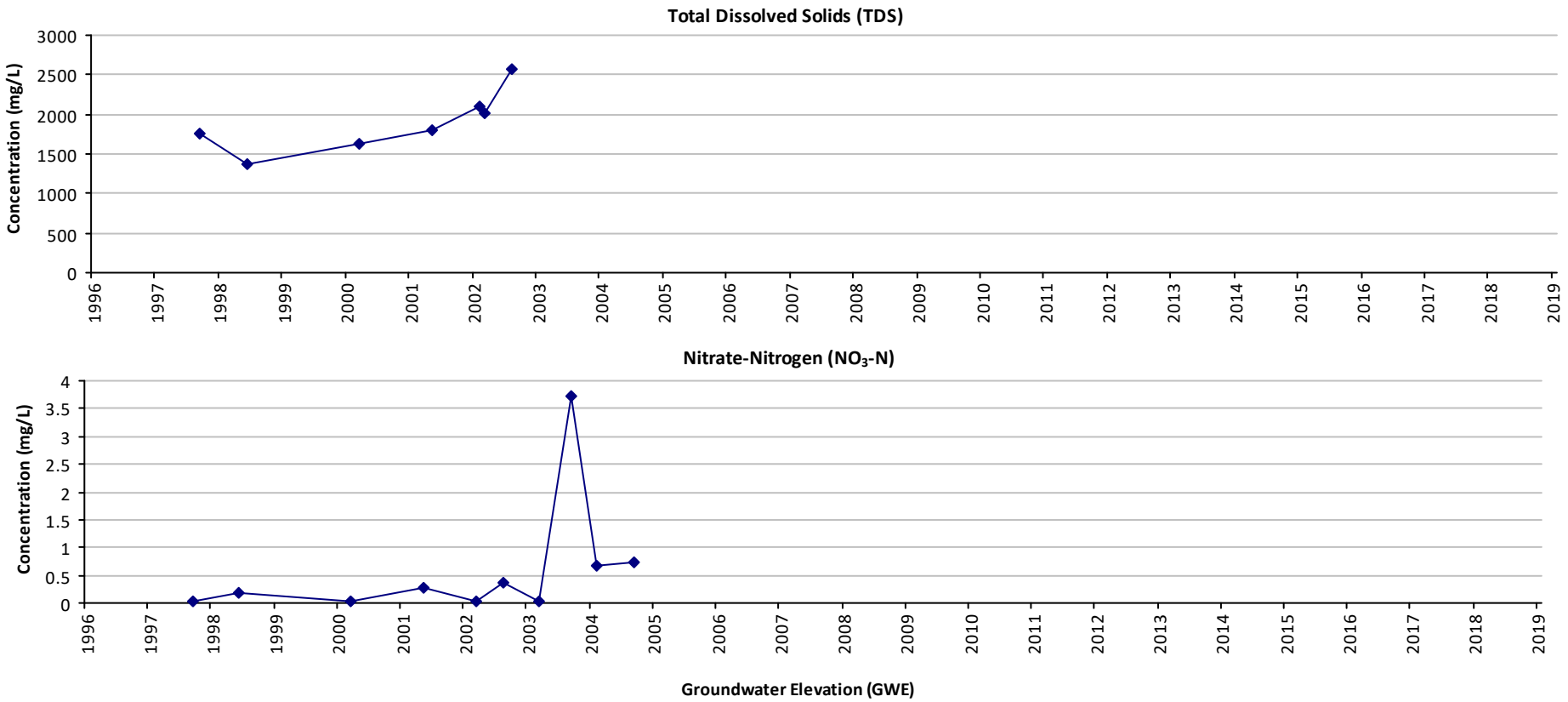

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

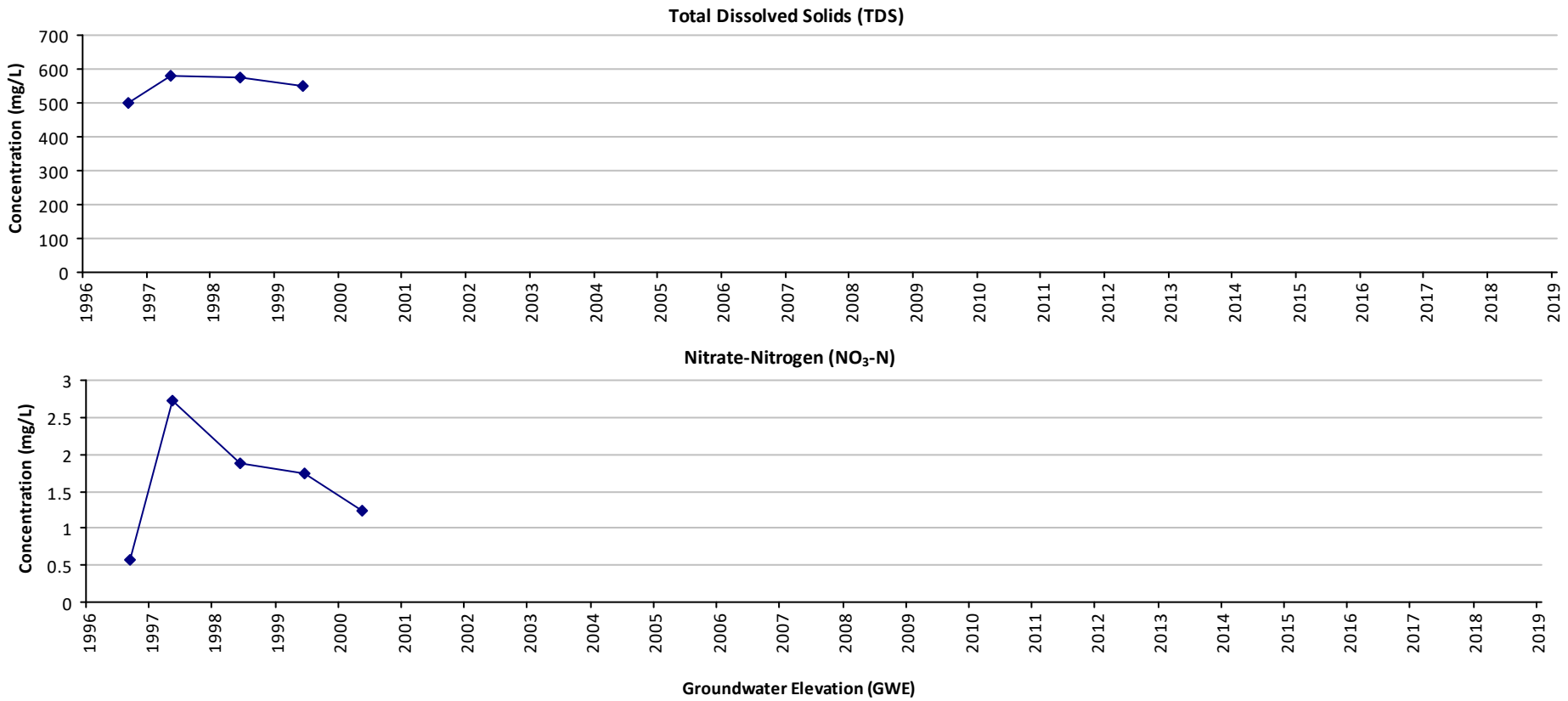

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

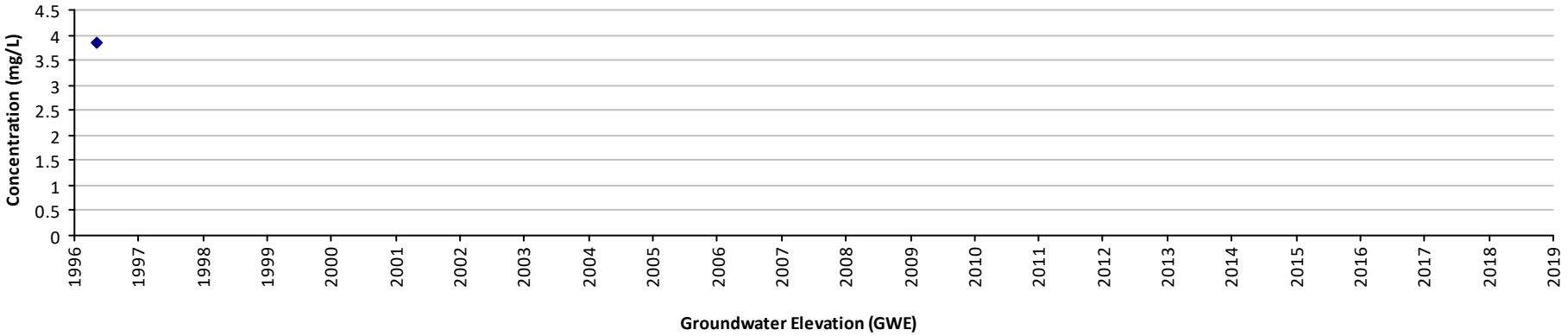

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

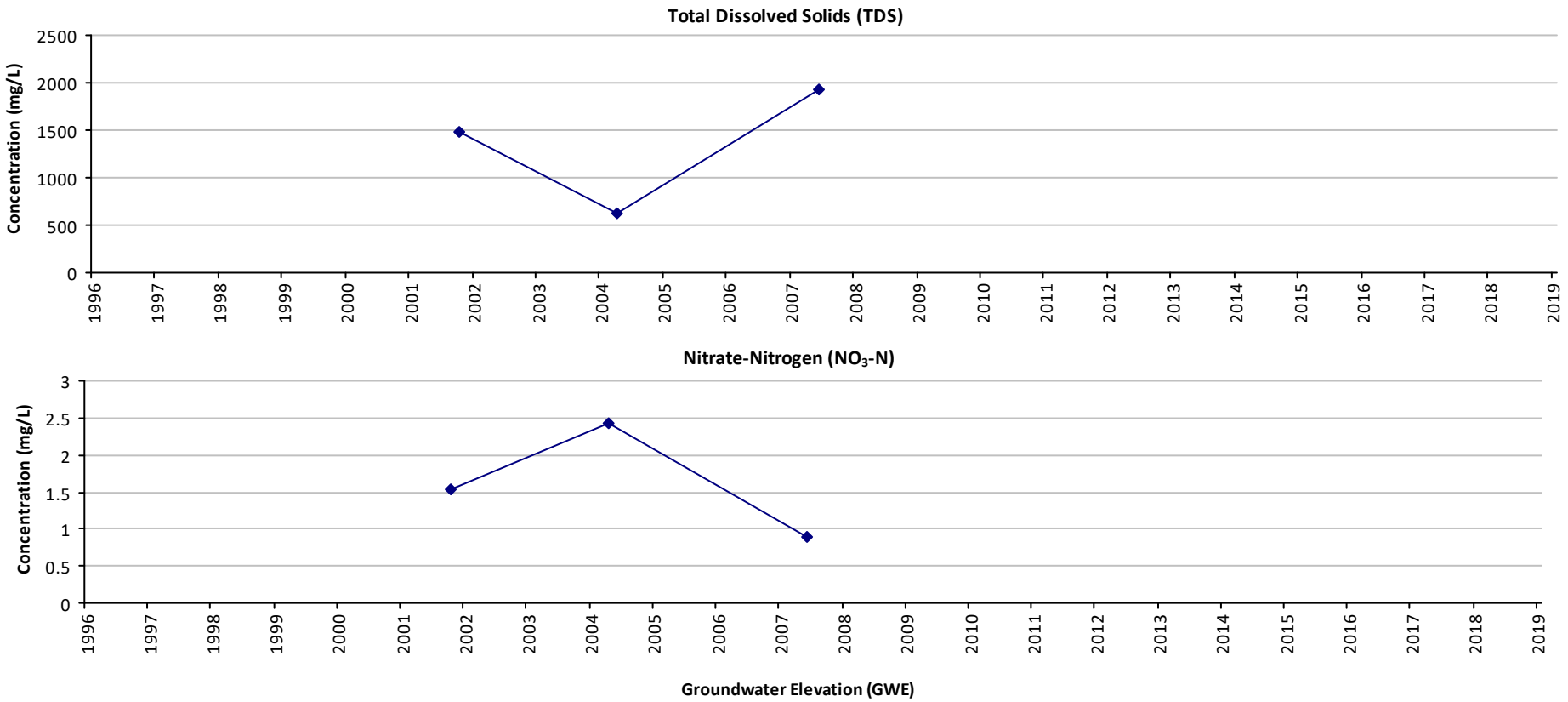

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

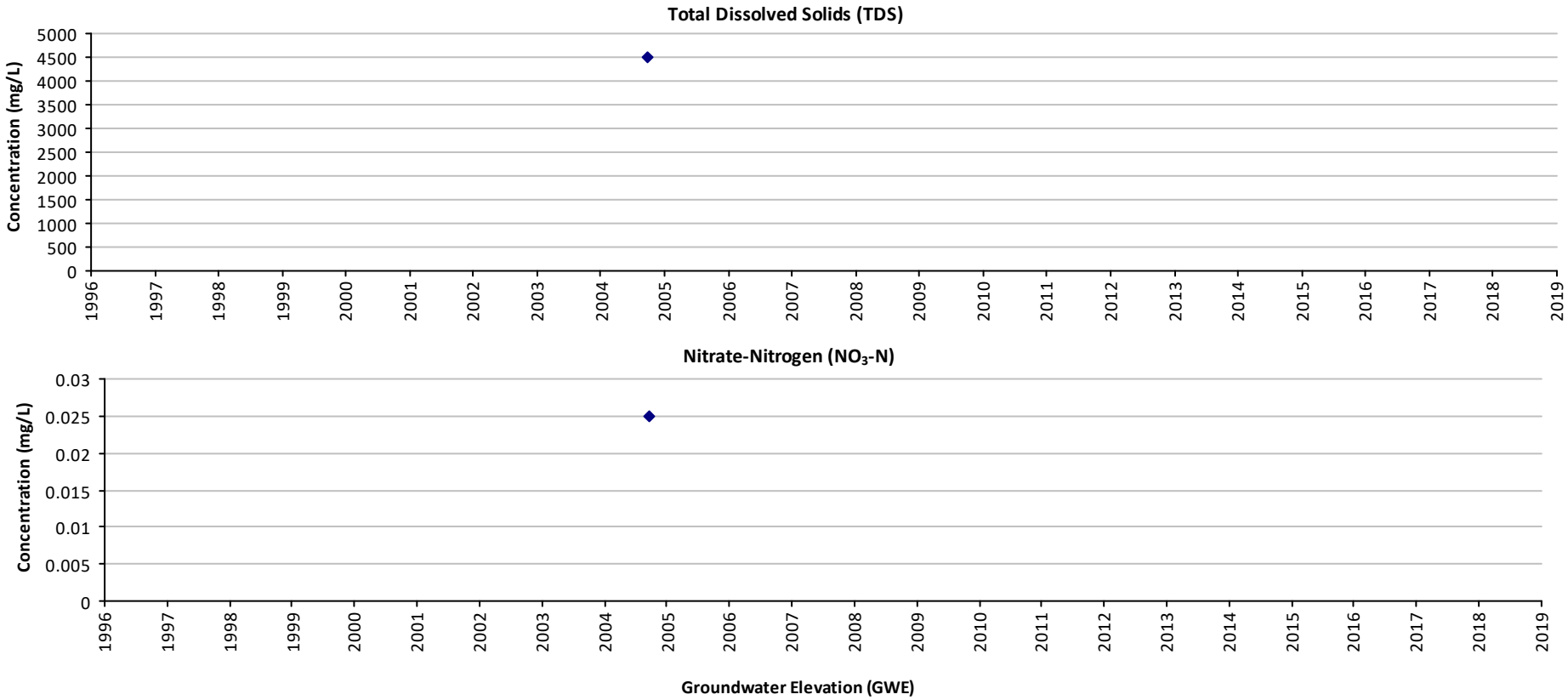
Total Dissolved Solids (TDS)

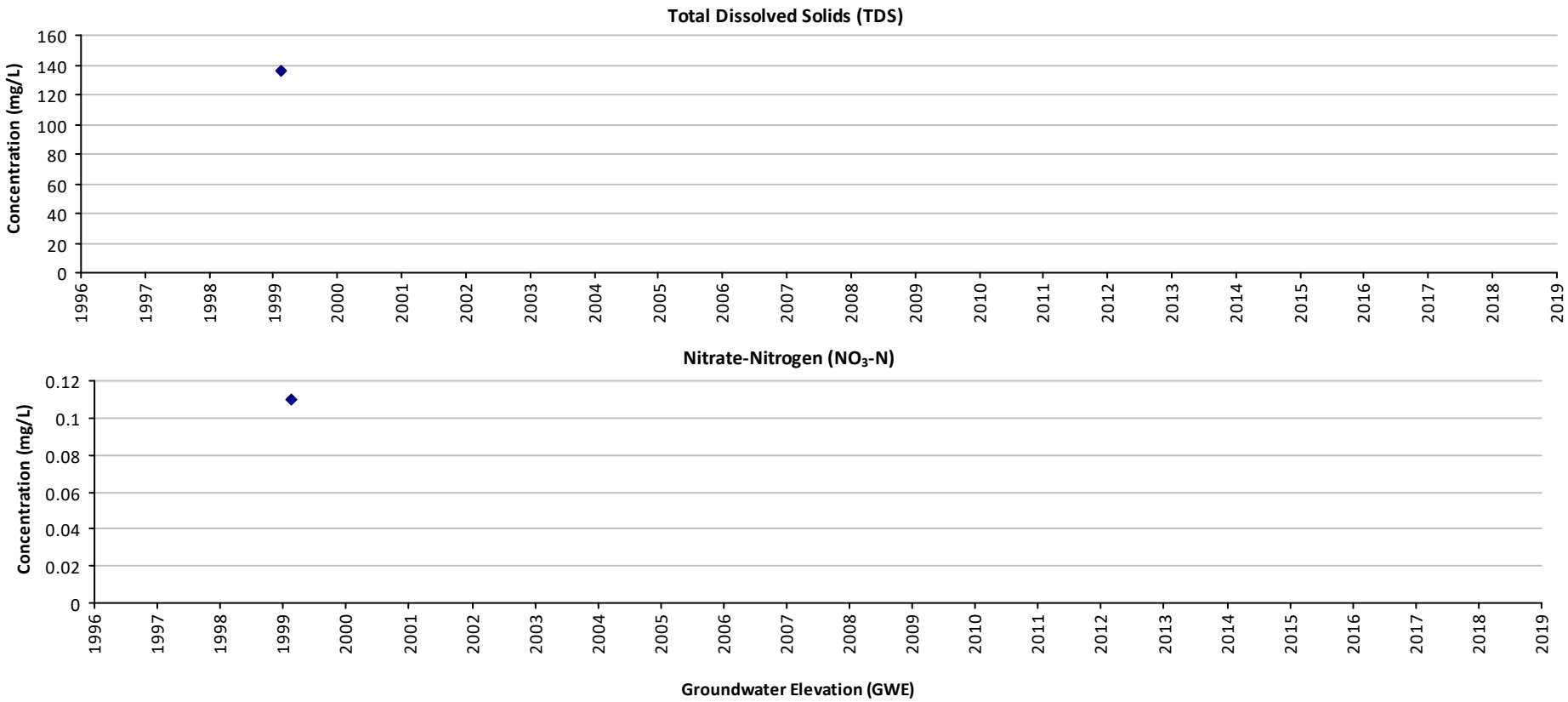
Nitrate-Nitrogen (NO_3-N)

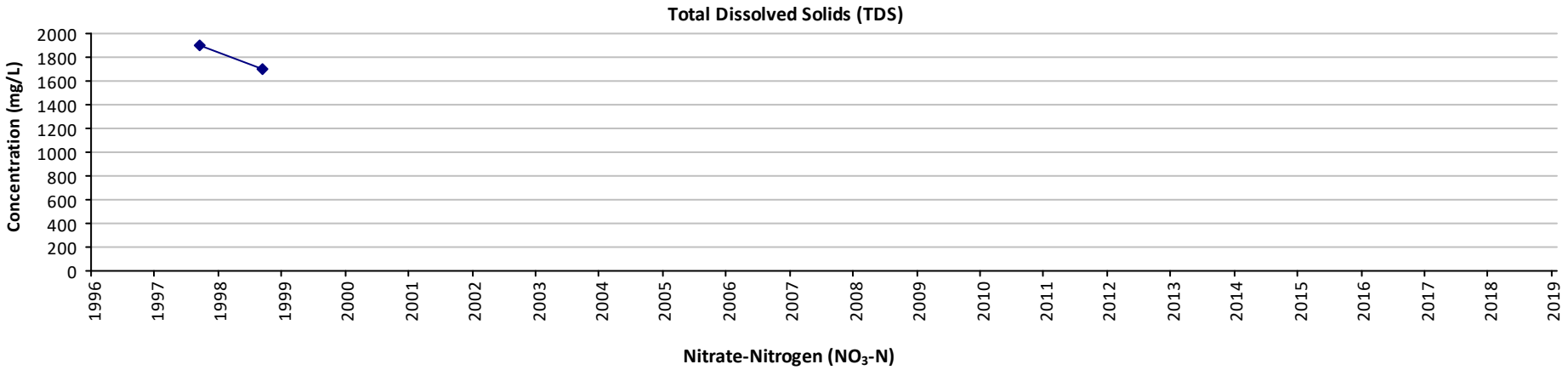


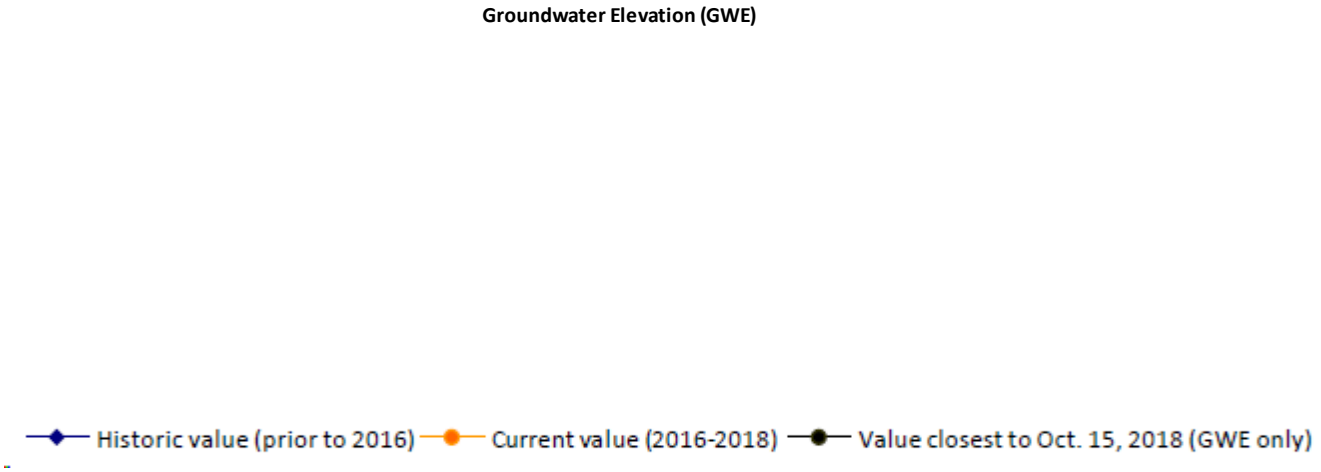
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

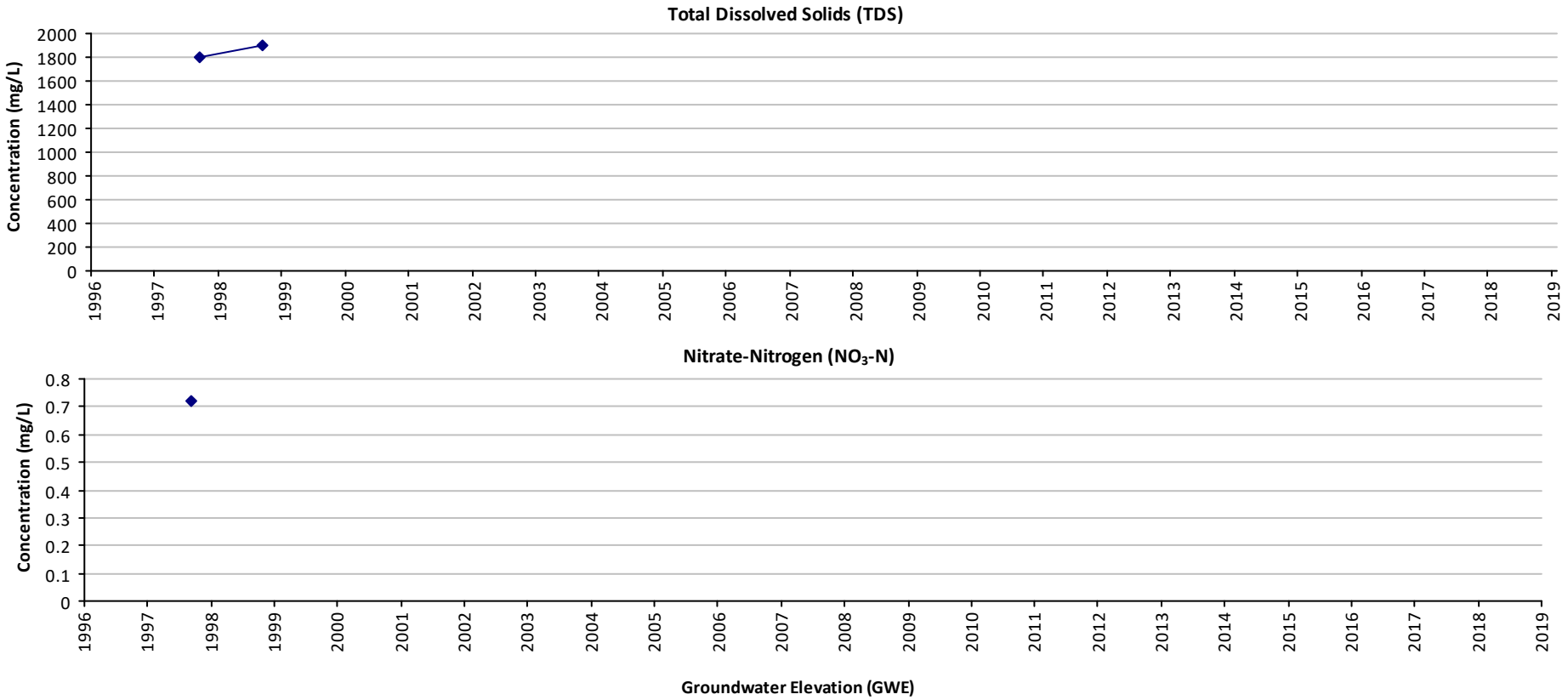

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

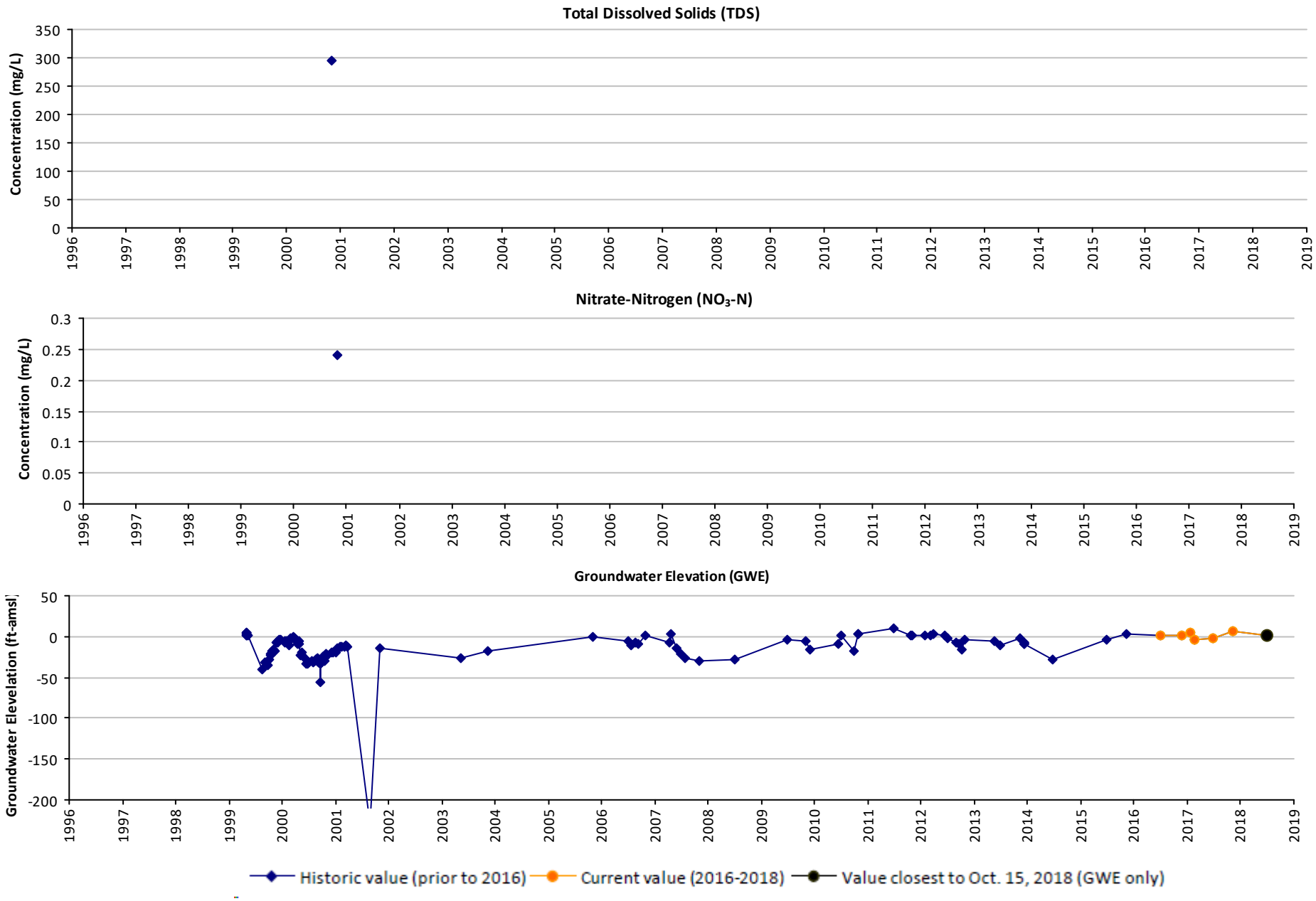

Total Dissolved Solids (TDS)
Concentration (mg/L)
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

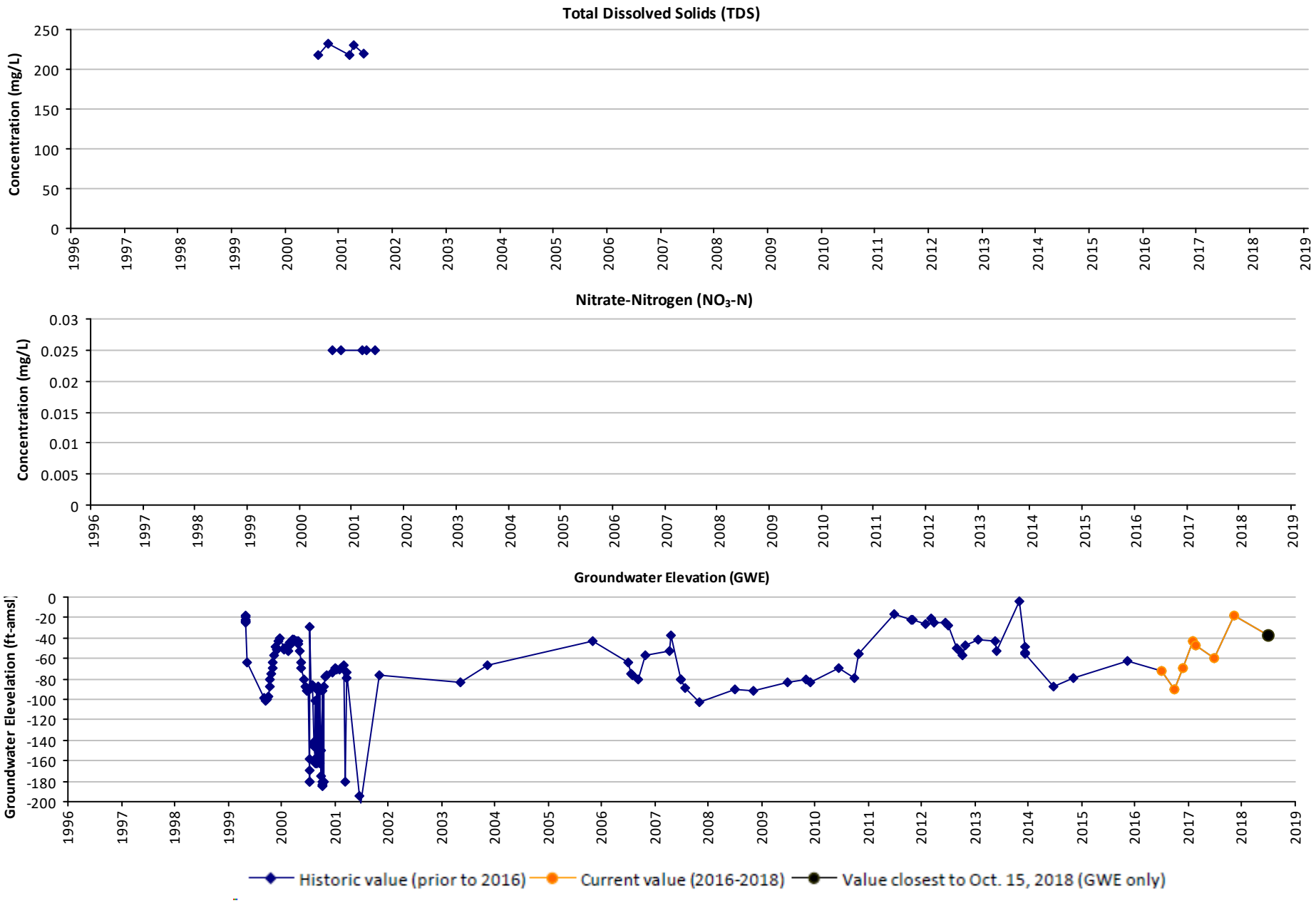

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

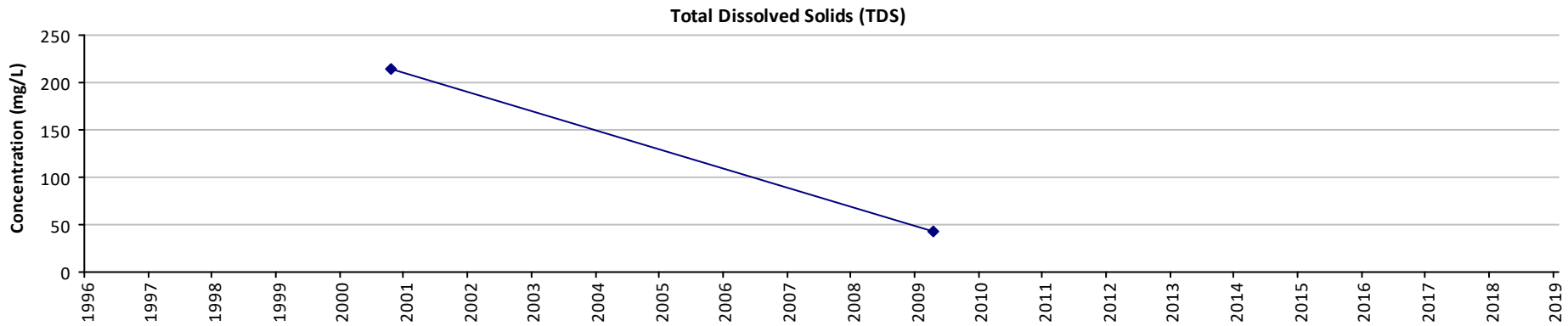

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

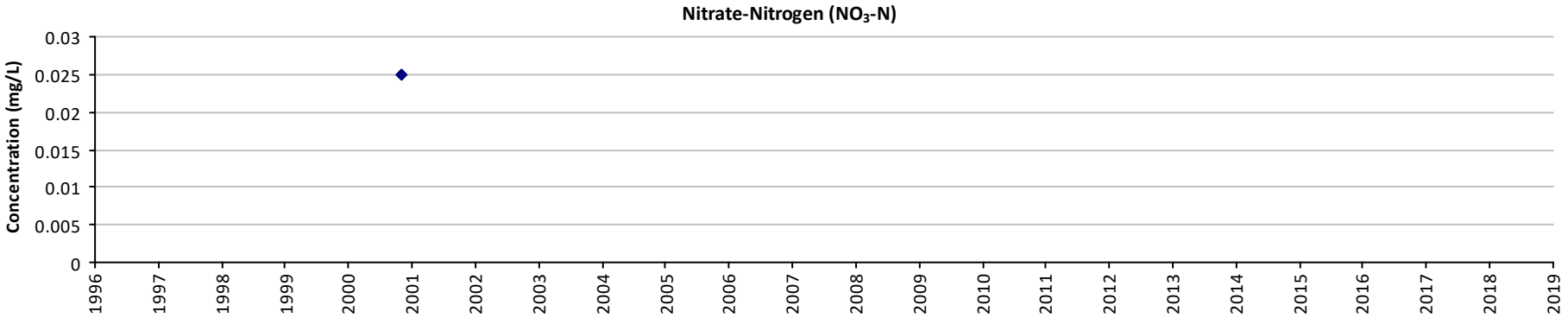
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

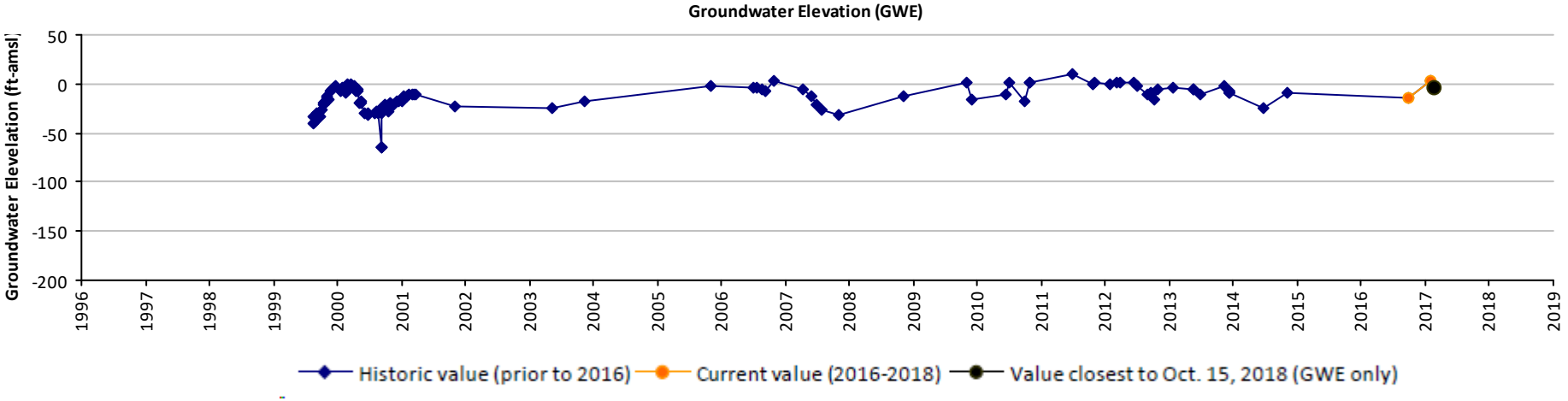

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

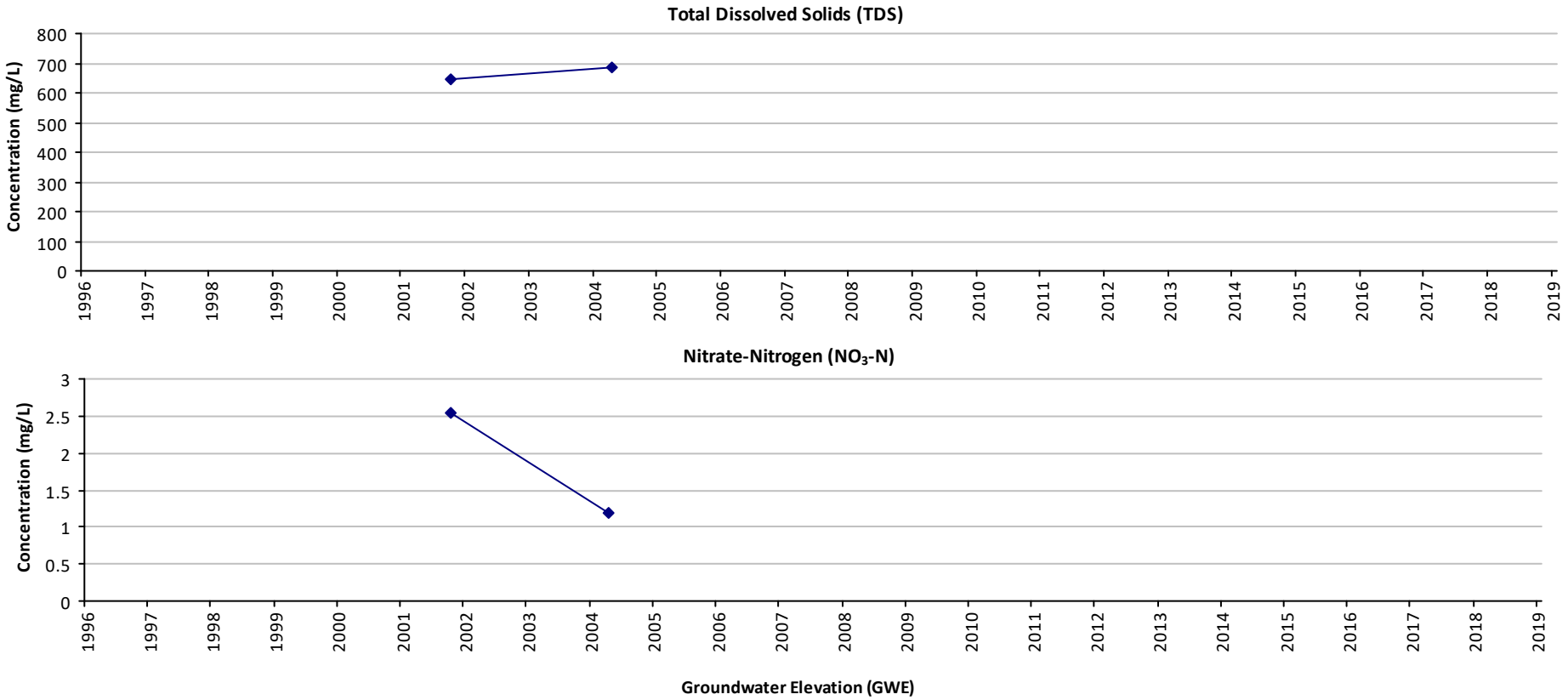

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

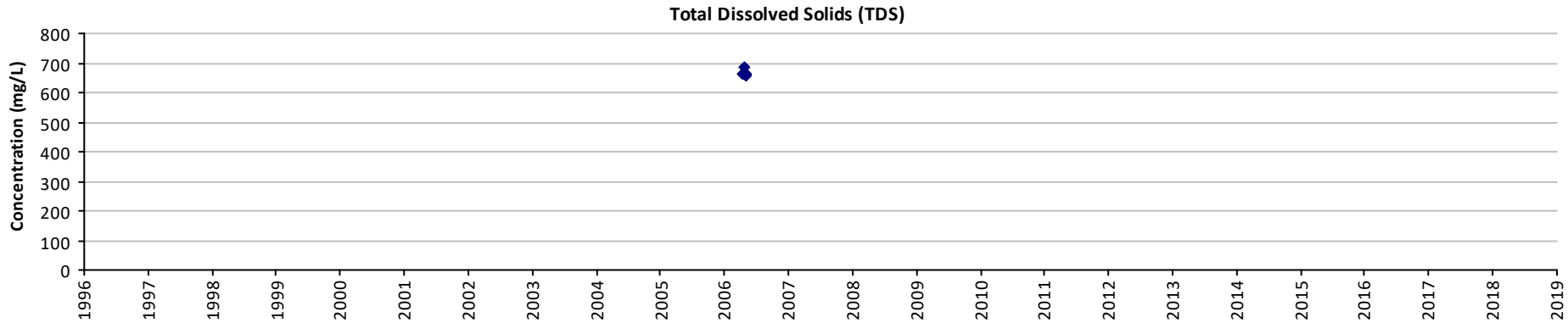

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

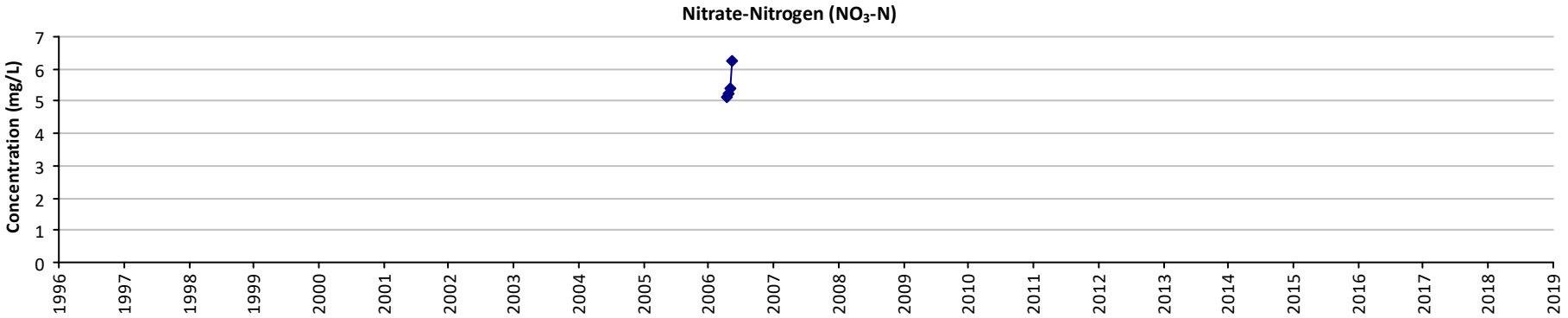

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

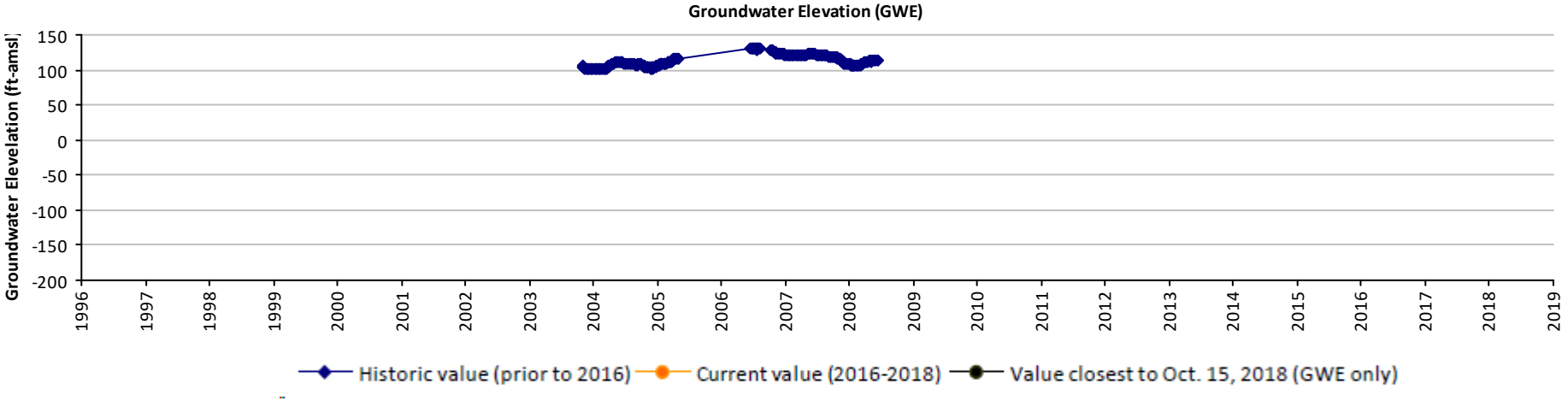

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

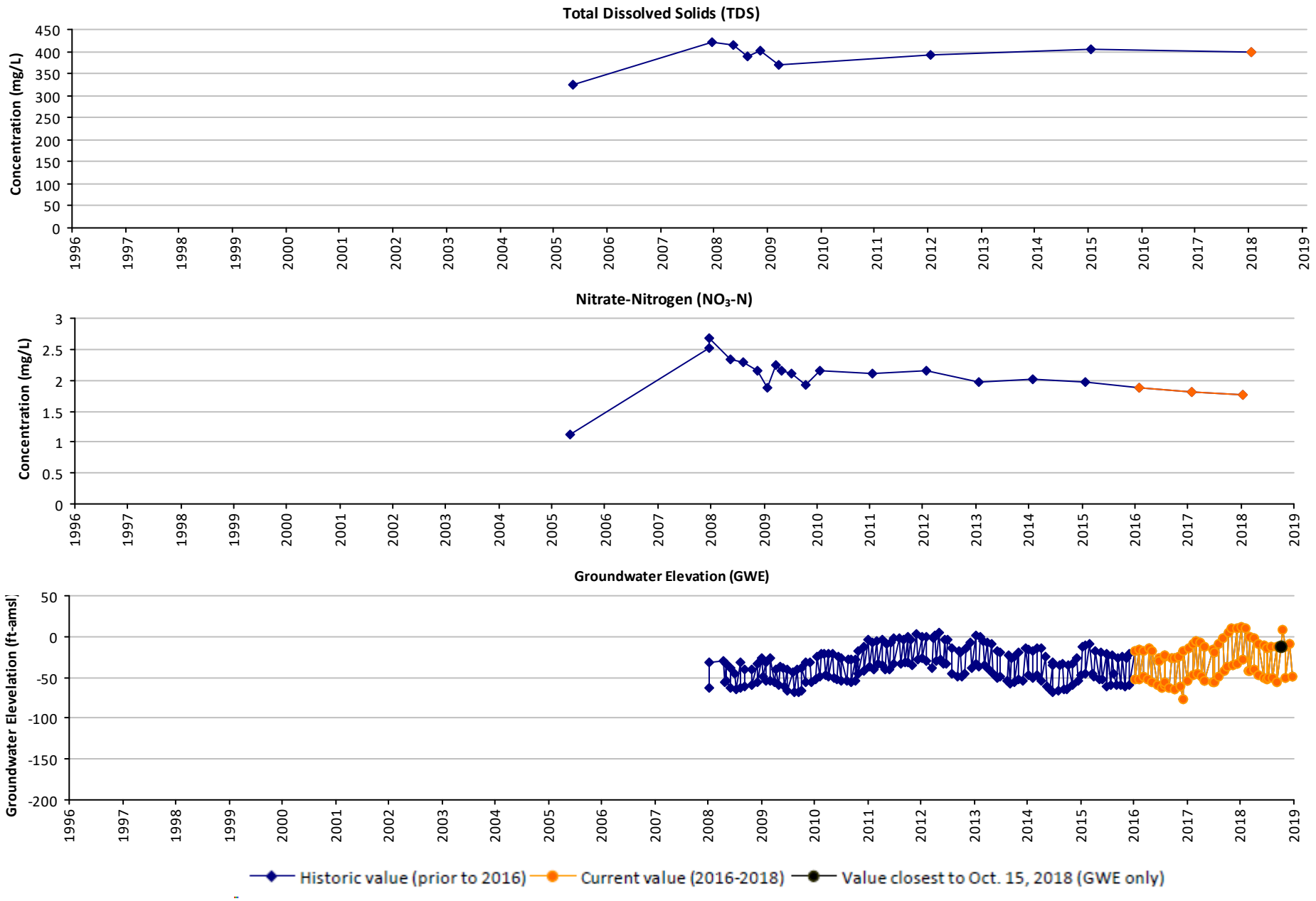
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

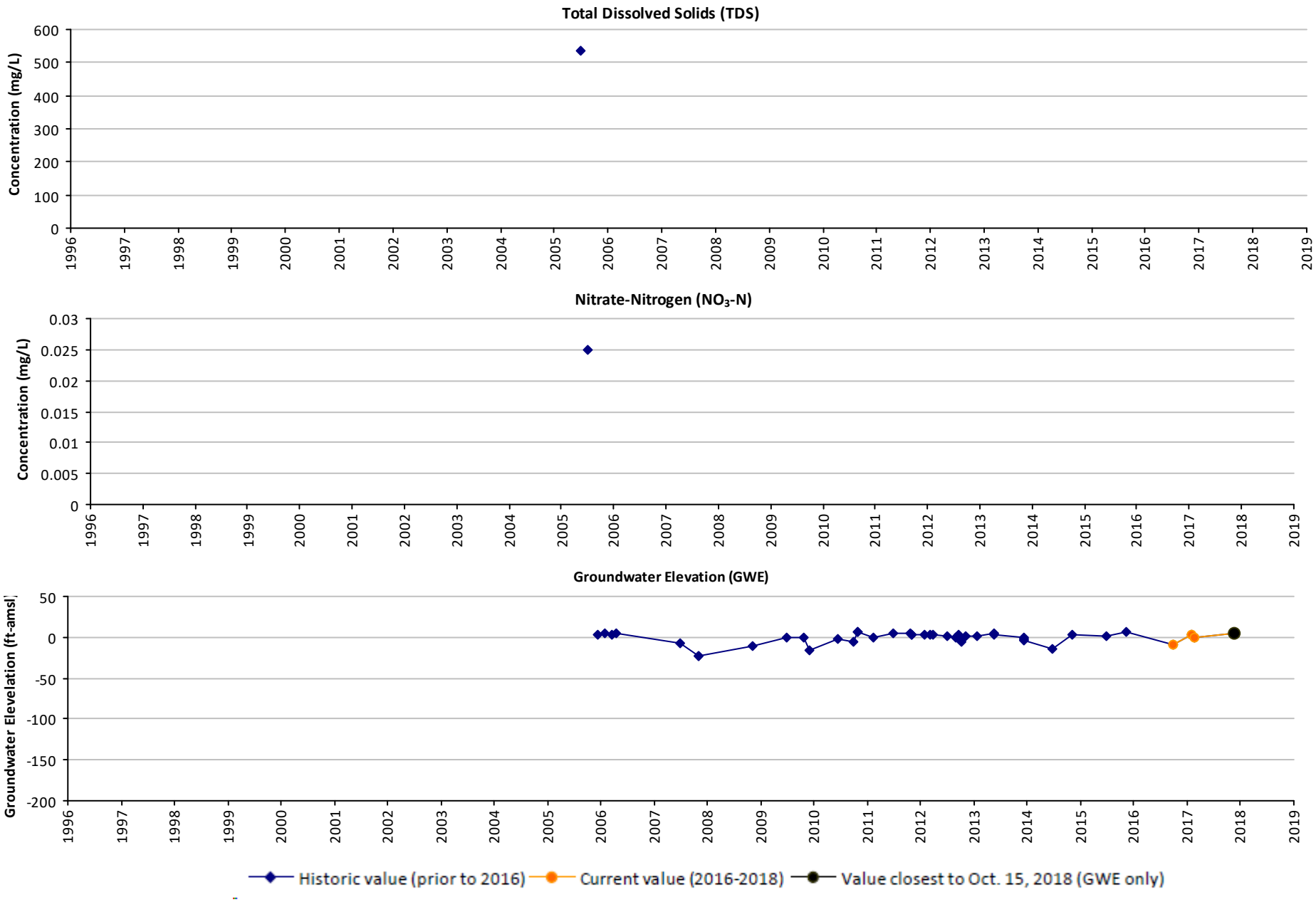

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

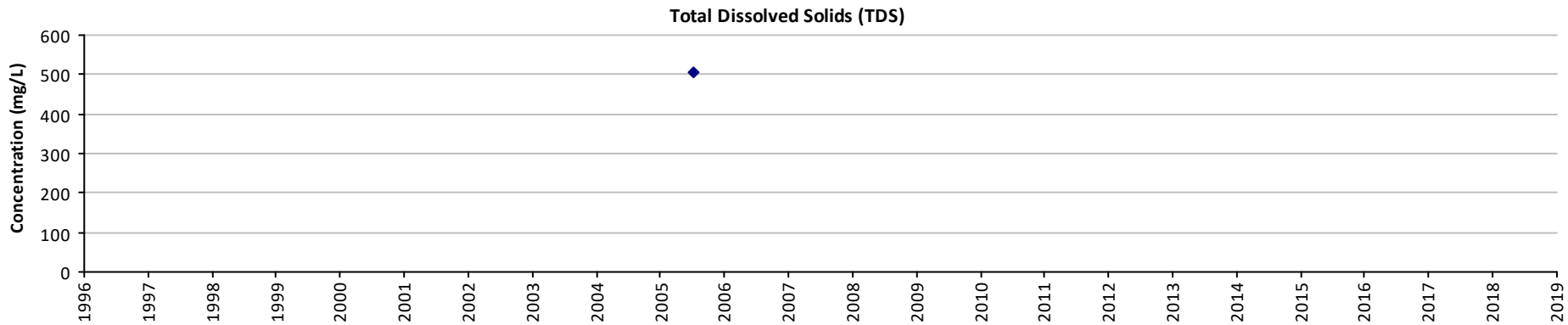

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

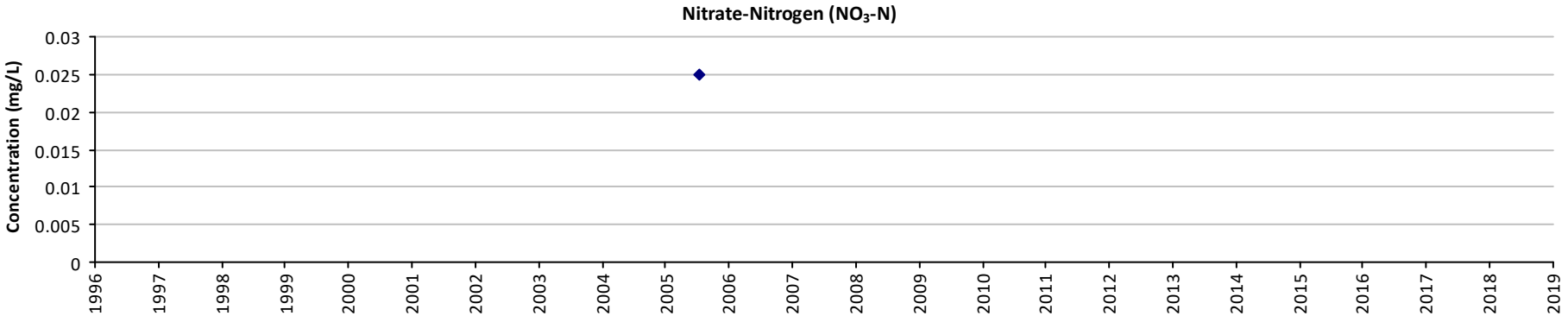

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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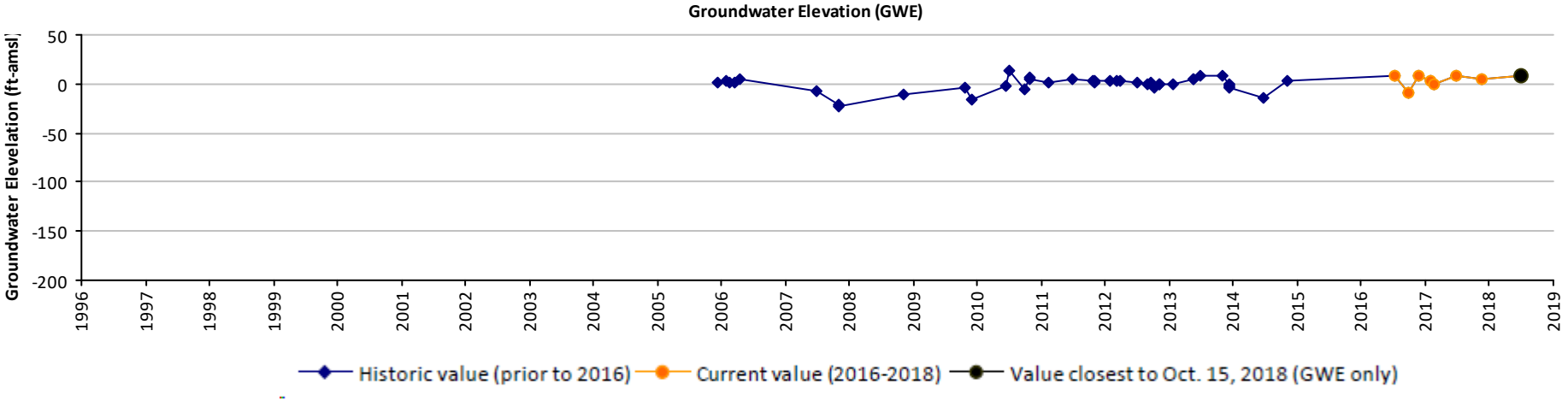
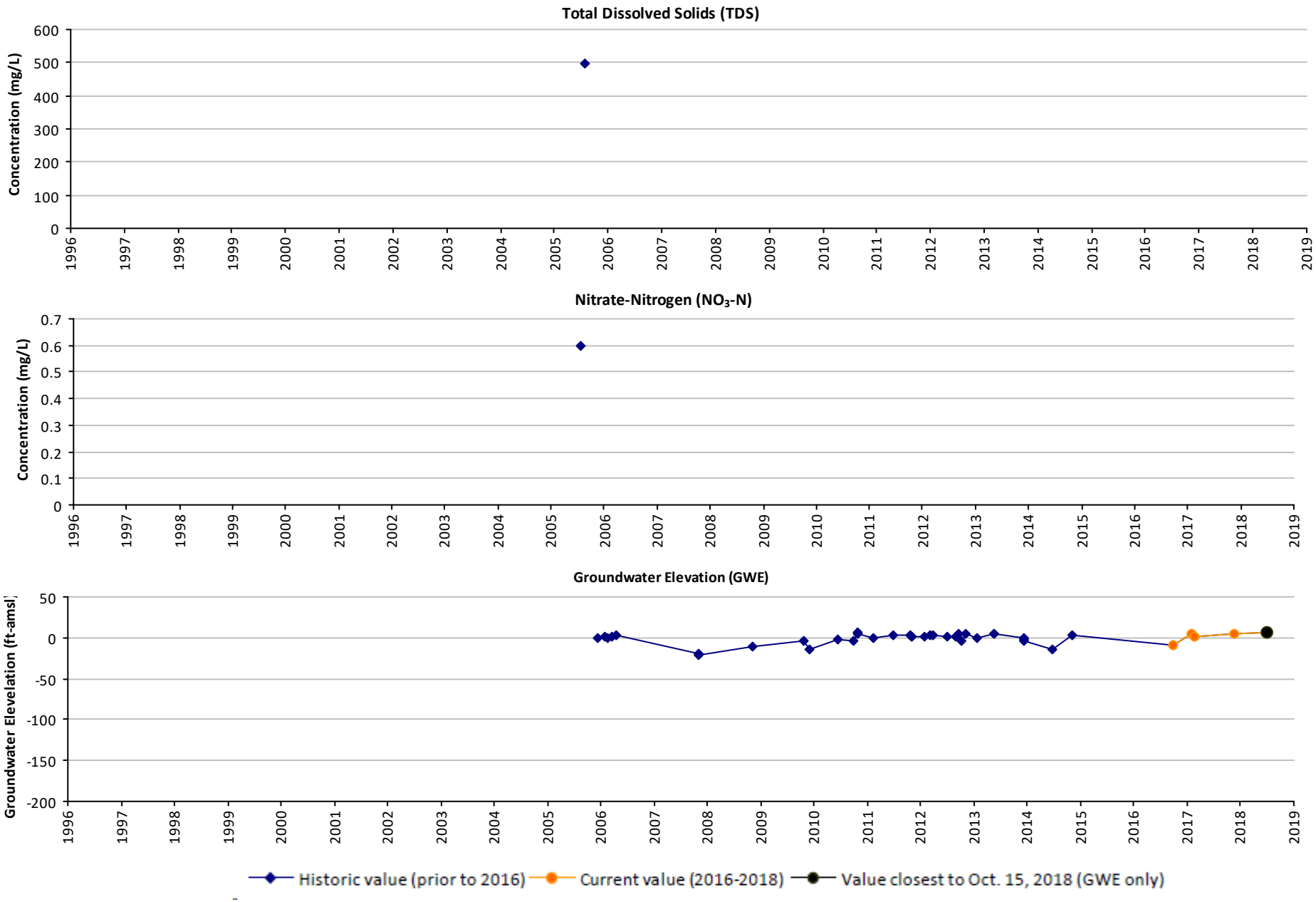
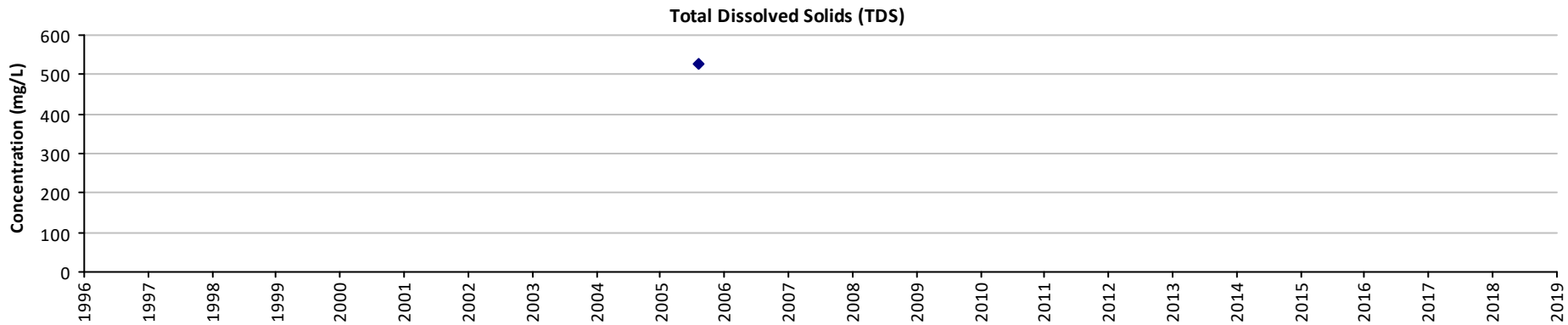
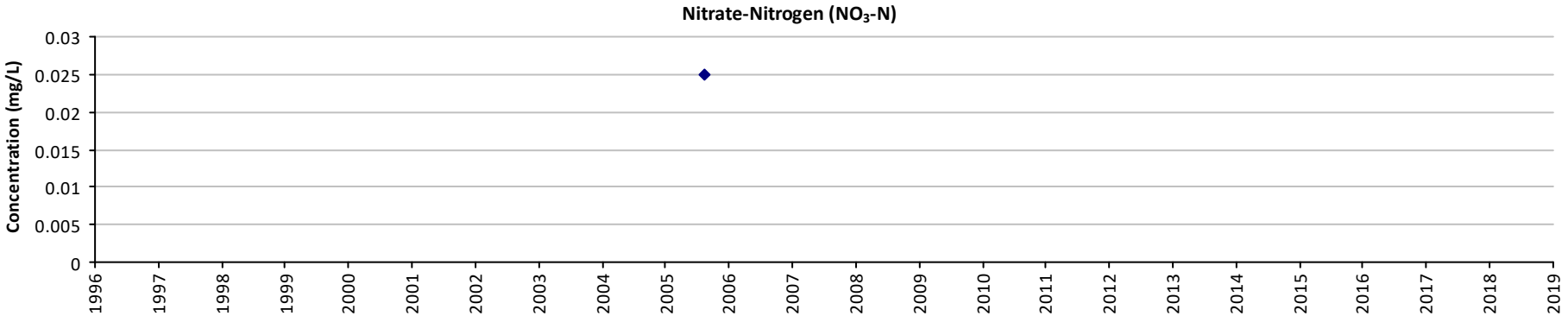
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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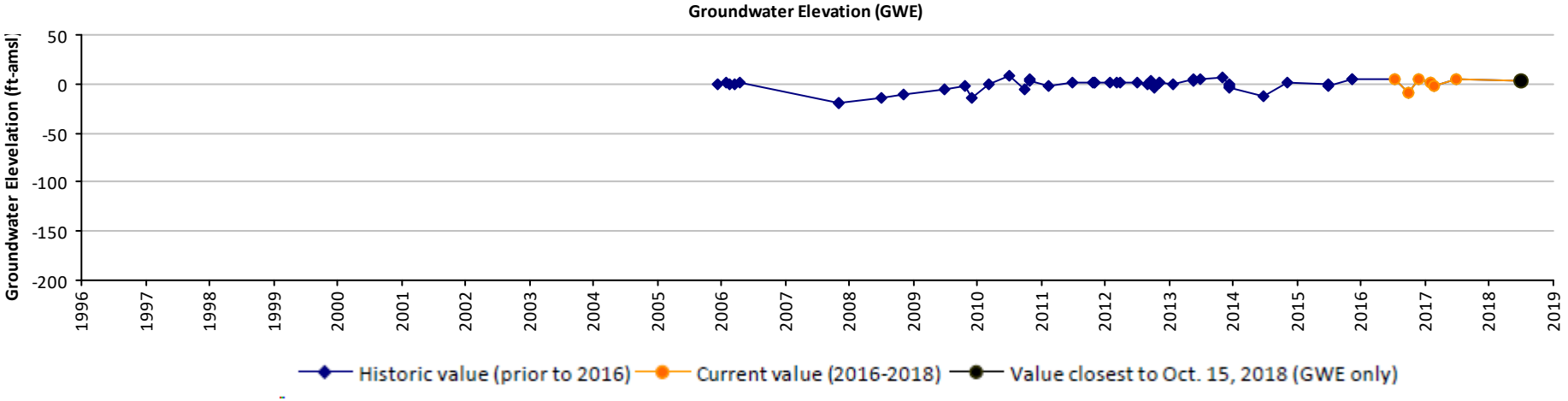
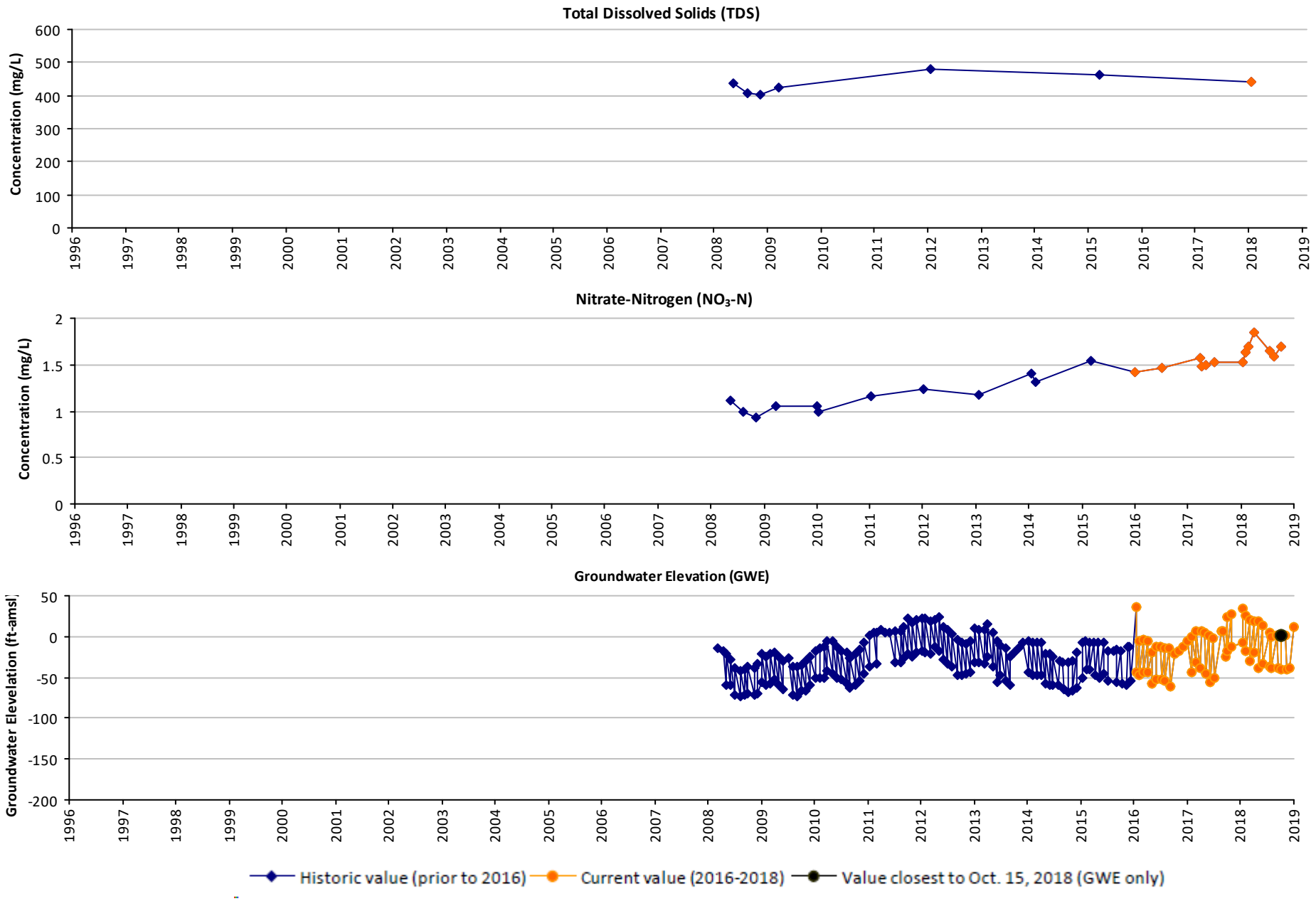
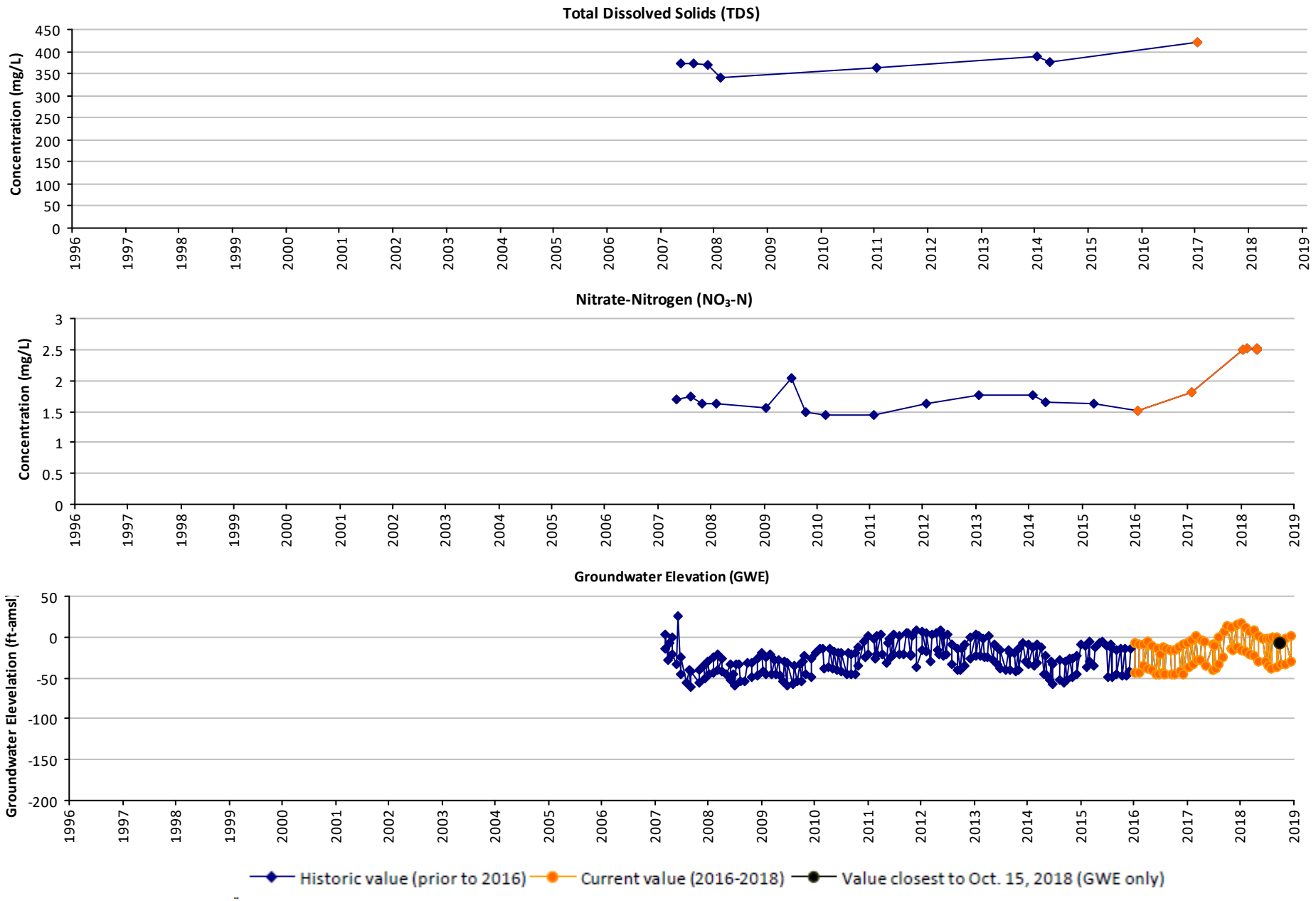
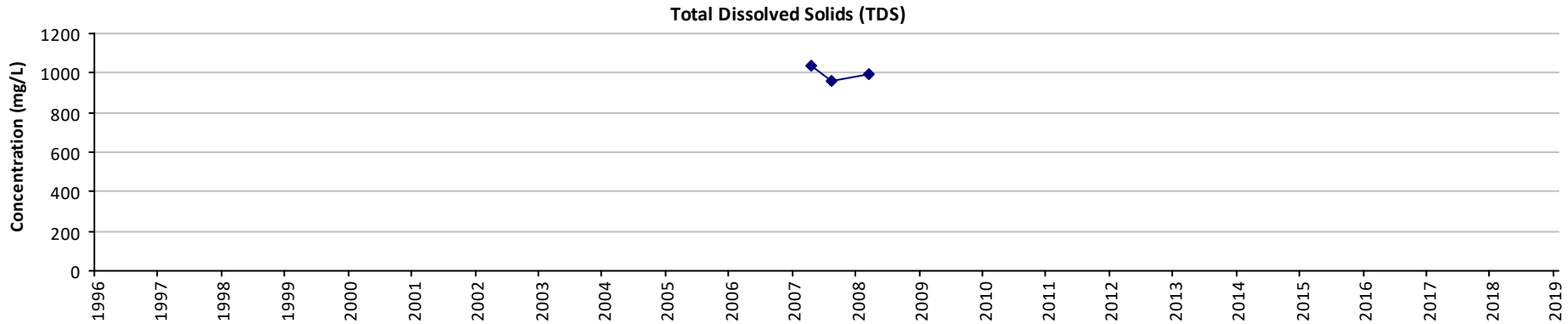
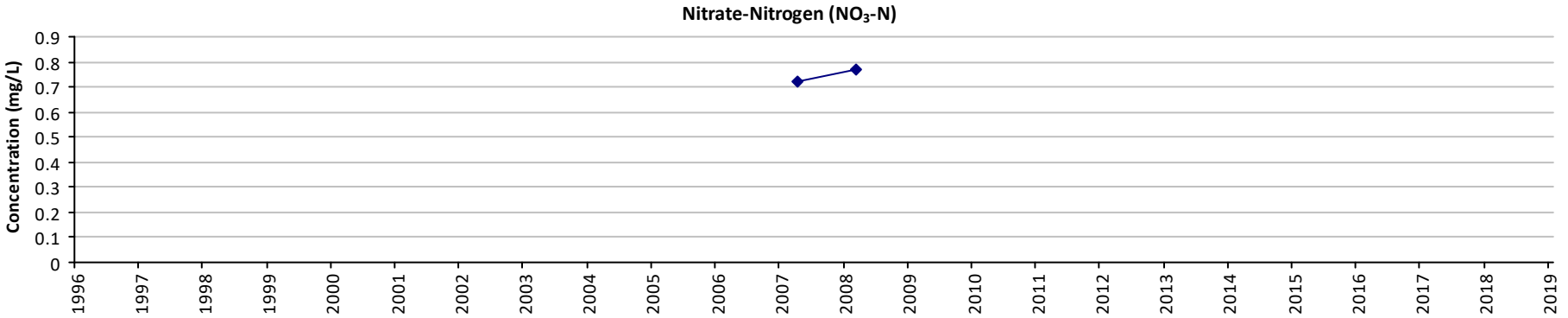
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
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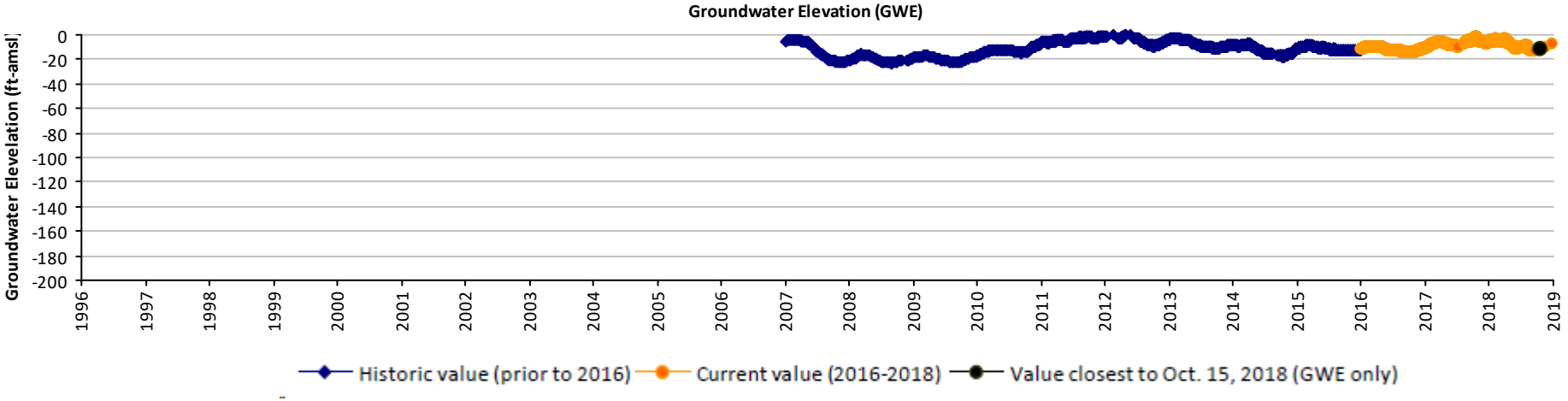
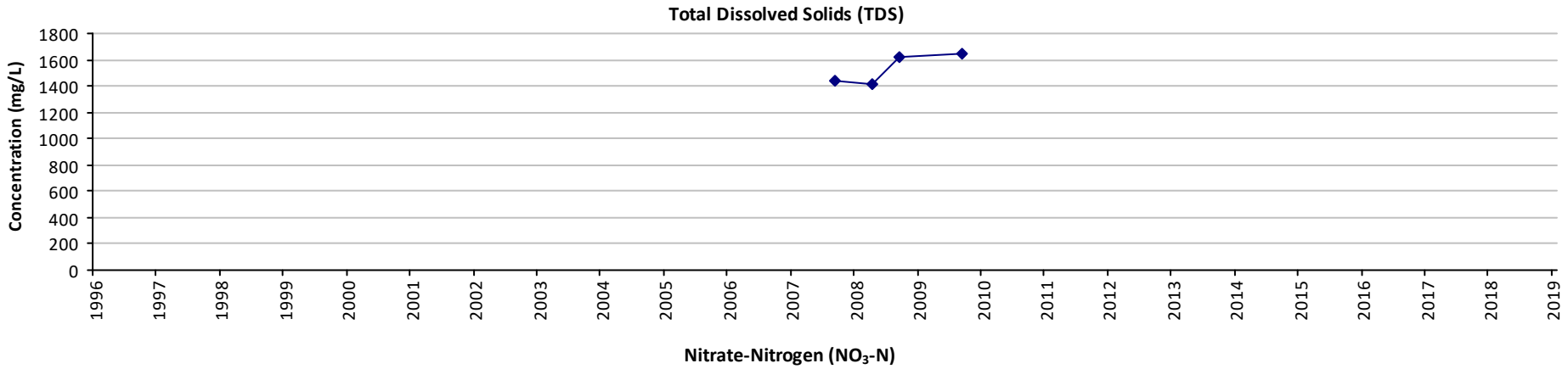
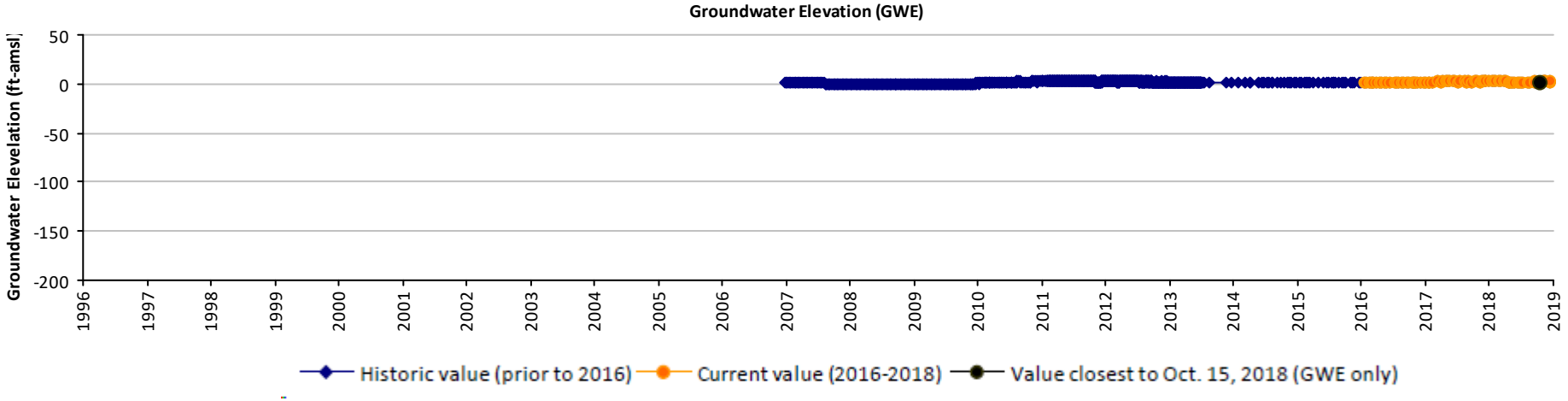
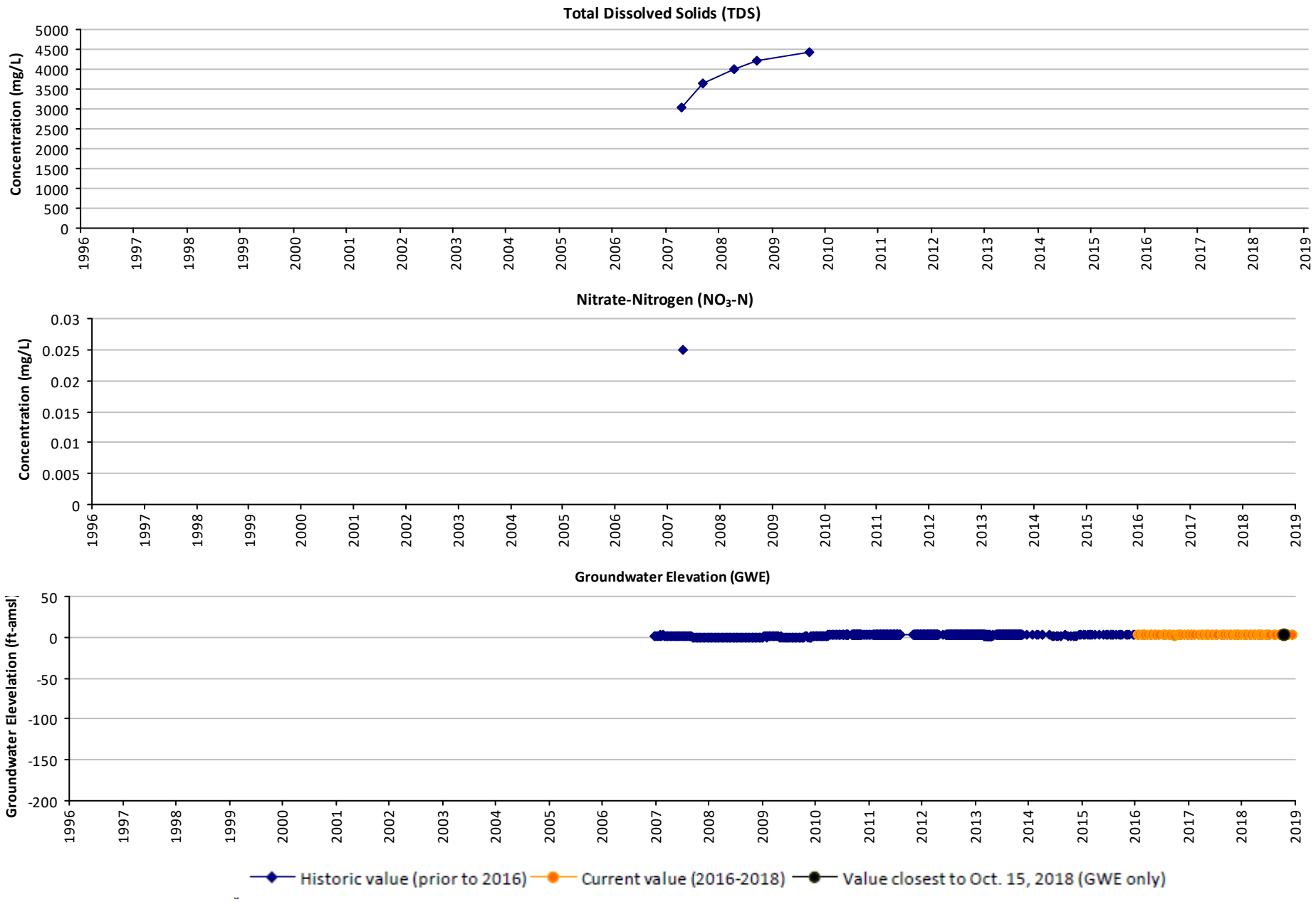
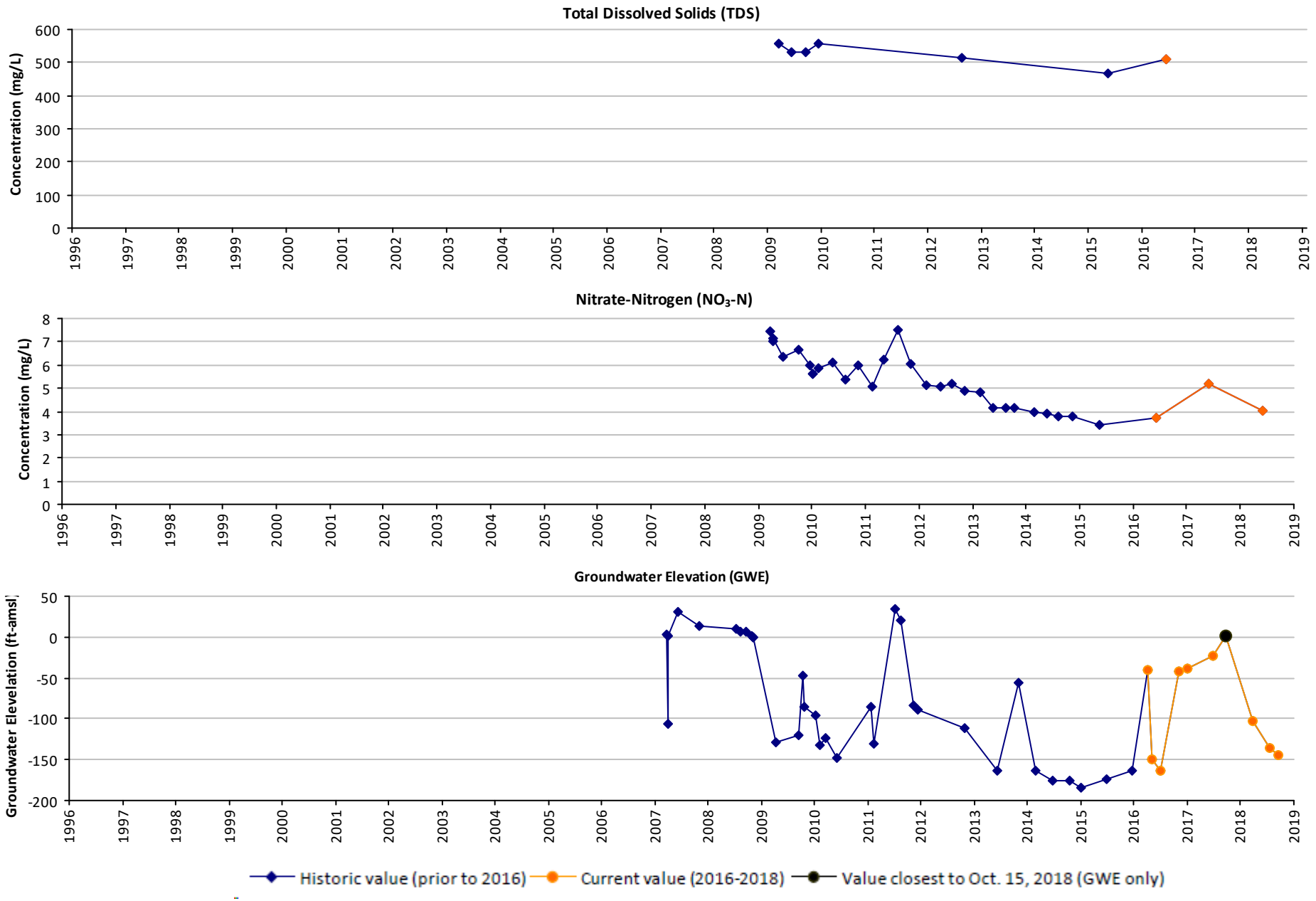
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

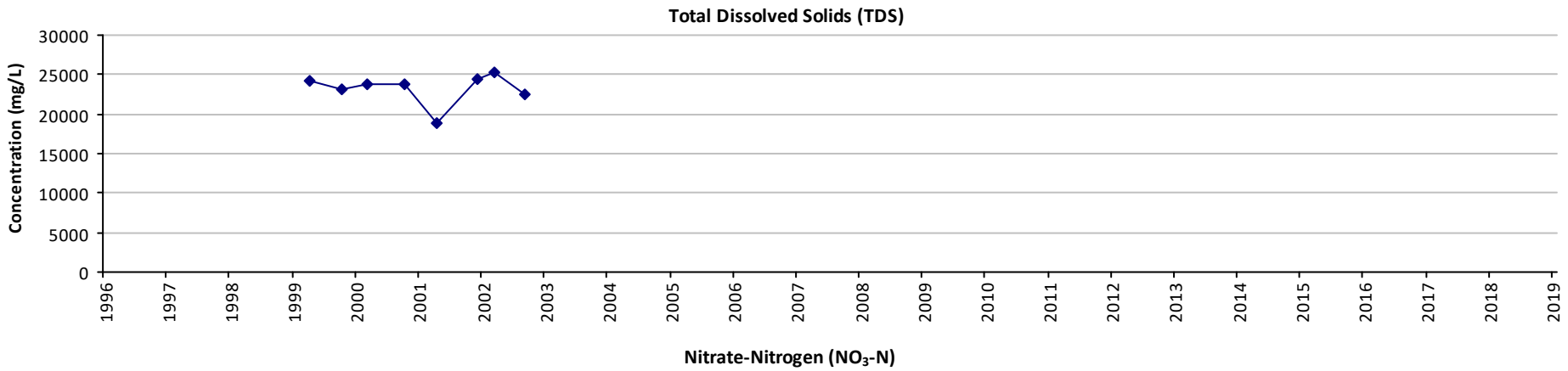

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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2014
2015
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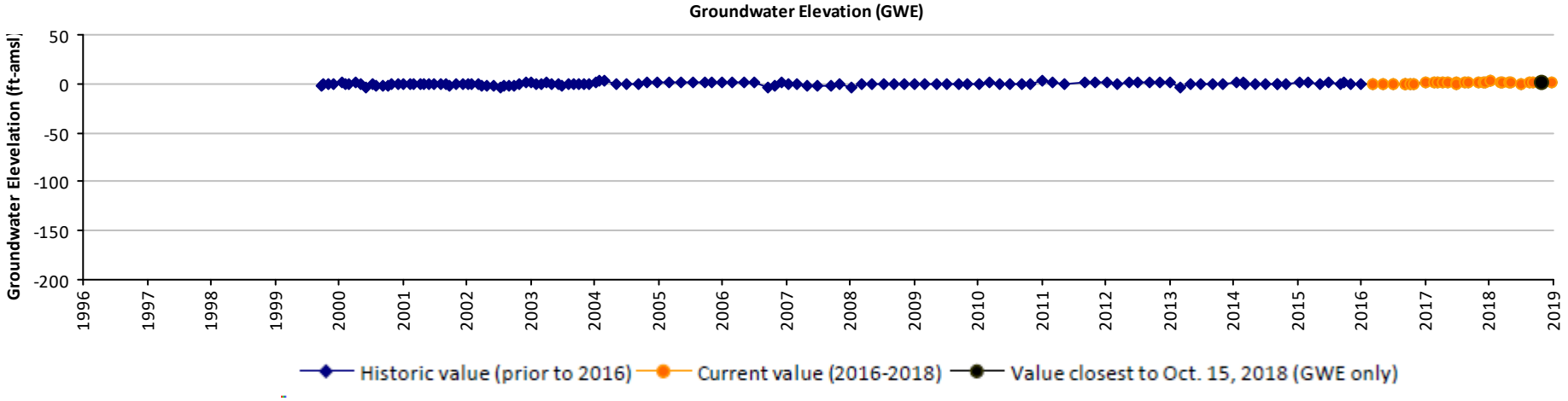
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
2010
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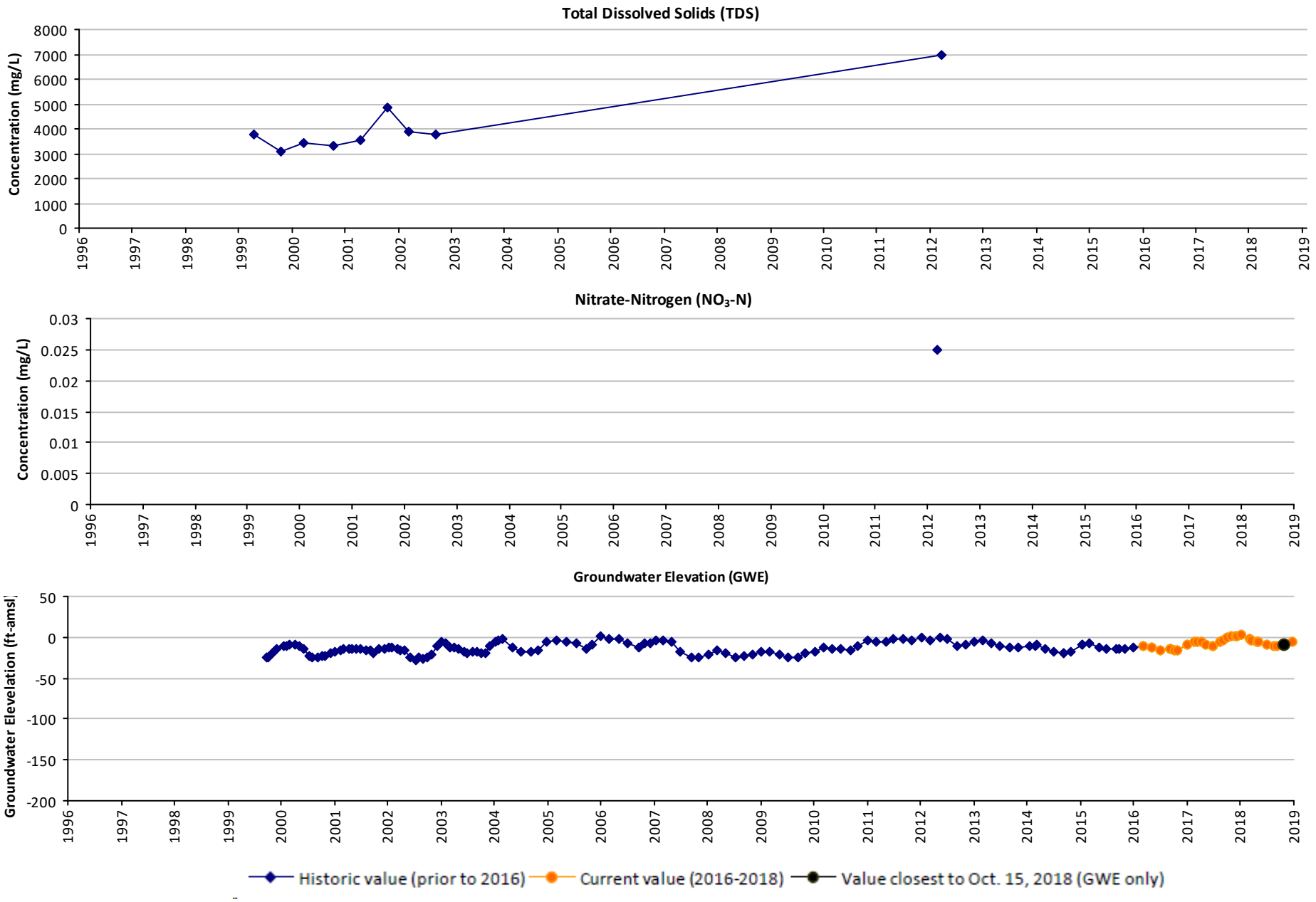
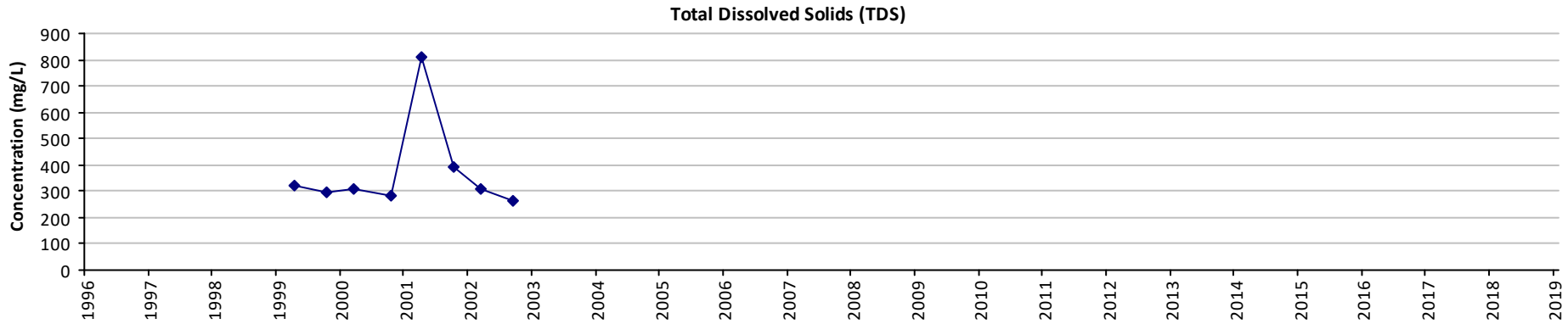
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
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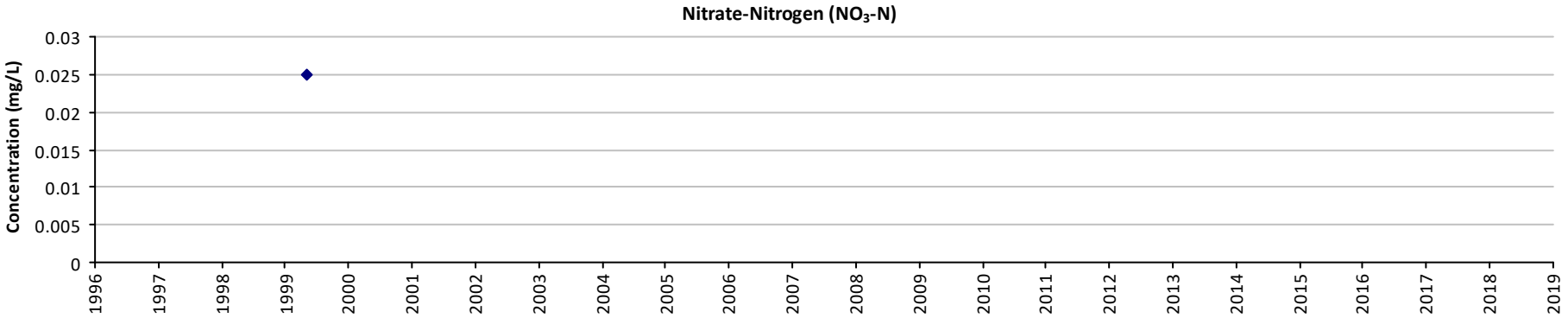
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
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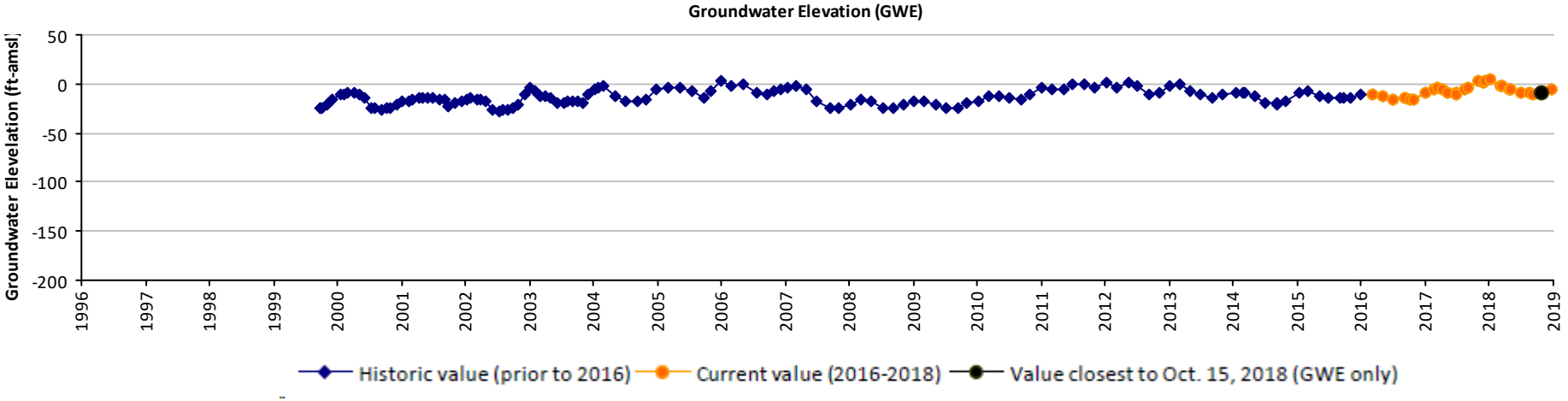
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
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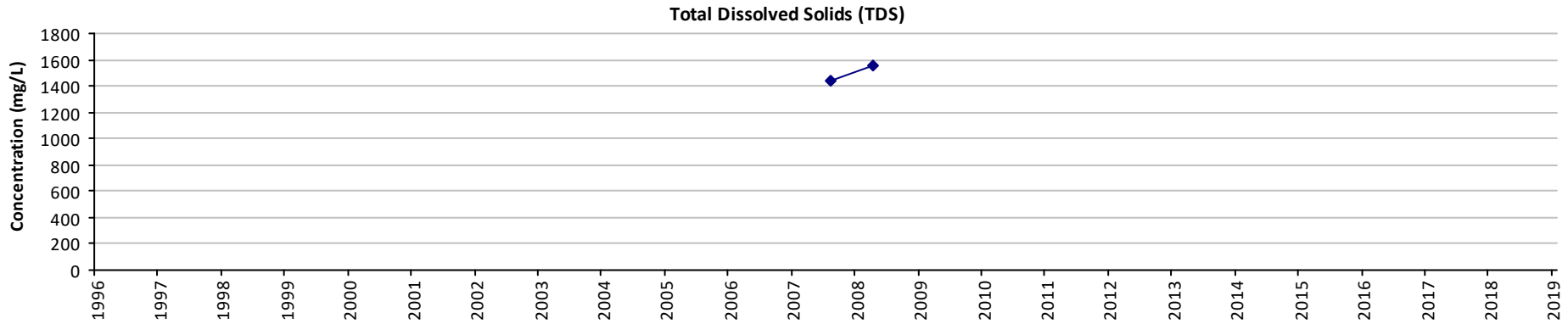
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
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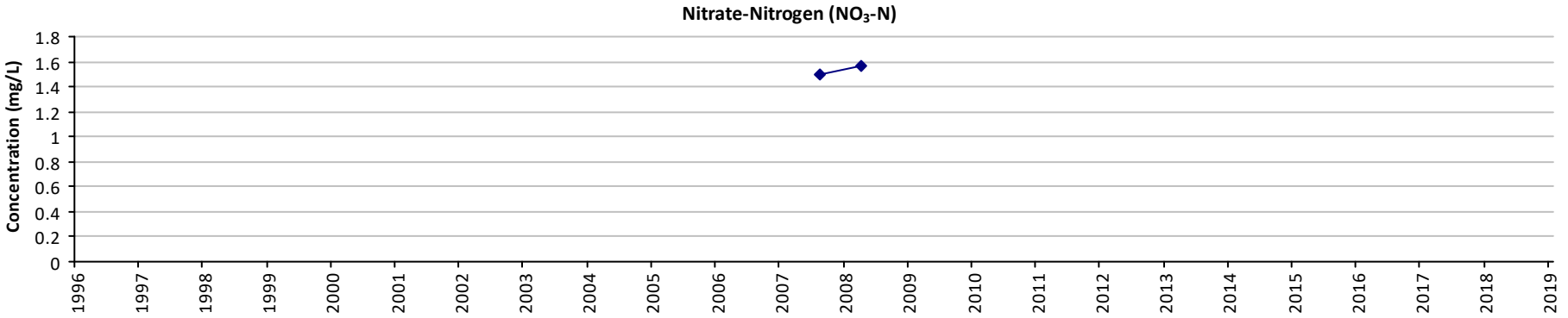
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
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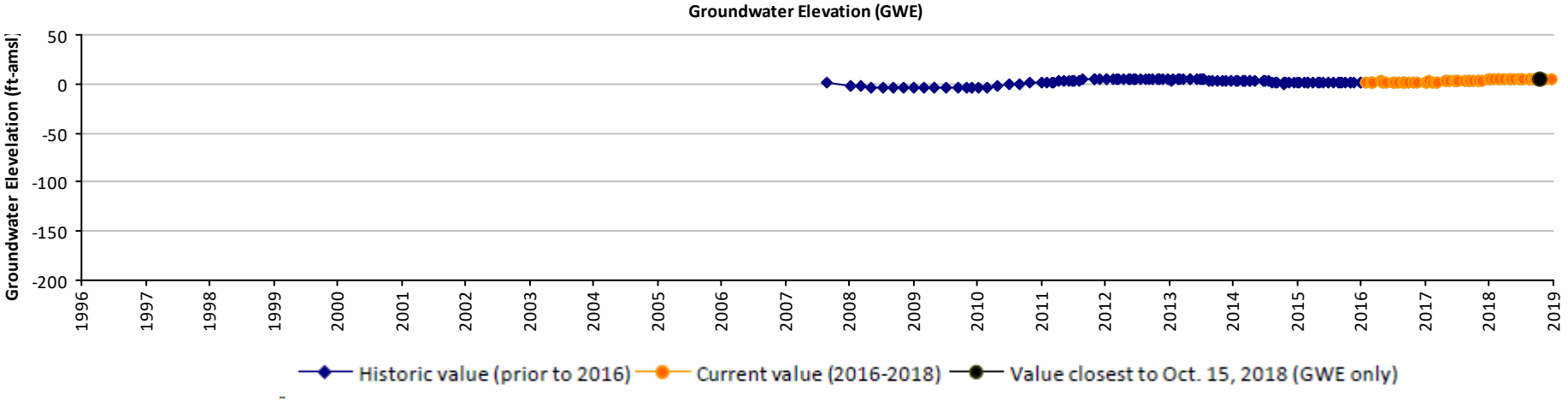
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
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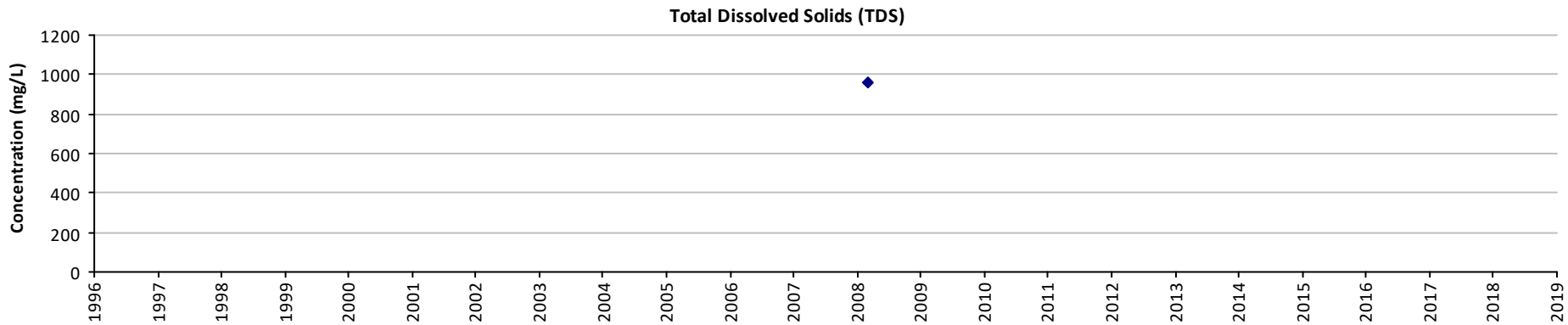
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
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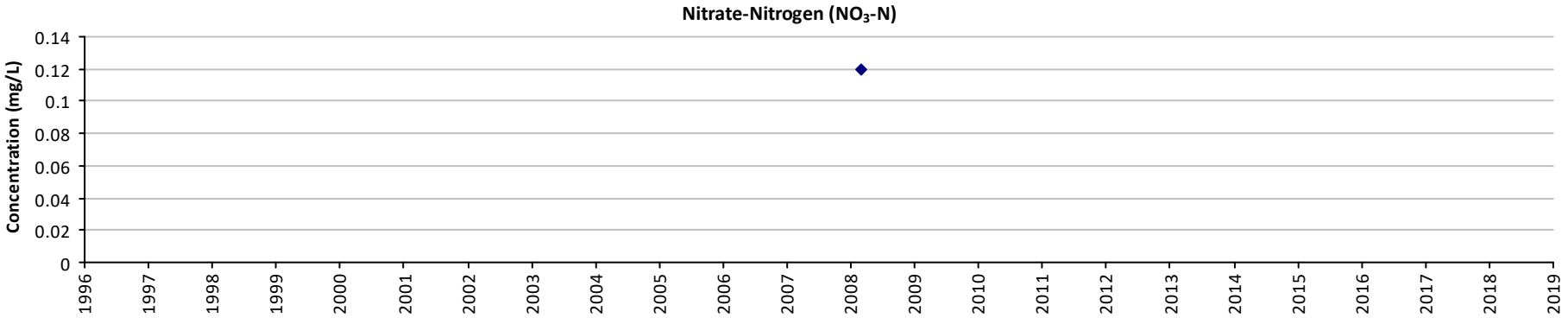
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
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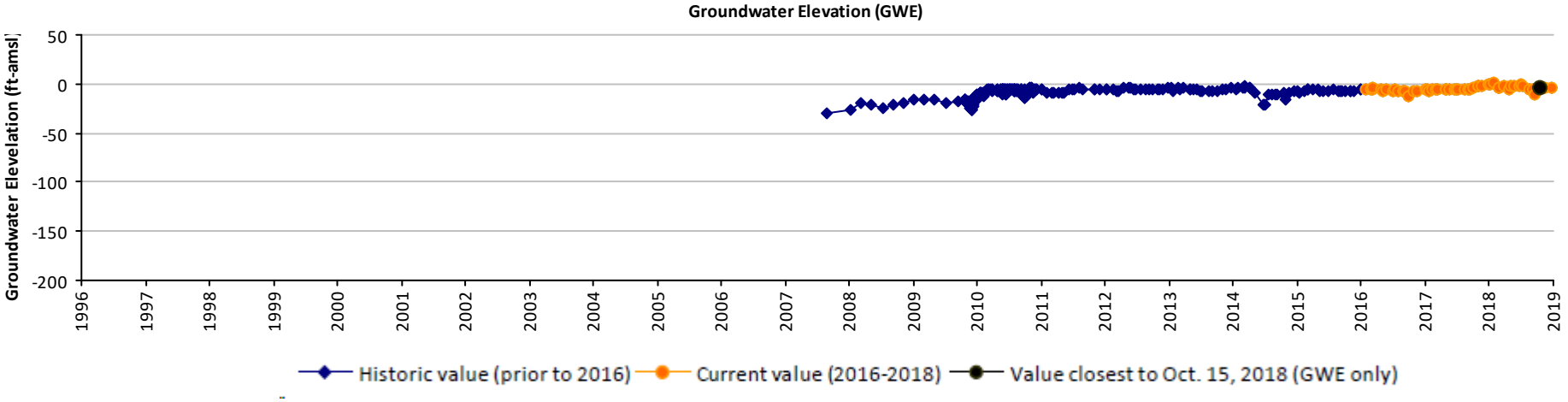
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
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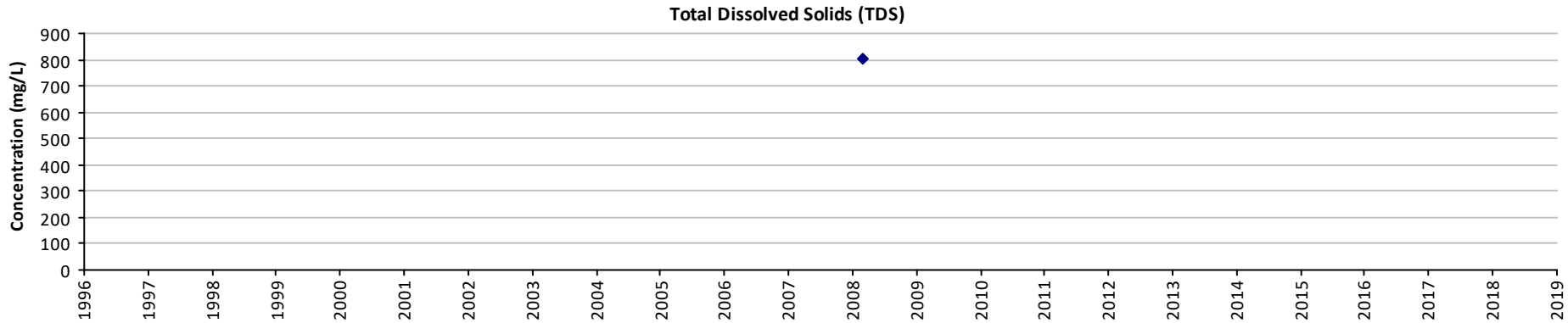
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
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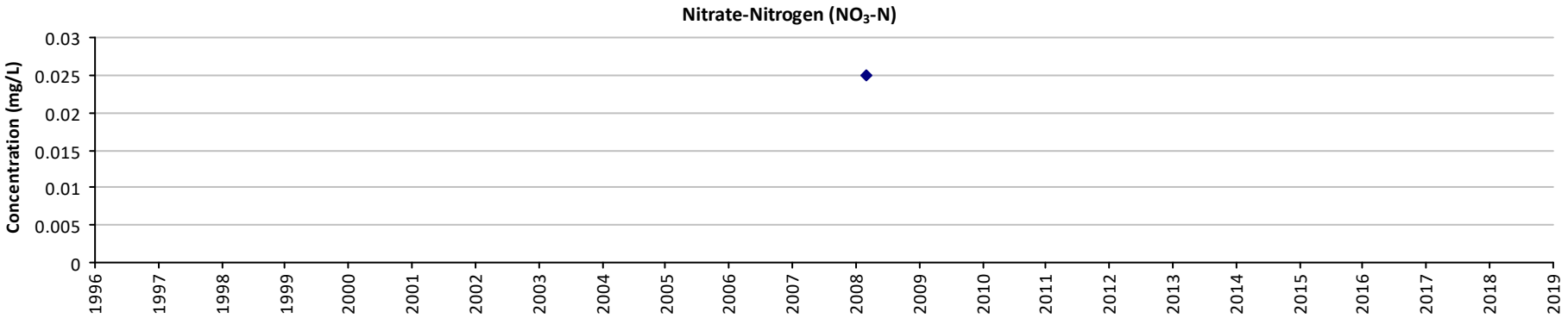
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
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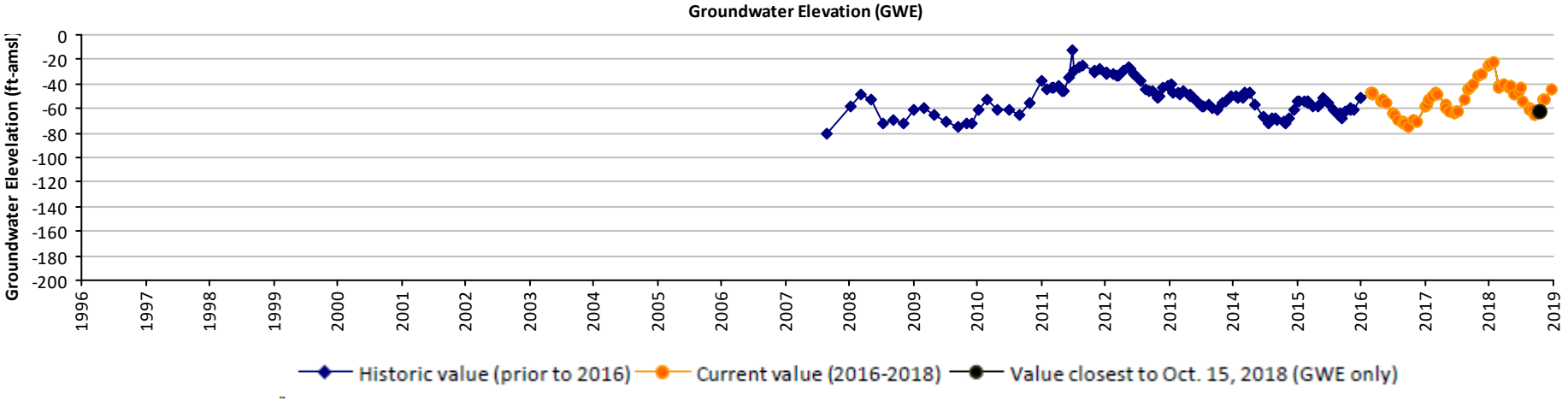
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2014
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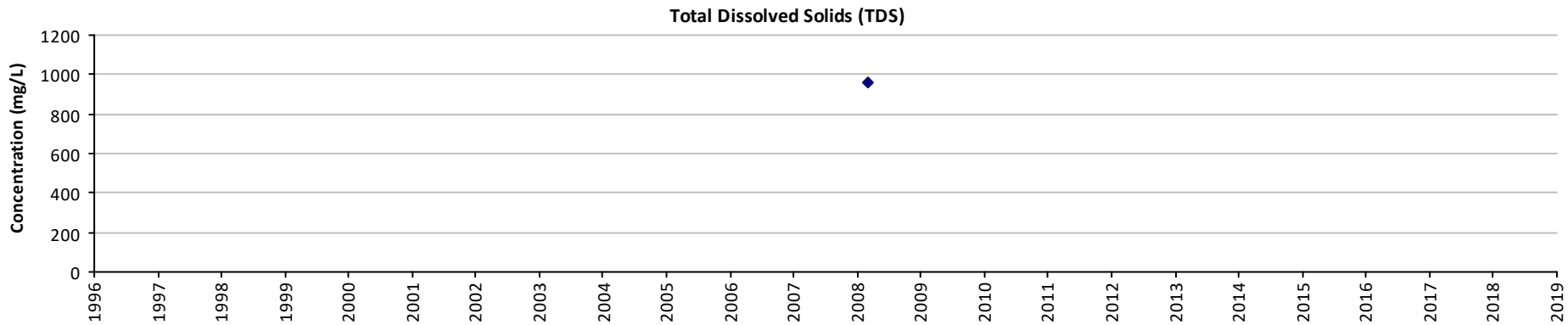
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996
1997
1998
1999
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2001
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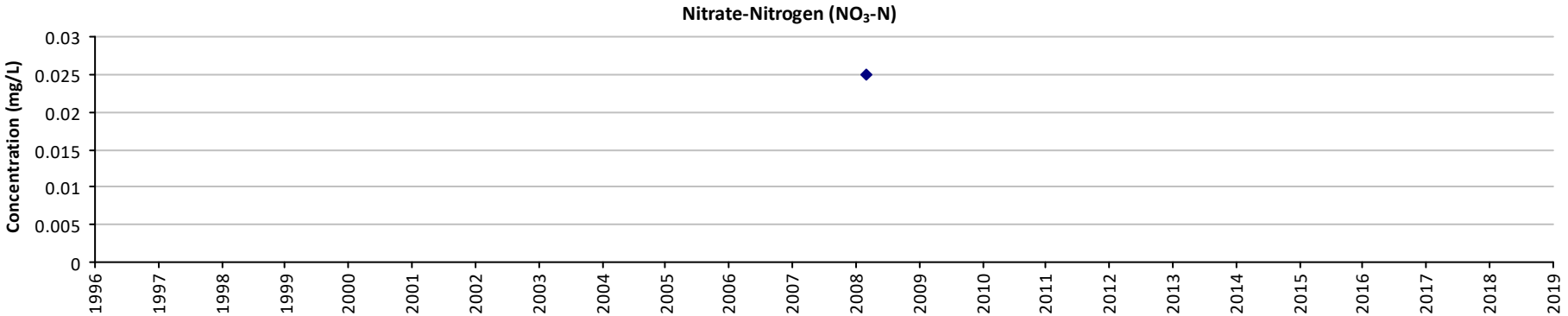
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
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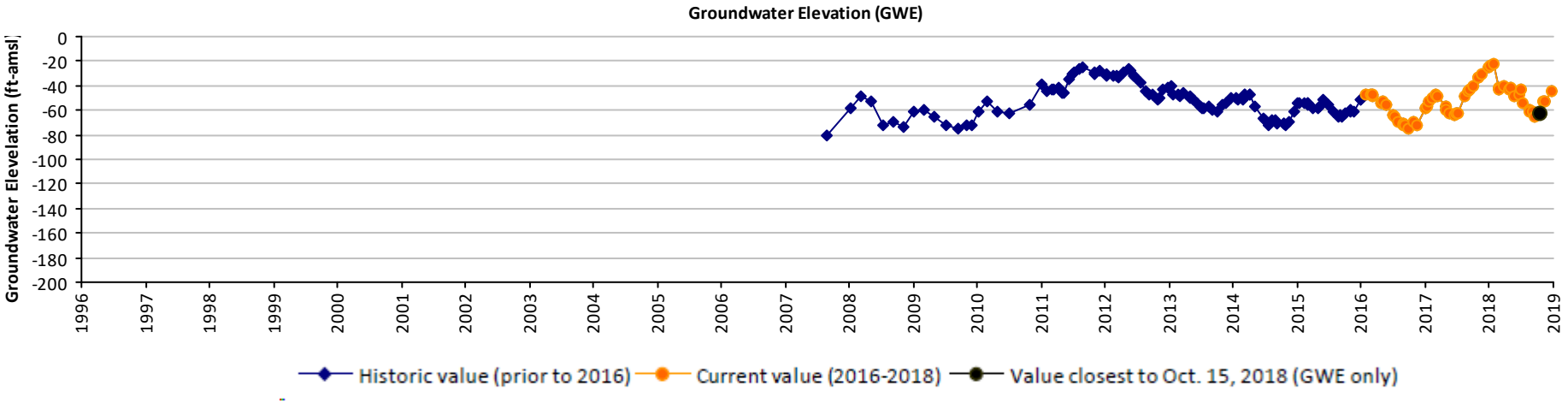
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
2011
2012
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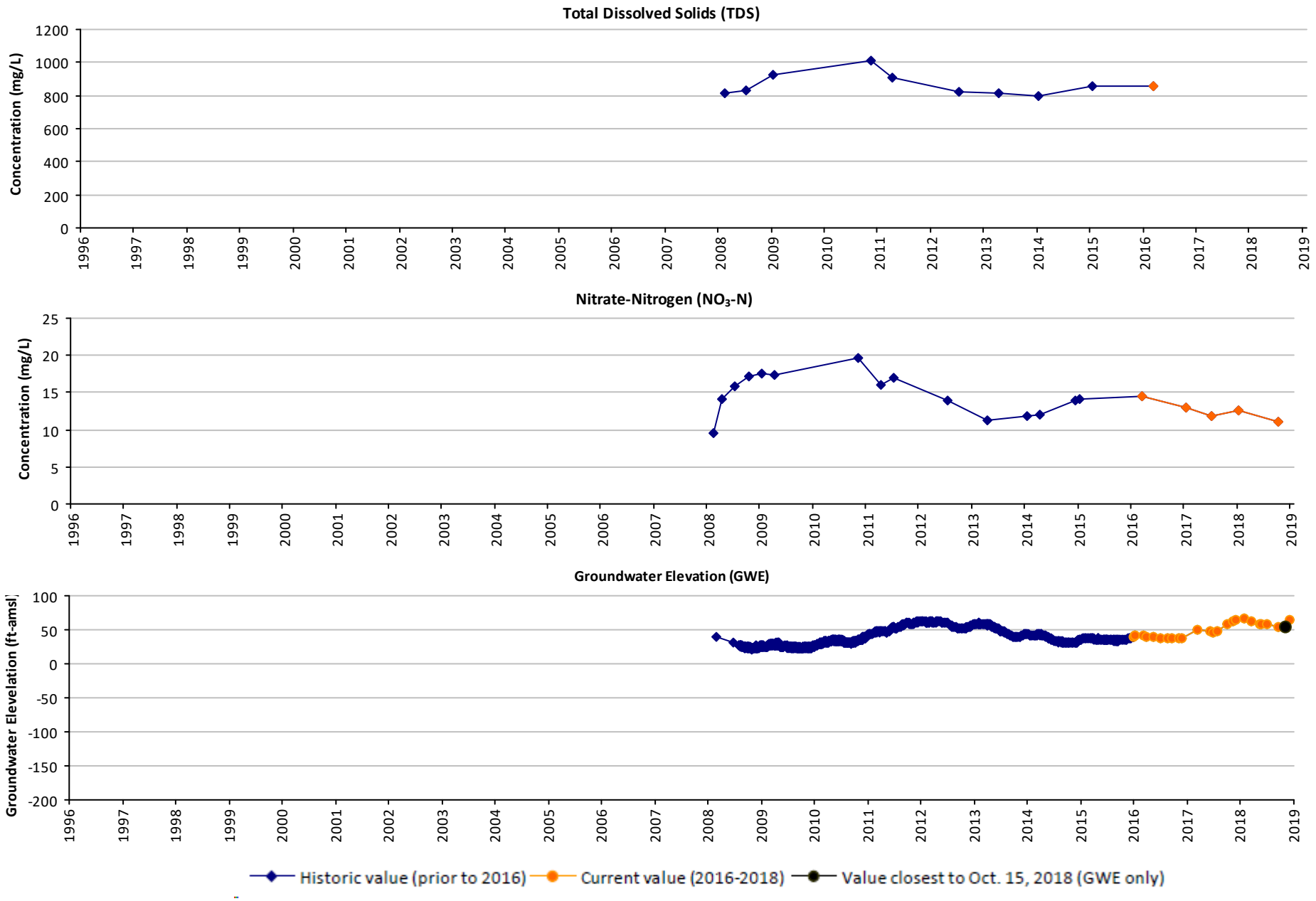
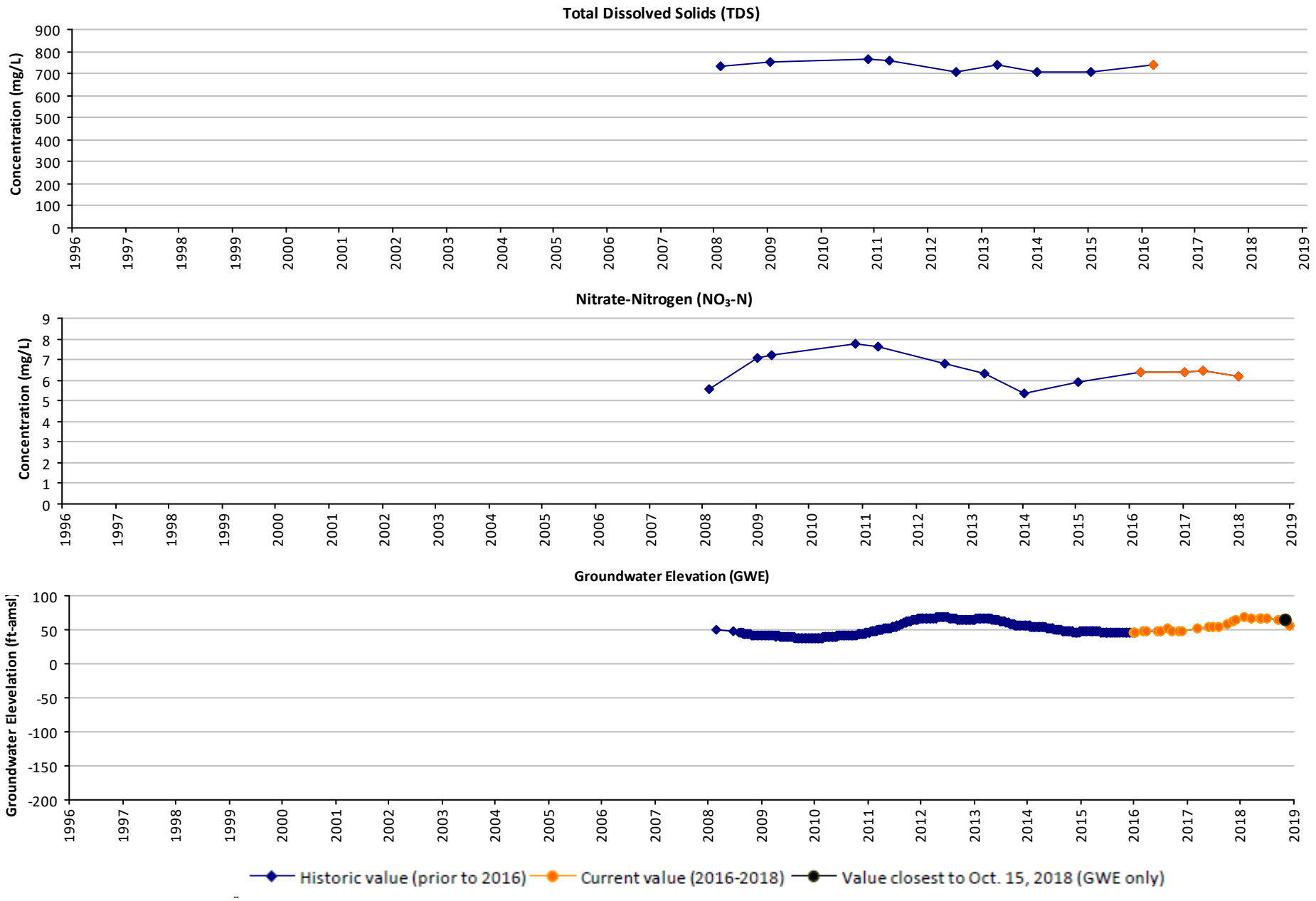
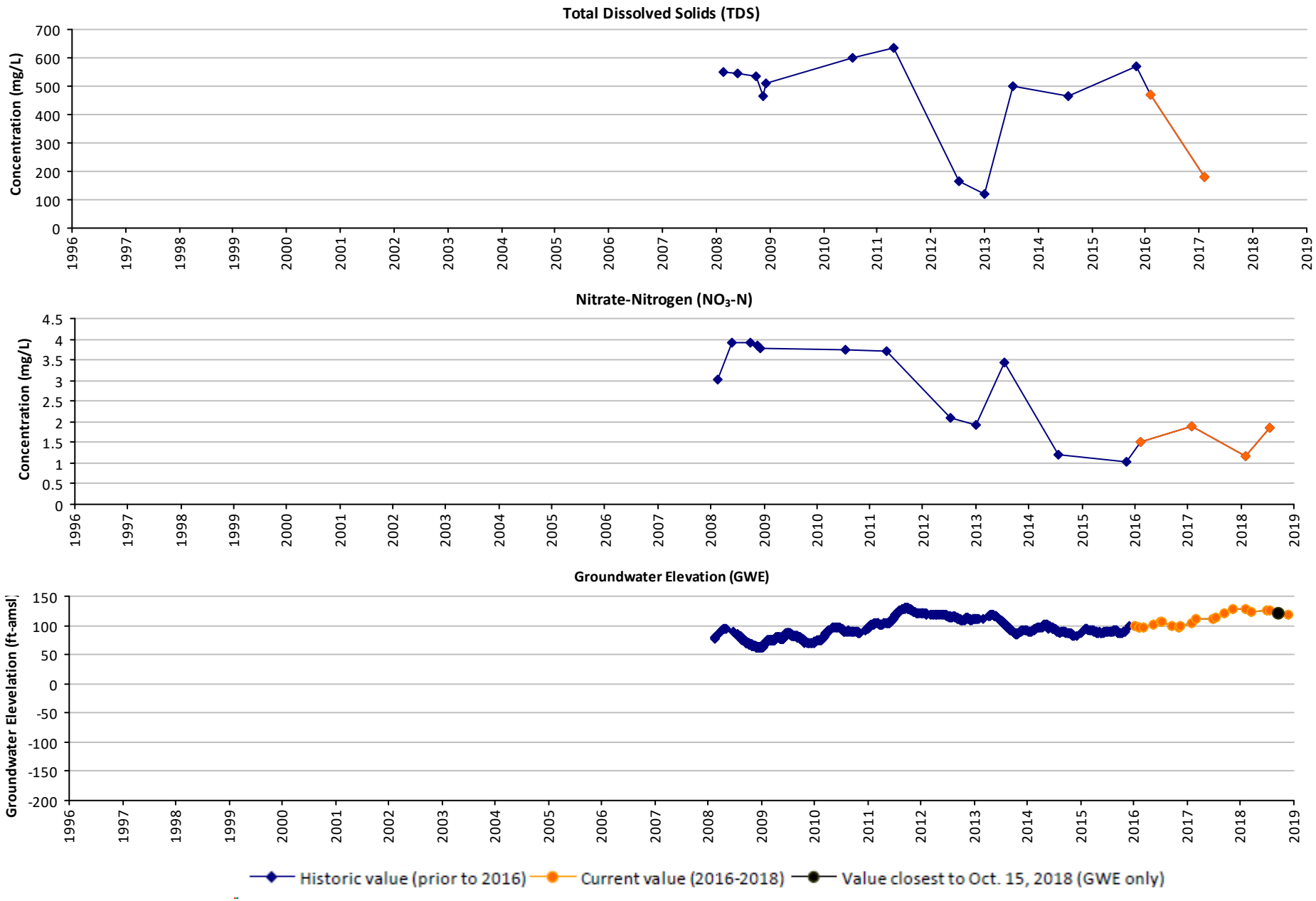
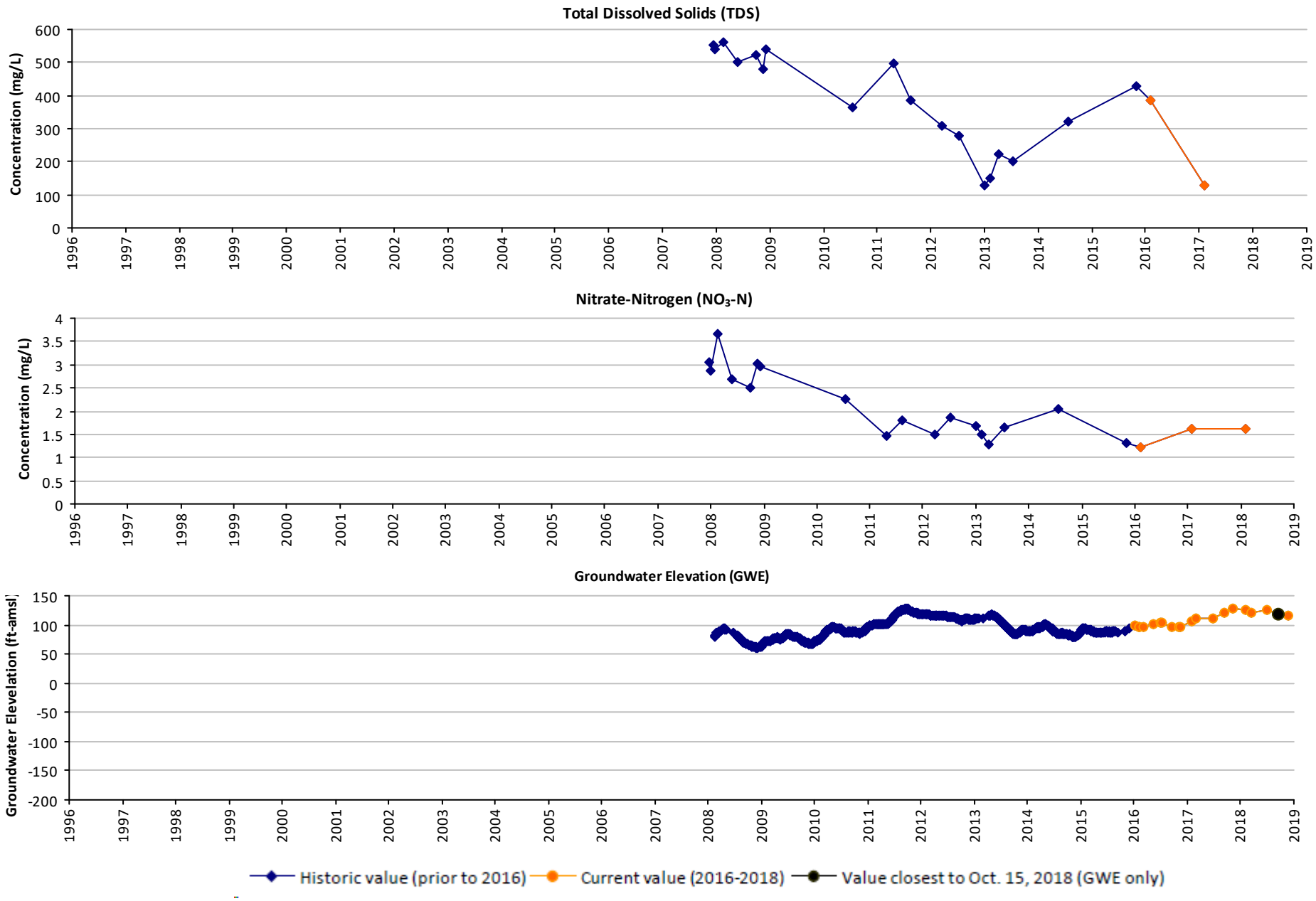
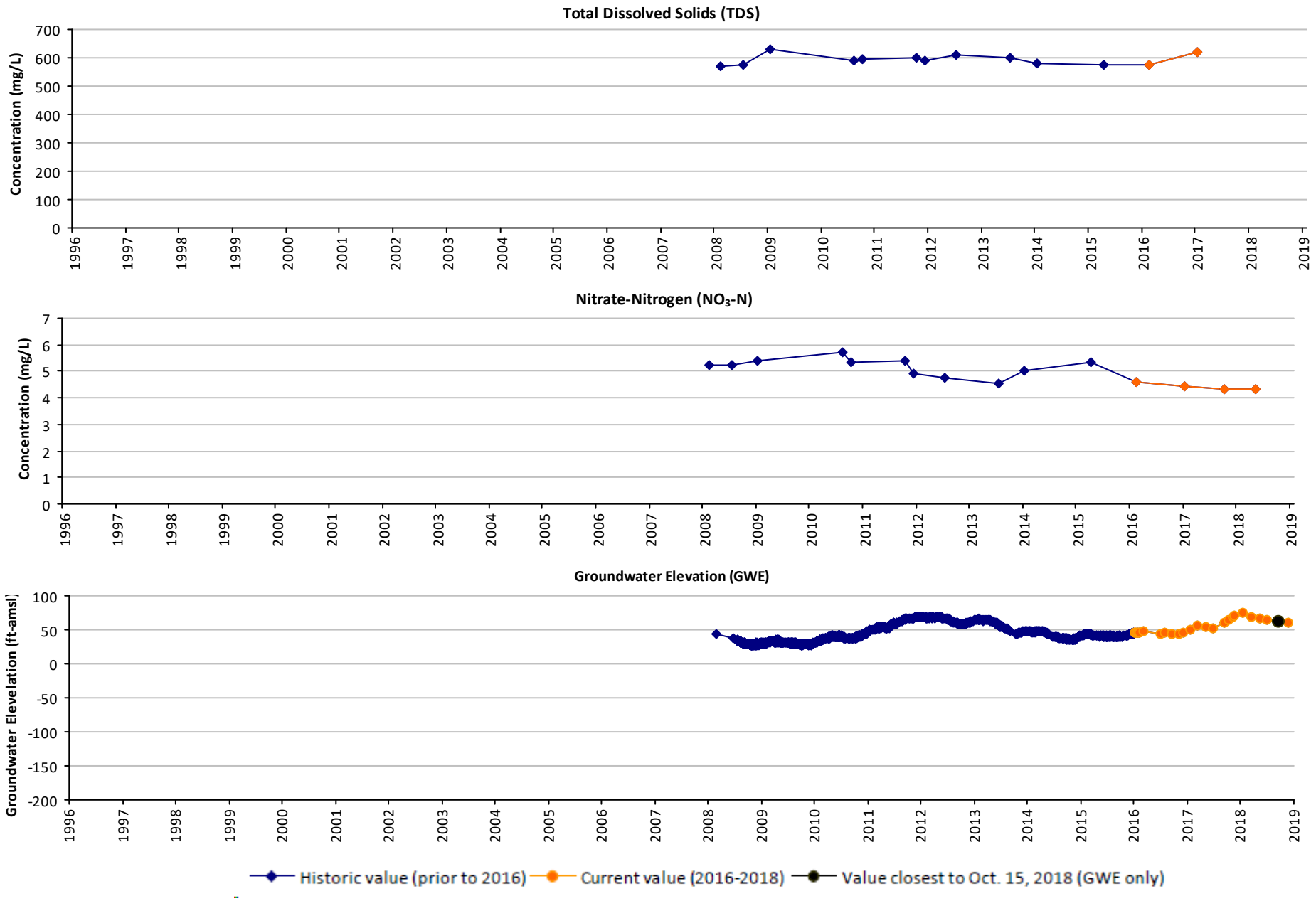
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

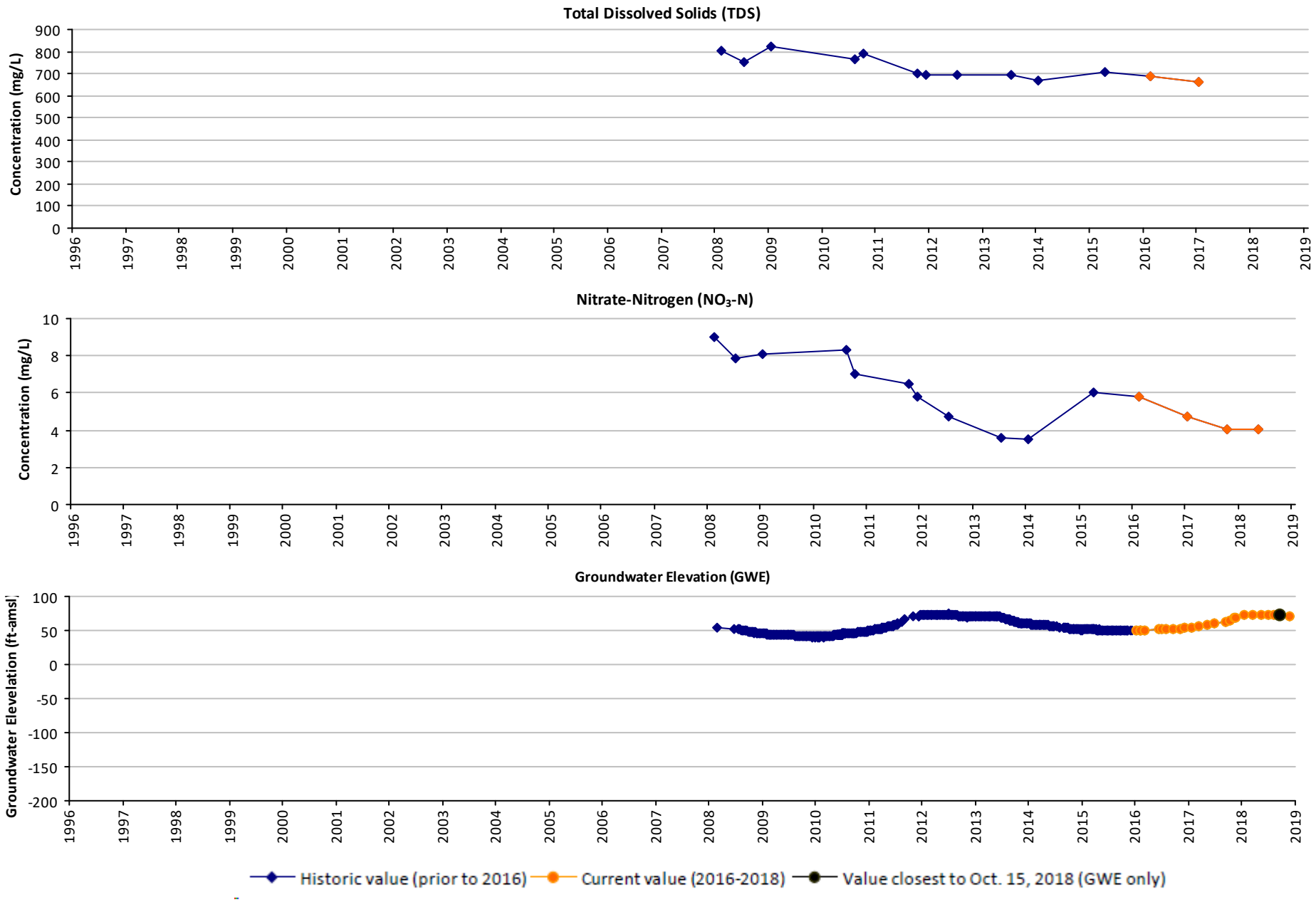

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
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1996
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2003
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2007
2008
2009
2010
2011
2012
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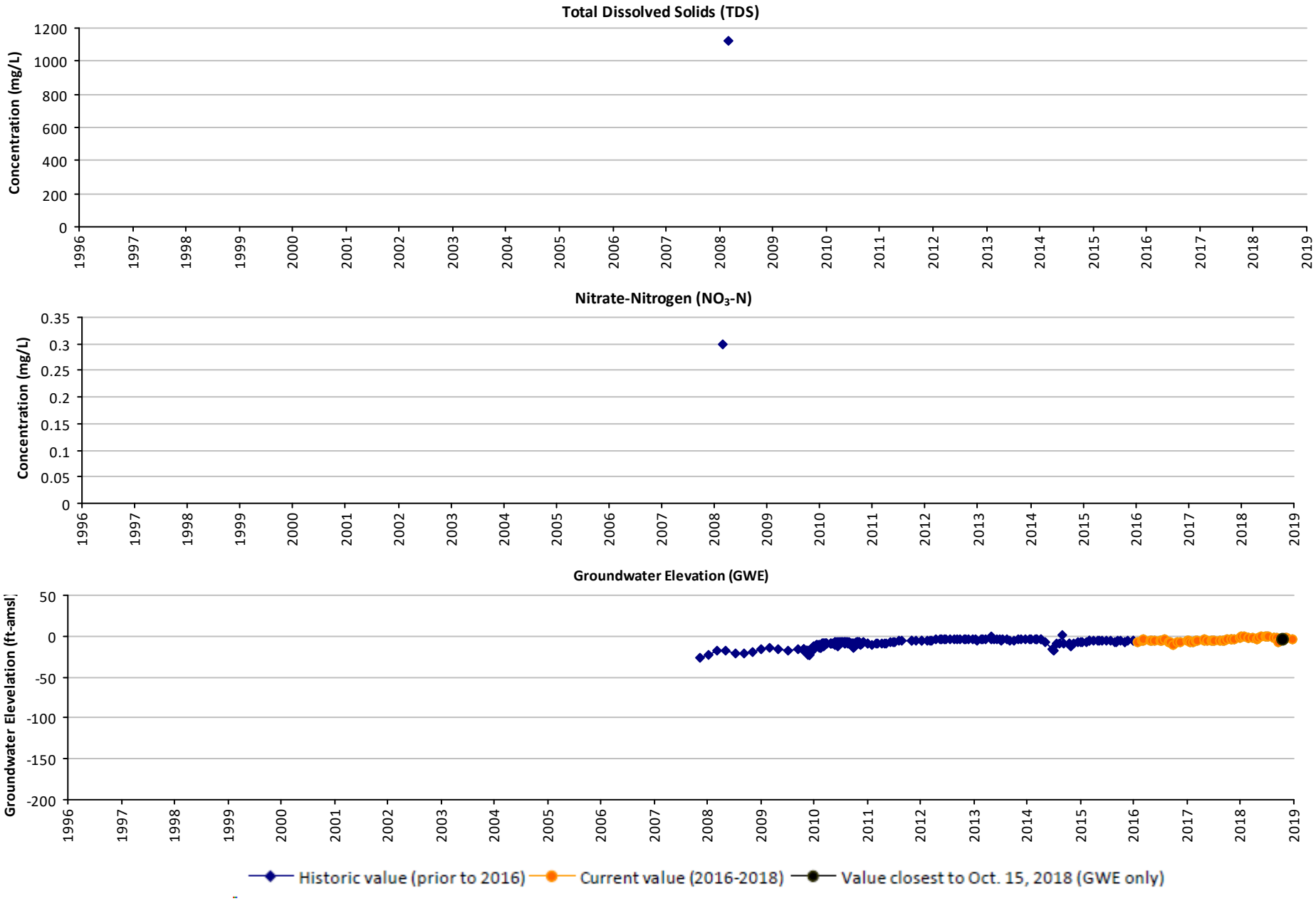
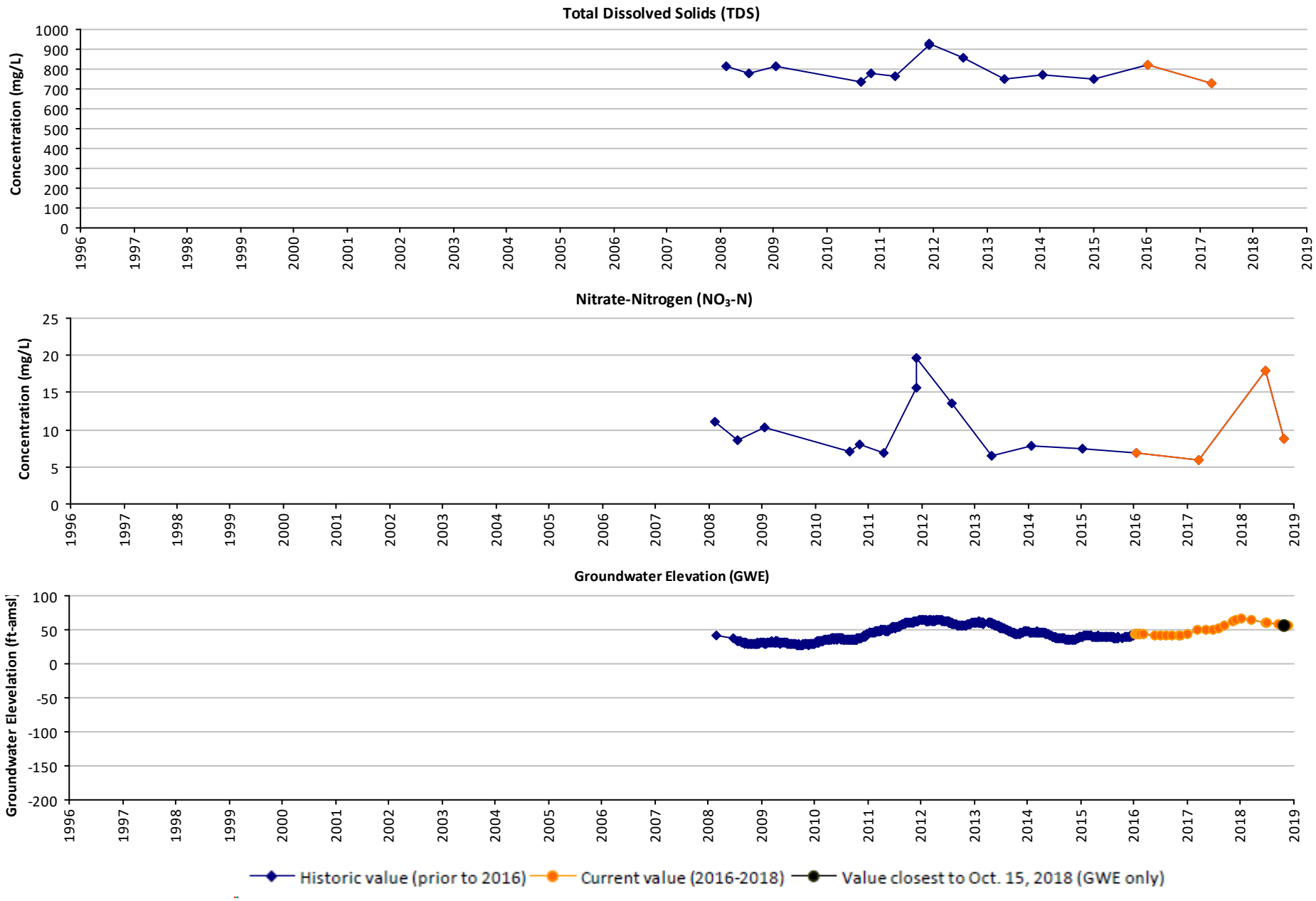
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
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400
300
200
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2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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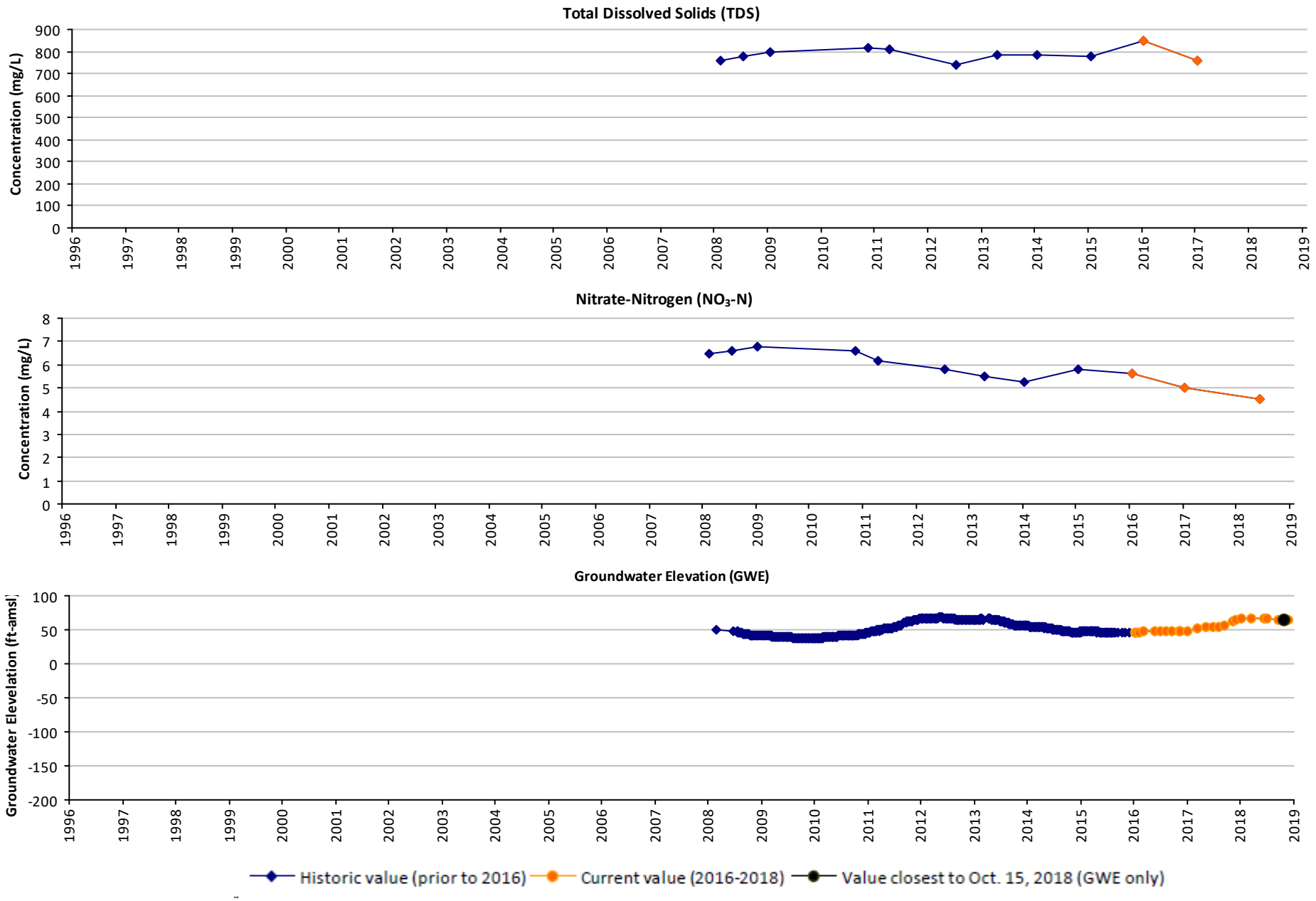
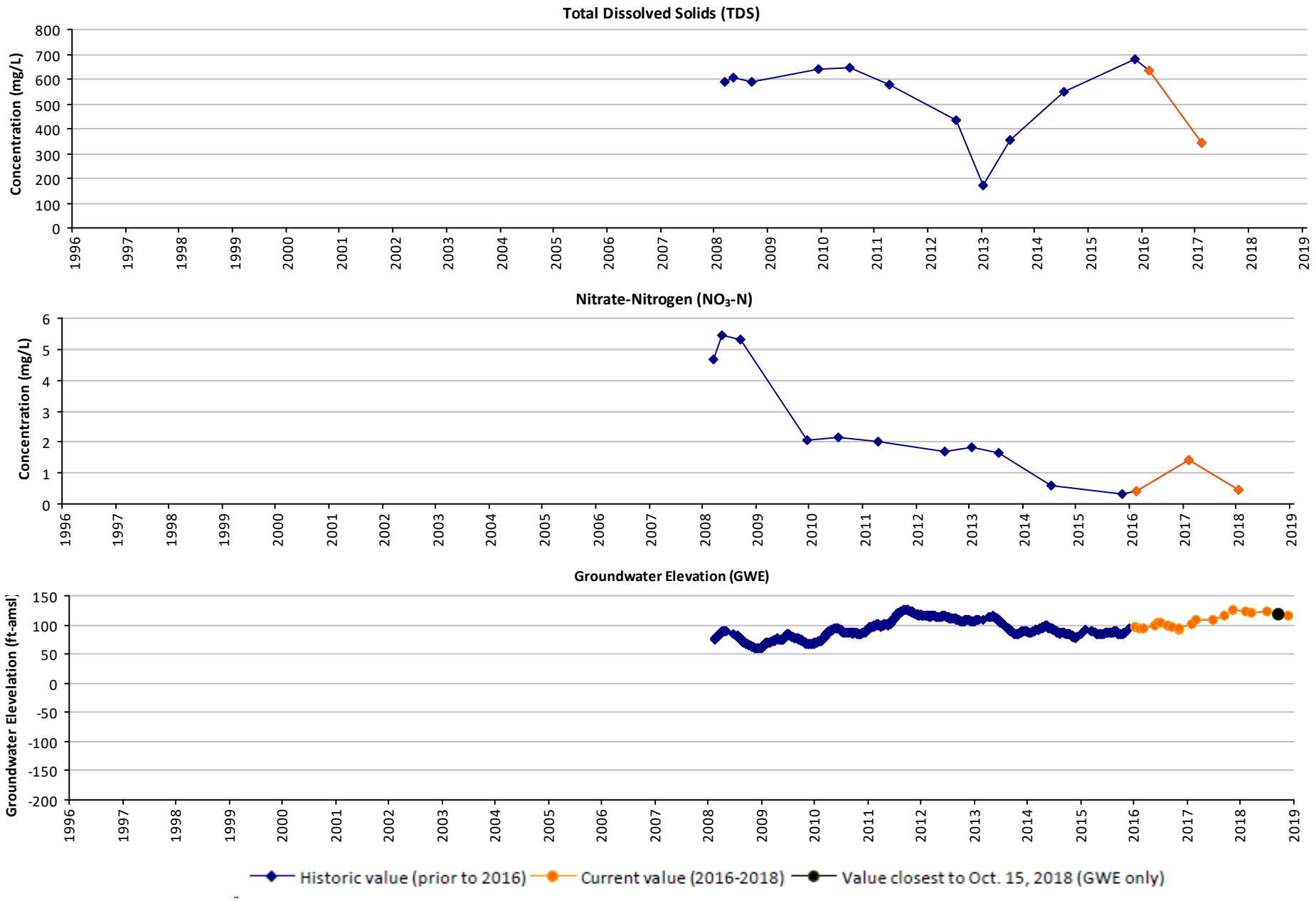
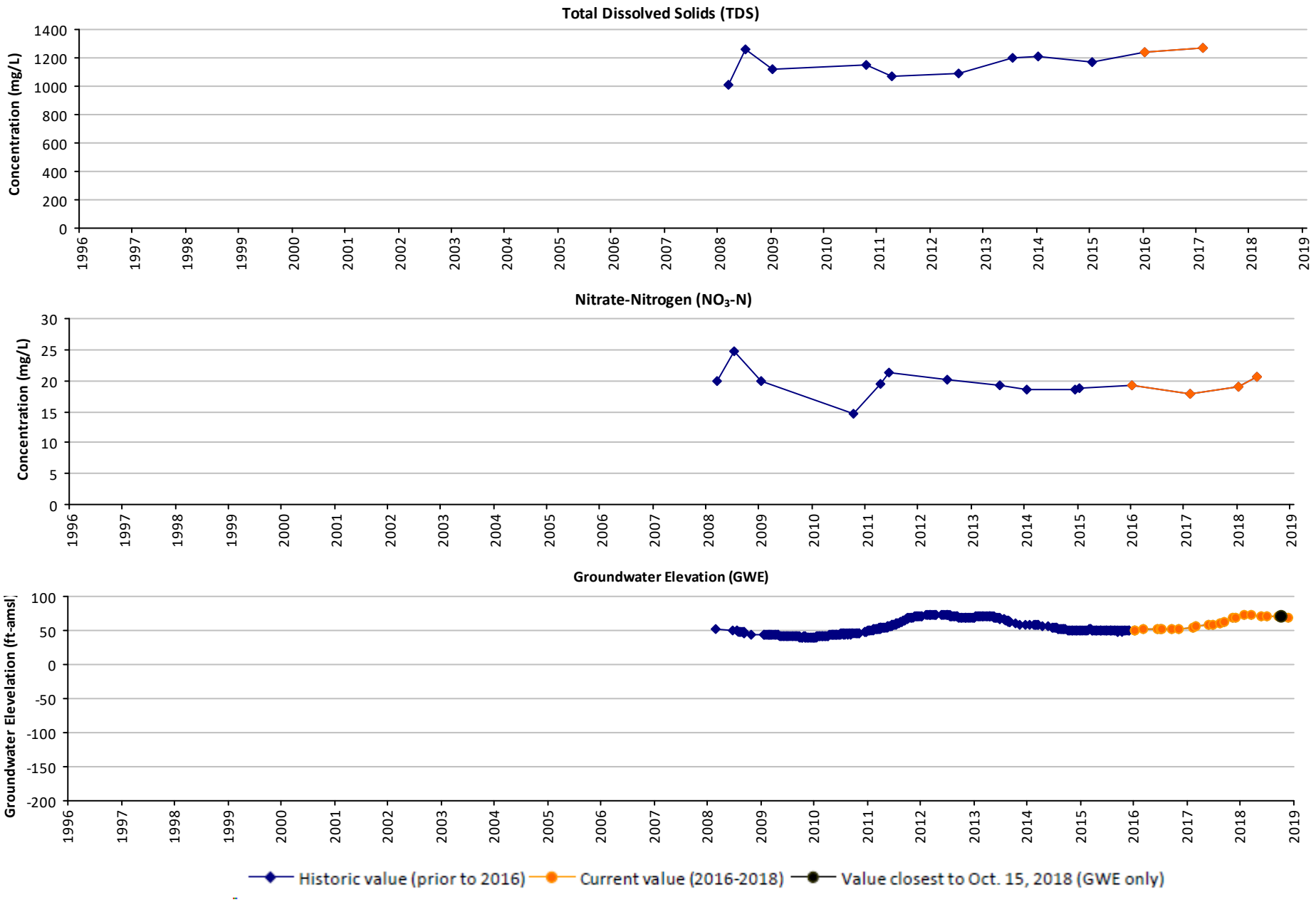
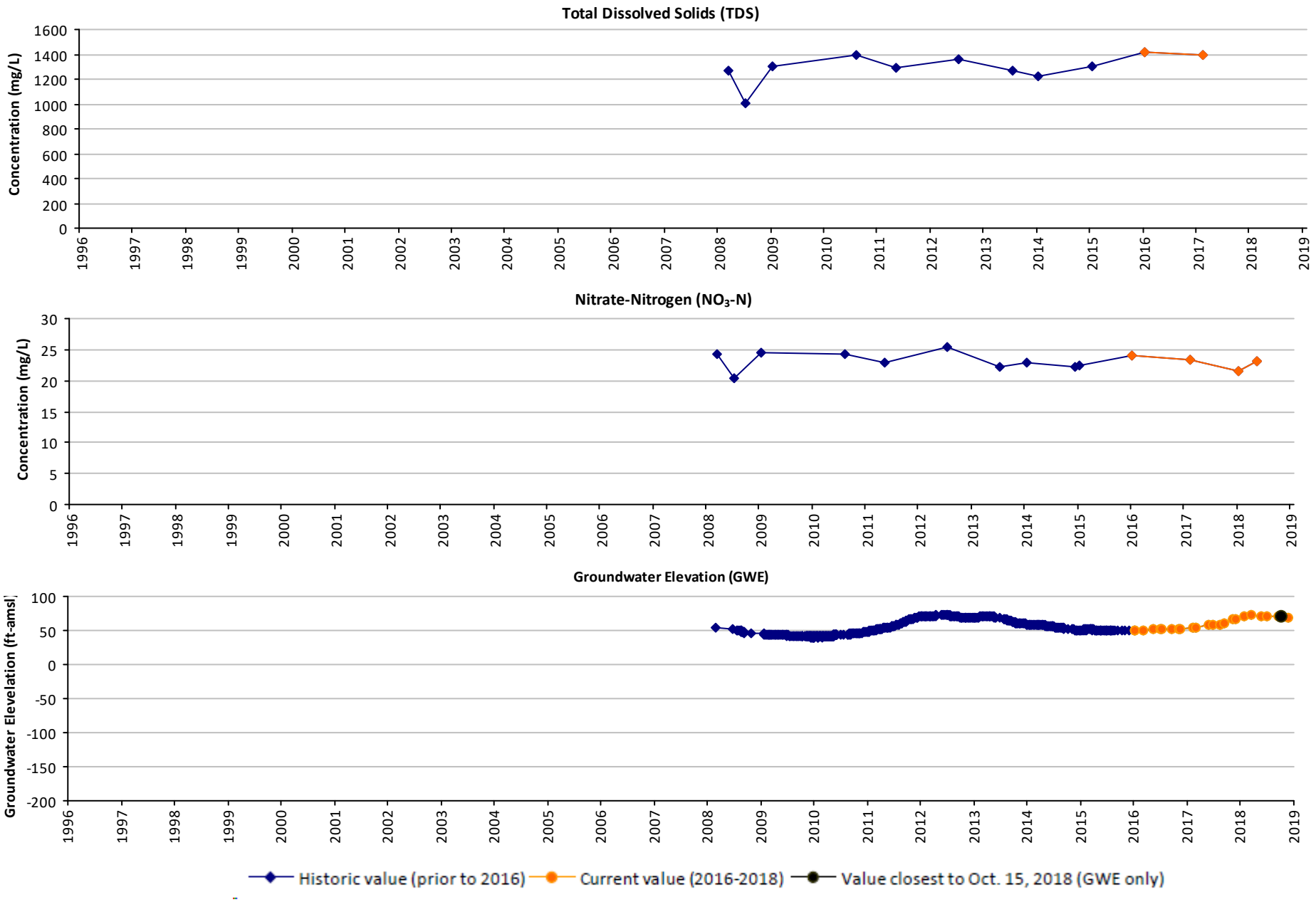
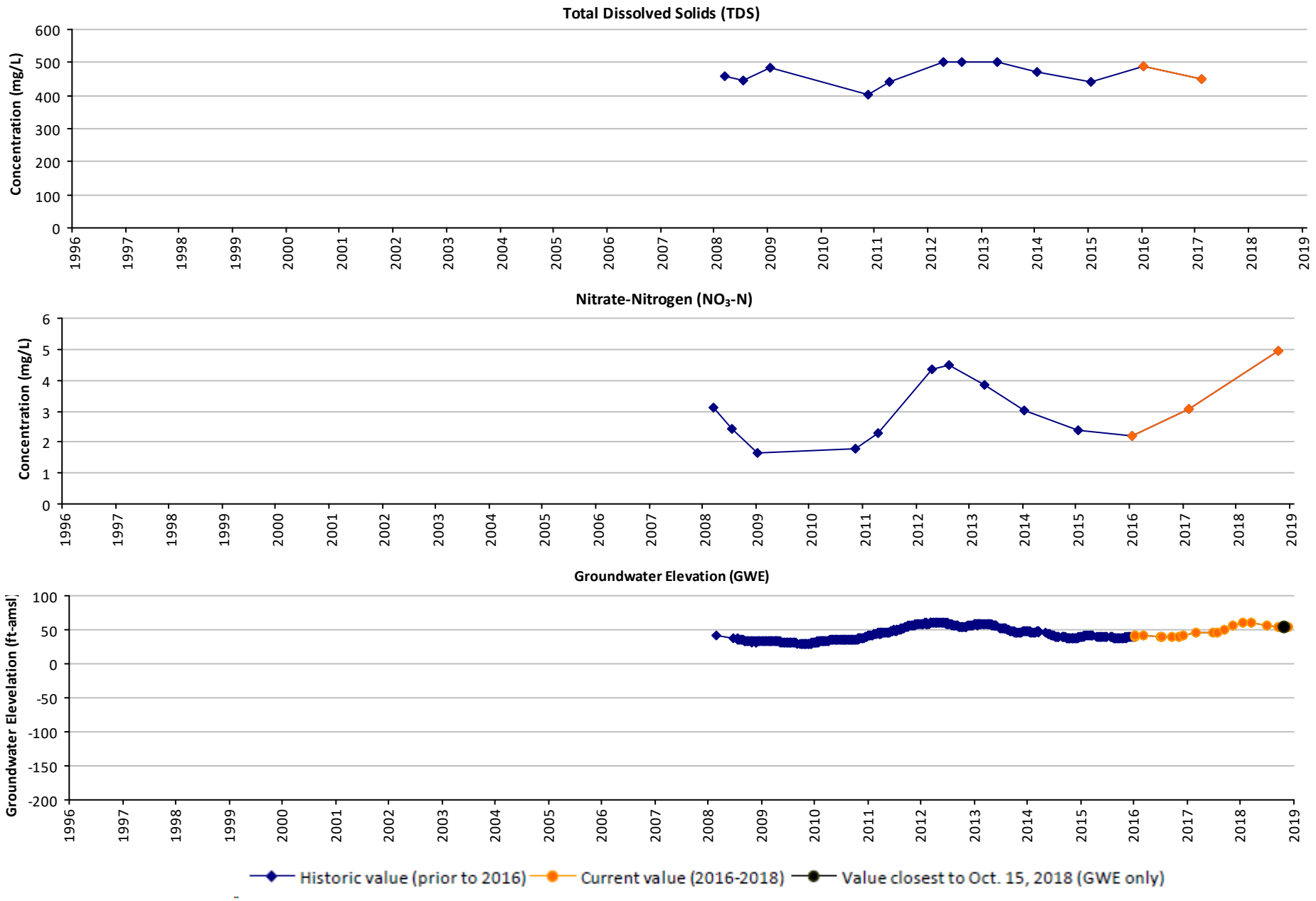
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

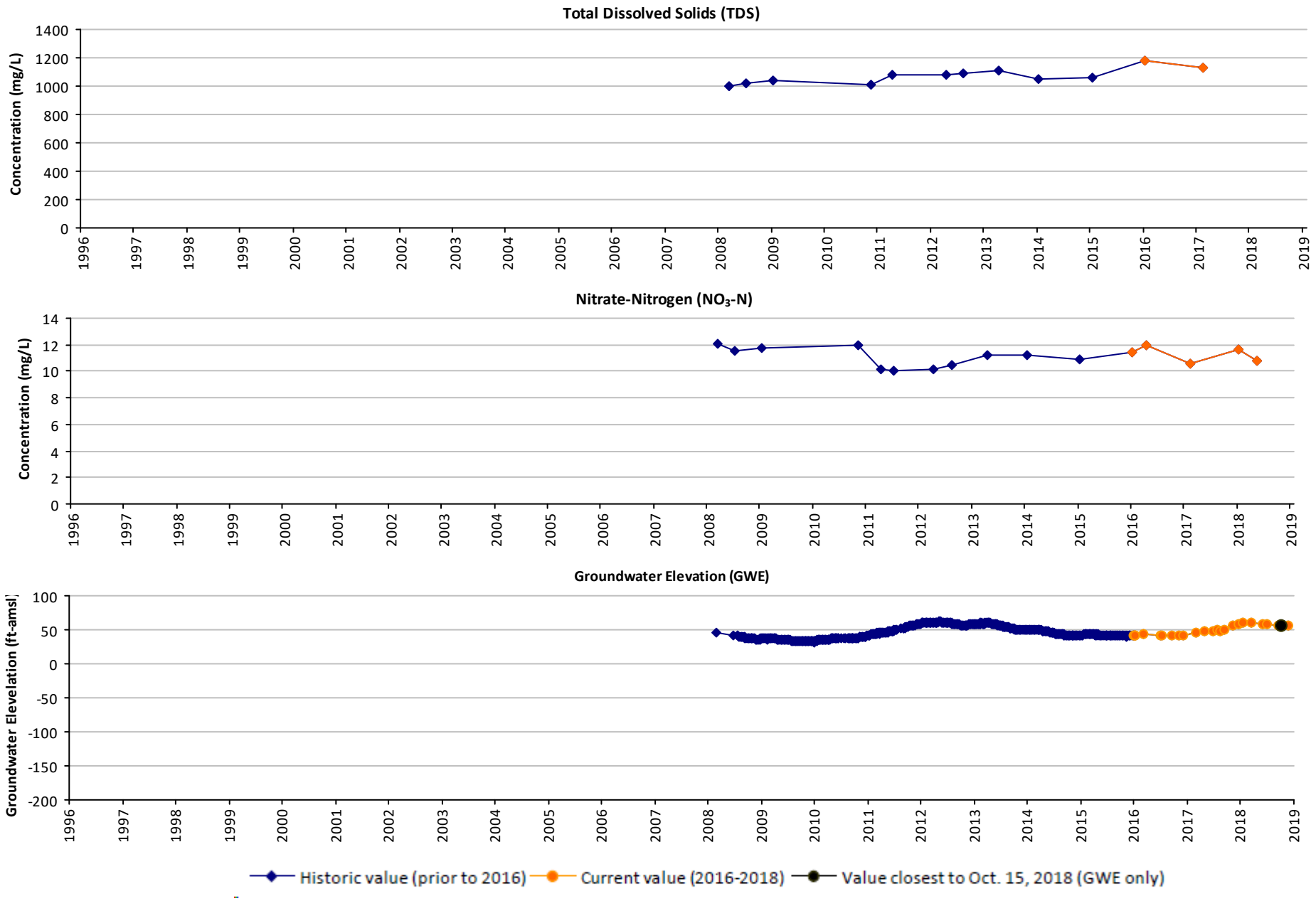

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

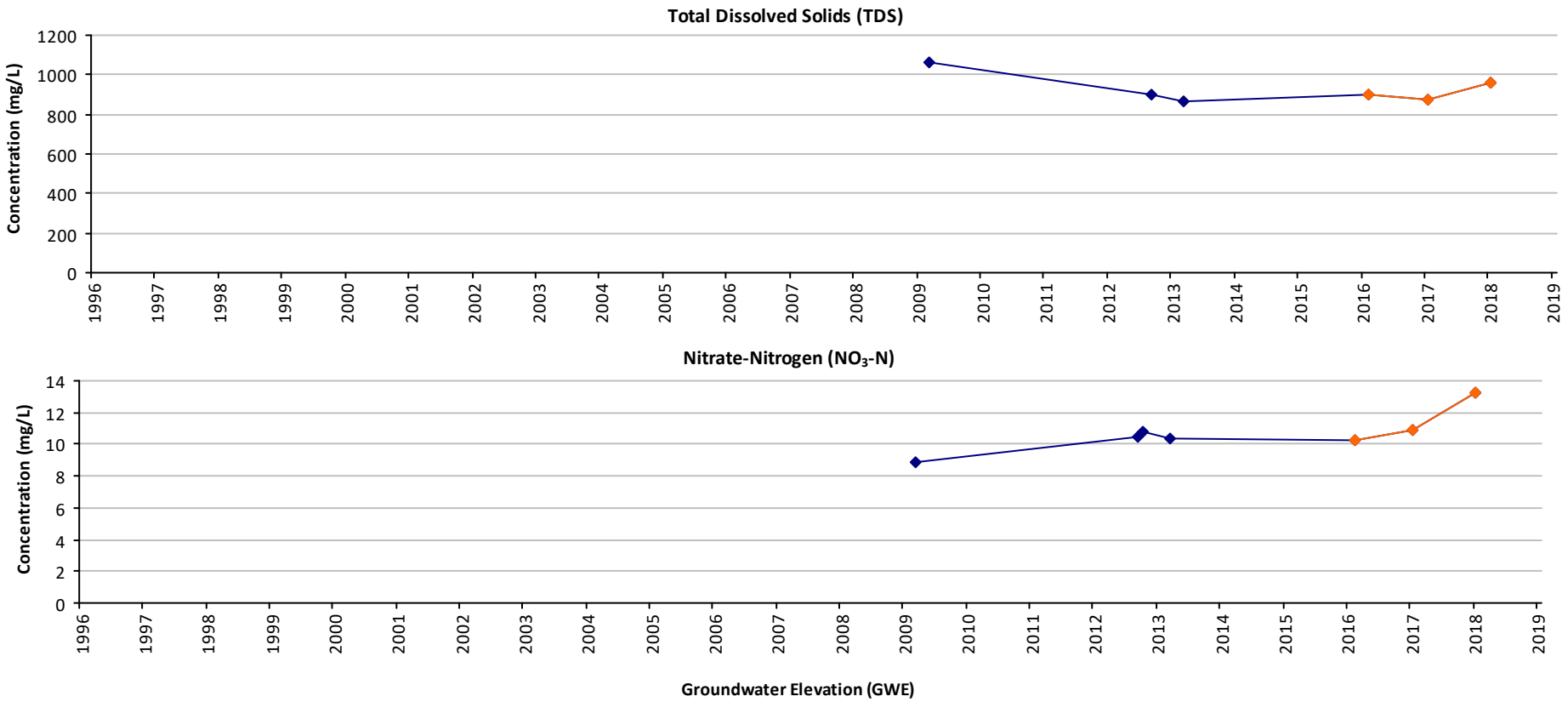

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

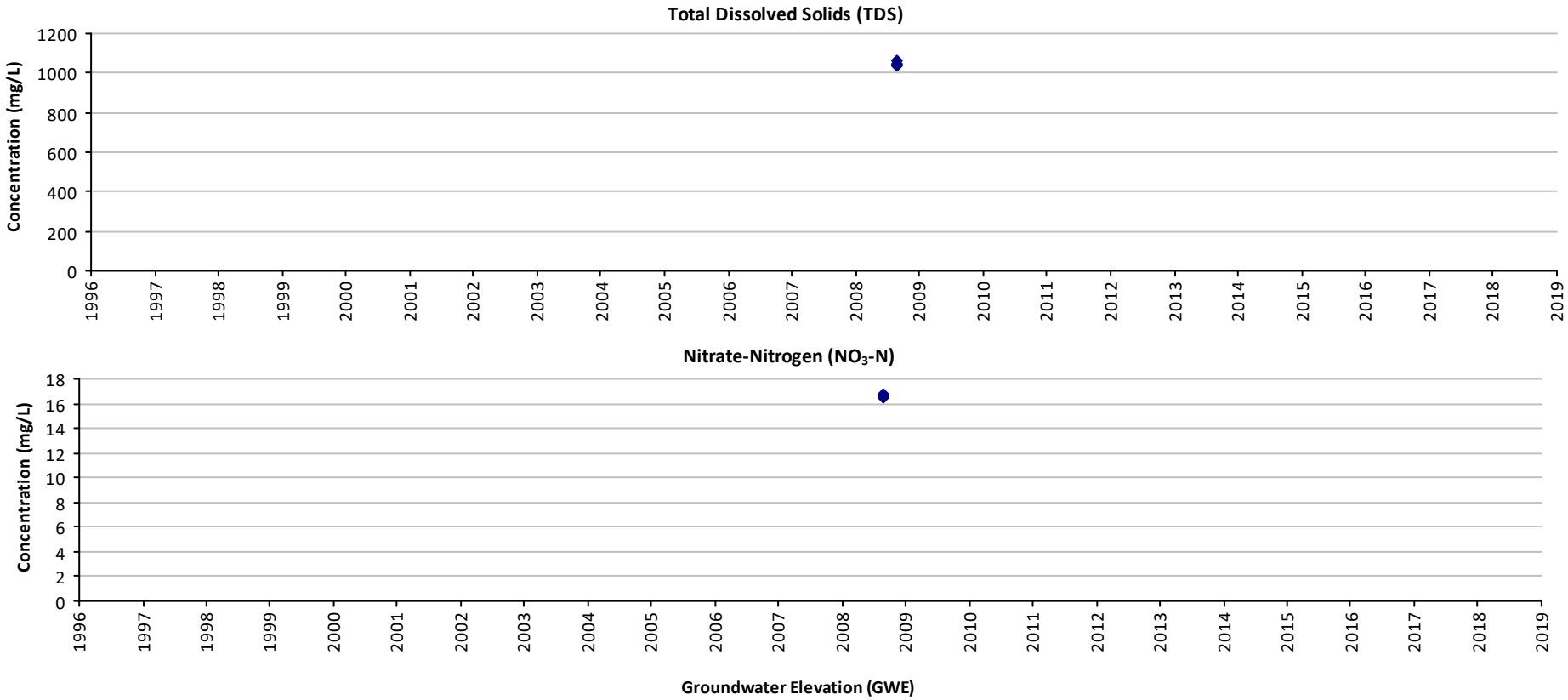

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

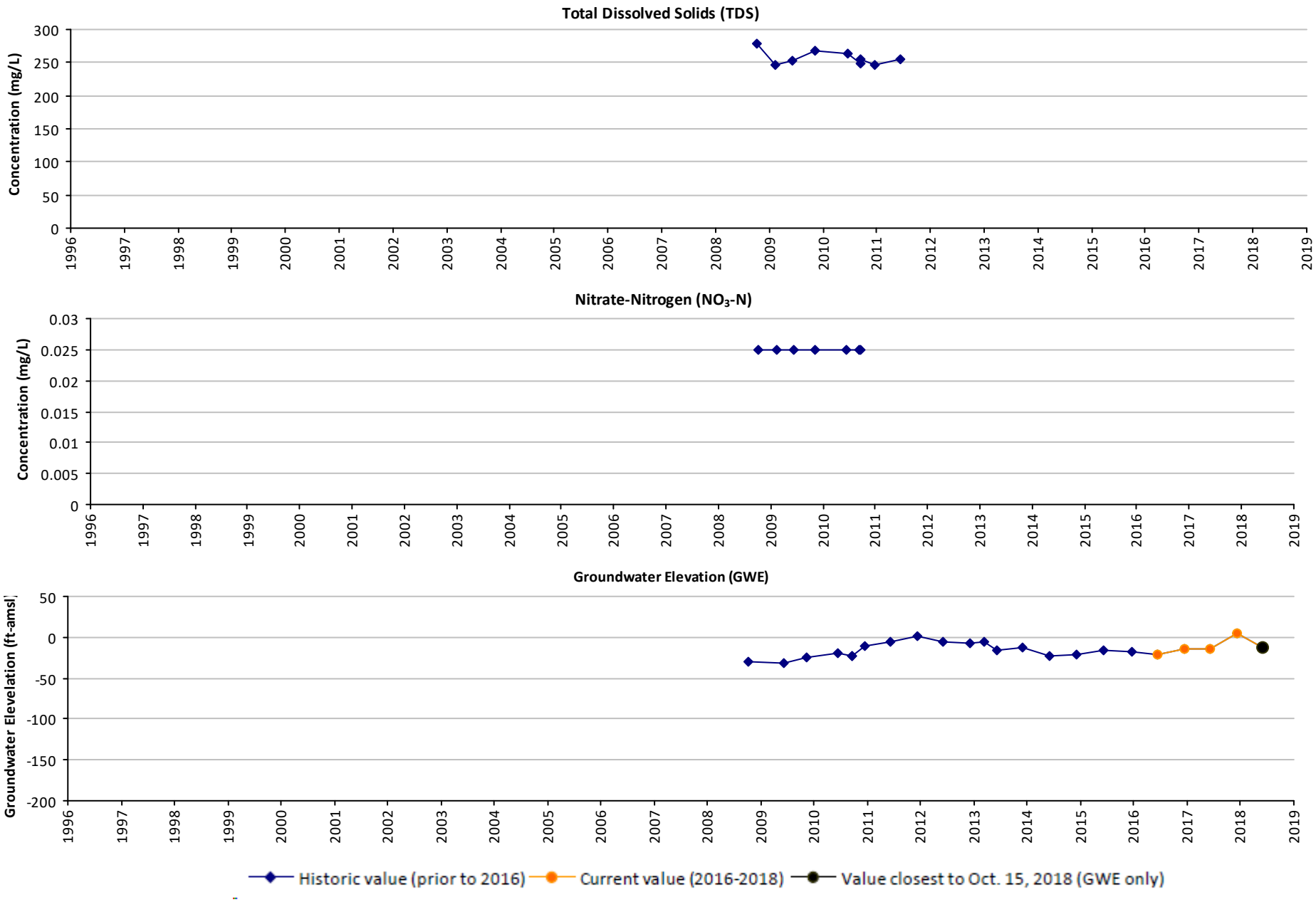

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

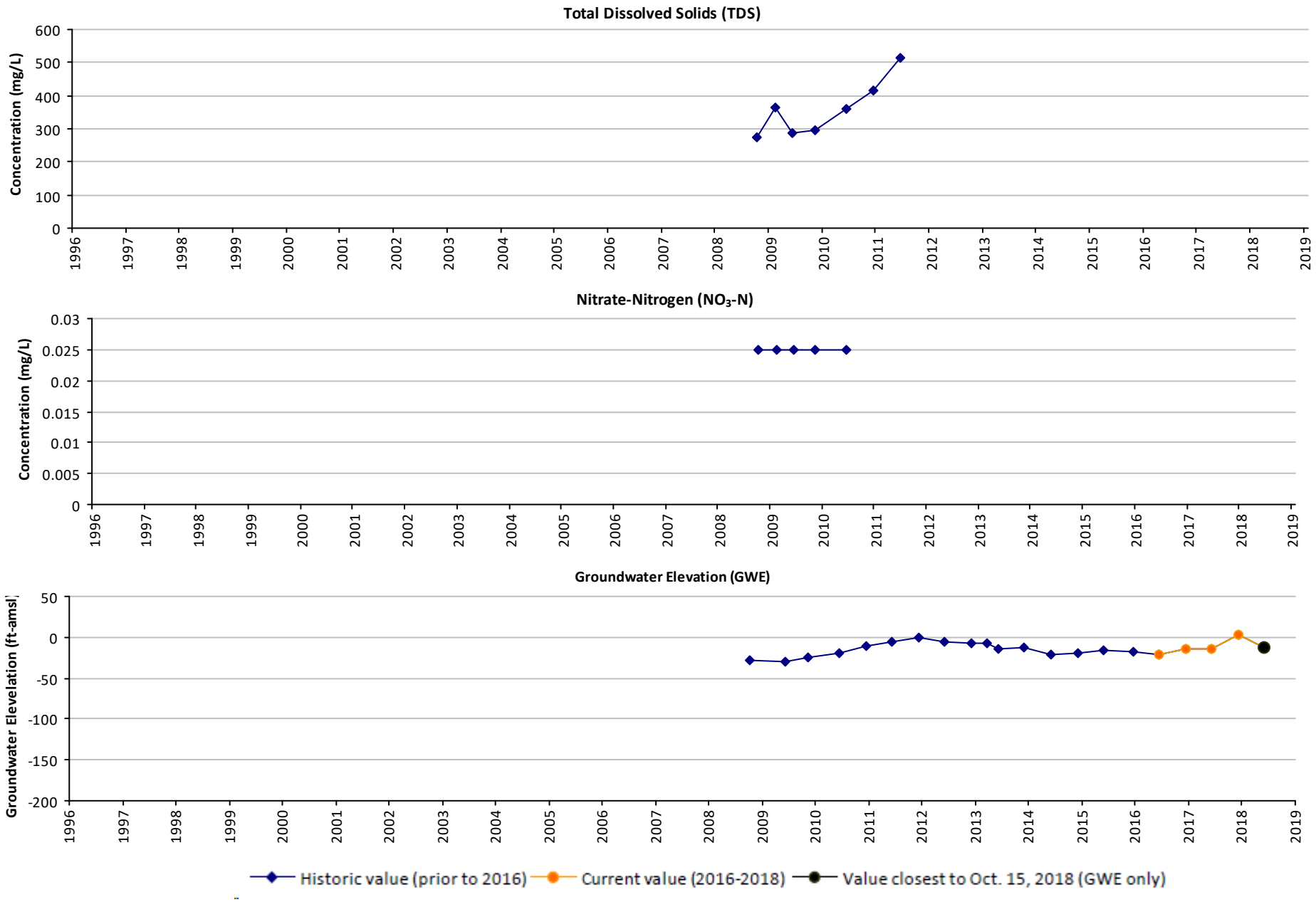

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

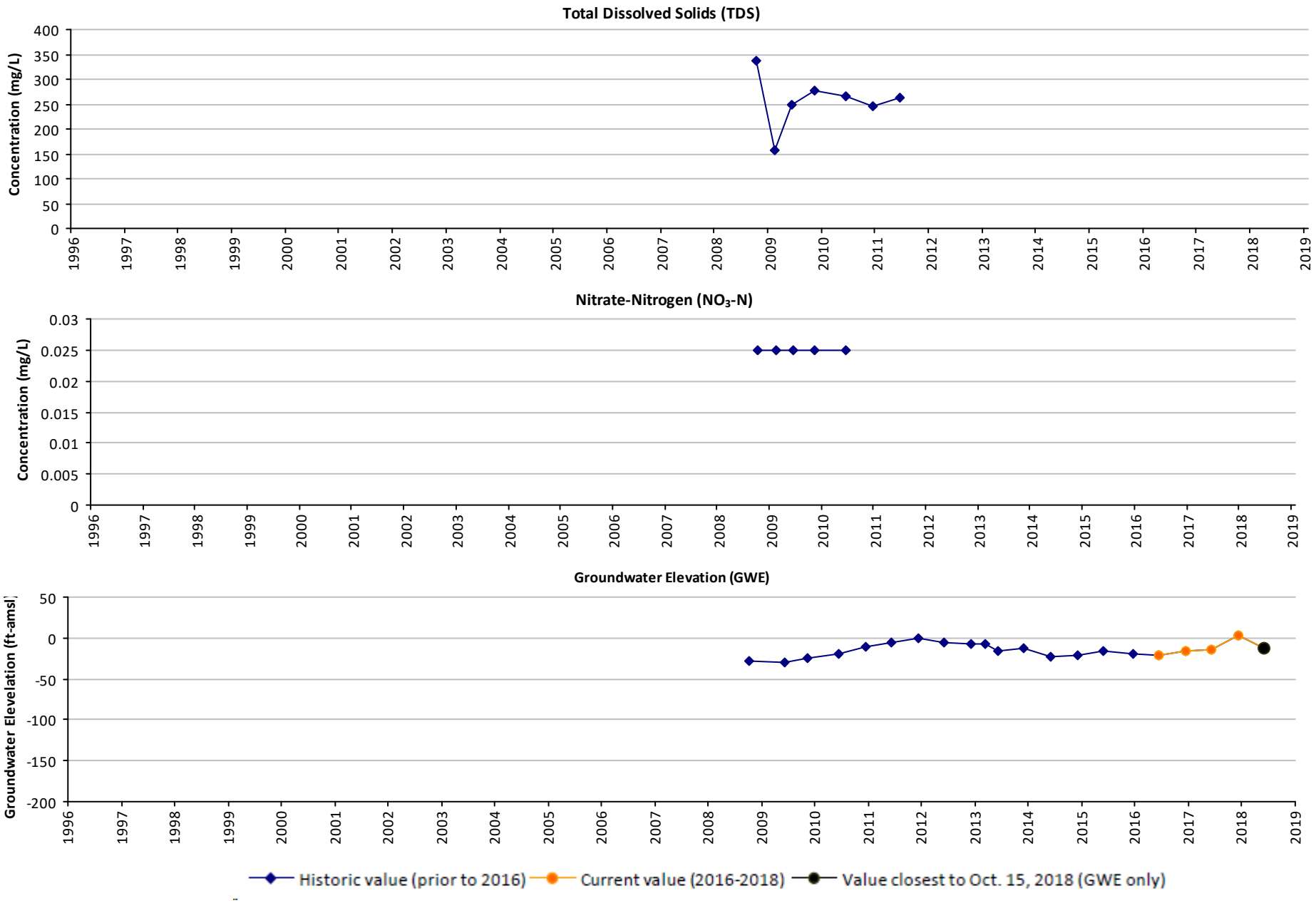

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

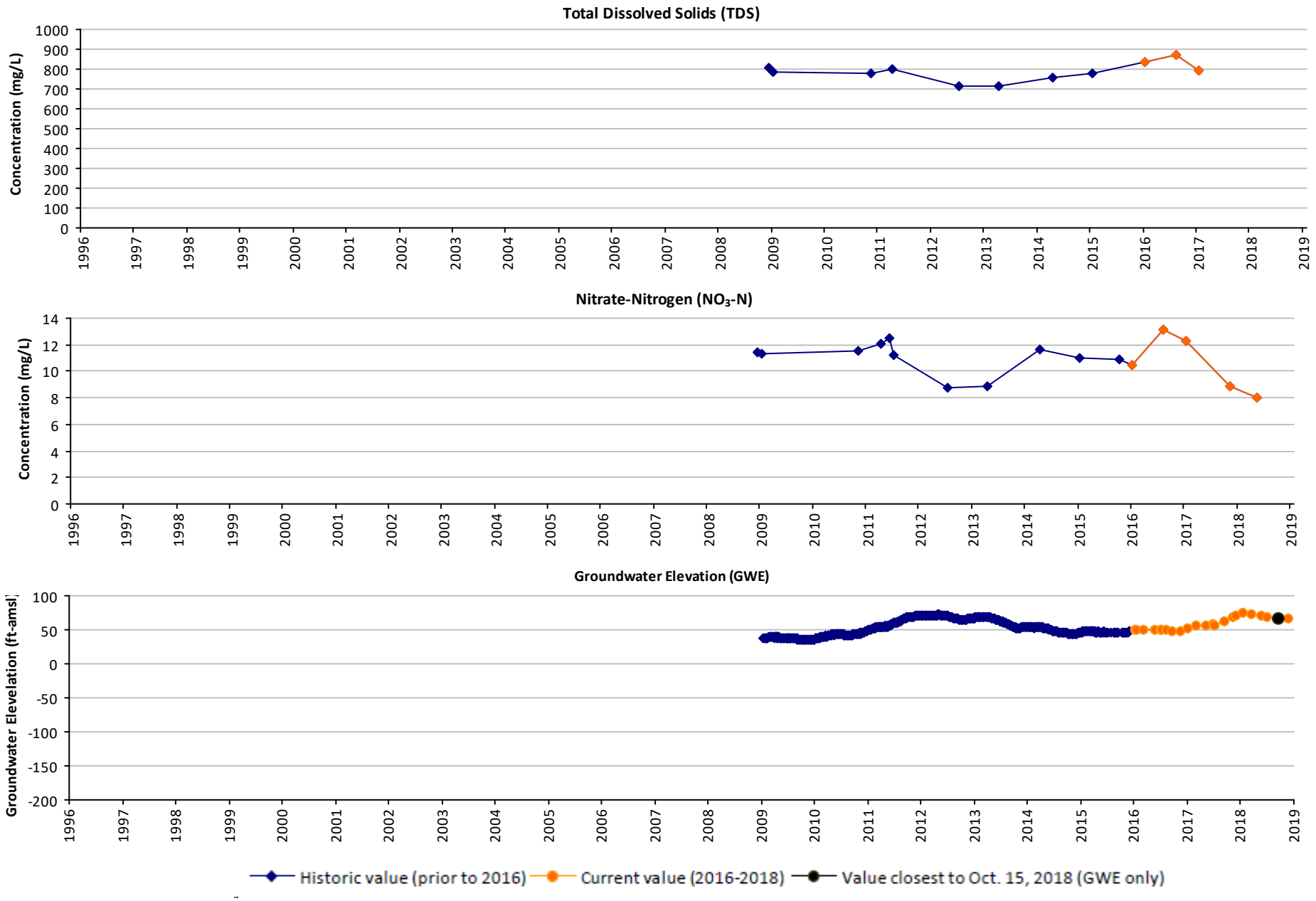

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

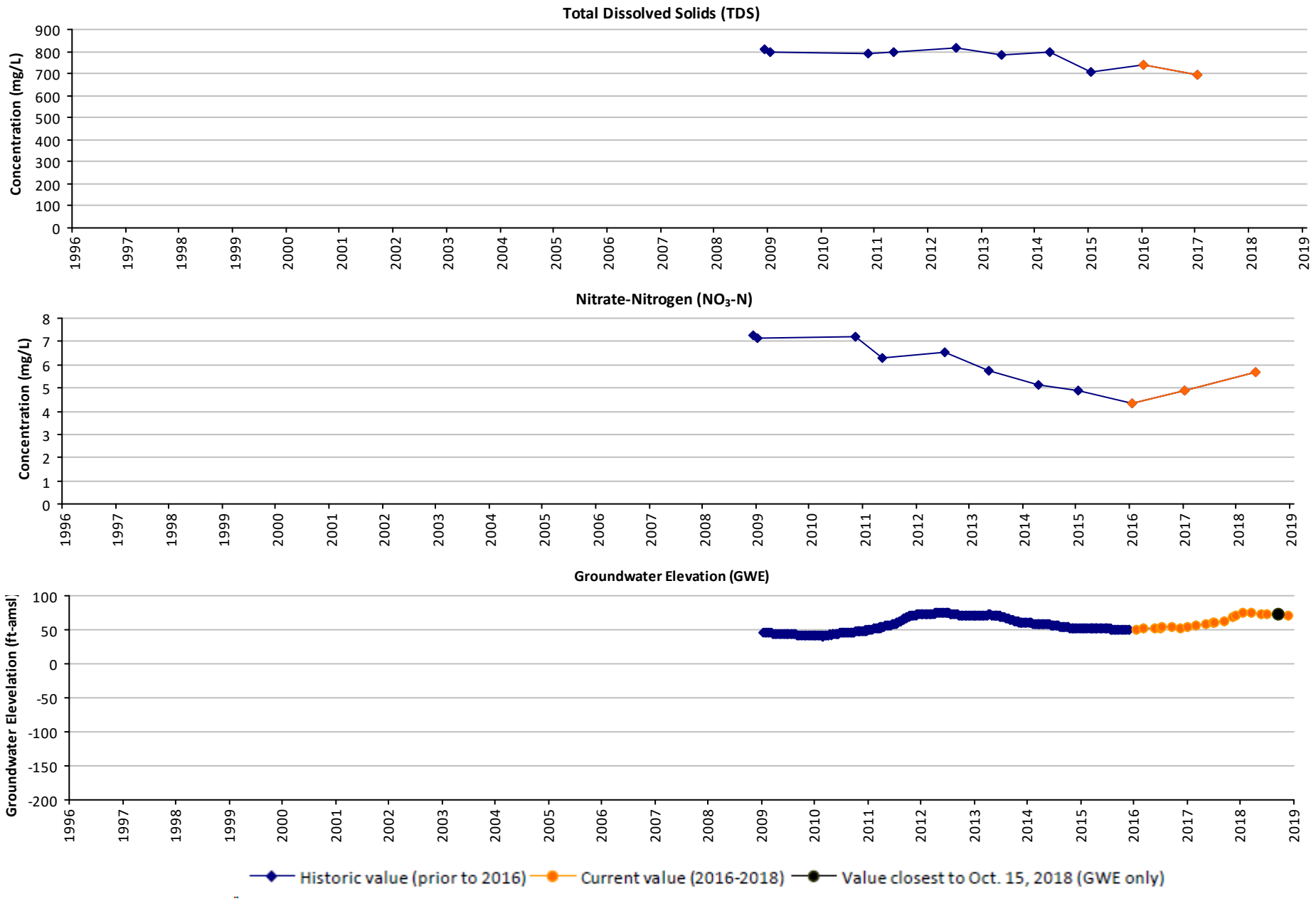

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

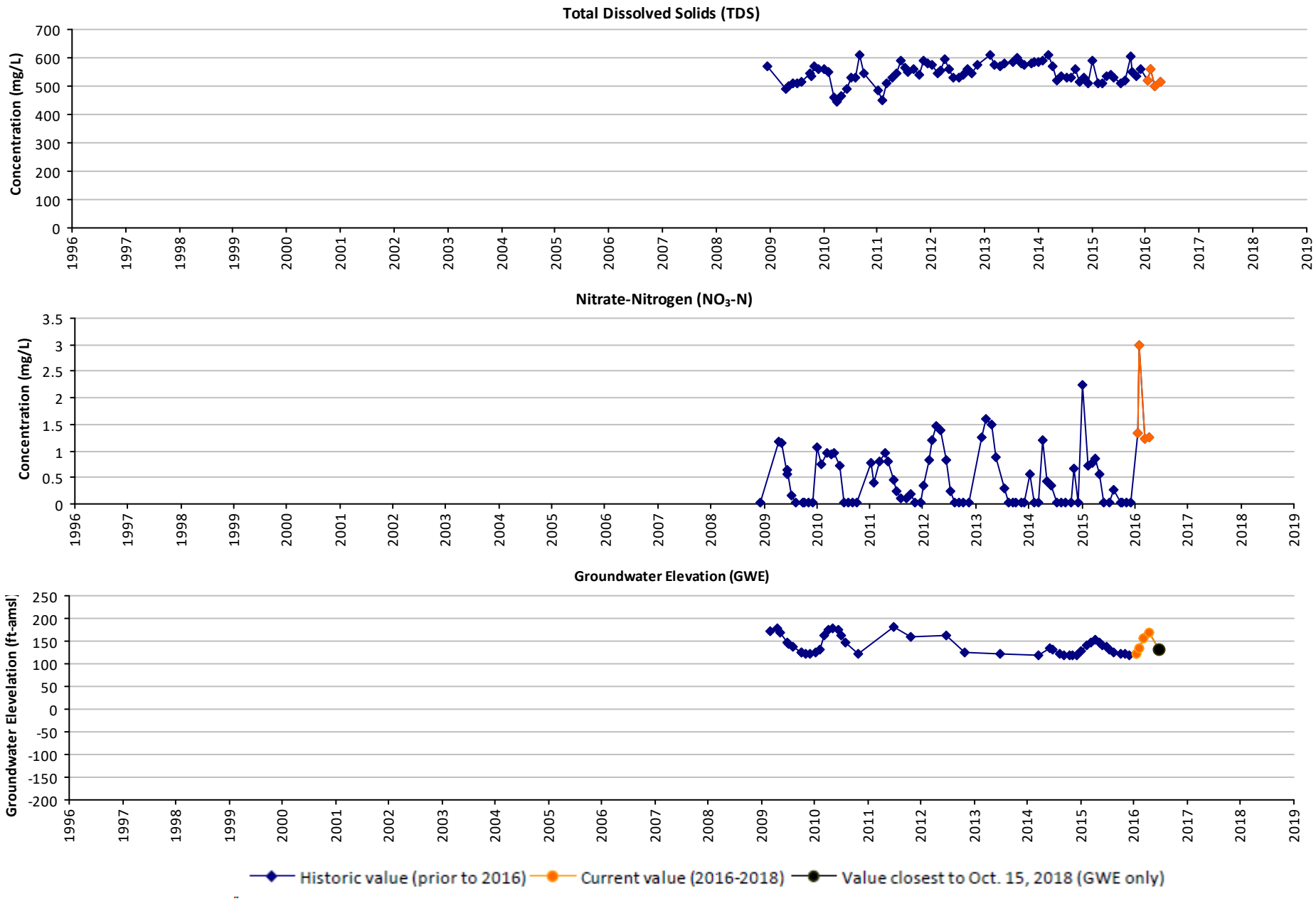

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

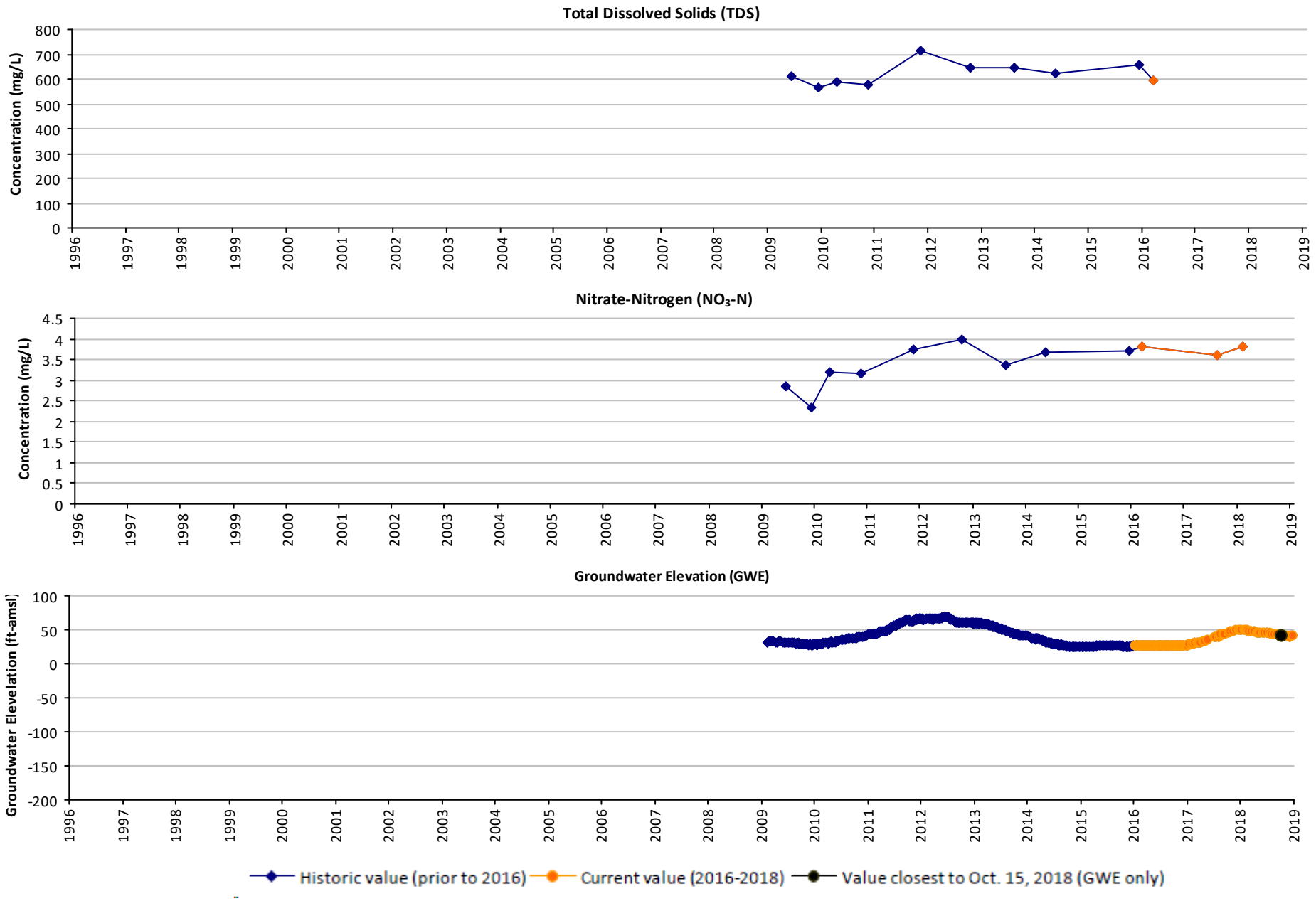

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

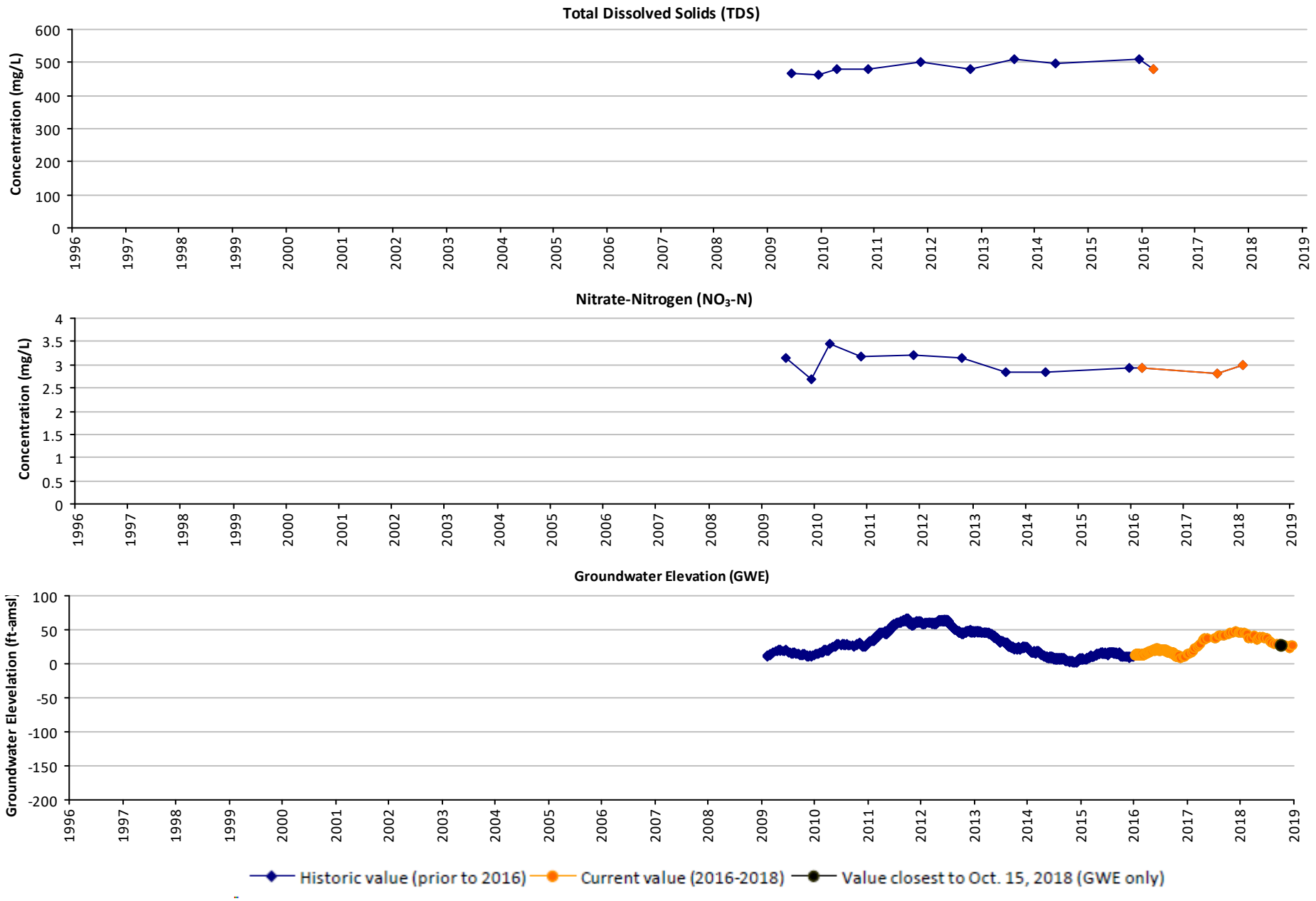

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

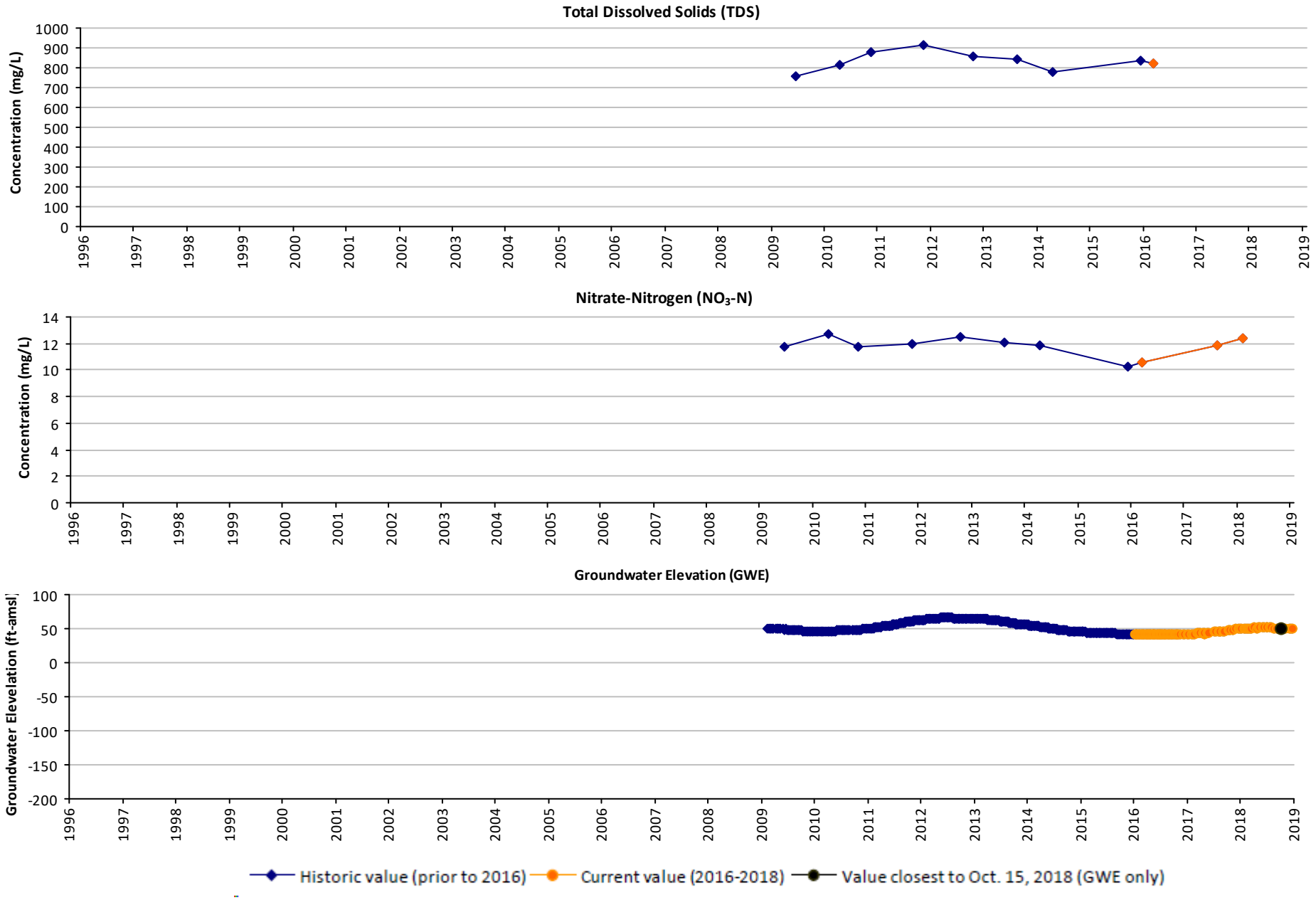

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

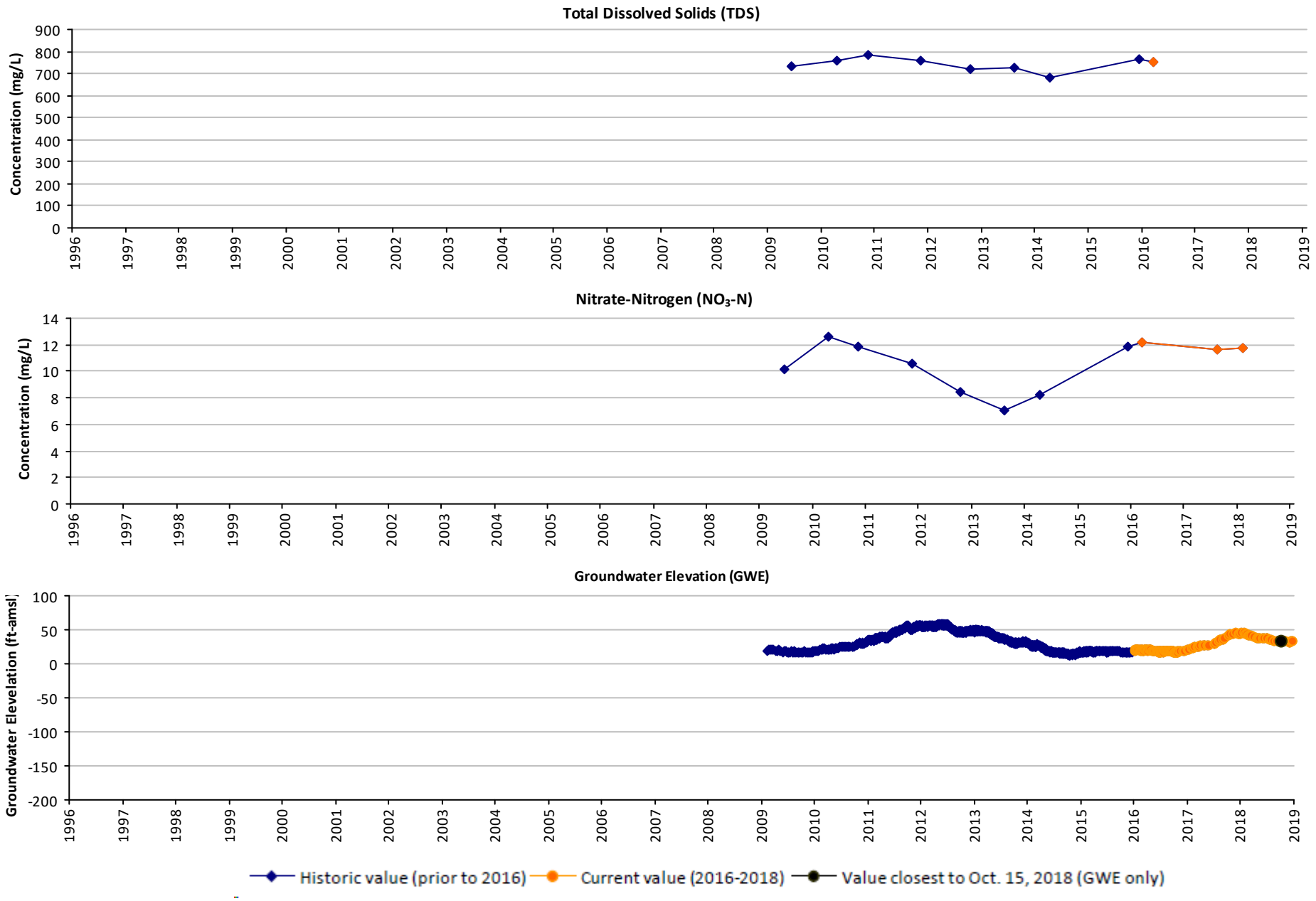

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

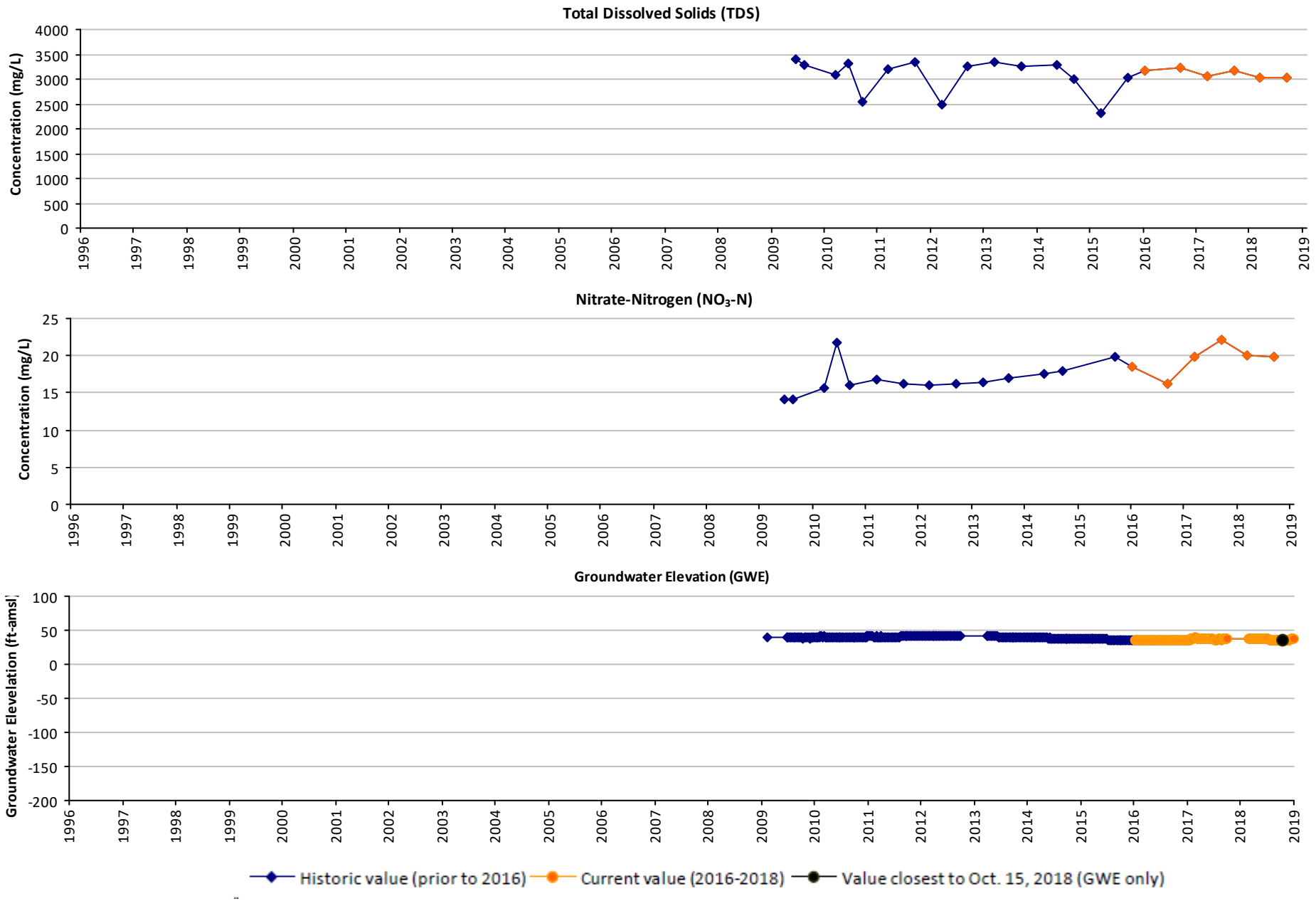

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
200
250
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

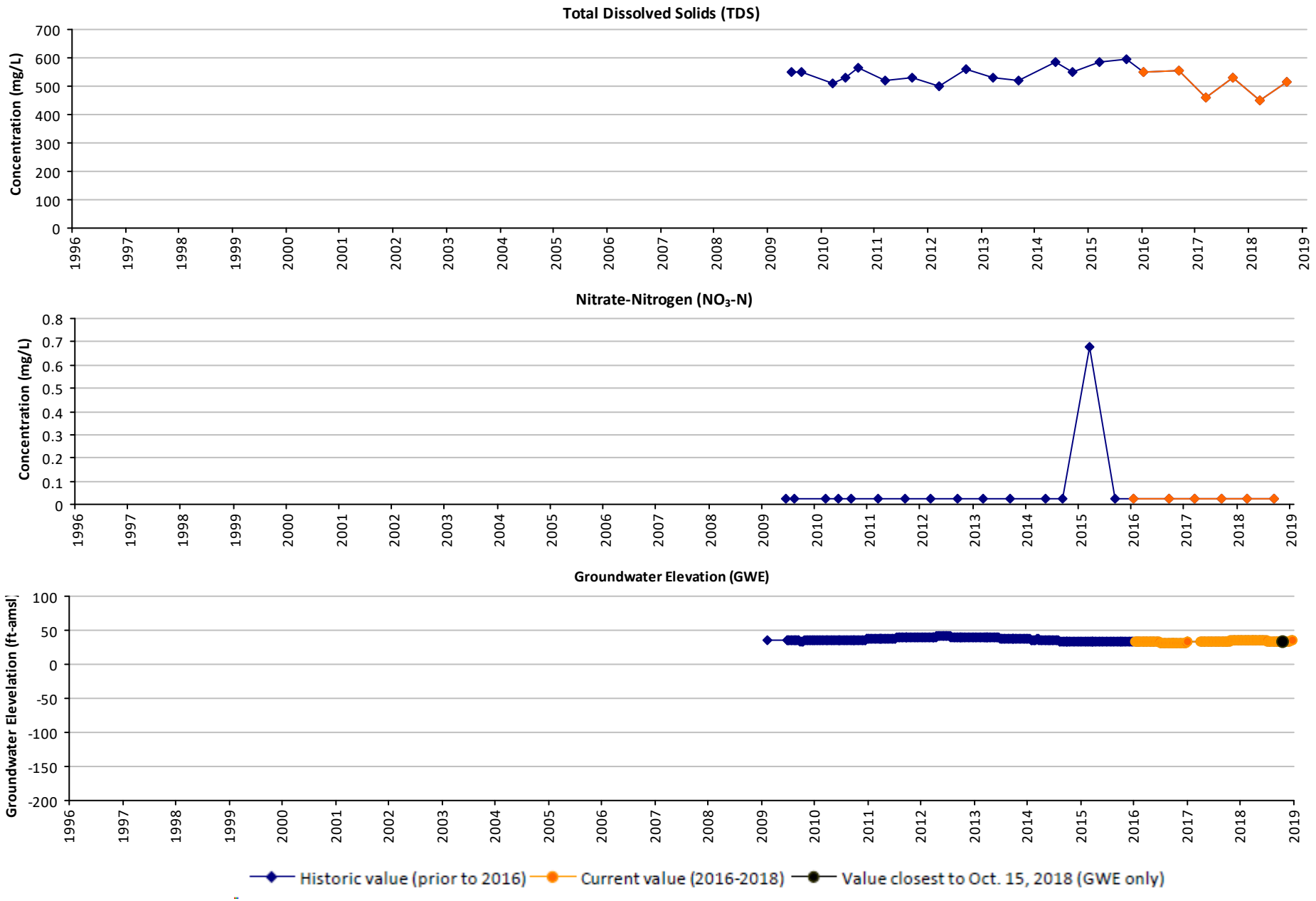

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

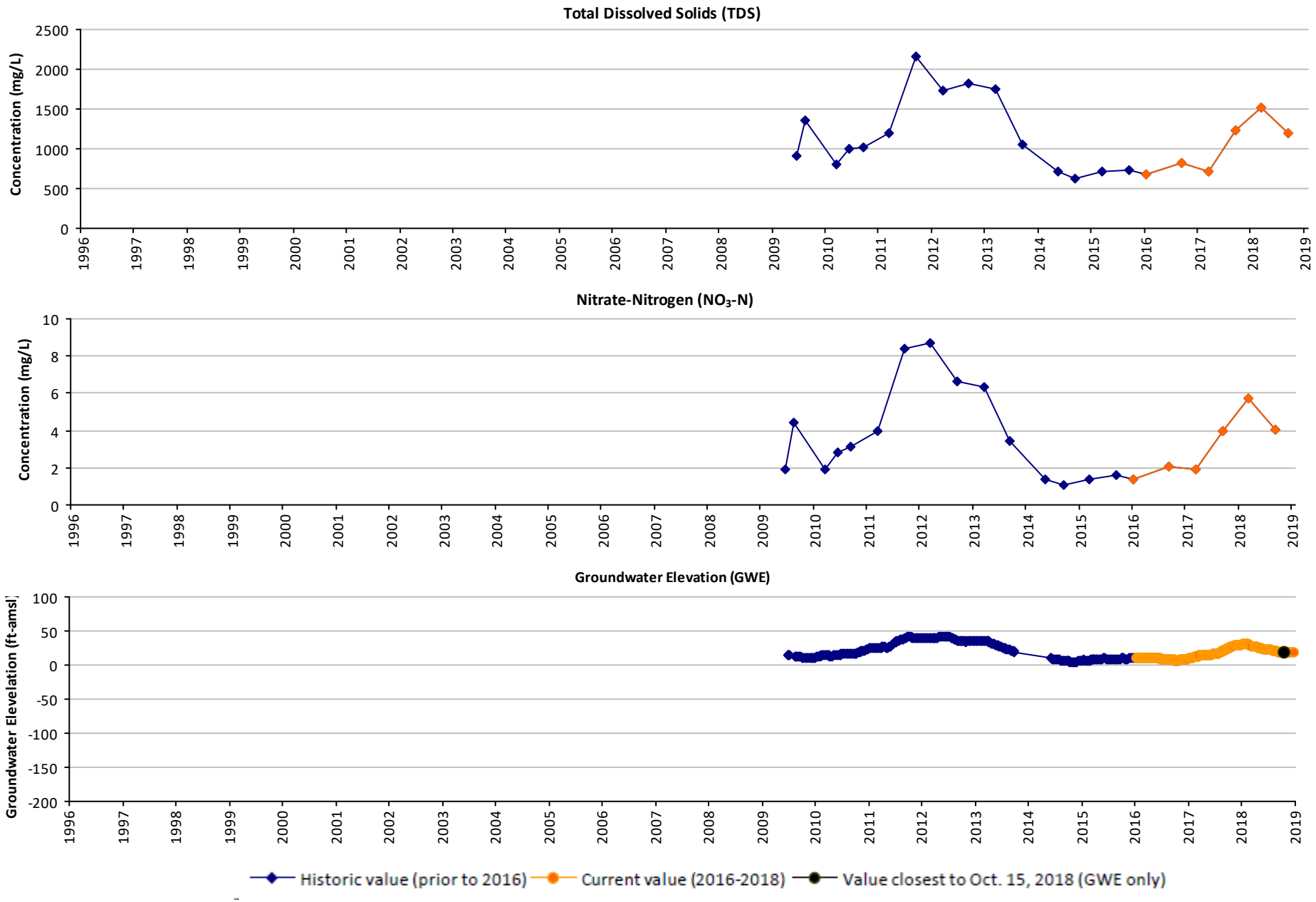

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

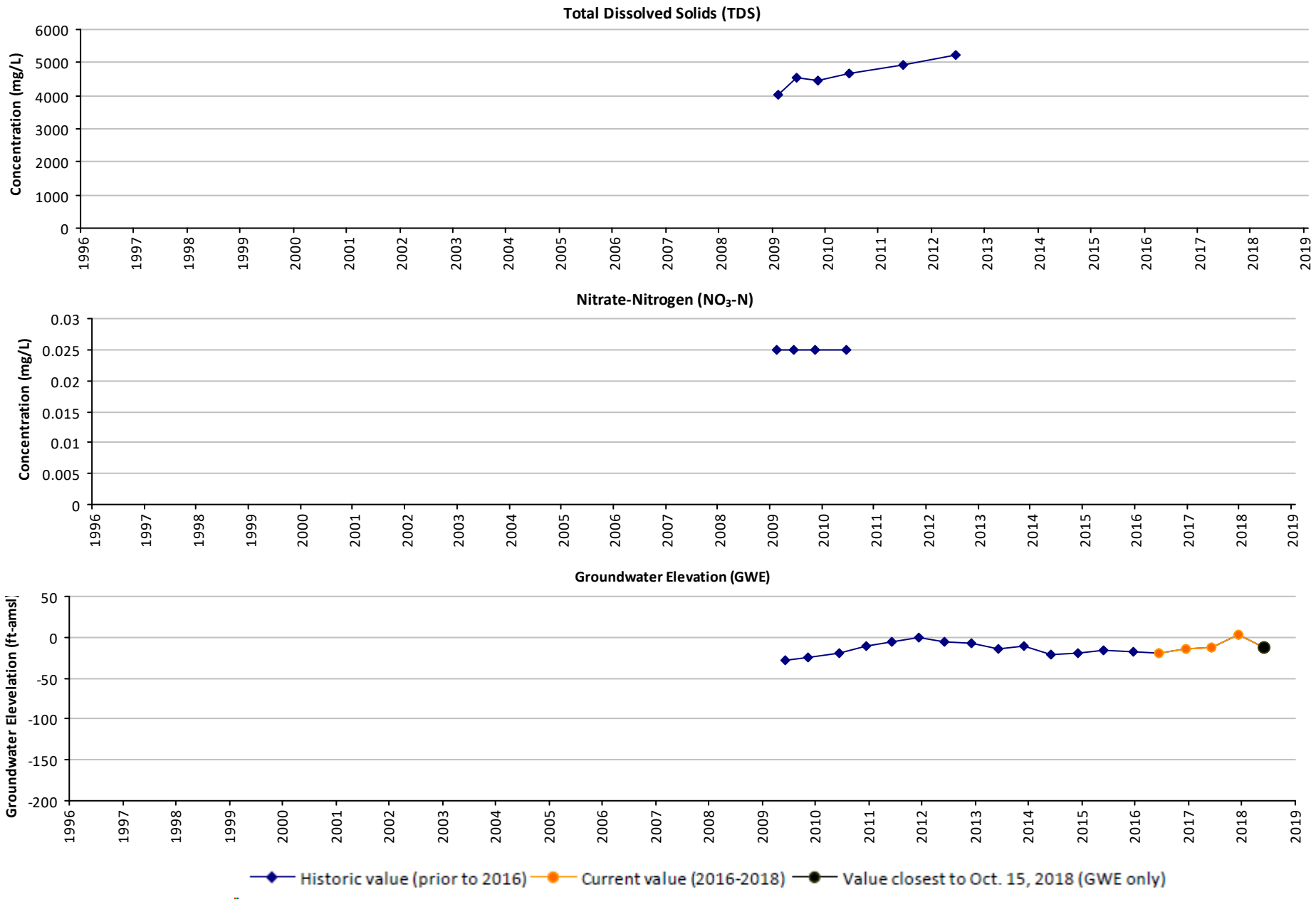

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

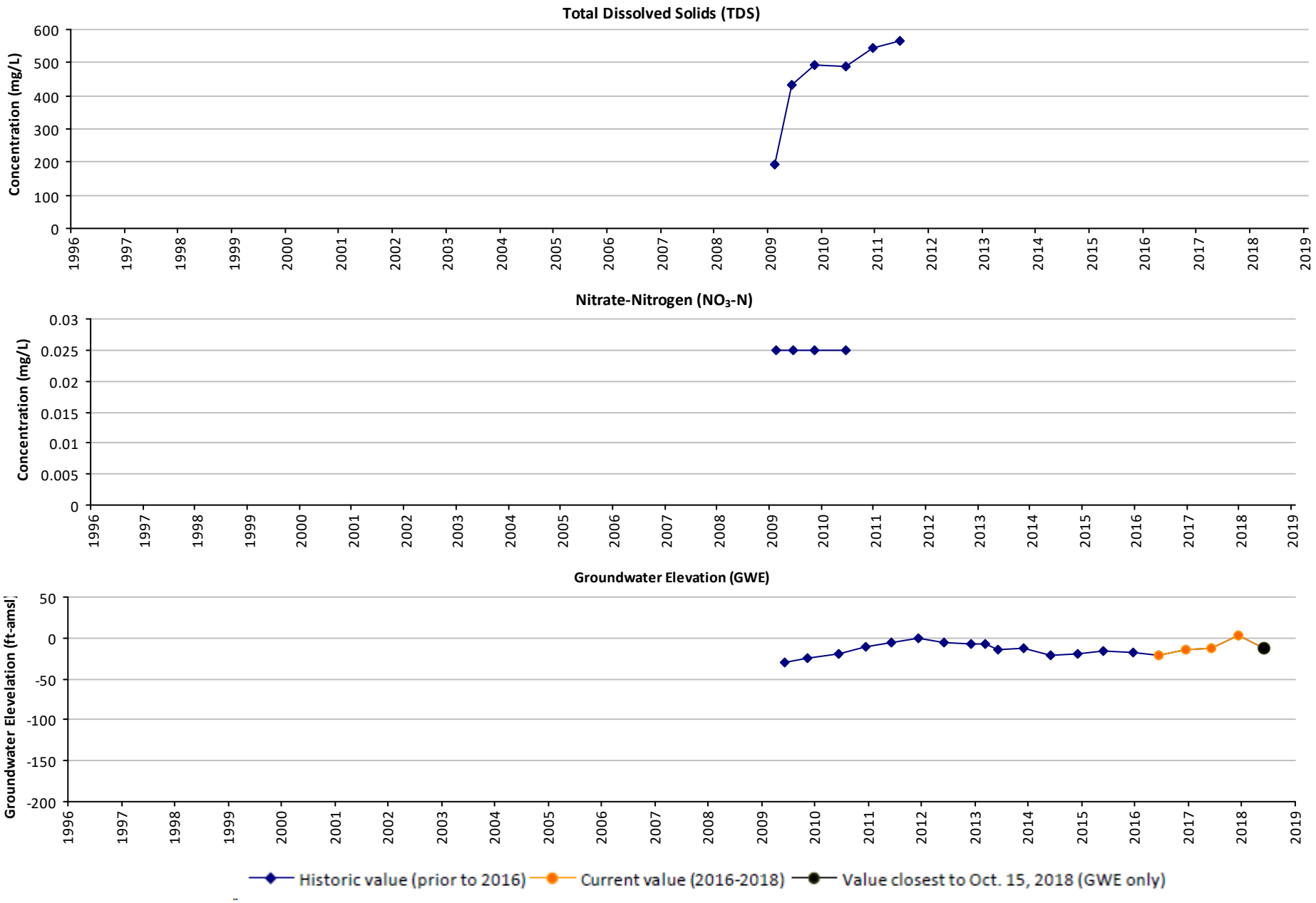

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

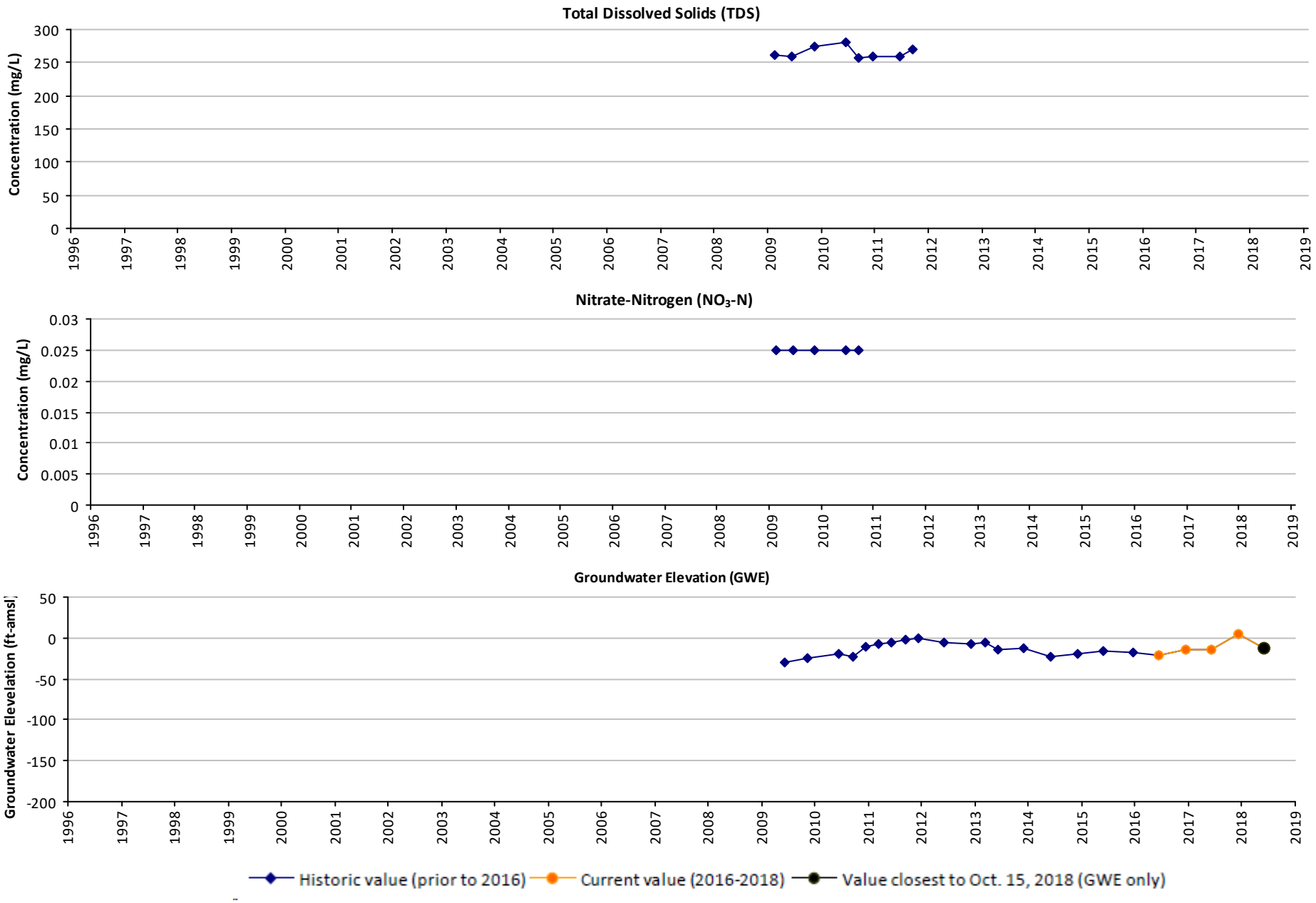

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

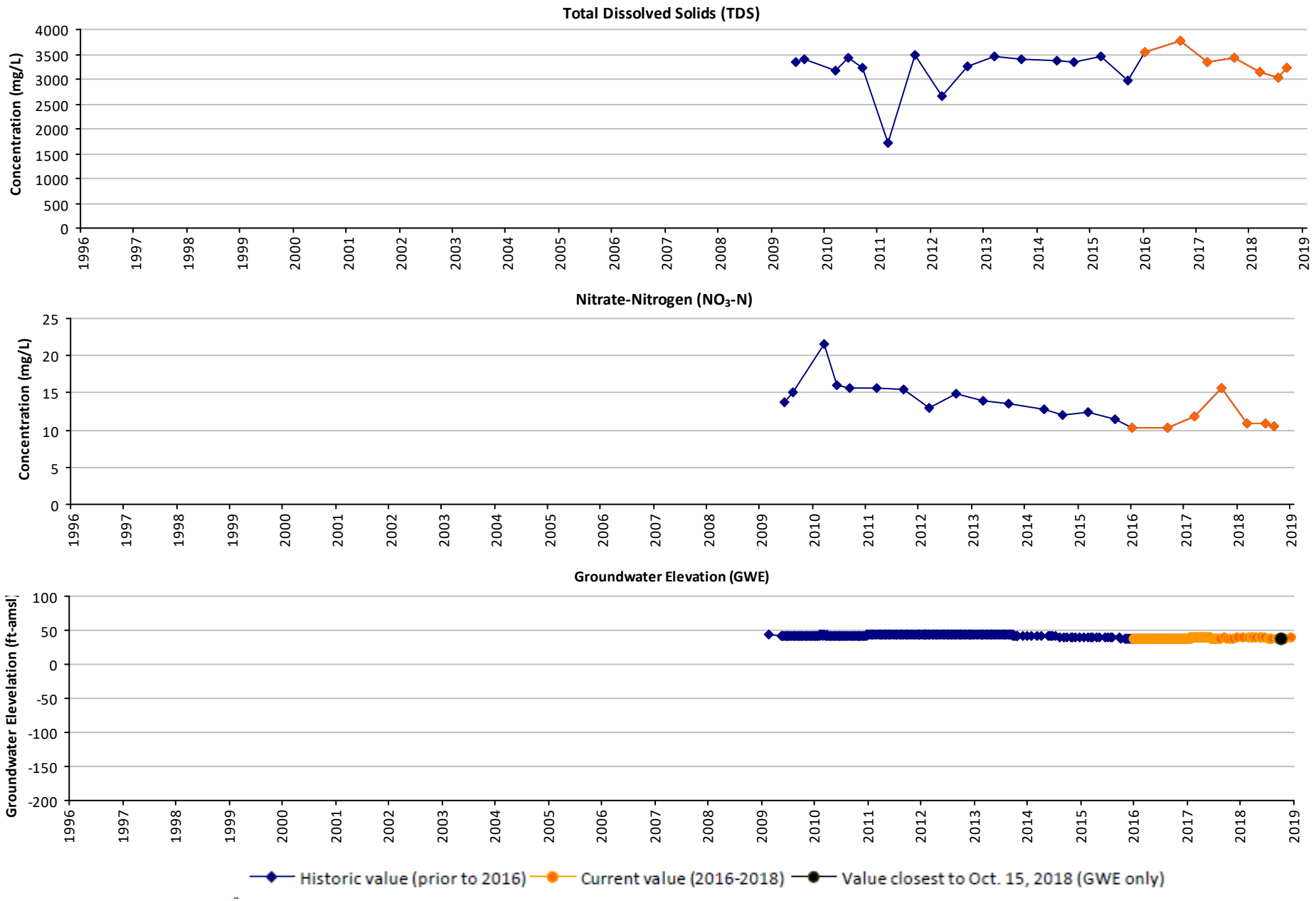

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

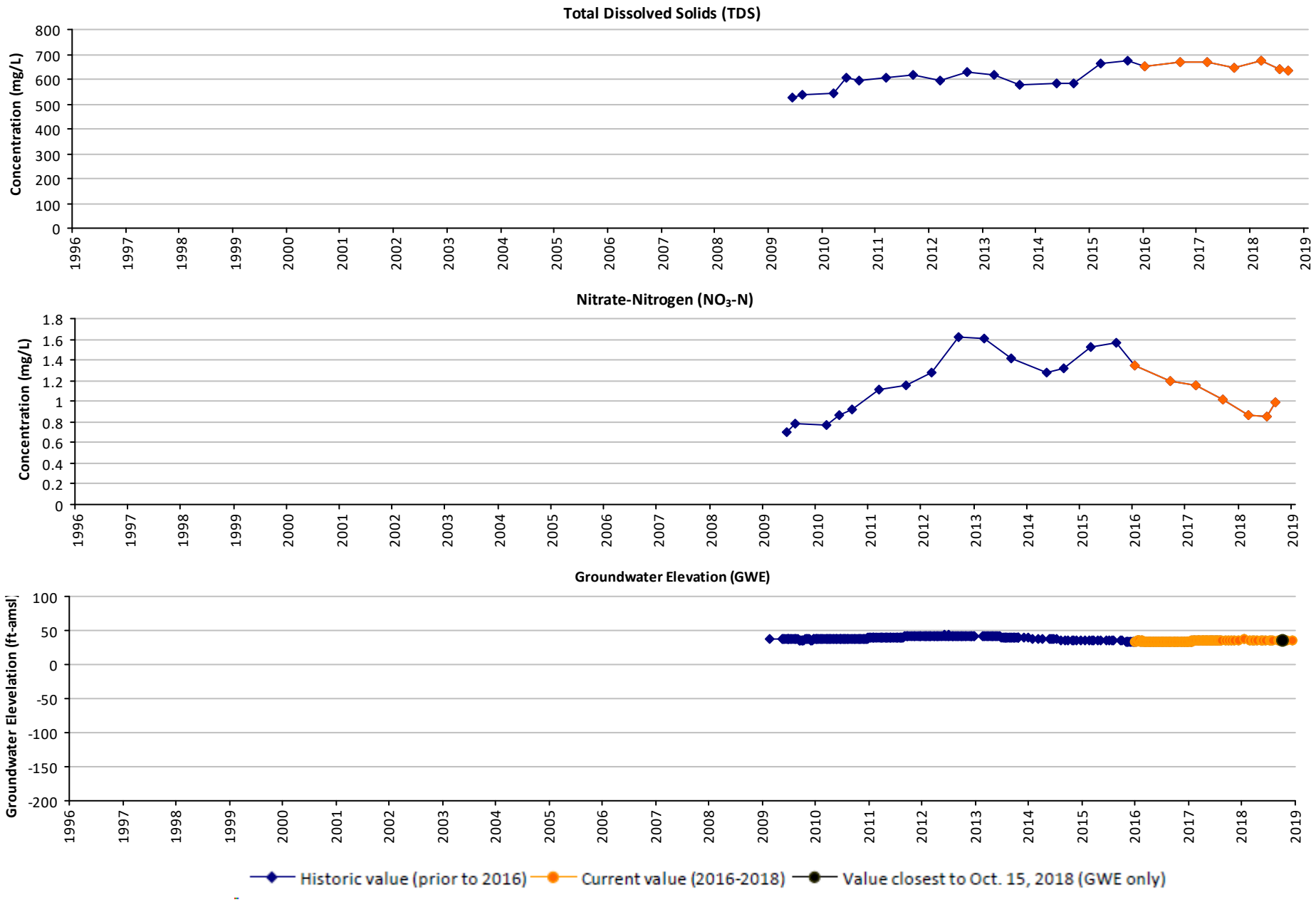

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

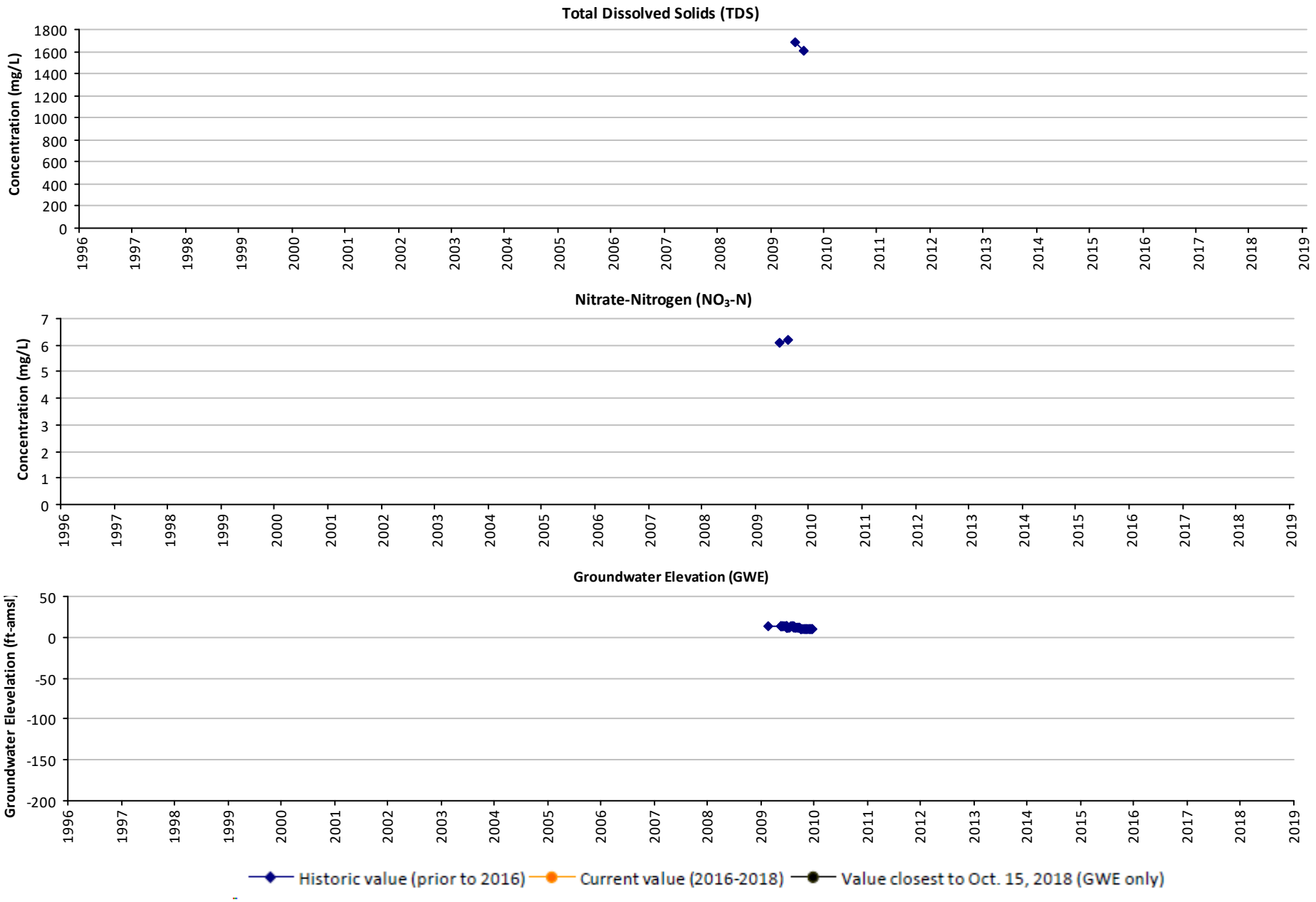

Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

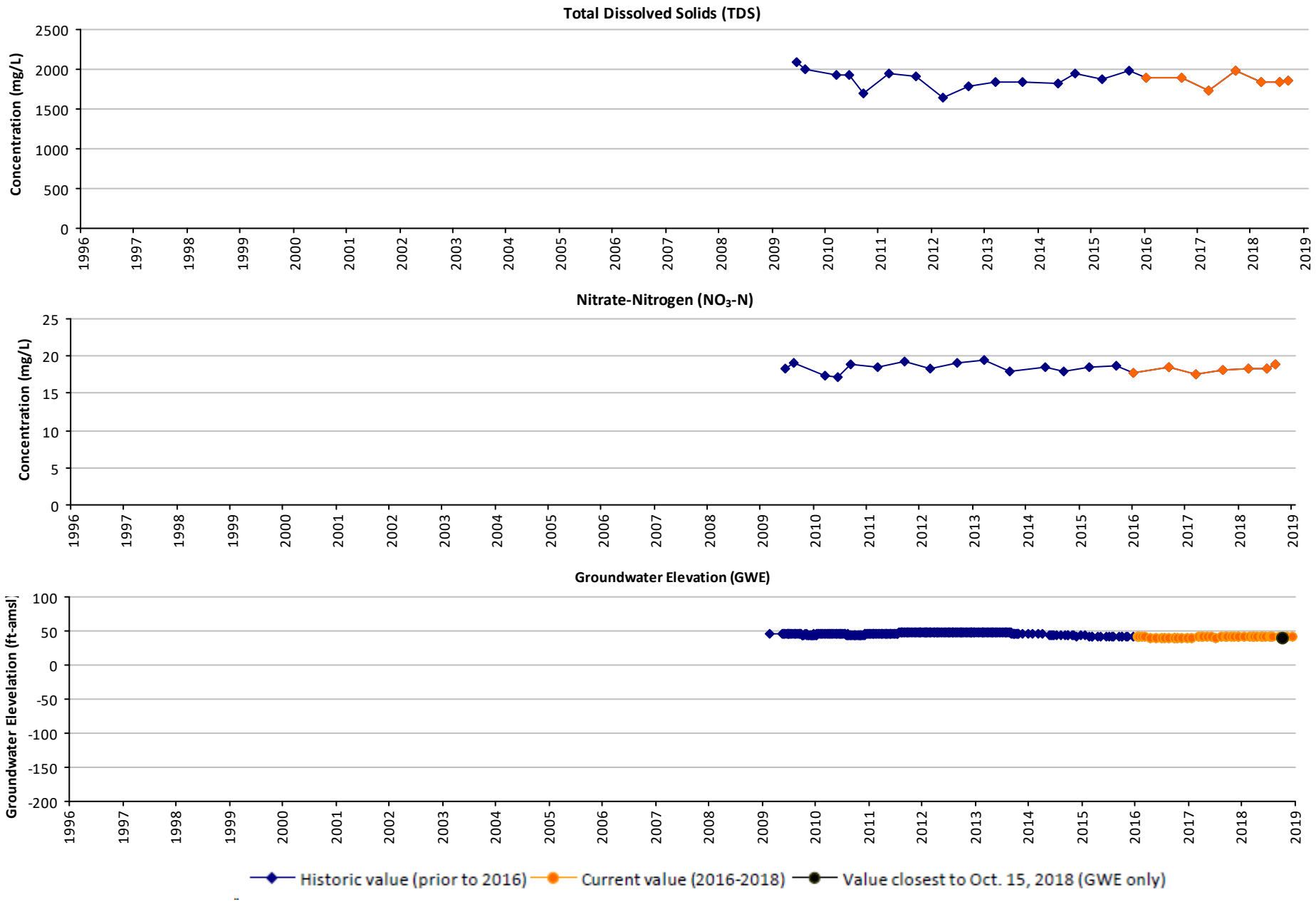

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

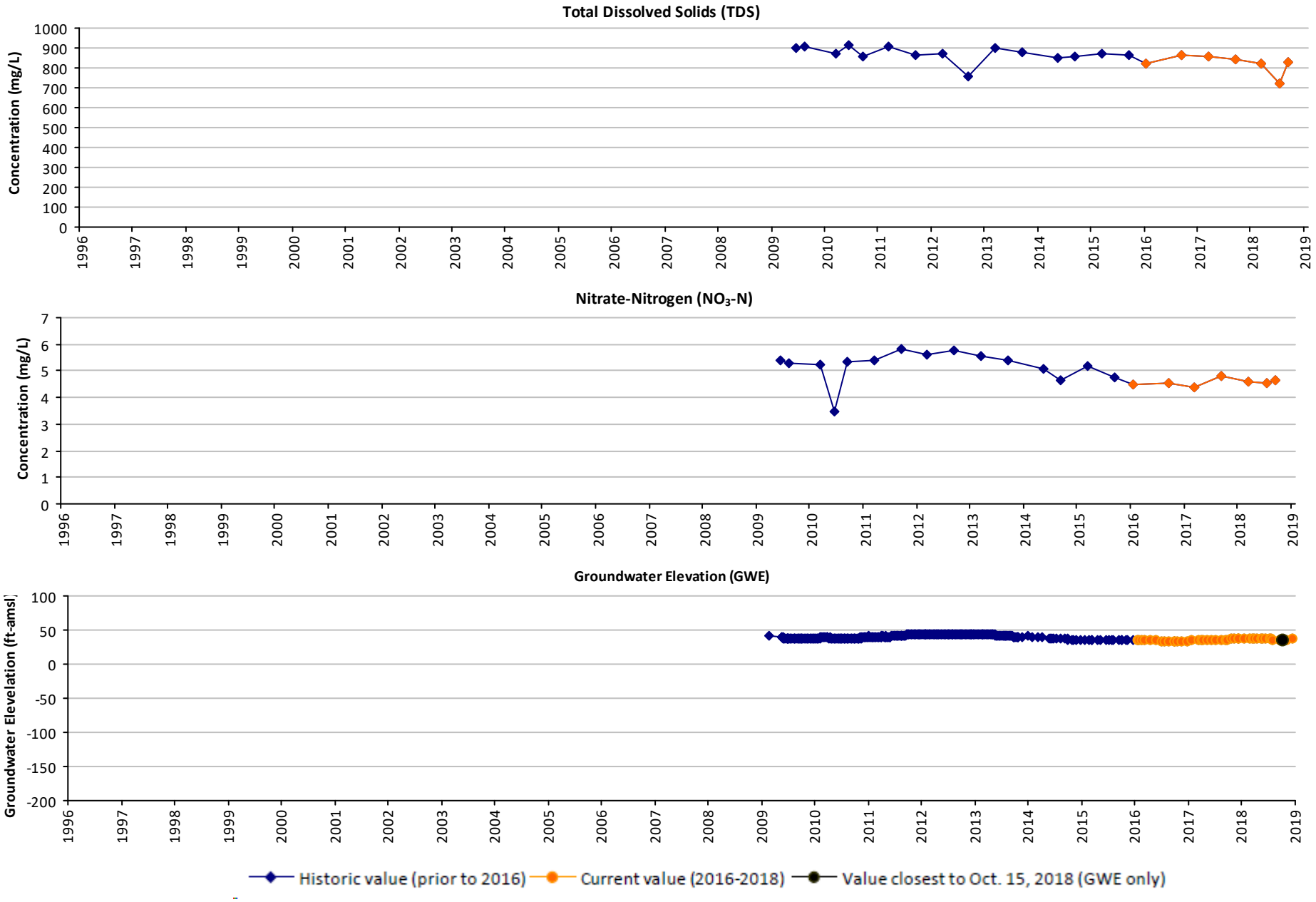

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

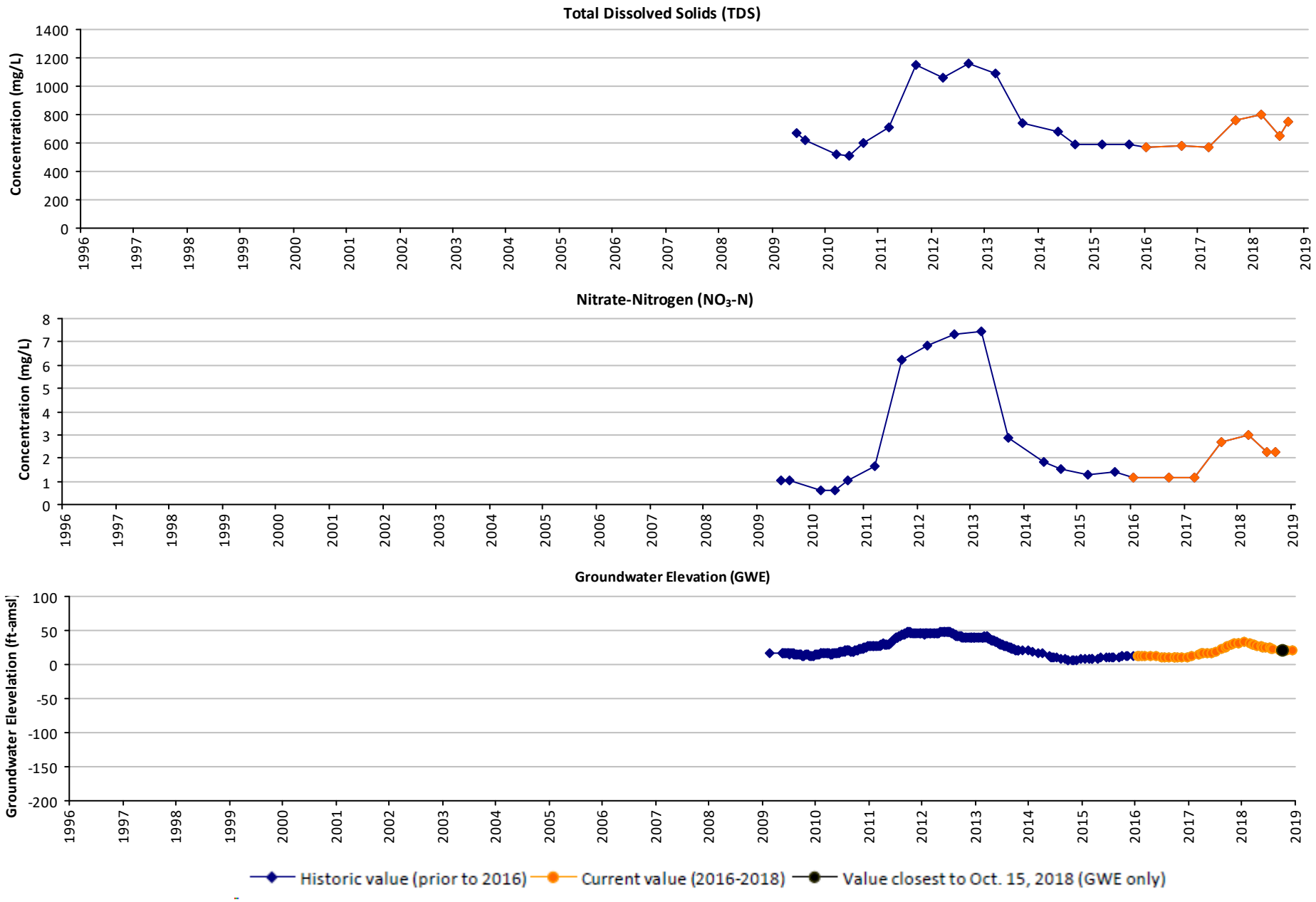

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

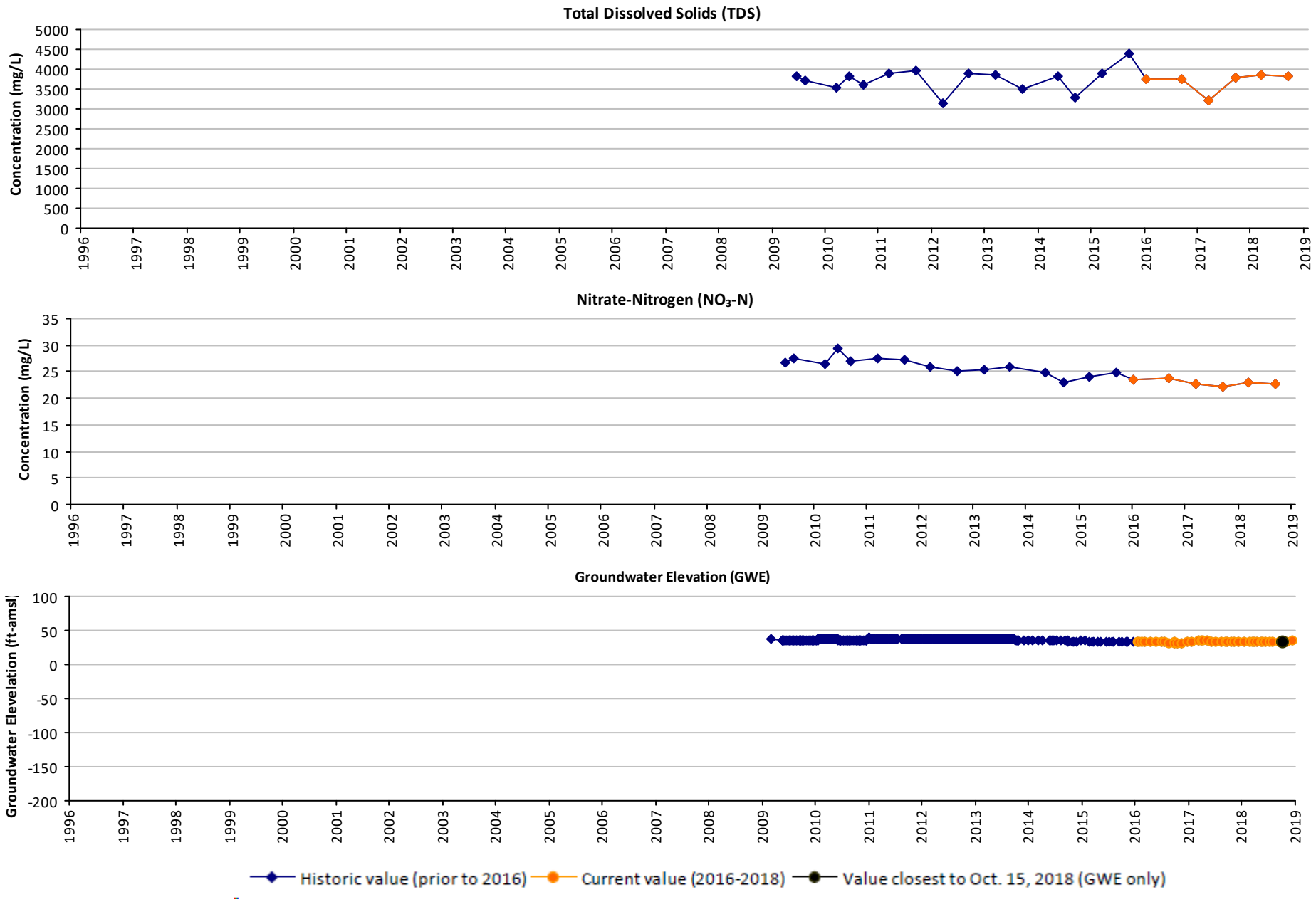

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

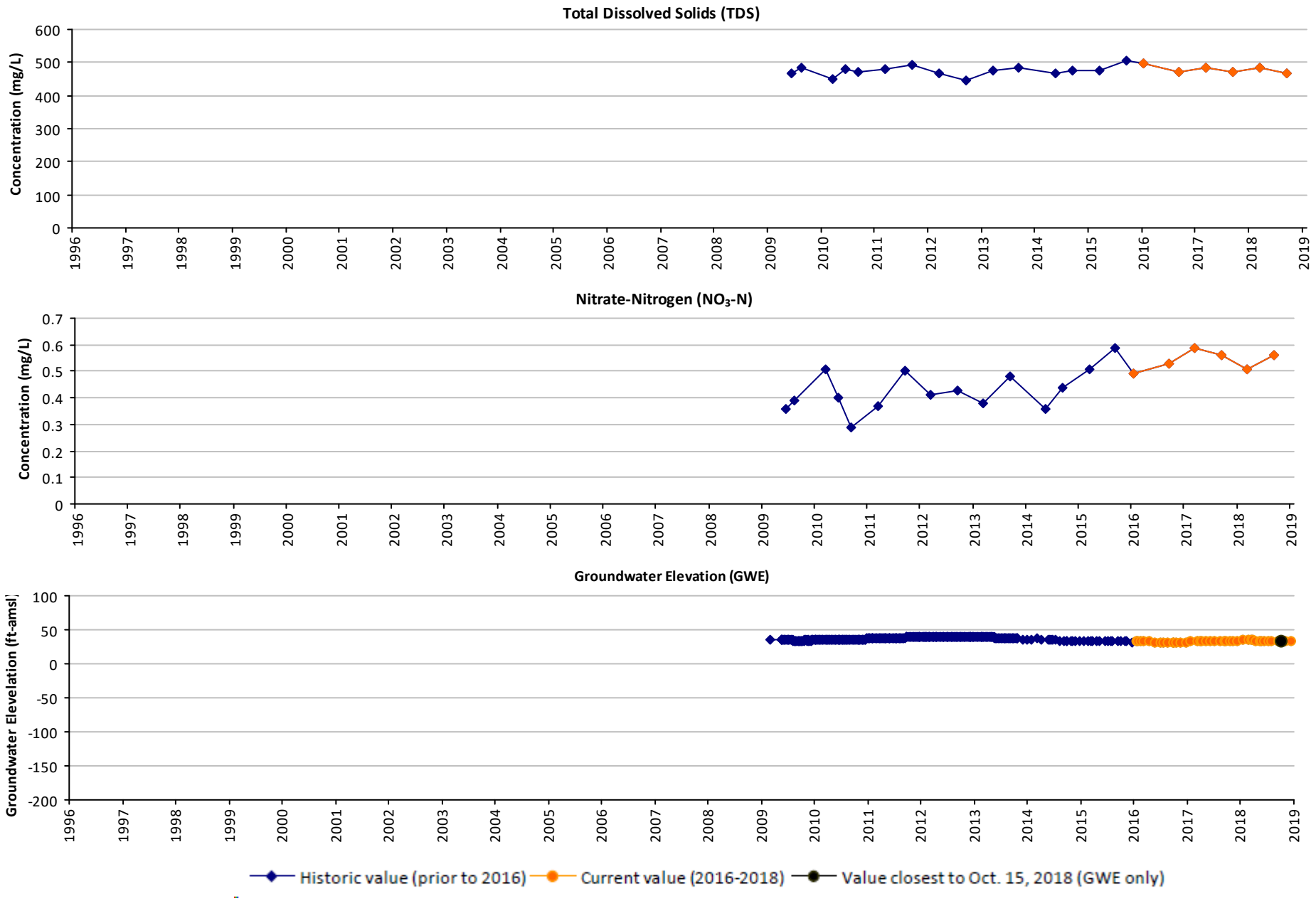

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

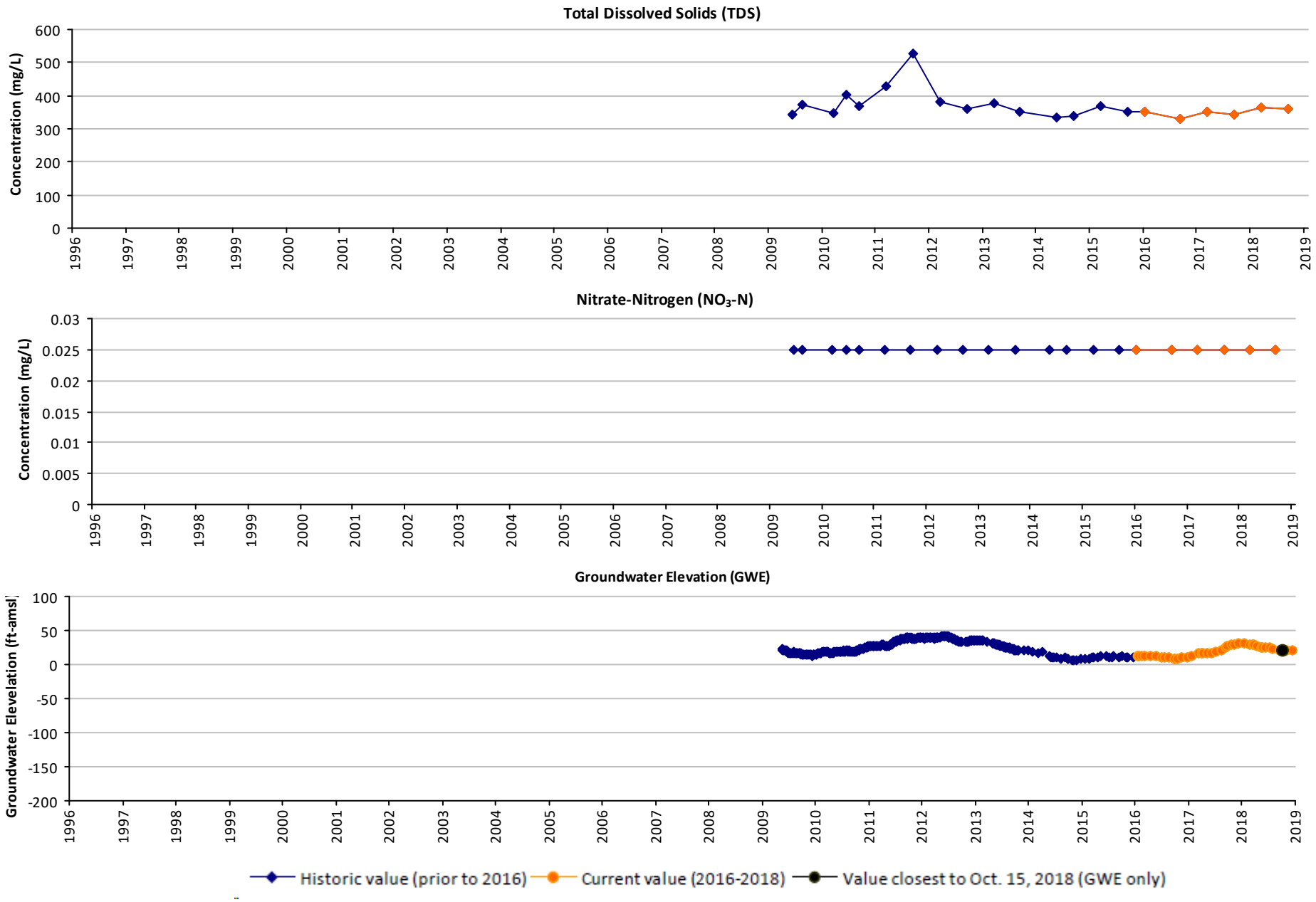

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

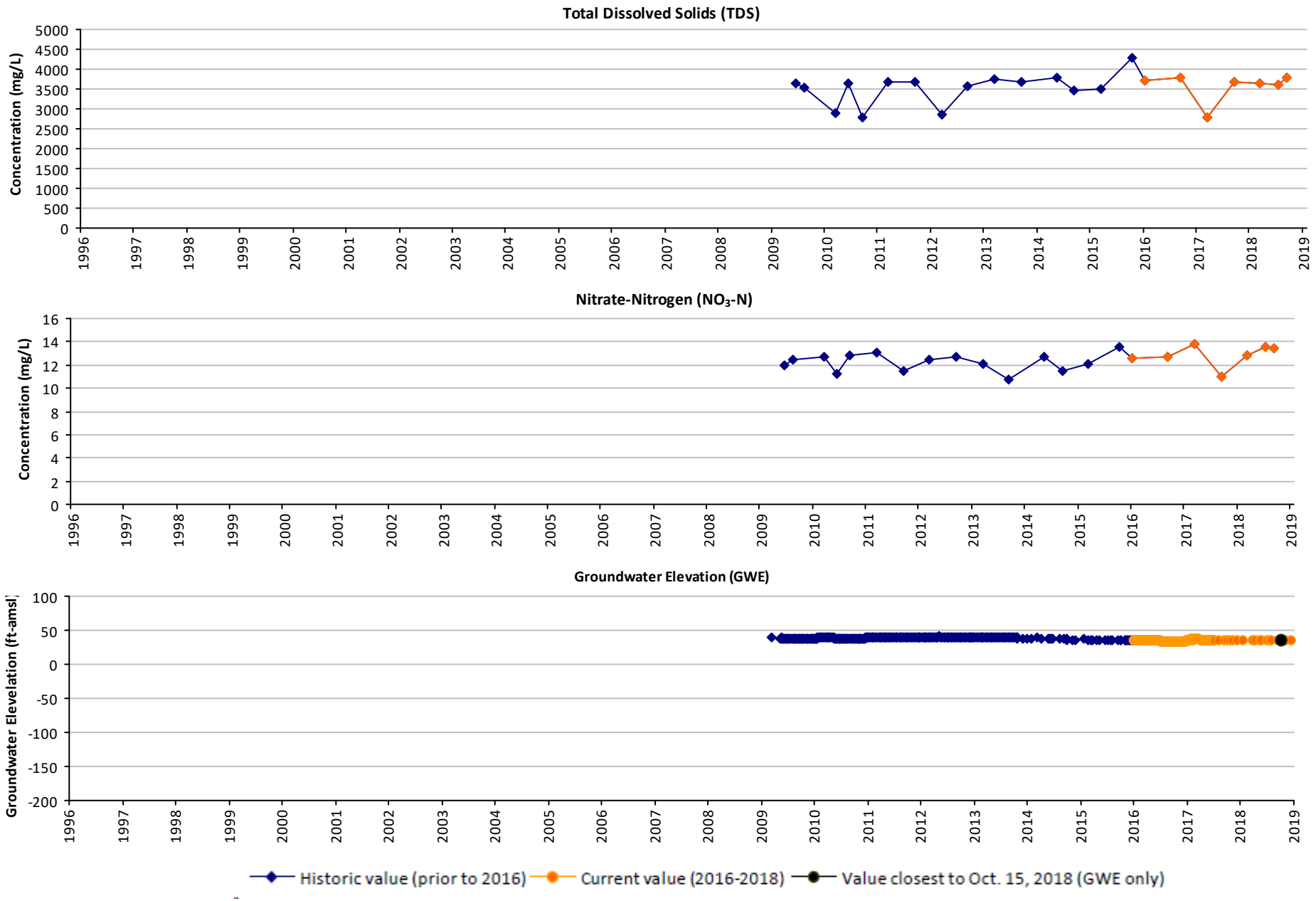
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1222193
Management Zone: Orange County



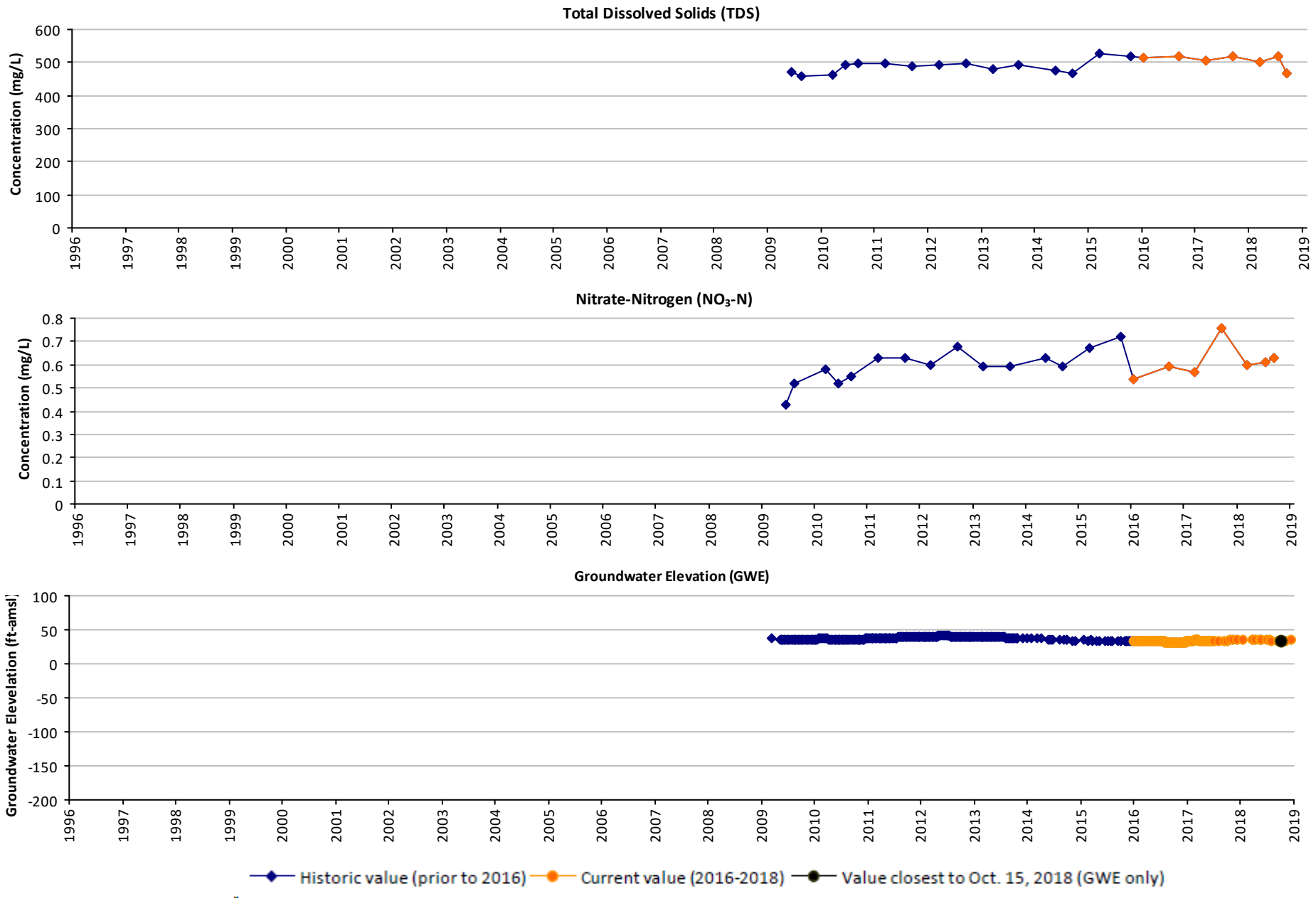

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

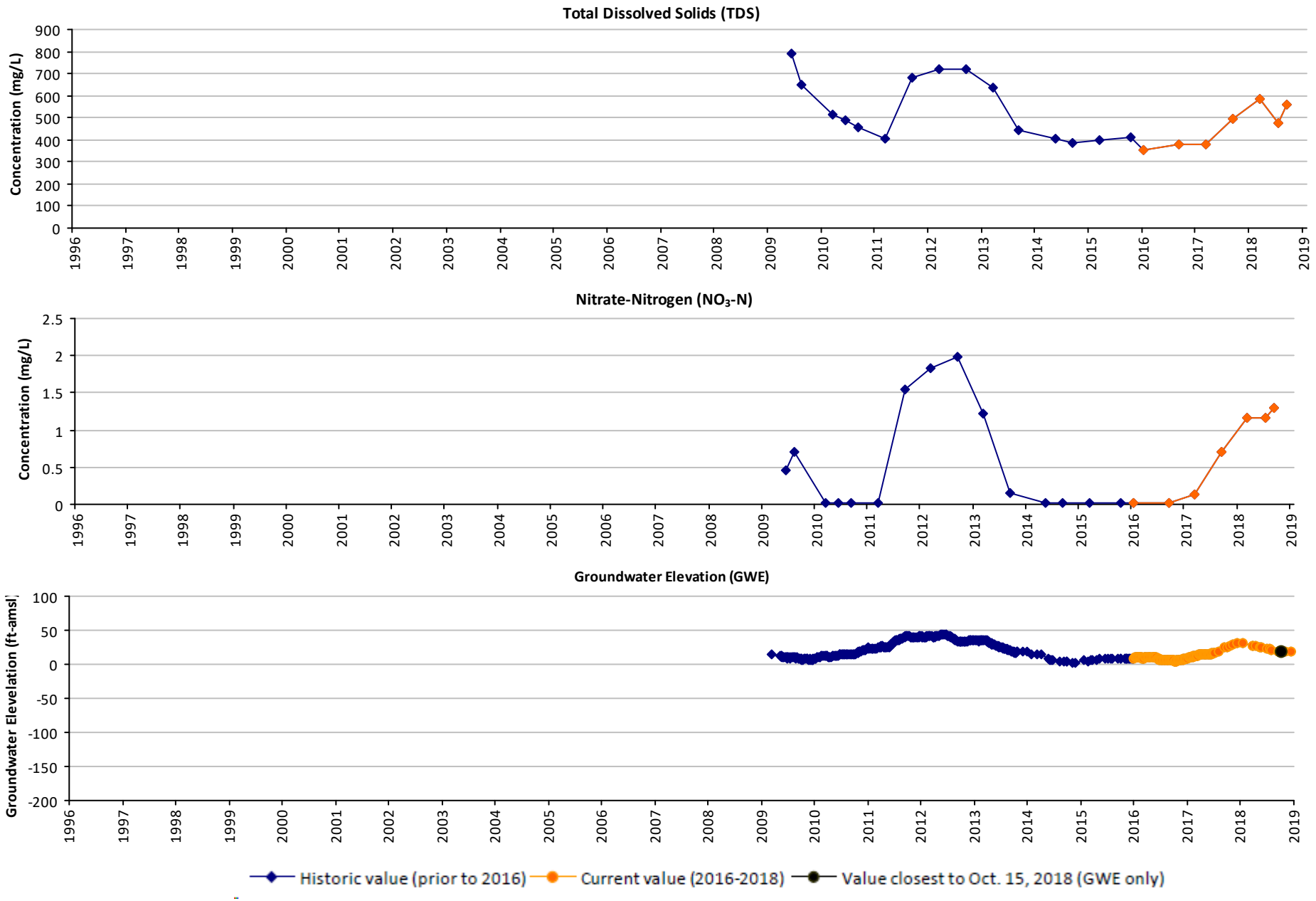

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

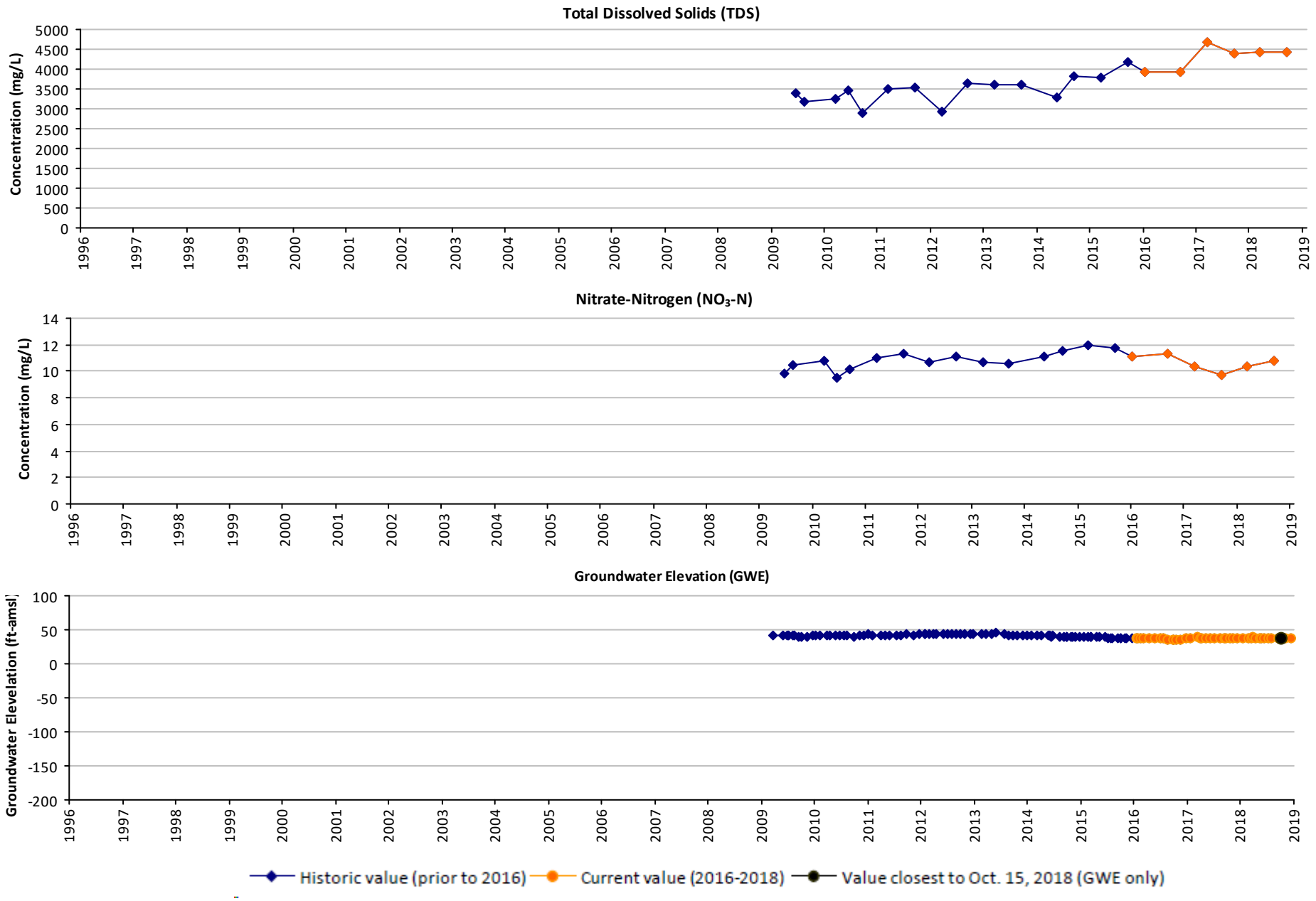

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

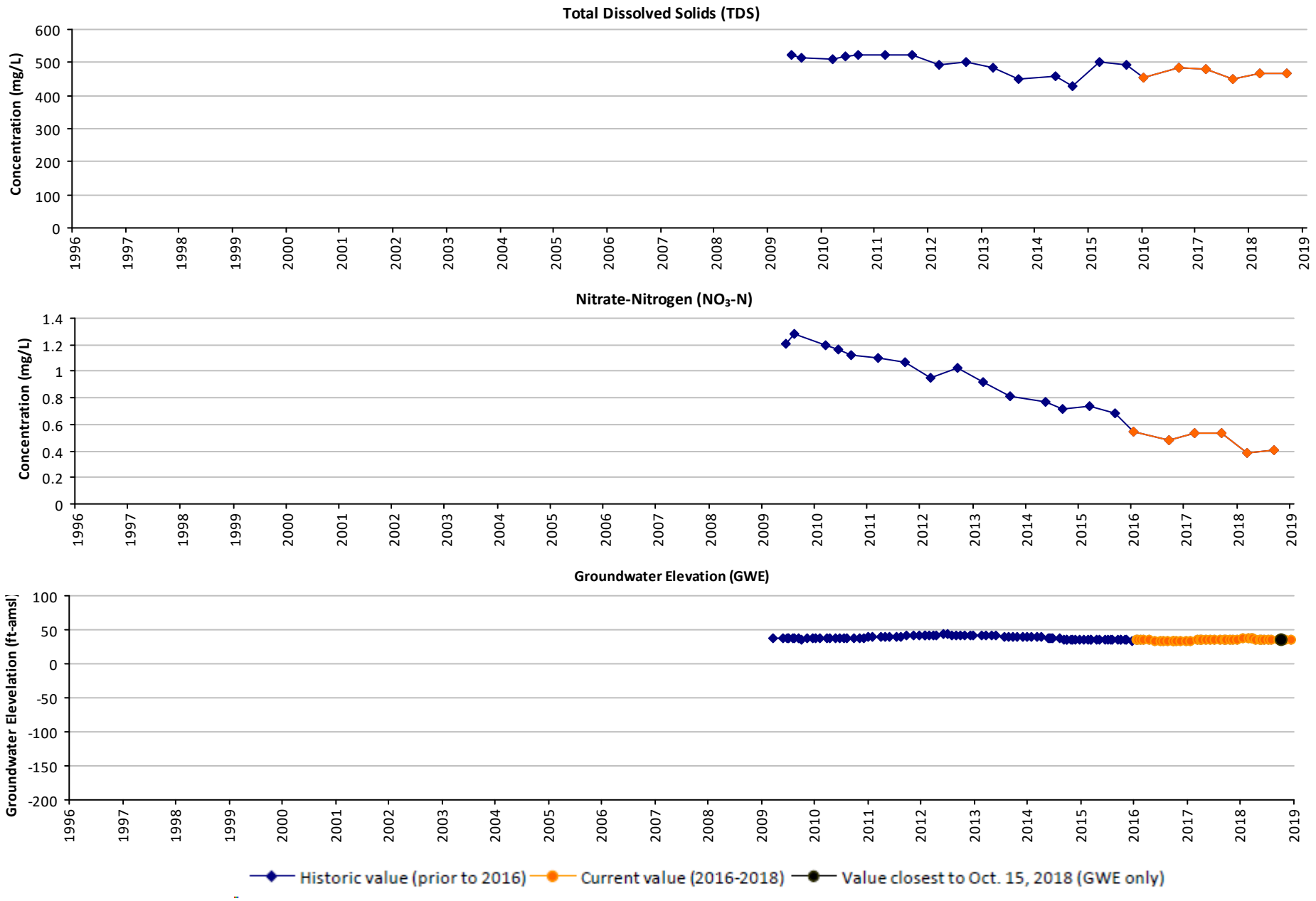
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

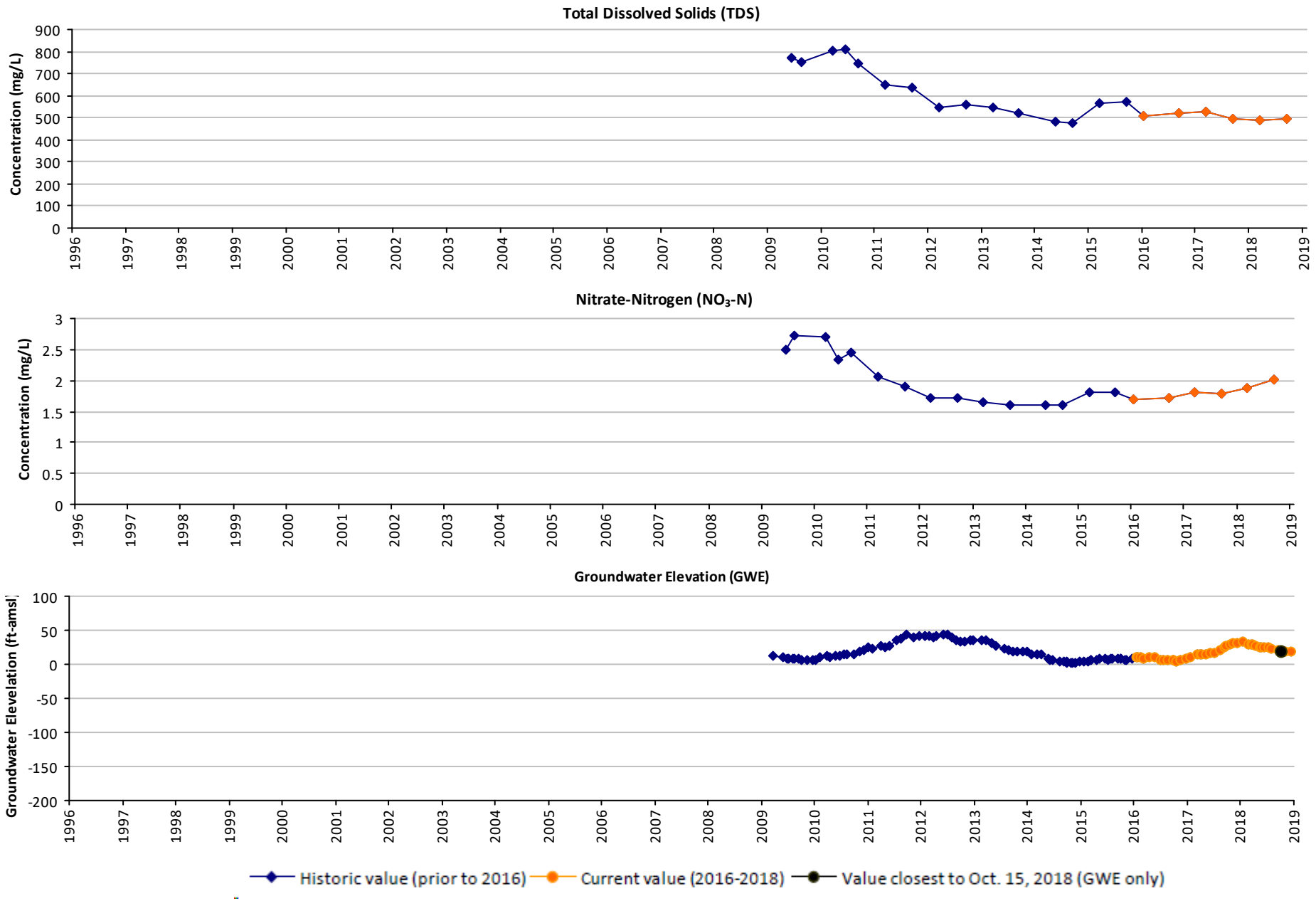
Well ID: 1222197
Management Zone: Orange County

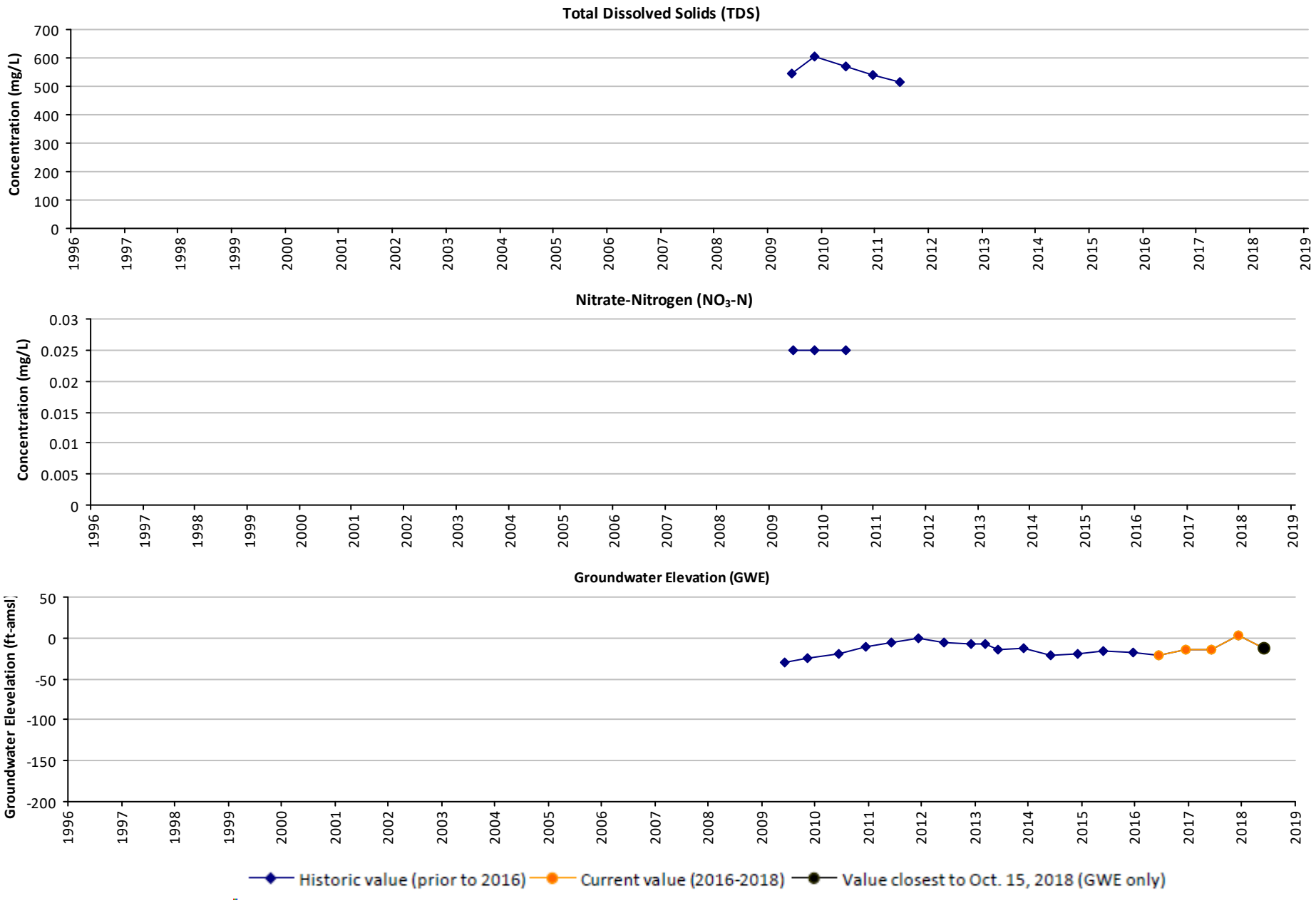


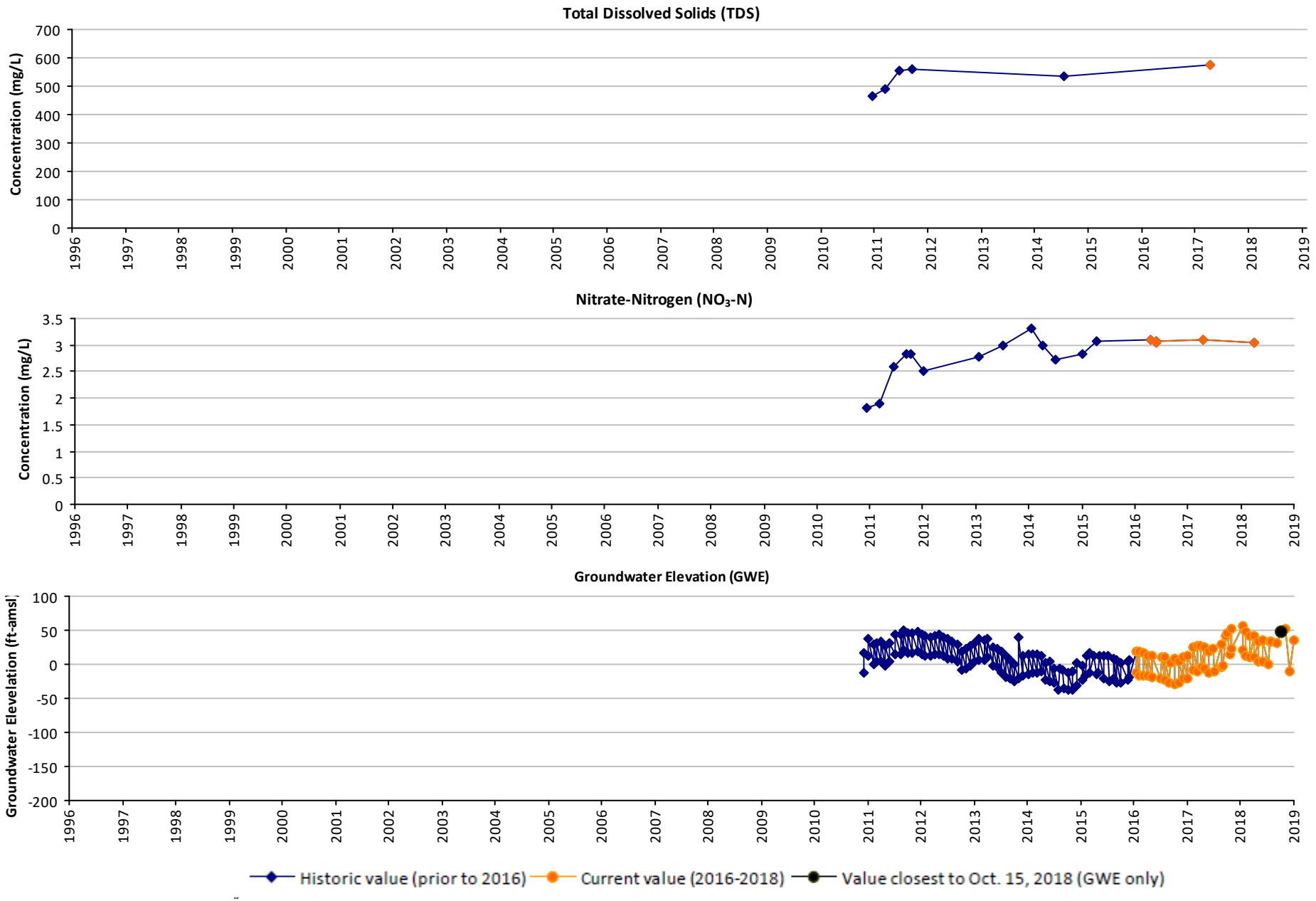

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

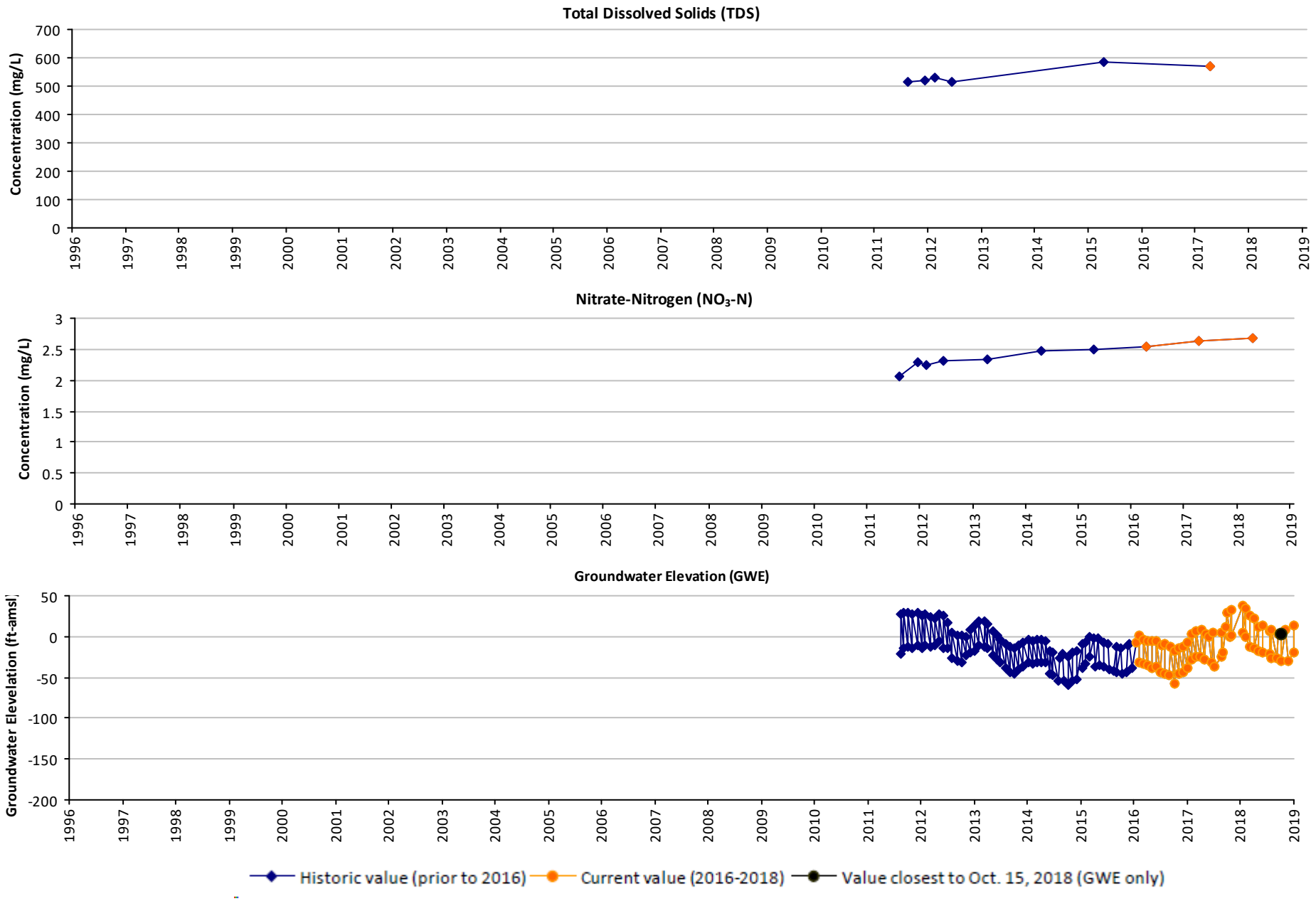

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

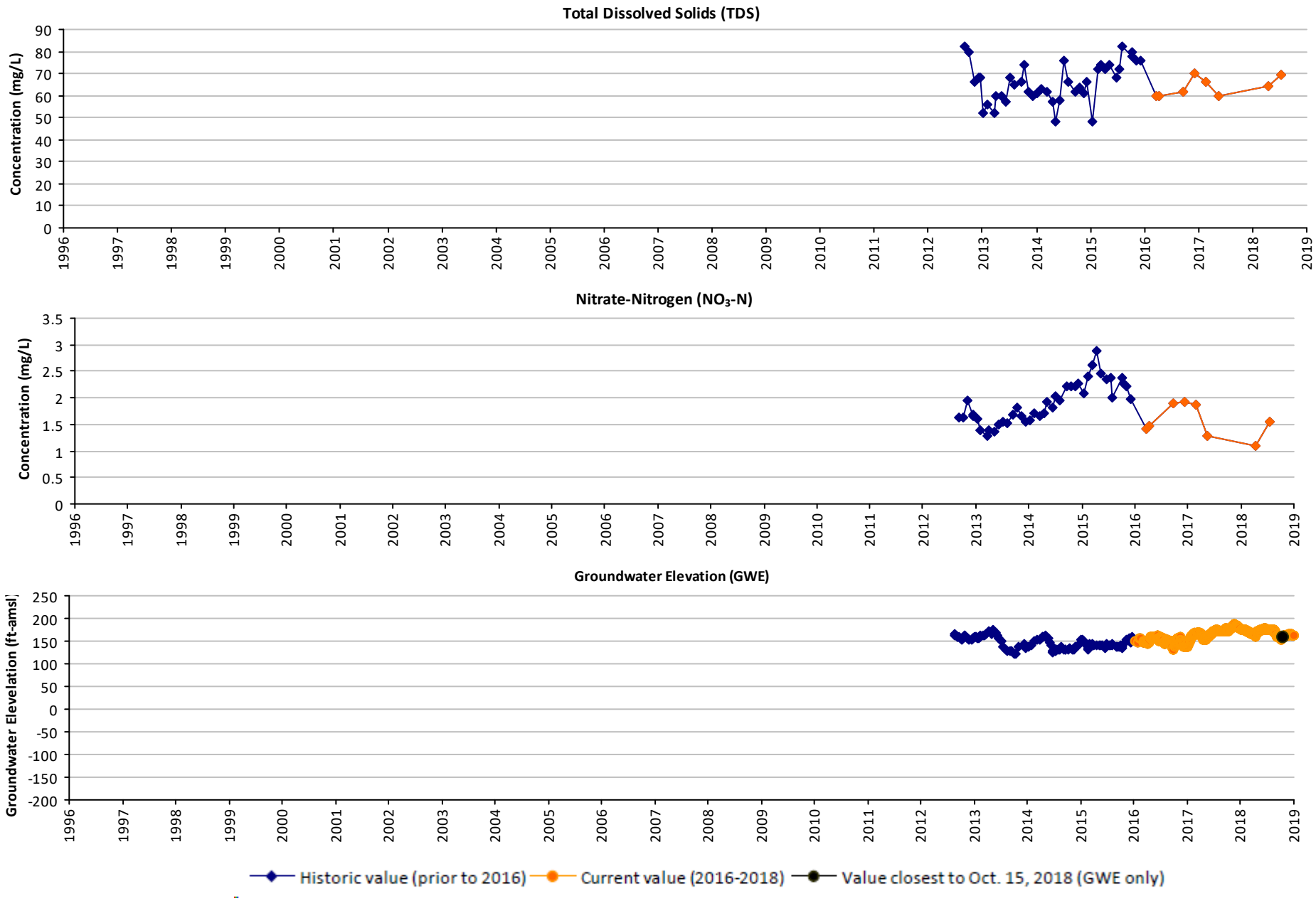

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

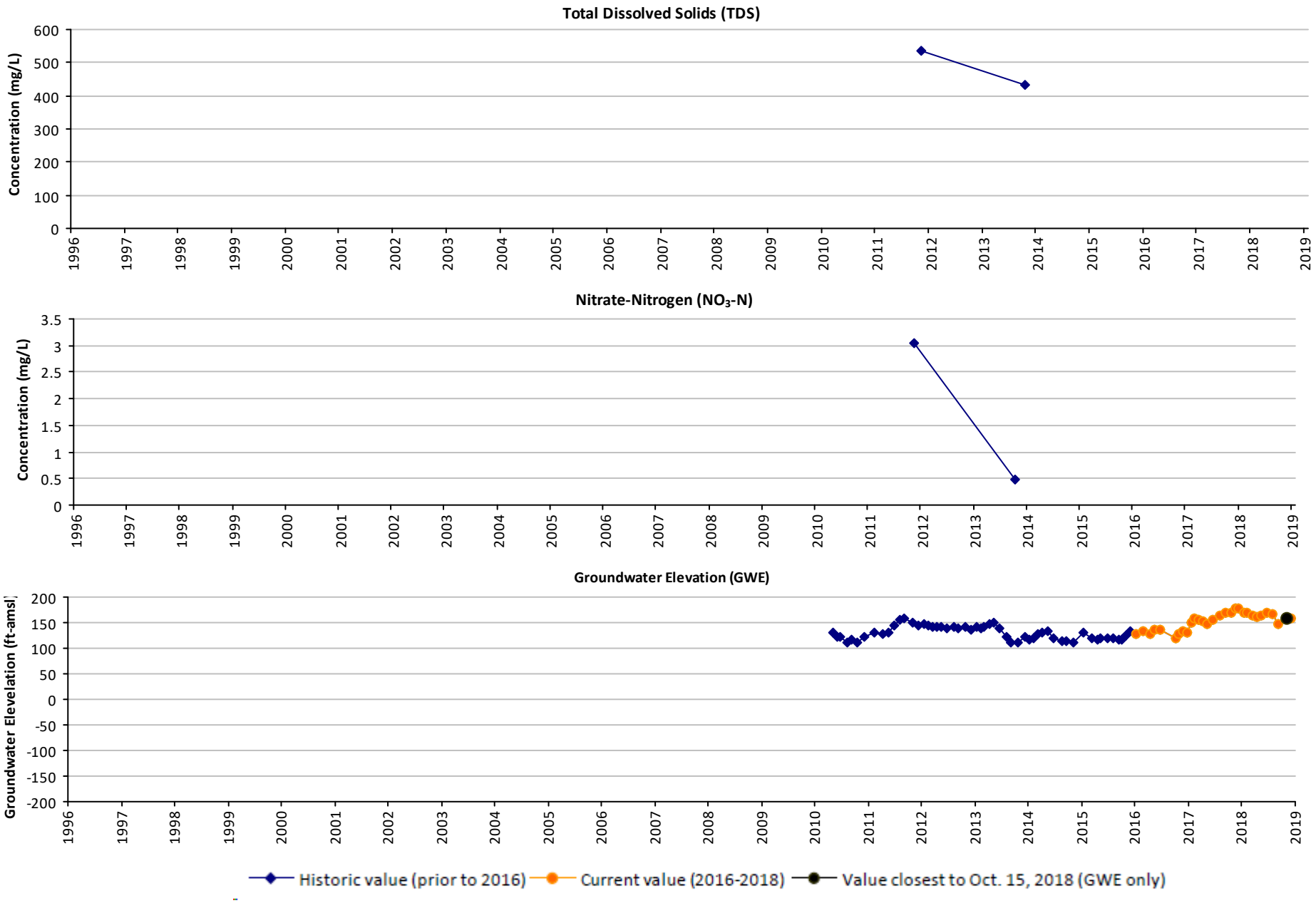

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

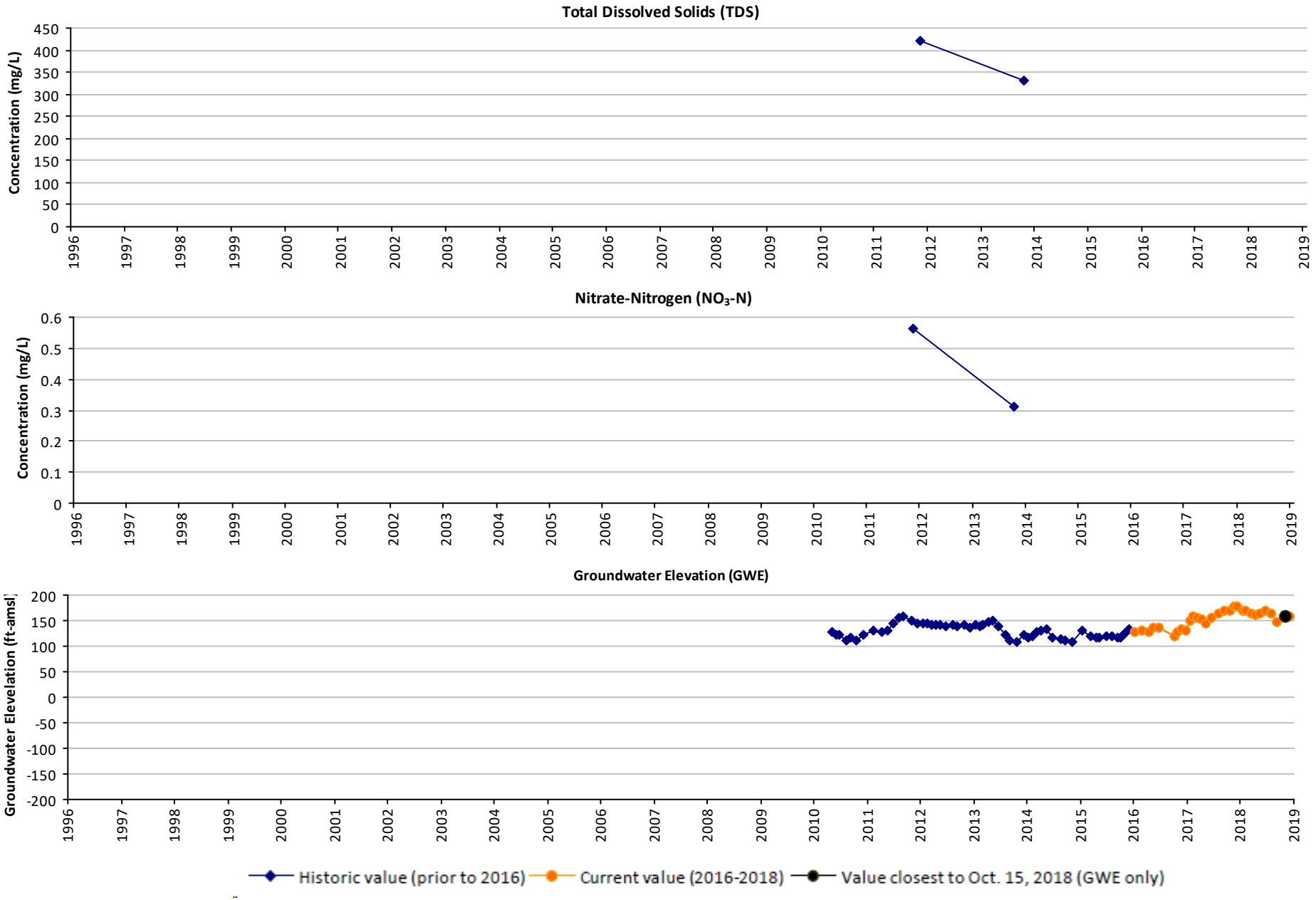

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

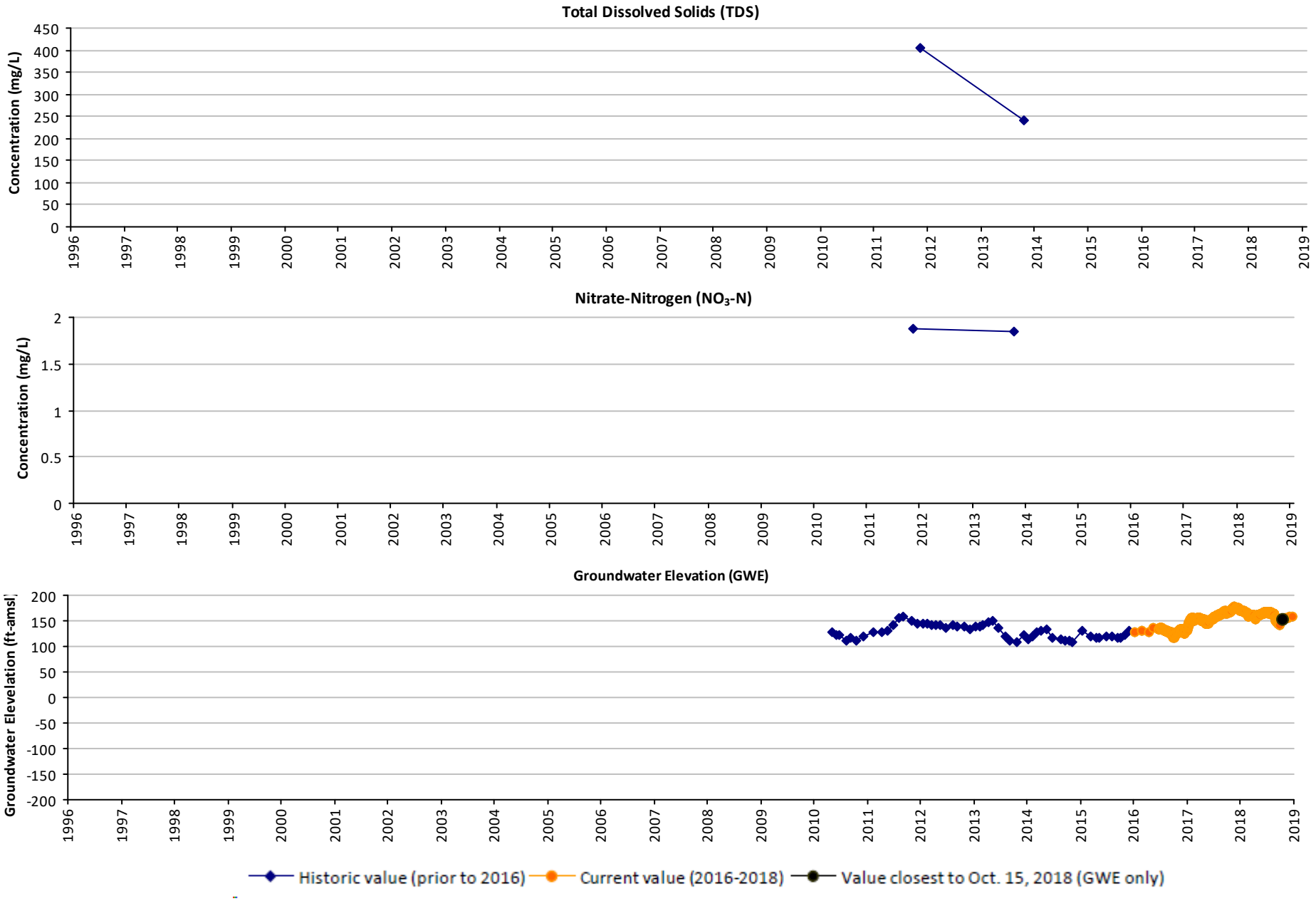

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

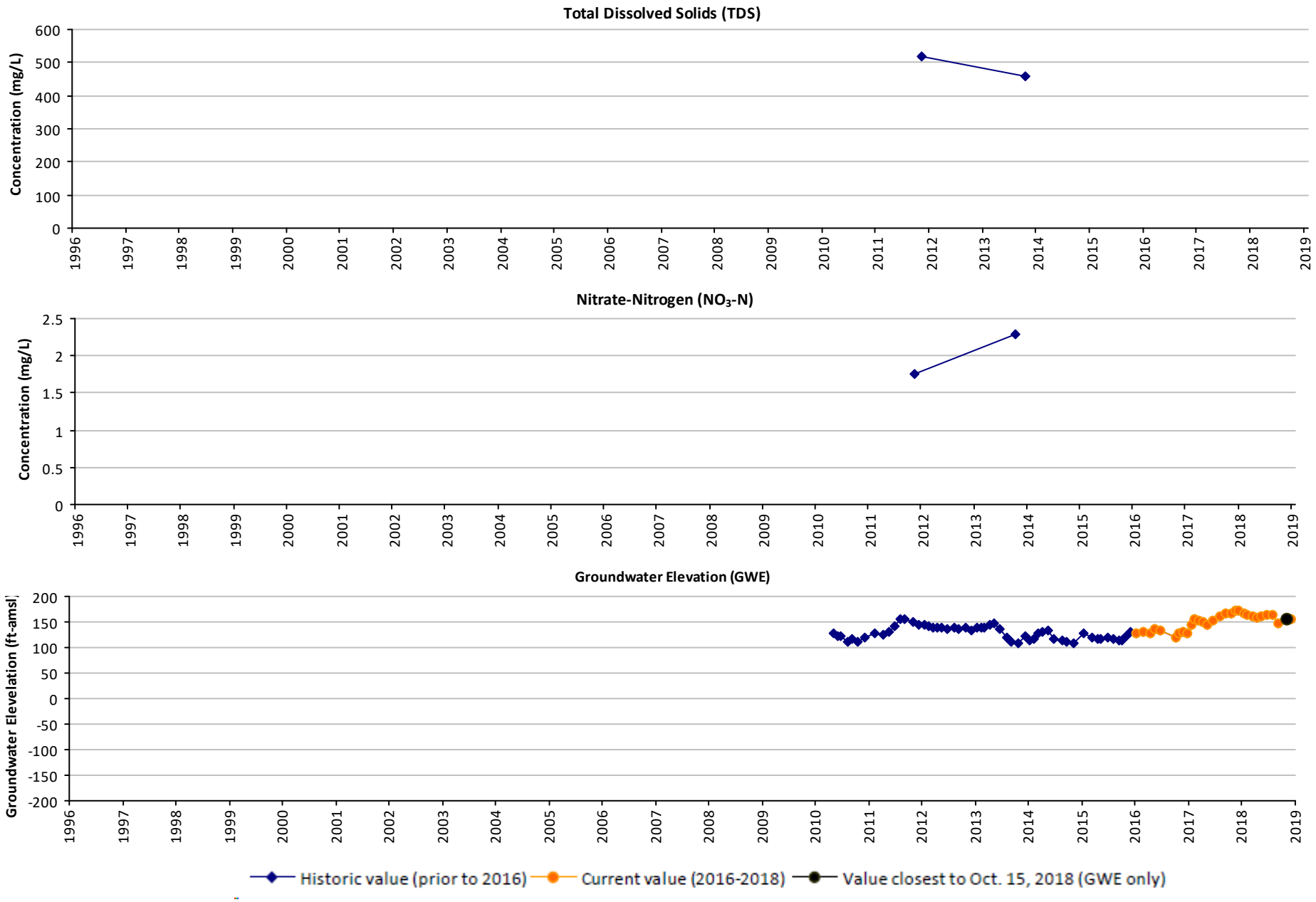

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

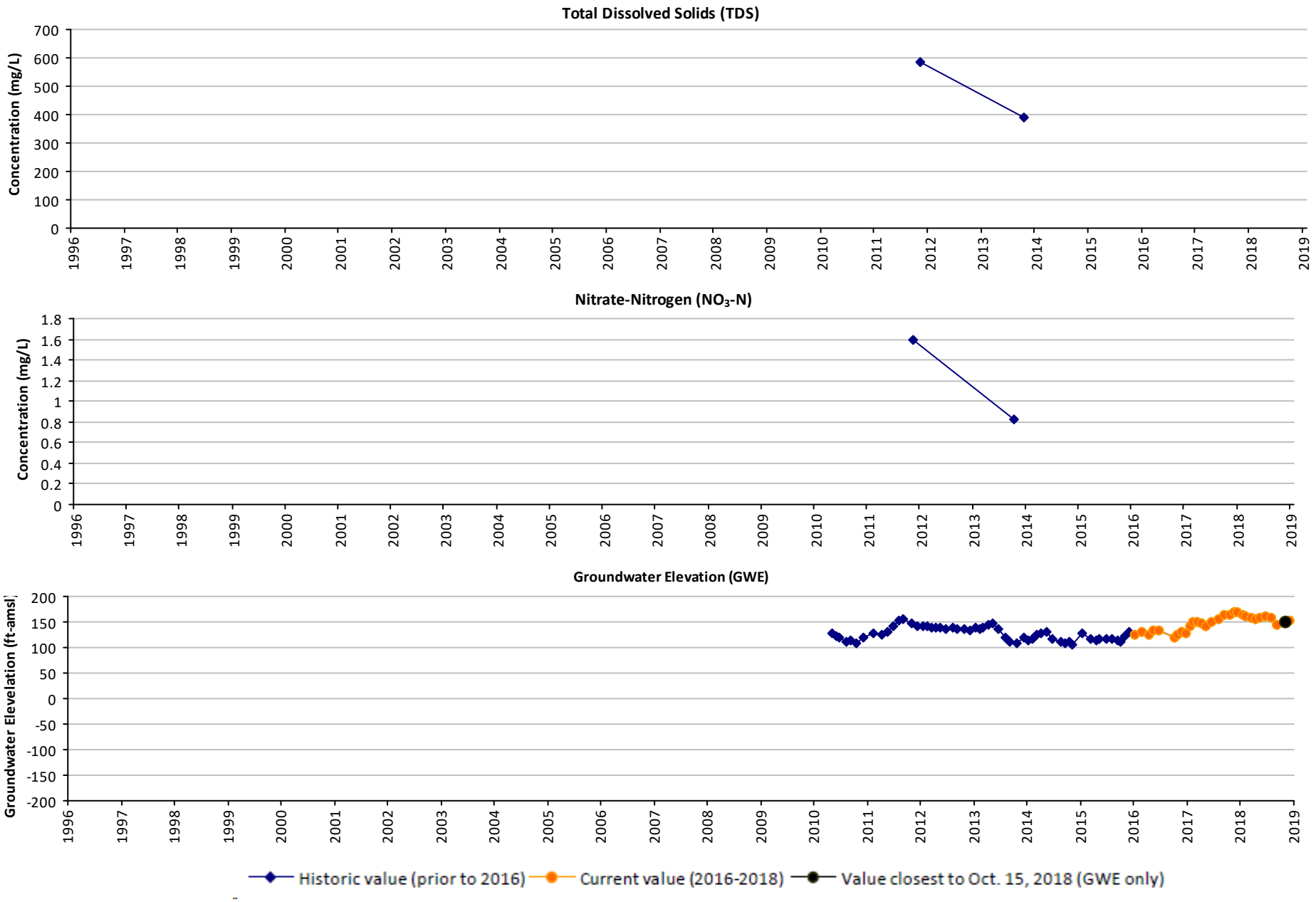

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

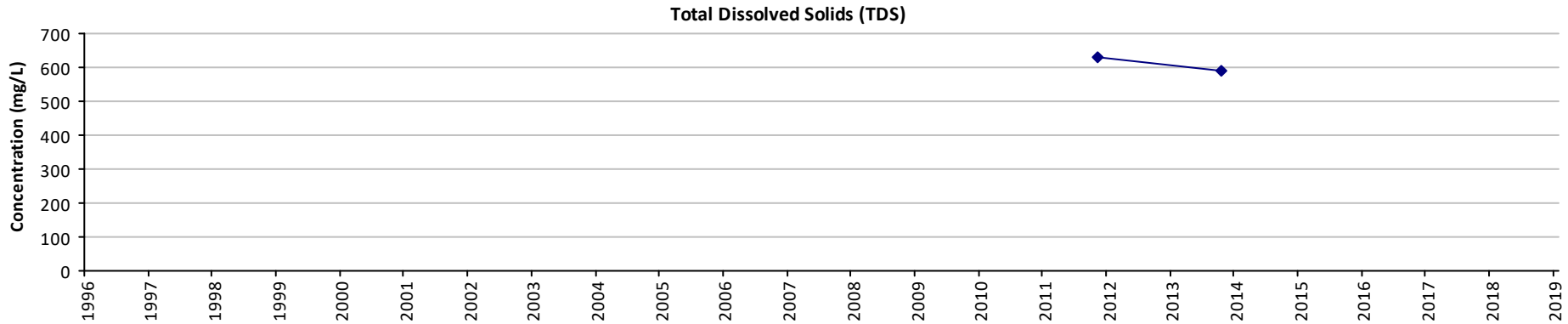

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

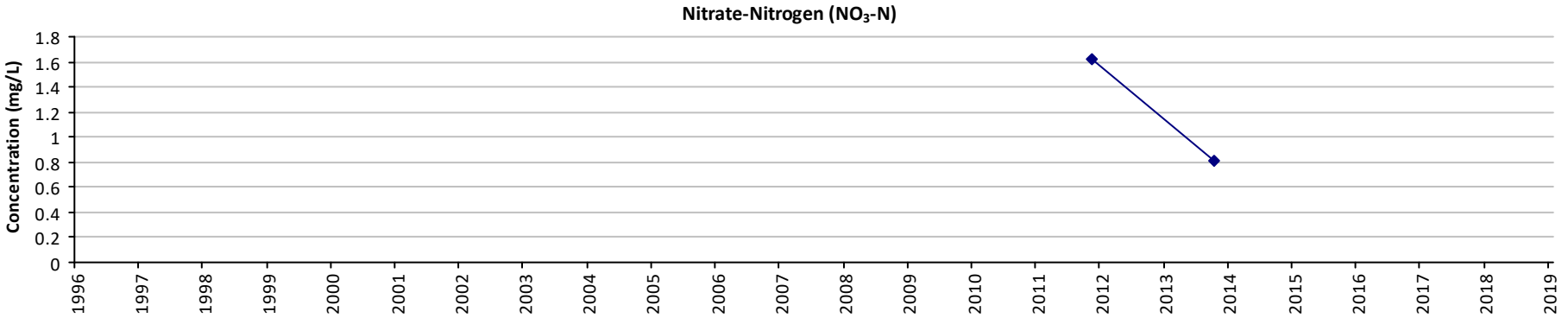

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

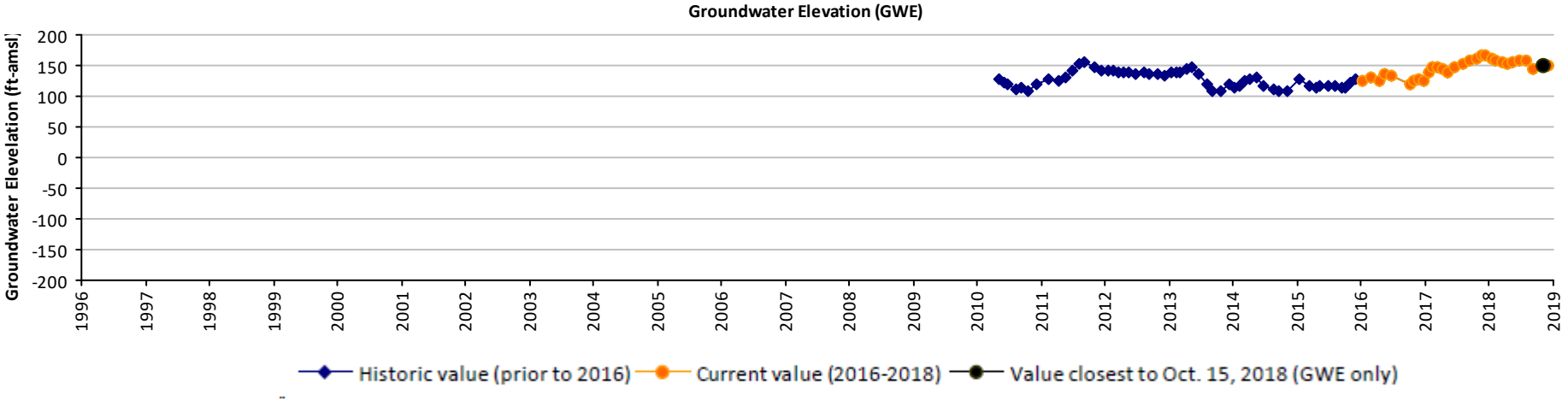

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

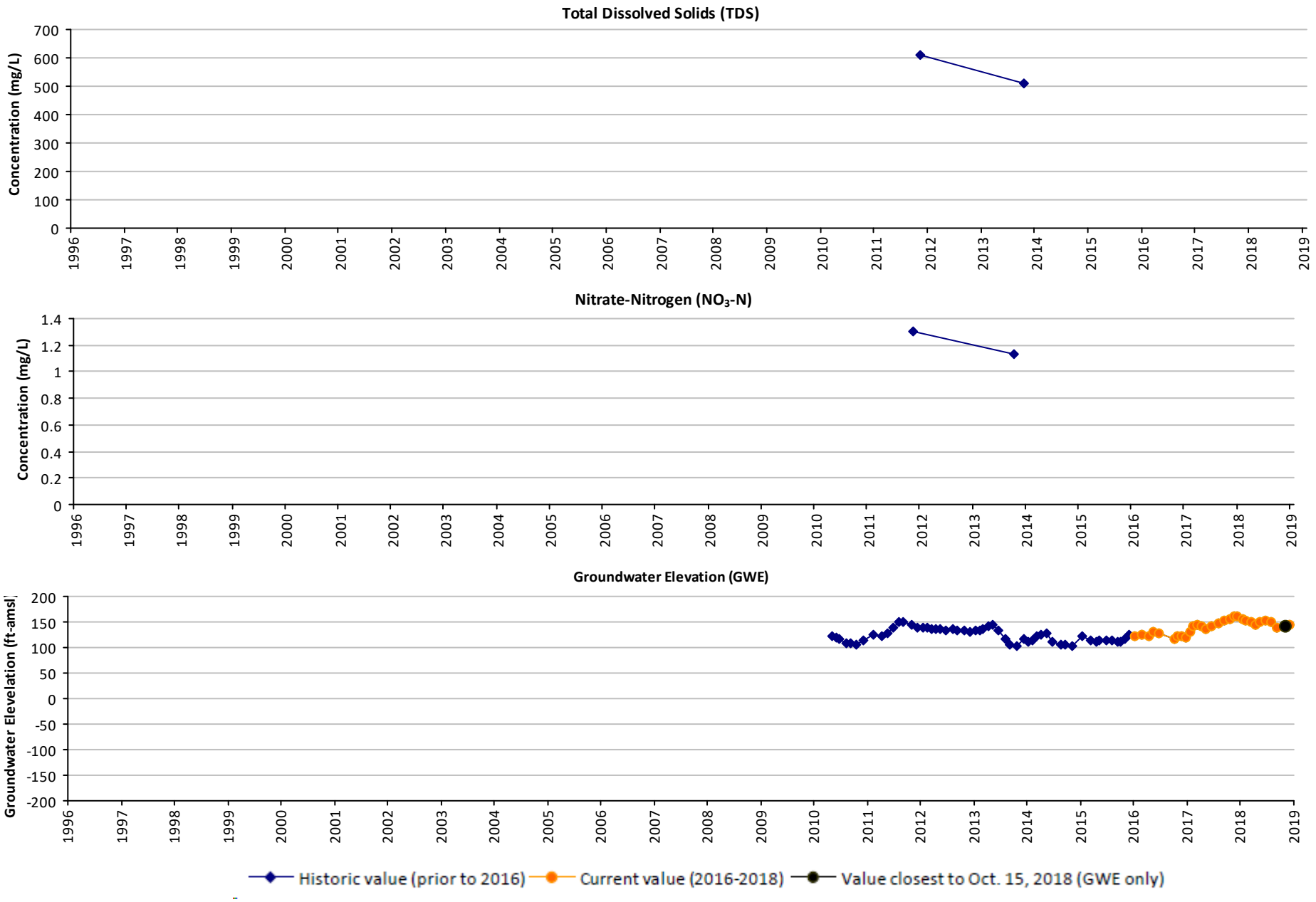

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

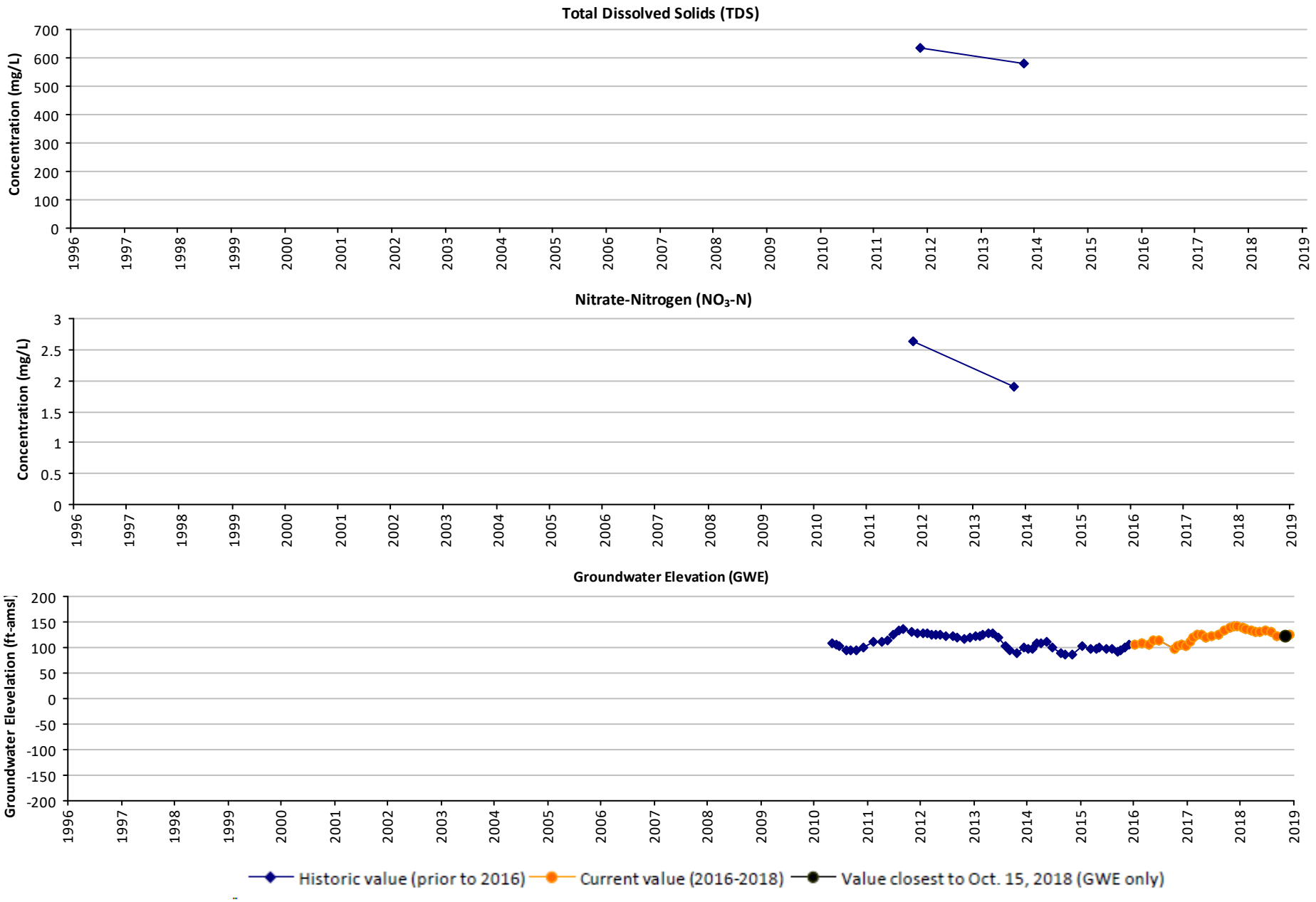

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

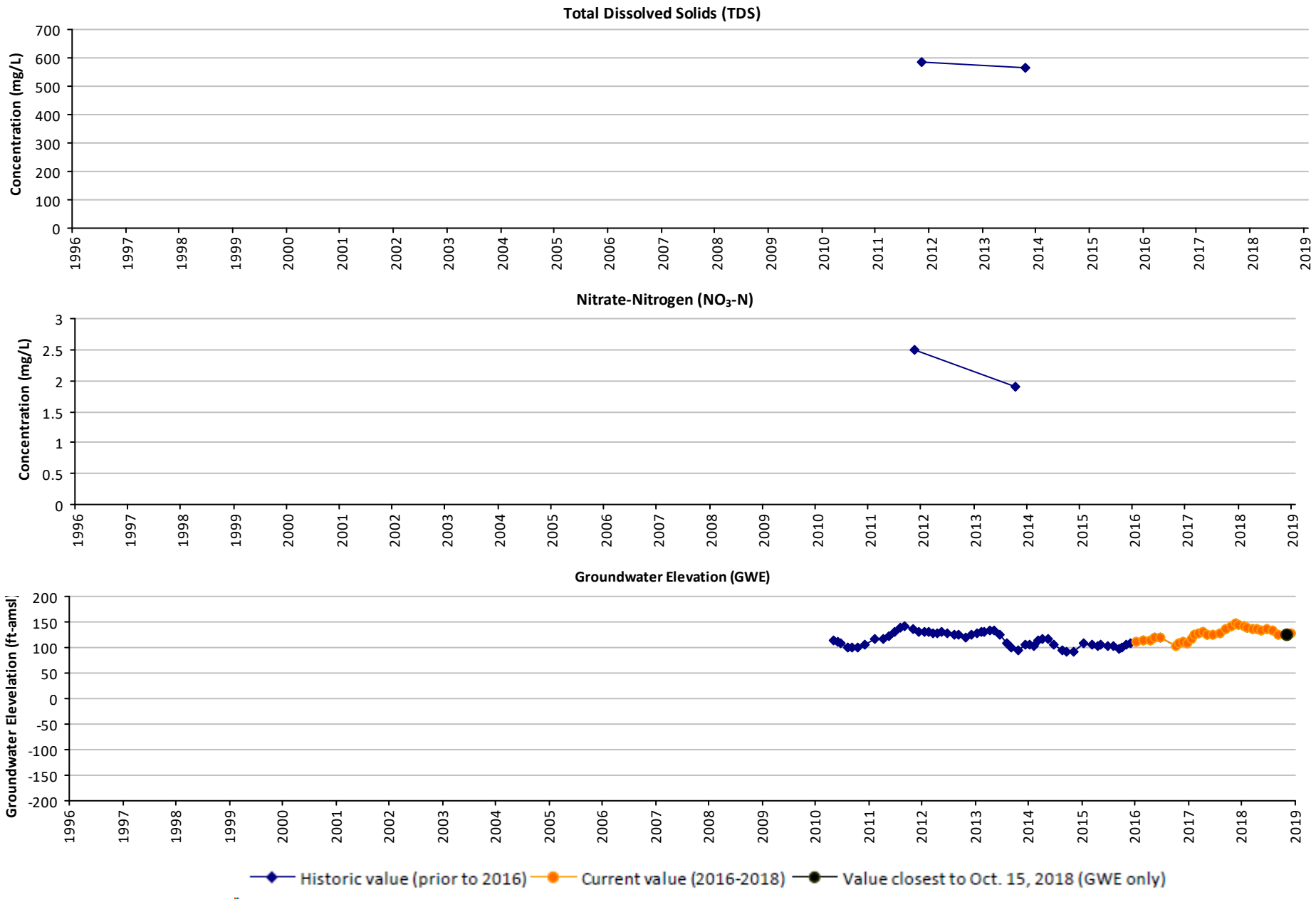

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

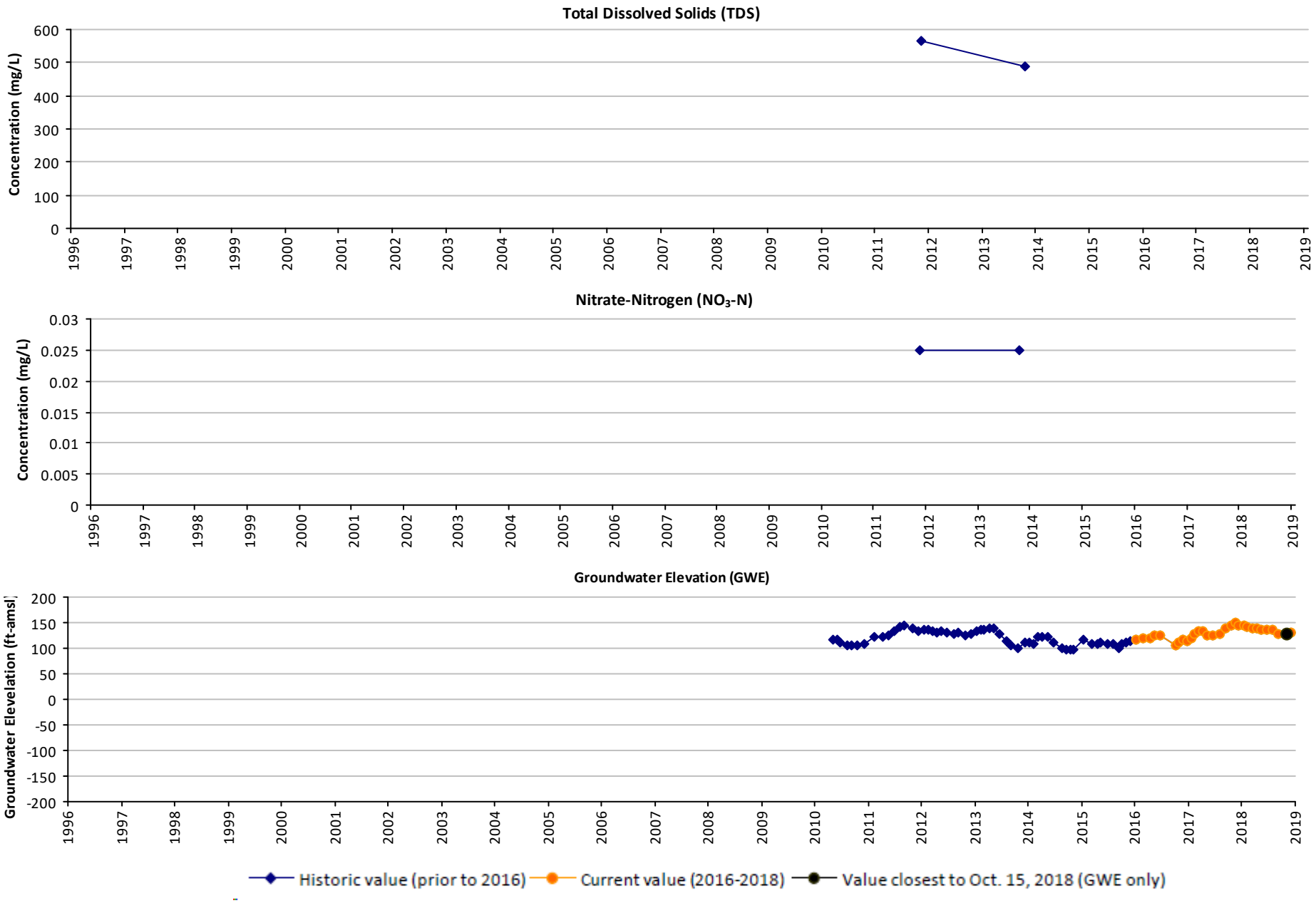

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

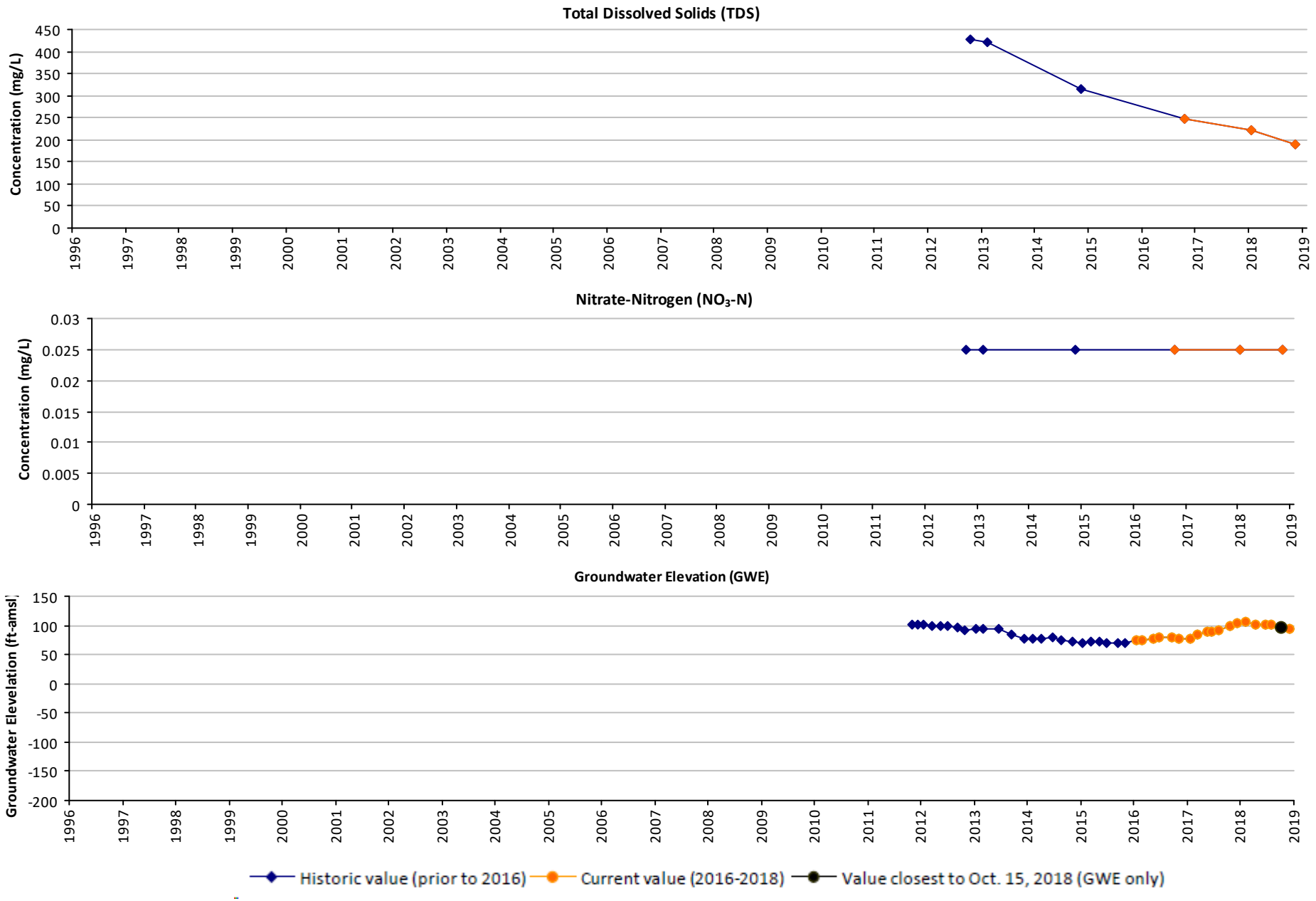

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

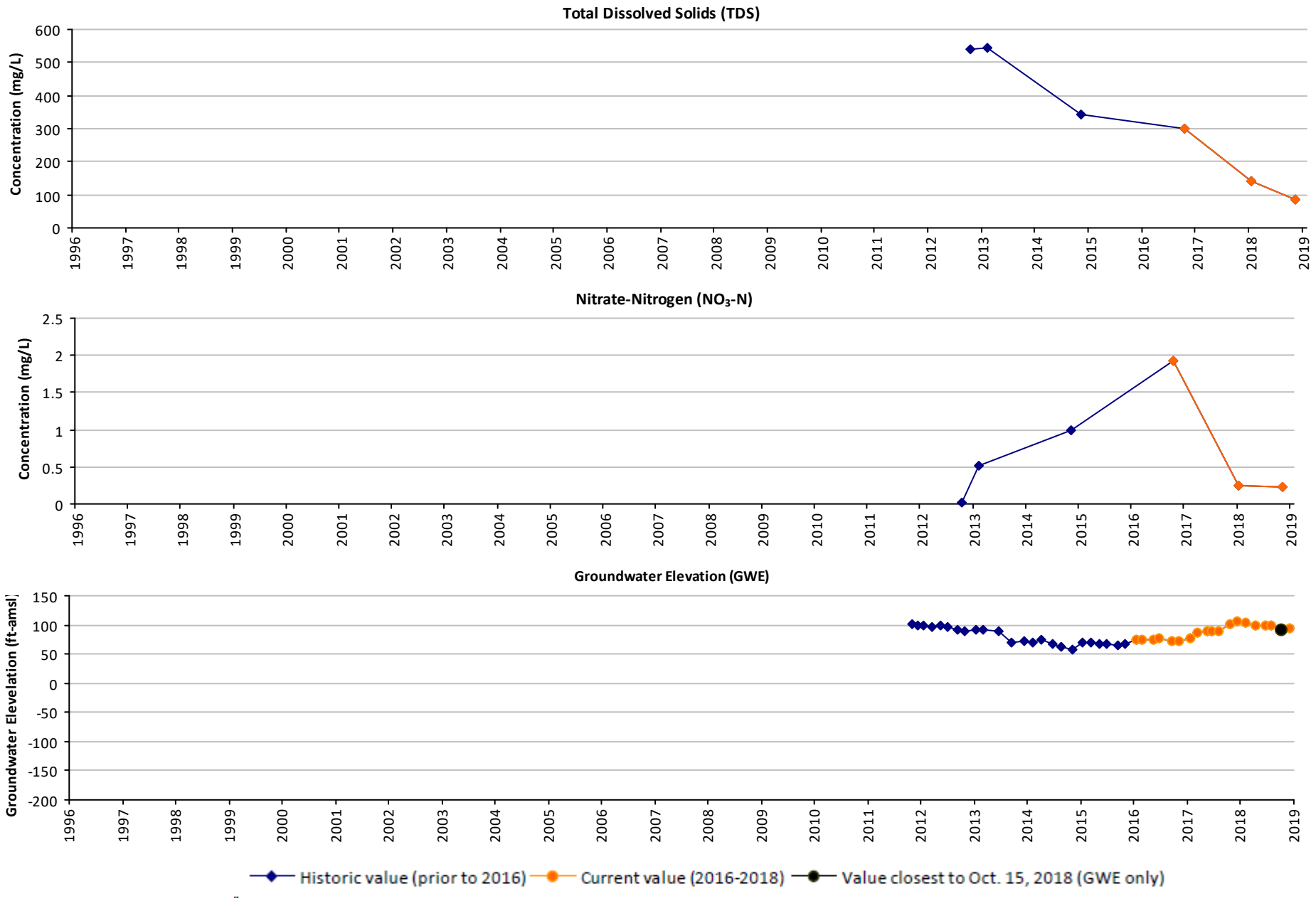

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

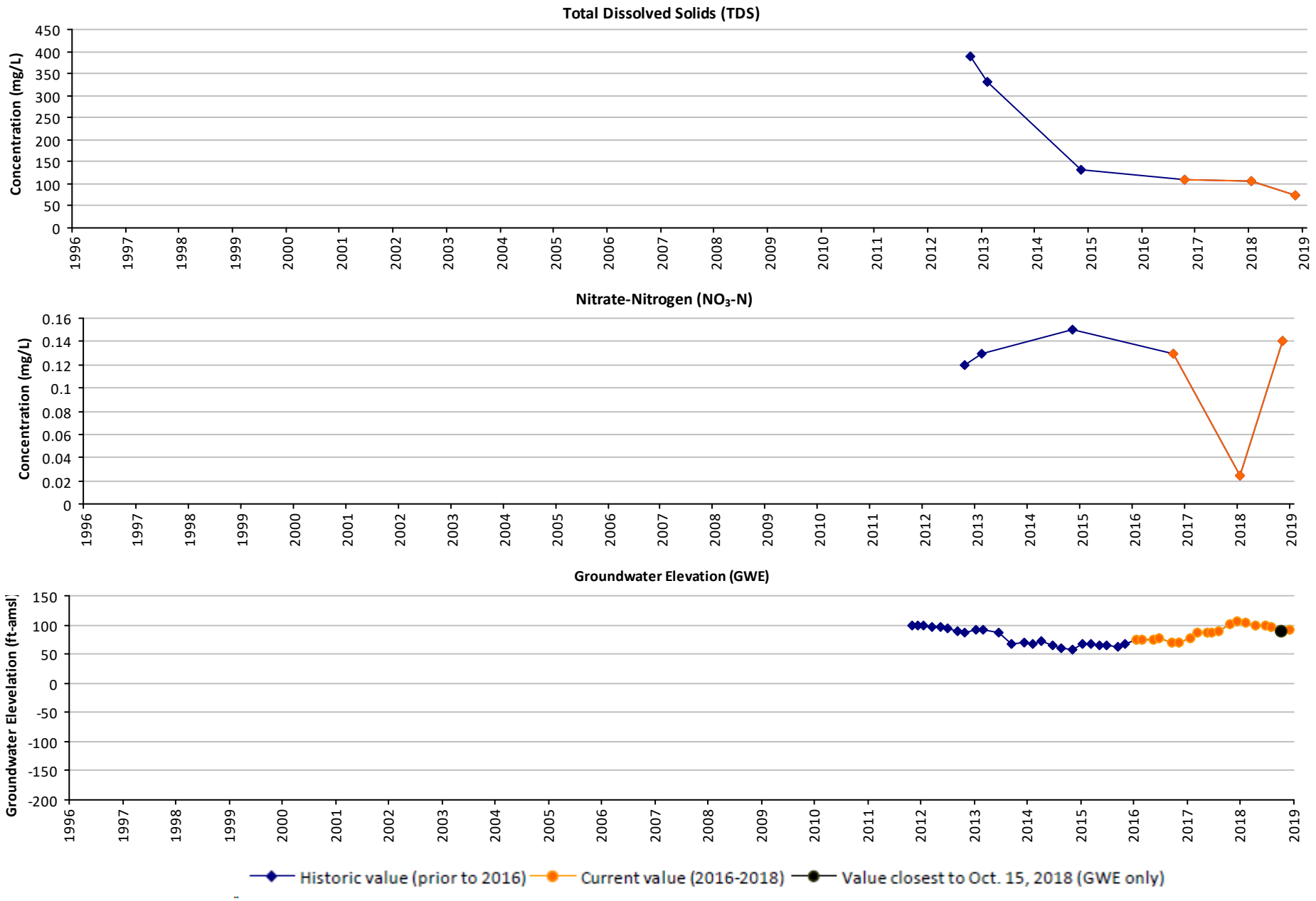

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

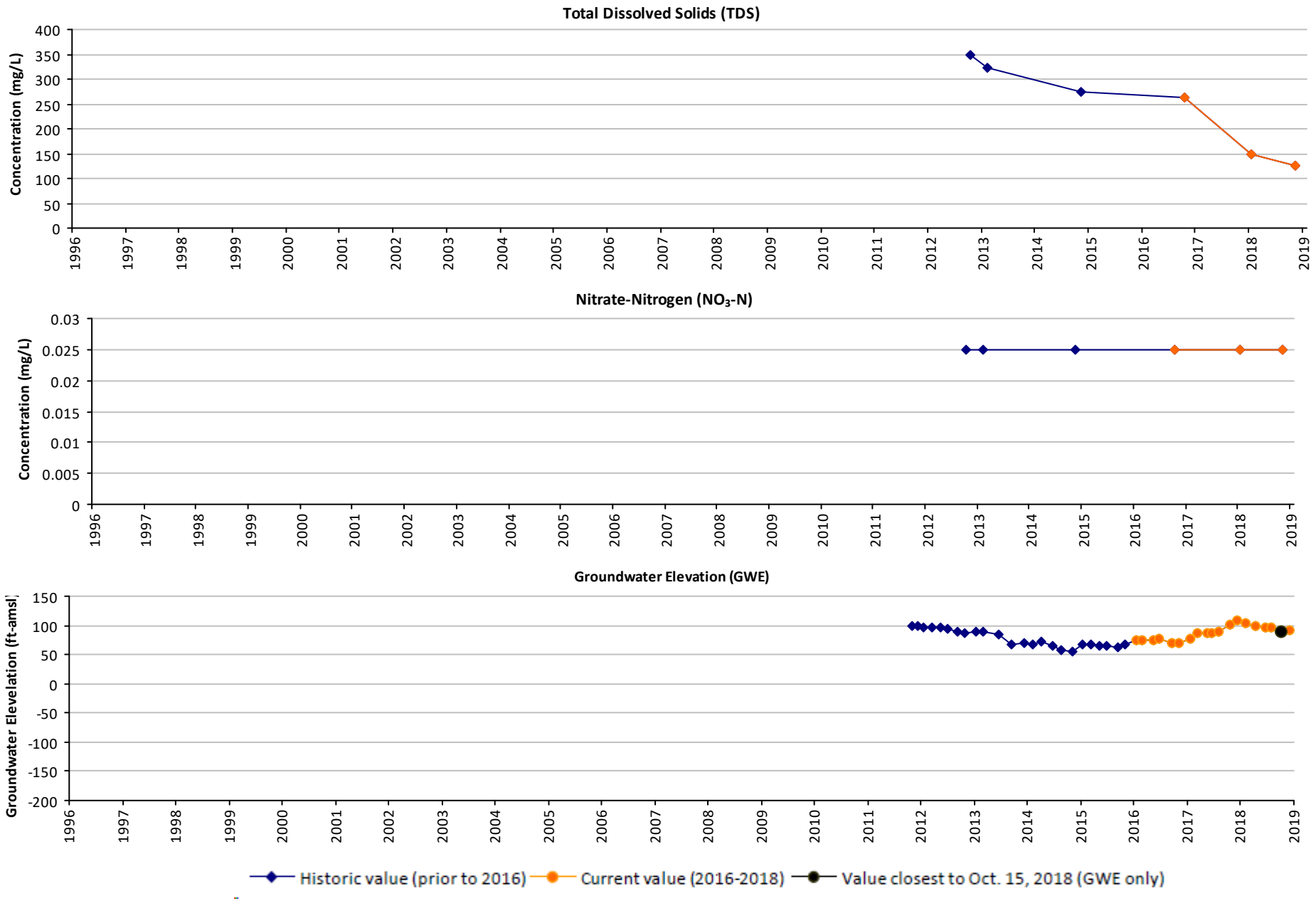

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

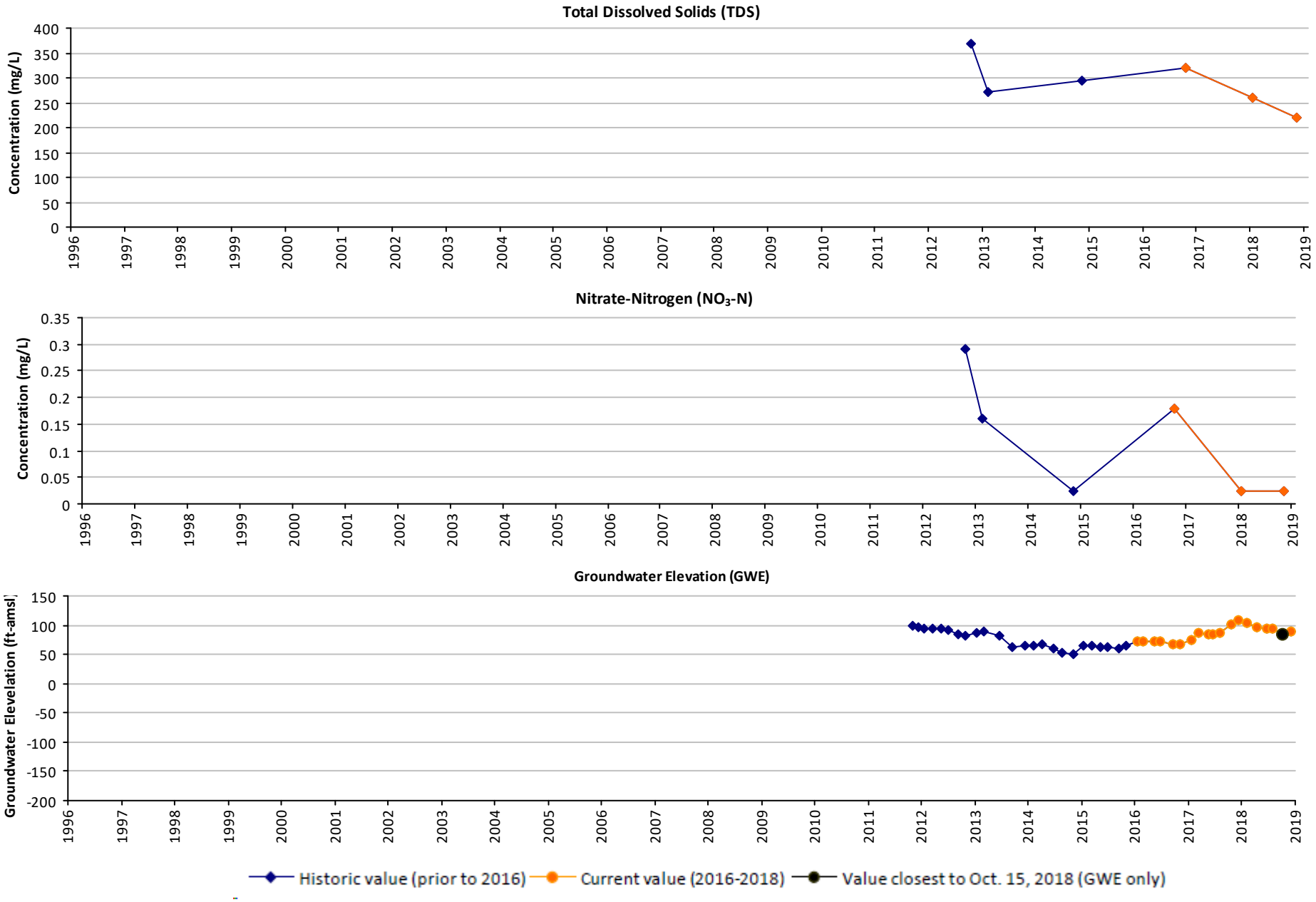

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

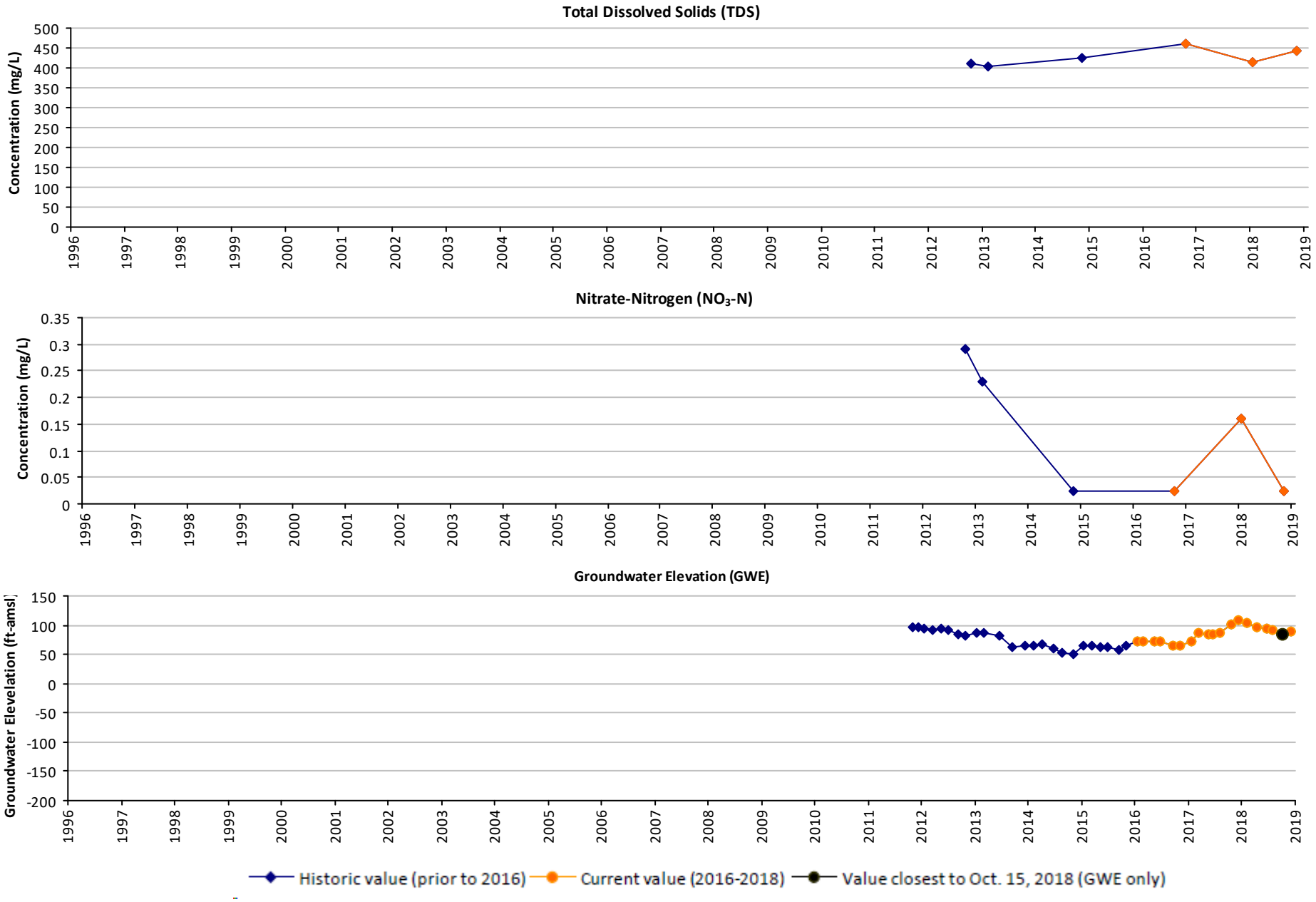

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

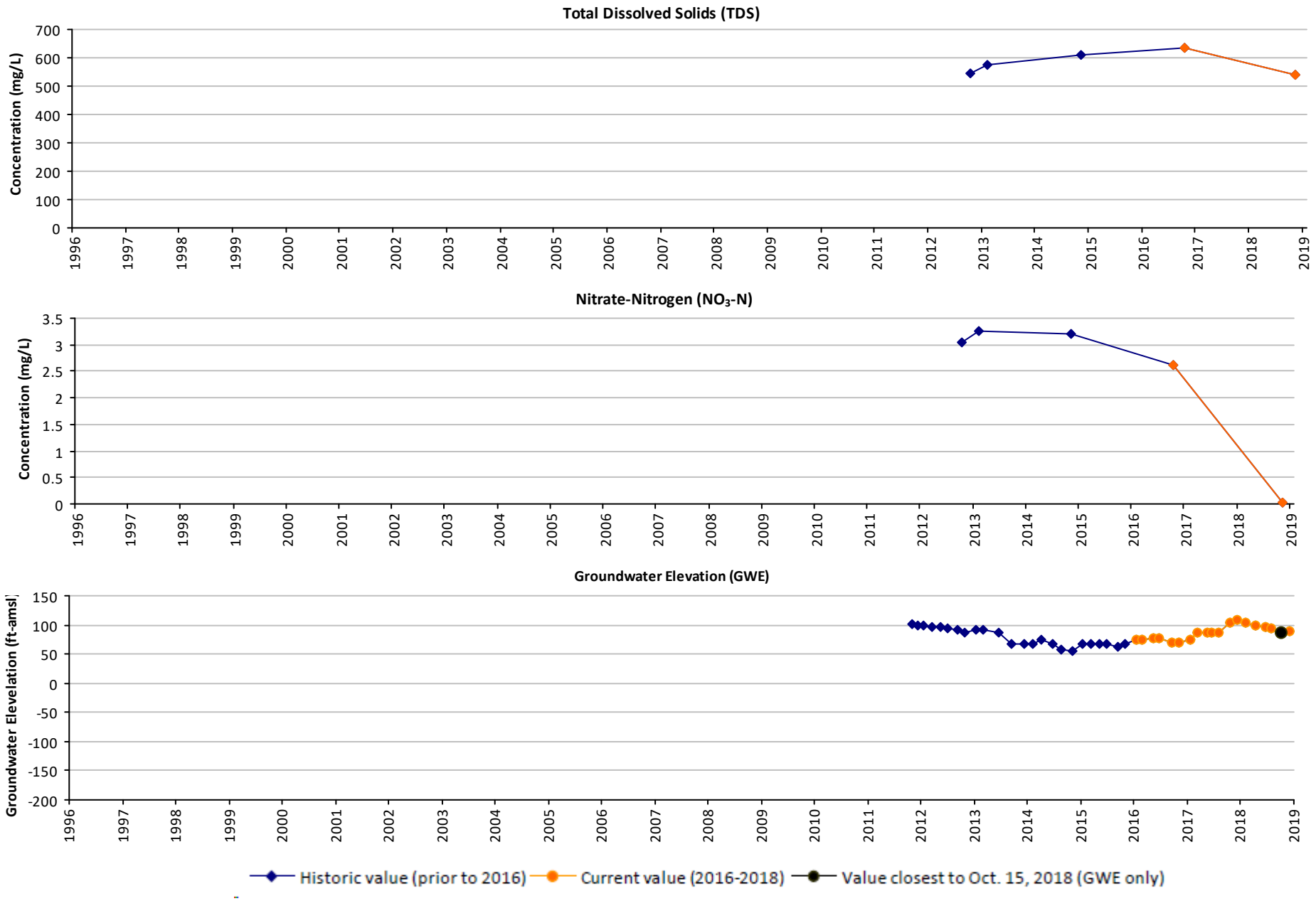

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

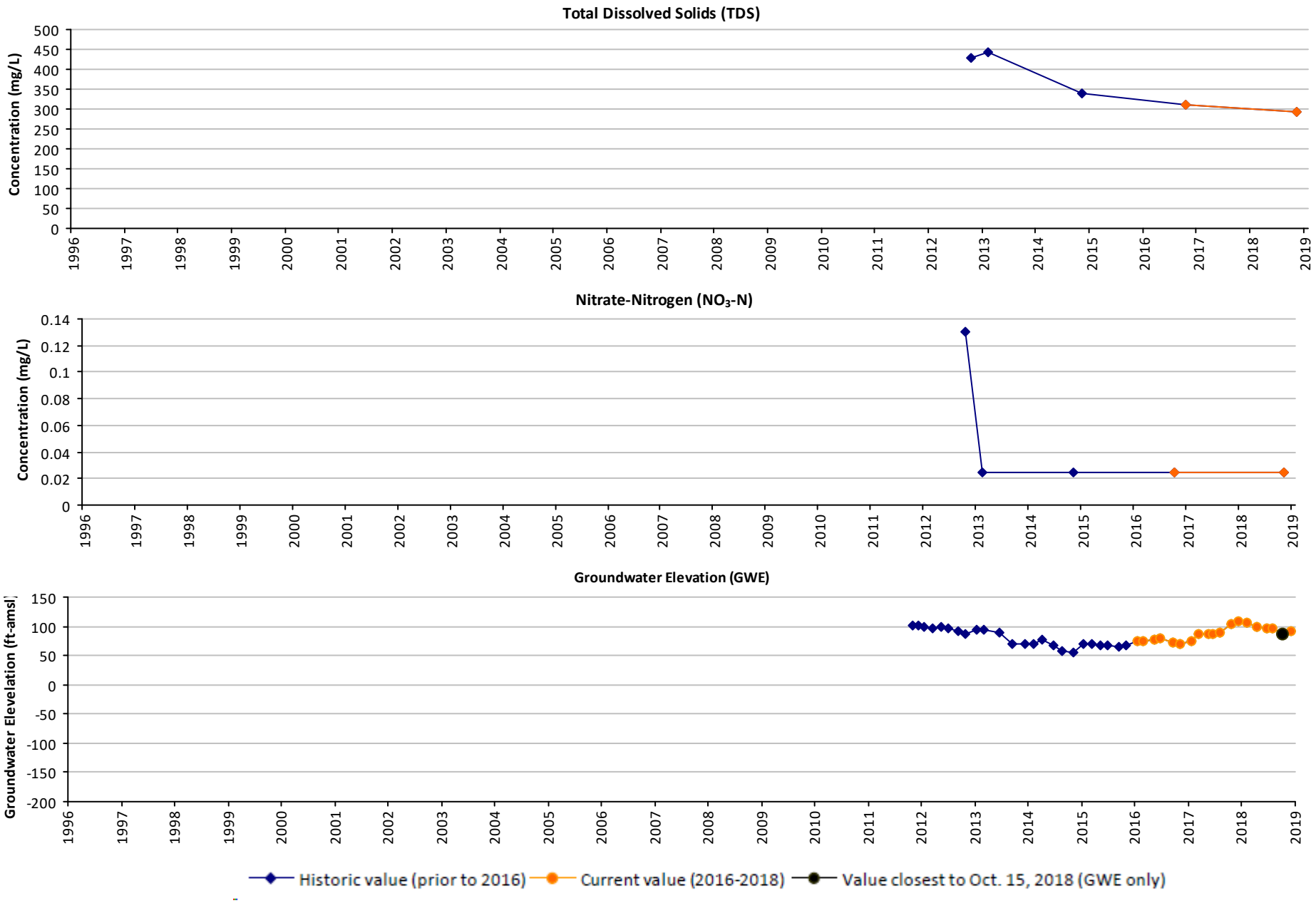

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

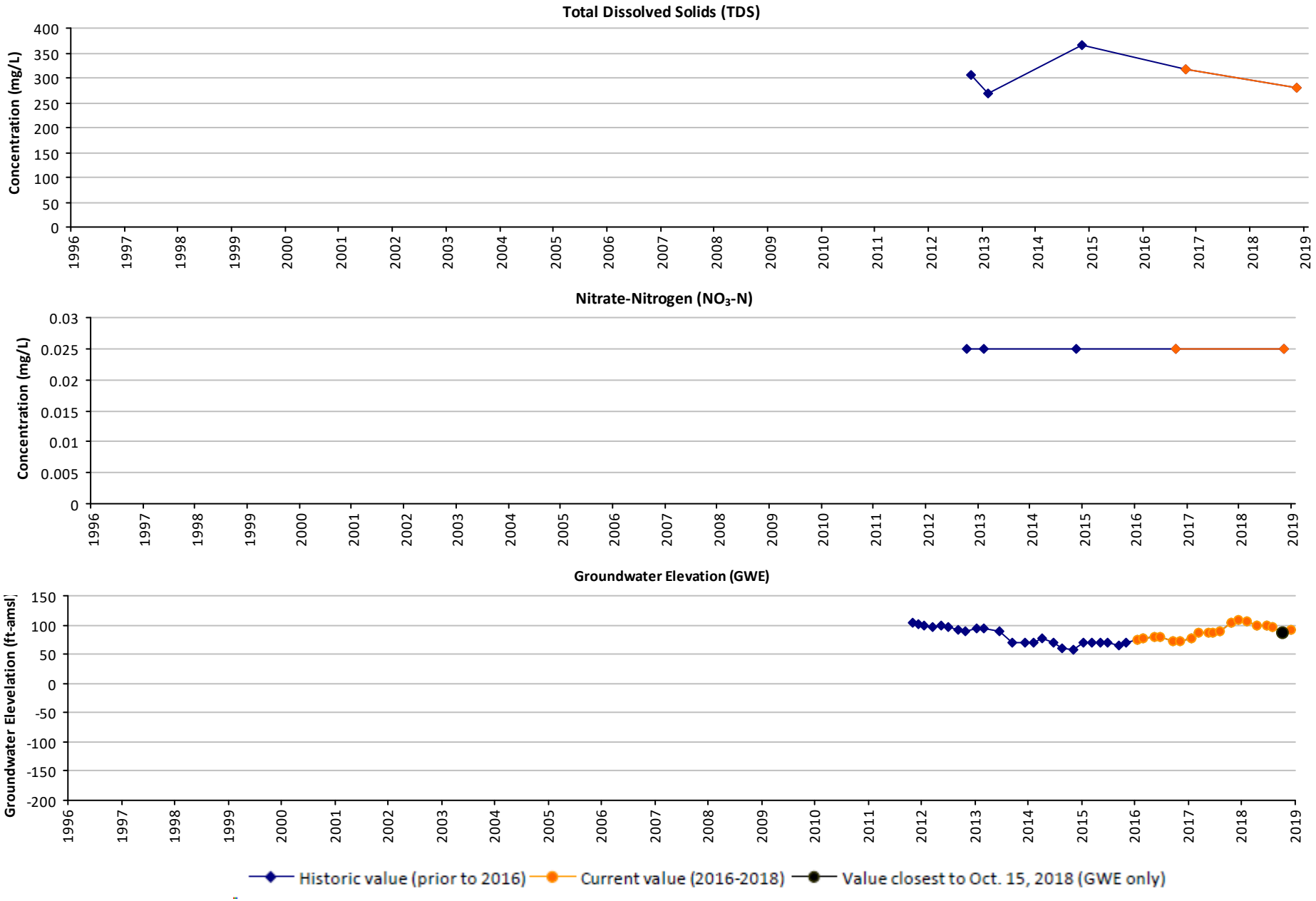

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

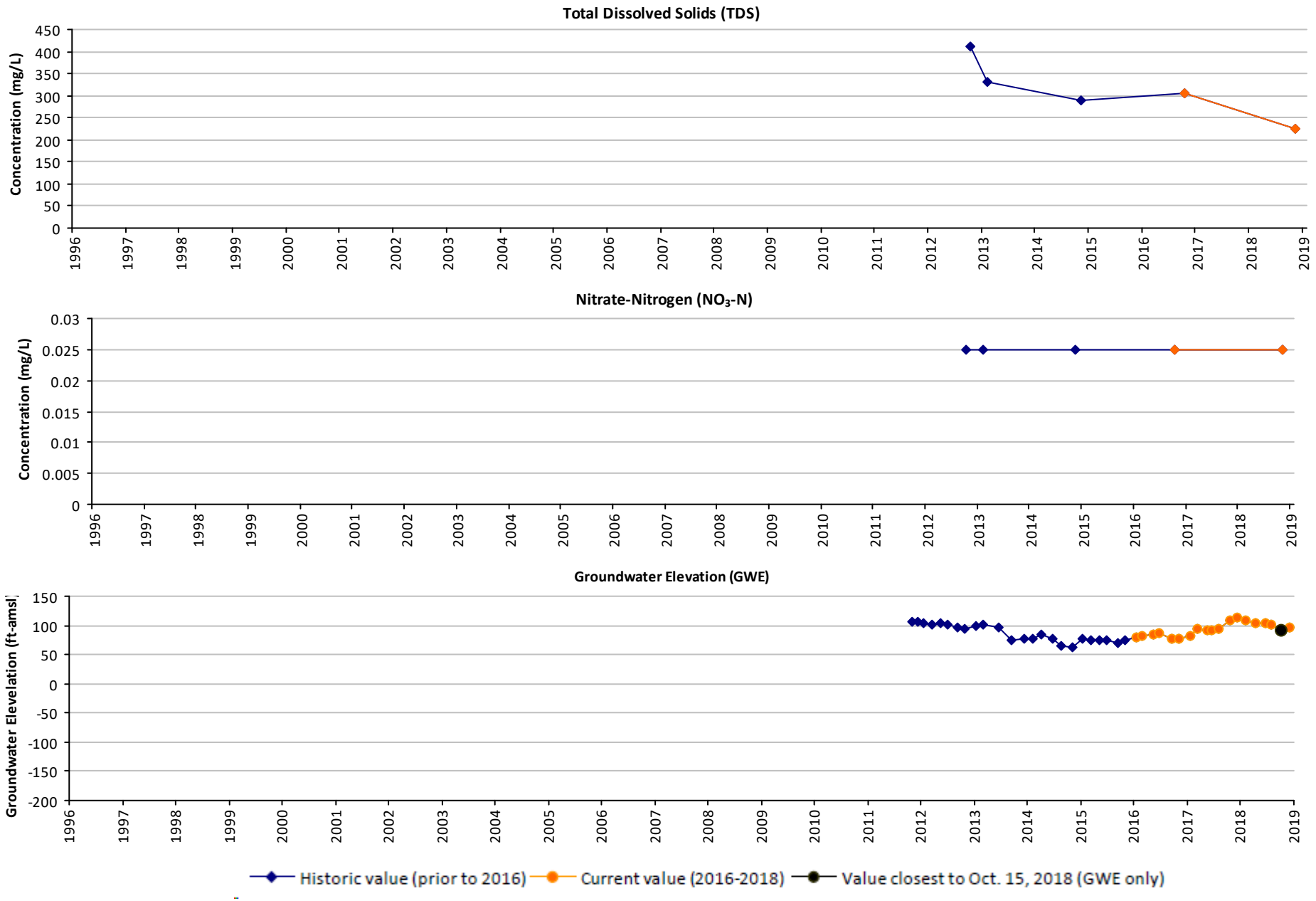

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

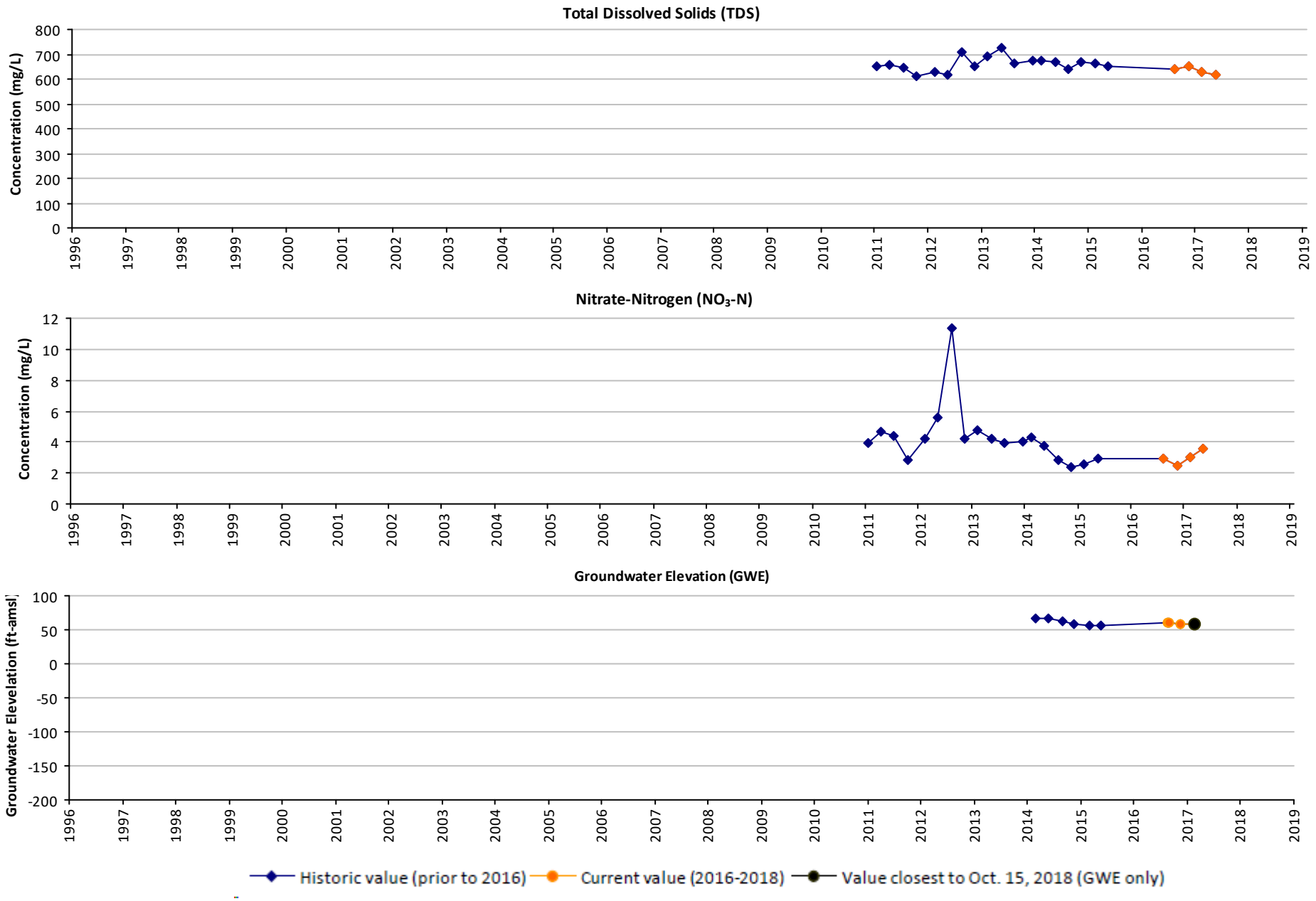

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

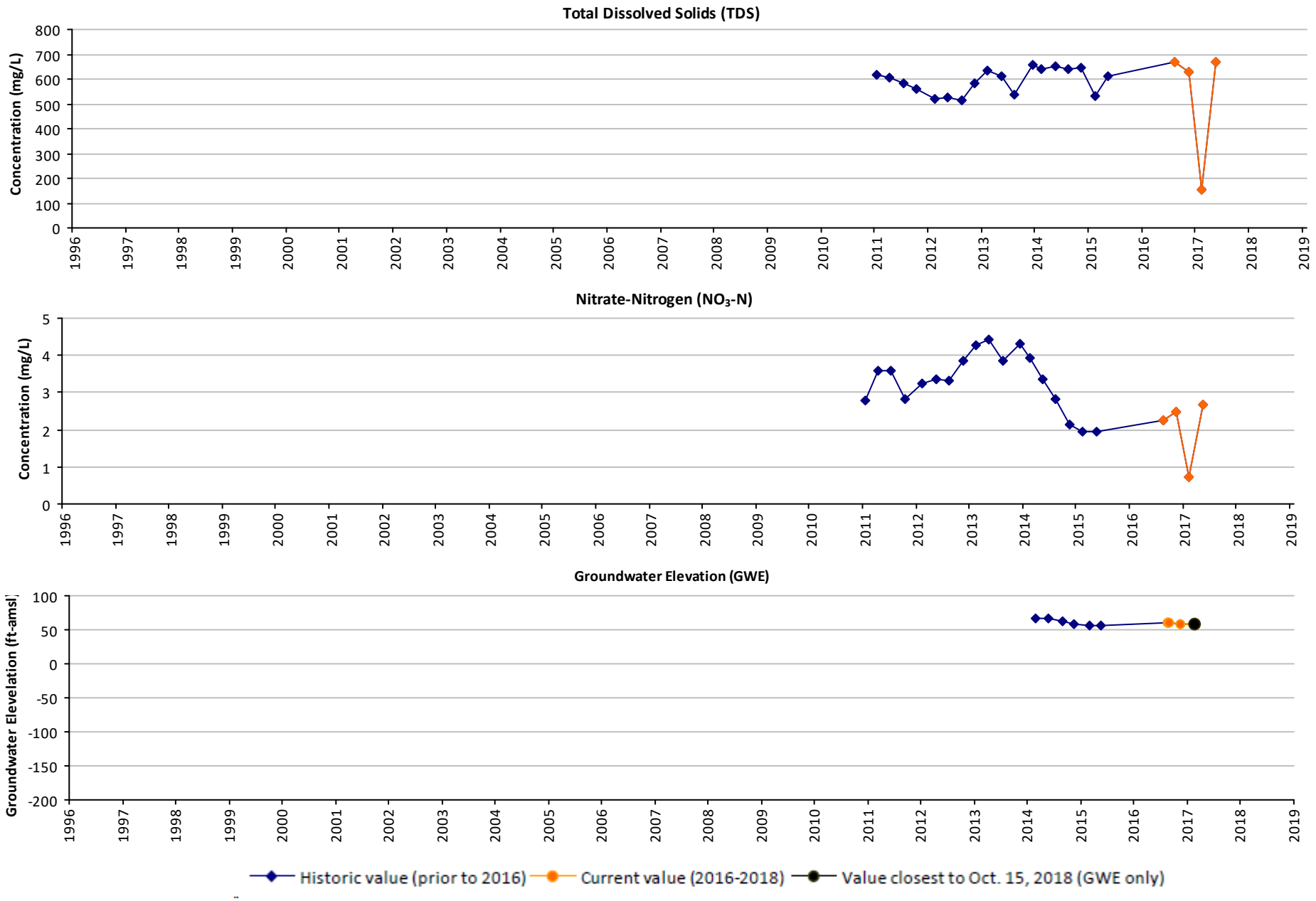

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

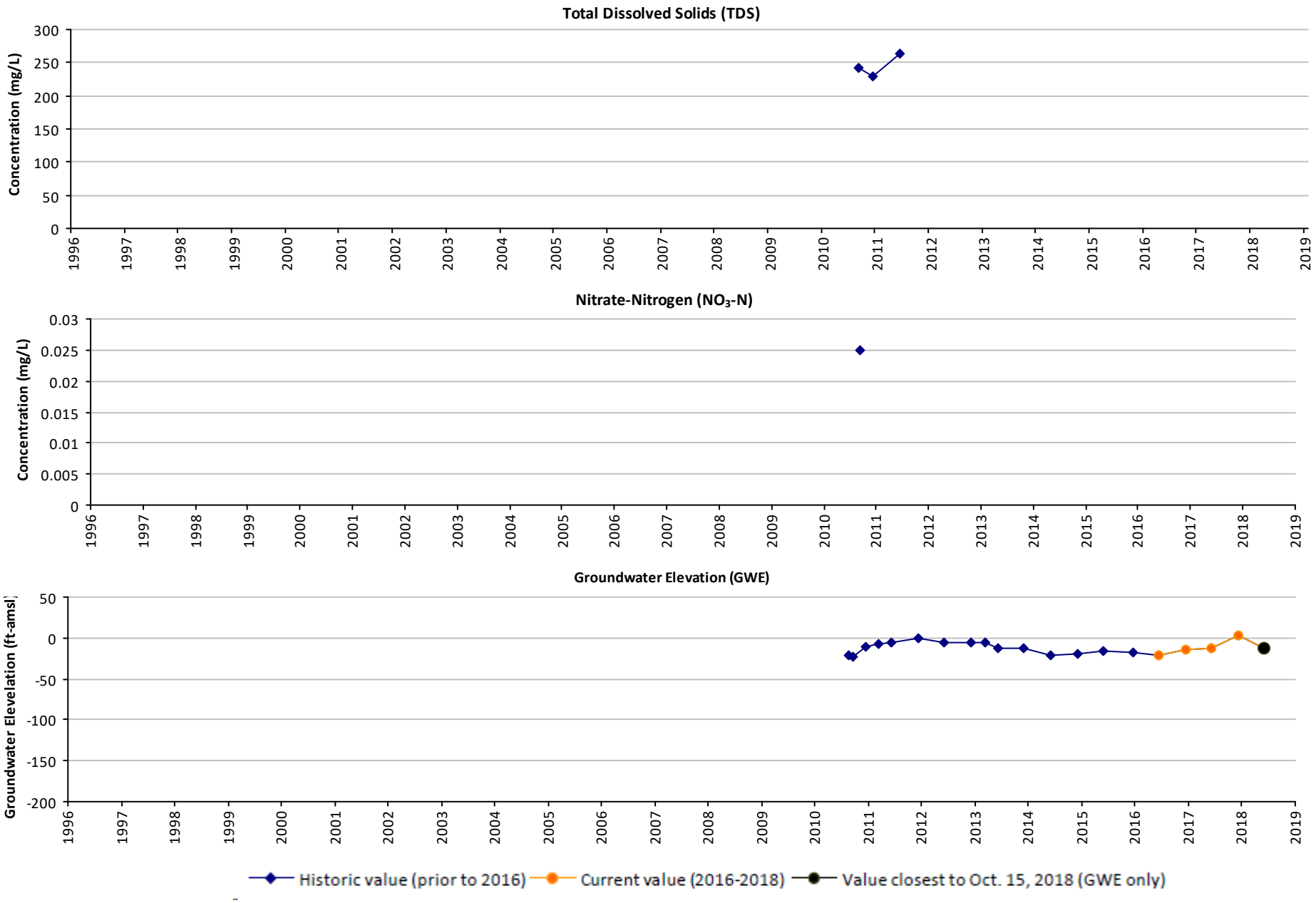

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

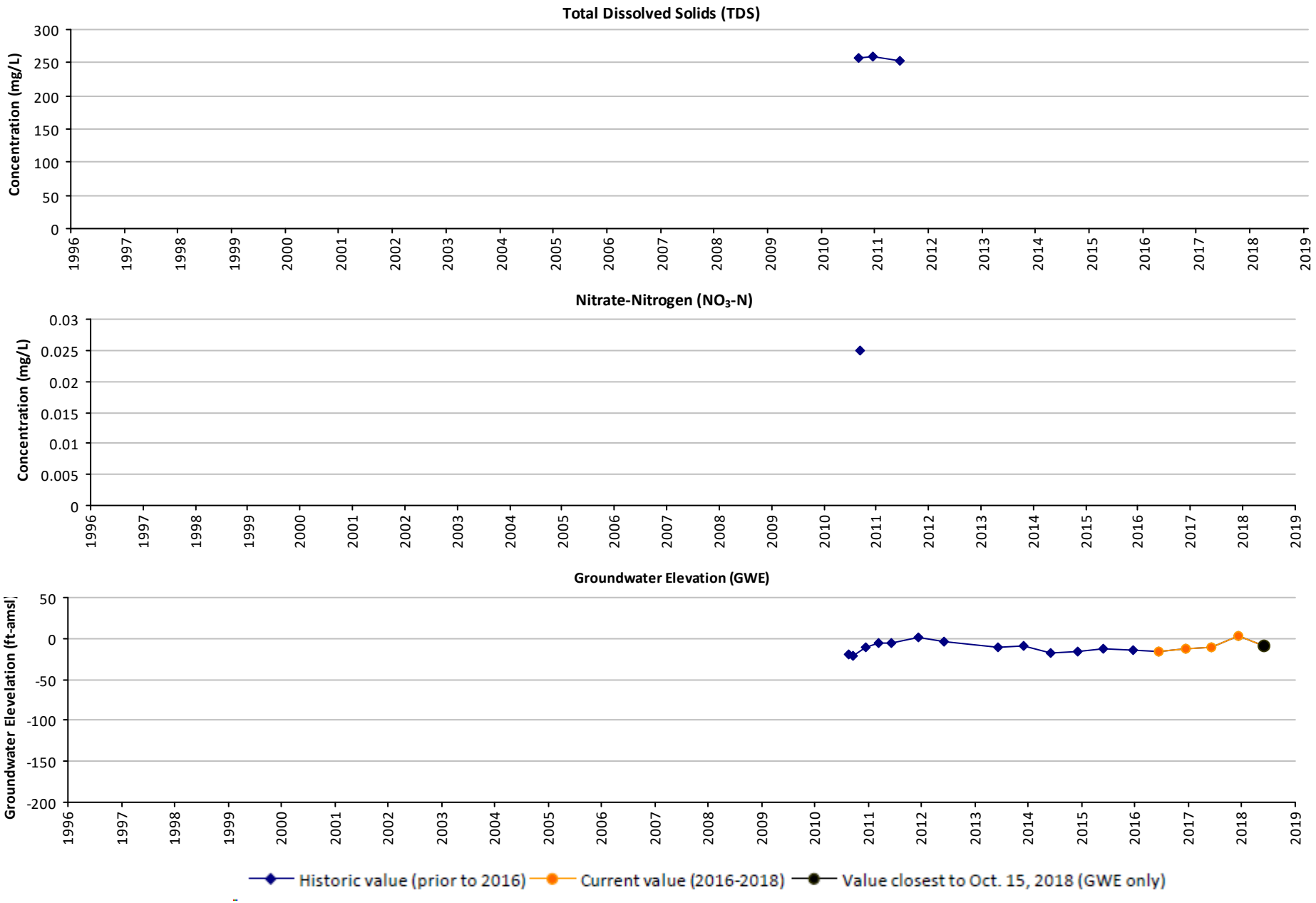

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

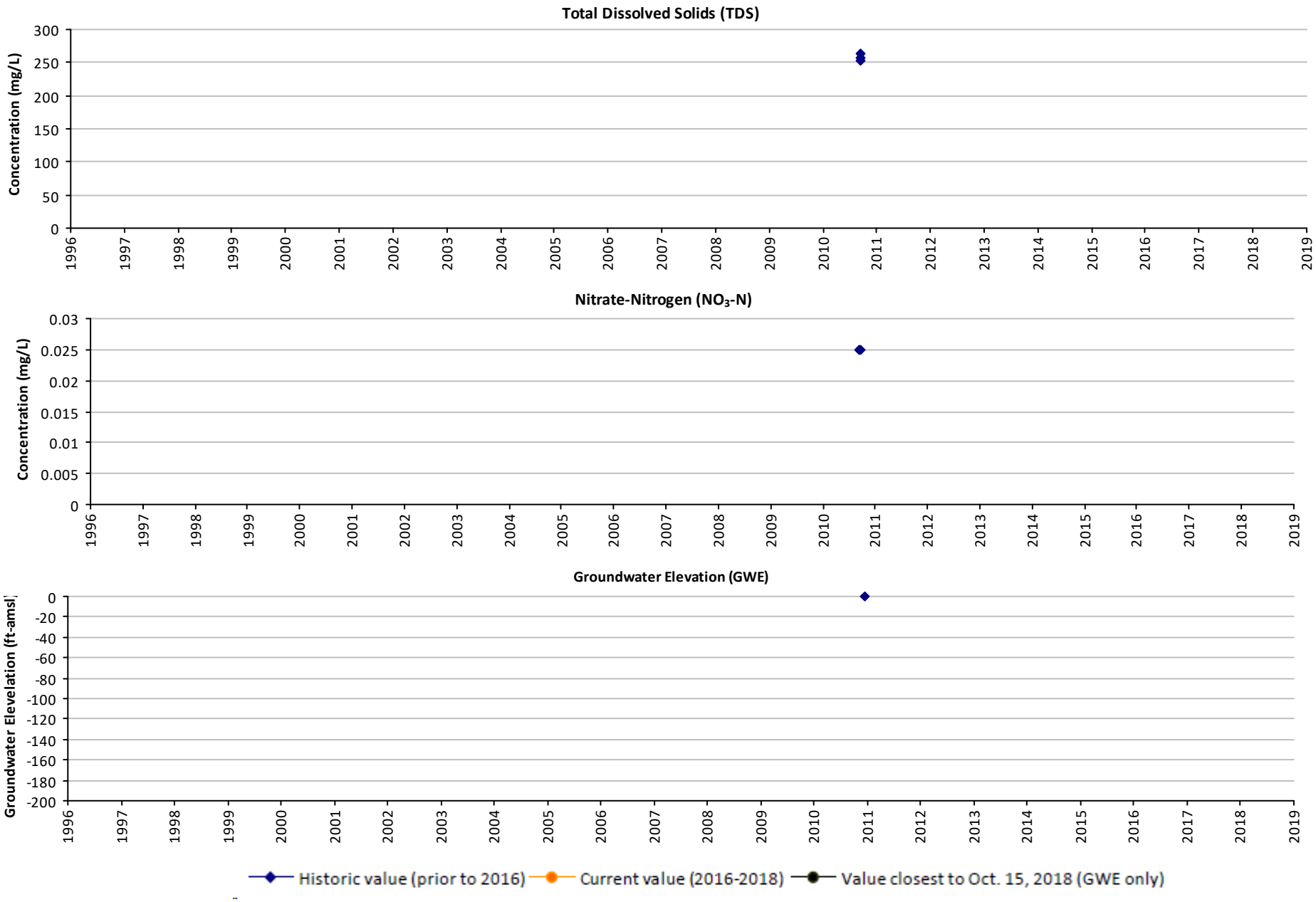

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

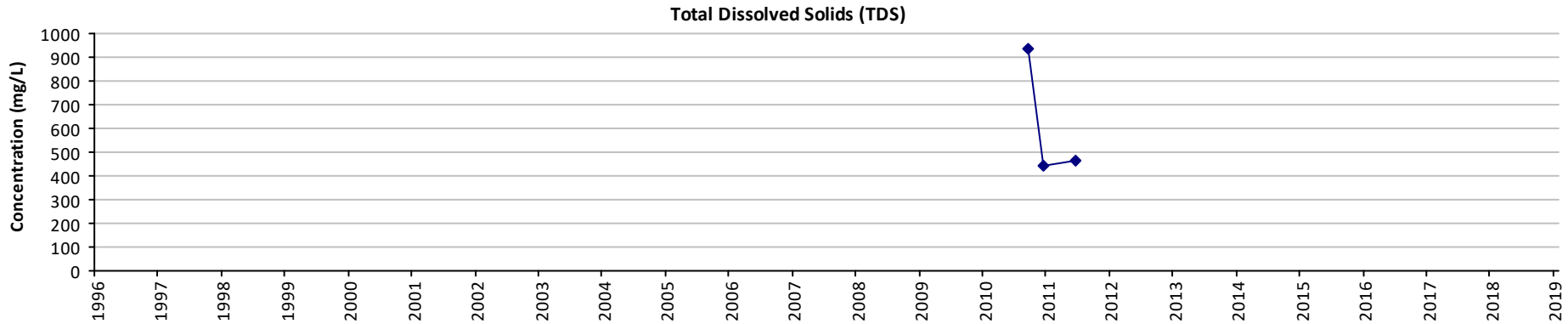

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

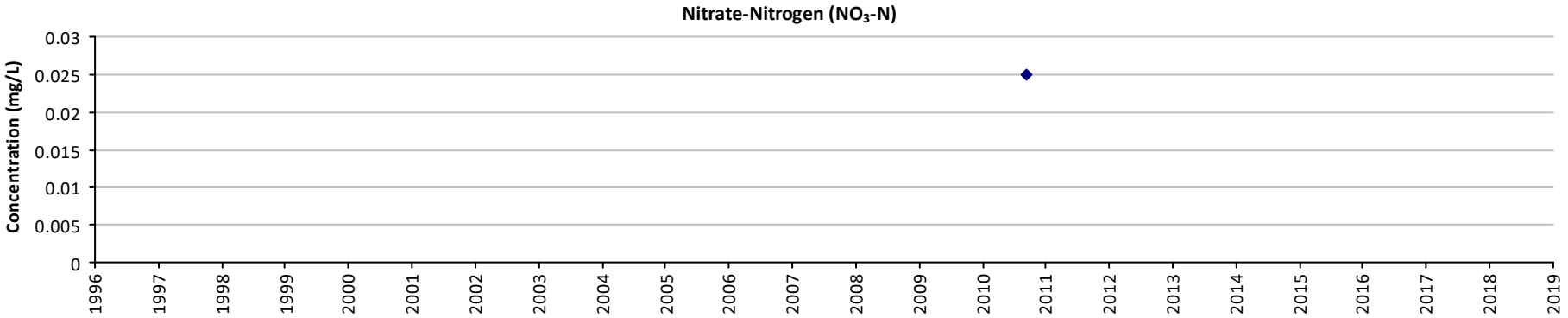

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

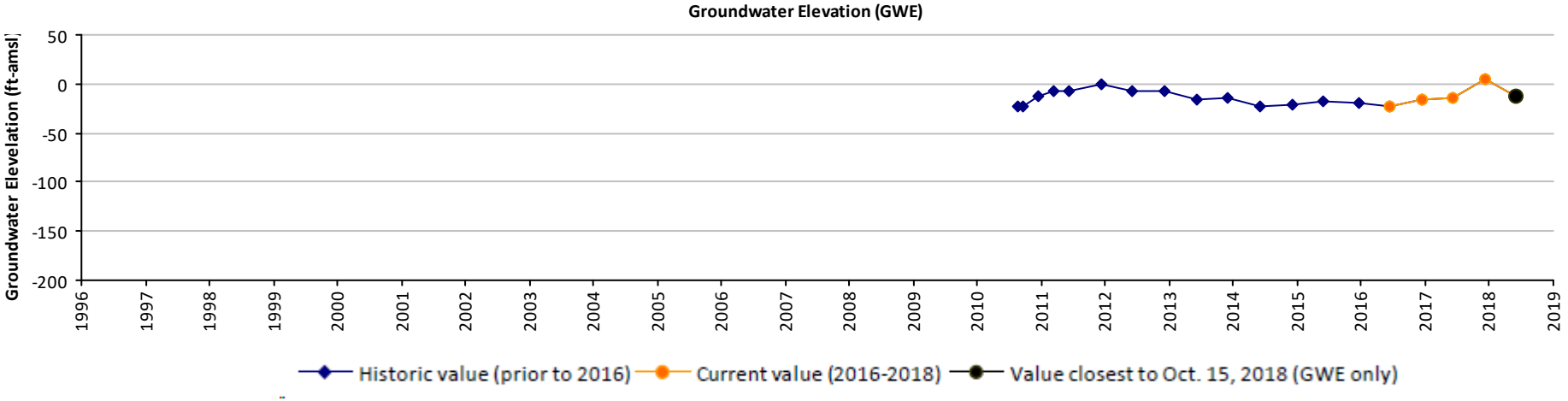

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

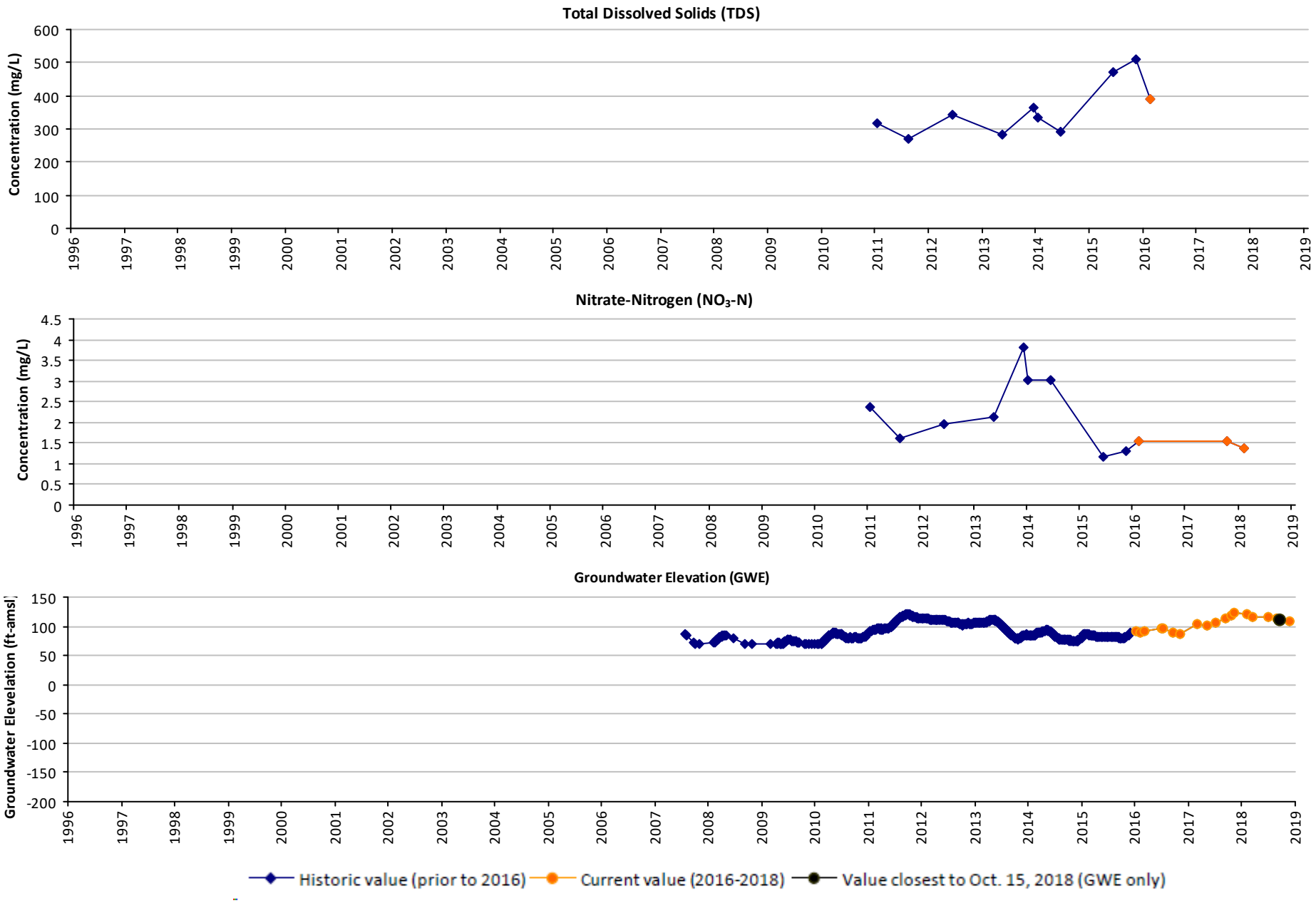

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

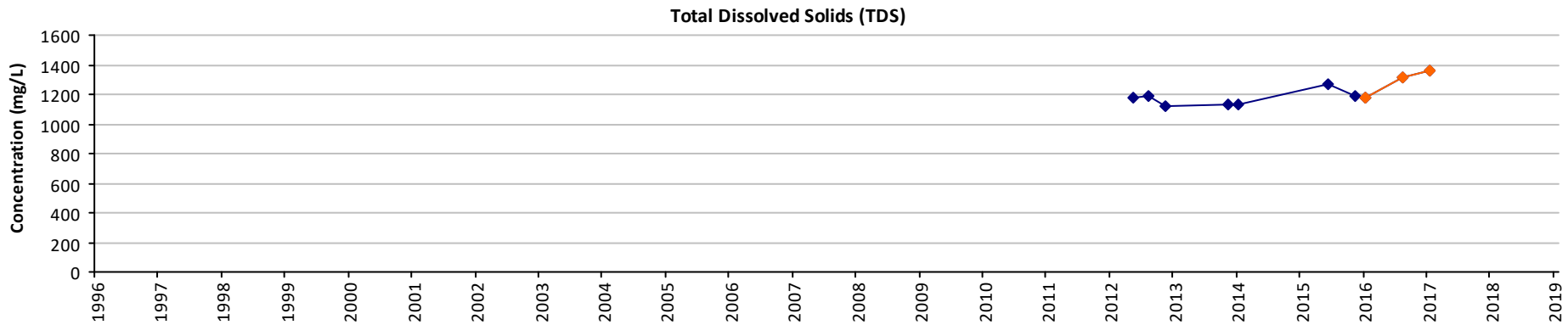

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

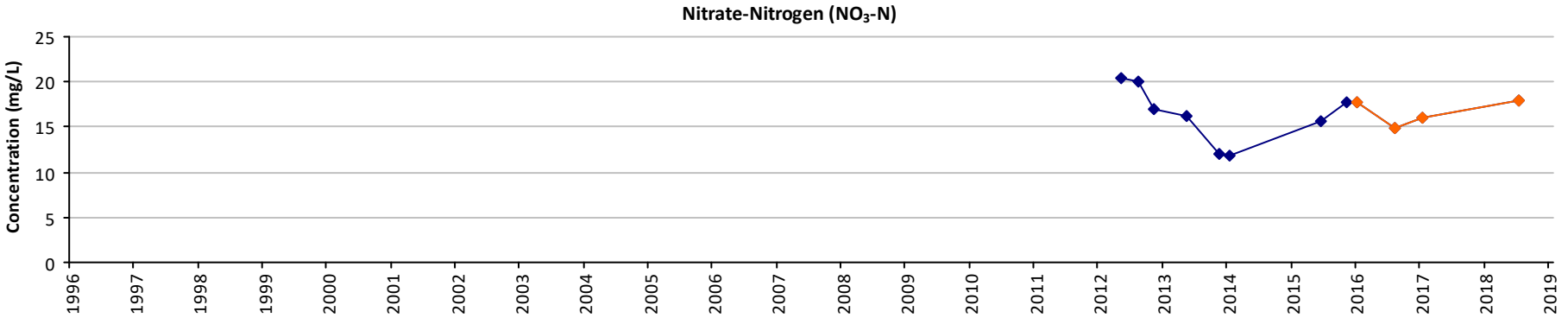

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

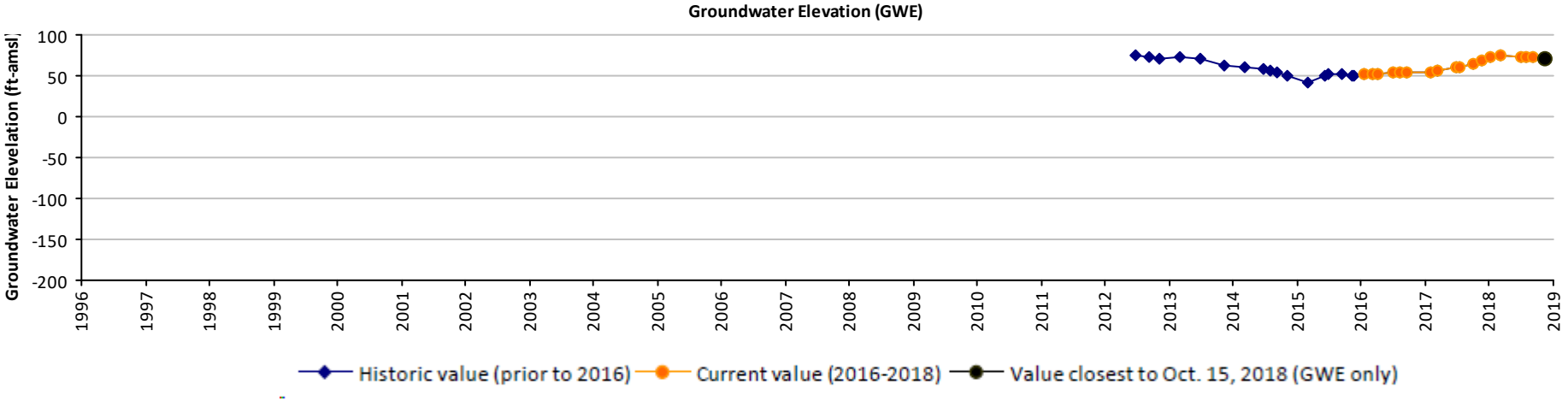

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

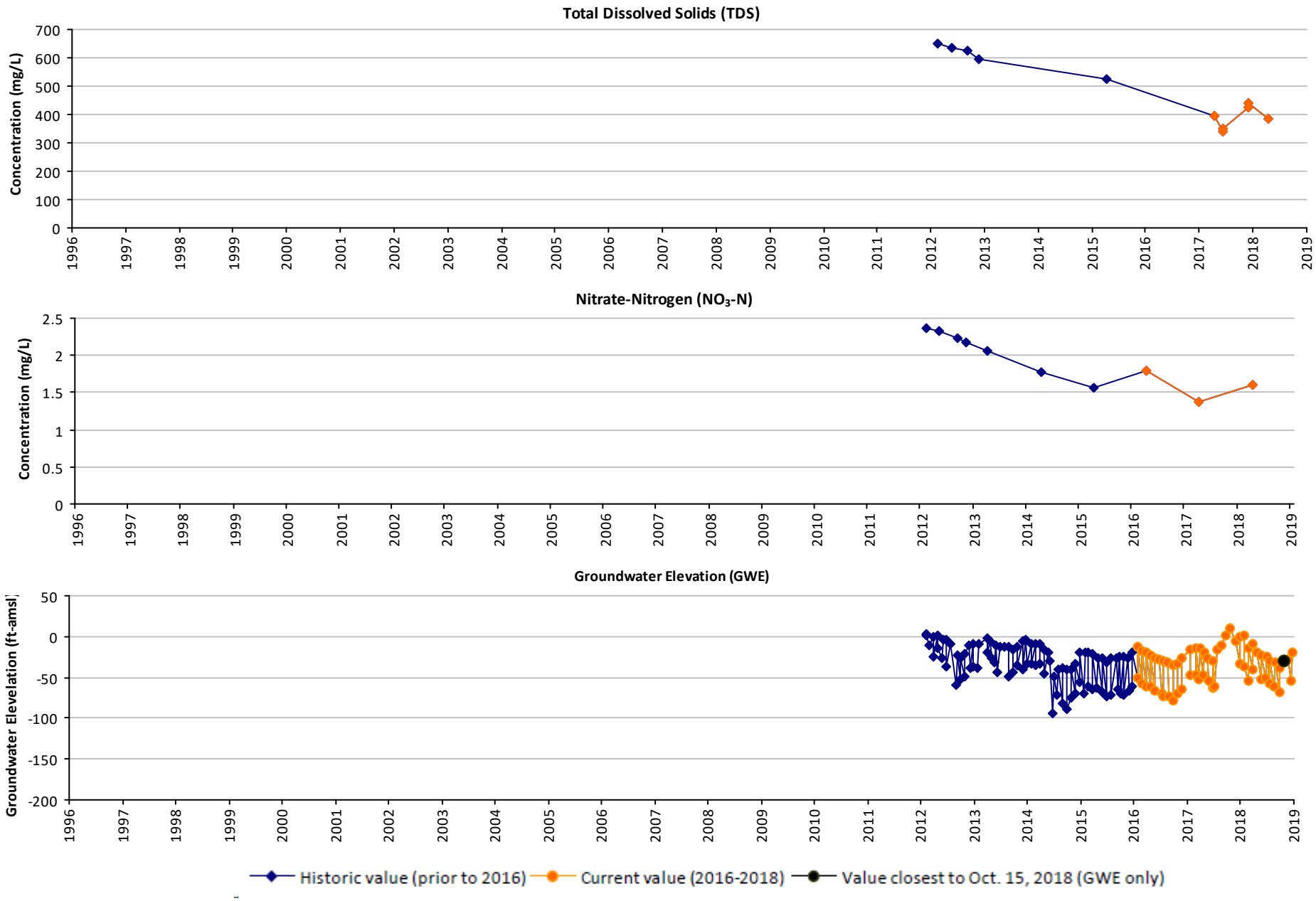
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

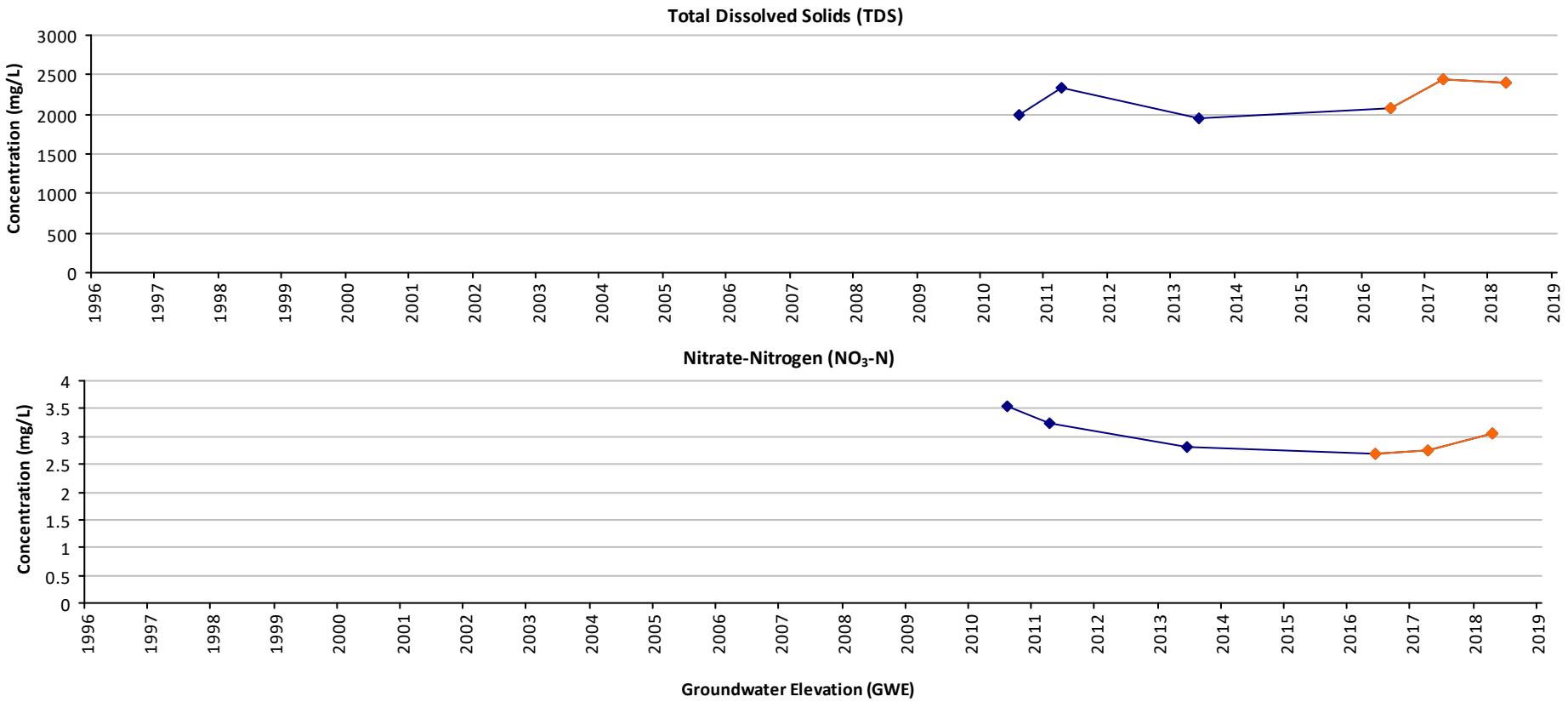
Well ID: 1232345
Management Zone: Orange County

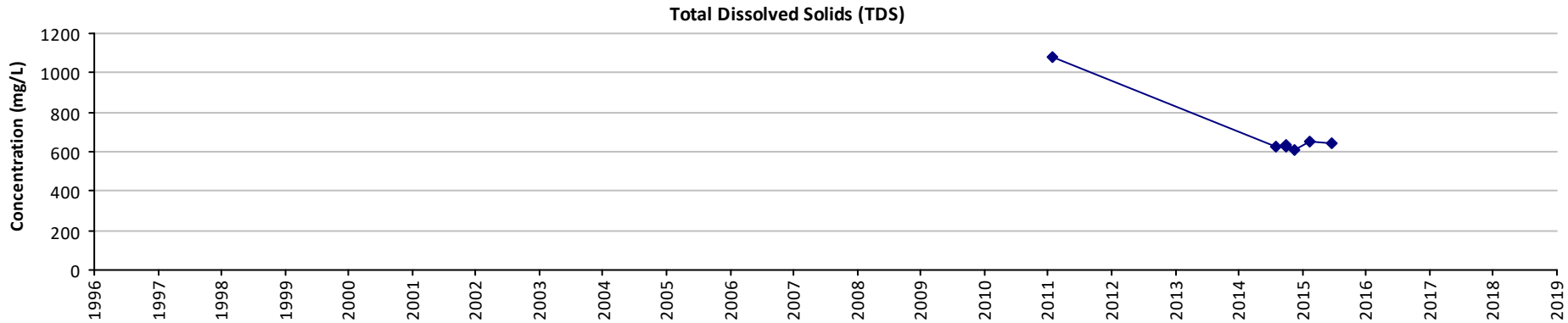


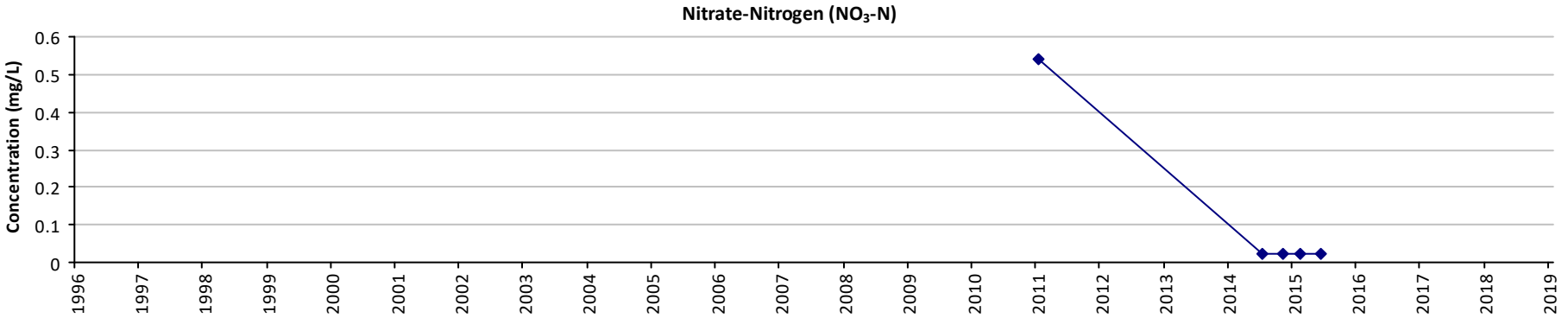


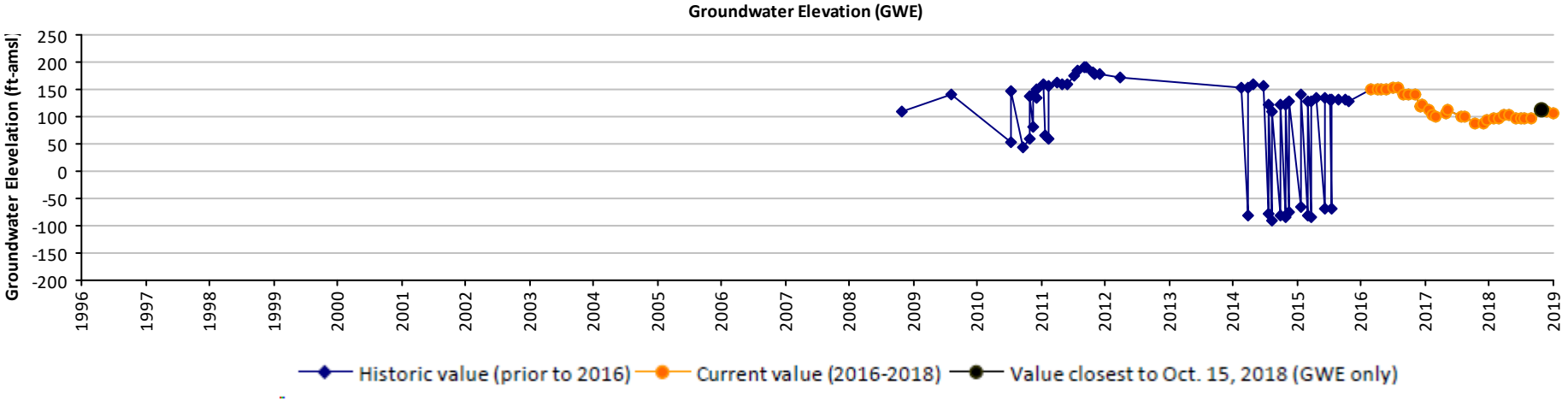


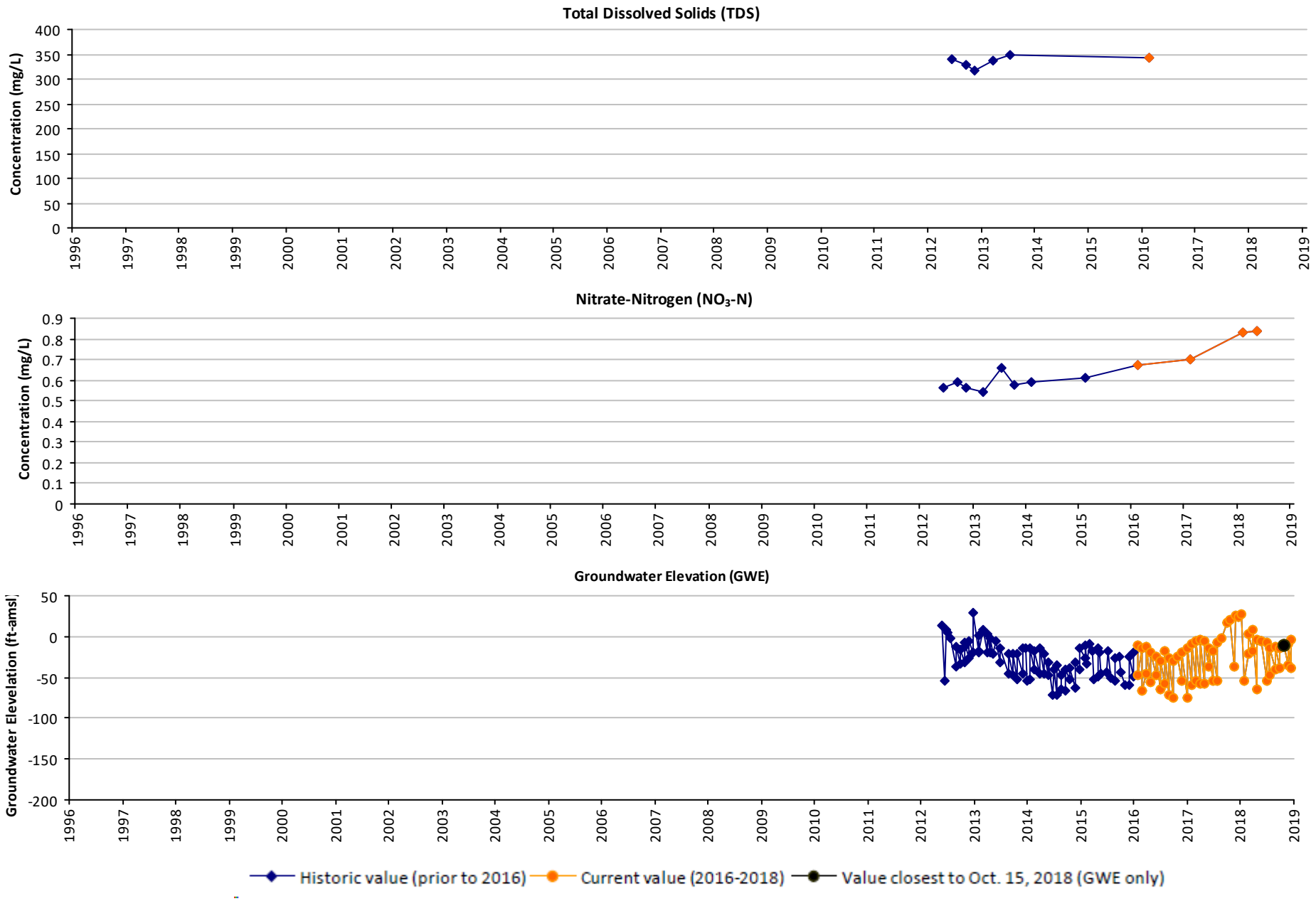

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

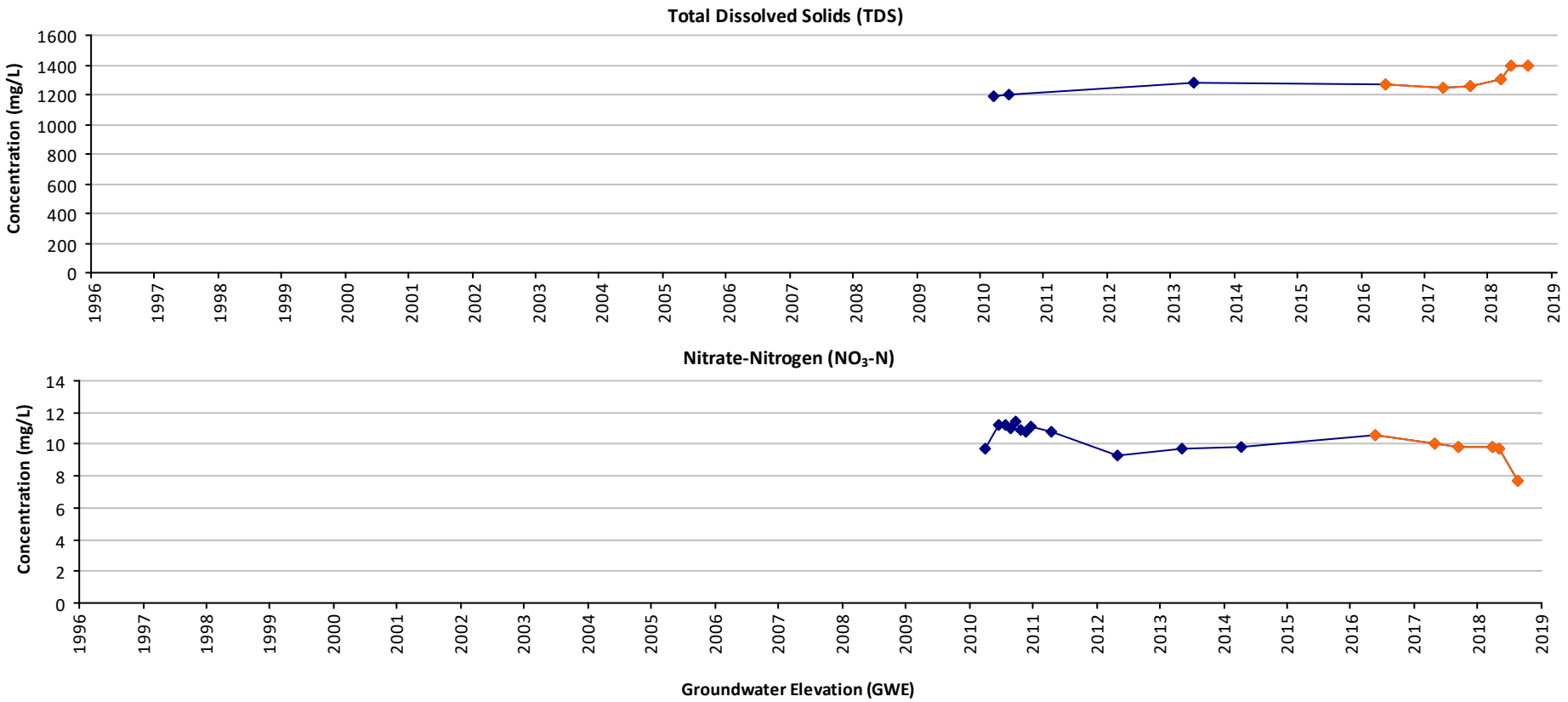

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

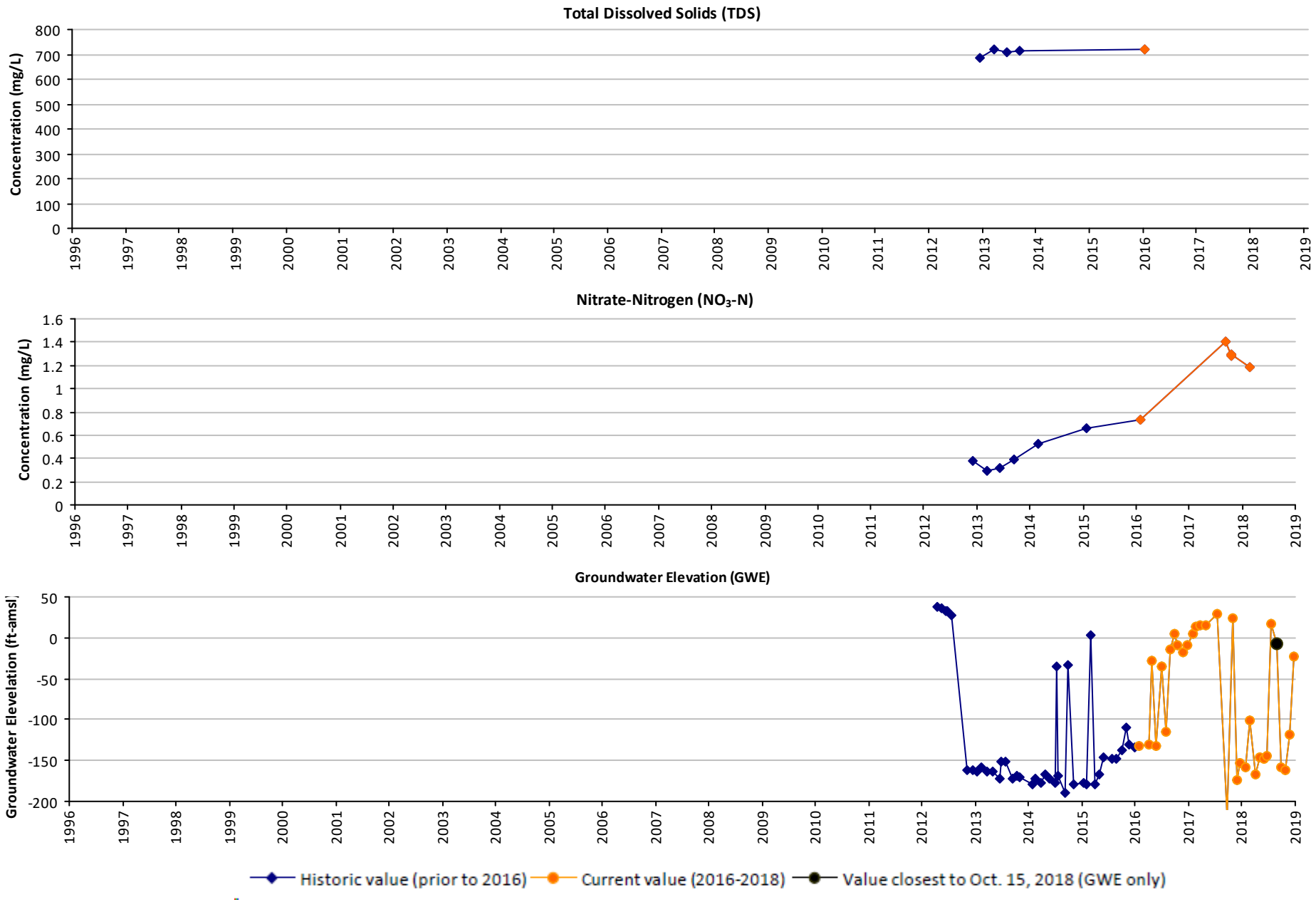

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

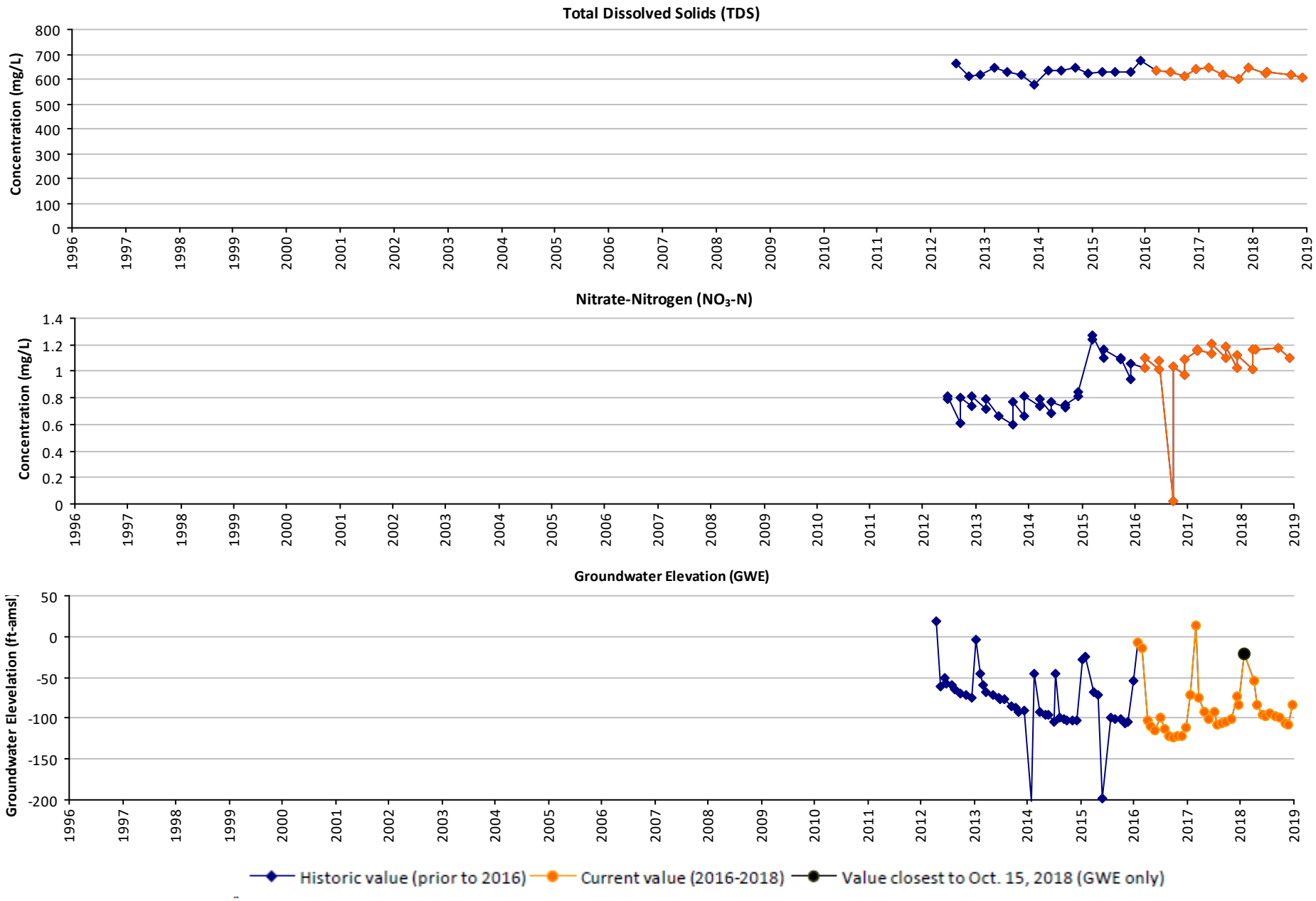

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

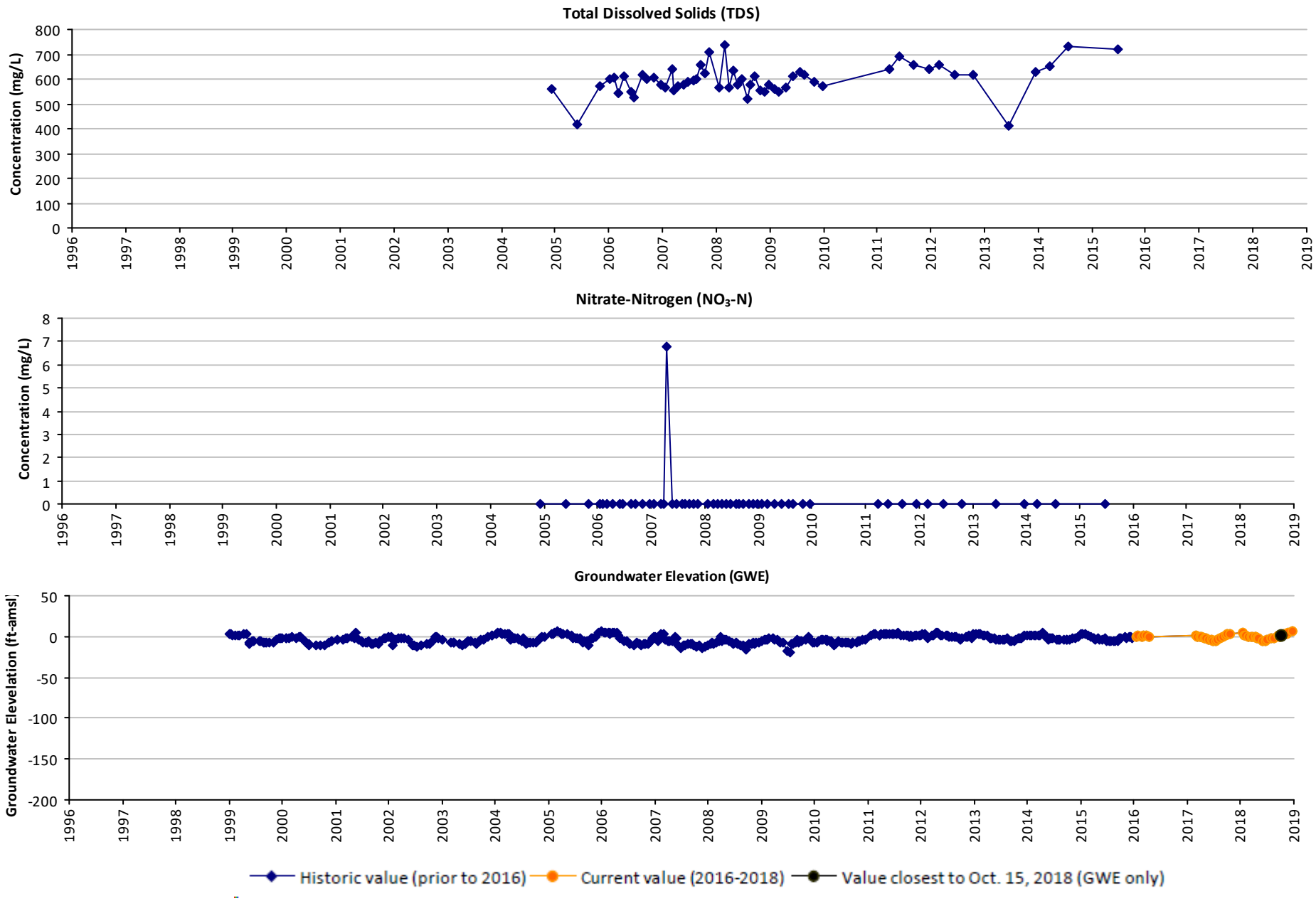

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

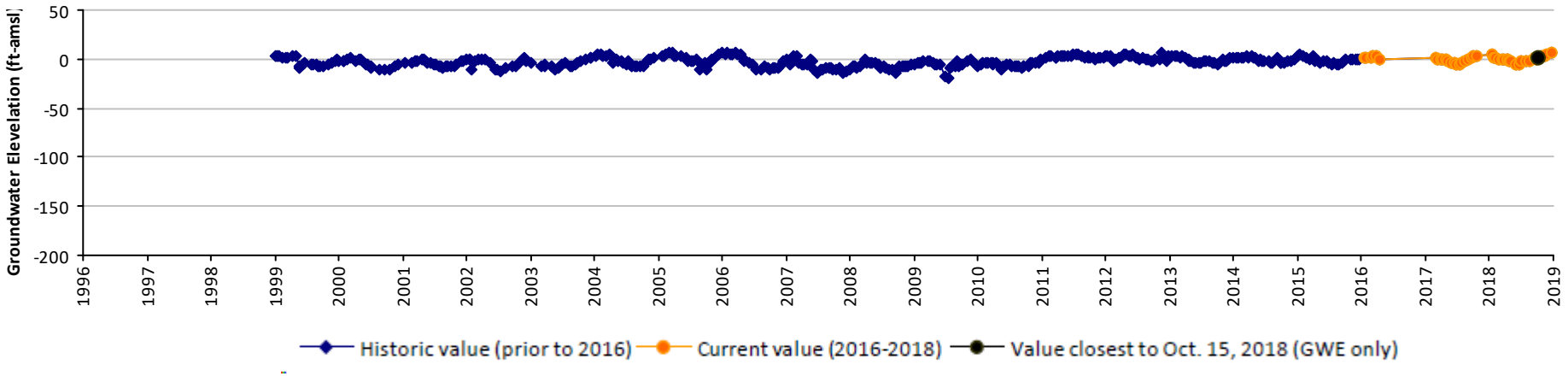

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

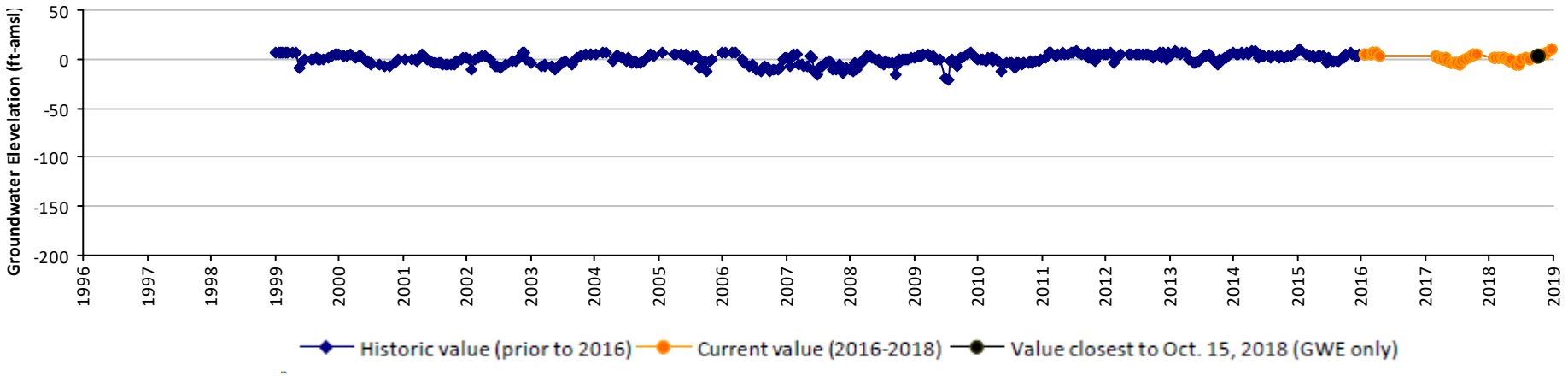
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

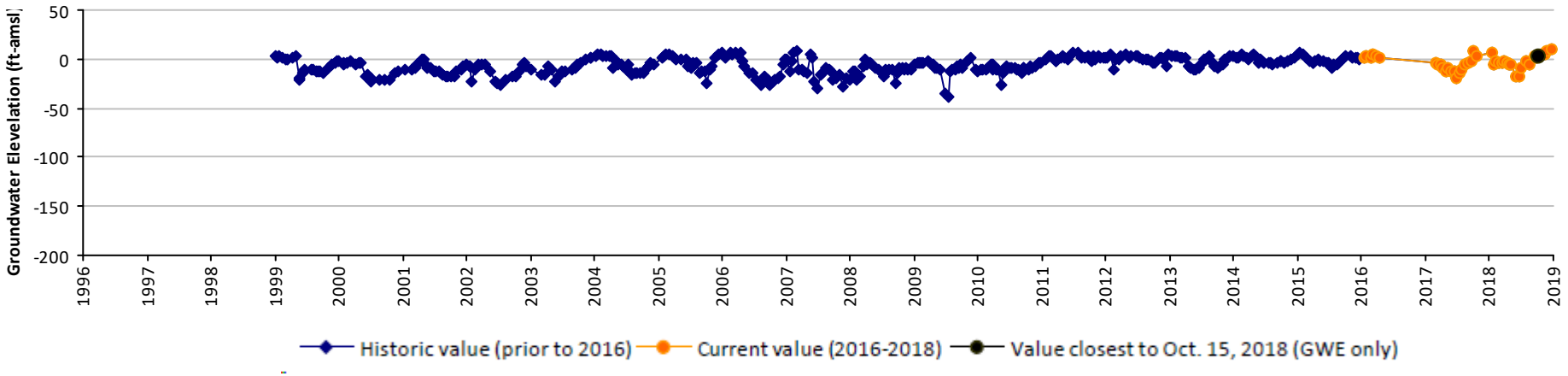
Groundwater Elevation (GWE)

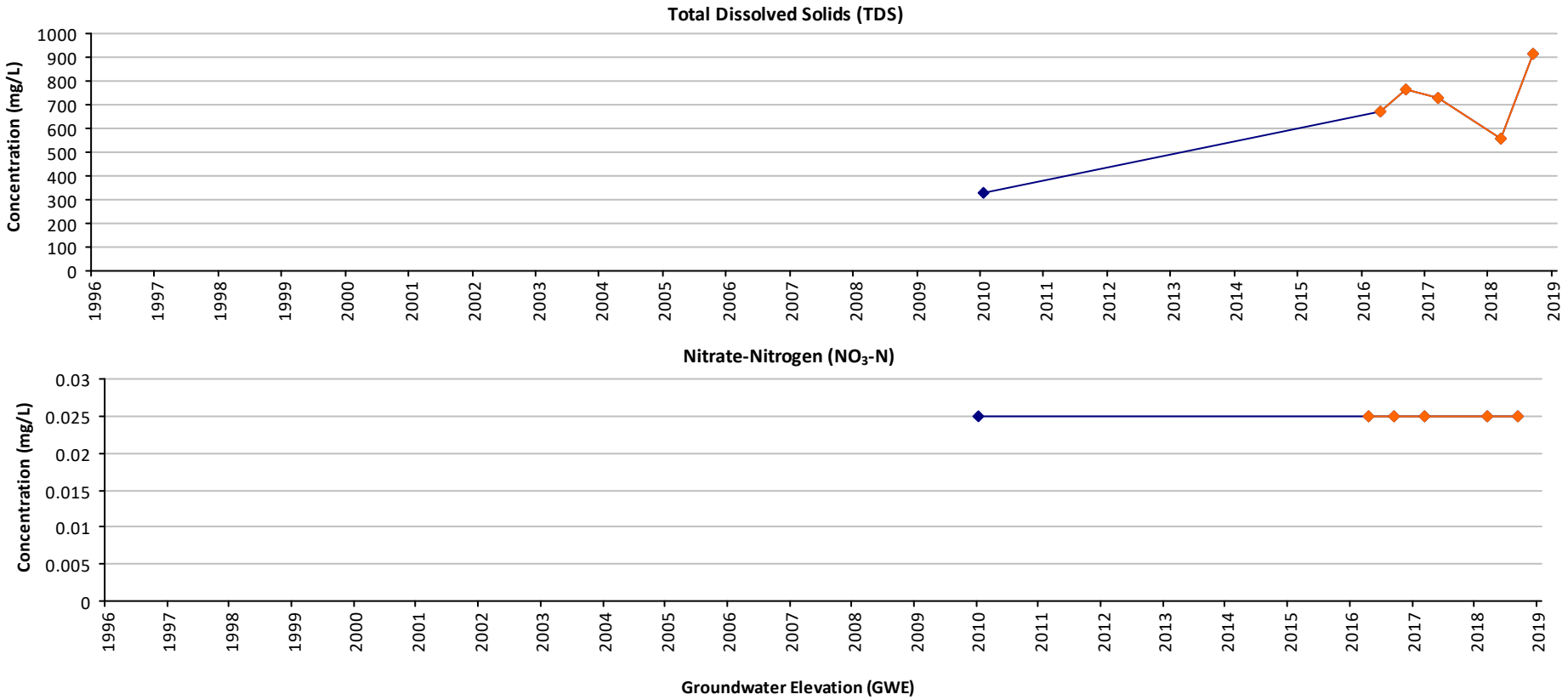


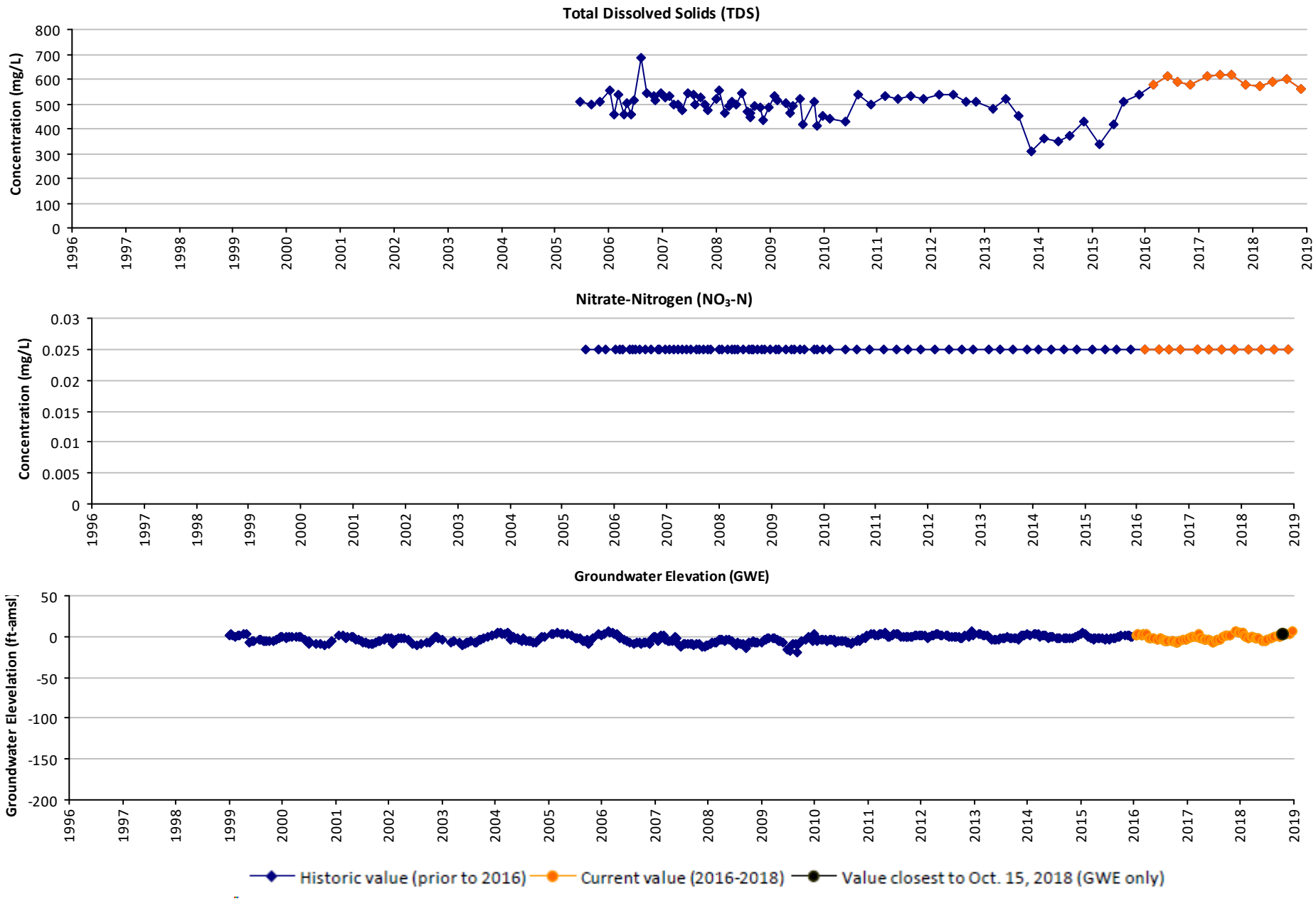
Total Dissolved Solids (TDS)

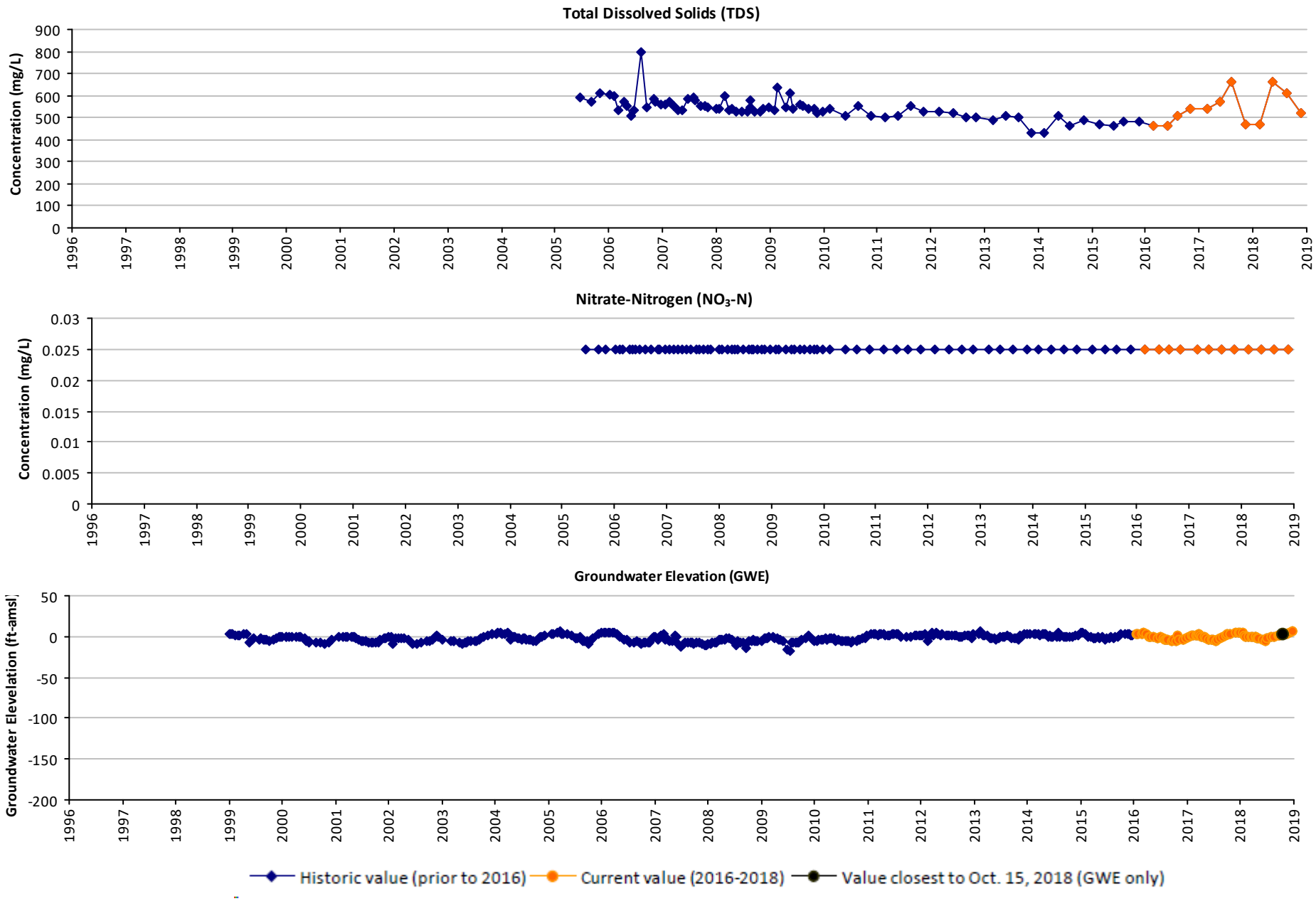
Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

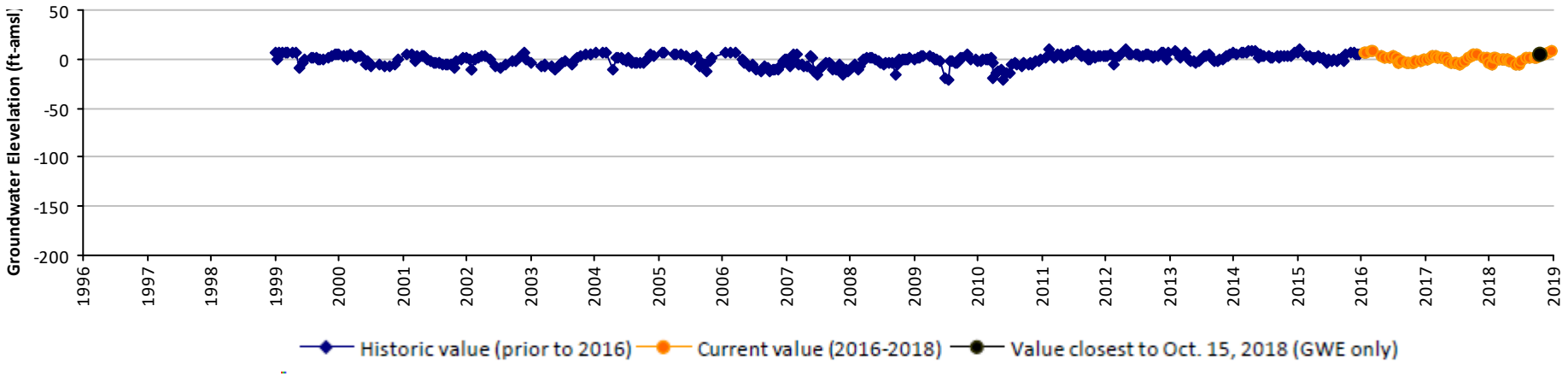

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

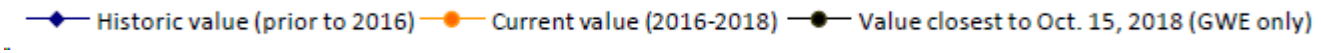
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

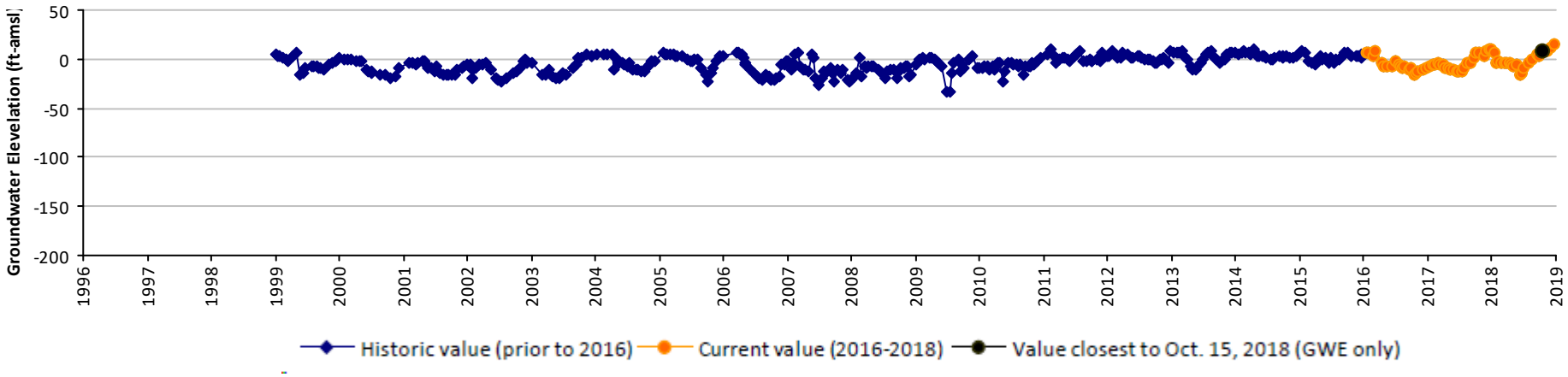
Groundwater Elevation (GWE)

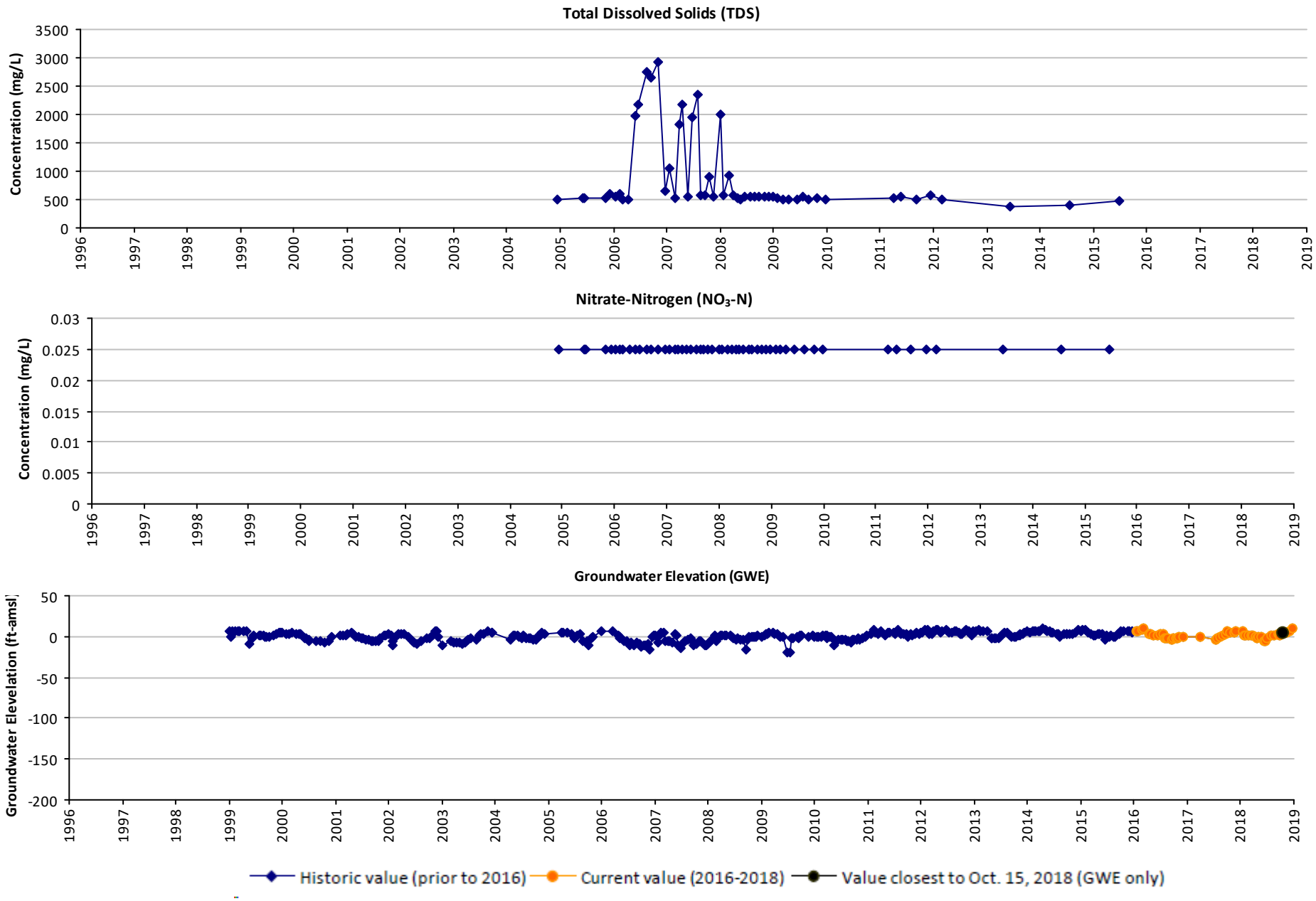


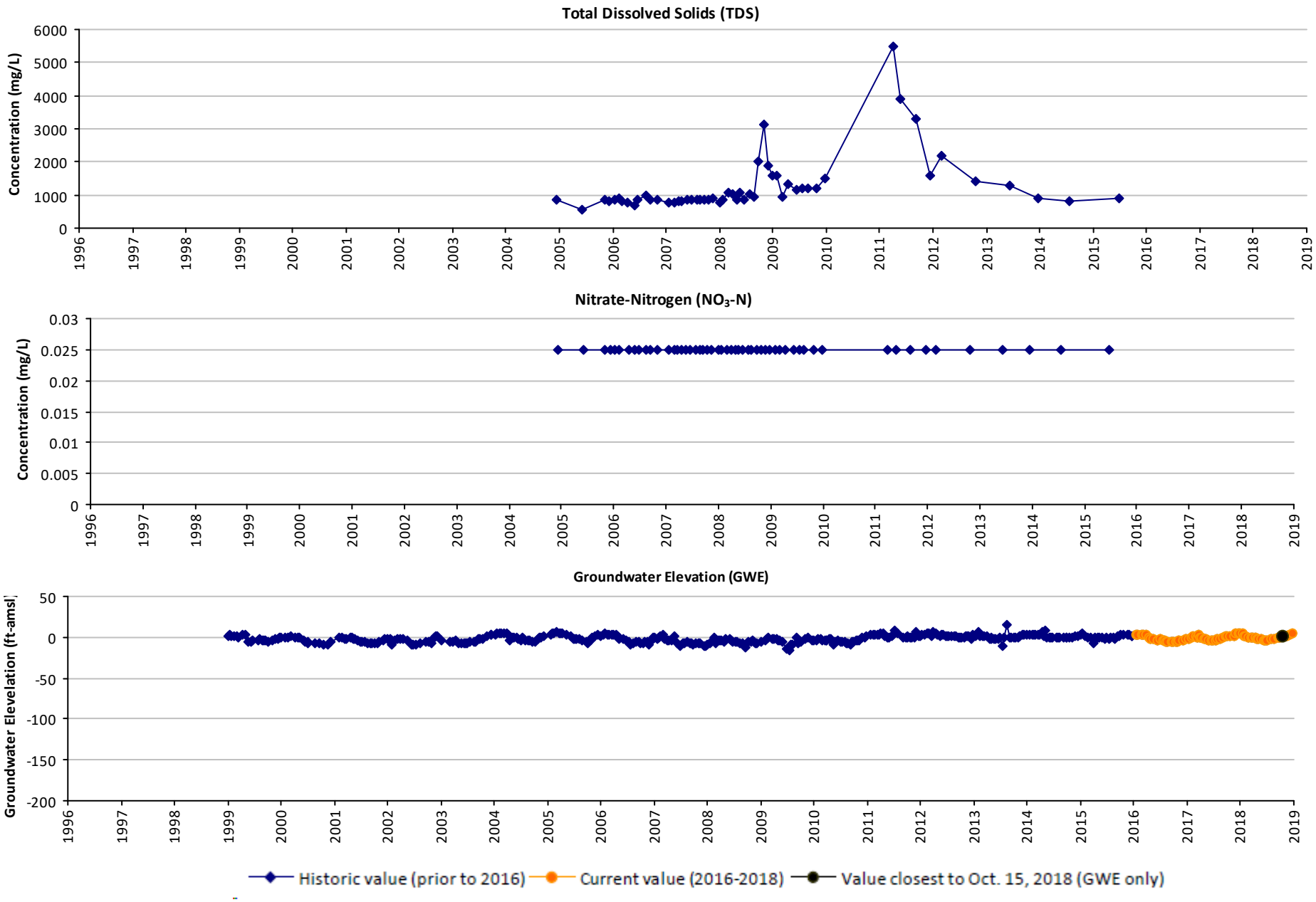
Total Dissolved Solids (TDS)

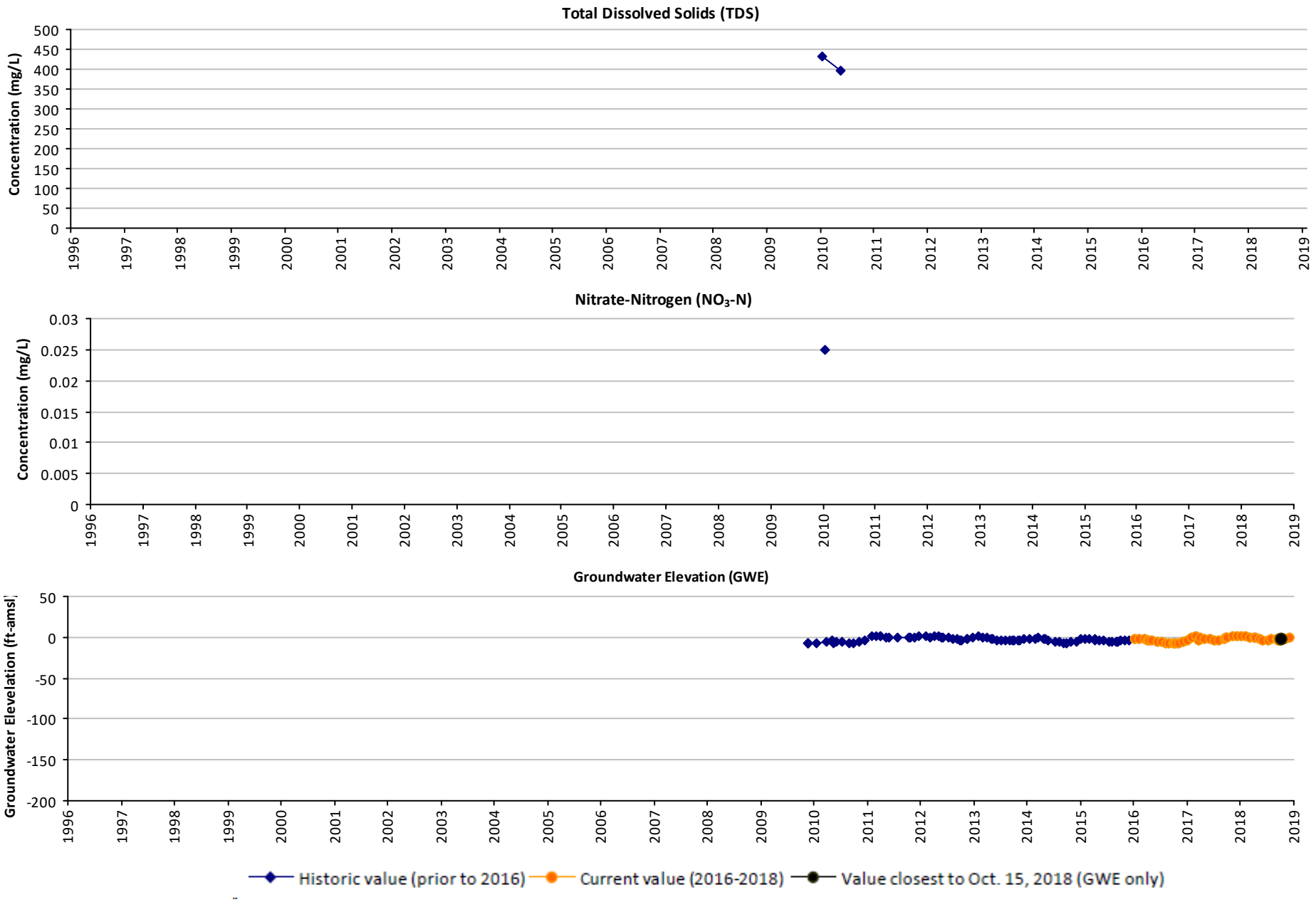
Nitrate-Nitrogen (NO_3-N)

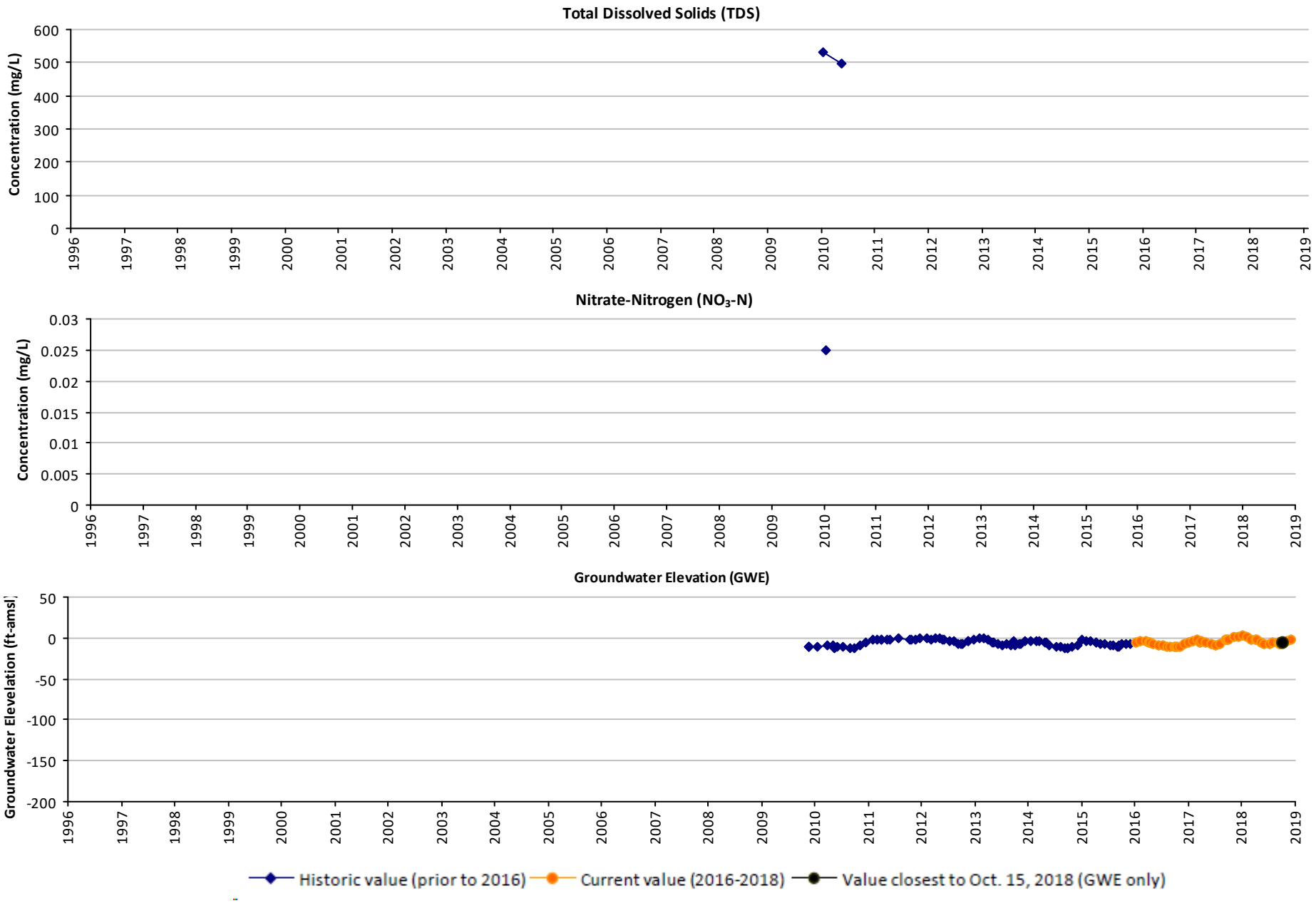
Groundwater Elevation (GWE)

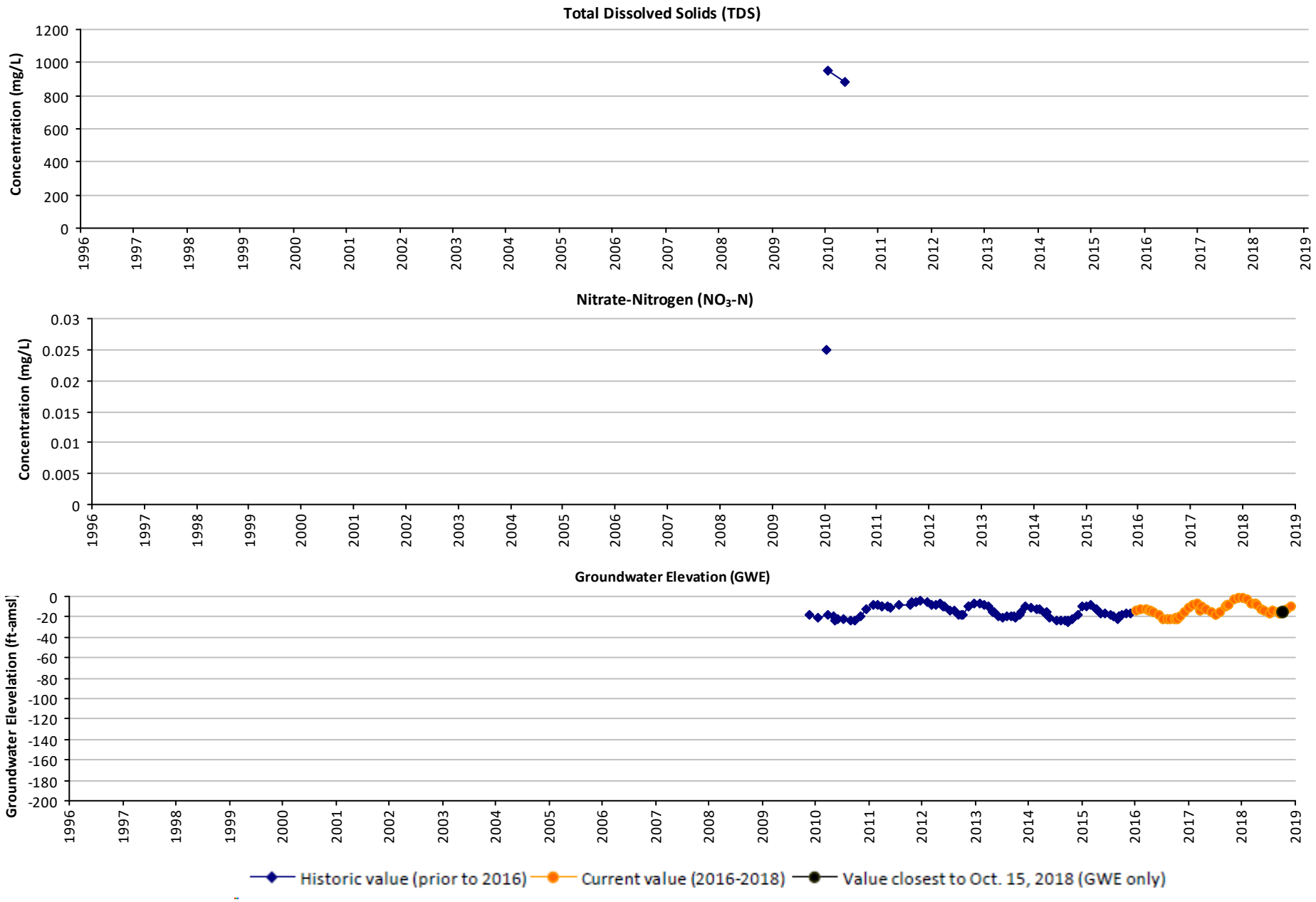


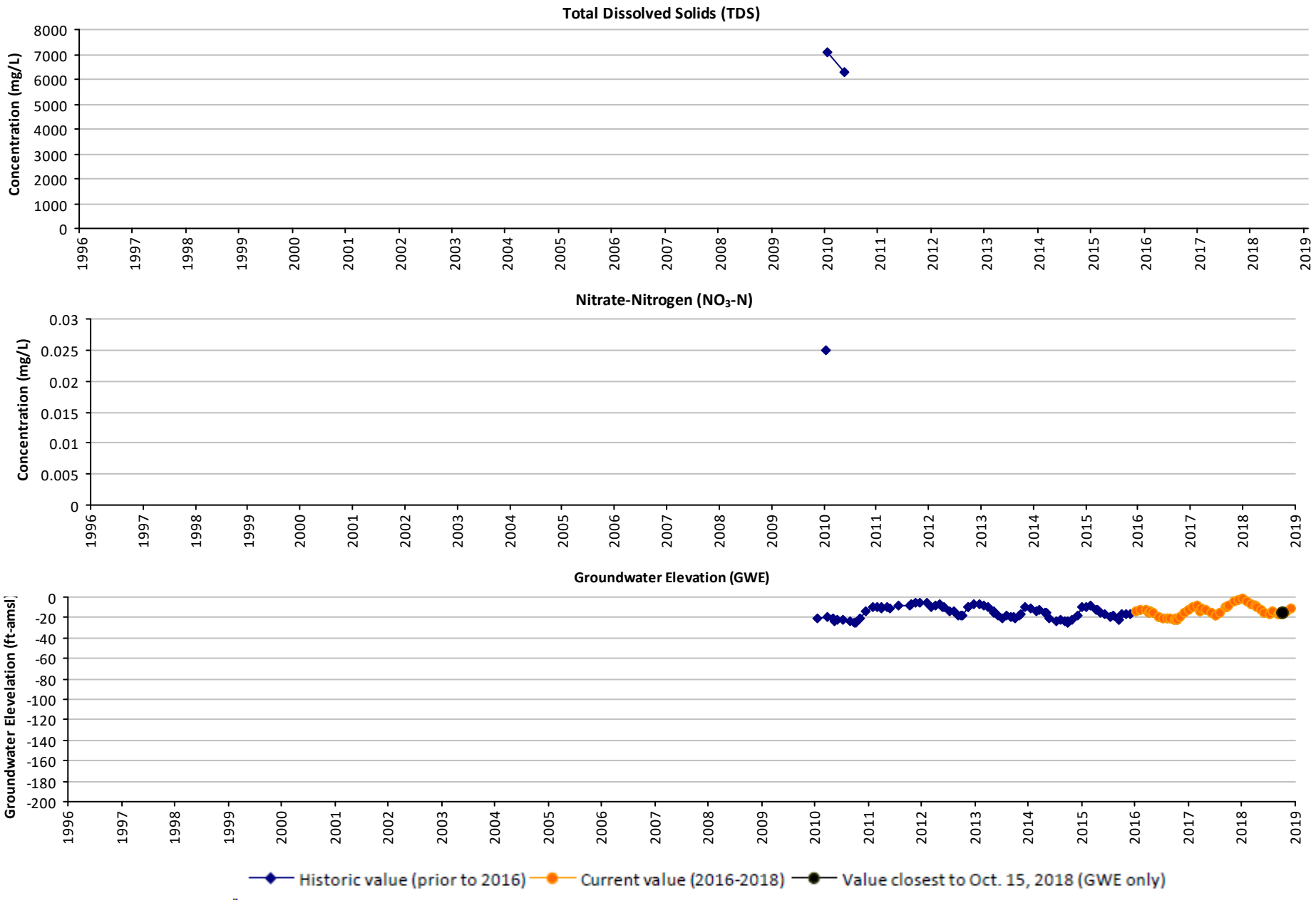

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

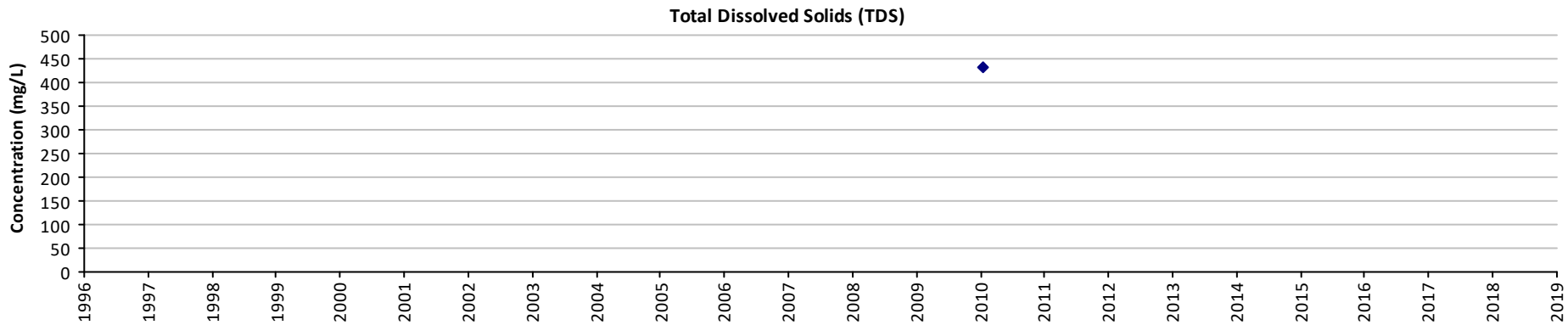

Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

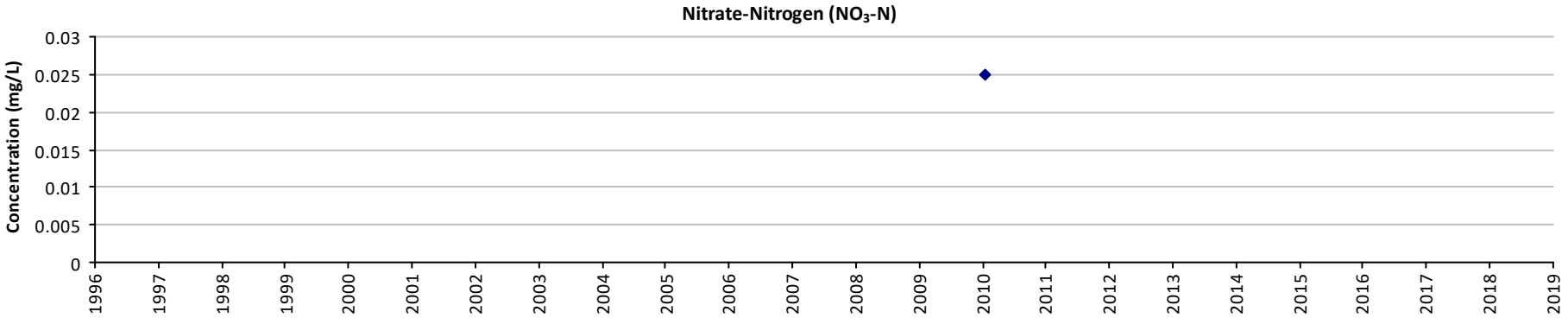

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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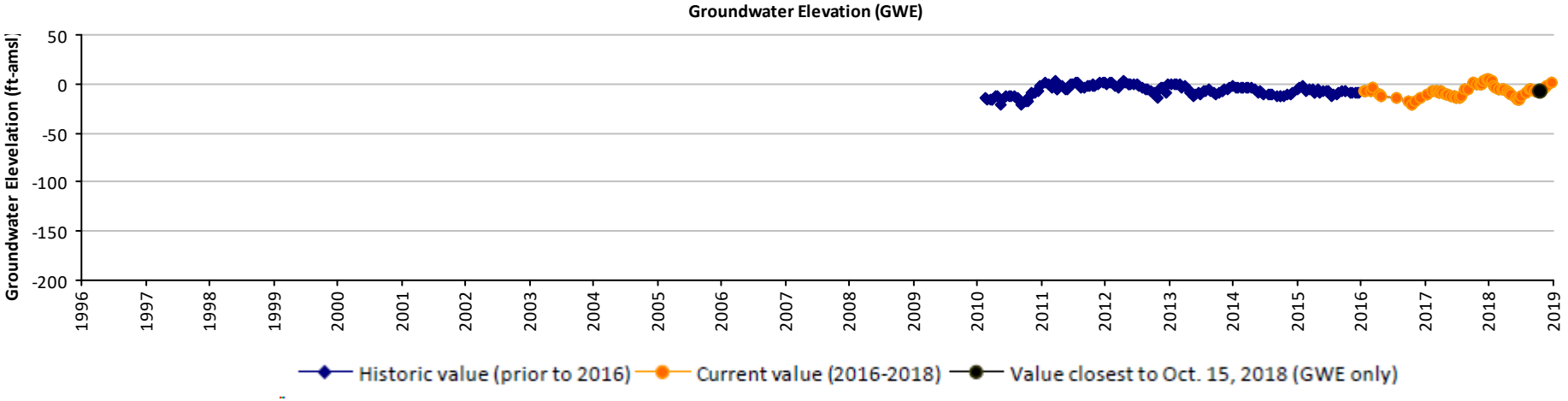
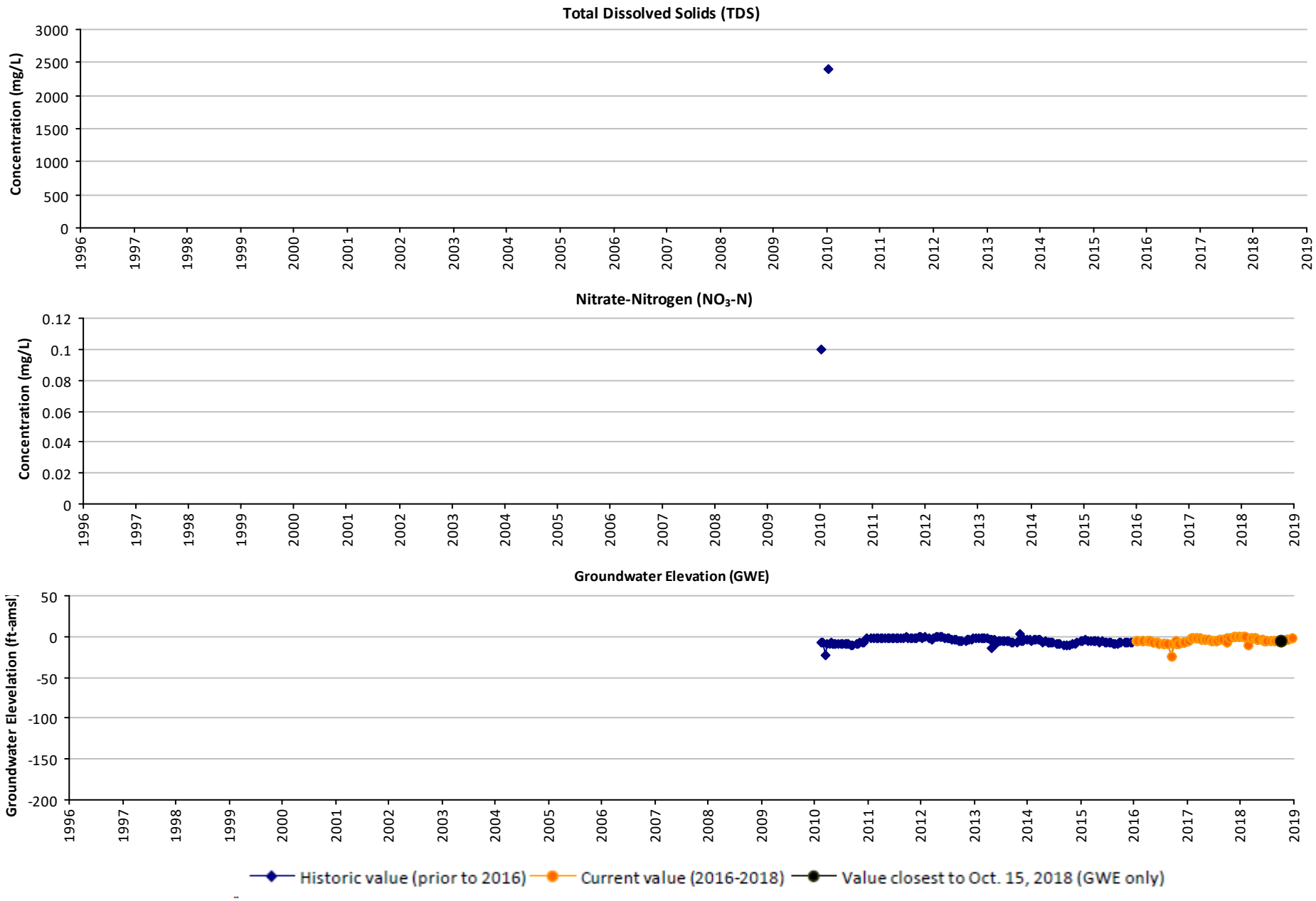
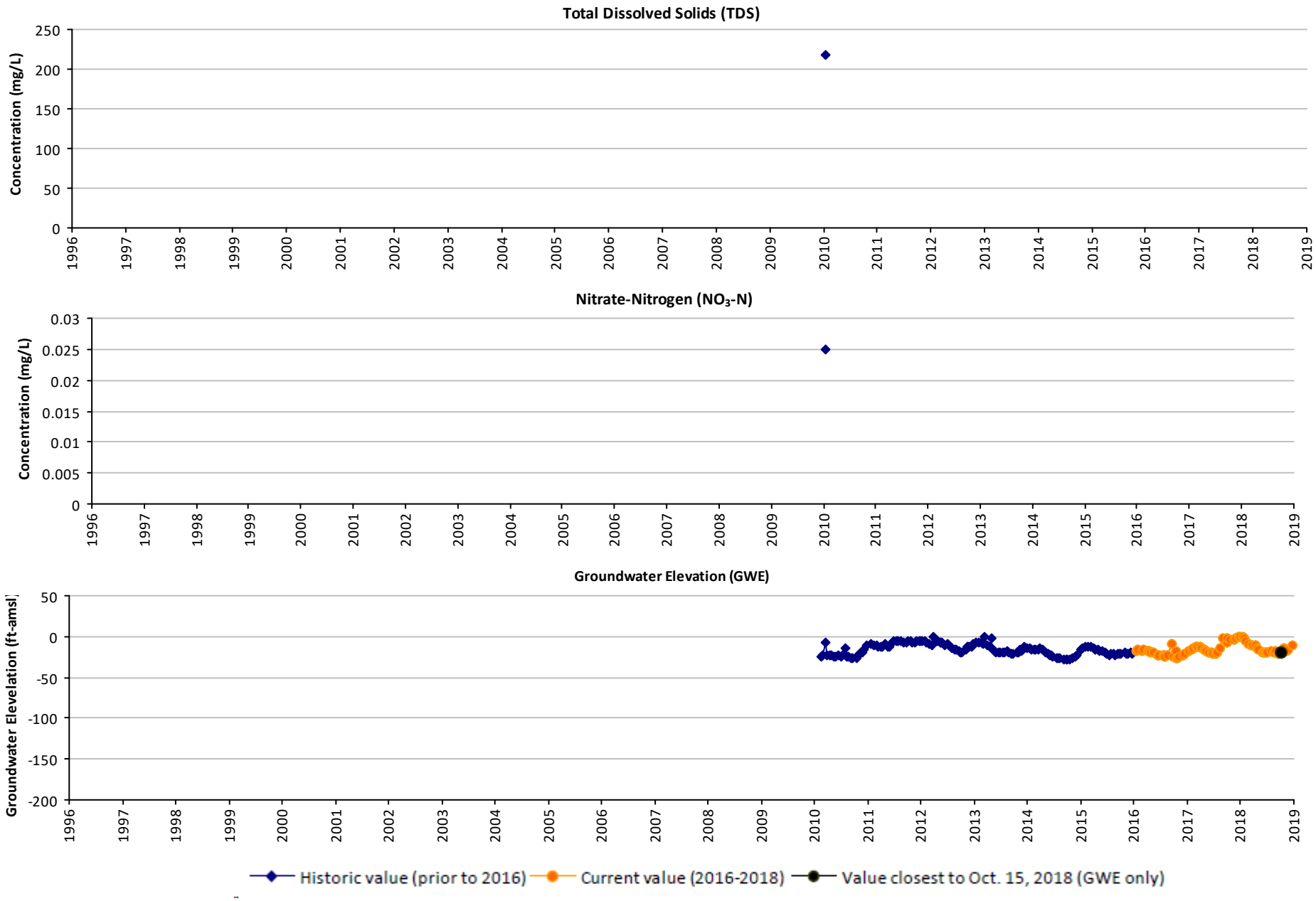
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

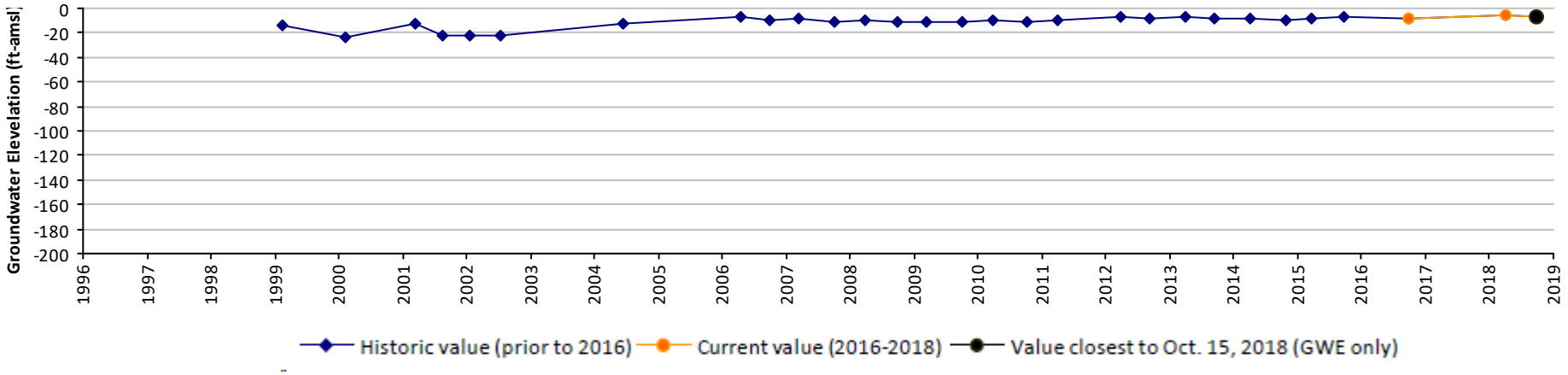

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

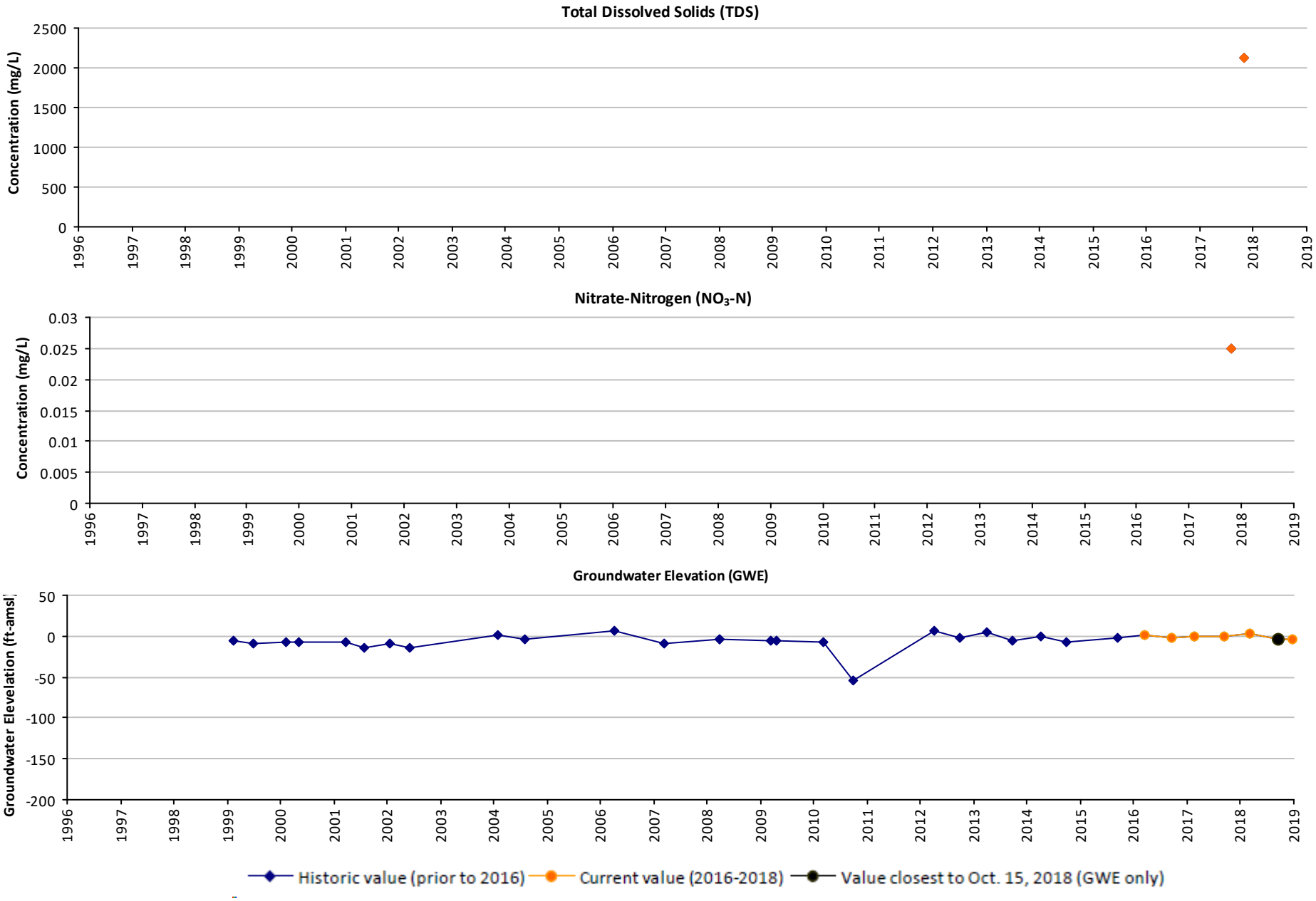

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

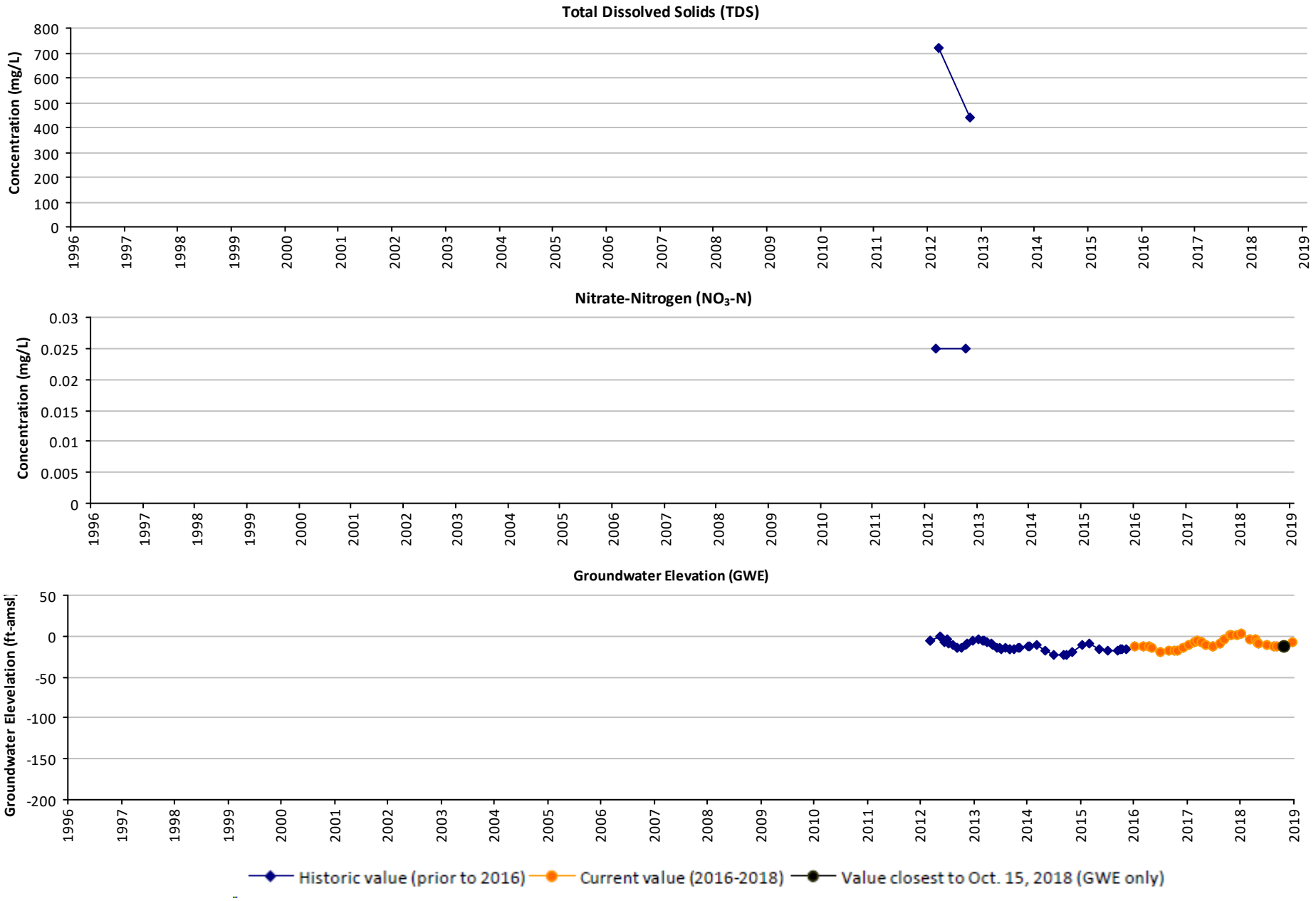
Total Dissolved Solids (TDS)

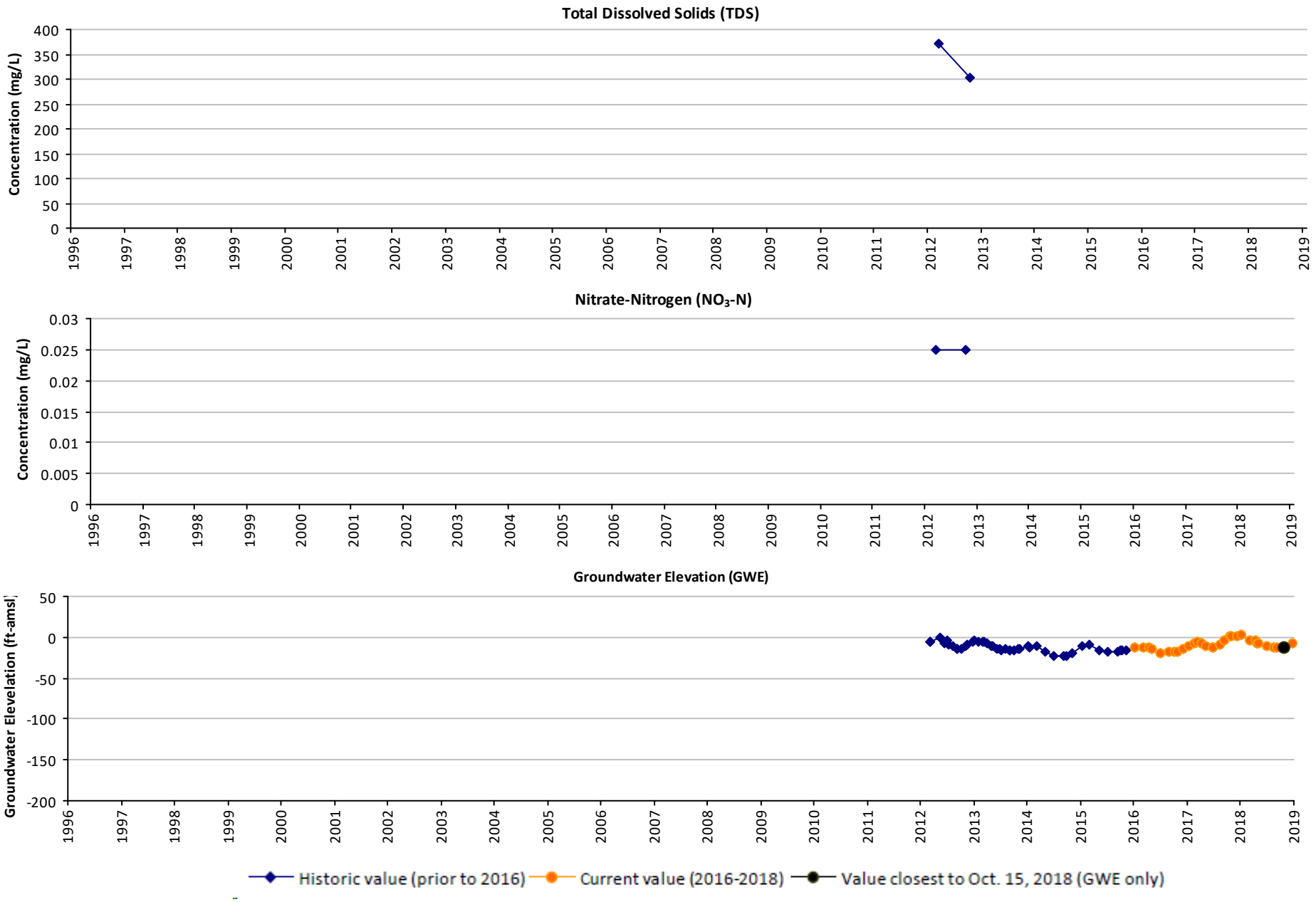
Nitrate-Nitrogen (NO_3-N)

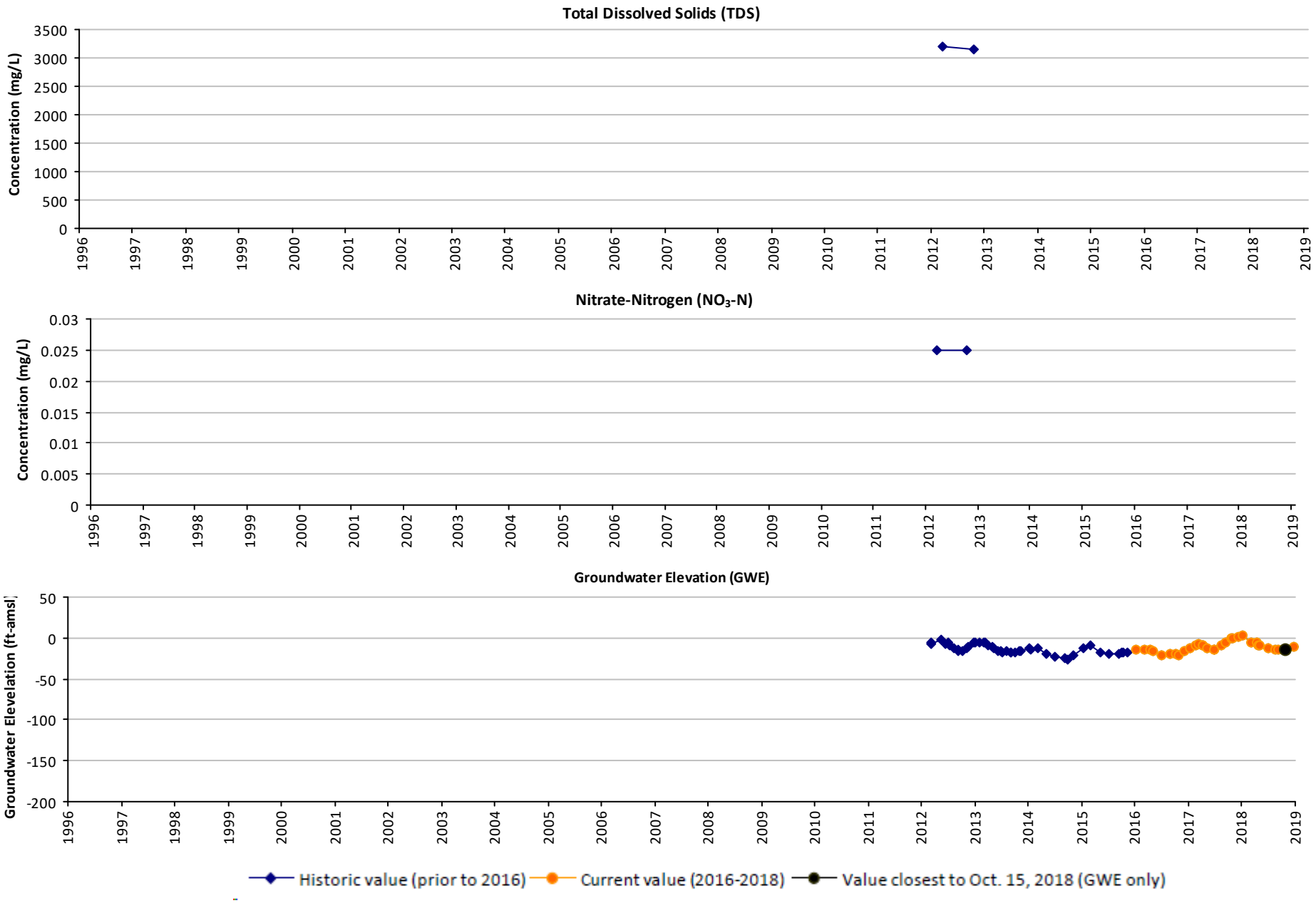
Groundwater Elevation (GWE)

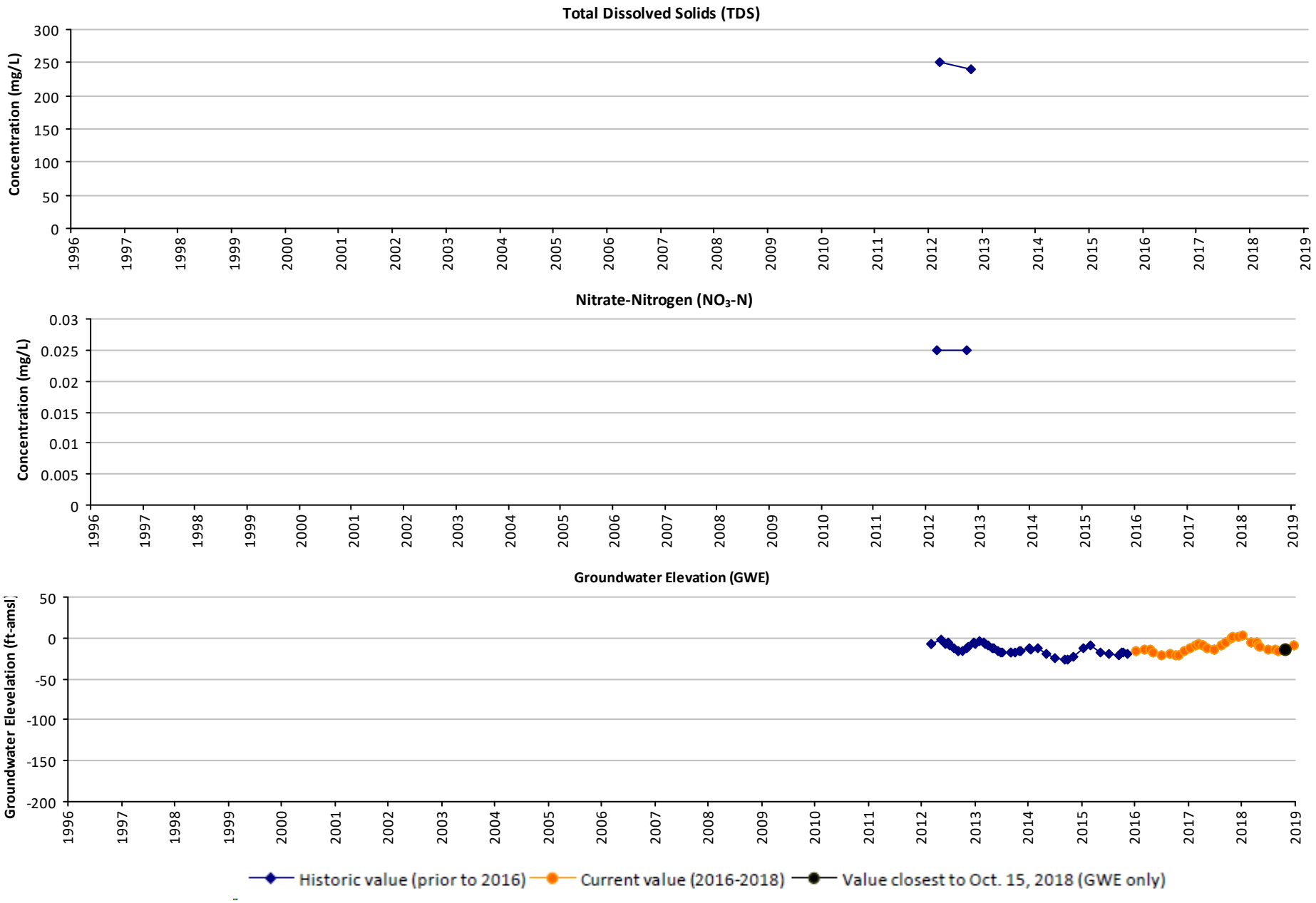


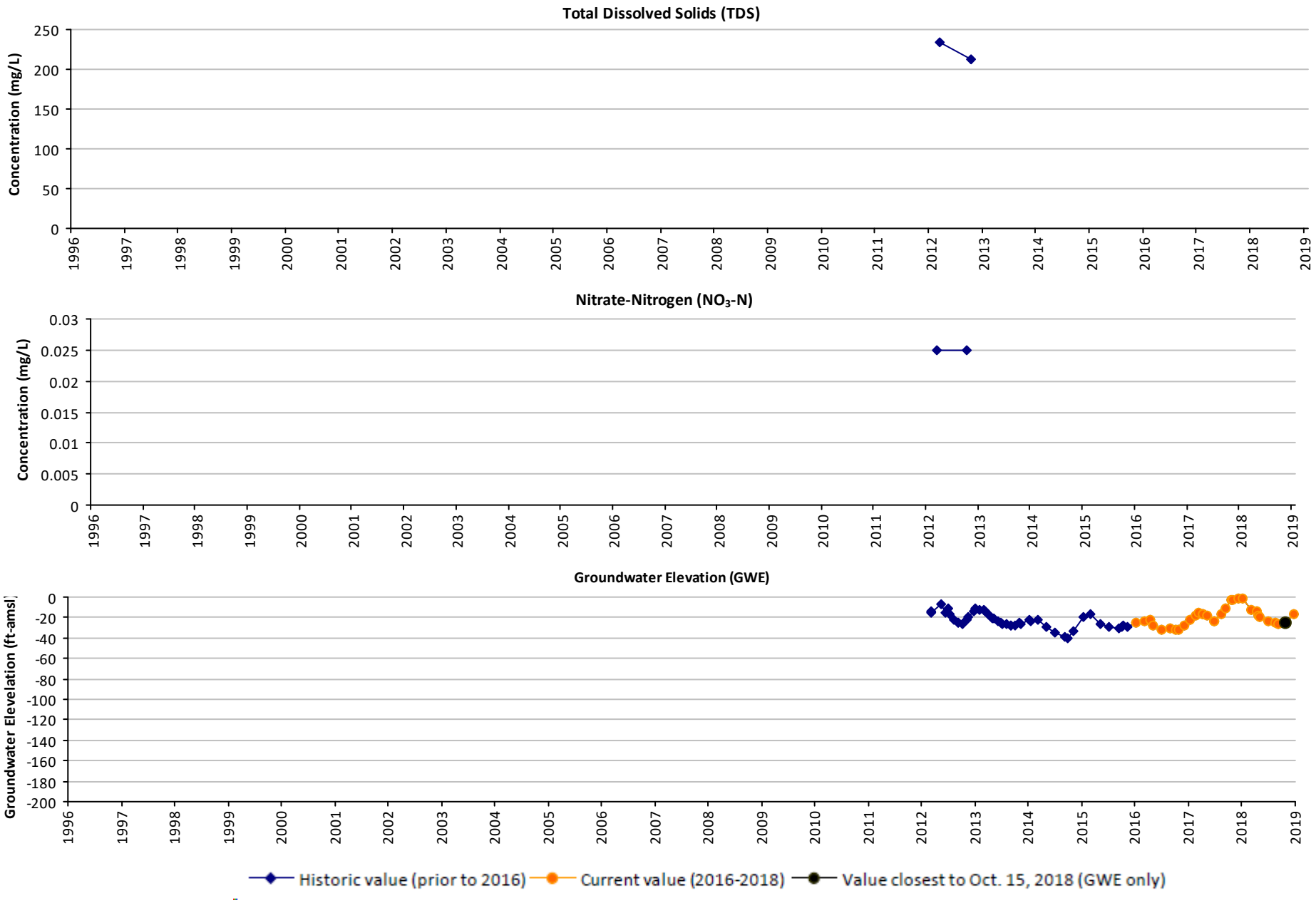

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

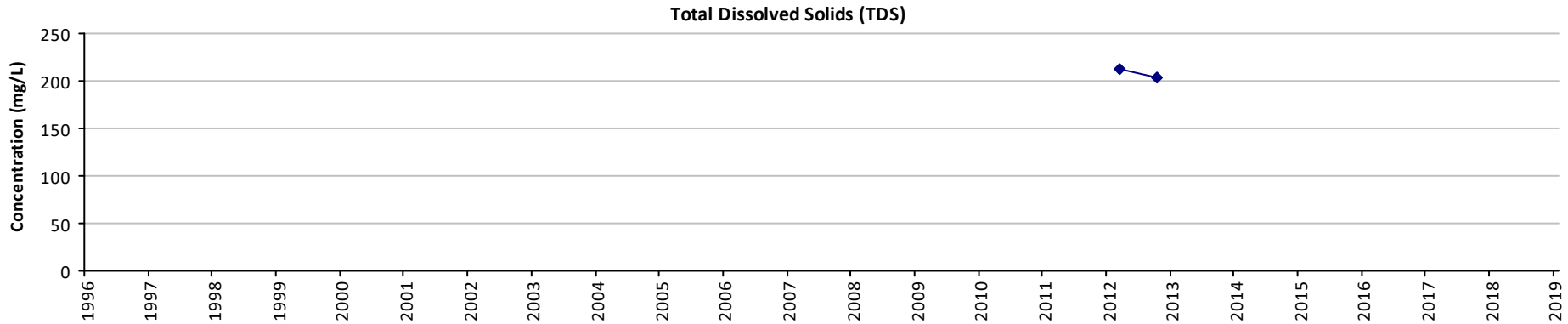

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

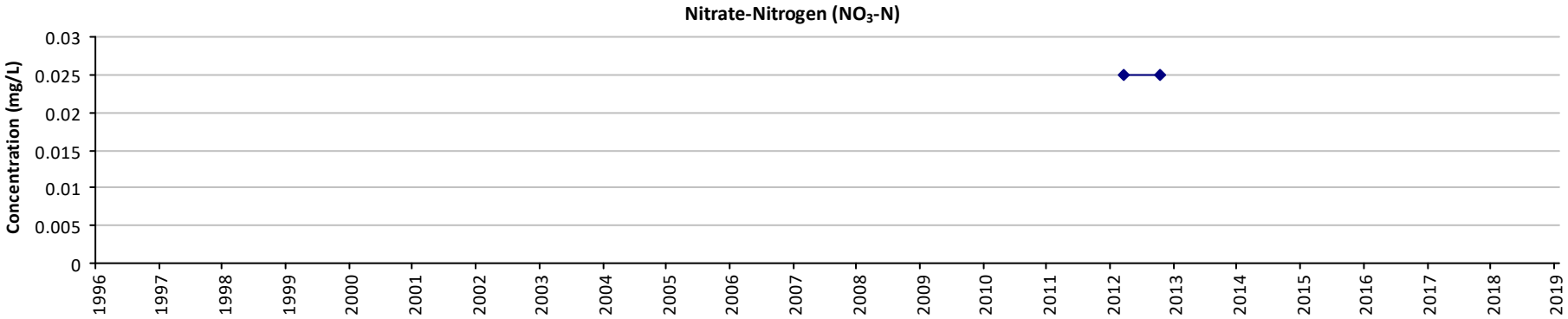

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2013
2014
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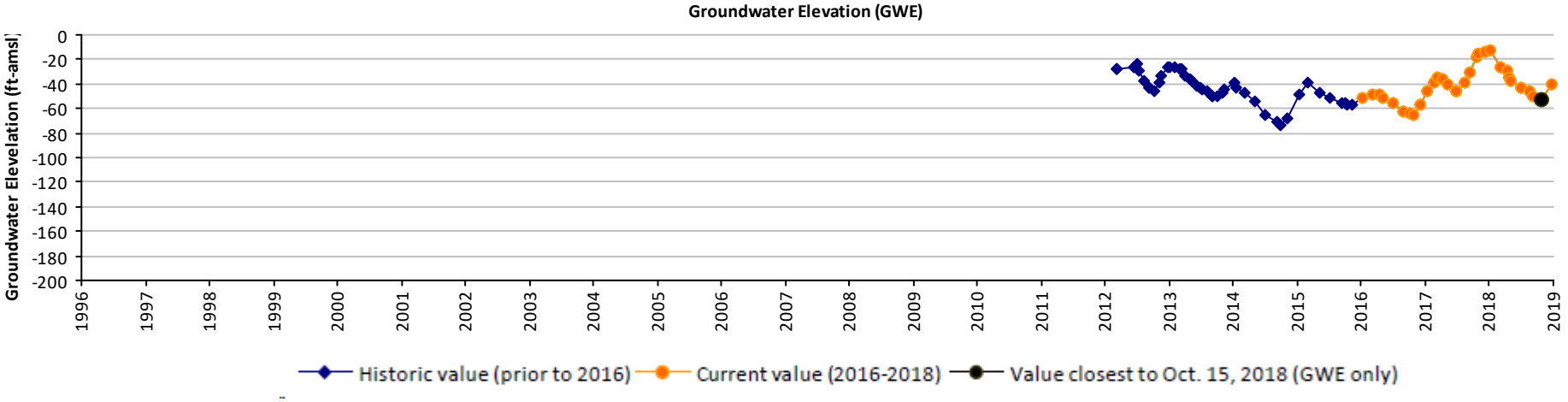
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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2013
2014
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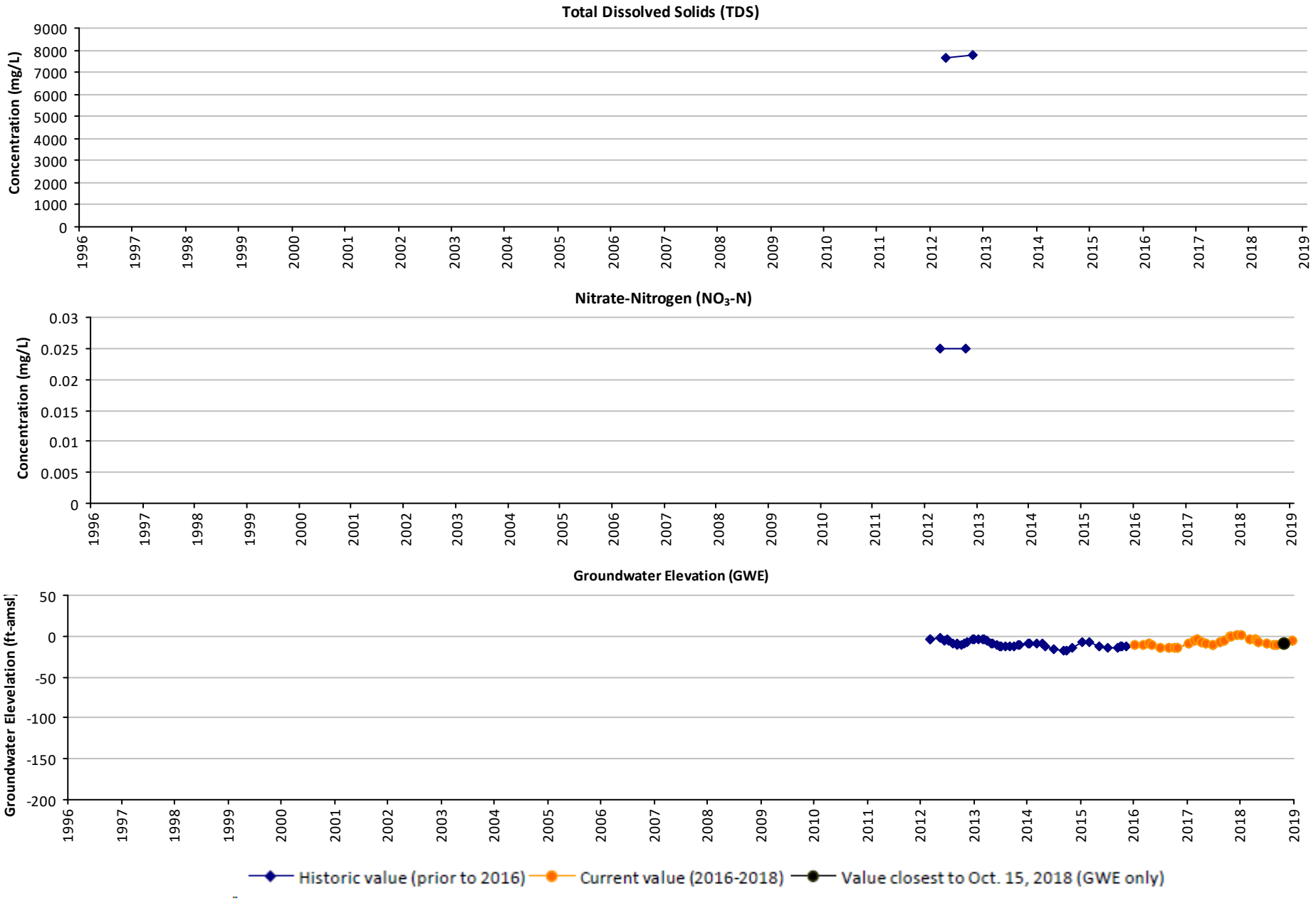
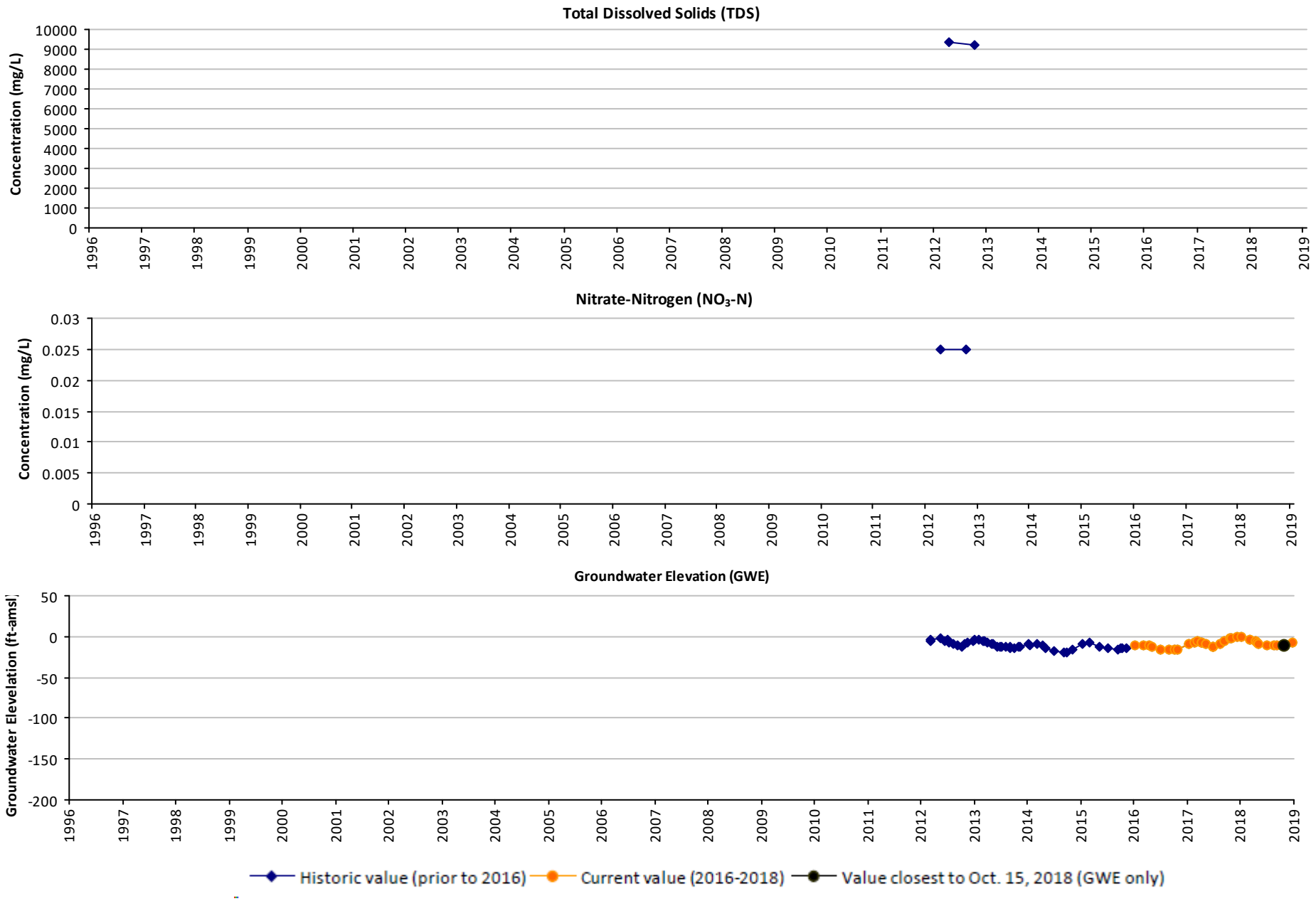
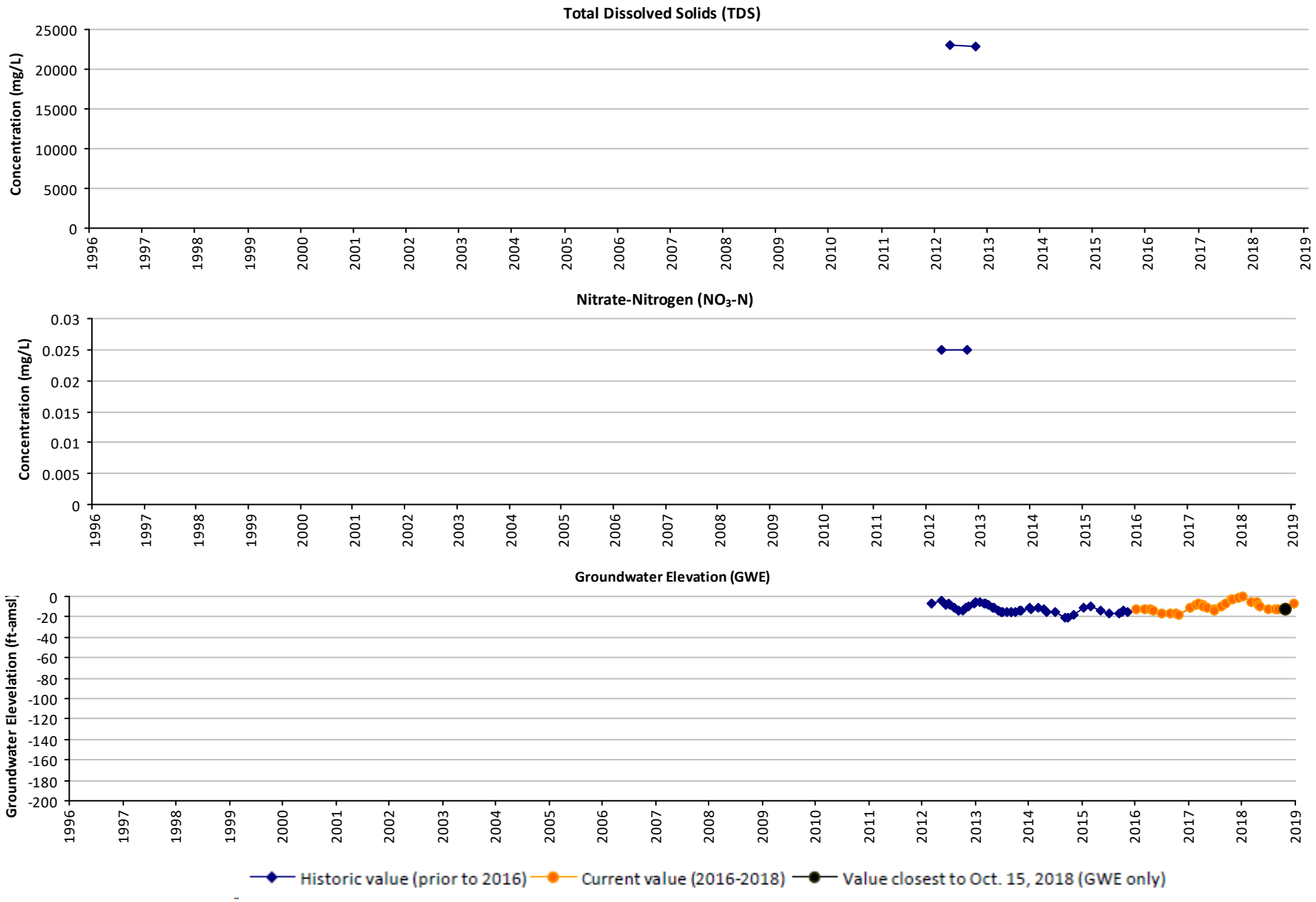
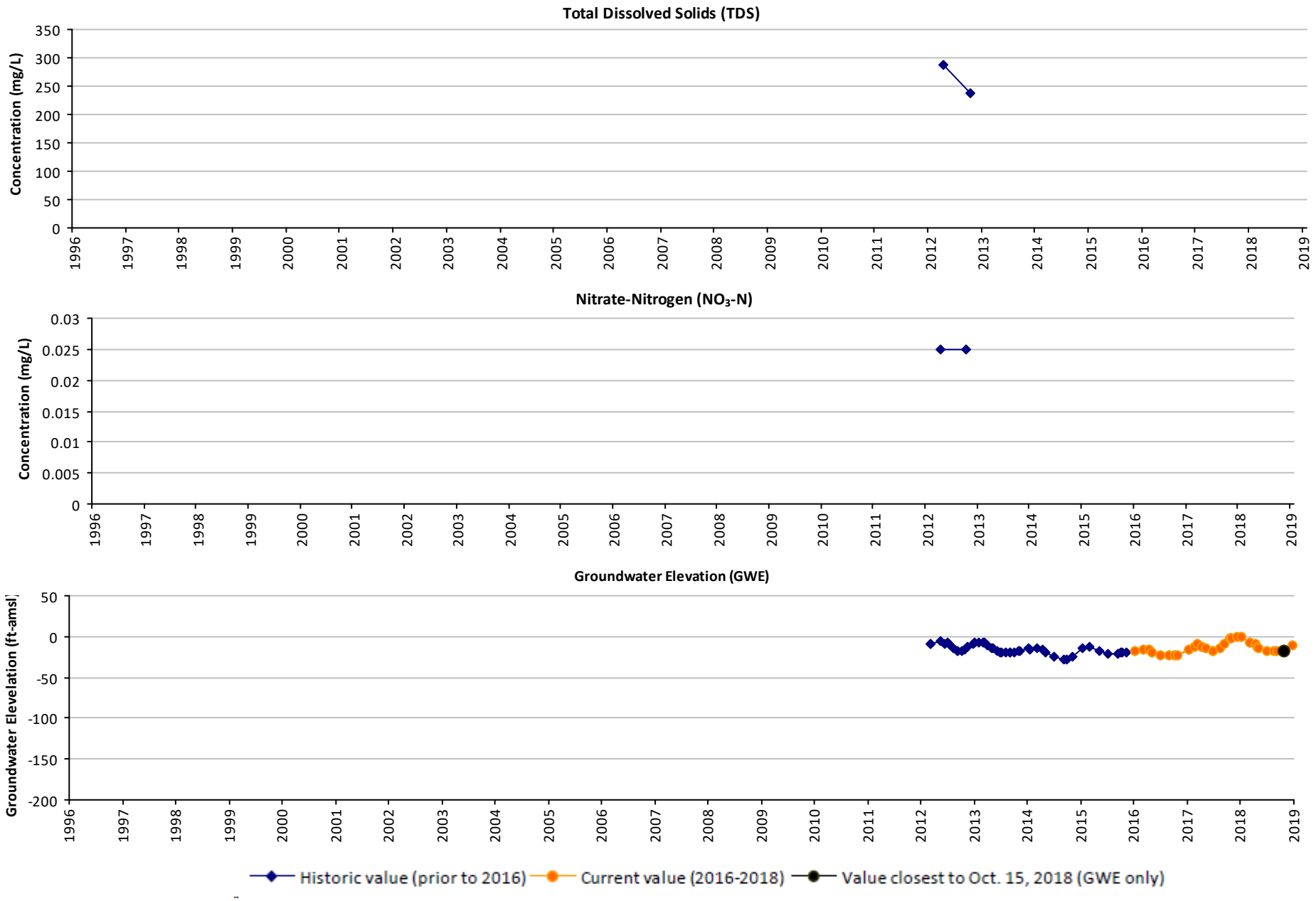
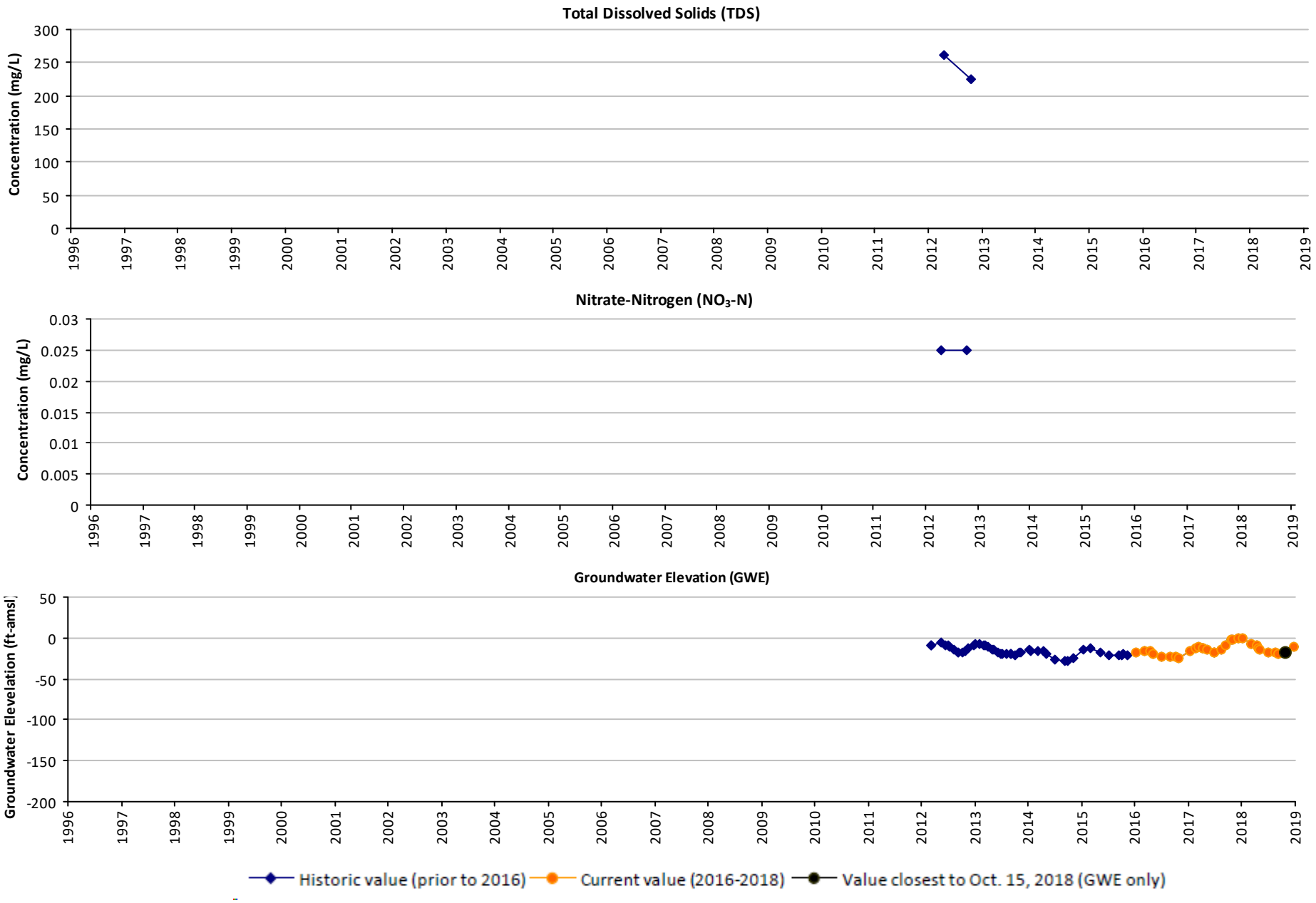
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

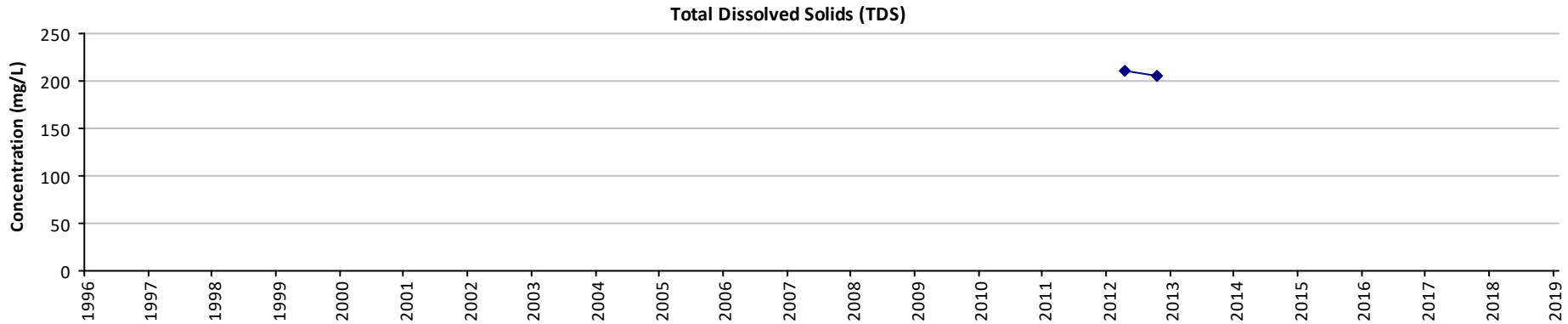

Total Dissolved Solids (TDS)
Concentration (mg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

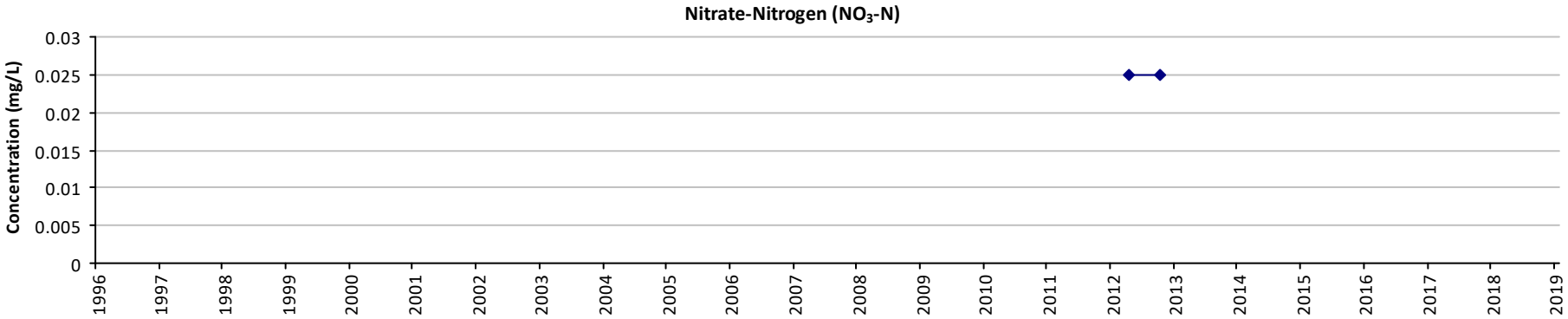

Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

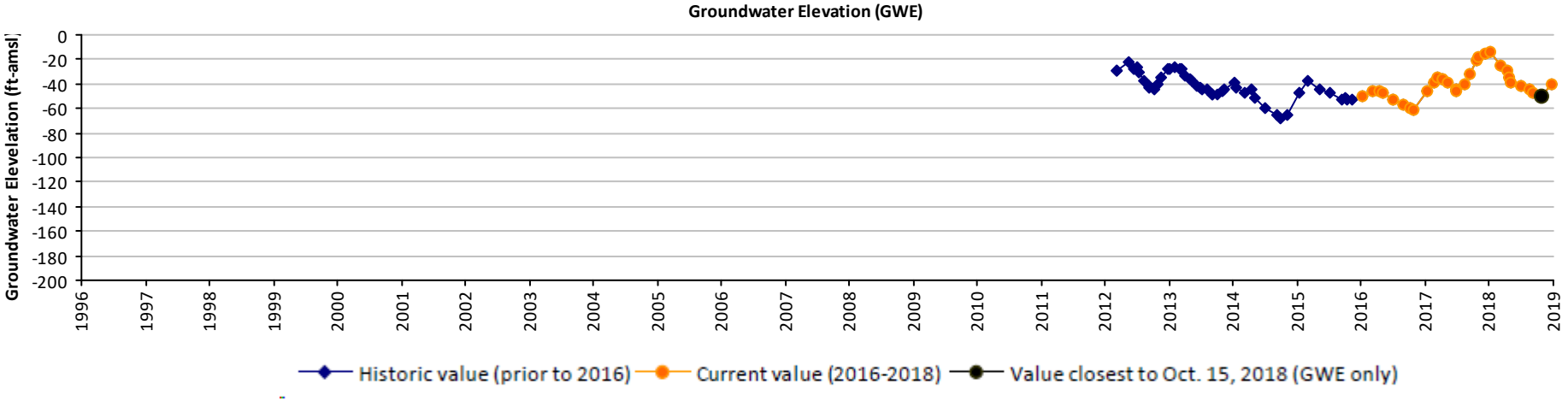

Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

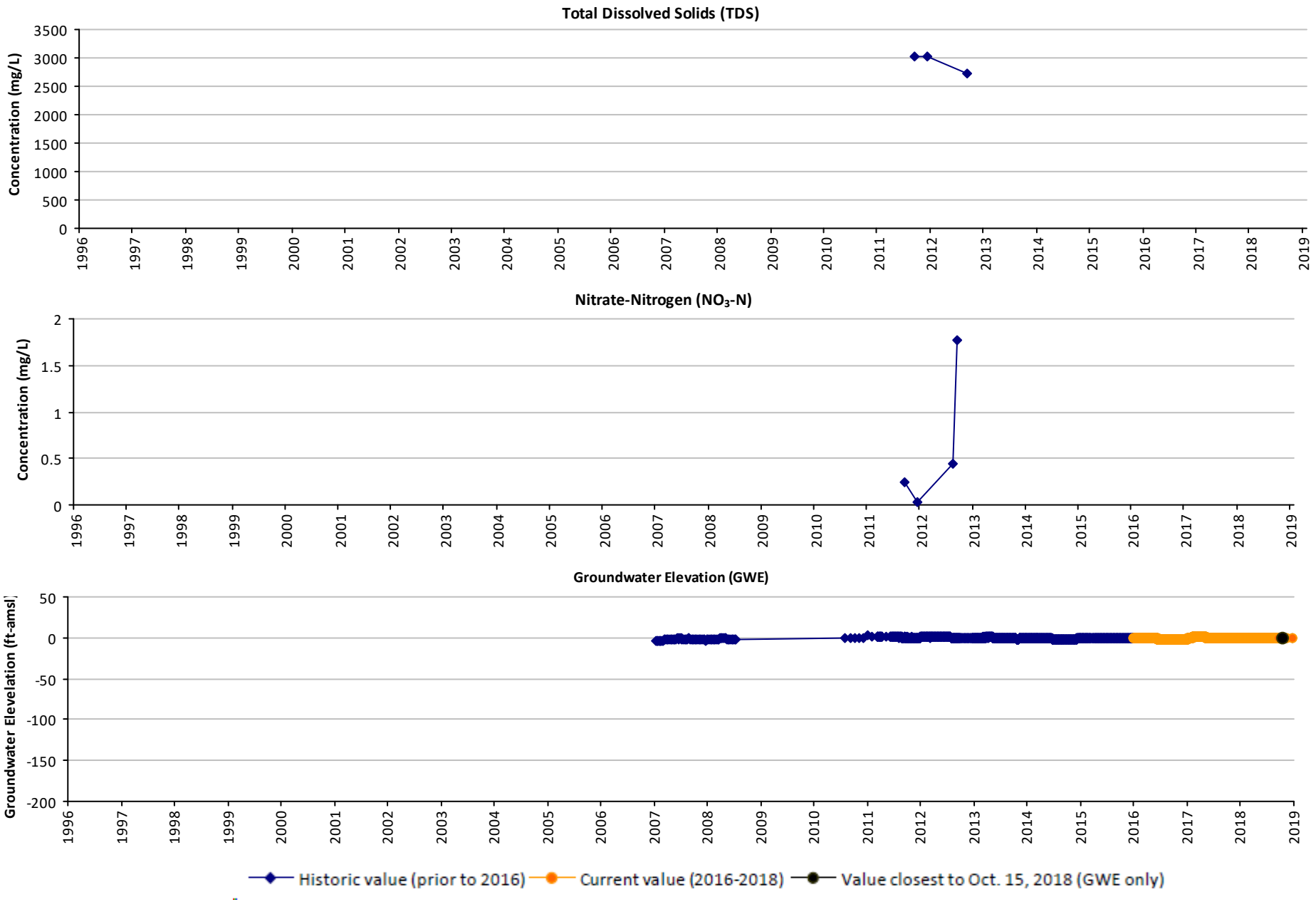

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

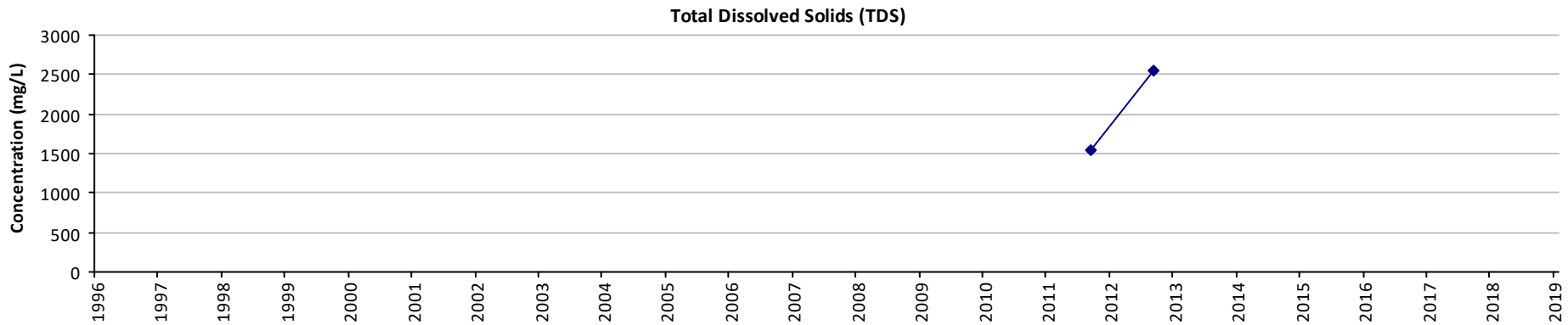

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

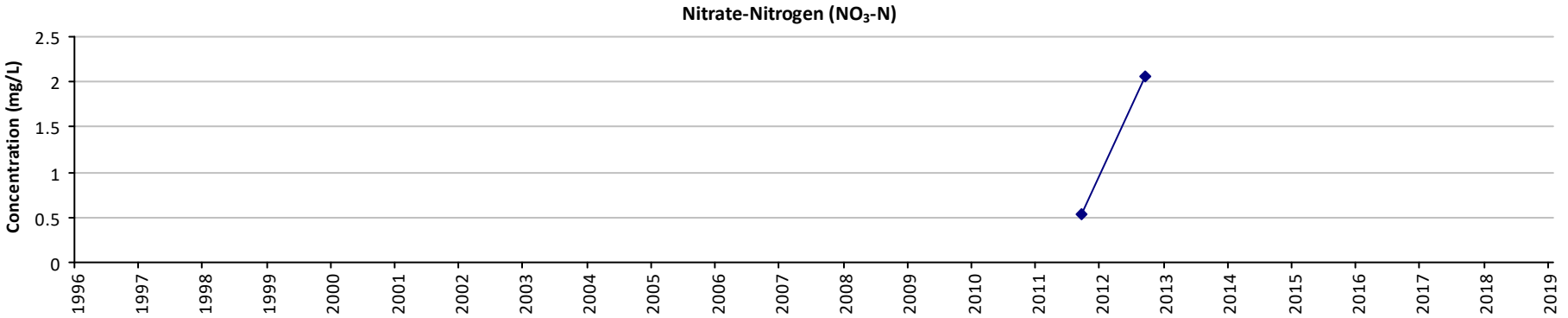

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

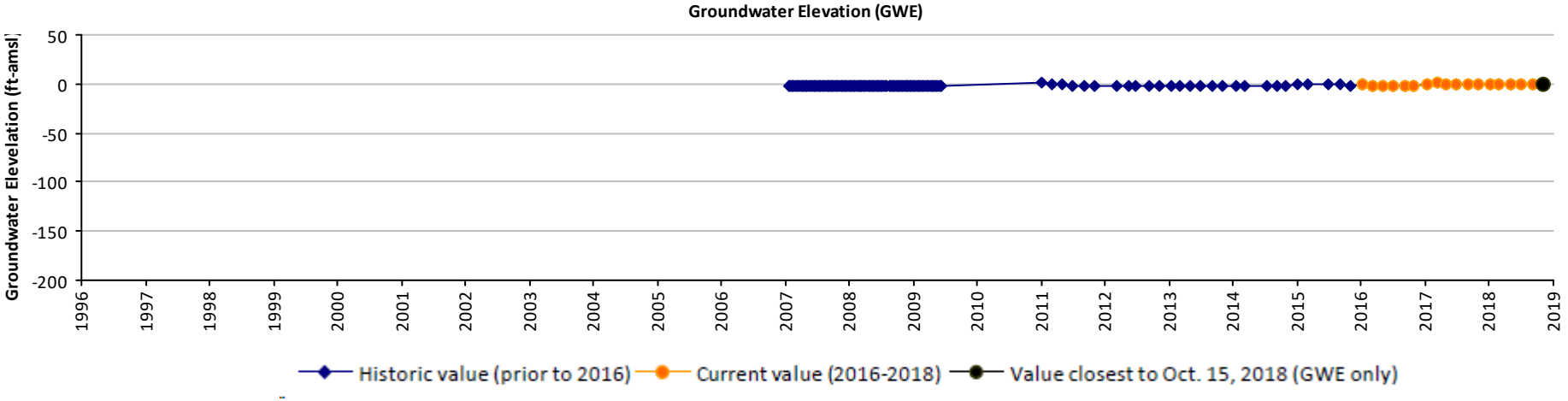

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

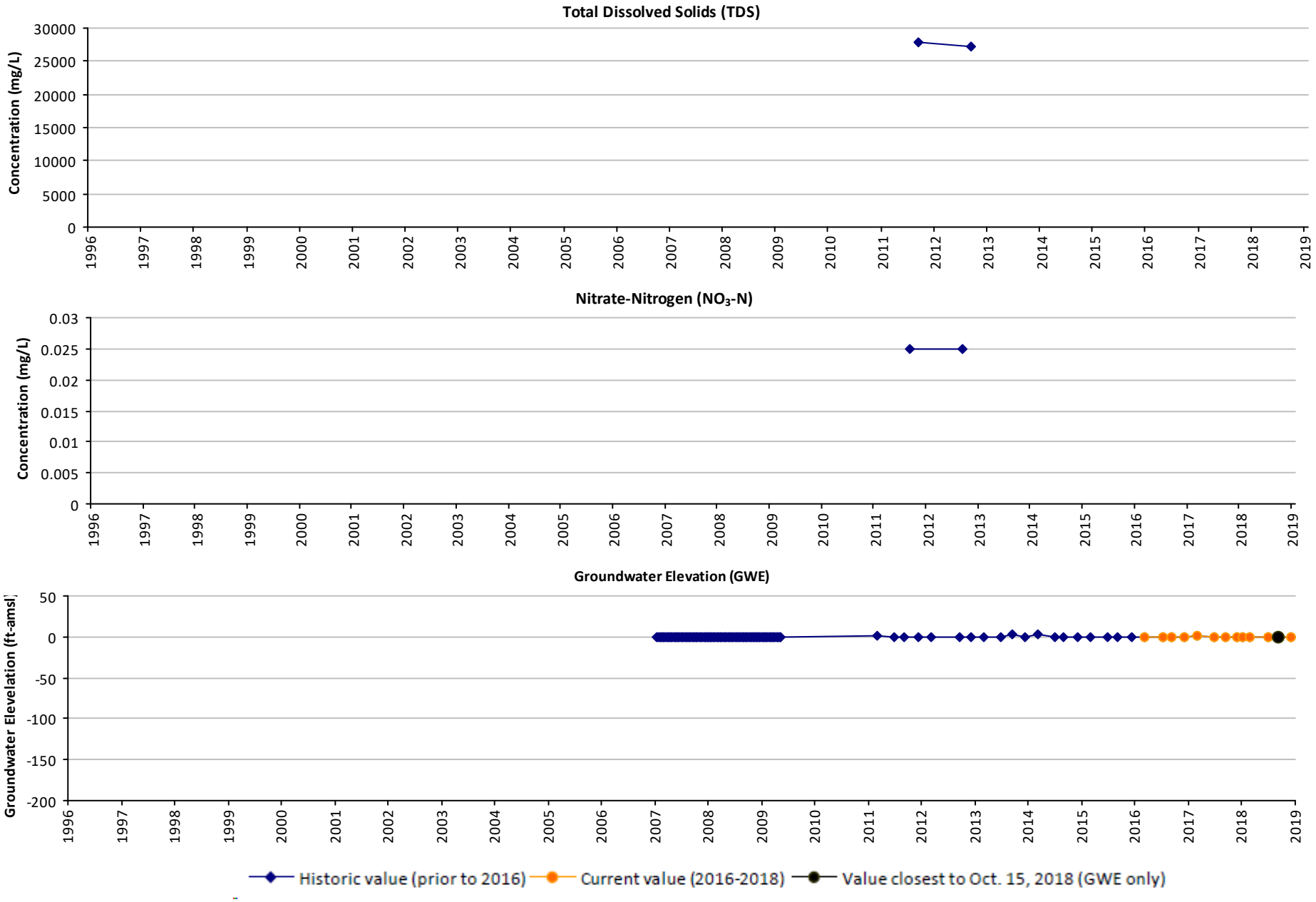

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

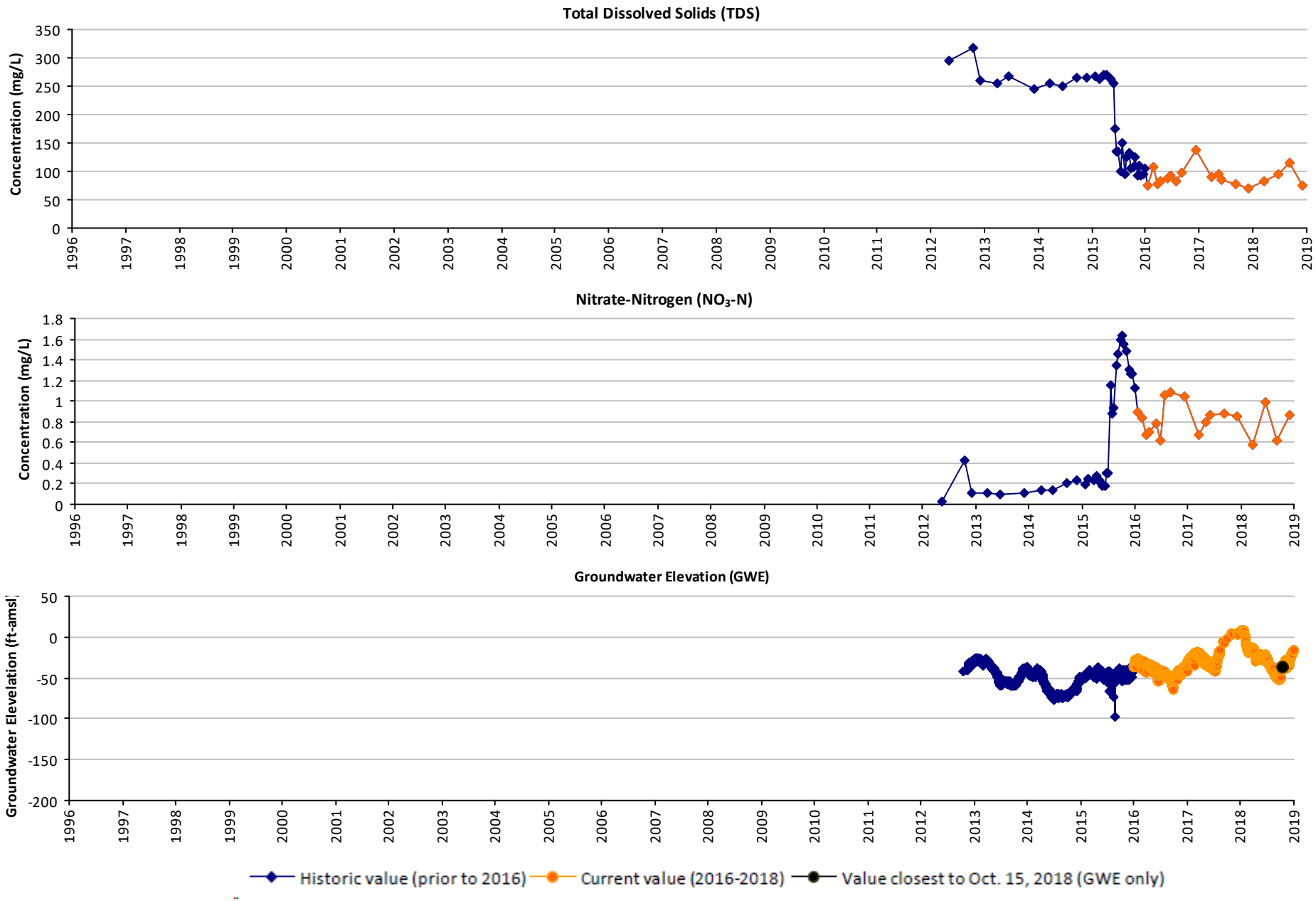

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

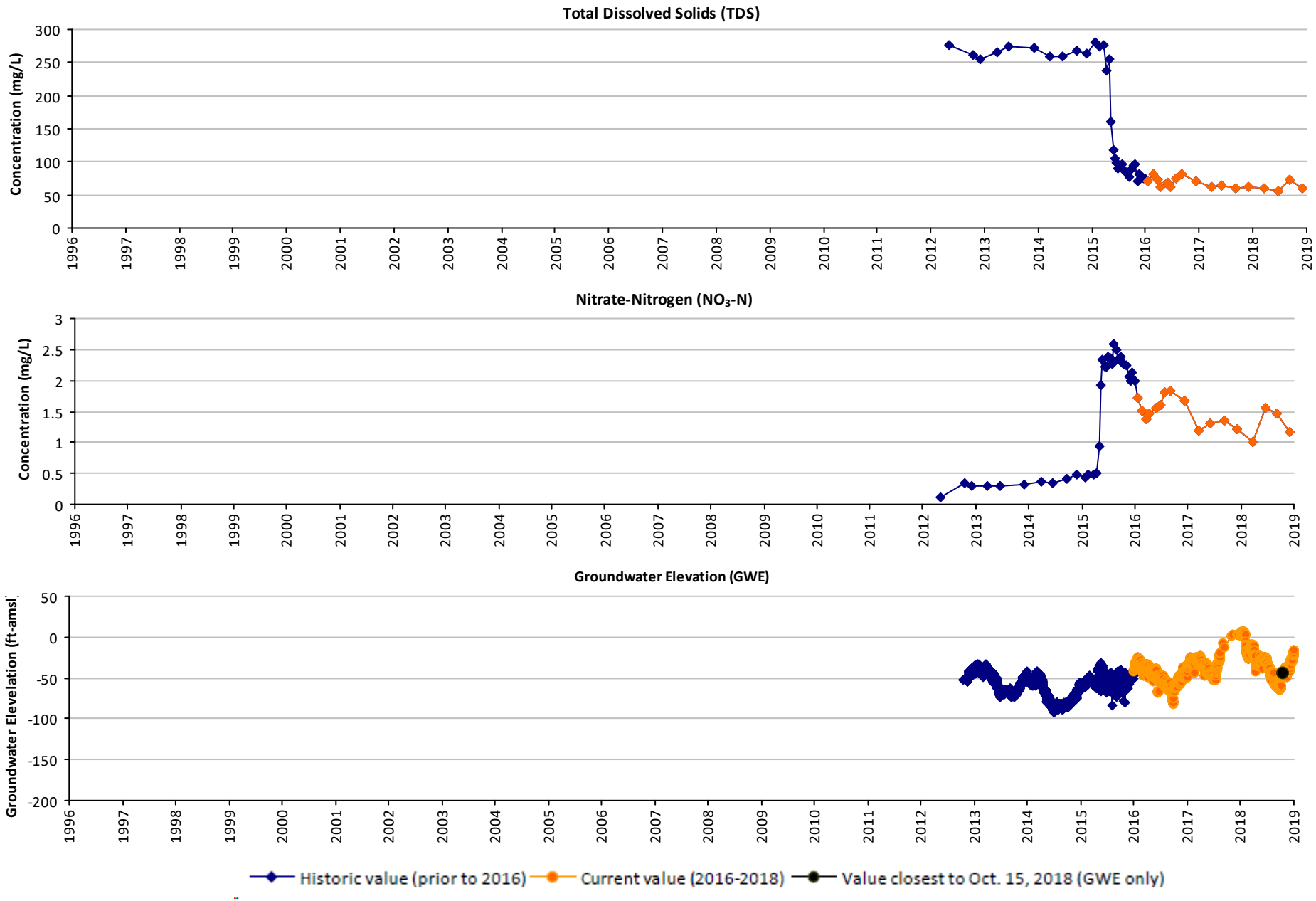

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

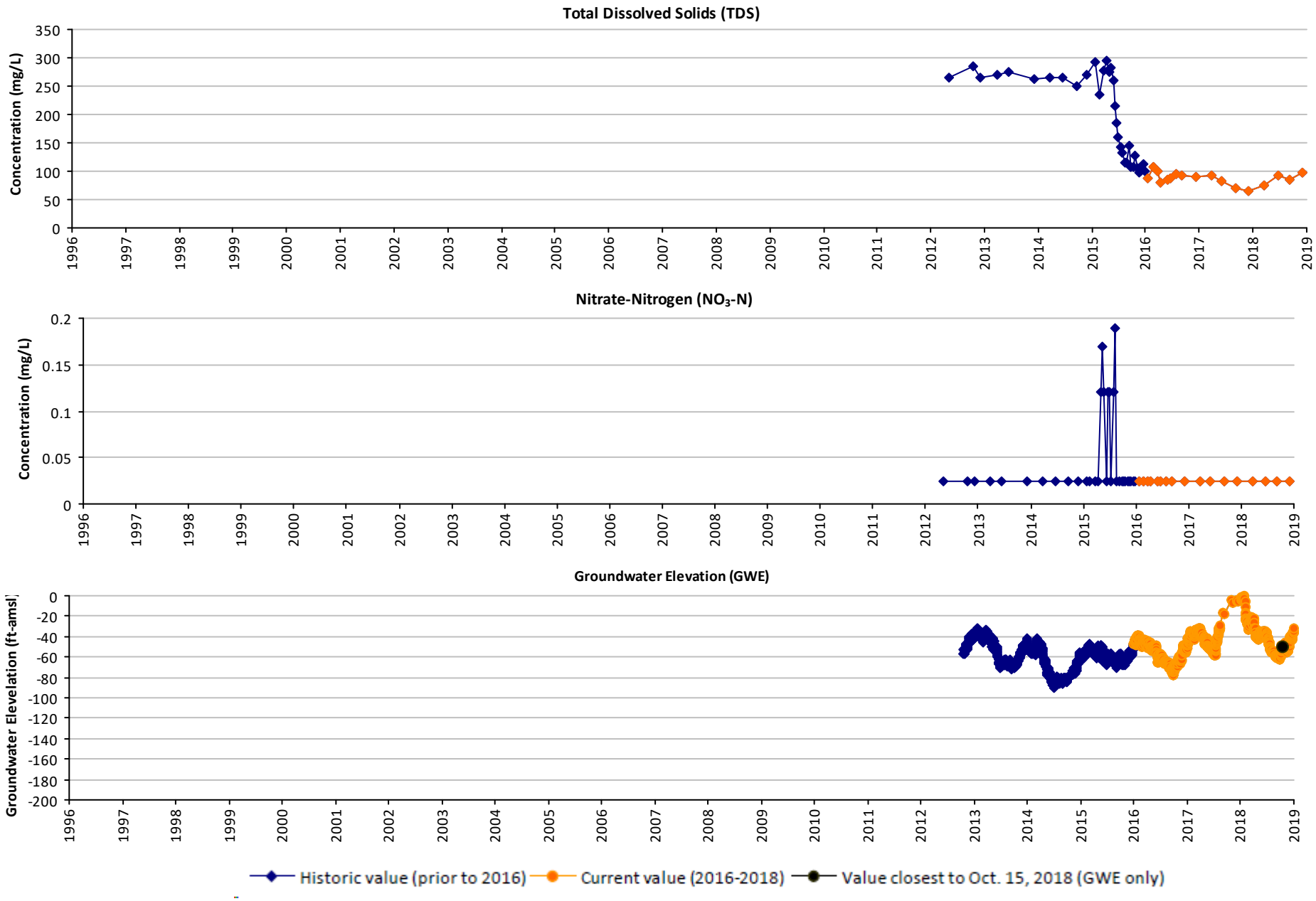

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

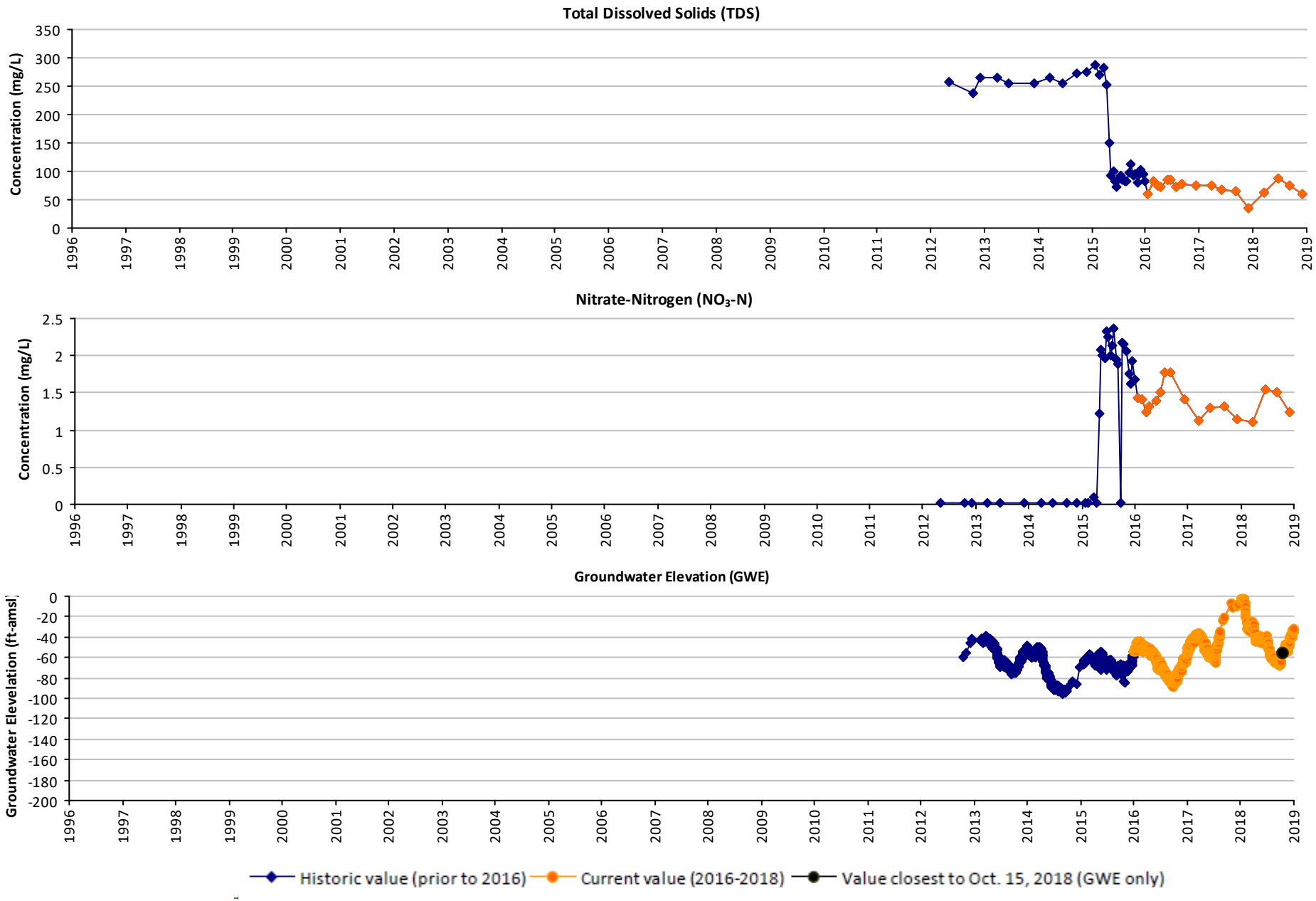

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

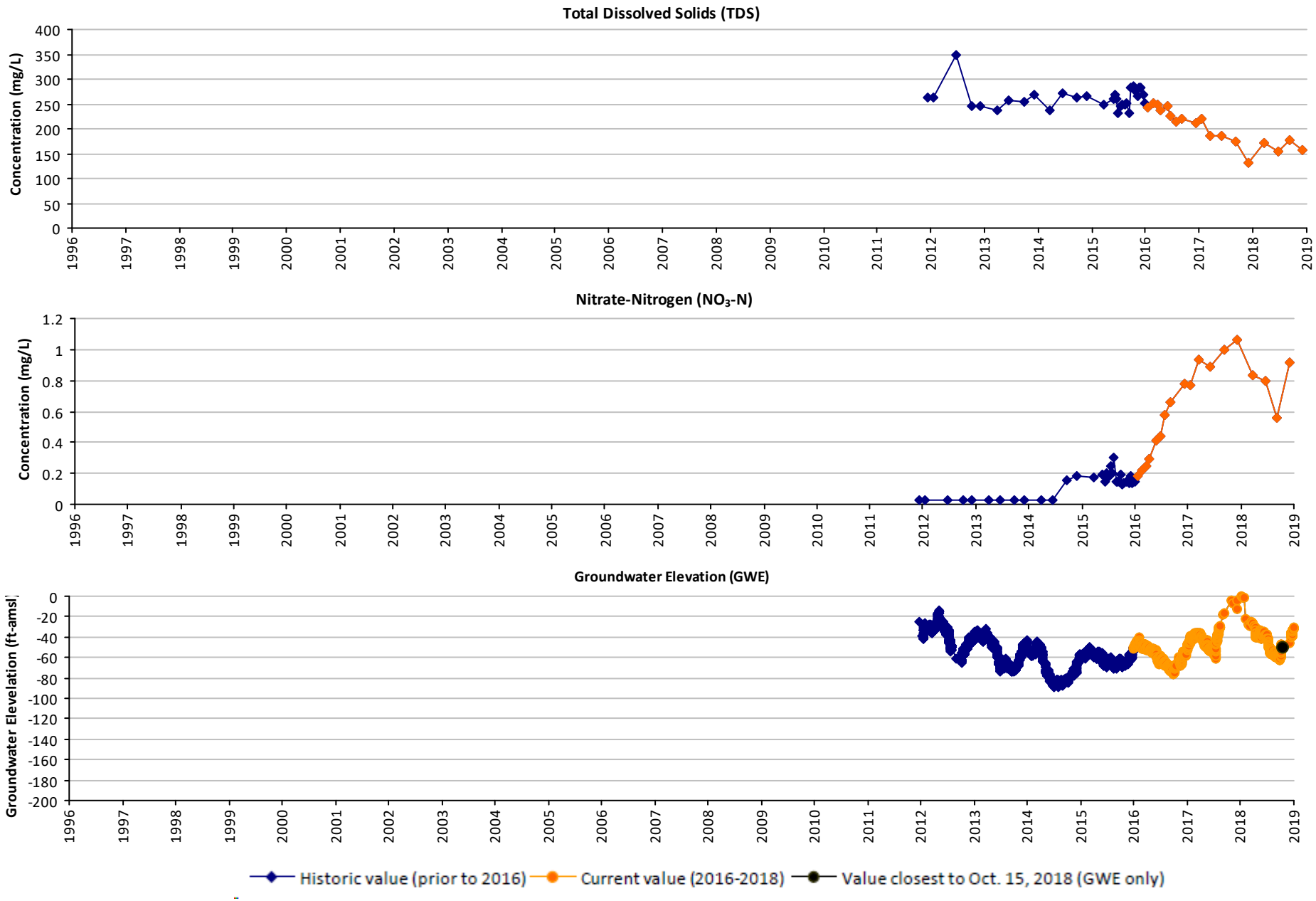

Total Dissolved Solids (TDS)
Concentration (mg/L)
30000
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

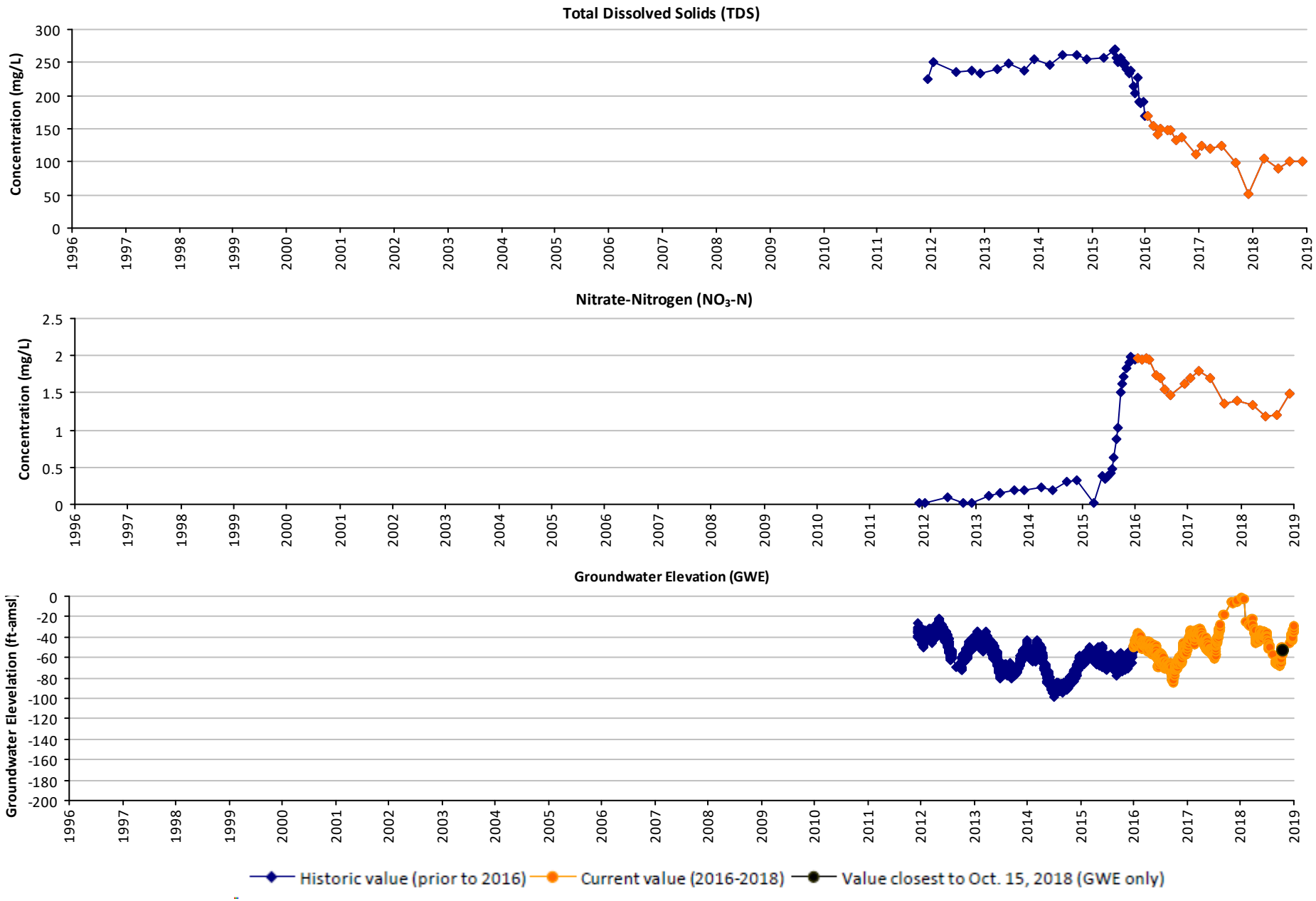

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

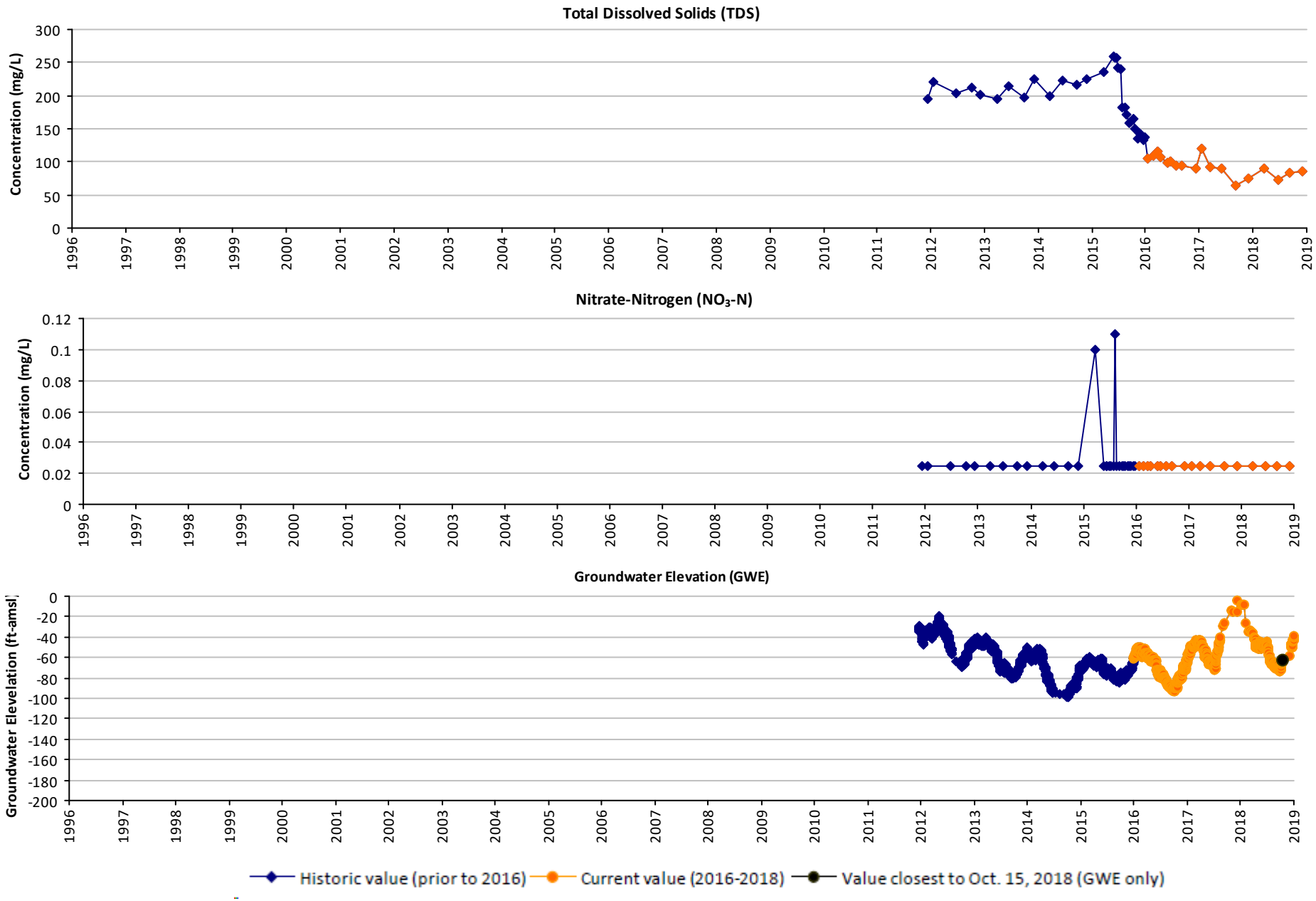

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

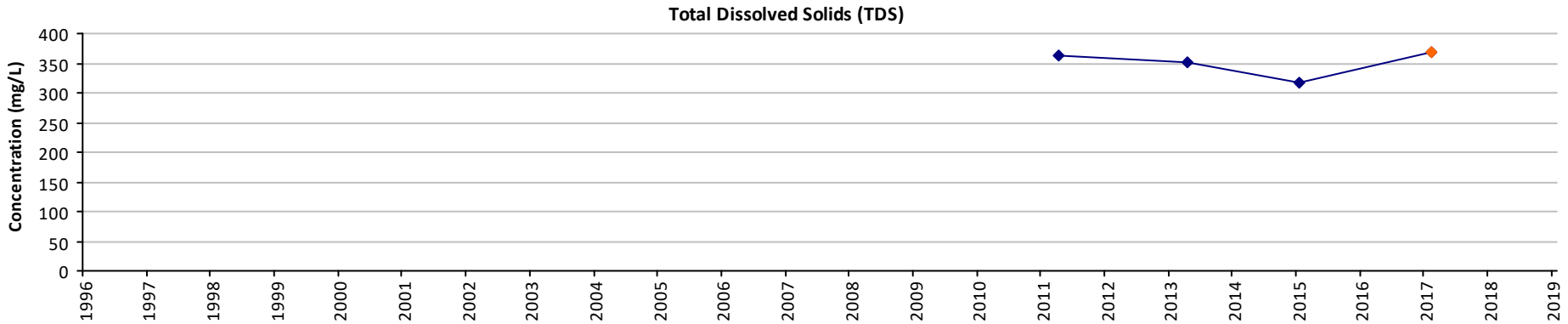

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
2011
2012
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2016
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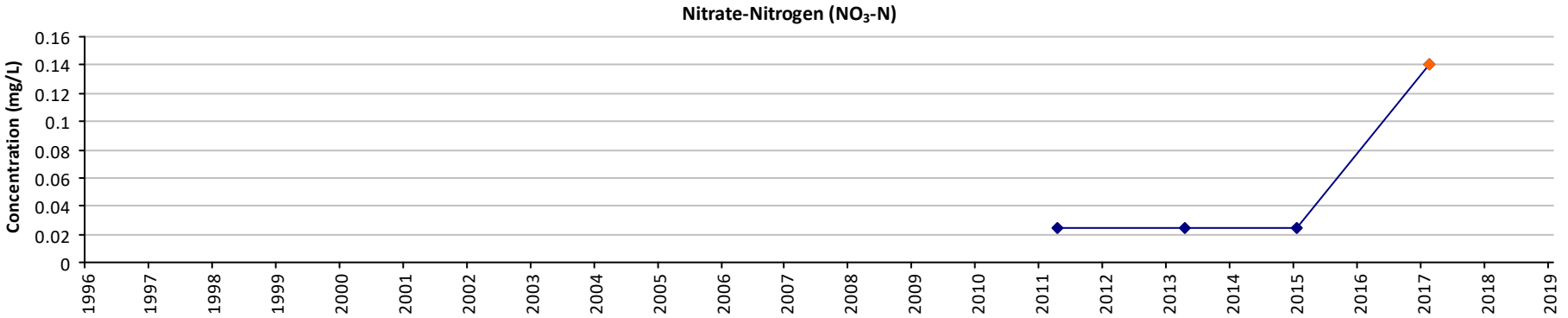
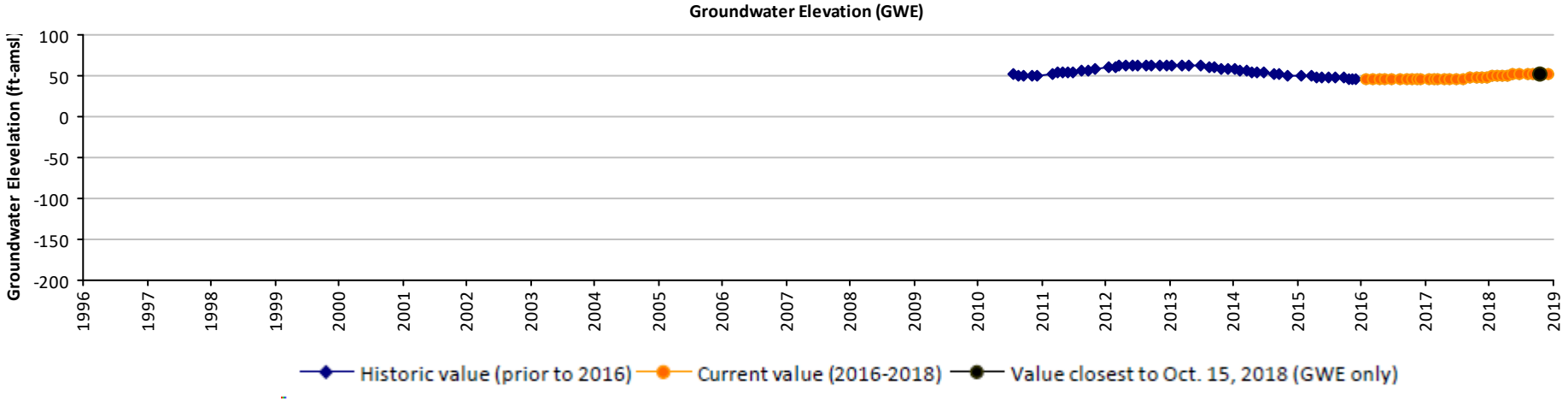
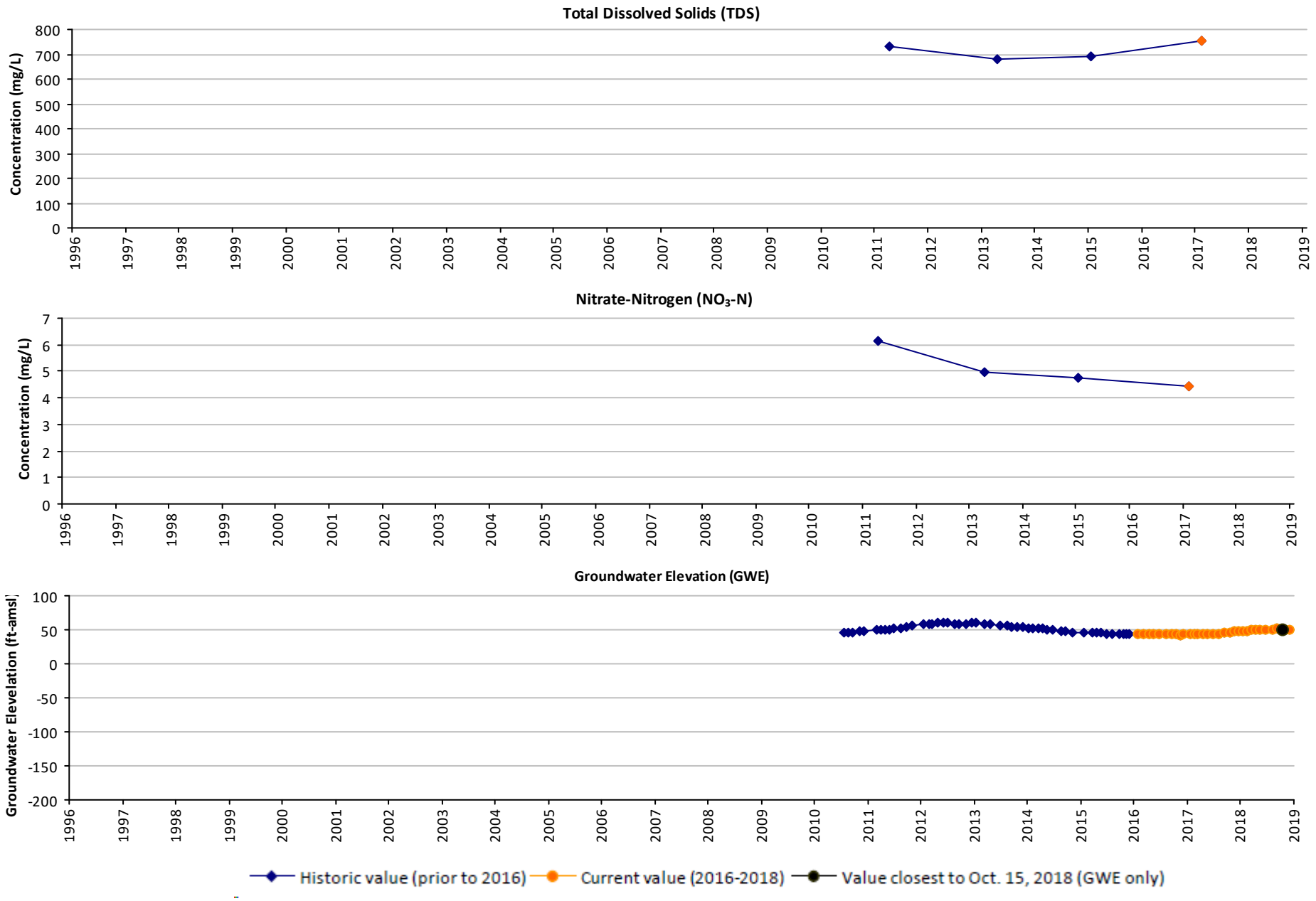
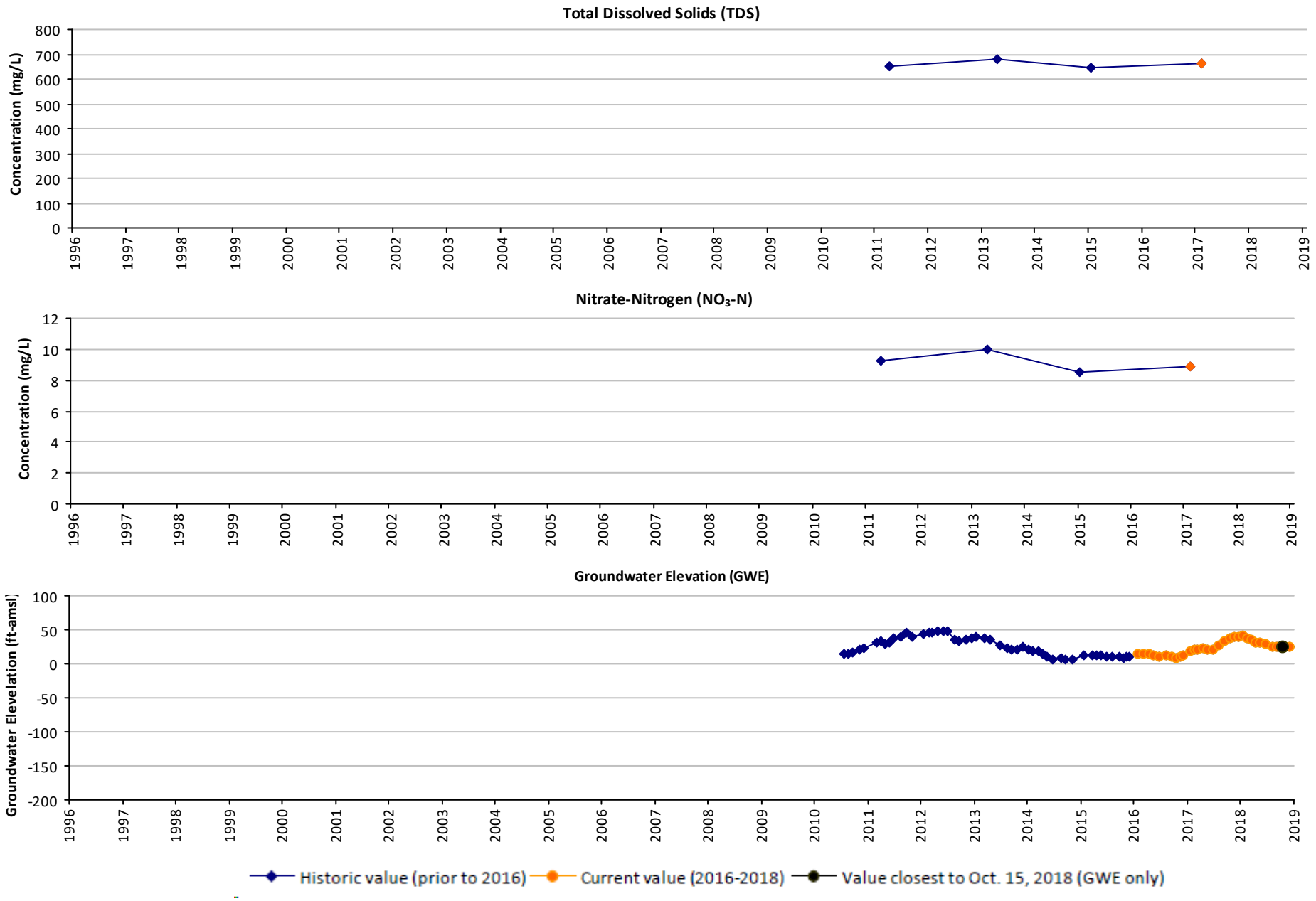
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

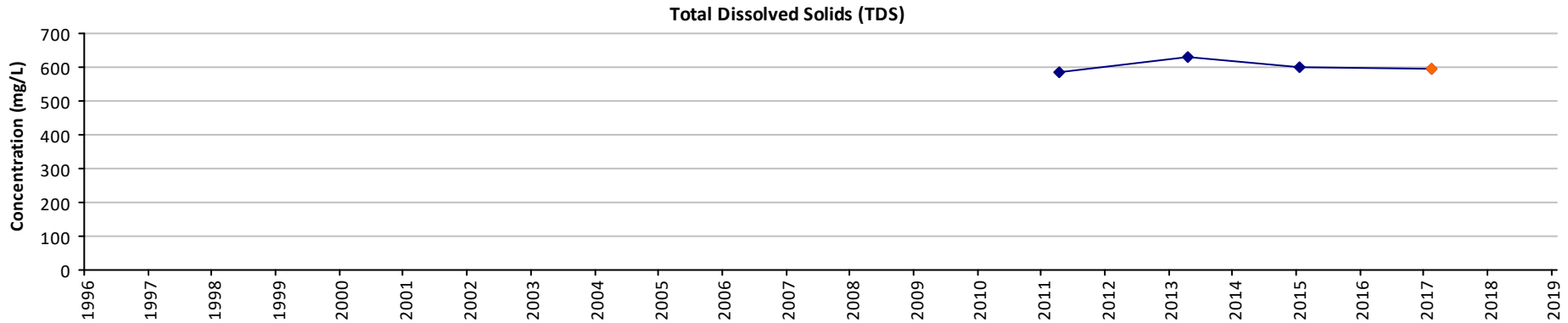

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

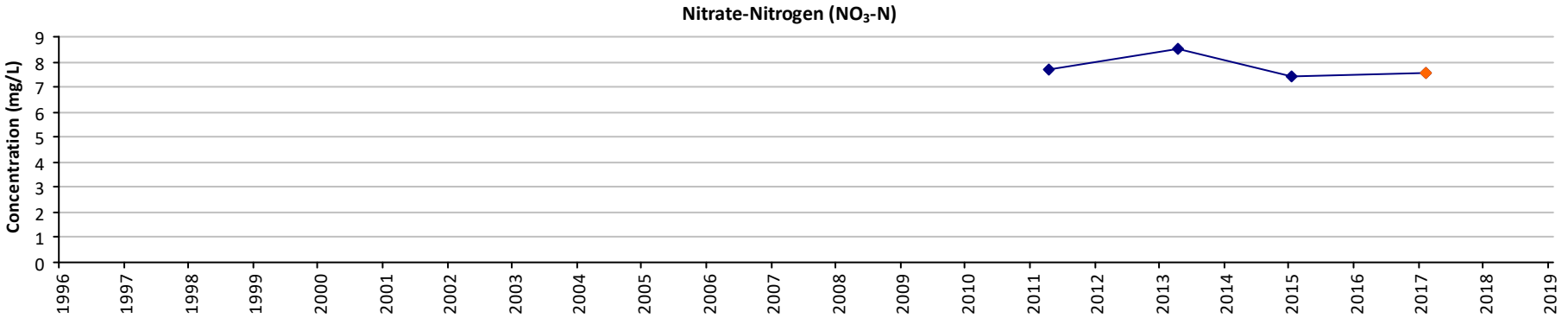

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

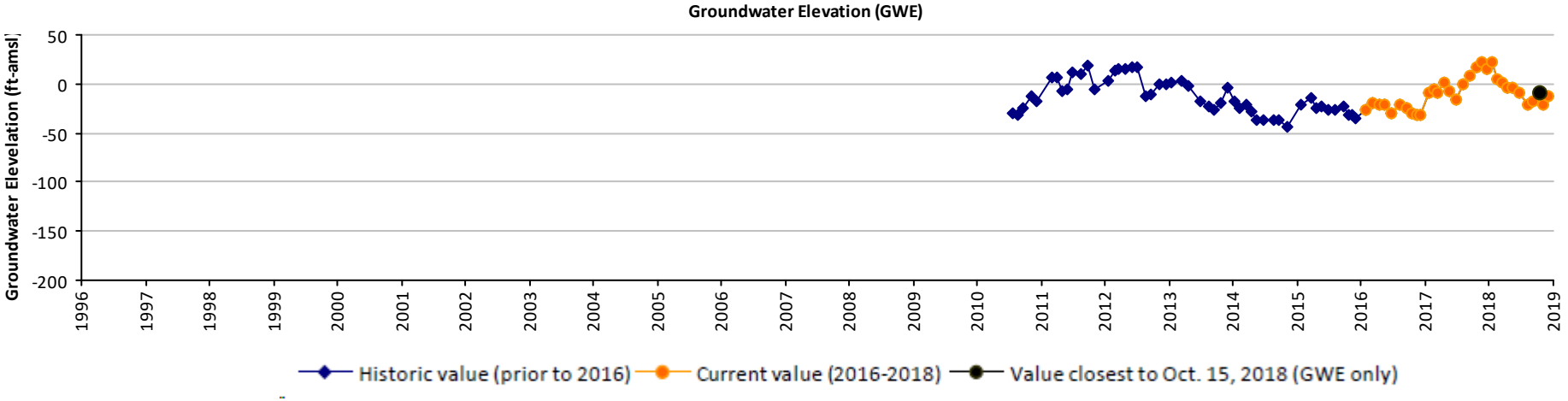

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

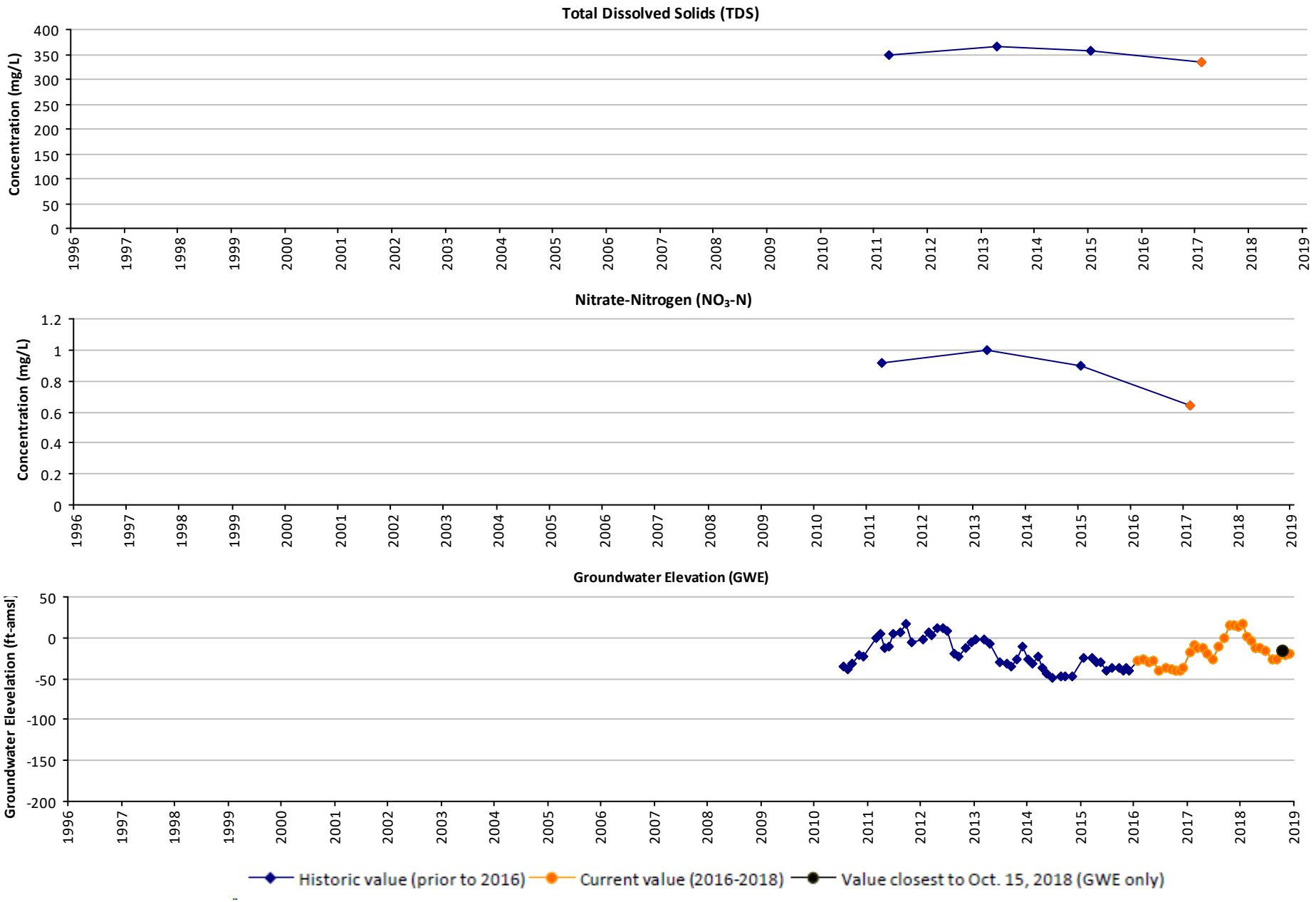
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

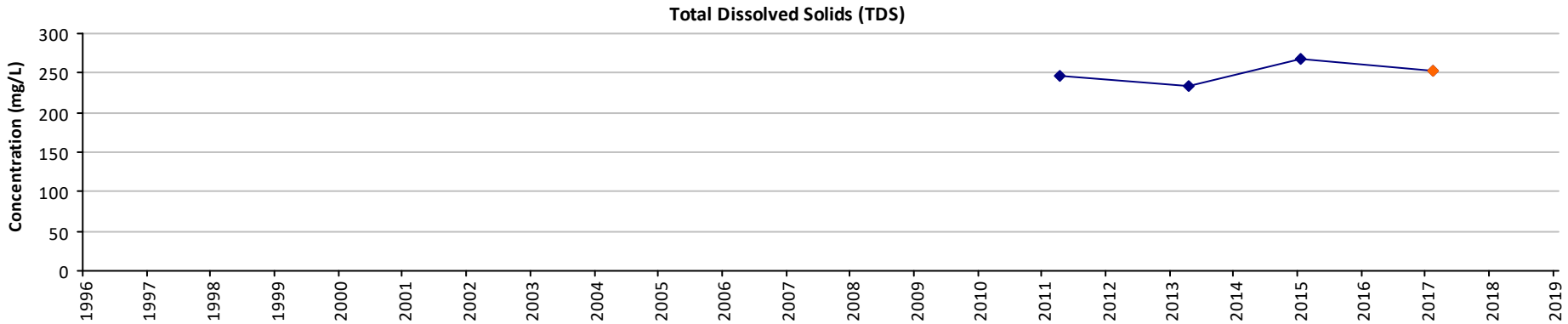
Well ID: 1232450
Management Zone: Orange County








Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2009
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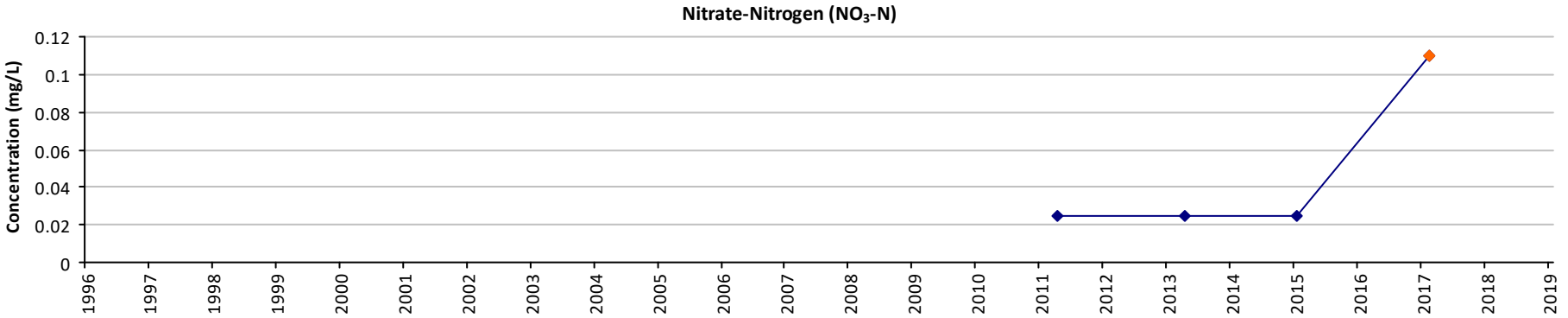
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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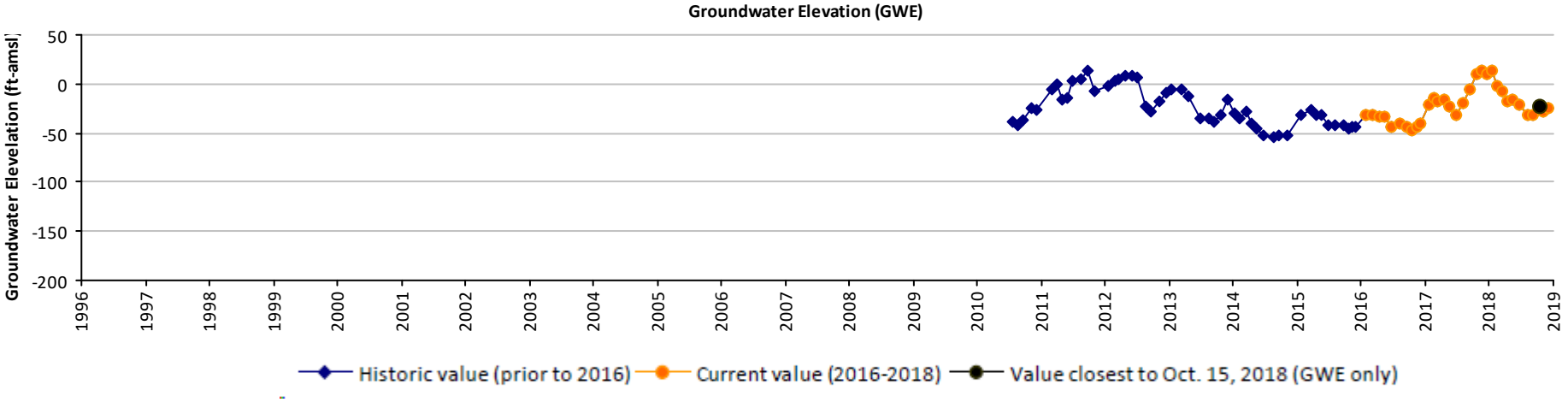
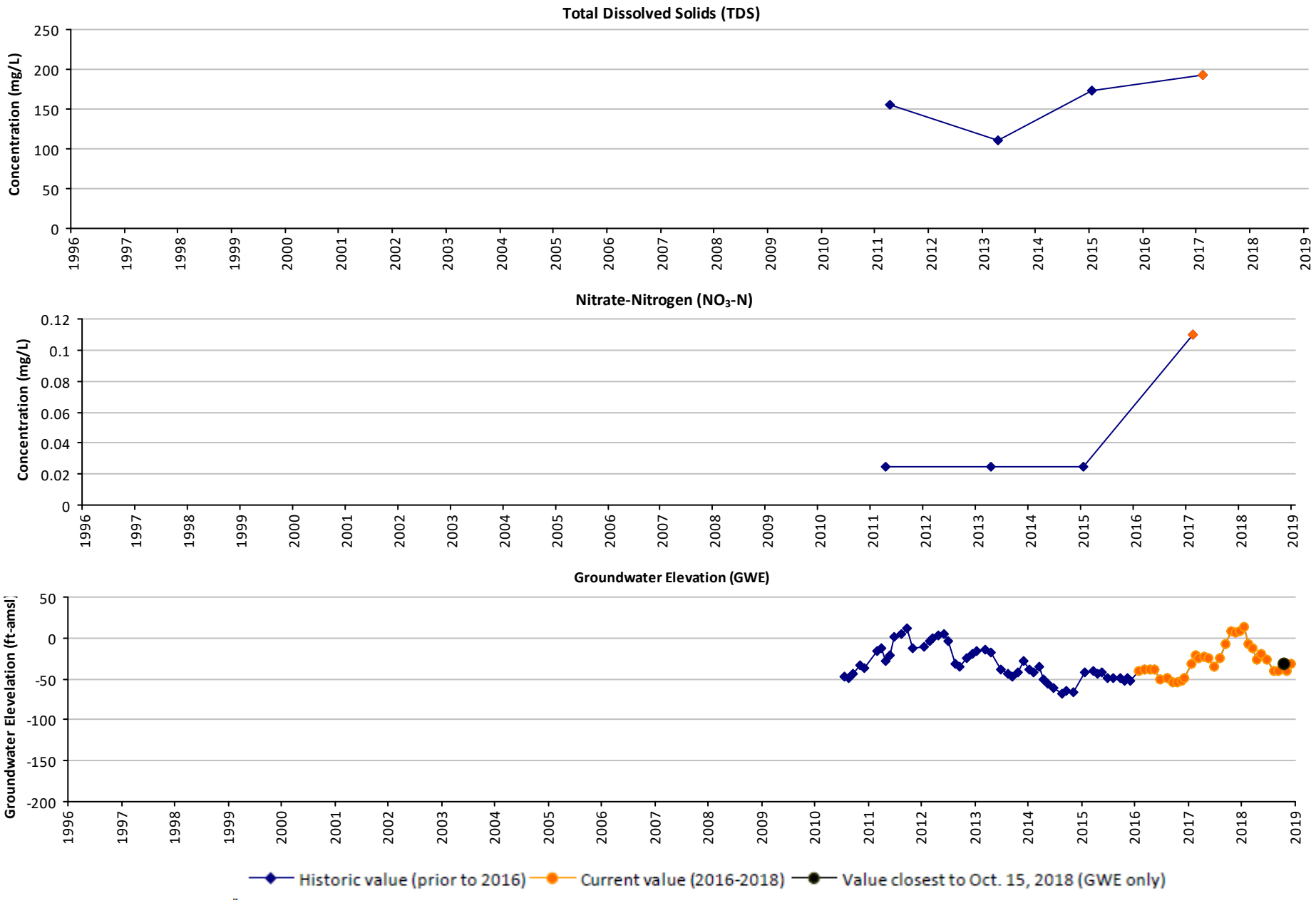
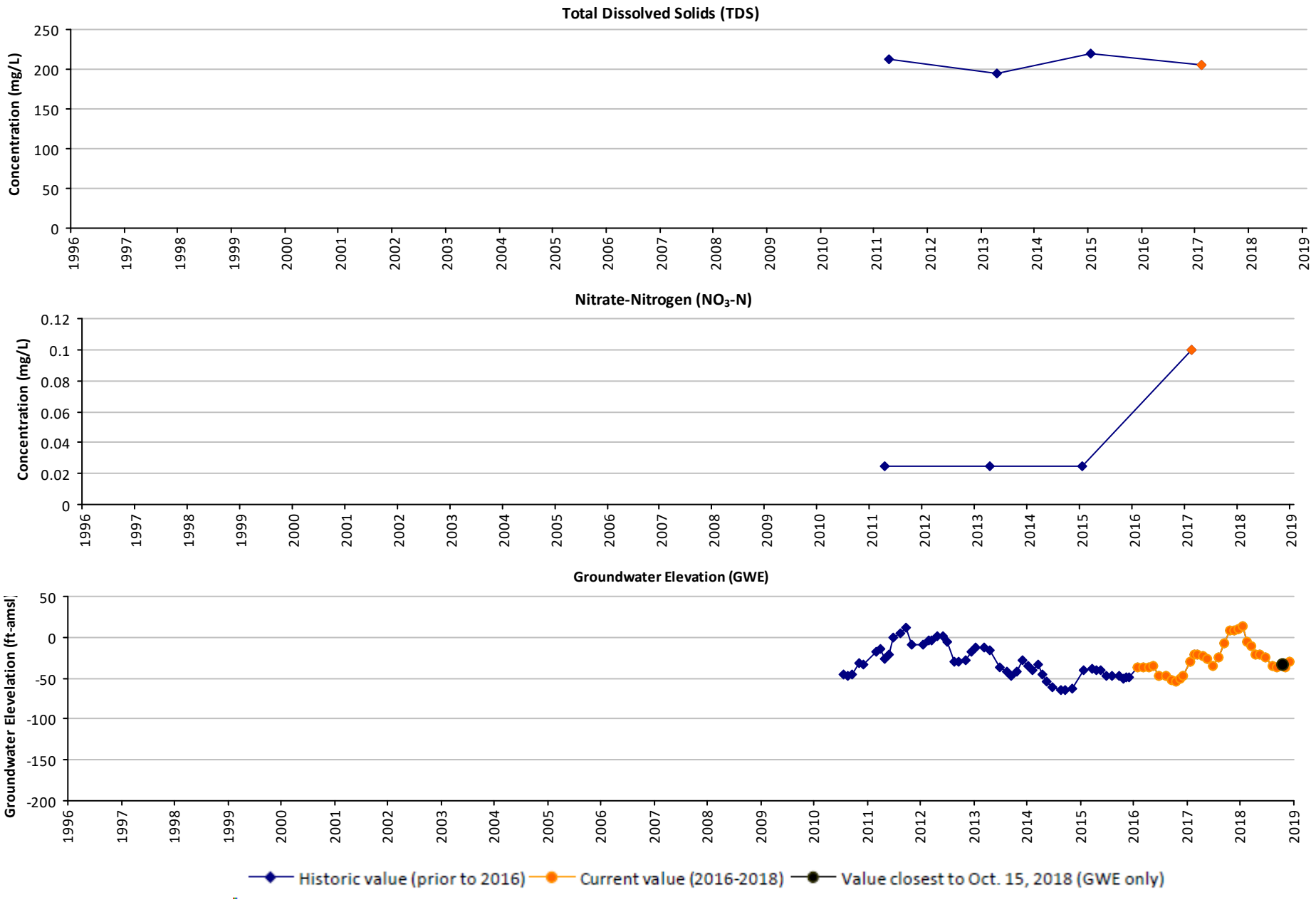
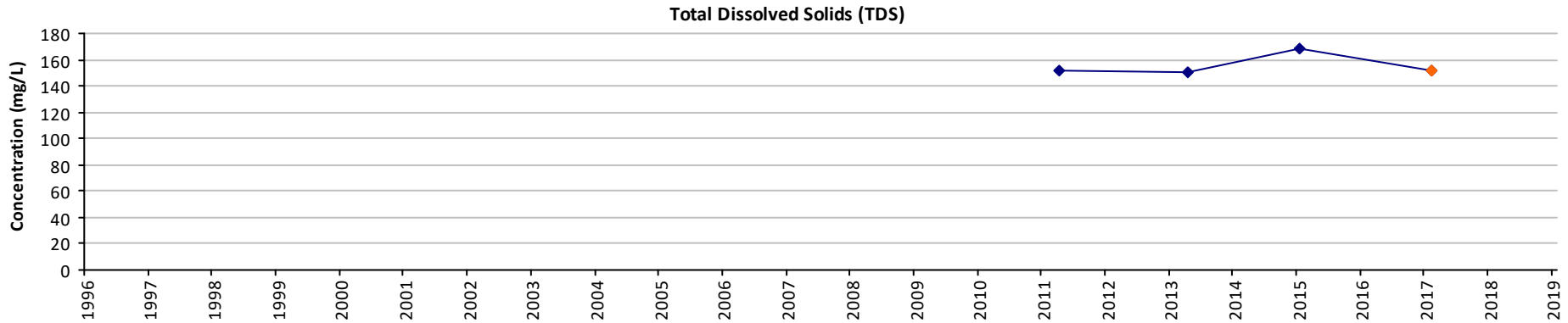
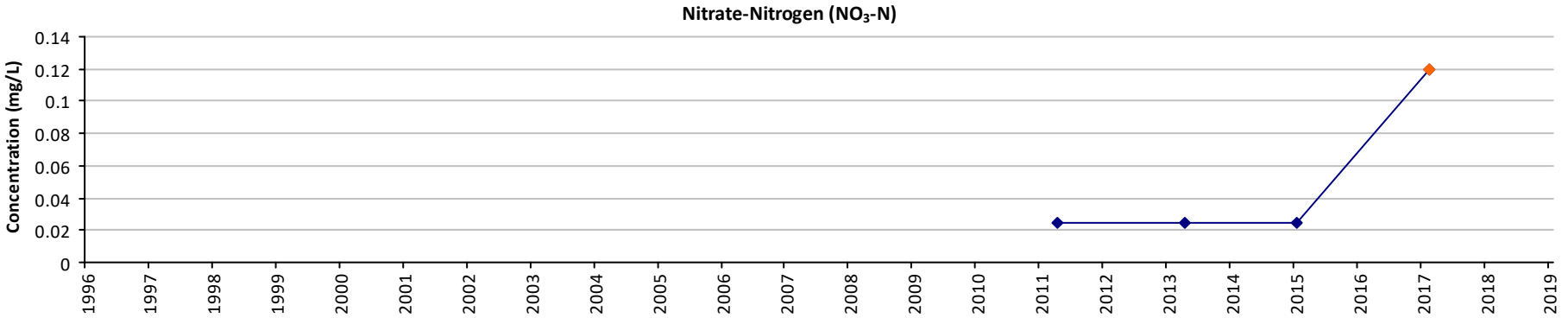
2019

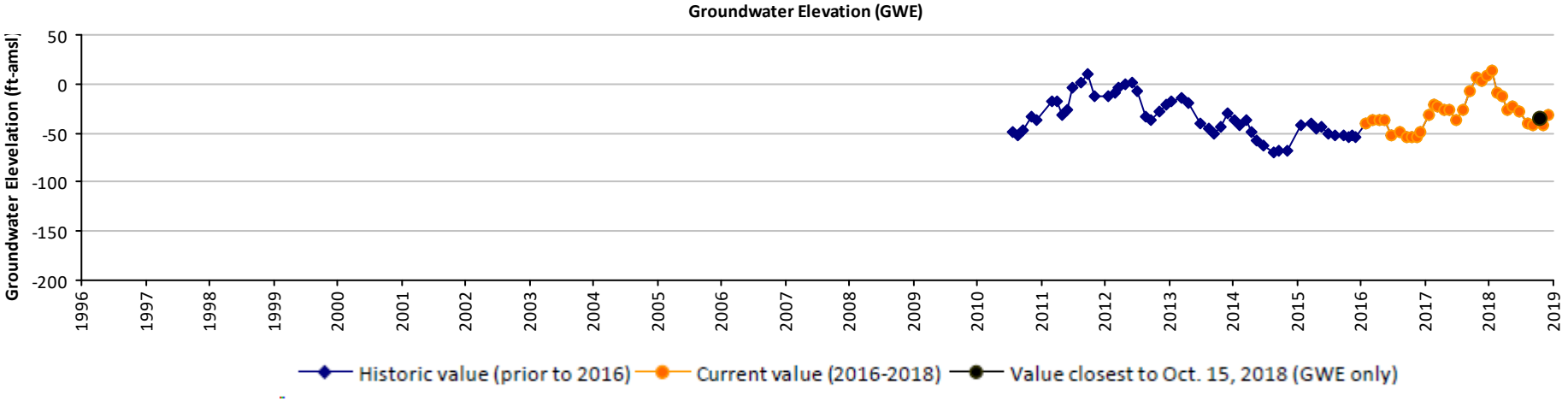

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

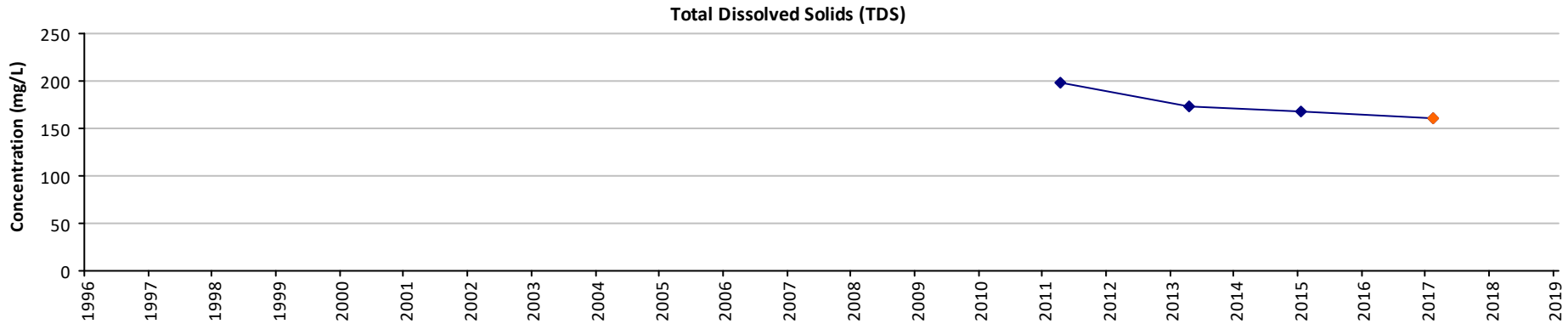

Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

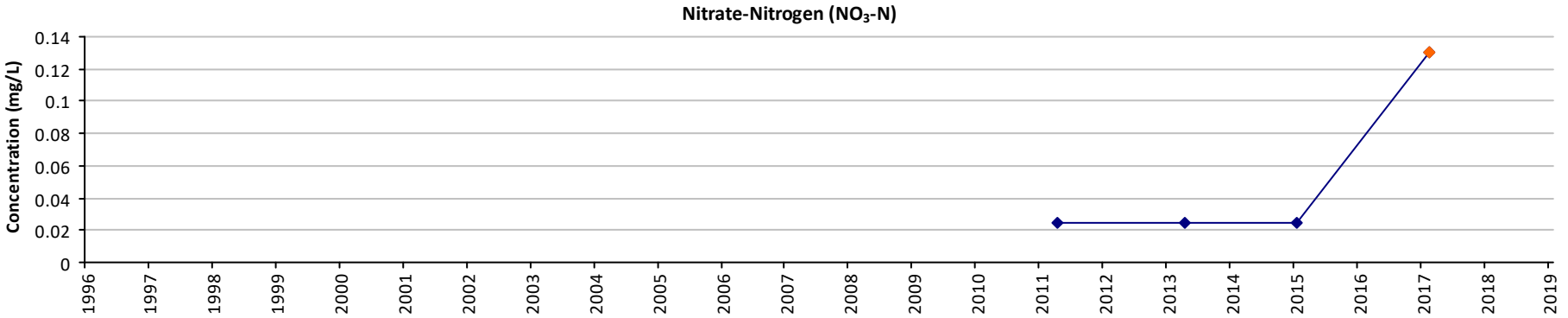

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

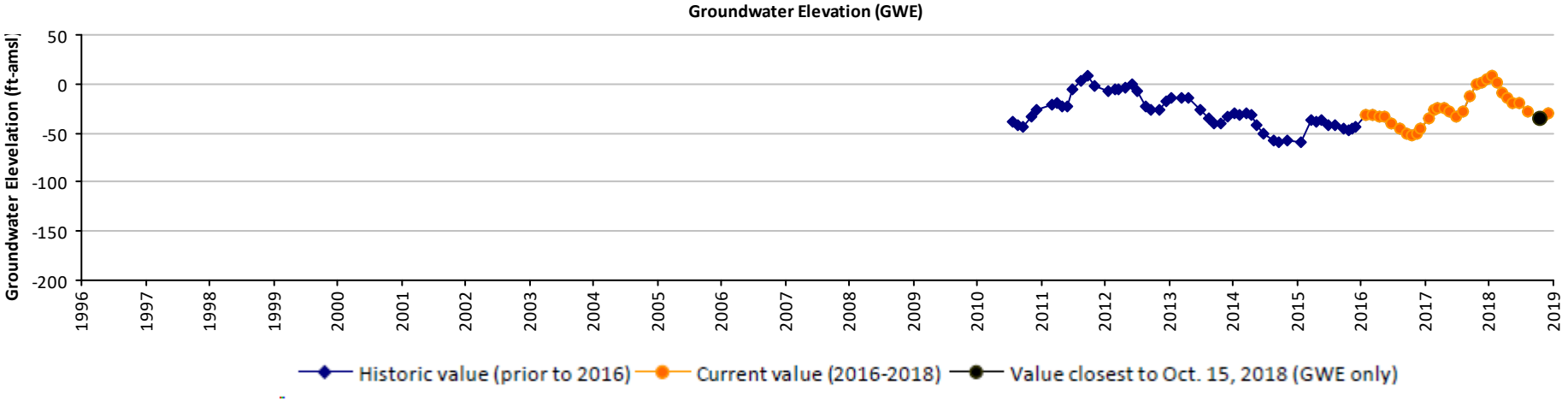

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

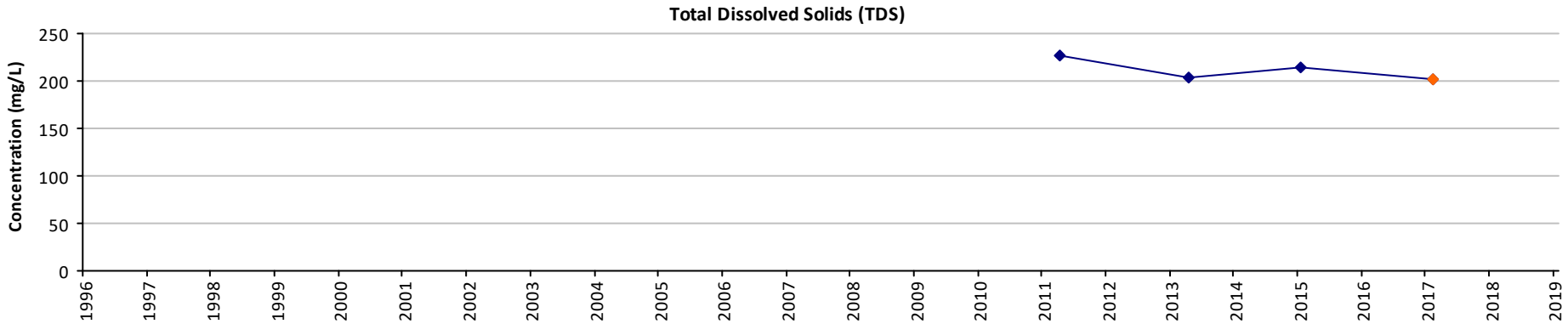
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

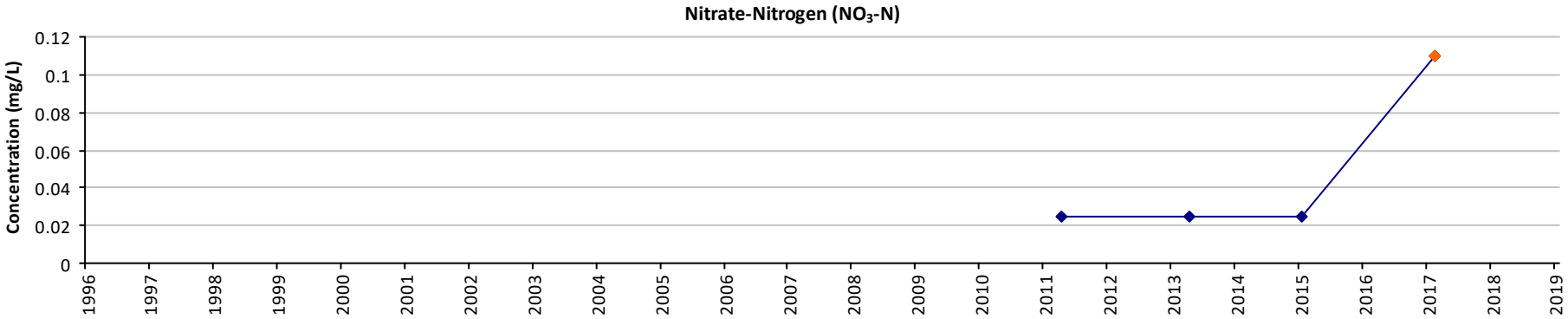
Well ID: 1232456
Management Zone: Orange County

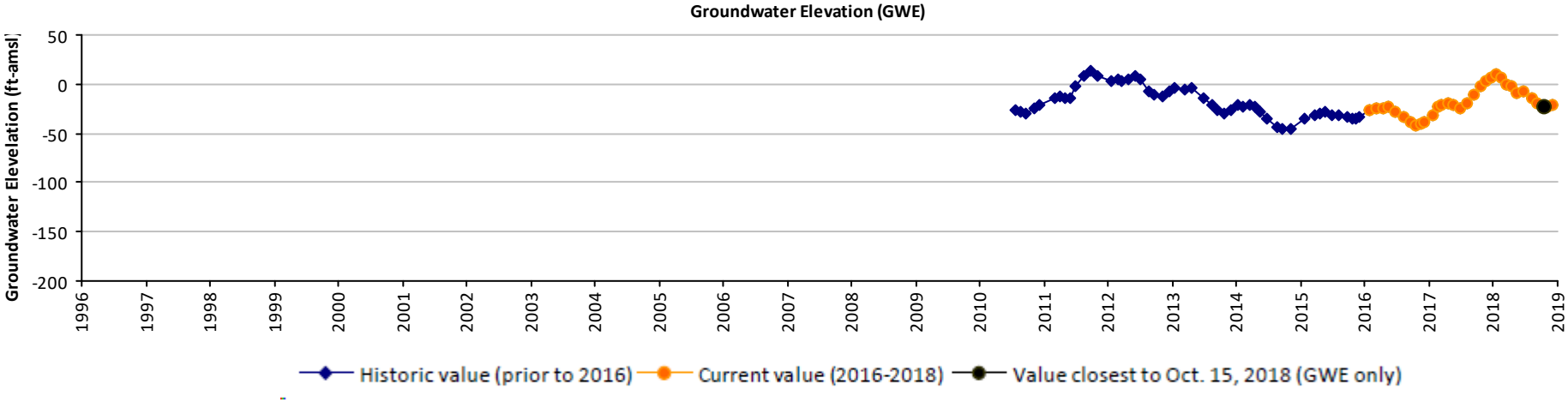


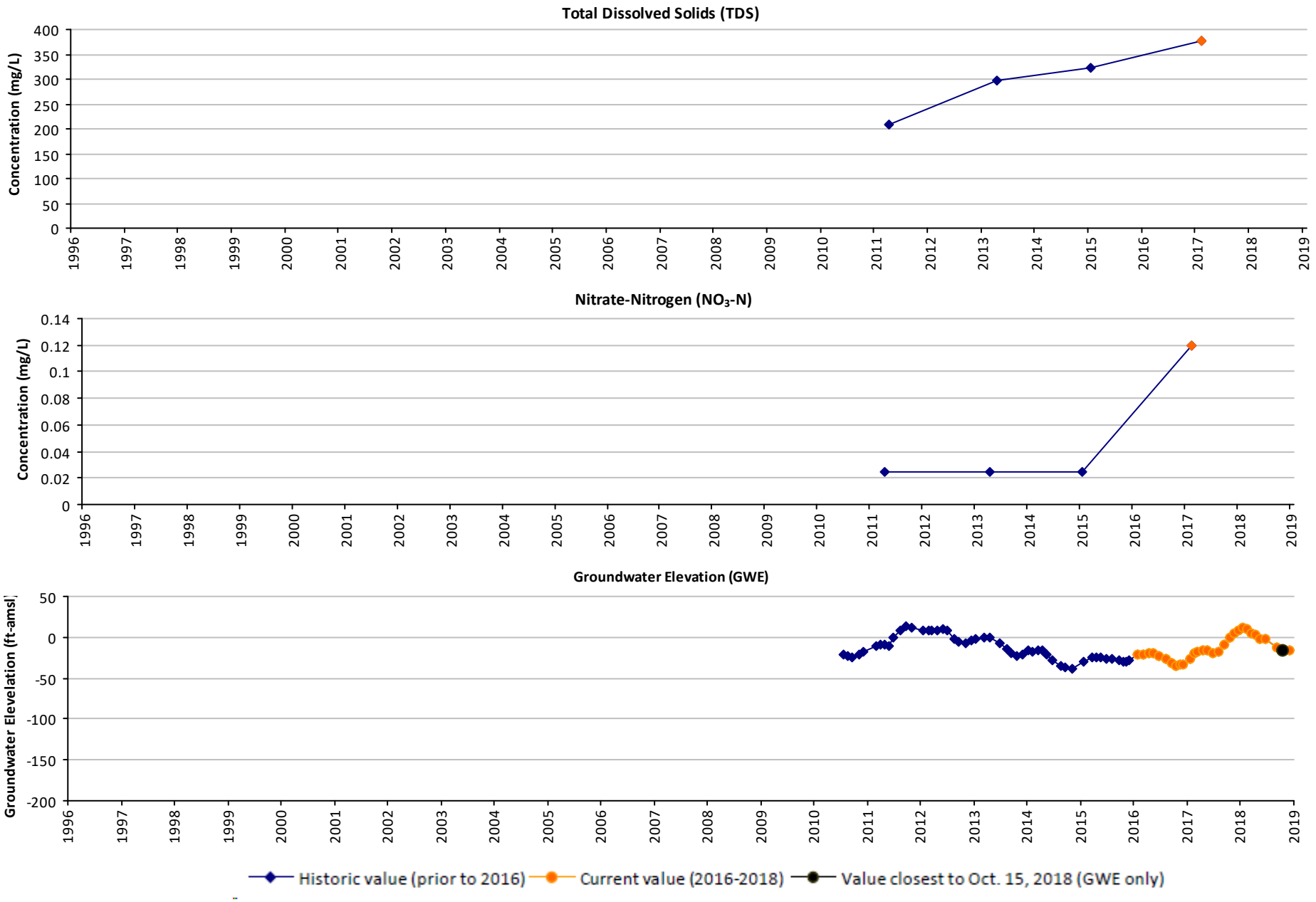


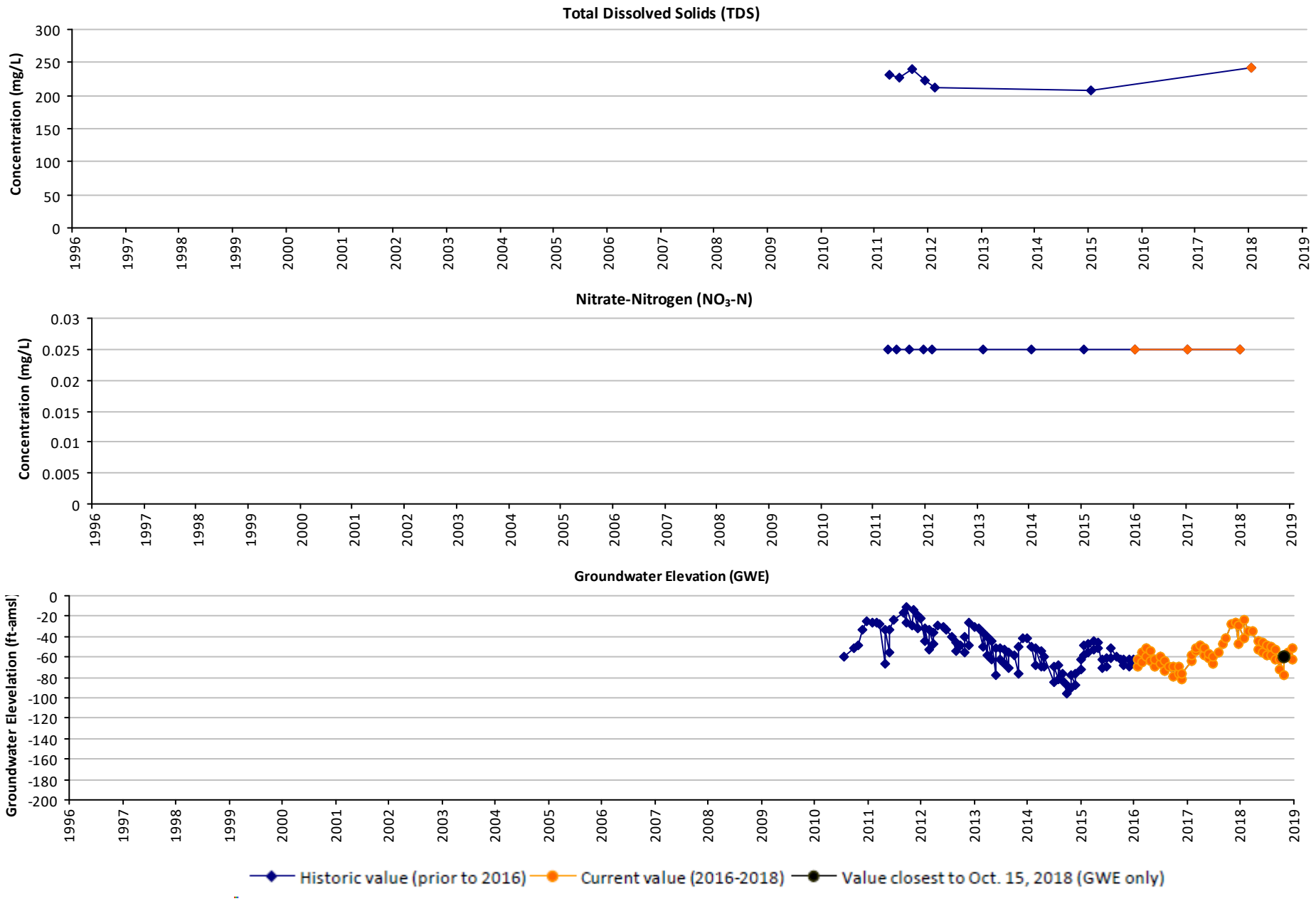


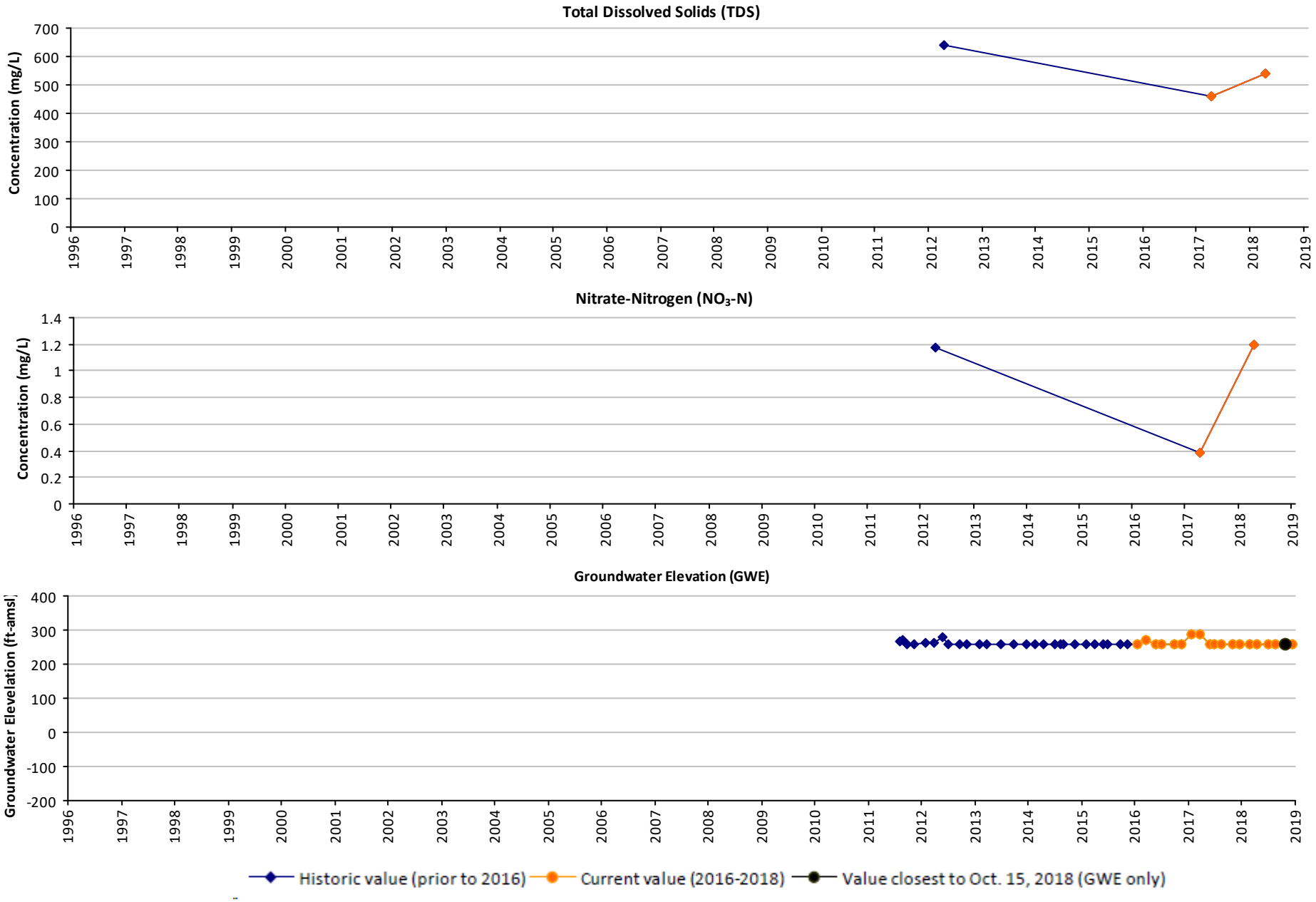

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

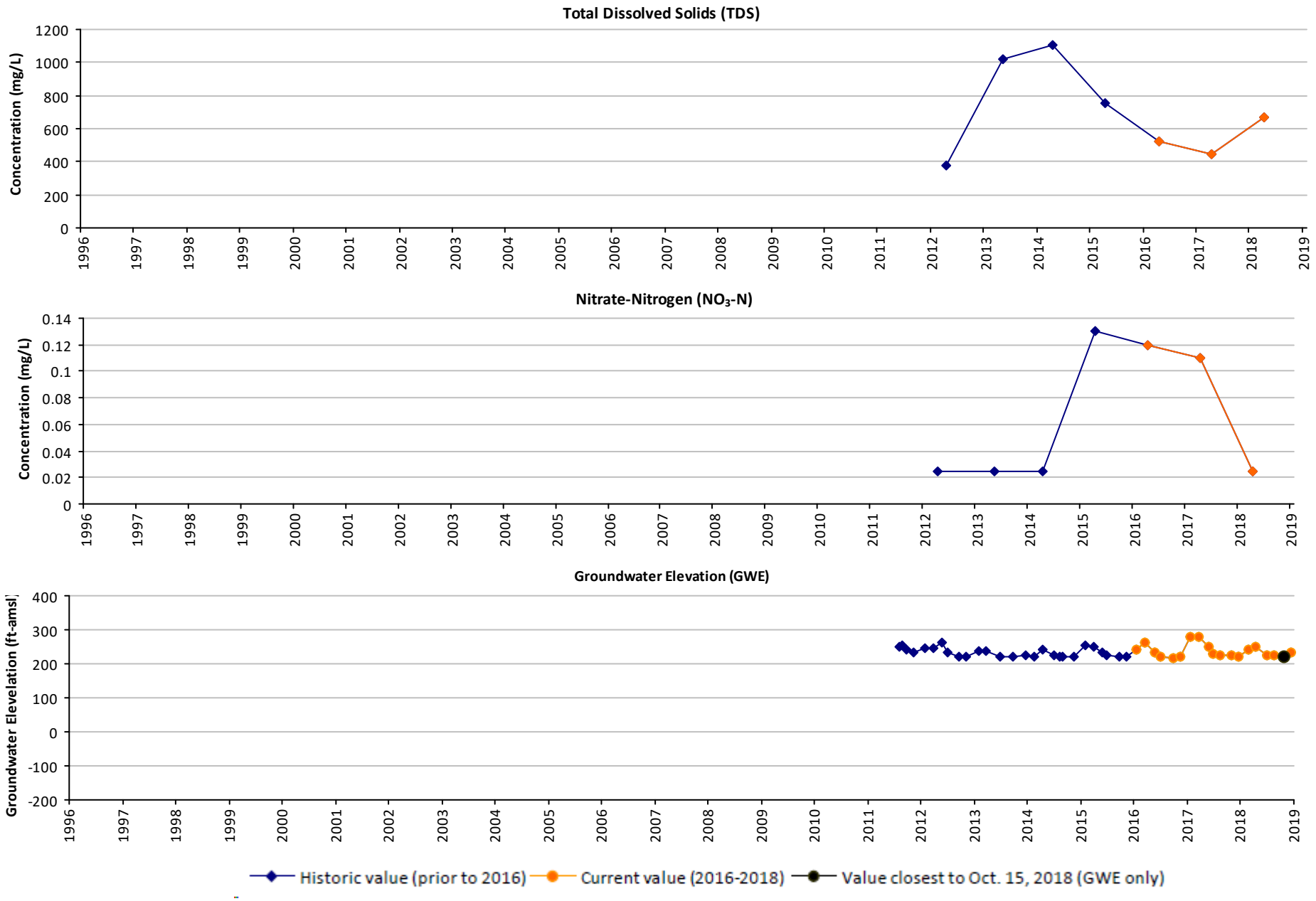

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

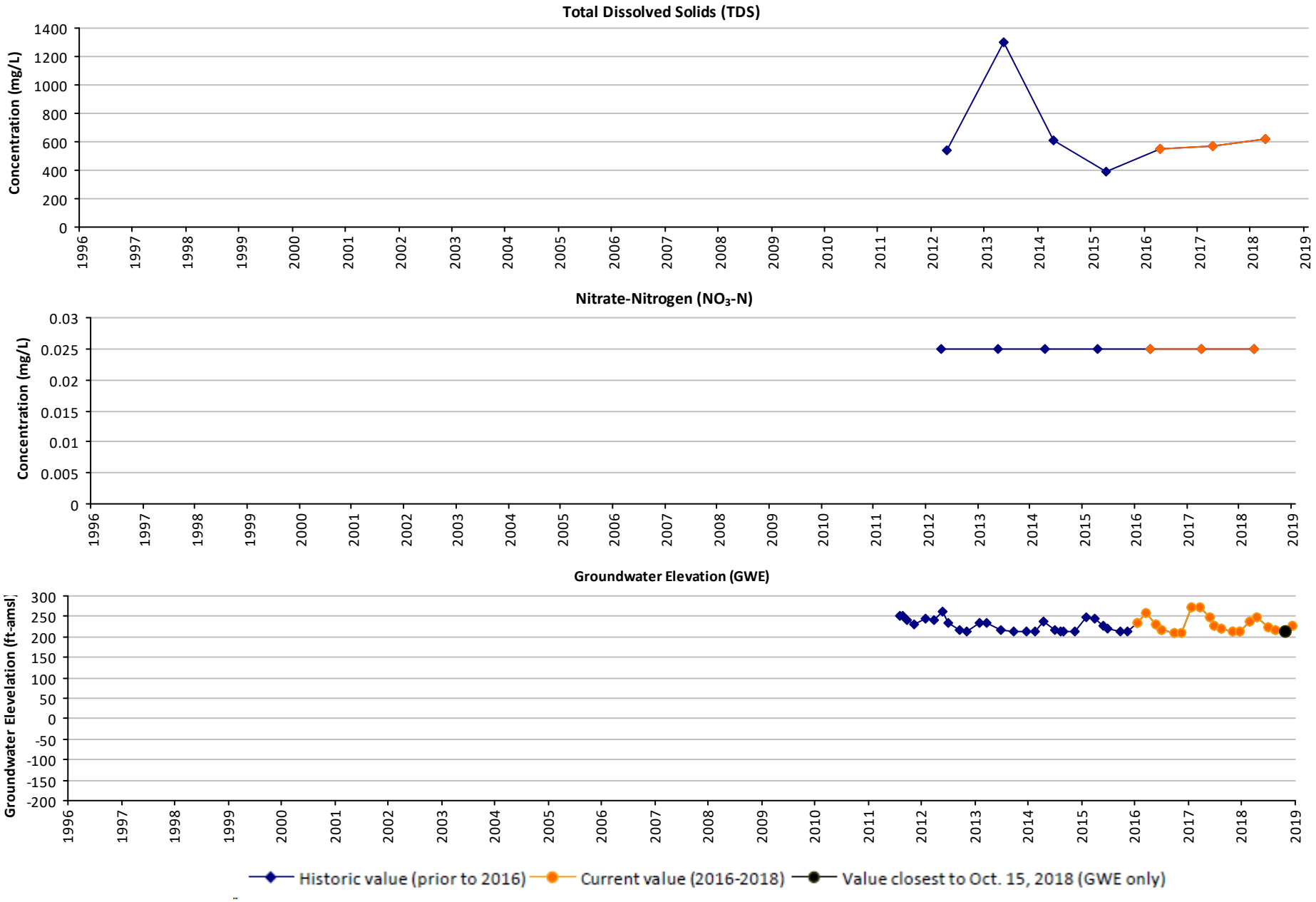

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

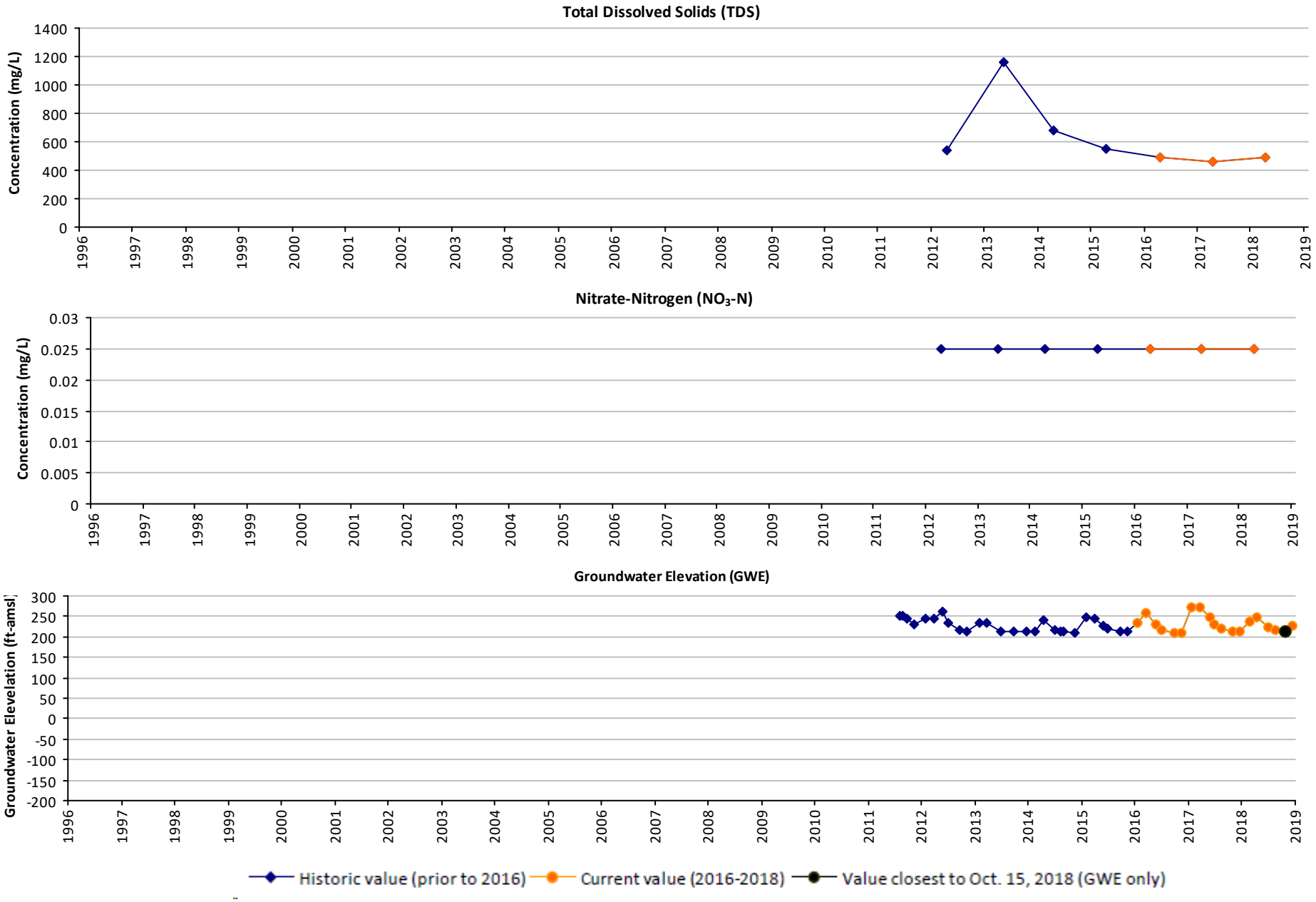

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

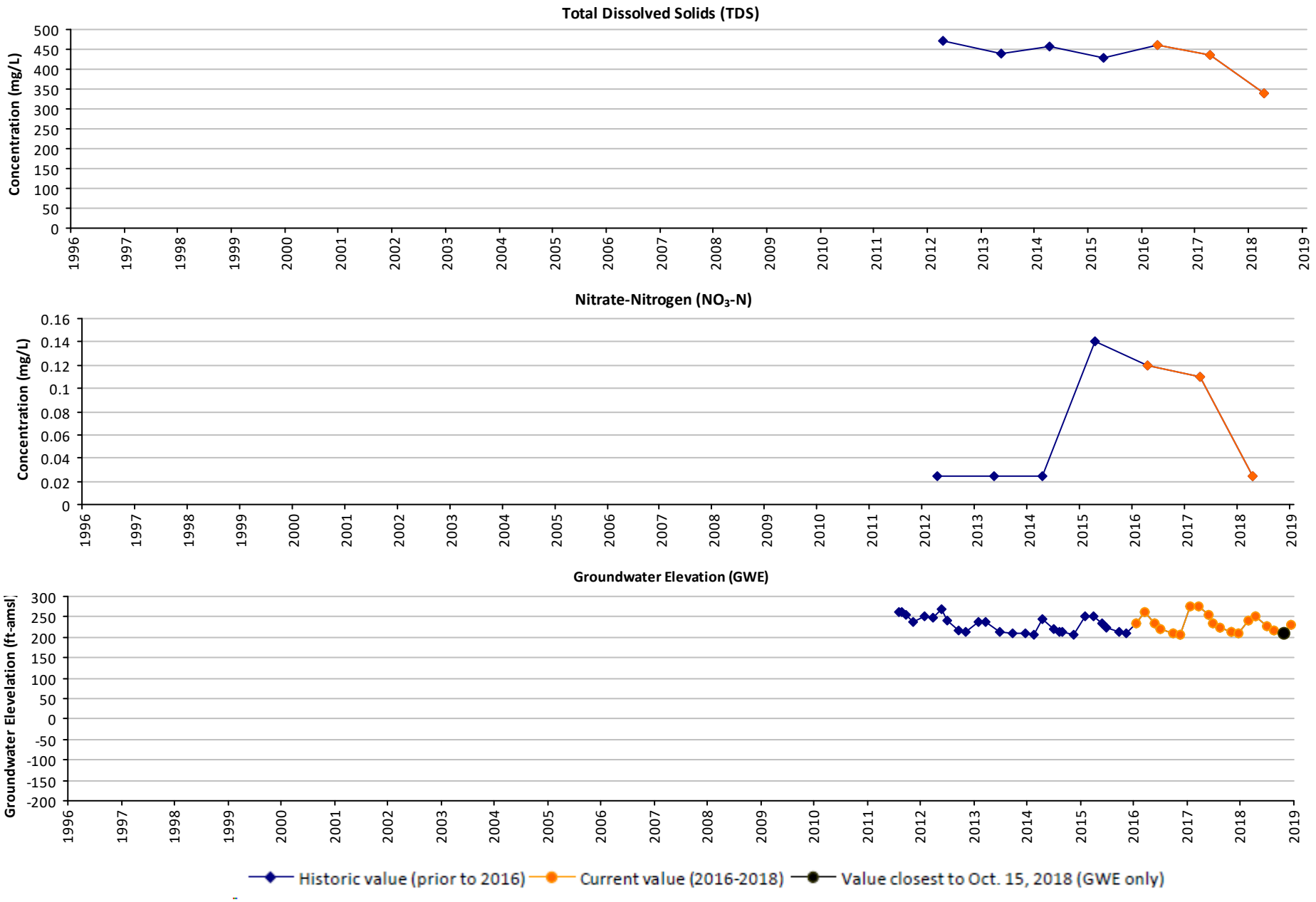

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

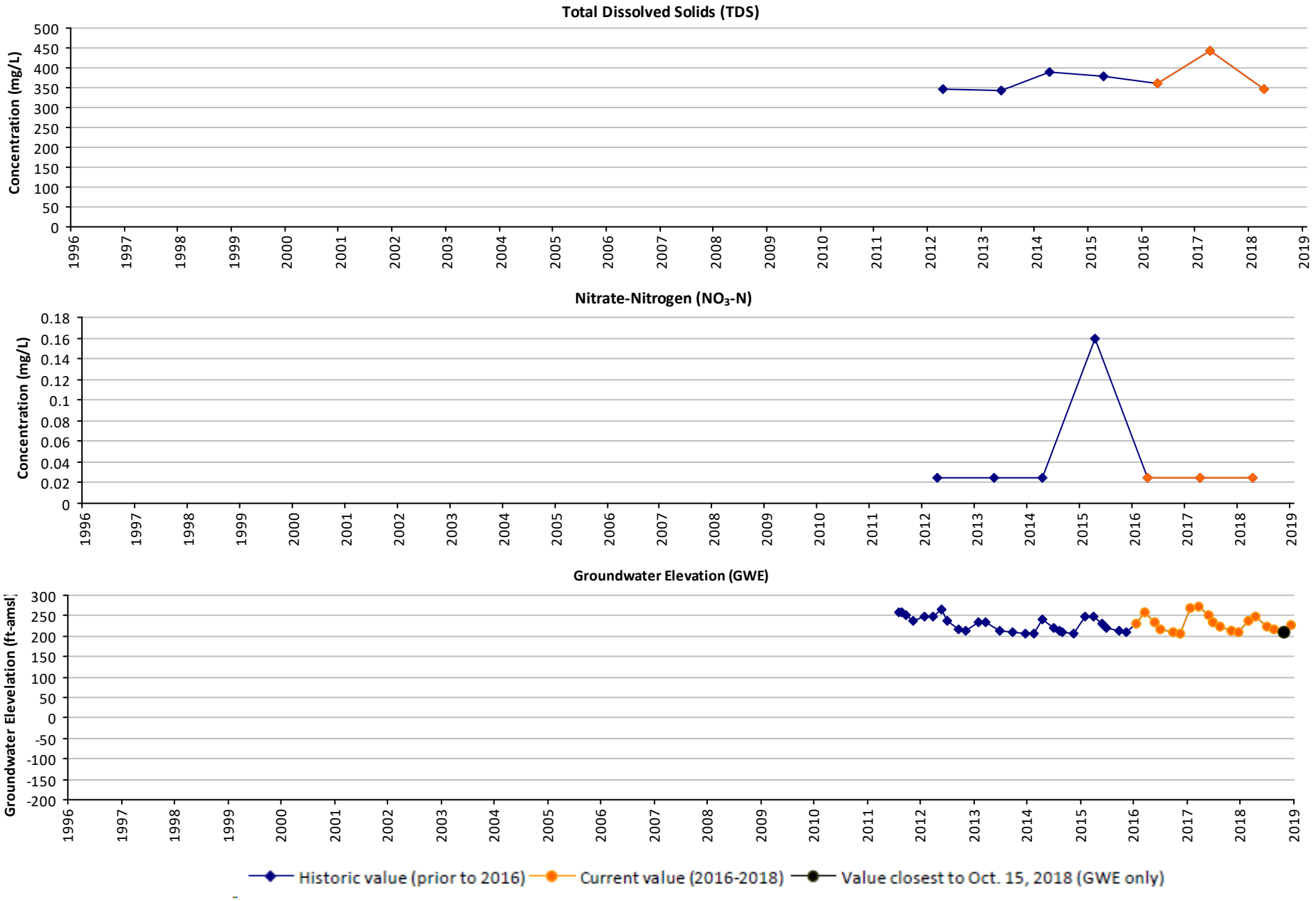

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

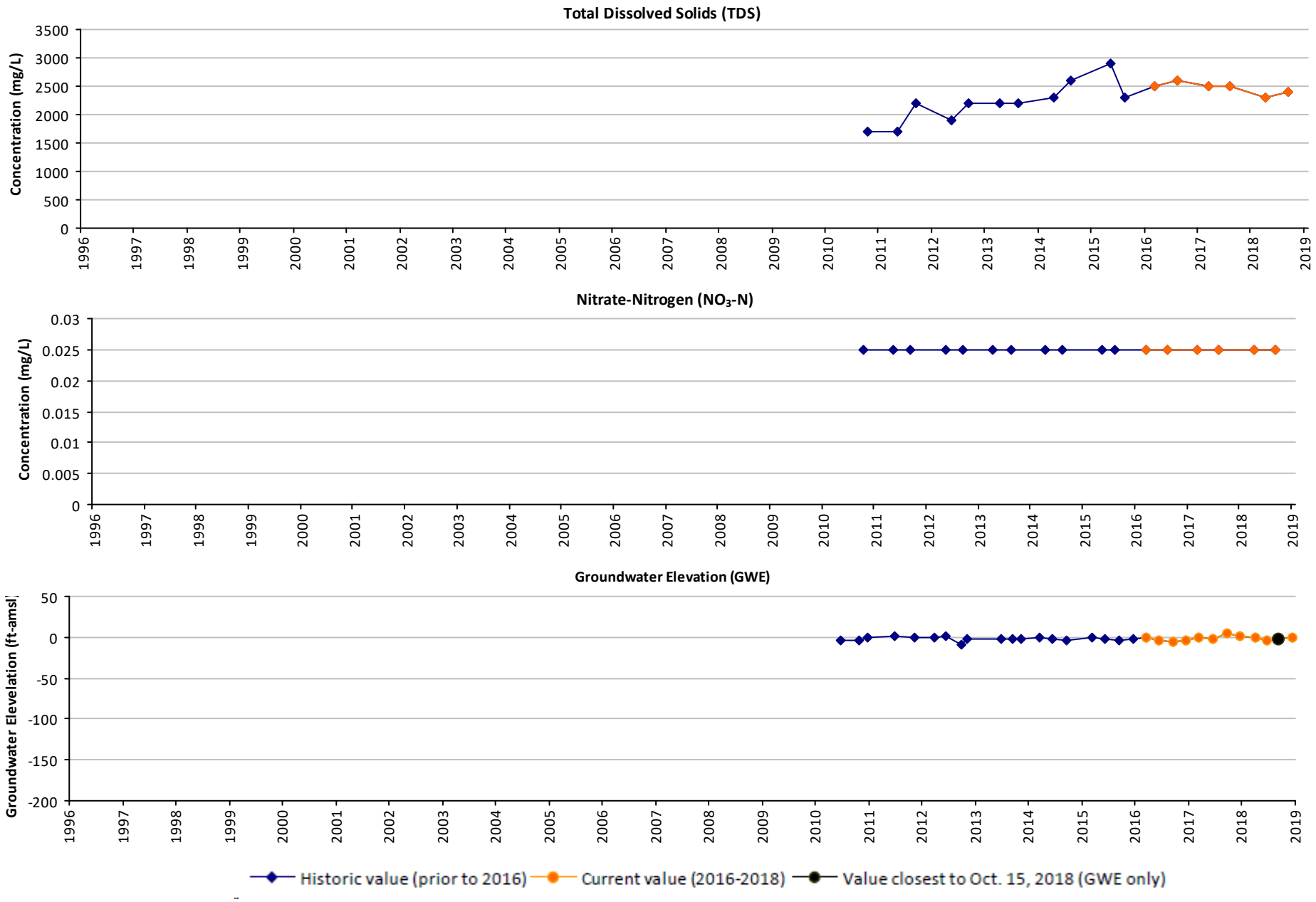

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

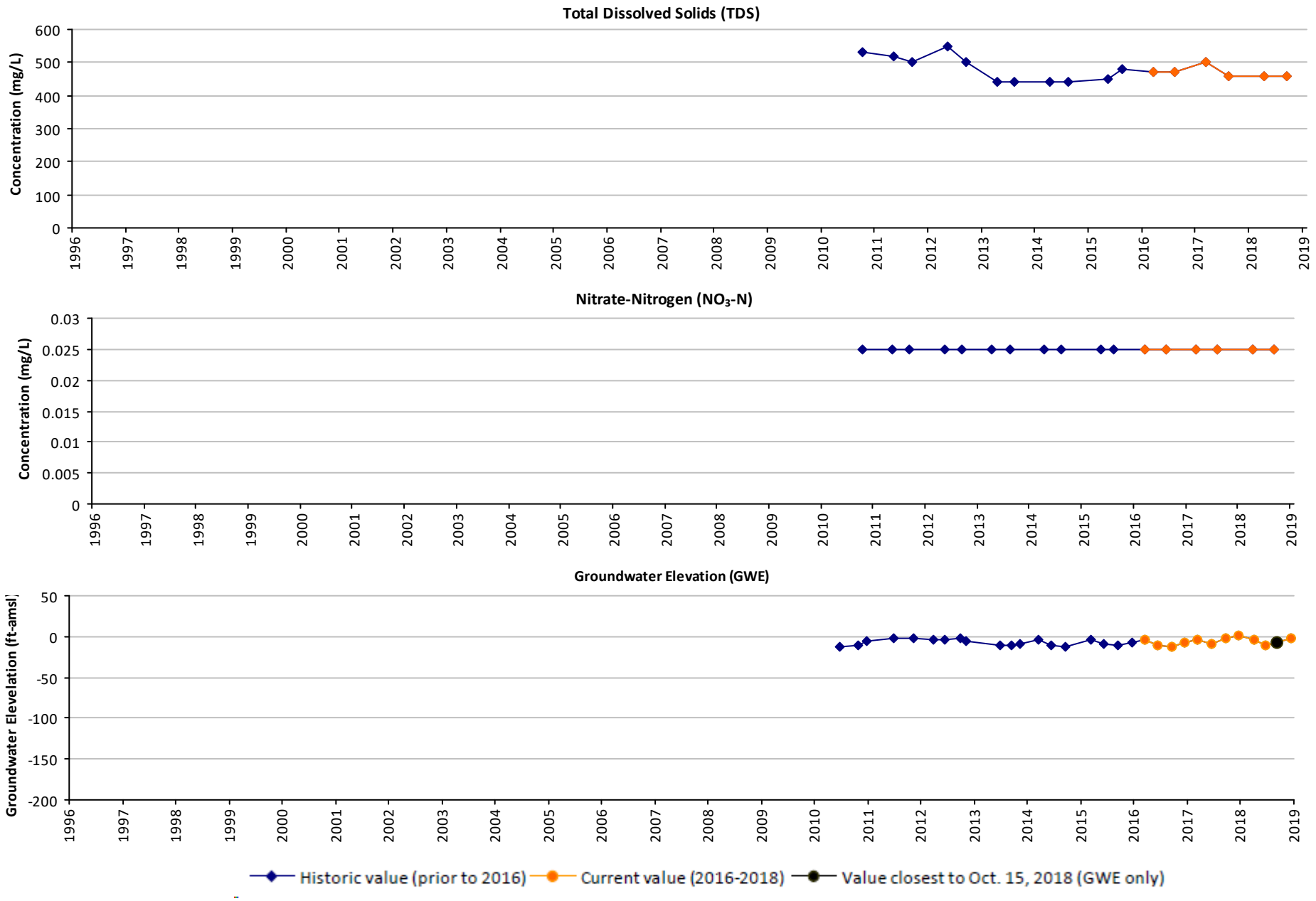

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
200
250
300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

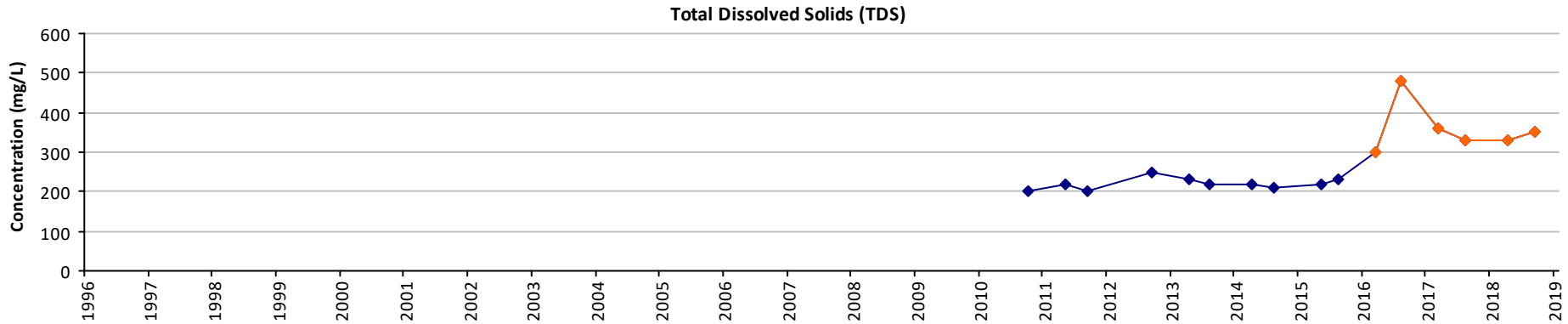

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

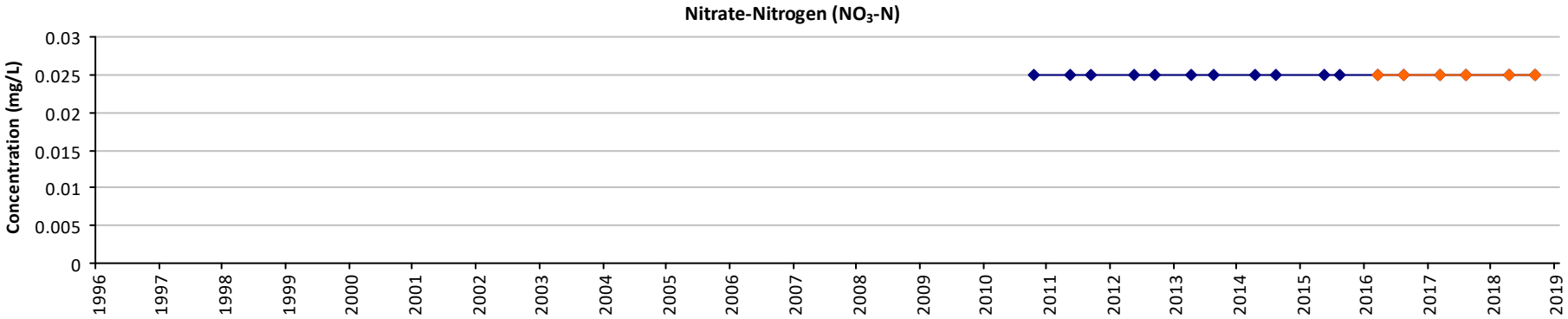

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

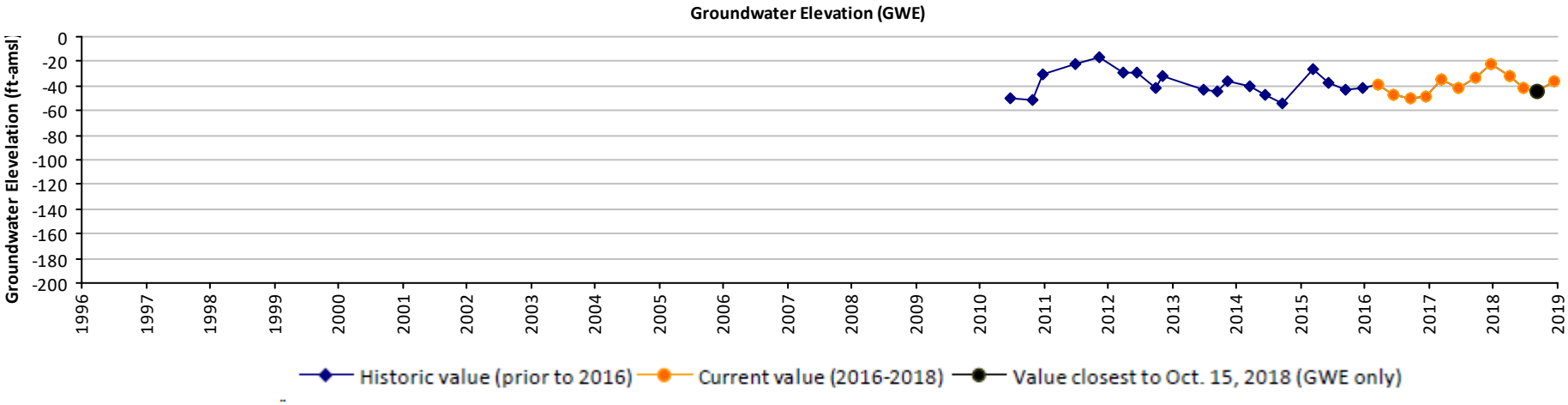

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

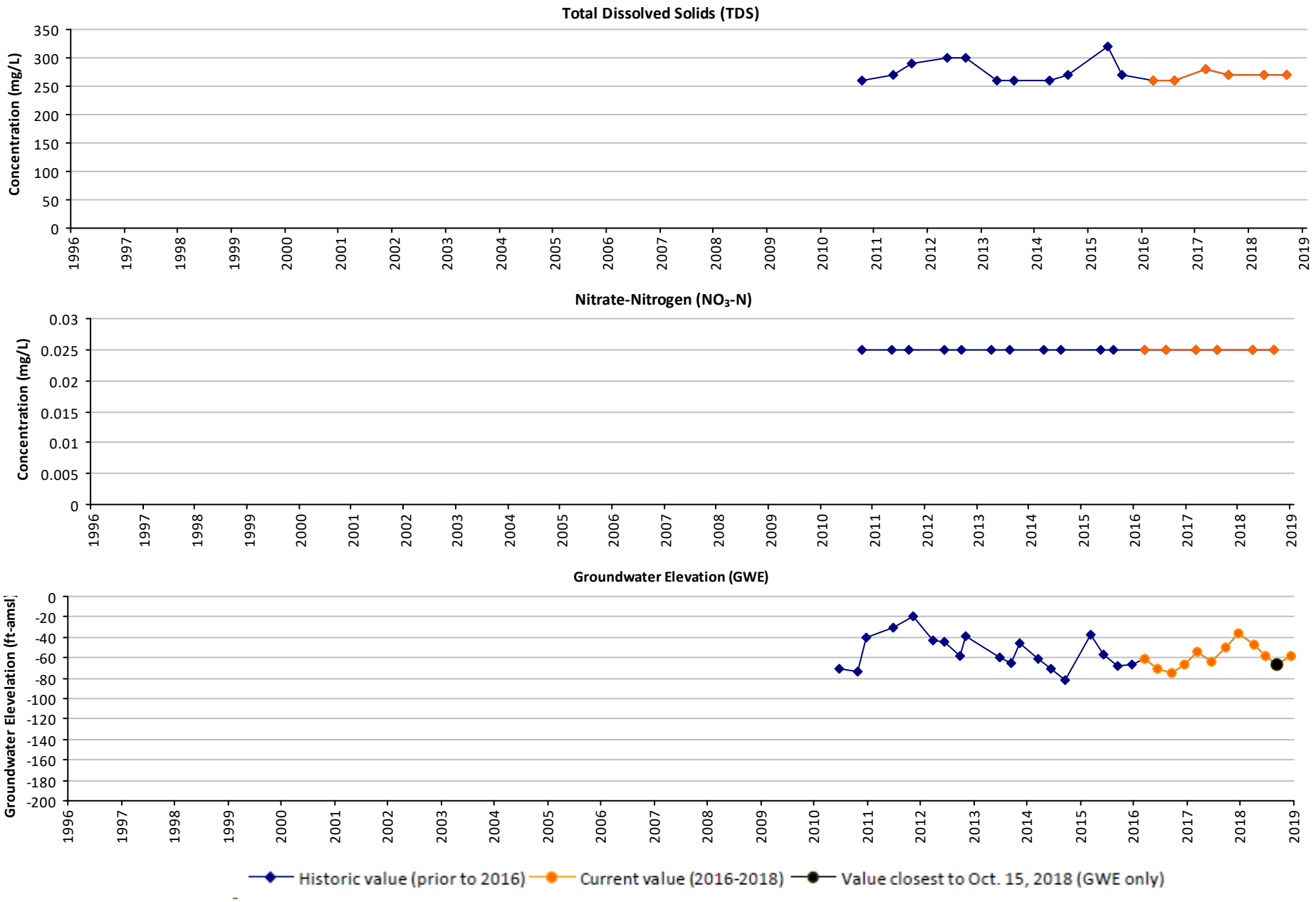
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

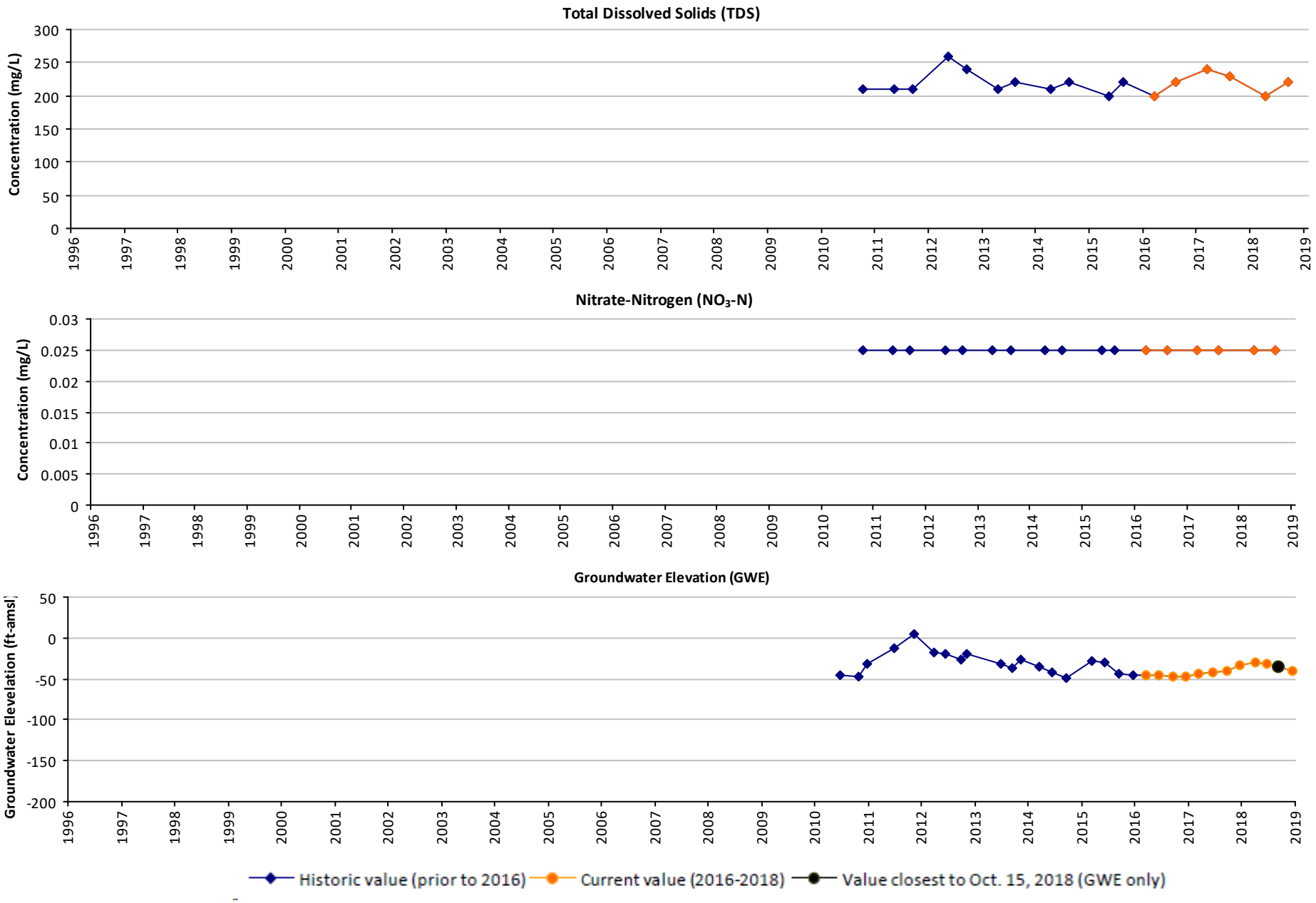
Well ID: 1232490
Management Zone: Orange County

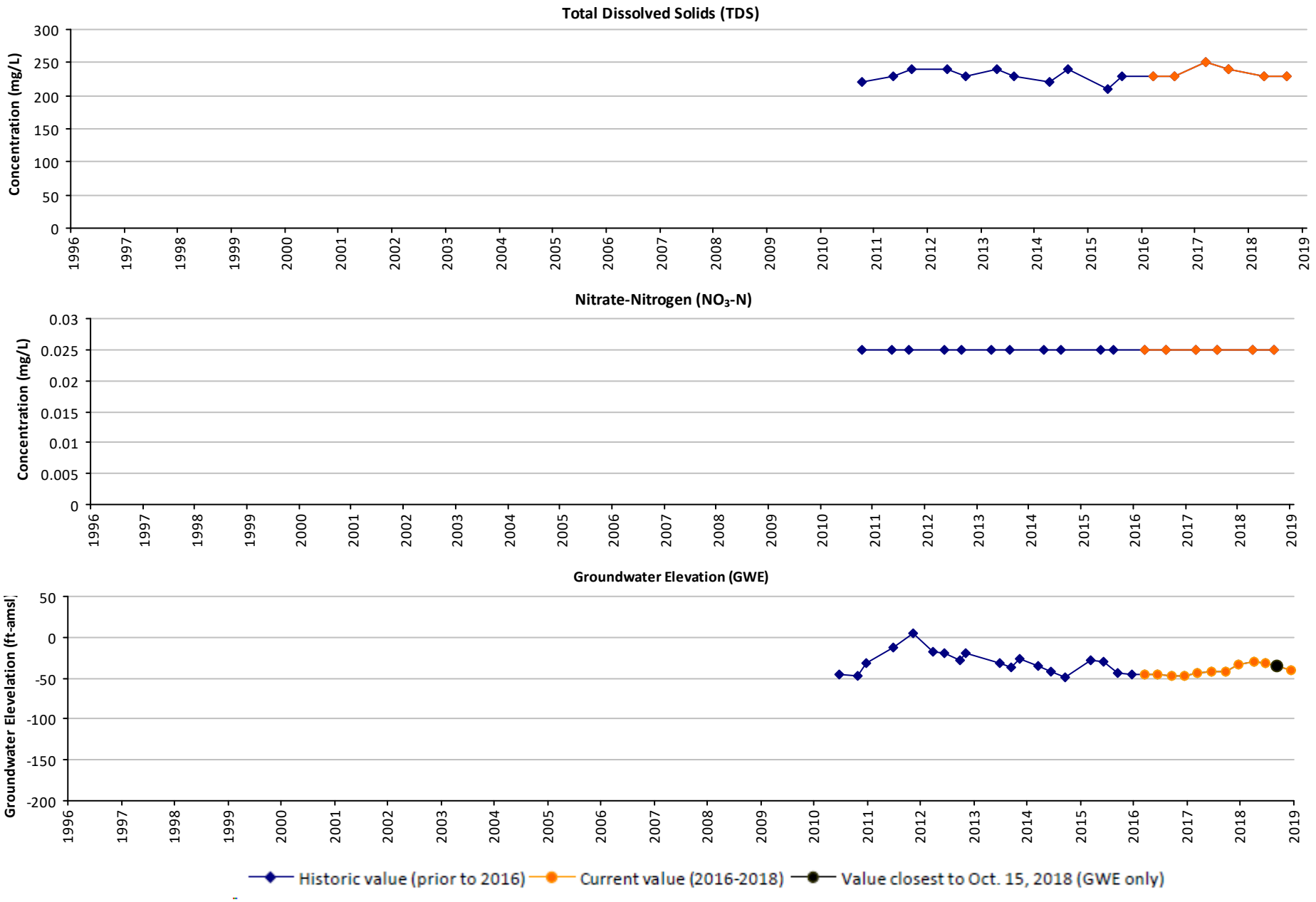


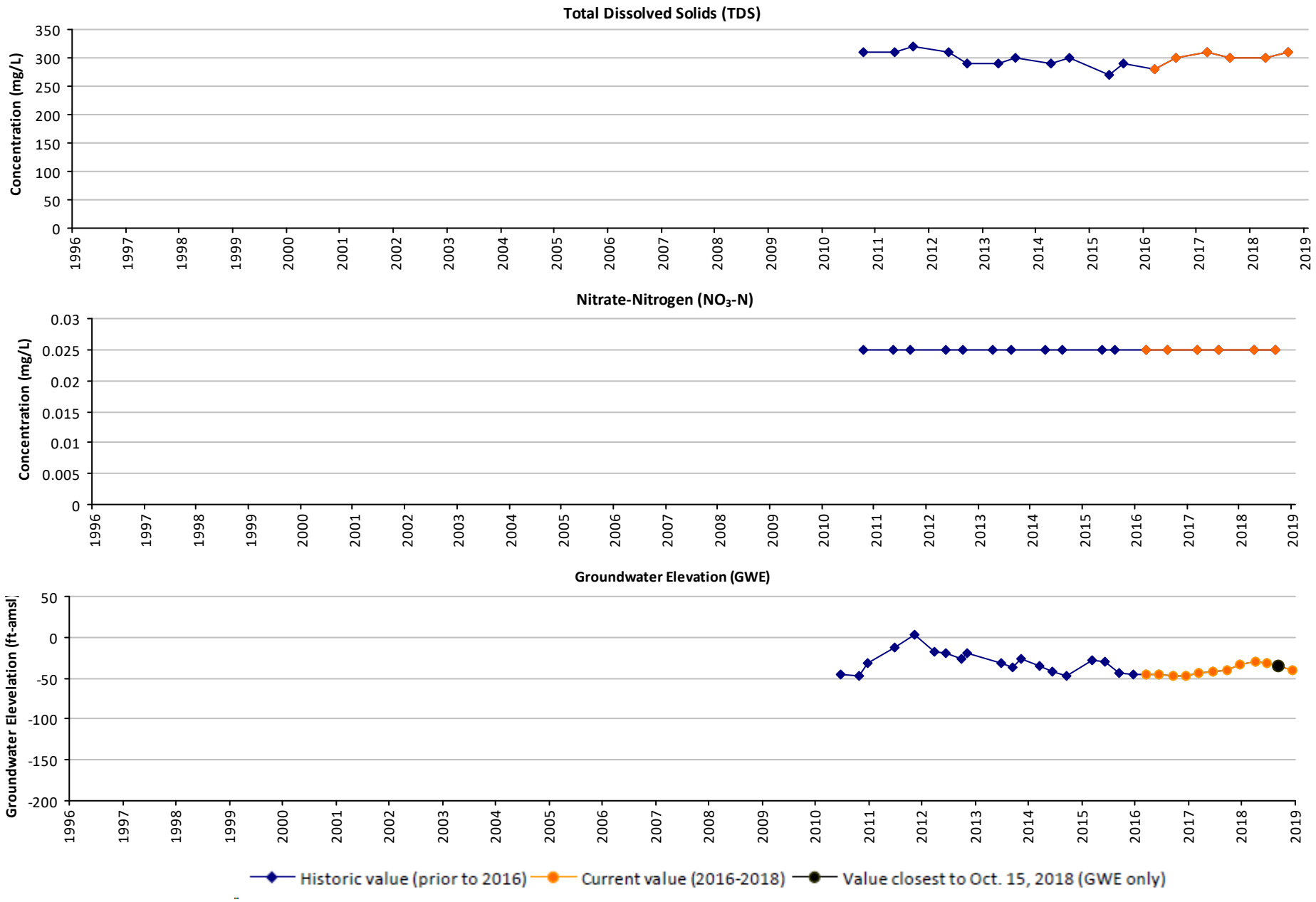


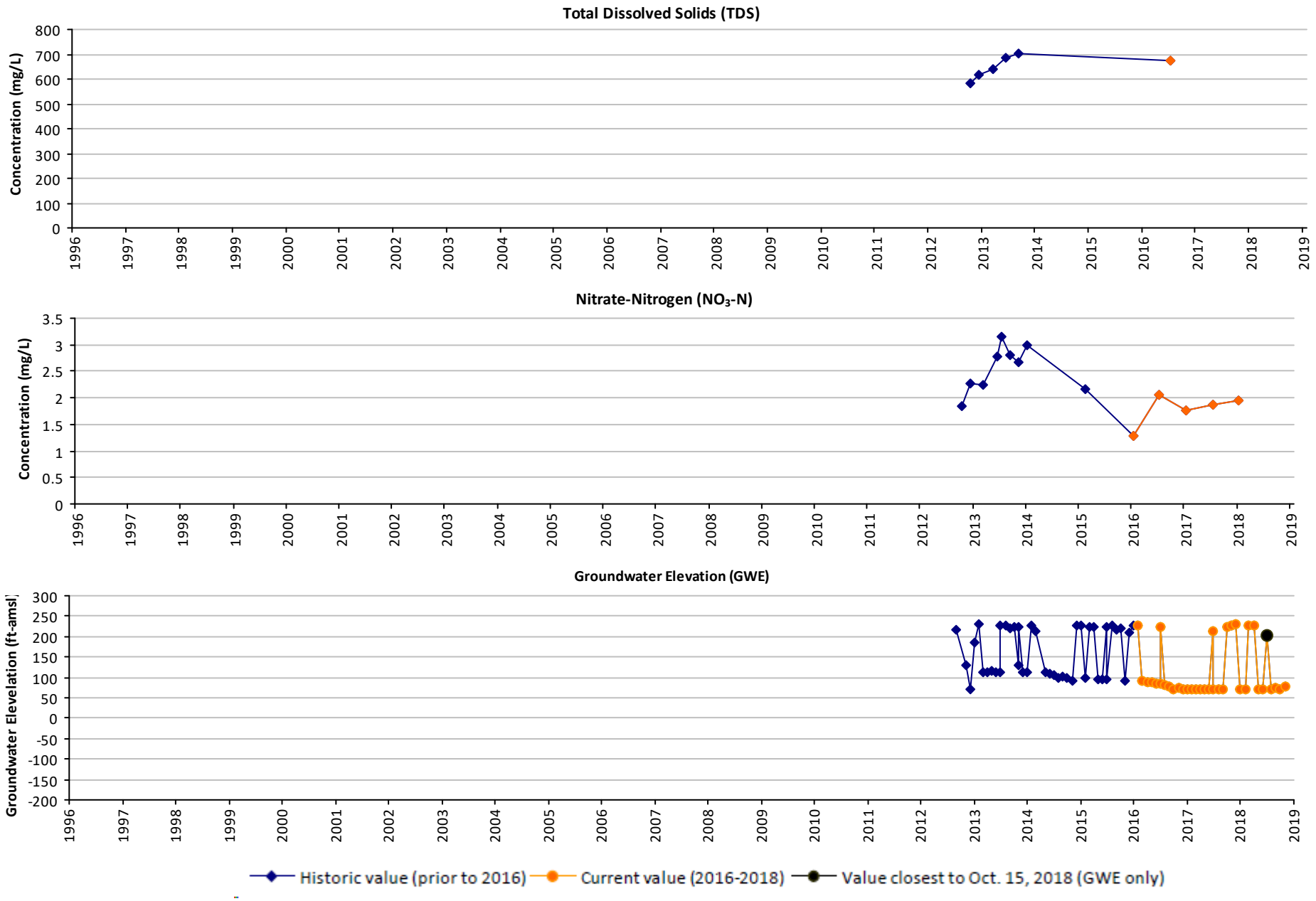


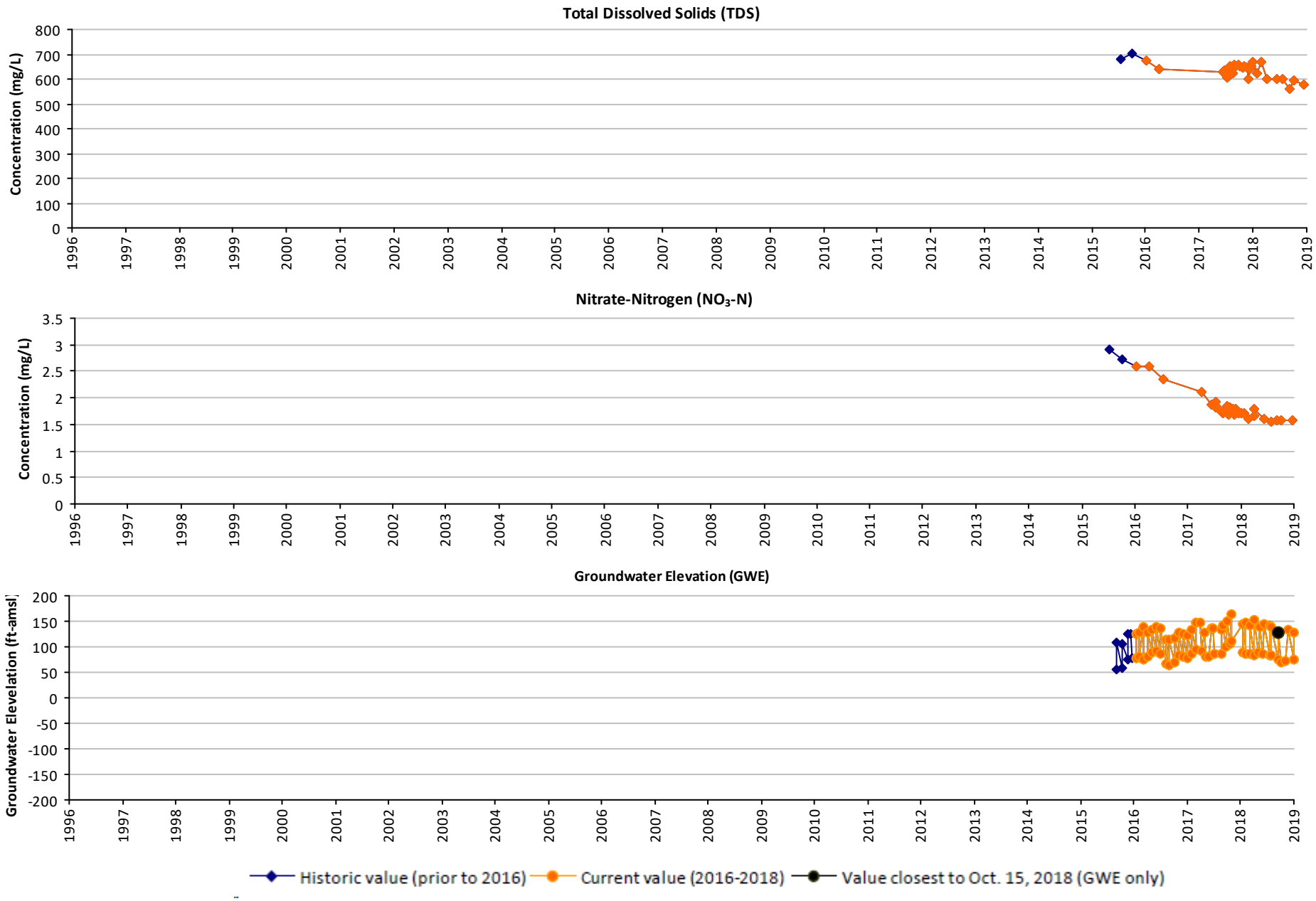

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

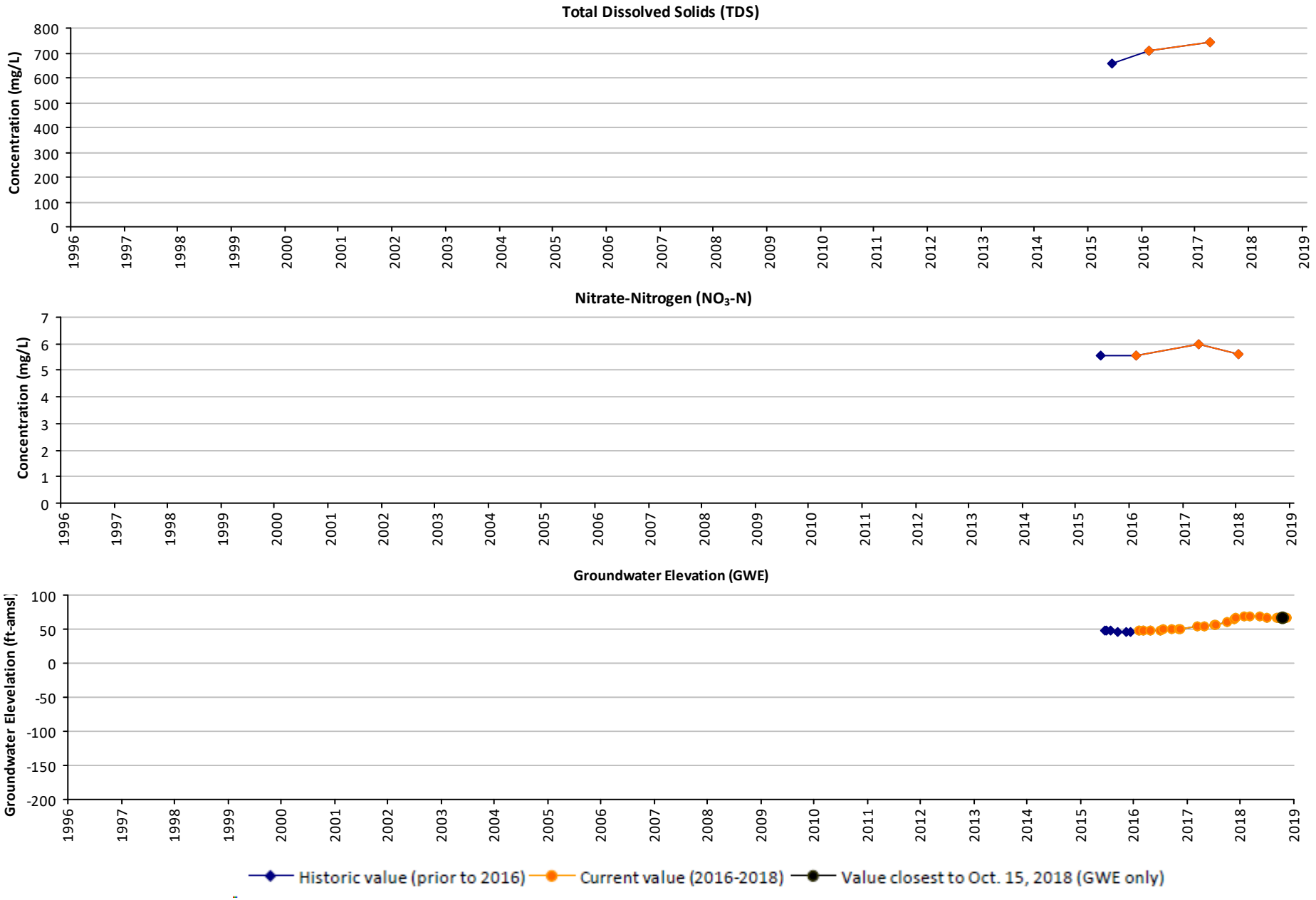

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

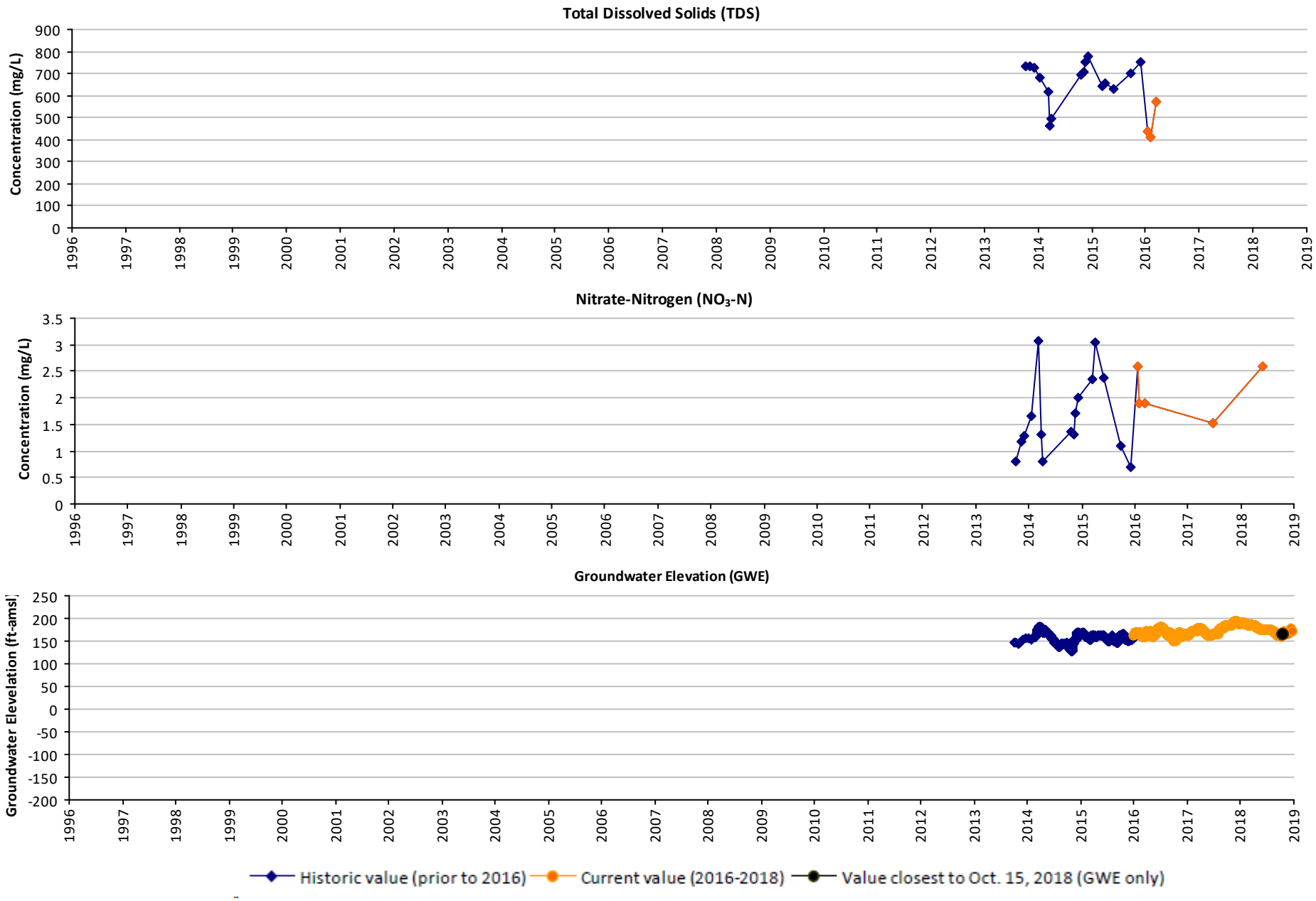

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

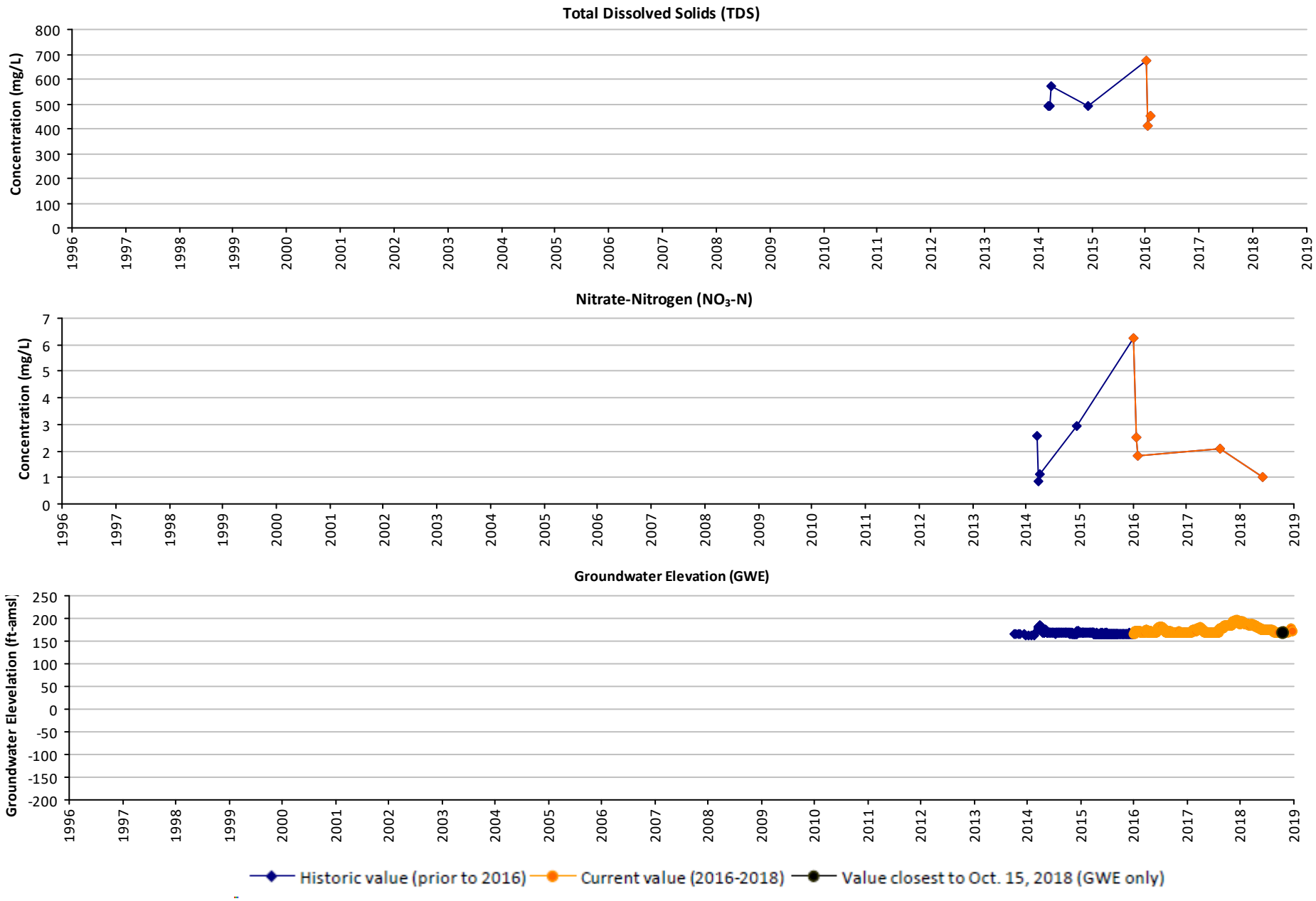

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

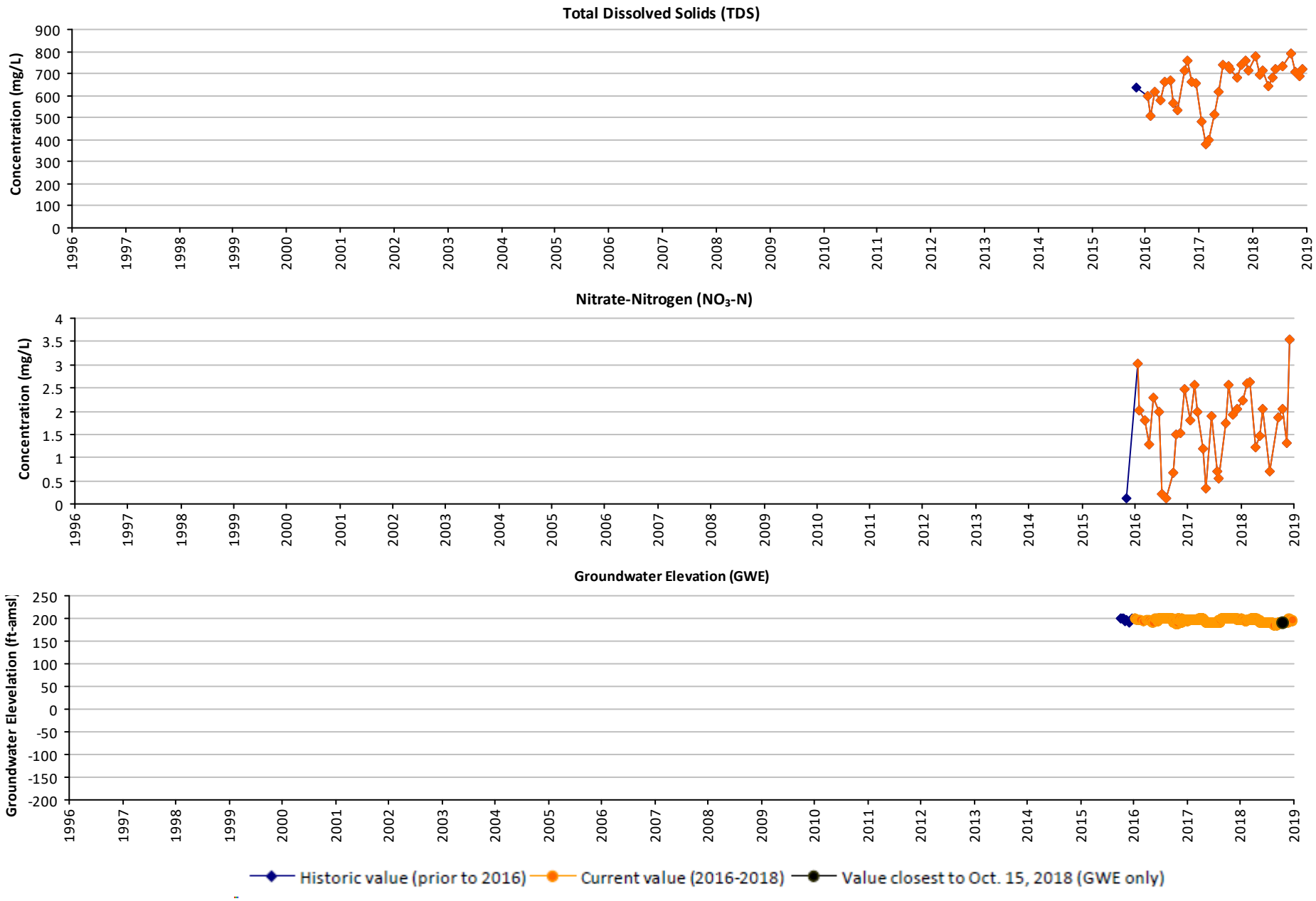

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

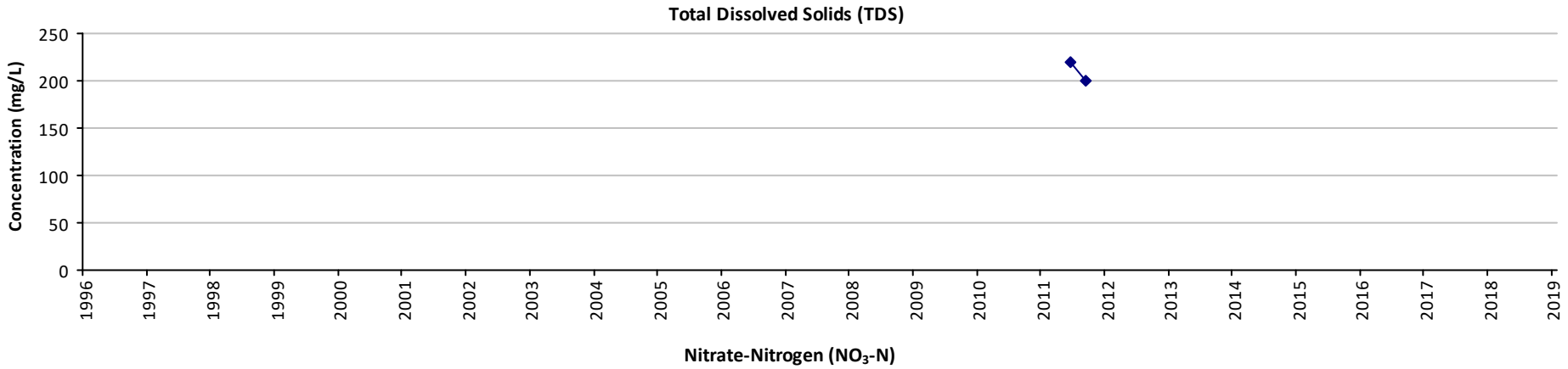

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

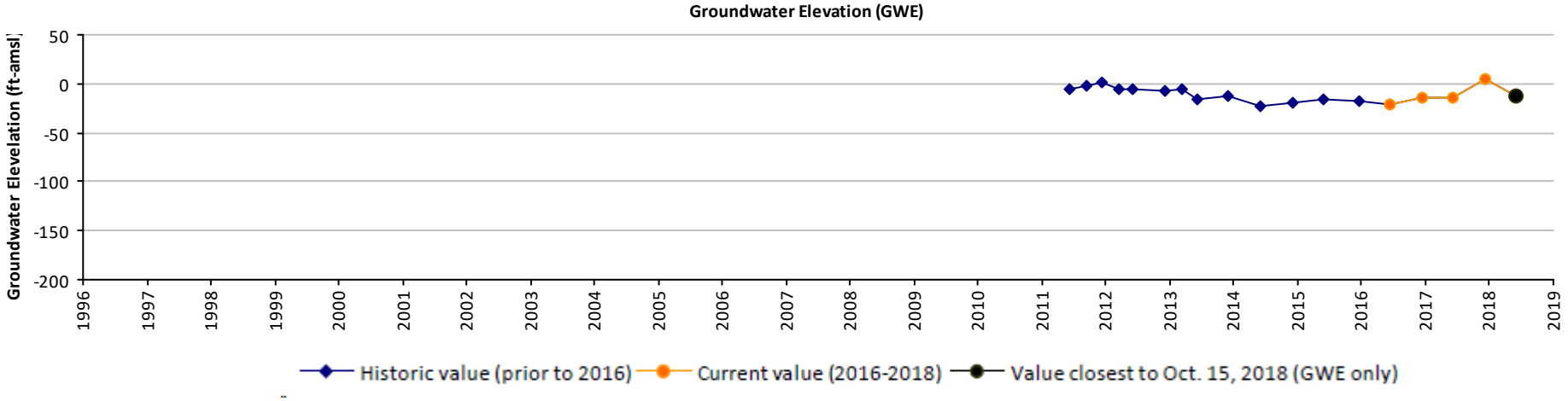

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

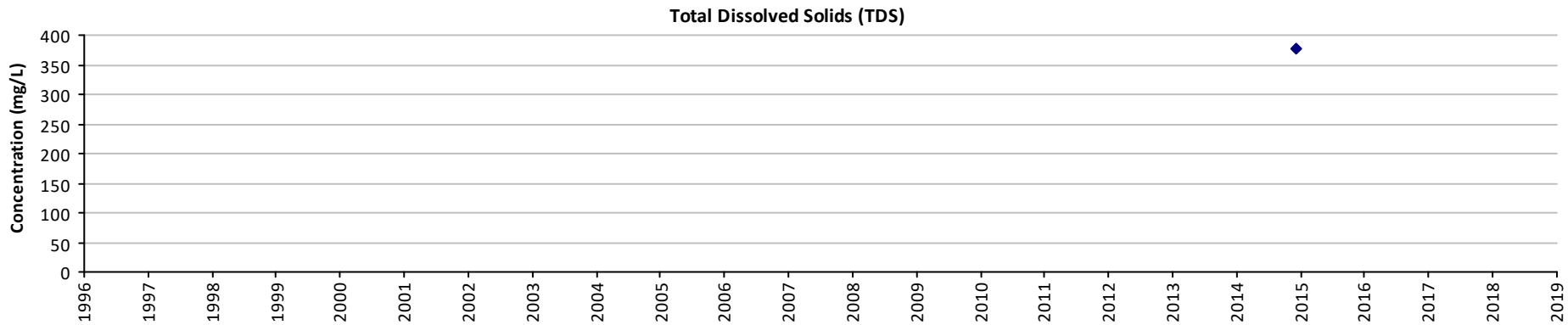

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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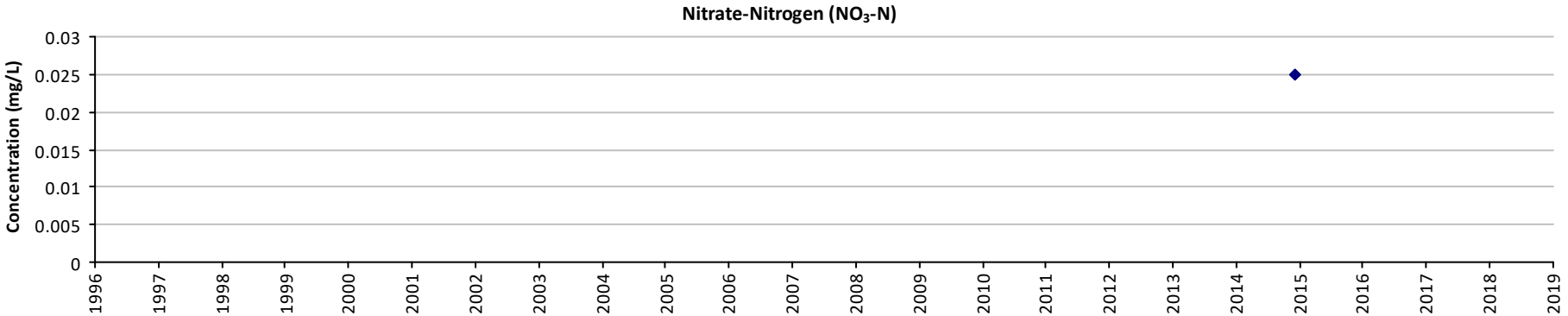
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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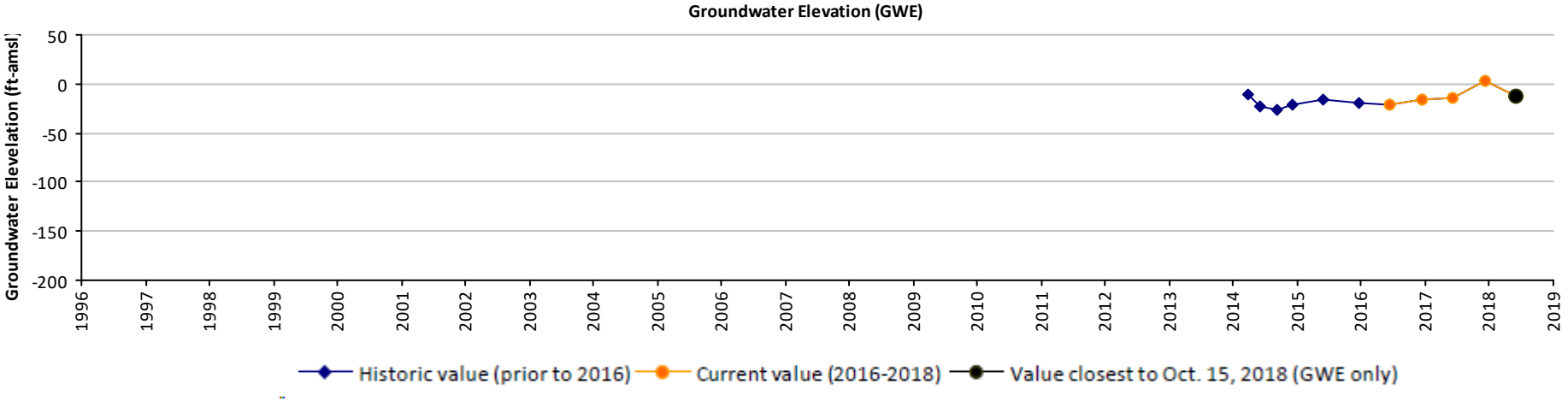
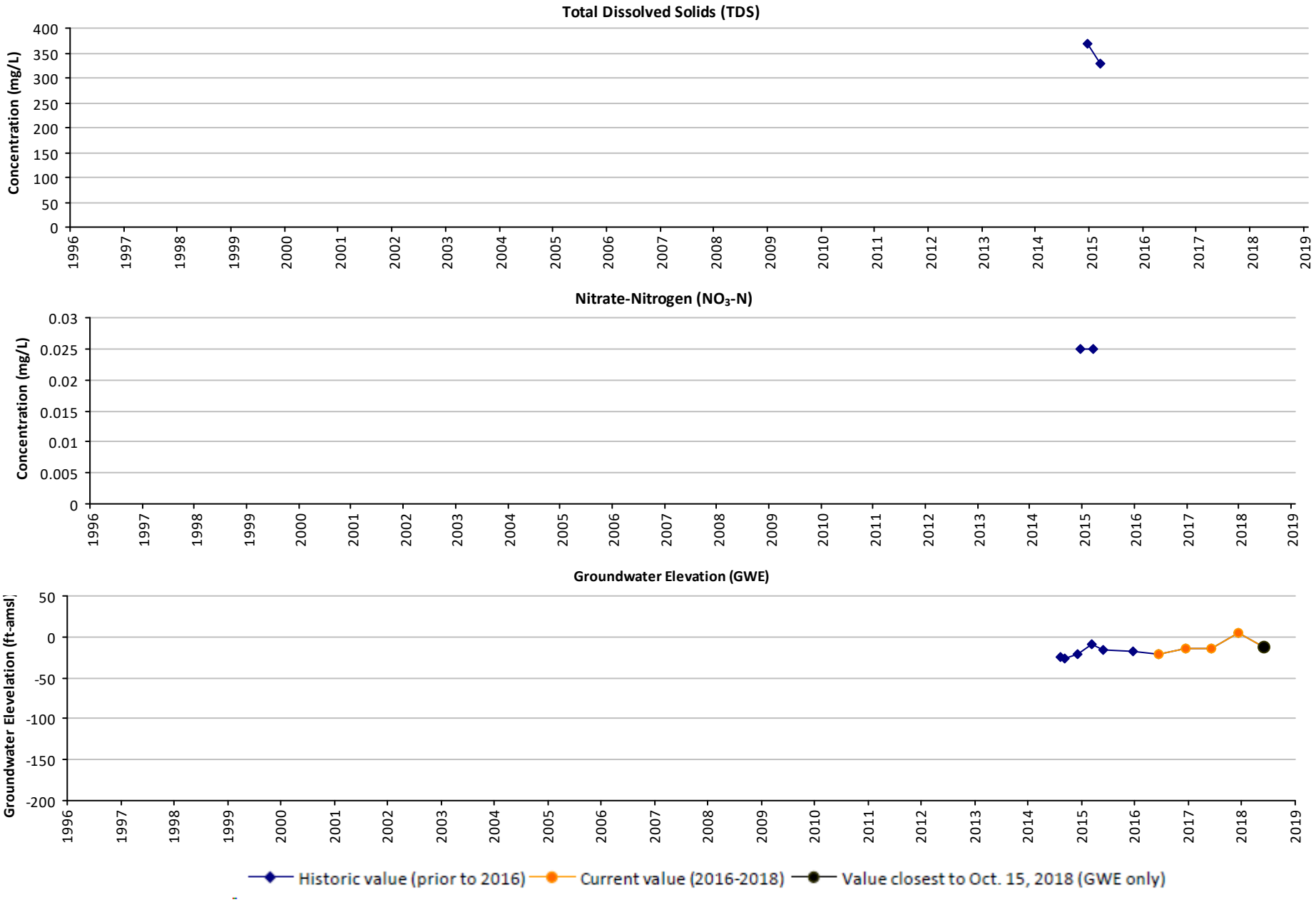
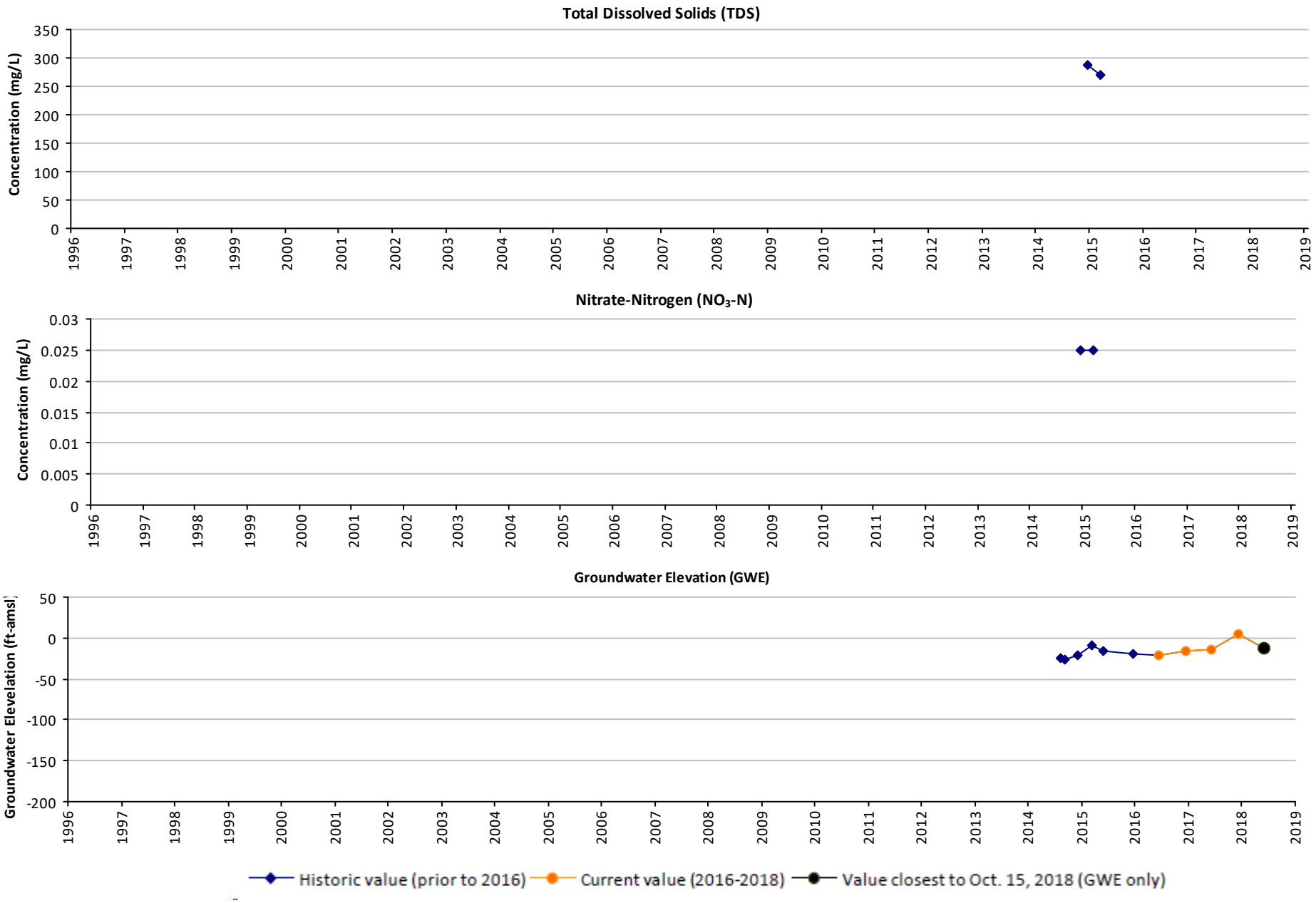
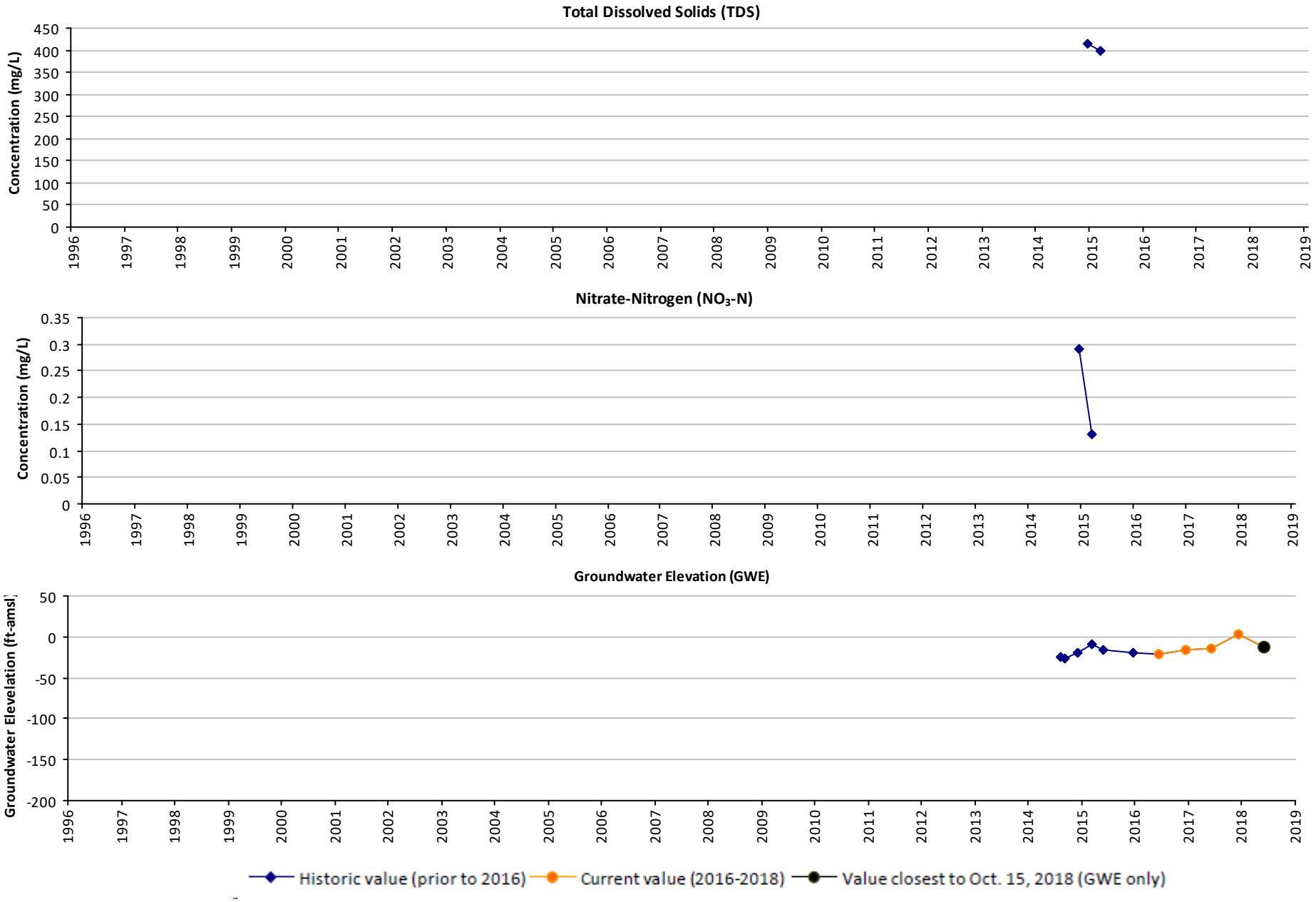
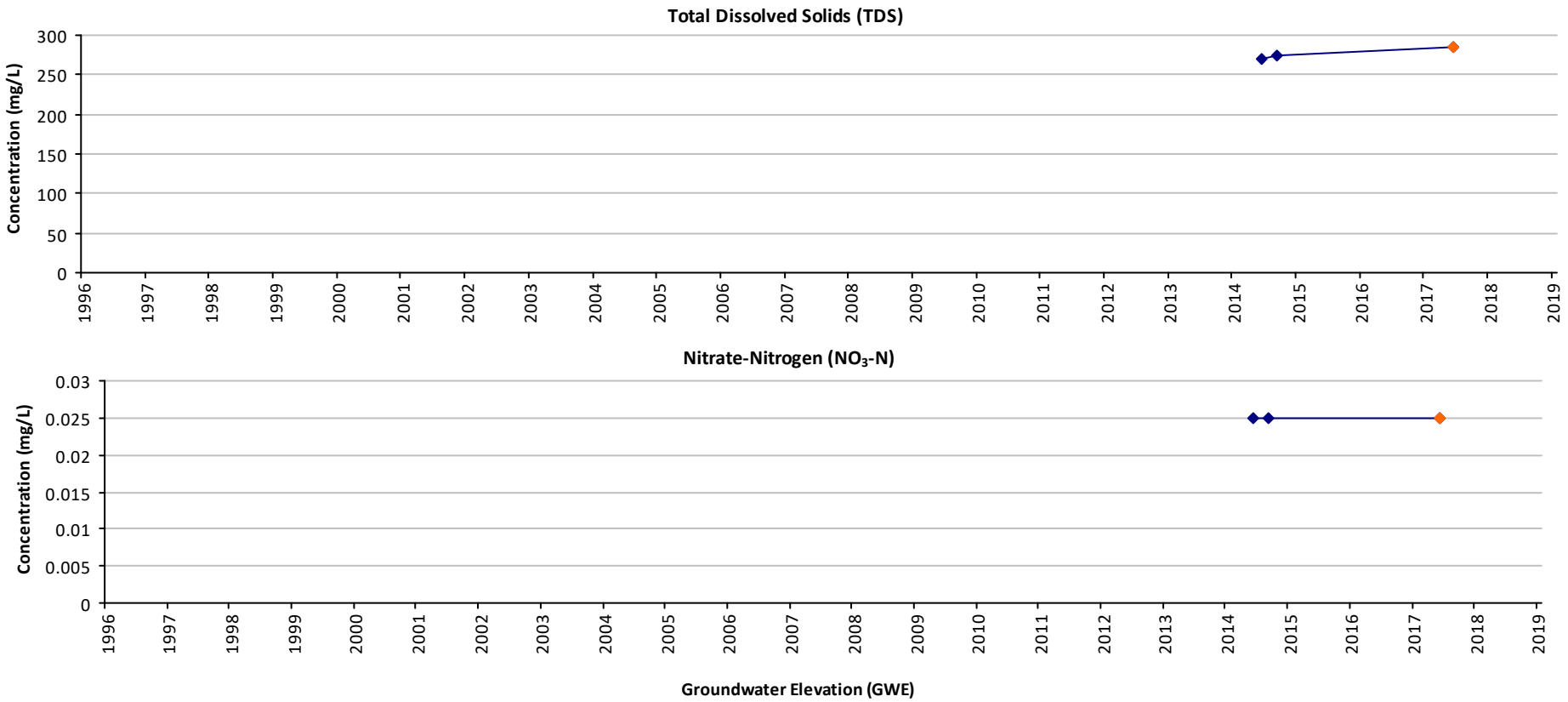
2011
2012
2013
2014
2015
2016
2017
2018
2019

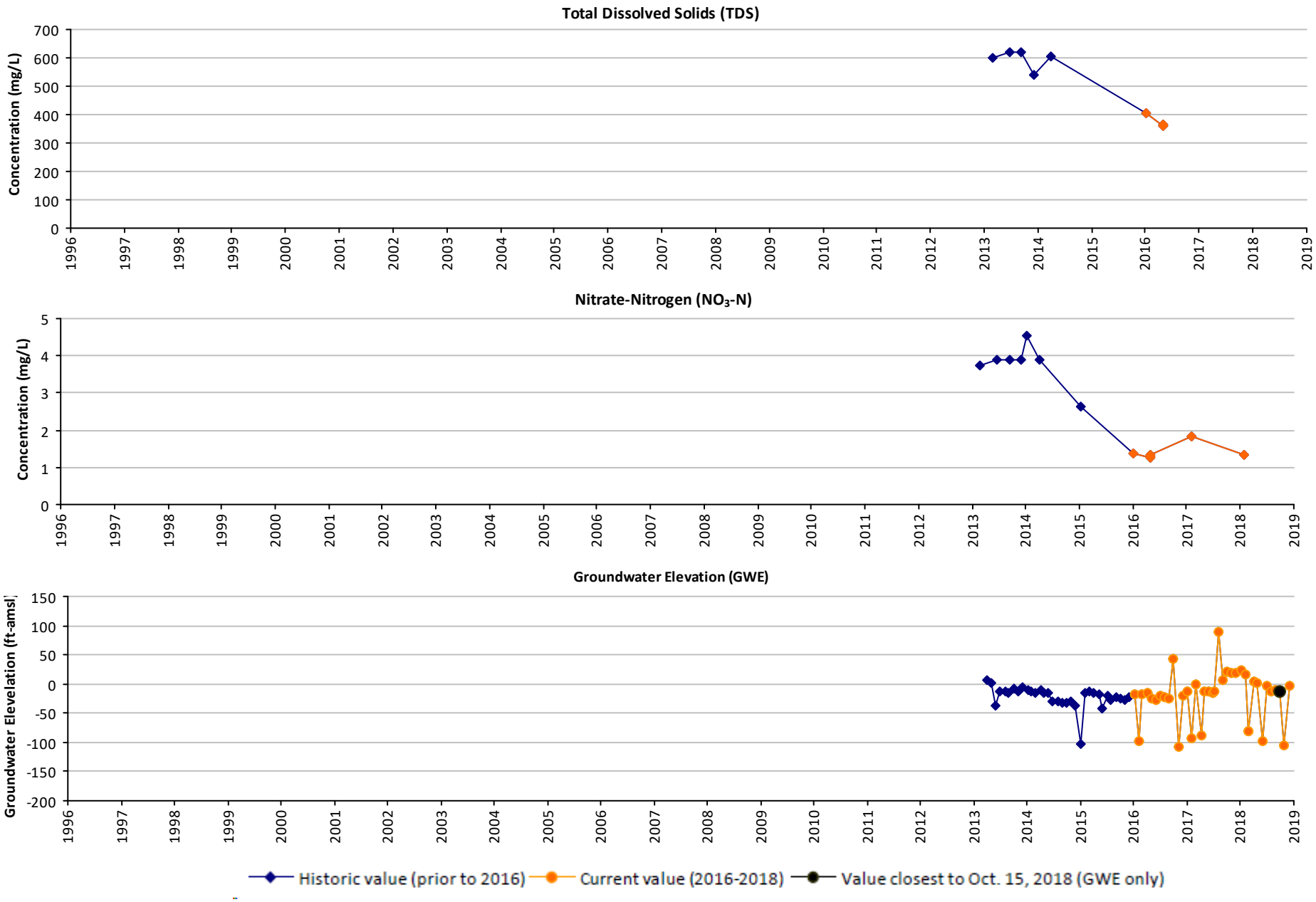

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

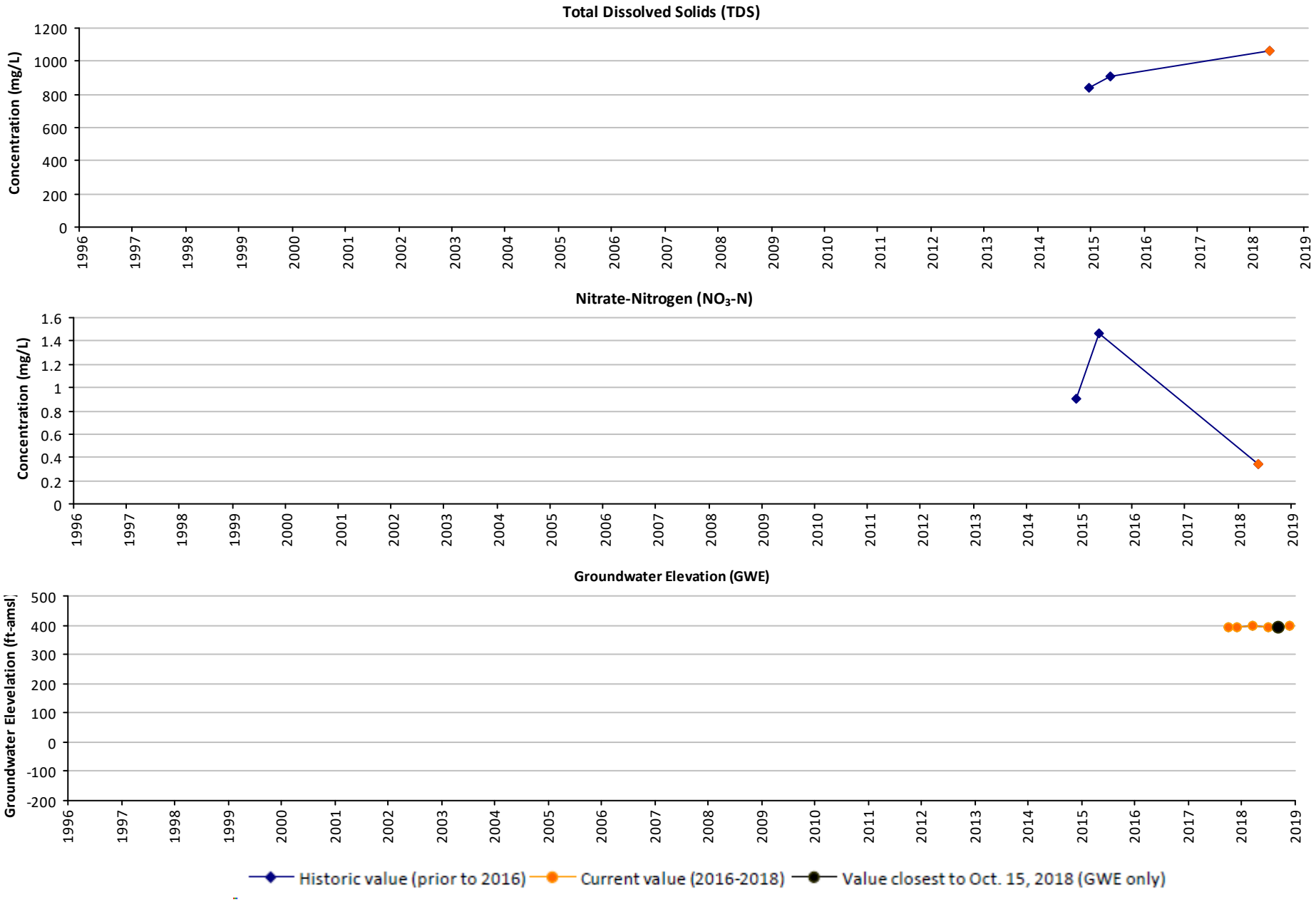

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

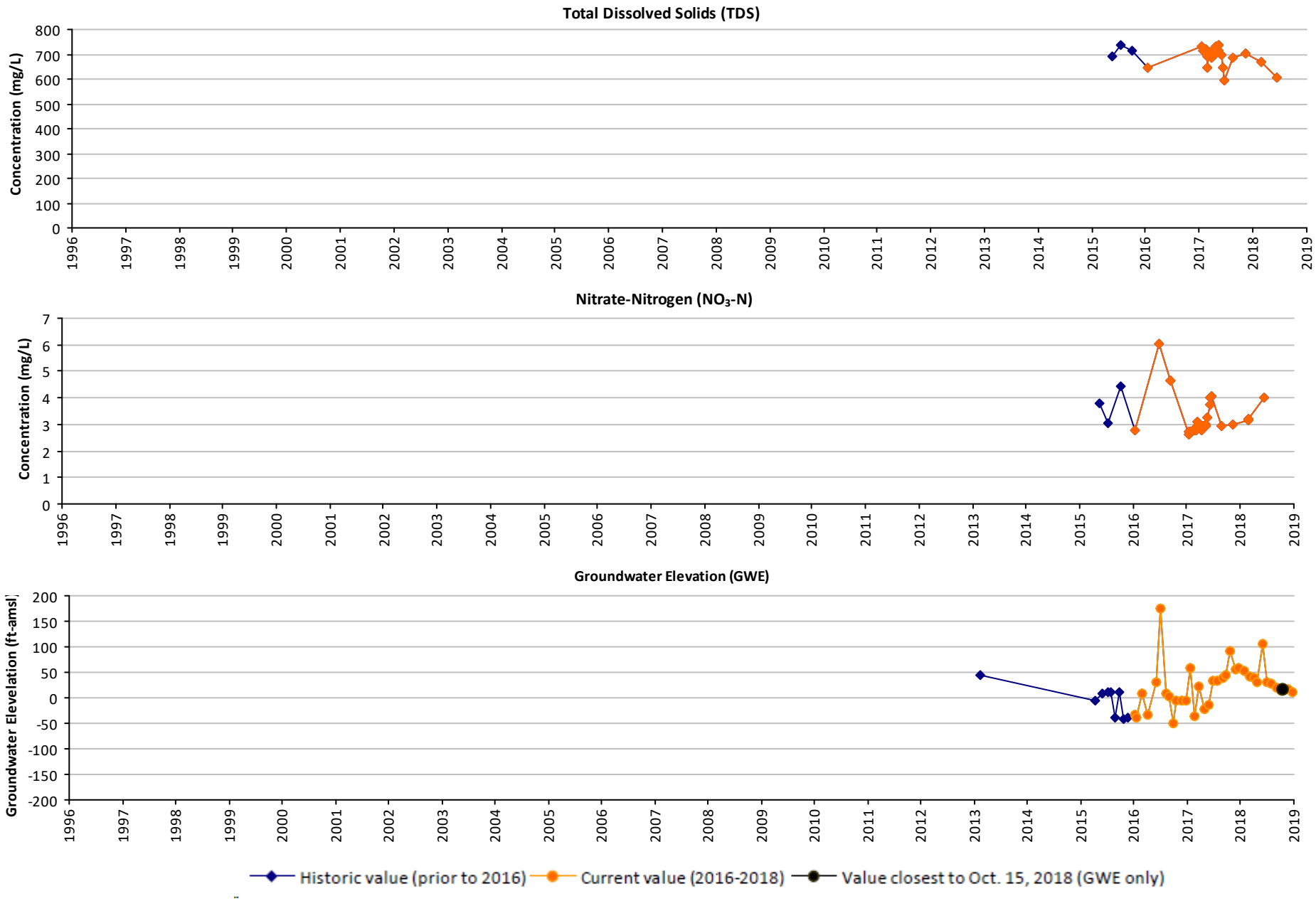

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

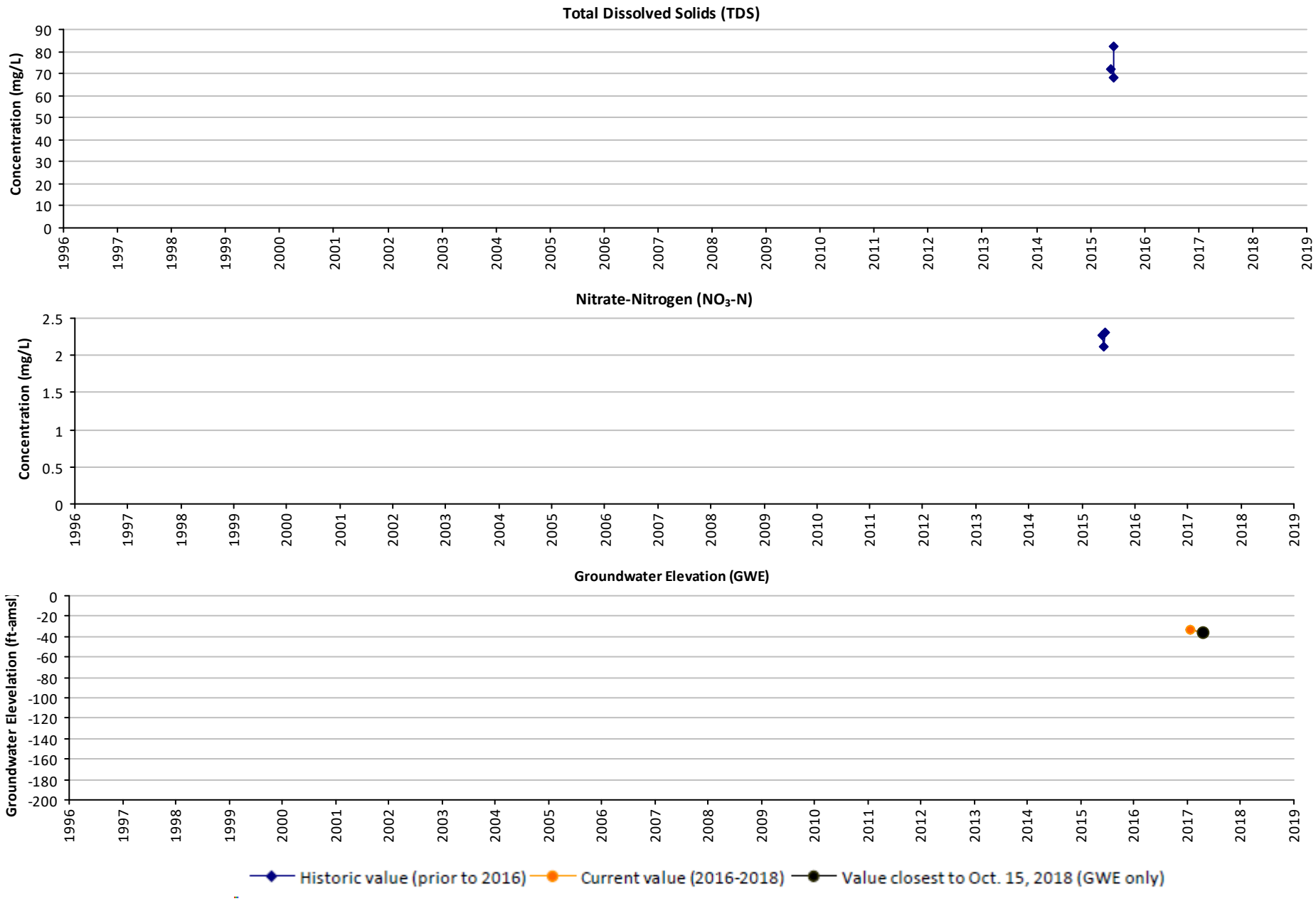

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

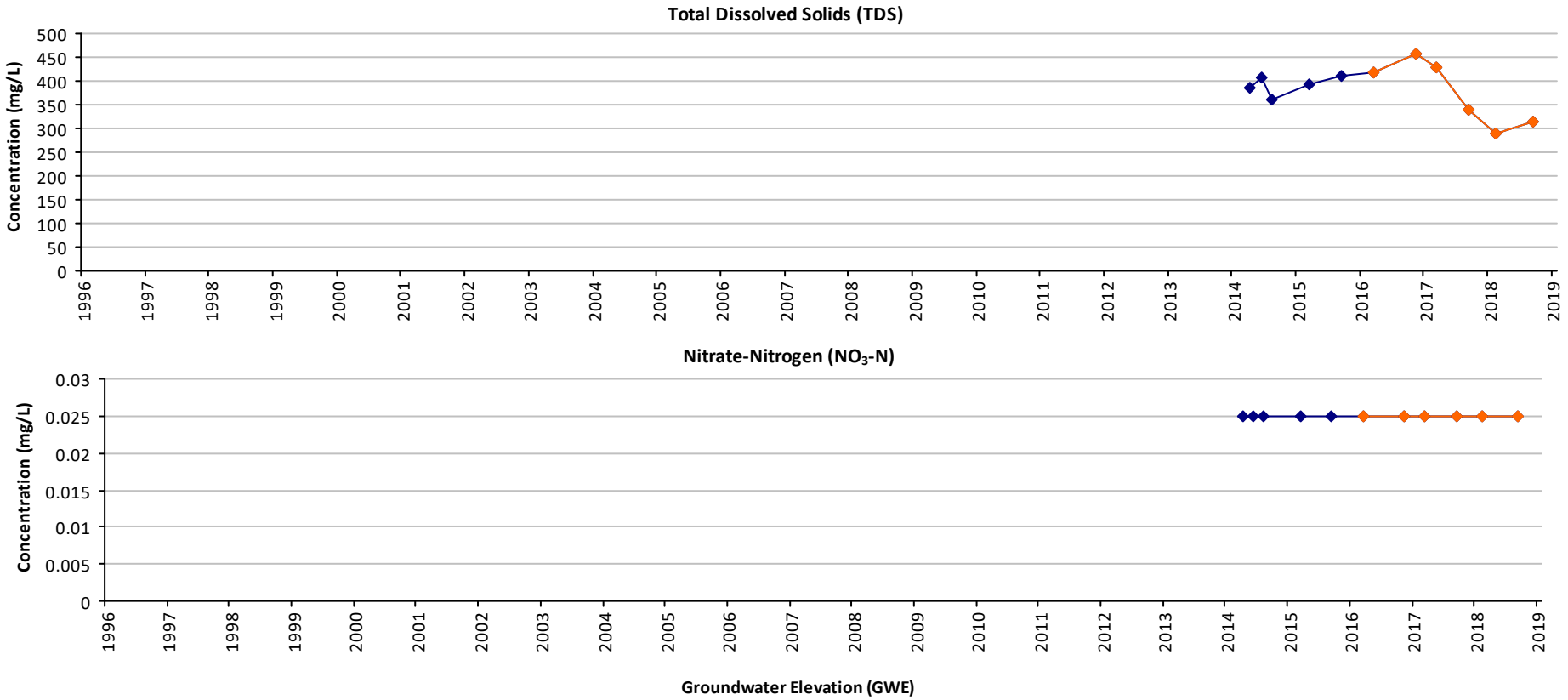

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

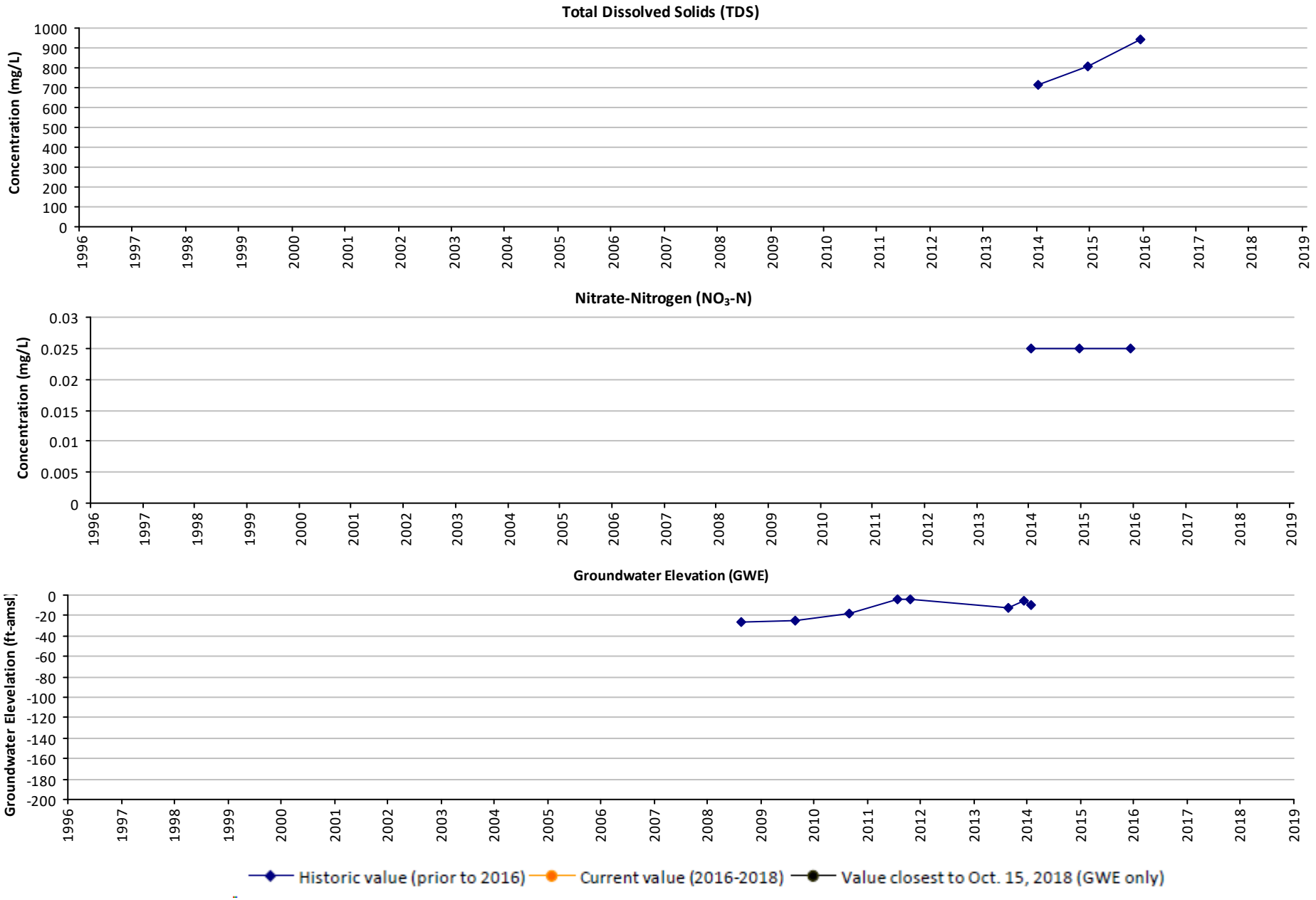

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

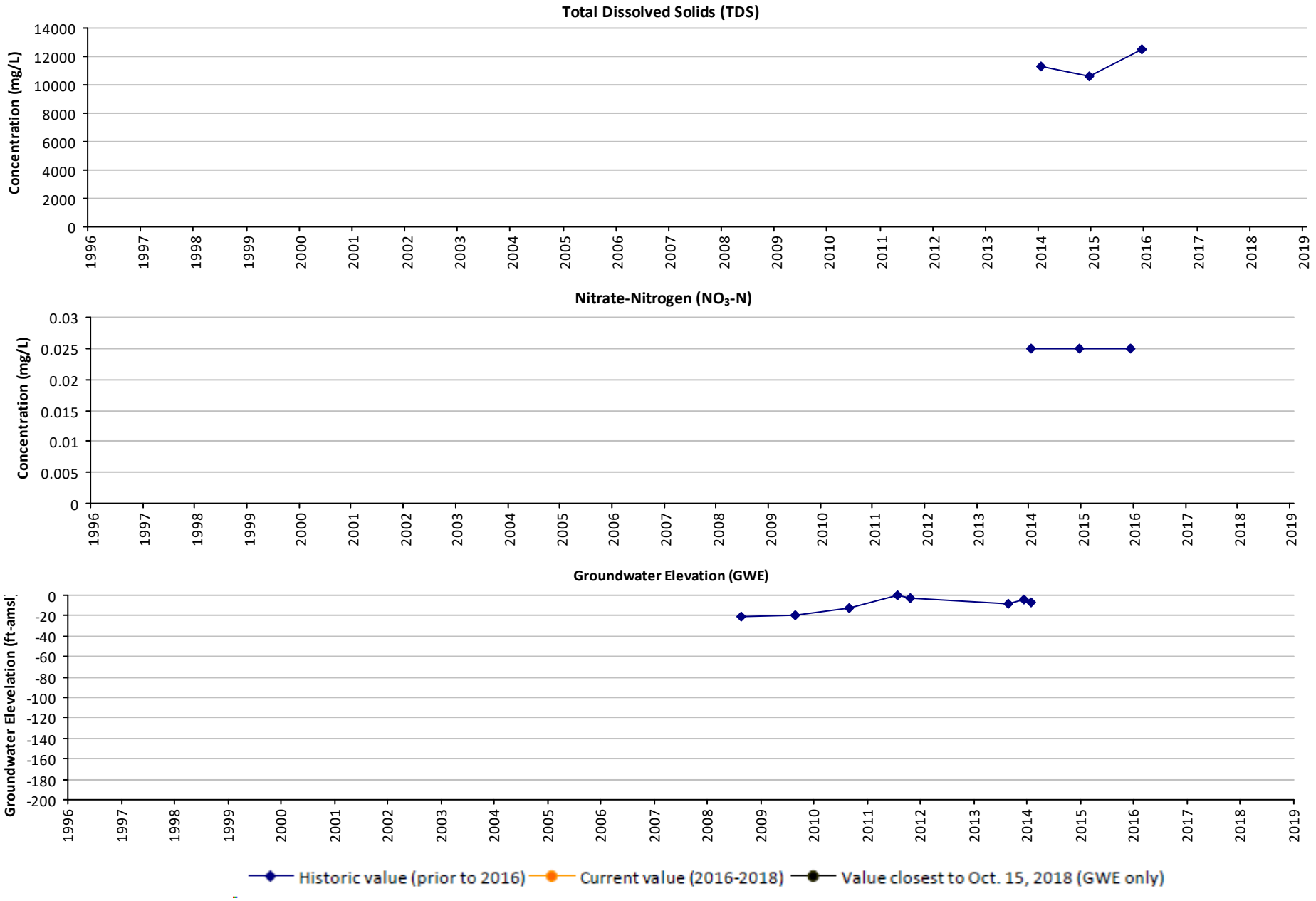

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-100
0
100
200
300
400
500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

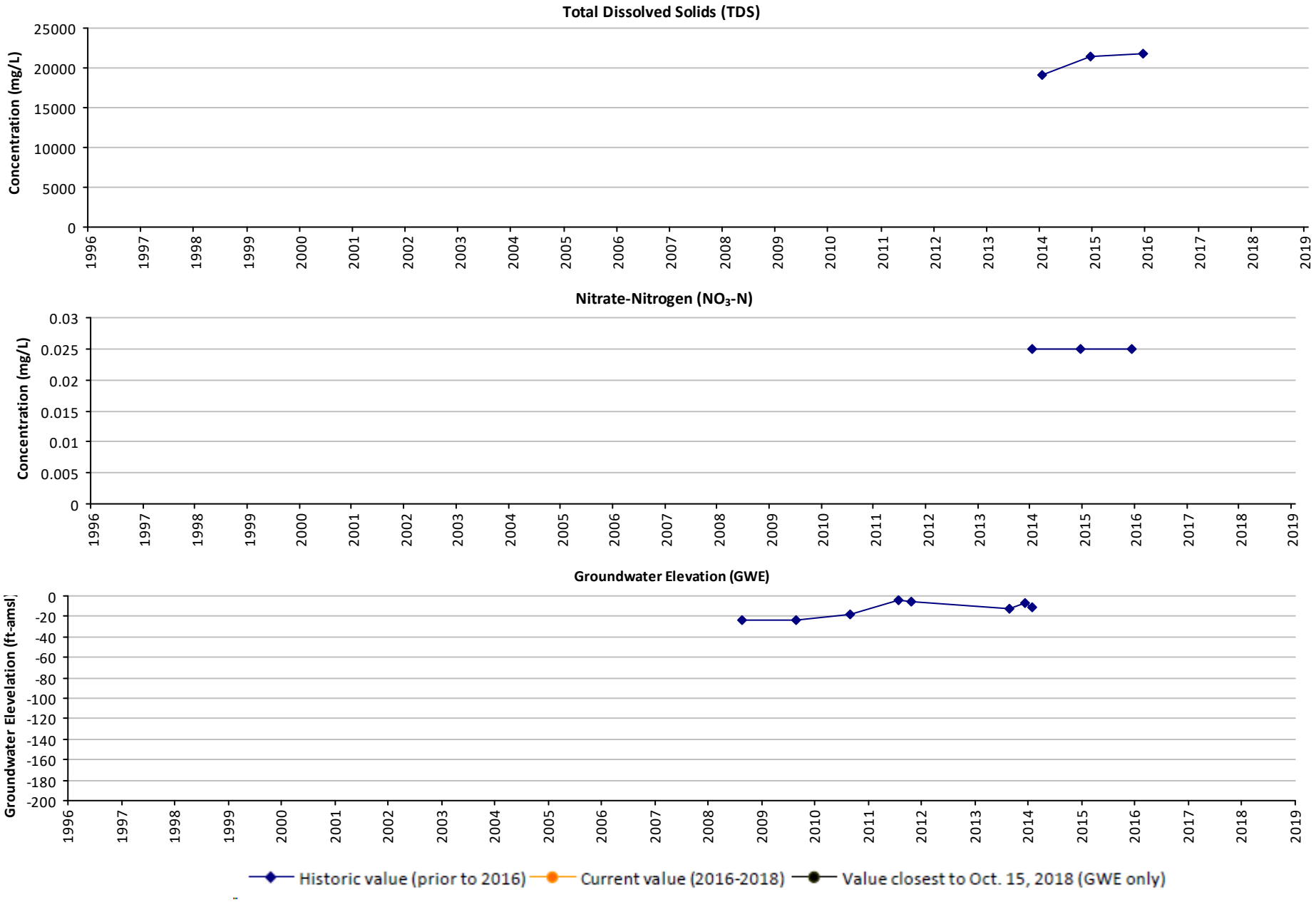

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

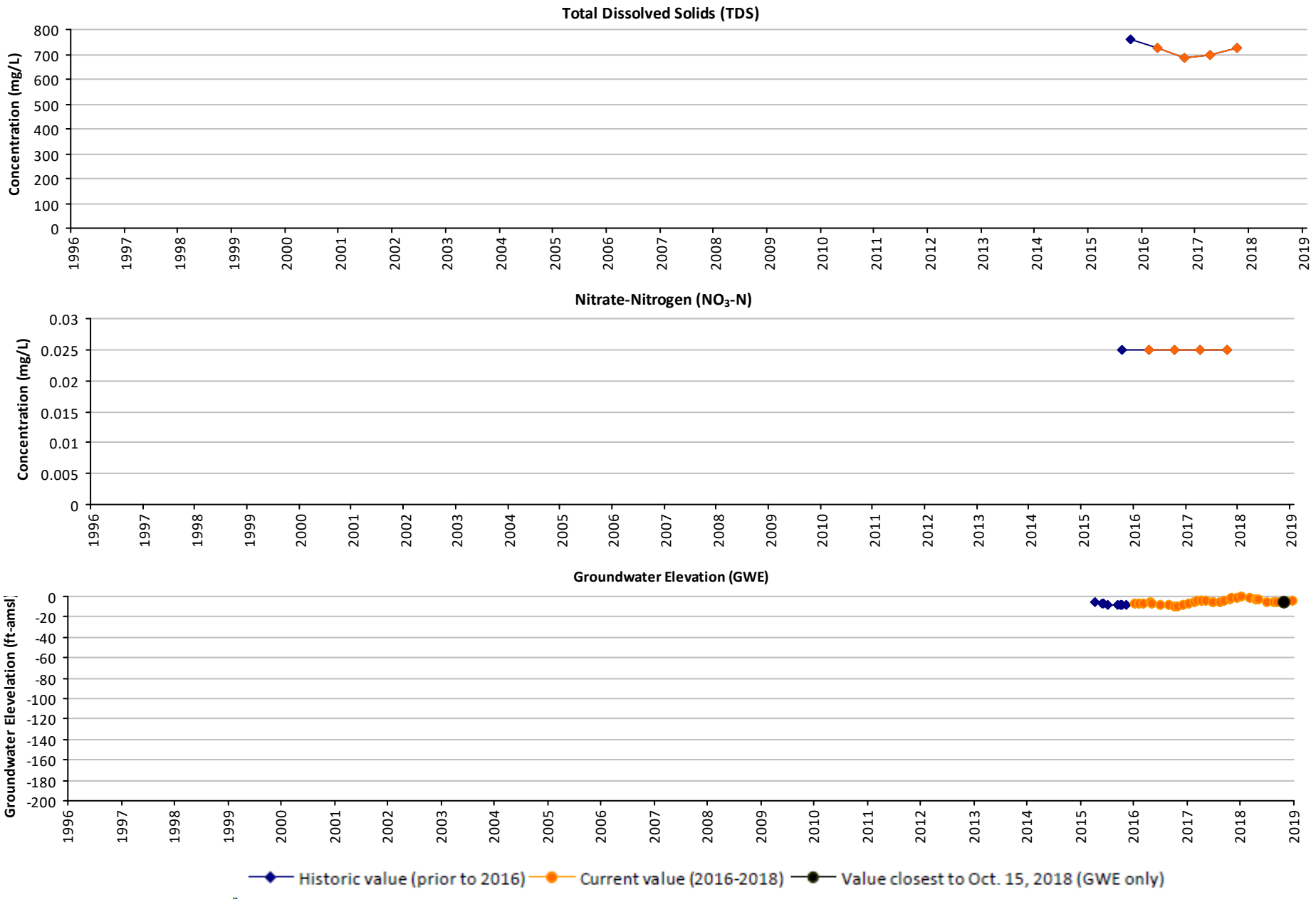

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
90
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

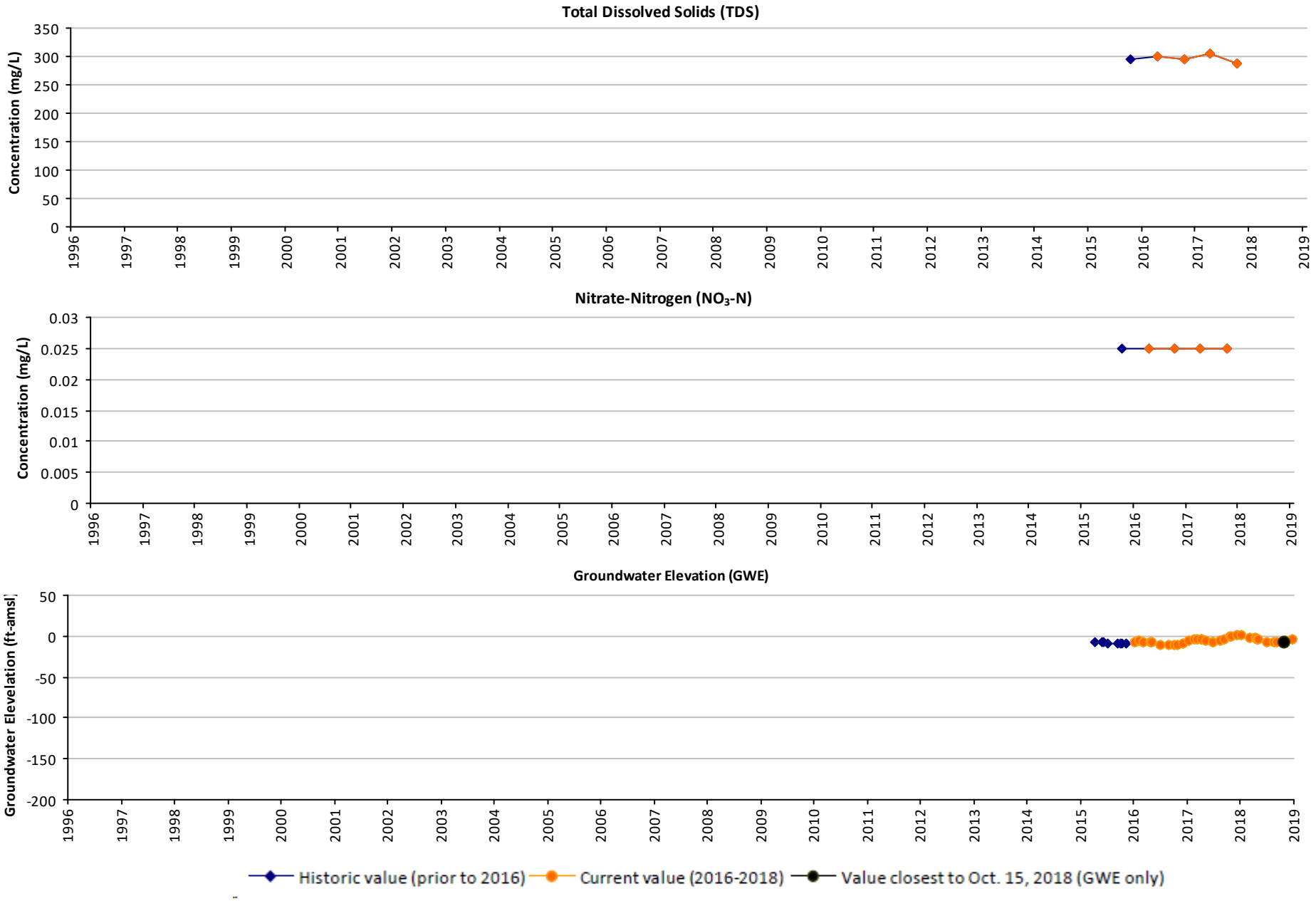

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

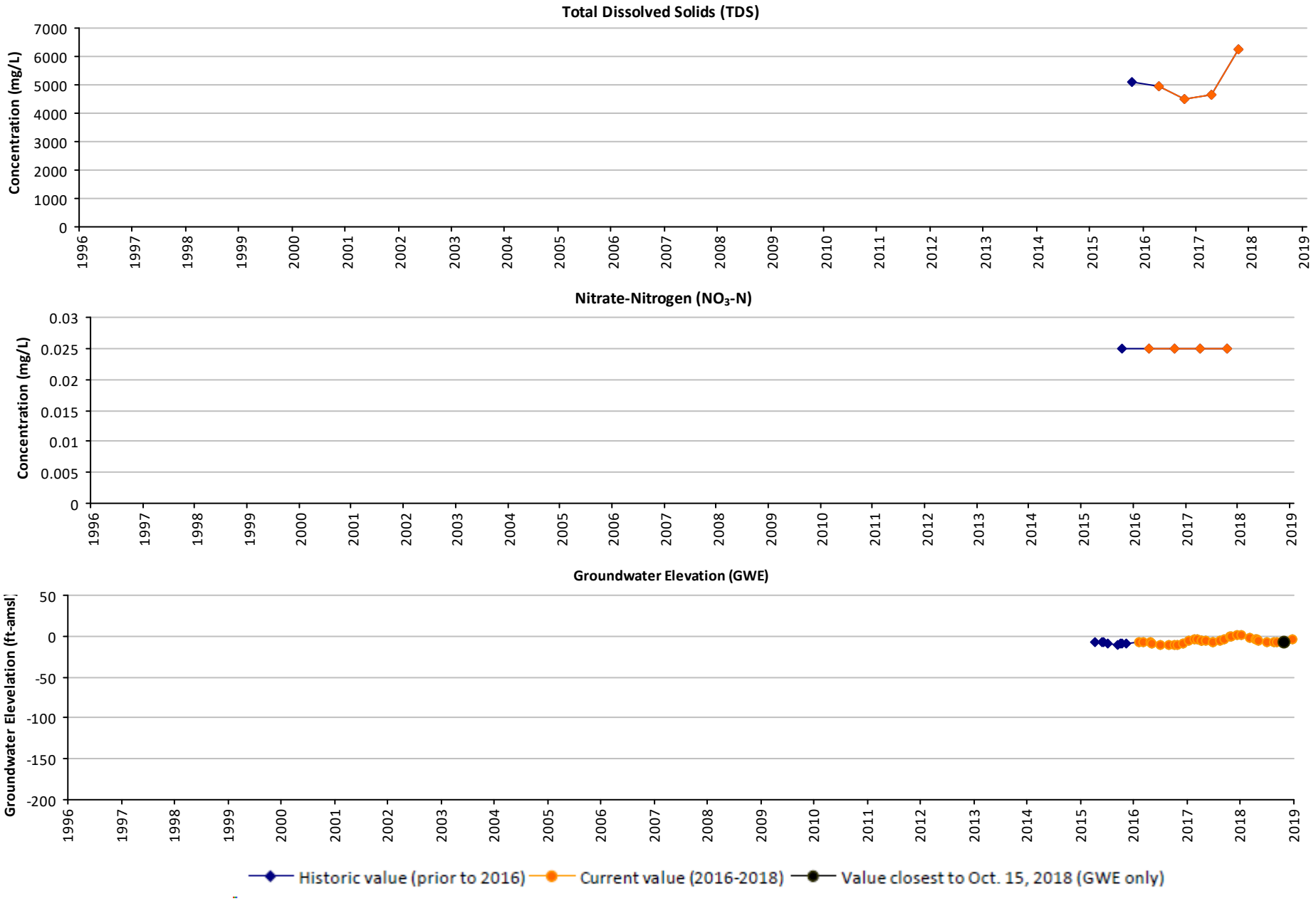

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

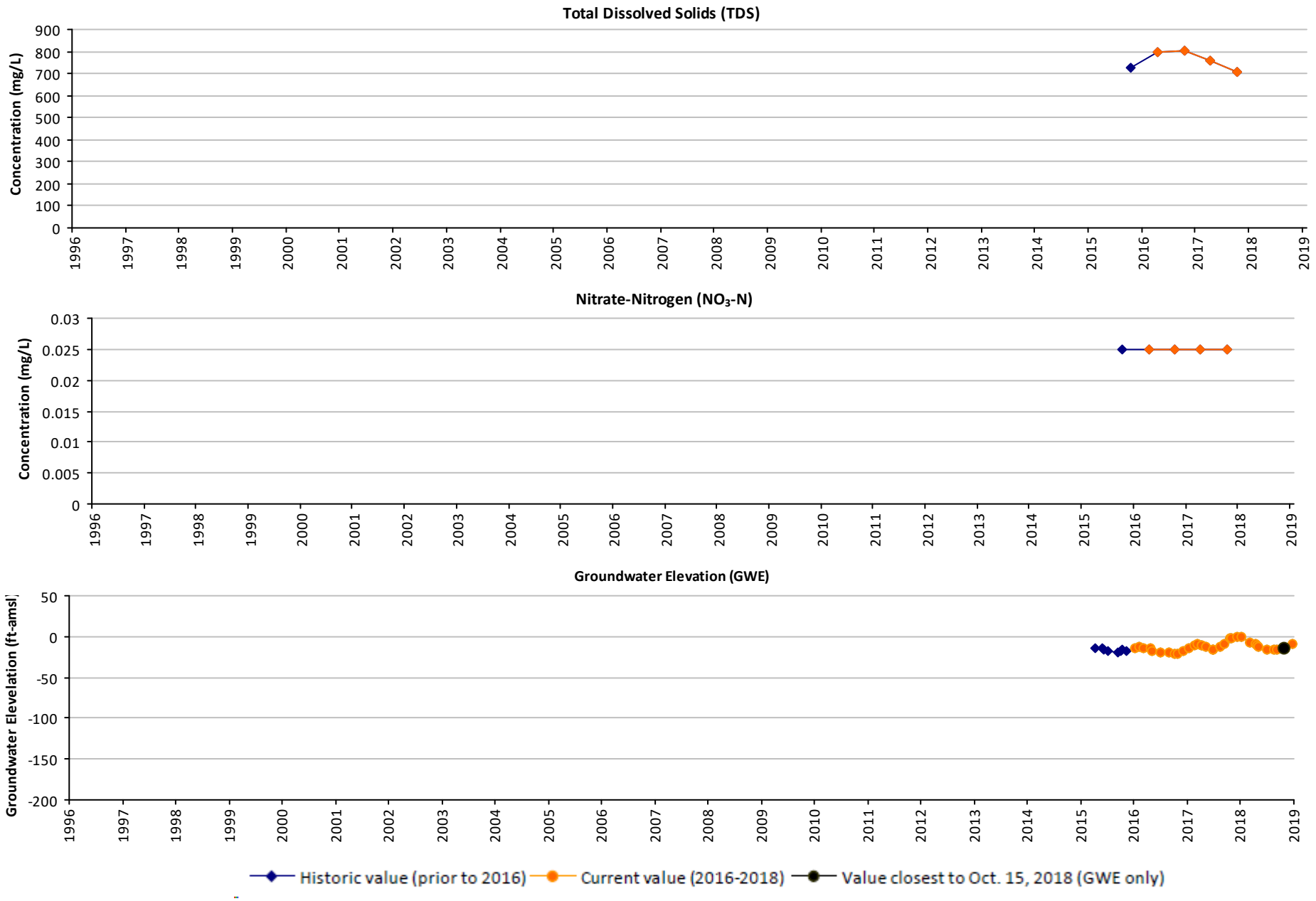

Total Dissolved Solids (TDS)
Concentration (mg/L)
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

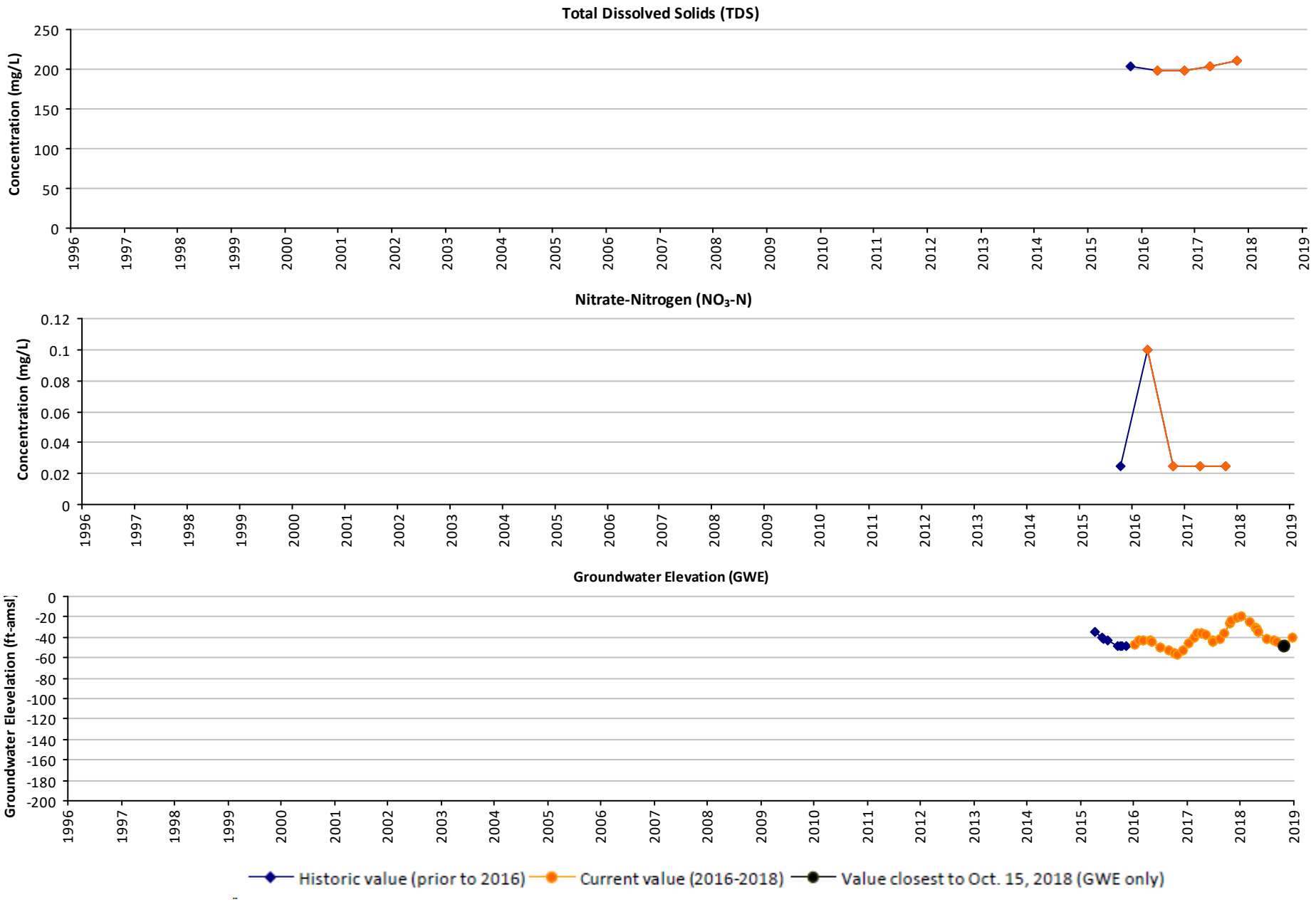

Total Dissolved Solids (TDS)
Concentration (mg/L)
25000
20000
15000
10000
5000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

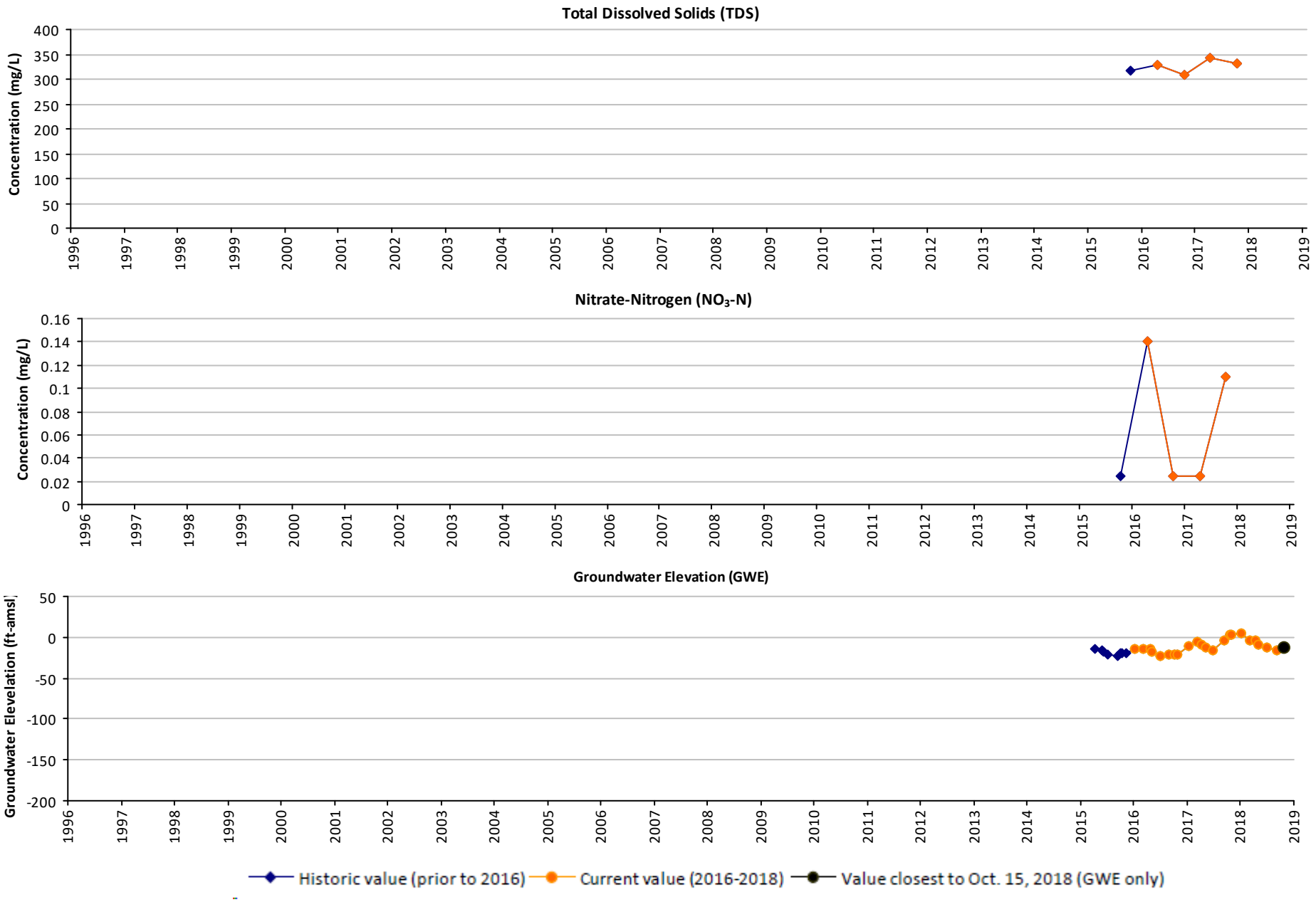

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

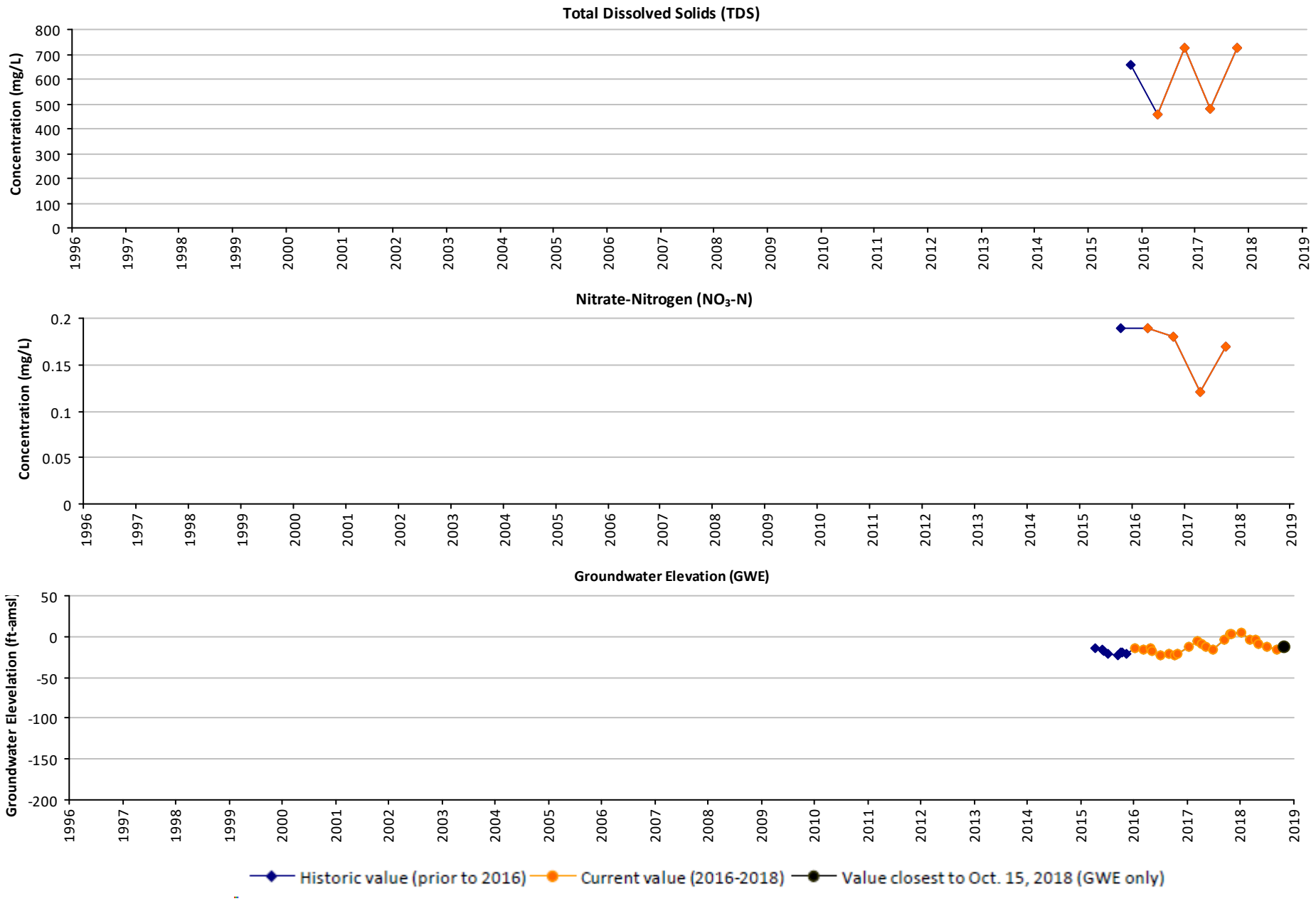

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

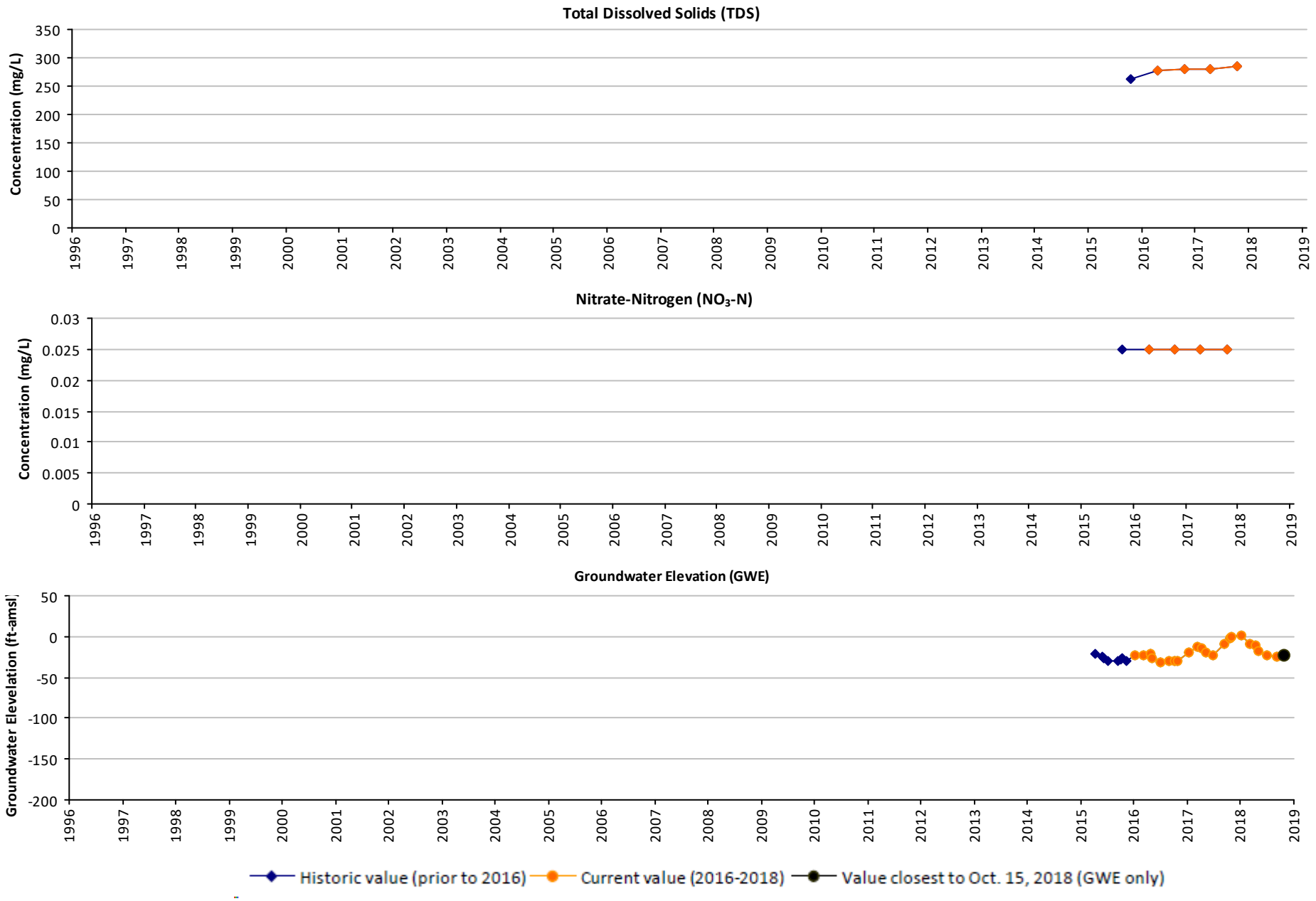

Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

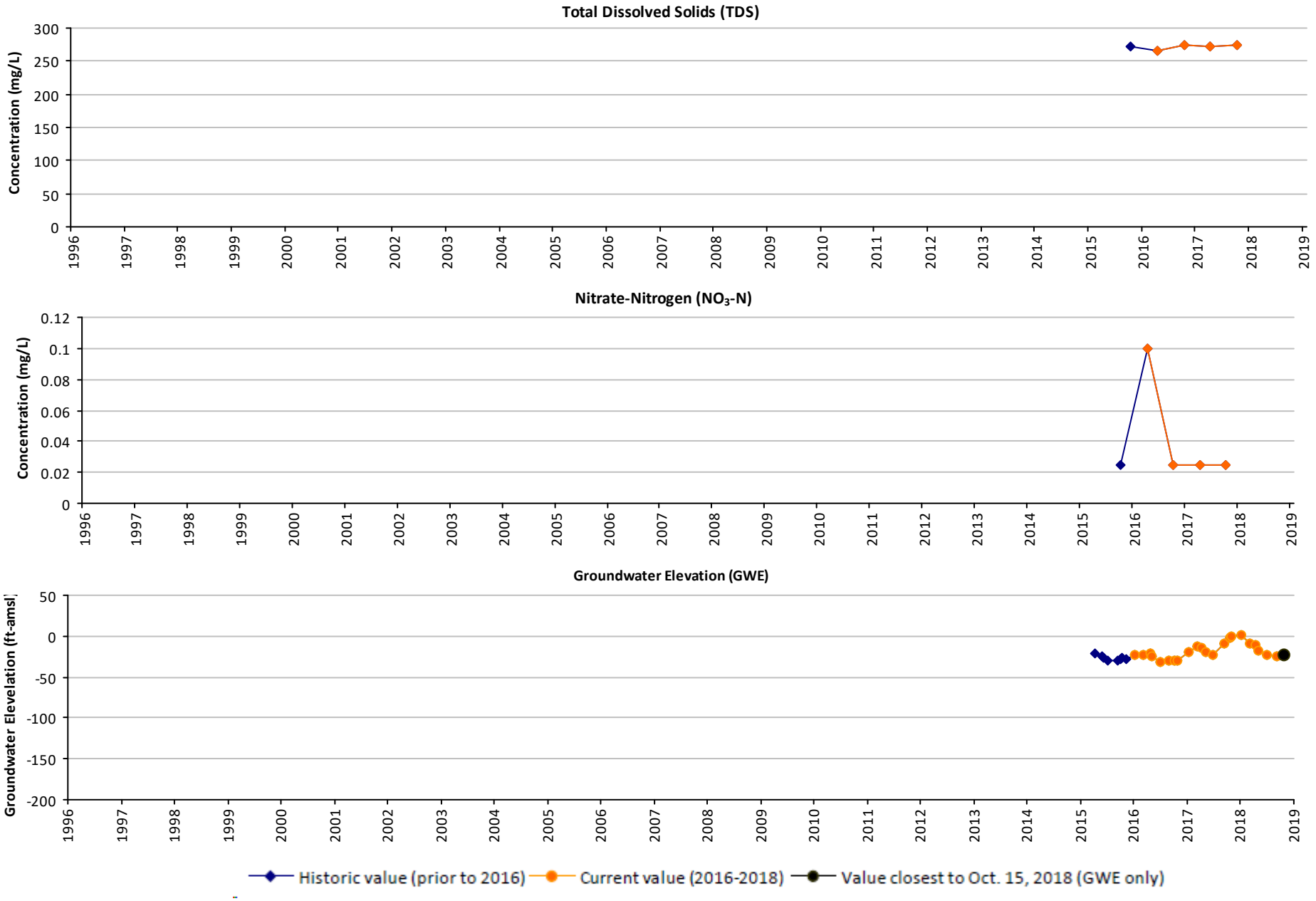

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

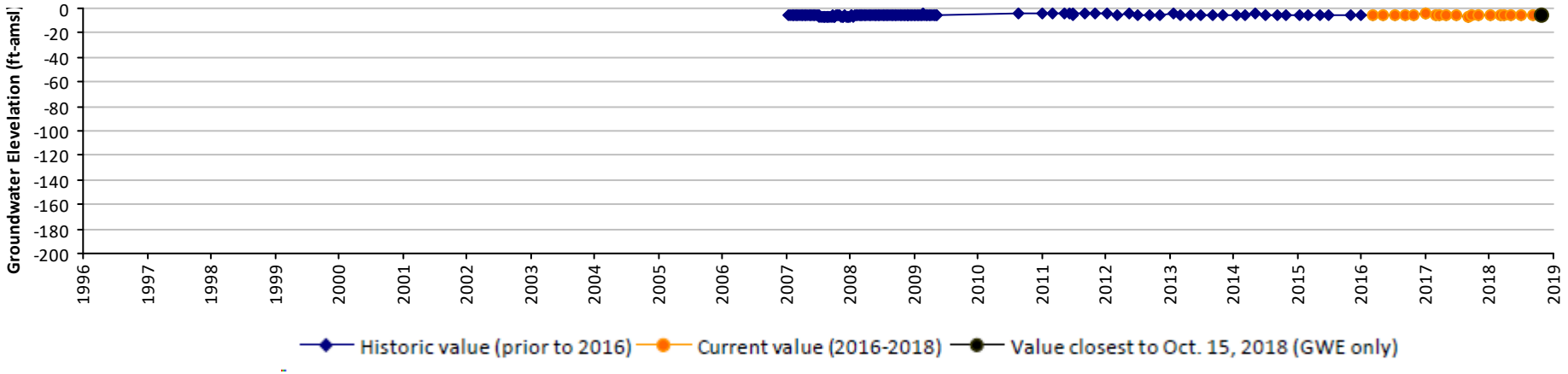

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

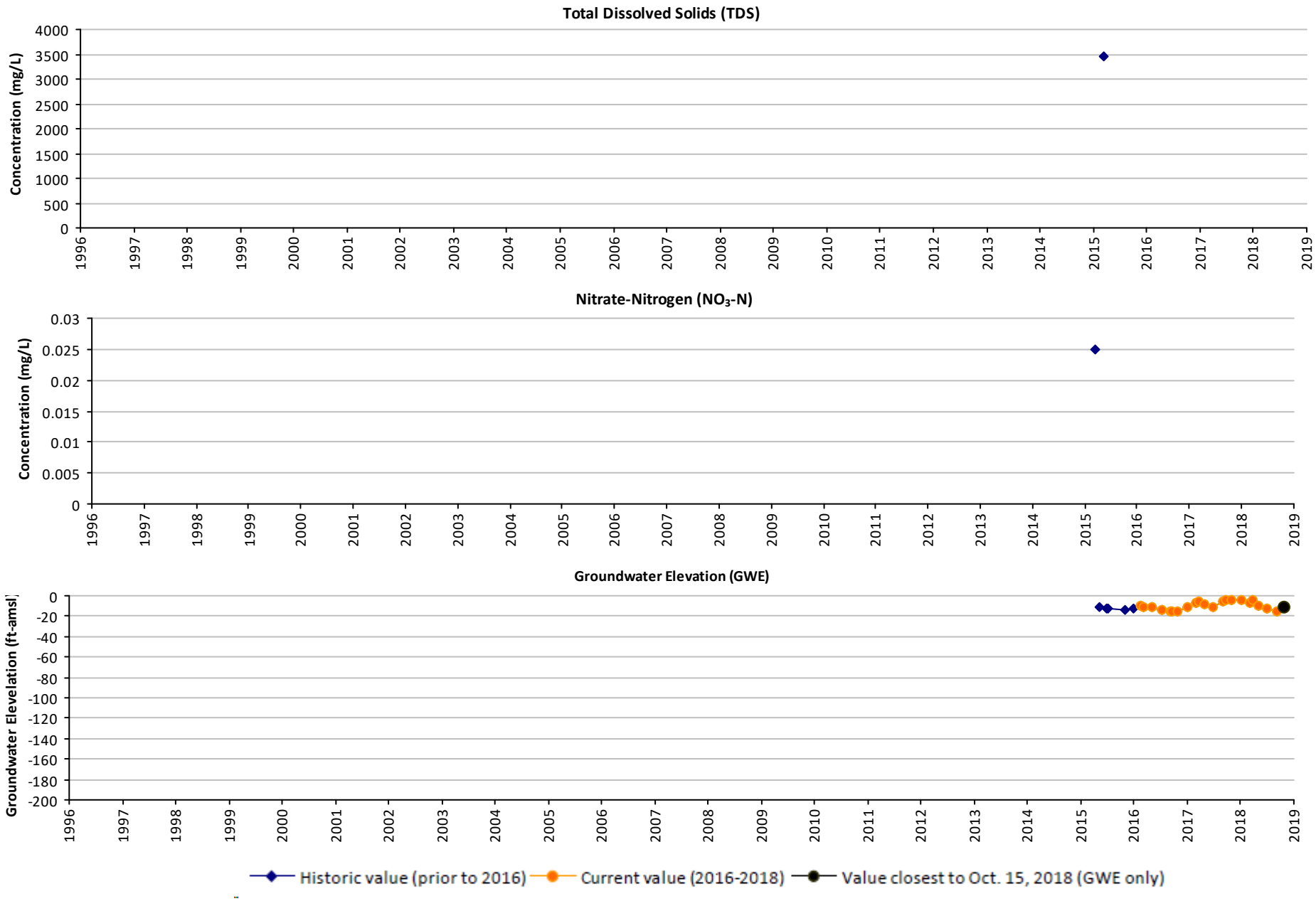

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

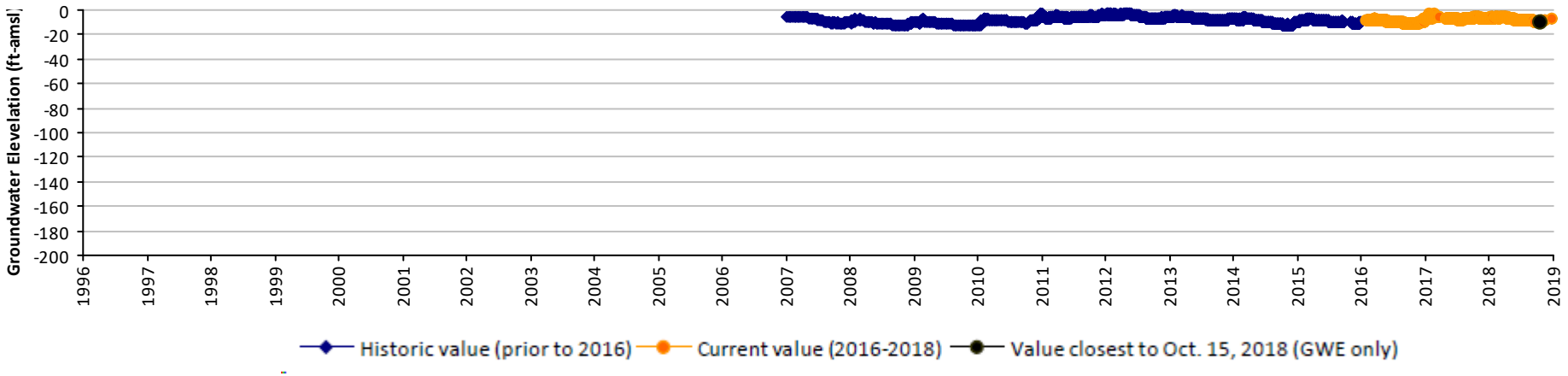


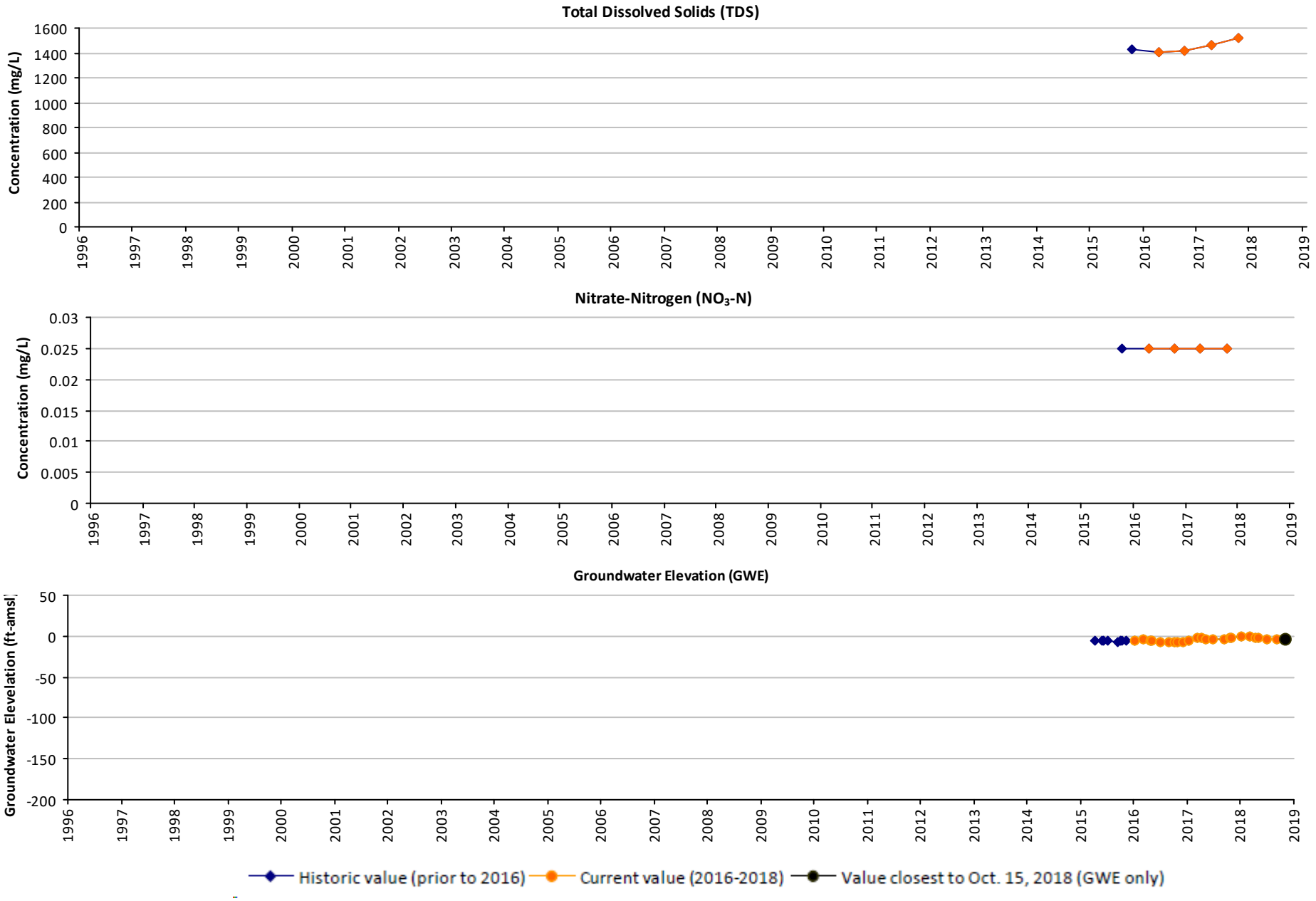

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

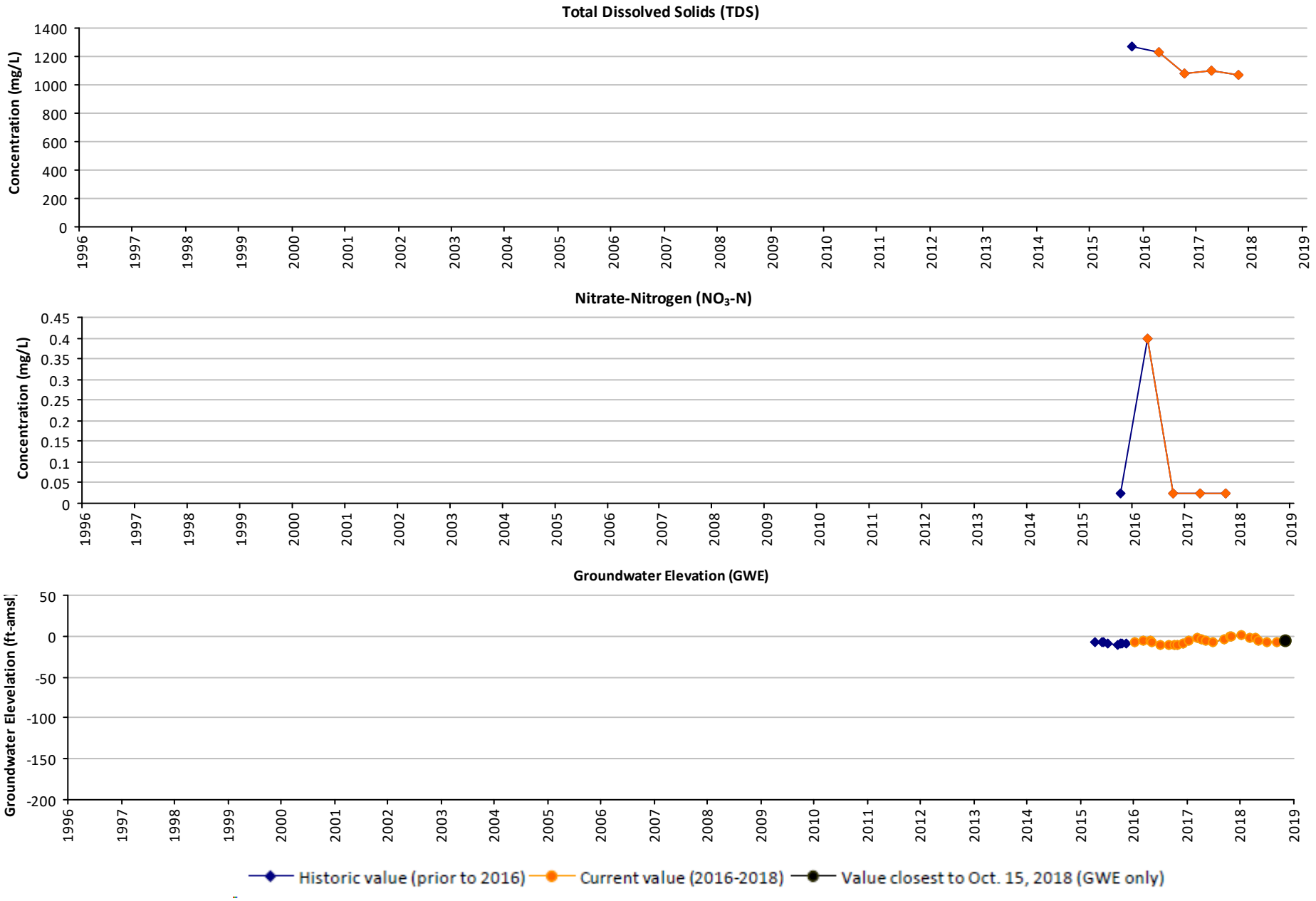
Total Dissolved Solids (TDS)

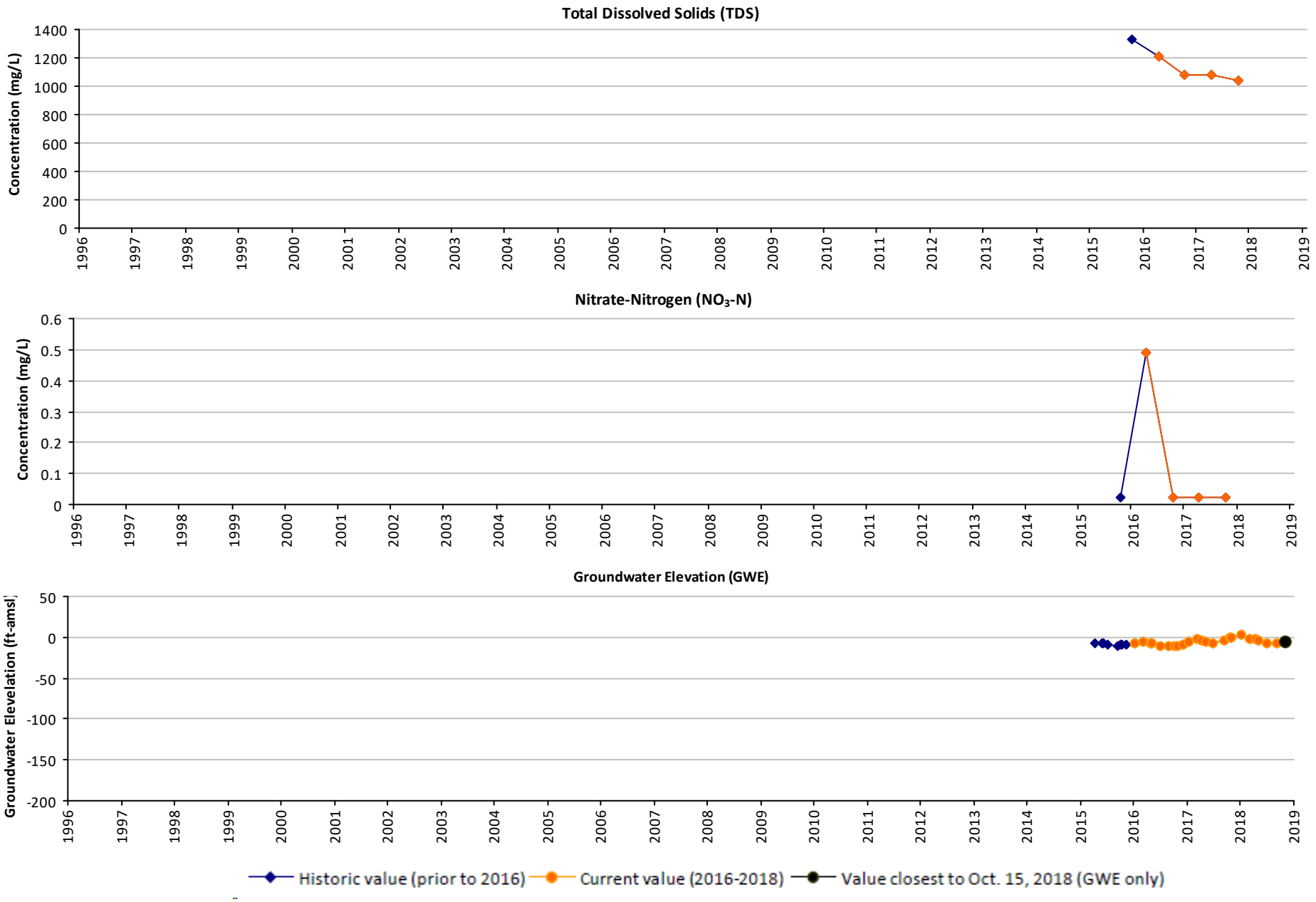
Nitrate-Nitrogen (NO_3-N)

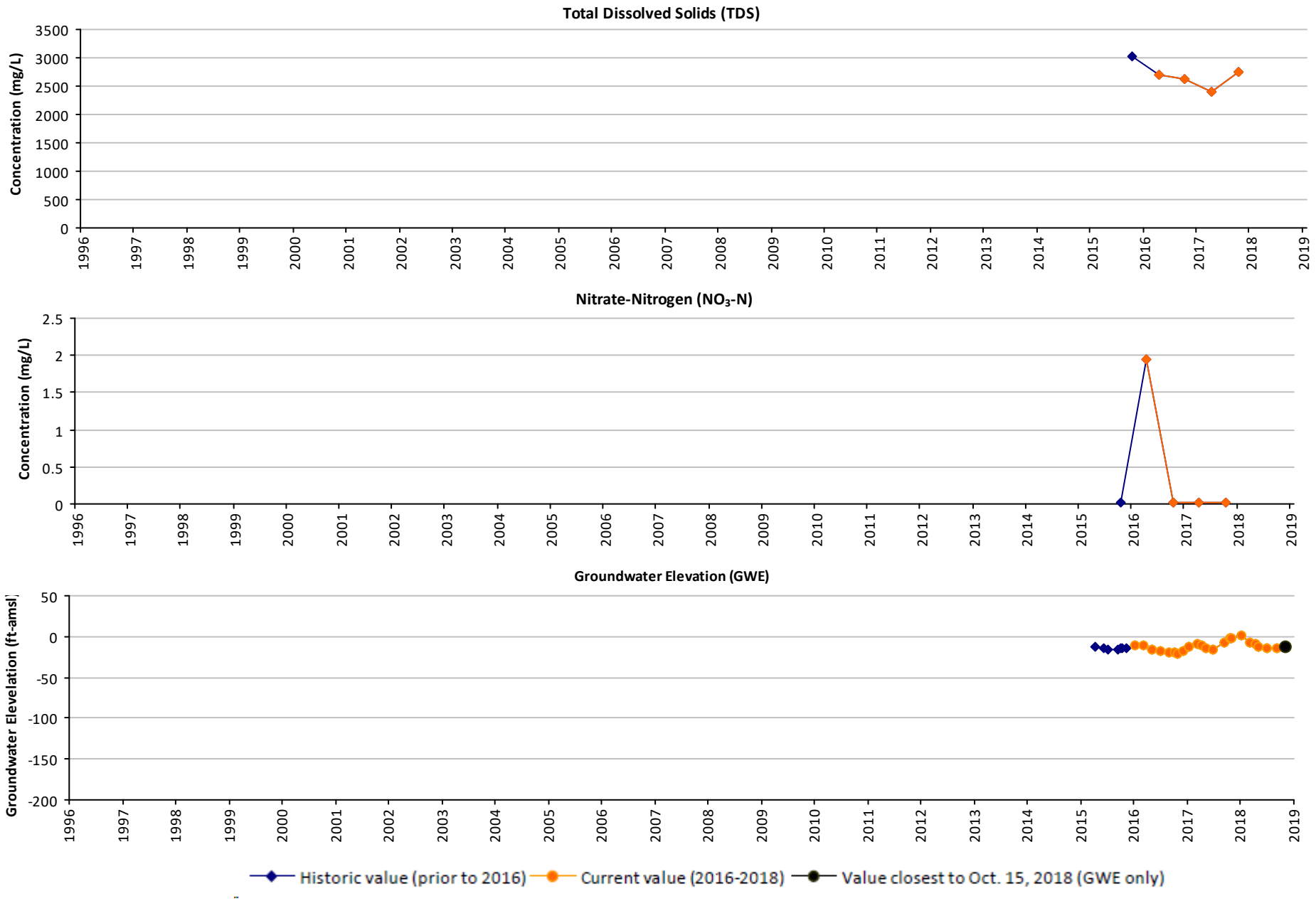
Groundwater Elevation (GWE)

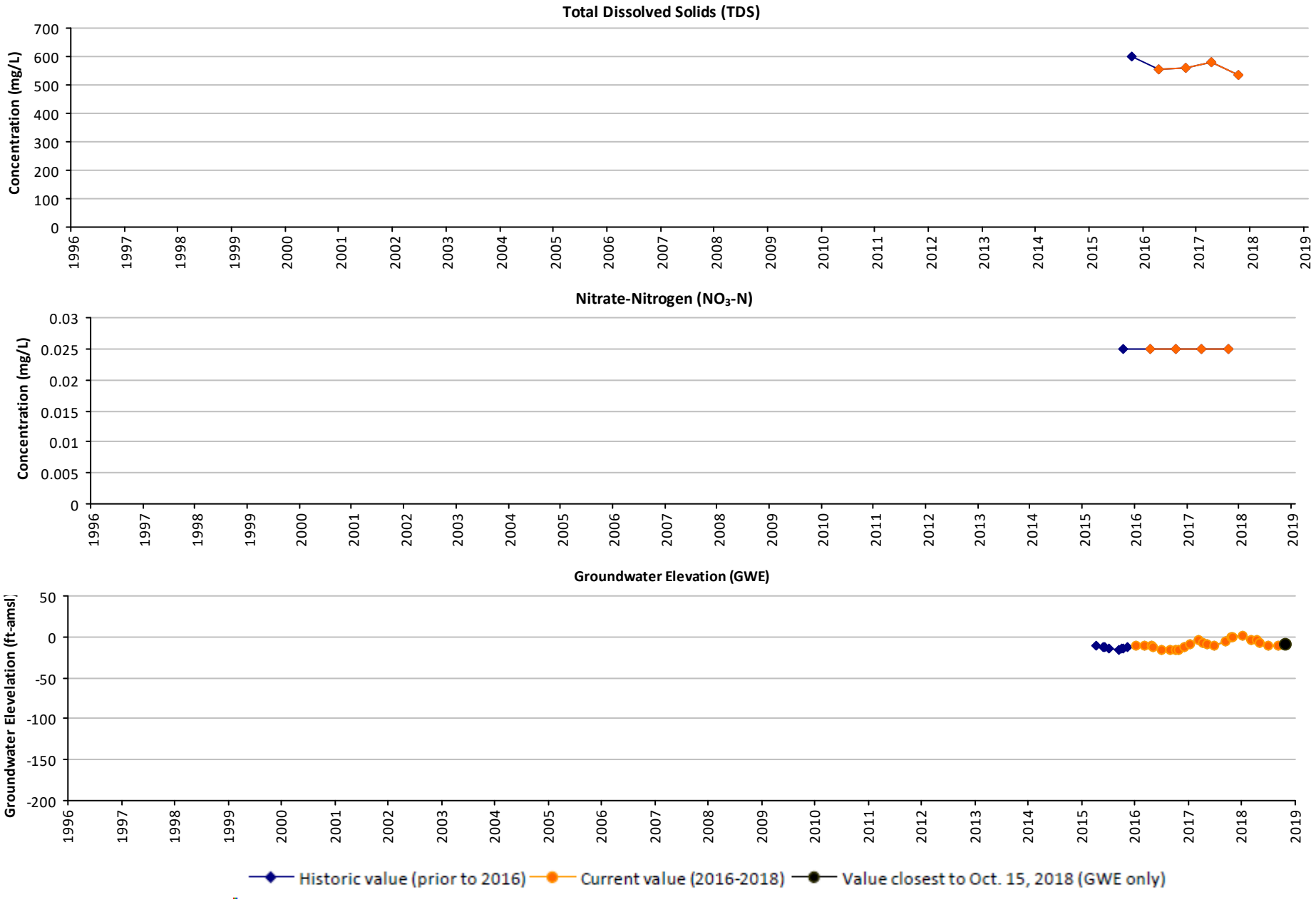


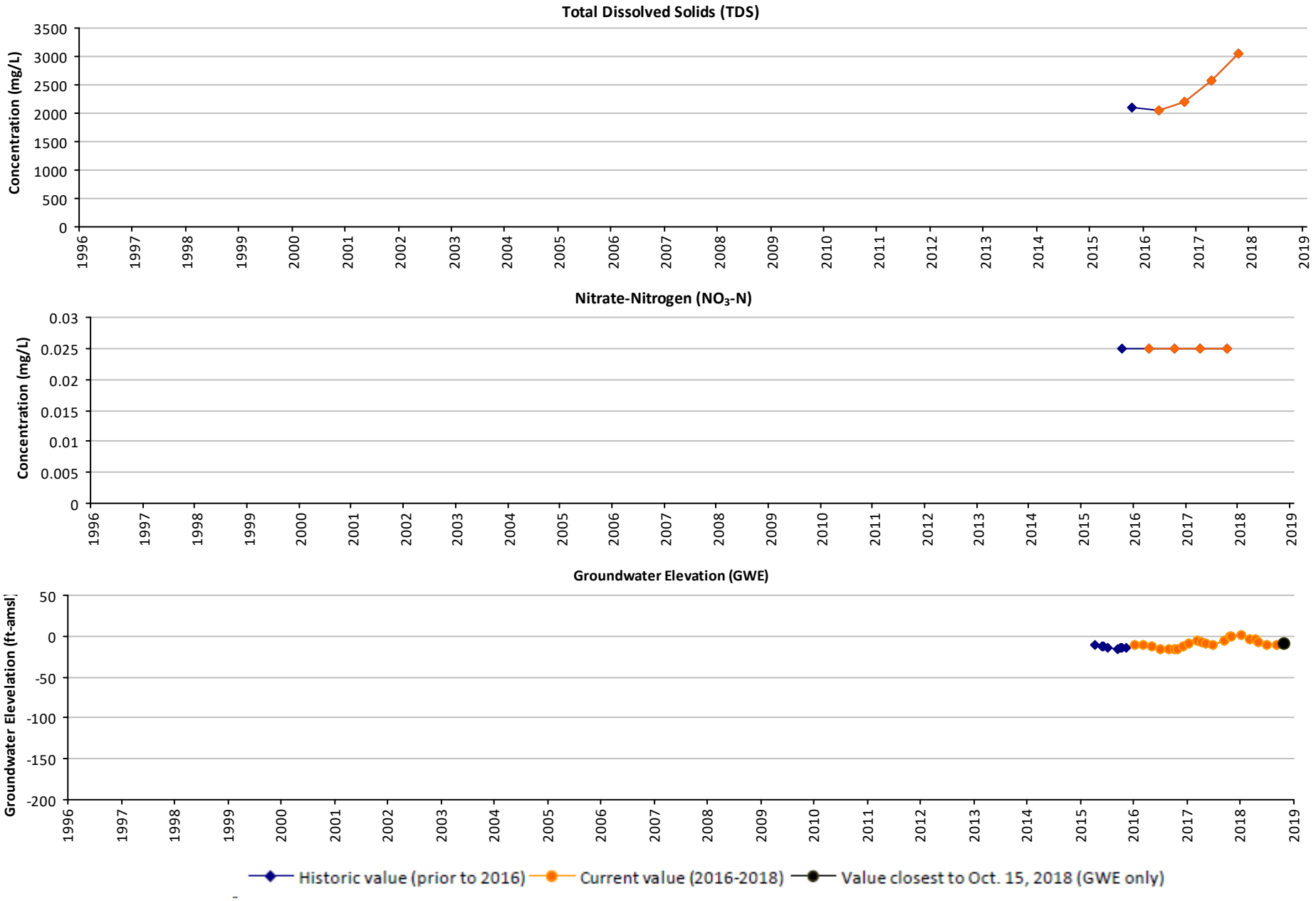

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

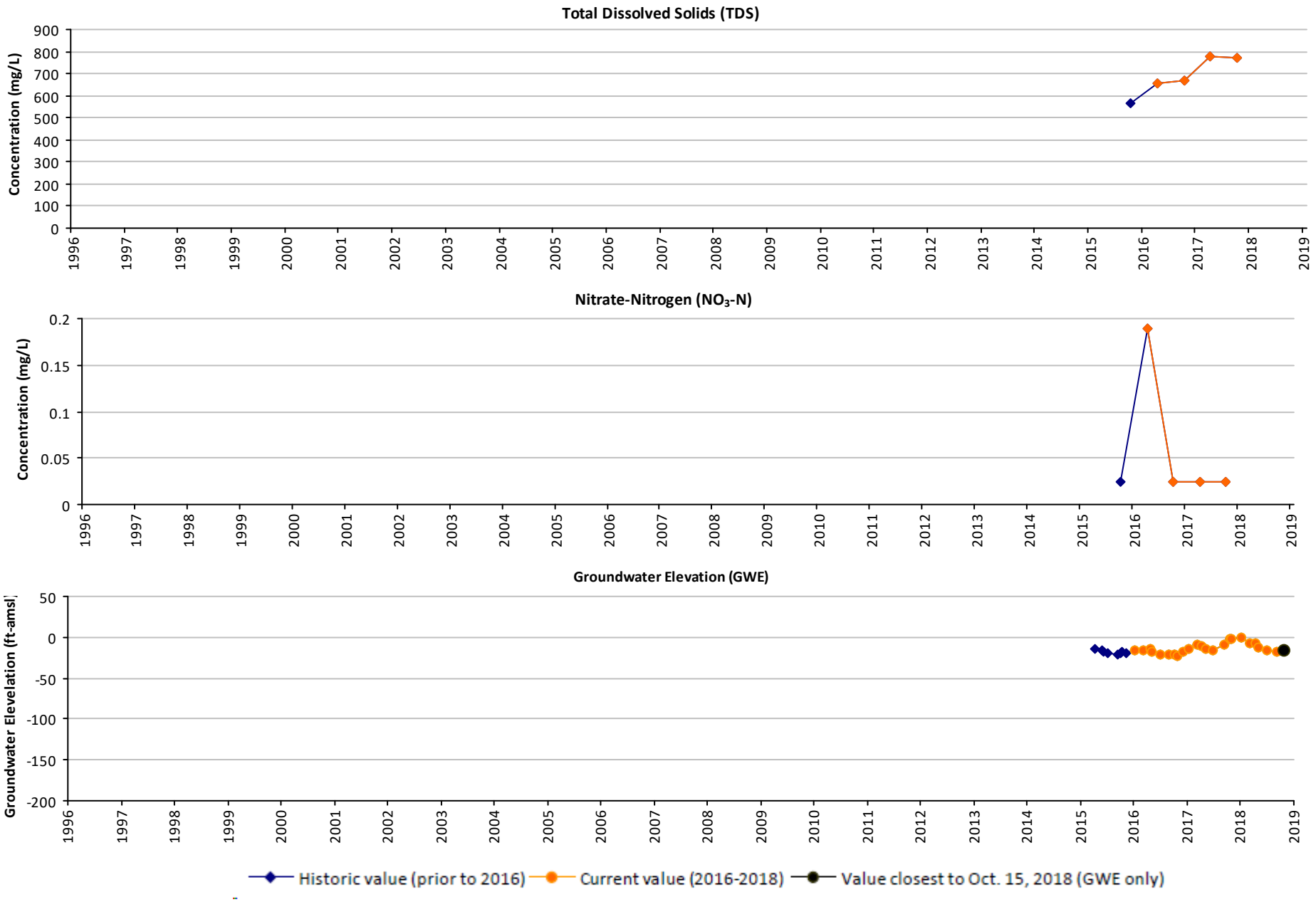

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

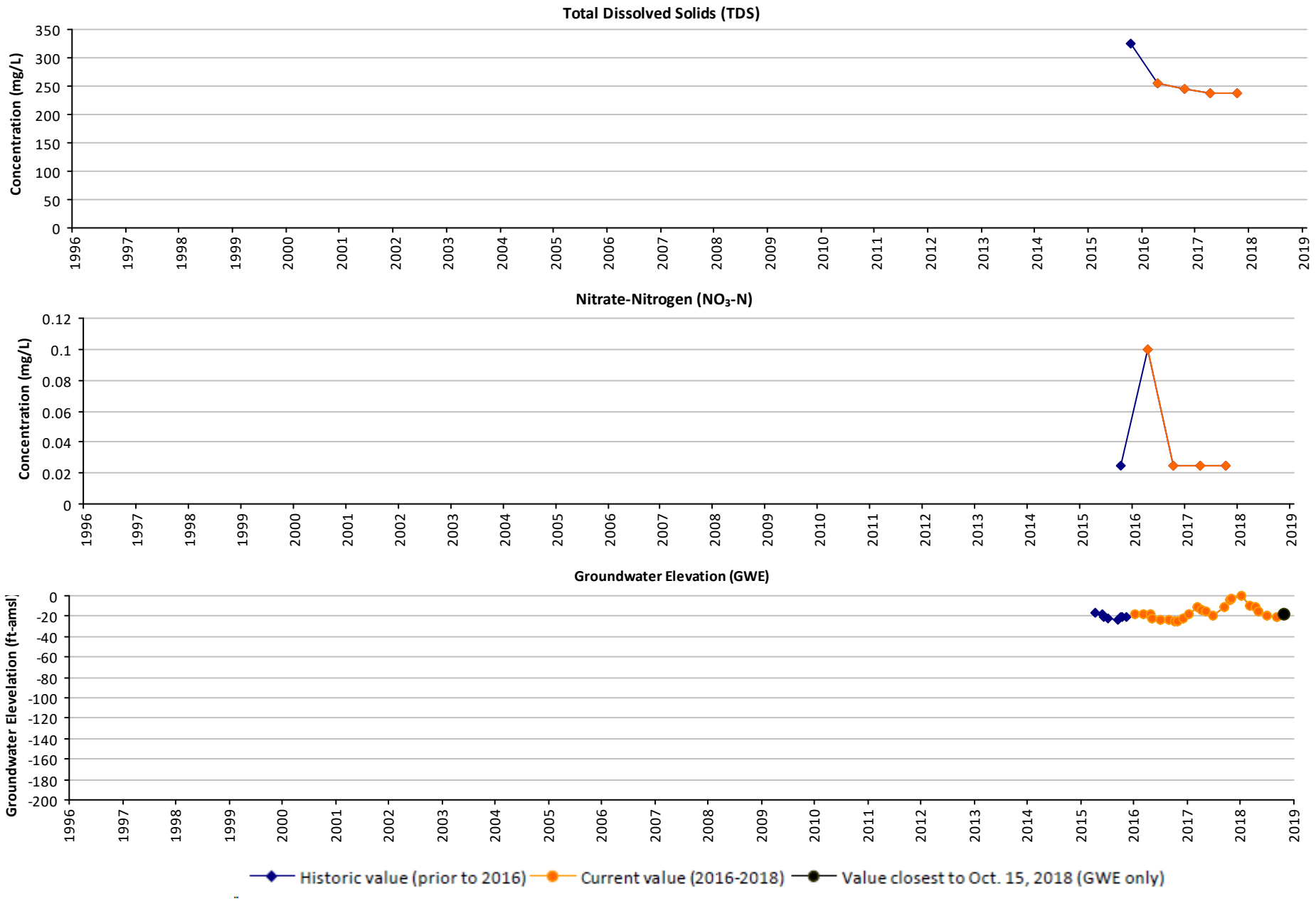

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

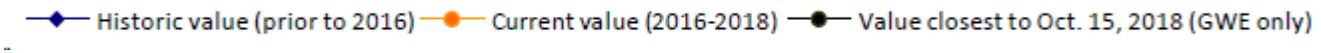

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

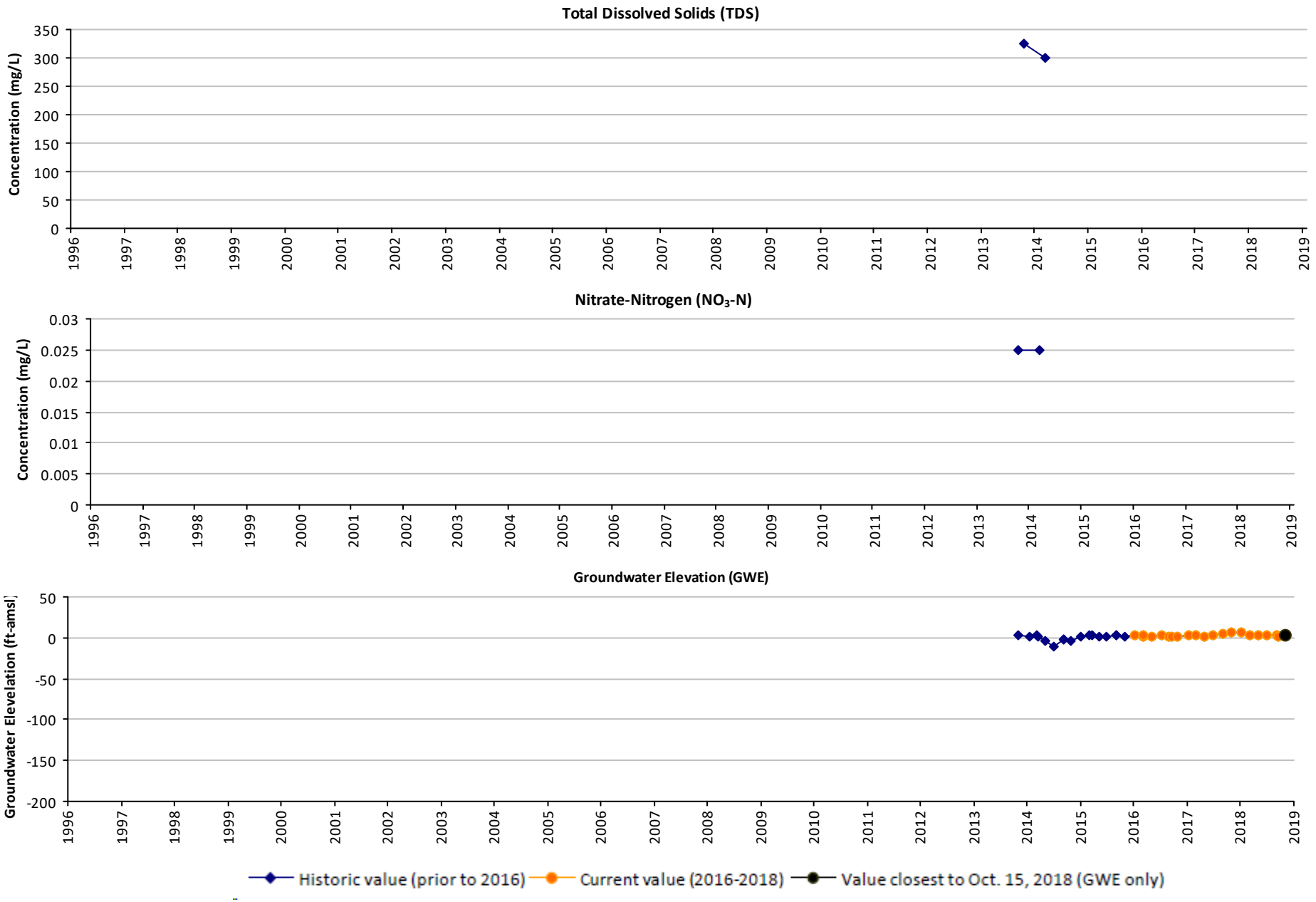
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

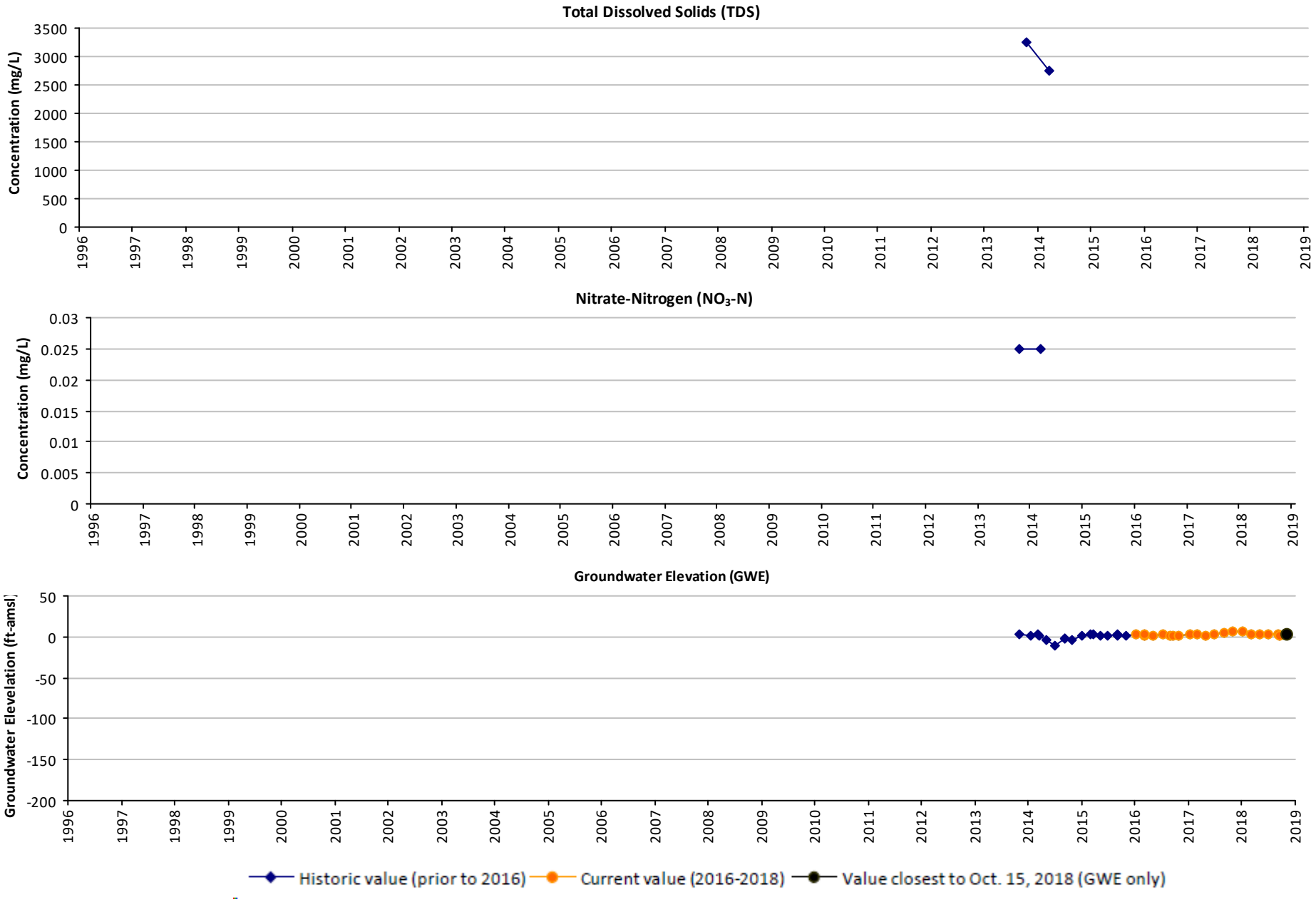
Total Dissolved Solids (TDS)

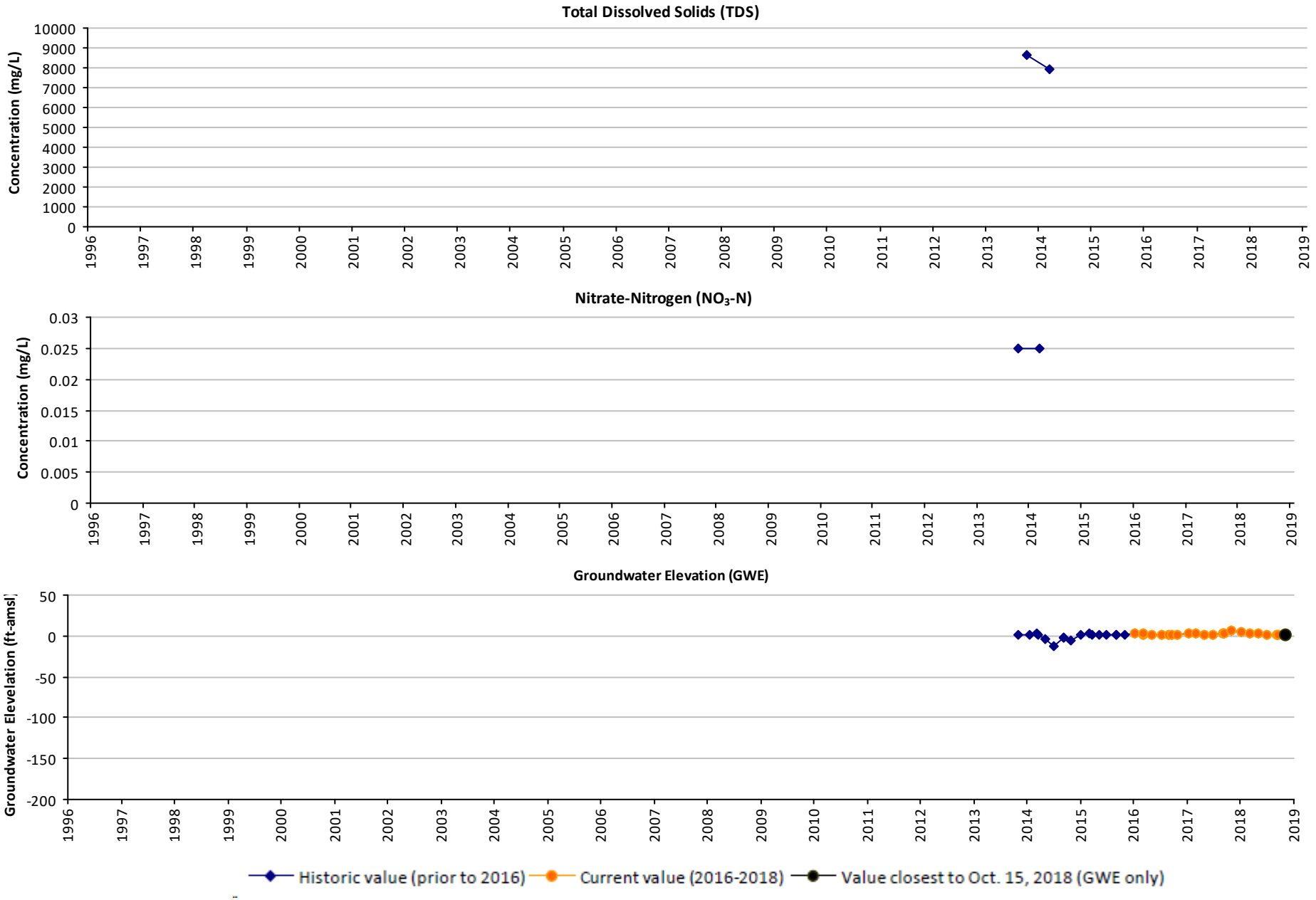
Nitrate-Nitrogen (NO_3-N)

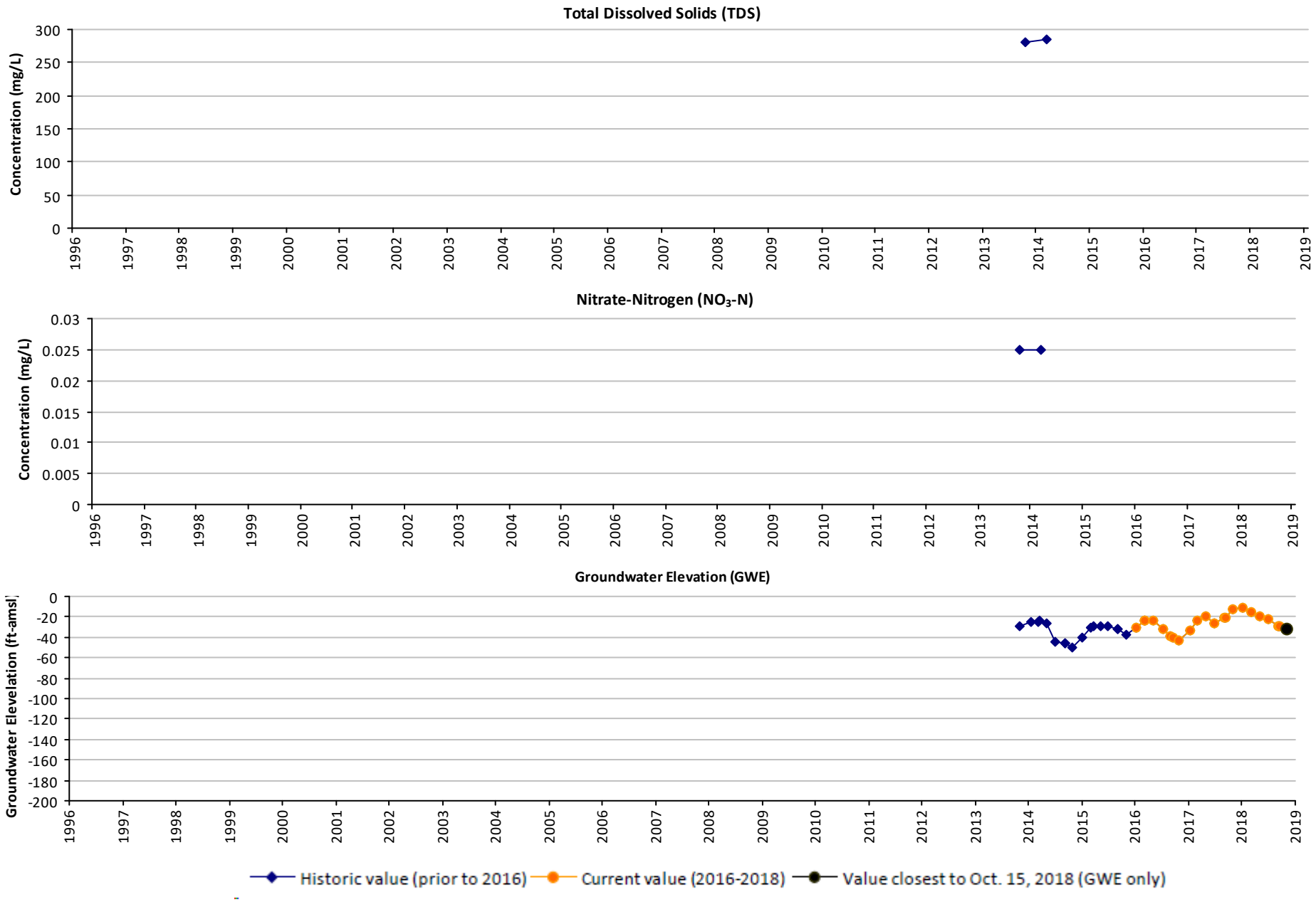
Groundwater Elevation (GWE)

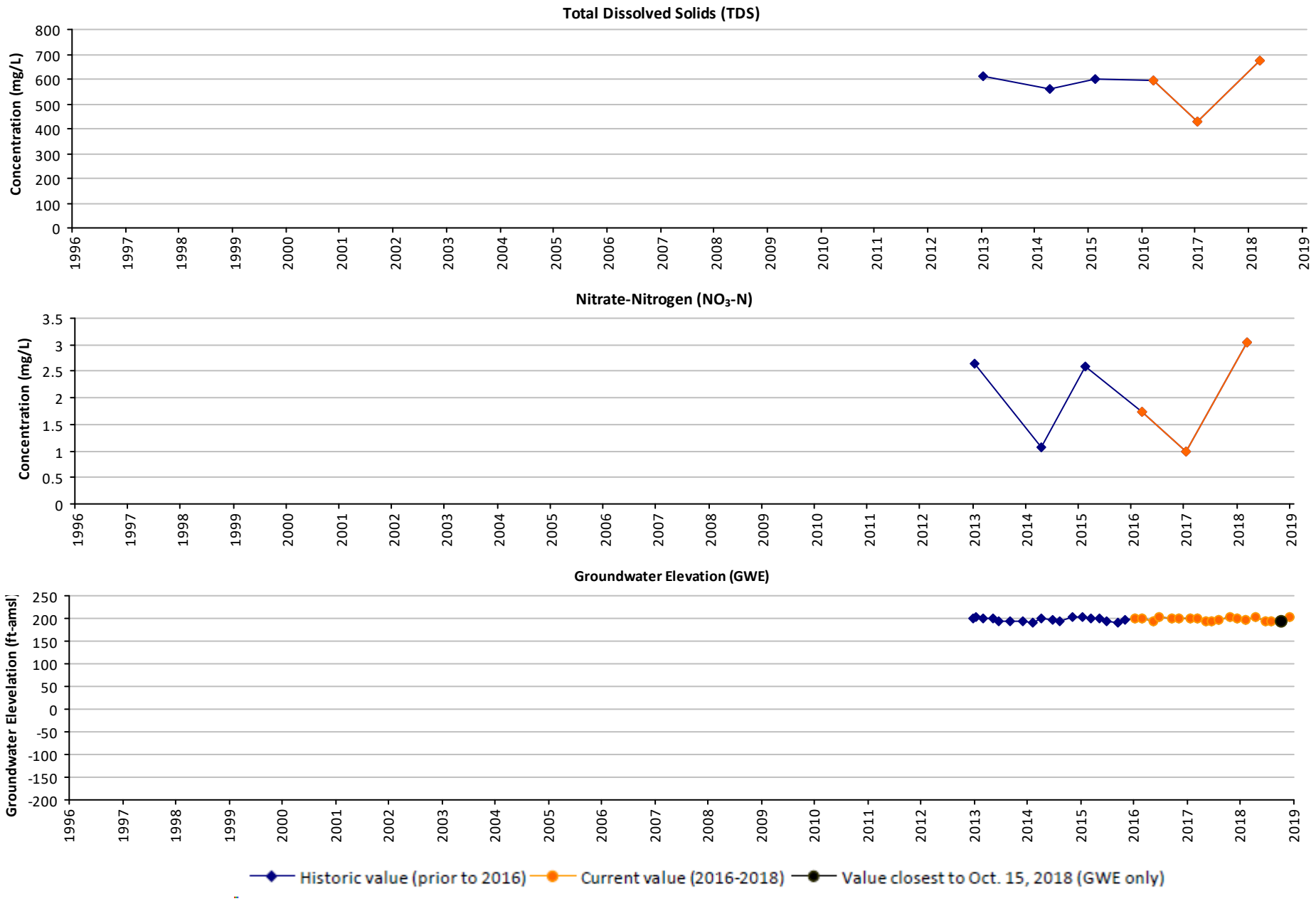
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

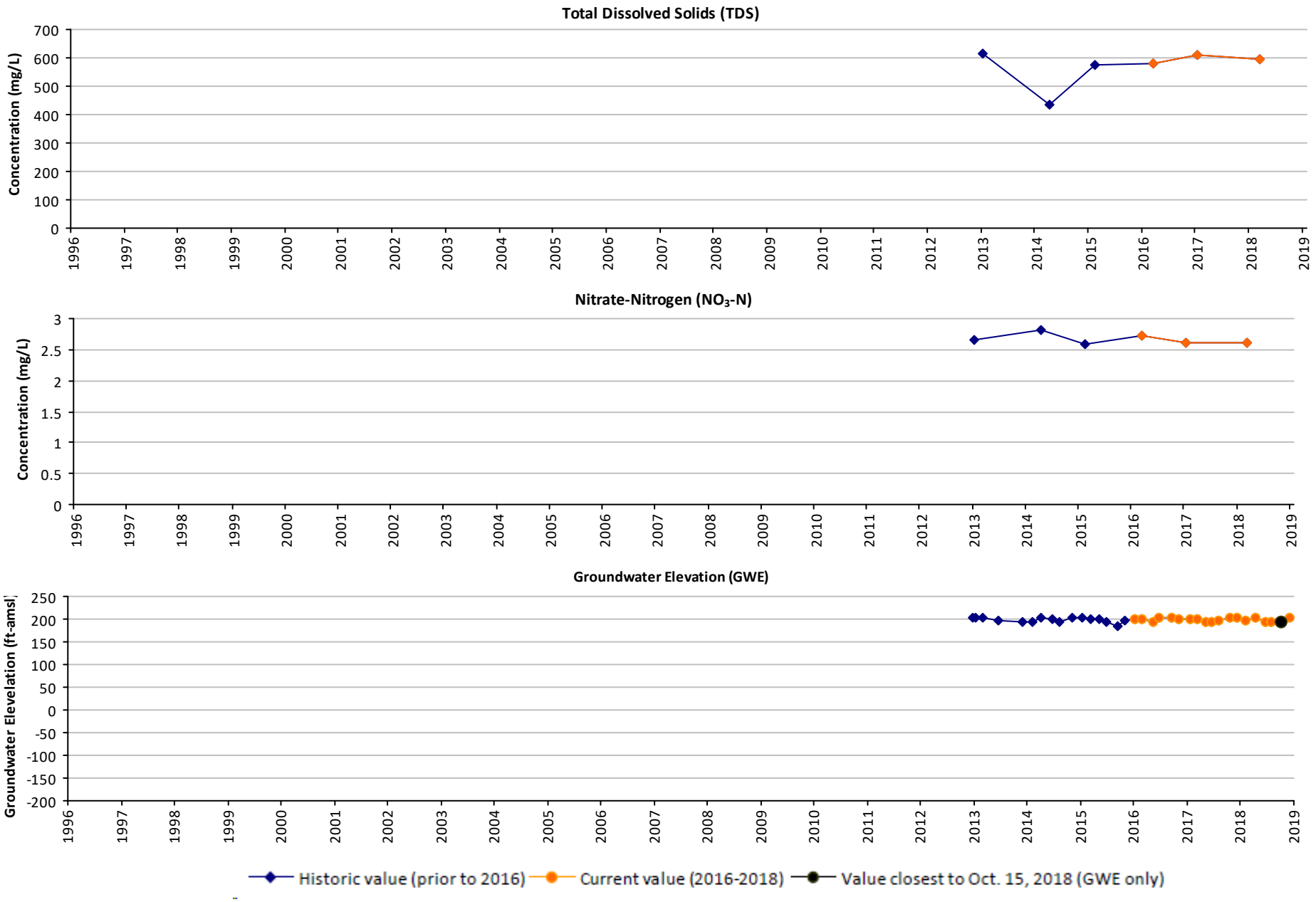

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

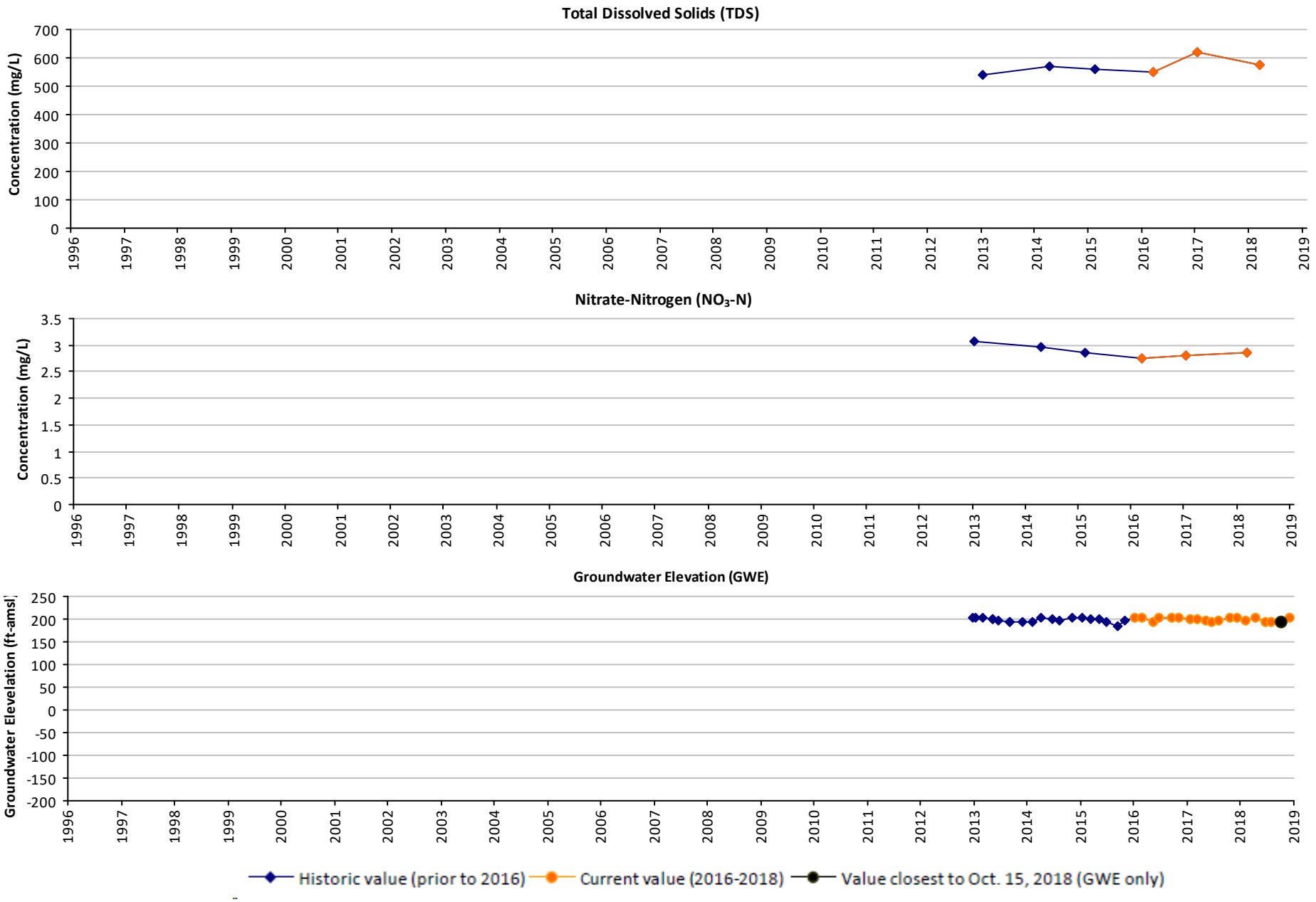

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

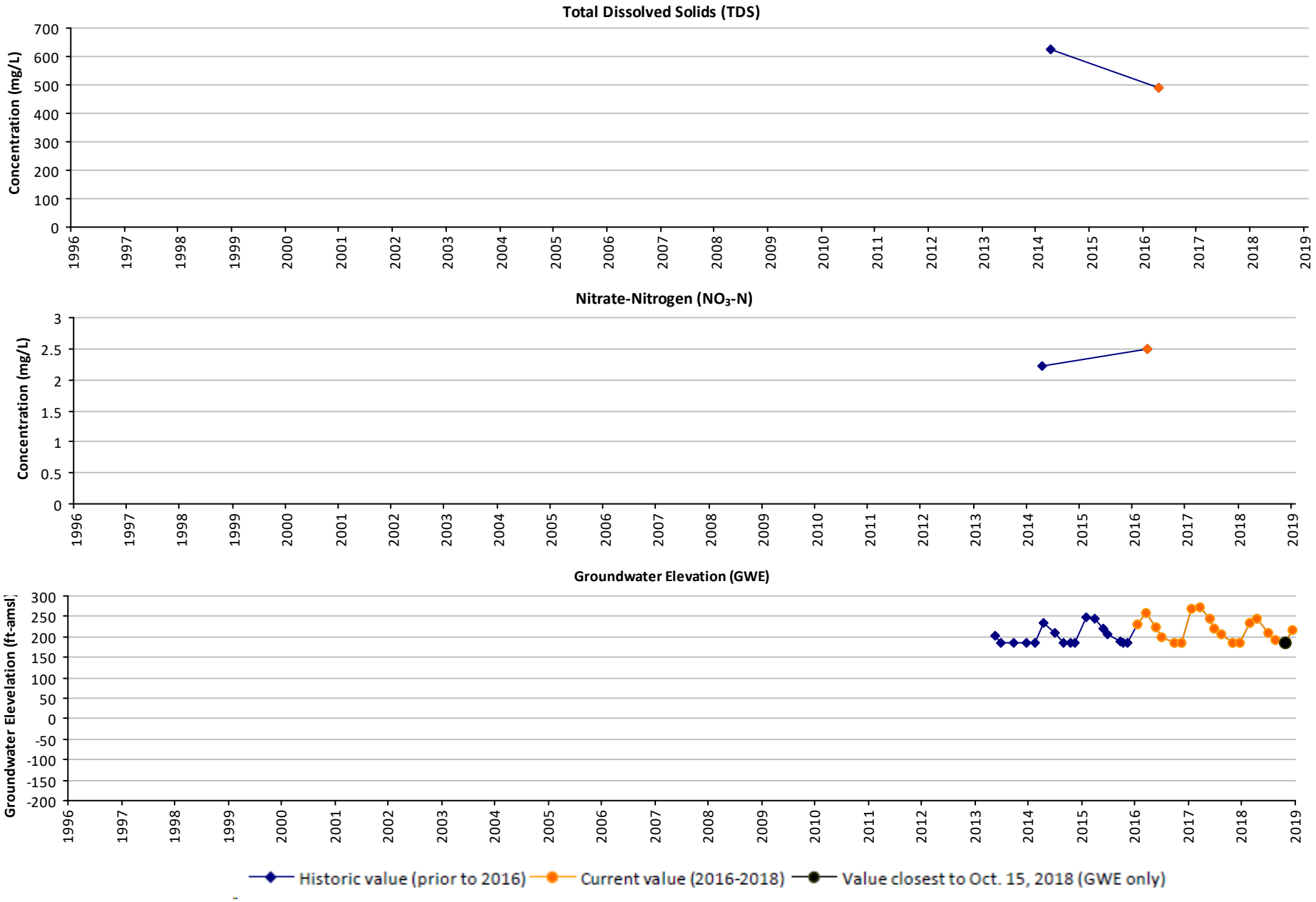

Total Dissolved Solids (TDS)
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

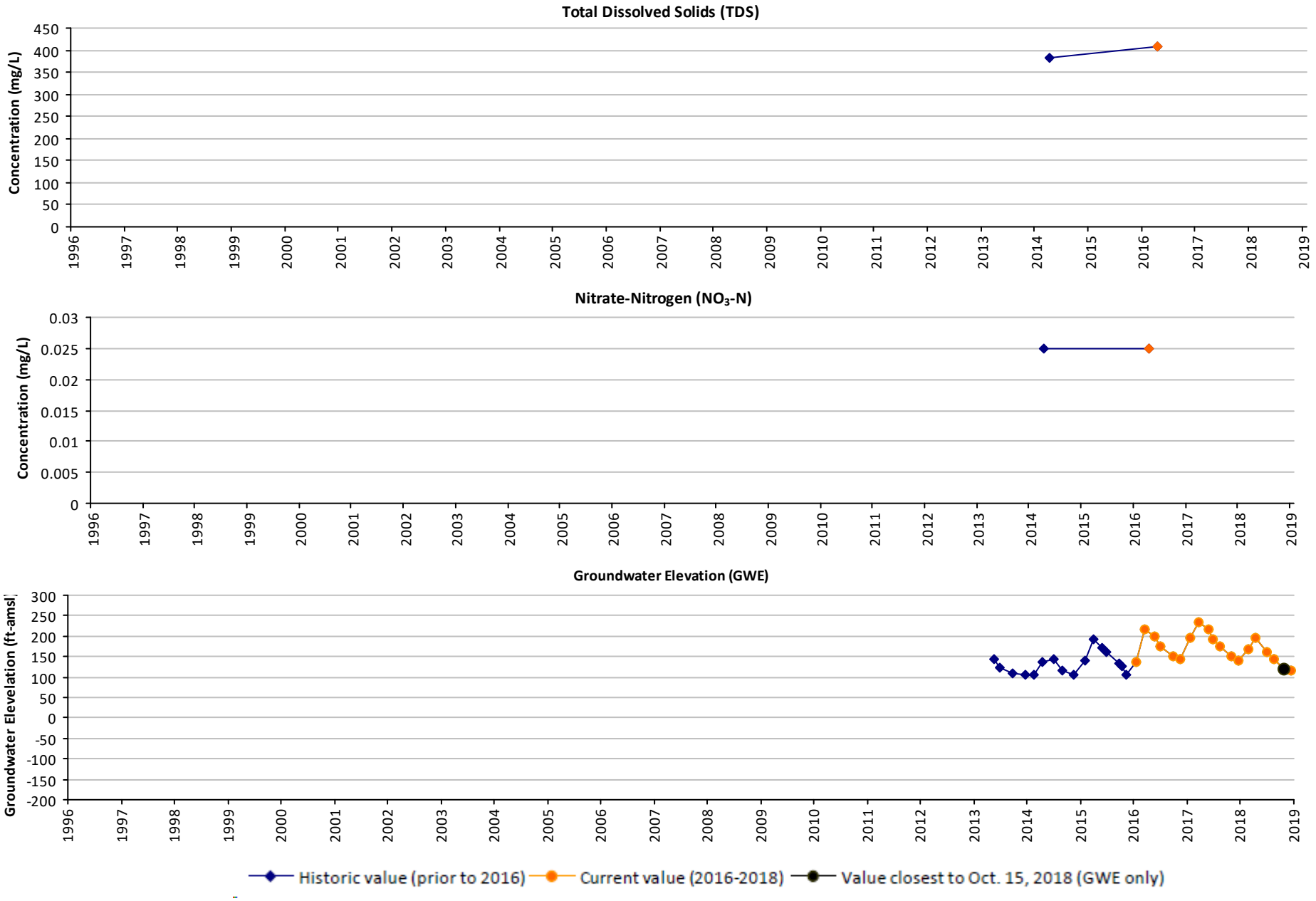

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

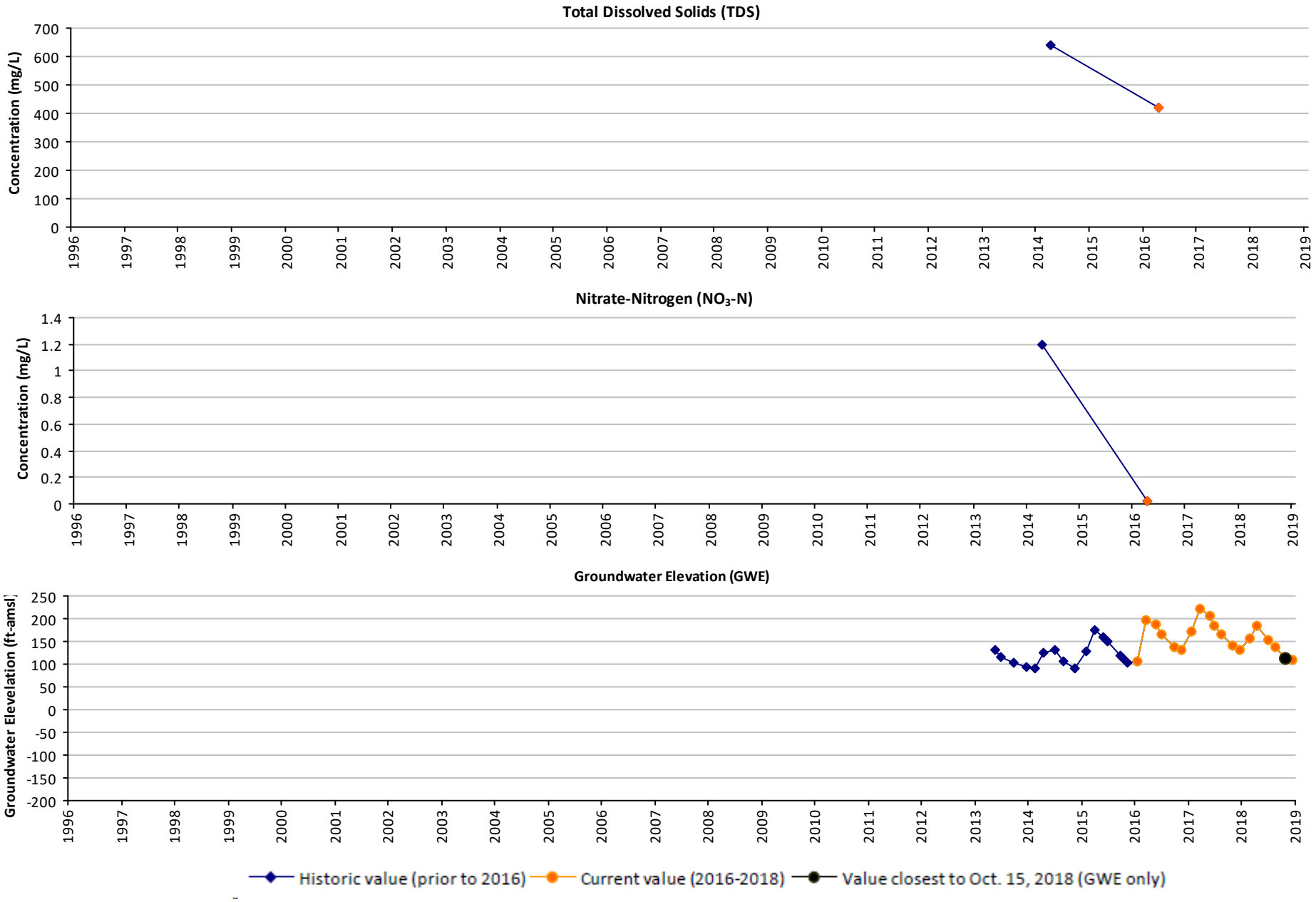

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

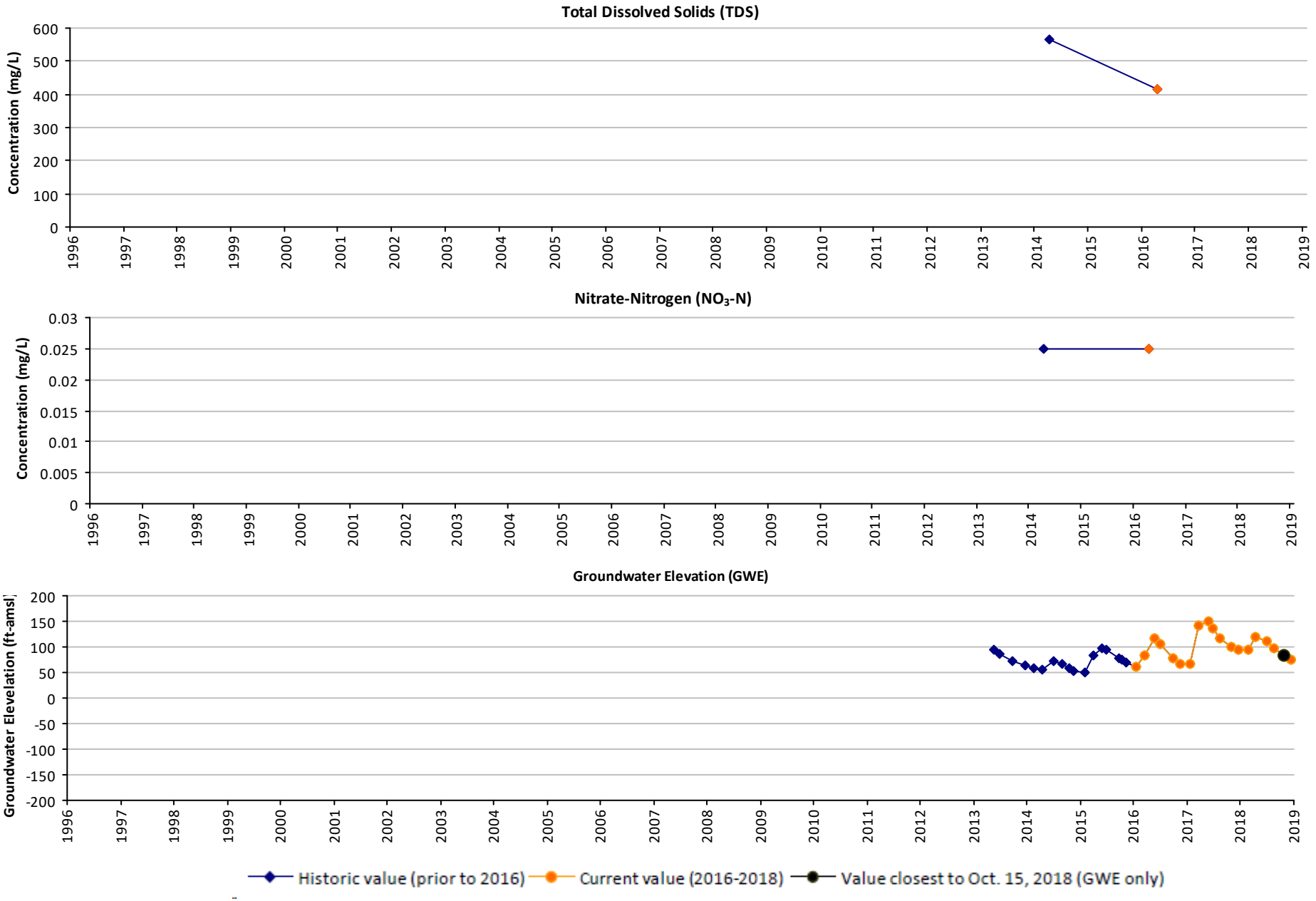

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

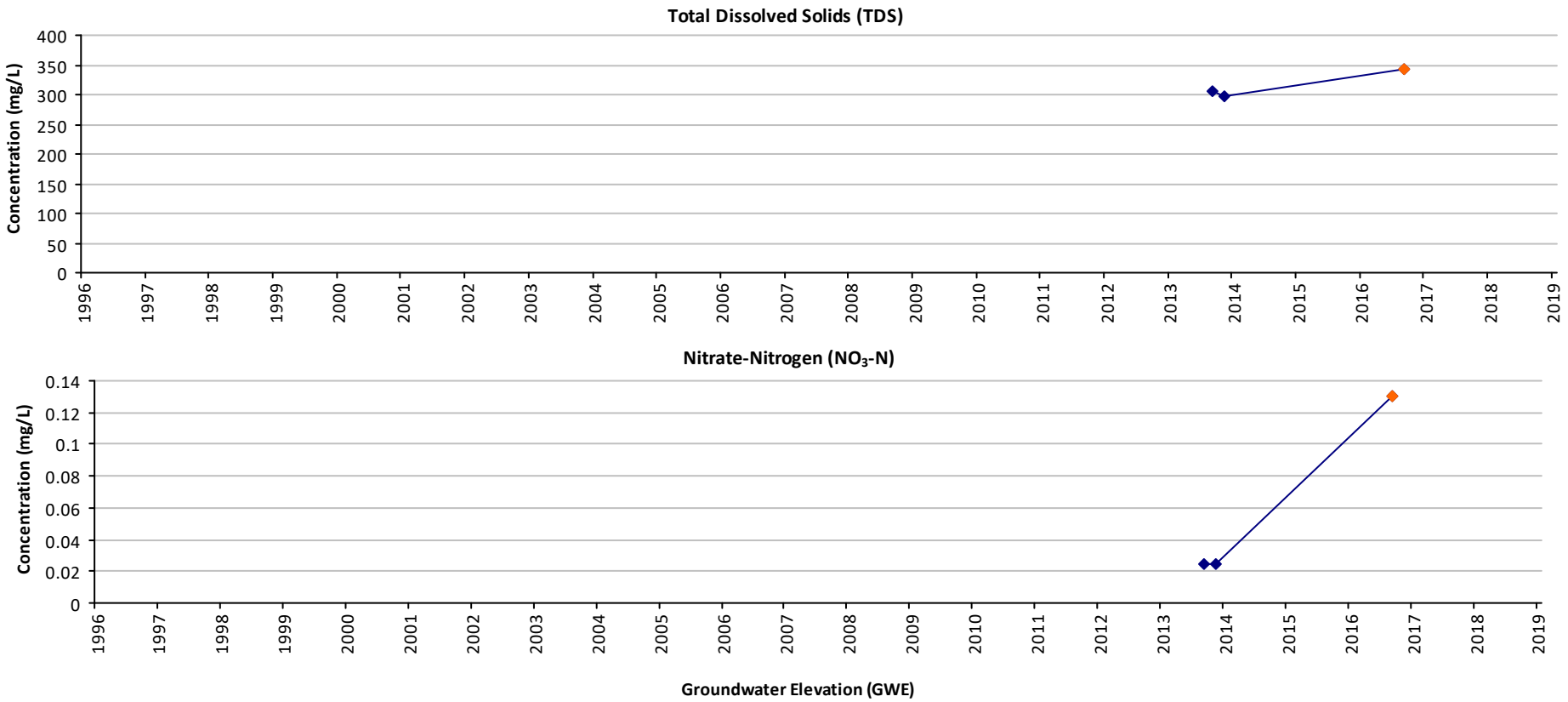

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

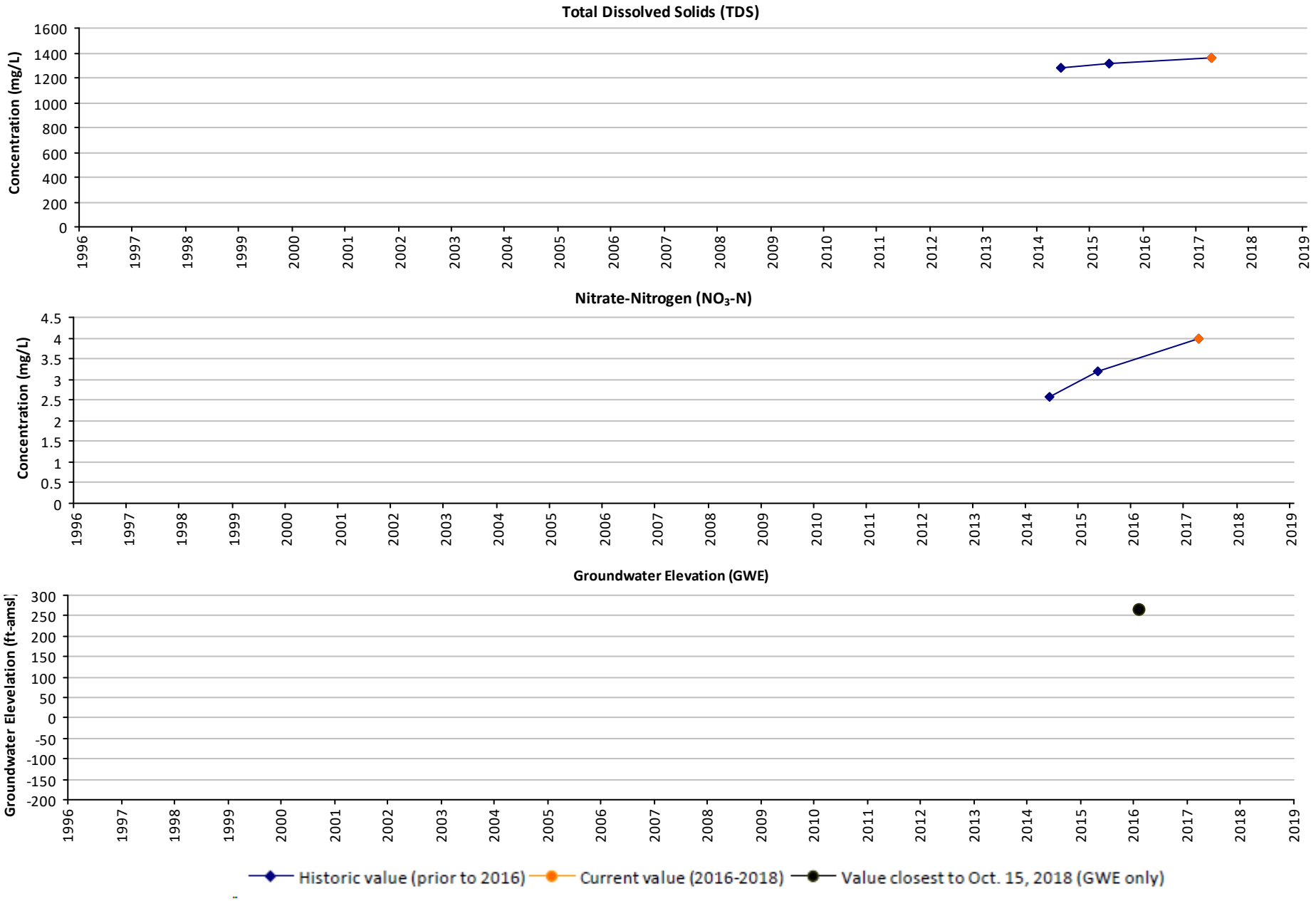

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

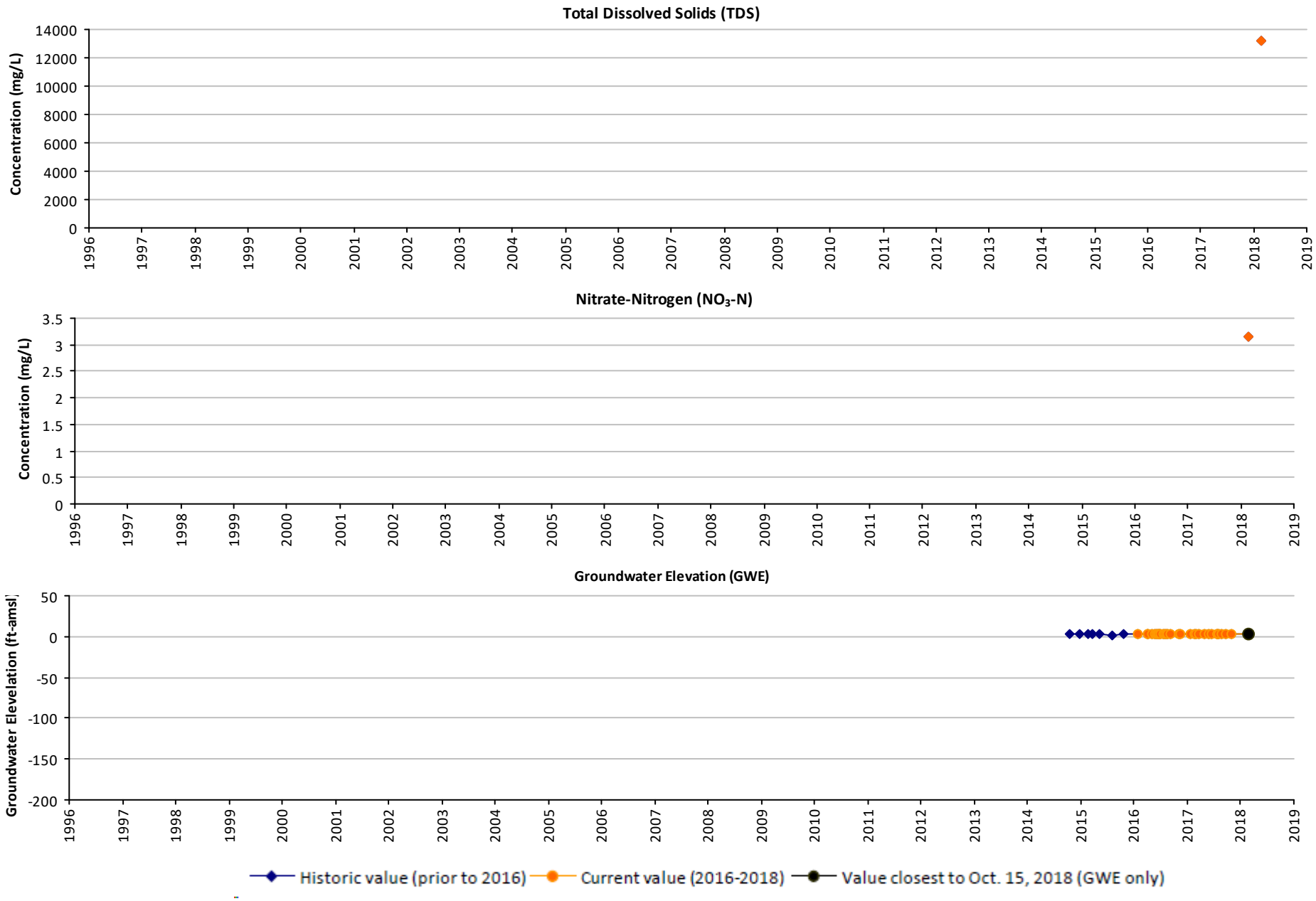

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

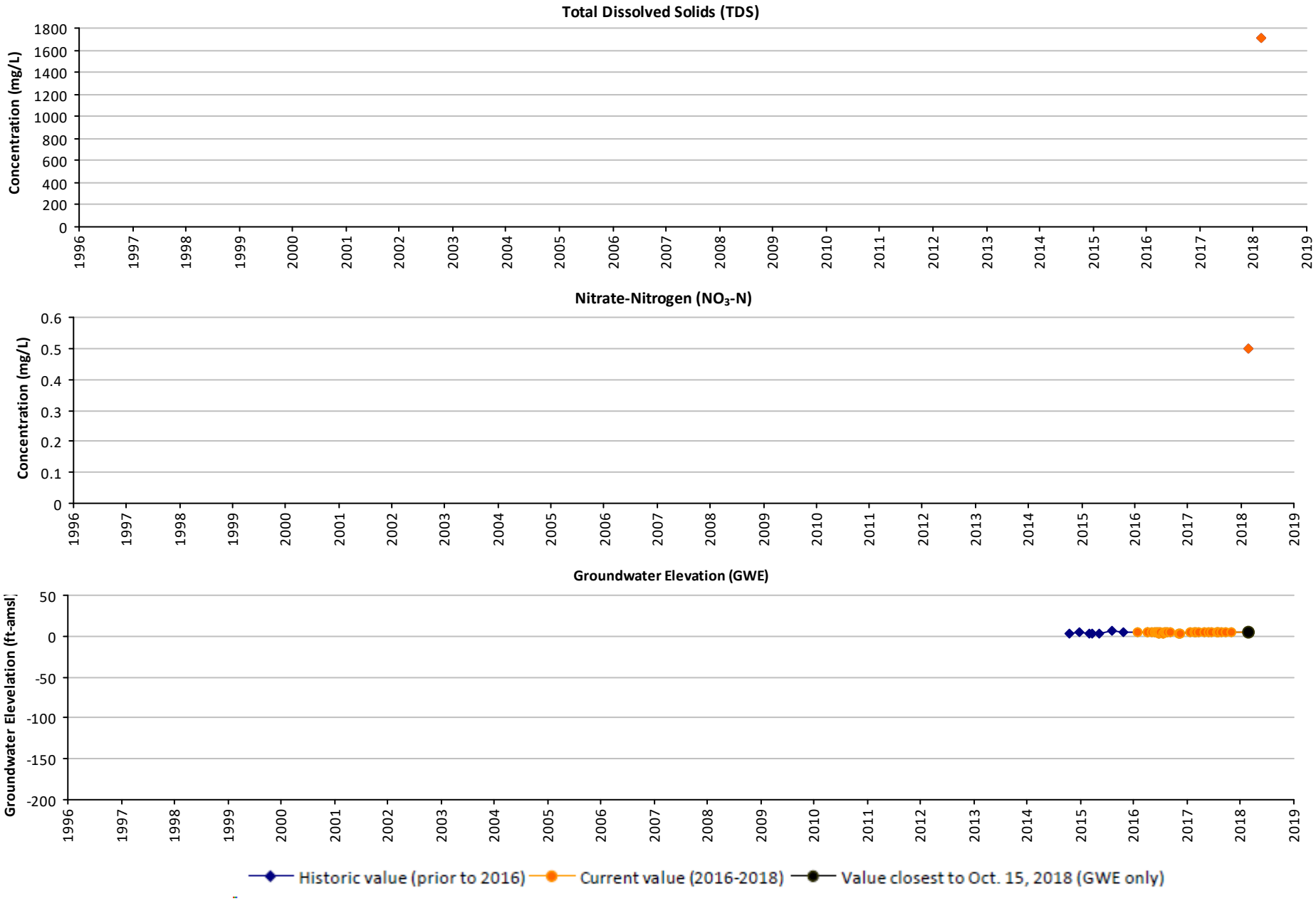

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

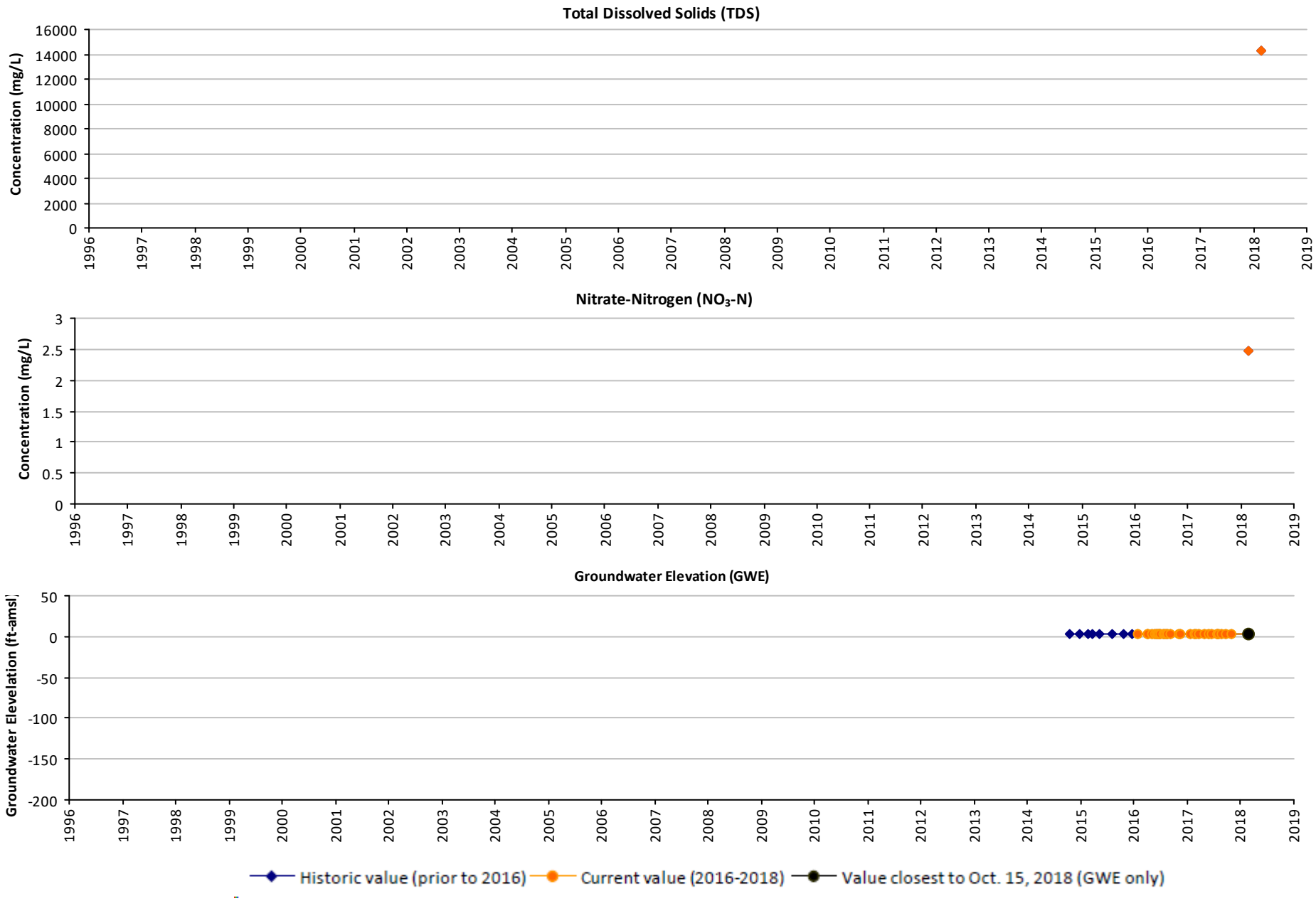

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

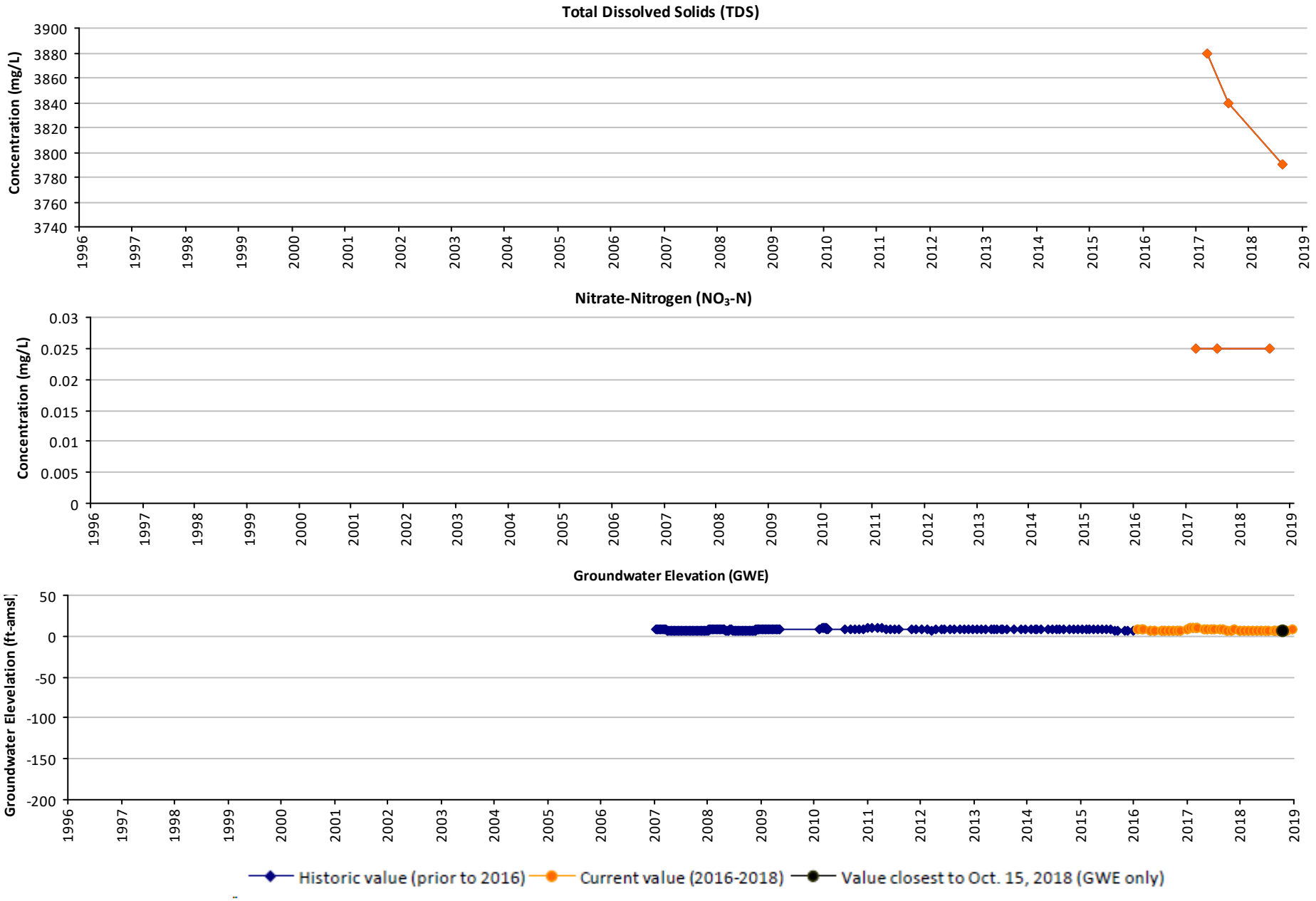

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

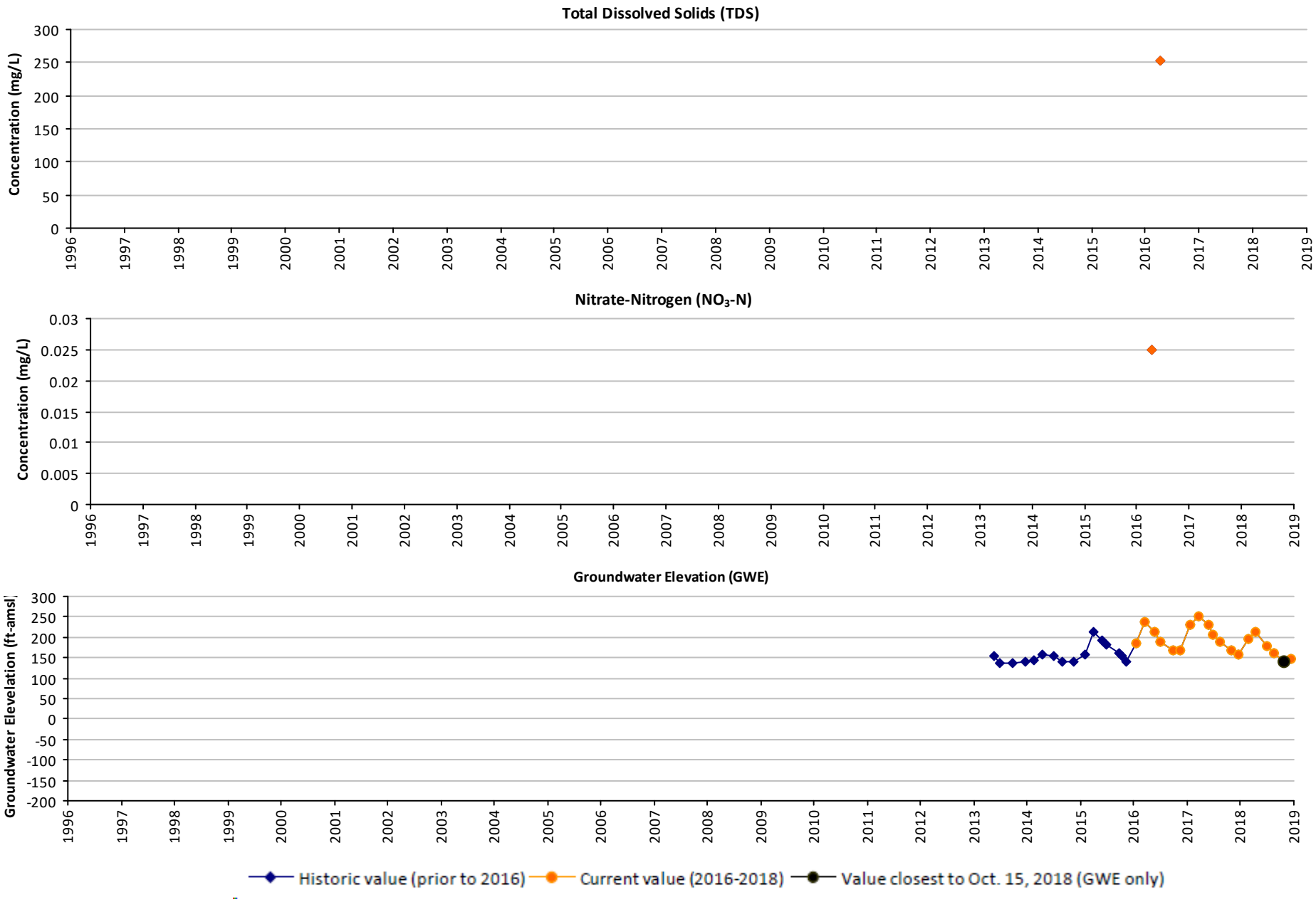

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

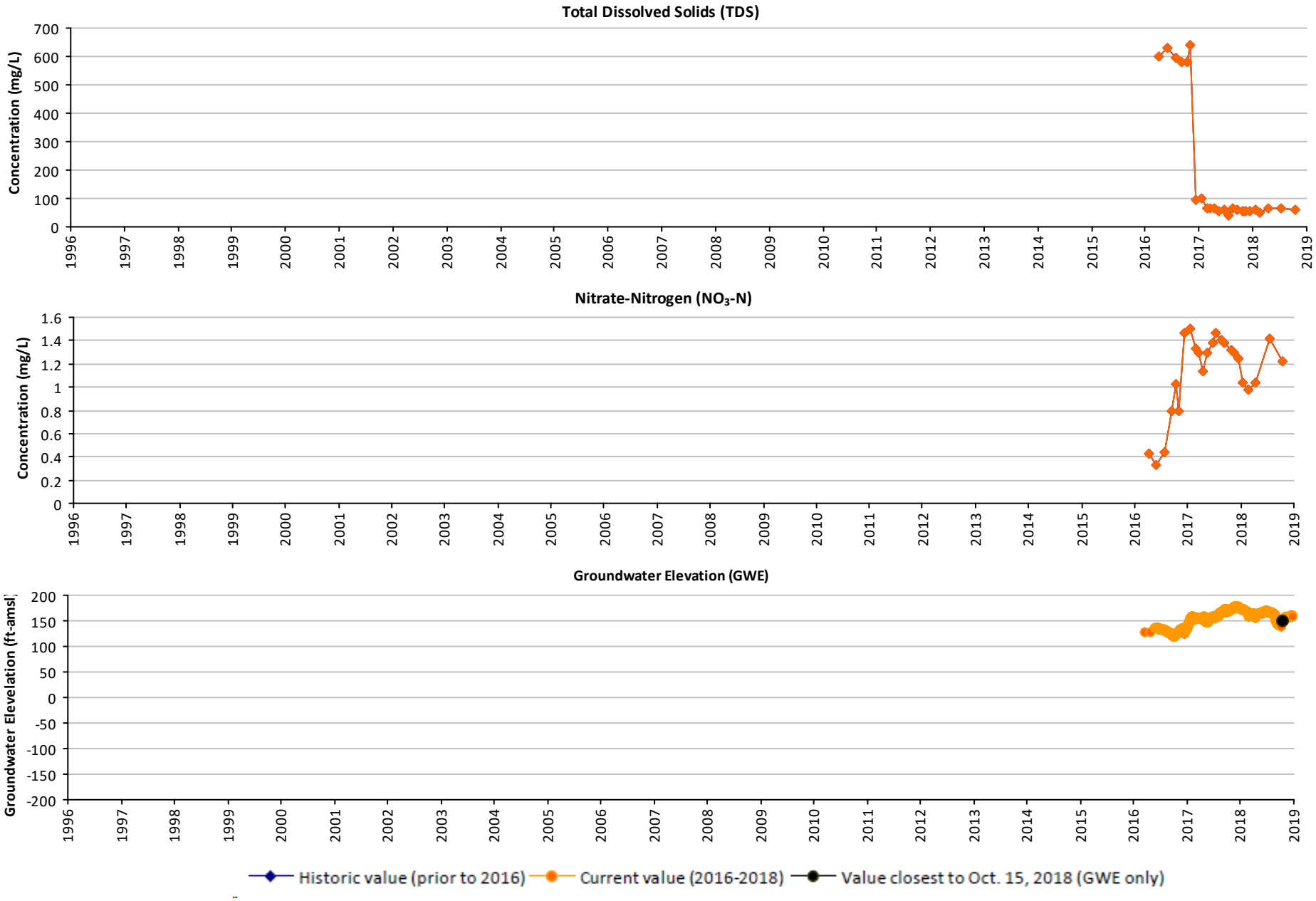

Total Dissolved Solids (TDS)
Concentration (mg/L)
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

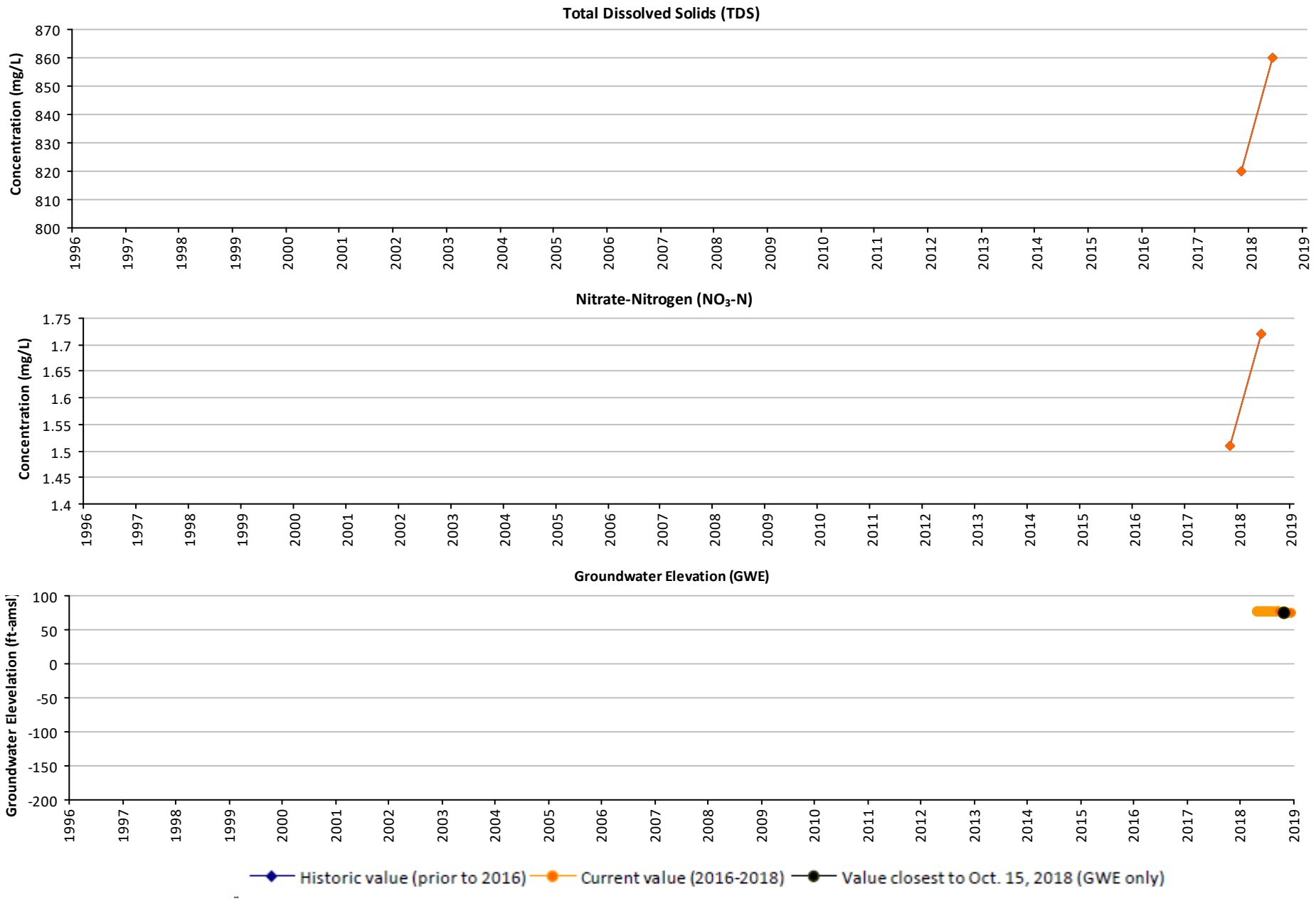

Total Dissolved Solids (TDS)
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

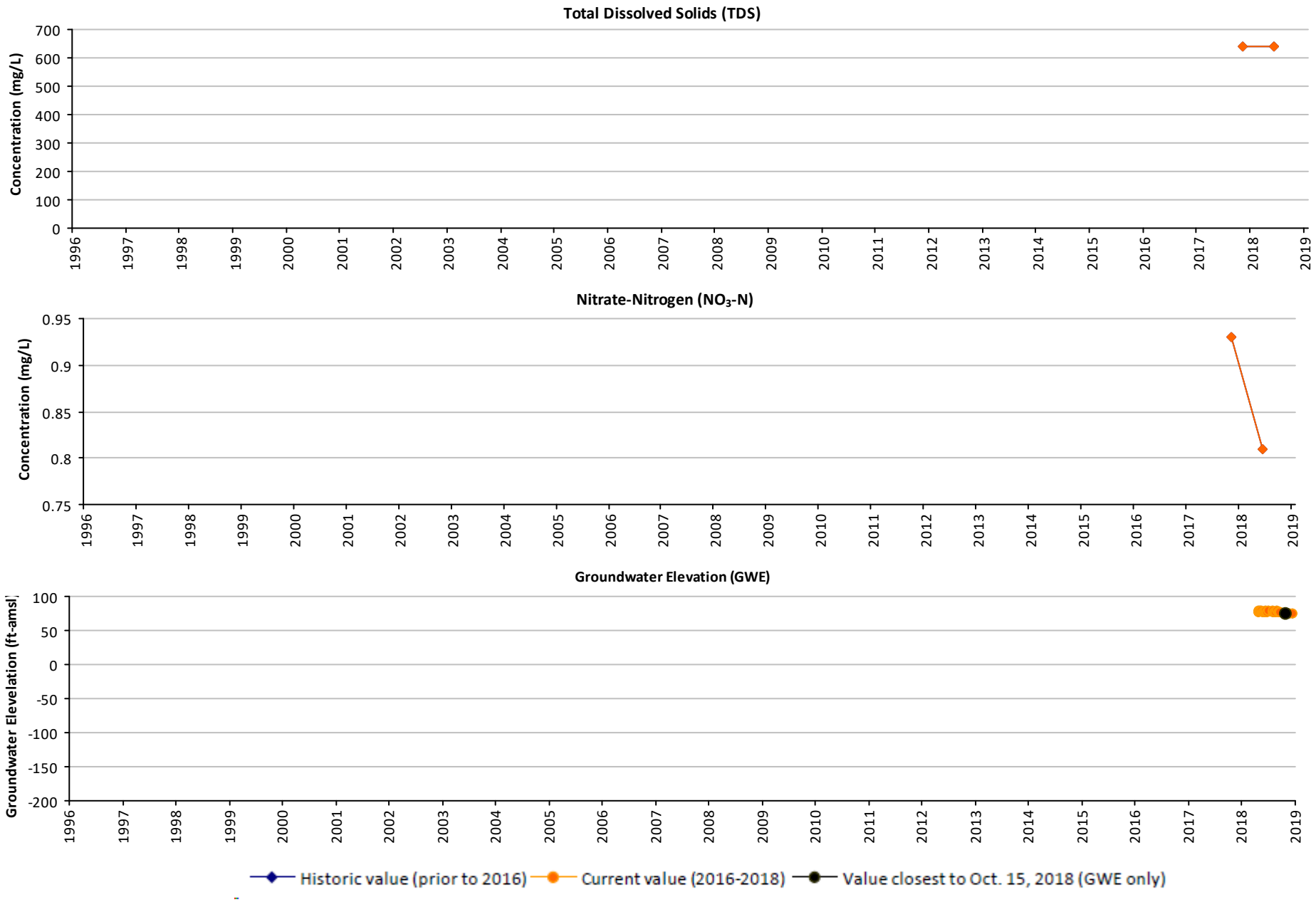

Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

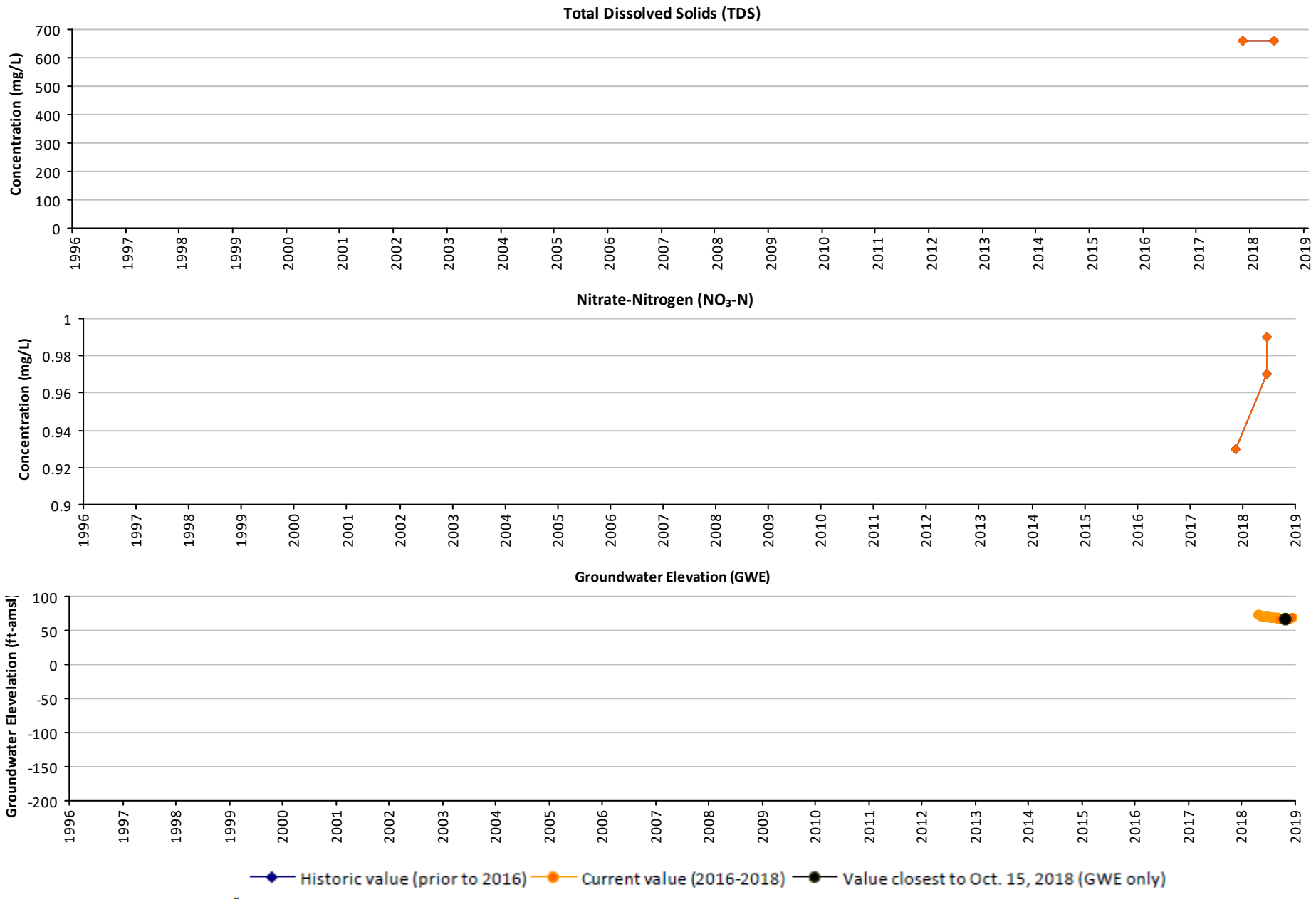

Total Dissolved Solids (TDS)
Concentration (mg/L)
3900
3880
3860
3840
3820
3800
3780
3760
3740
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

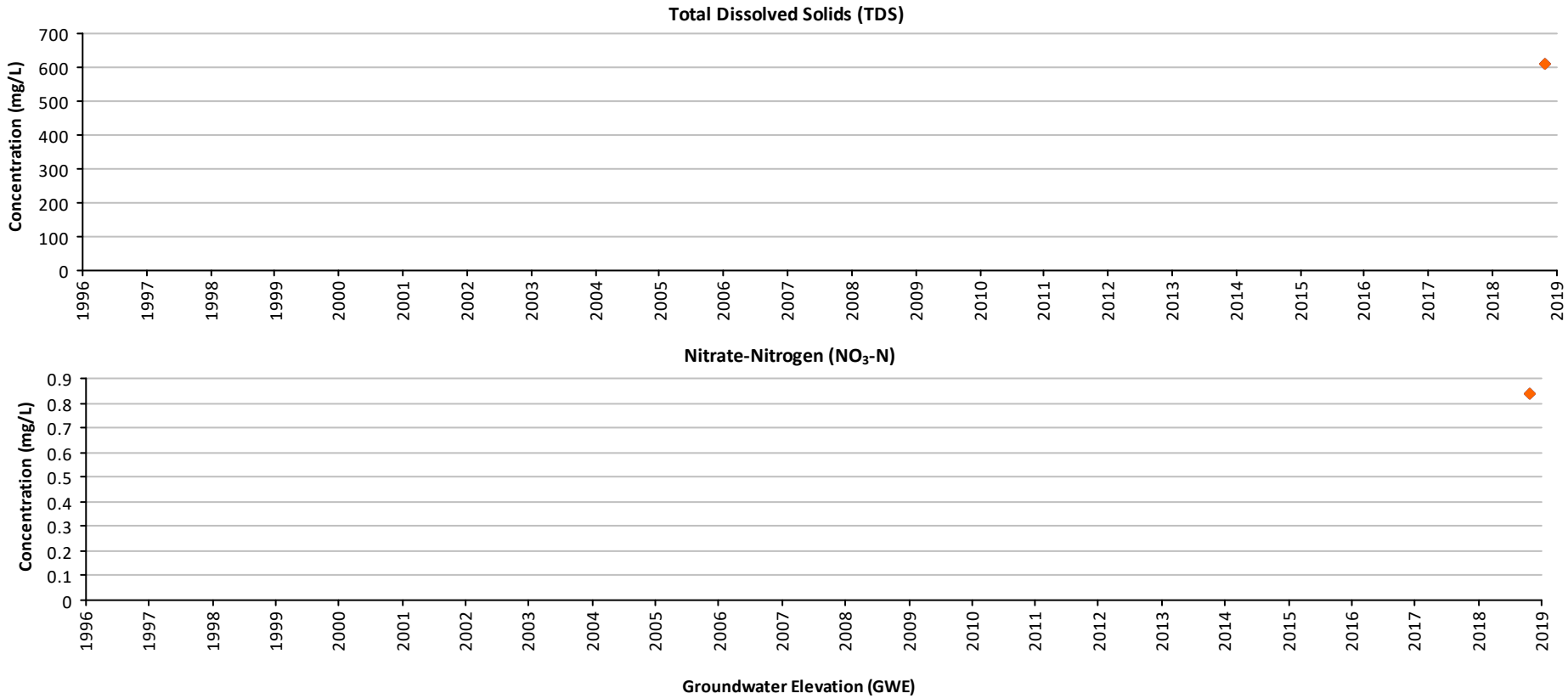

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
300
250
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

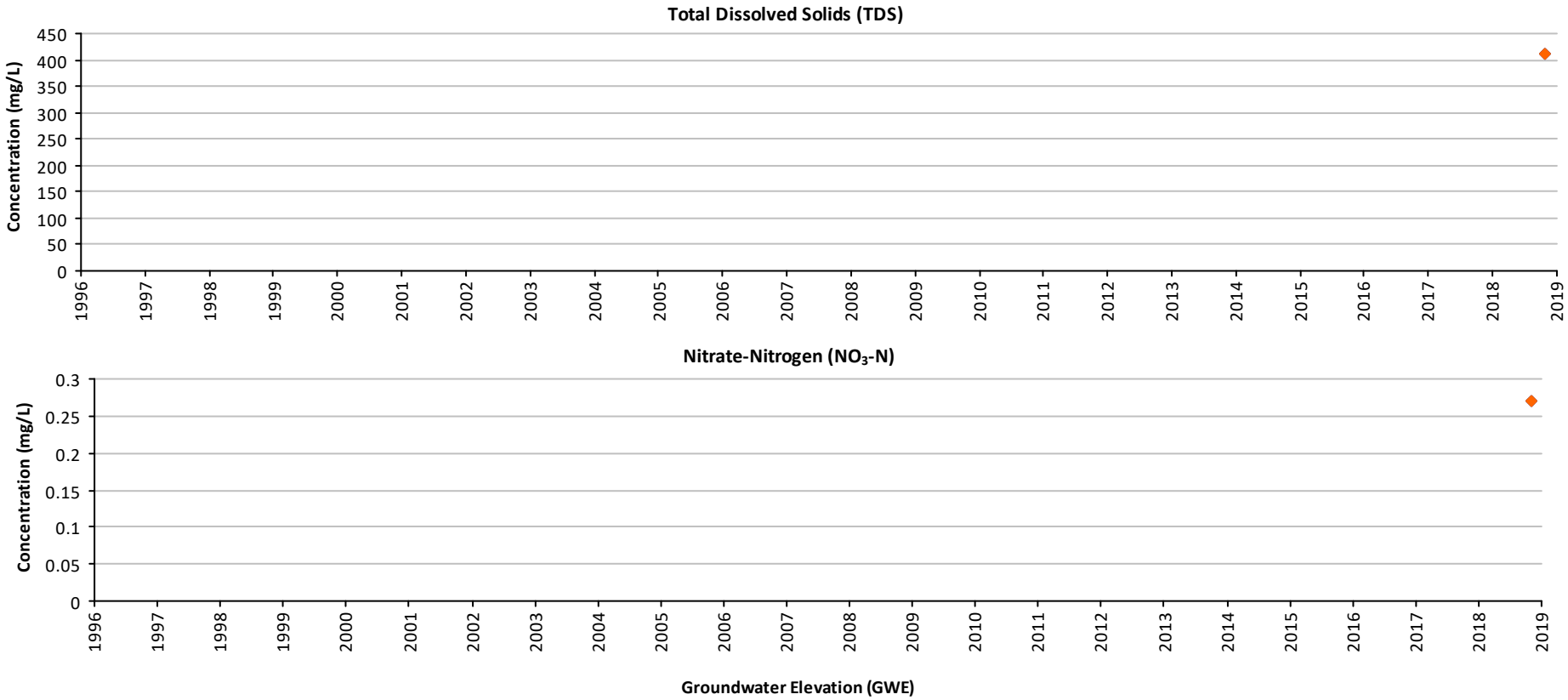

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
200
150
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

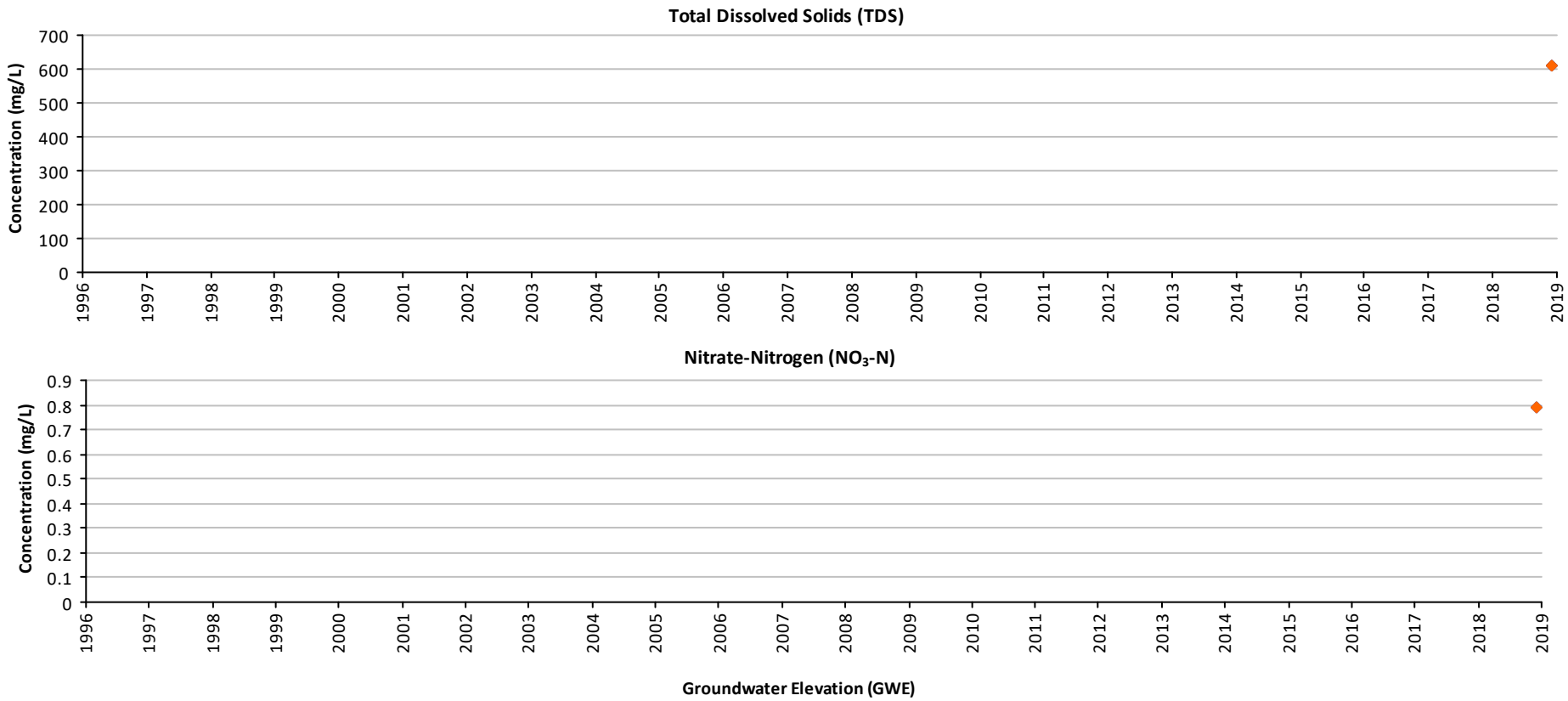

Total Dissolved Solids (TDS)
Concentration (mg/L)
870
860
850
840
830
820
810
800
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.75
1.7
1.65
1.6
1.55
1.5
1.45
1.4
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

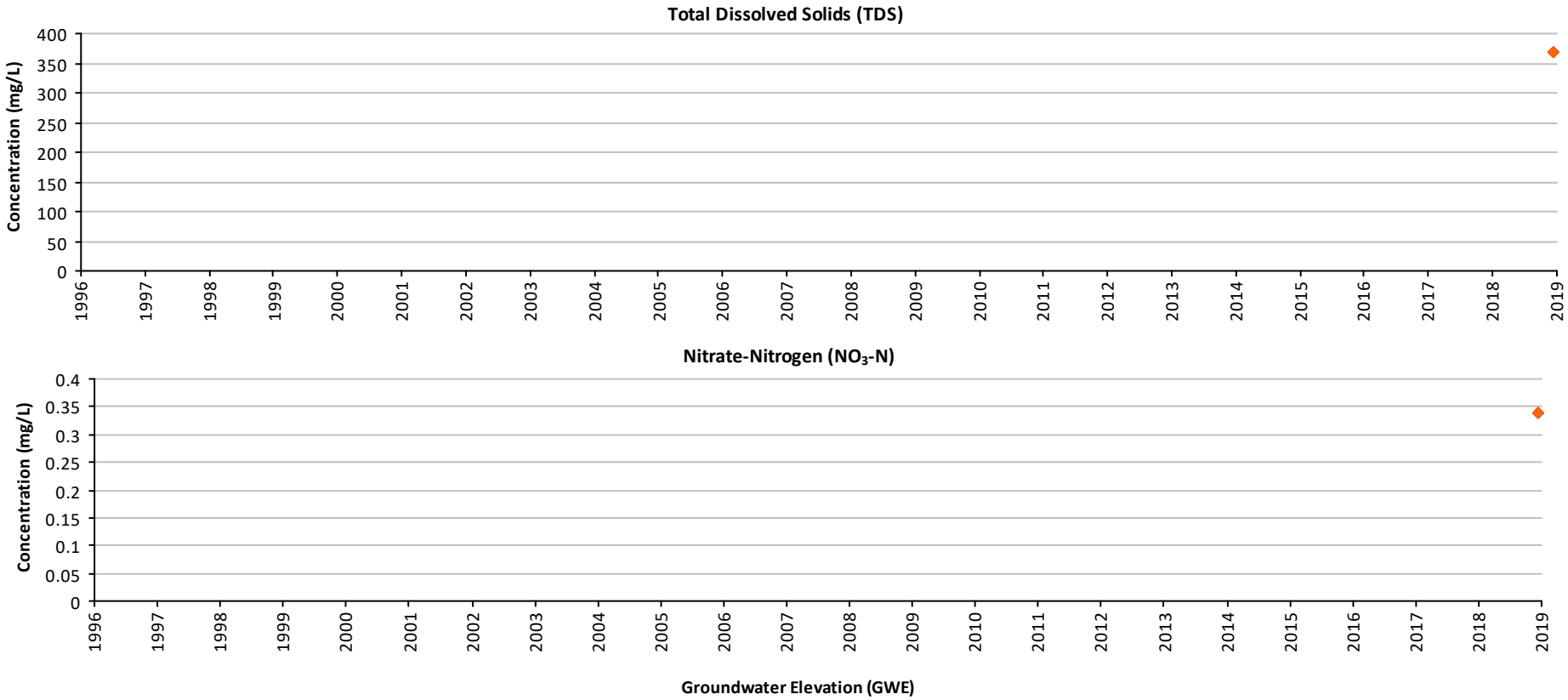

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.95
0.9
0.85
0.8
0.75
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

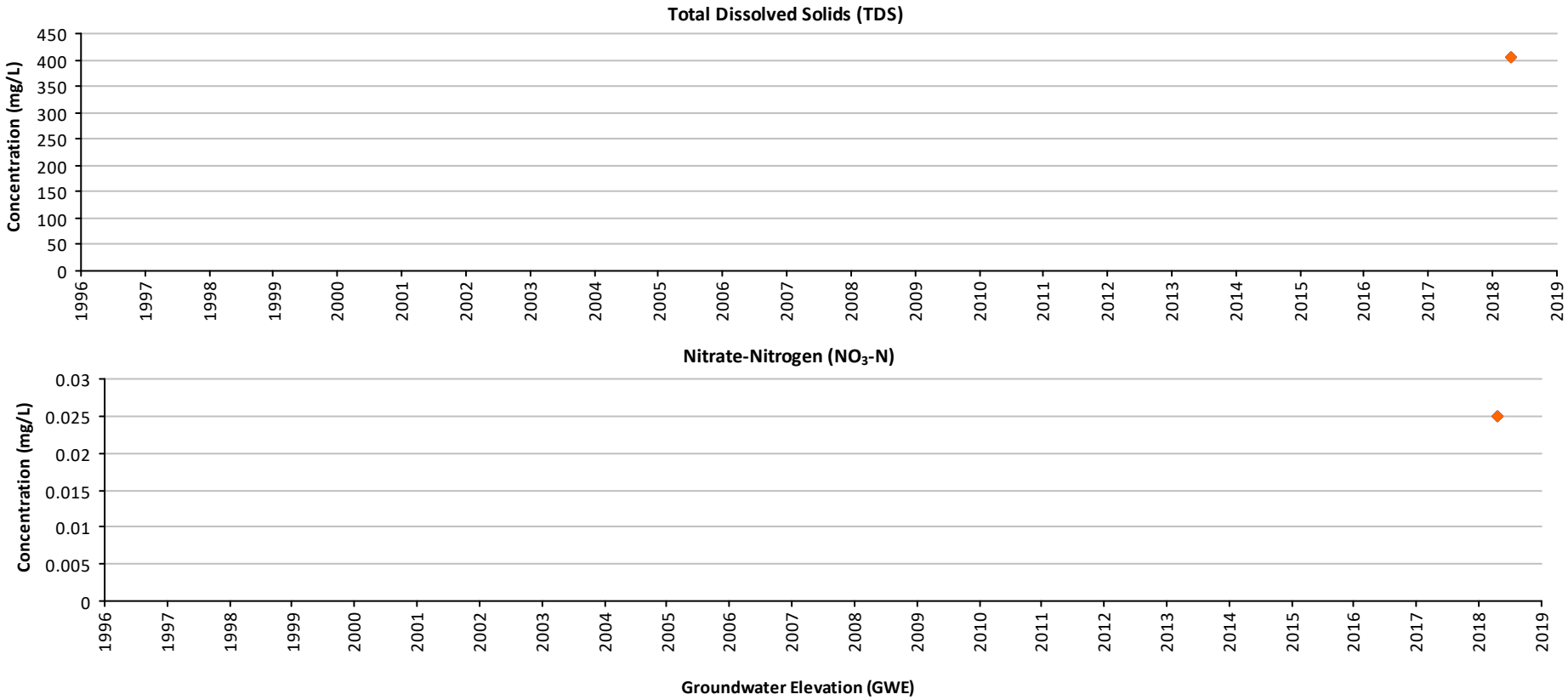

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.98
0.96
0.94
0.92
0.9
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

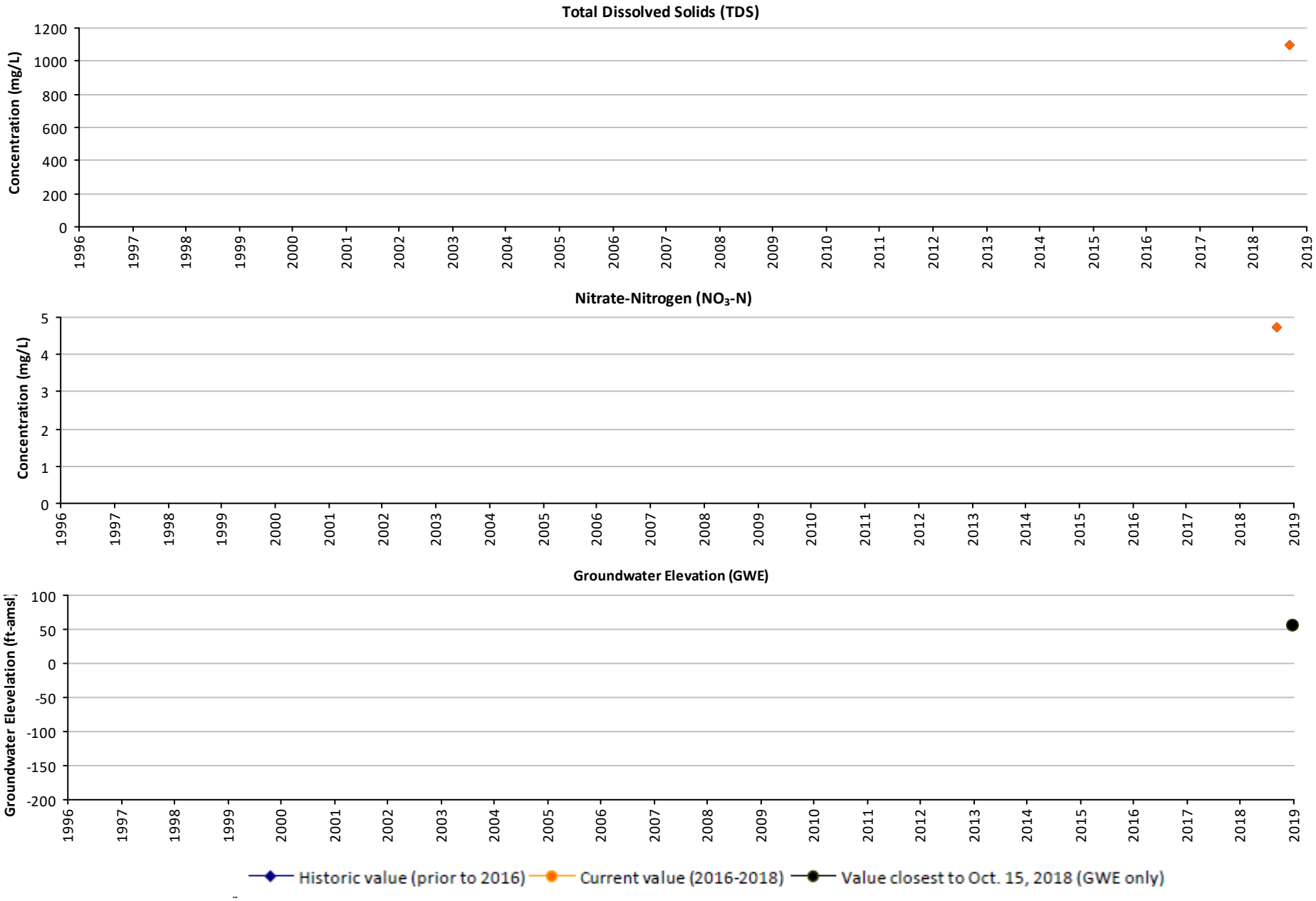

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

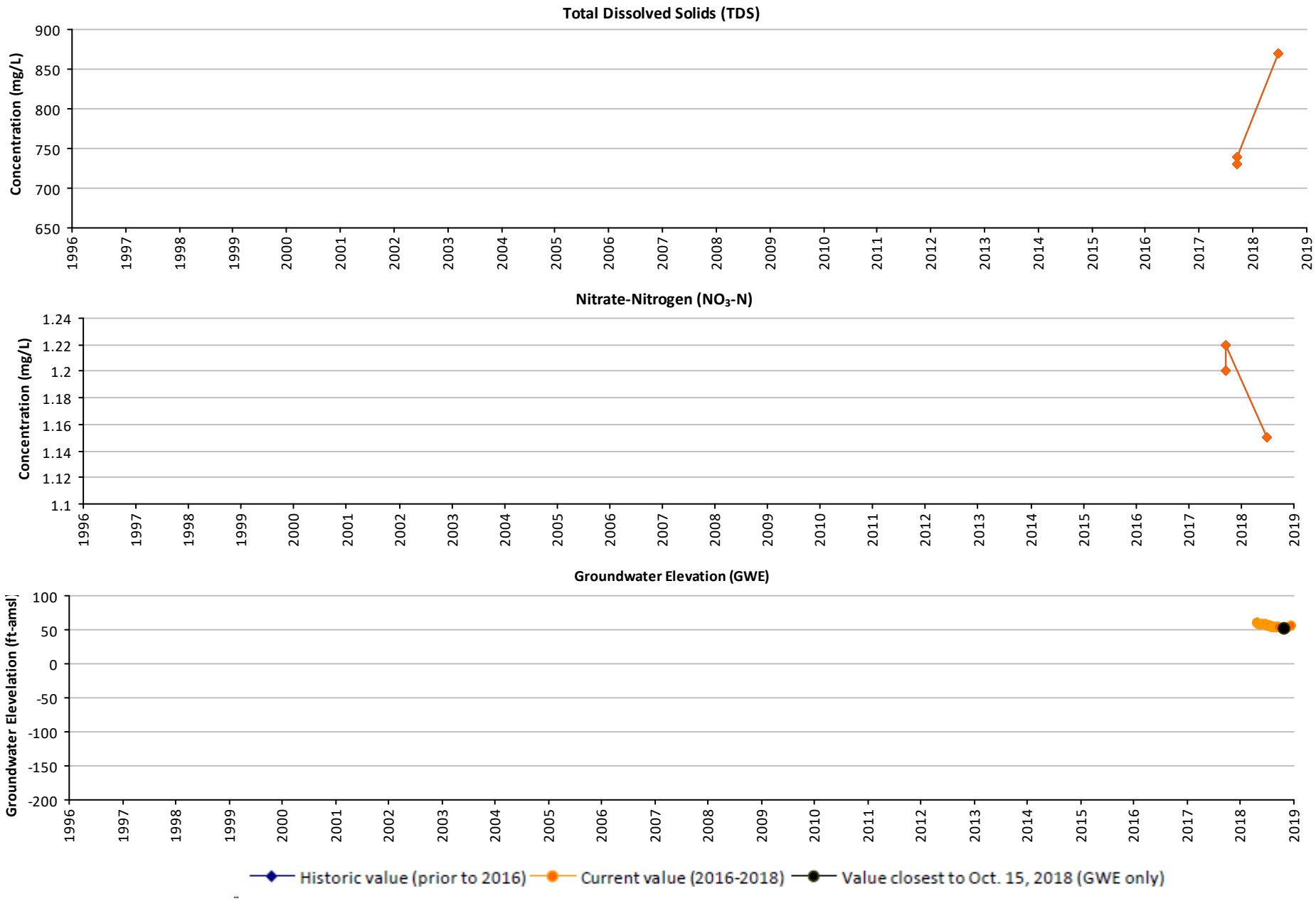

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

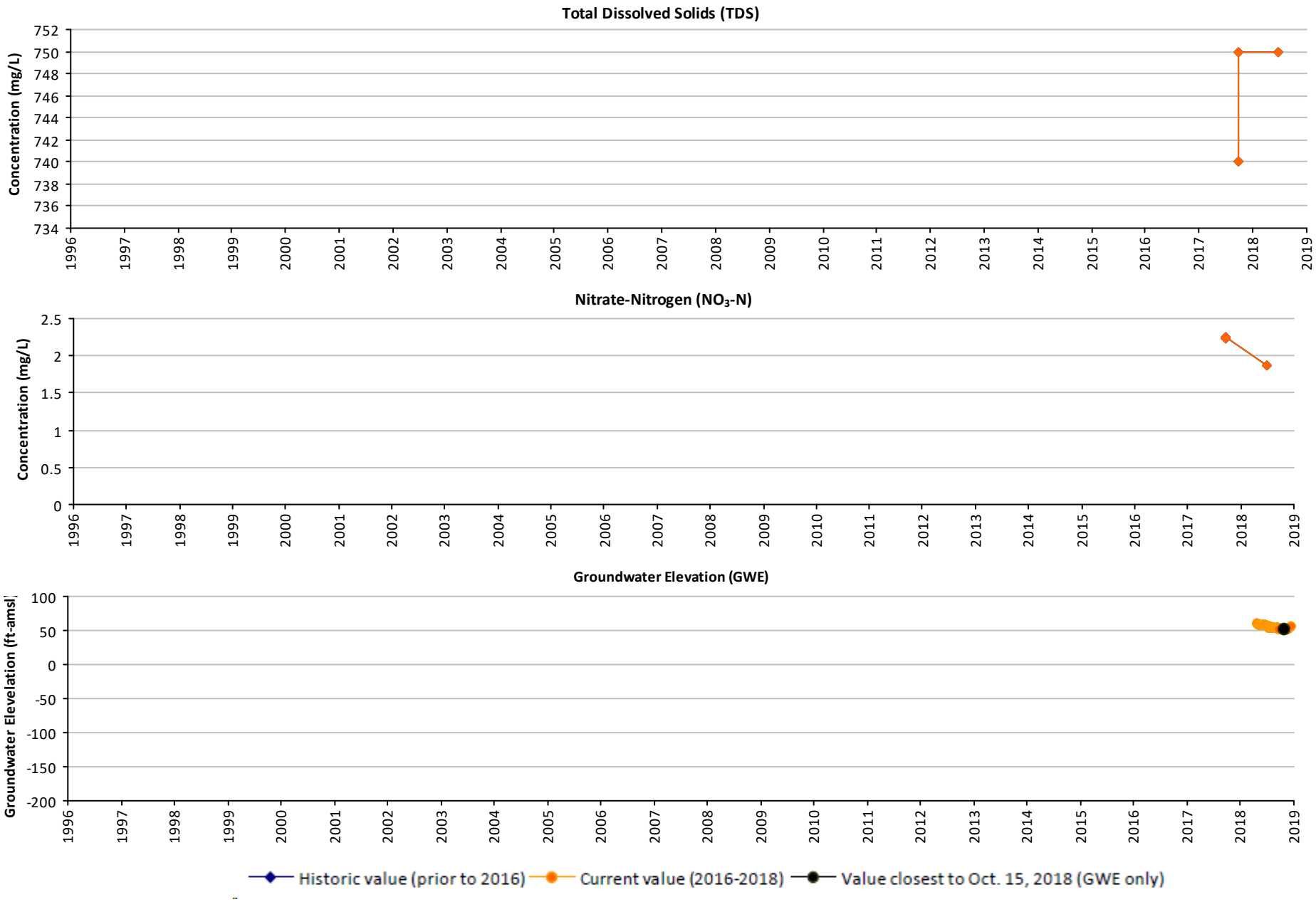

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

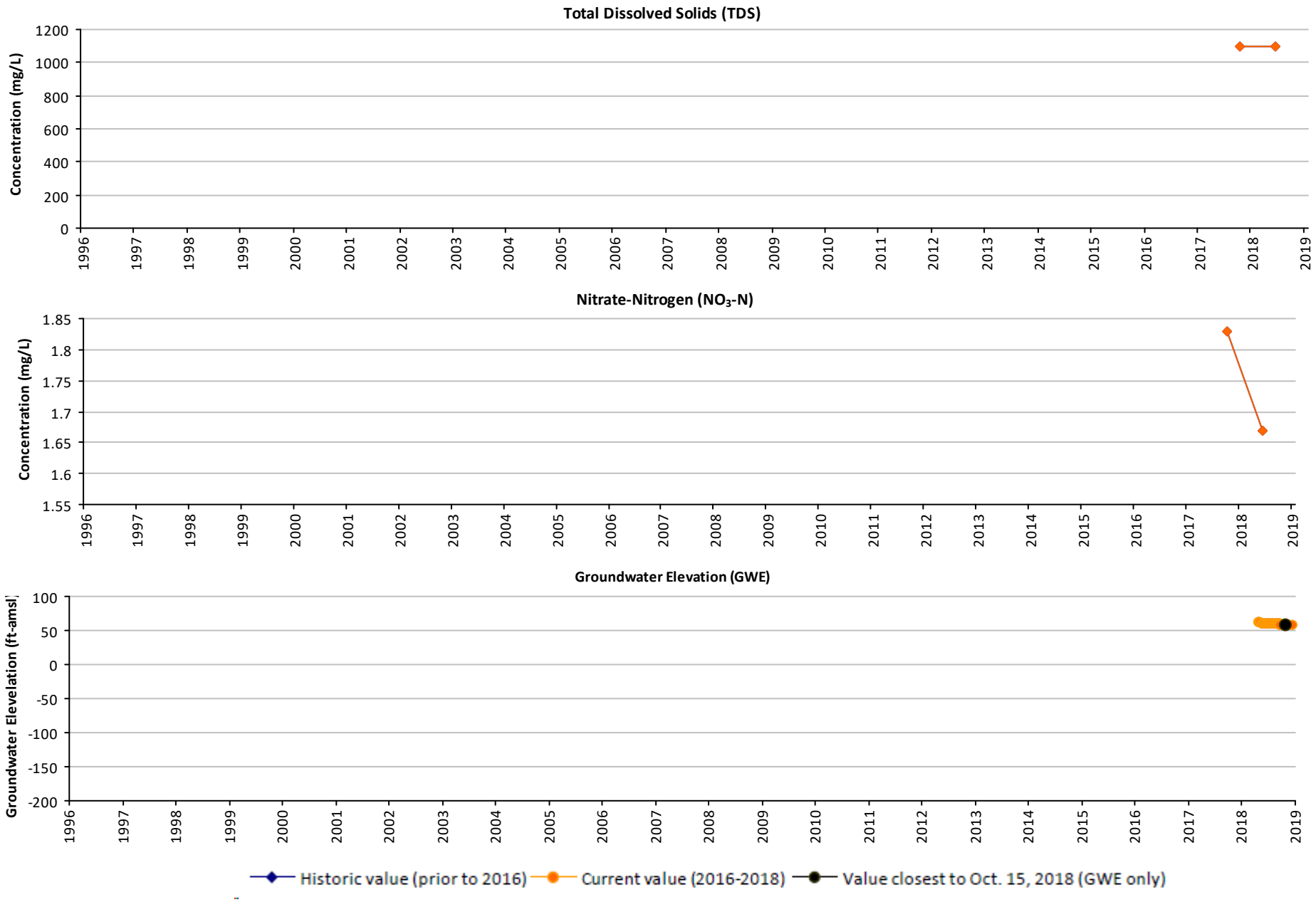

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

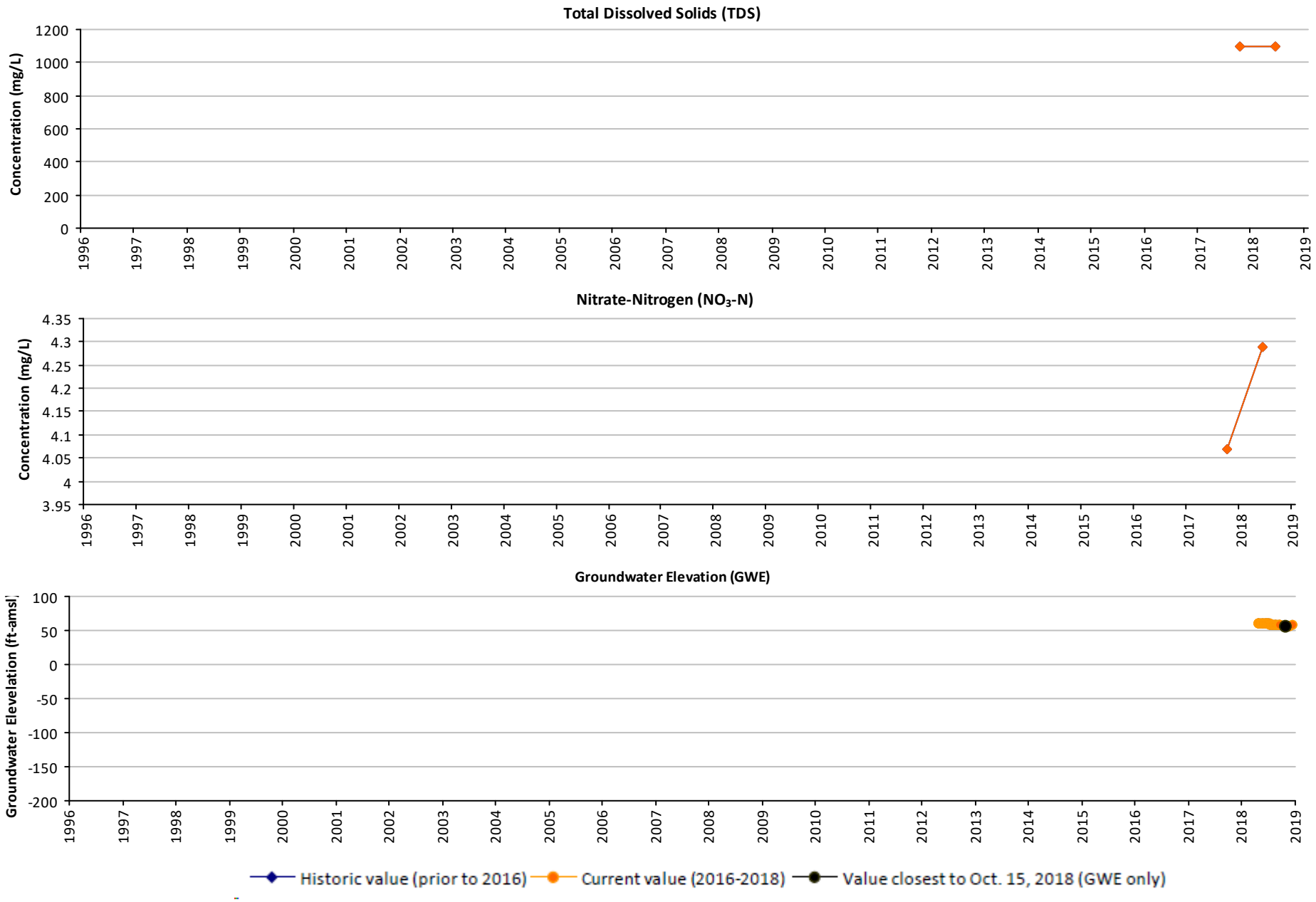

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

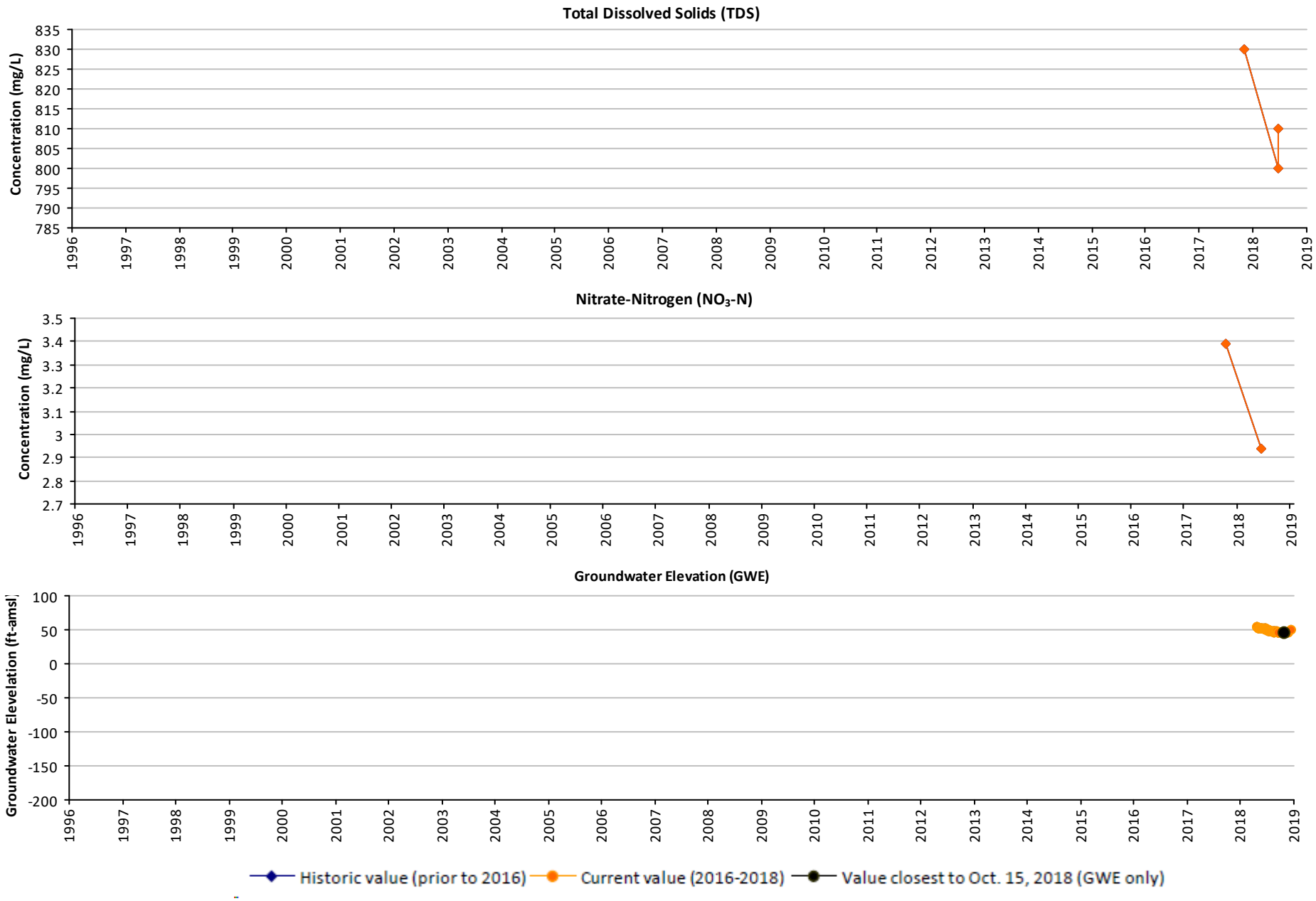

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
850
800
750
700
650
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.24
1.22
1.2
1.18
1.16
1.14
1.12
1.1
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

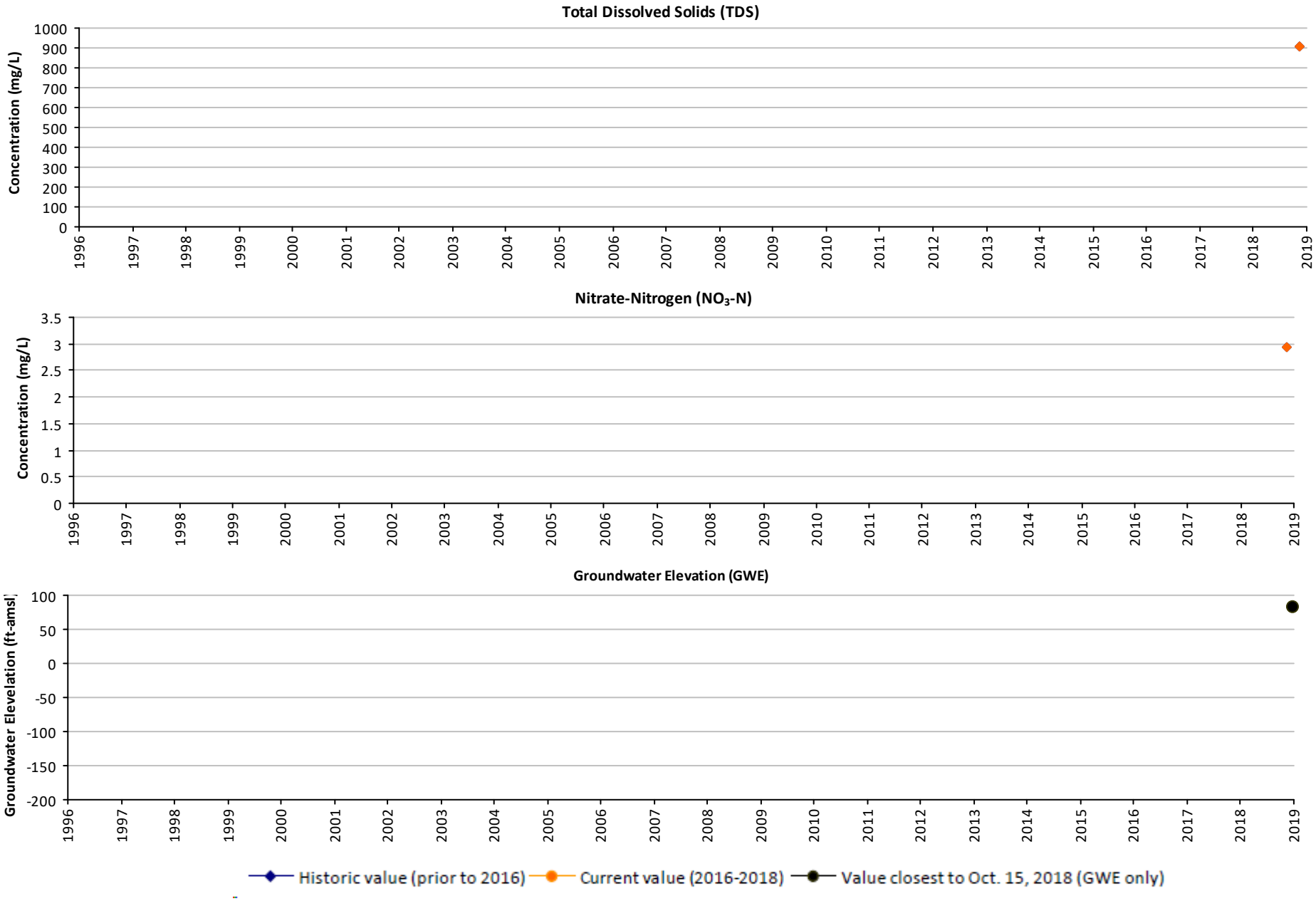

Total Dissolved Solids (TDS)
Concentration (mg/L)
752
750
748
746
744
742
740
738
736
734
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

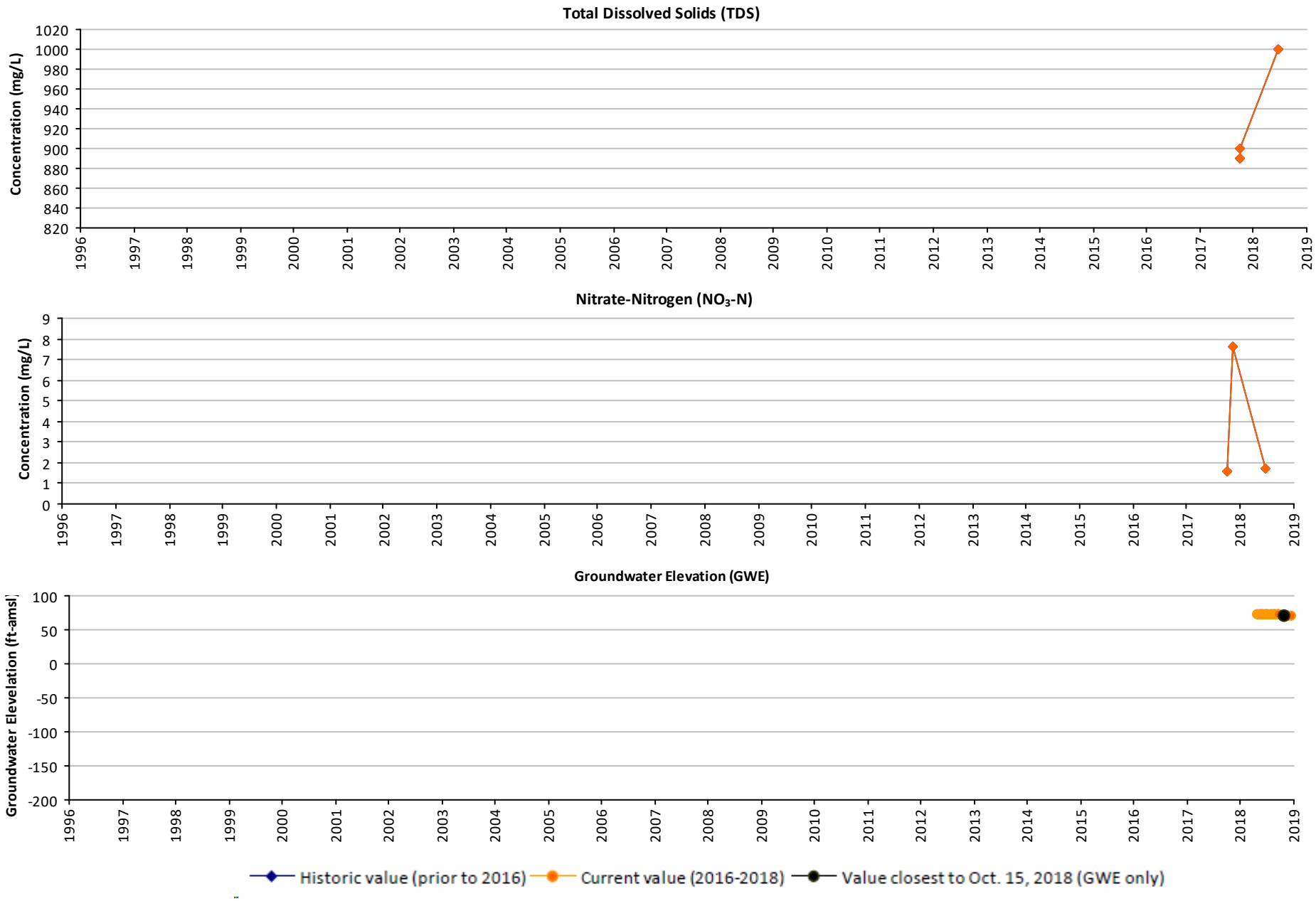

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.85
1.8
1.75
1.7
1.65
1.6
1.55
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

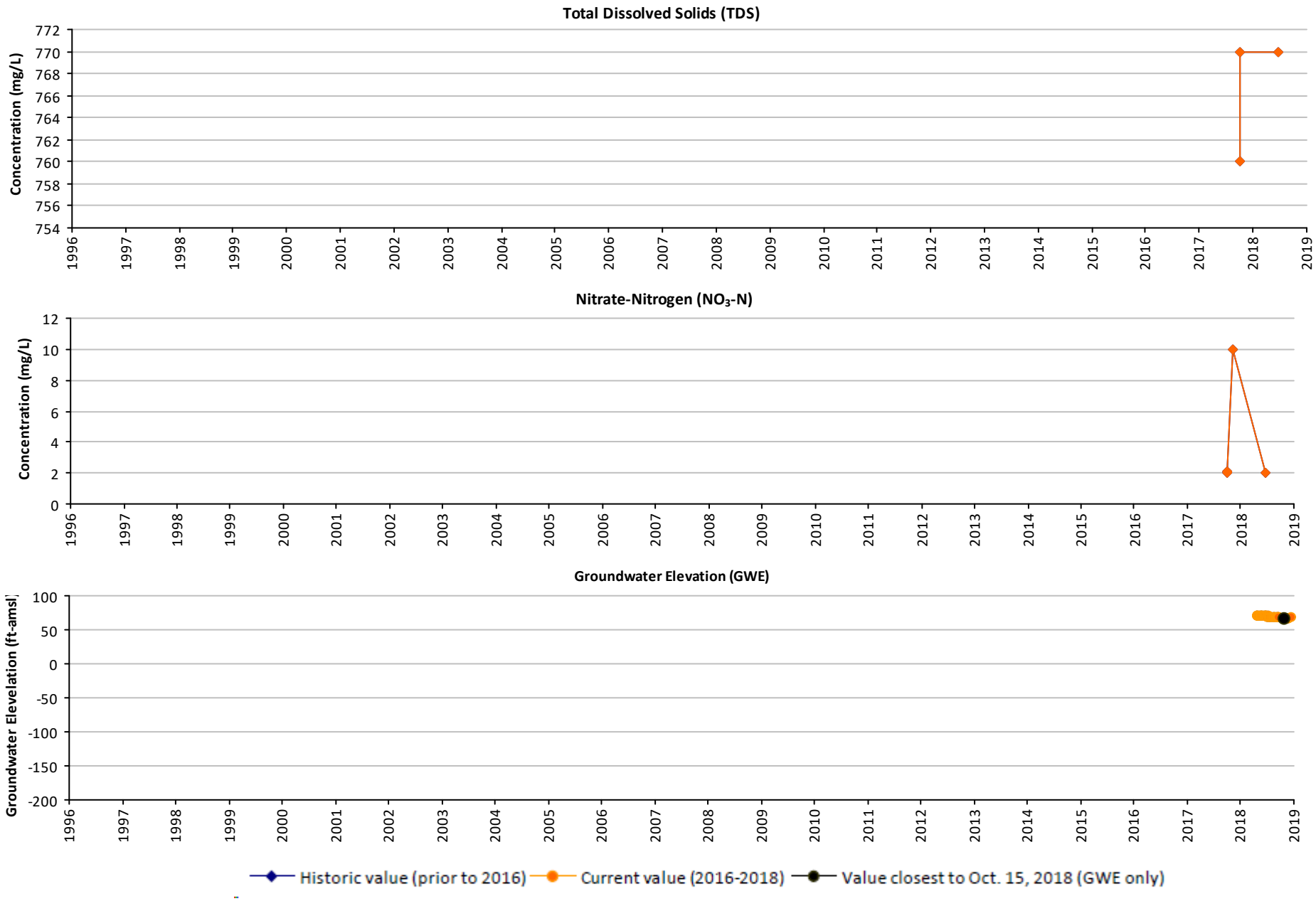

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.35
4.3
4.25
4.2
4.15
4.1
4.05
4
3.95
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

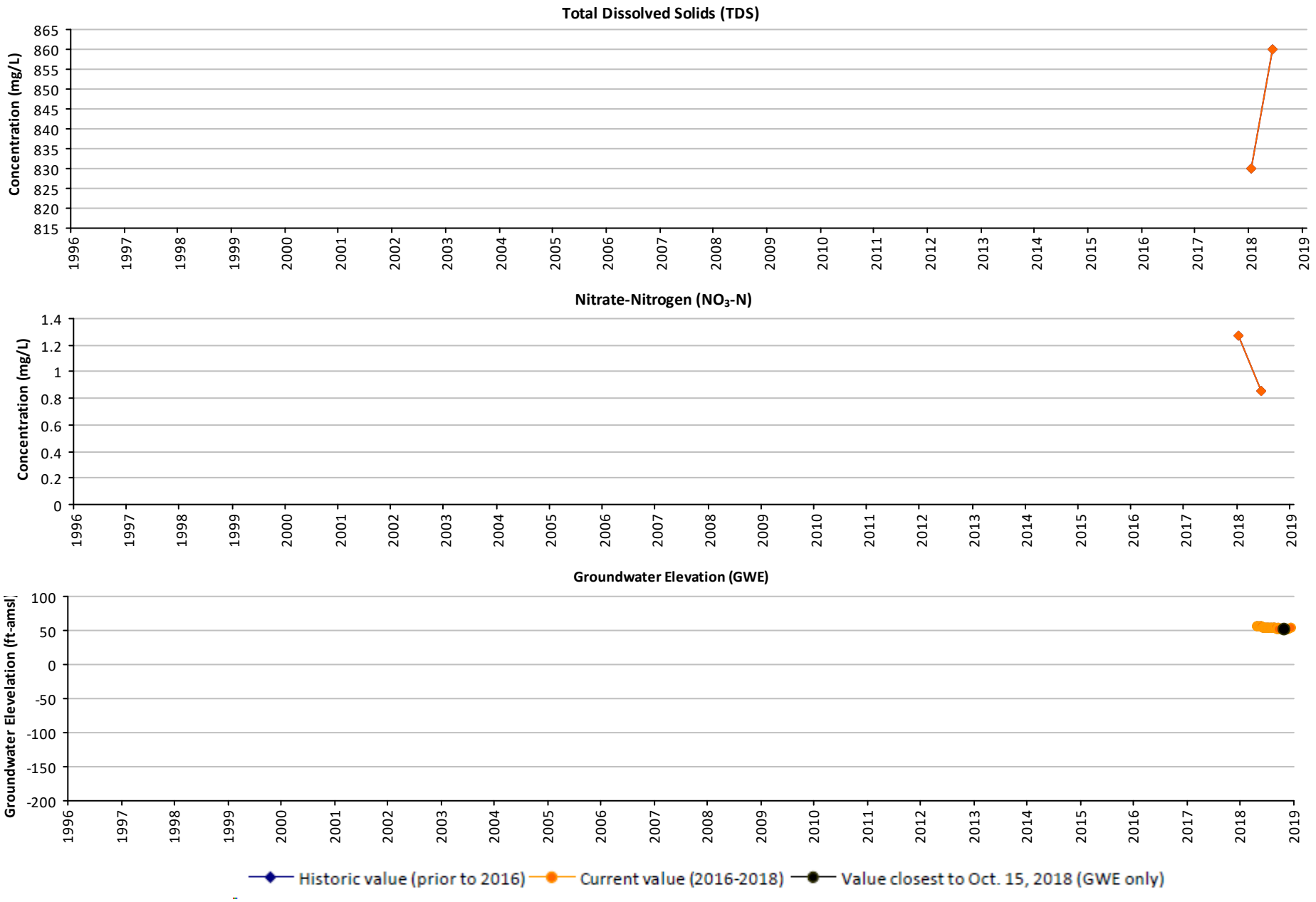

Total Dissolved Solids (TDS)
Concentration (mg/L)
835
830
825
820
815
810
805
800
795
790
785
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

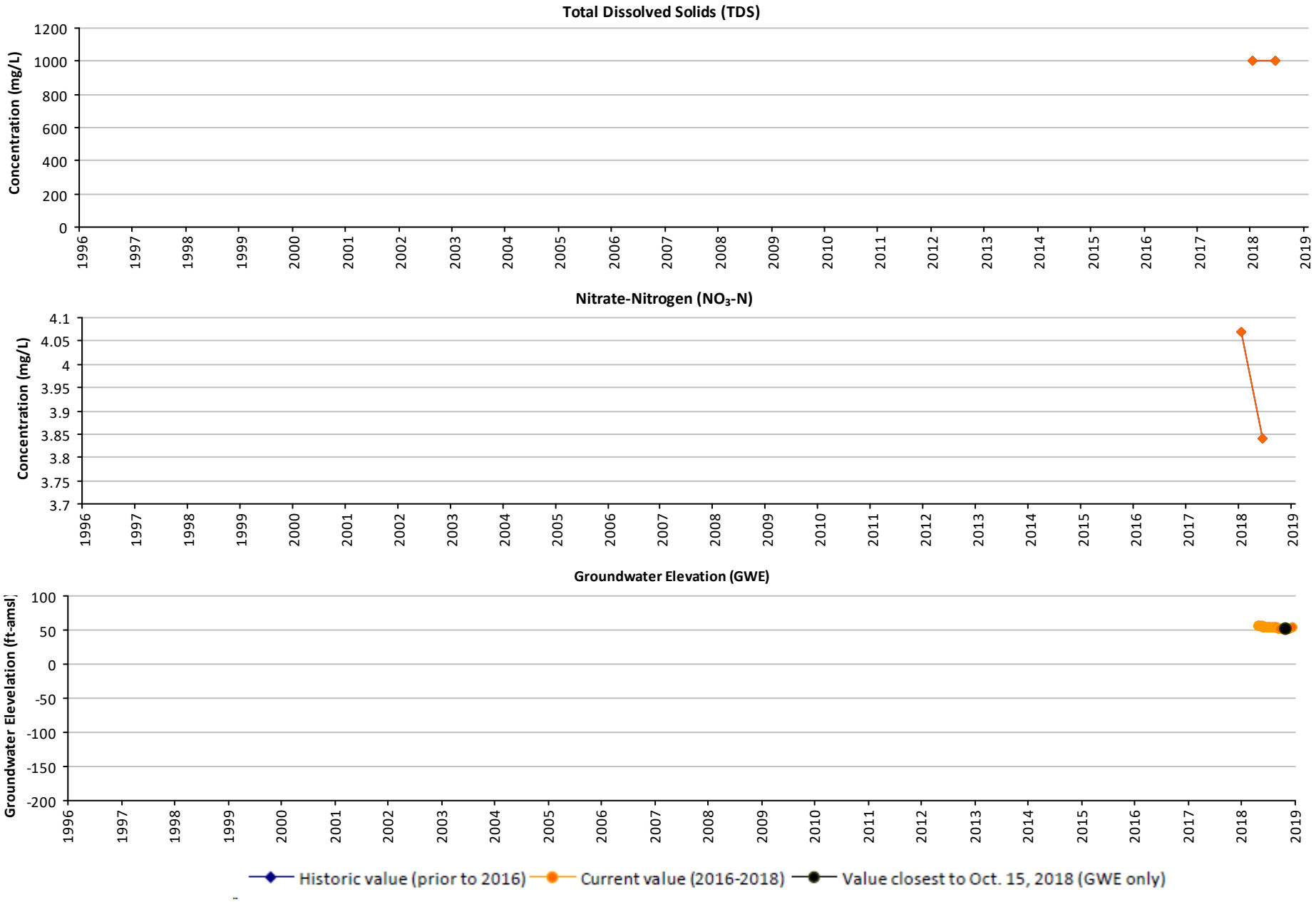
Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

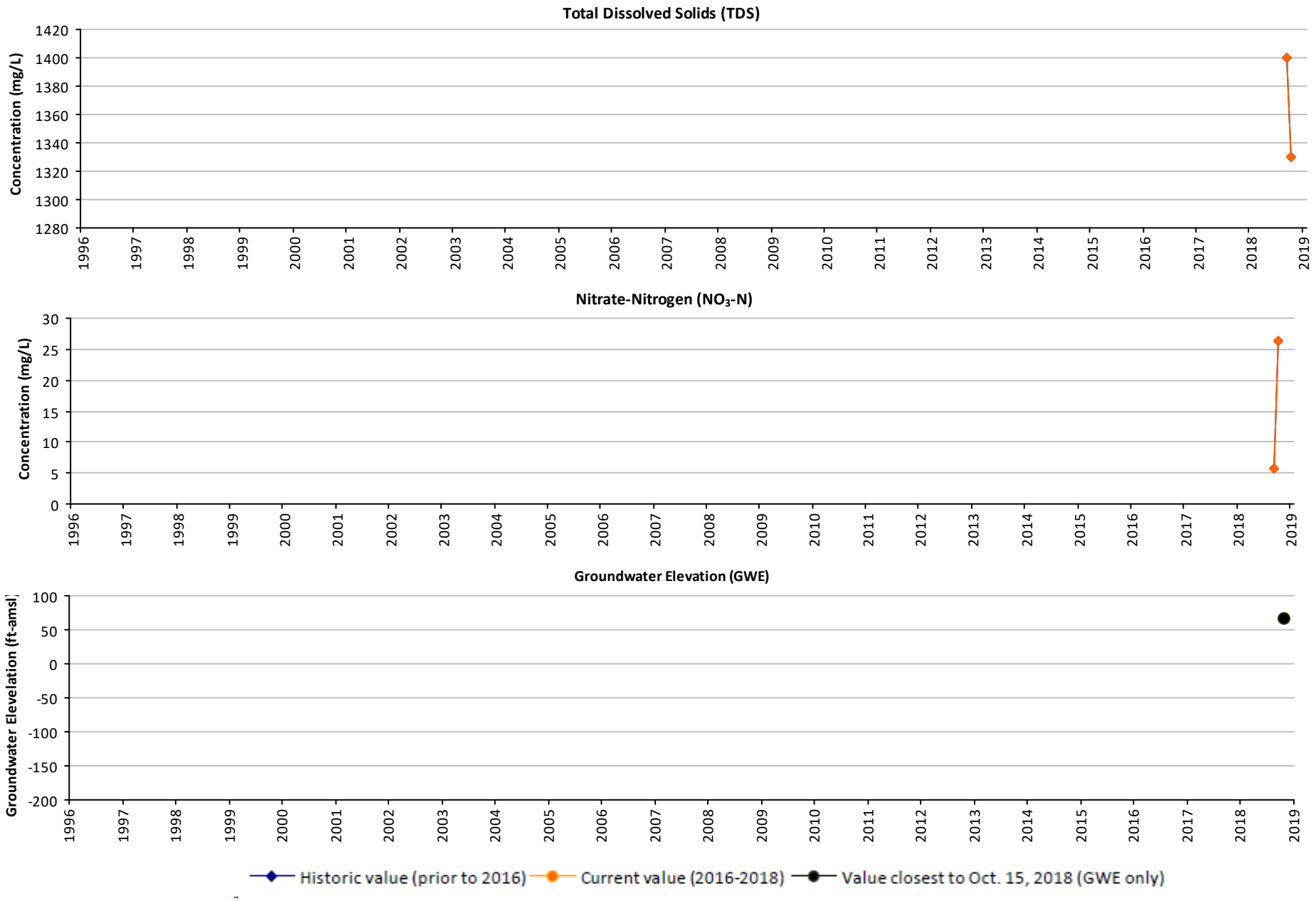

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

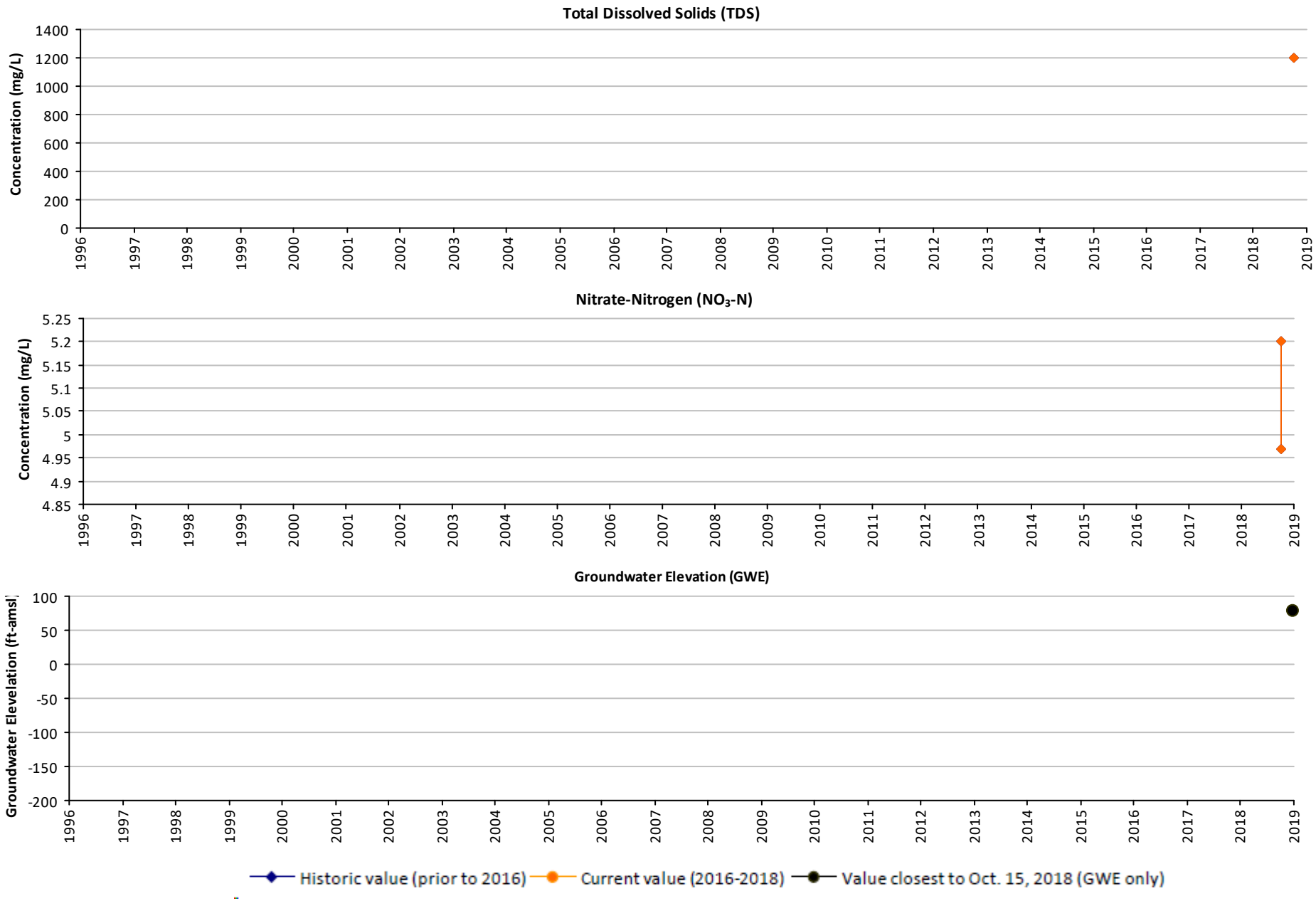

Total Dissolved Solids (TDS)
Concentration (mg/L)
1020
1000
980
960
940
920
900
880
860
840
820
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

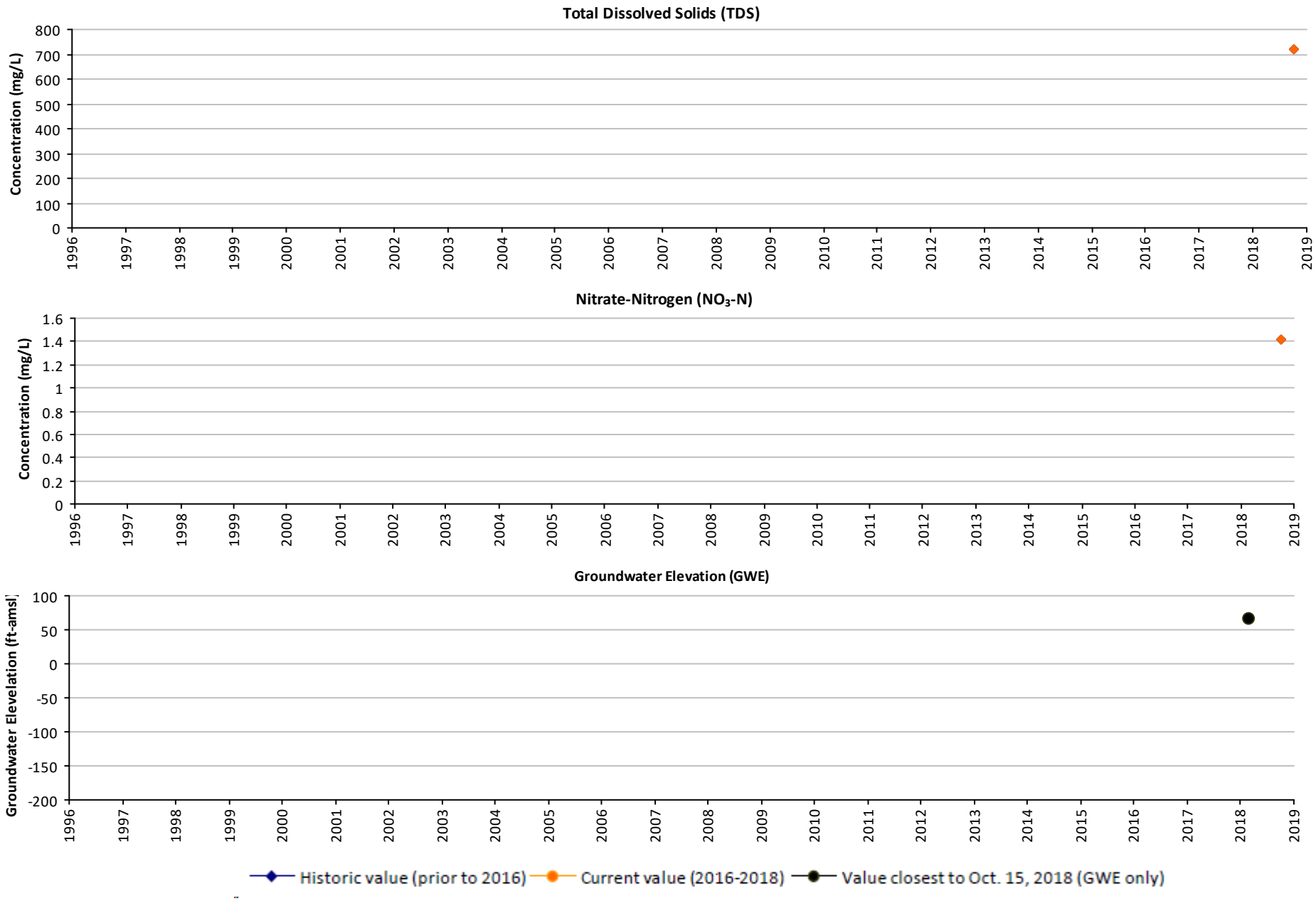

Total Dissolved Solids (TDS)
Concentration (mg/L)
772
770
768
766
764
762
760
758
756
754
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

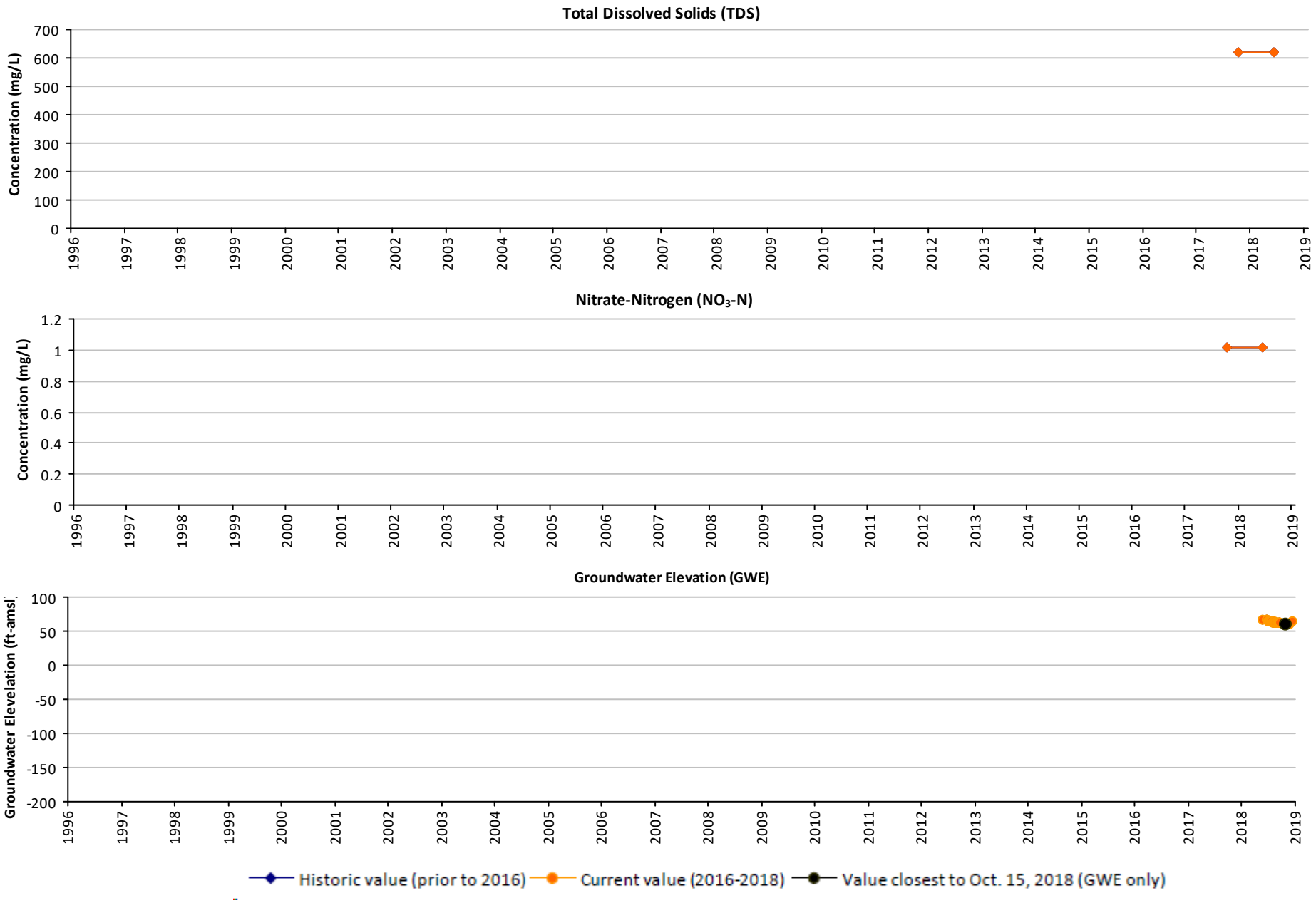

Total Dissolved Solids (TDS)
Concentration (mg/L)
865
860
855
850
845
840
835
830
825
820
815
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

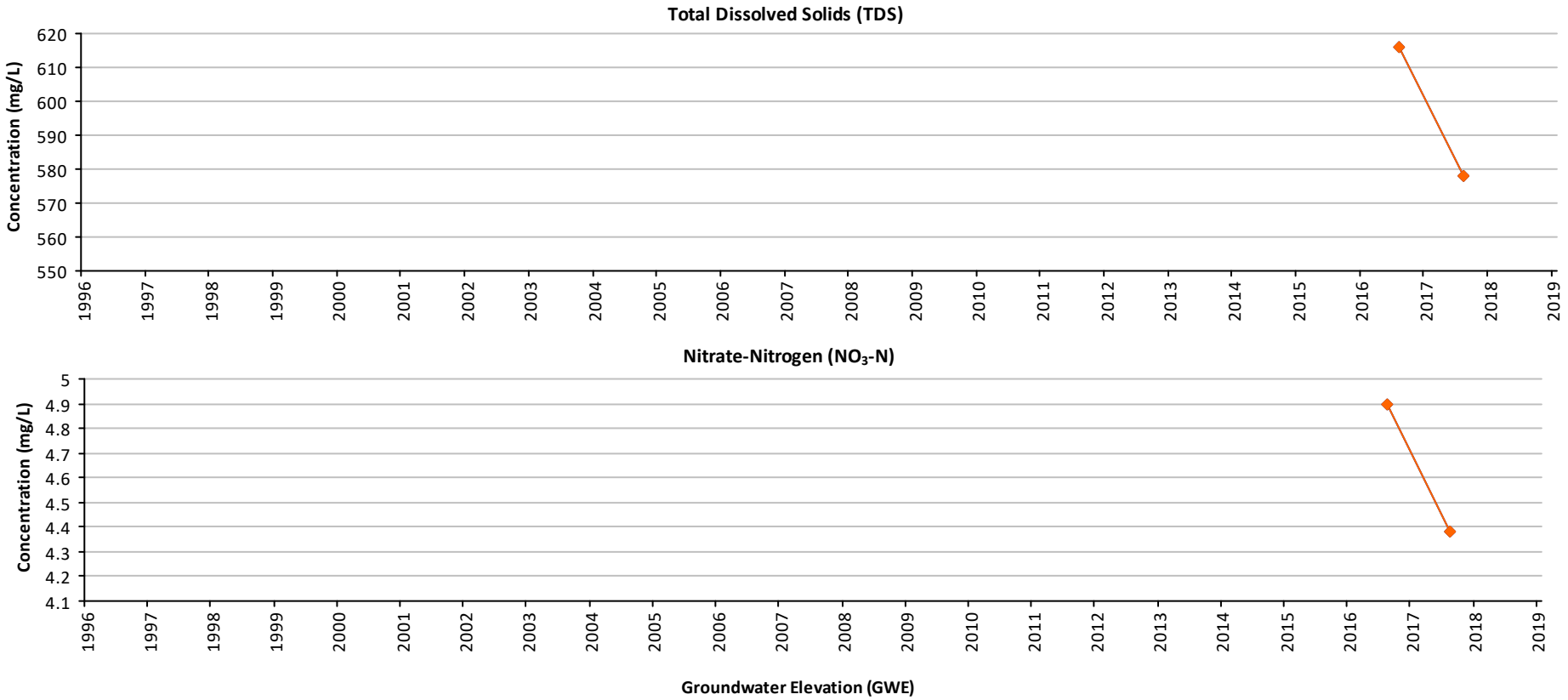

Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.1
4.05
4
3.95
3.9
3.85
3.8
3.75
3.7
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

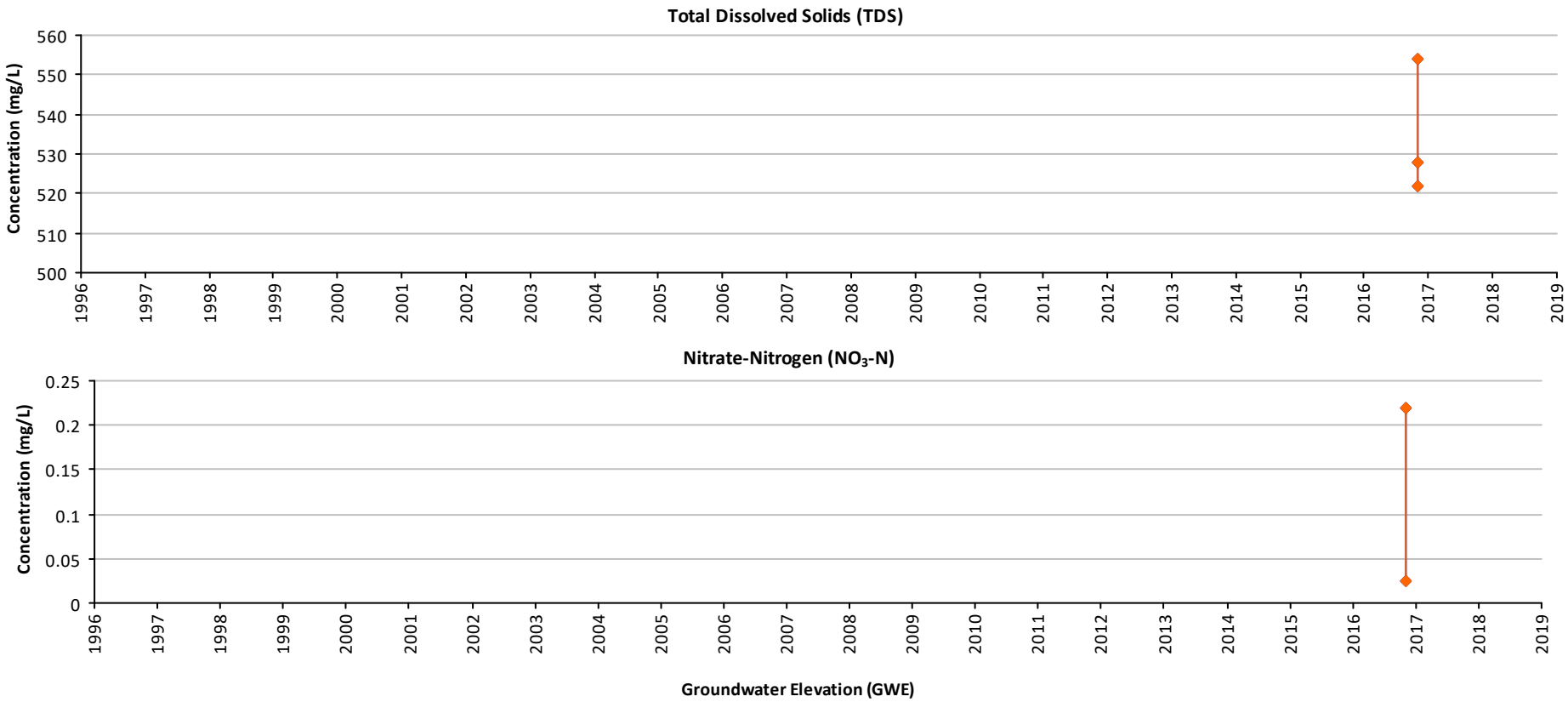

Total Dissolved Solids (TDS)
Concentration (mg/L)
1420
1400
1380
1360
1340
1320
1300
1280
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

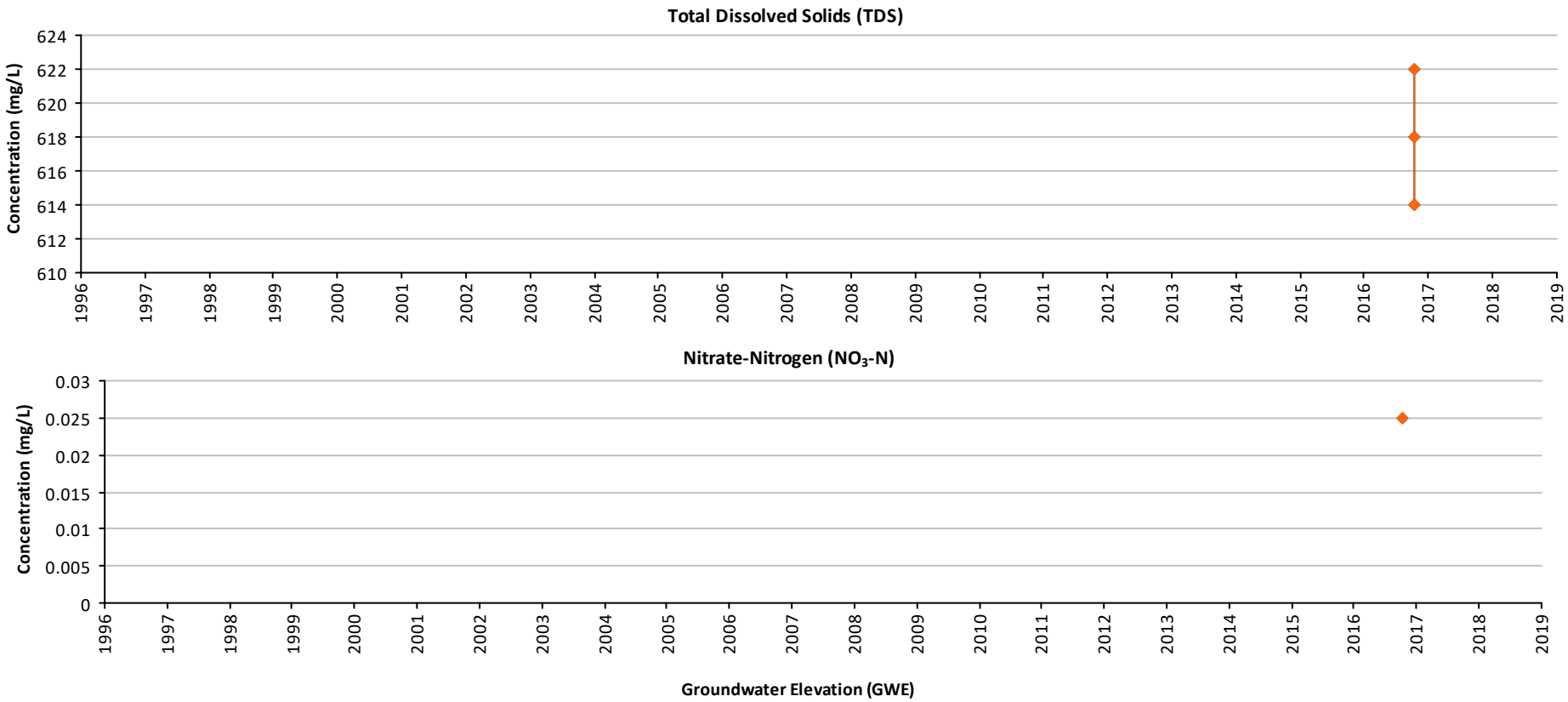

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5.25
5.2
5.15
5.1
5.05
5
4.95
4.9
4.85
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

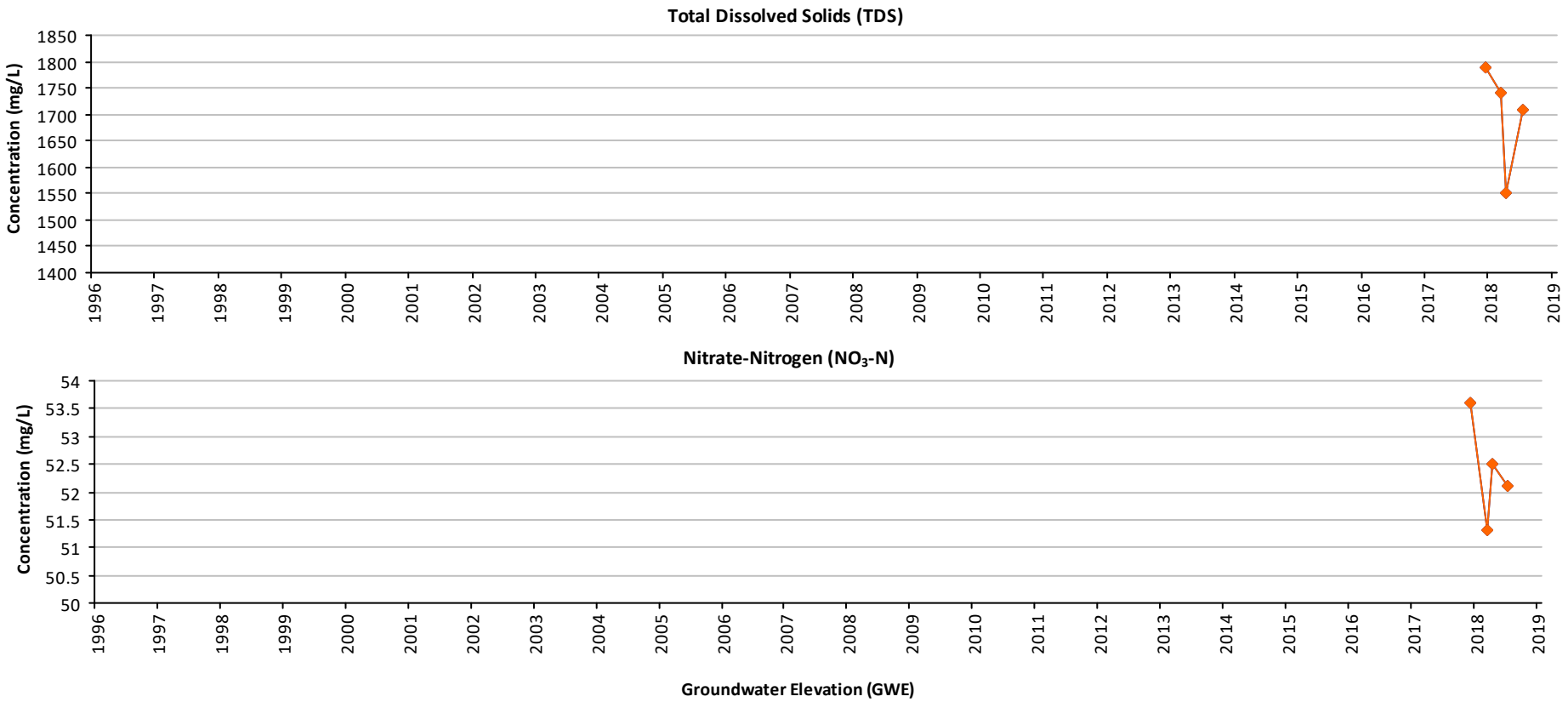

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

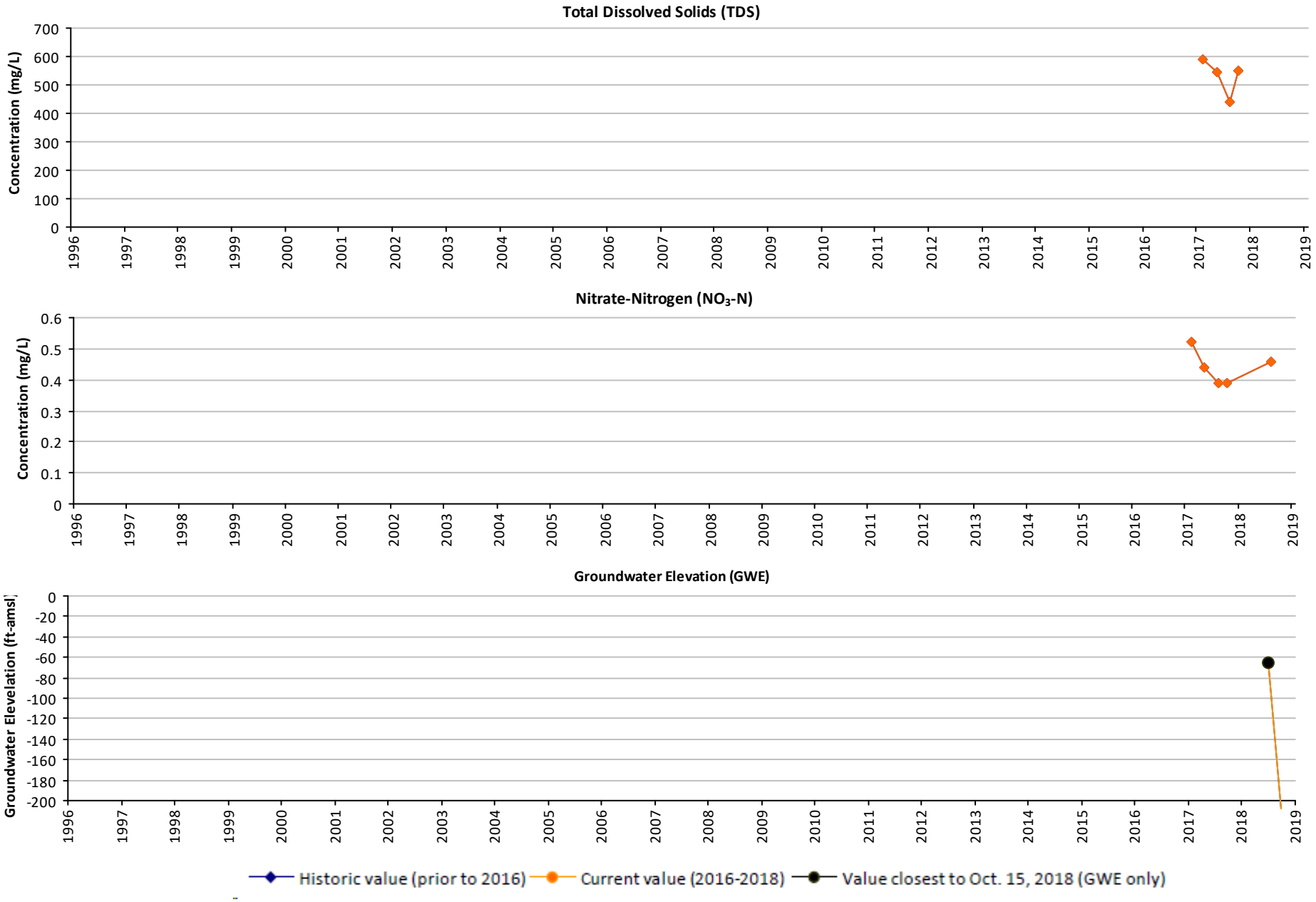

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

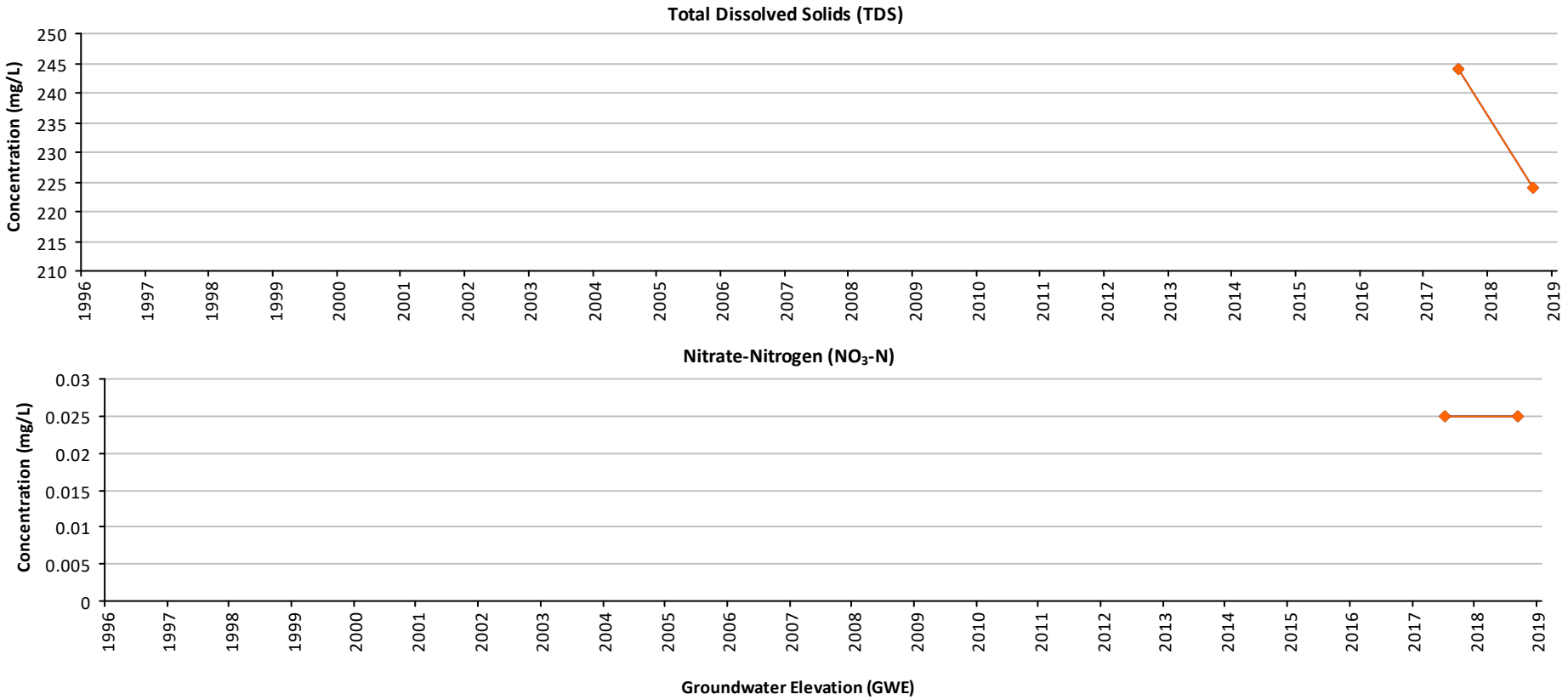

Total Dissolved Solids (TDS)
Concentration (mg/L)
620
610
600
590
580
570
560
550
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4.9
4.8
4.7
4.6
4.5
4.4
4.3
4.2
4.1
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

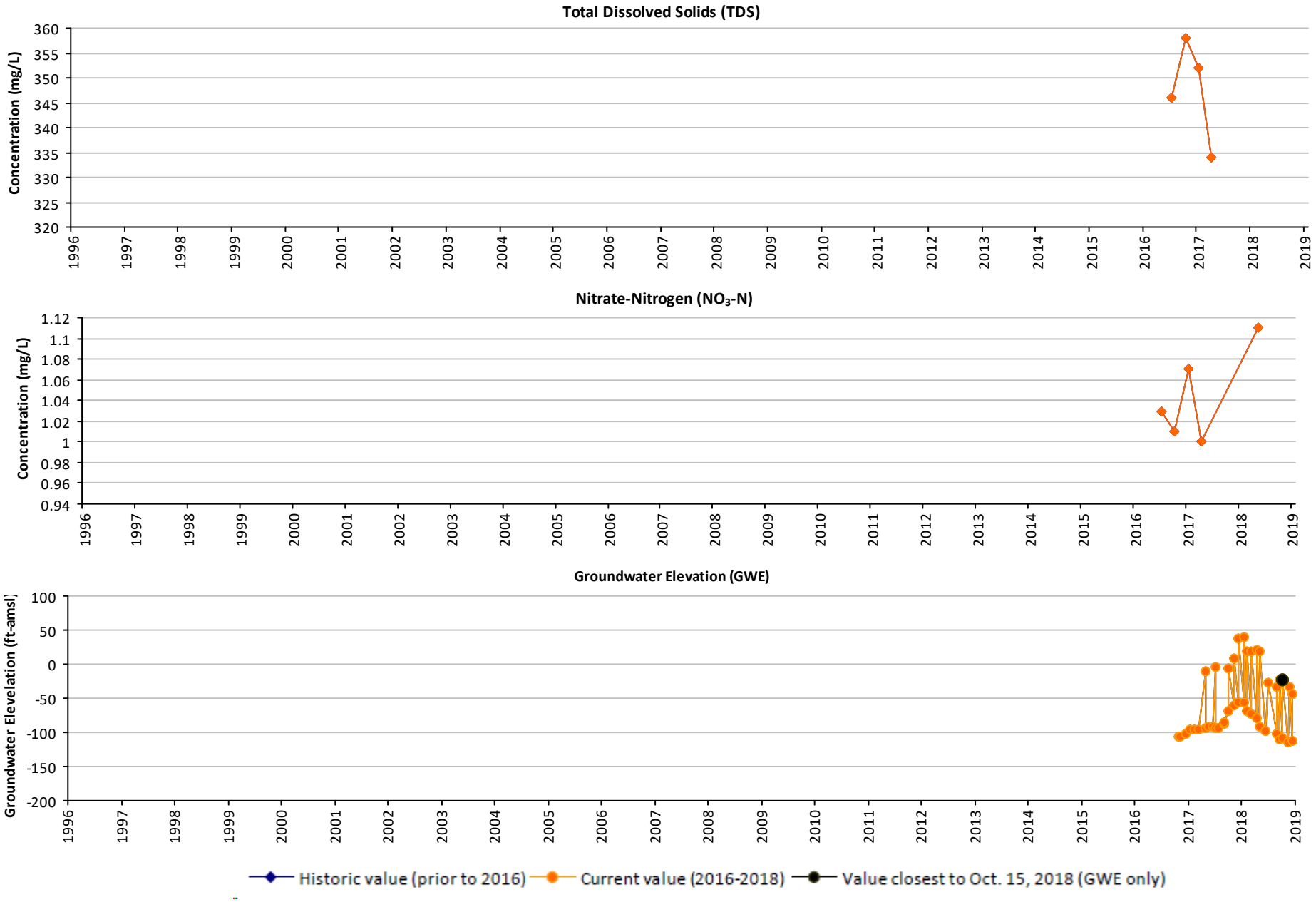

Total Dissolved Solids (TDS)
Concentration (mg/L)
560
550
540
530
520
510
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
624
622
620
618
616
614
612
610
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1850
1800
1750
1700
1650
1600
1550
1500
1450
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
54
53.5
53
52.5
52
51.5
51
50.5
50
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
245
240
235
230
225
220
215
210
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

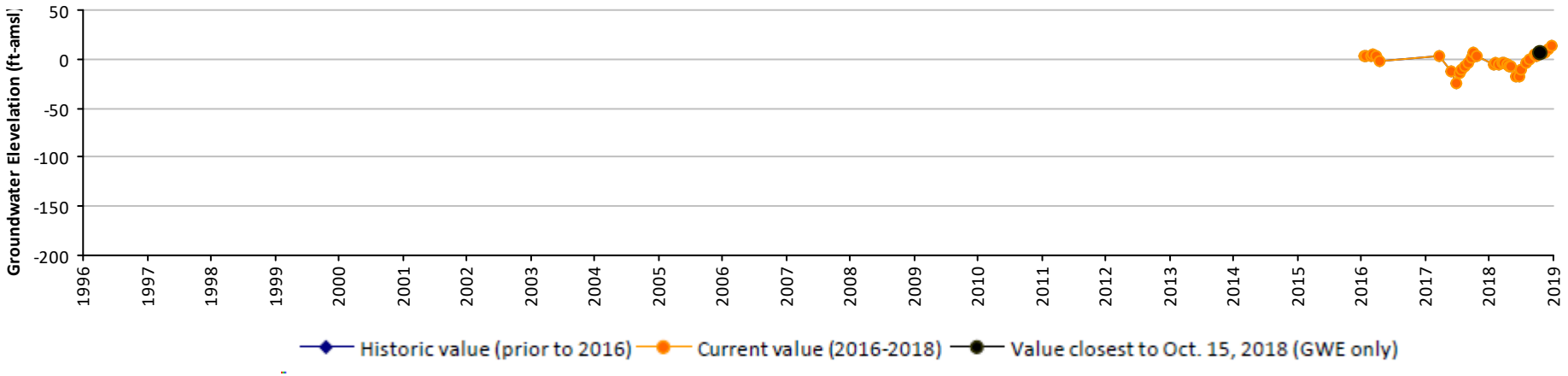

Total Dissolved Solids (TDS)
Concentration (mg/L)
360
355
350
345
340
335
330
325
320
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.12
1.1
1.08
1.06
1.04
1.02
1
0.98
0.96
0.94
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

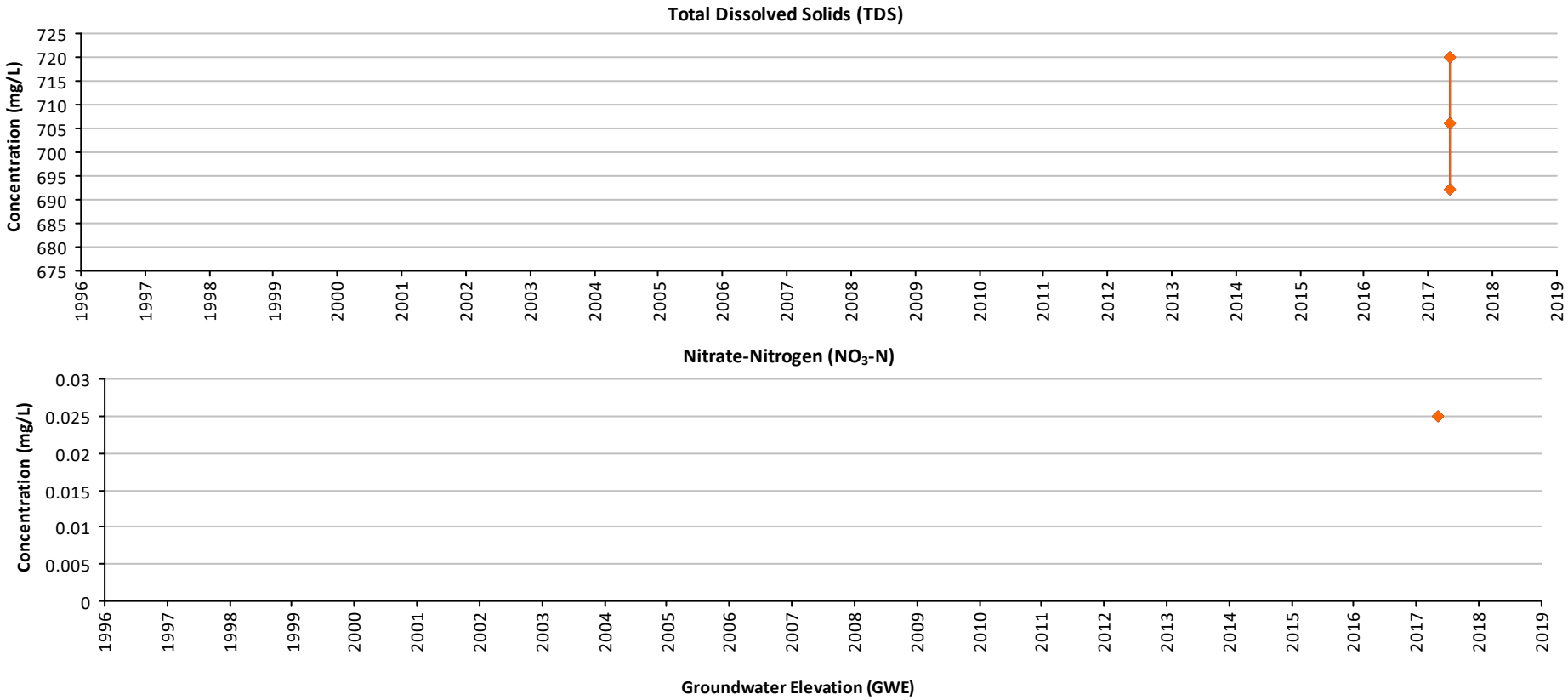
Total Dissolved Solids (TDS)
Concentration (mg/L)
588.5
588
587.5
587
586.5
586
585.5
585
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.12
1.11
1.1
1.09
1.08
1.07
1.06
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

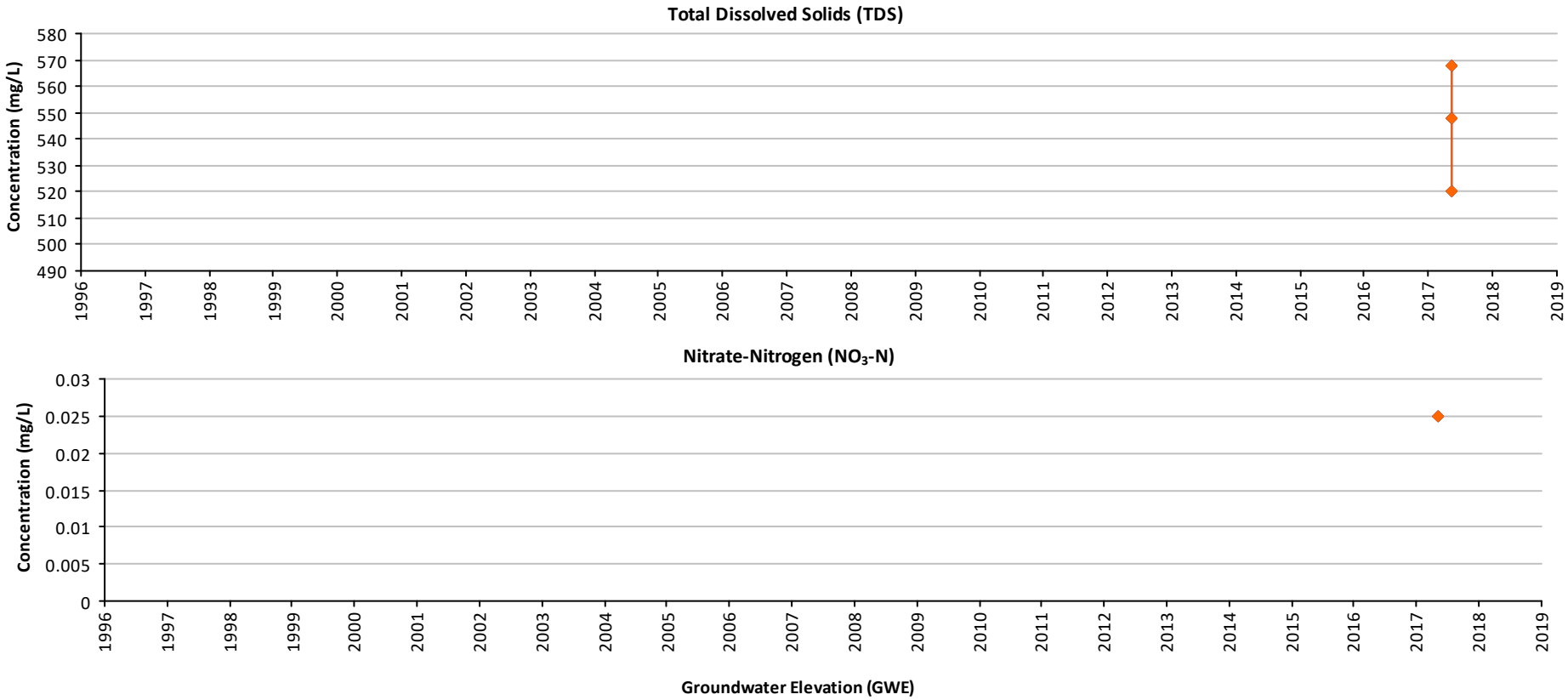
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

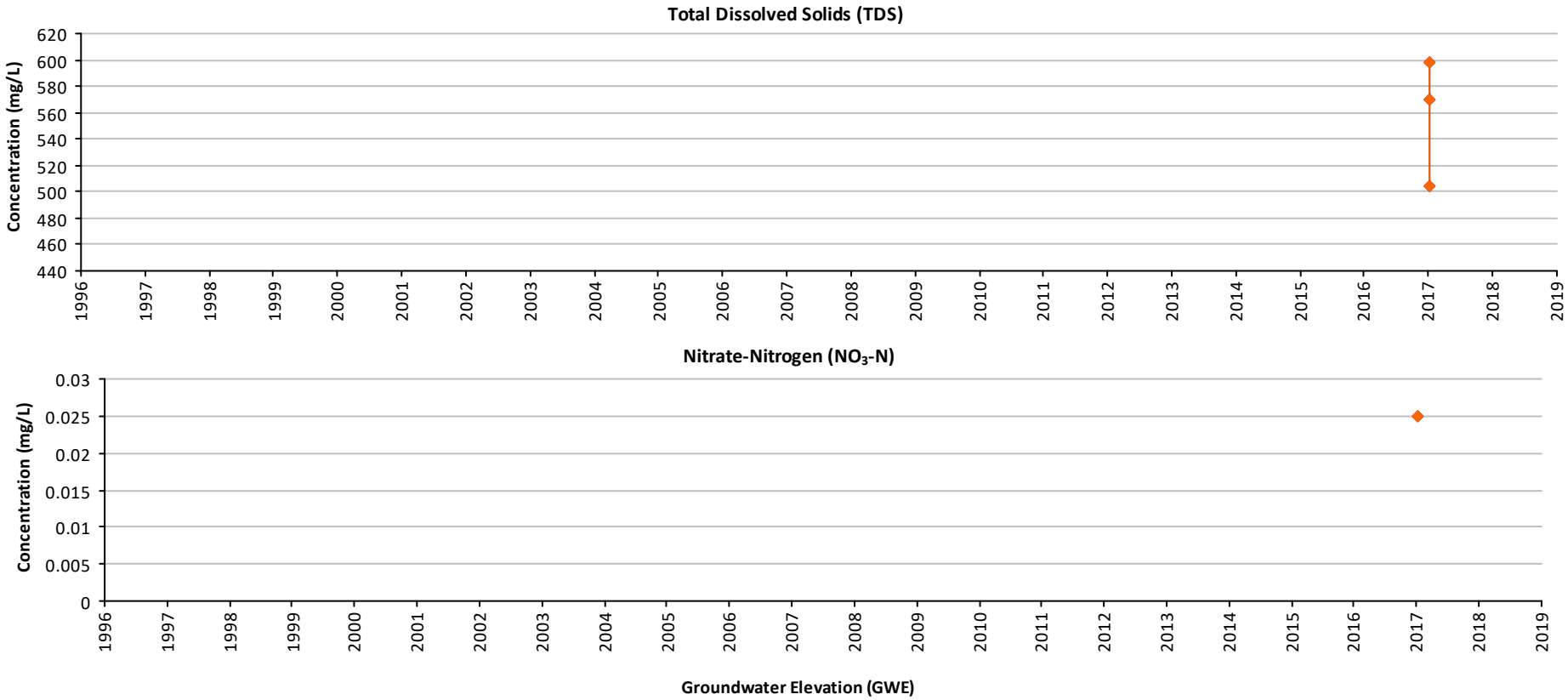
Groundwater Elevation (GWE)

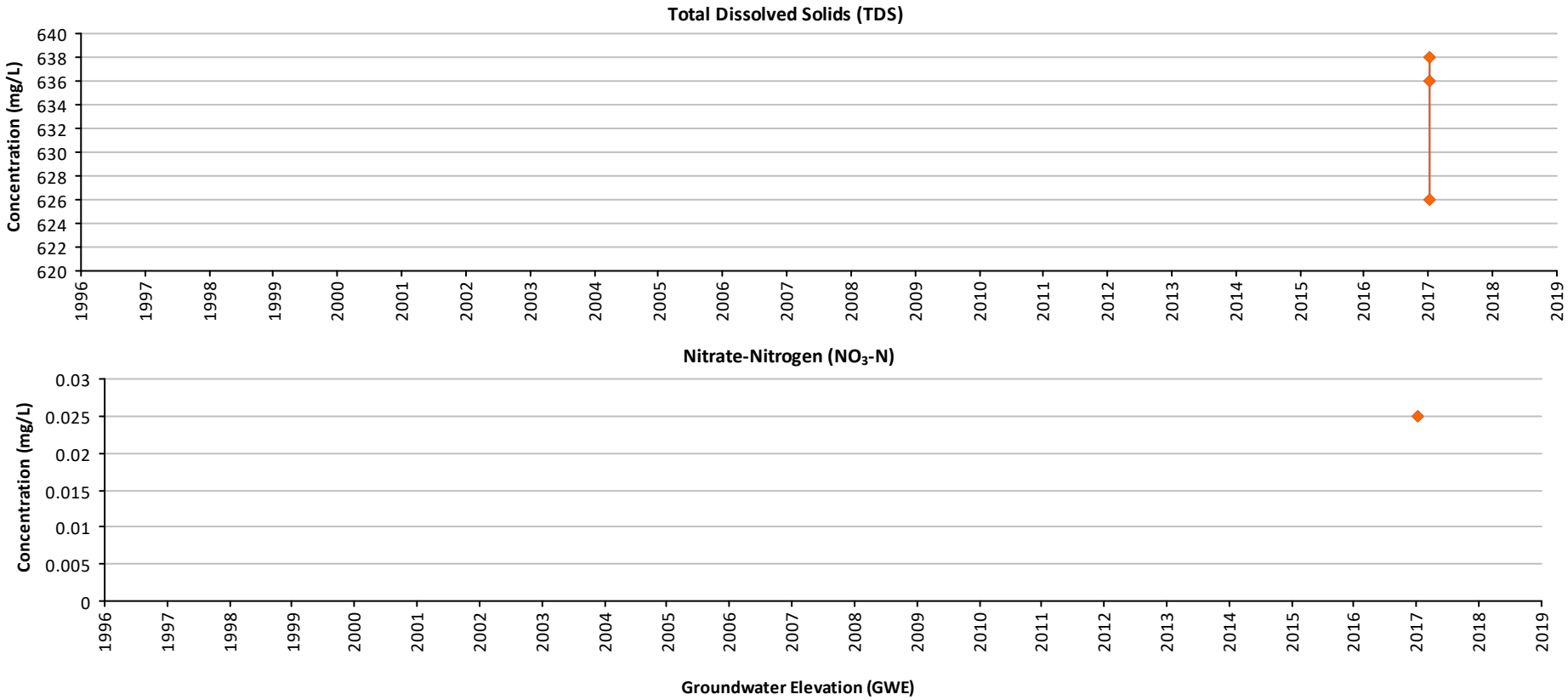


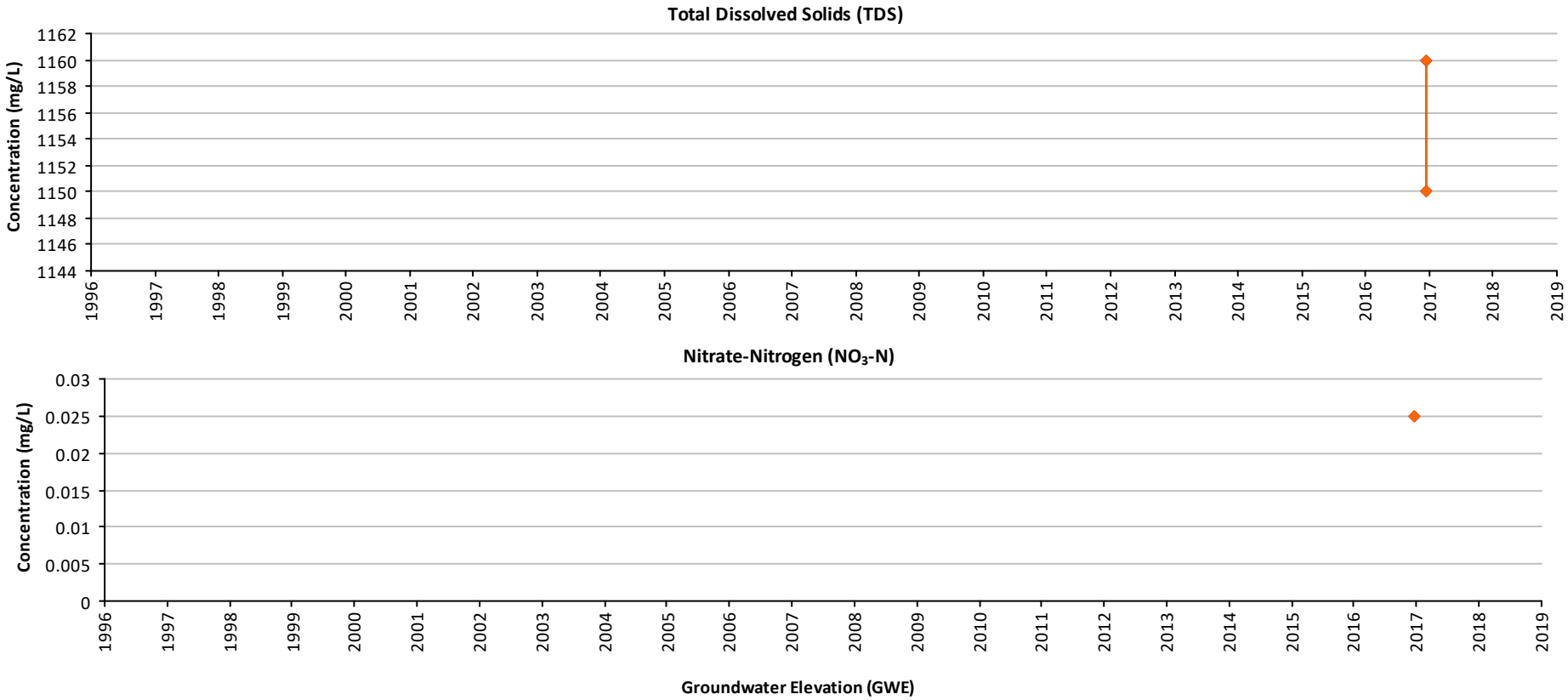

Total Dissolved Solids (TDS)
Concentration (mg/L)
725
720
715
710
705
700
695
690
685
680
675
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

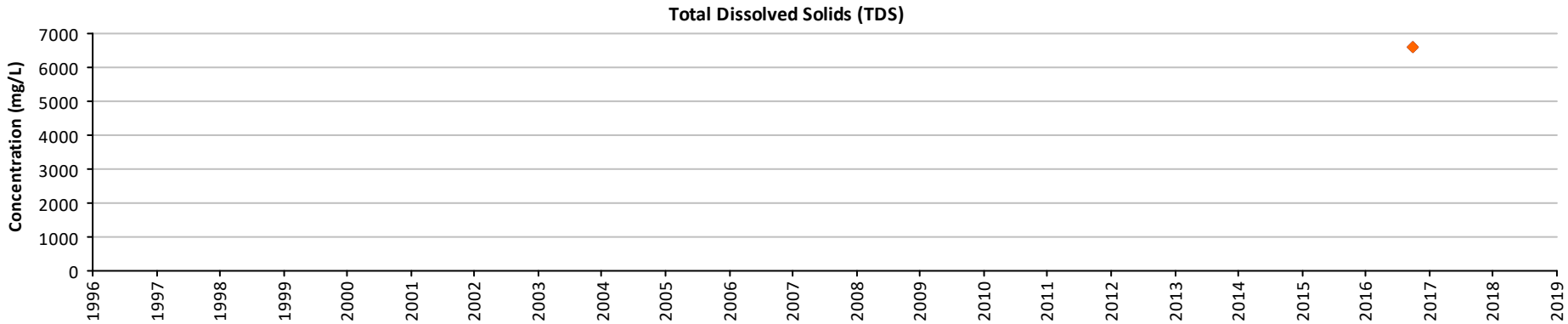

Total Dissolved Solids (TDS)
Concentration (mg/L)
580
570
560
550
540
530
520
510
500
490
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

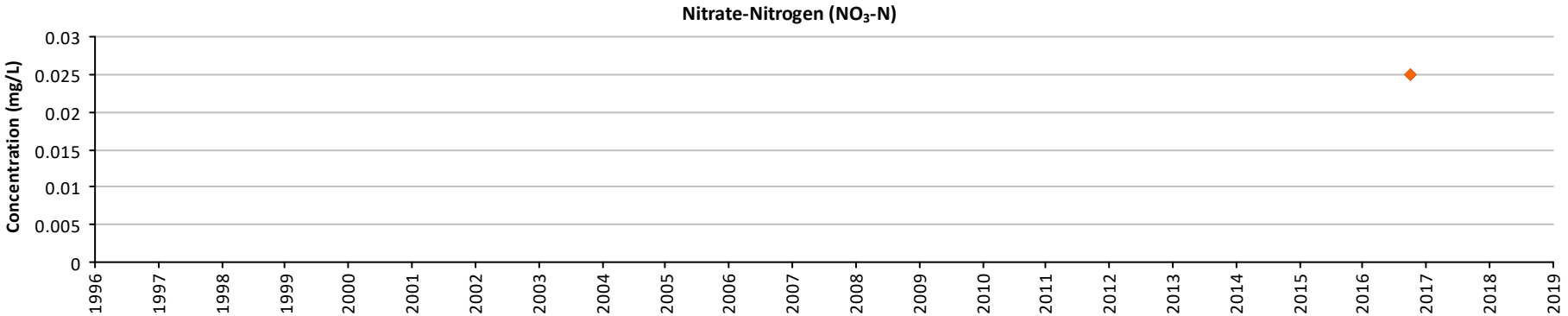
Total Dissolved Solids (TDS)
Concentration (mg/L)
4300
4280
4260
4240
4220
4200
4180
4160
4140
4120
4100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
620
600
580
560
540
520
500
480
460
440
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
640
638
636
634
632
630
628
626
624
622
620
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1162
1160
1158
1156
1154
1152
1150
1148
1146
1144
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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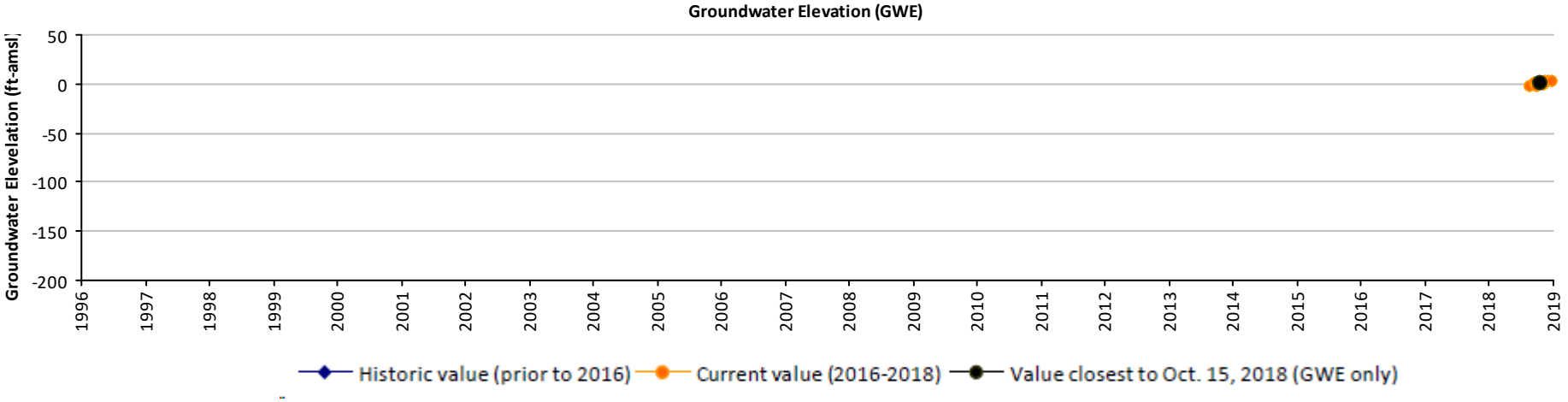
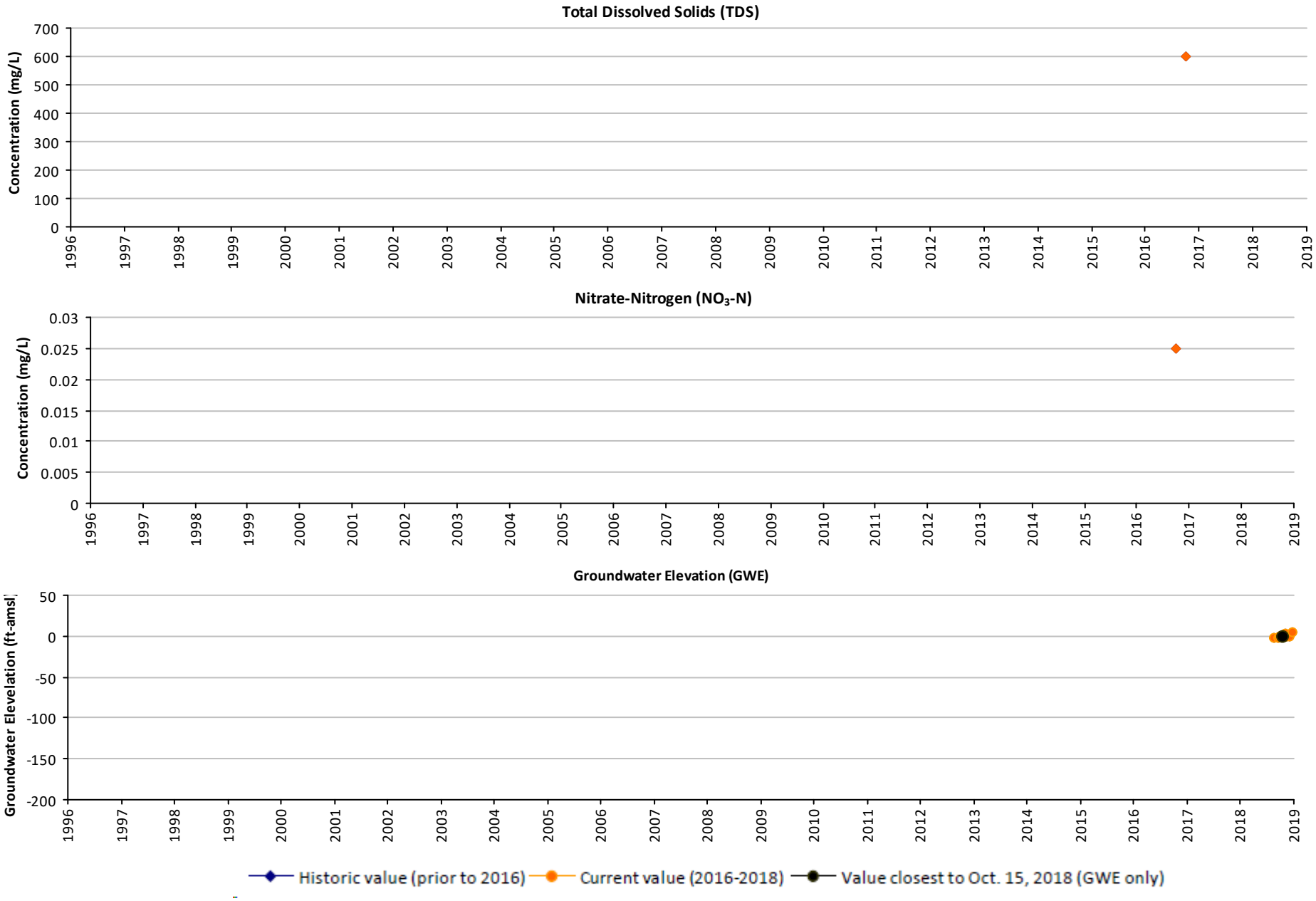
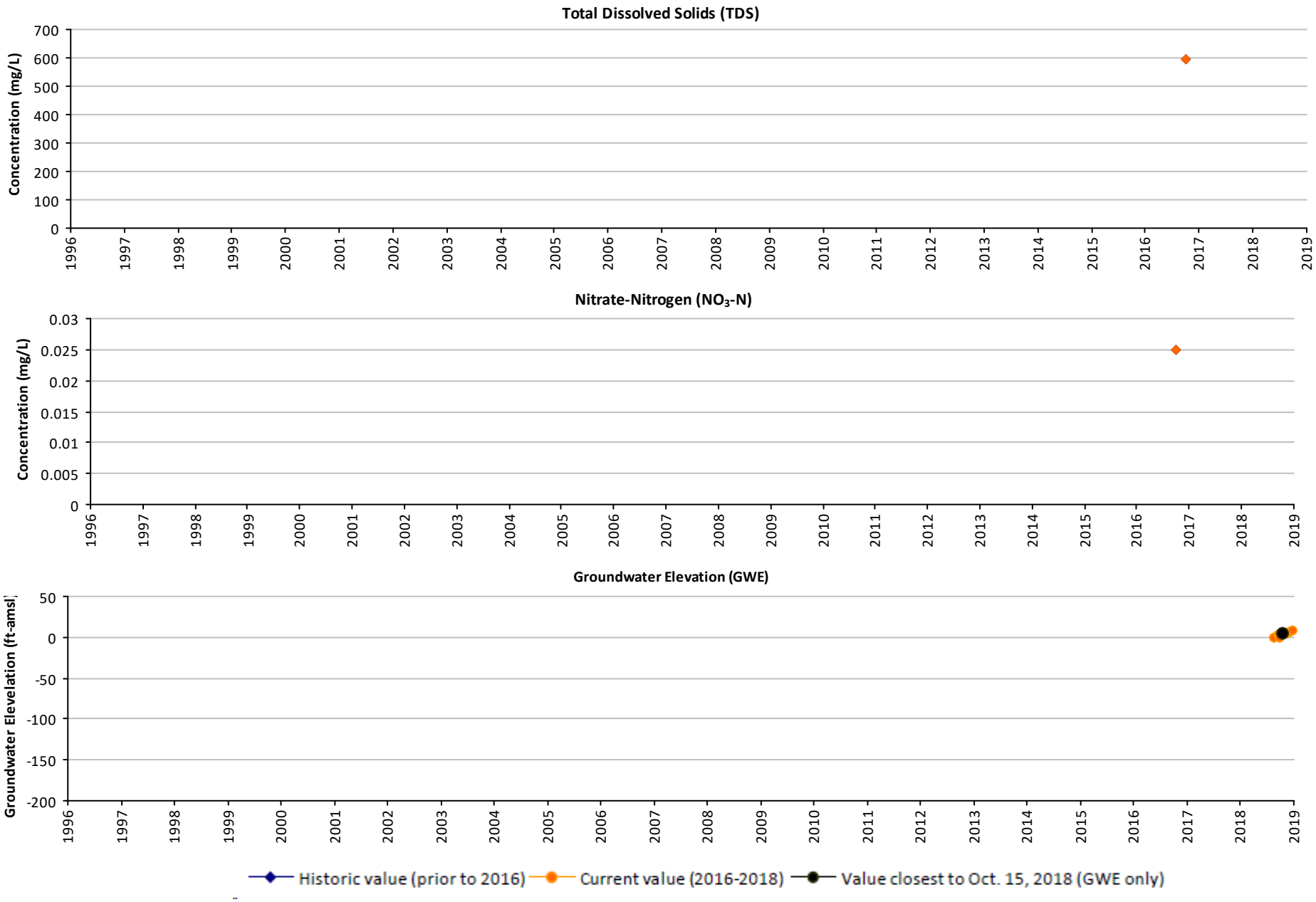
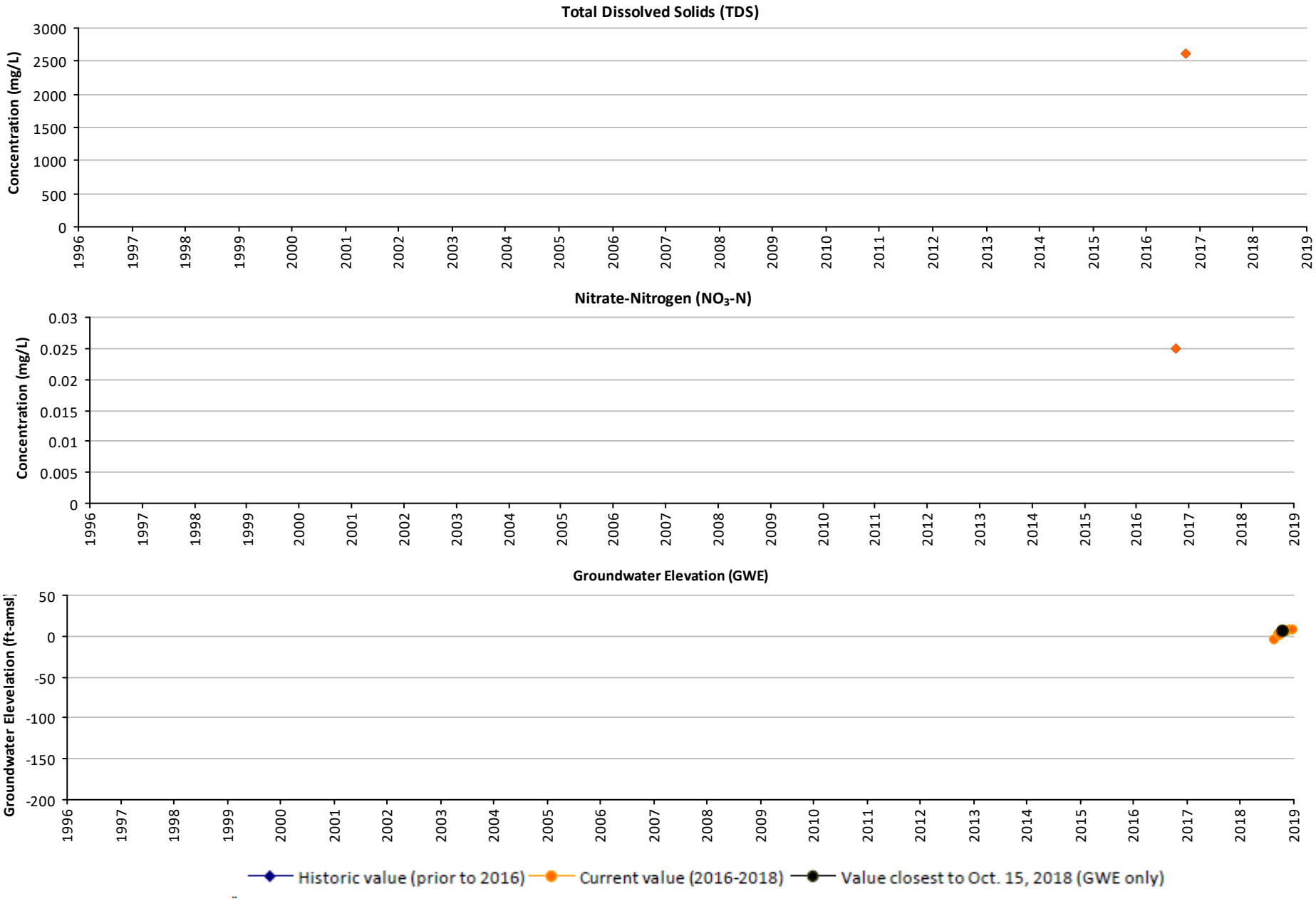
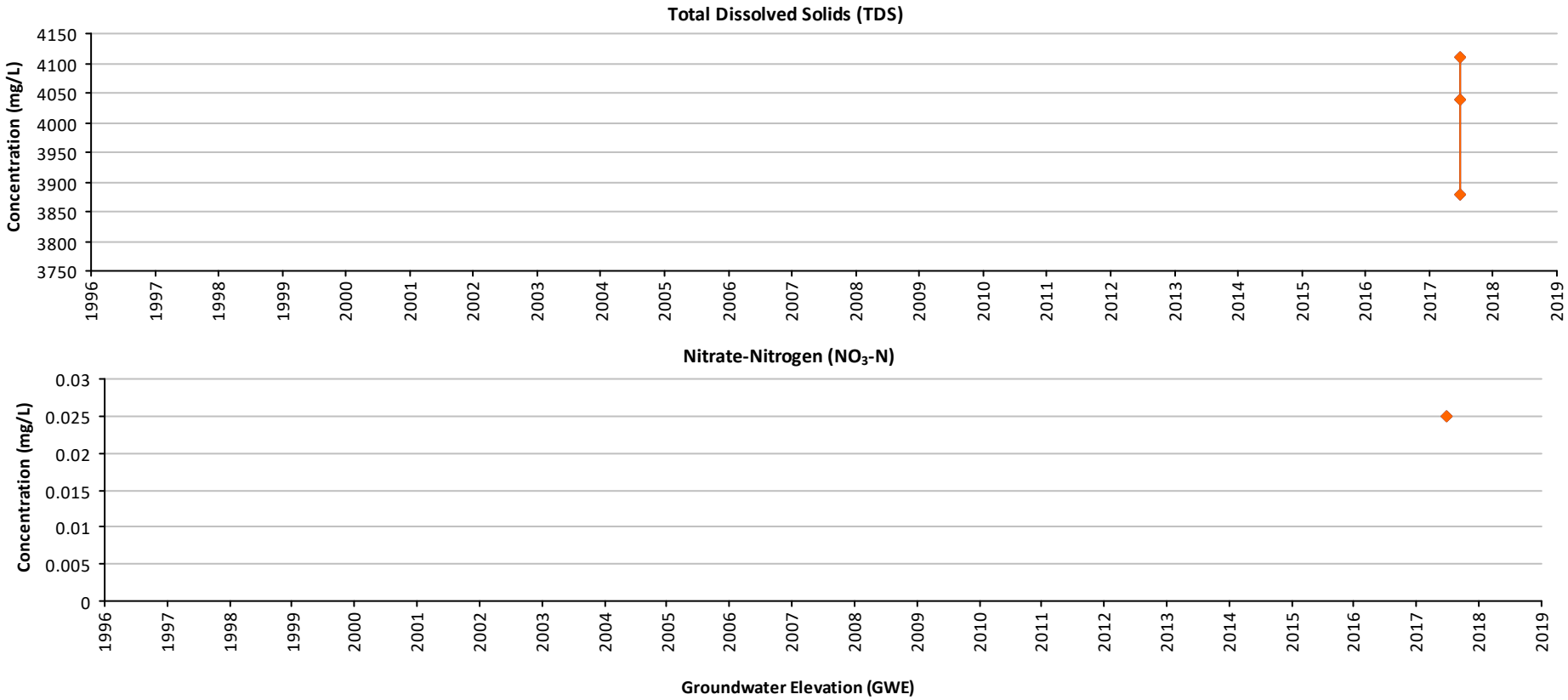
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

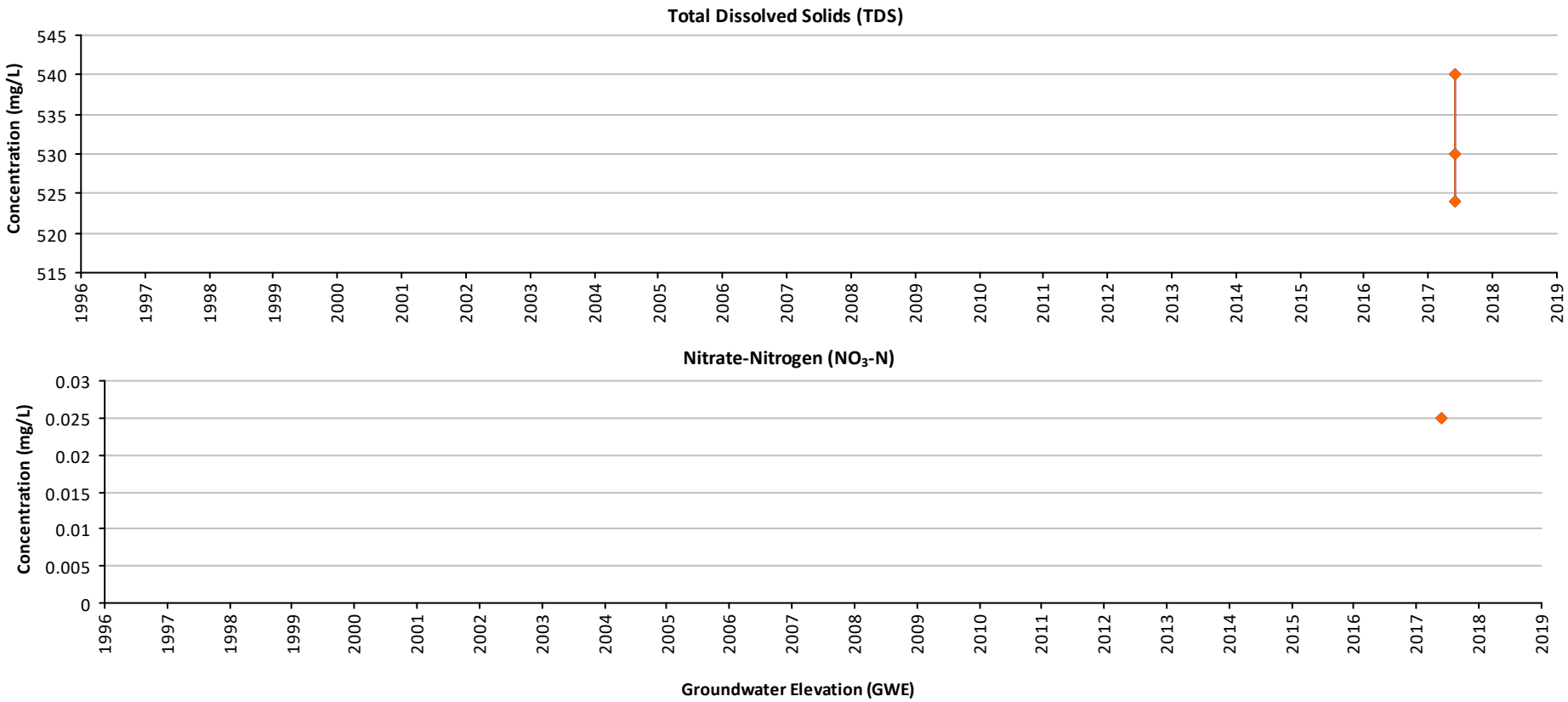

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

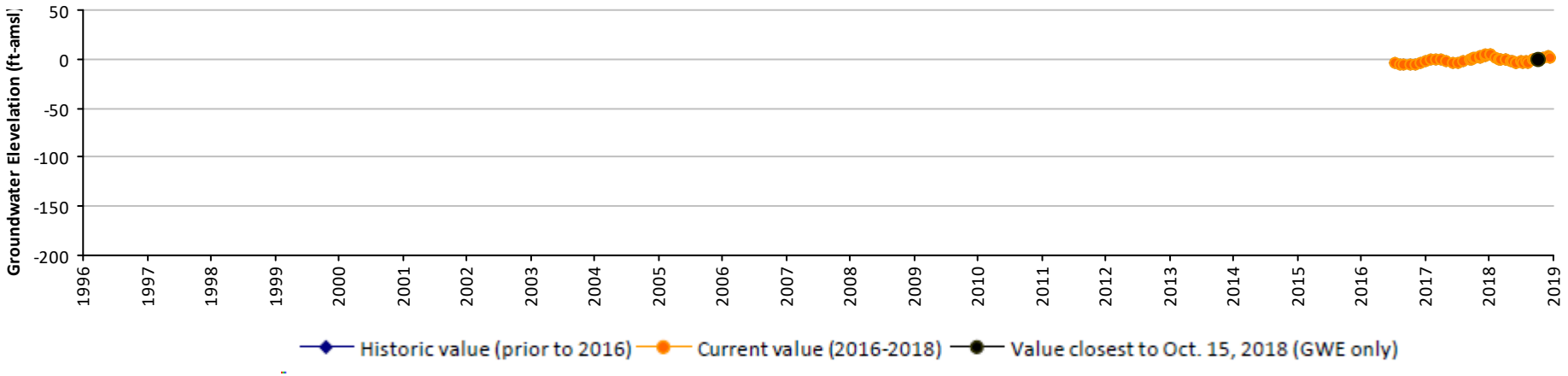

Total Dissolved Solids (TDS)
Concentration (mg/L)
4150
4100
4050
4000
3950
3900
3850
3800
3750
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
545
540
535
530
525
520
515
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

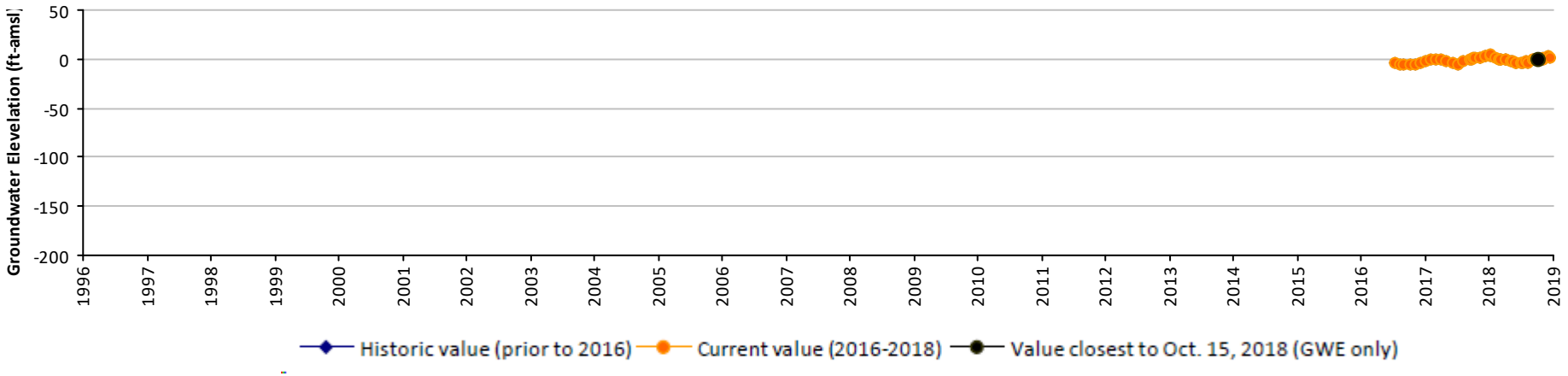
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

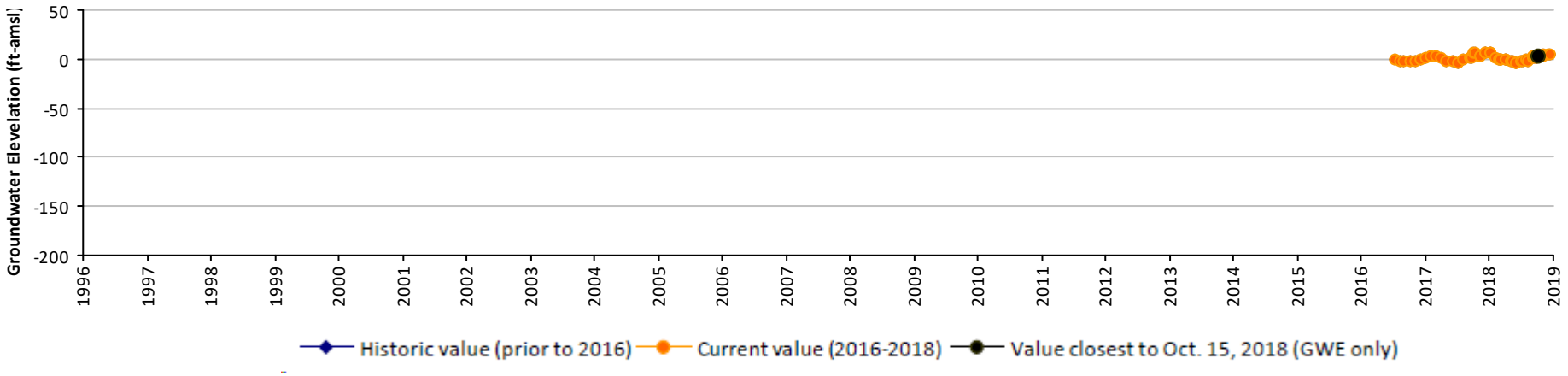
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

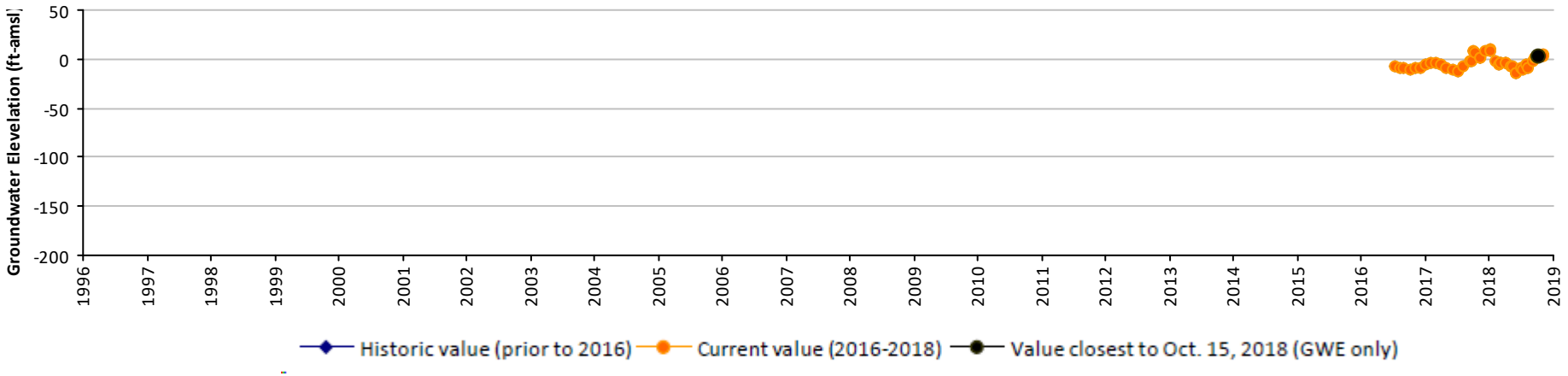
Groundwater Elevation (GWE)

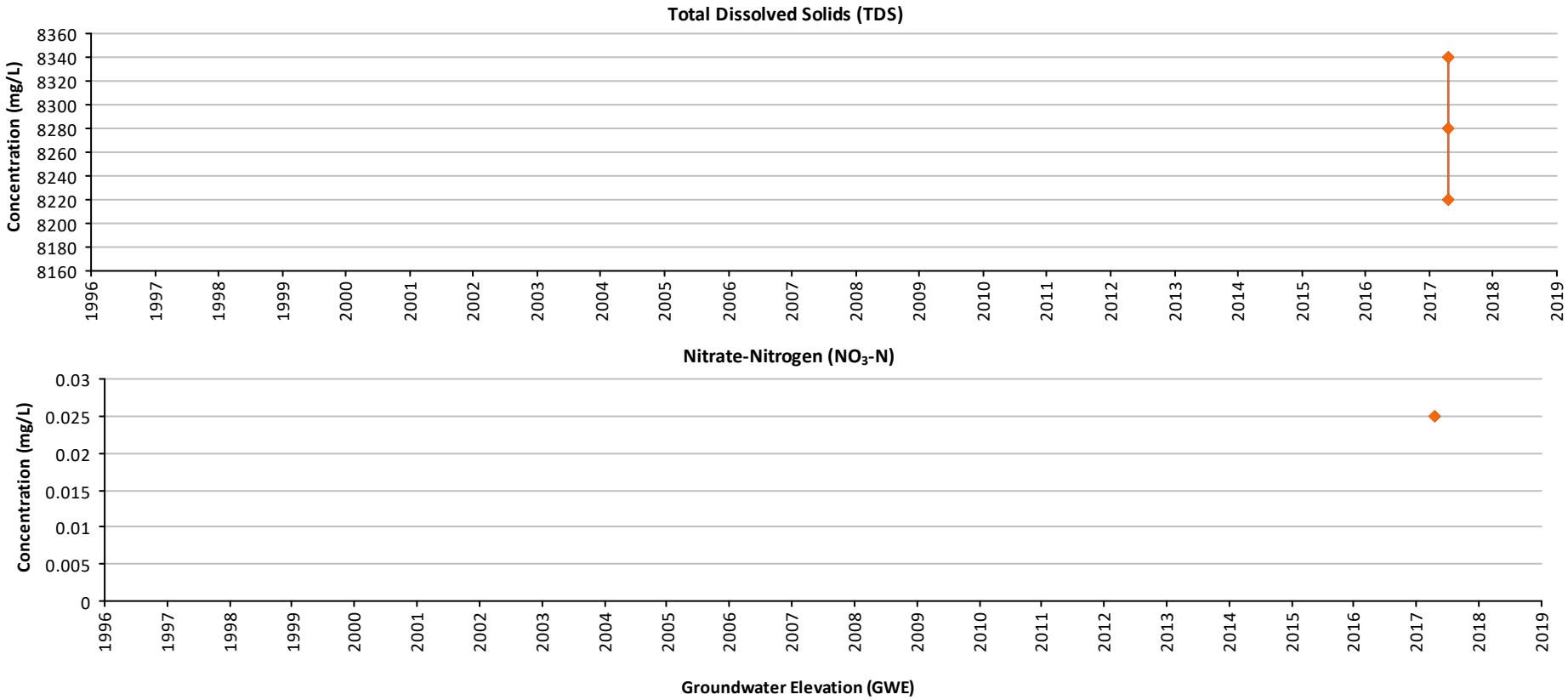


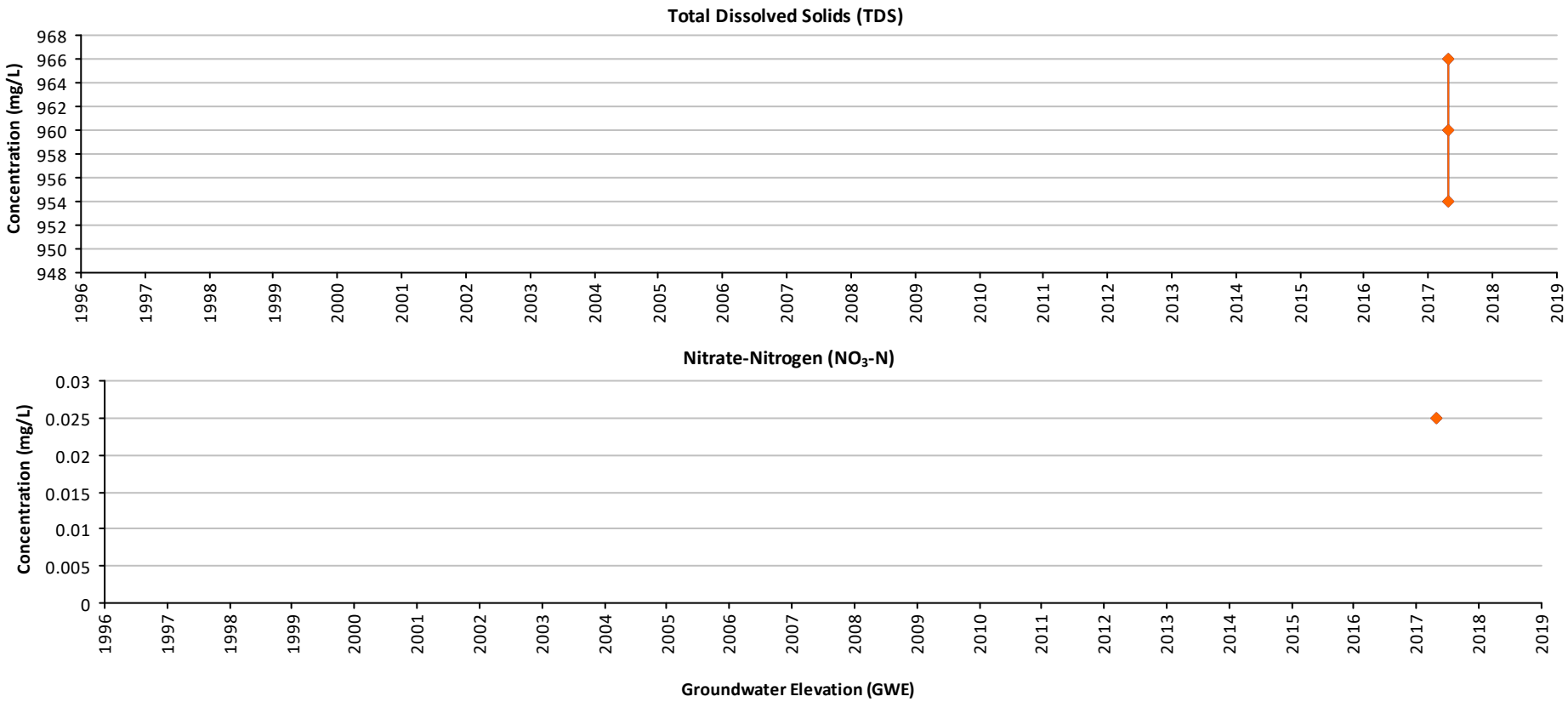
Total Dissolved Solids (TDS)

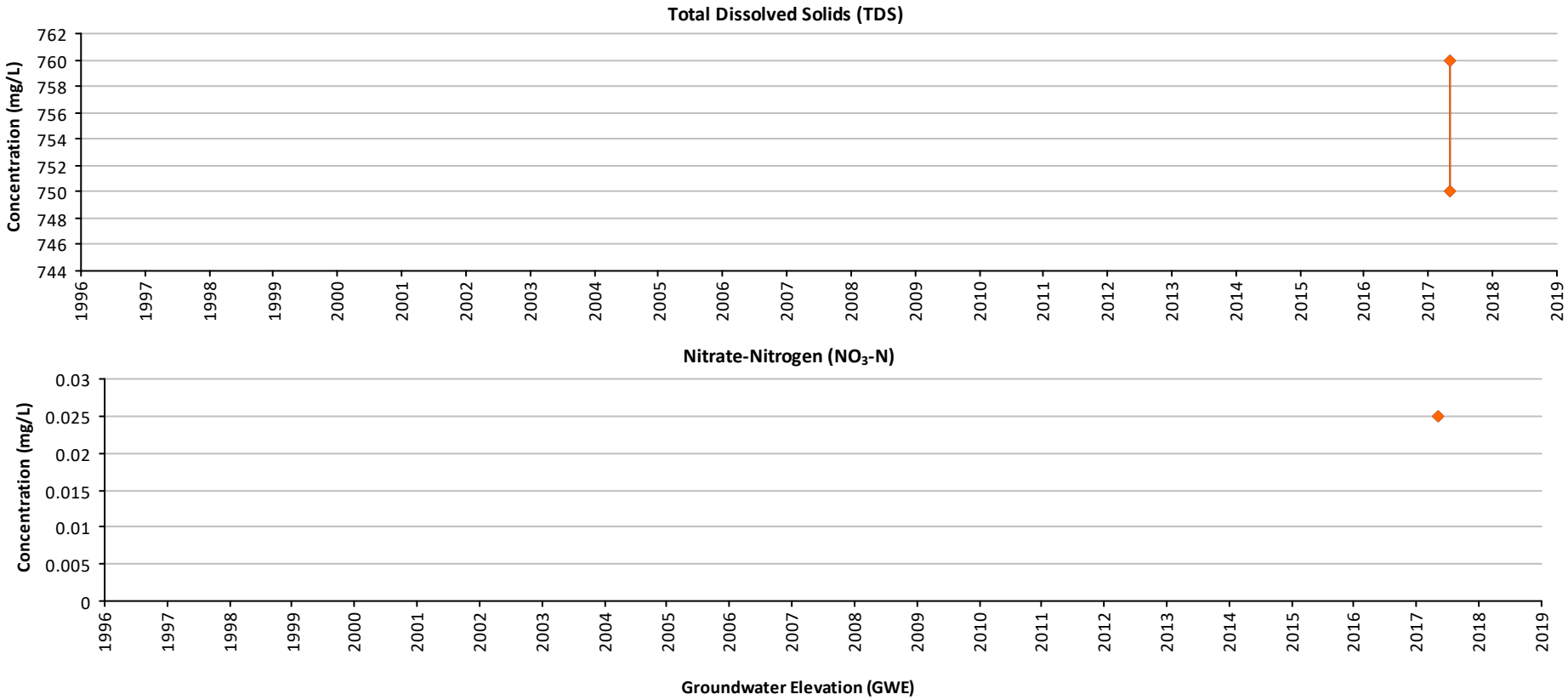
Nitrate-Nitrogen (NO_3-N)

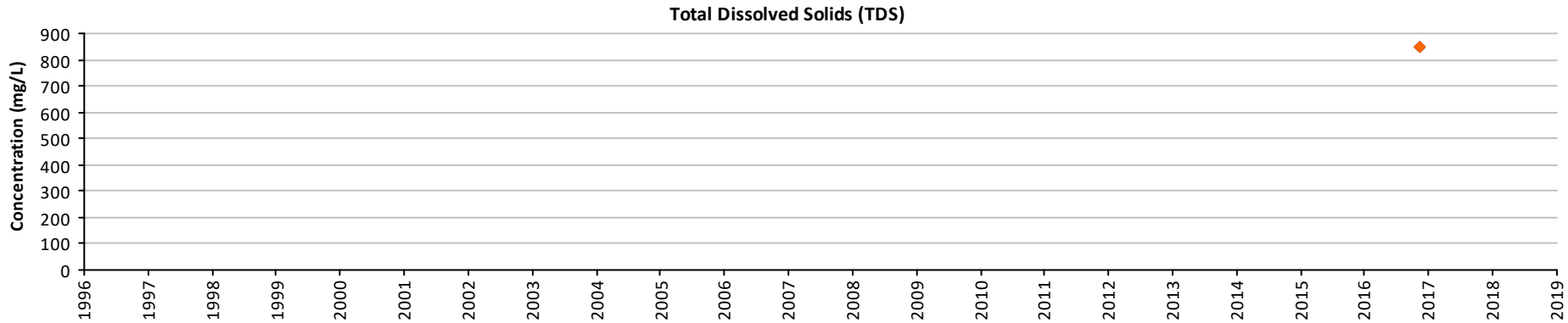
Groundwater Elevation (GWE)

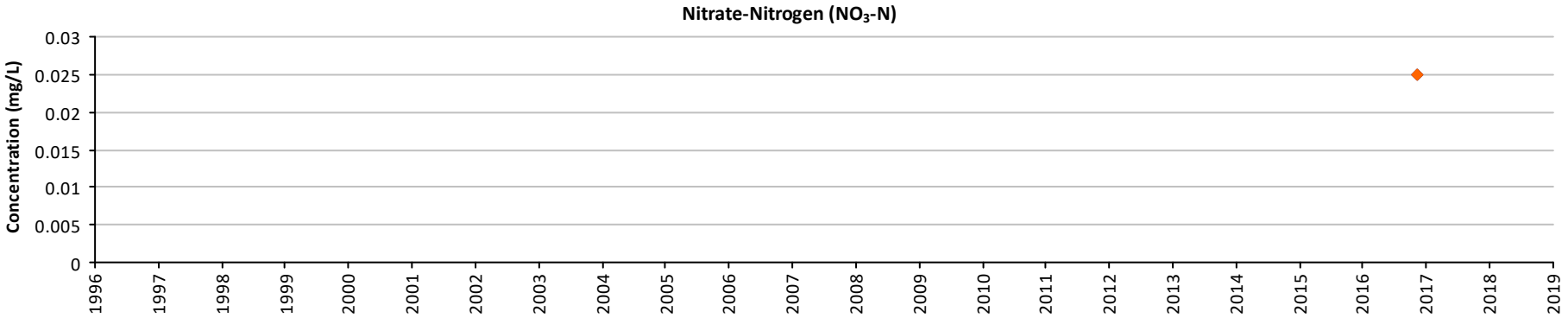



Total Dissolved Solids (TDS)
Concentration (mg/L)
8360
8340
8320
8300
8280
8260
8240
8220
8200
8180
8160
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
968
966
964
962
960
958
956
954
952
950
948
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
762
760
758
756
754
752
750
748
746
744
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
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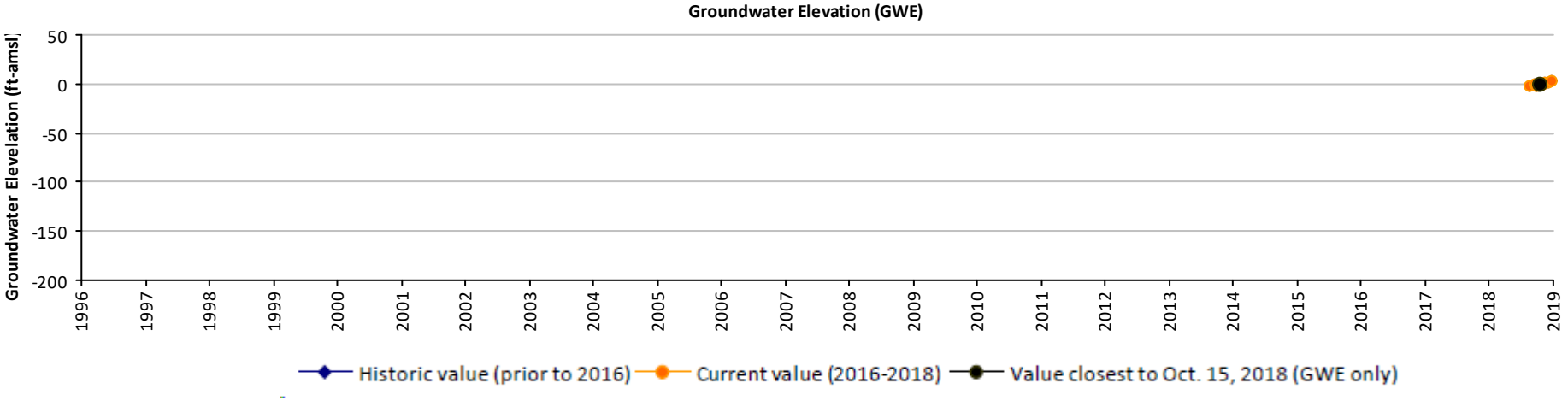
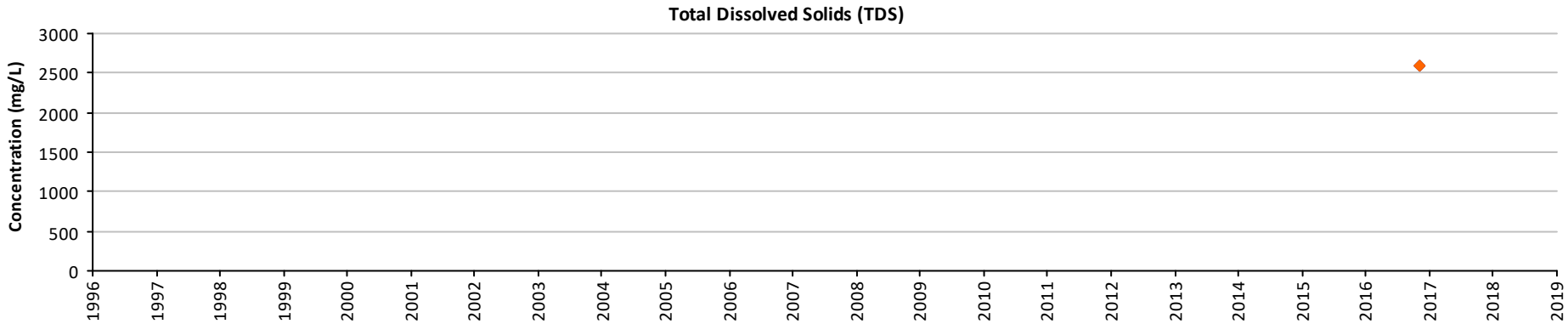
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
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2004
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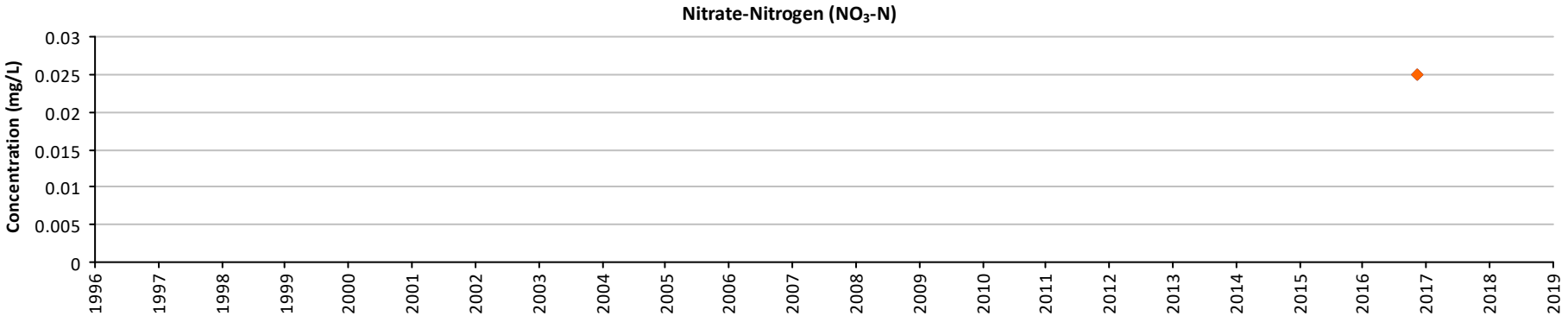
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
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2004
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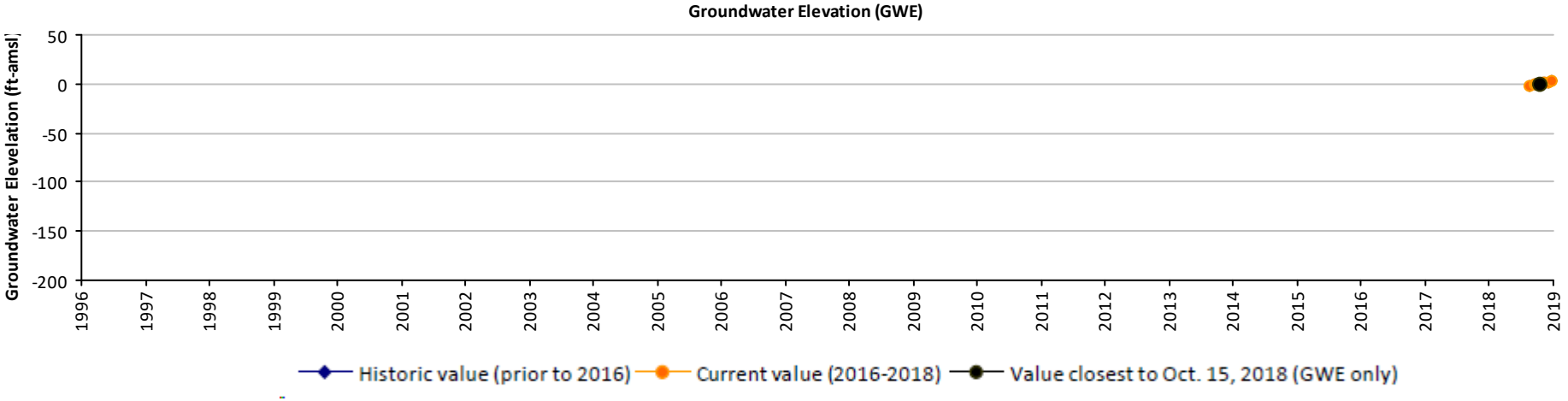
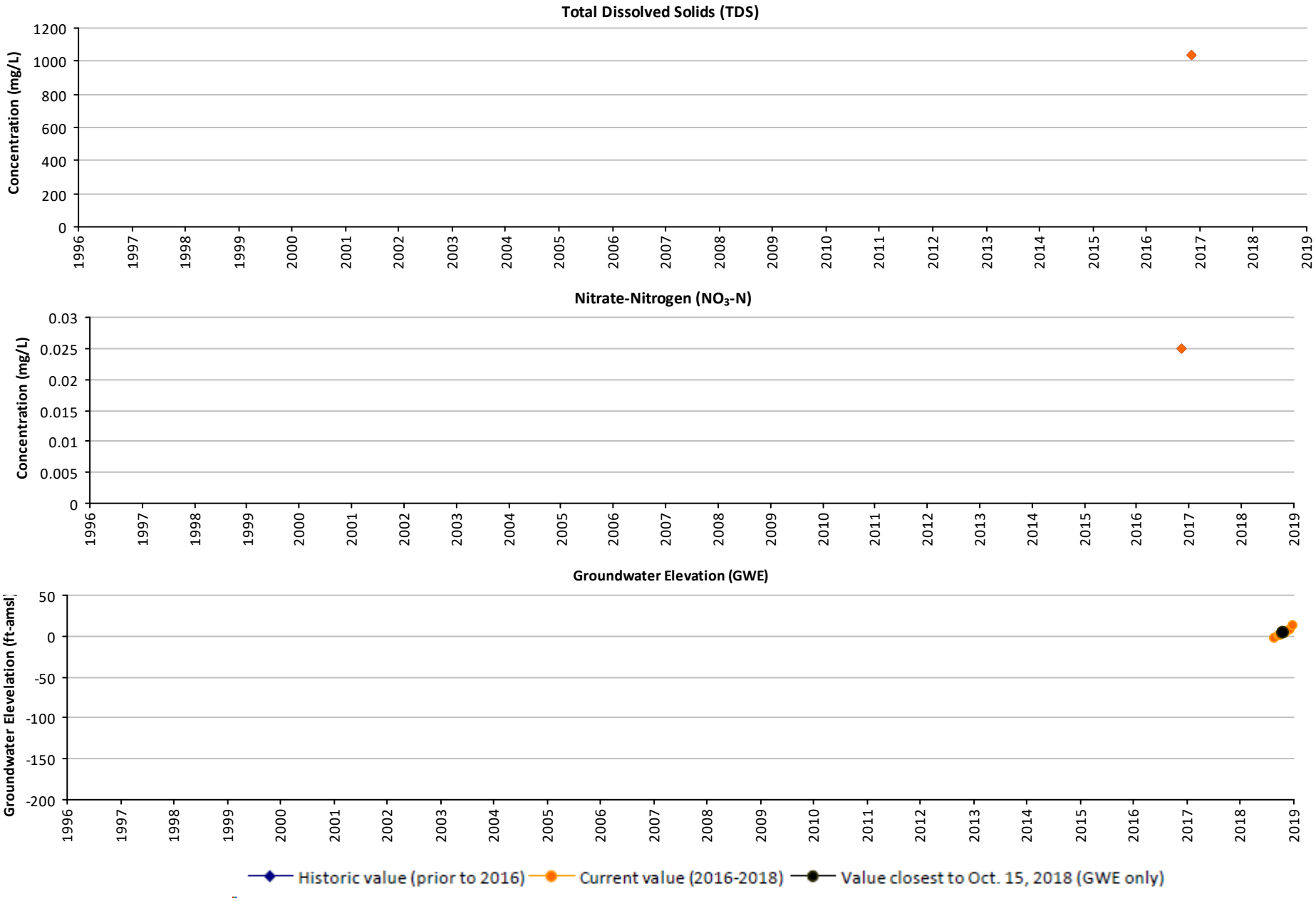
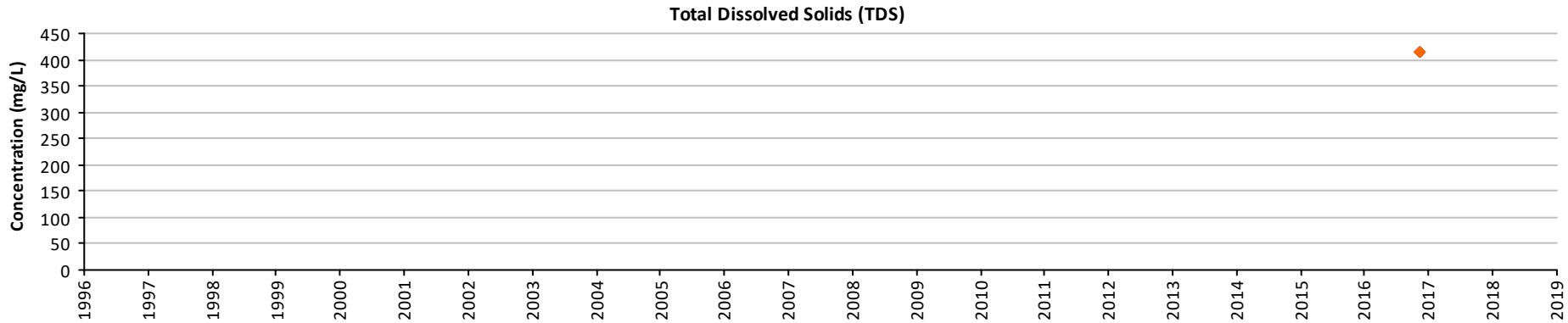
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
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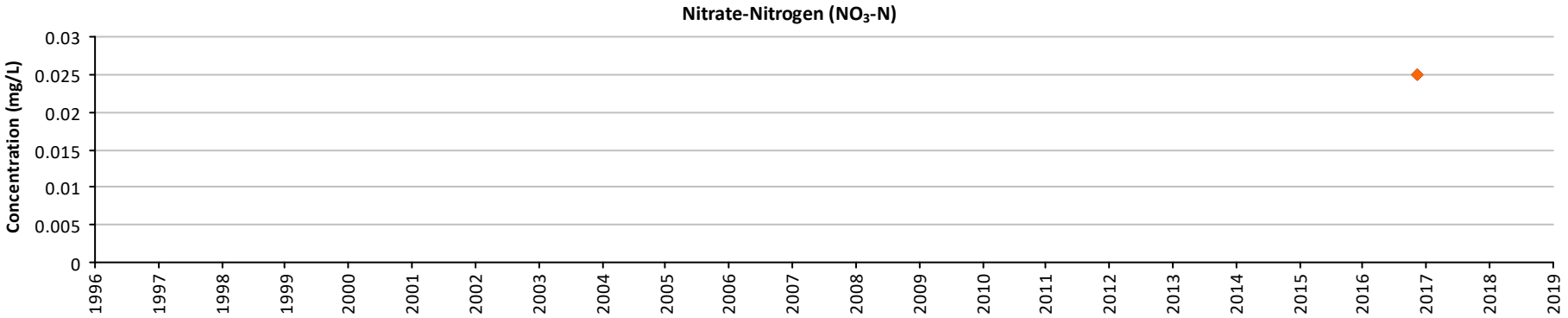
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
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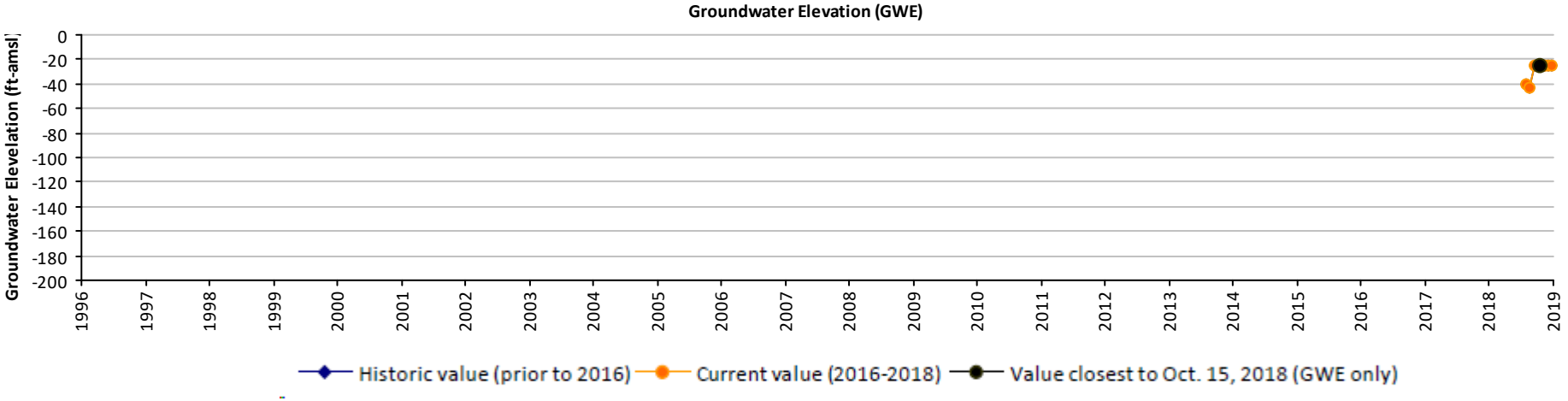
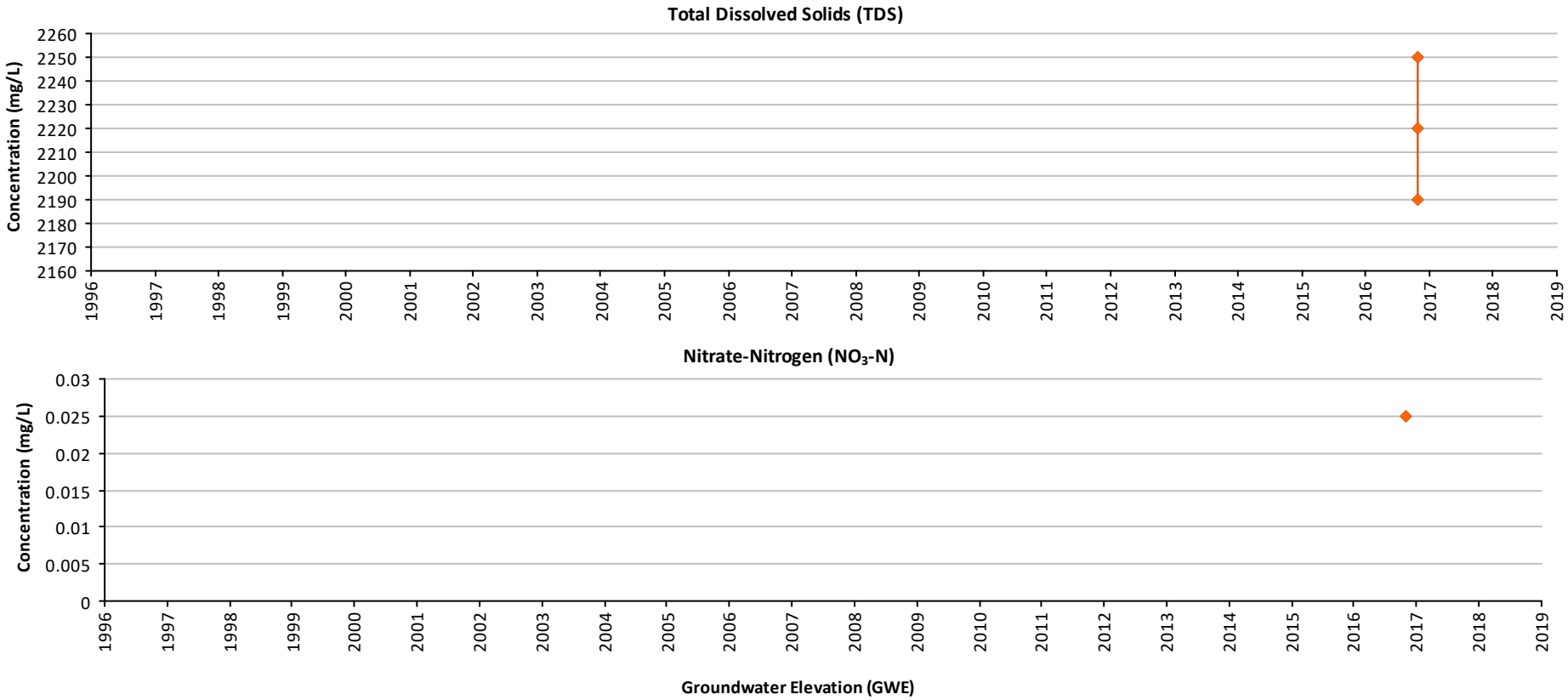
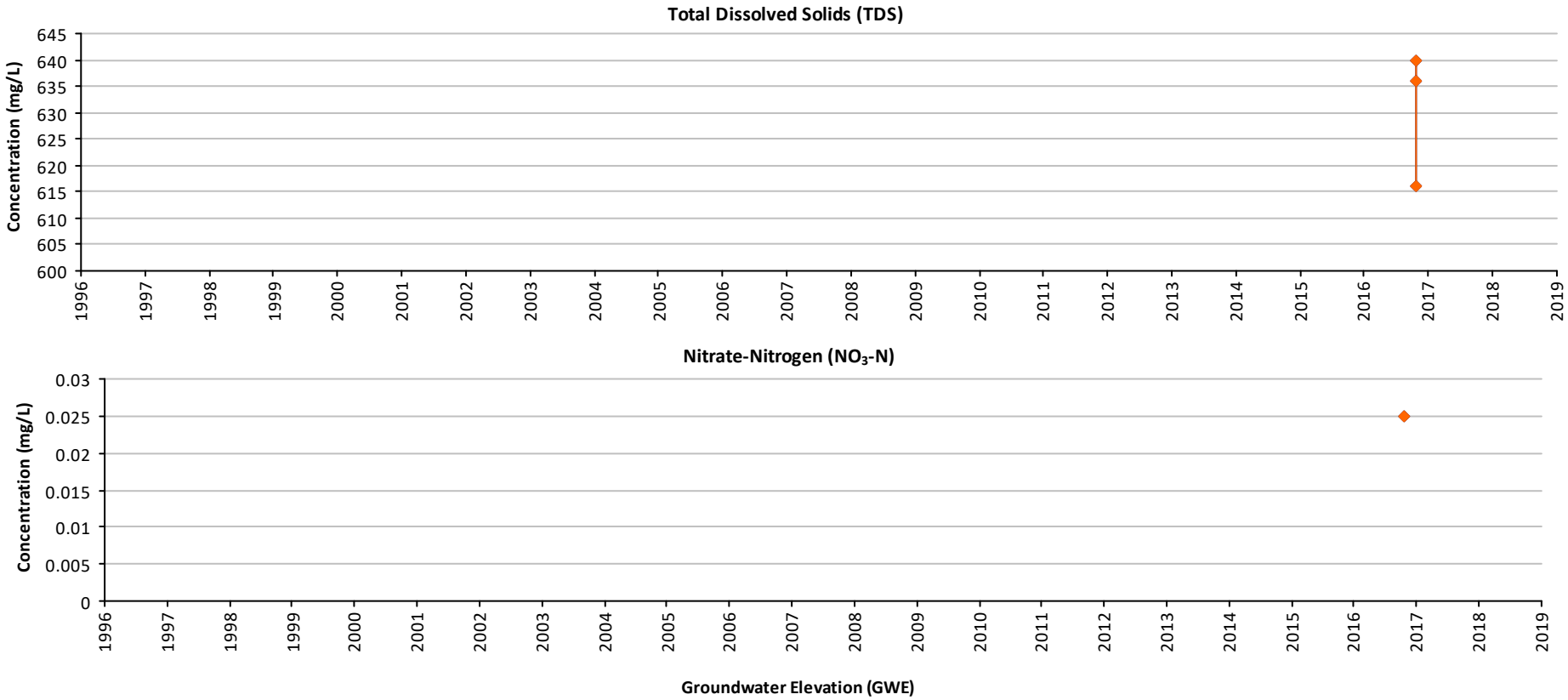
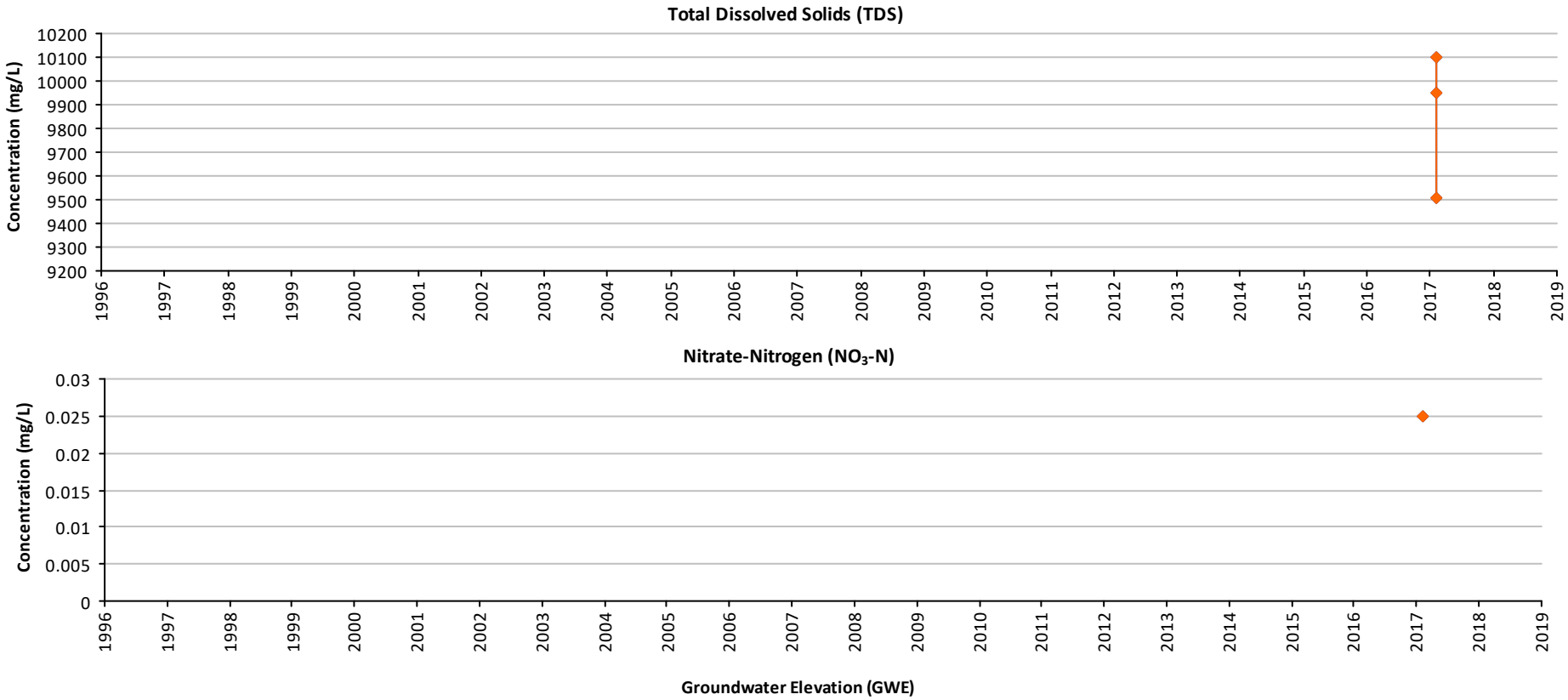
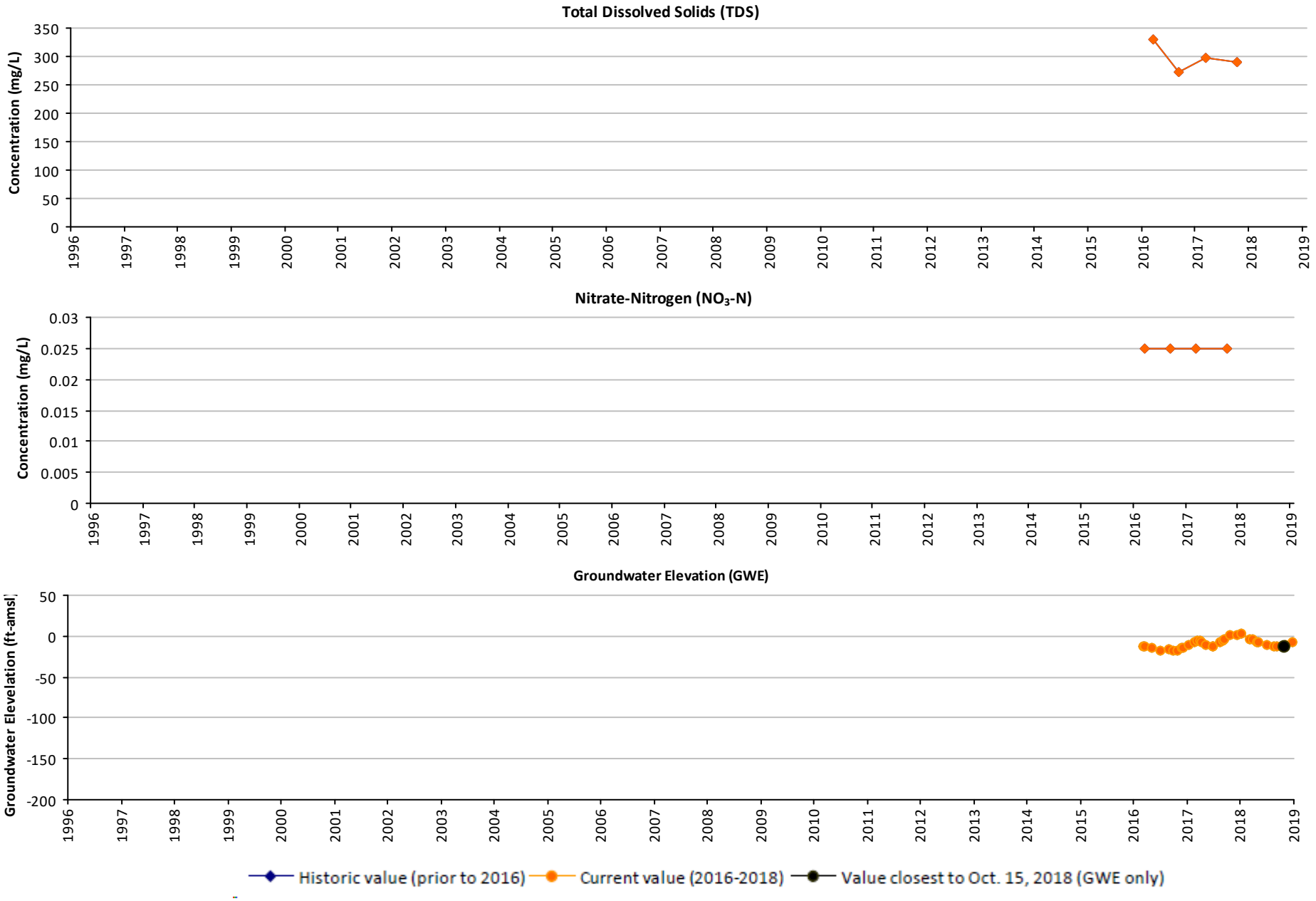
2015
2016
2017
2018
2019

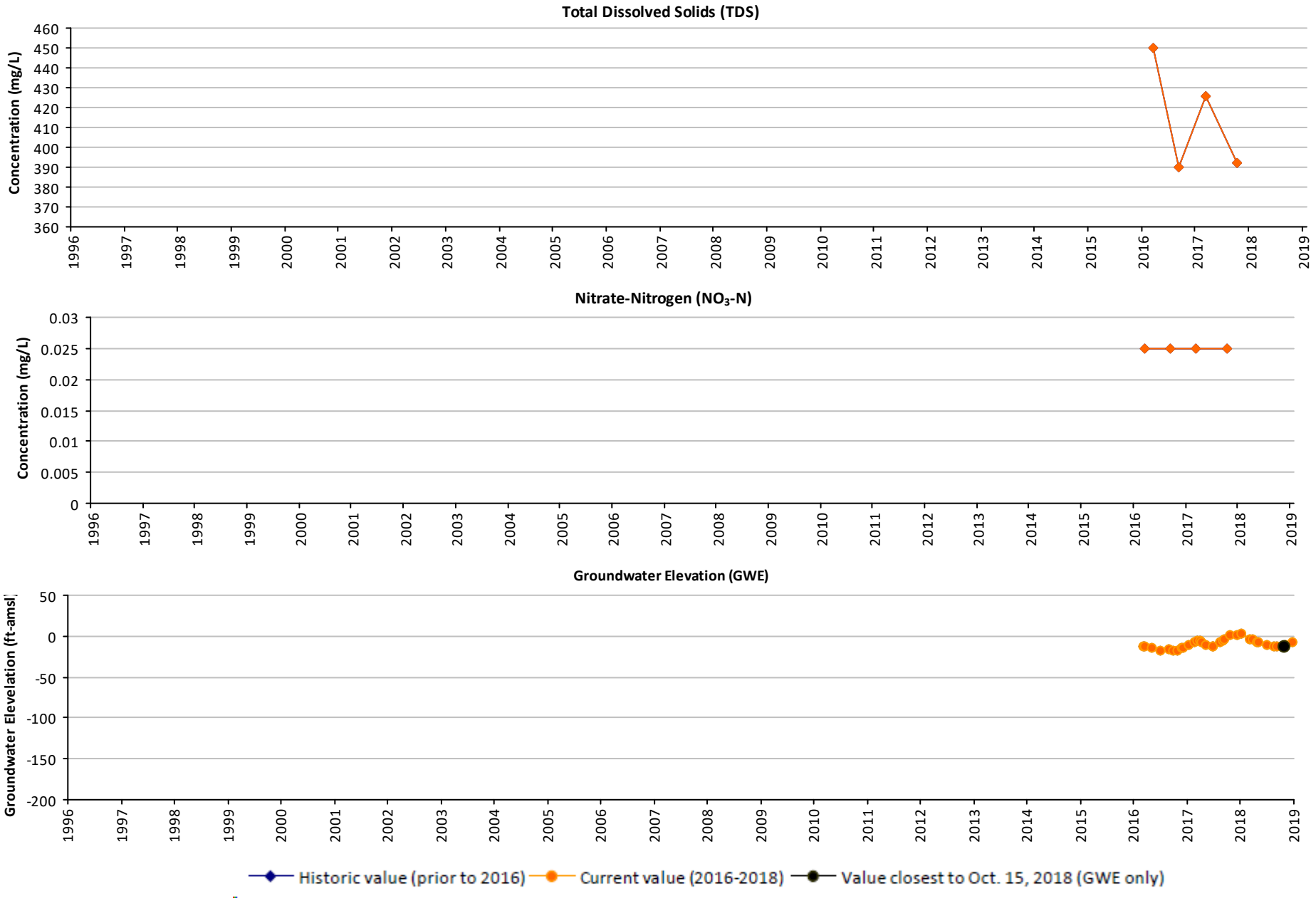

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

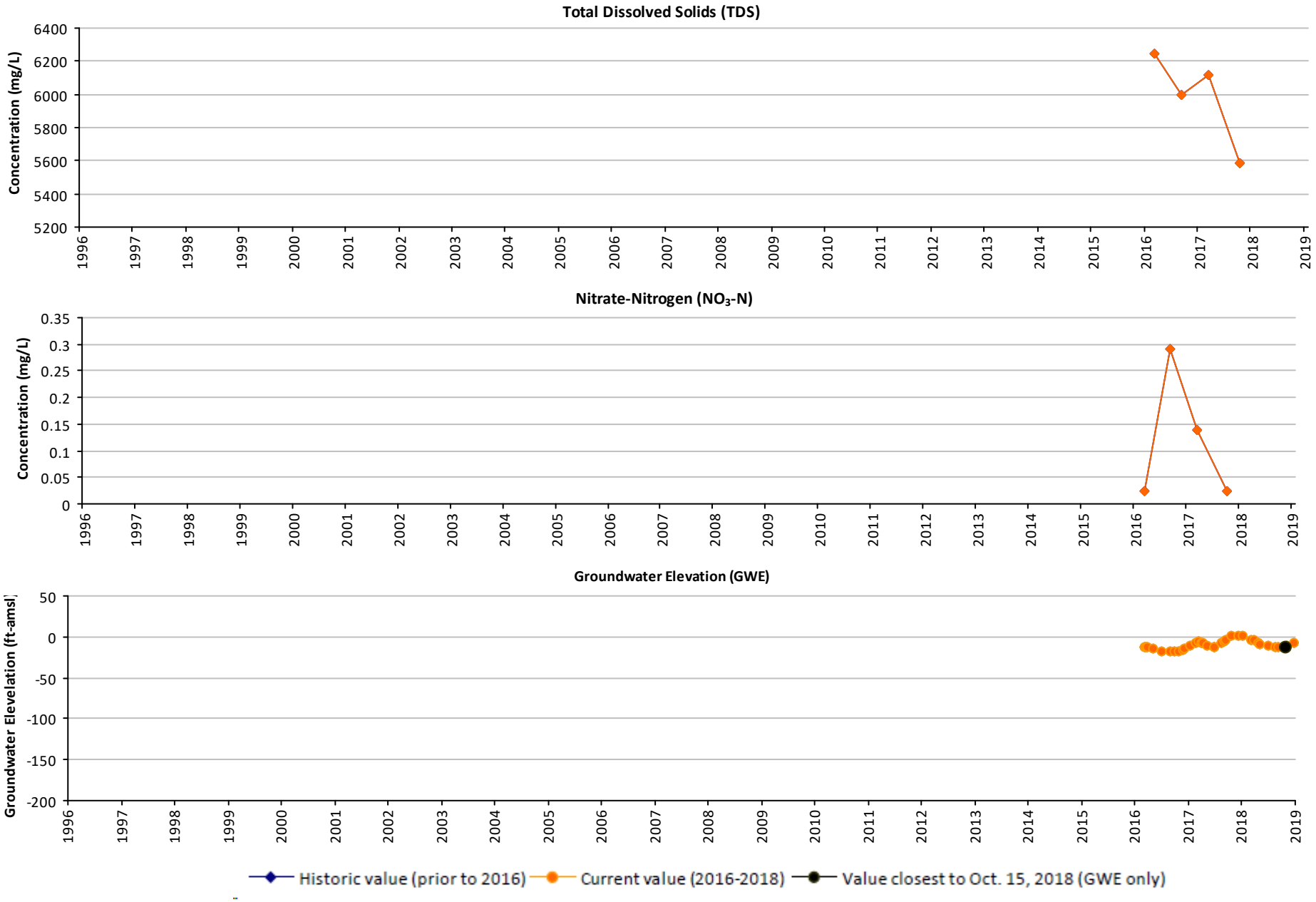

Total Dissolved Solids (TDS)
Concentration (mg/L)
2260
2250
2240
2230
2220
2210
2200
2190
2180
2170
2160
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

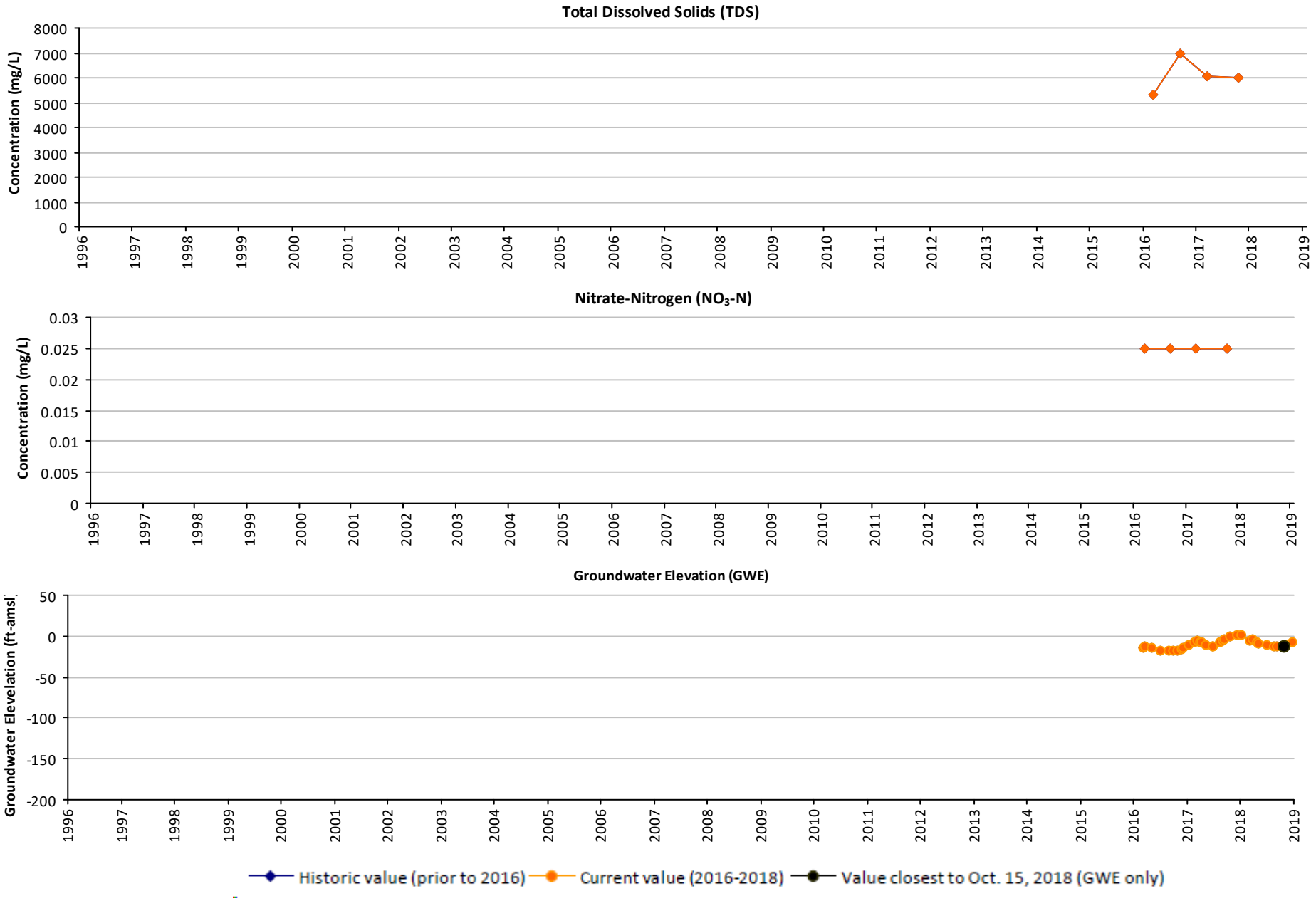

Total Dissolved Solids (TDS)
Concentration (mg/L)
645
640
635
630
625
620
615
610
605
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

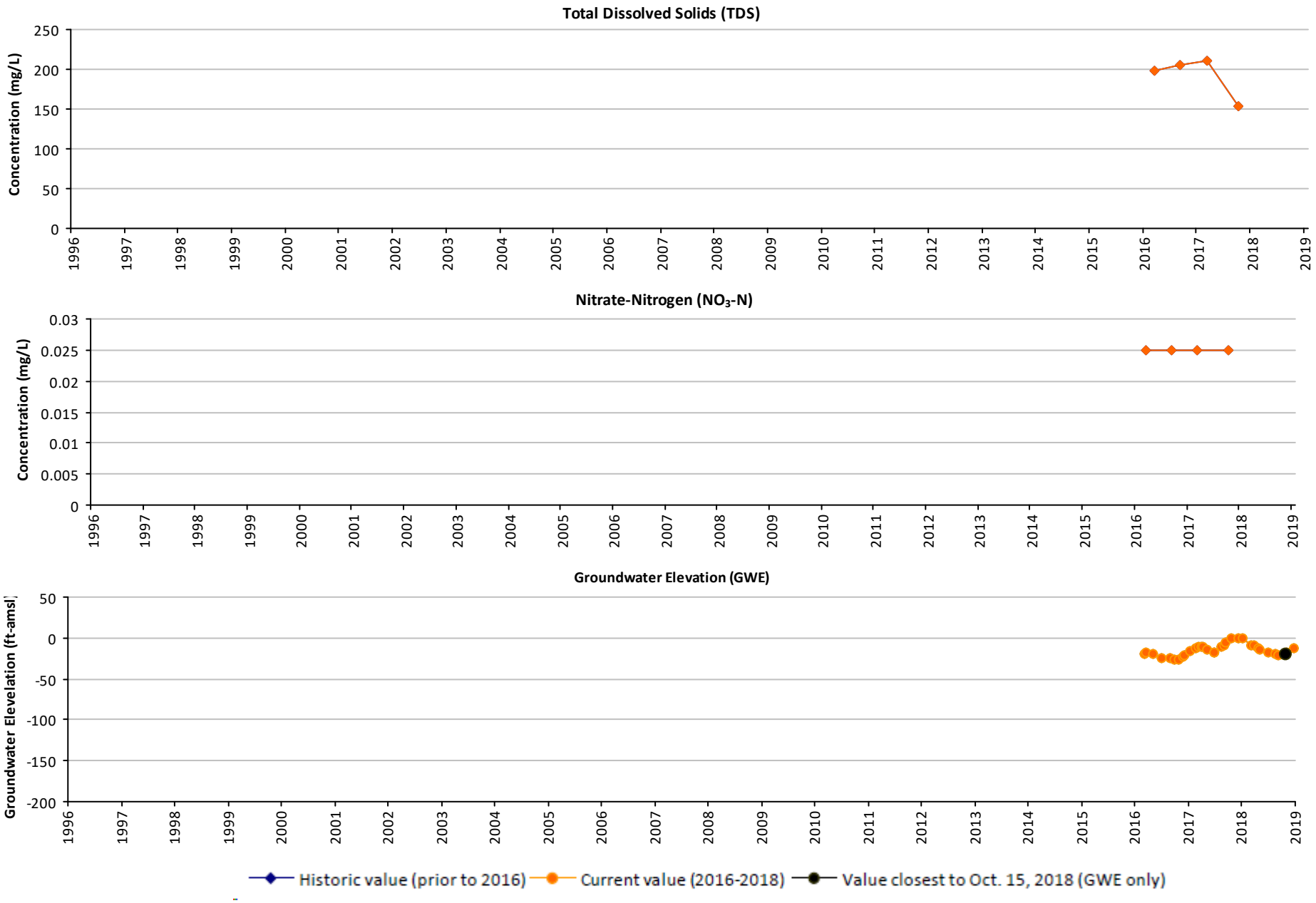

Total Dissolved Solids (TDS)
Concentration (mg/L)
10200
10100
10000
9900
9800
9700
9600
9500
9400
9300
9200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

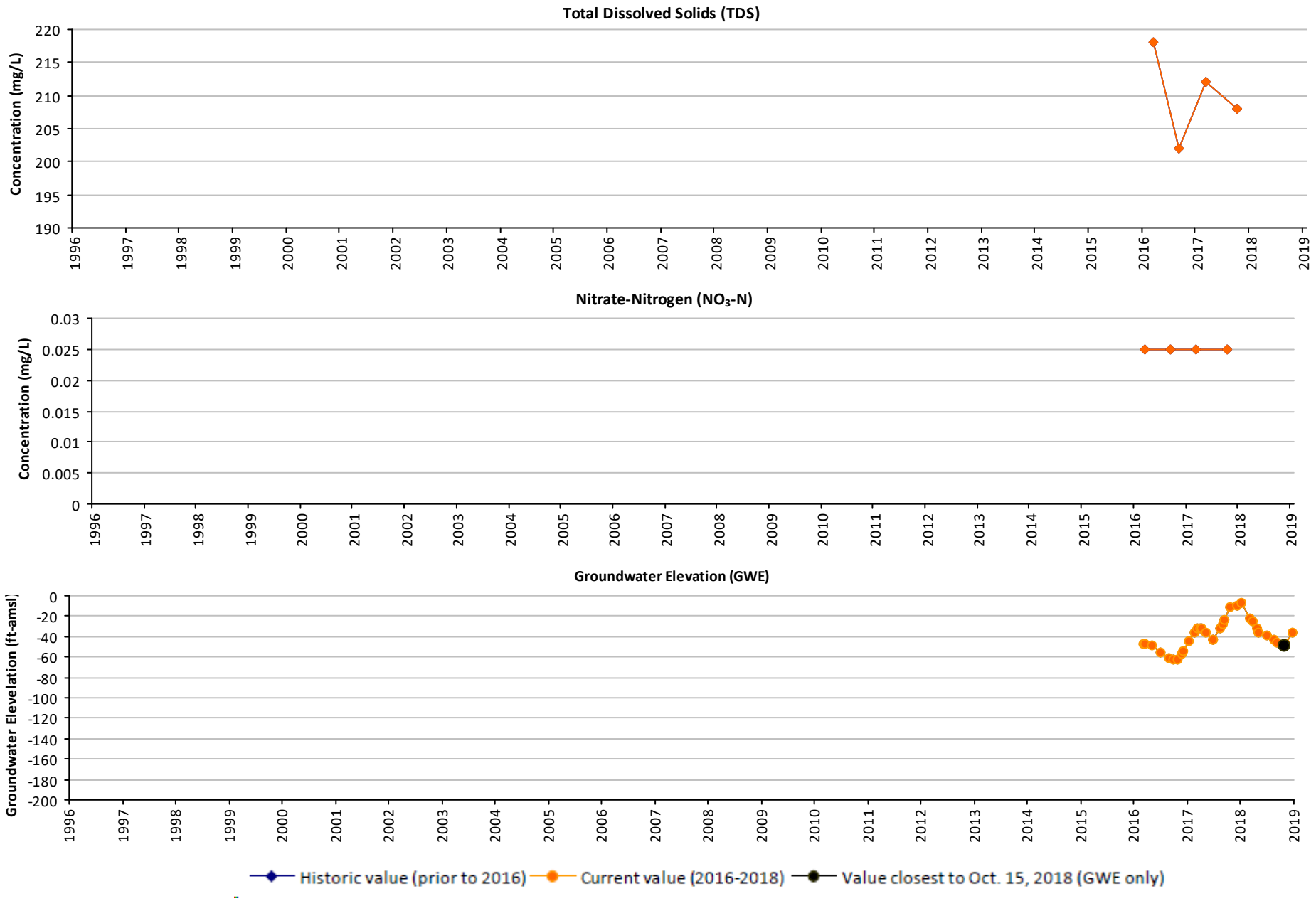

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

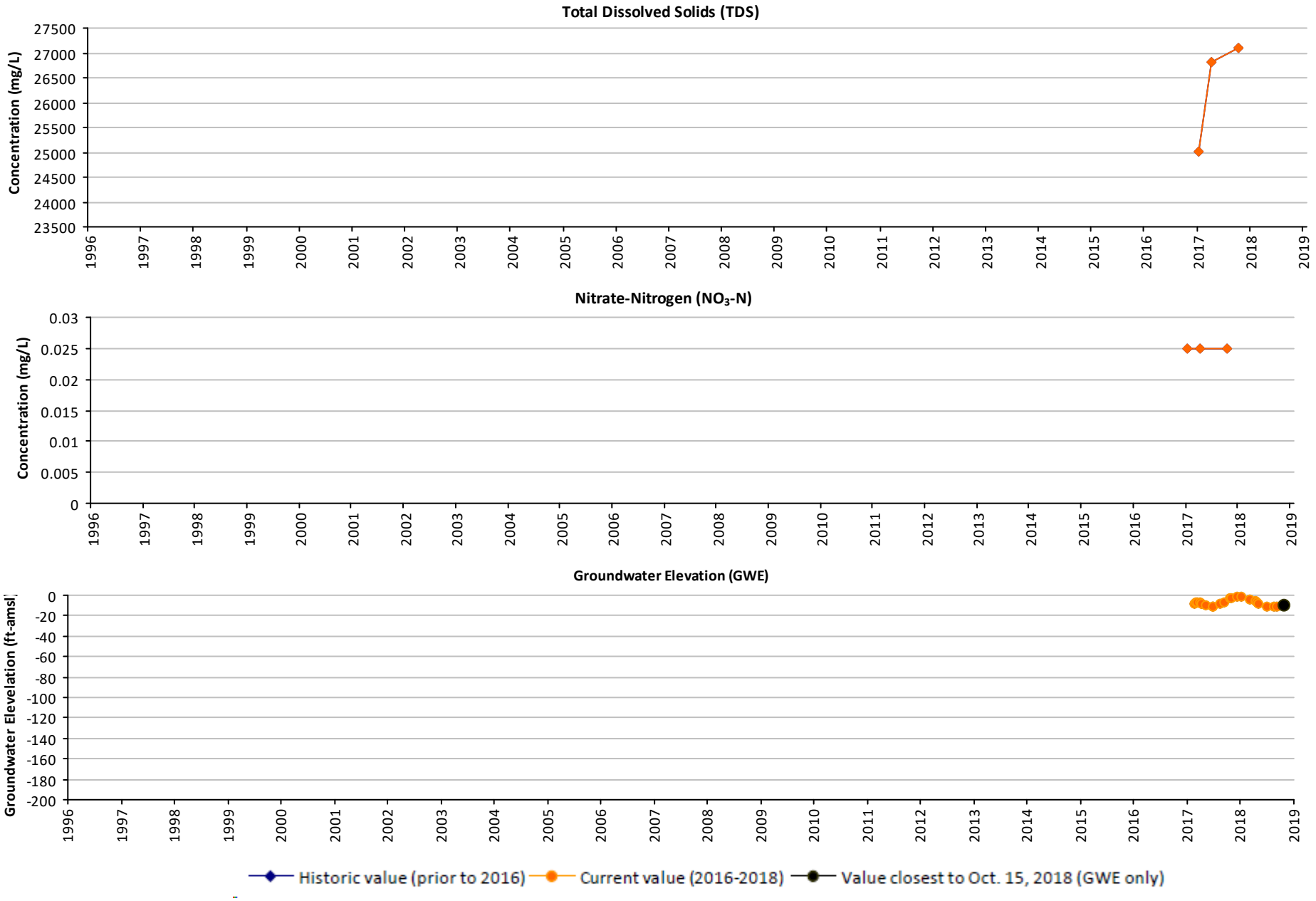

Total Dissolved Solids (TDS)
Concentration (mg/L)
460
450
440
430
420
410
400
390
380
370
360
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

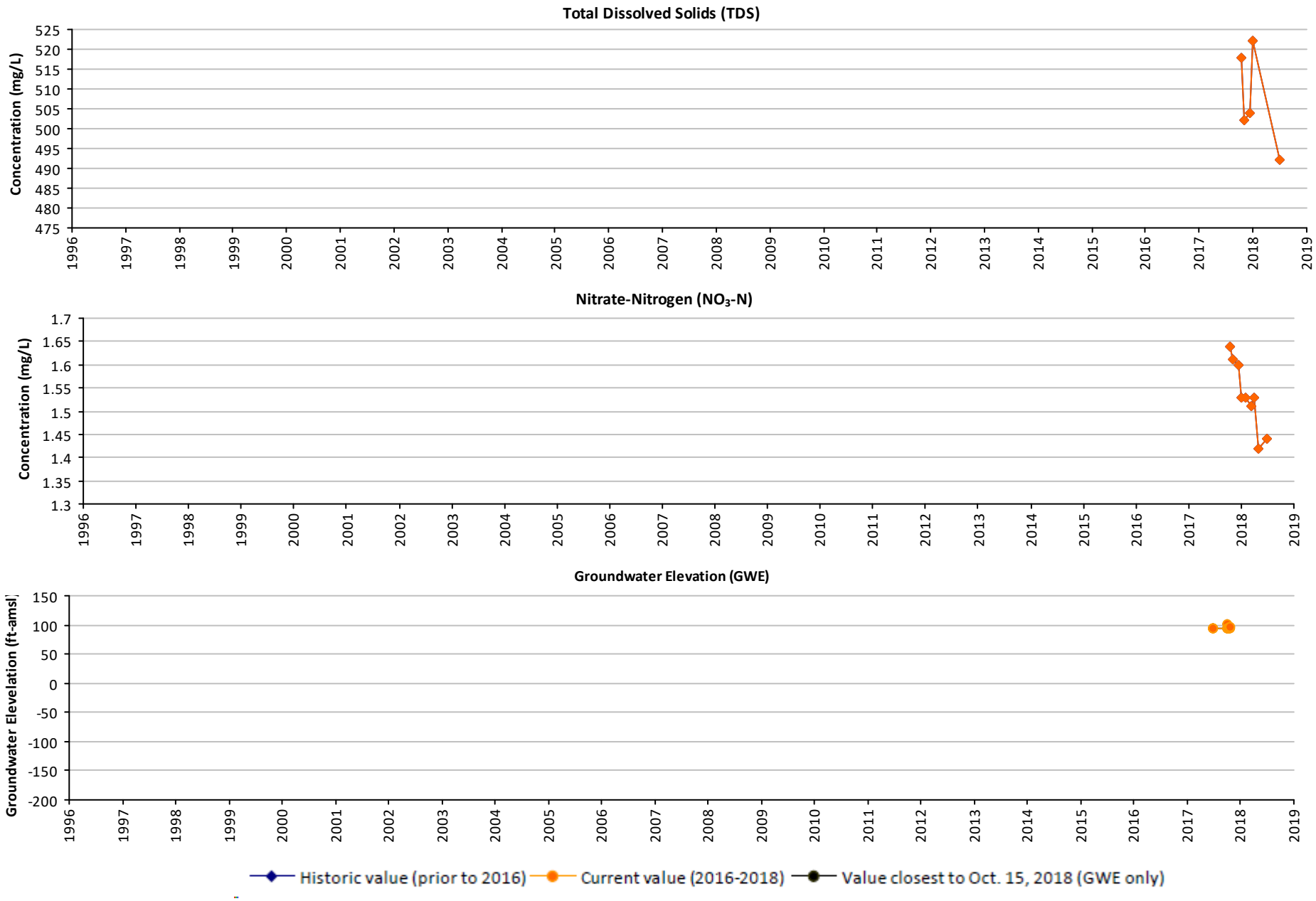

Total Dissolved Solids (TDS)
Concentration (mg/L)
6400
6200
6000
5800
5600
5400
5200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

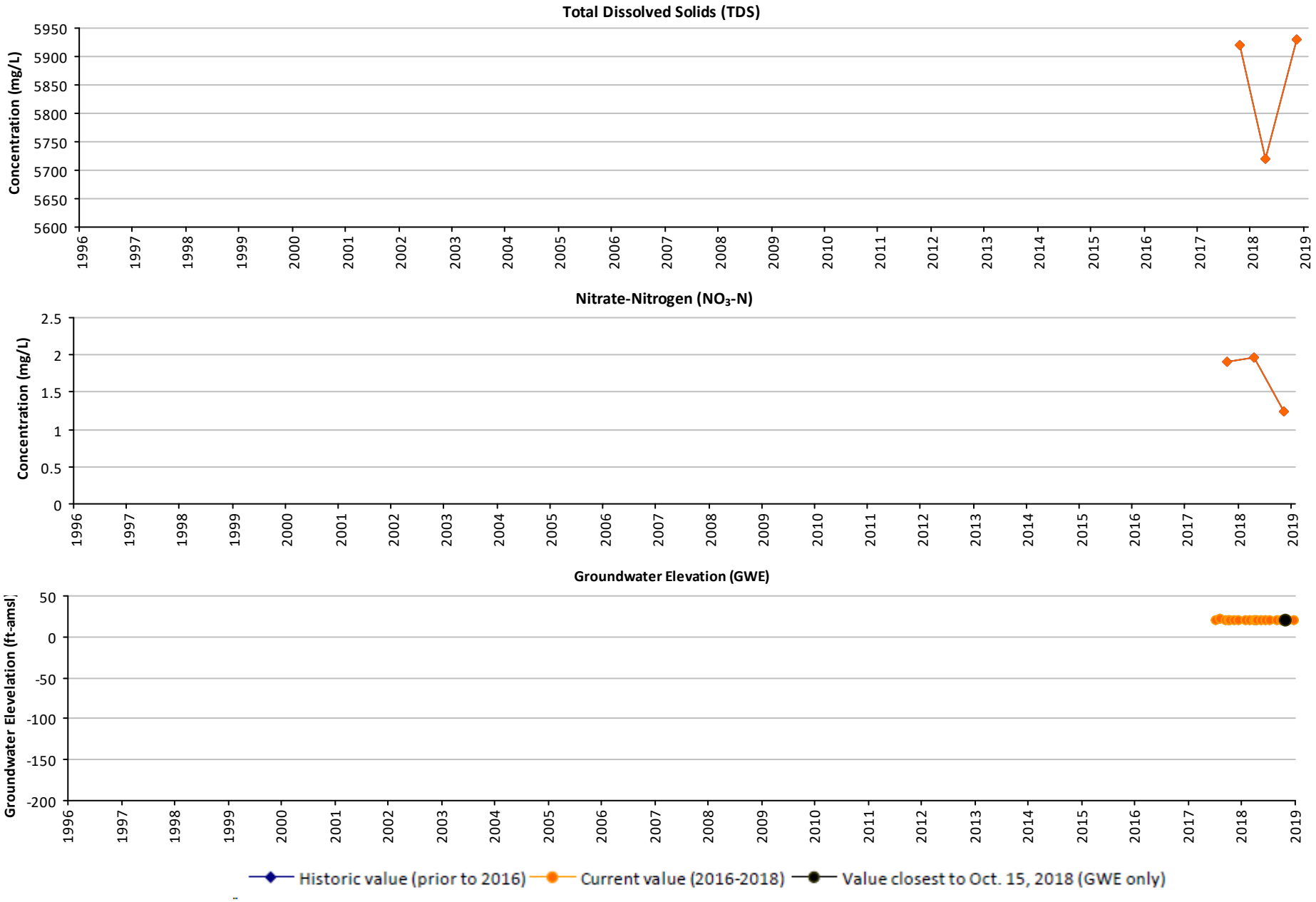

Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

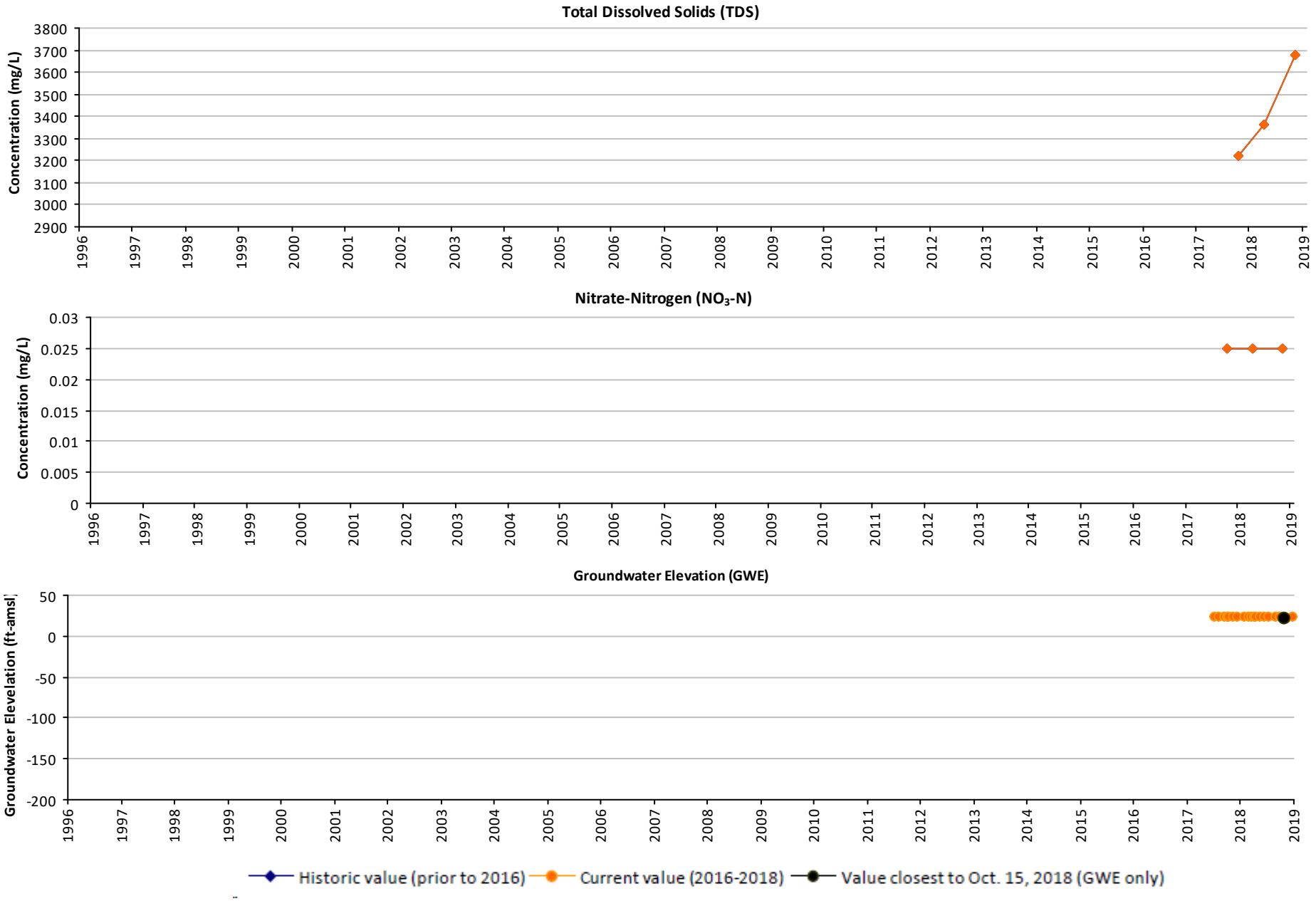

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

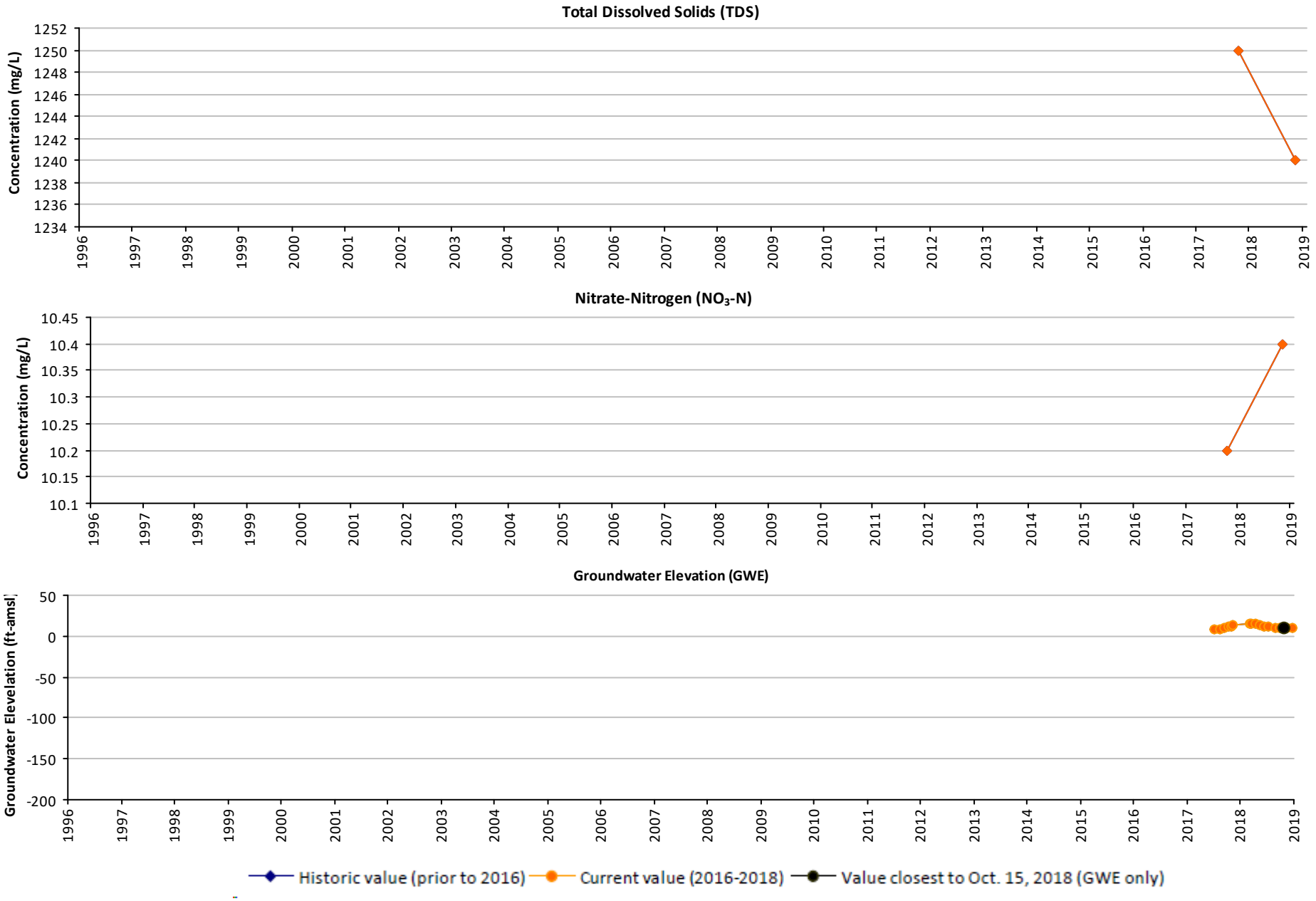

Total Dissolved Solids (TDS)
Concentration (mg/L)
220
215
210
205
200
195
190
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

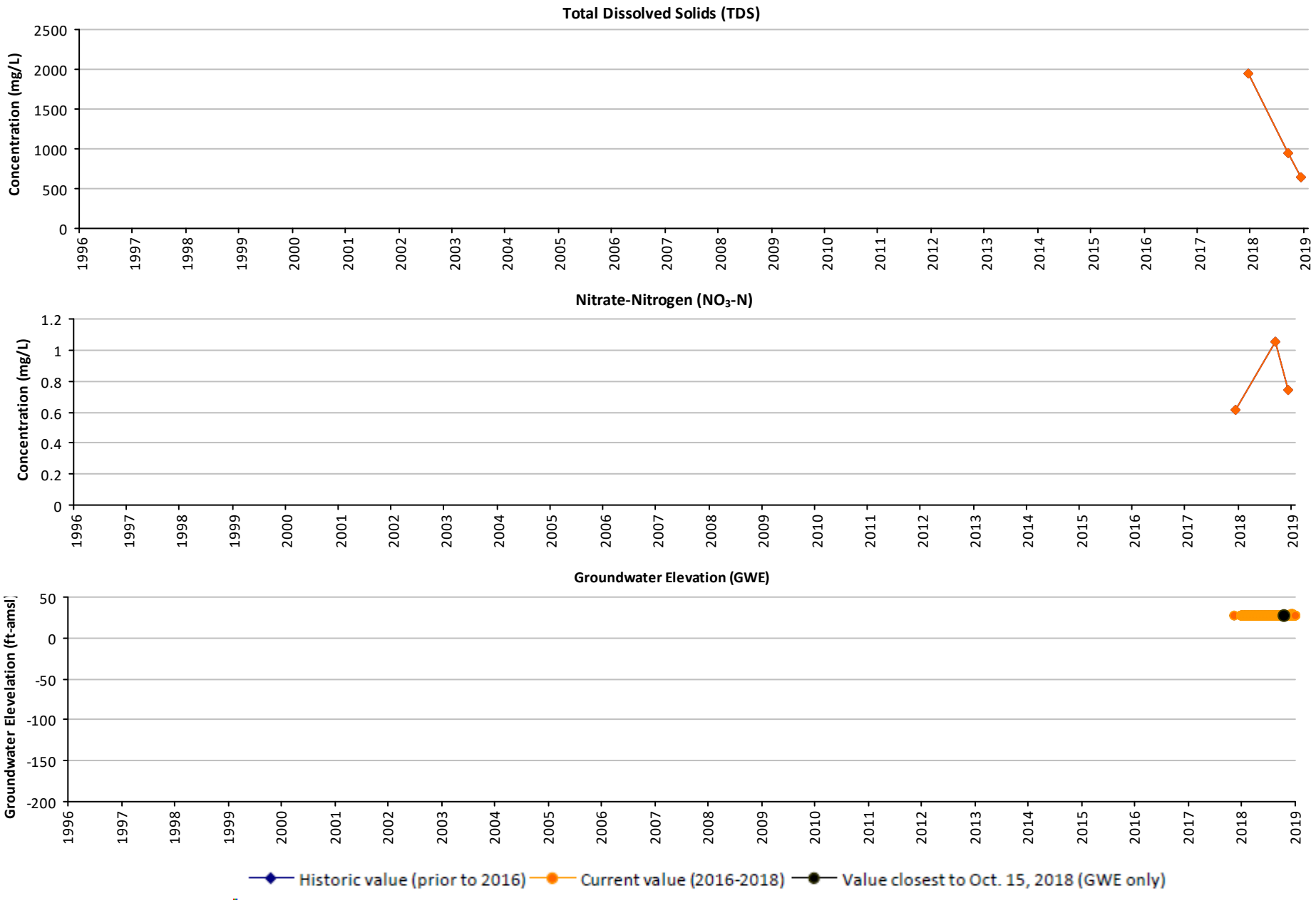

Total Dissolved Solids (TDS)
Concentration (mg/L)
27500
27000
26500
26000
25500
25000
24500
24000
23500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

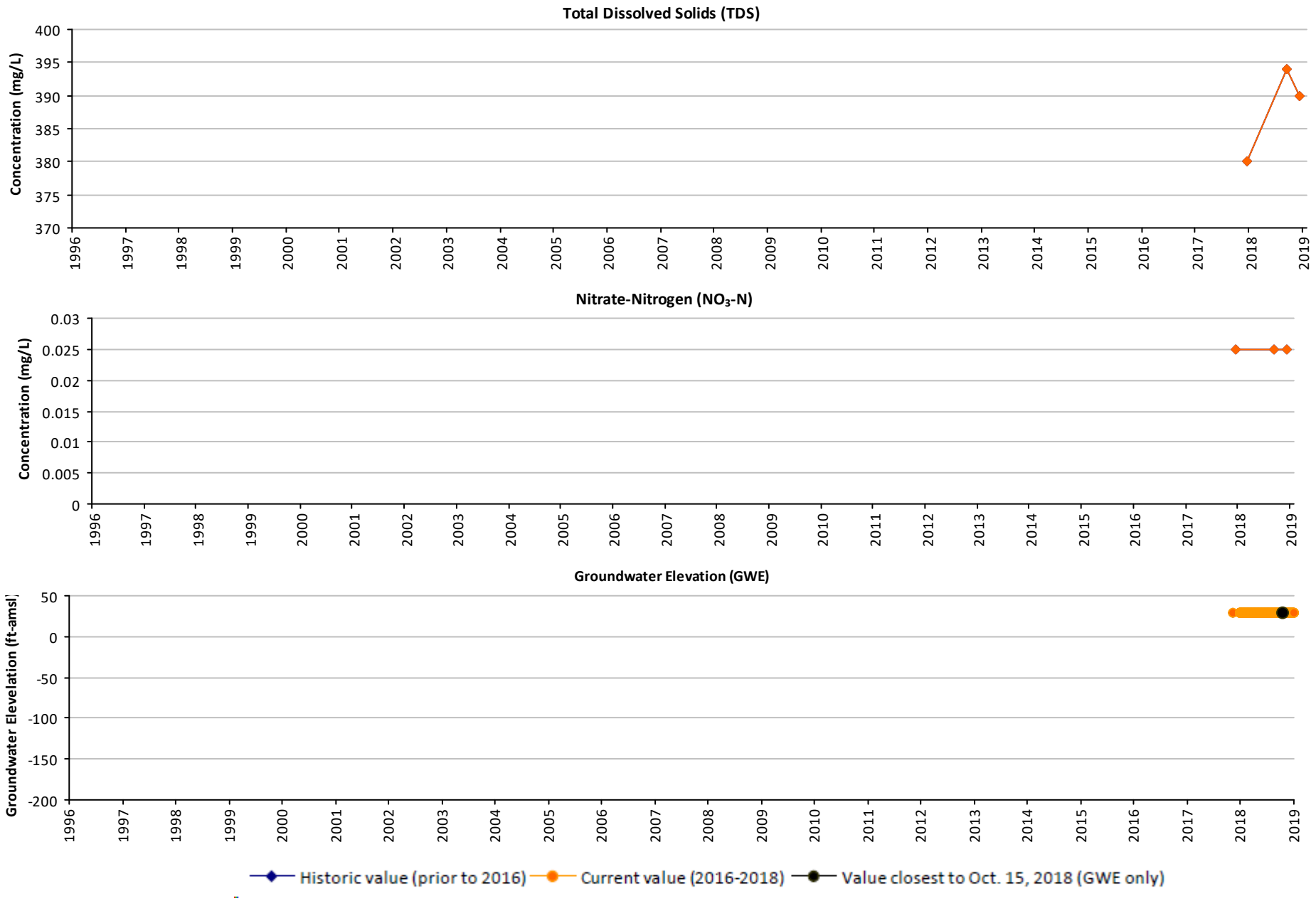

Total Dissolved Solids (TDS)
Concentration (mg/L)
525
520
515
510
505
500
495
490
485
480
475
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.7
1.65
1.6
1.55
1.5
1.45
1.4
1.35
1.3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

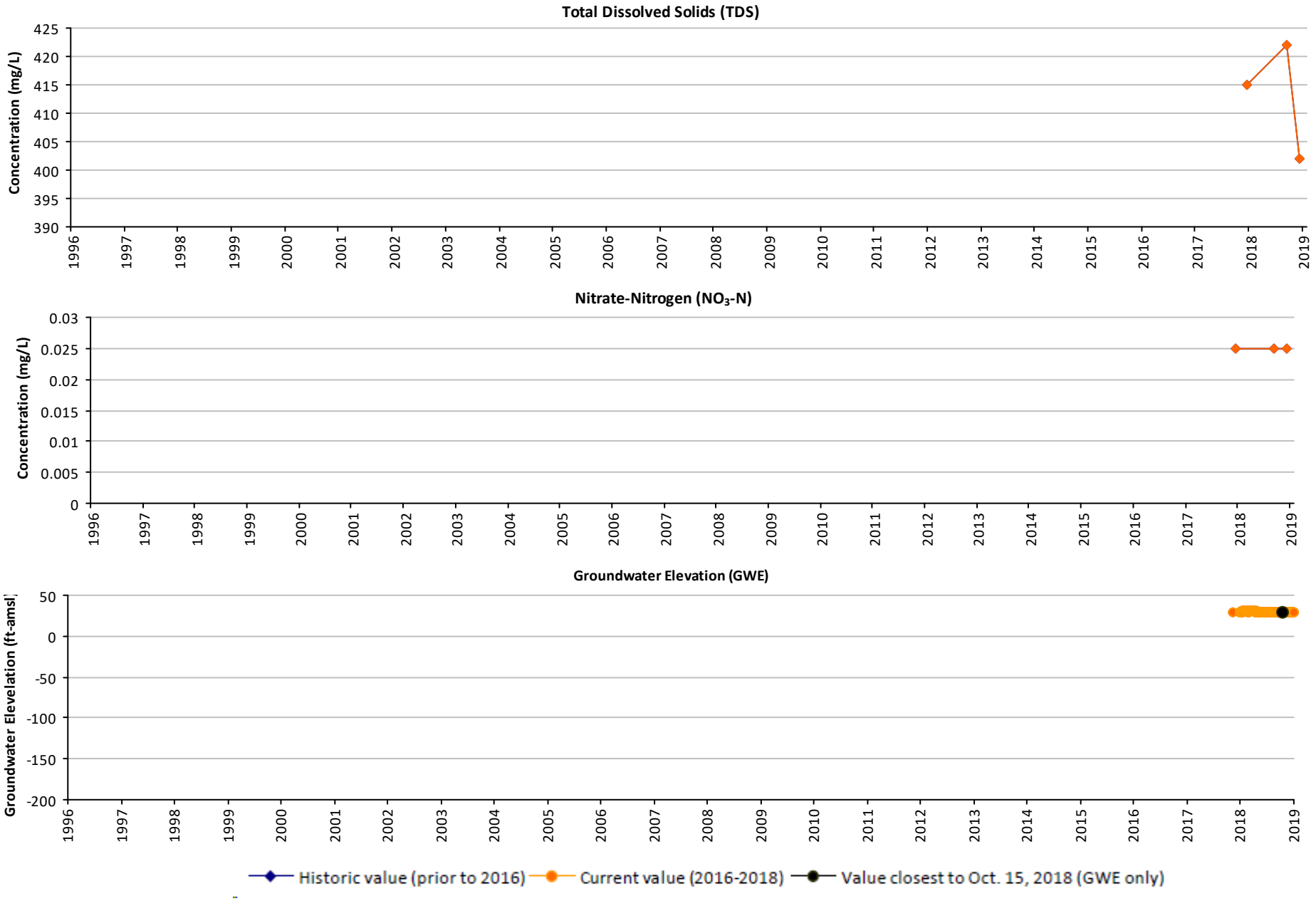

Total Dissolved Solids (TDS)
Concentration (mg/L)
5950
5900
5850
5800
5750
5700
5650
5600
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

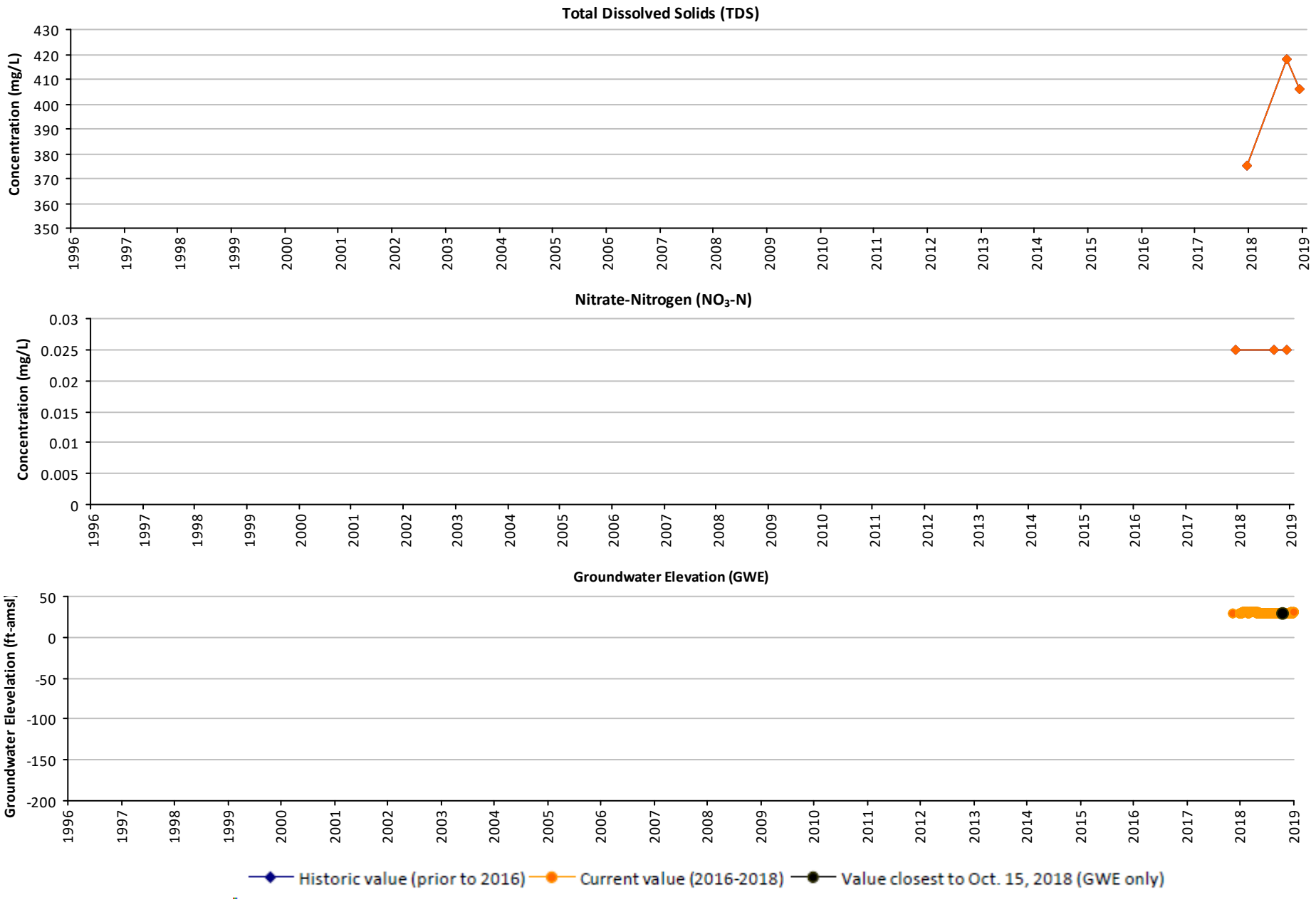

Total Dissolved Solids (TDS)
Concentration (mg/L)
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

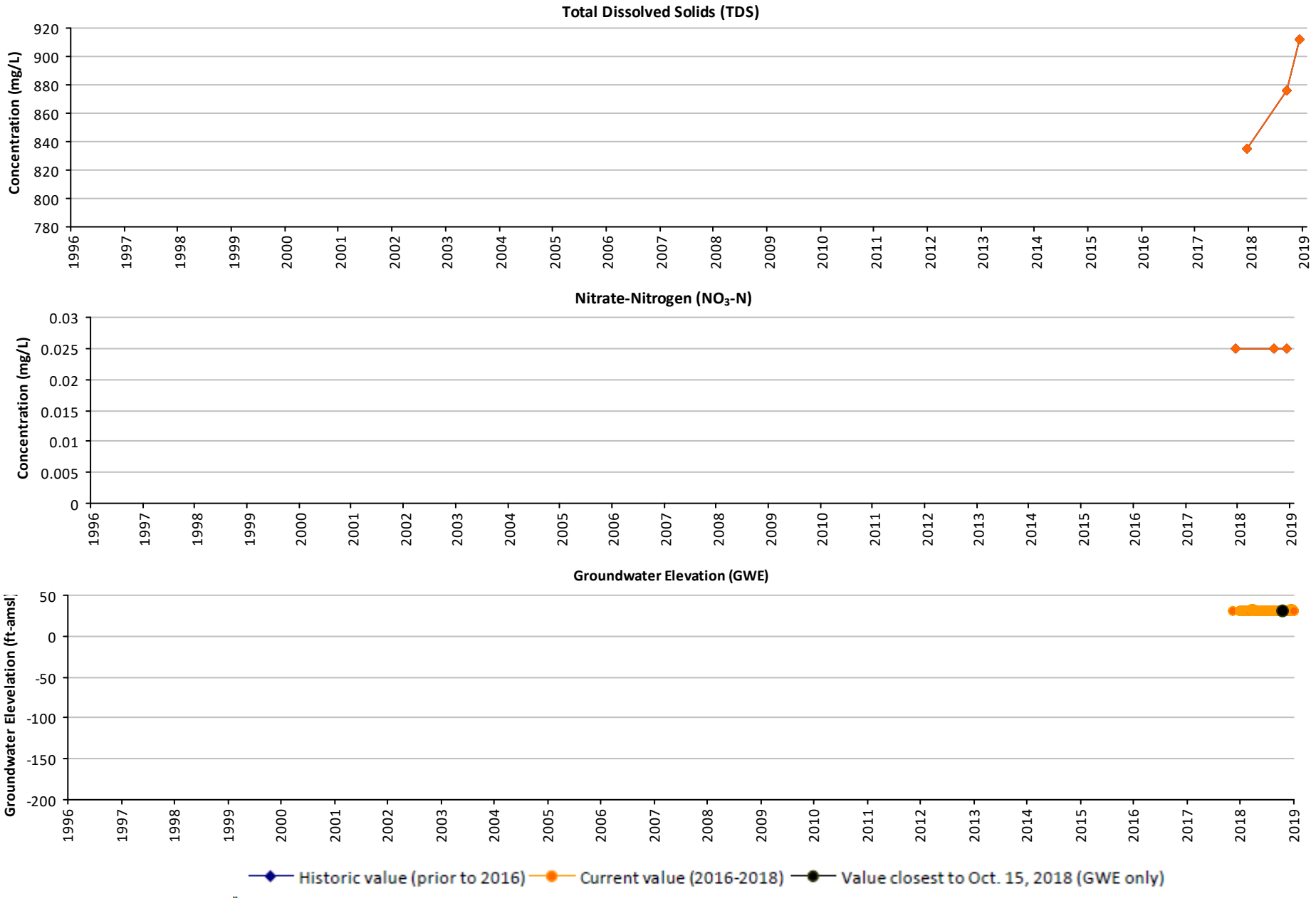

Total Dissolved Solids (TDS)
Concentration (mg/L)
1252
1250
1248
1246
1244
1242
1240
1238
1236
1234
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10.45
10.4
10.35
10.3
10.25
10.2
10.15
10.1
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

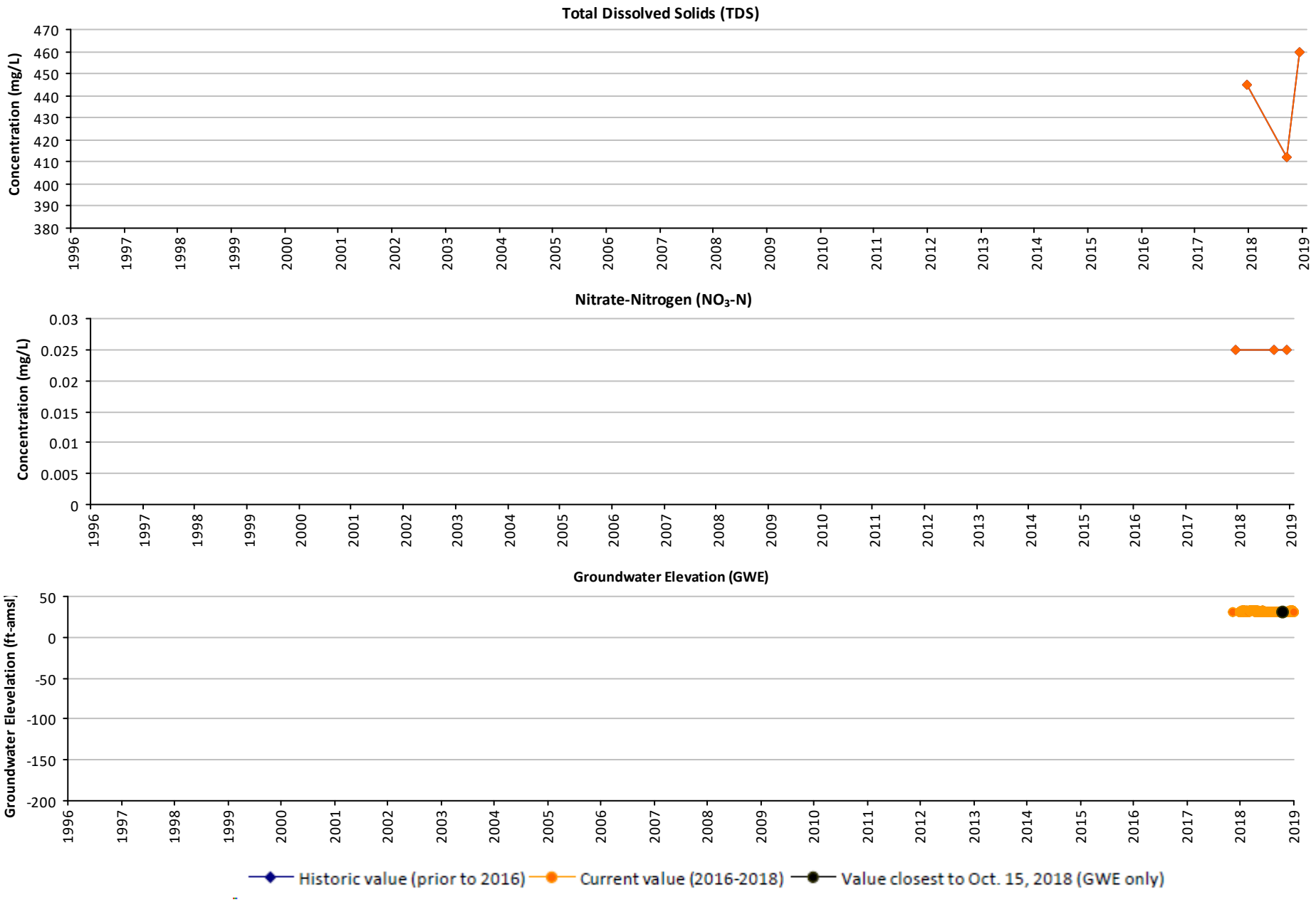

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

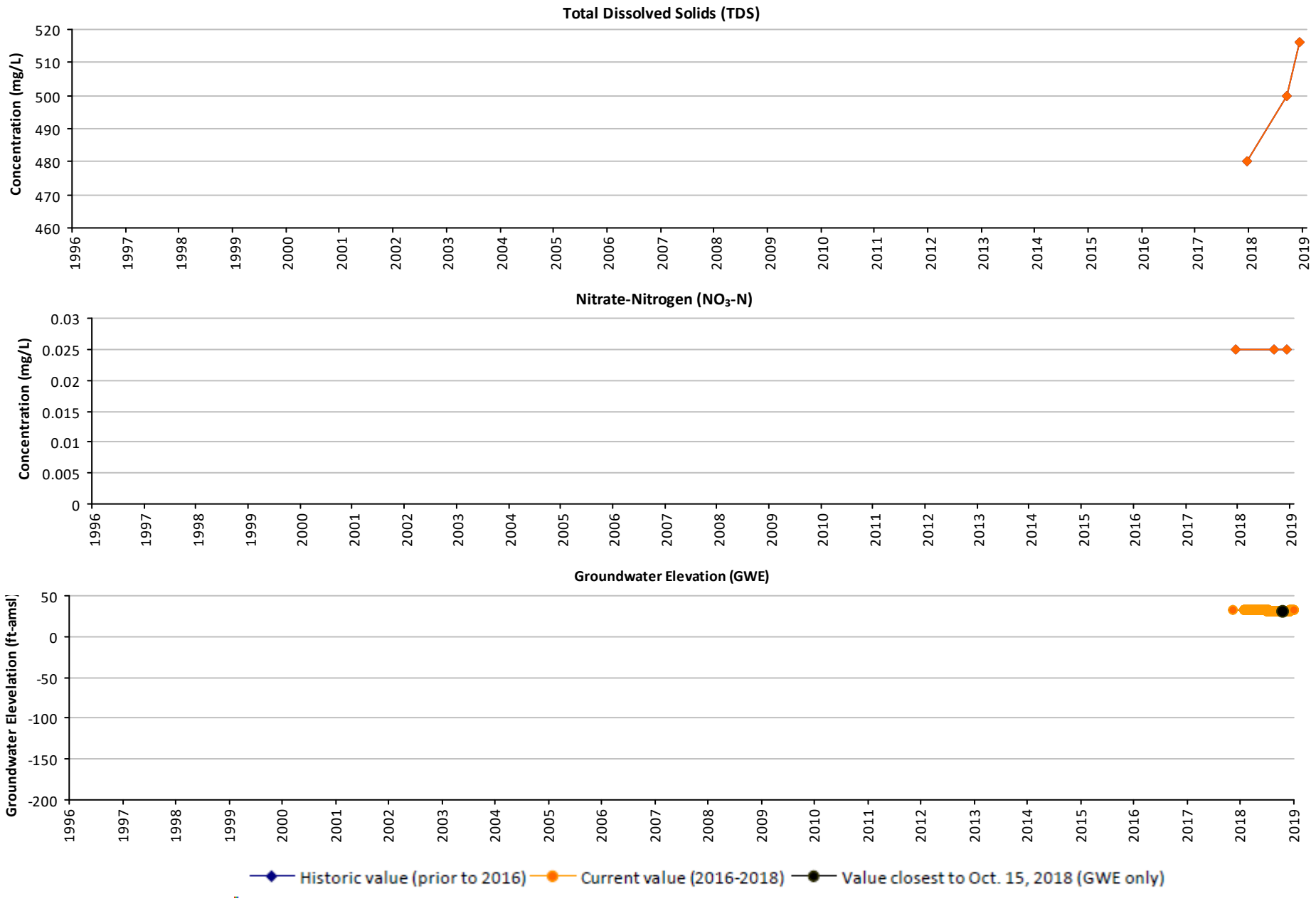

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
395
390
385
380
375
370
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

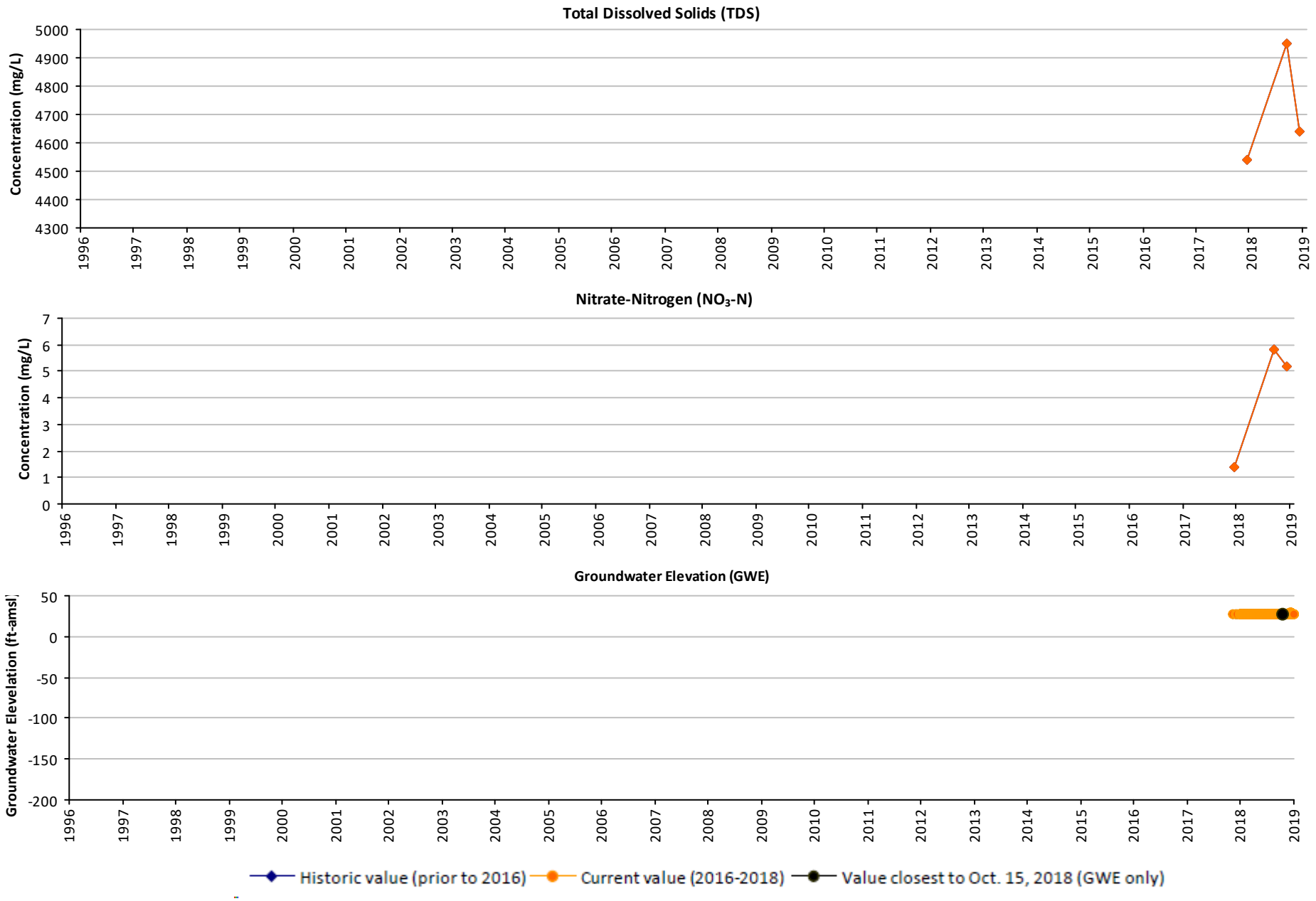

Total Dissolved Solids (TDS)
Concentration (mg/L)
425
420
415
410
405
400
395
390
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

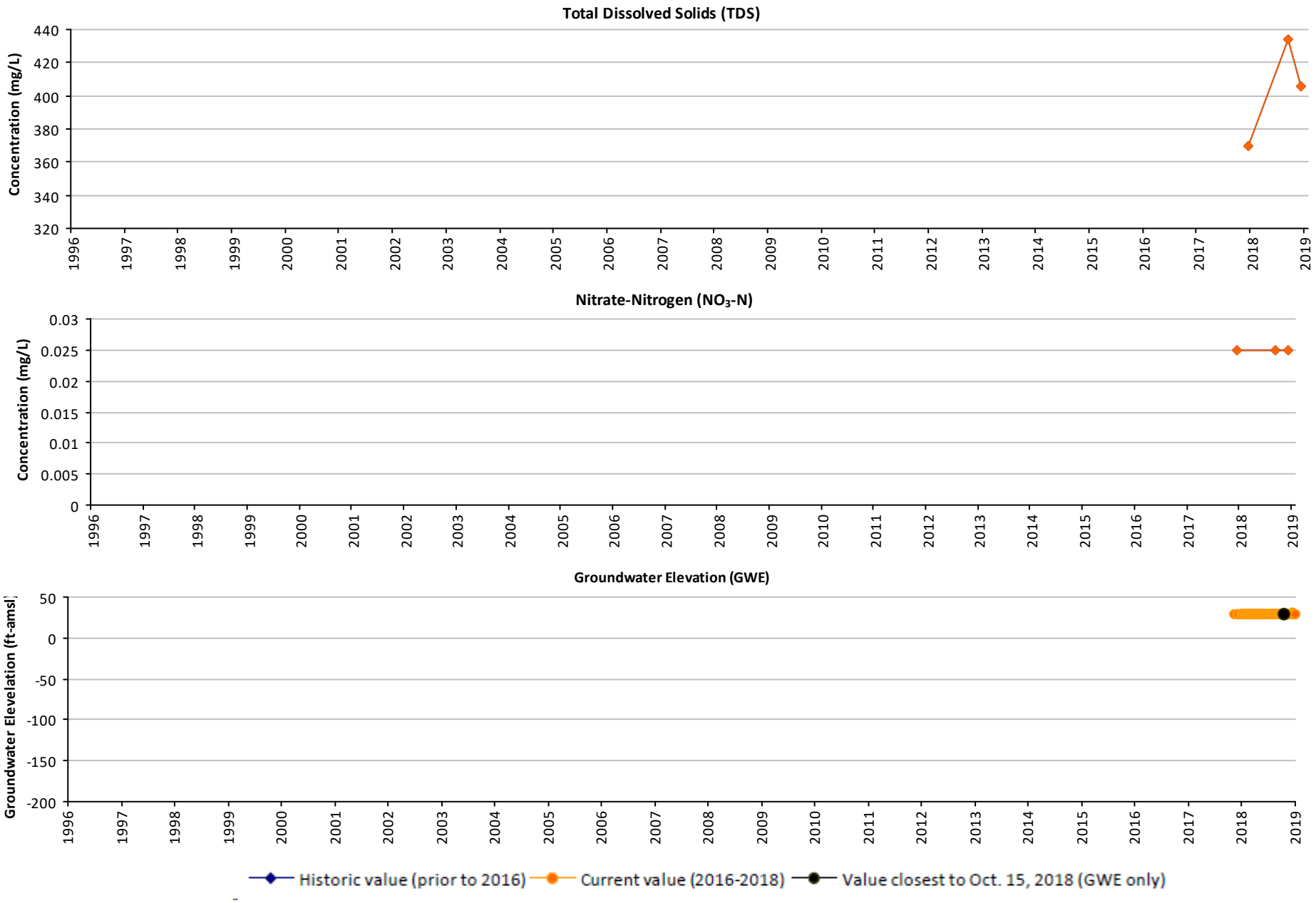

Total Dissolved Solids (TDS)
Concentration (mg/L)
430
420
410
400
390
380
370
360
350
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

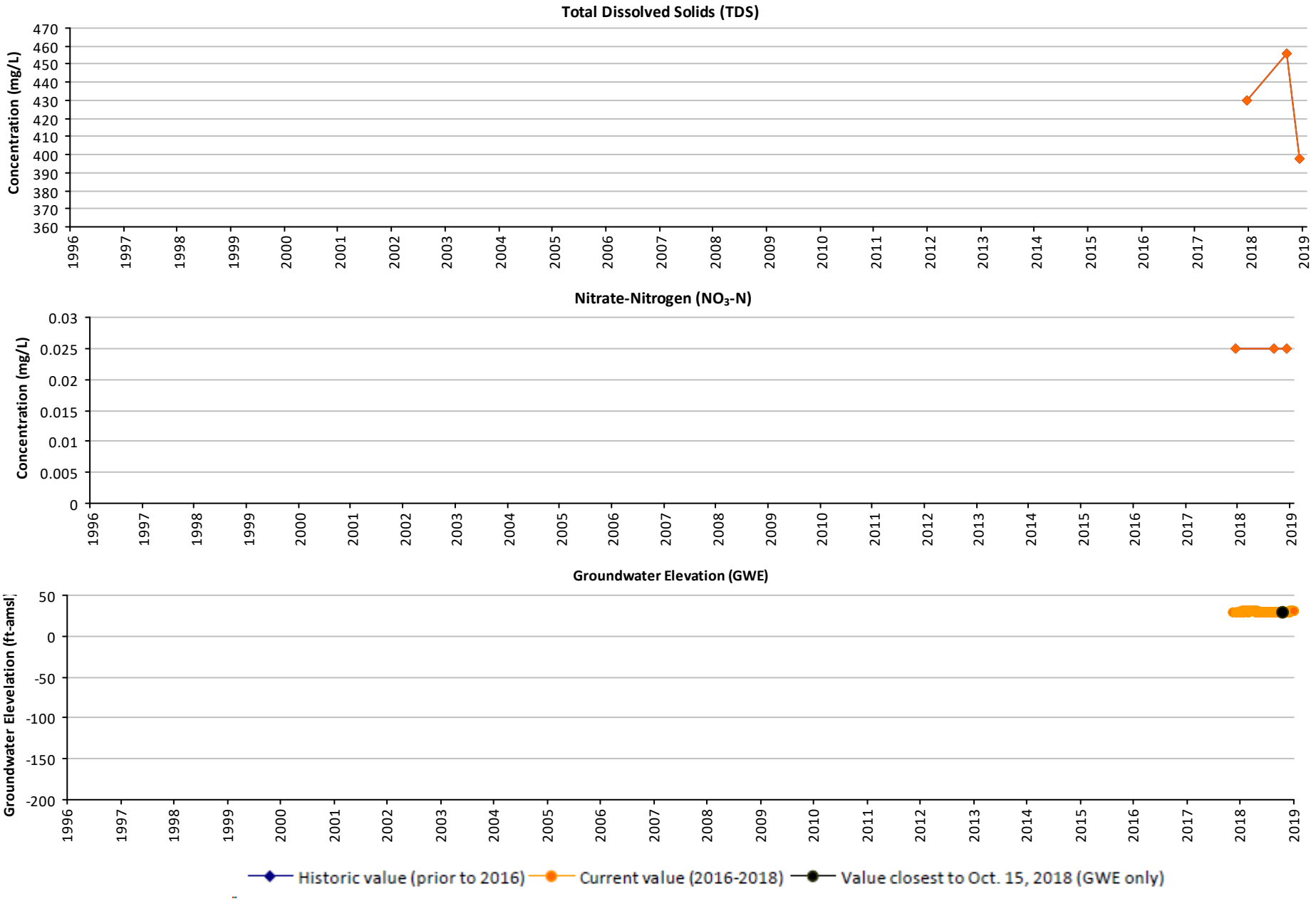

Total Dissolved Solids (TDS)
Concentration (mg/L)
920
900
880
860
840
820
800
780
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

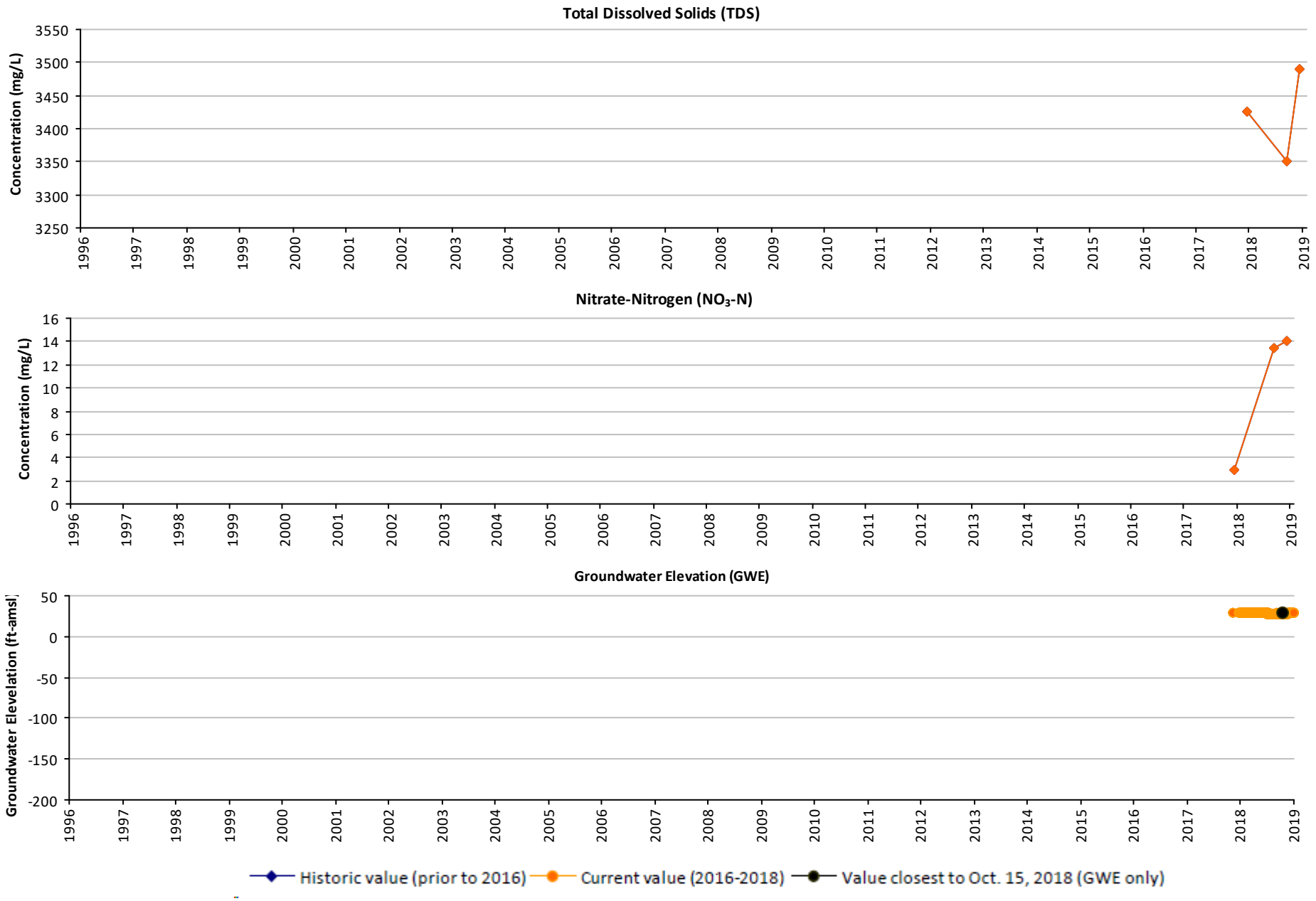

Total Dissolved Solids (TDS)
Concentration (mg/L)
470
460
450
440
430
420
410
400
390
380
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

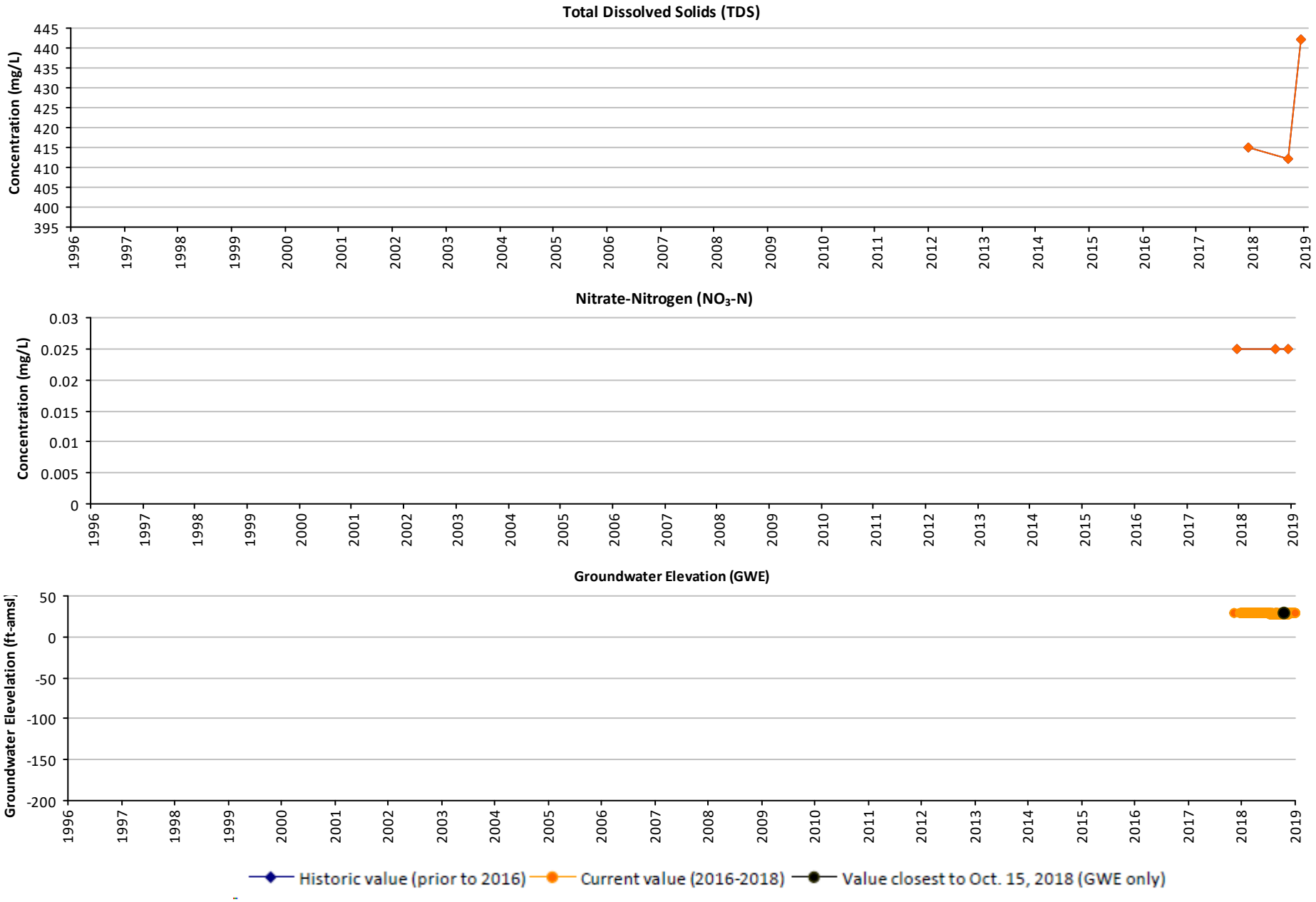

Total Dissolved Solids (TDS)
Concentration (mg/L)
520
510
500
490
480
470
460
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

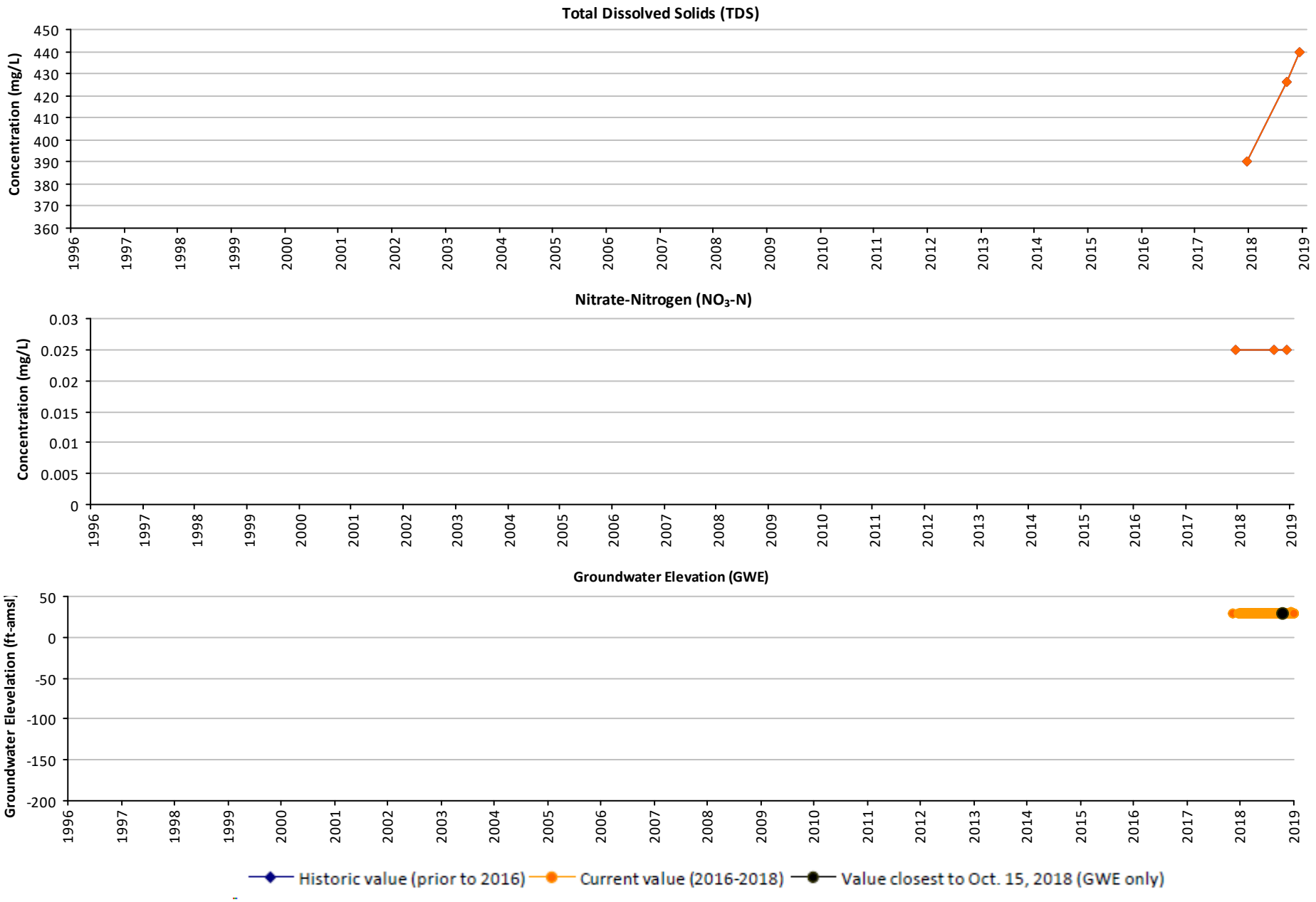

Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4900
4800
4700
4600
4500
4400
4300
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

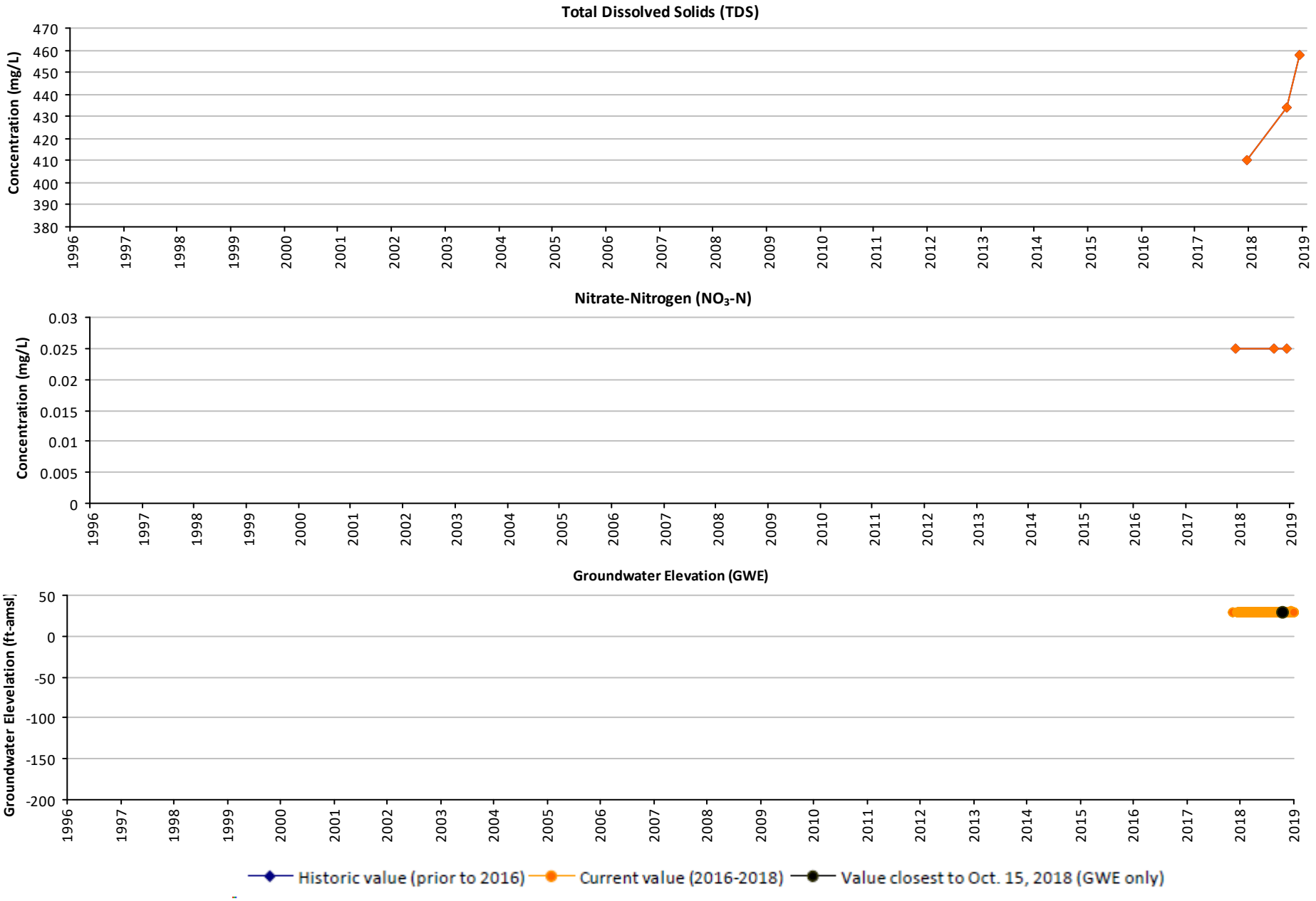

Total Dissolved Solids (TDS)
Concentration (mg/L)
440
420
400
380
360
340
320
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

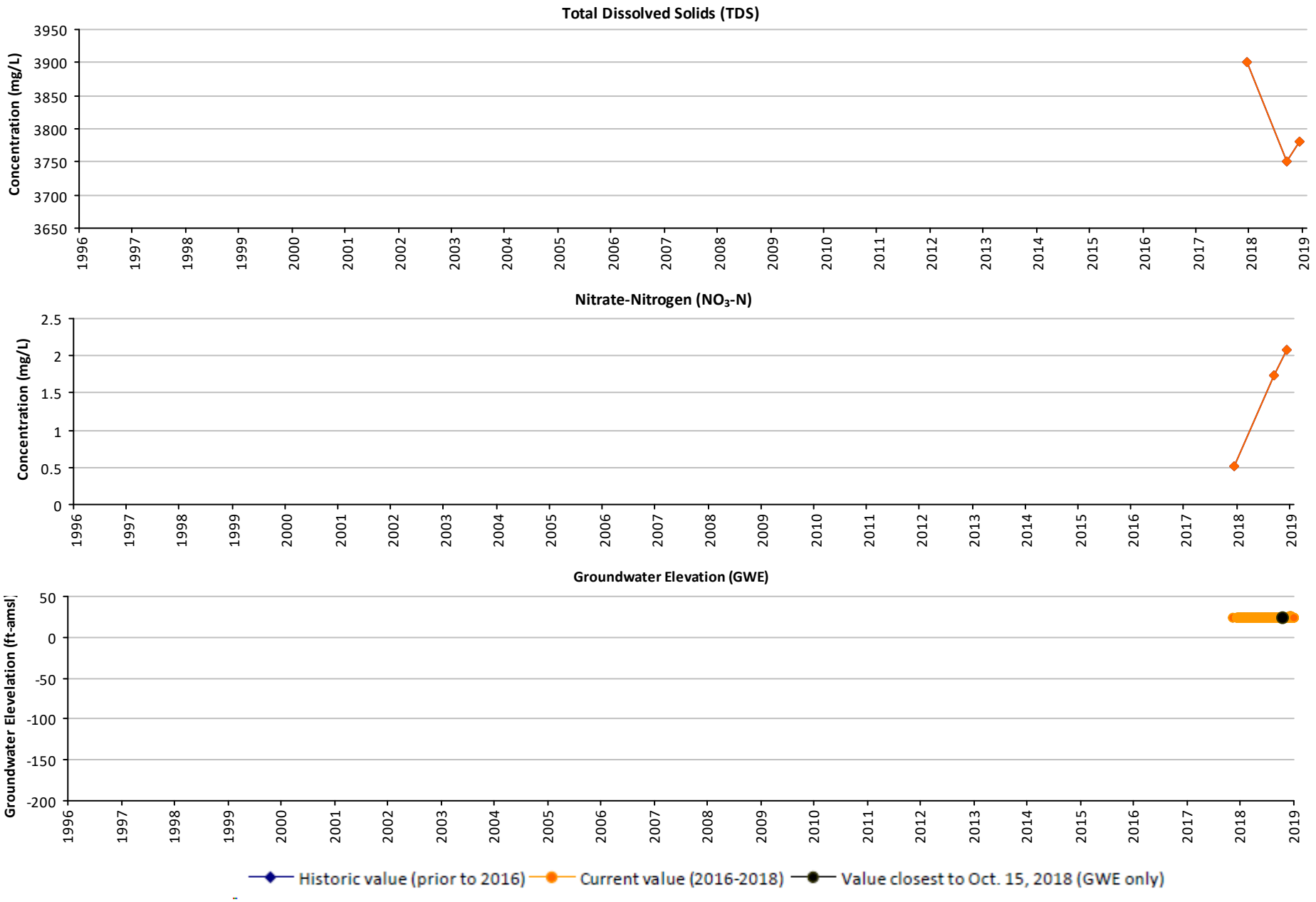

Total Dissolved Solids (TDS)
Concentration (mg/L)
470
460
450
440
430
420
410
400
390
380
370
360
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

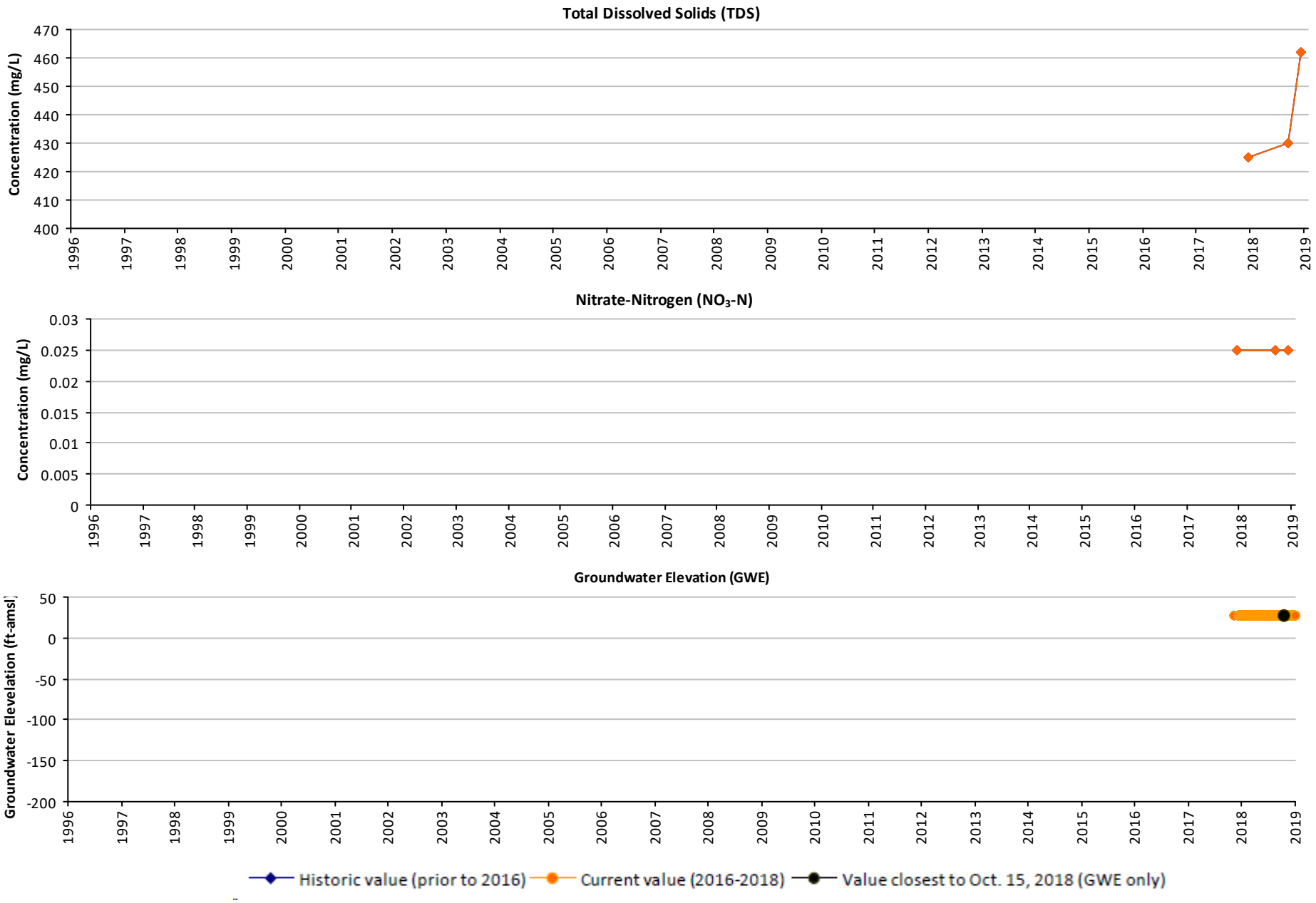

Total Dissolved Solids (TDS)
Concentration (mg/L)
3550
3500
3450
3400
3350
3300
3250
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

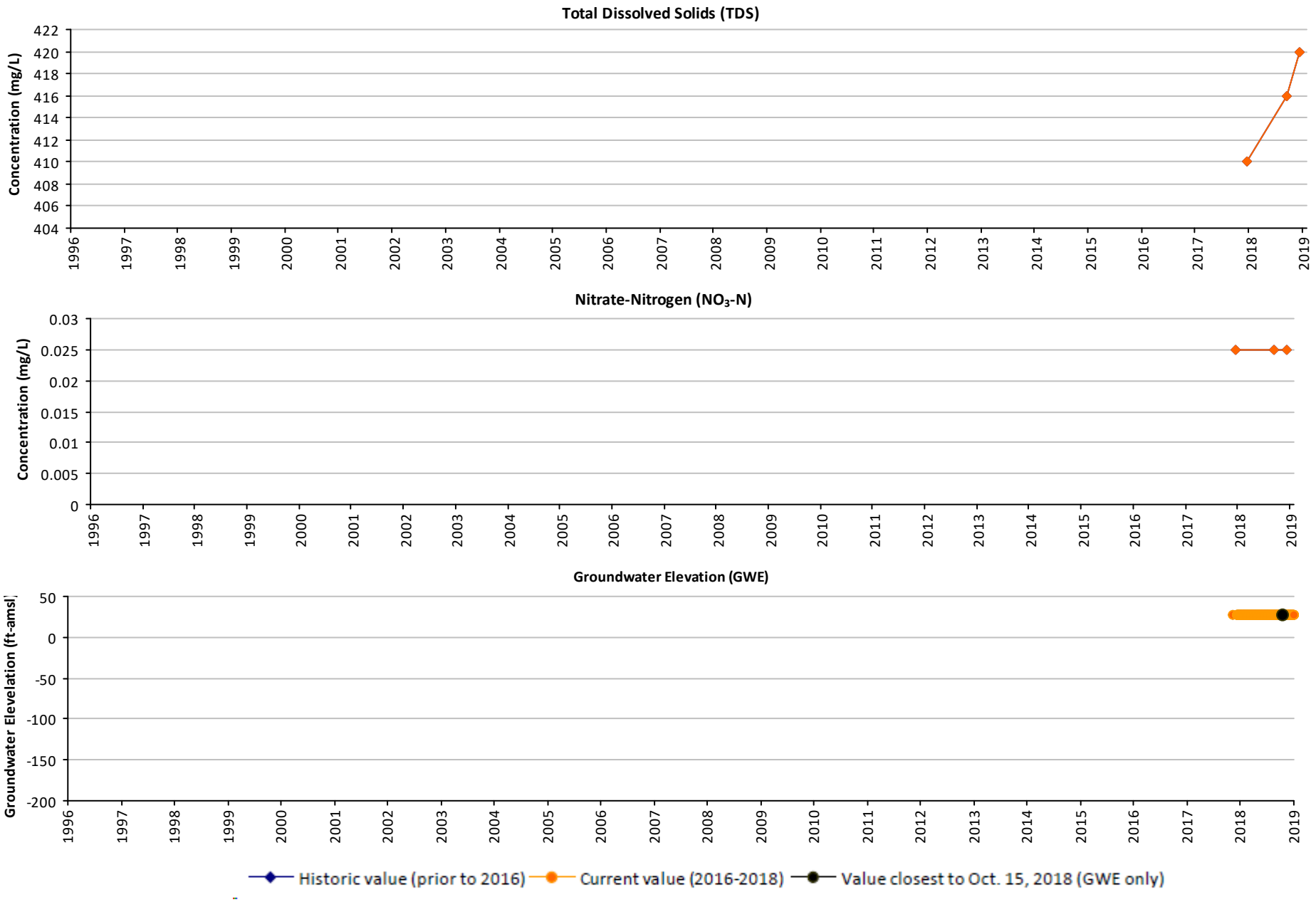

Total Dissolved Solids (TDS)
Concentration (mg/L)
445
440
435
430
425
420
415
410
405
400
395
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

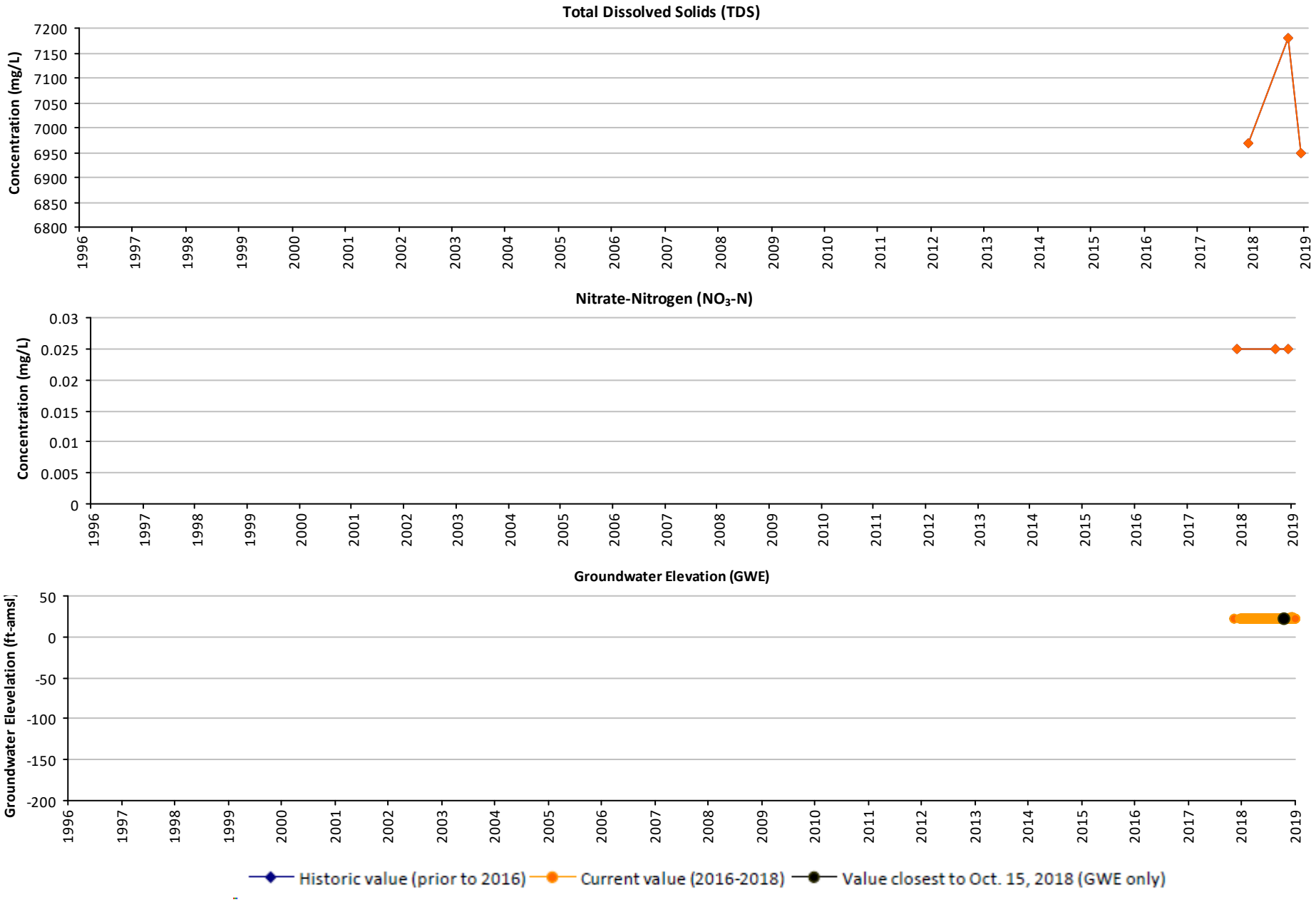

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
440
430
420
410
400
390
380
370
360
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

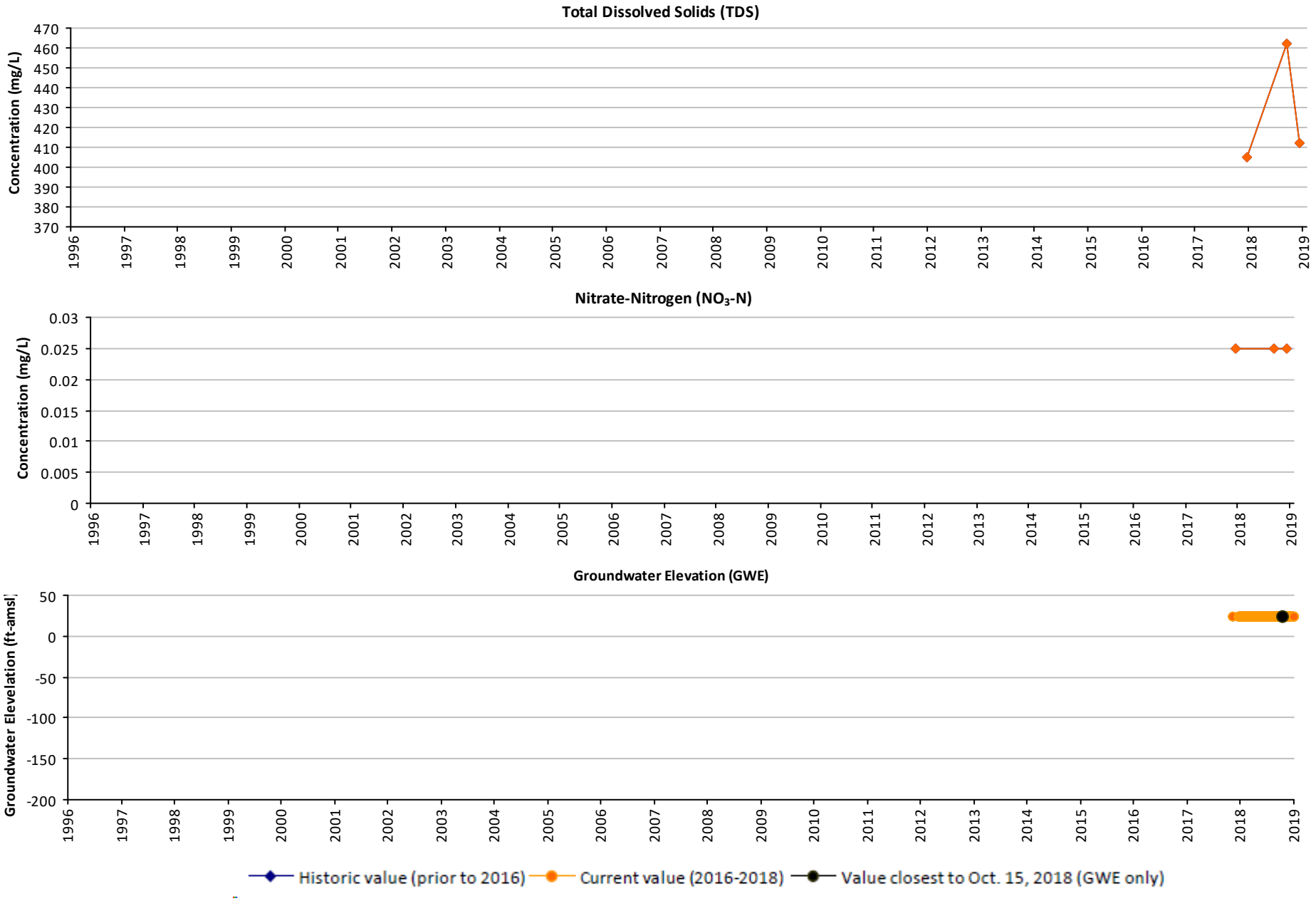

Total Dissolved Solids (TDS)
Concentration (mg/L)
470
460
450
440
430
420
410
400
390
380
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

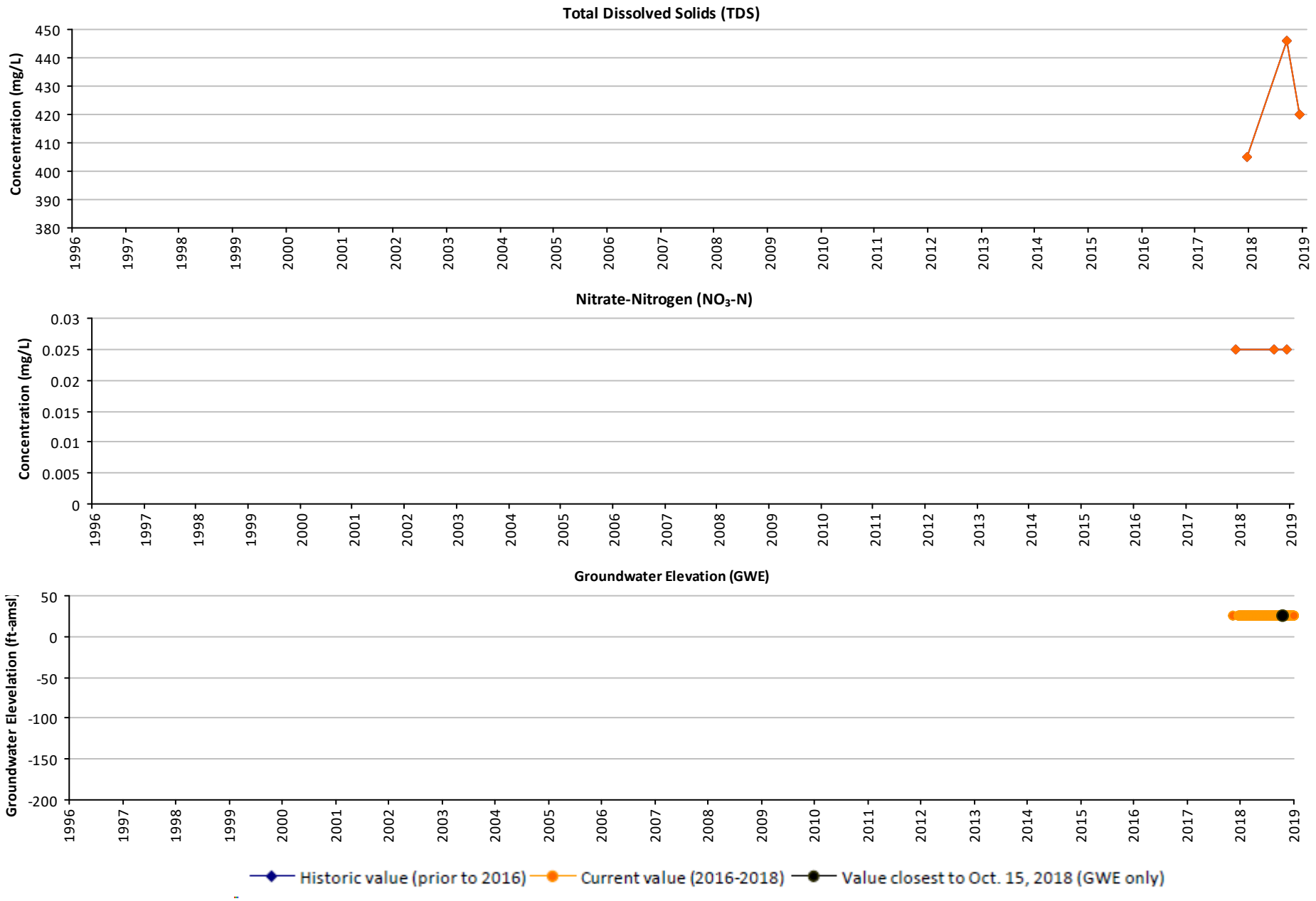

Total Dissolved Solids (TDS)
Concentration (mg/L)
3950
3900
3850
3800
3750
3700
3650
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

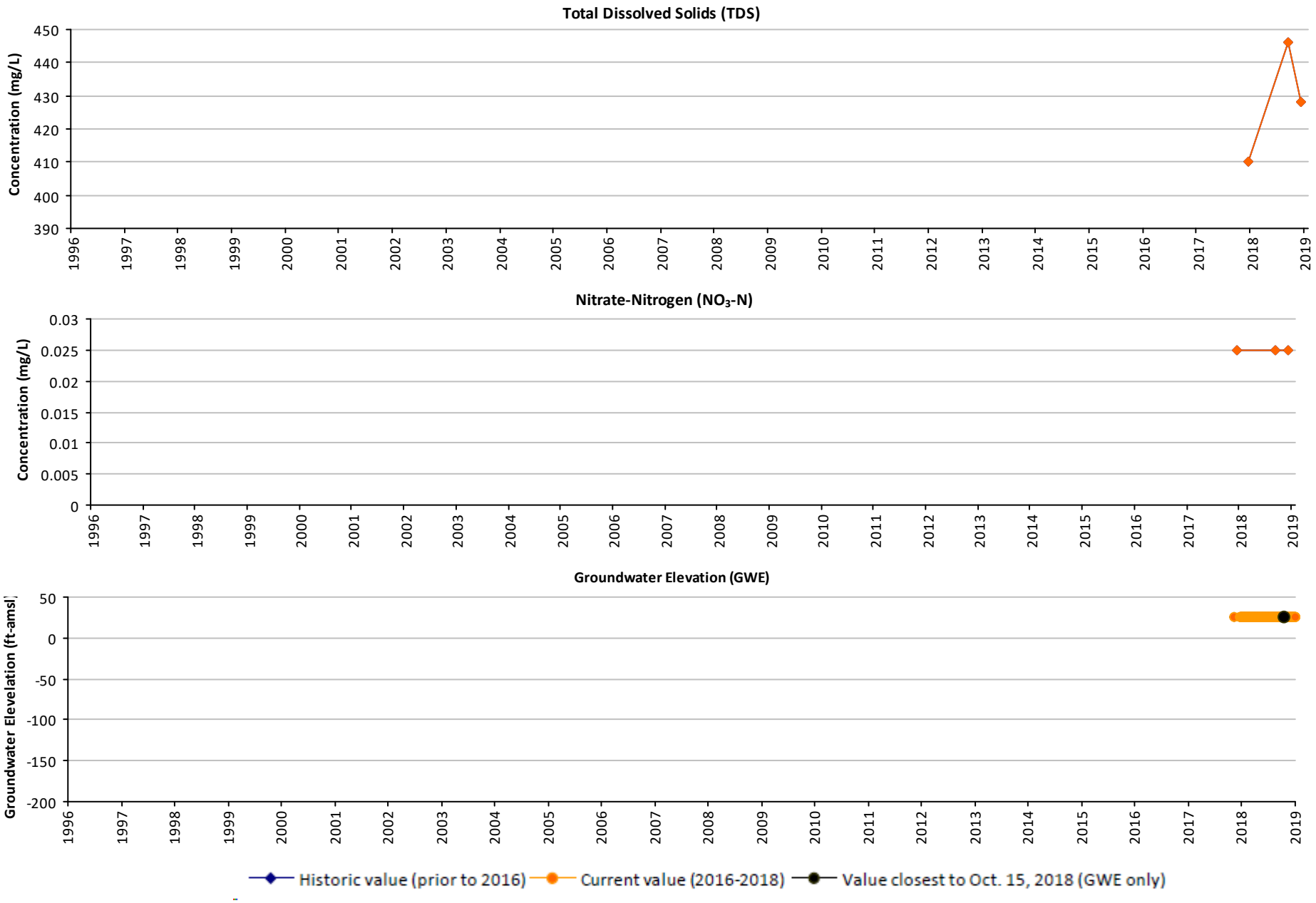

Total Dissolved Solids (TDS)
Concentration (mg/L)
470
460
450
440
430
420
410
400
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

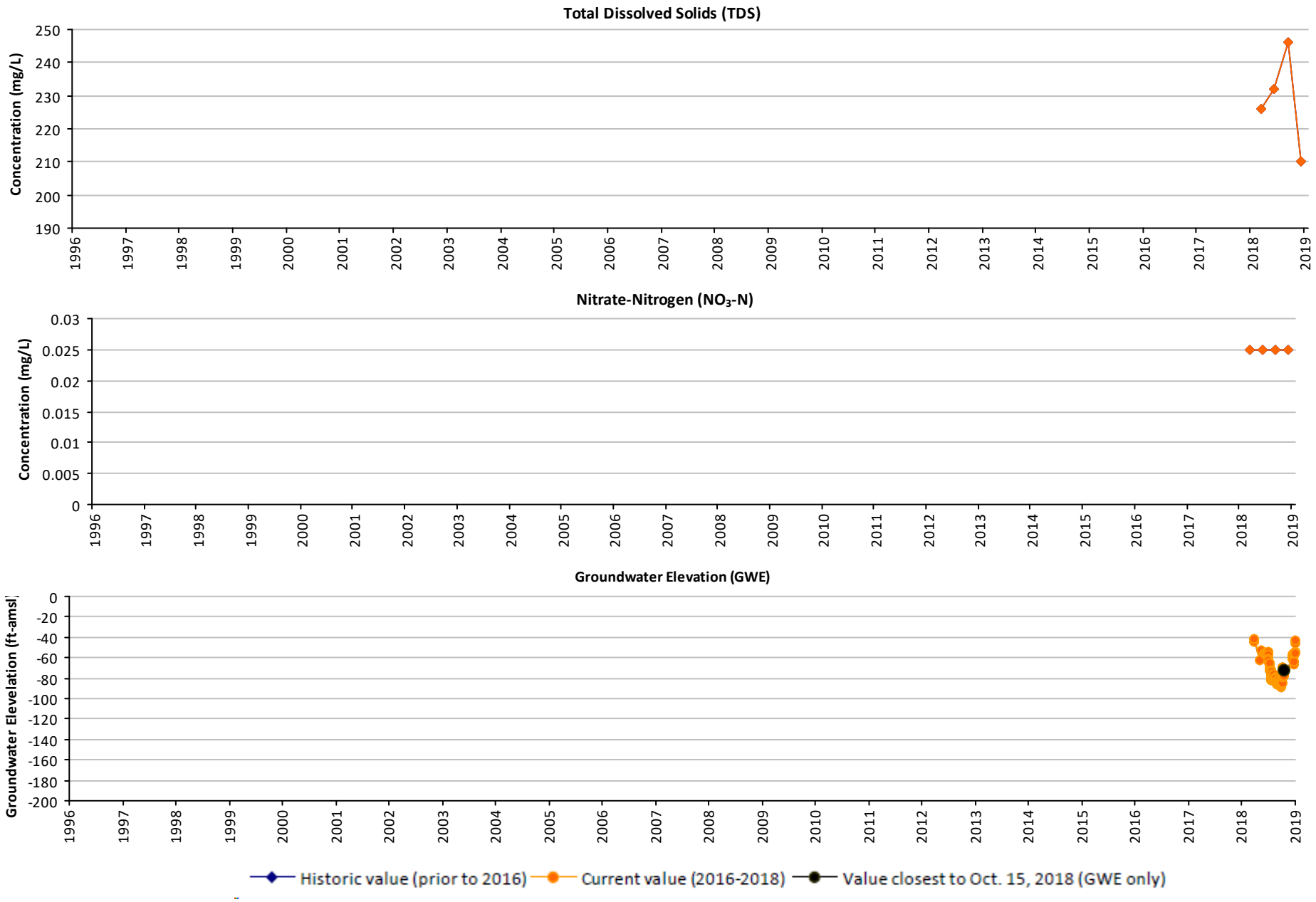

Total Dissolved Solids (TDS)
Concentration (mg/L)
422
420
418
416
414
412
410
408
406
404
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

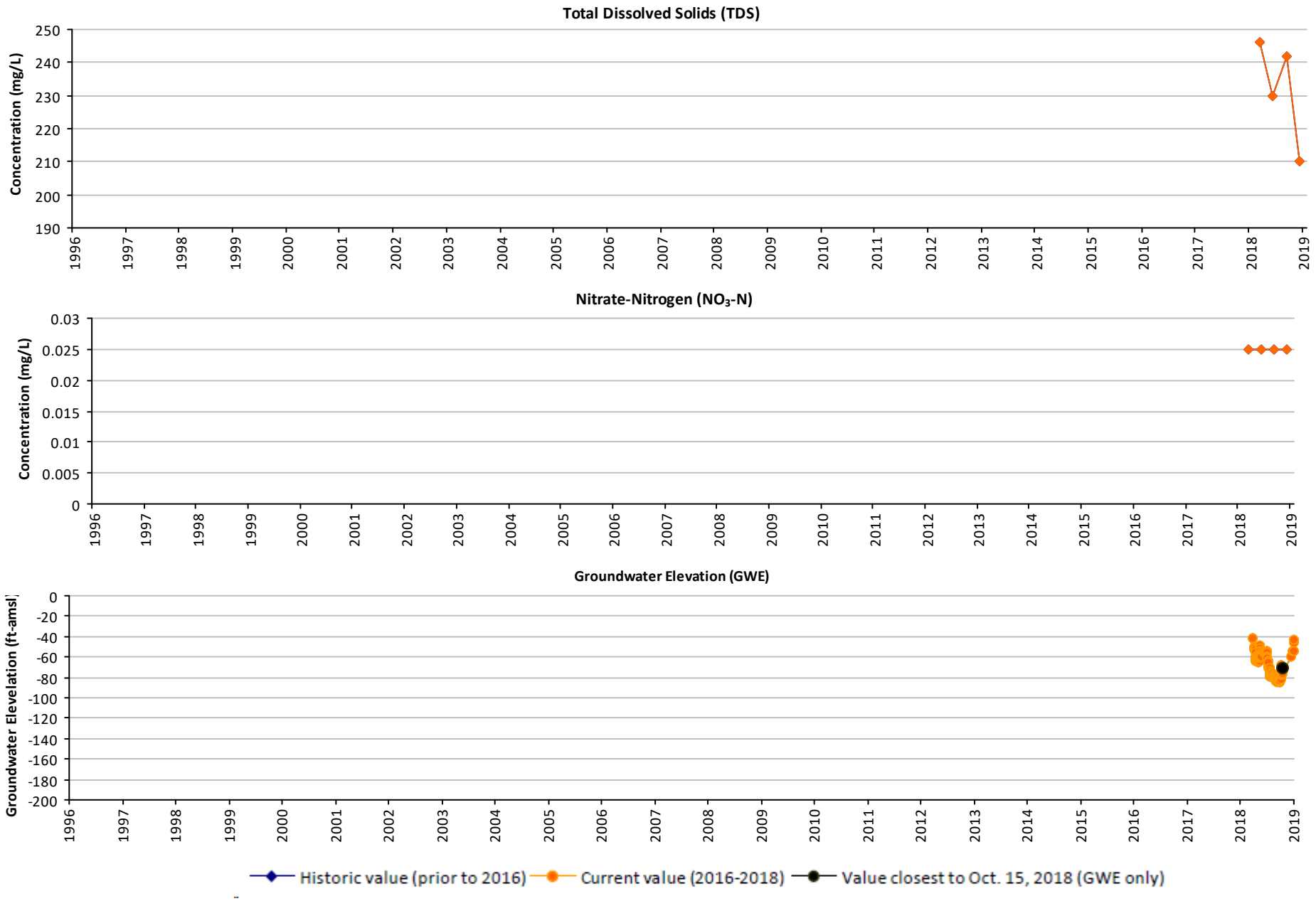

Total Dissolved Solids (TDS)
Concentration (mg/L)
7200
7150
7100
7050
7000
6950
6900
6850
6800
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

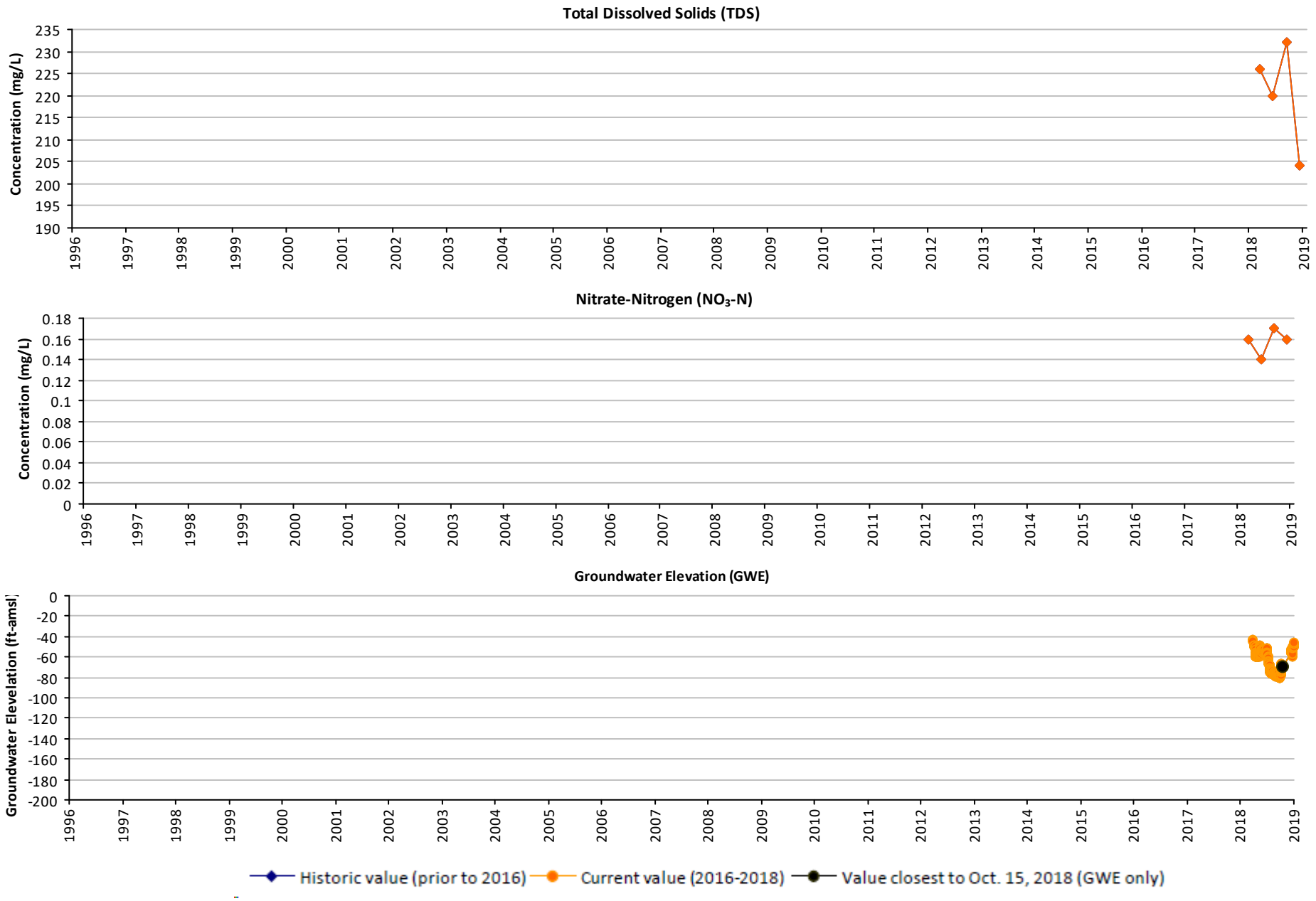

Total Dissolved Solids (TDS)
Concentration (mg/L)
470
460
450
440
430
420
410
400
390
380
370
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

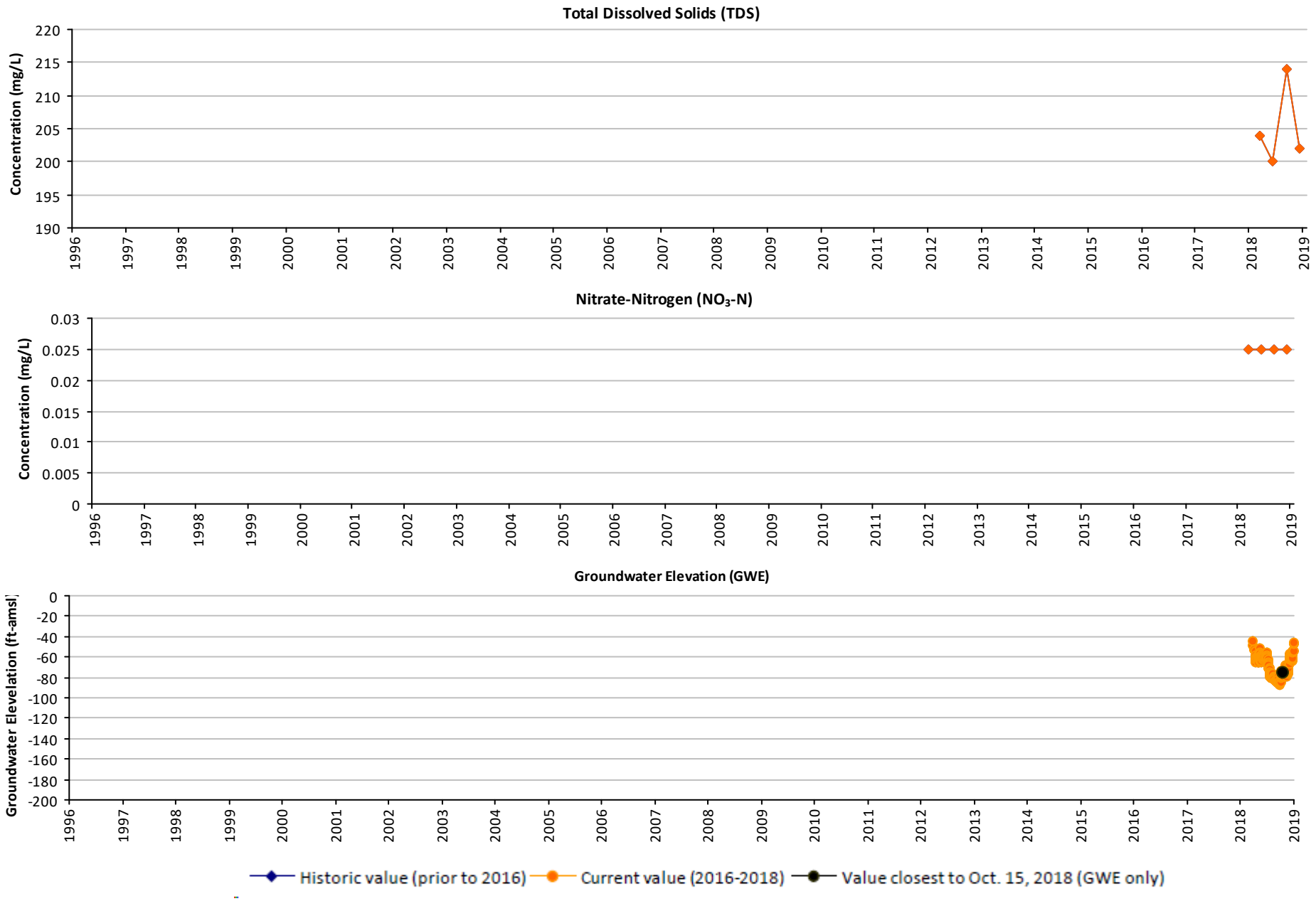

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
440
430
420
410
400
390
380
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

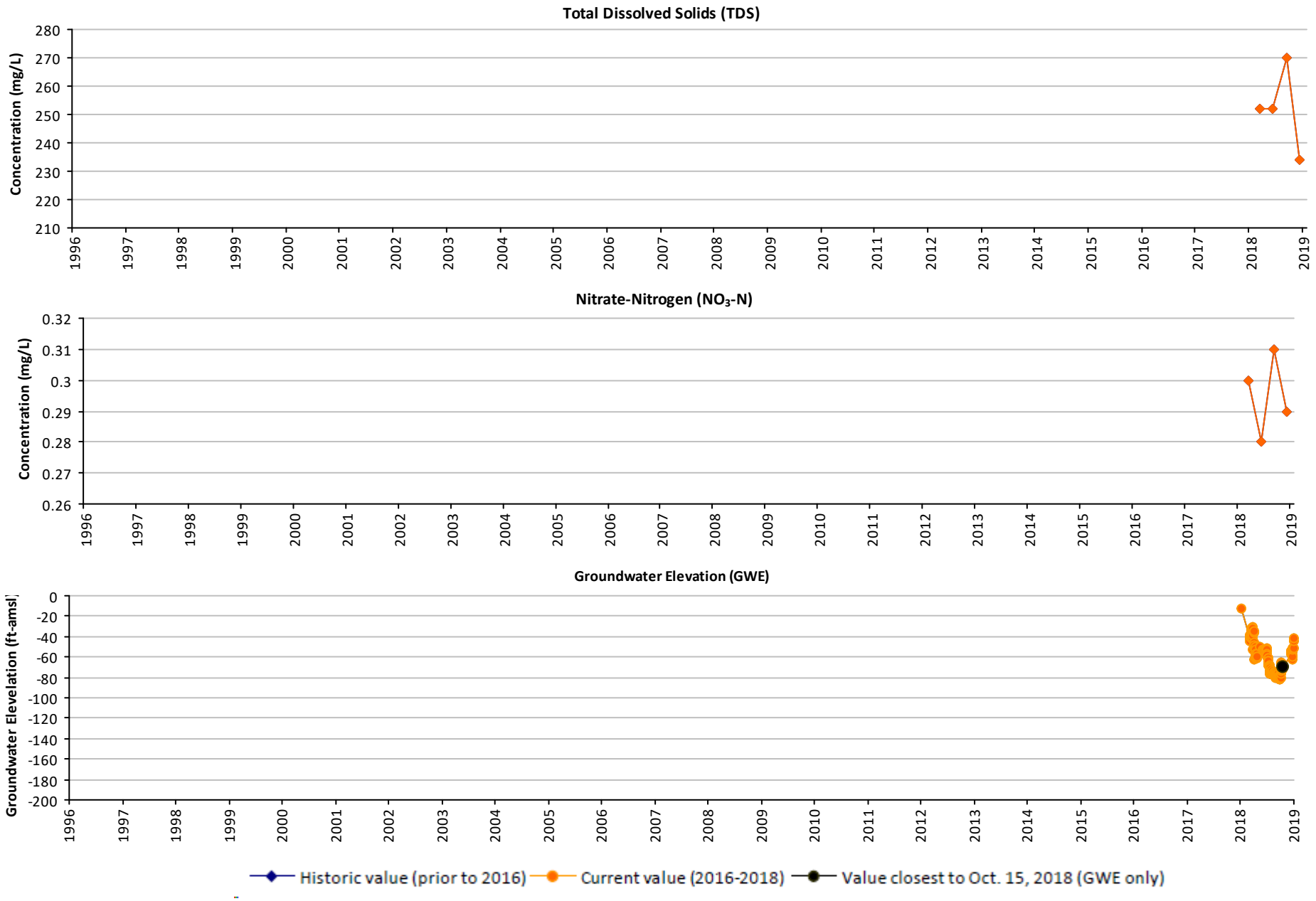

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
440
430
420
410
400
390
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
50
0
-50
-100
-150
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

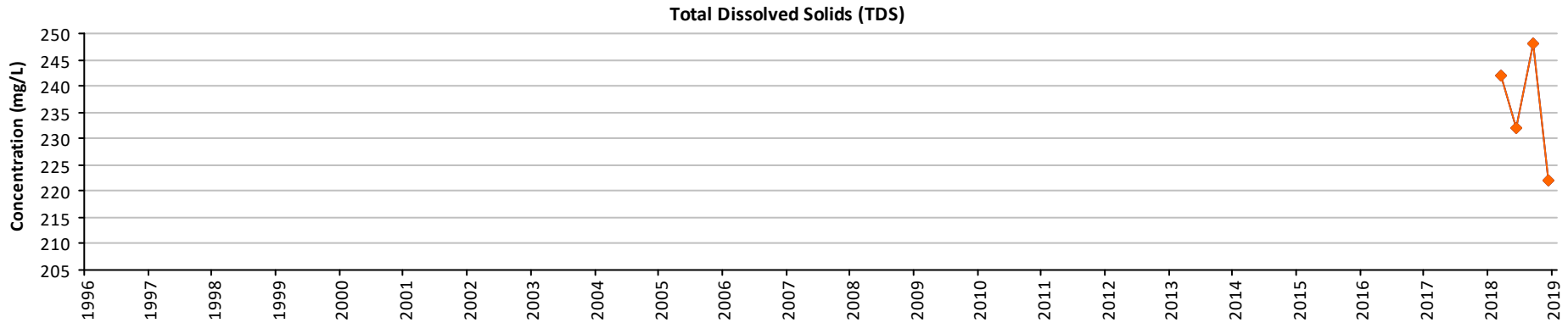

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
240
230
220
210
200
190
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

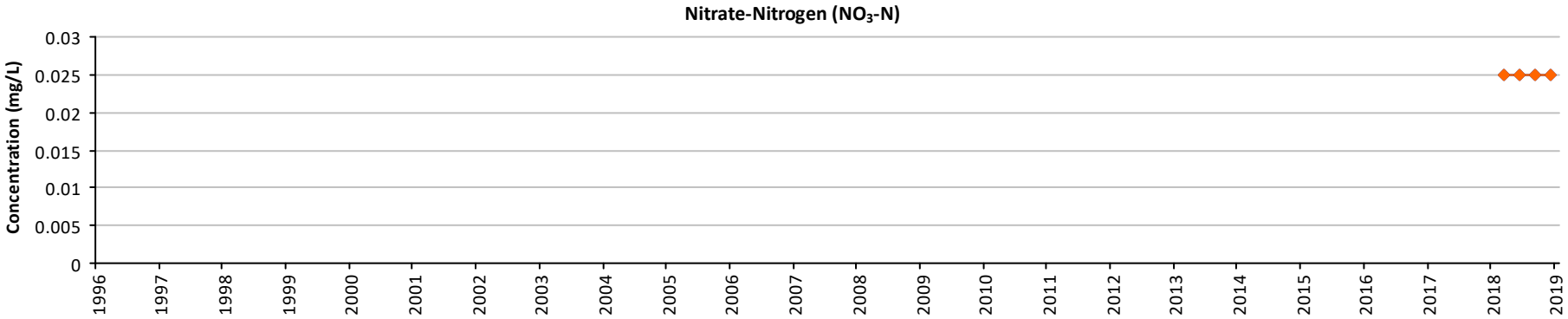

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
240
230
220
210
200
190
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

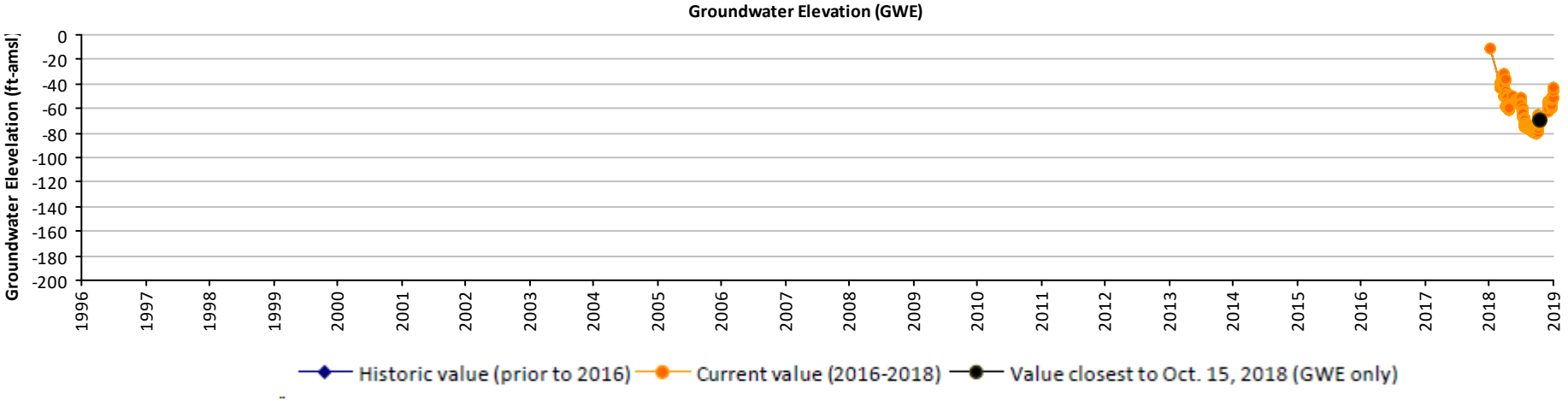

Total Dissolved Solids (TDS)
Concentration (mg/L)
235
230
225
220
215
210
205
200
195
190
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

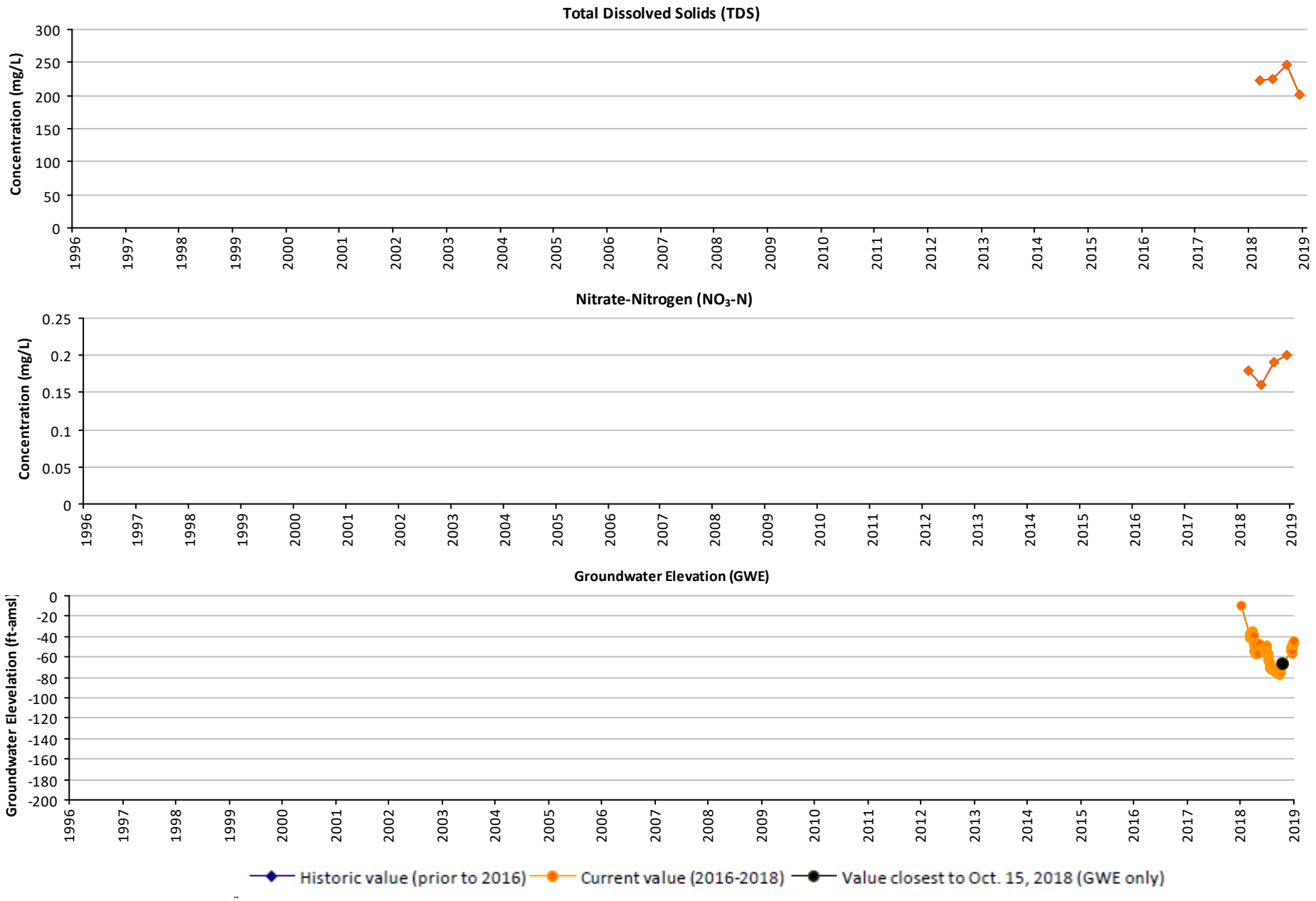

Total Dissolved Solids (TDS)
Concentration (mg/L)
220
215
210
205
200
195
190
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

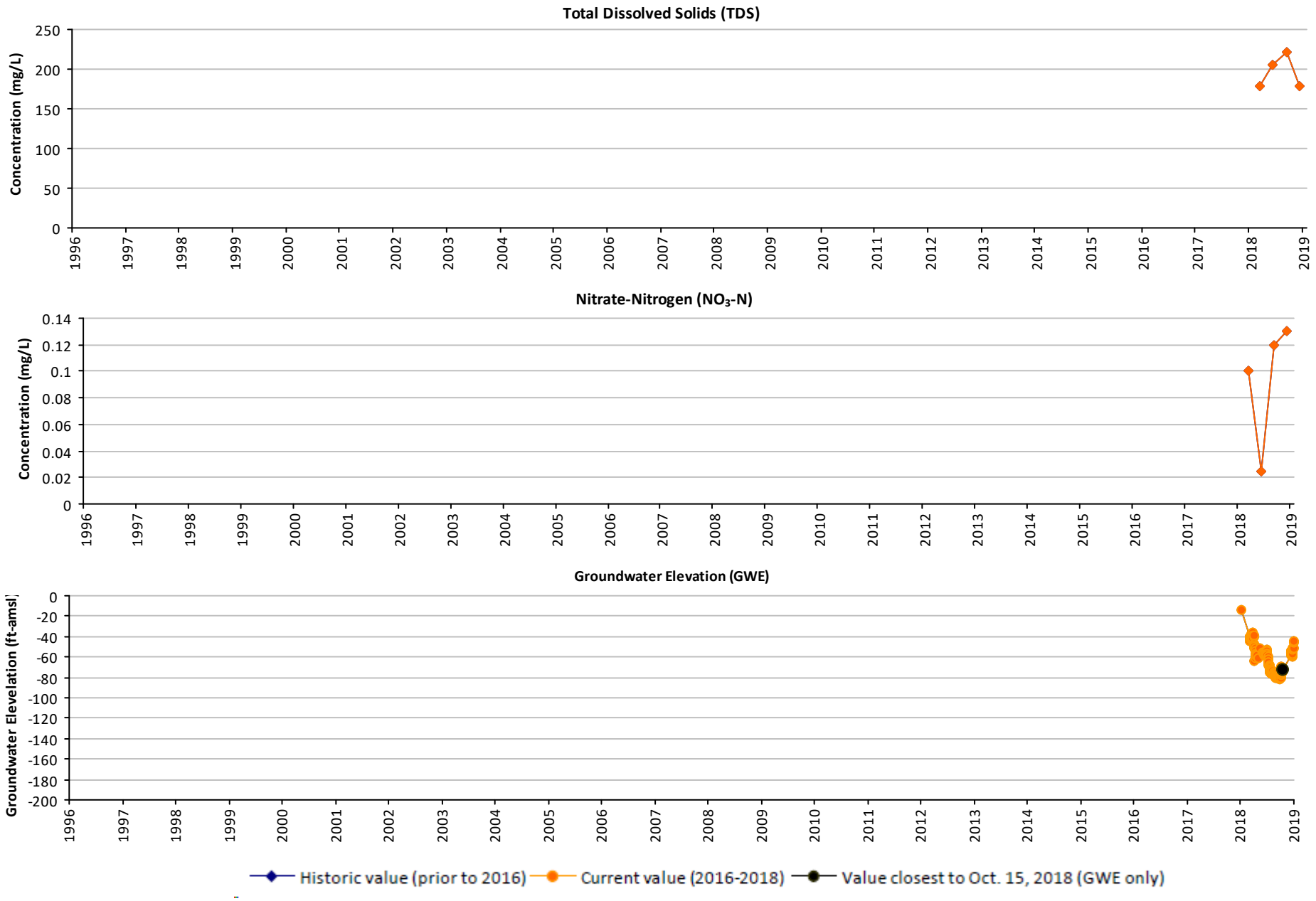

Total Dissolved Solids (TDS)
Concentration (mg/L)
280
270
260
250
240
230
220
210
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.32
0.31
0.3
0.29
0.28
0.27
0.26
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

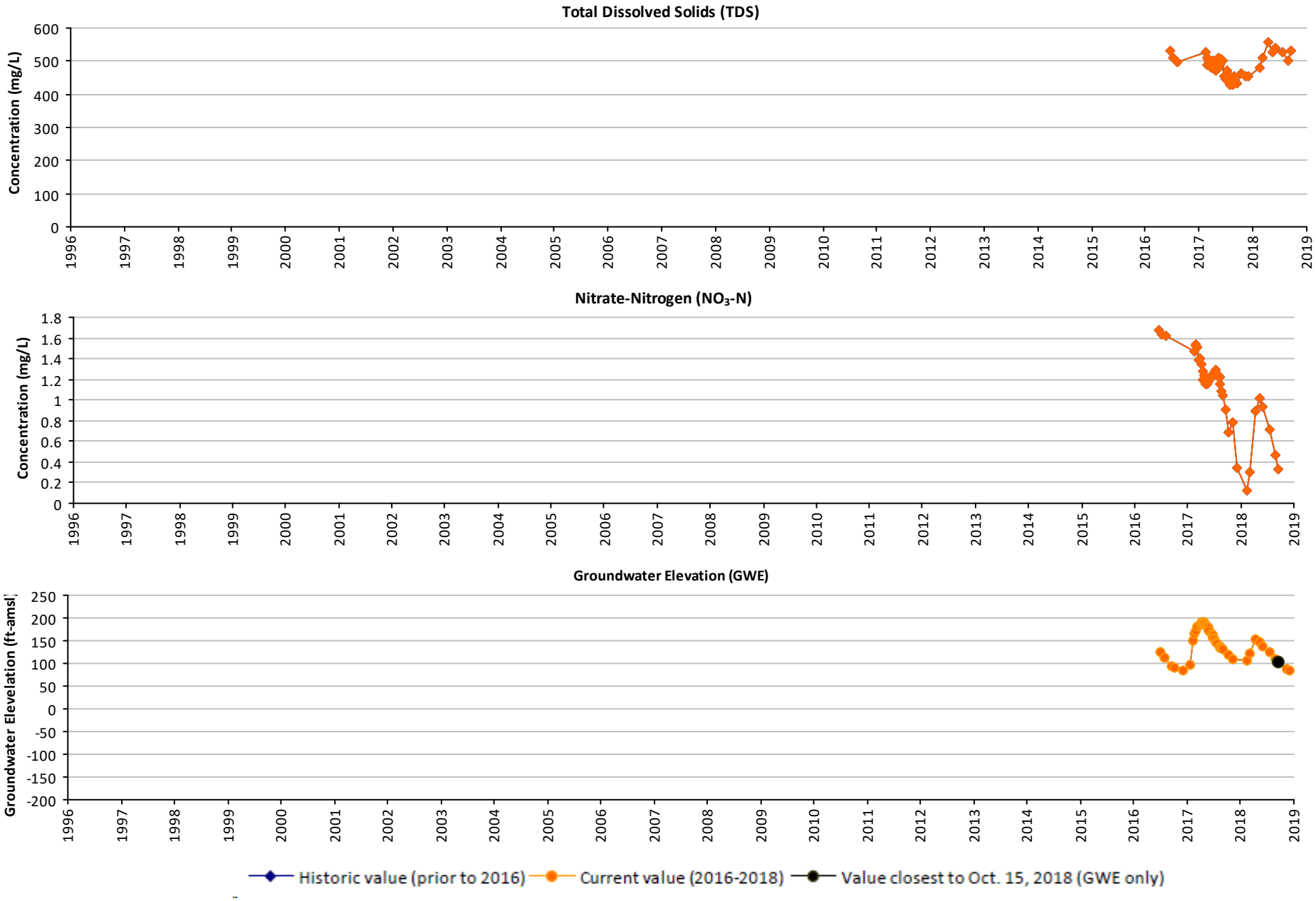

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
245
240
235
230
225
220
215
210
205
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

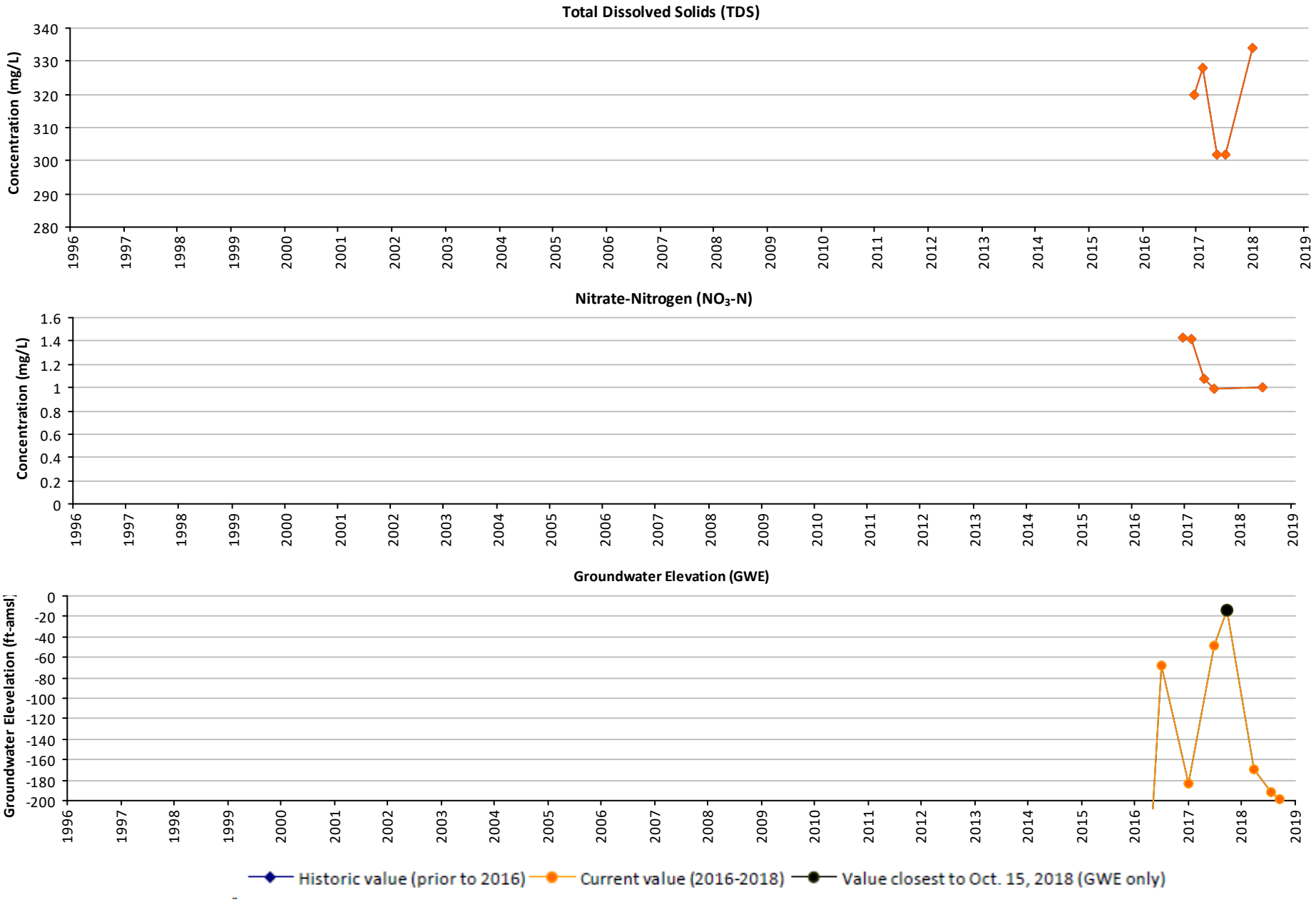

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

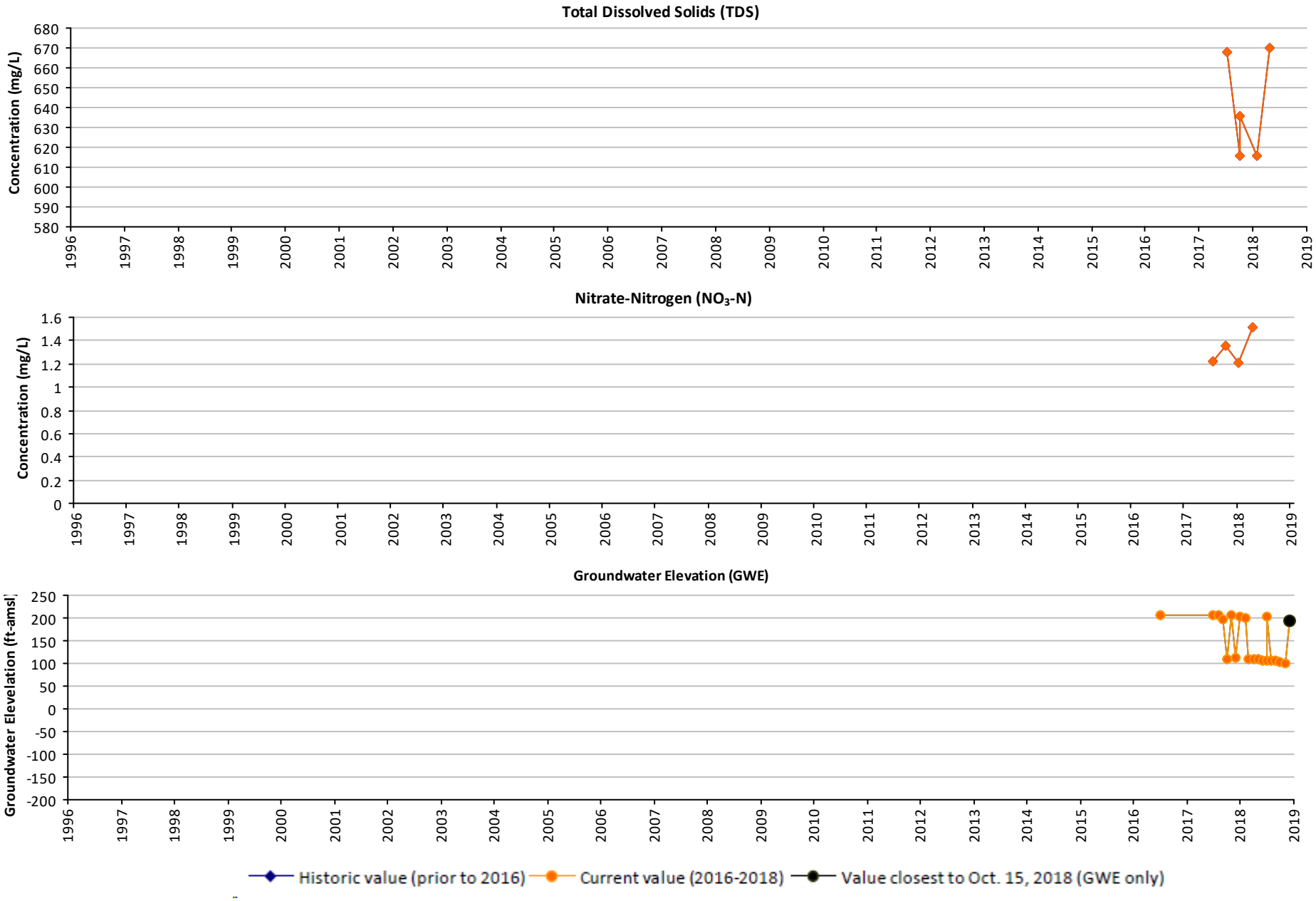

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

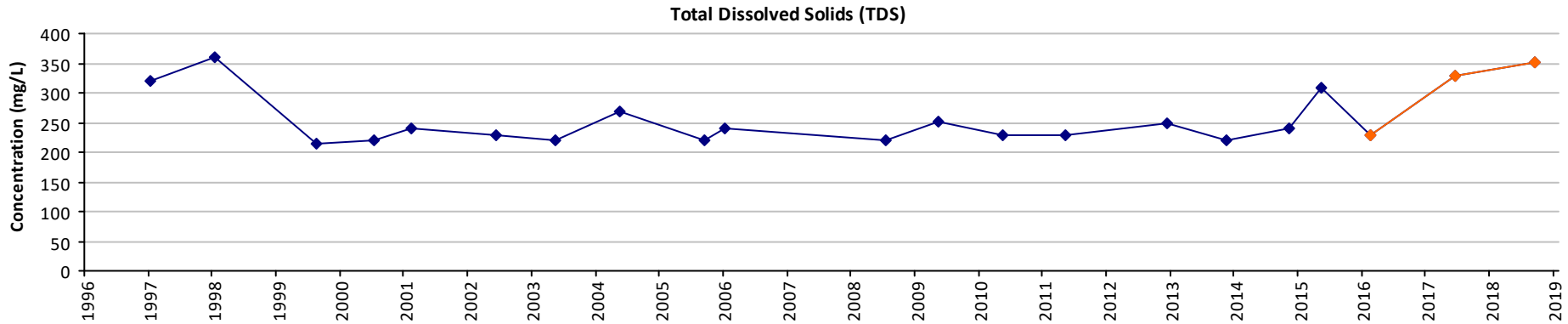

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
-200
-150
-100
-50
0
50
100
150
200
250
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

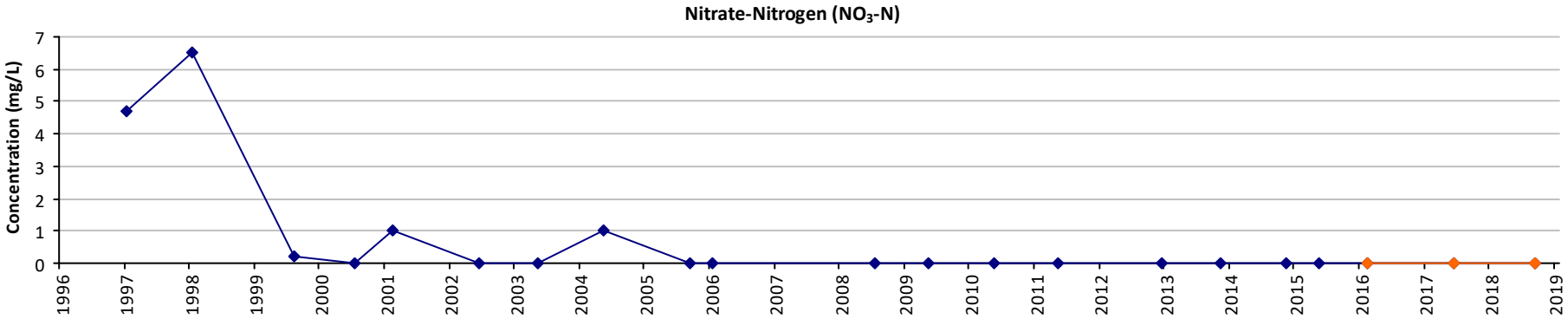

Total Dissolved Solids (TDS)
Concentration (mg/L)
340
330
320
310
300
290
280
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

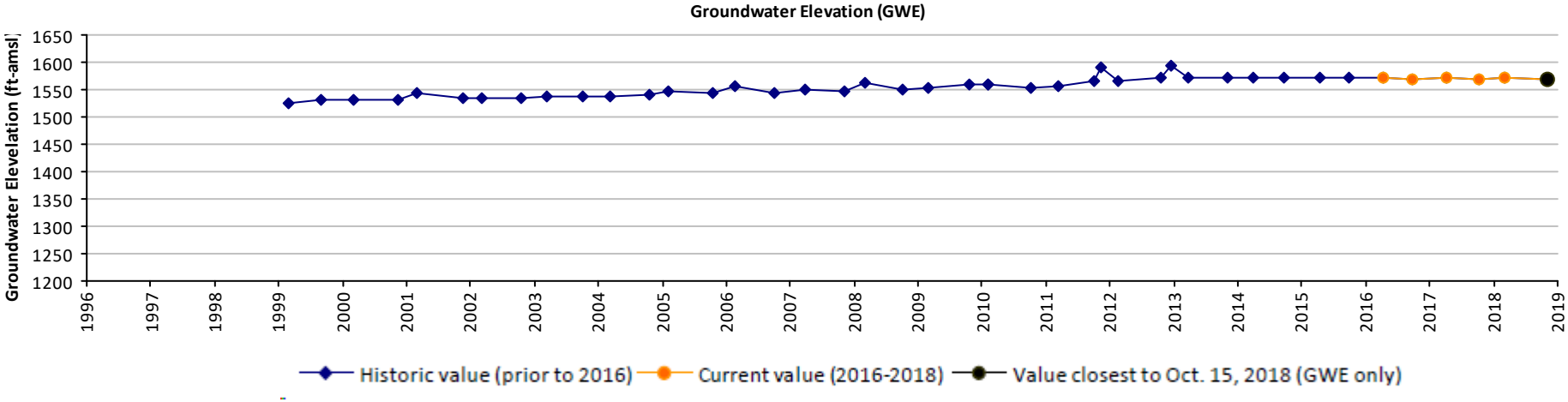

Total Dissolved Solids (TDS)
Concentration (mg/L)
680
670
660
650
640
630
620
610
600
590
580
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
250
200
150
100
50
0
-50
-100
-150
-200
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

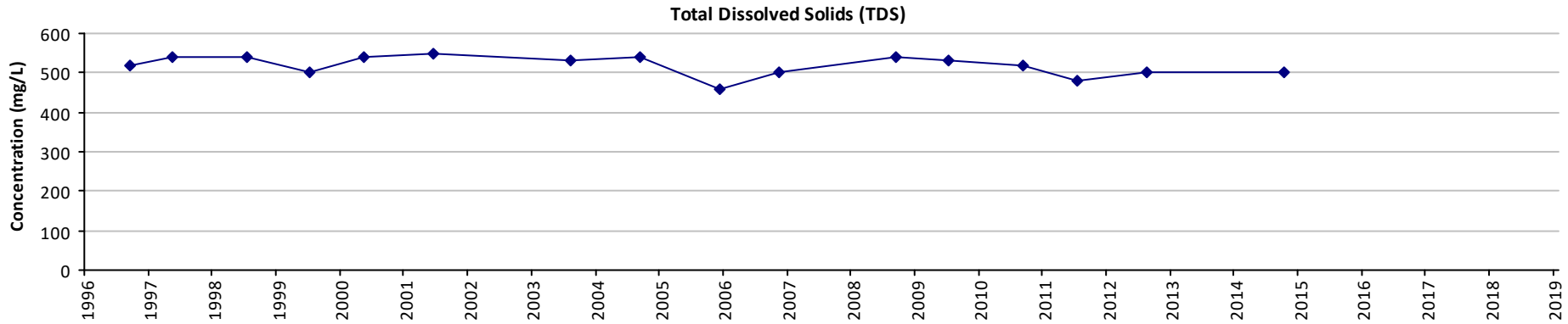
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

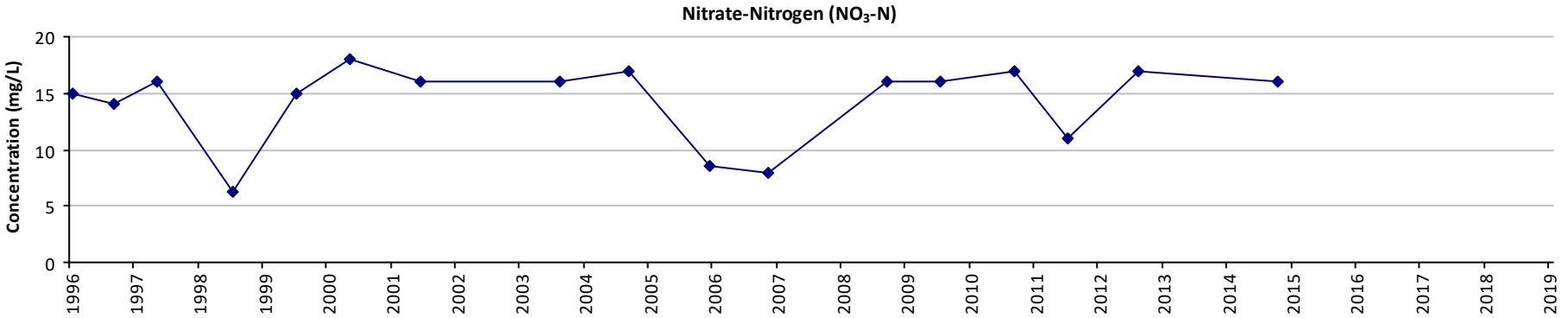
Well ID: 1210490
Management Zone: Perris-North

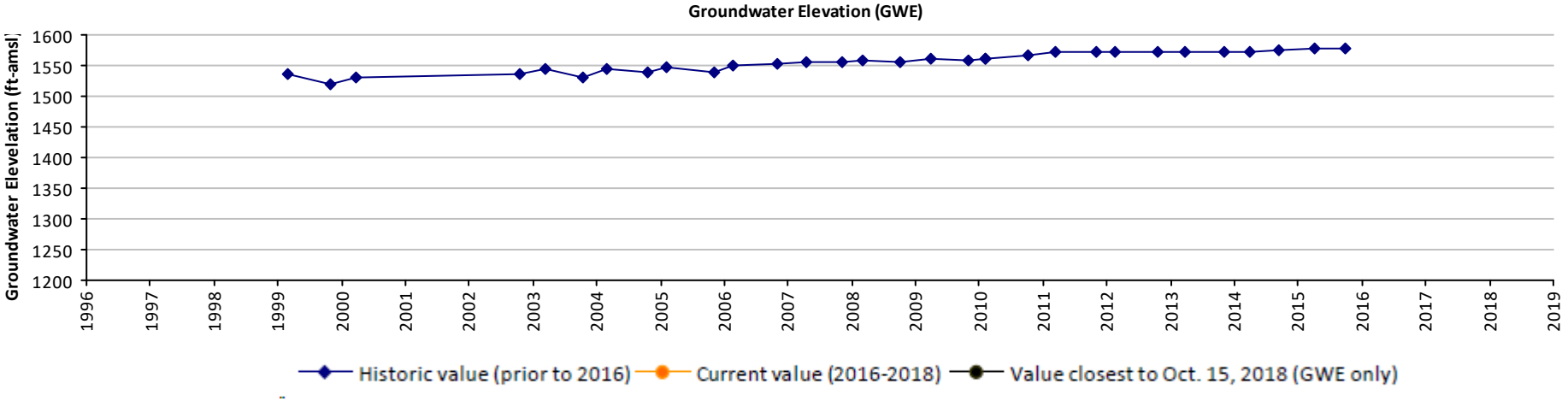


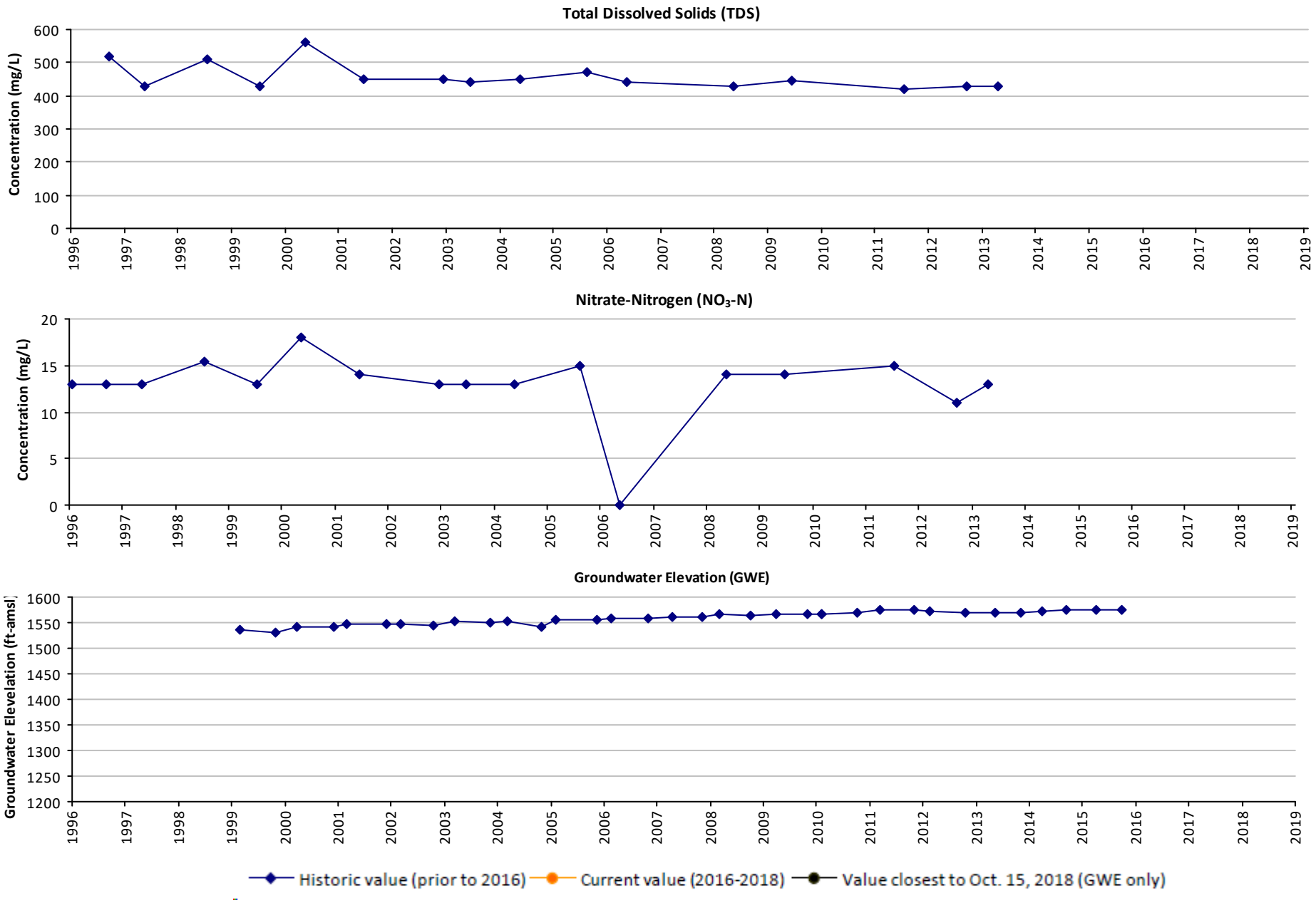


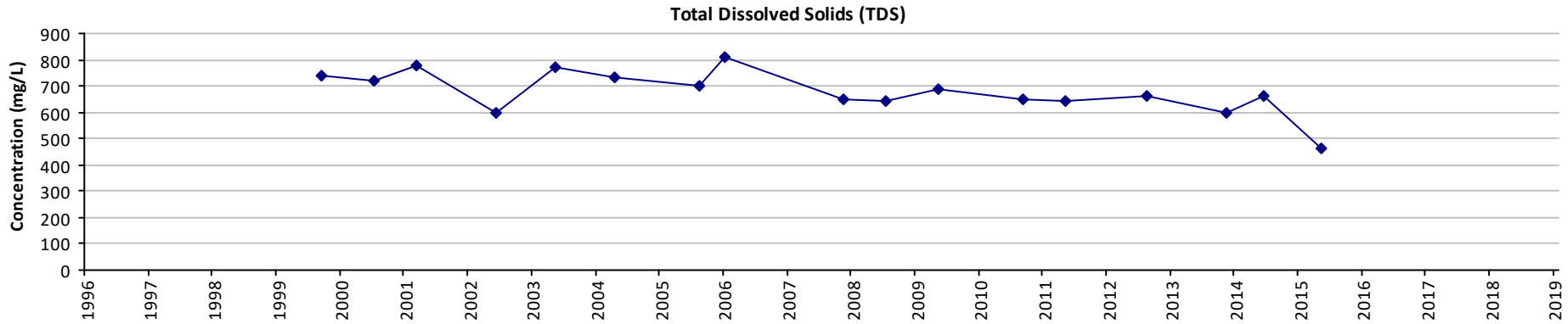


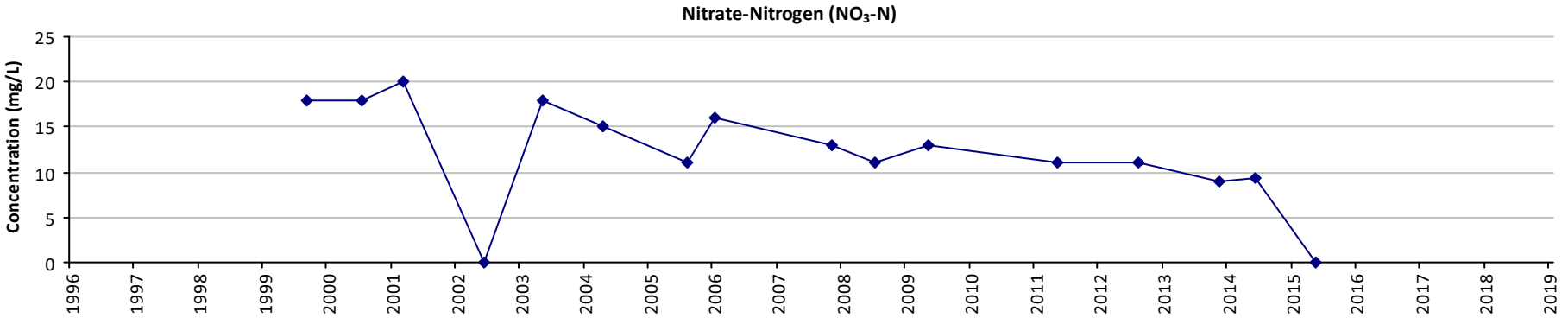

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

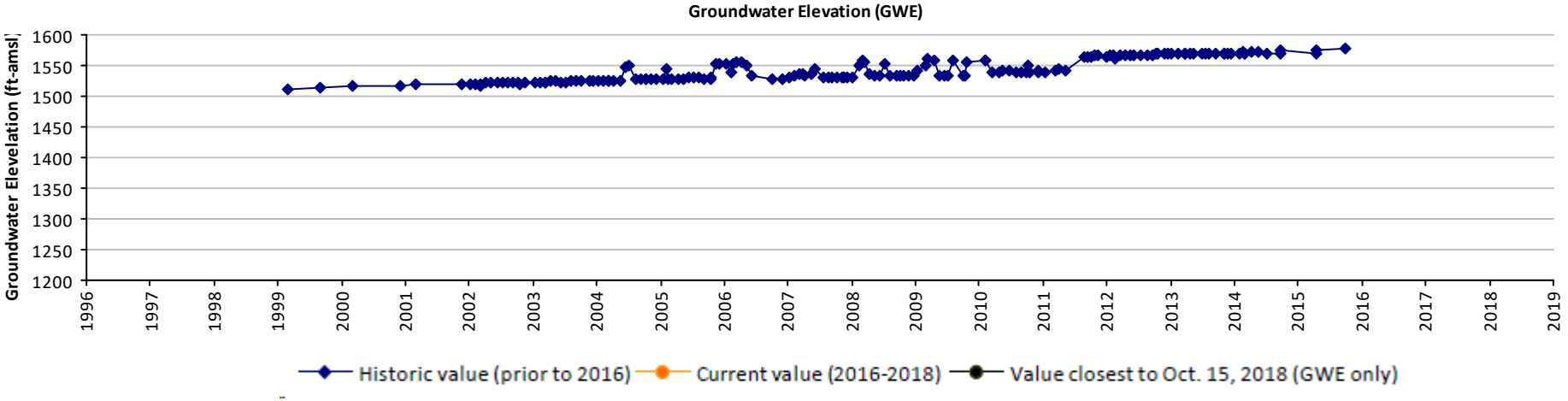

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

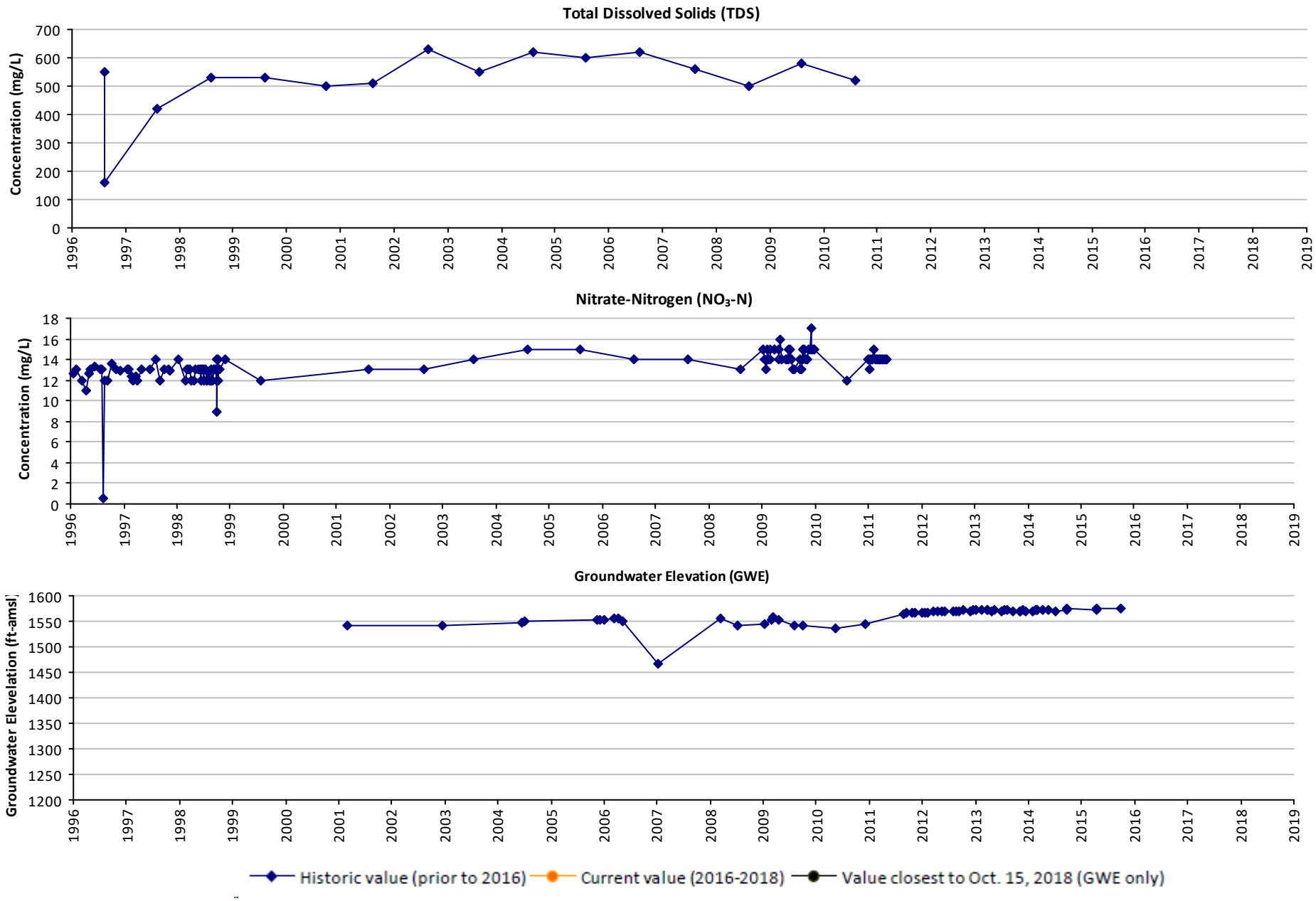

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

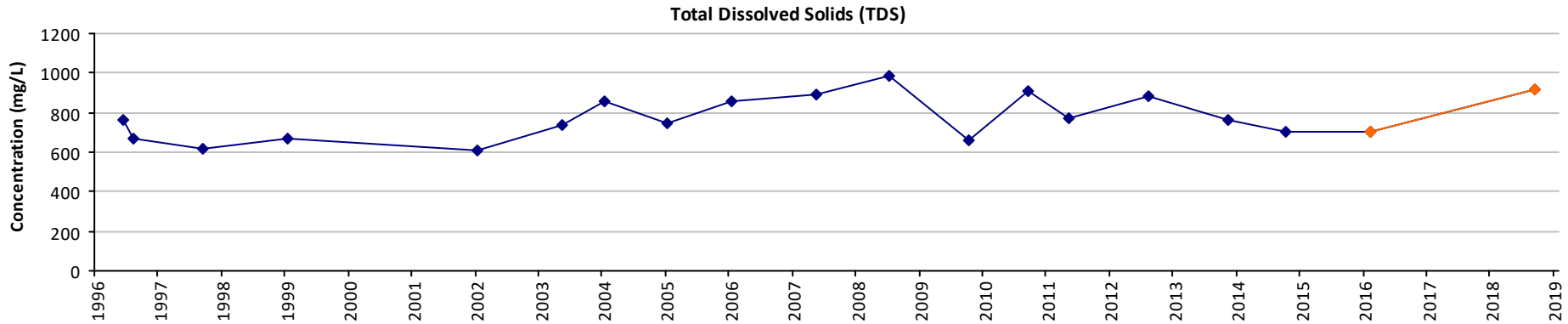

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

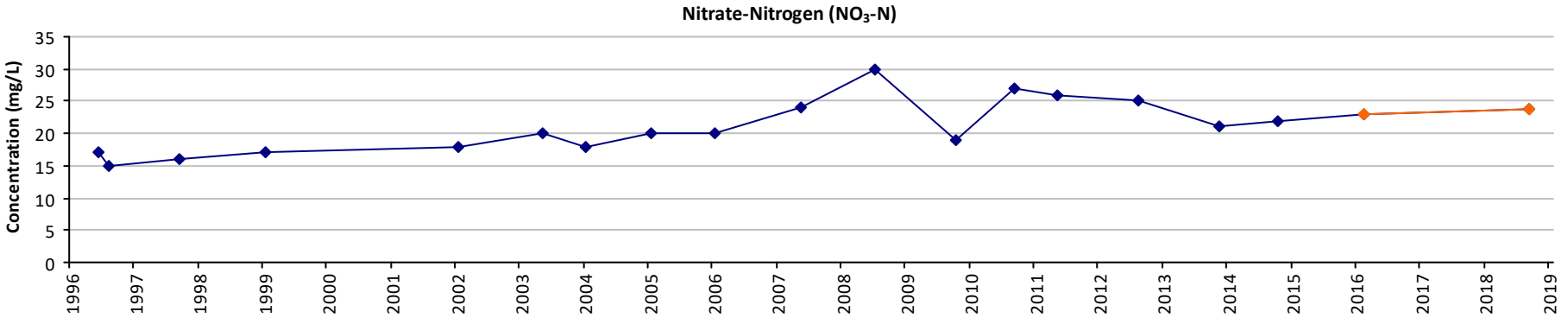

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

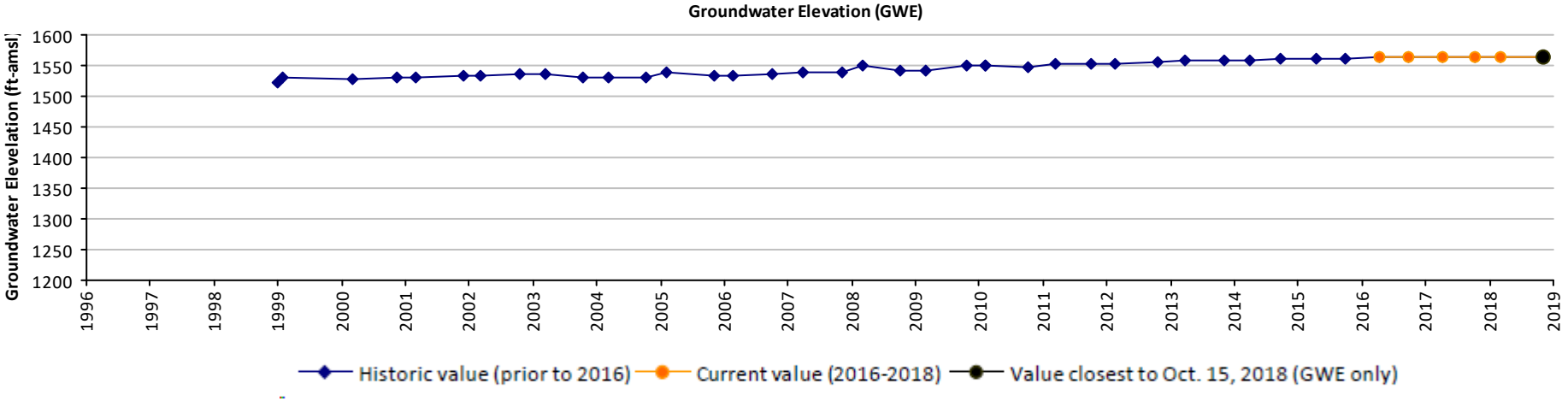

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

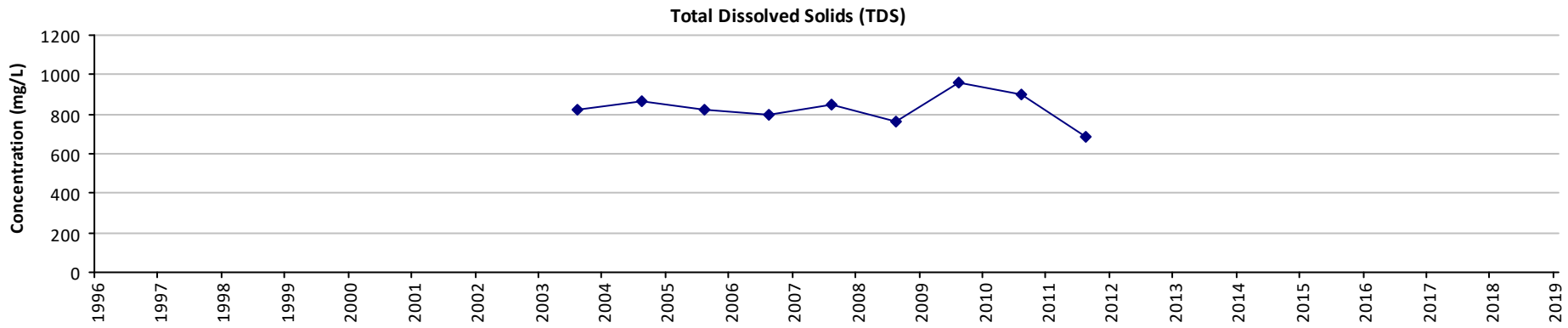

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

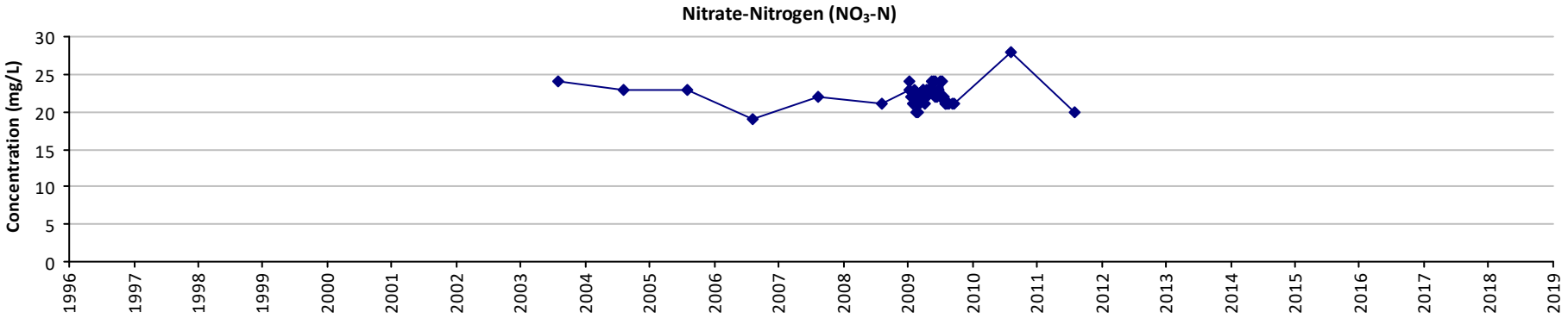

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

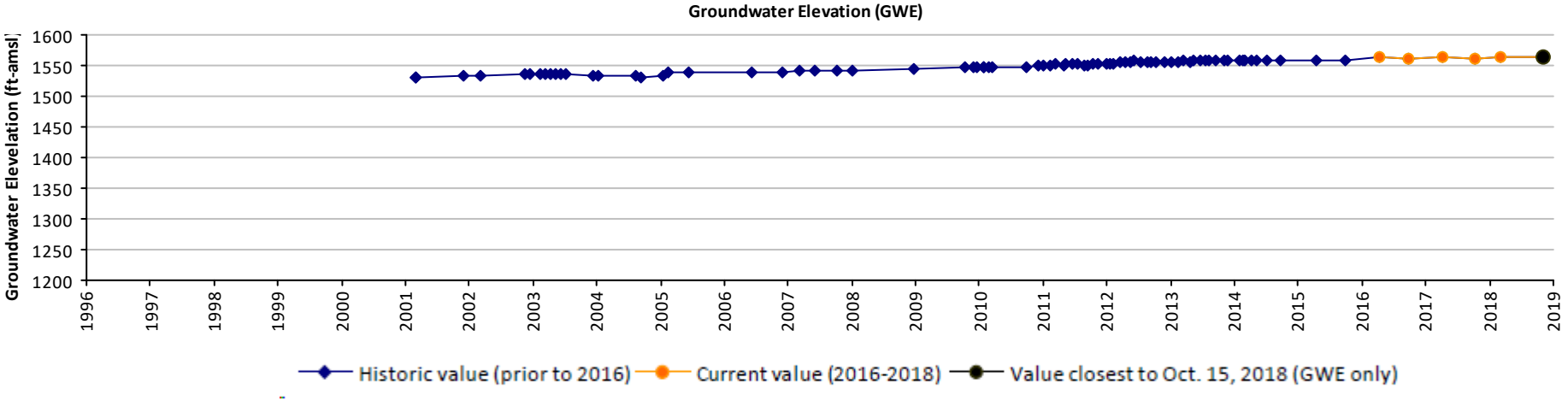

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

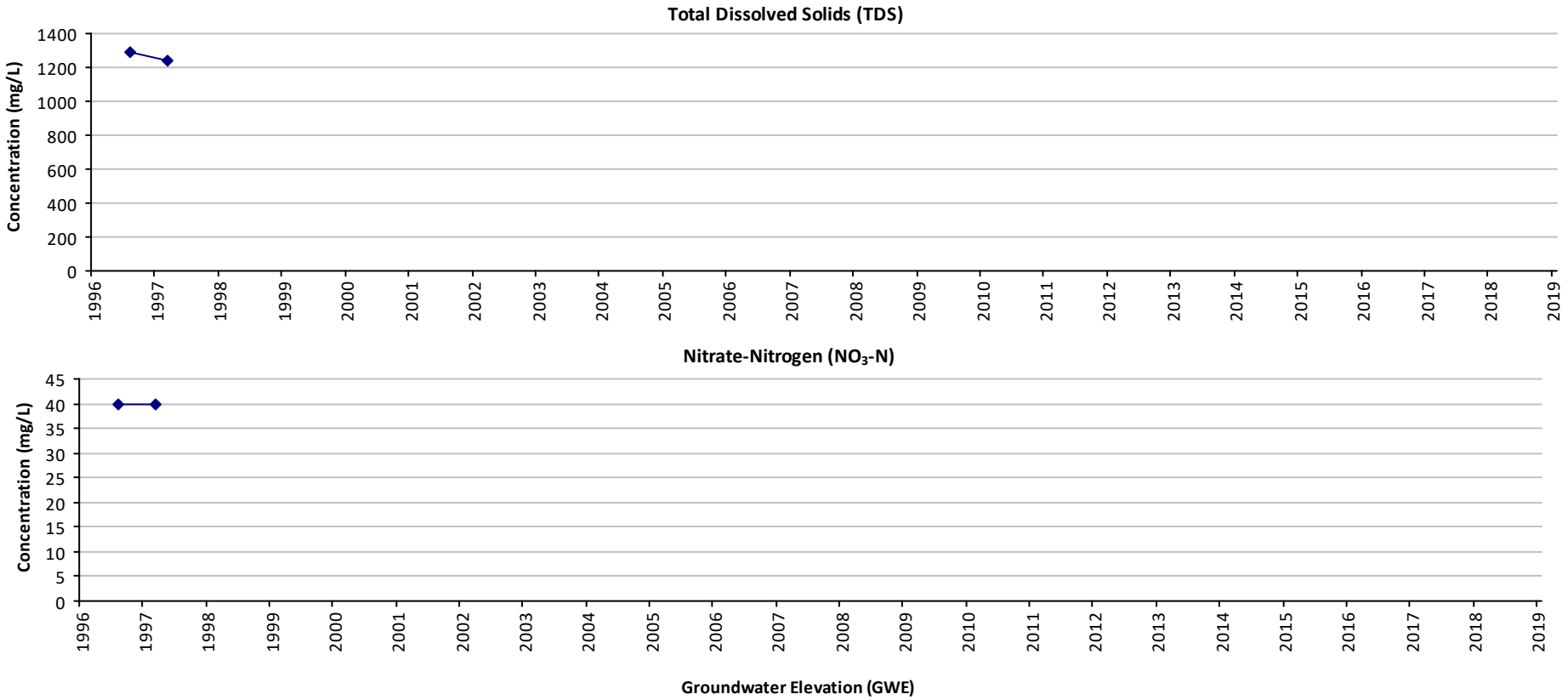

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

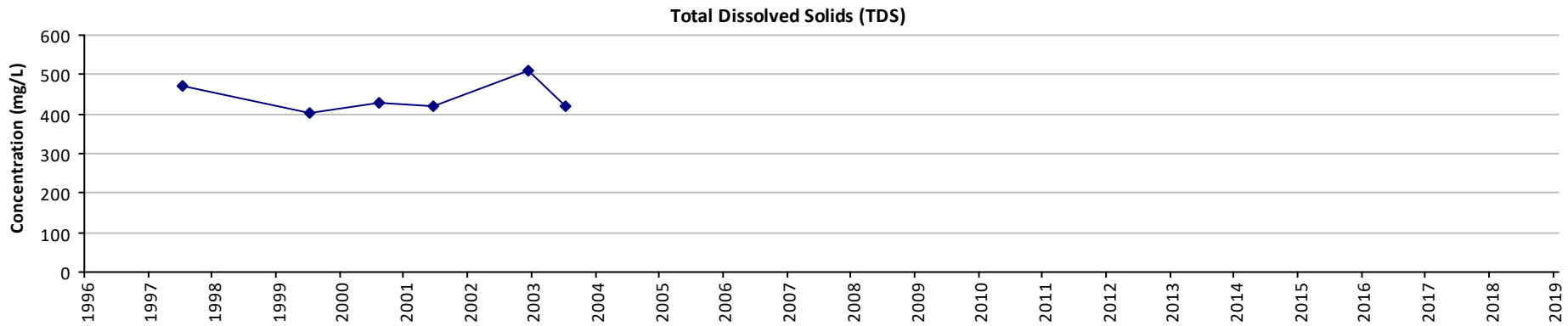

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
45
40
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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2016
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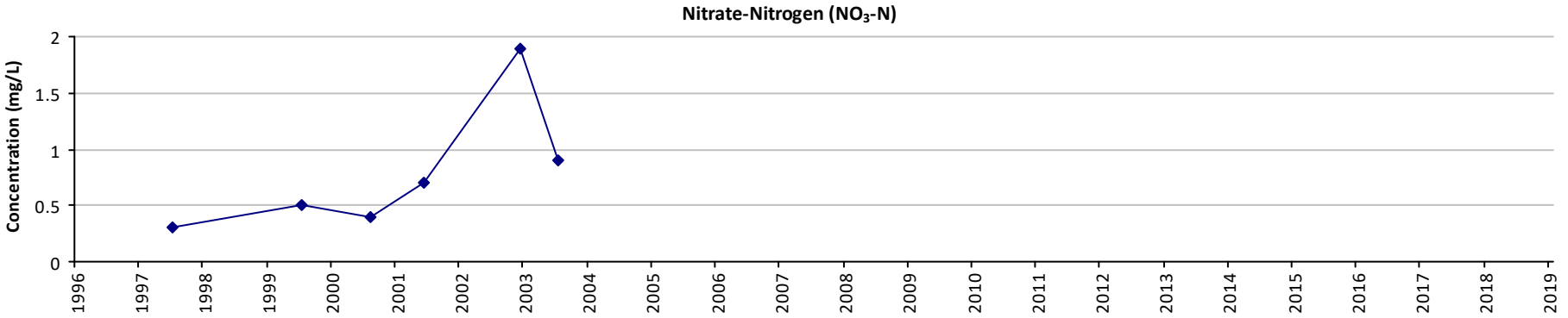
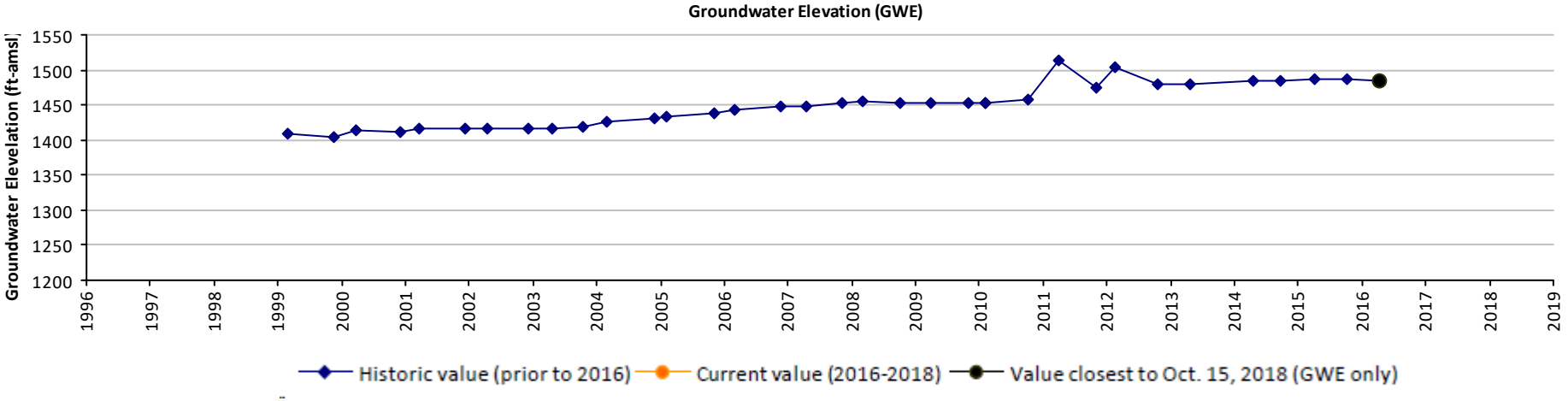
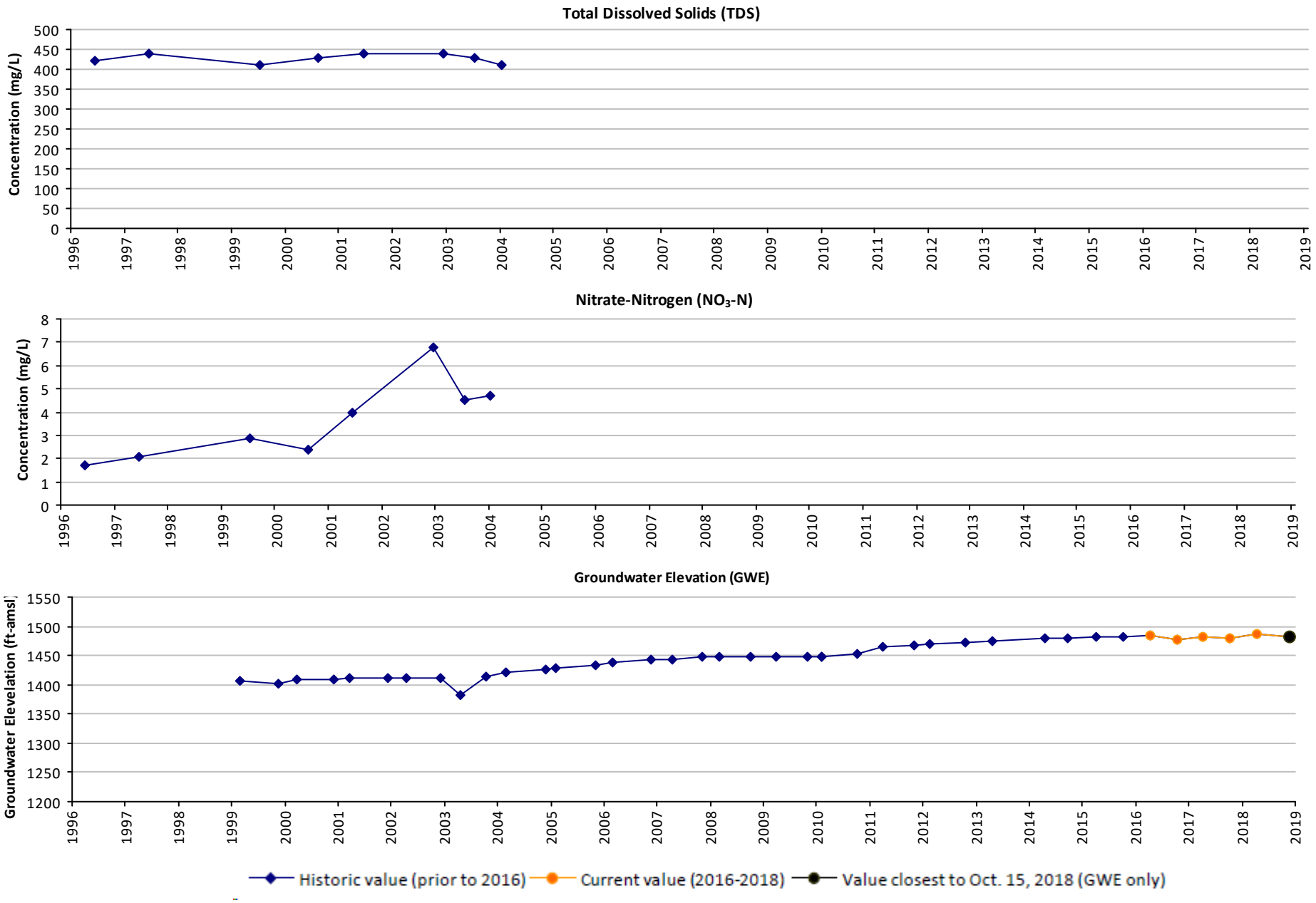
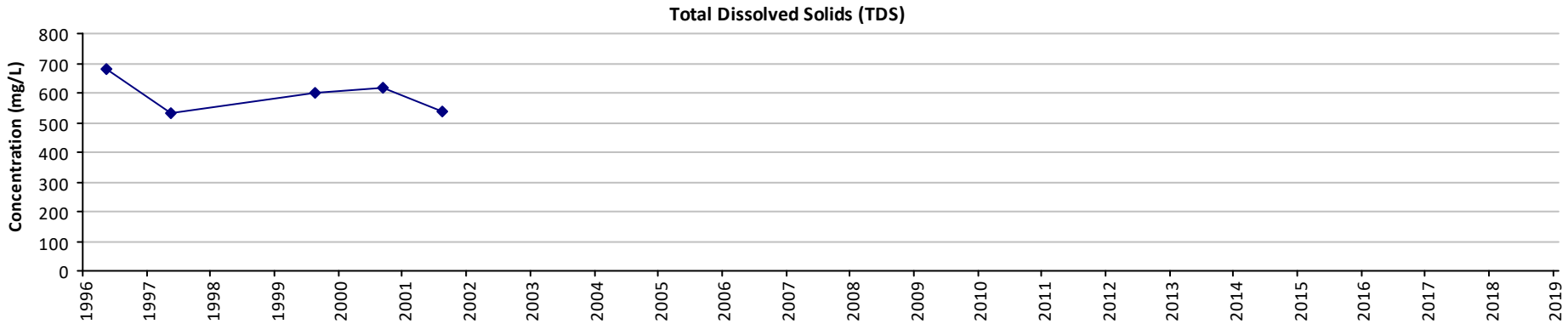
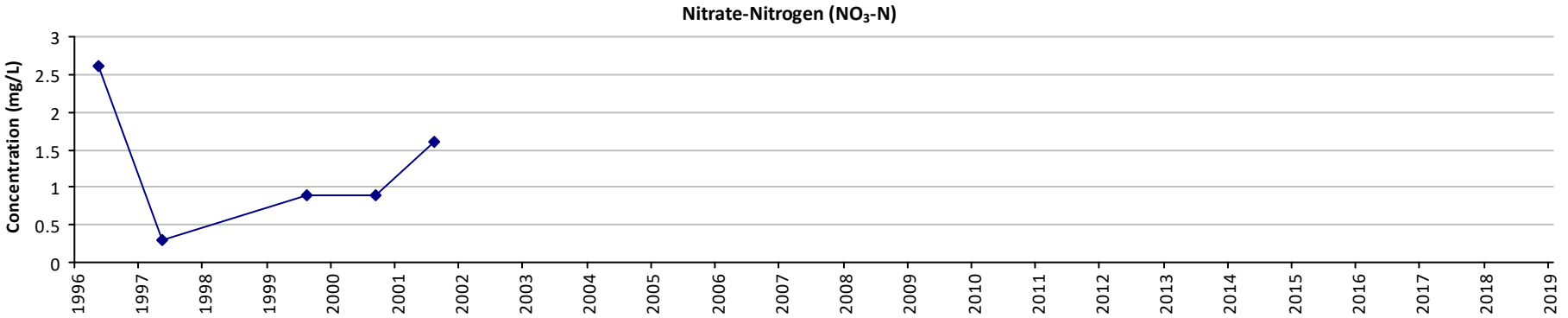
2018
2019

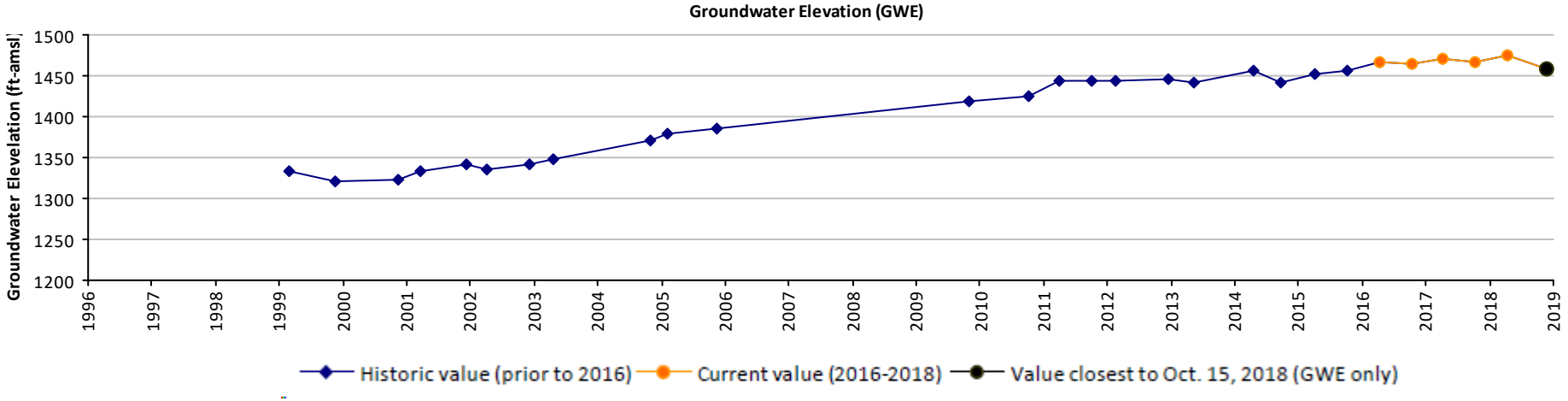

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

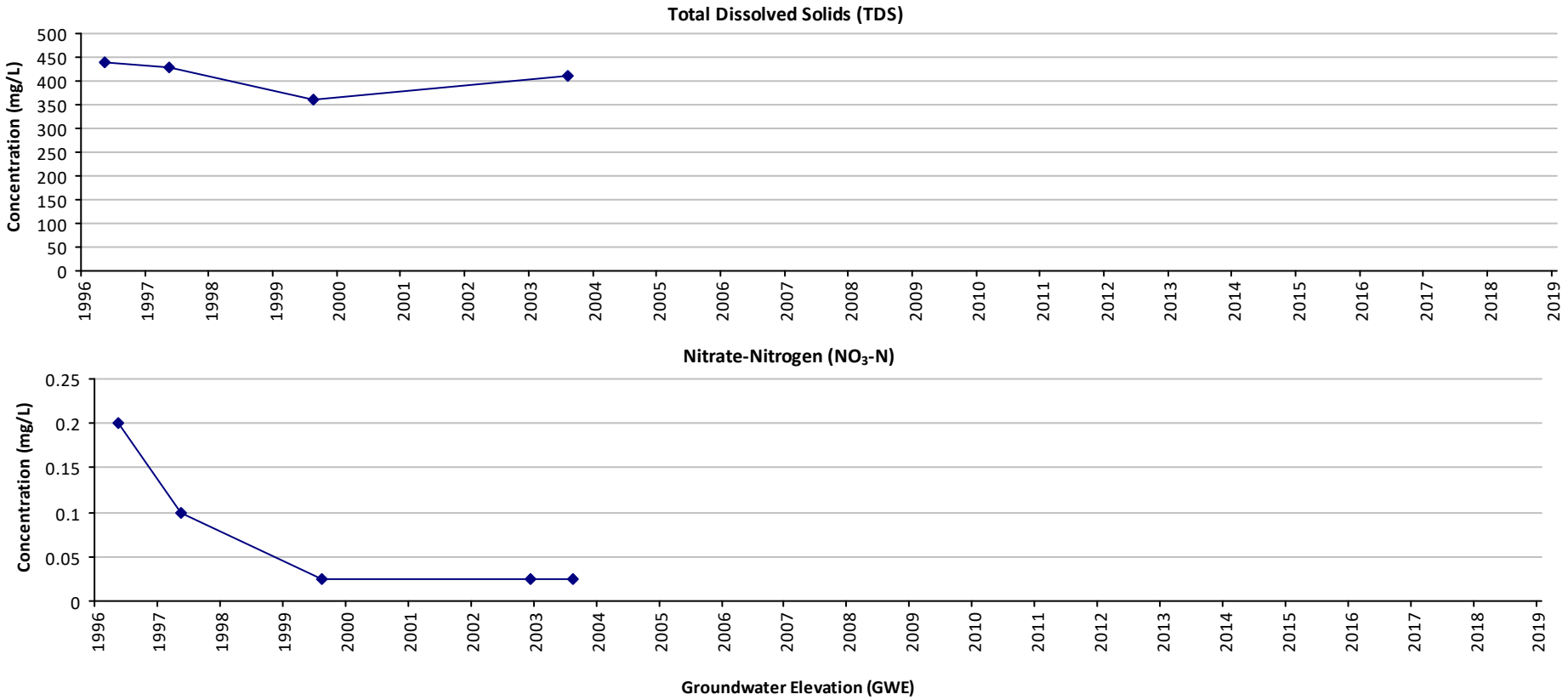

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

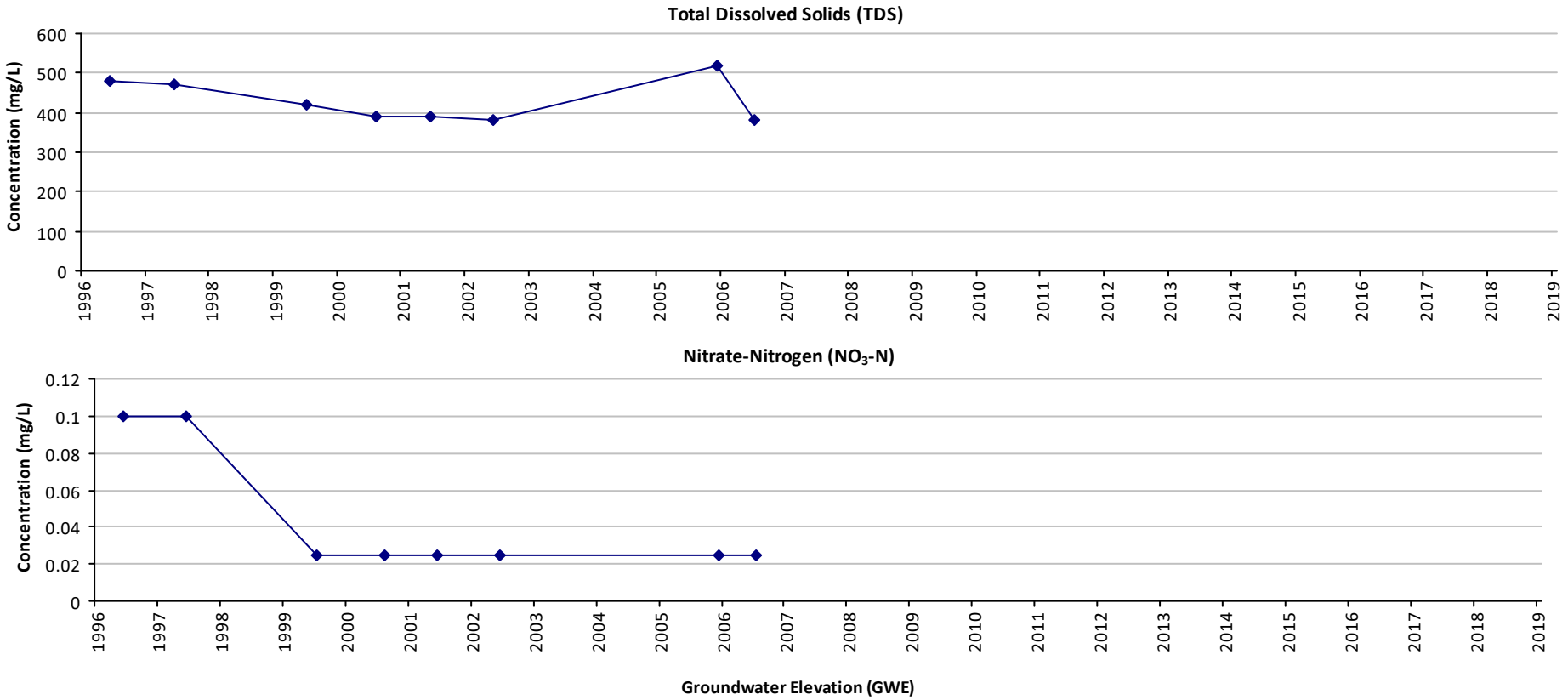

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

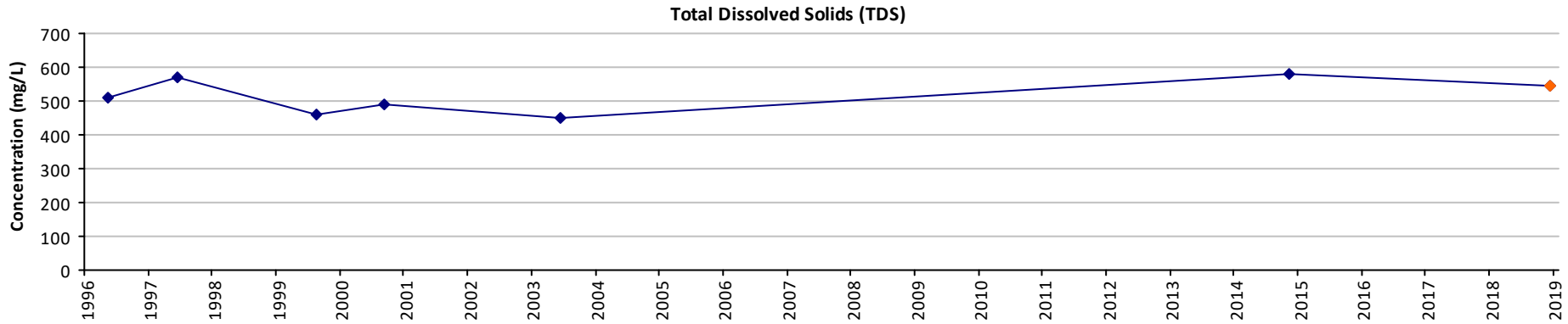

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

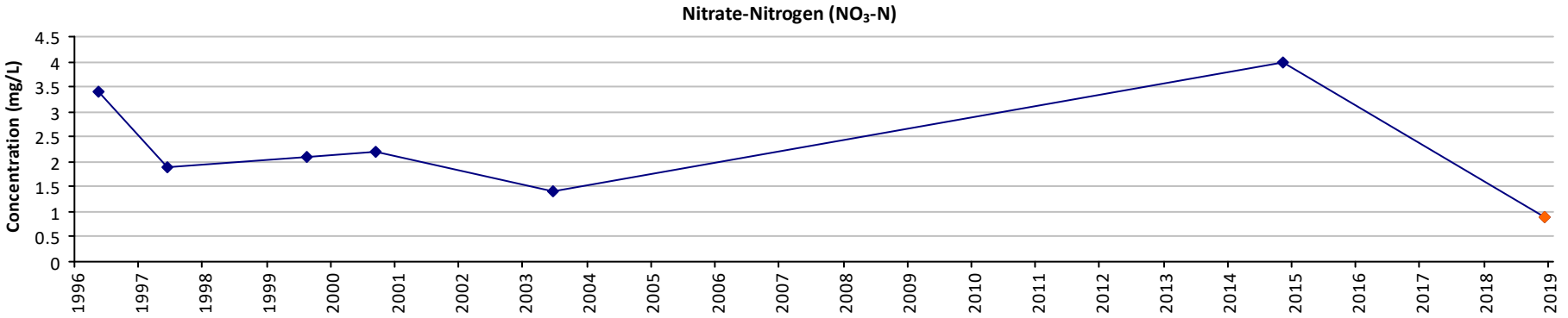

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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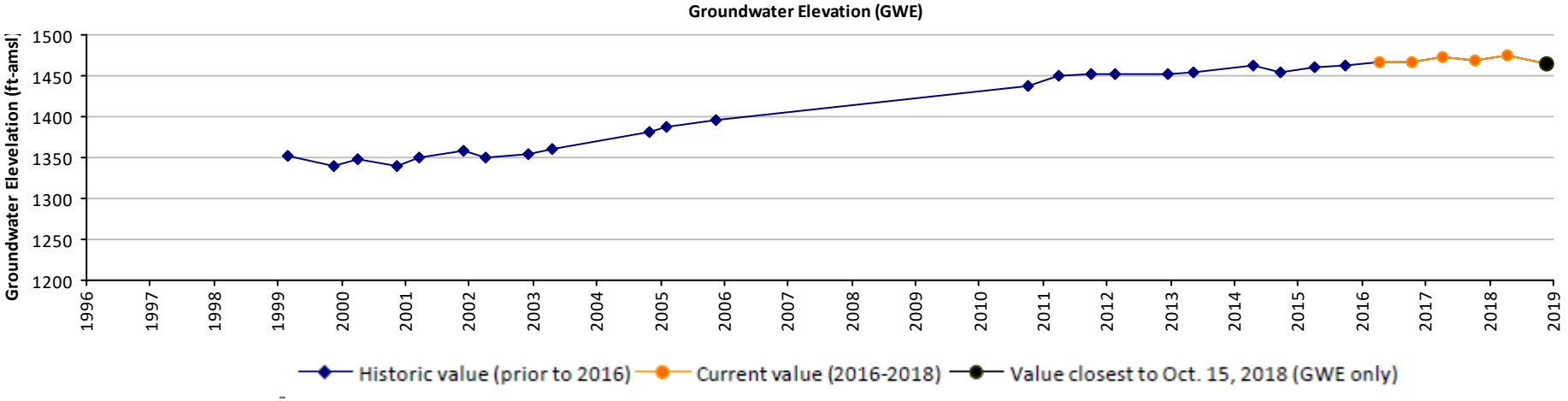
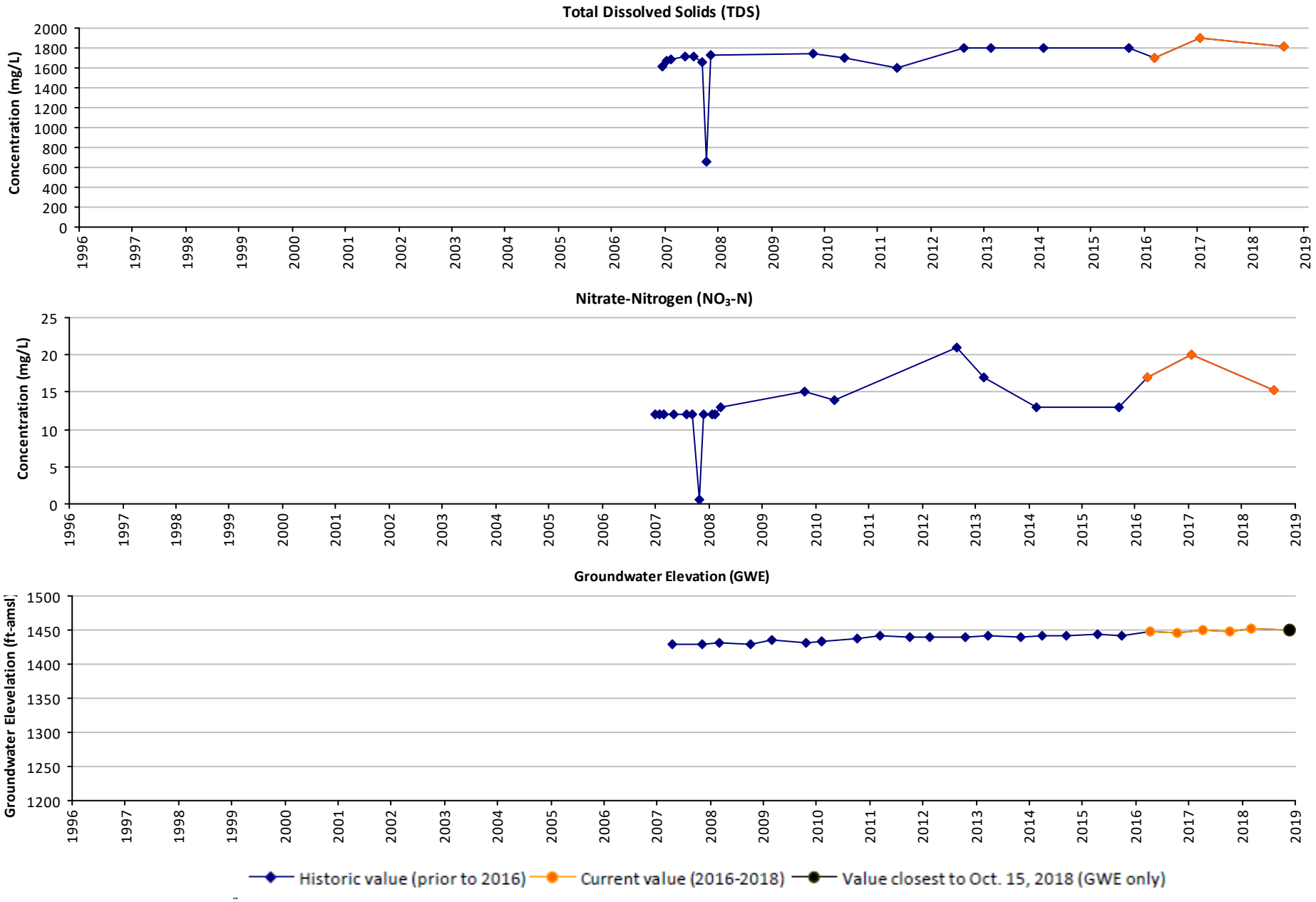
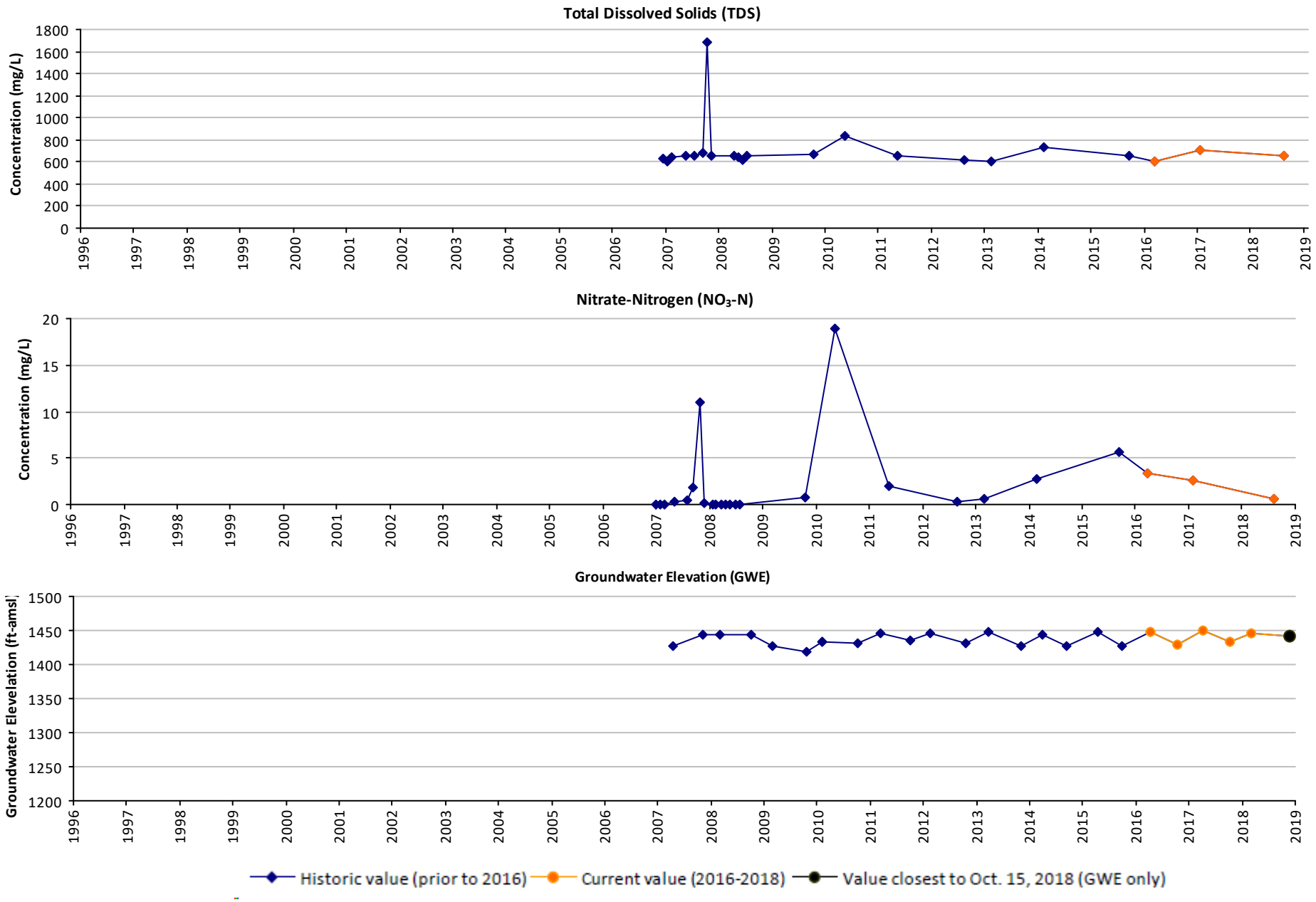
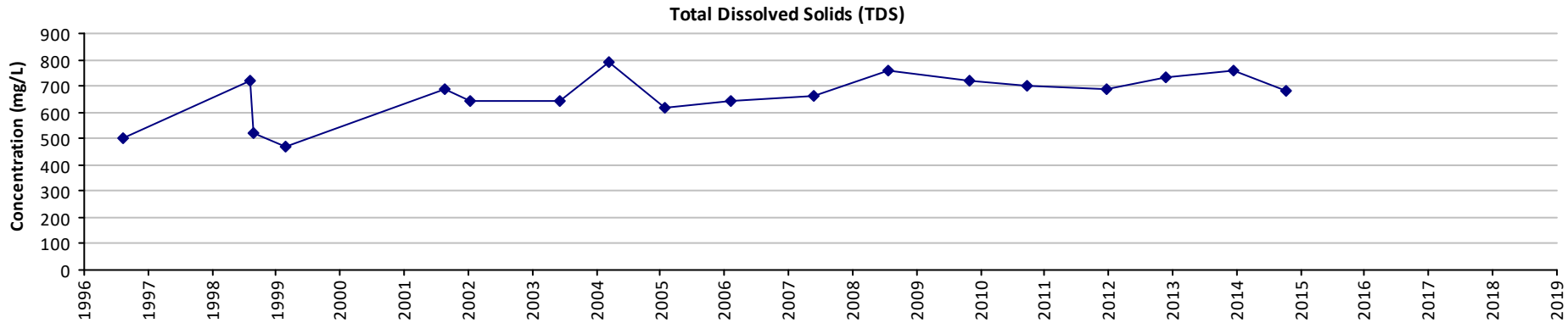
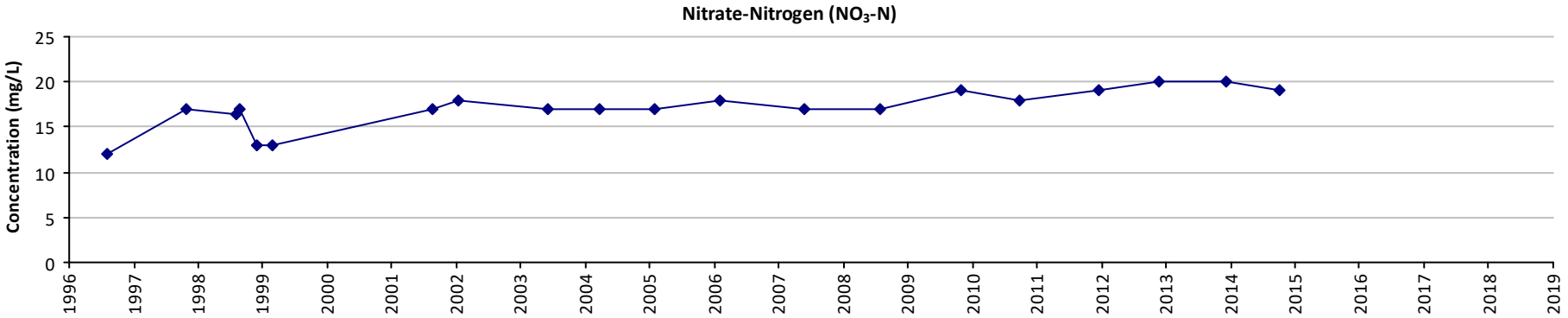
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

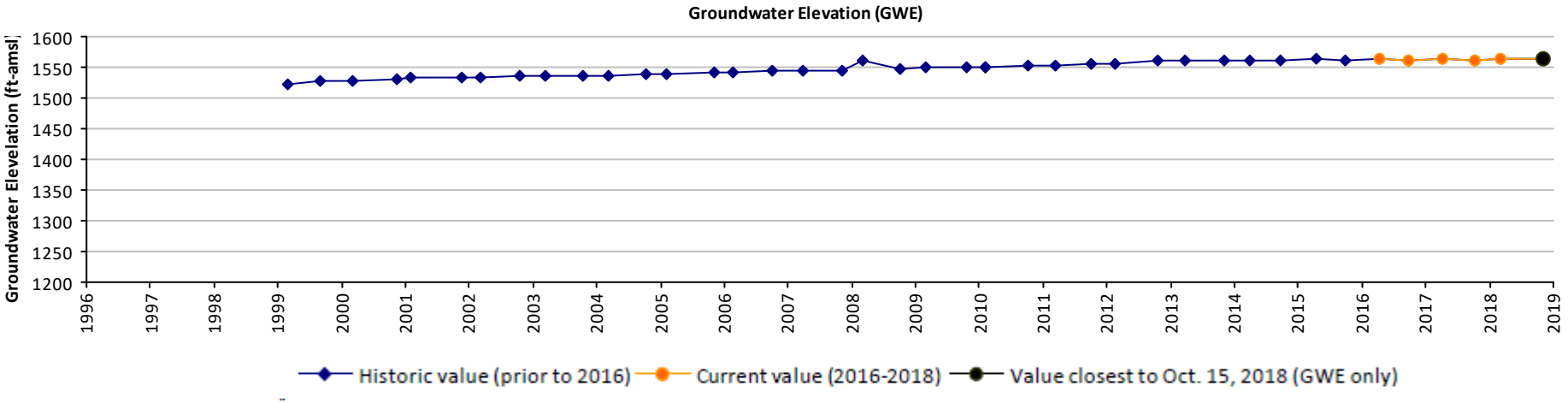

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

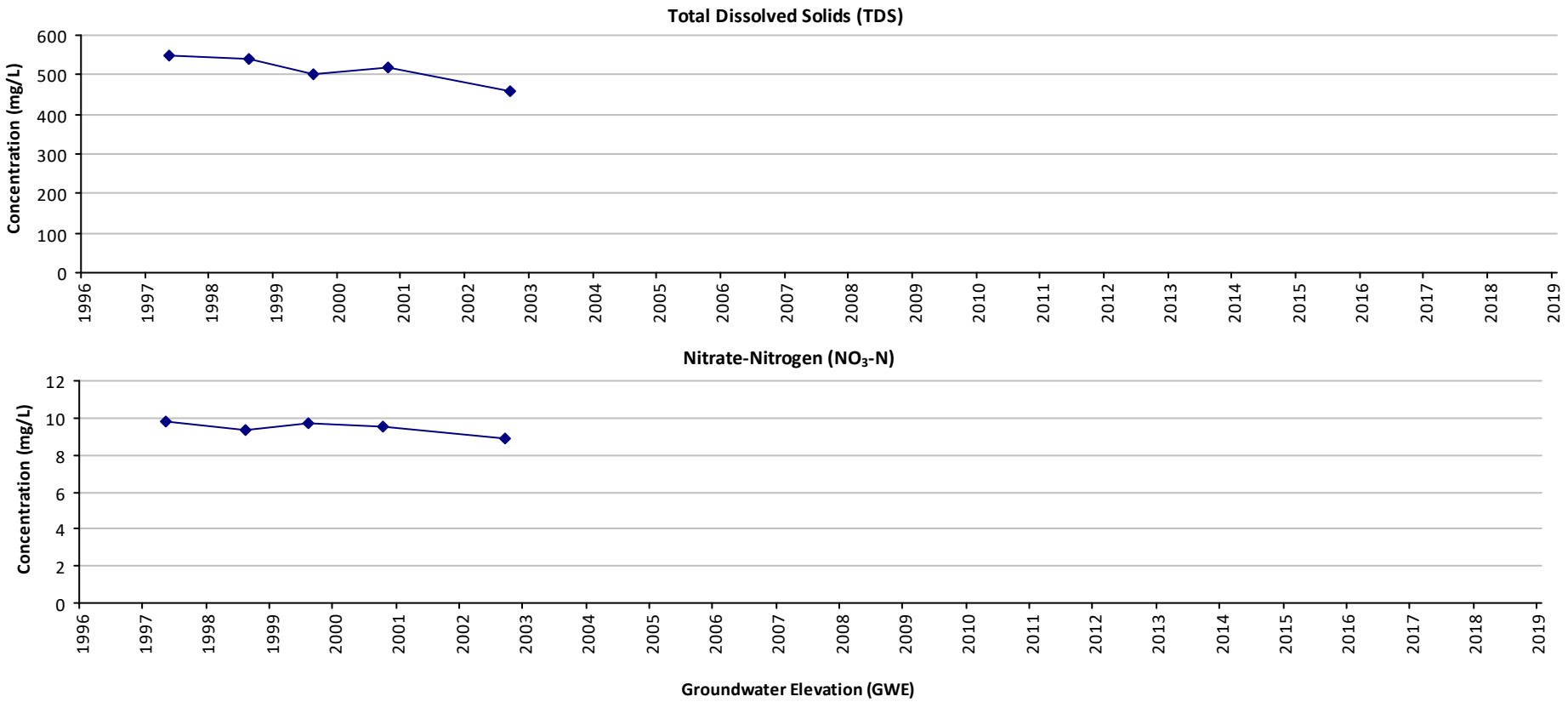

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

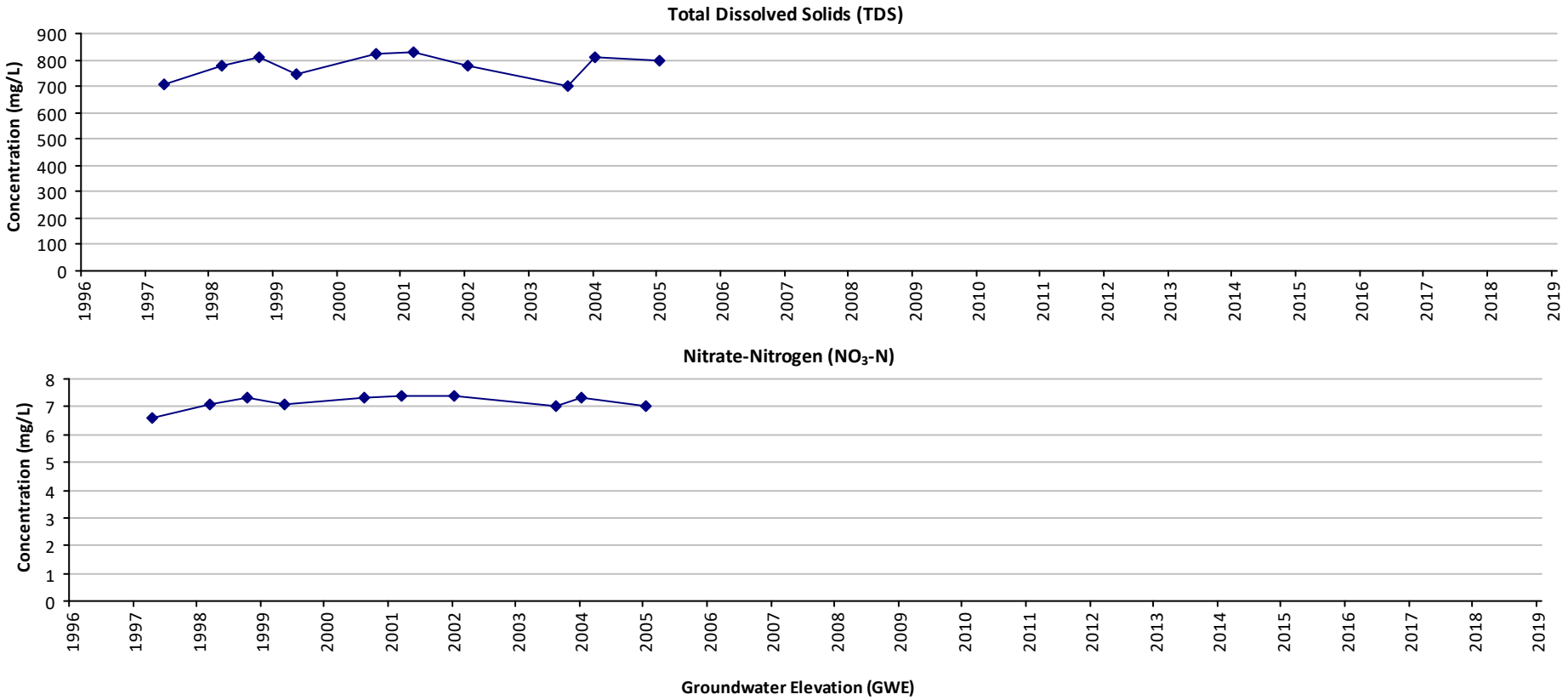

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

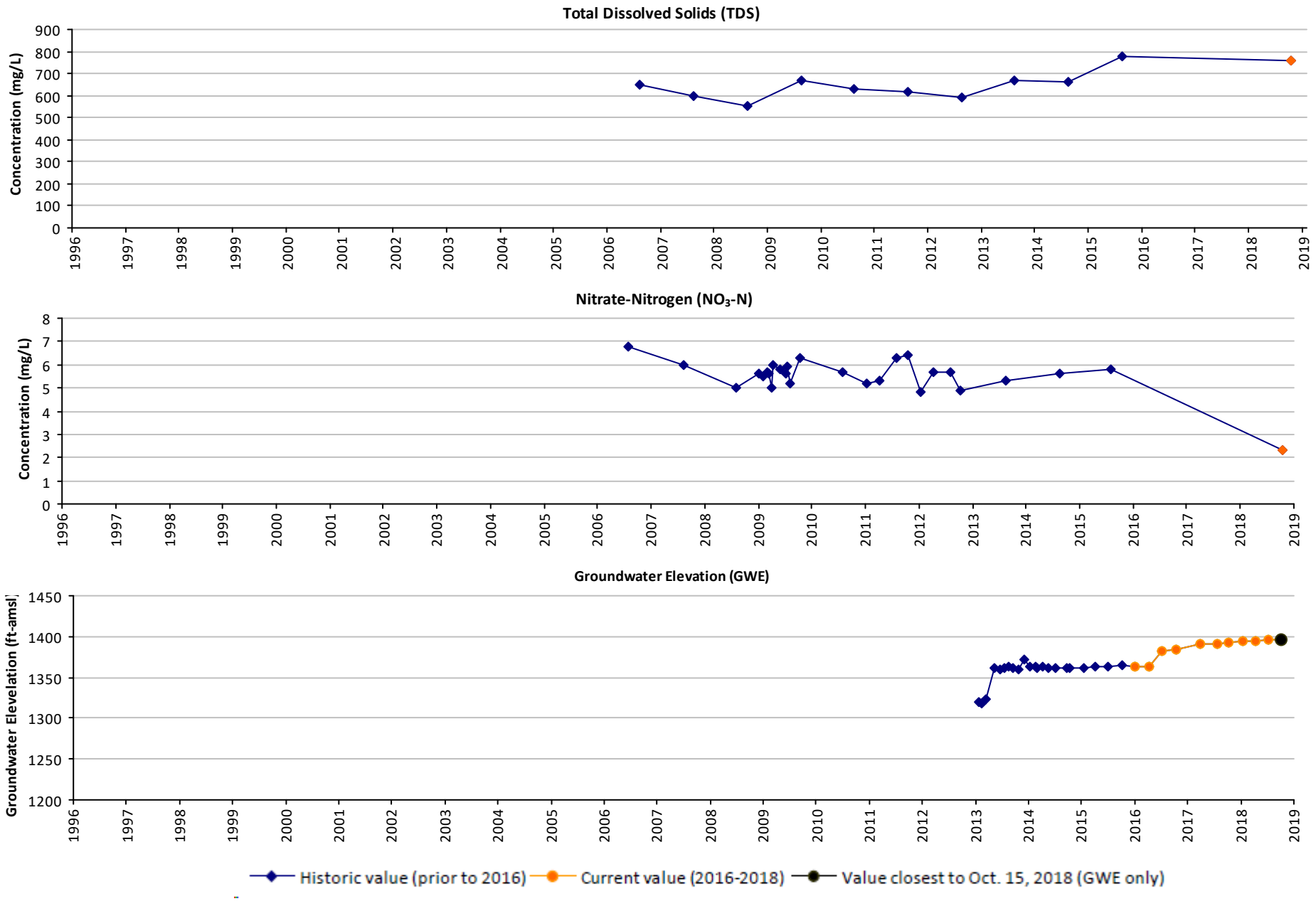

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

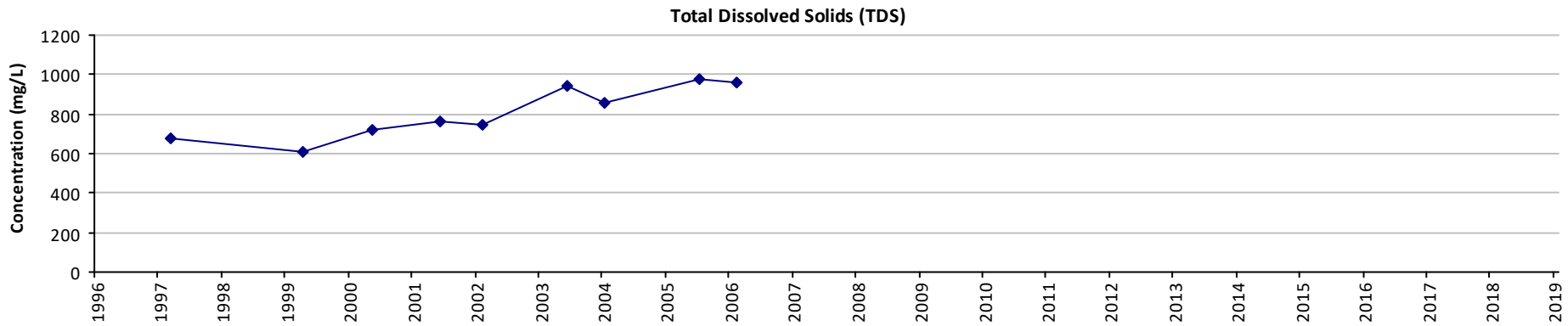

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

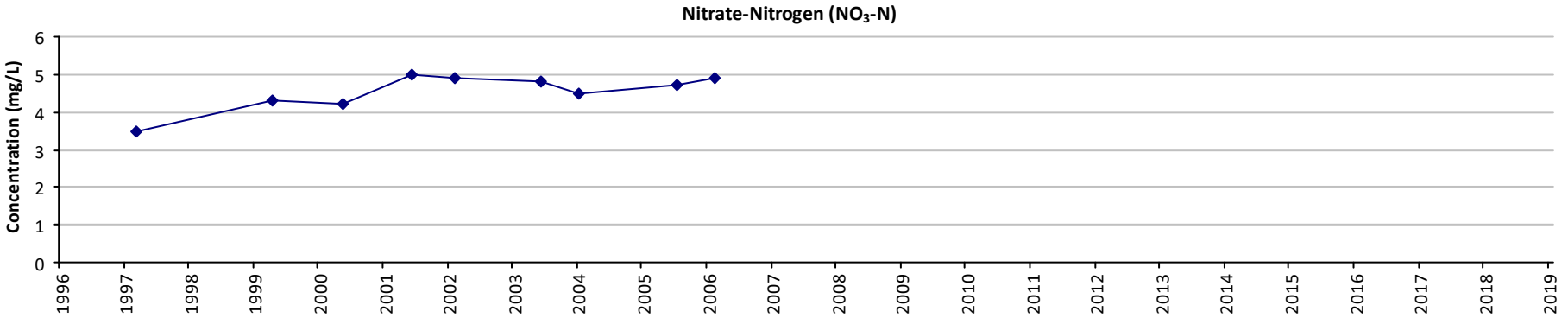

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
1550
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

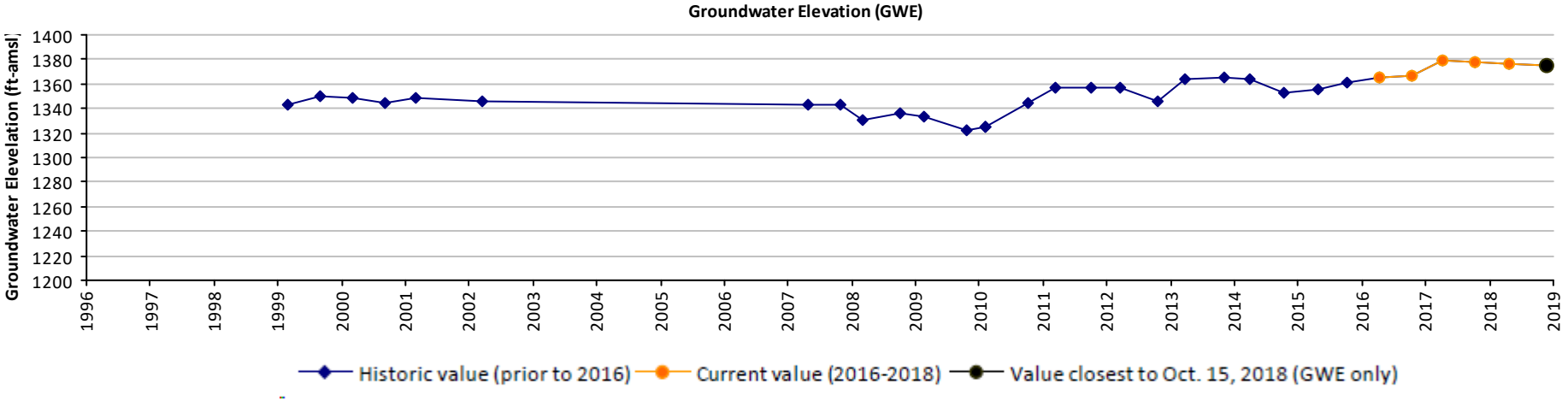

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

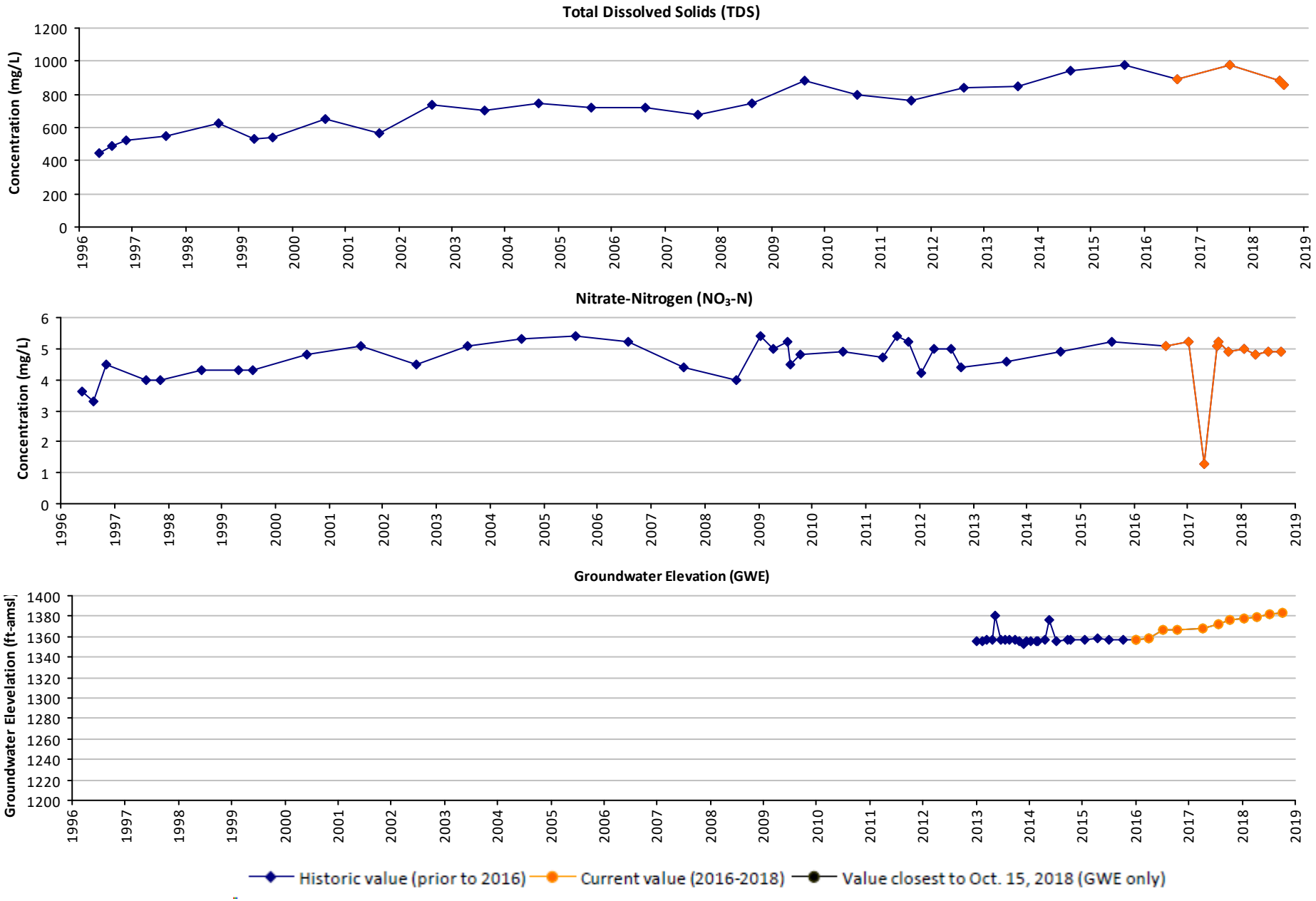

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

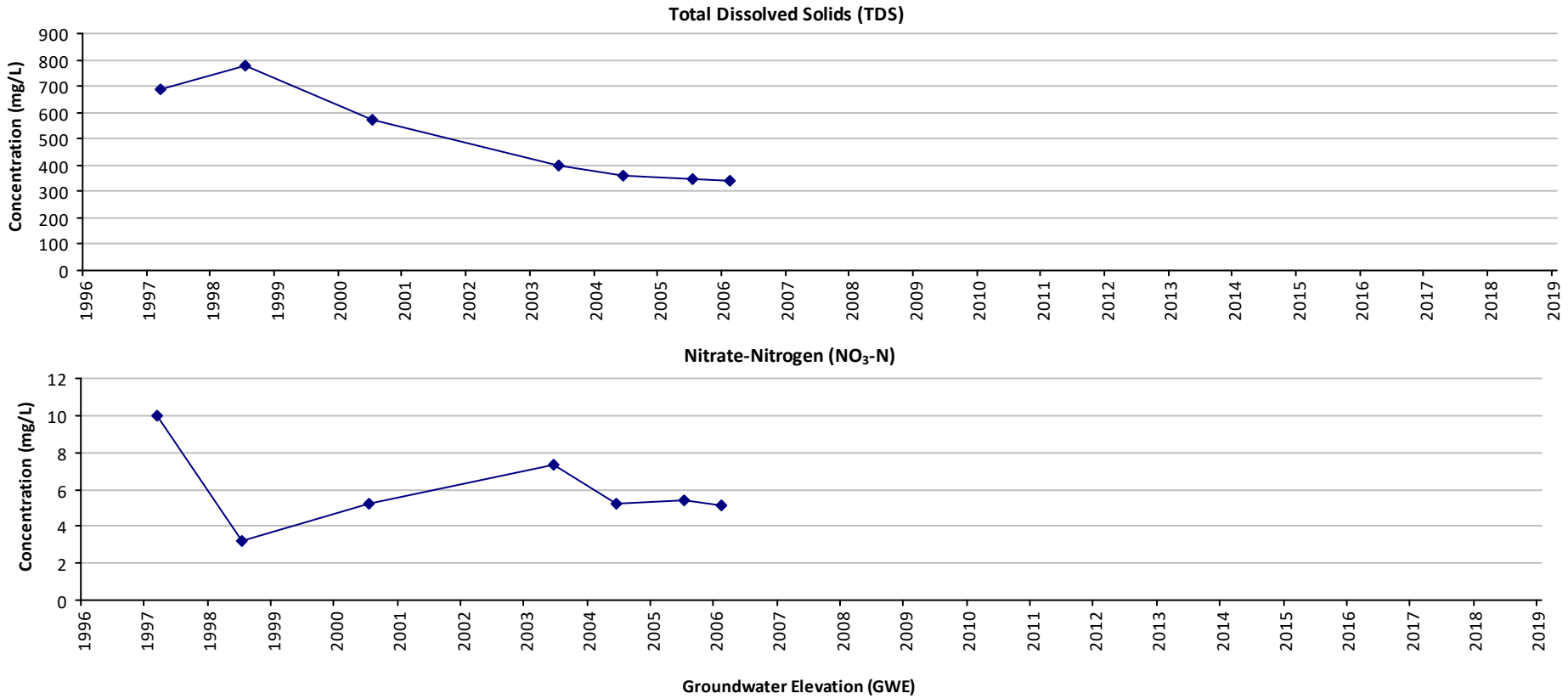

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

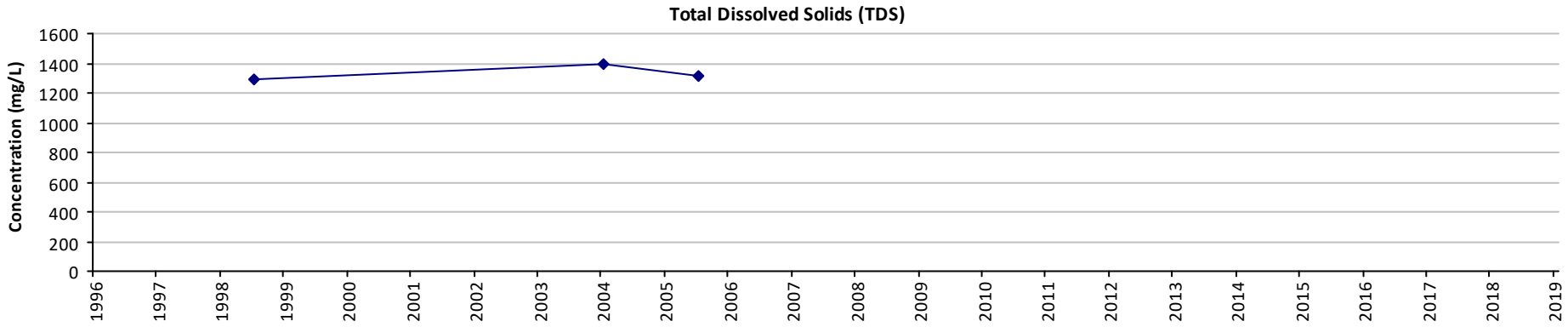

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1220
1240
1260
1280
1300
1320
1340
1360
1380
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2008
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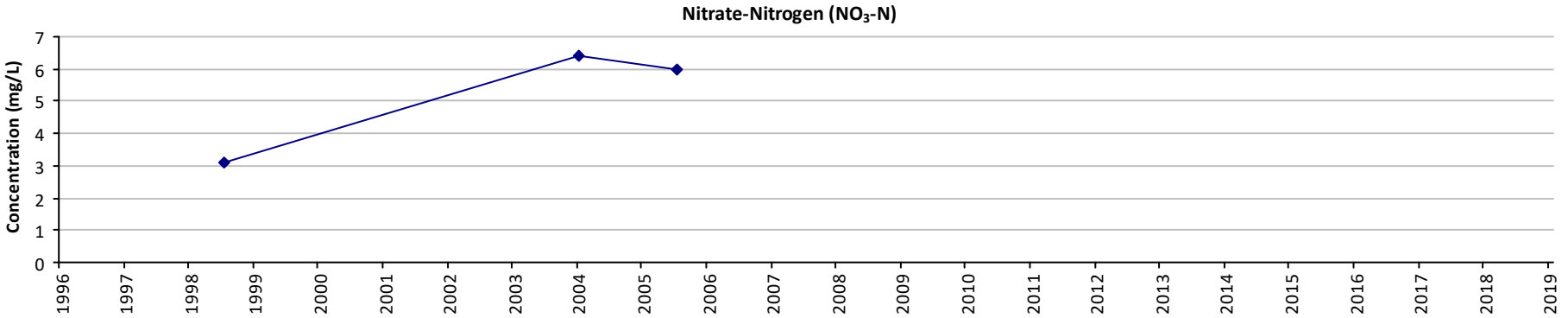
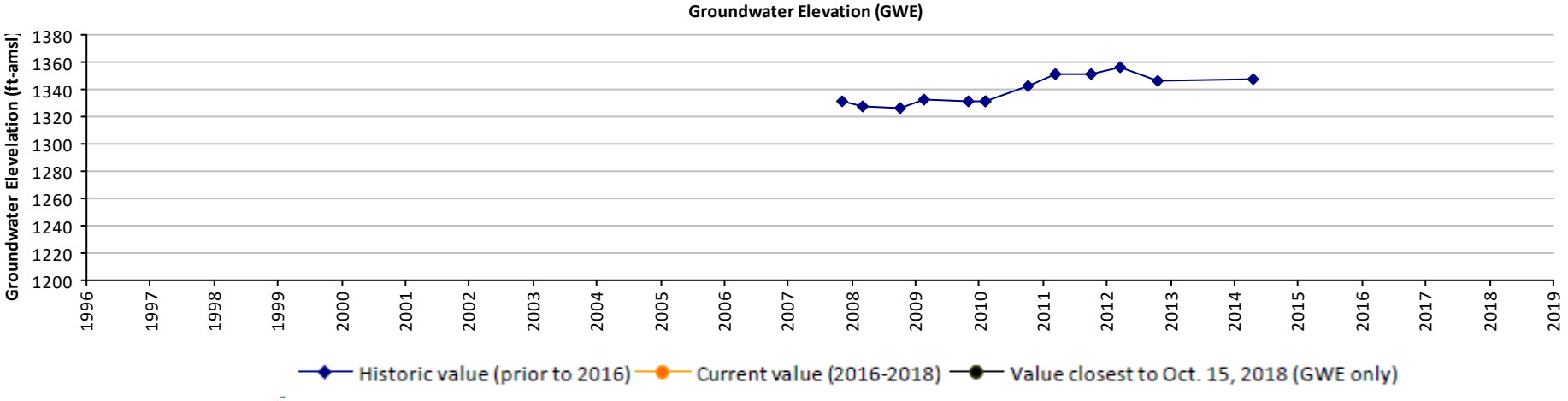
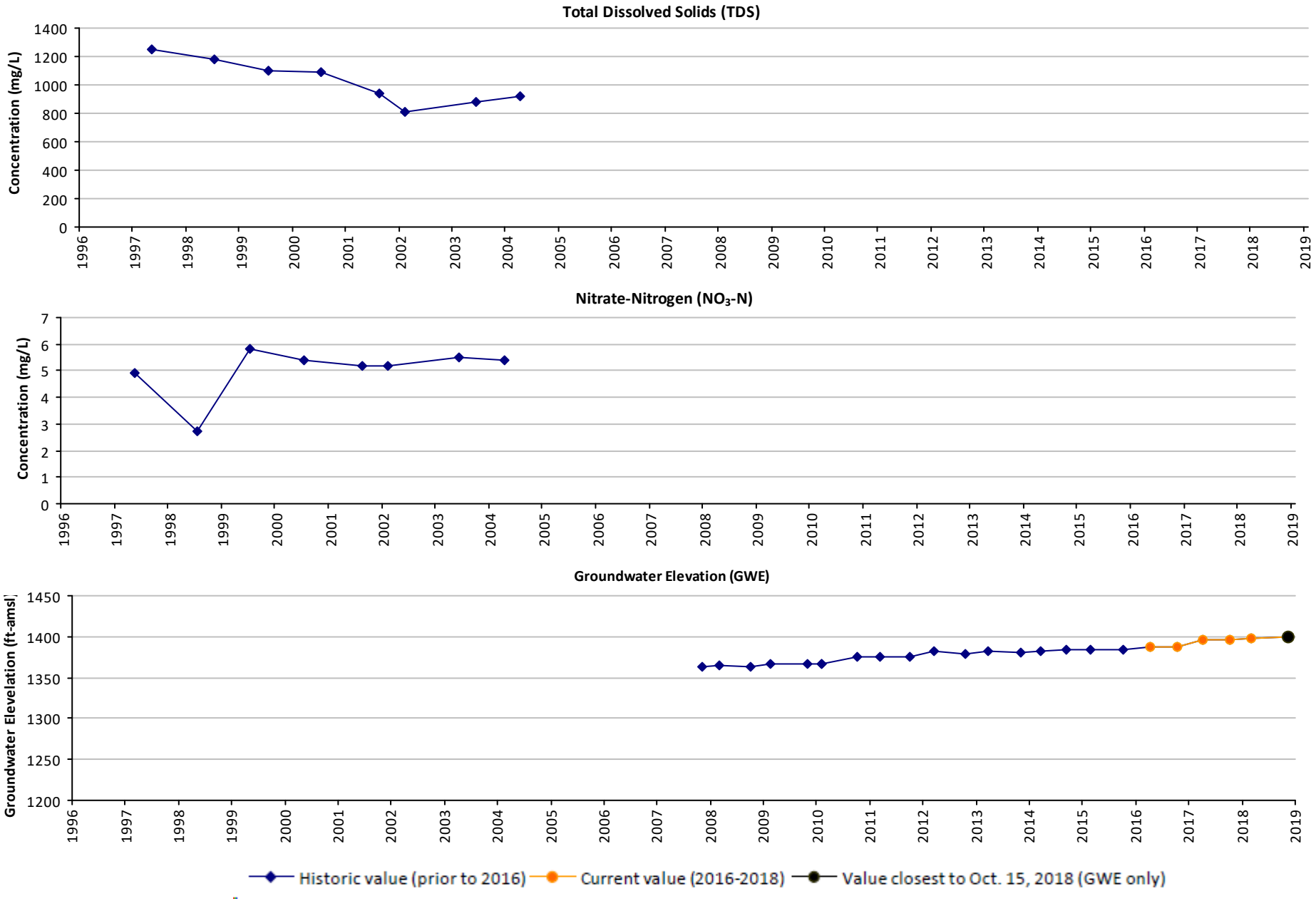
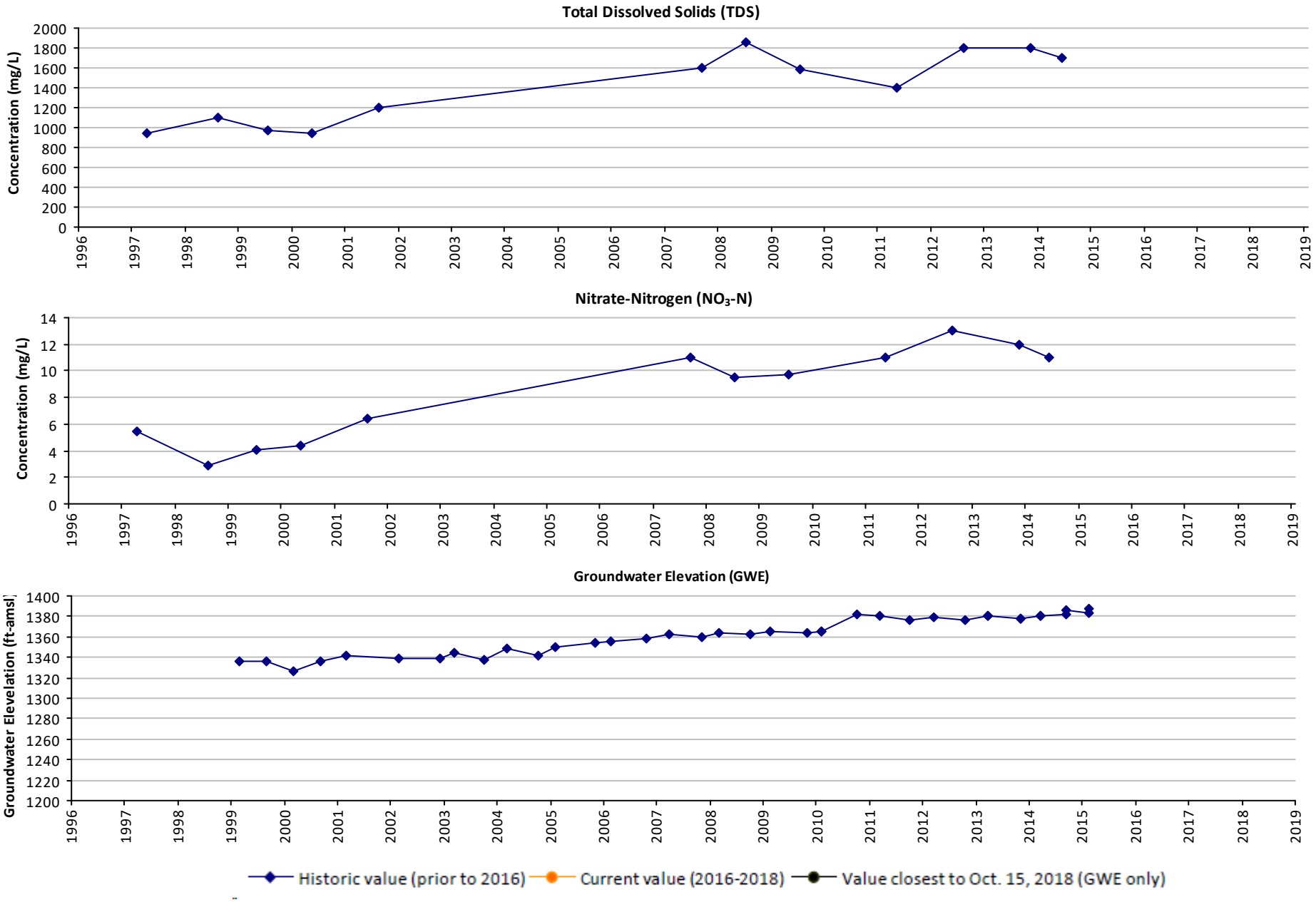
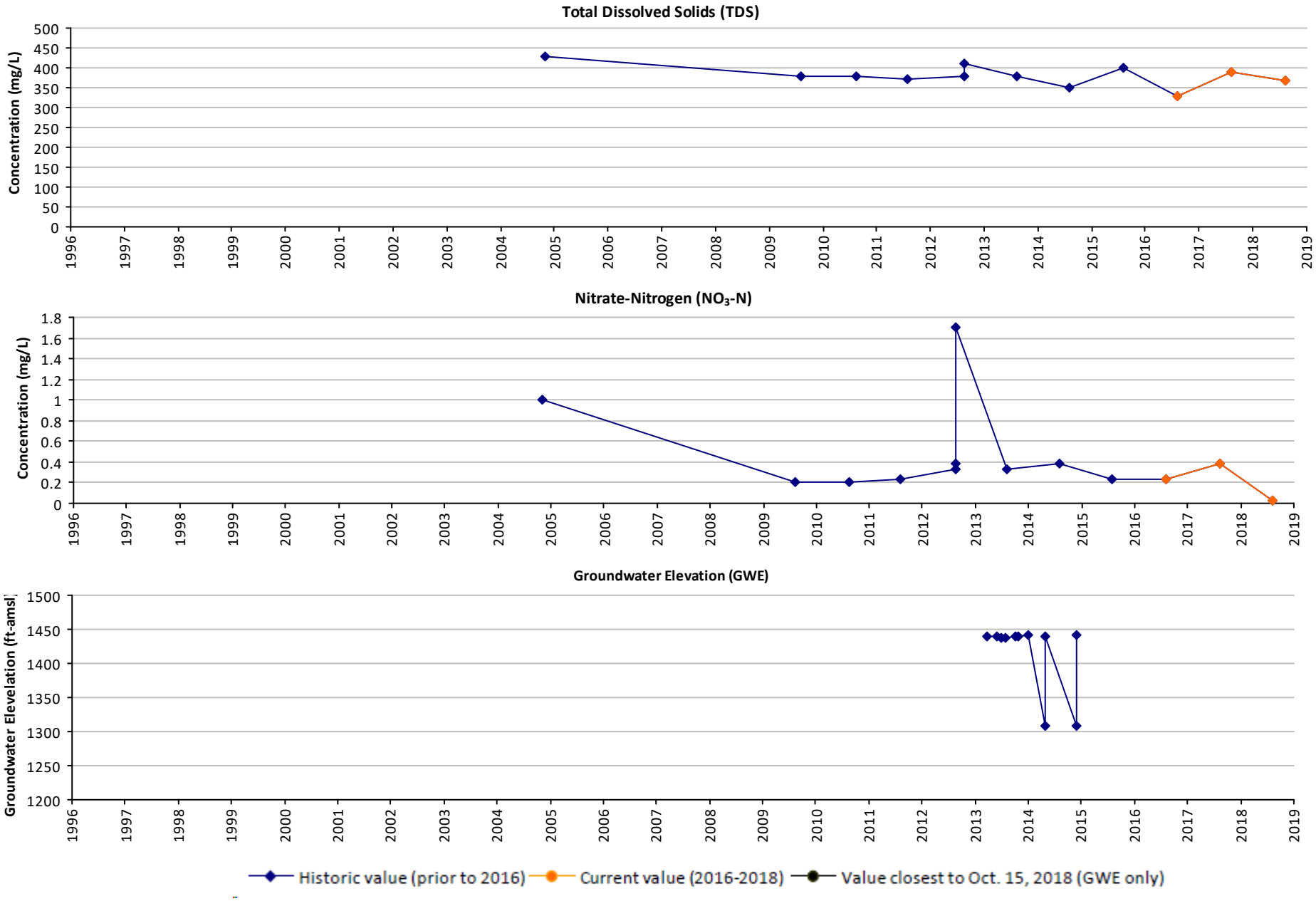
2012
2013
2014
2015
2016
2017
2018
2019

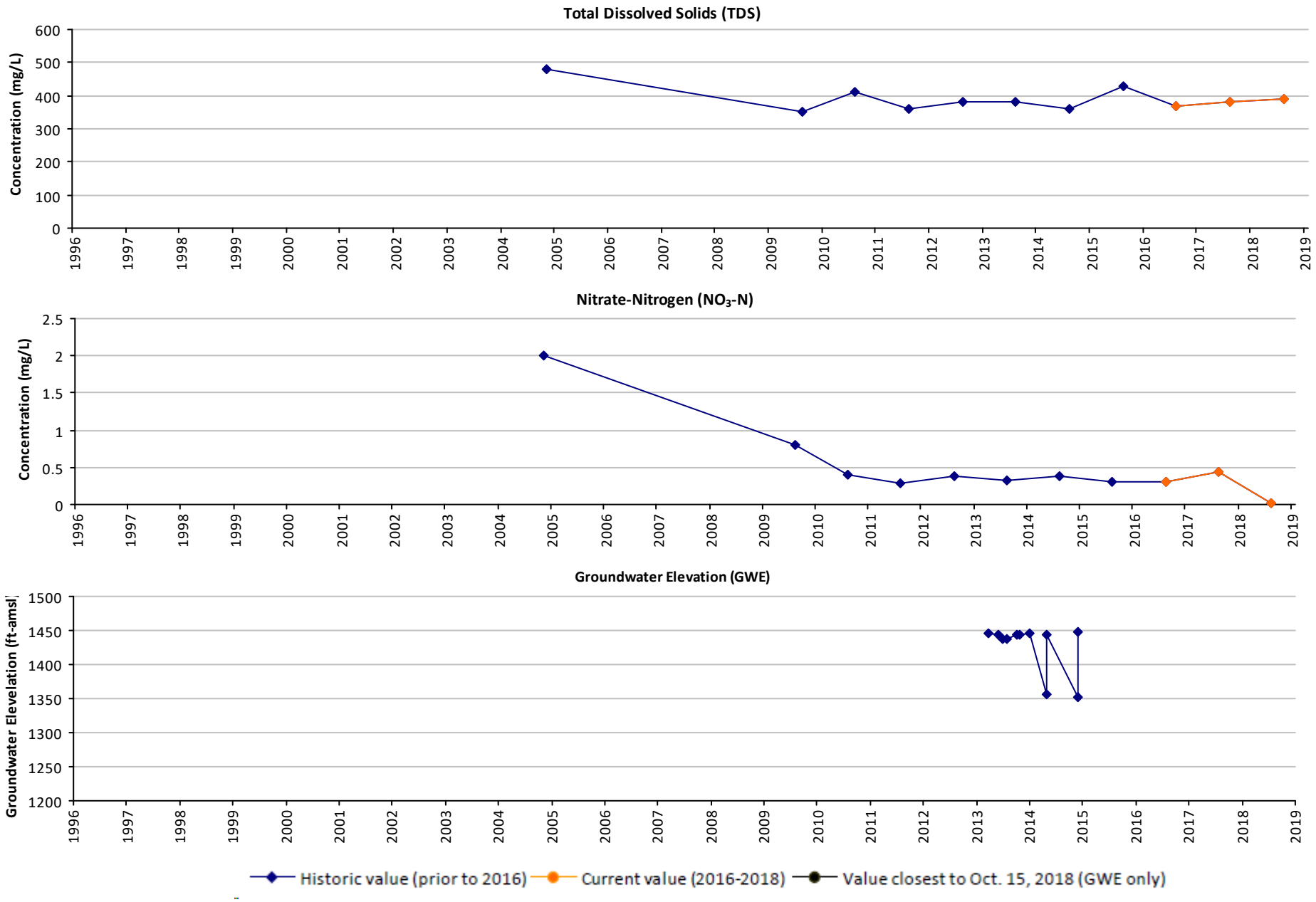

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

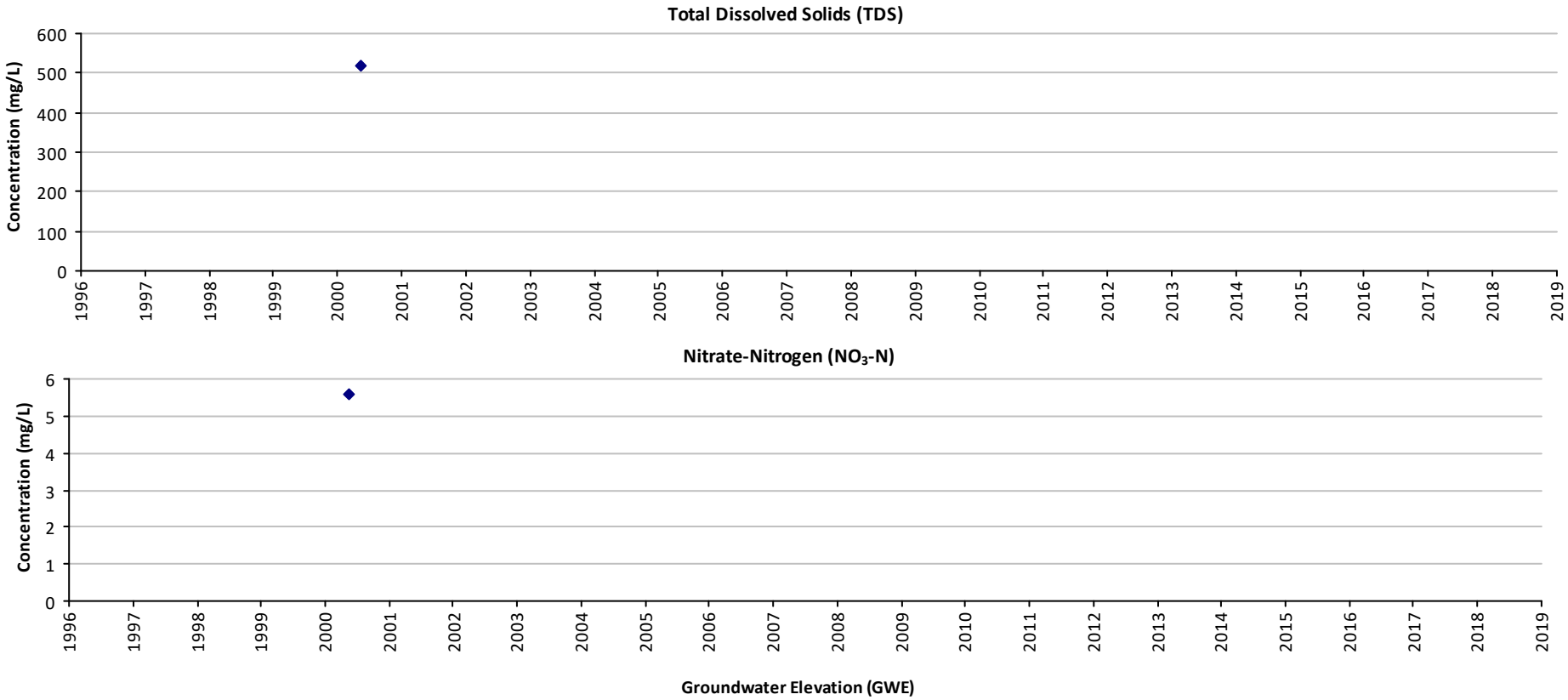

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1220
1240
1260
1280
1300
1320
1340
1360
1380
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

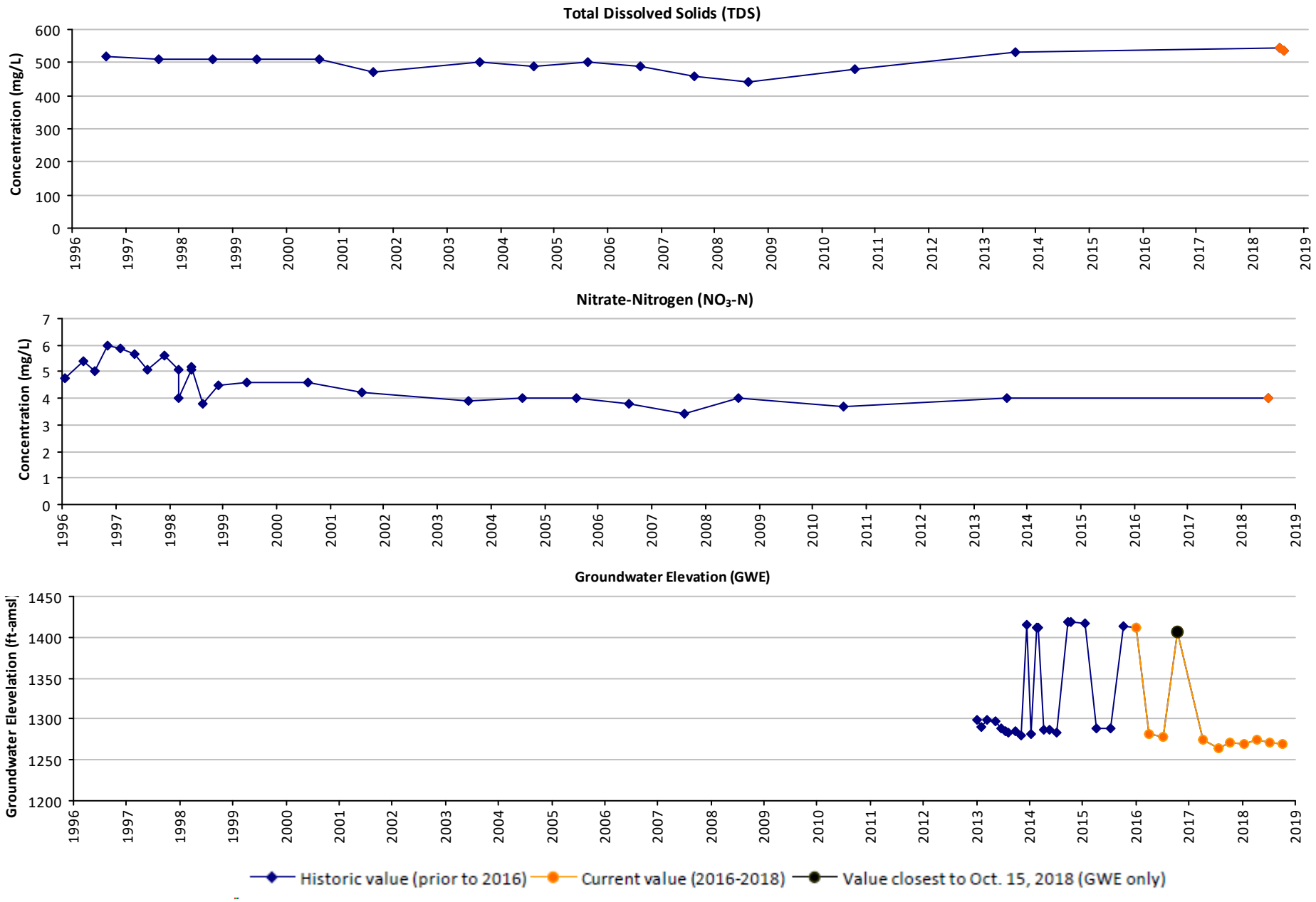

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

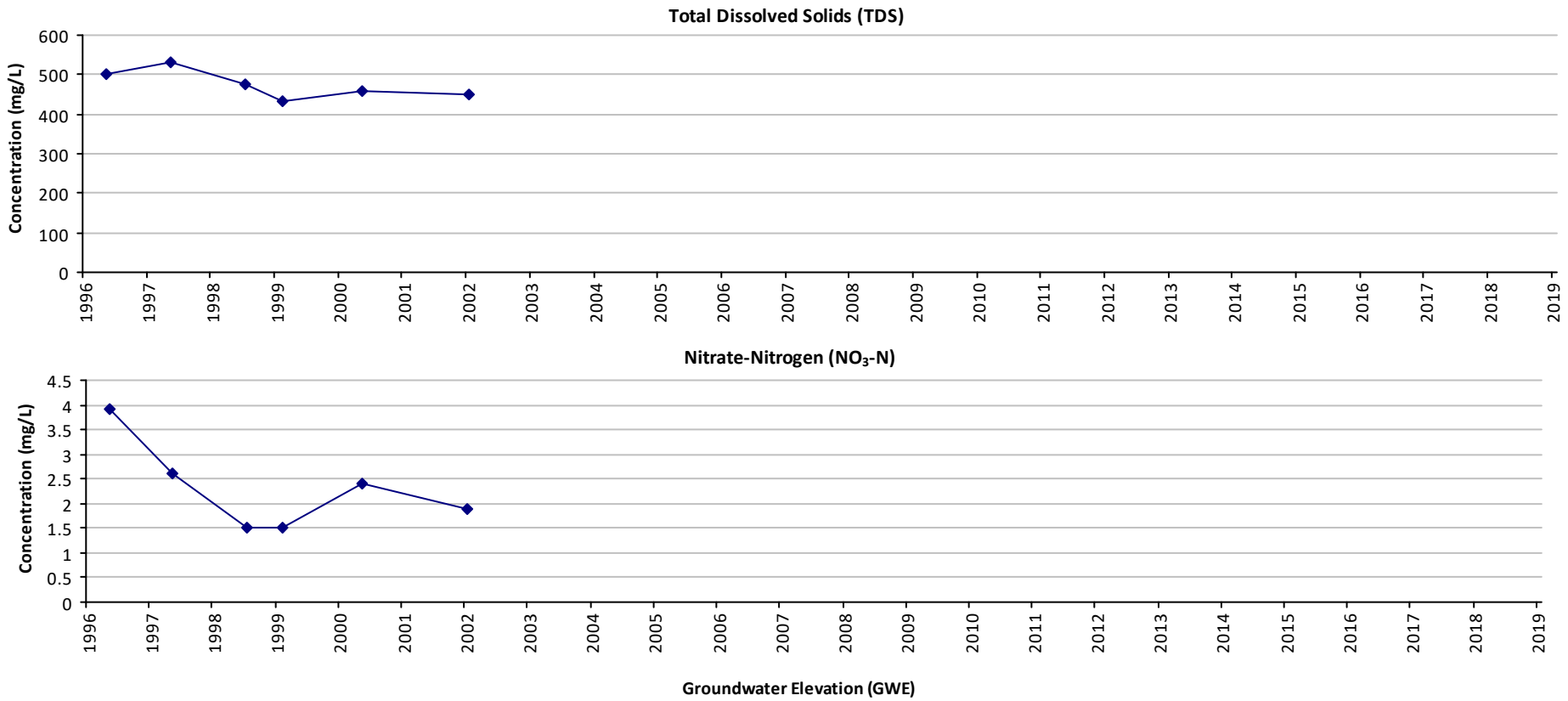

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

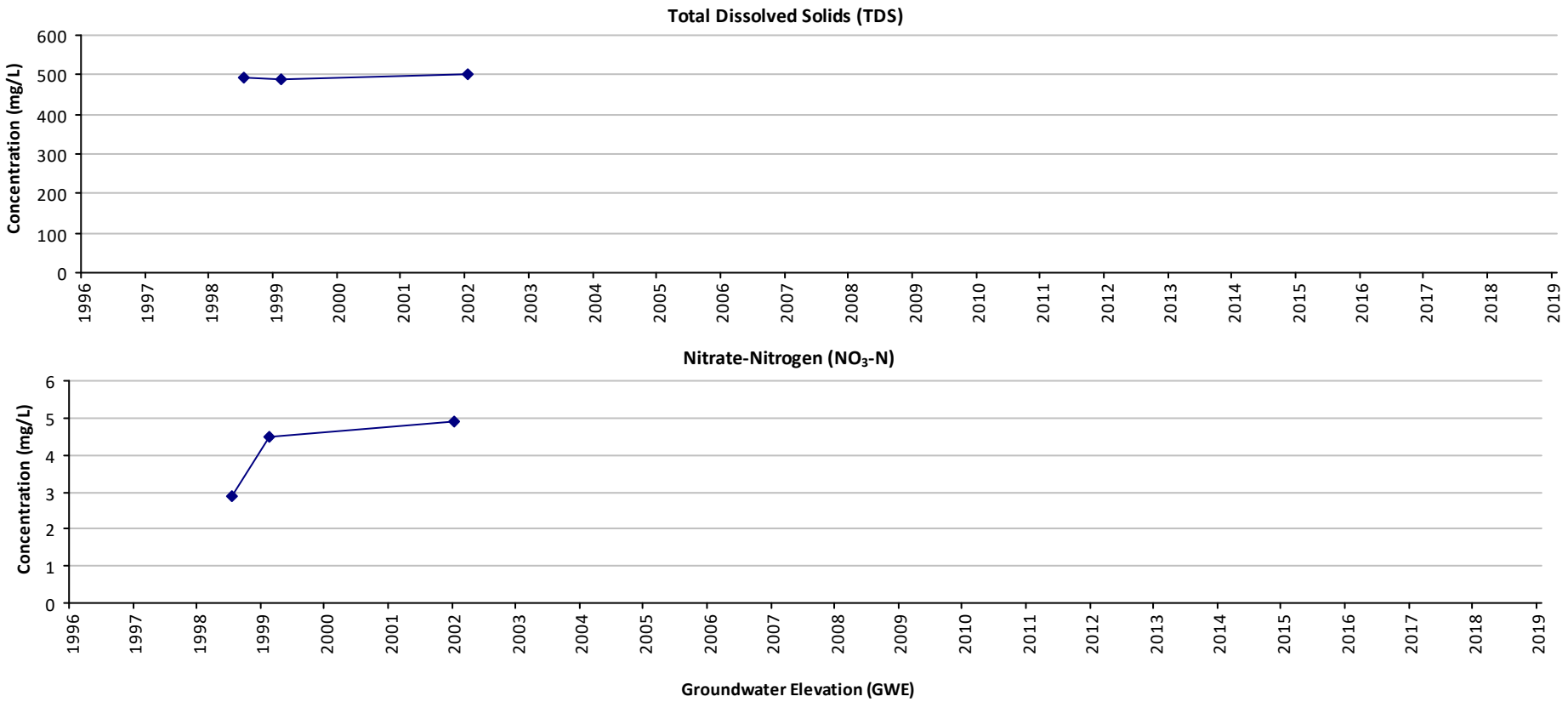

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

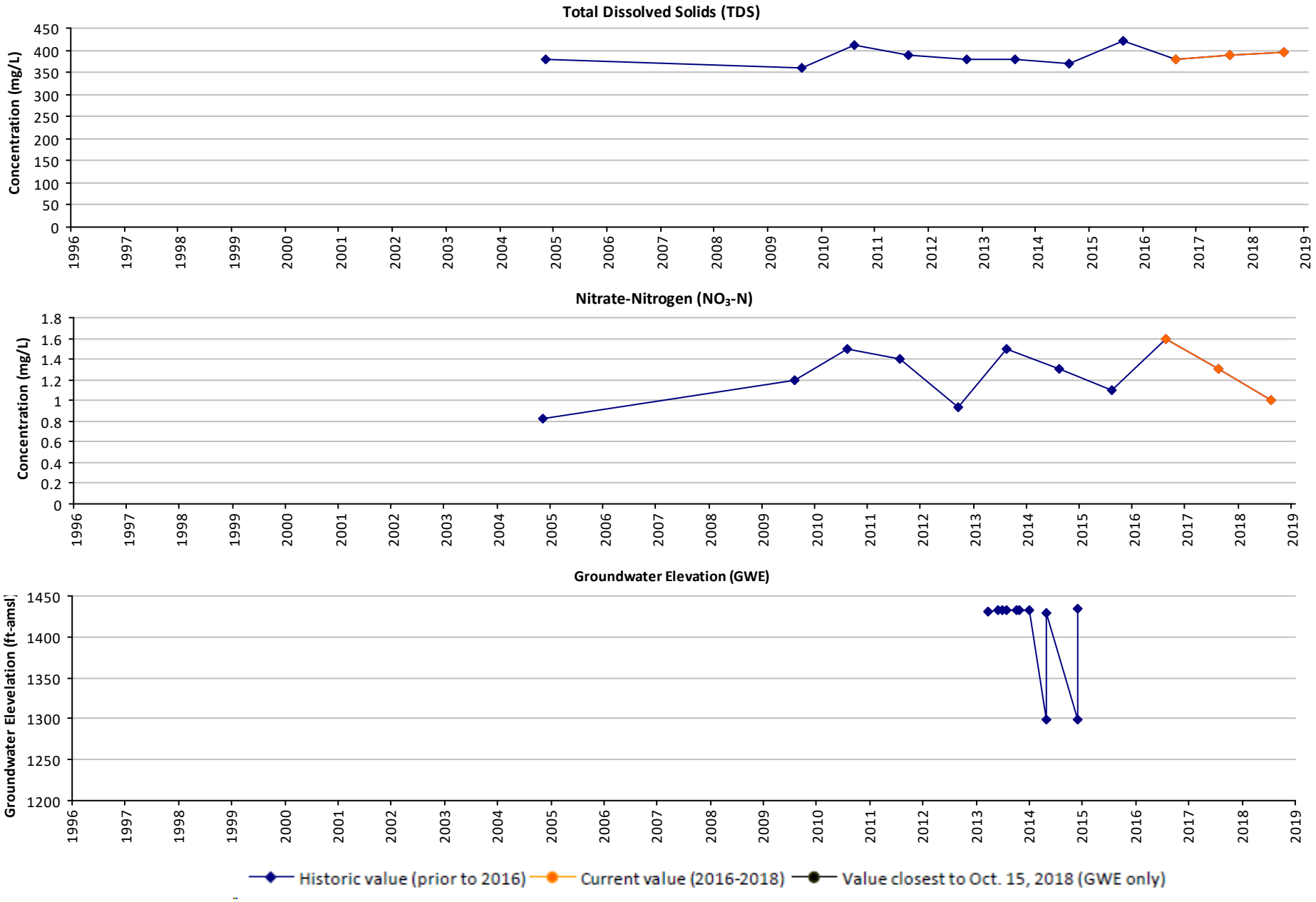

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

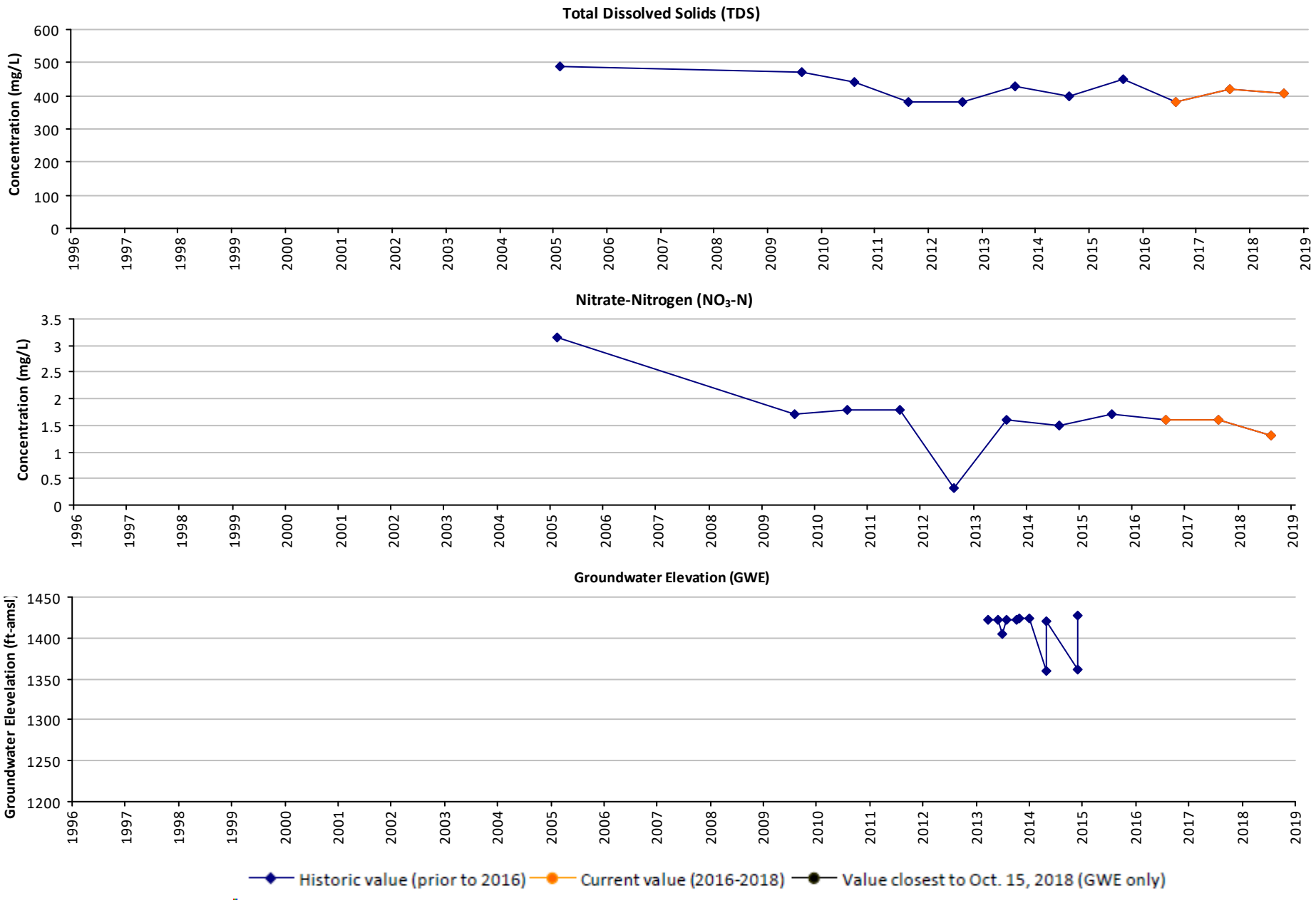

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

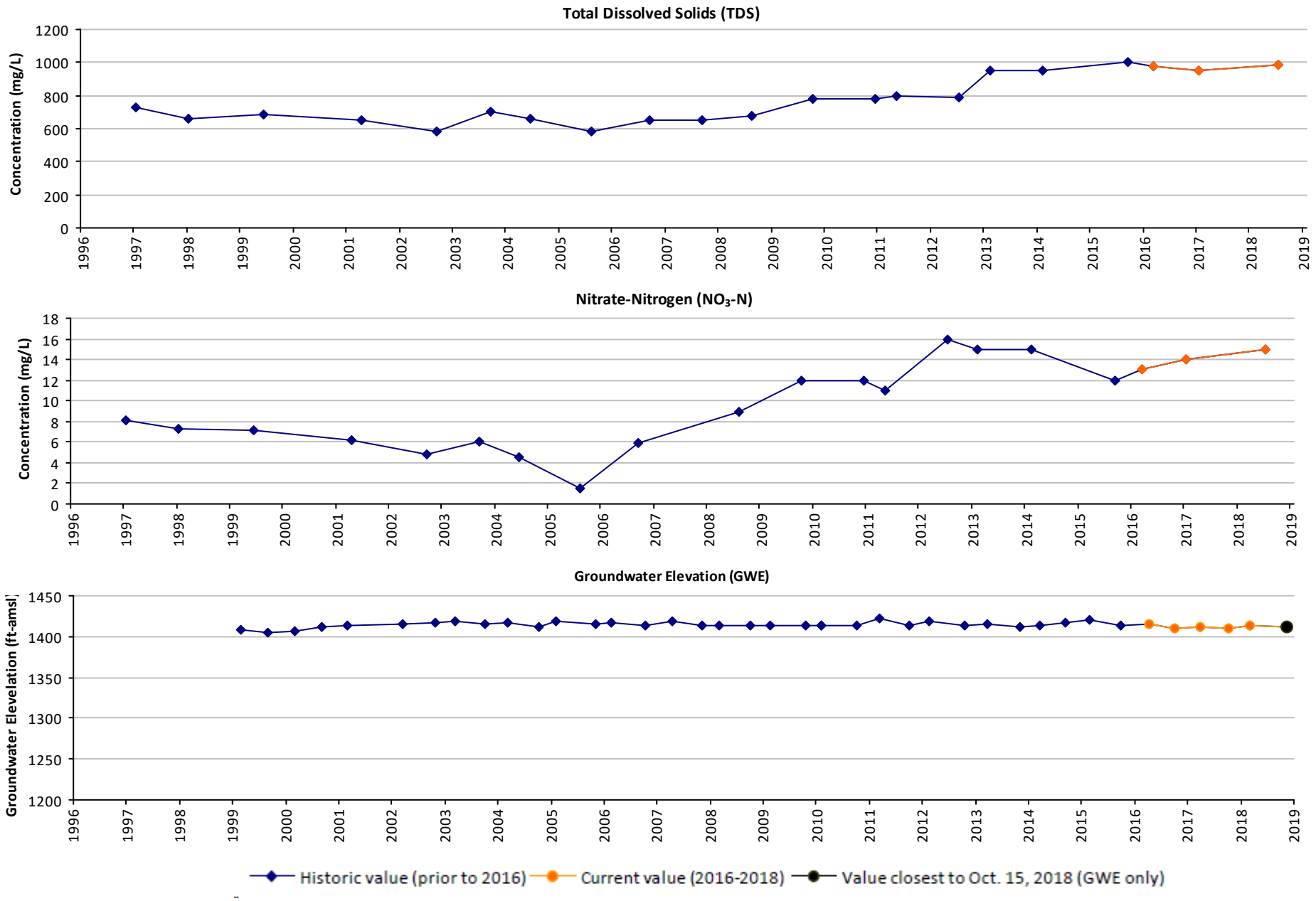

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

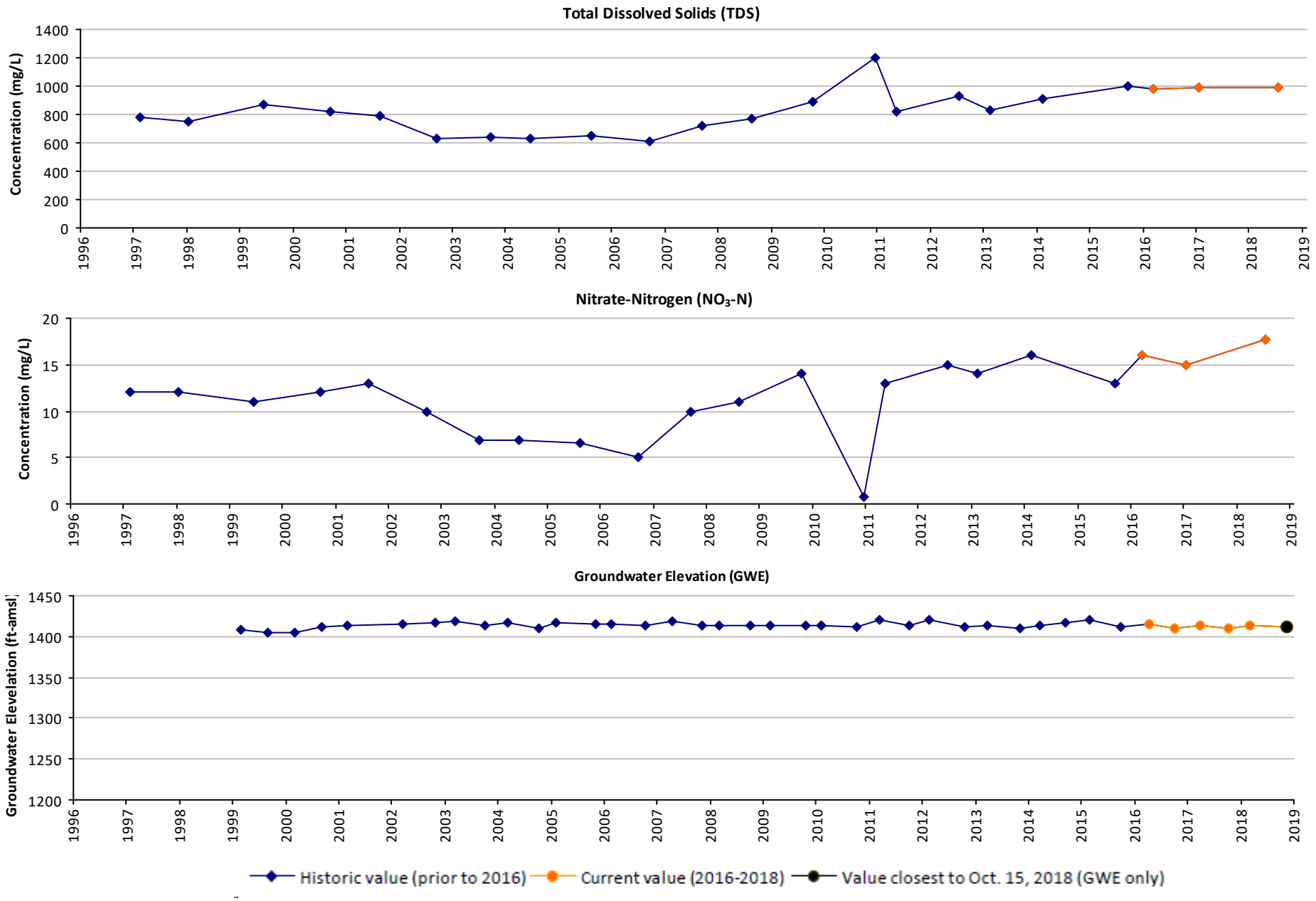

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

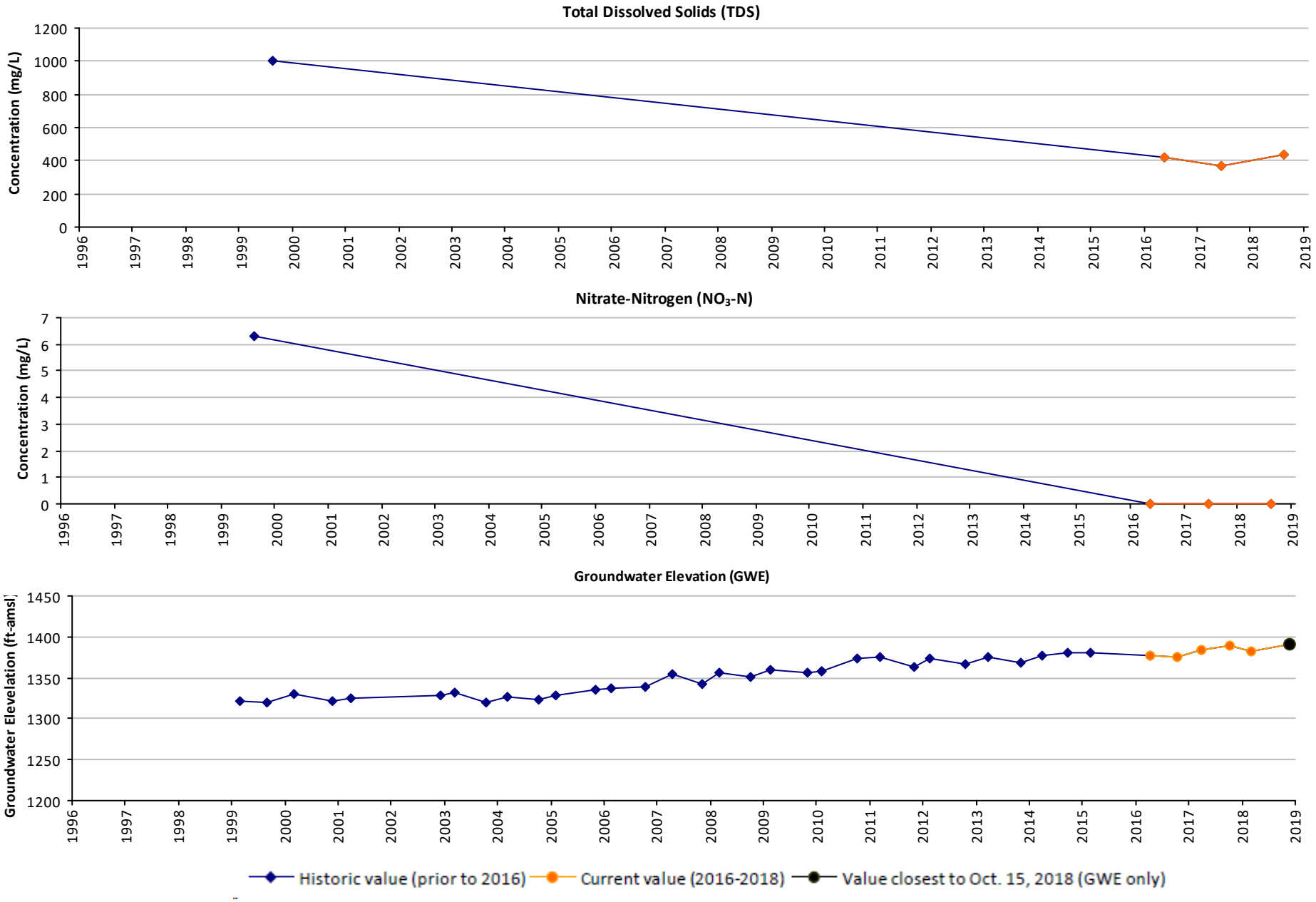

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

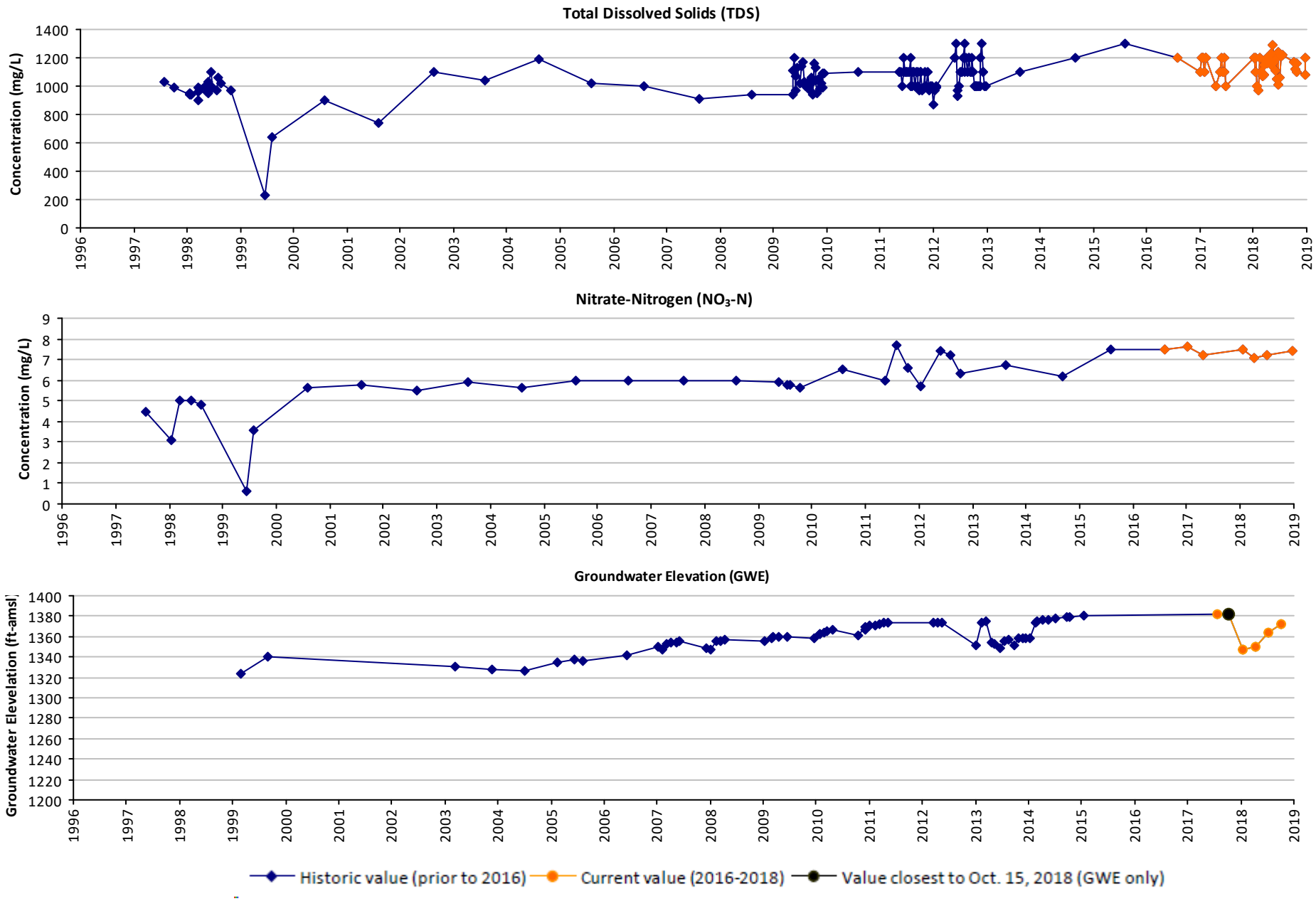

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

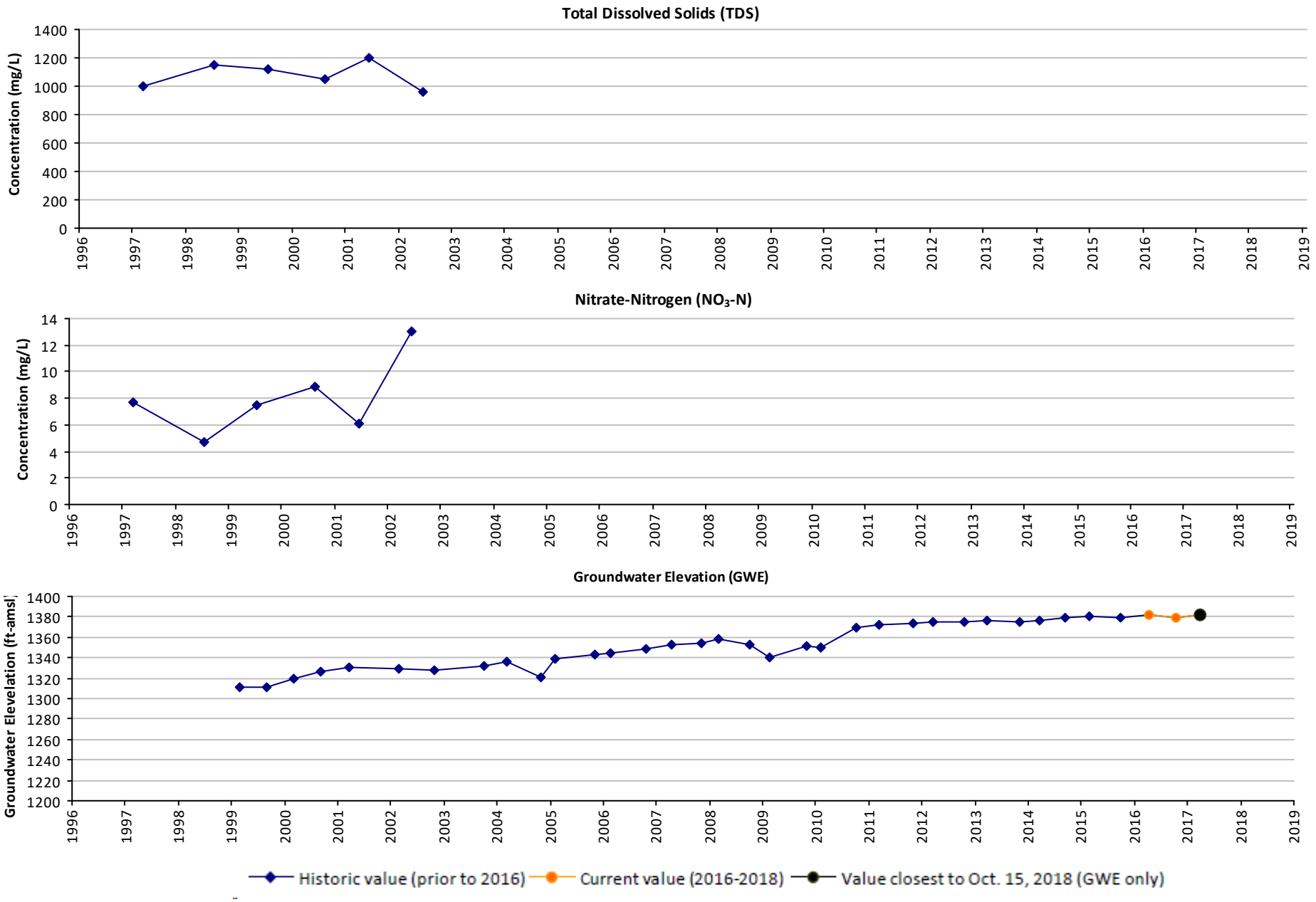

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

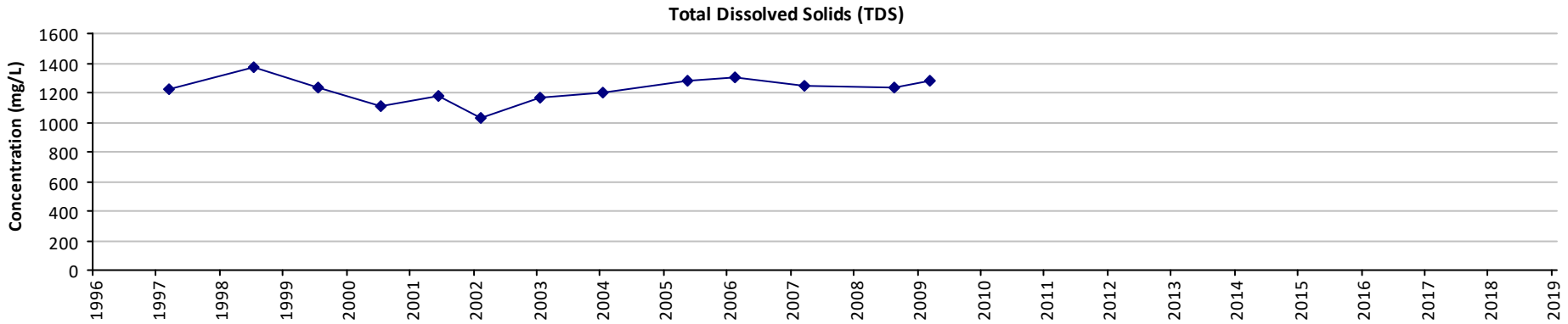

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

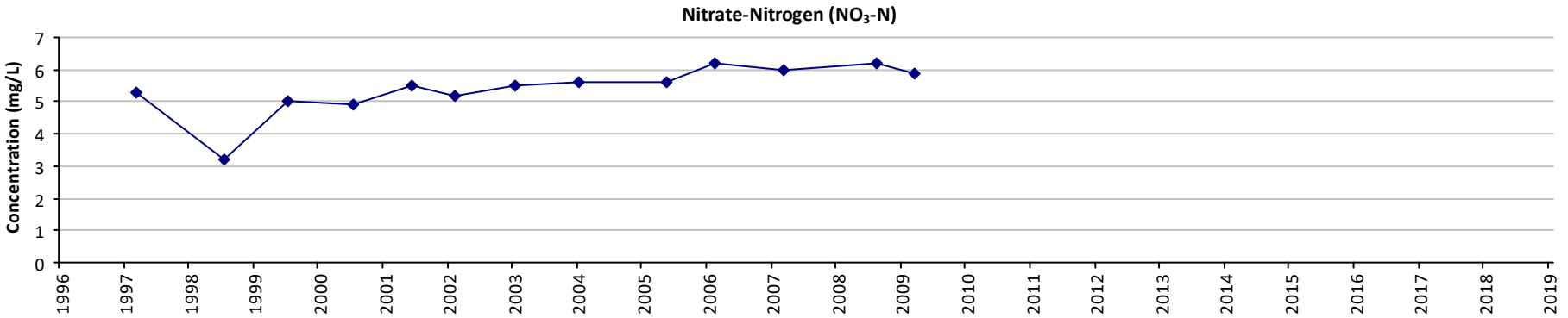

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

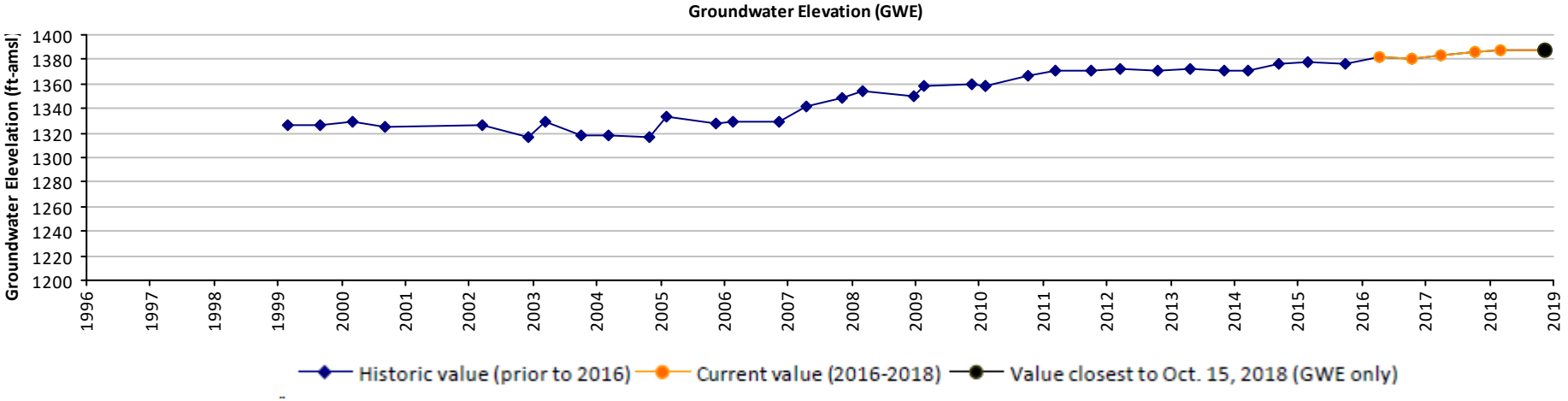

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

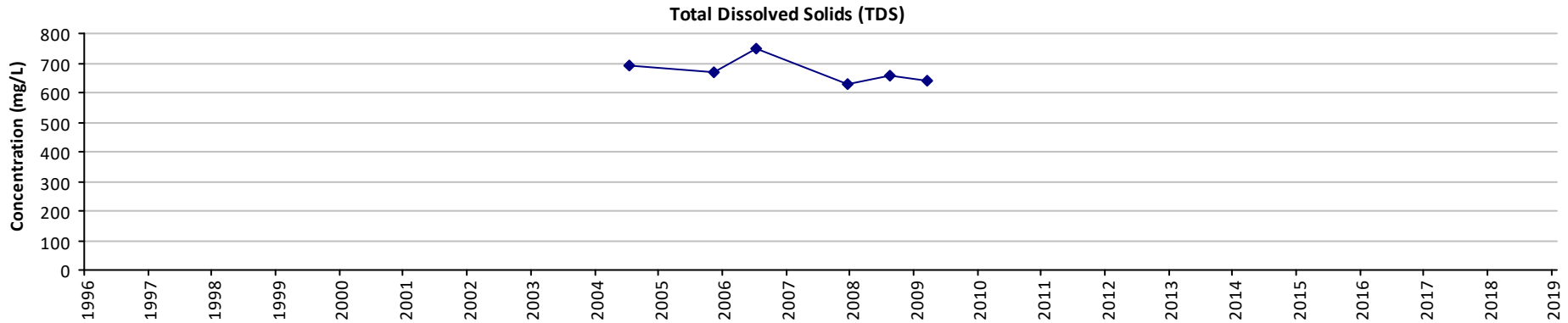

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

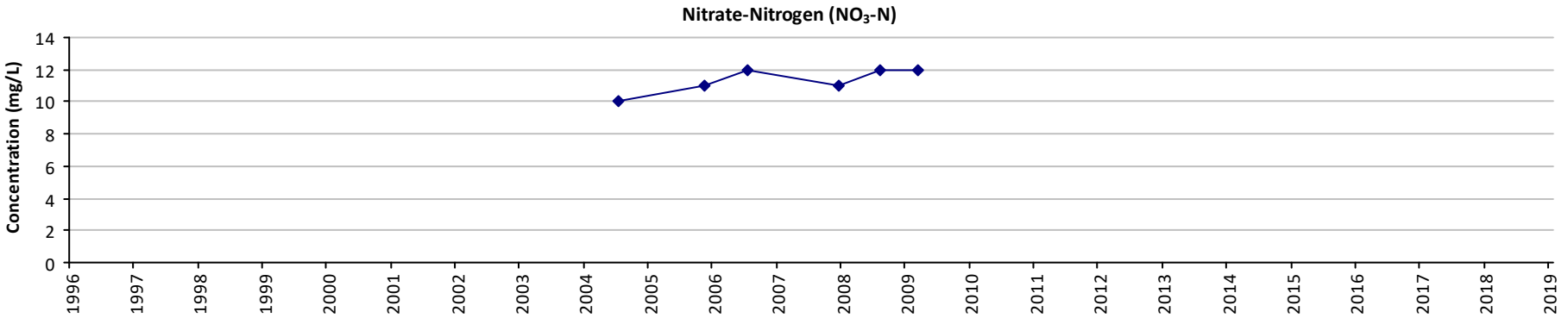

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

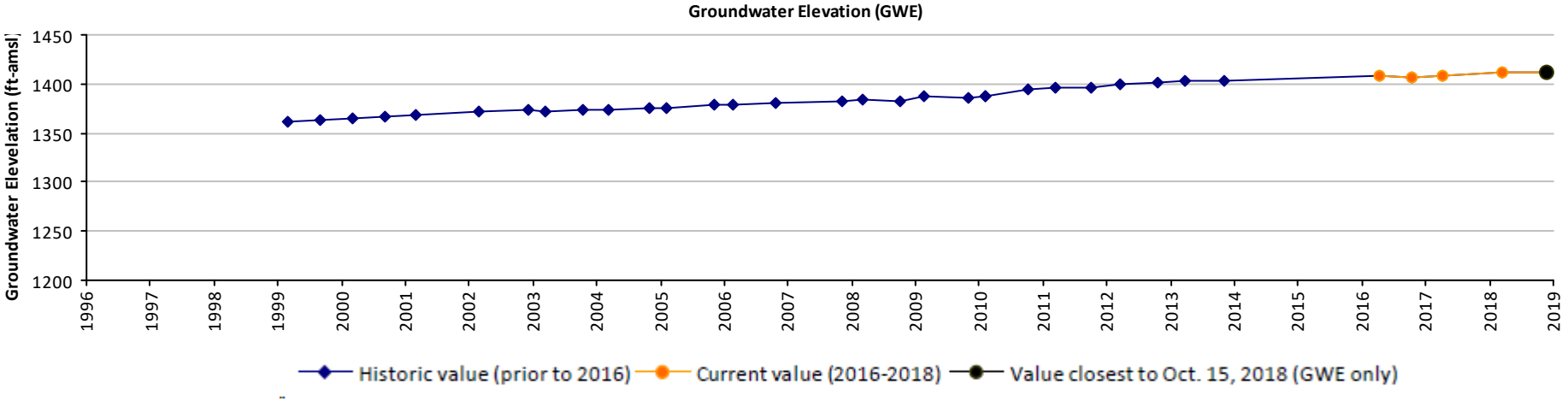

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

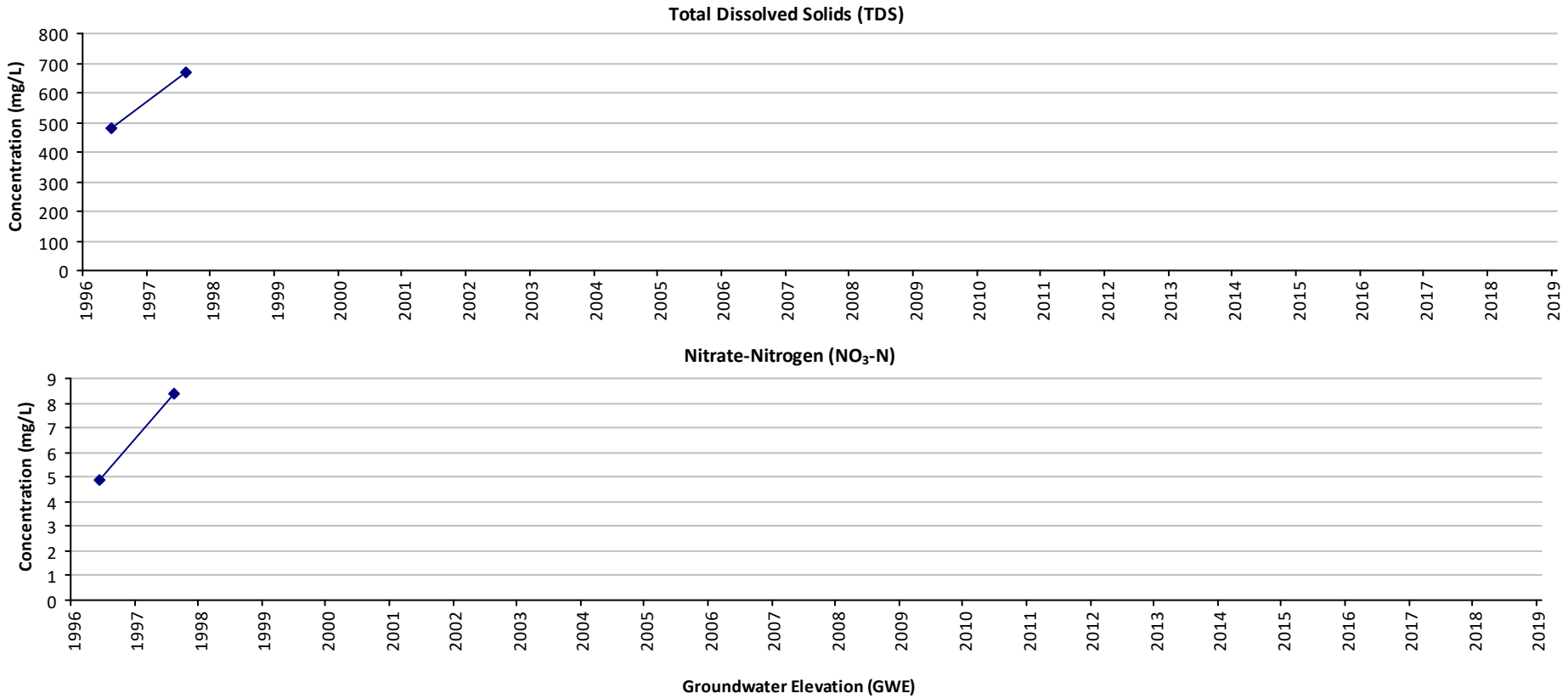

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

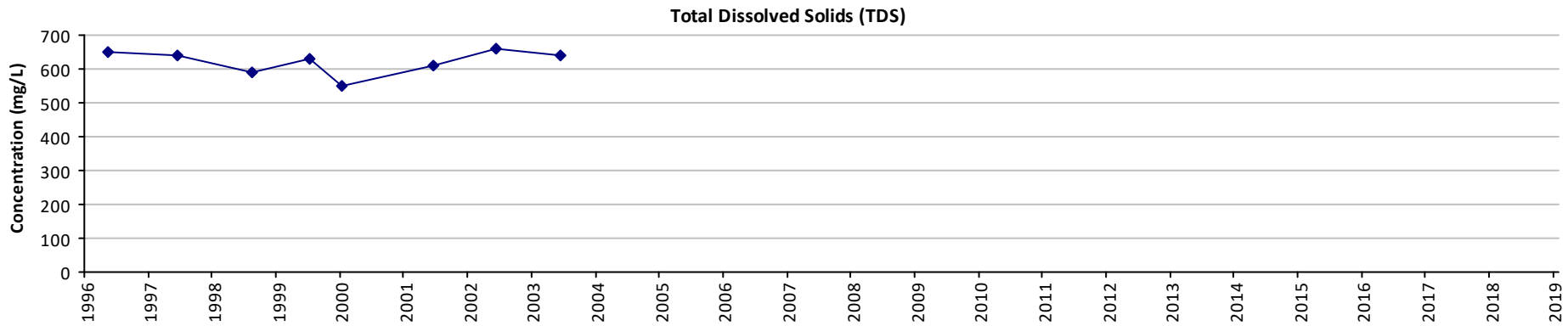

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1220
1240
1260
1280
1300
1320
1340
1360
1380
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

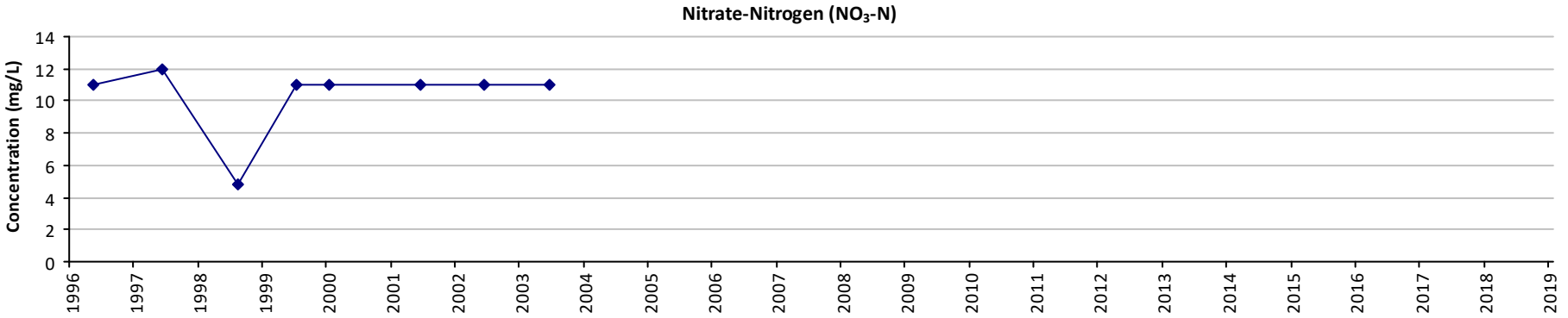

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

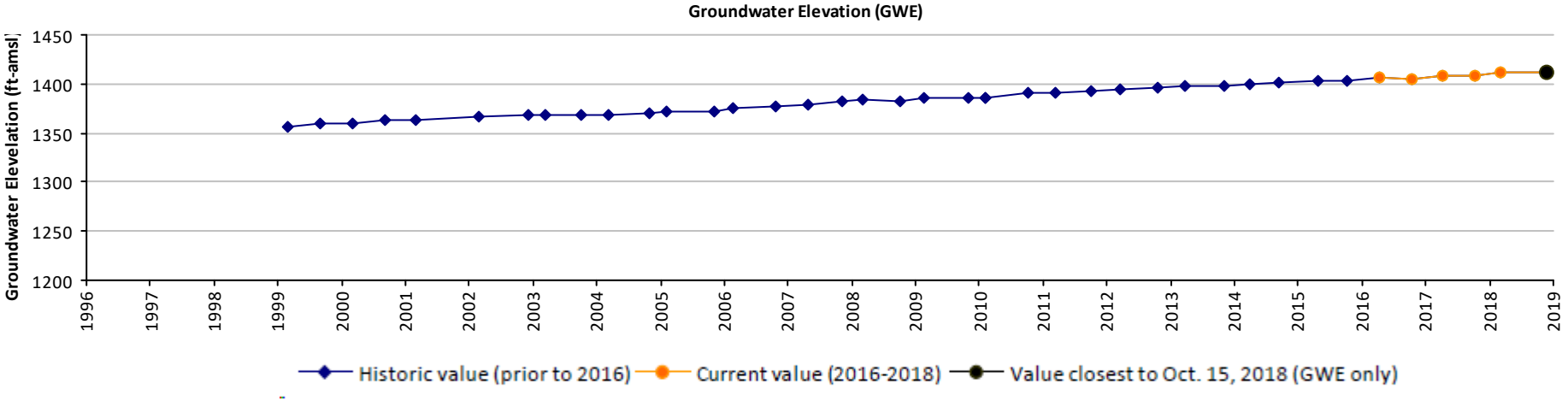

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

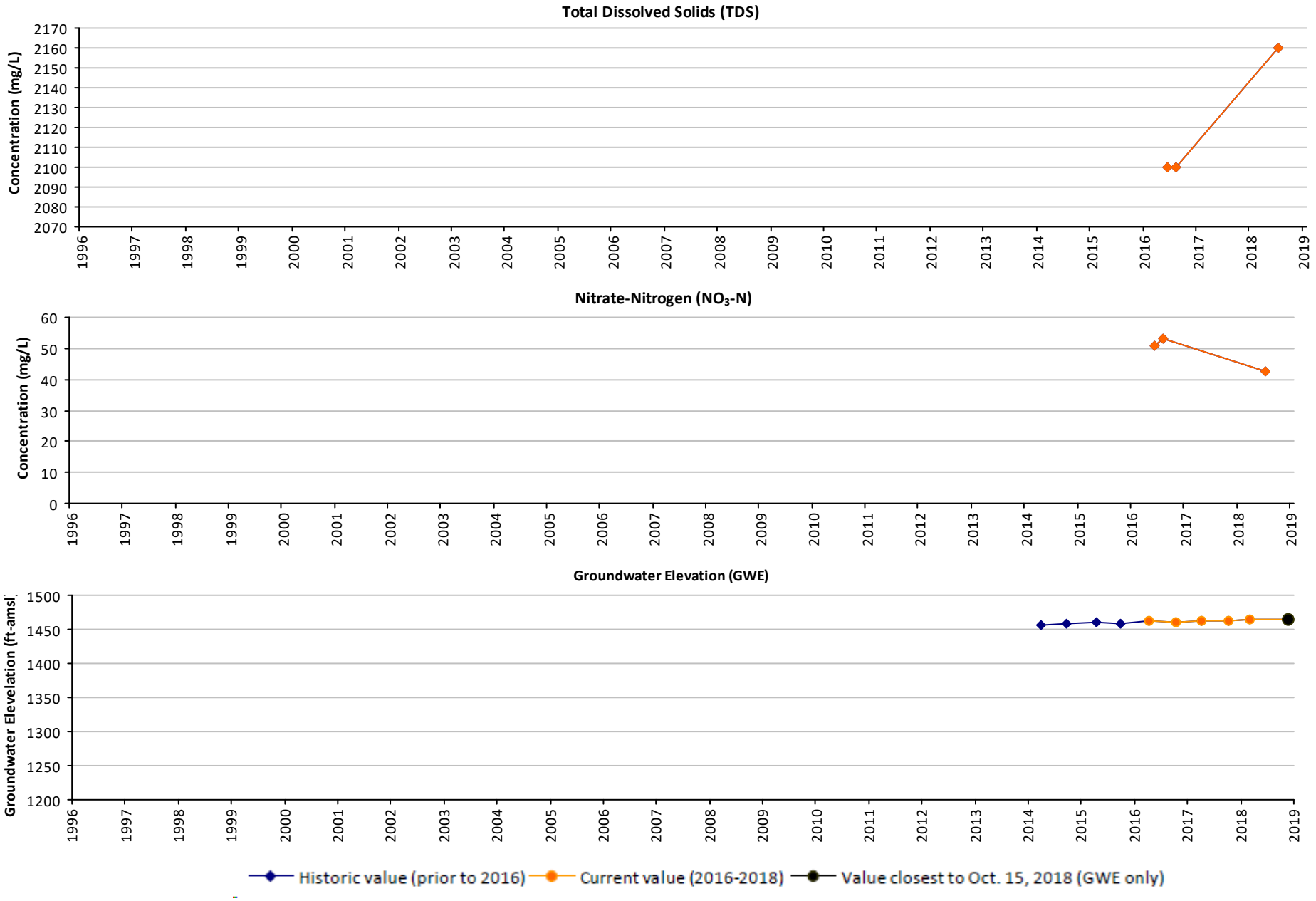

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1450
1400
1350
1300
1250
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

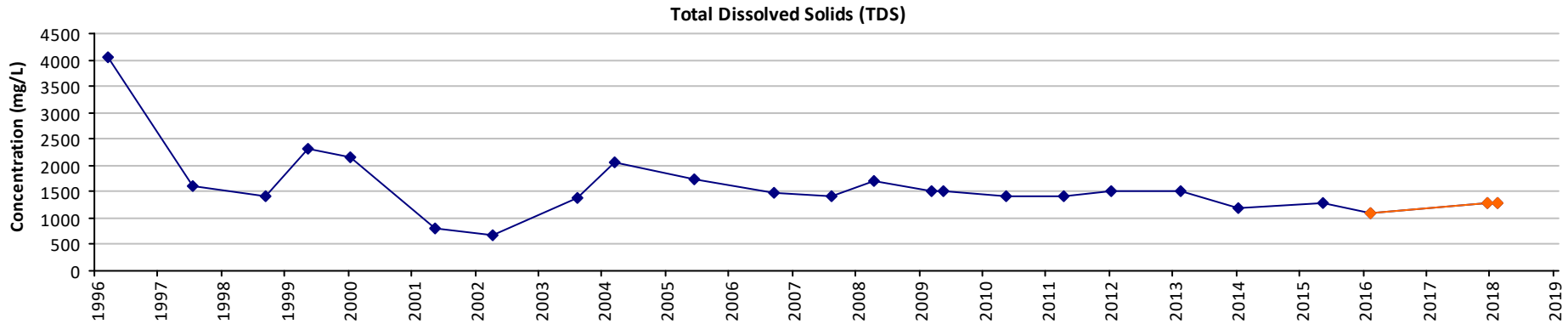

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

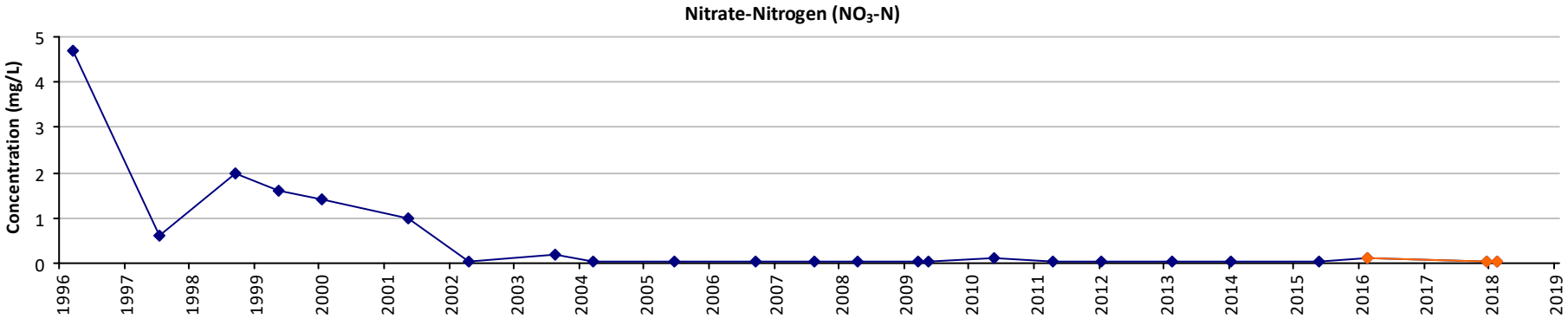

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1250
1300
1350
1400
1450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

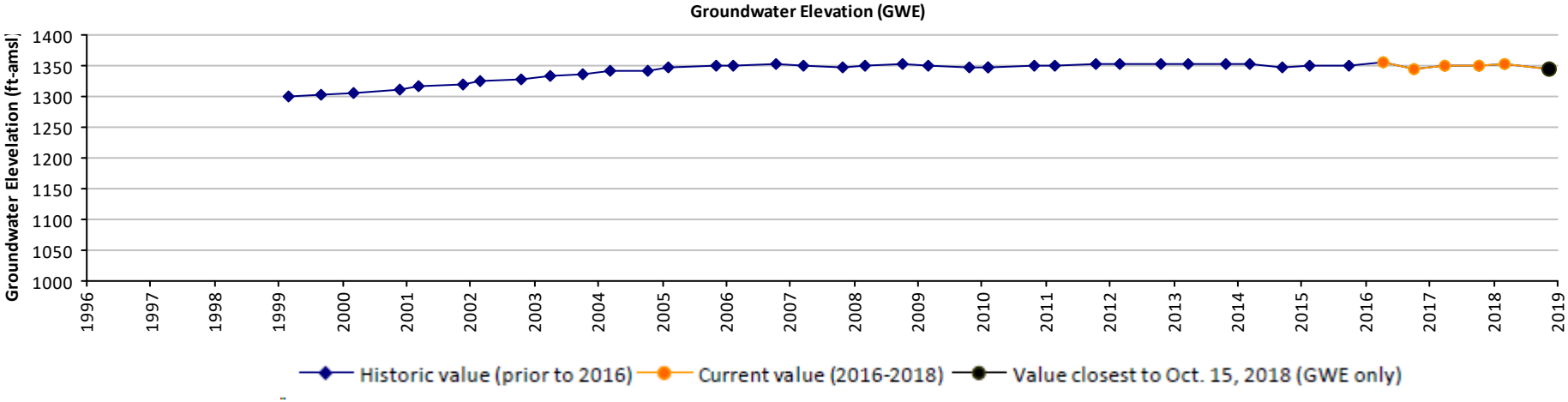

Total Dissolved Solids (TDS)
Concentration (mg/L)
2170
2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

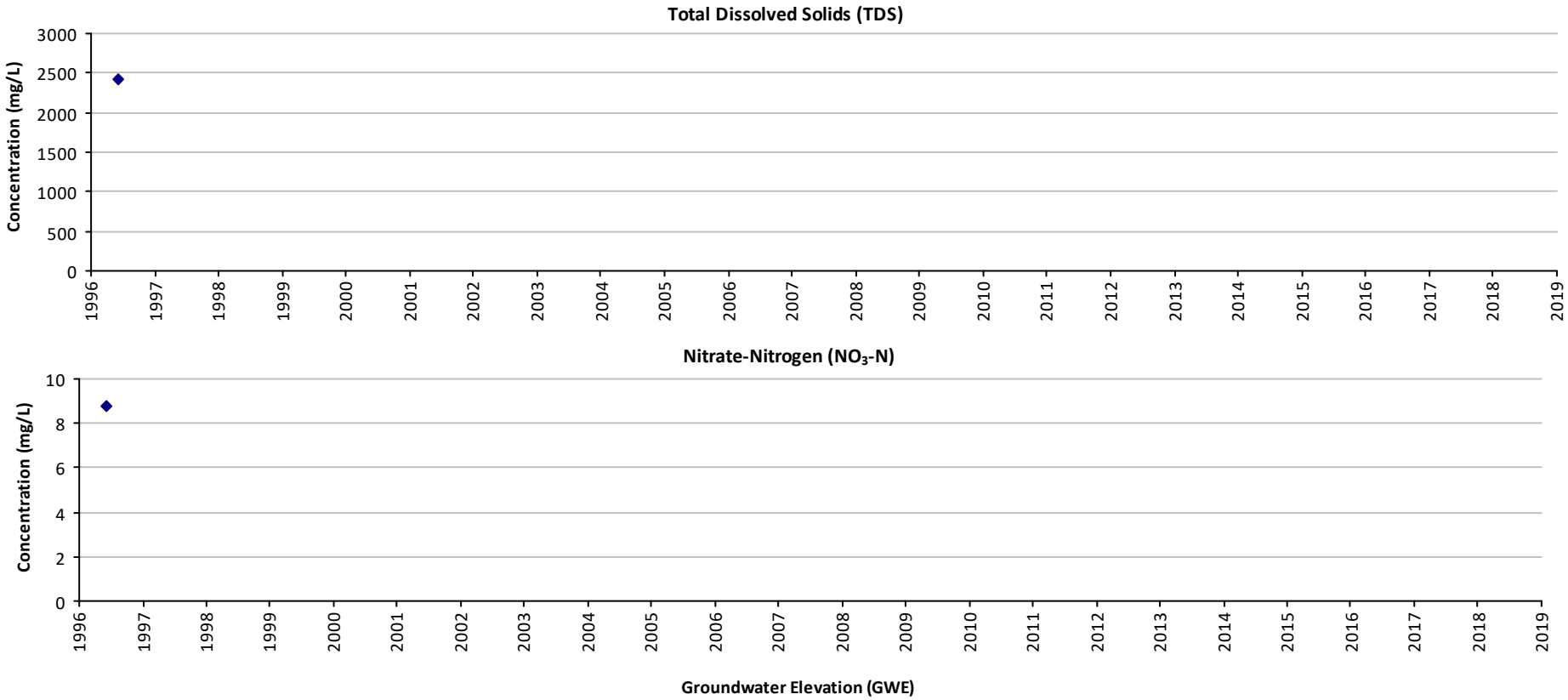
Well ID: 1211633
Management Zone: Perris-South

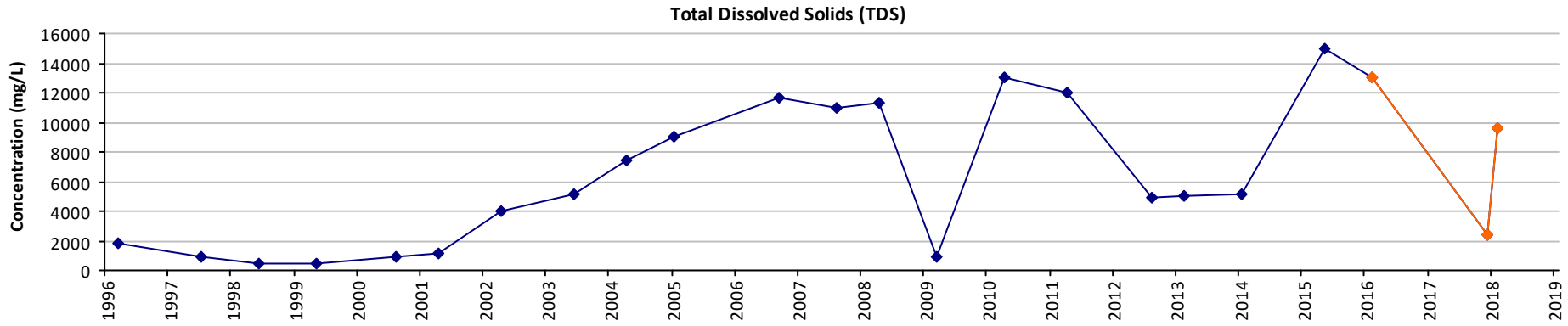






Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2010
2011
2012
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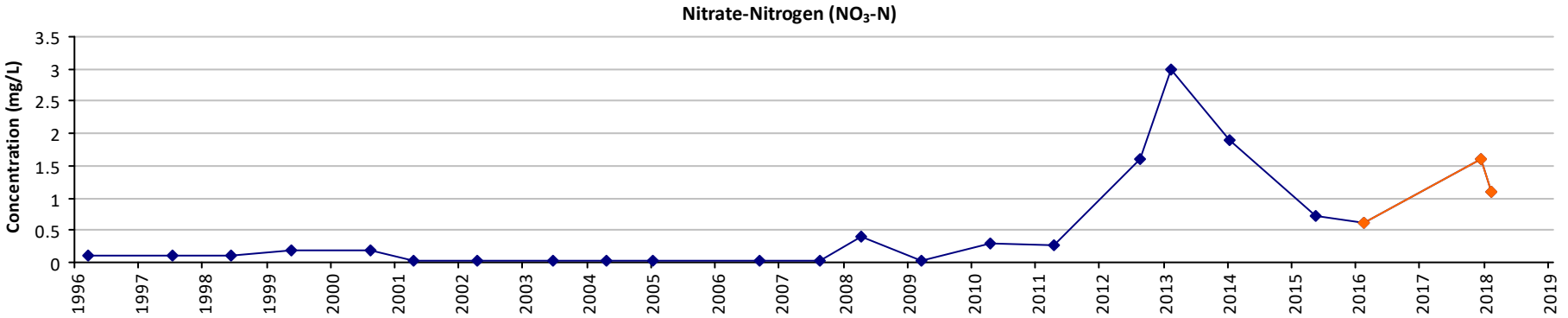
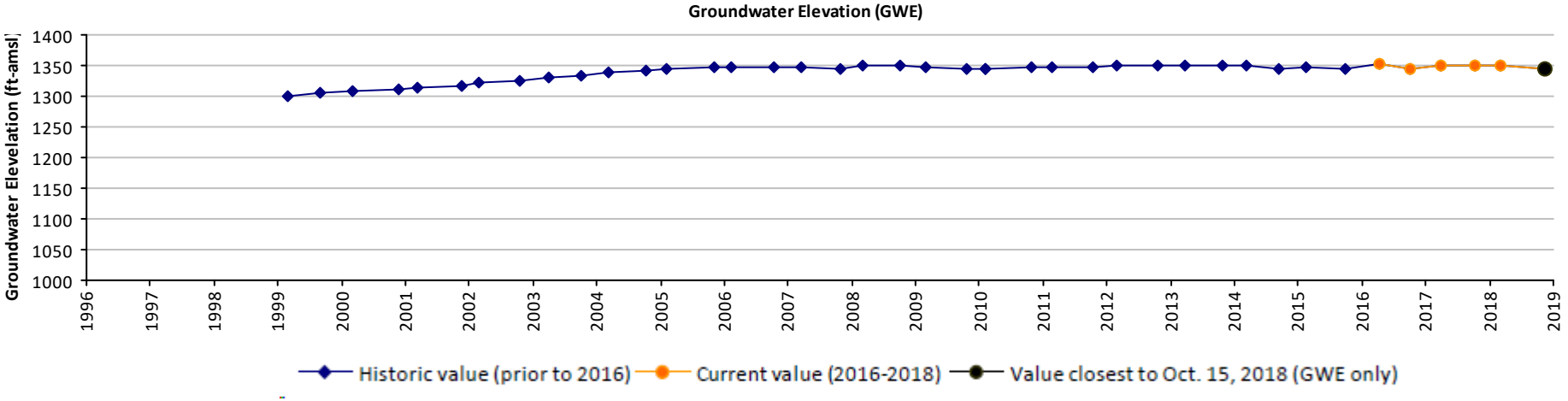
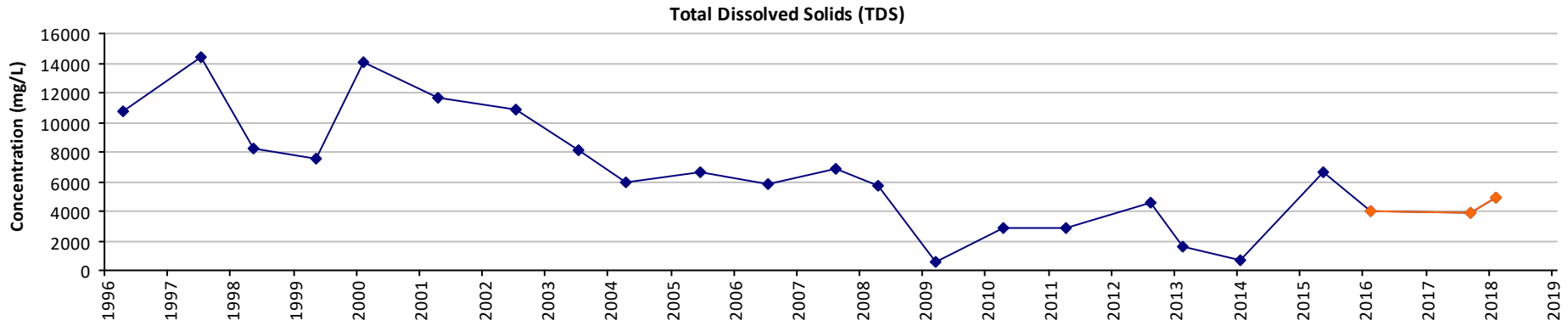
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2010
2011
2012
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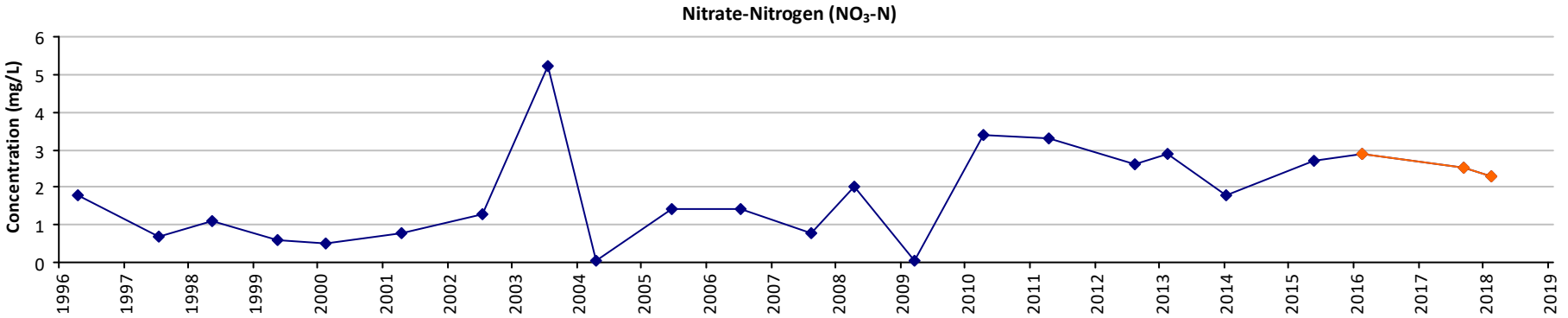
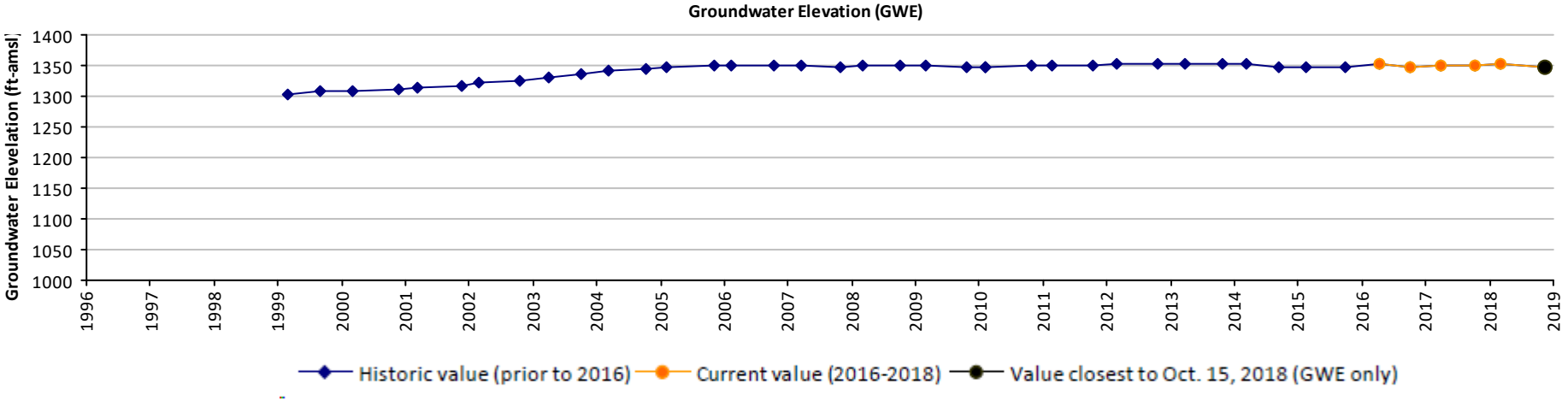
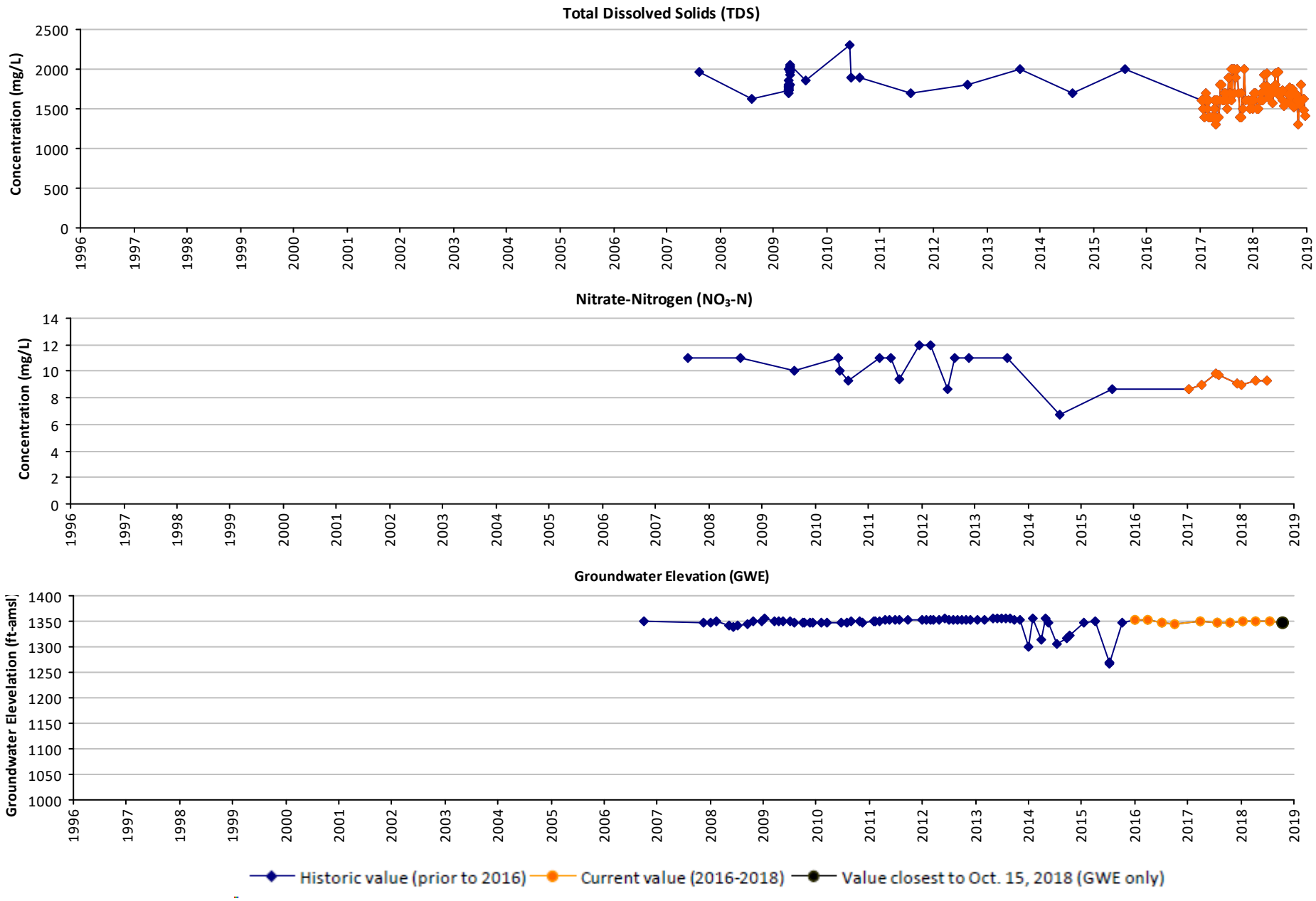
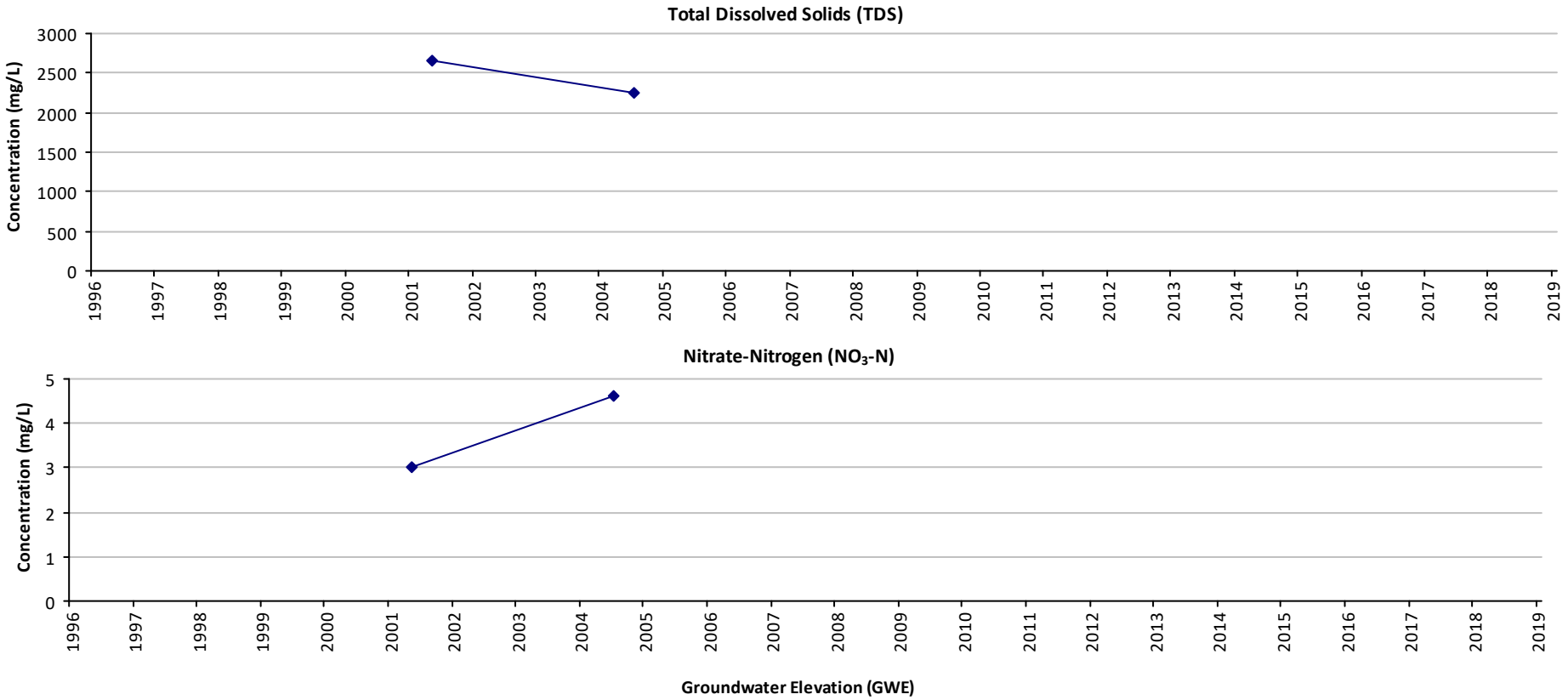
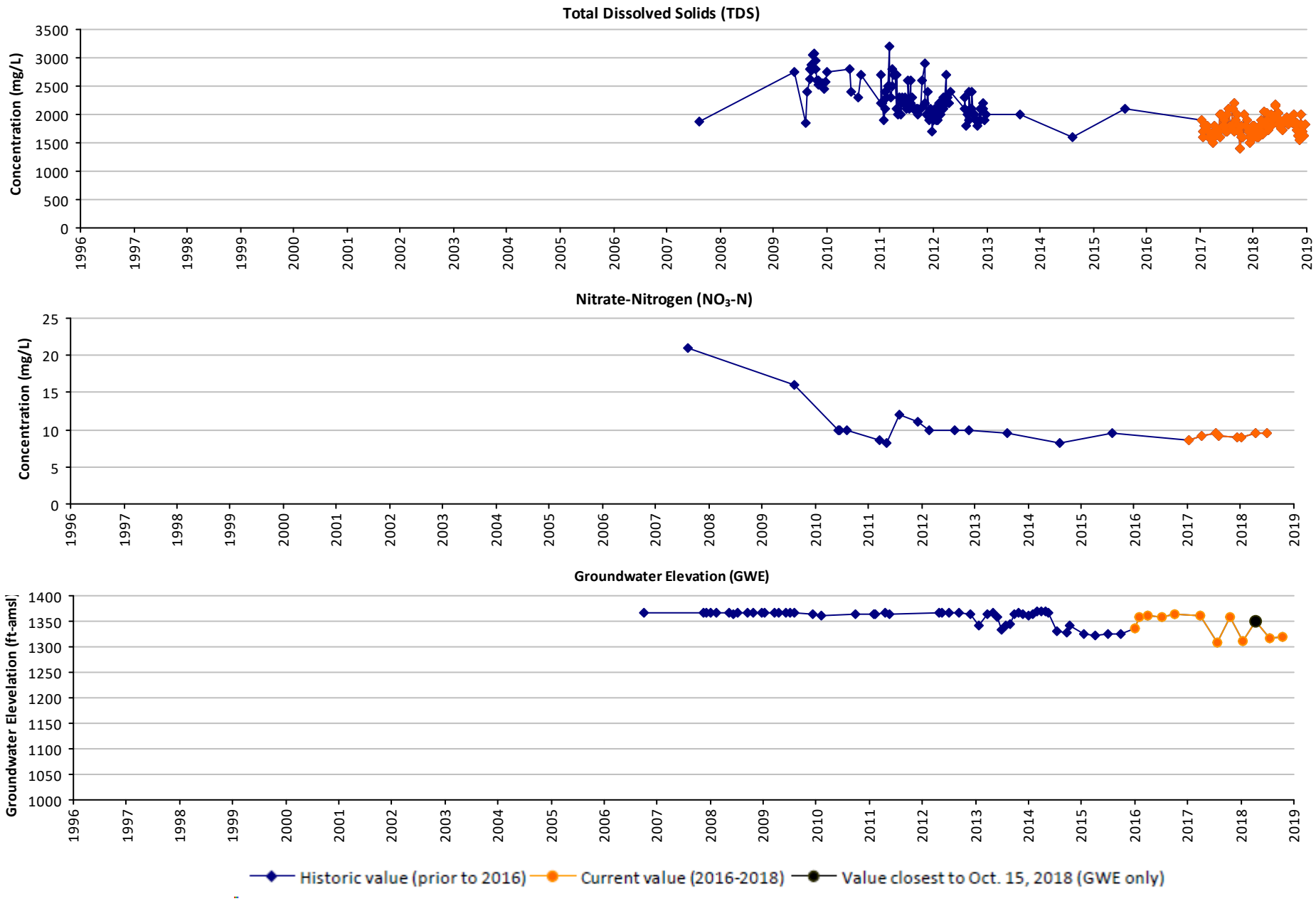
2015
2016
2017
2018
2019

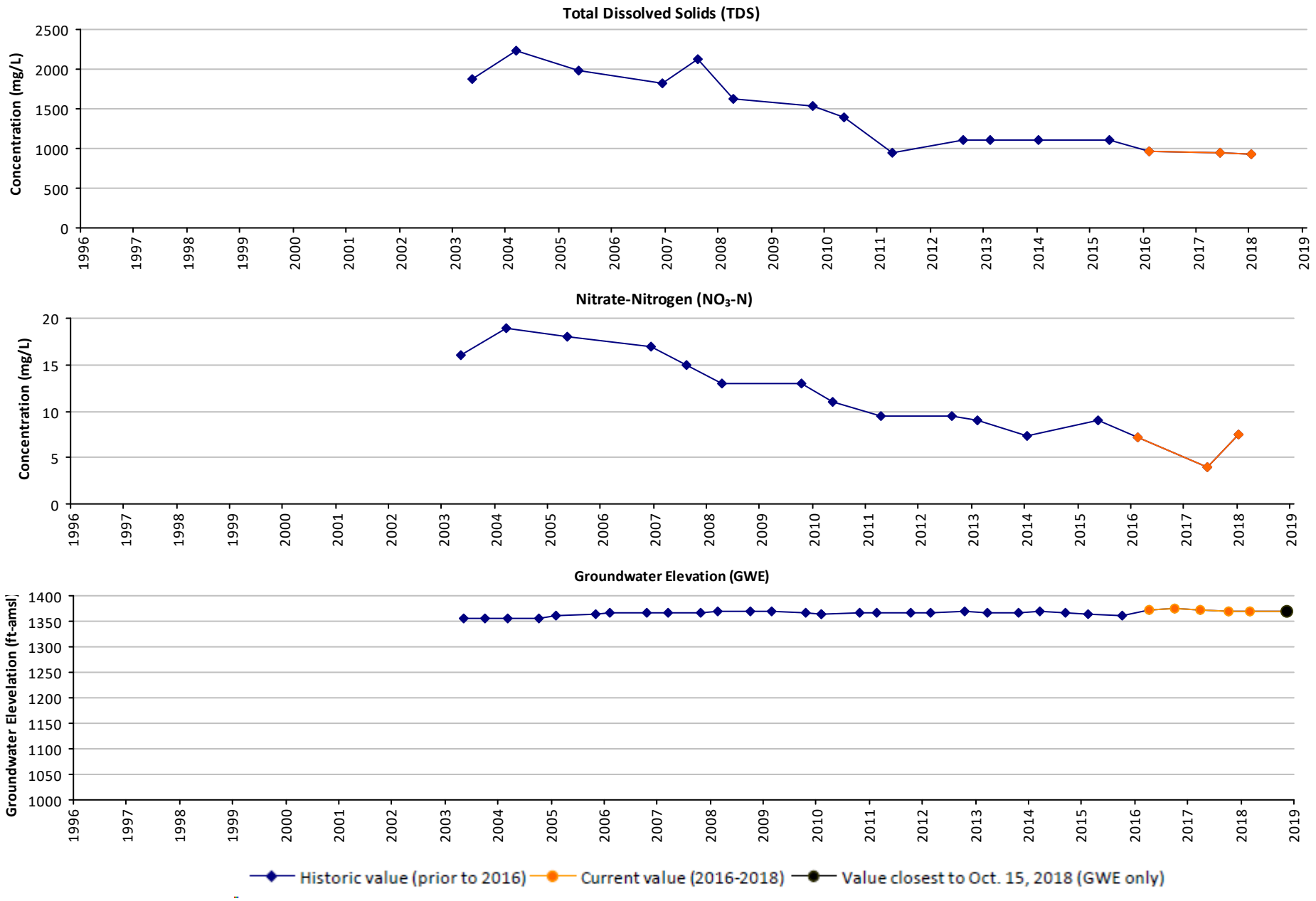

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

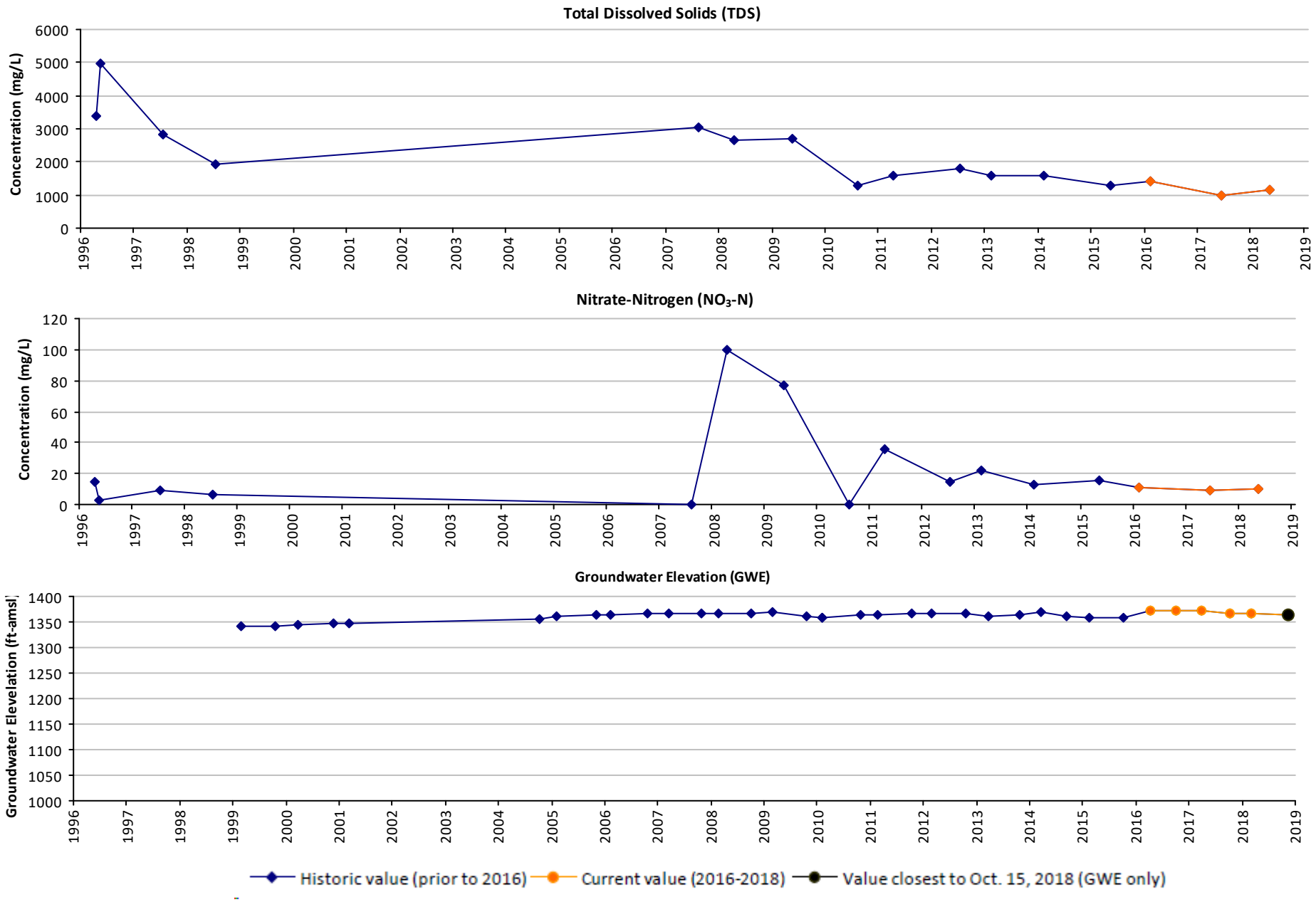

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

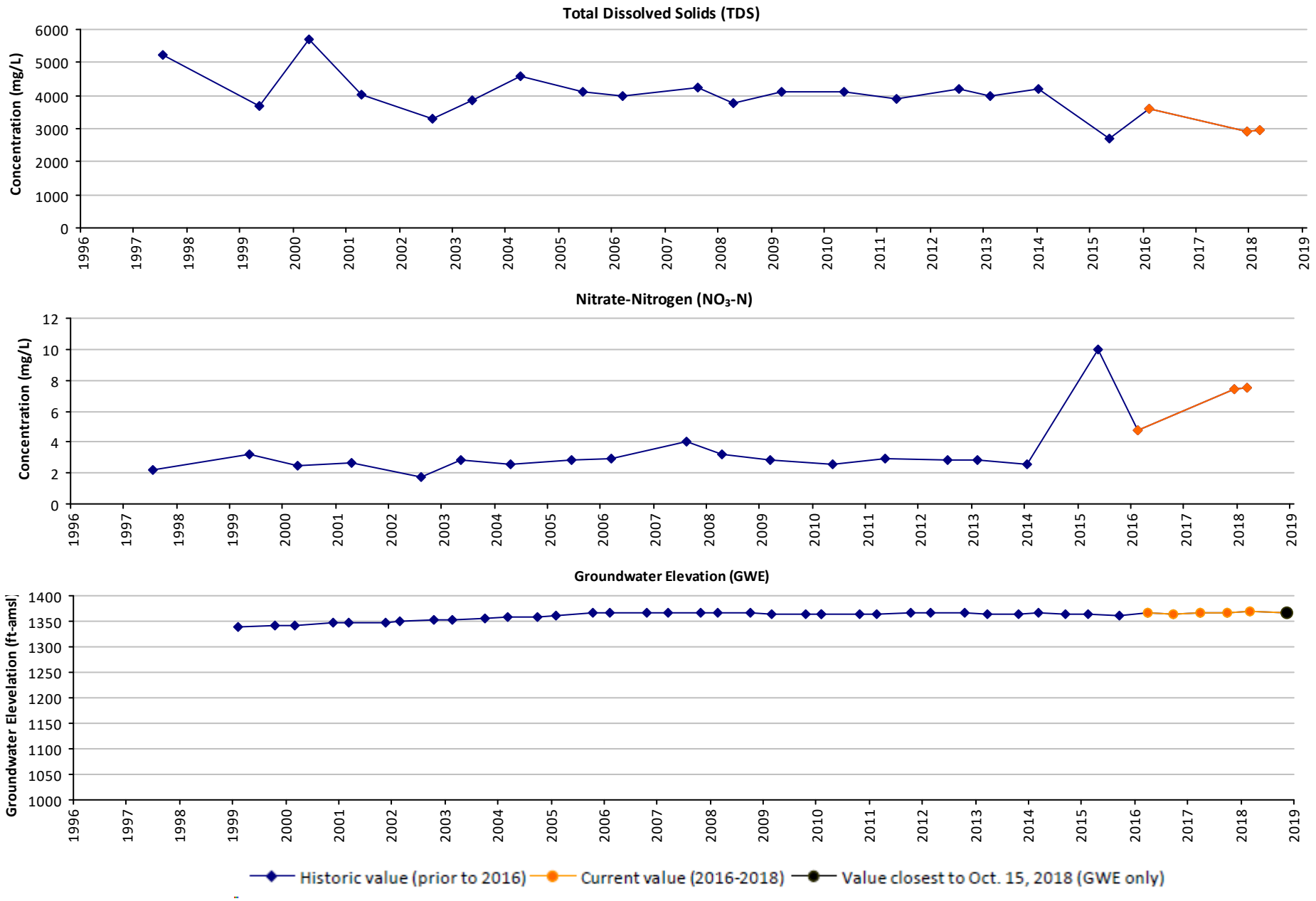

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

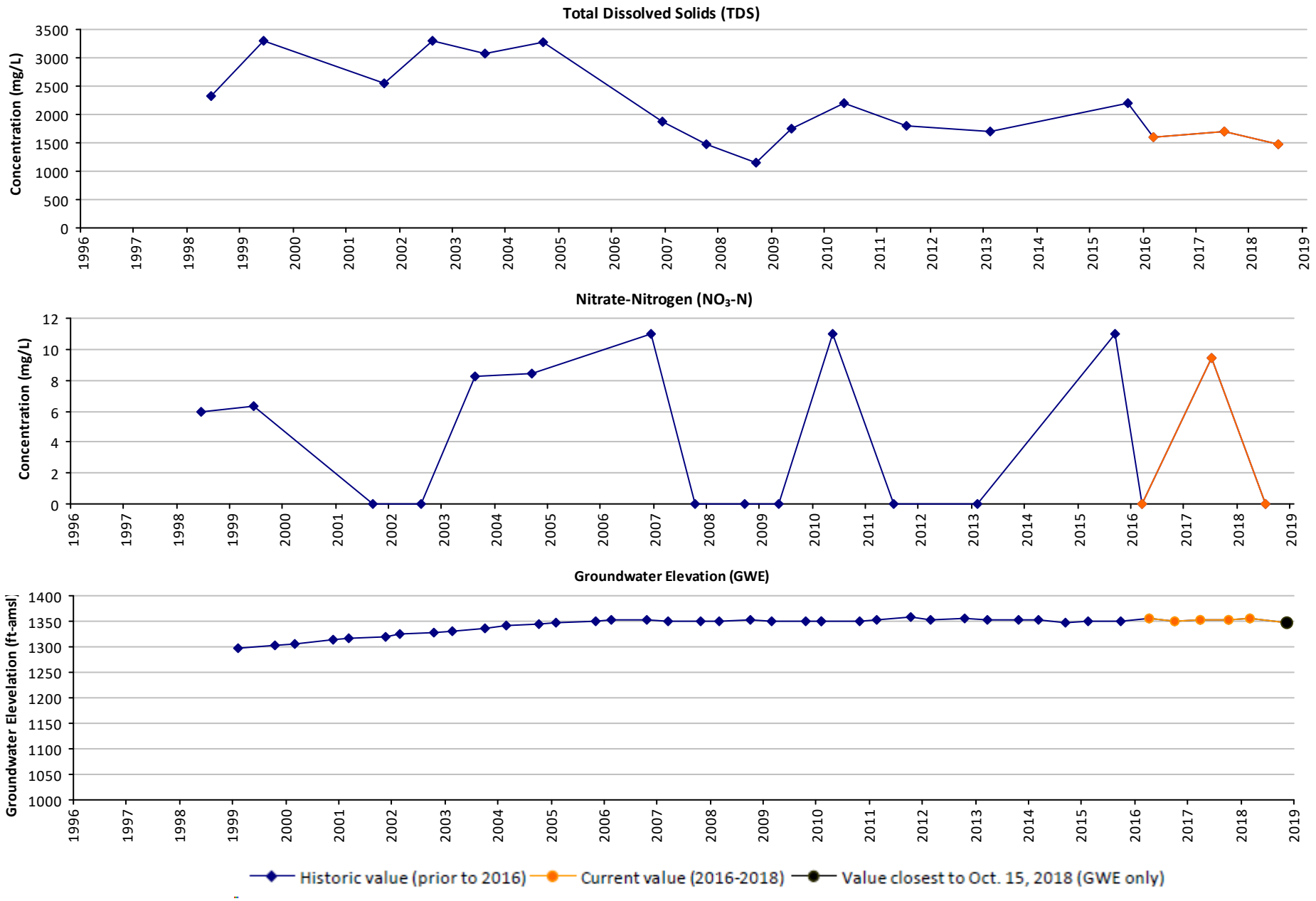

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

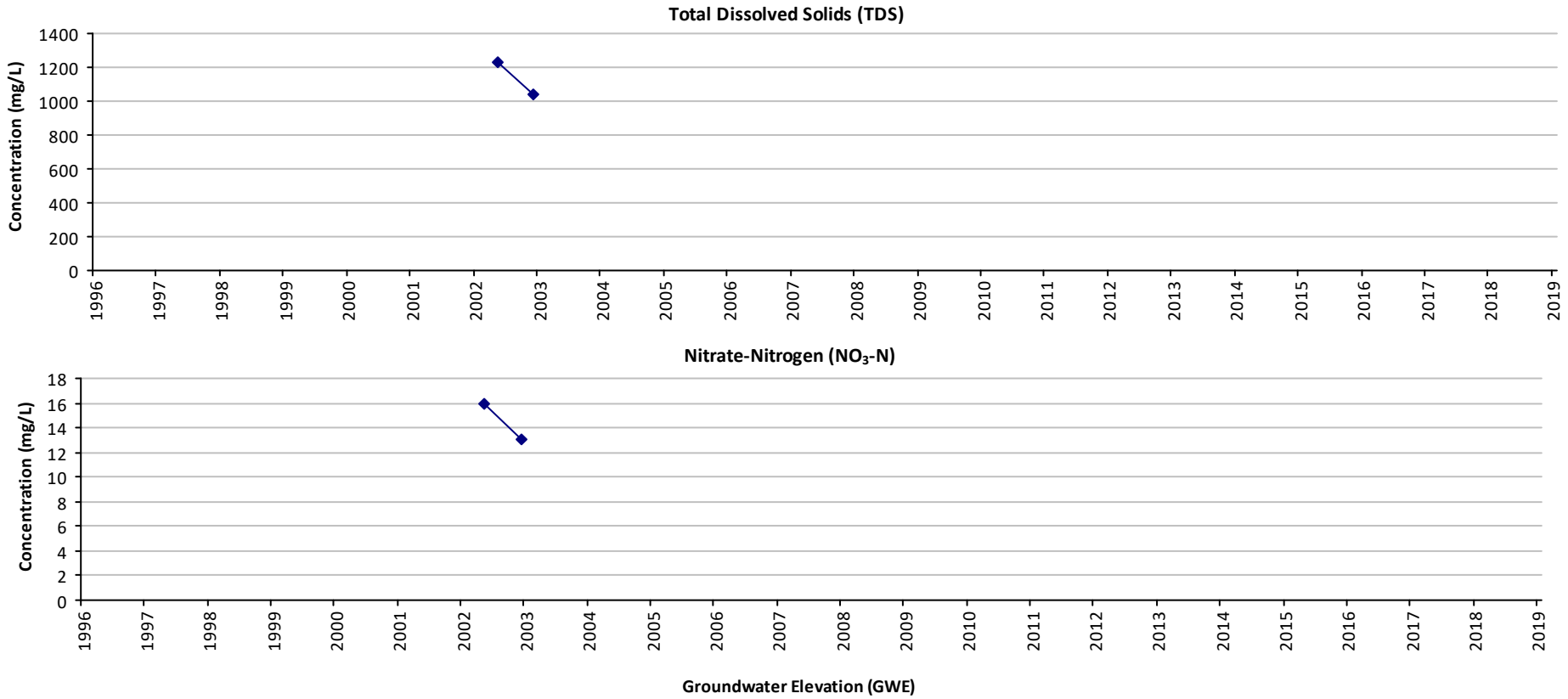

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

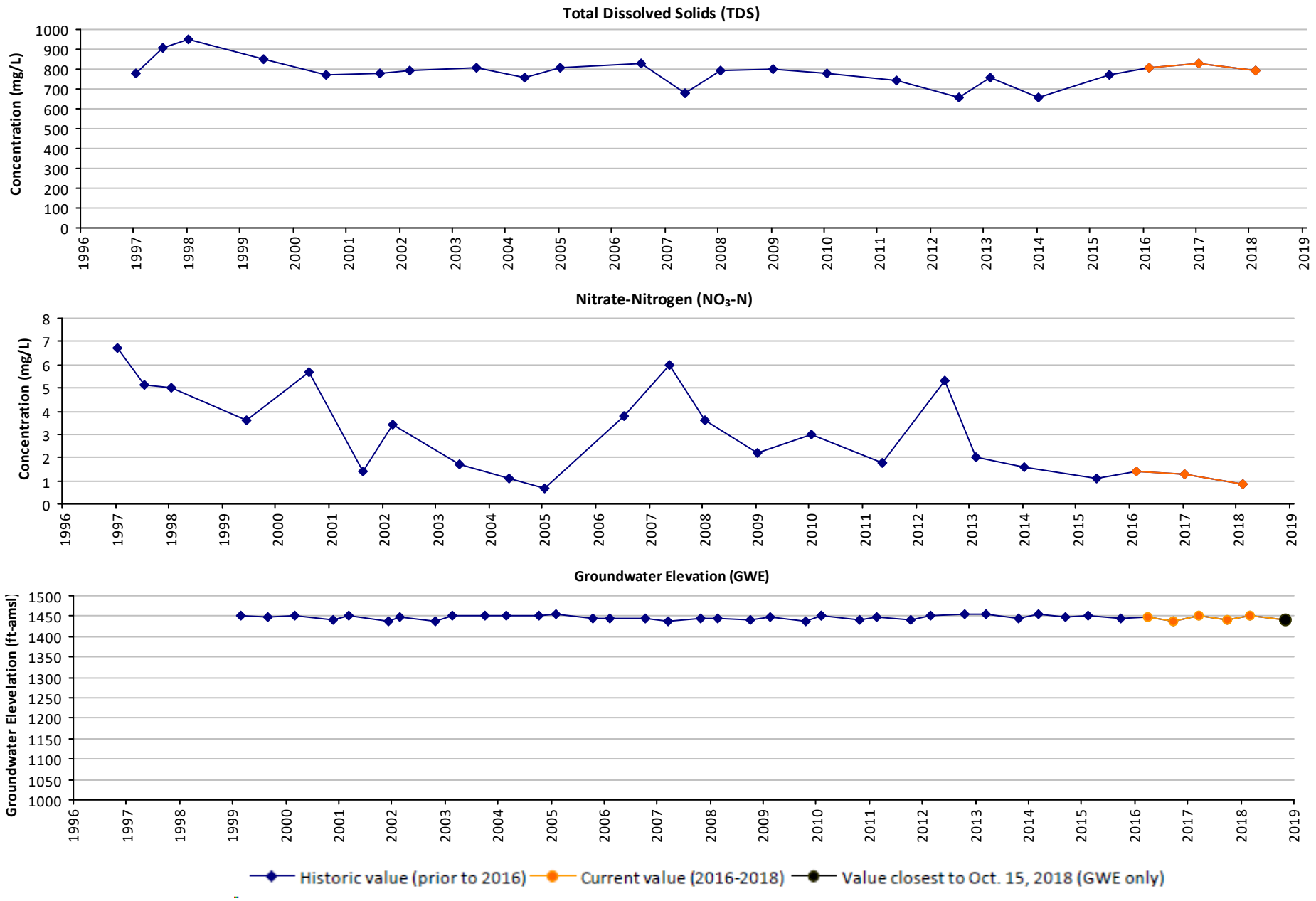

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

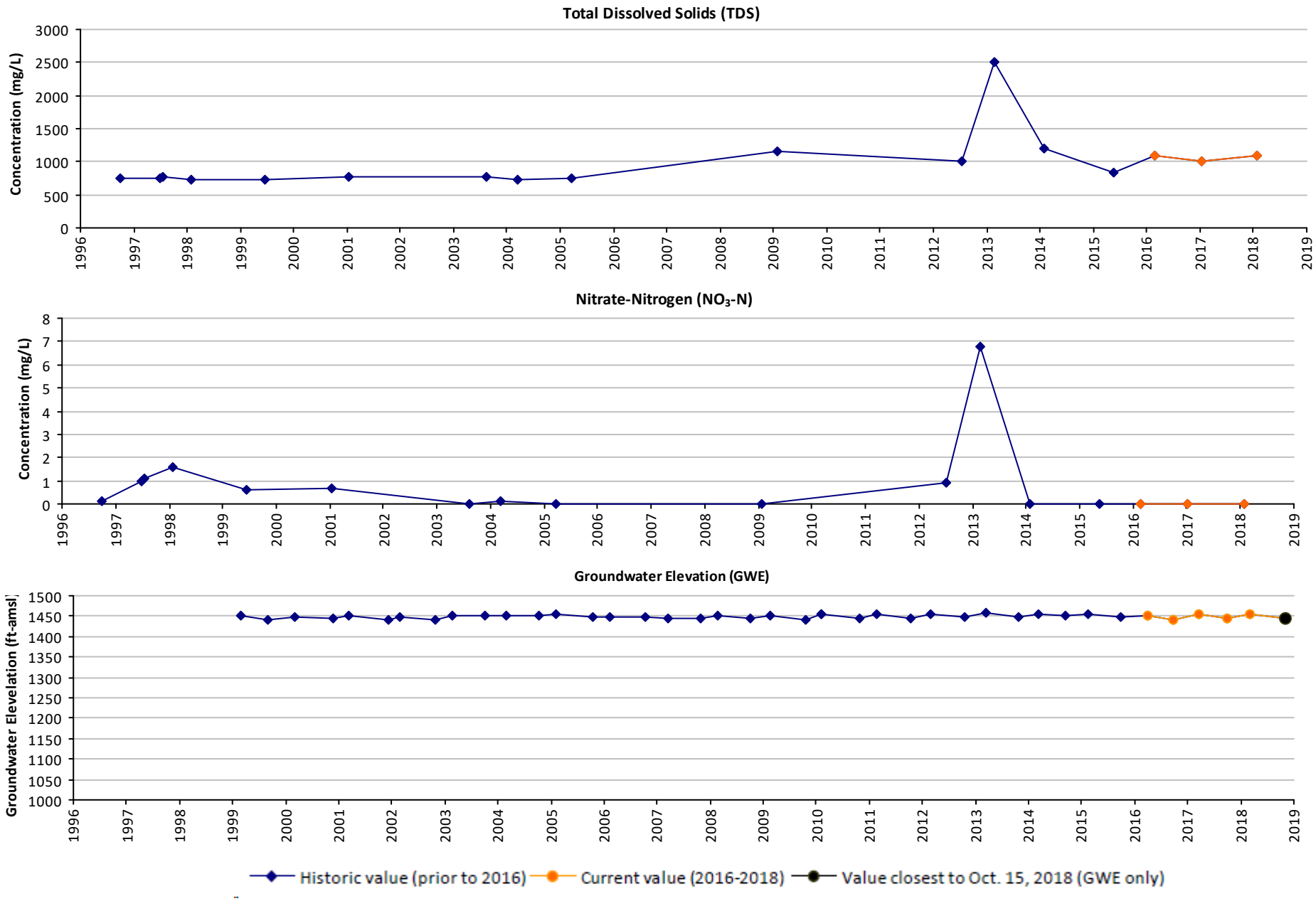

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

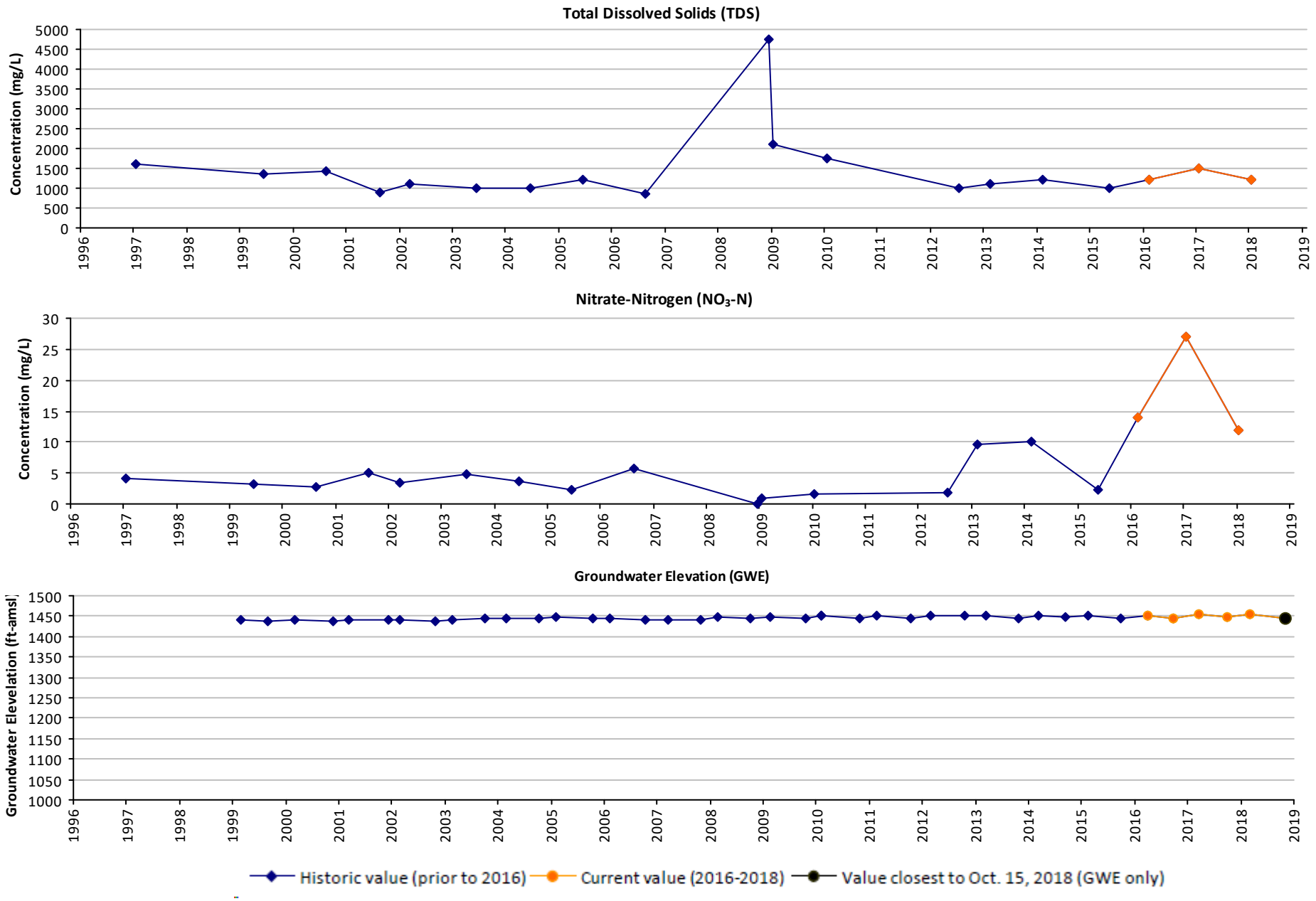

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

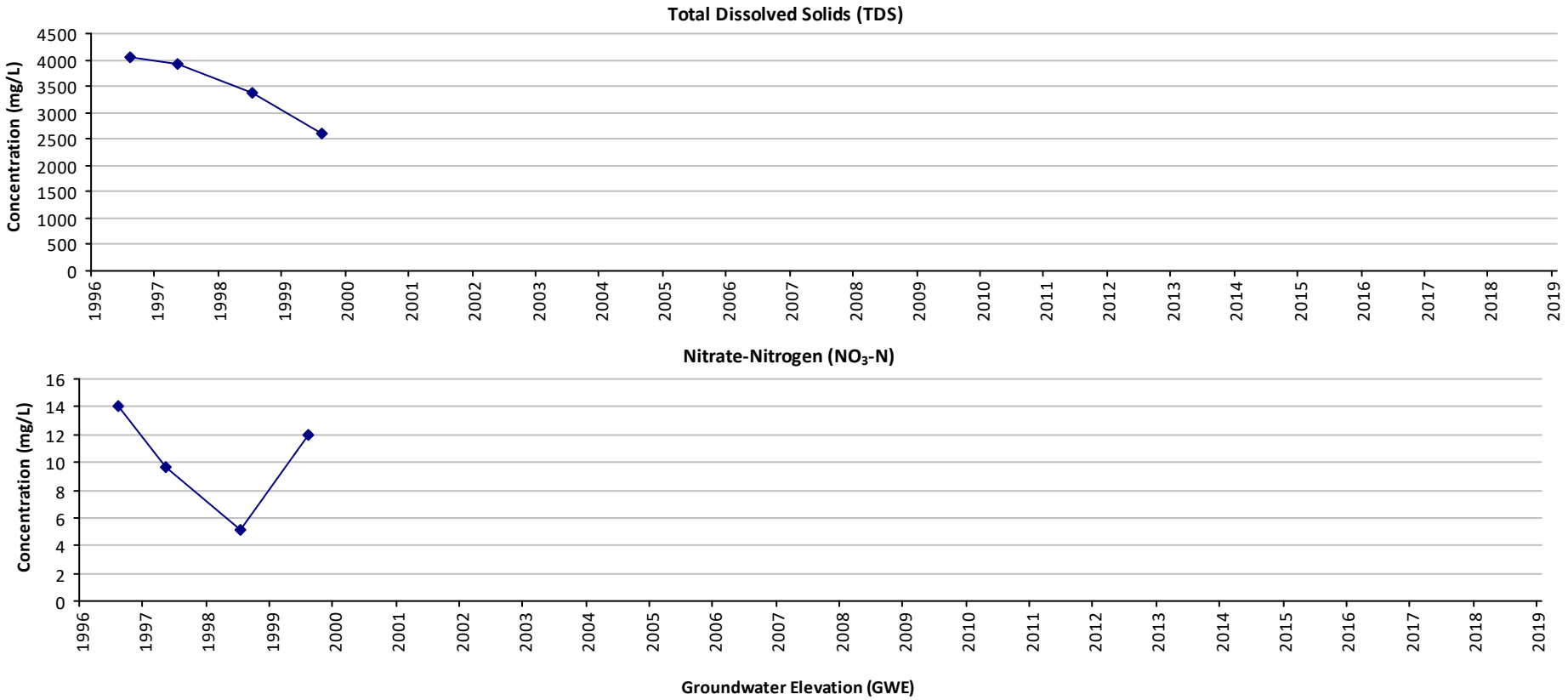

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

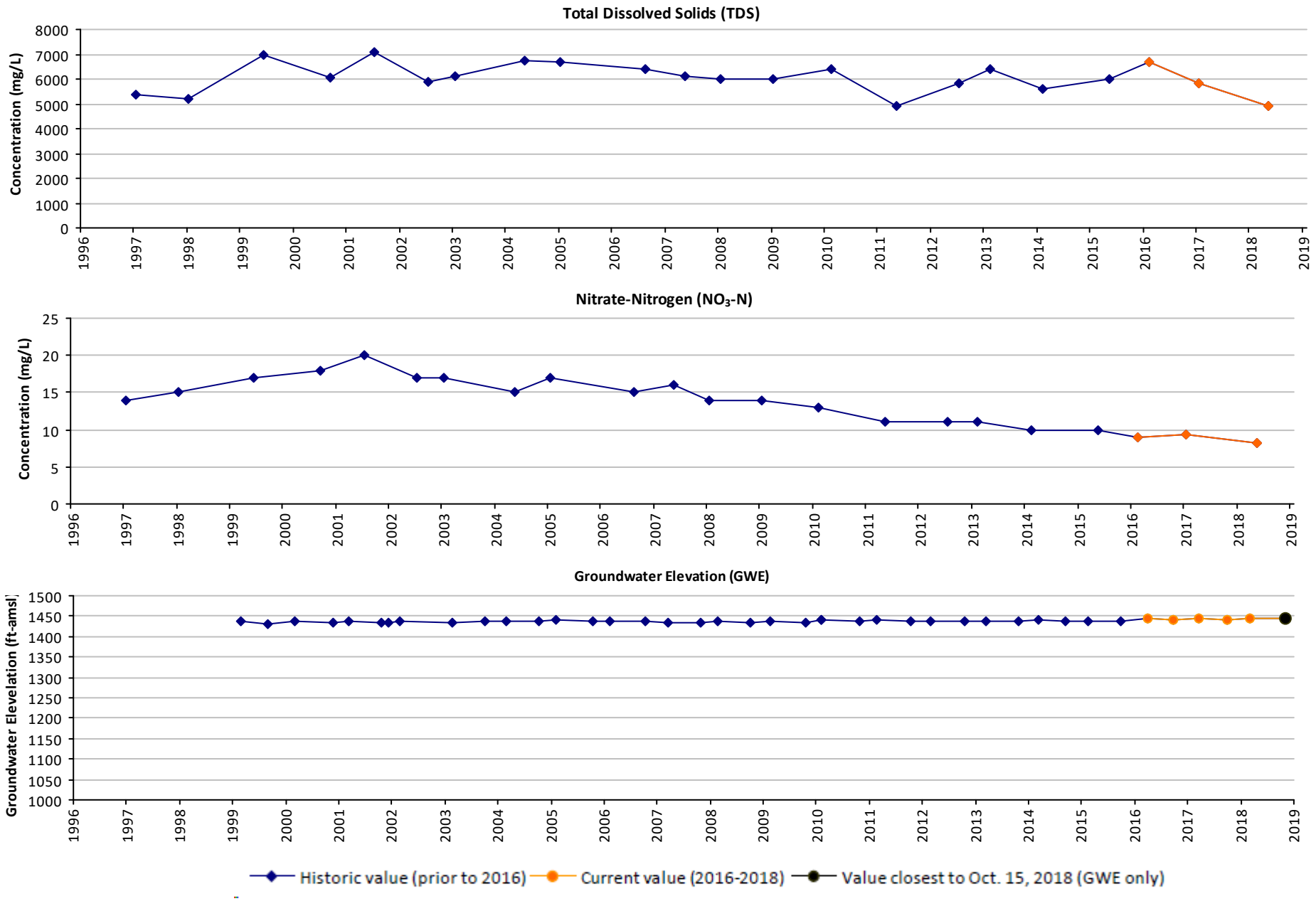

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

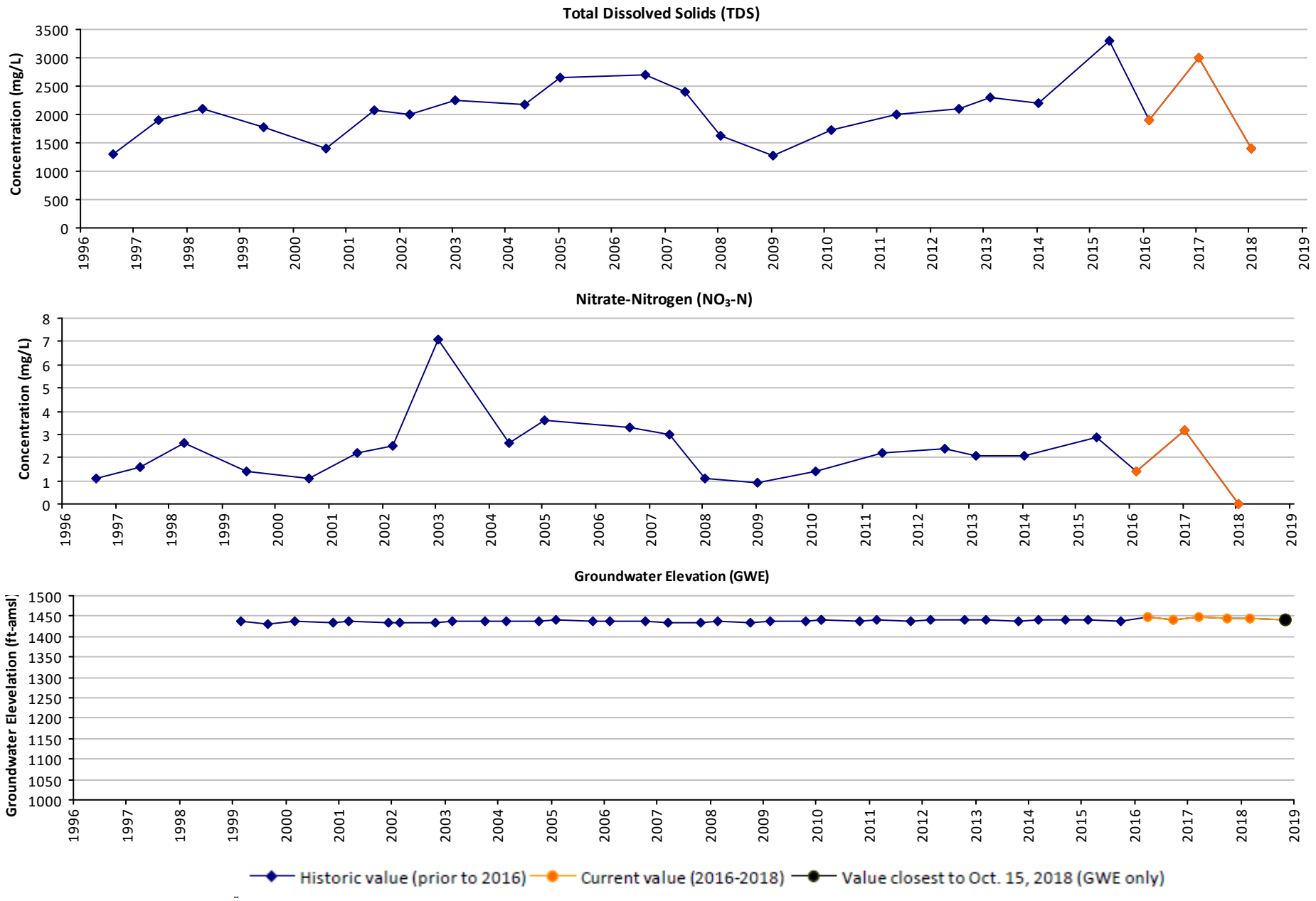

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

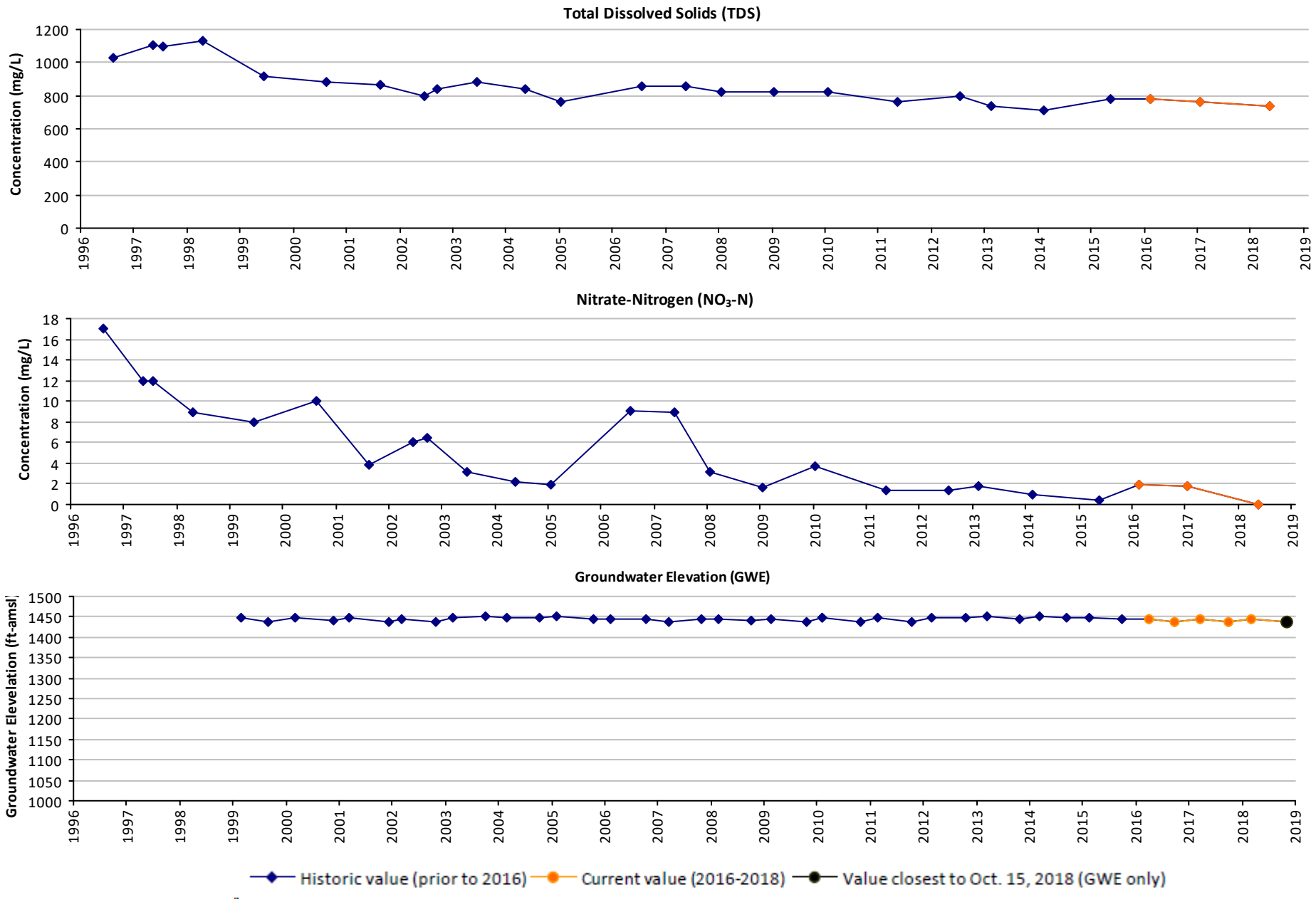

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

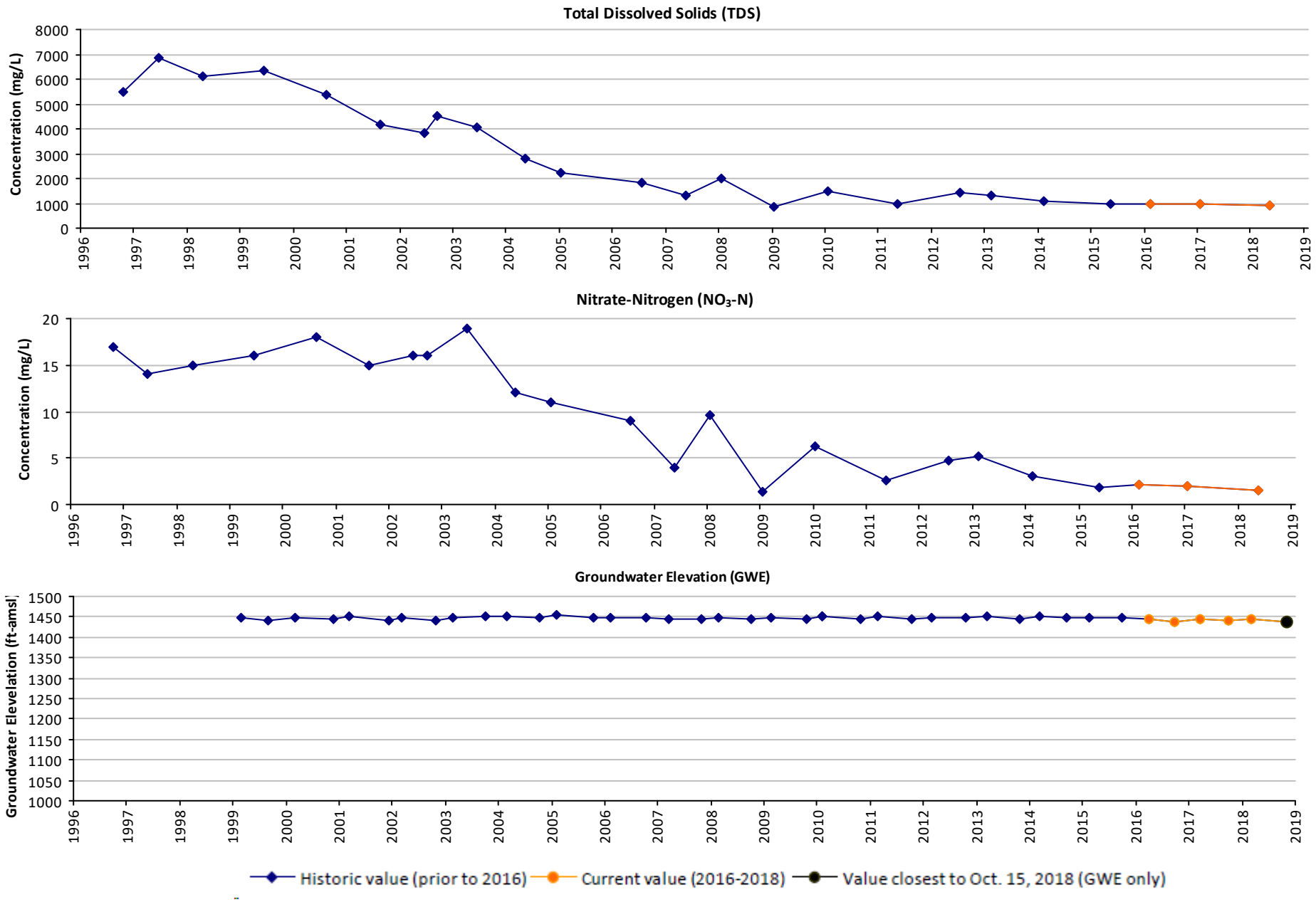

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

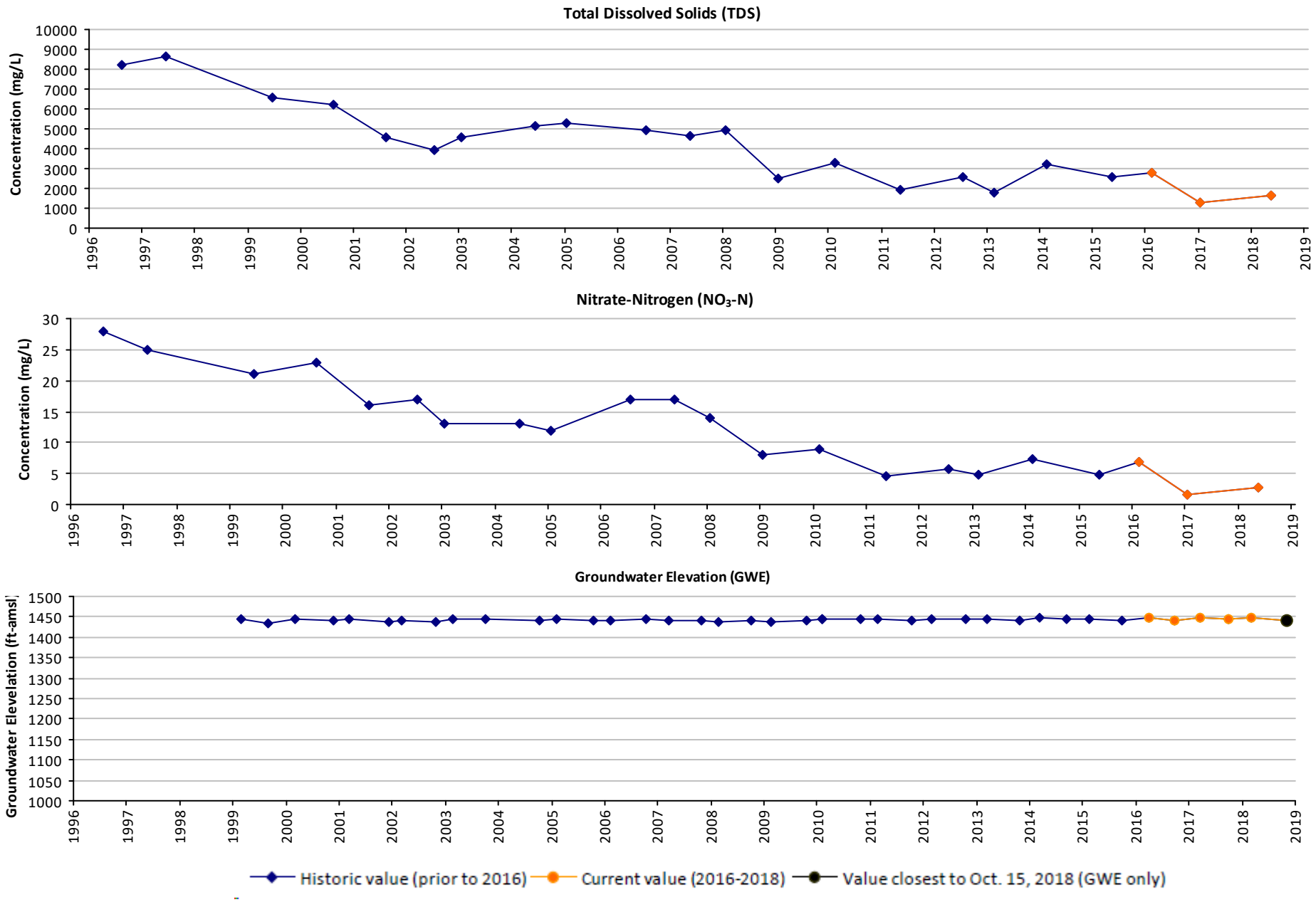

Total Dissolved Solids (TDS)
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

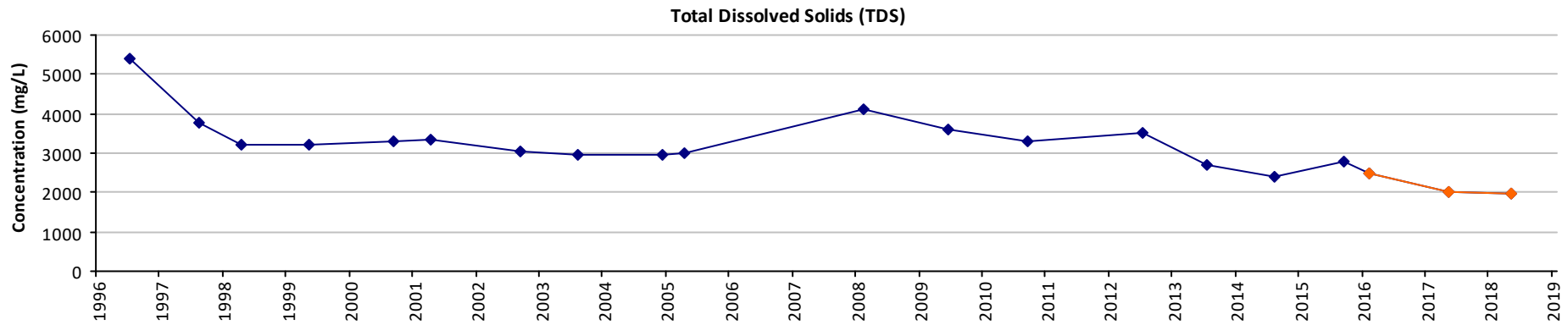

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

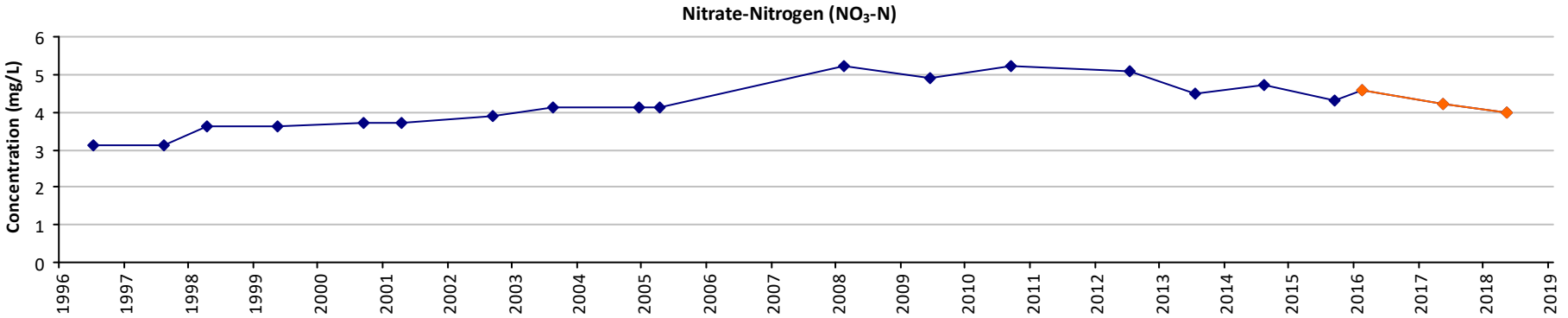

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

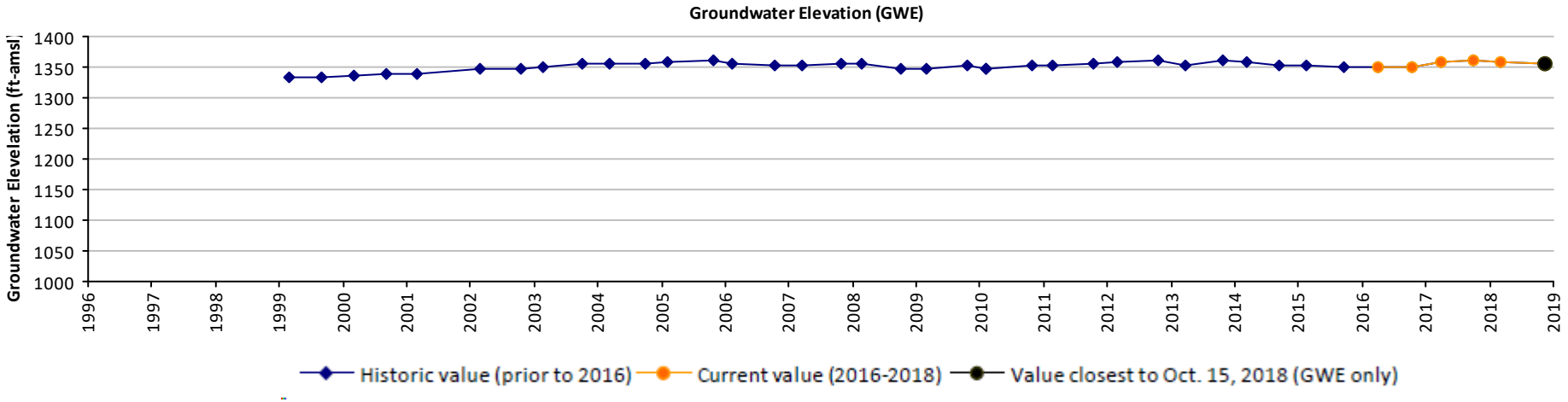

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

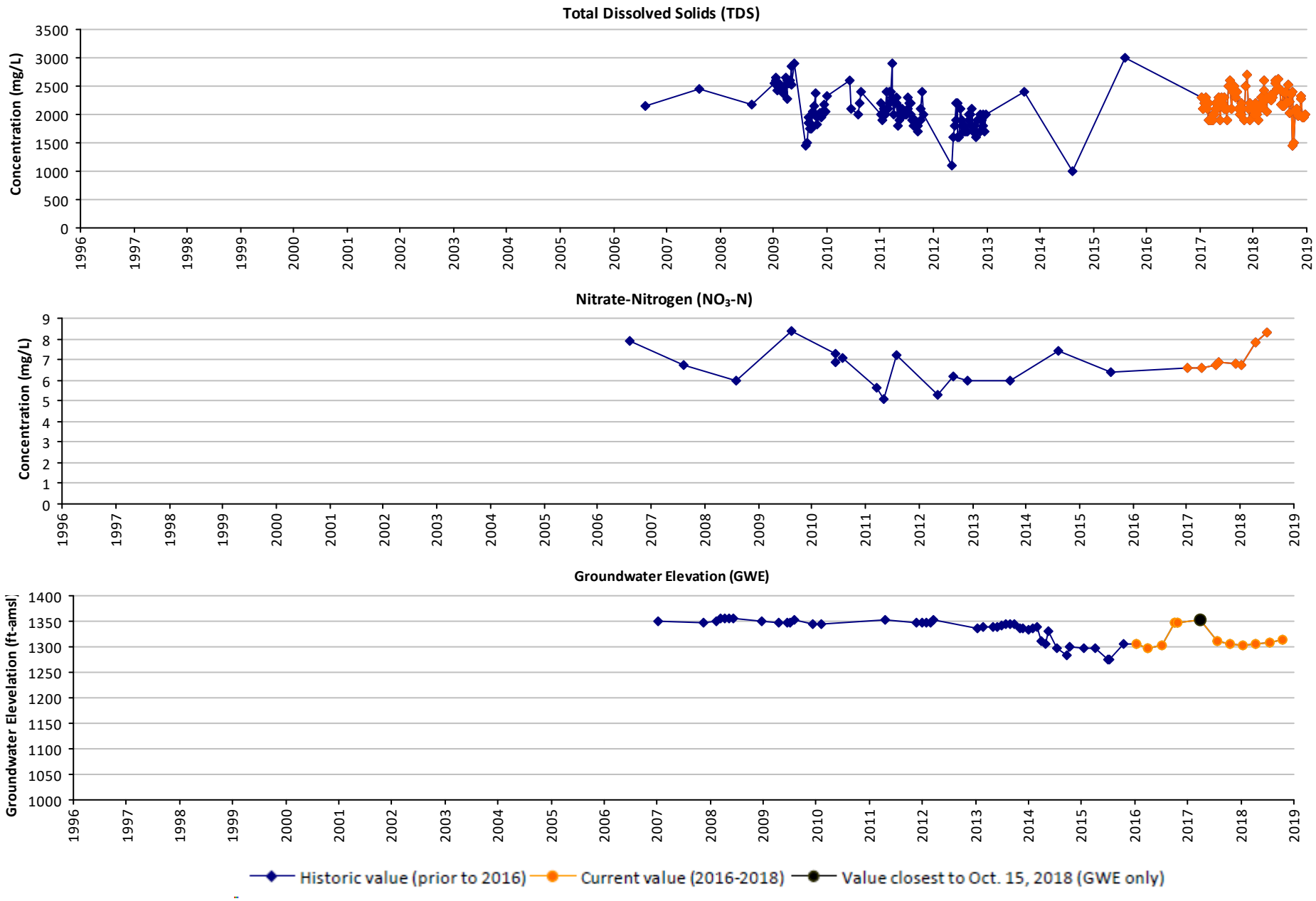

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

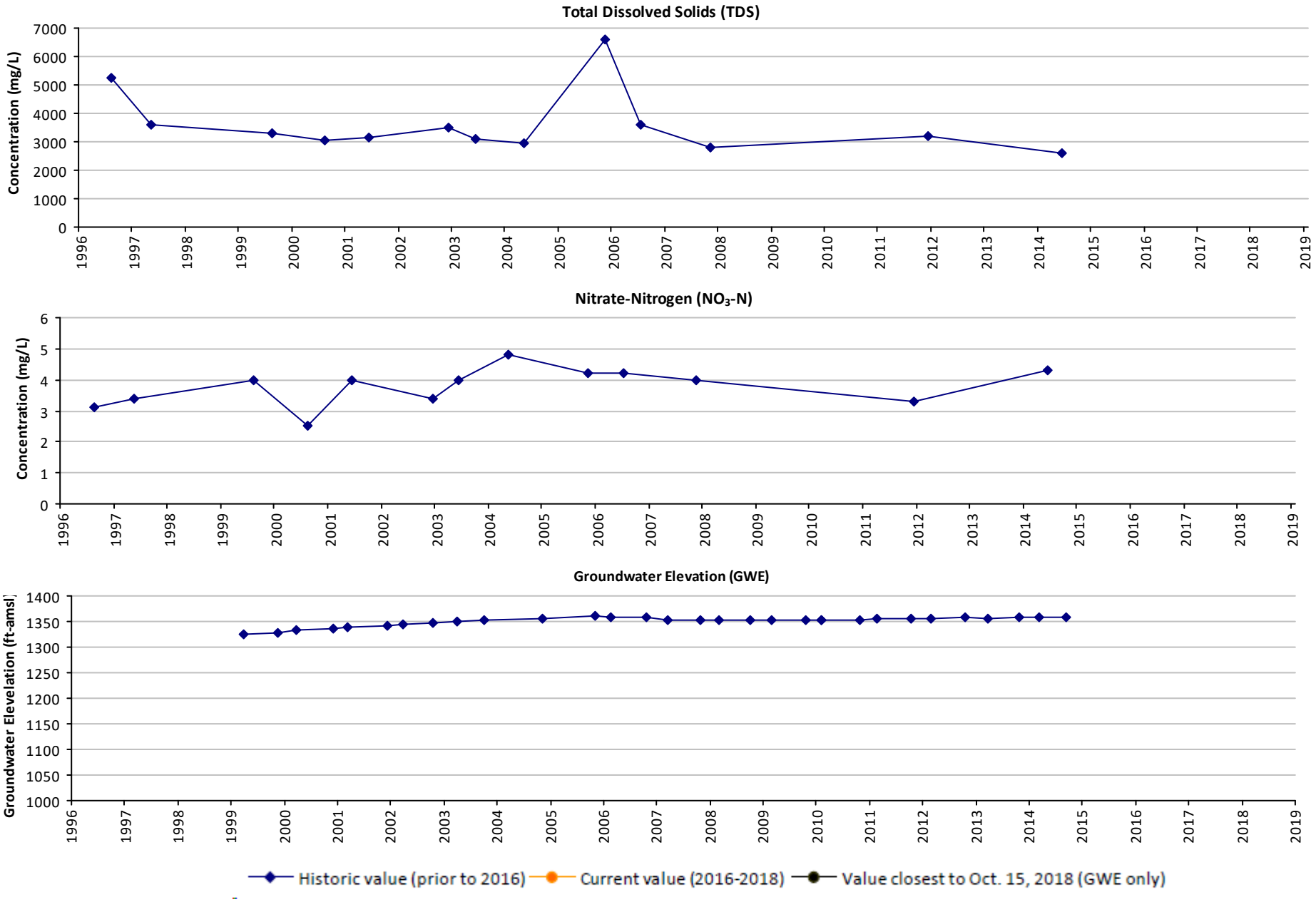

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

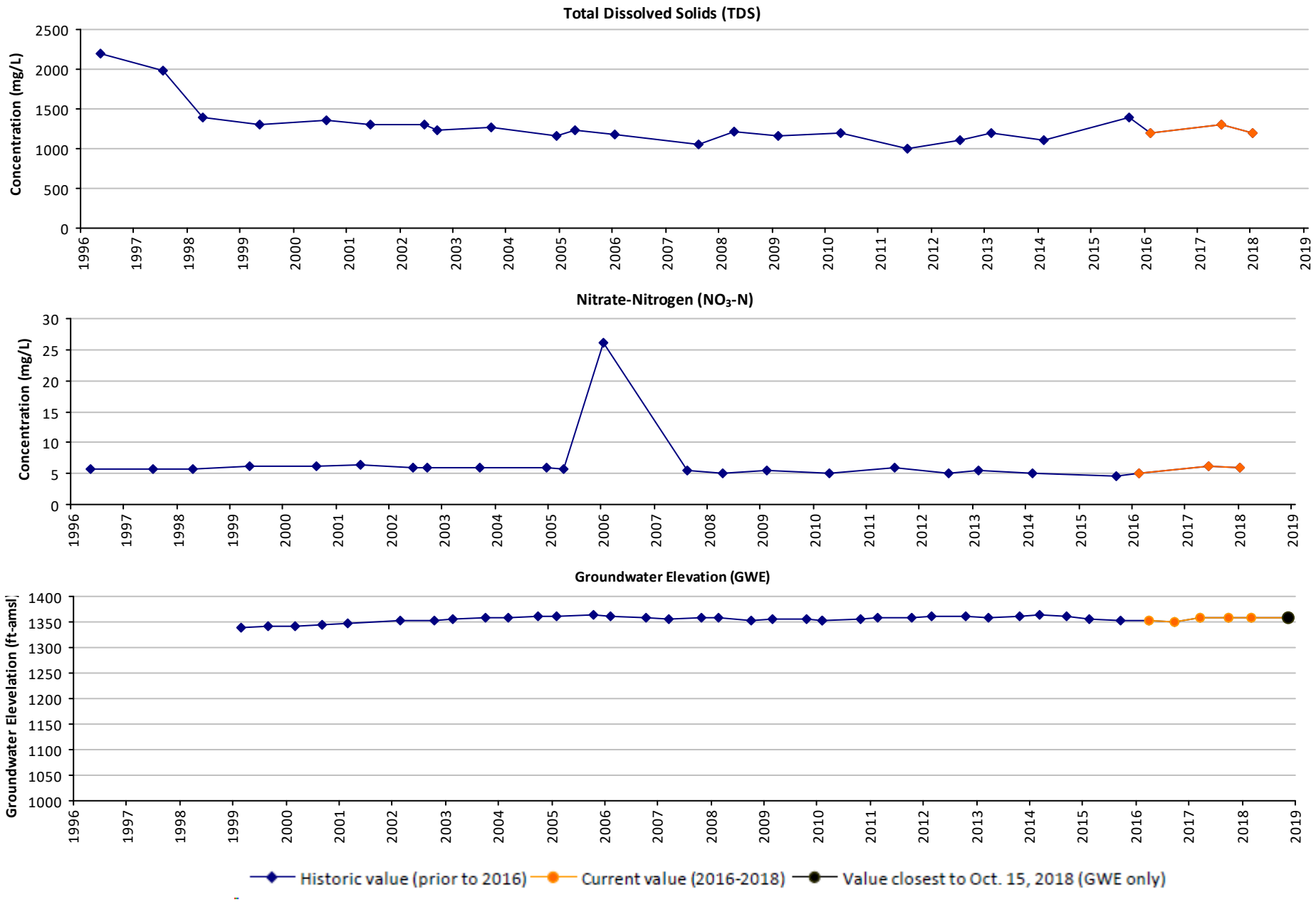

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
1000
2000
3000
4000
5000
6000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

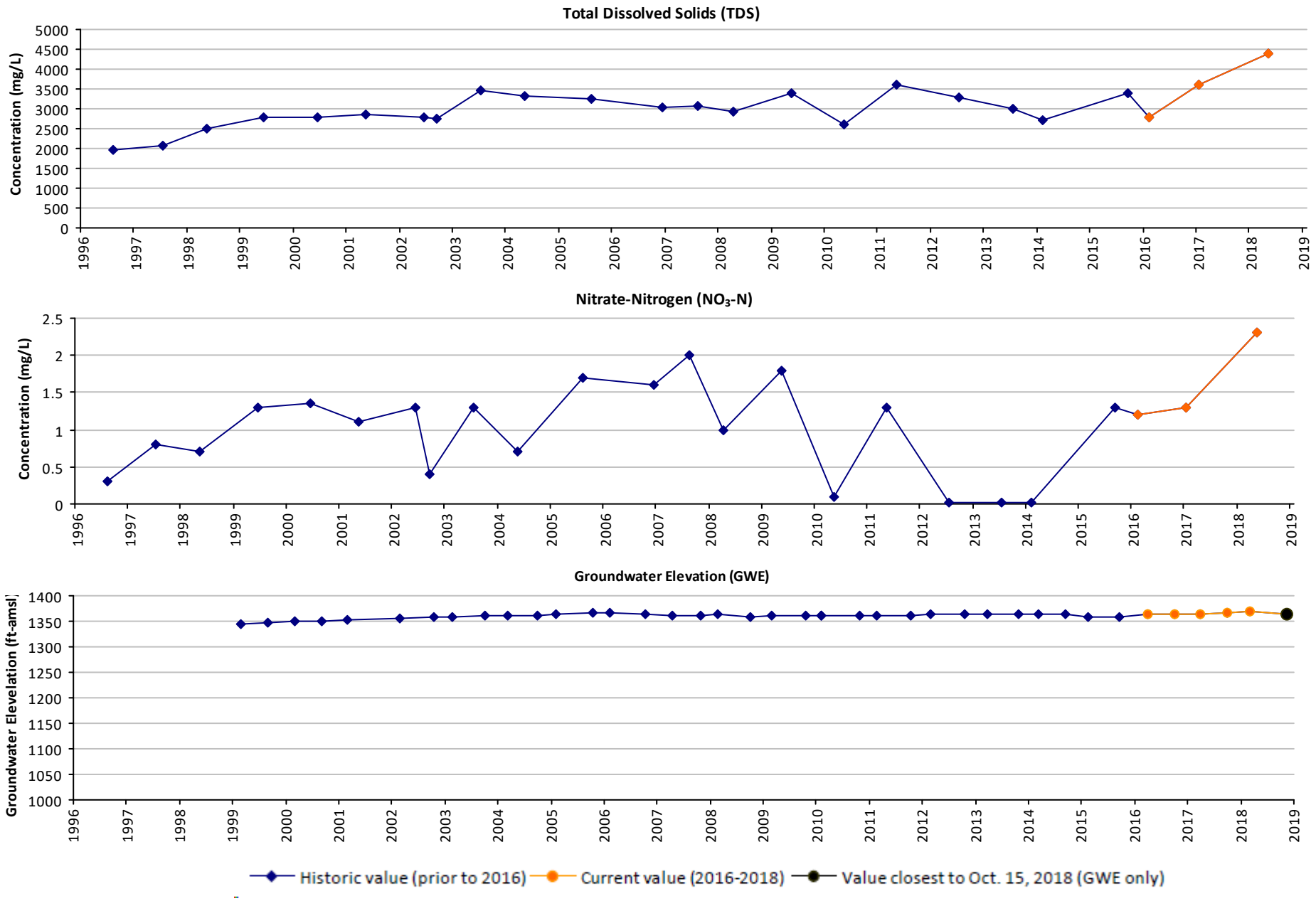

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

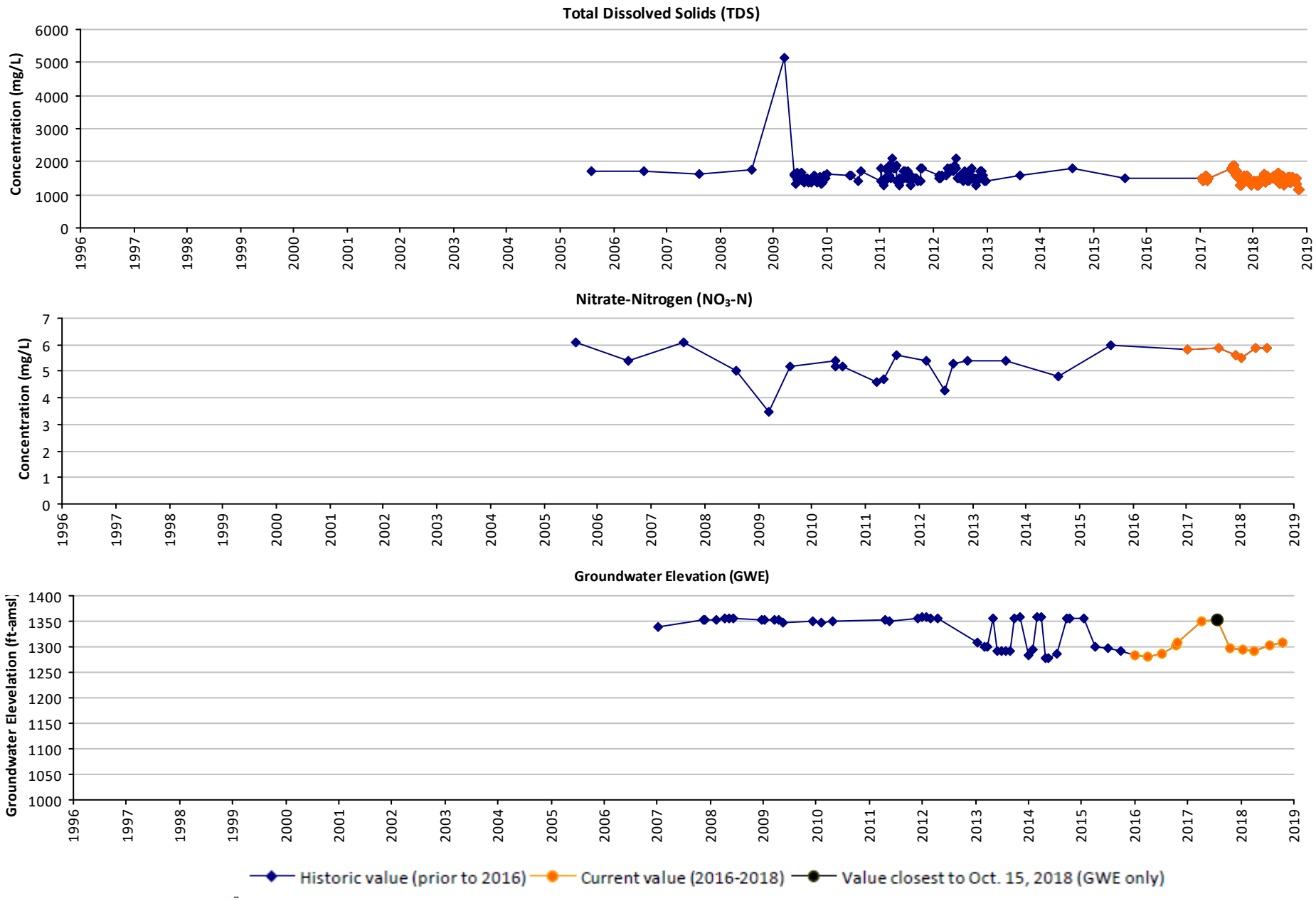

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

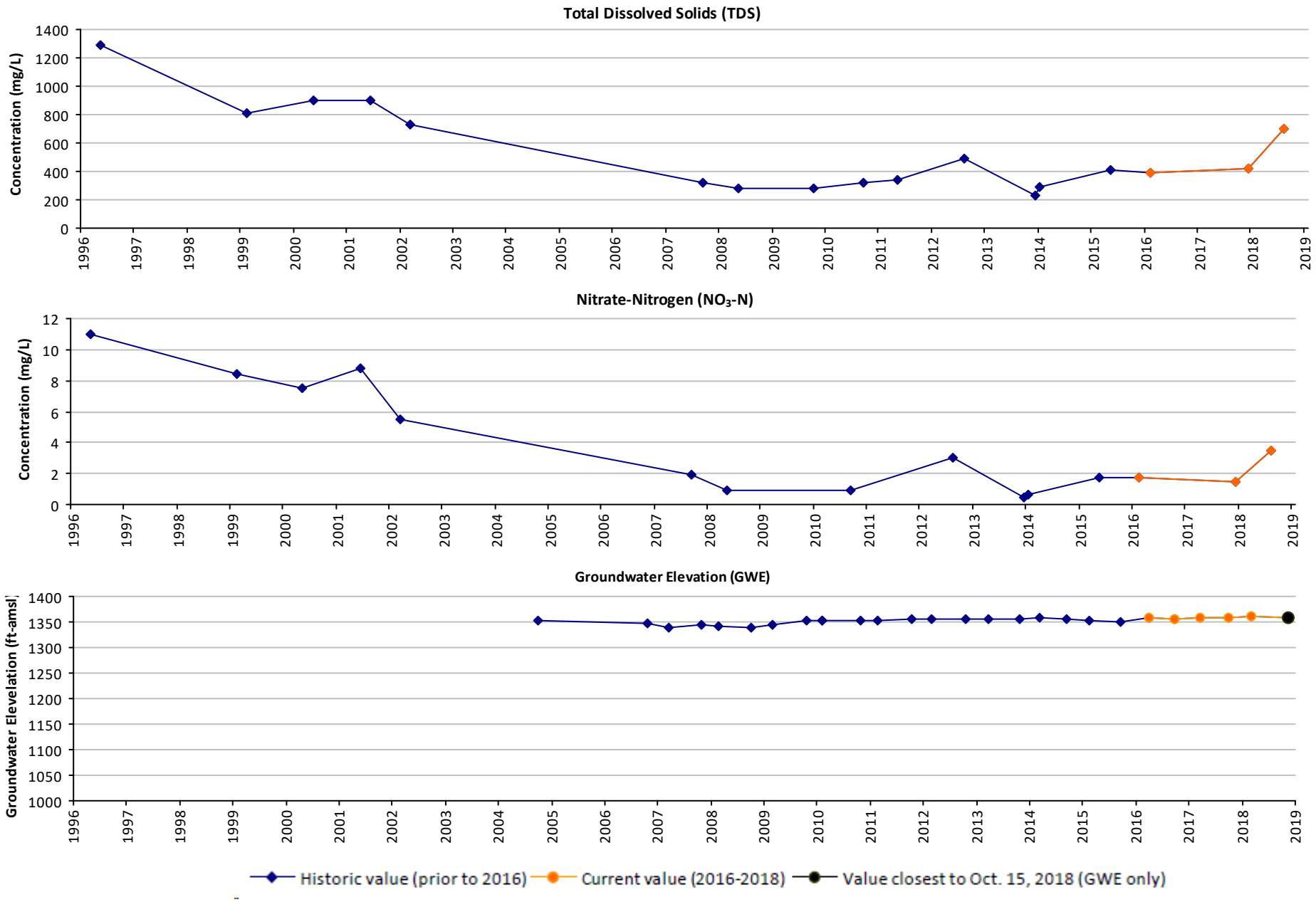

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

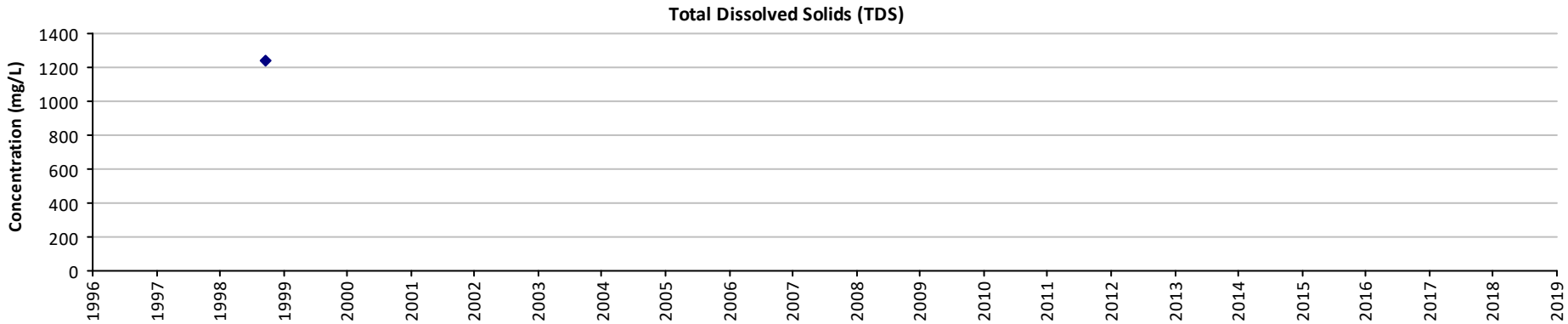

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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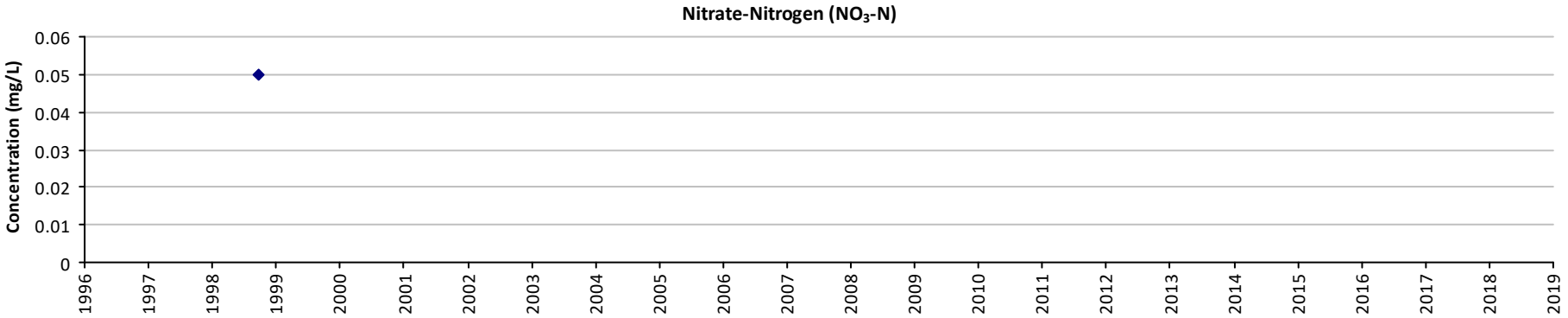
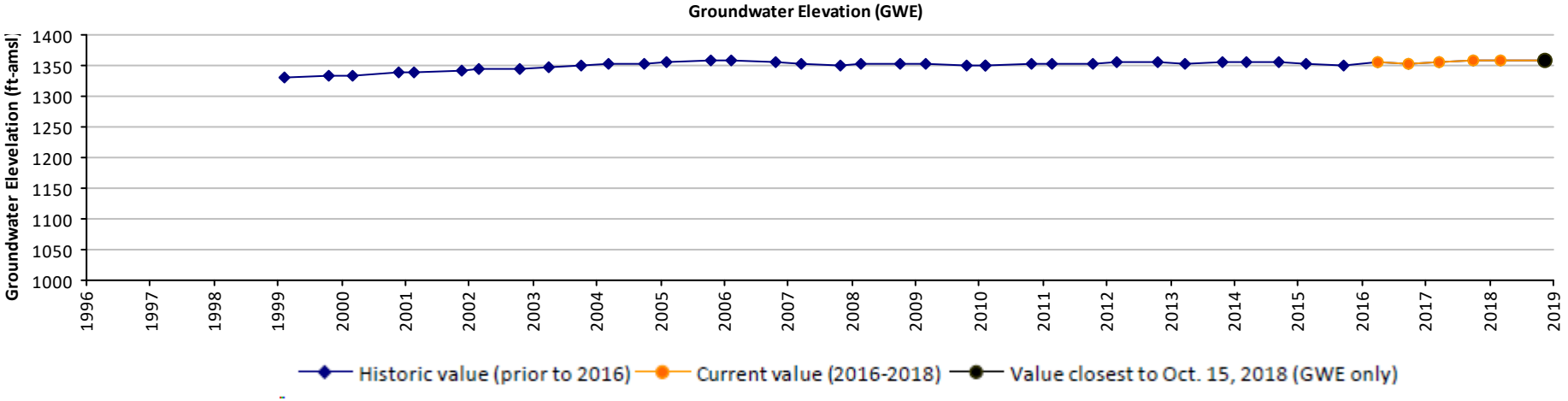
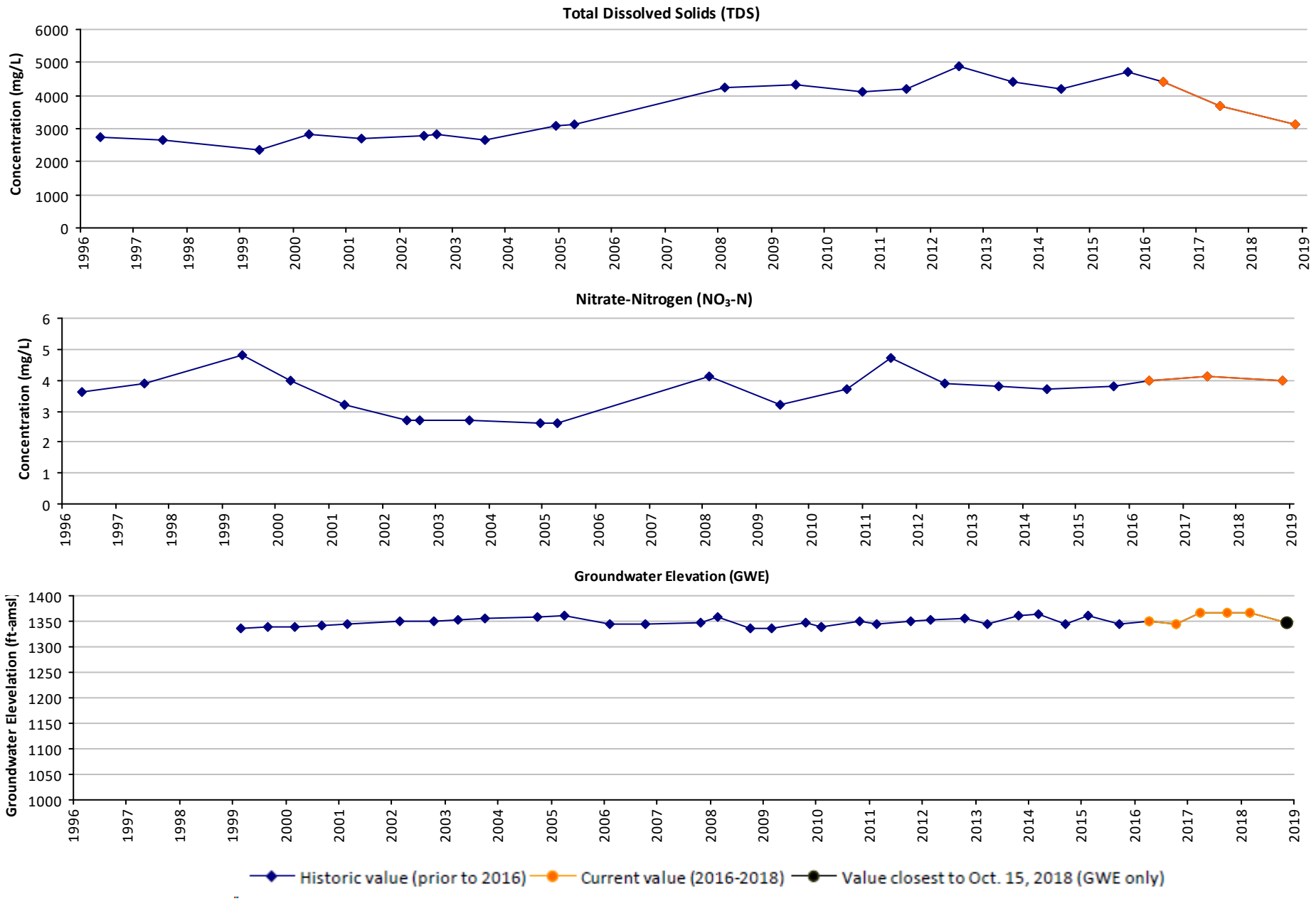
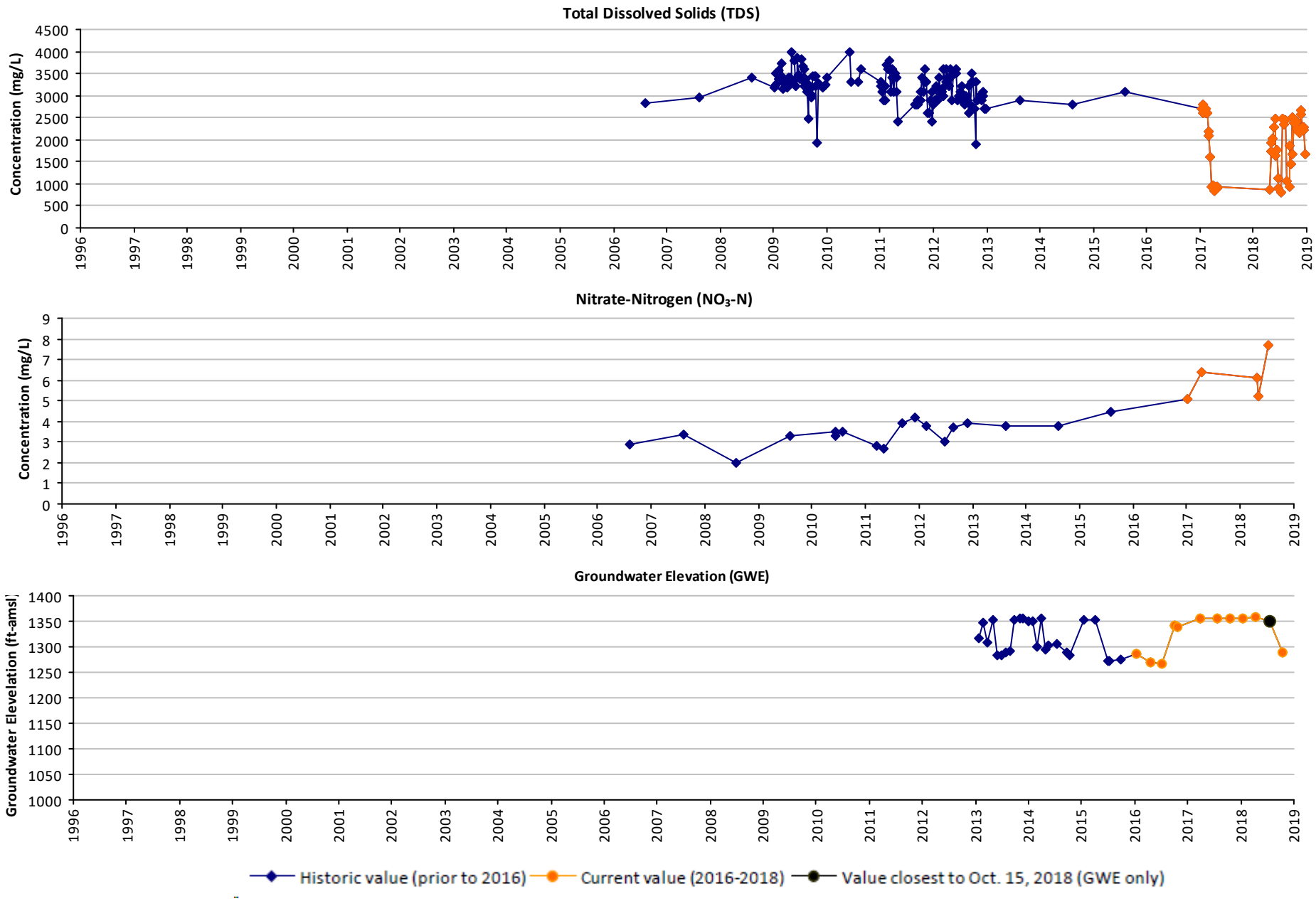
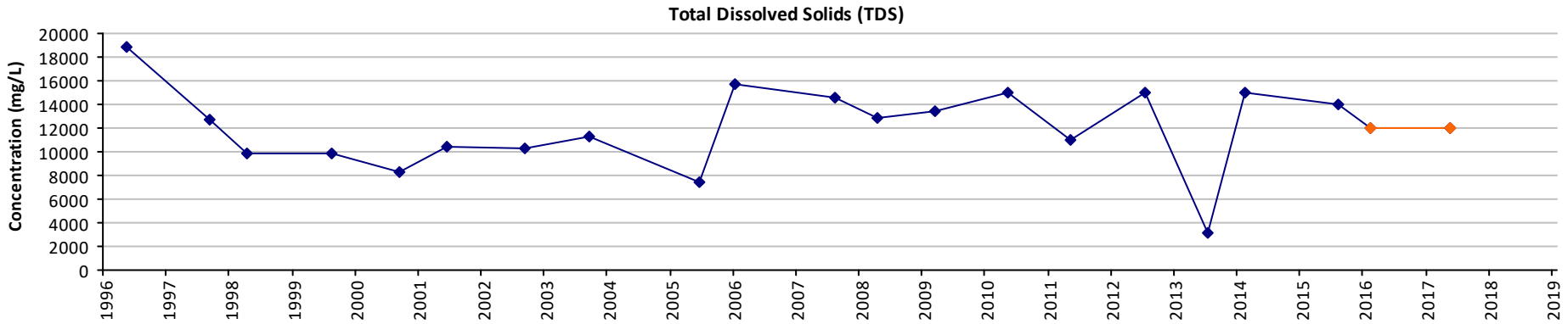
2011
2012
2013
2014
2015
2016
2017
2018
2019

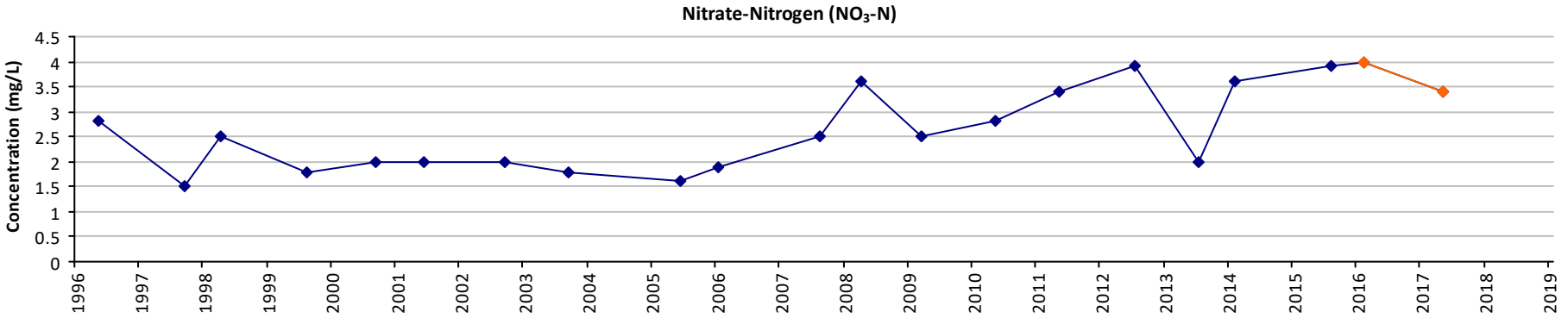

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.06
0.05
0.04
0.03
0.02
0.01
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

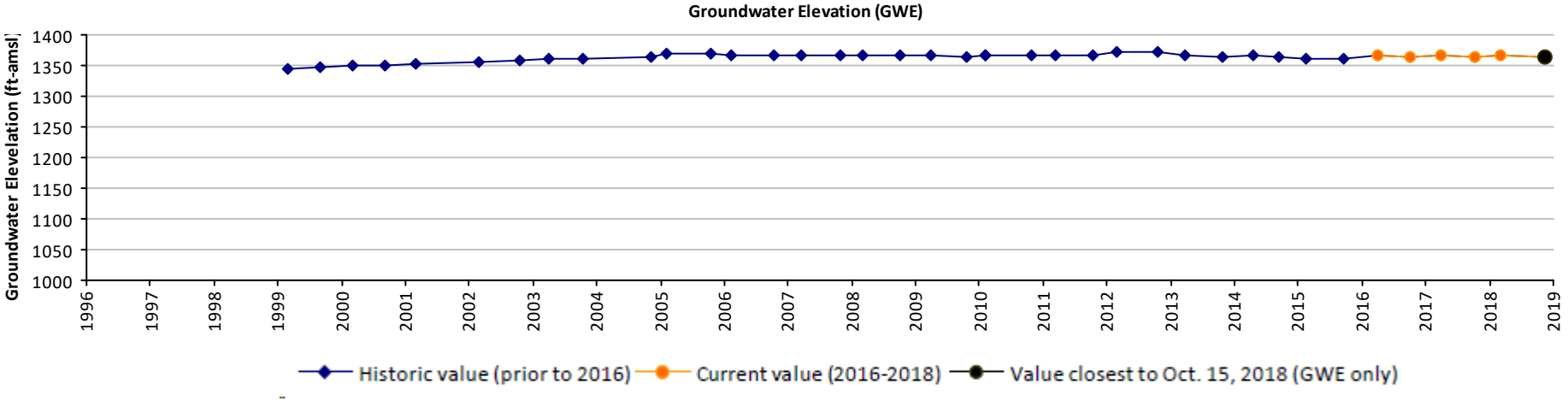

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

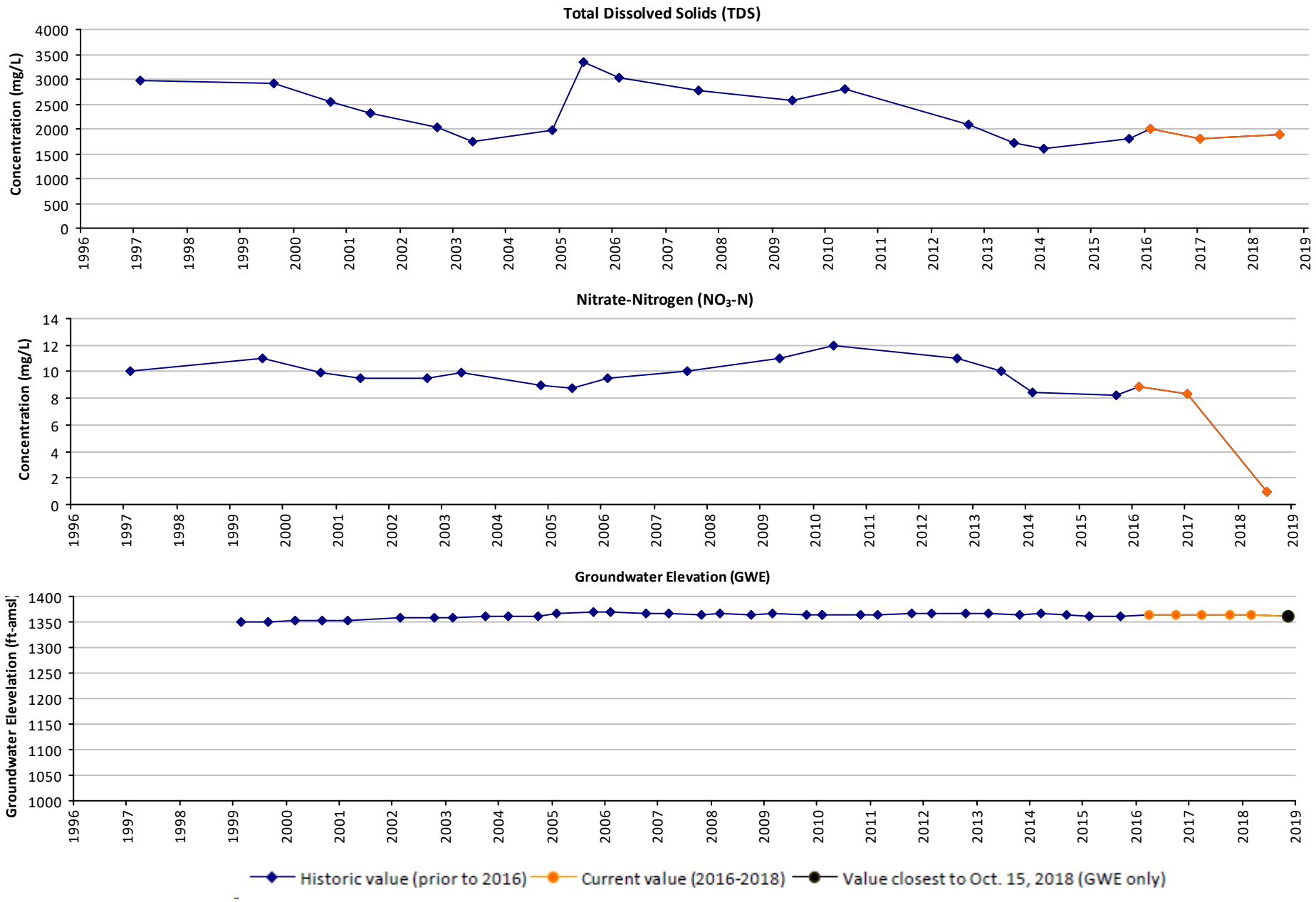

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

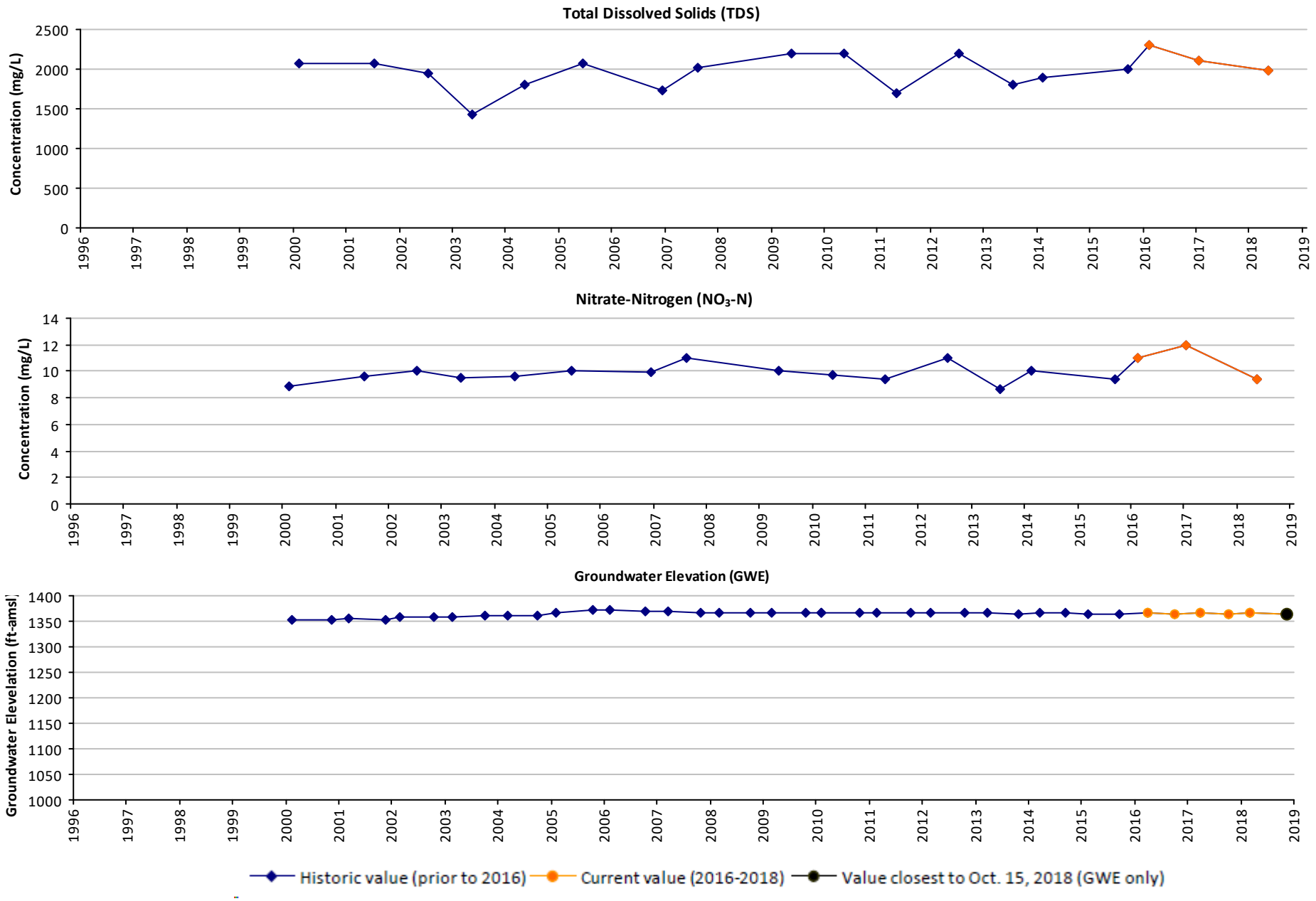

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

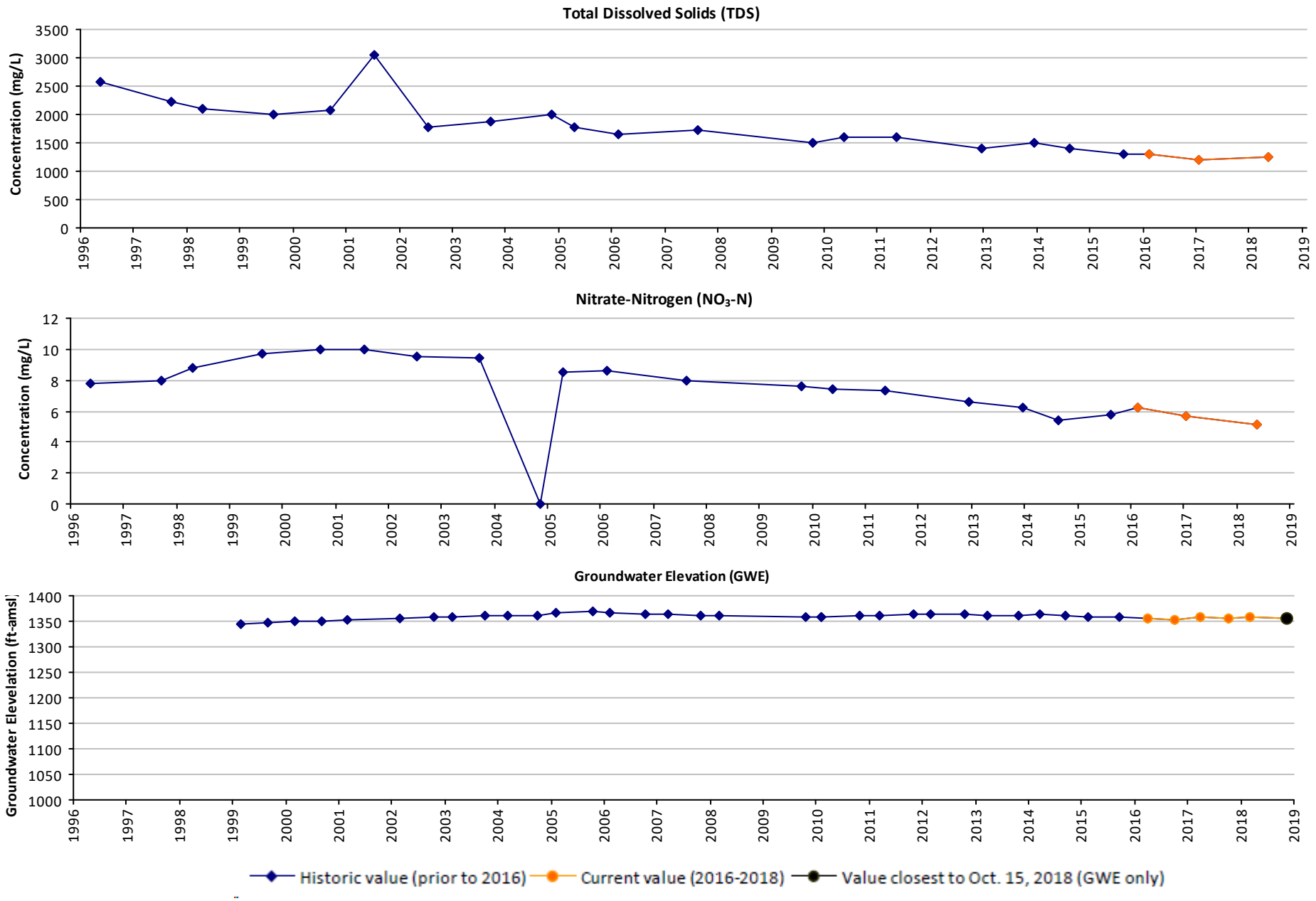

Total Dissolved Solids (TDS)
Concentration (mg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

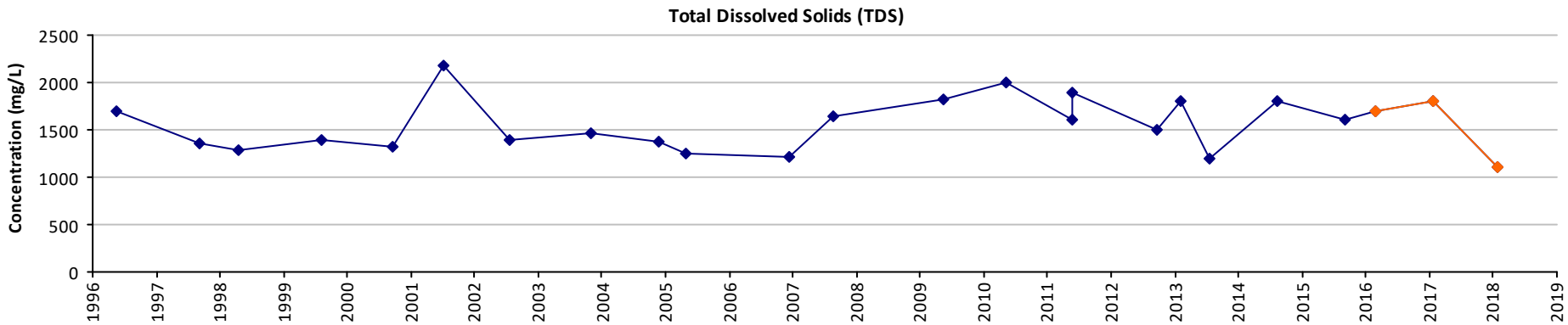

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

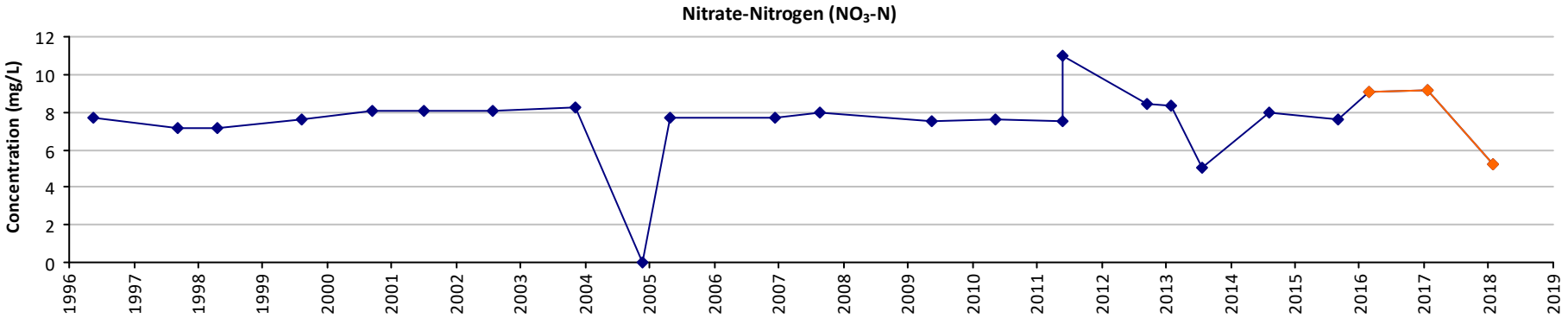

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

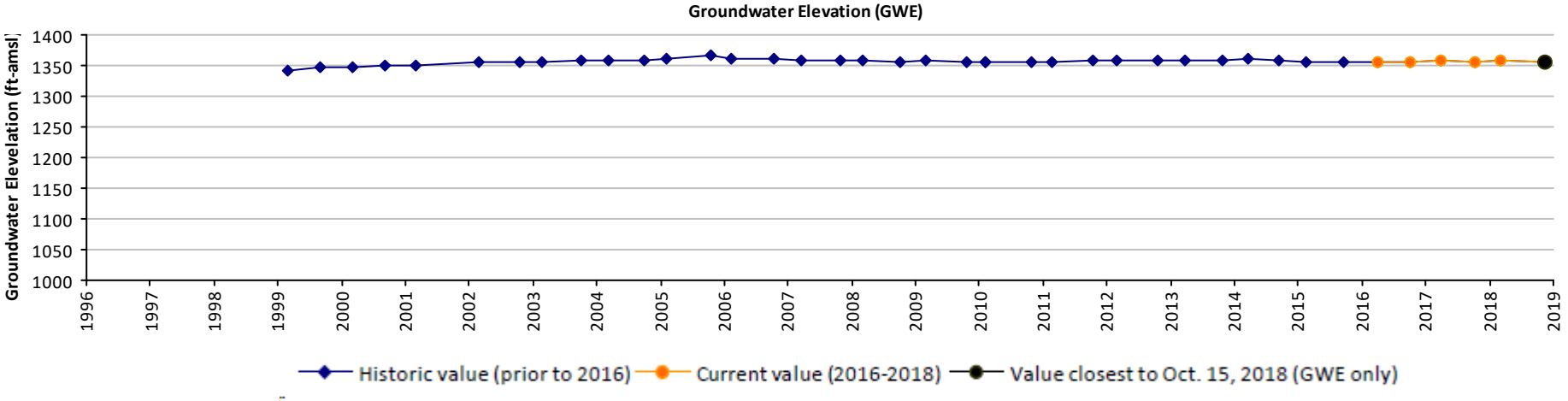

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

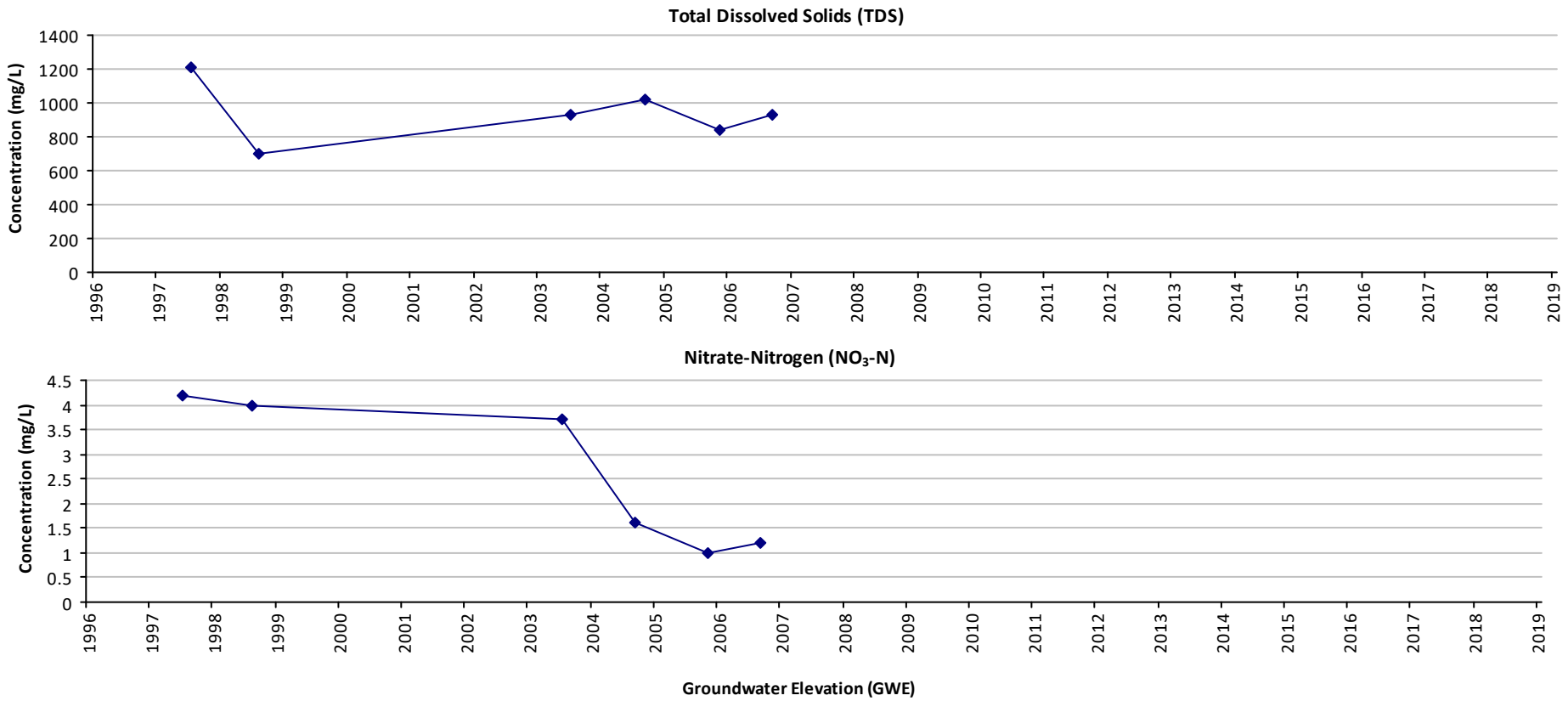

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

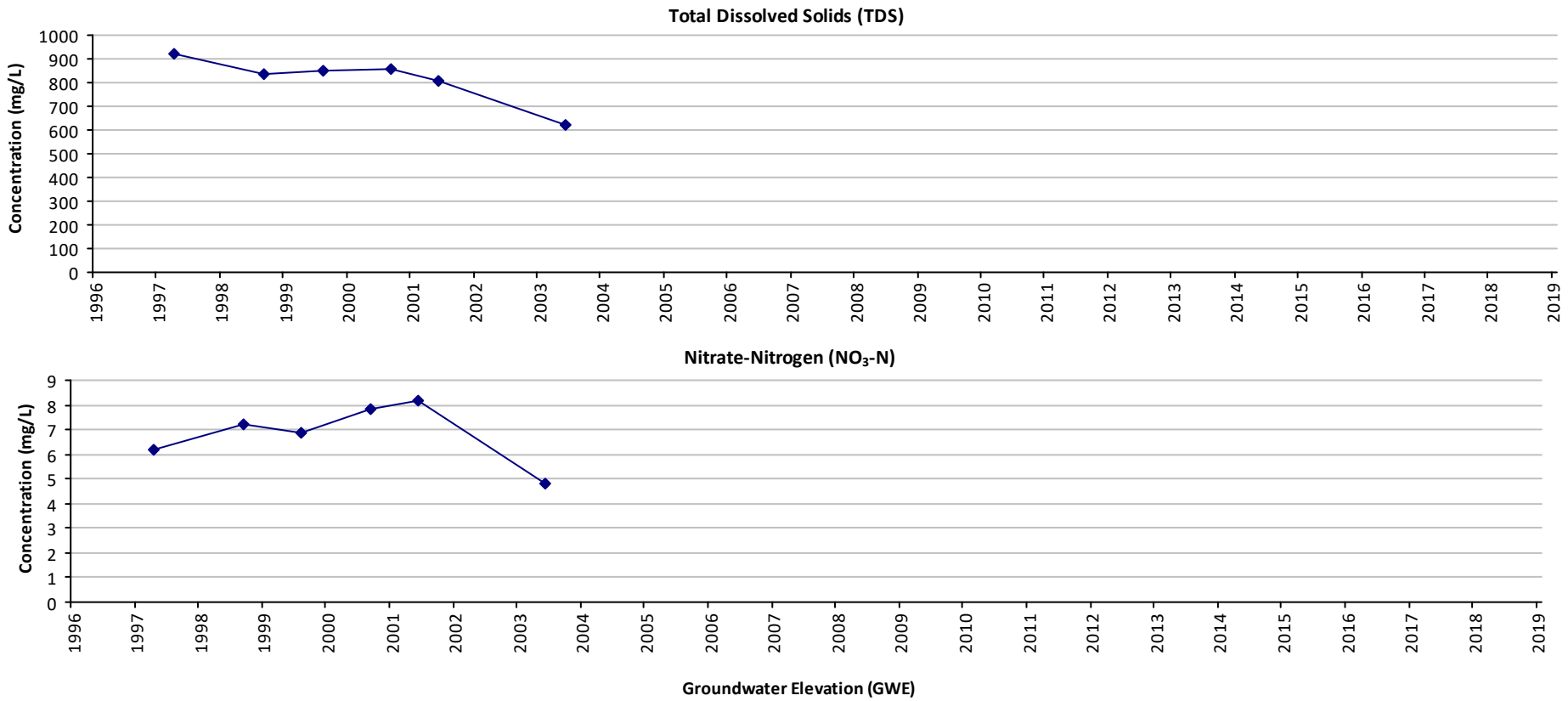

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

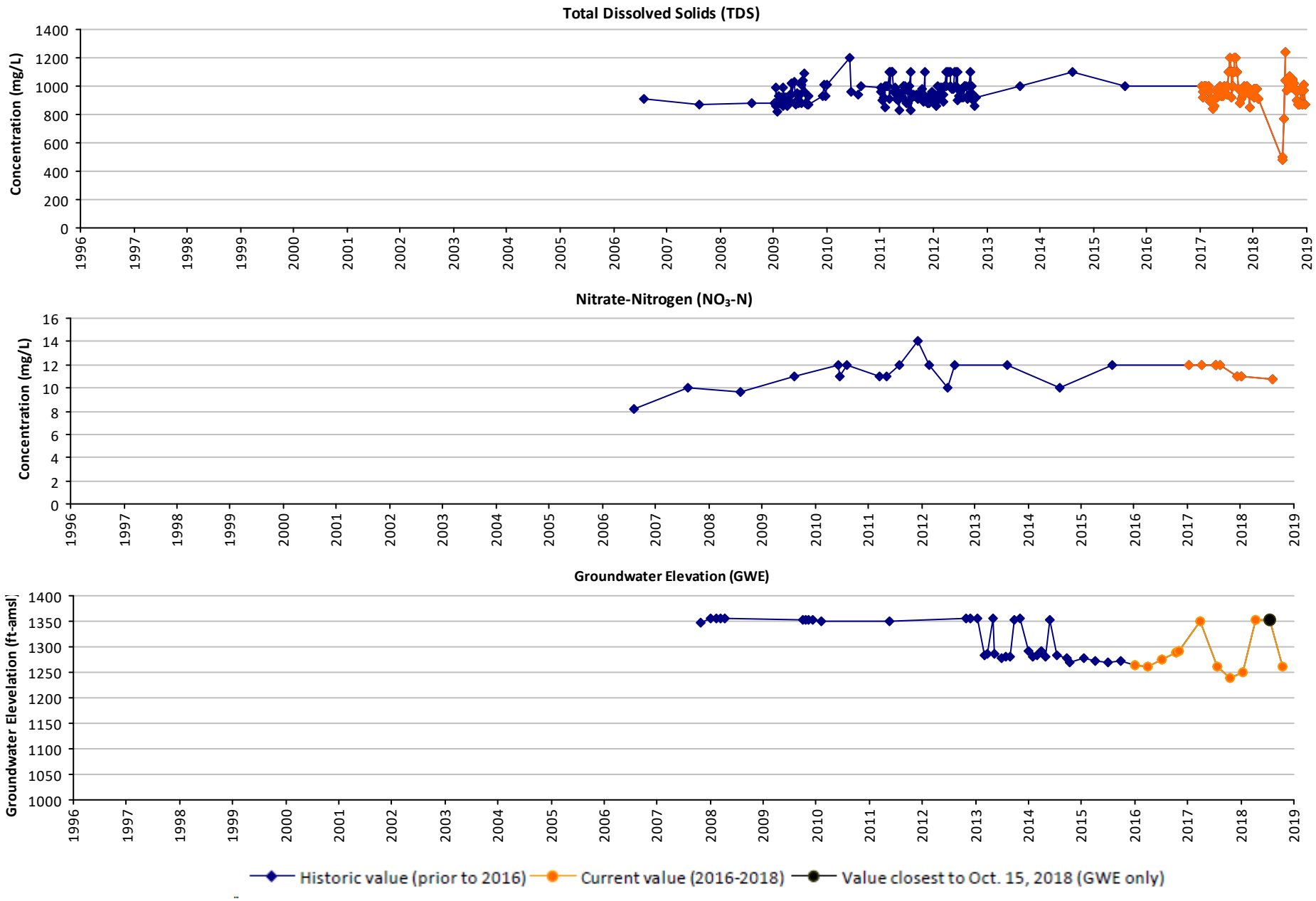

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

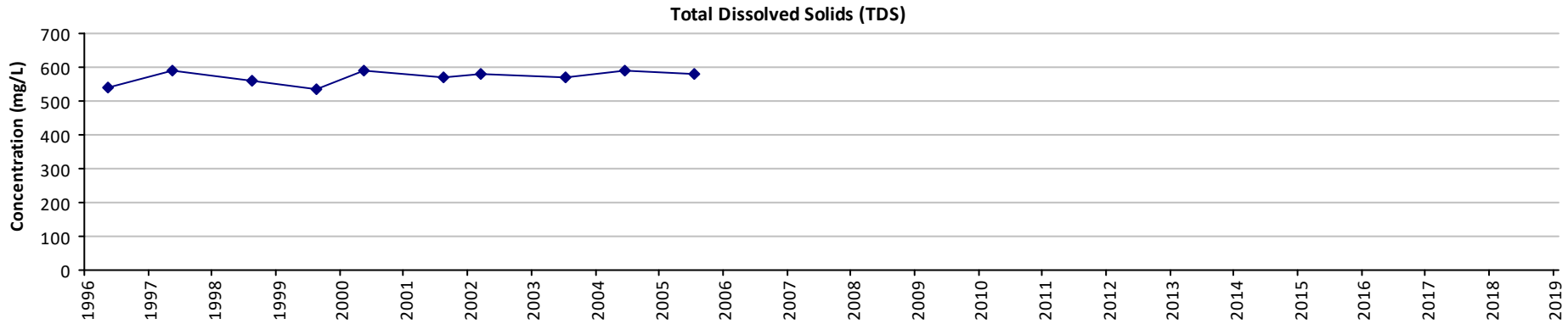

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

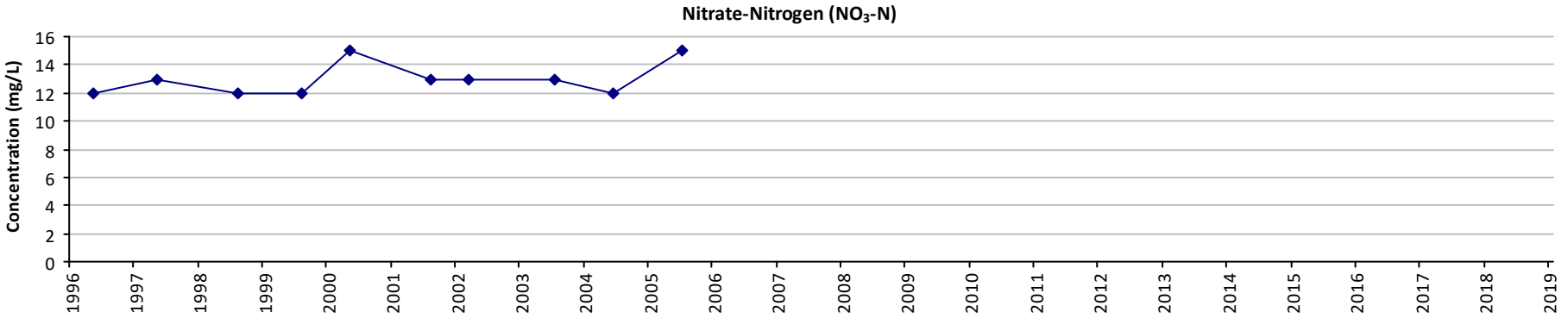


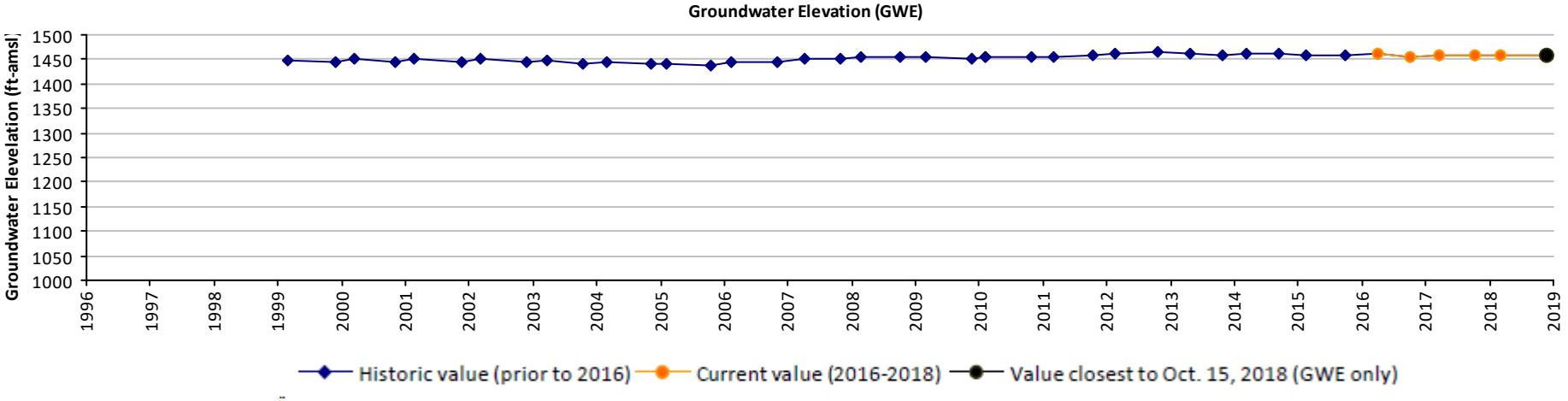
Groundwater Elevation (GWE)

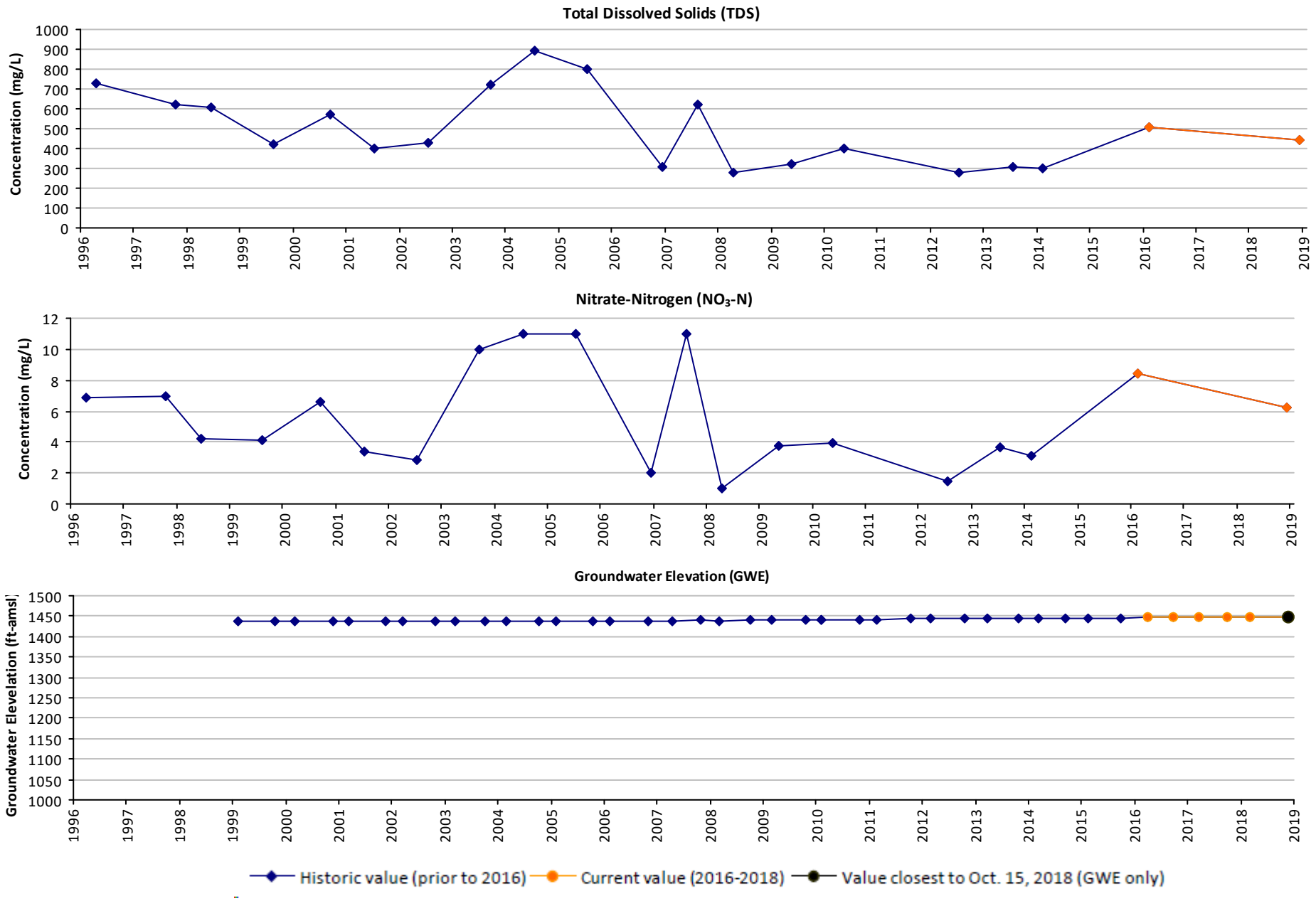
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

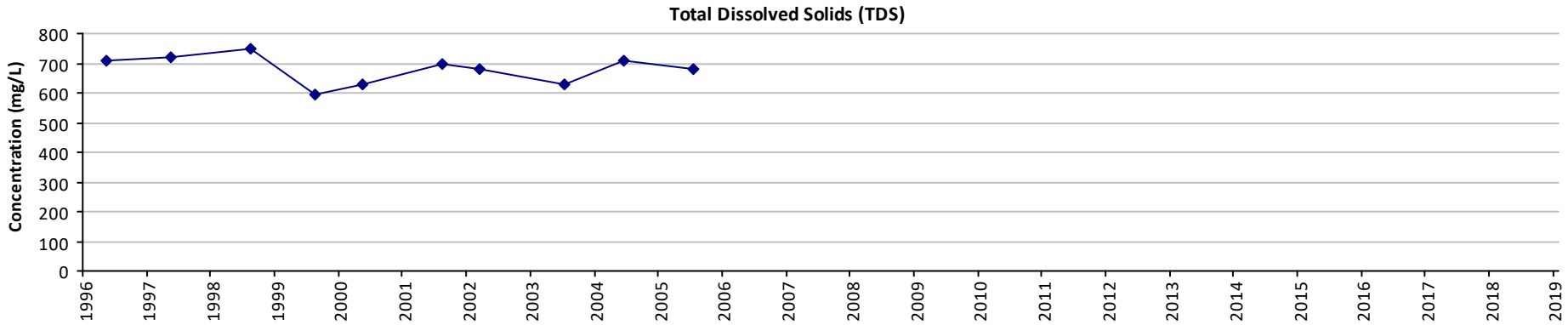

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

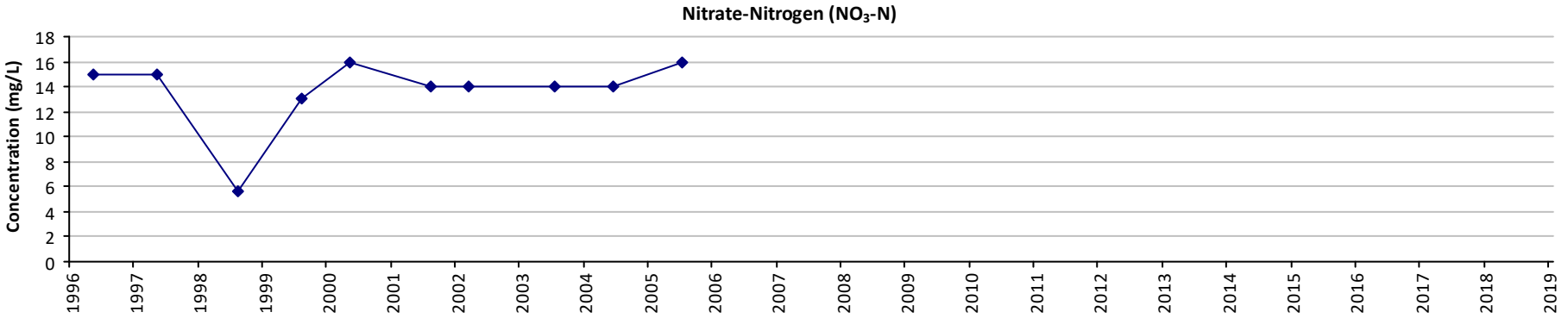

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2012
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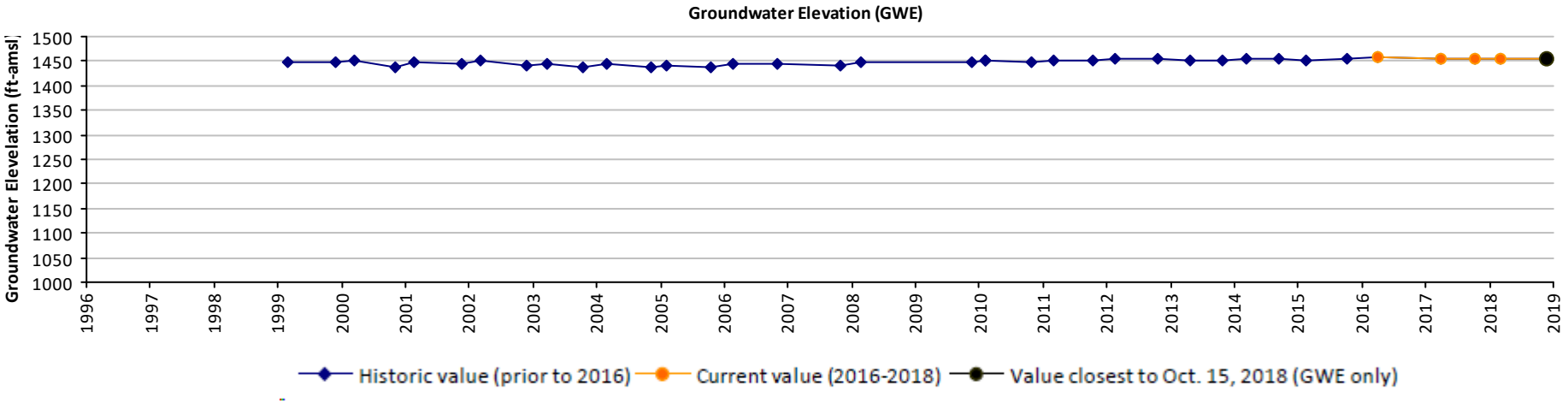
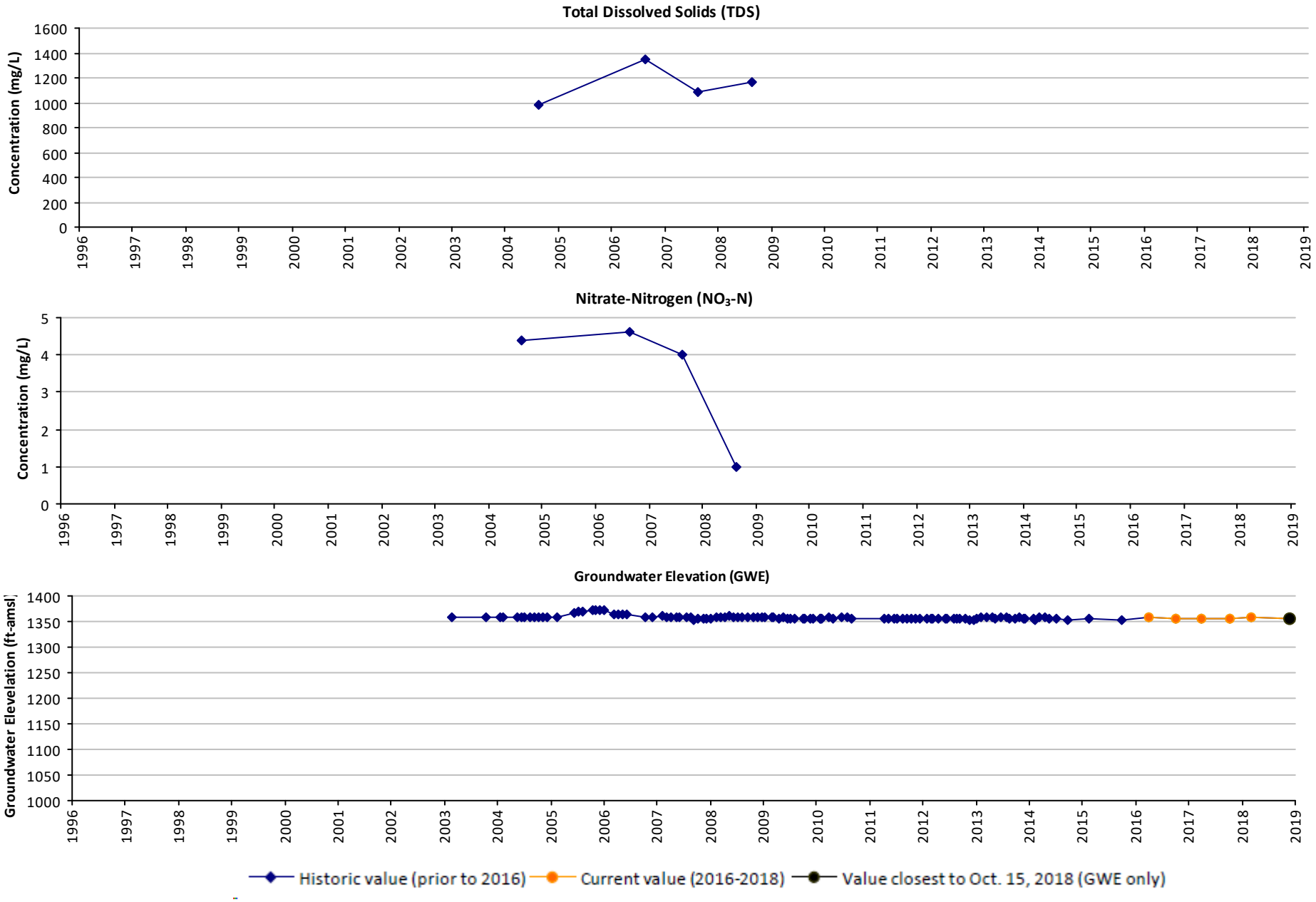
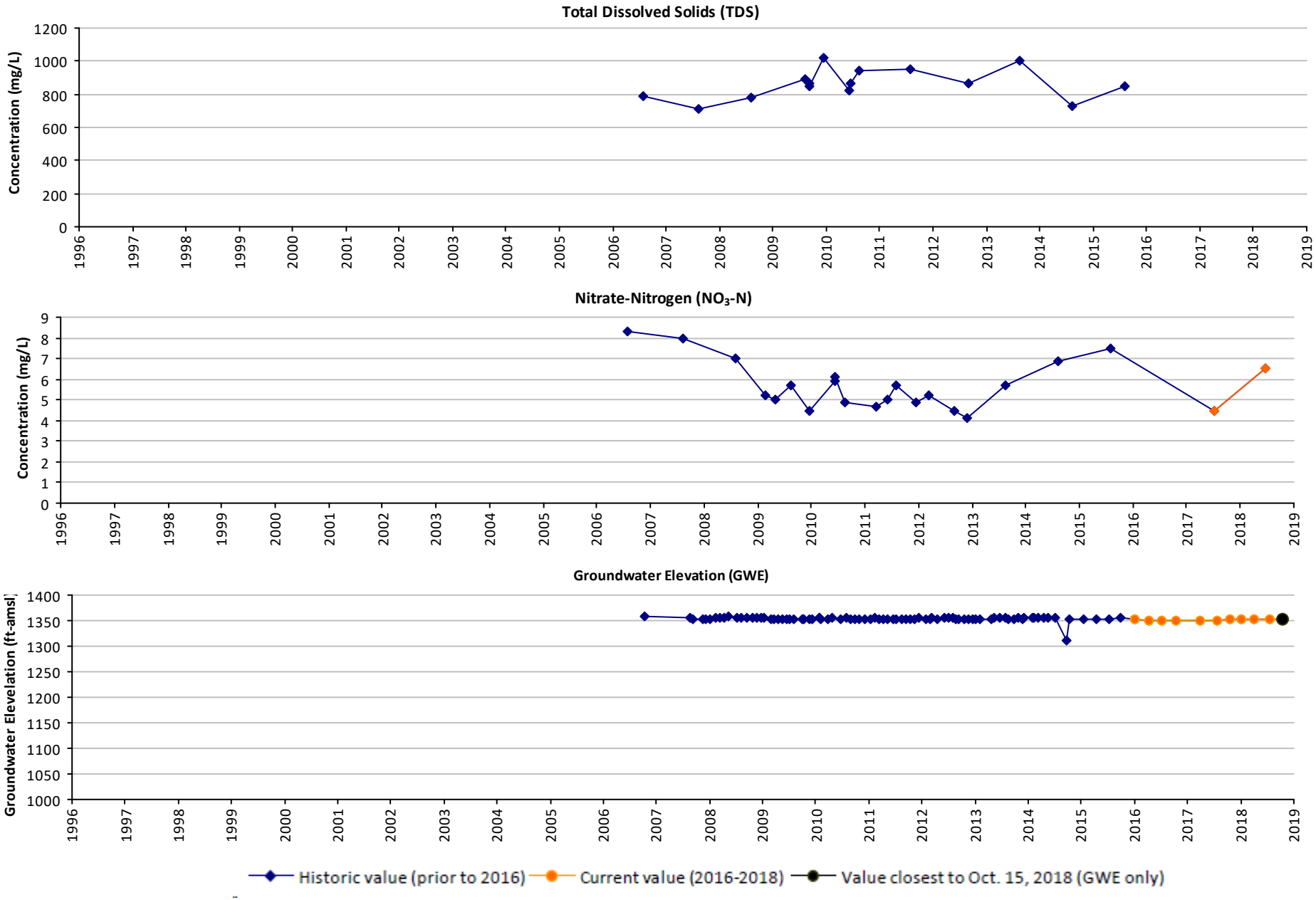
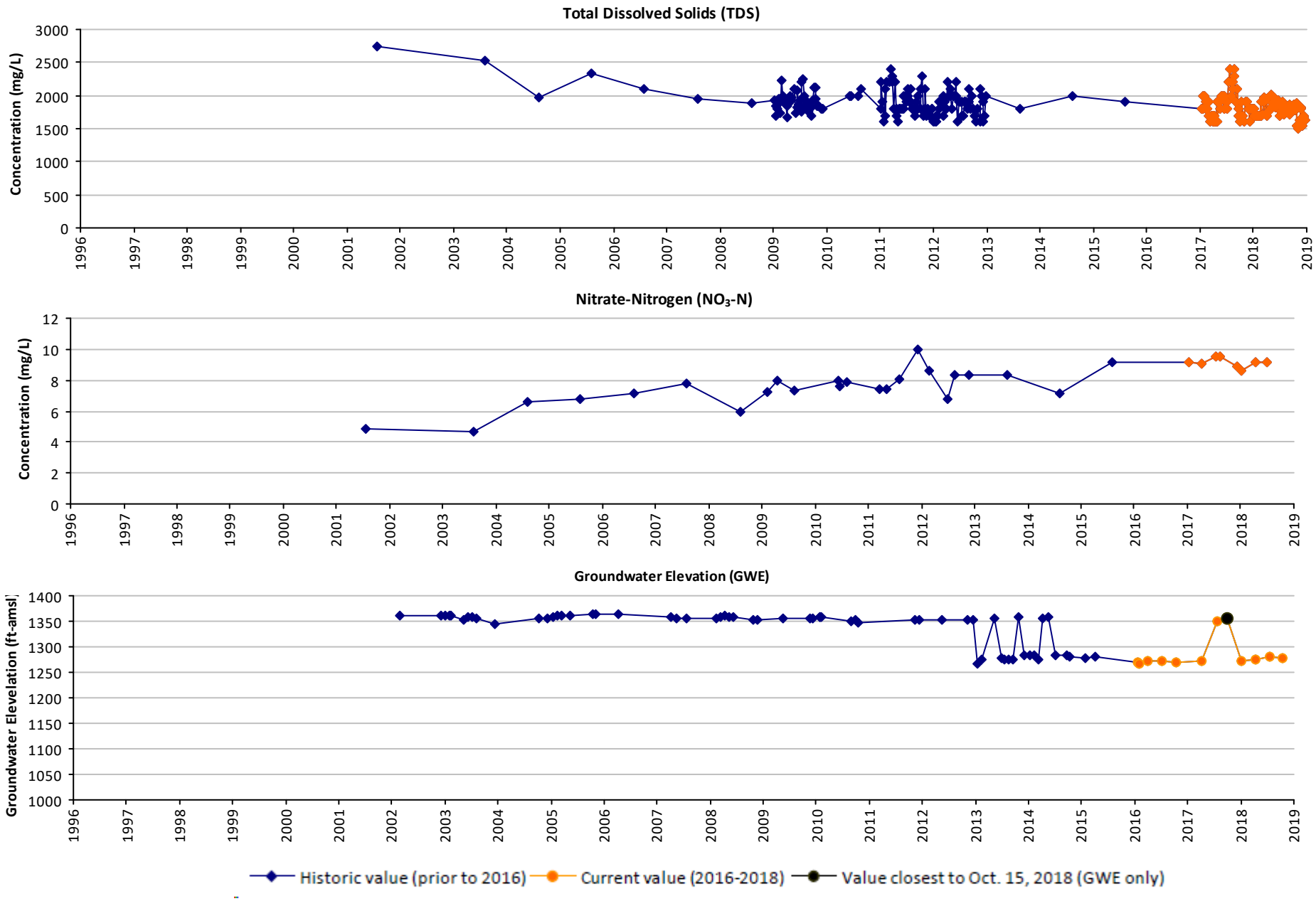
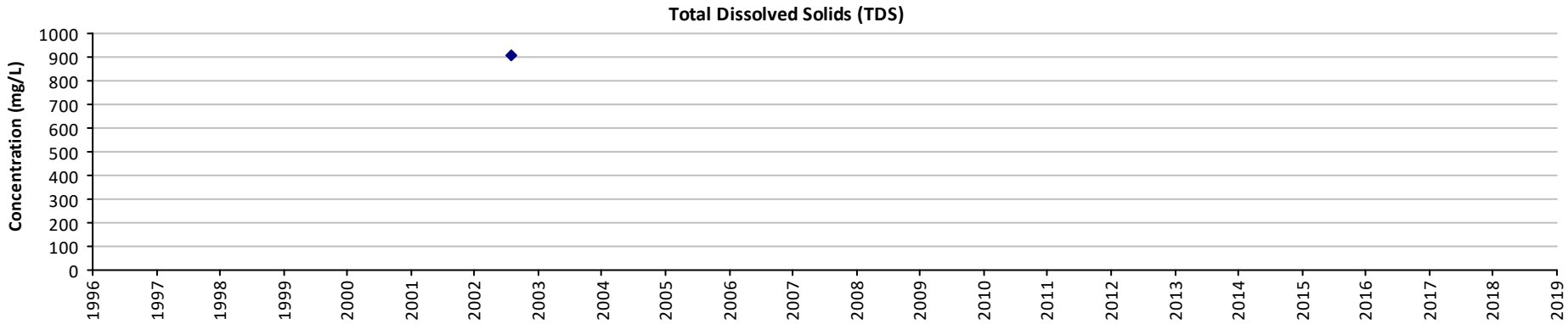
2015
2016
2017
2018
2019

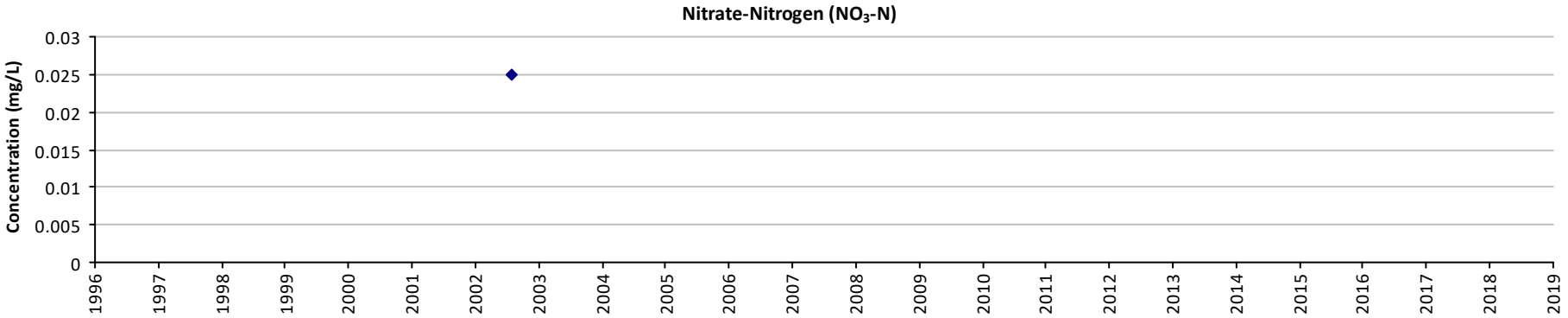

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

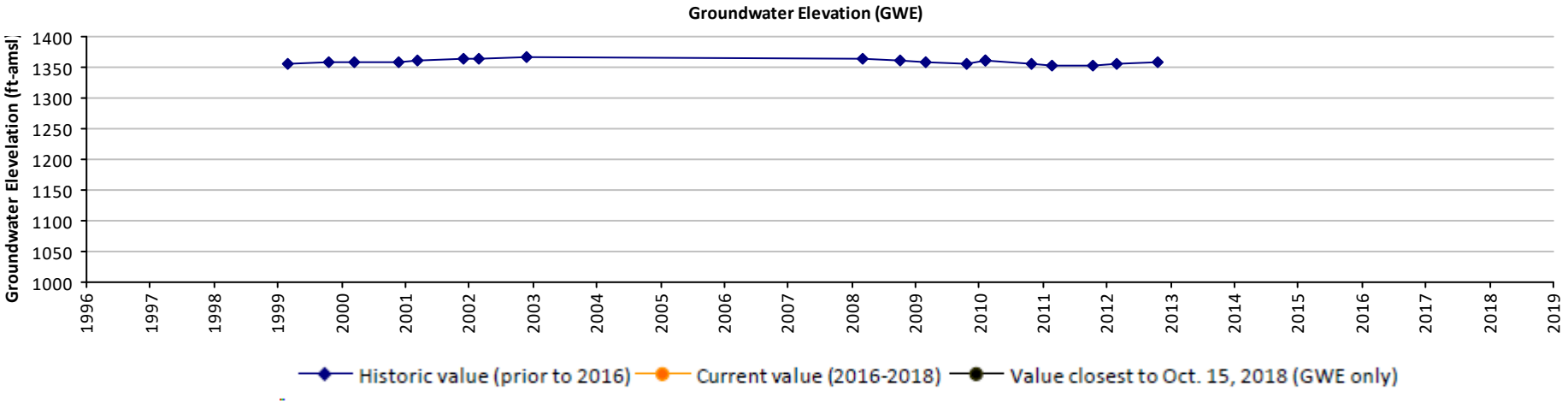

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

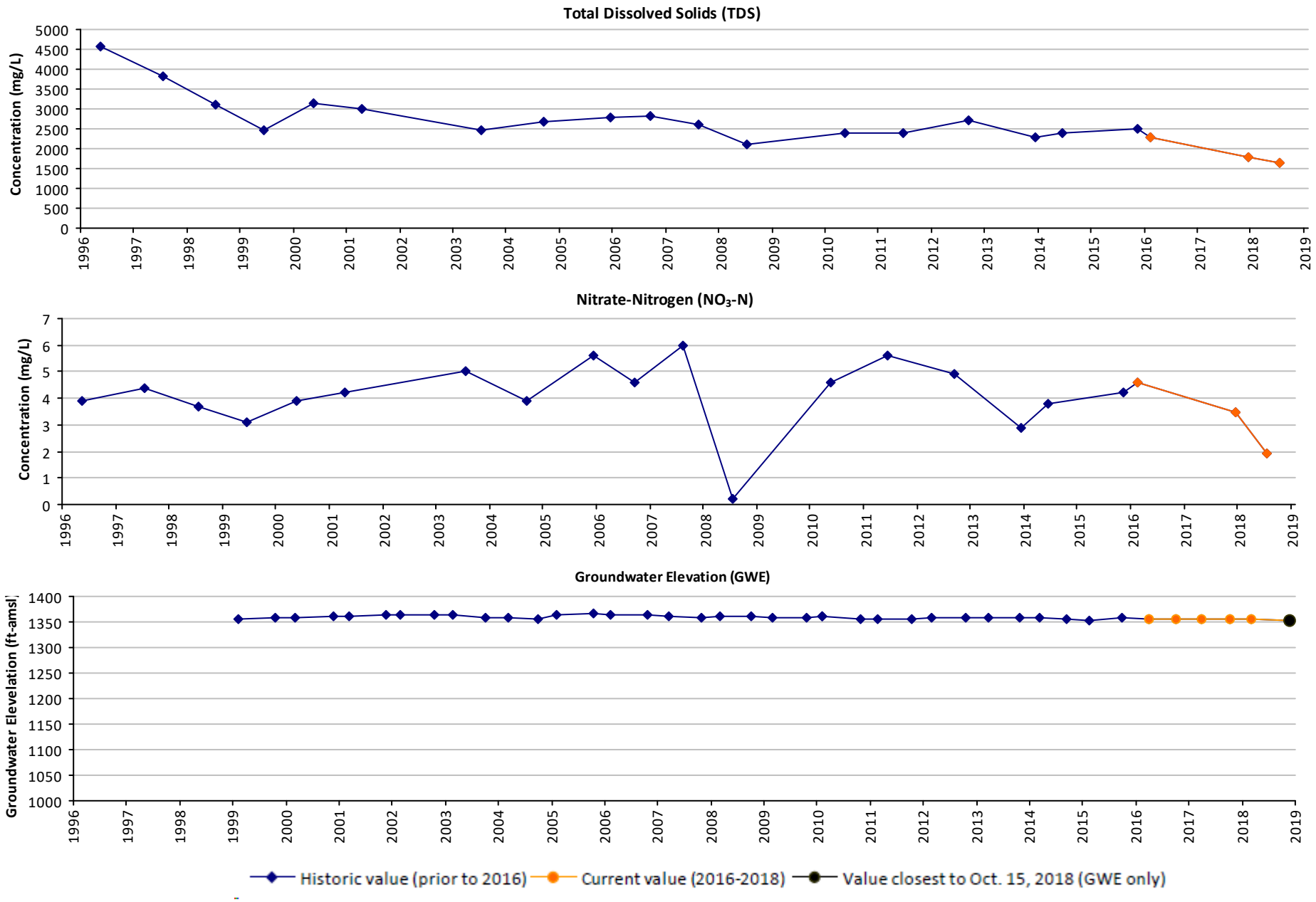

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

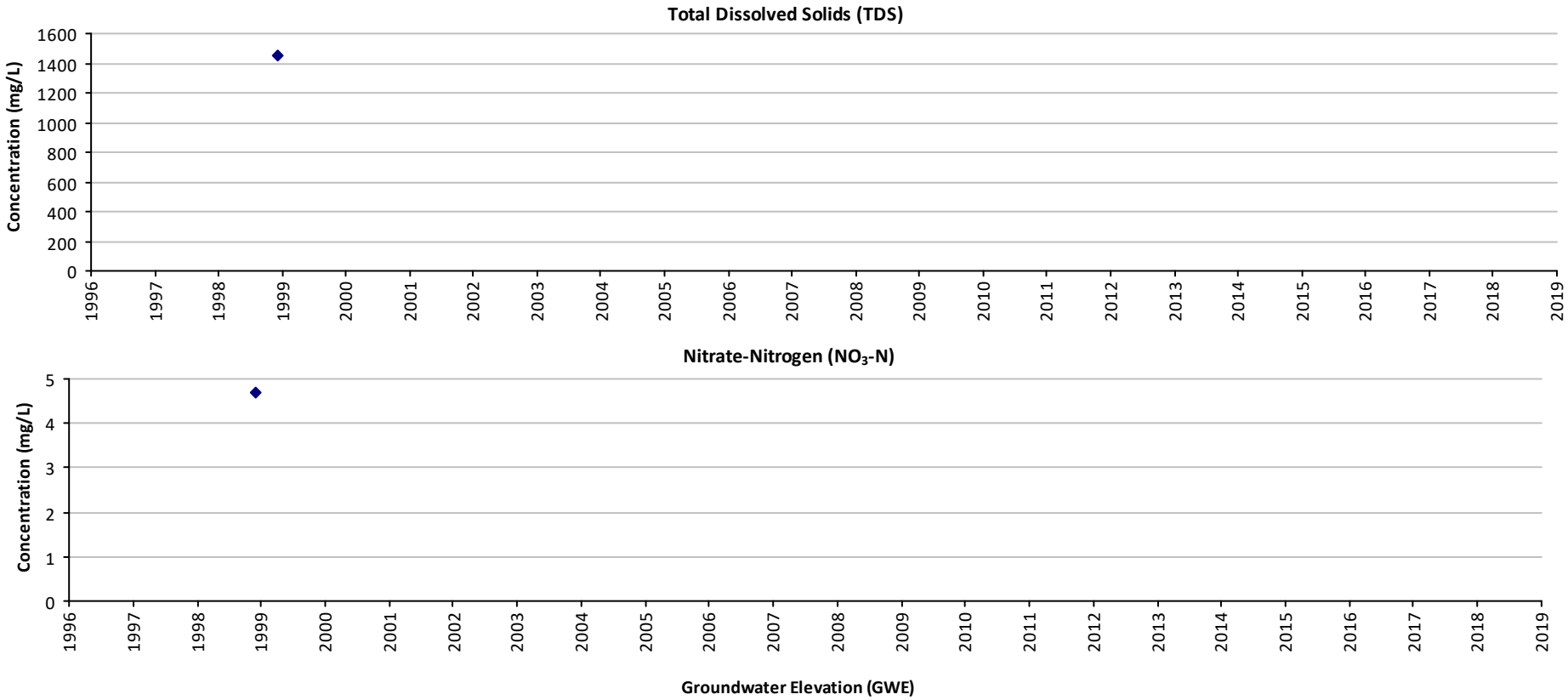

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

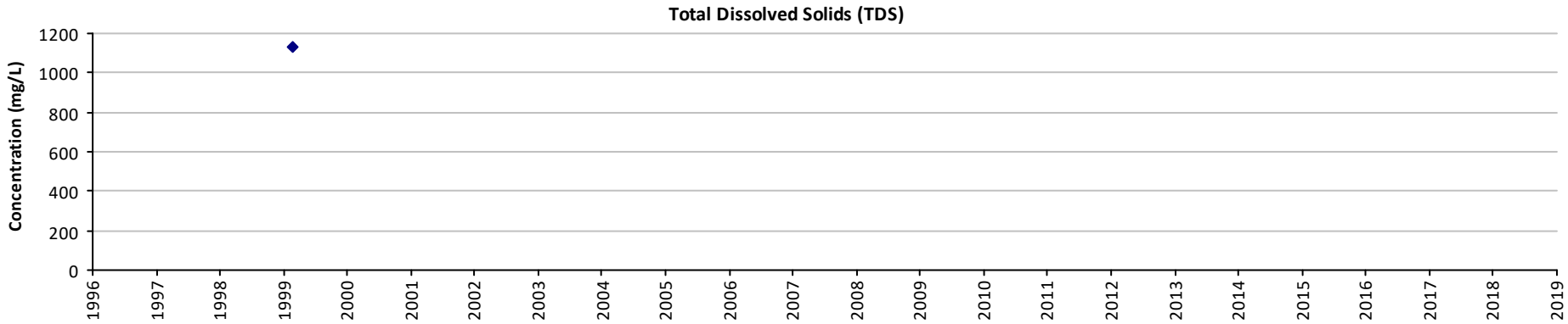

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

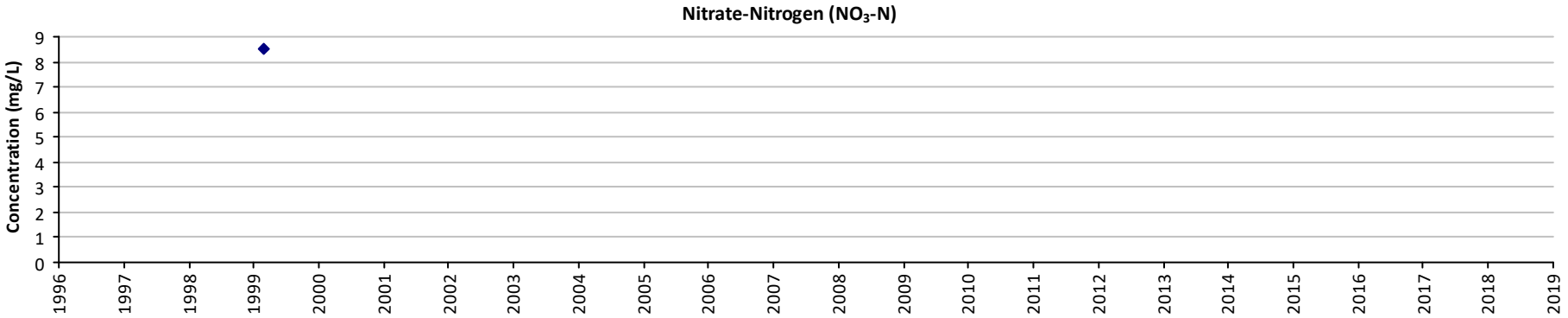

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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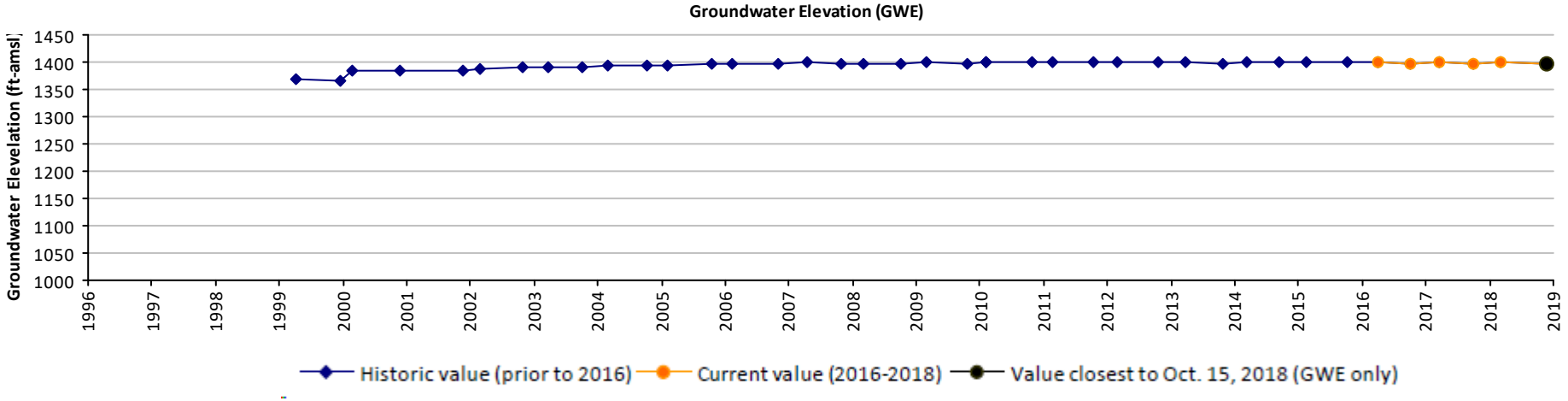
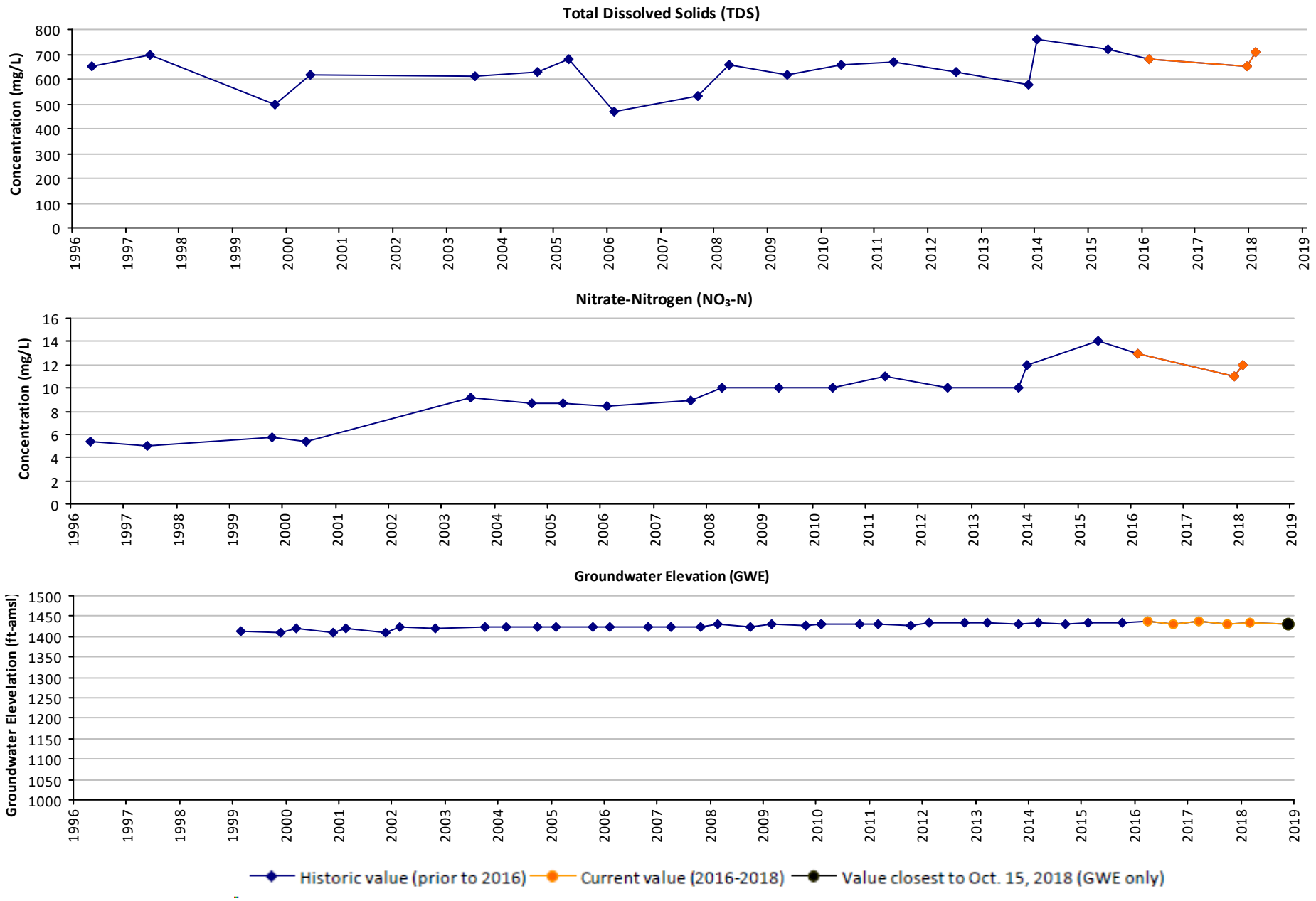
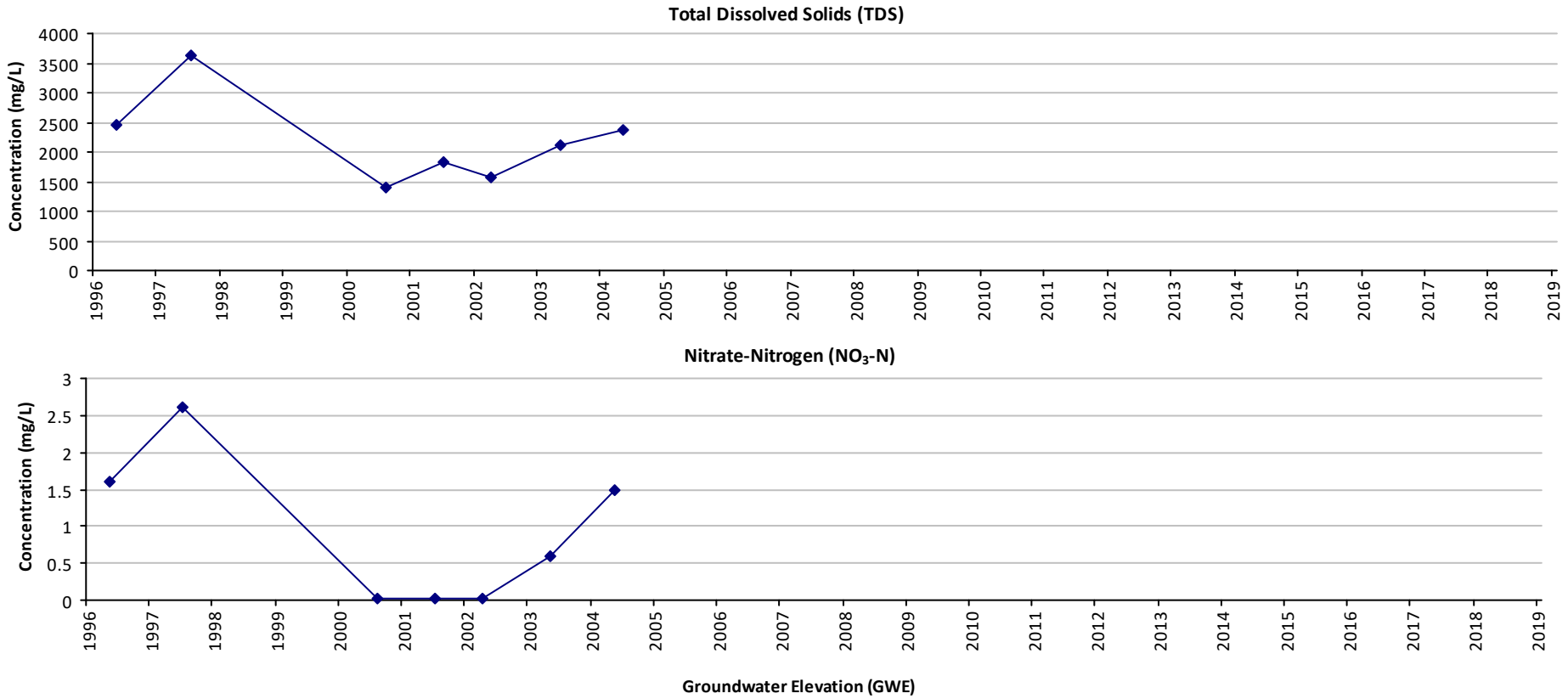
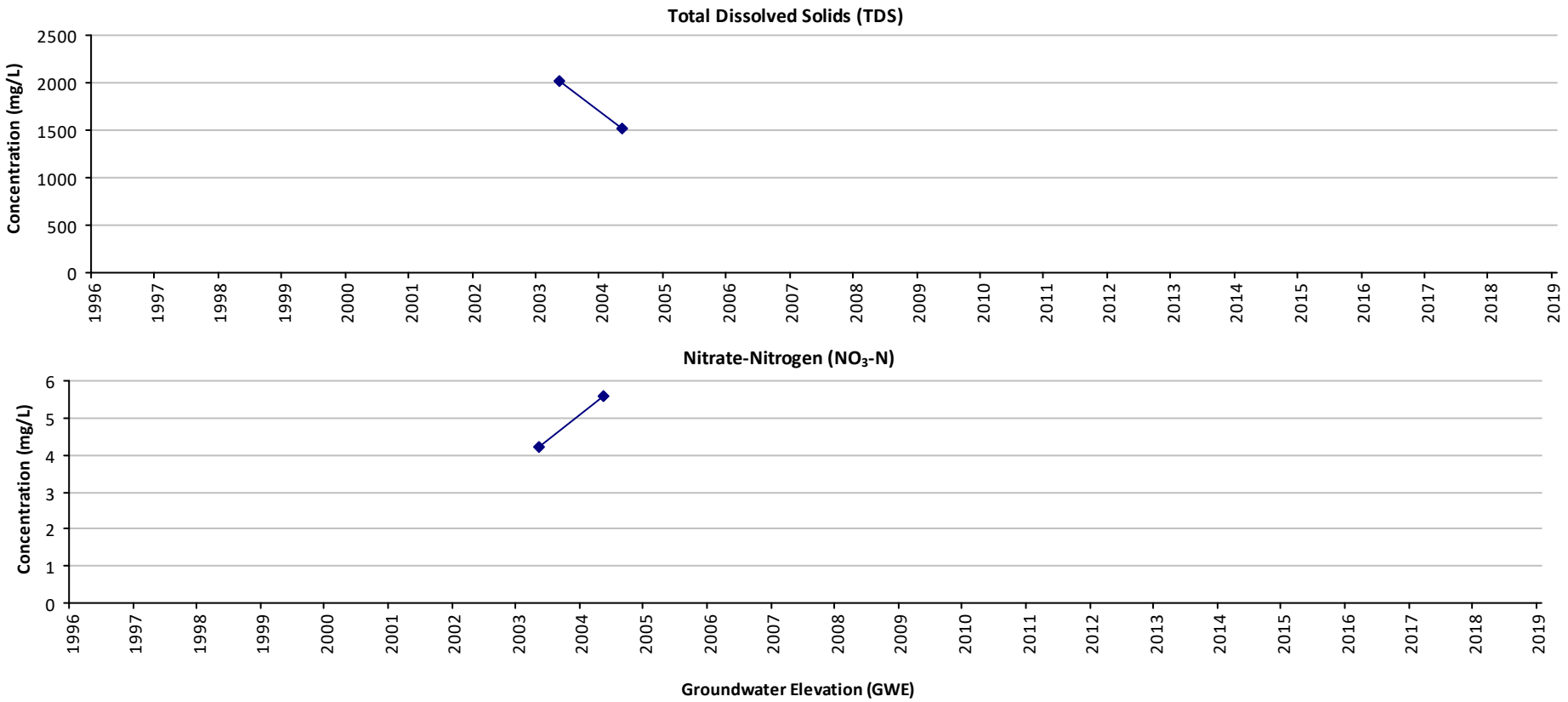
2011
2012
2013
2014
2015
2016
2017
2018
2019

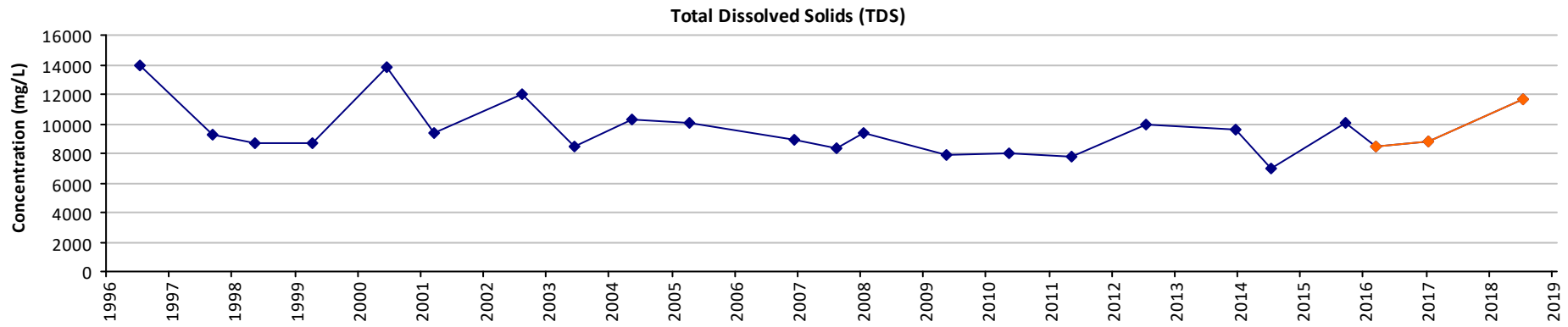

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

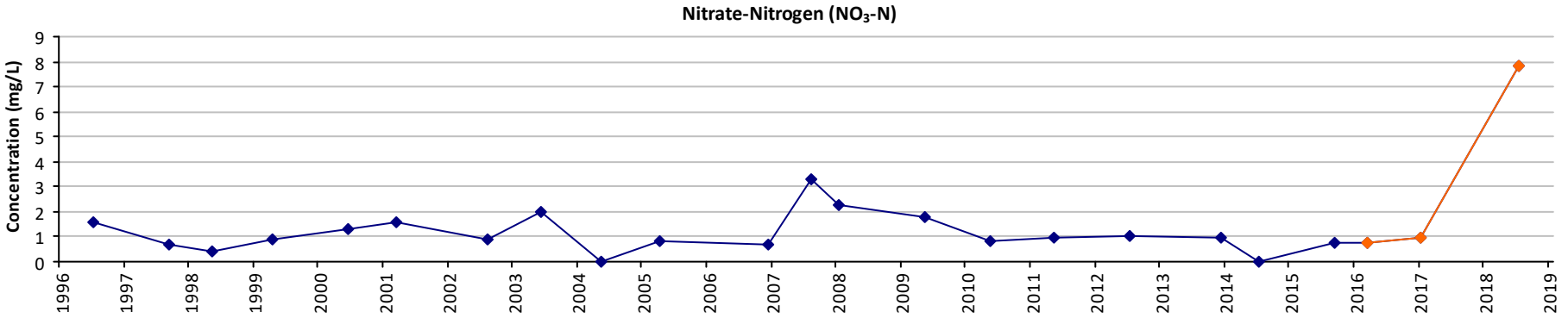

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

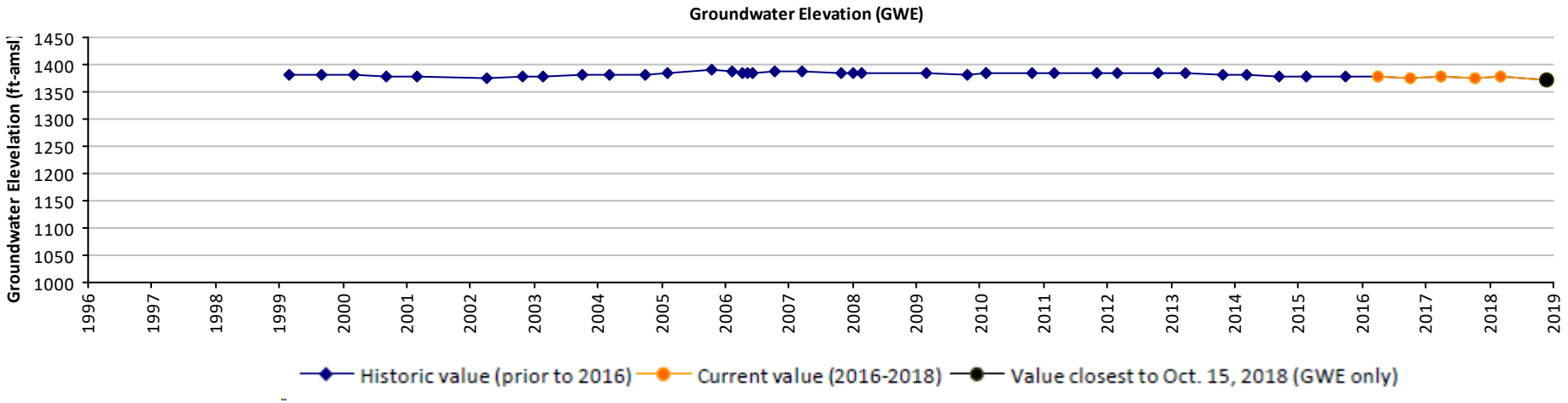
Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

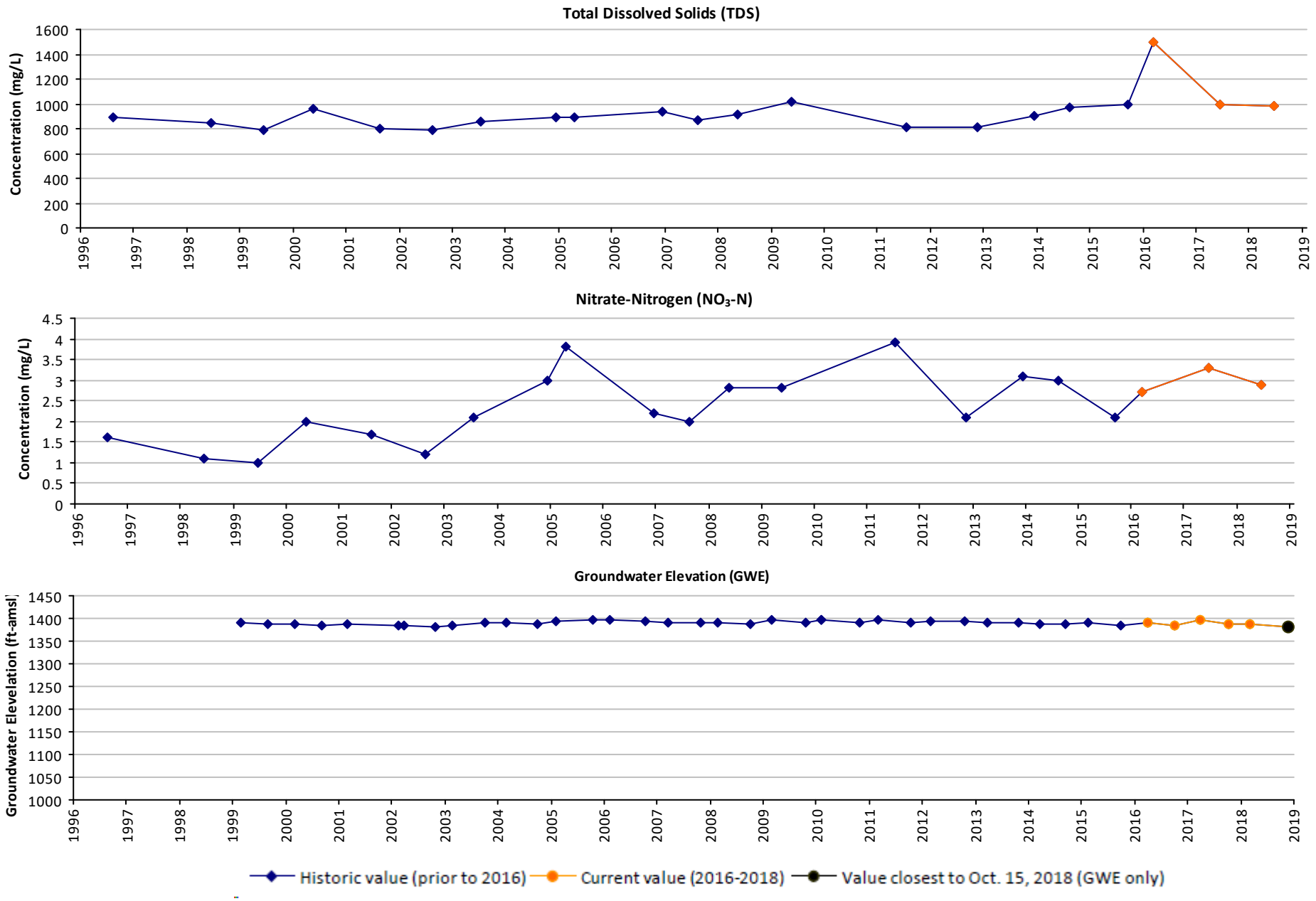

Total Dissolved Solids (TDS)
Concentration (mg/L)
4000
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

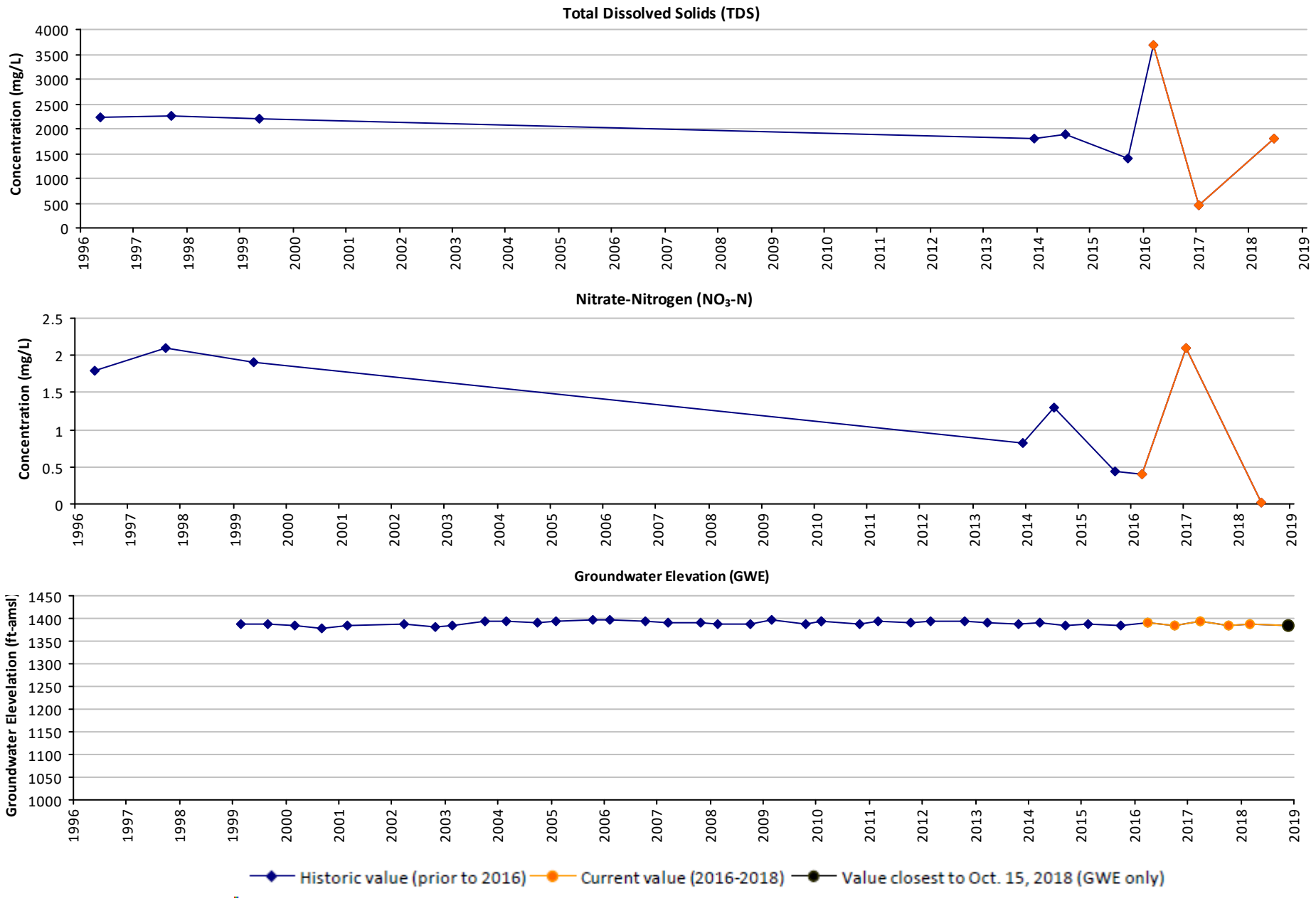

Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

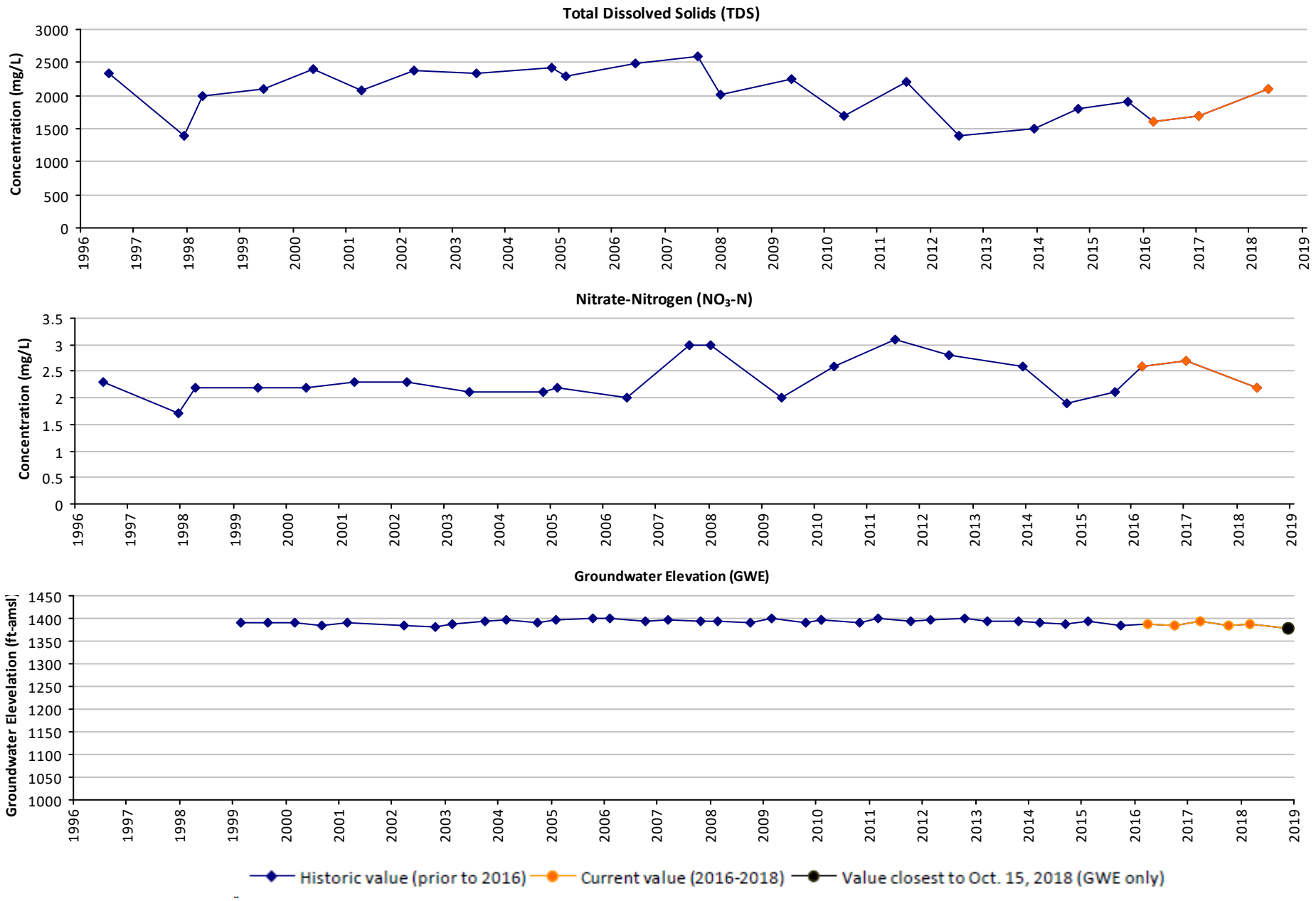

Total Dissolved Solids (TDS)
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

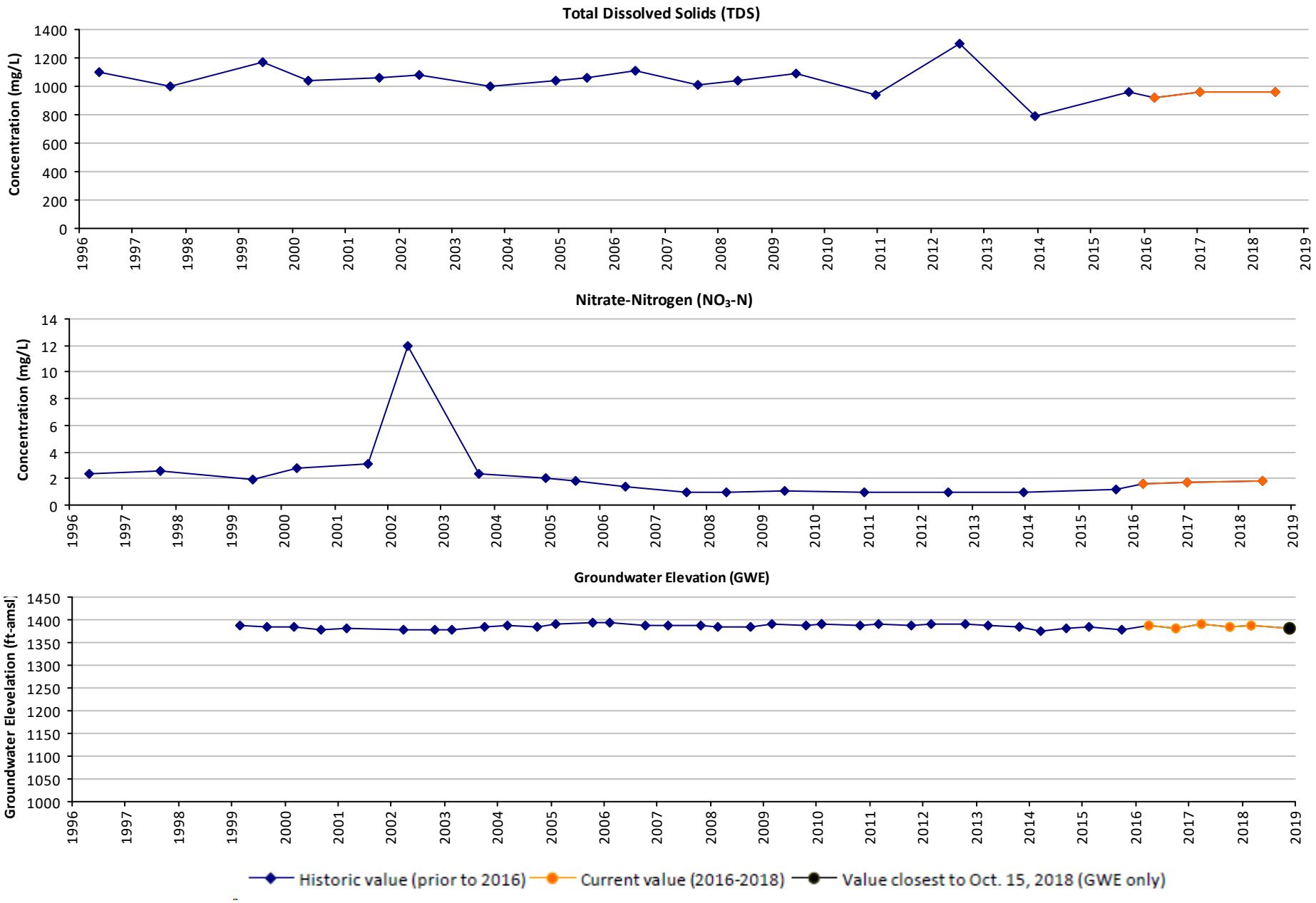

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

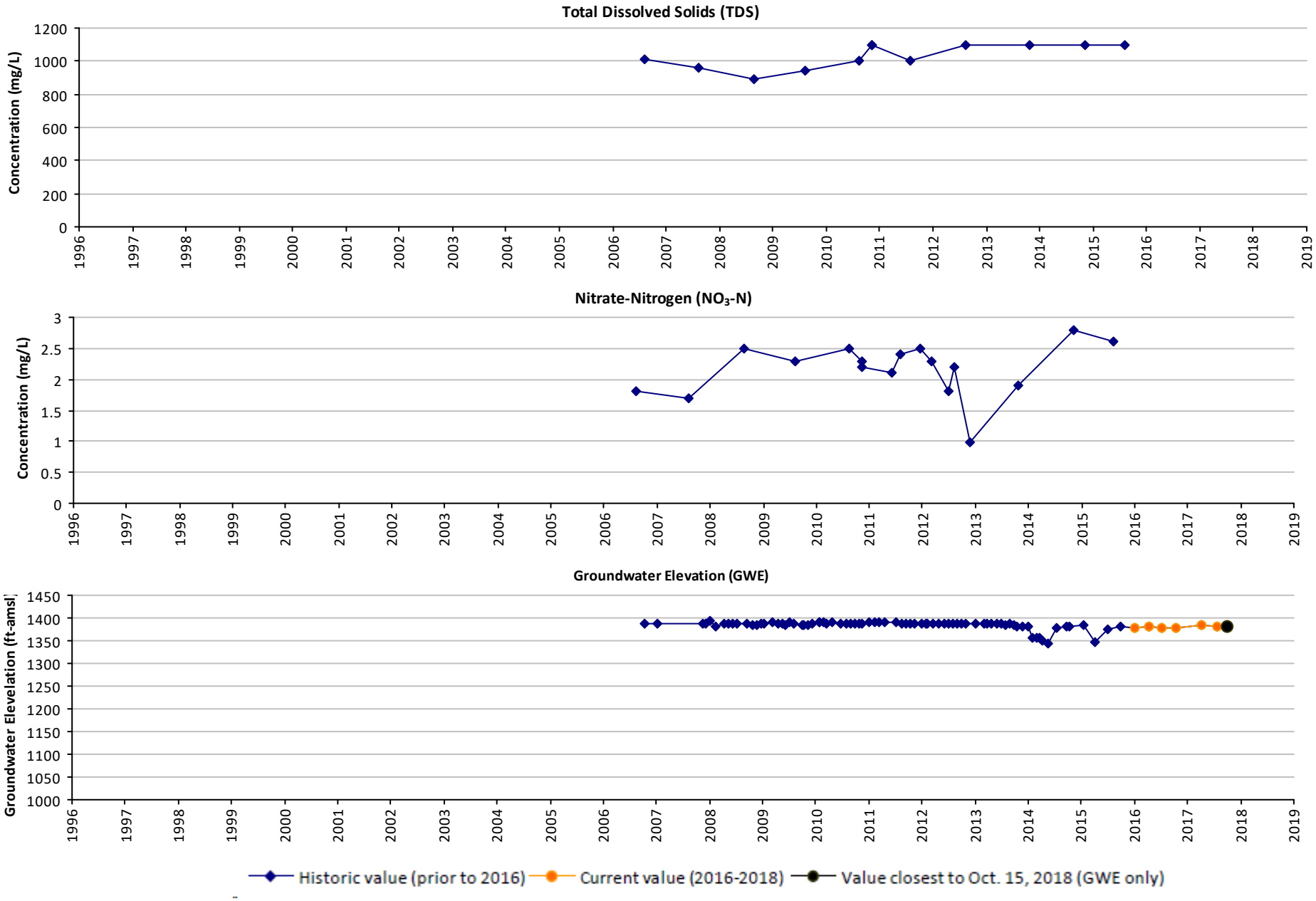

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

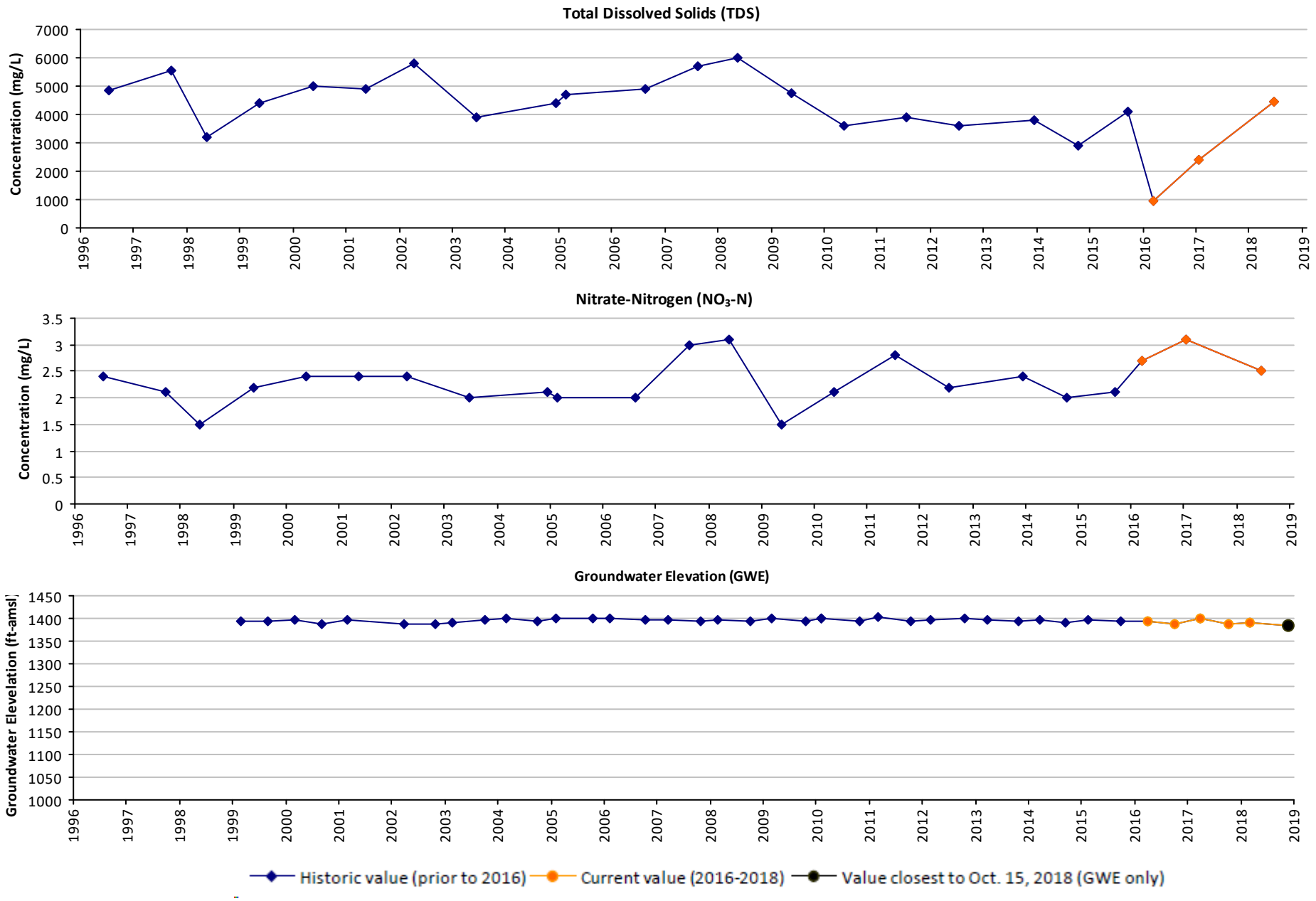

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

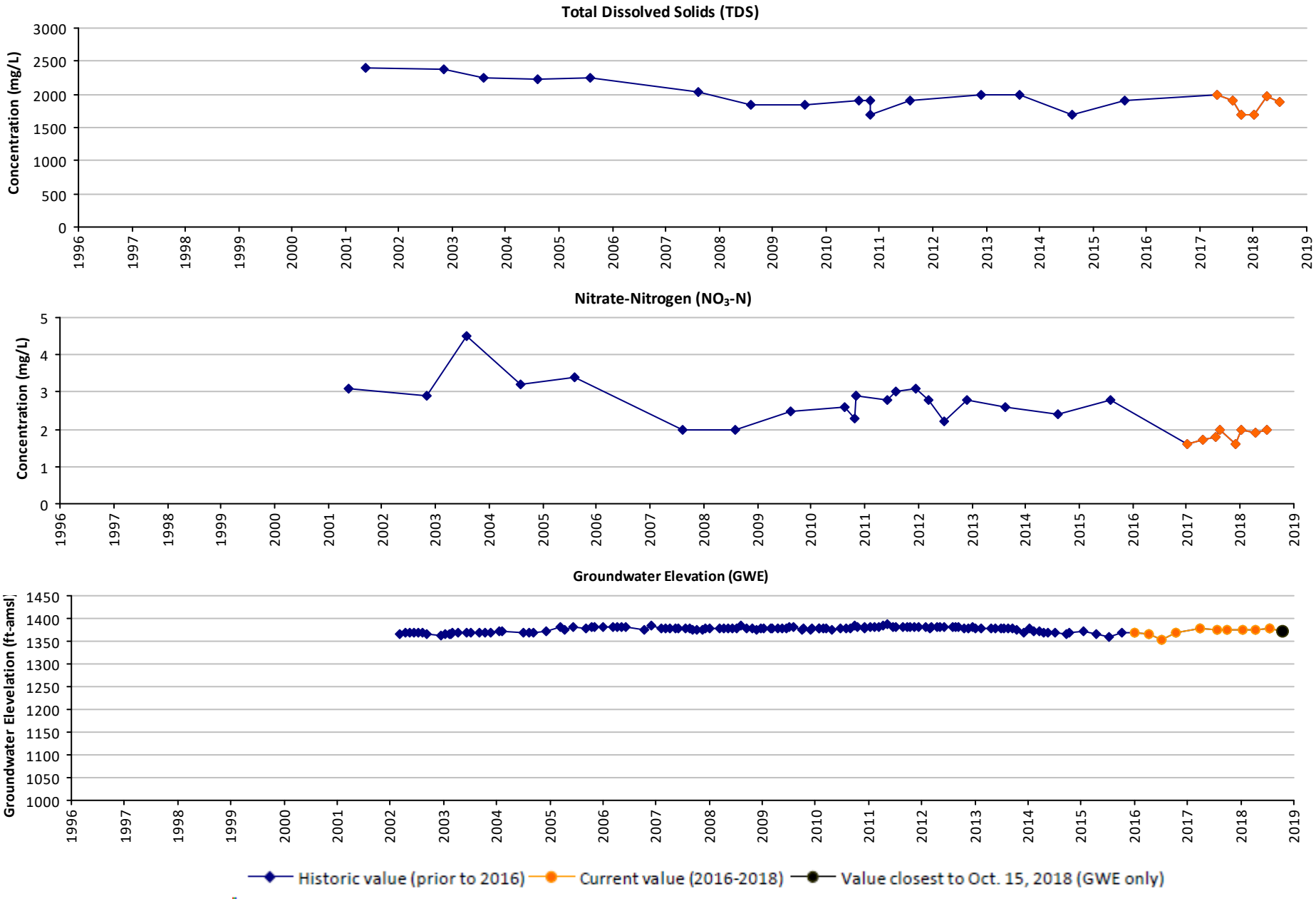

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

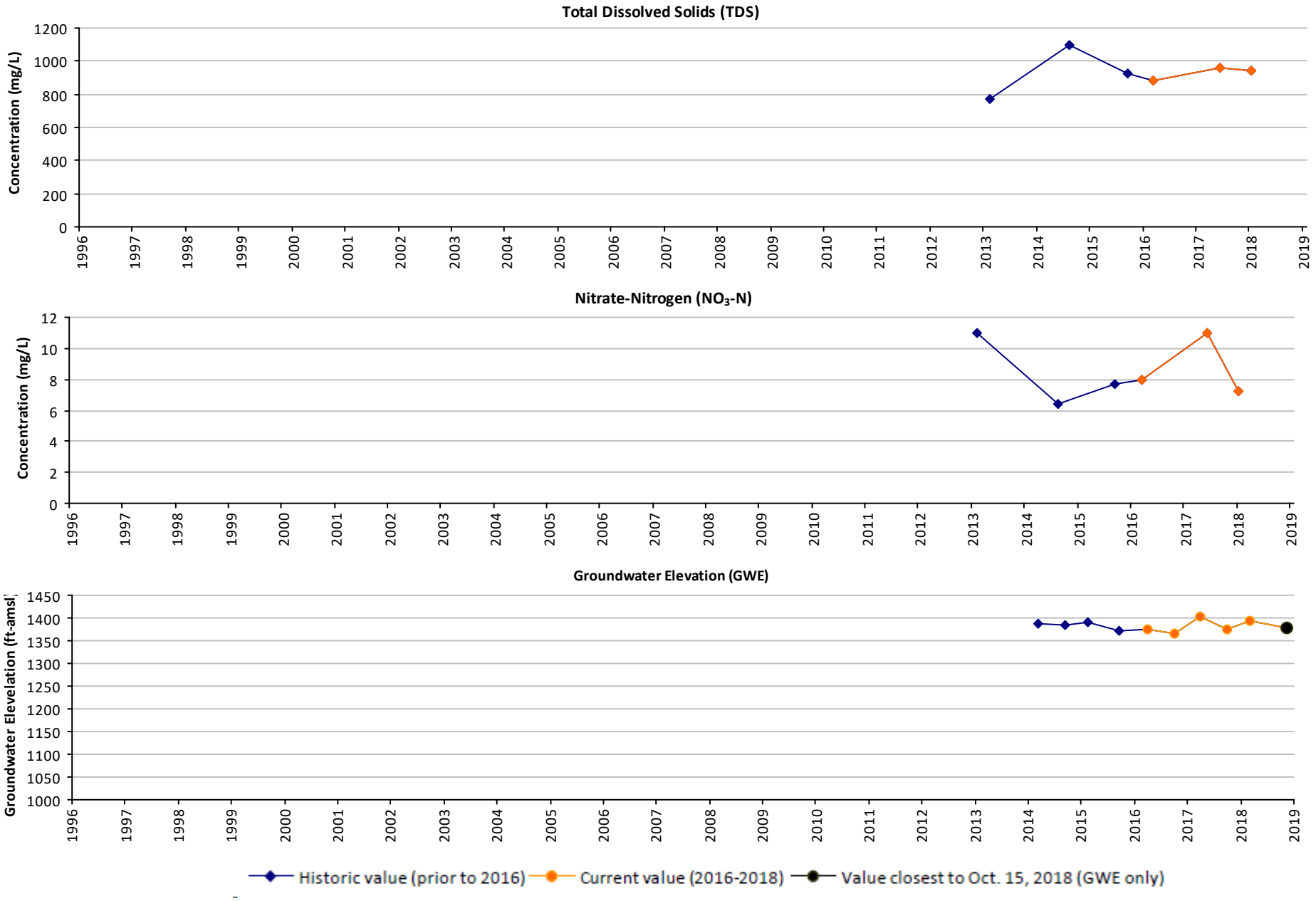

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

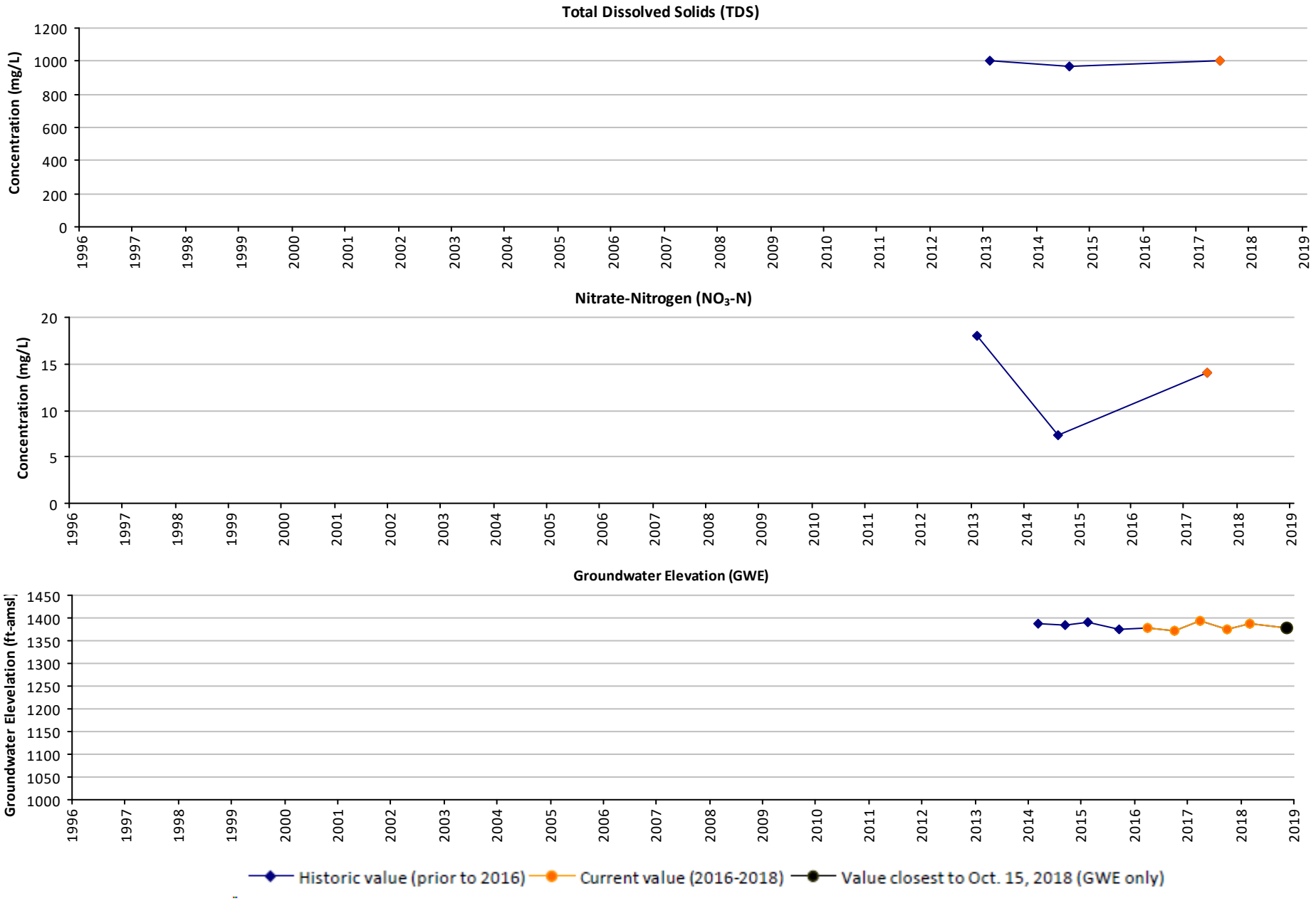

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

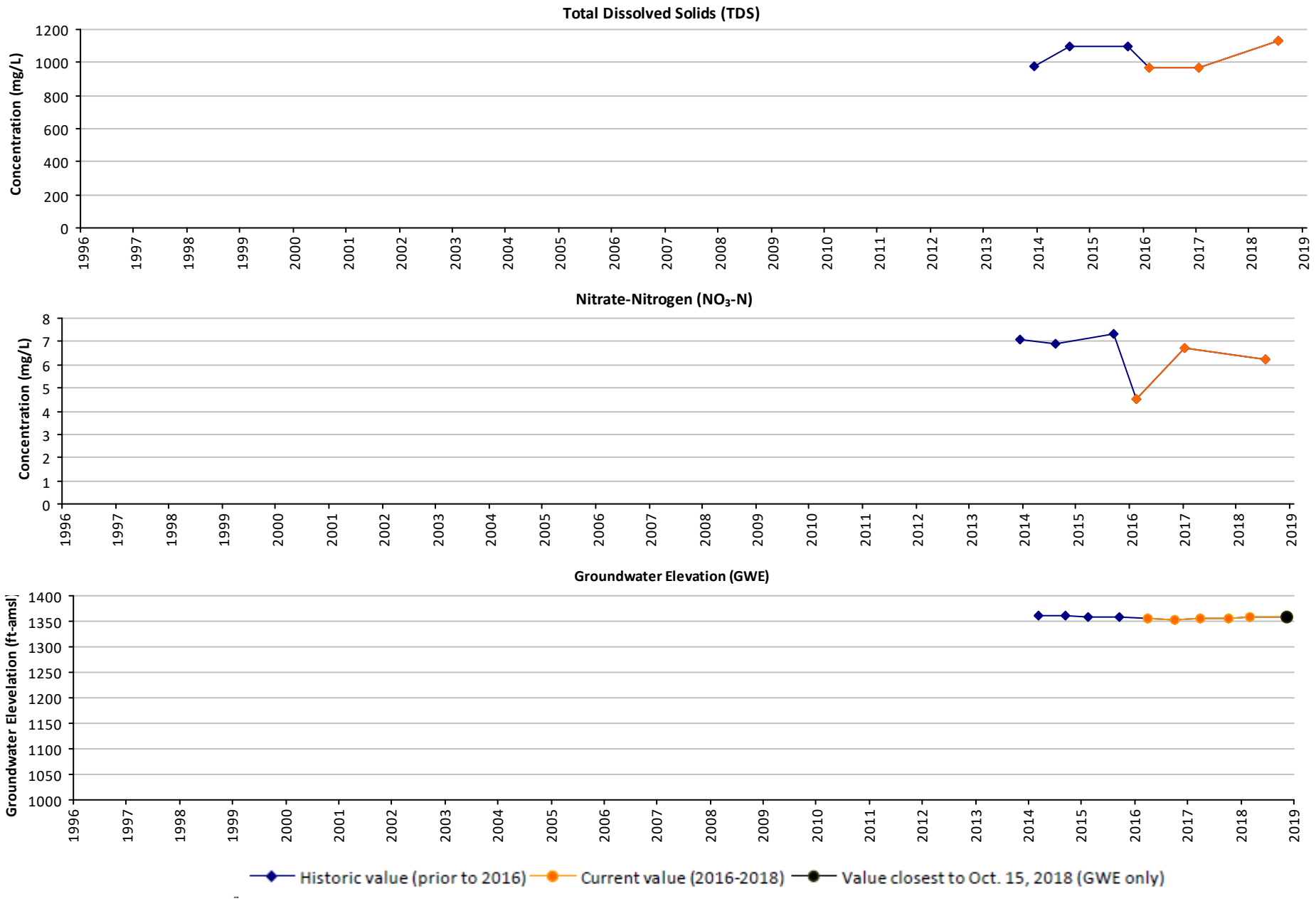

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

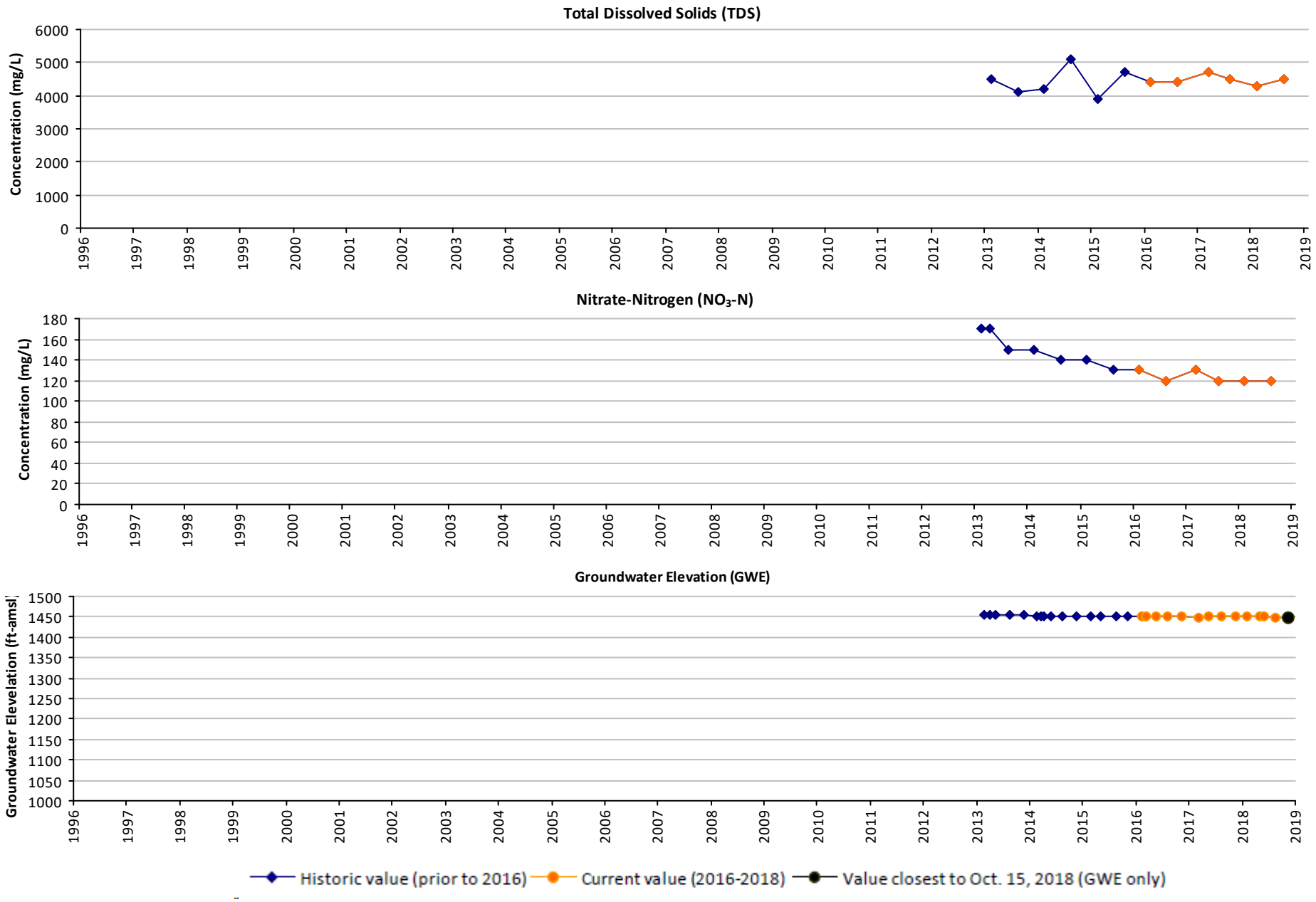

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

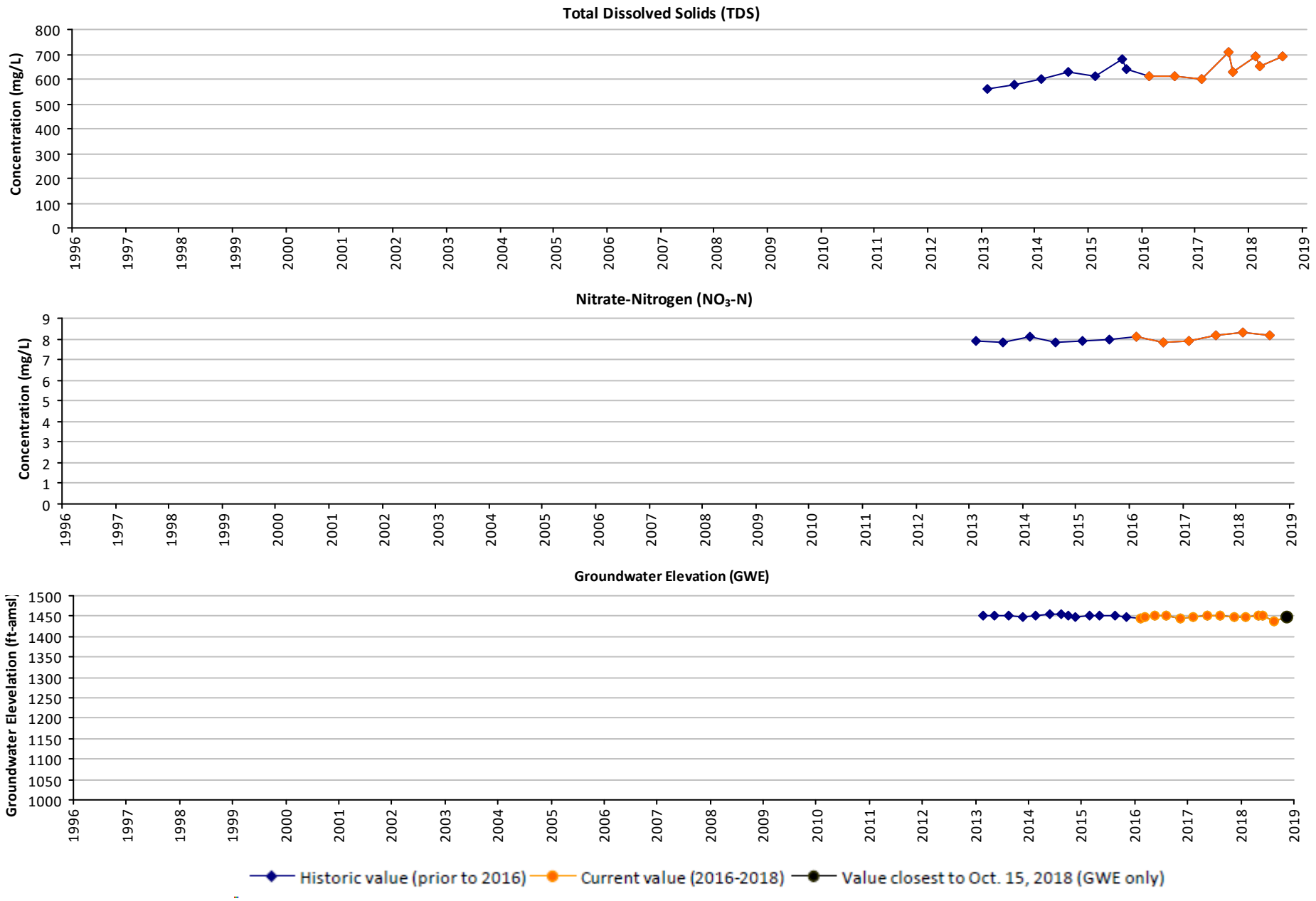

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

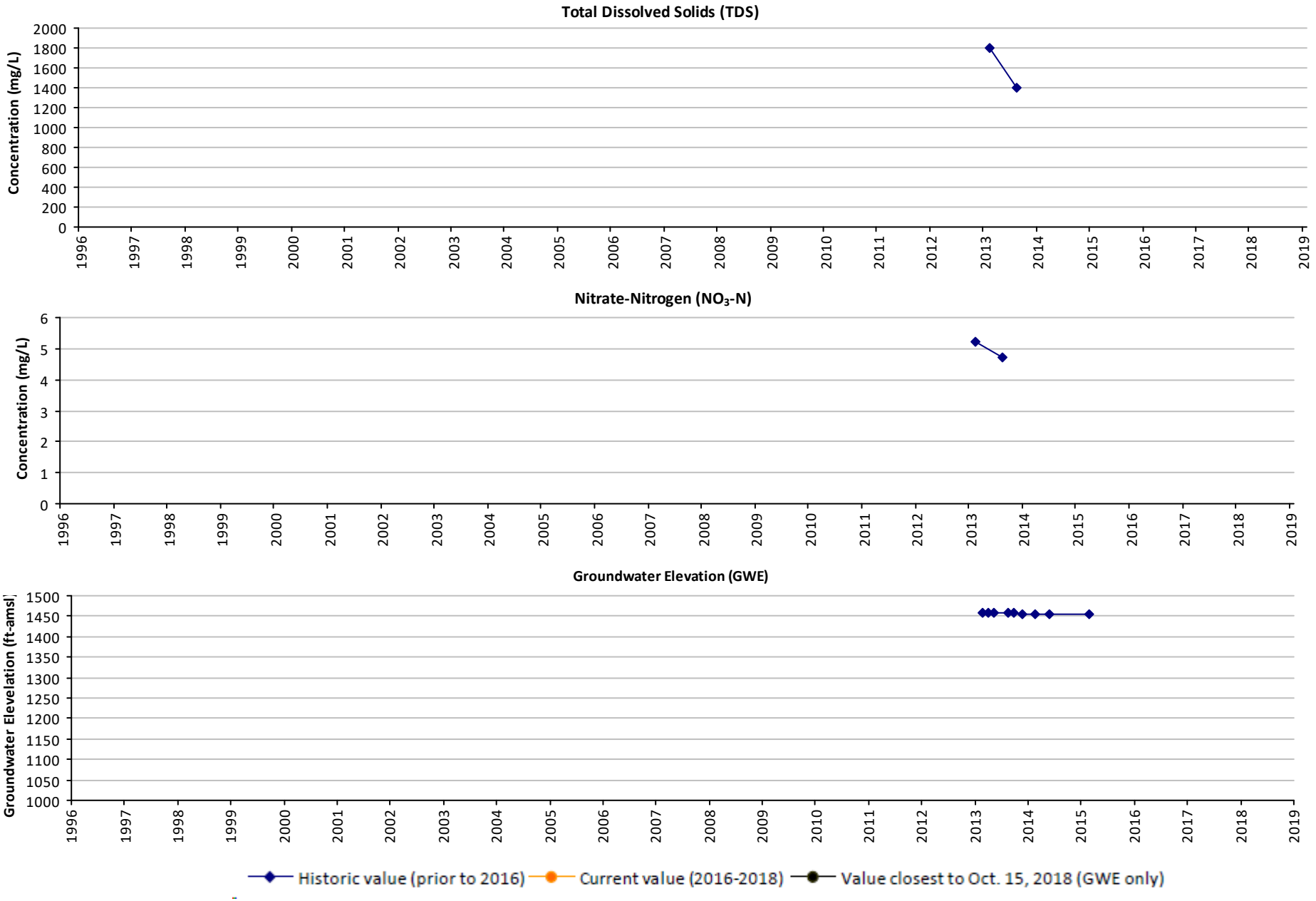

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

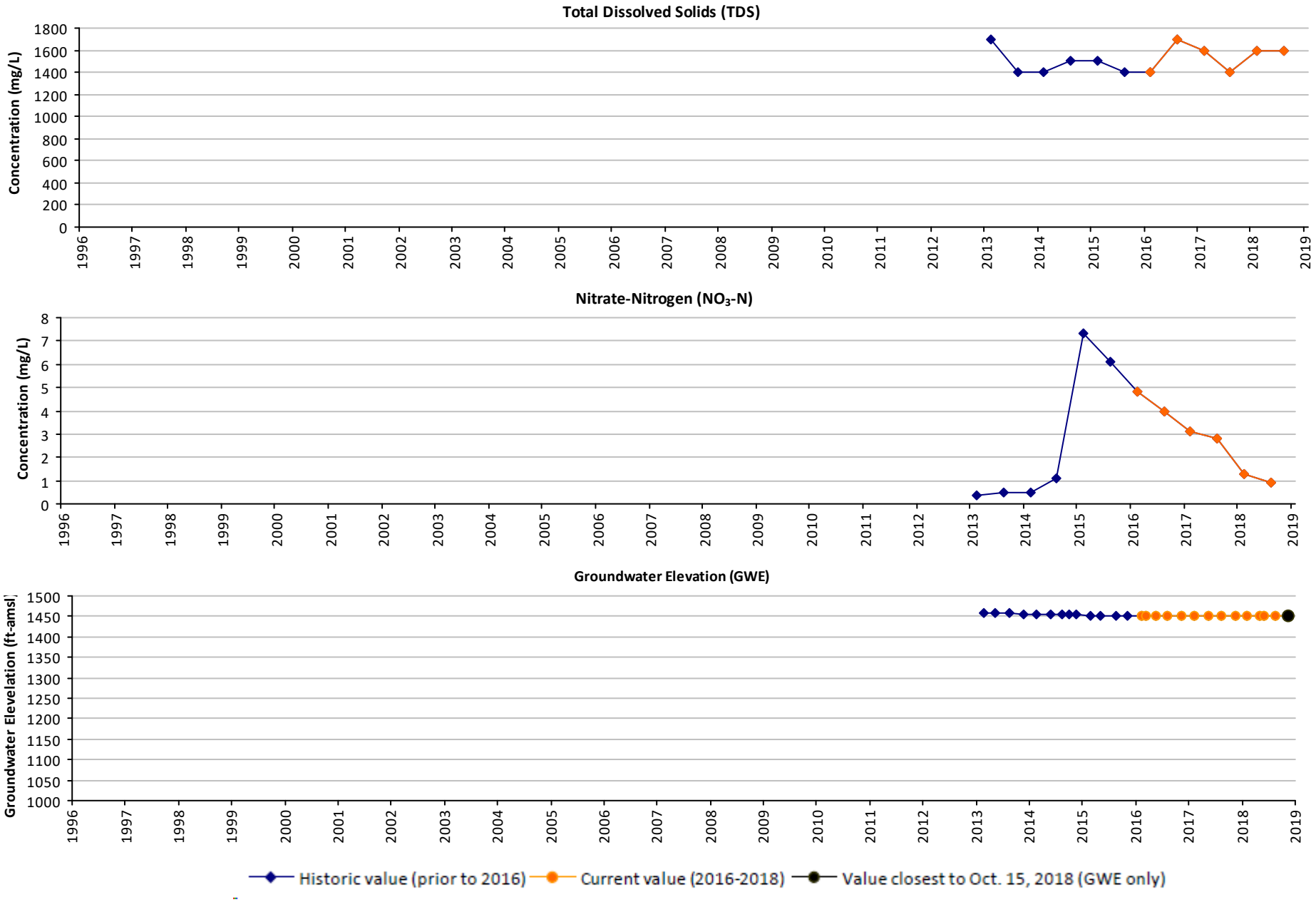

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

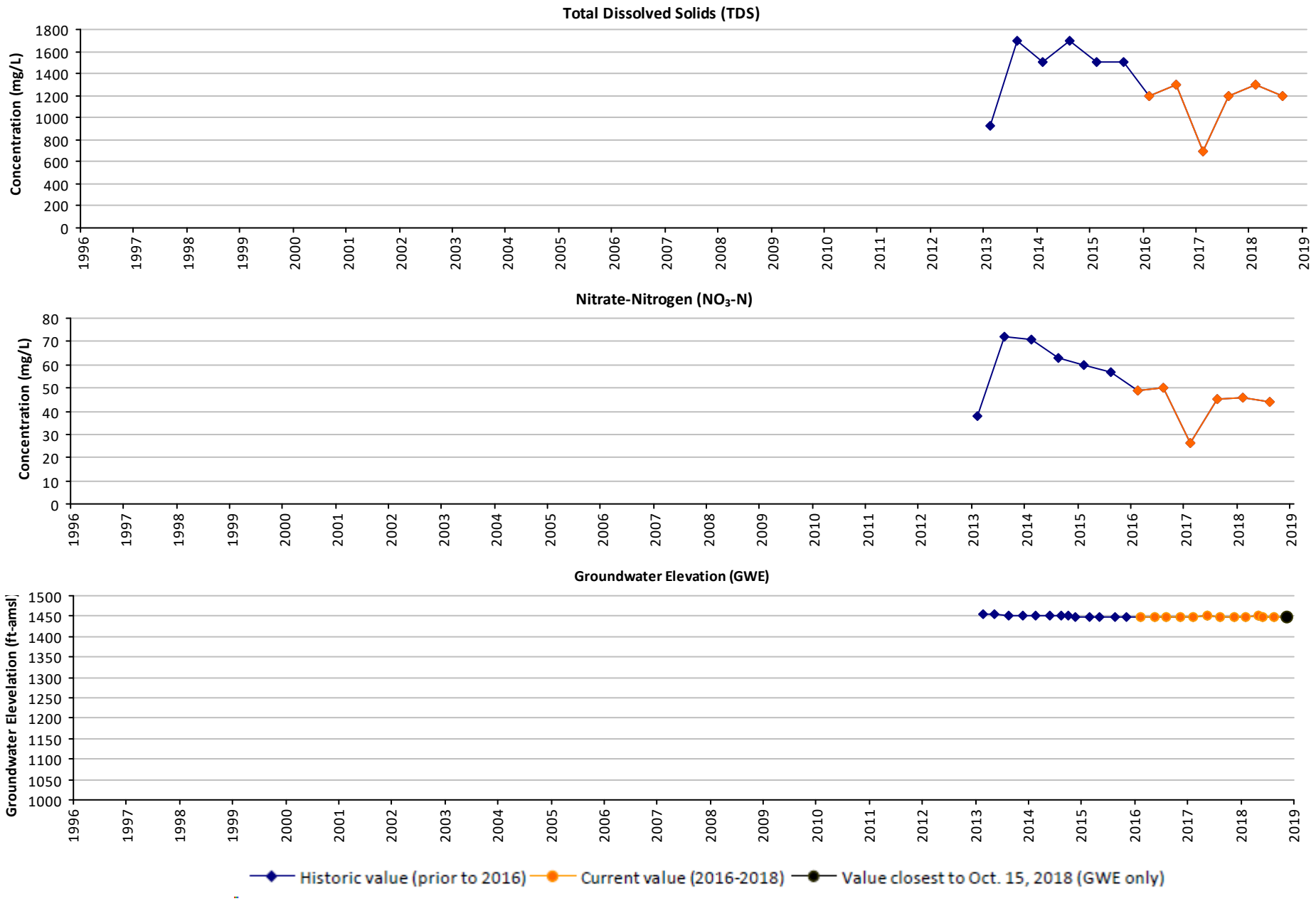

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

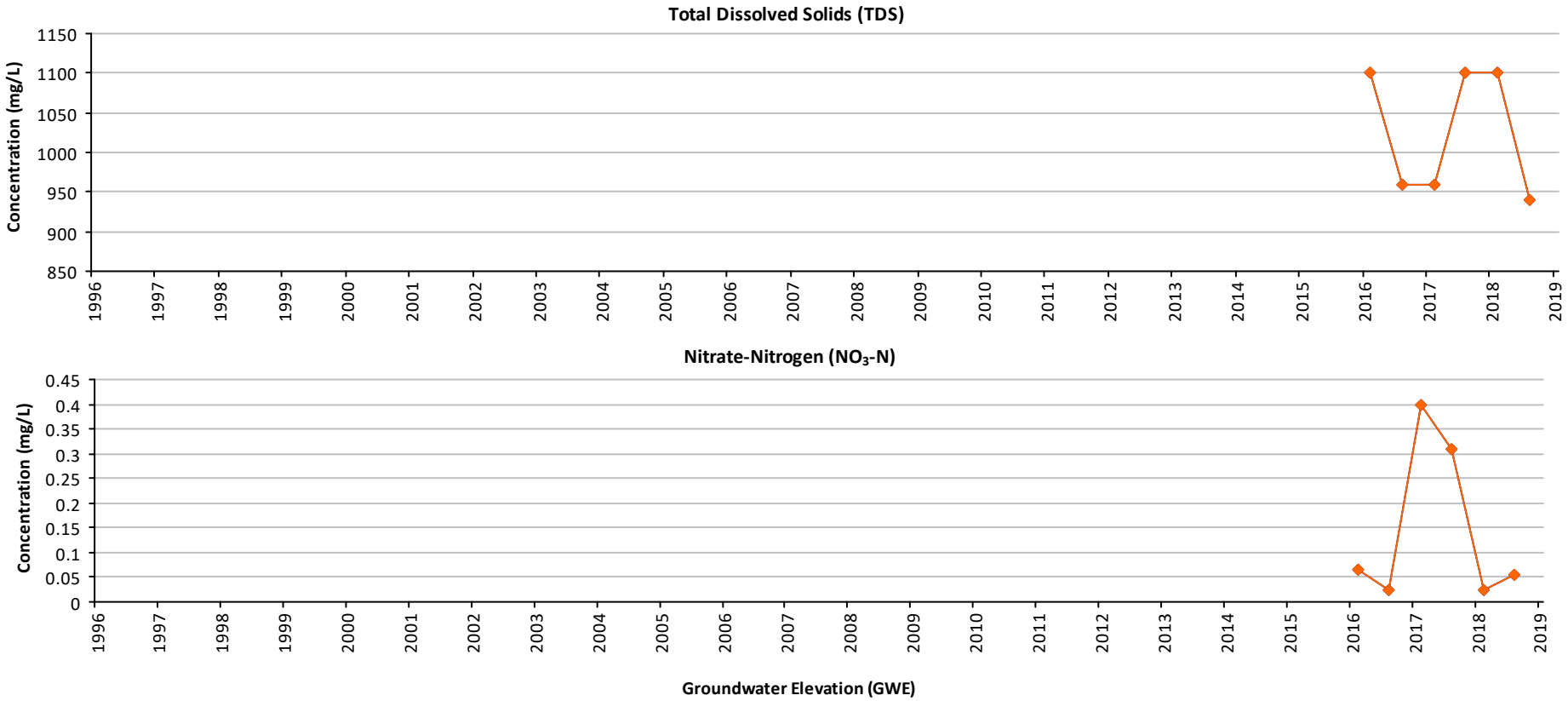

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

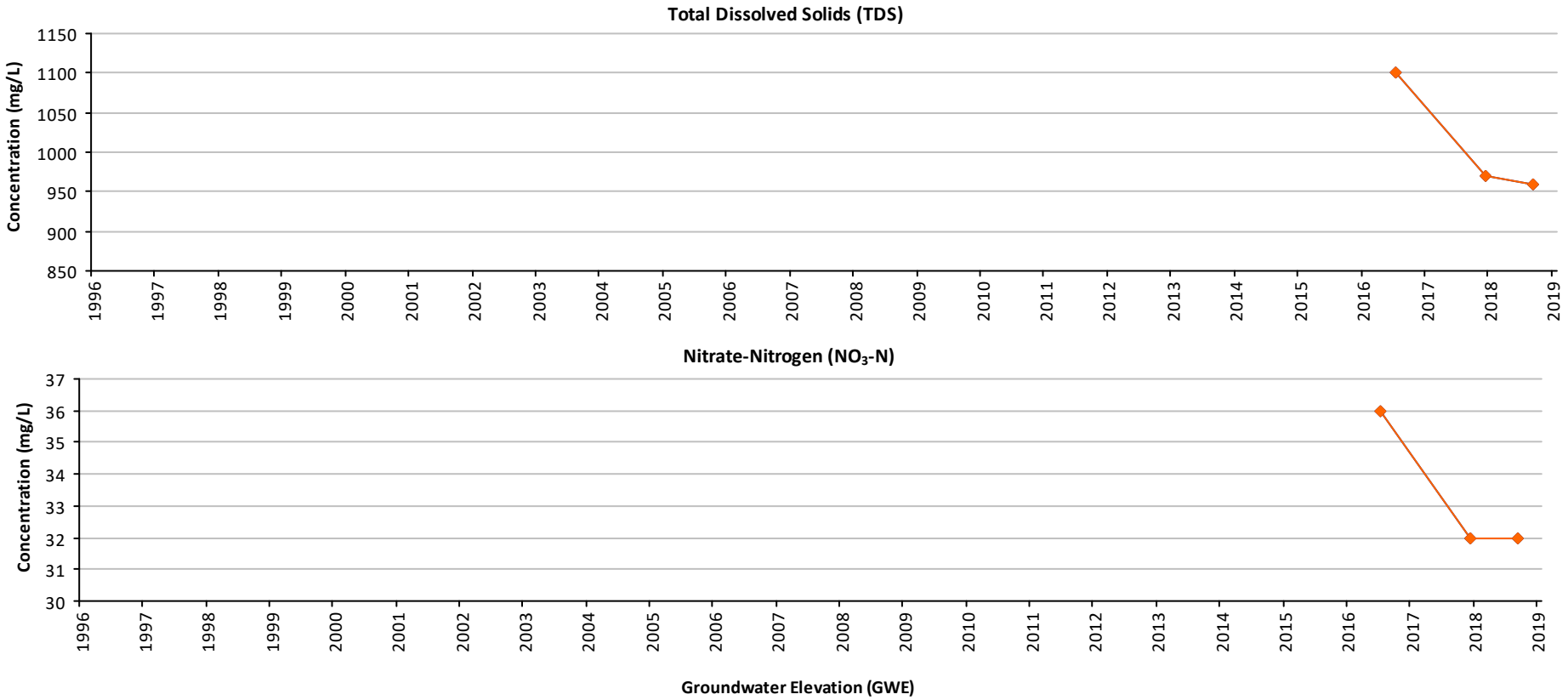

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

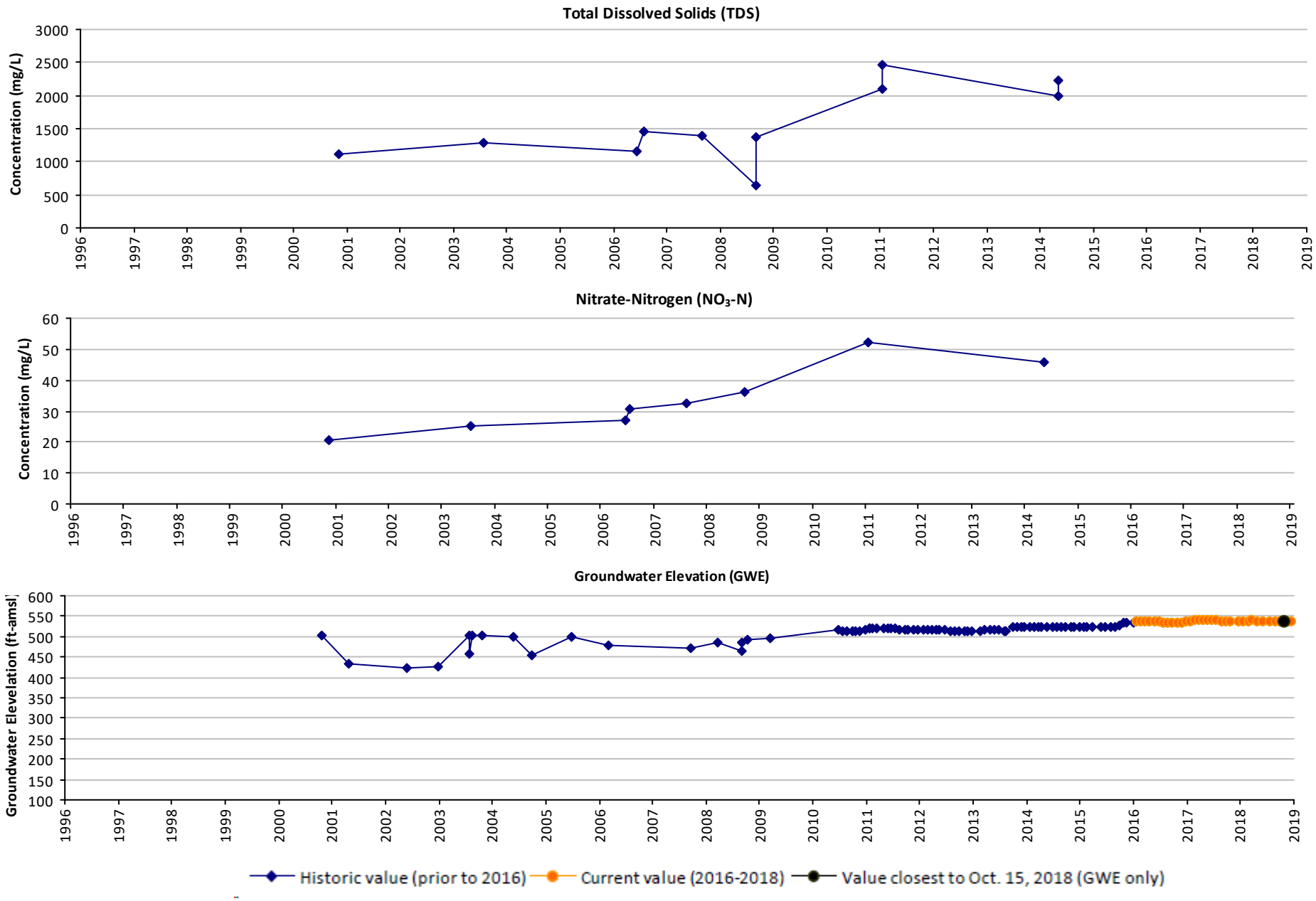

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

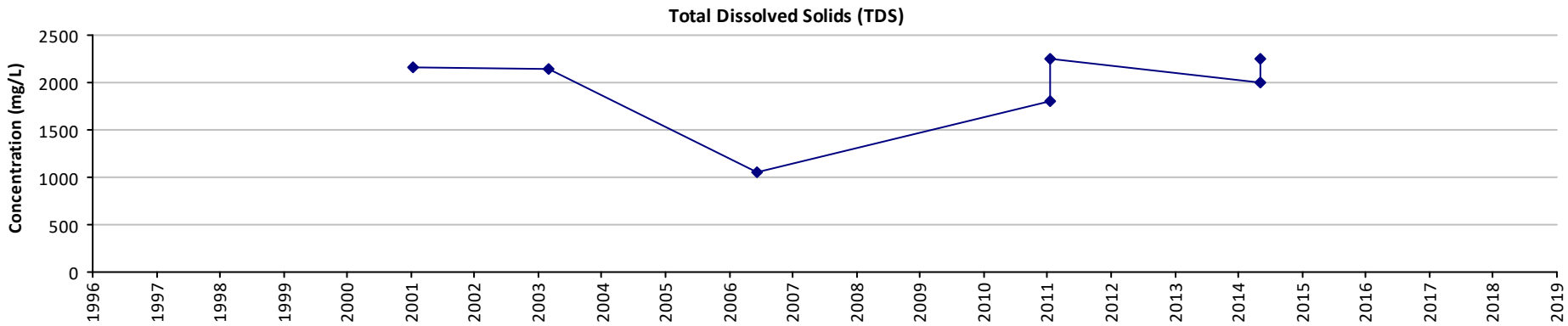

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
70
80
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

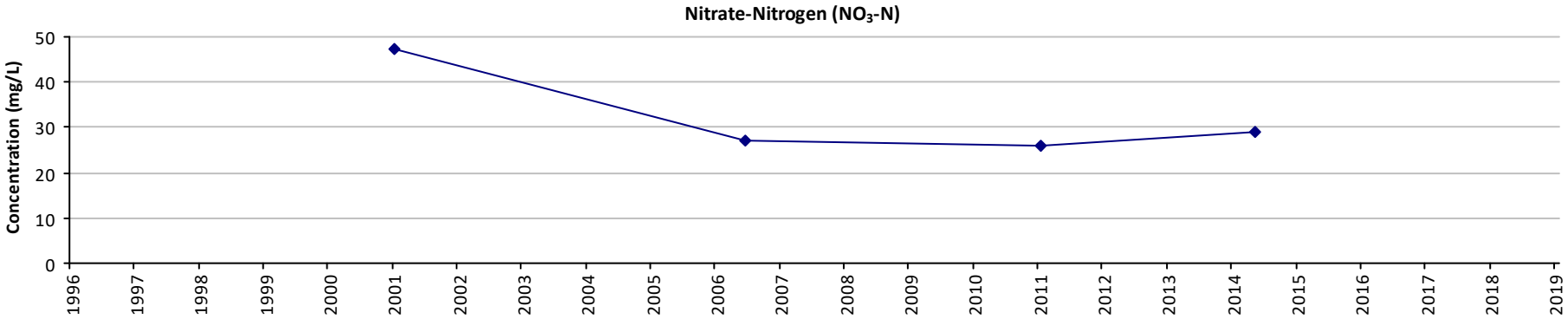
Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10.8
10.7
10.6
10.5
10.4
10.3
10.2
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1150
1100
1050
1000
950
900
850
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1150
1100
1050
1000
950
900
850
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
37
36
35
34
33
32
31
30
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
50
40
30
20
10
0
1996
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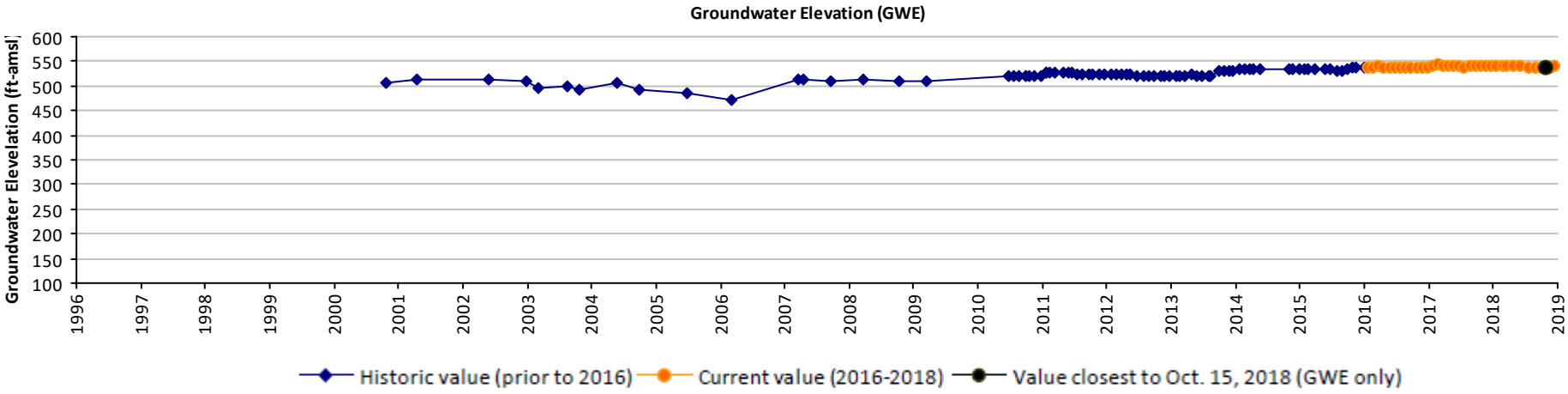
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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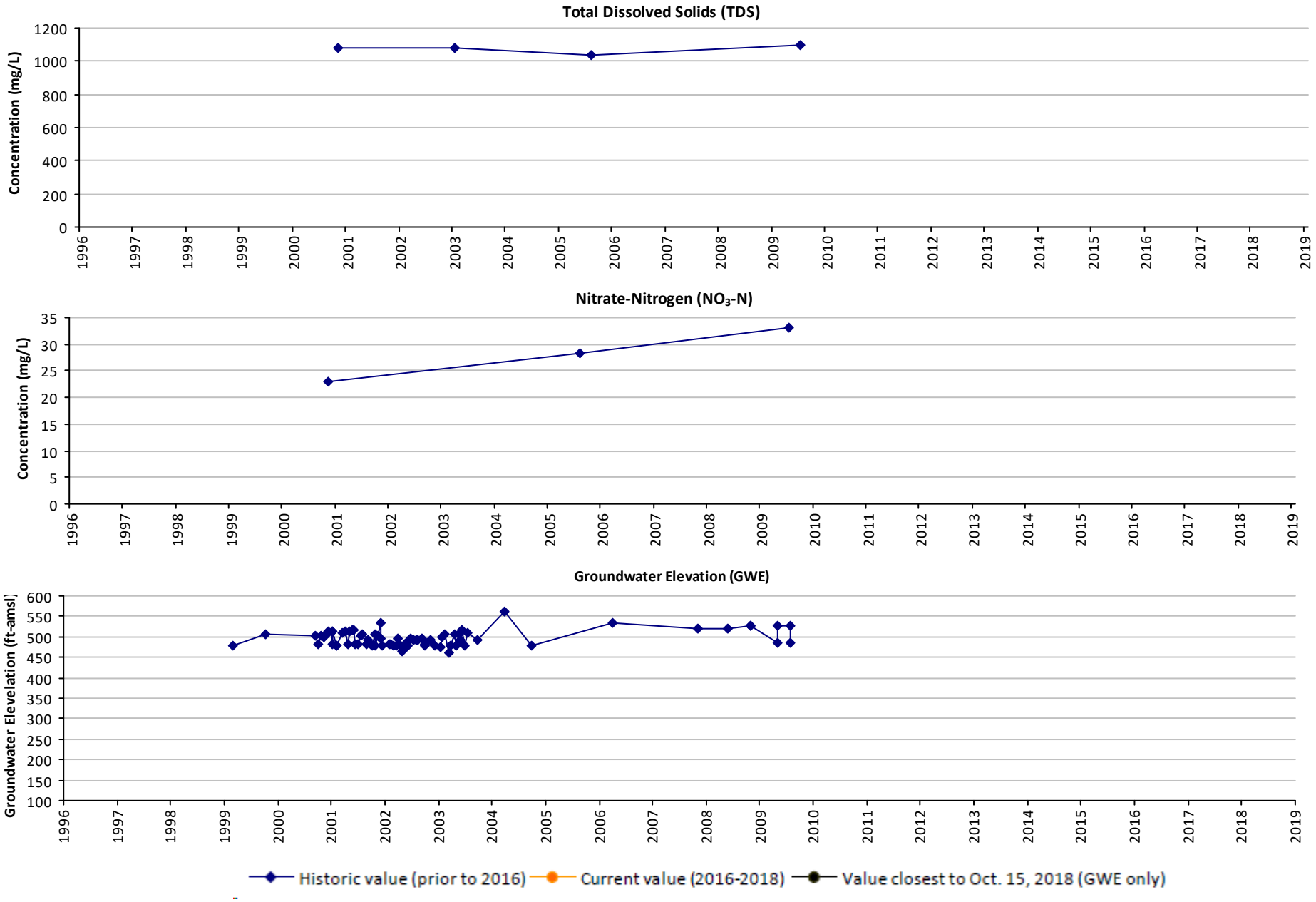
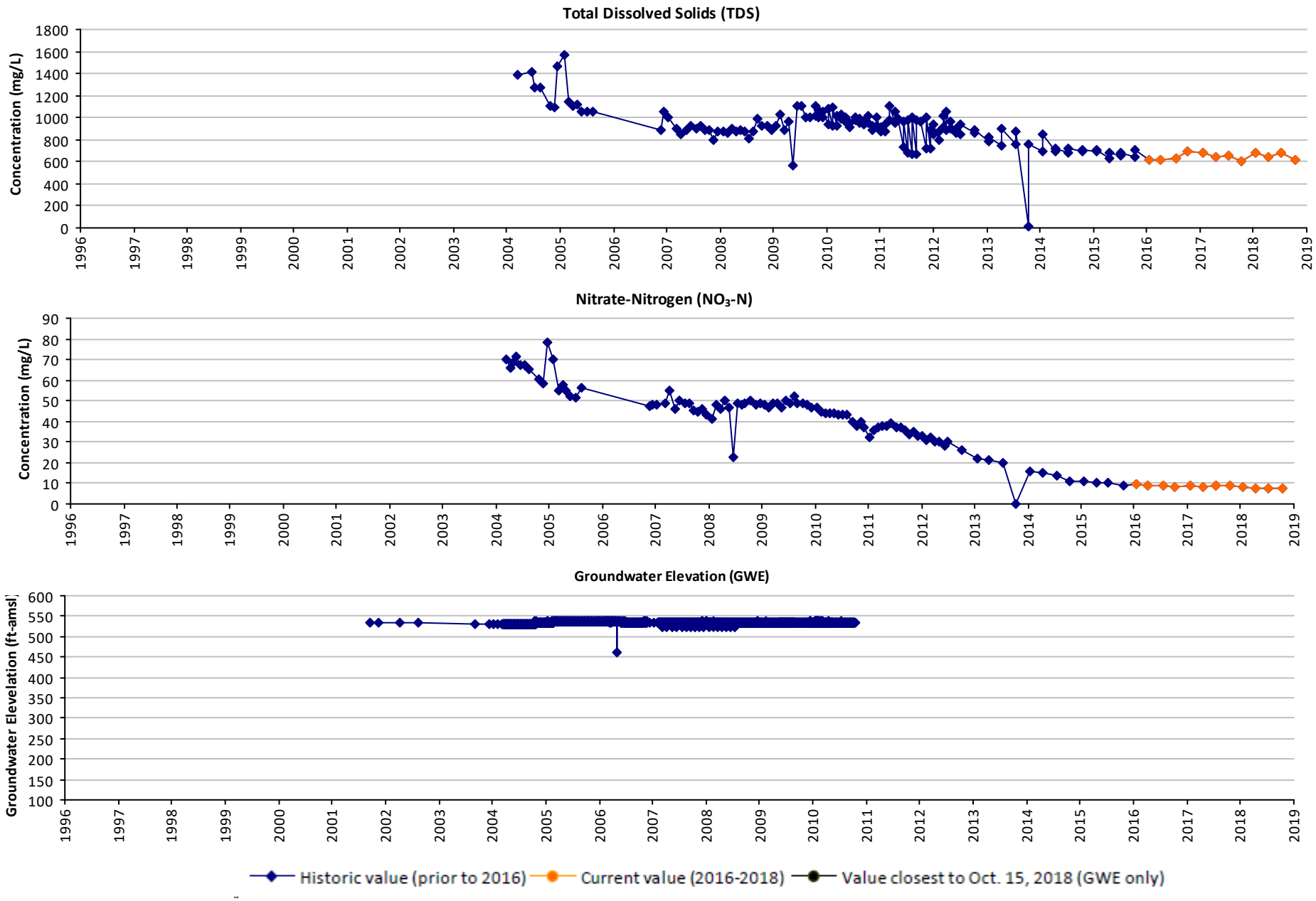
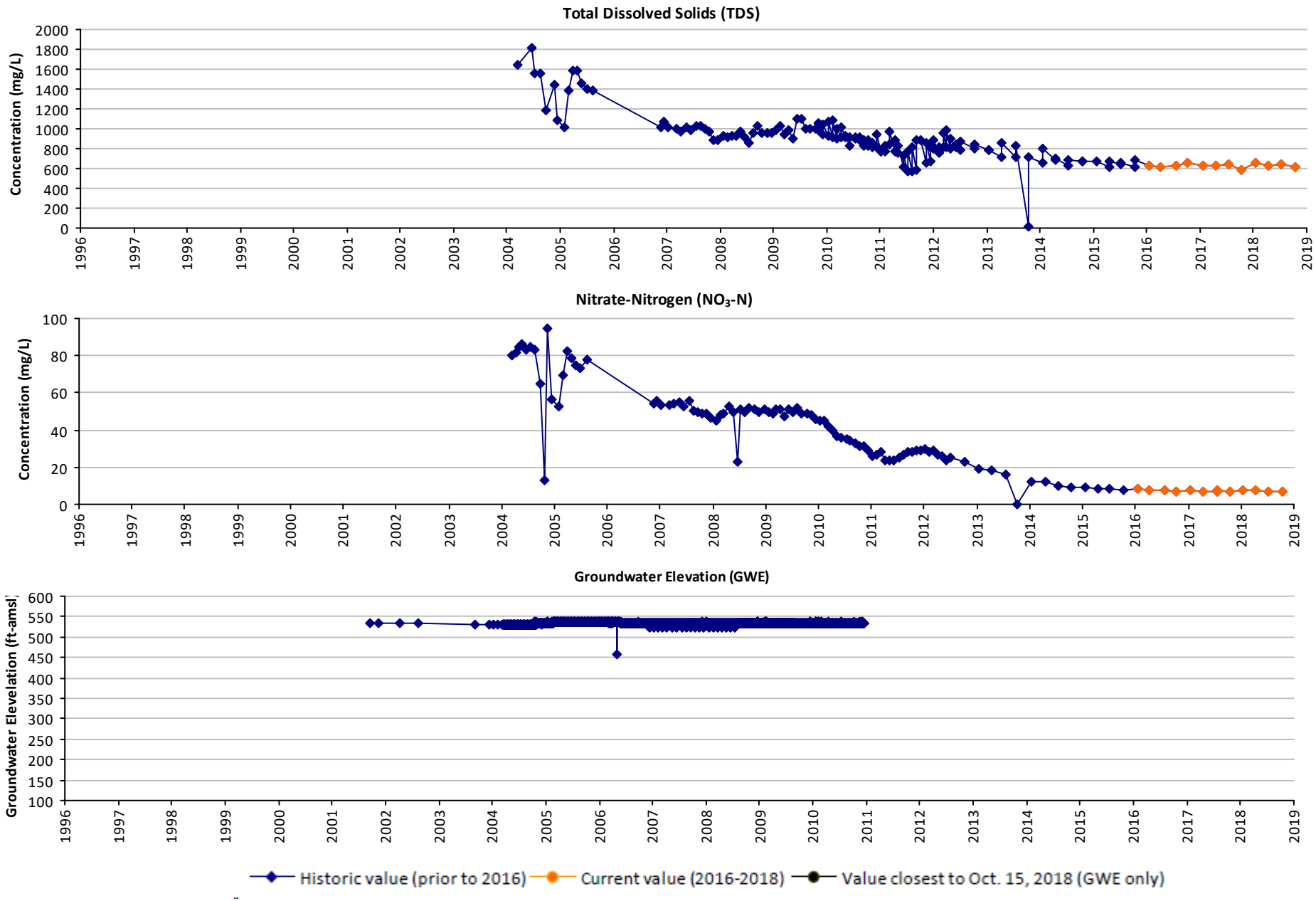
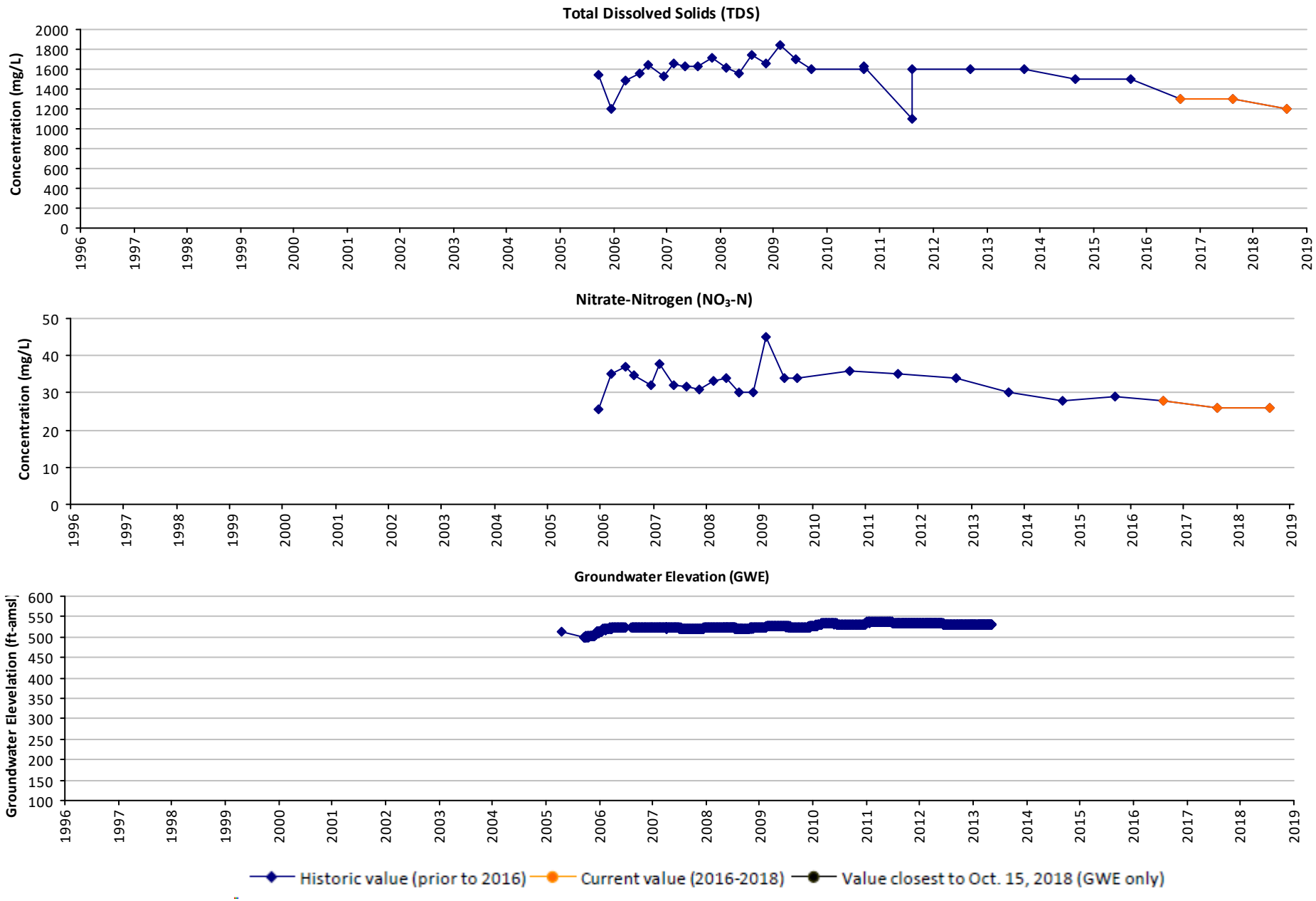
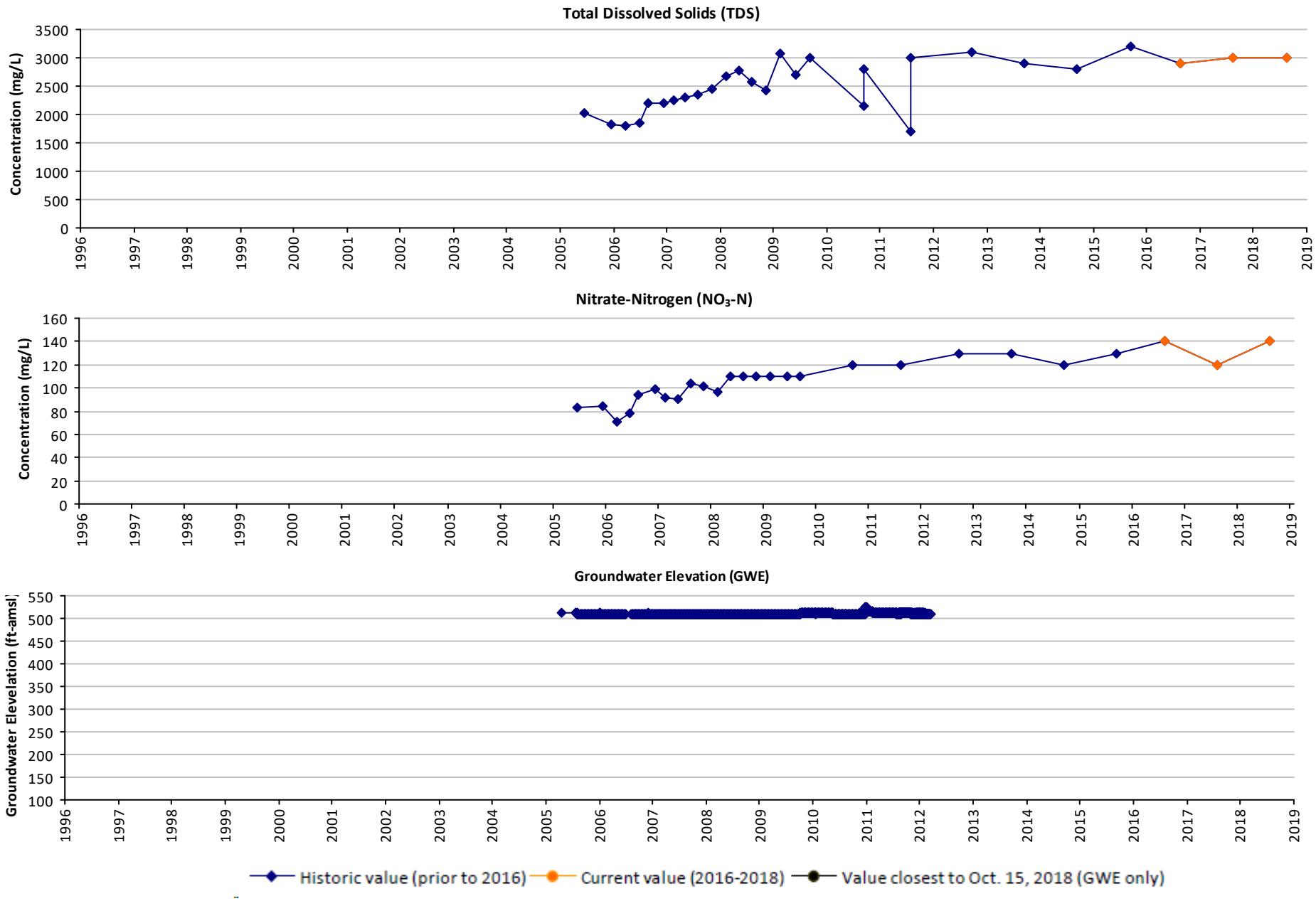
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

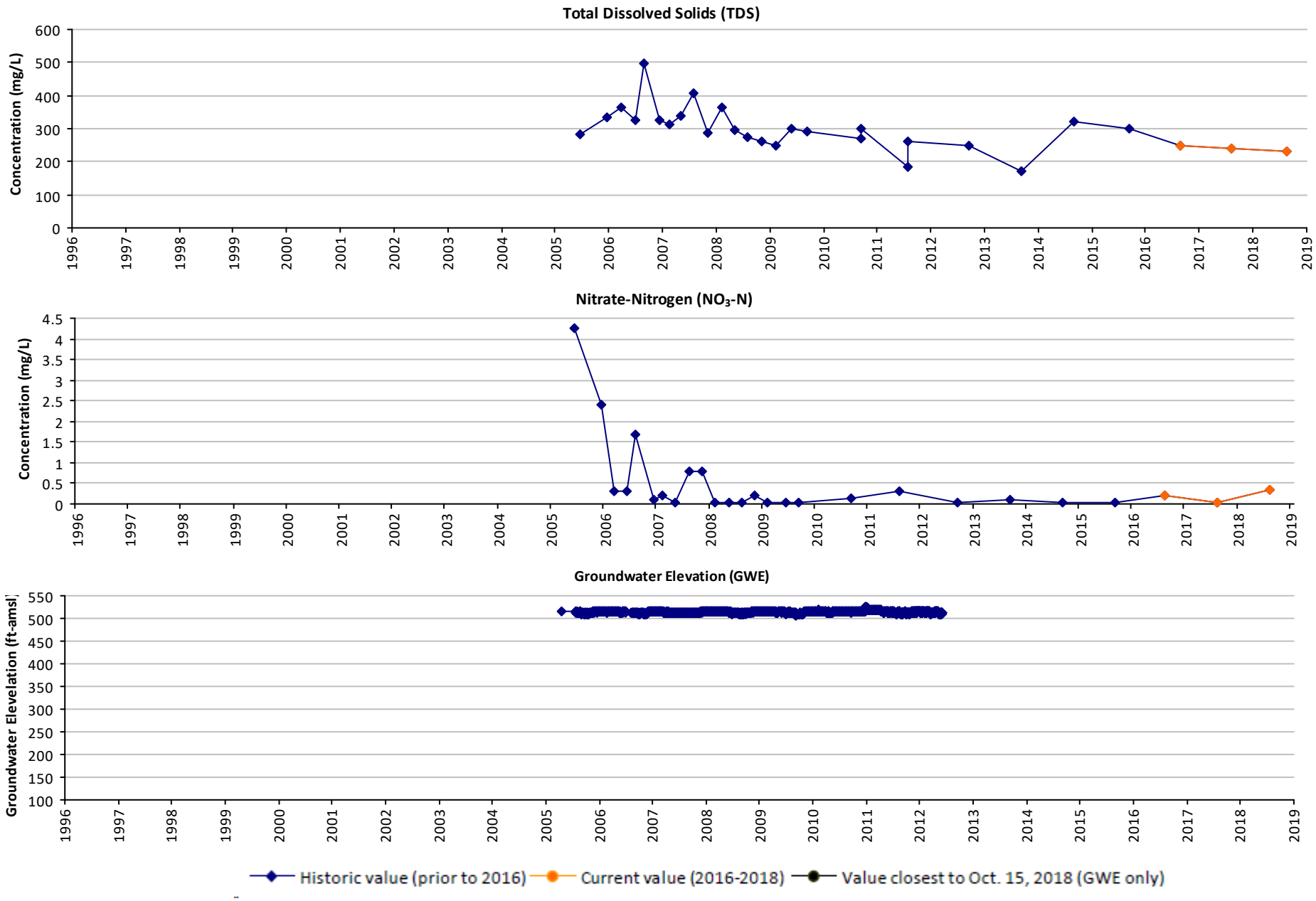

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

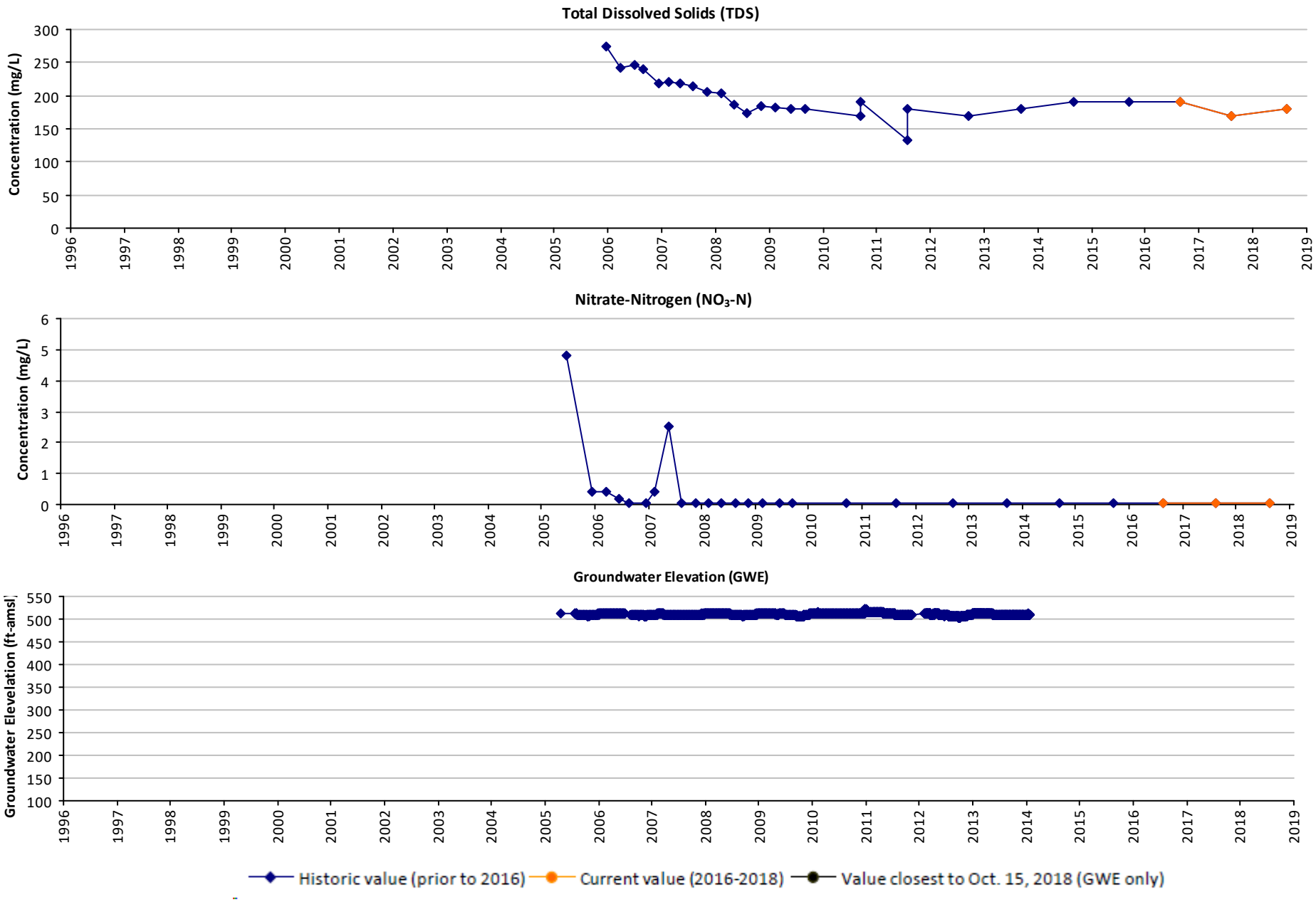

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

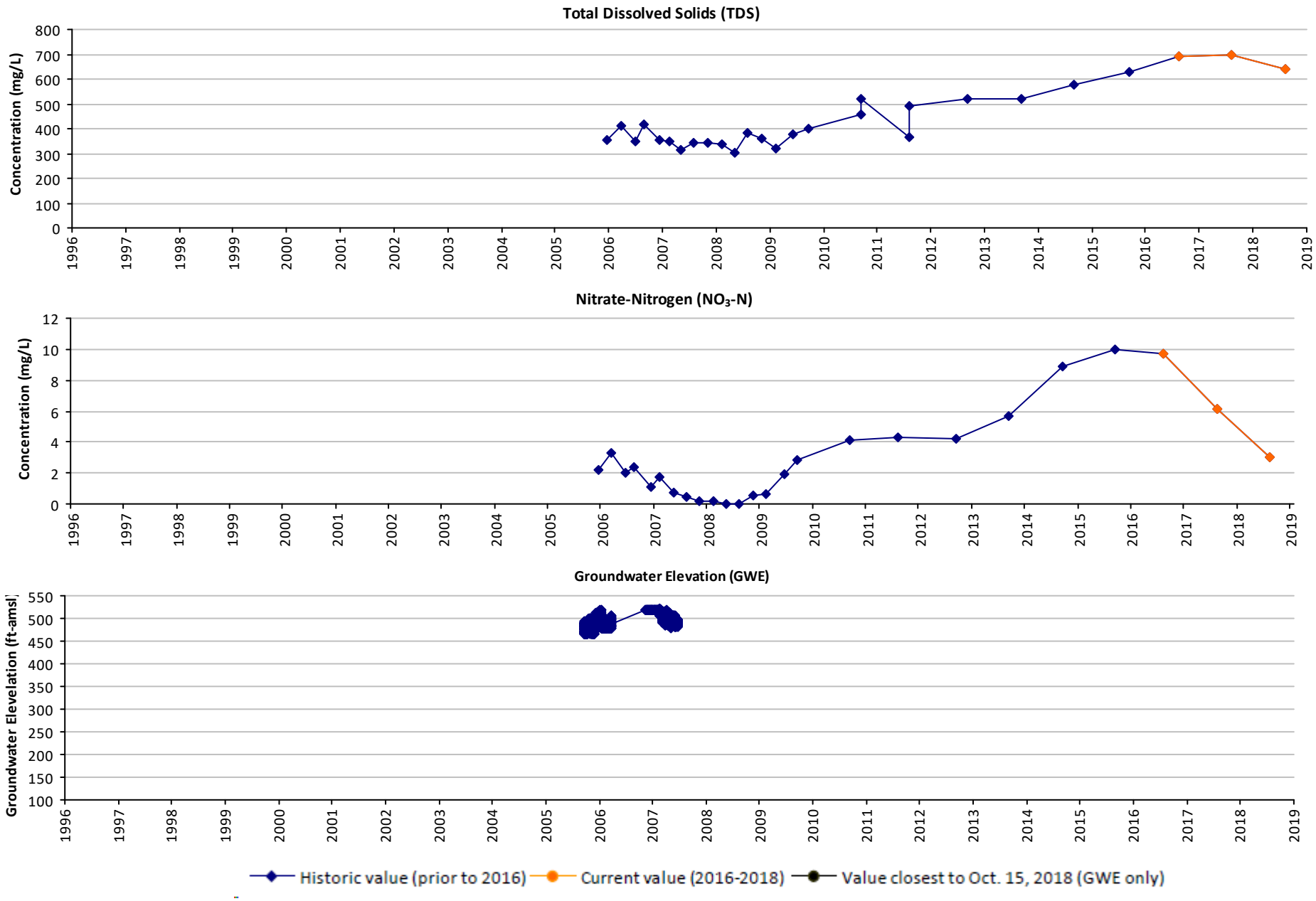

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

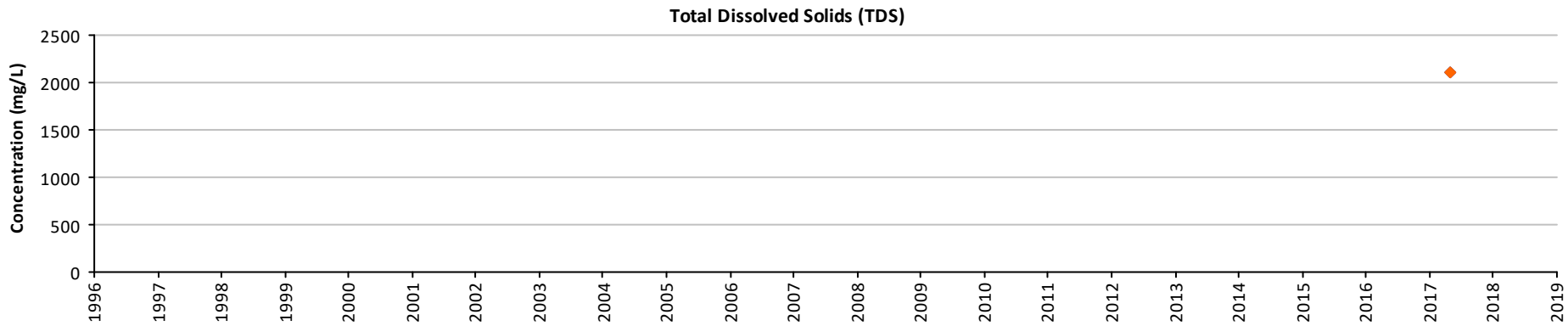

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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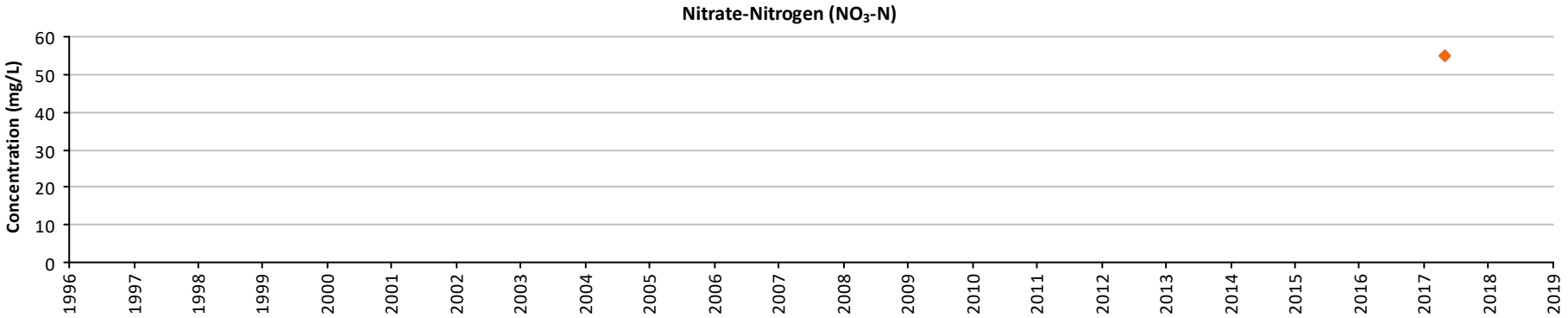
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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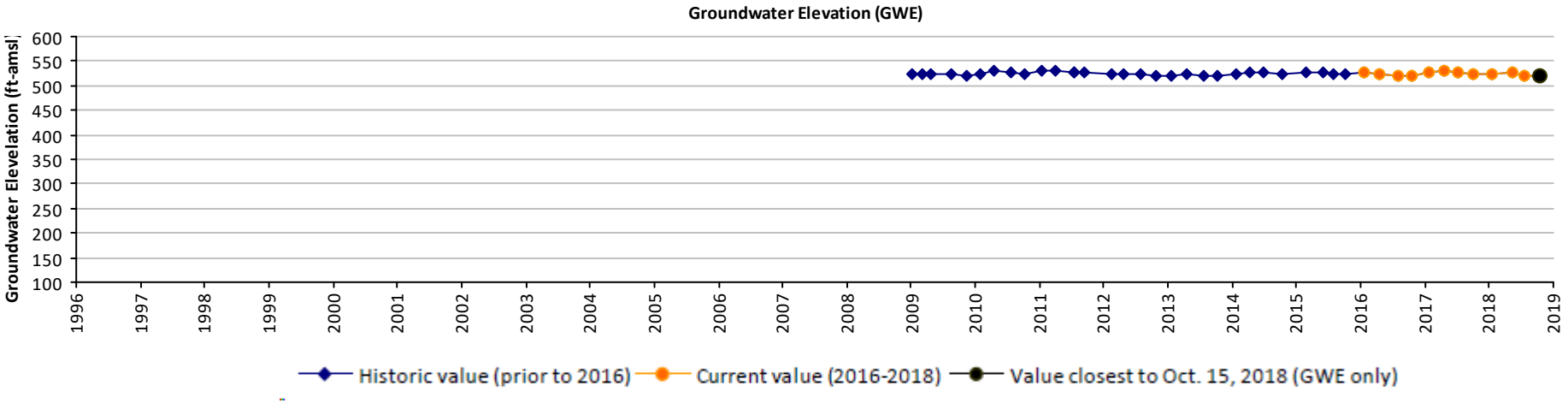
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
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2005
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2013
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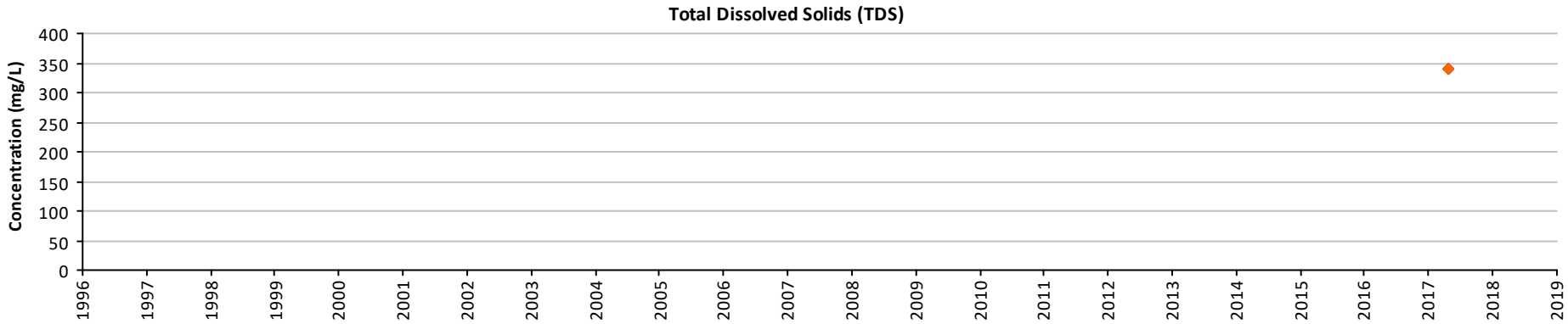
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
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2002
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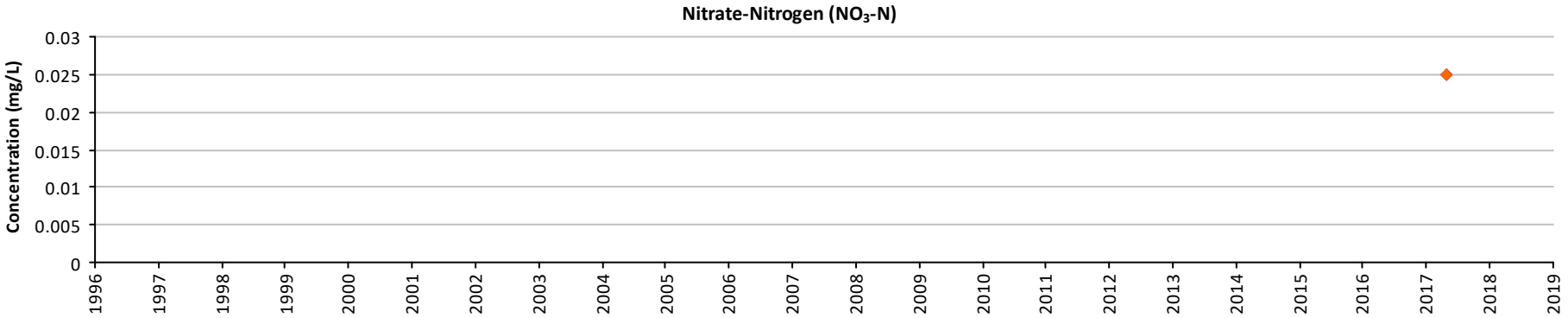
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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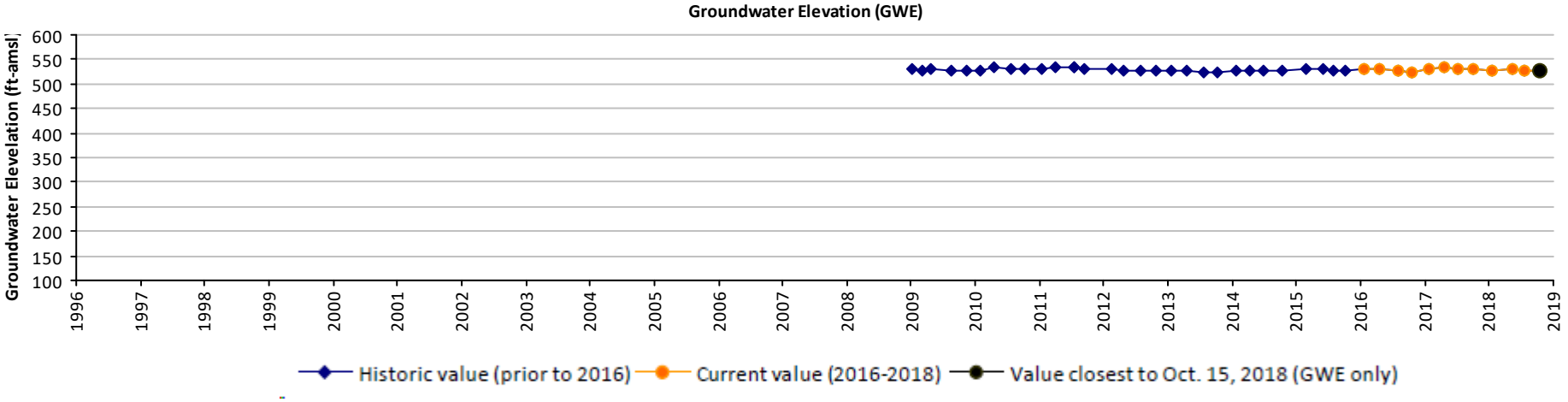
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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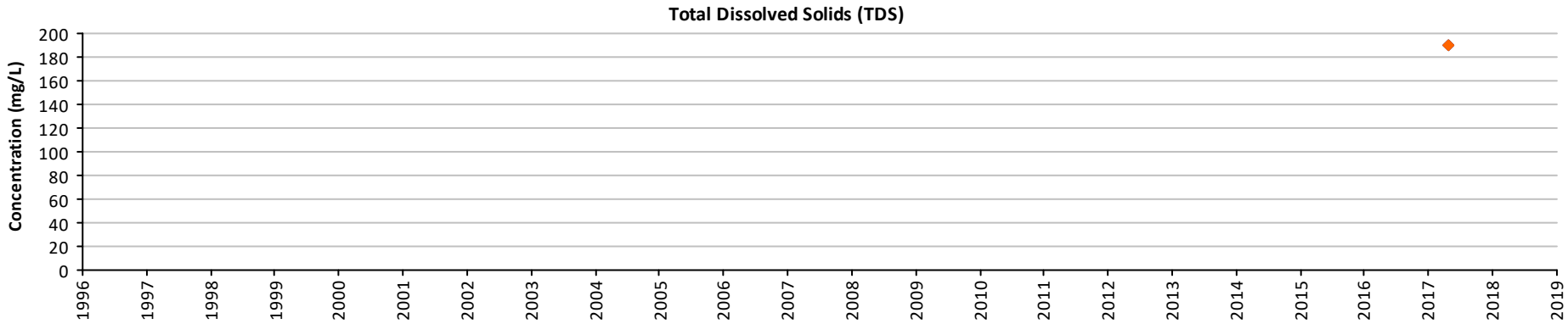
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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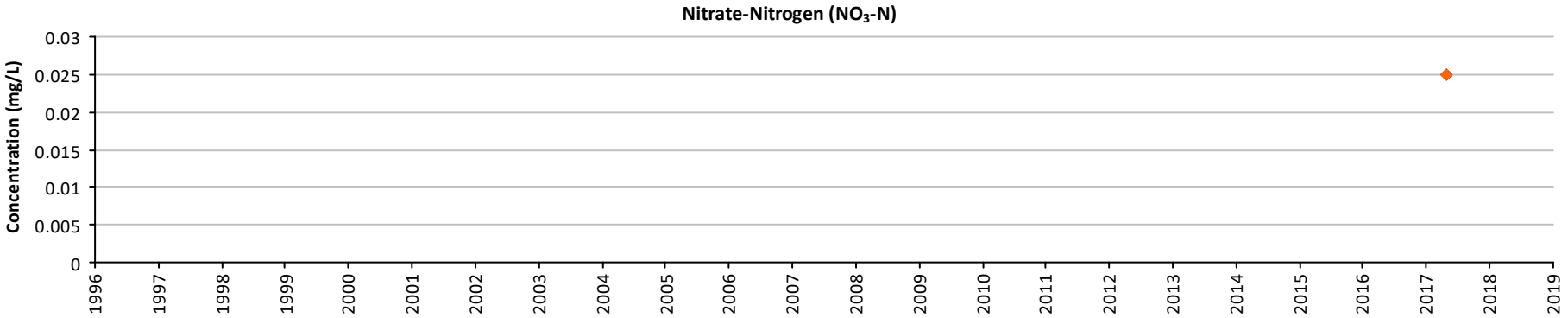
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
2004
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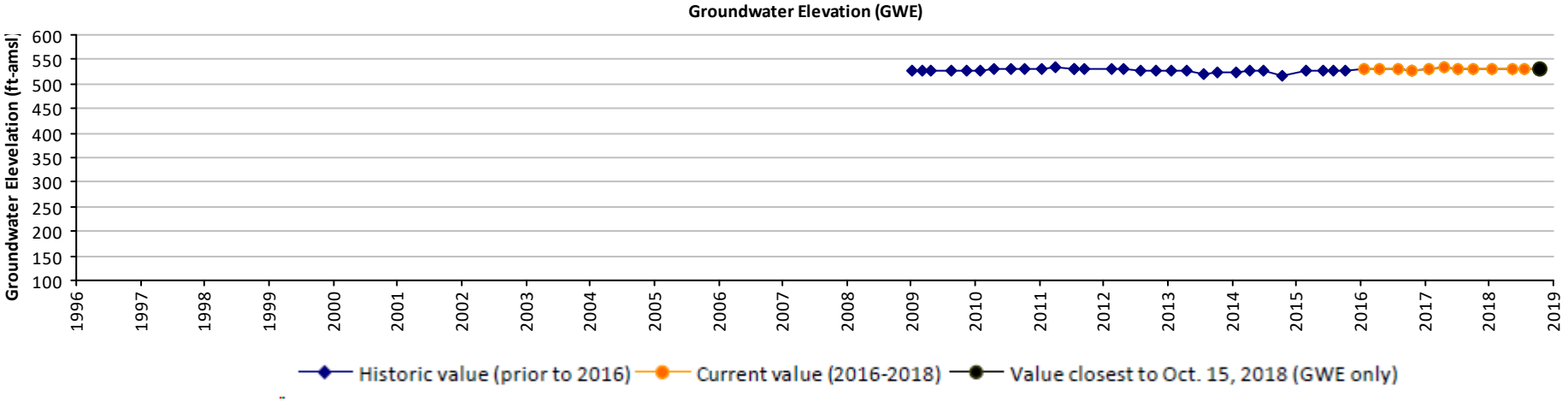
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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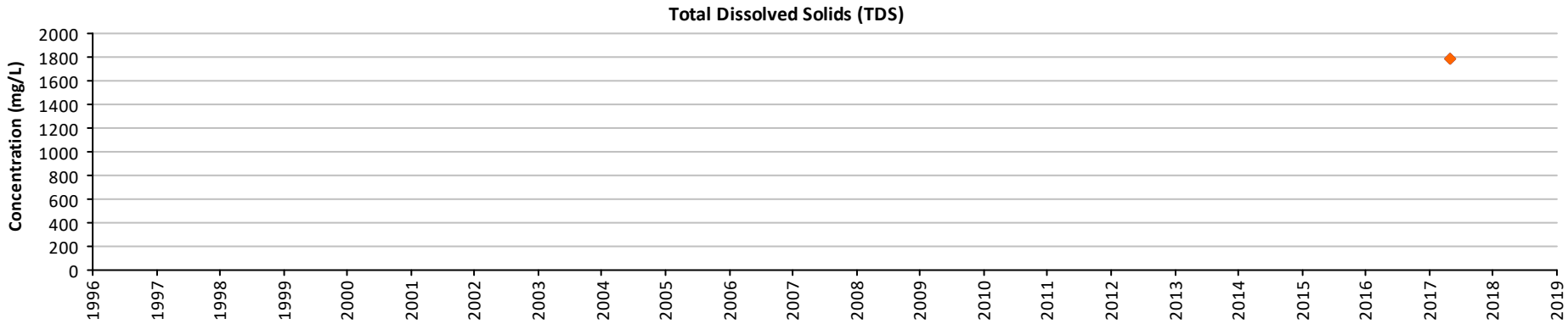
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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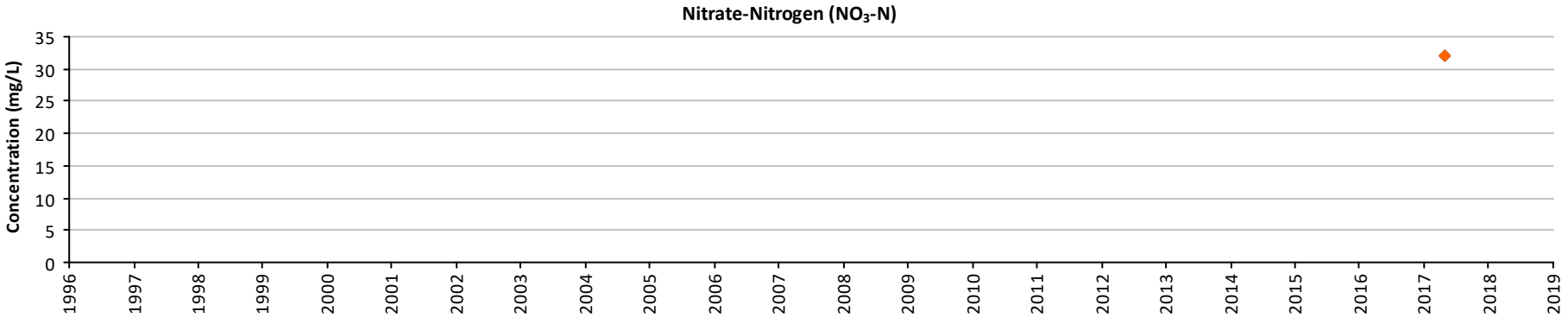
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
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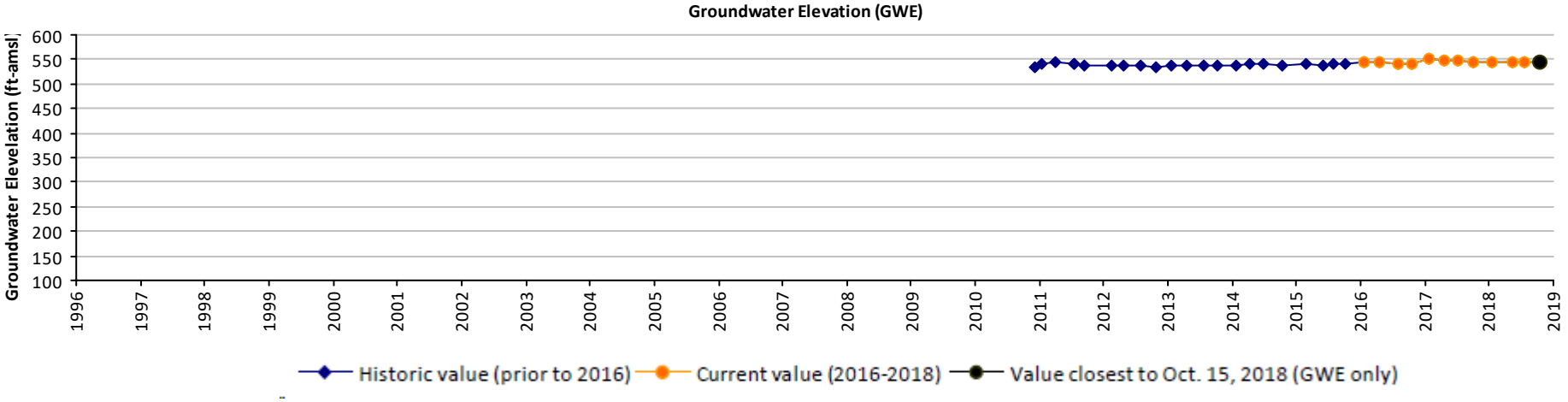
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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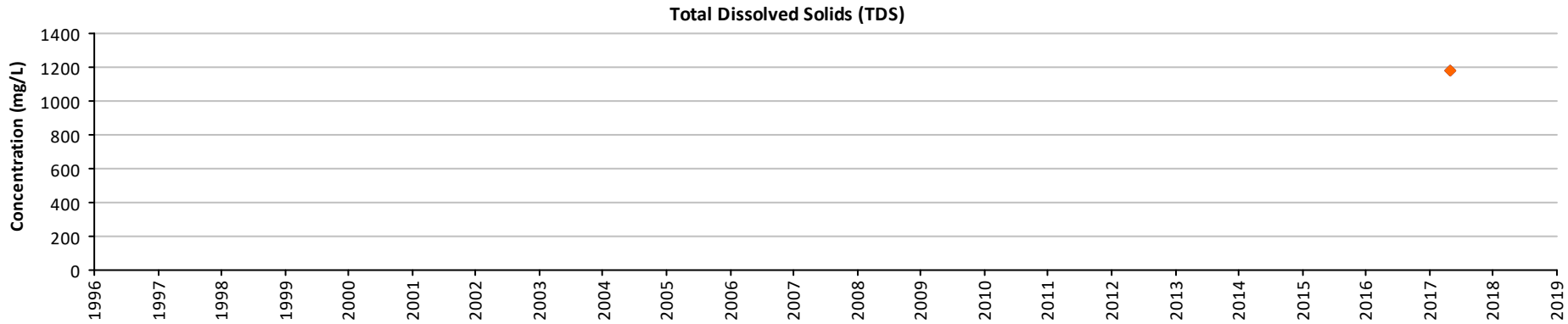
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
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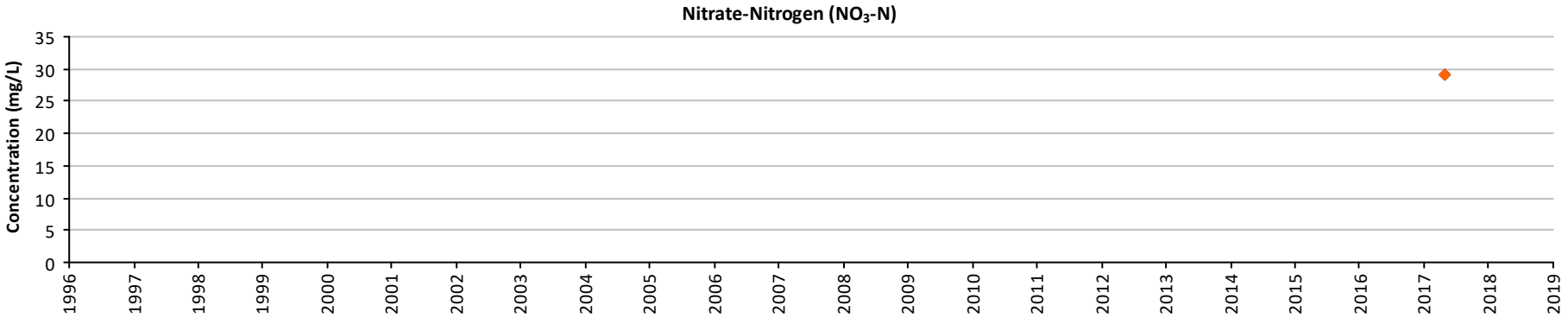
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
1996
1997
1998
1999
2000
2001
2002
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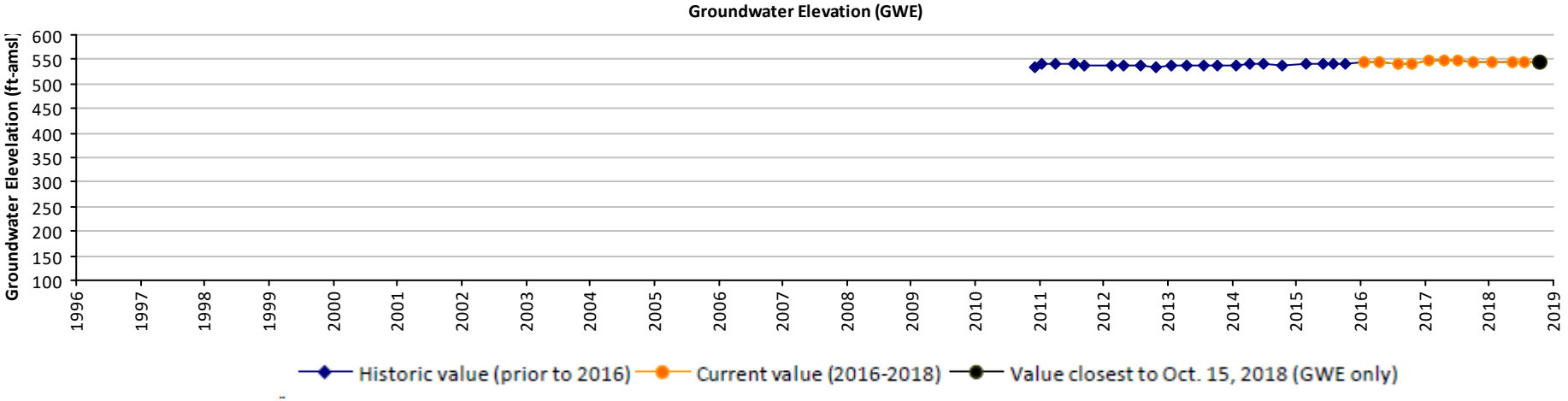
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2010
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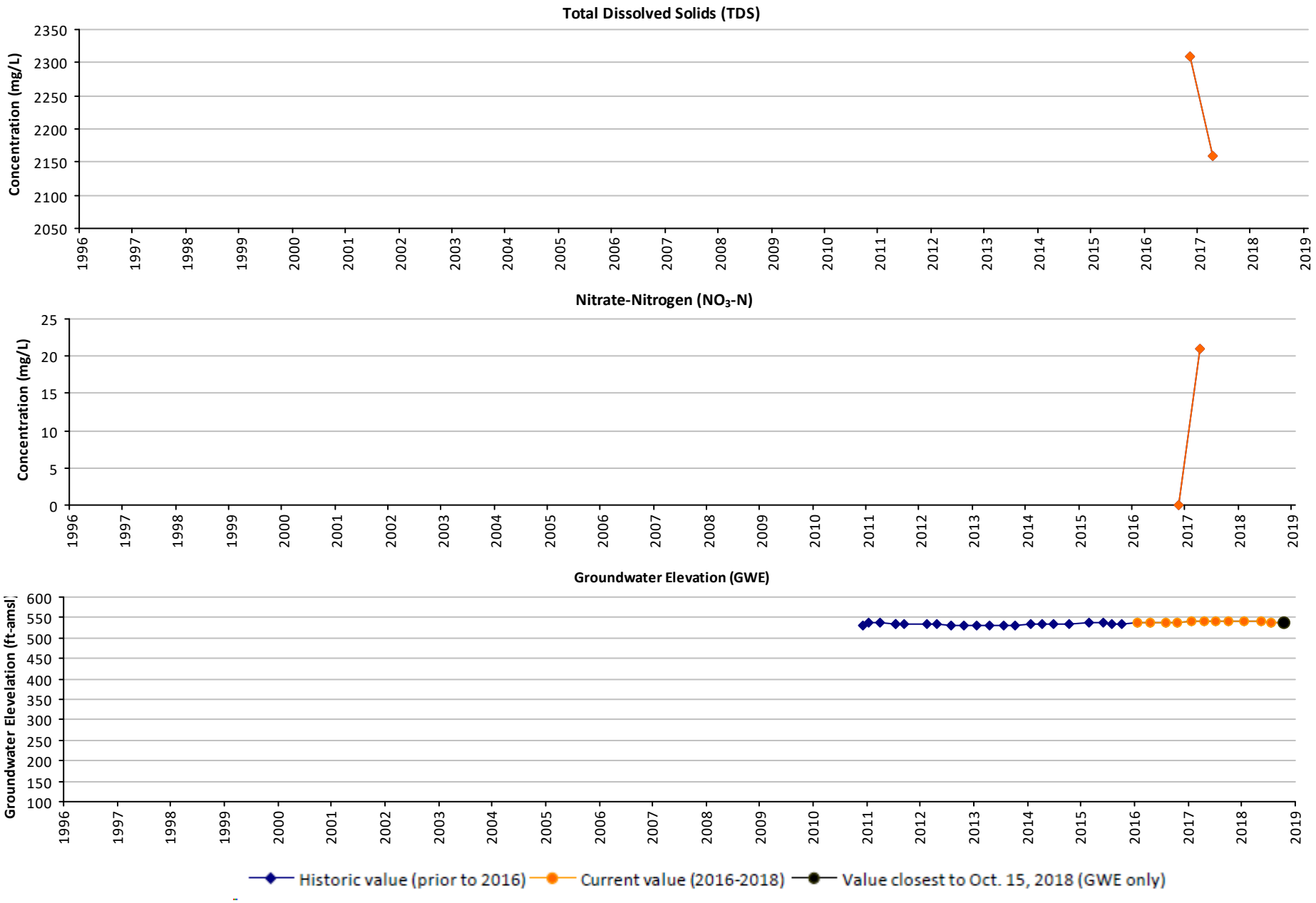
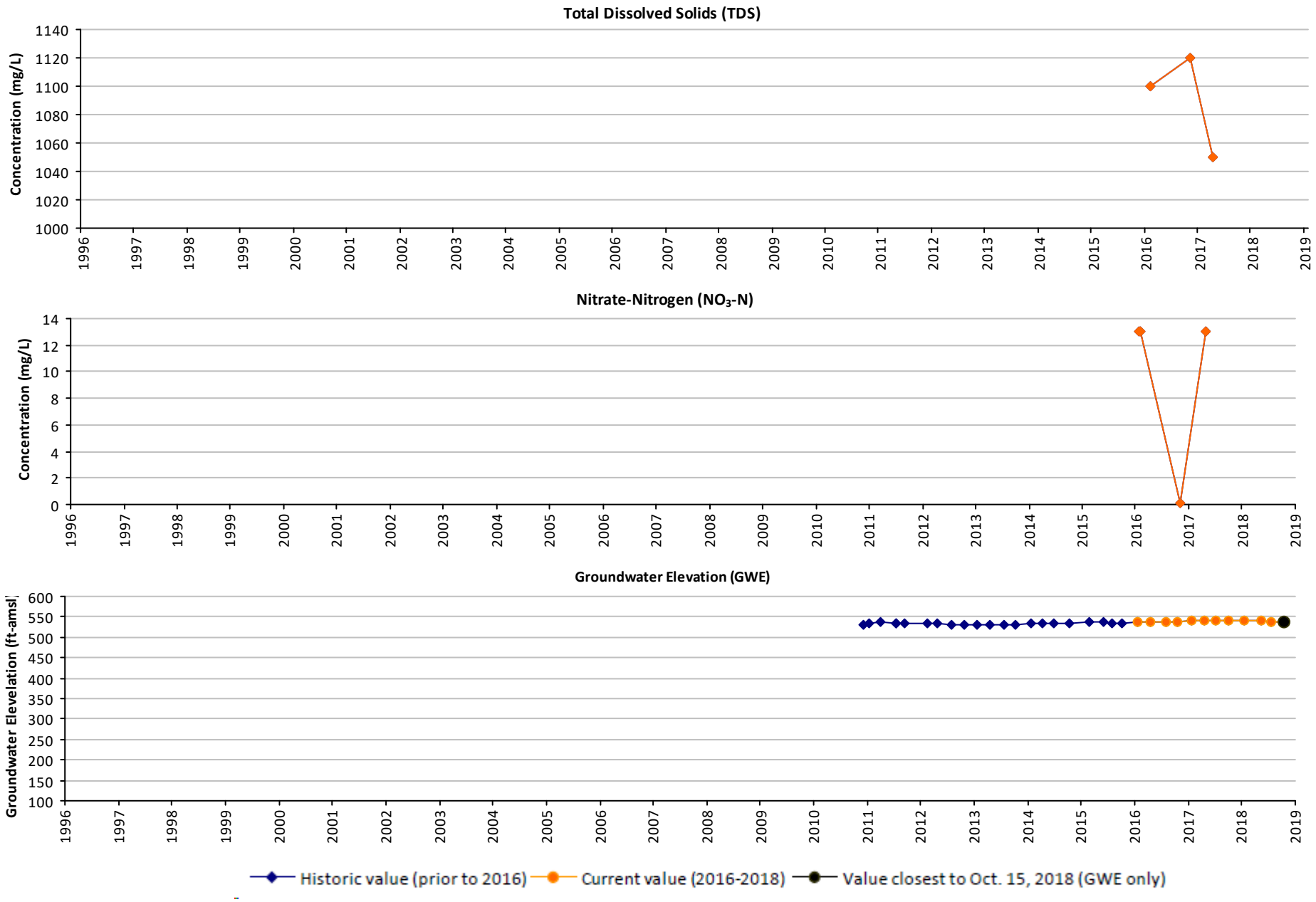
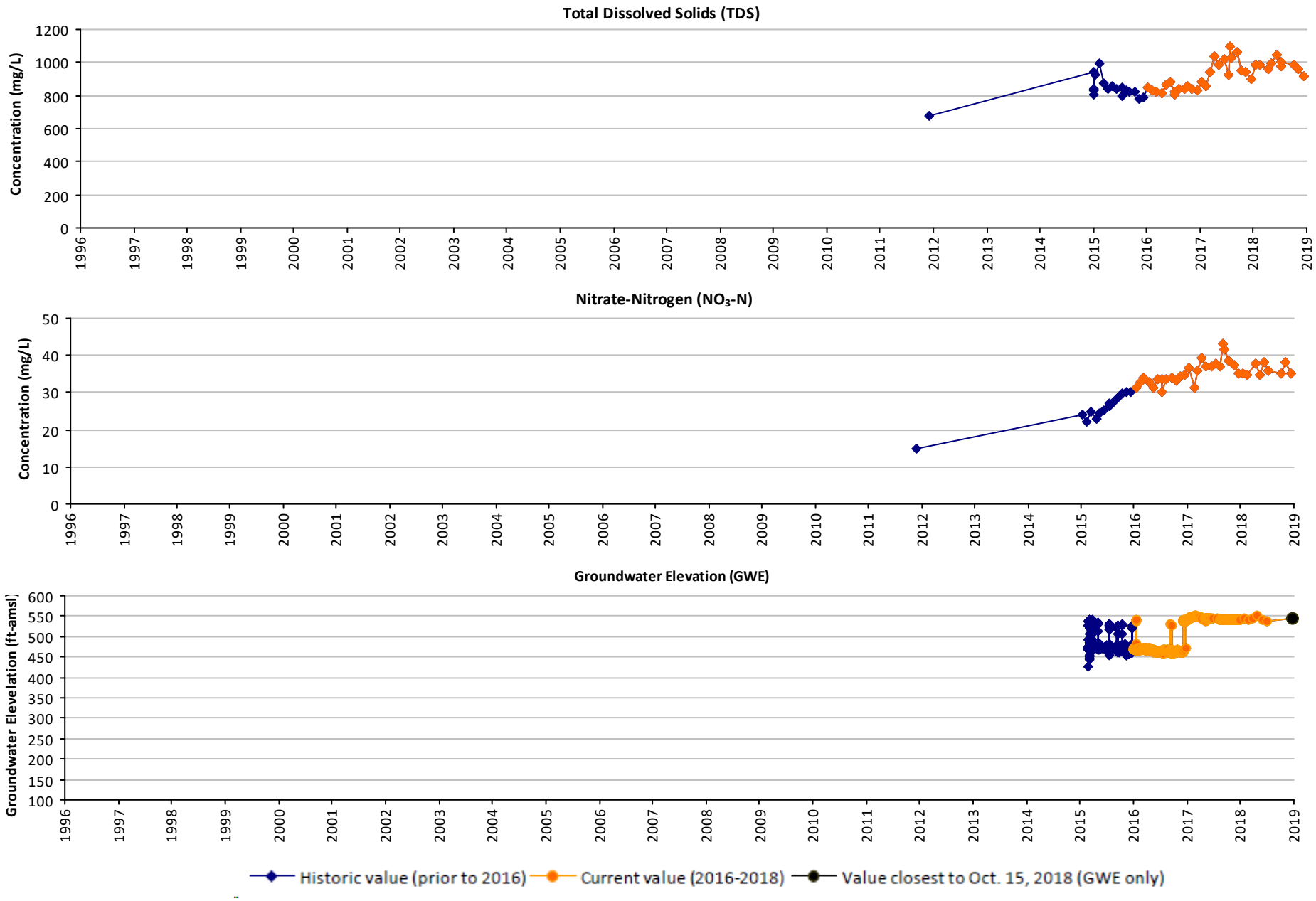
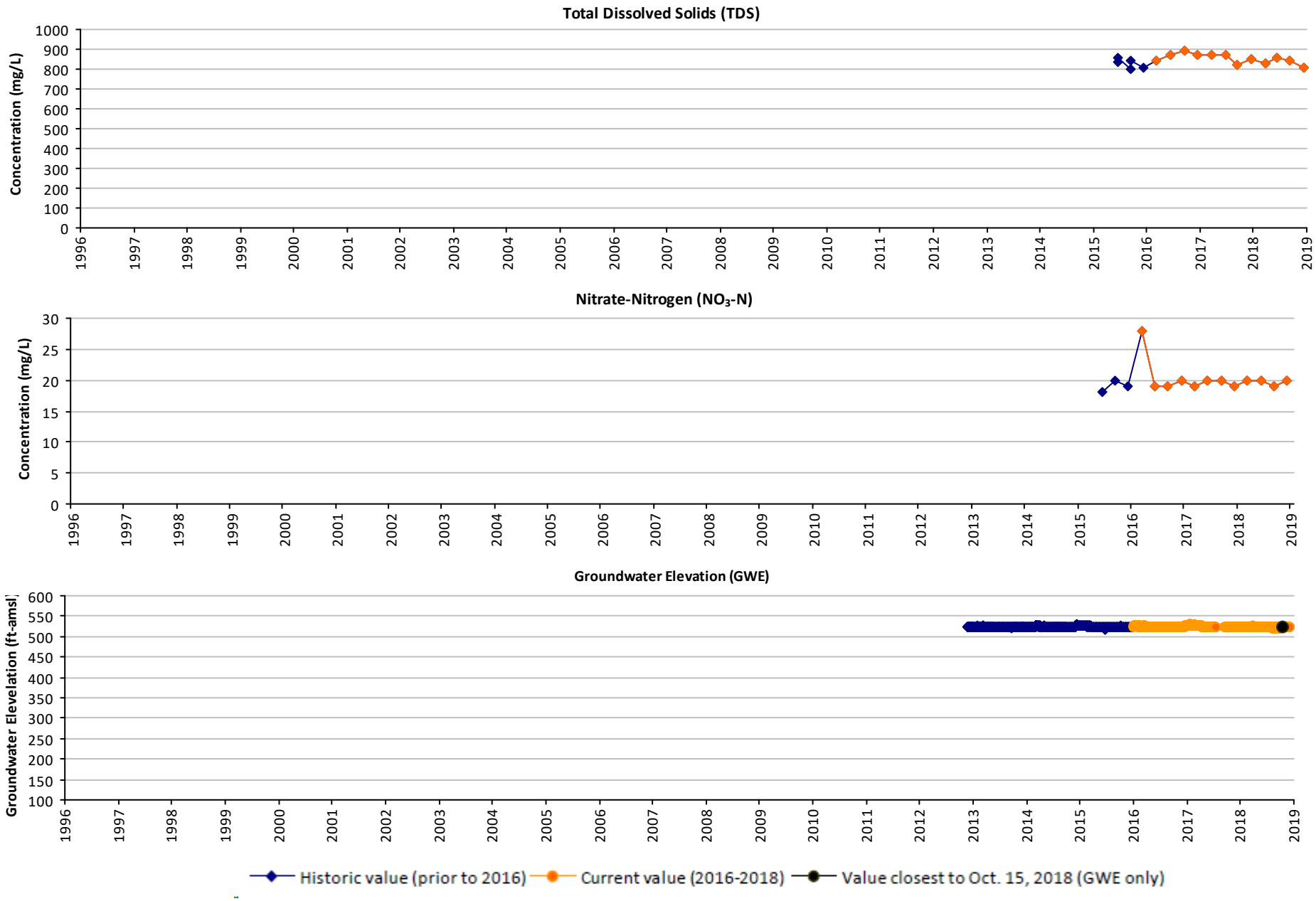
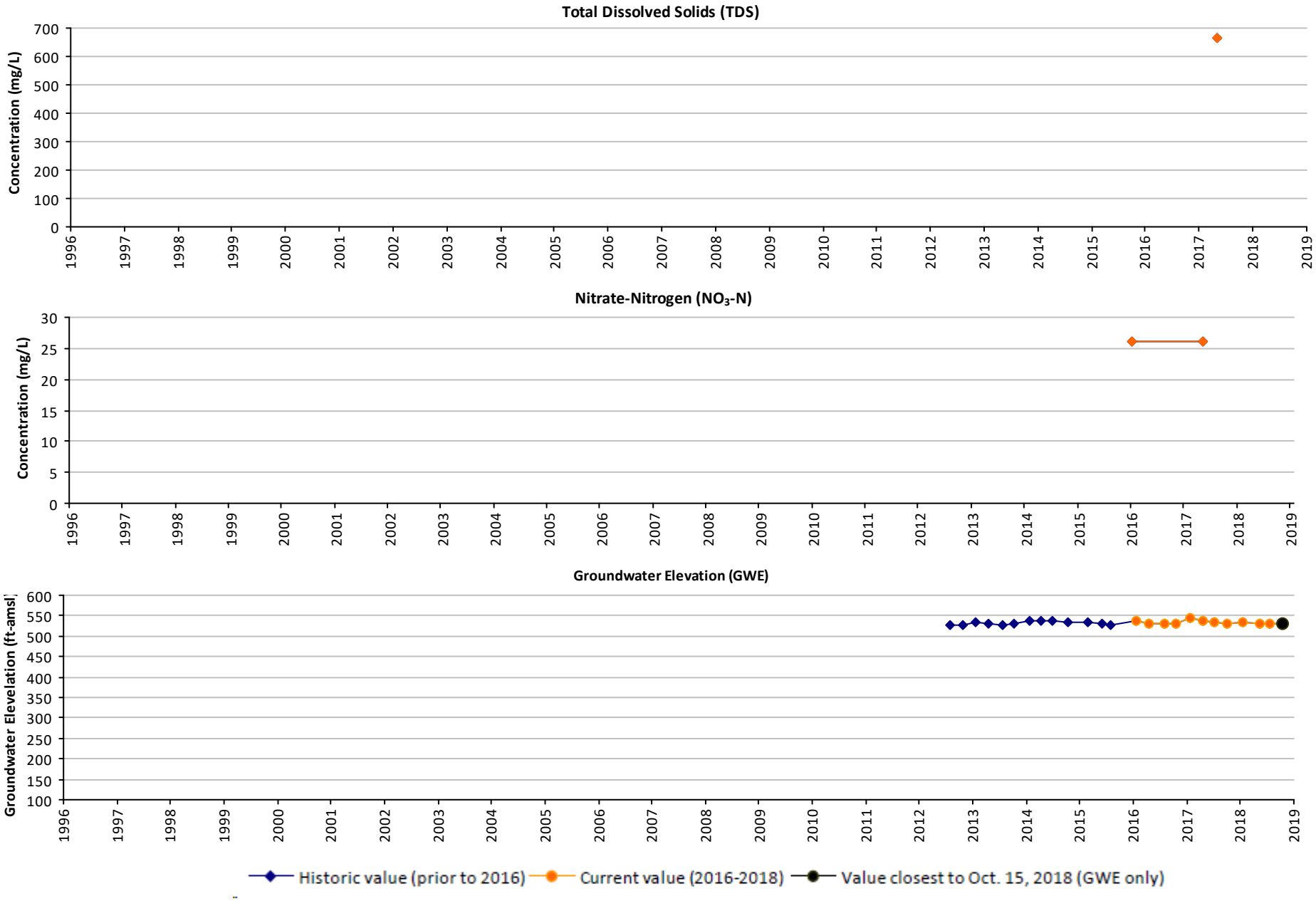
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

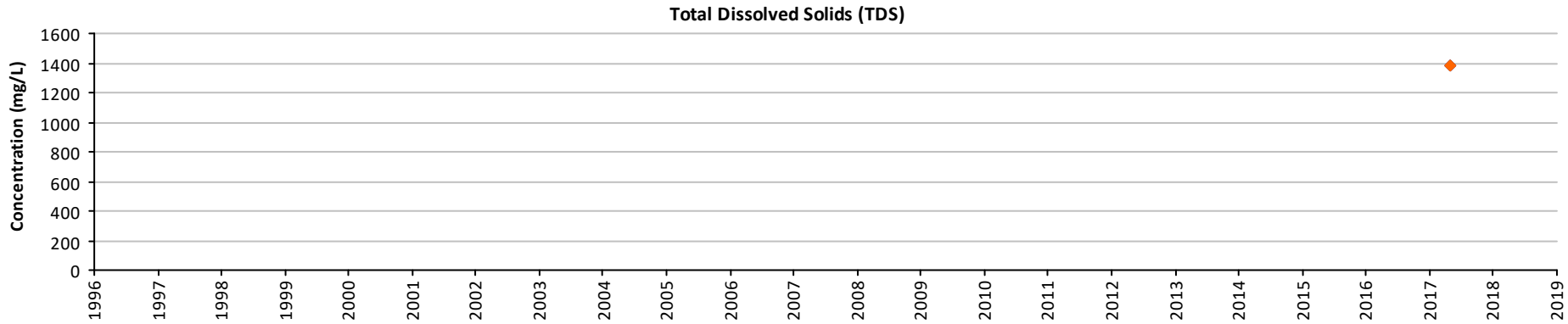

Total Dissolved Solids (TDS)
Concentration (mg/L)
2350
2300
2250
2200
2150
2100
2050
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

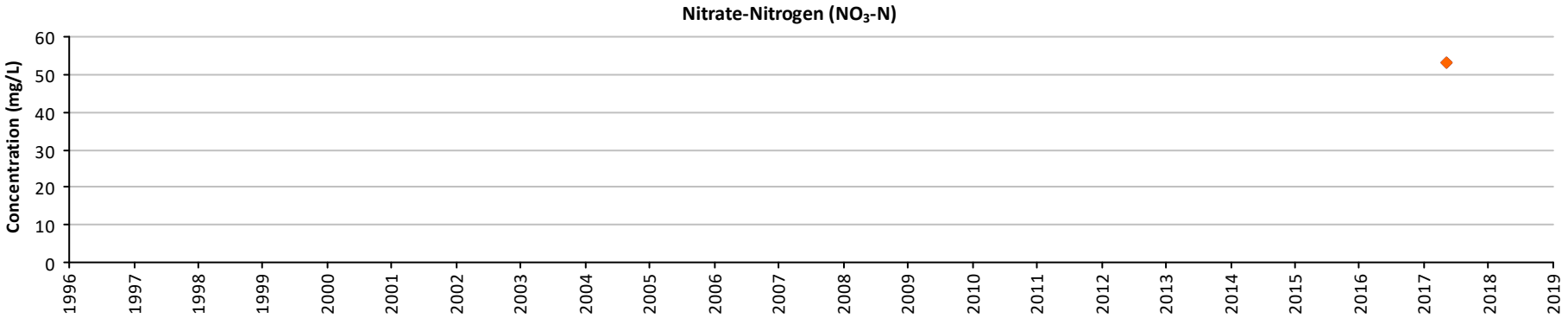

Total Dissolved Solids (TDS)
Concentration (mg/L)
1140
1120
1100
1080
1060
1040
1020
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

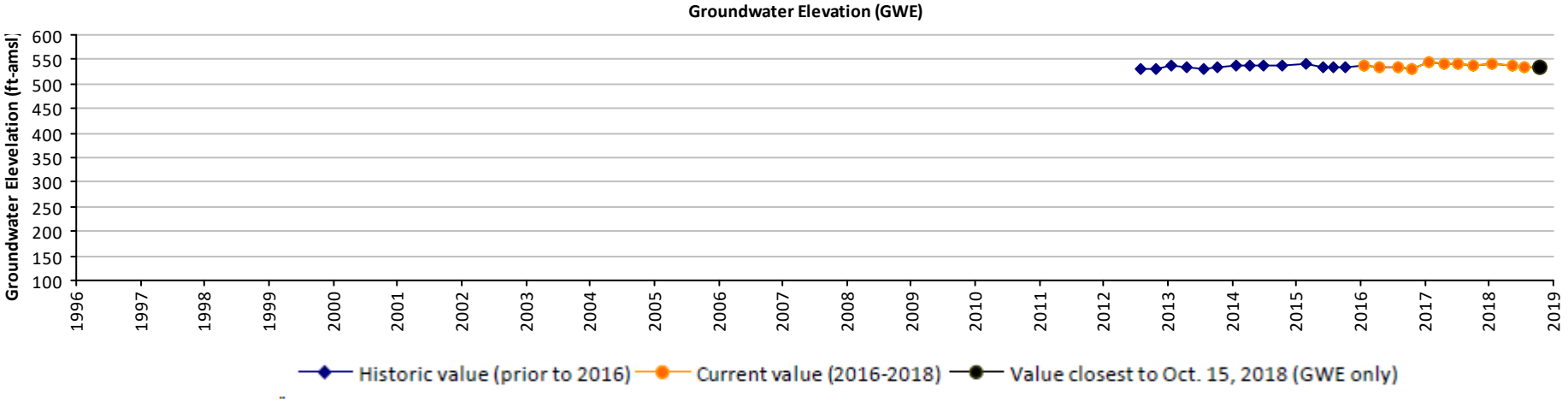

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

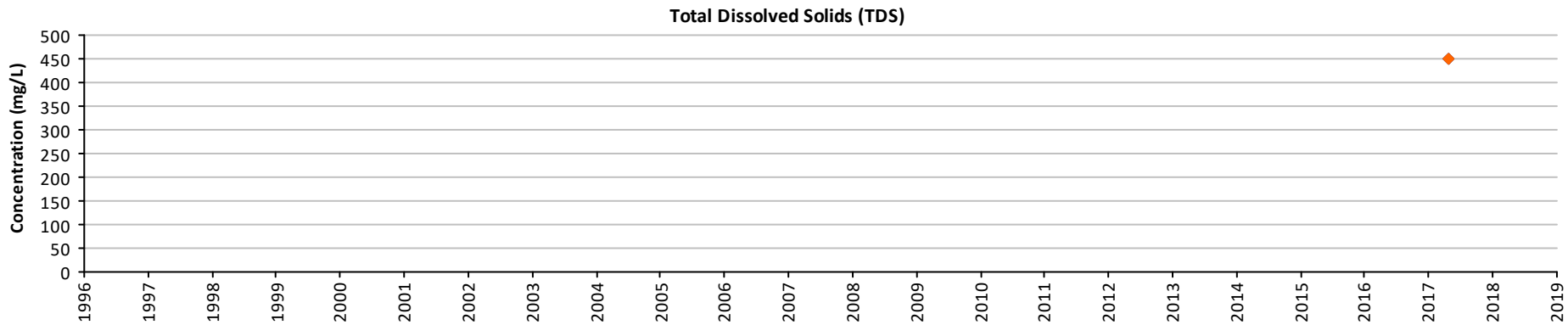

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

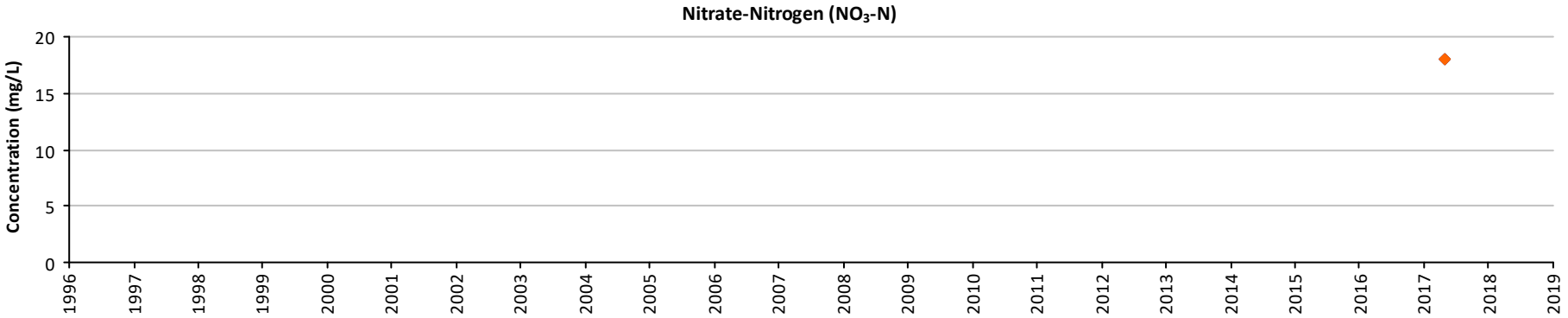

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

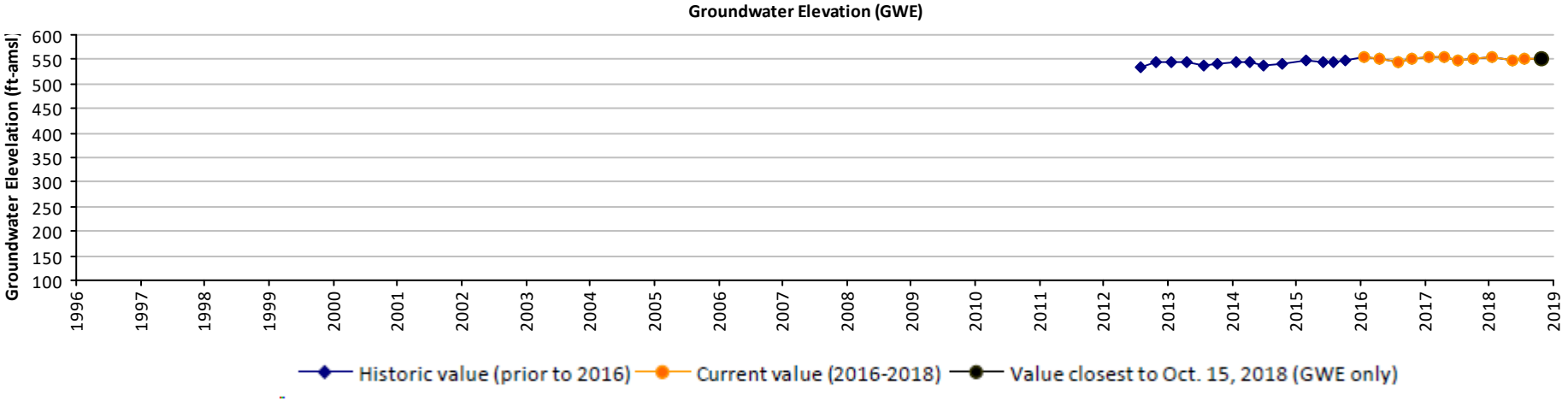

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

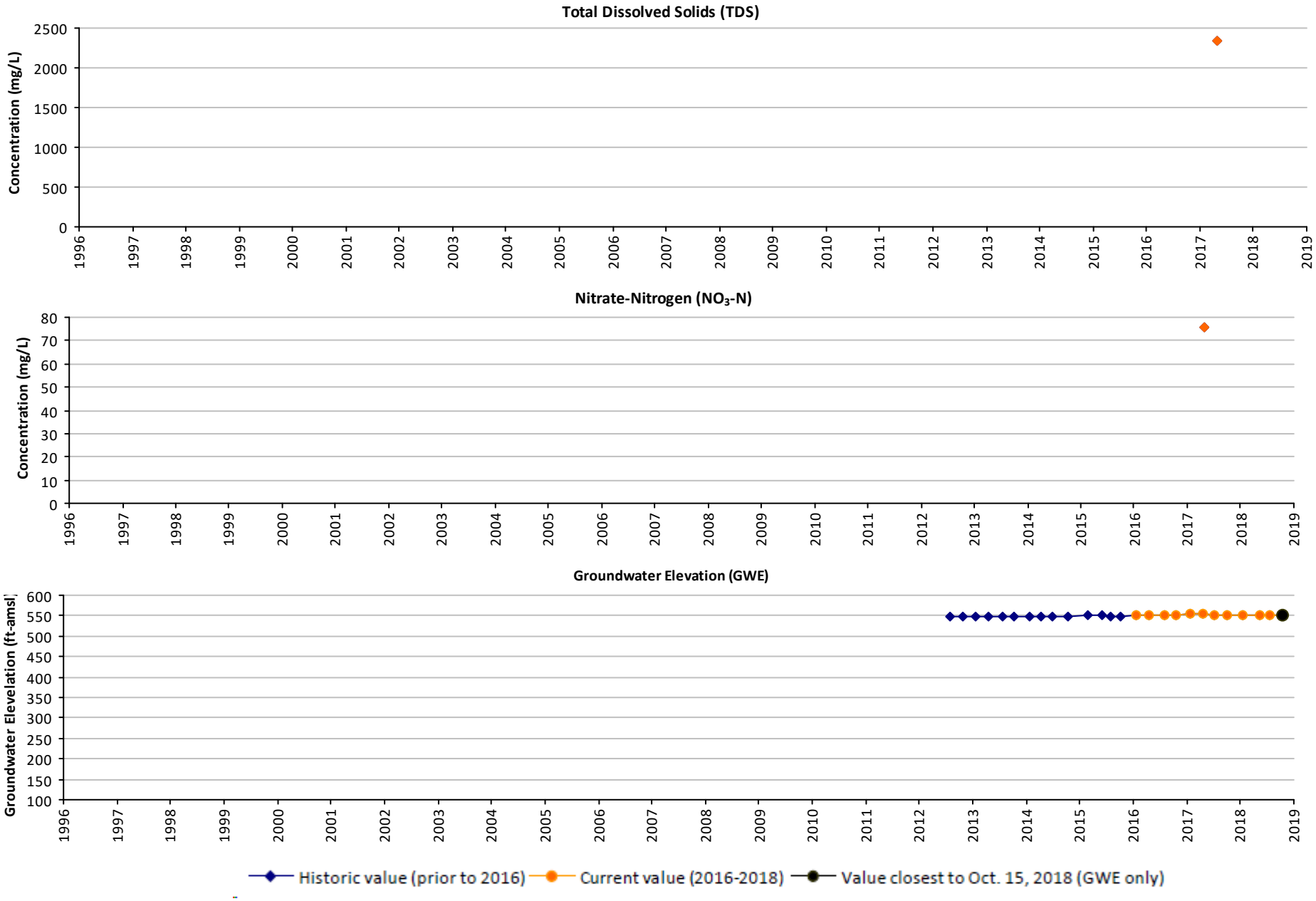

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
60
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

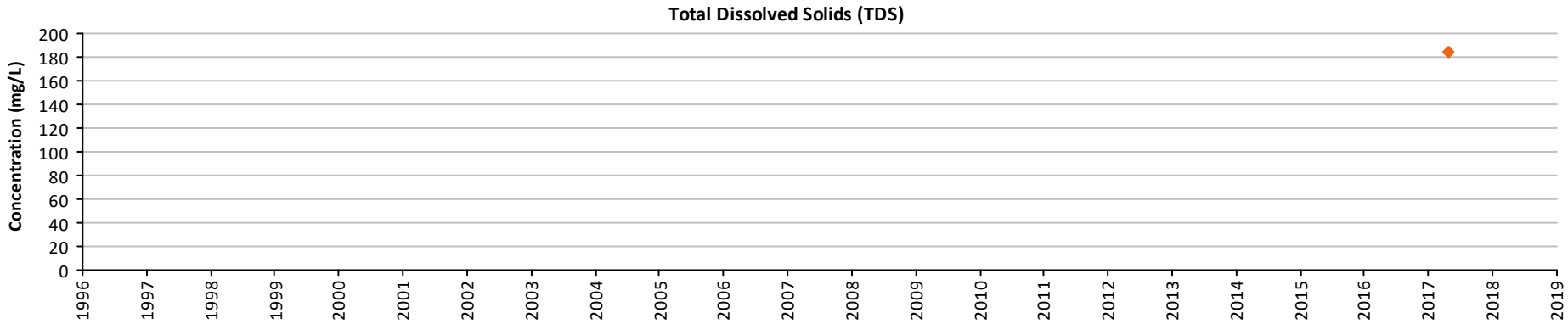

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

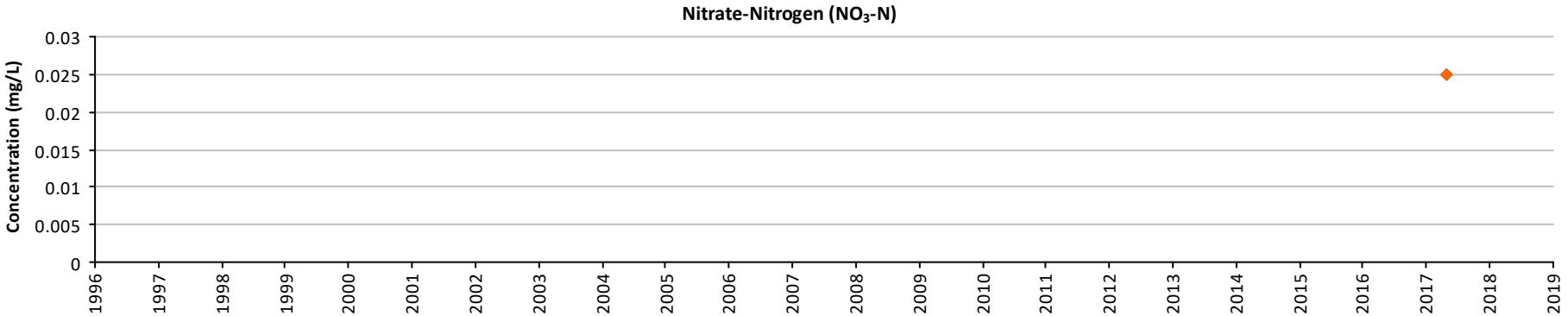

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
80
70
60
50
40
30
20
10
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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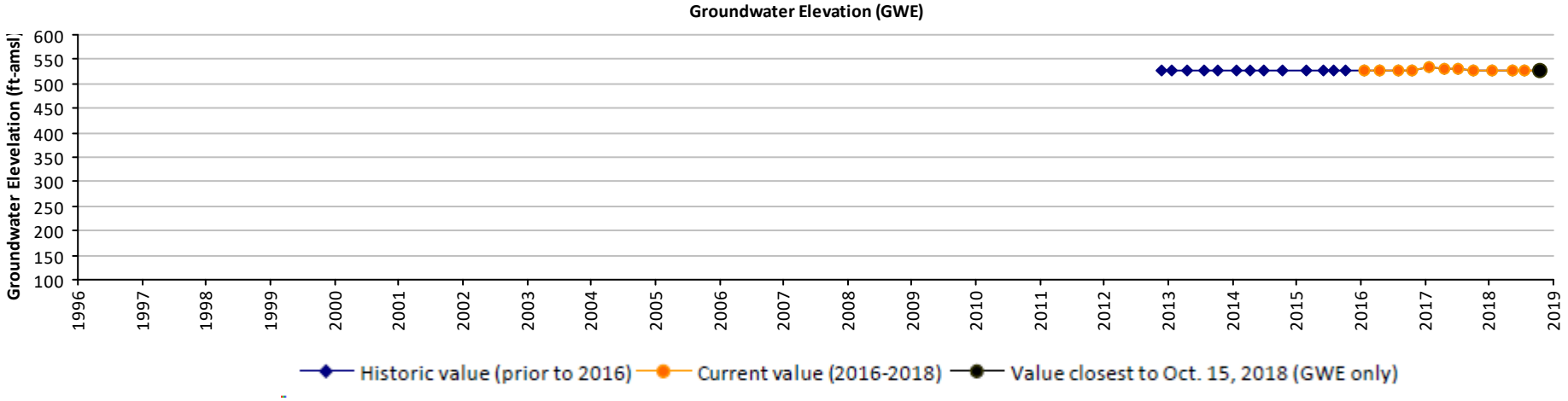
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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2007
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2011
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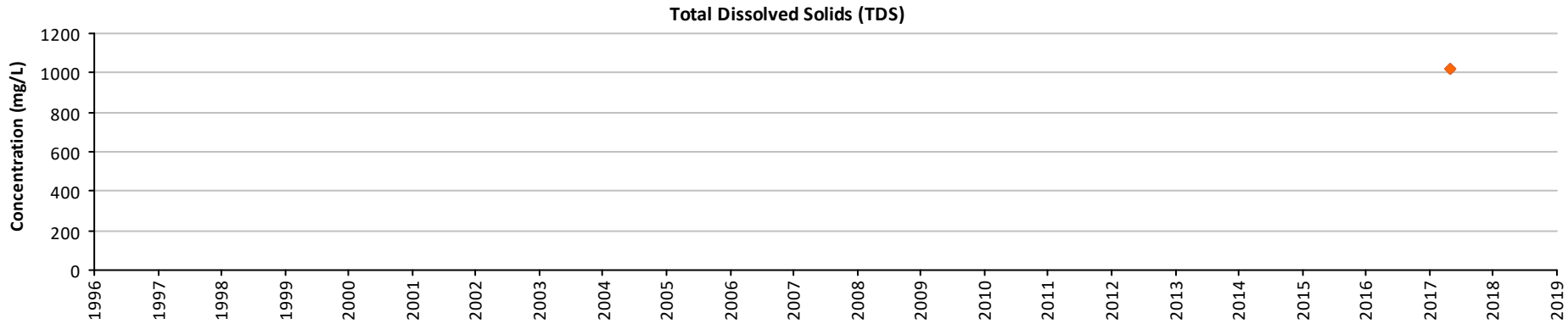
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
2010
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2012
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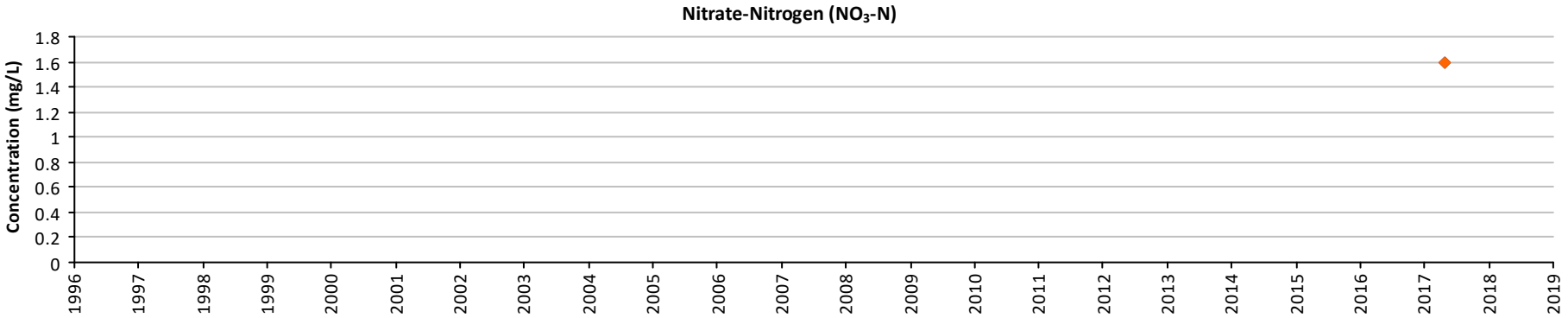
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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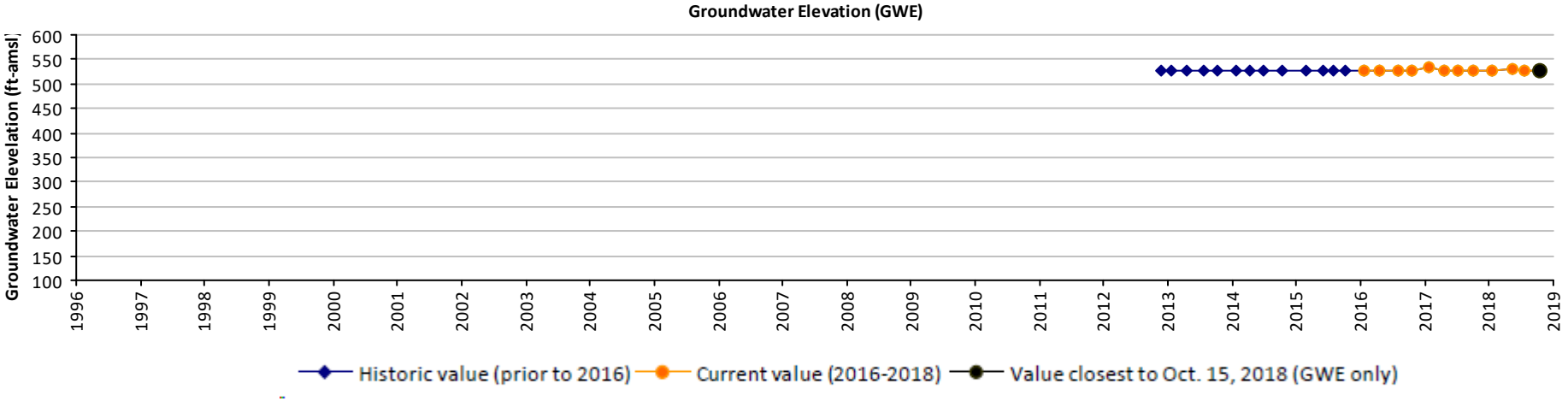
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
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2016
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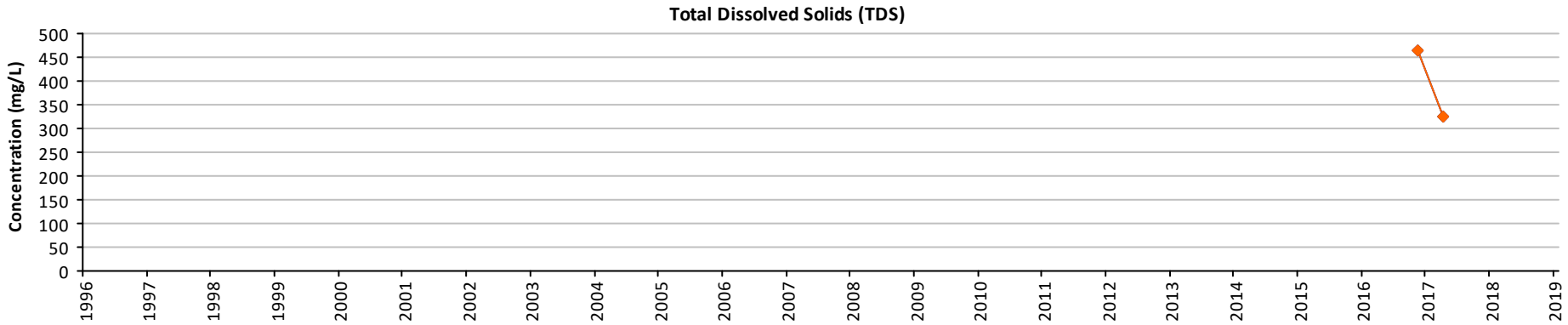
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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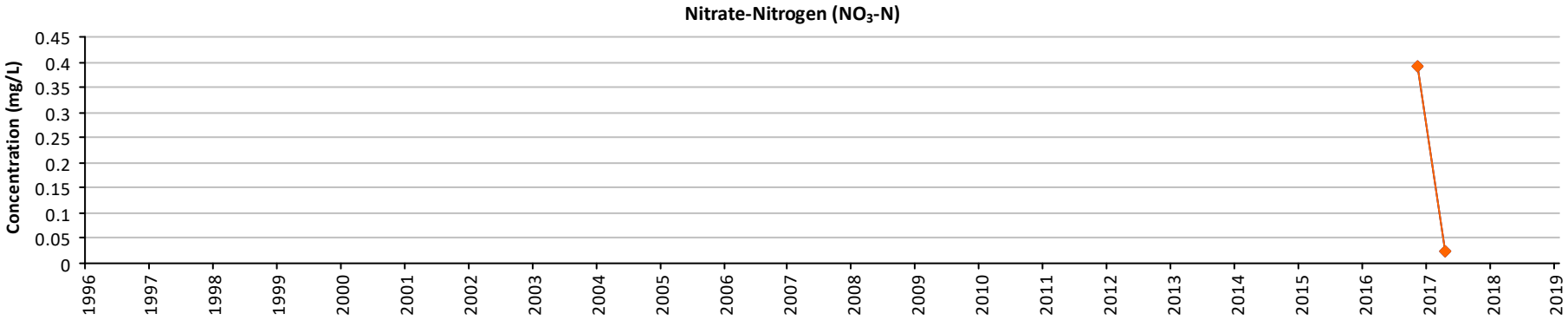
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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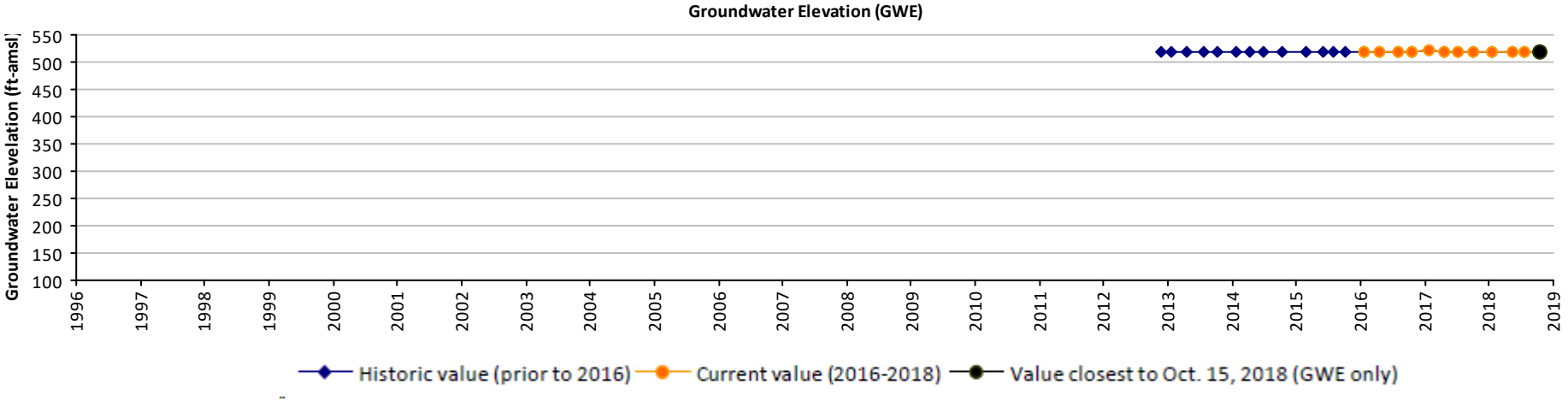
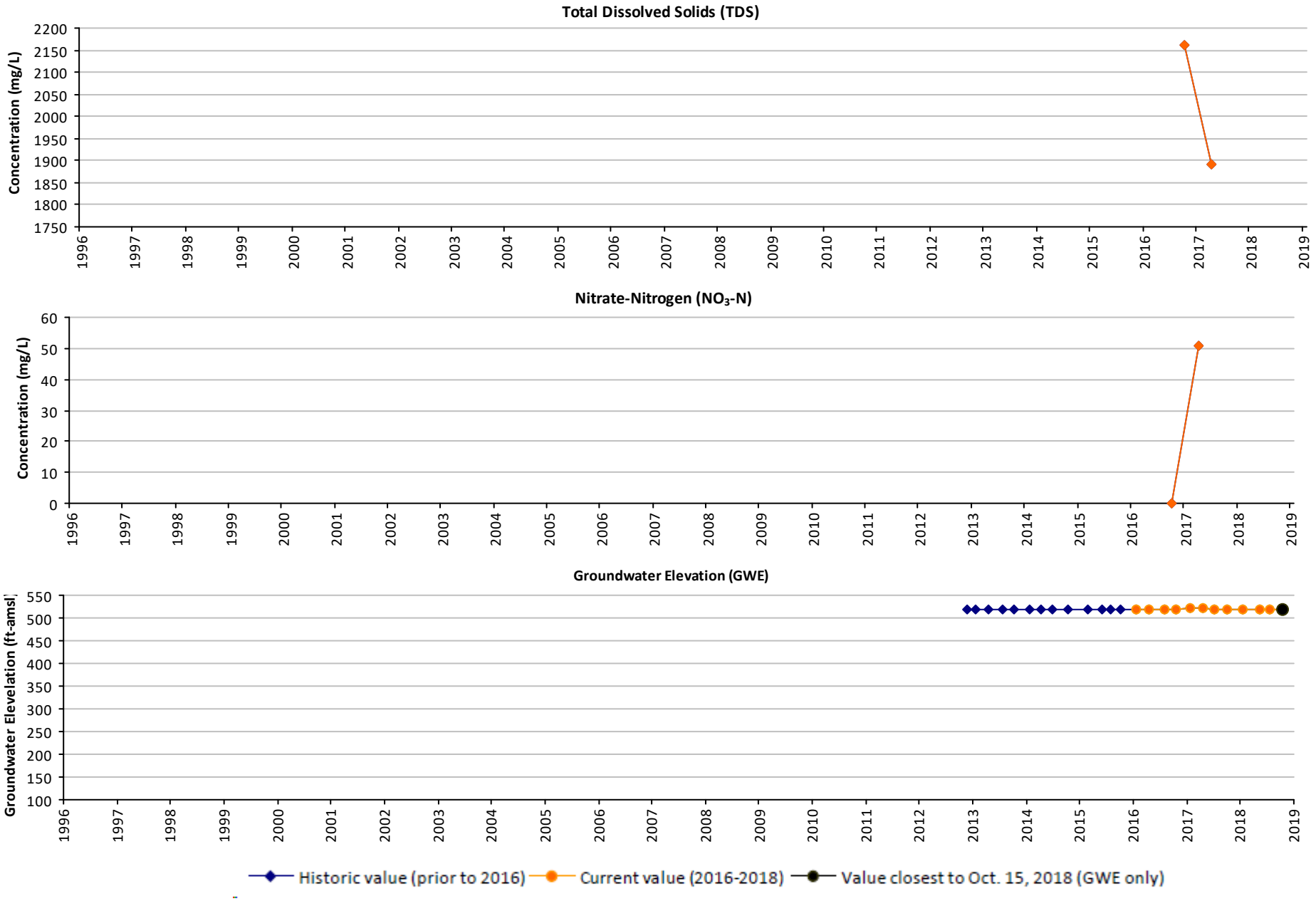
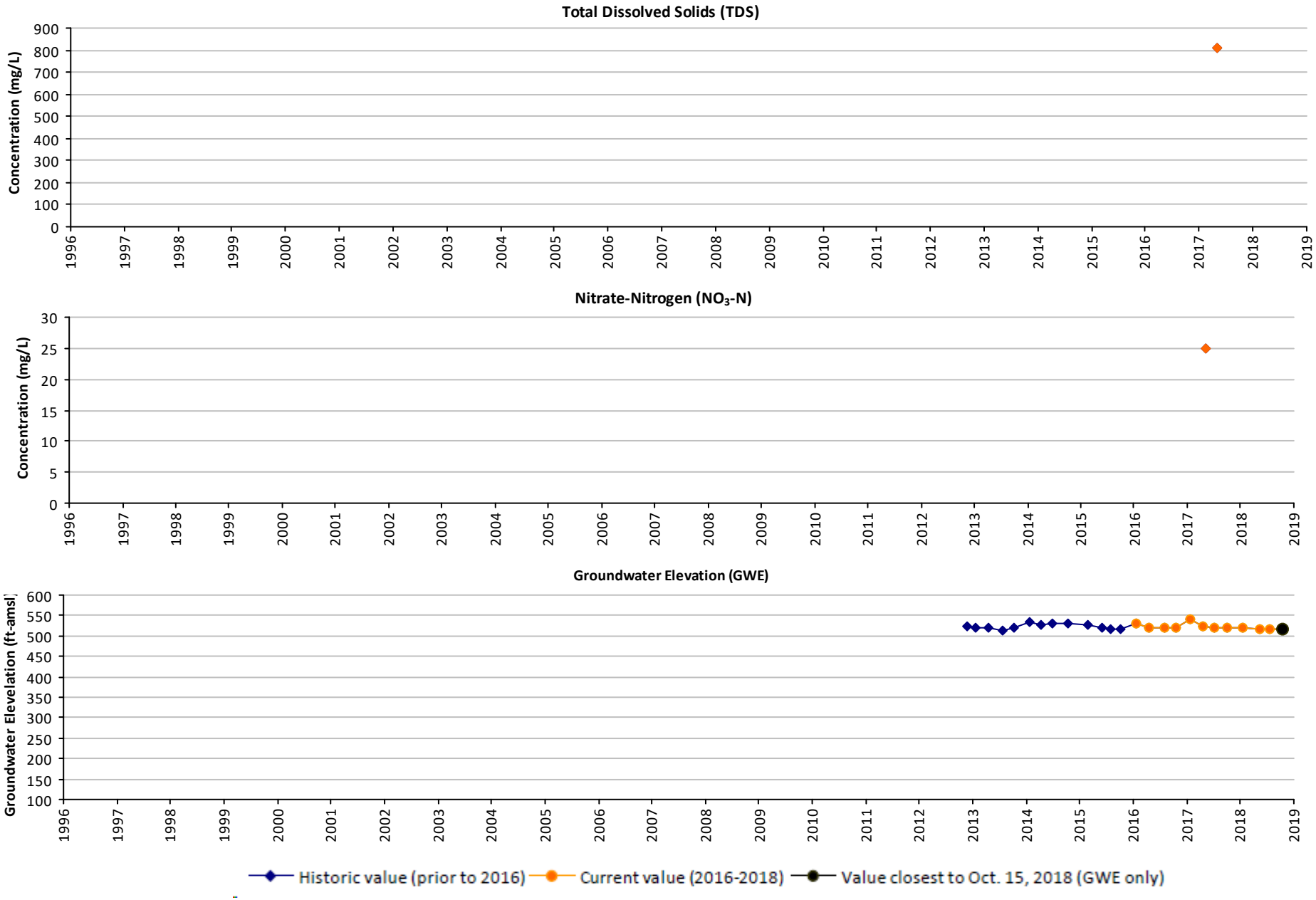
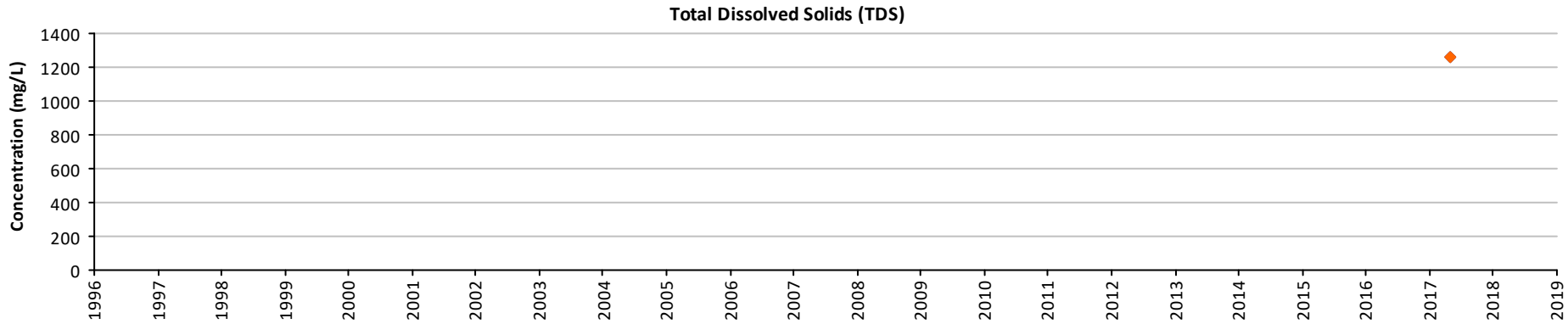
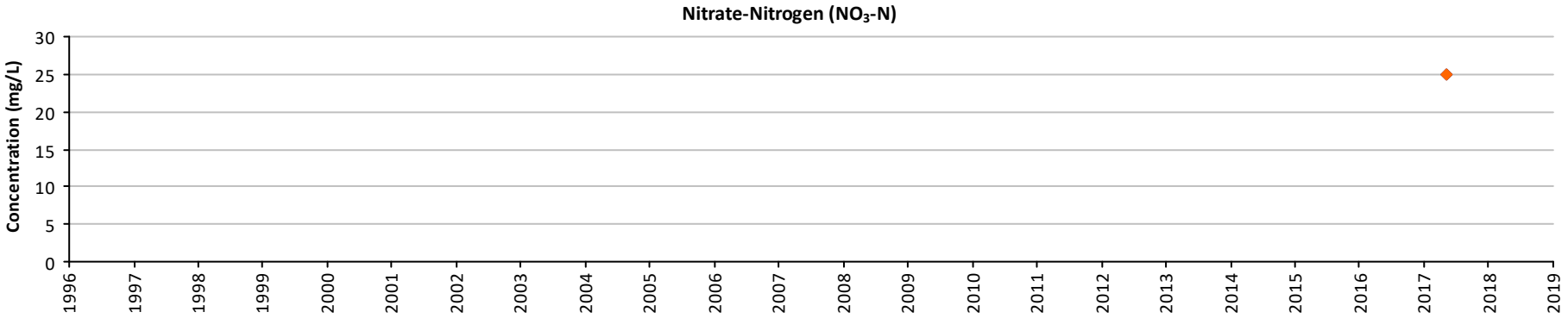
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

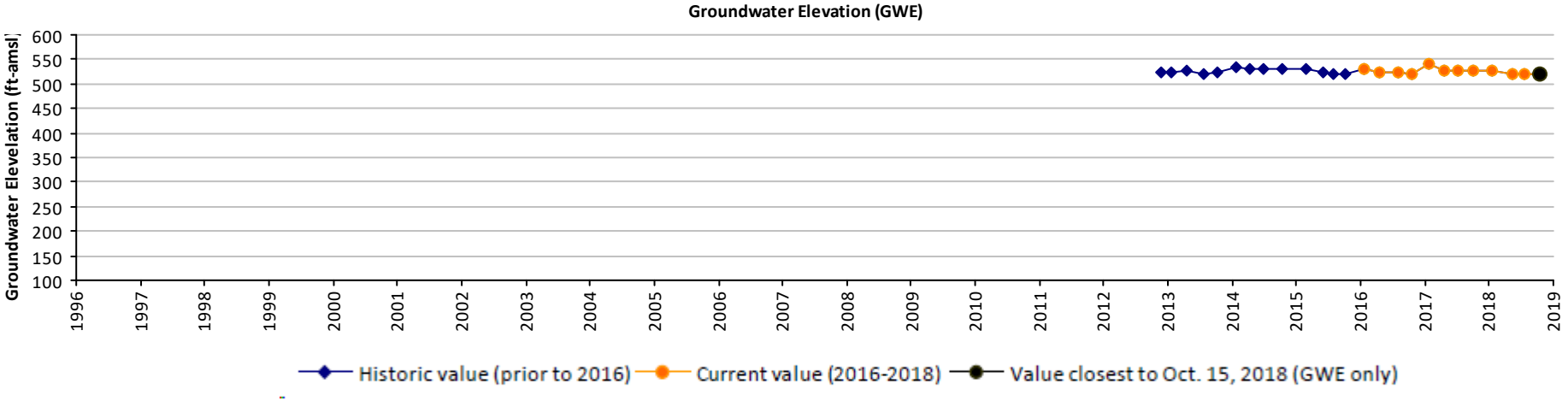

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

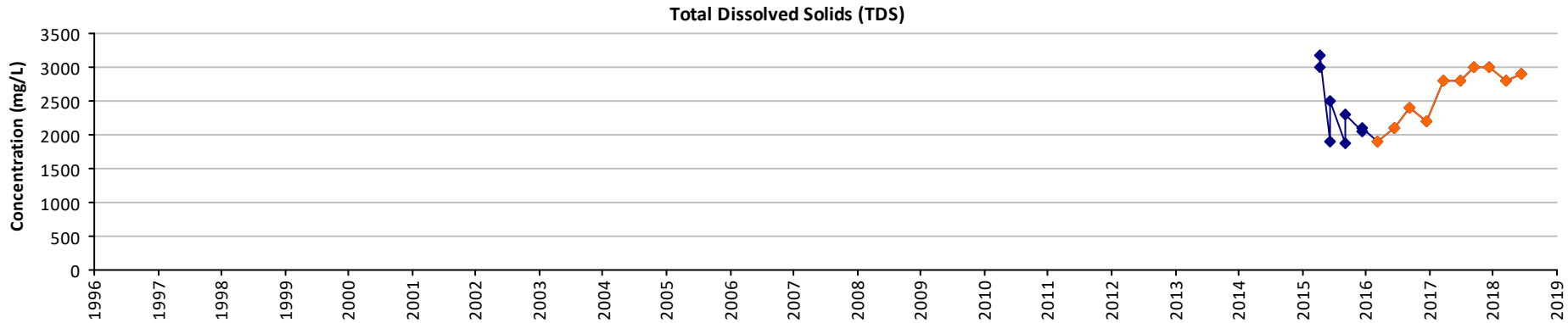

Total Dissolved Solids (TDS)
Concentration (mg/L)
2200
2150
2100
2050
2000
1950
1900
1850
1800
1750
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
60
50
40
30
20
10
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
550
500
450
400
350
300
250
200
150
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

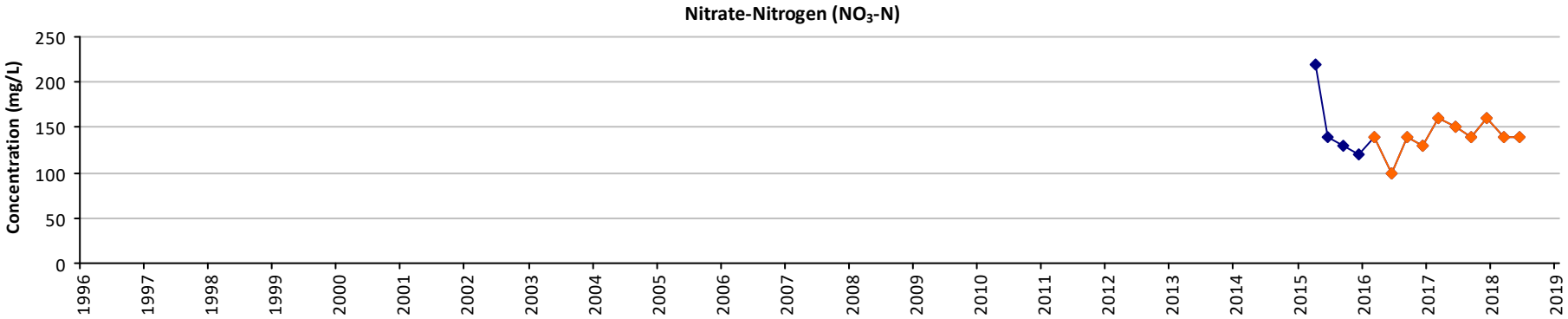

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

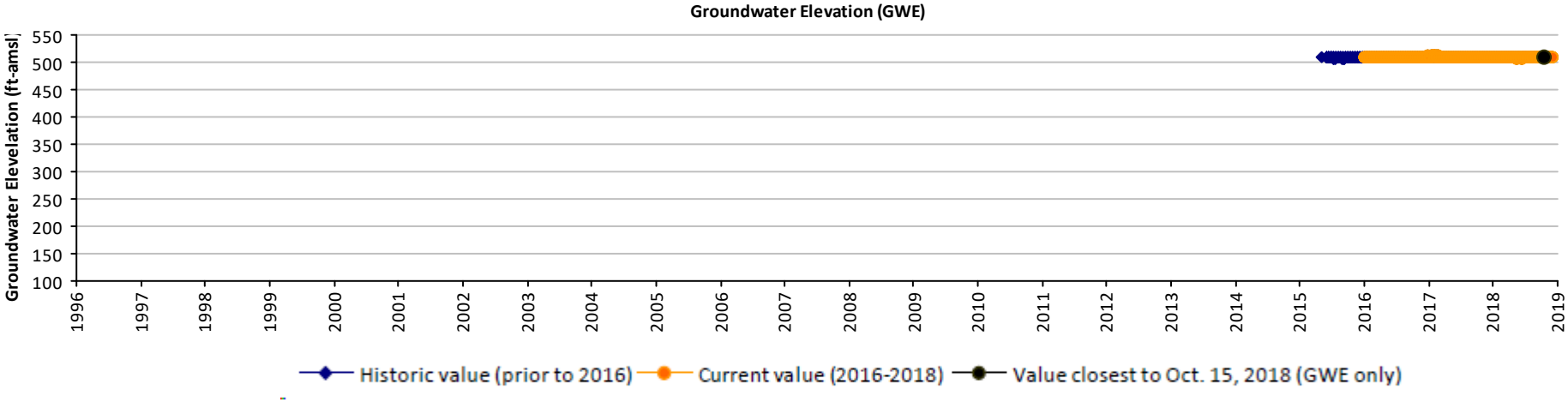

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

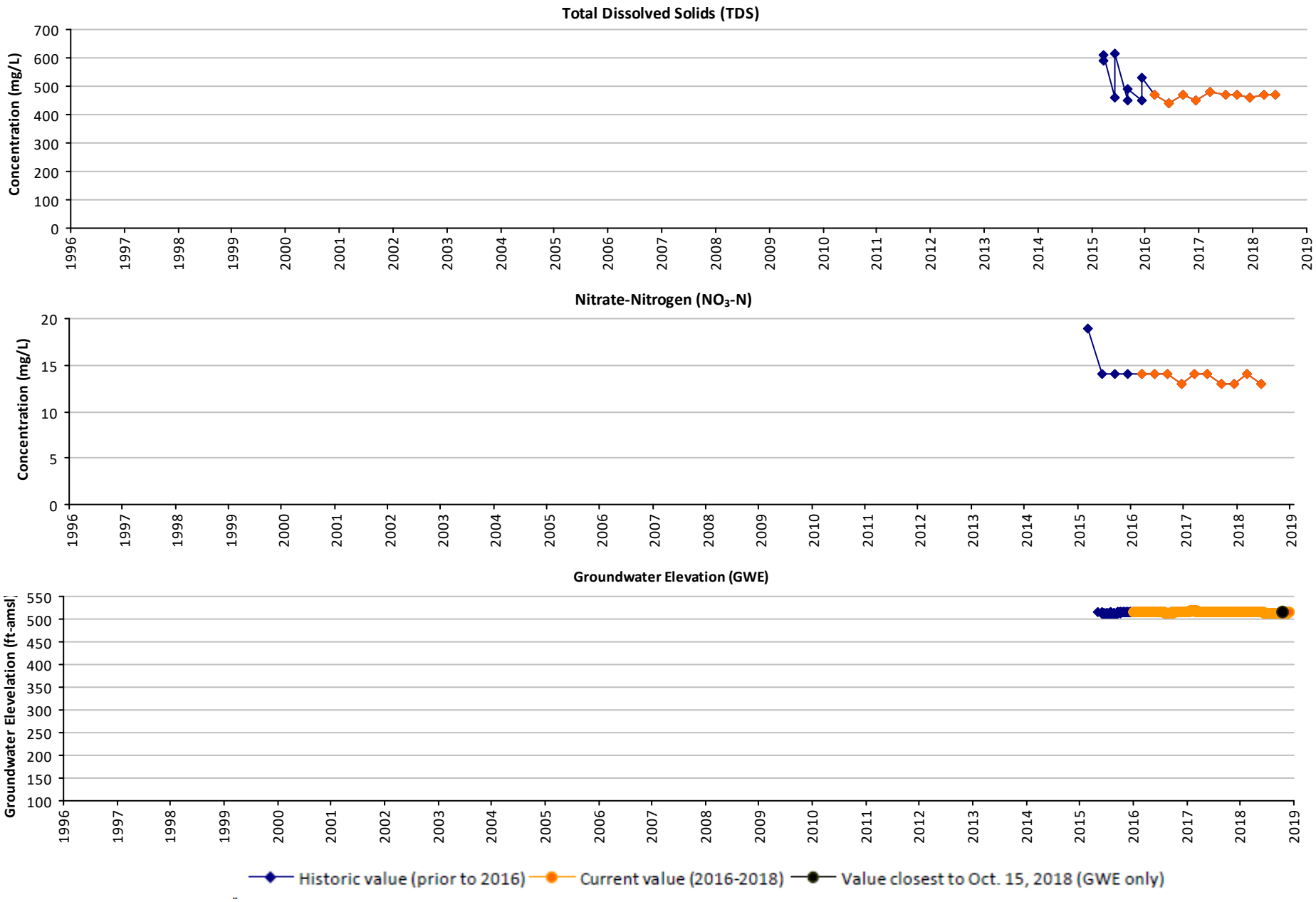

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

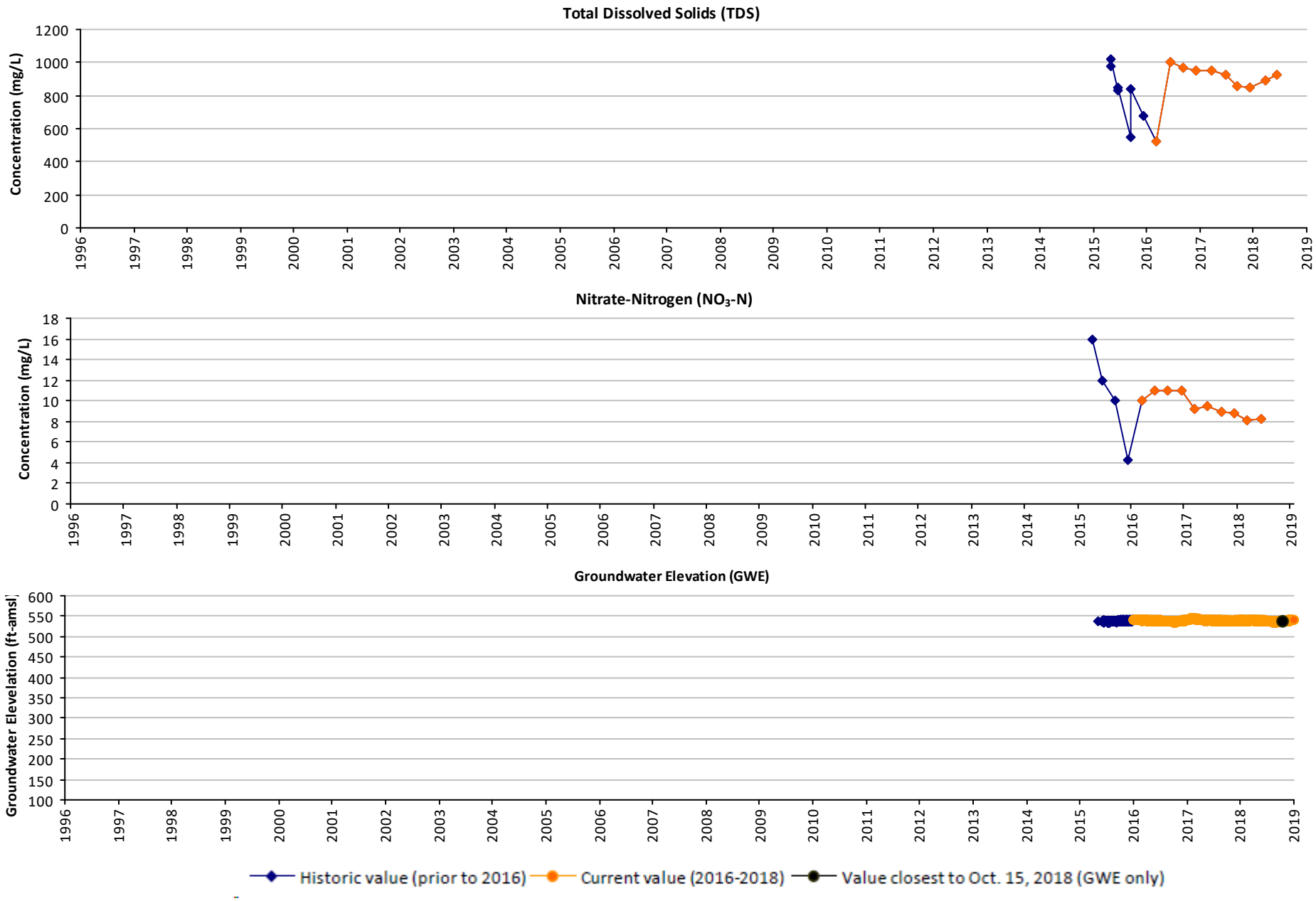

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

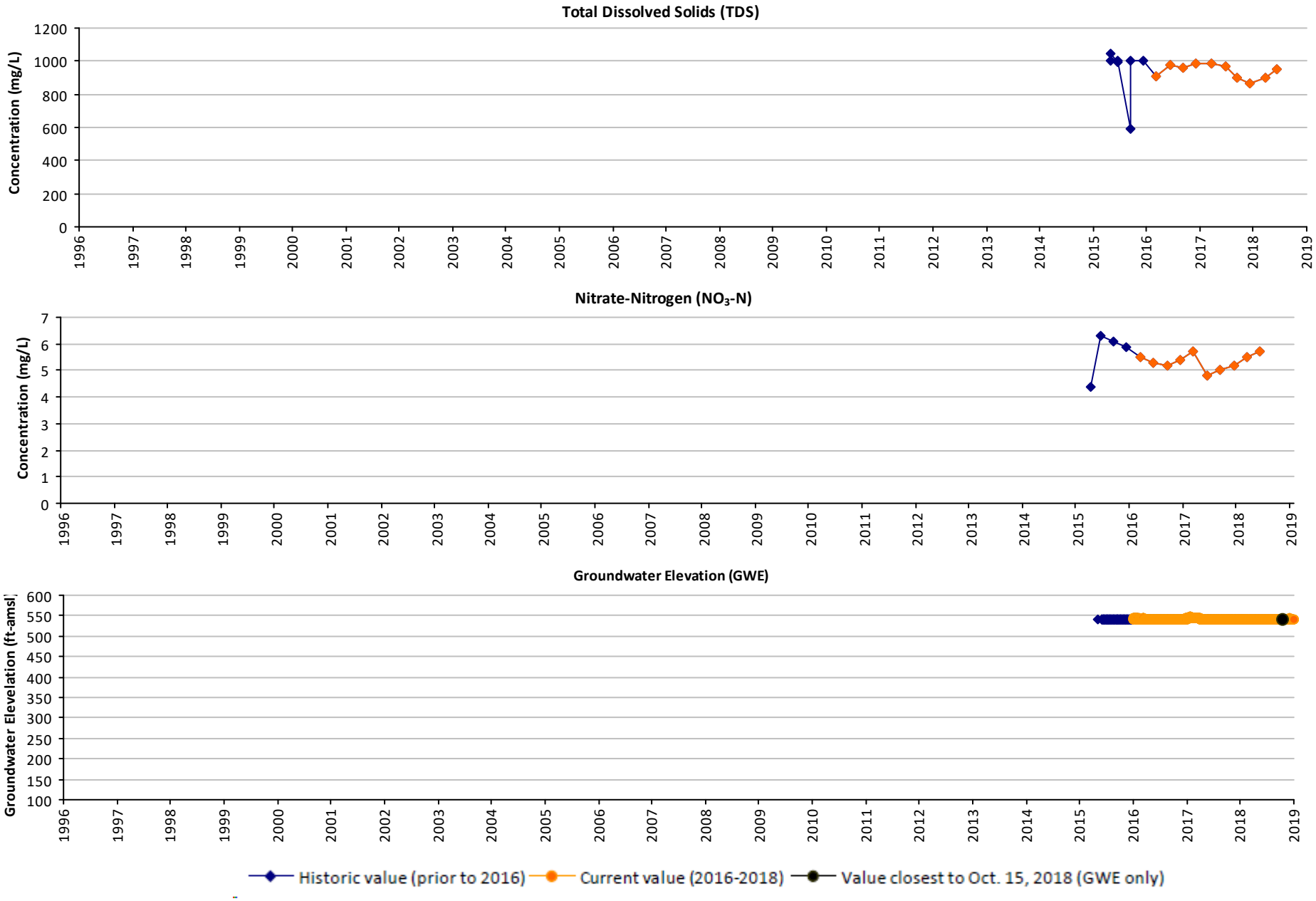

Total Dissolved Solids (TDS)
Concentration (mg/L)
3500
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

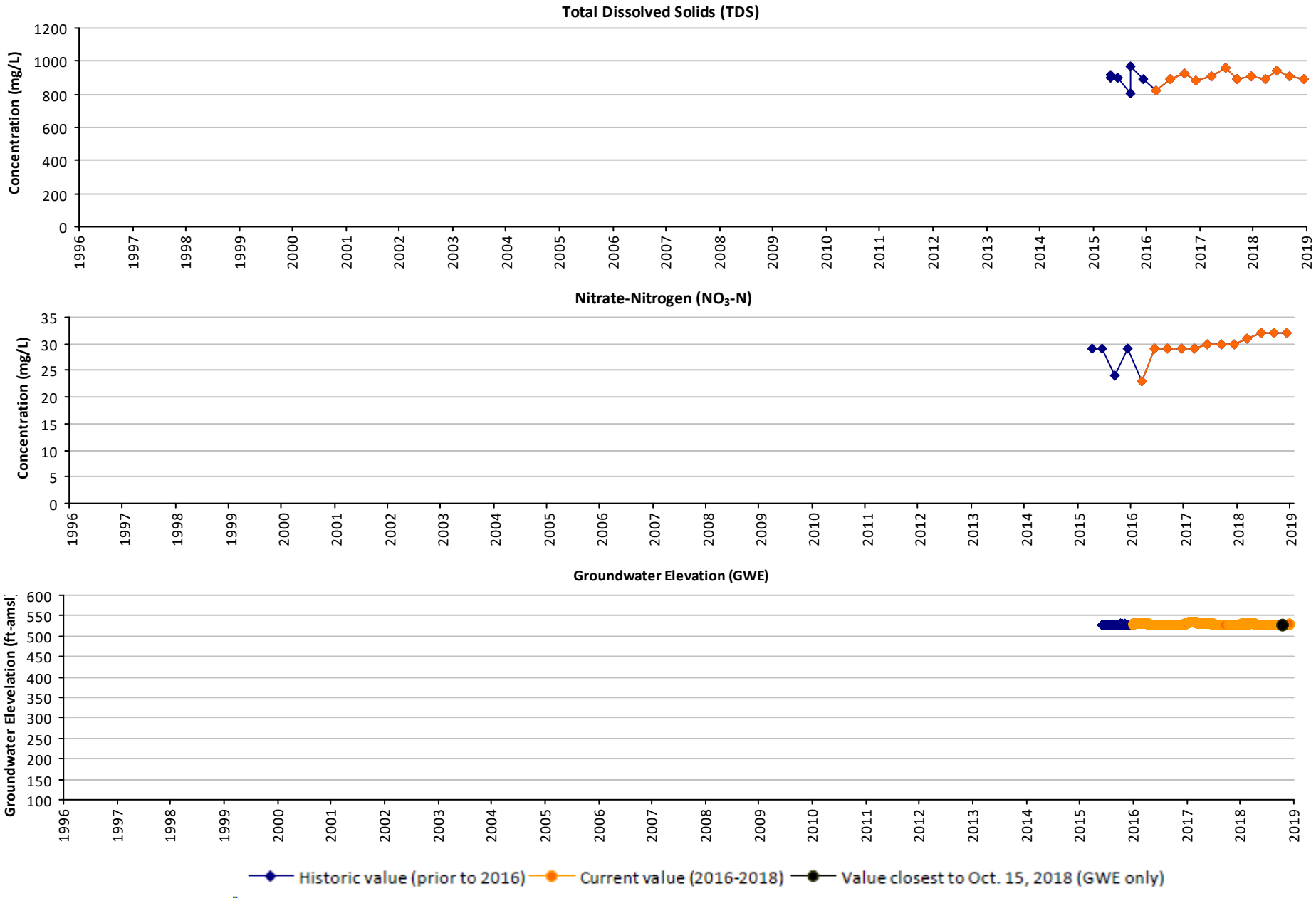

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

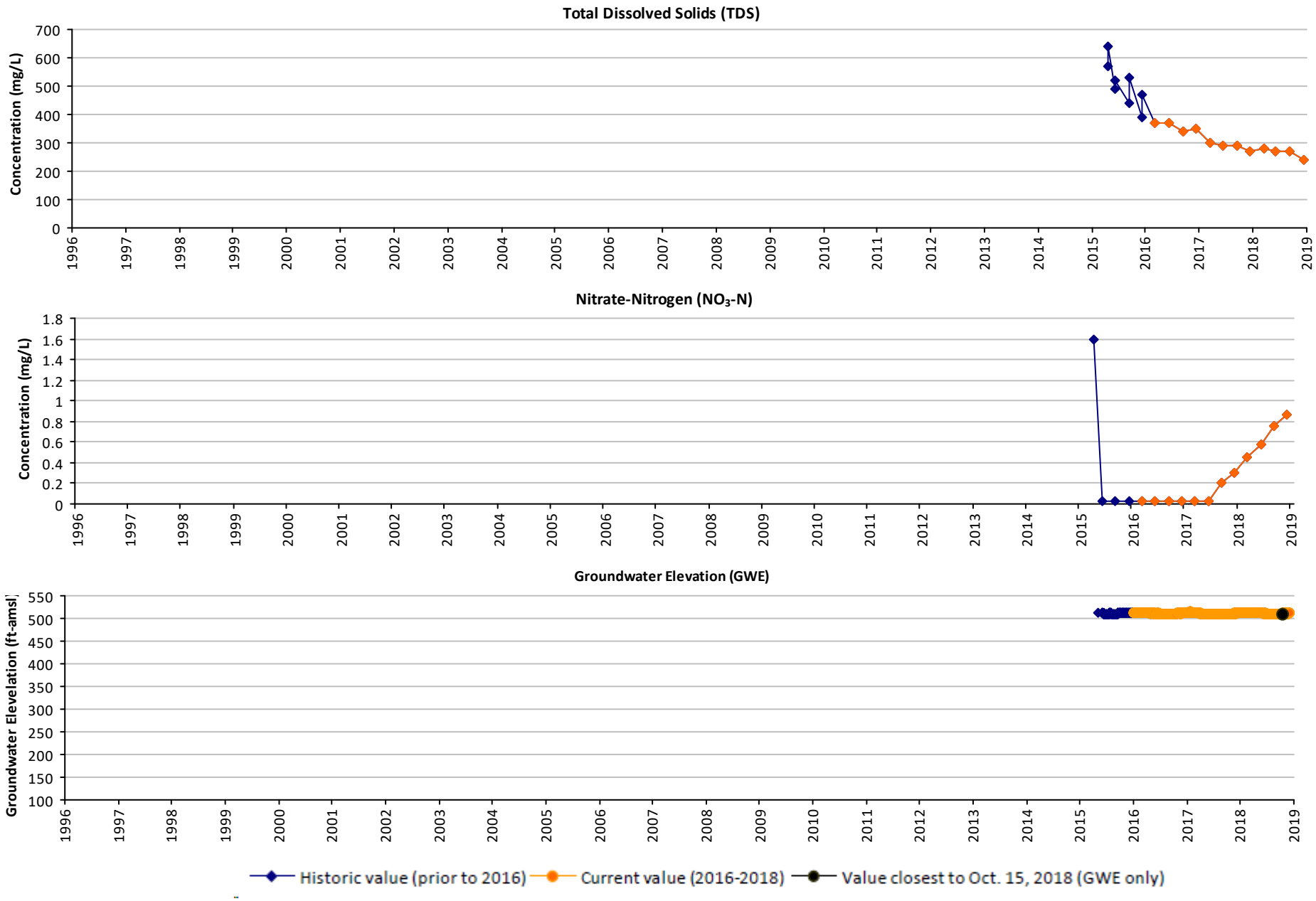

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
550
500
450
400
350
300
250
200
150
100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

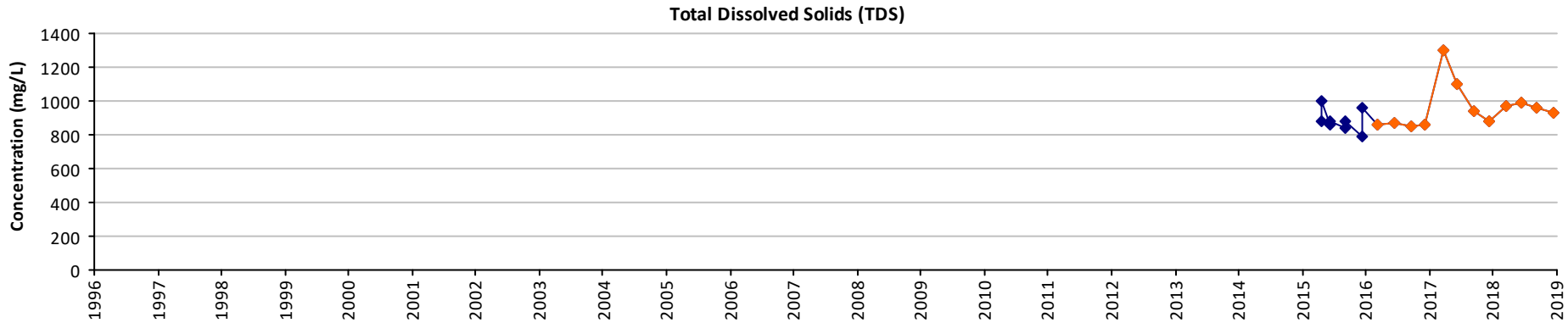

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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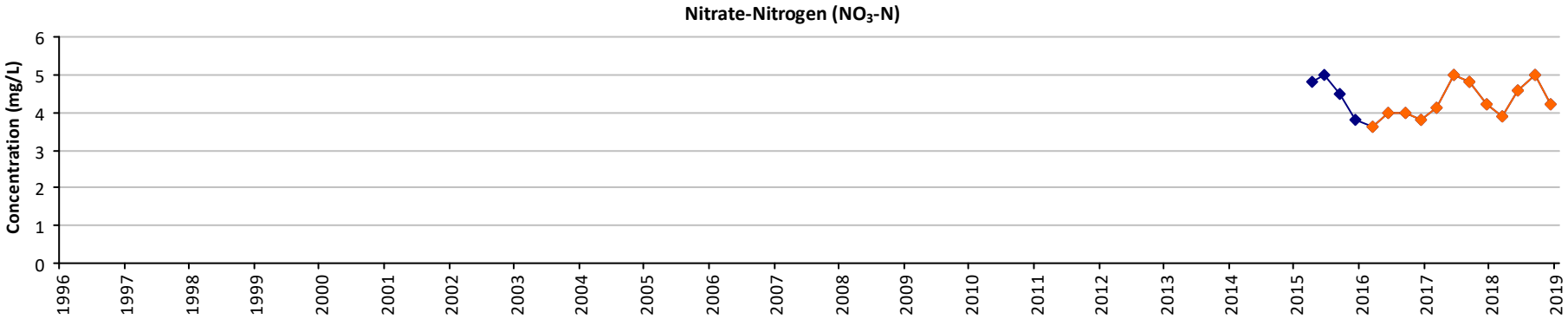
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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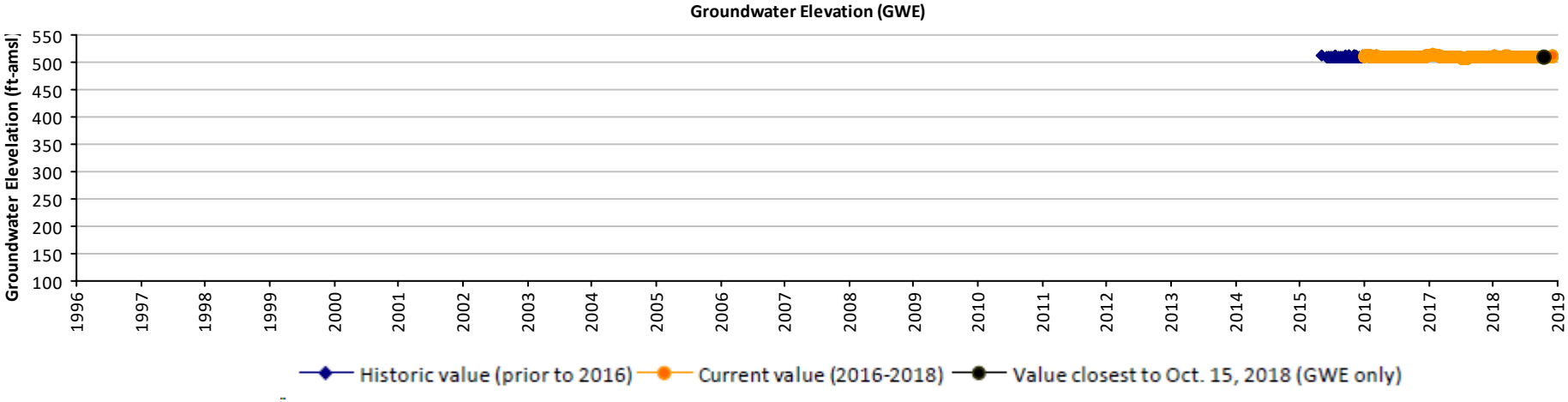
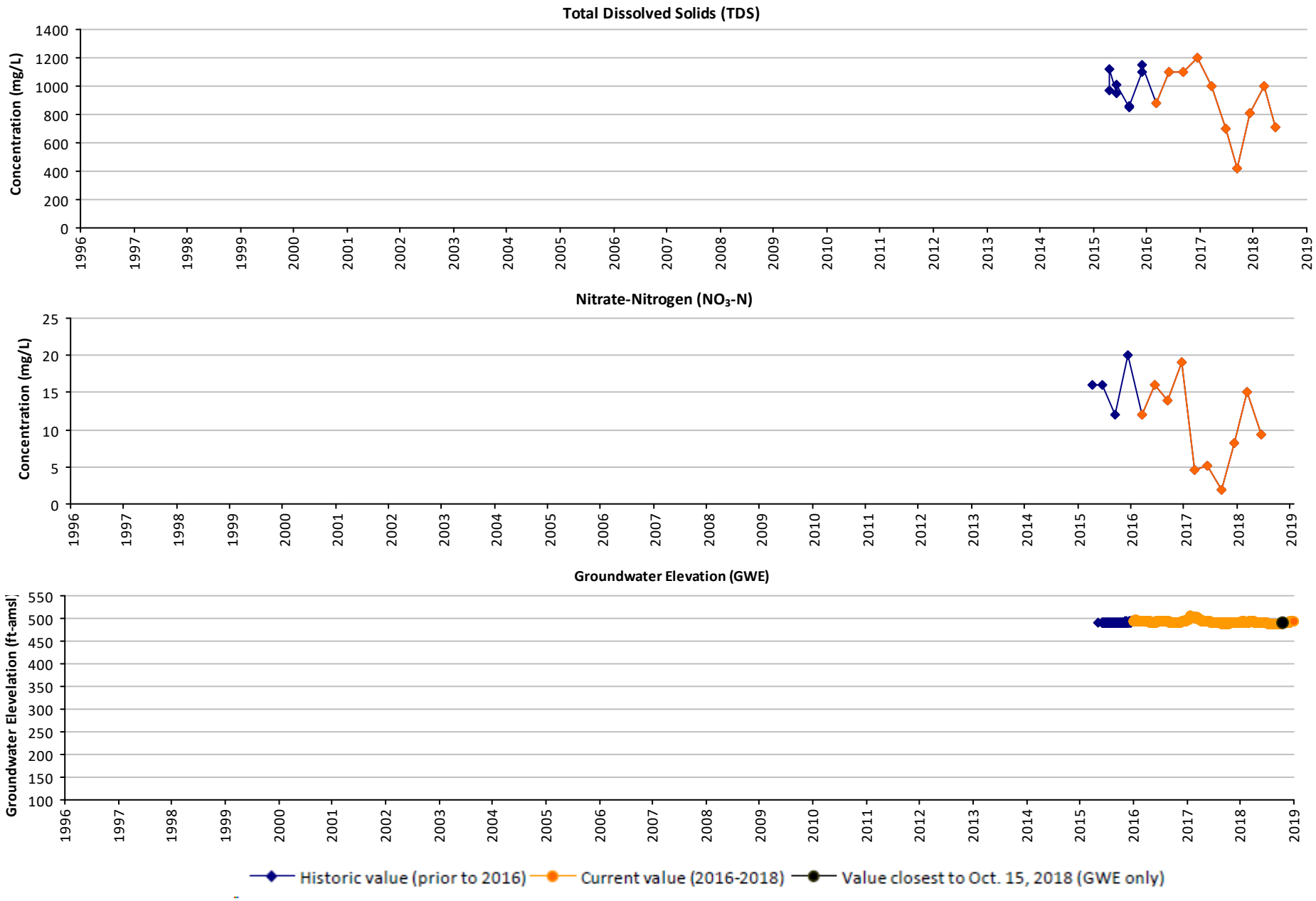
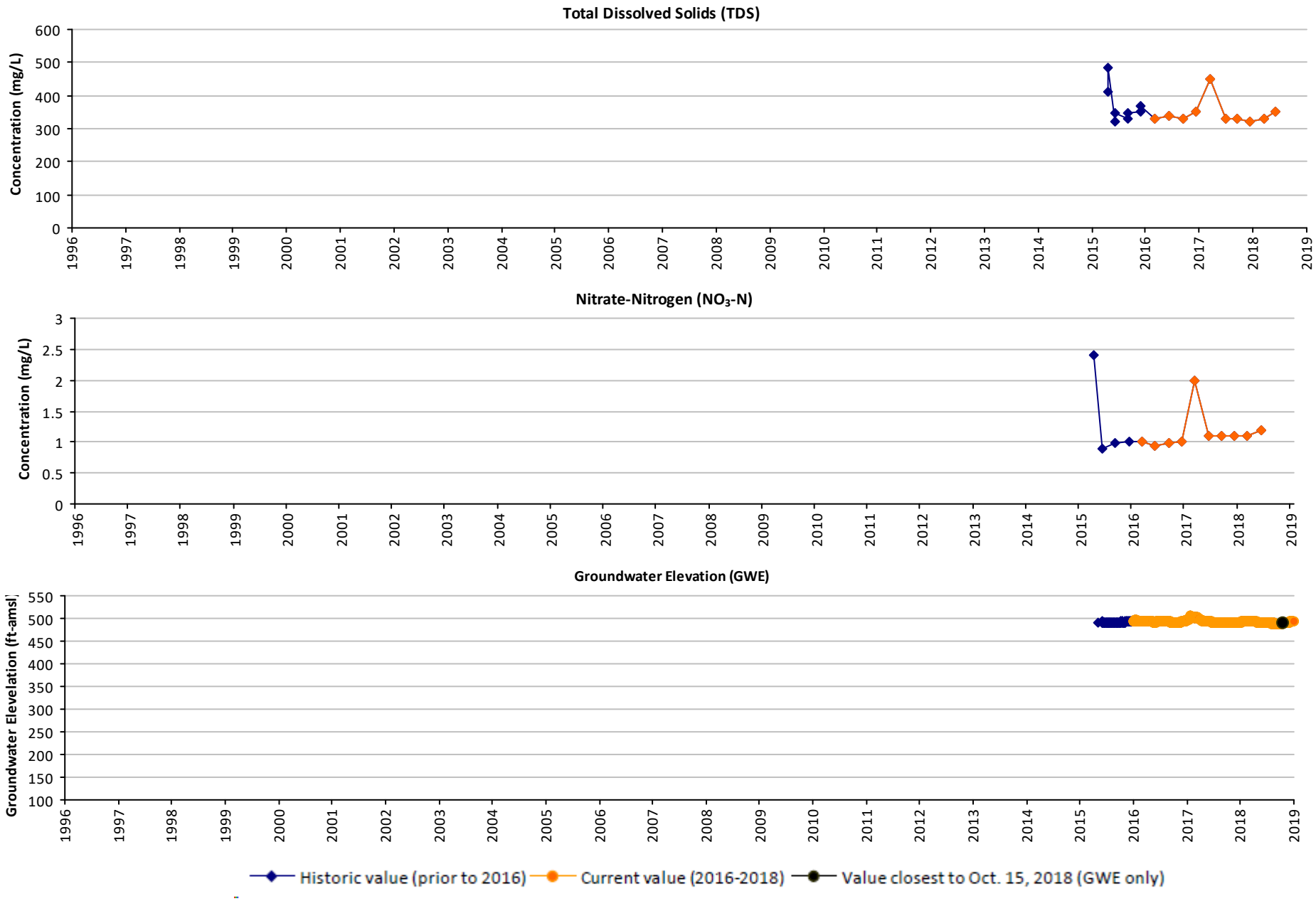
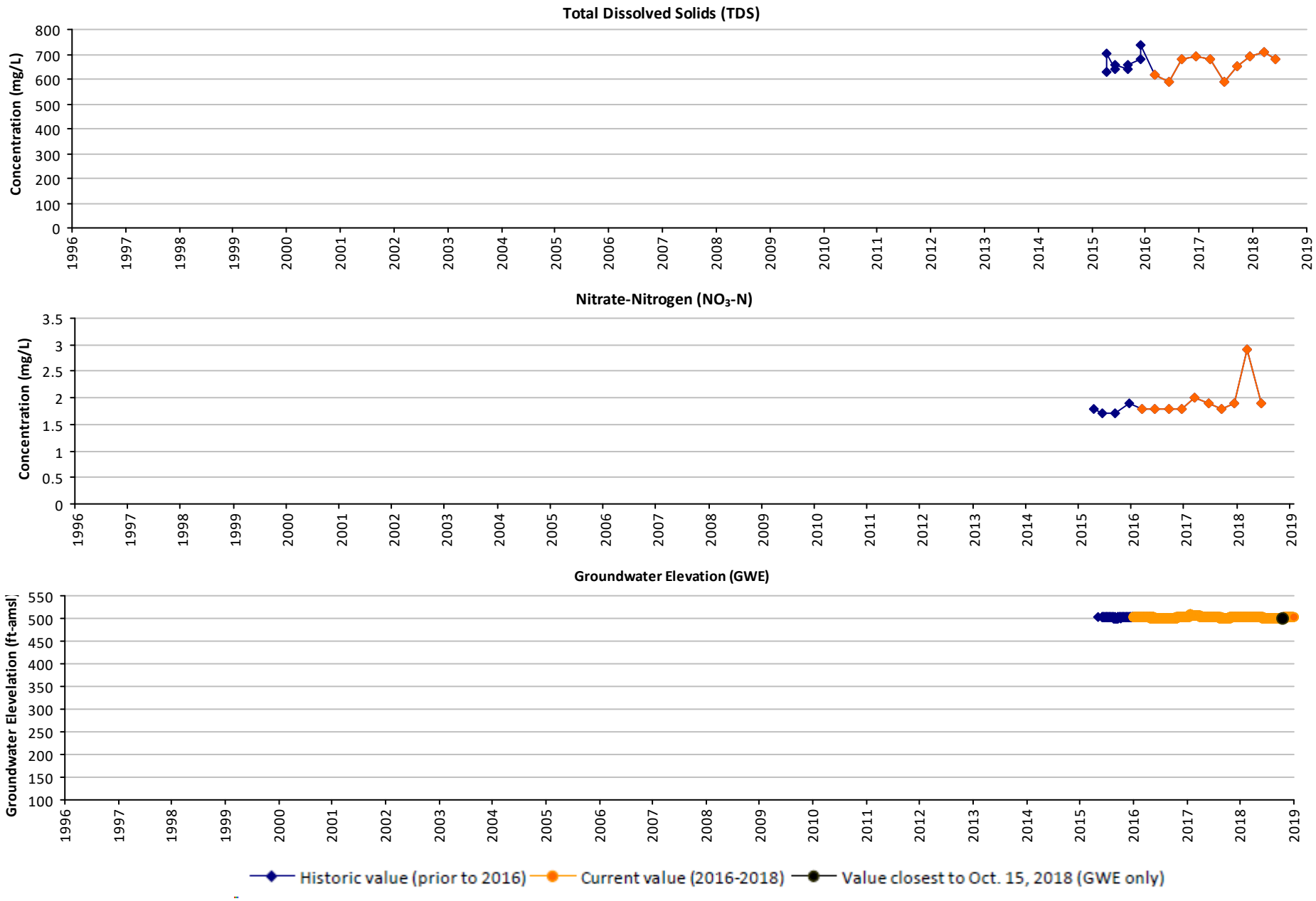
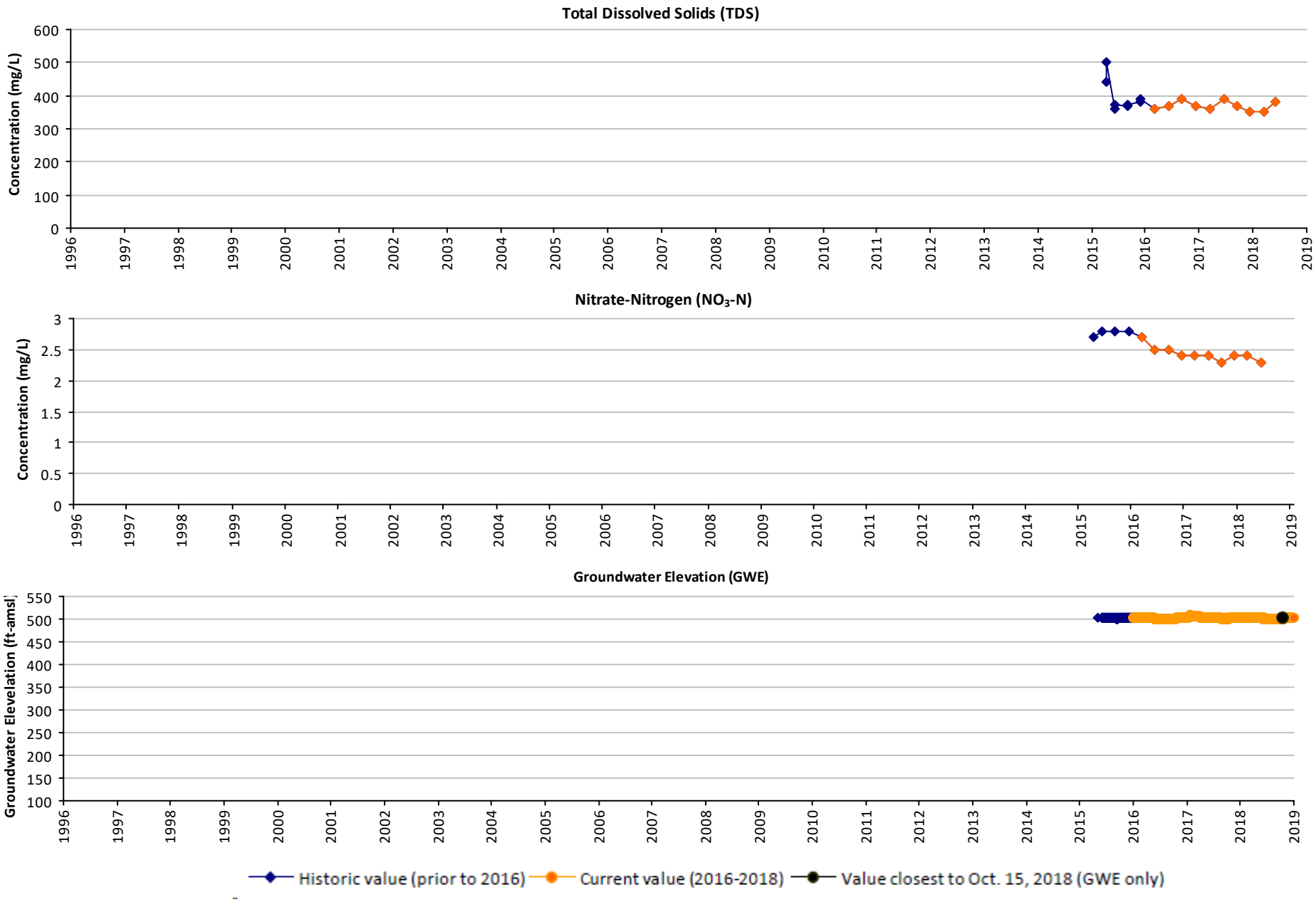
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

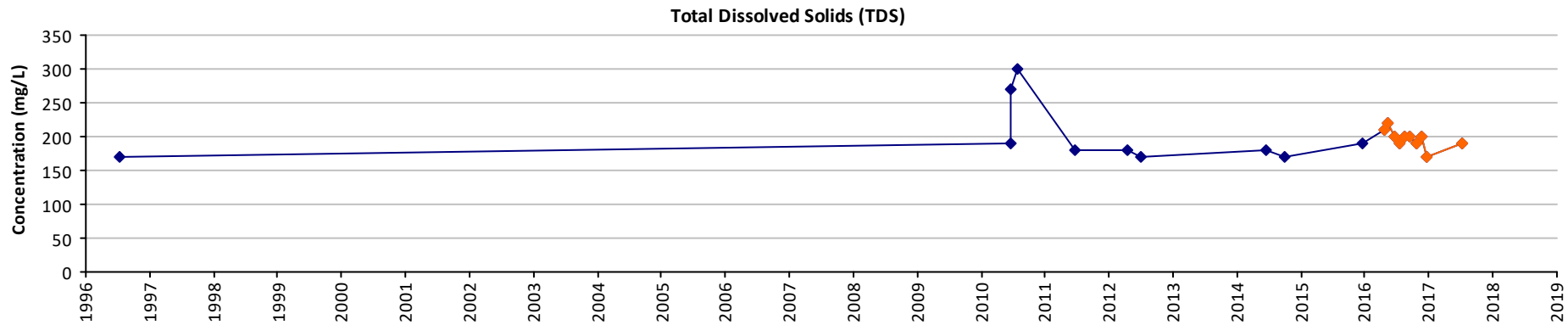

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

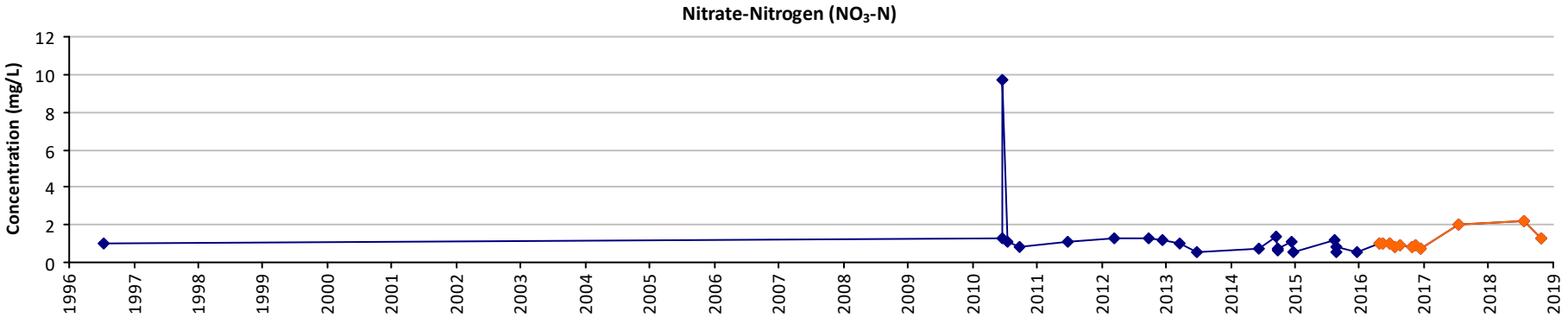

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
550
500
450
400
350
300
250
200
150
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

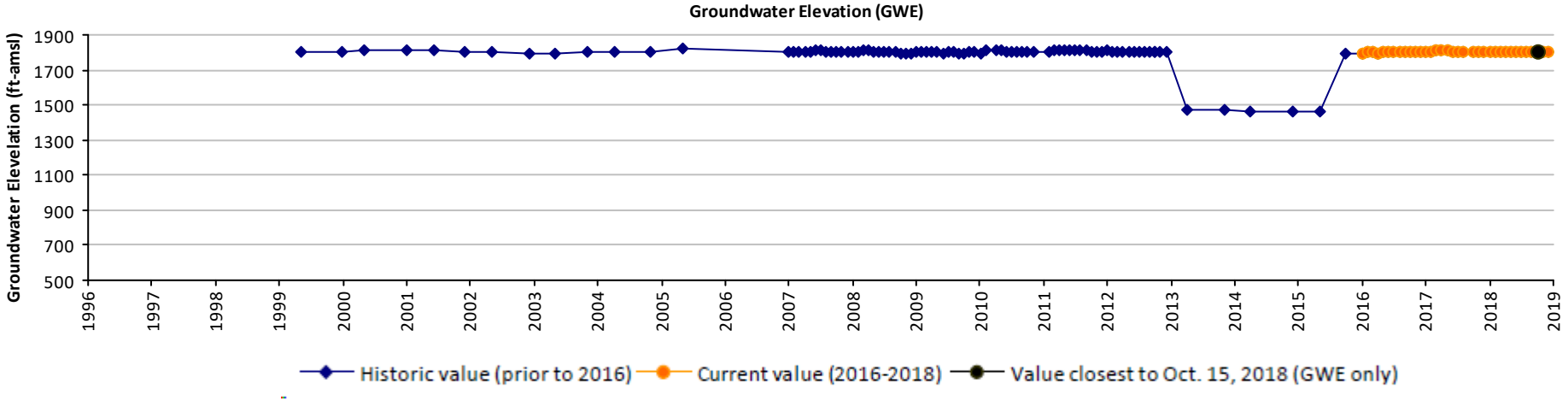

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
150
200
250
300
350
400
450
500
550
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

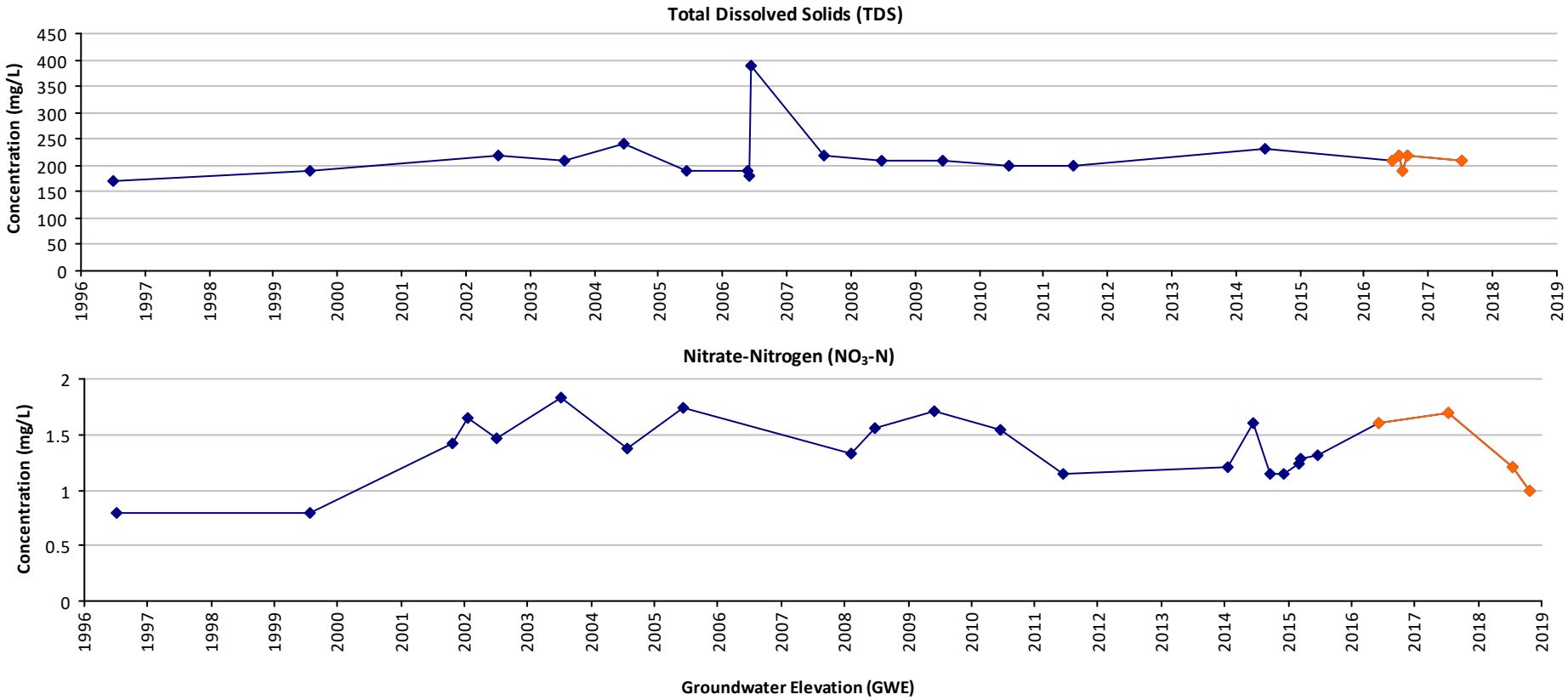
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1000402
Management Zone: Rialto





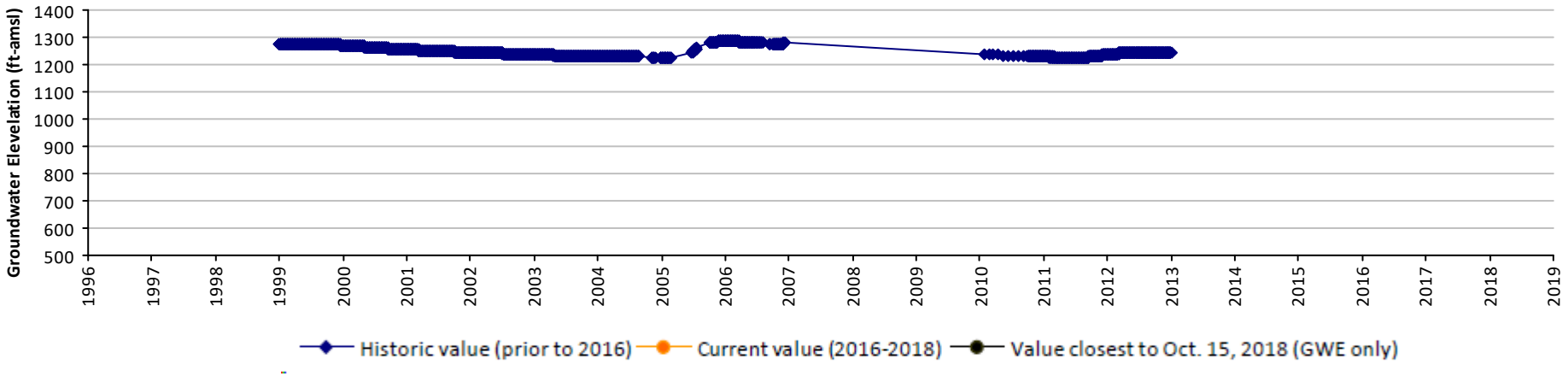



Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

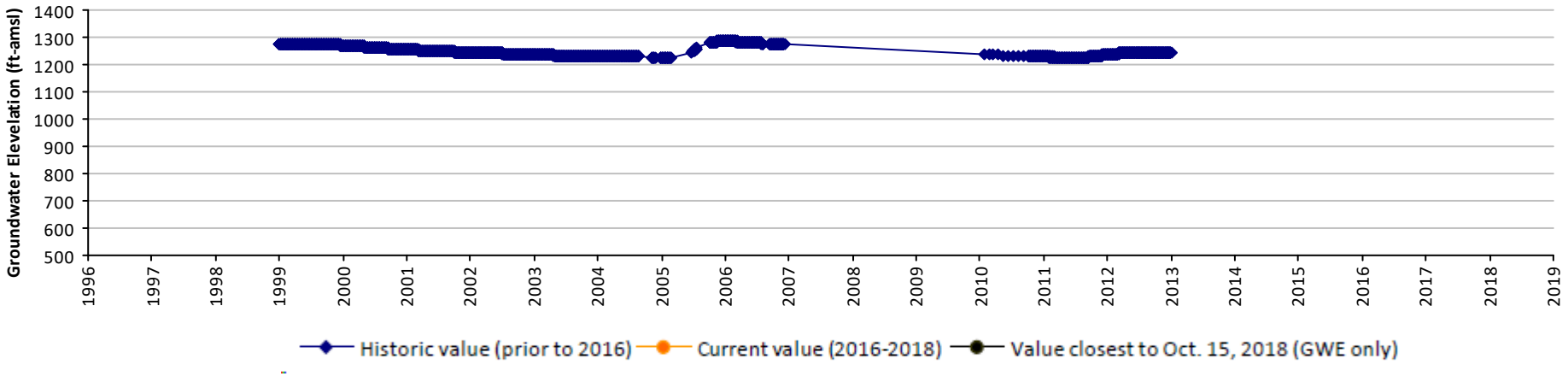
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

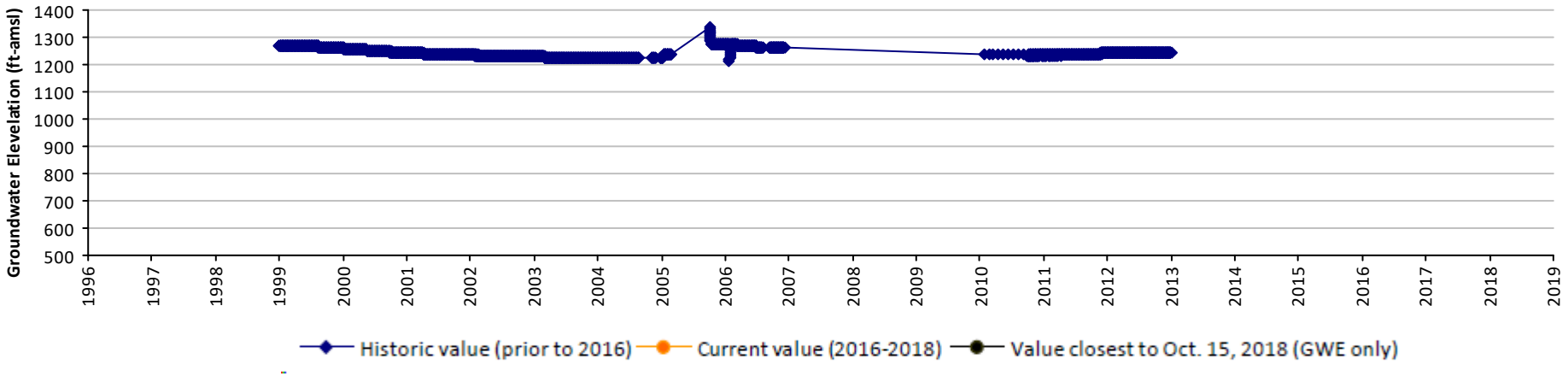
Groundwater Elevation (GWE)

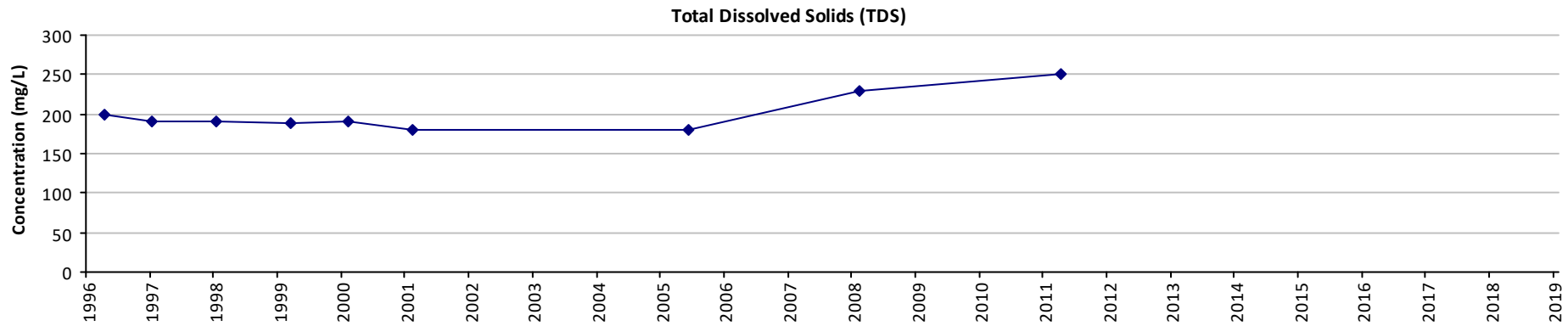


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
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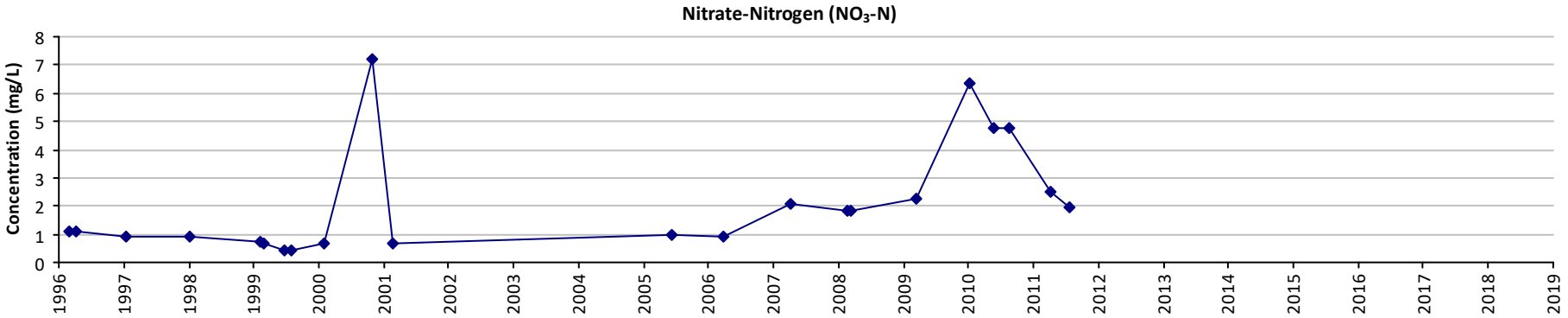
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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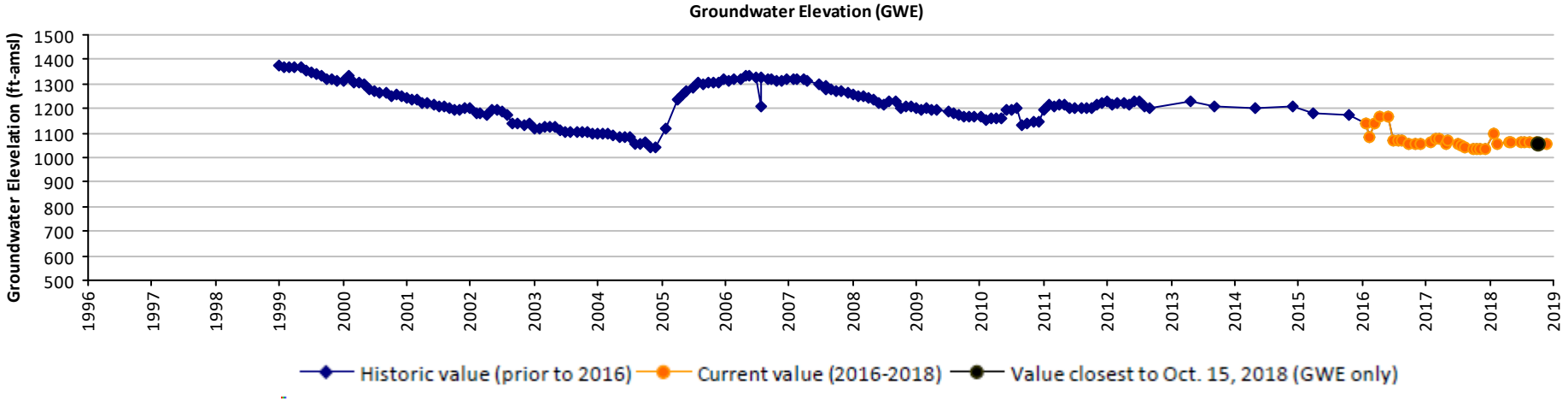
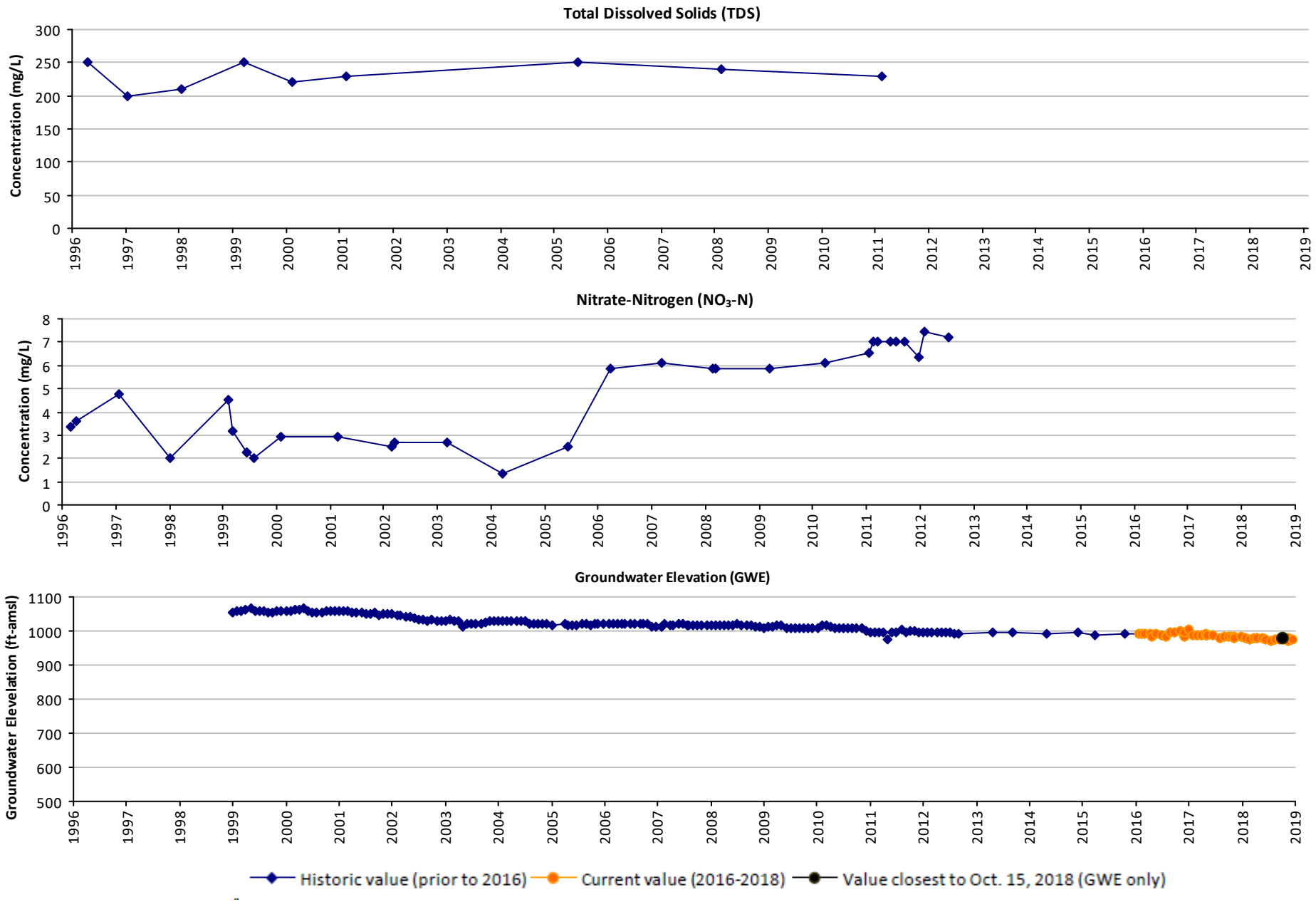
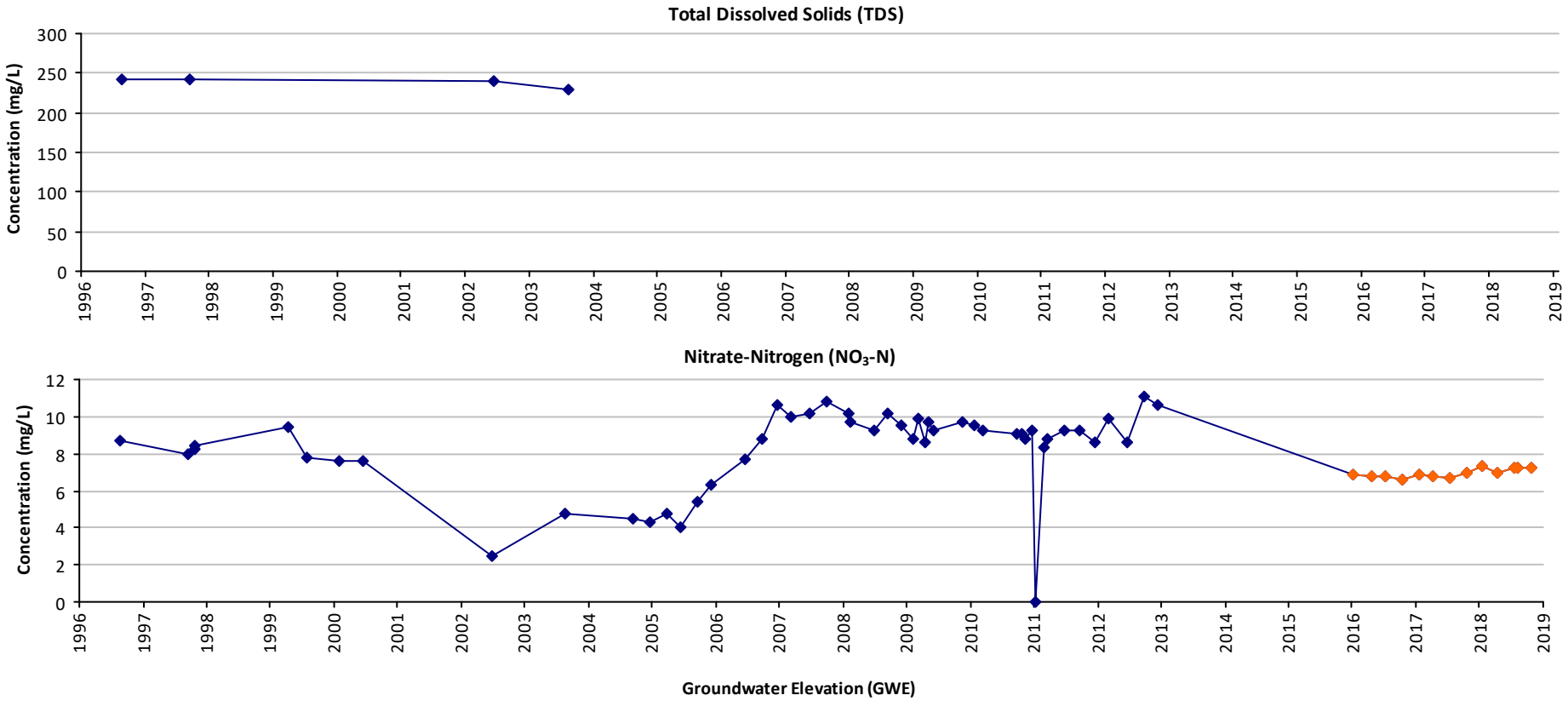
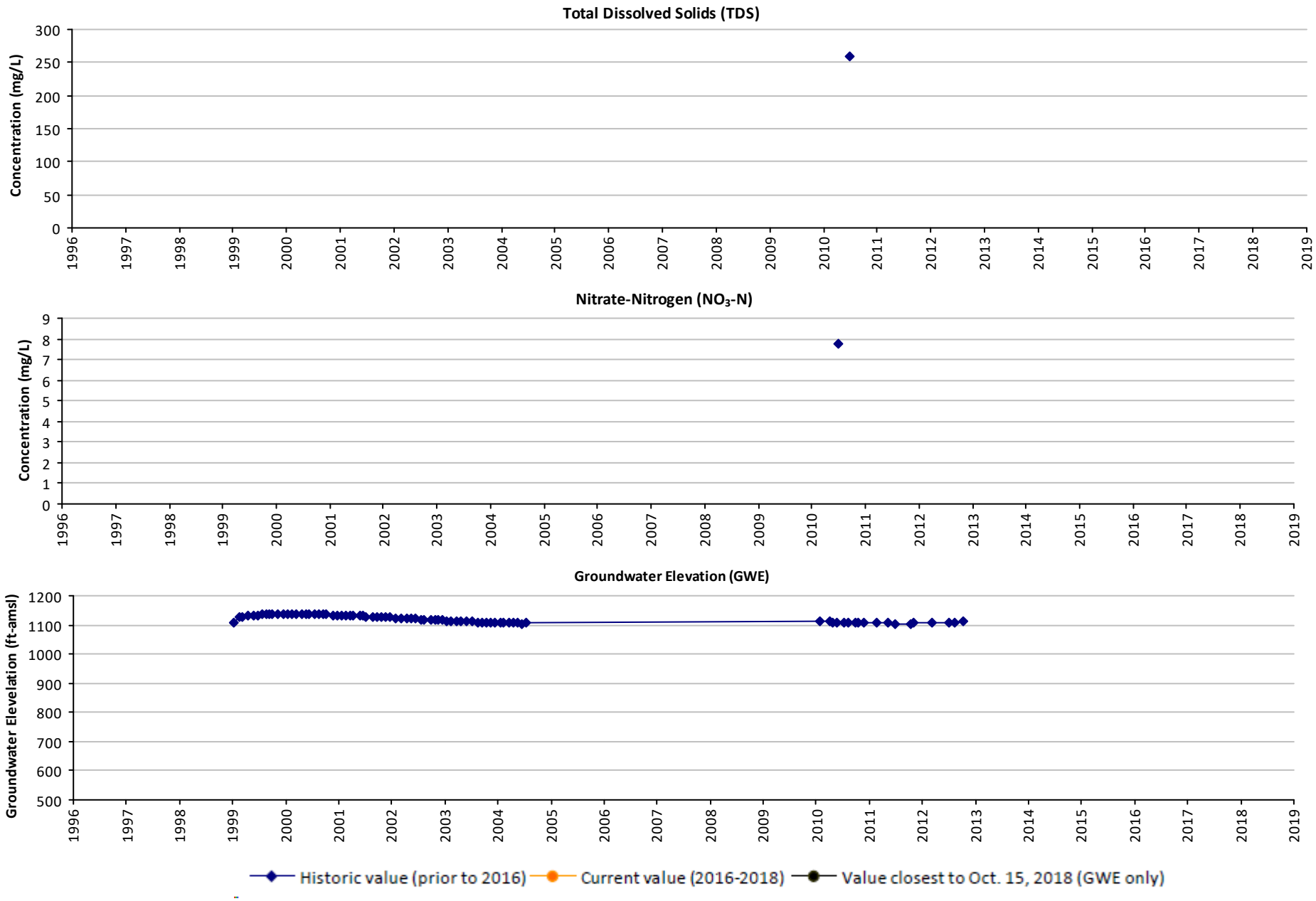
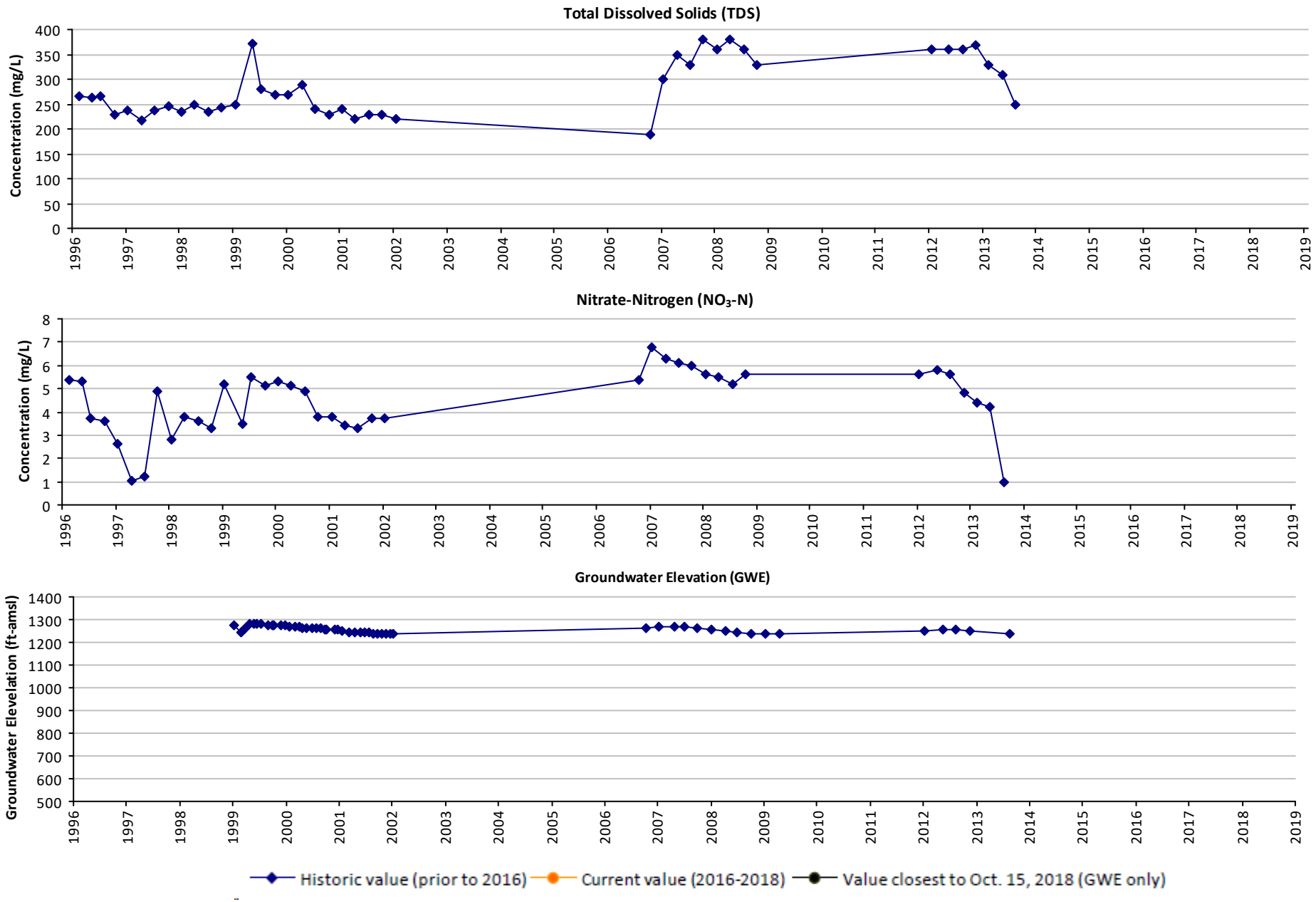
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

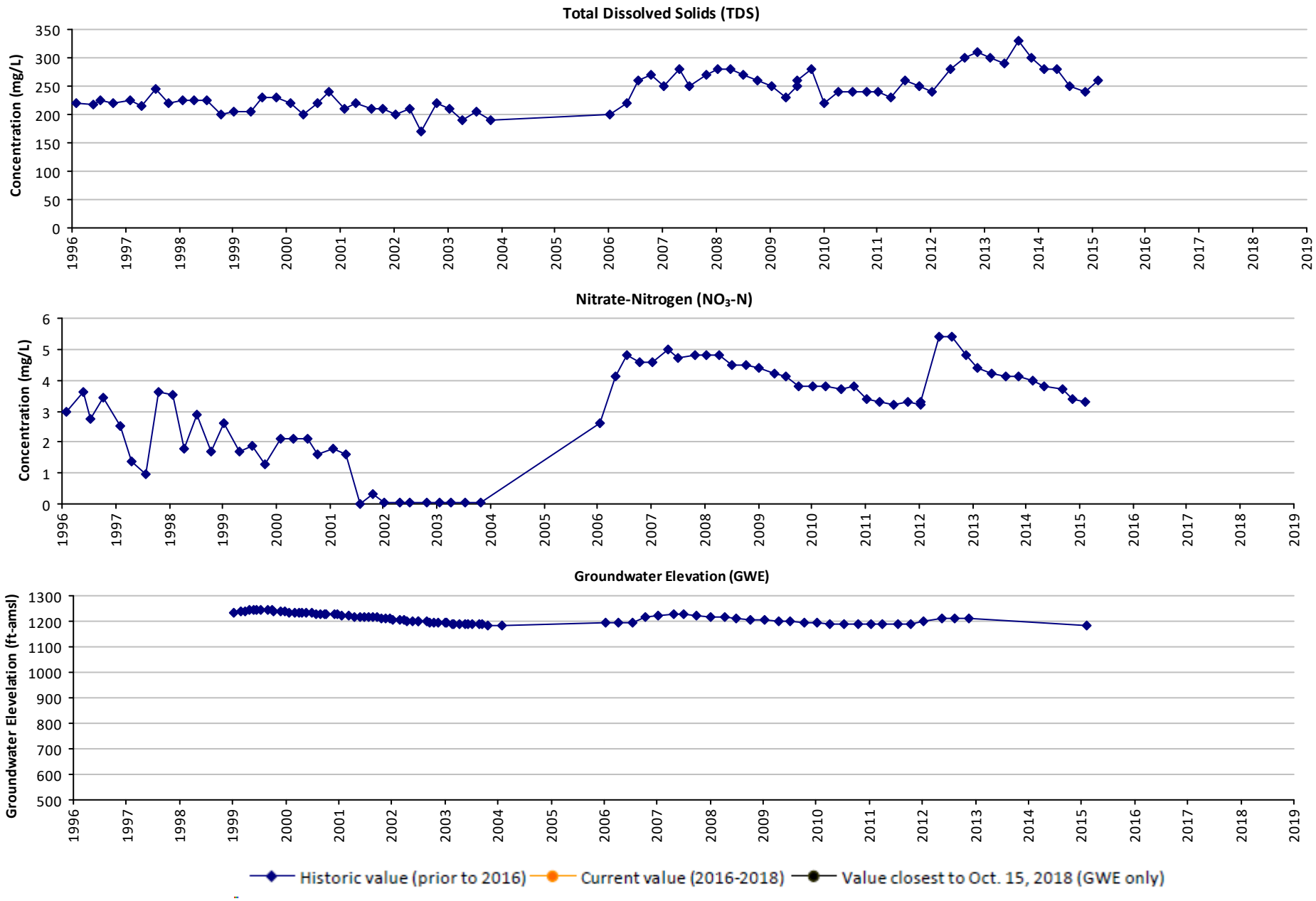

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

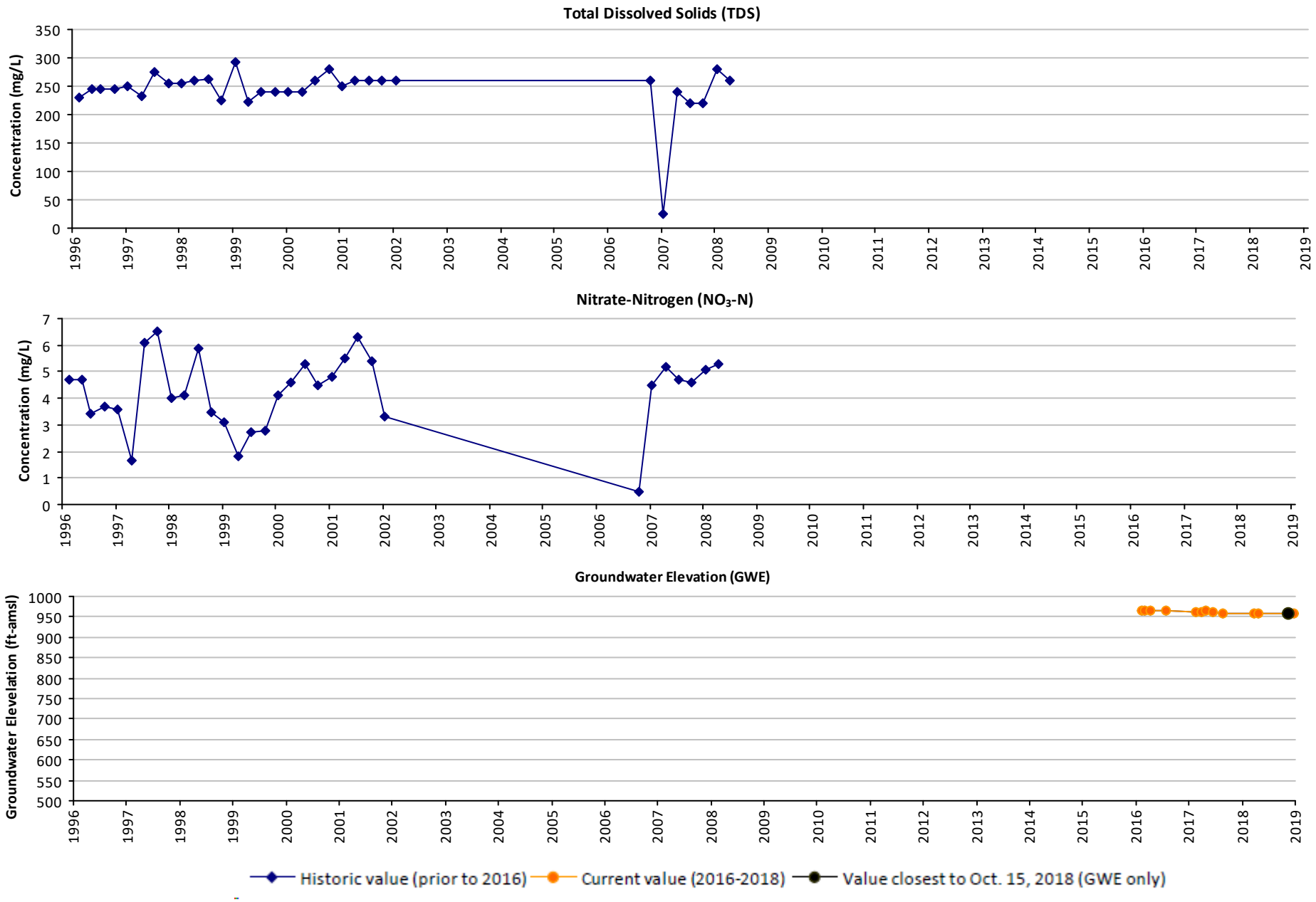

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

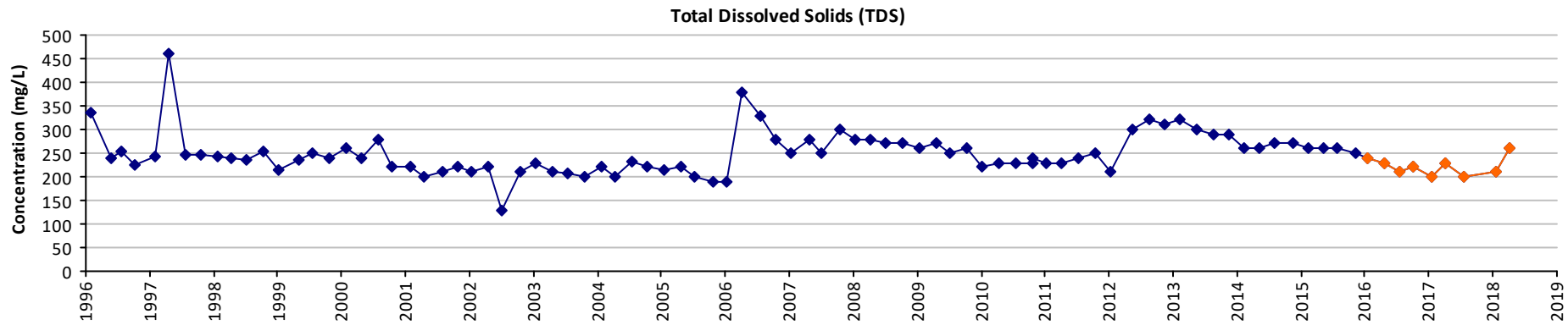

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
500
1996
1997
1998
1999
2000
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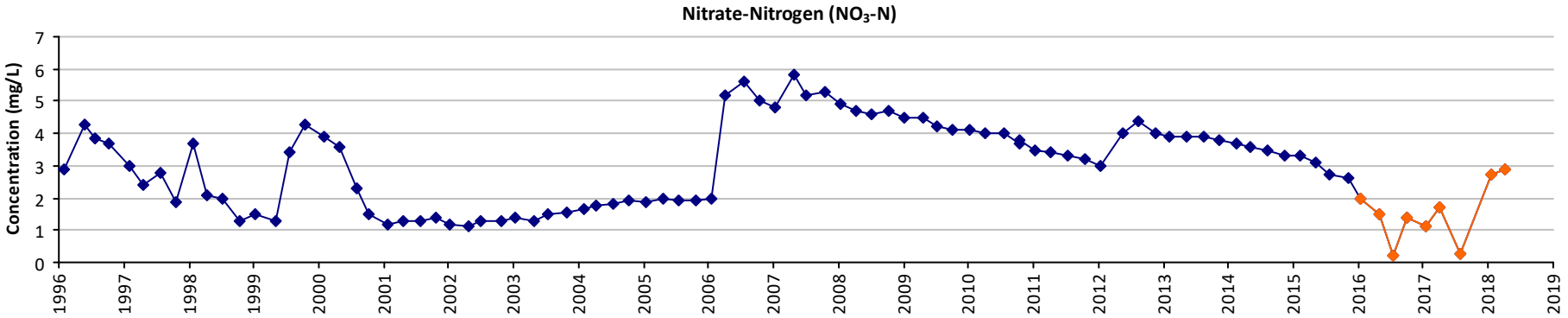
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
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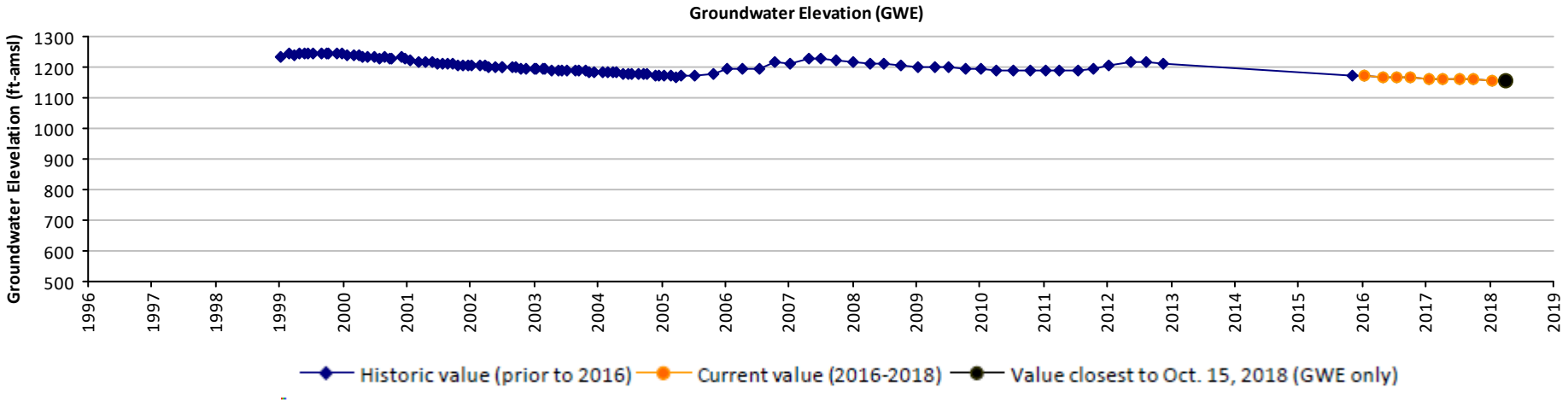
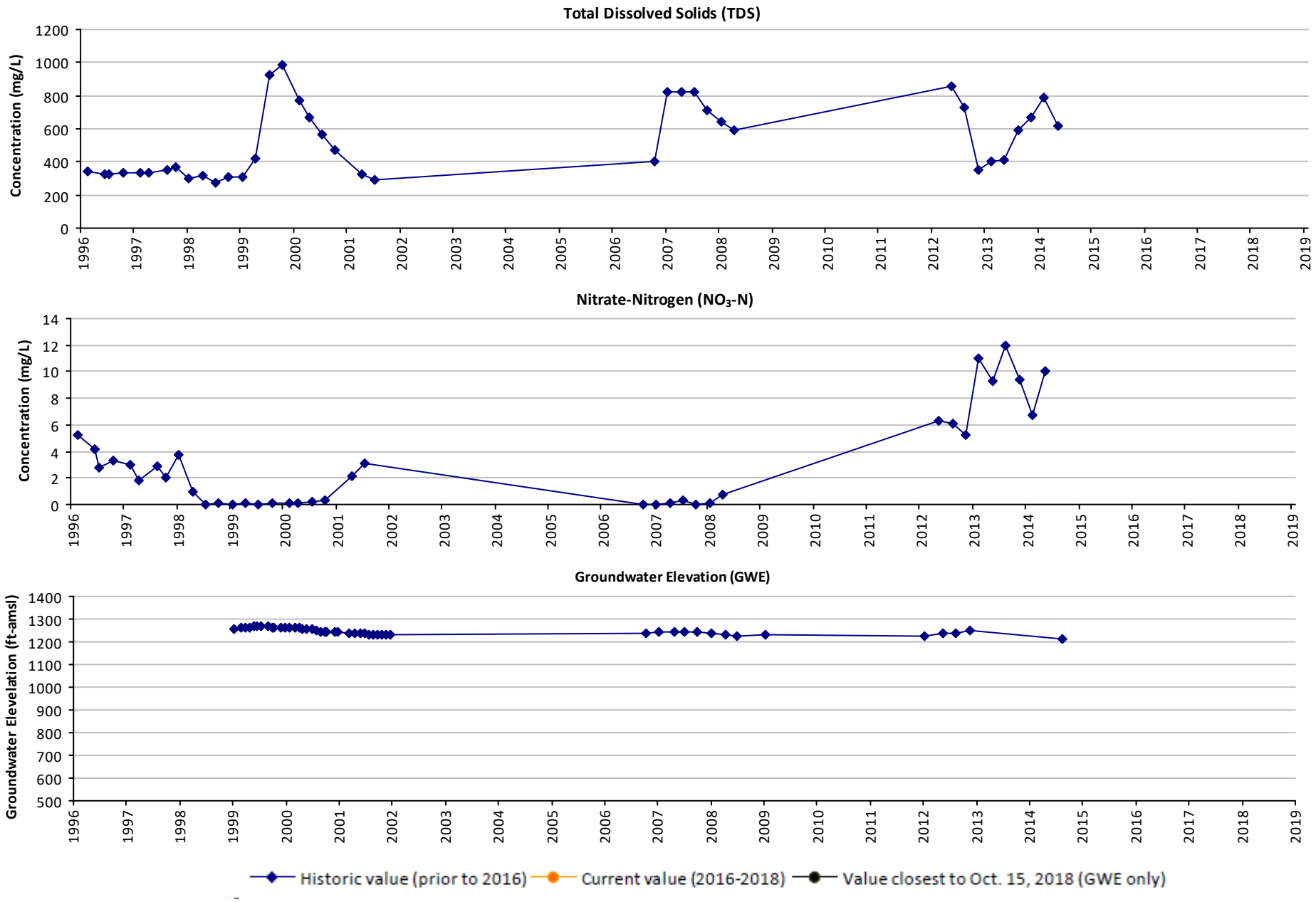
2019

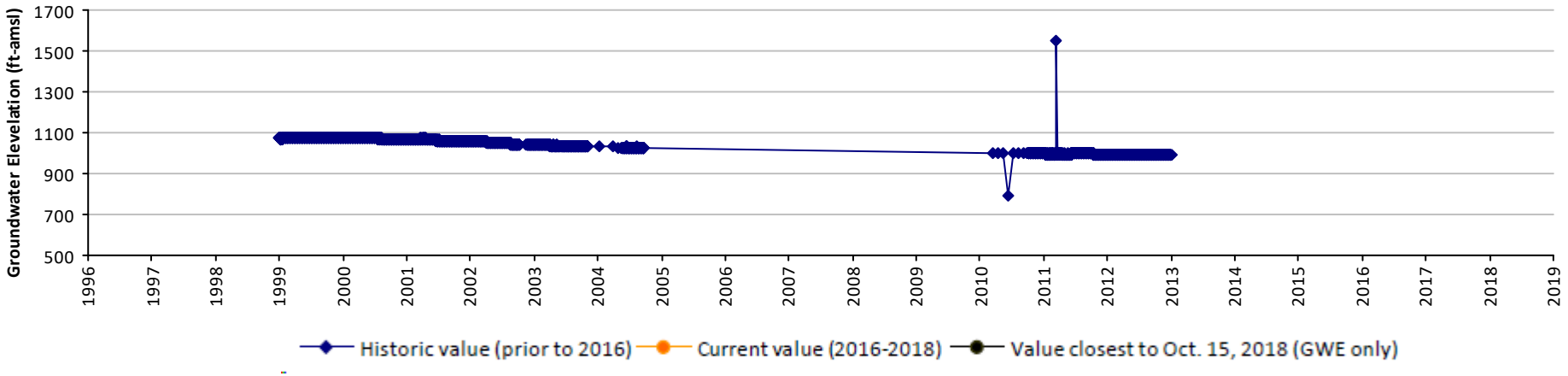

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

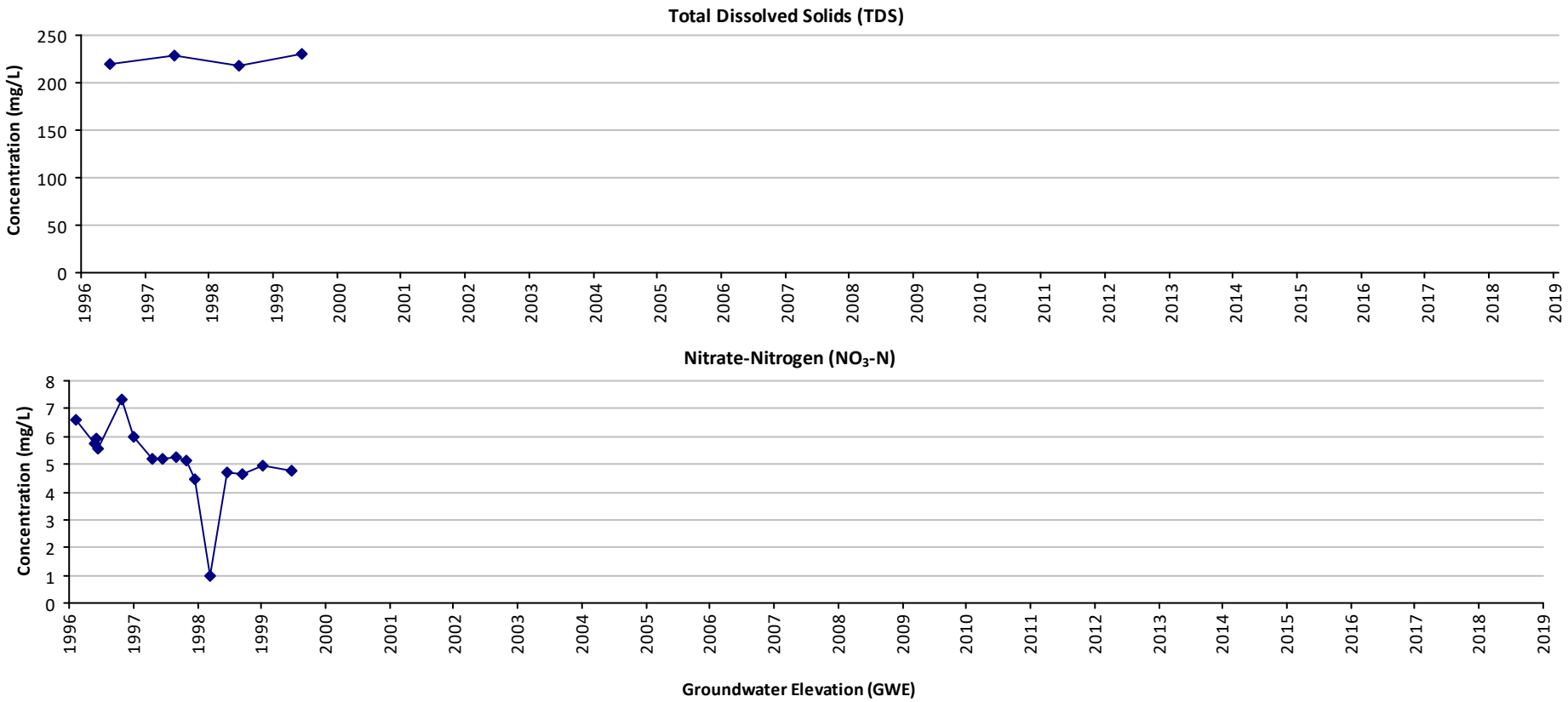

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)




Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
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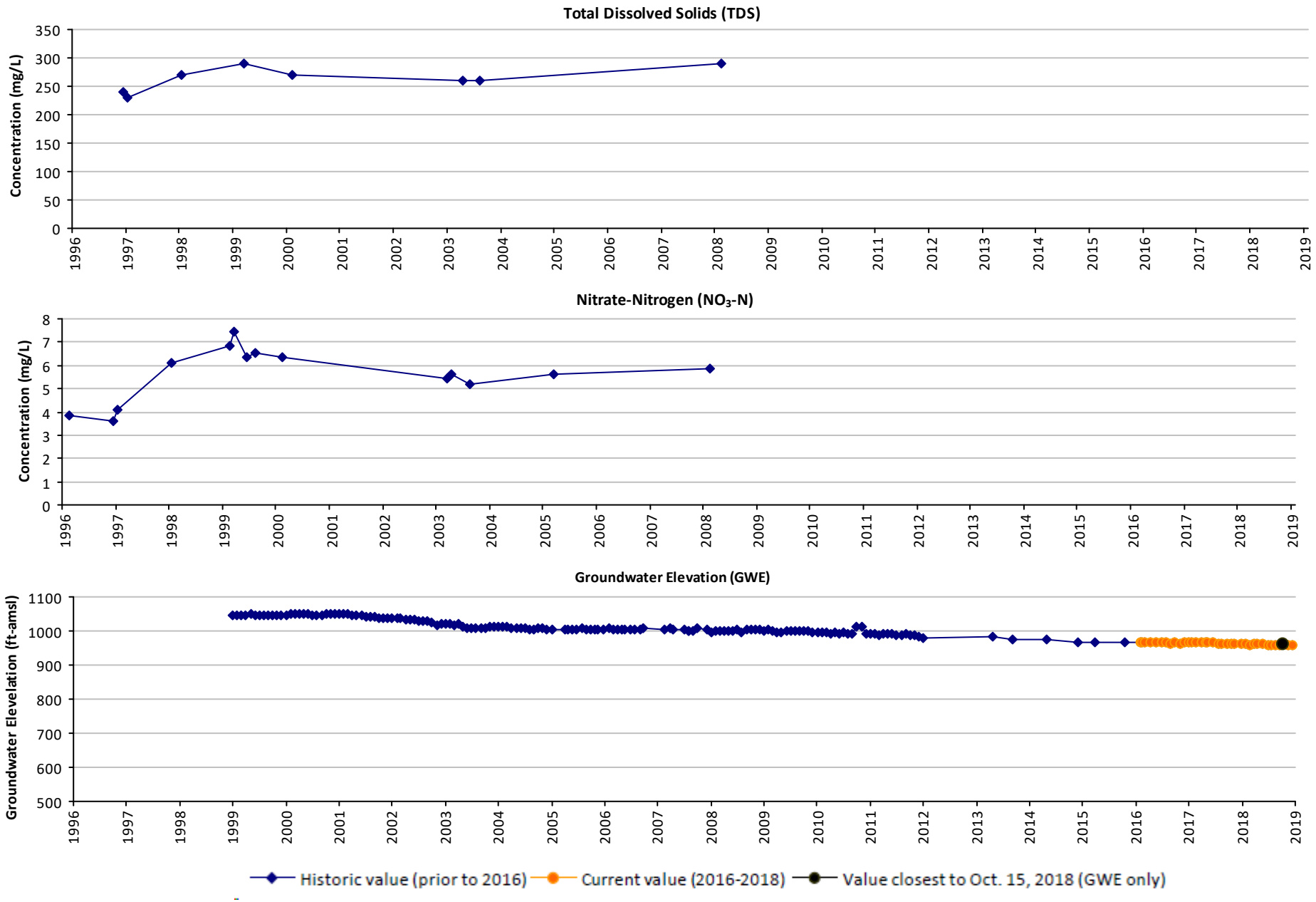
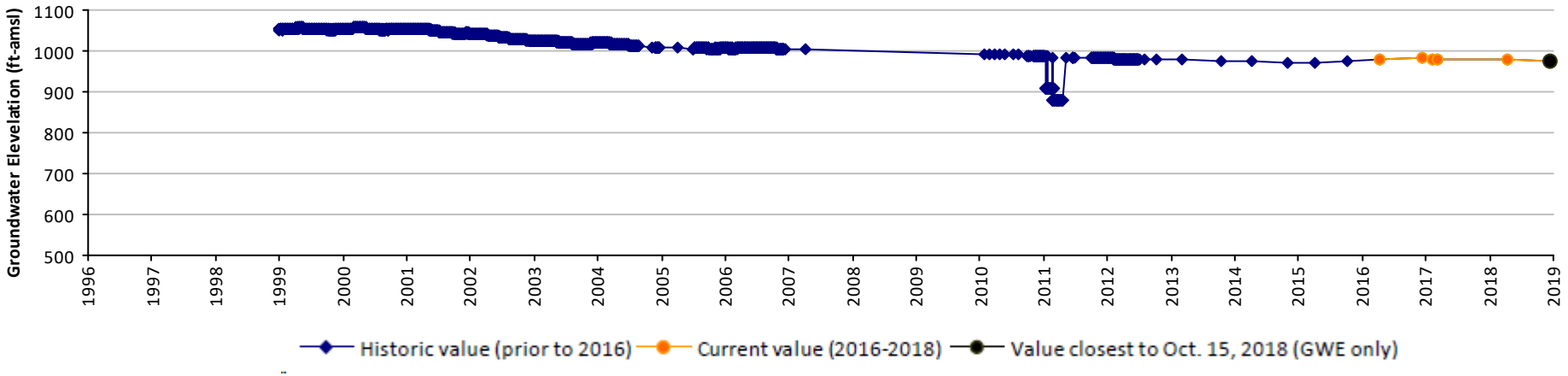
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

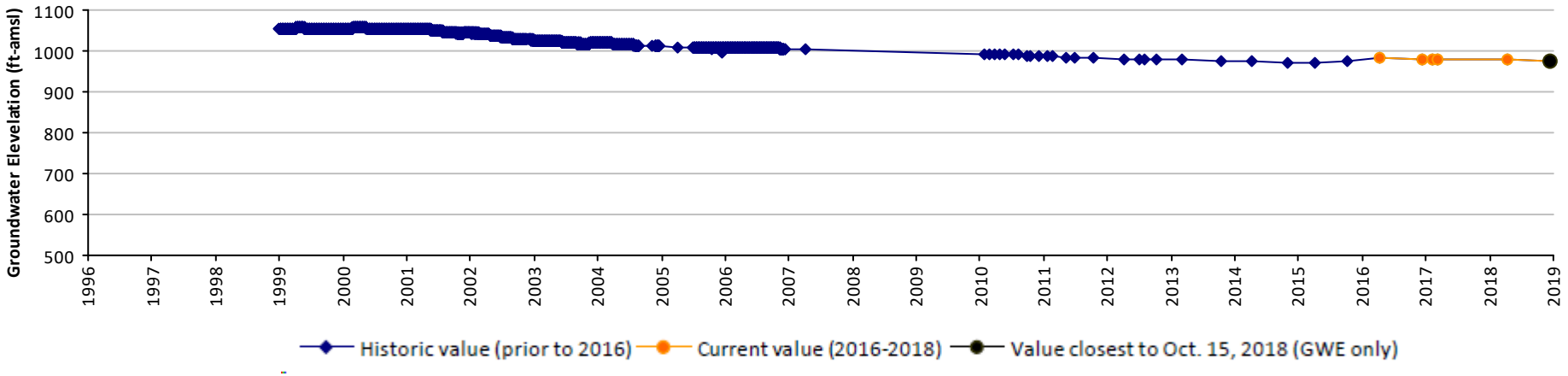
Groundwater Elevation (GWE)

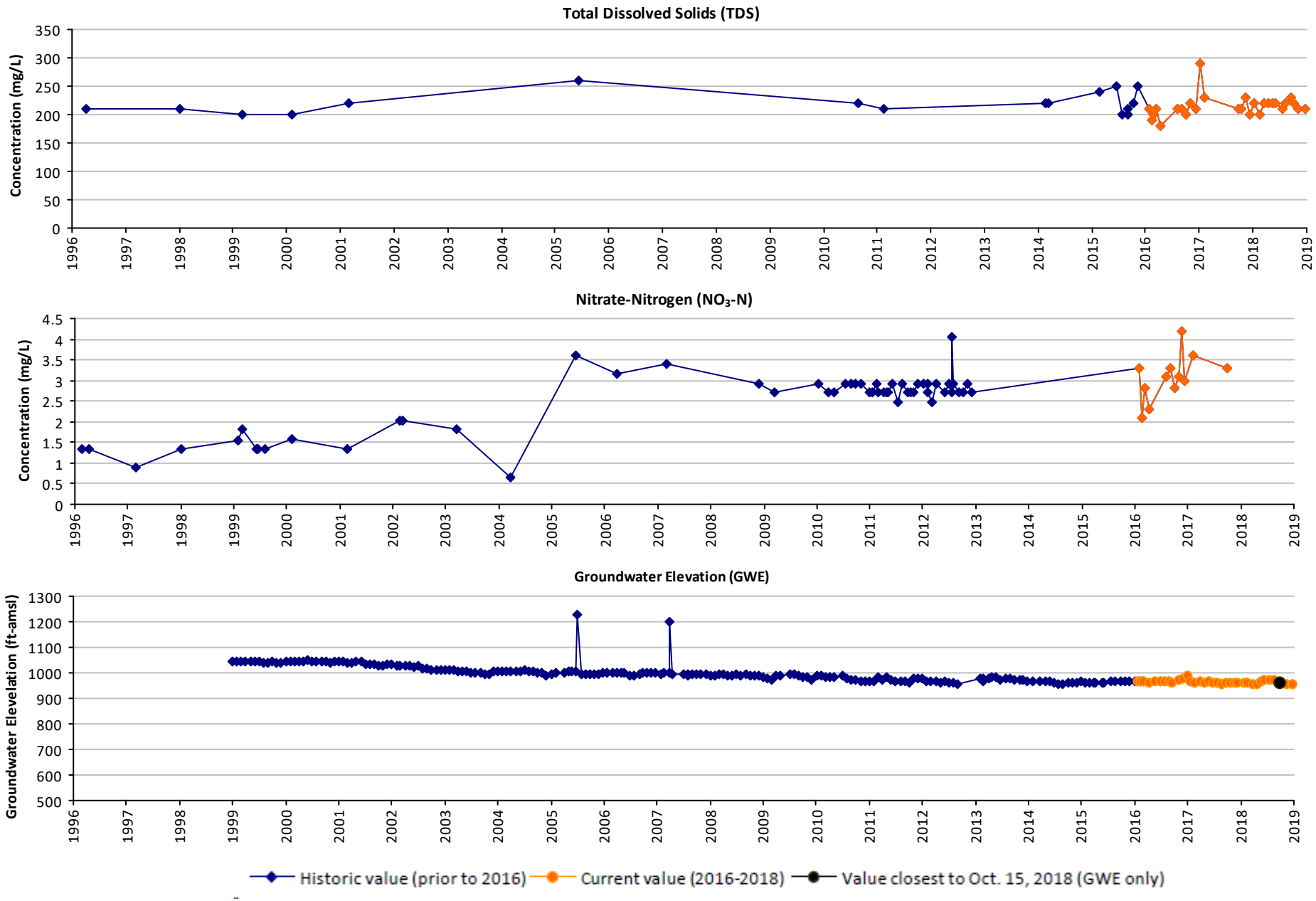


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

Groundwater Elevation (GWE)

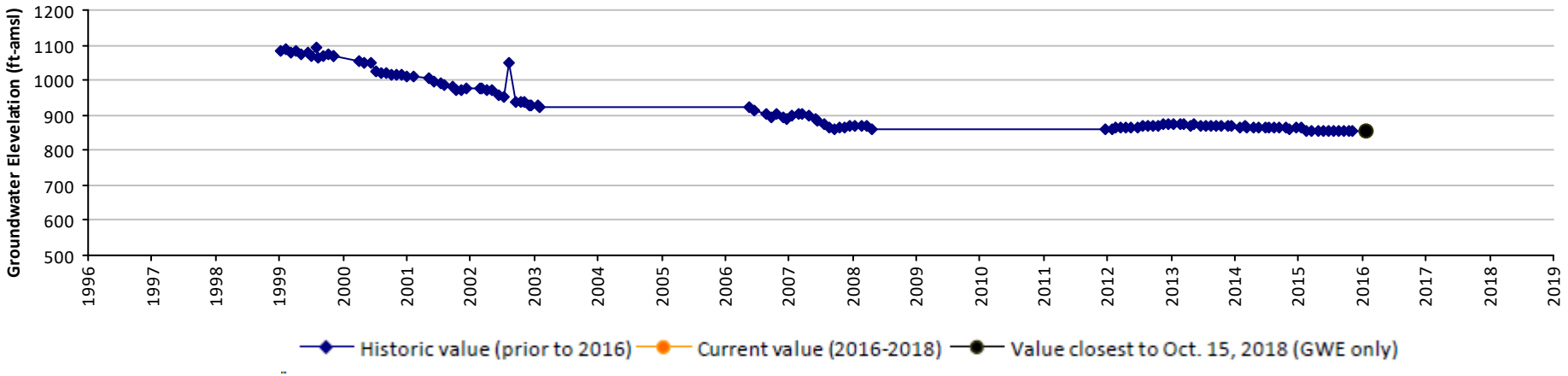



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

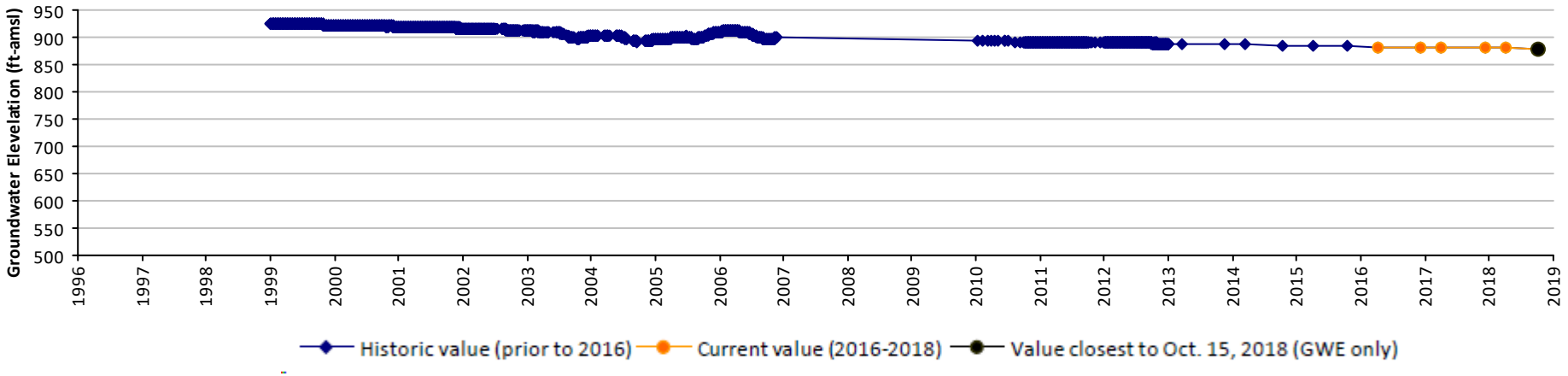
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

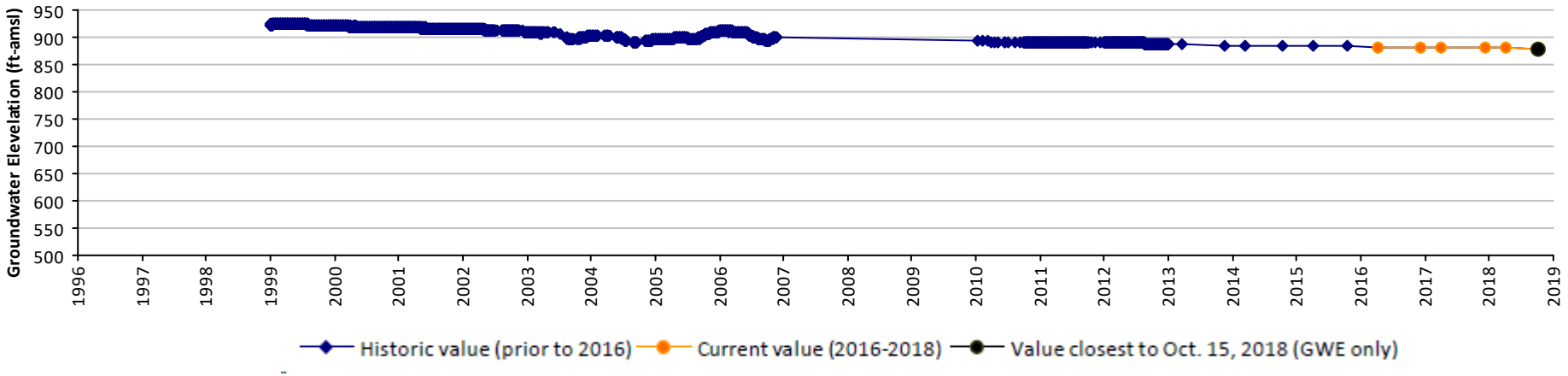
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

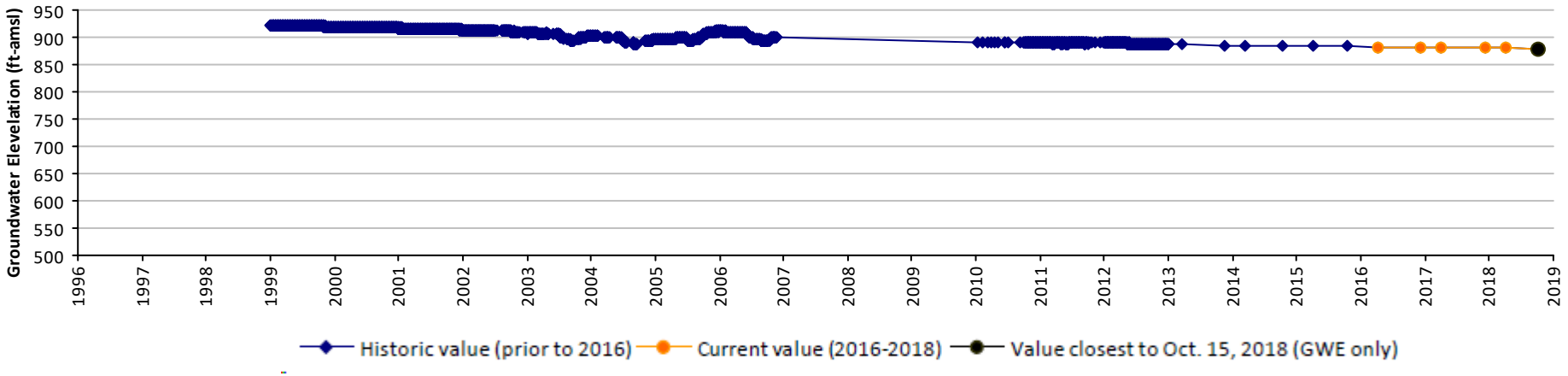
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

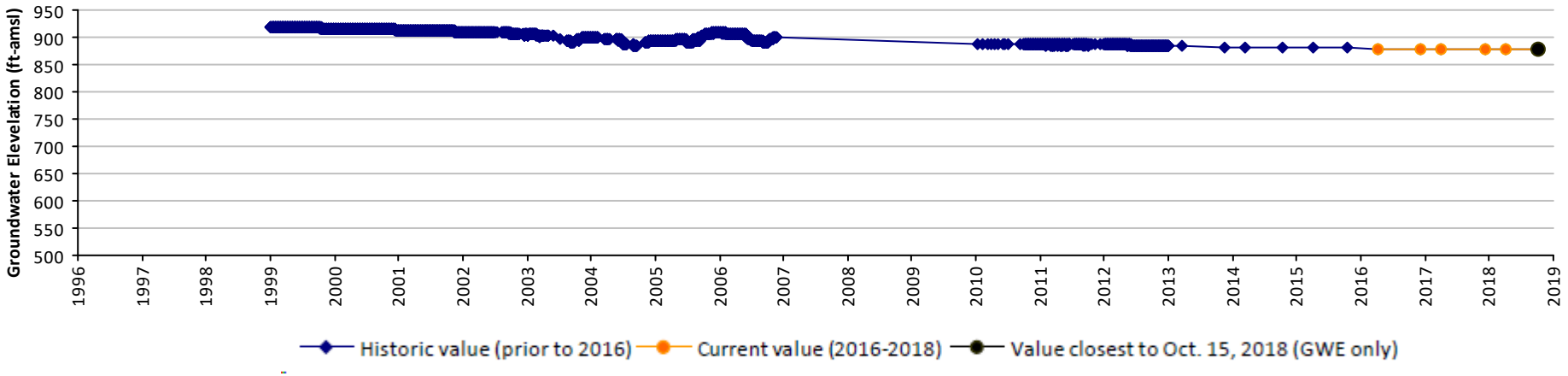
Groundwater Elevation (GWE)

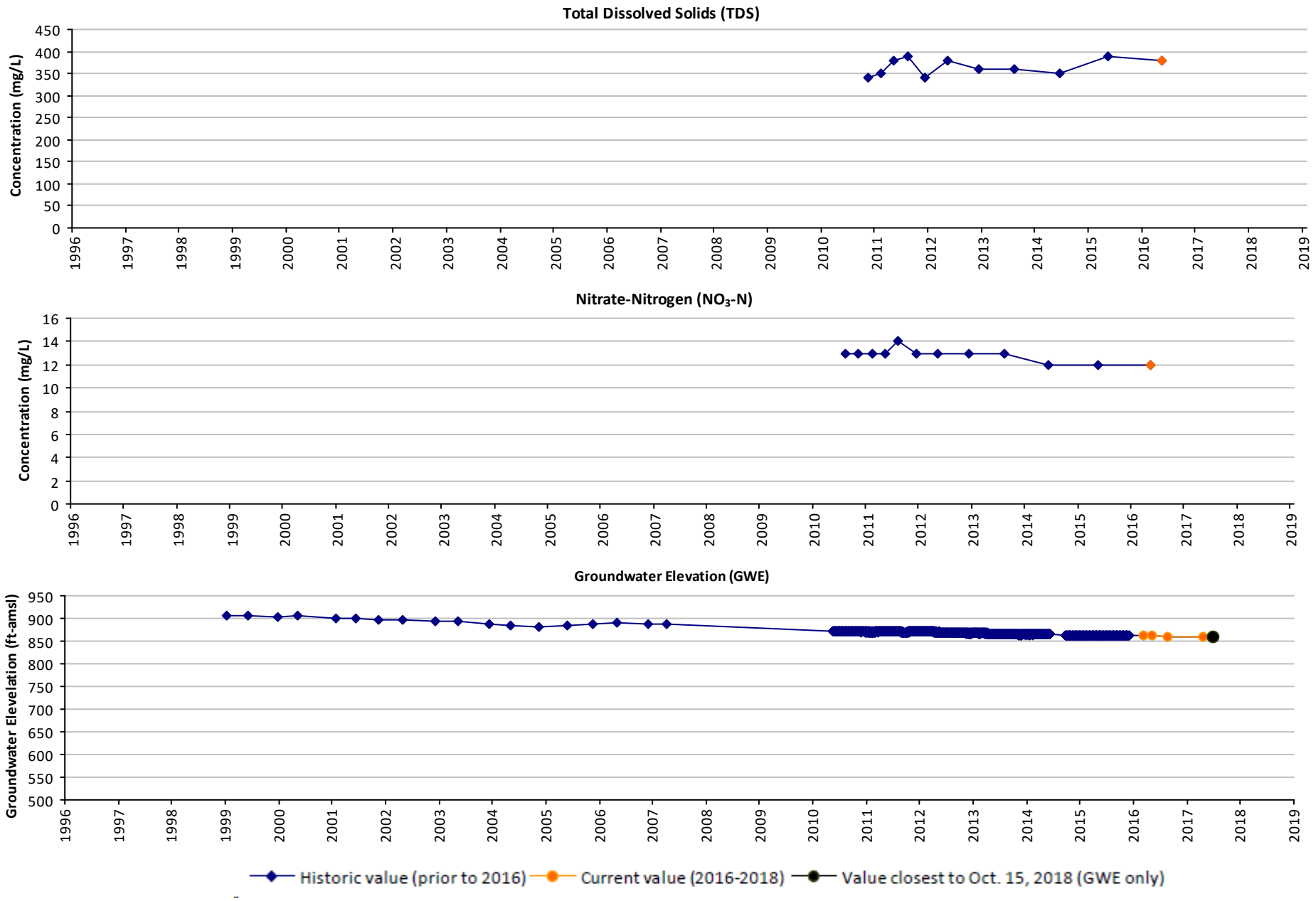


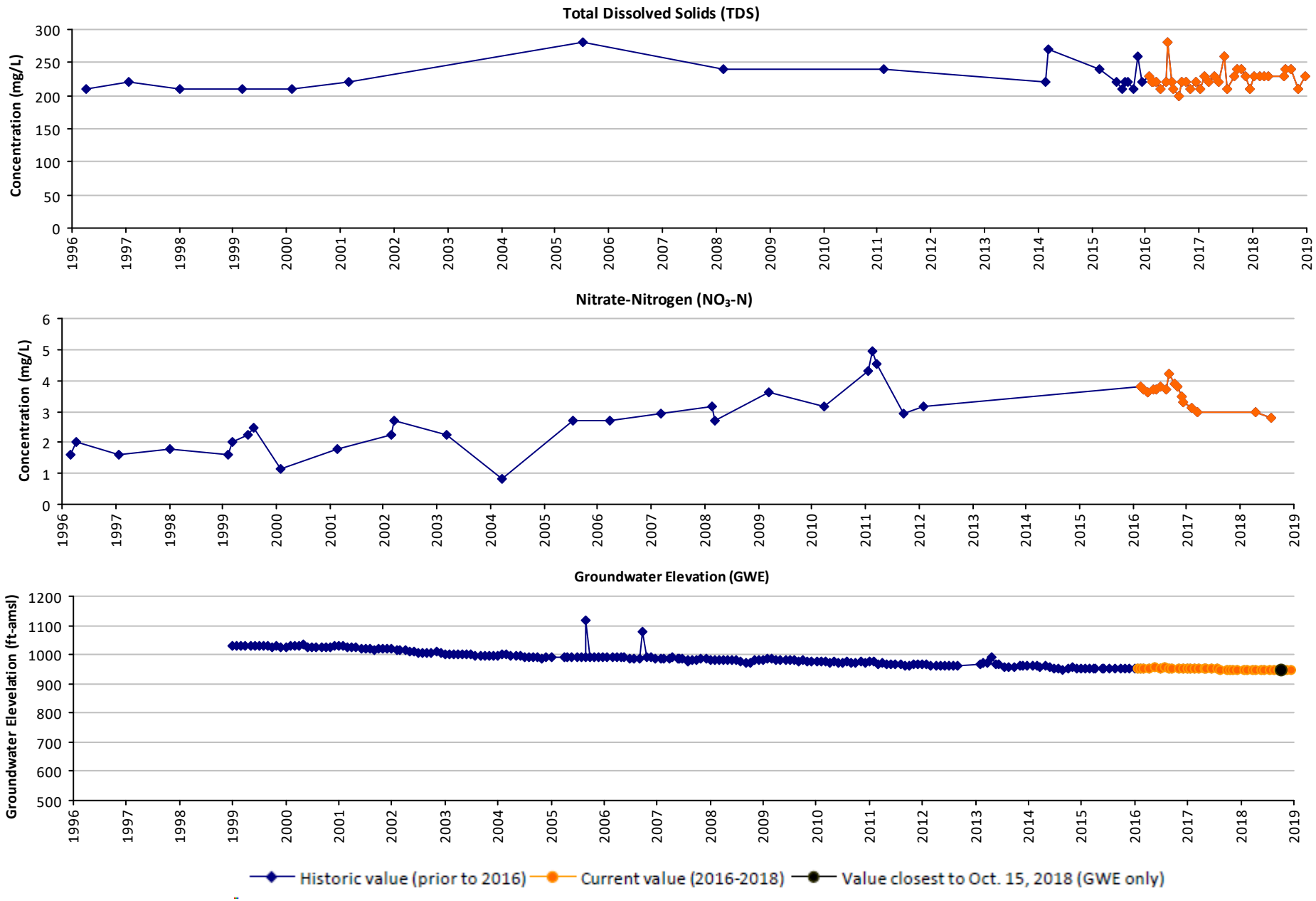
Total Dissolved Solids (TDS)

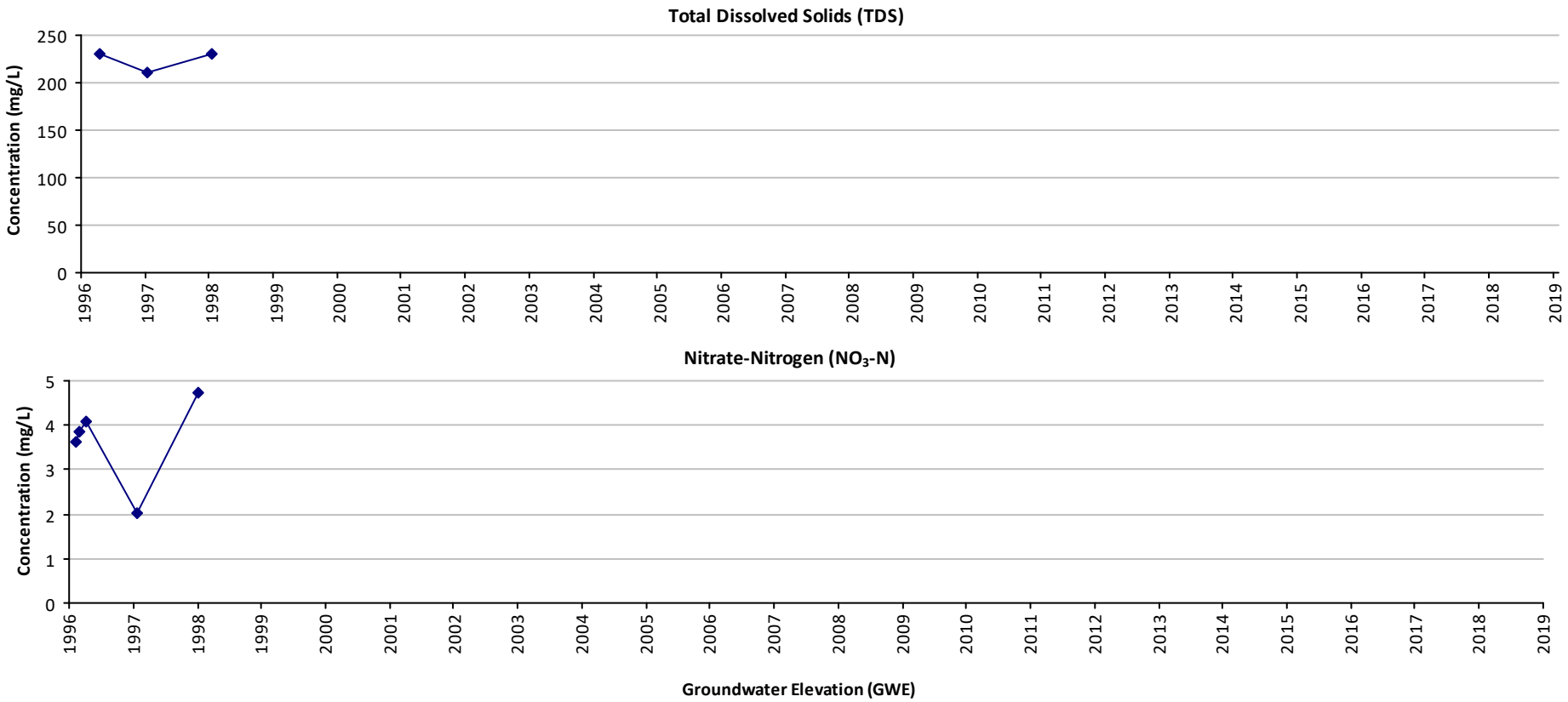
Nitrate-Nitrogen (NO_3-N)

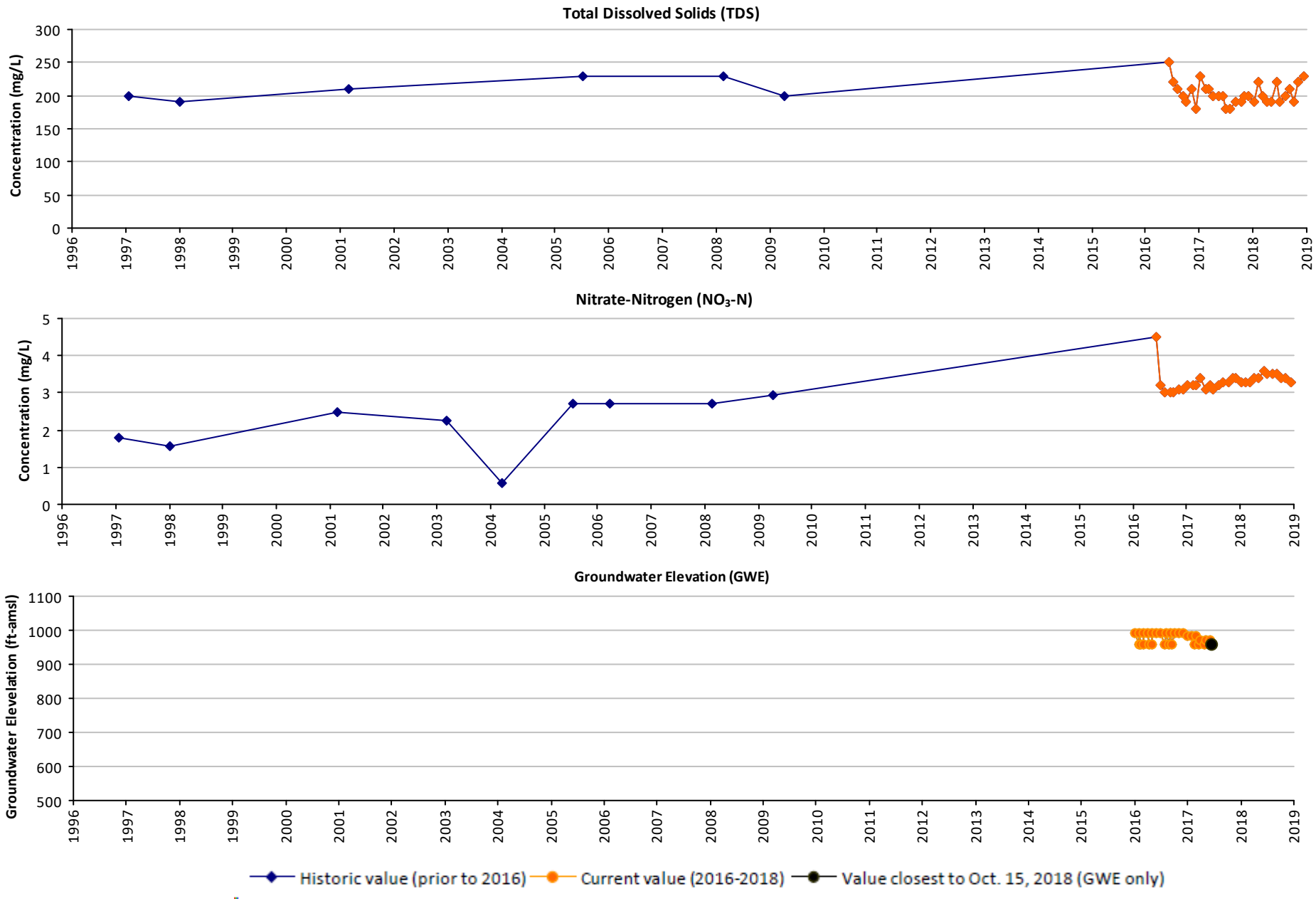
Groundwater Elevation (GWE)

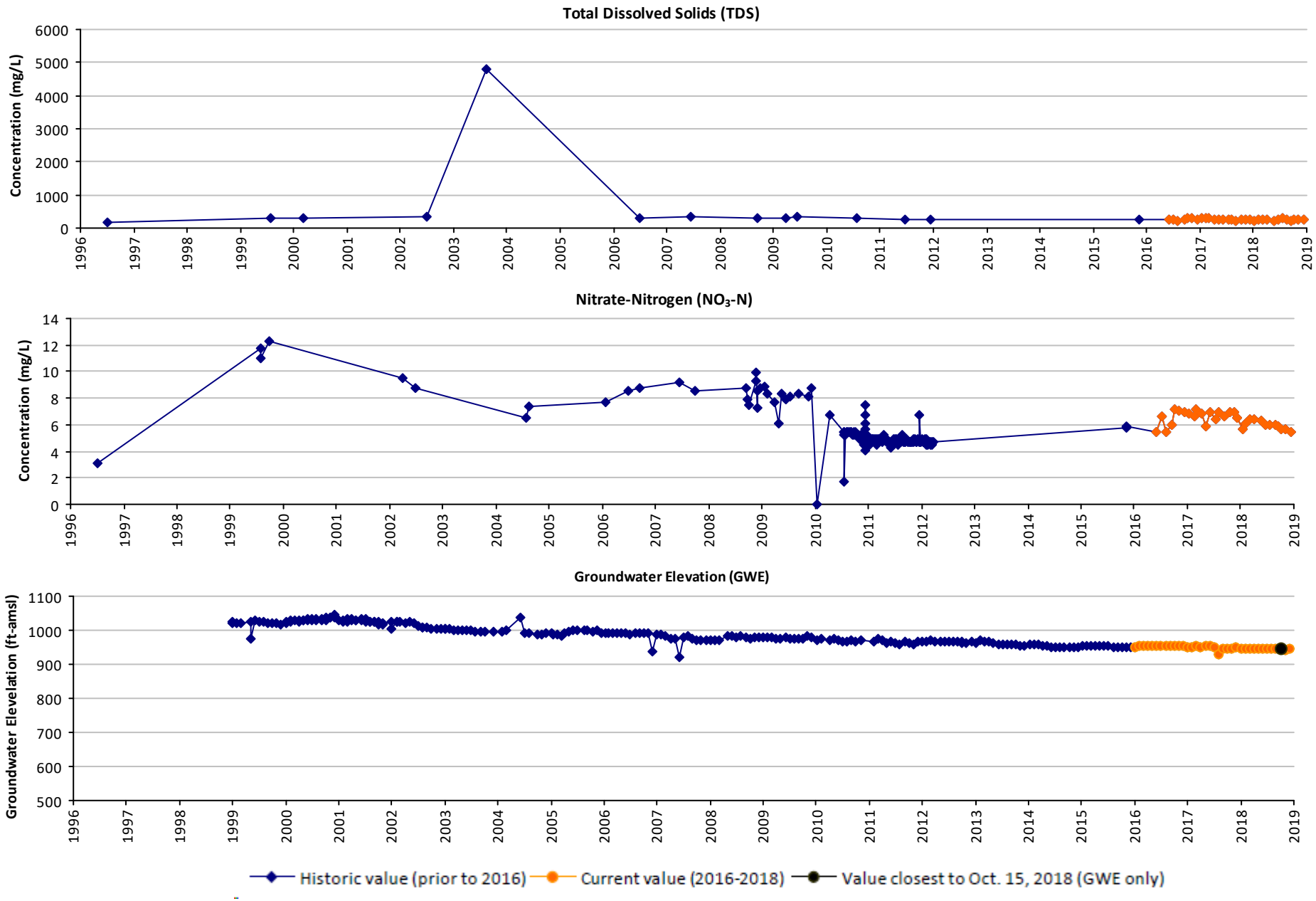


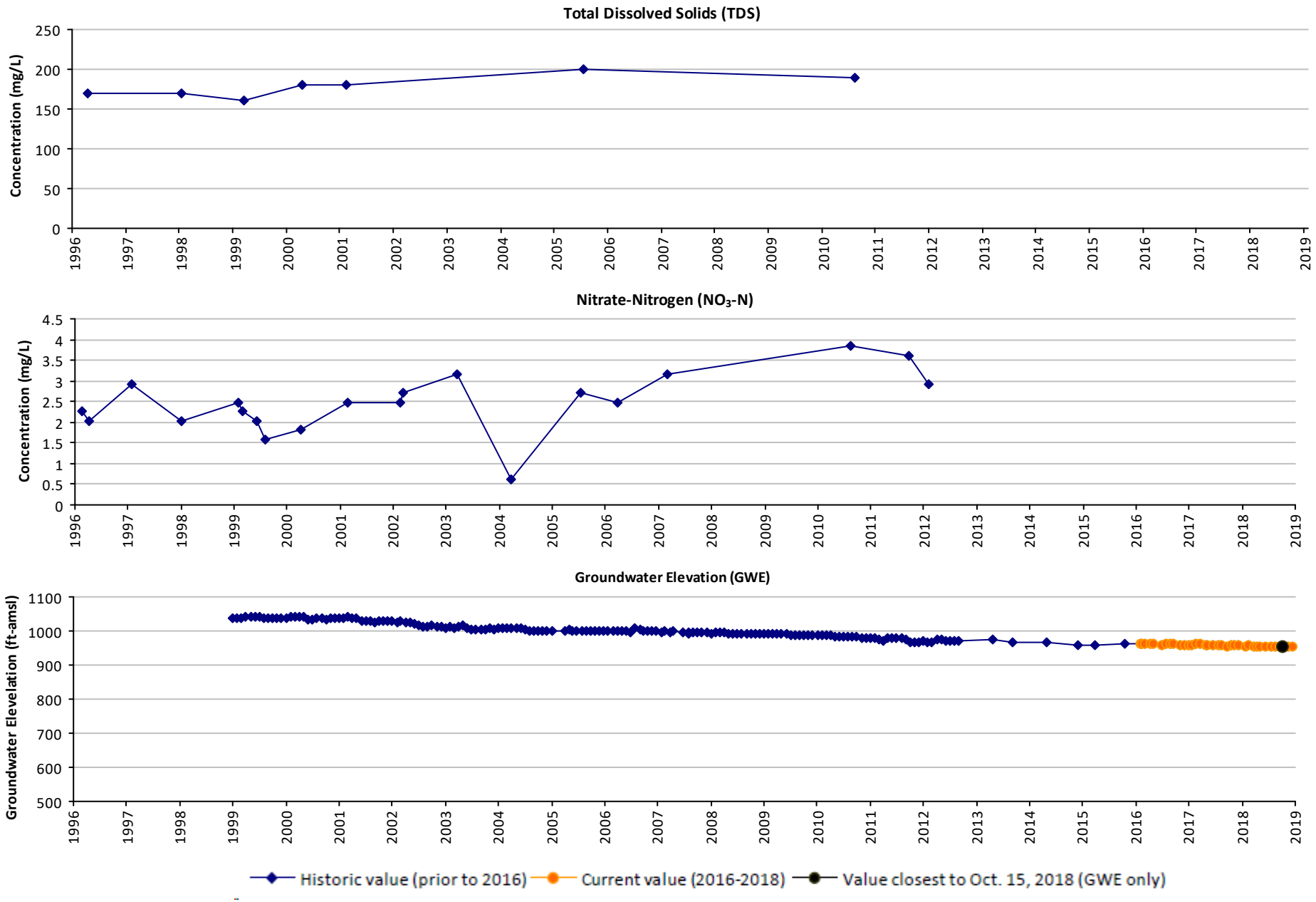

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

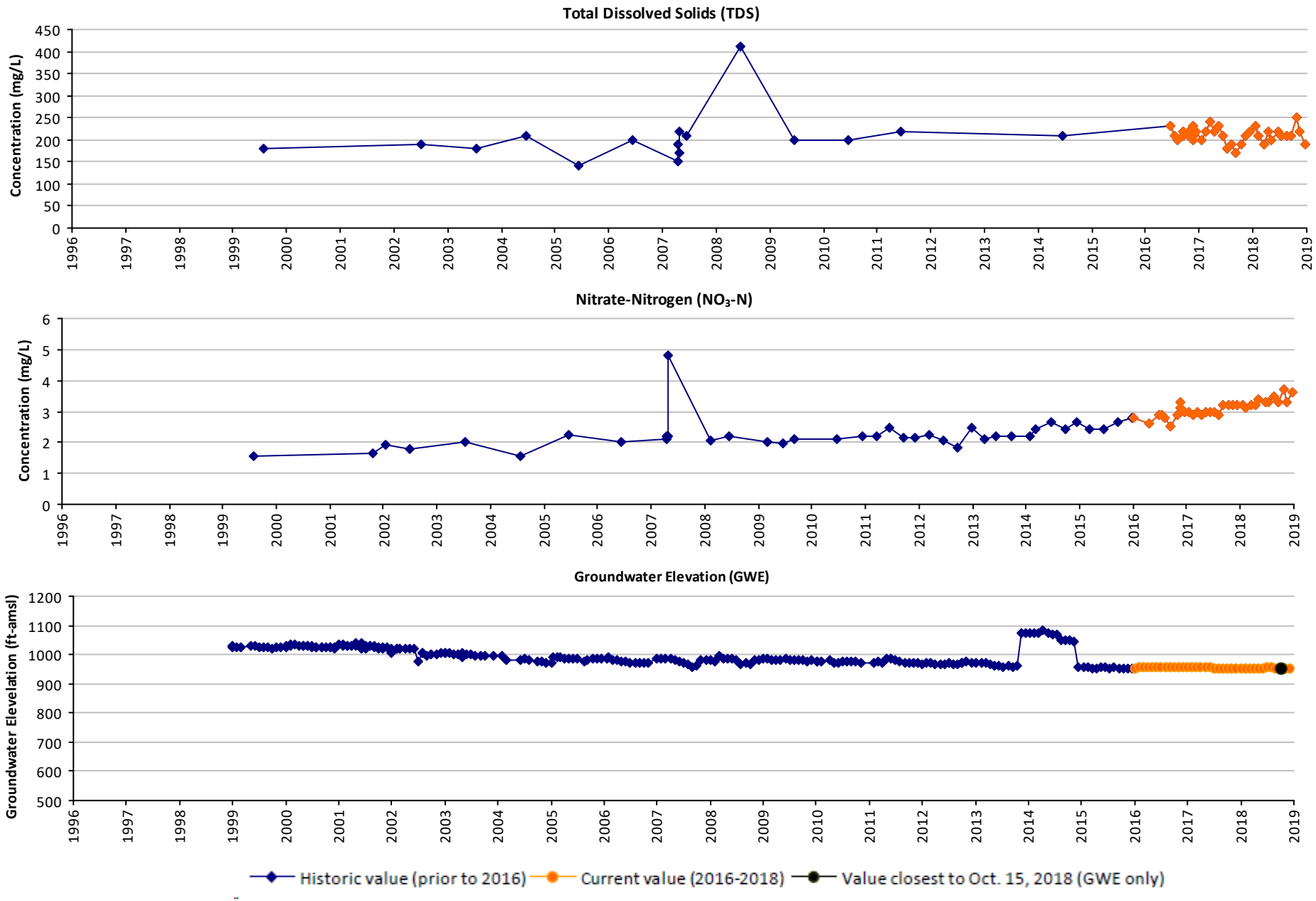

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

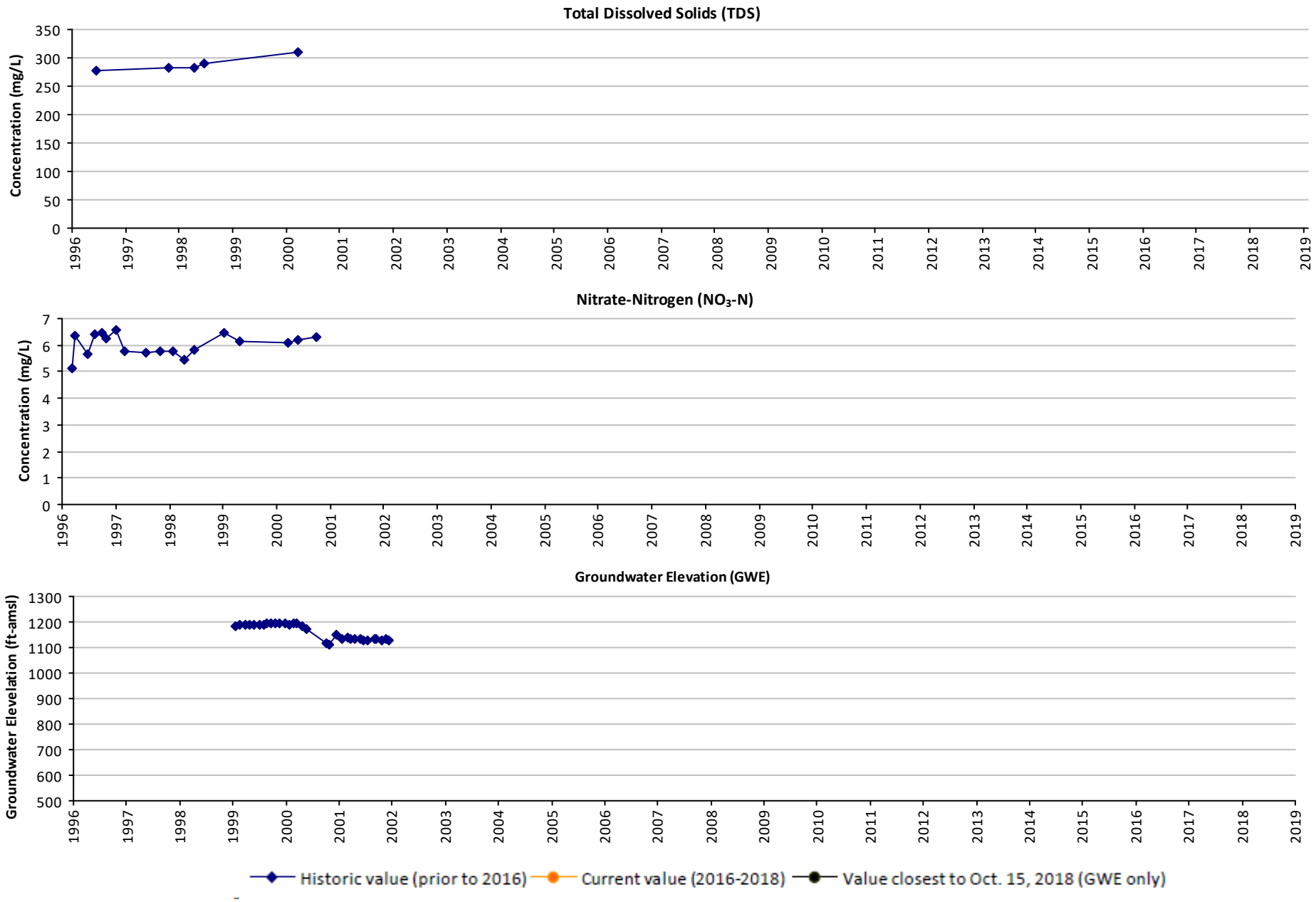

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

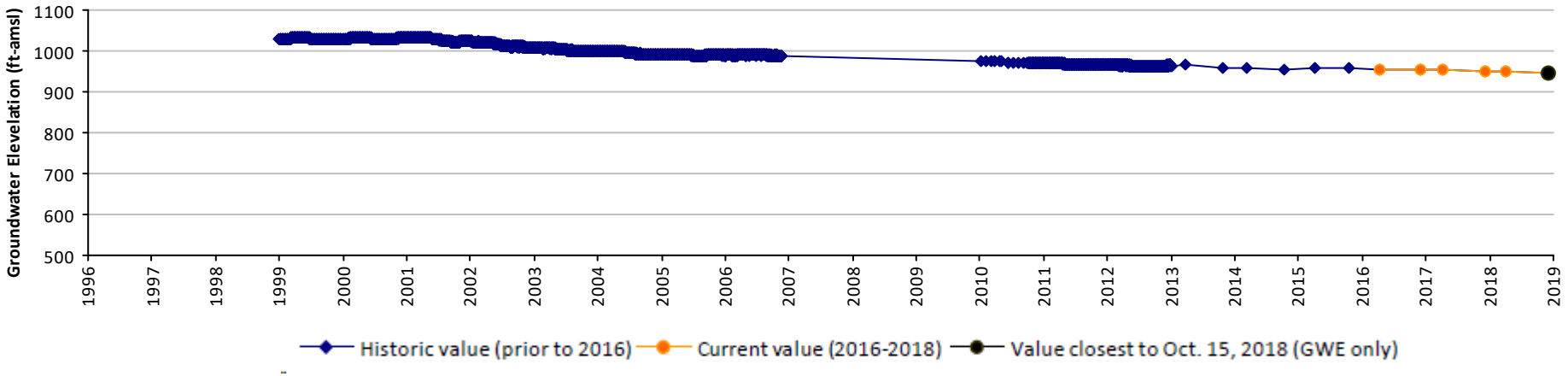

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

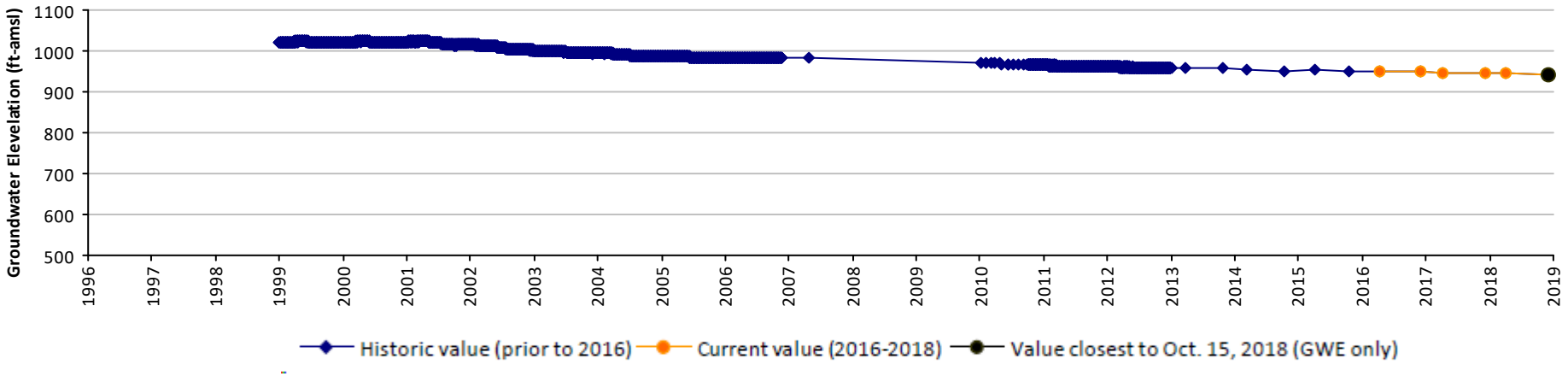
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

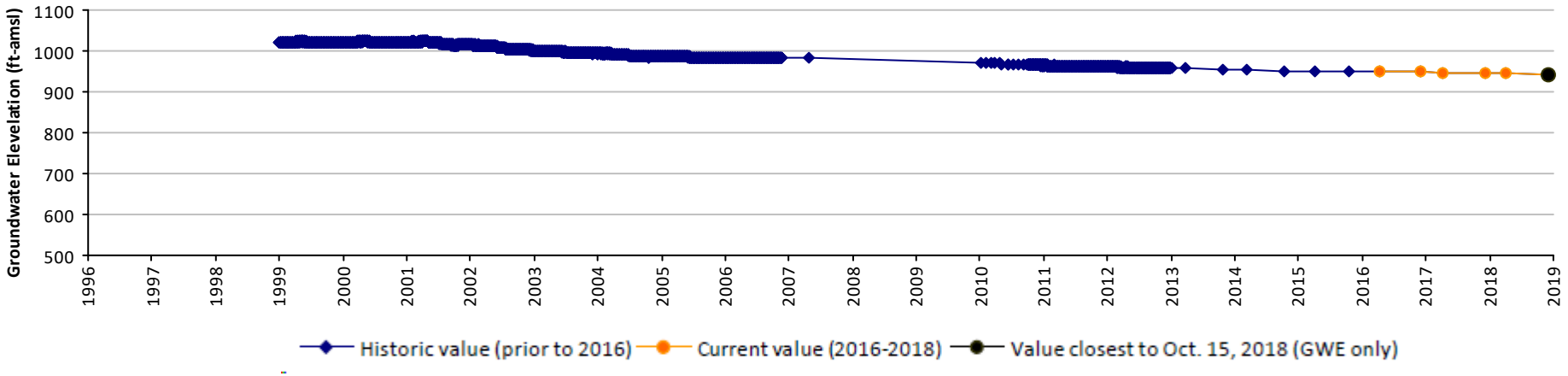
Groundwater Elevation (GWE)

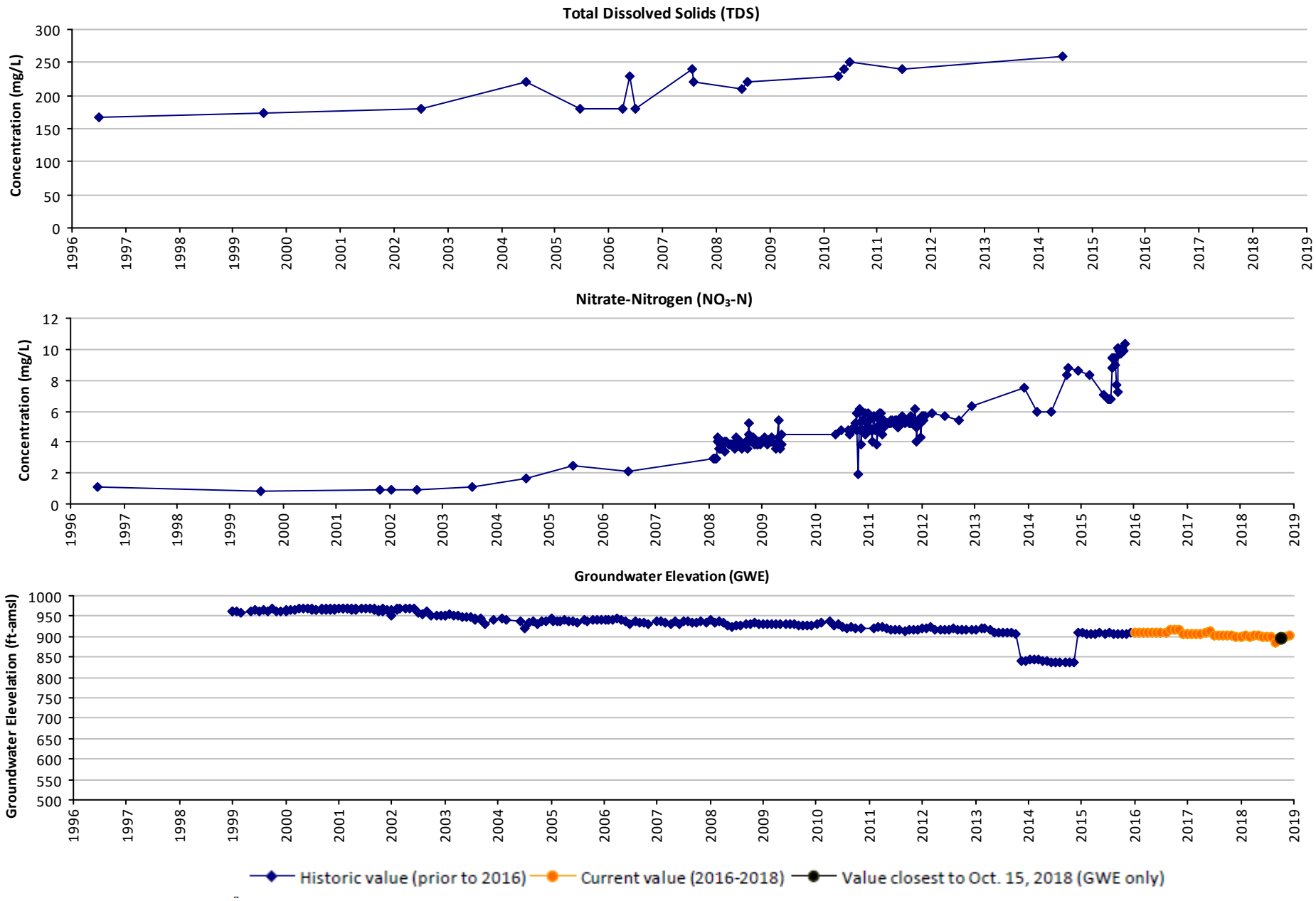


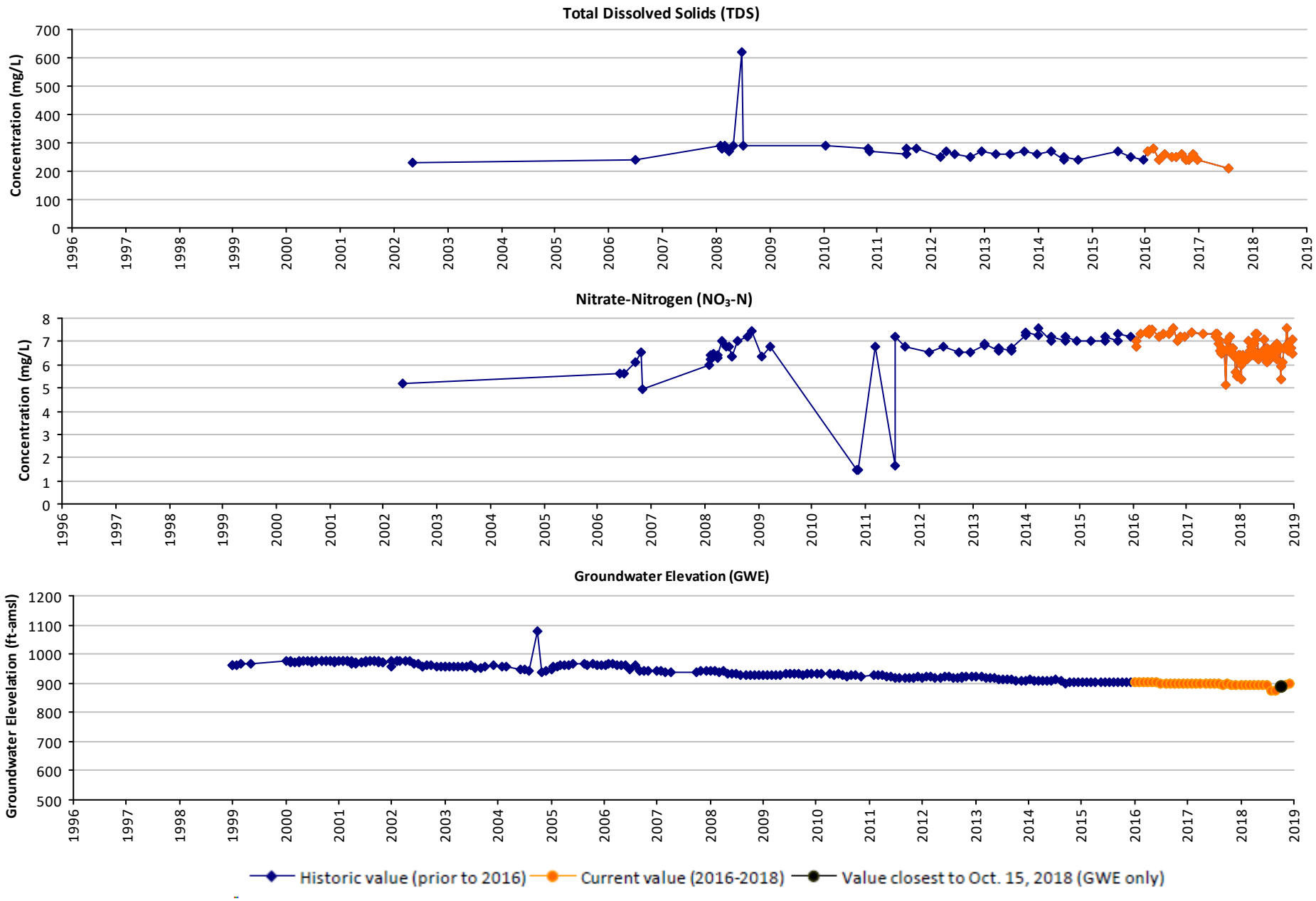
Total Dissolved Solids (TDS)

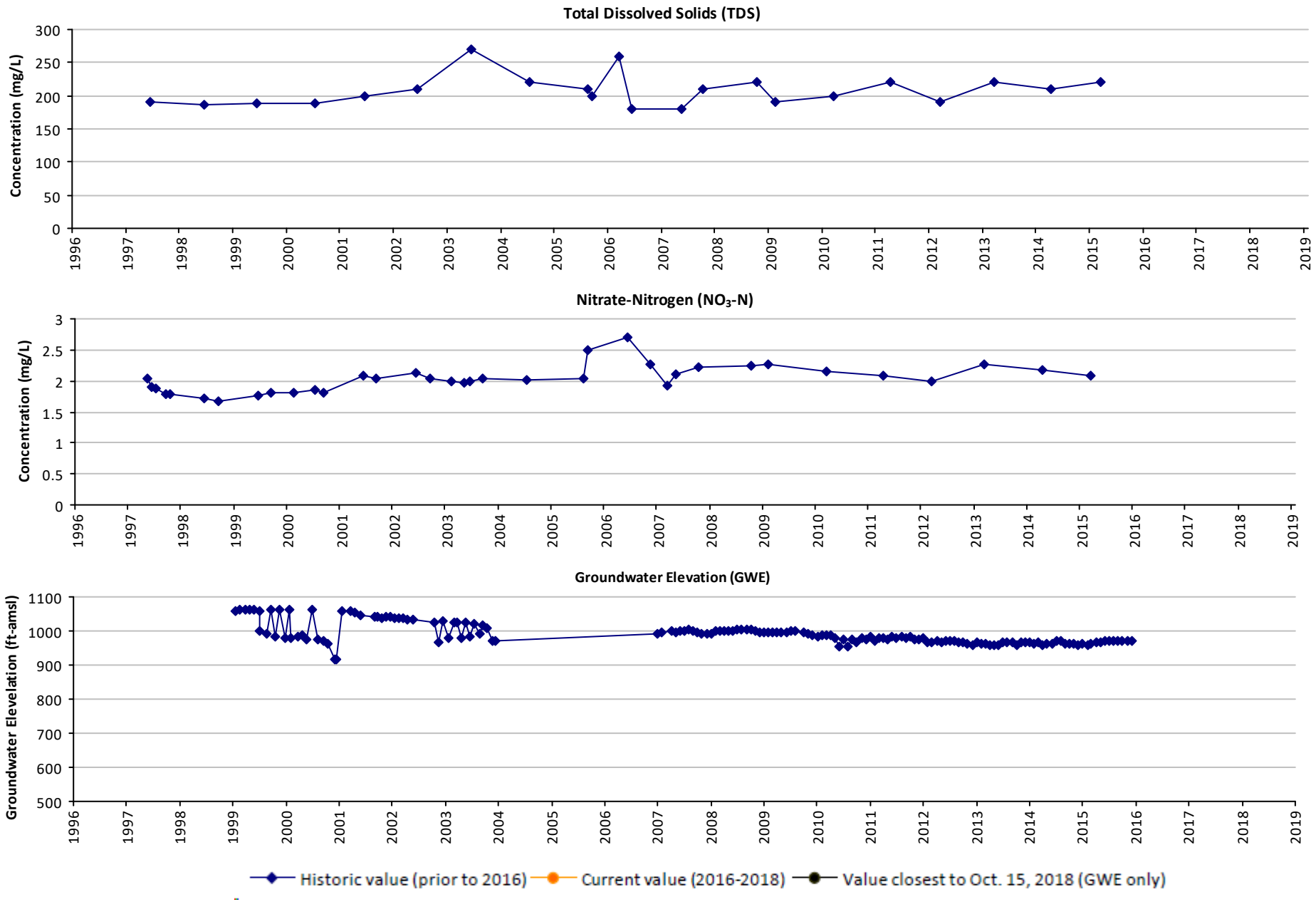
Nitrate-Nitrogen (NO_3-N)

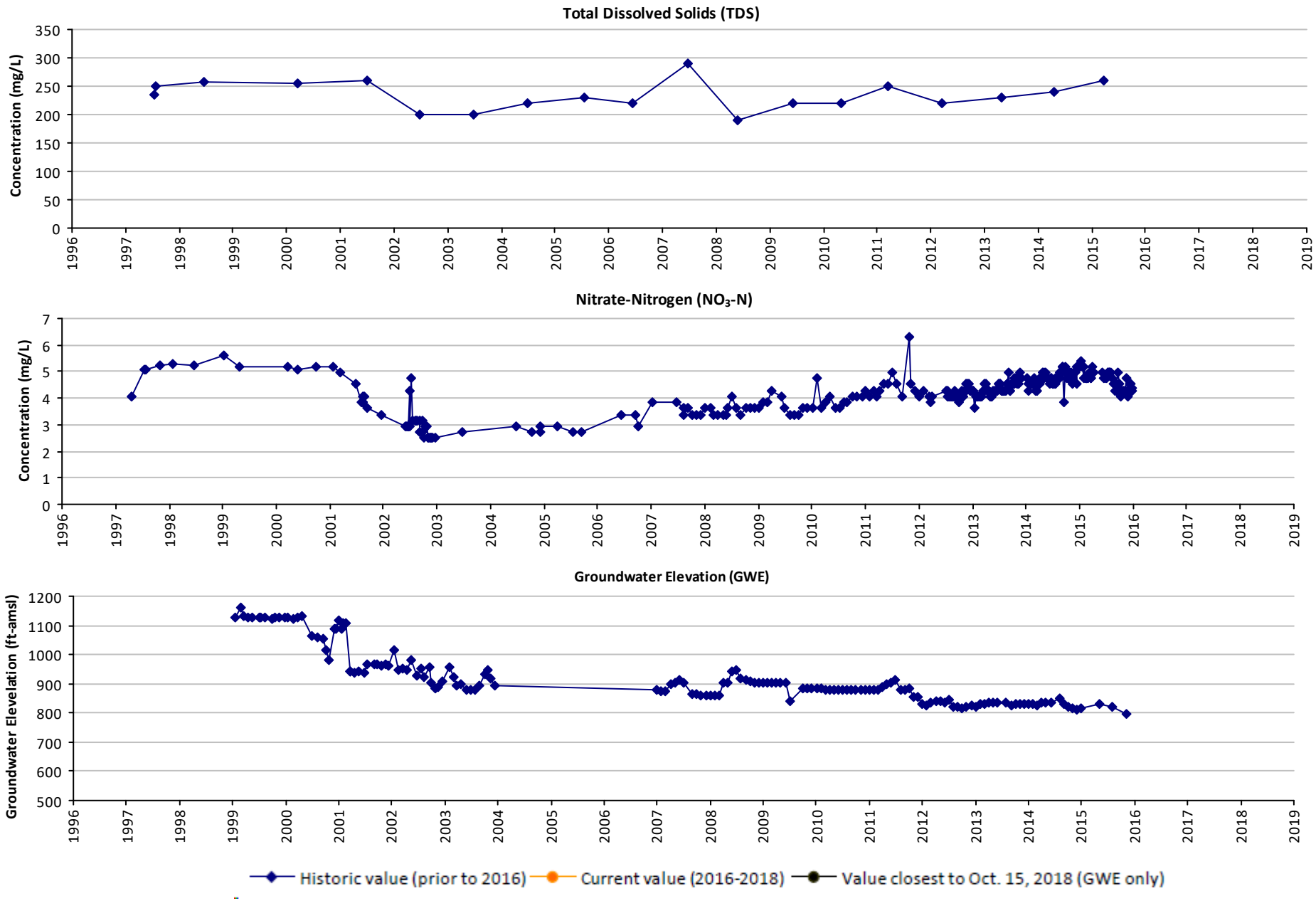
Groundwater Elevation (GWE)

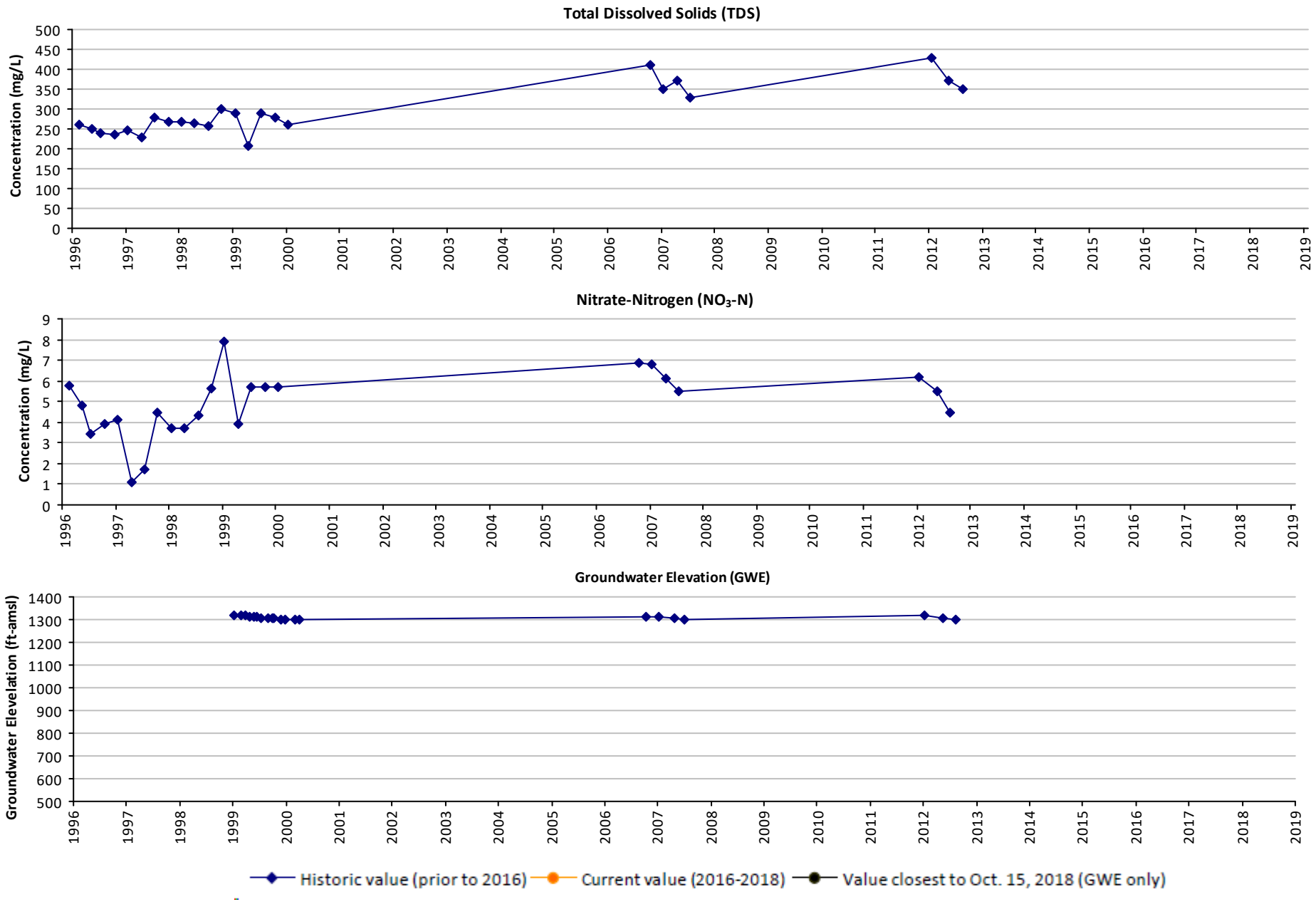


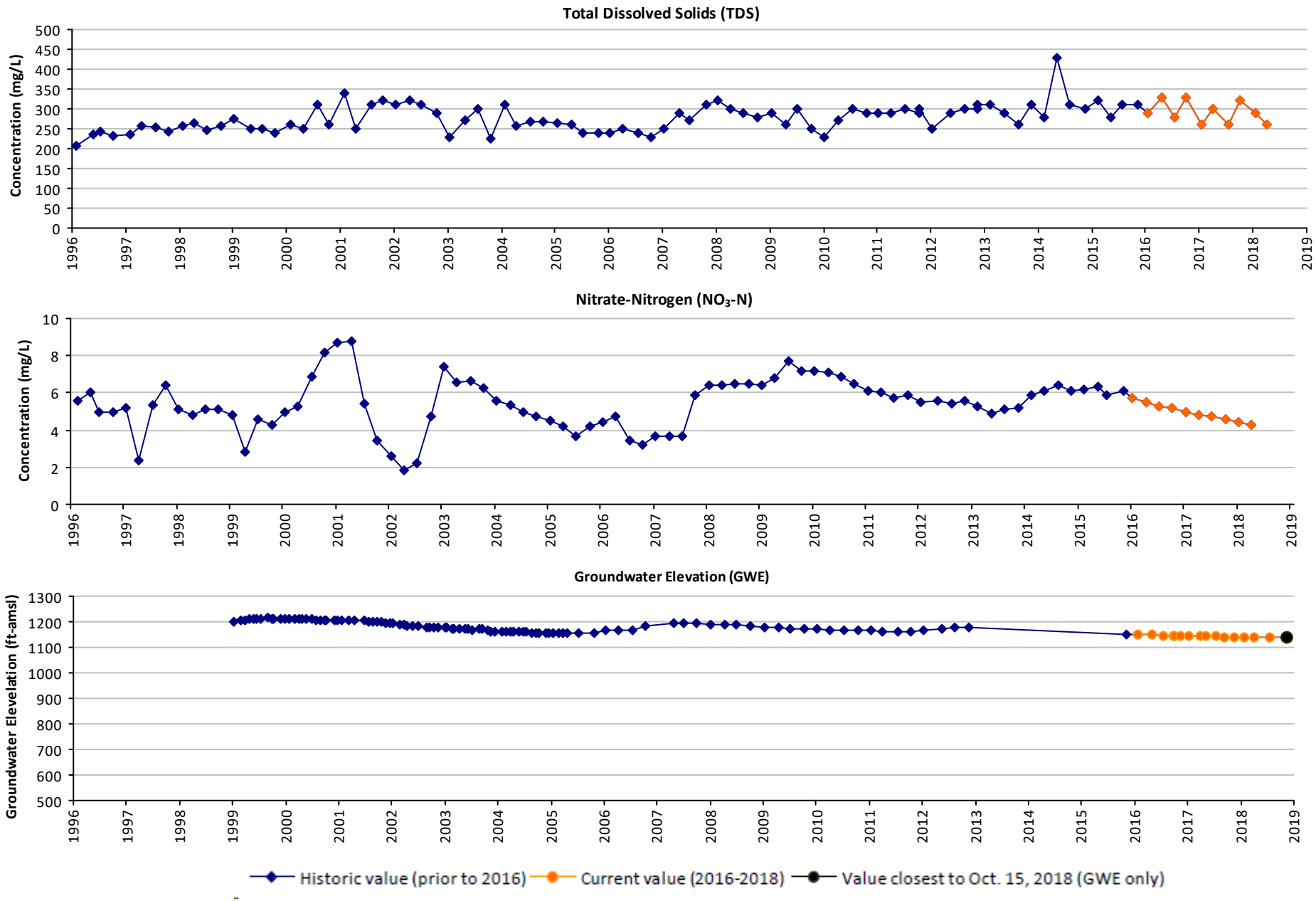

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

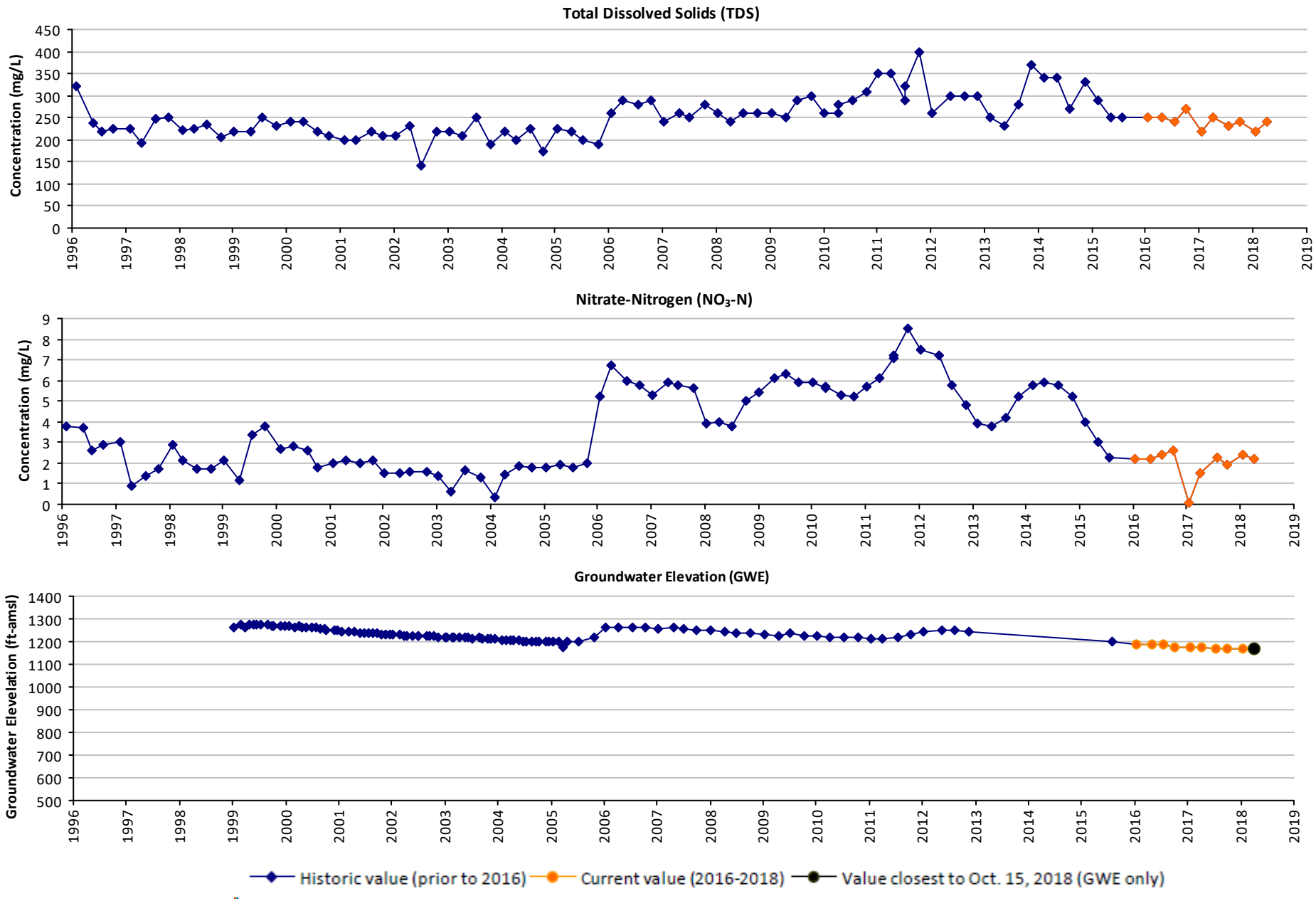

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

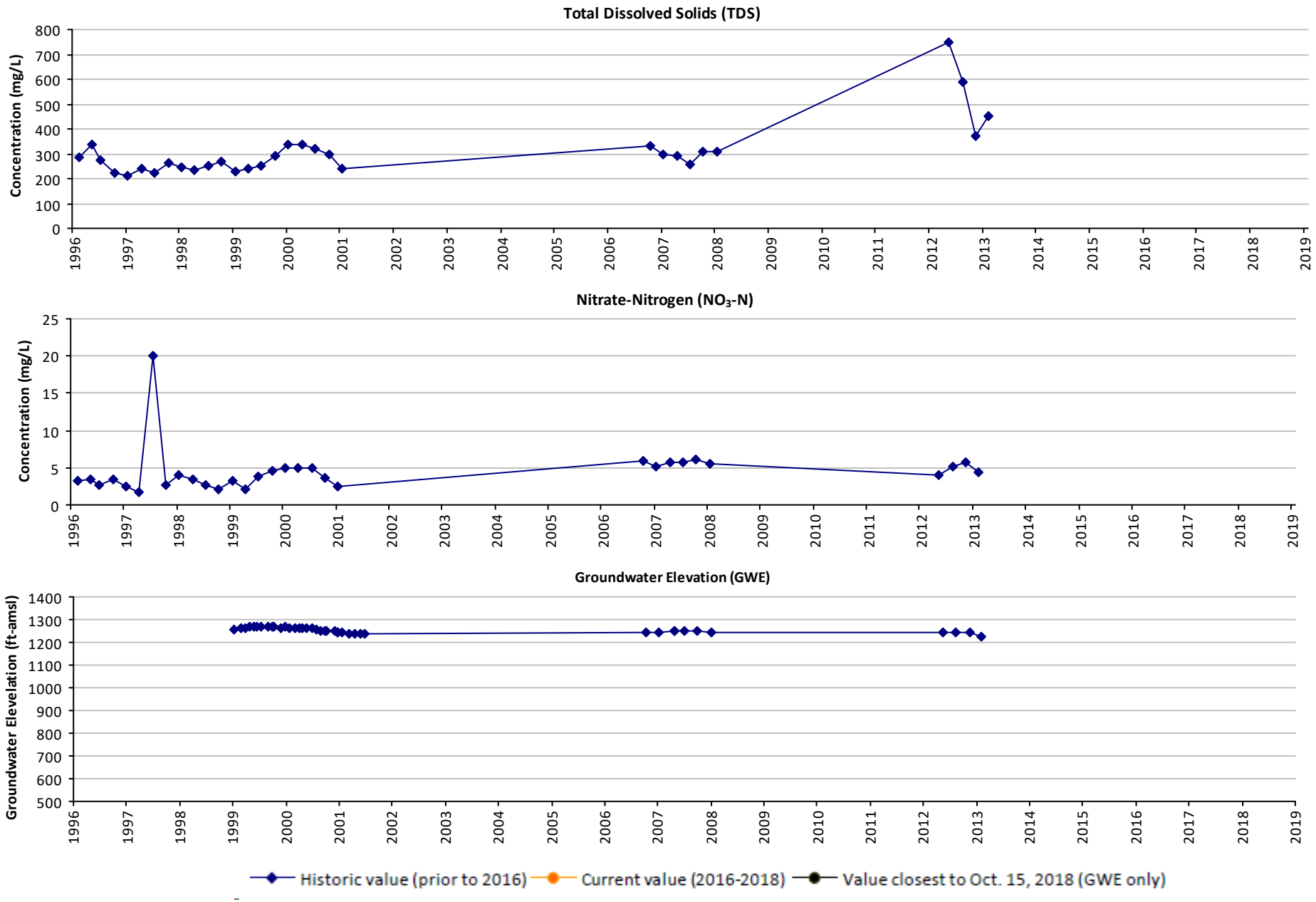

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

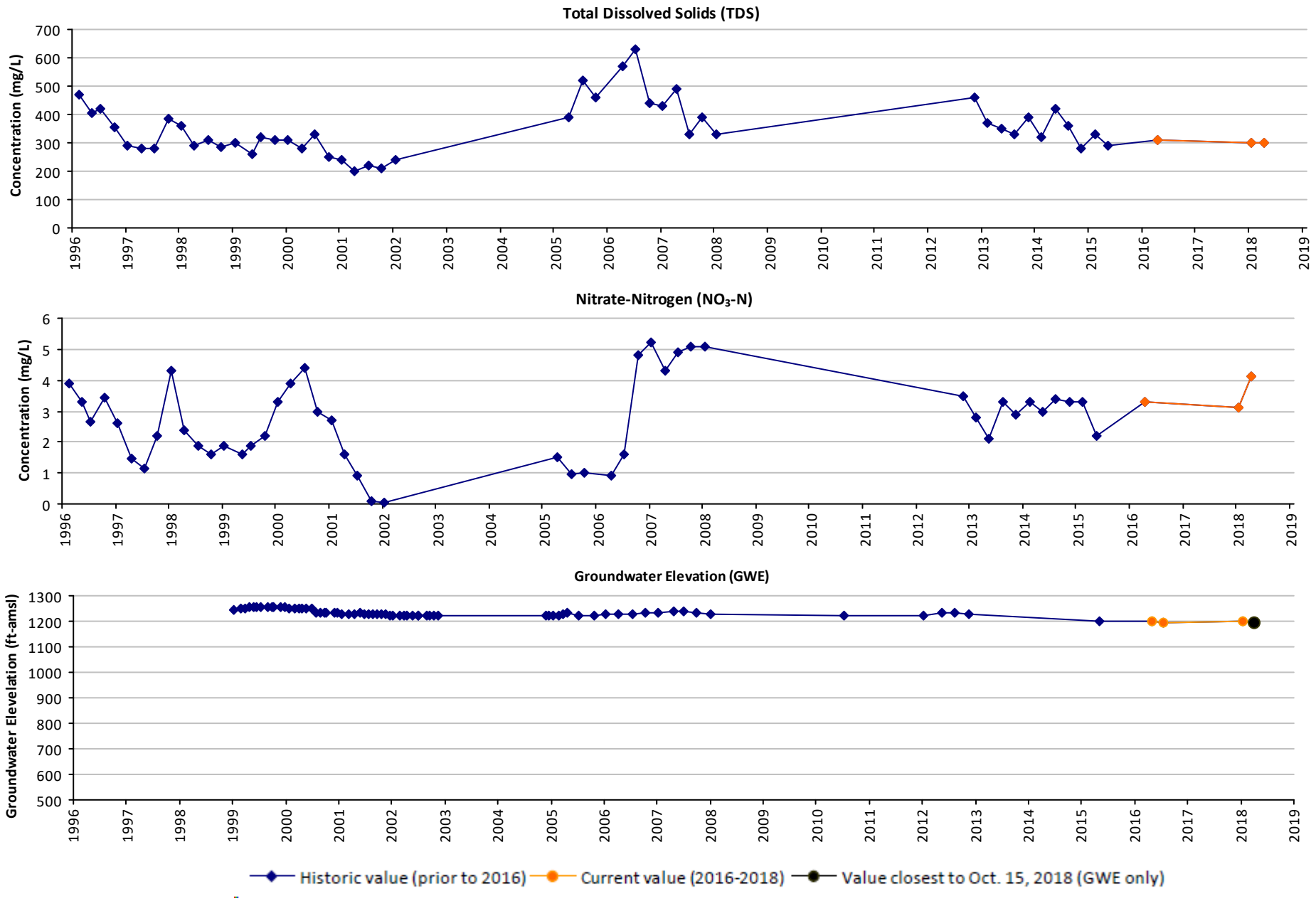

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

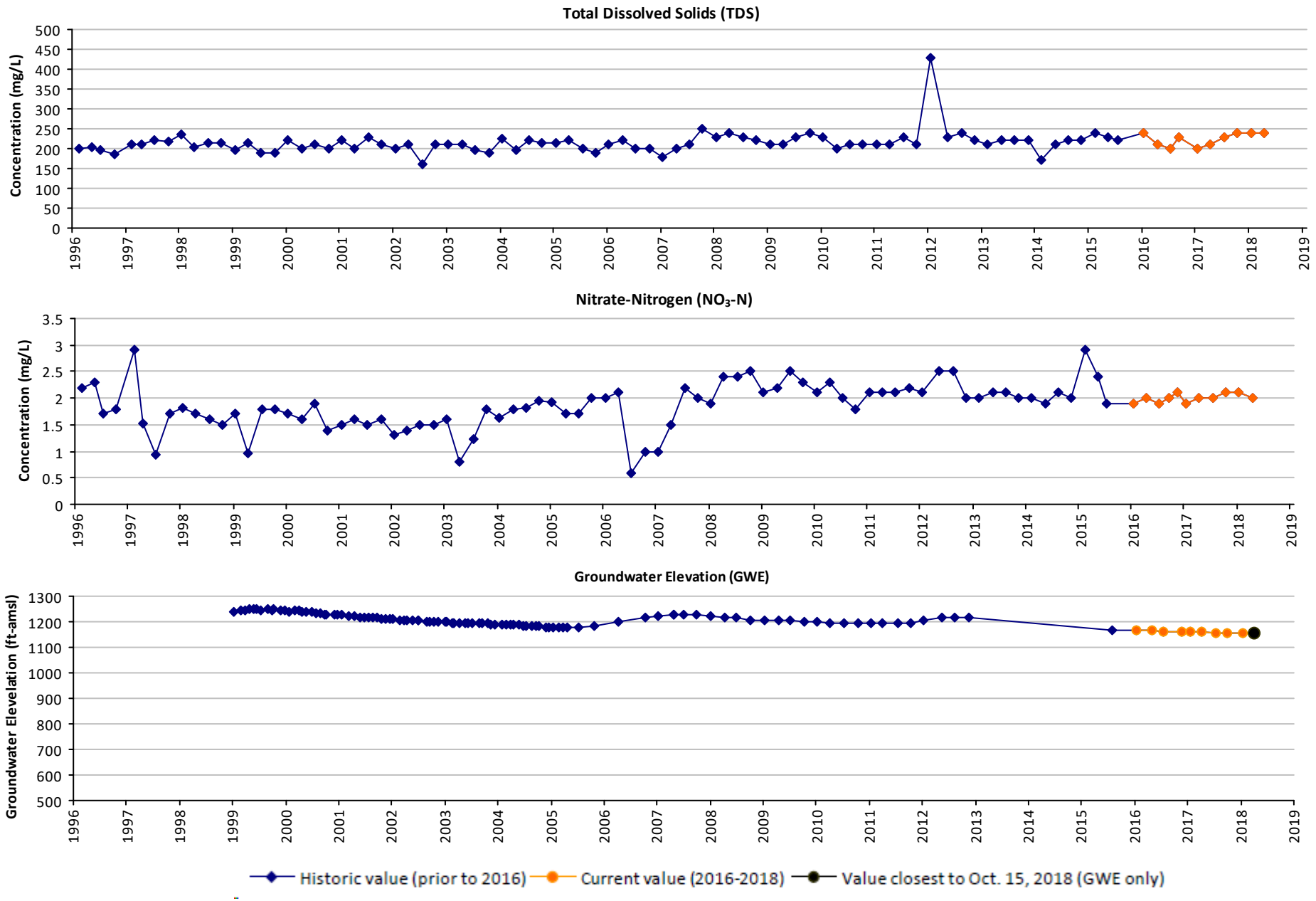

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

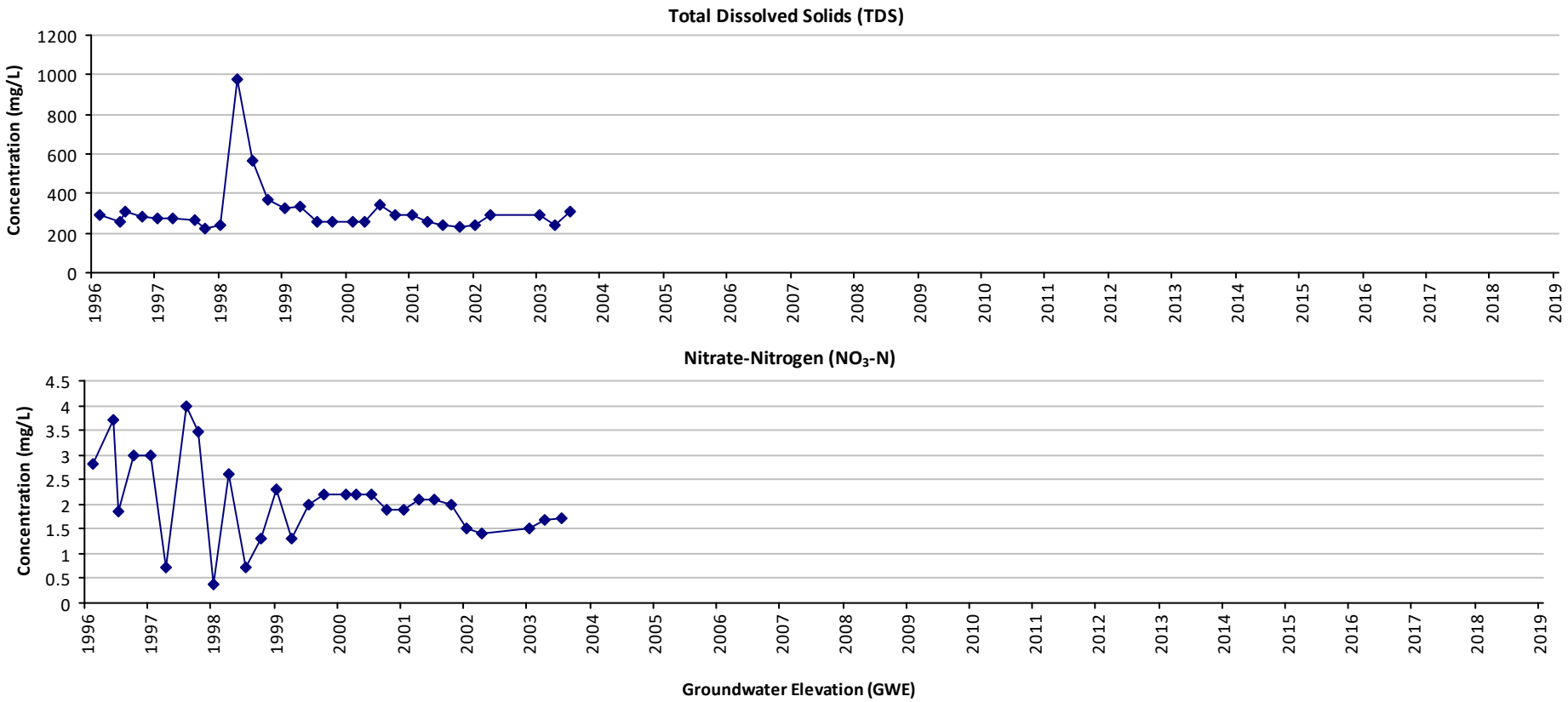

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

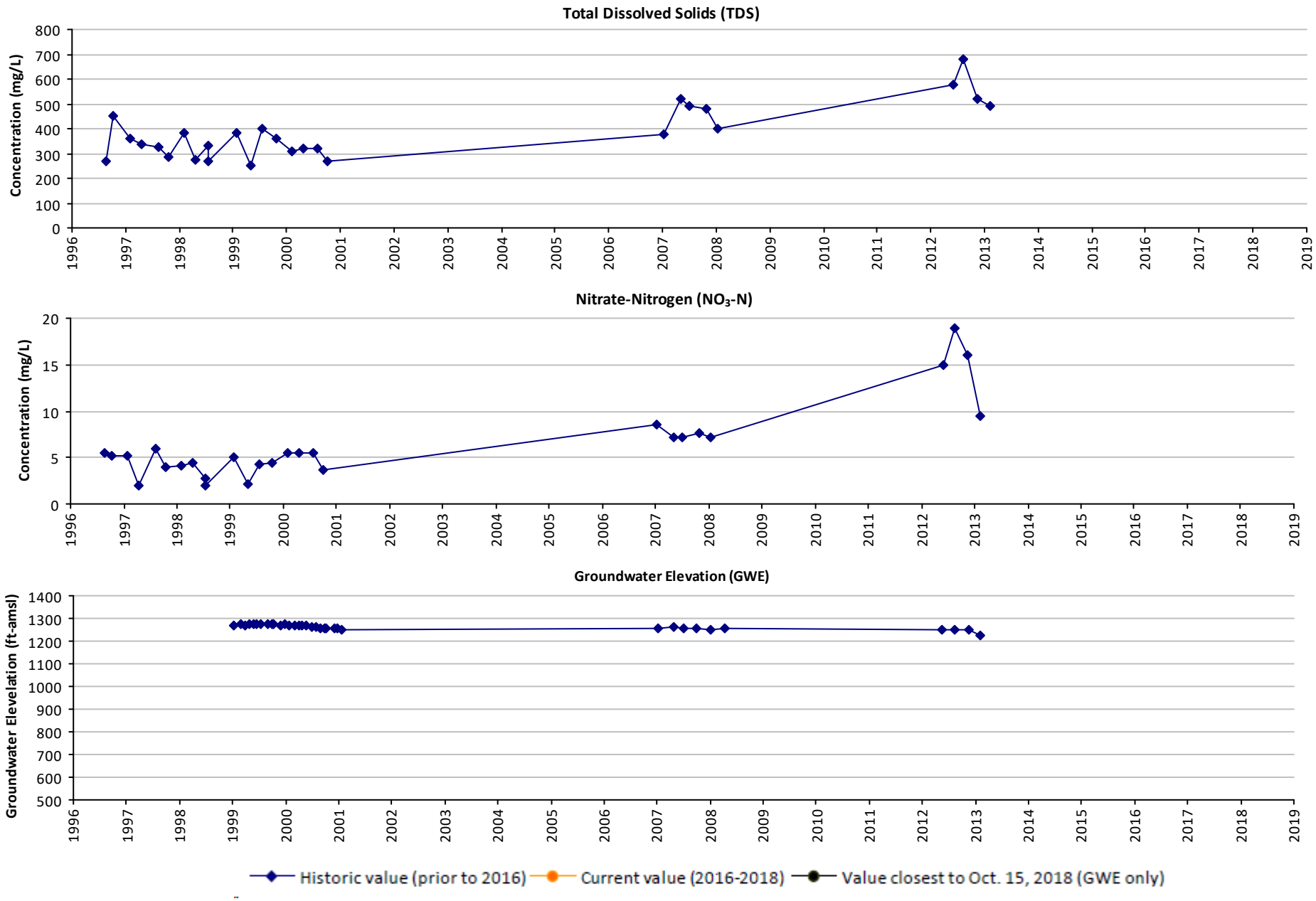

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

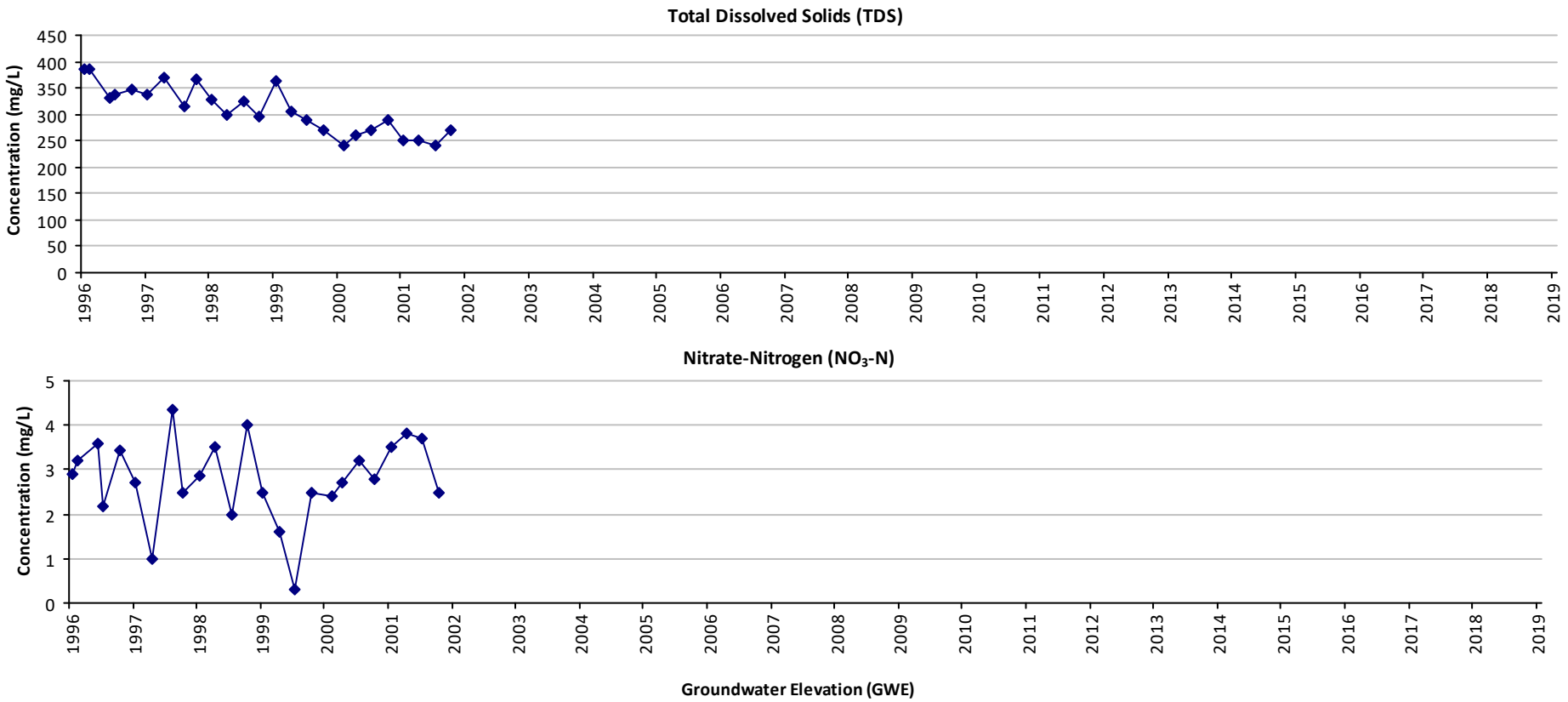

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

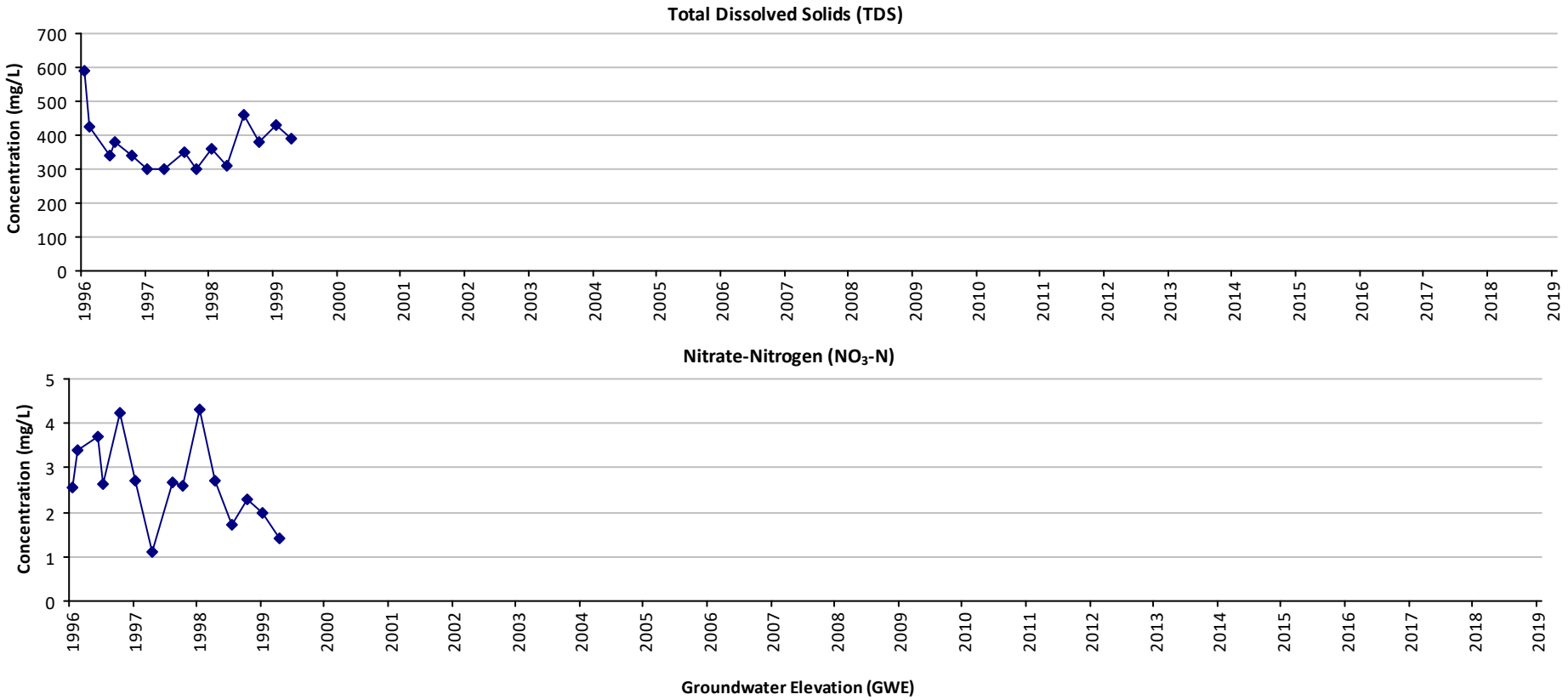

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

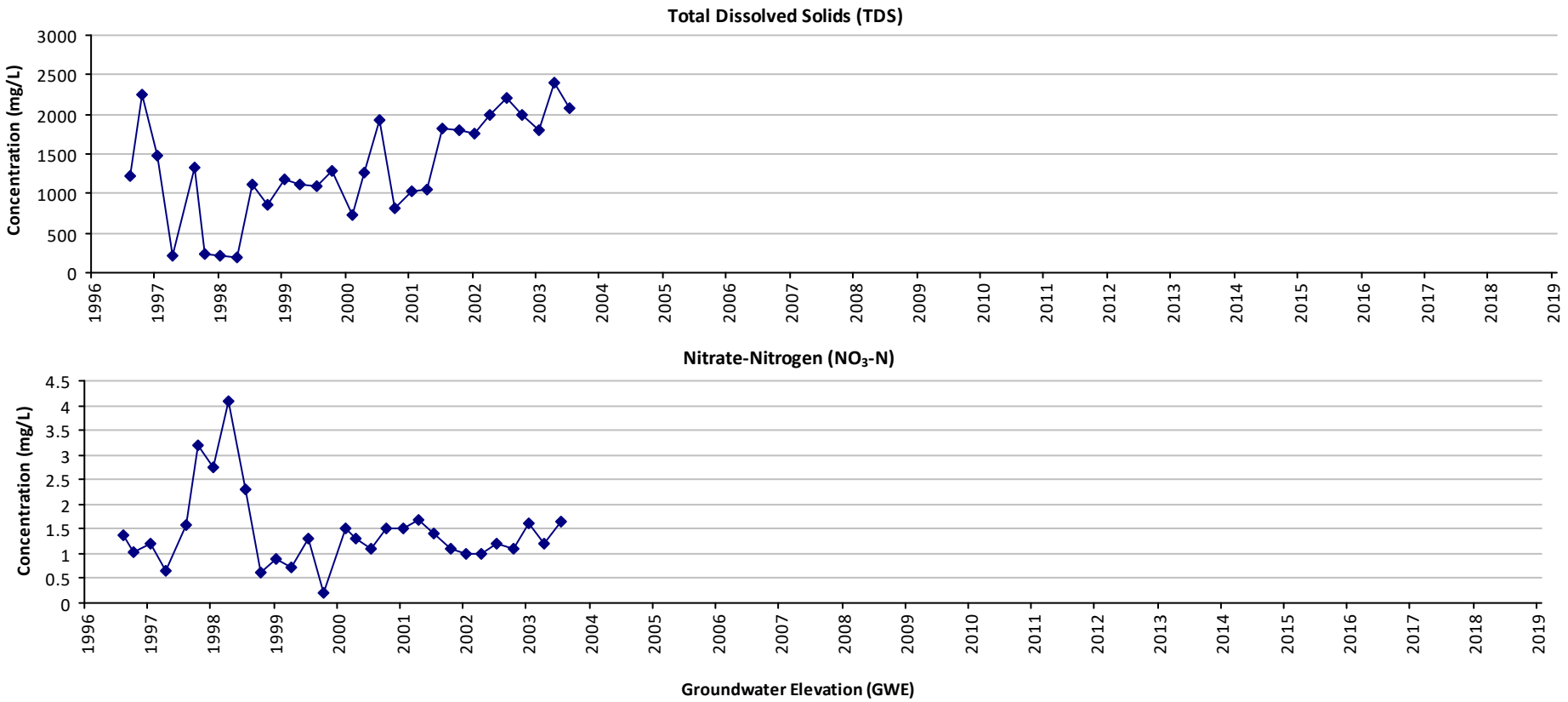

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

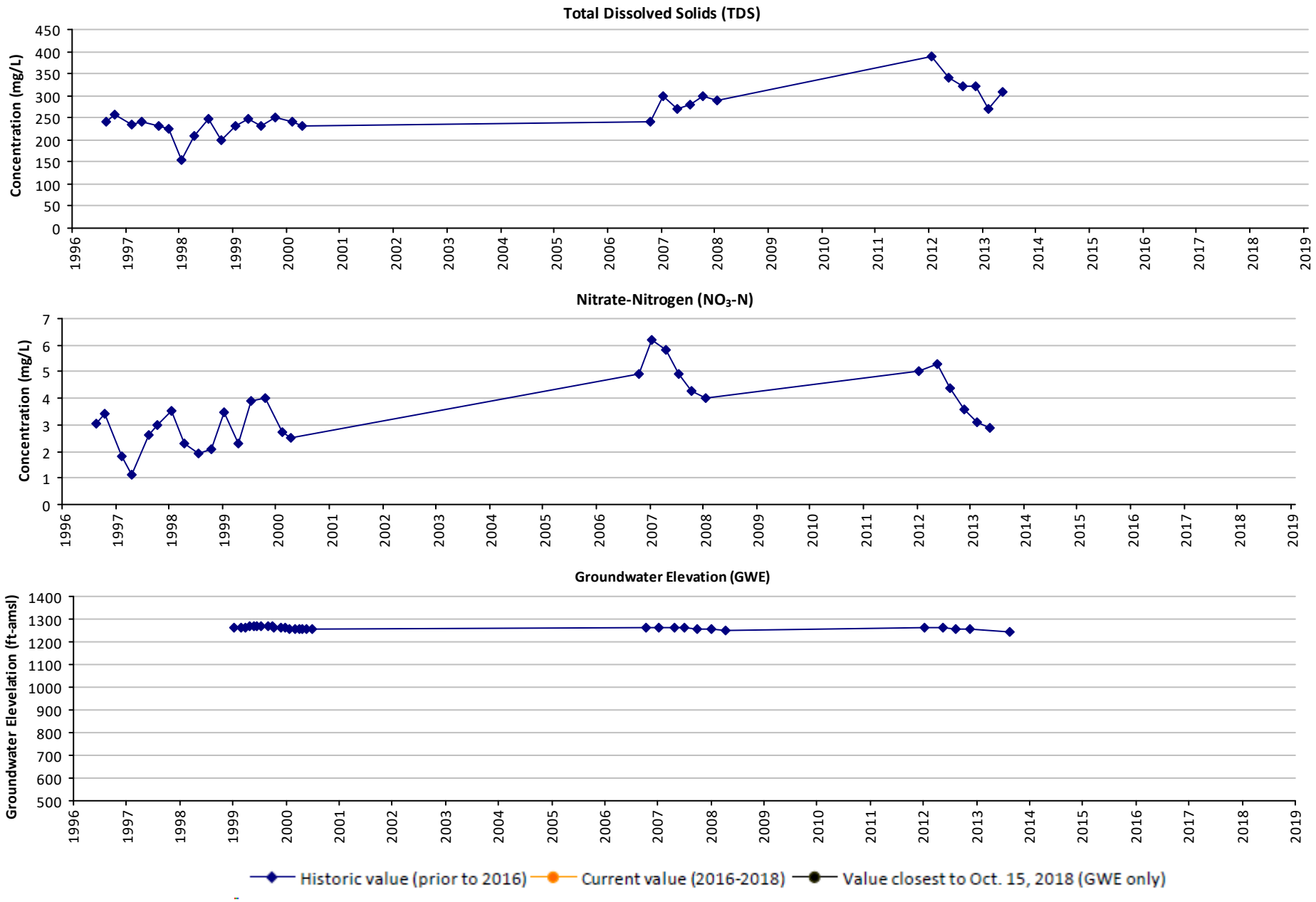

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

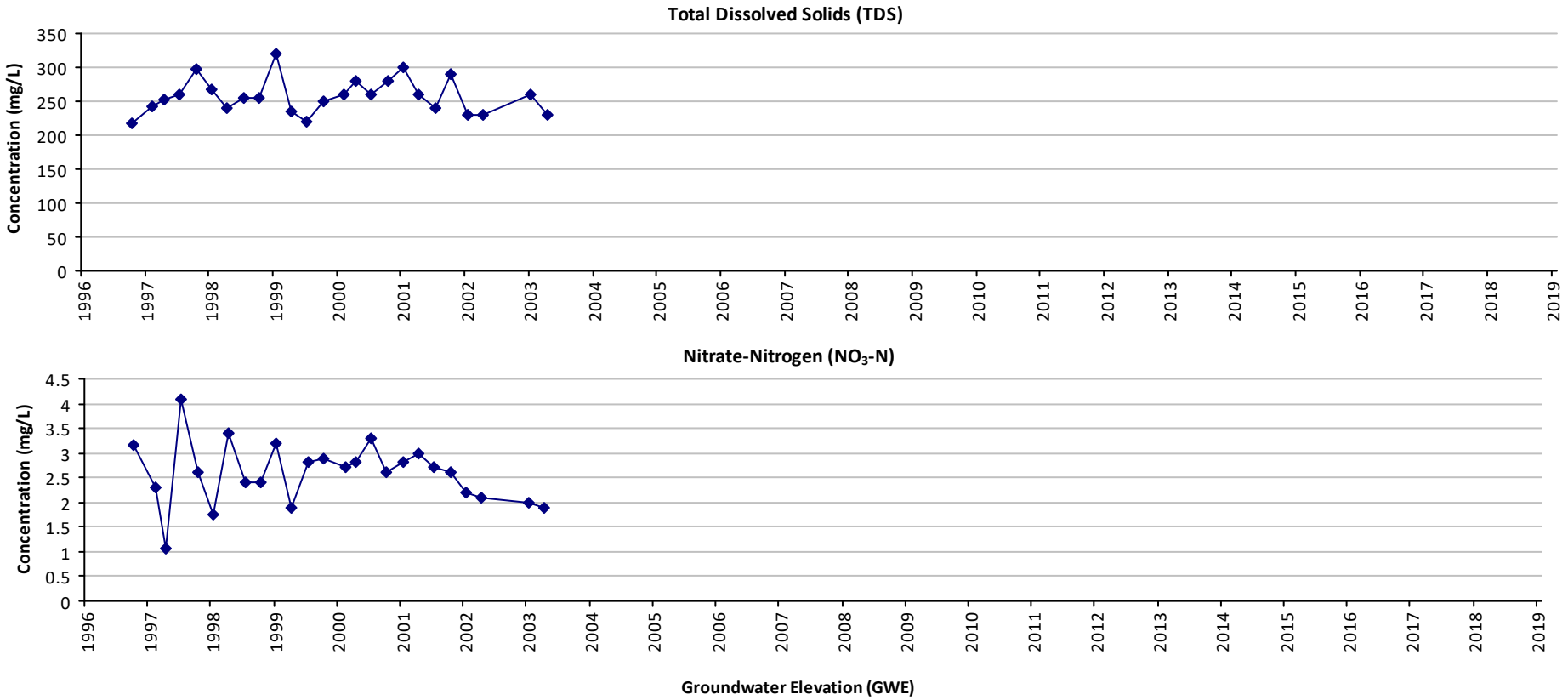


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

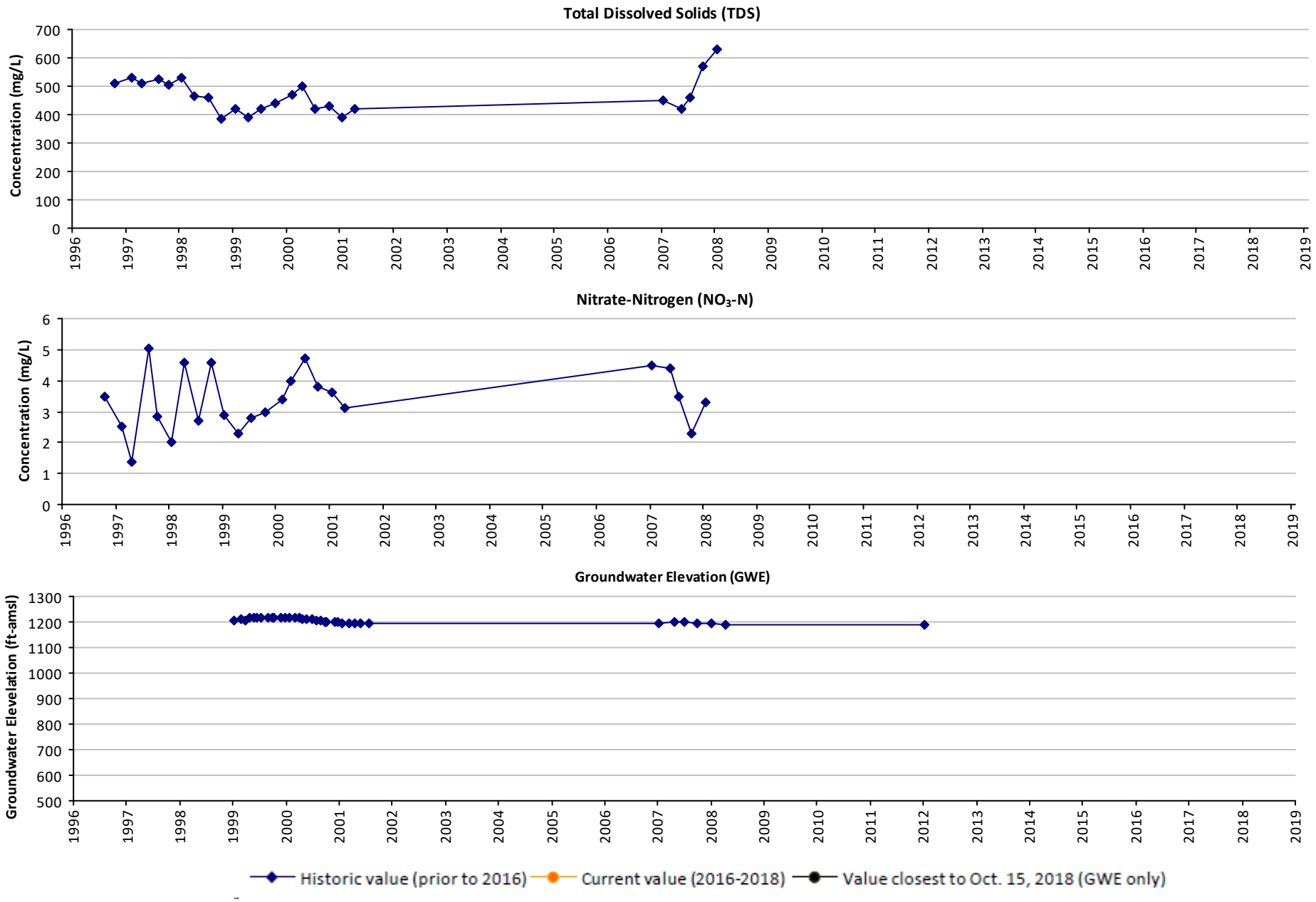

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

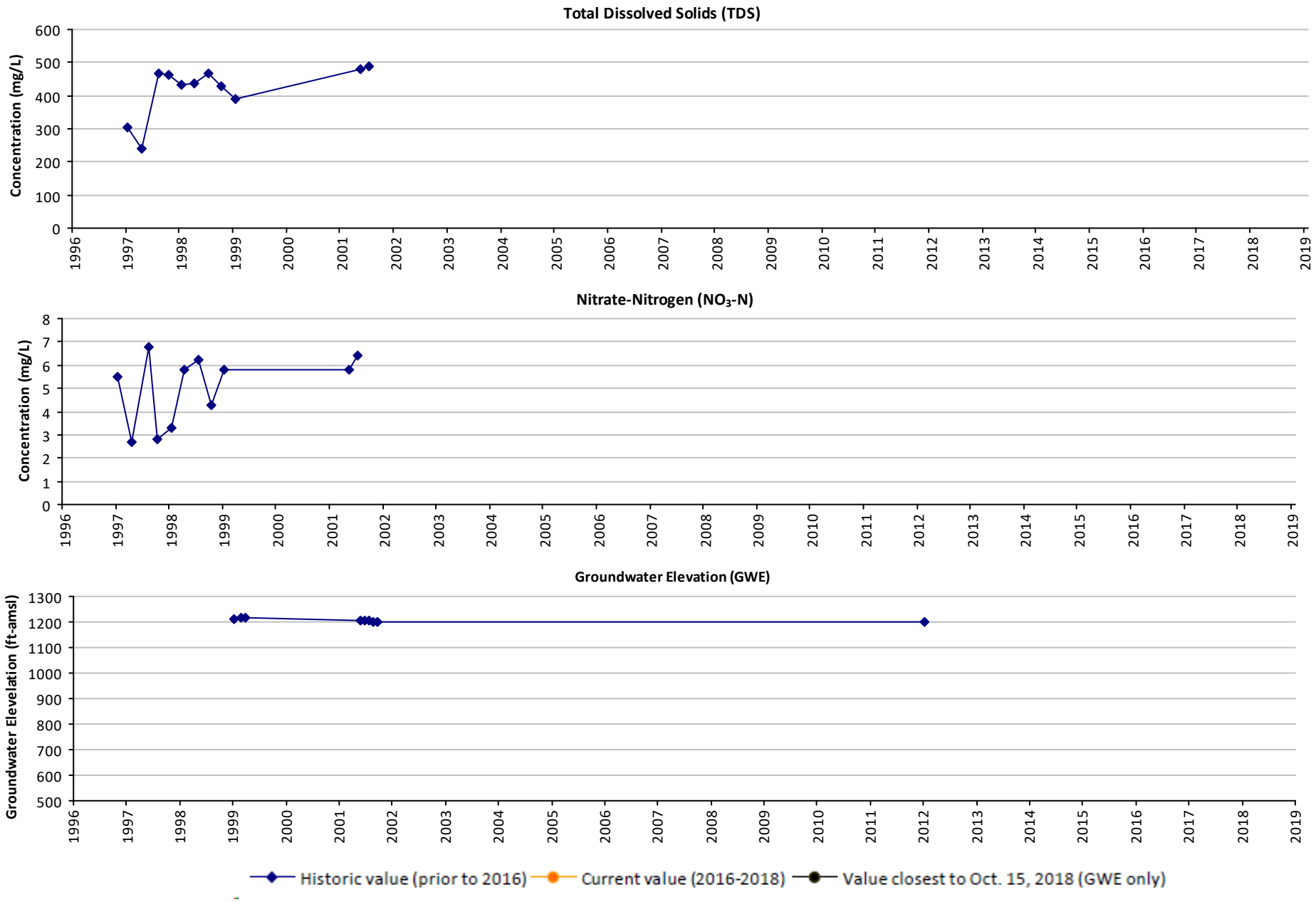

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

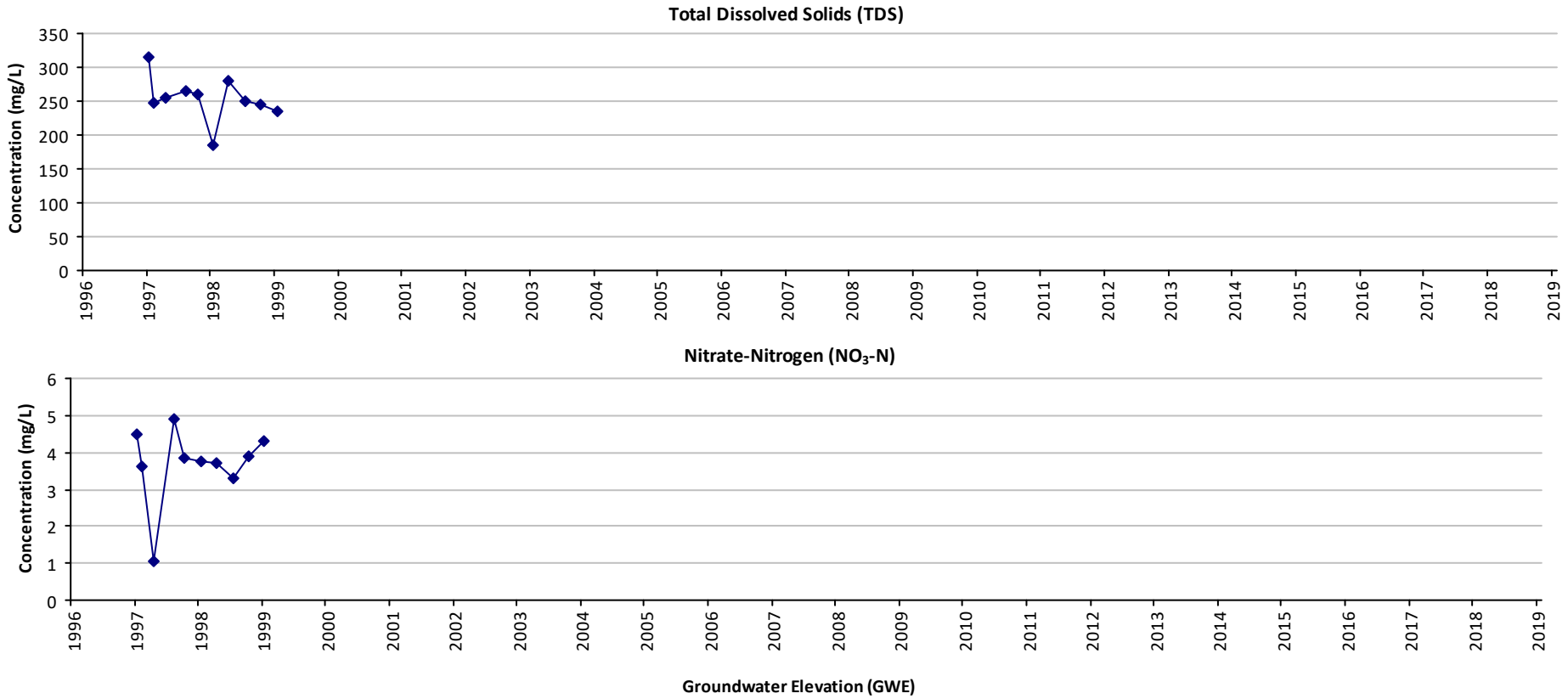

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
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2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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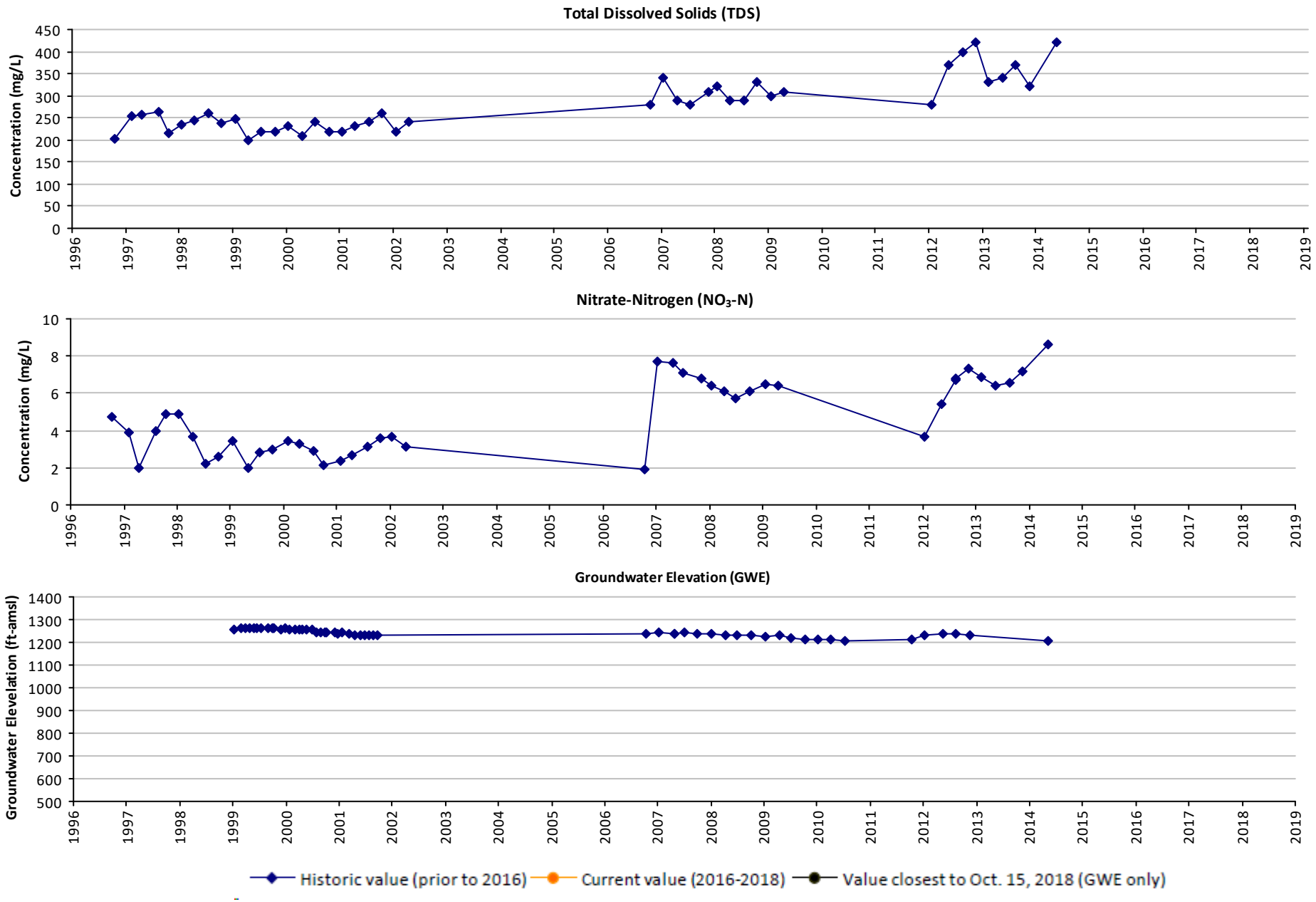
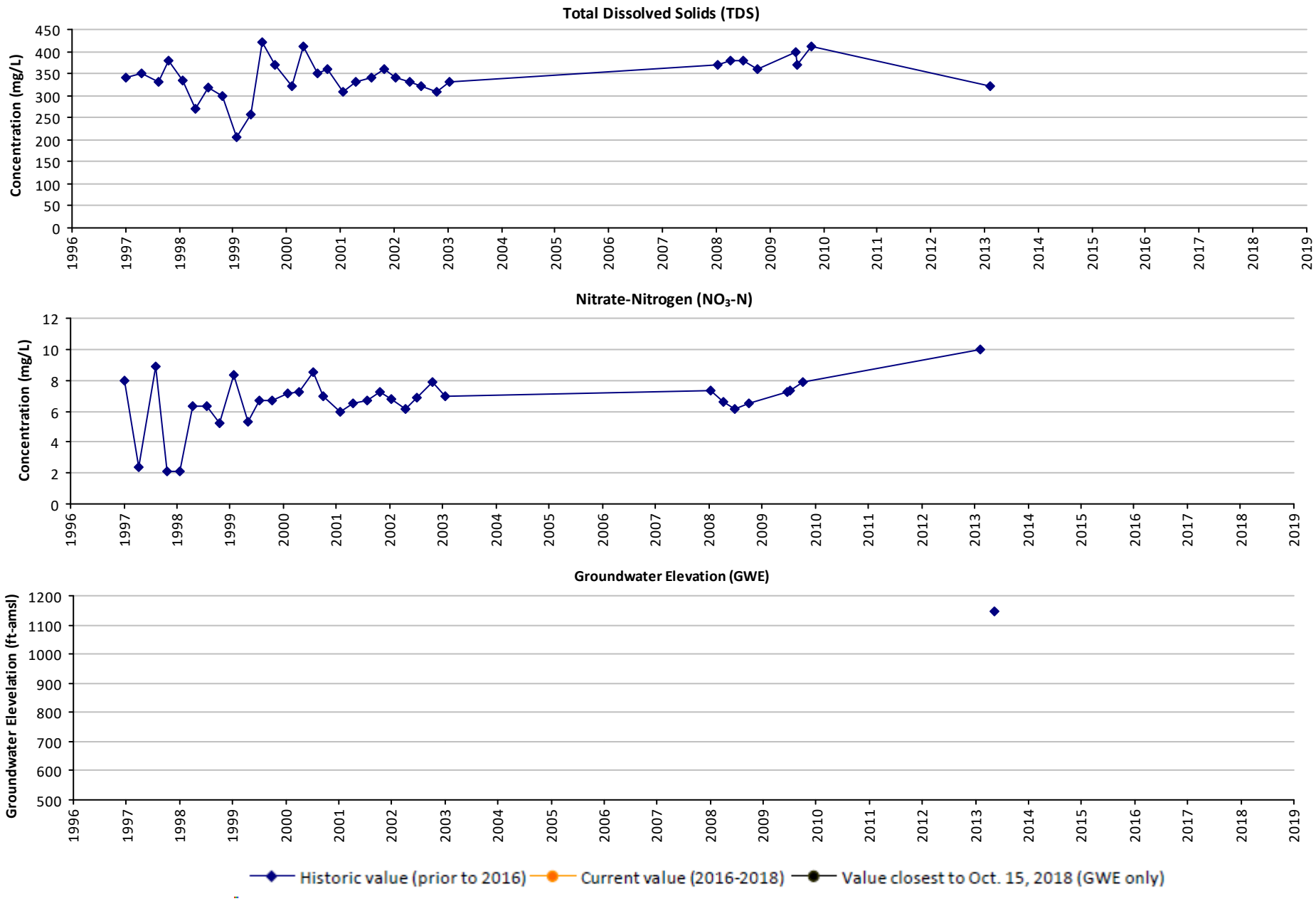
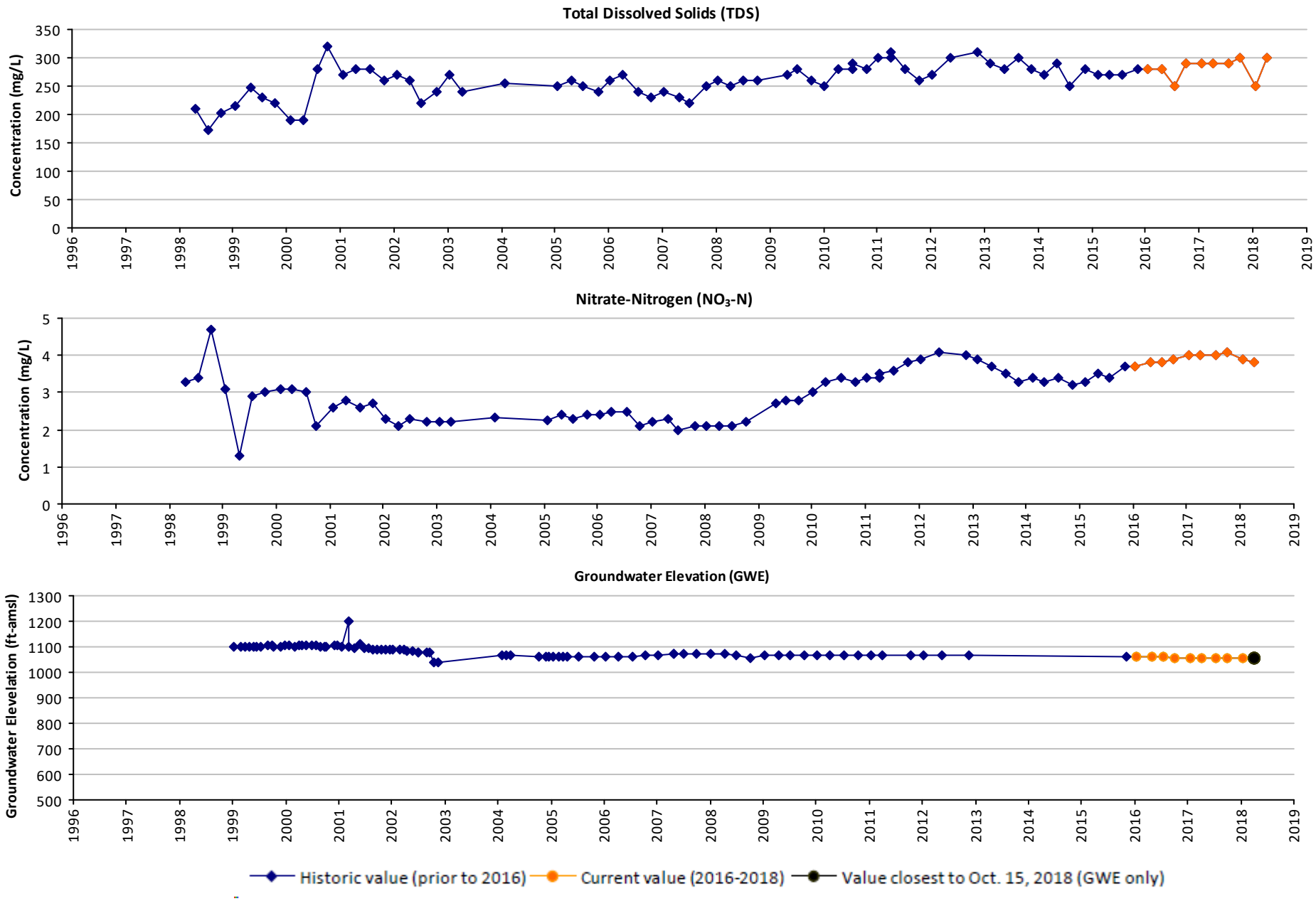
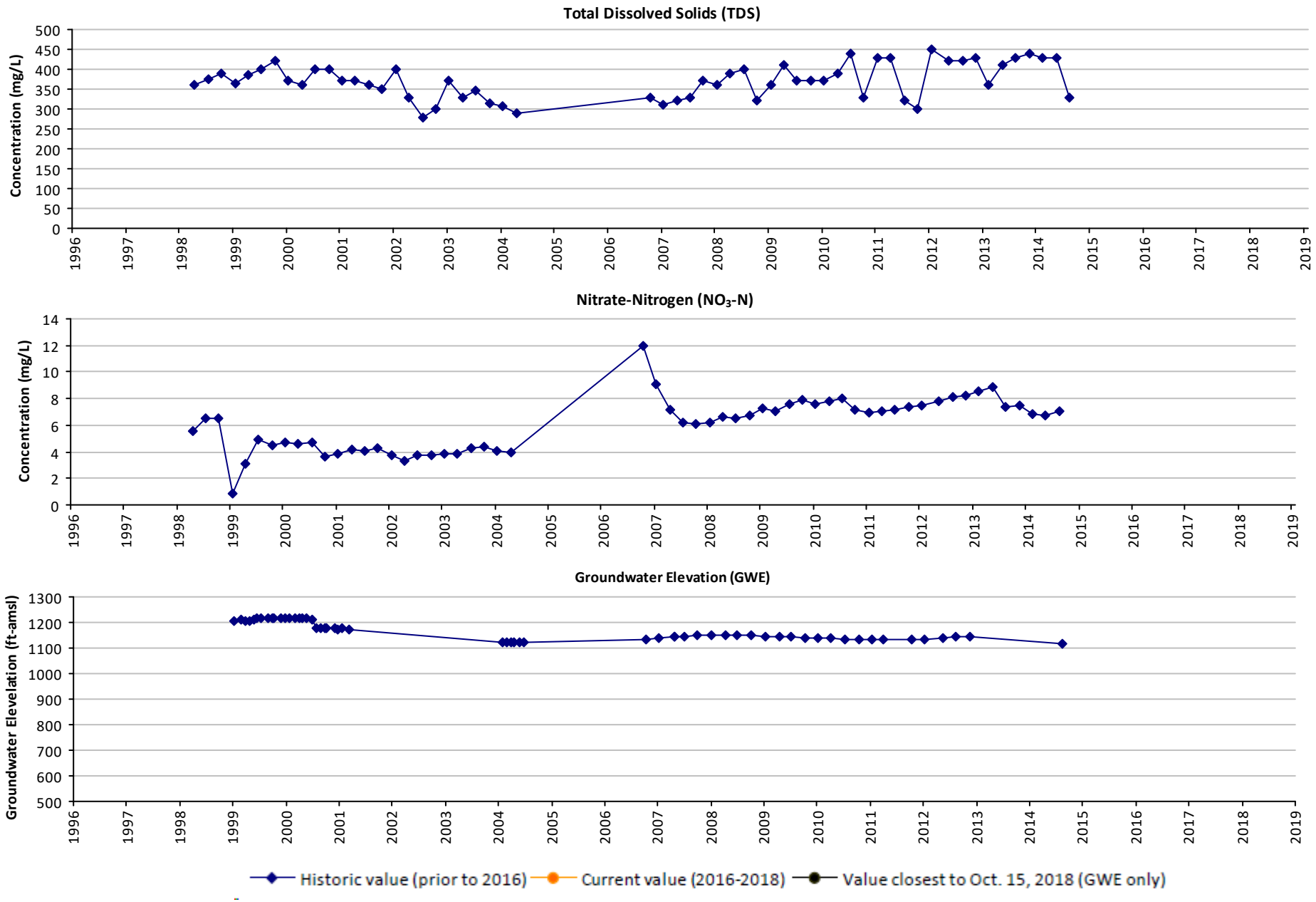
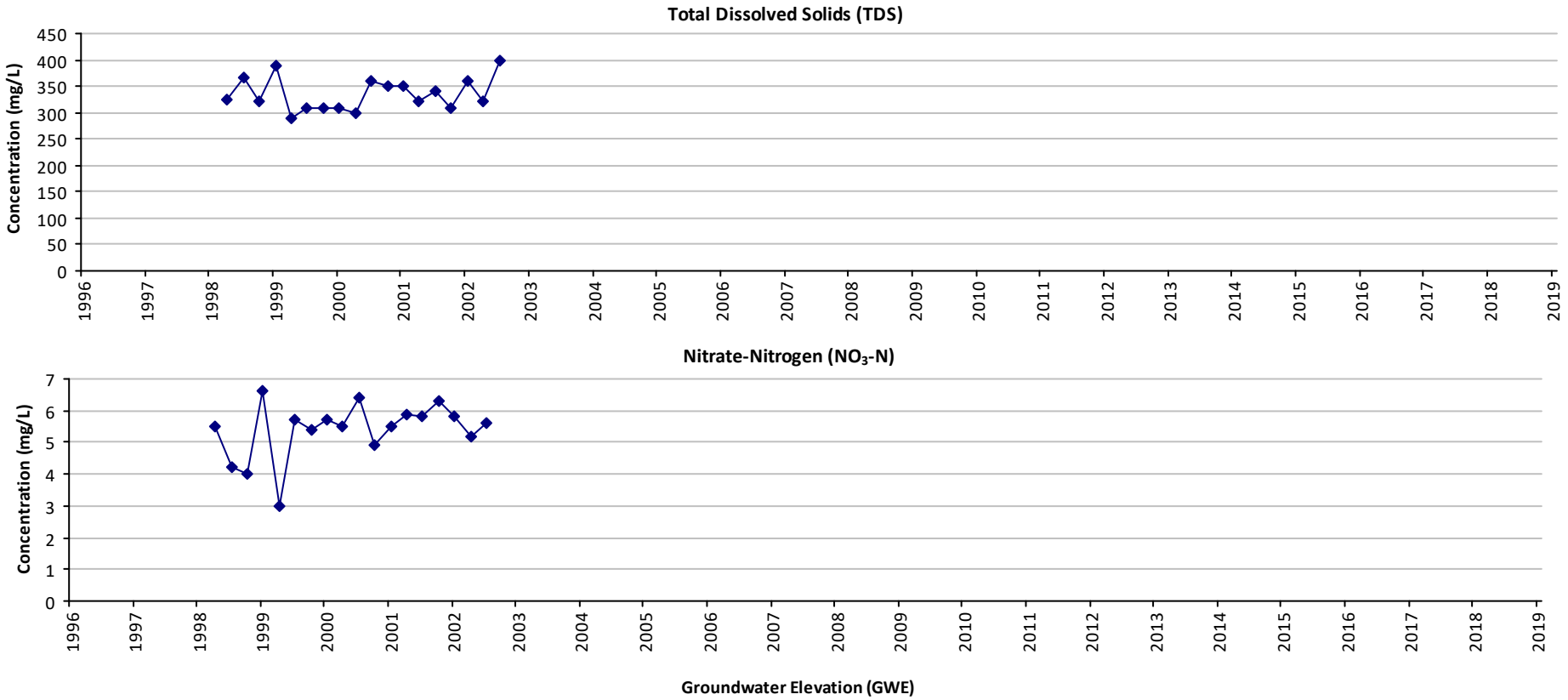
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
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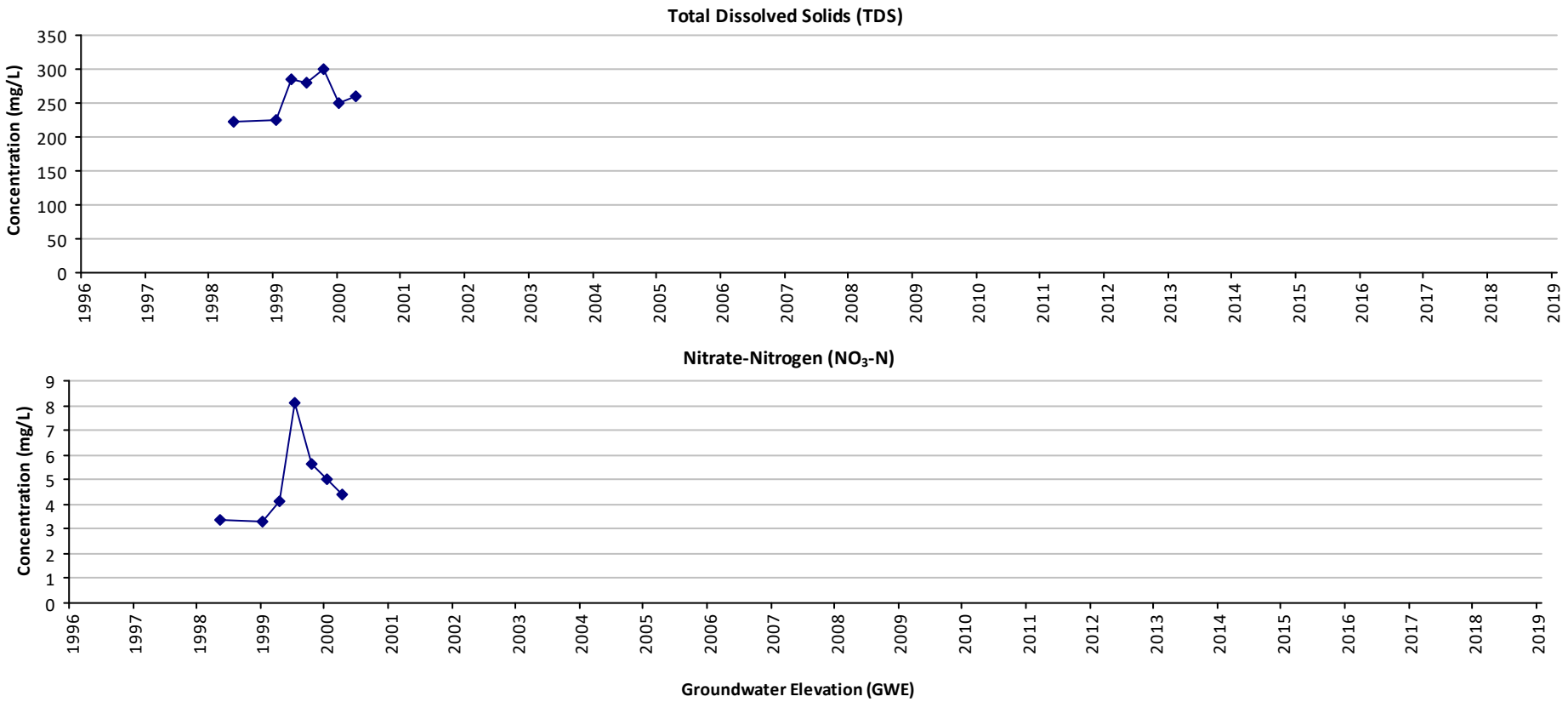
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
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2011
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2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
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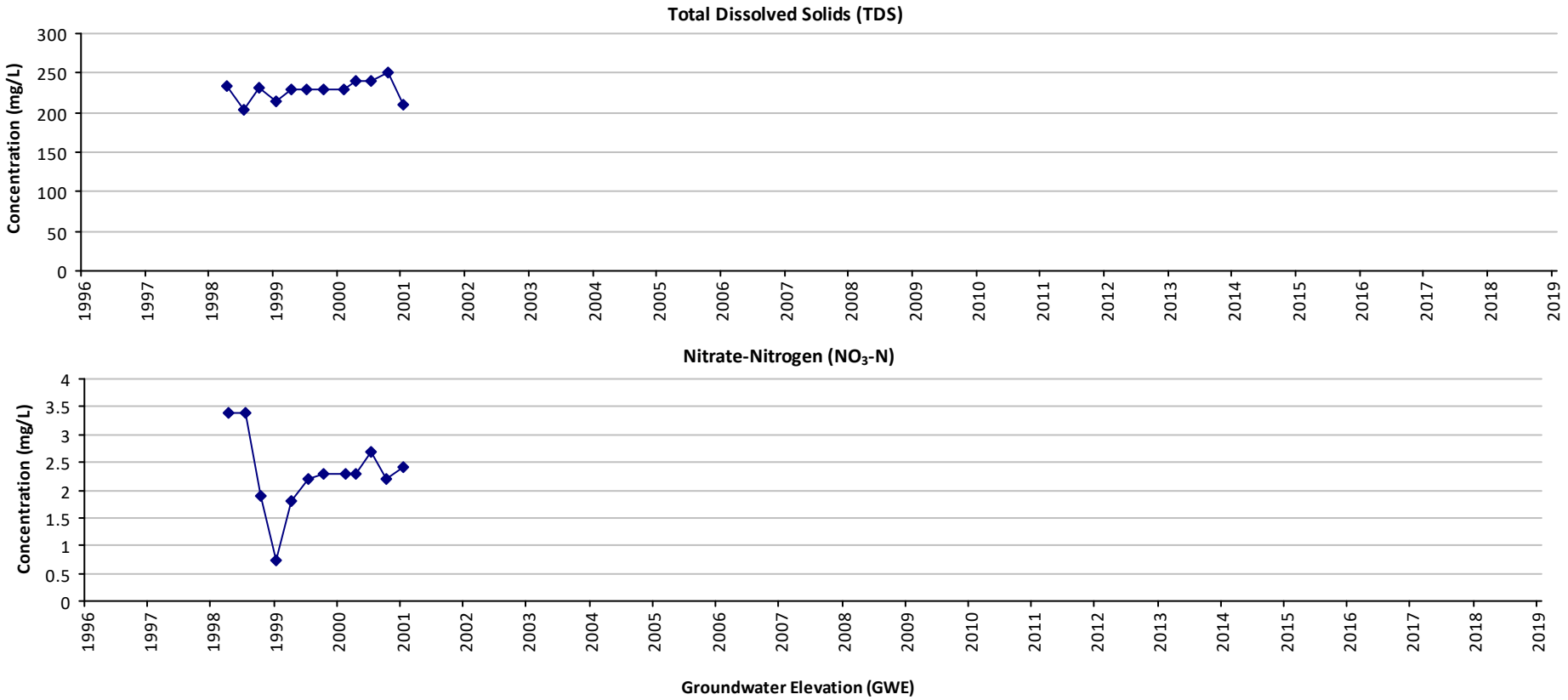
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
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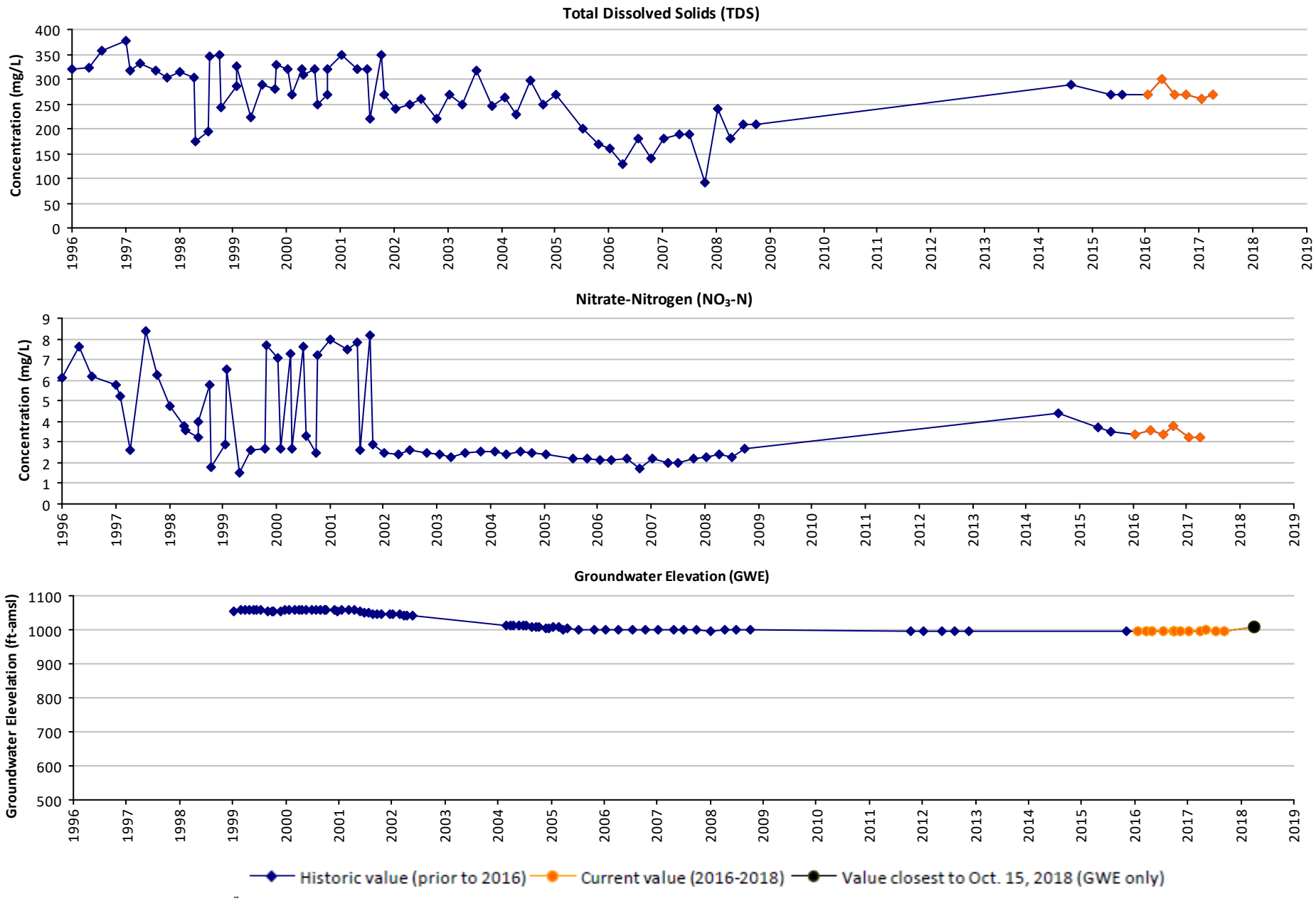
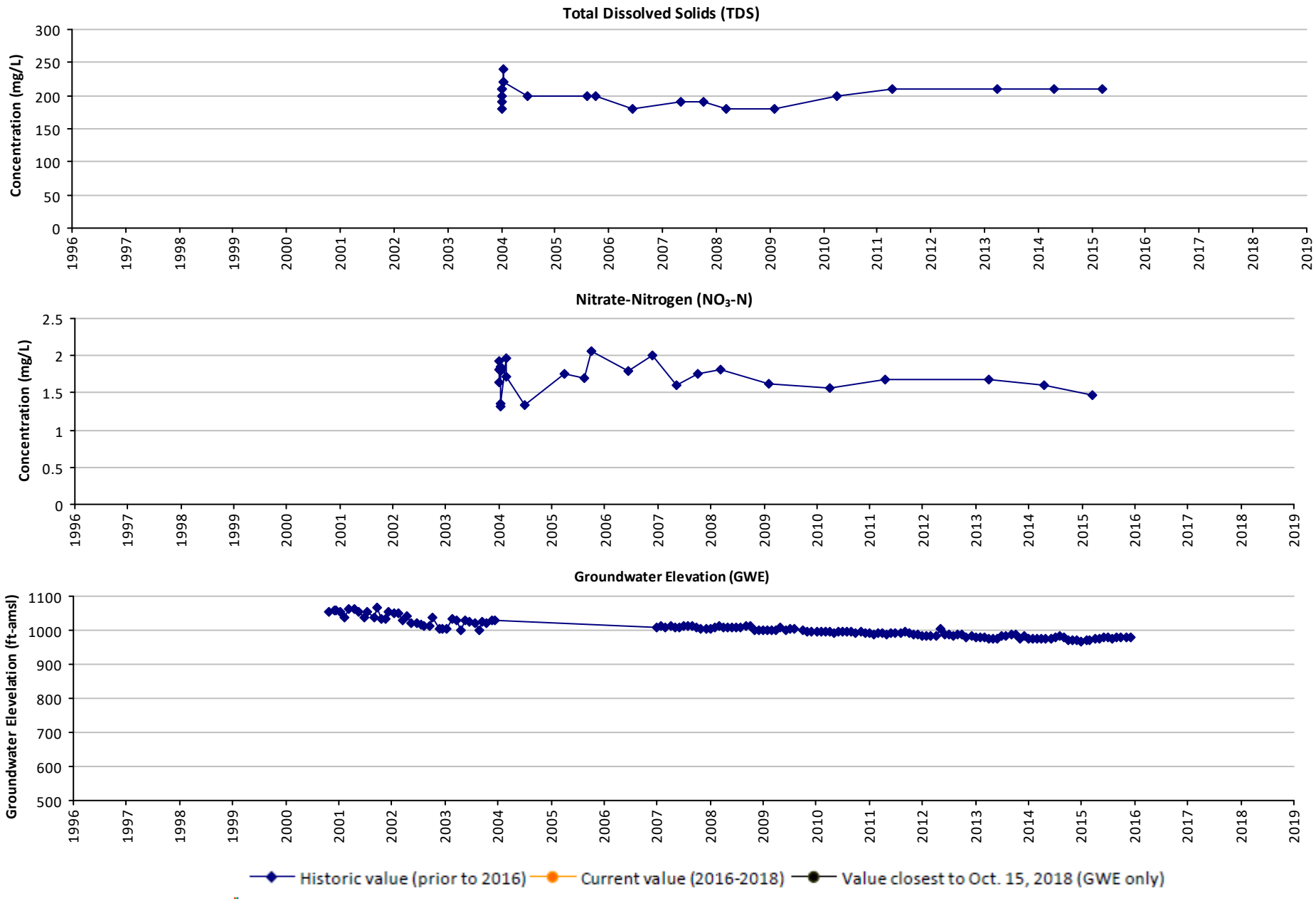
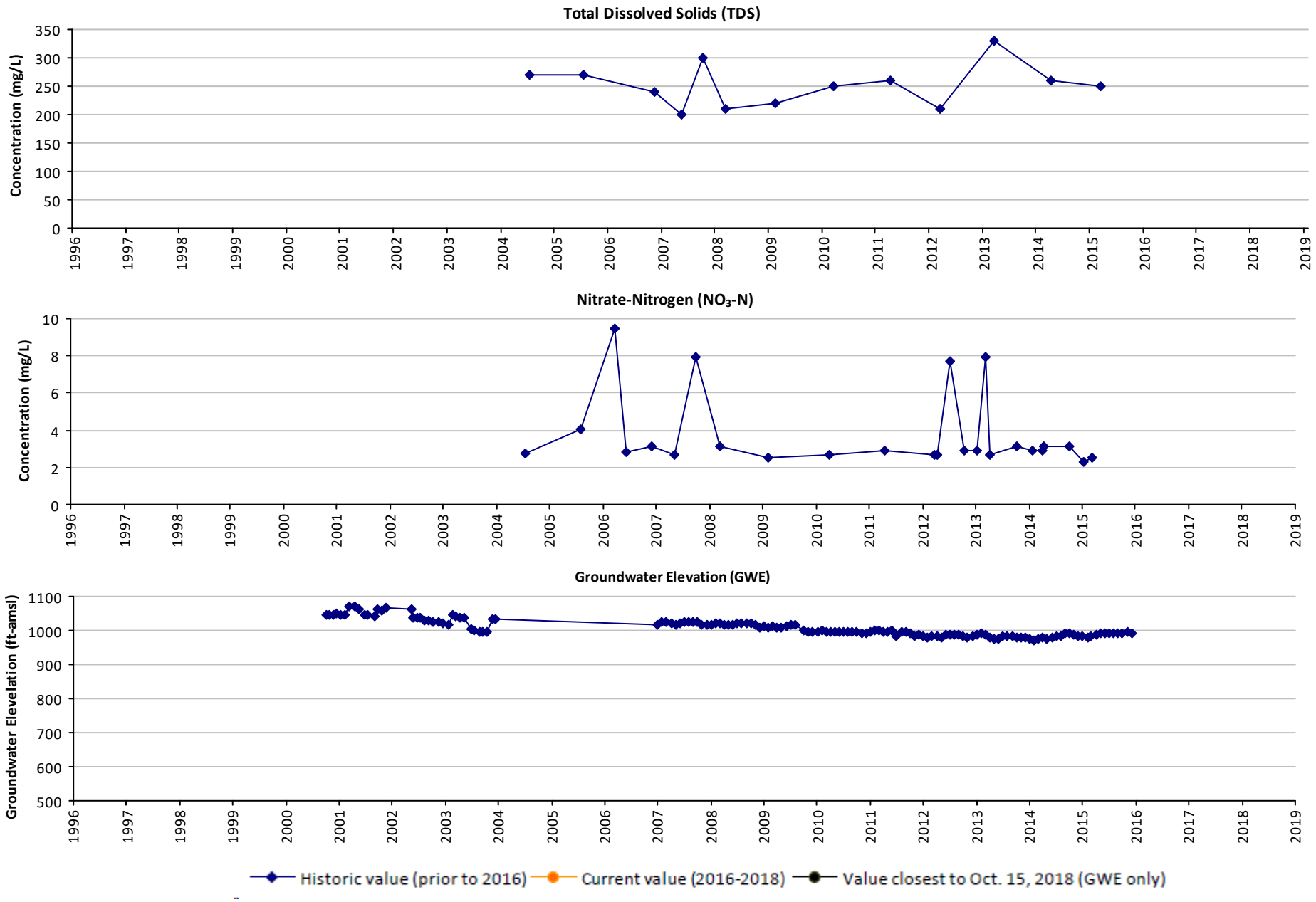
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
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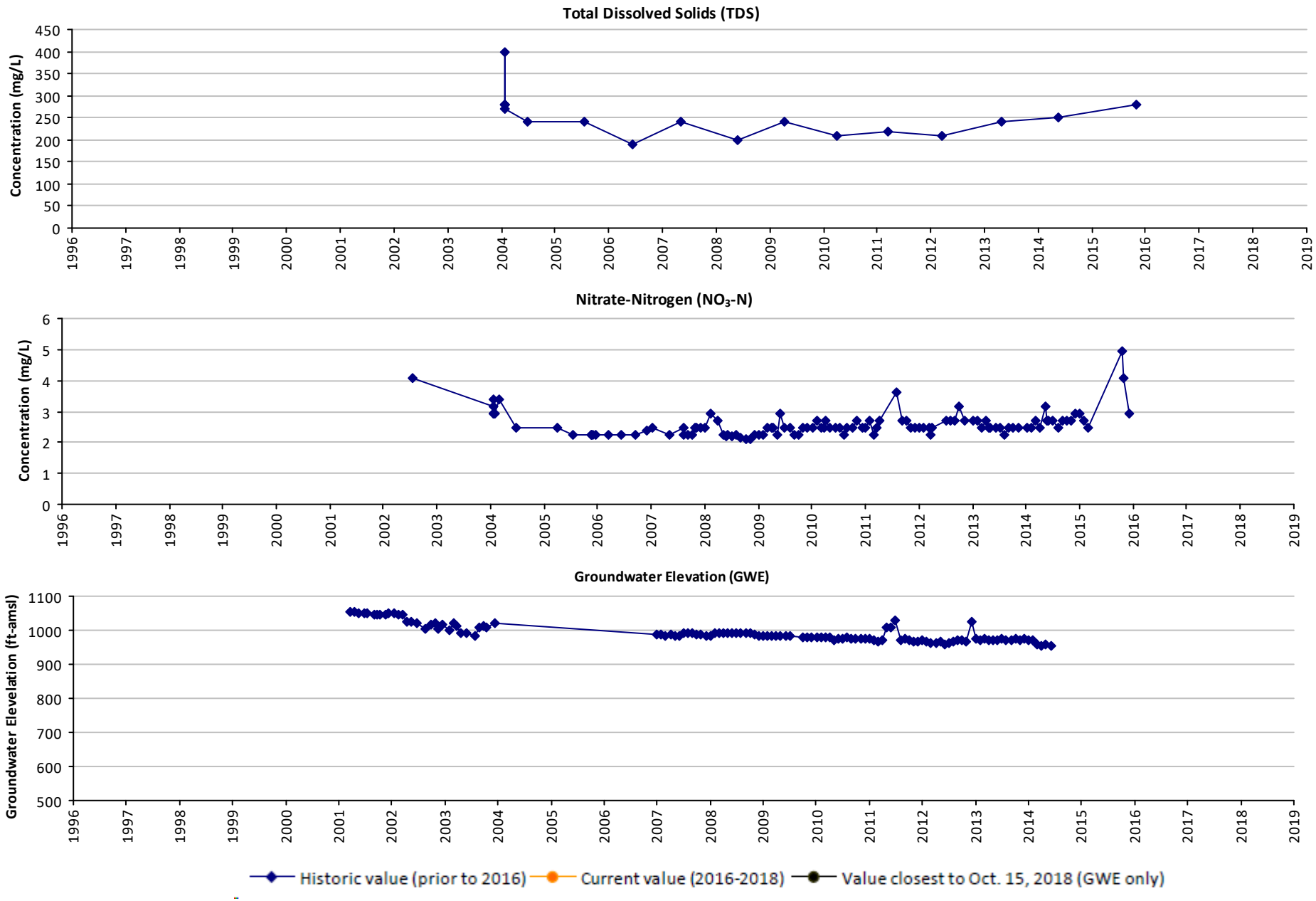
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
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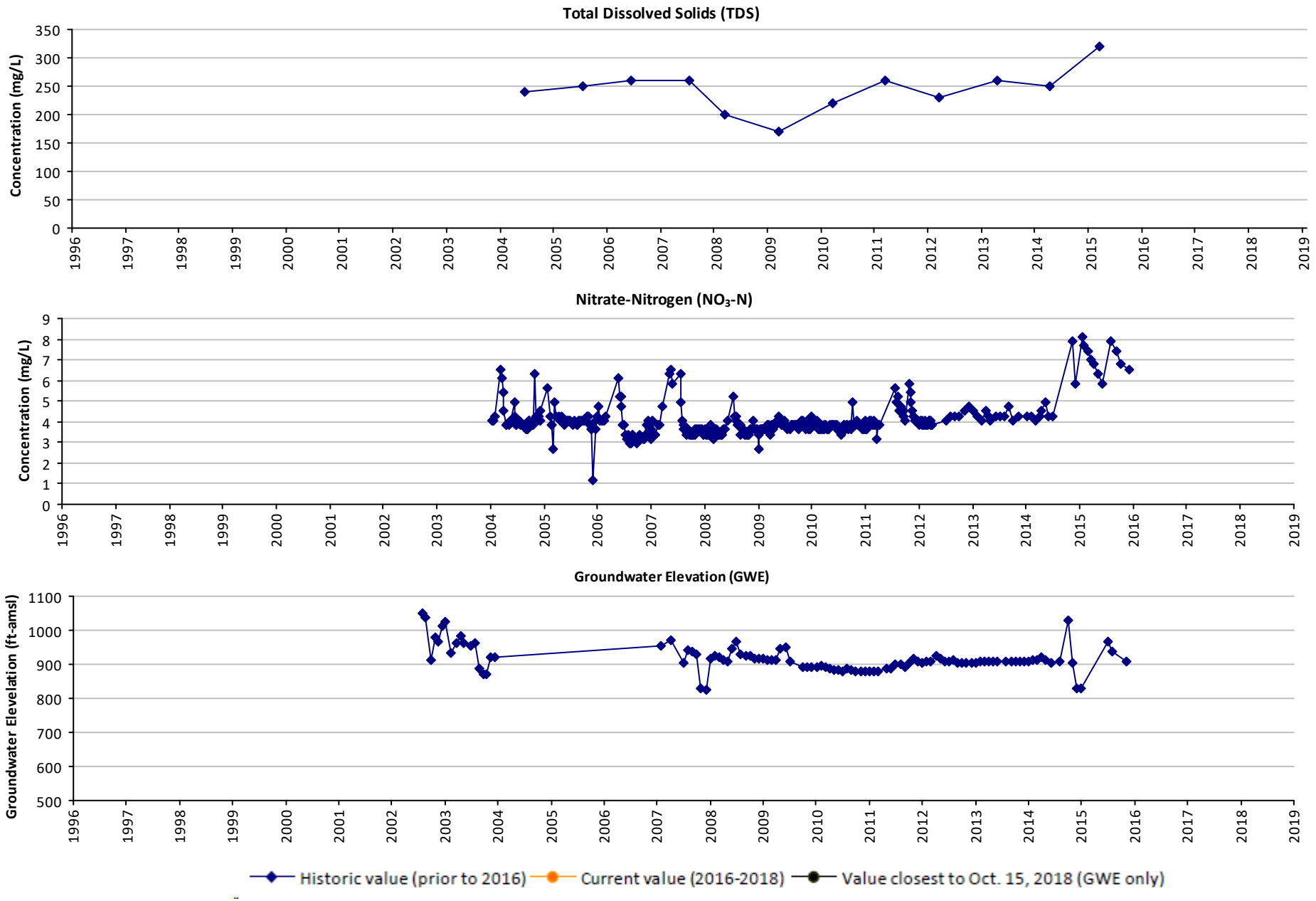
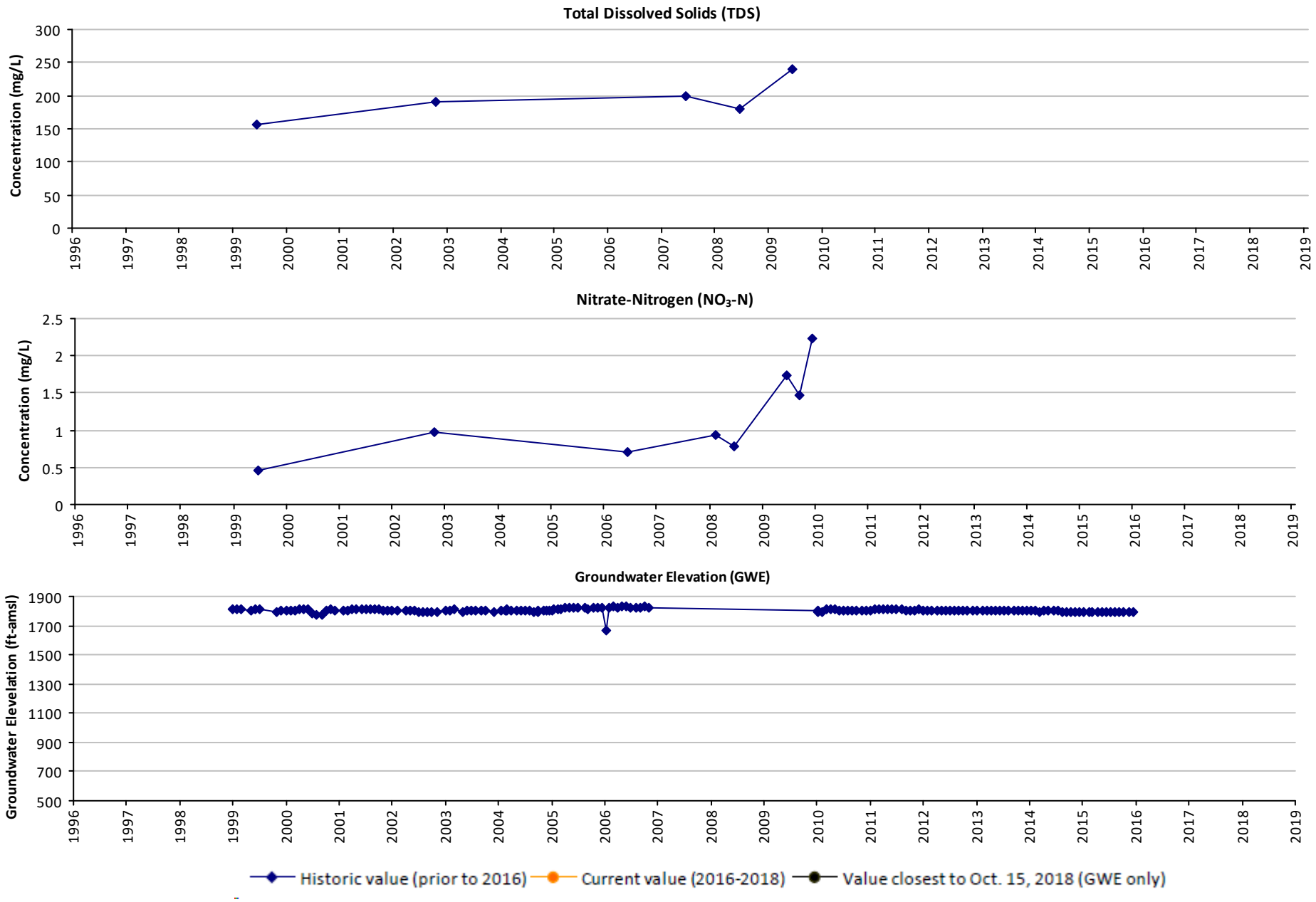
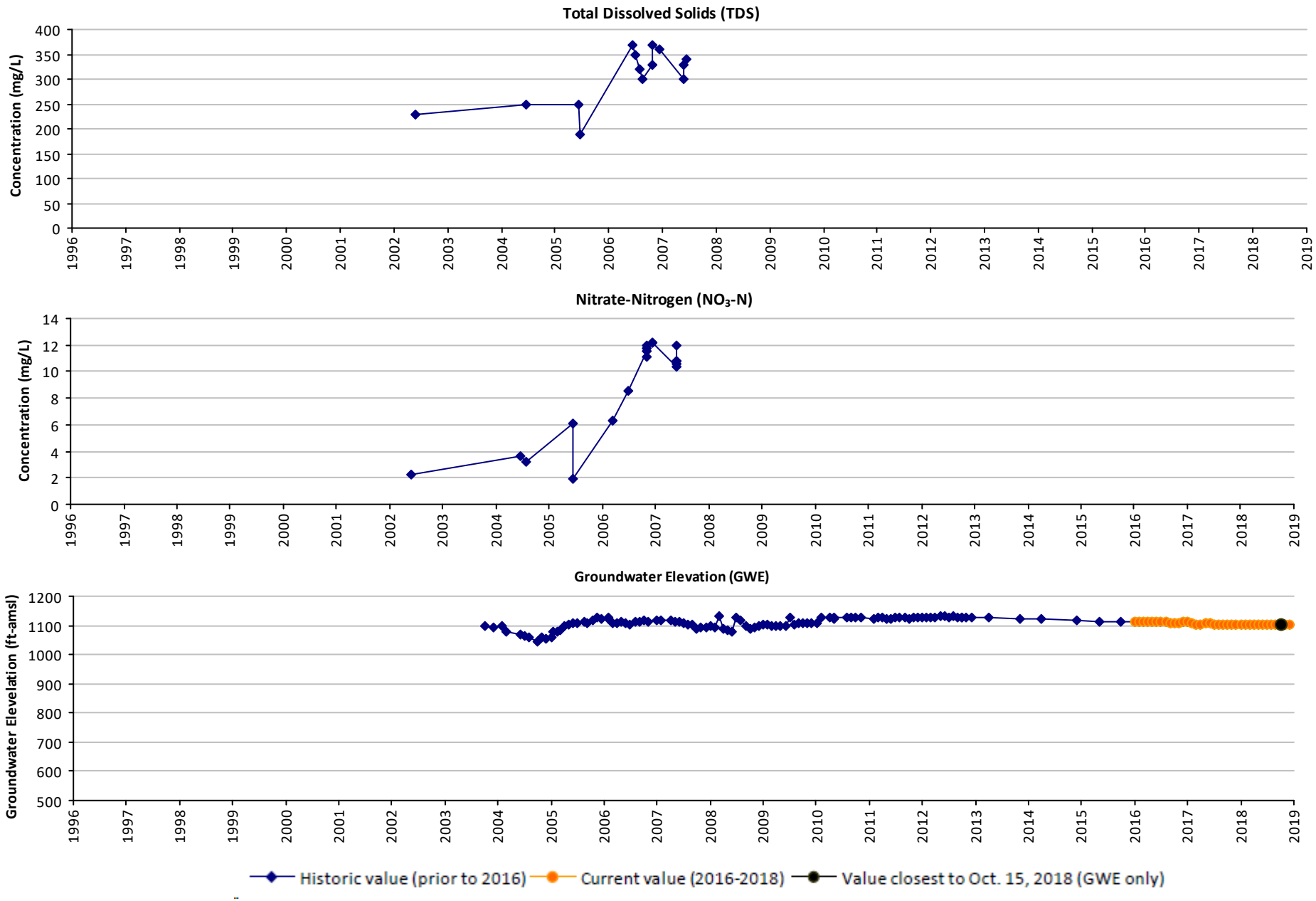
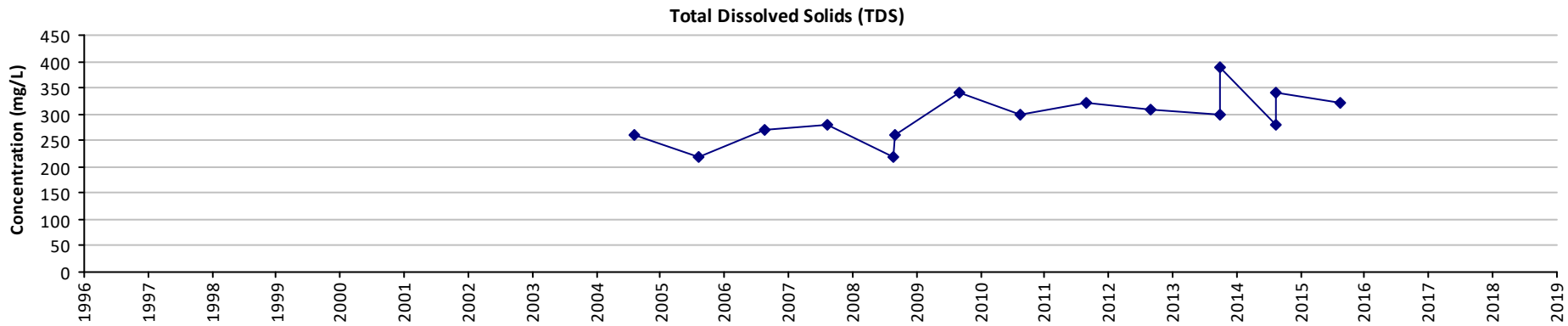
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
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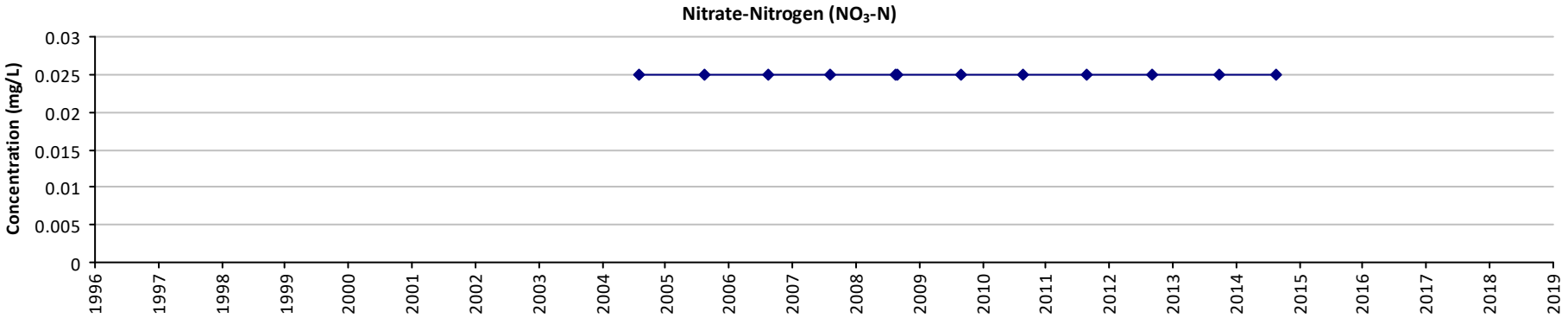
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
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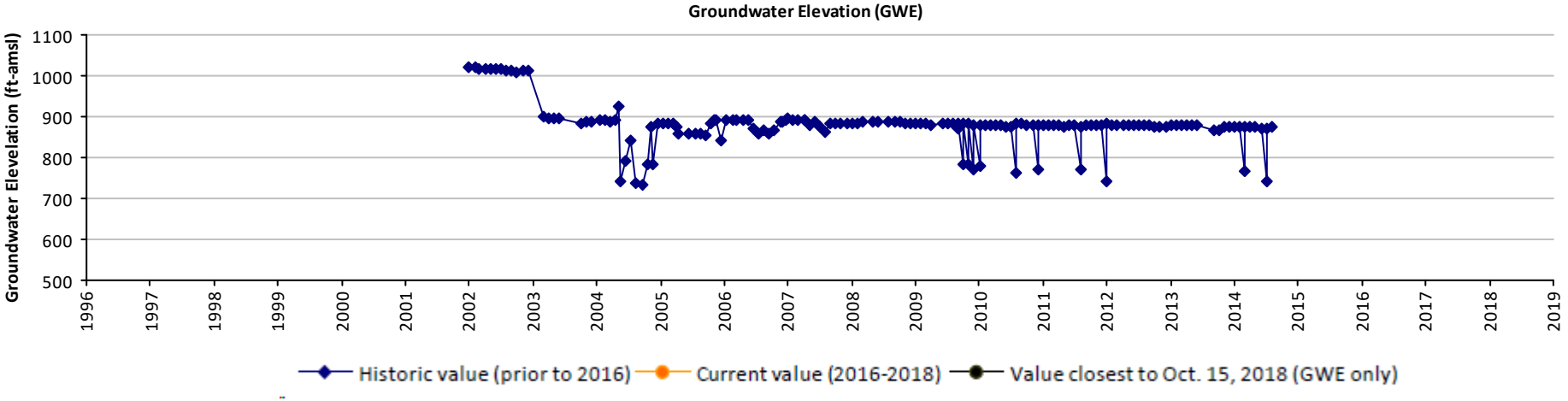
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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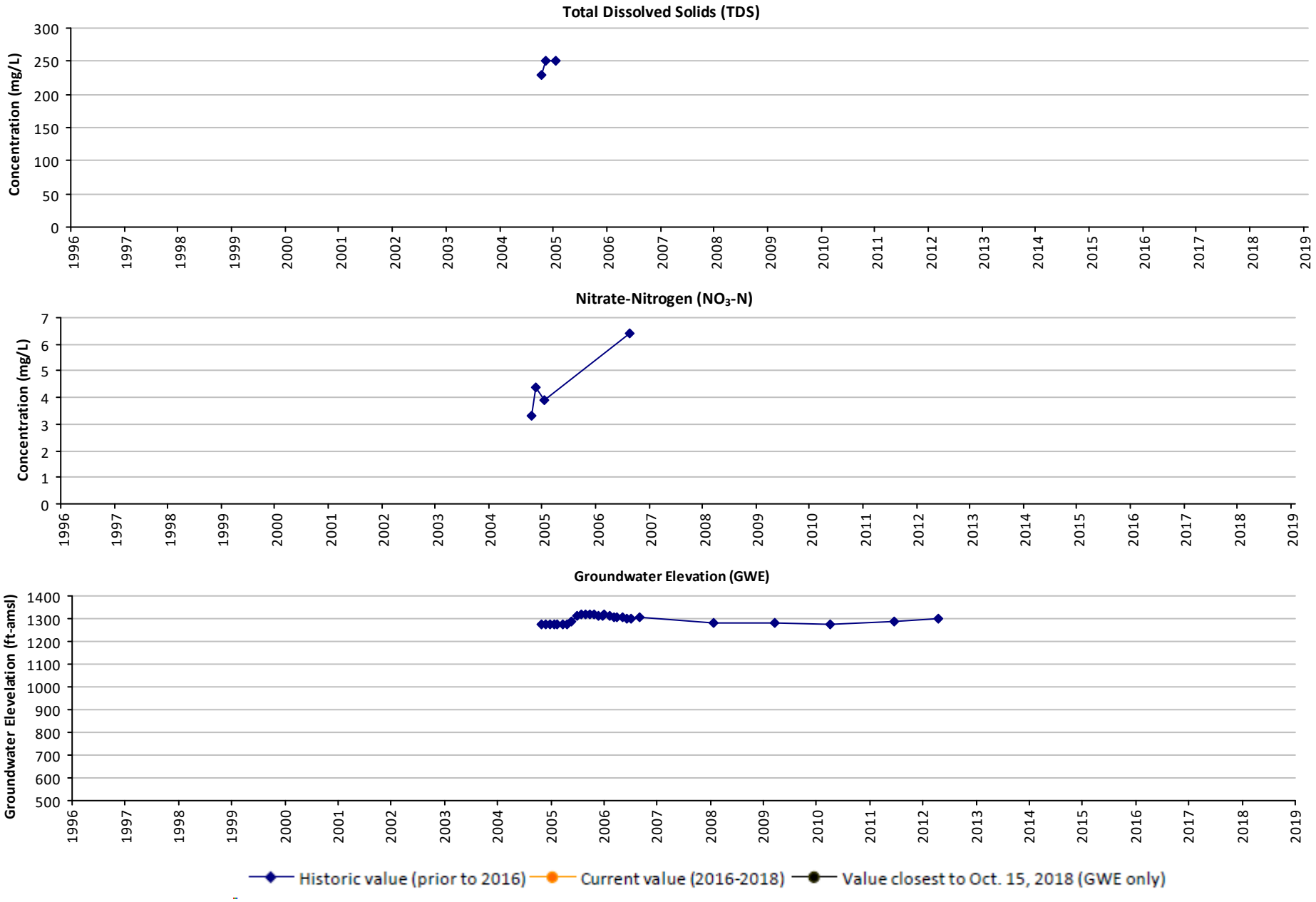
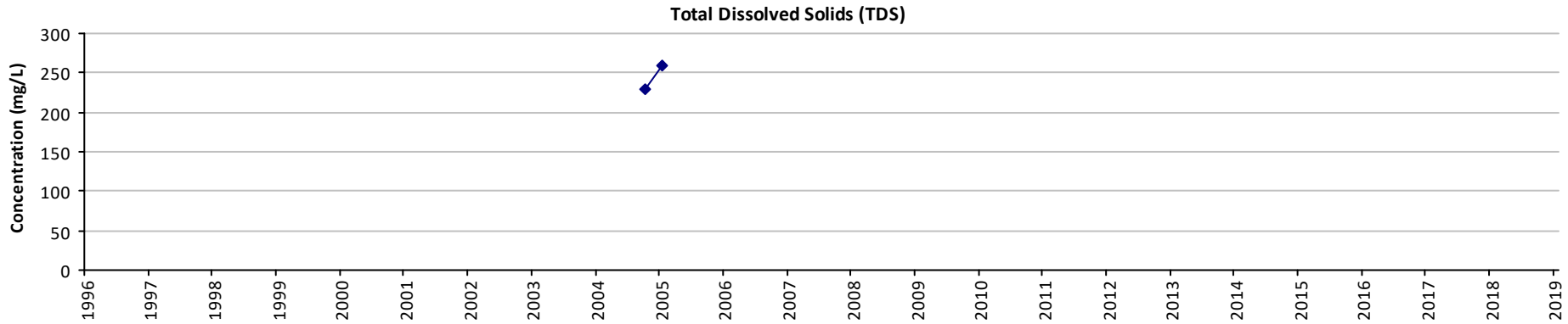
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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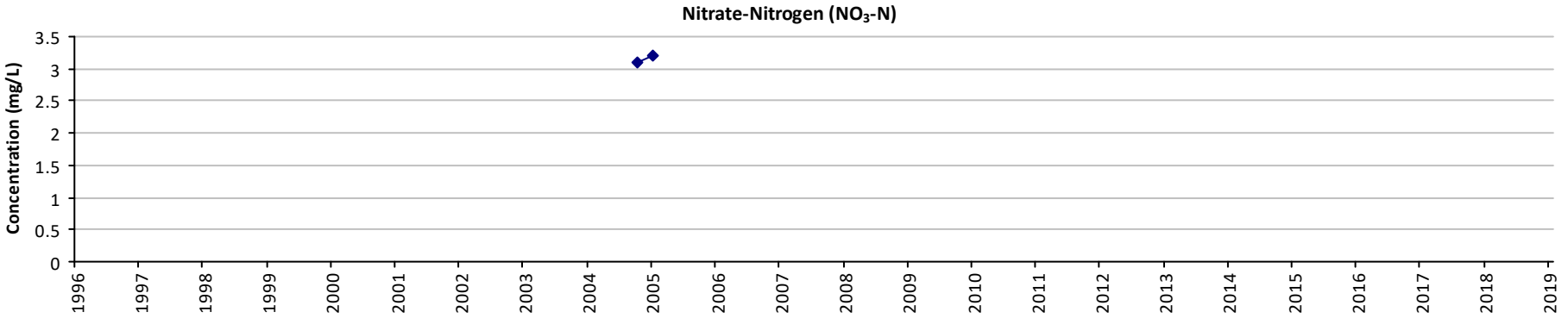
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
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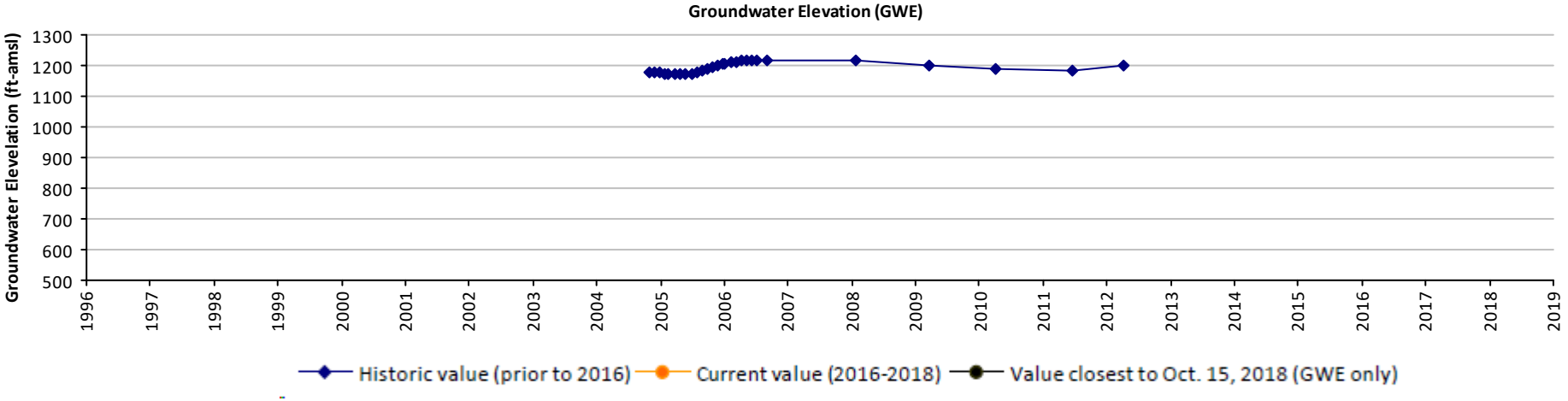
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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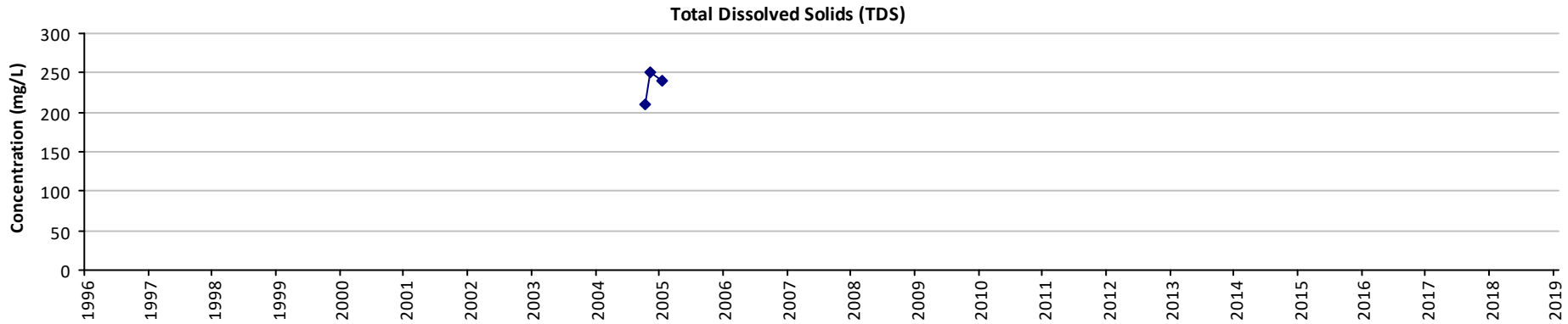
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
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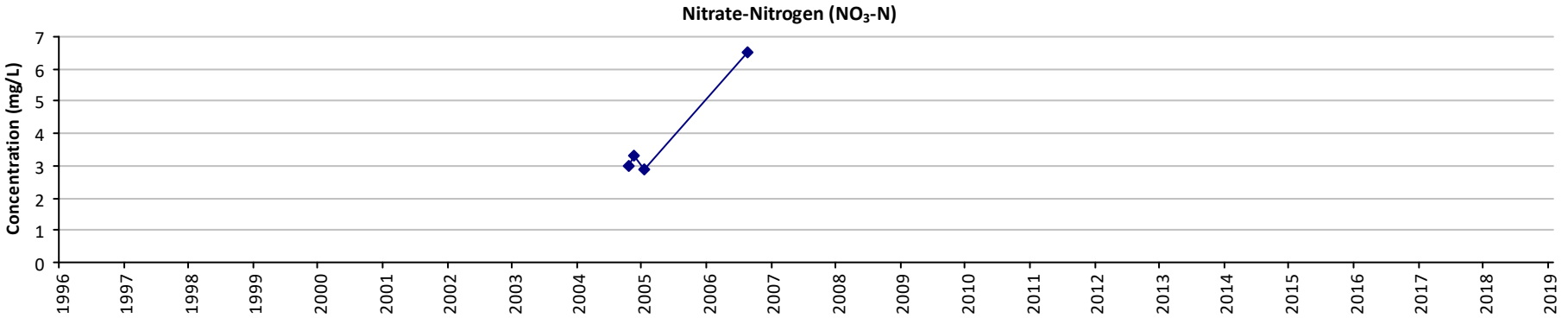
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
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1996
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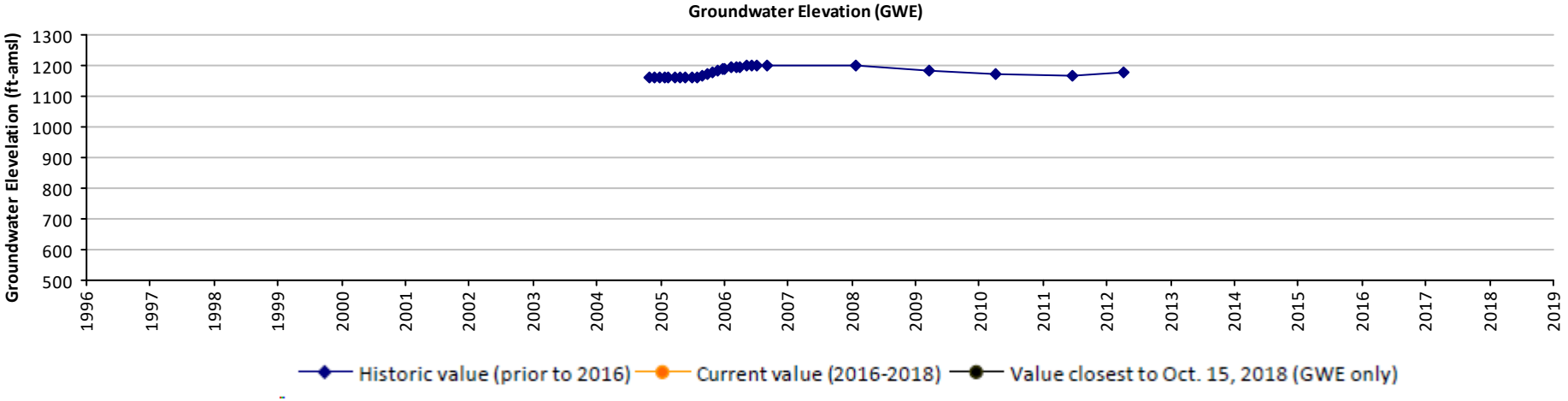
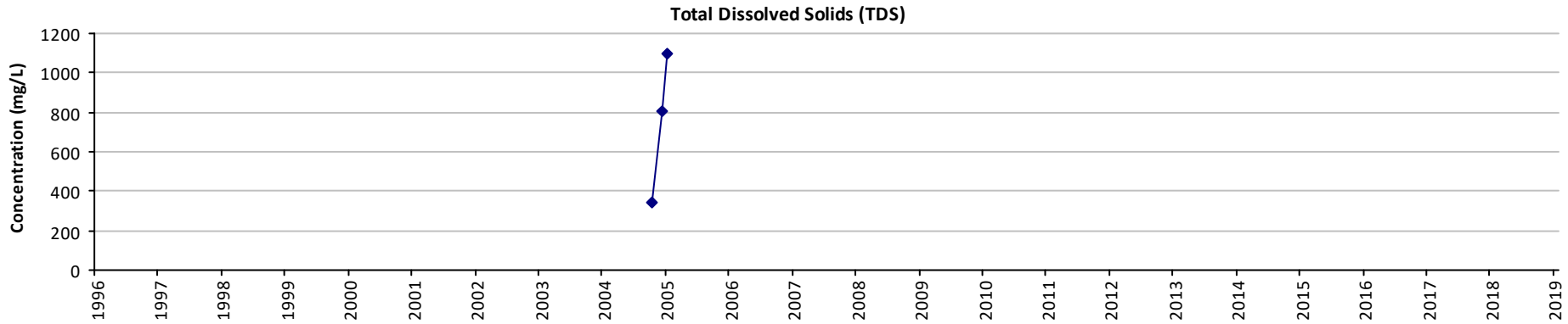
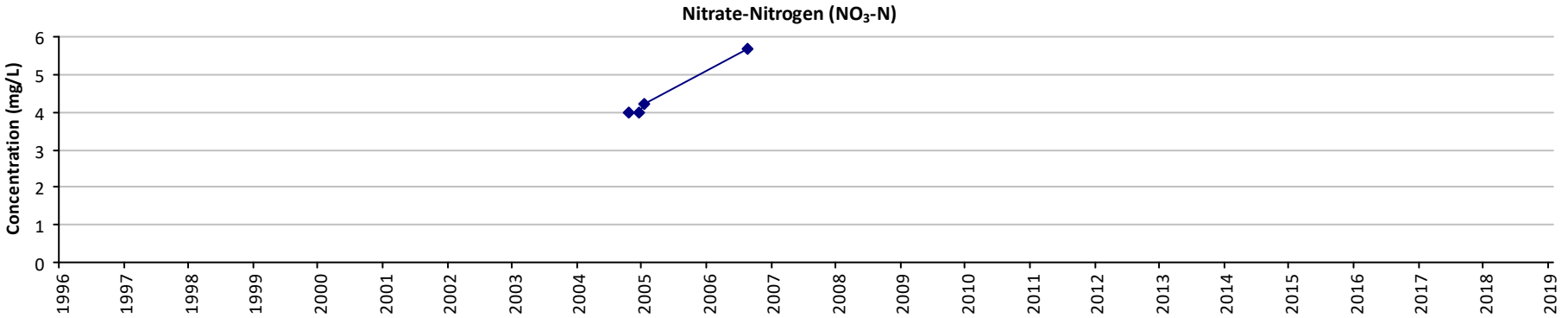
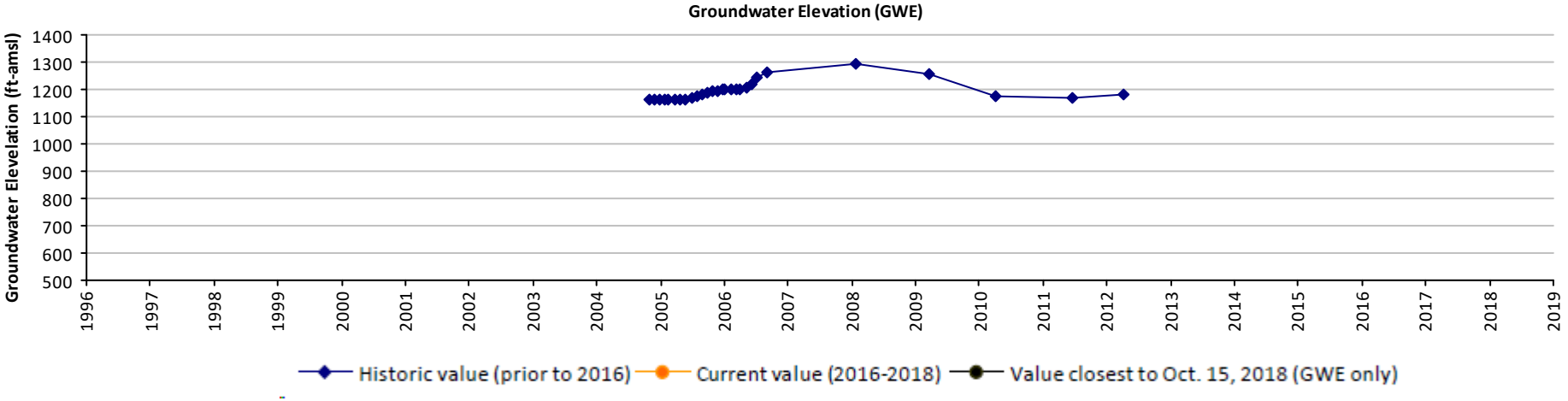
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

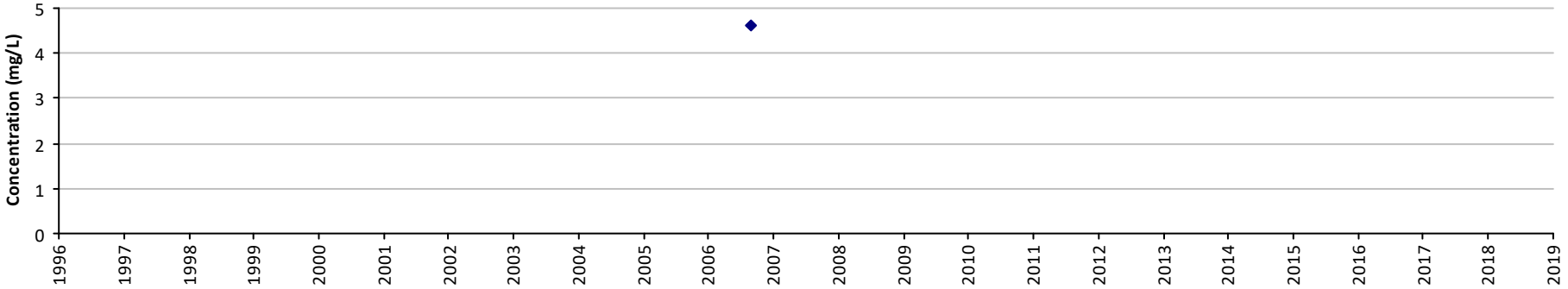

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

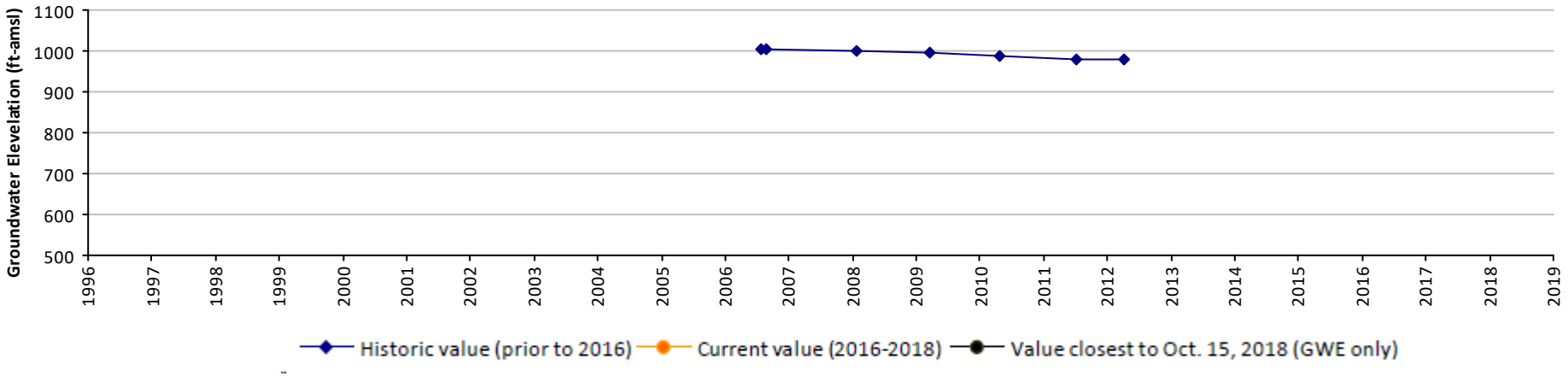

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

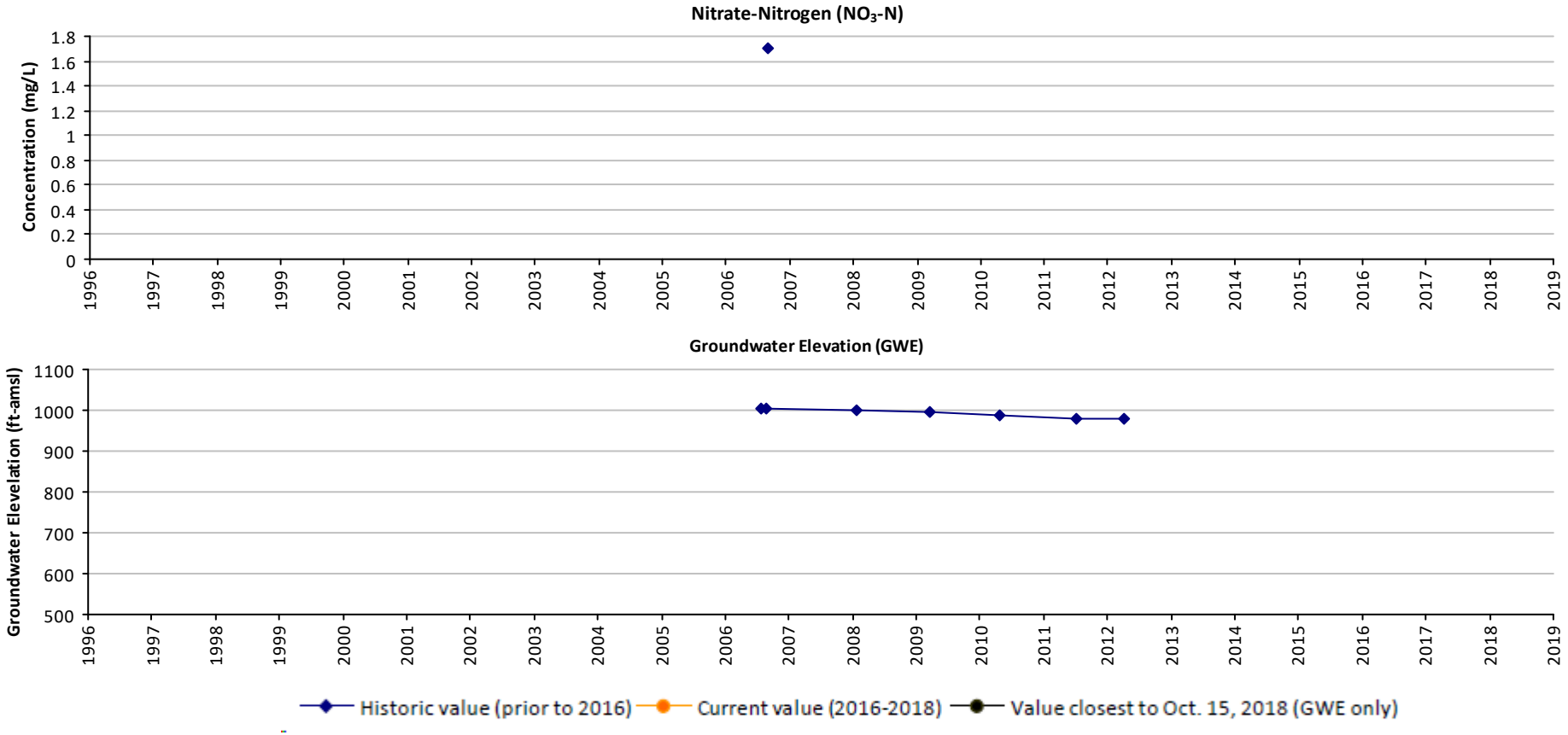
Nitrate-Nitrogen (NO_3-N)



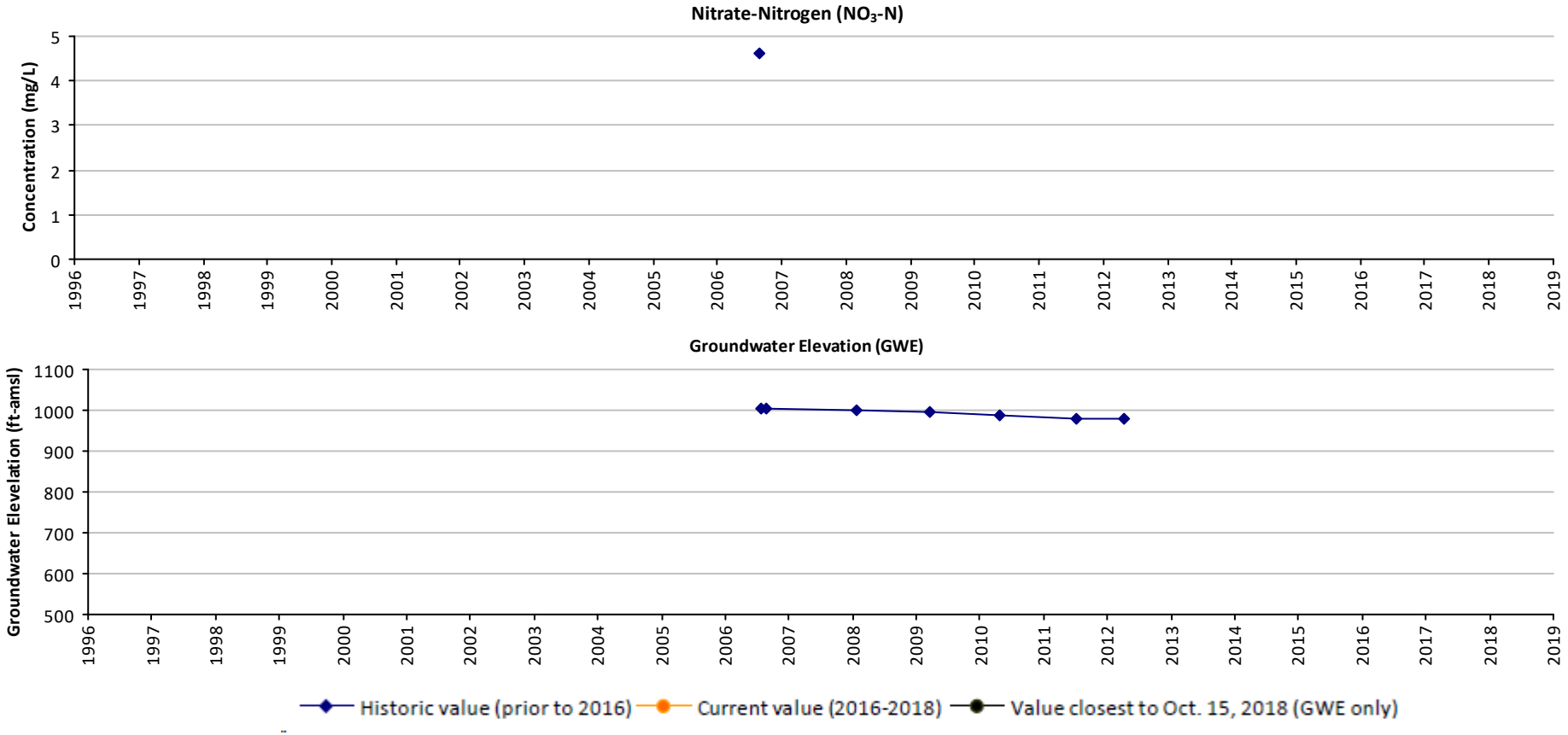
Groundwater Elevation (GWE)



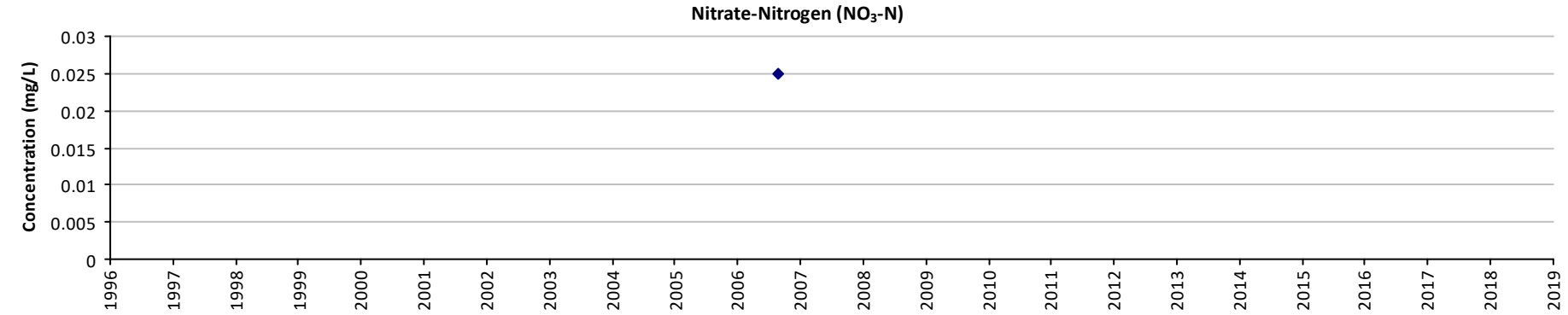
Total Dissolved Solids (TDS)

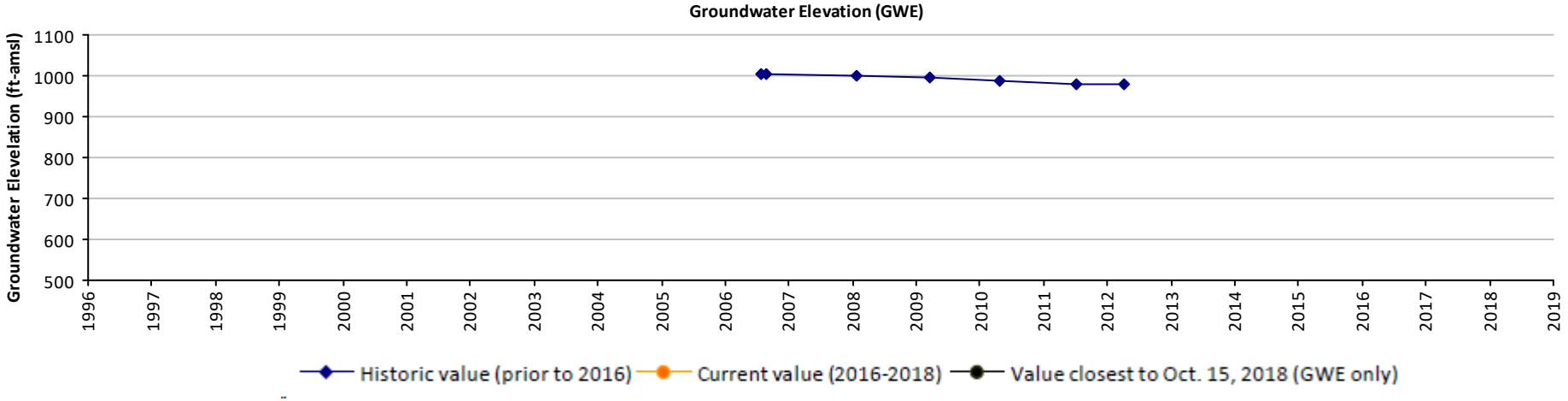


Total Dissolved Solids (TDS)



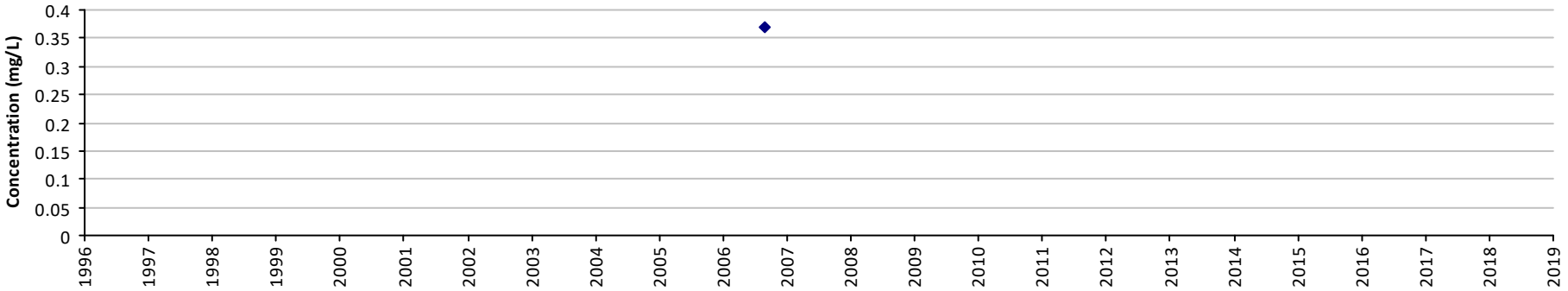
Total Dissolved Solids (TDS)



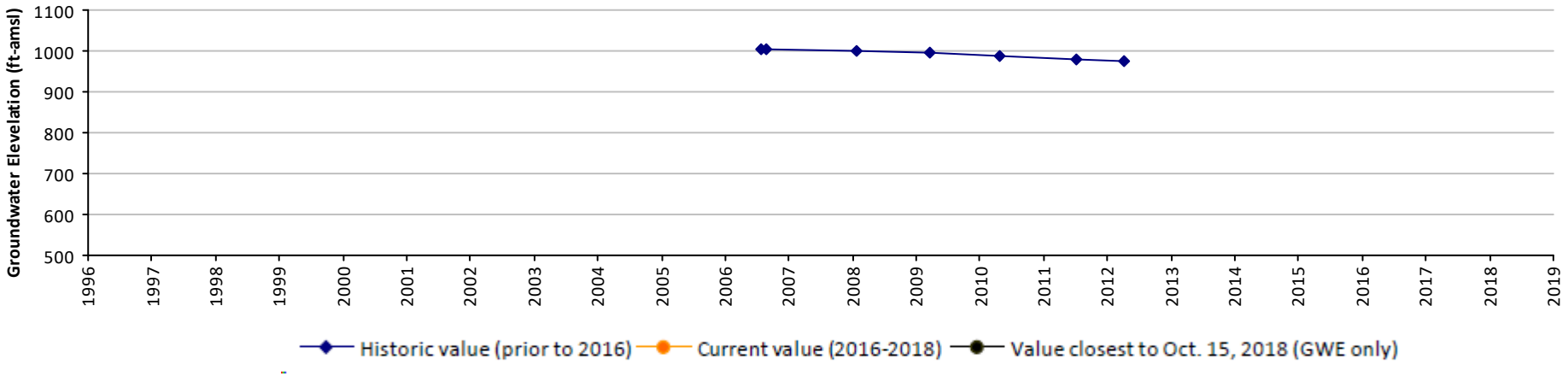


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

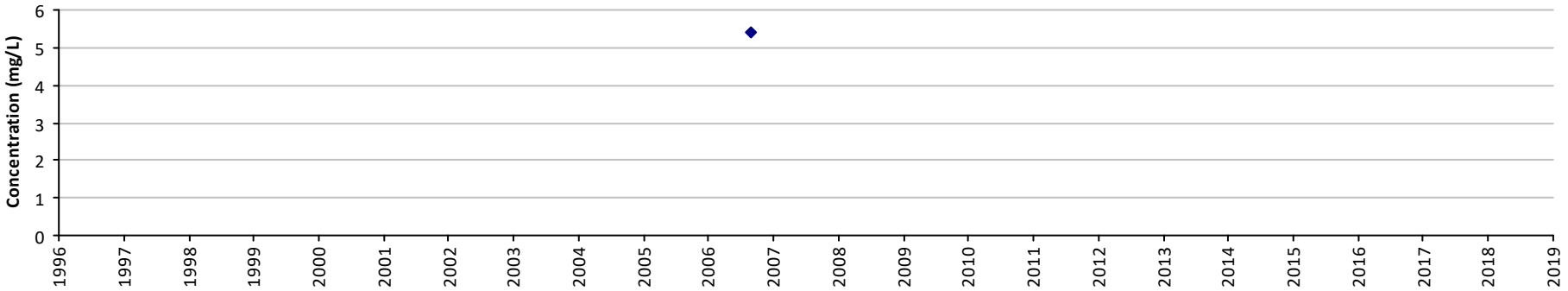


Groundwater Elevation (GWE)

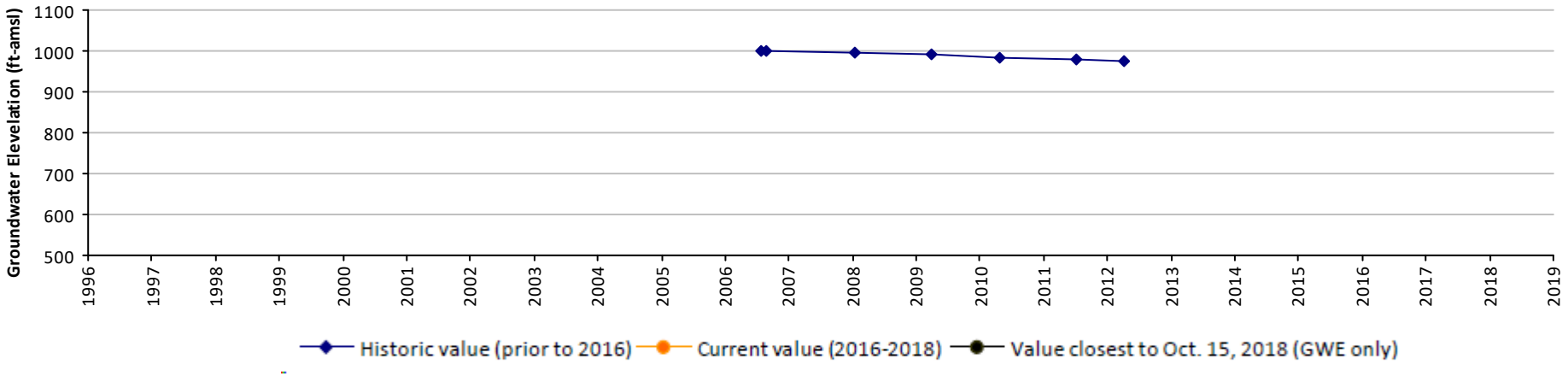


Total Dissolved Solids (TDS)

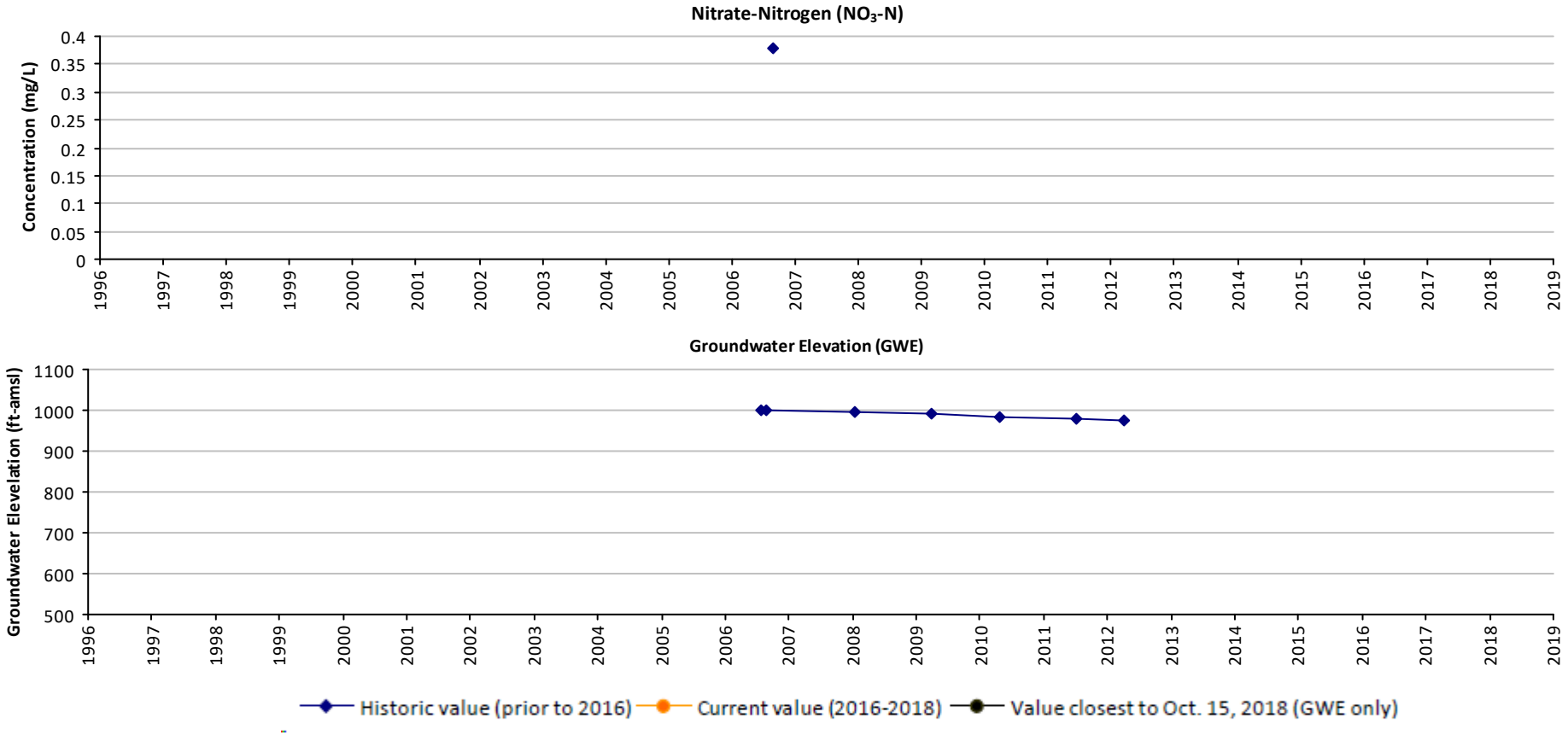
Nitrate-Nitrogen (NO_3-N)



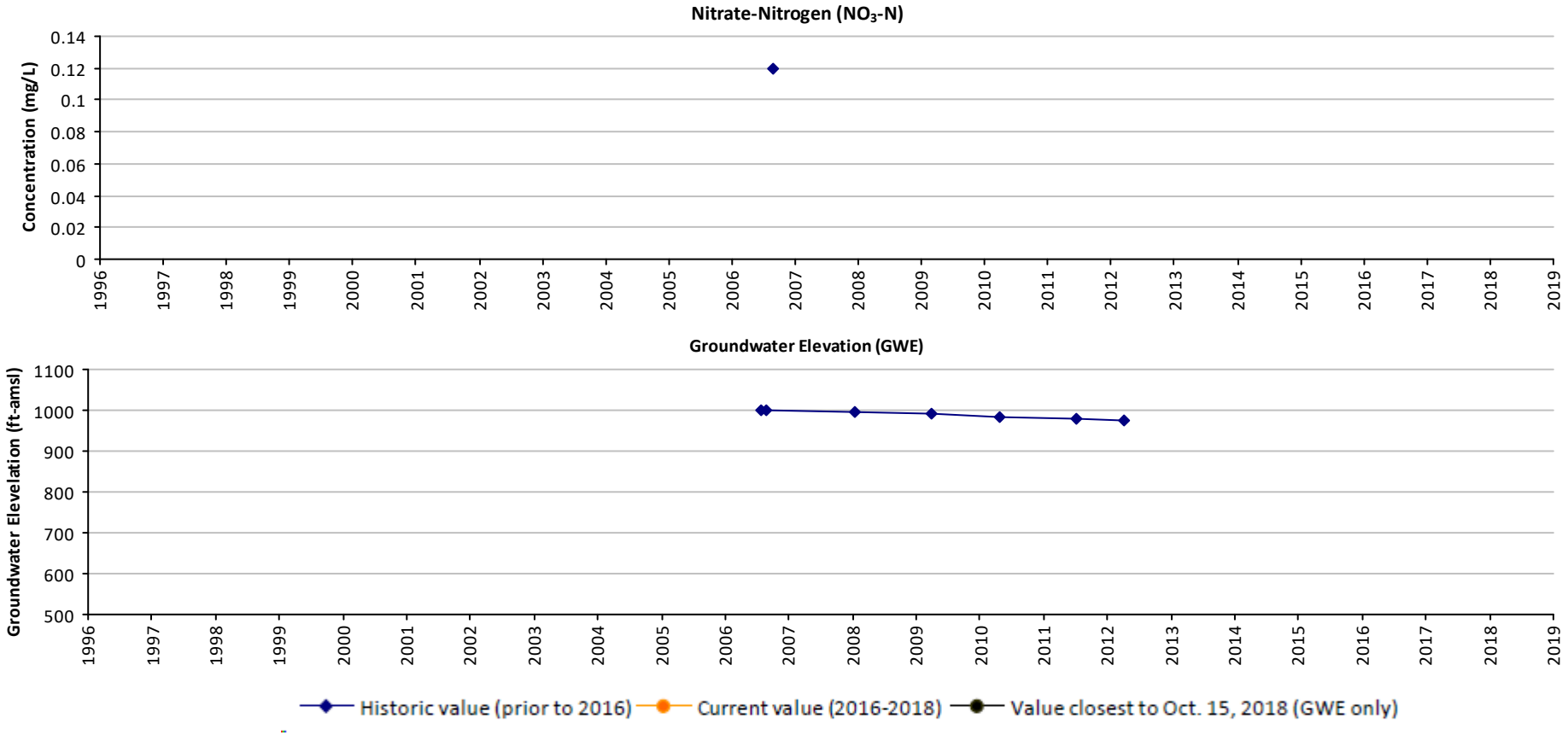
Groundwater Elevation (GWE)



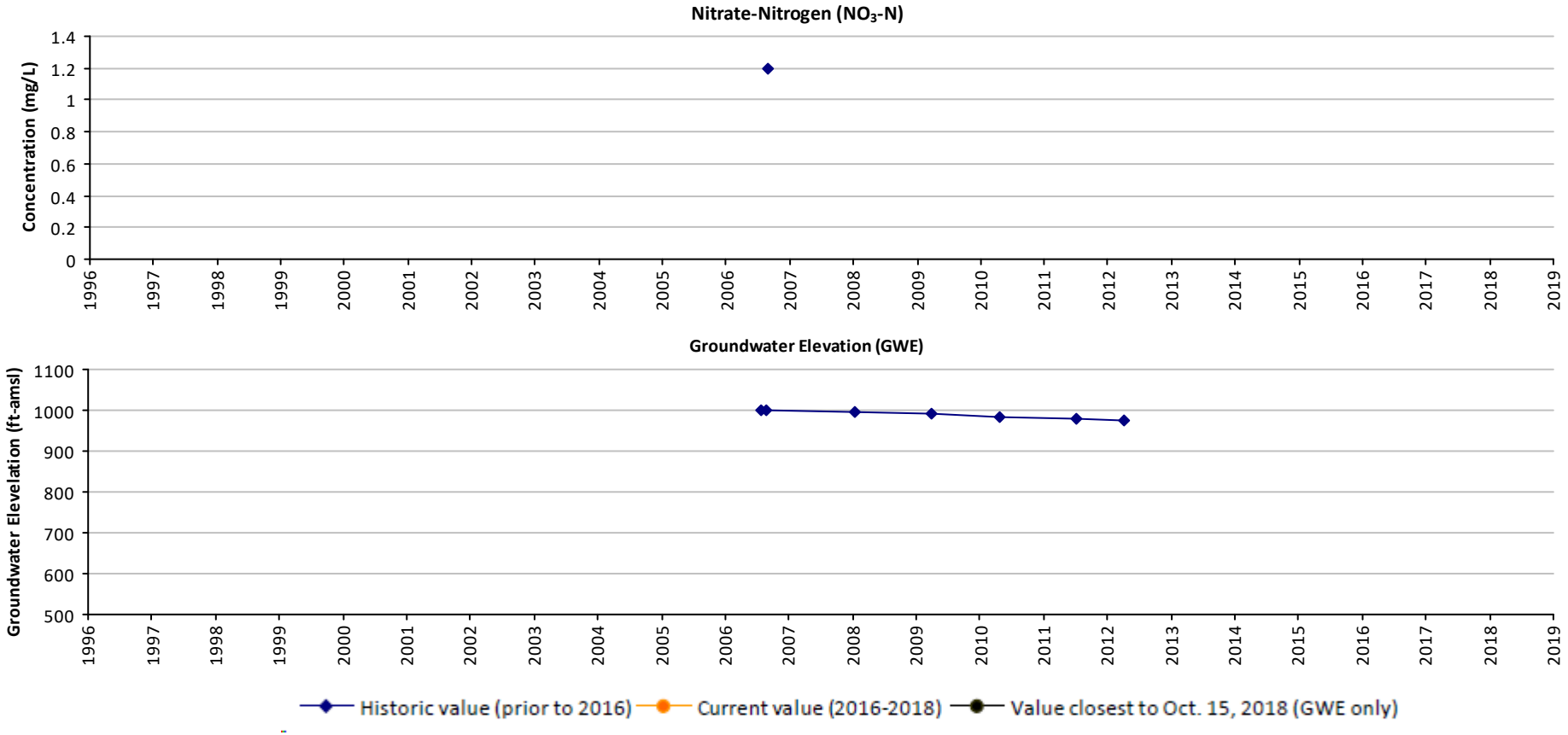
Total Dissolved Solids (TDS)



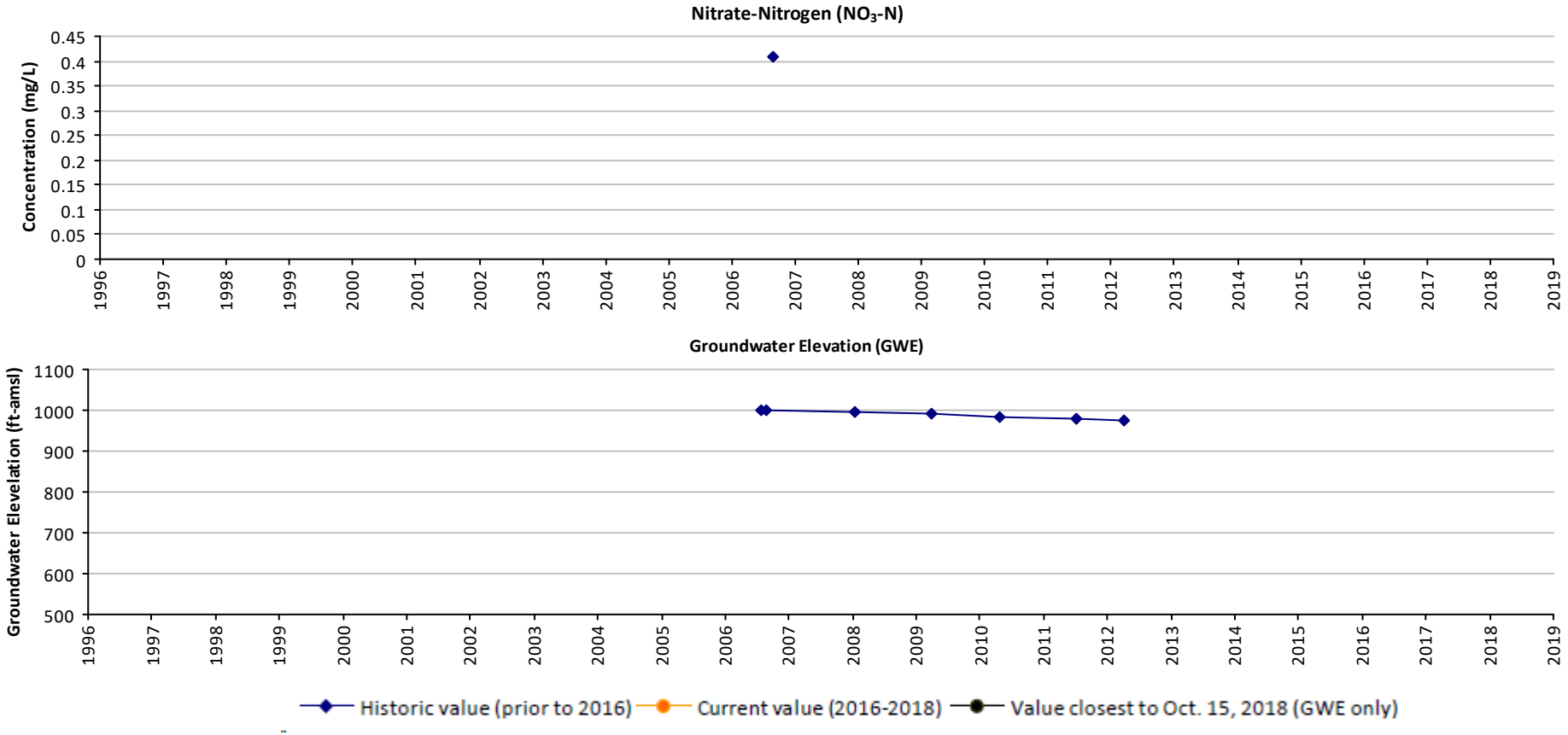
Total Dissolved Solids (TDS)



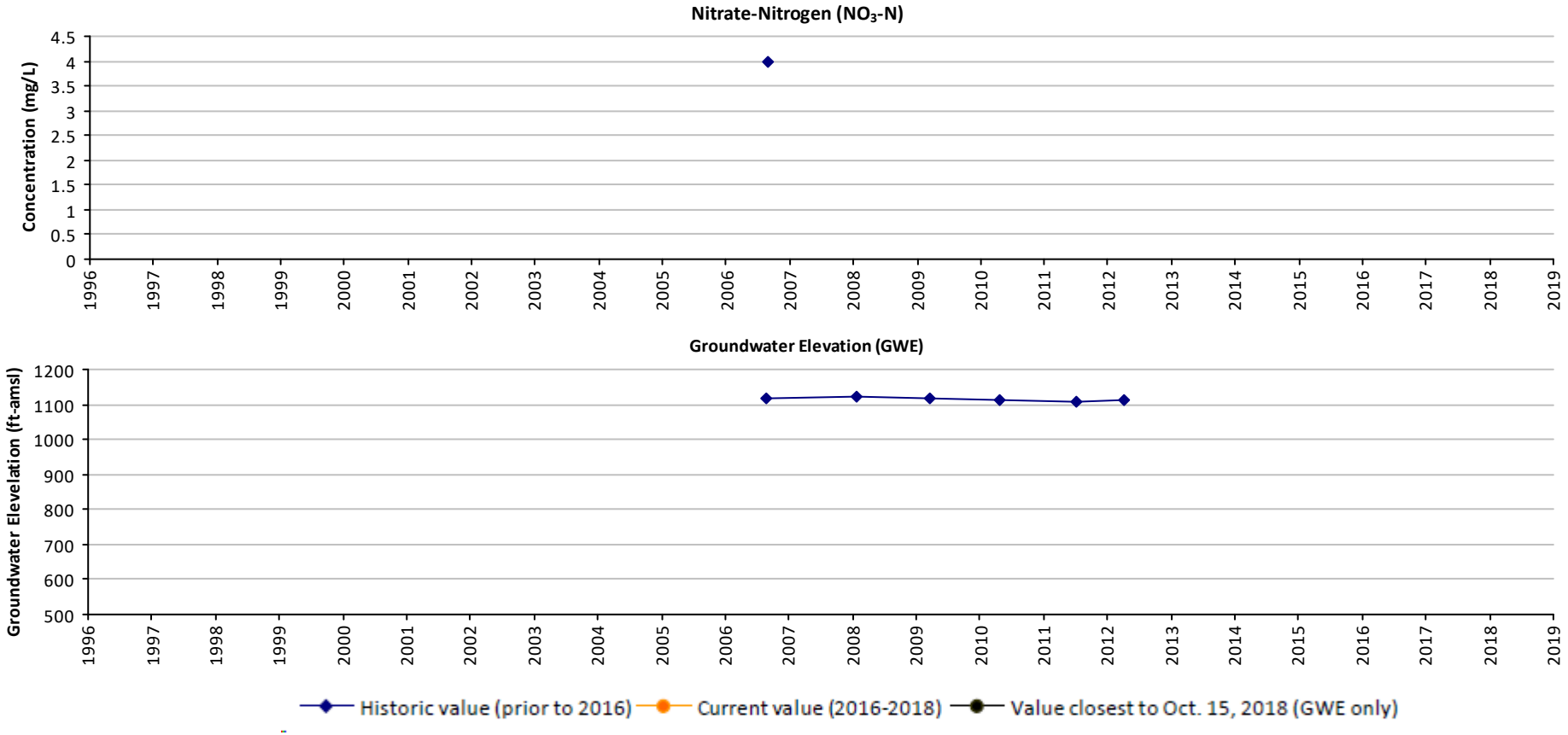
Total Dissolved Solids (TDS)



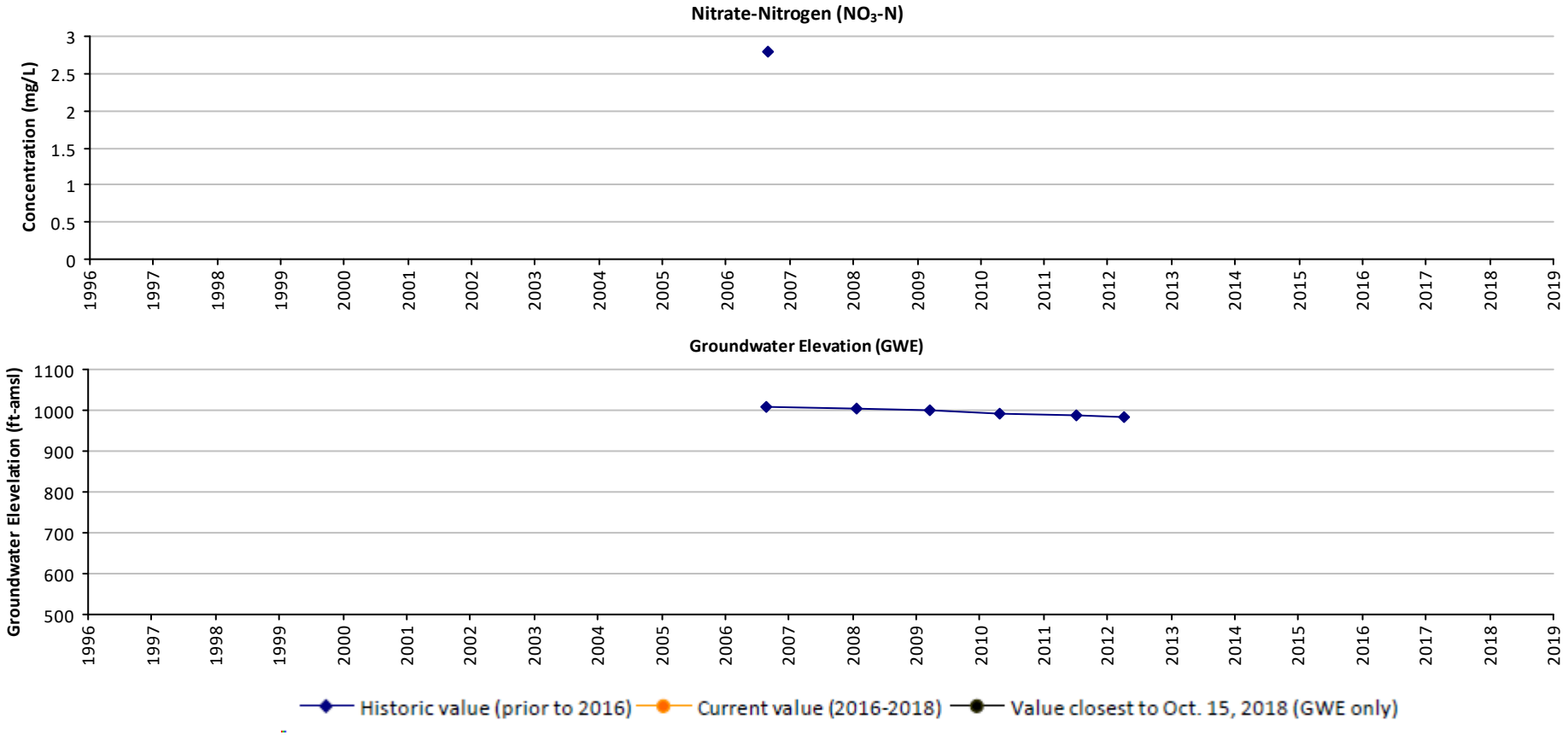
Total Dissolved Solids (TDS)



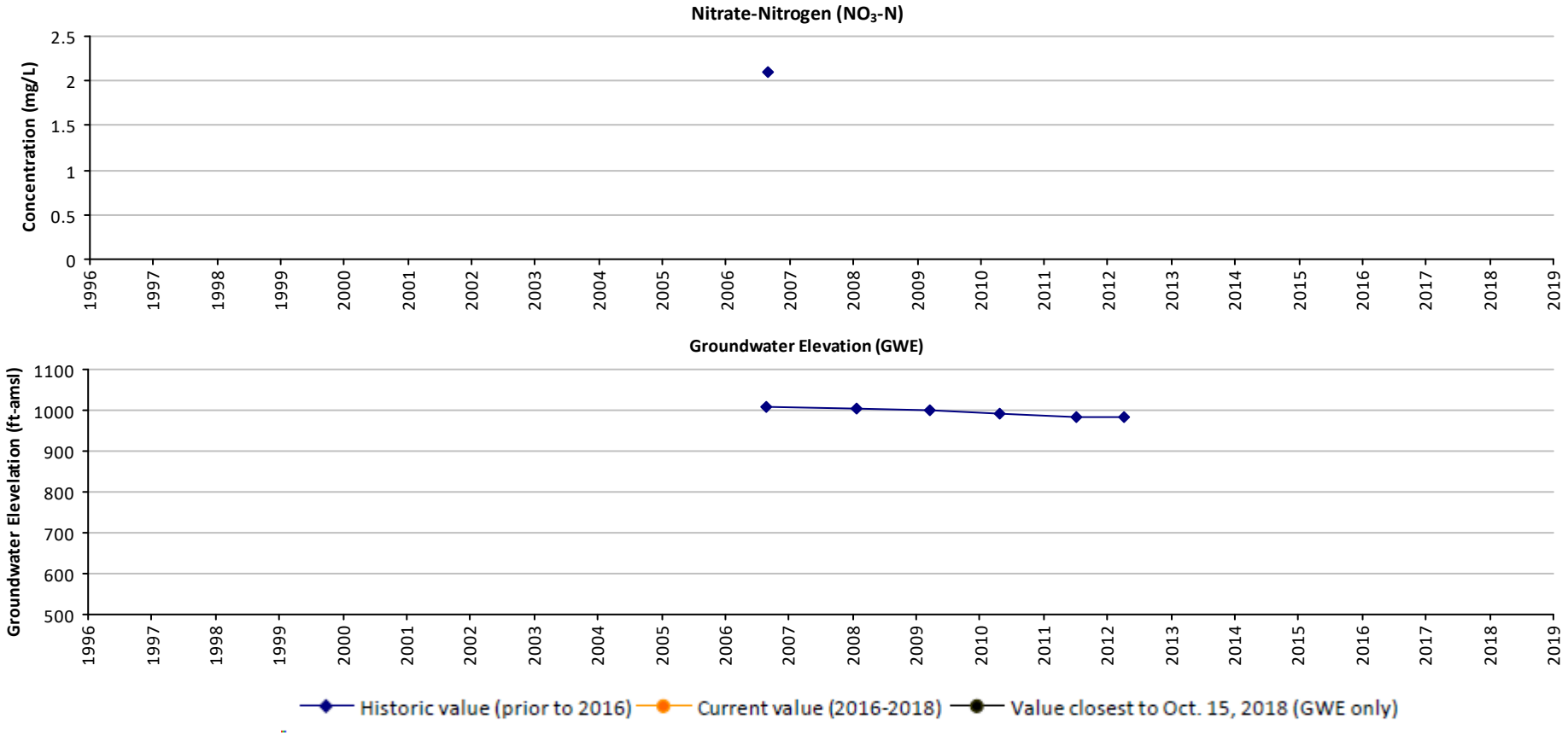
Total Dissolved Solids (TDS)



Total Dissolved Solids (TDS)

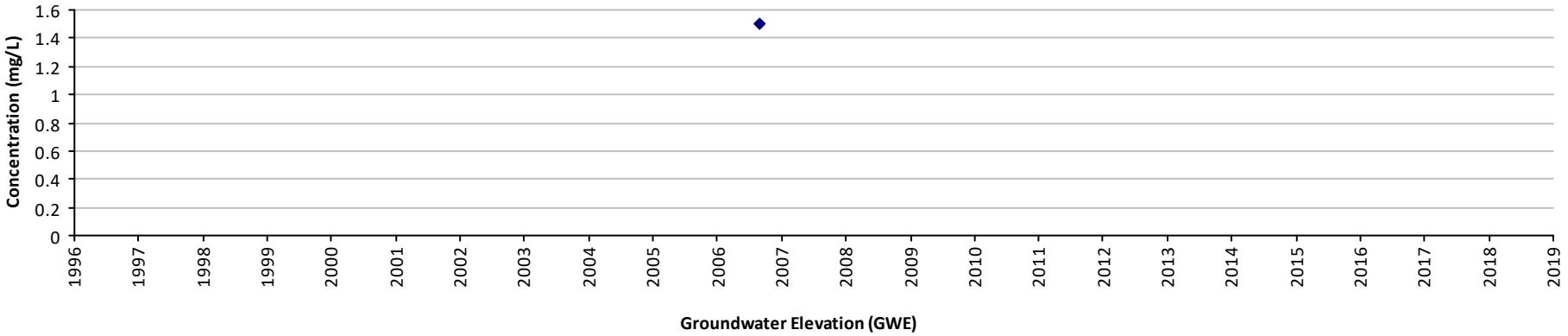


Total Dissolved Solids (TDS)

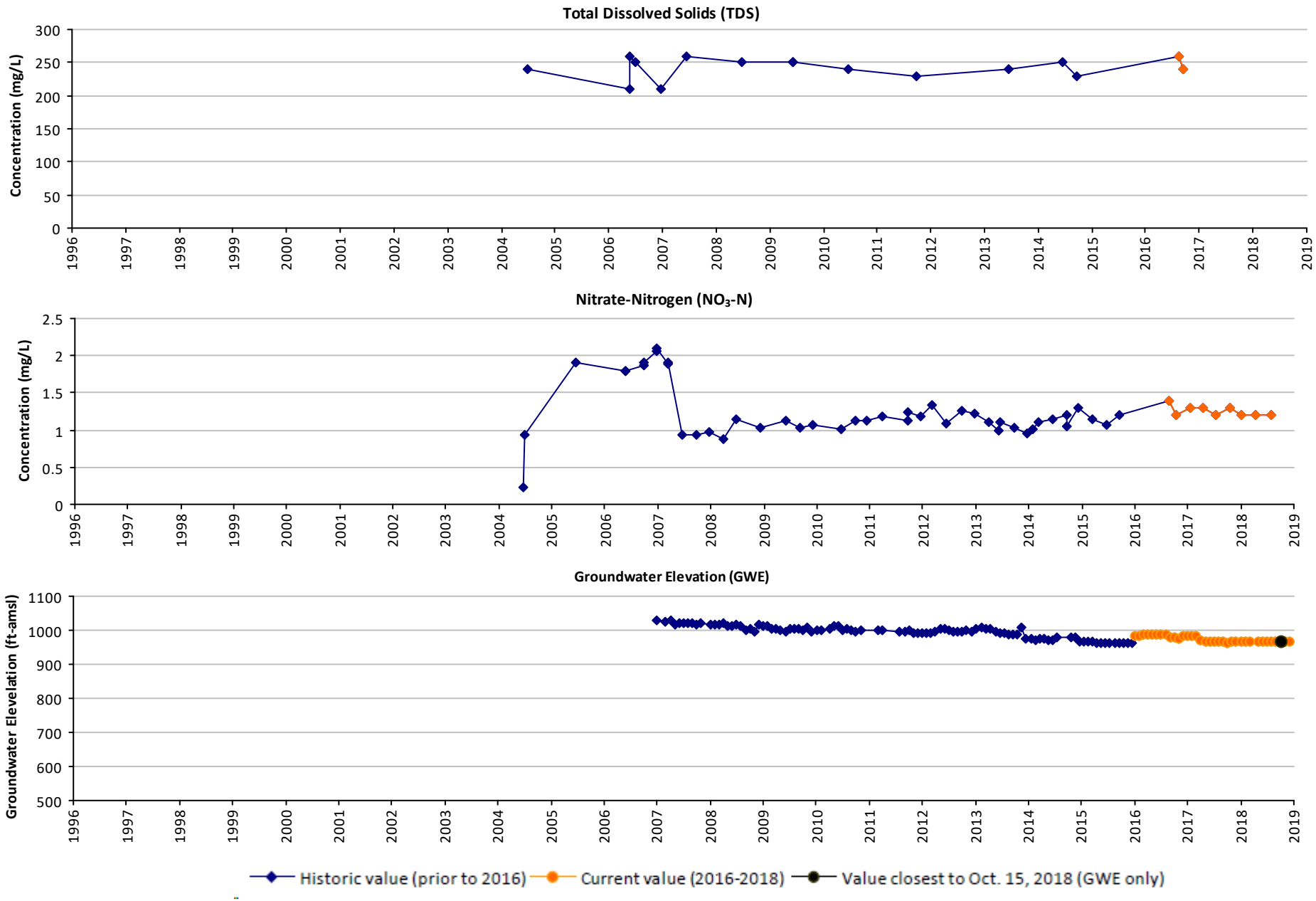


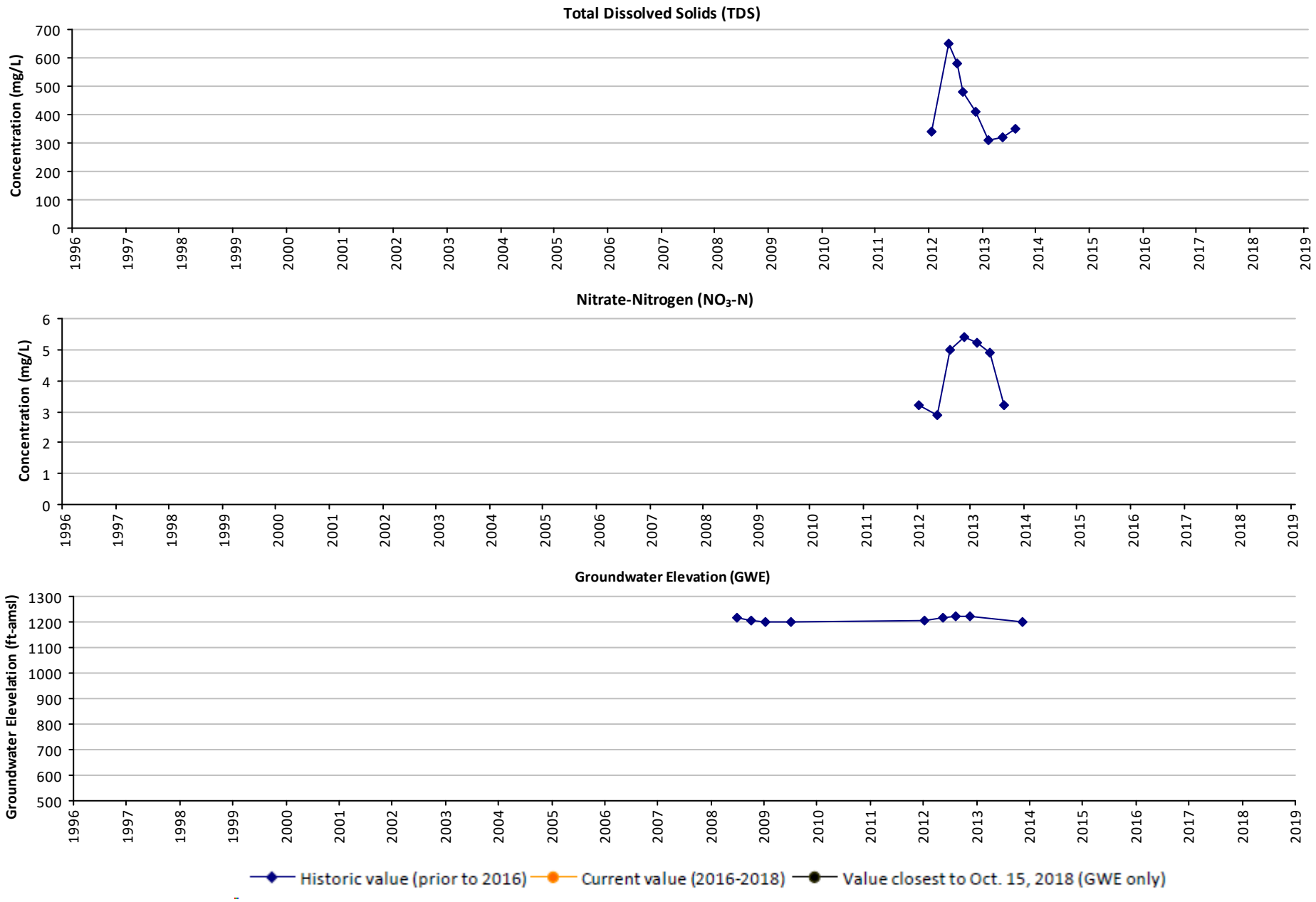
Total Dissolved Solids (TDS)

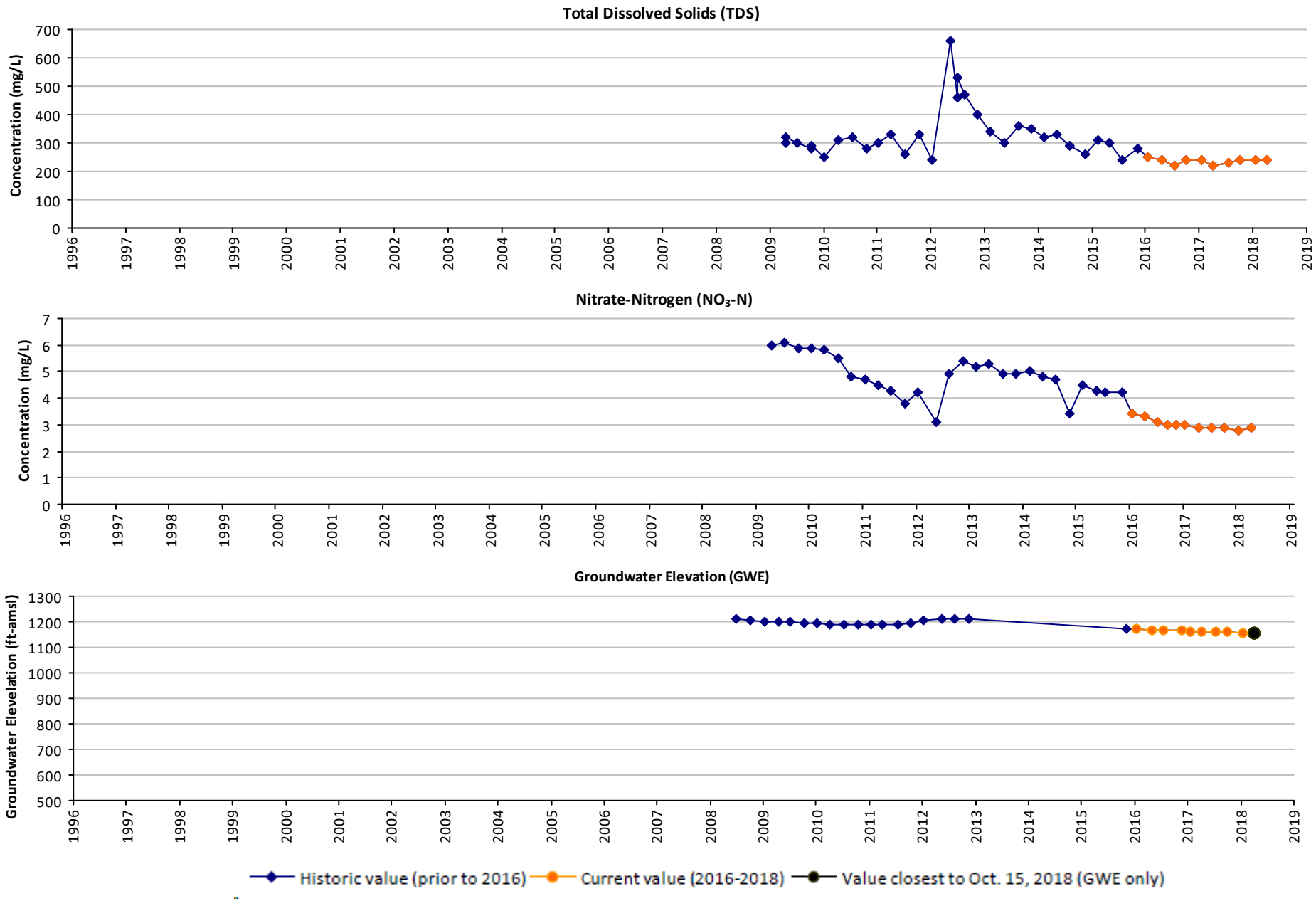
Nitrate-Nitrogen (NO_3-N)

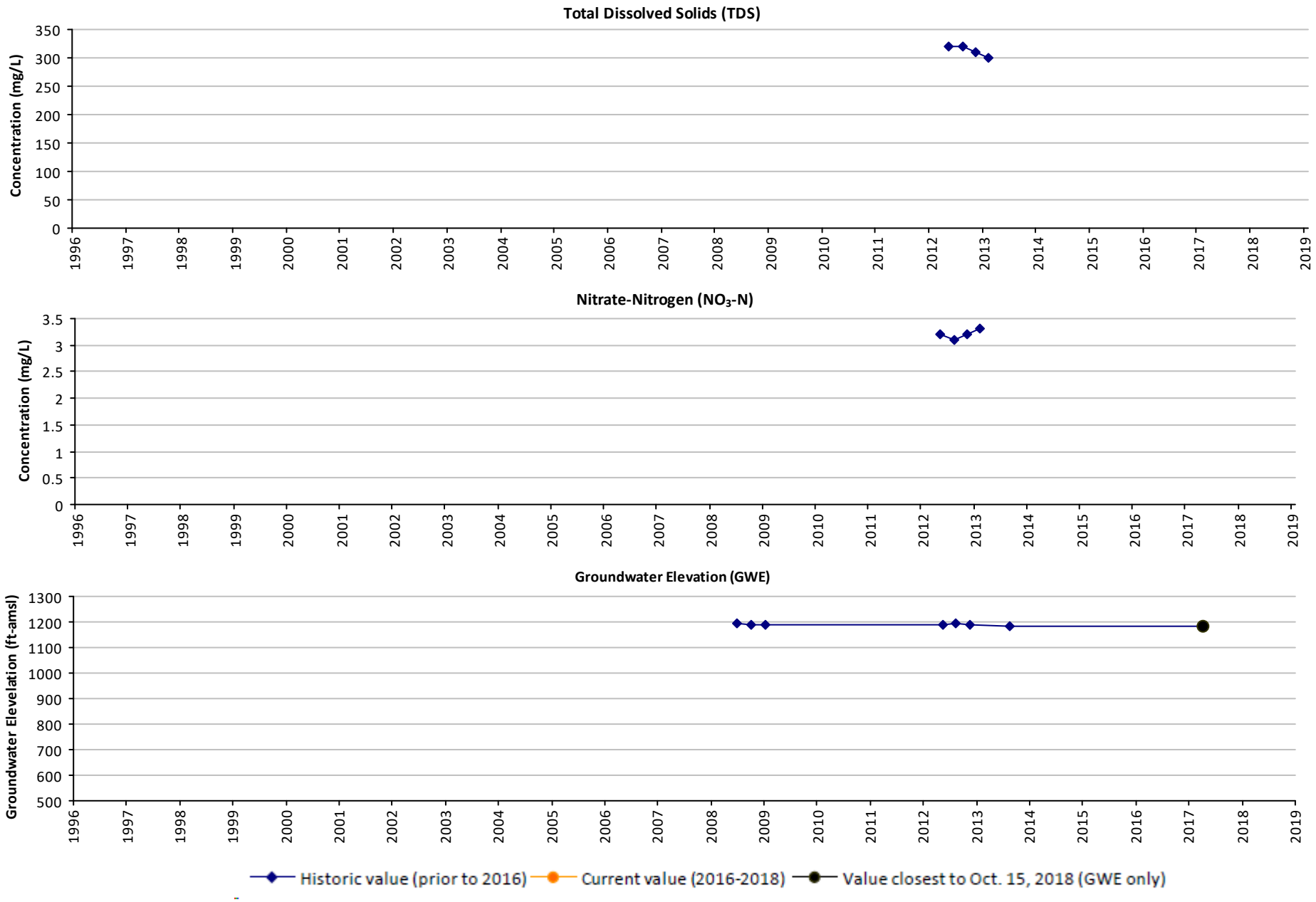


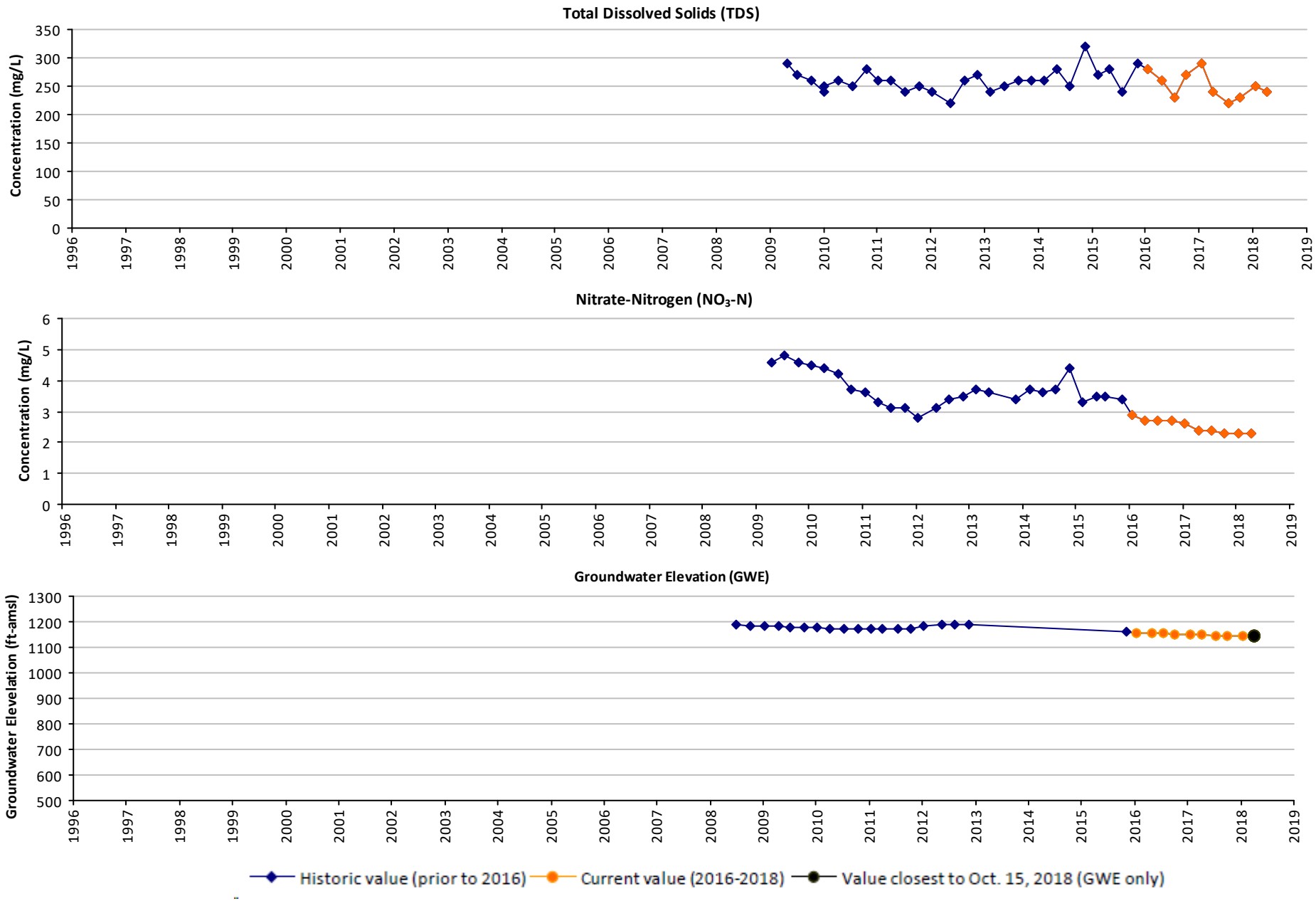
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

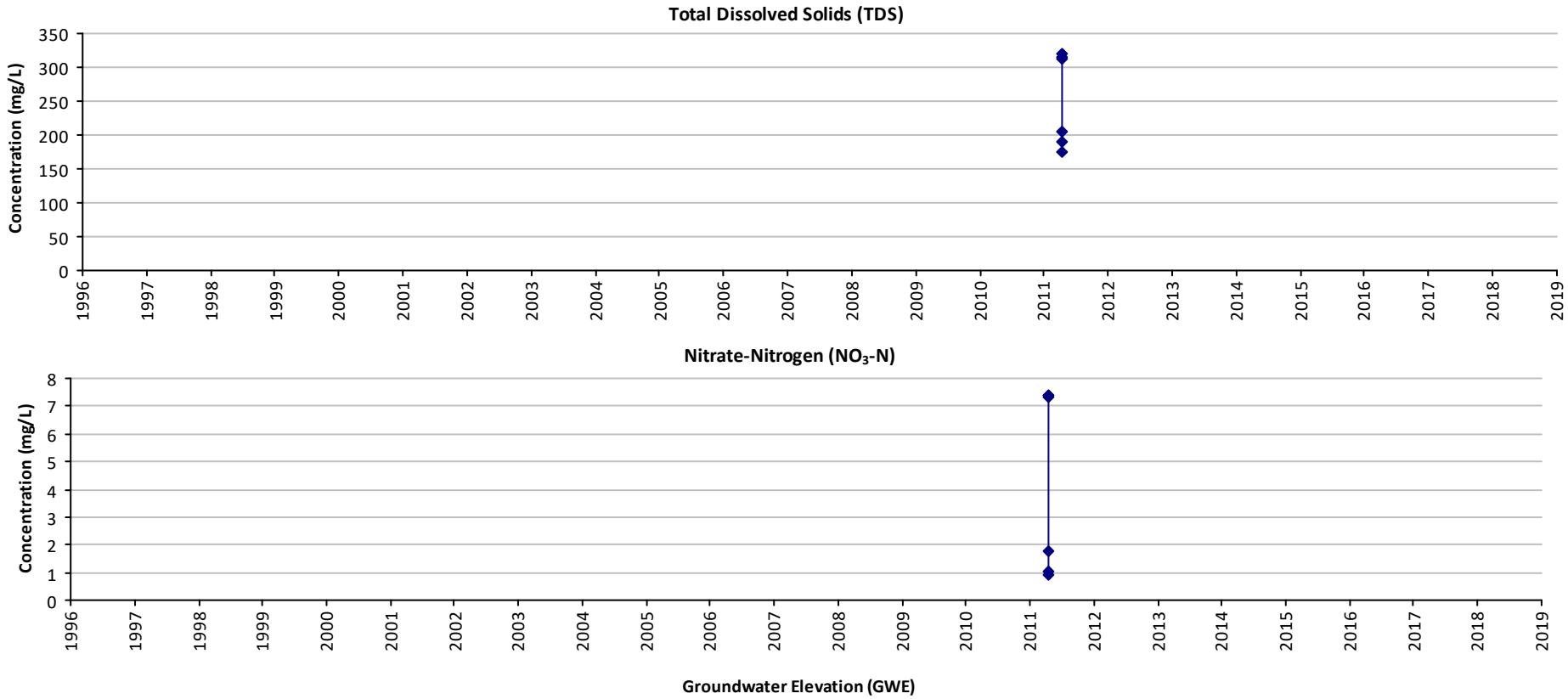

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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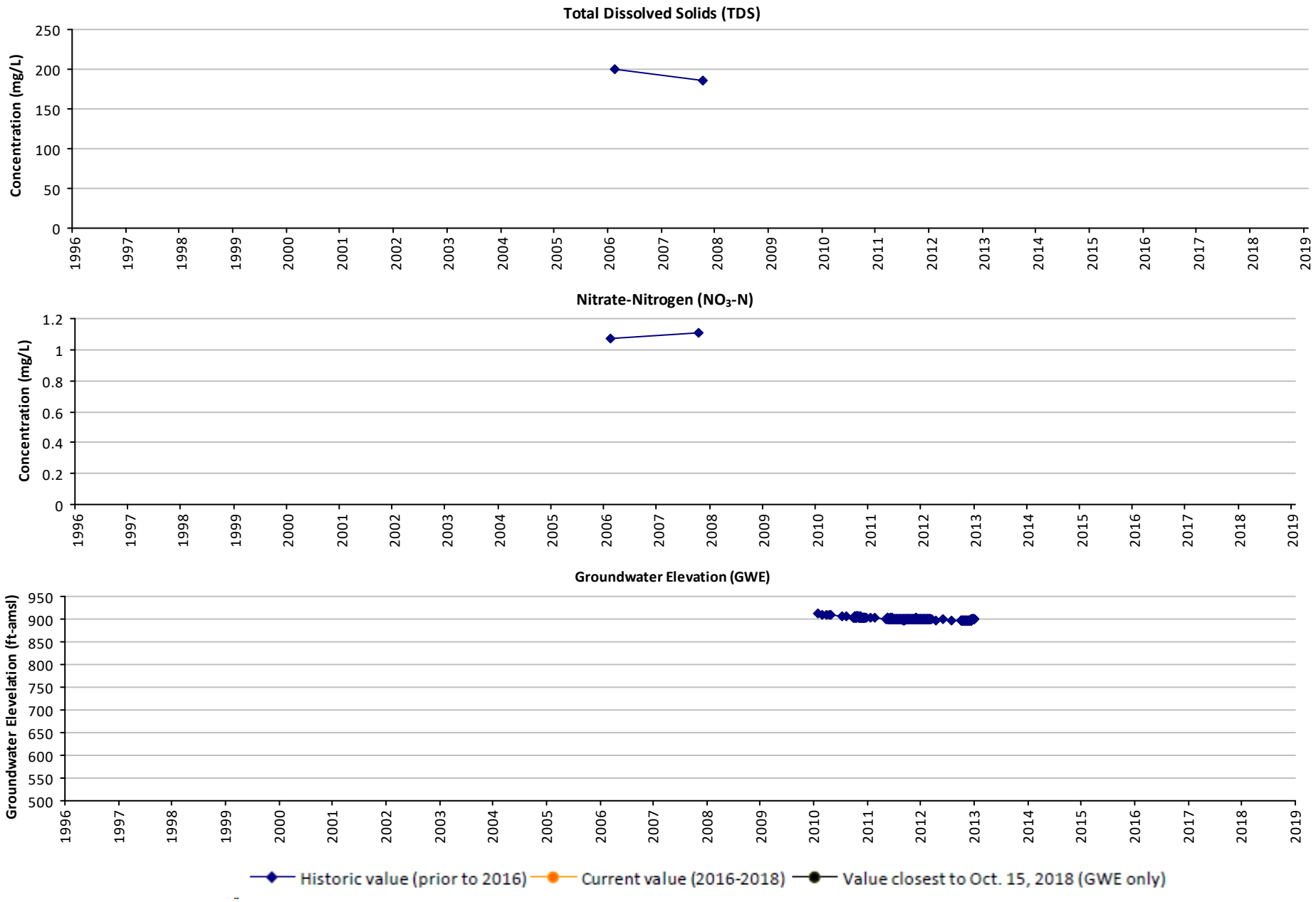
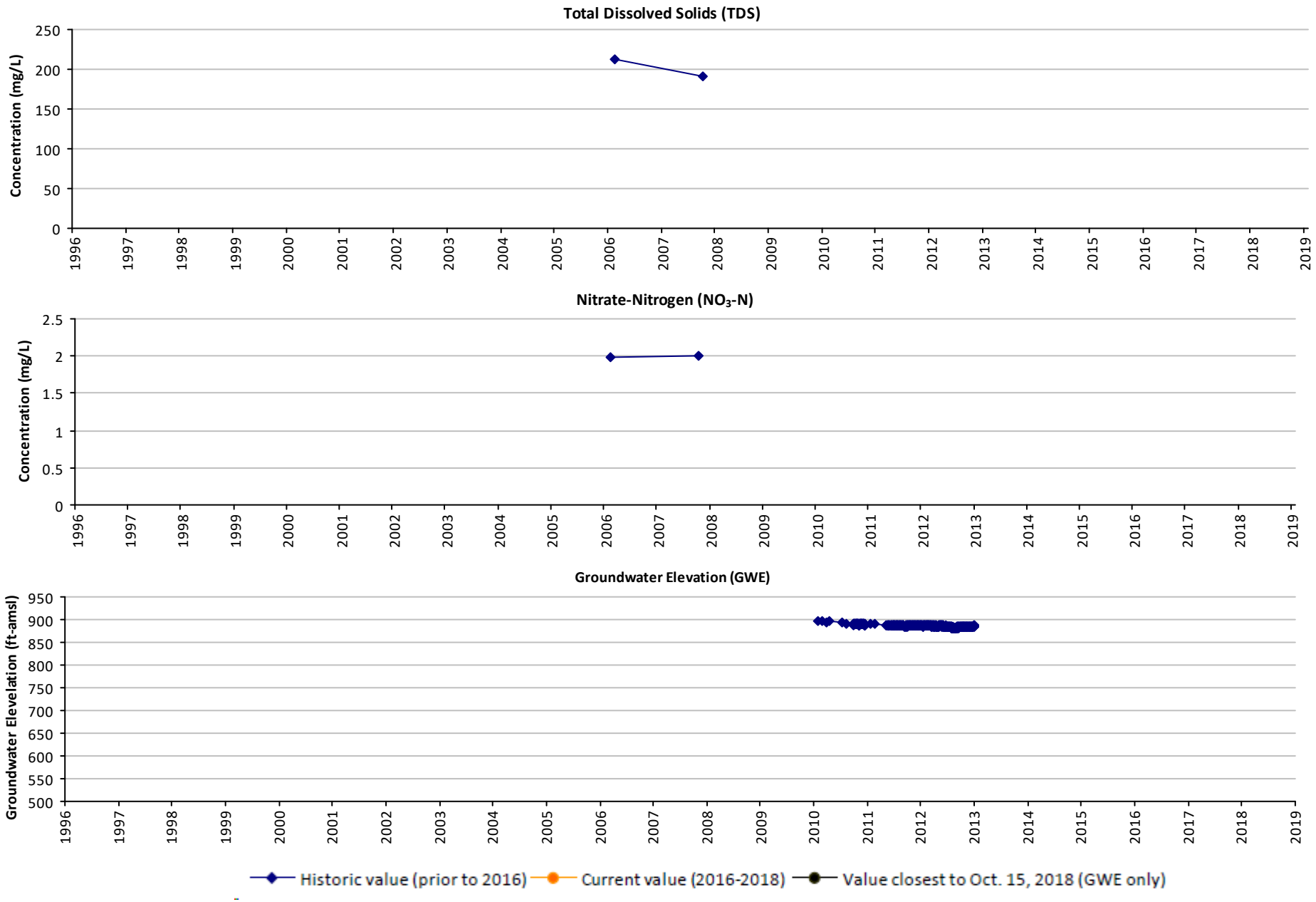
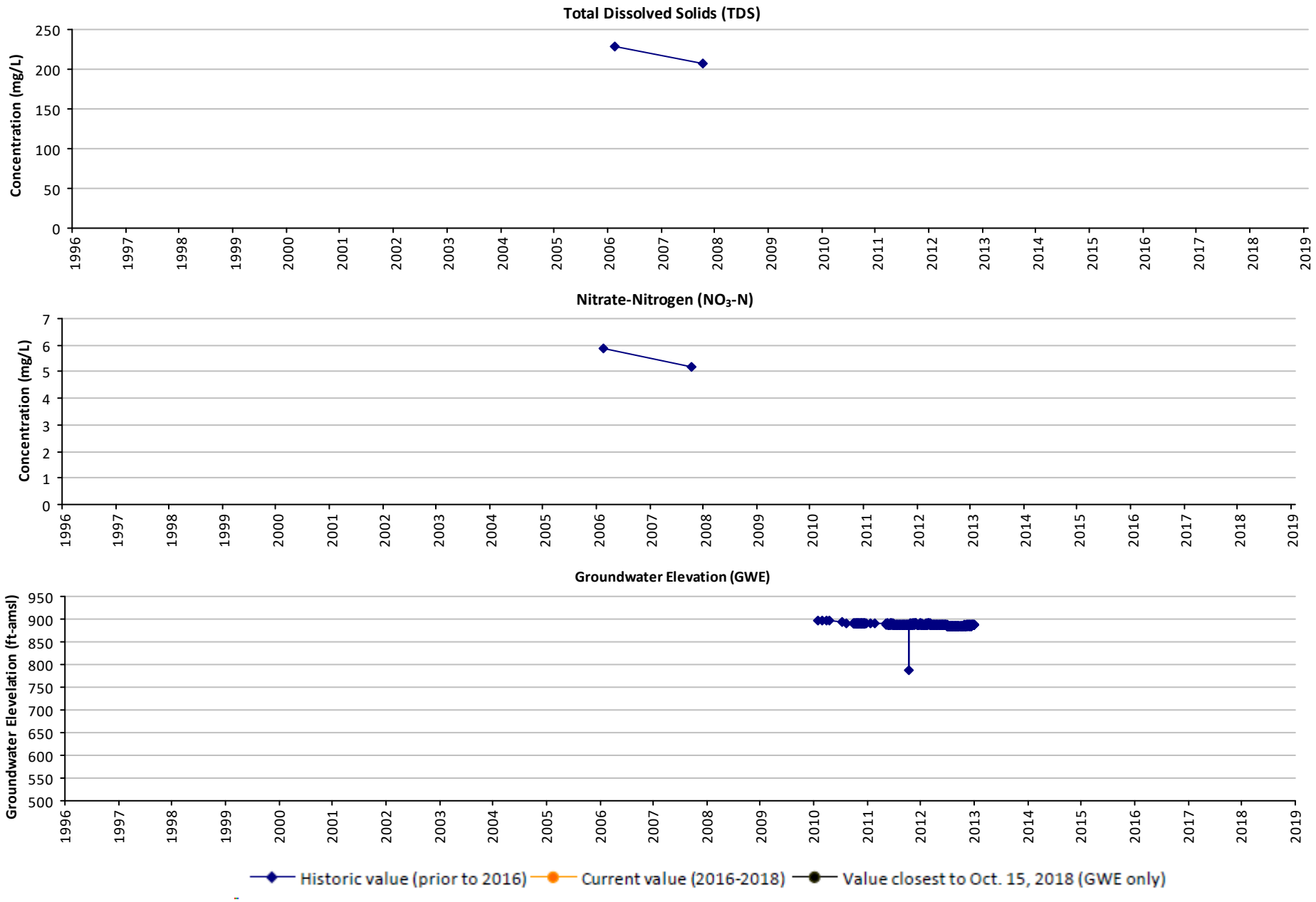
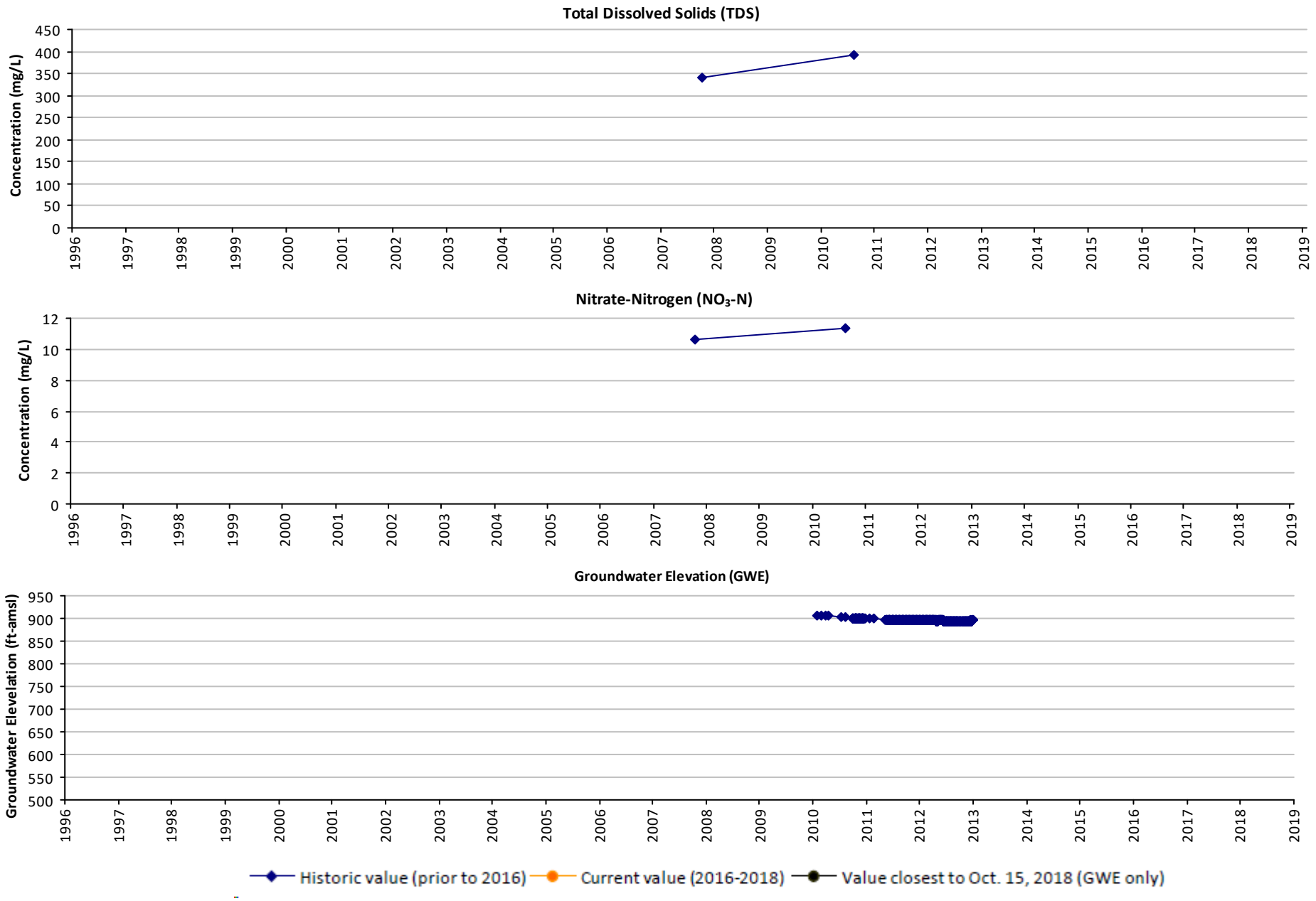
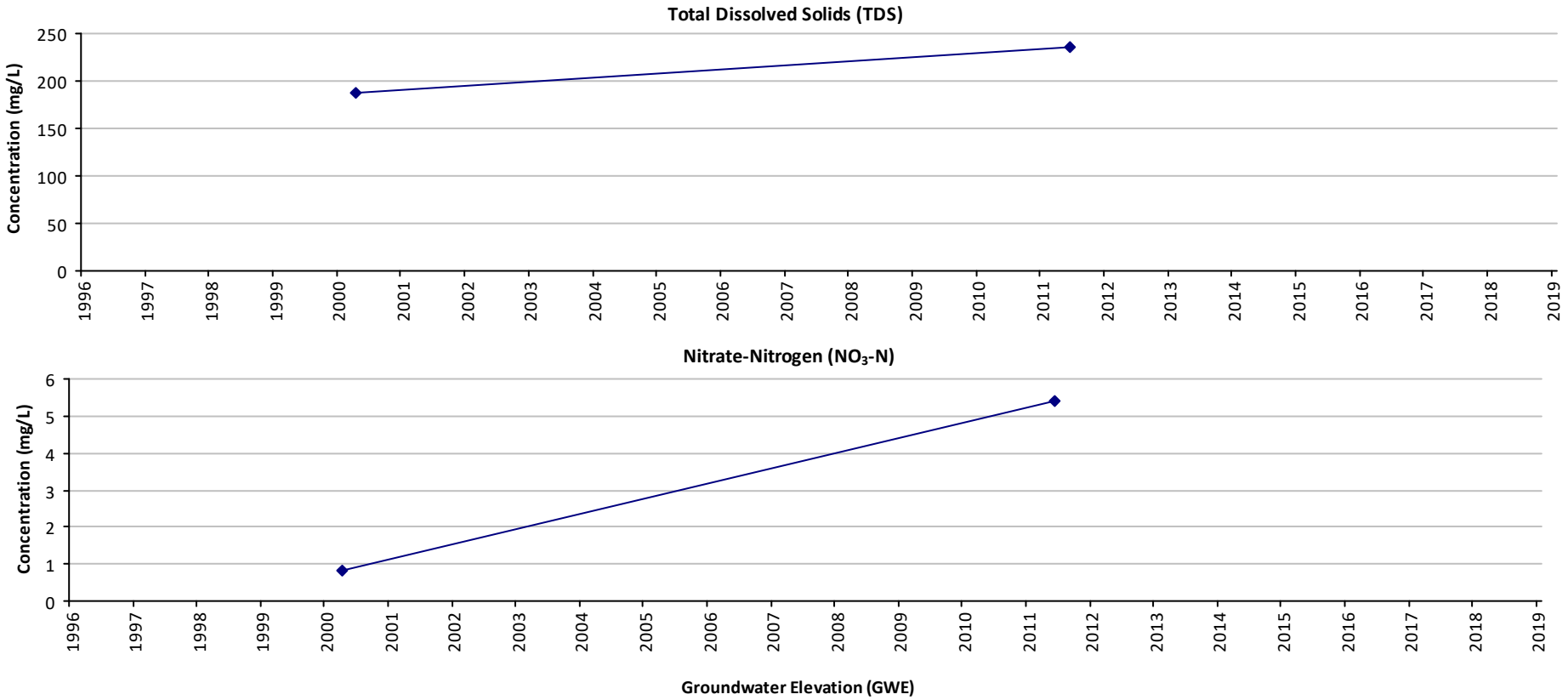
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
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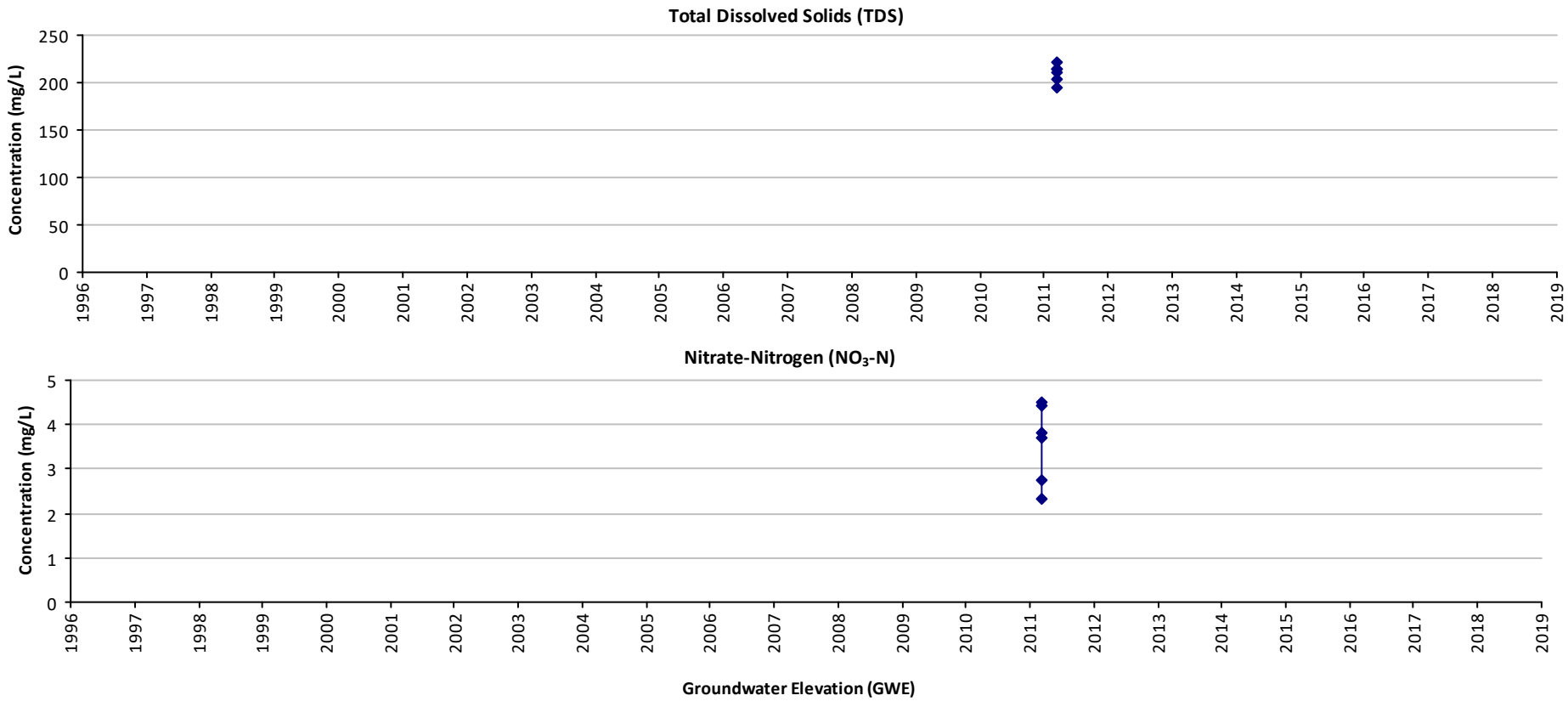
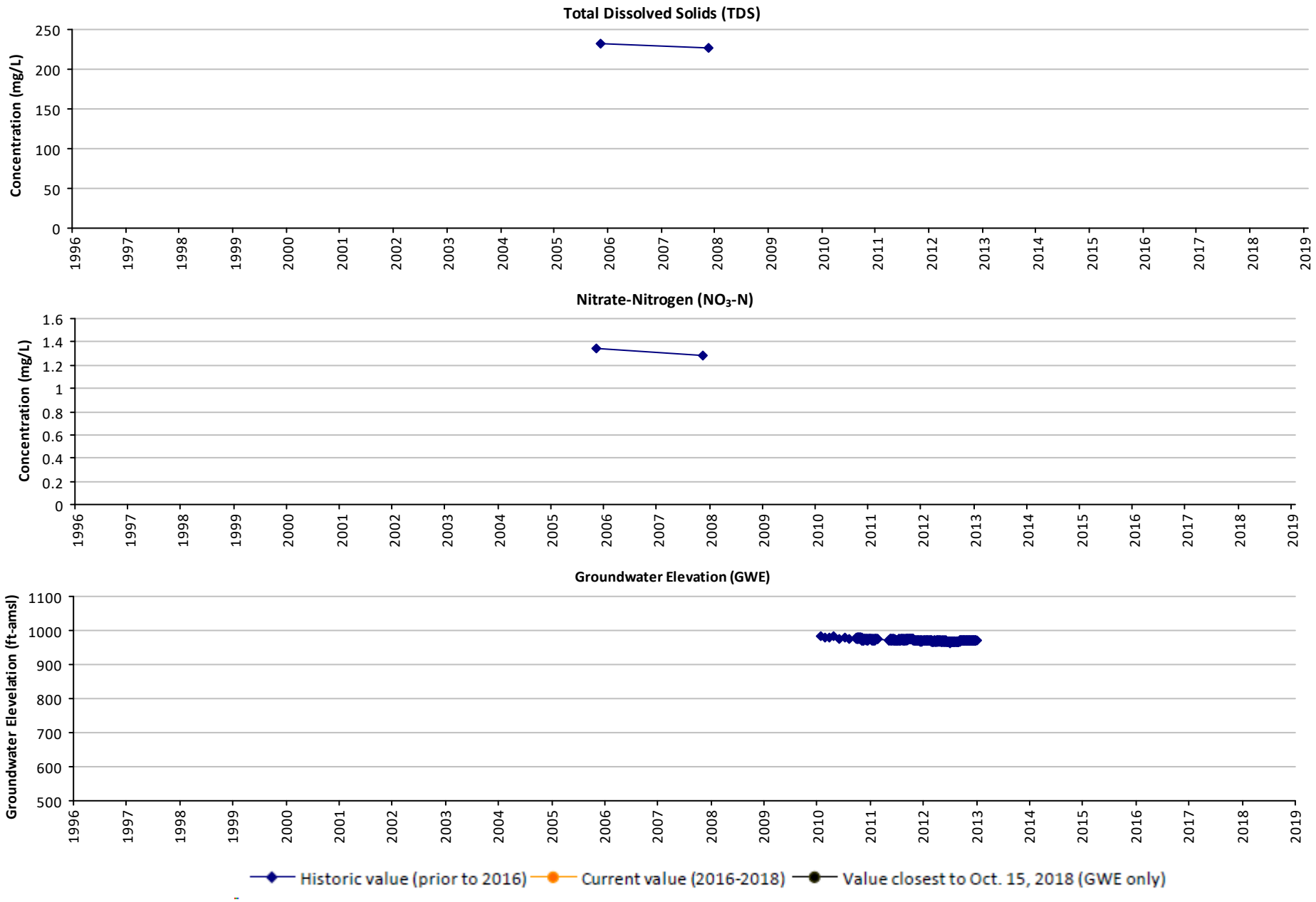
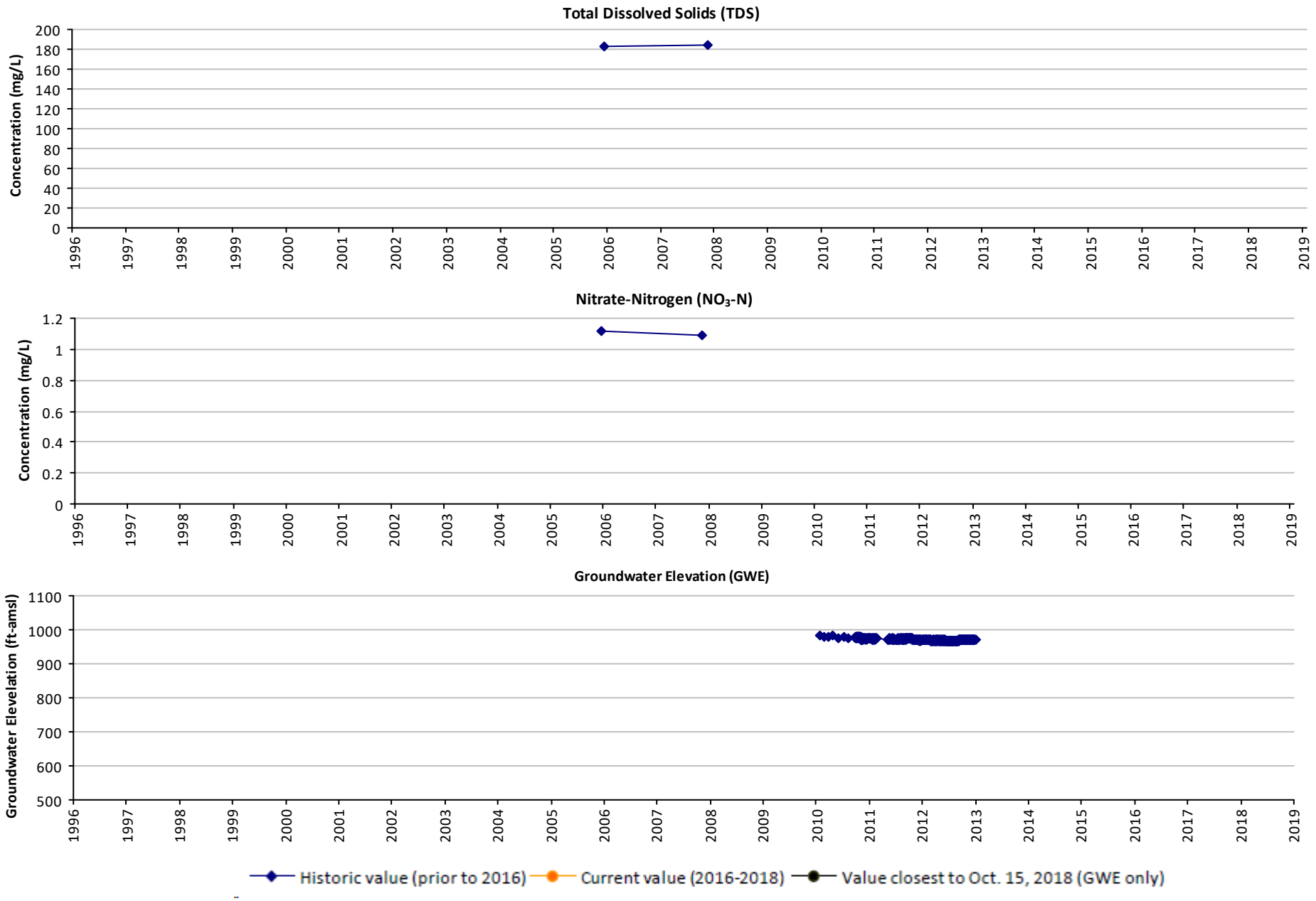
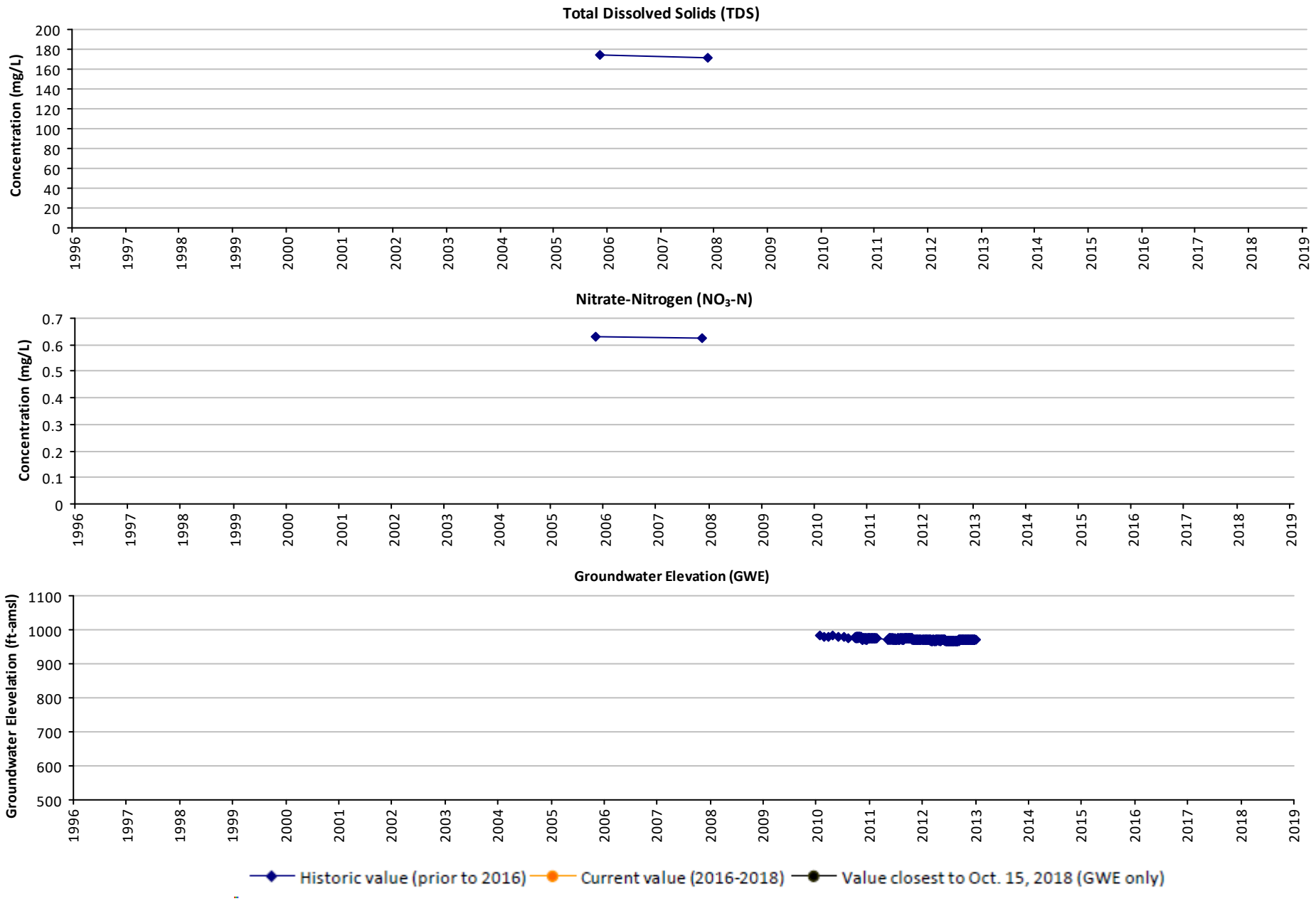
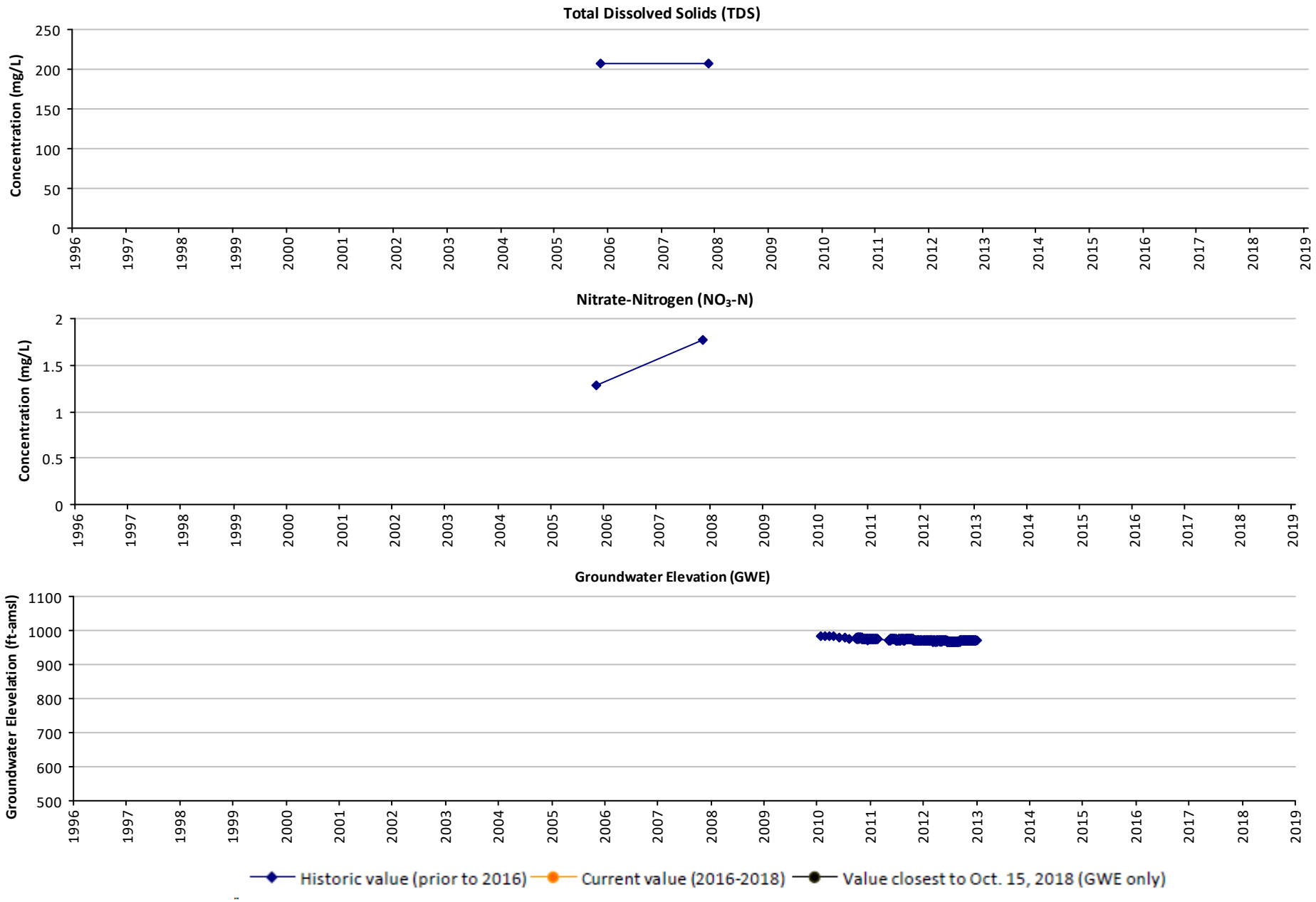
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

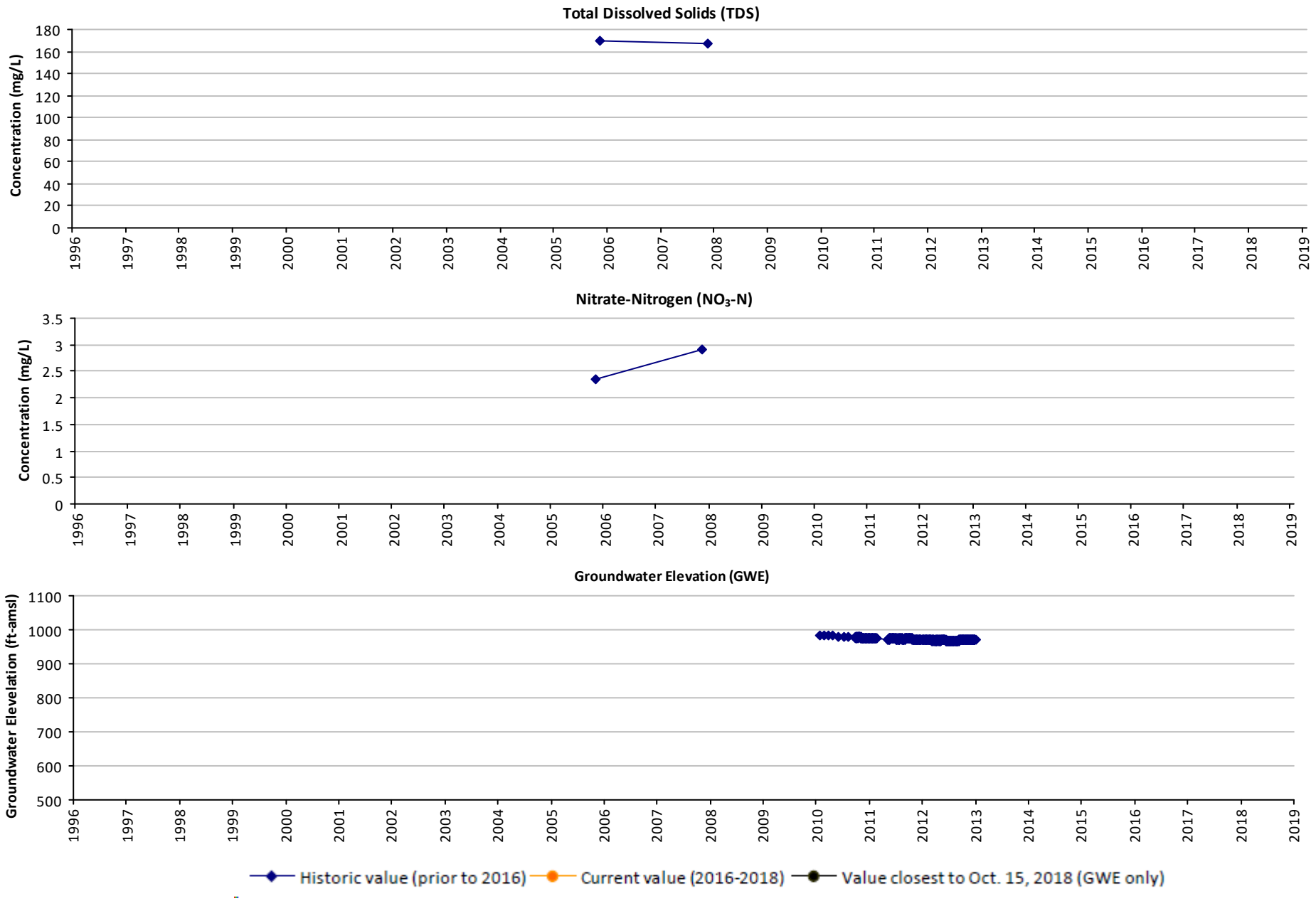

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

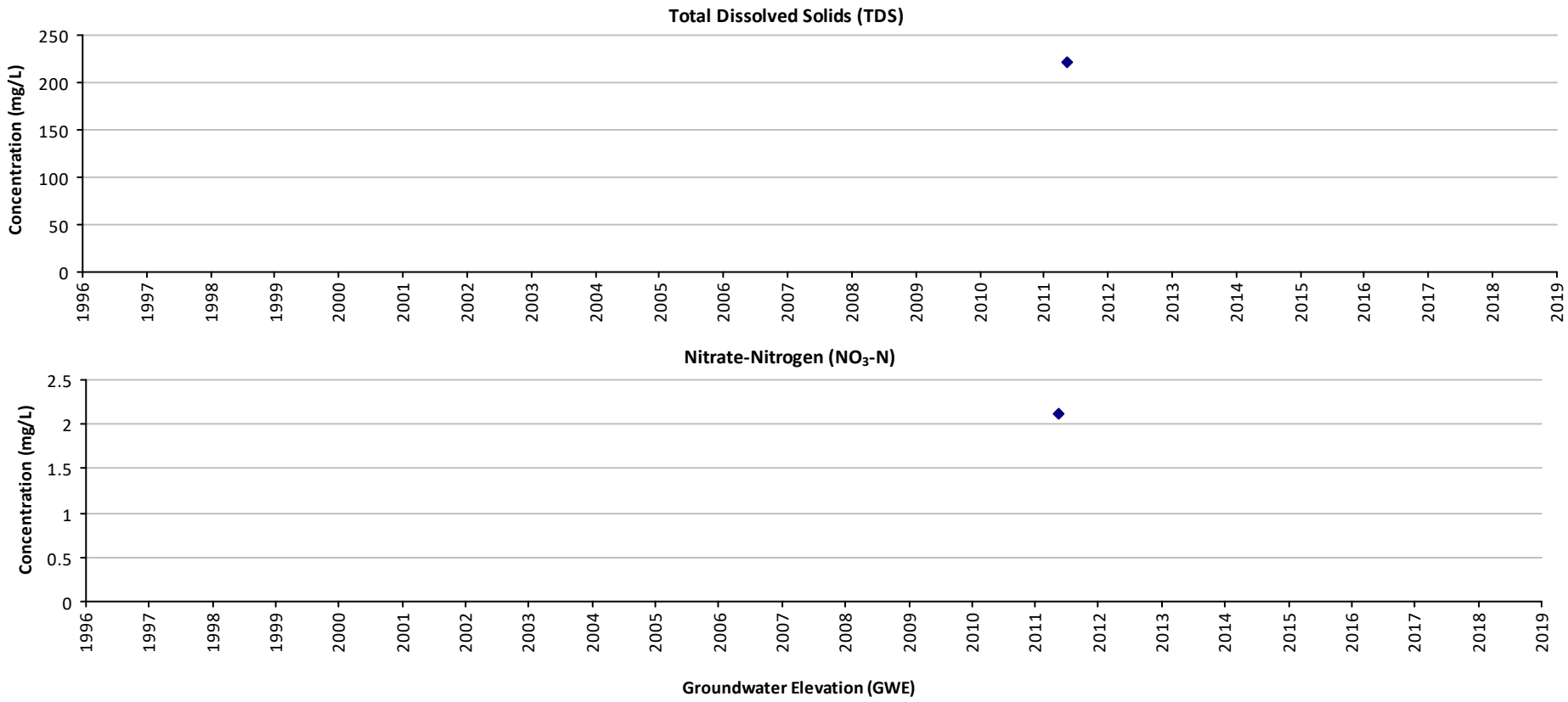

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

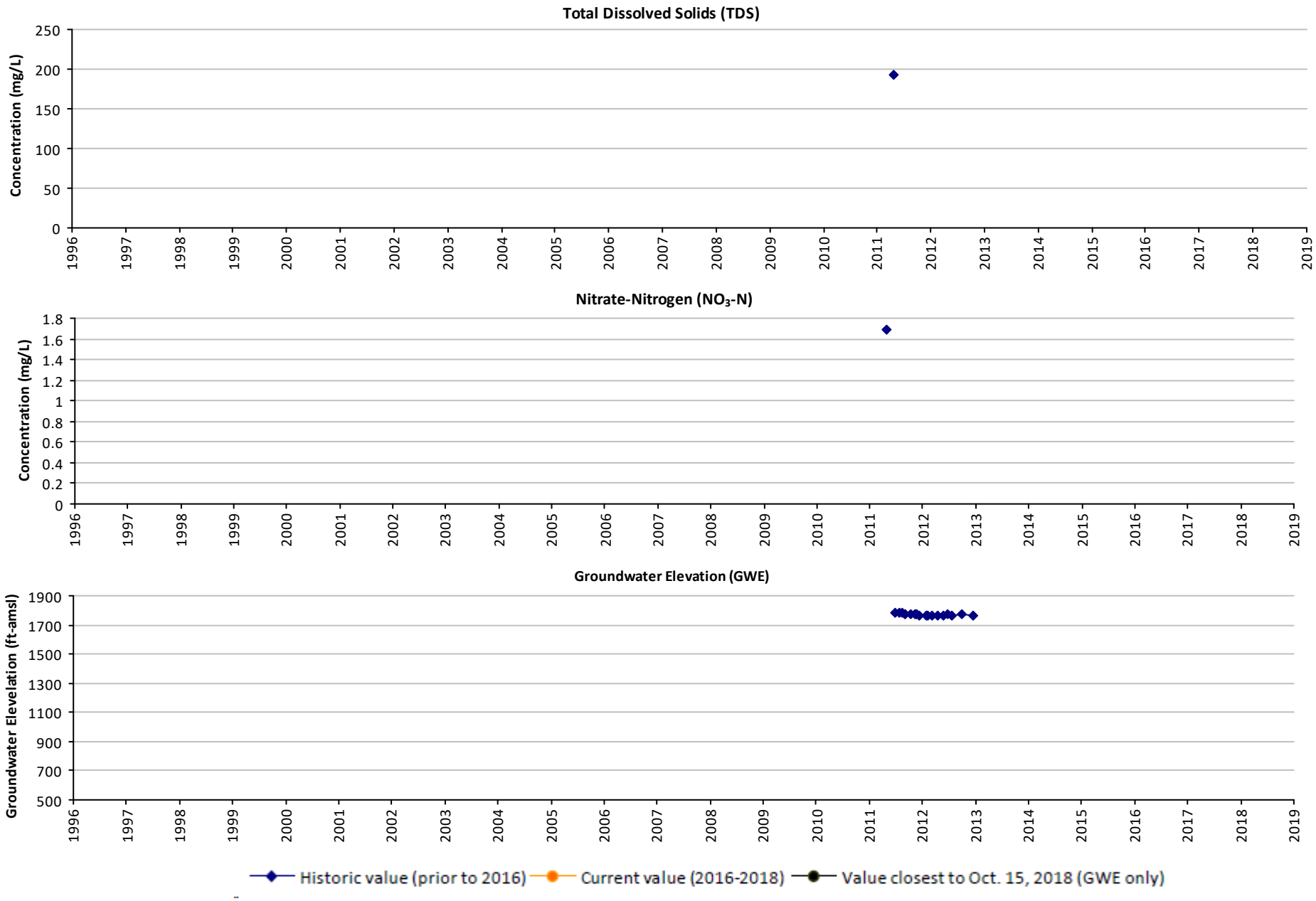

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

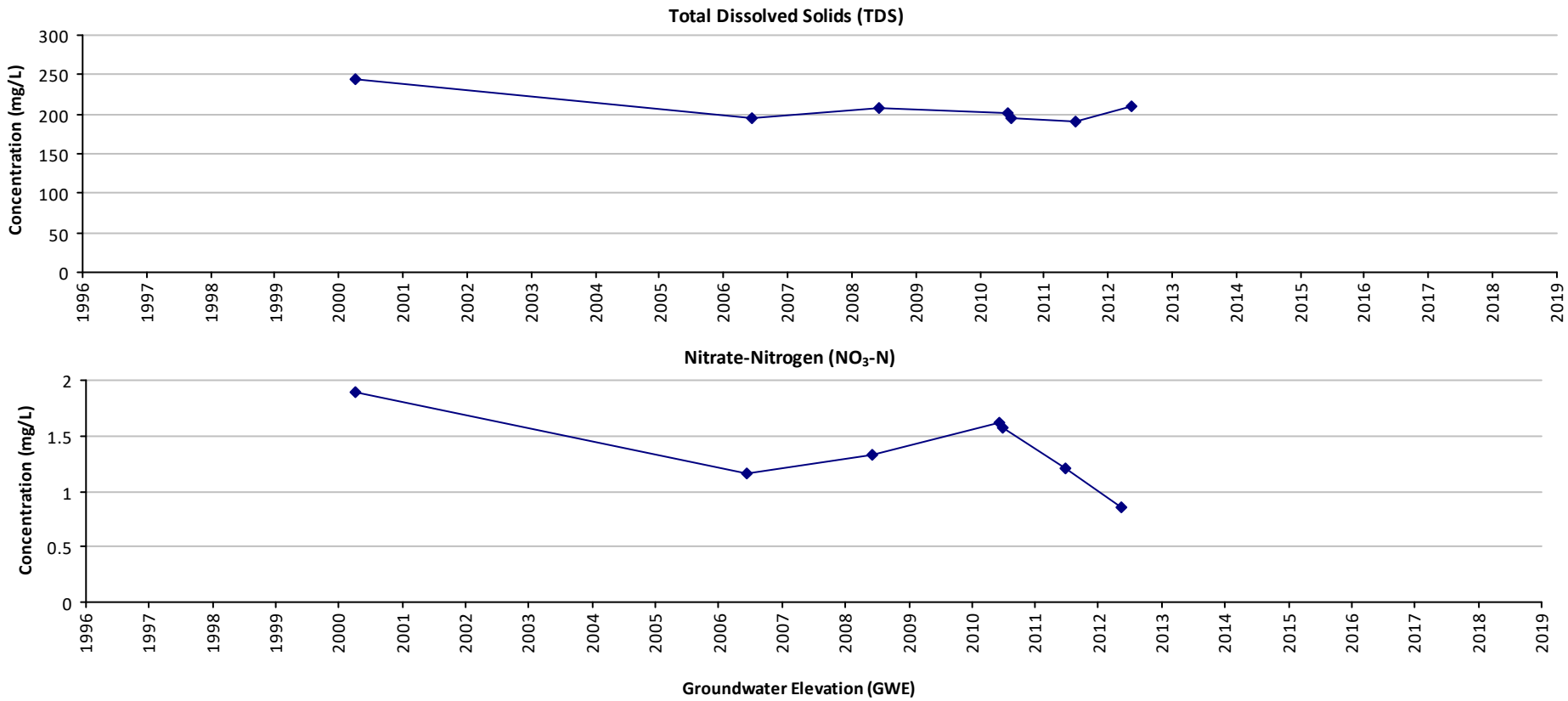

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

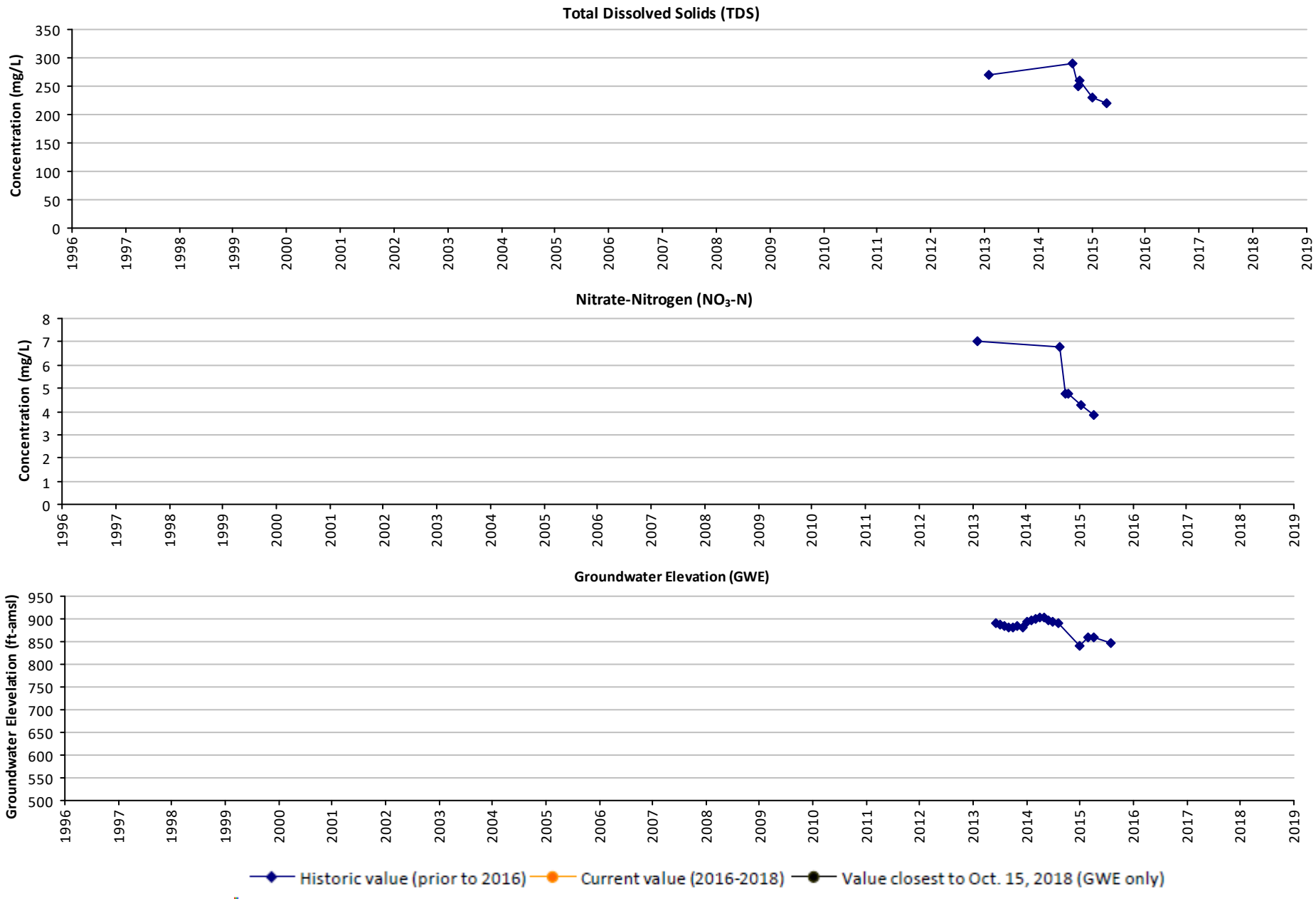

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

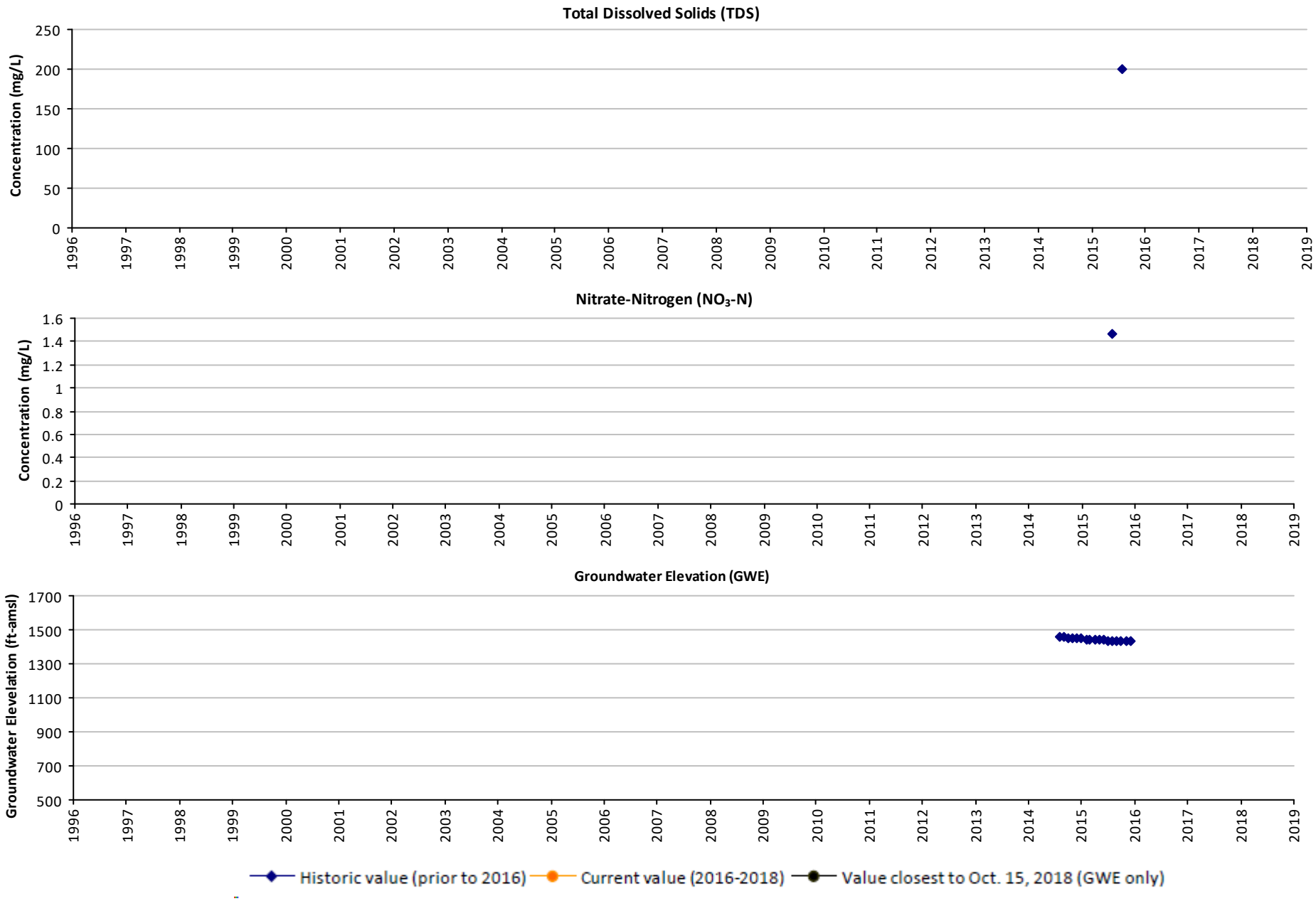

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

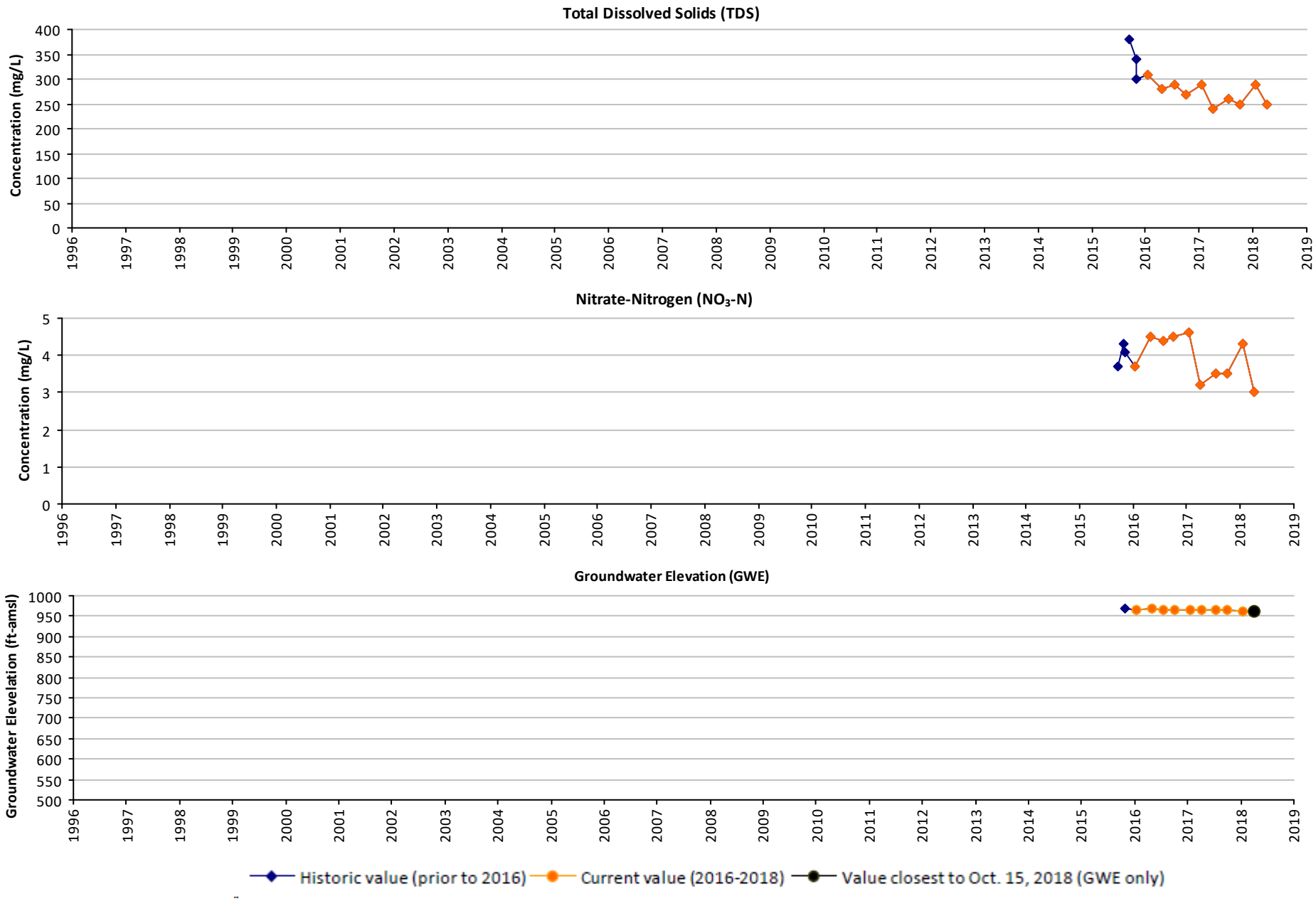

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

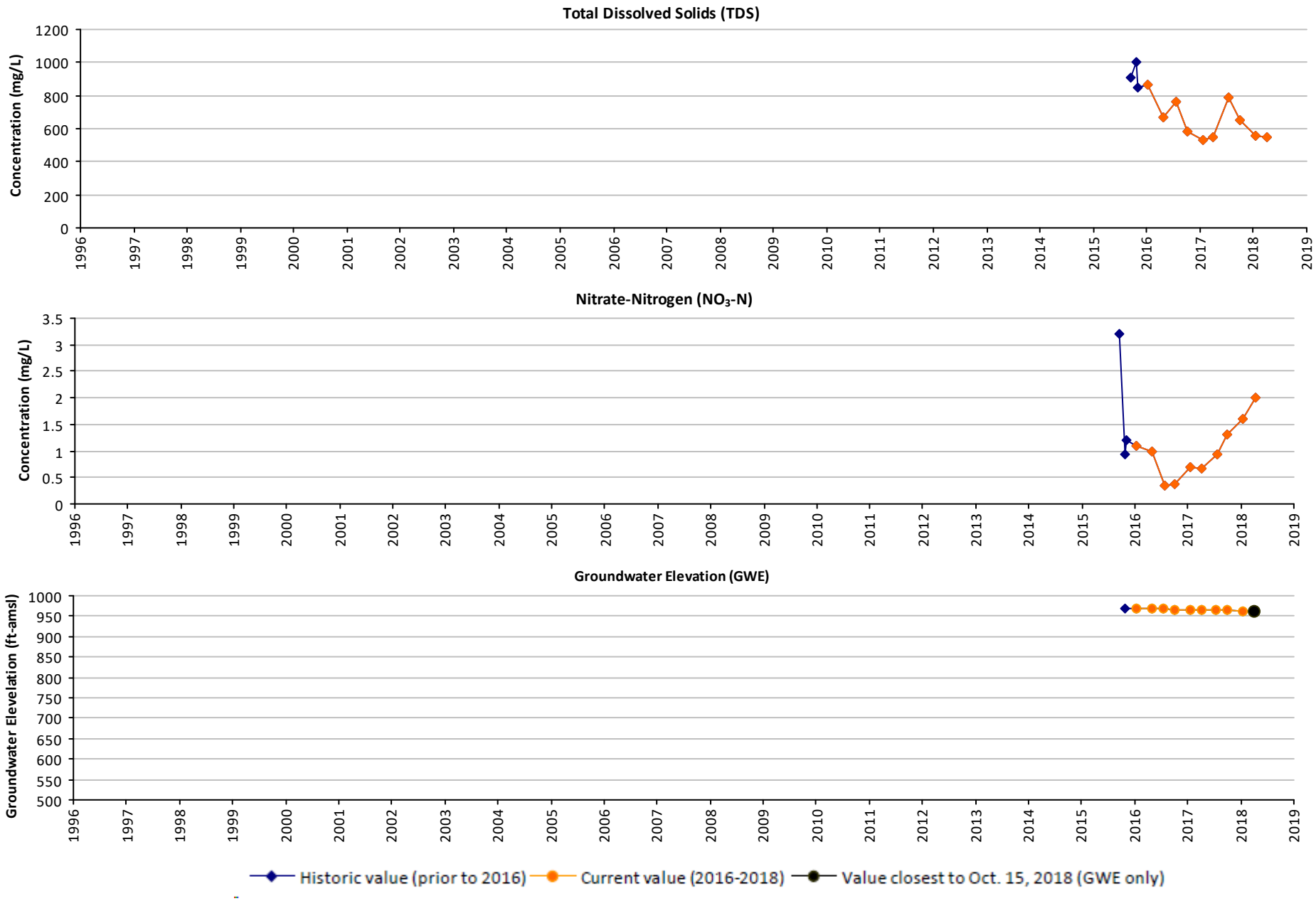

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1900
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

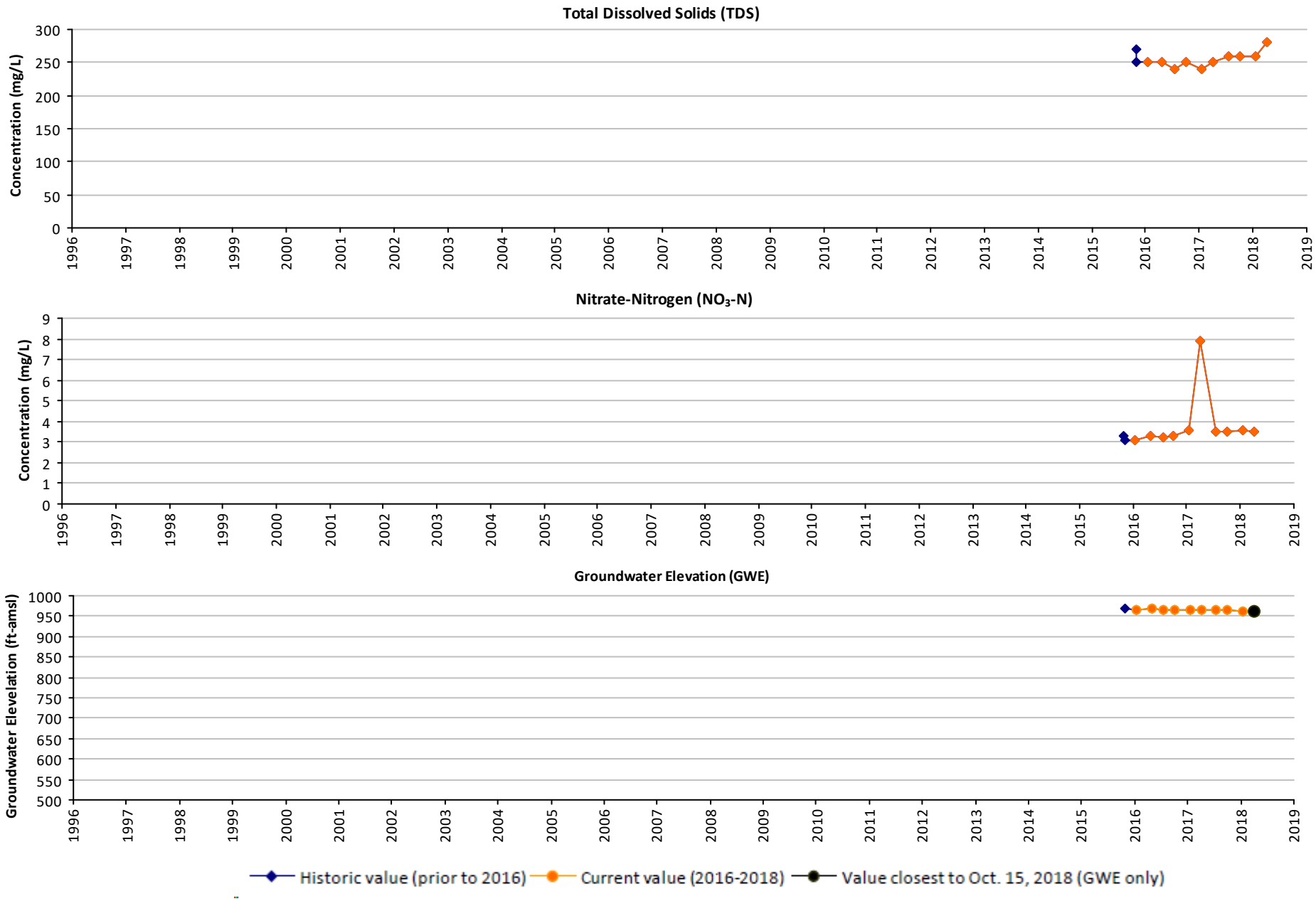

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

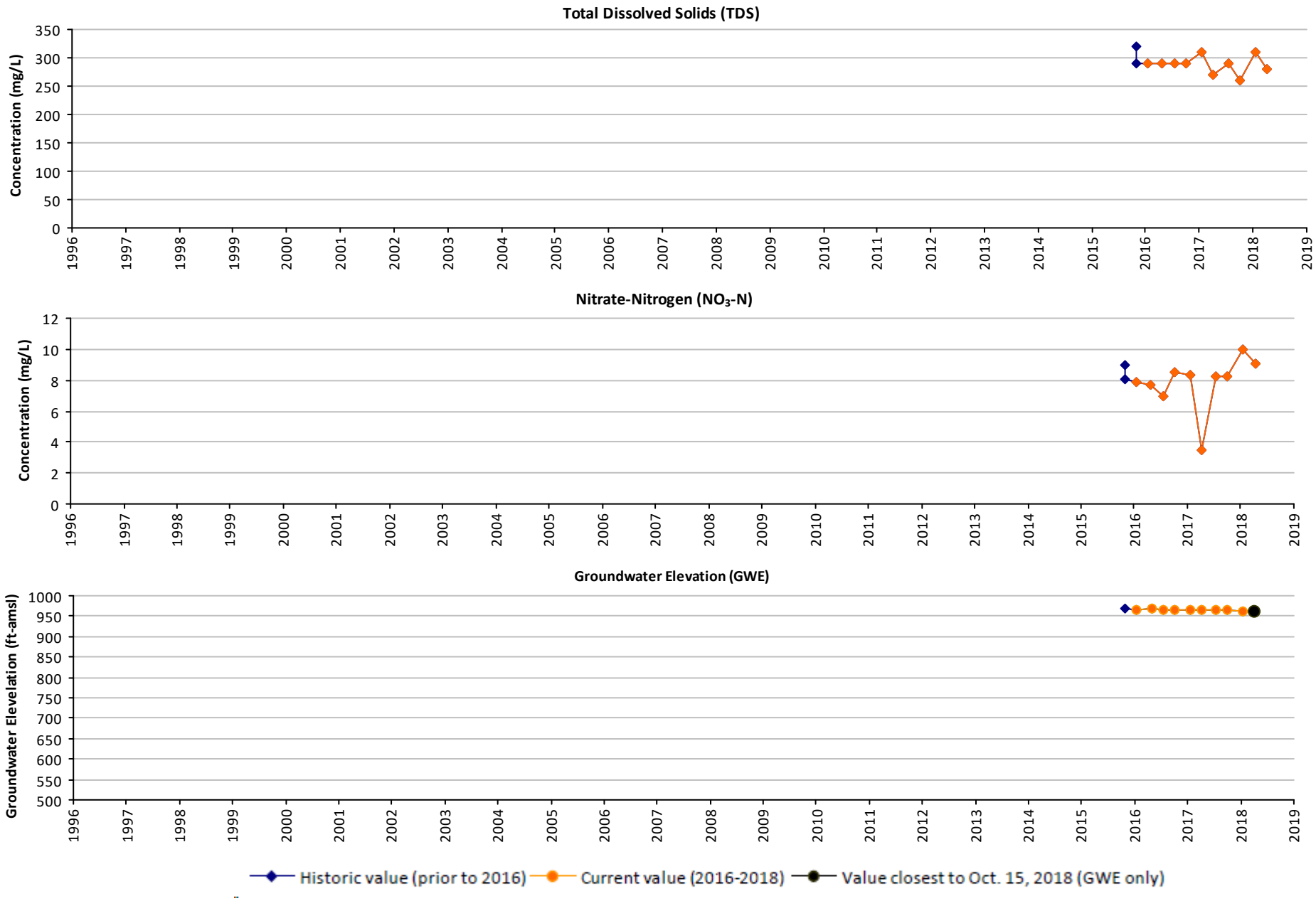

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

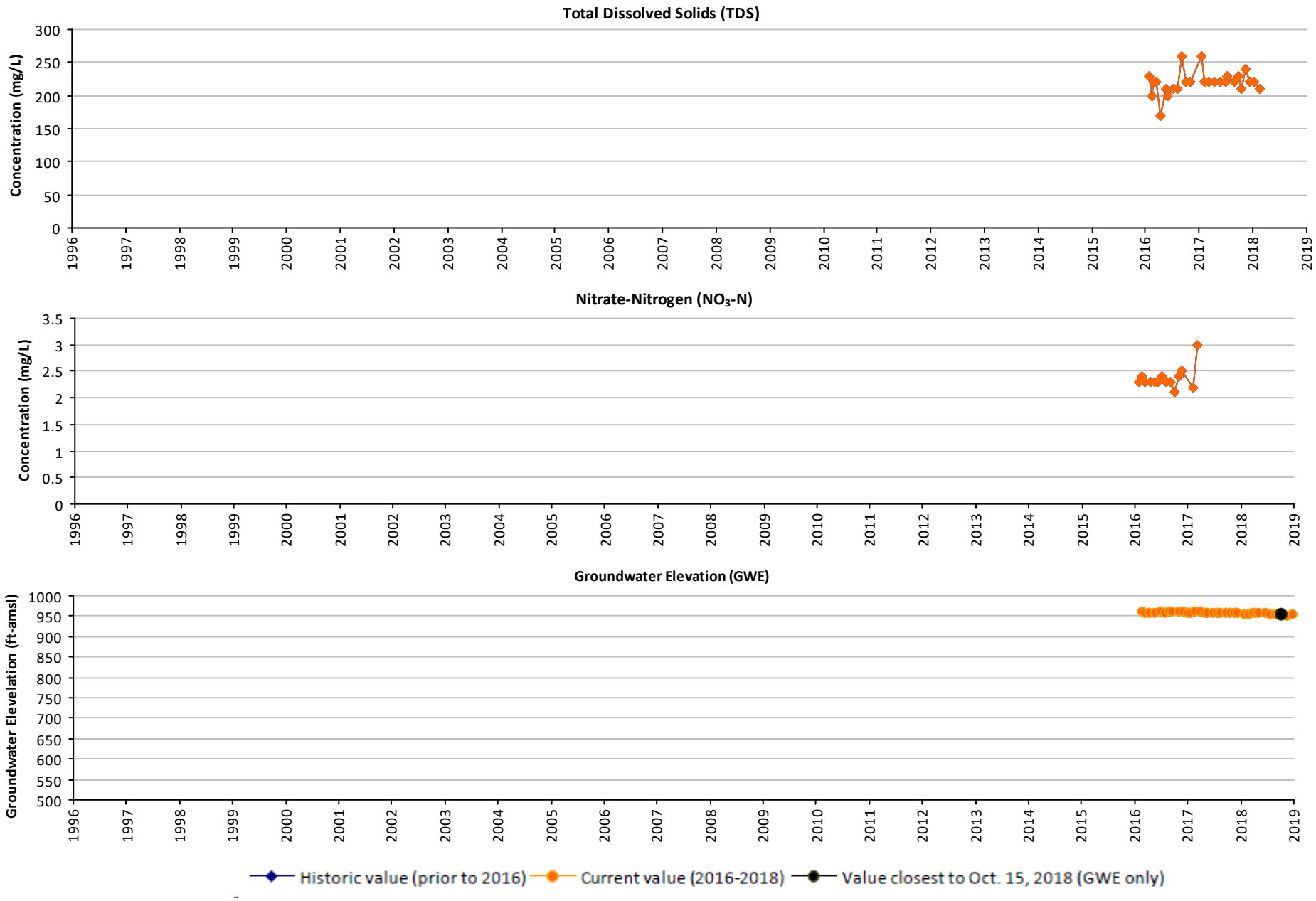

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

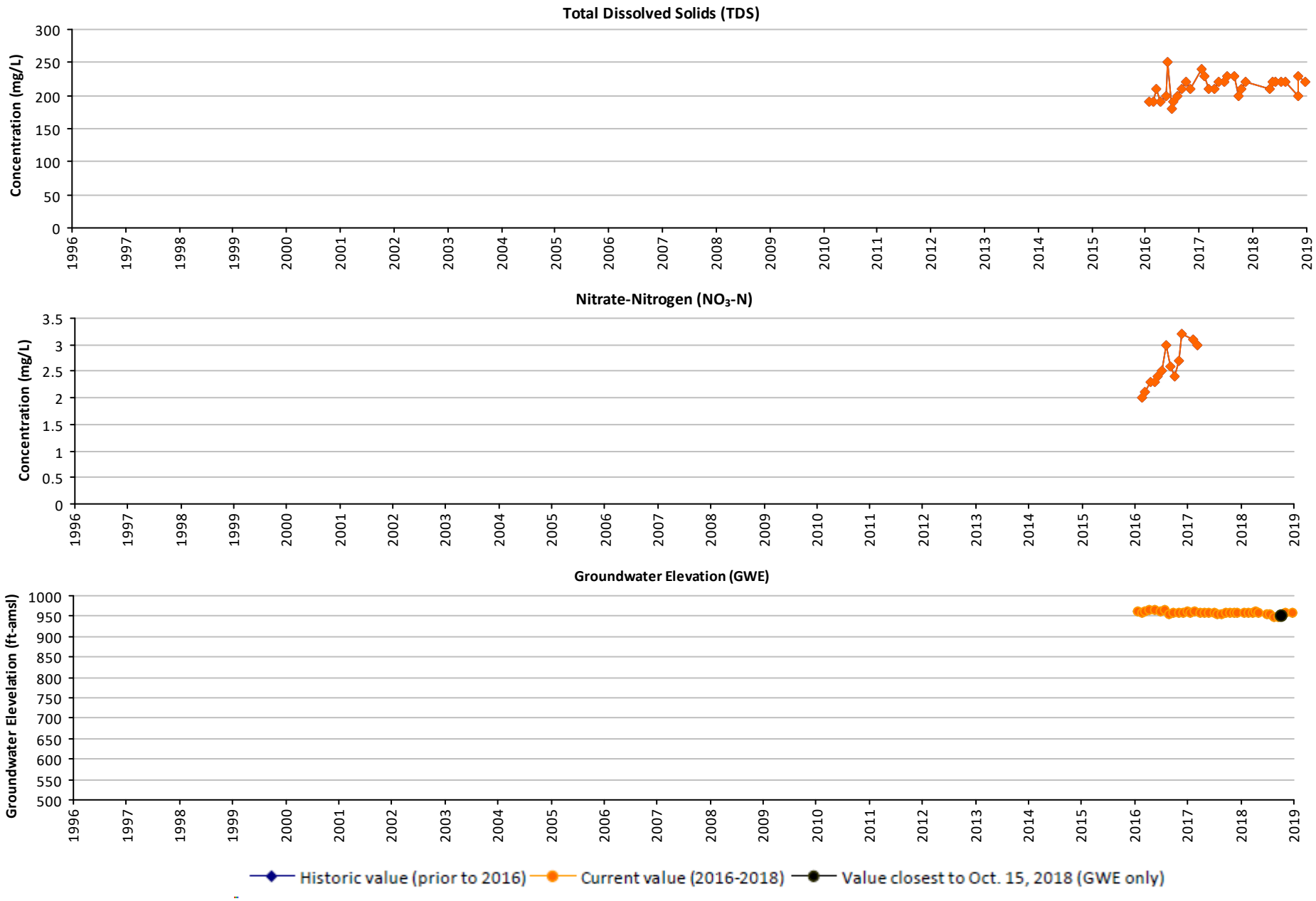

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

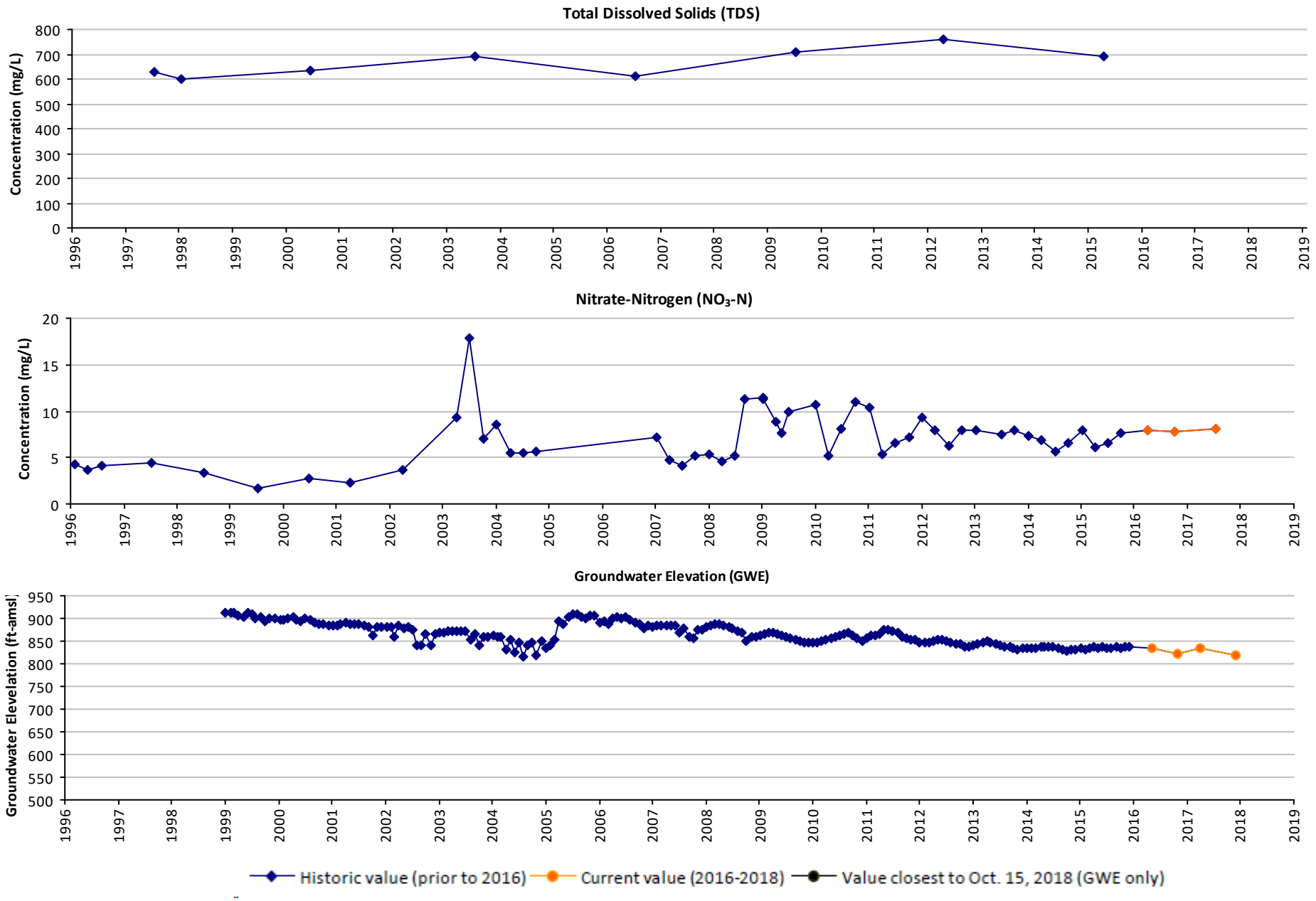

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

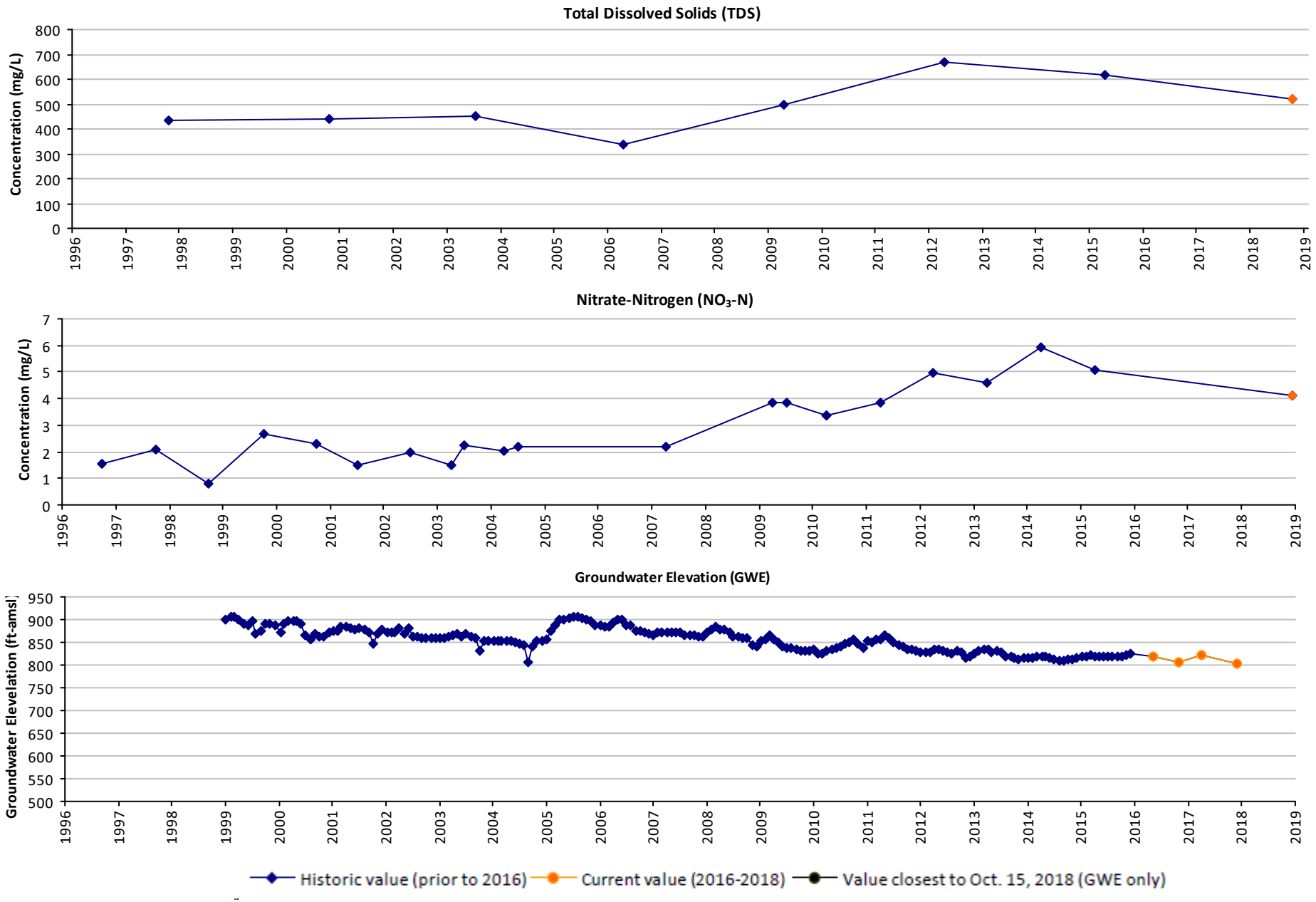

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

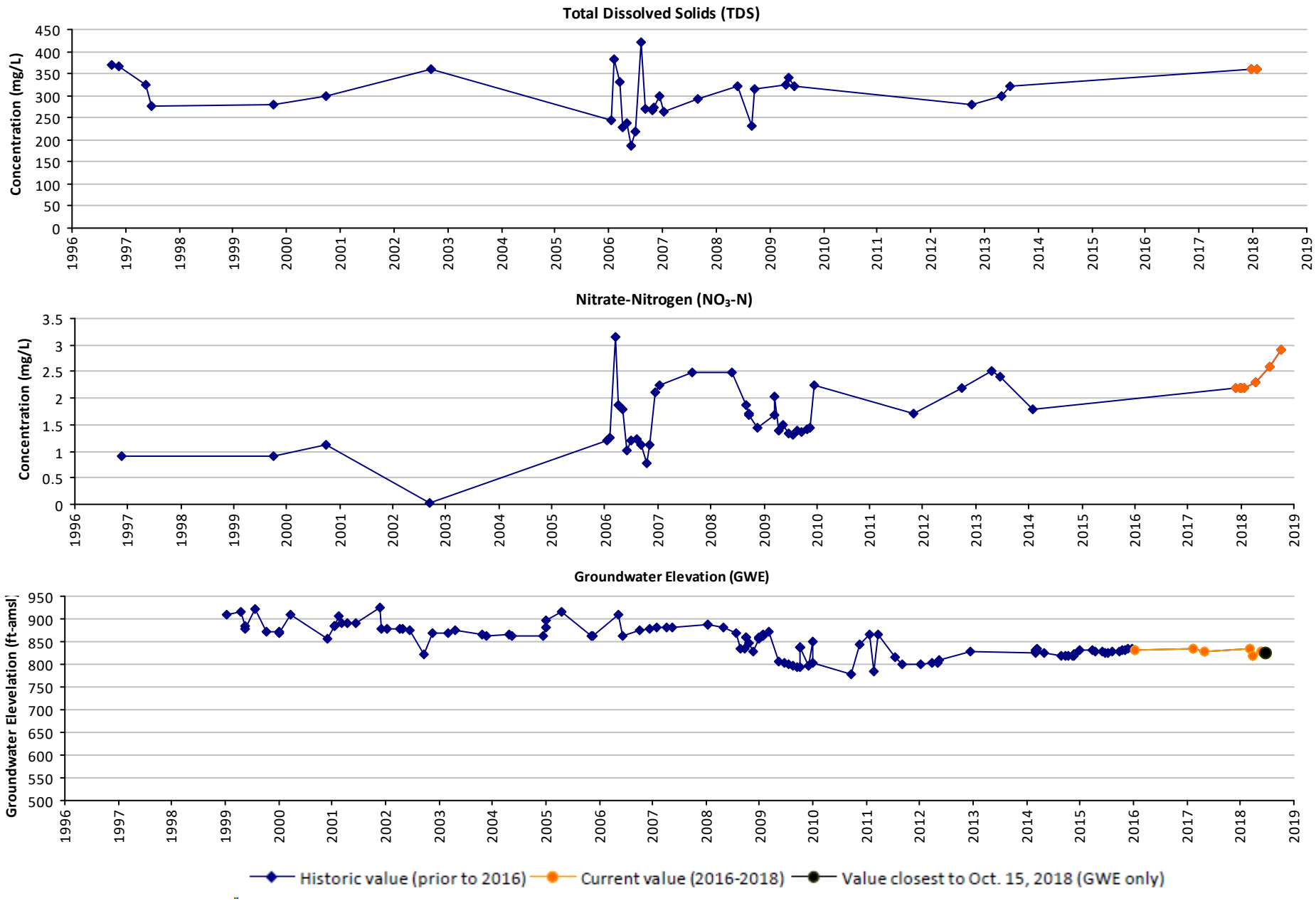

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

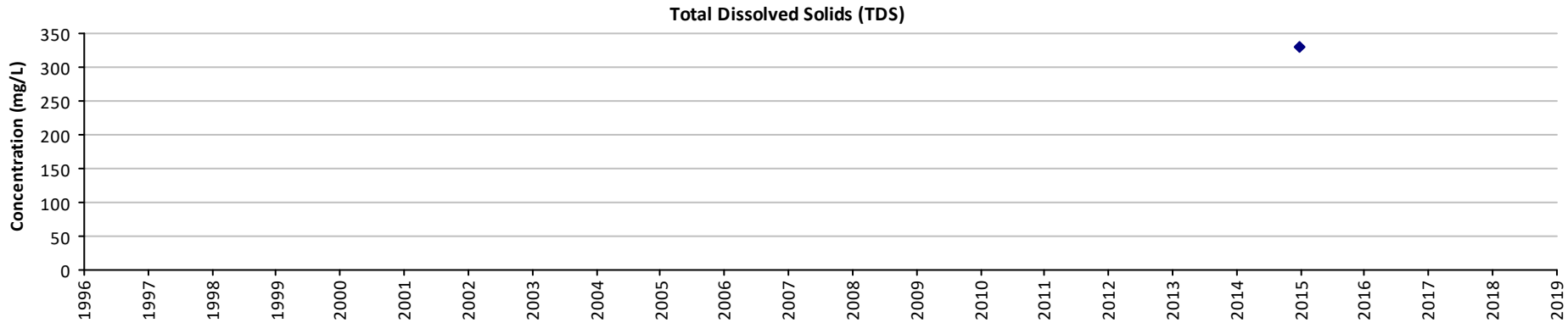

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

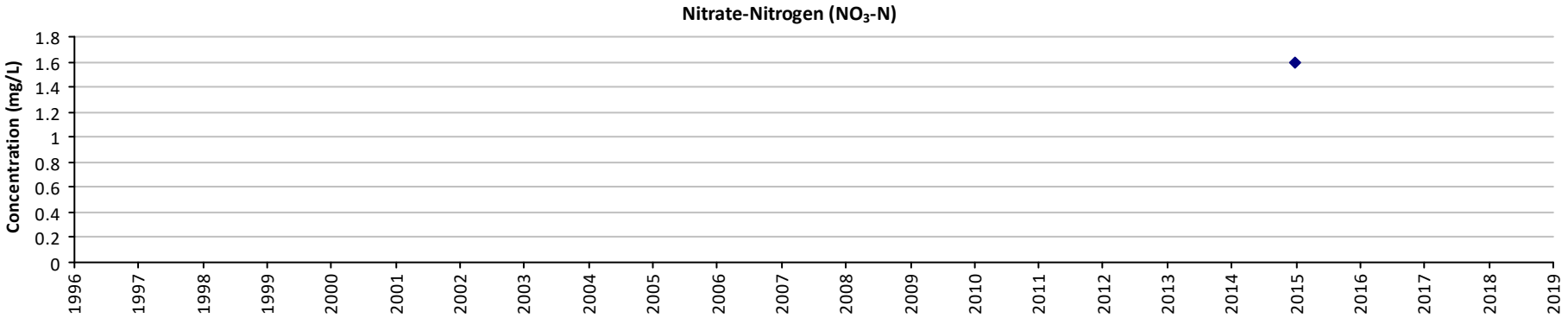

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

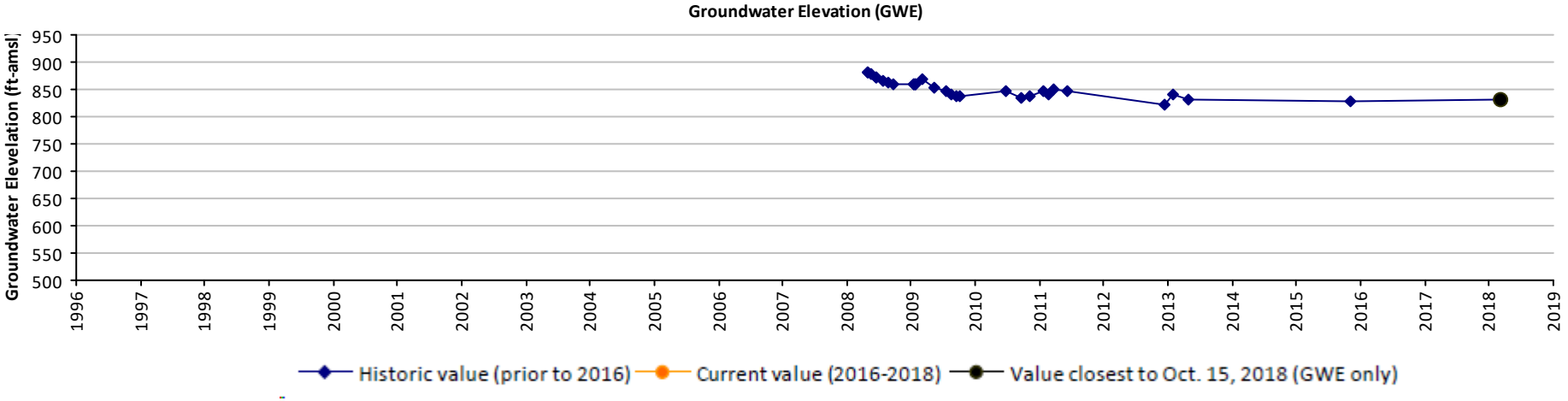

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

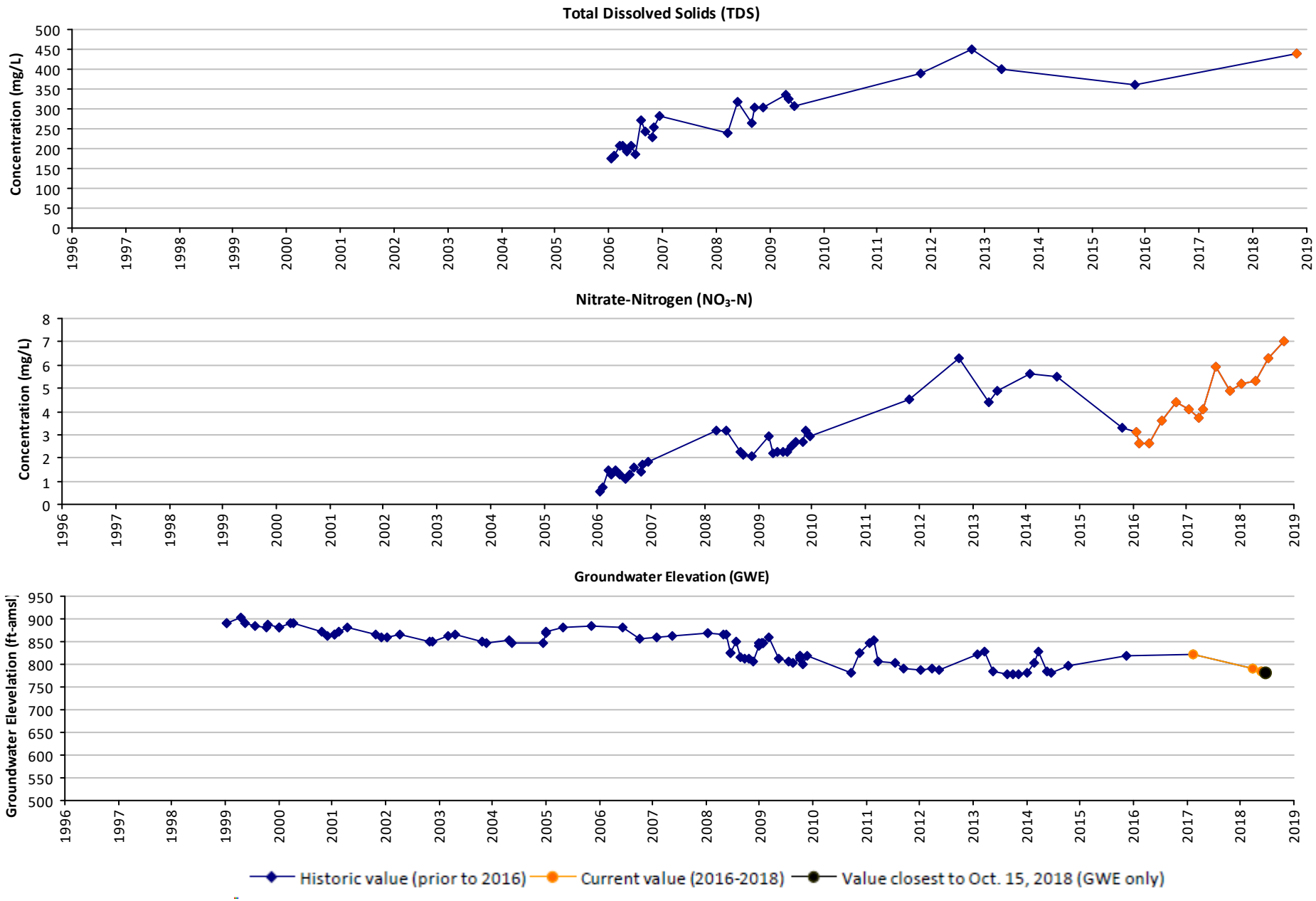

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

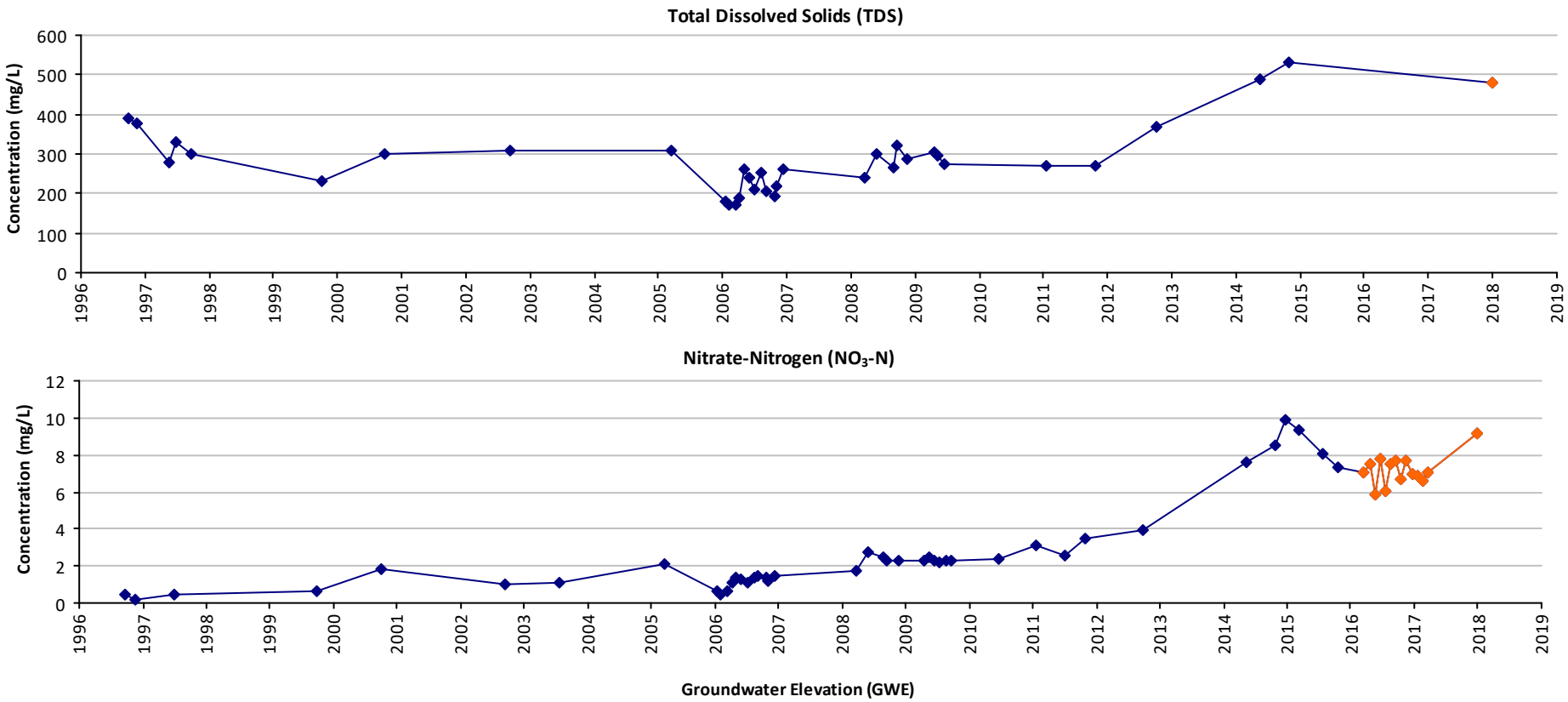

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

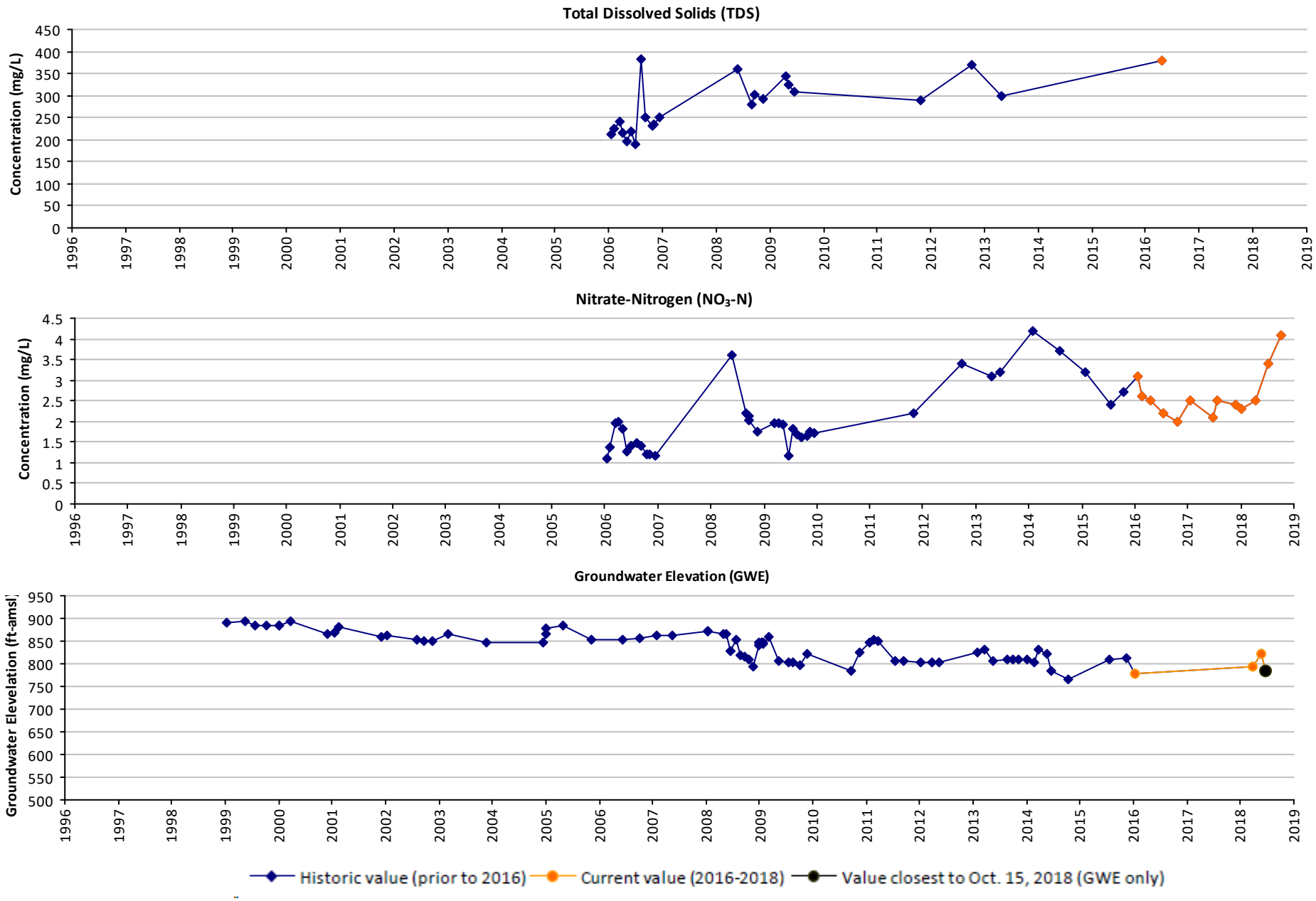

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

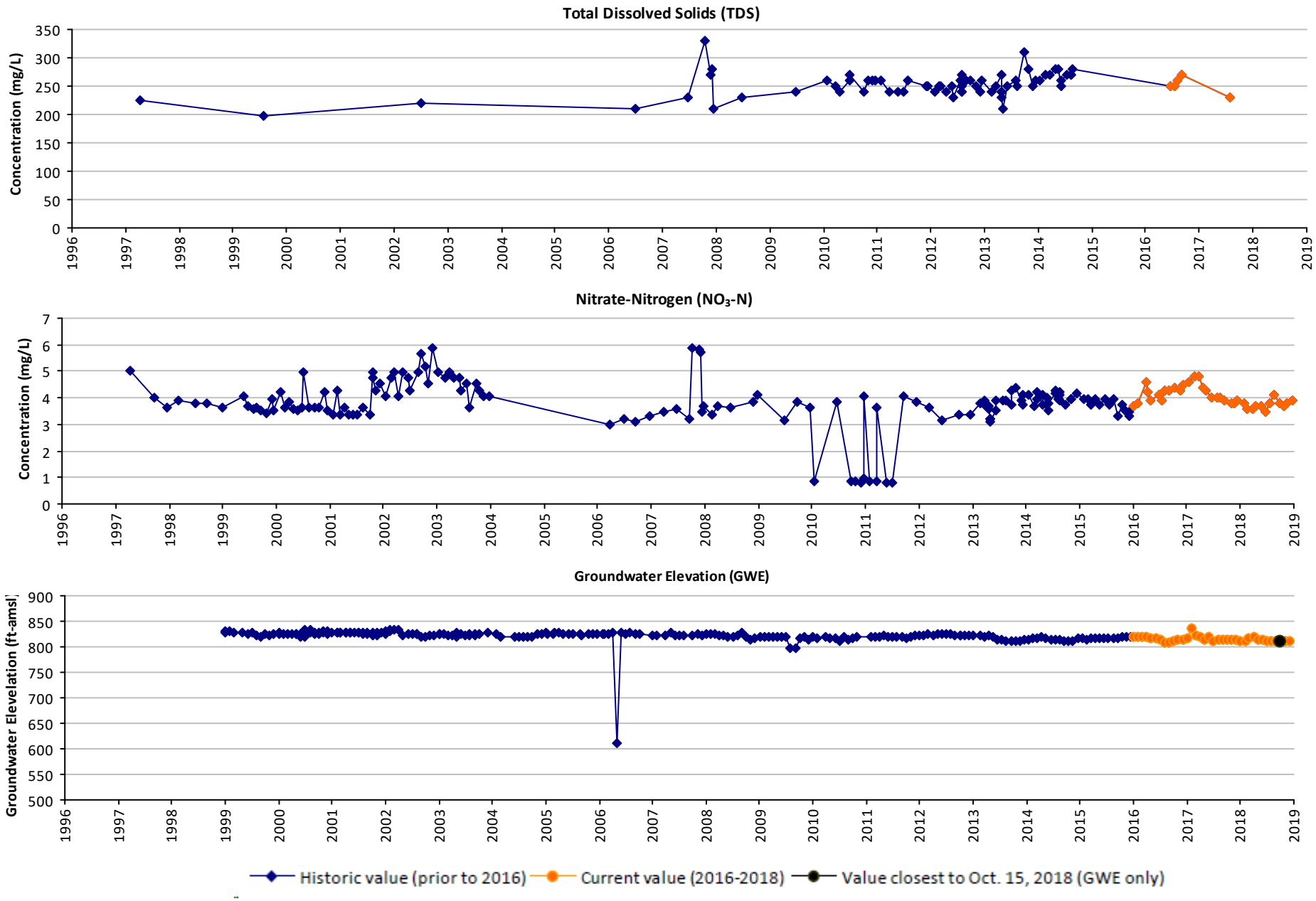

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

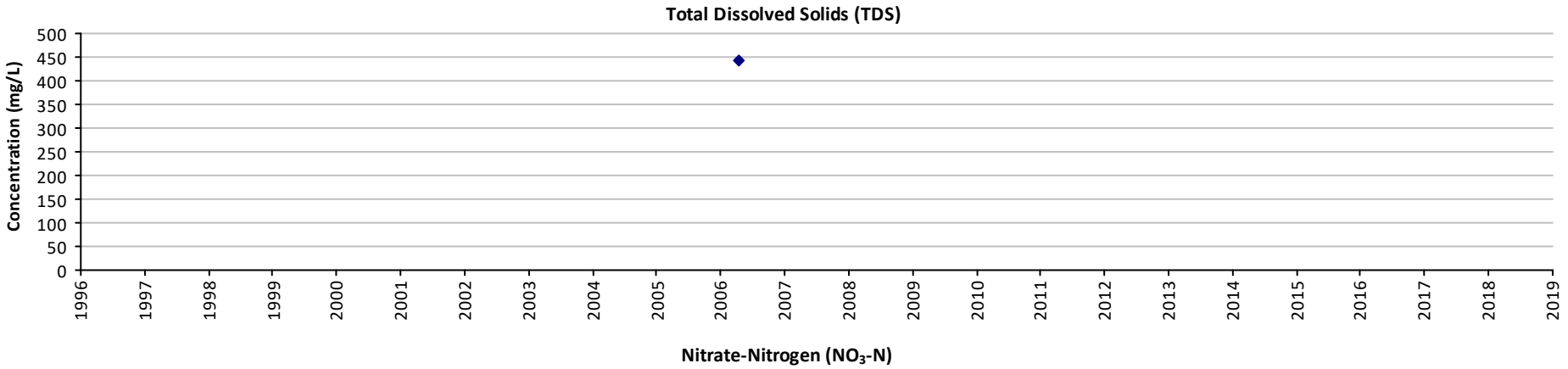

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

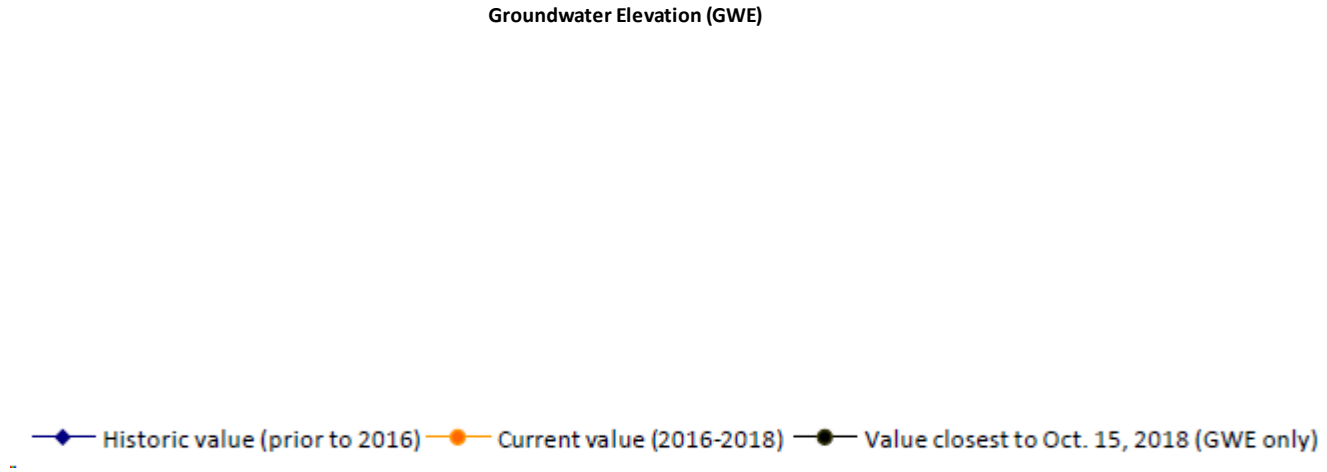

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

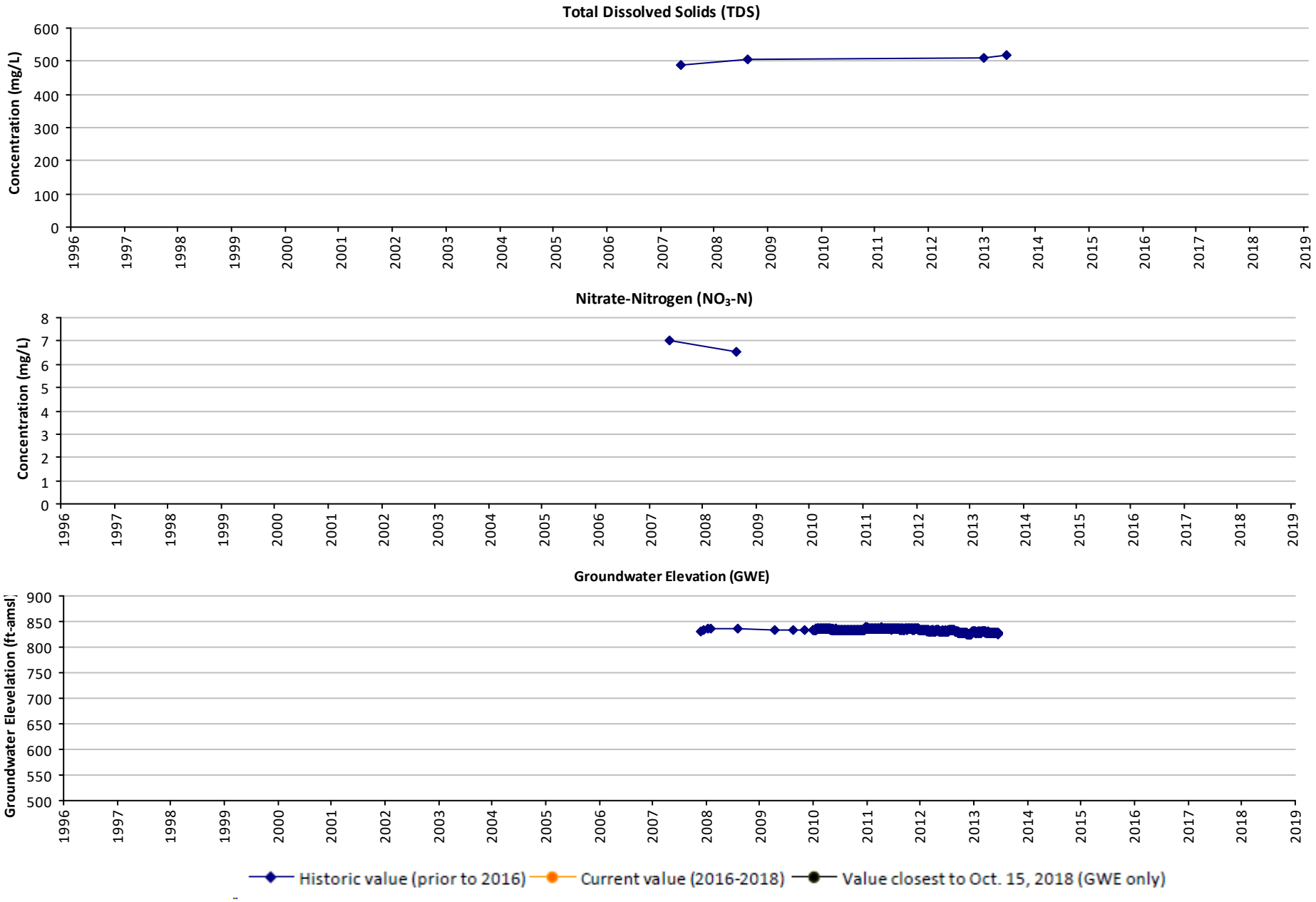

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

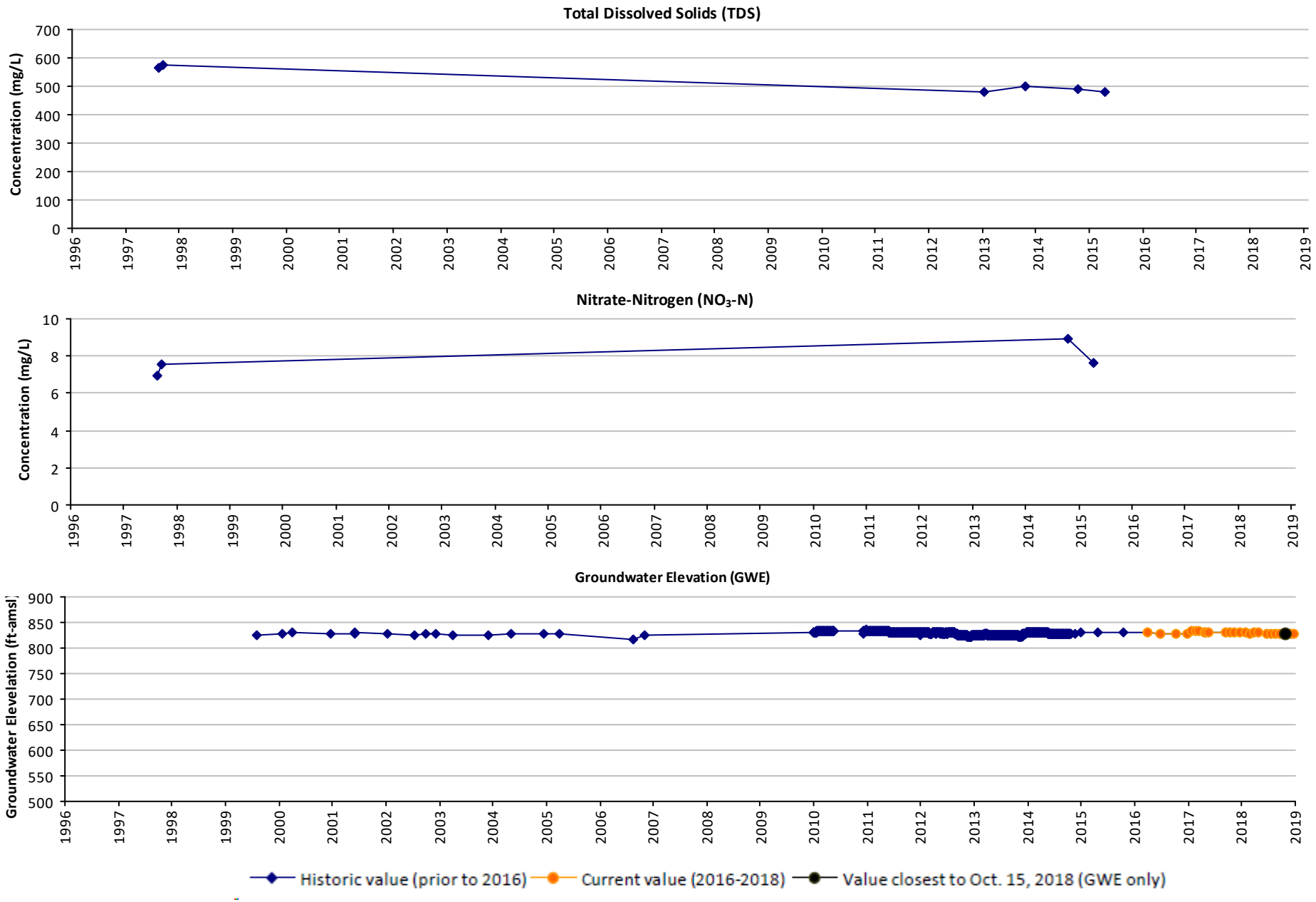
Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

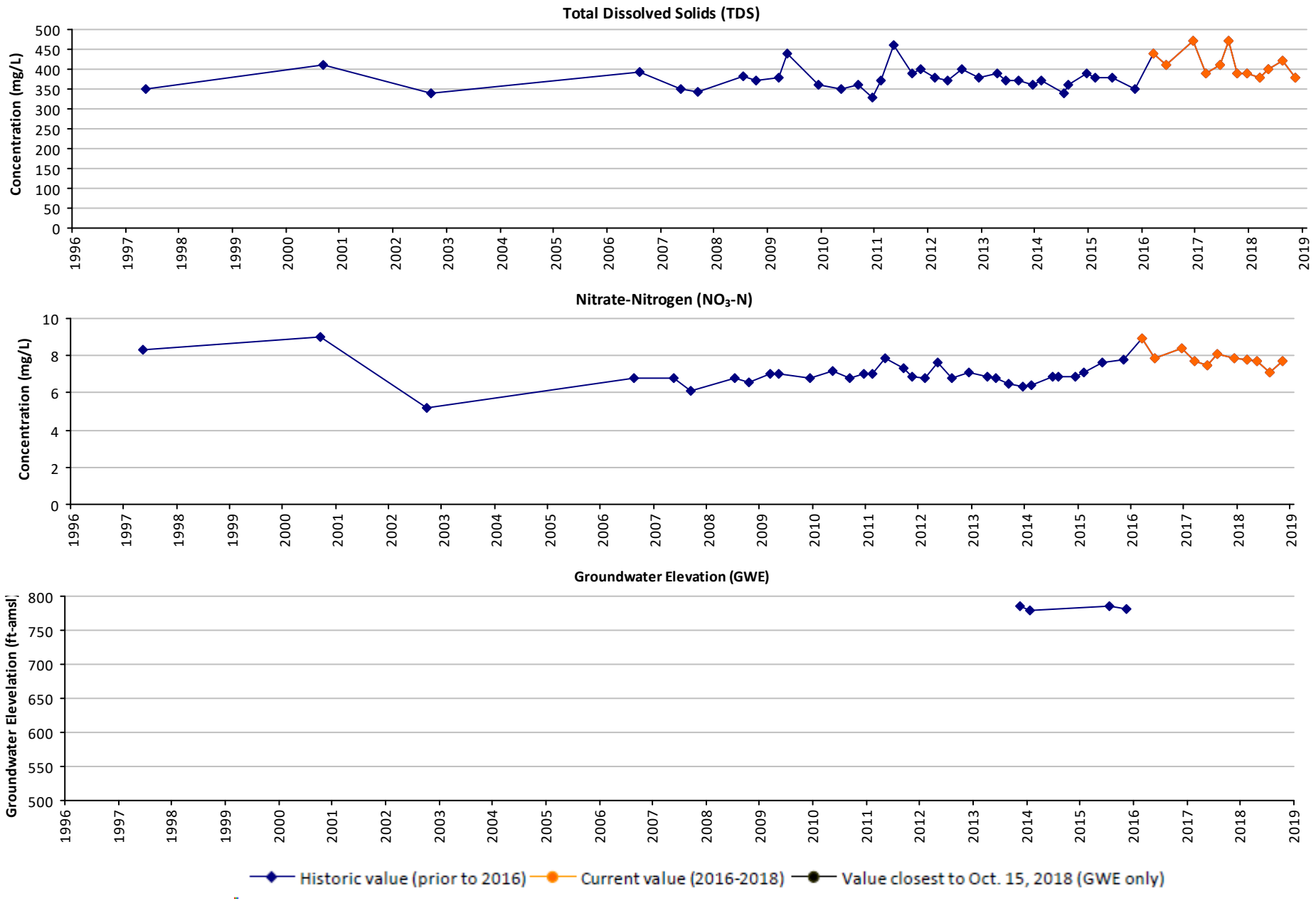

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

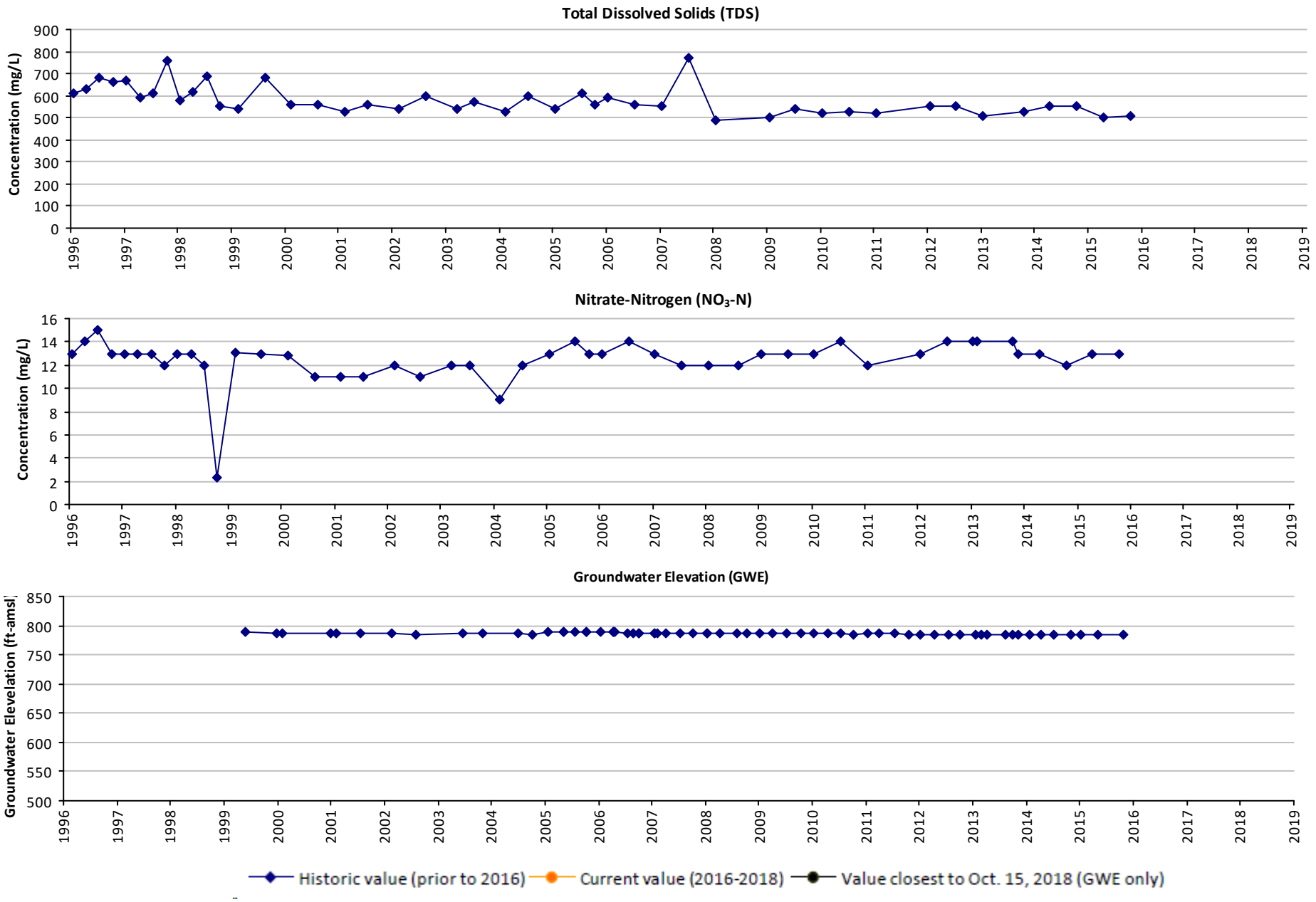

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

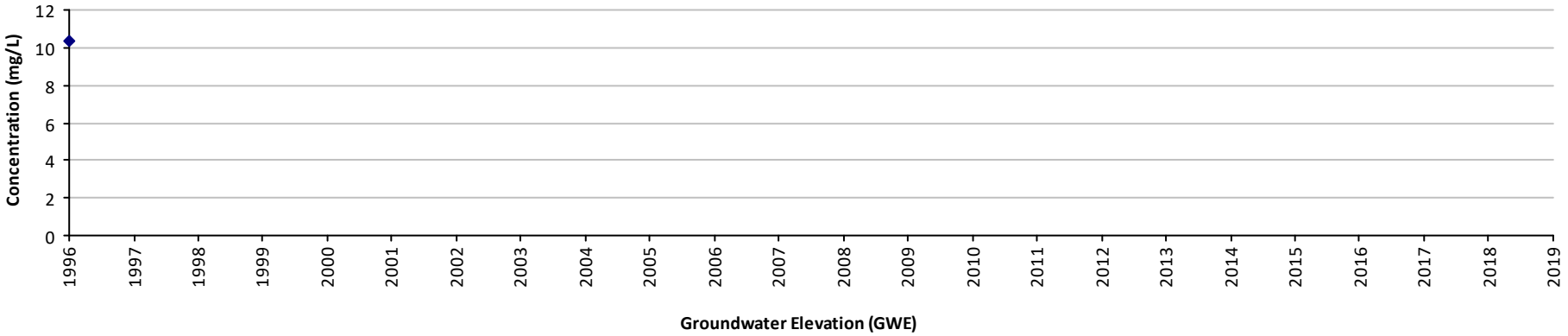

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

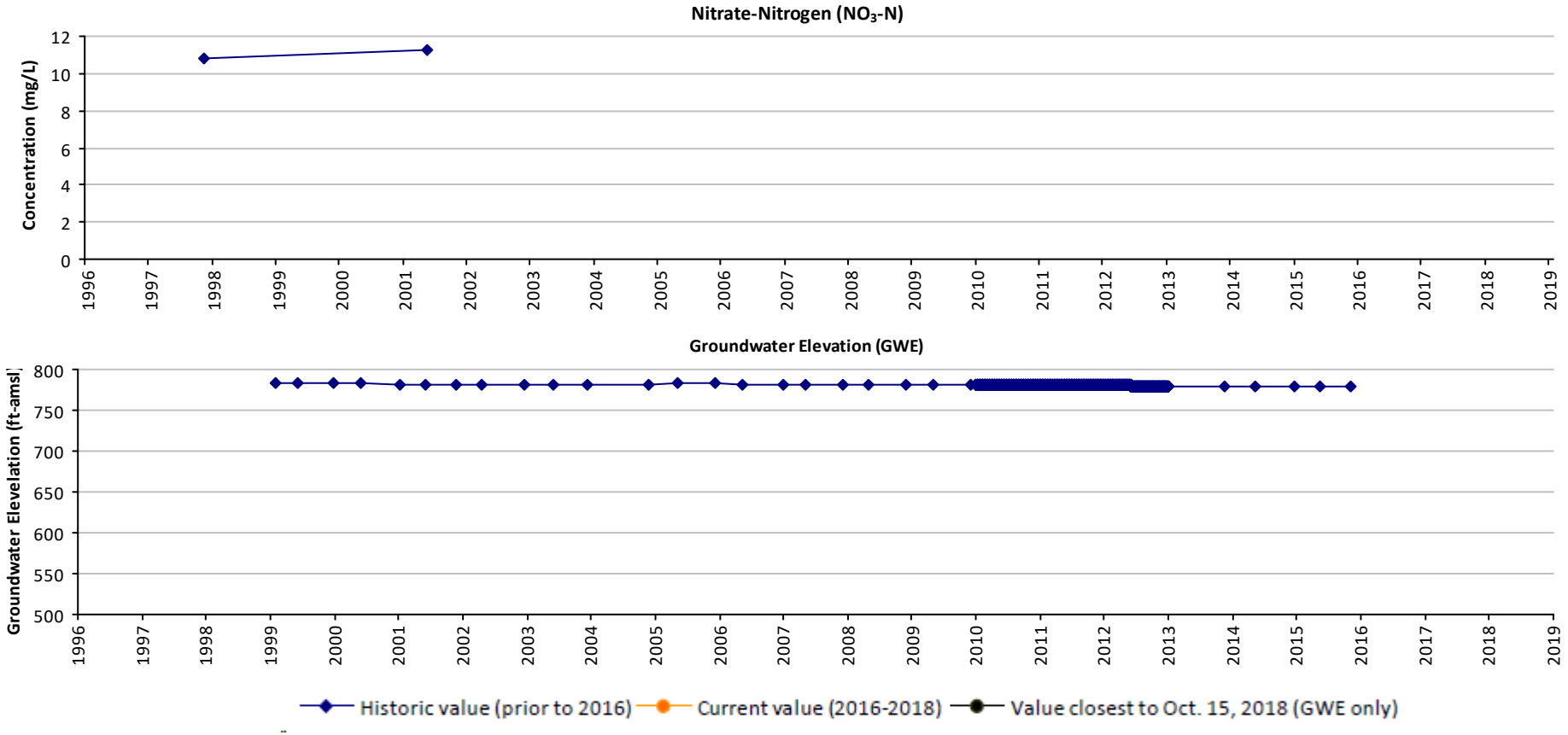
Total Dissolved Solids (TDS)

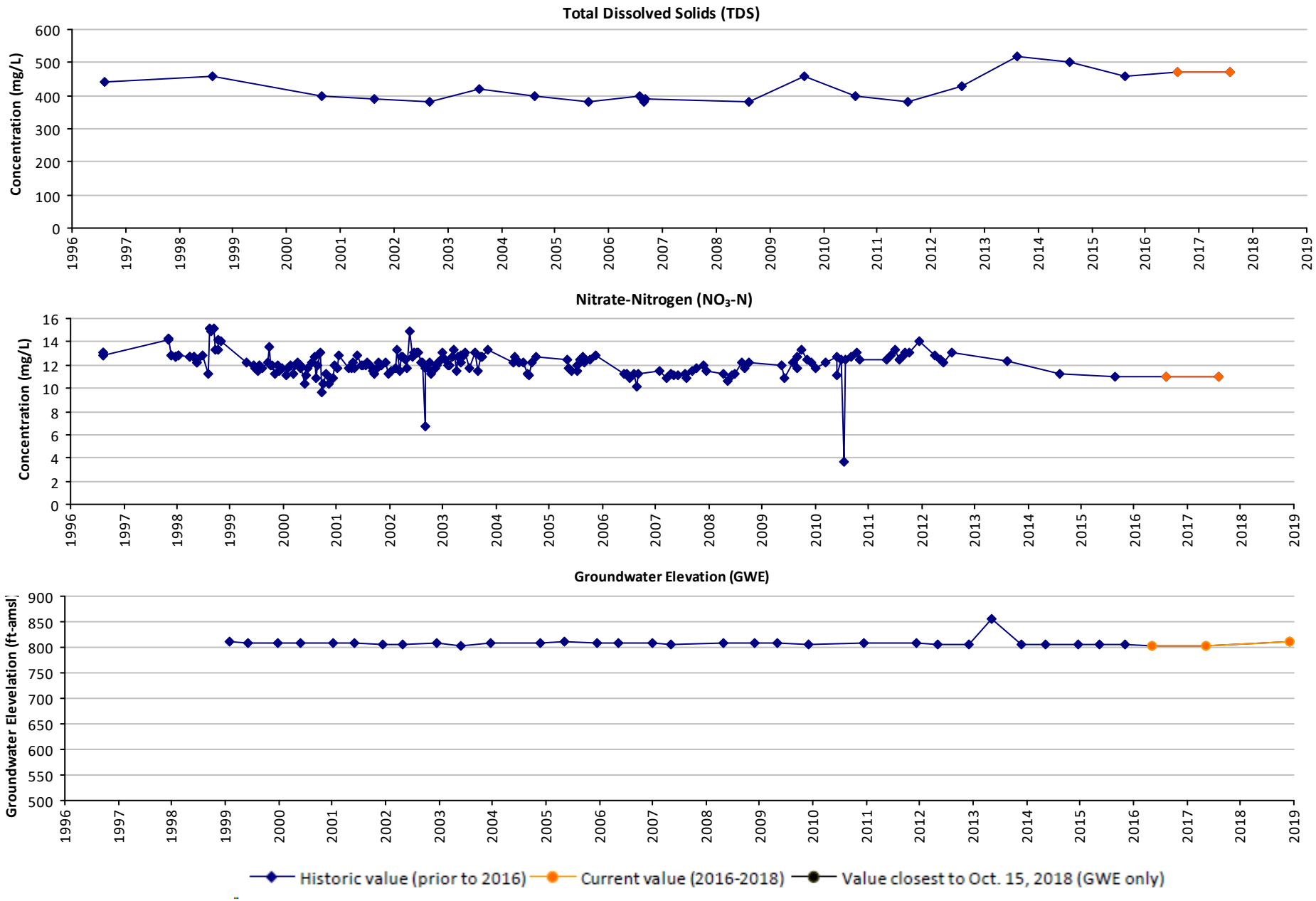
Nitrate-Nitrogen (NO_3-N)

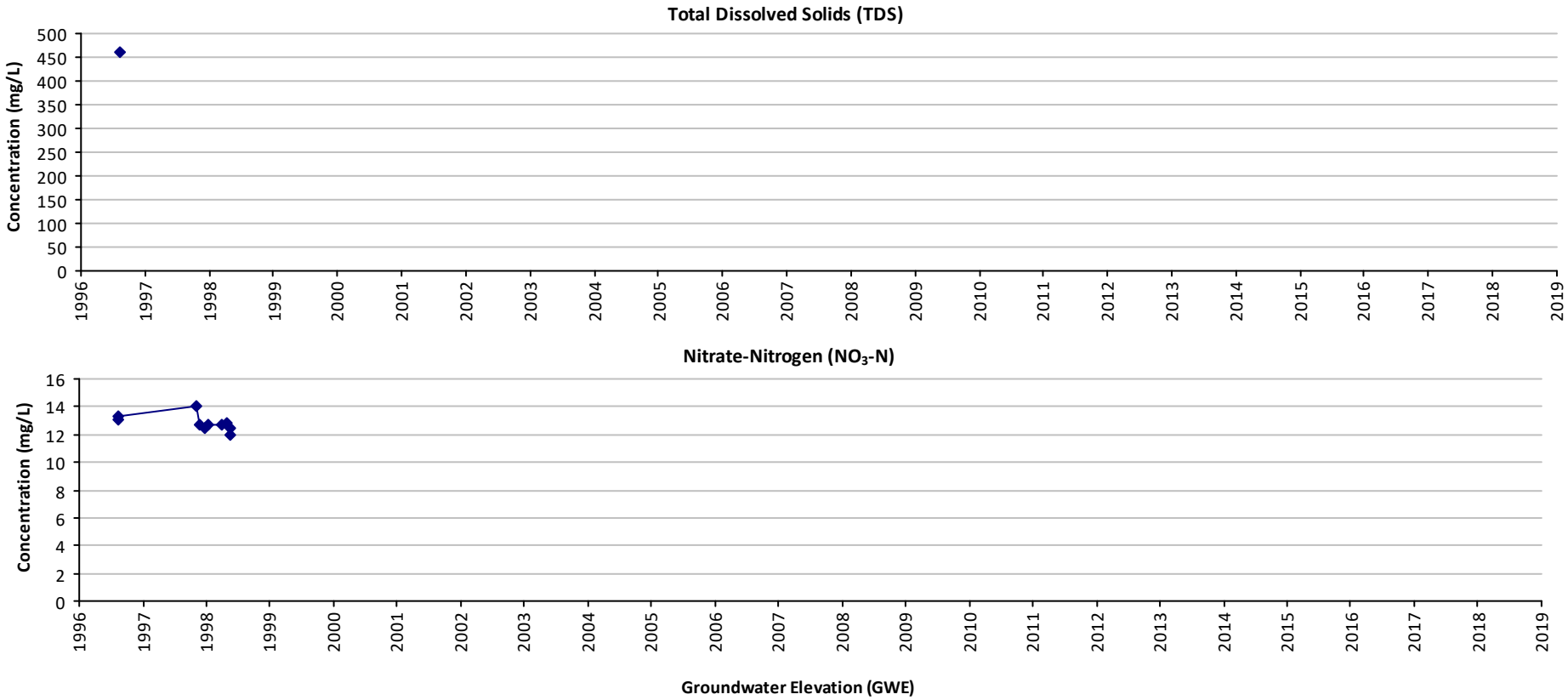


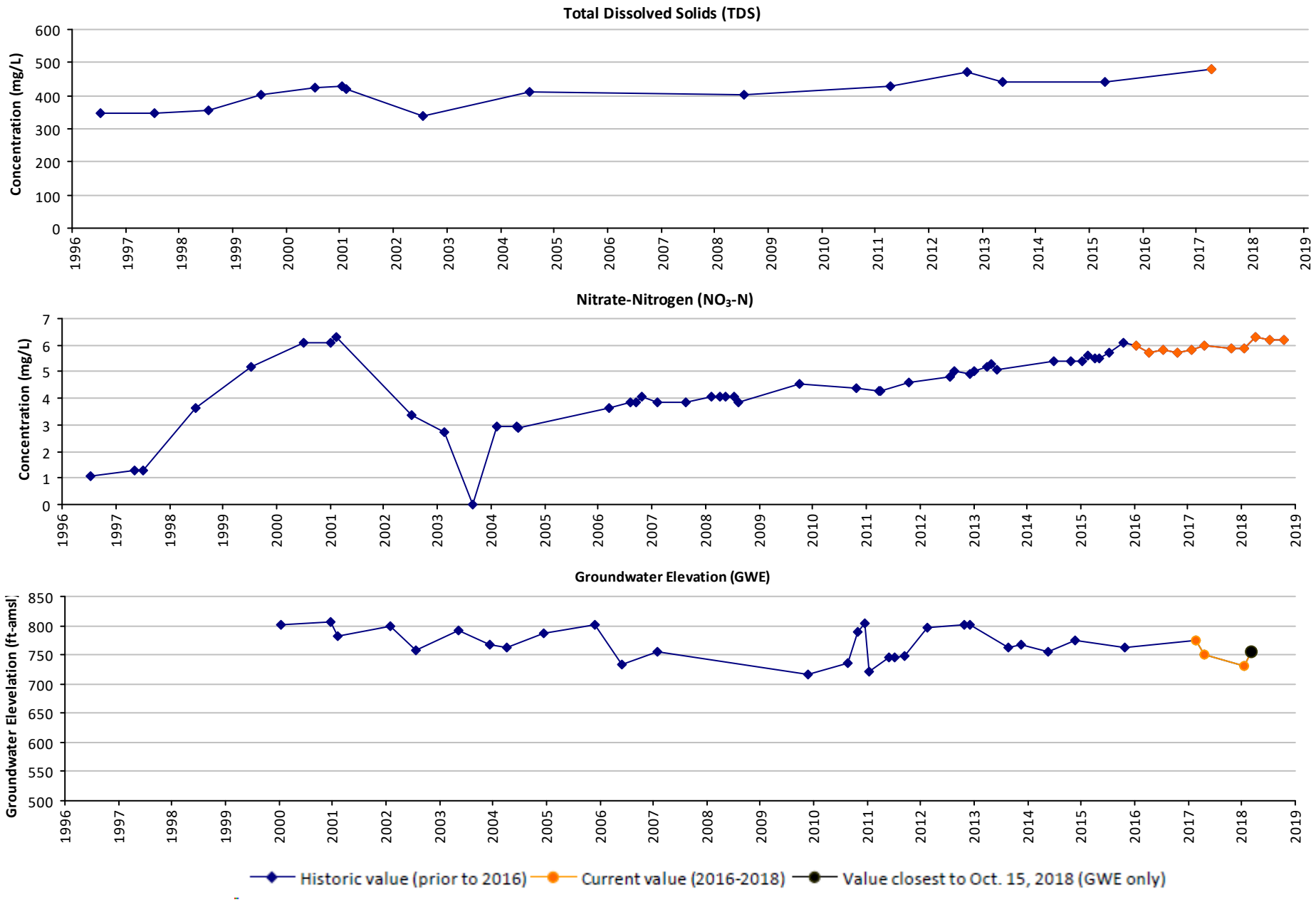
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

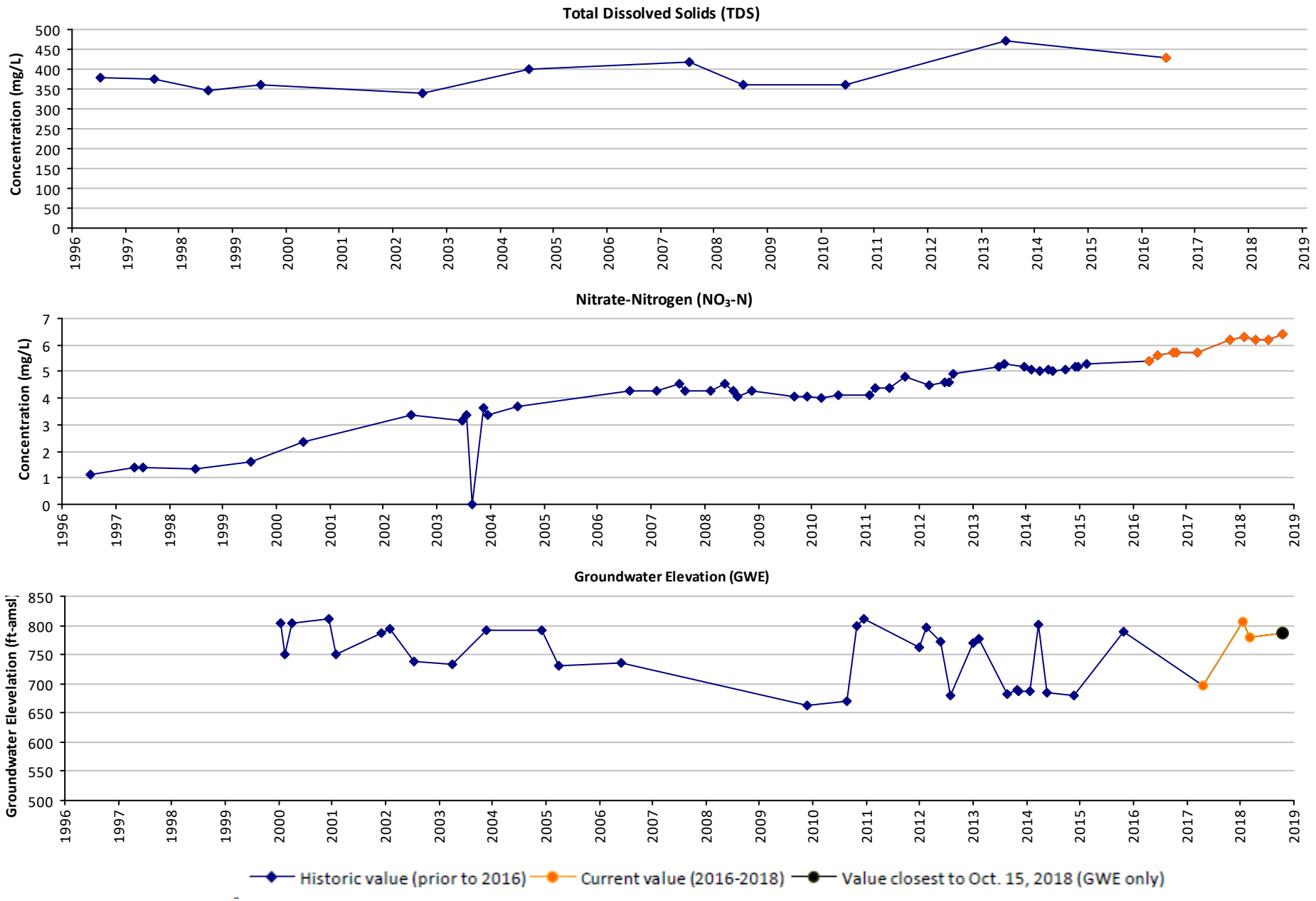
Total Dissolved Solids (TDS)

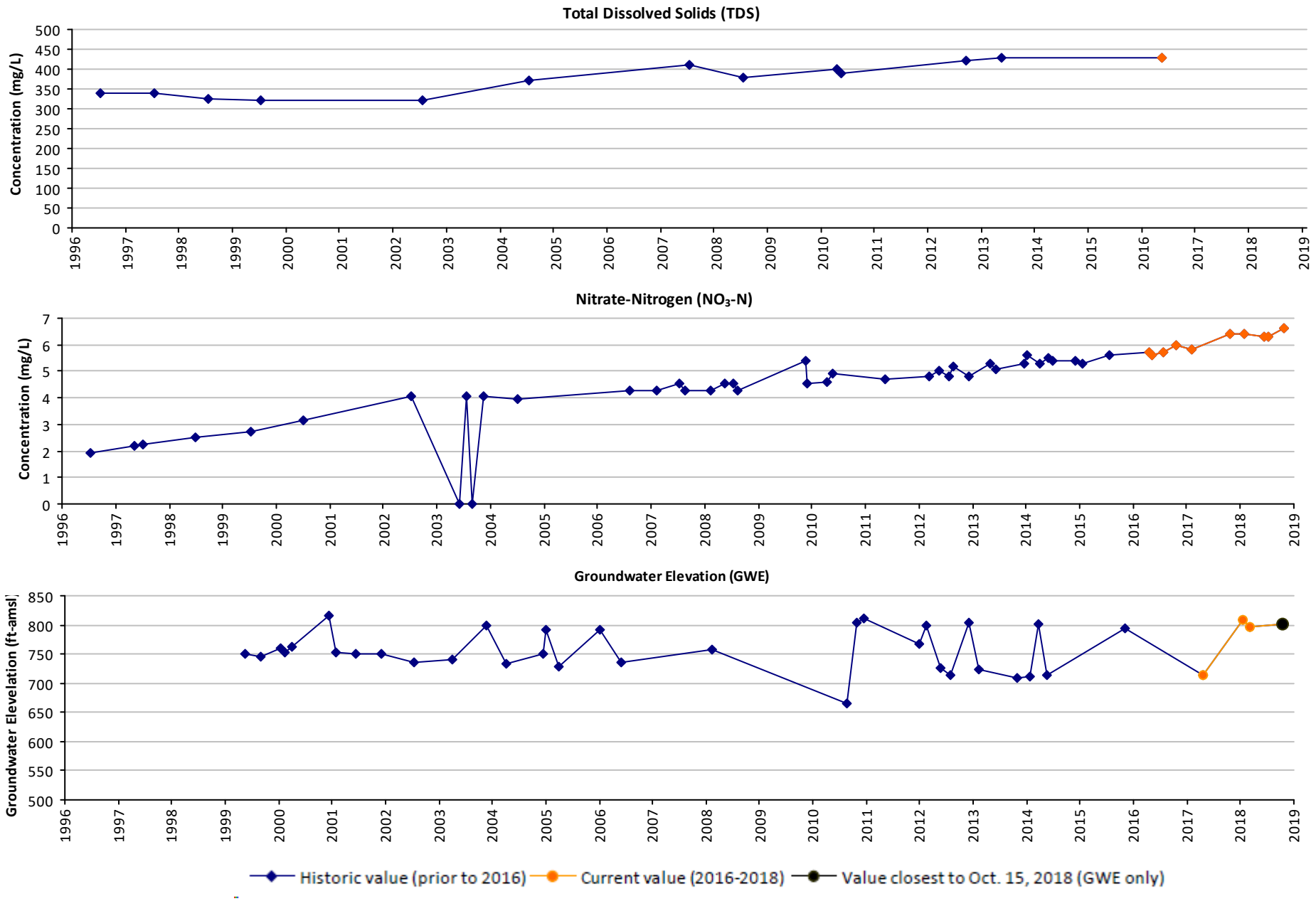


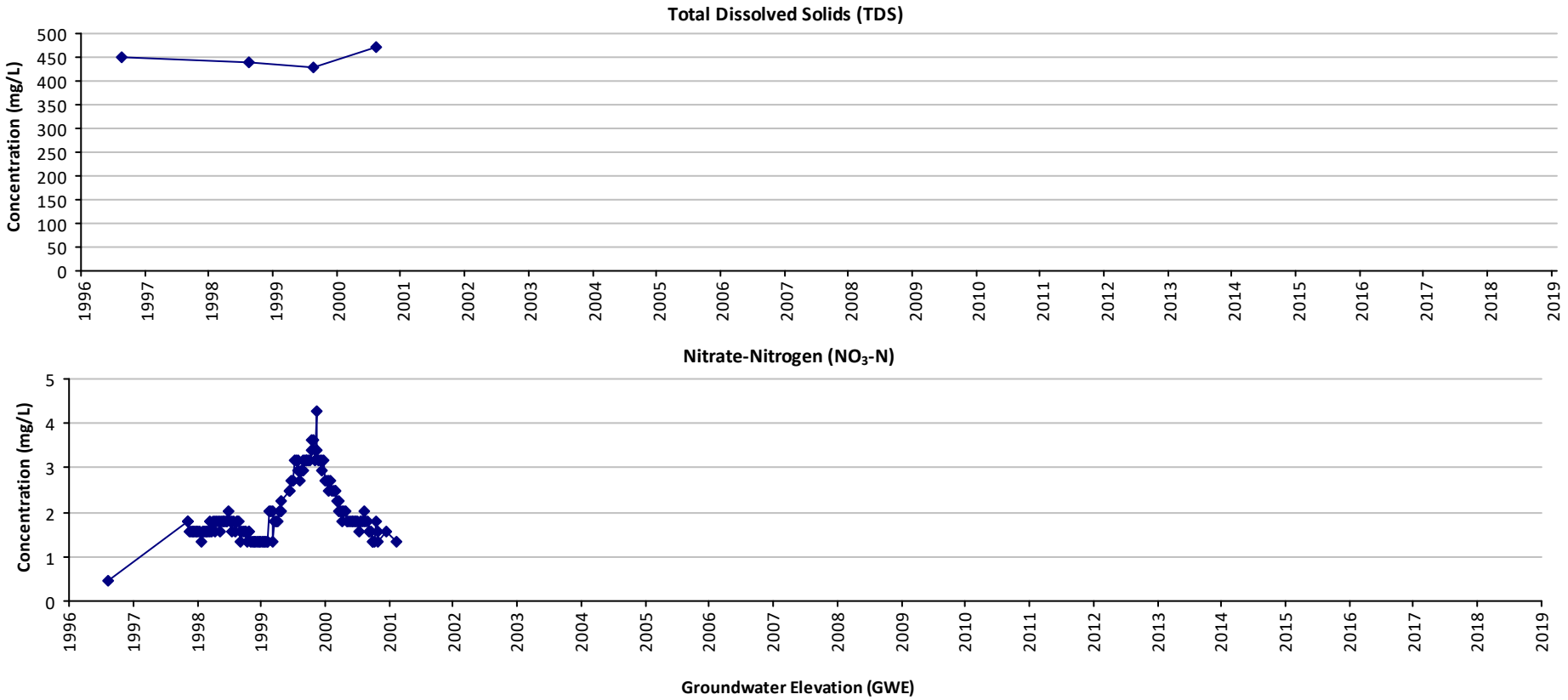

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

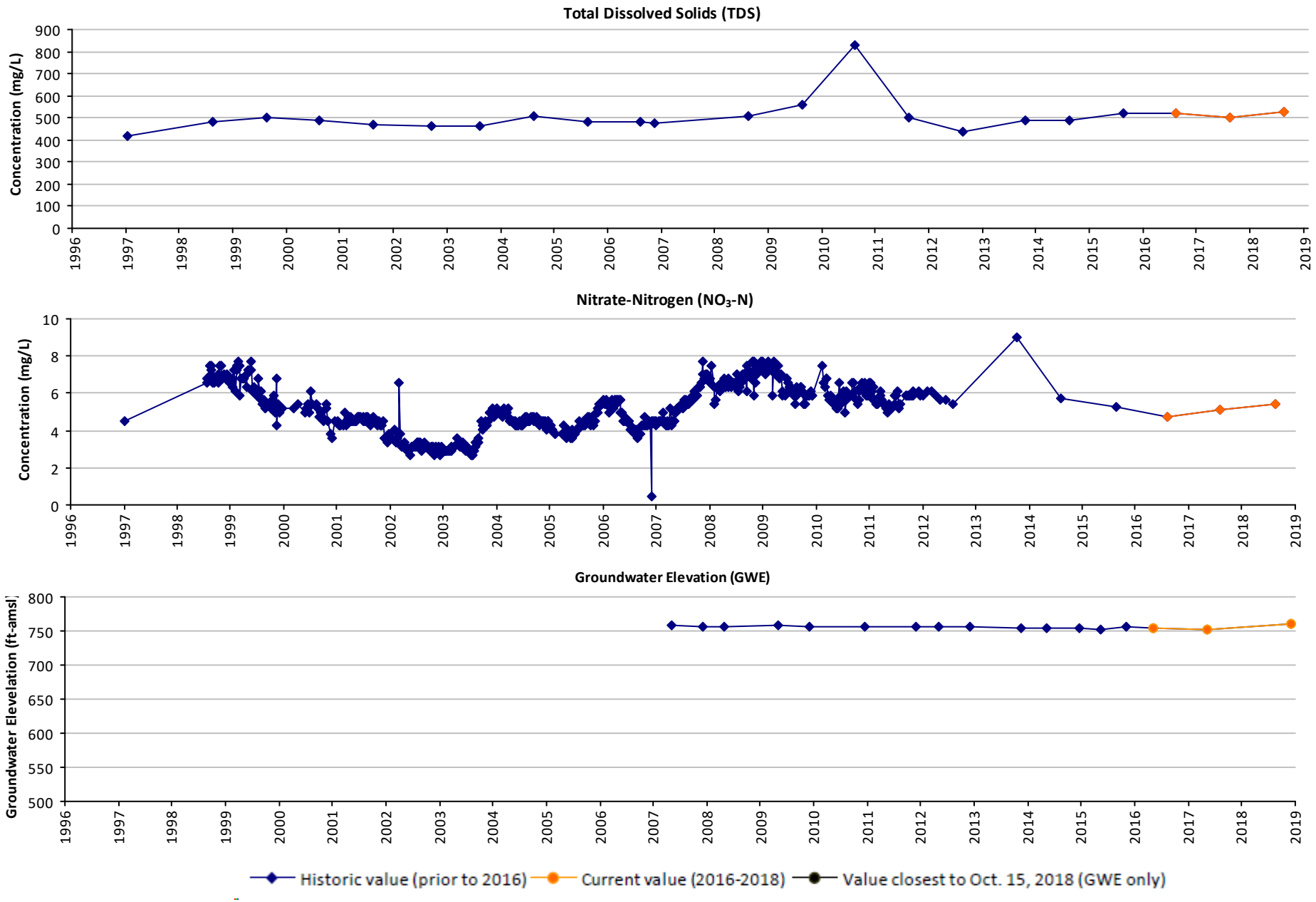

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

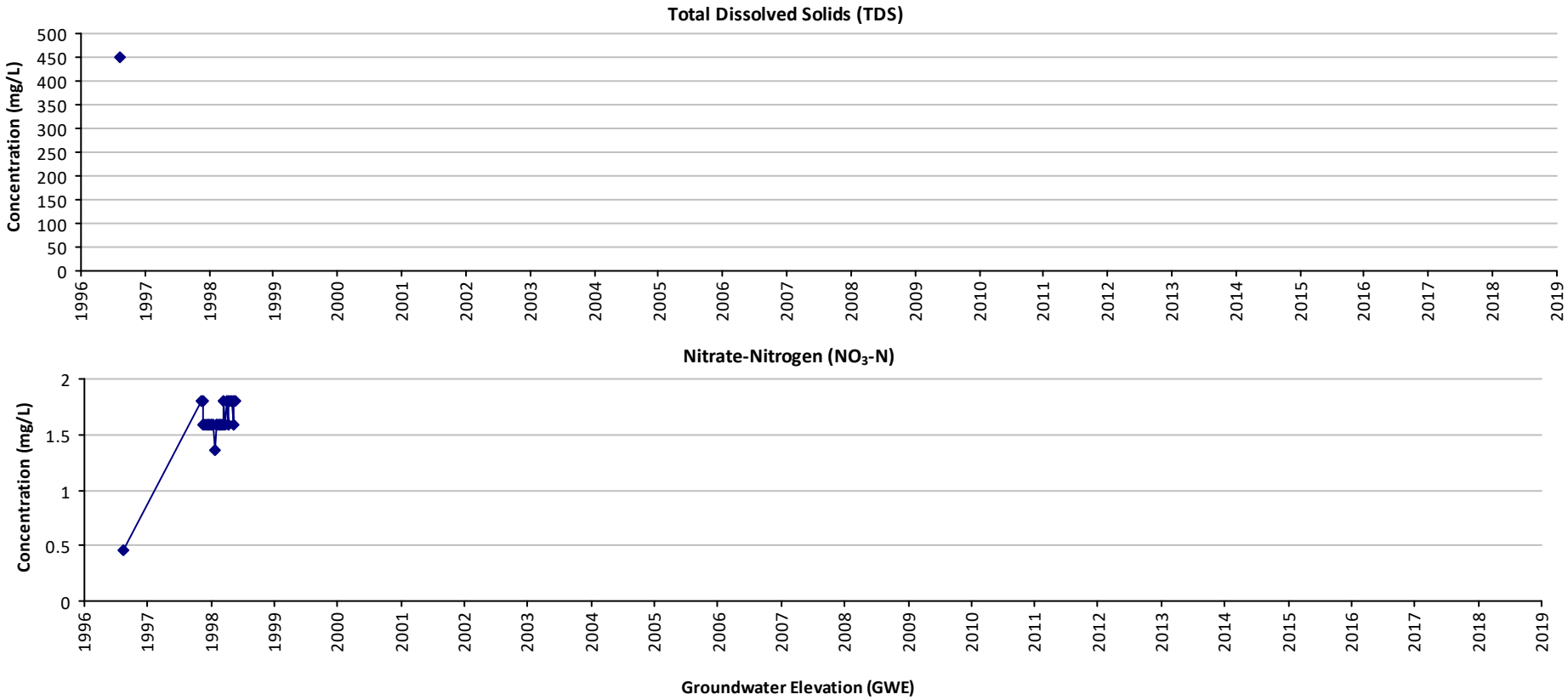

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

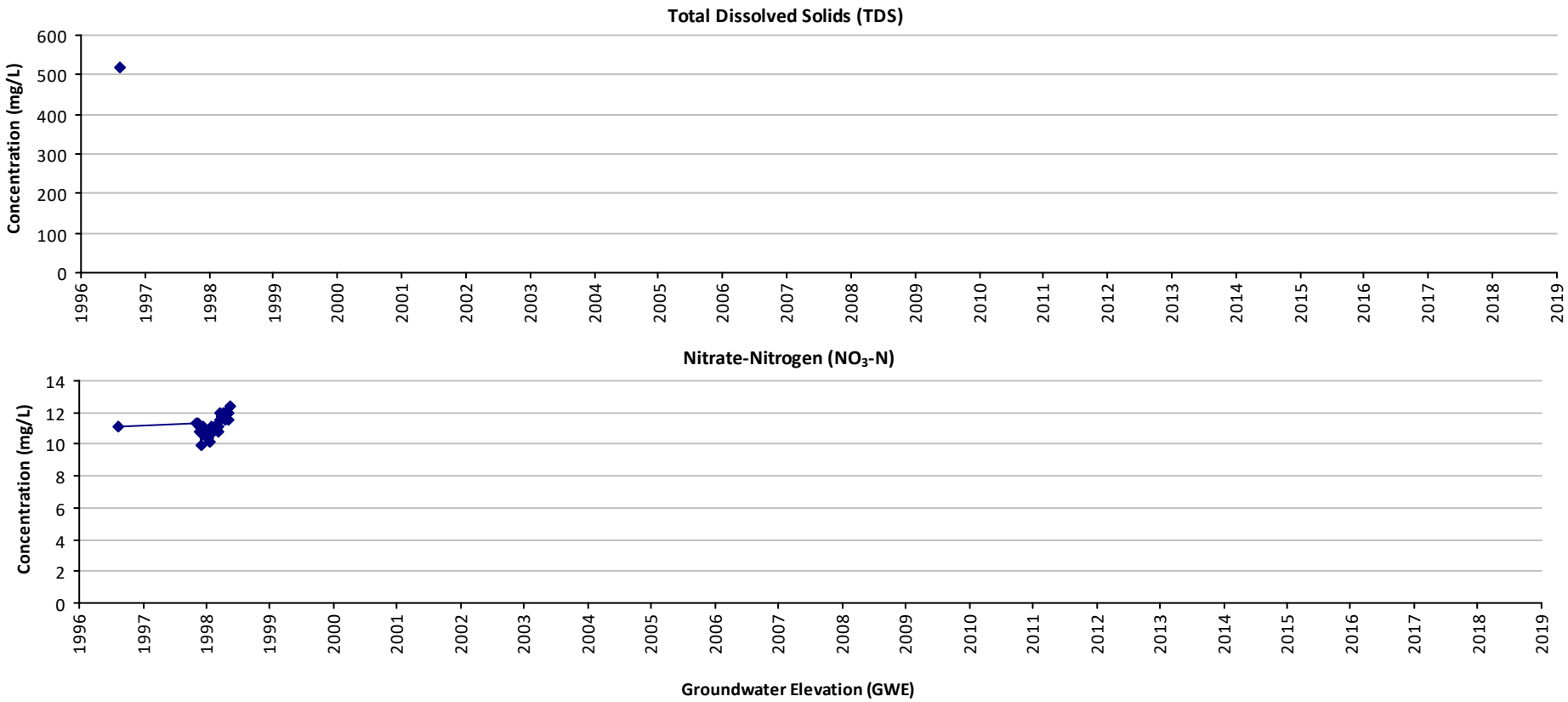

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

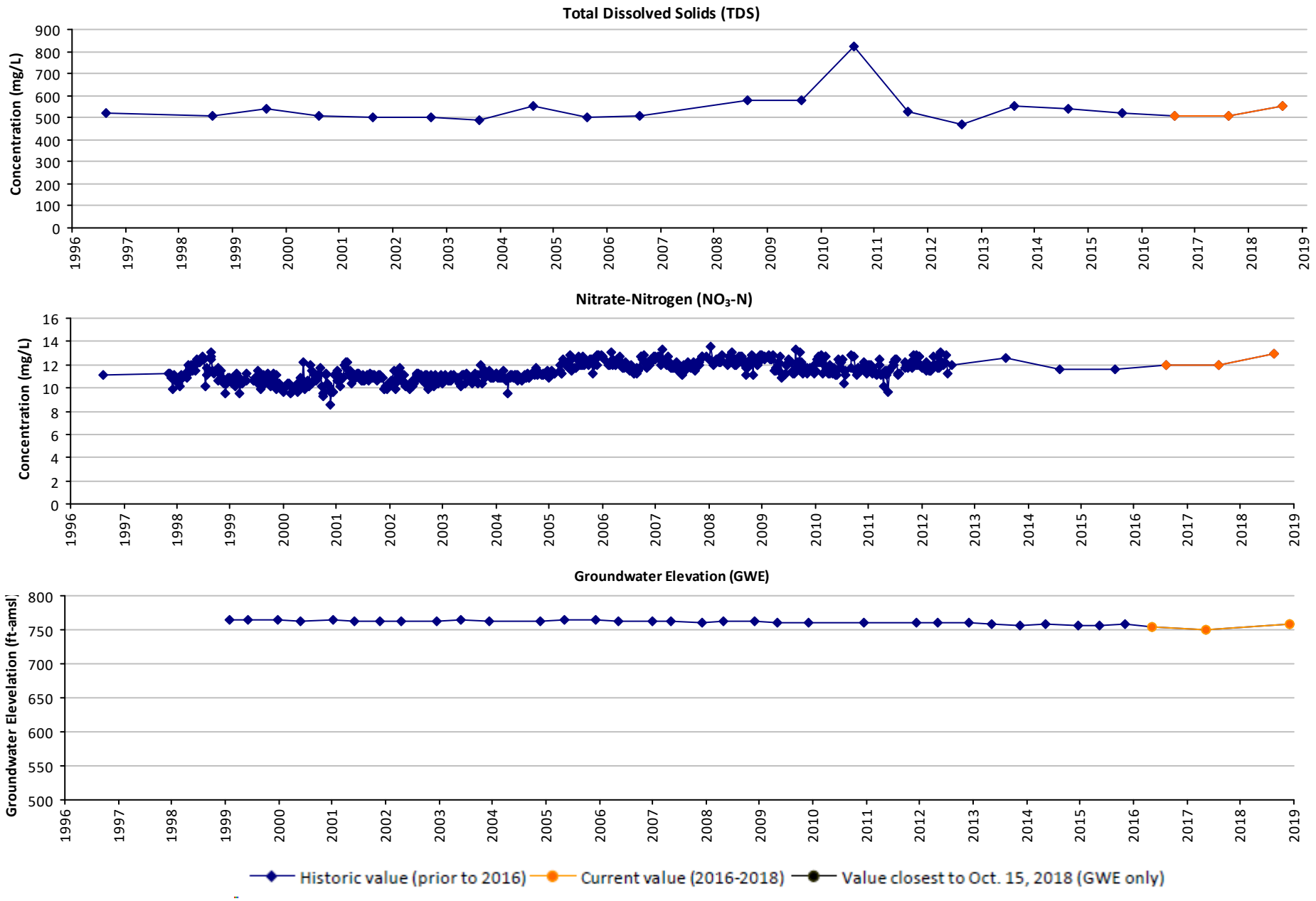

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

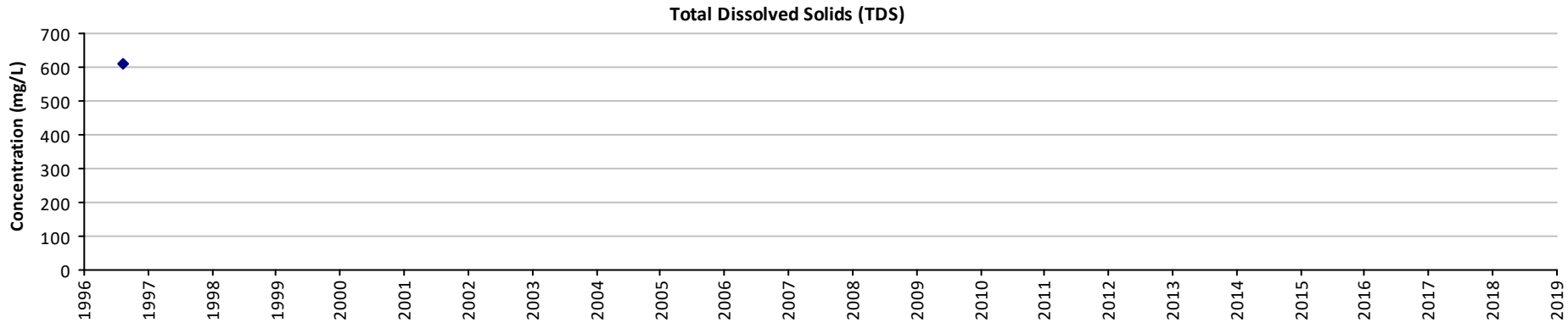

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

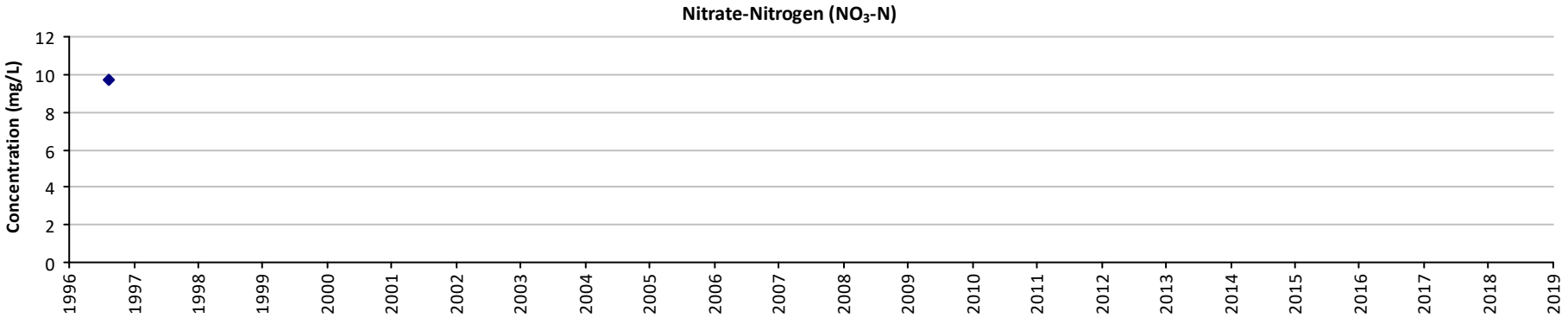

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
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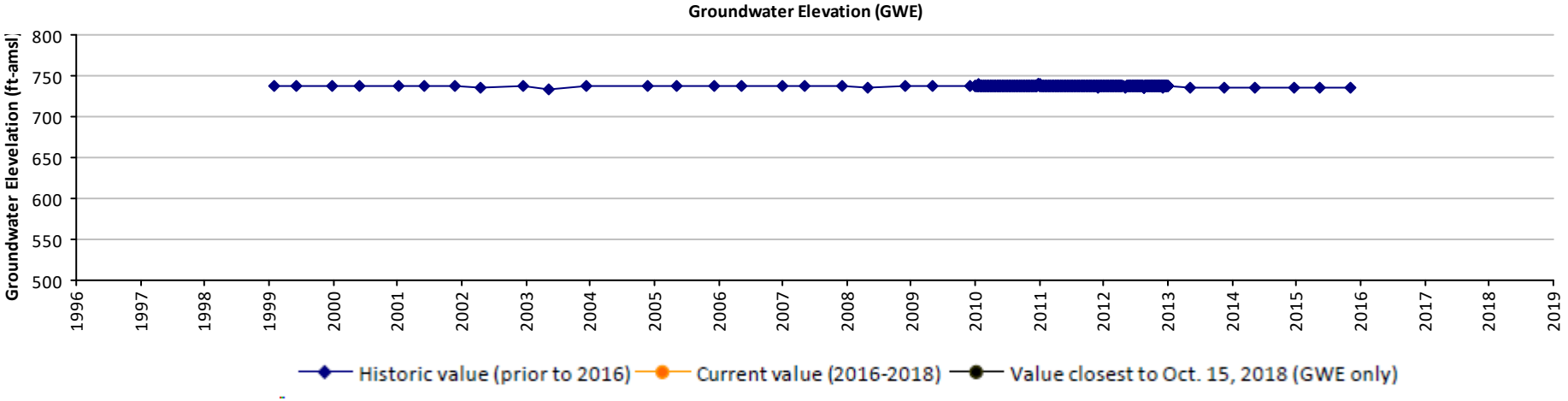
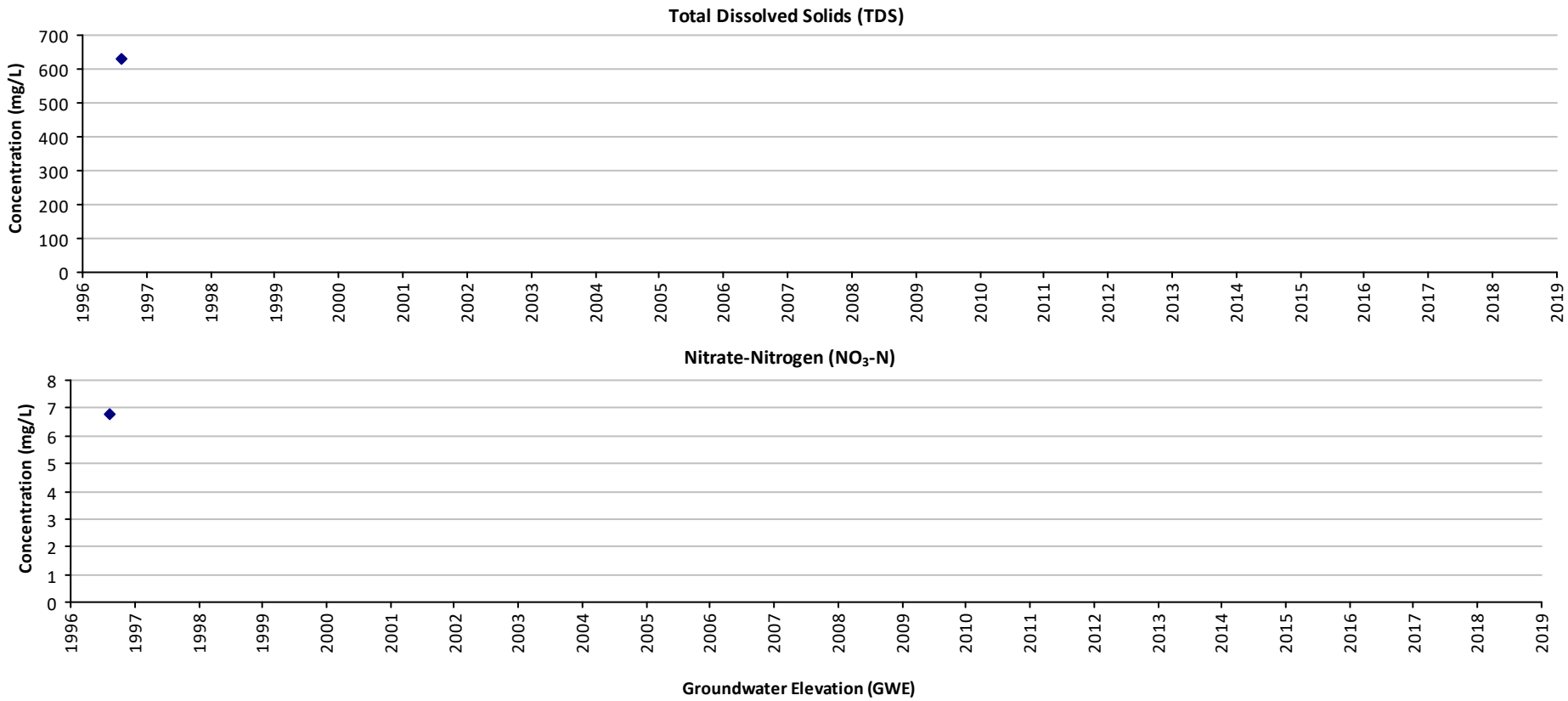
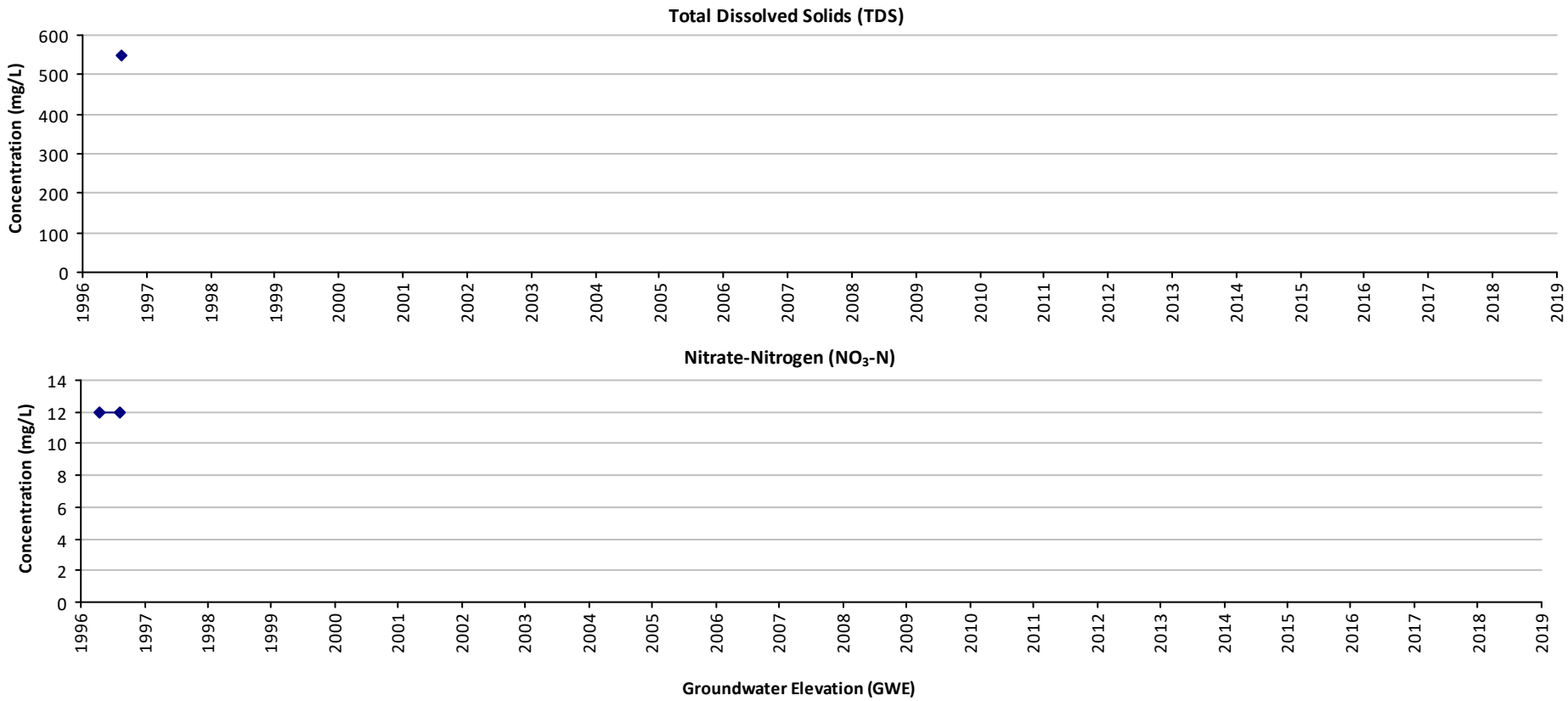
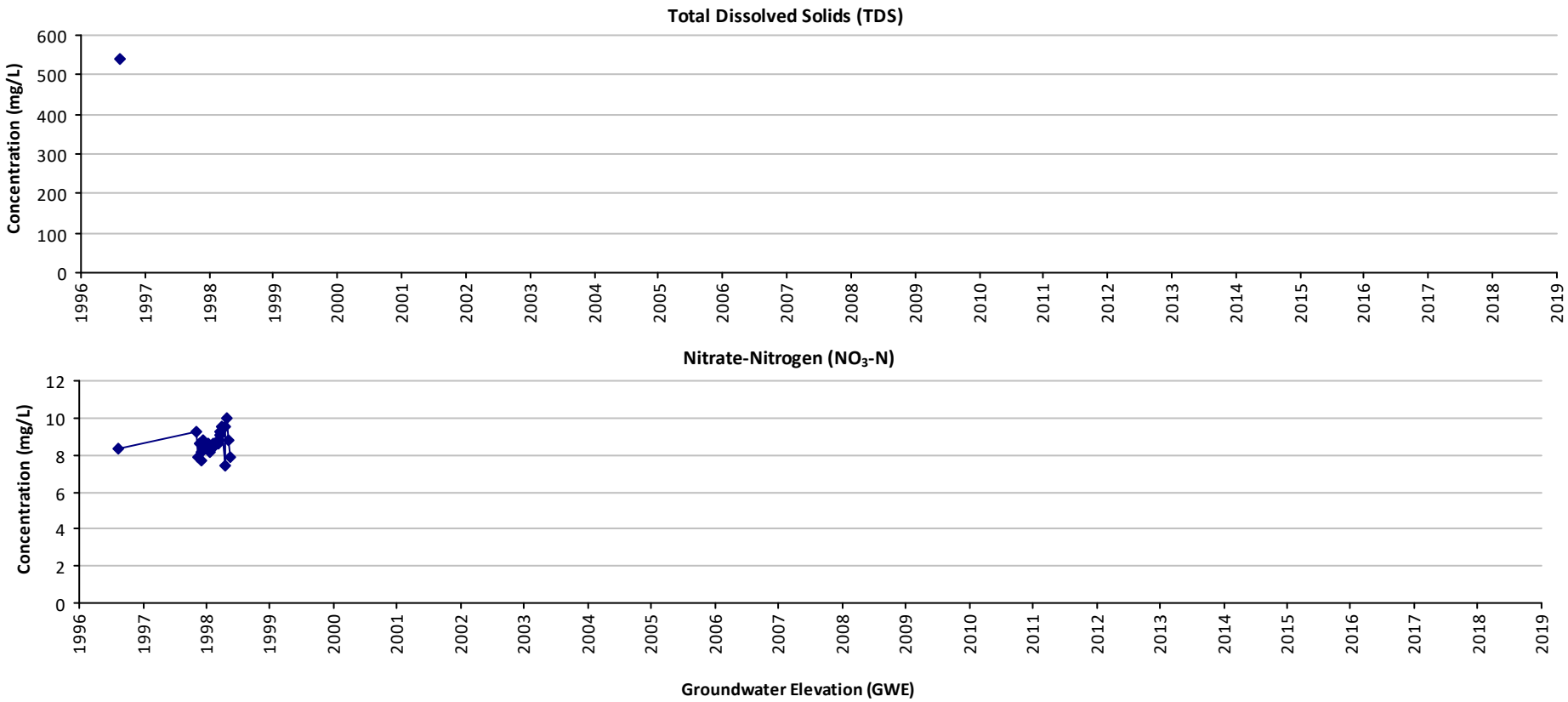
2015
2016
2017
2018
2019

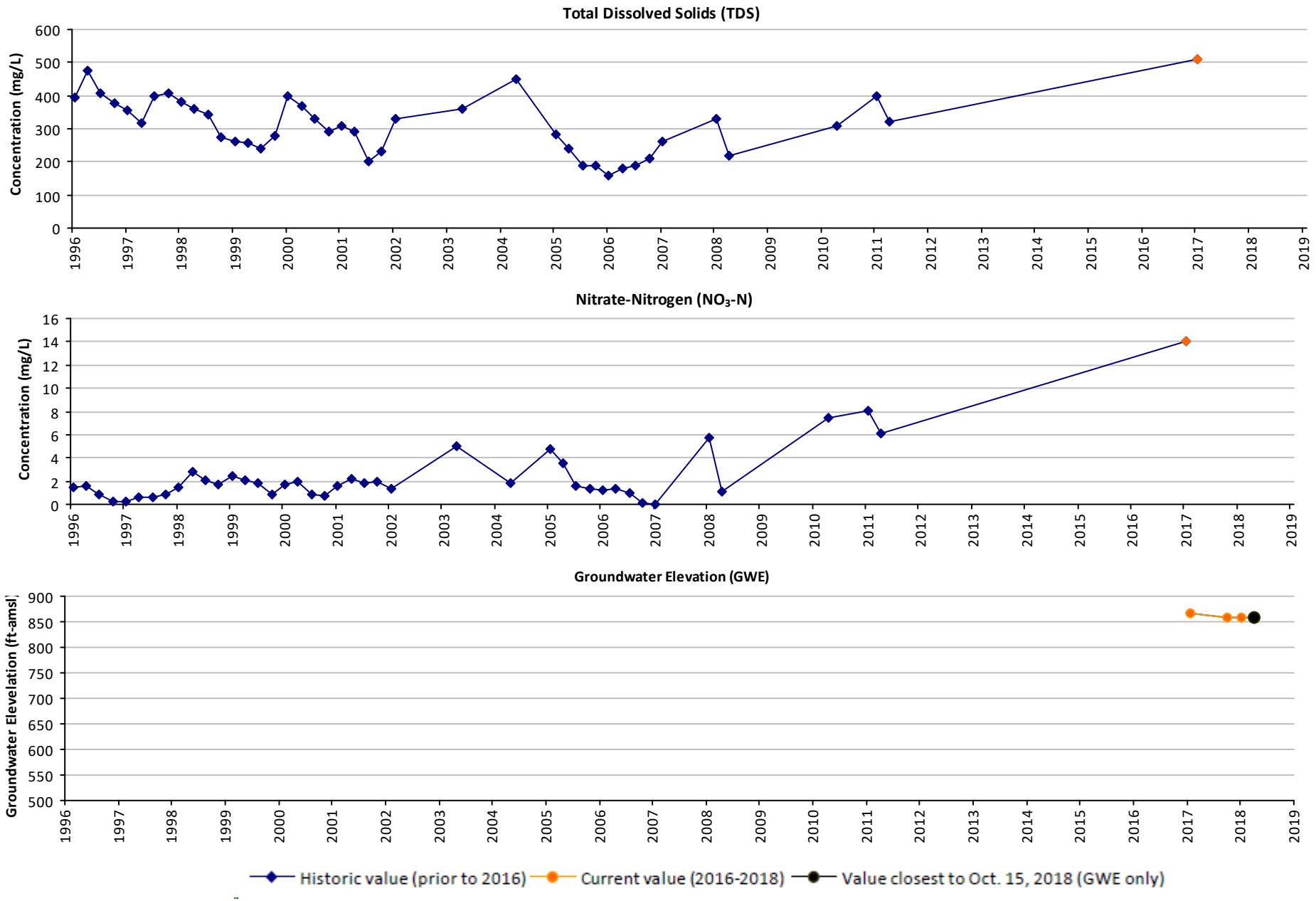

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

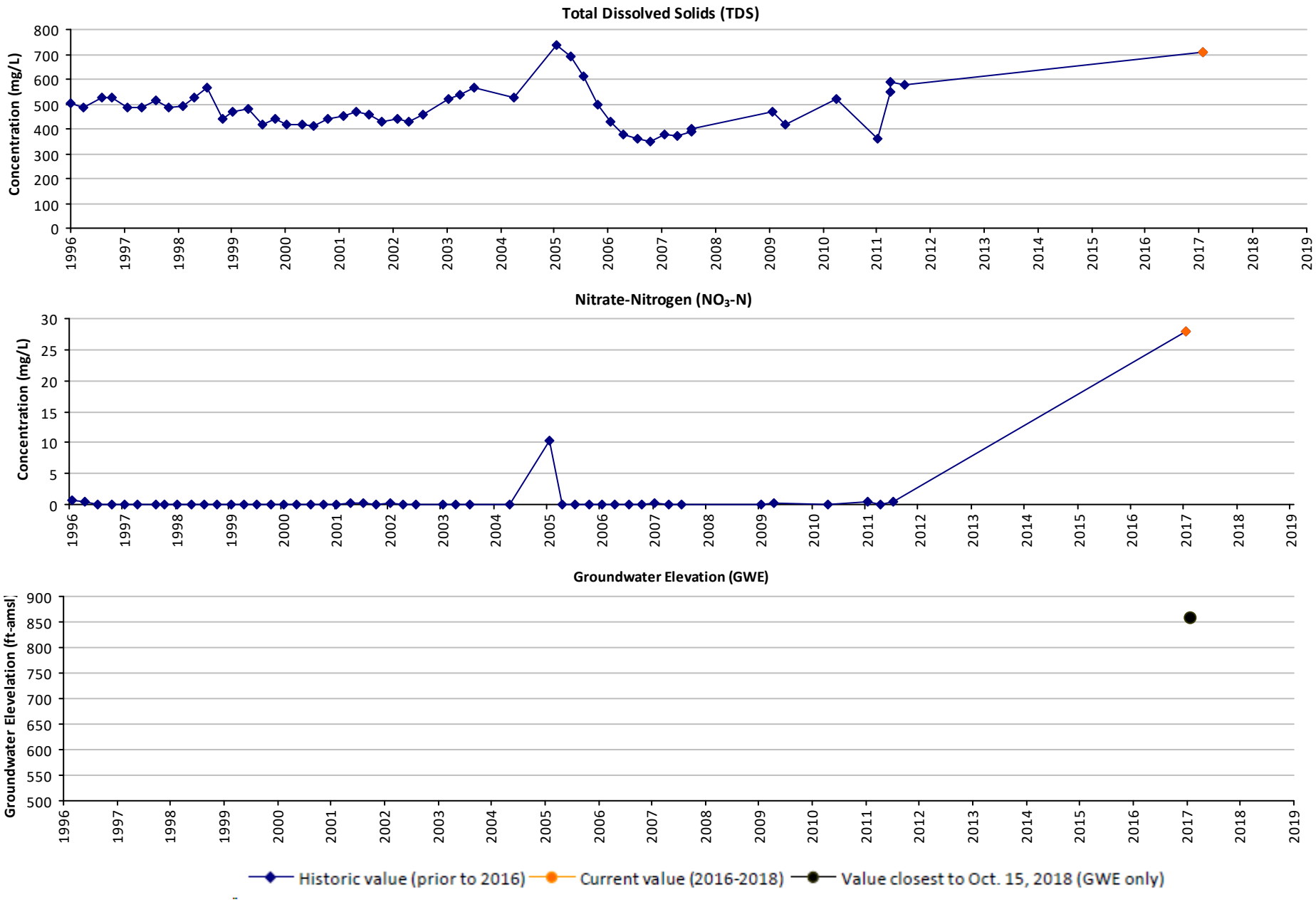

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

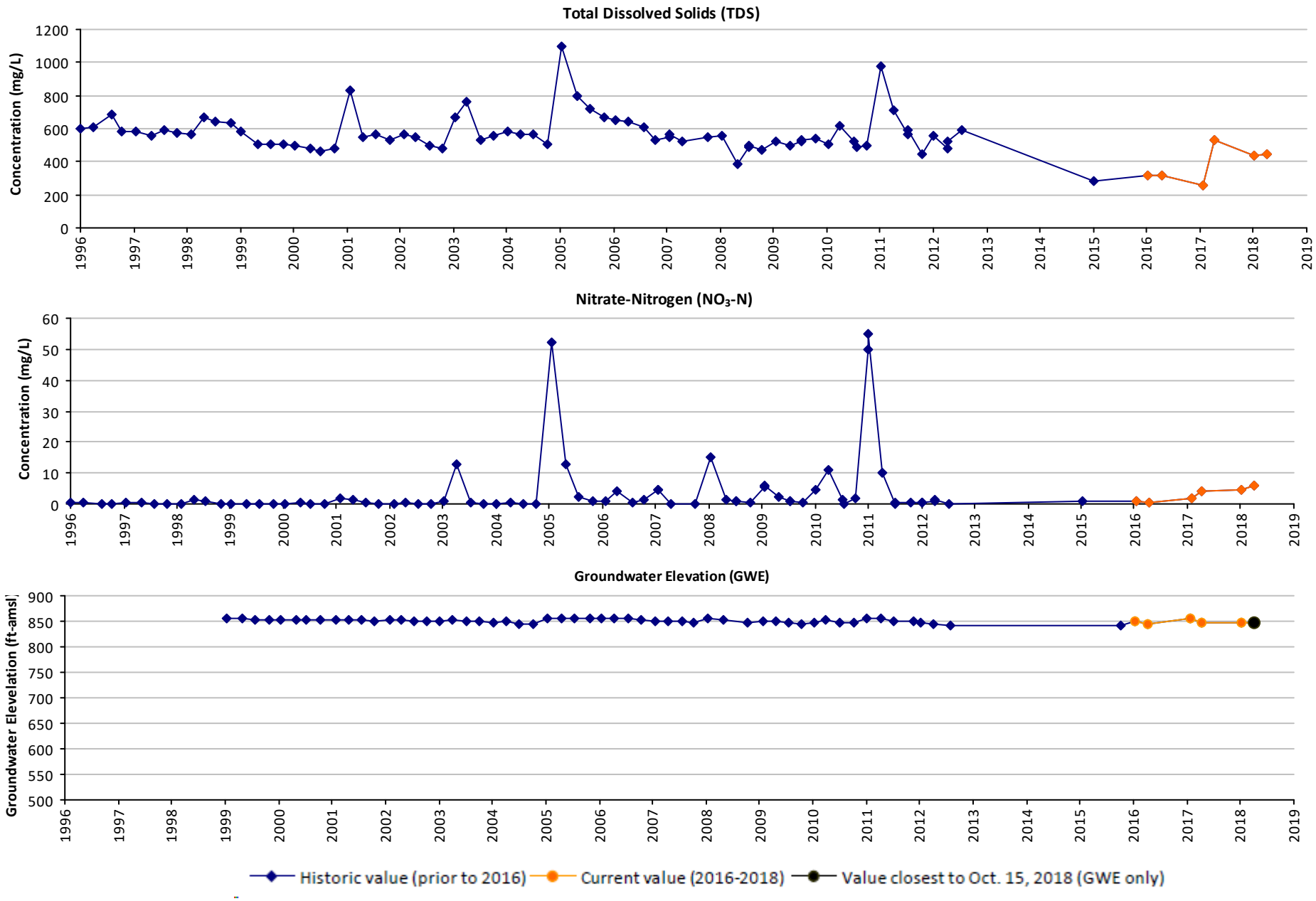
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

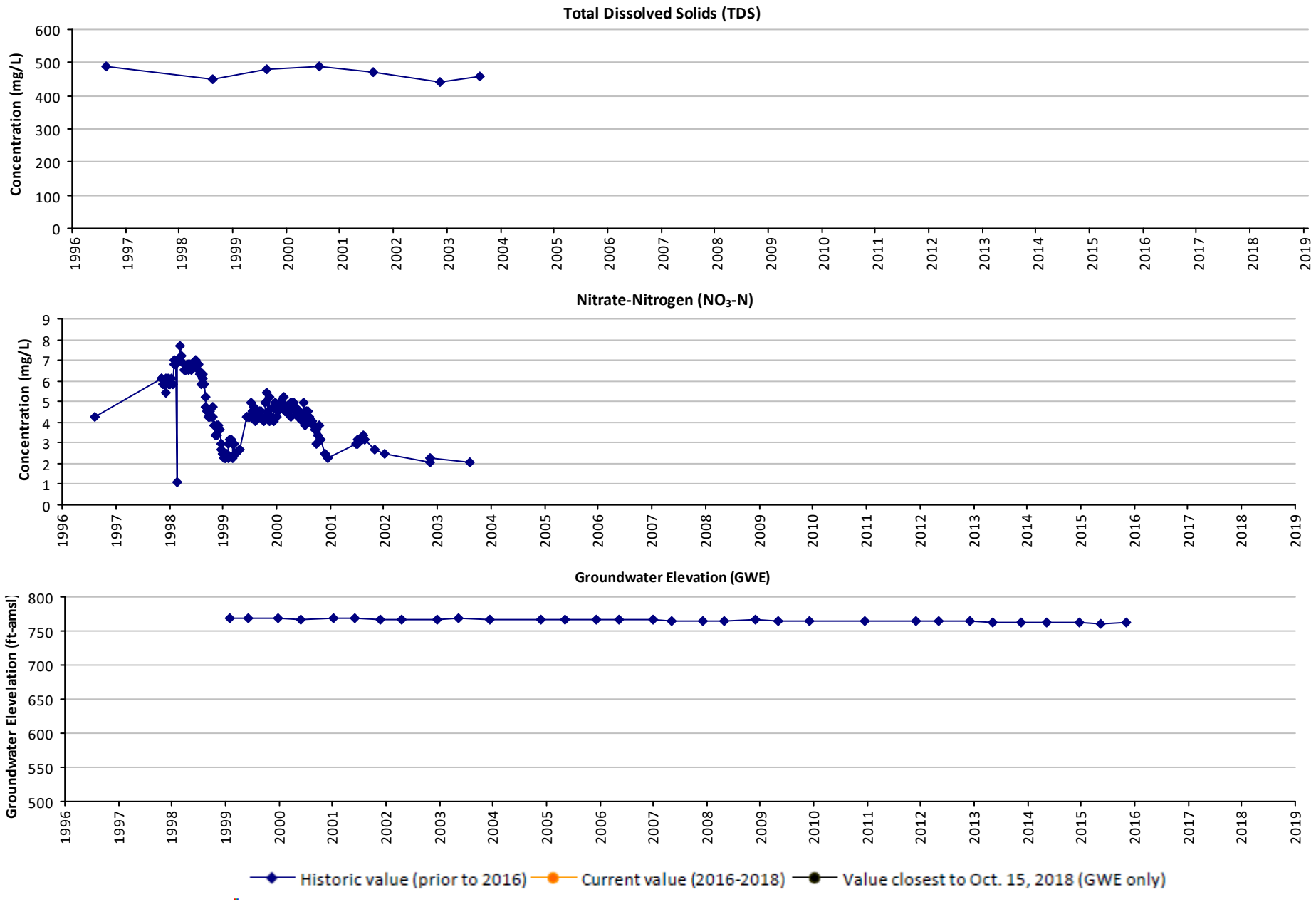

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

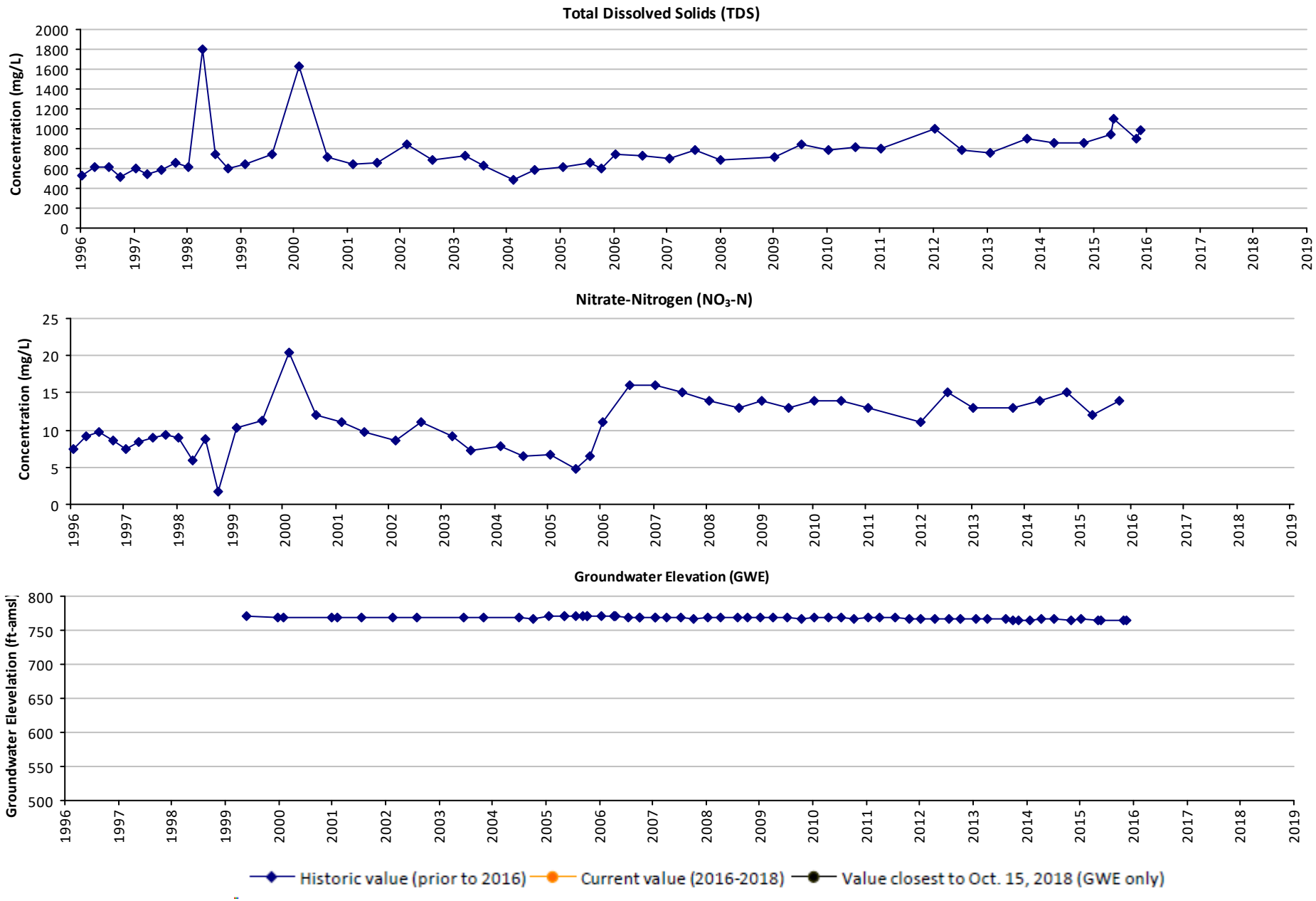

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

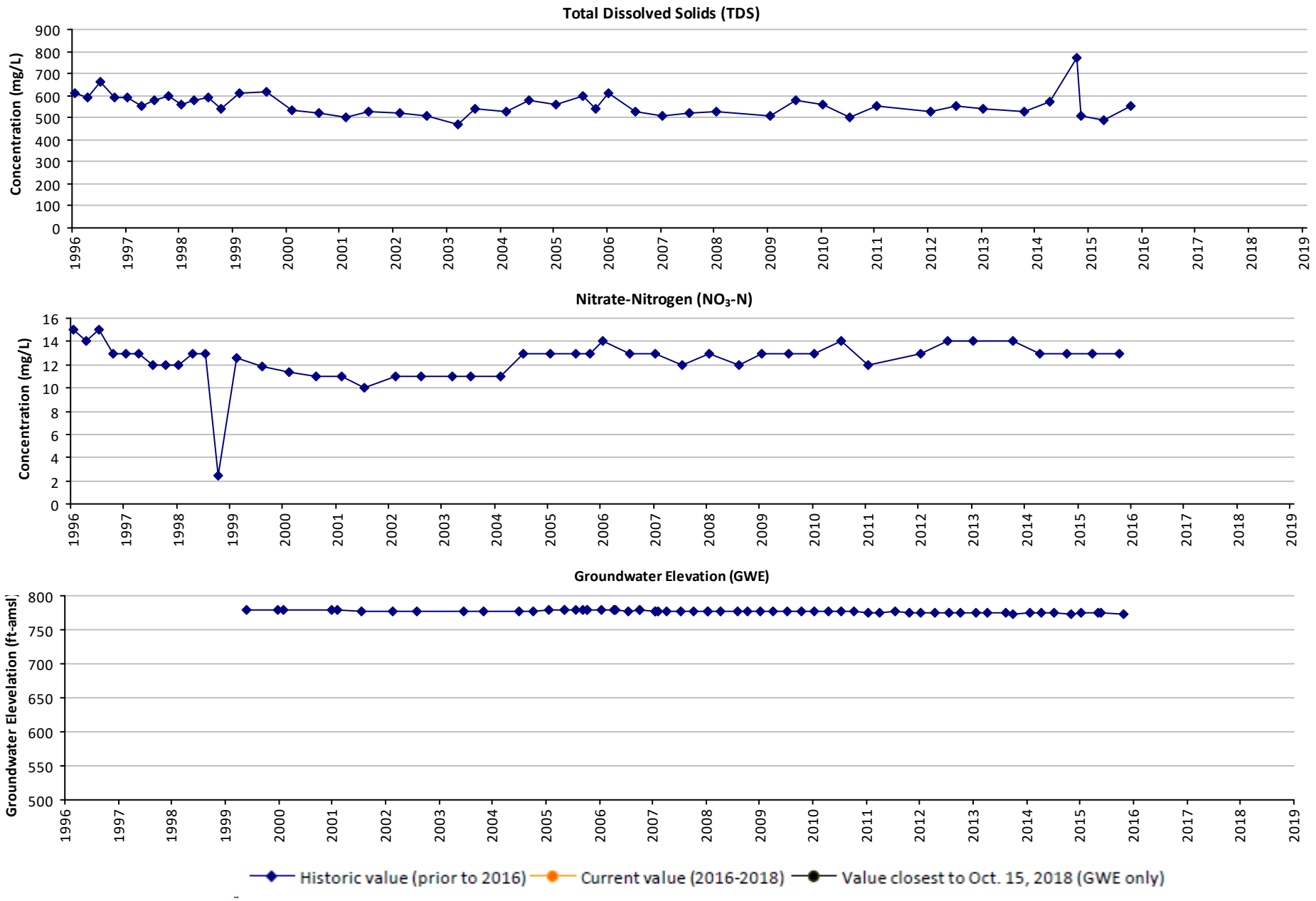

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

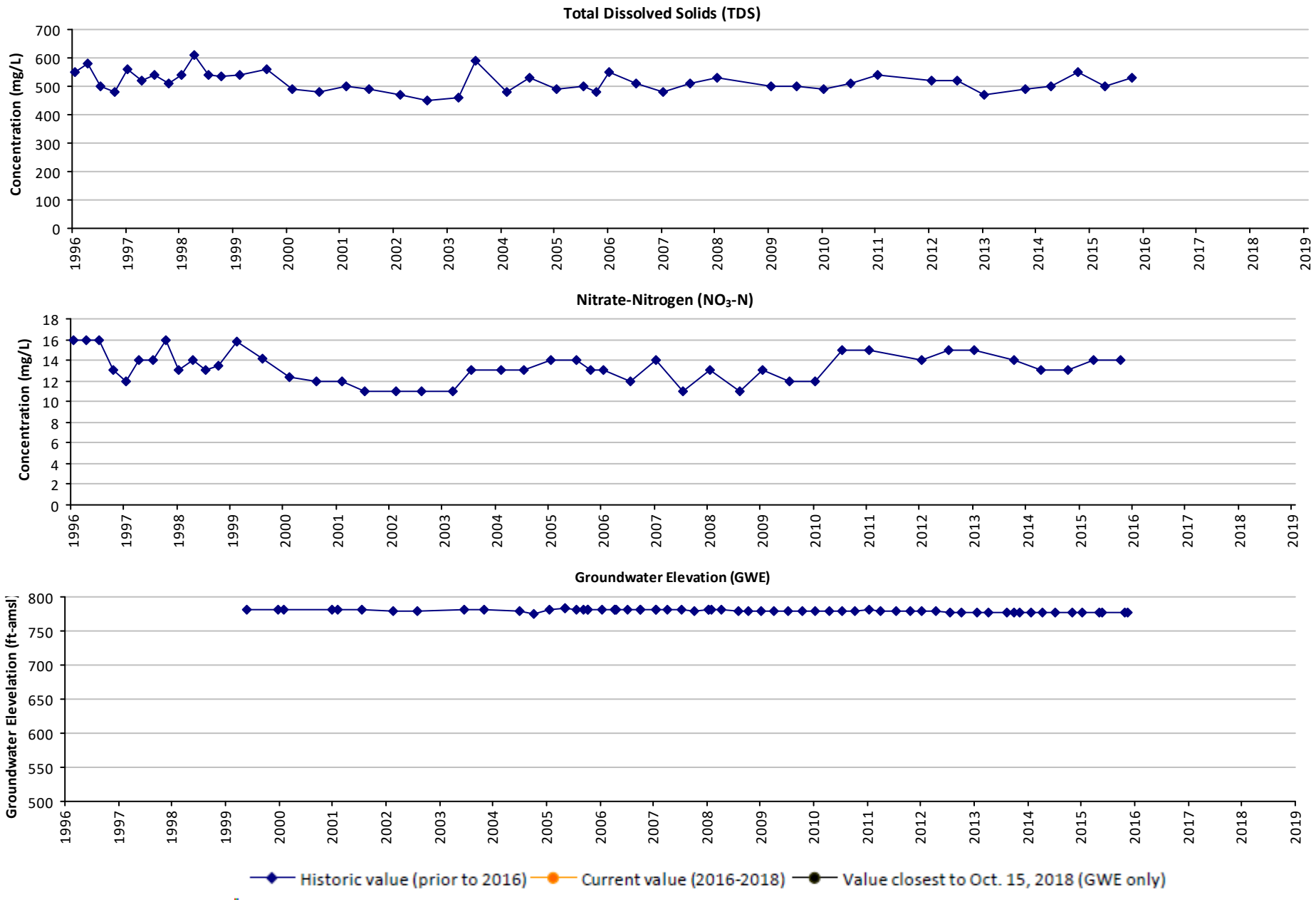

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

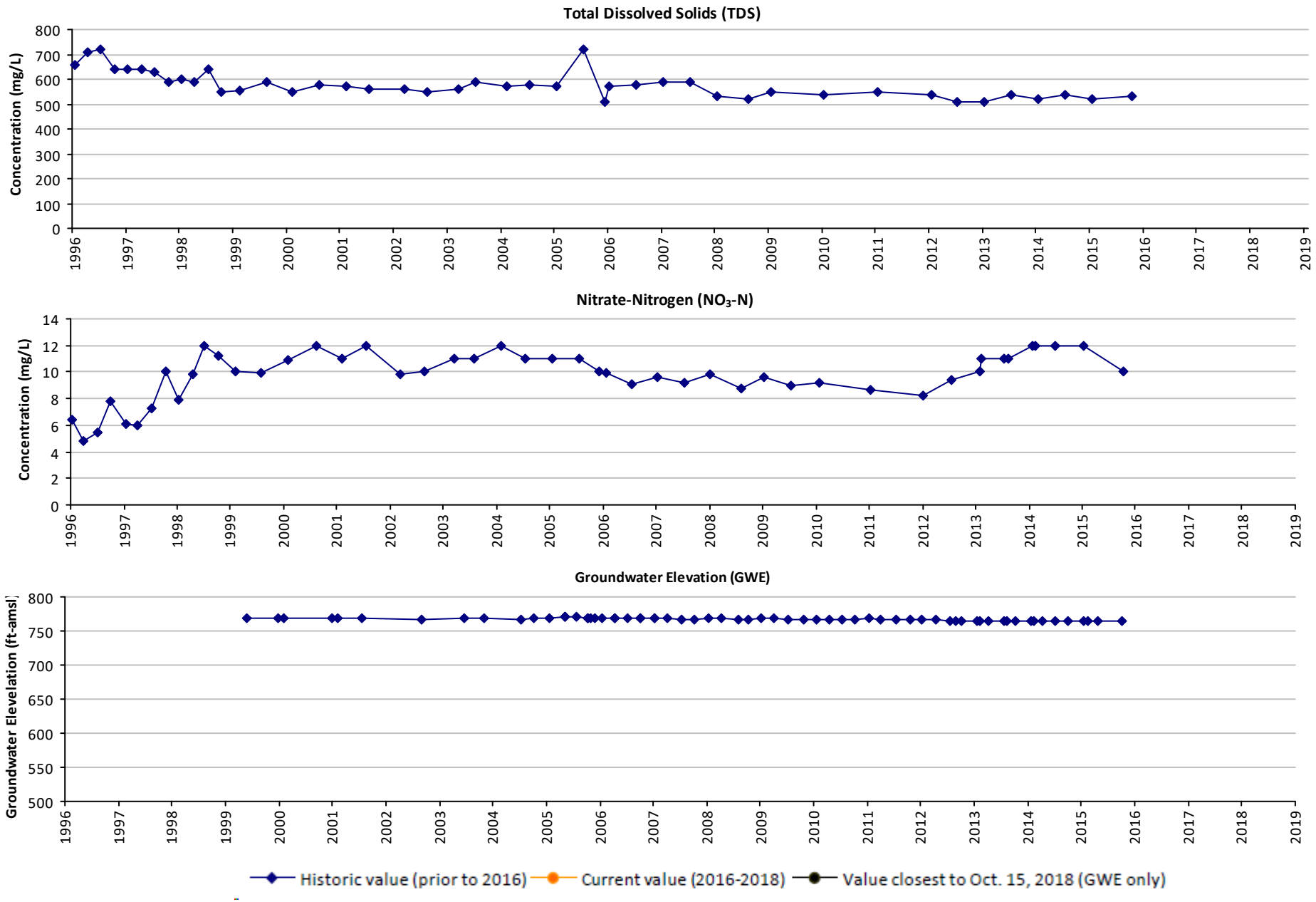

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

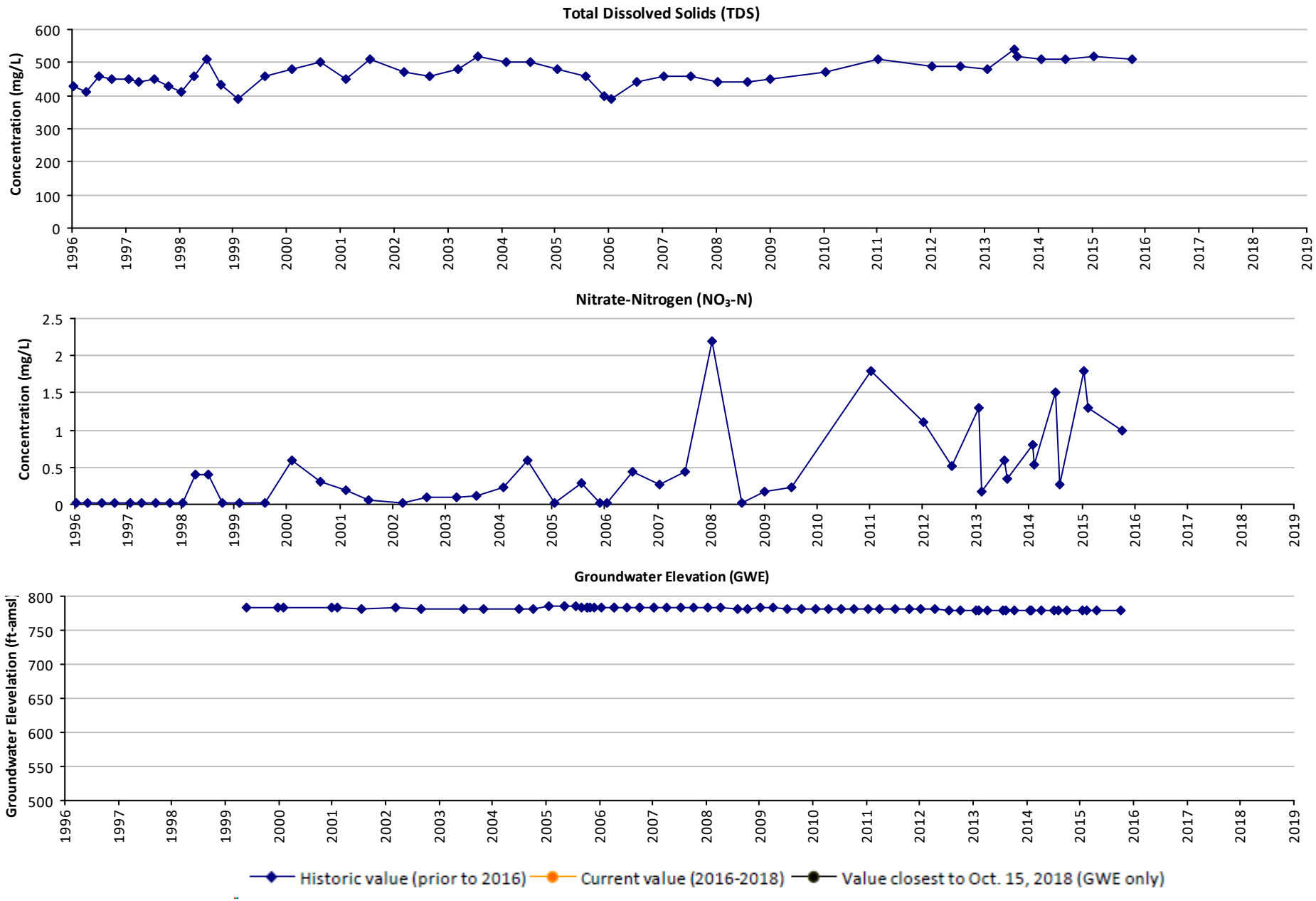

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

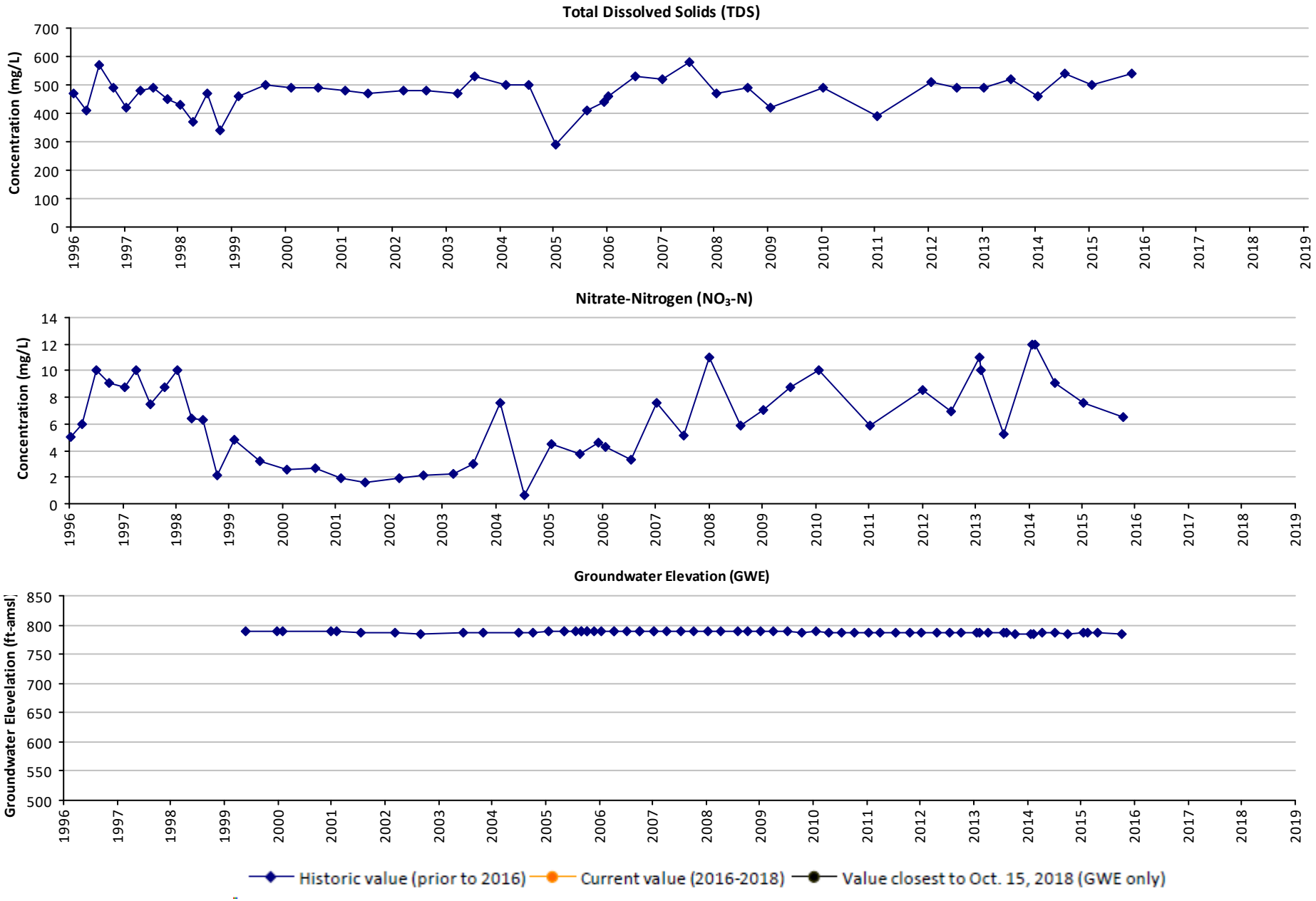

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

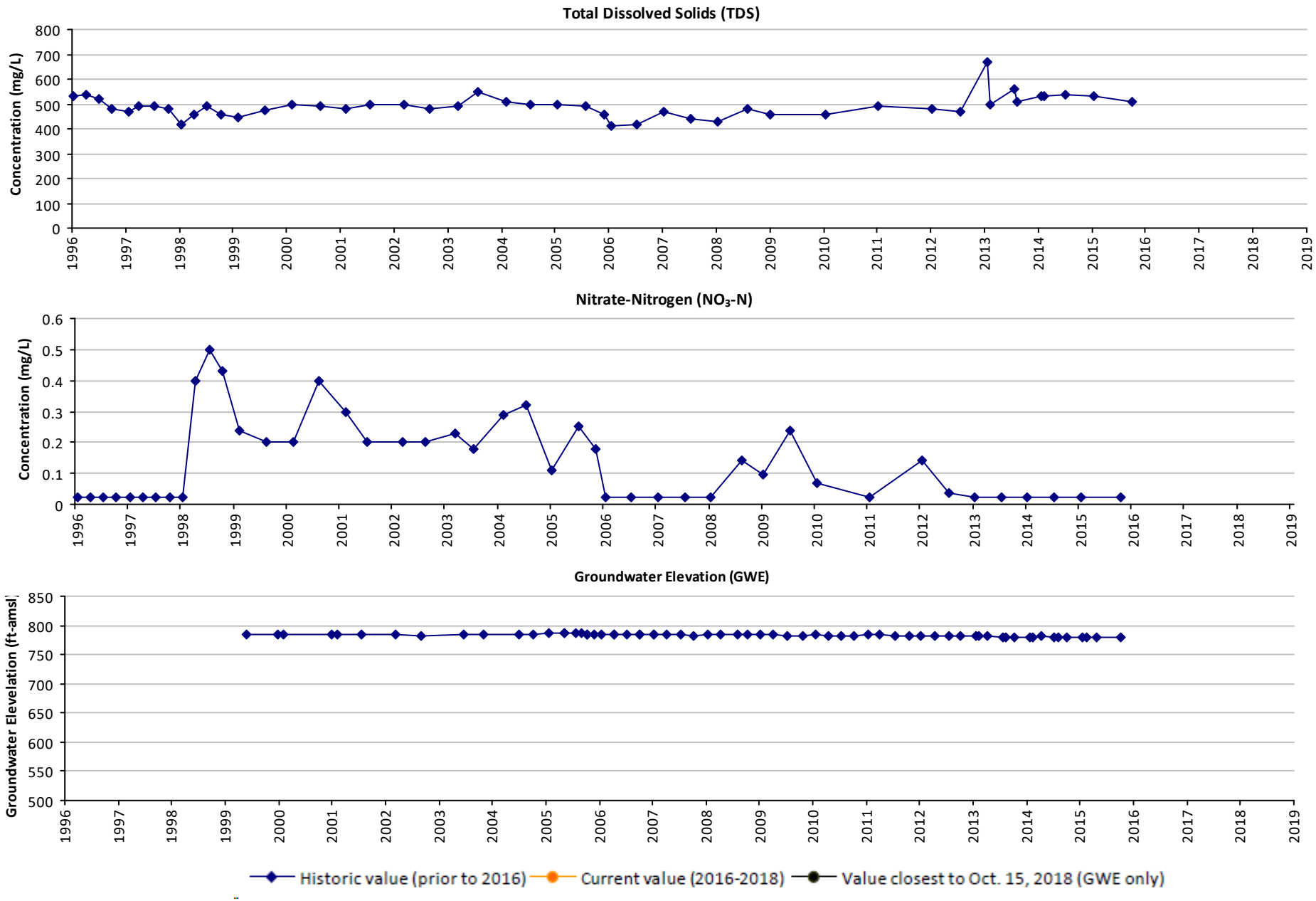

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

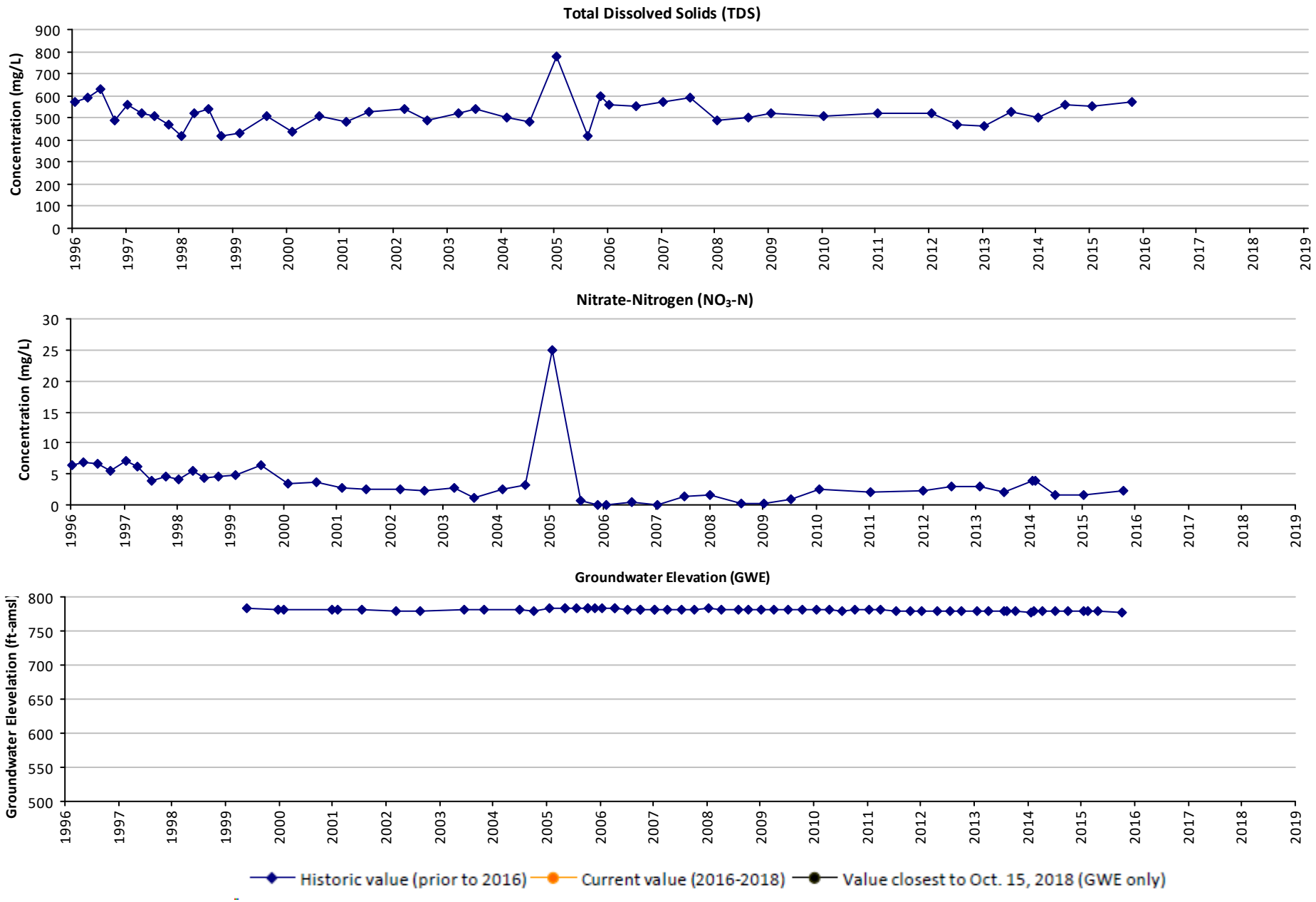

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

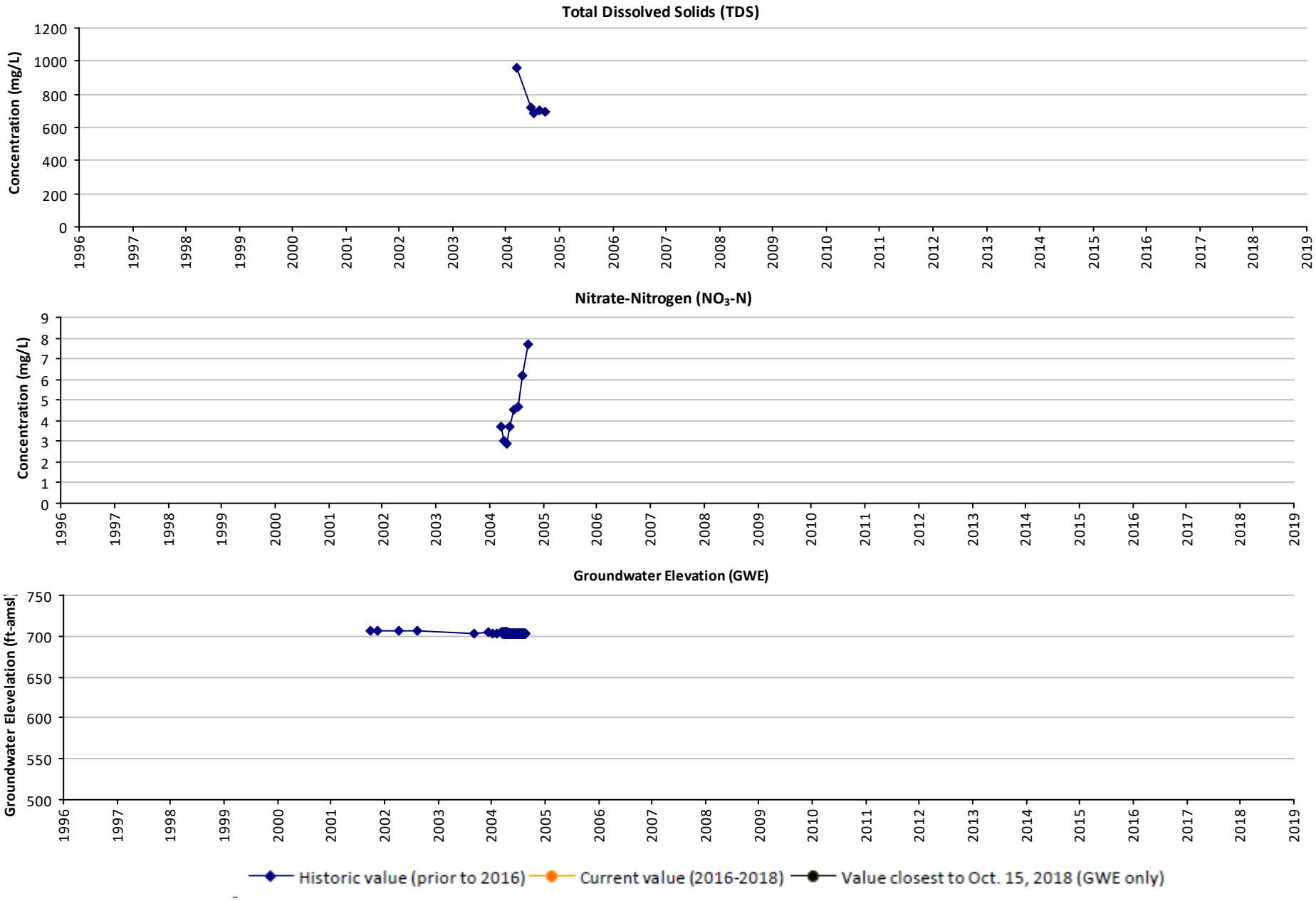

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

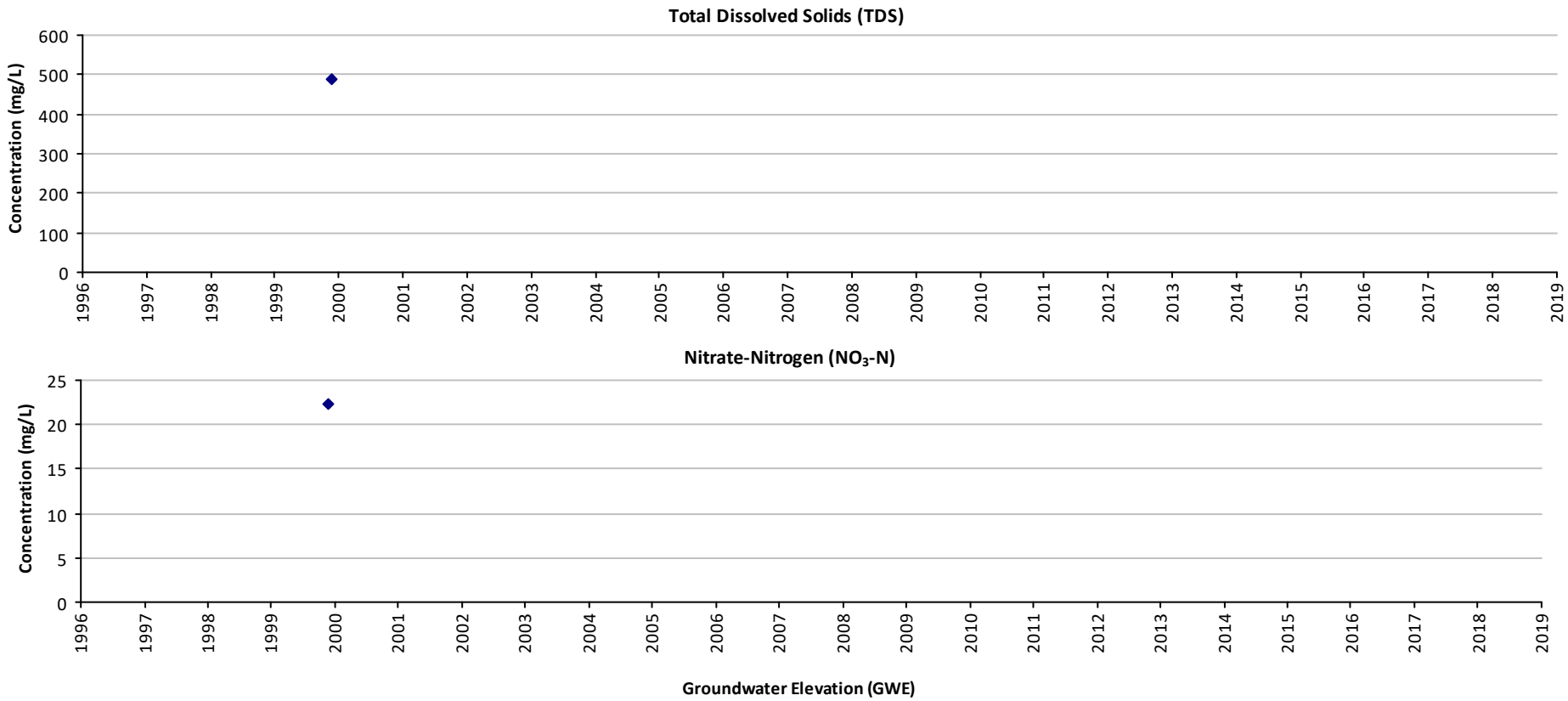

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

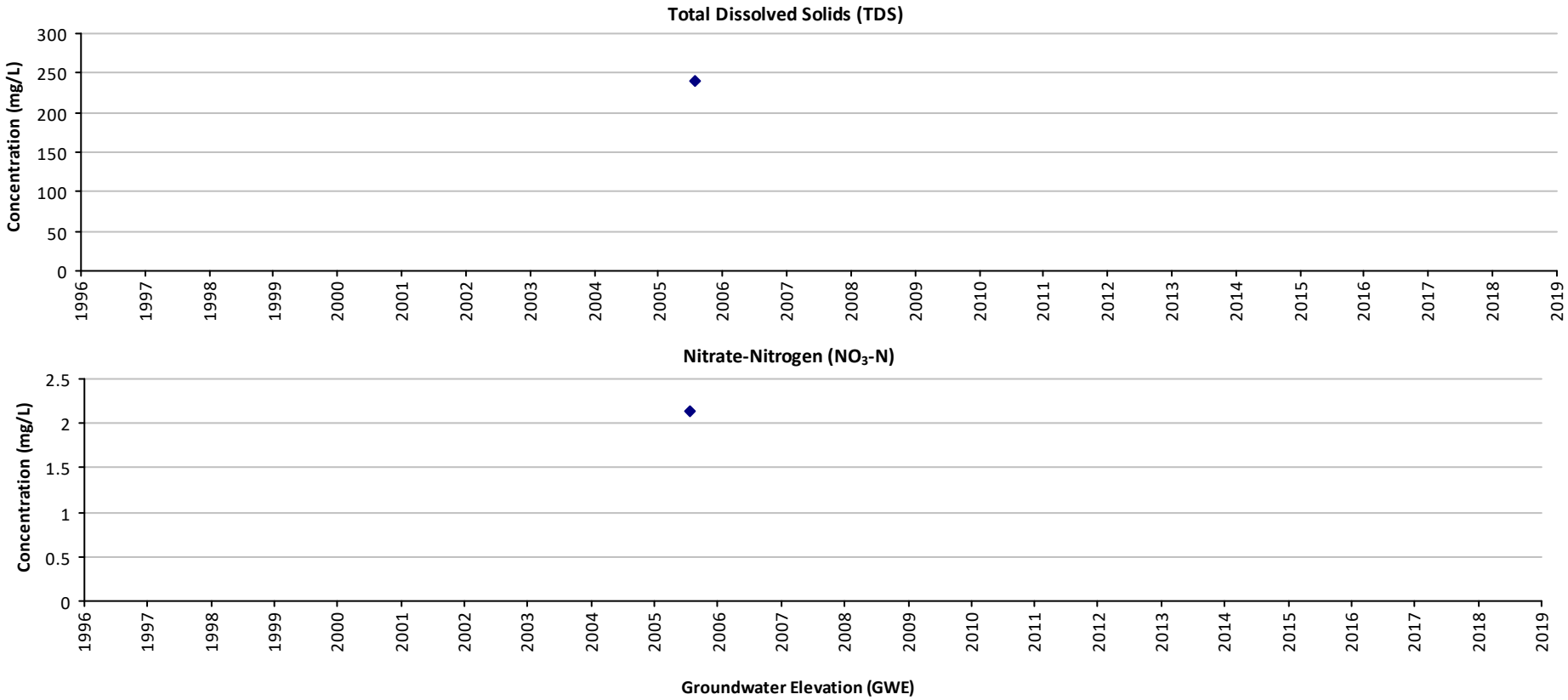

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

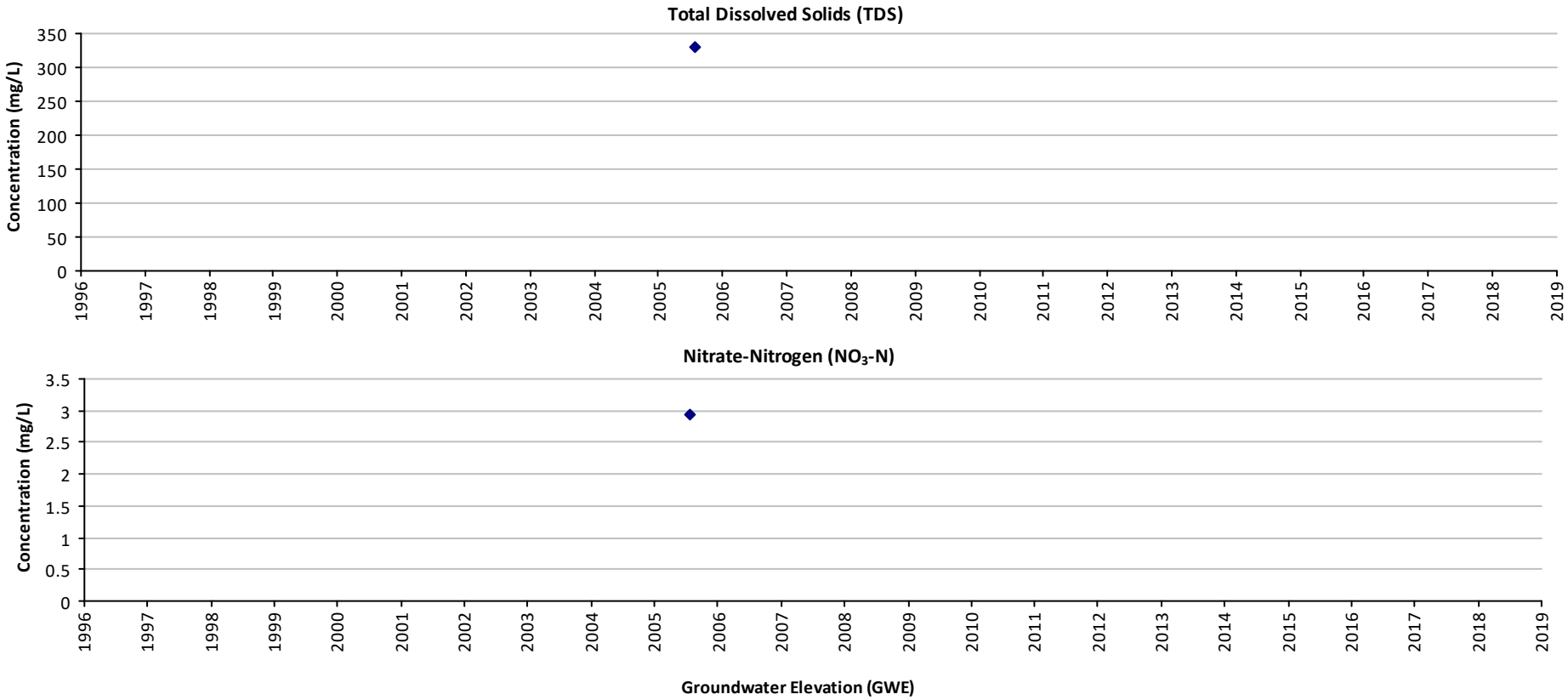

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

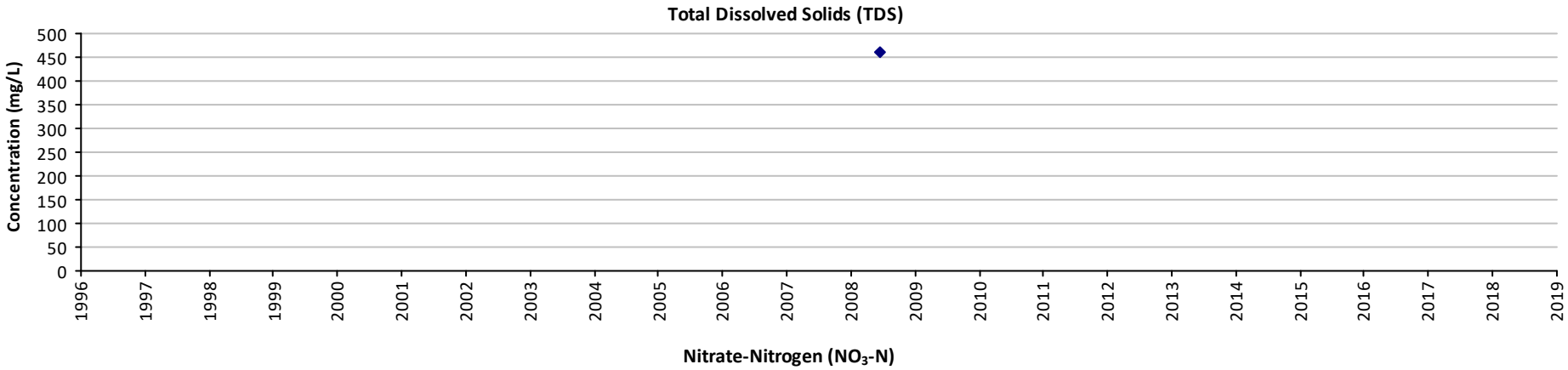

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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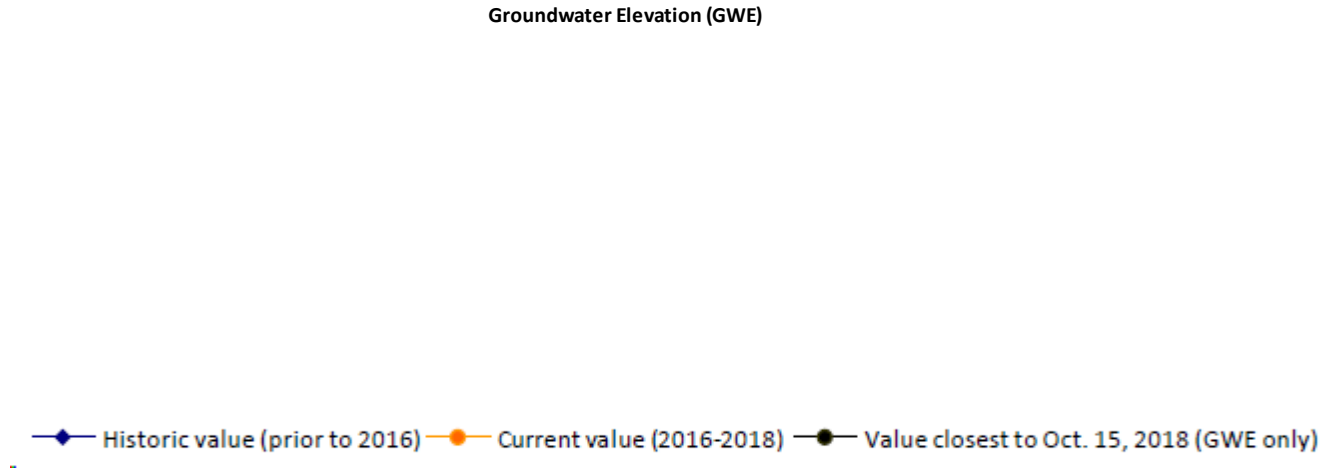
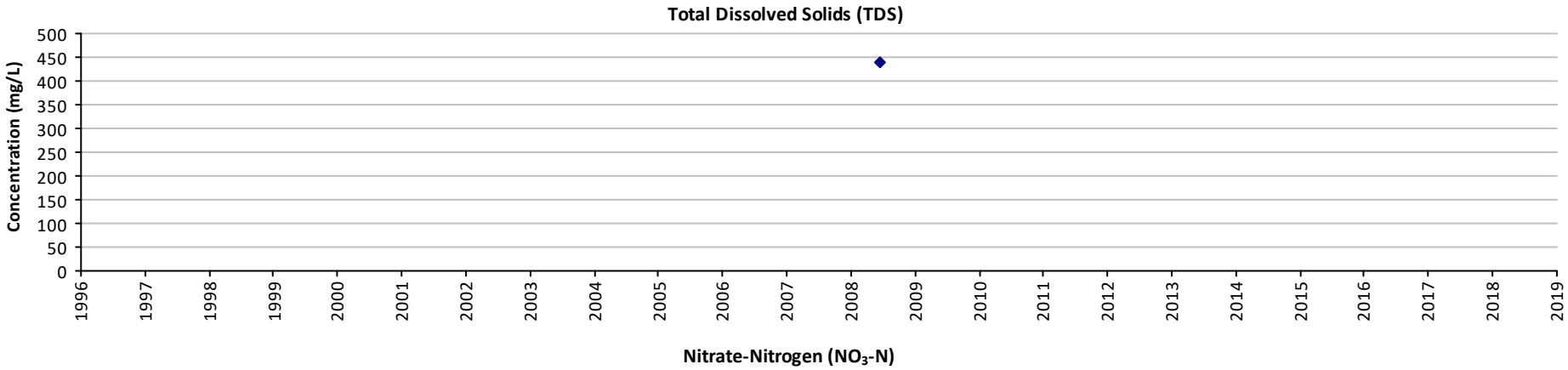
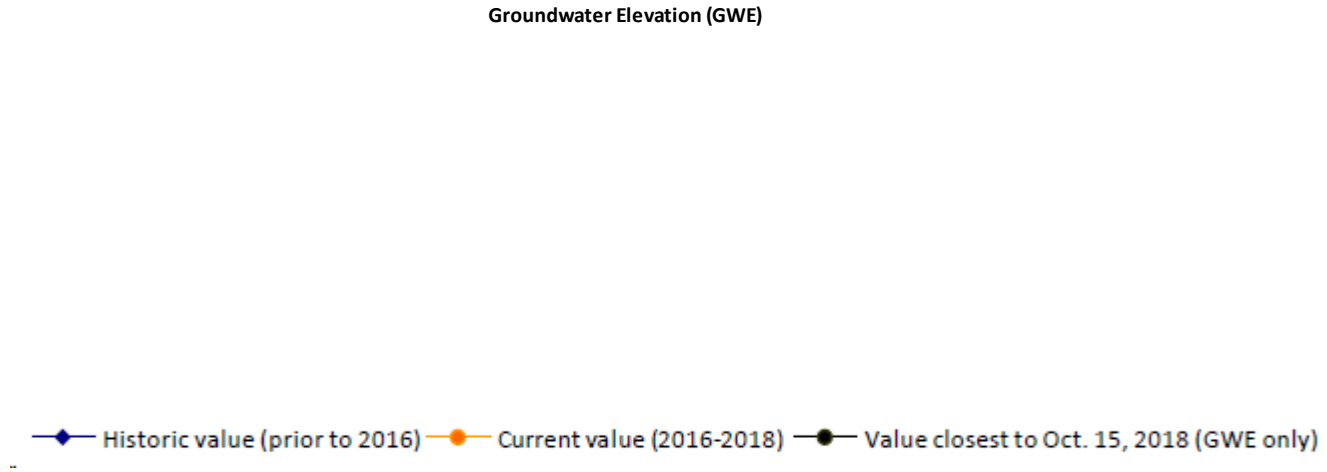
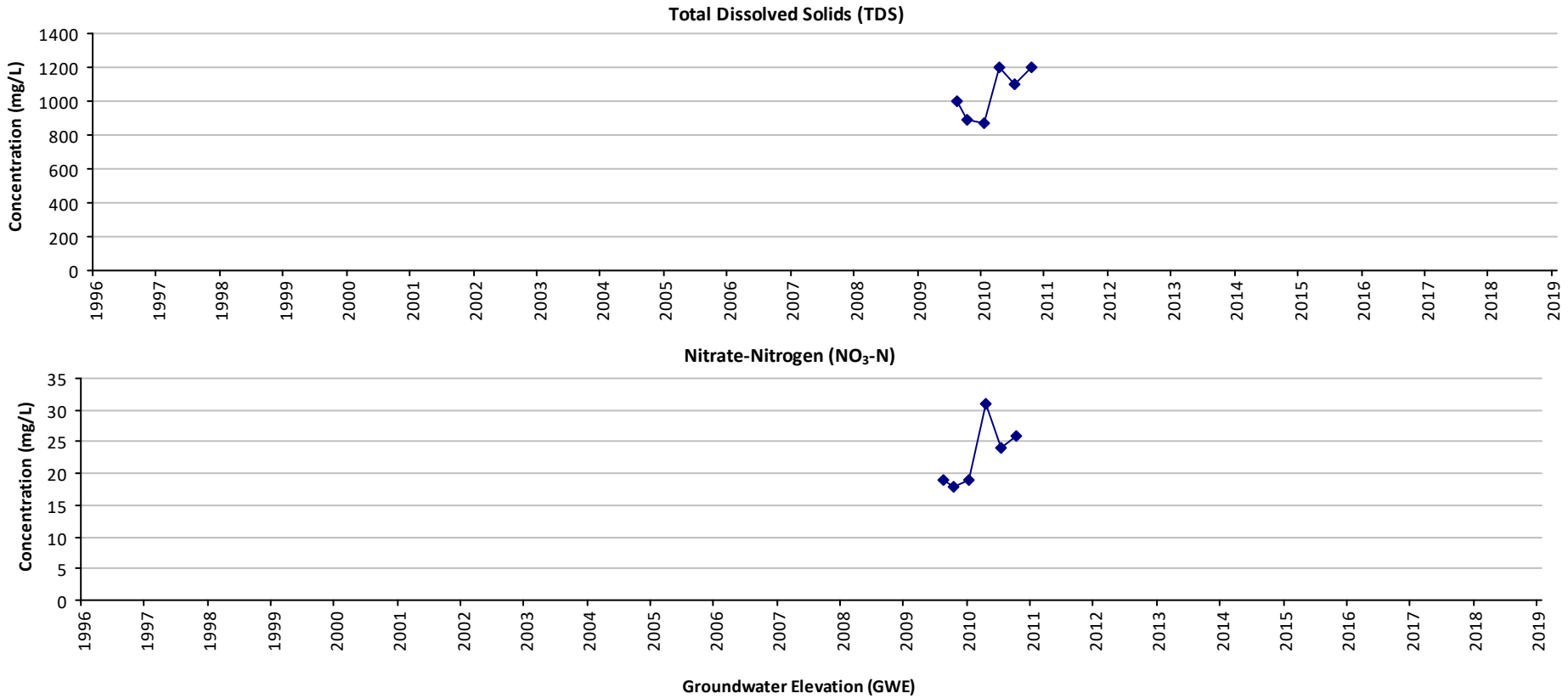
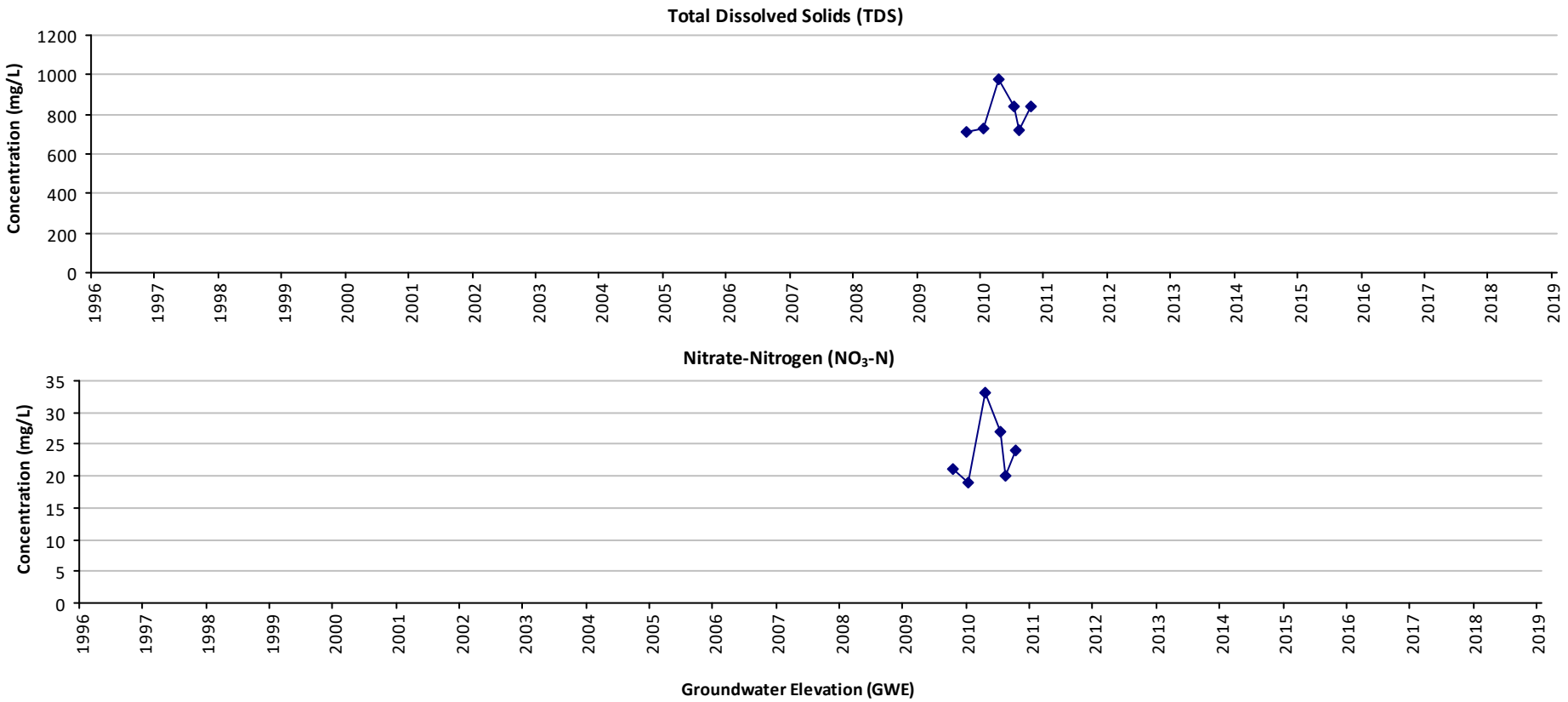
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

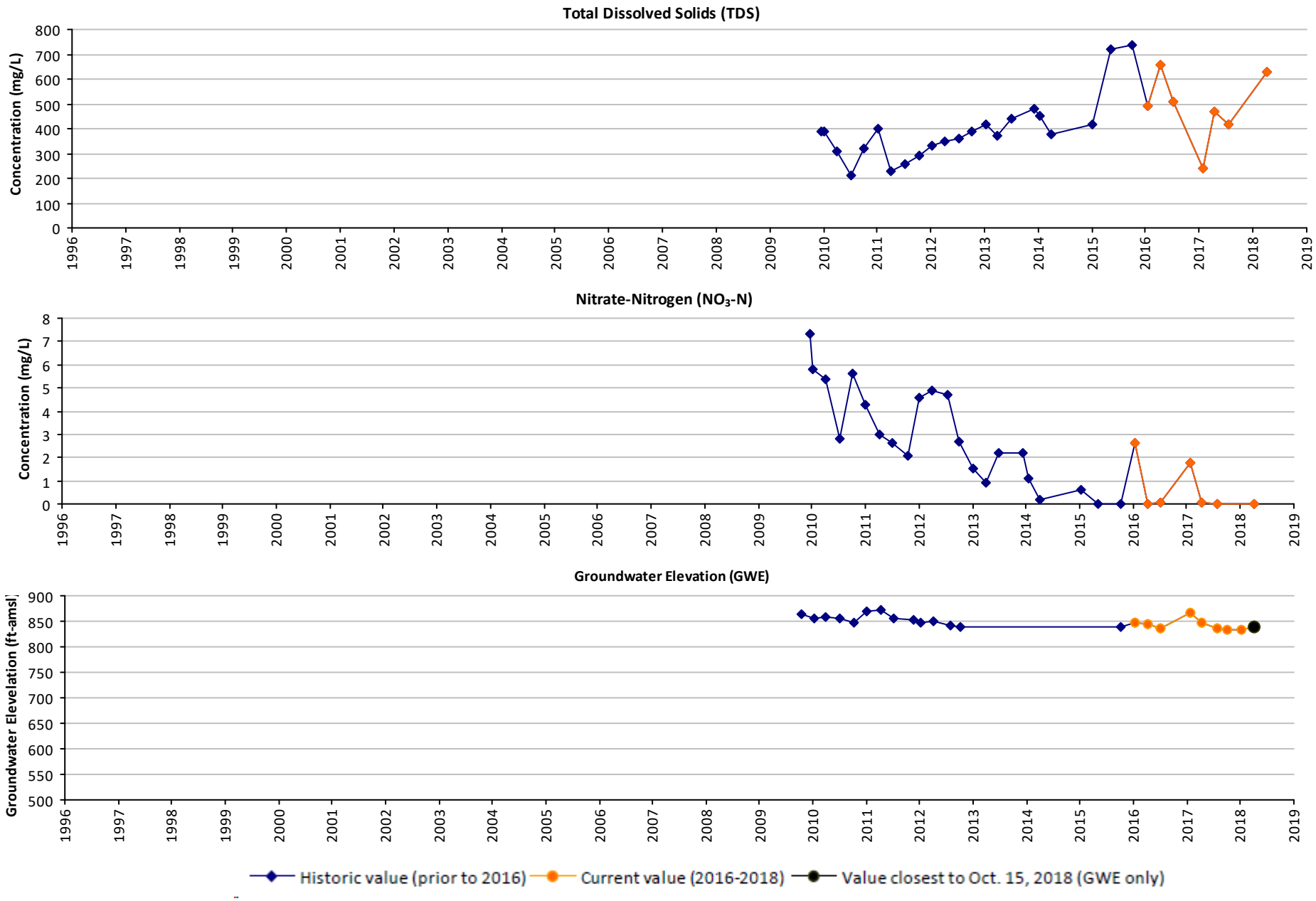

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

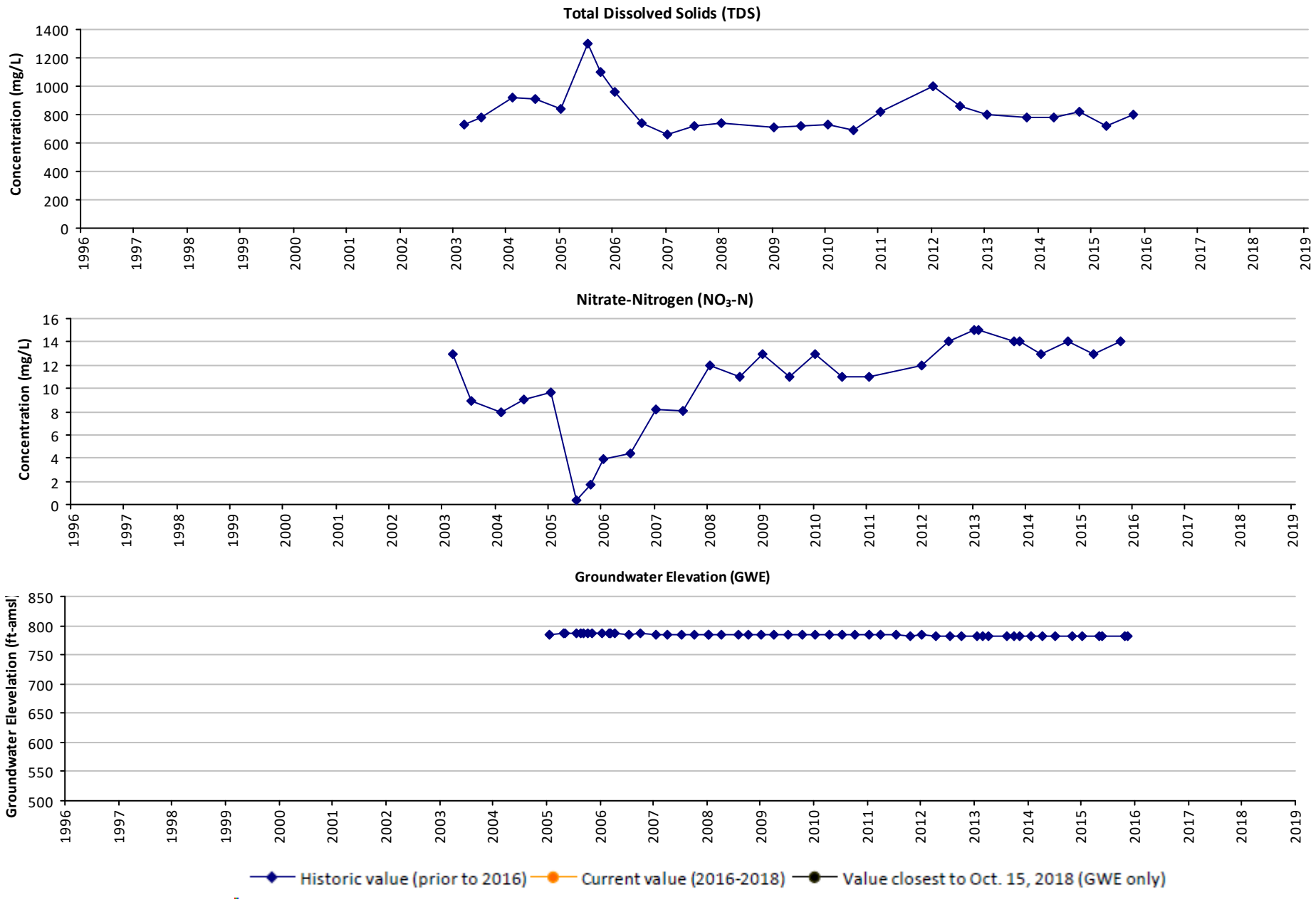

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

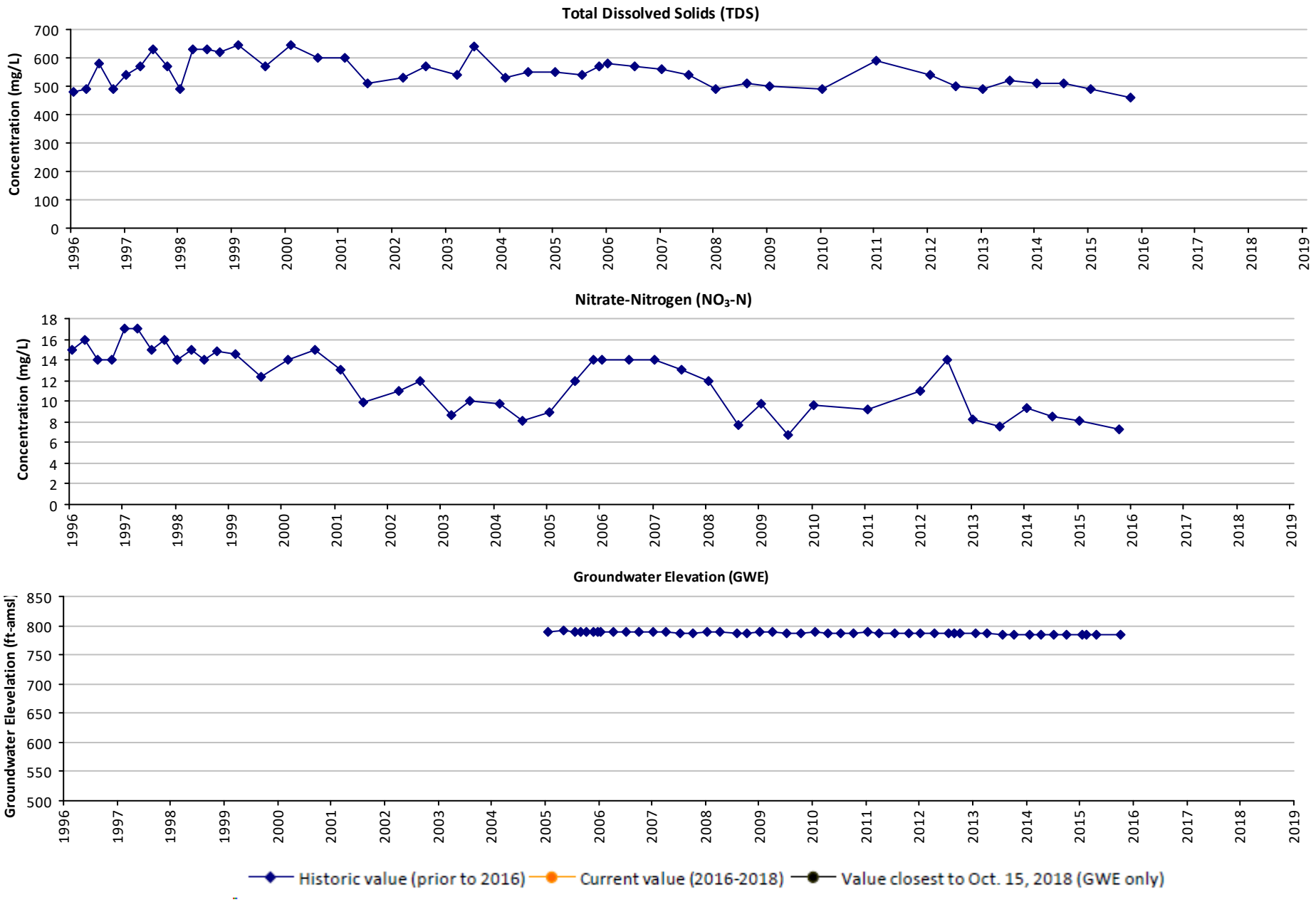

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

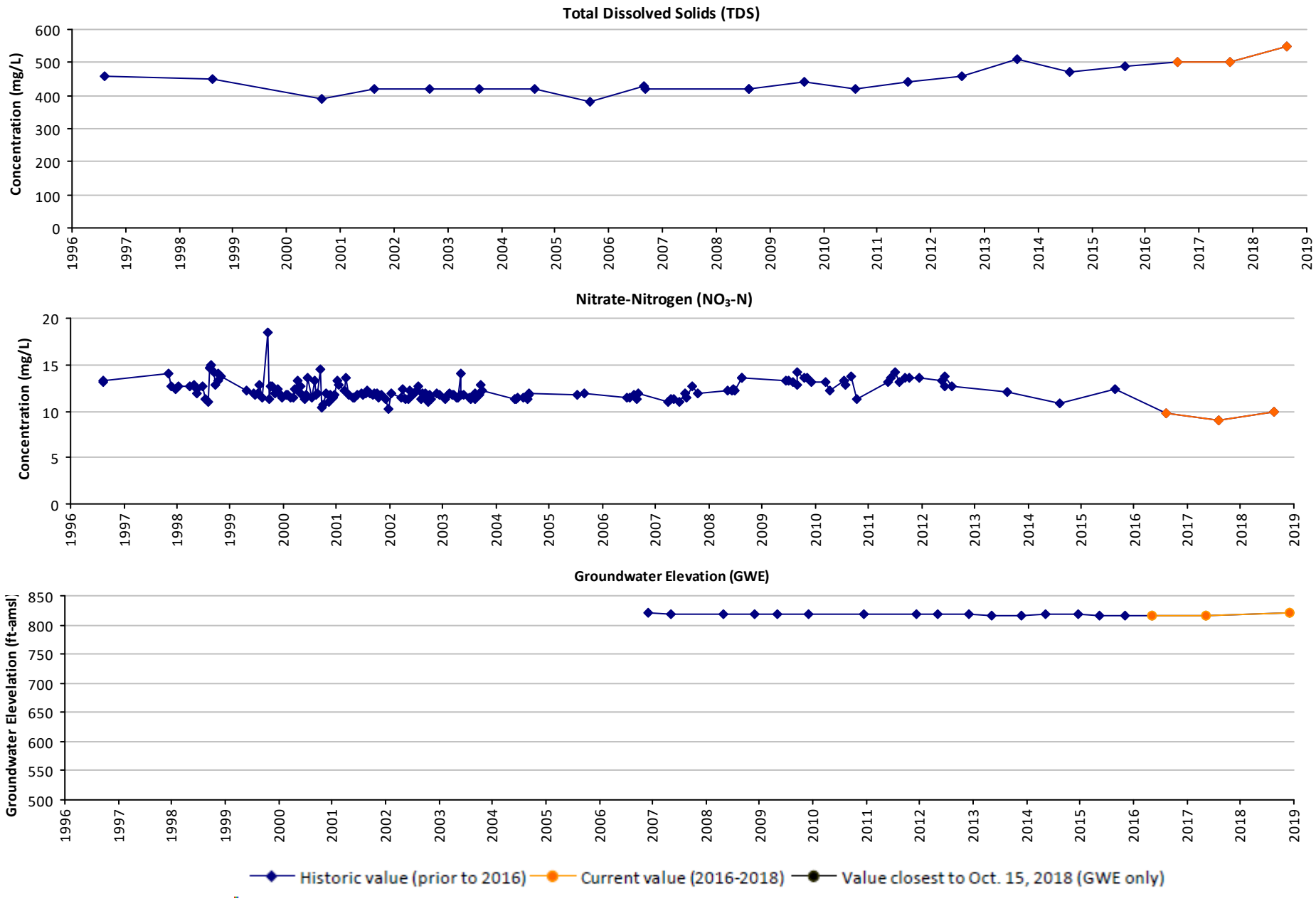

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

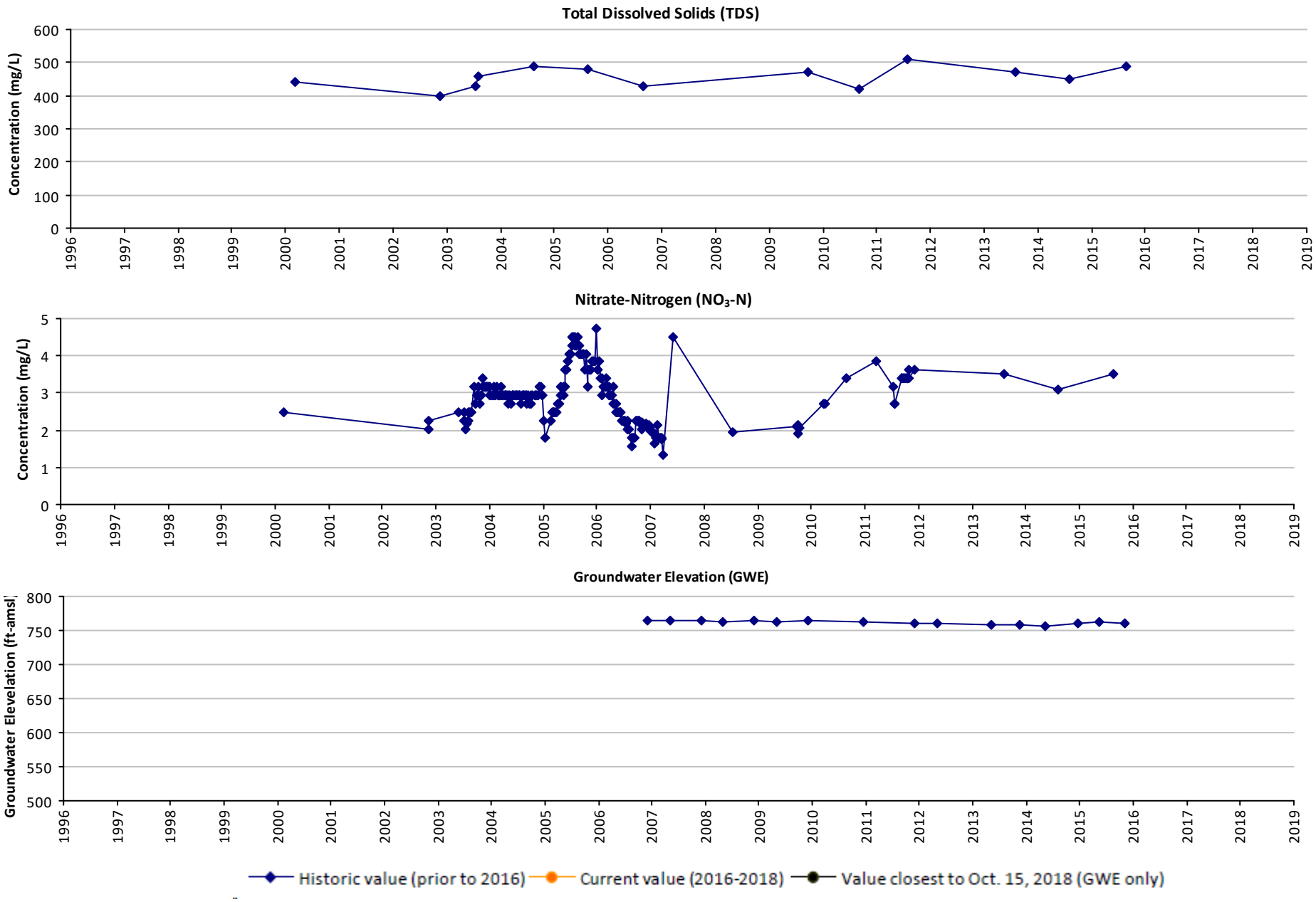

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

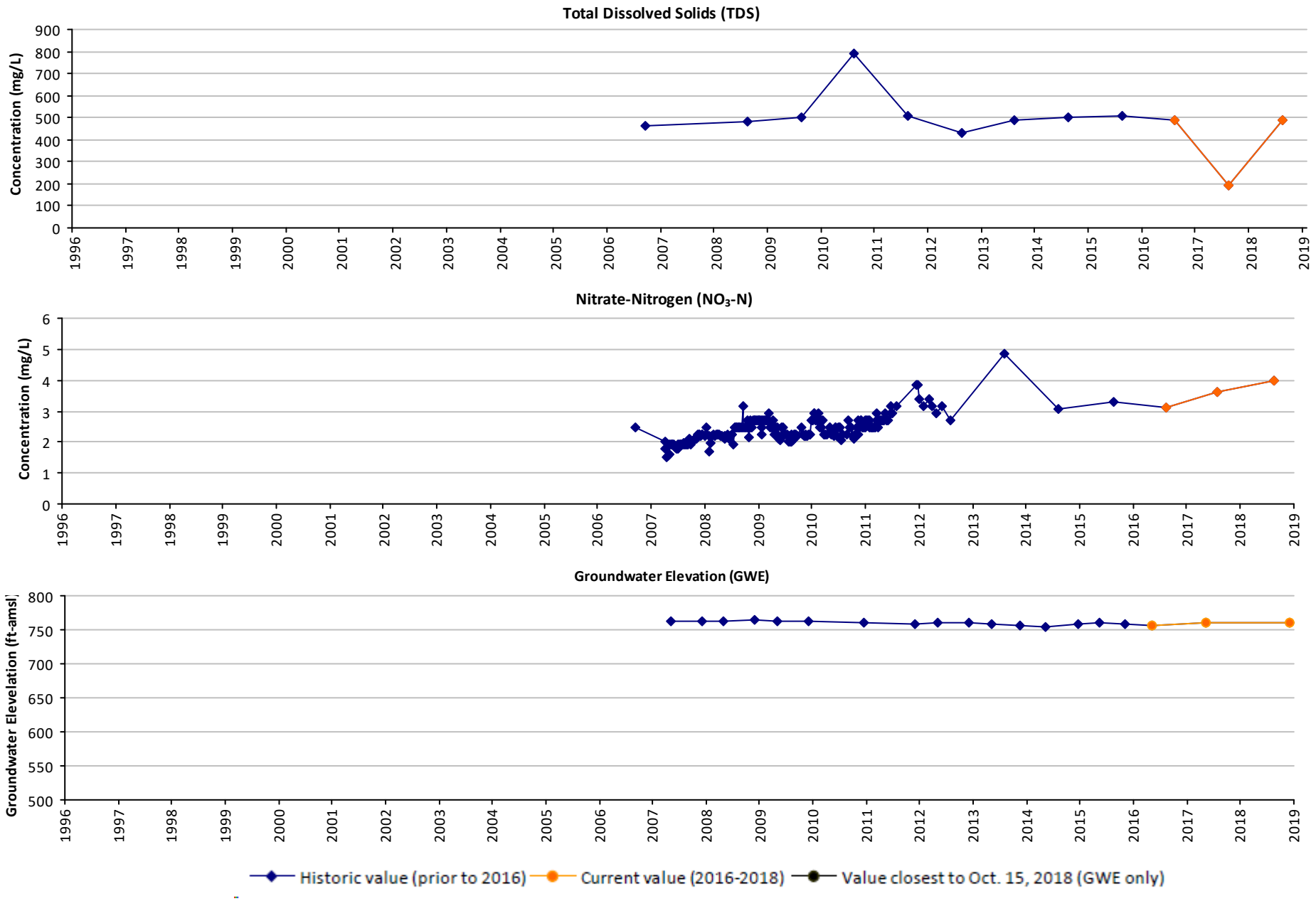

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

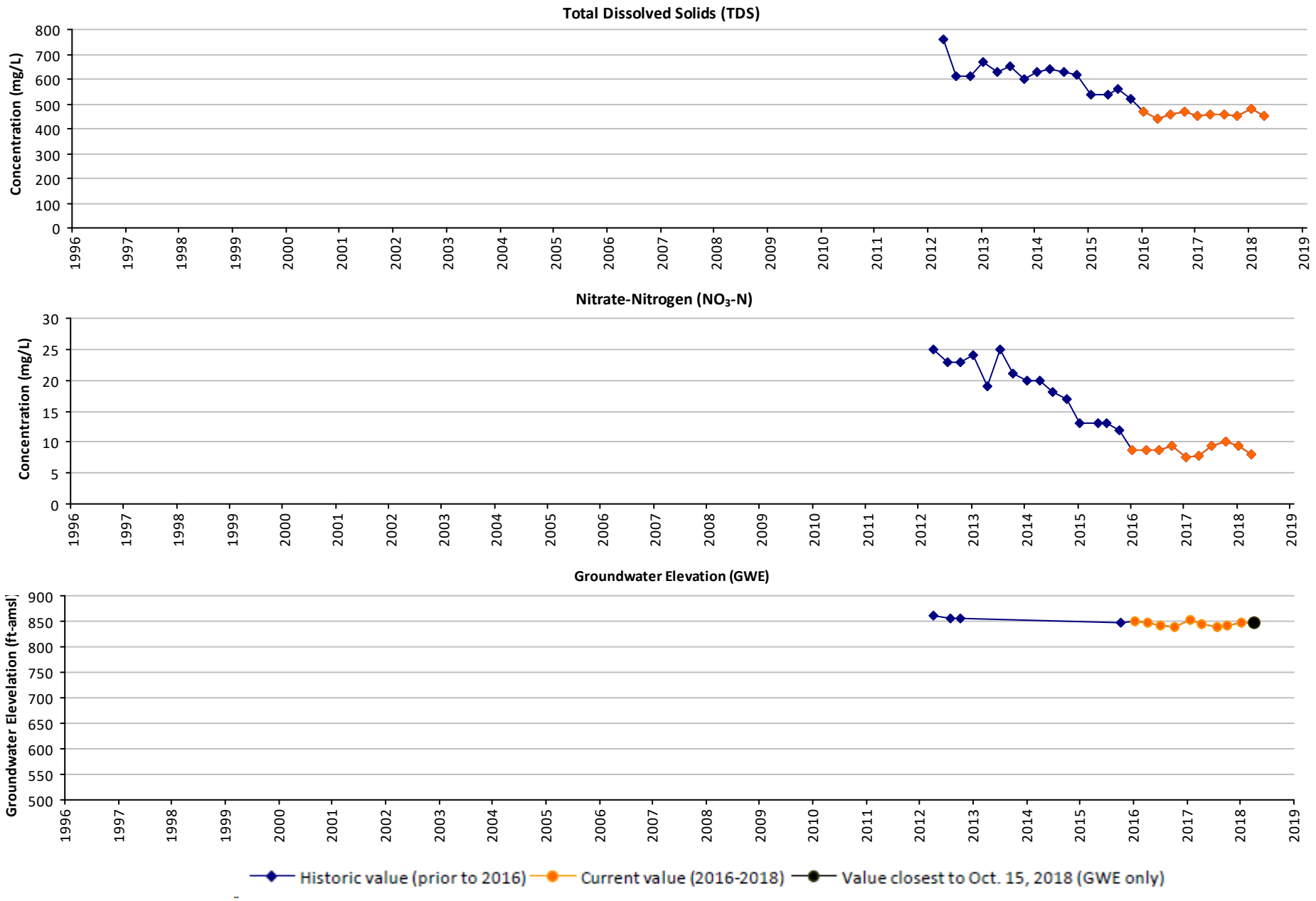

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

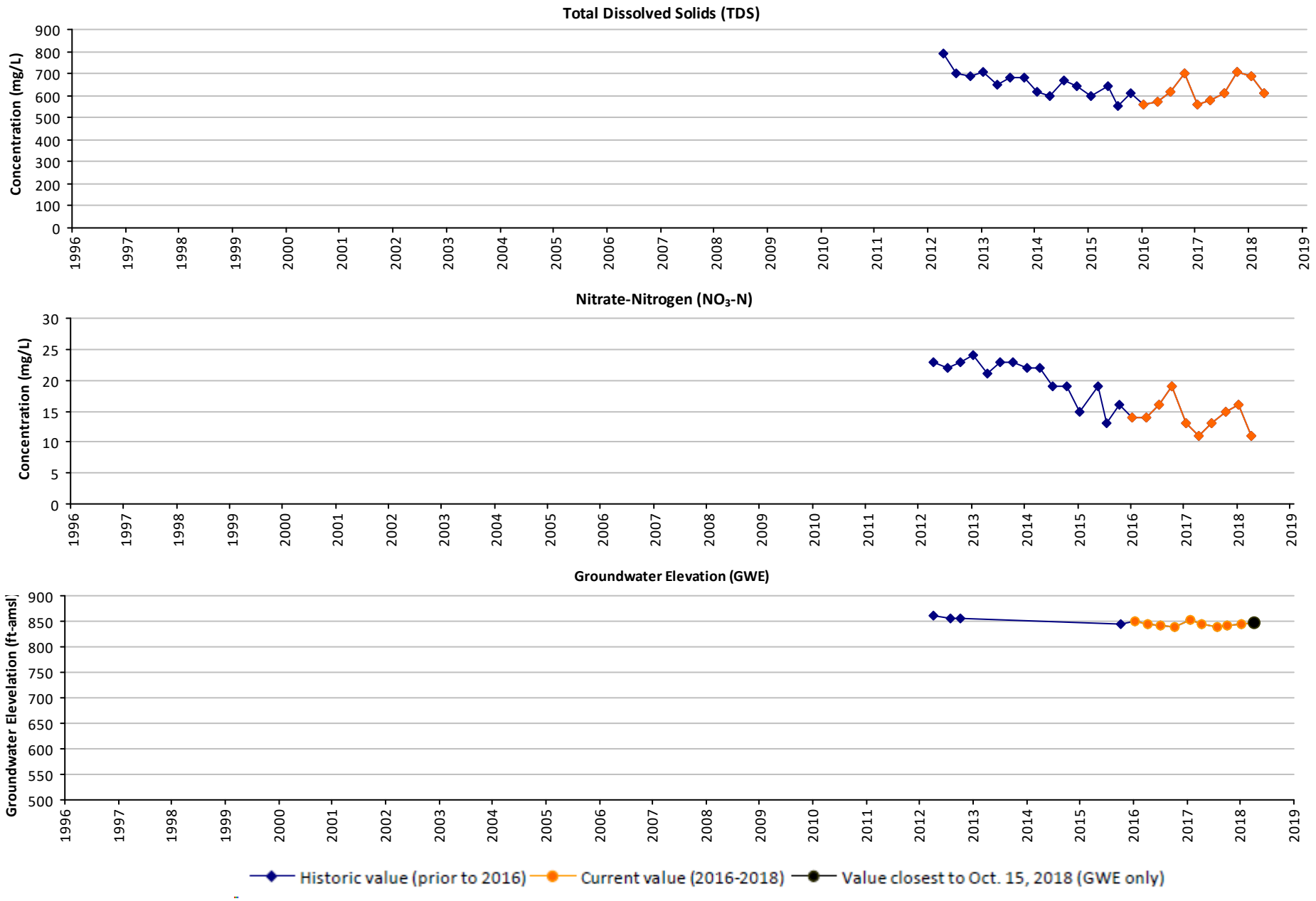

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

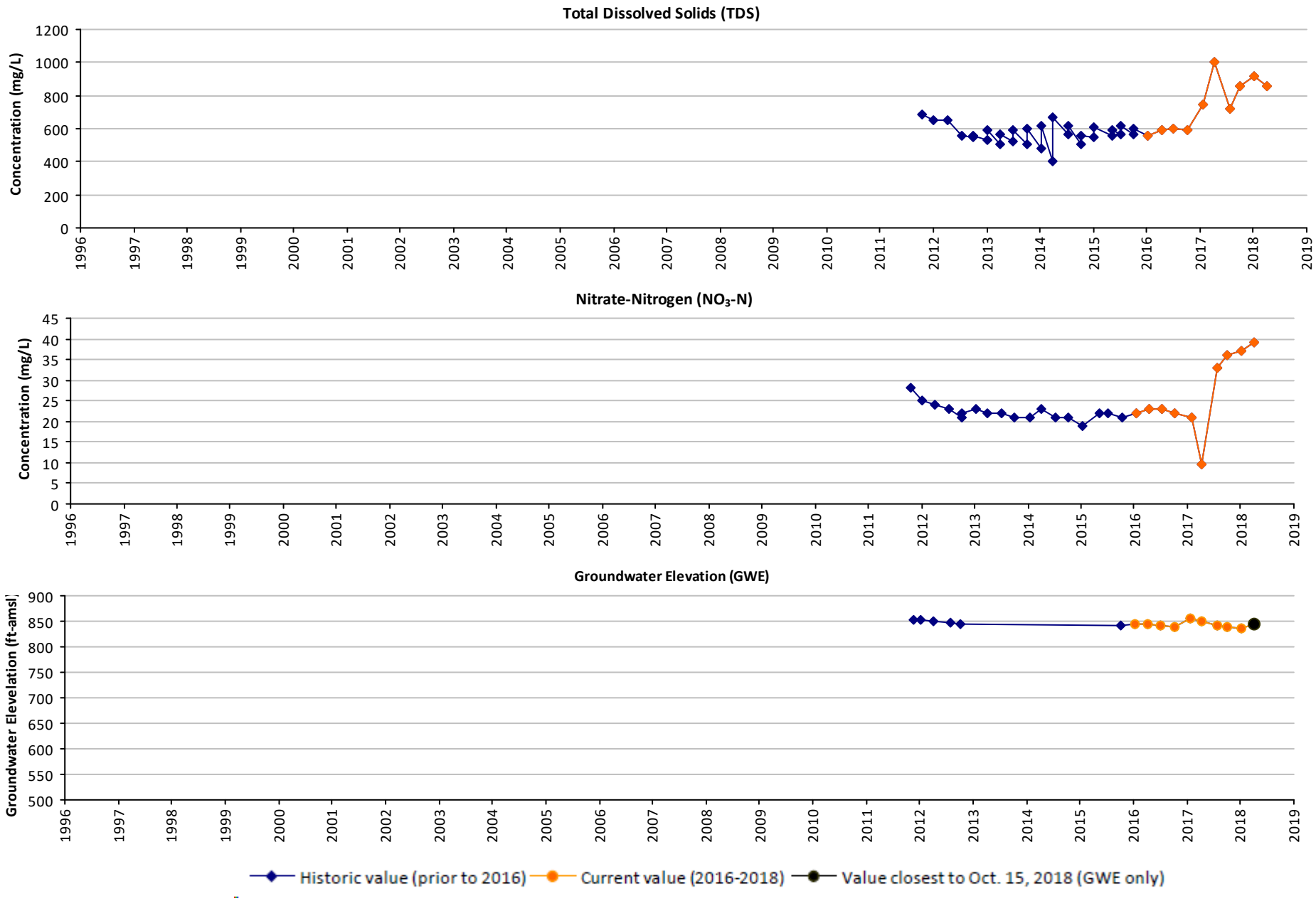

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

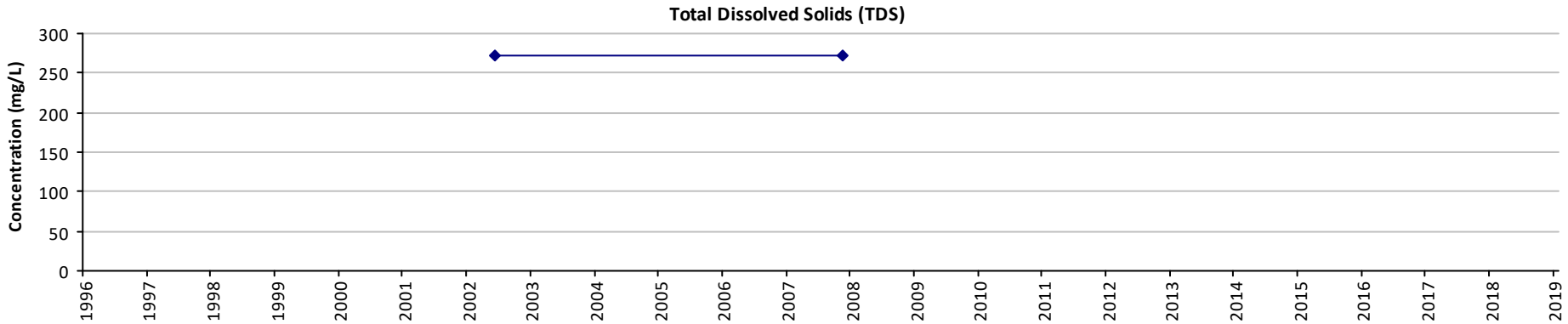

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

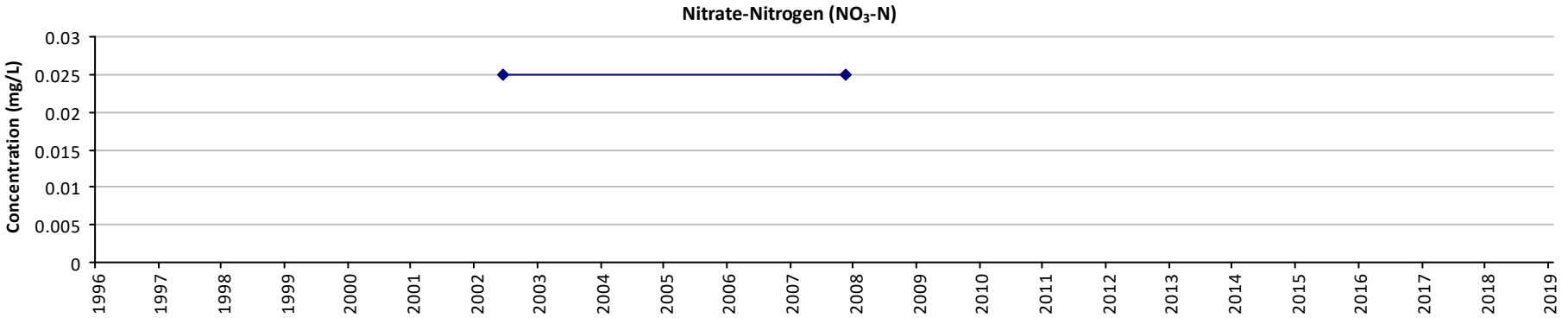

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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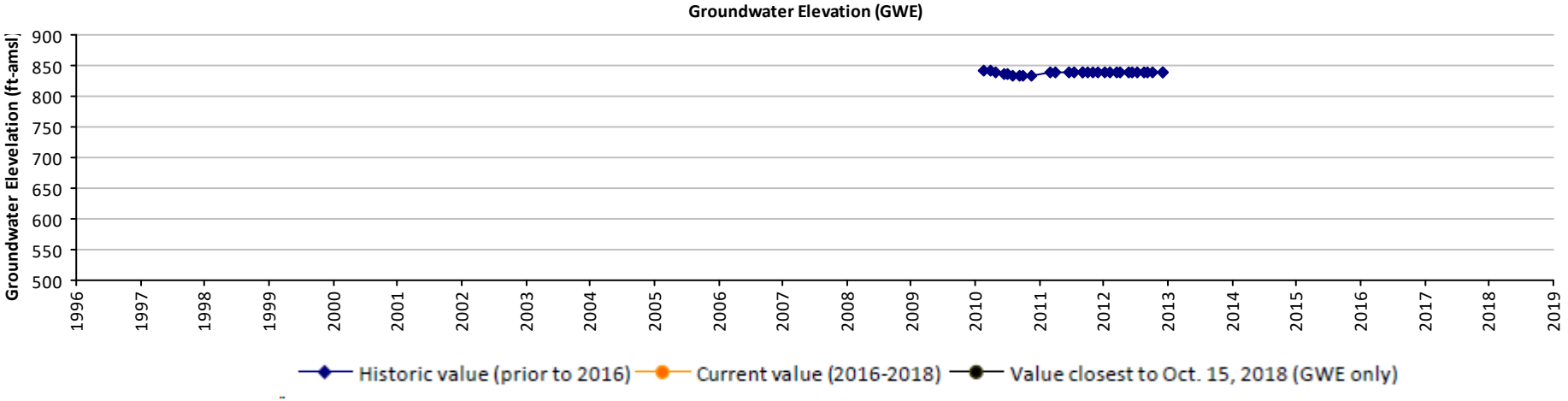
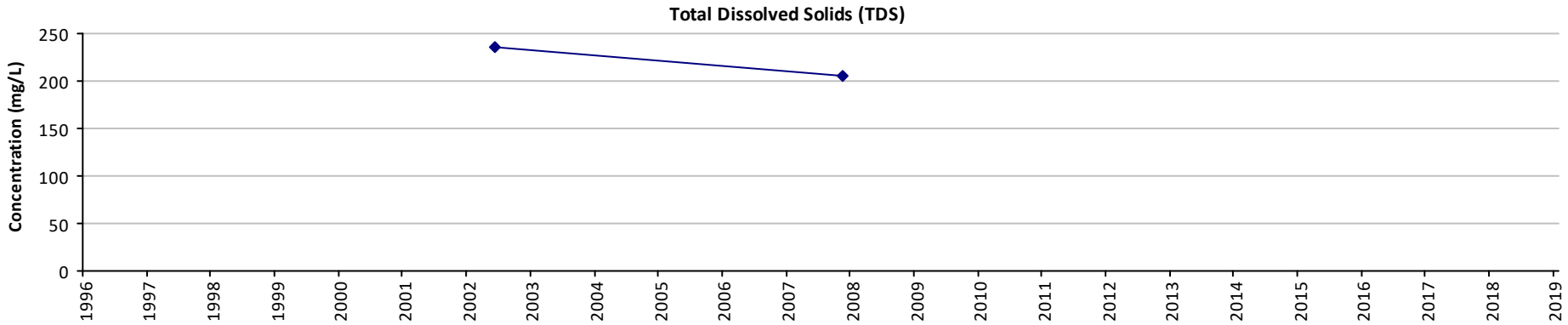
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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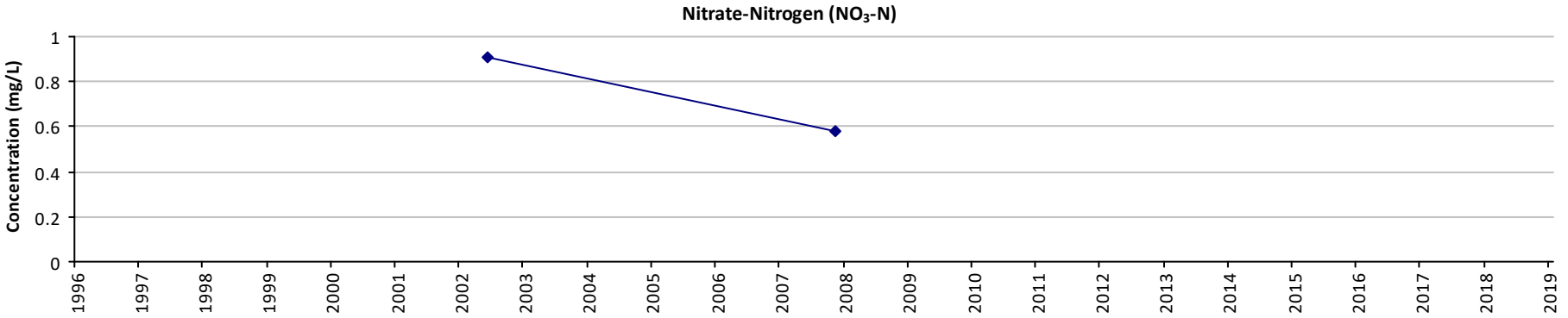
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
2011
2012
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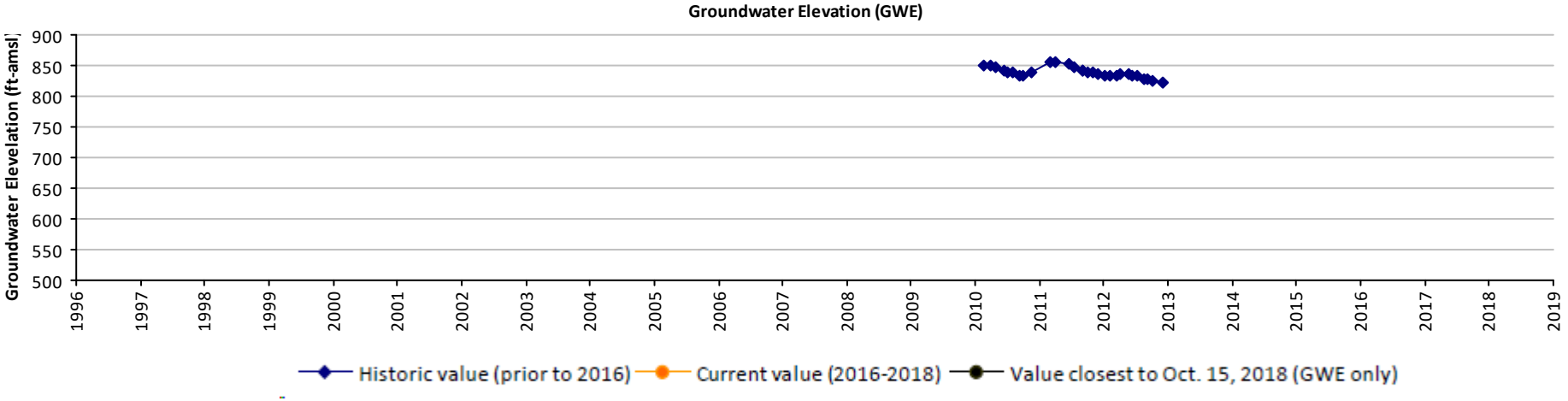
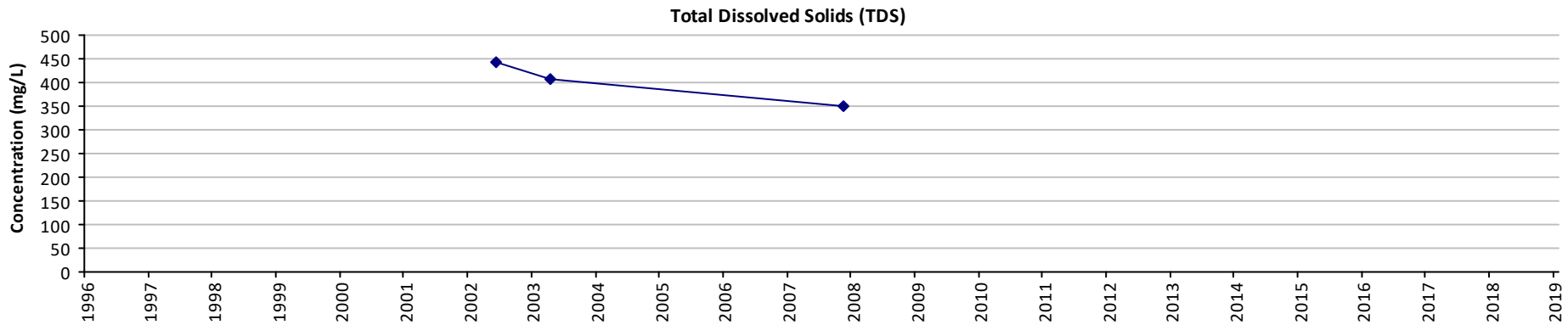
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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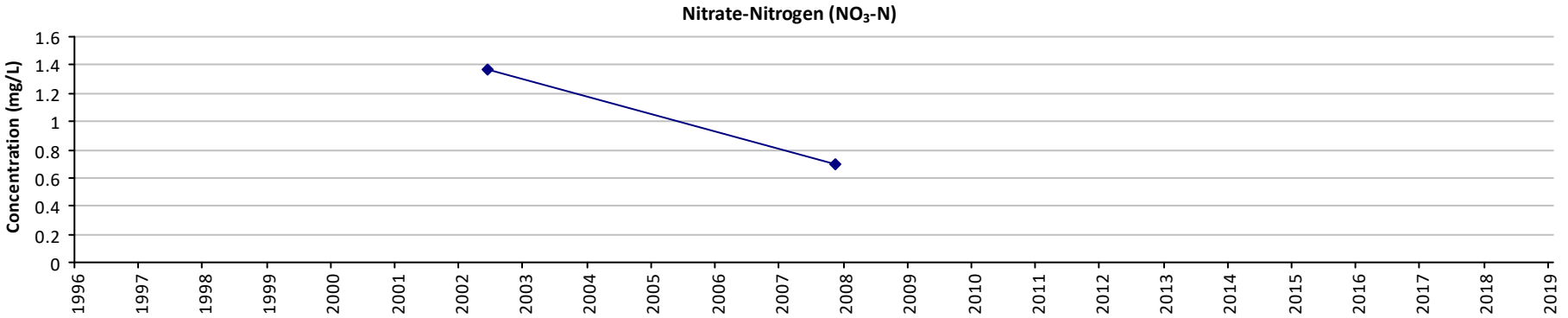
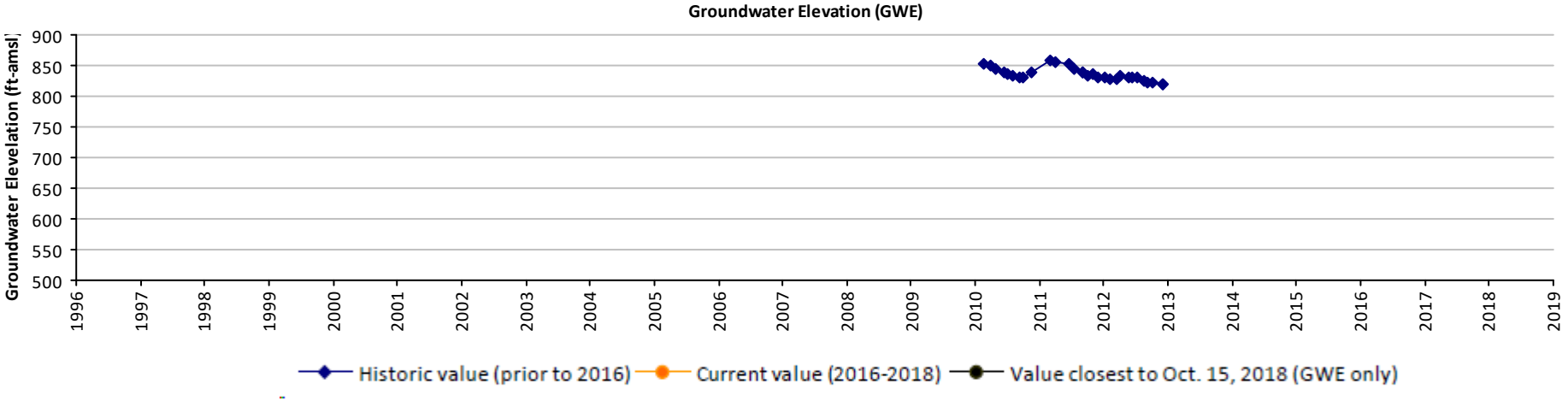
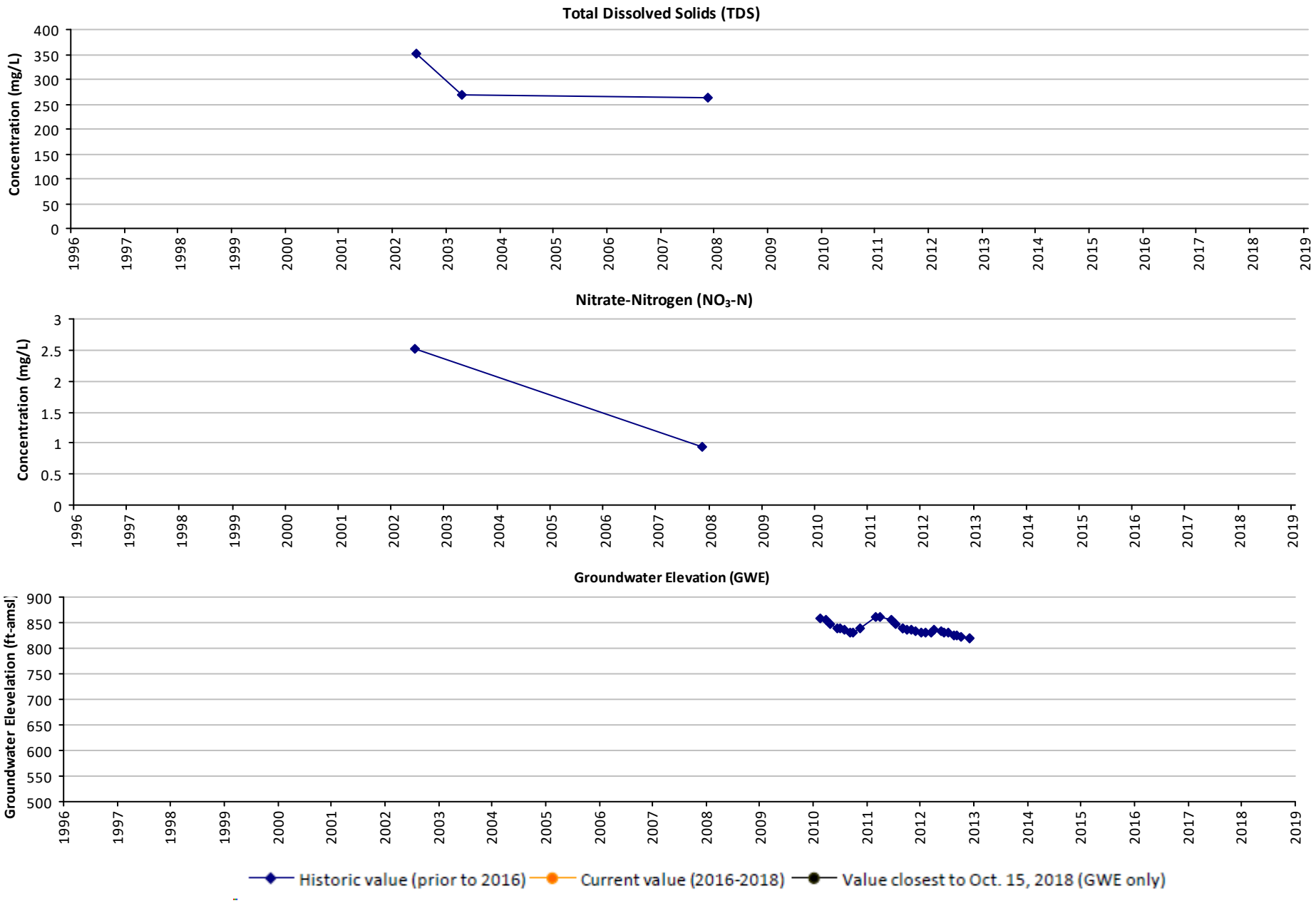
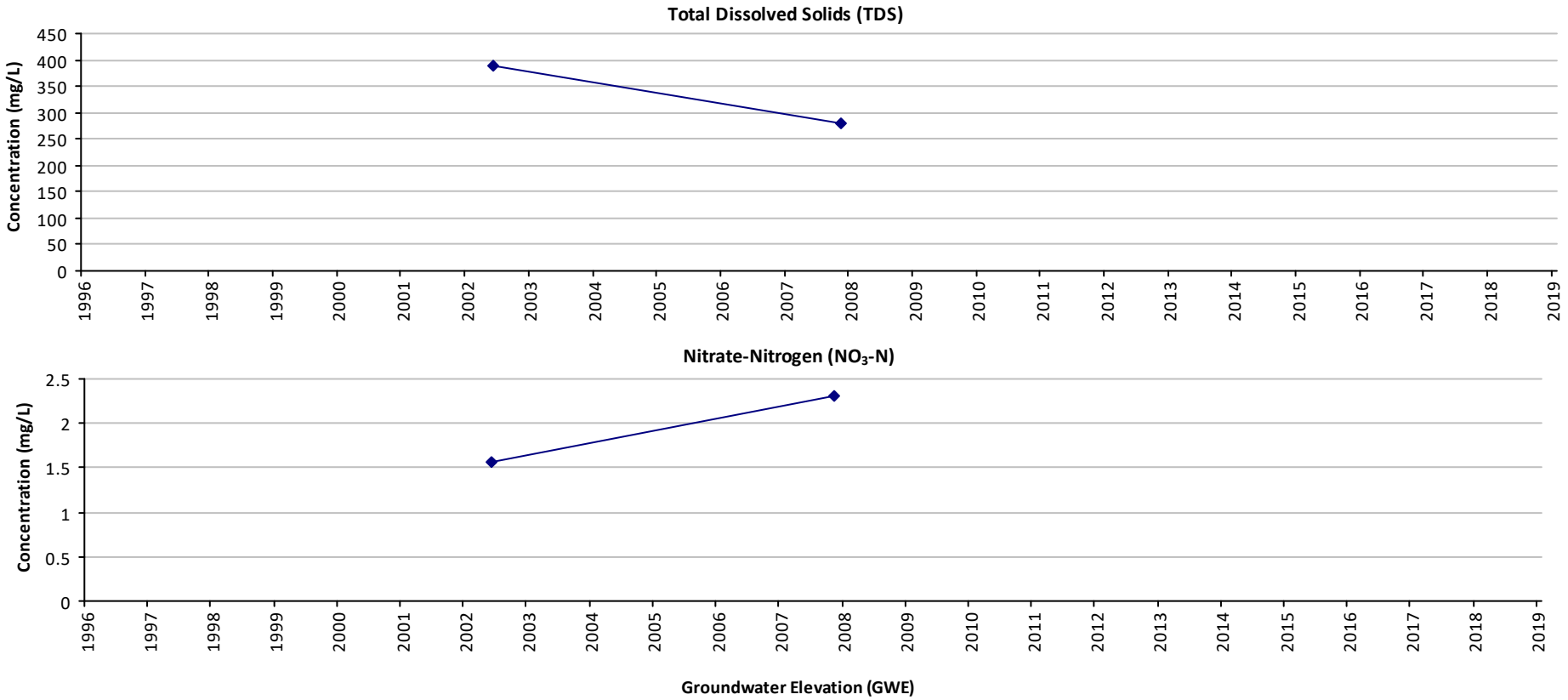
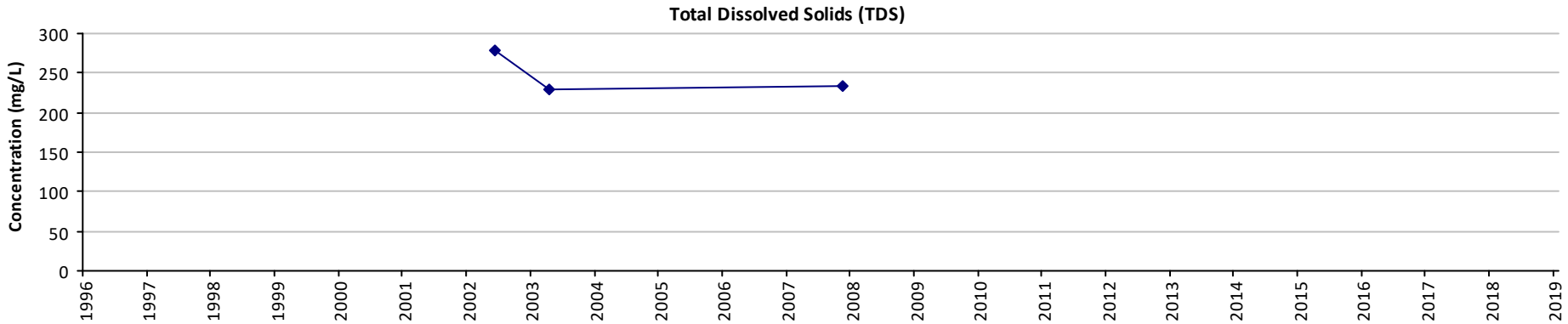
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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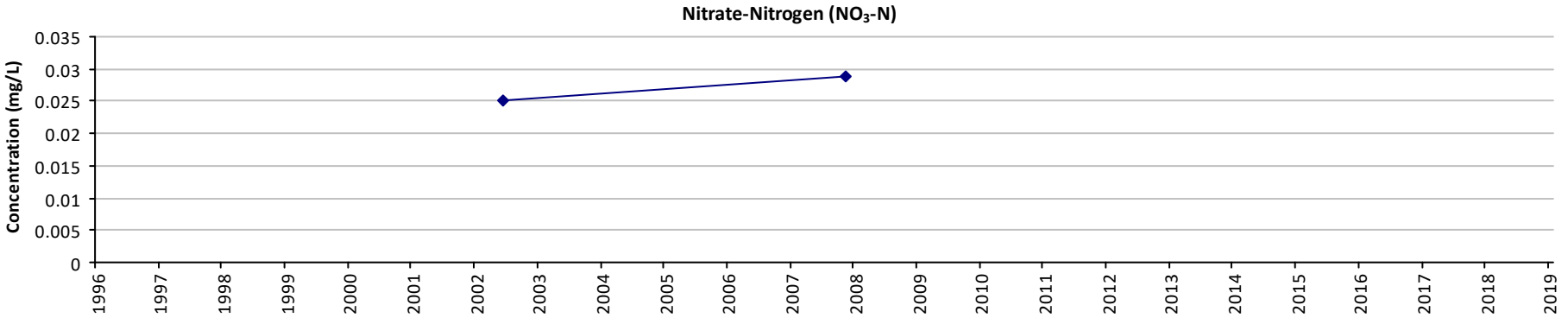
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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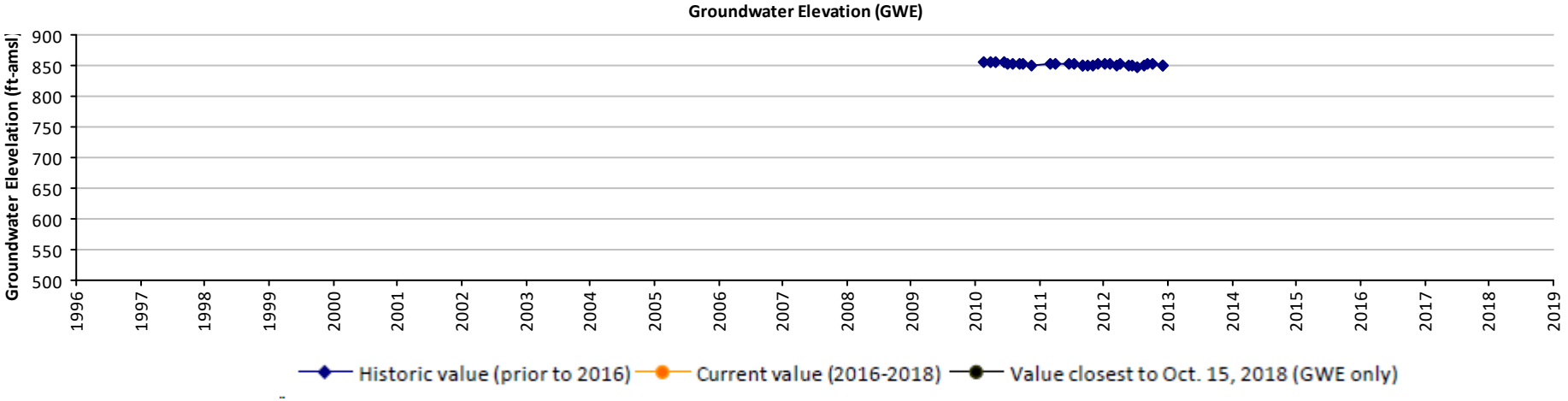
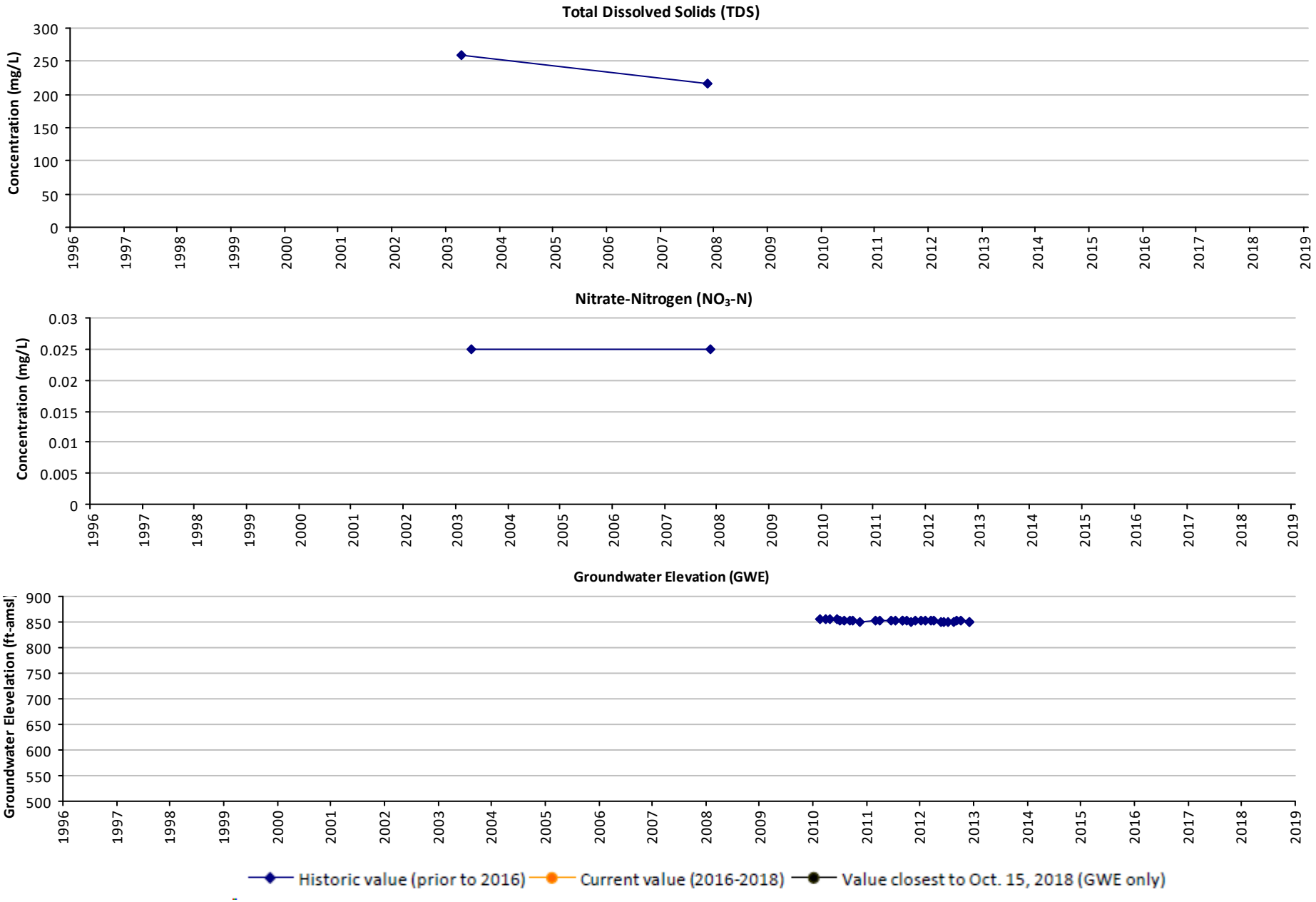
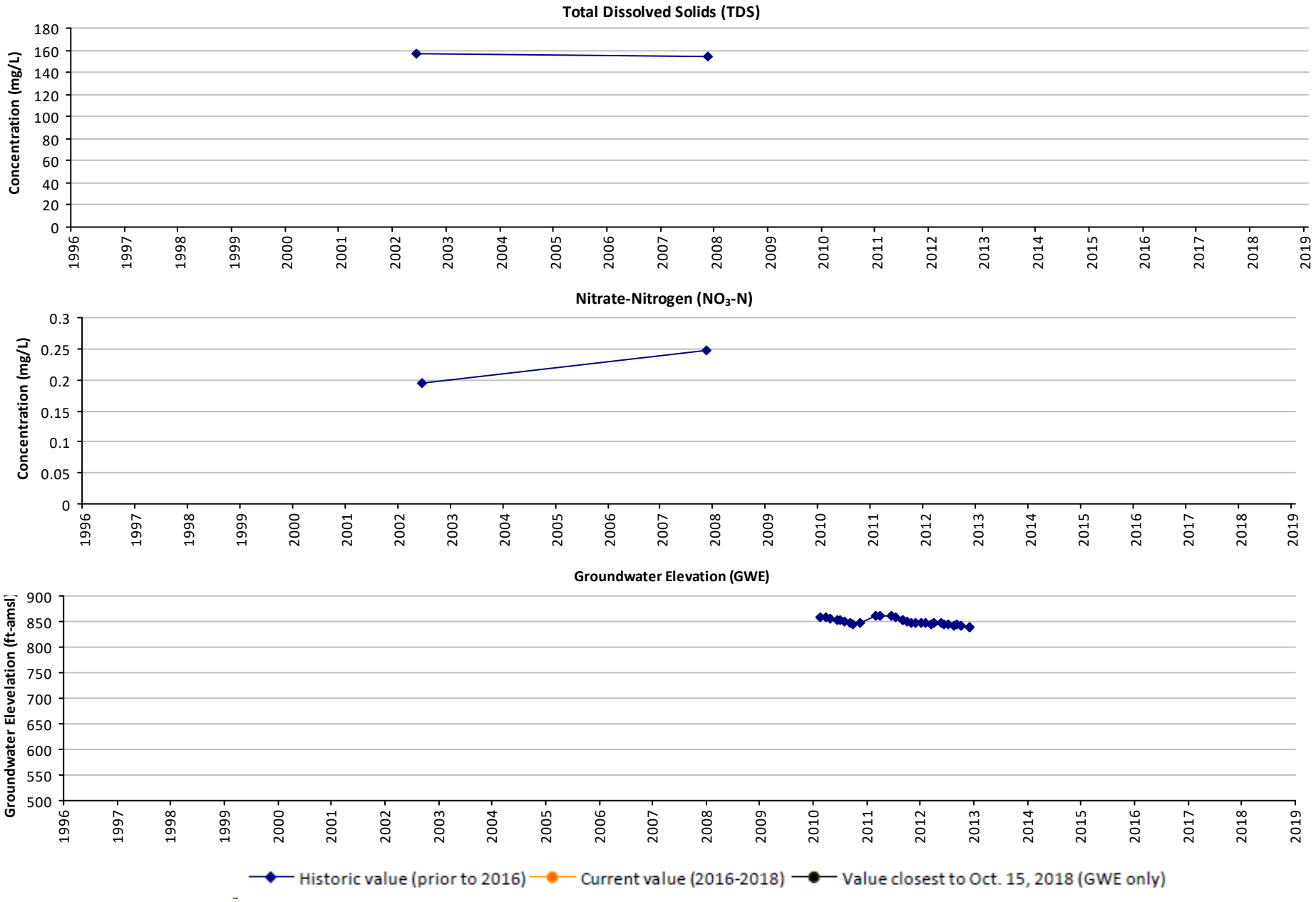
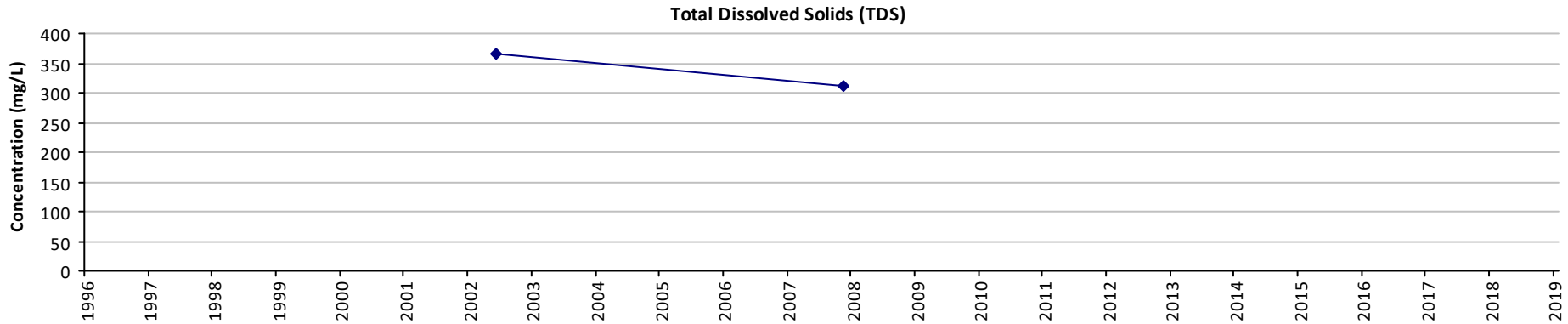
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
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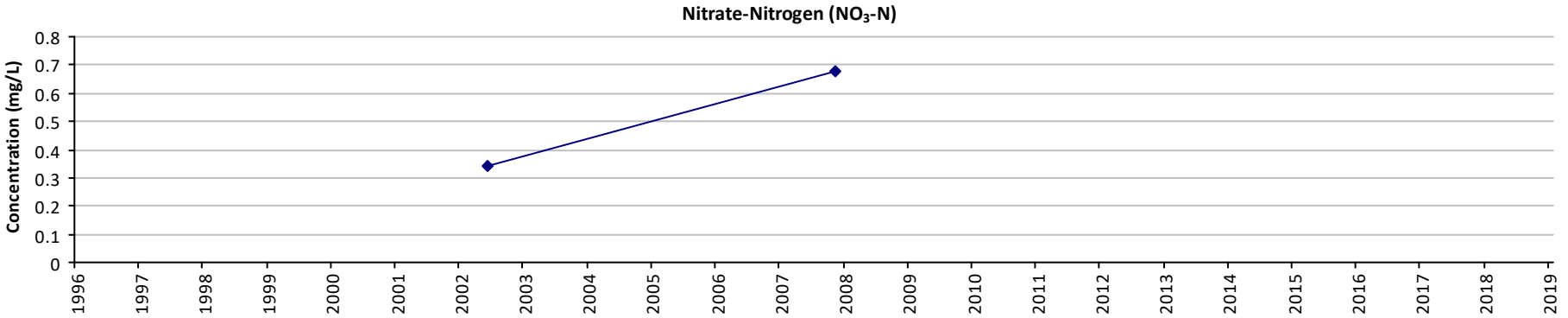
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
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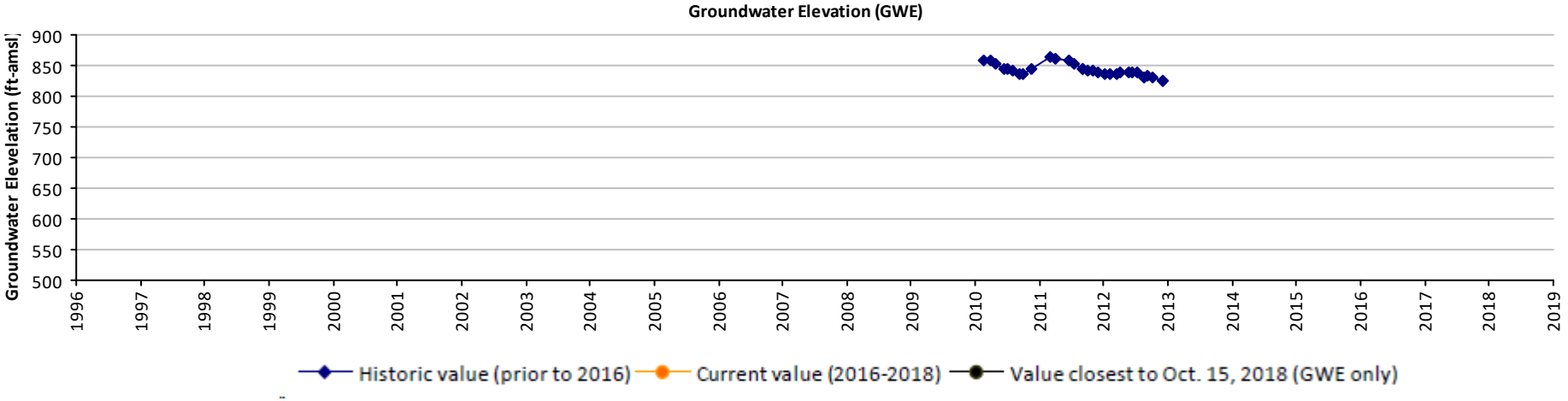
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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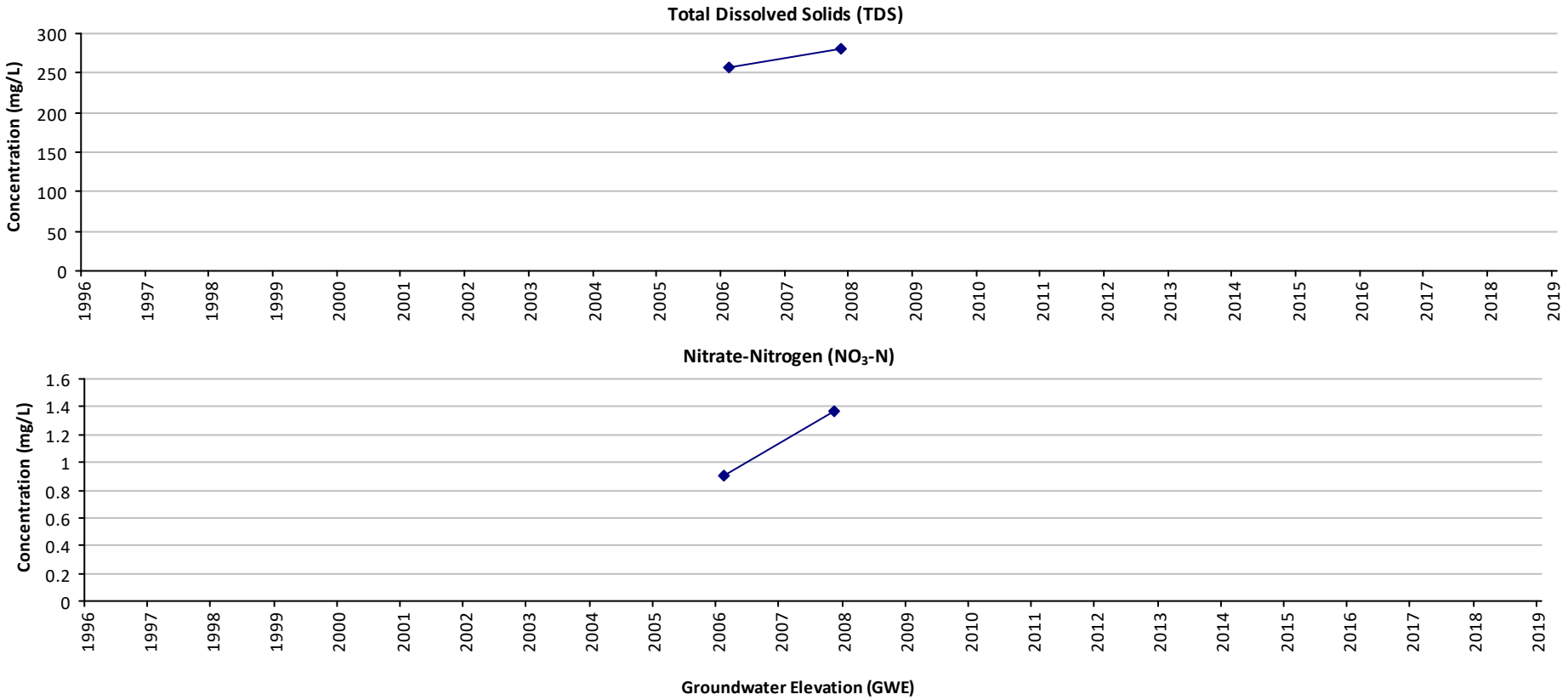
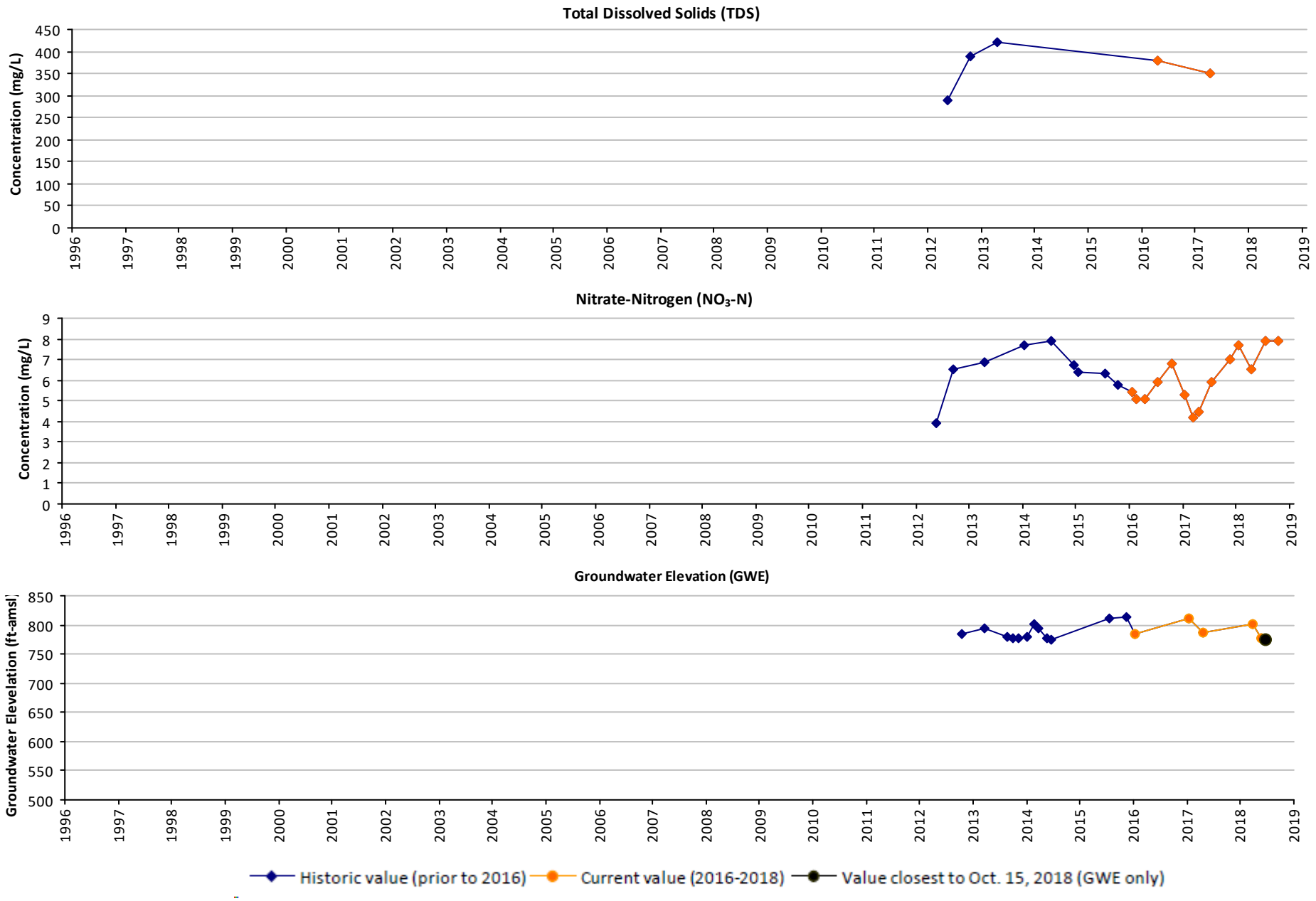
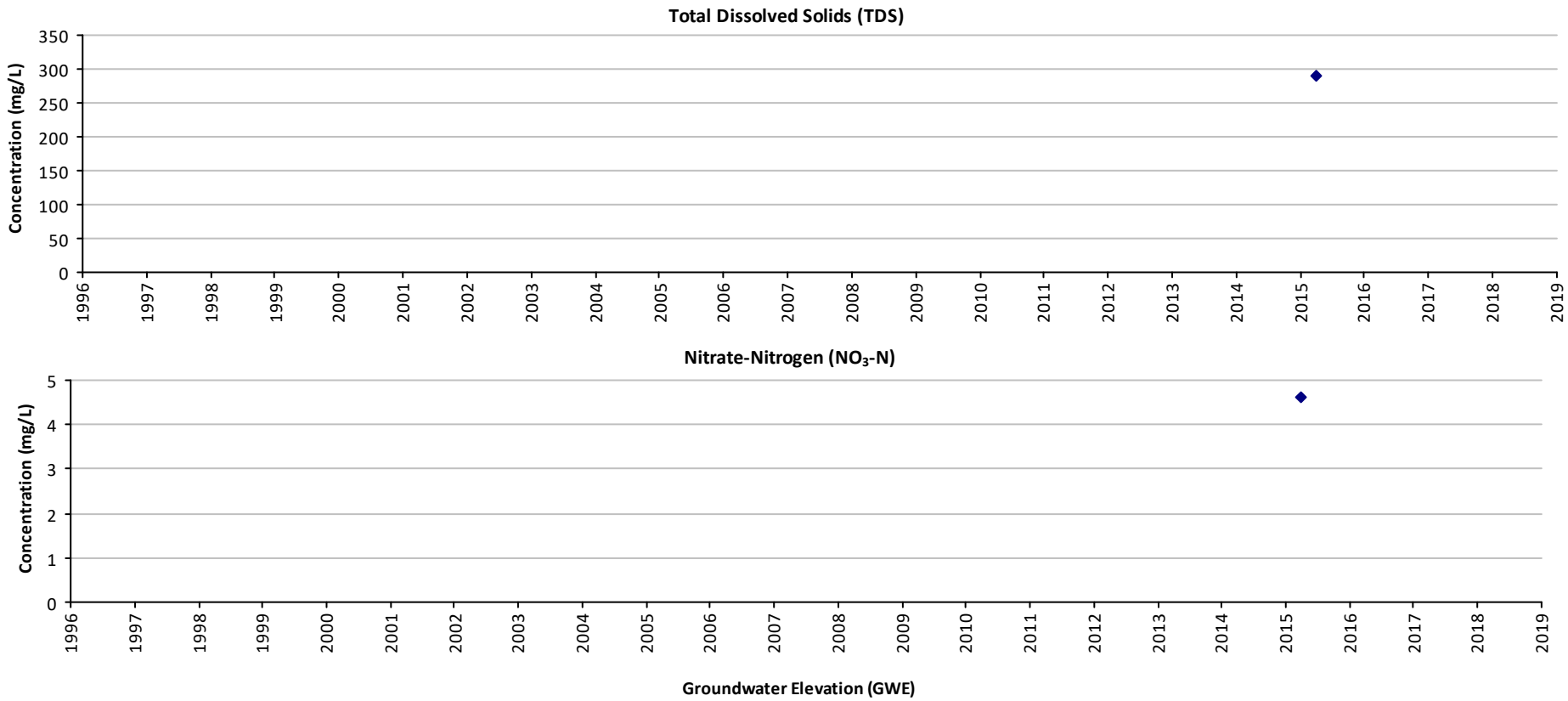
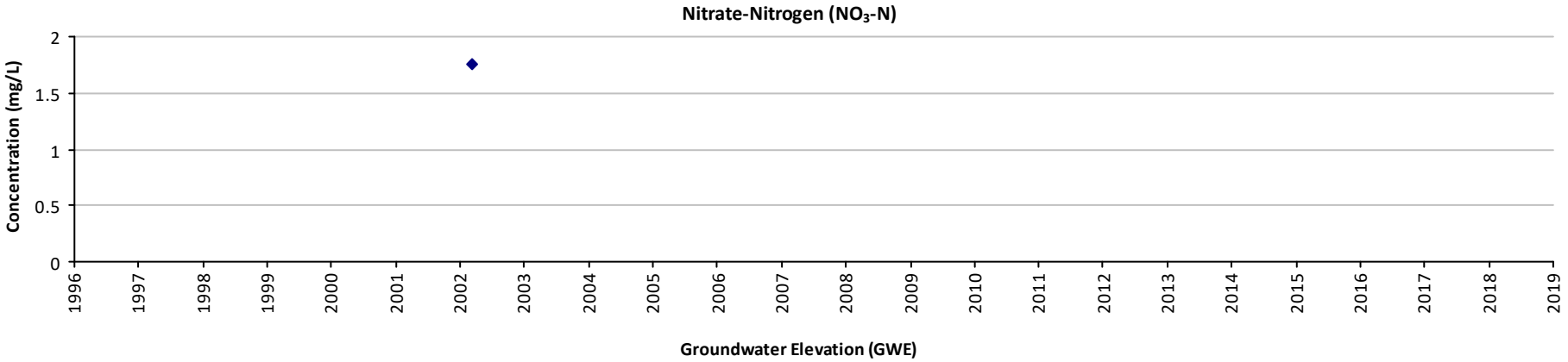
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

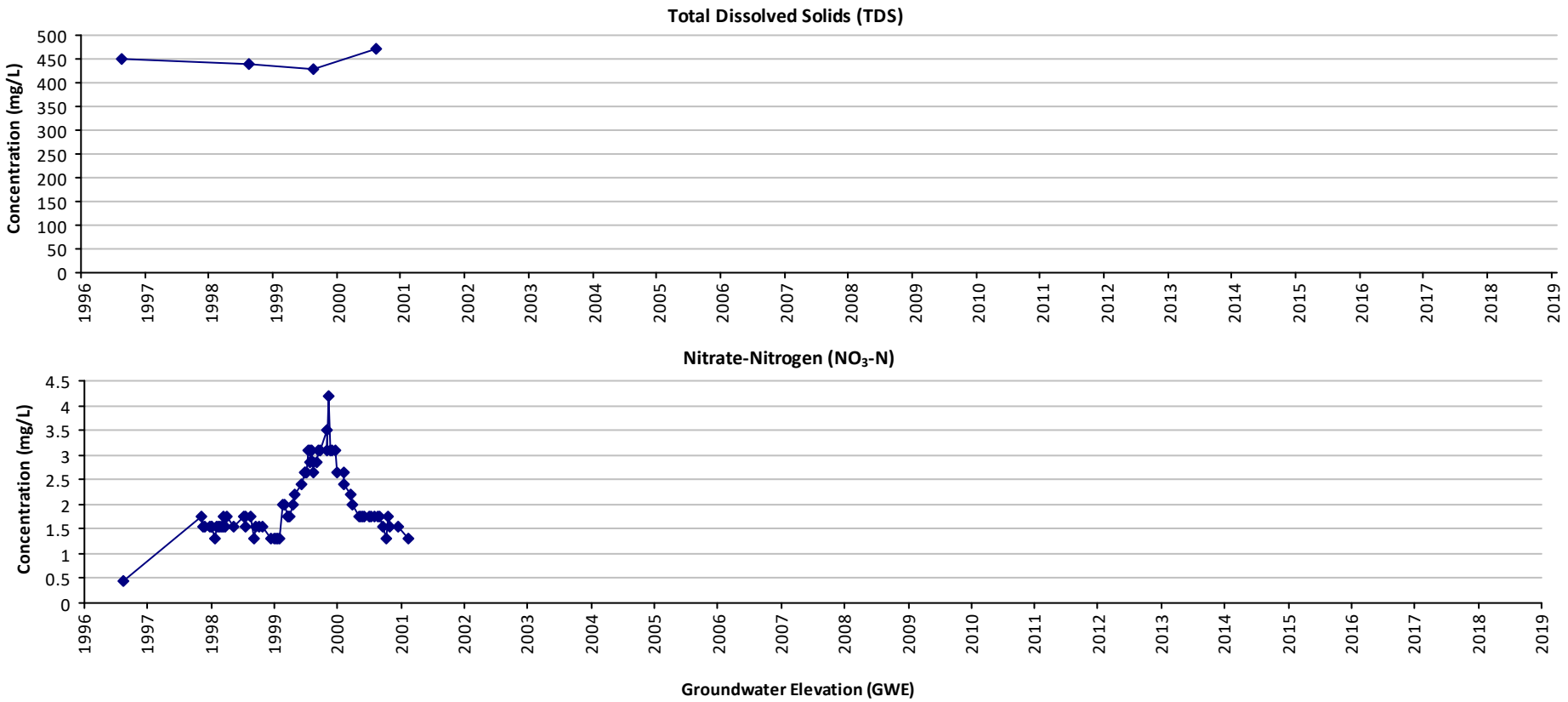

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

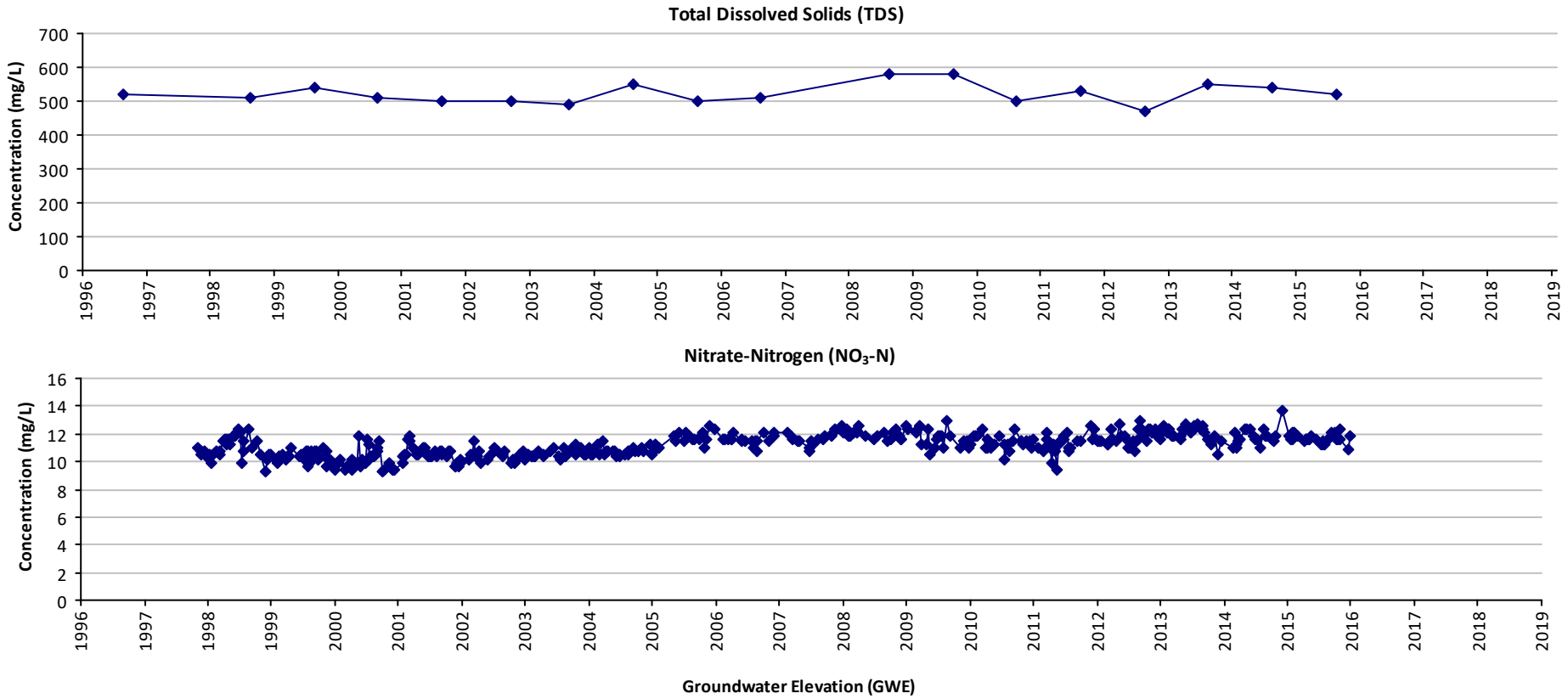

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

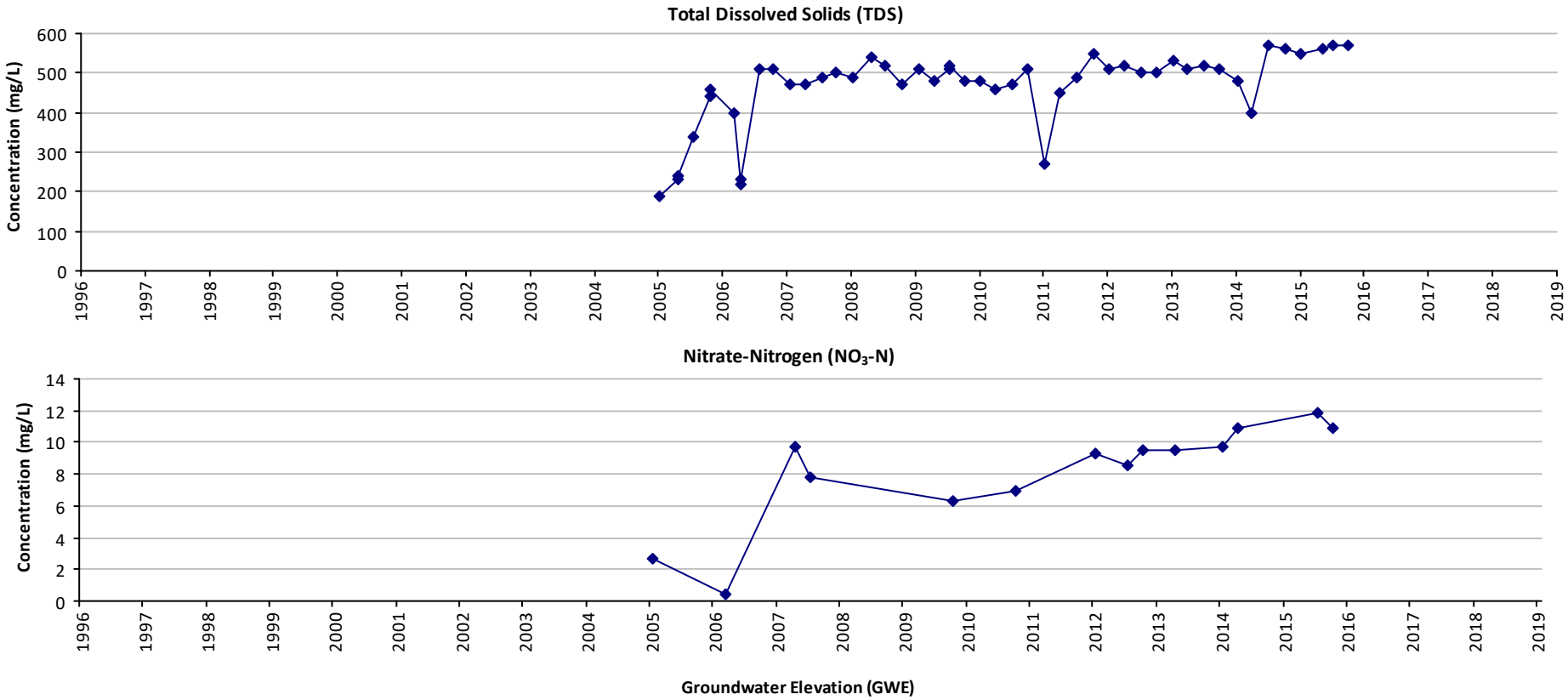
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

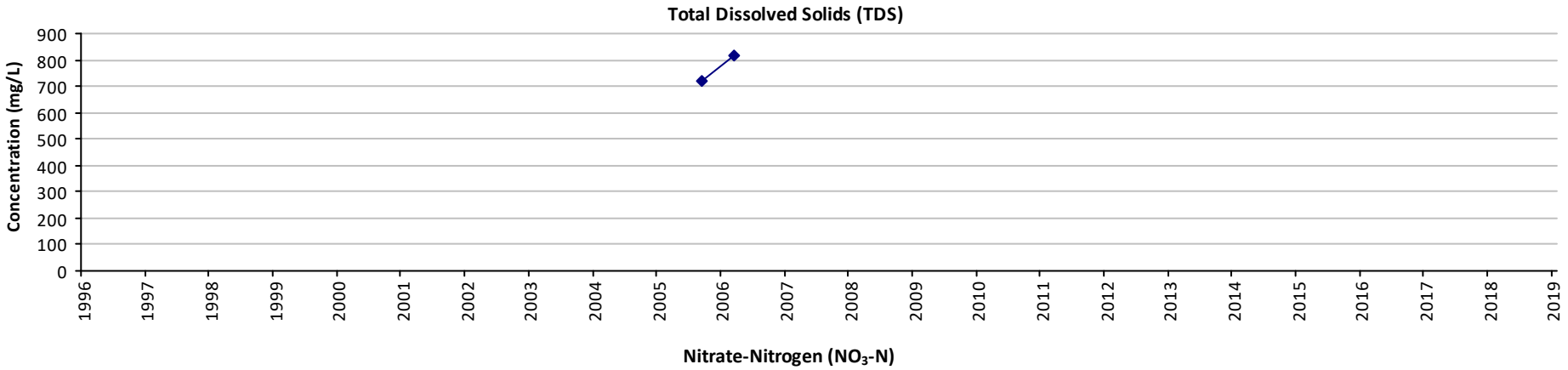

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

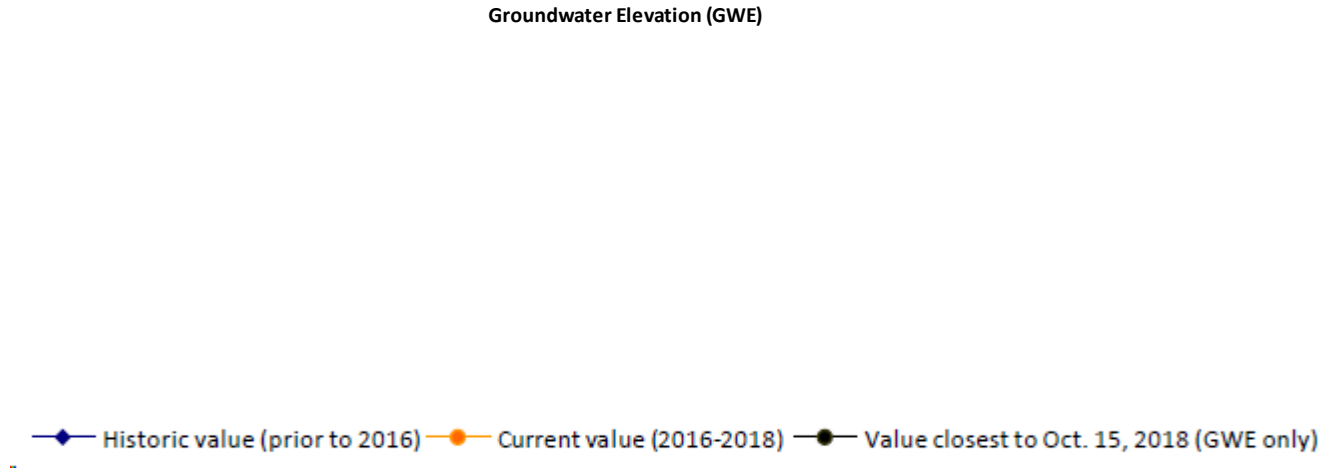

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

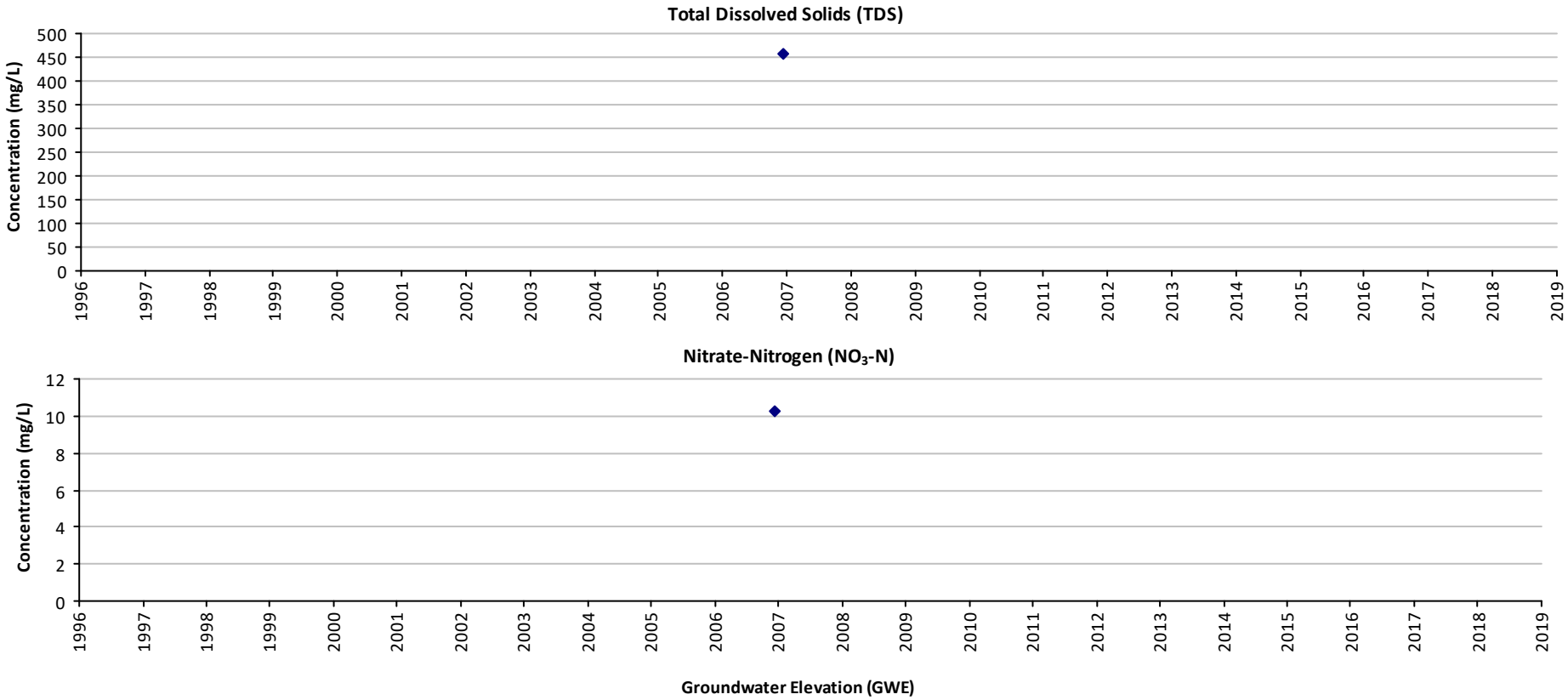


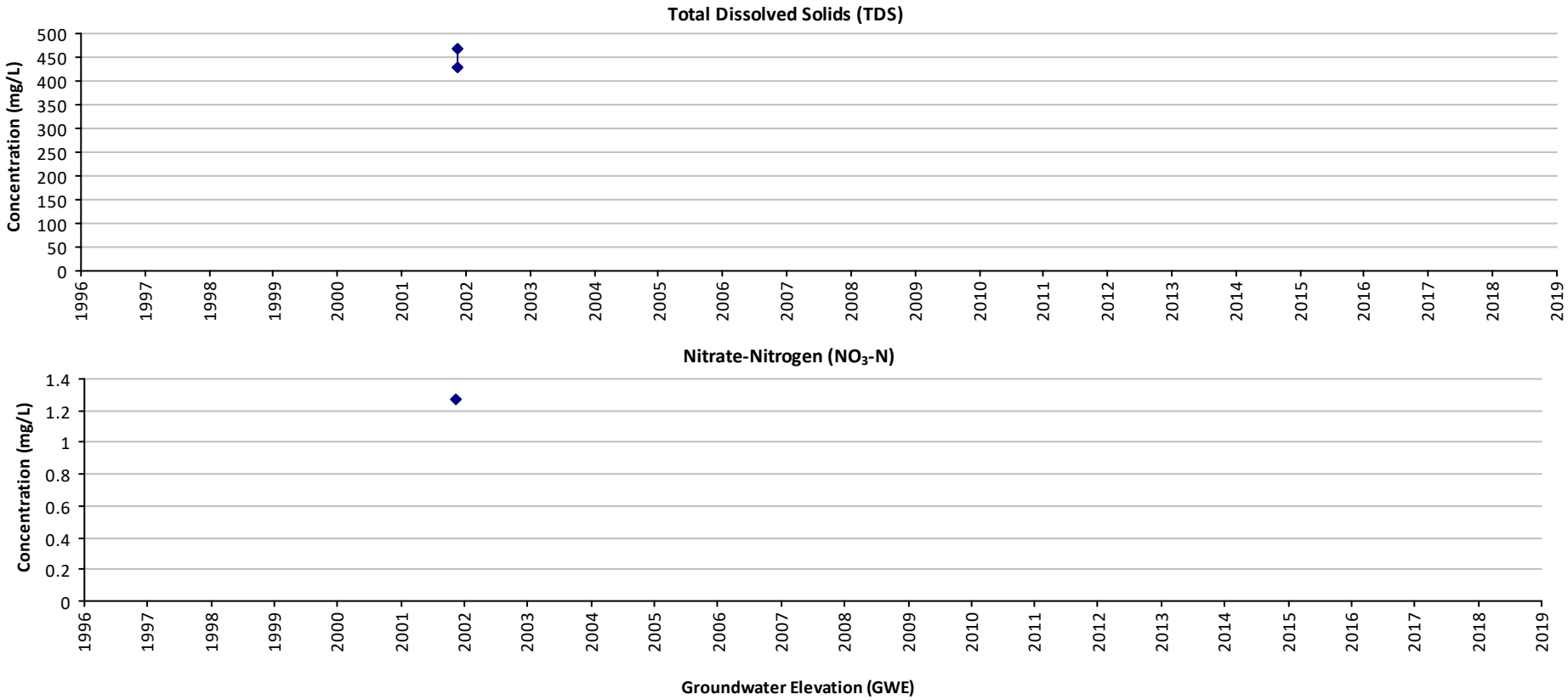
Groundwater Elevation (GWE)

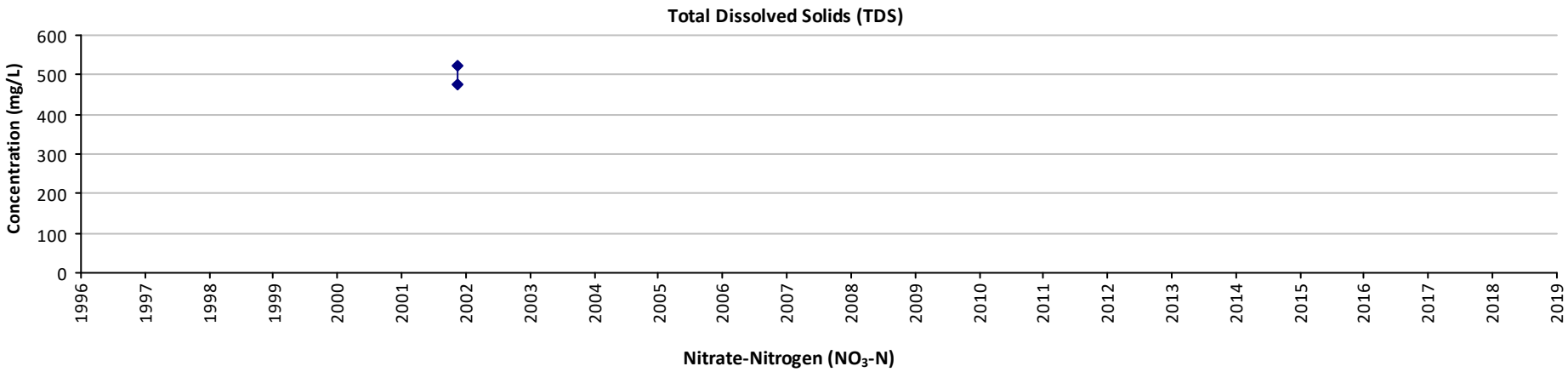
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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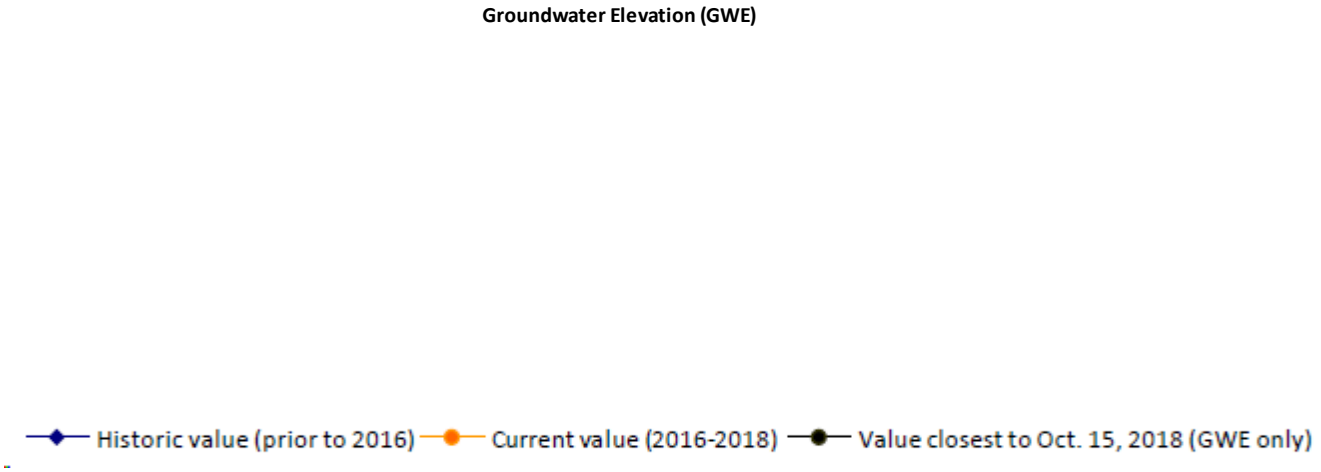
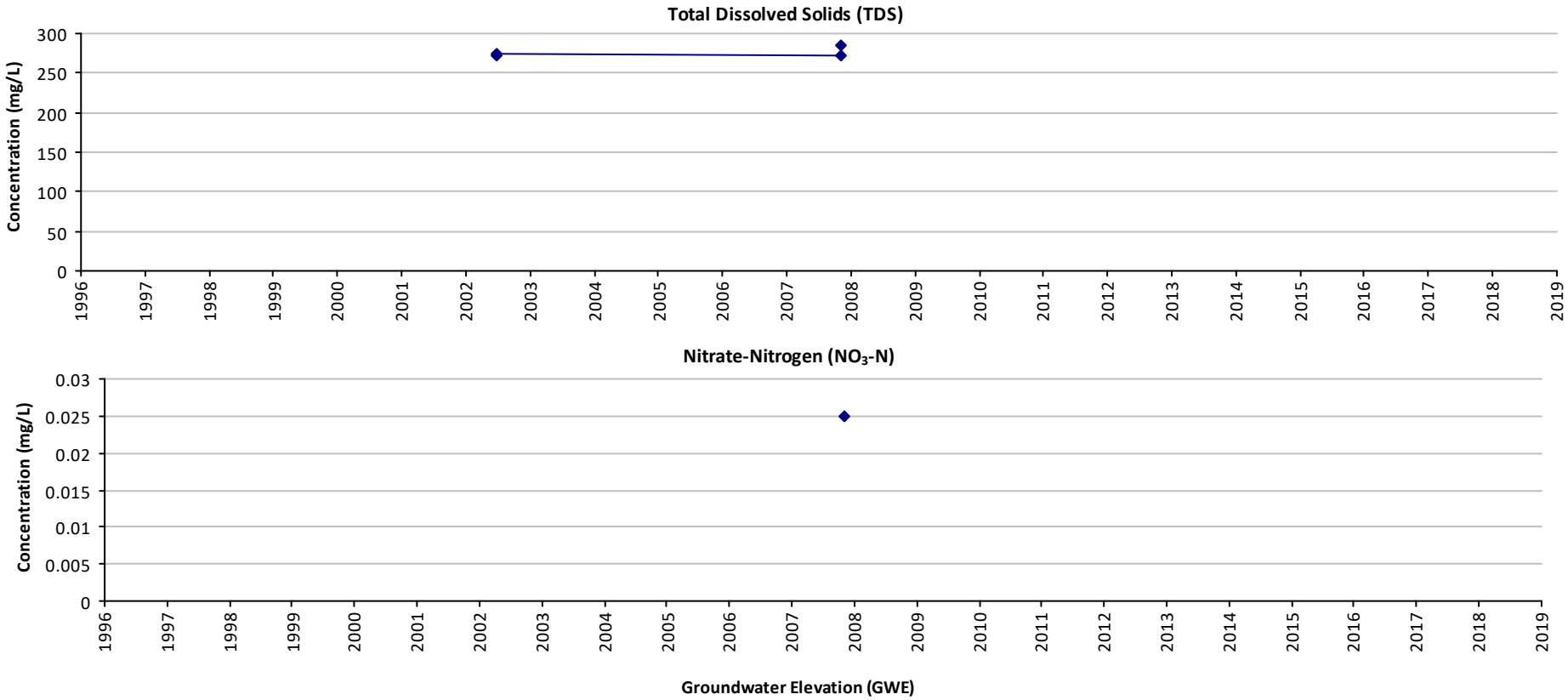
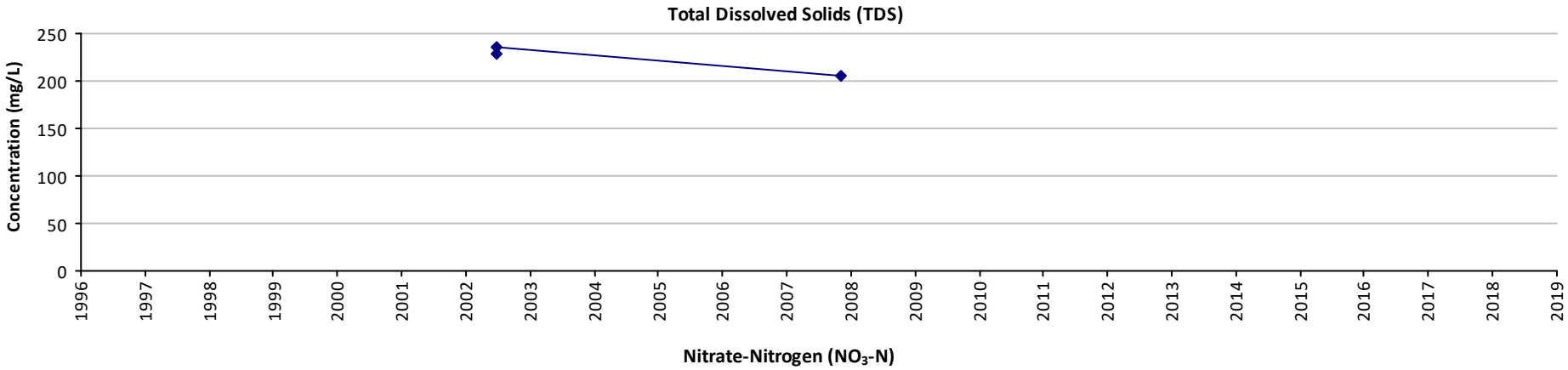
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

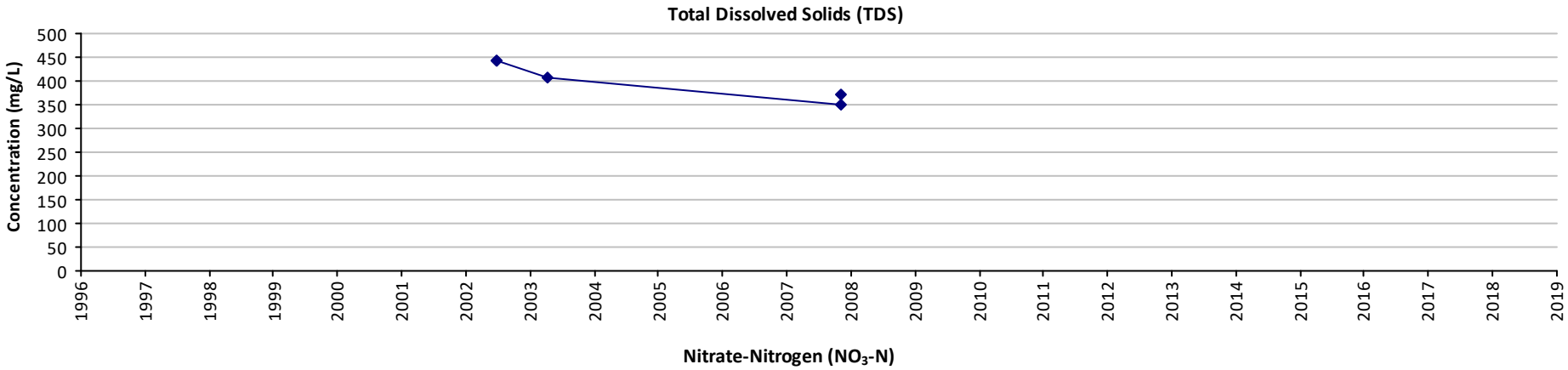

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



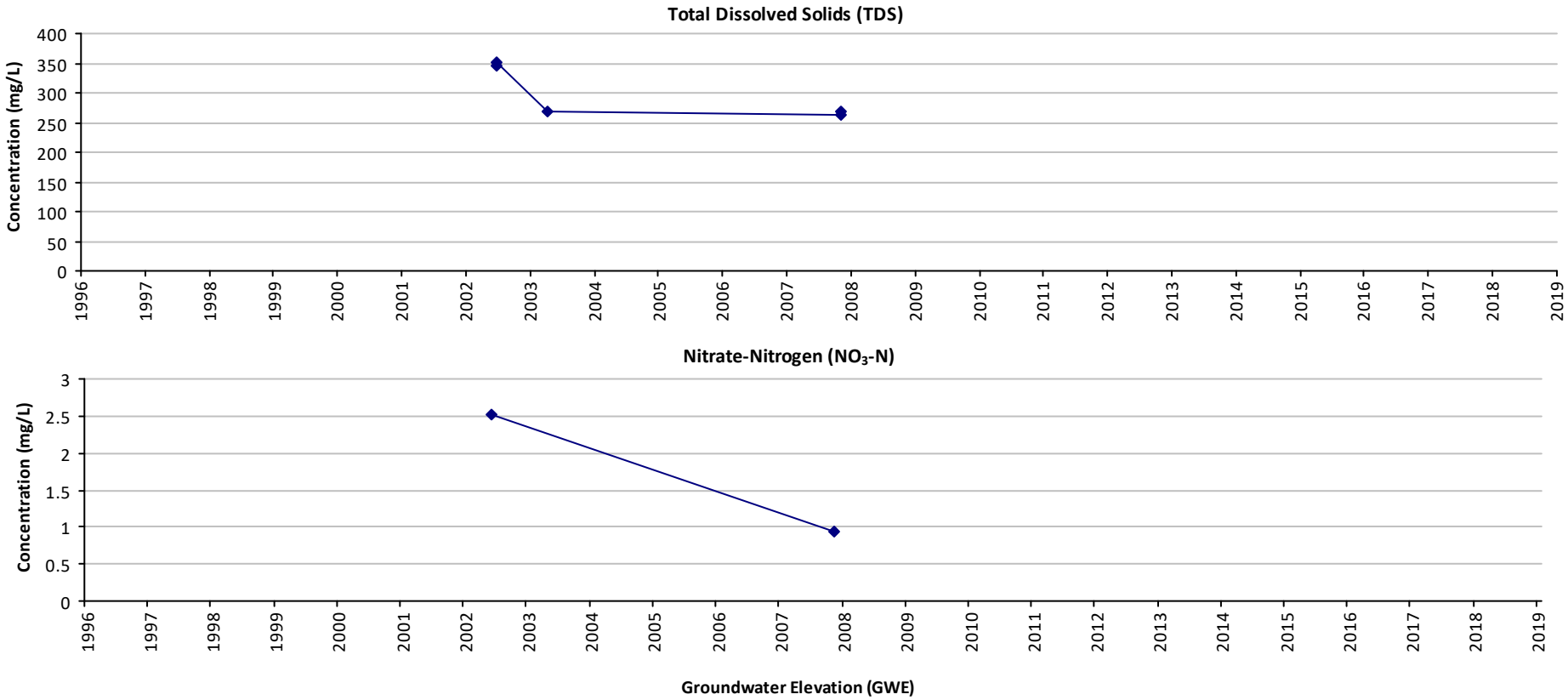
Groundwater Elevation (GWE)

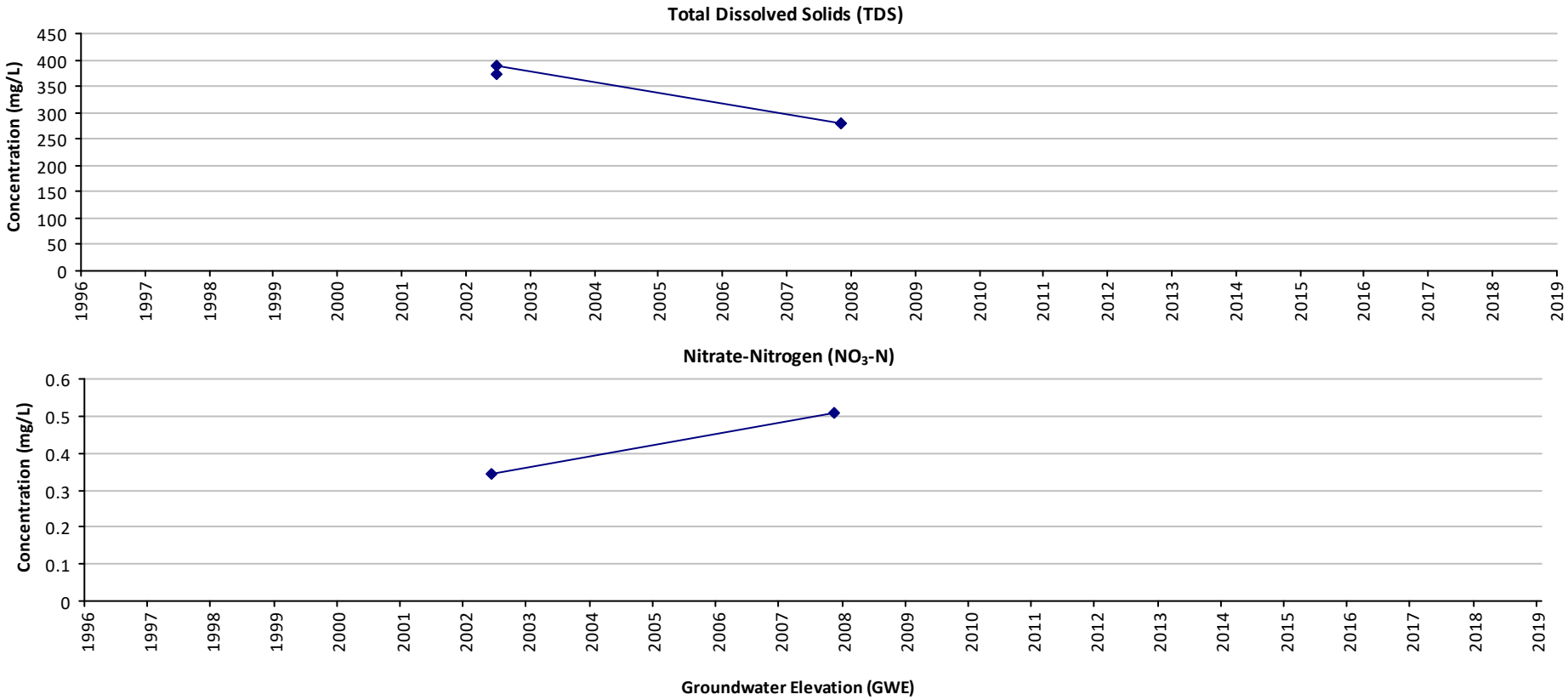
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

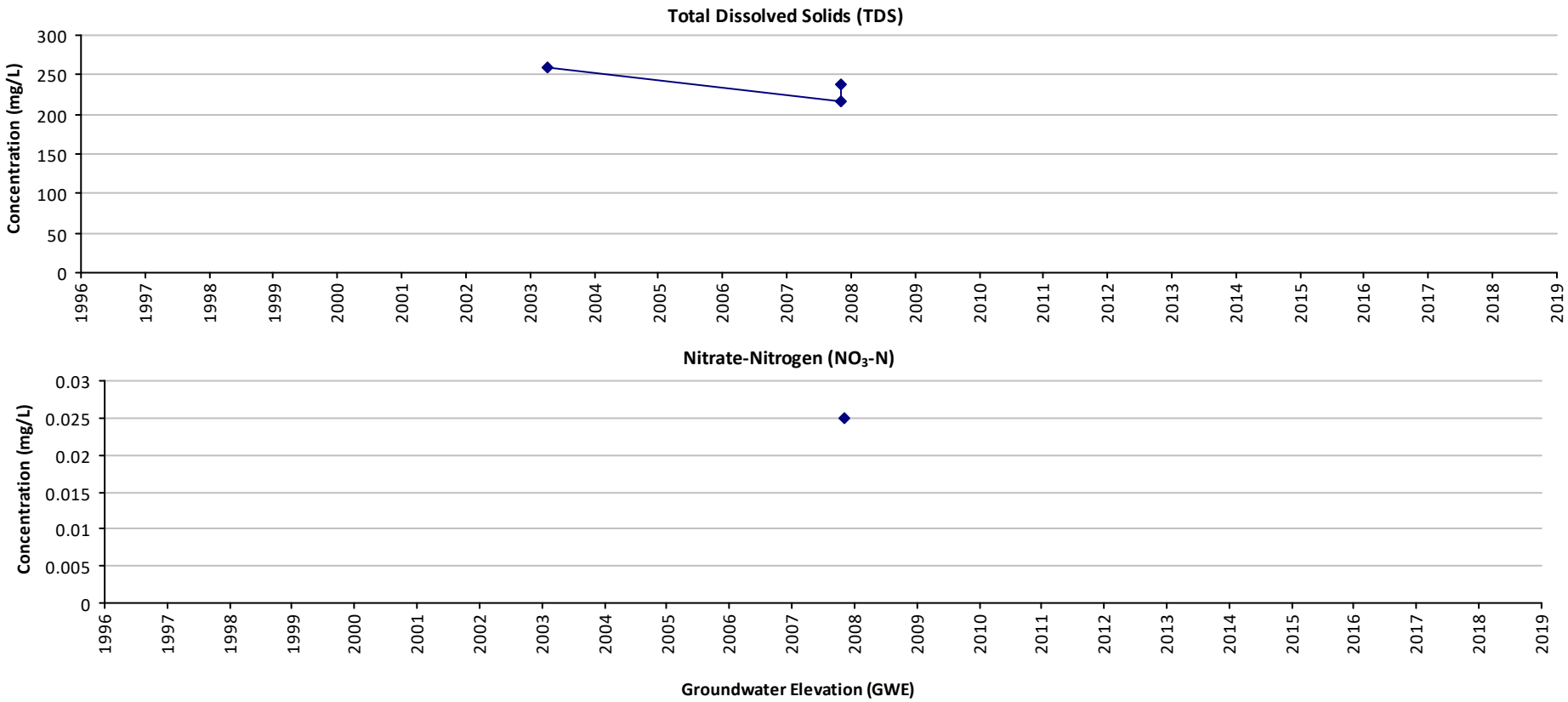


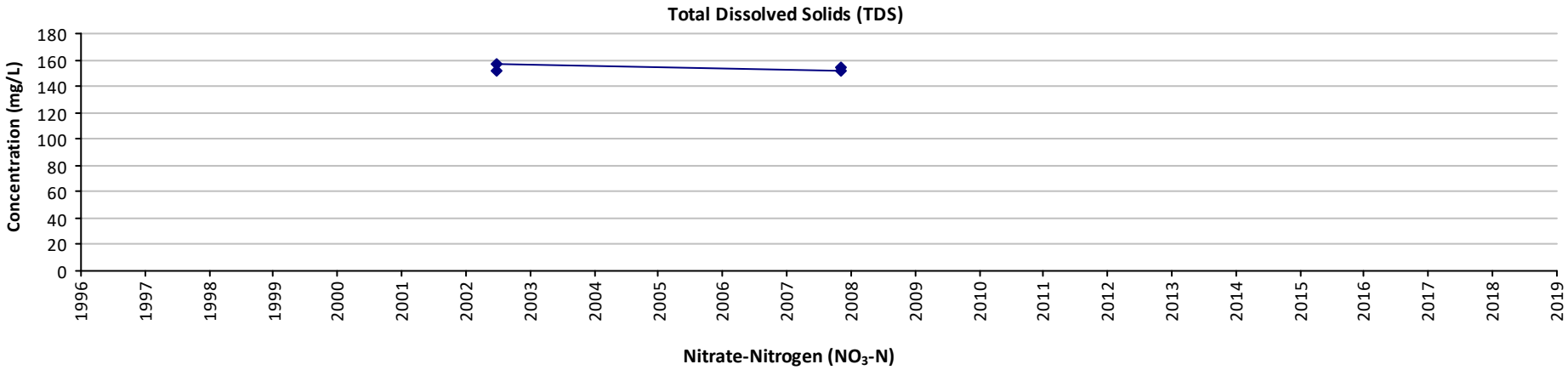
Groundwater Elevation (GWE)

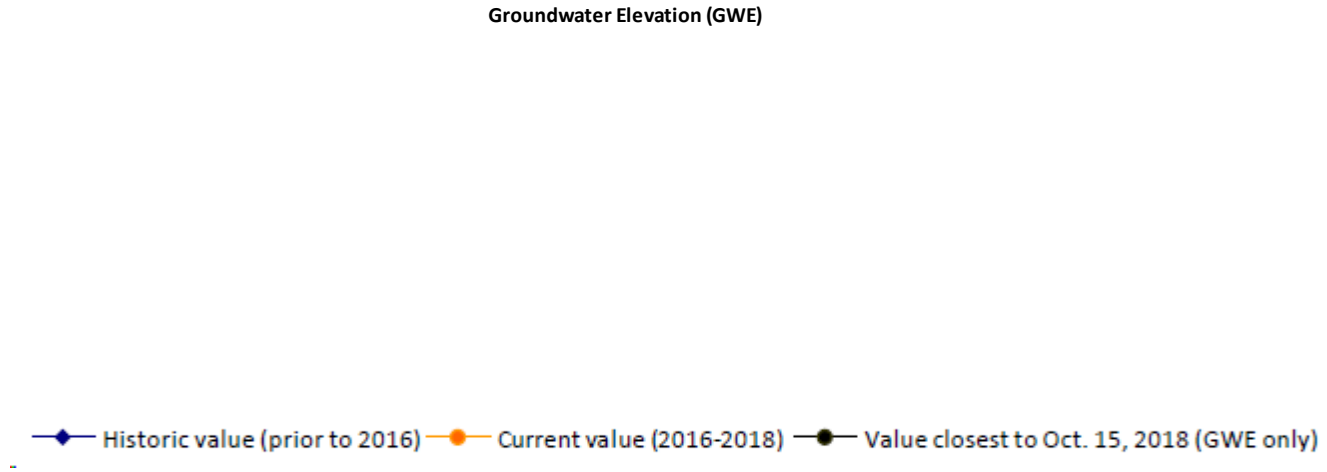
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

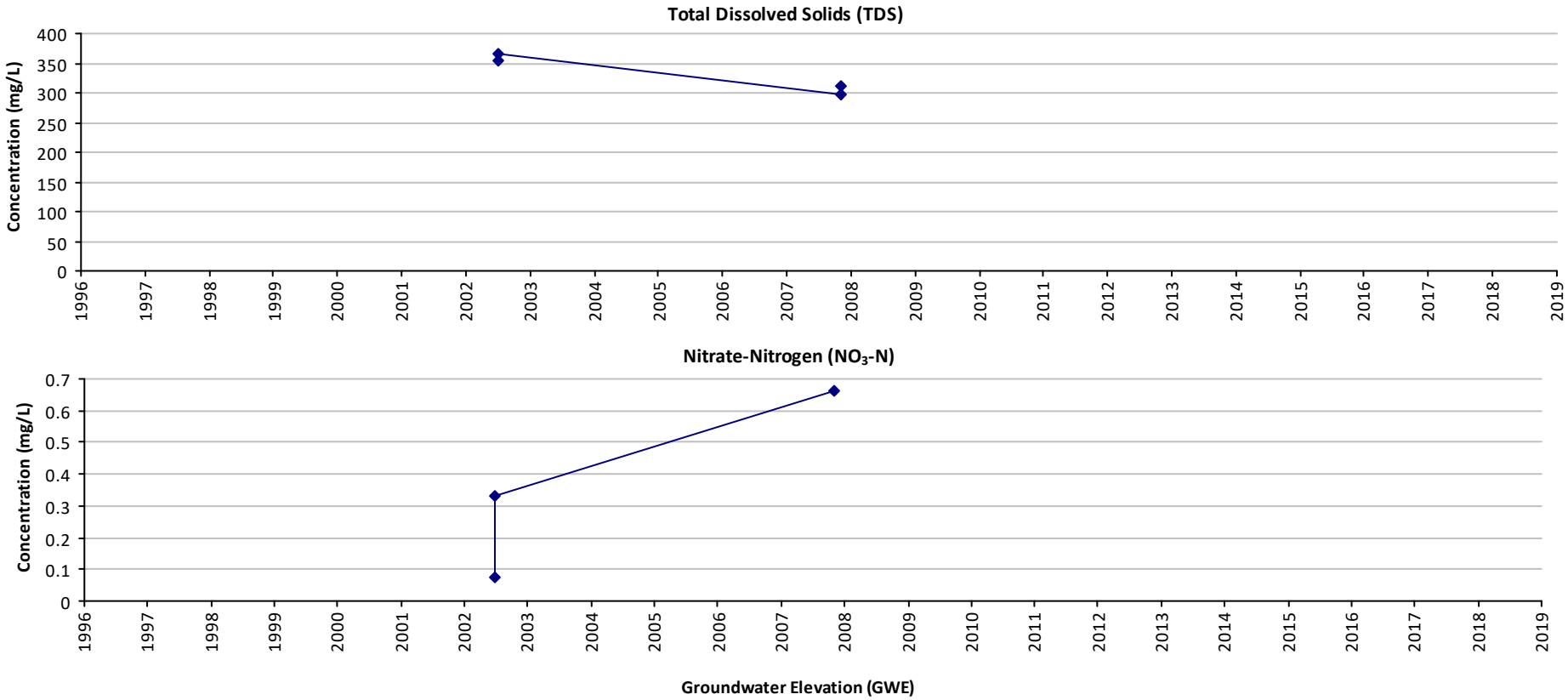

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

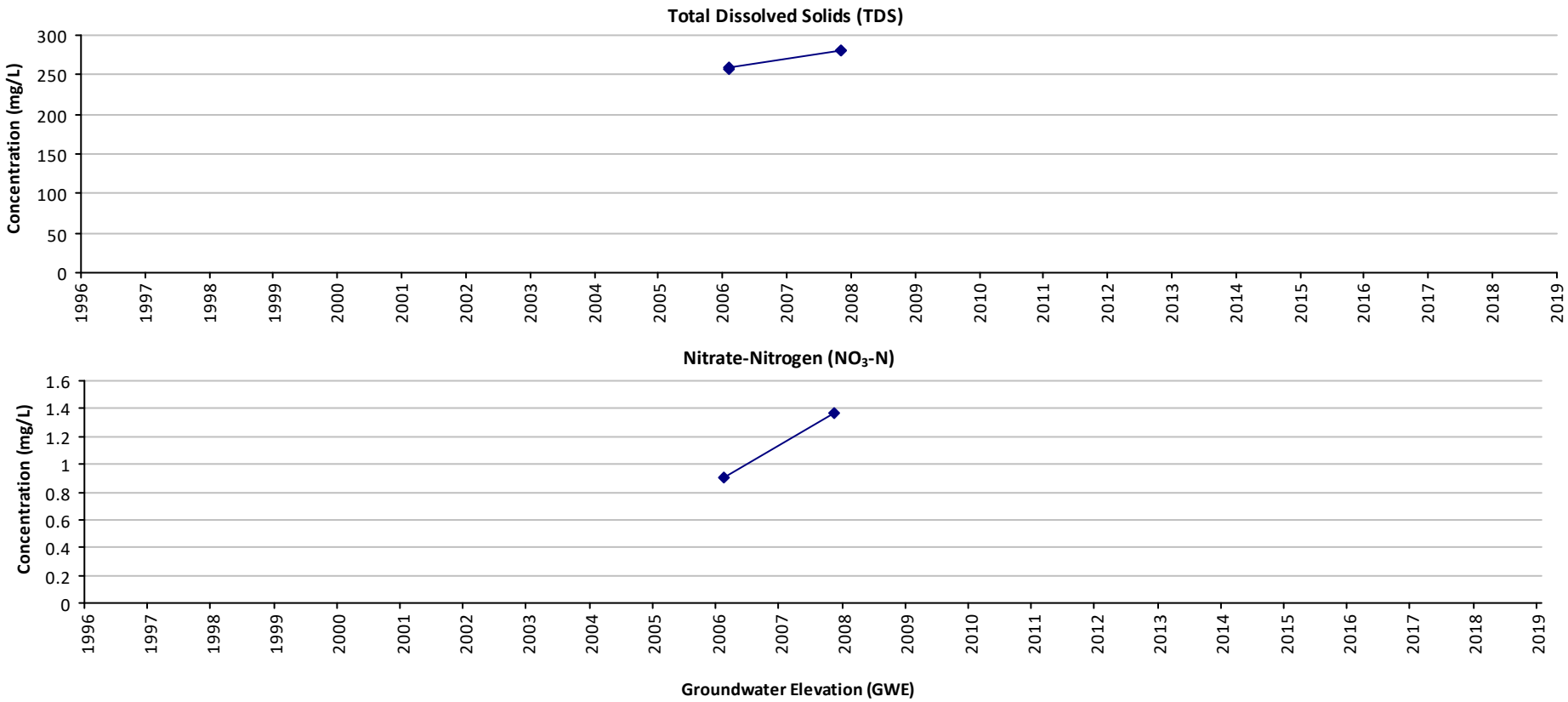

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

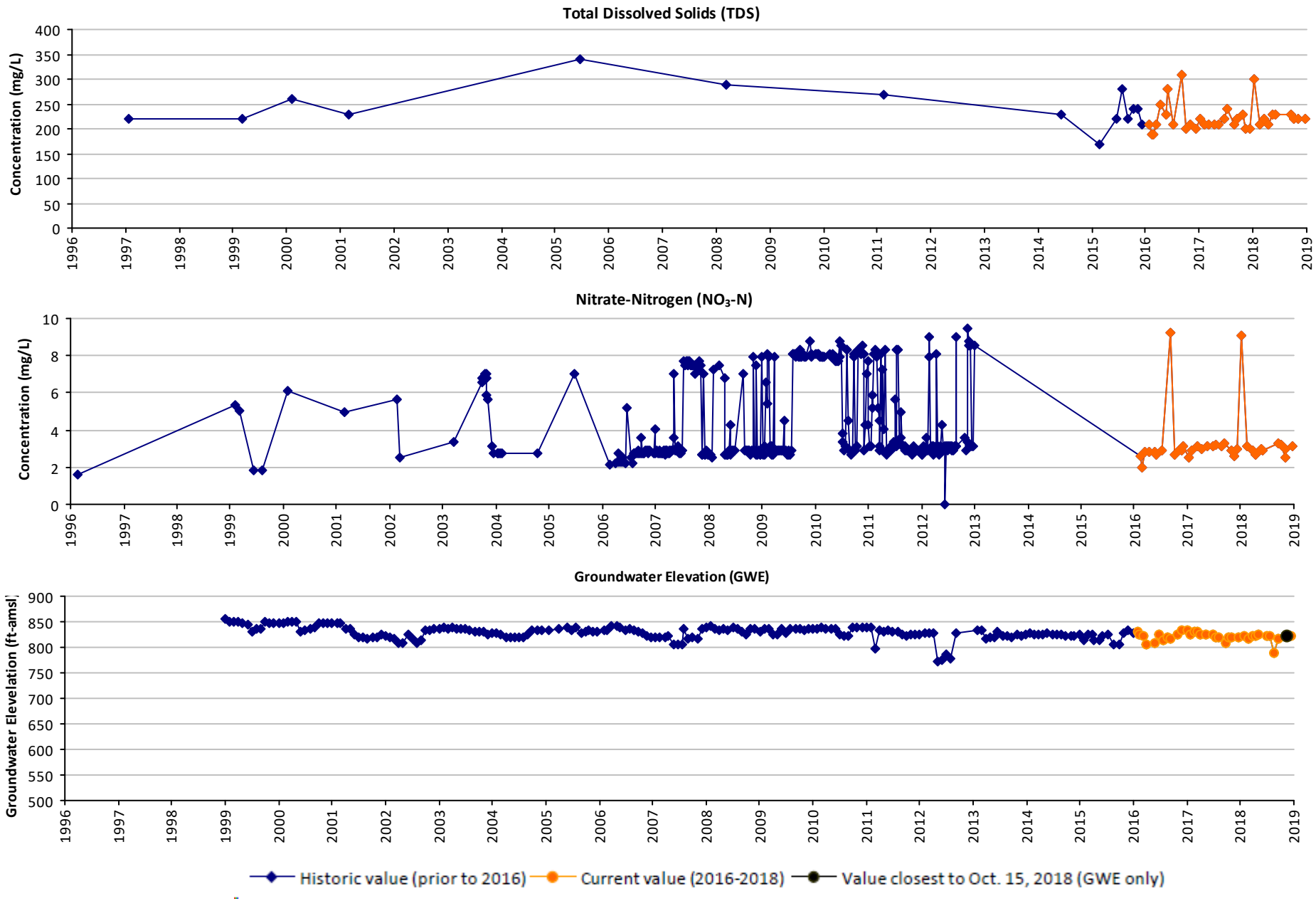

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

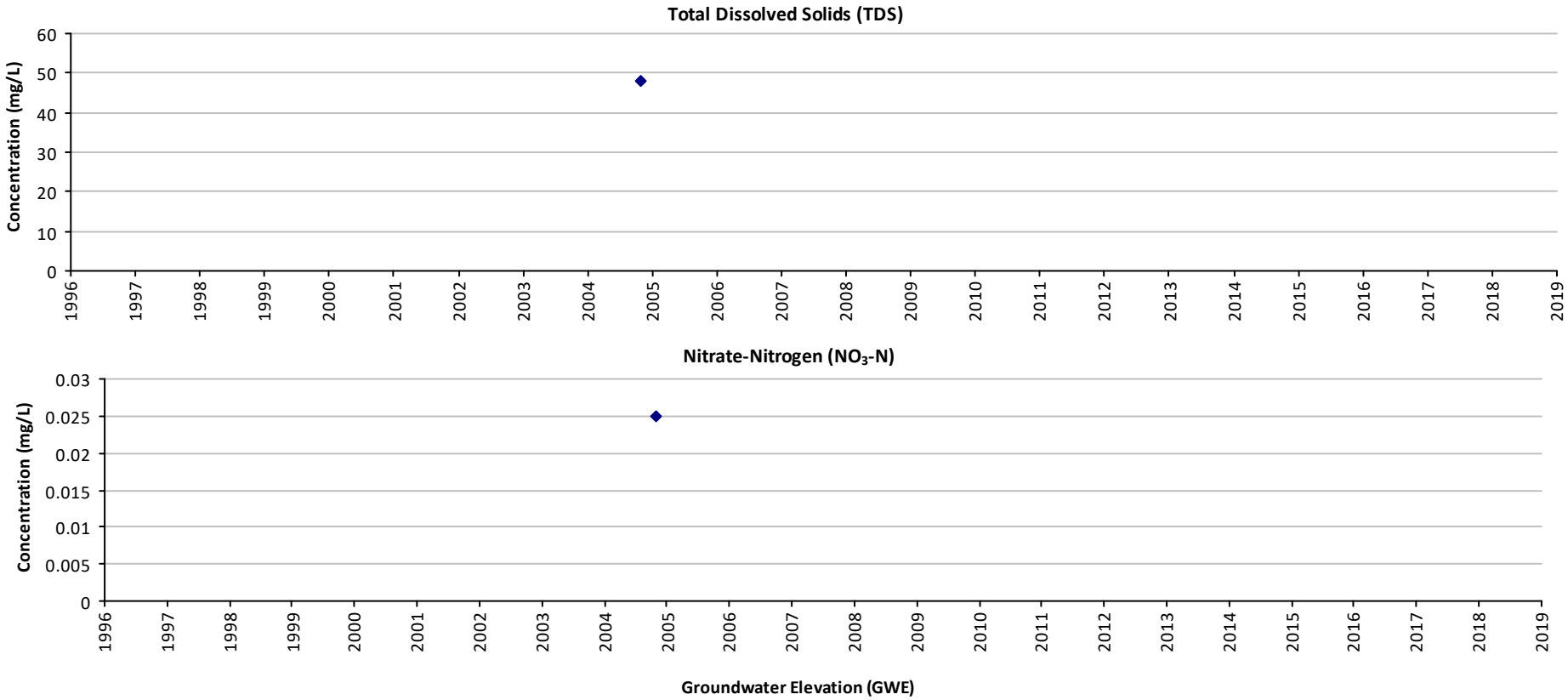

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

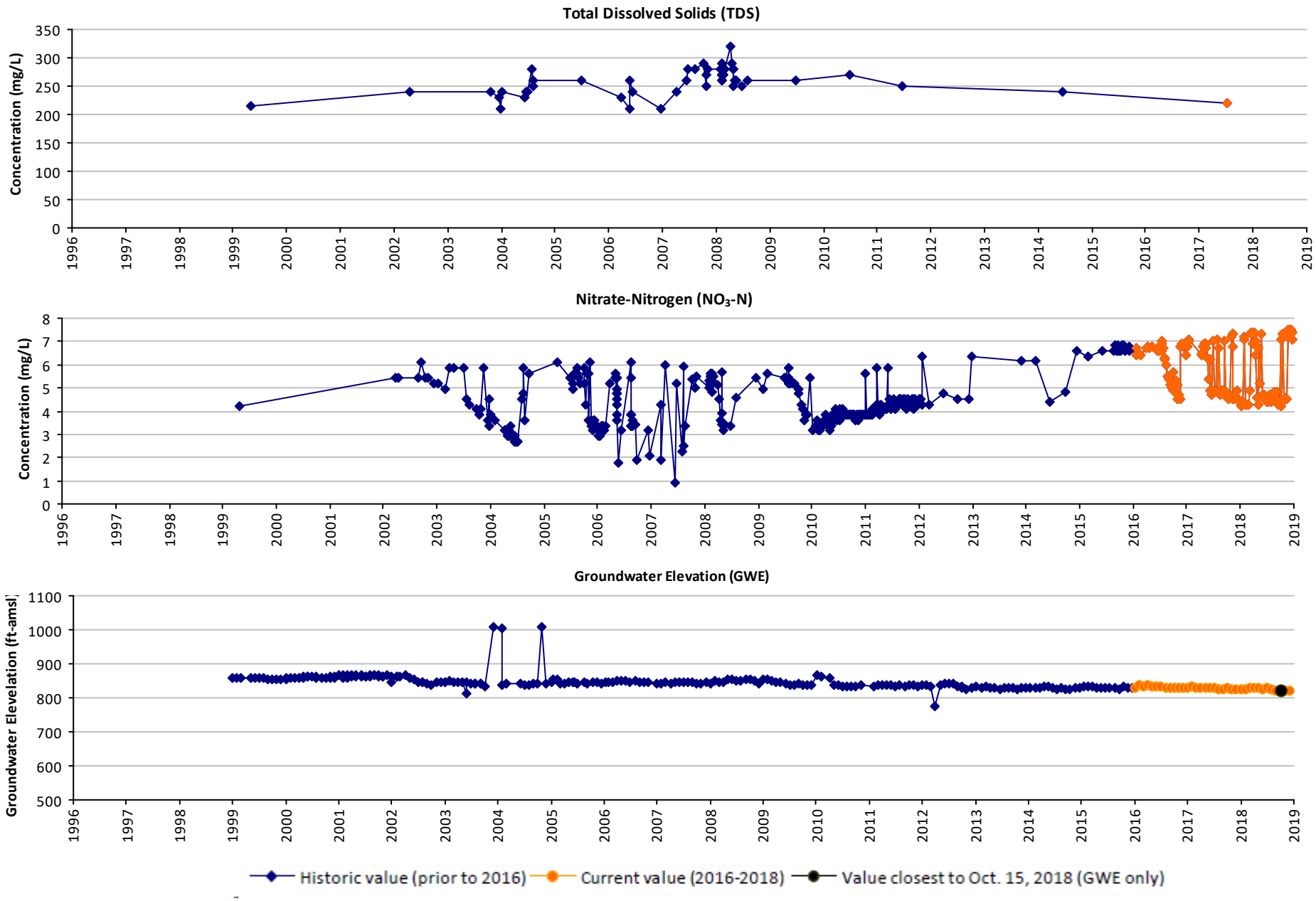

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

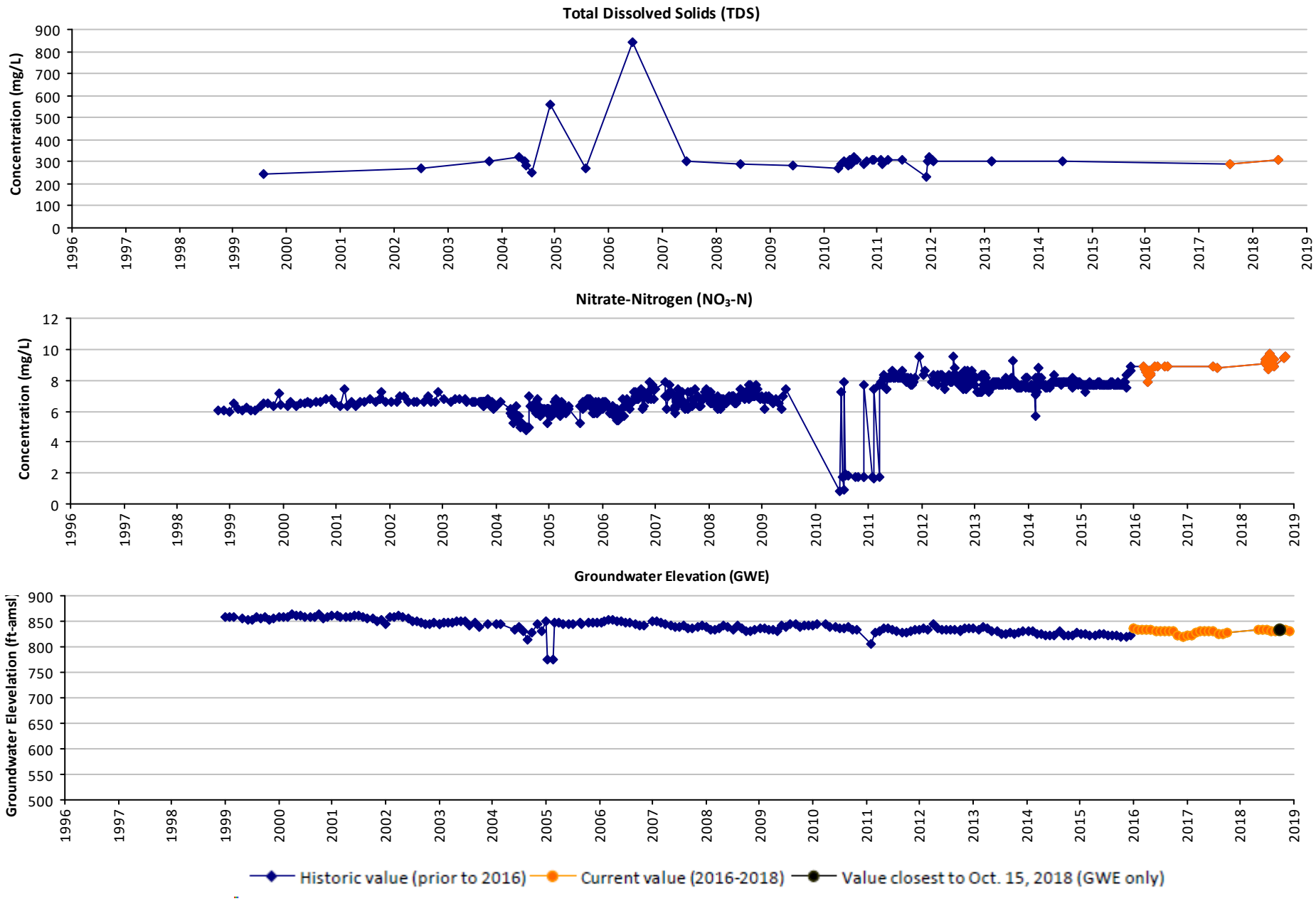

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

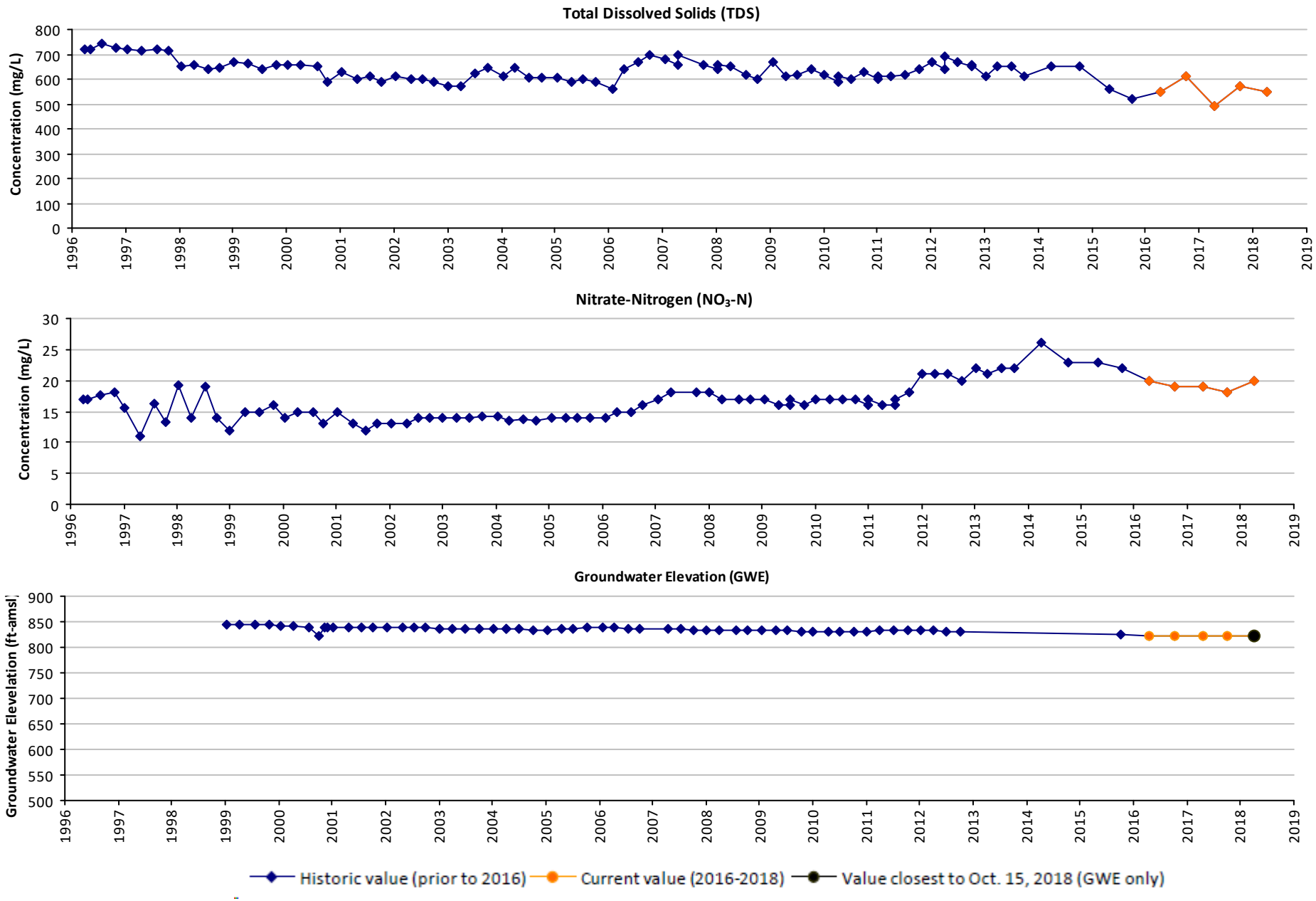

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

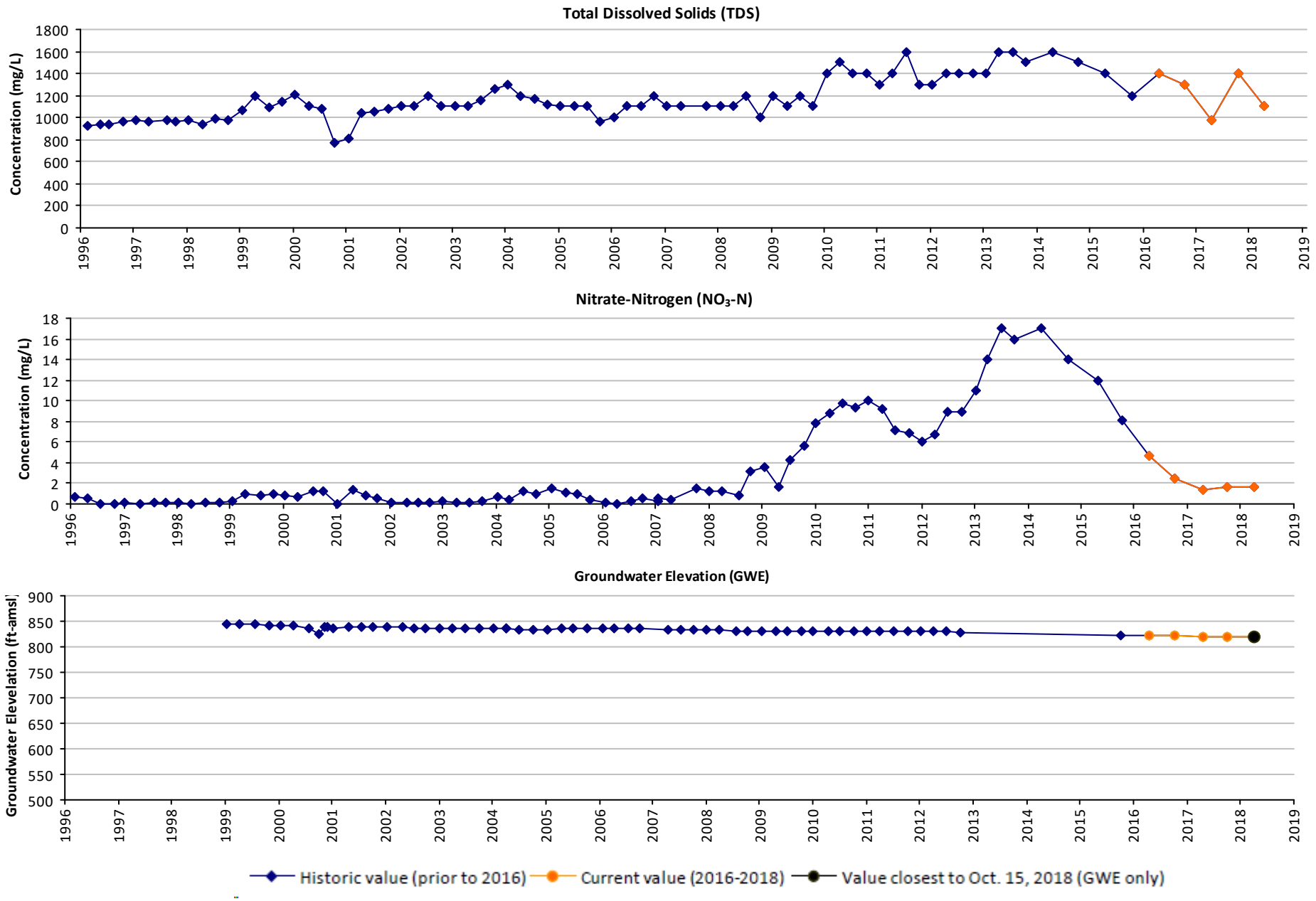
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

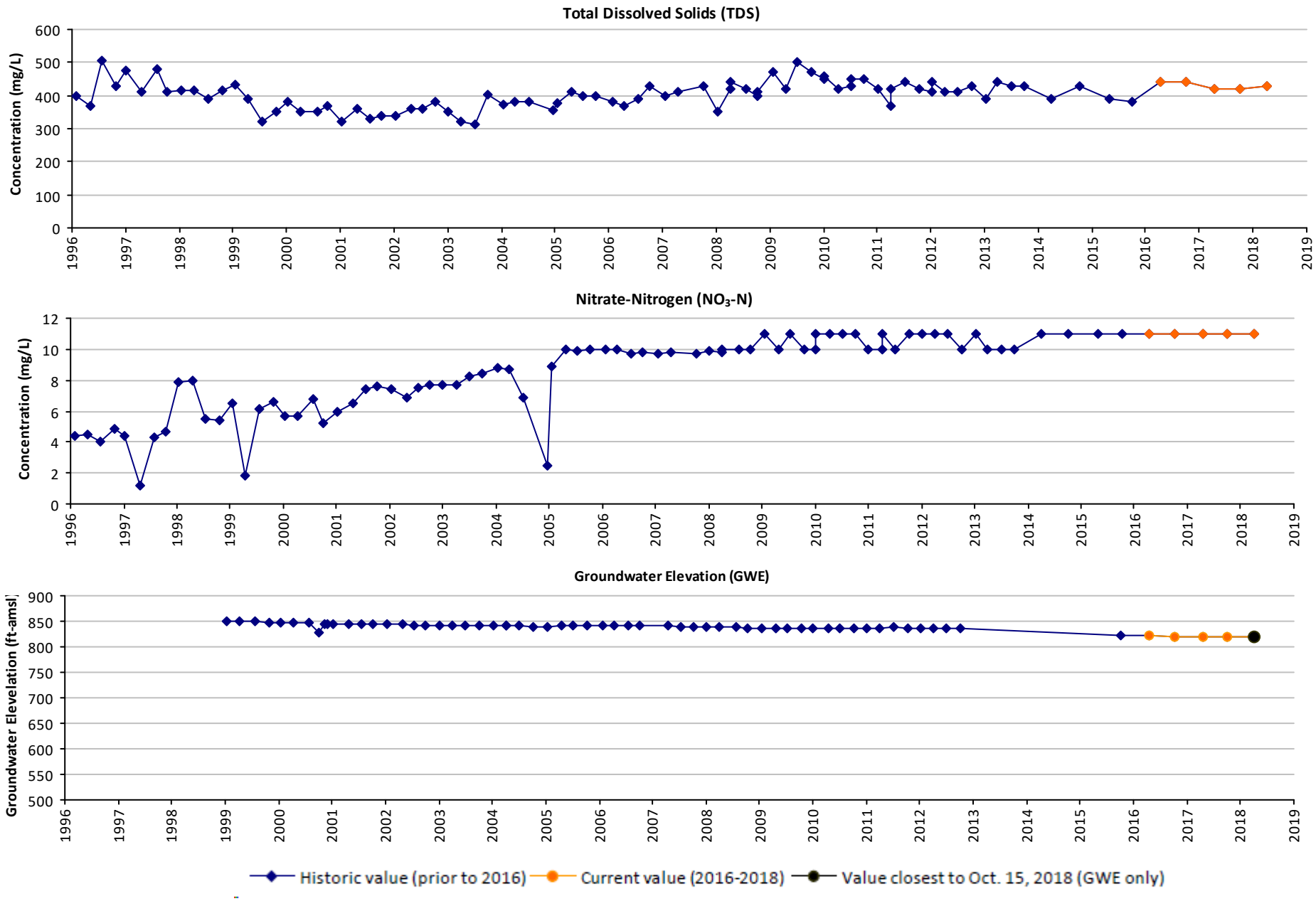

Total Dissolved Solids (TDS)
Concentration (mg/L)
60
50
40
30
20
10
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

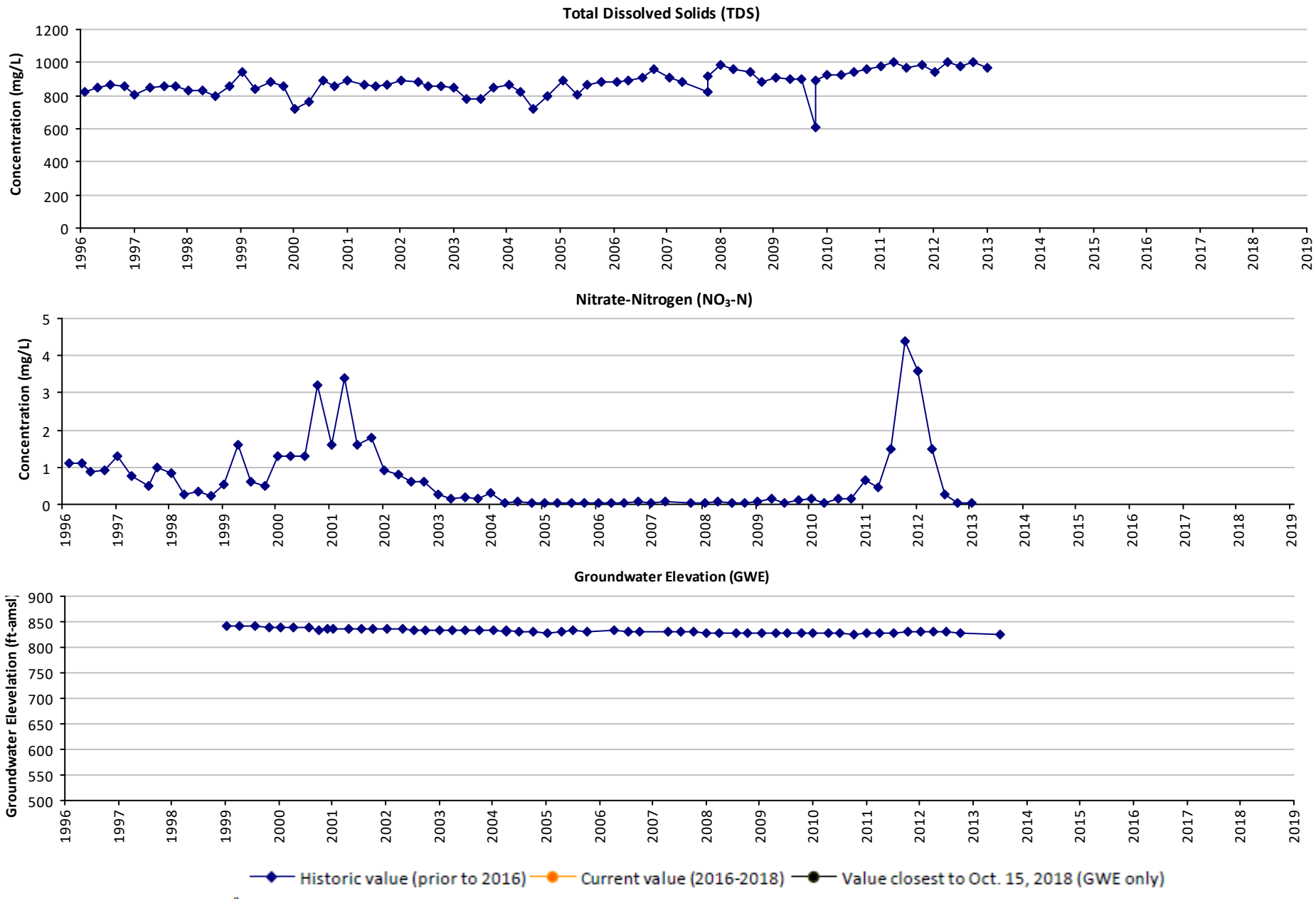

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

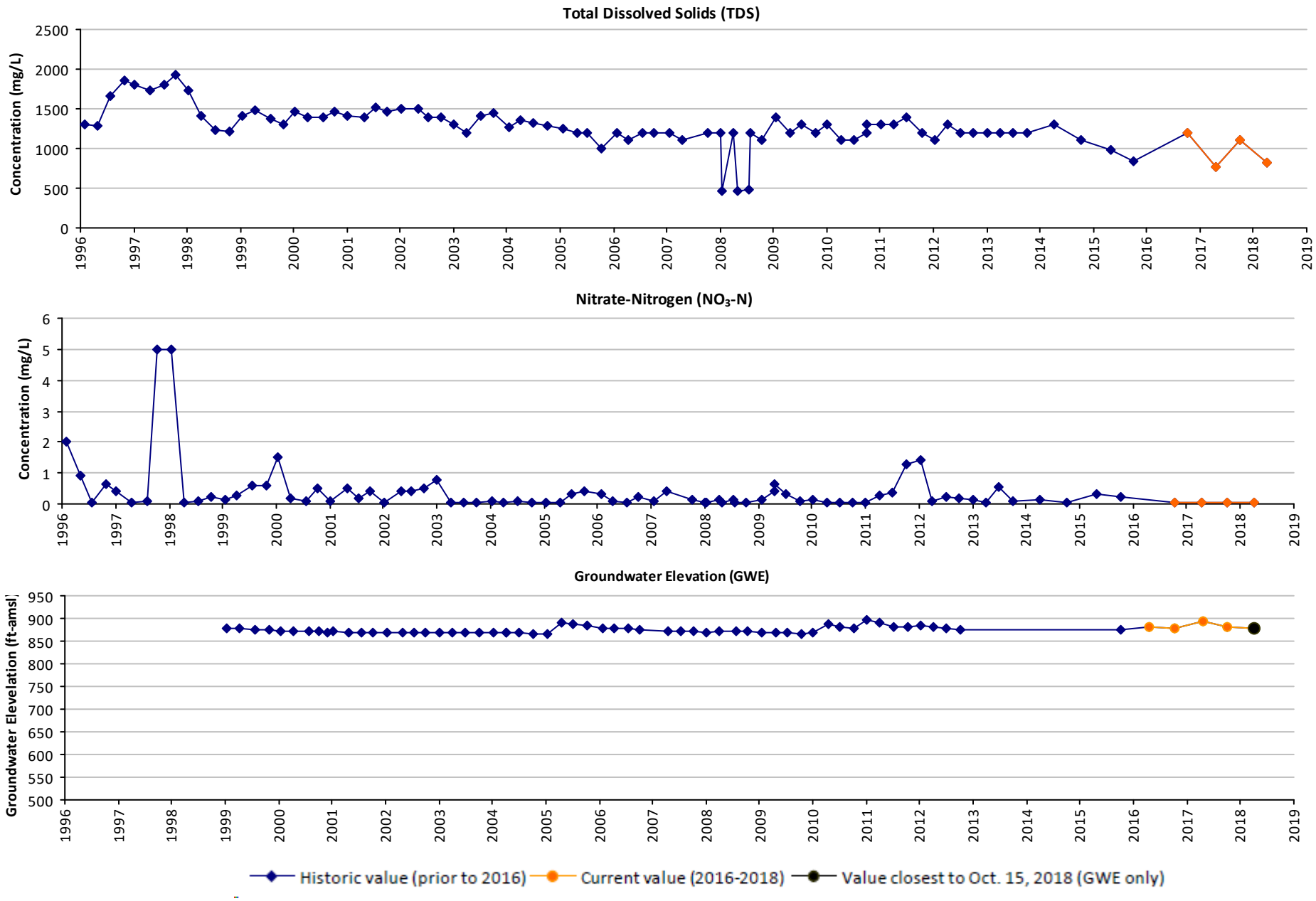

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

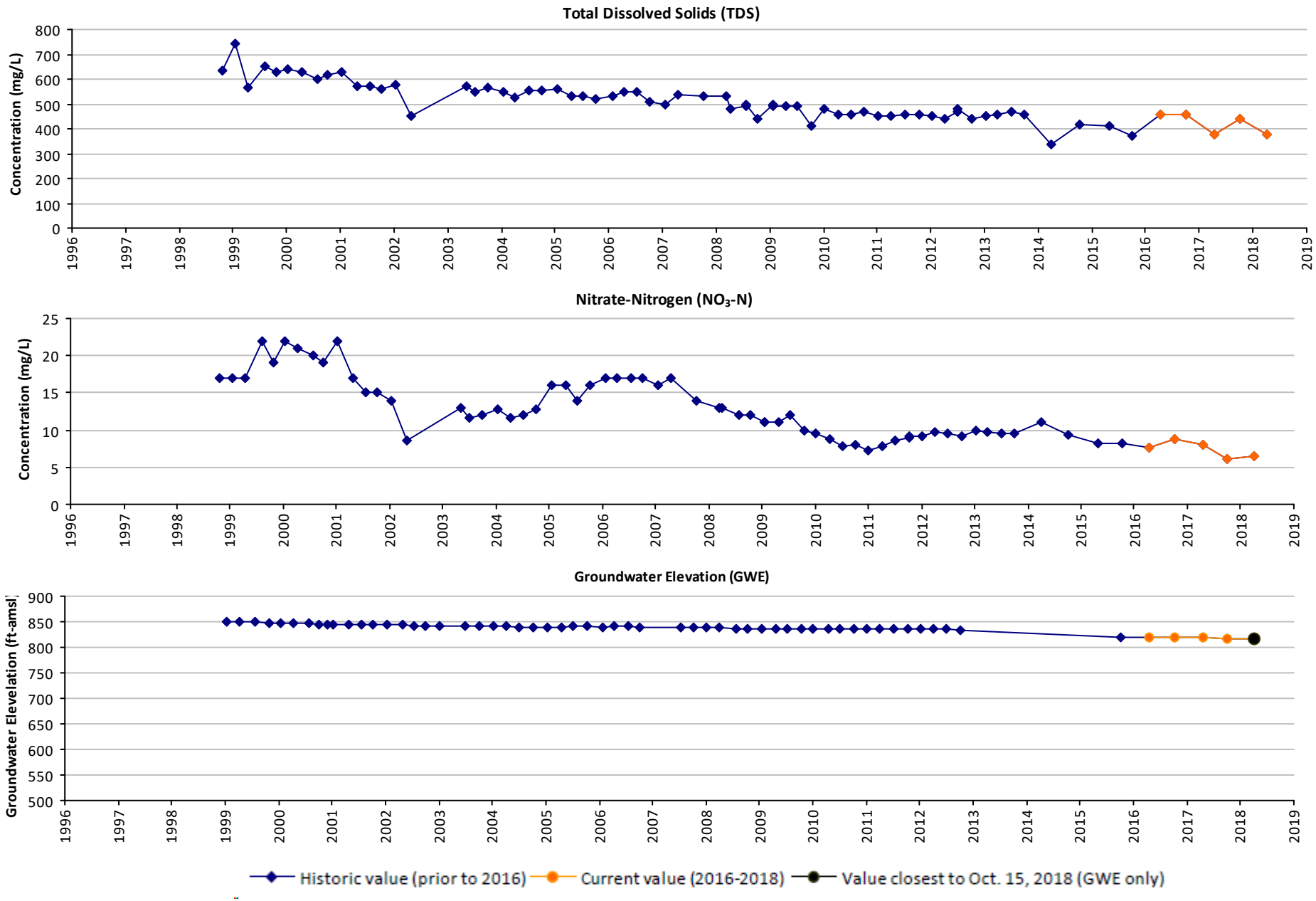

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

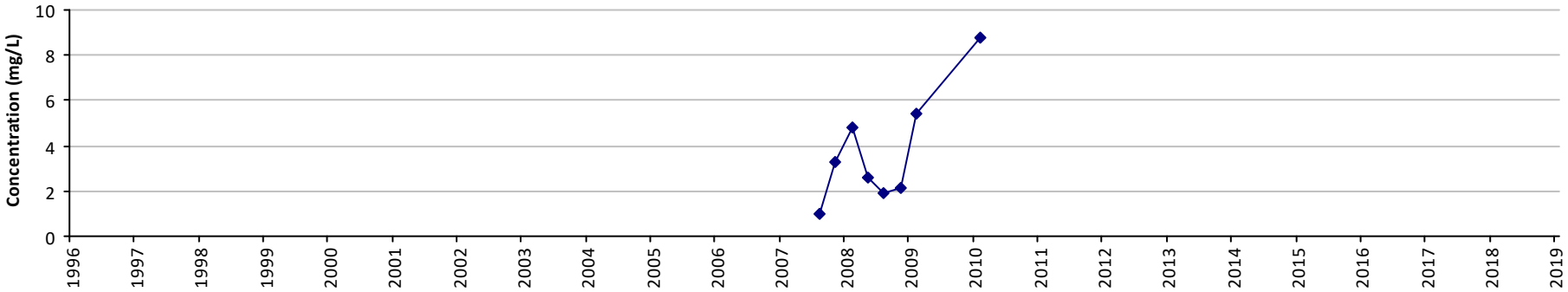

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

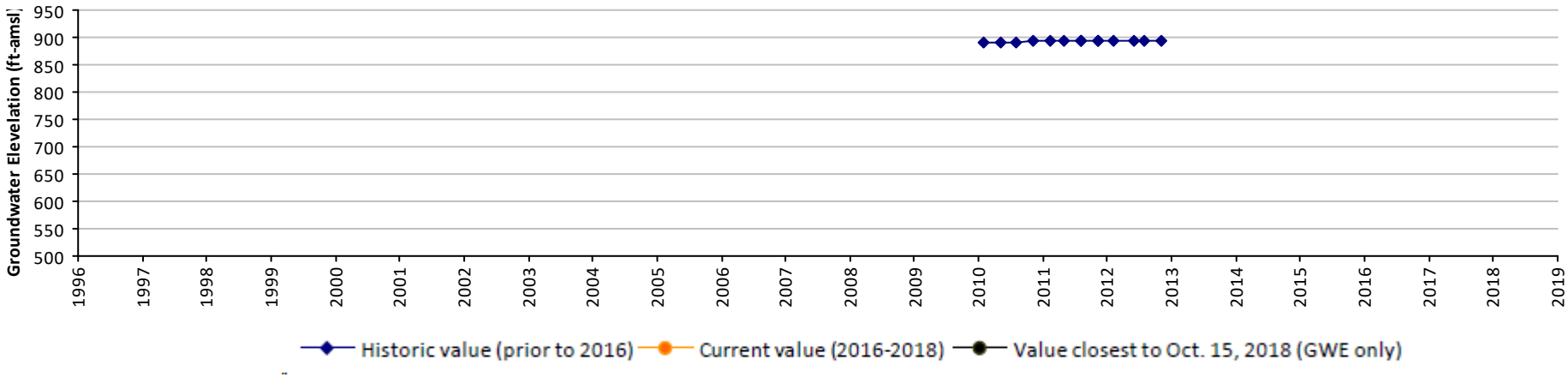

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

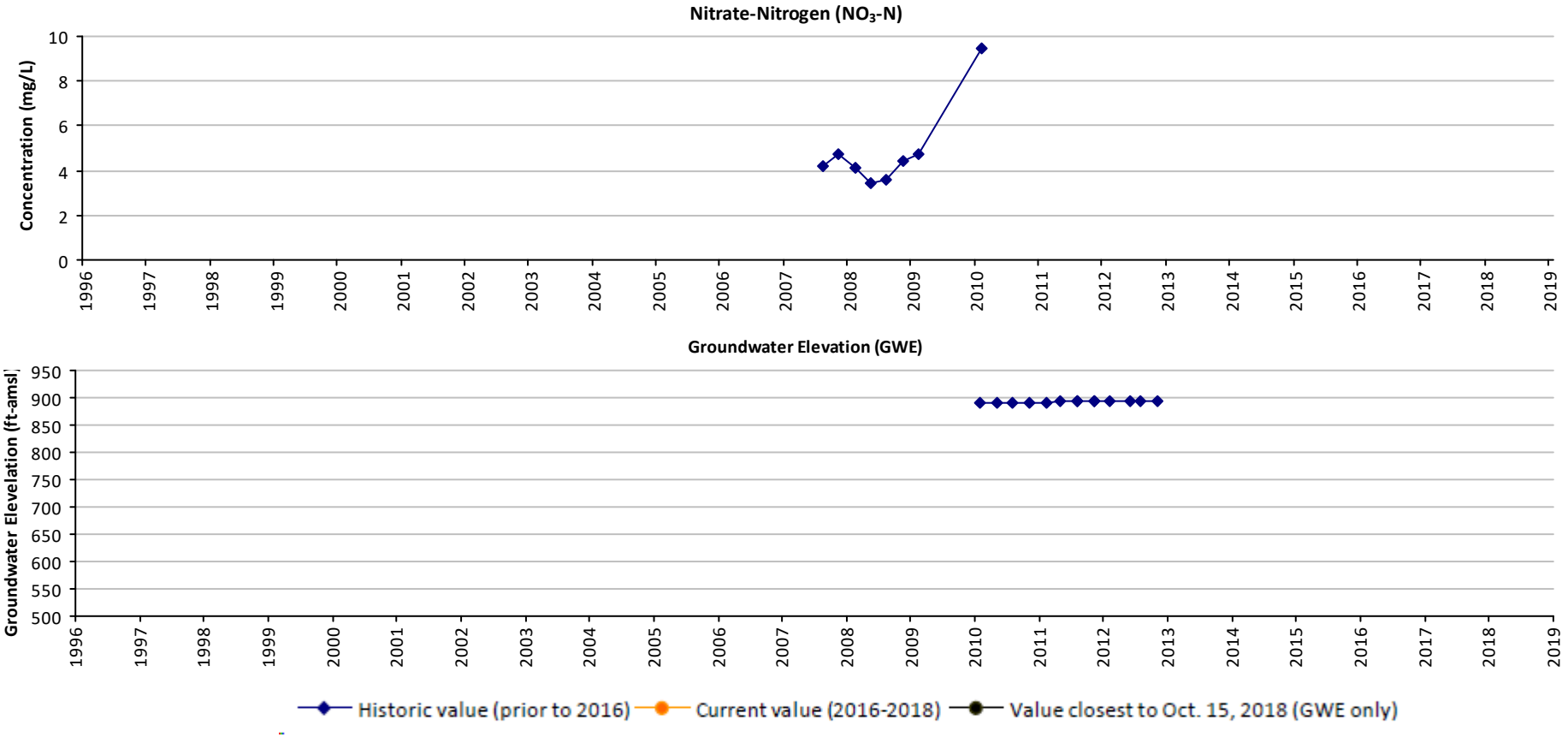
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

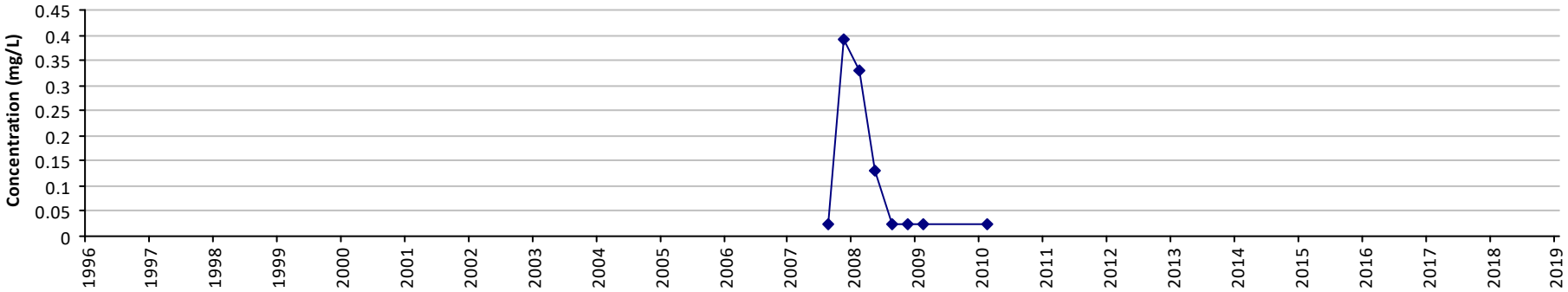


Total Dissolved Solids (TDS)

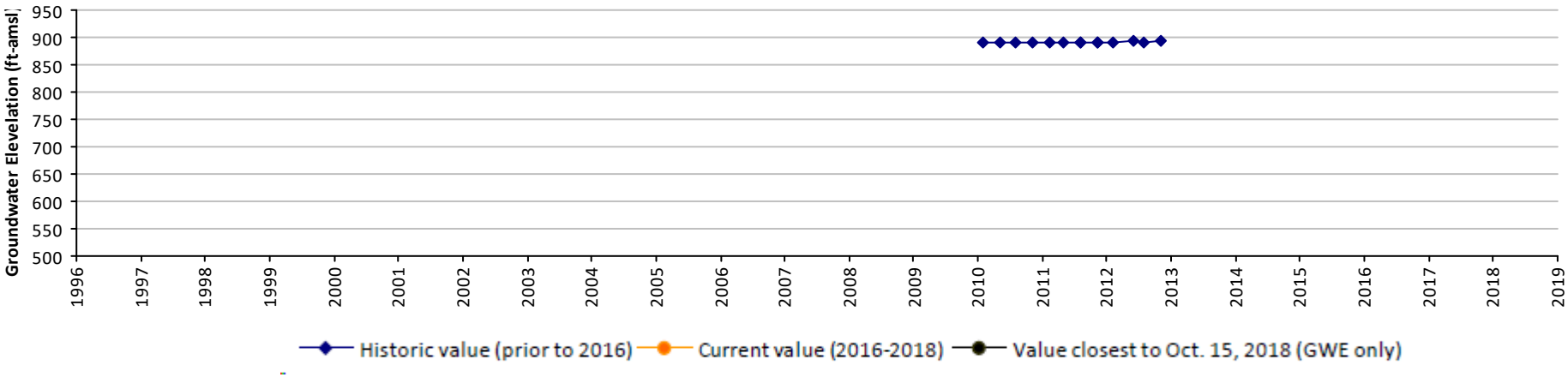


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

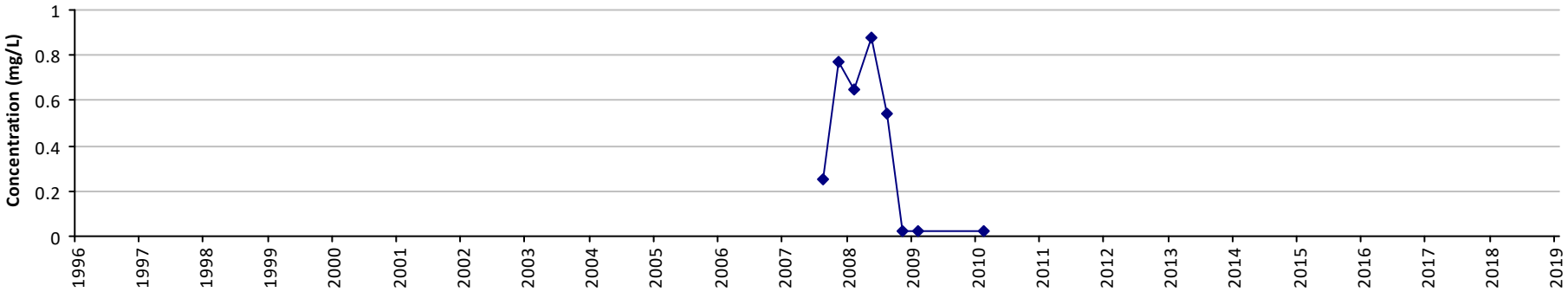


Groundwater Elevation (GWE)

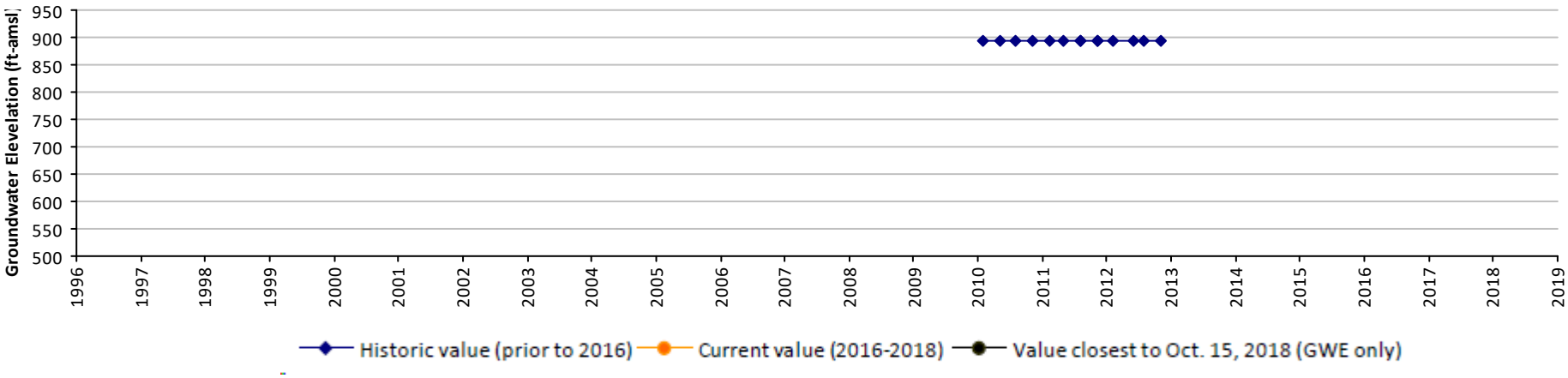


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

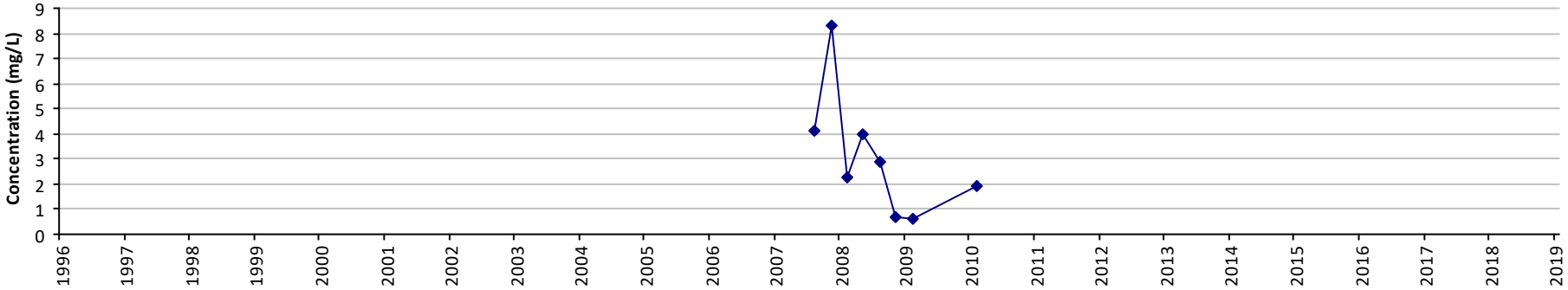


Groundwater Elevation (GWE)

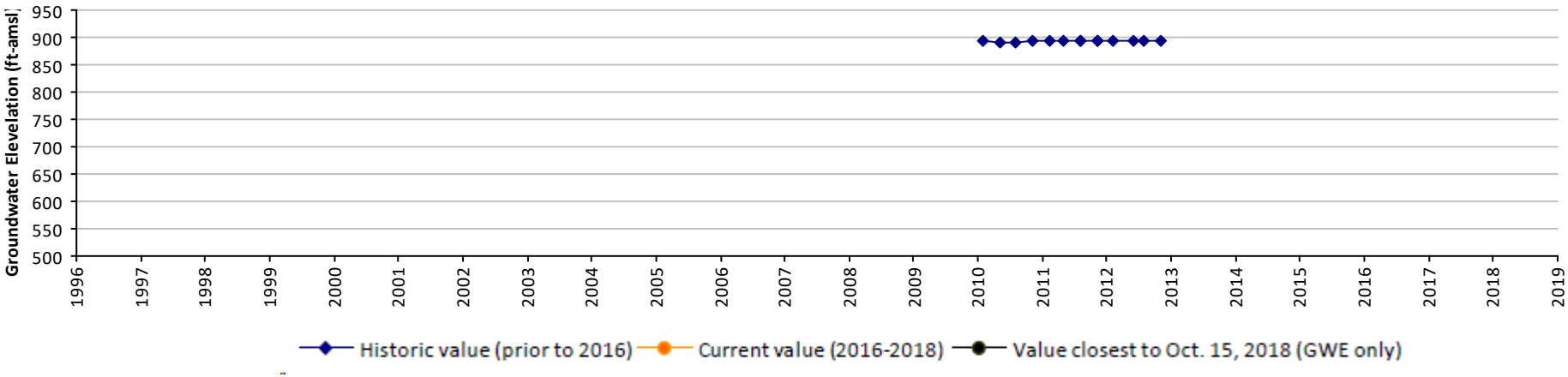


Total Dissolved Solids (TDS)

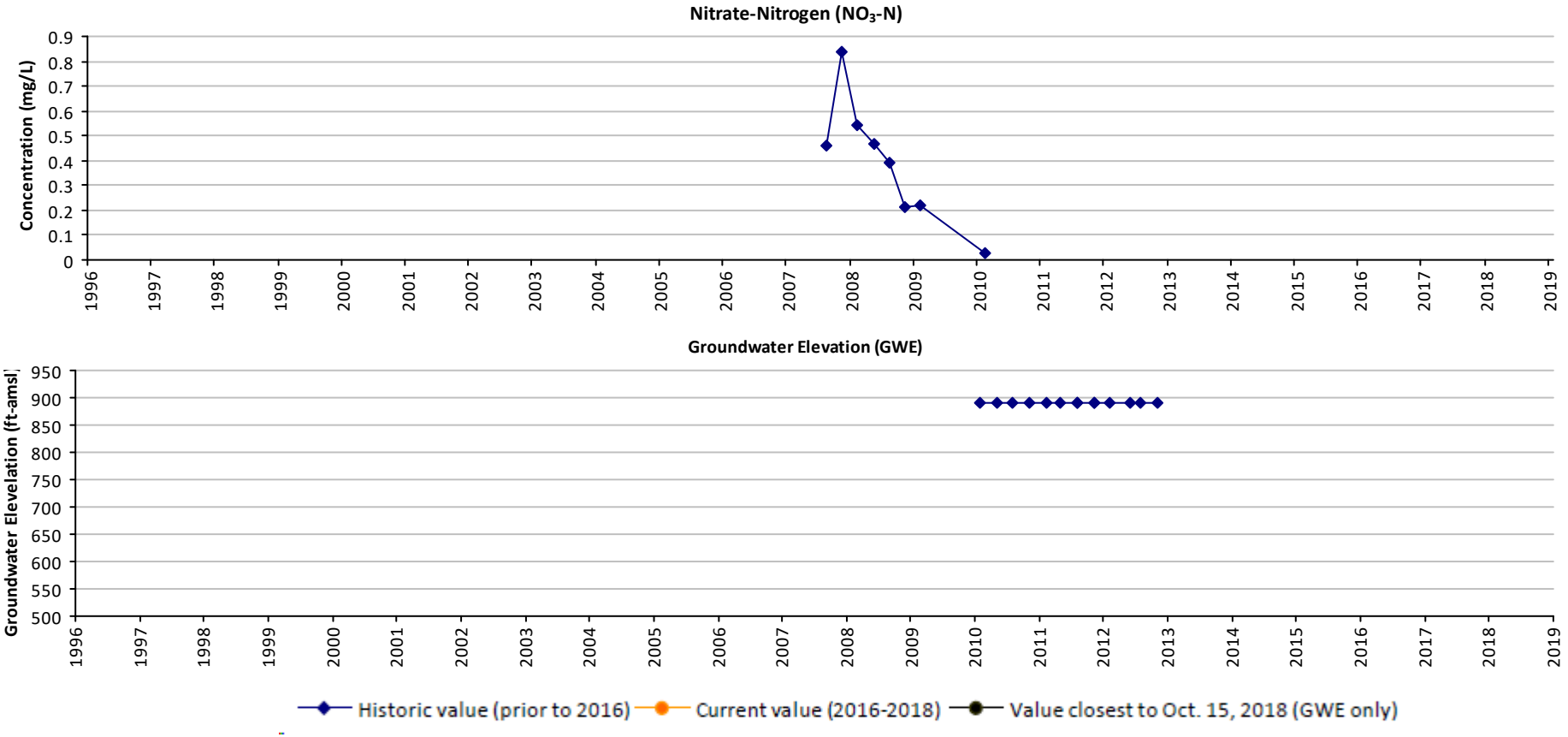
Nitrate-Nitrogen (NO_3-N)



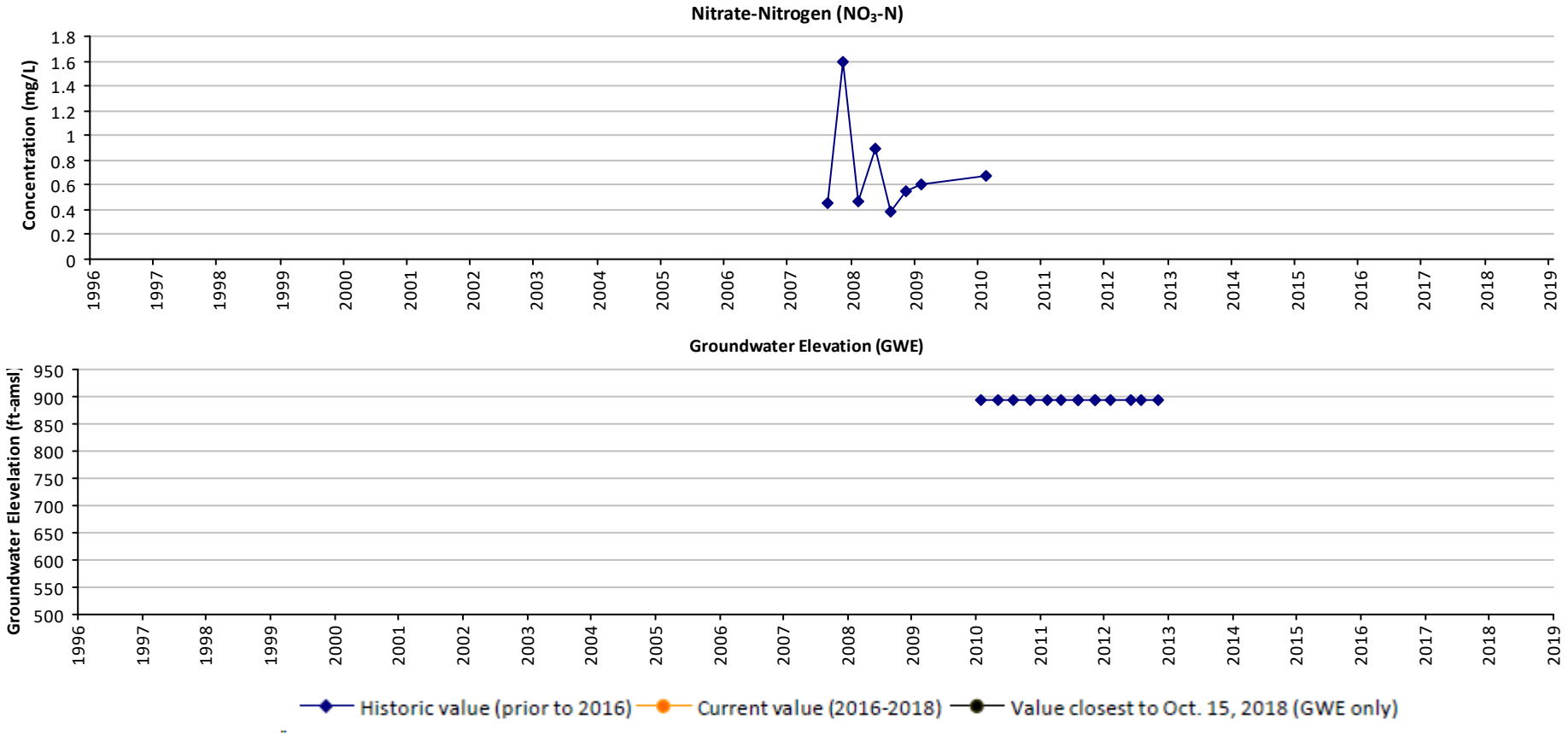
Groundwater Elevation (GWE)



Total Dissolved Solids (TDS)

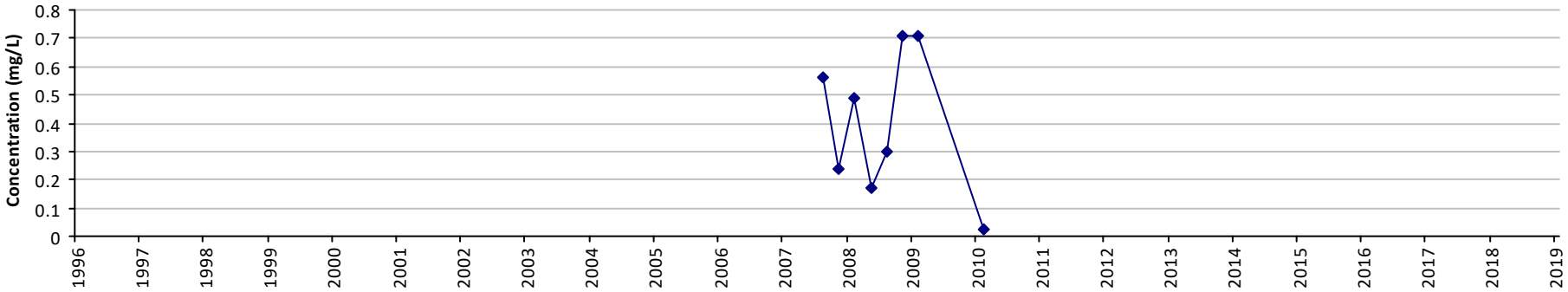


Total Dissolved Solids (TDS)

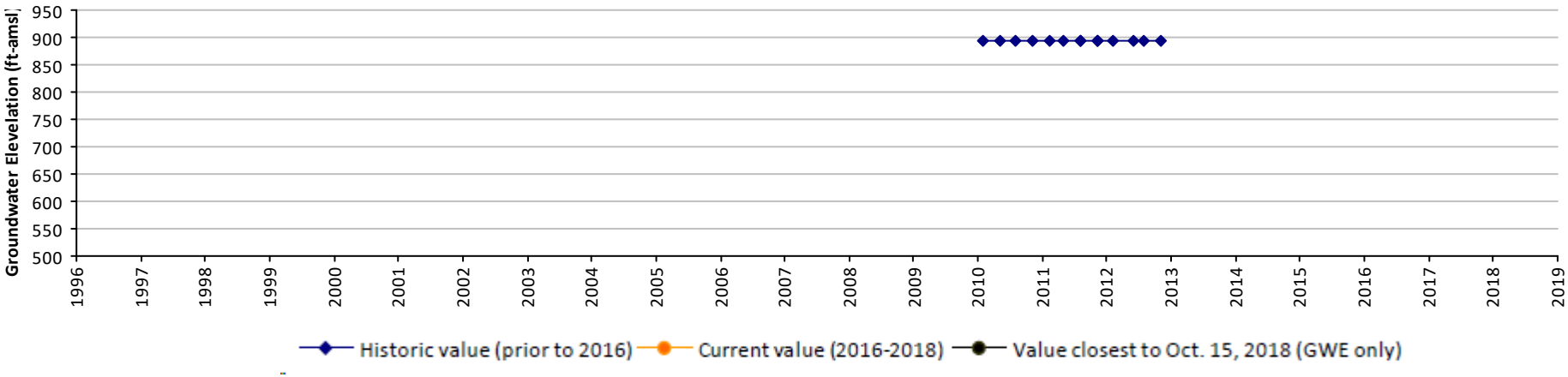


Total Dissolved Solids (TDS)

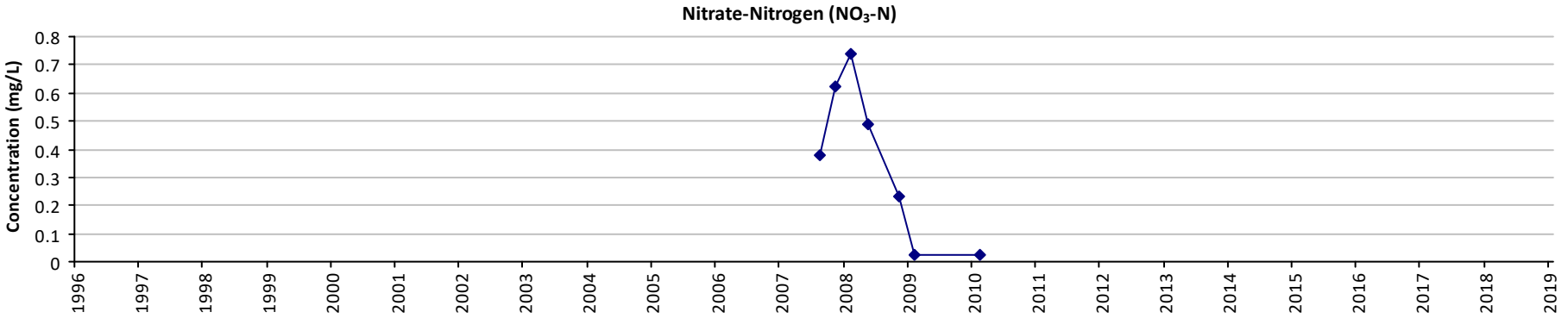
Nitrate-Nitrogen (NO_3-N)

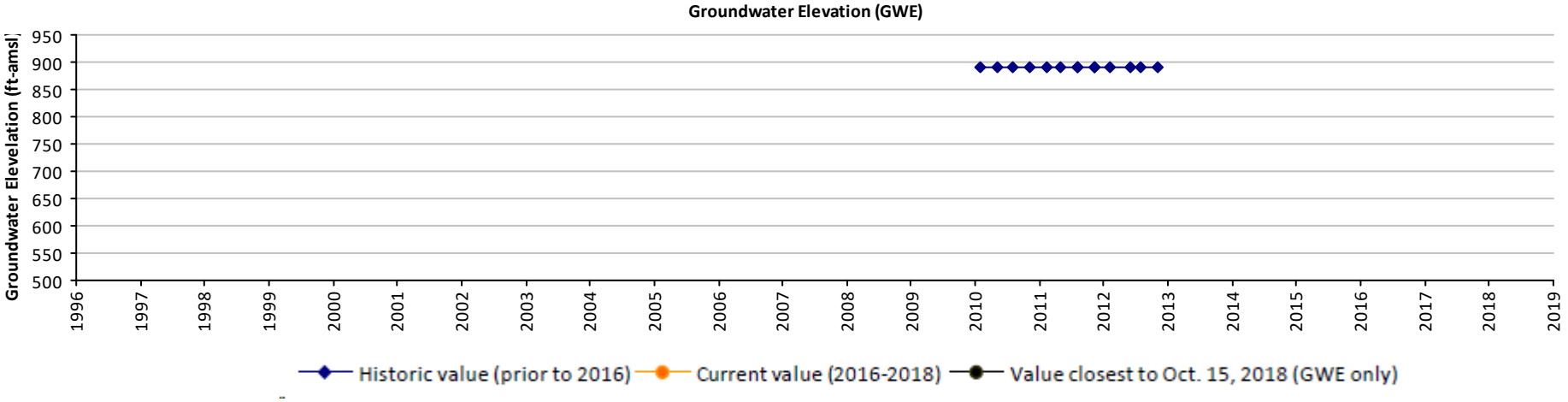


Groundwater Elevation (GWE)

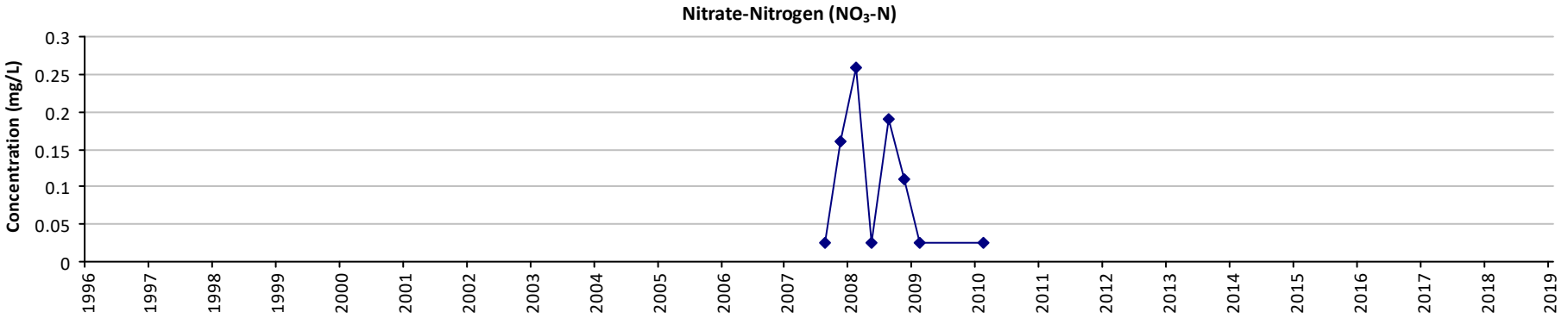


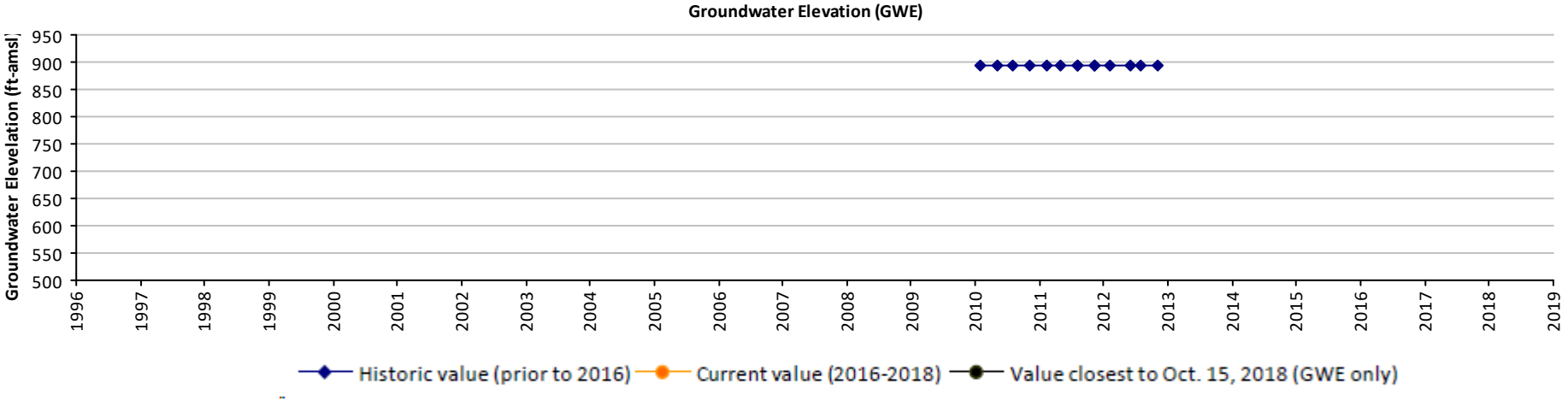
Total Dissolved Solids (TDS)





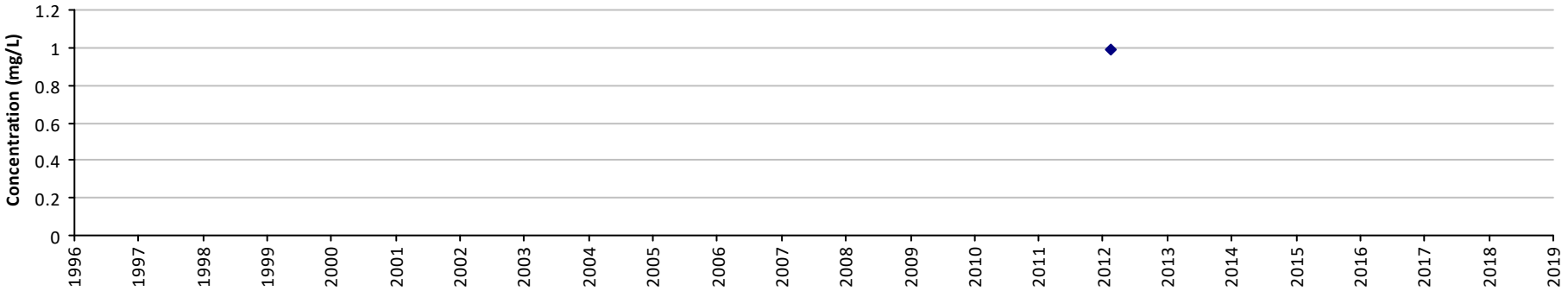
Total Dissolved Solids (TDS)



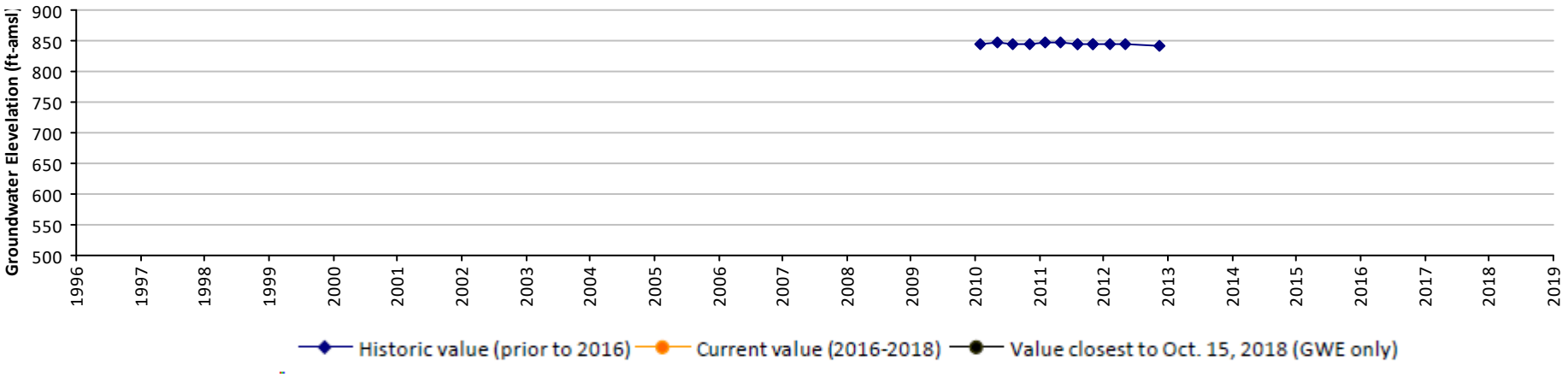


Total Dissolved Solids (TDS)

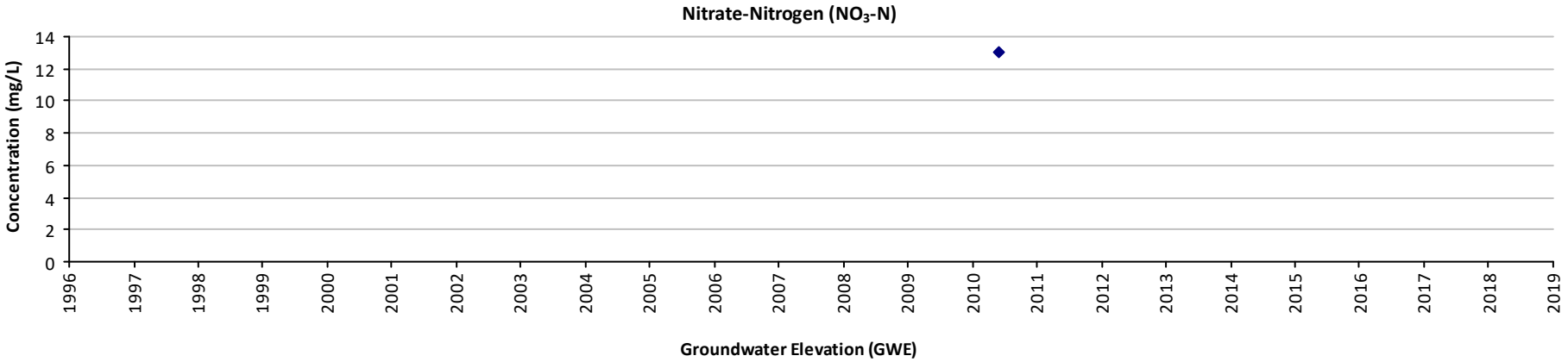
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



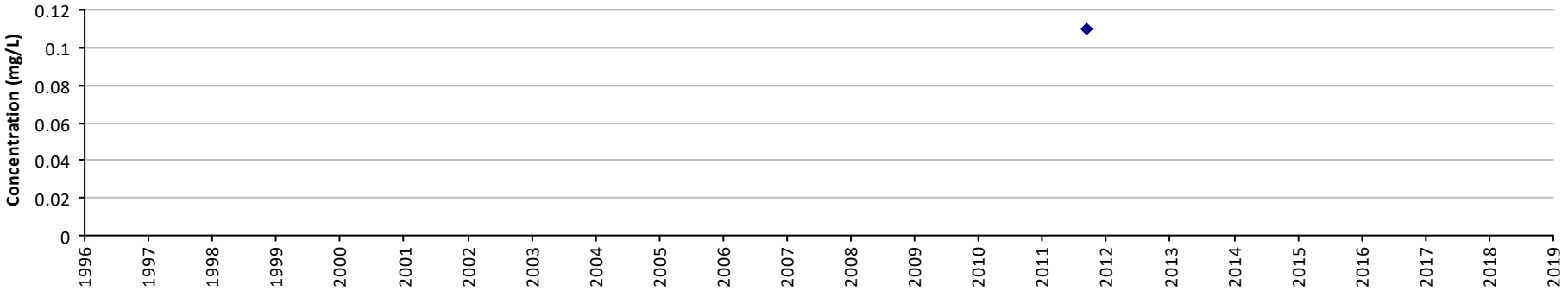
Total Dissolved Solids (TDS)



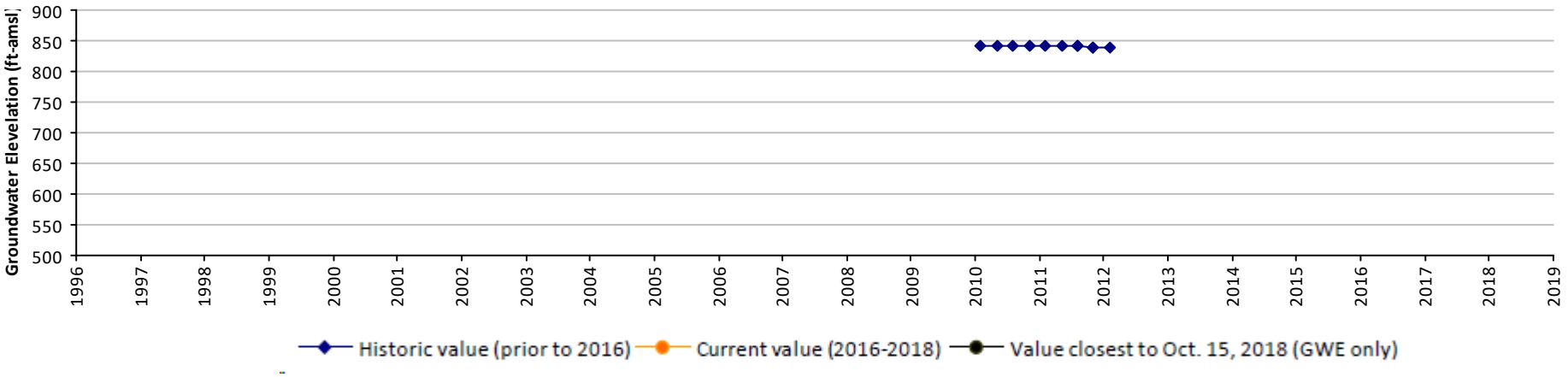
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

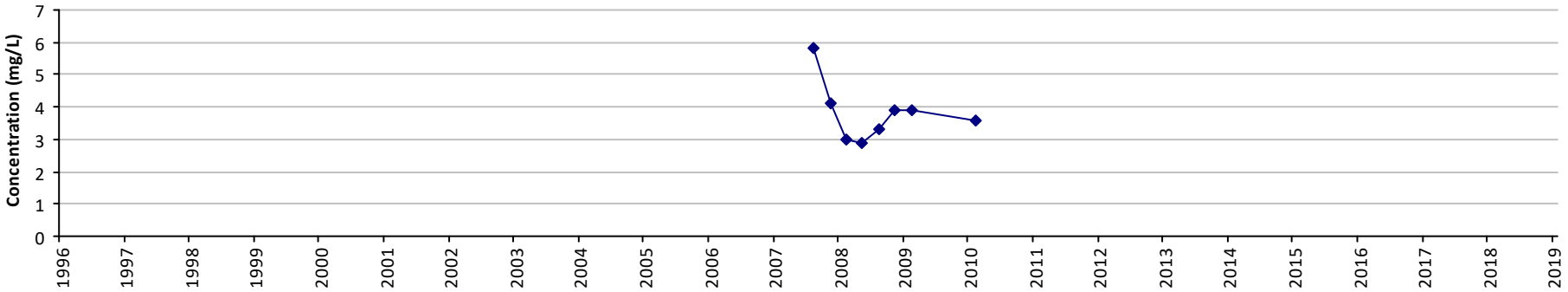


Groundwater Elevation (GWE)

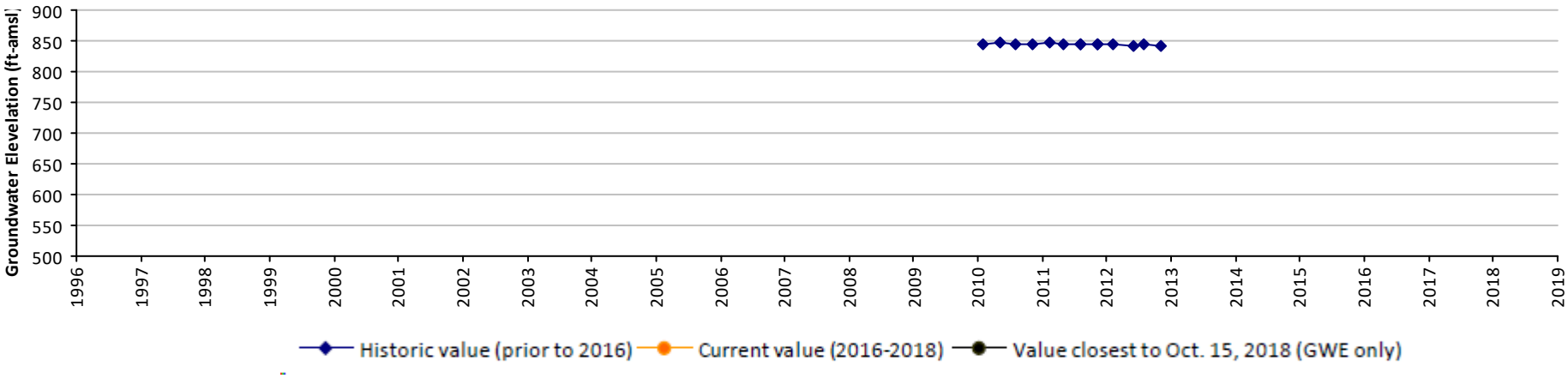


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

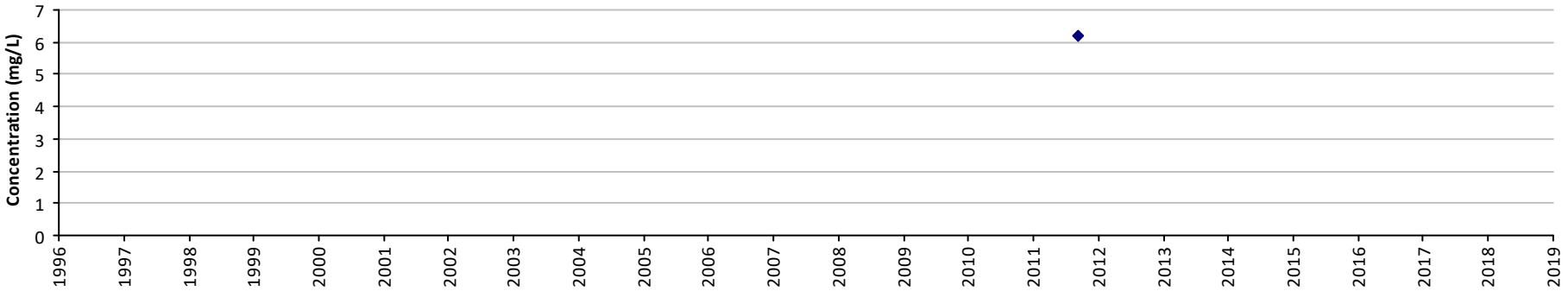


Groundwater Elevation (GWE)

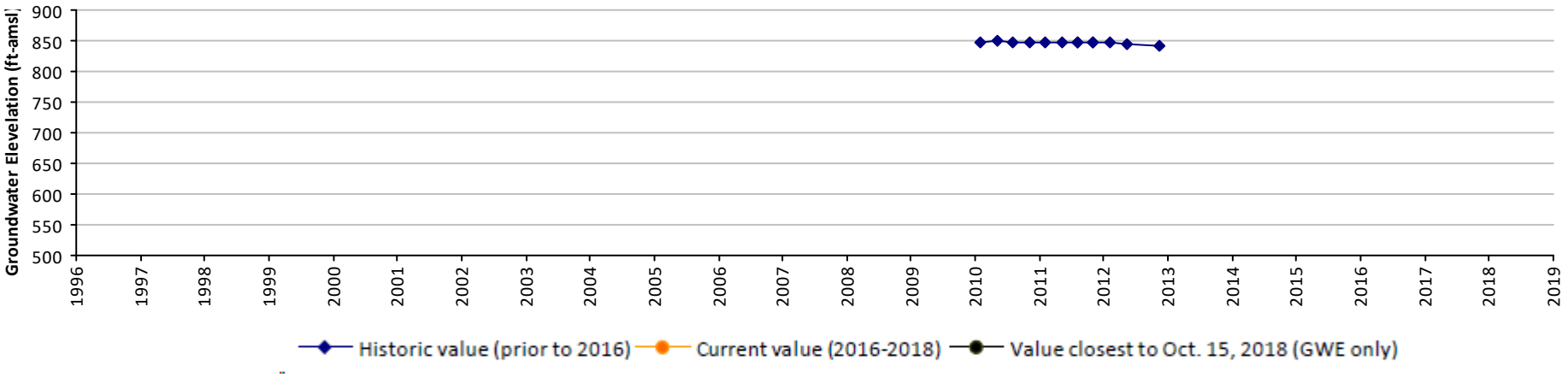


Total Dissolved Solids (TDS)

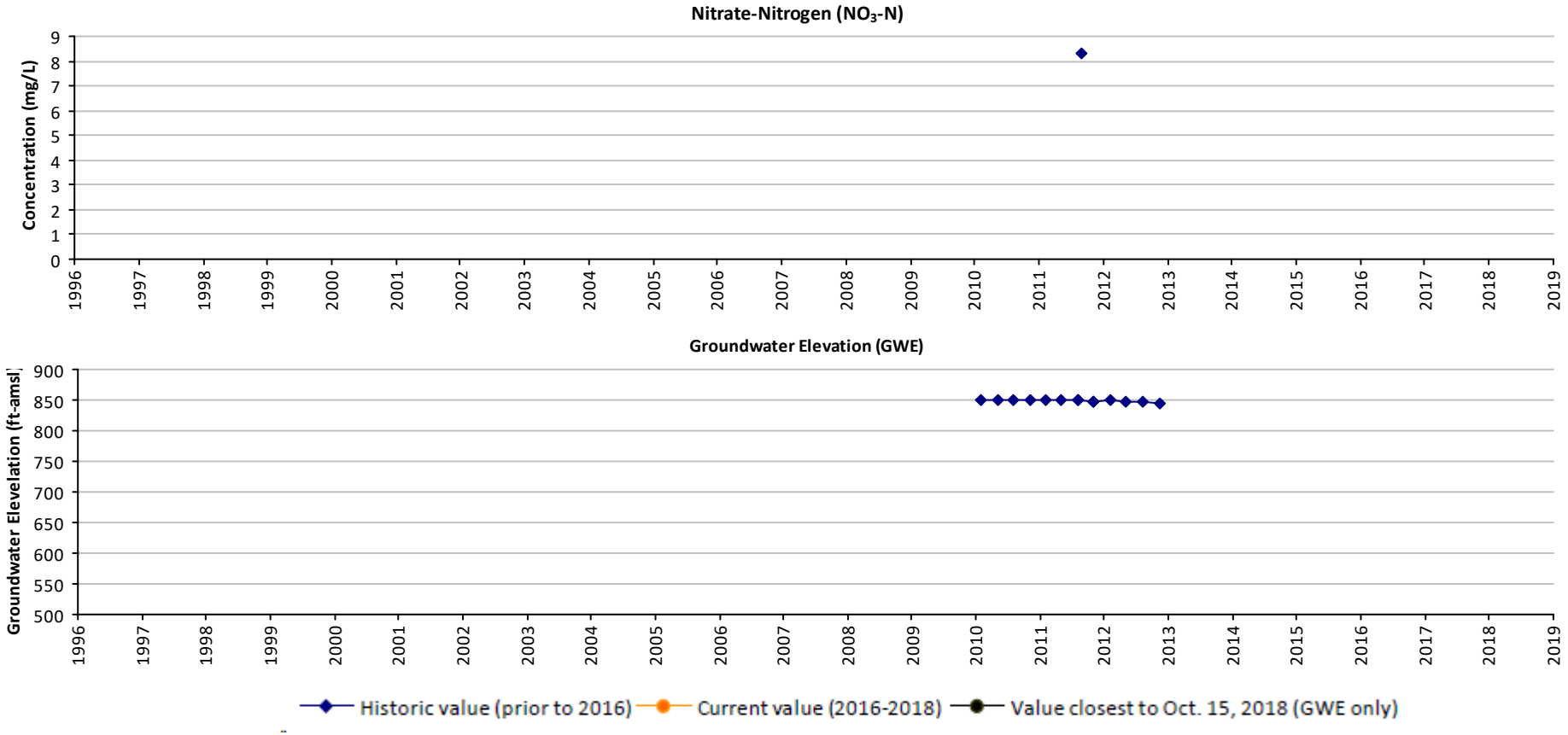
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

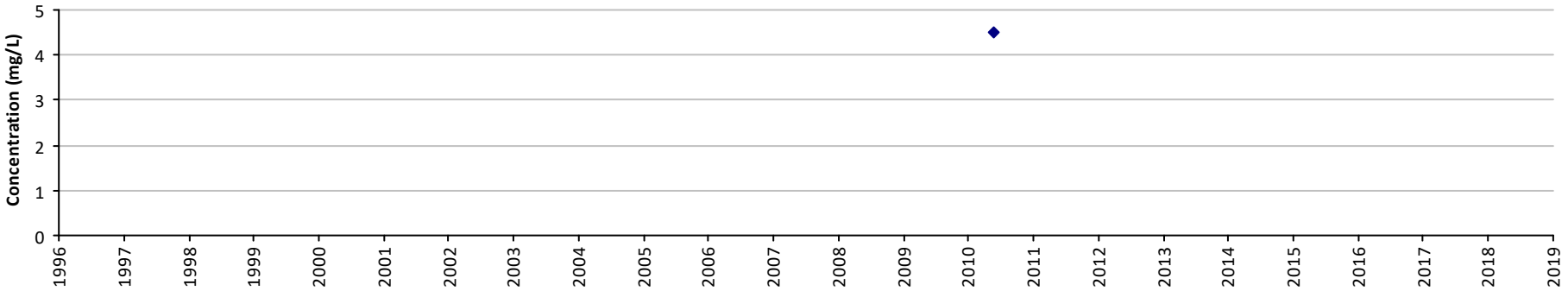


Total Dissolved Solids (TDS)

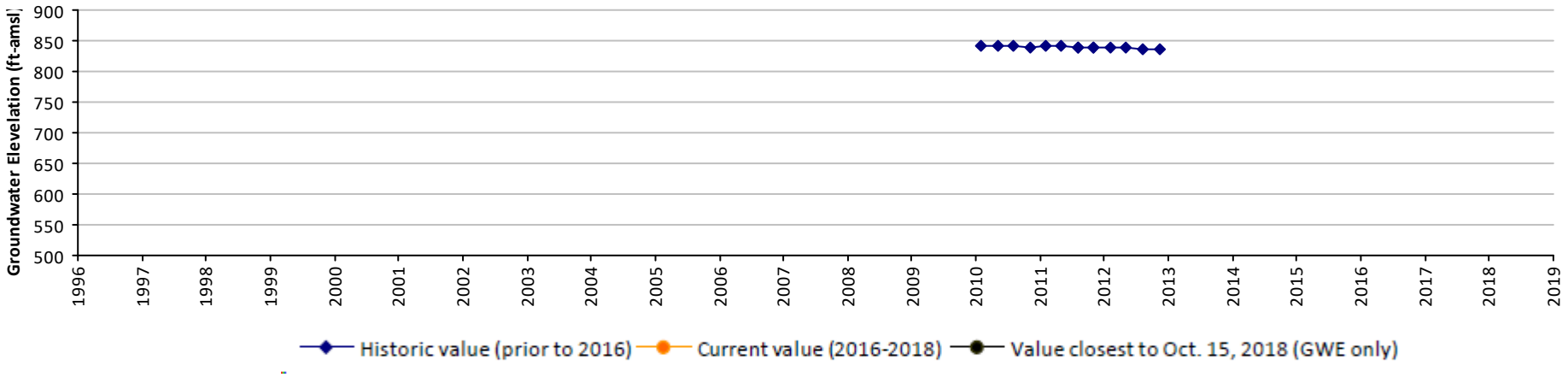


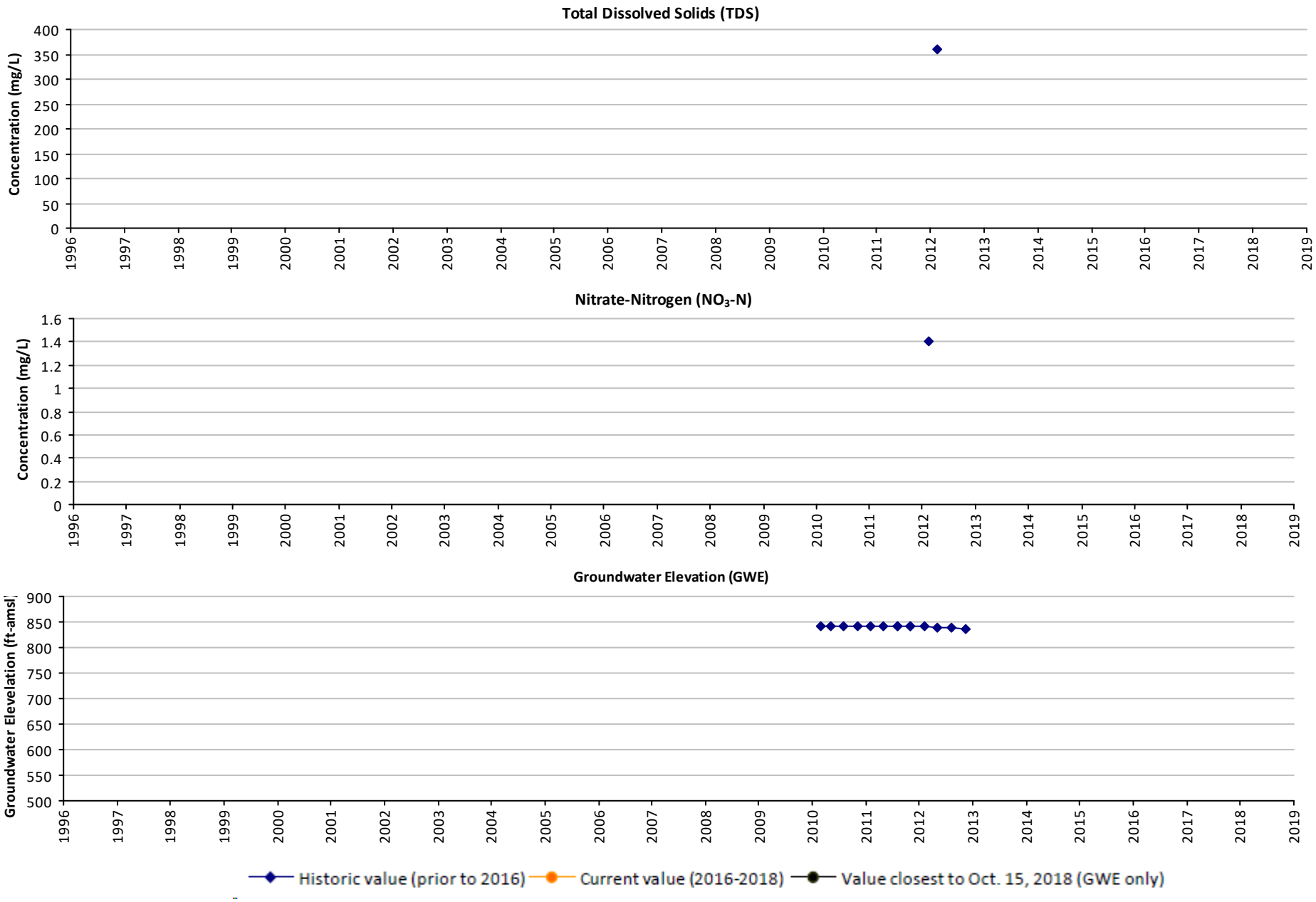
Total Dissolved Solids (TDS)

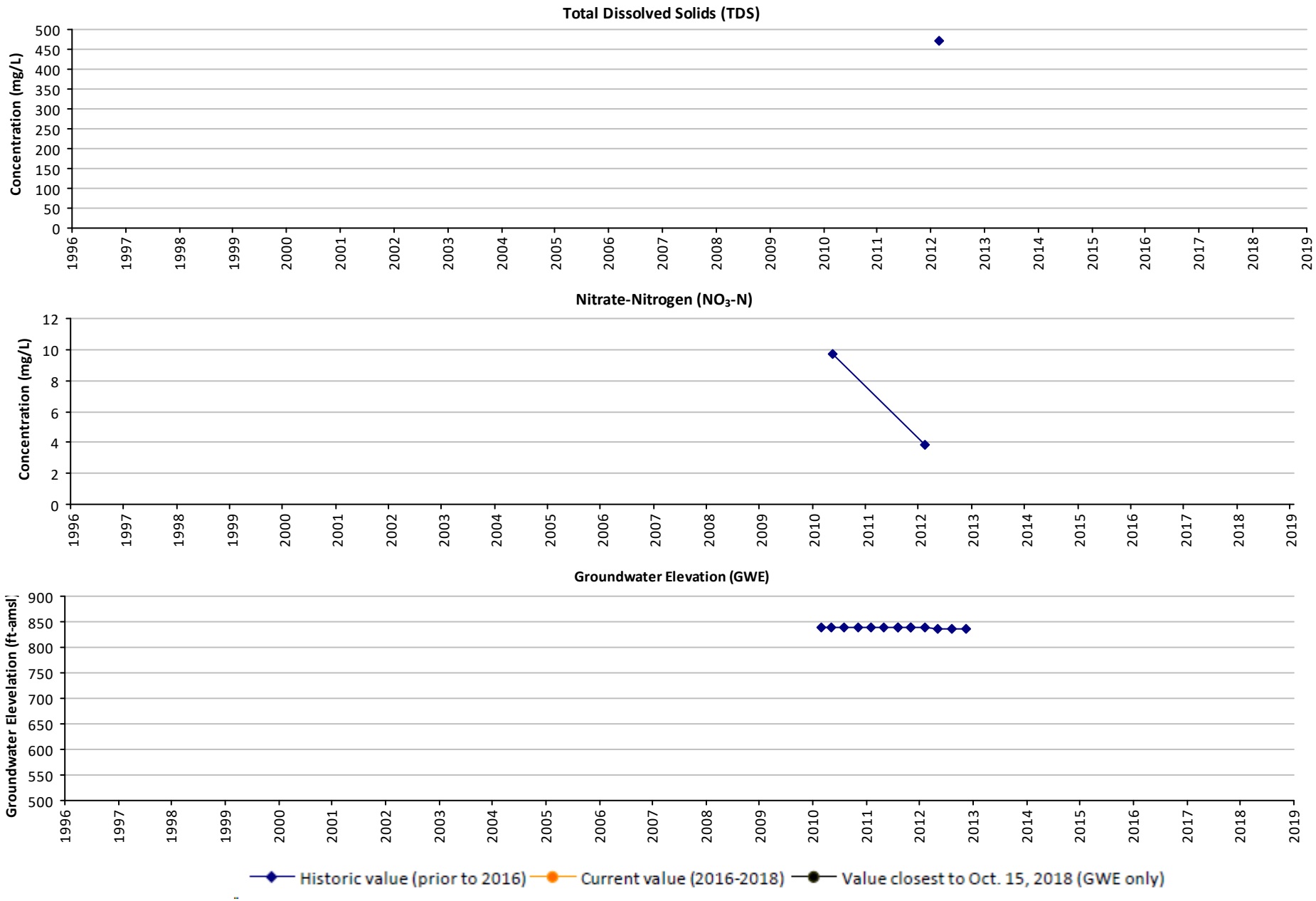
Nitrate-Nitrogen (NO_3-N)

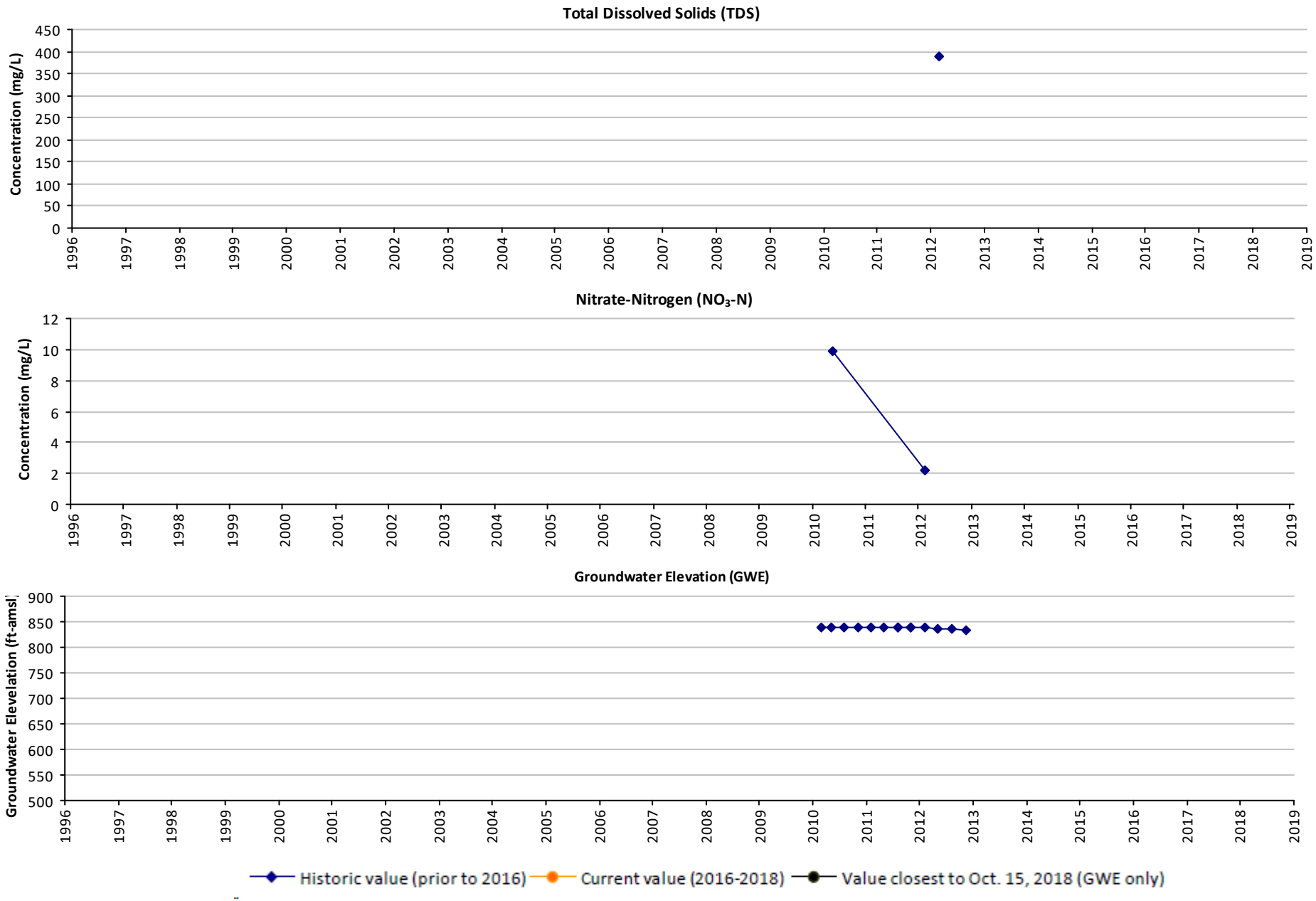


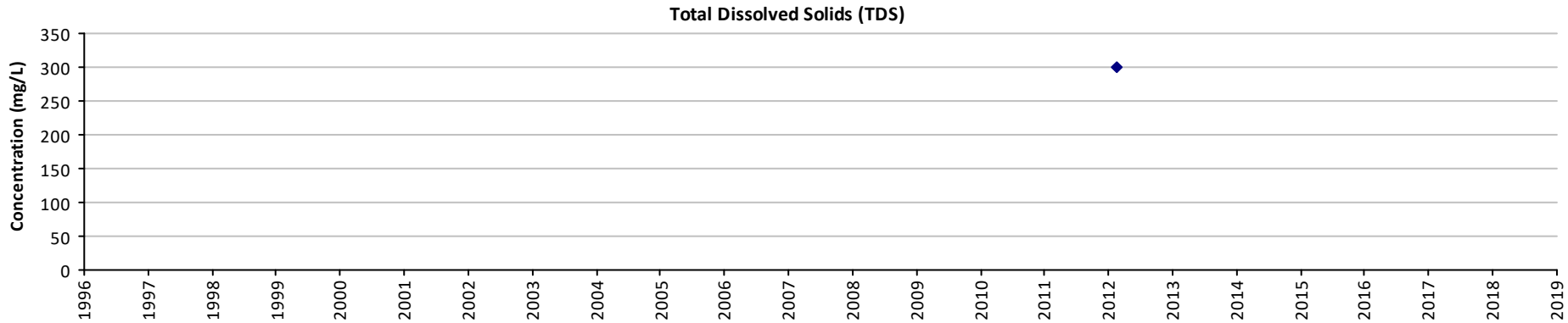
Groundwater Elevation (GWE)

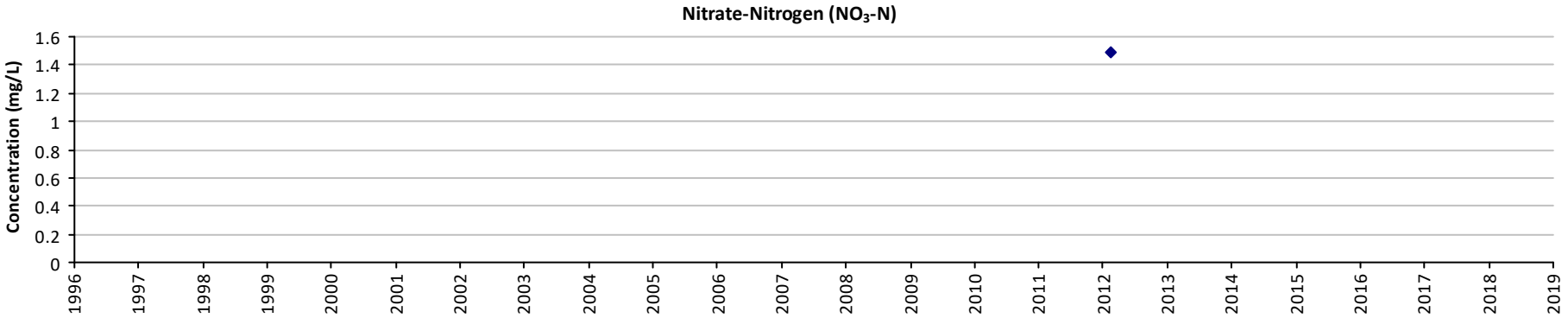


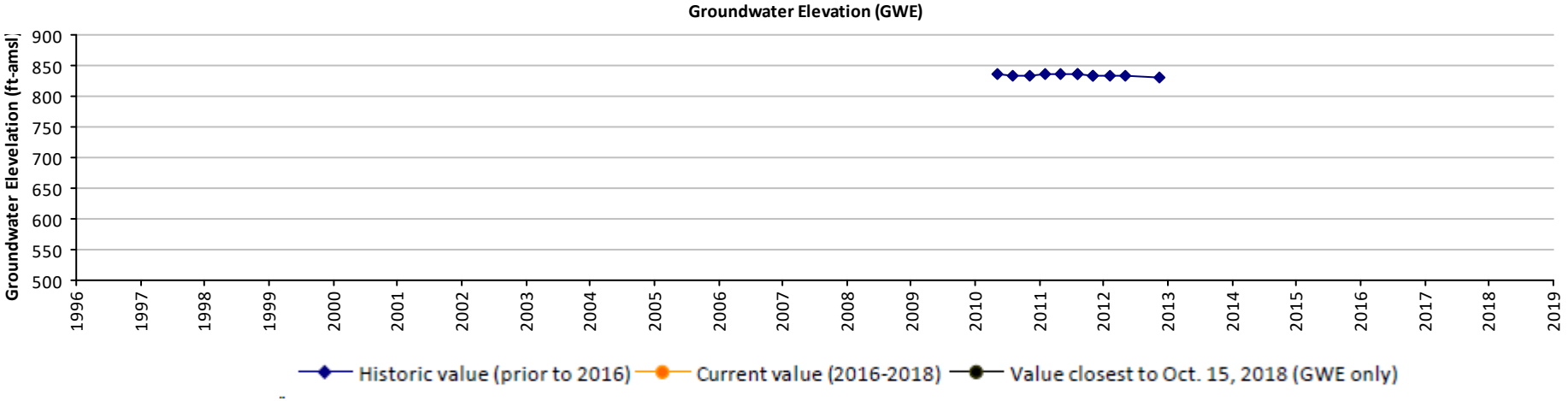

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

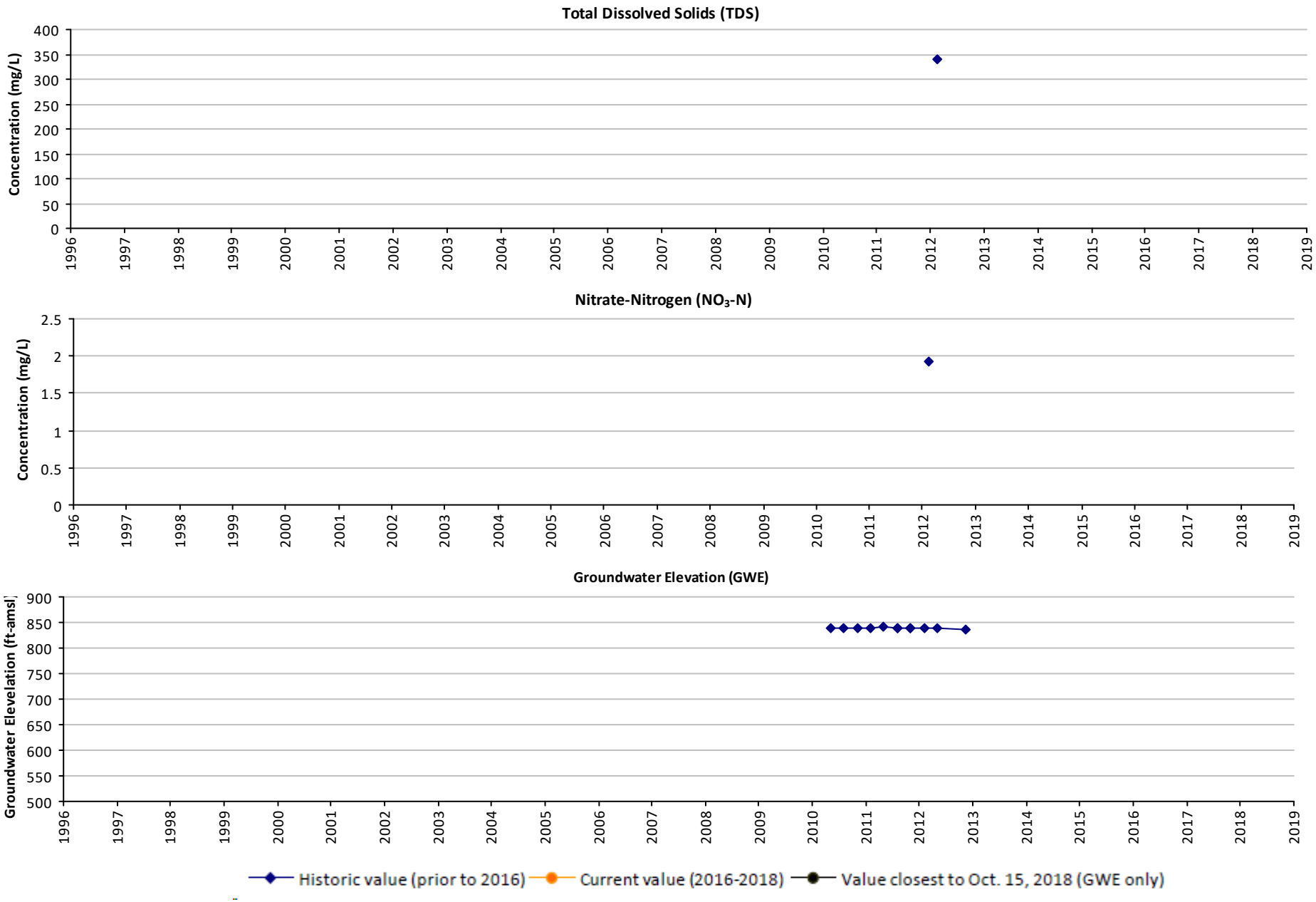

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

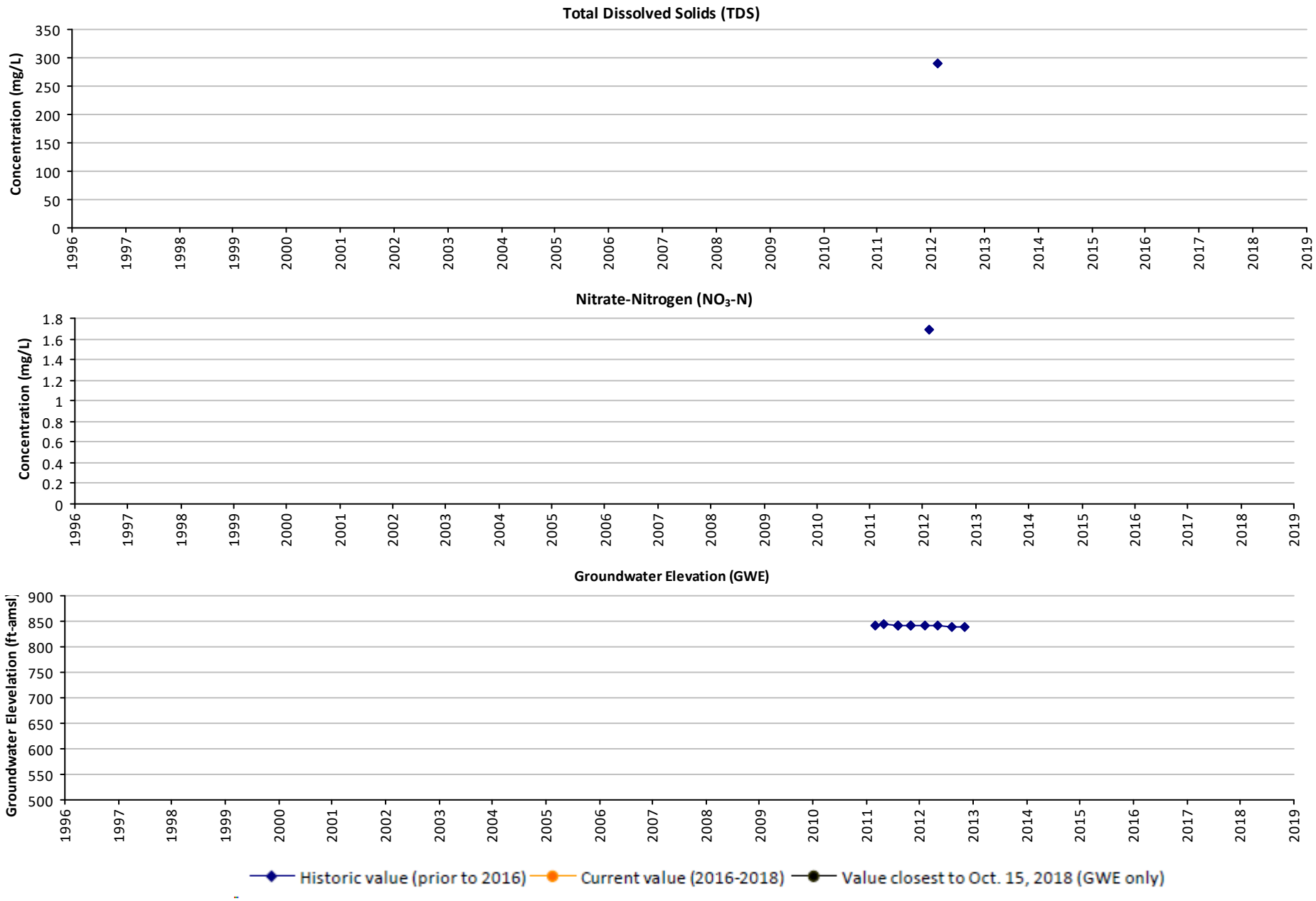

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

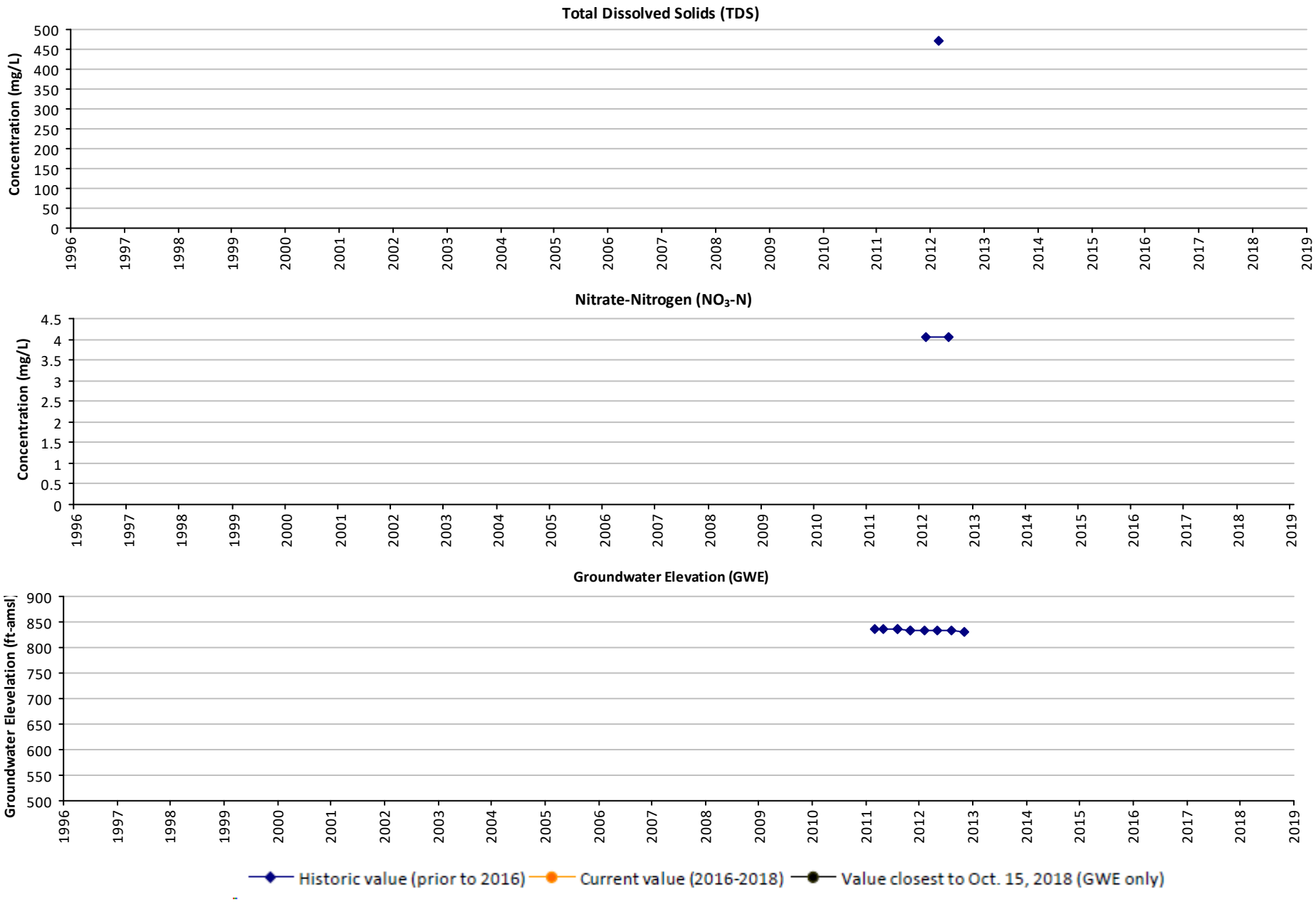

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

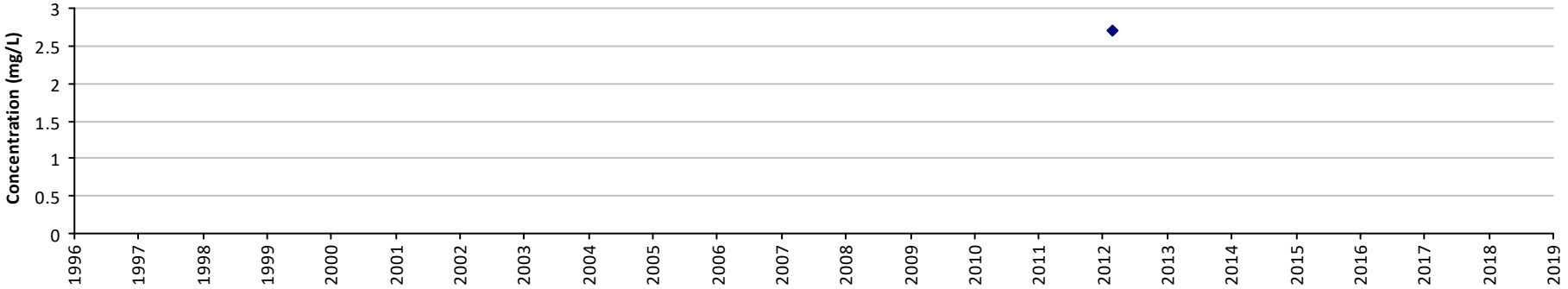

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

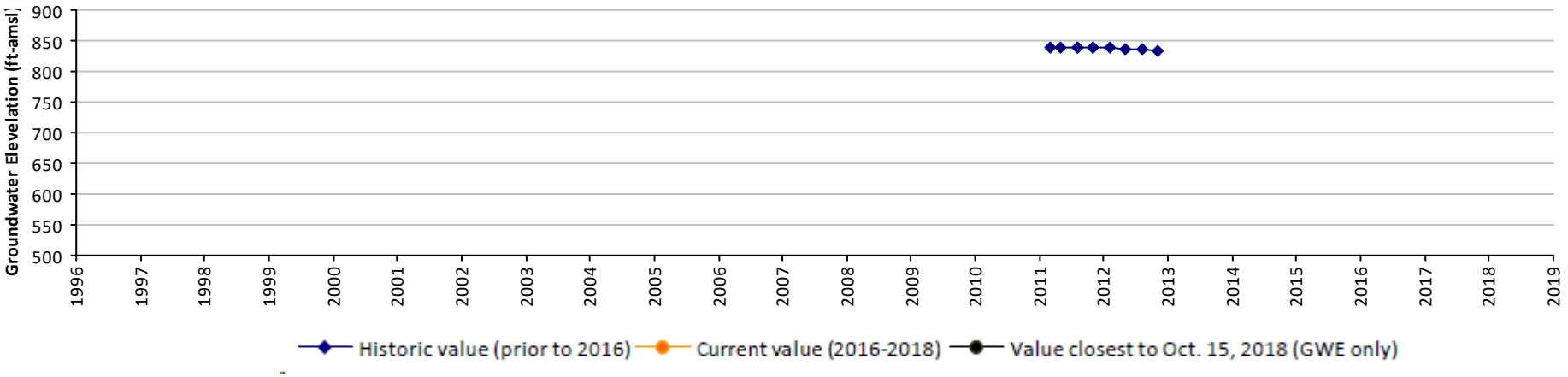

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

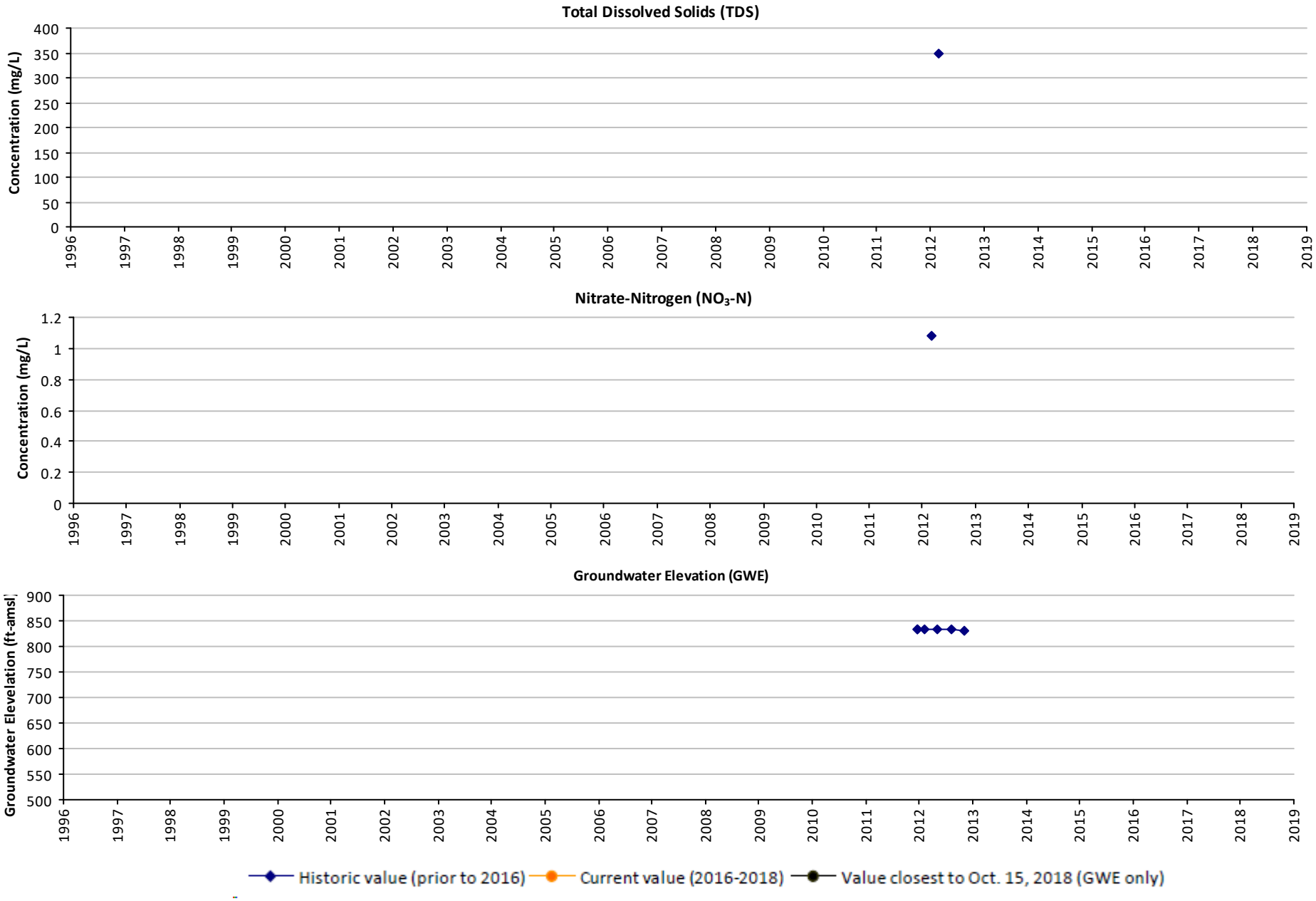
Total Dissolved Solids (TDS)

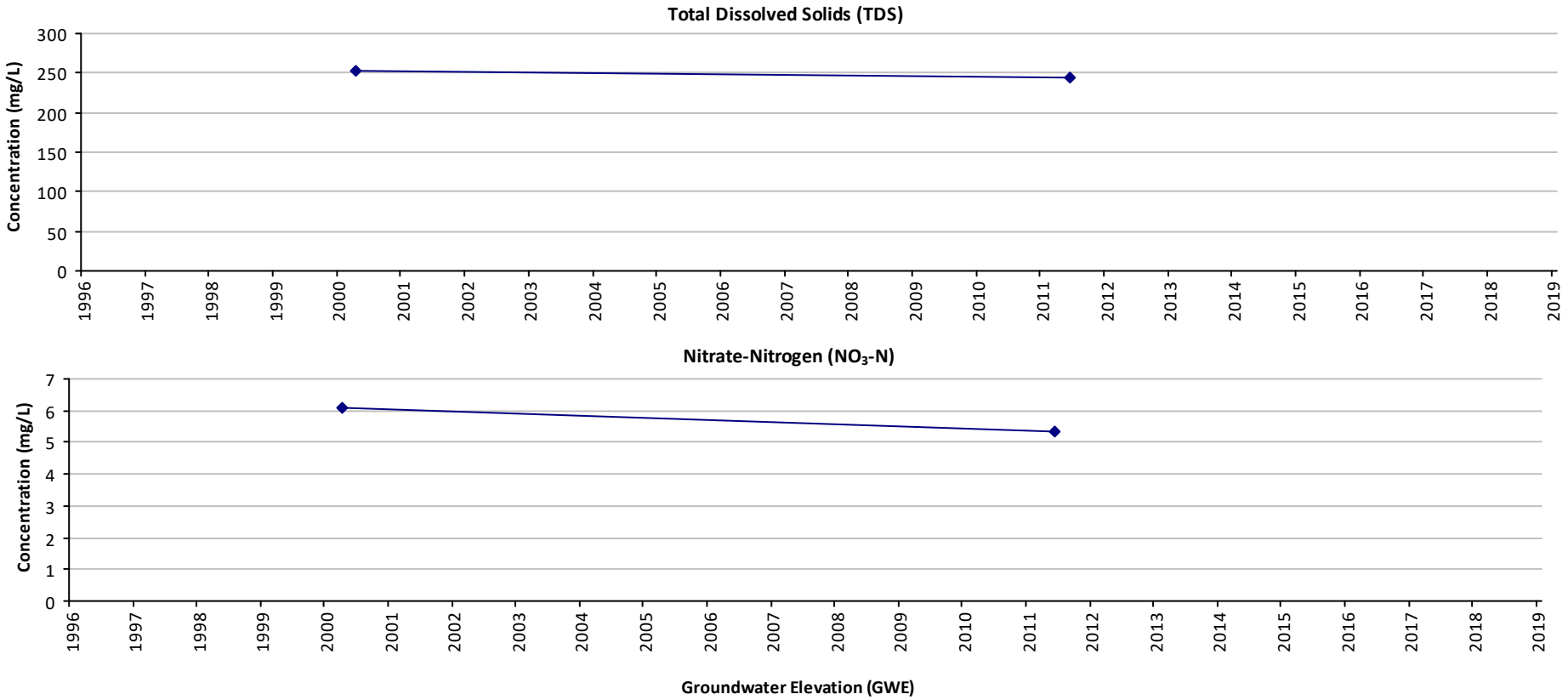
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

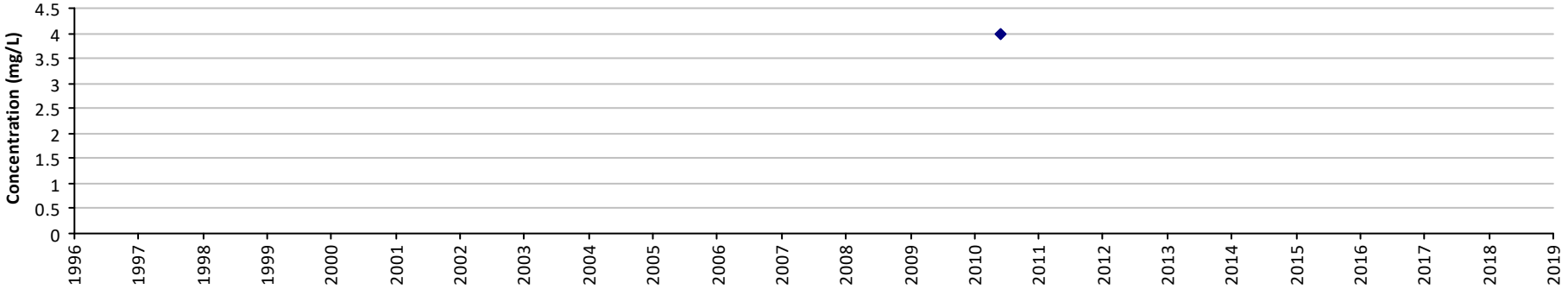



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

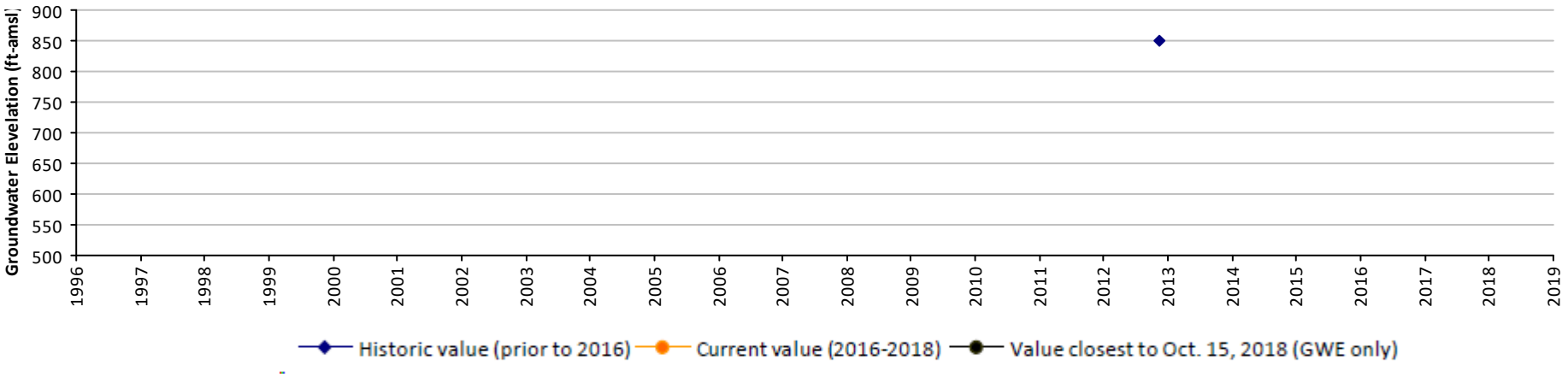

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

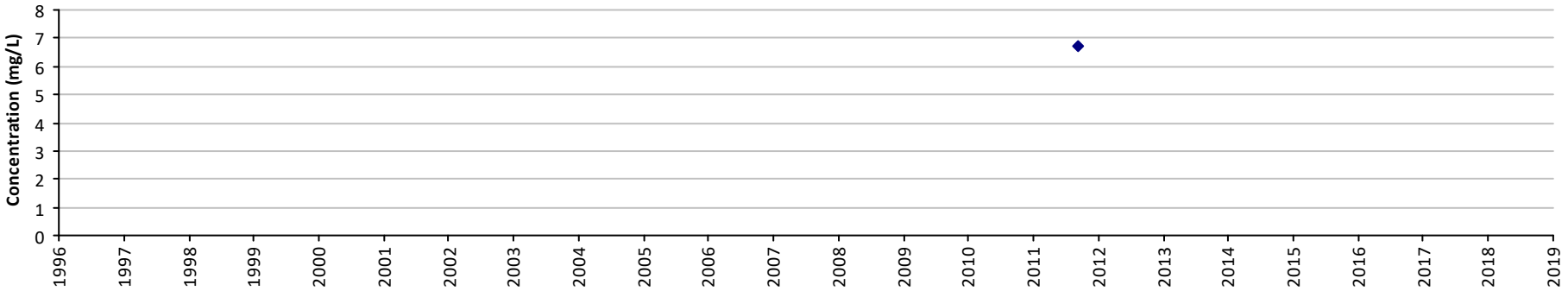


Groundwater Elevation (GWE)

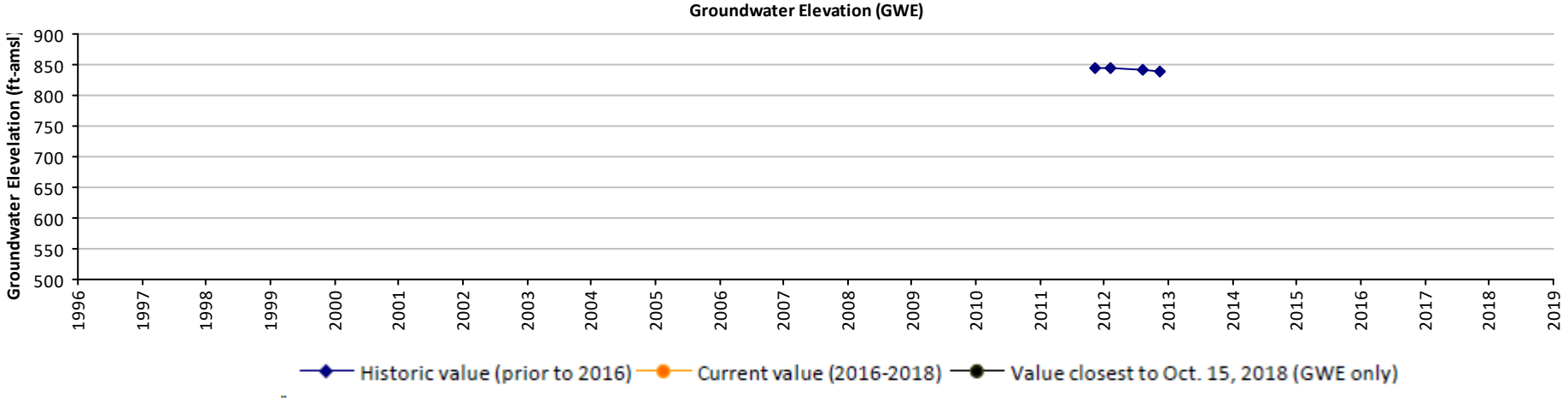


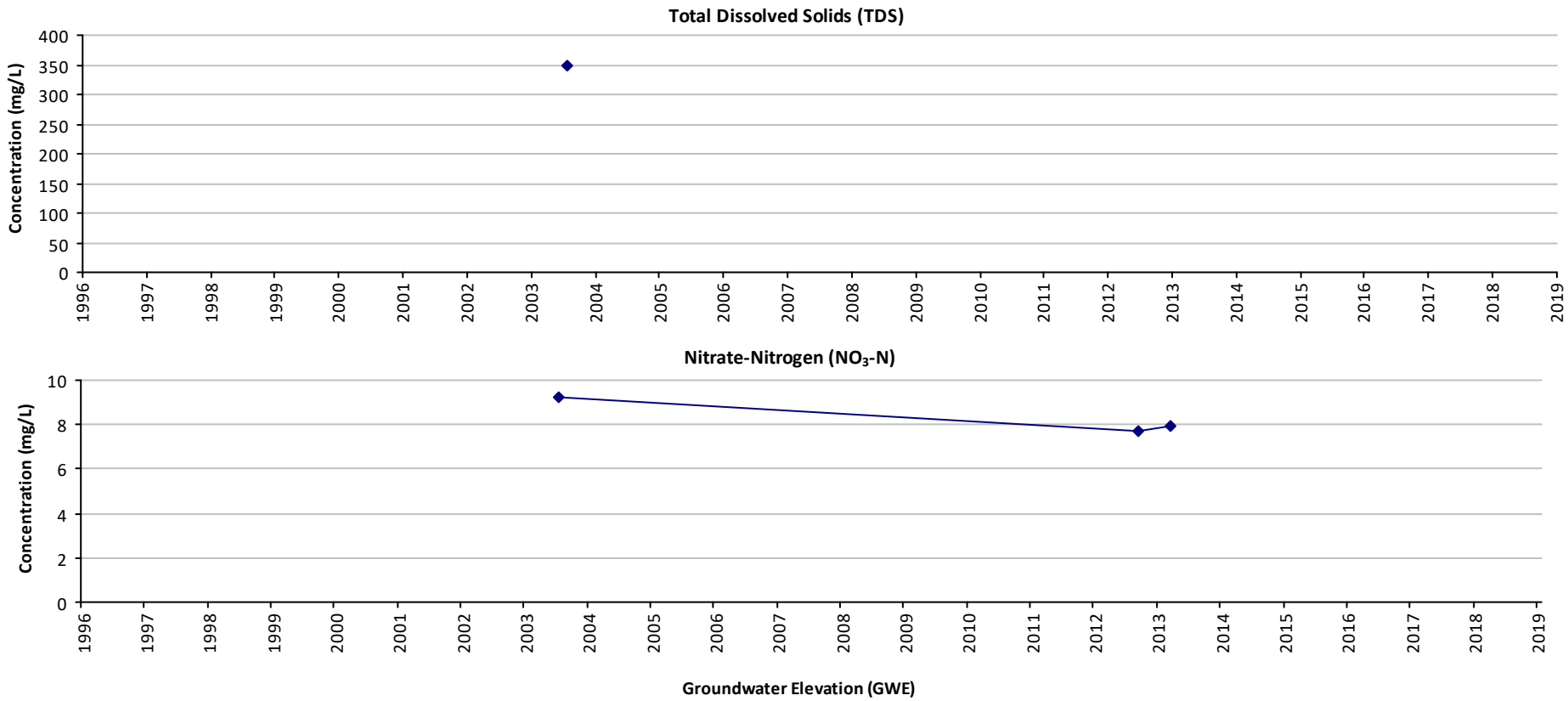
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

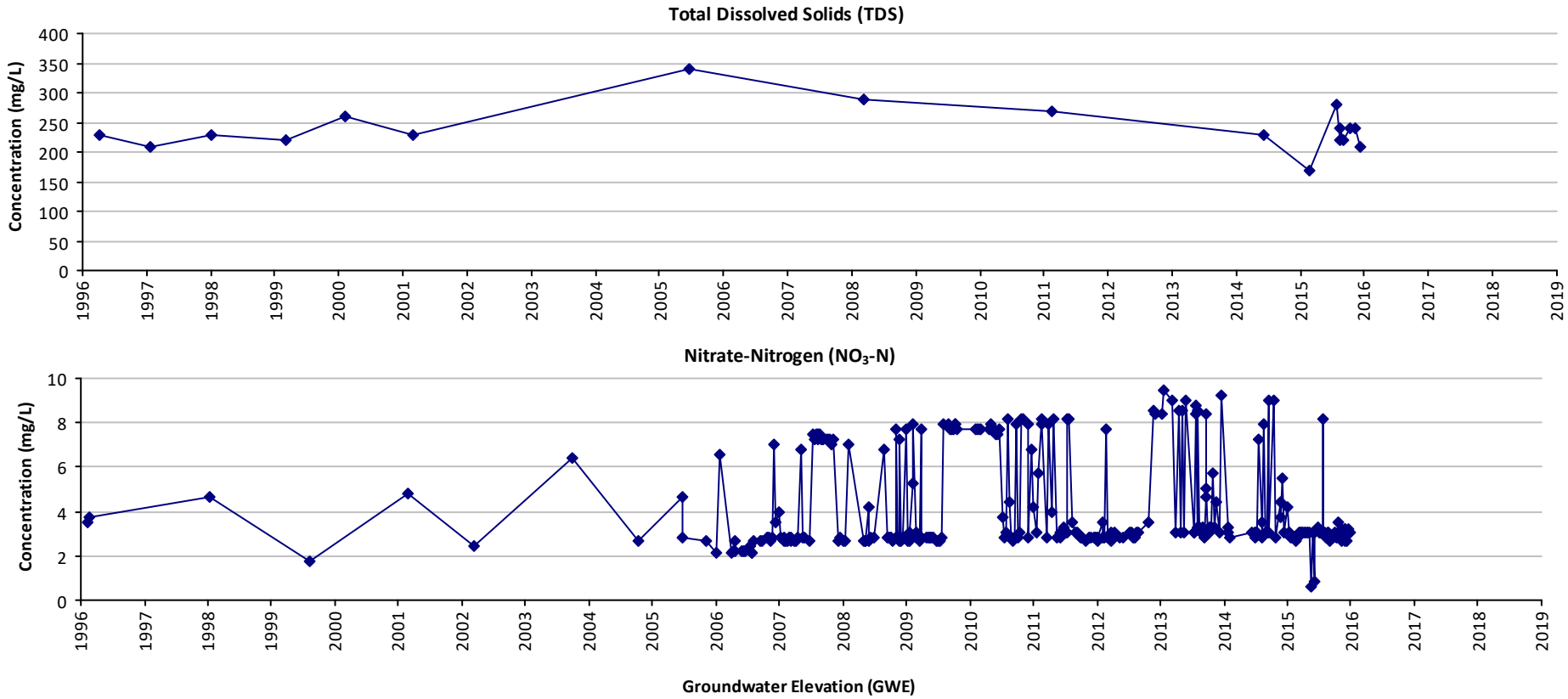


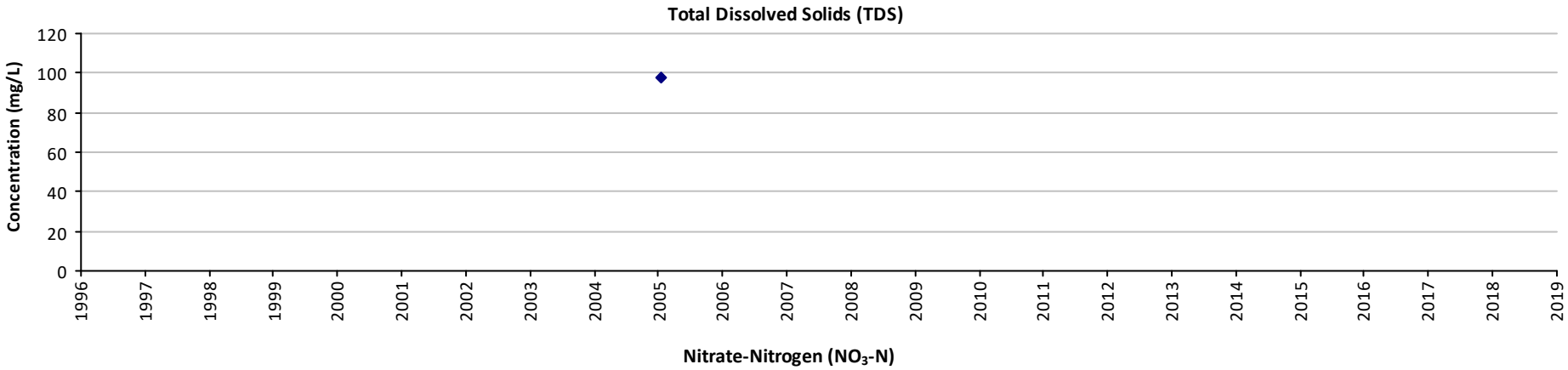
Groundwater Elevation (GWE)

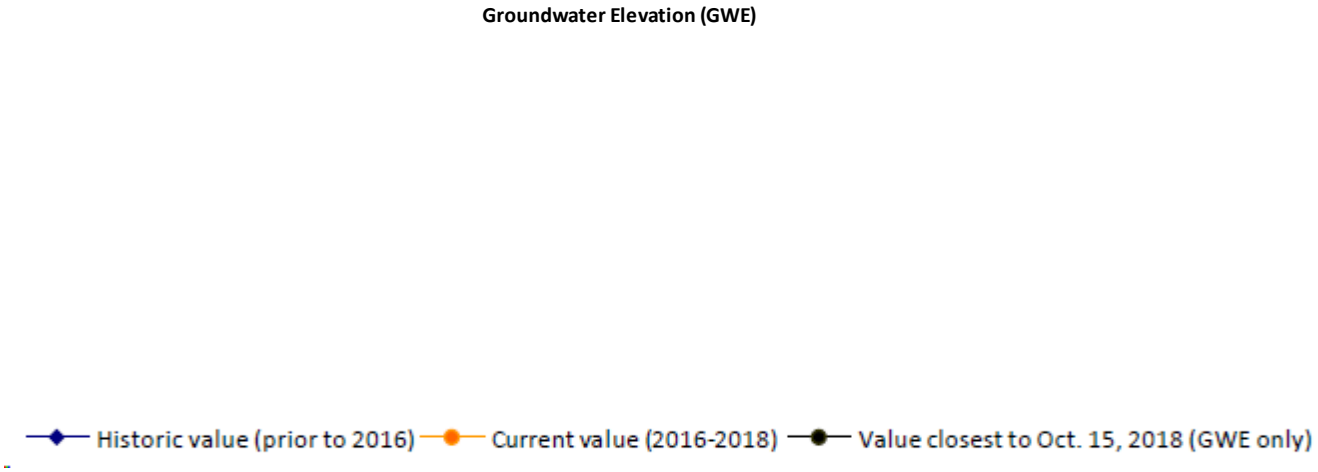



Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

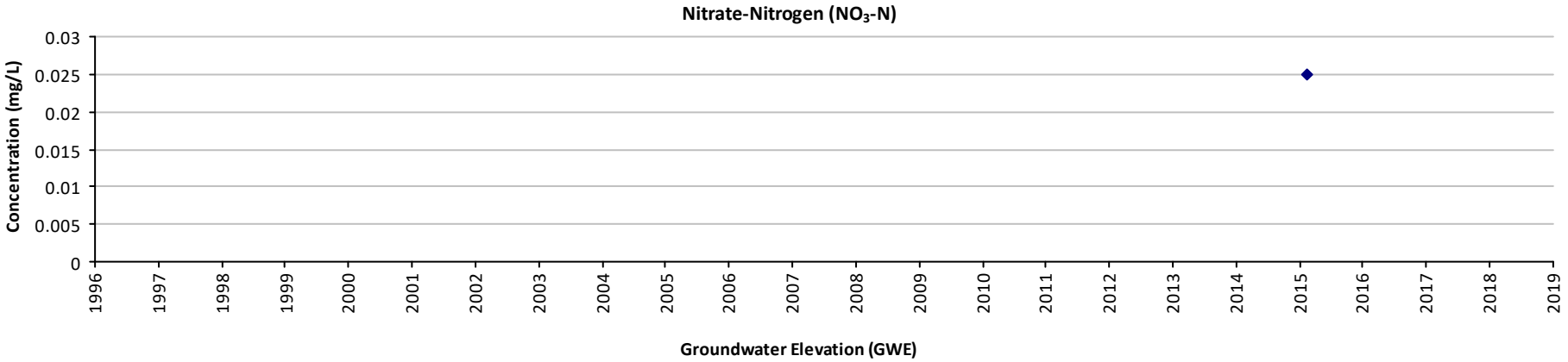
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

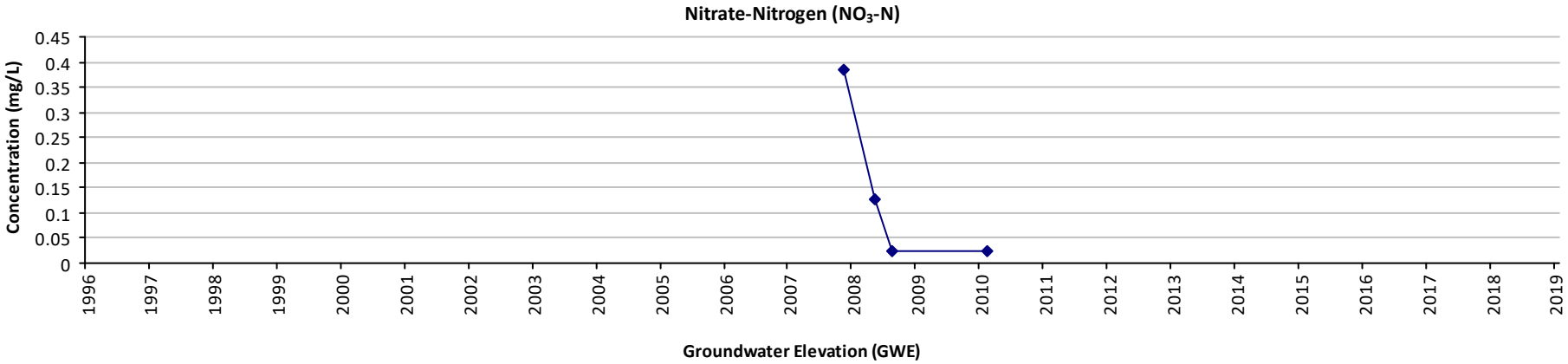

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



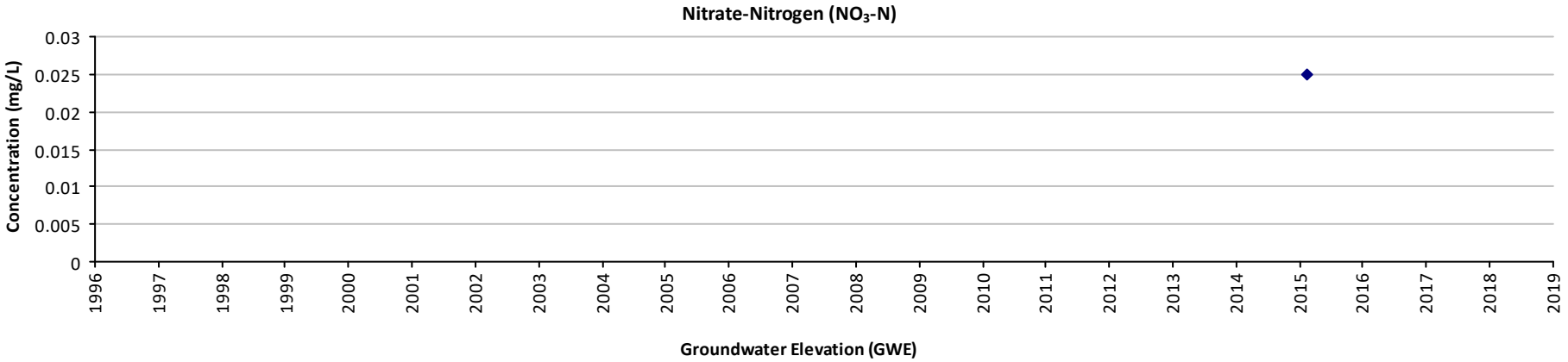
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

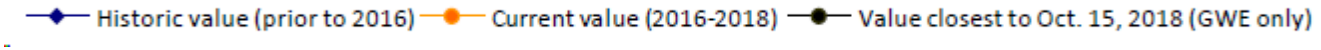
Total Dissolved Solids (TDS)

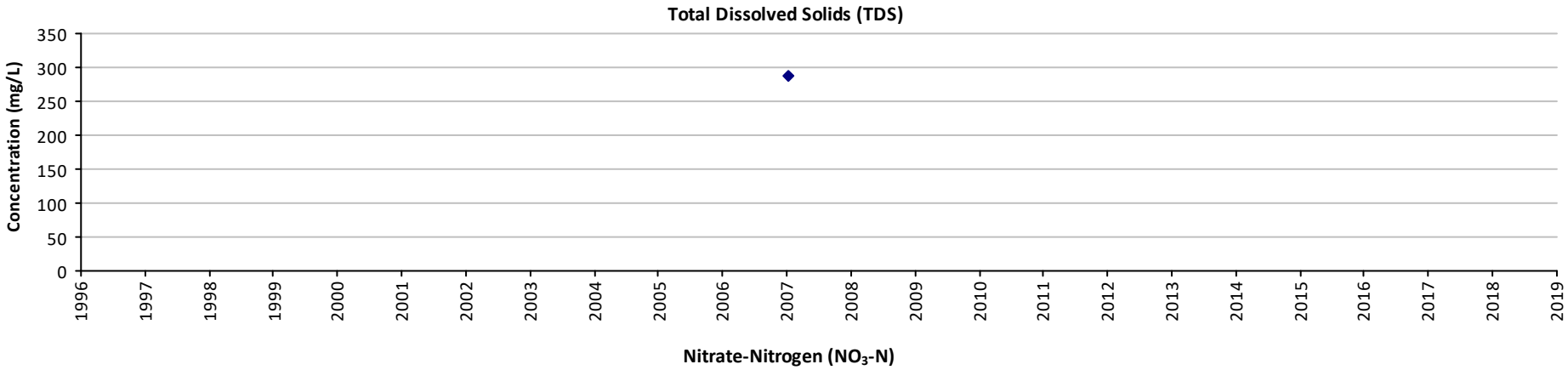


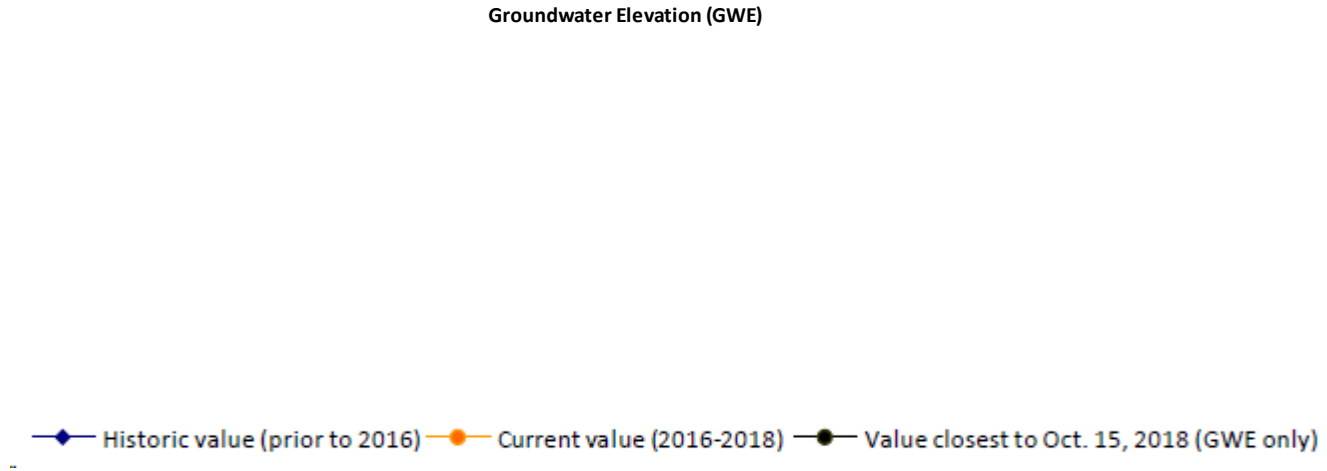
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

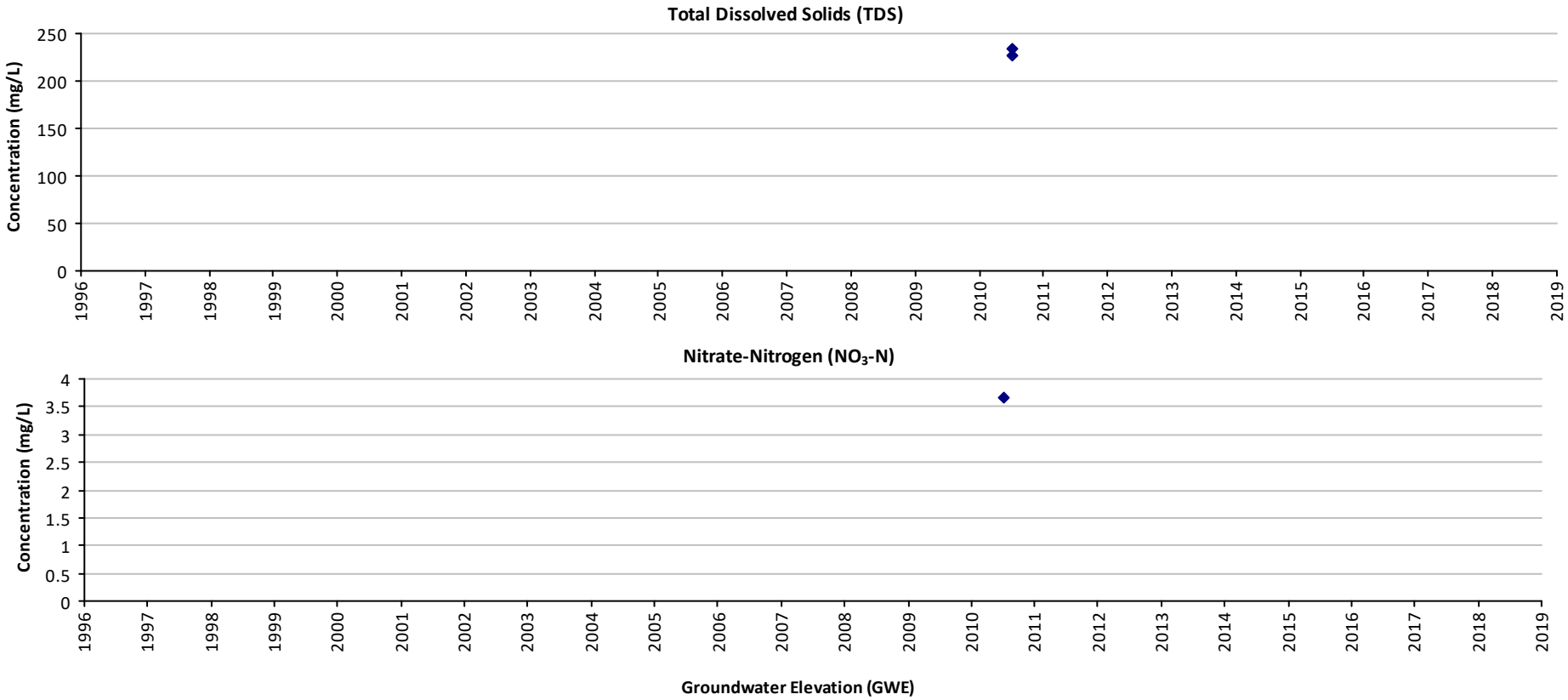
Total Dissolved Solids (TDS)

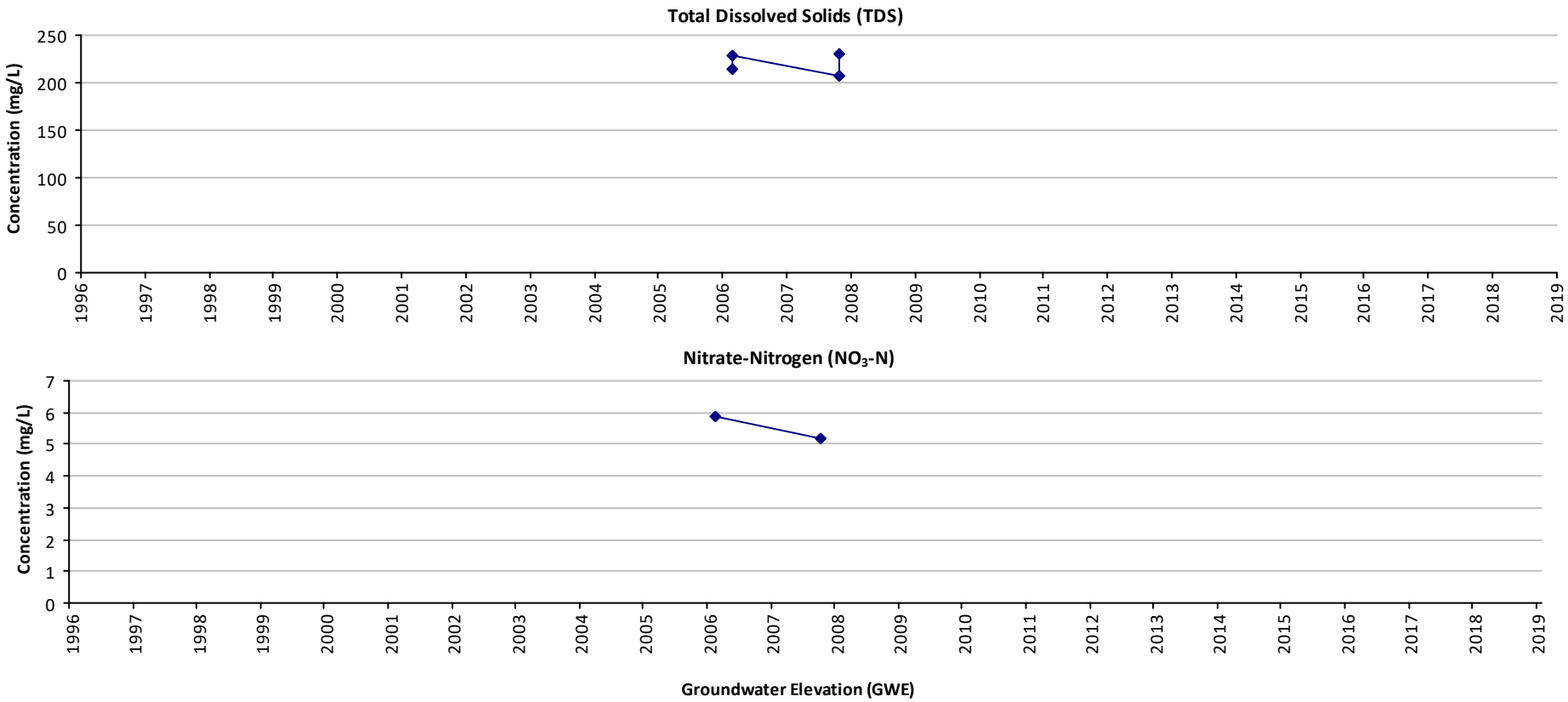


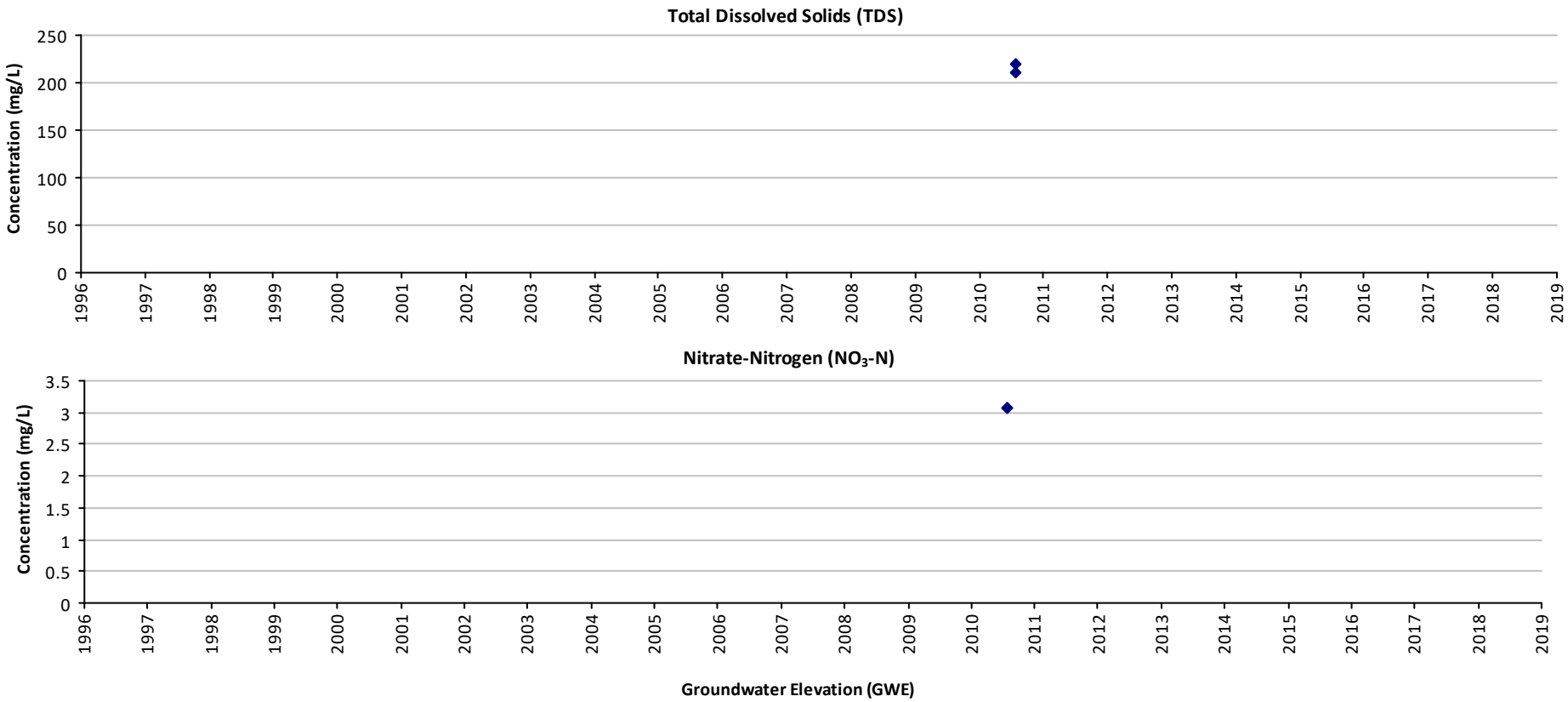


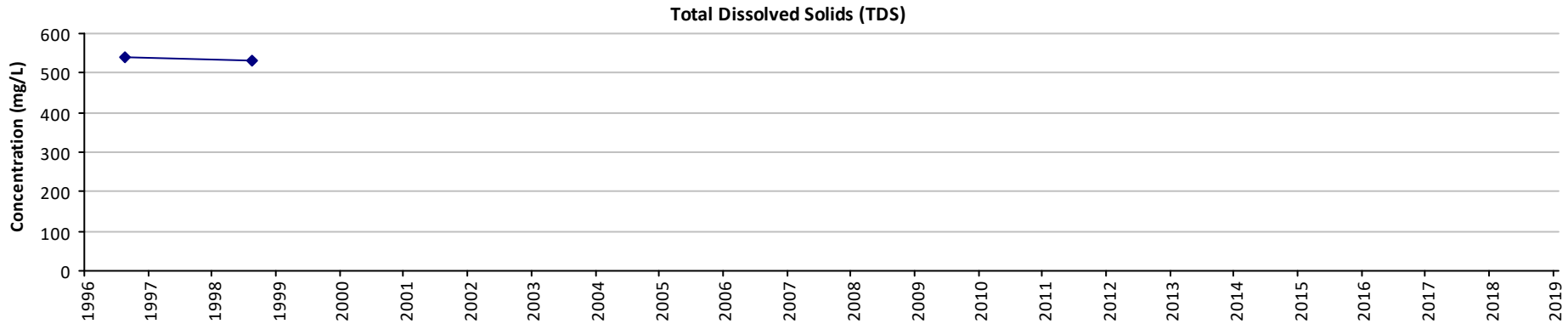

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

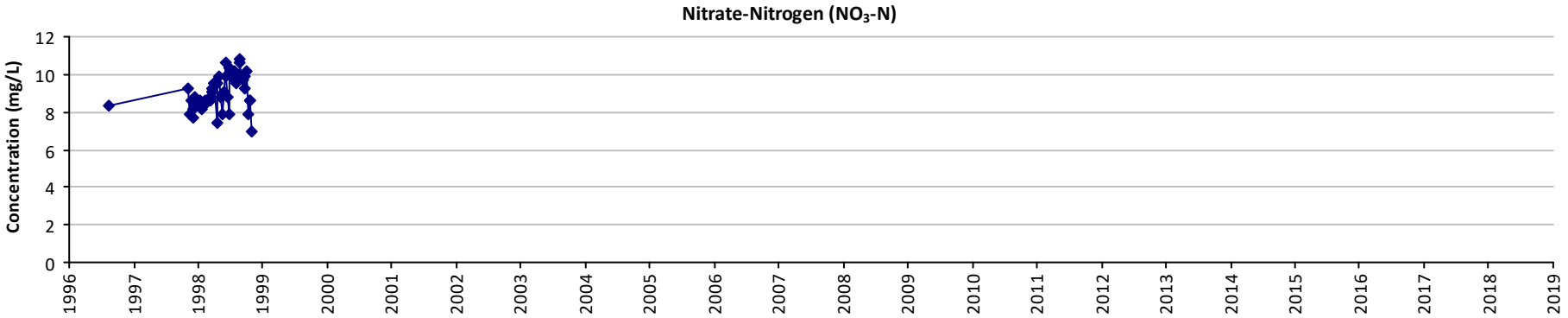

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

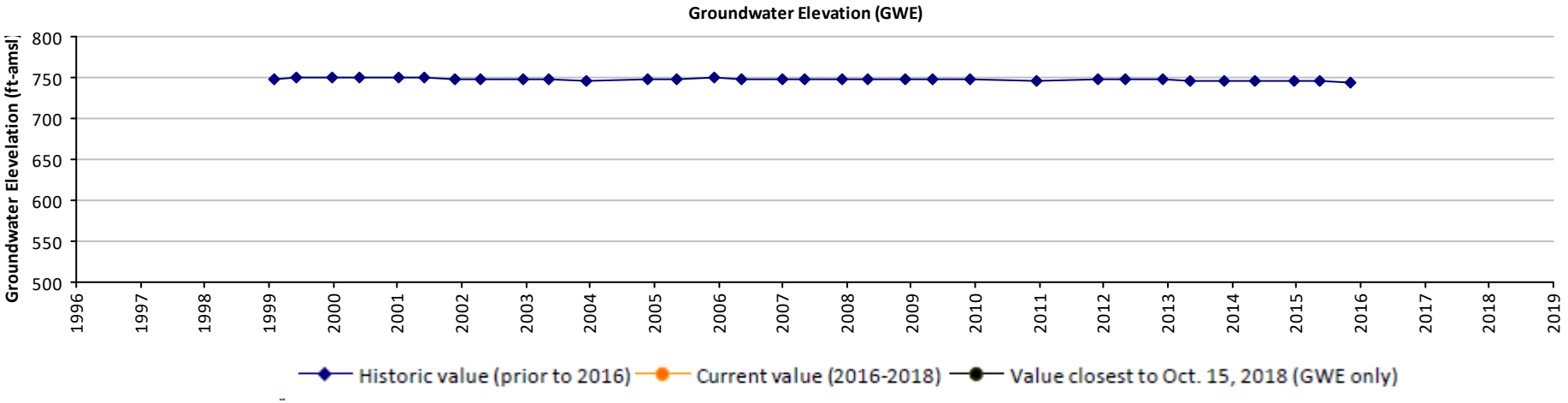

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

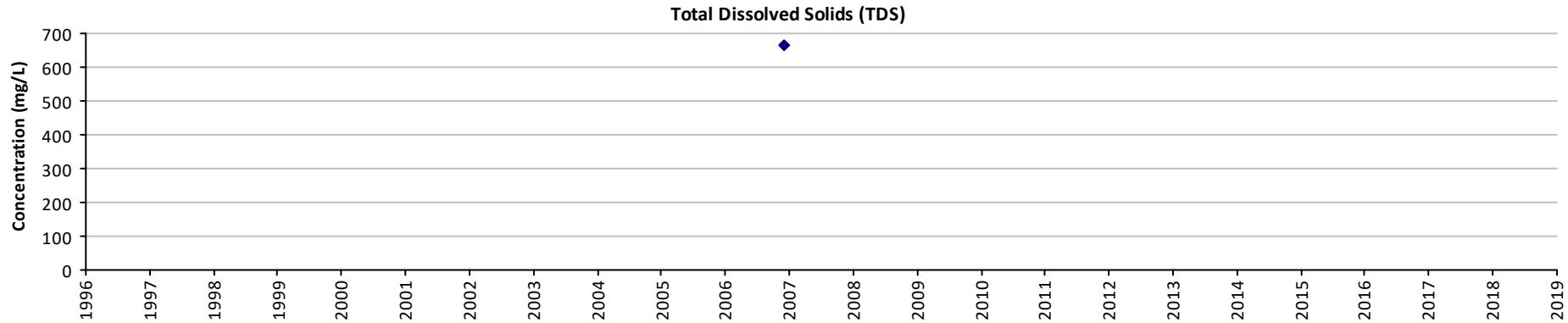

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

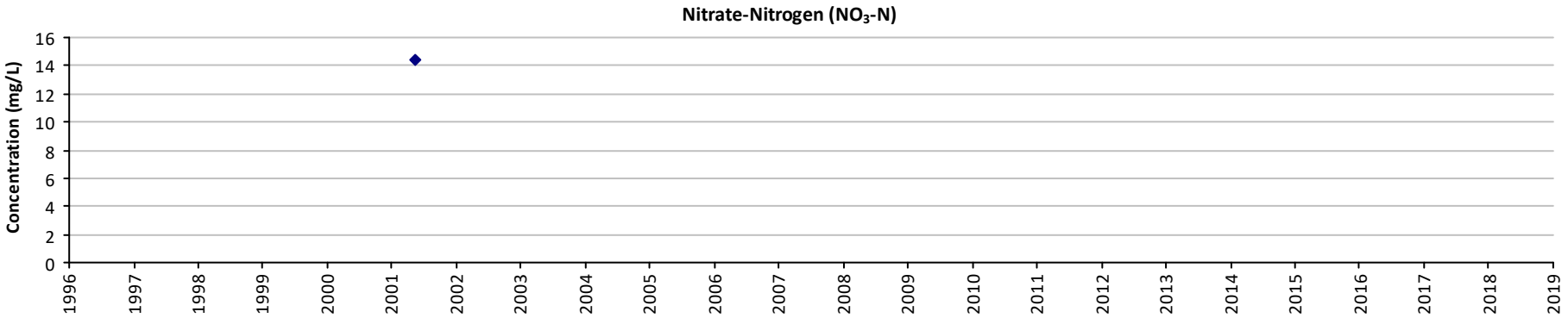

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
1996
1997
1998
1999
2000
2001
2002
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2004
2005
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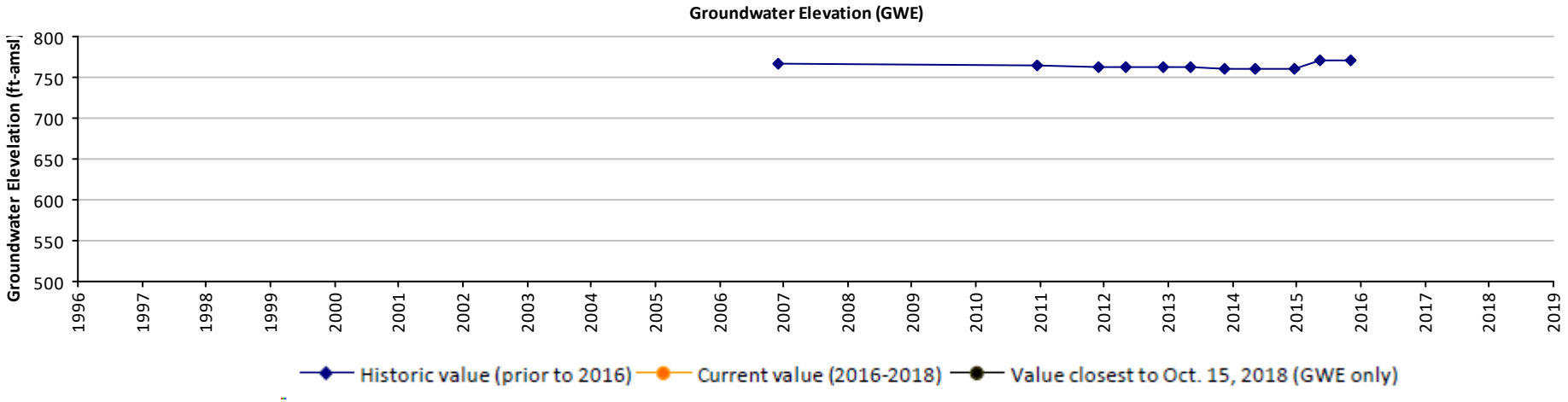
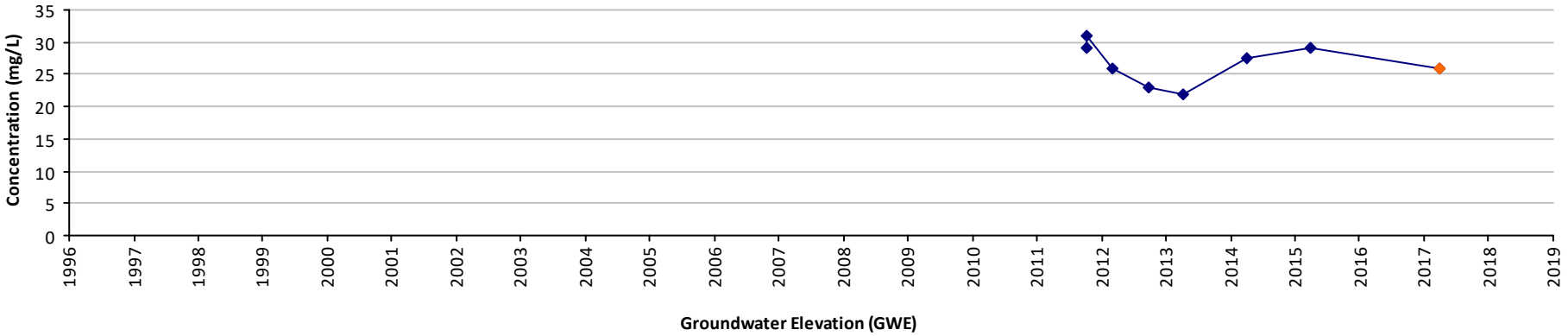
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

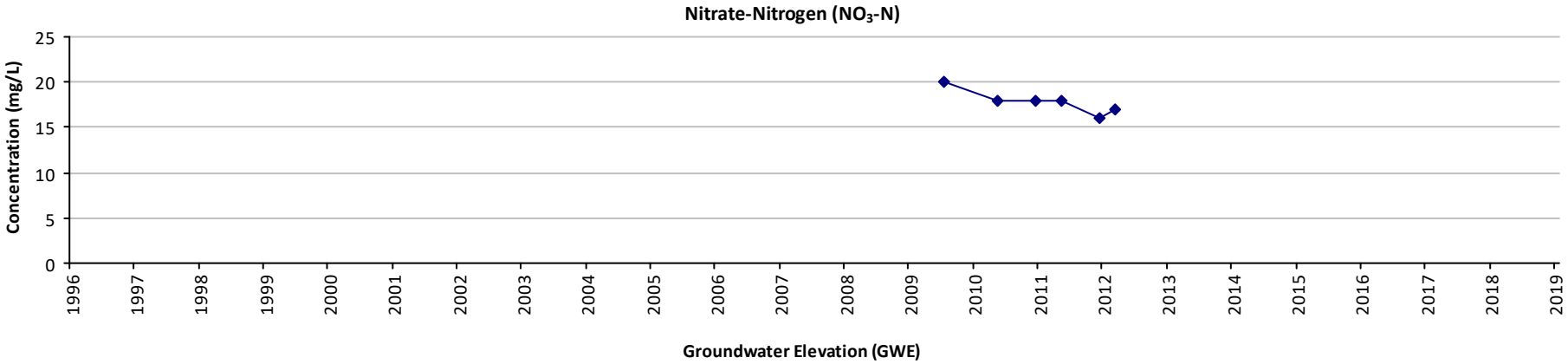
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



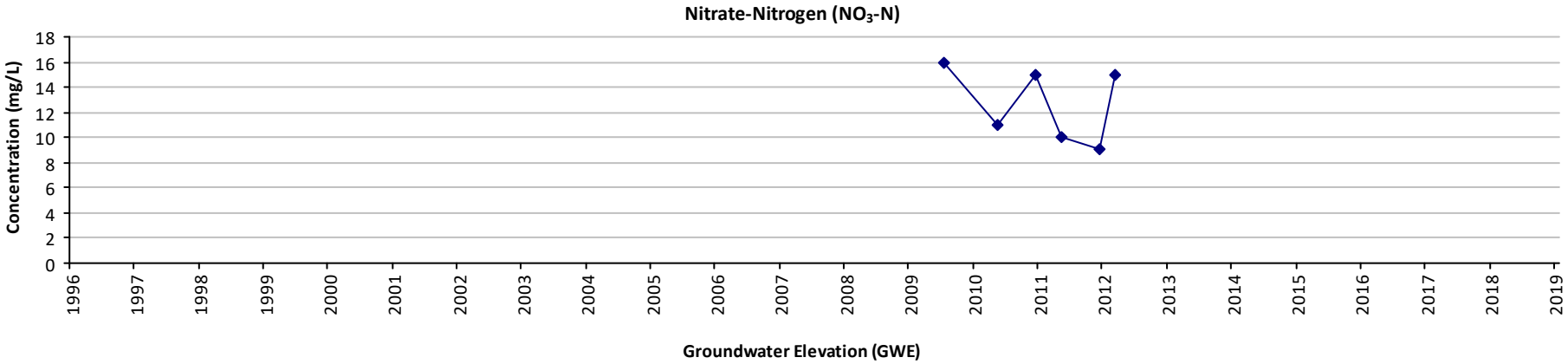
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

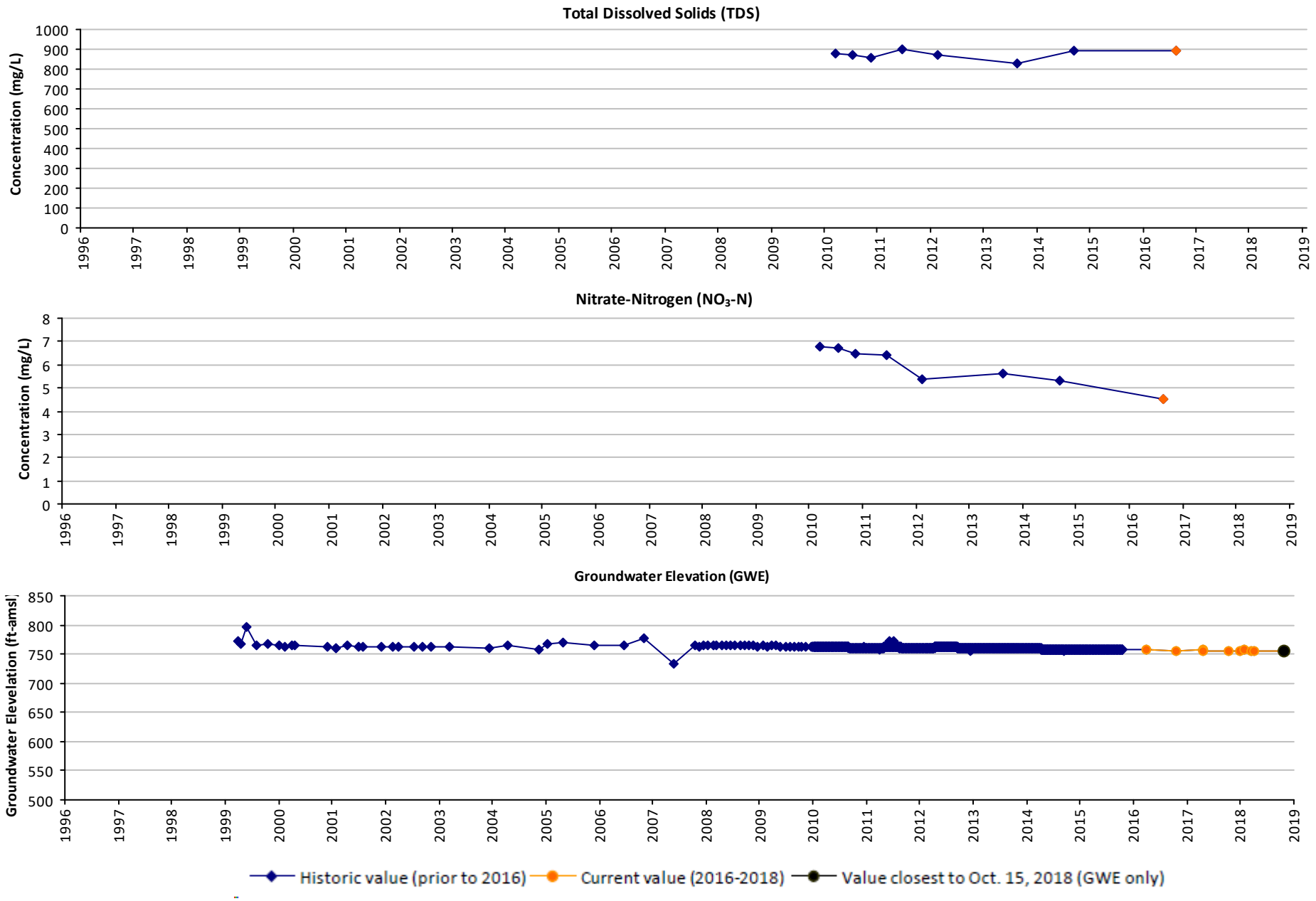


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

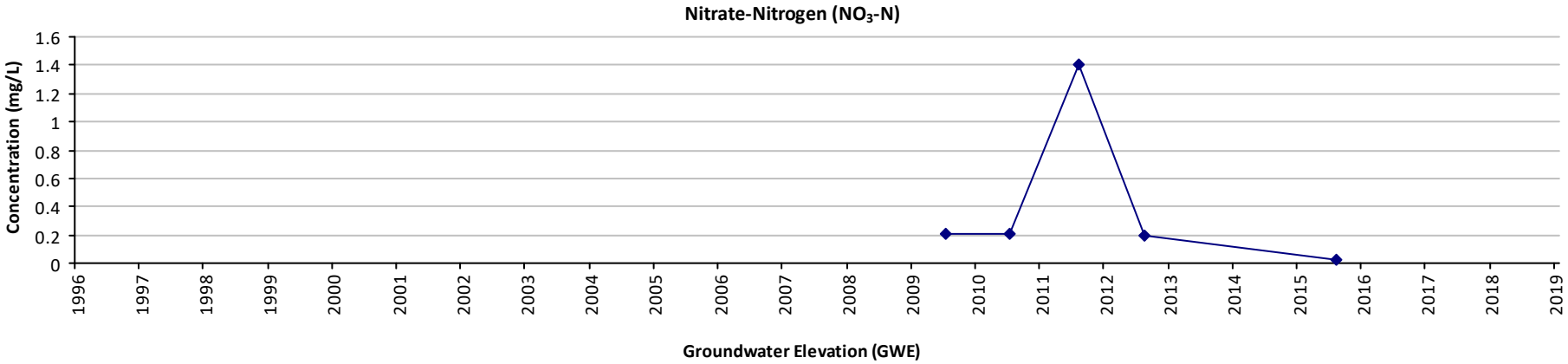
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

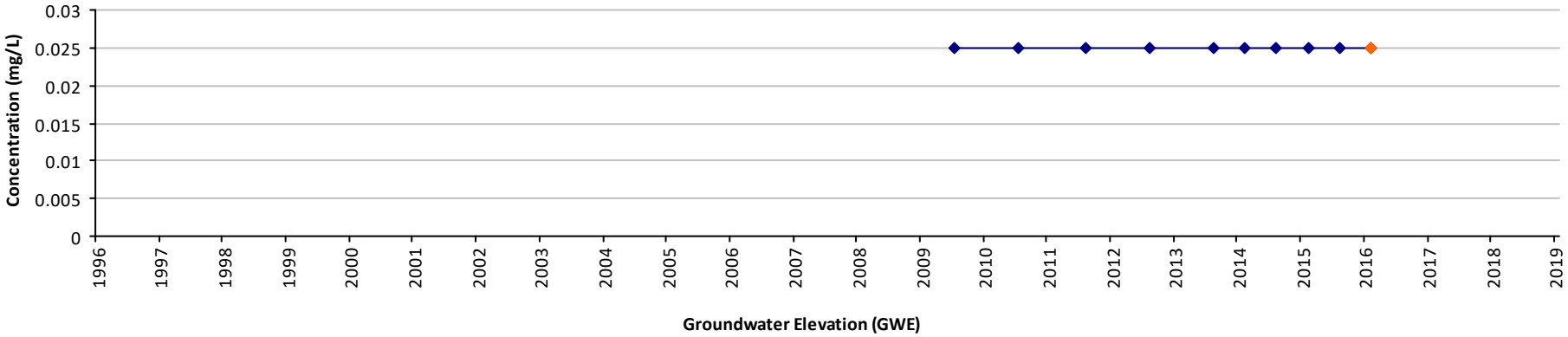
Total Dissolved Solids (TDS)



Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

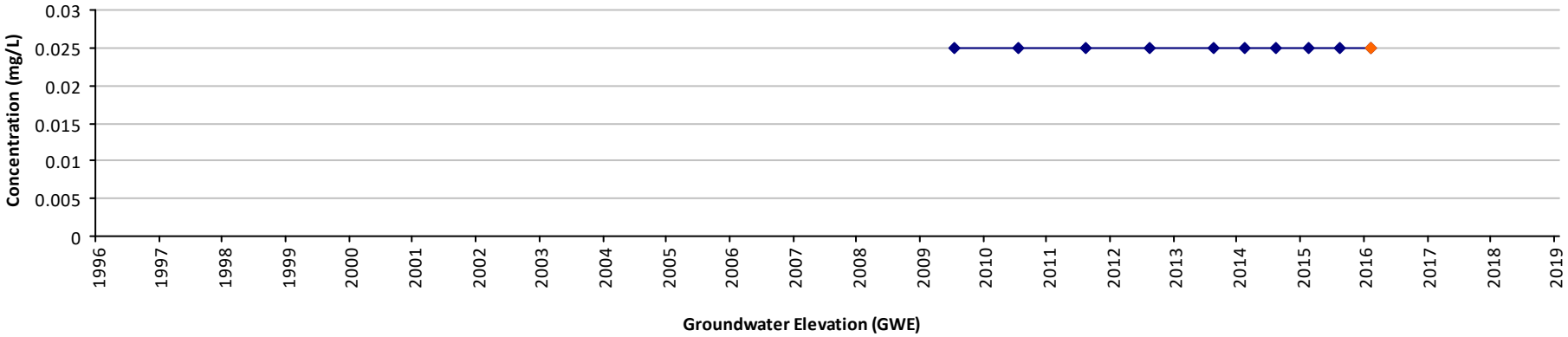
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

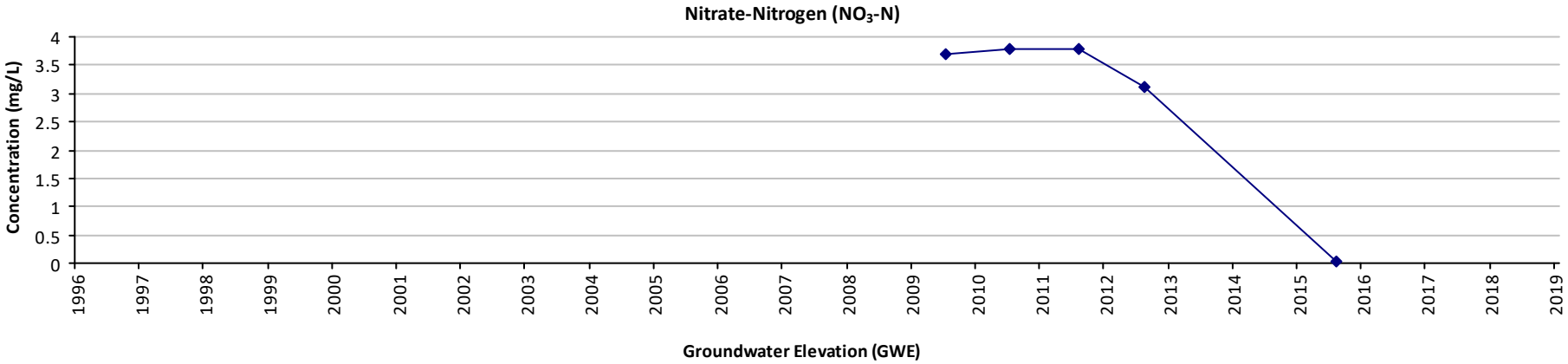
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

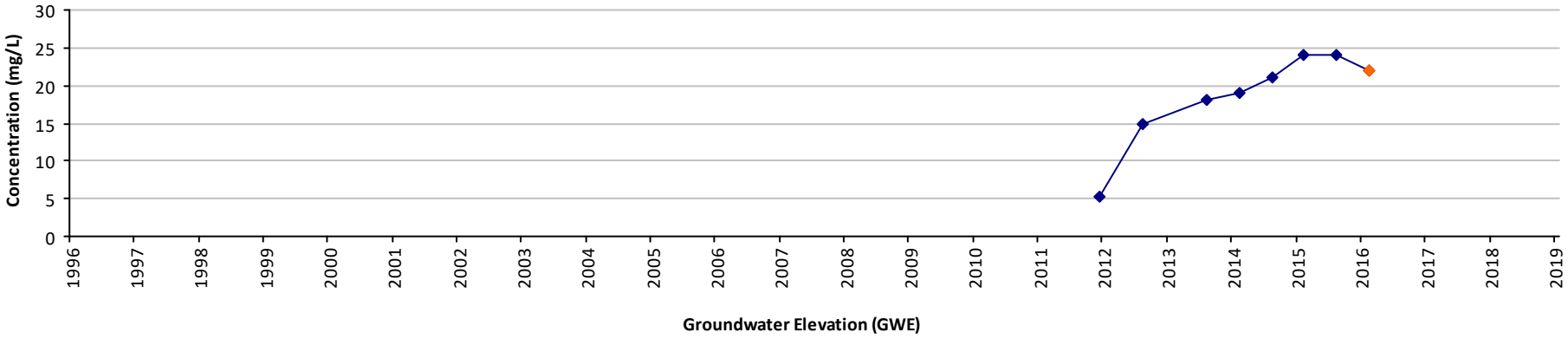
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

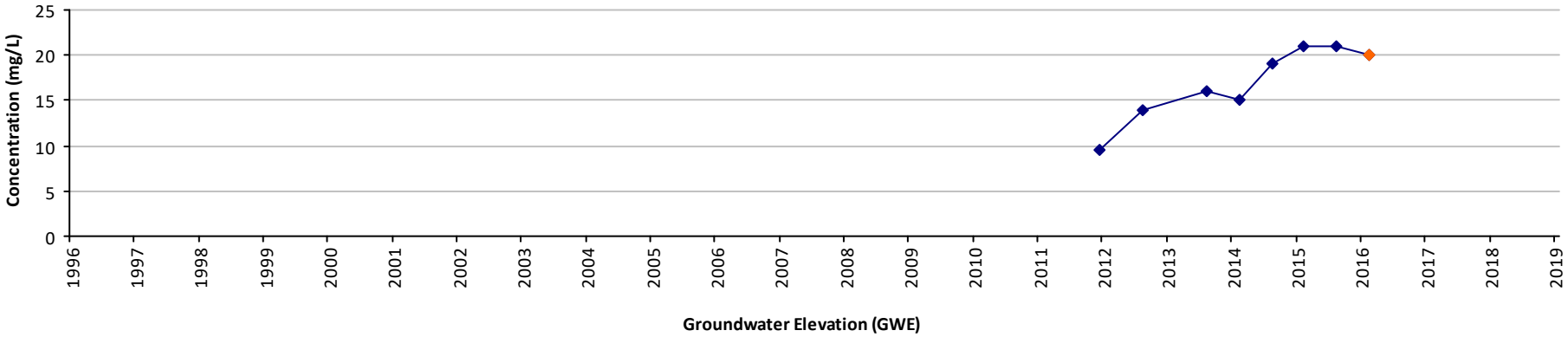
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

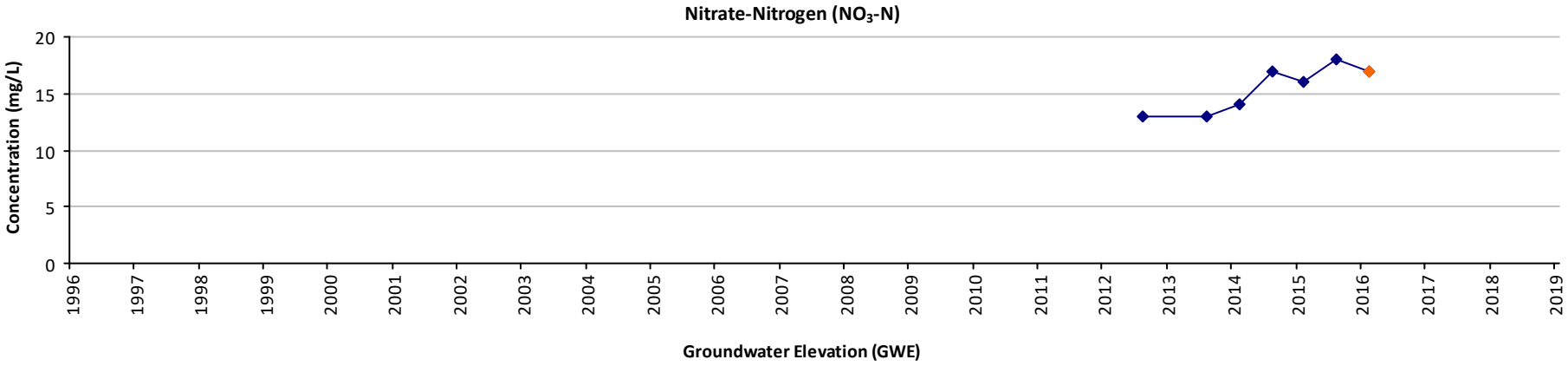
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

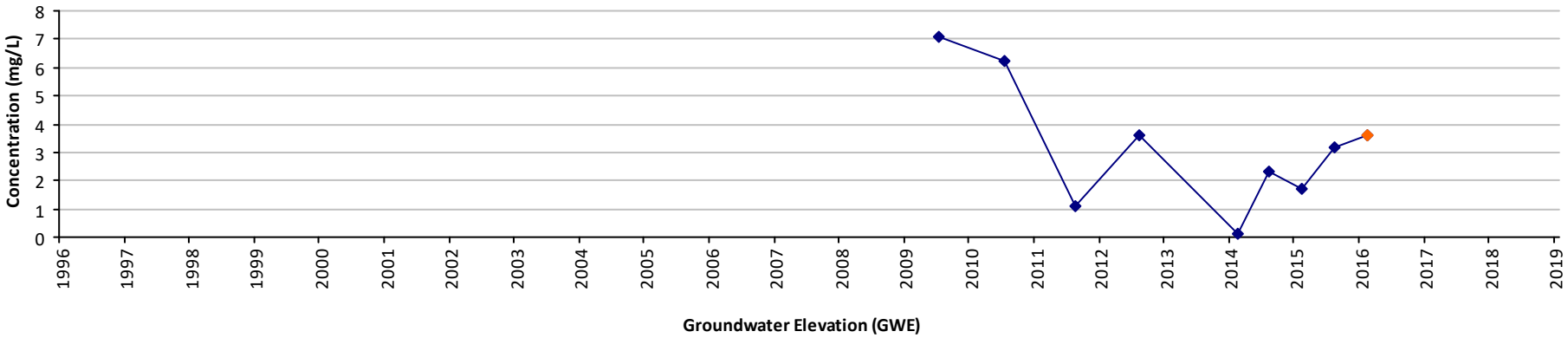
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

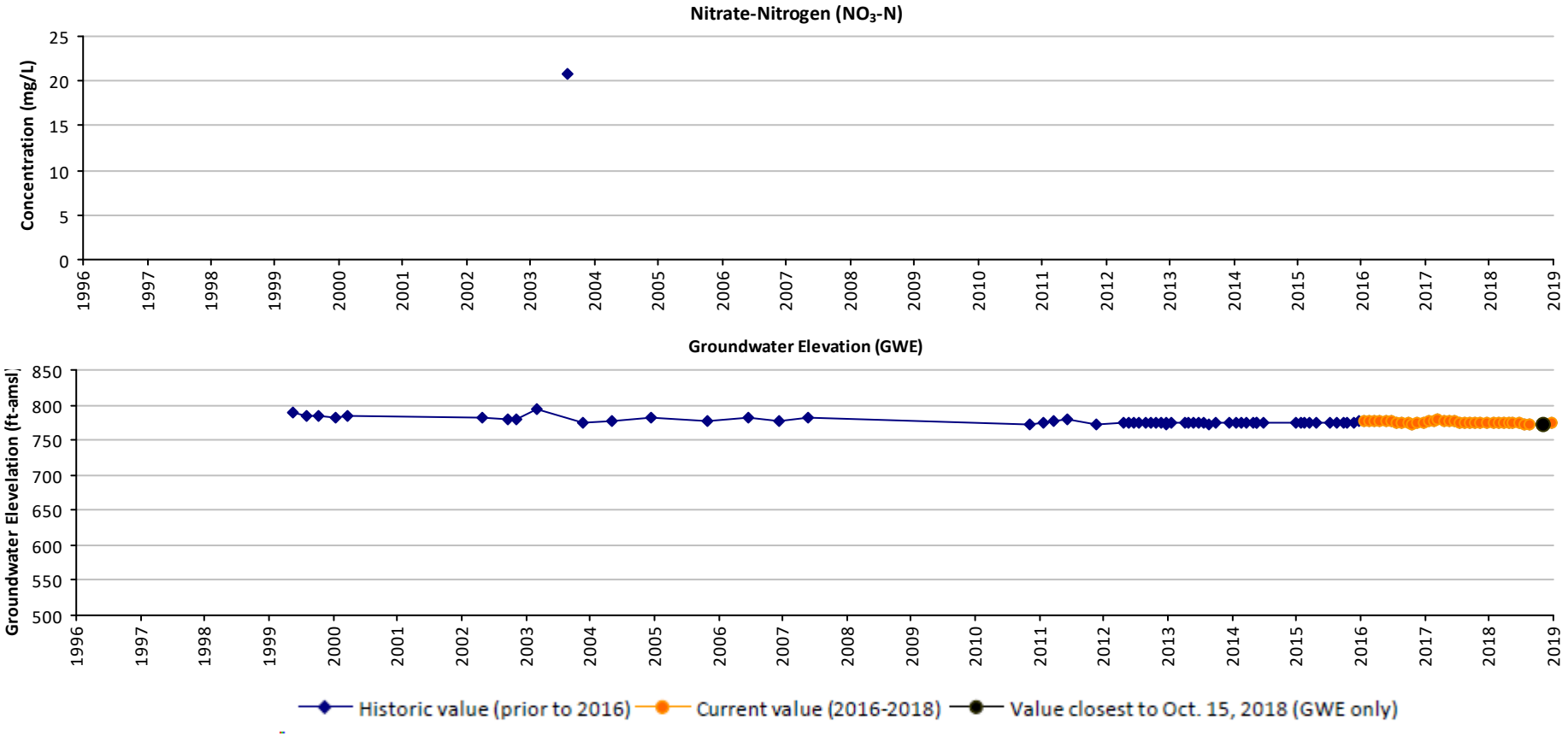
Total Dissolved Solids (TDS)

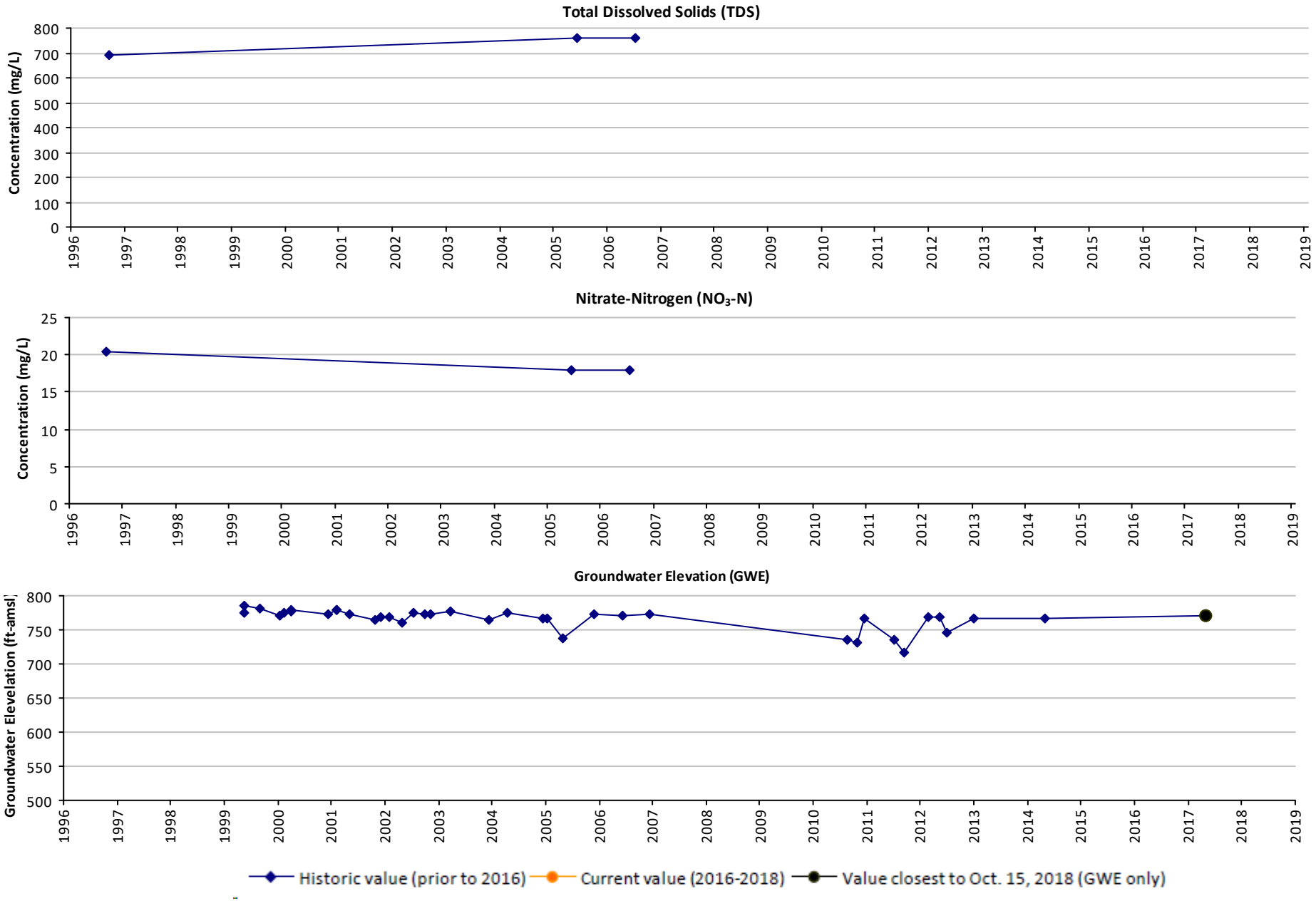
Nitrate-Nitrogen (NO_3-N)

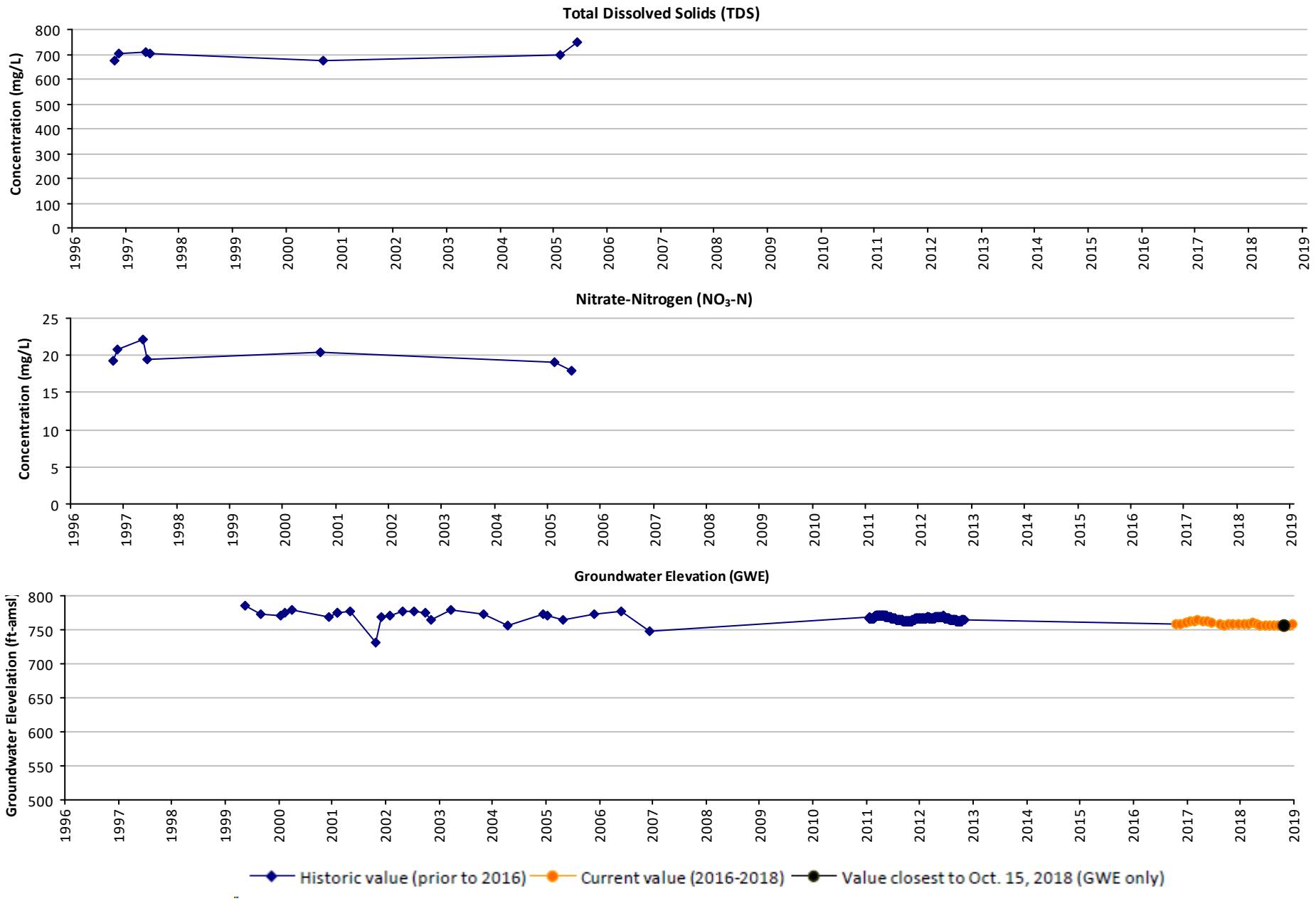


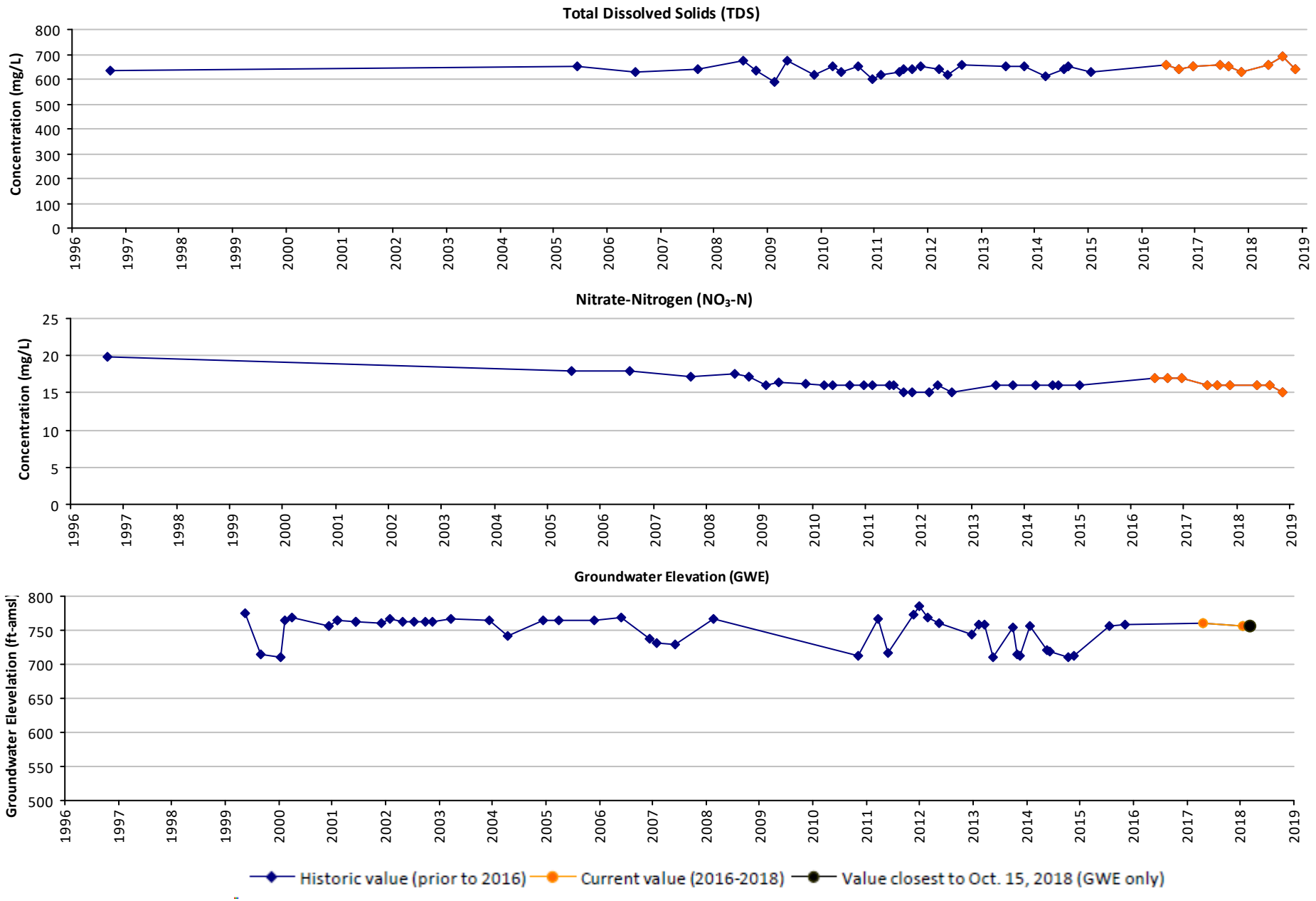
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

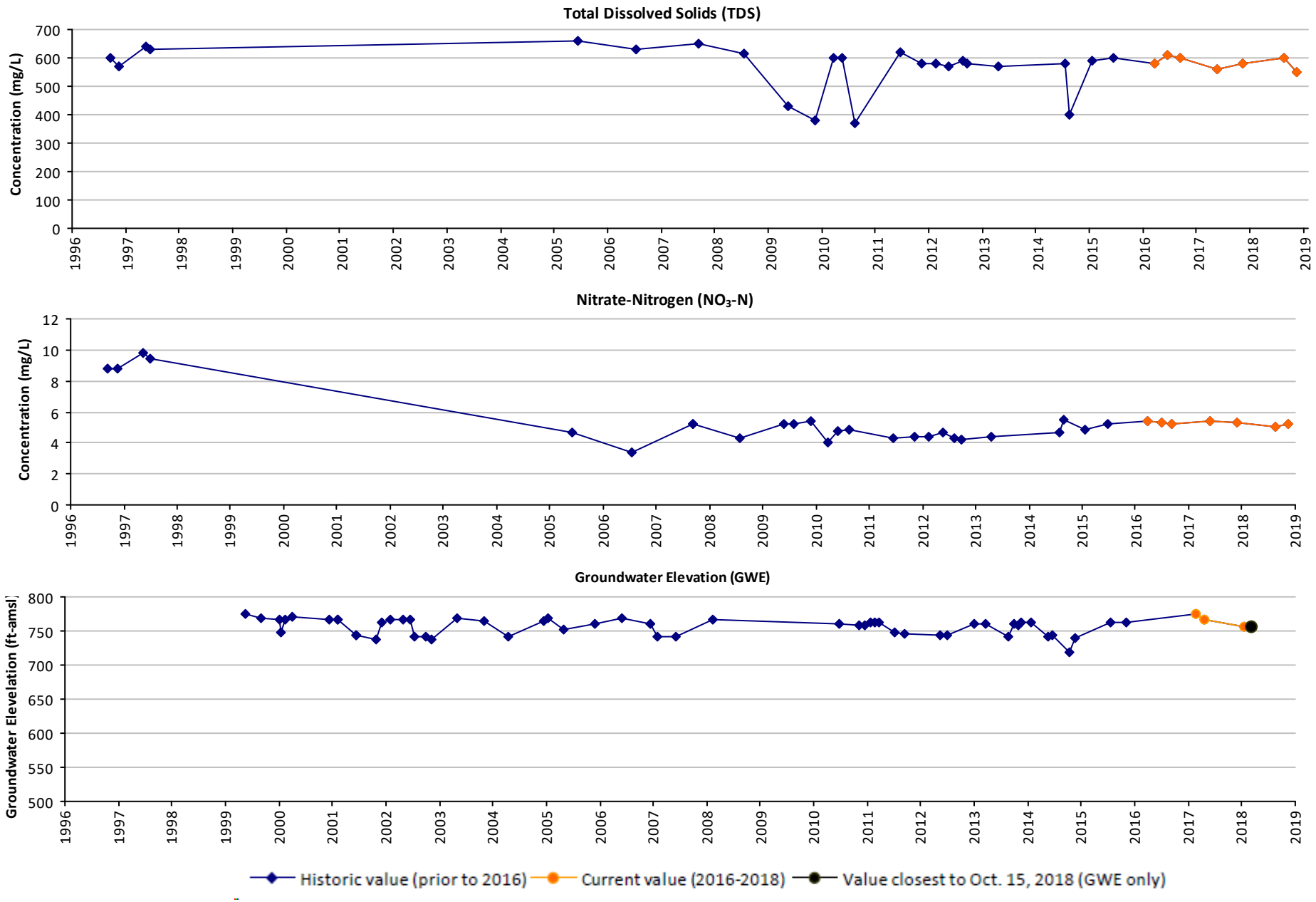
Total Dissolved Solids (TDS)

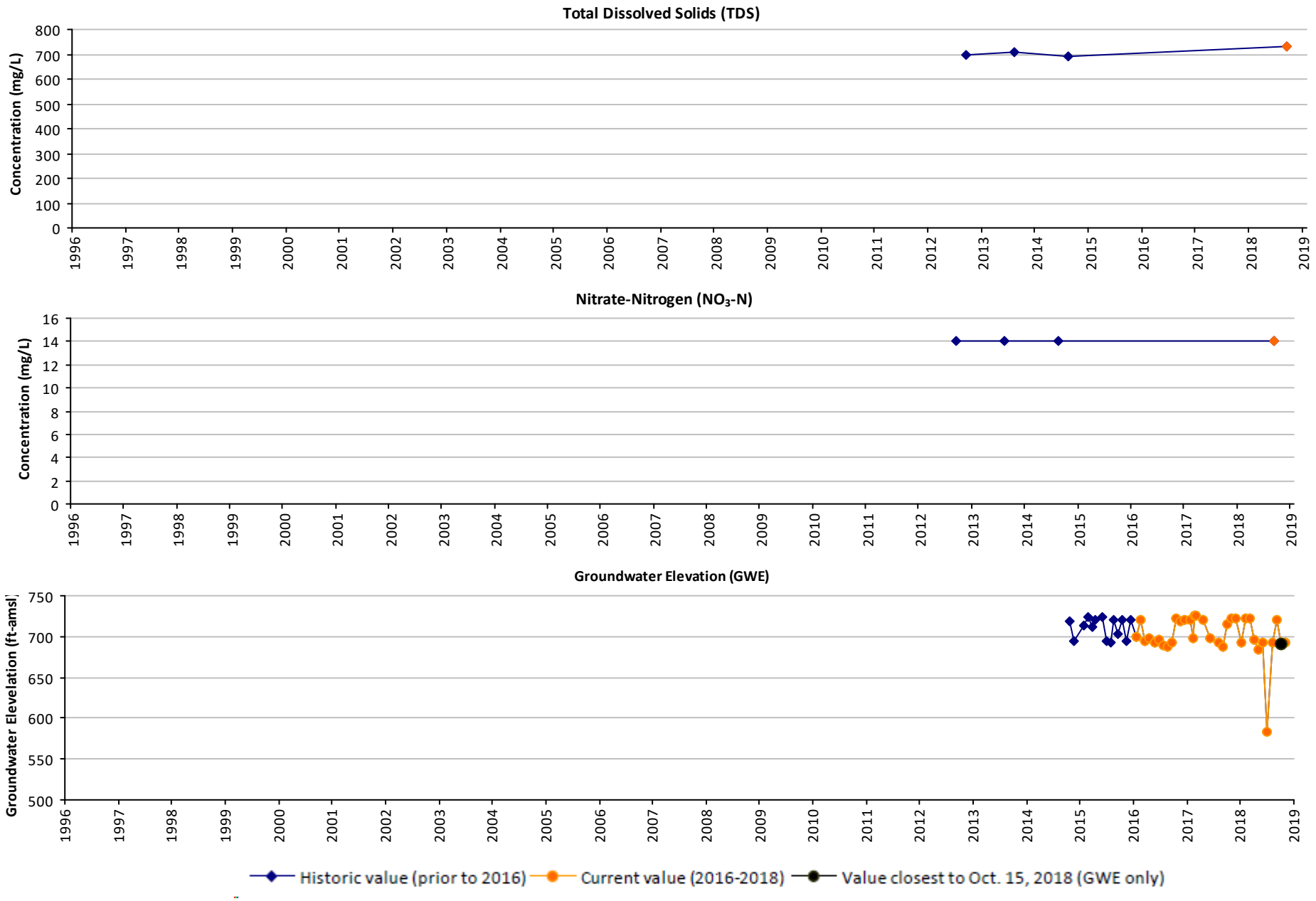


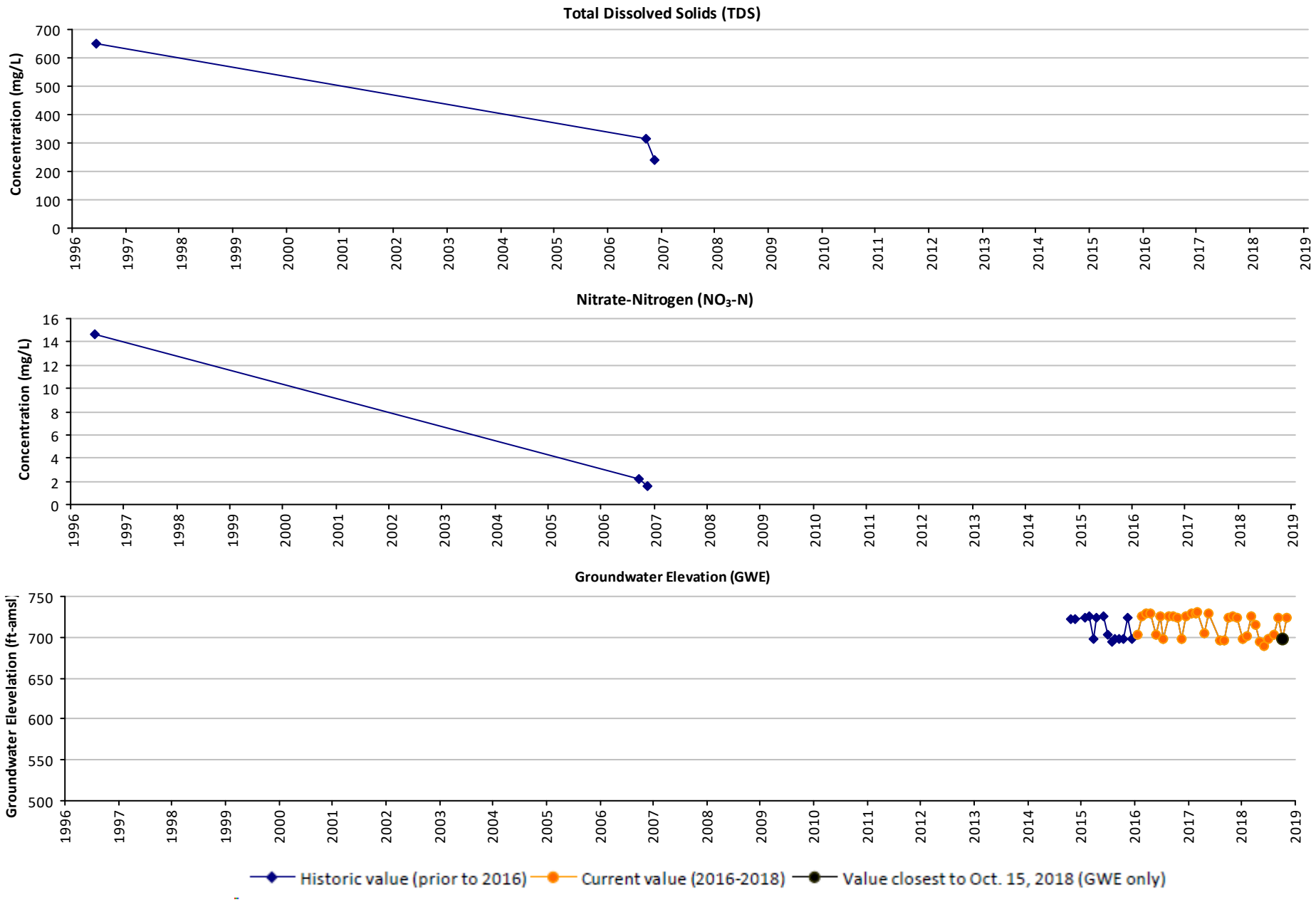

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

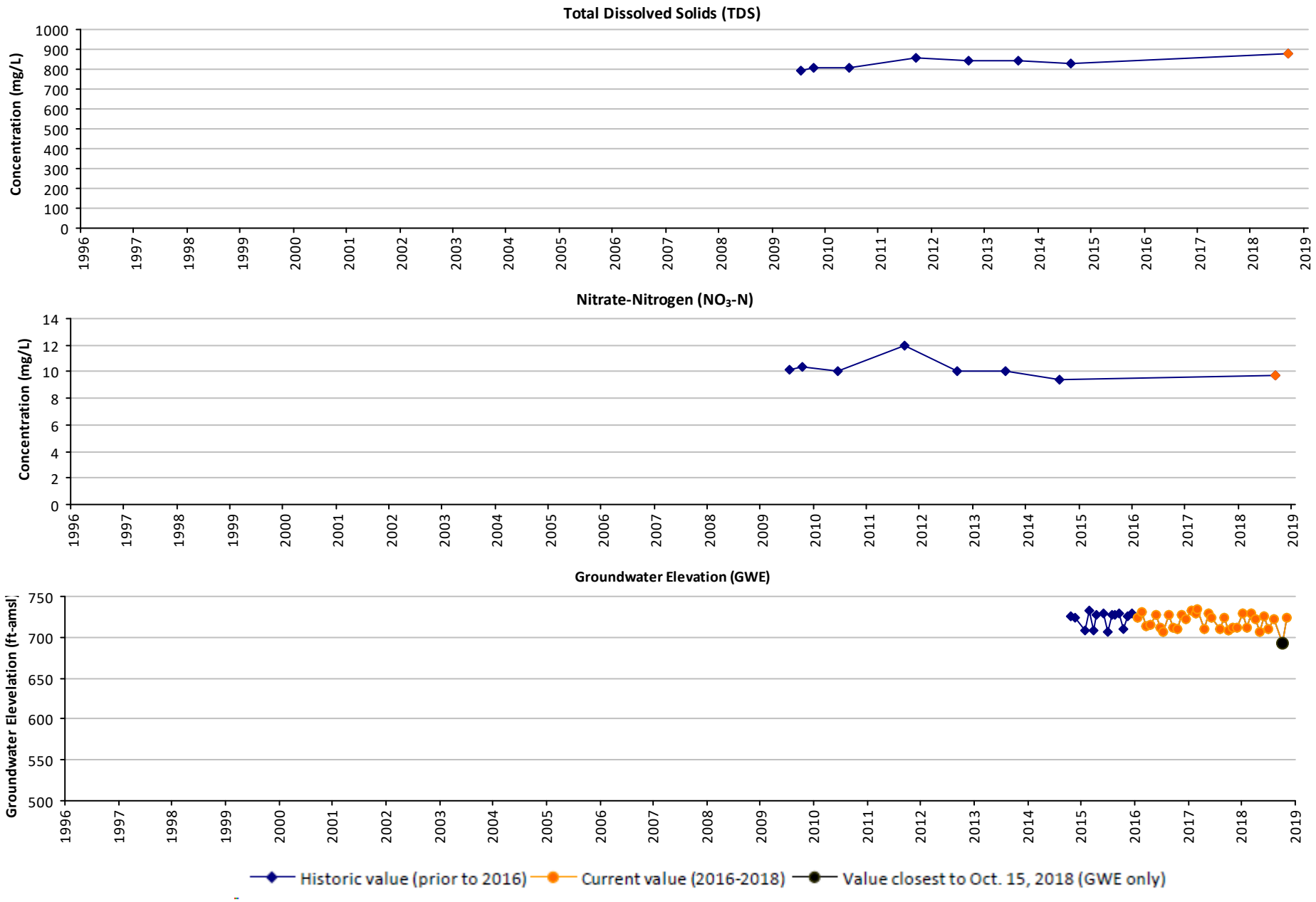

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

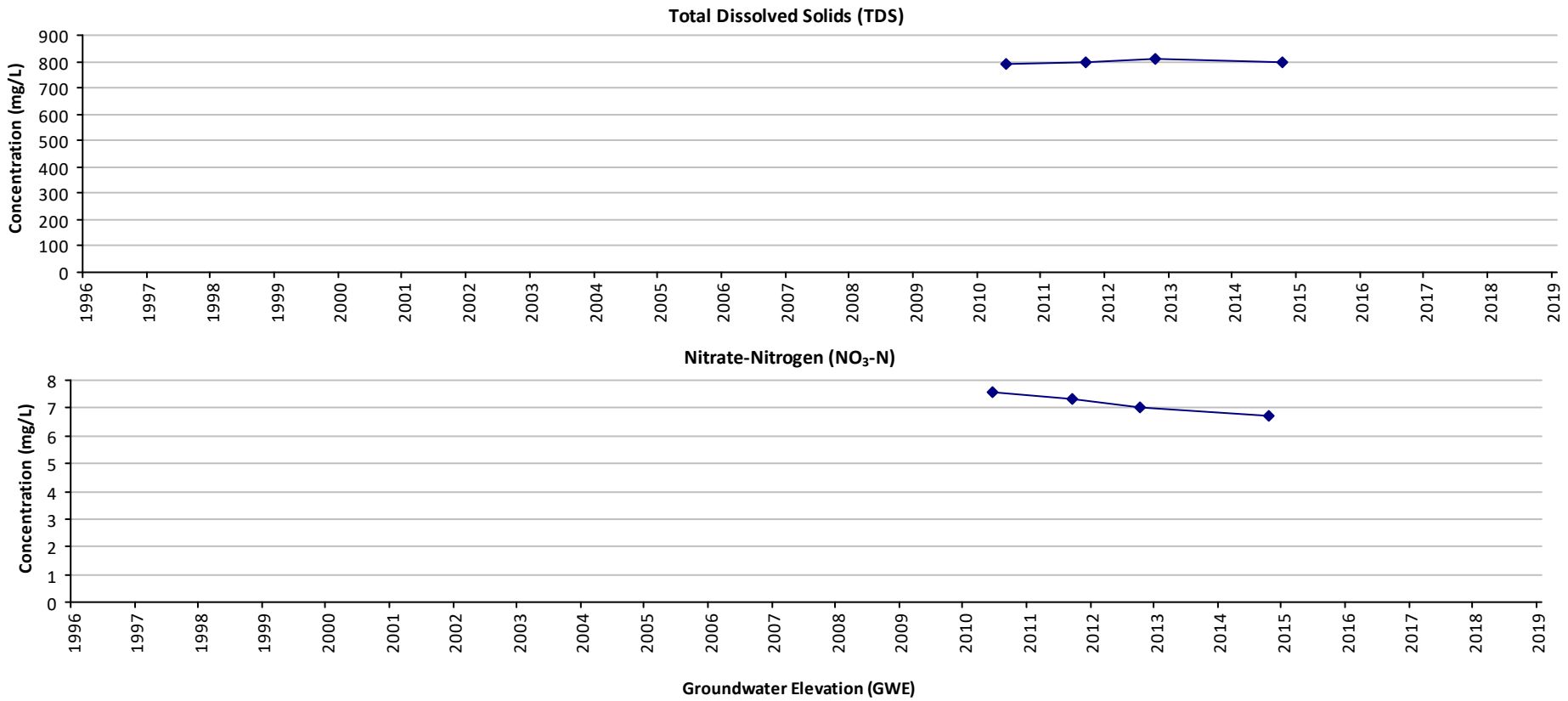

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

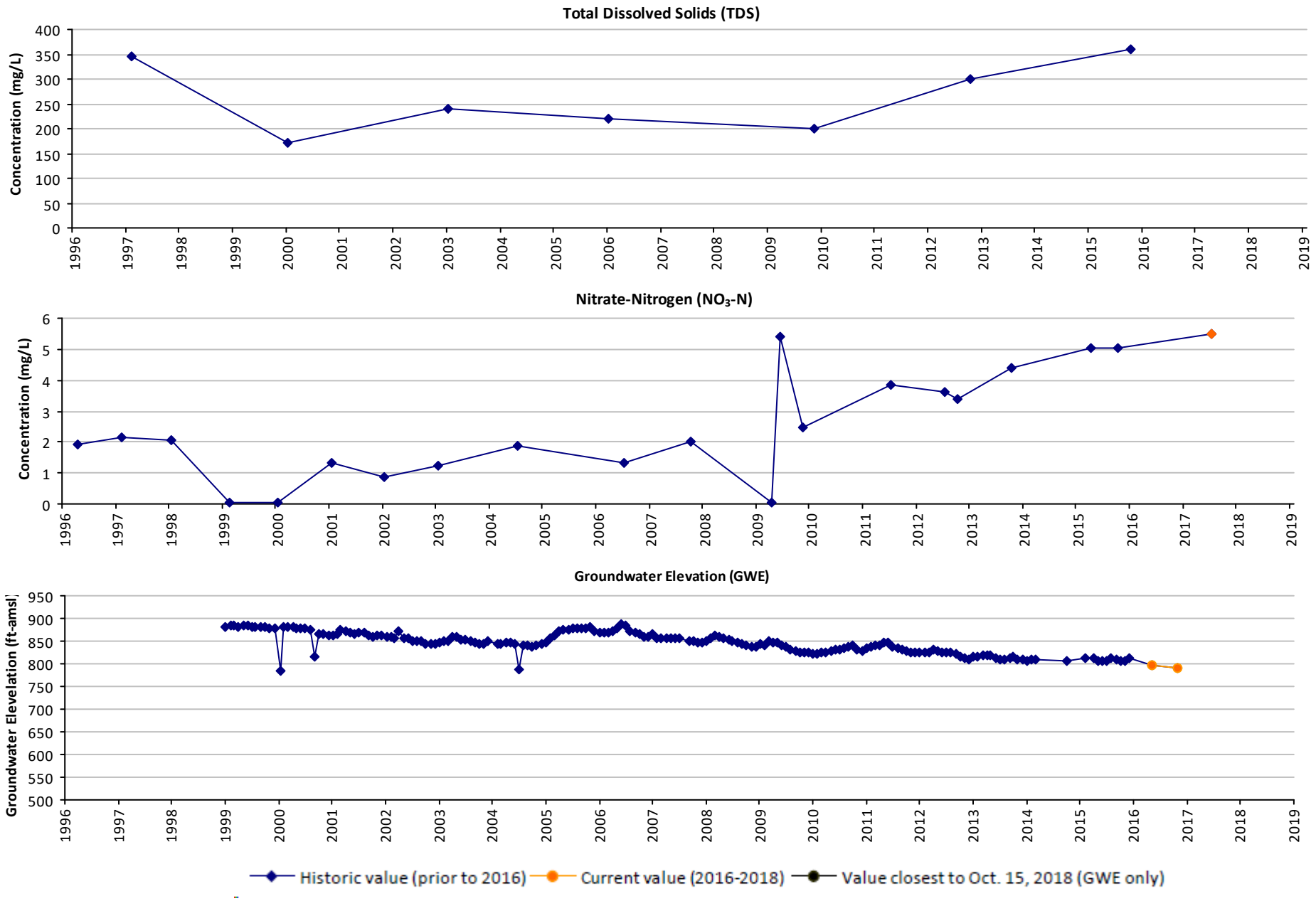

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

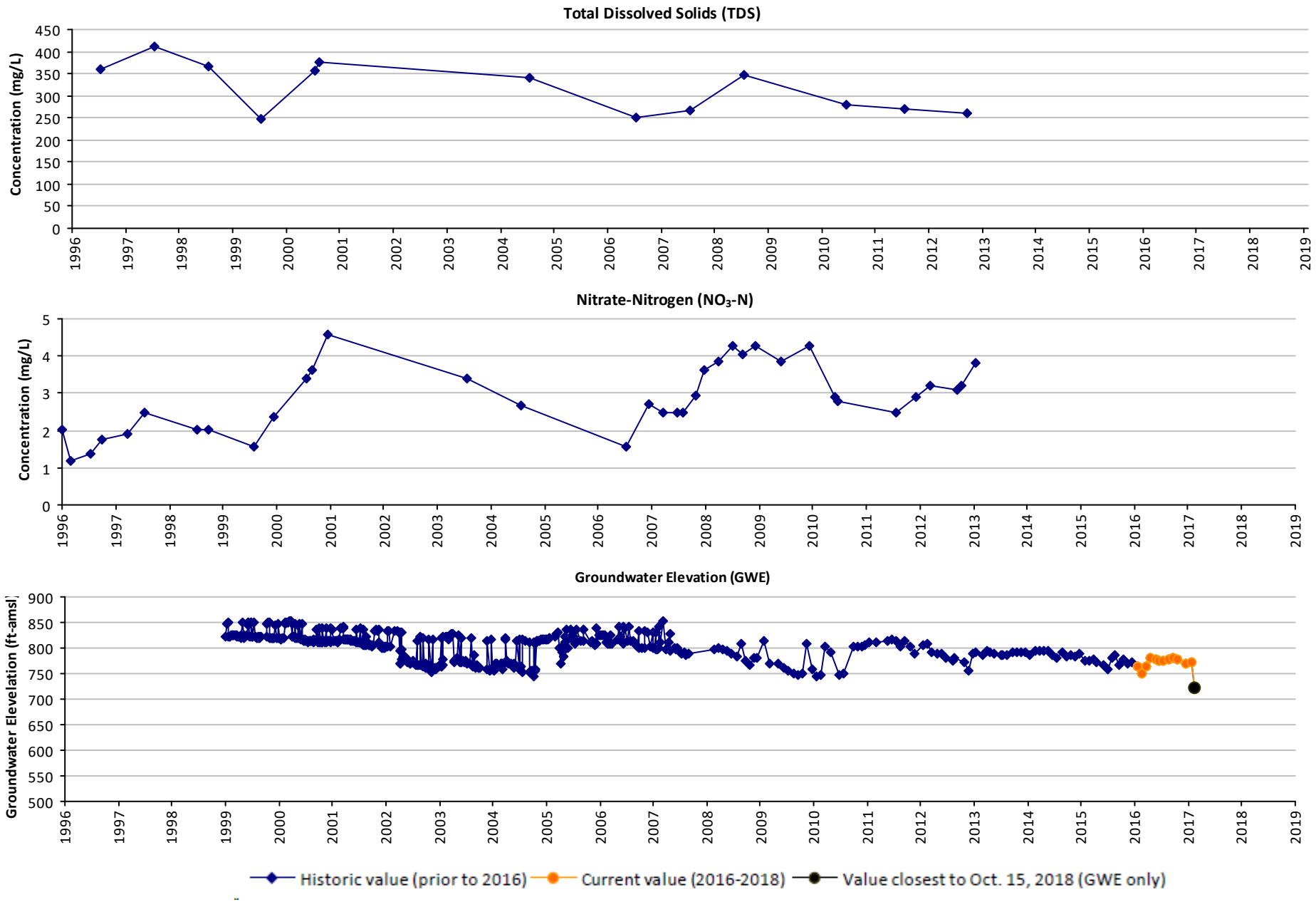

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

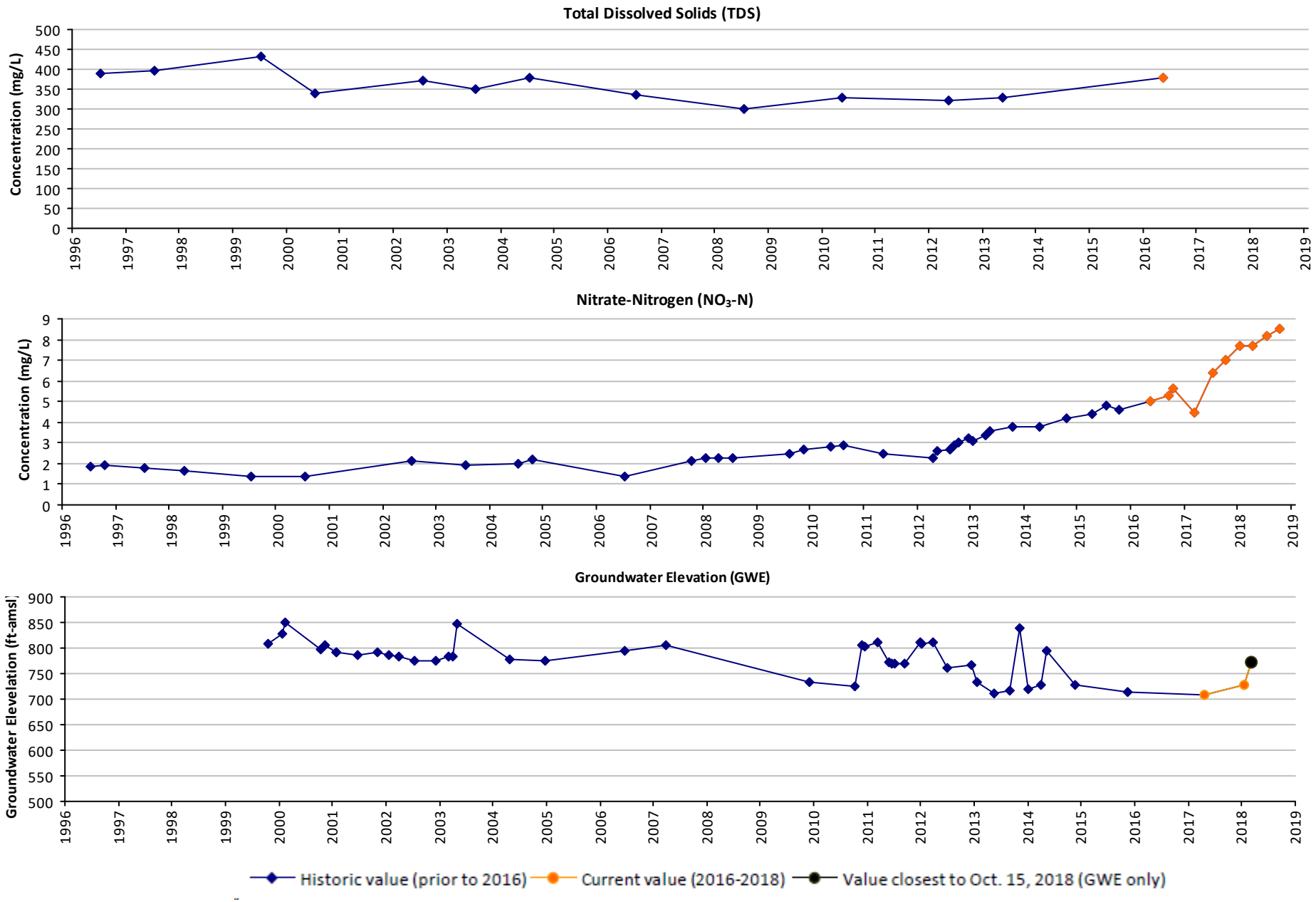

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

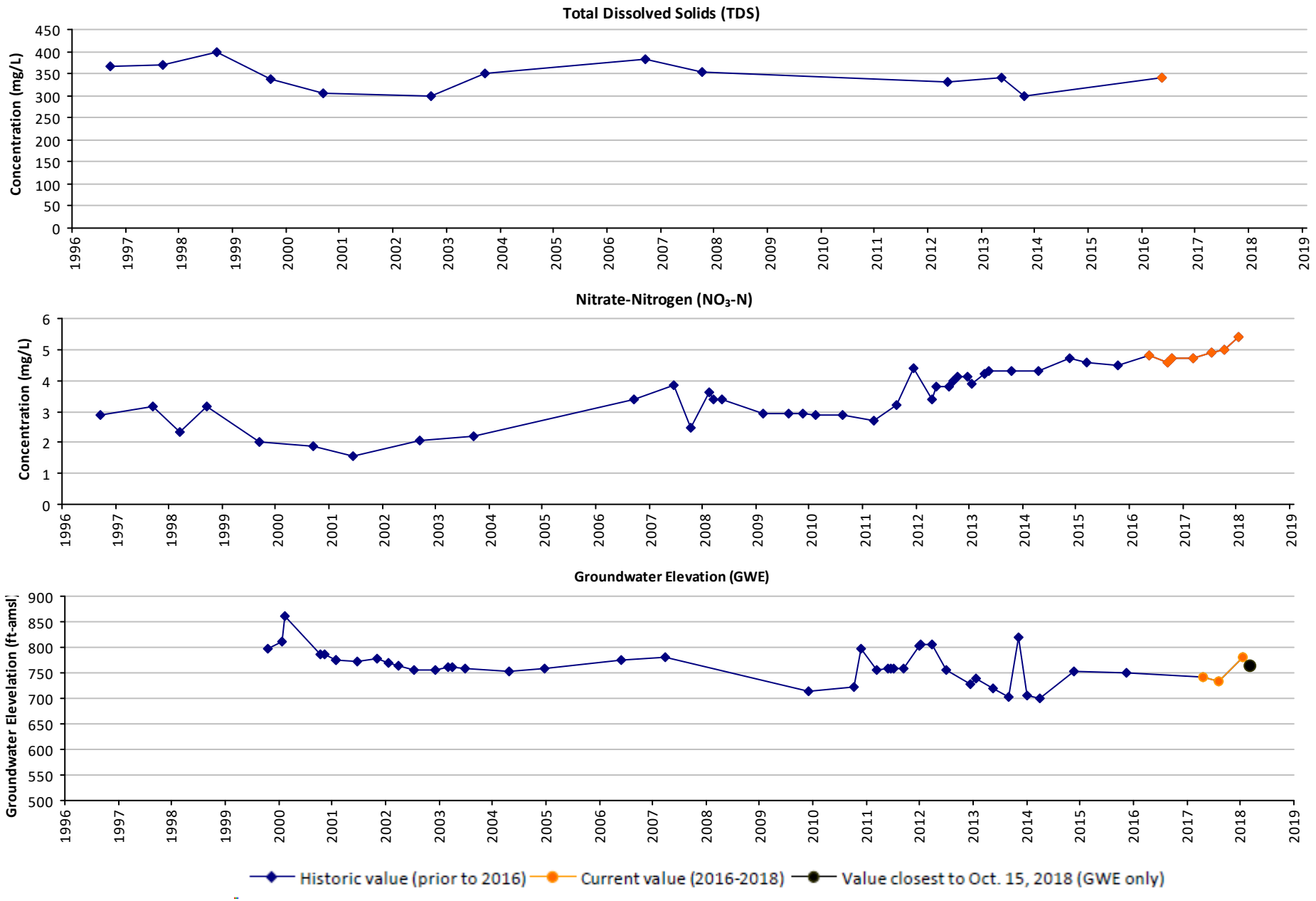

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

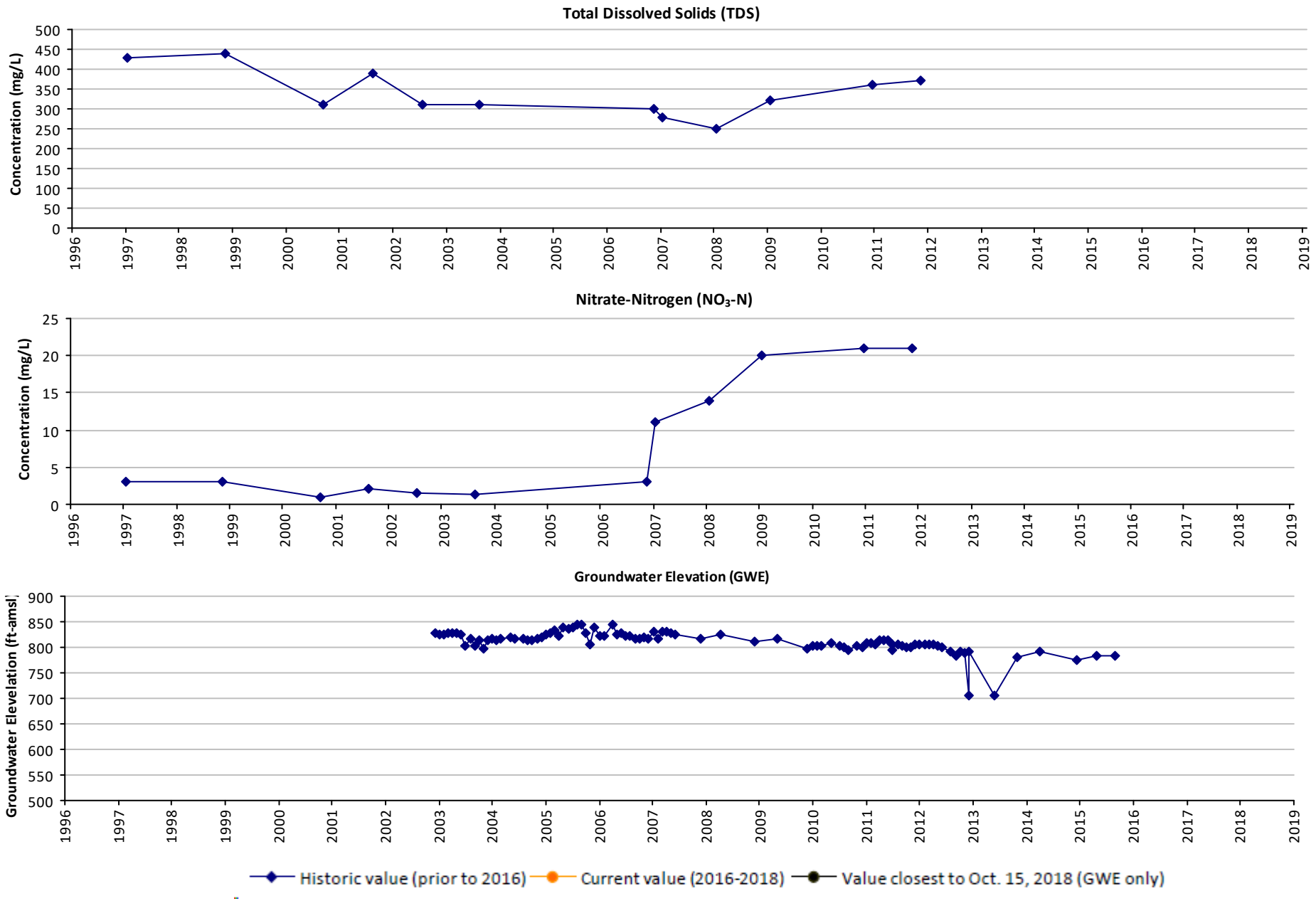

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

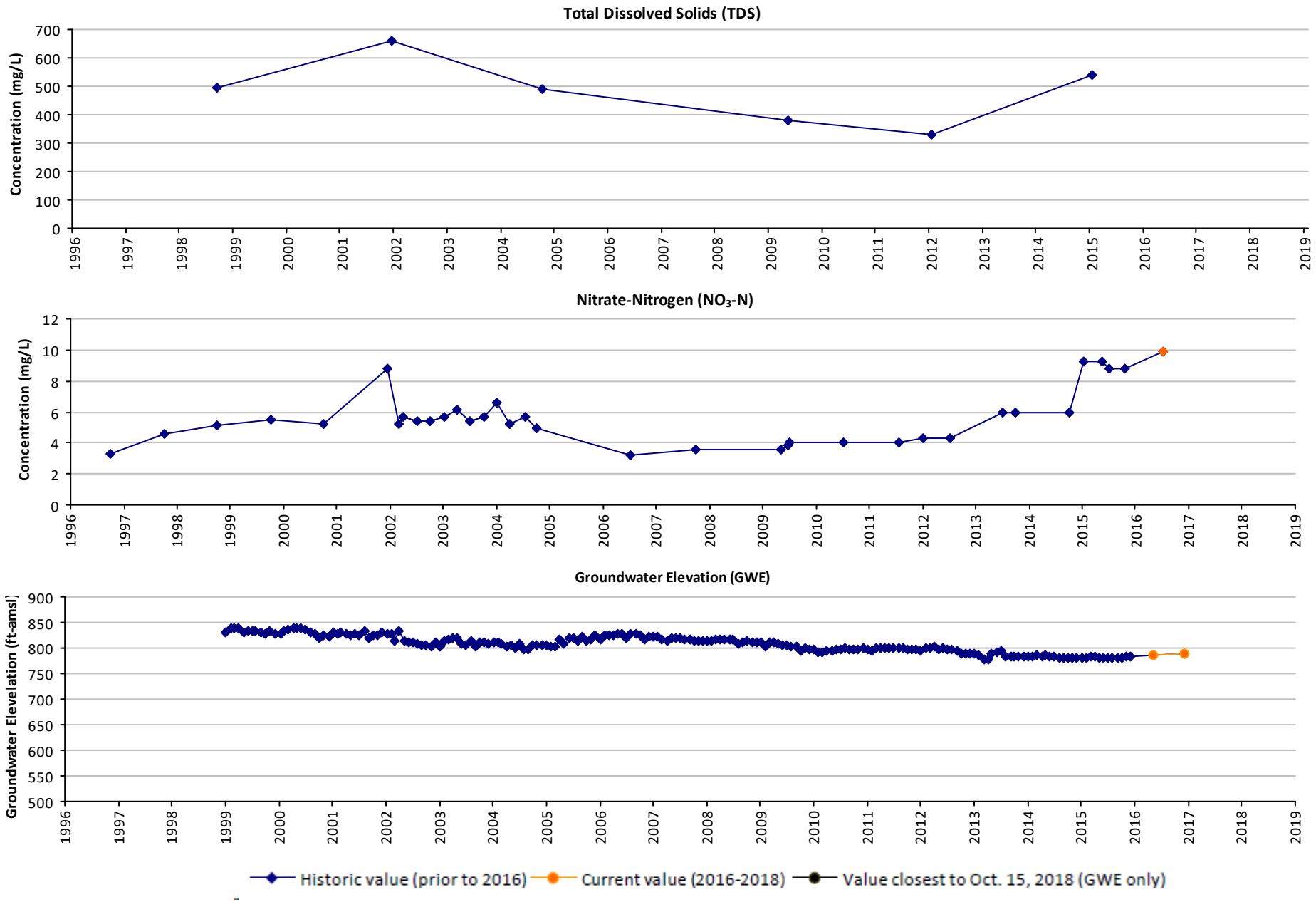

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

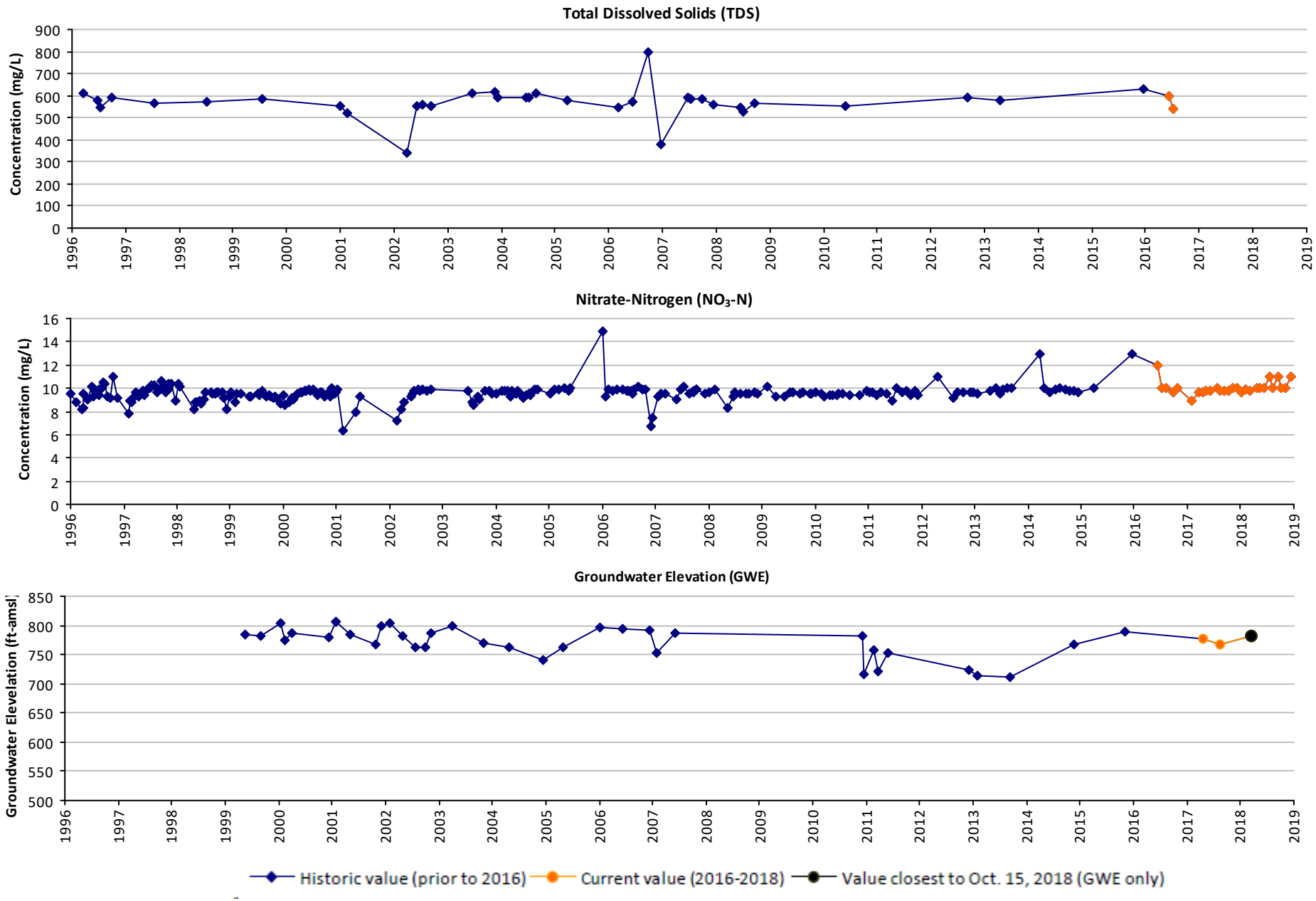

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

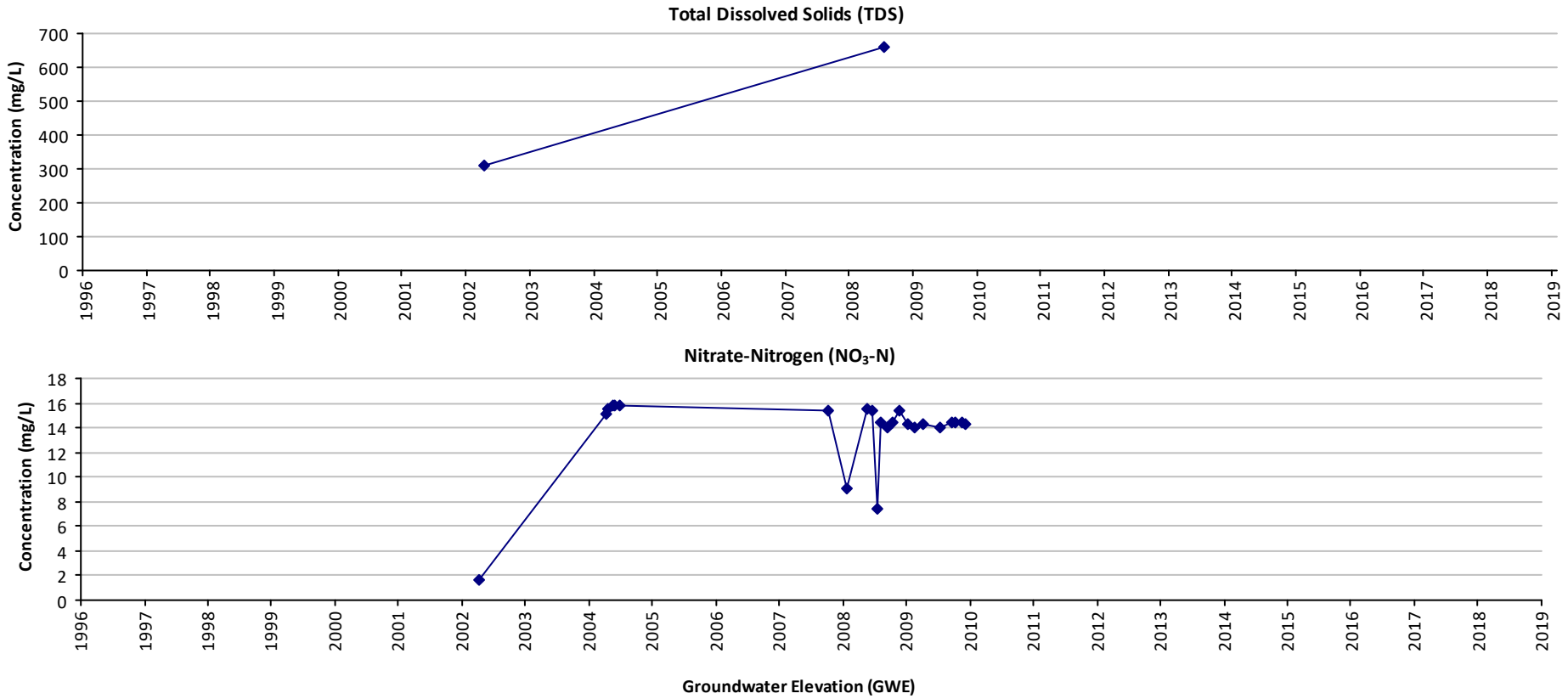

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

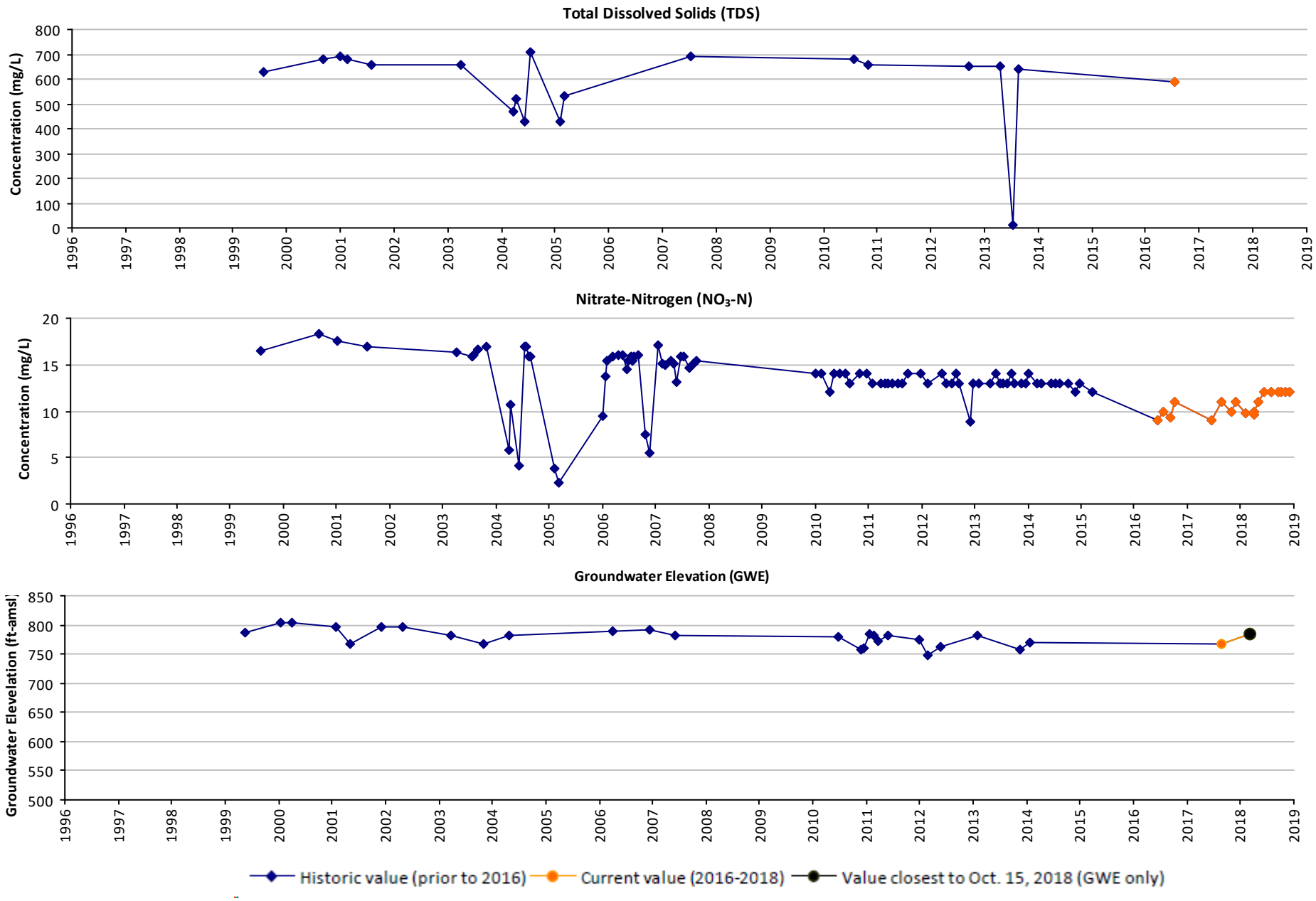

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

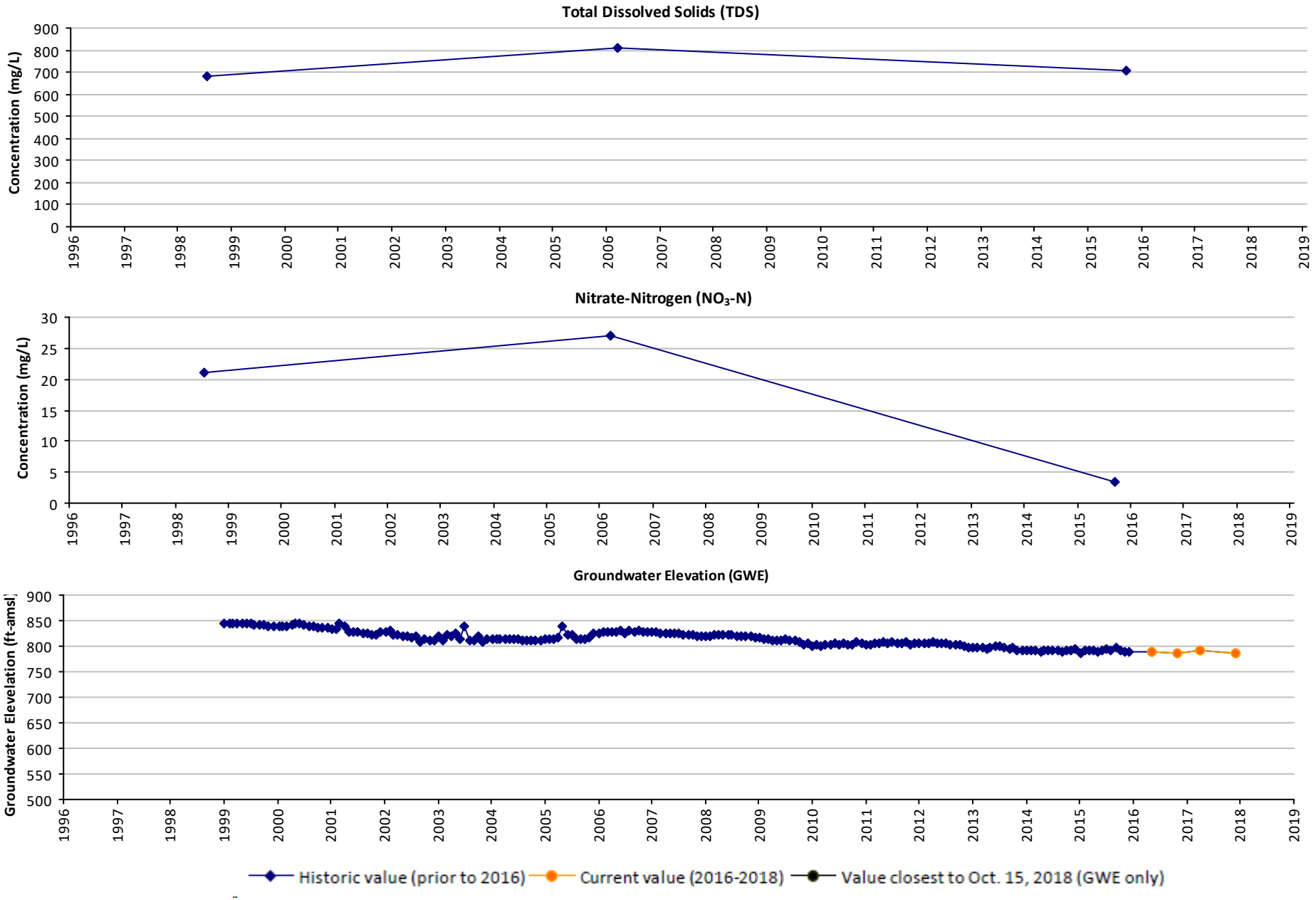

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

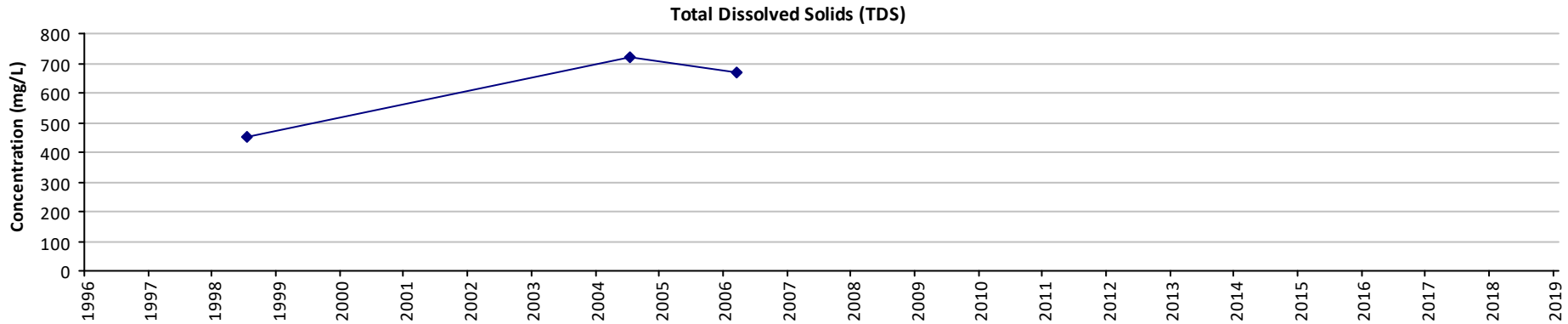

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

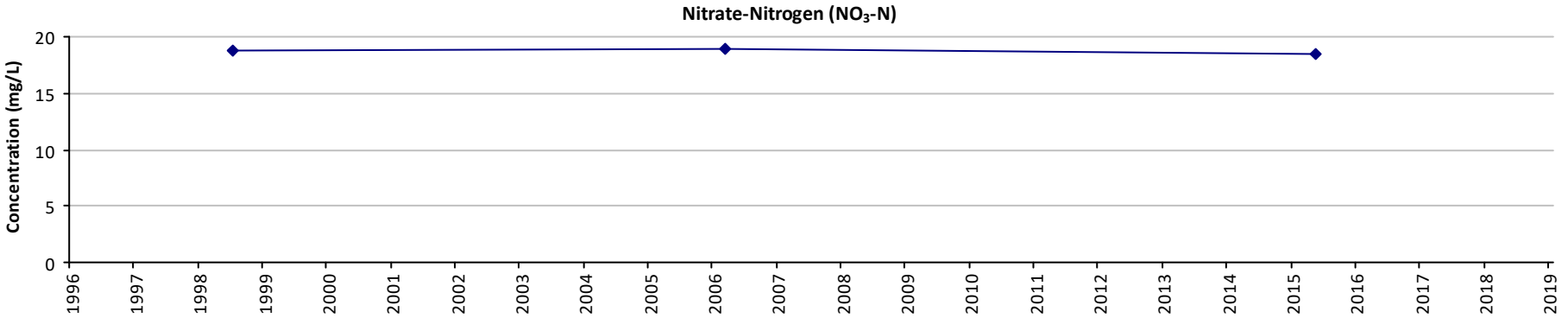

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

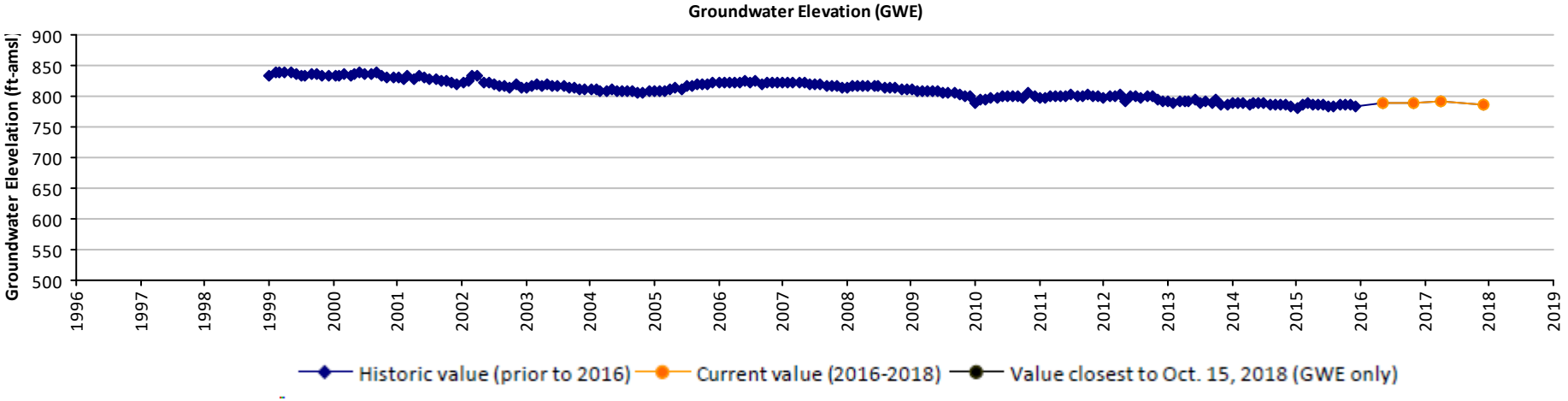

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

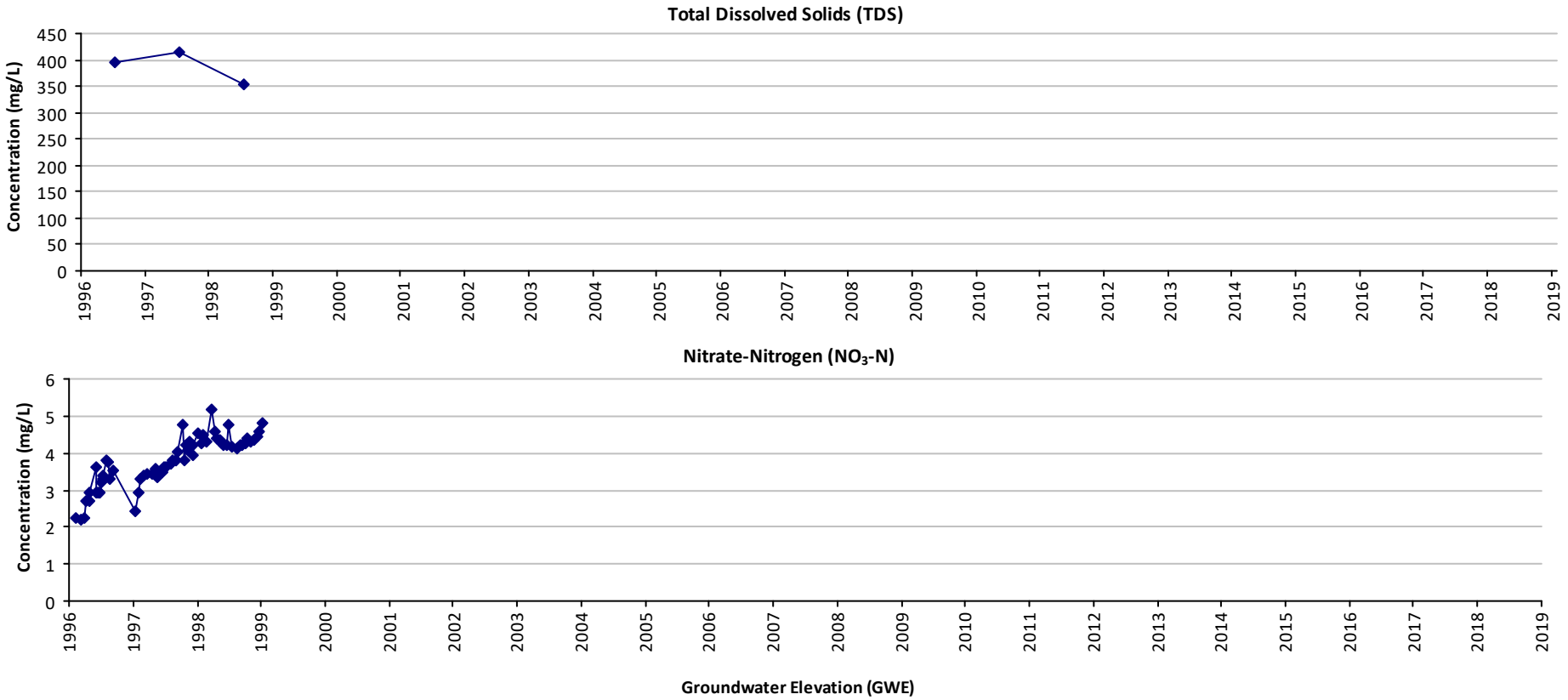

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

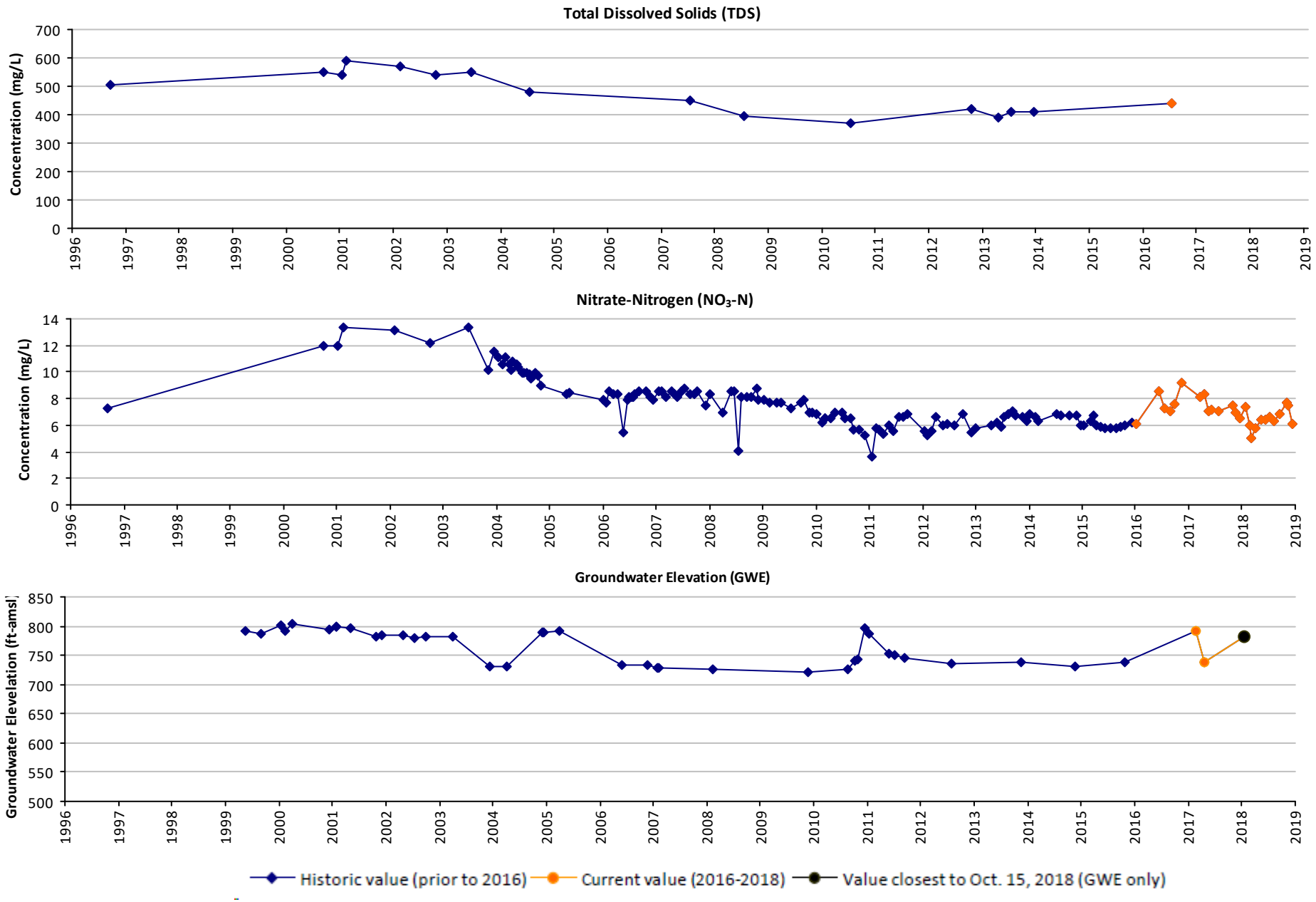

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

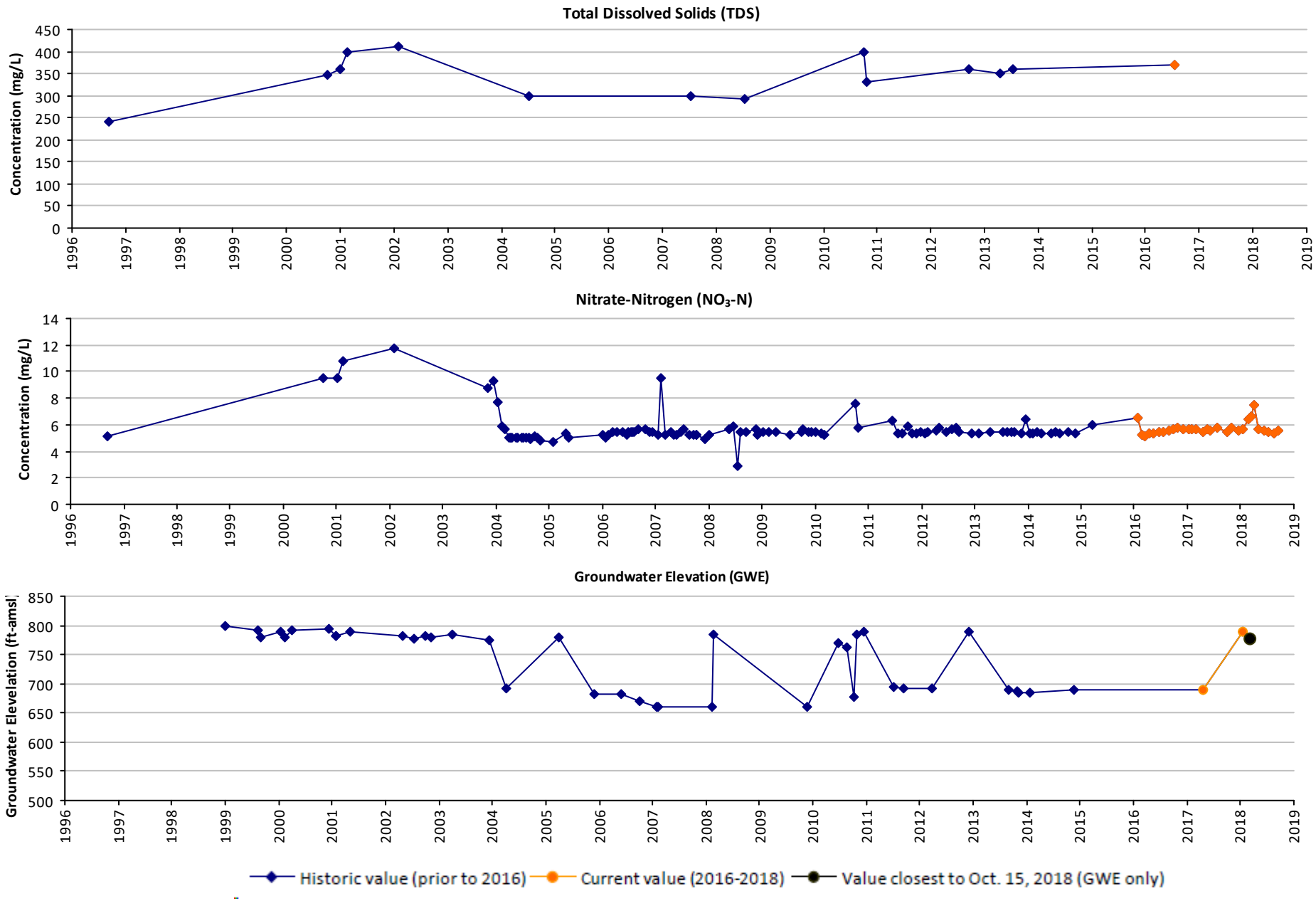

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

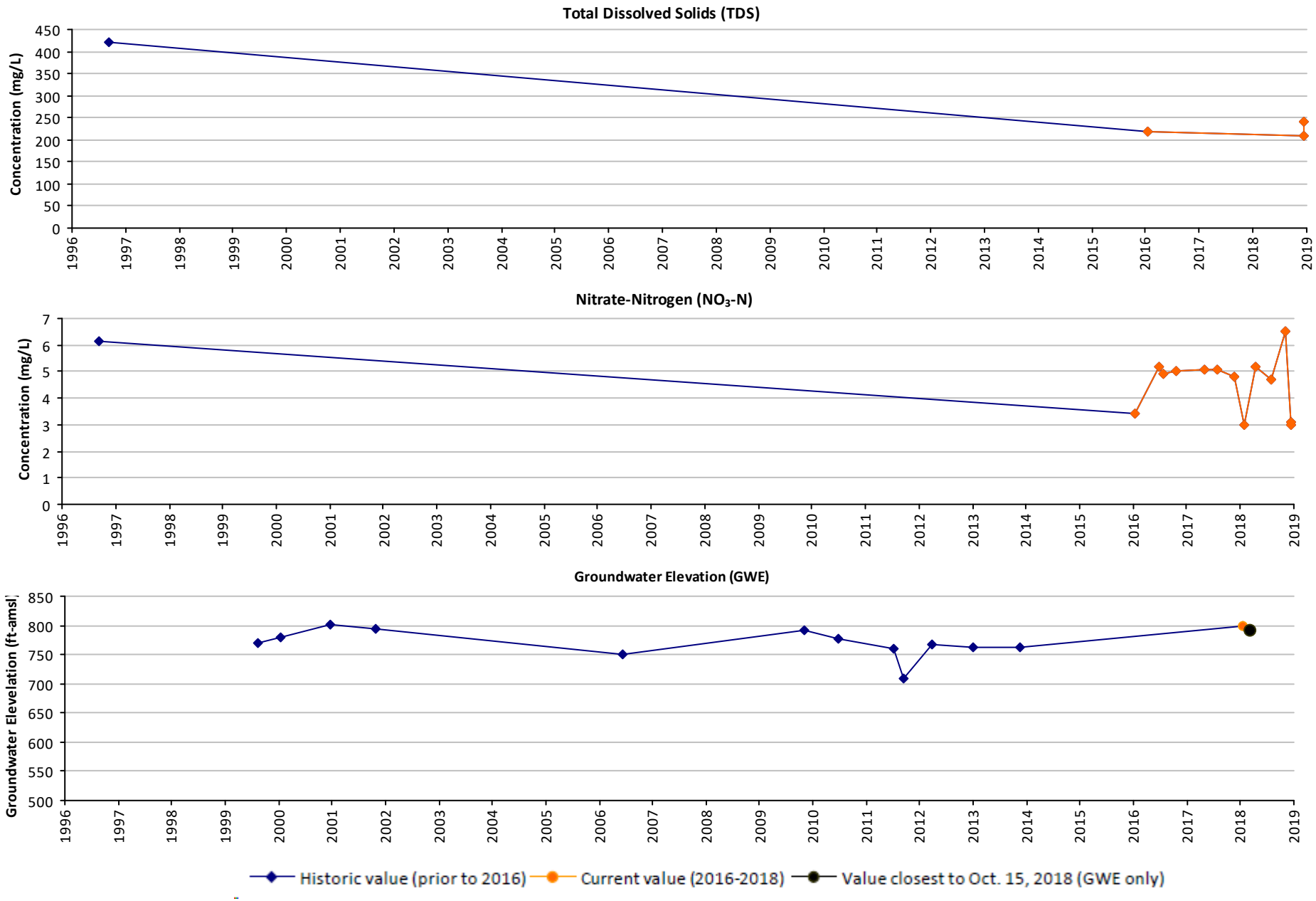

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

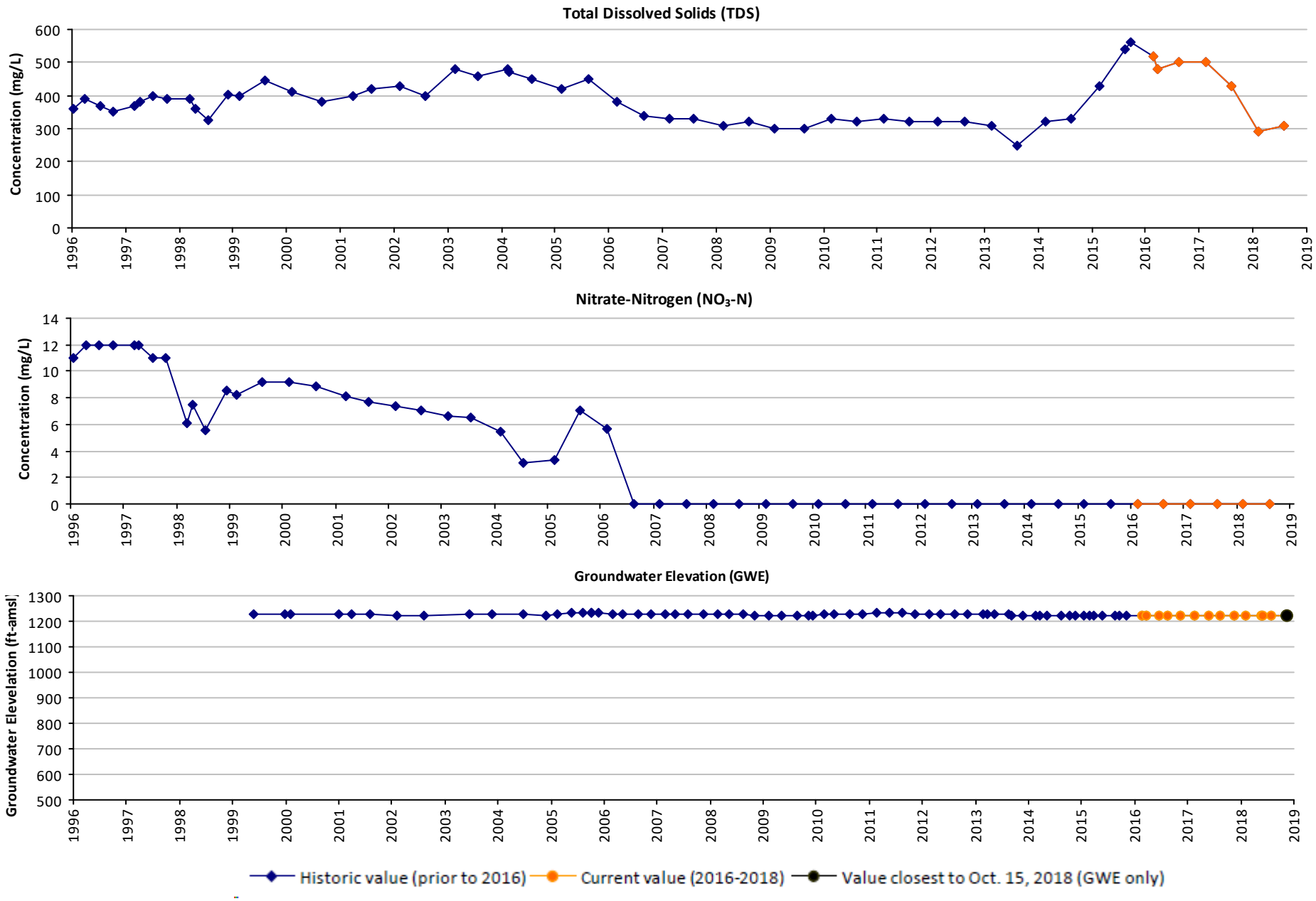

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

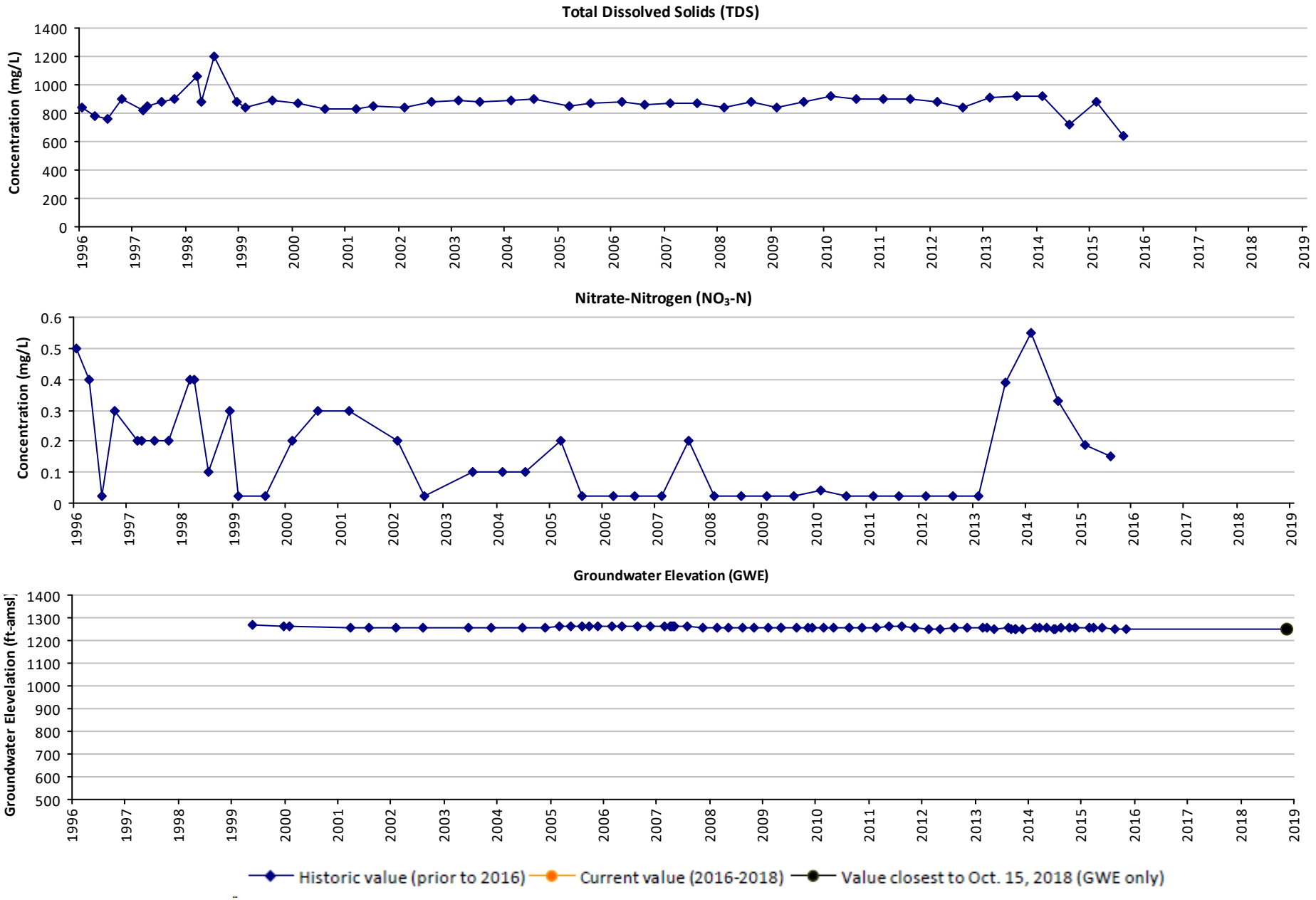

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

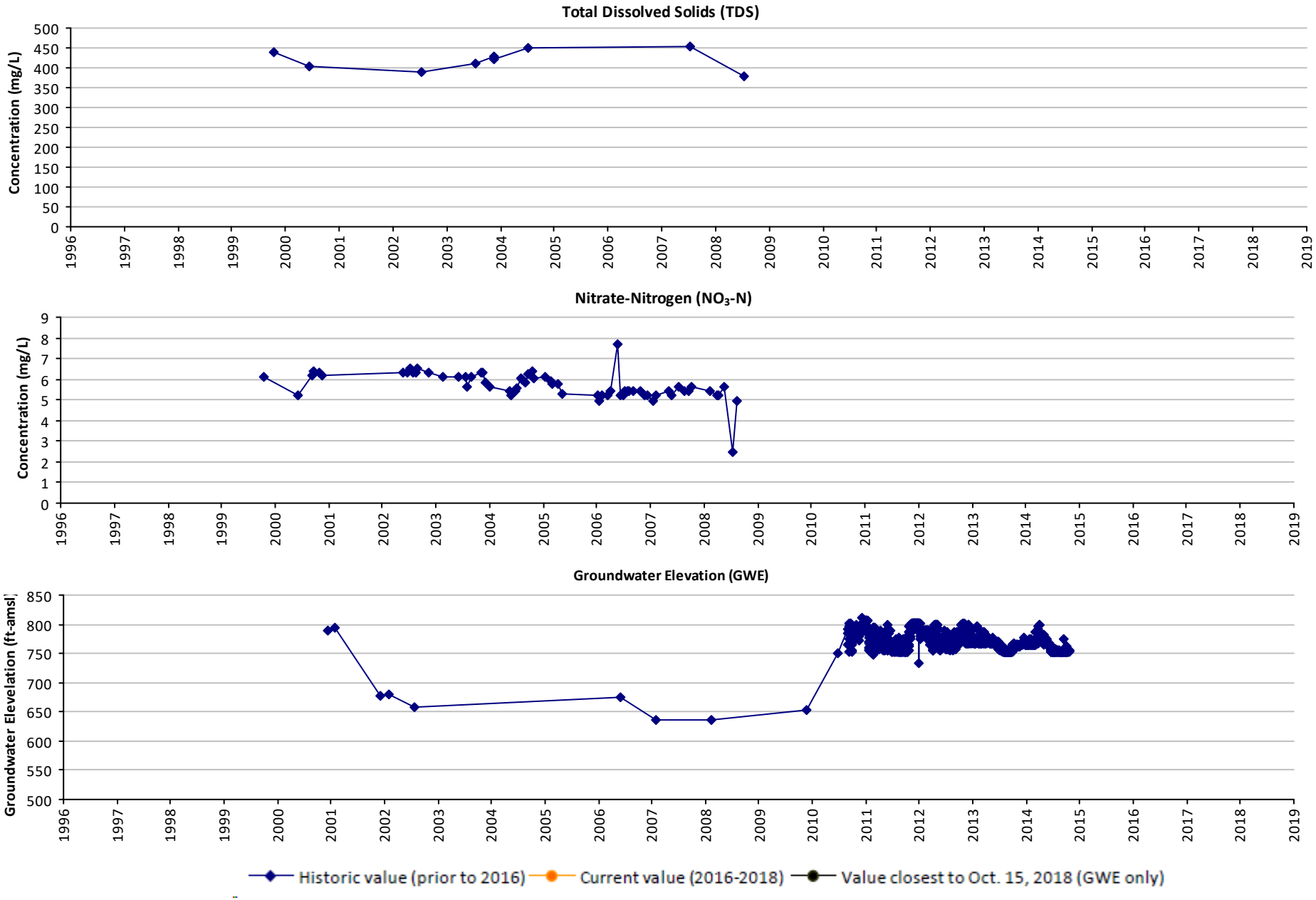

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

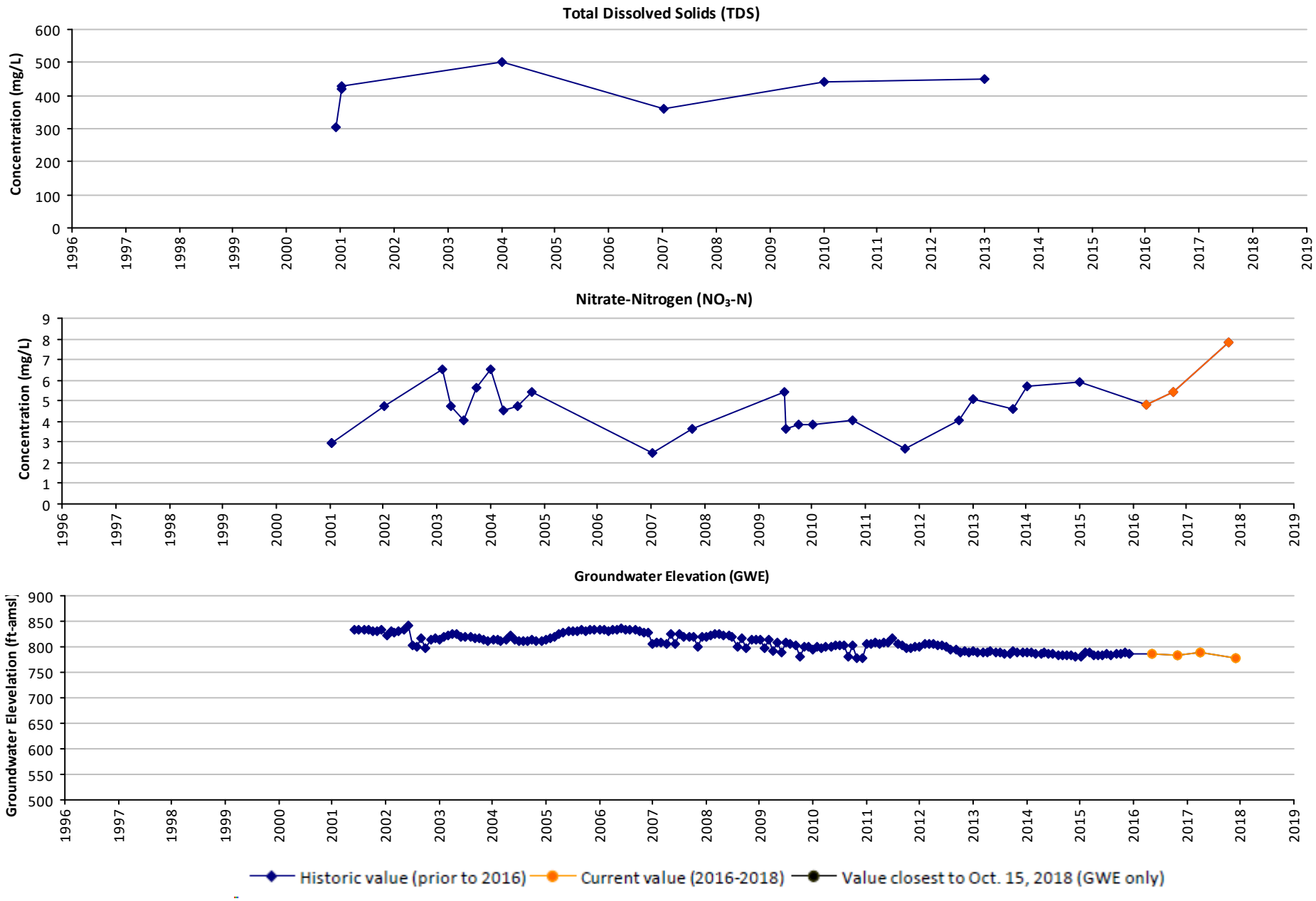

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

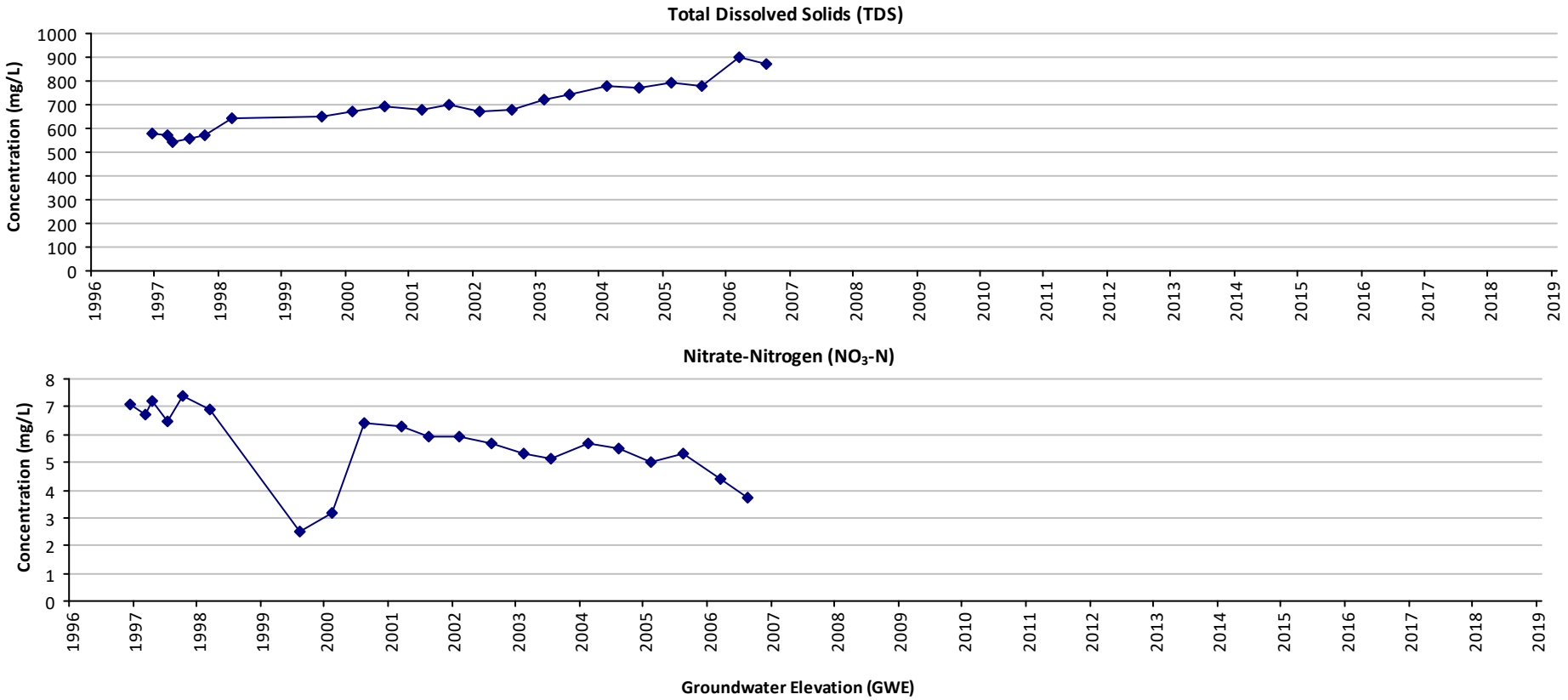

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

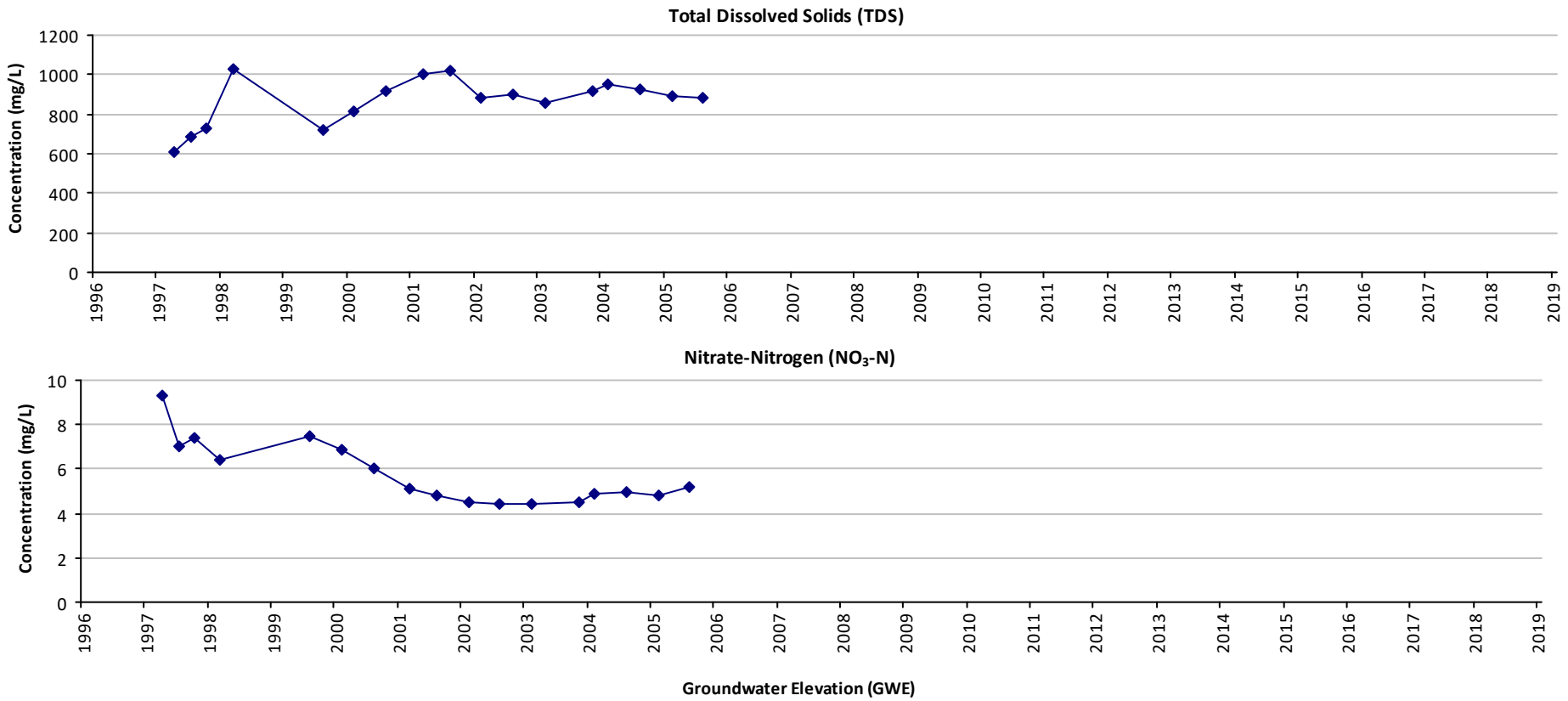

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

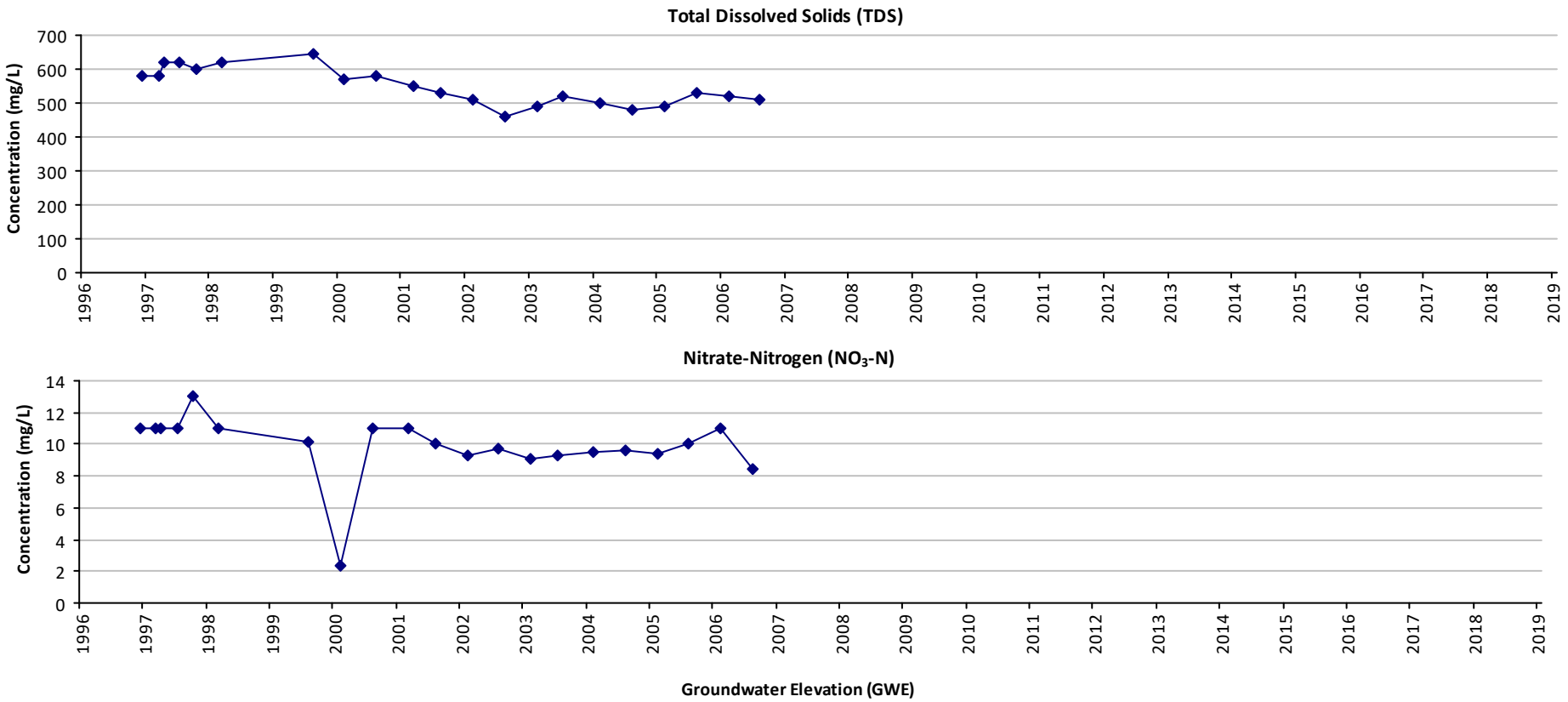

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

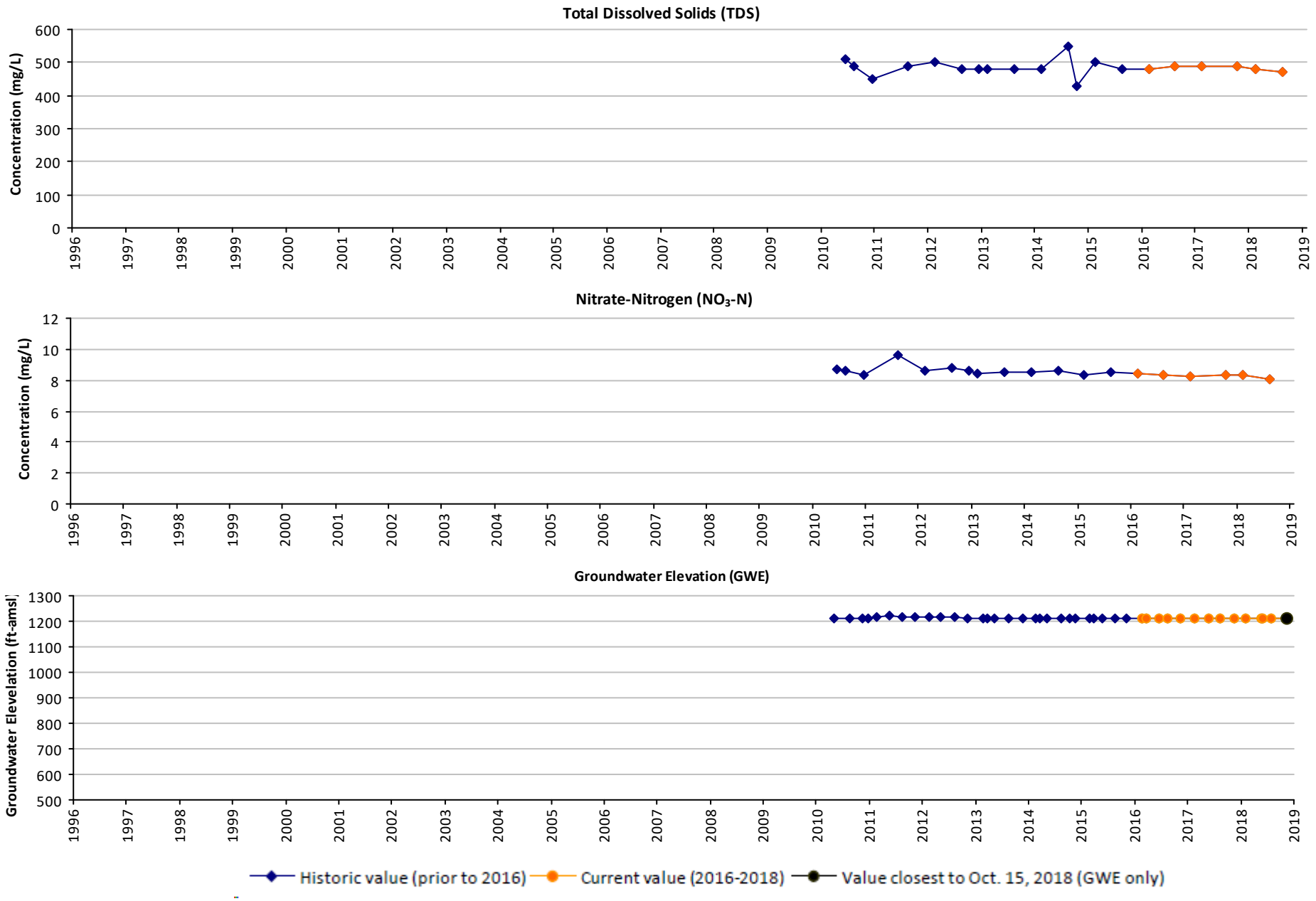


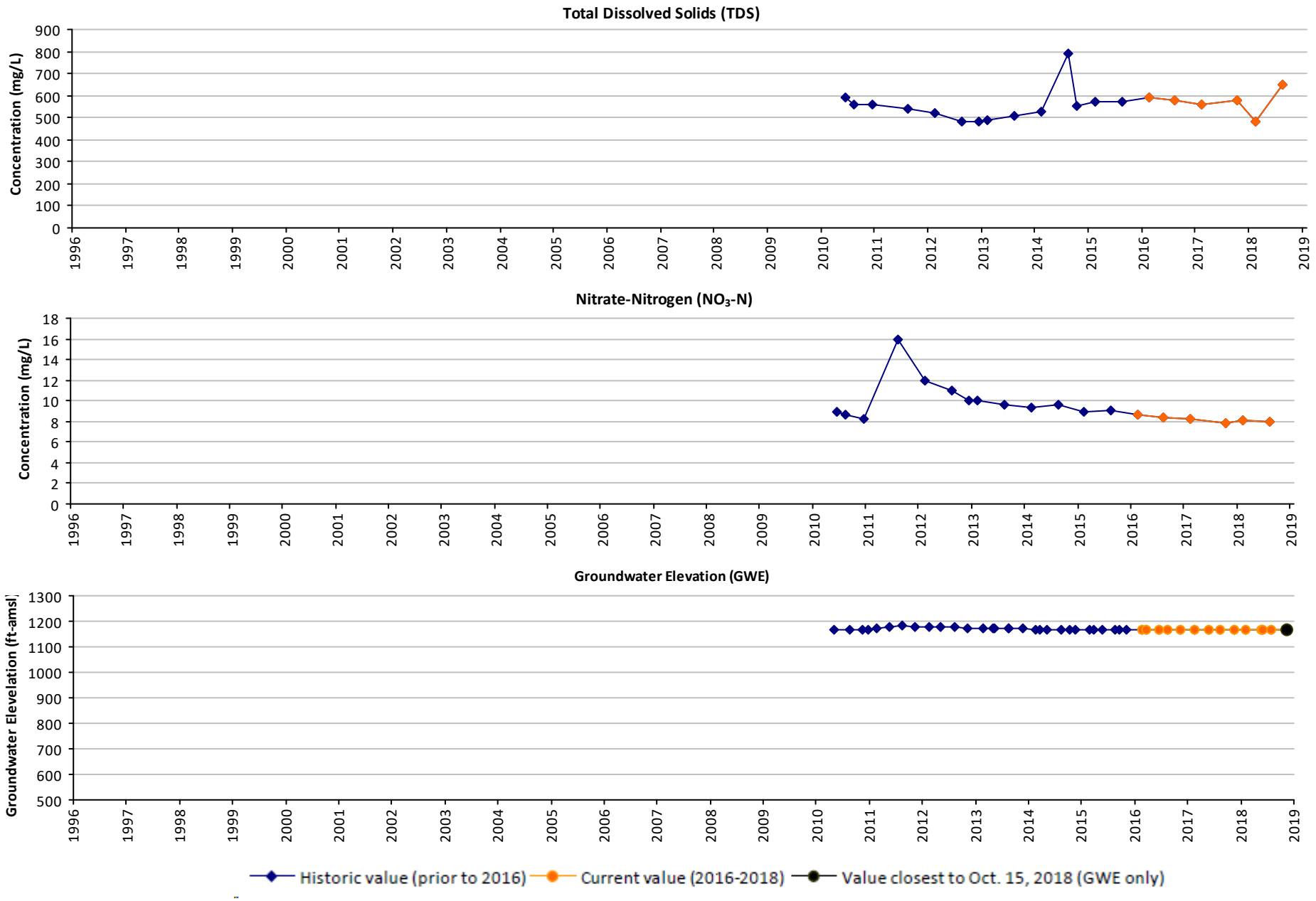
Groundwater Elevation (GWE)

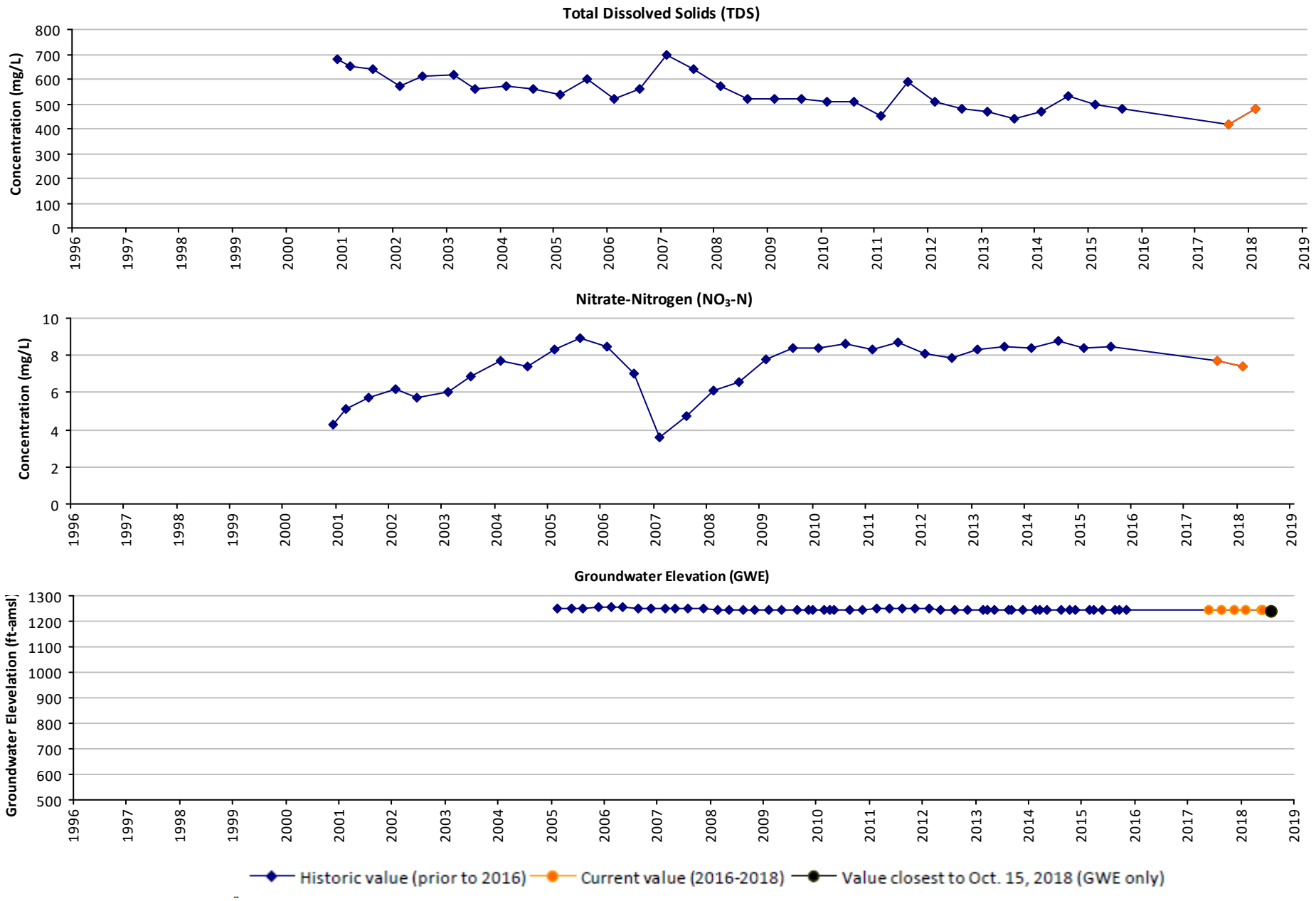
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

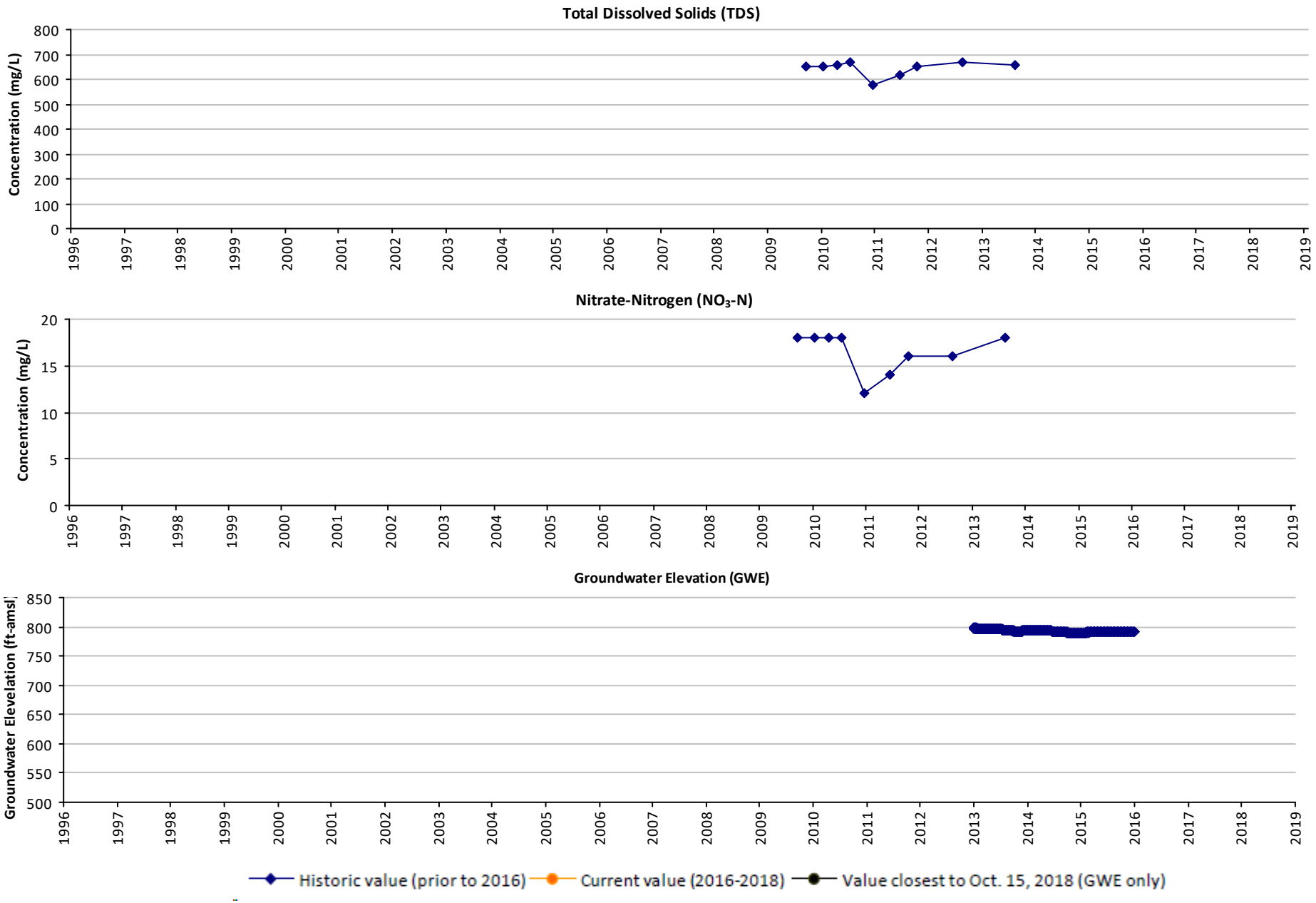

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

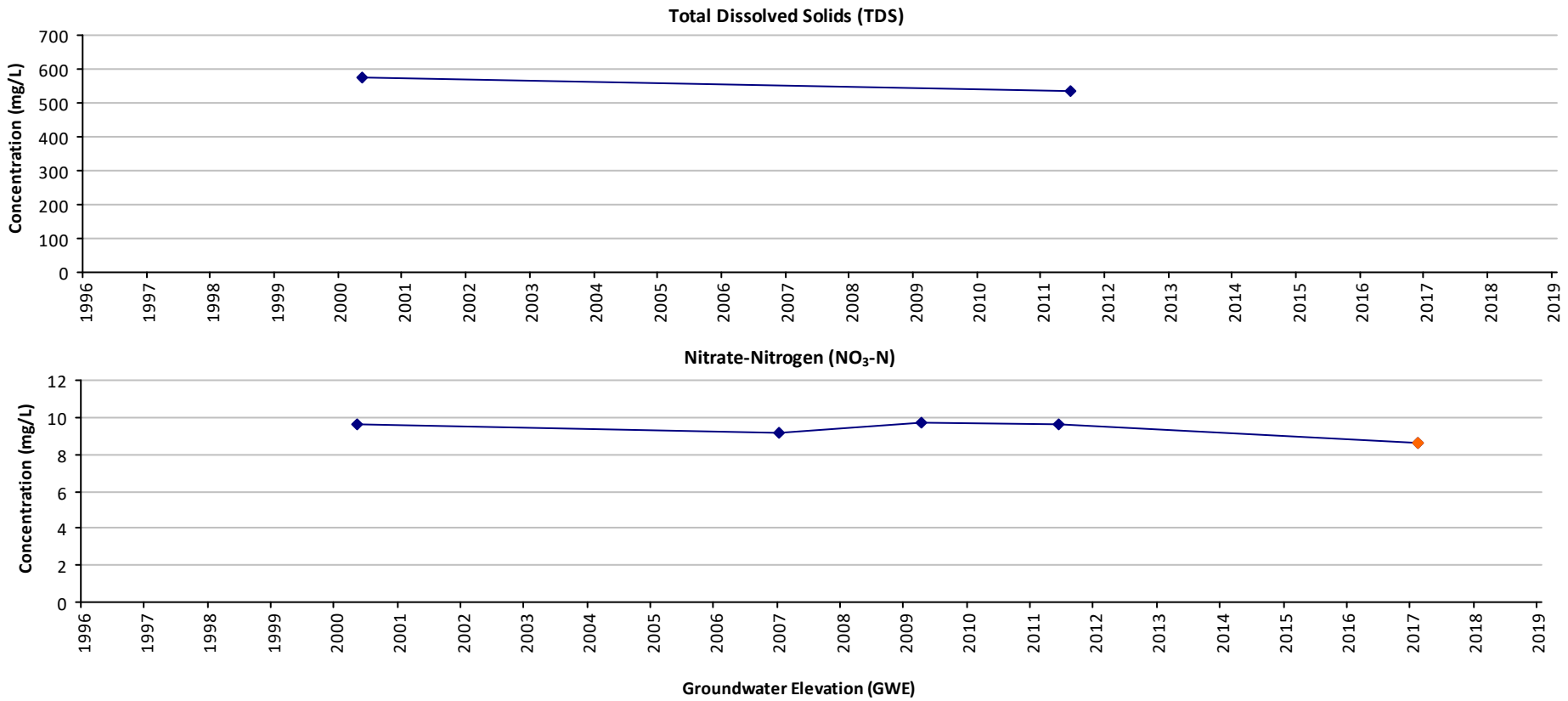

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

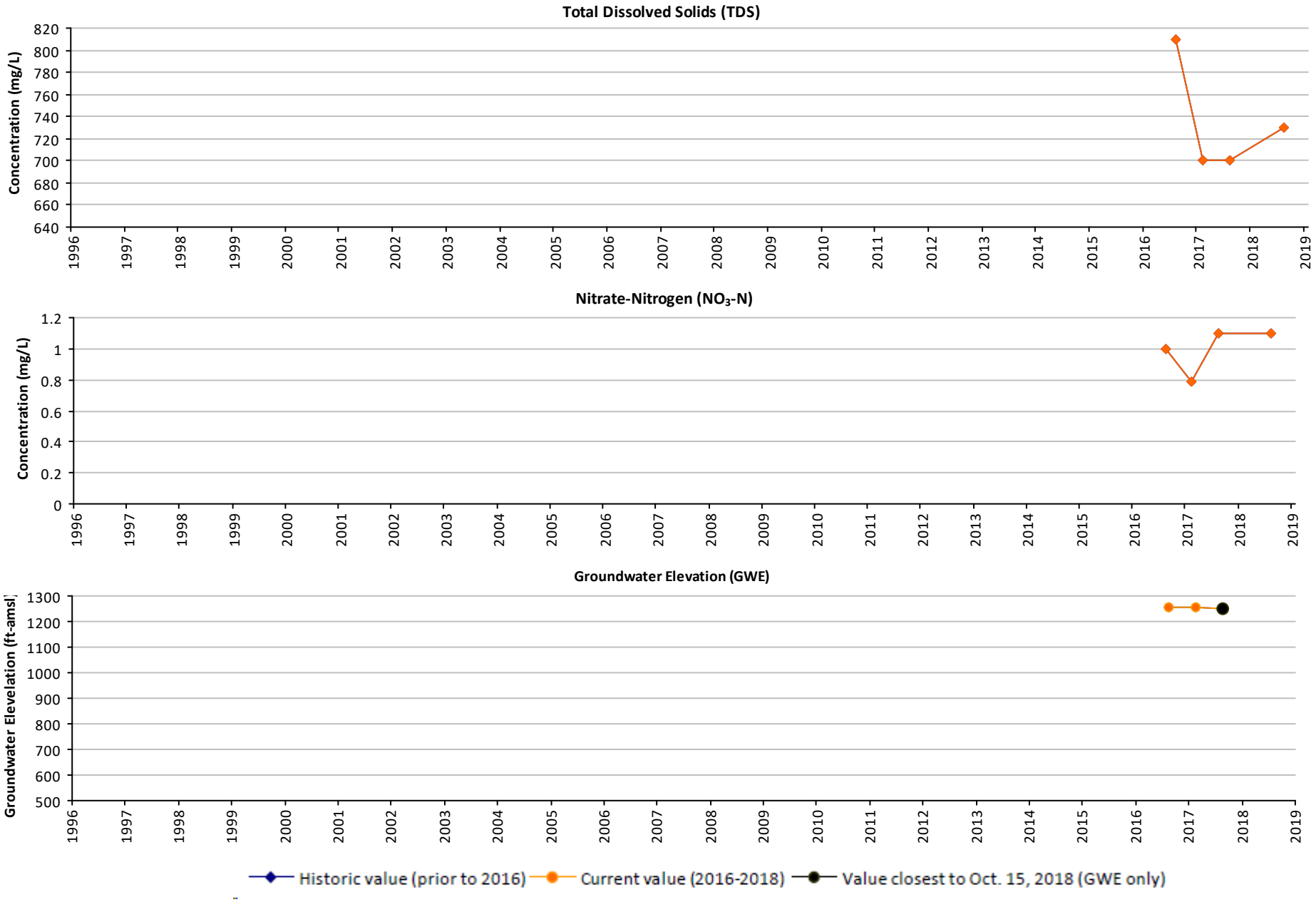

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
600
700
800
900
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

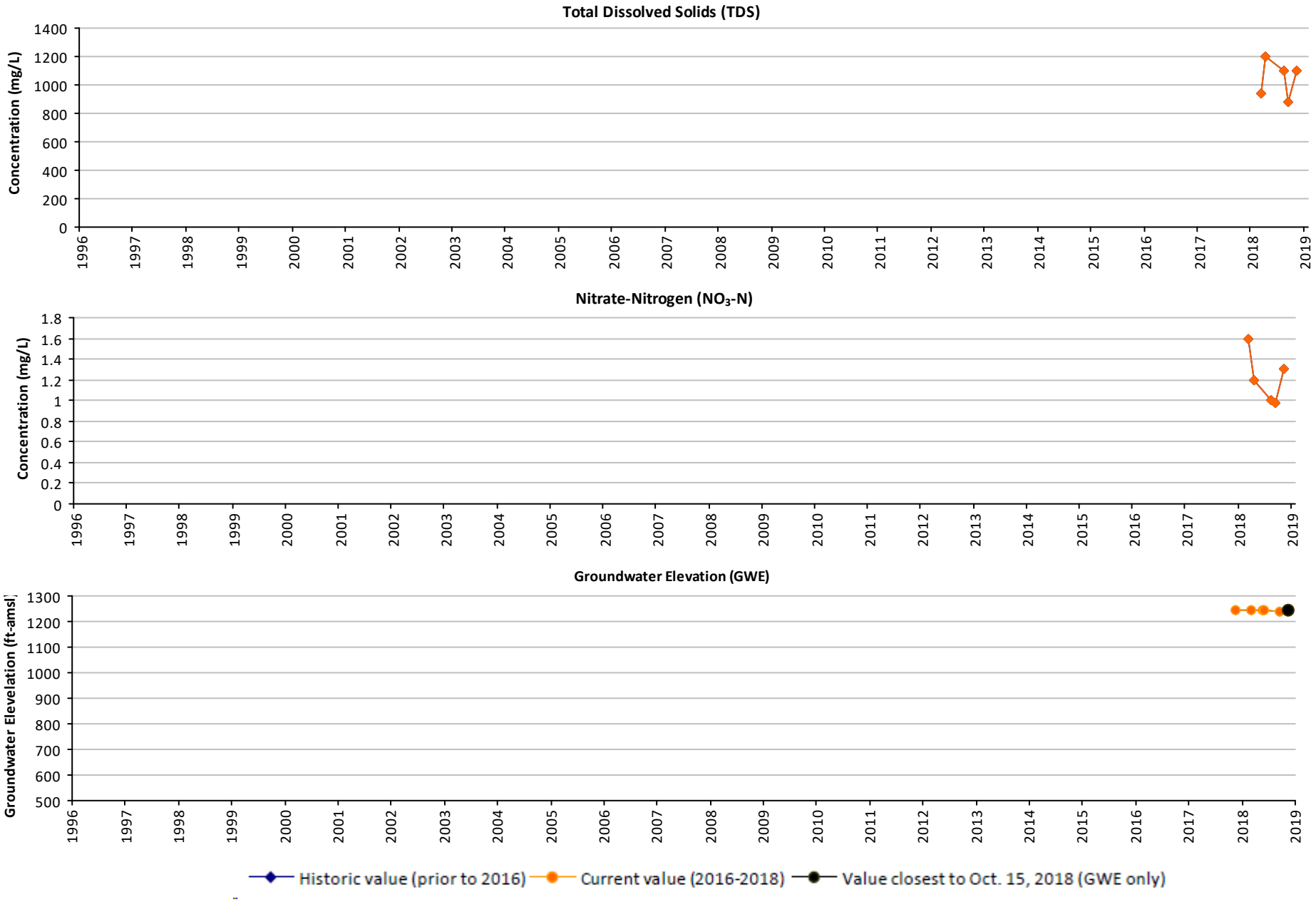

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

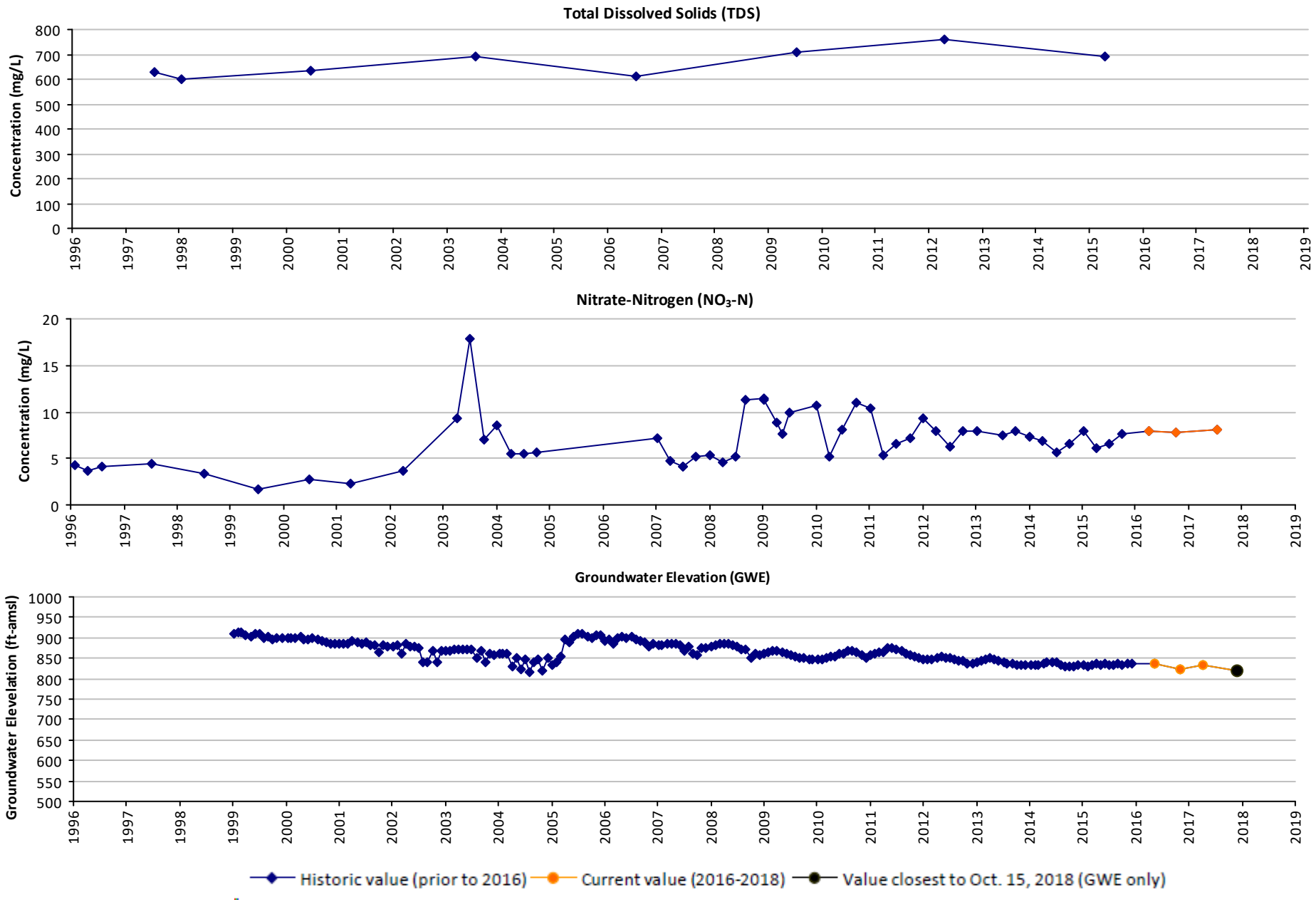

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

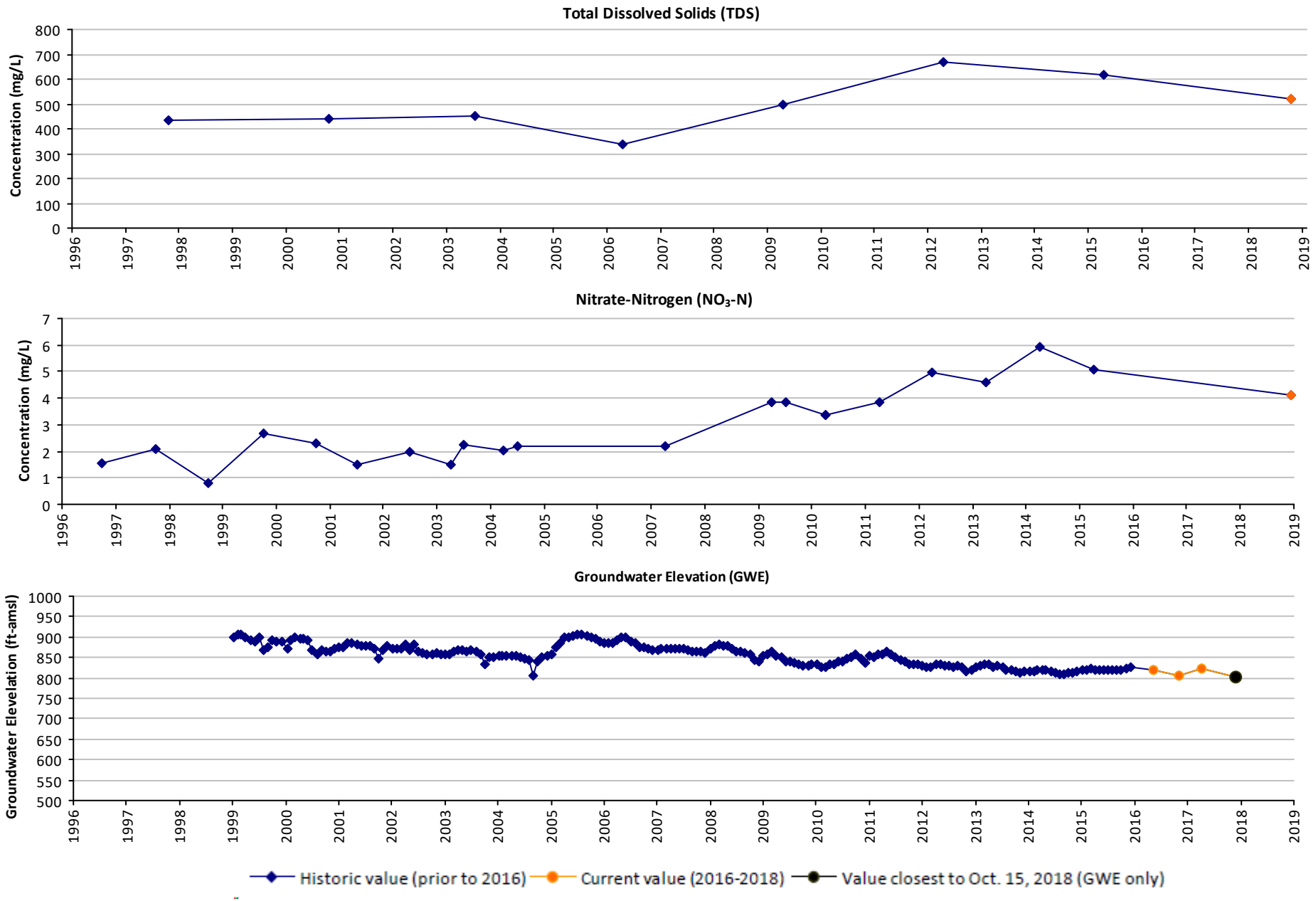

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

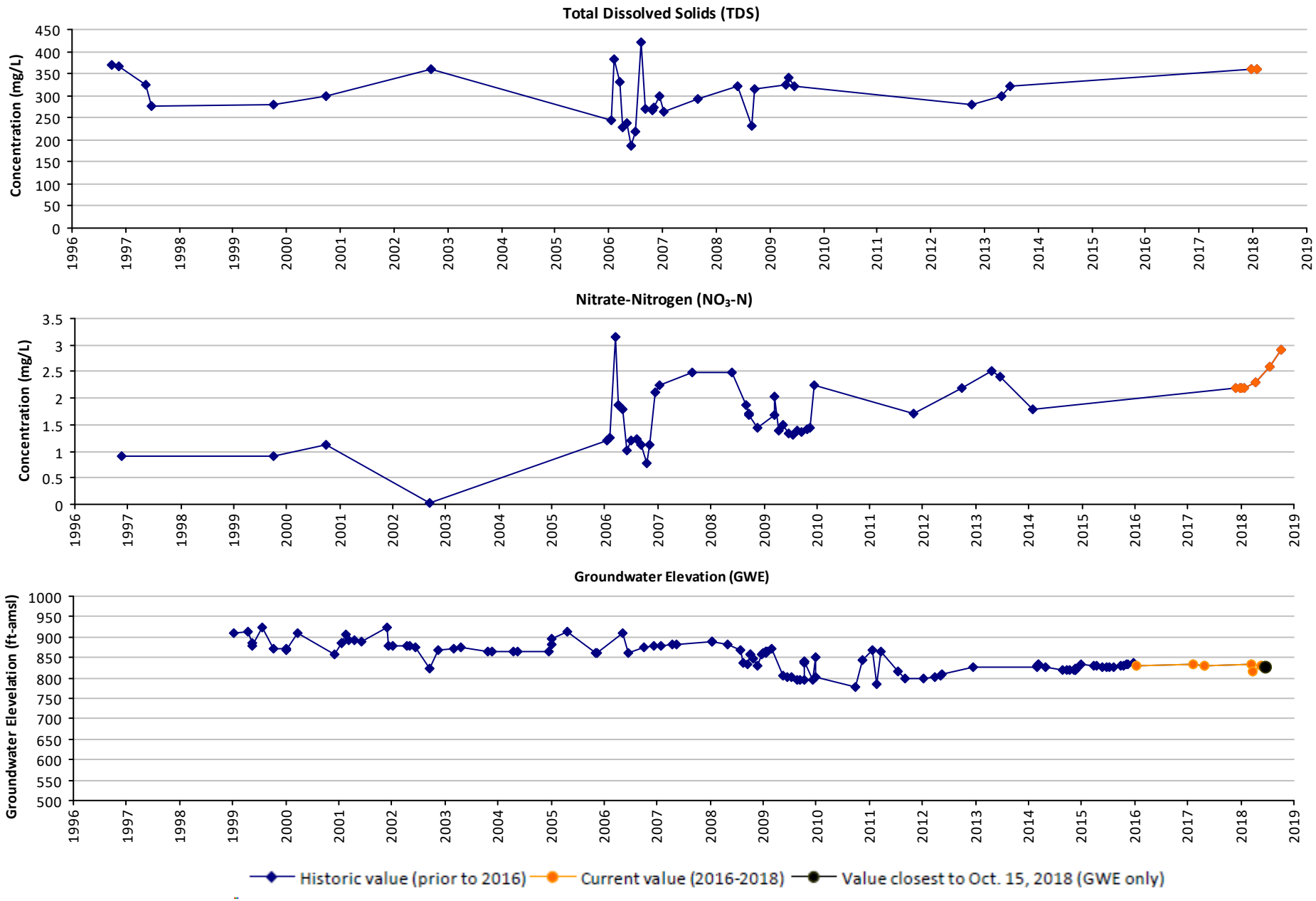

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

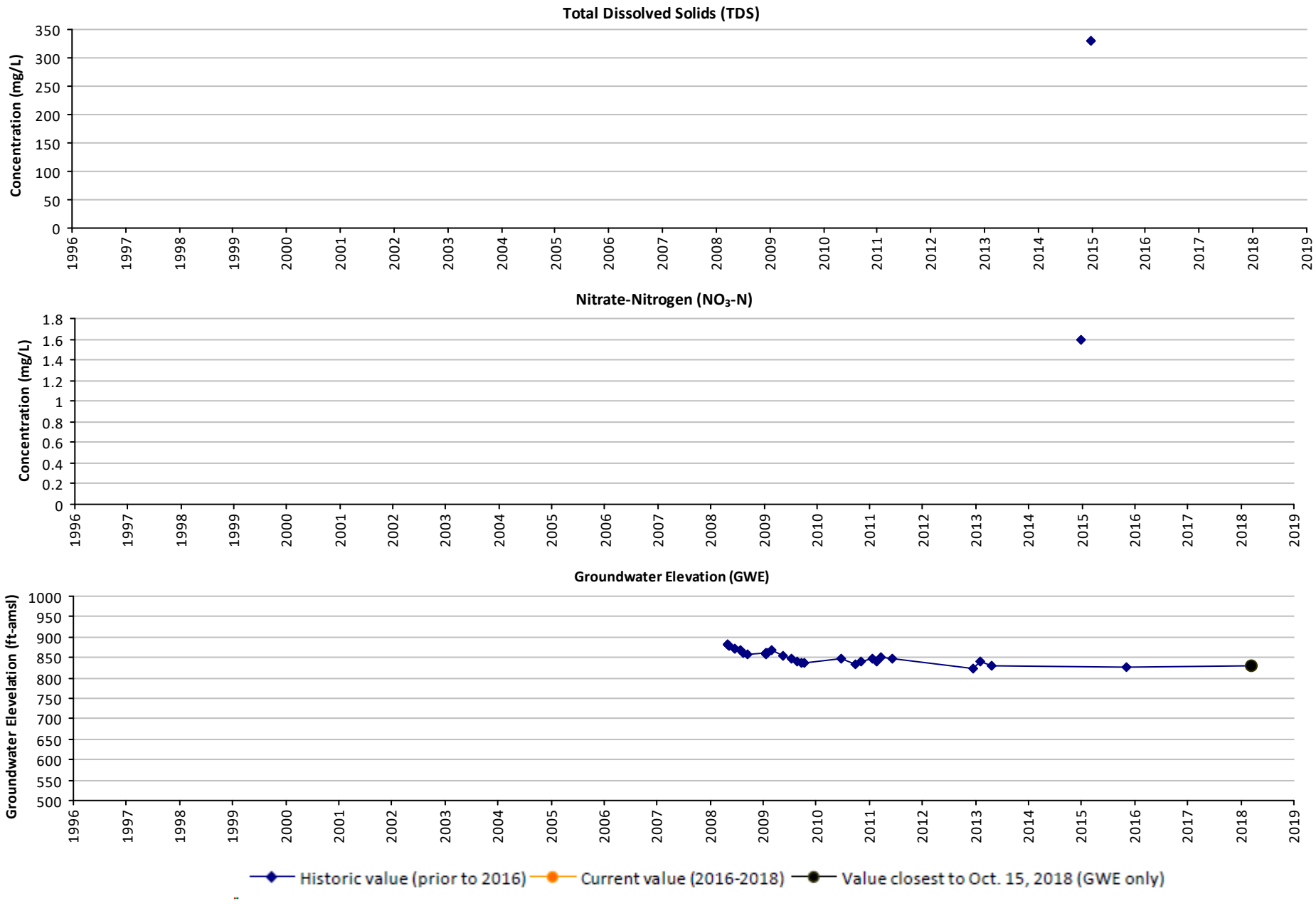

Total Dissolved Solids (TDS)
Concentration (mg/L)
820
800
780
760
740
720
700
680
660
640
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

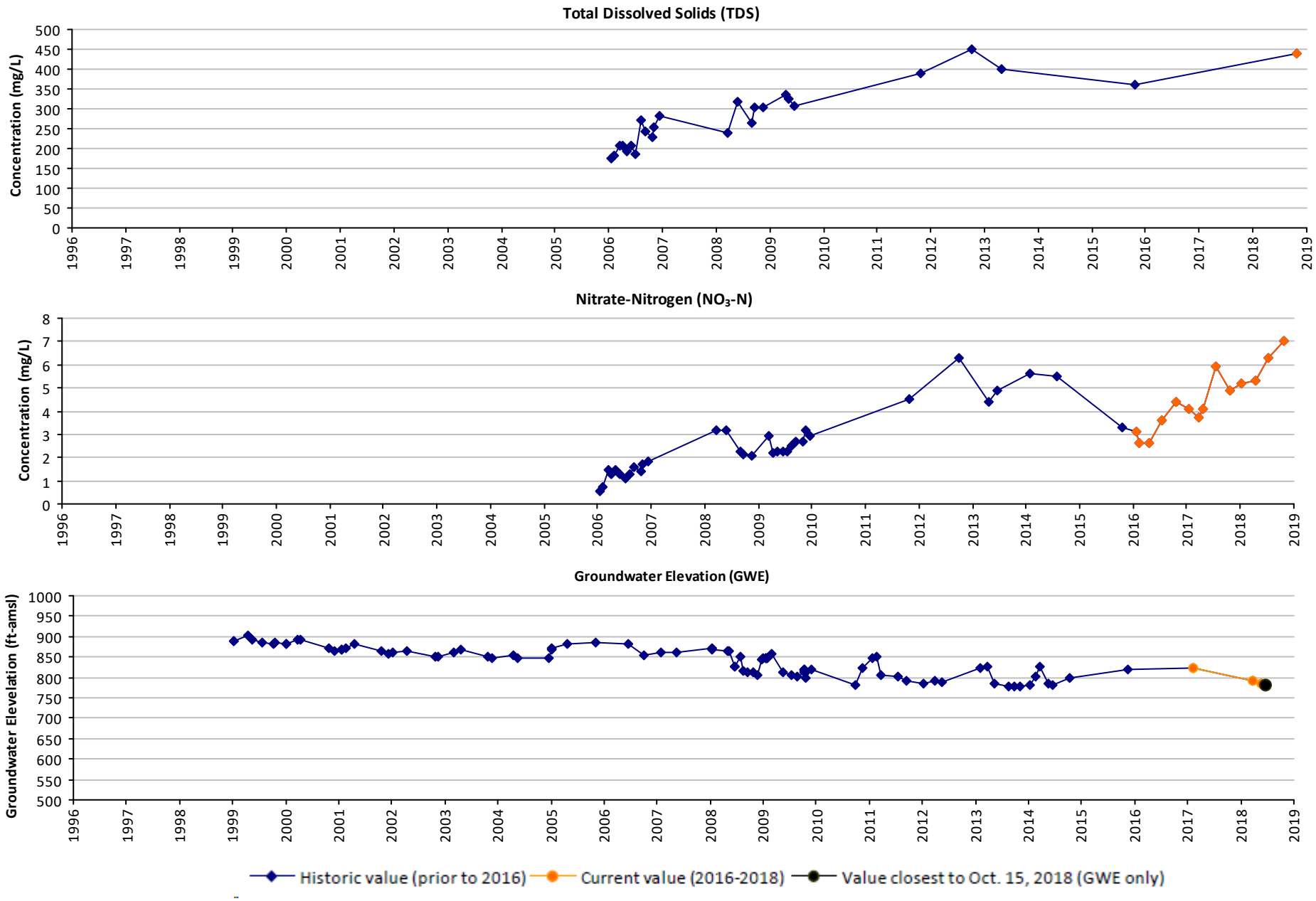

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
900
800
700
600
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

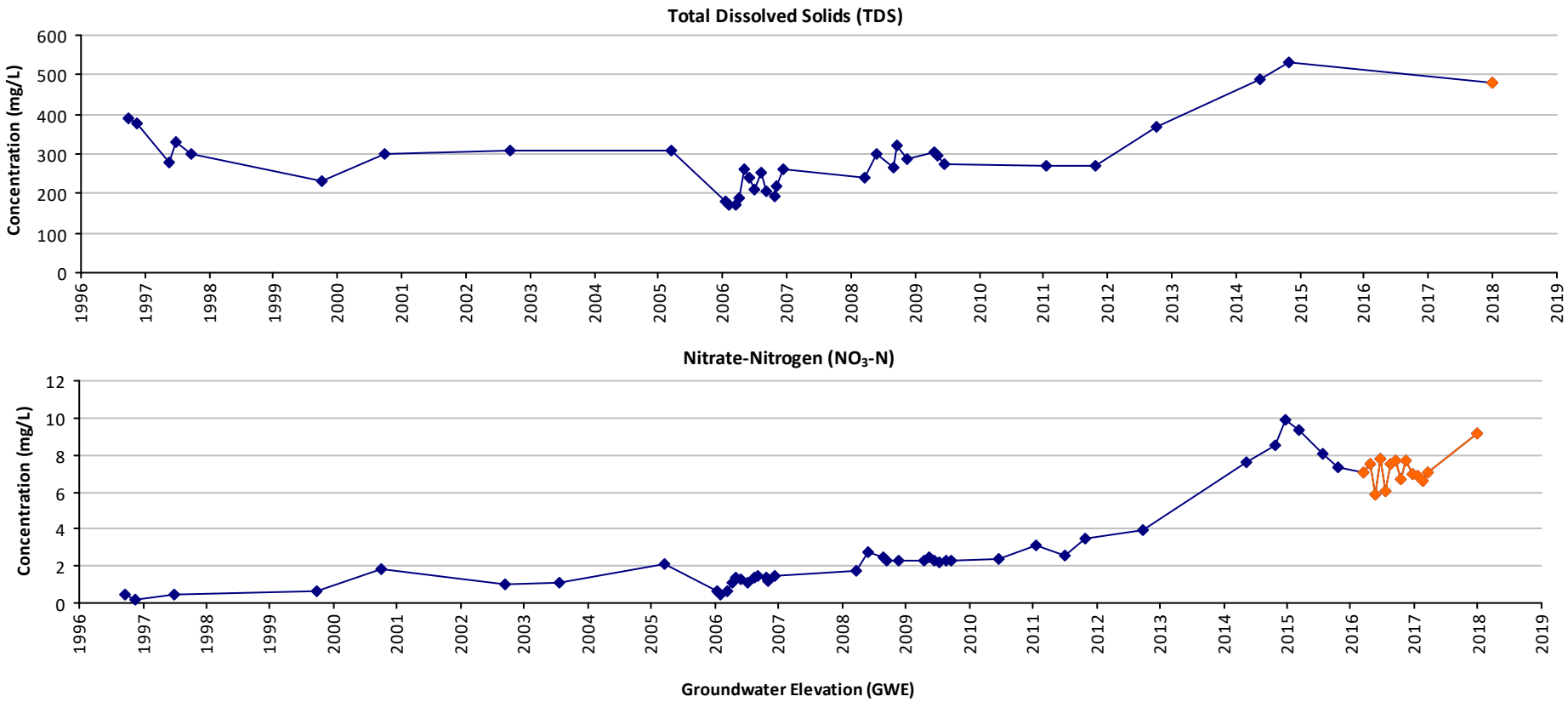

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

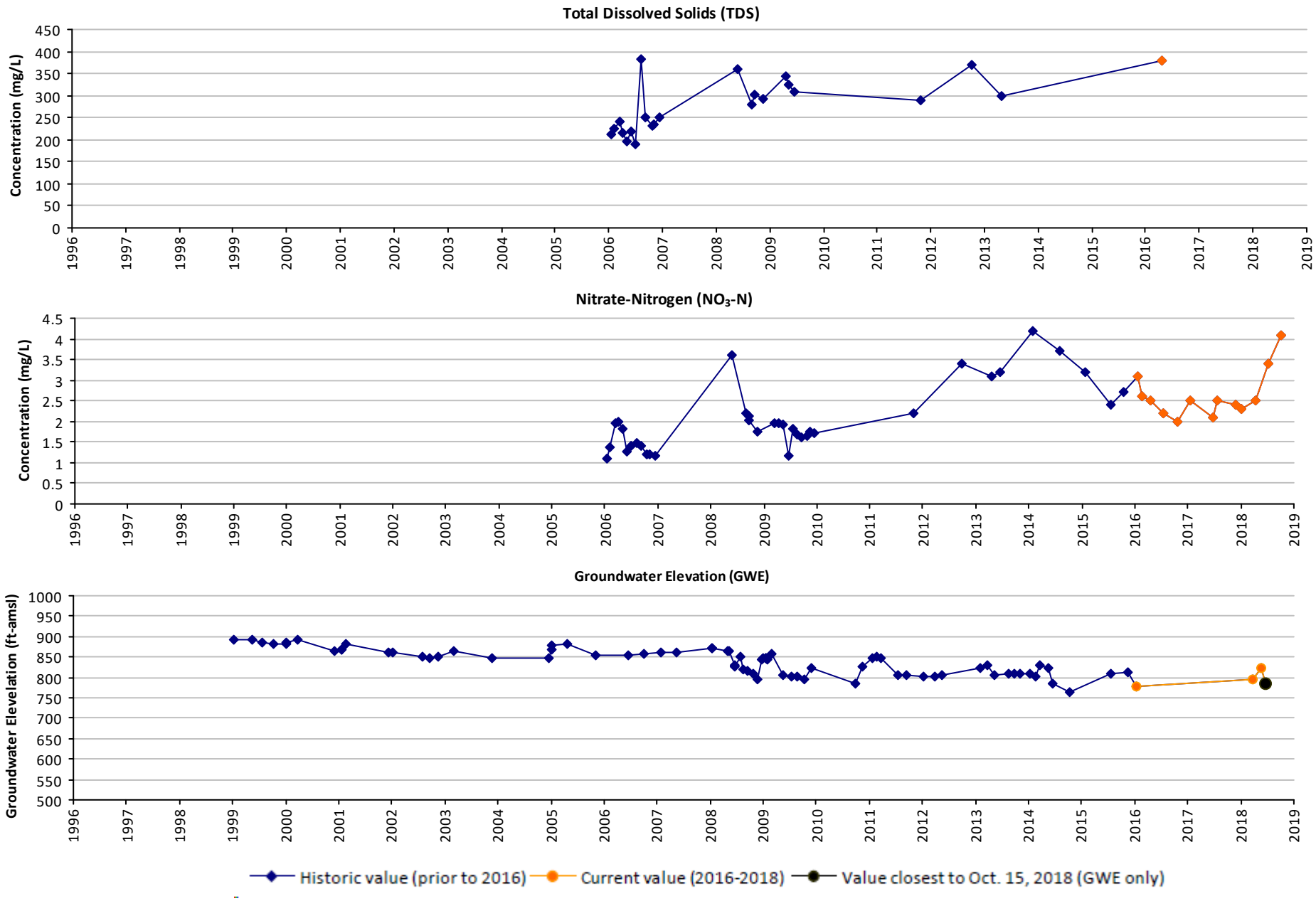

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

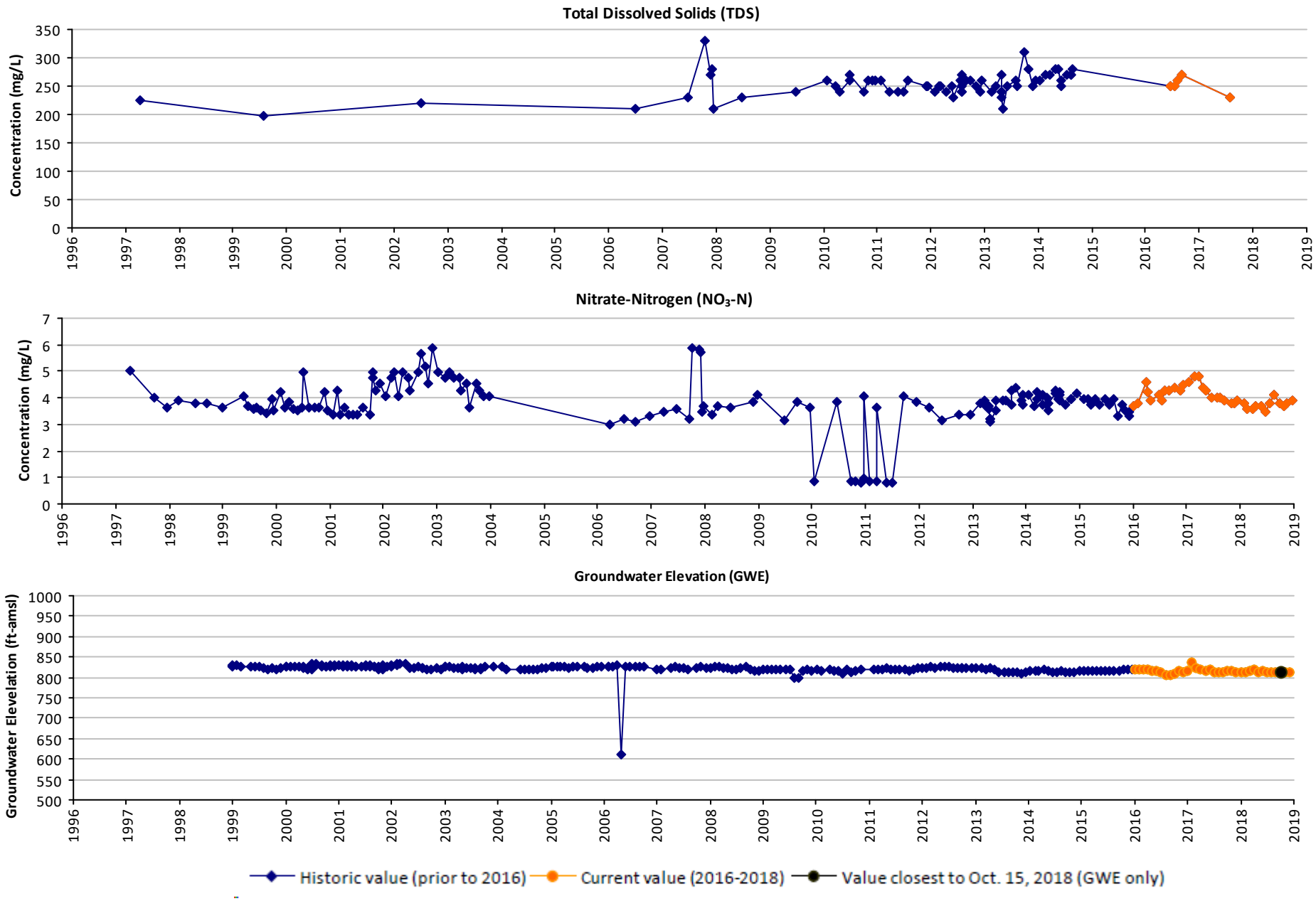

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

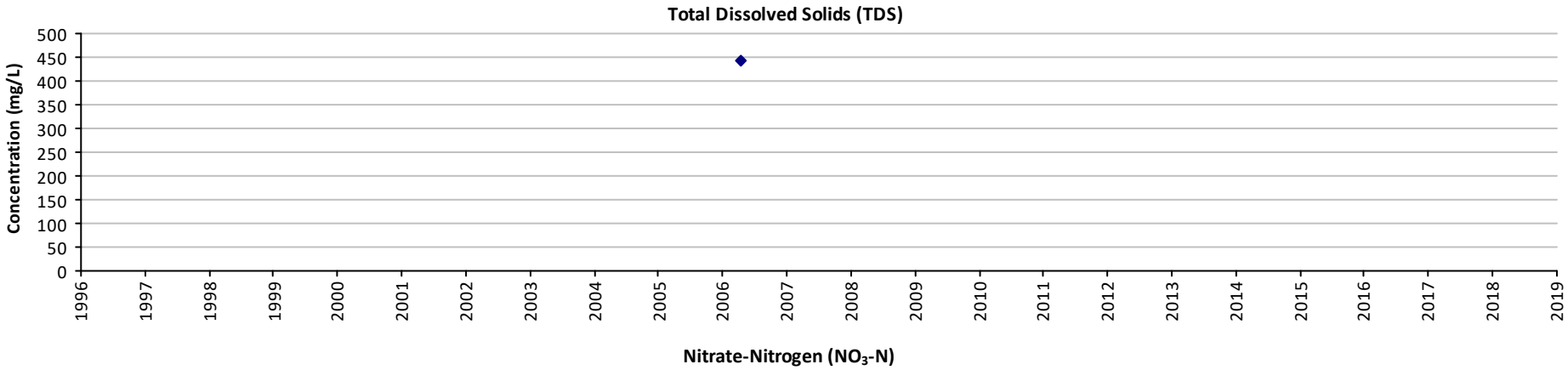

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

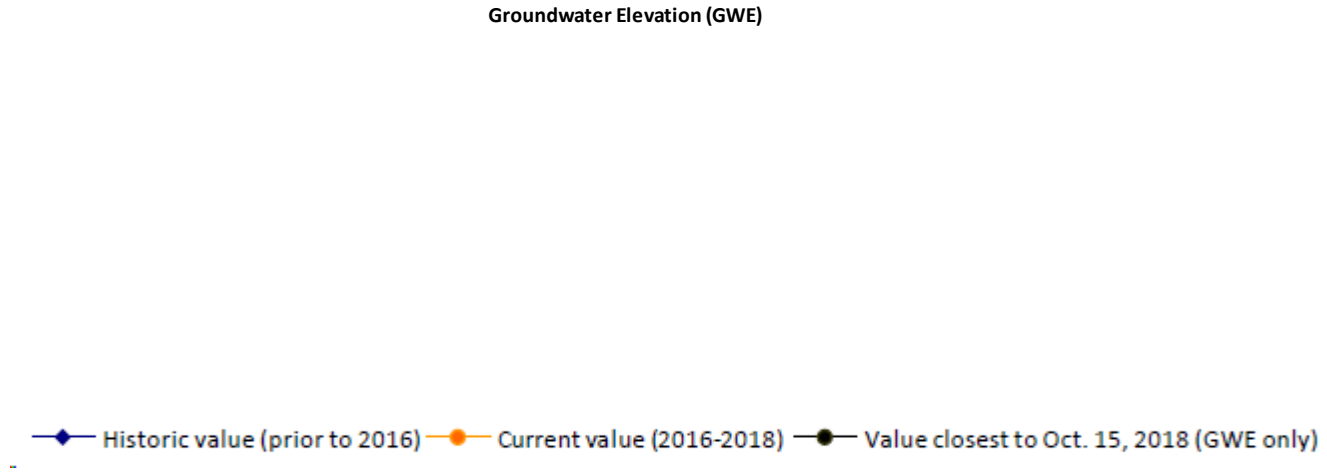

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

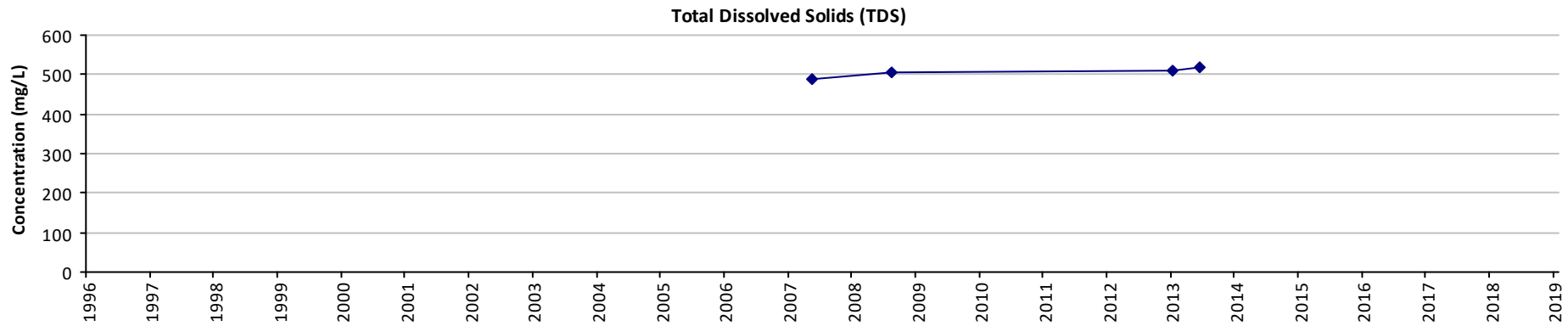

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

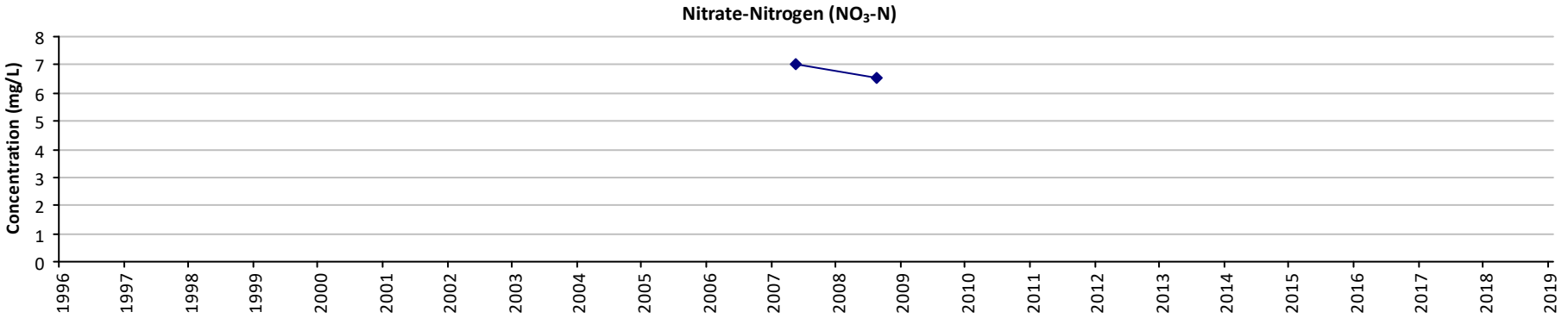
Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

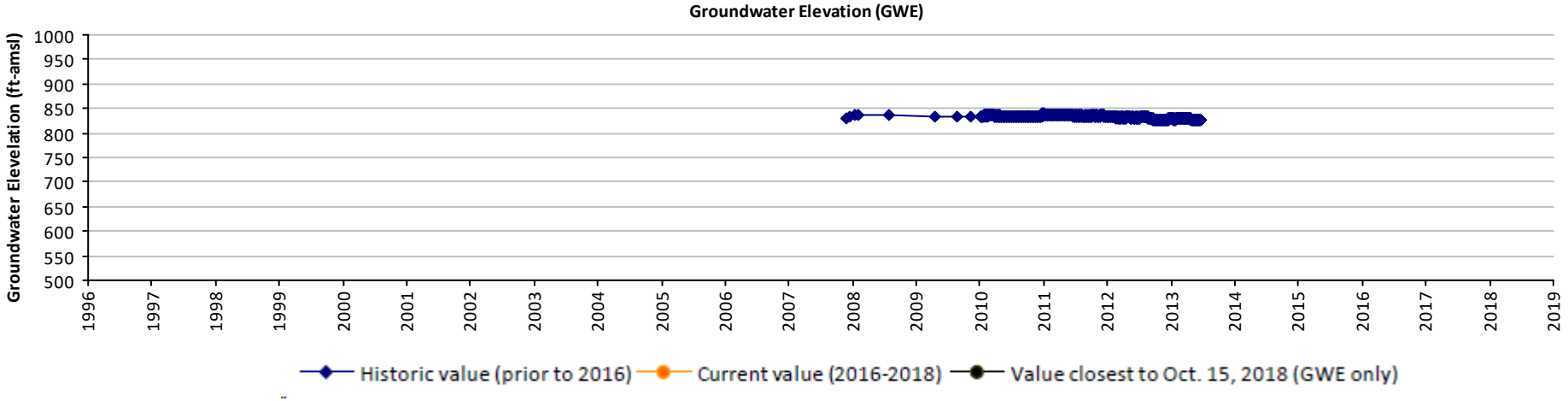

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

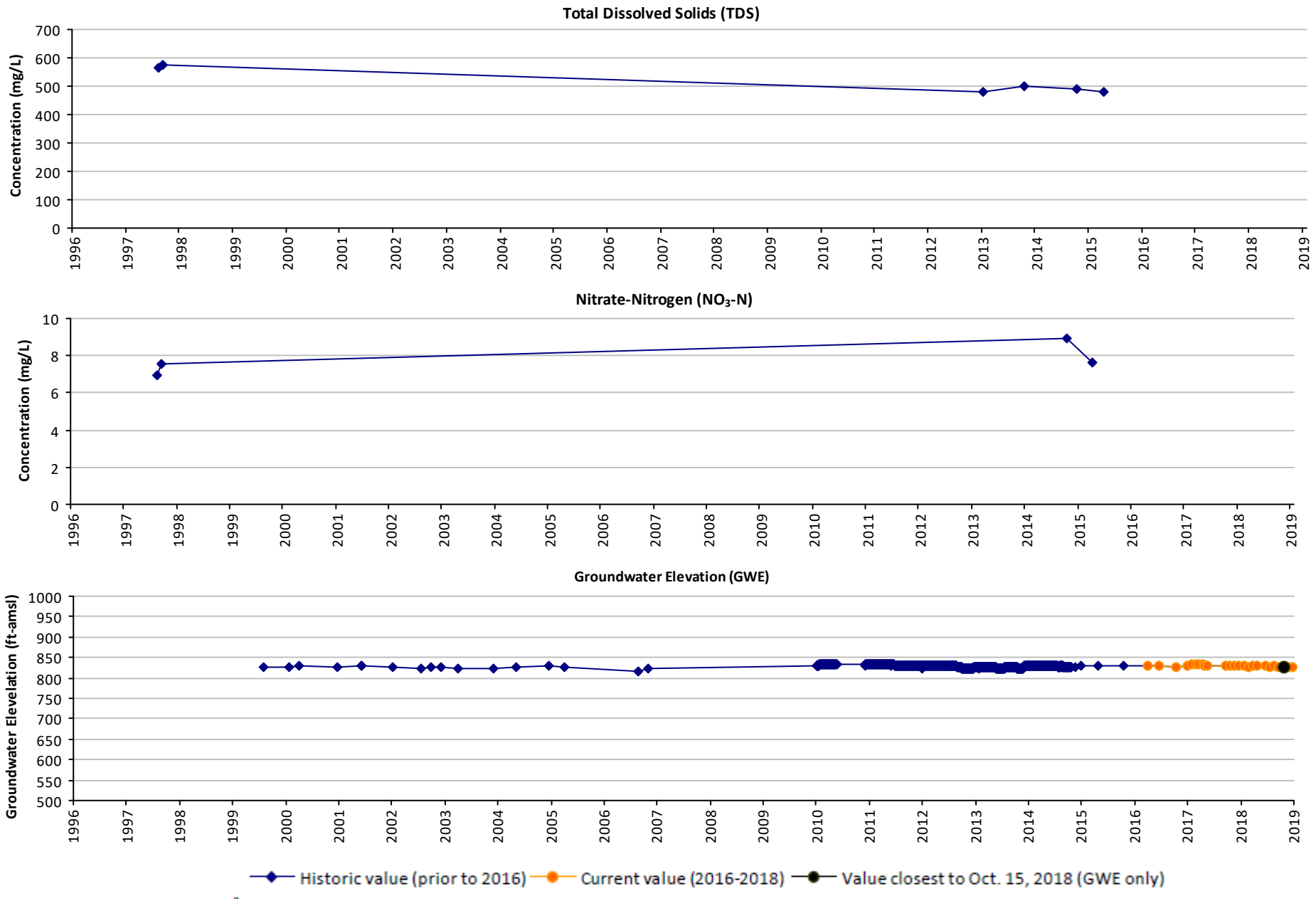

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

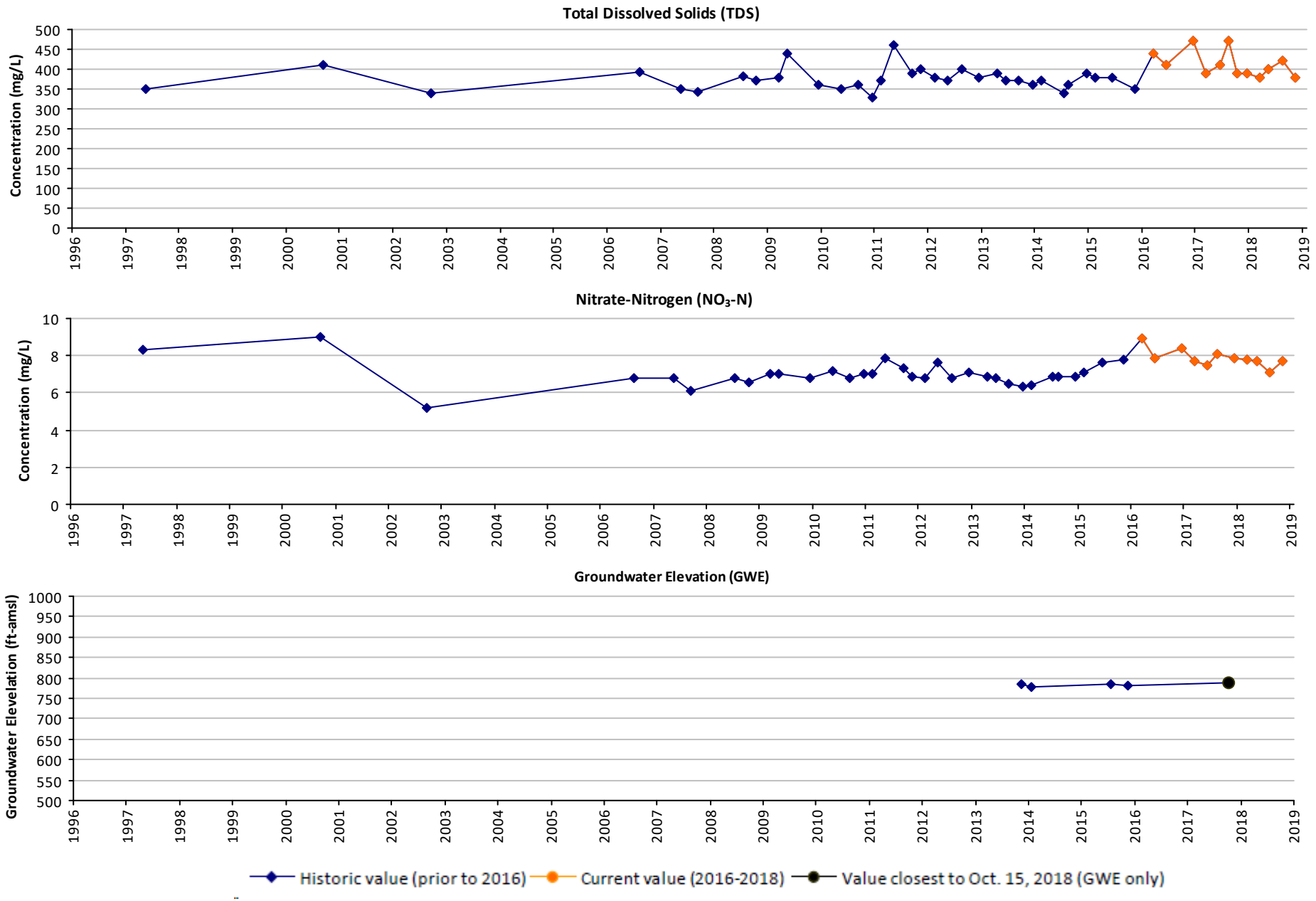

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

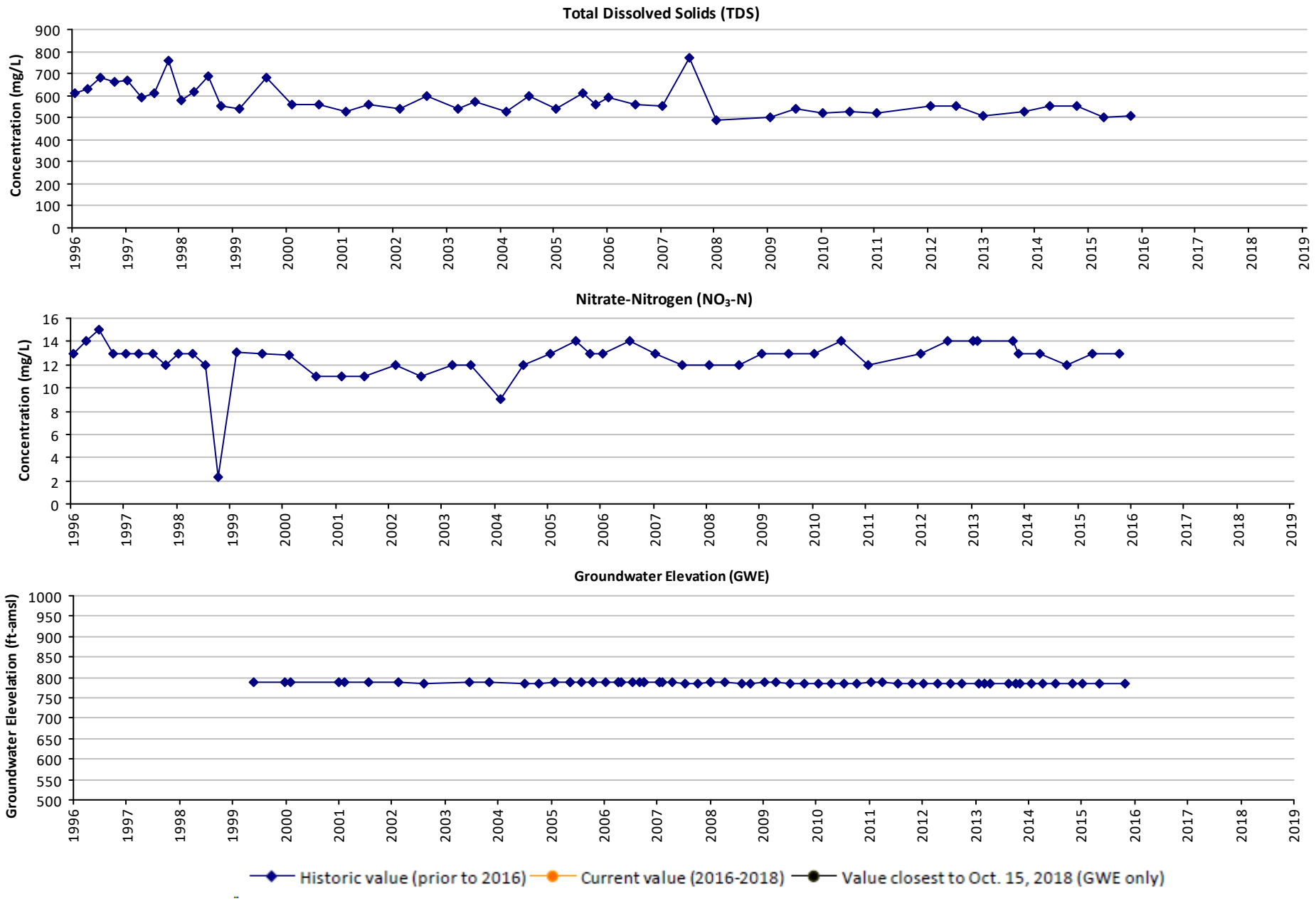

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

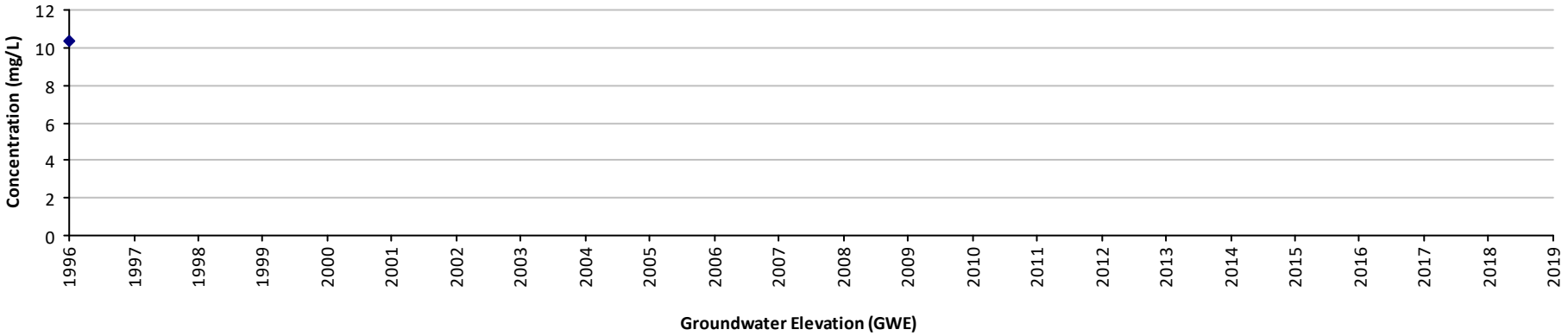

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

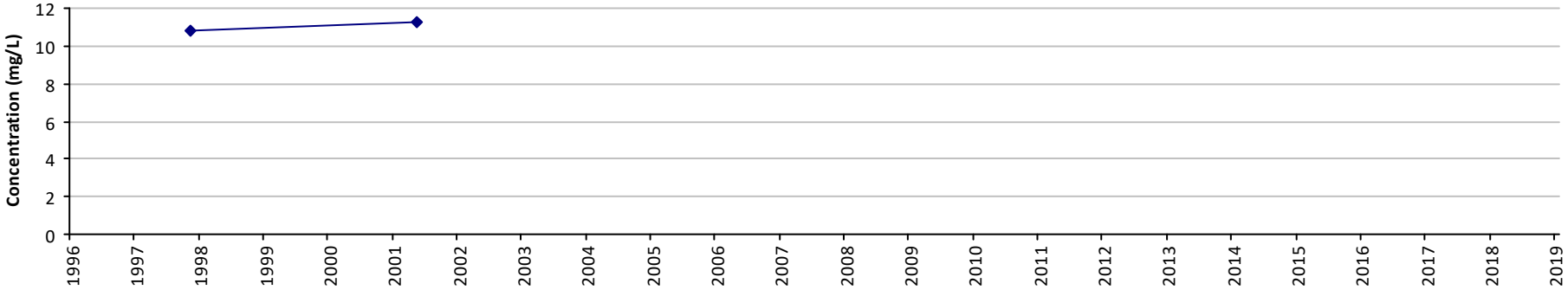
Nitrate-Nitrogen (NO_3-N)



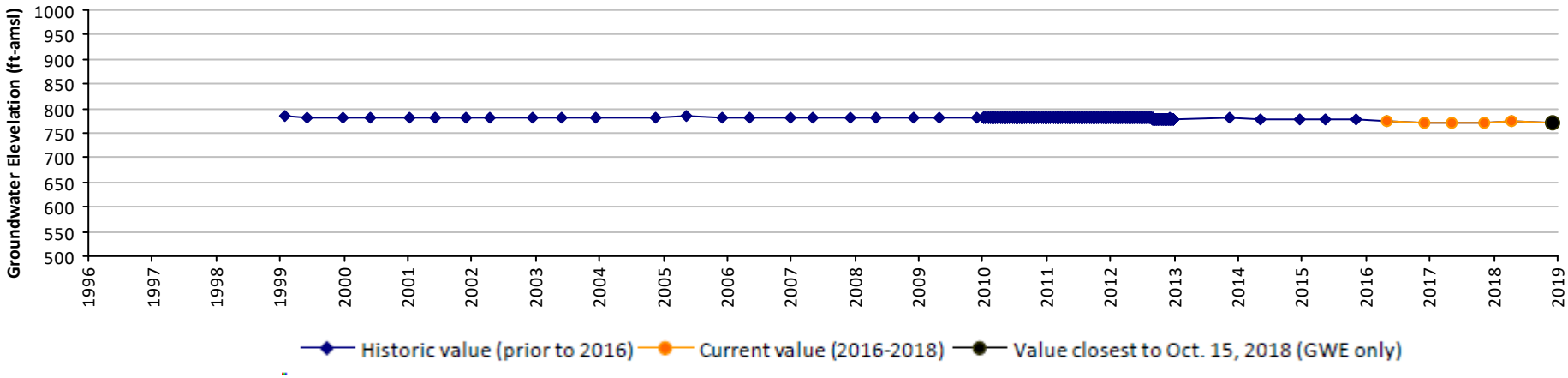
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

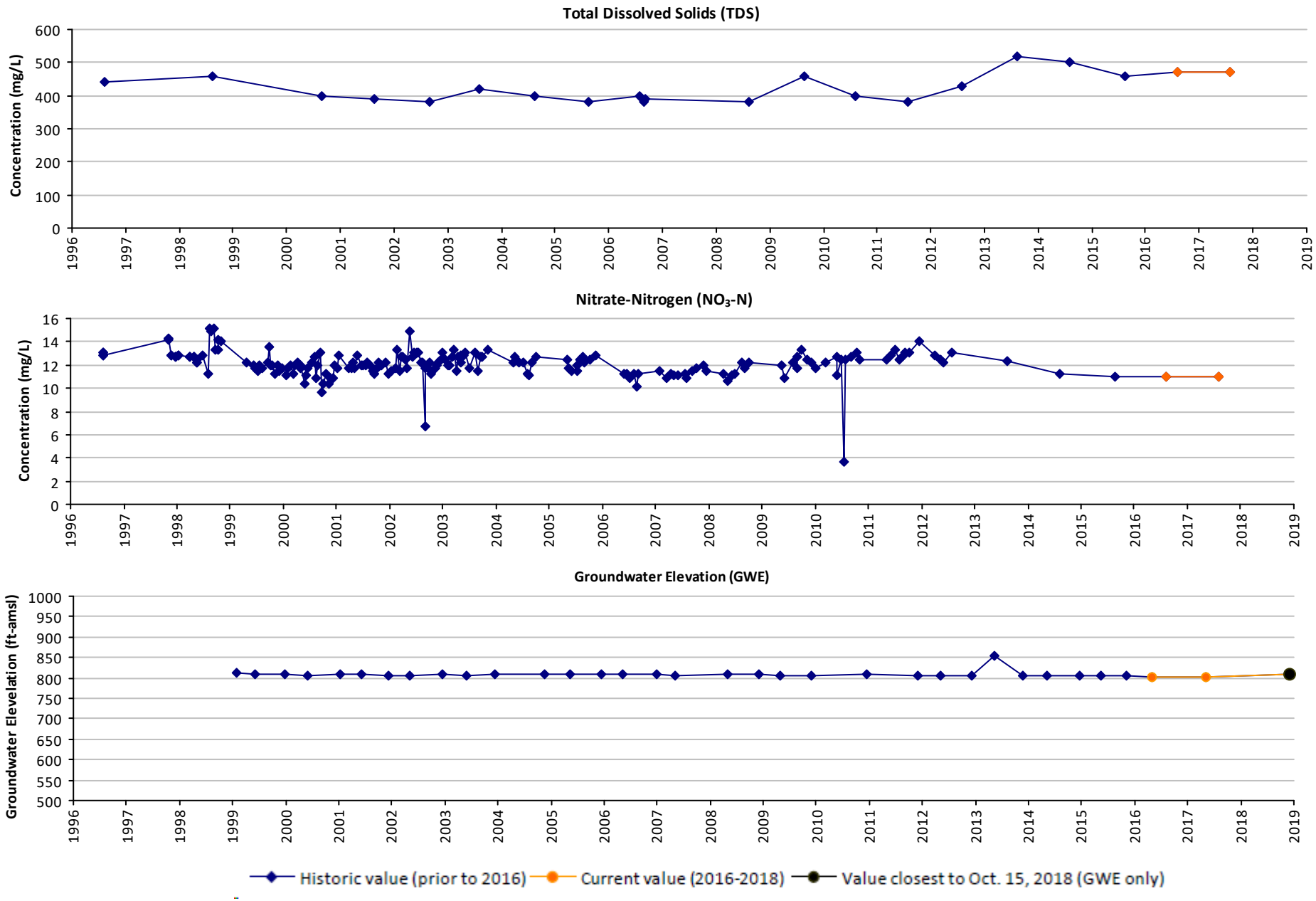
Total Dissolved Solids (TDS)

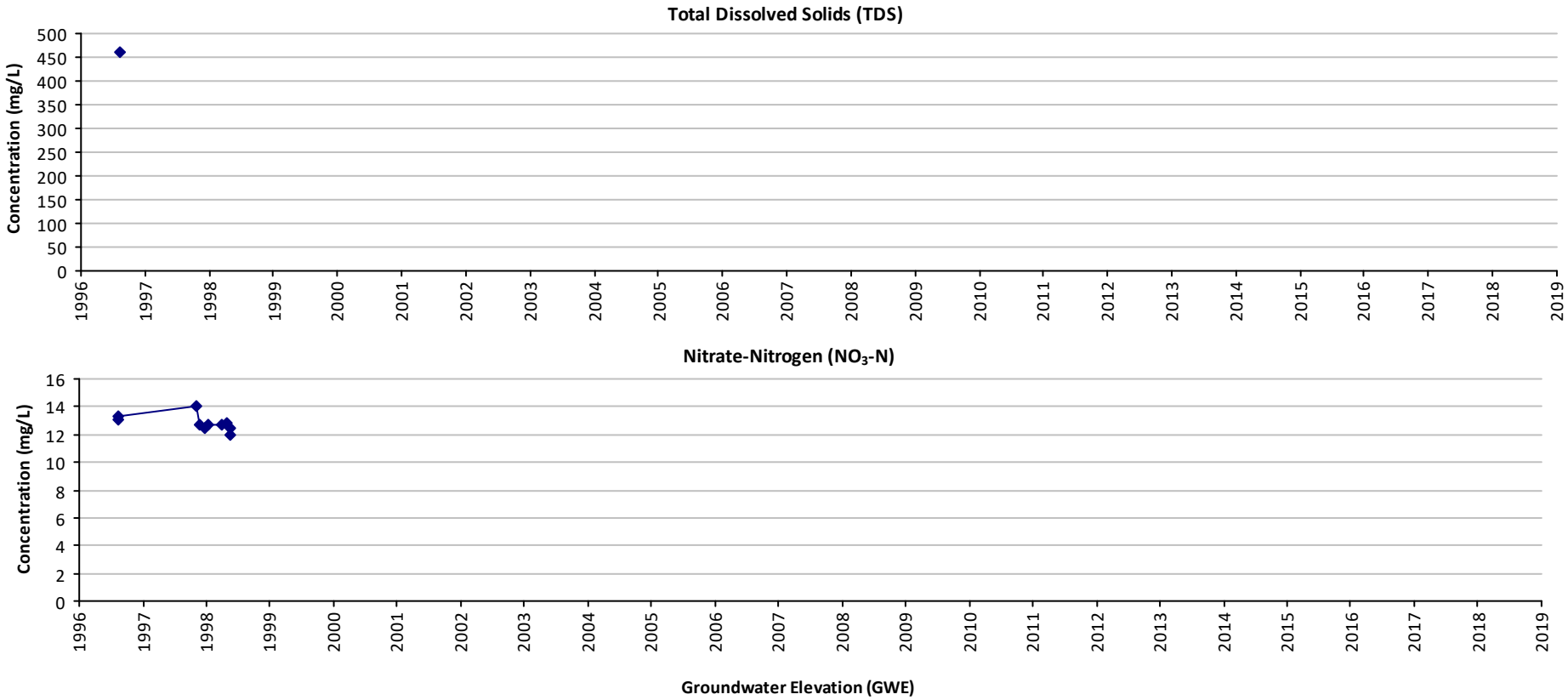
Nitrate-Nitrogen (NO_3-N)

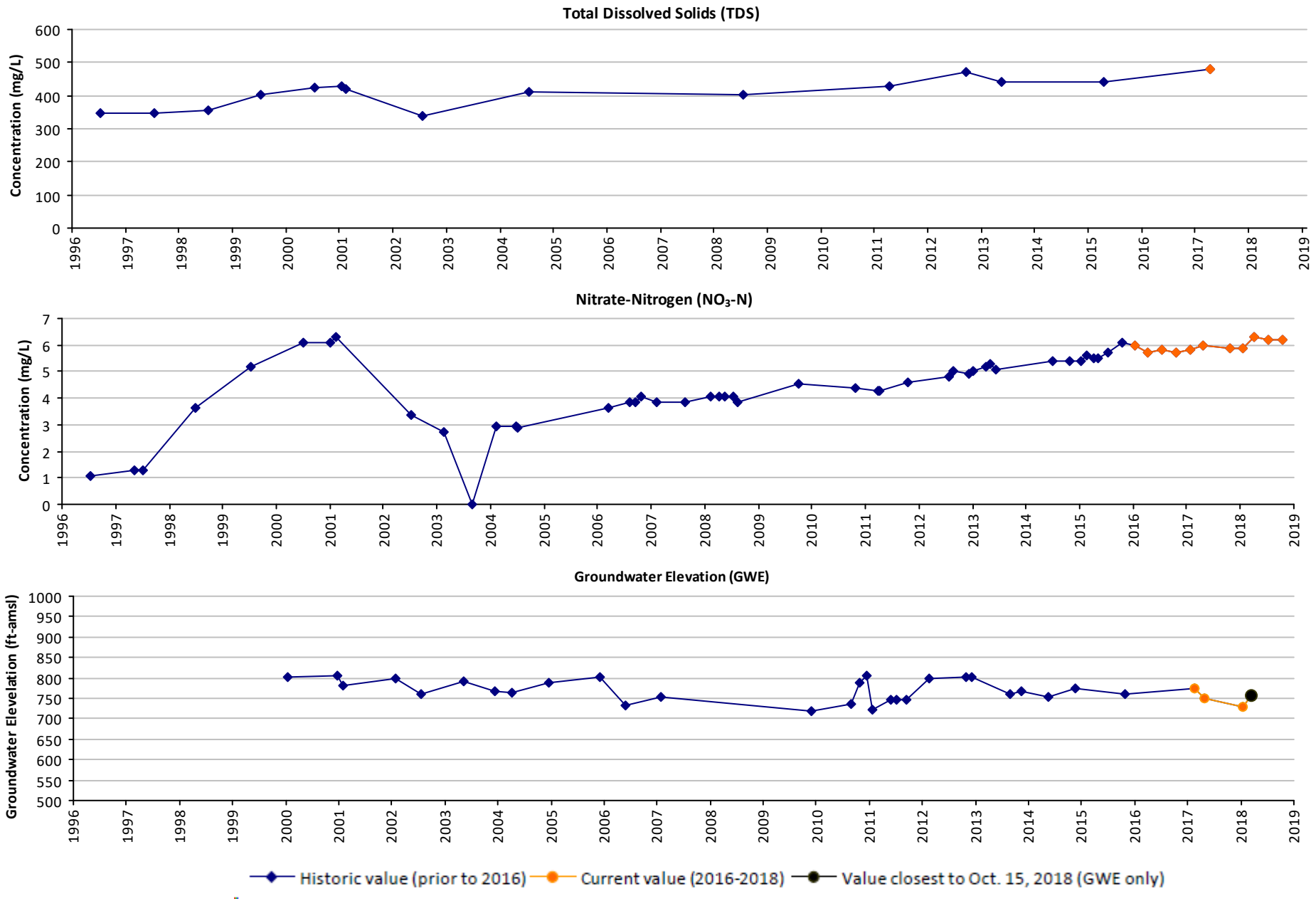


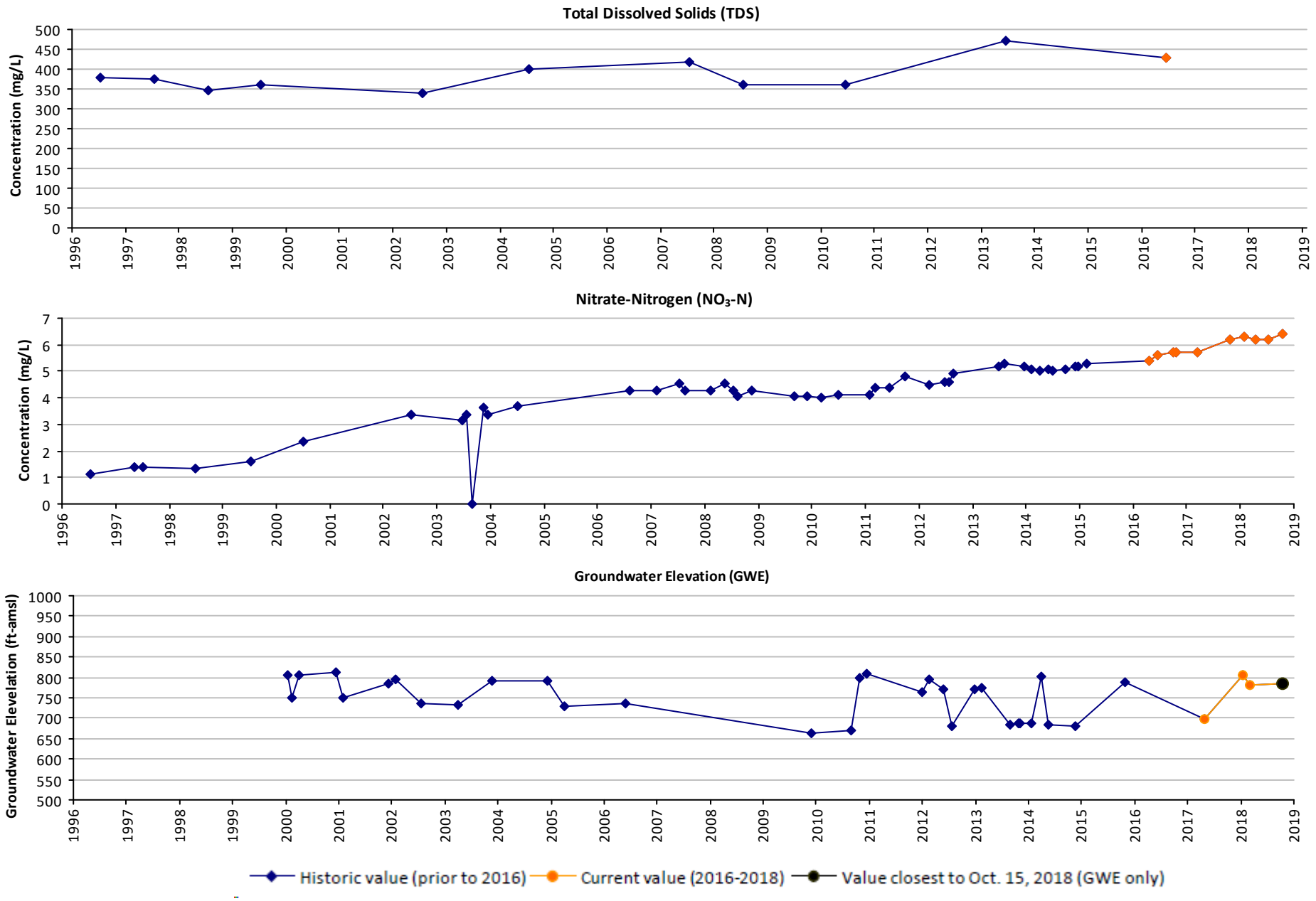
Groundwater Elevation (GWE)

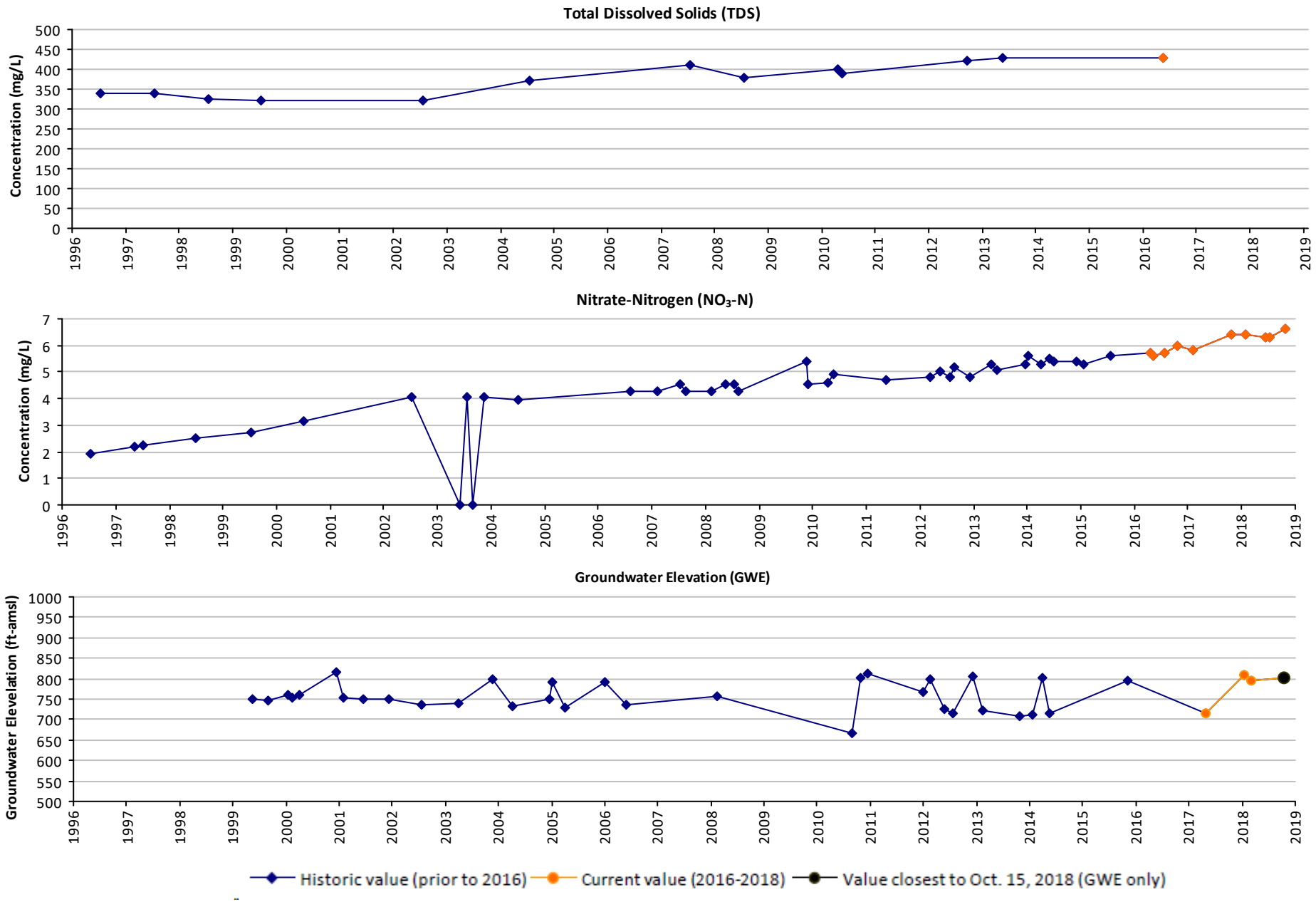


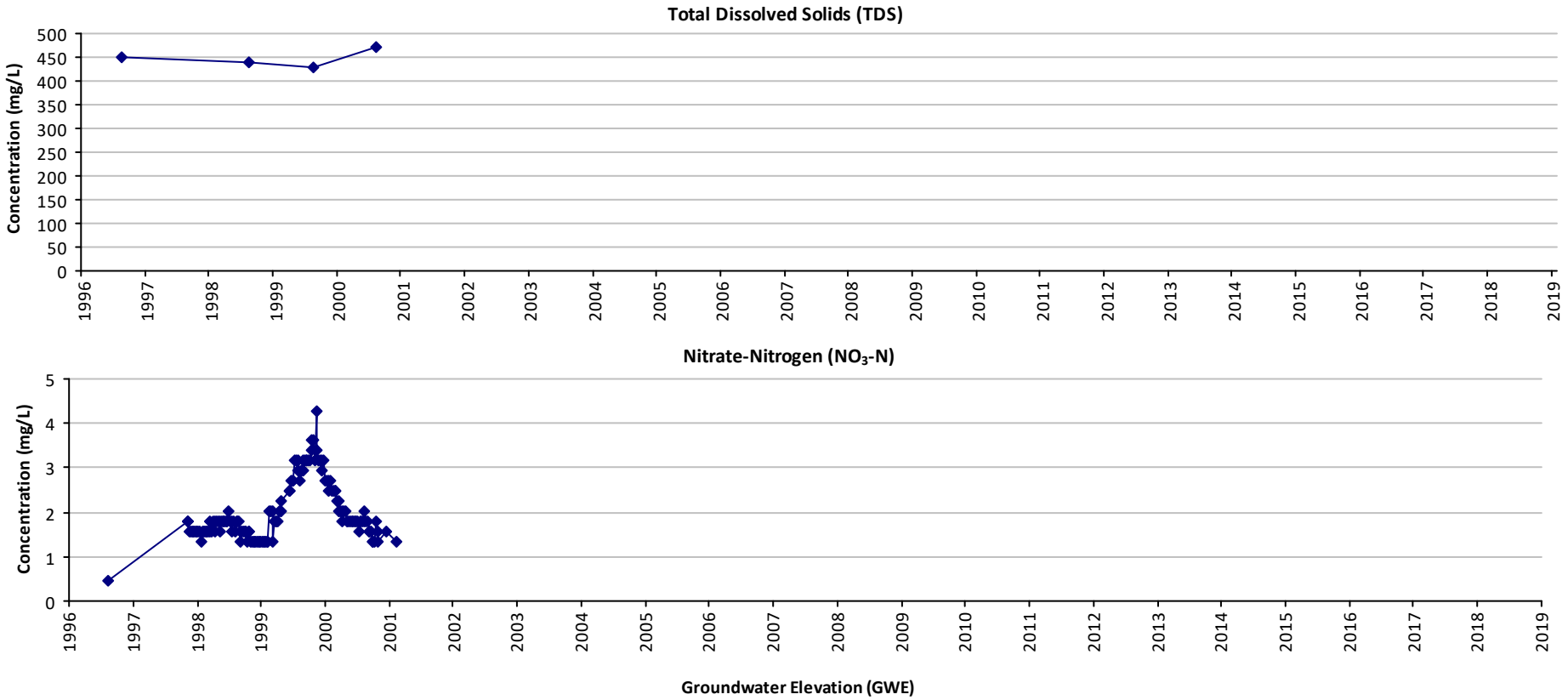

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

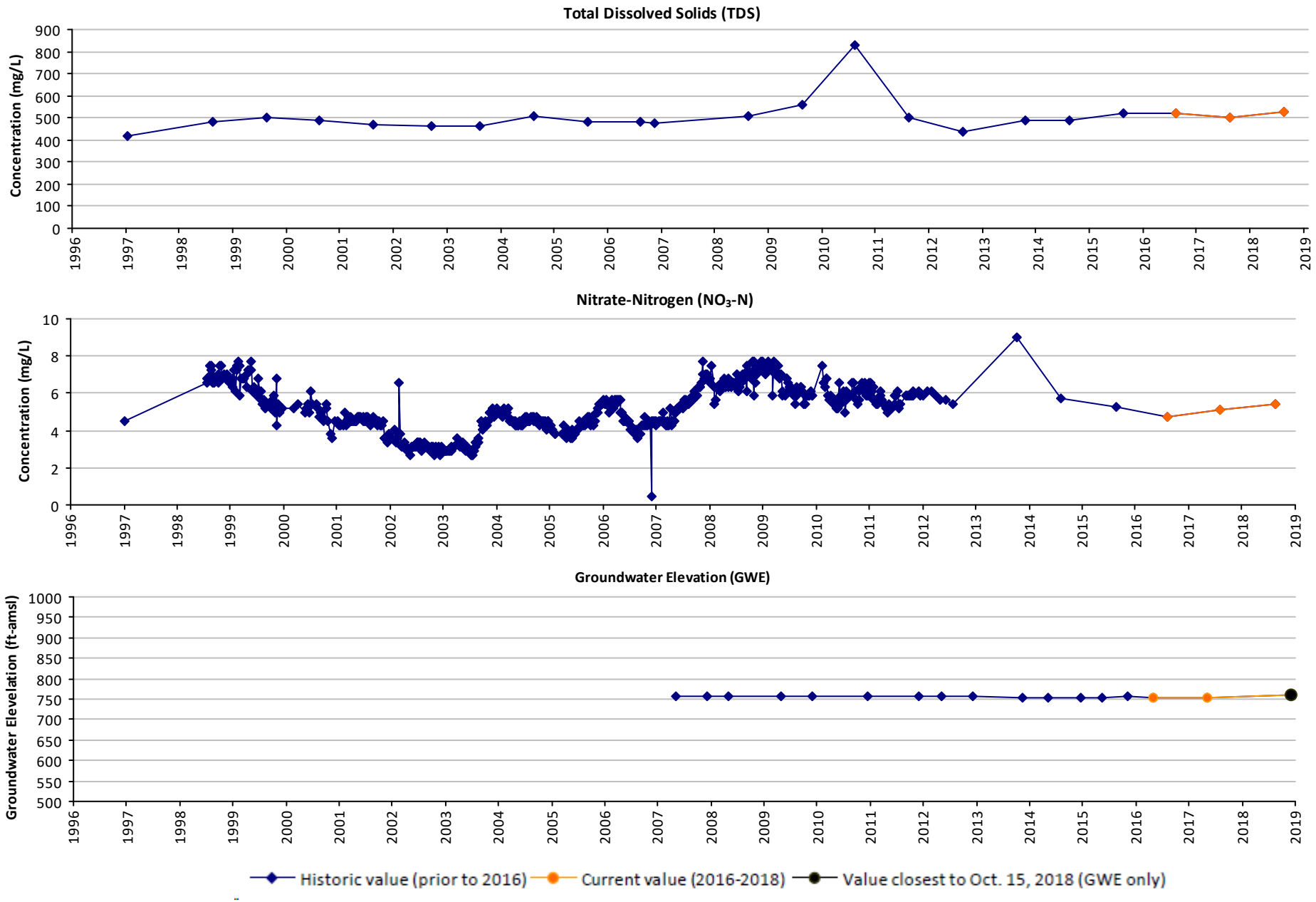

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

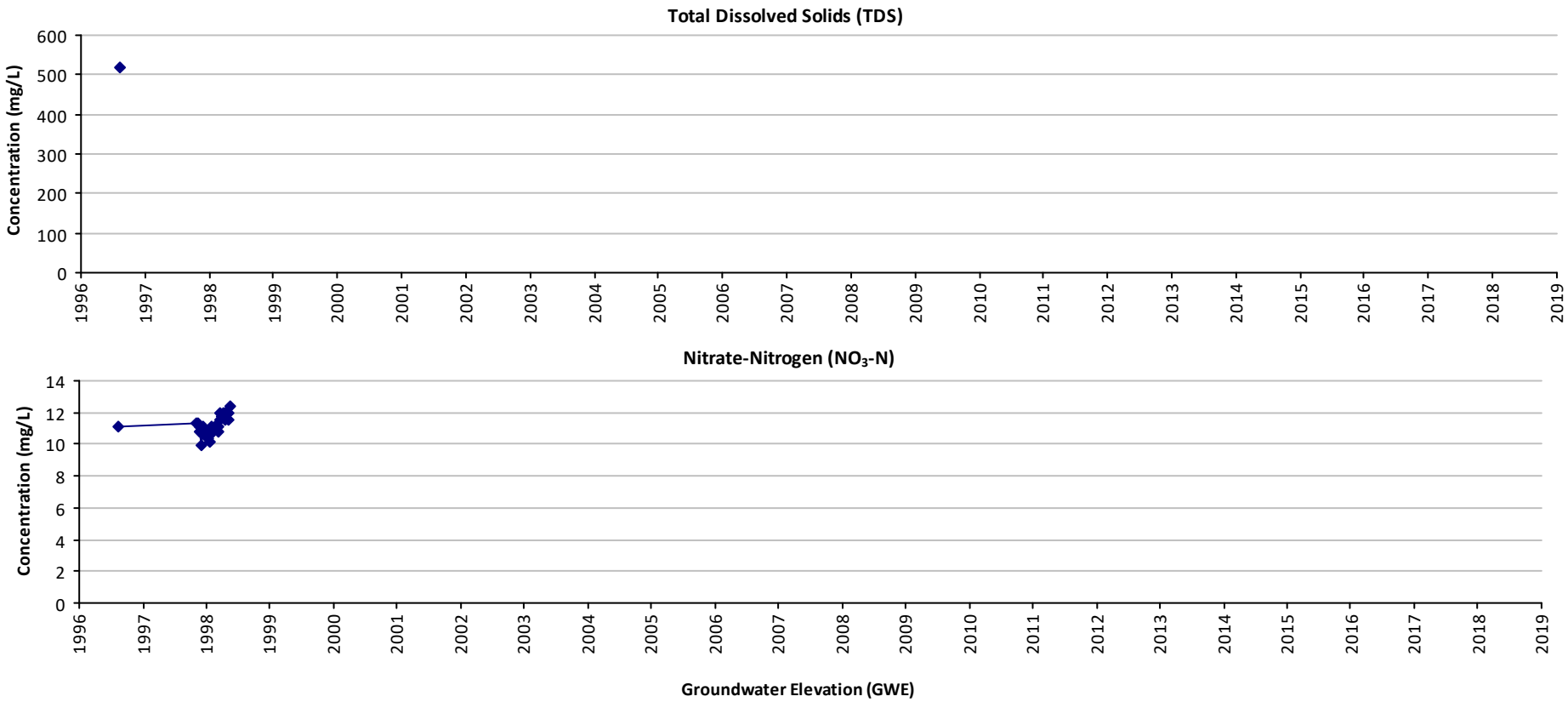

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

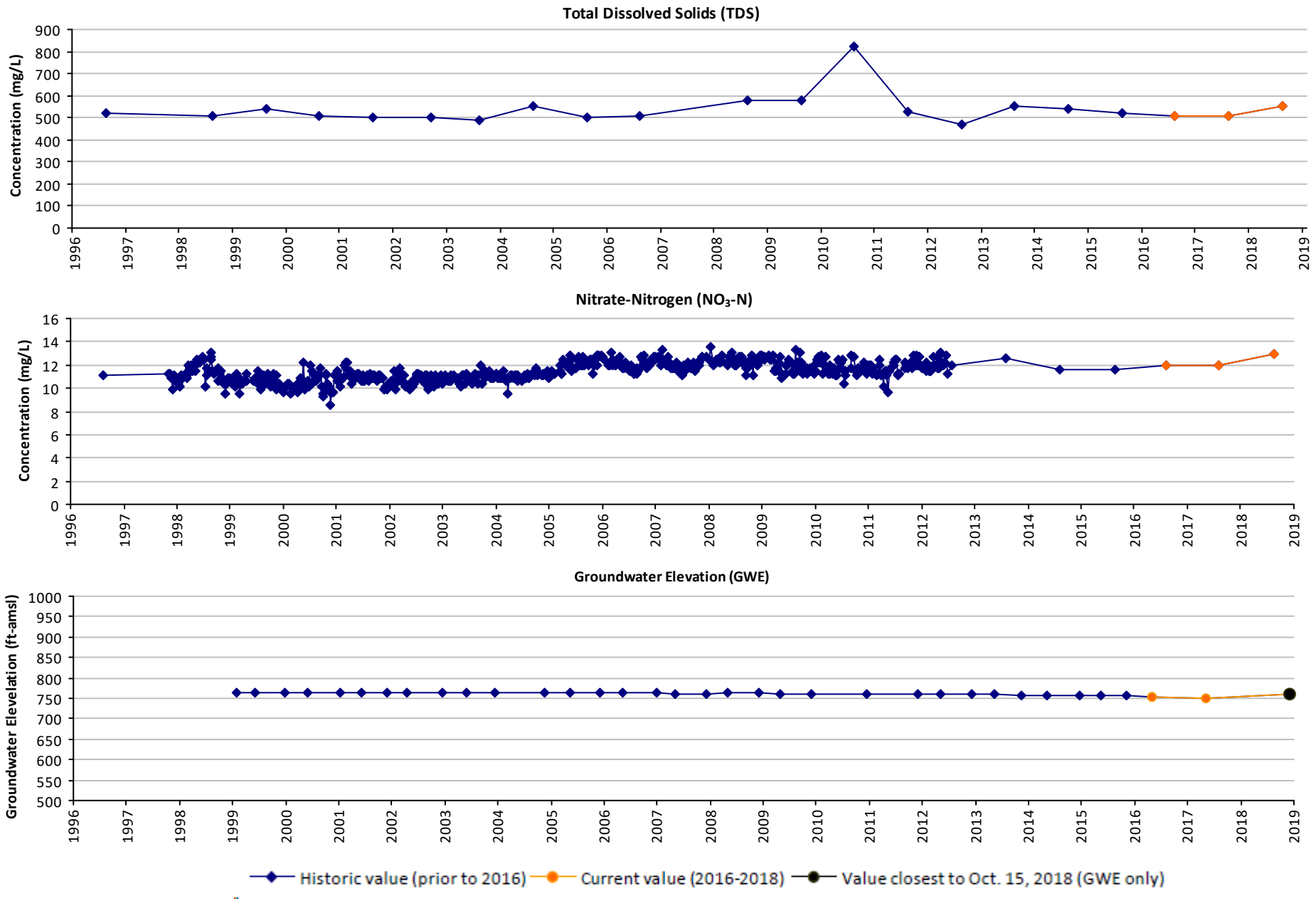

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

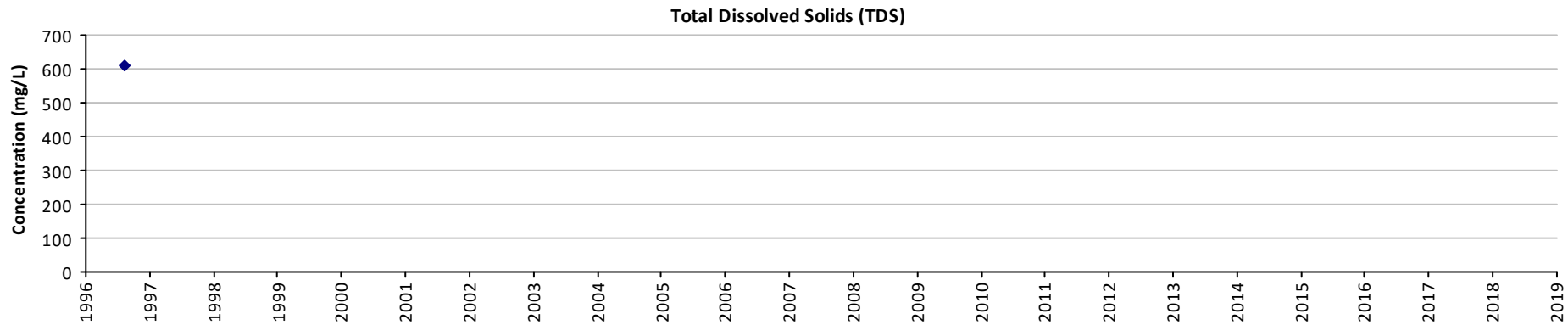

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2012
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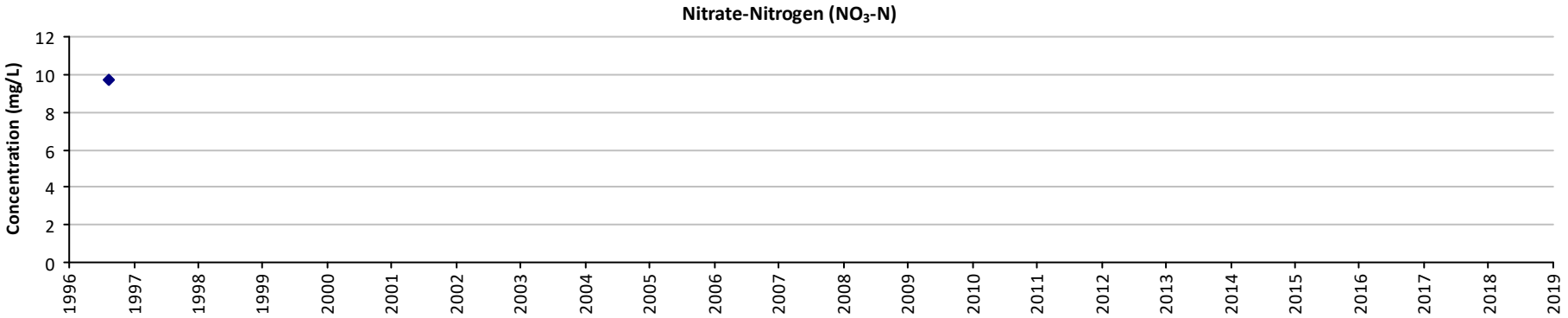
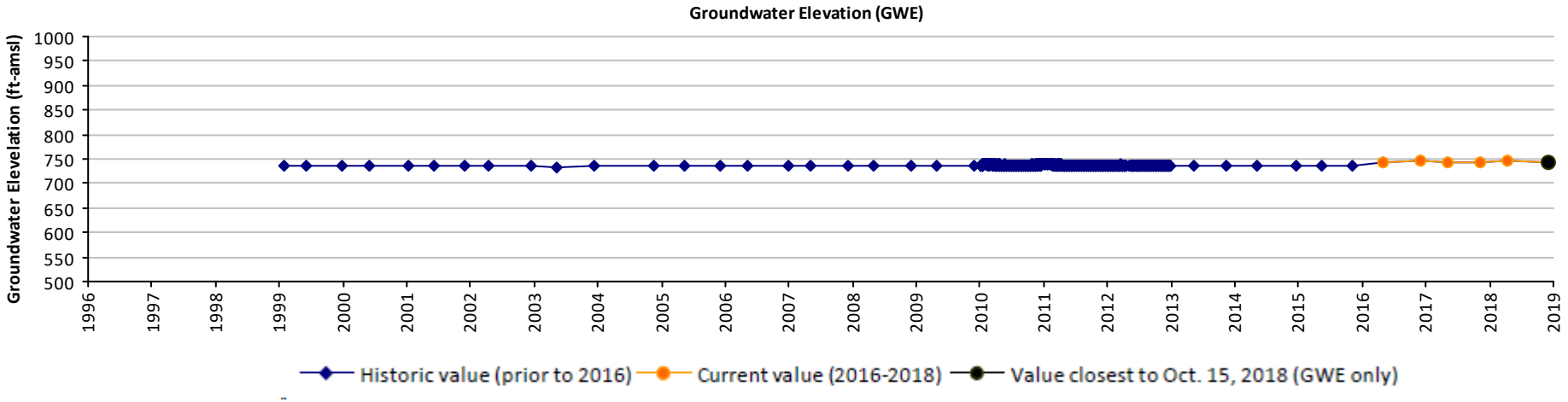
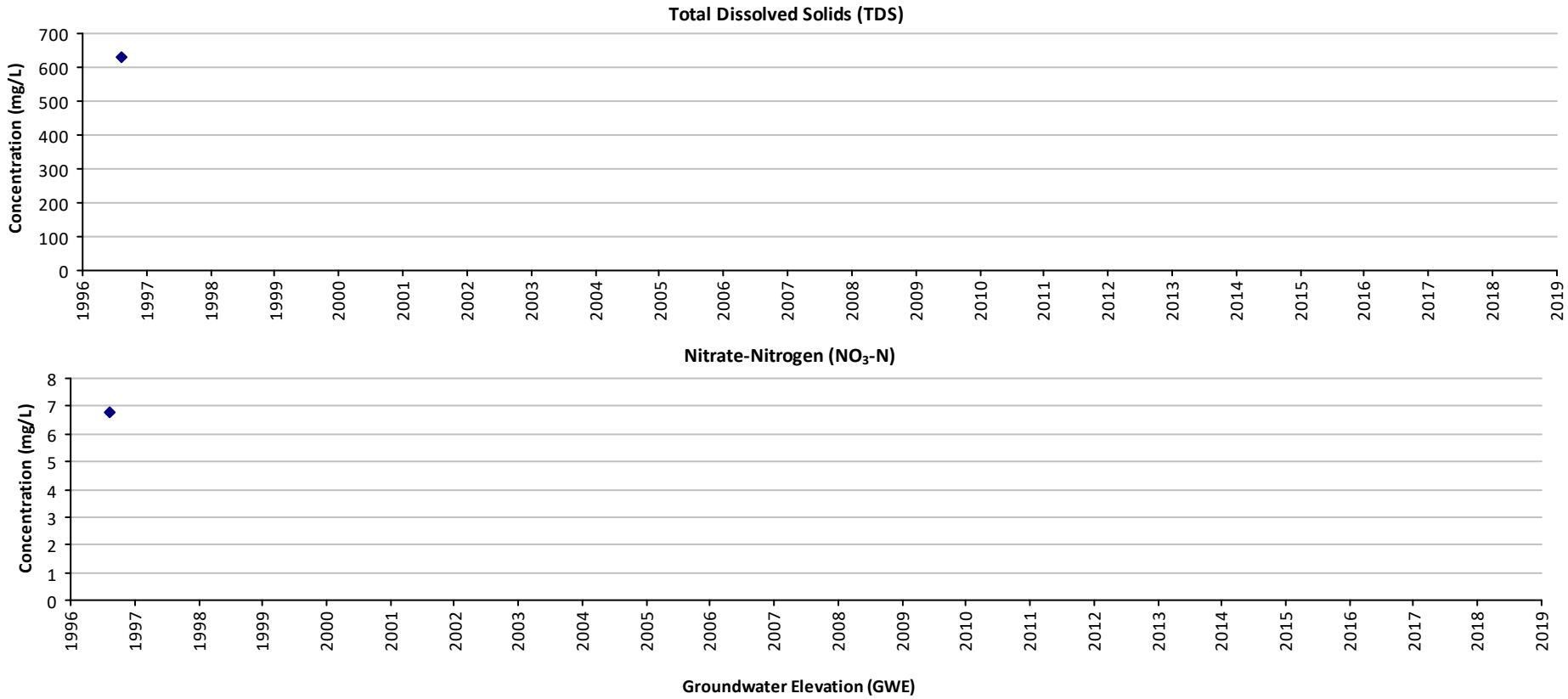
2014
2015
2016
2017
2018
2019

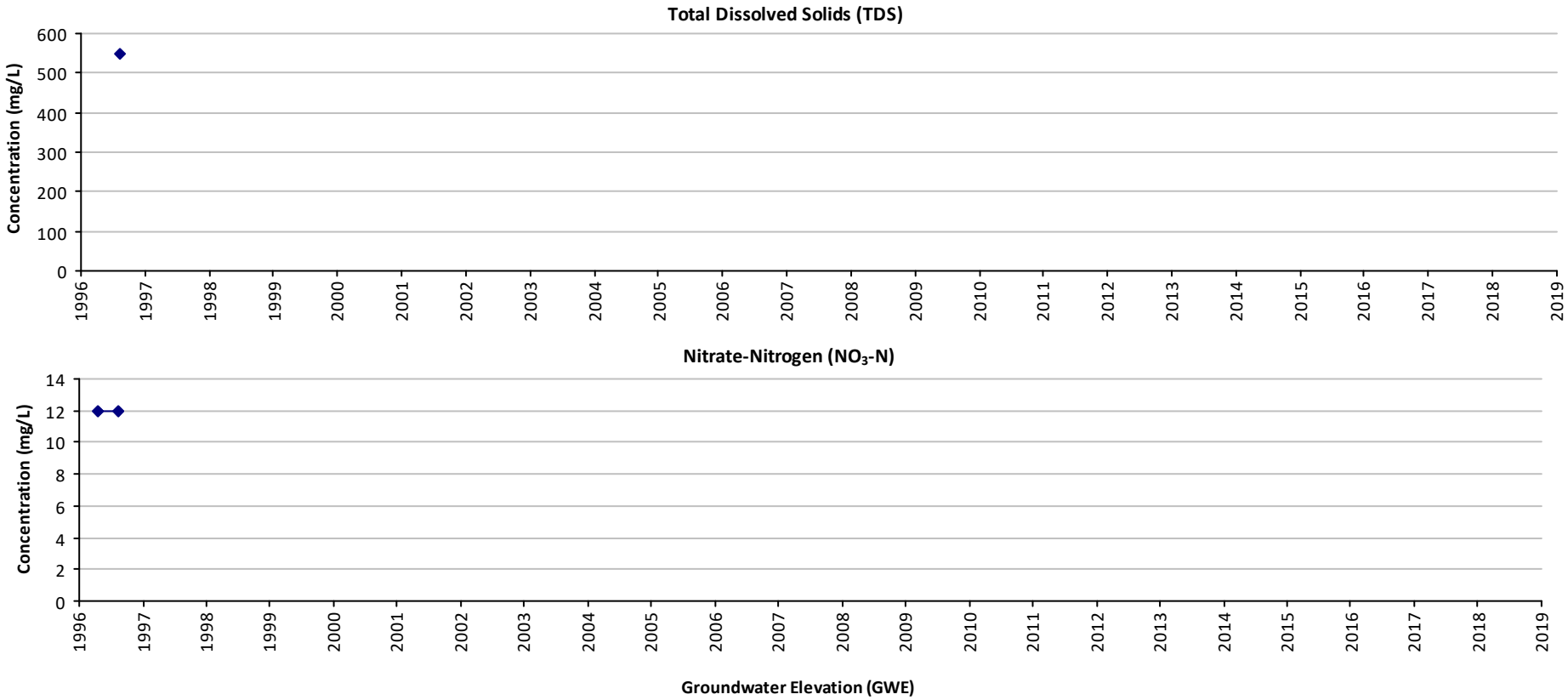

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

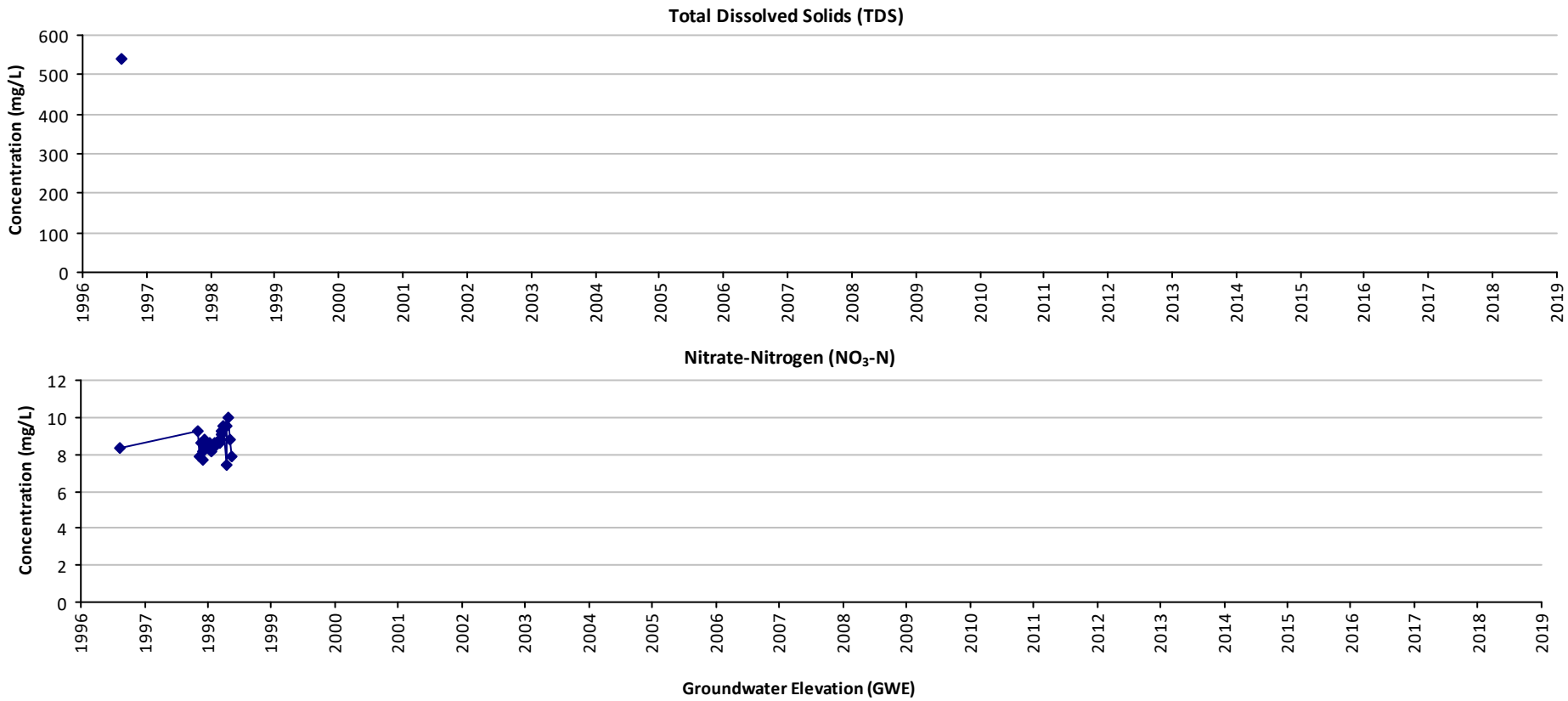

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

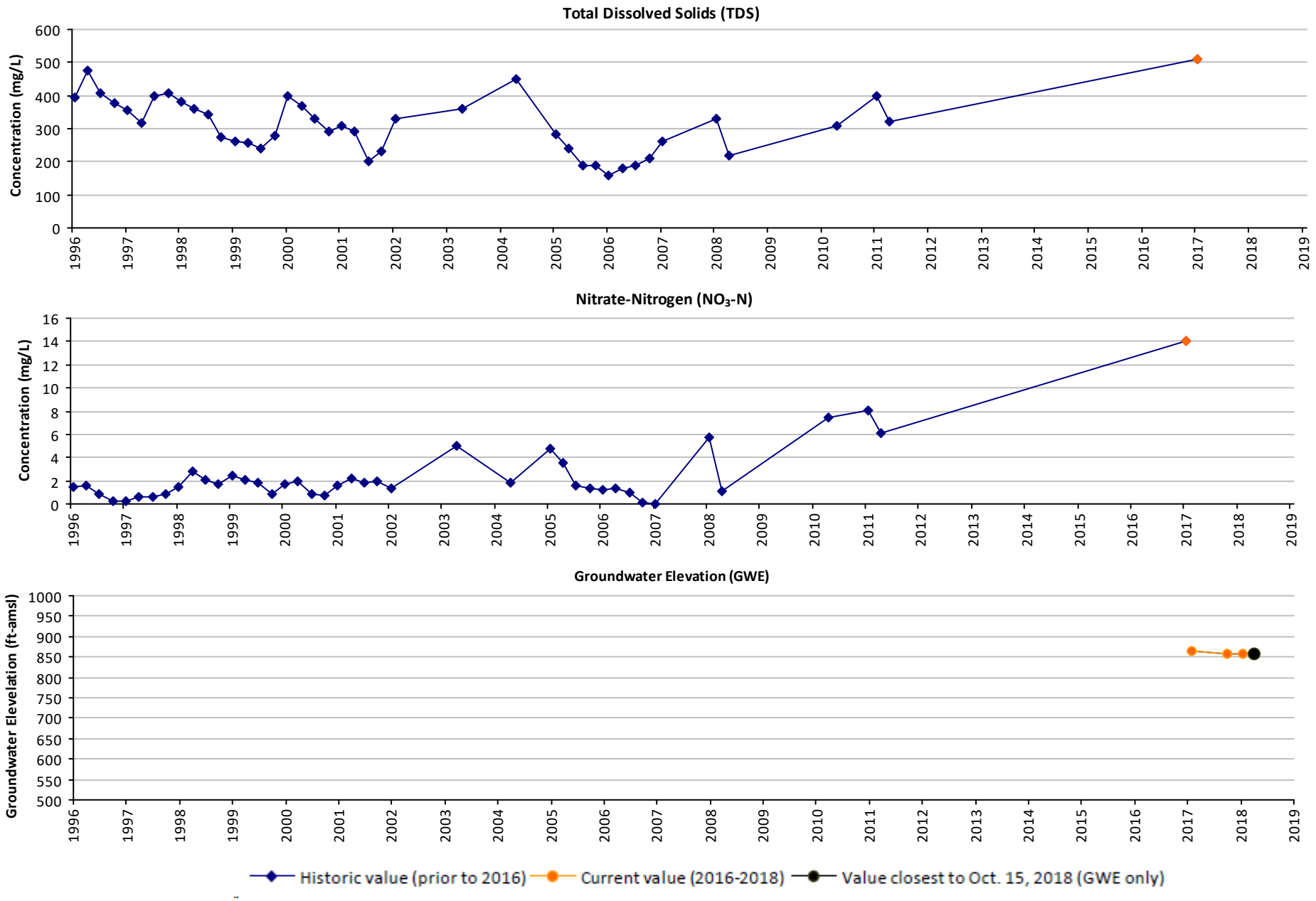


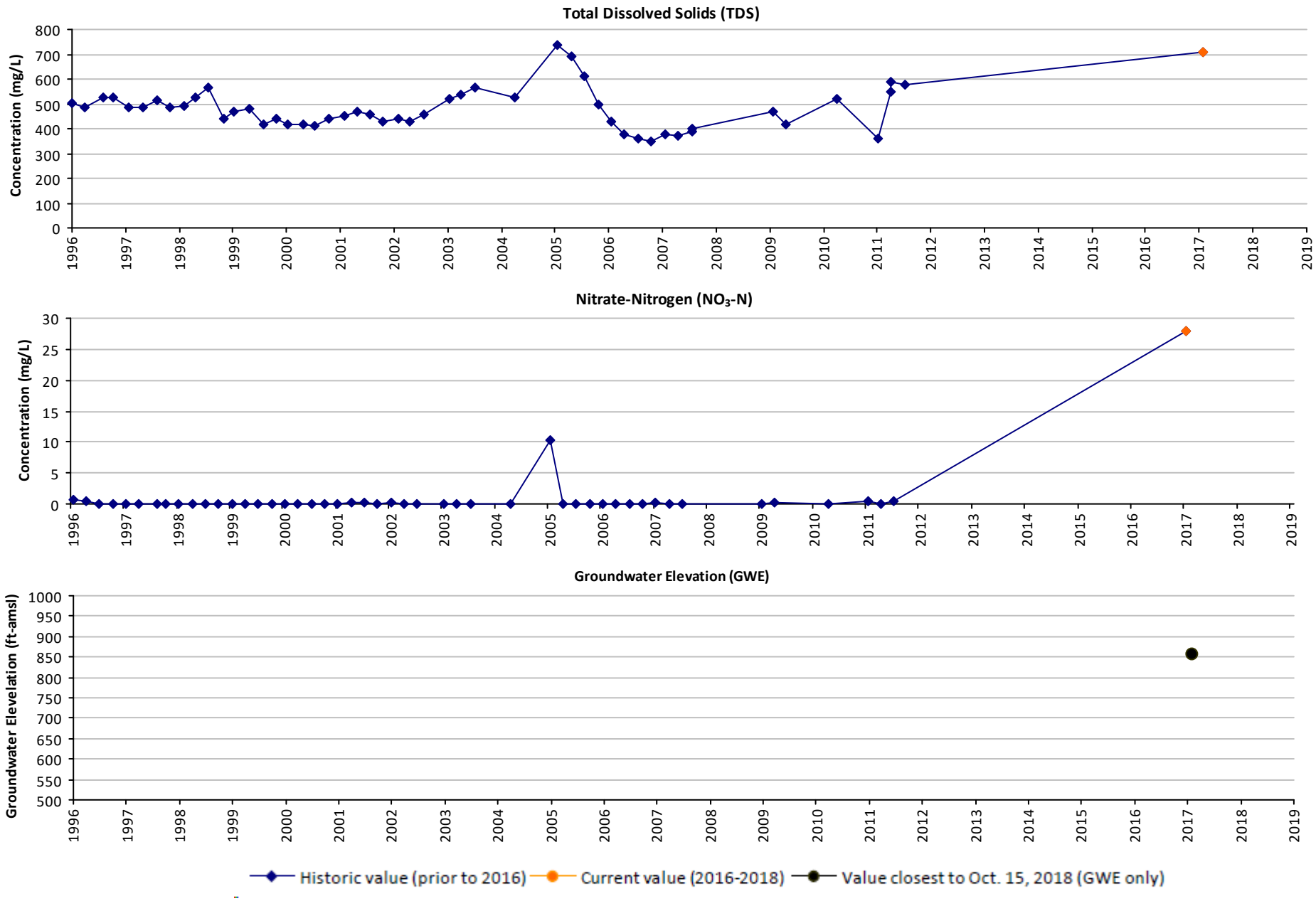
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

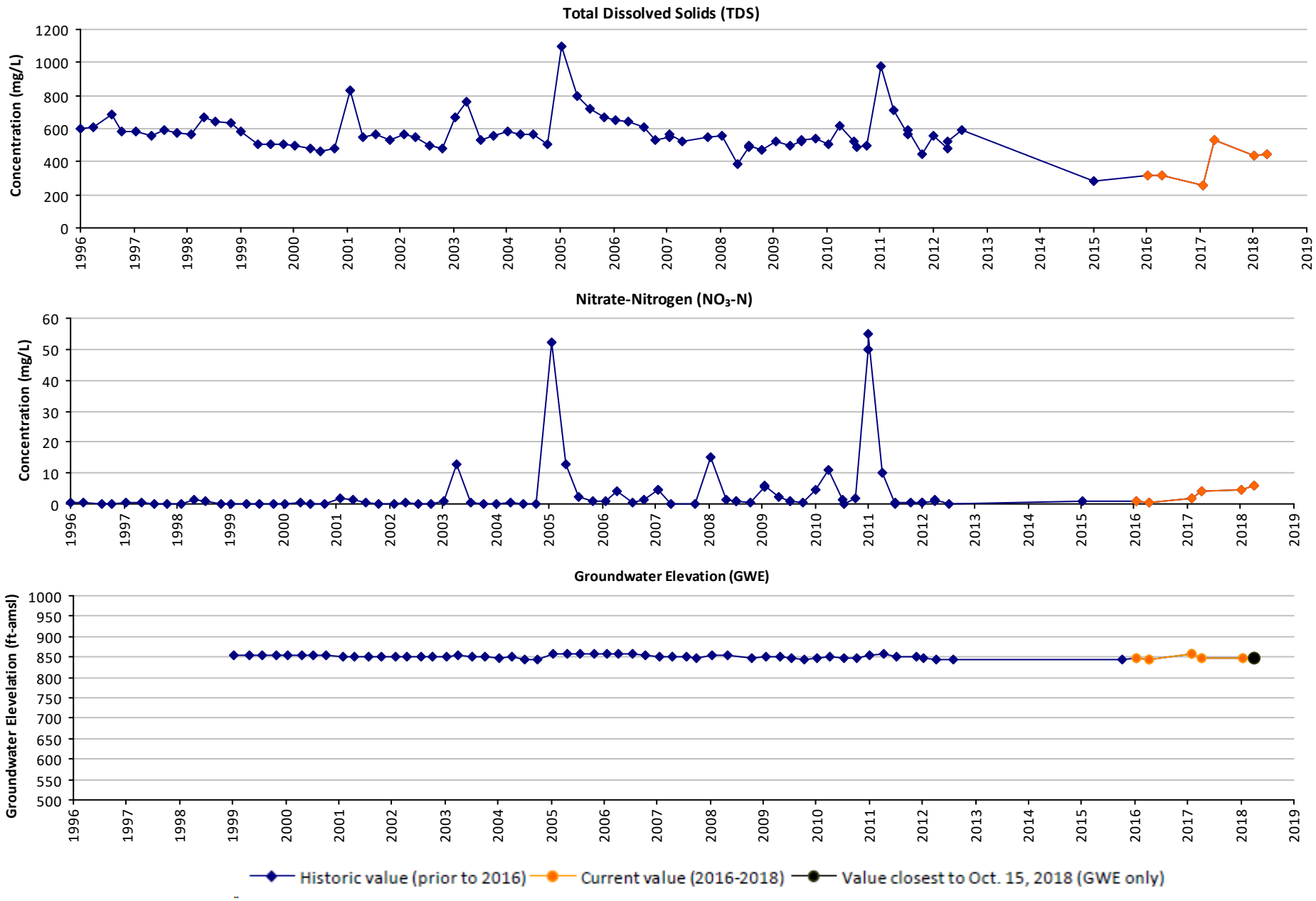
Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

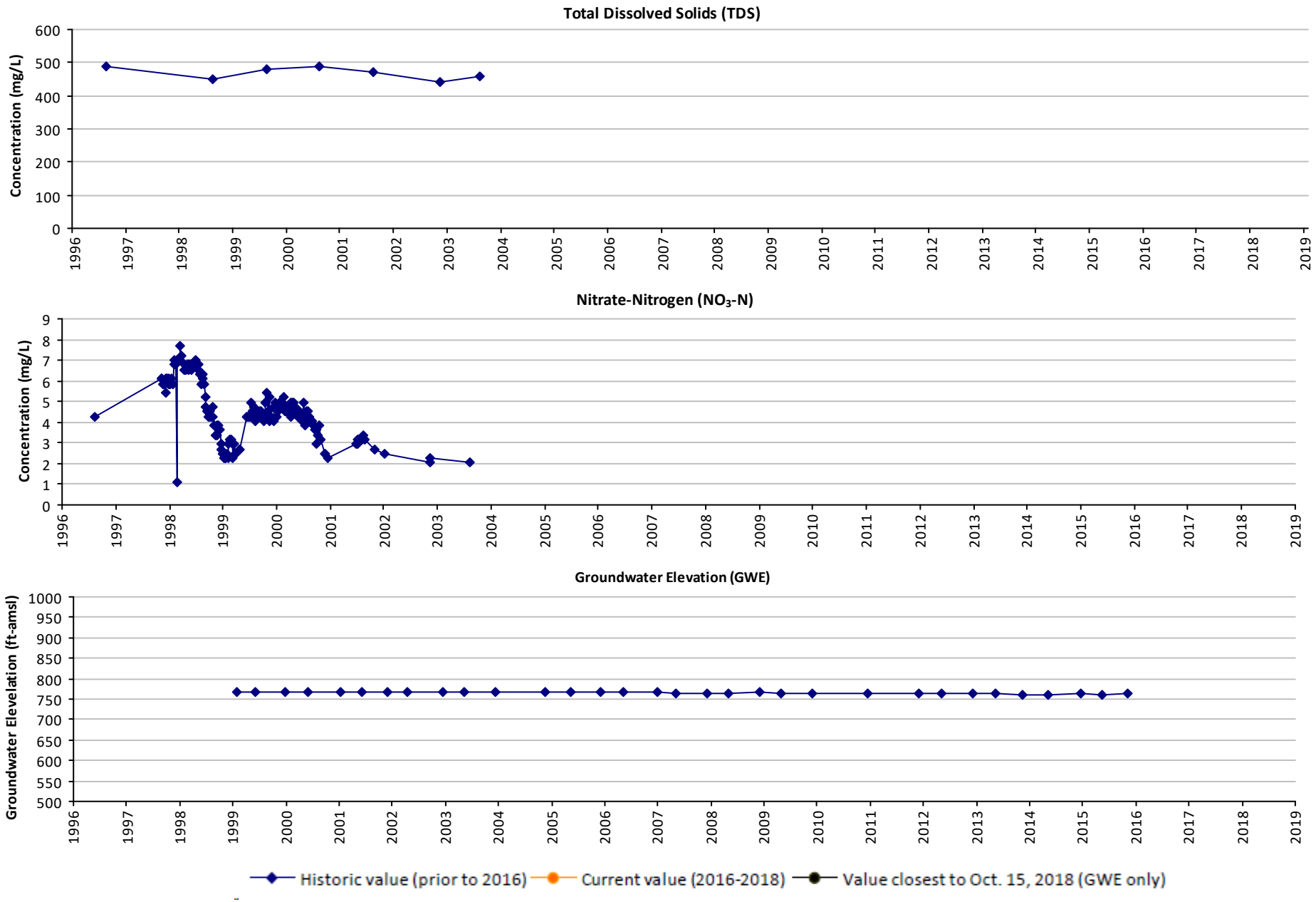

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

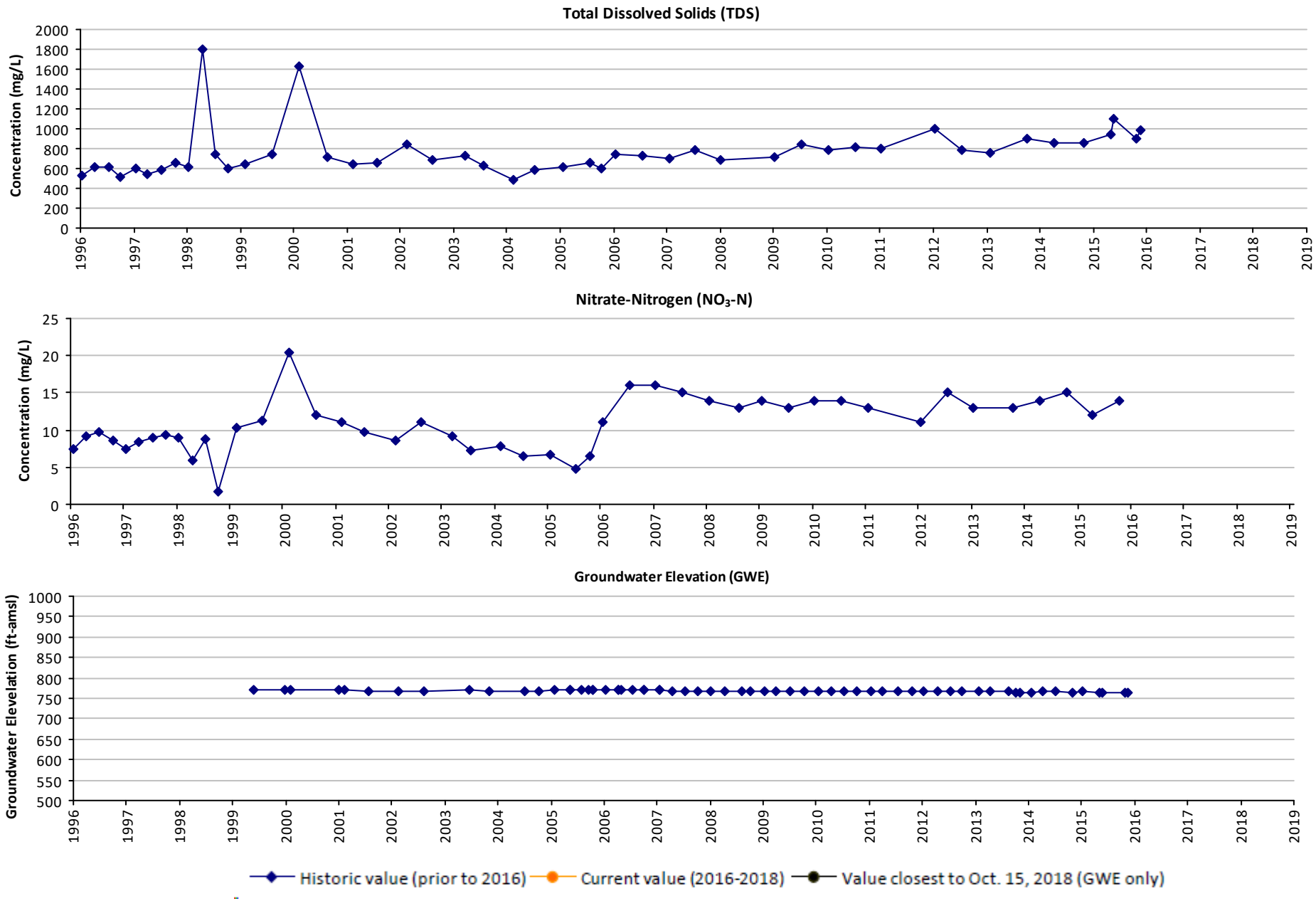

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

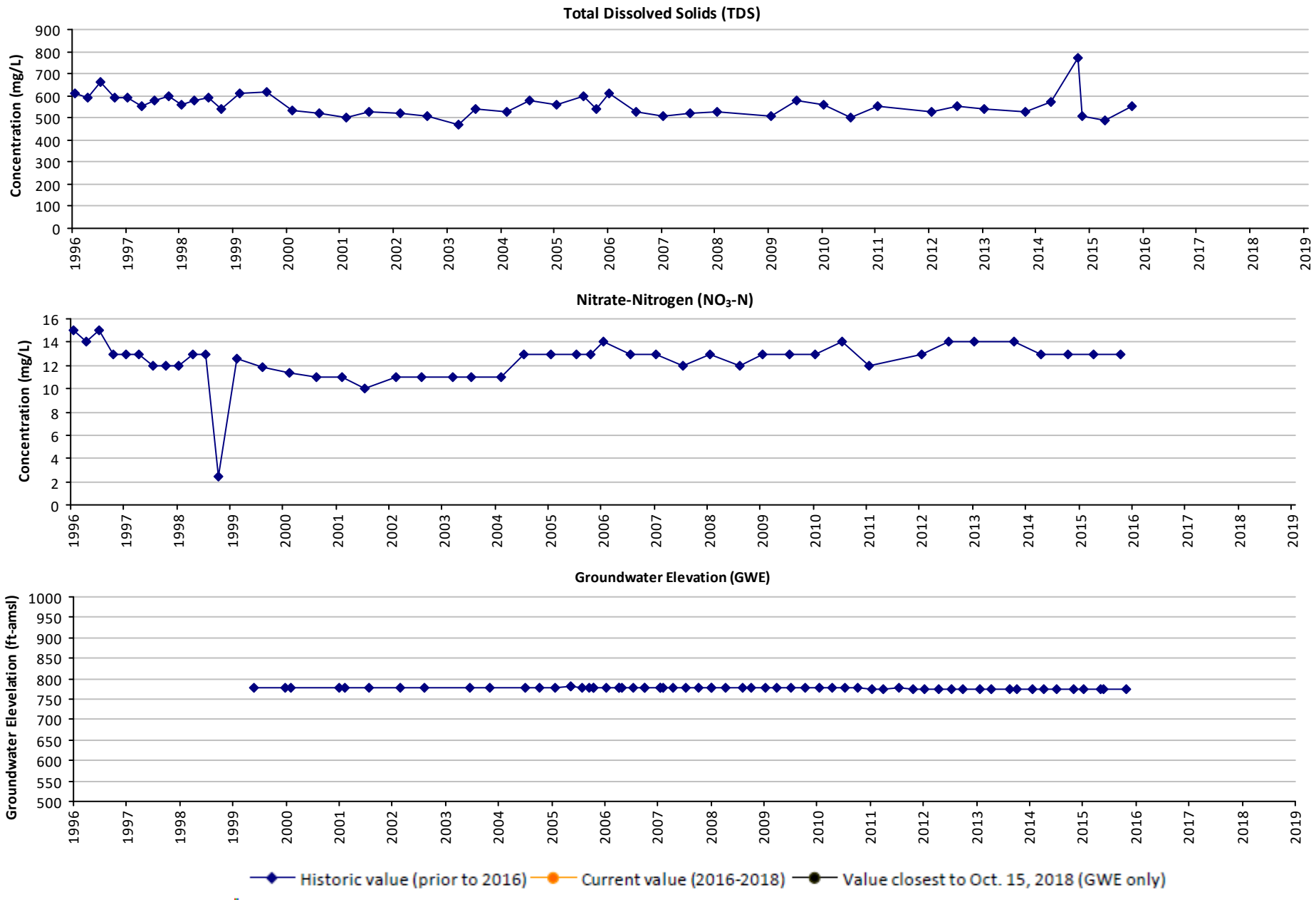

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

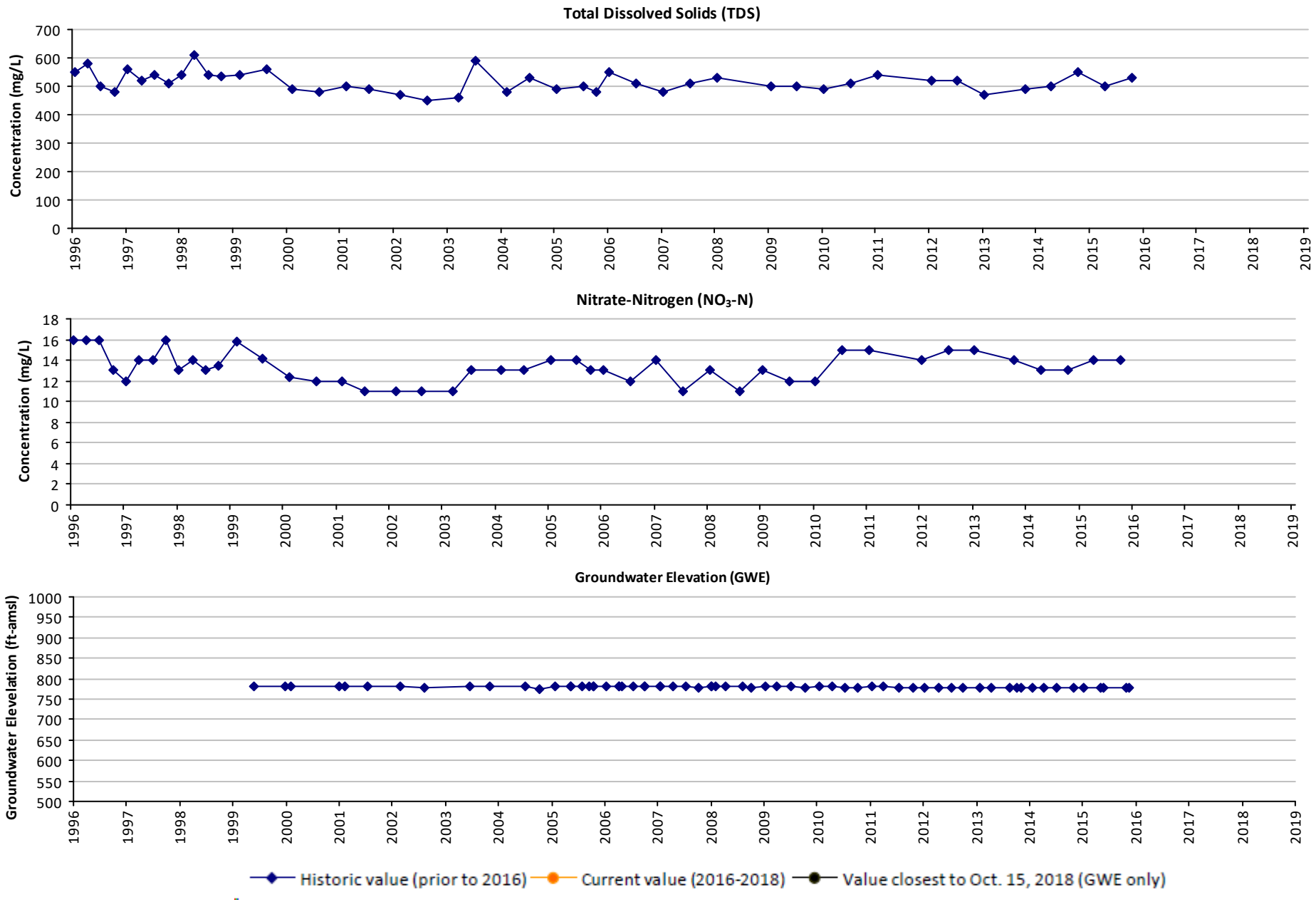

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

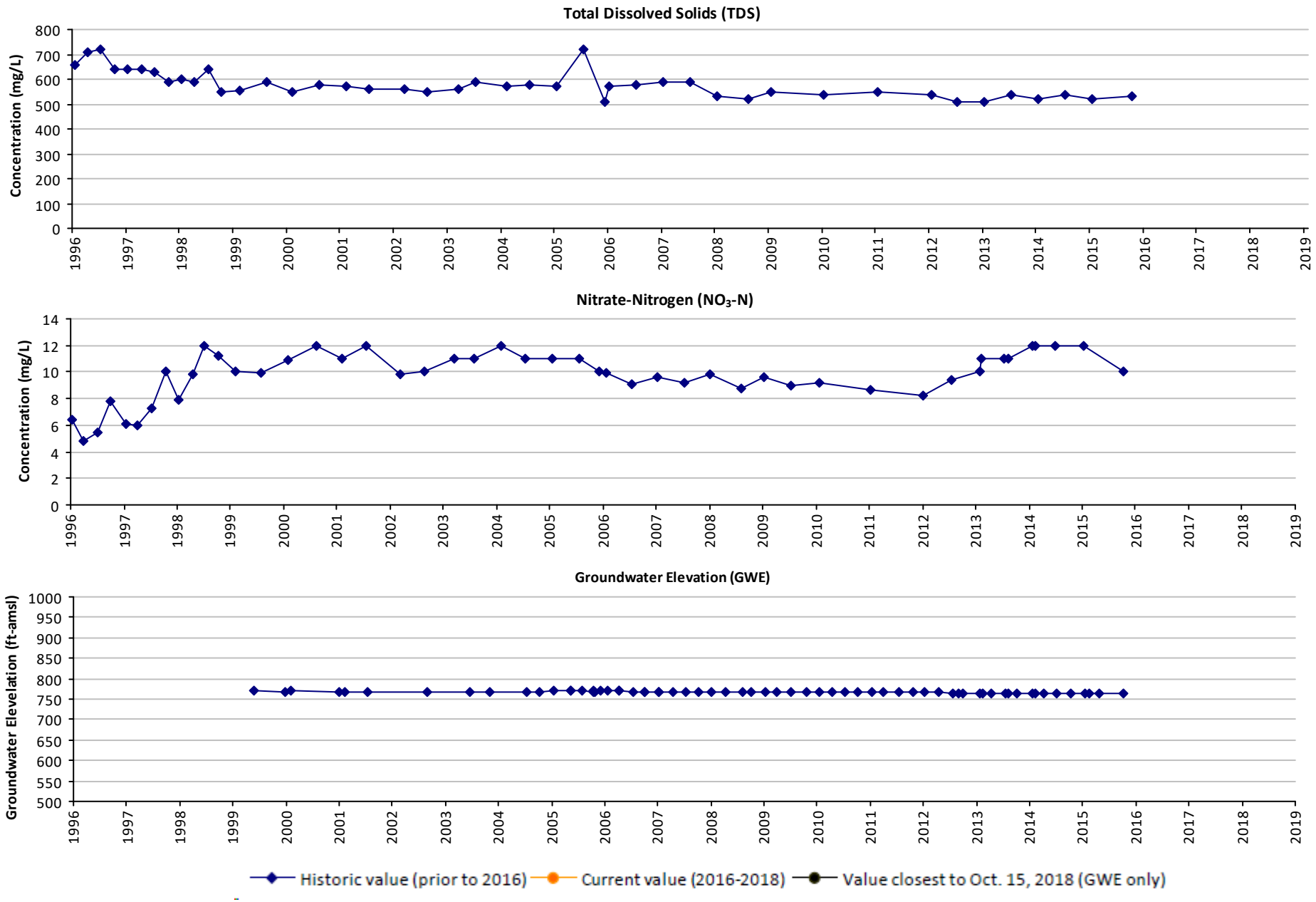

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

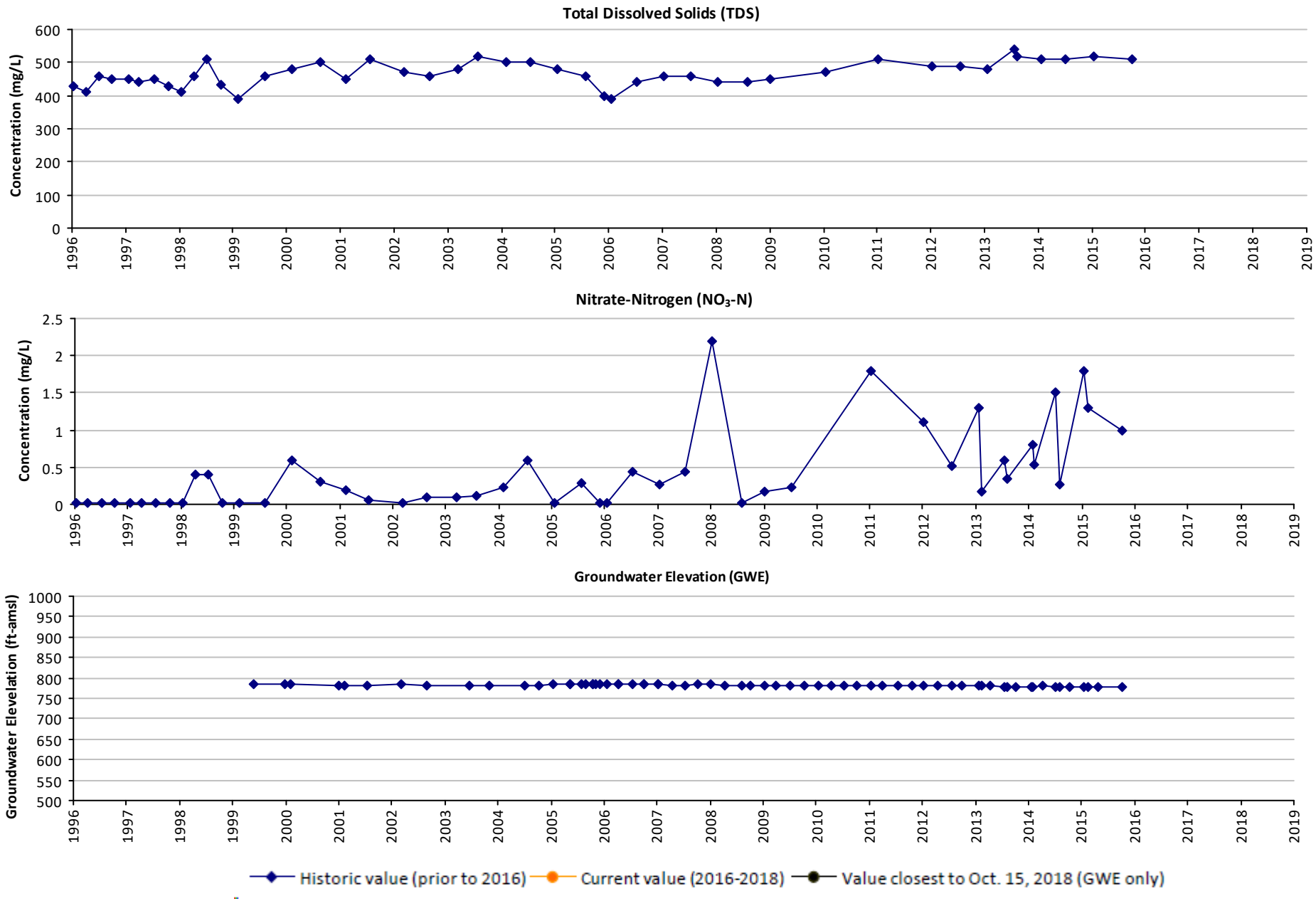

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

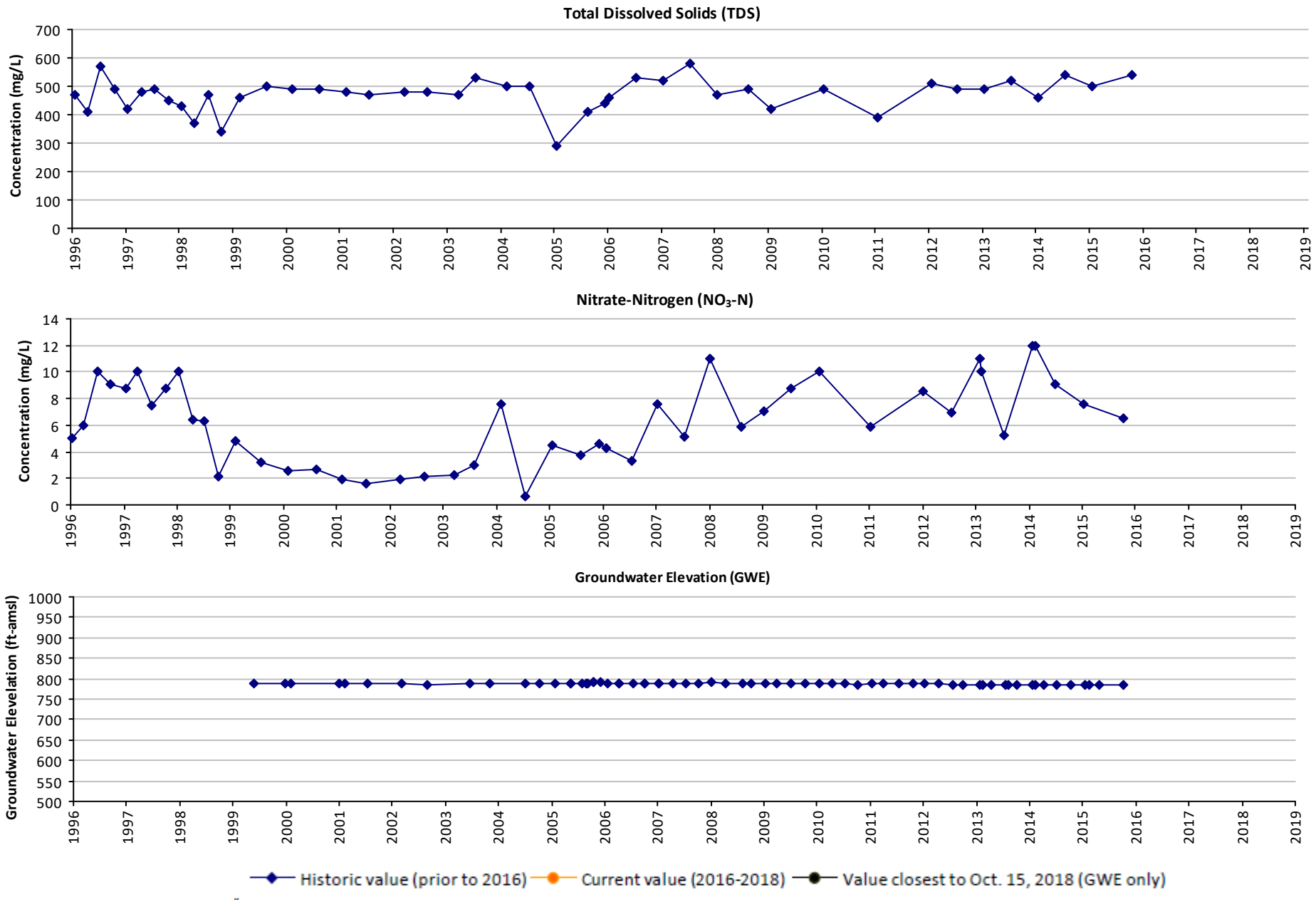

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

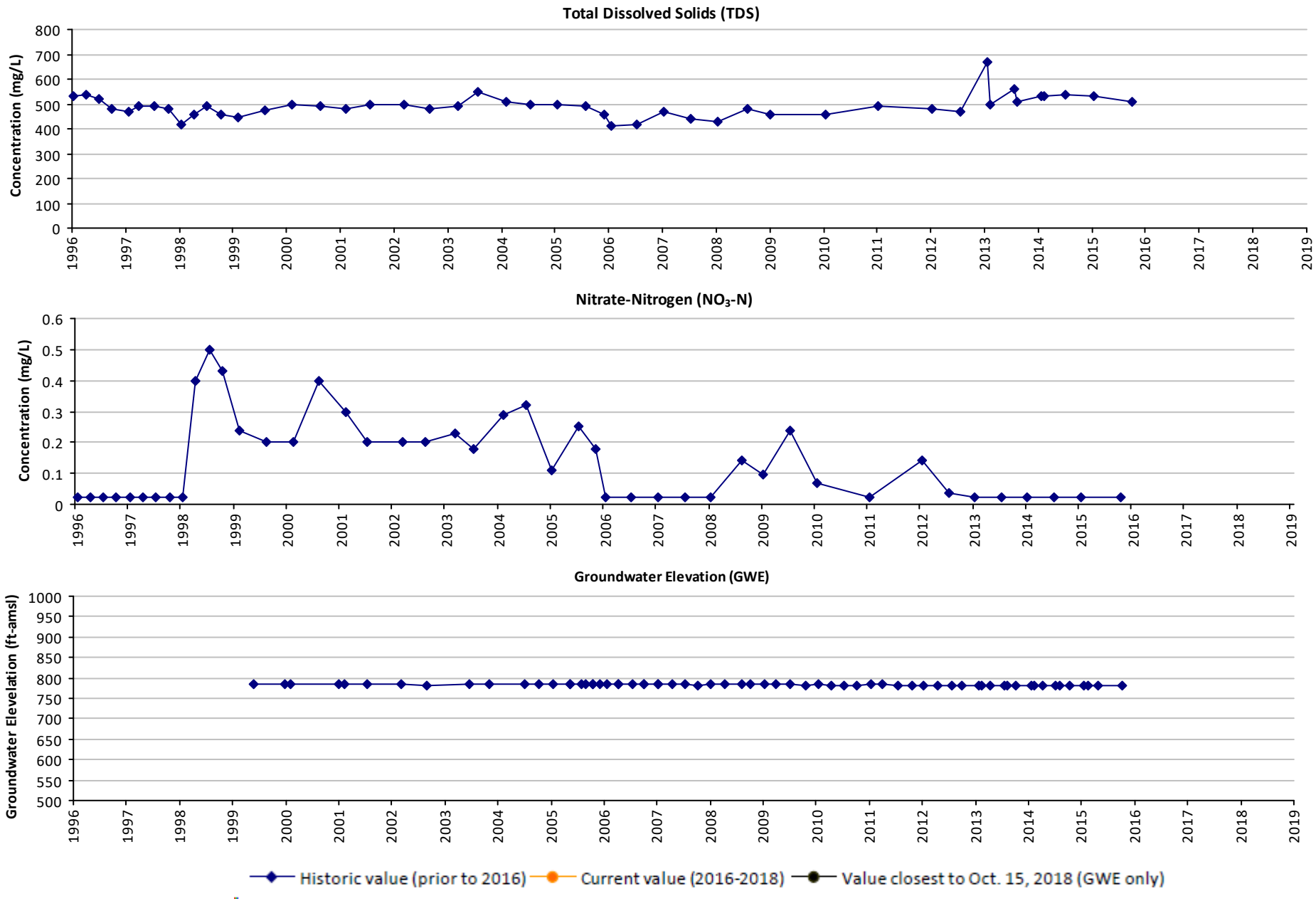

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

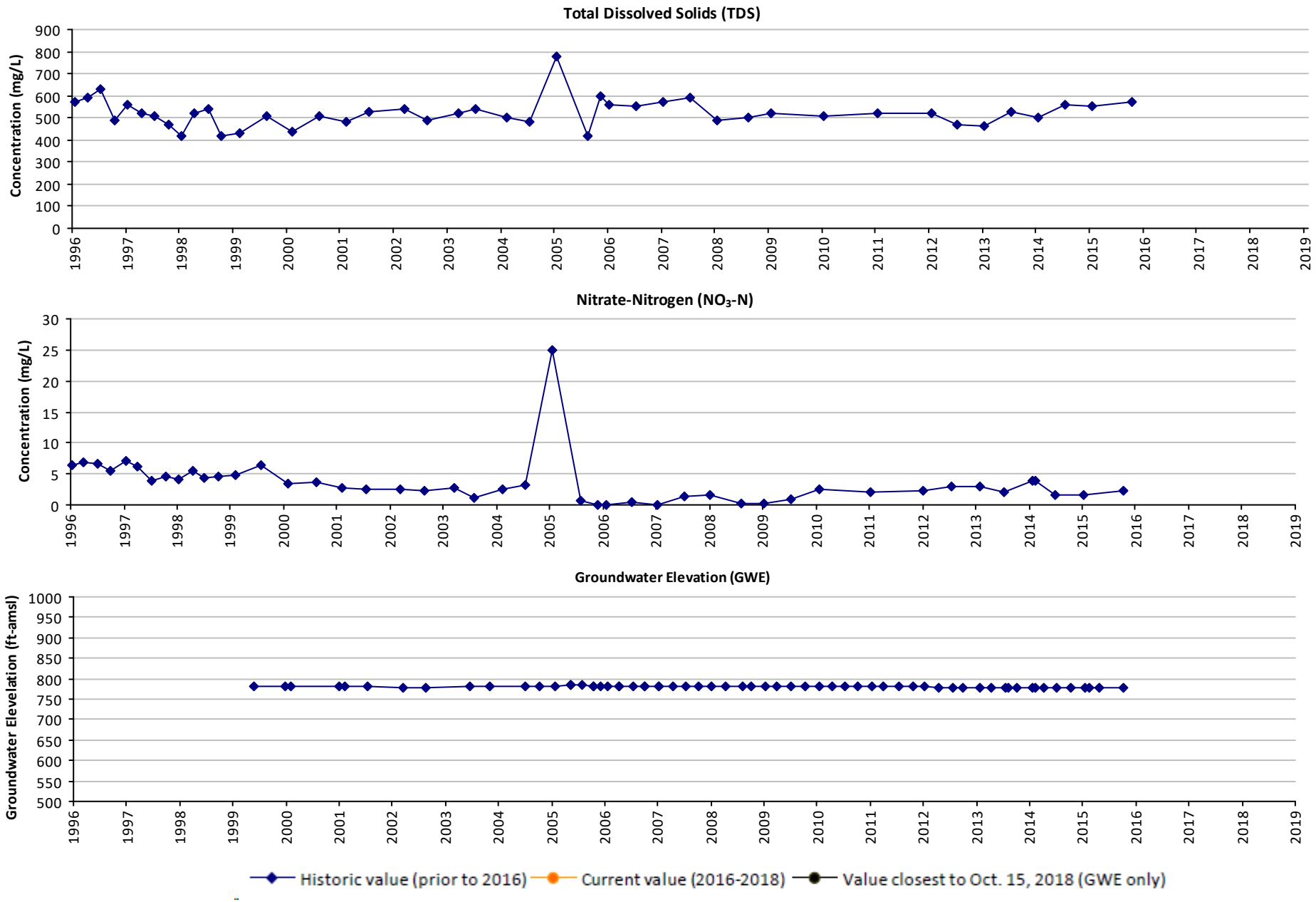

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

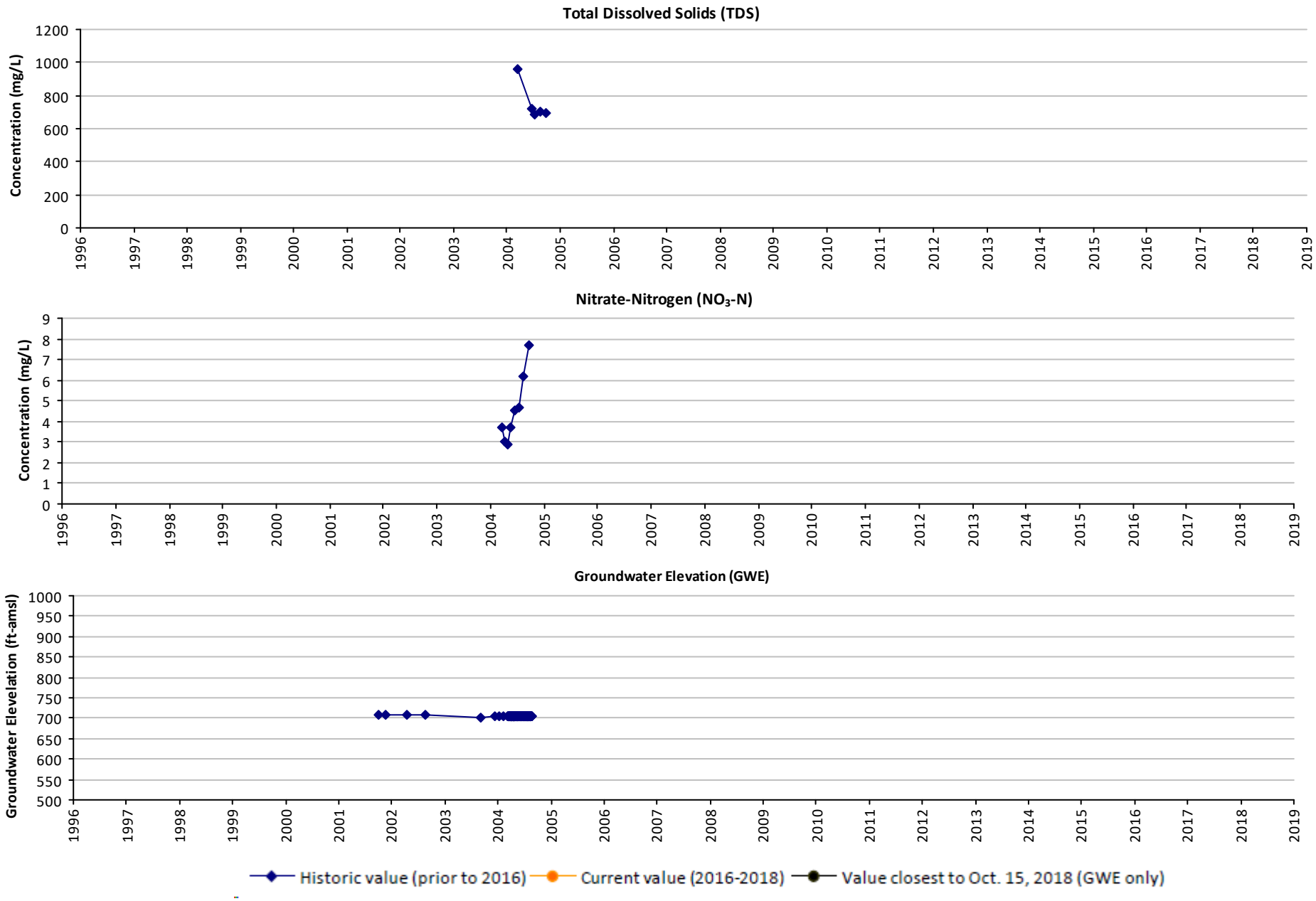

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

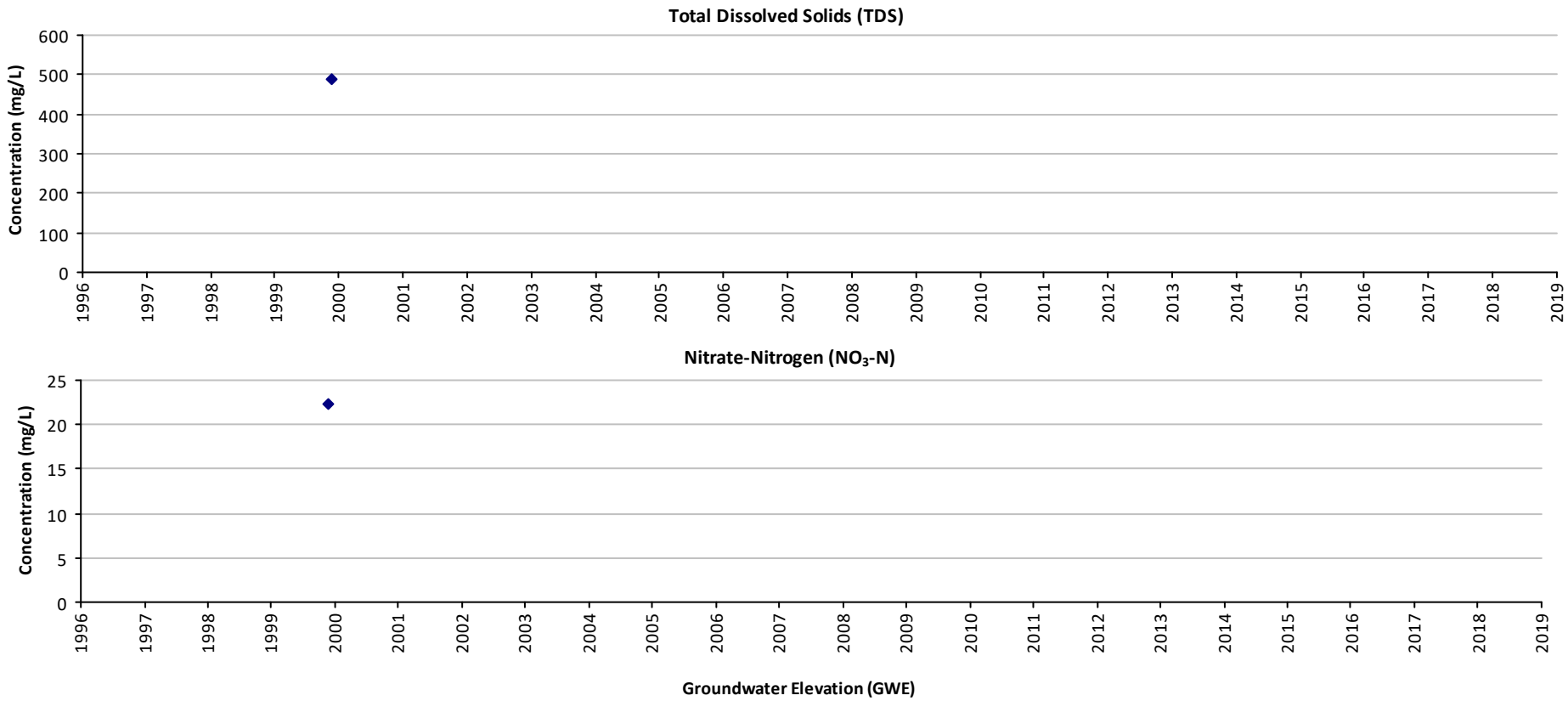

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

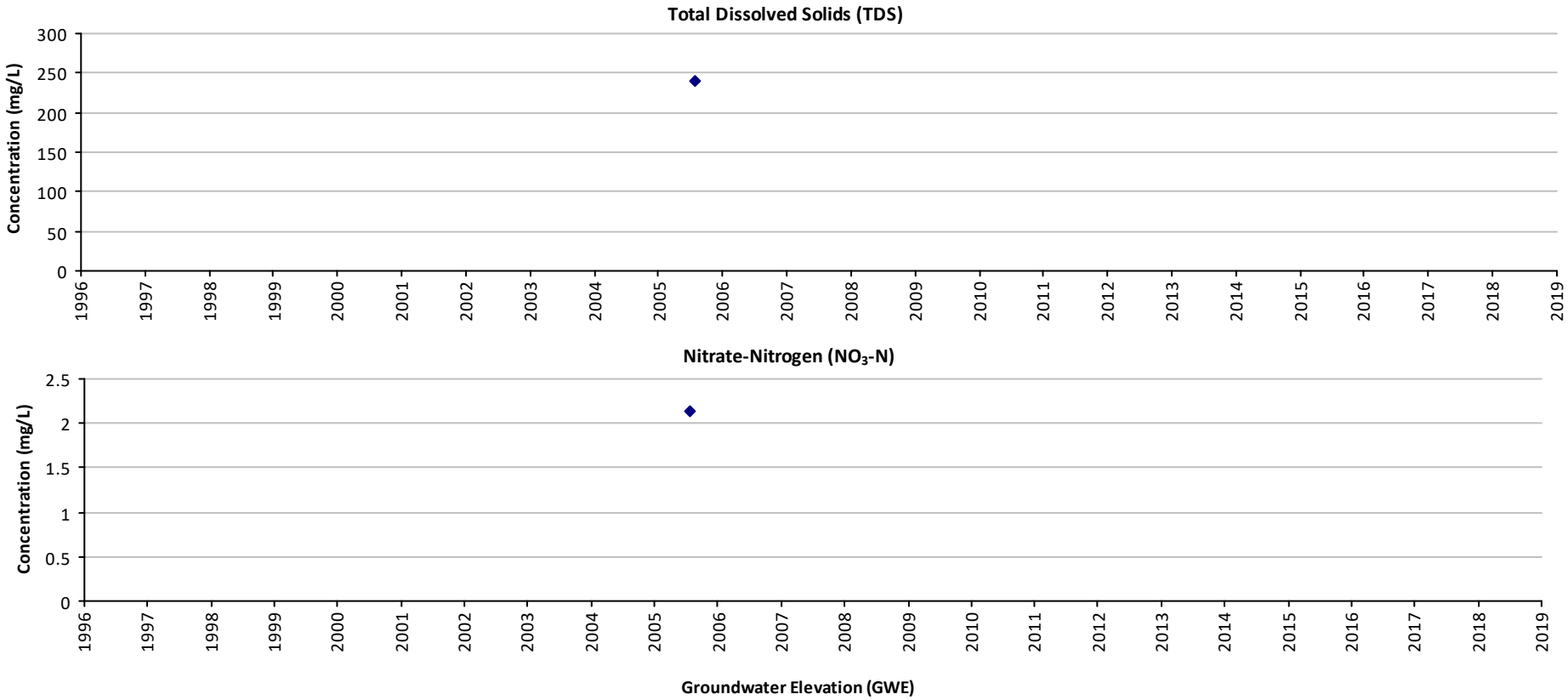

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

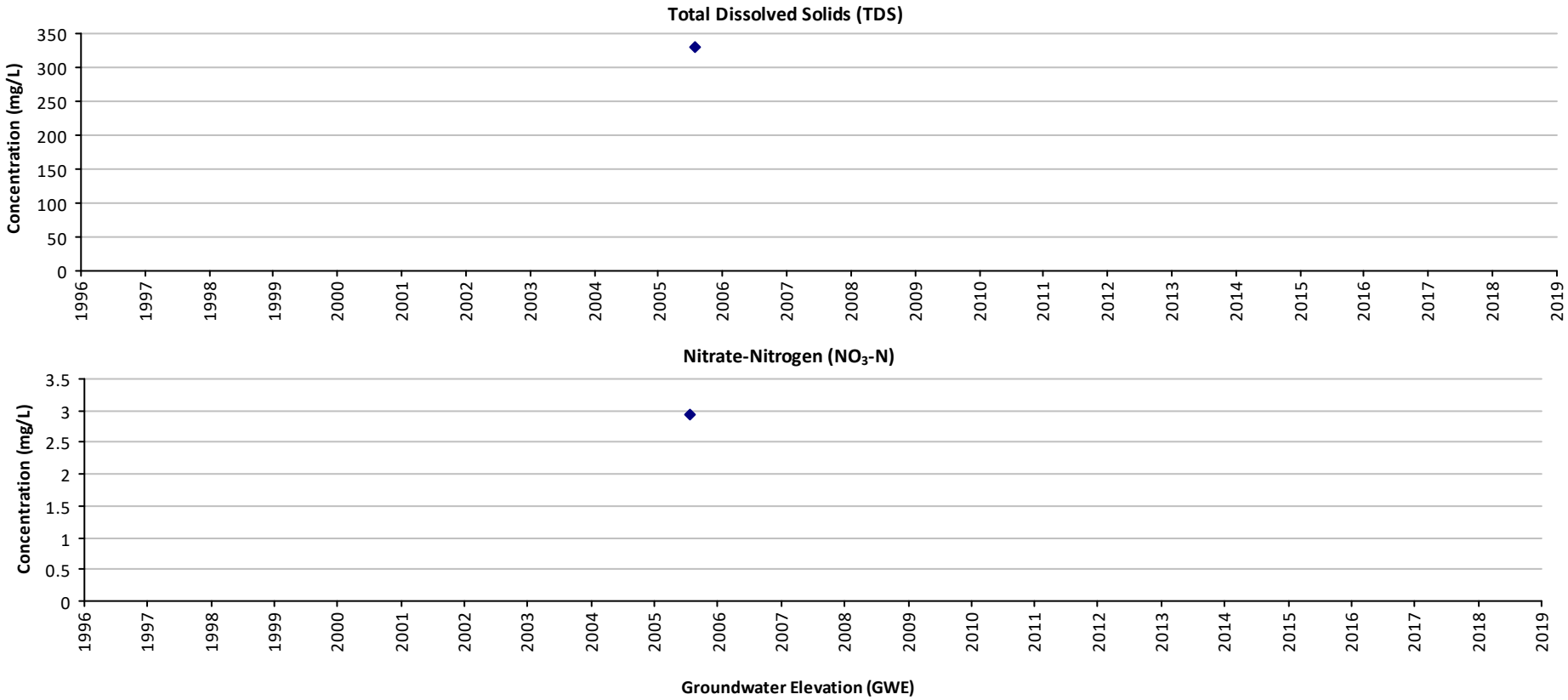

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

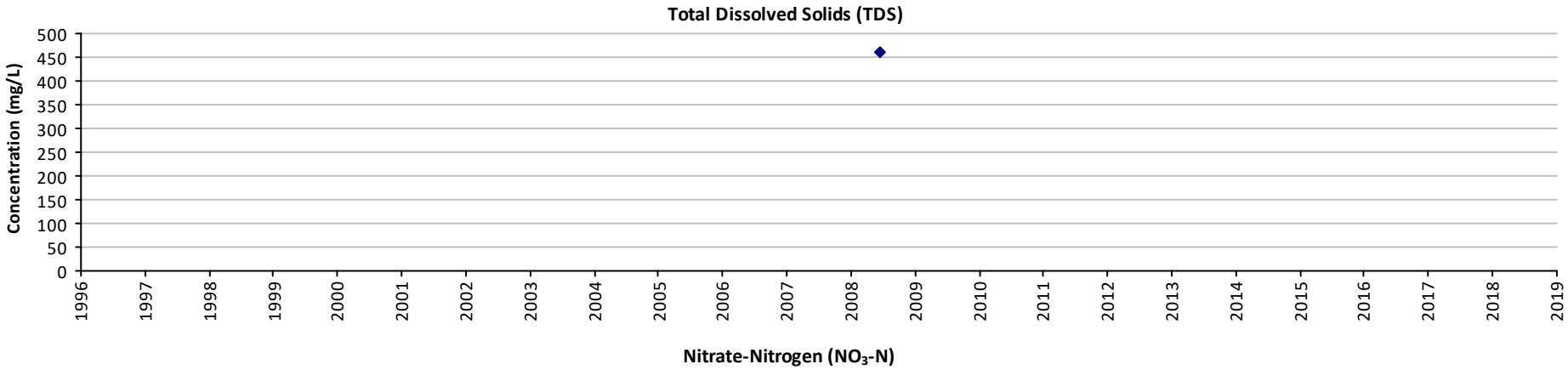

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

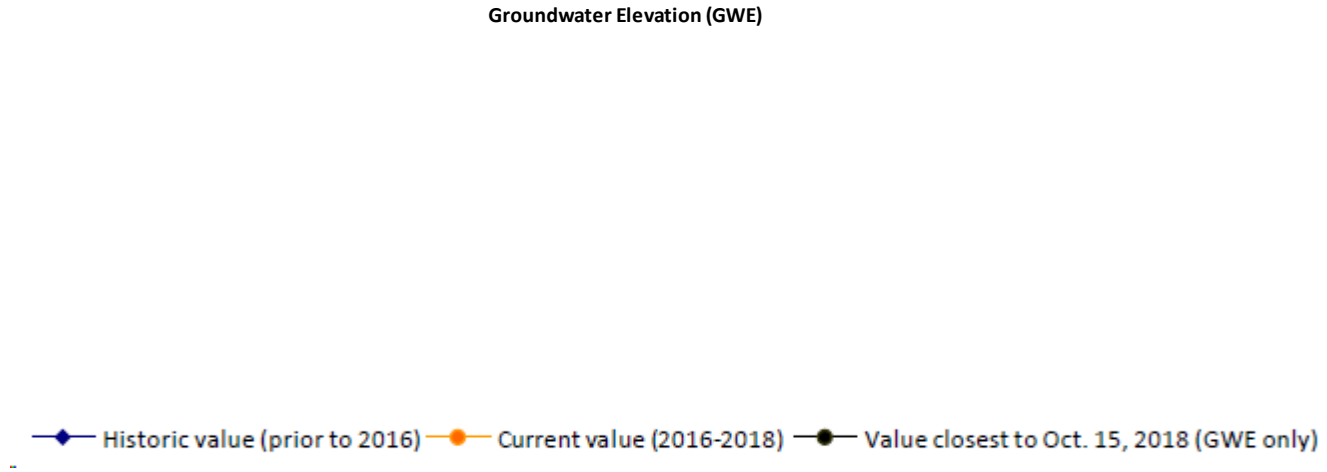

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

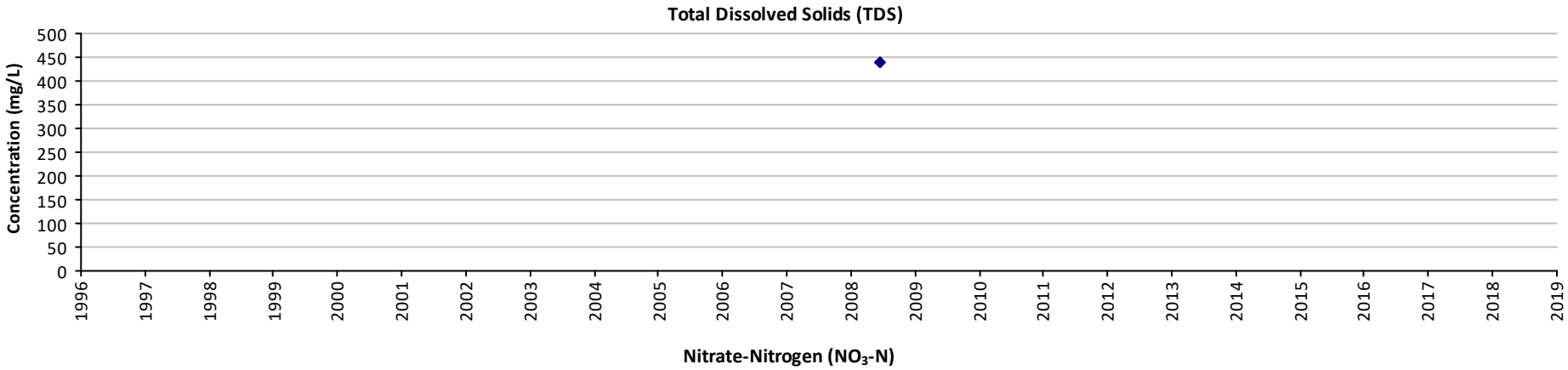

Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

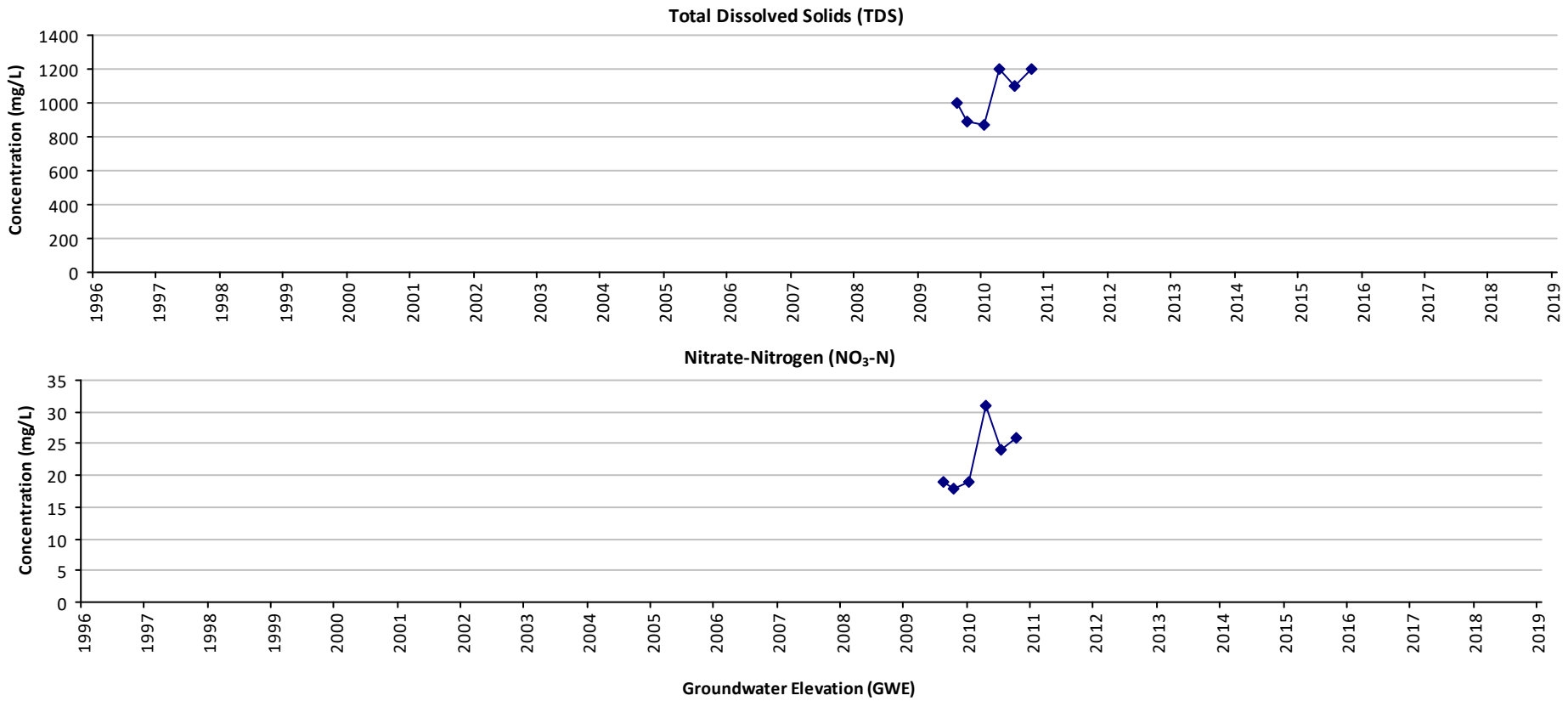

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

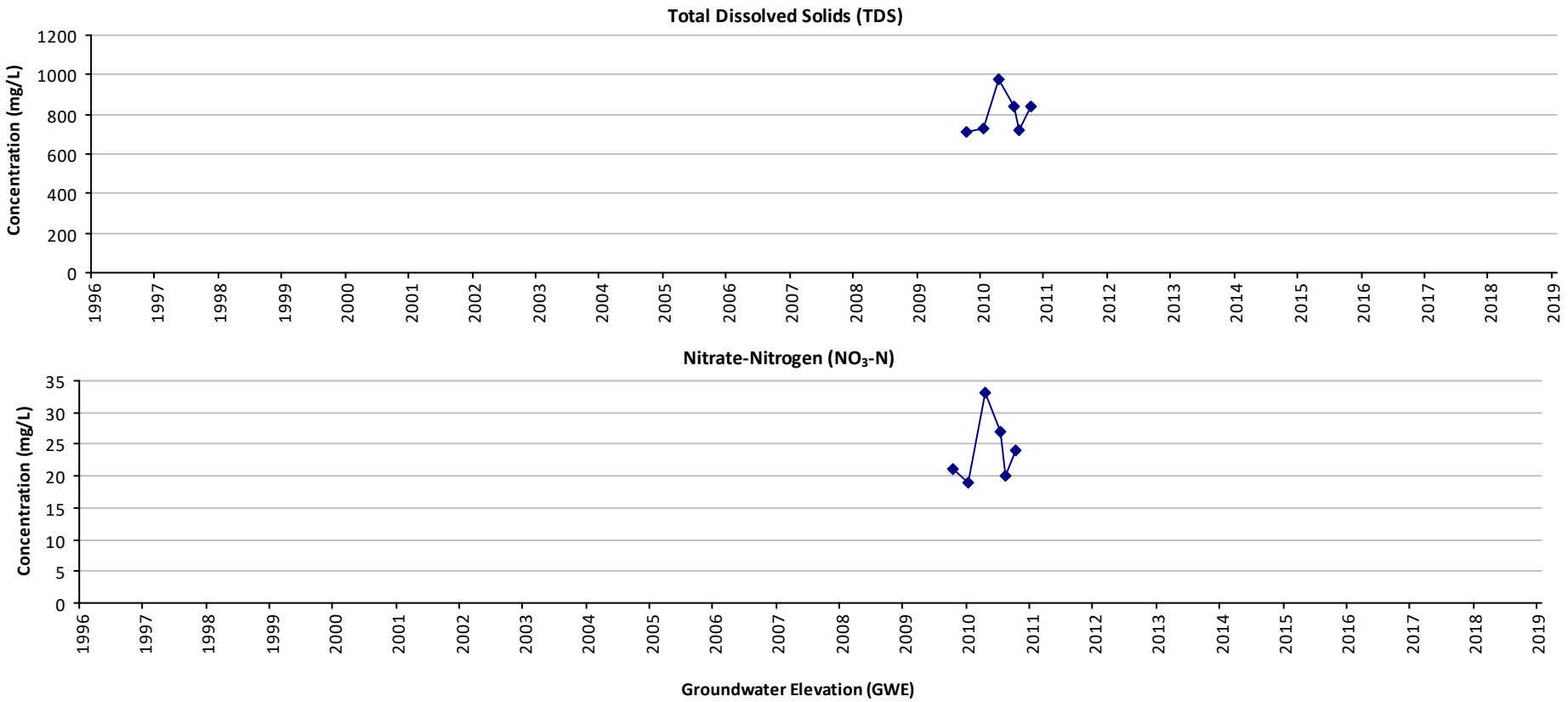


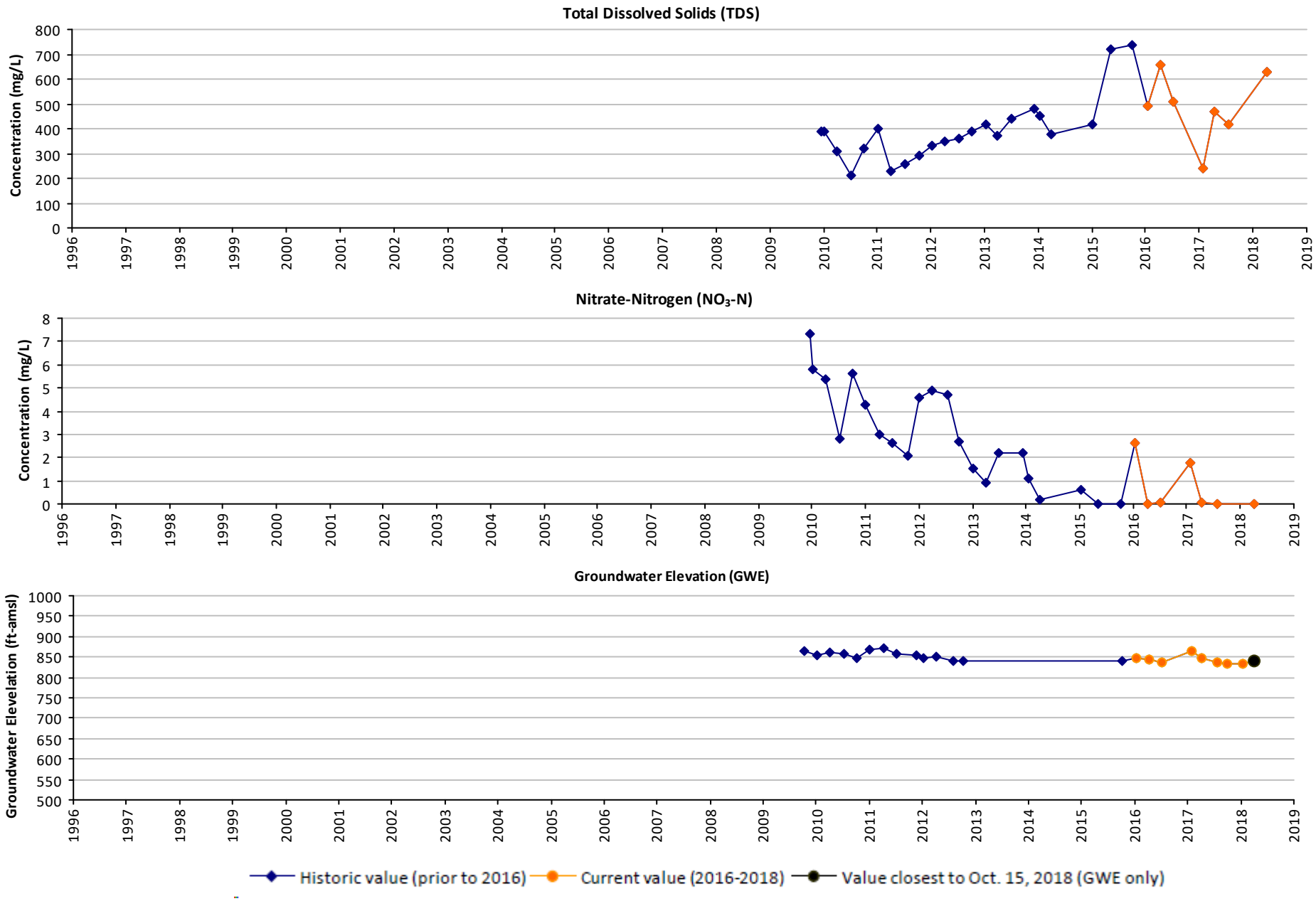
Nitrate-Nitrogen (NO_3-N)

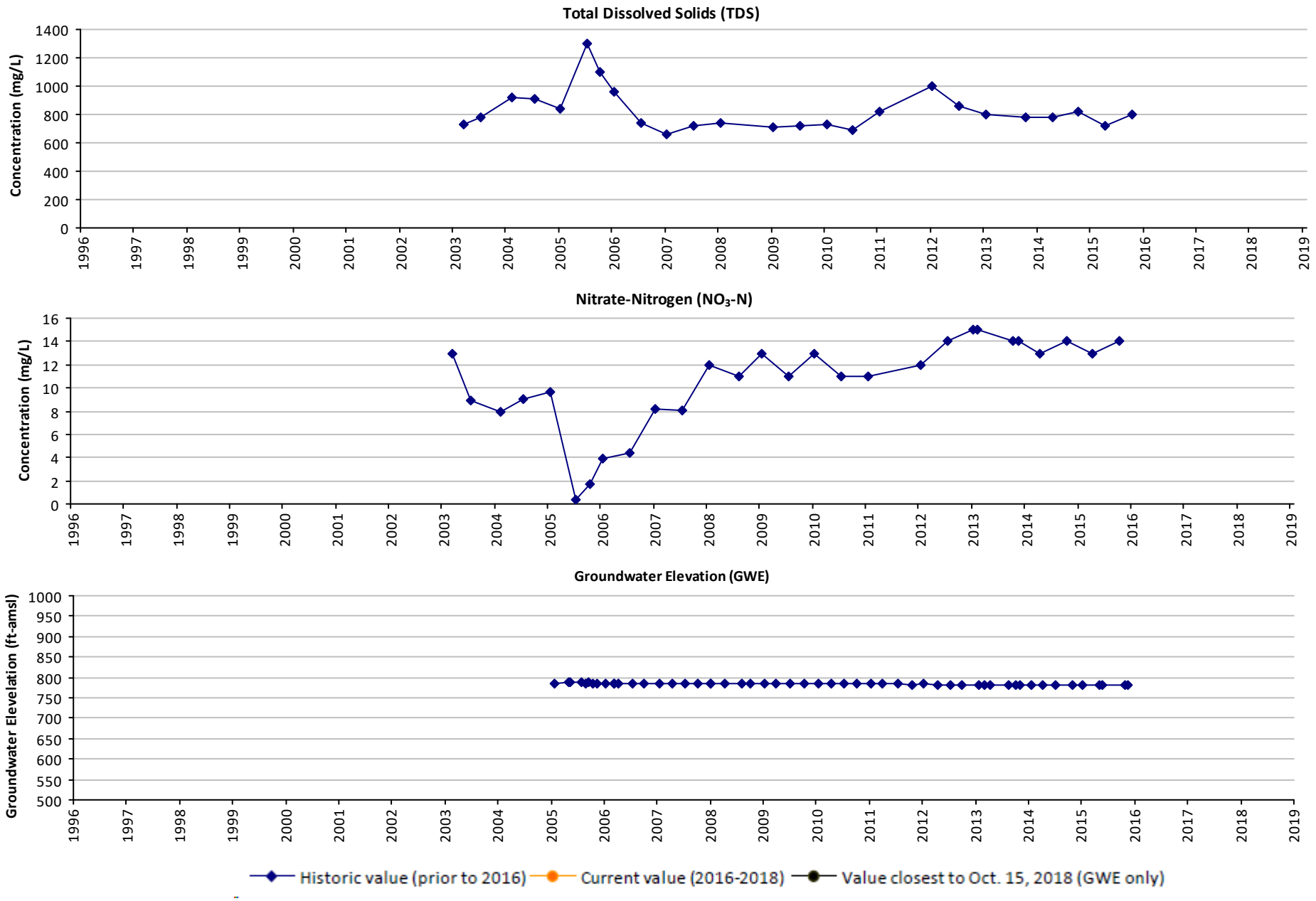
Groundwater Elevation (GWE)

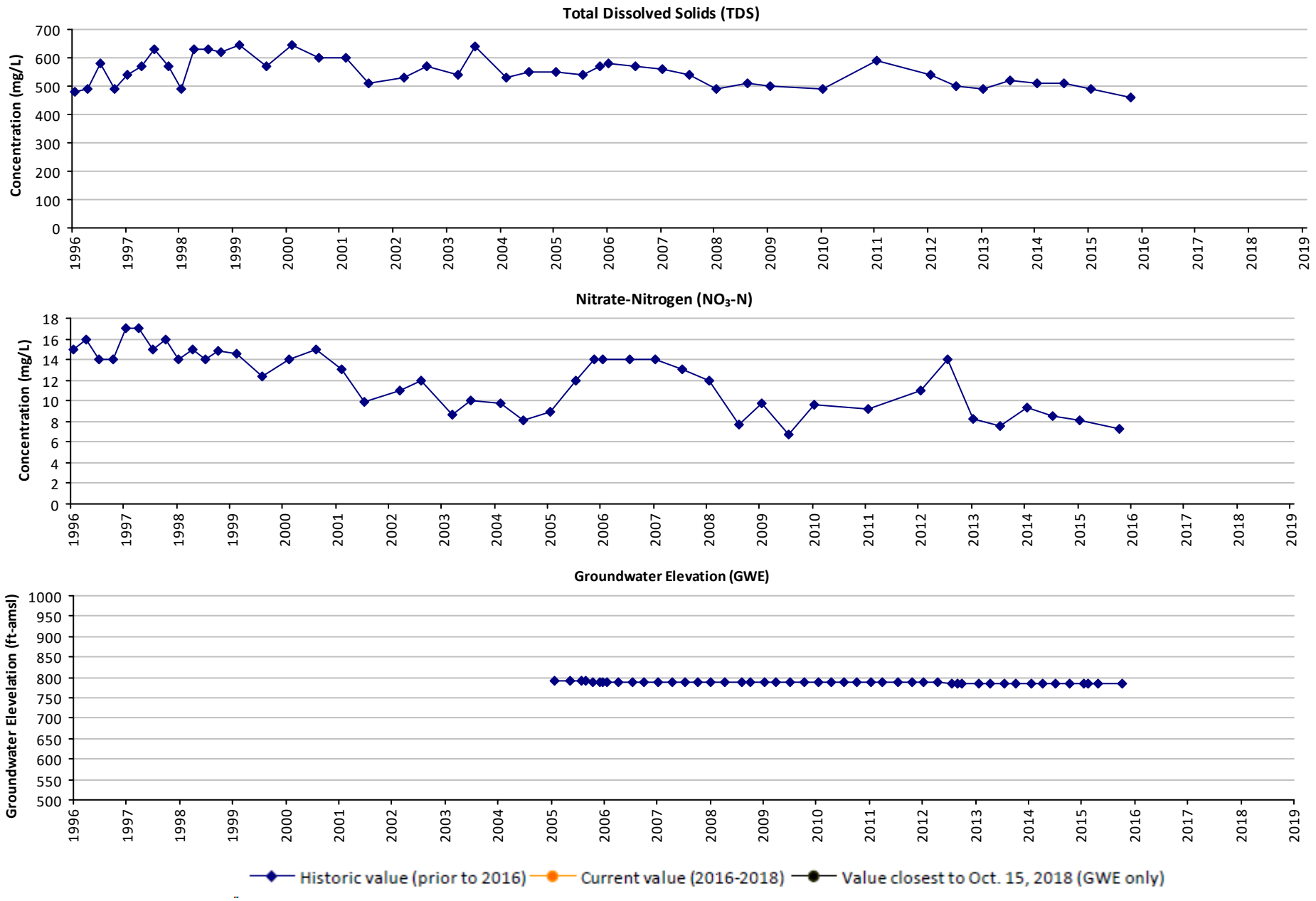
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

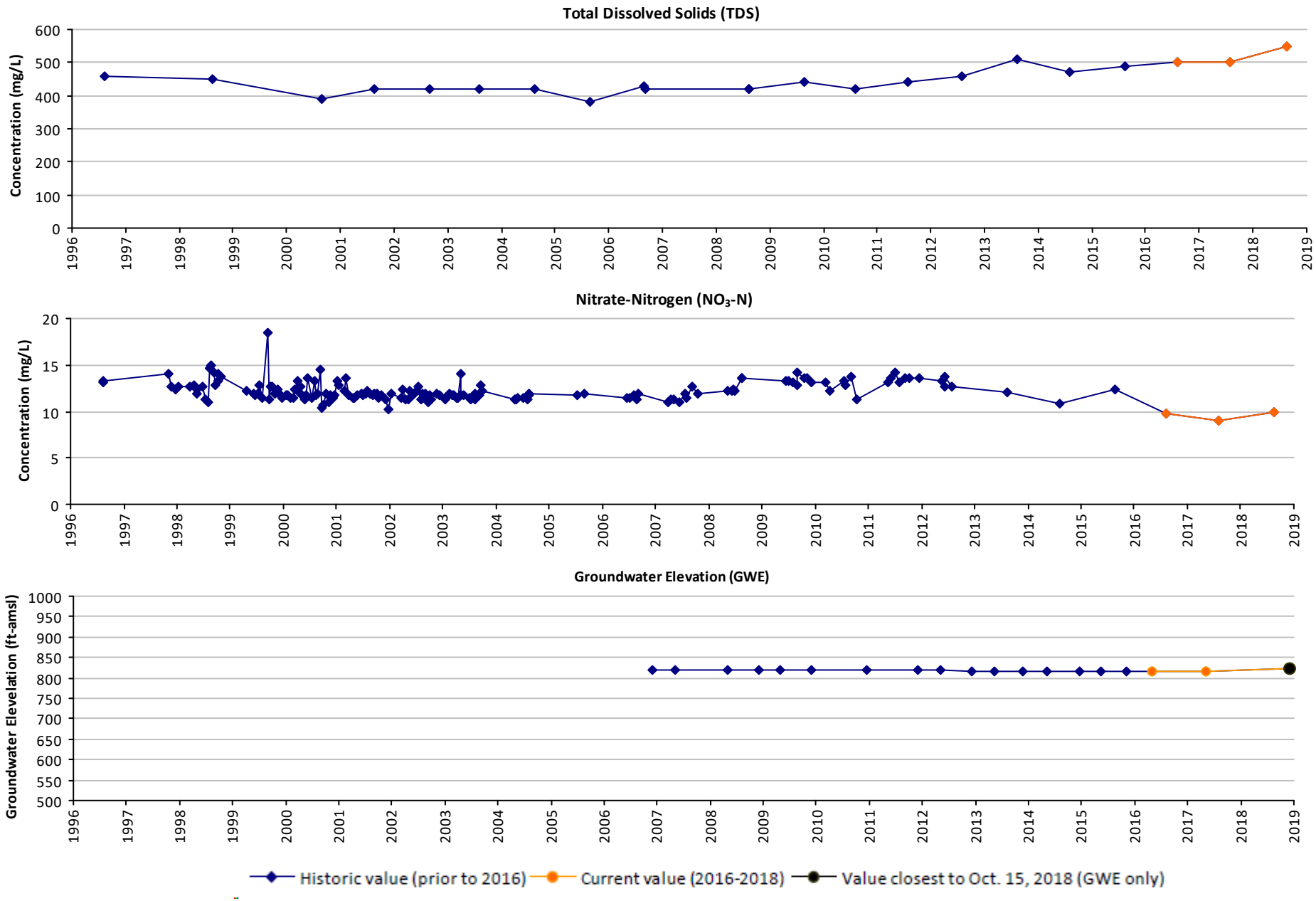

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

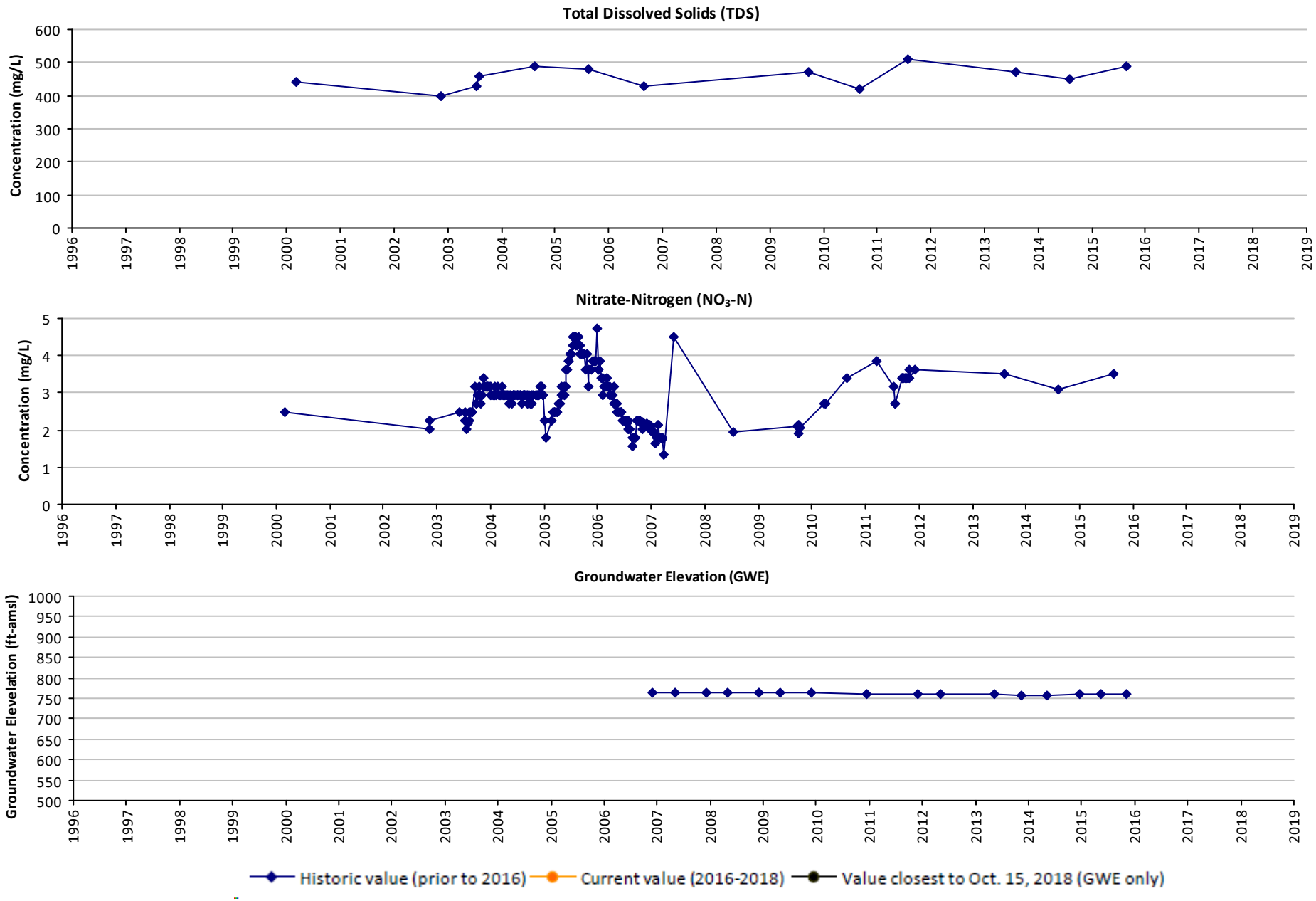

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

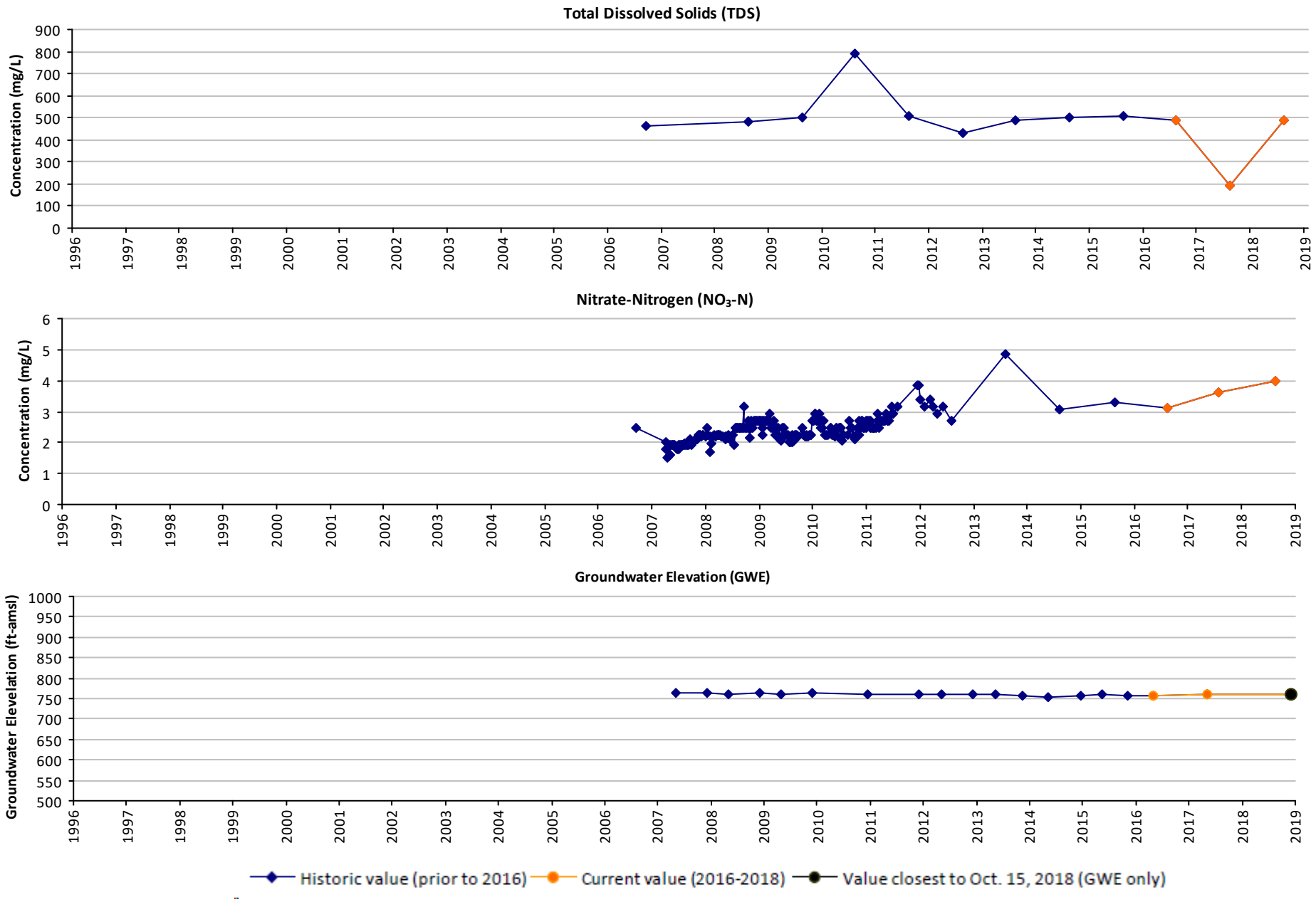

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

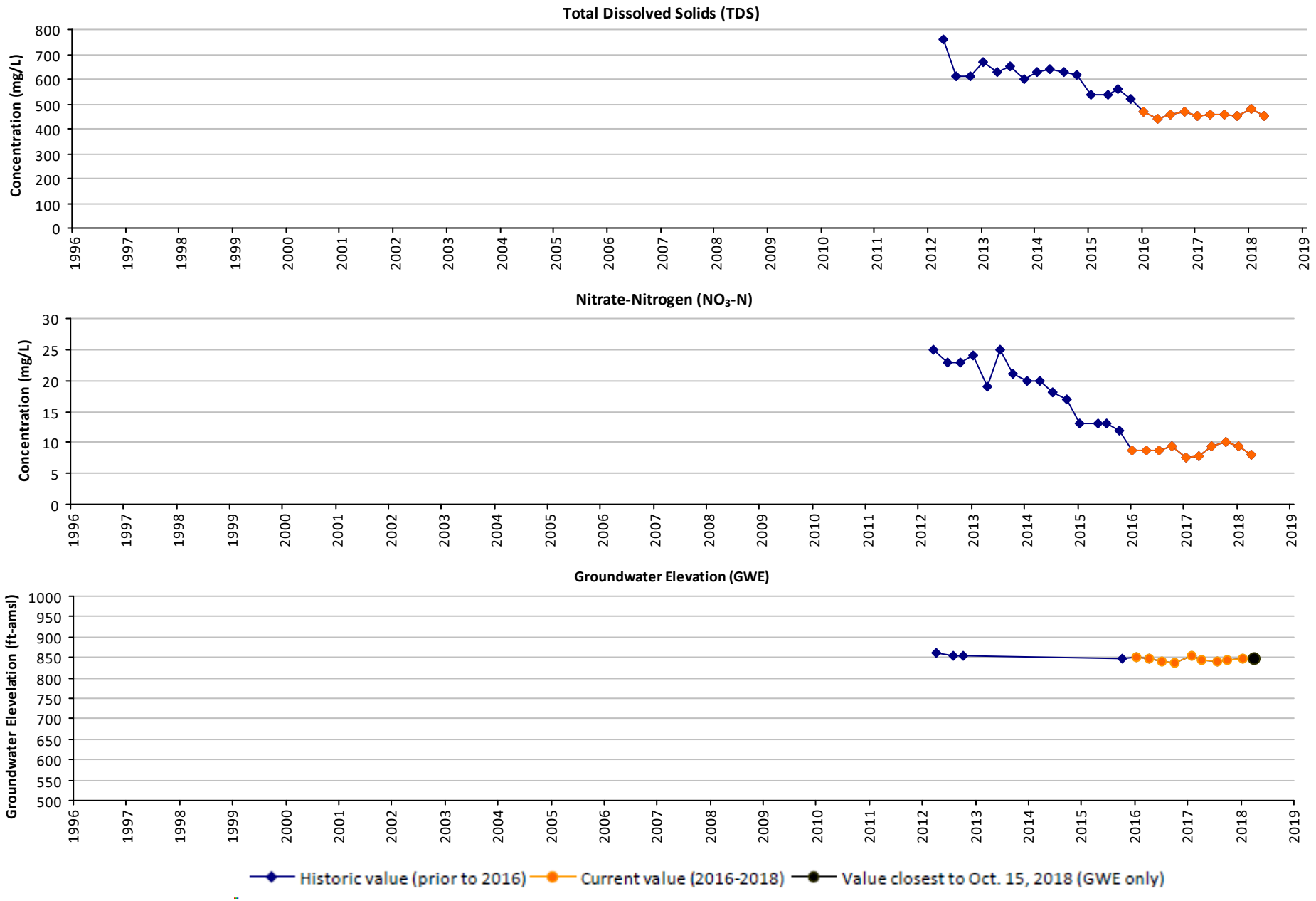

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

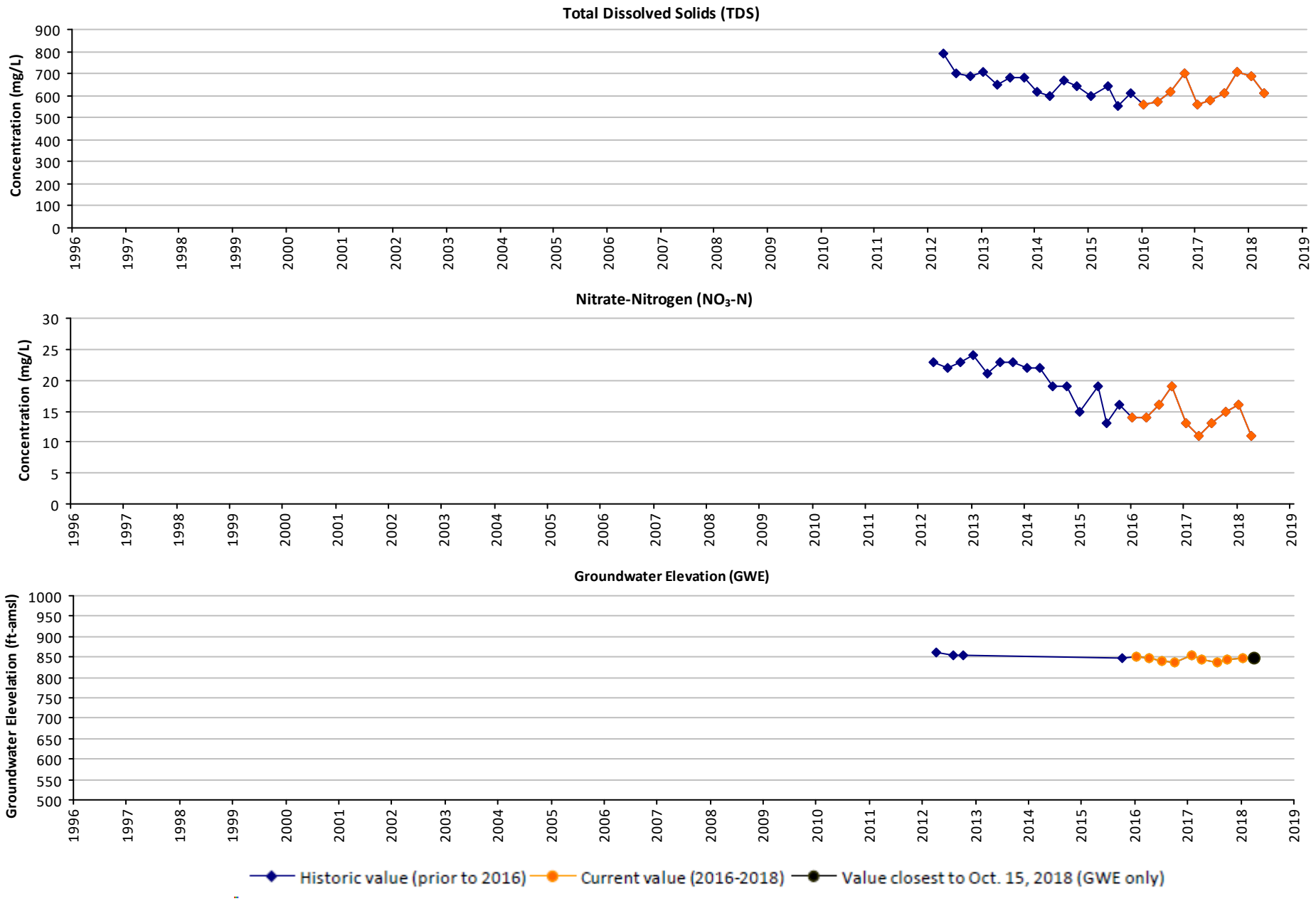

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

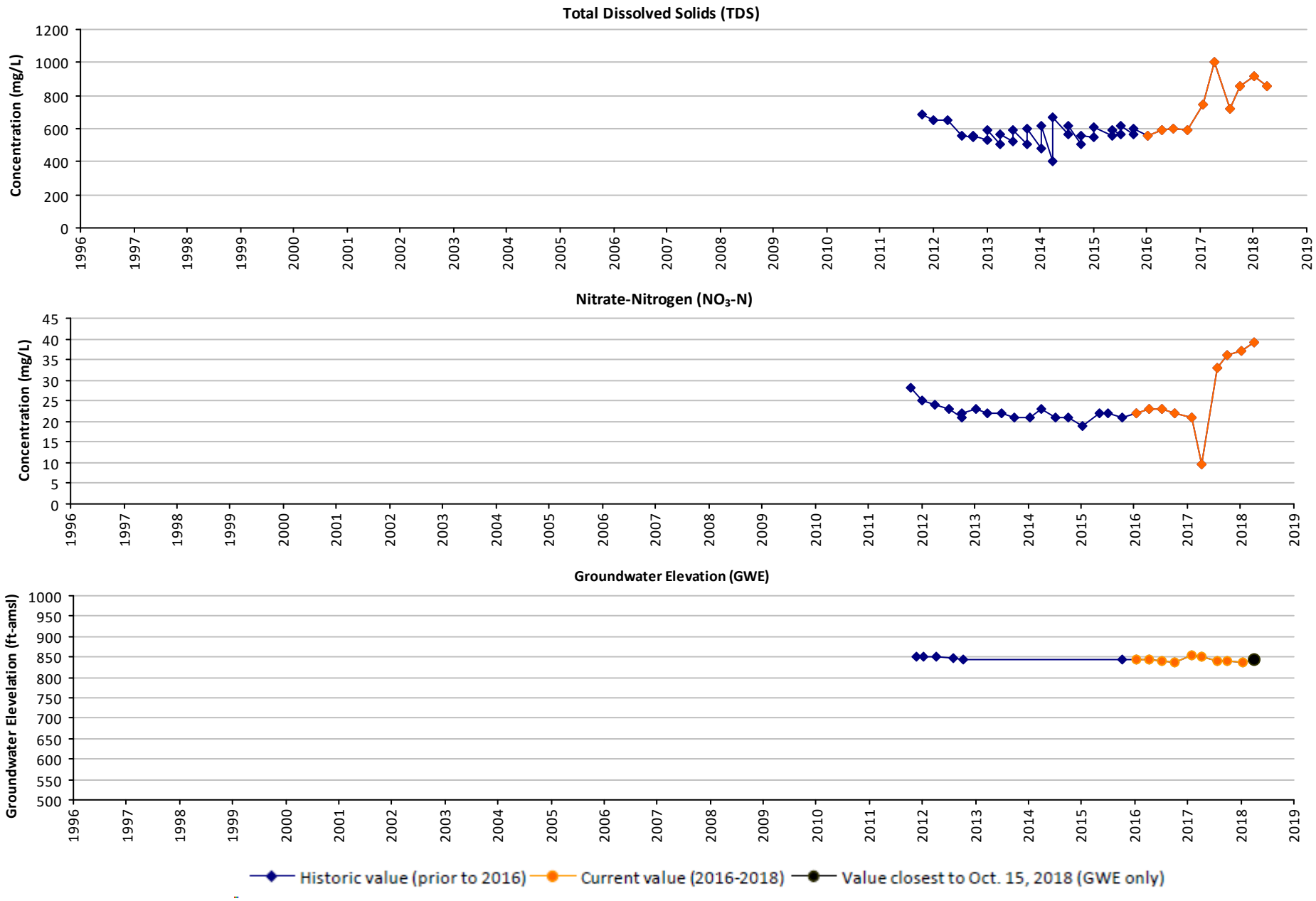

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

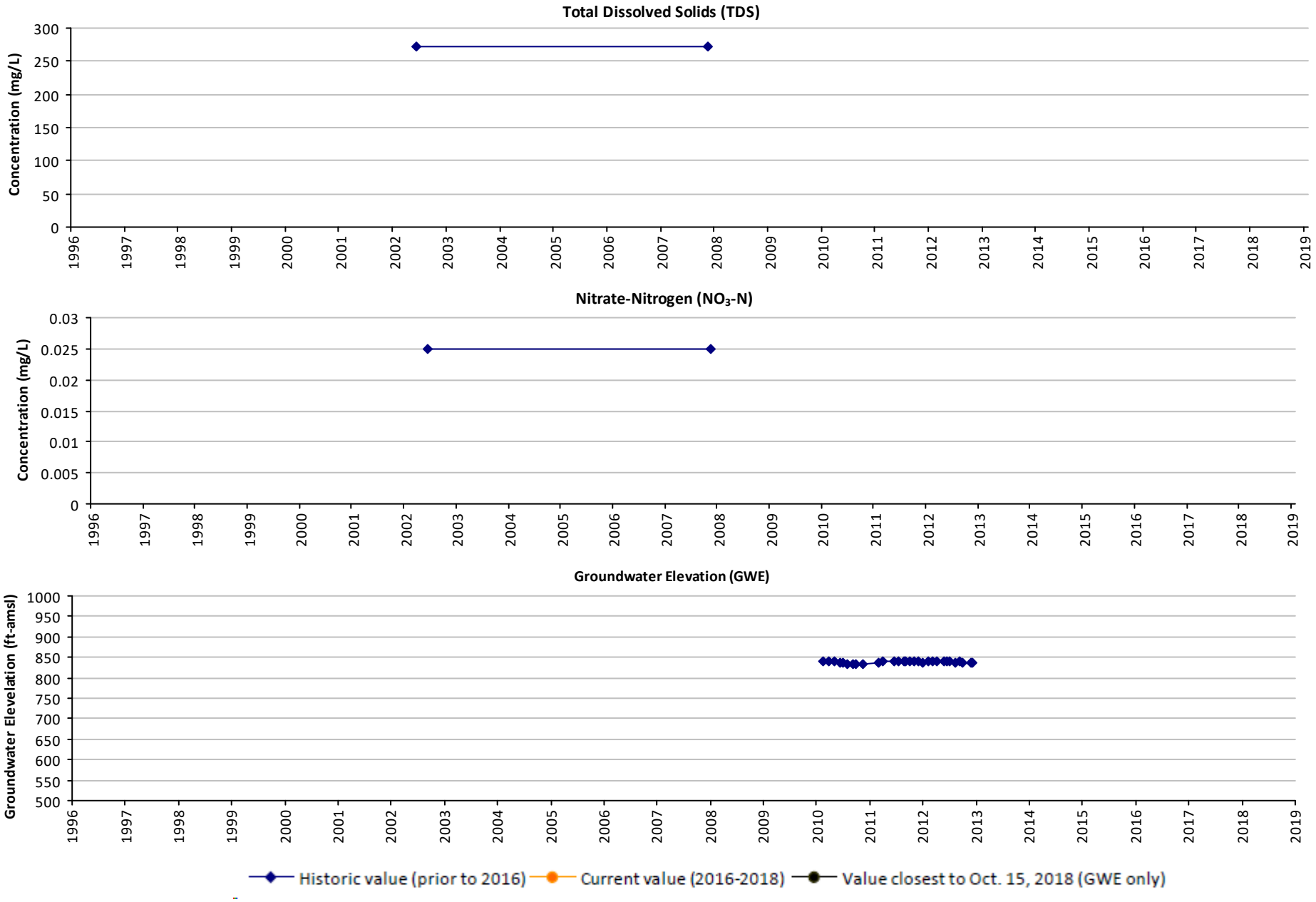

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

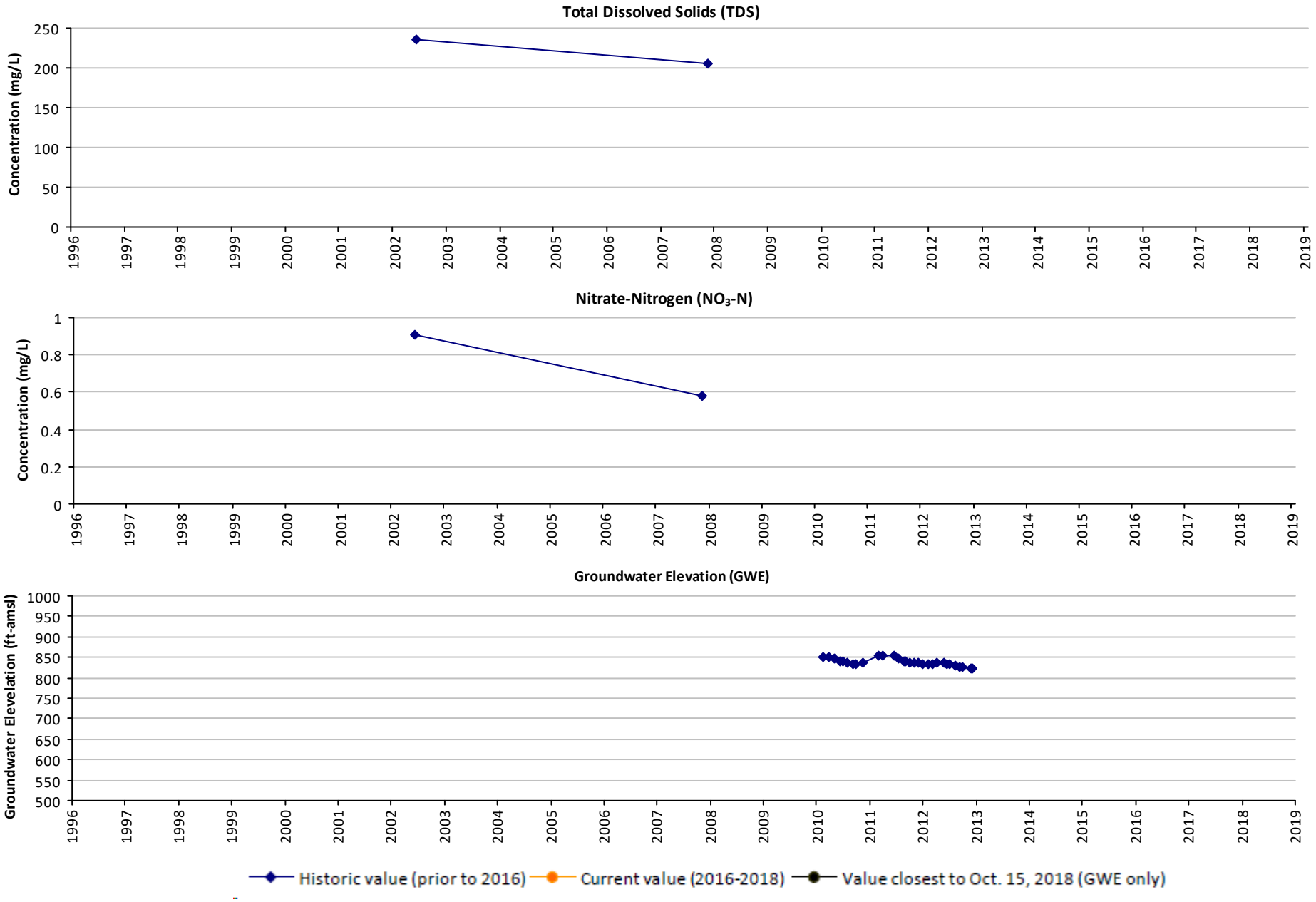

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

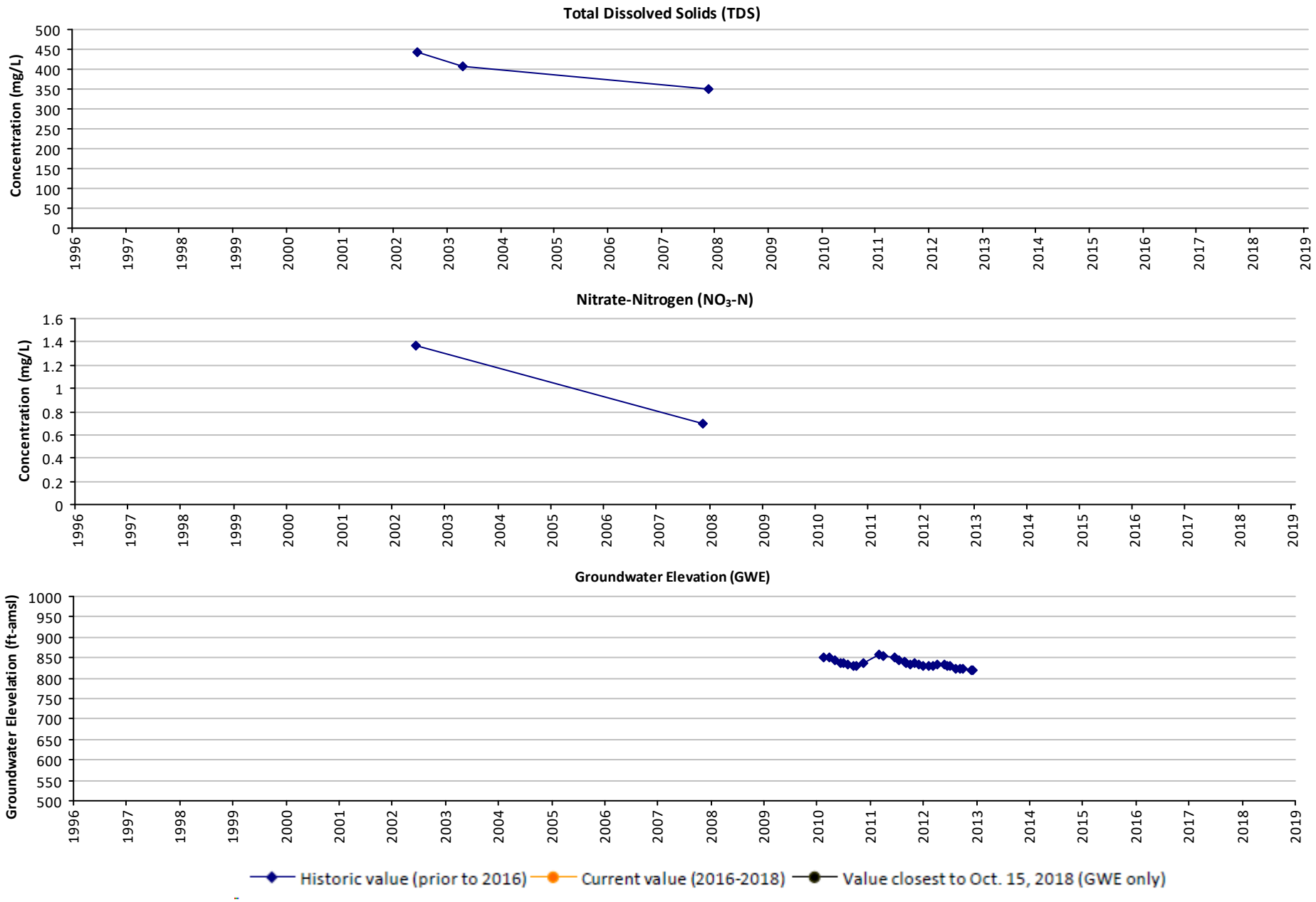

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

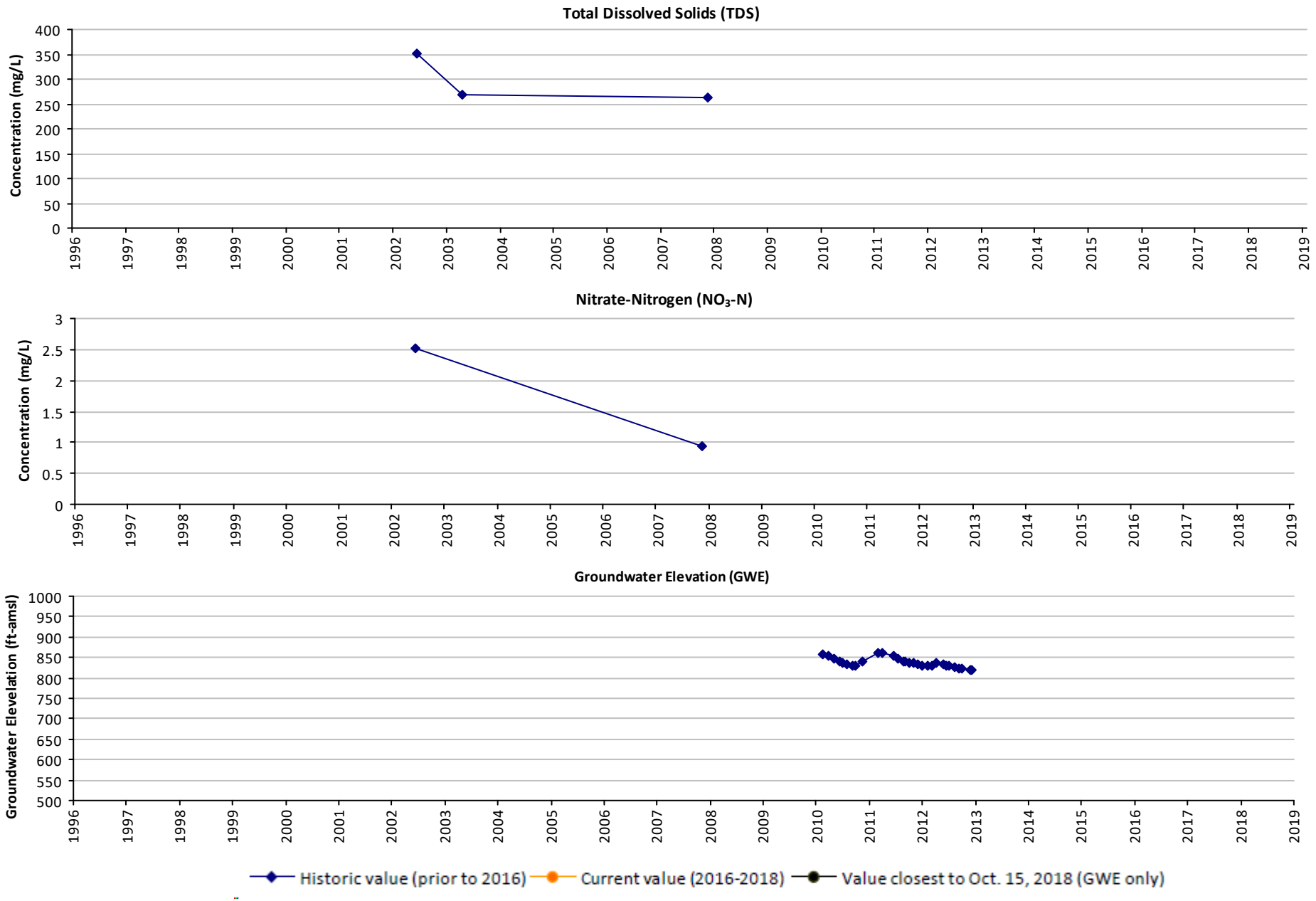

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

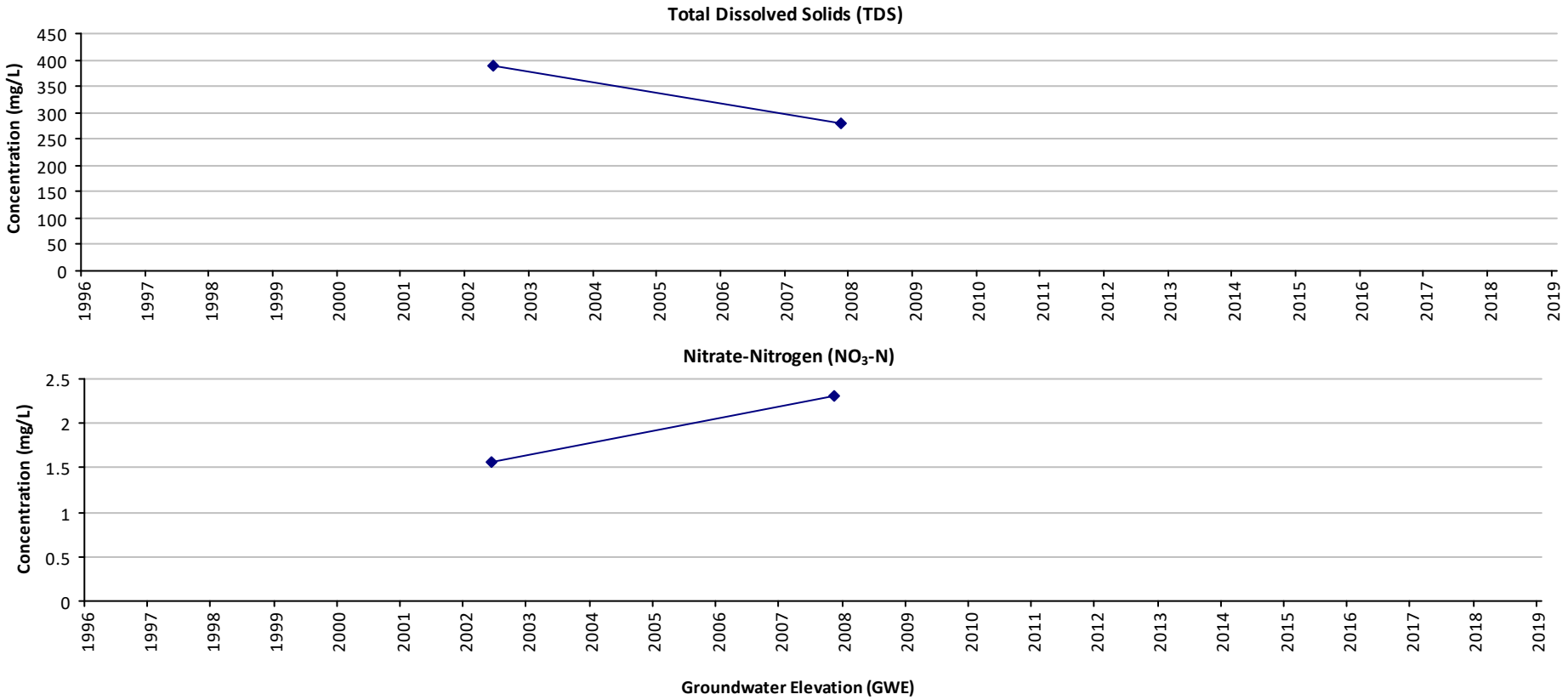

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

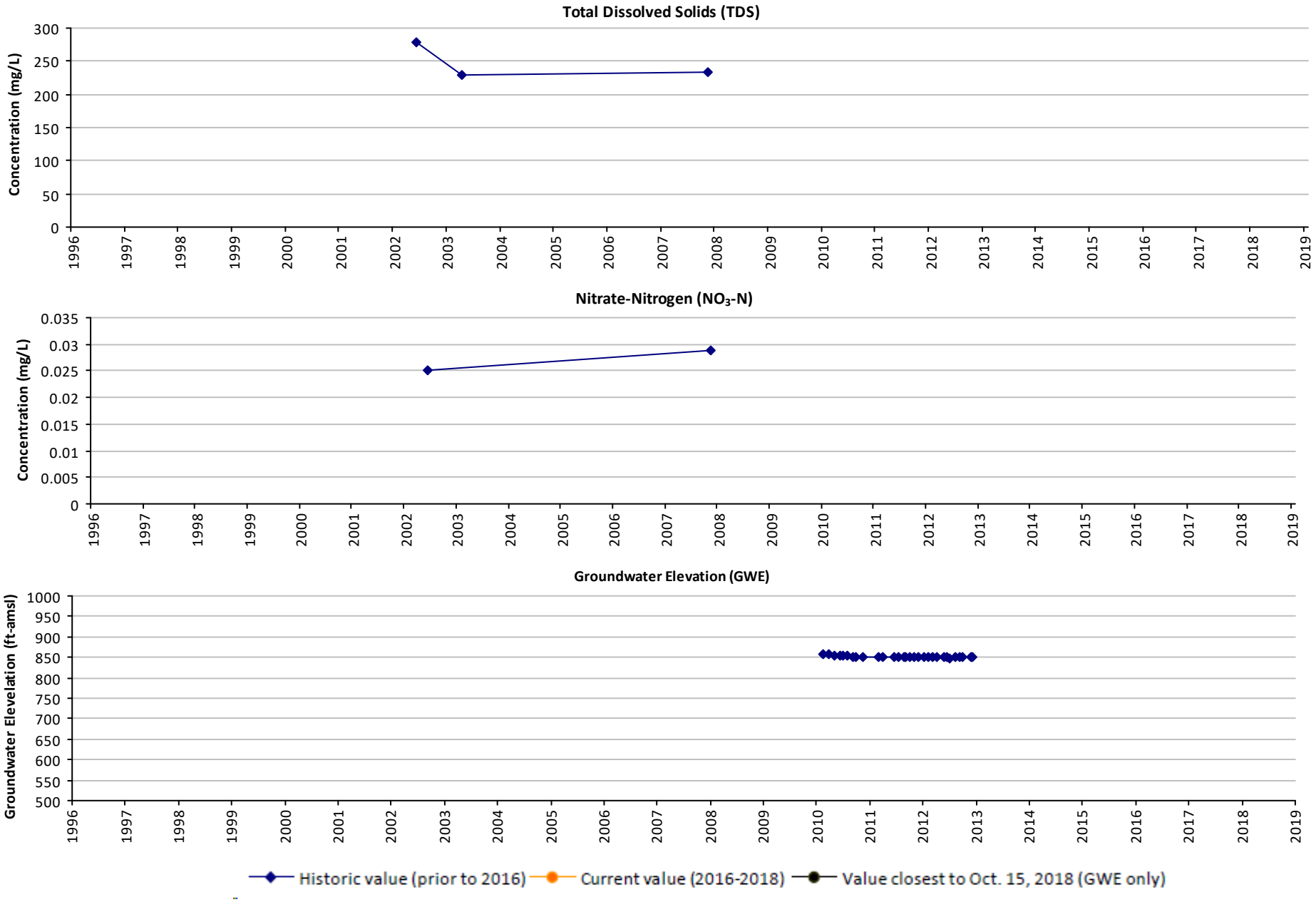

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

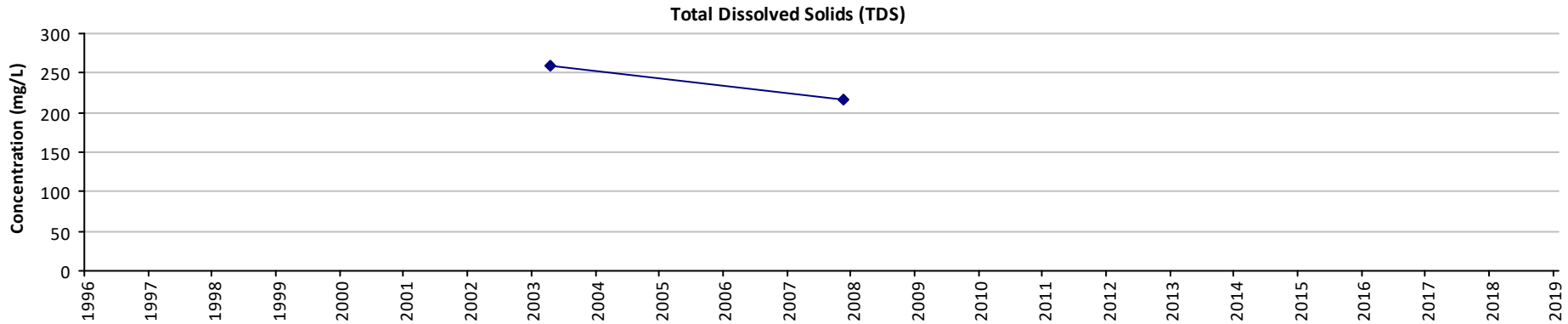

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

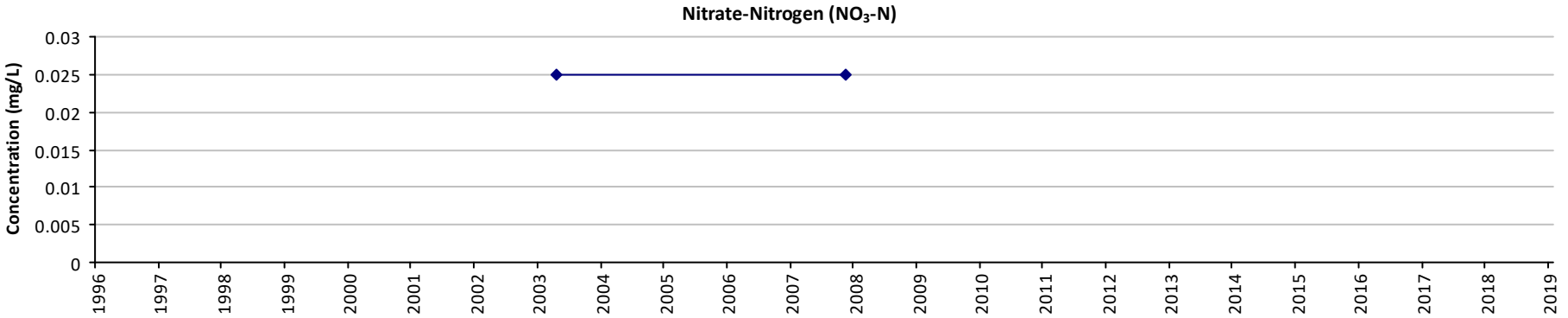

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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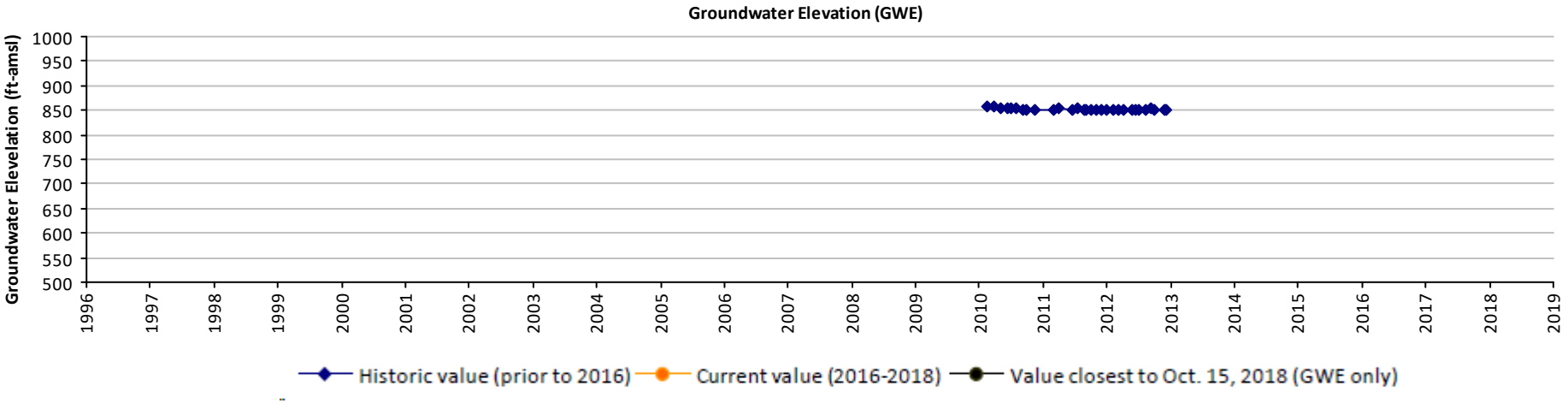
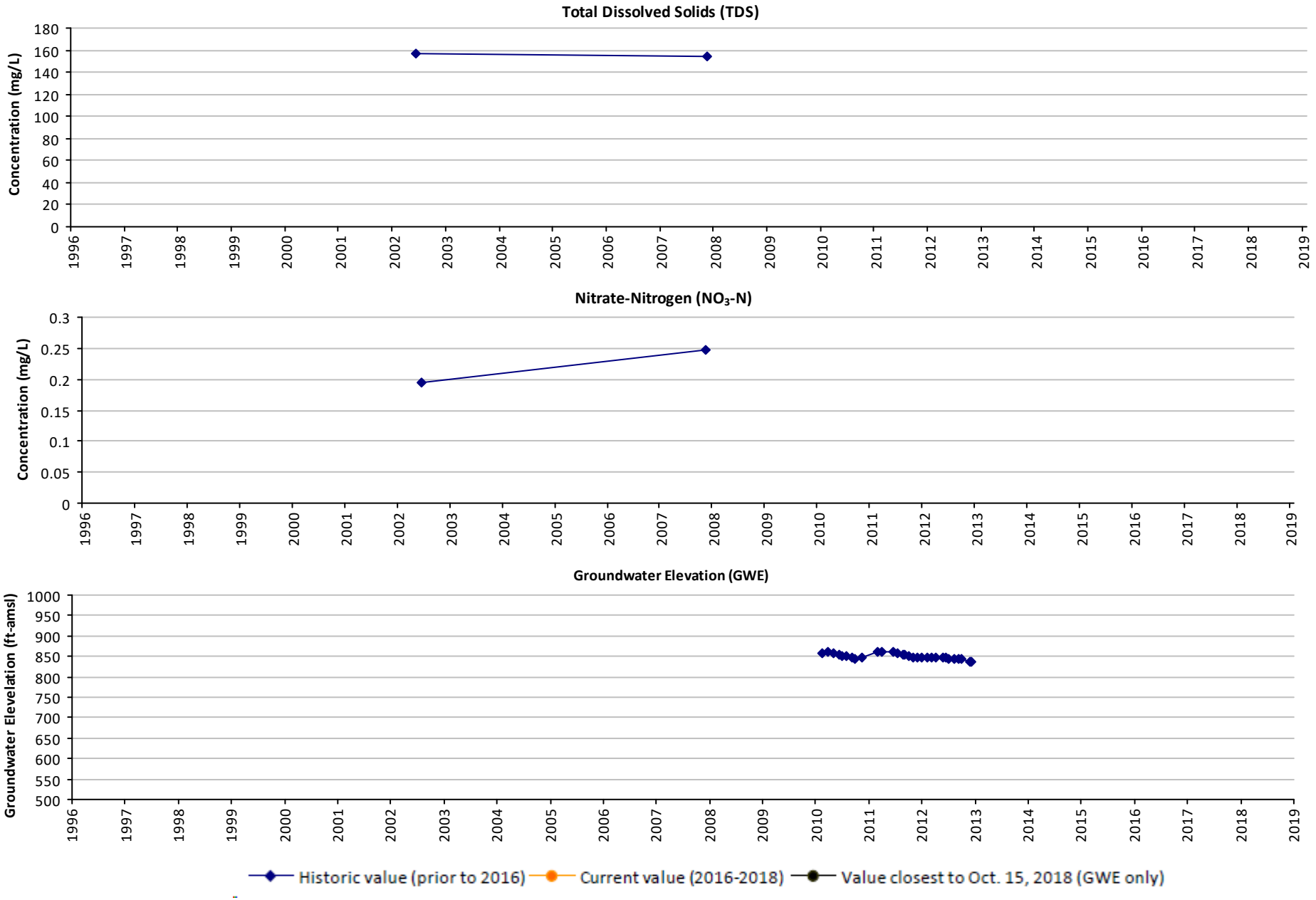
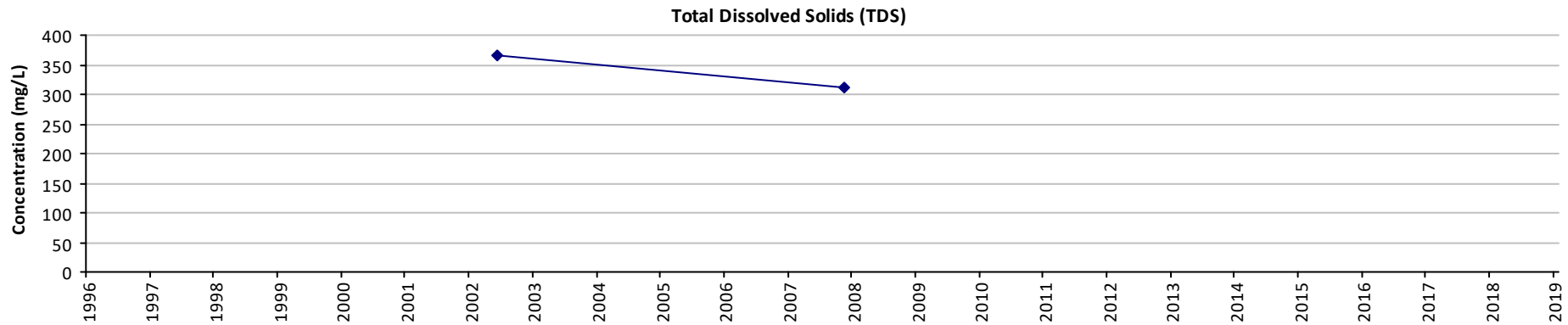
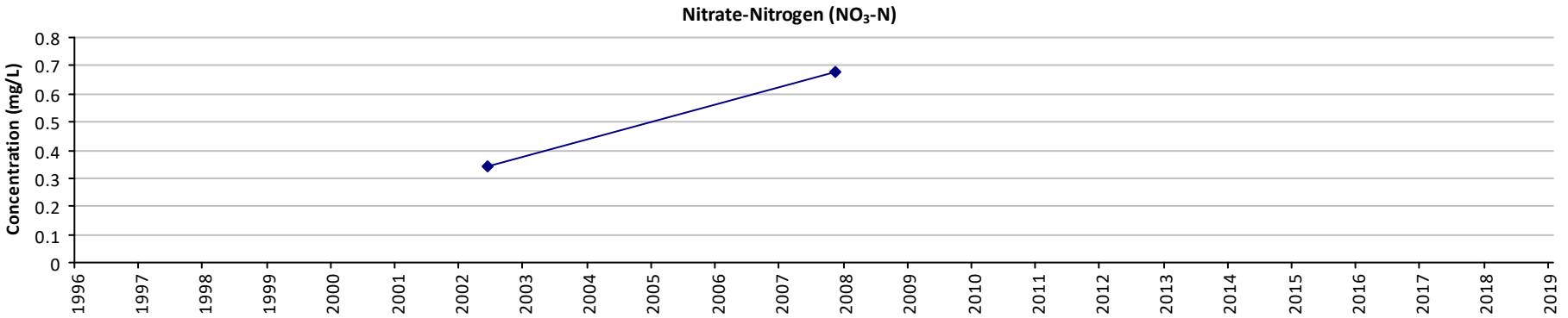
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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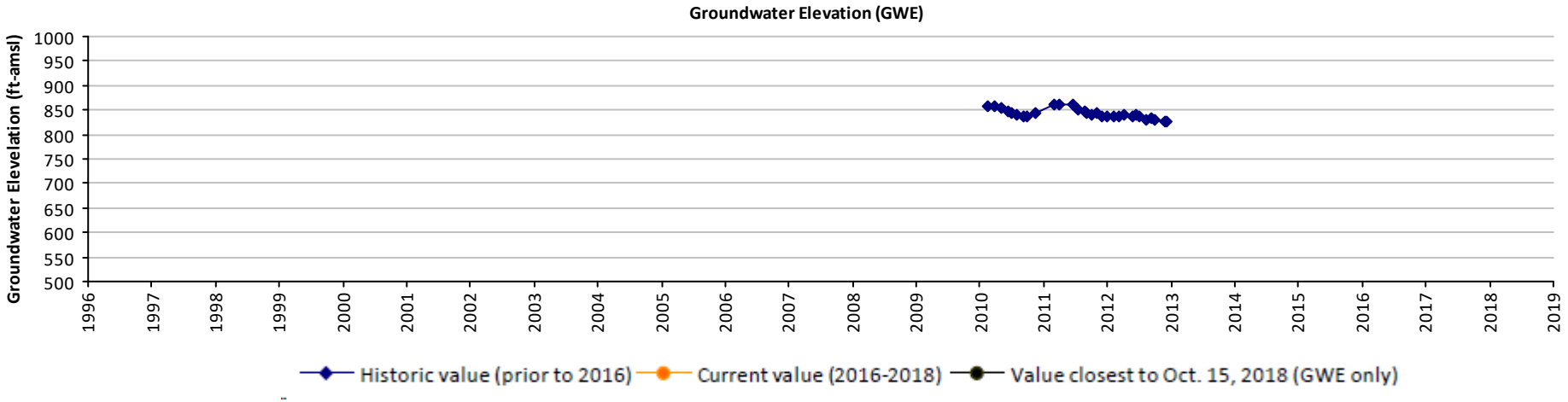
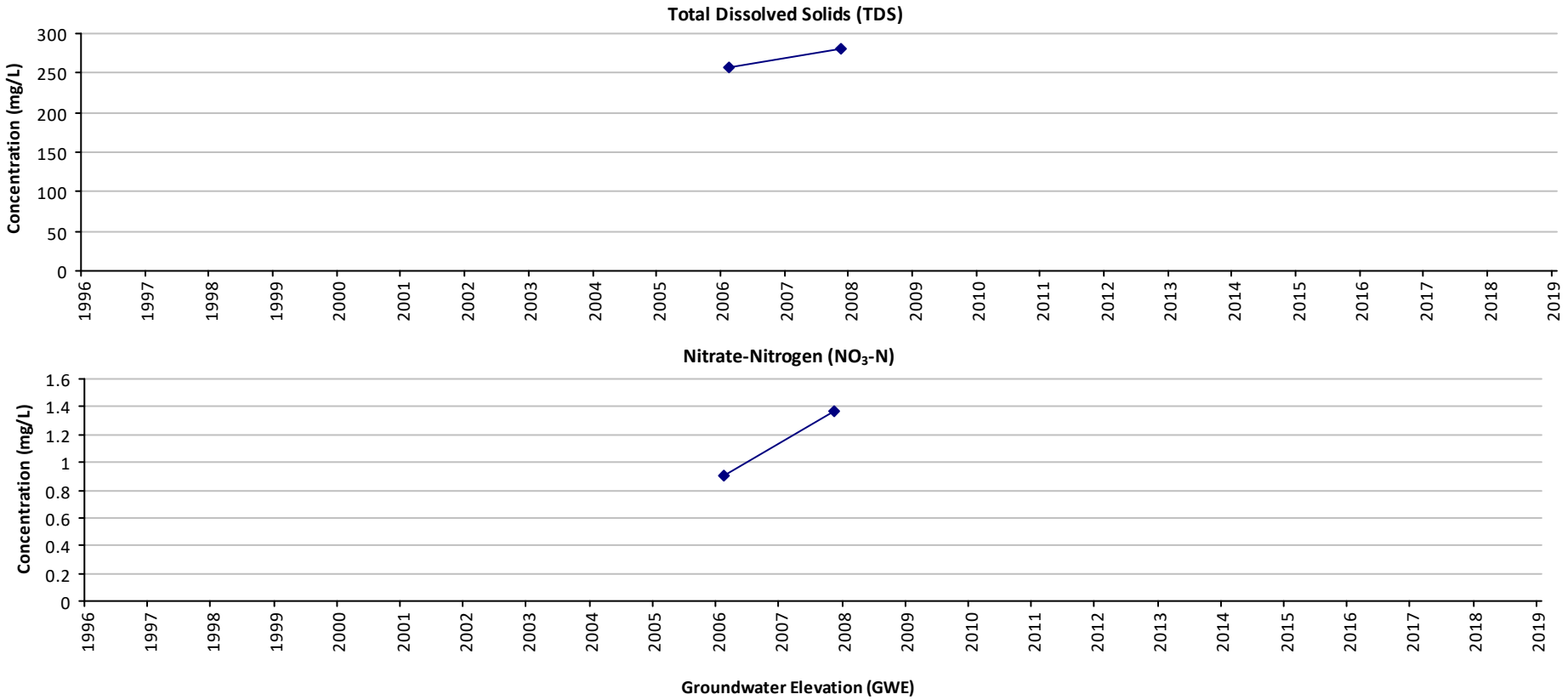
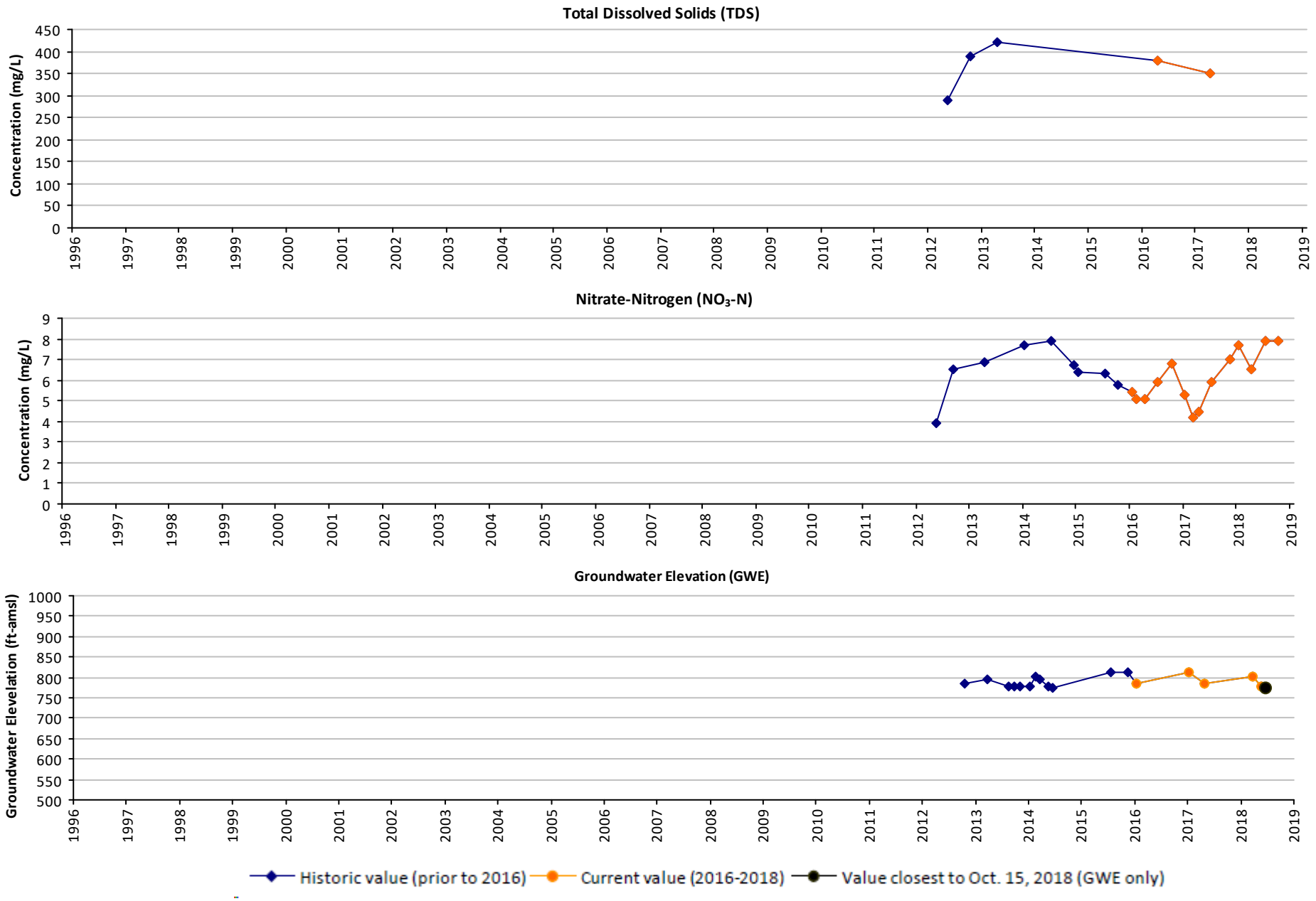
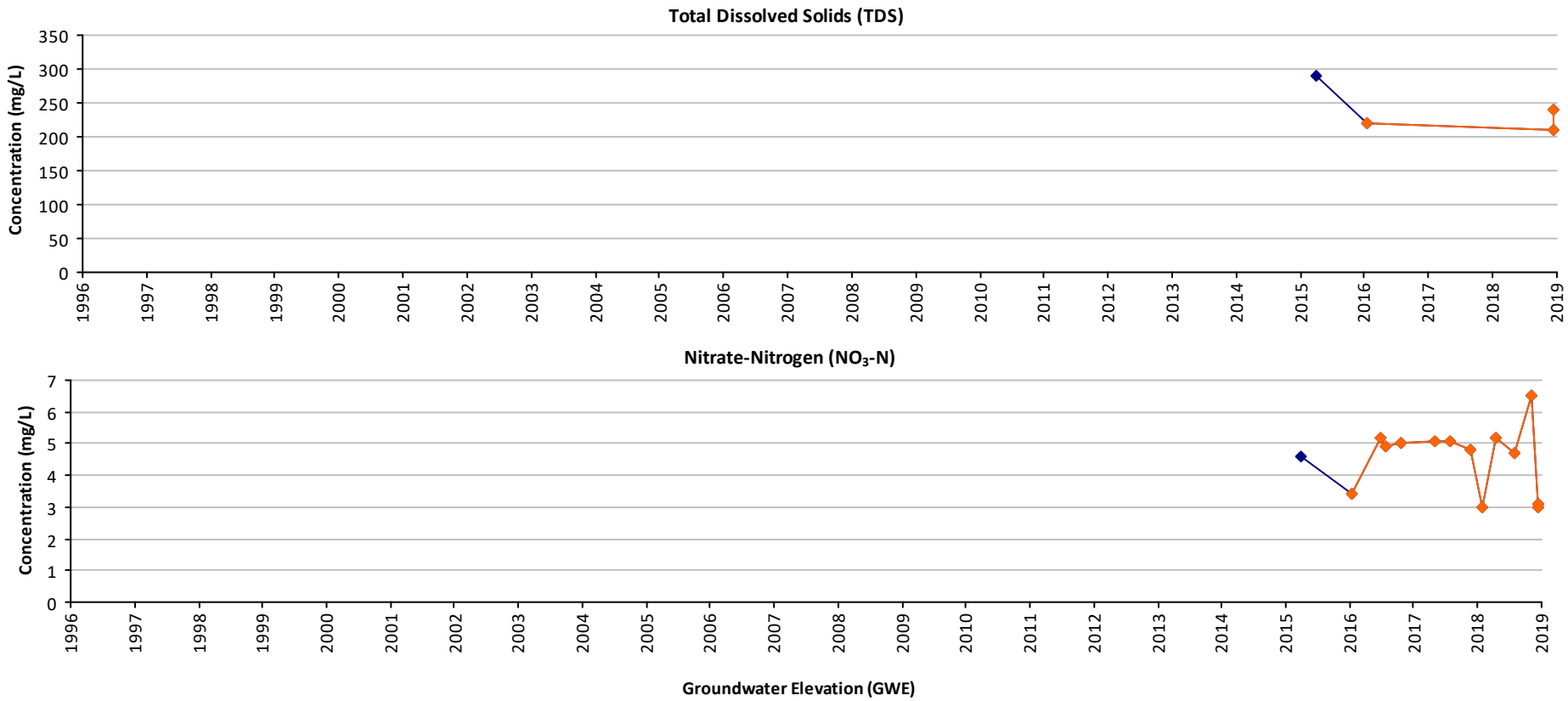
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

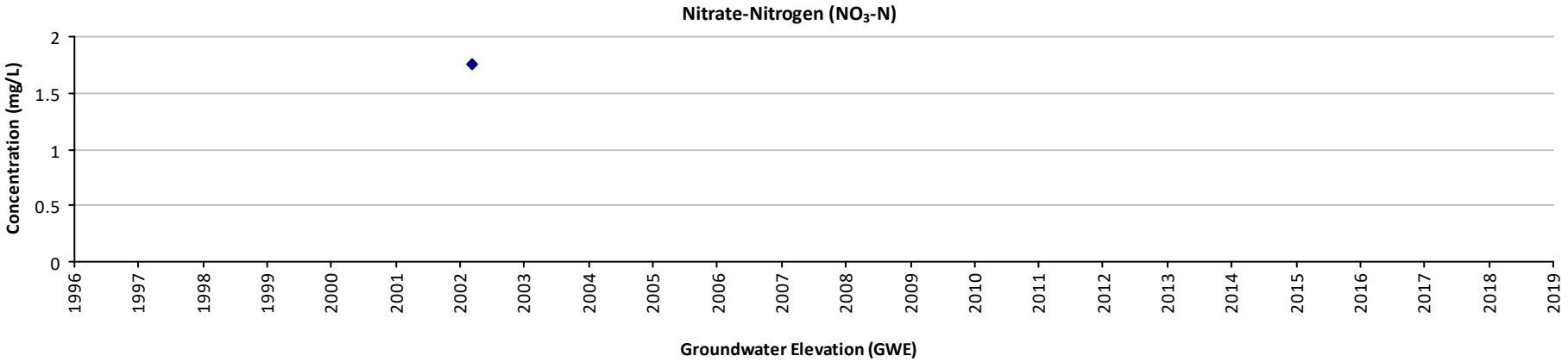

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

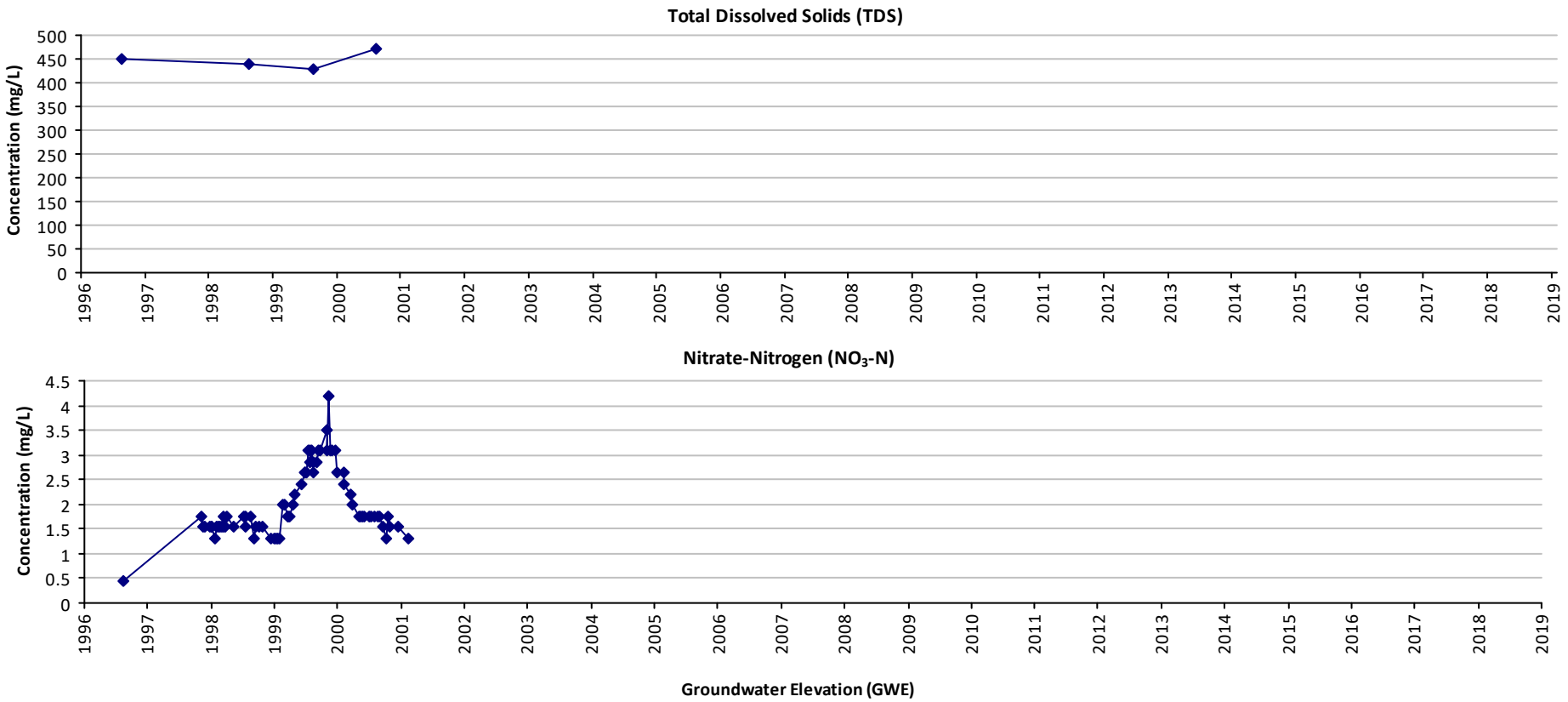

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

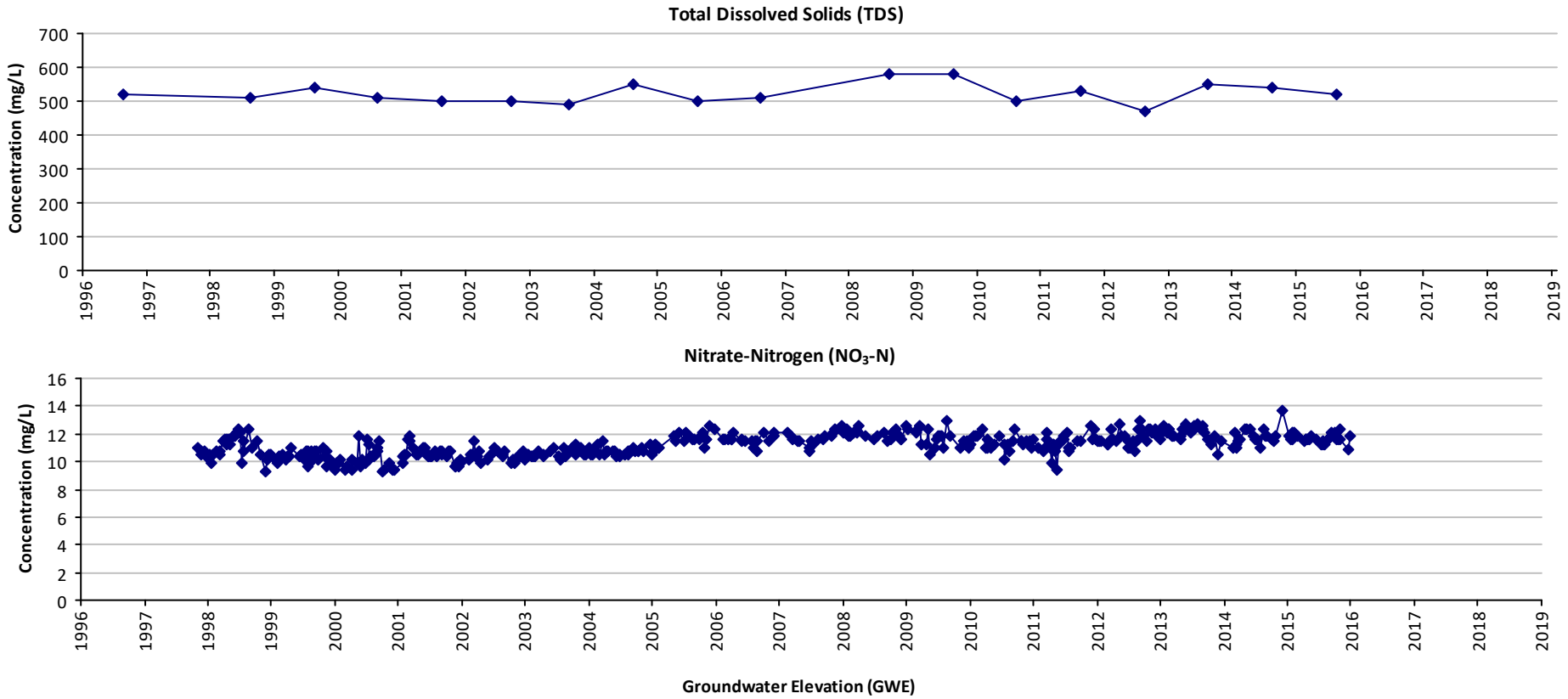

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

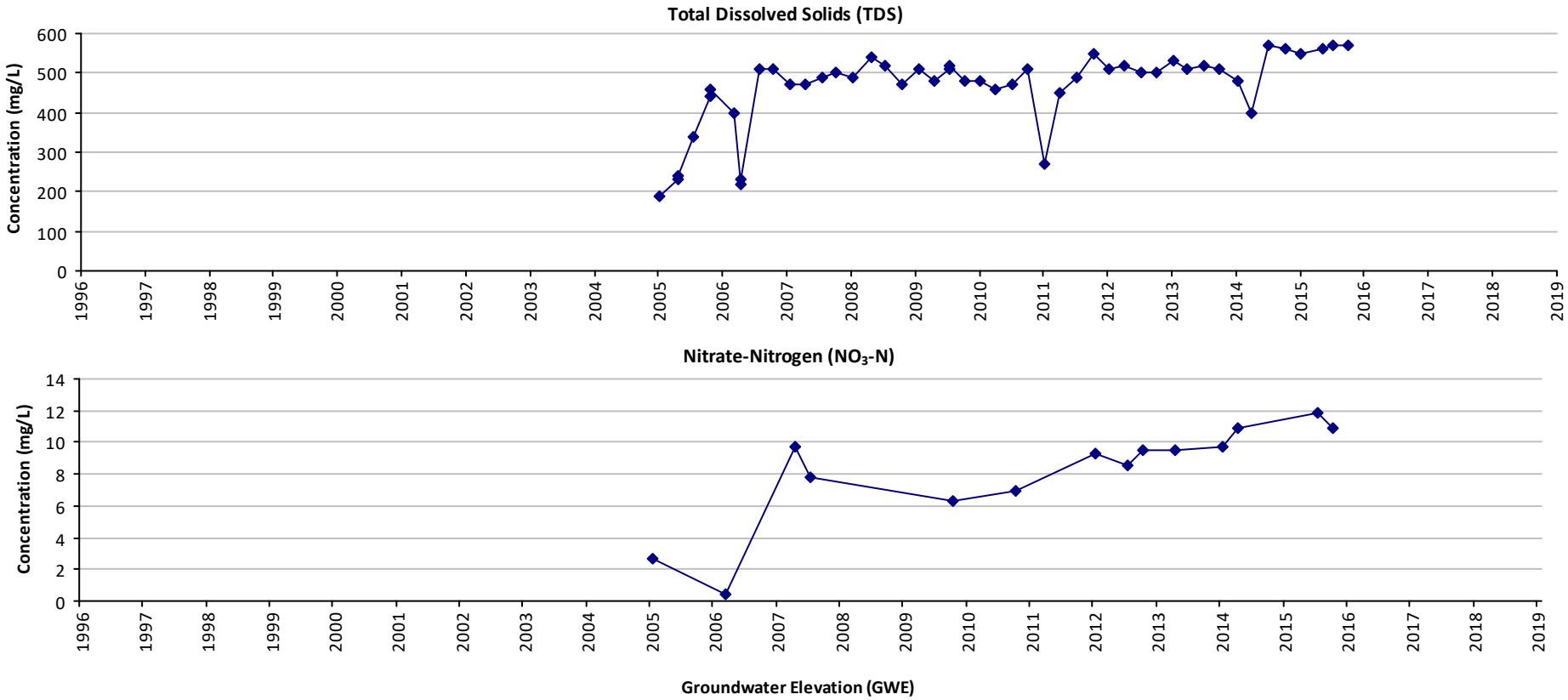


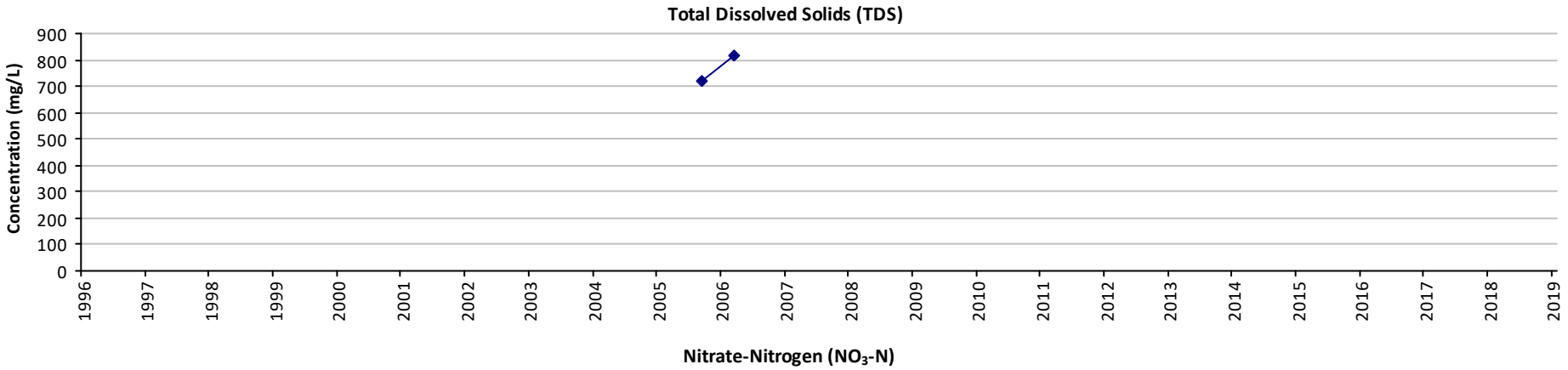
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

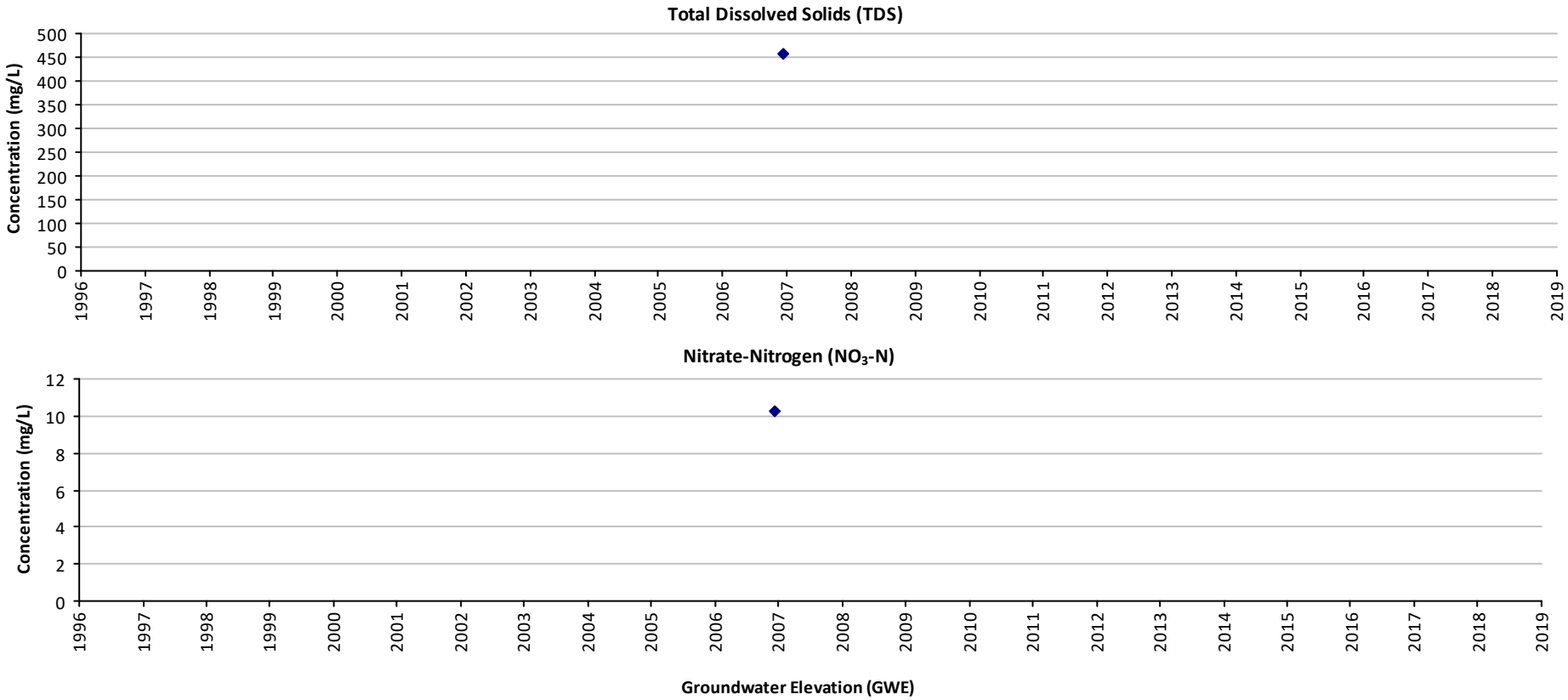

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

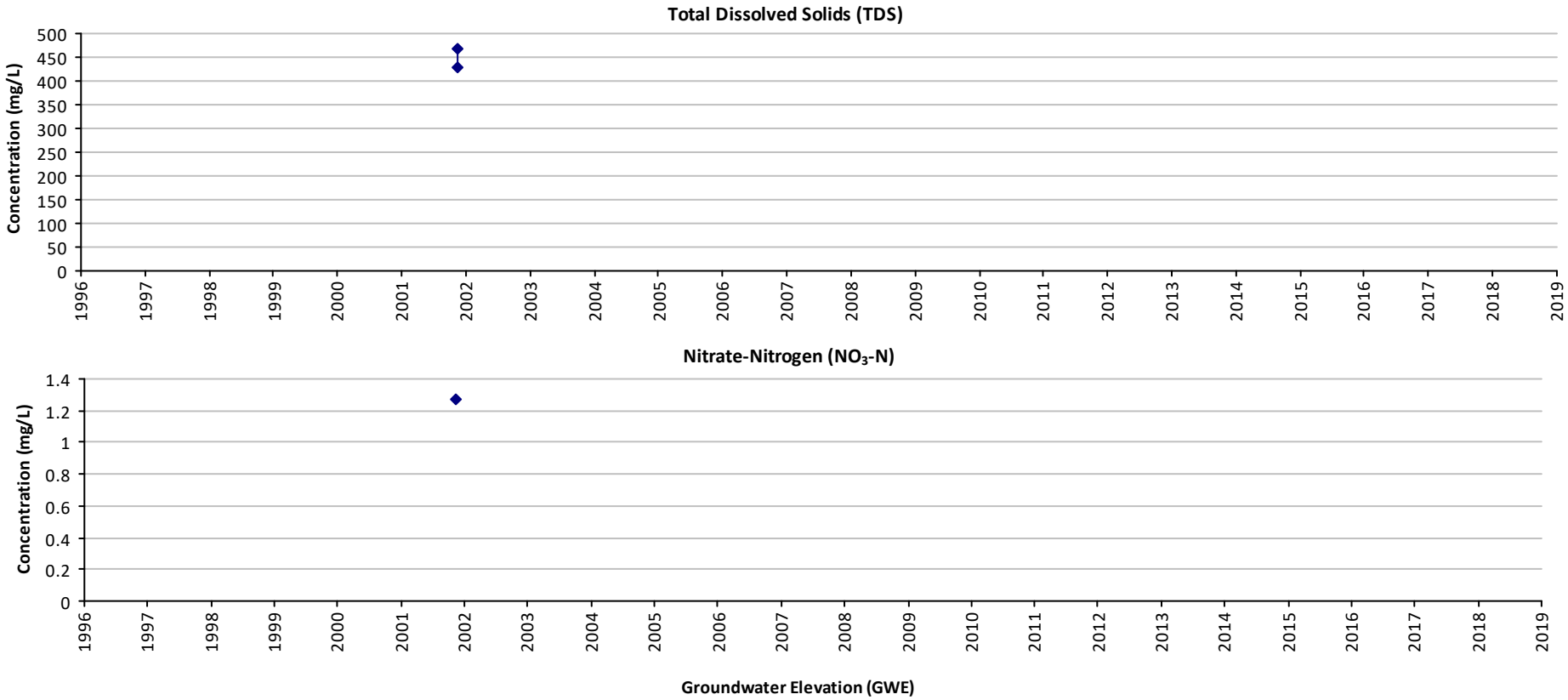


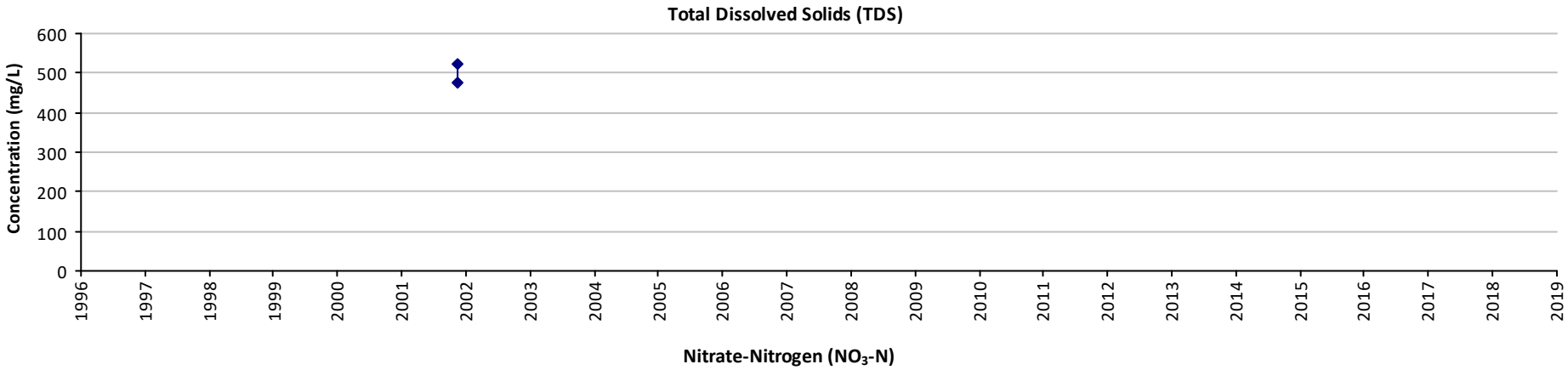
Nitrate-Nitrogen (NO_3-N)

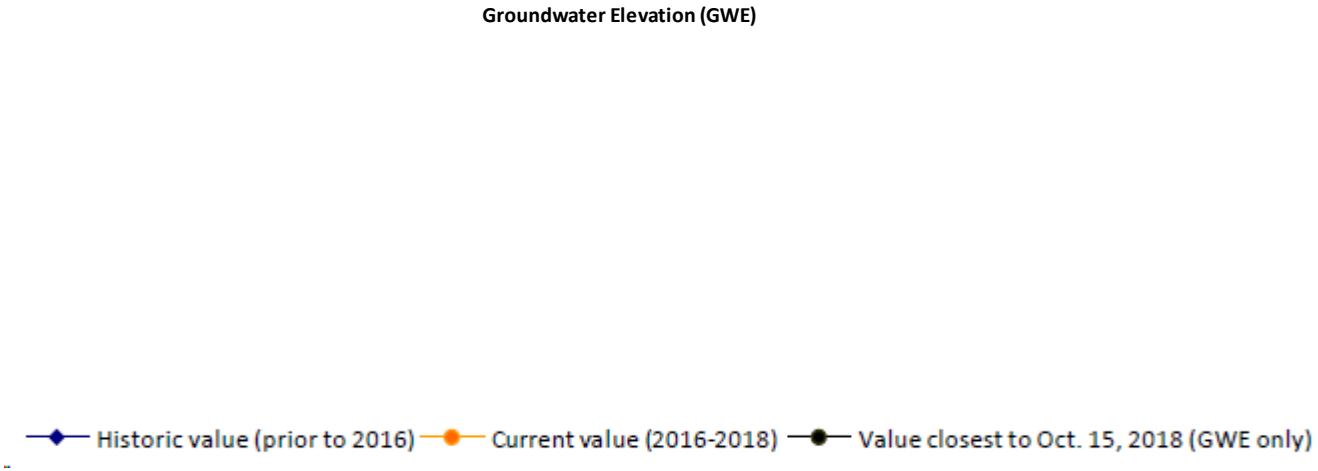
Groundwater Elevation (GWE)

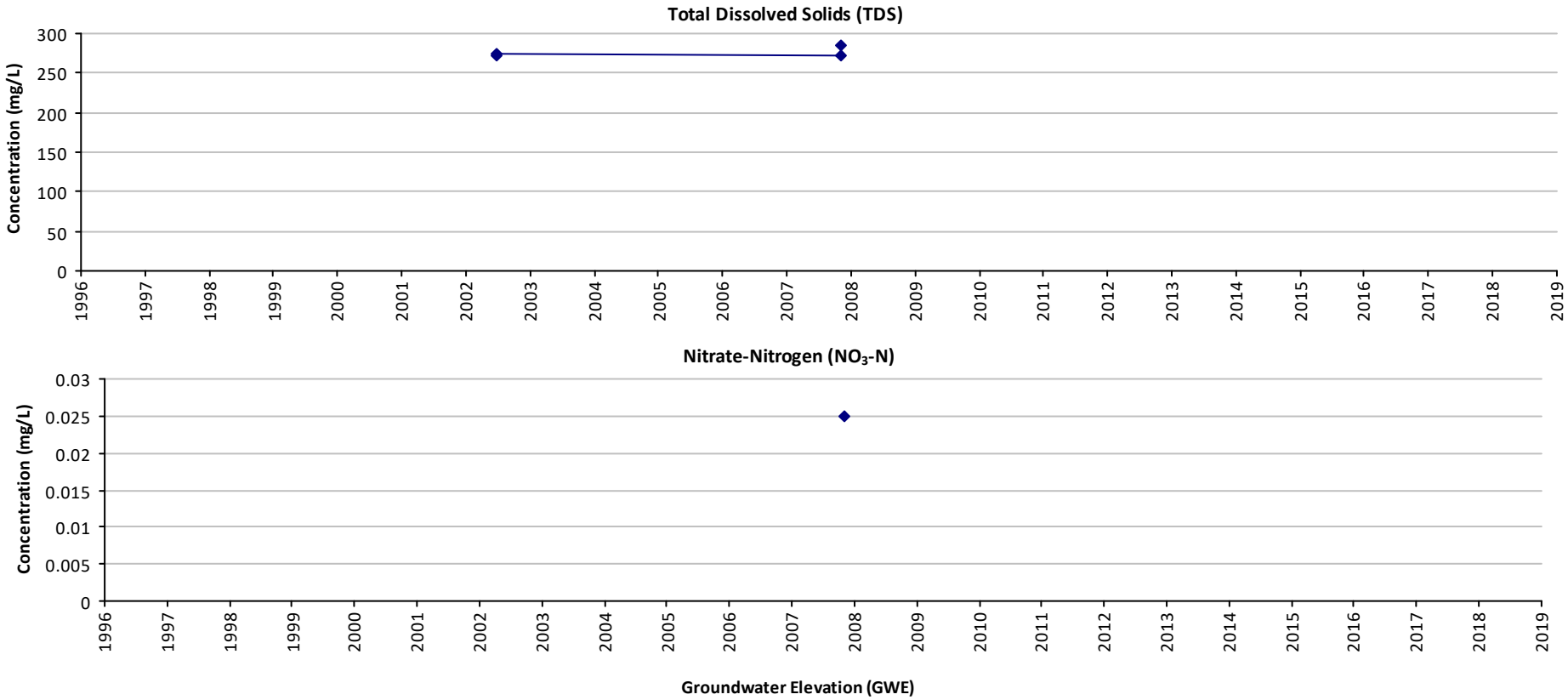
Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

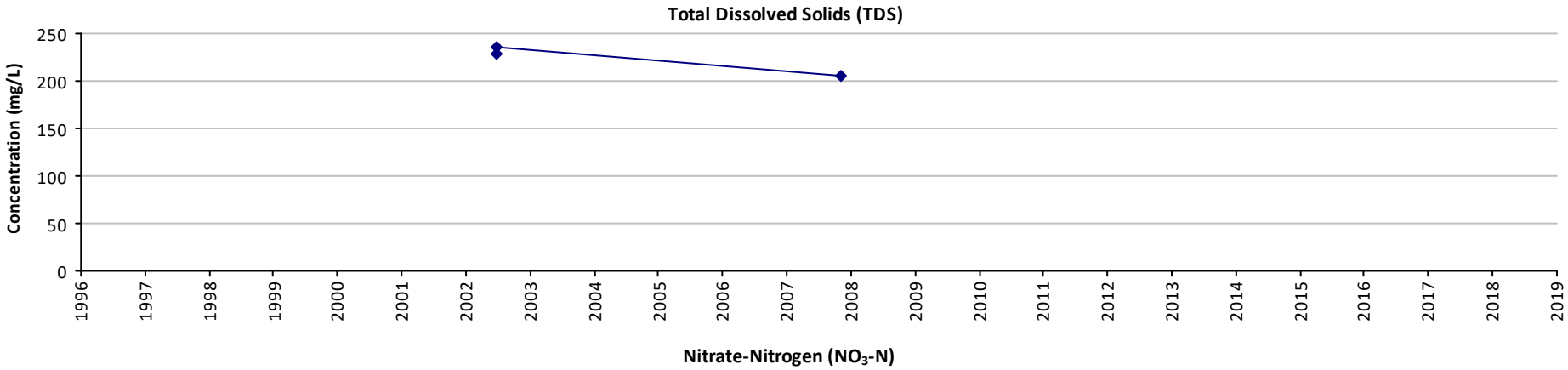

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
2010
2011
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2013
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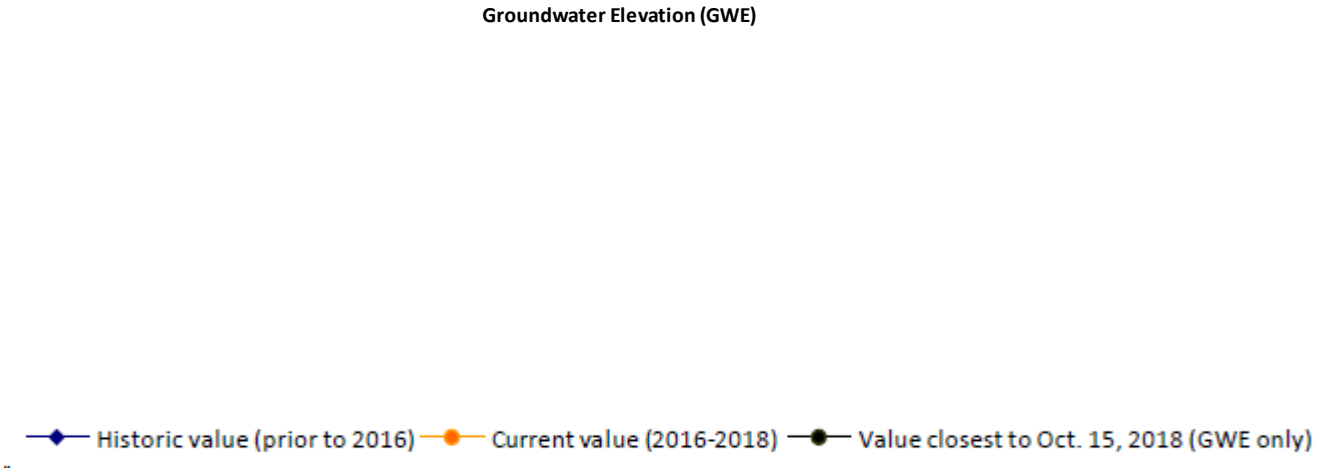
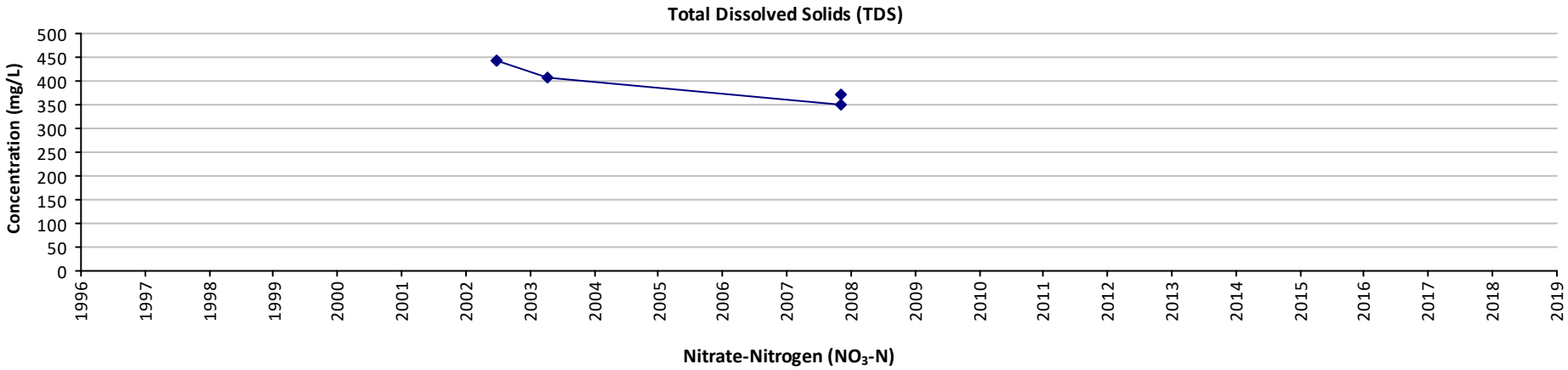
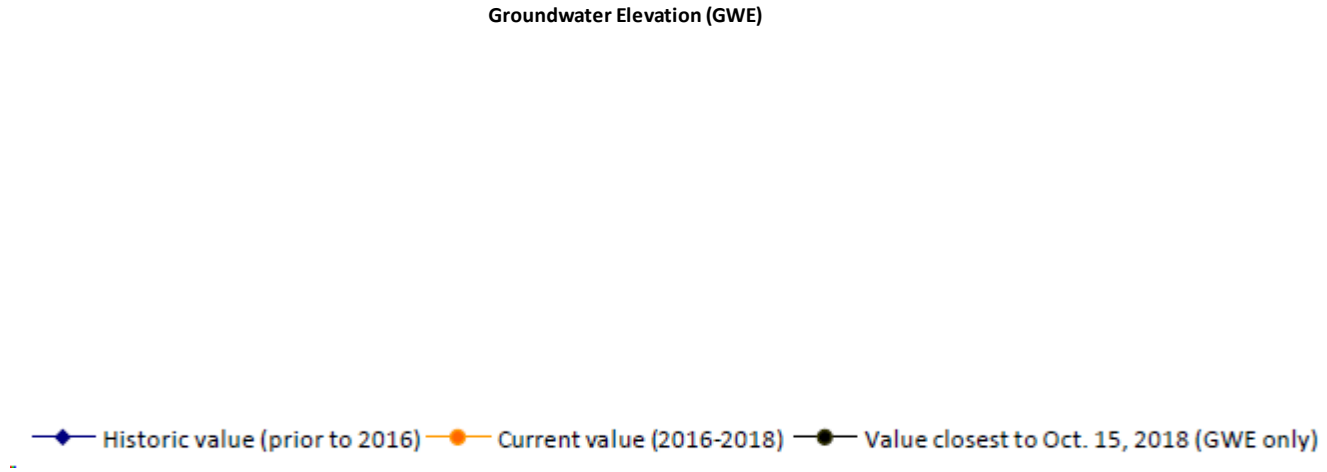
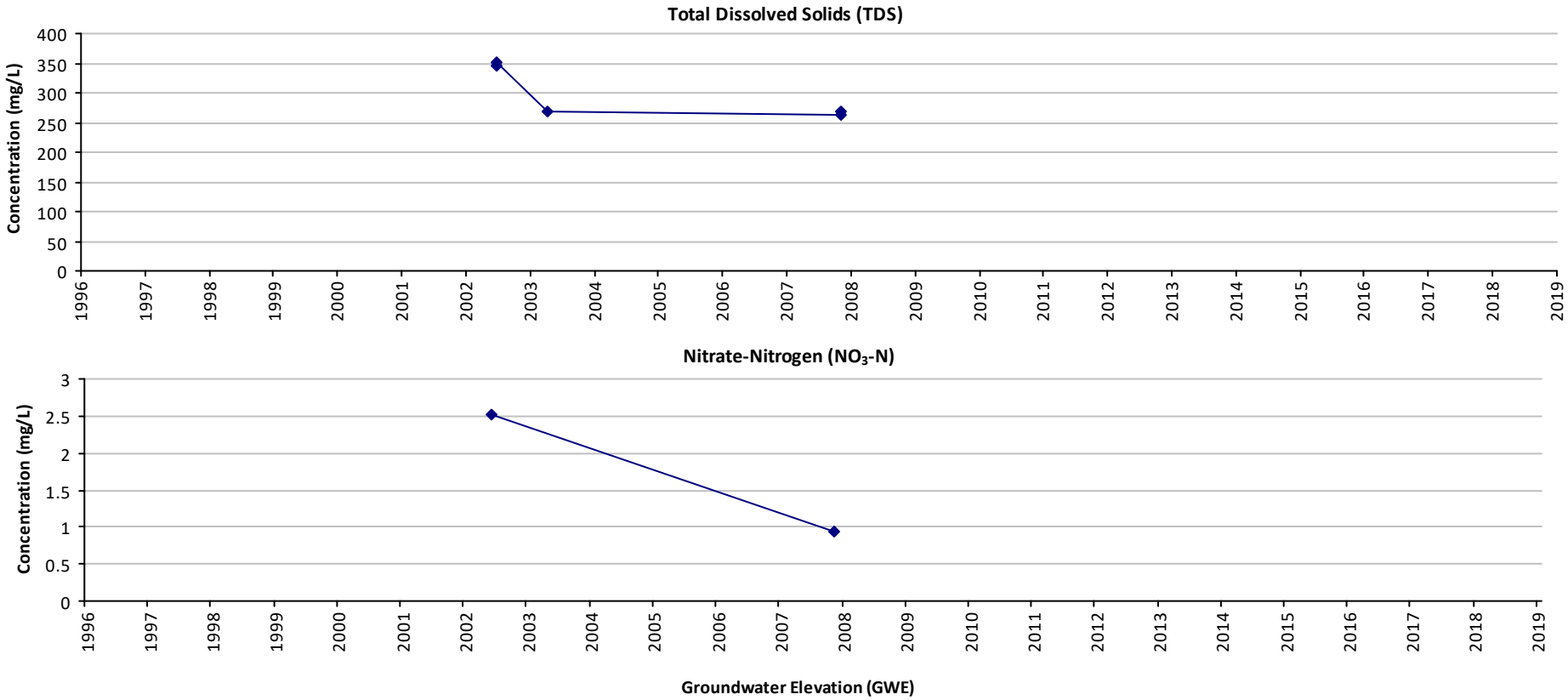
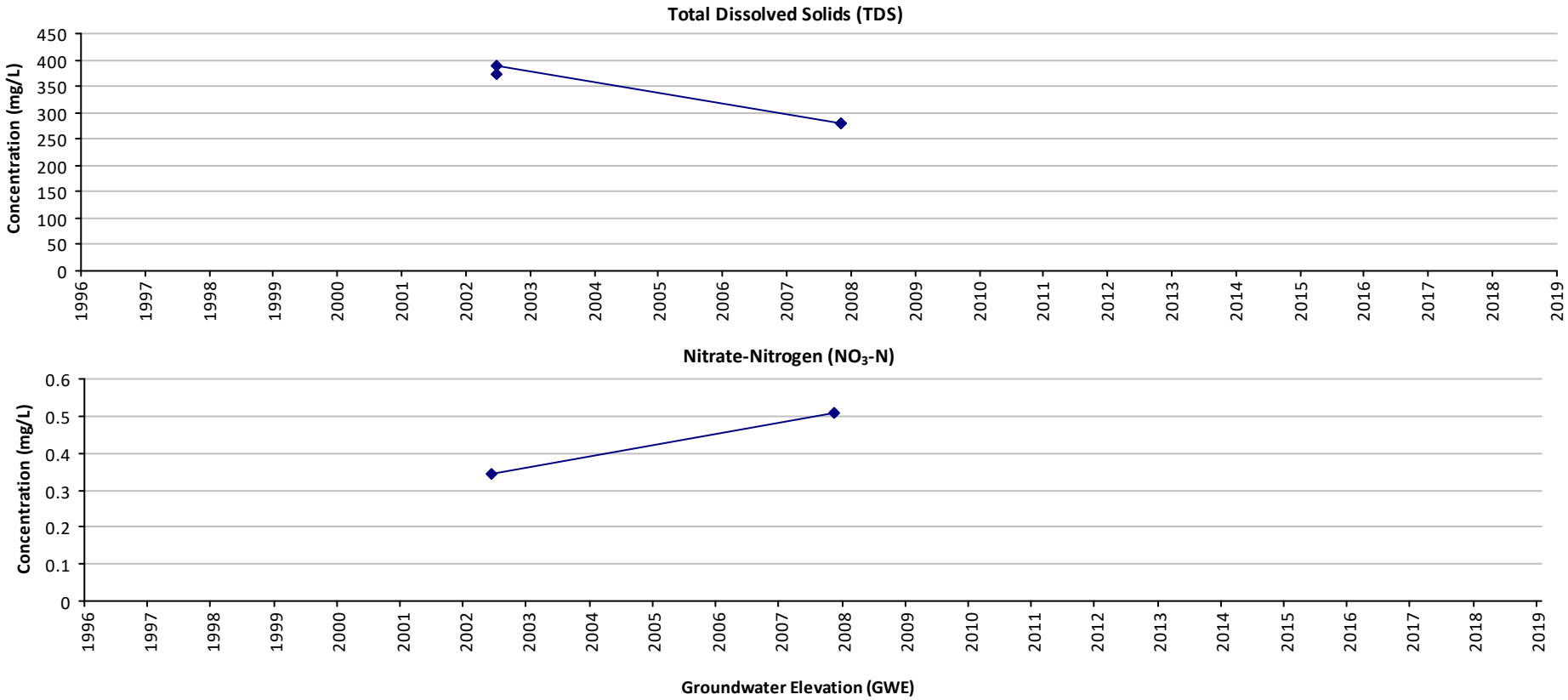
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

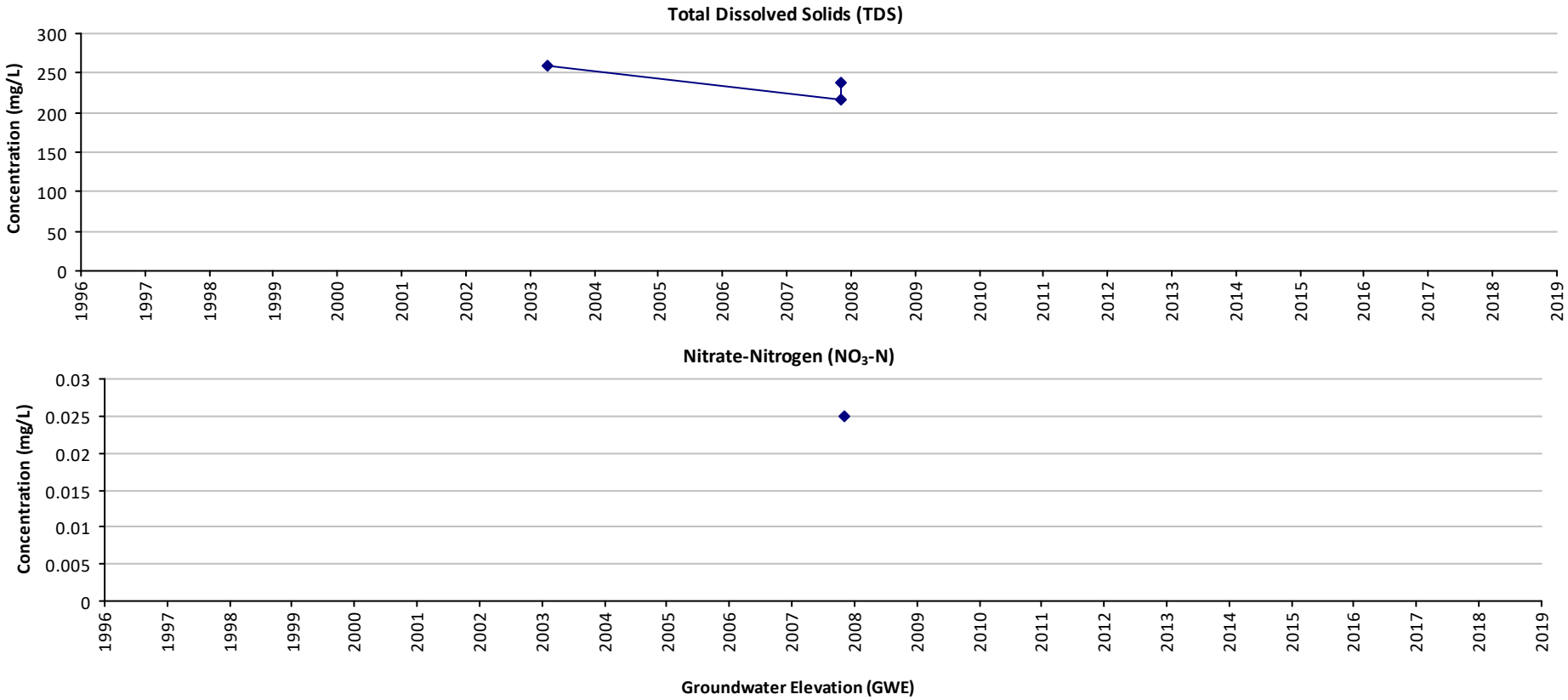

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

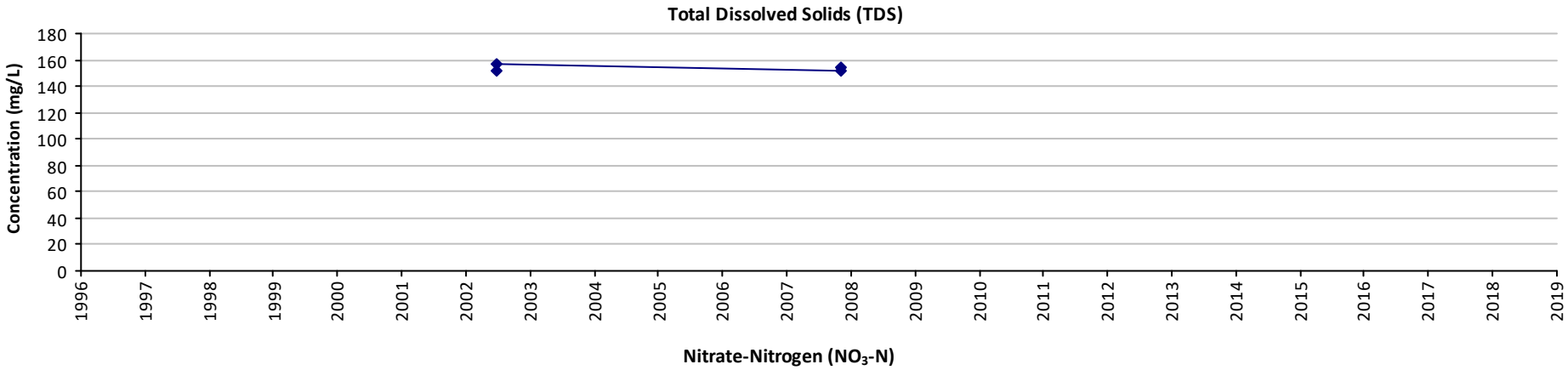

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

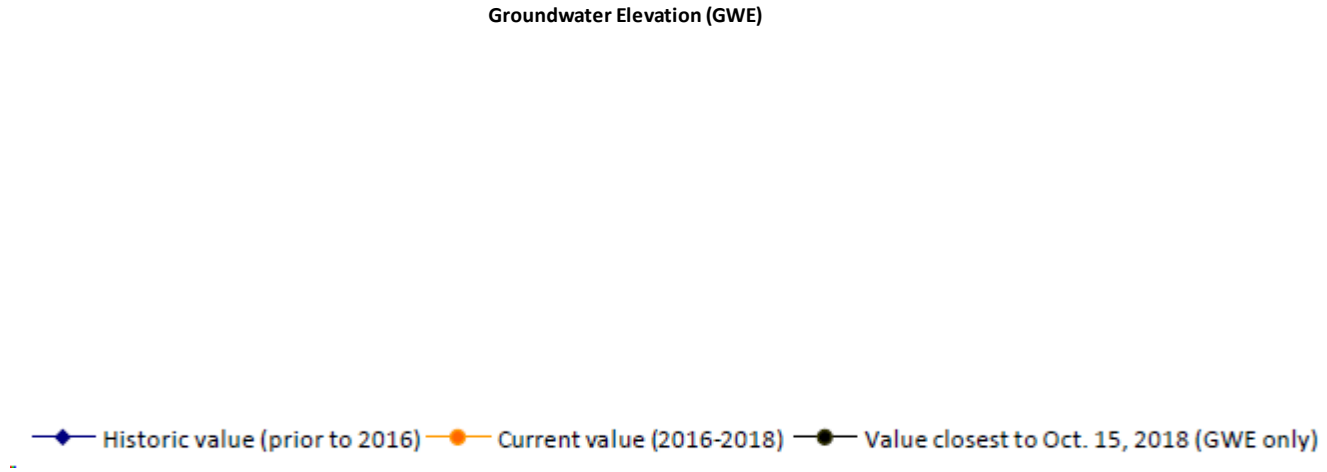

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

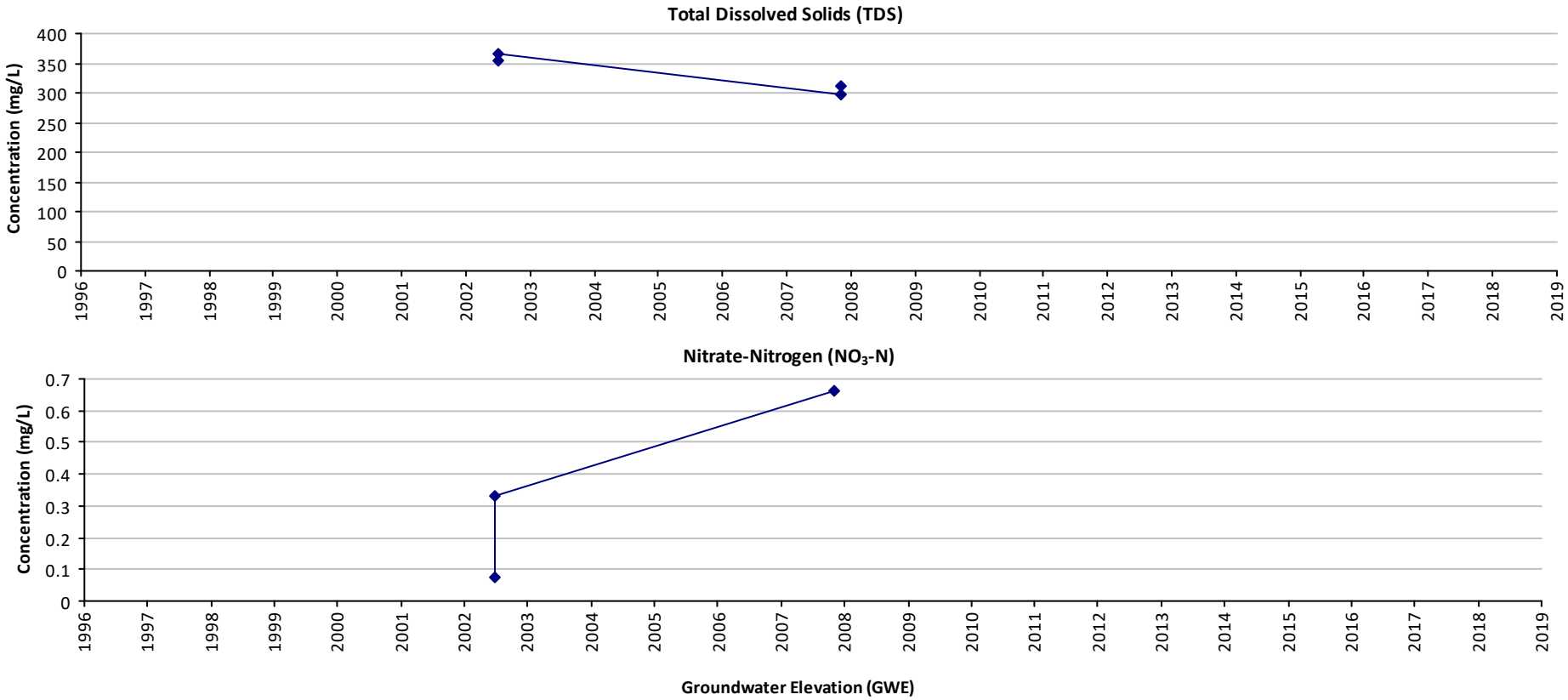

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

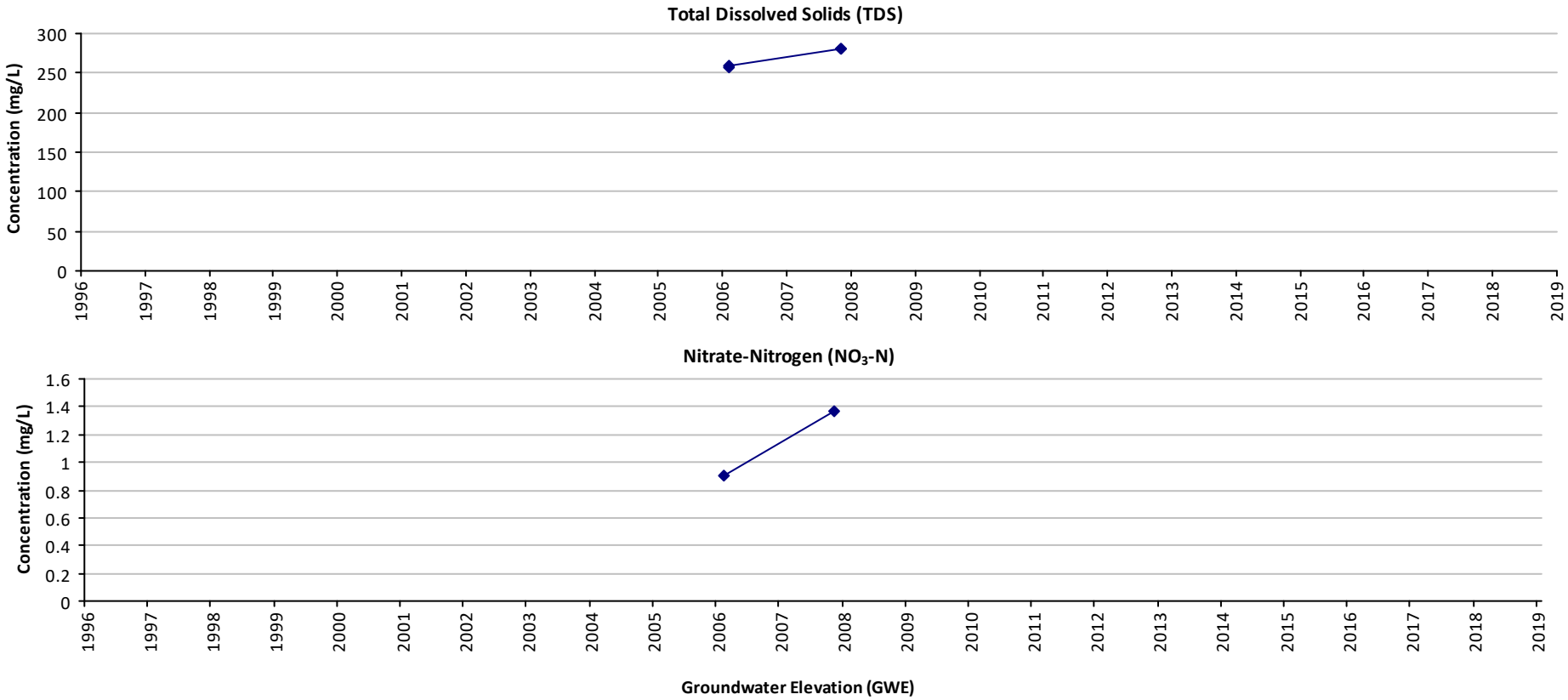

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

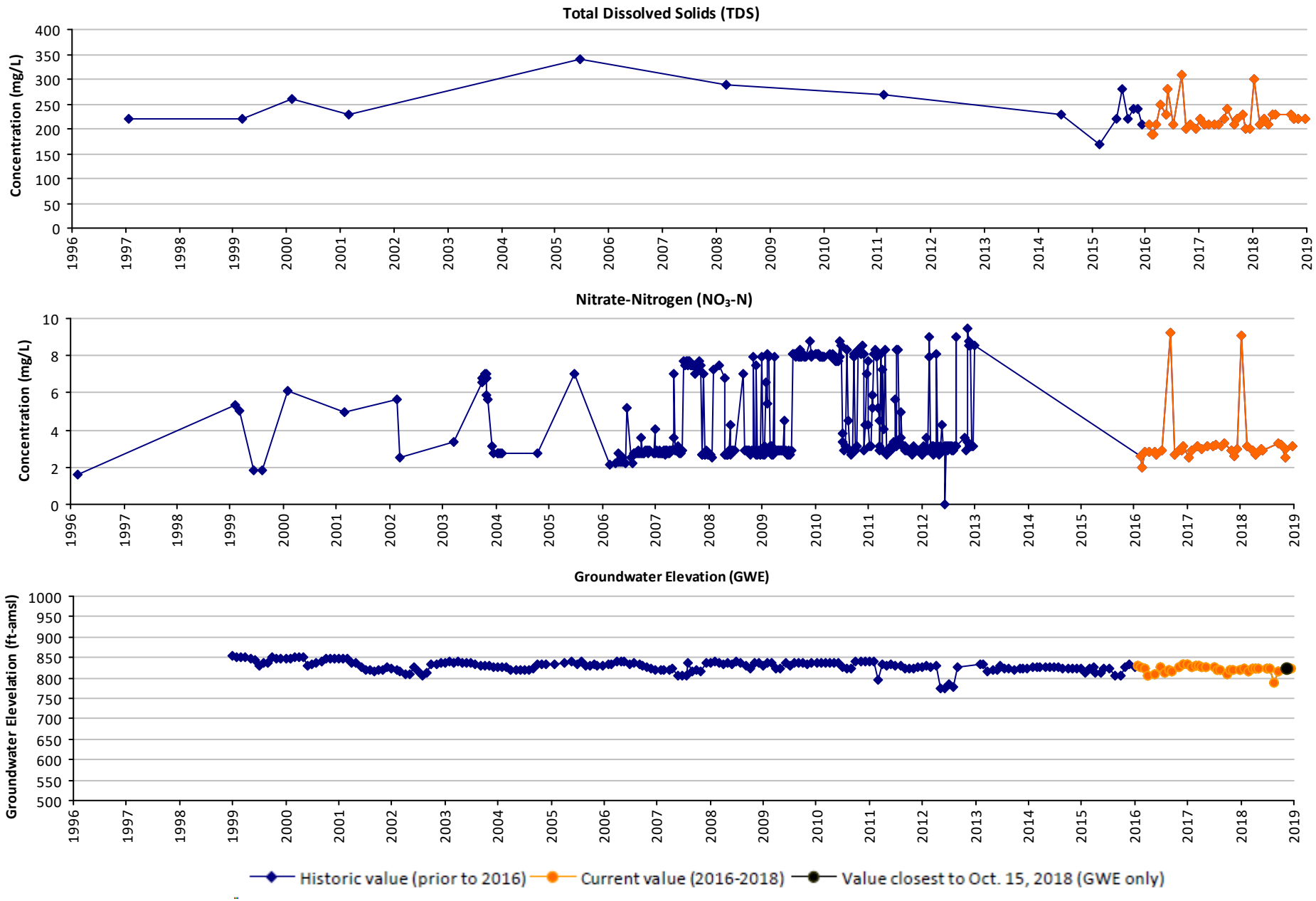

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

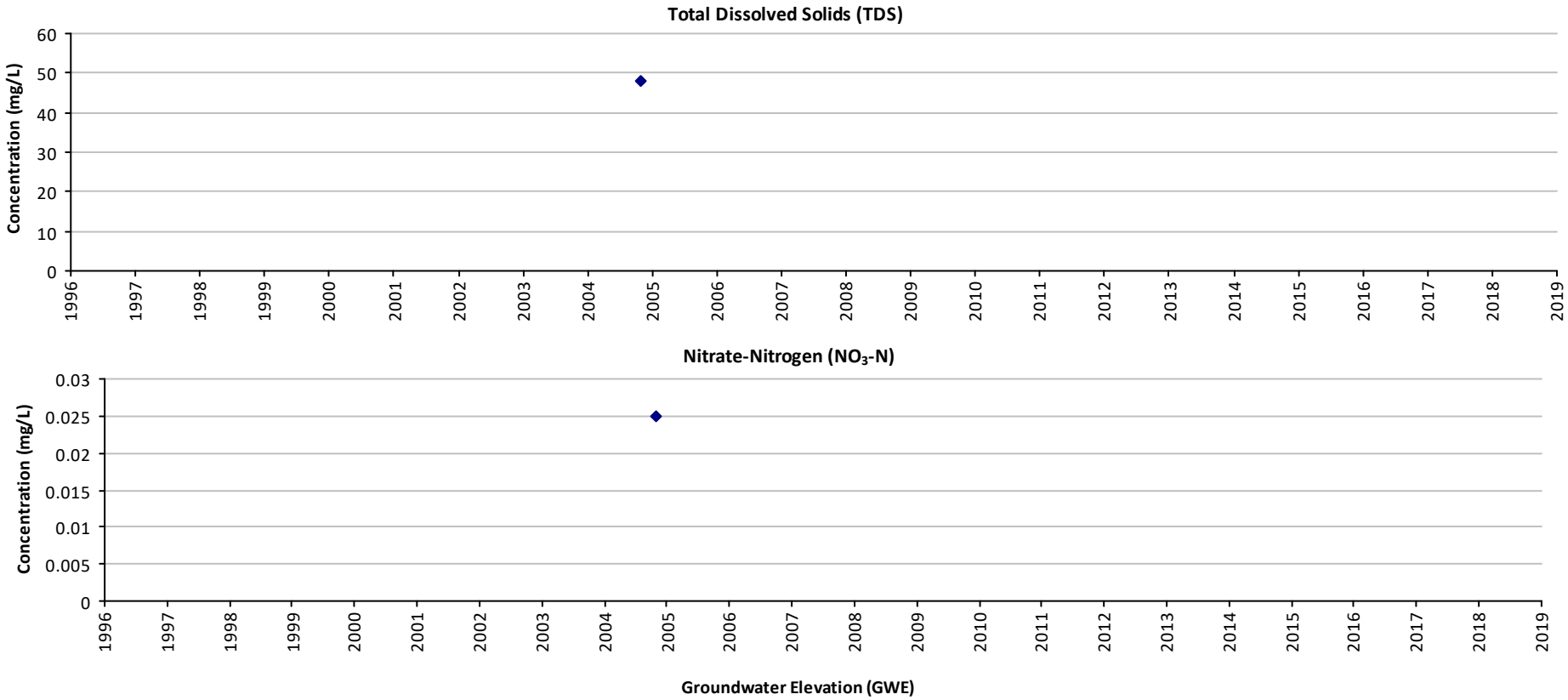

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

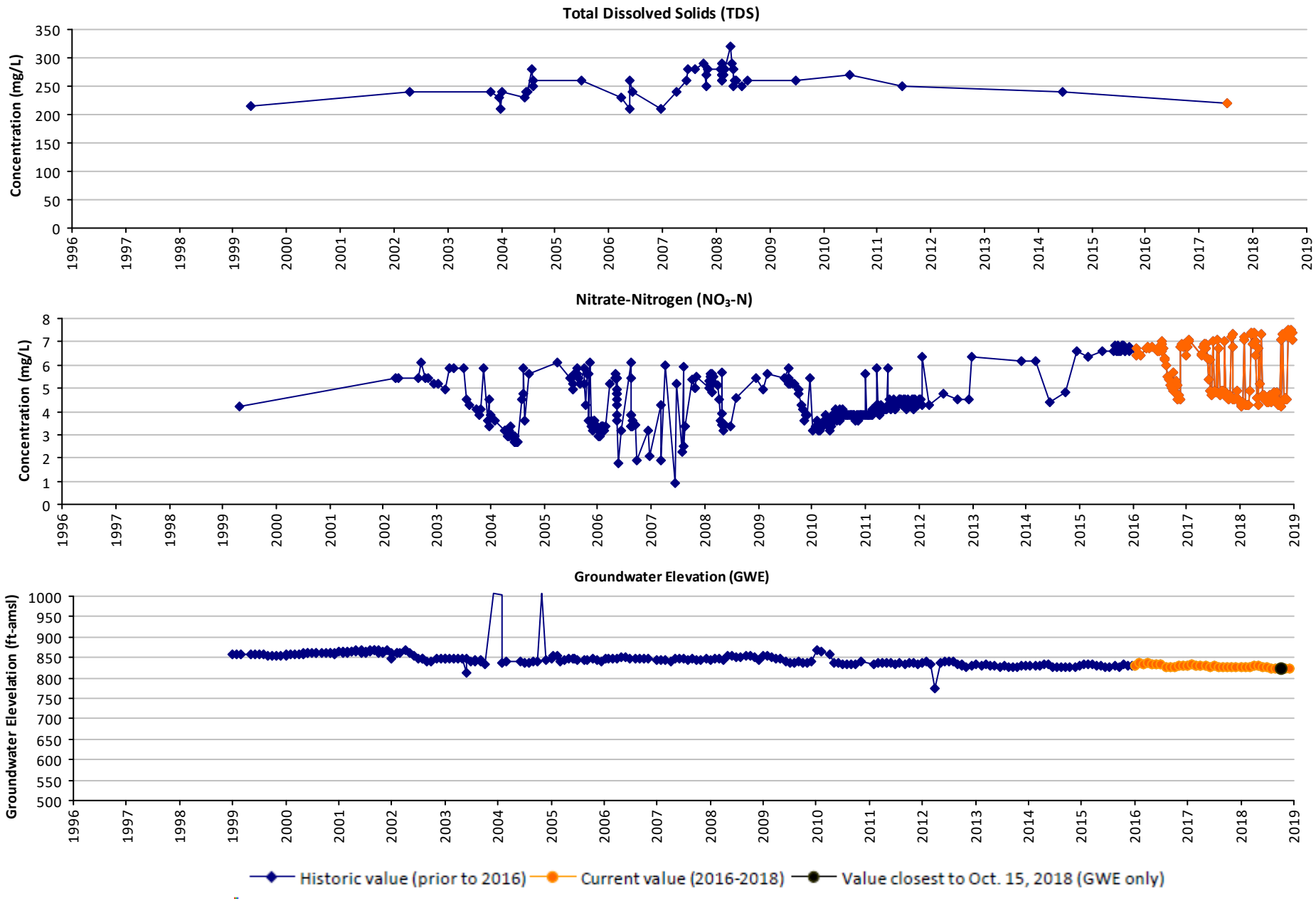

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

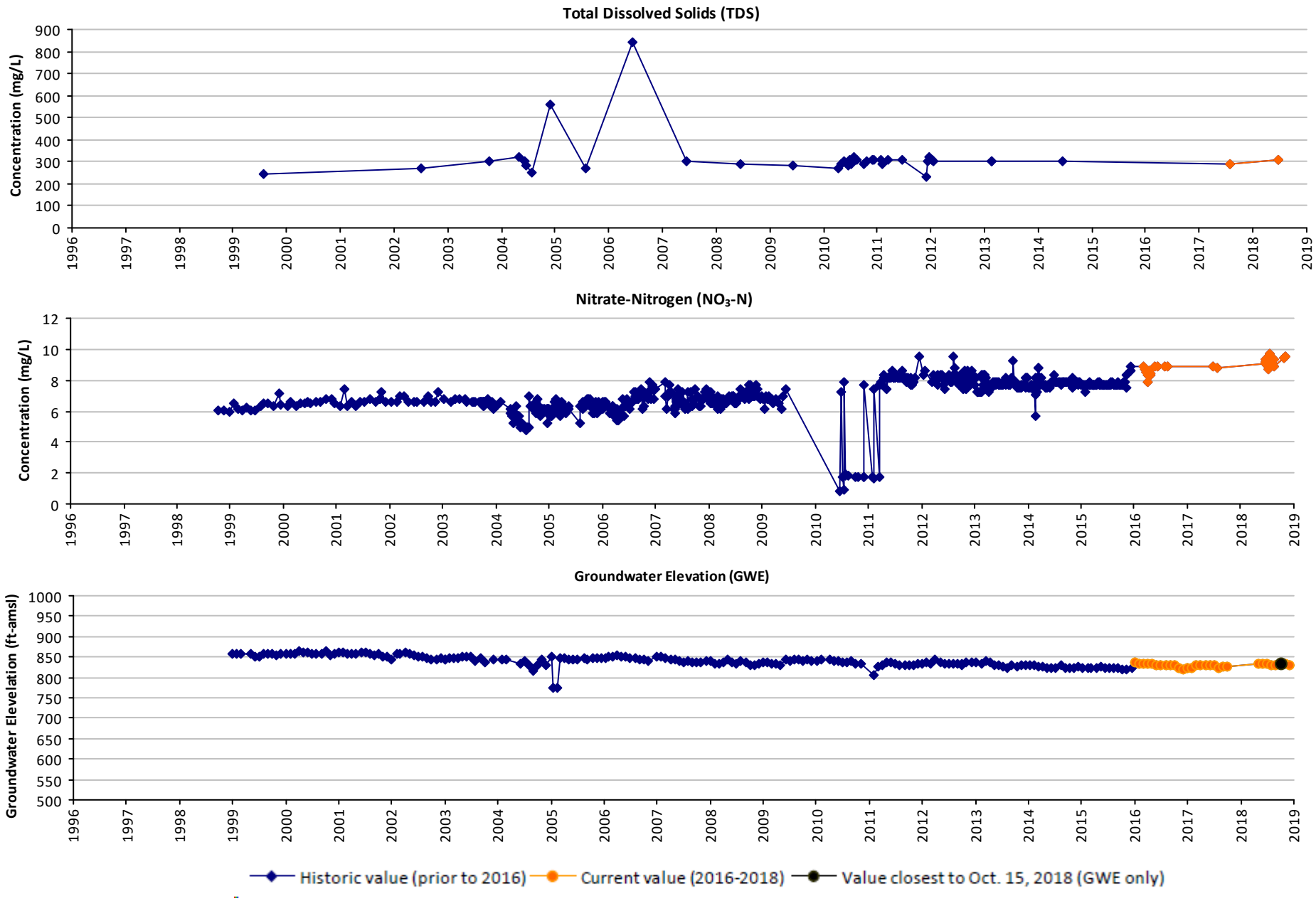

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

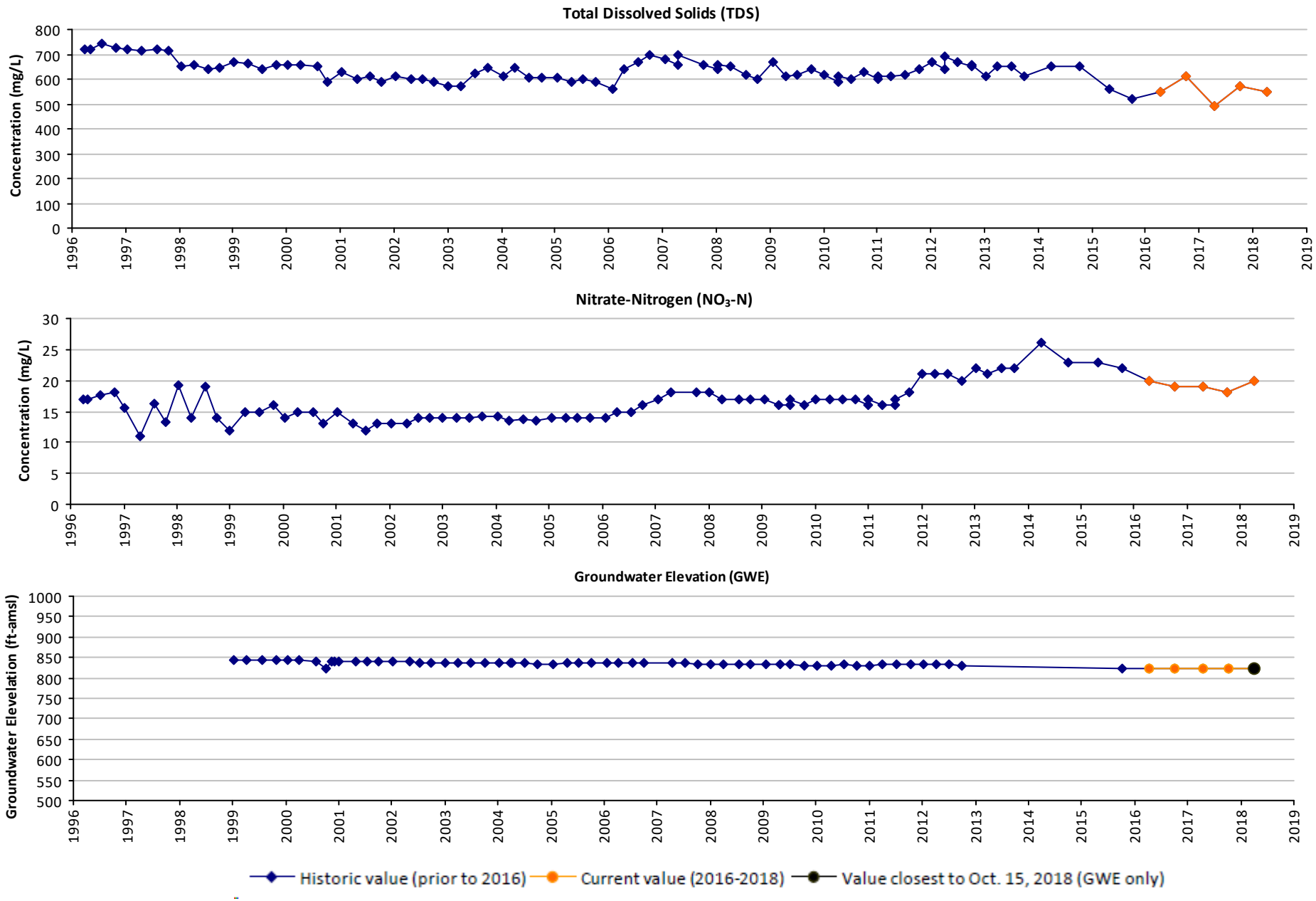

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

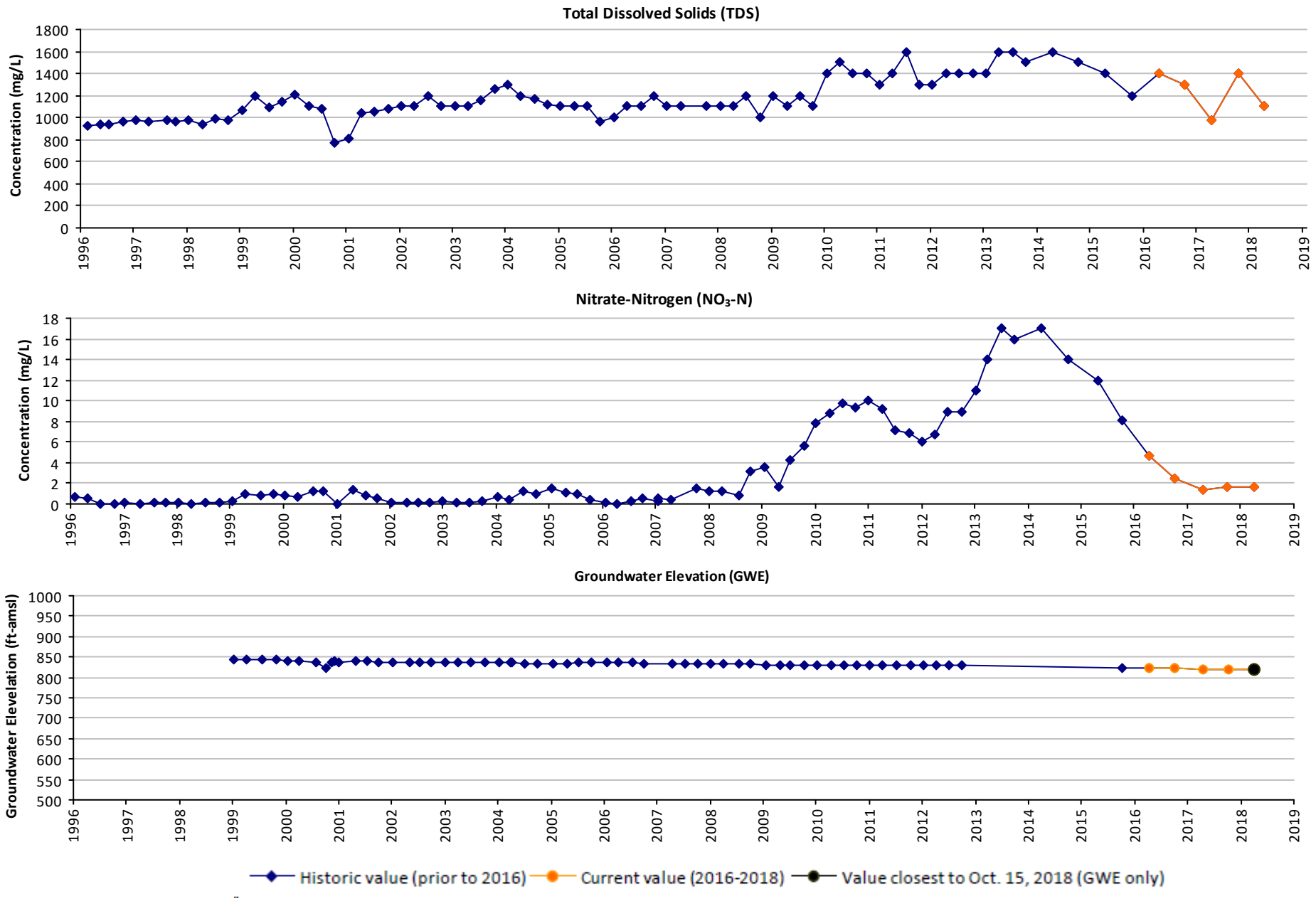
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

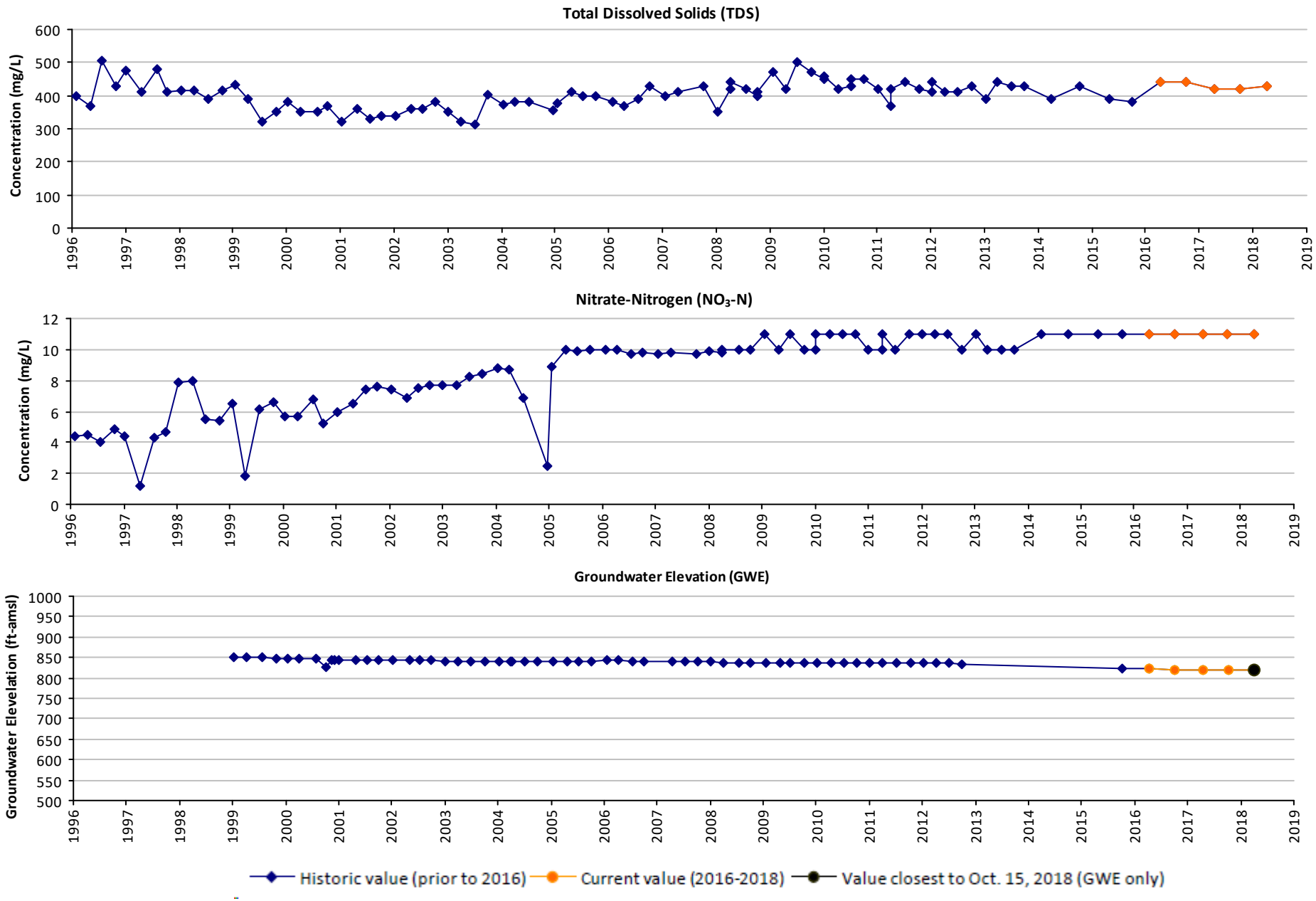

Total Dissolved Solids (TDS)
Concentration (mg/L)
60
50
40
30
20
10
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

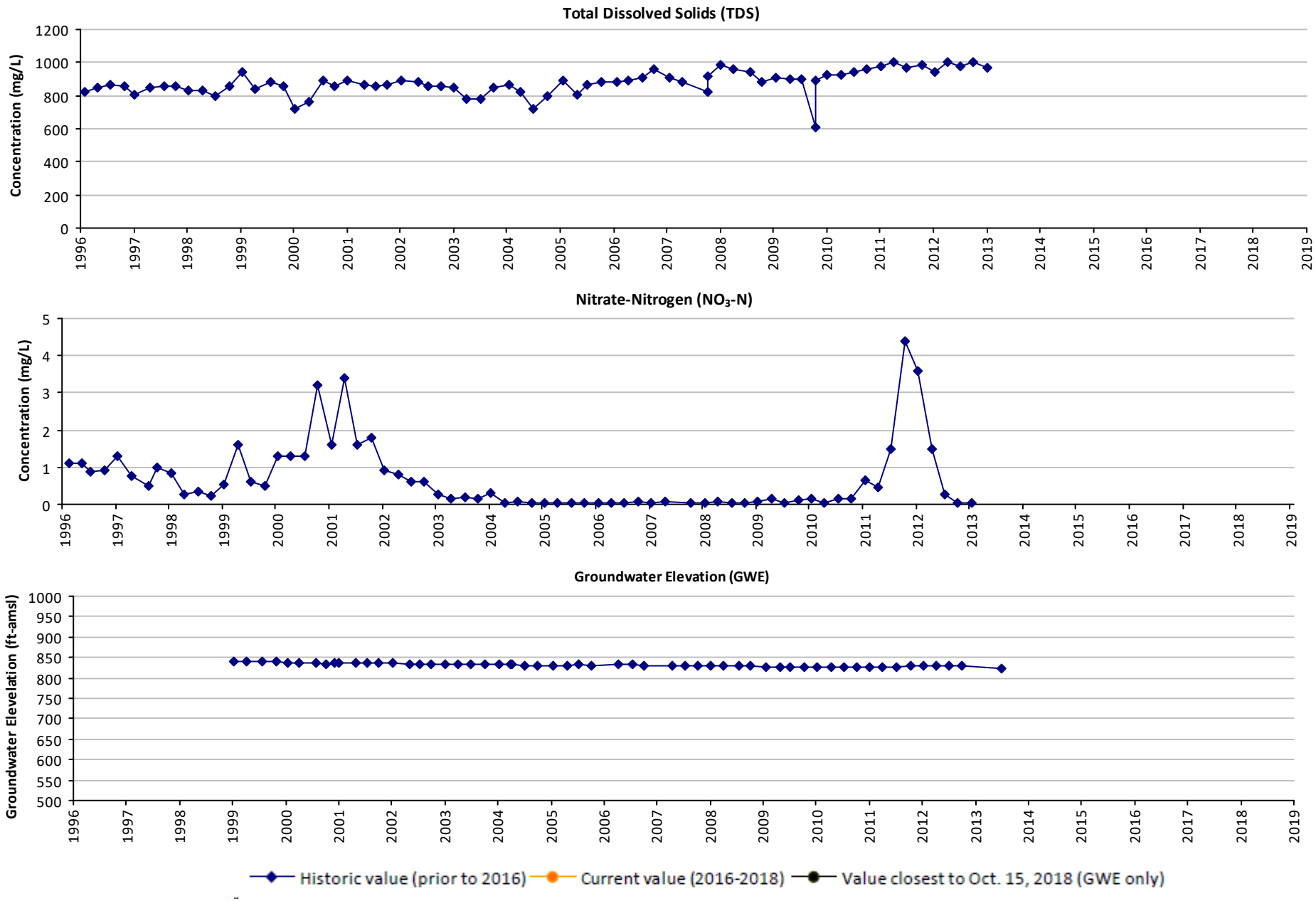

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

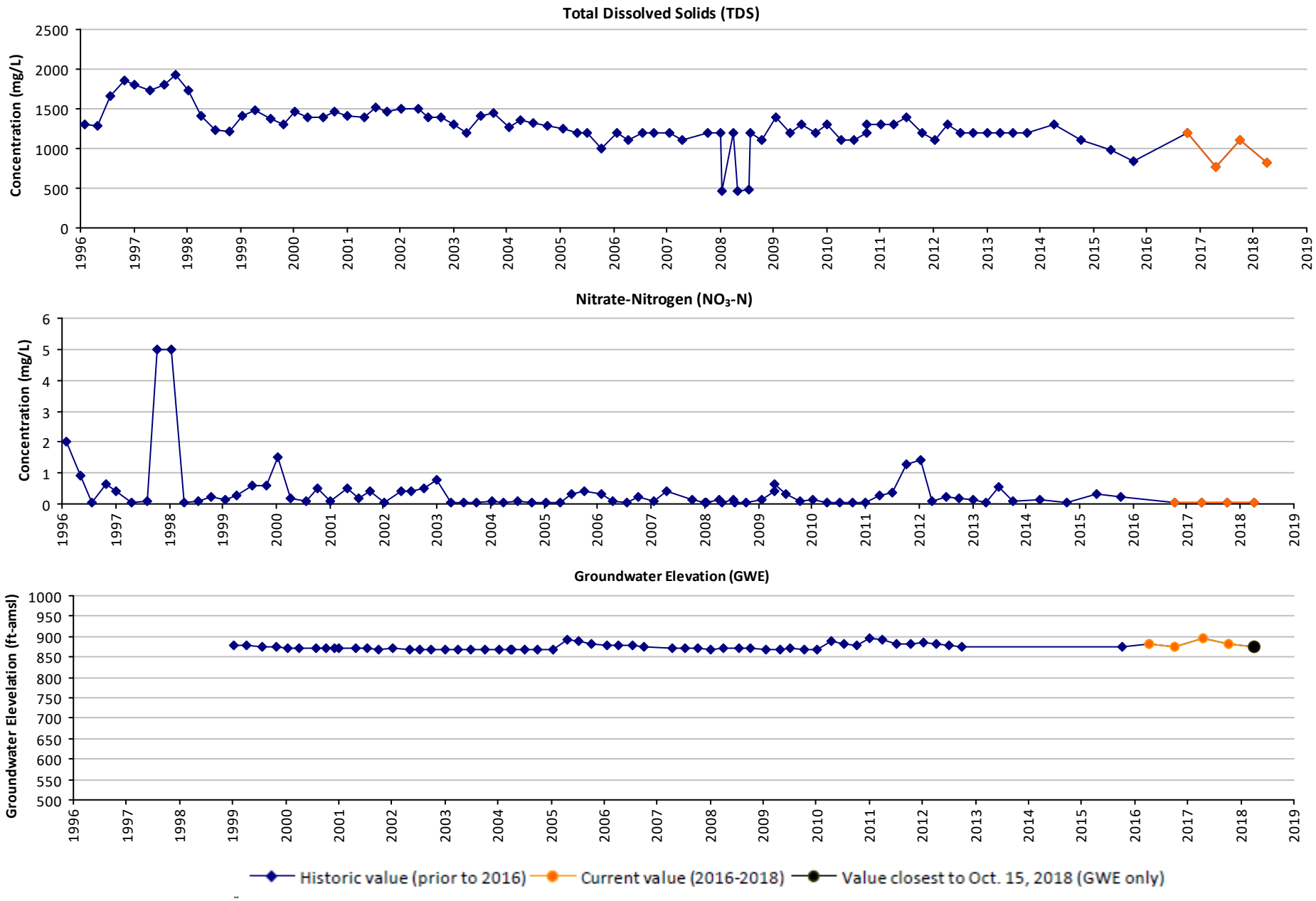

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

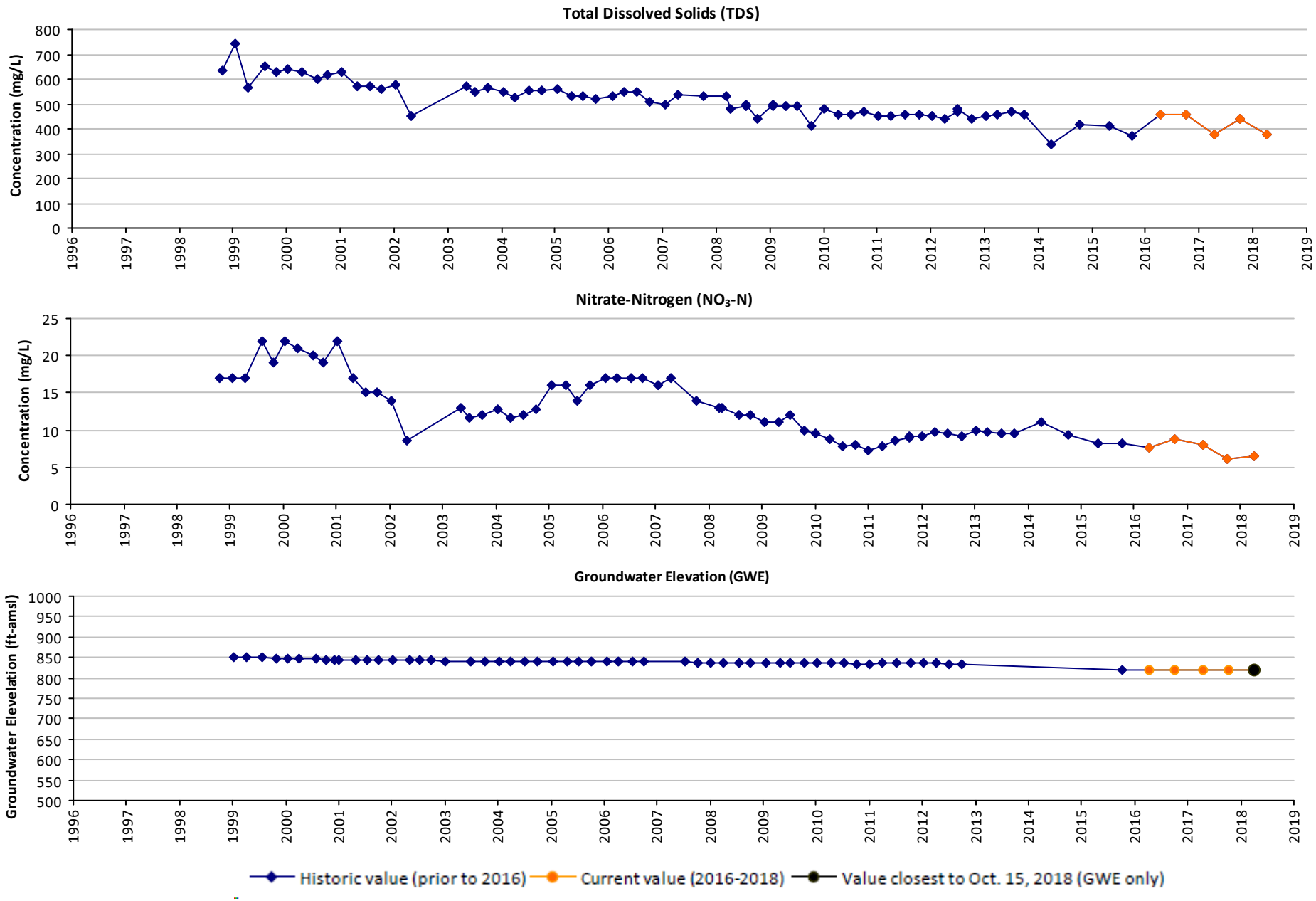

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

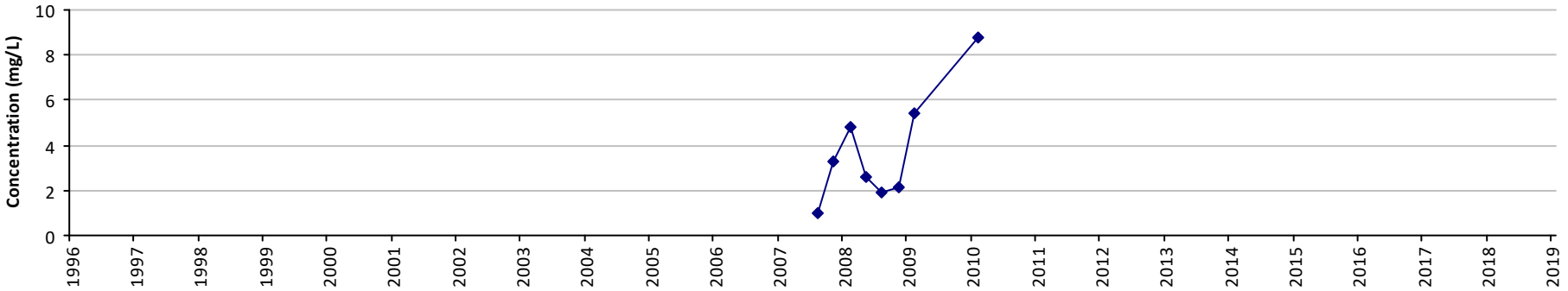

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

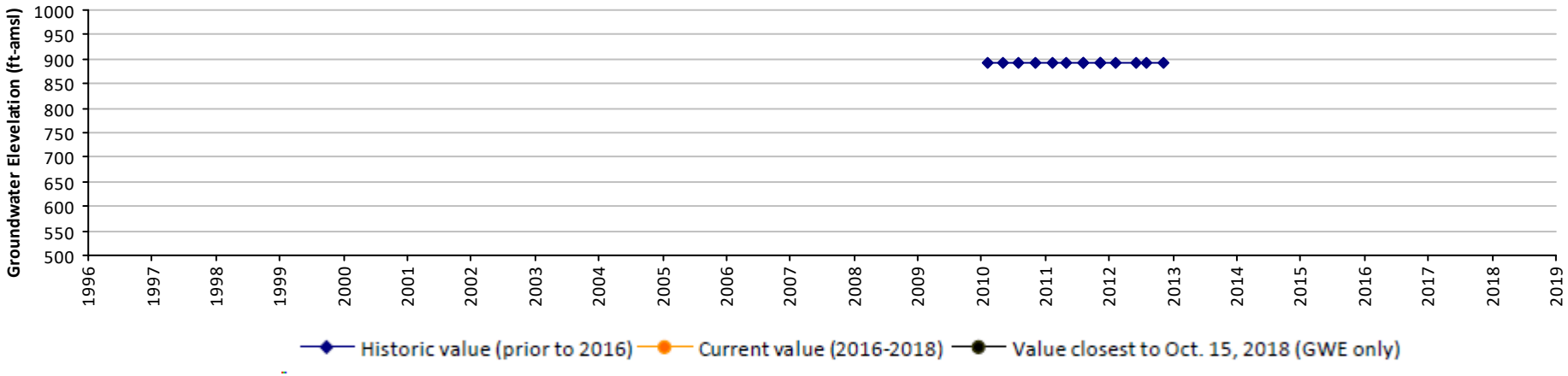

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

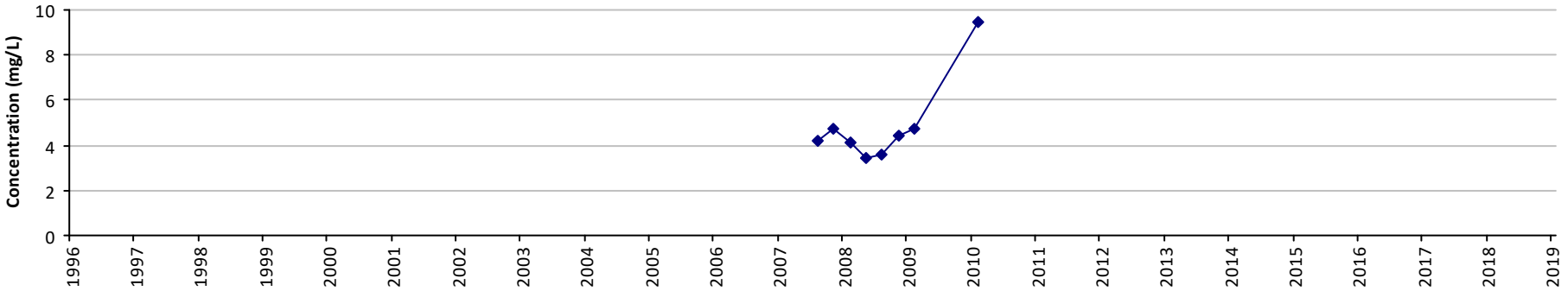


Groundwater Elevation (GWE)

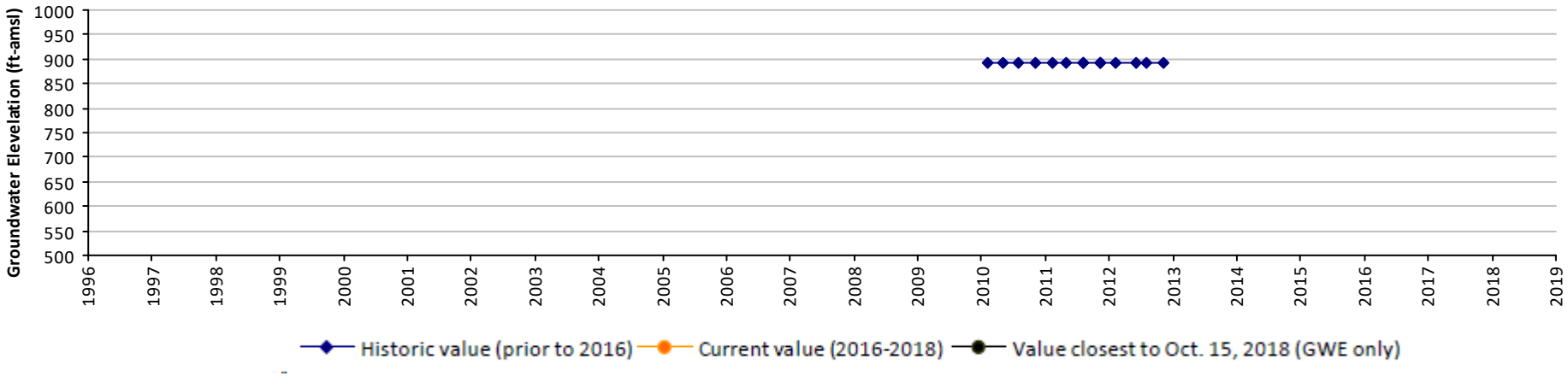


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

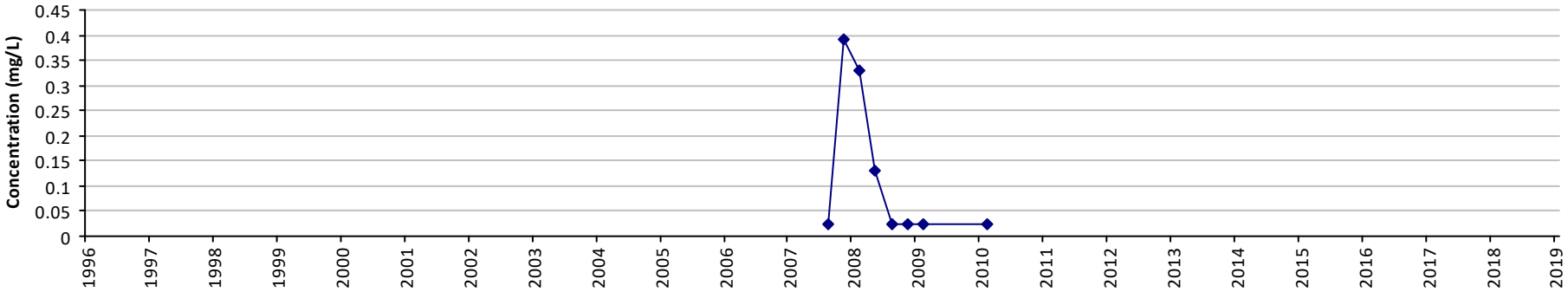


Groundwater Elevation (GWE)

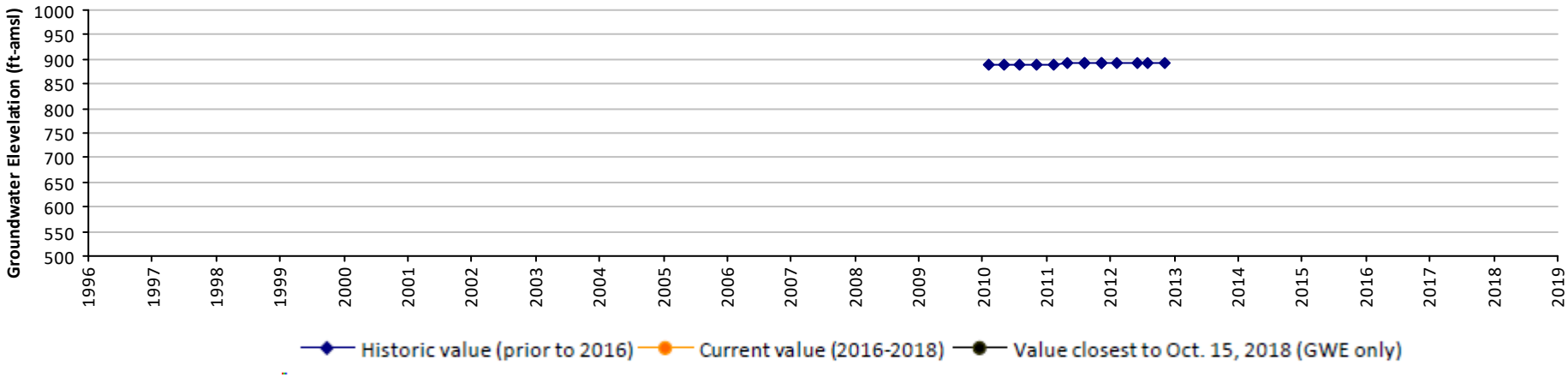


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

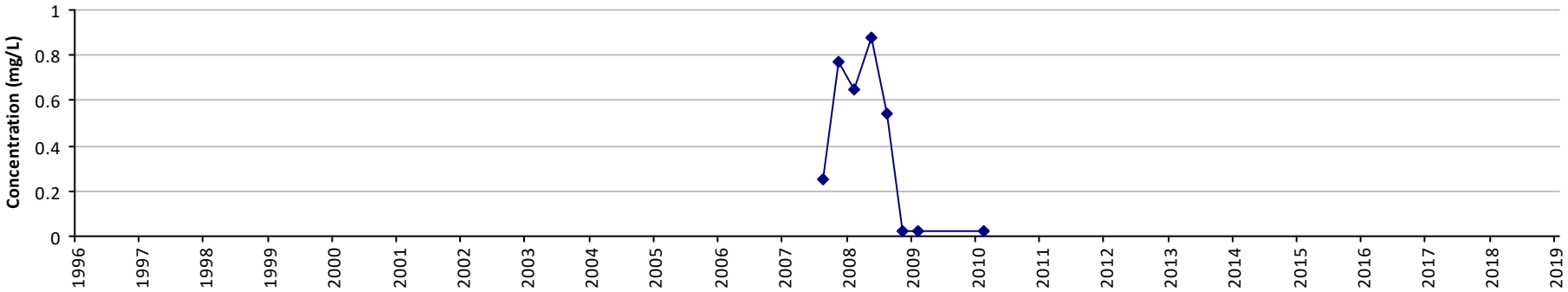


Groundwater Elevation (GWE)

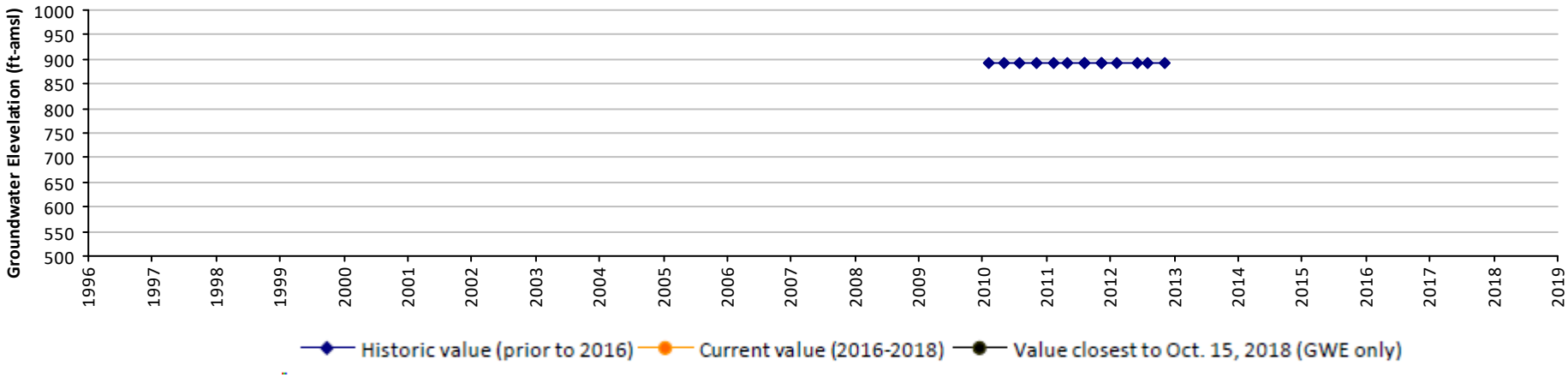


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

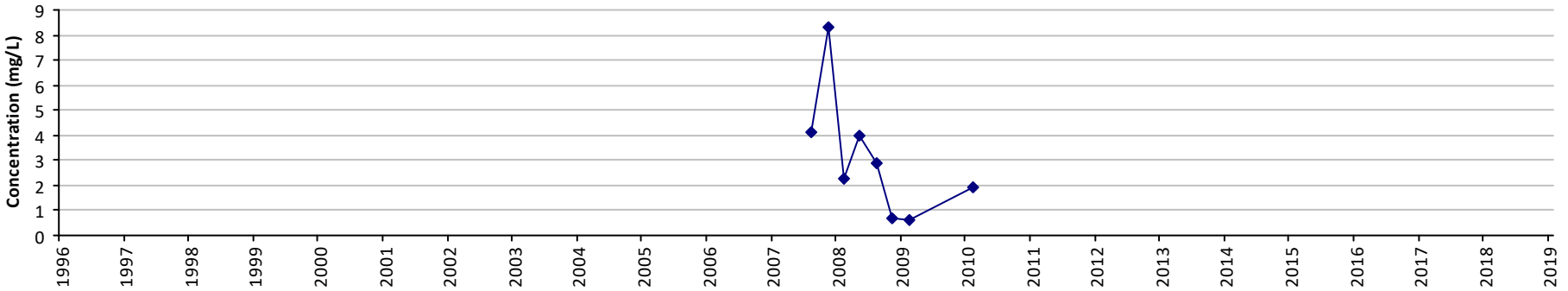


Groundwater Elevation (GWE)

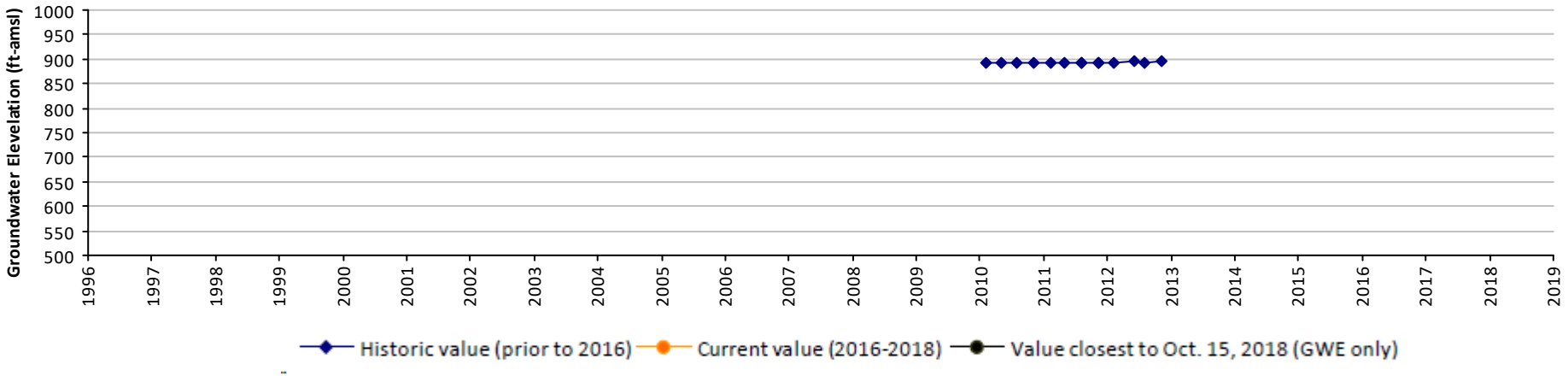


Total Dissolved Solids (TDS)

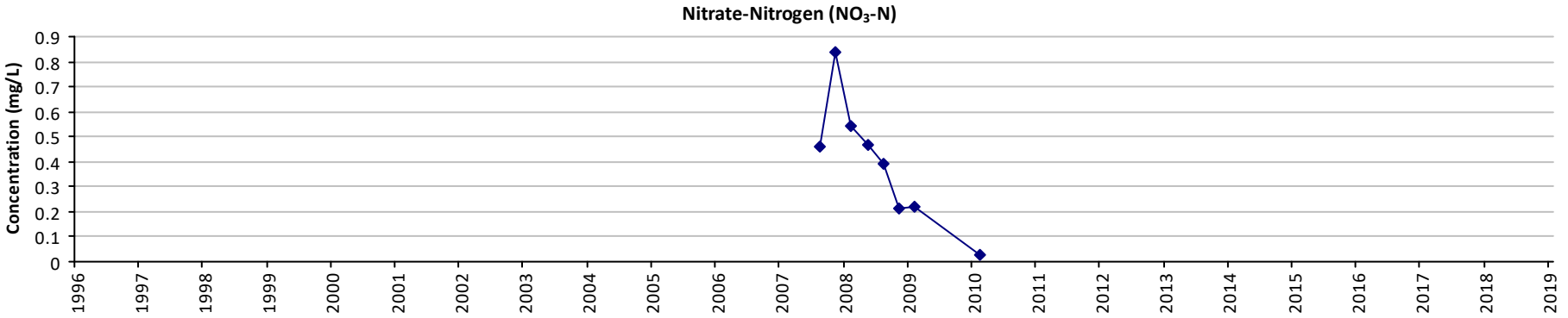
Nitrate-Nitrogen (NO_3-N)

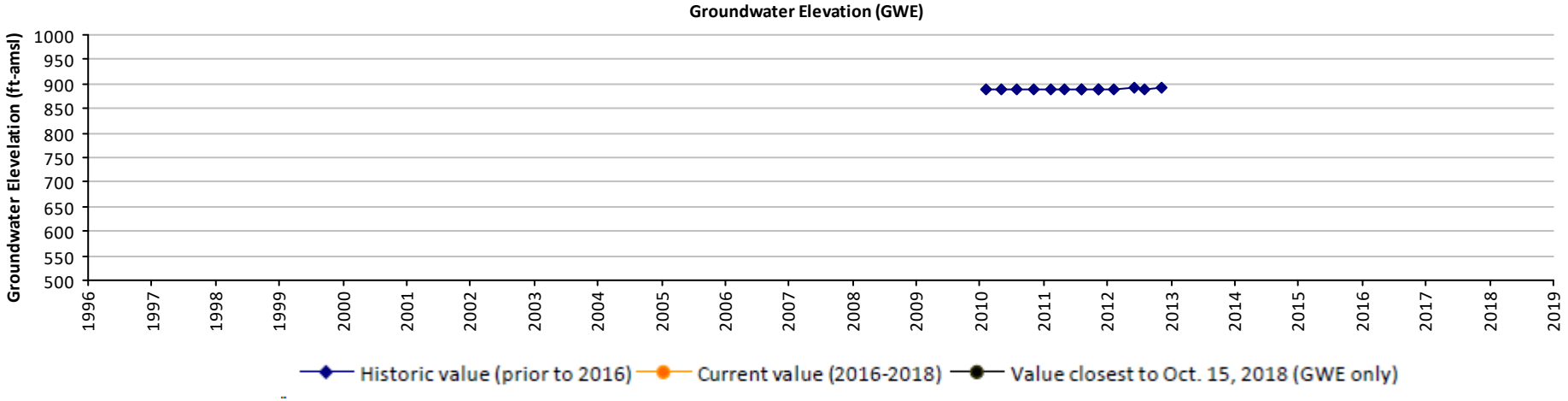


Groundwater Elevation (GWE)



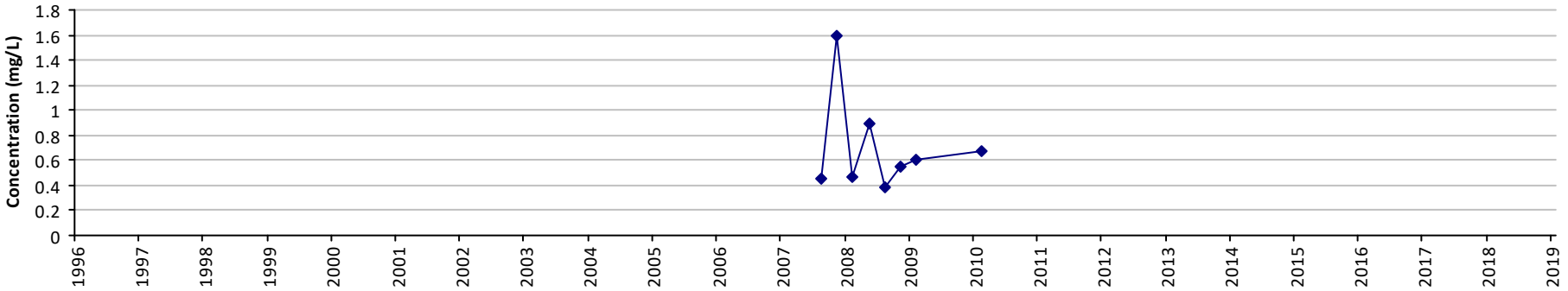
Total Dissolved Solids (TDS)



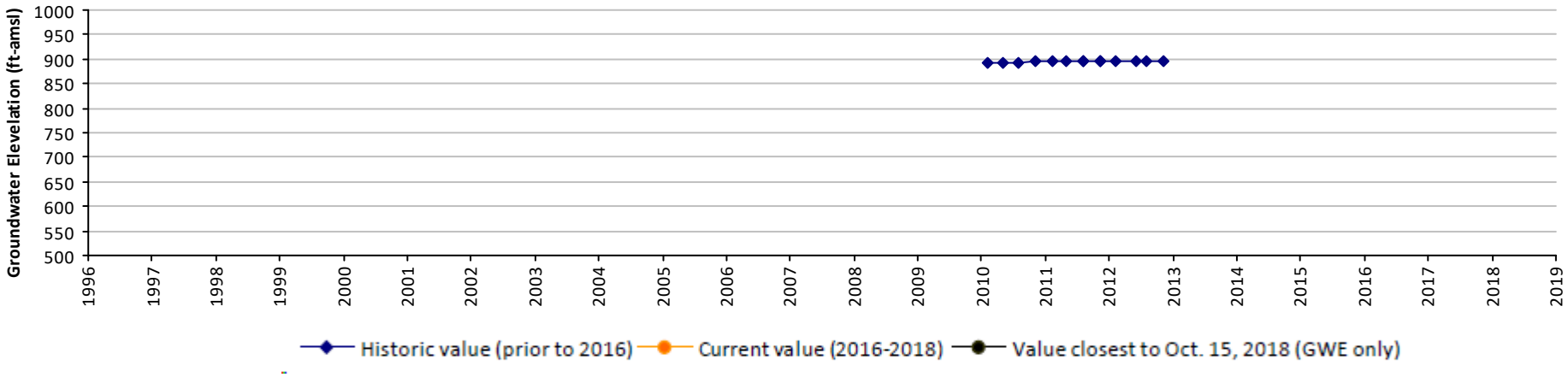


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

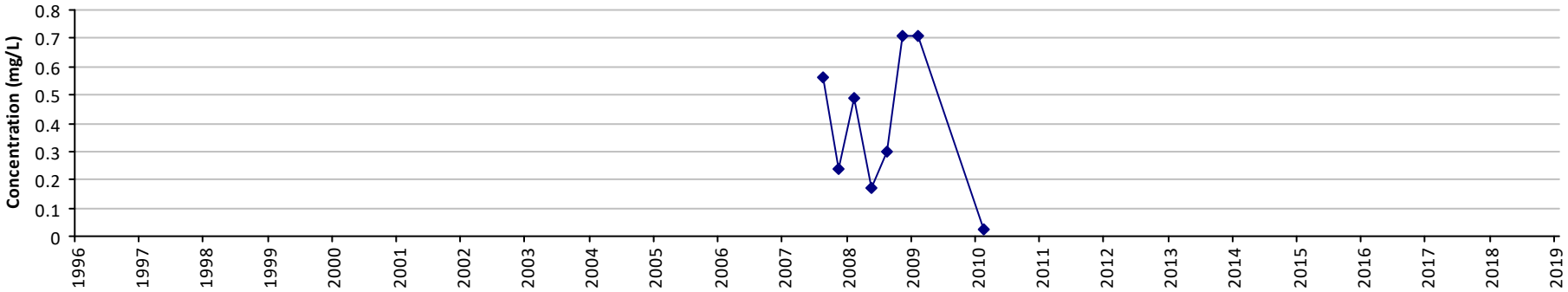


Groundwater Elevation (GWE)

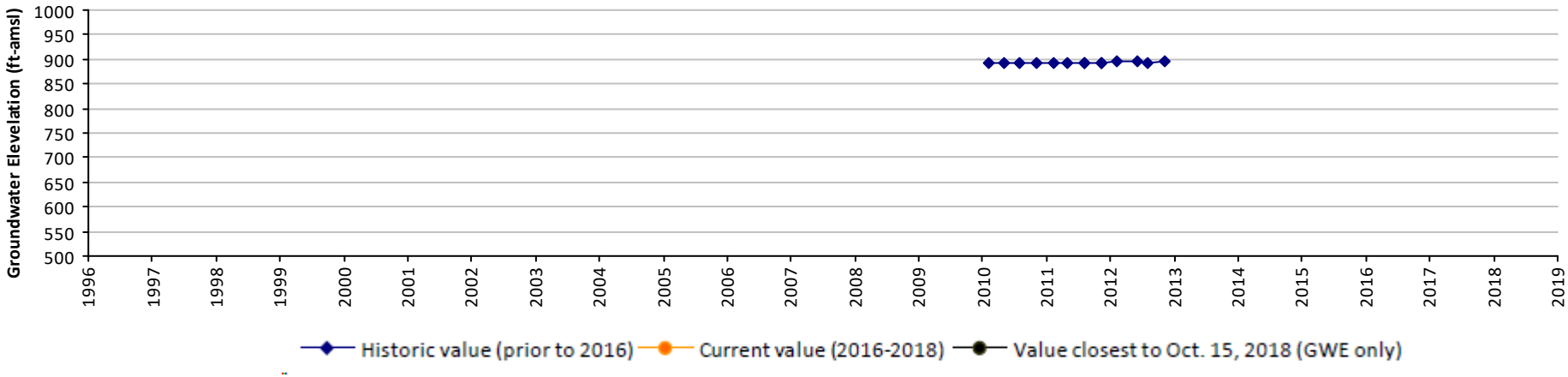


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

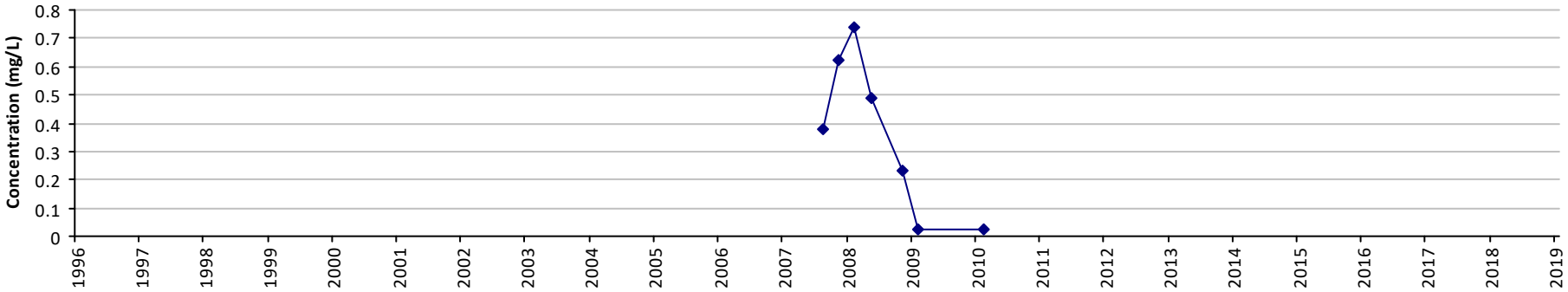


Groundwater Elevation (GWE)

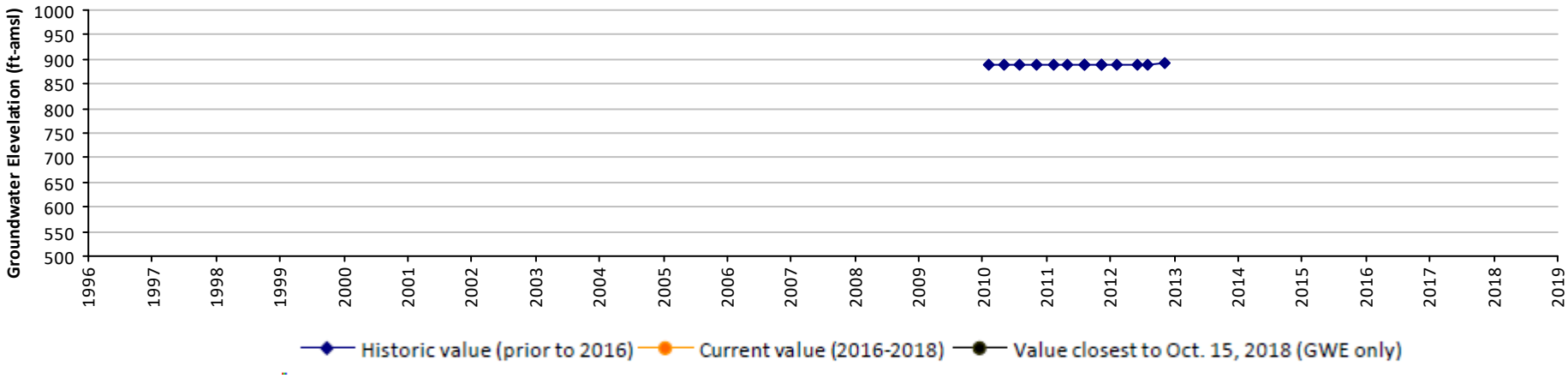


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

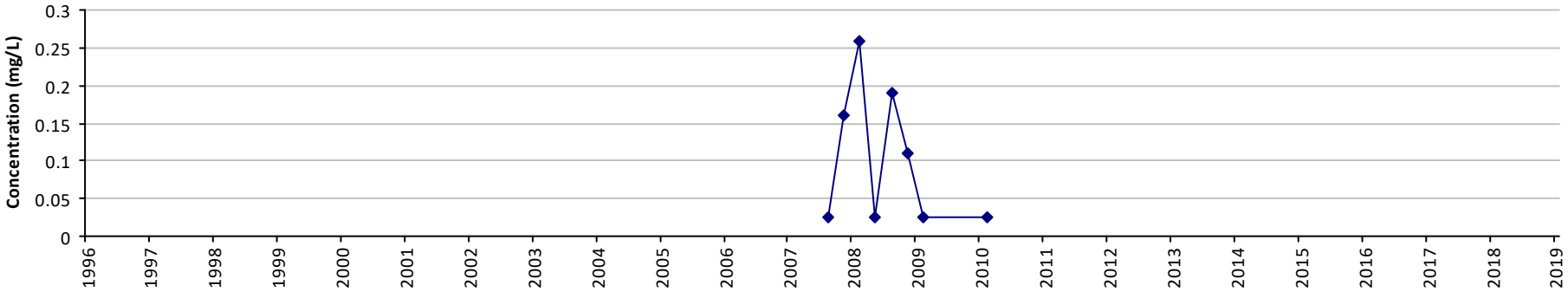


Groundwater Elevation (GWE)

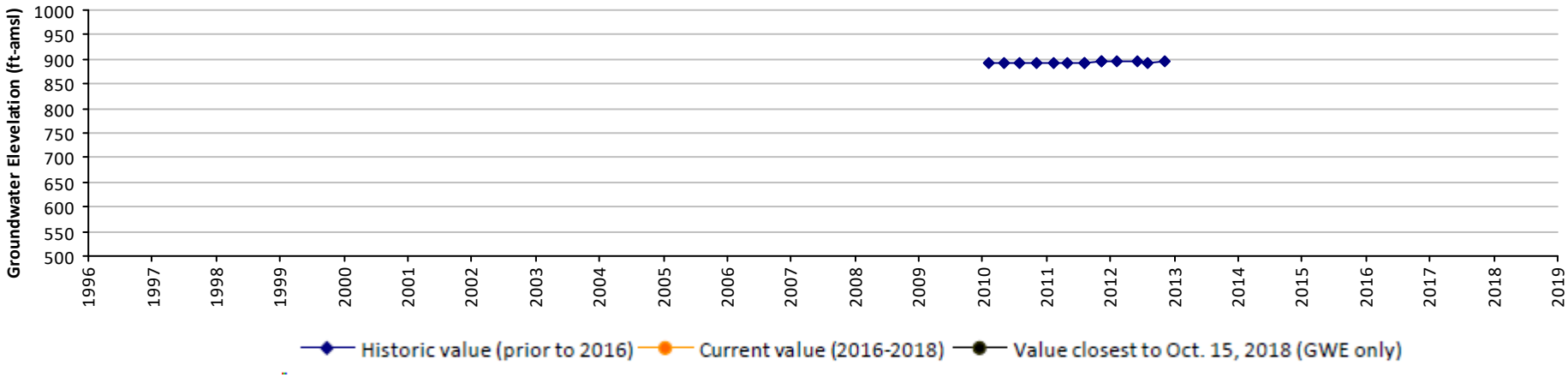


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

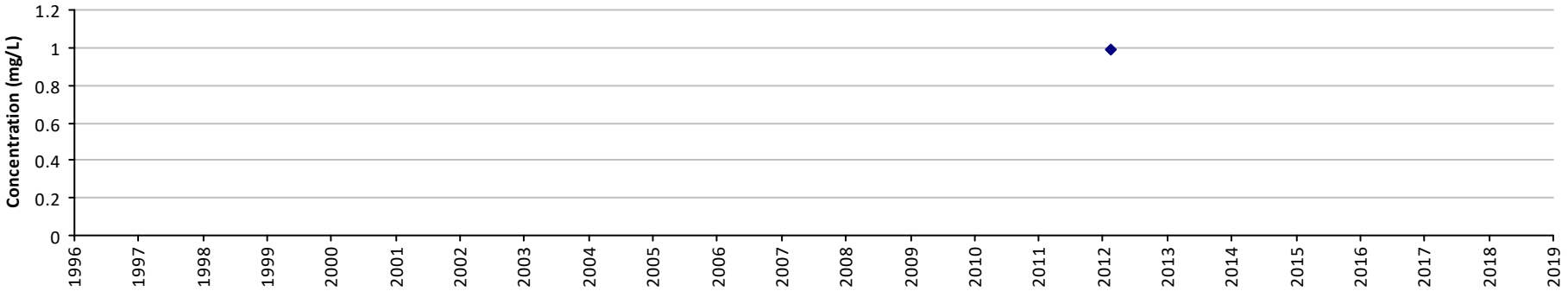


Groundwater Elevation (GWE)

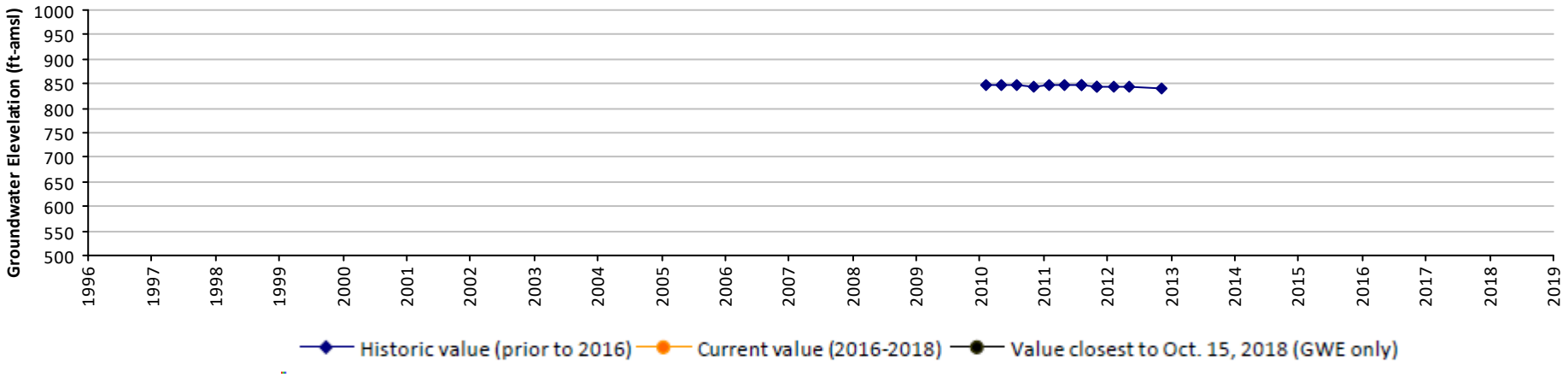


Total Dissolved Solids (TDS)

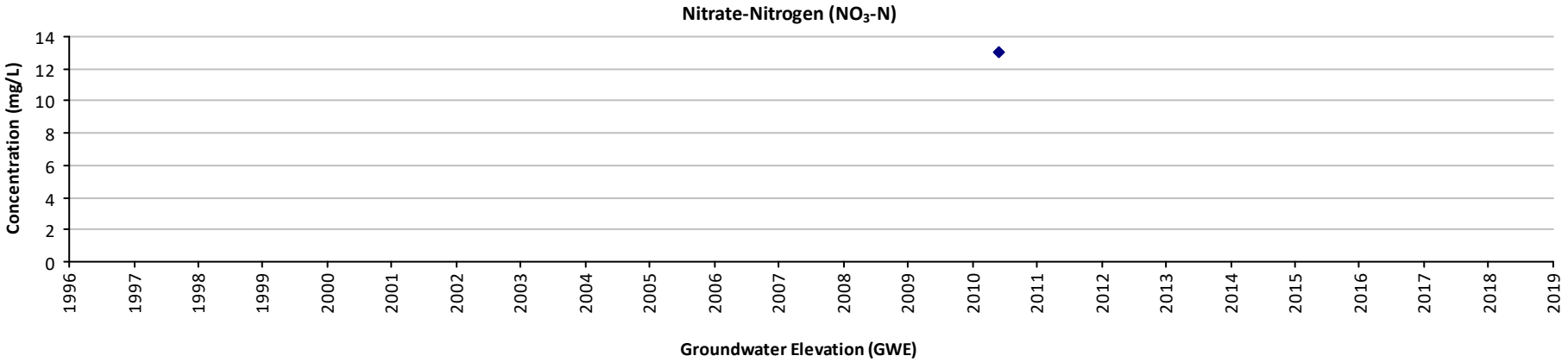
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)



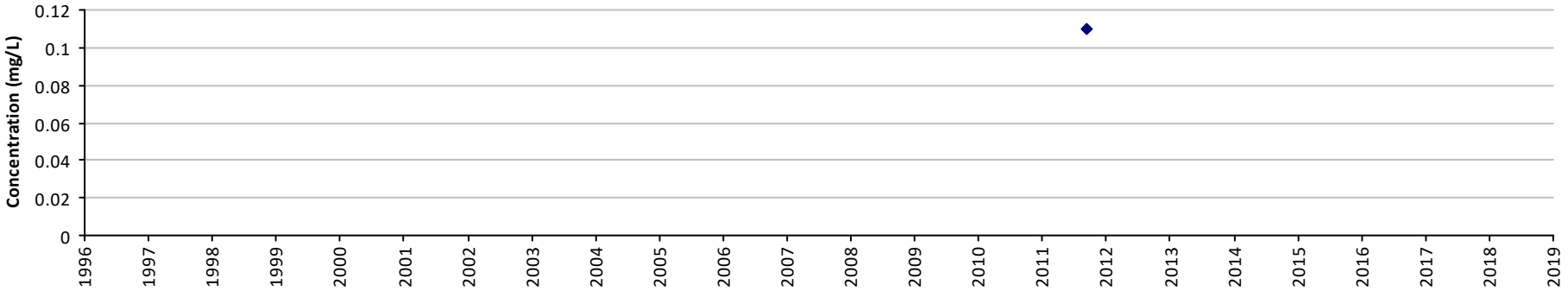
Total Dissolved Solids (TDS)



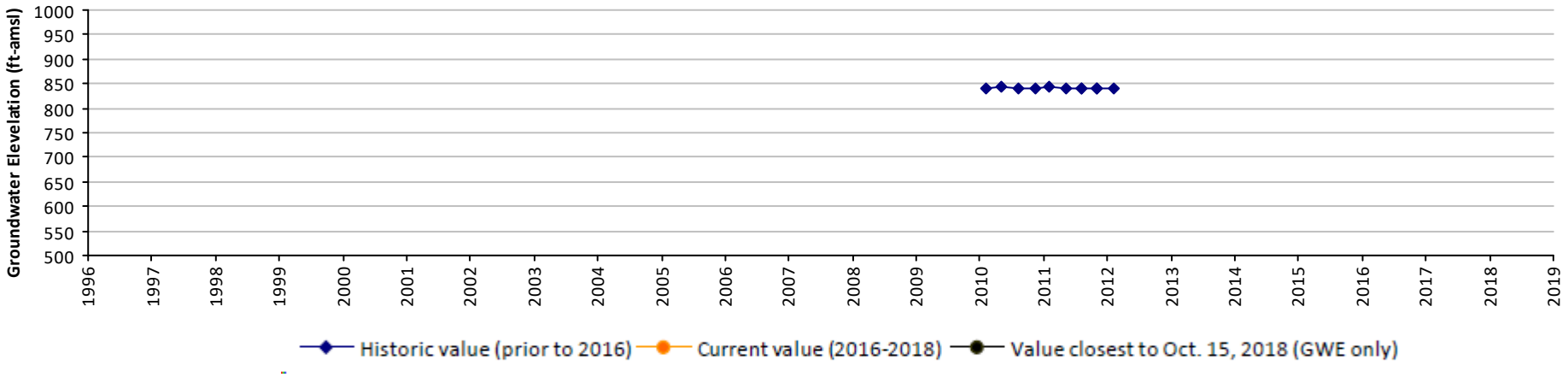
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

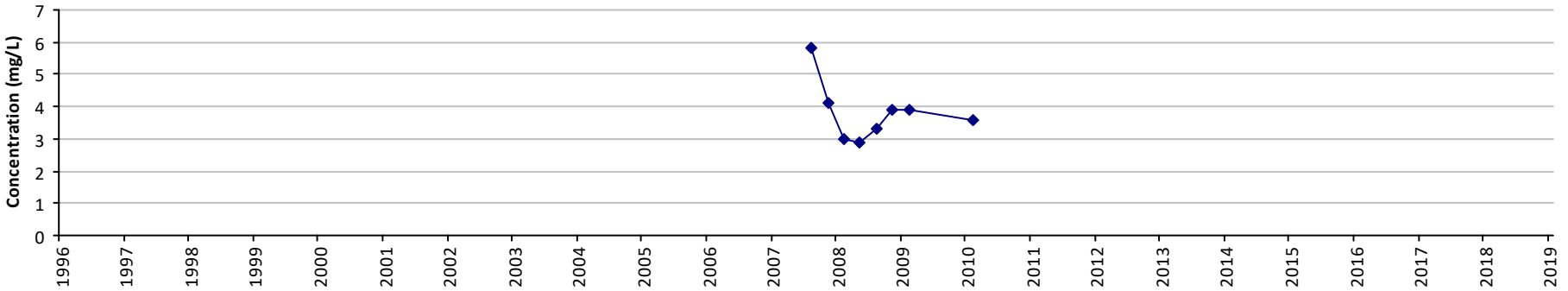


Groundwater Elevation (GWE)

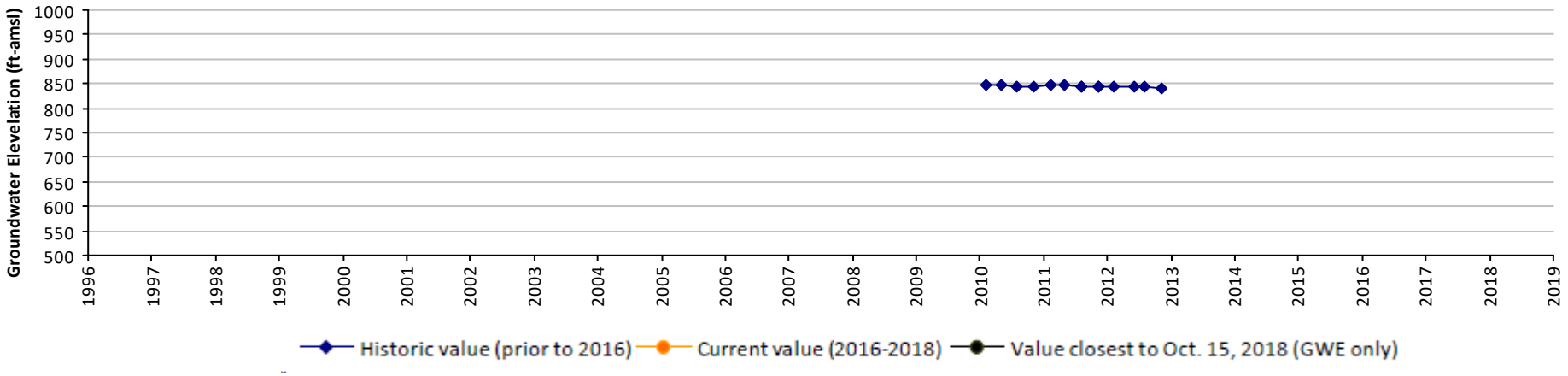


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

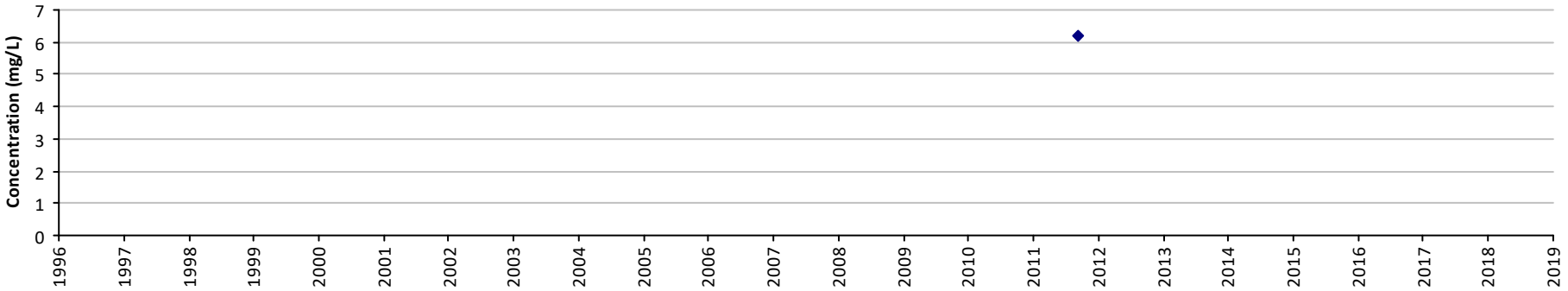


Groundwater Elevation (GWE)

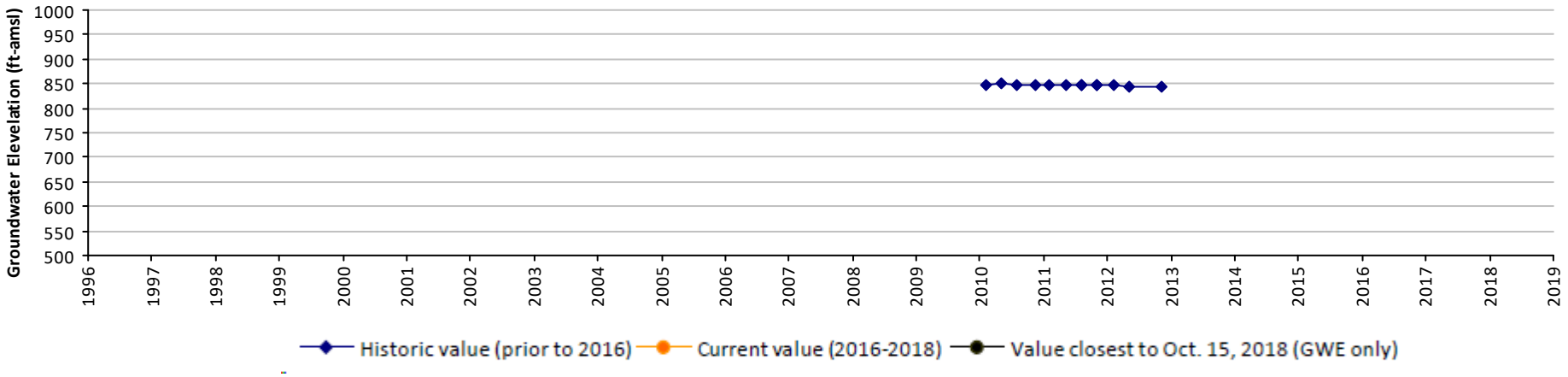


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

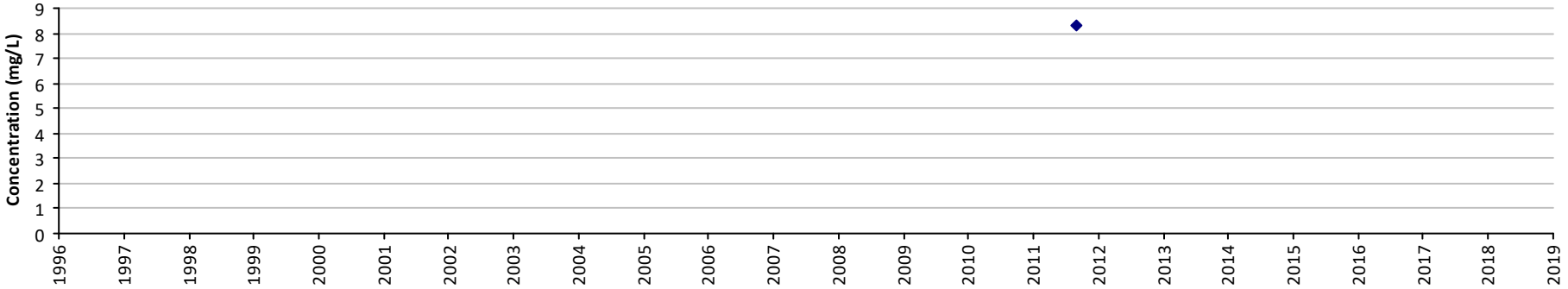


Groundwater Elevation (GWE)

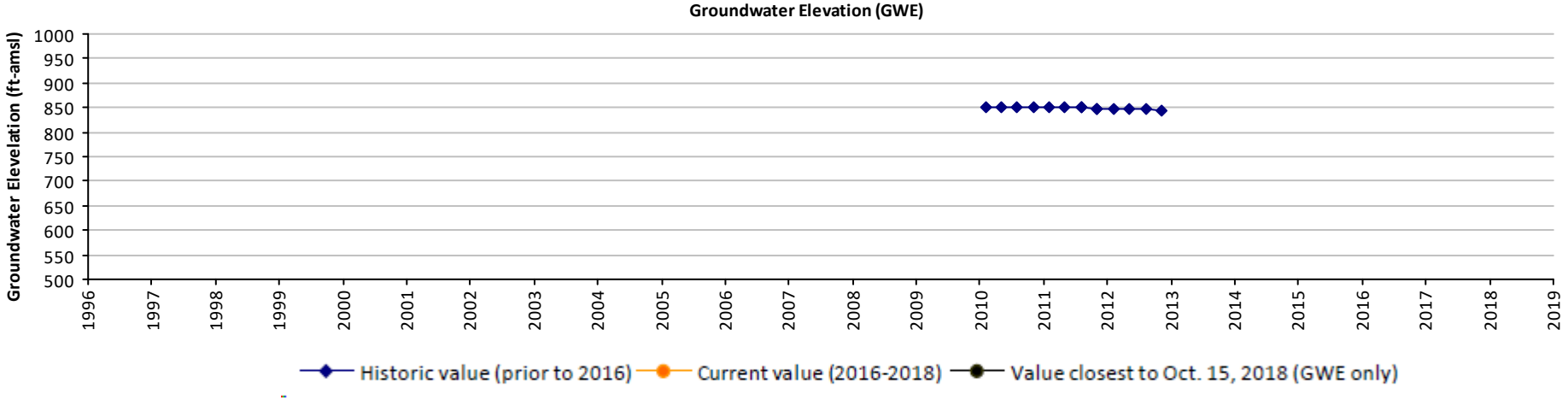


Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

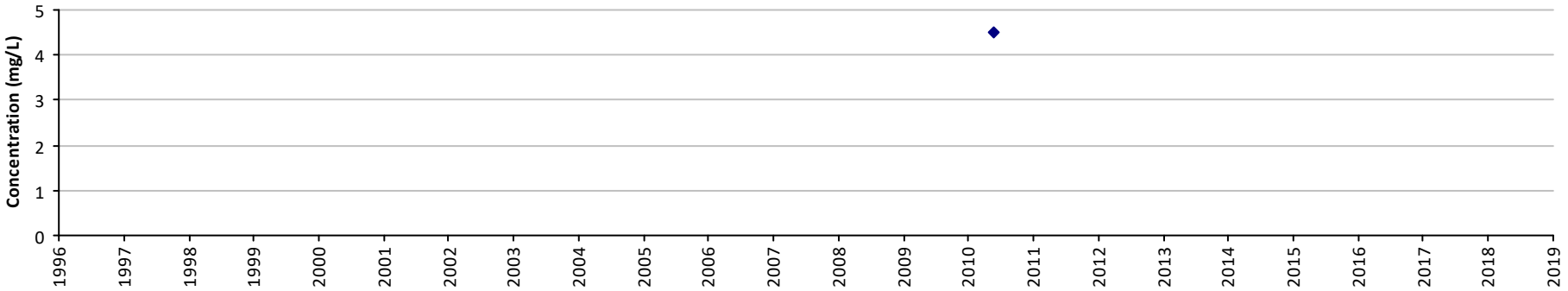


Groundwater Elevation (GWE)

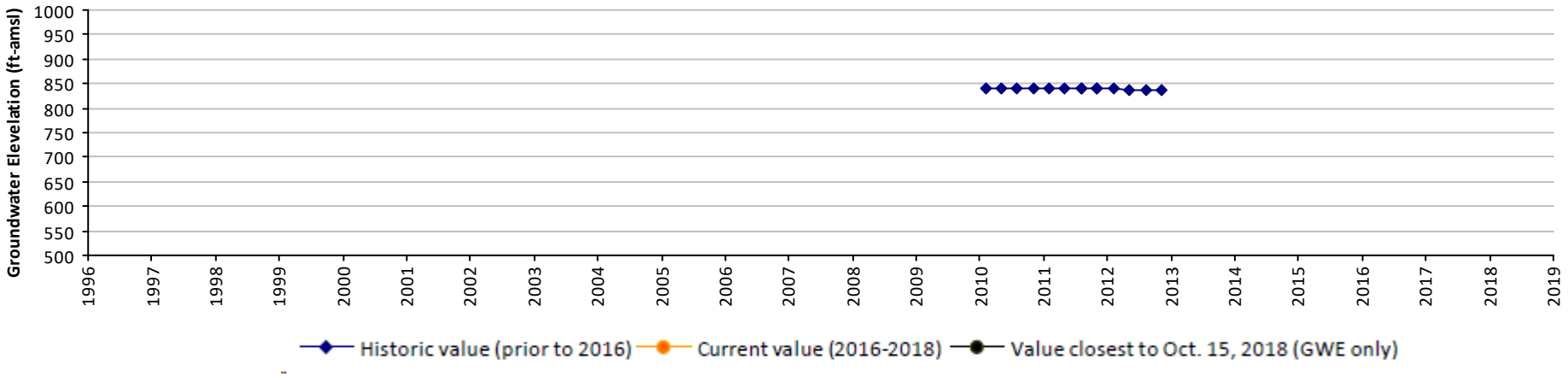


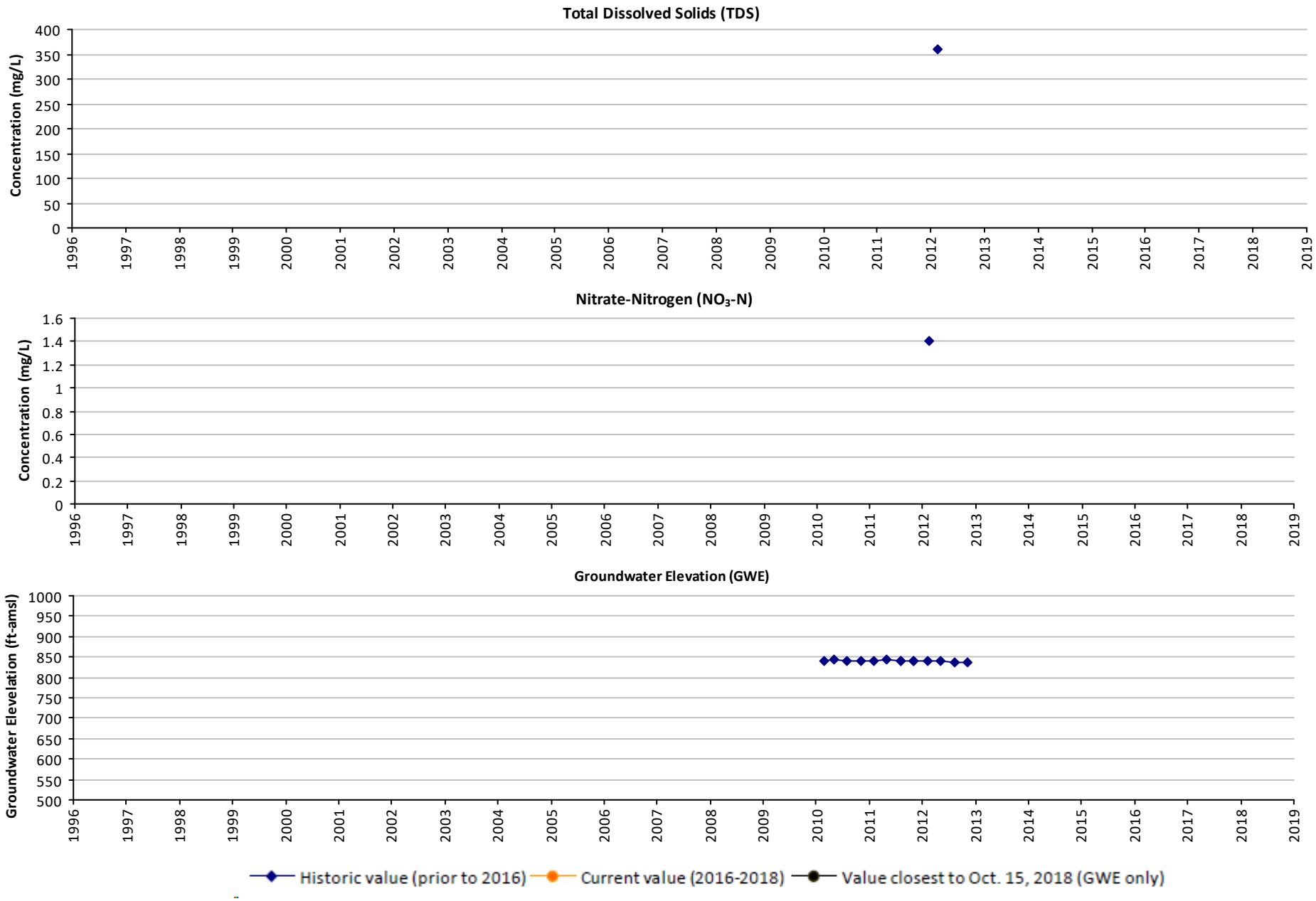
Total Dissolved Solids (TDS)

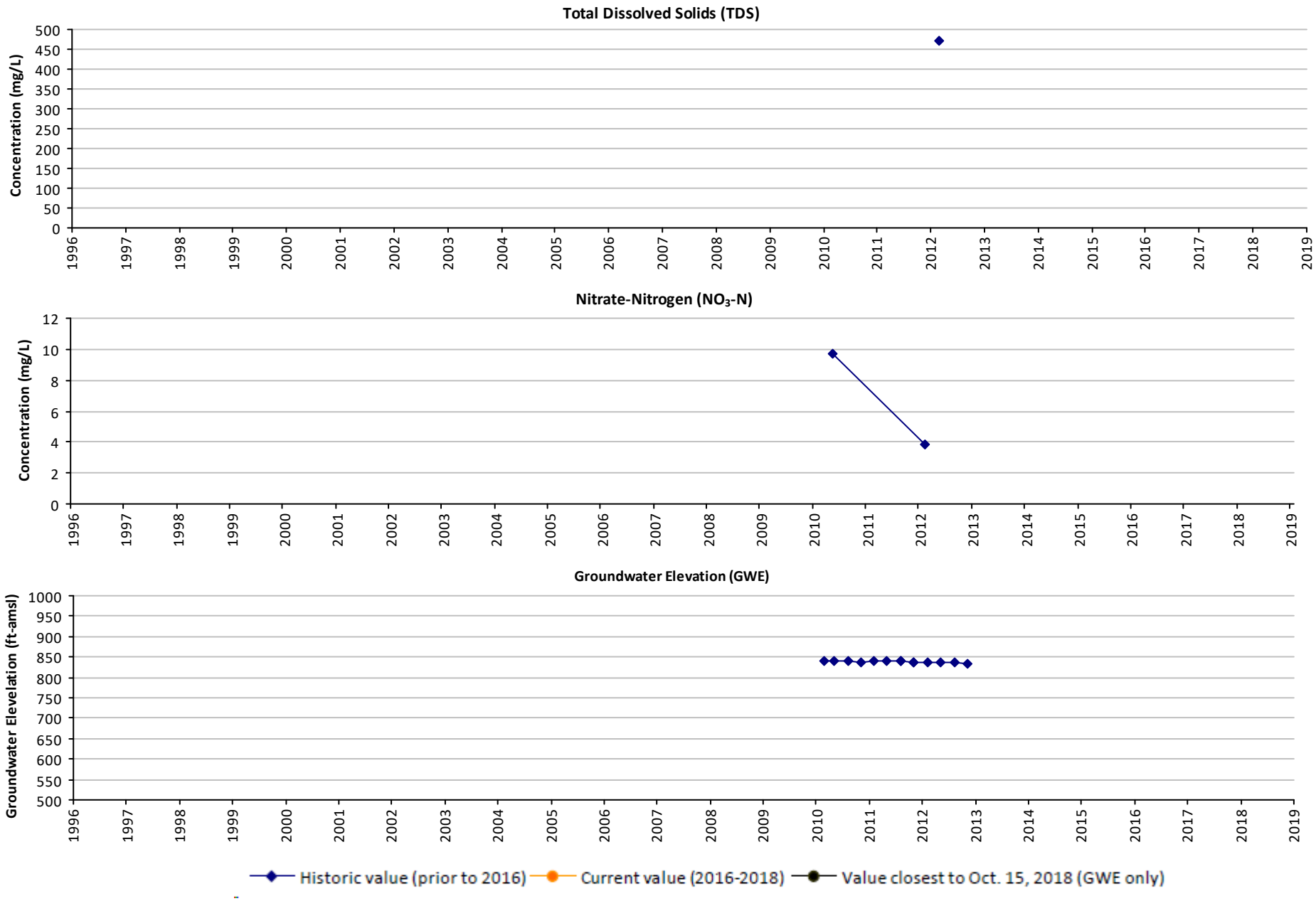
Nitrate-Nitrogen (NO_3-N)

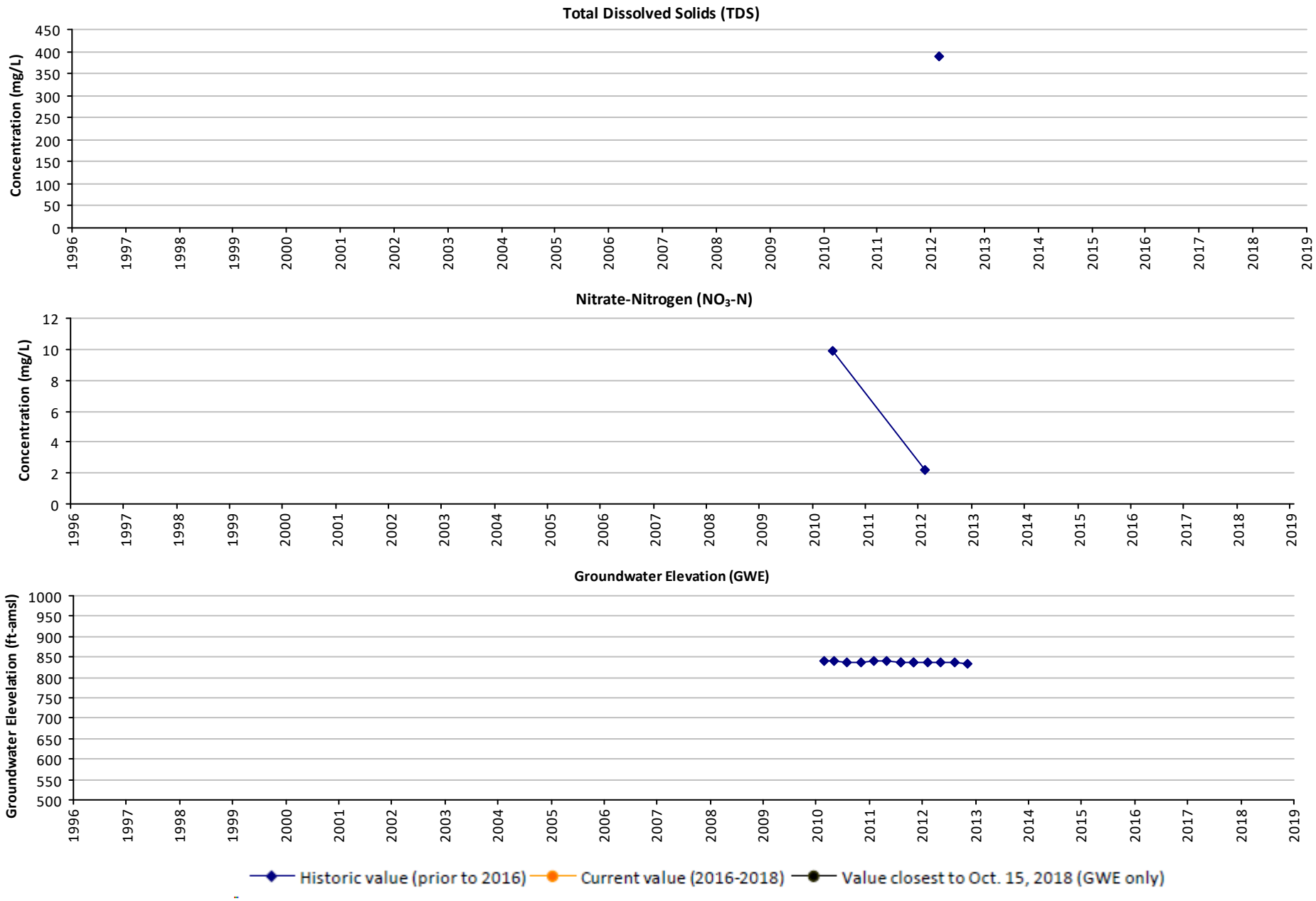


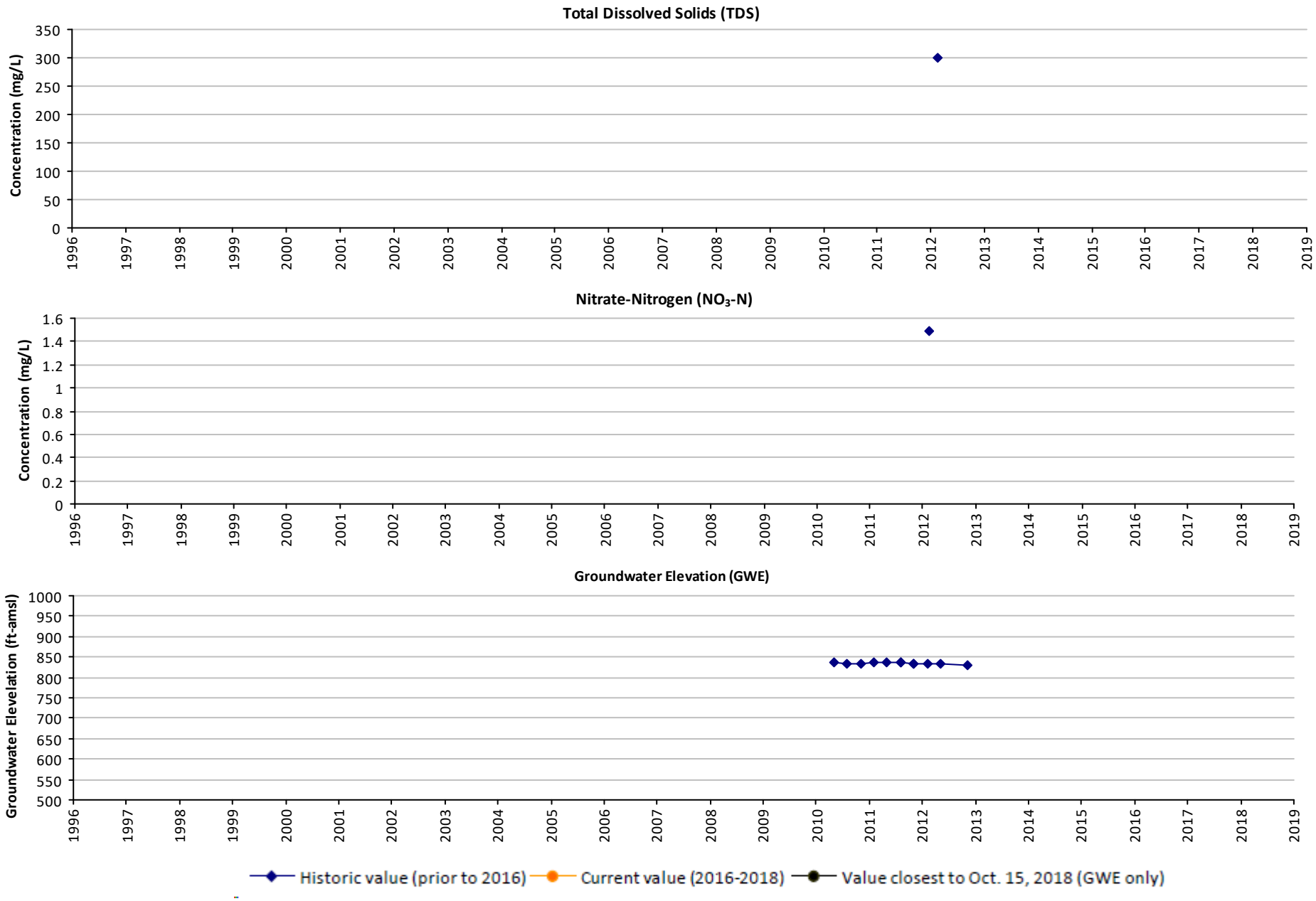
Groundwater Elevation (GWE)

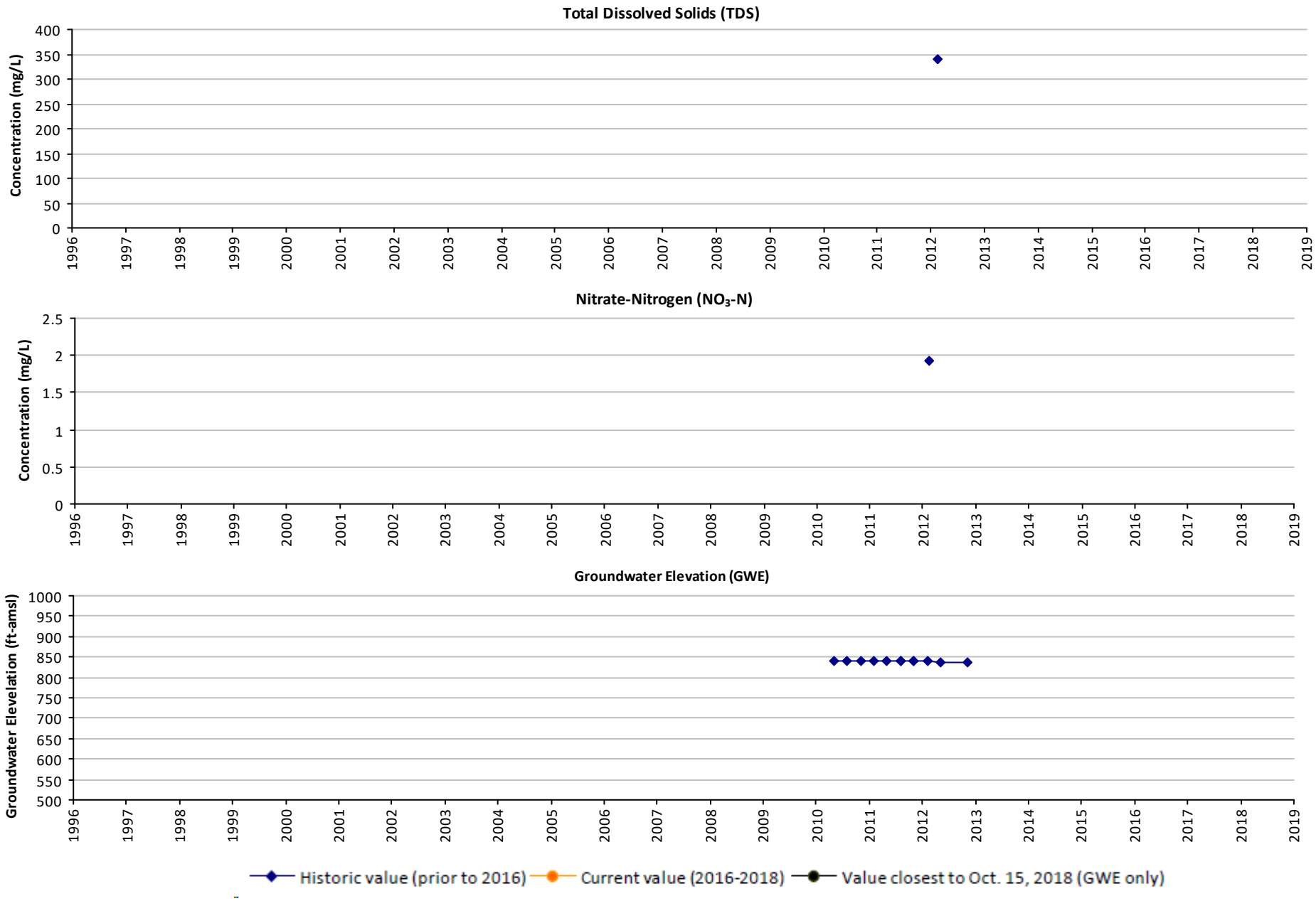


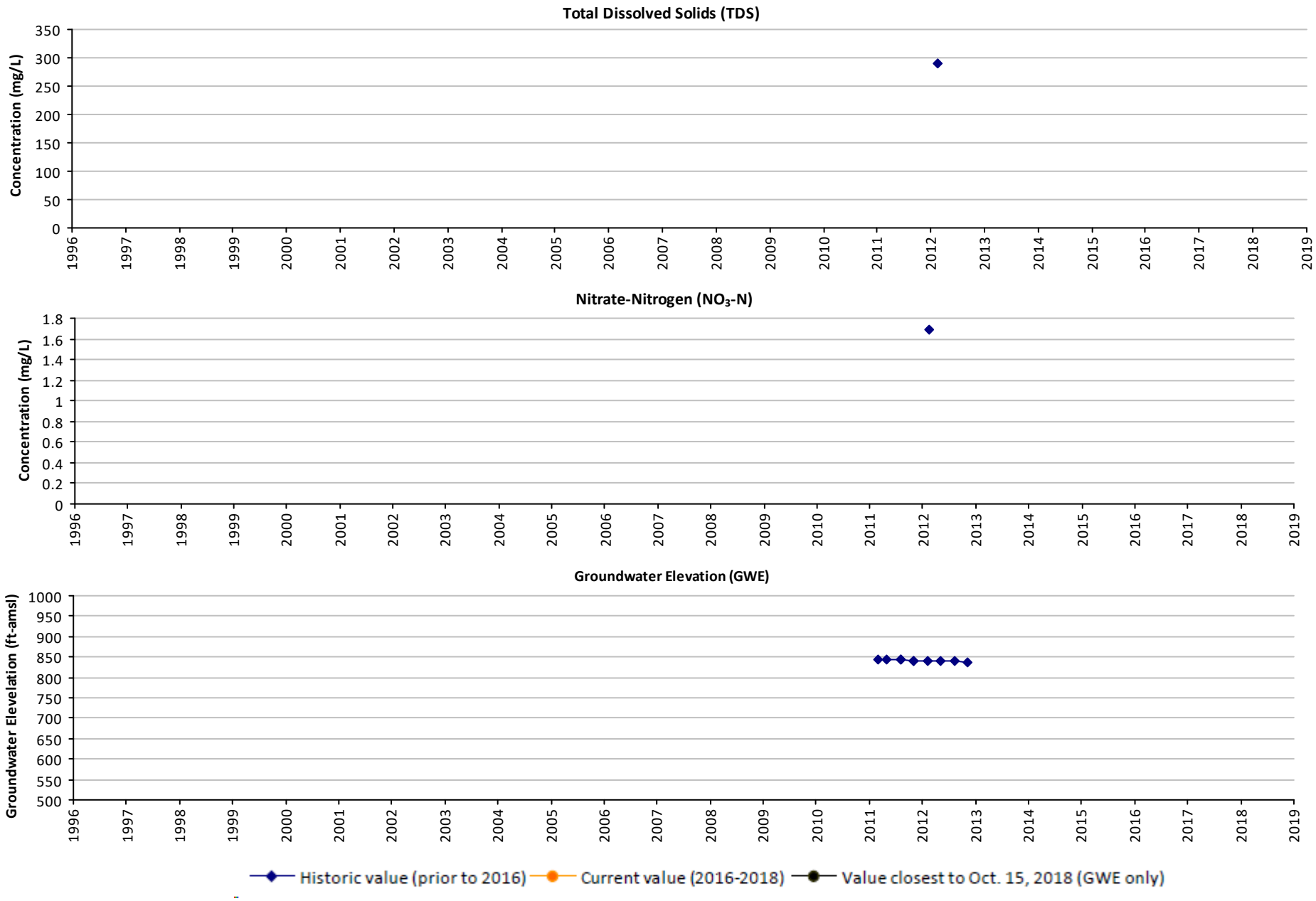

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

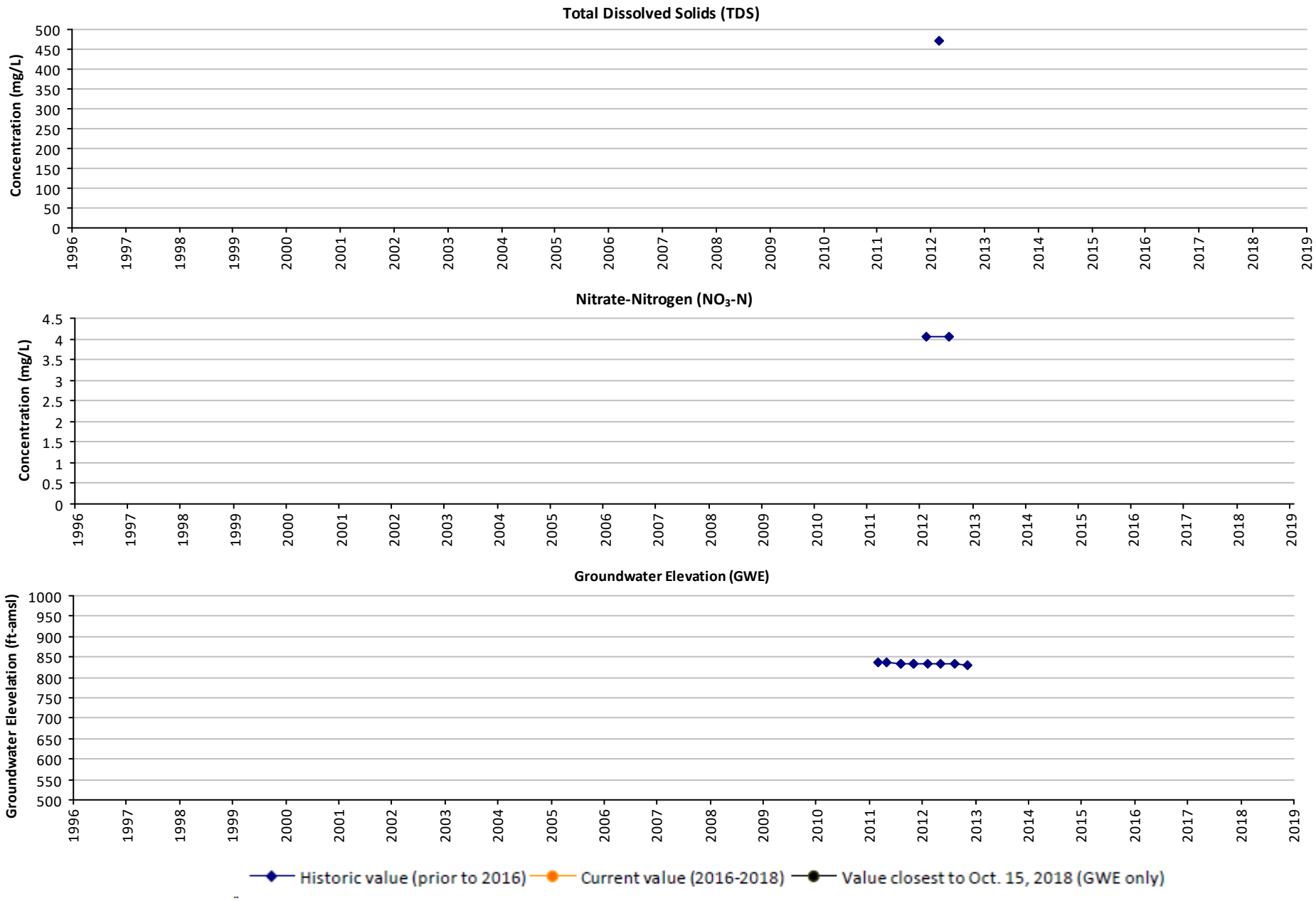

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

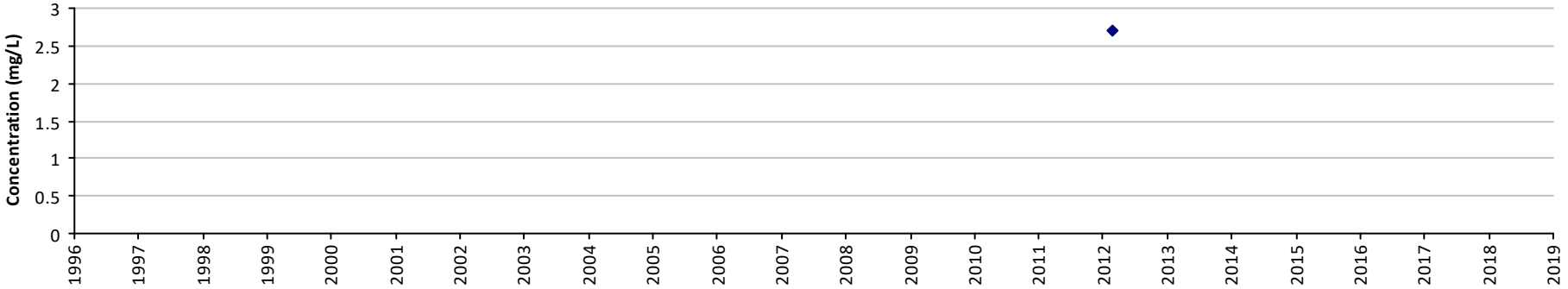

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

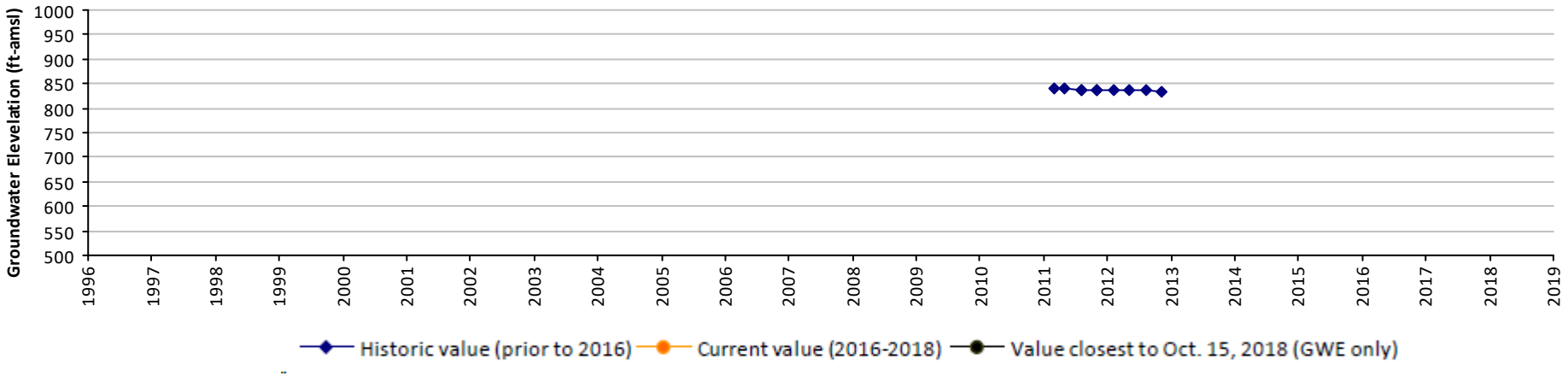

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

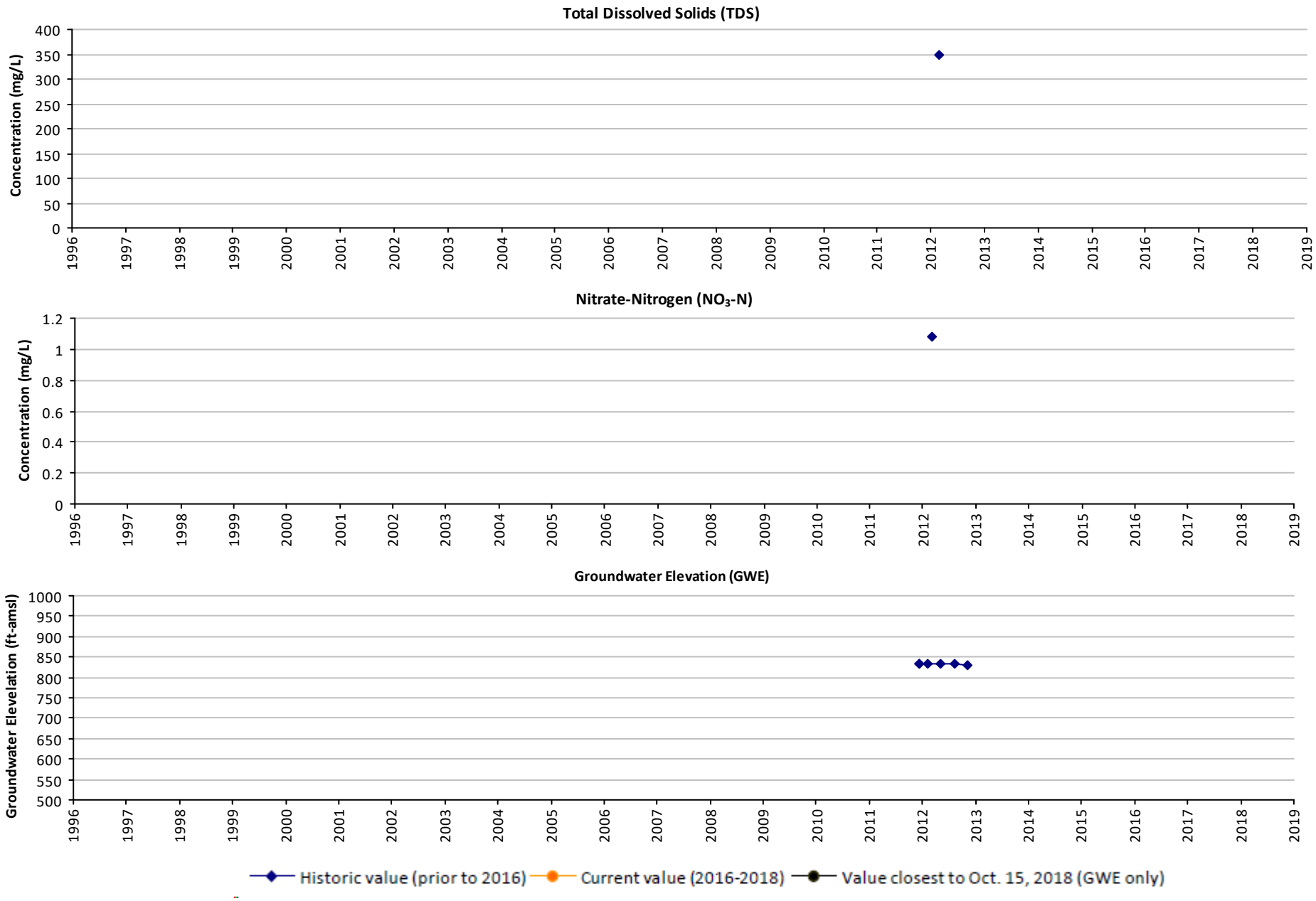
Total Dissolved Solids (TDS)

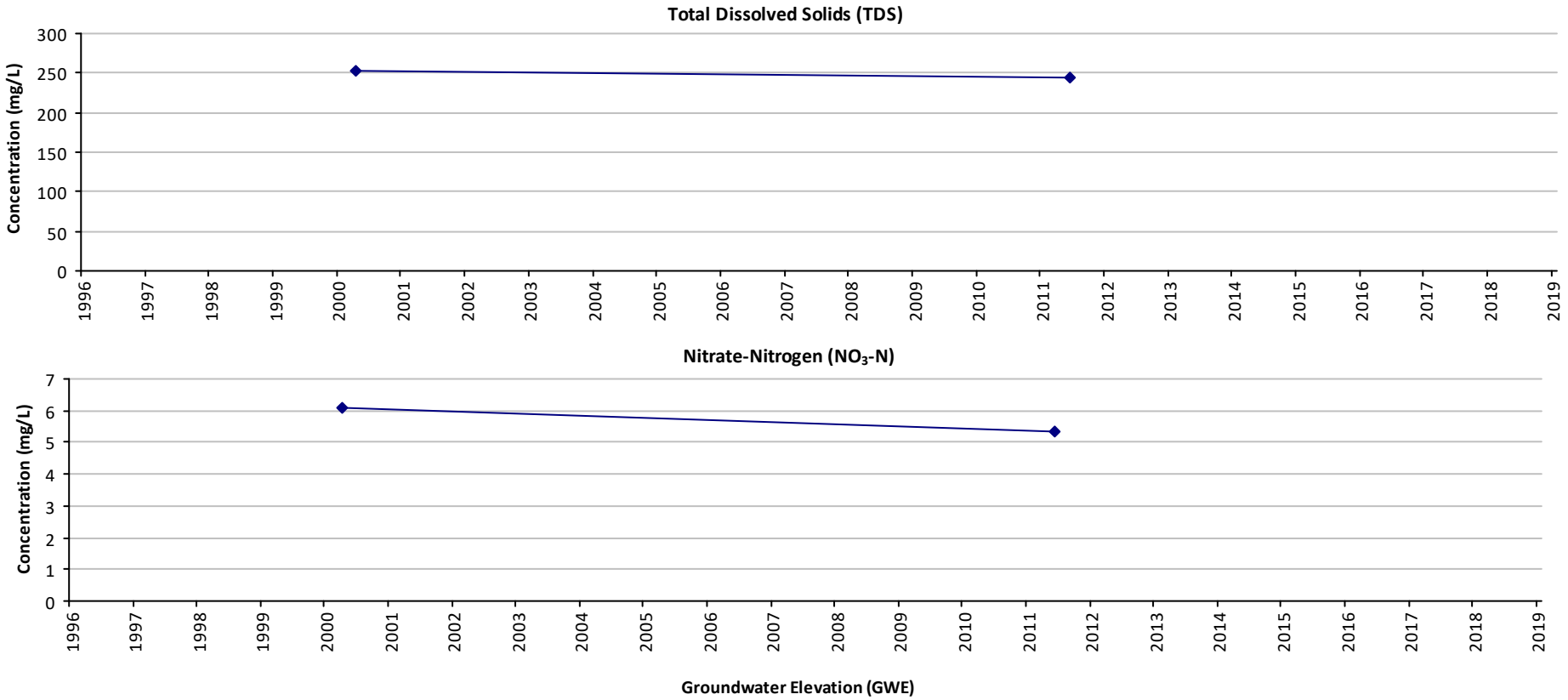
Nitrate-Nitrogen (NO_3-N)



Groundwater Elevation (GWE)

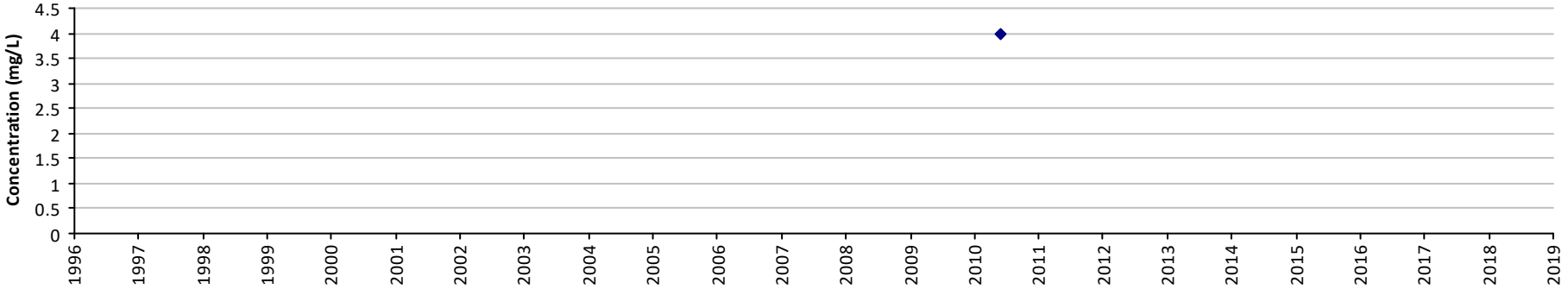



Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

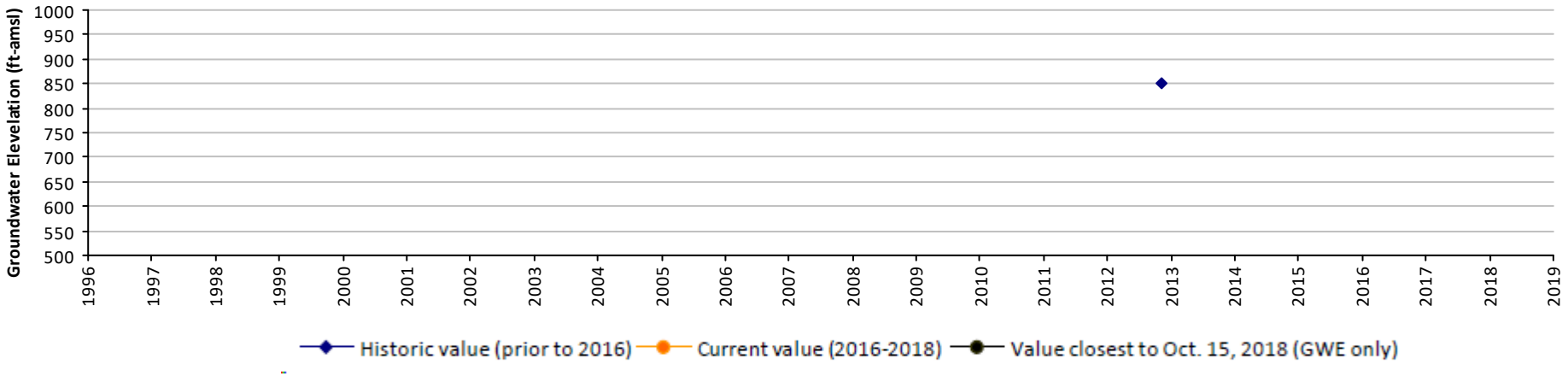

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

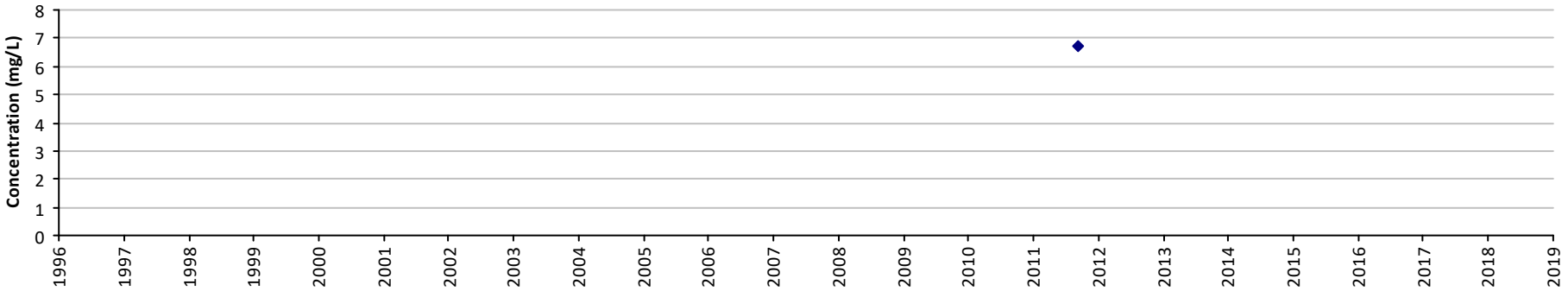


Groundwater Elevation (GWE)

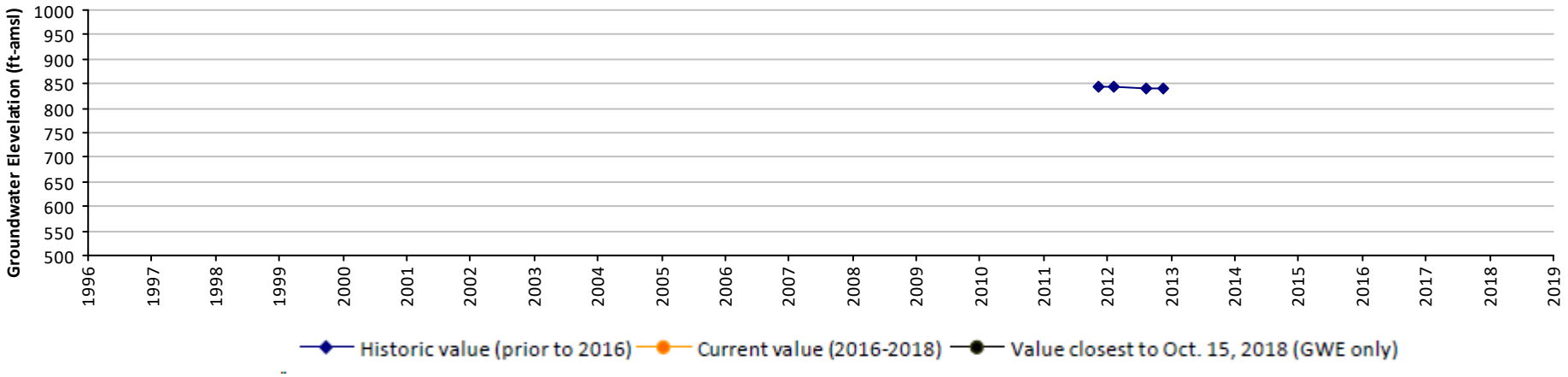


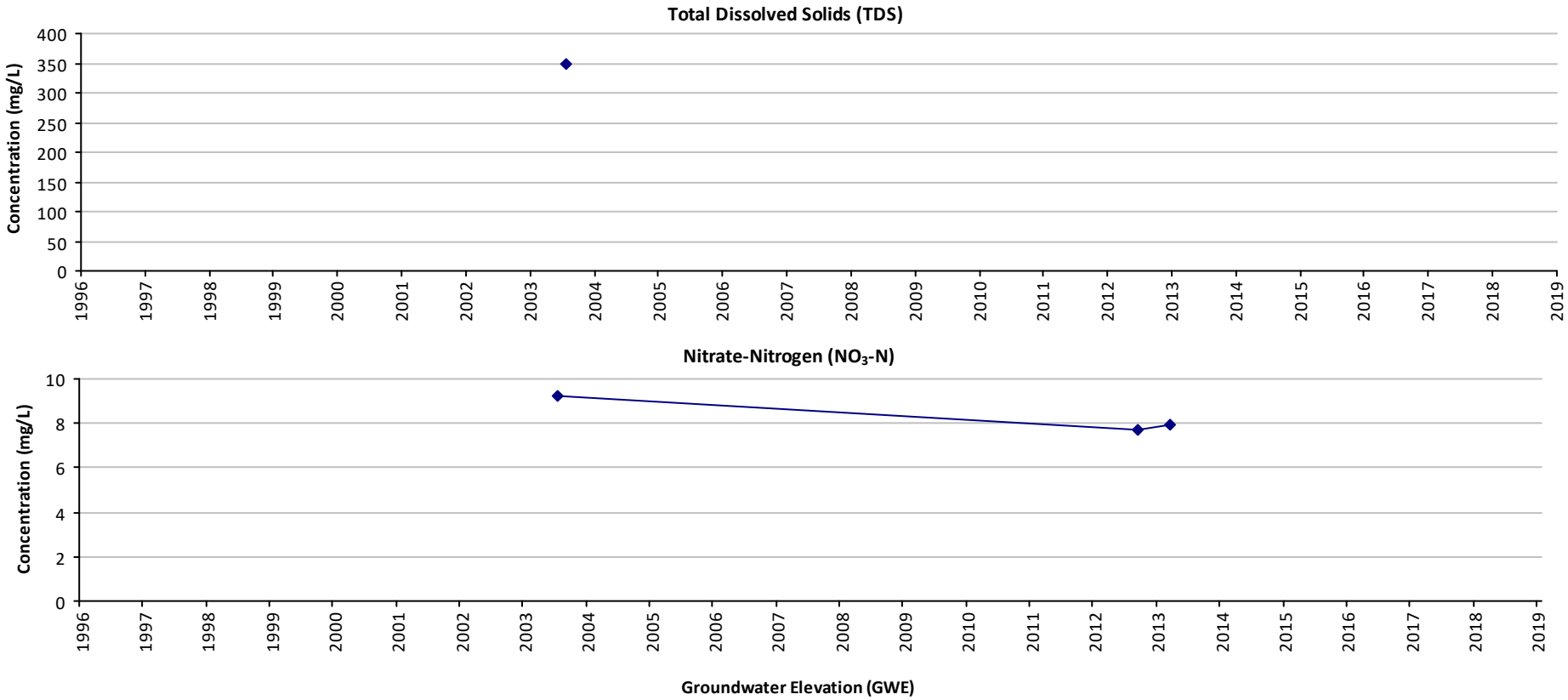
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)

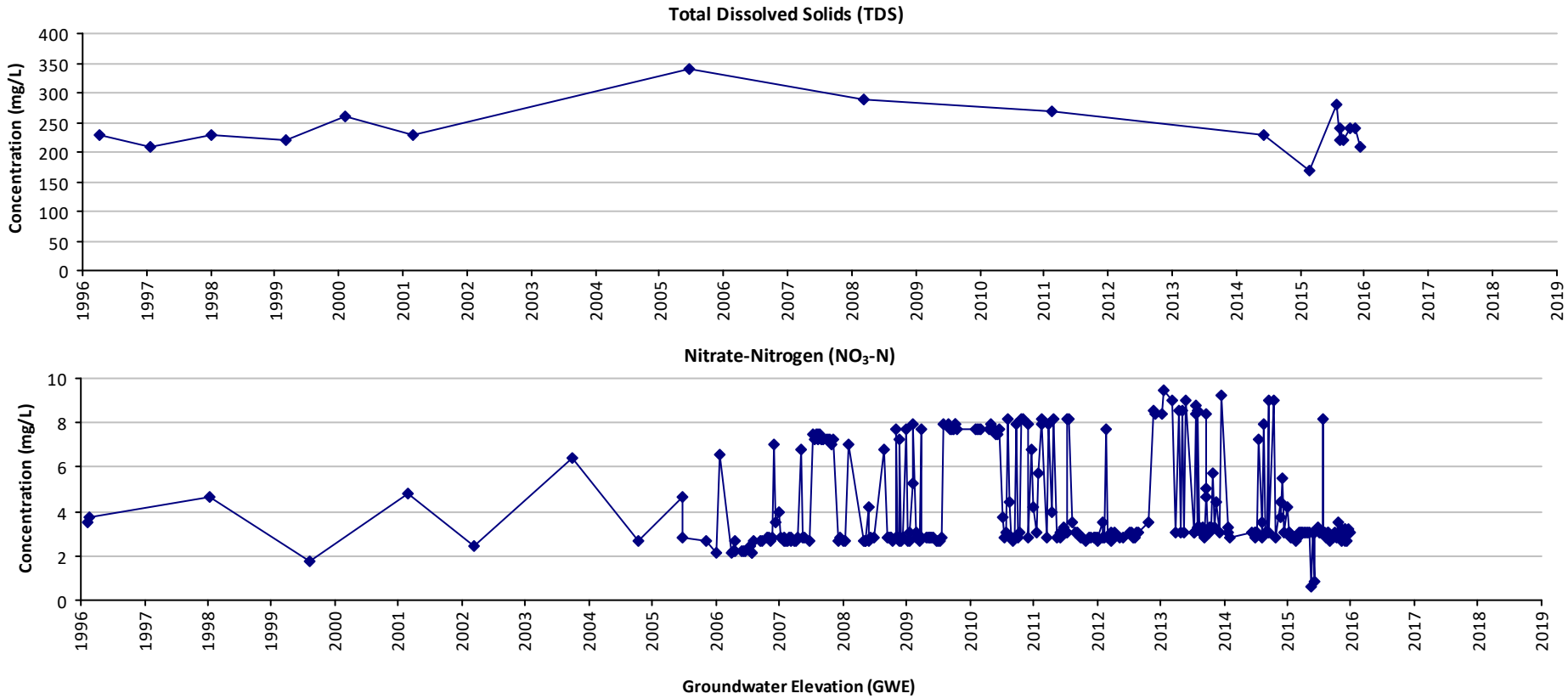


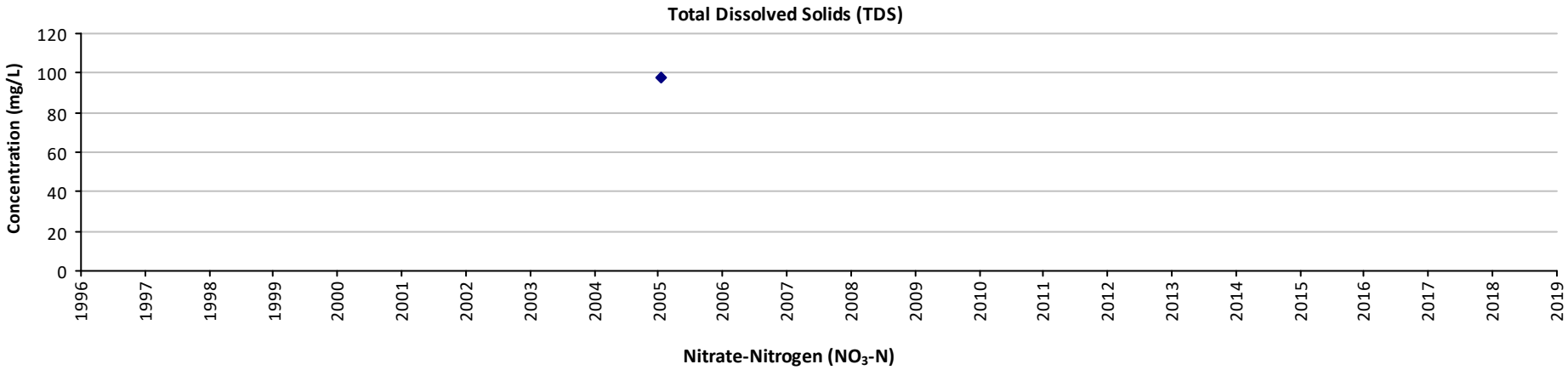
Groundwater Elevation (GWE)

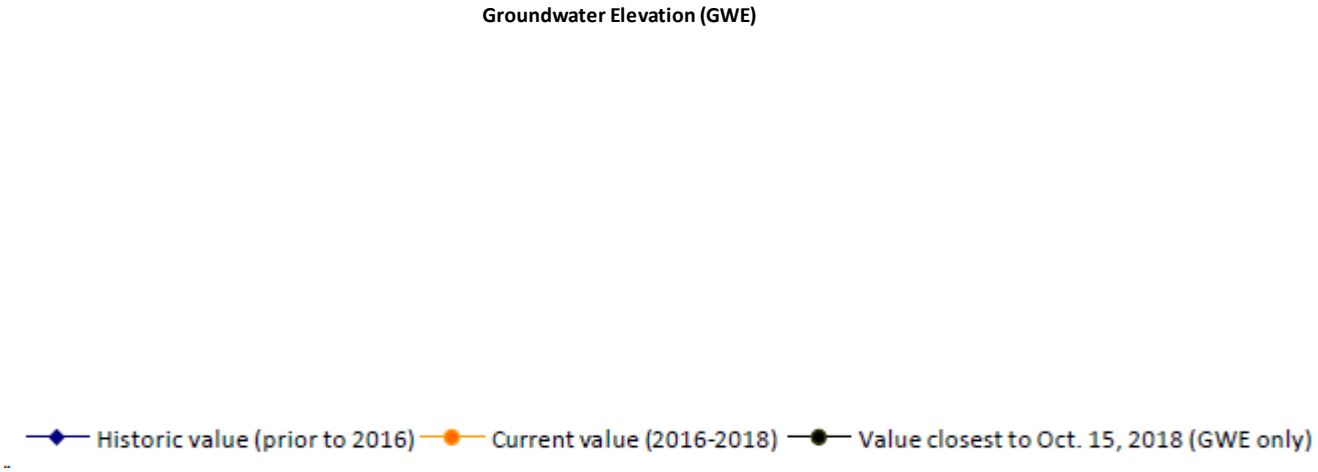



Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

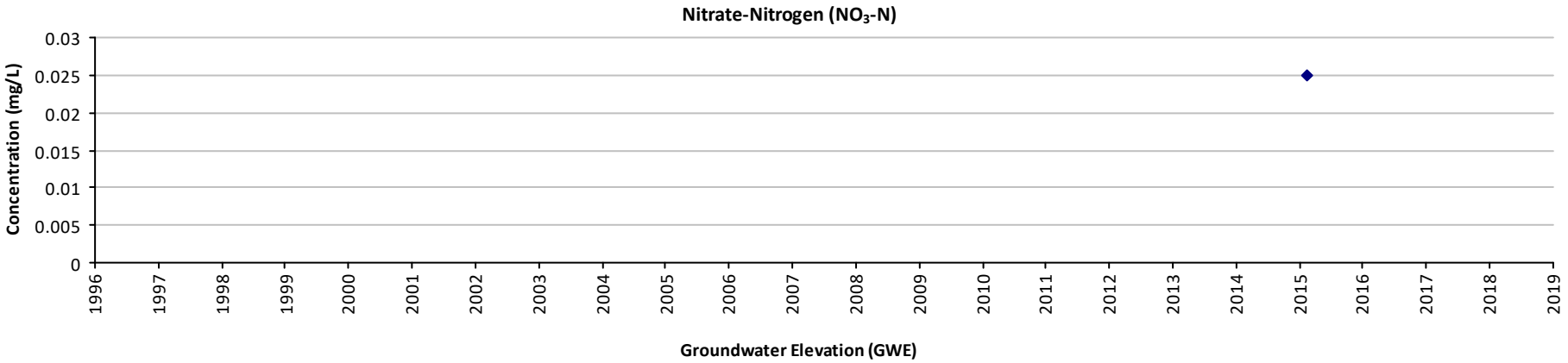
Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
120
100
80
60
40
20
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

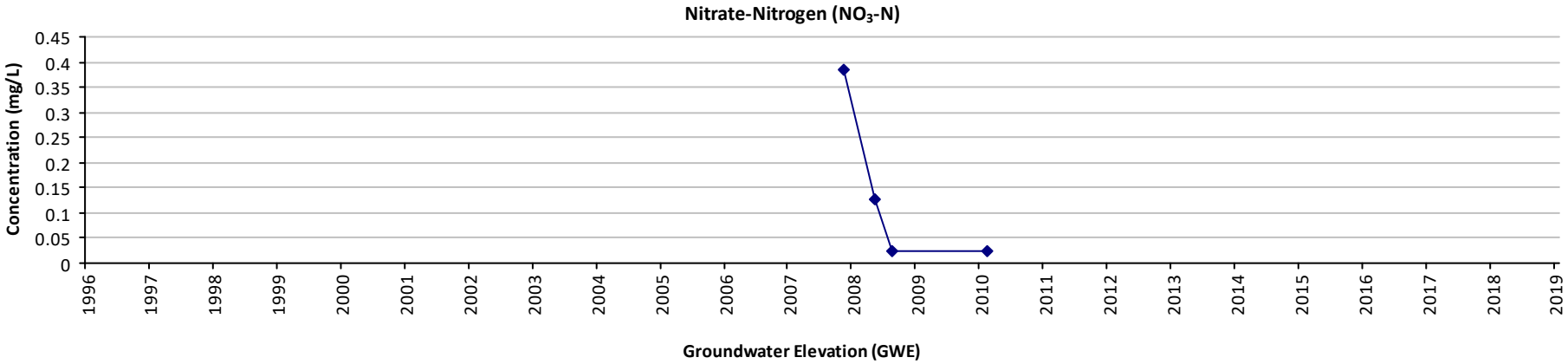

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



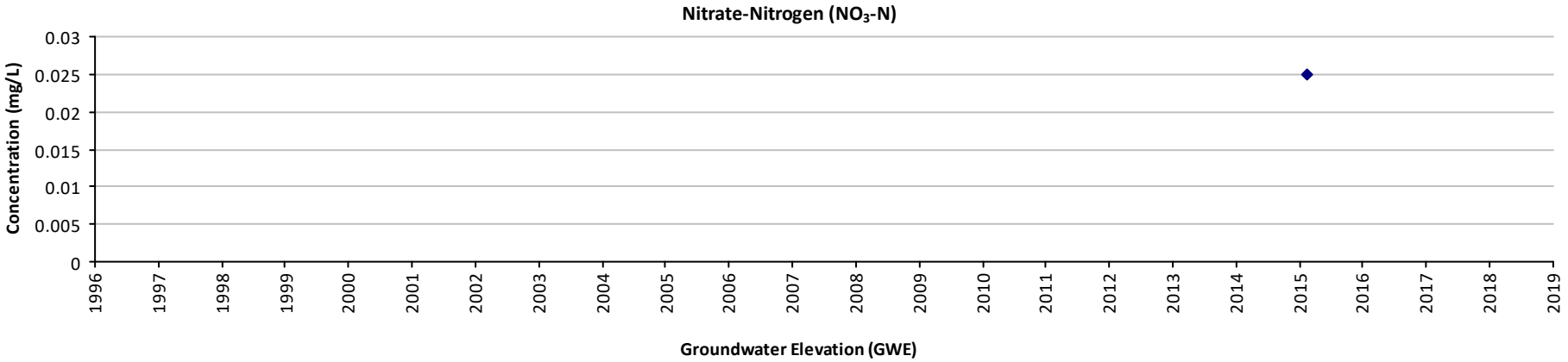
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

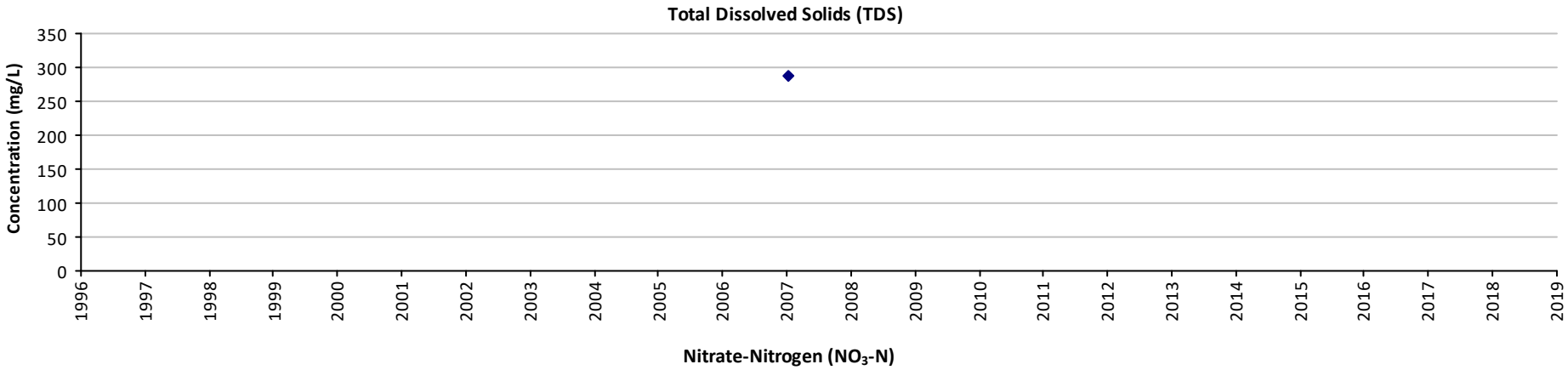


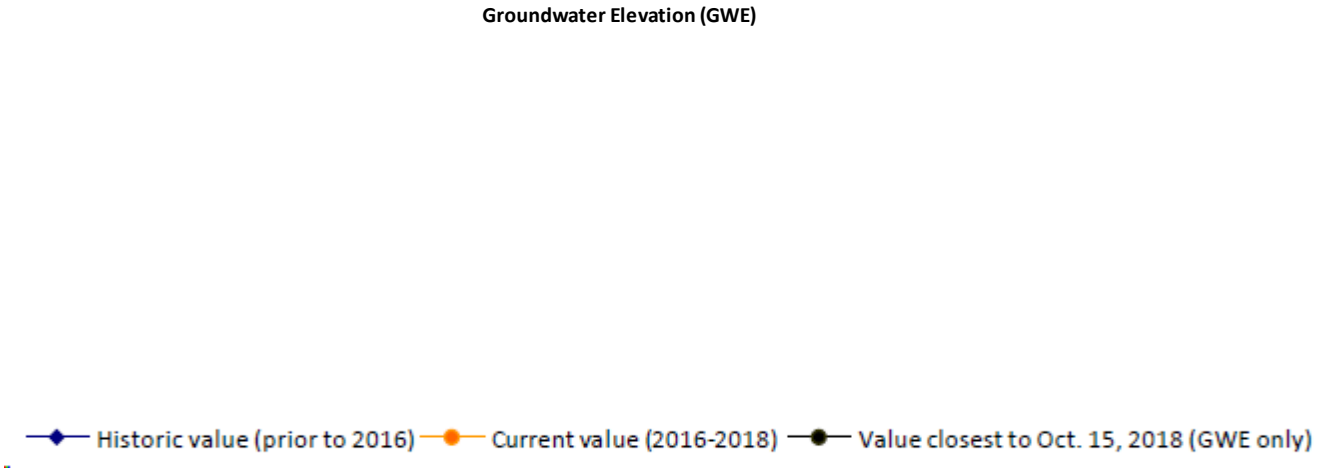
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

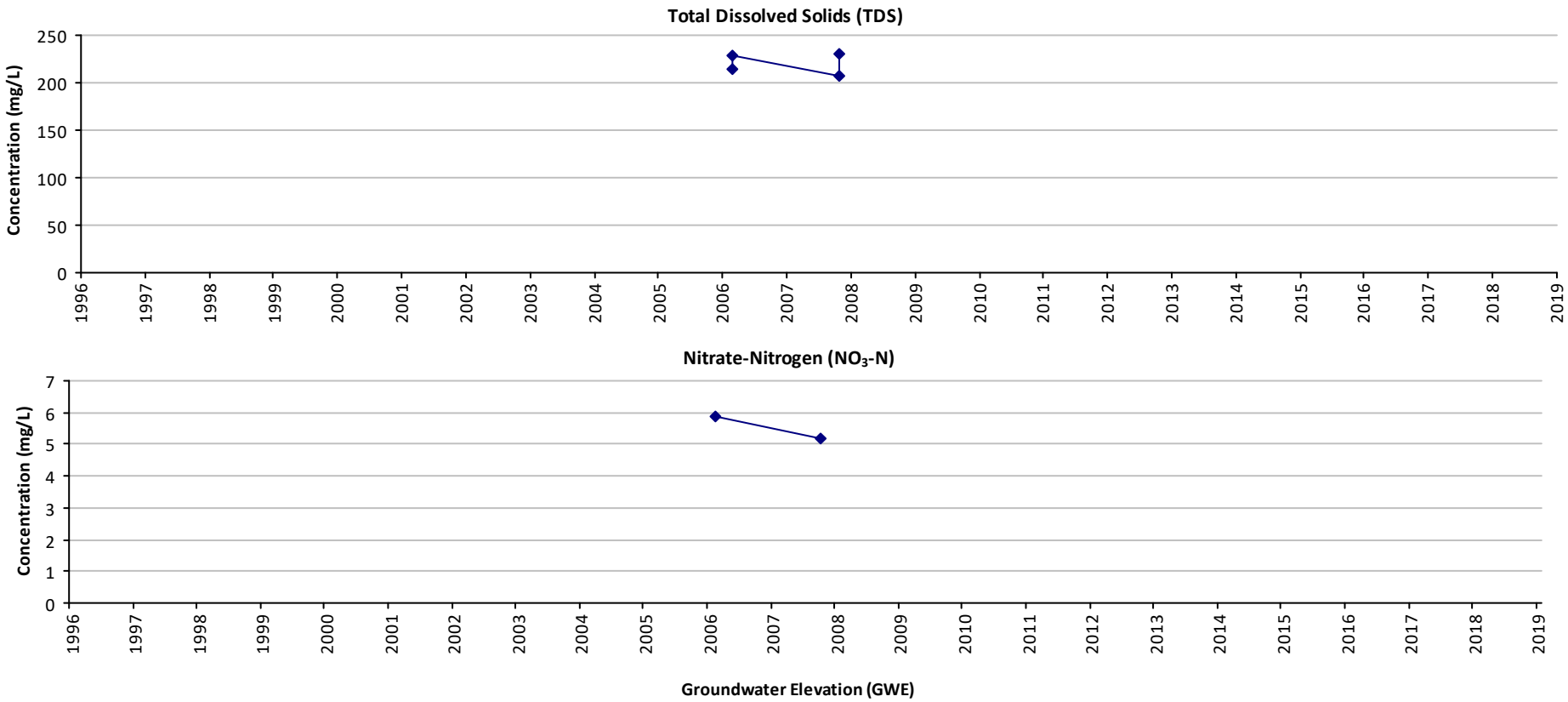


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

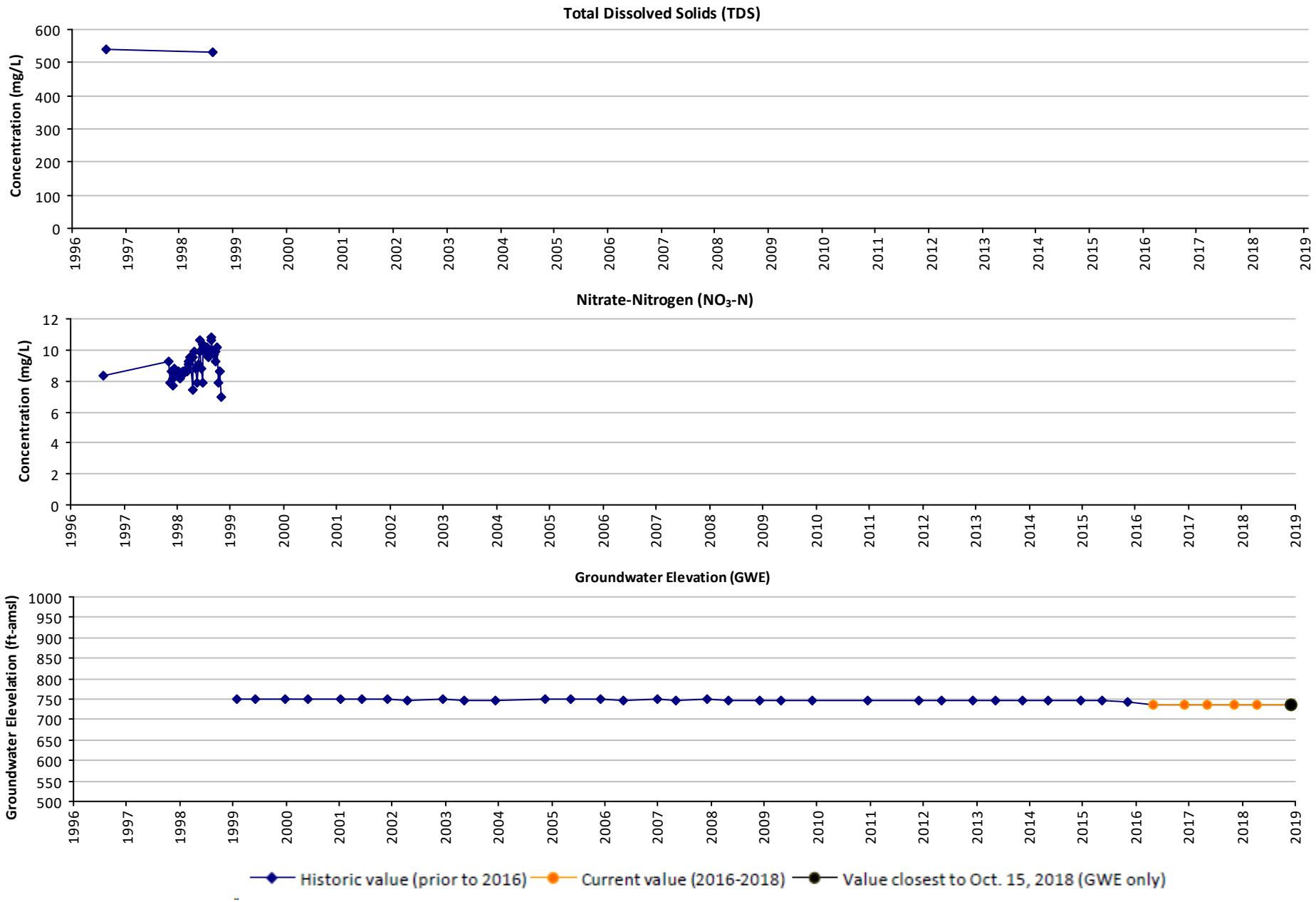

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

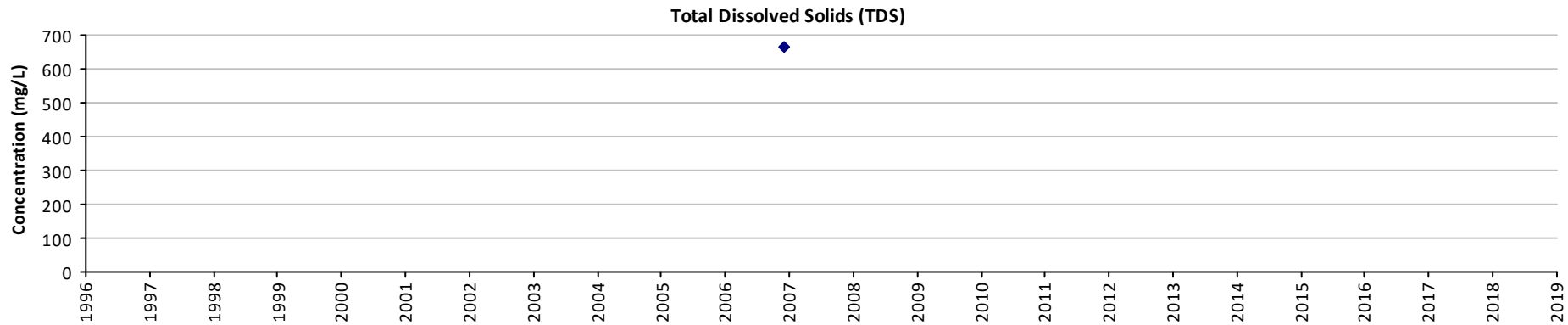

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

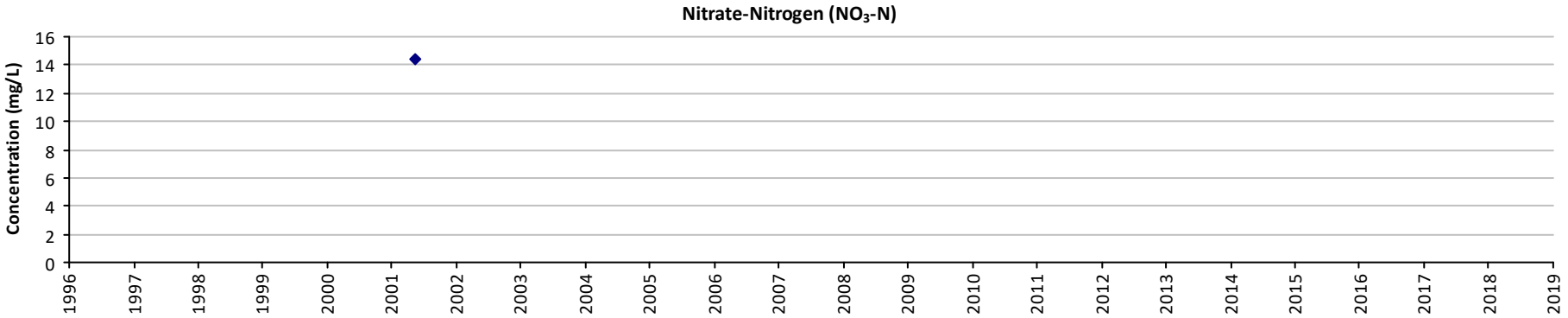
Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

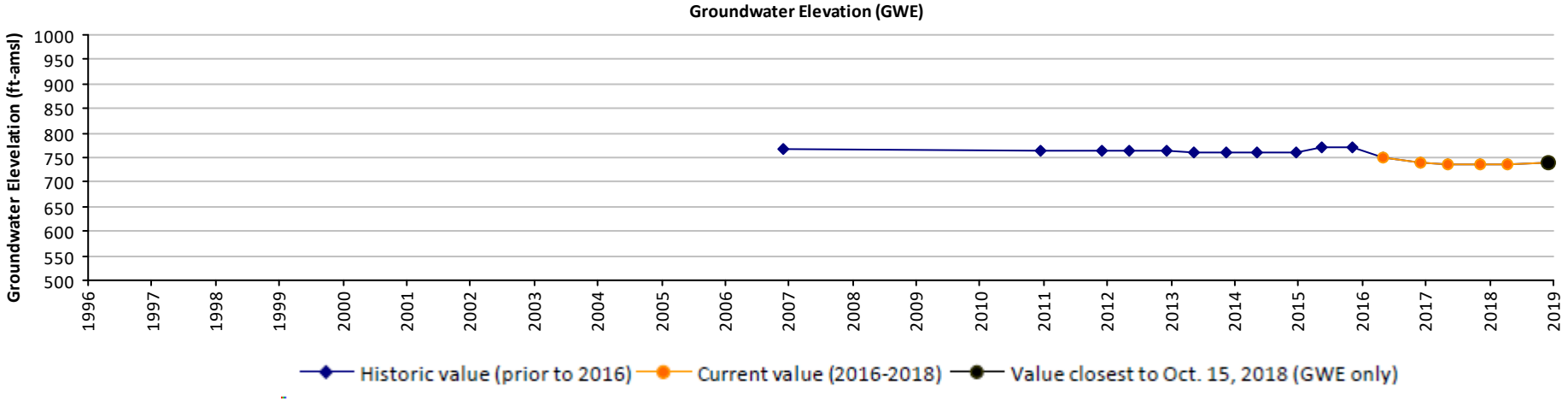

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

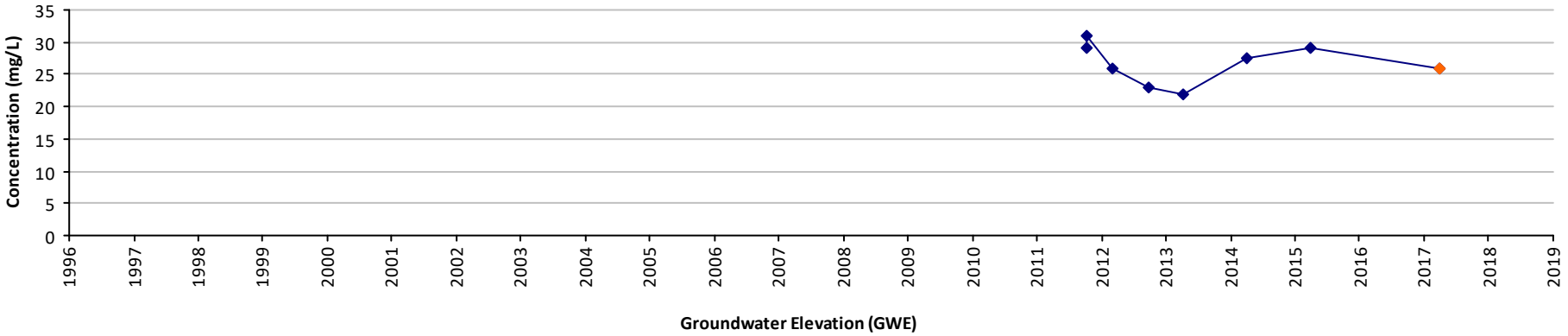

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

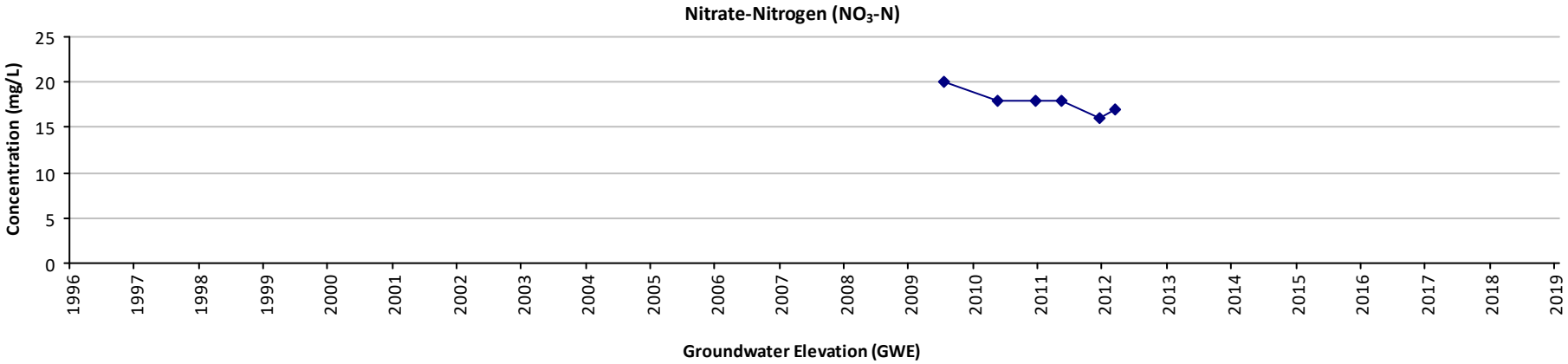
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



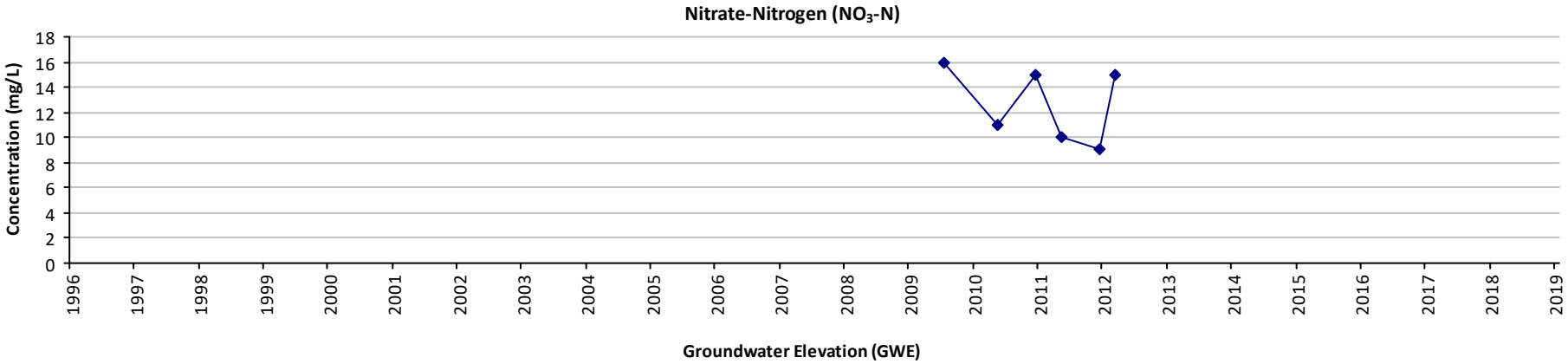
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

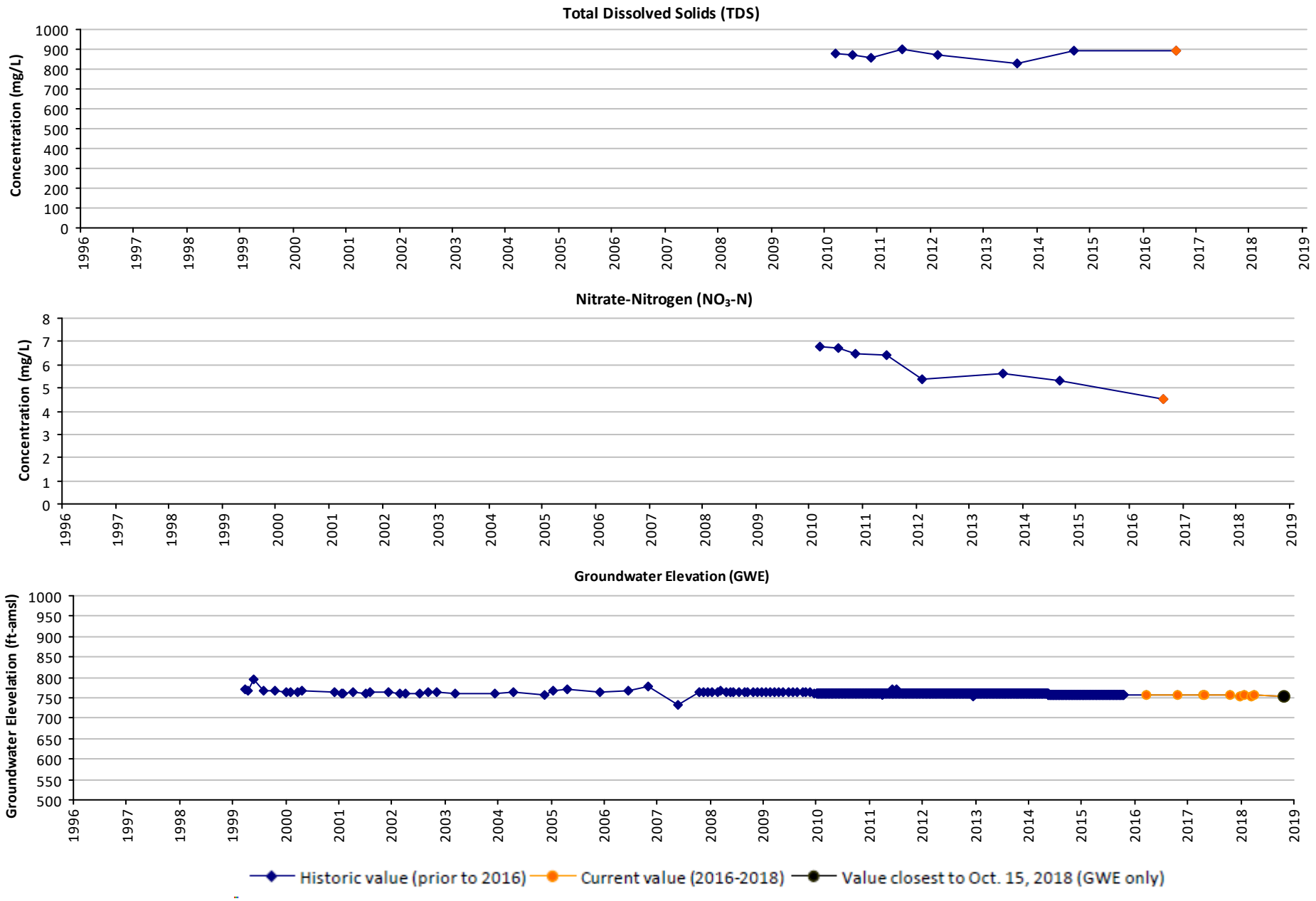


Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

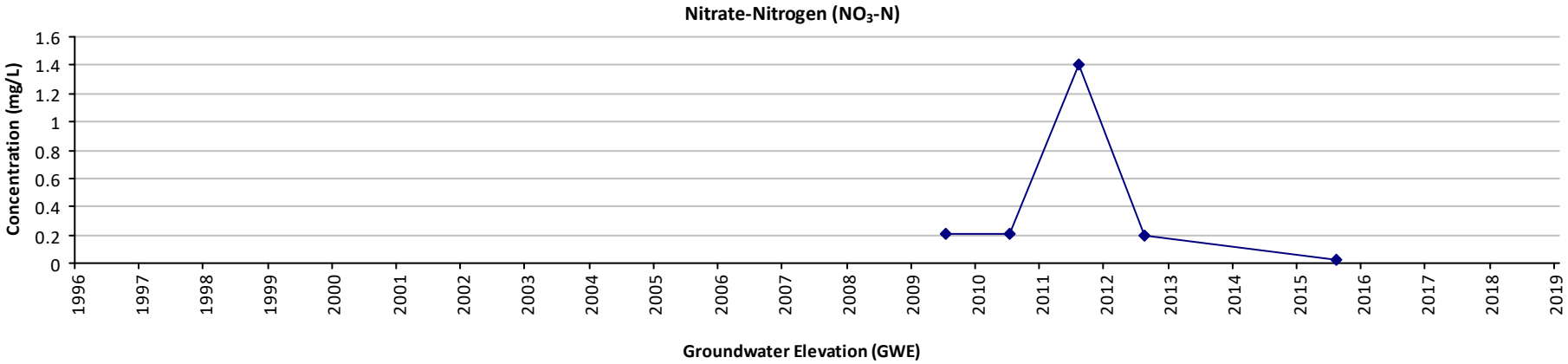
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

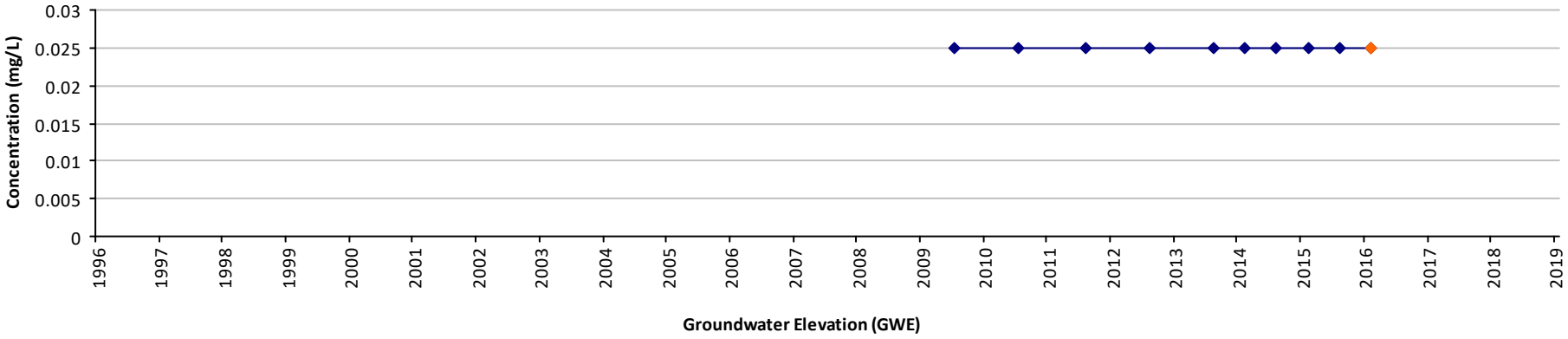
Total Dissolved Solids (TDS)



Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)

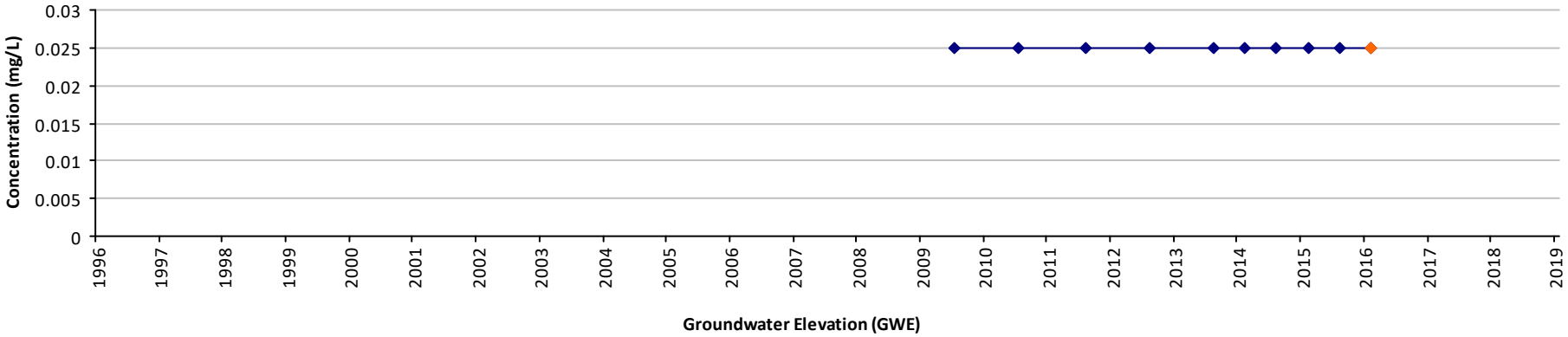
Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

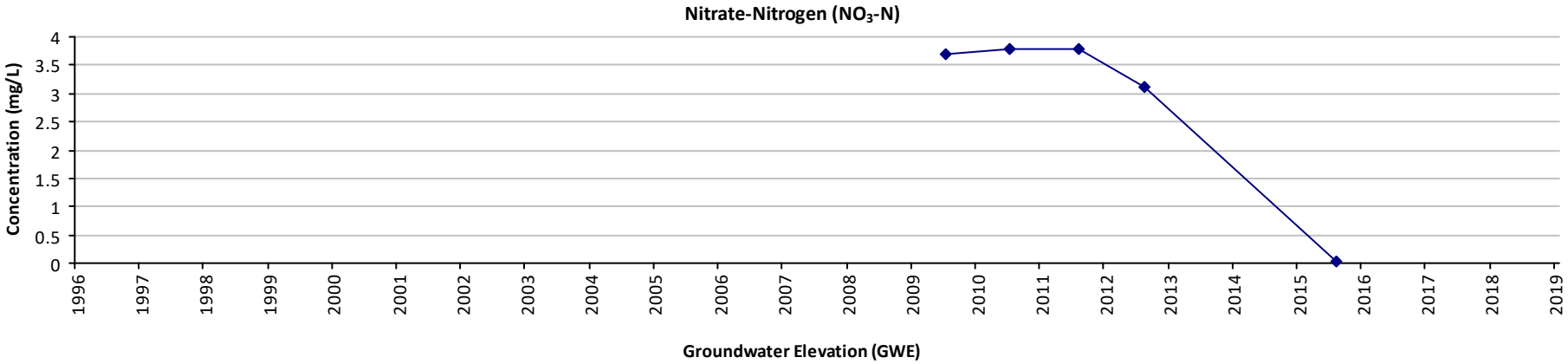
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

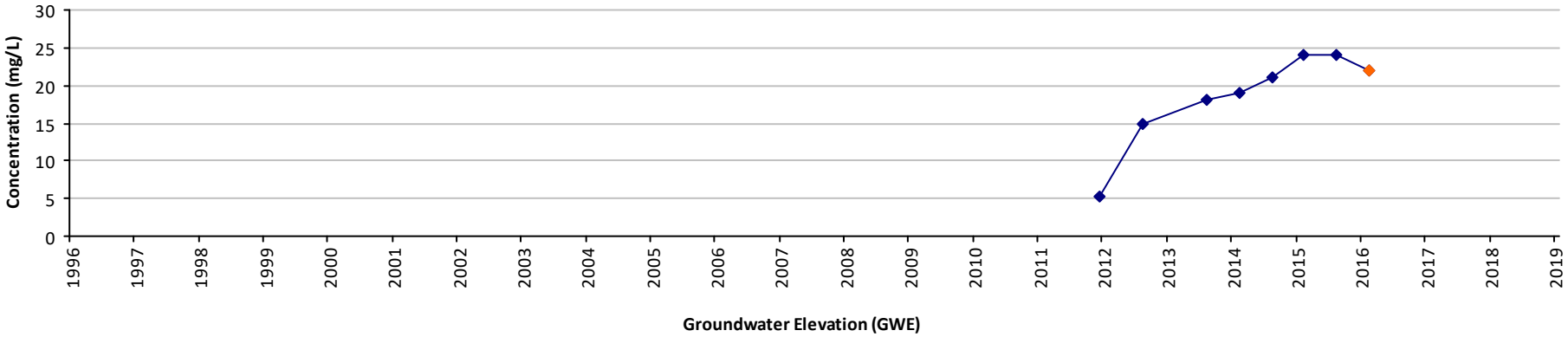
Total Dissolved Solids (TDS)



Historic value (prior to 2016) Current value (2016-2018) Value closest to Oct. 15, 2018 (GWE only)

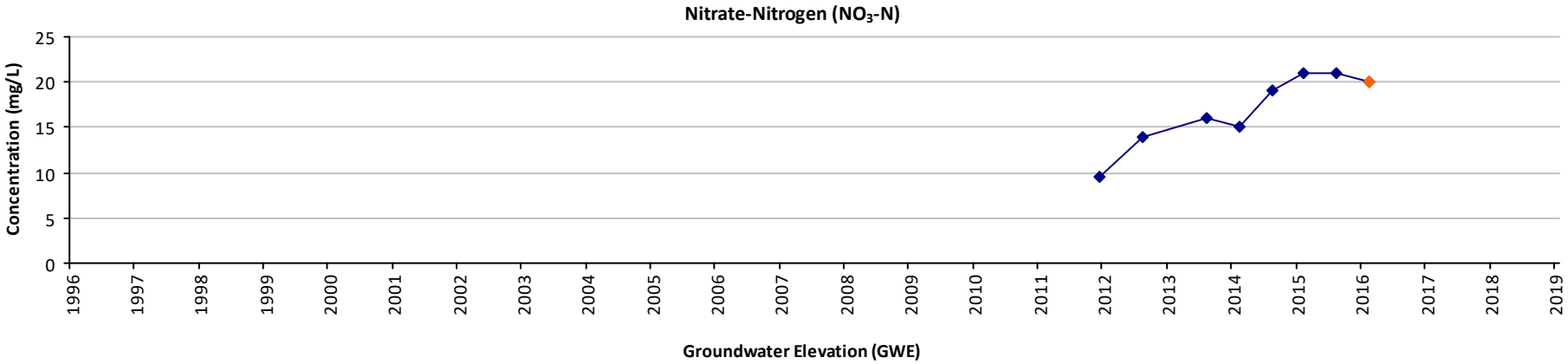
Total Dissolved Solids (TDS)

Nitrate-Nitrogen (NO_3-N)



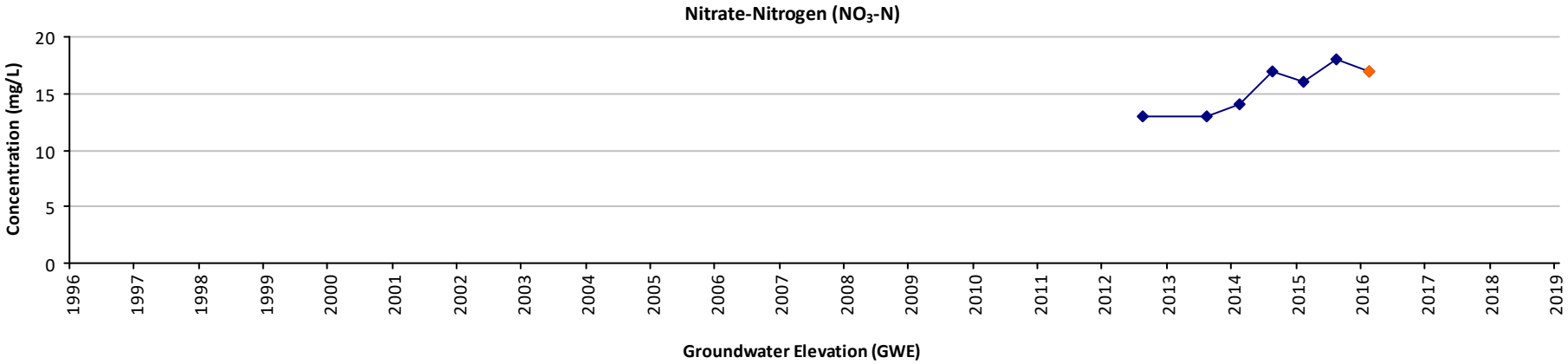
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

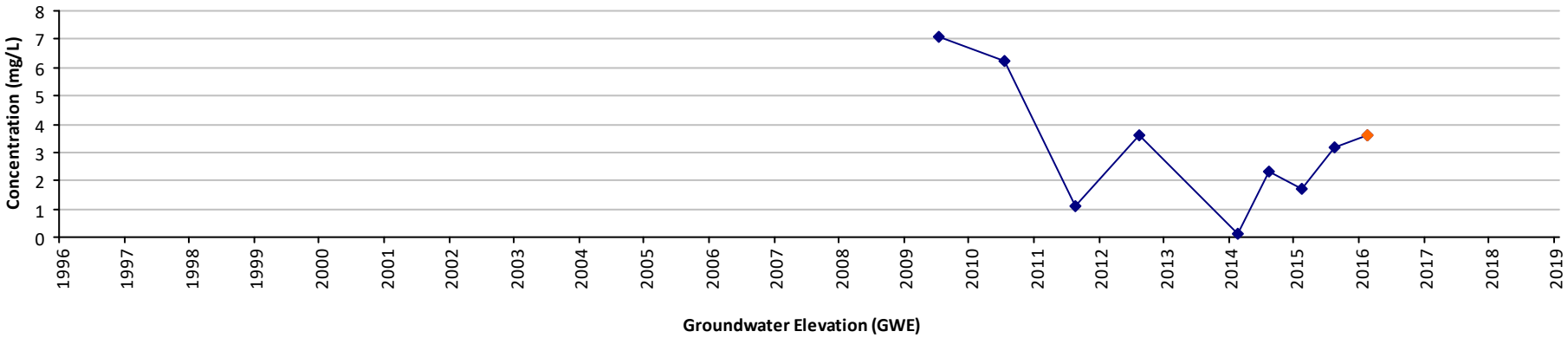
Total Dissolved Solids (TDS)



Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

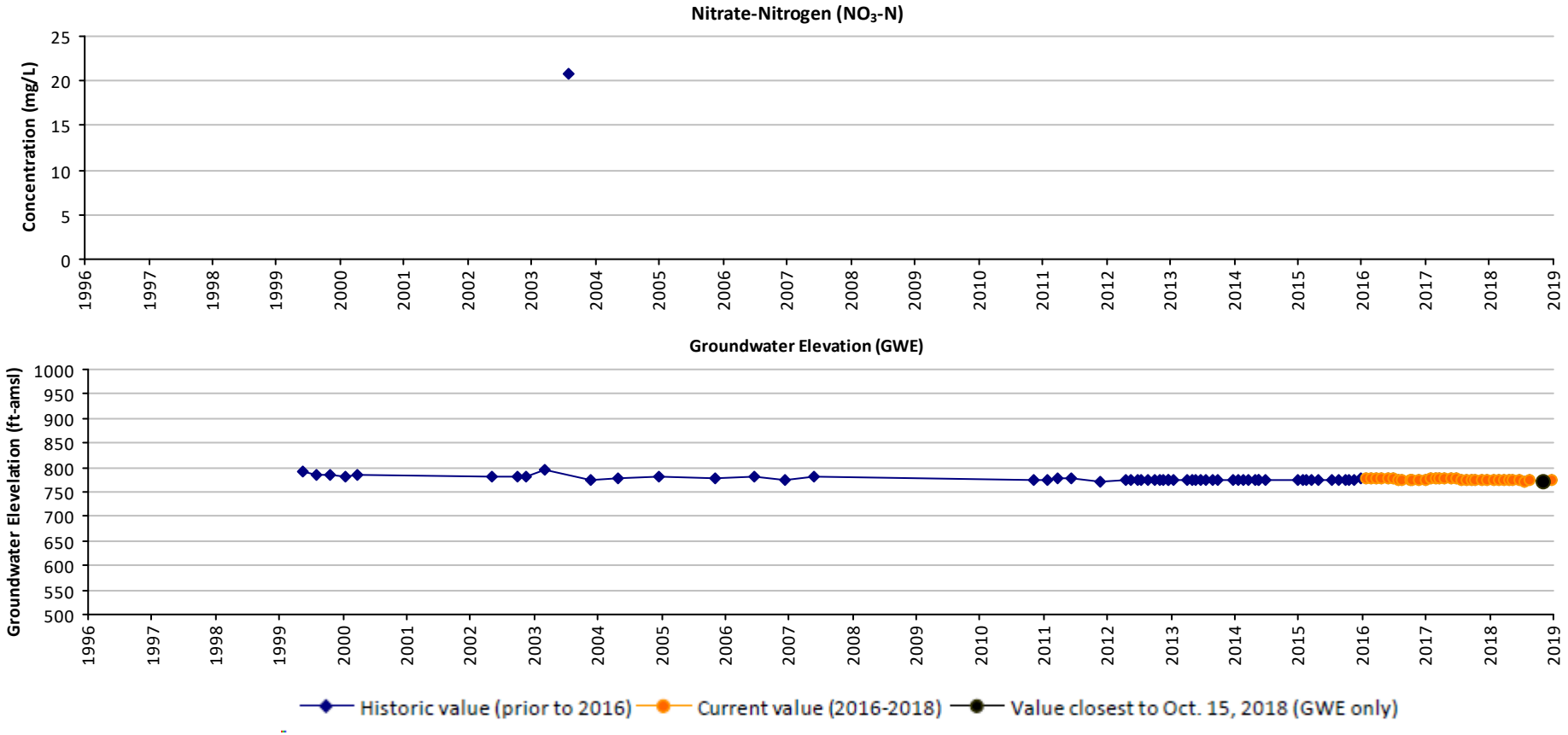
Total Dissolved Solids (TDS)

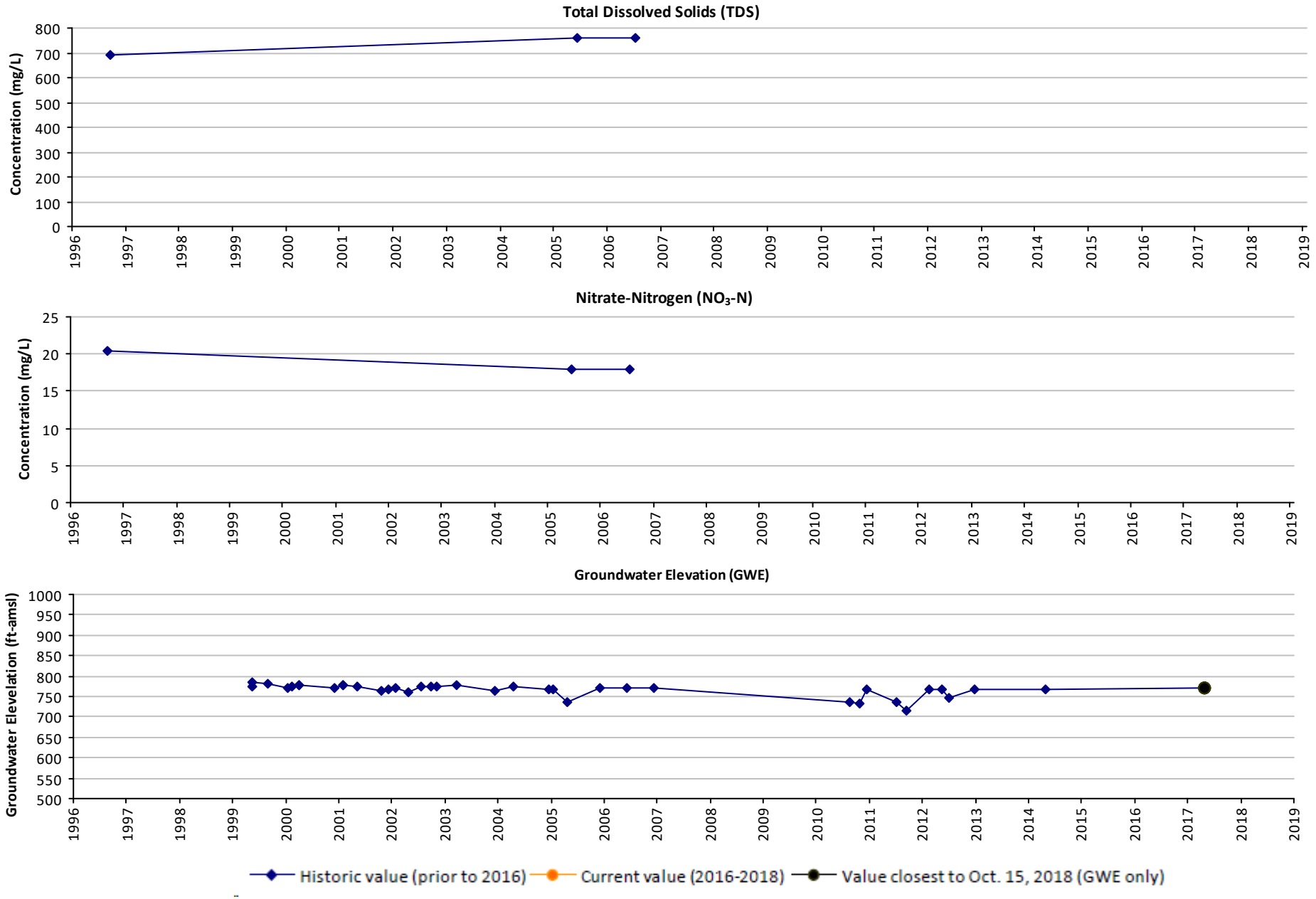
Nitrate-Nitrogen (NO_3-N)

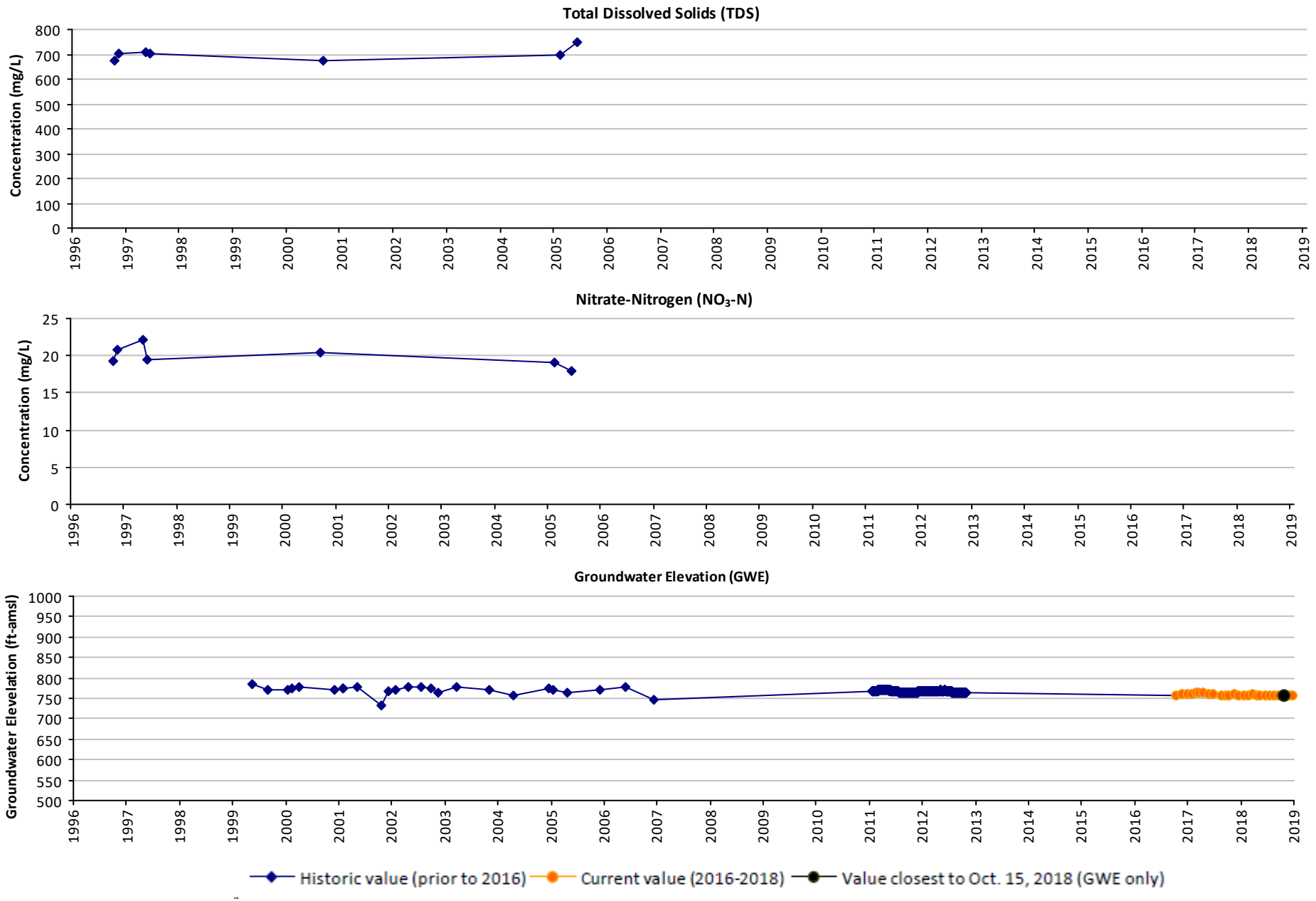


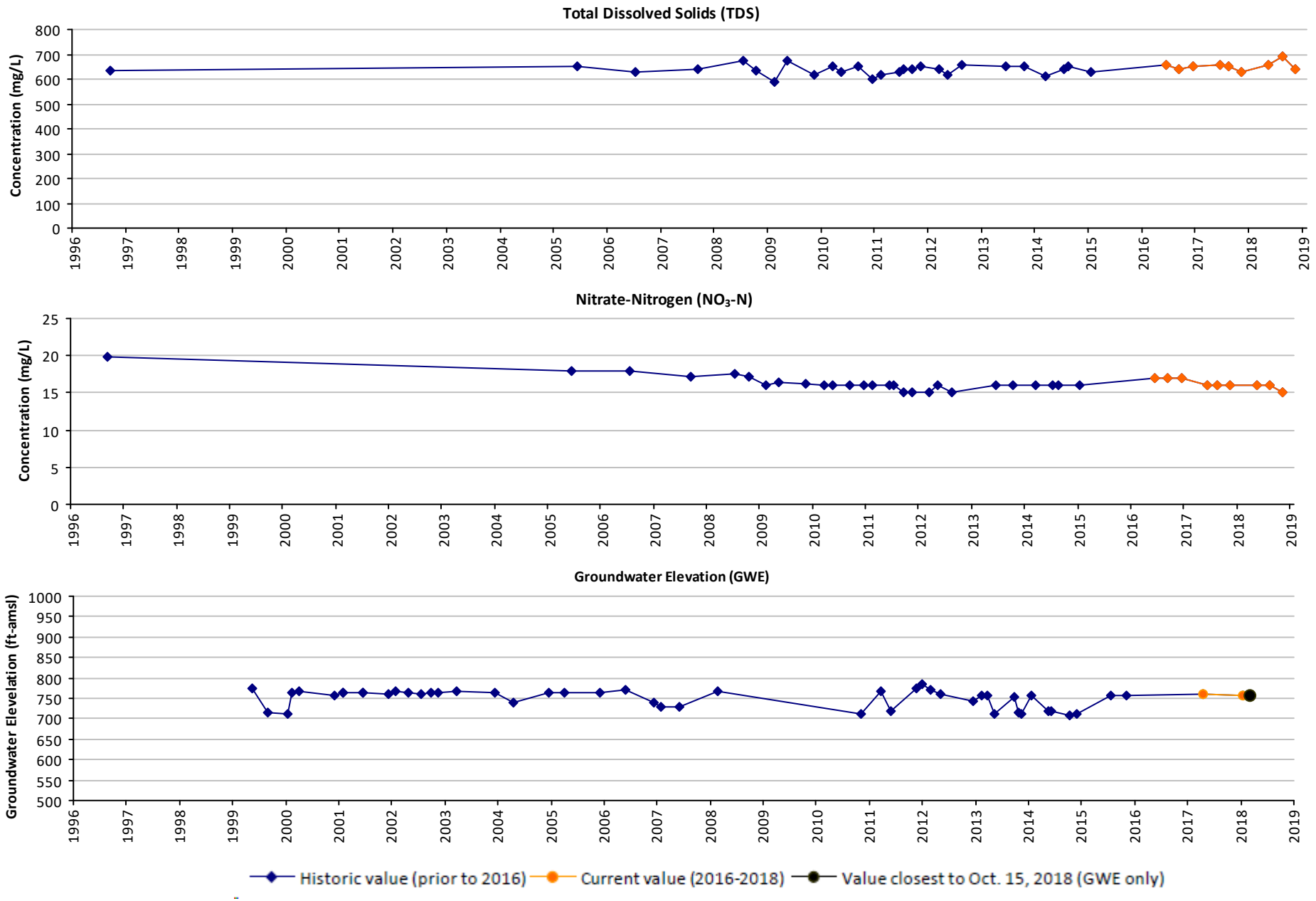
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

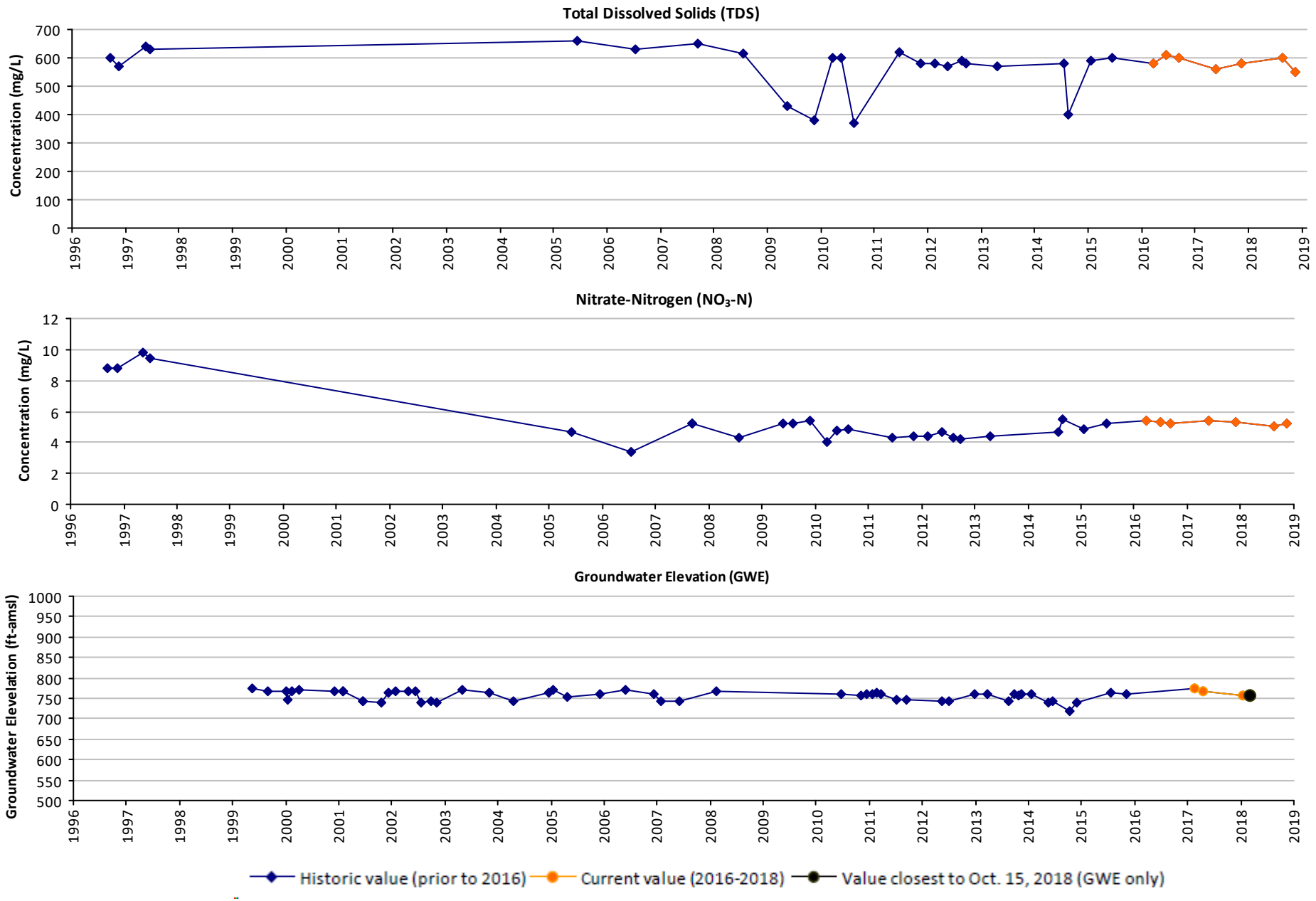
Total Dissolved Solids (TDS)

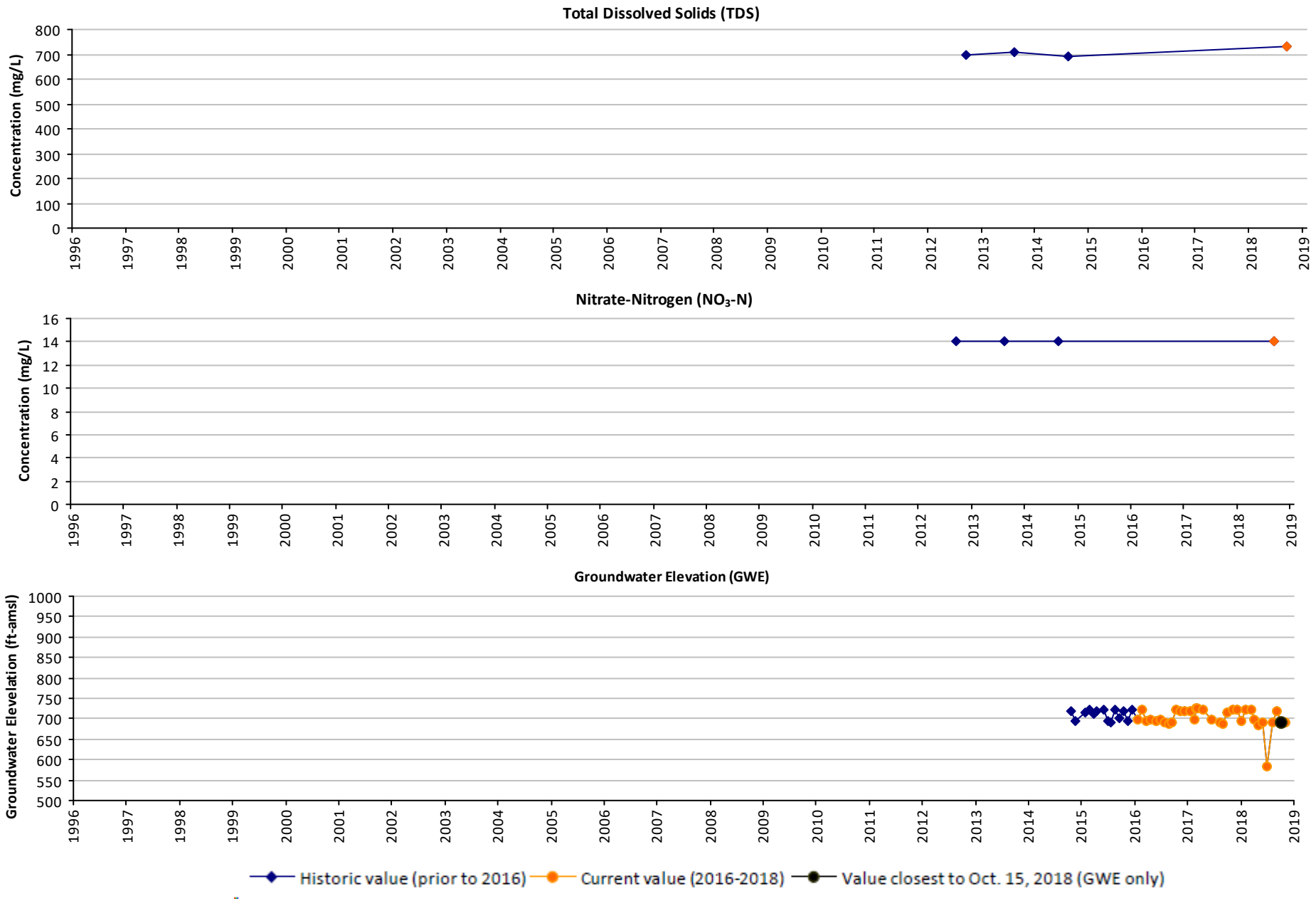


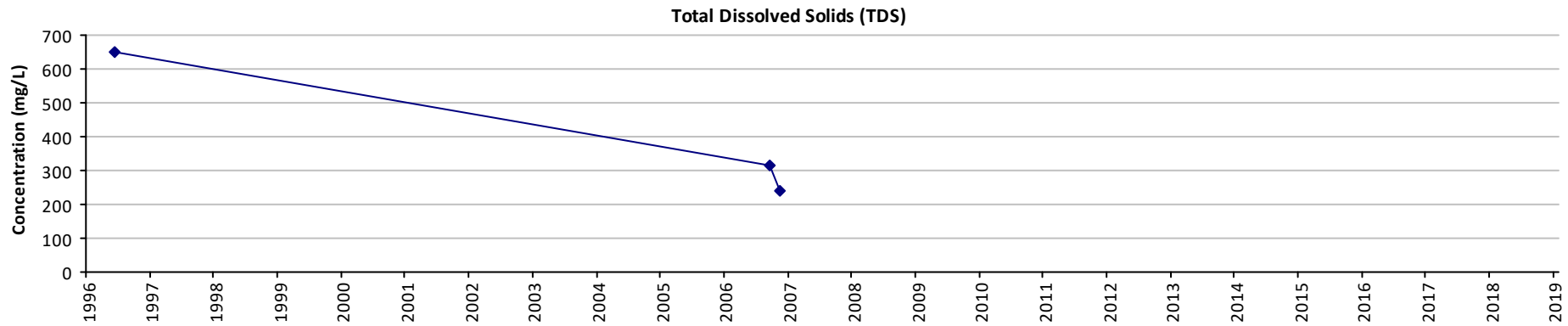

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

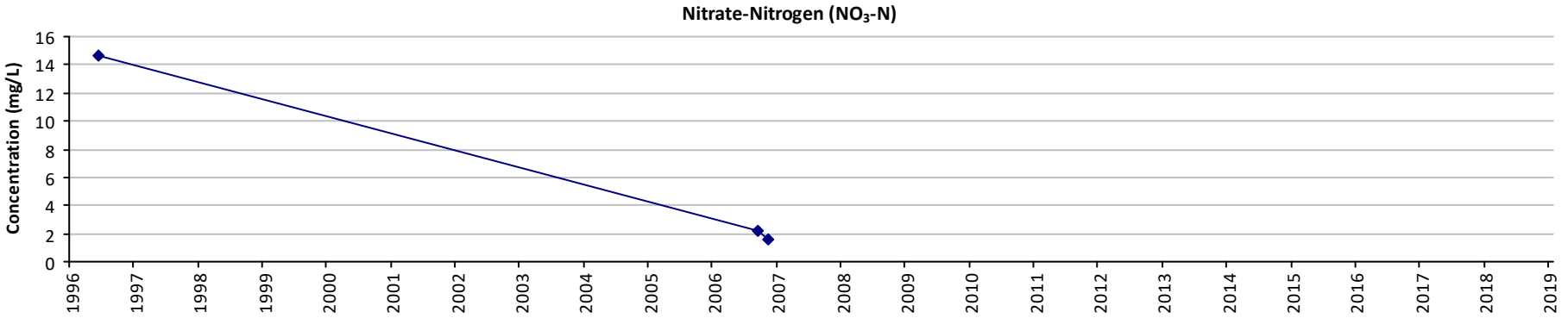

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

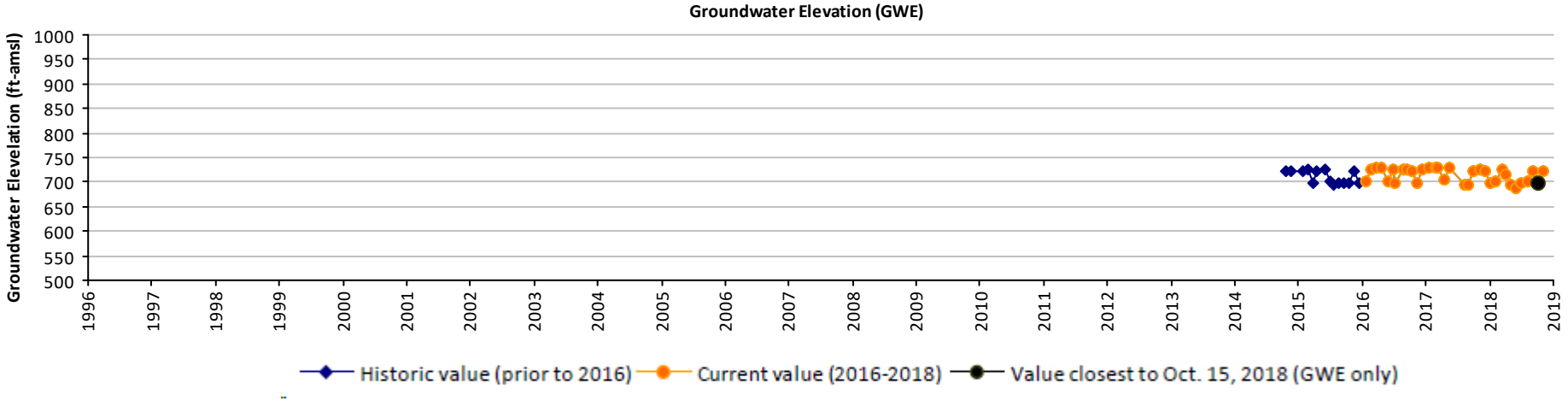

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

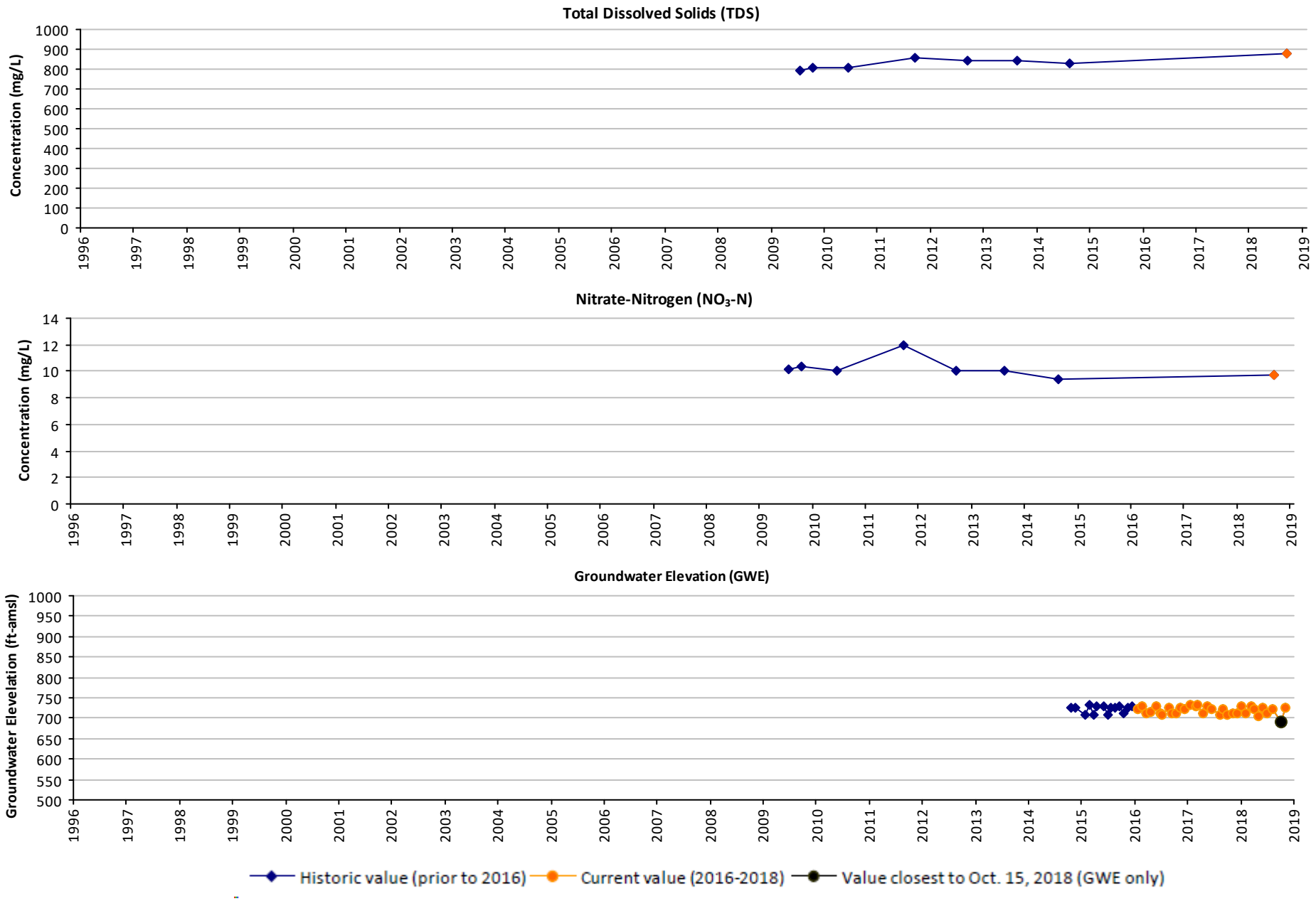

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

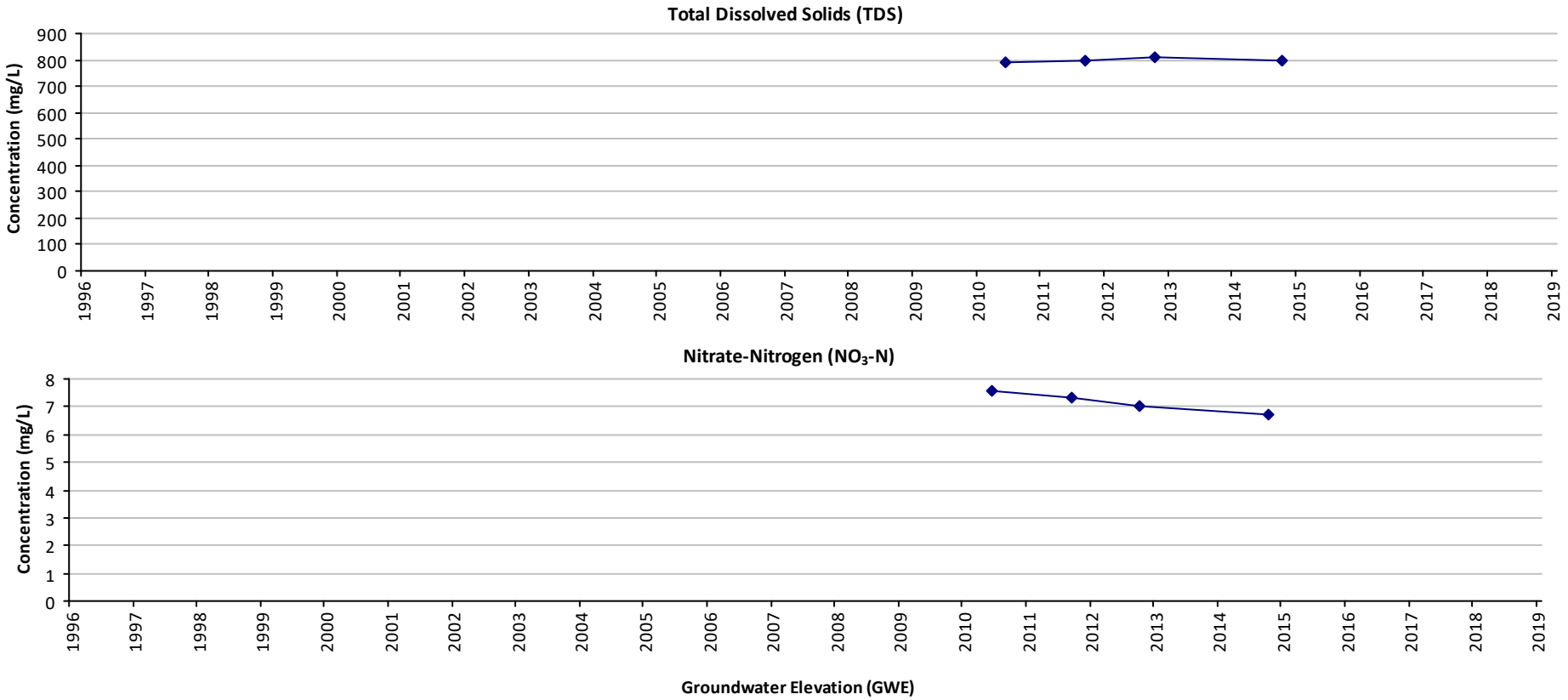

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

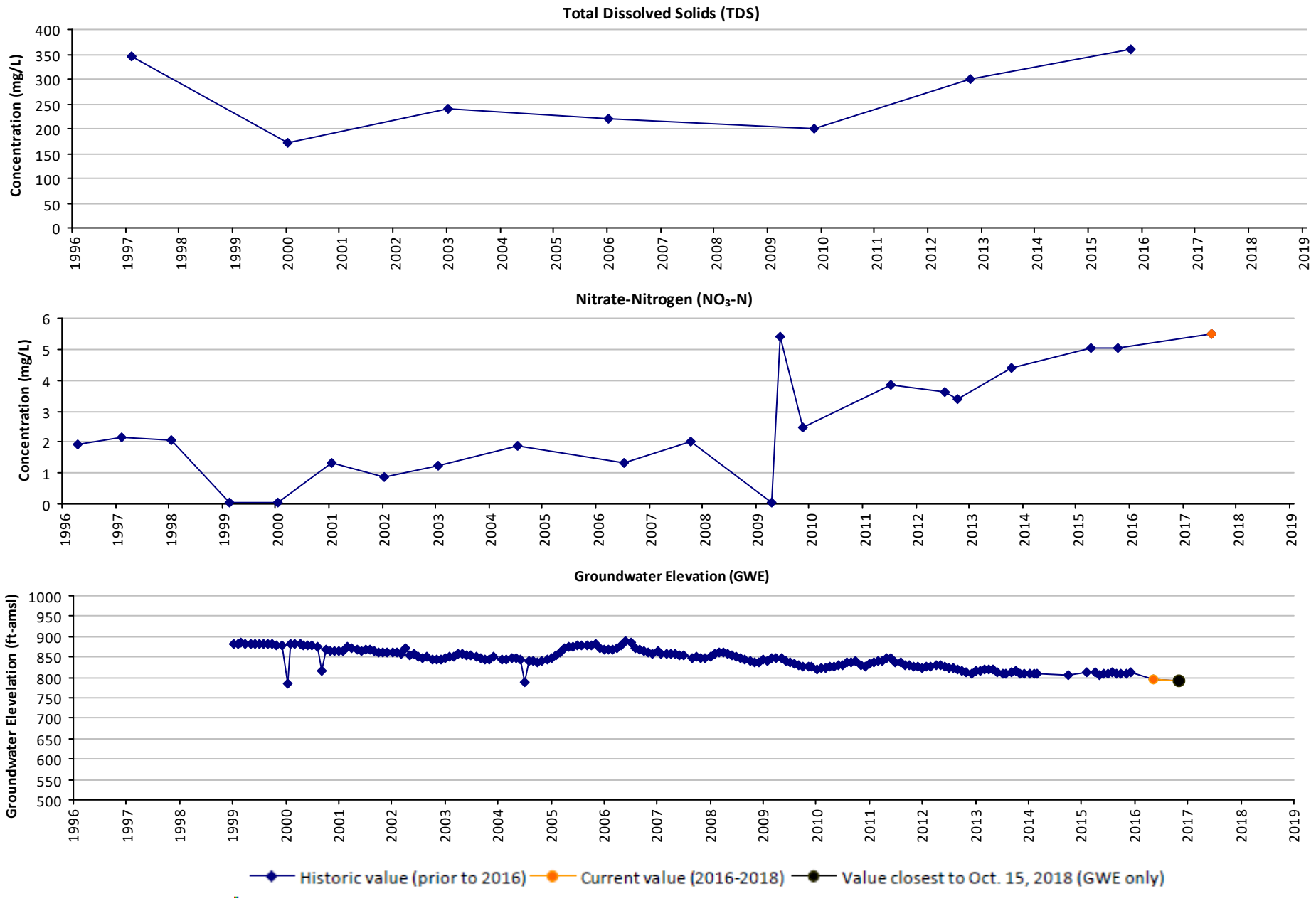

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

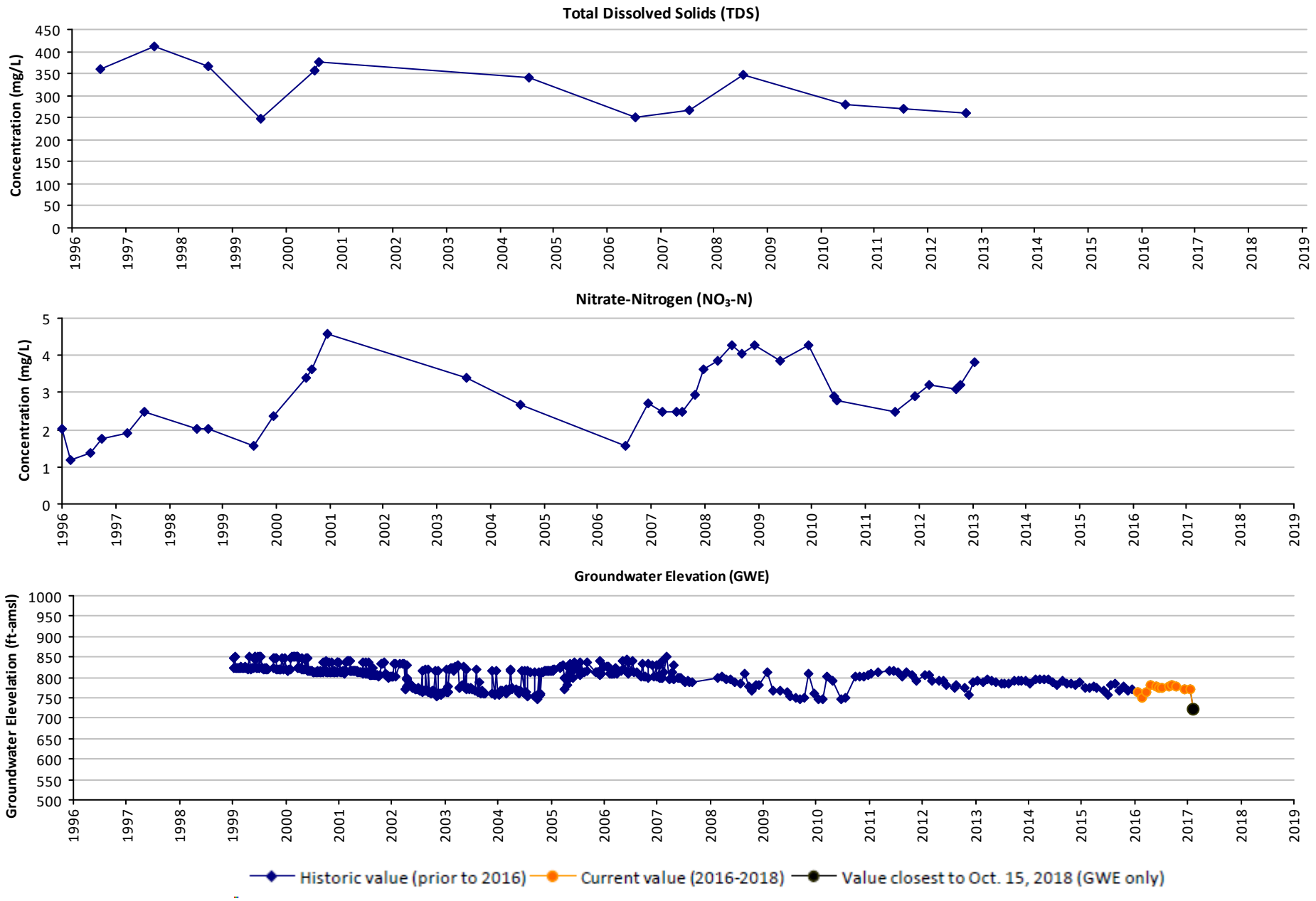

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

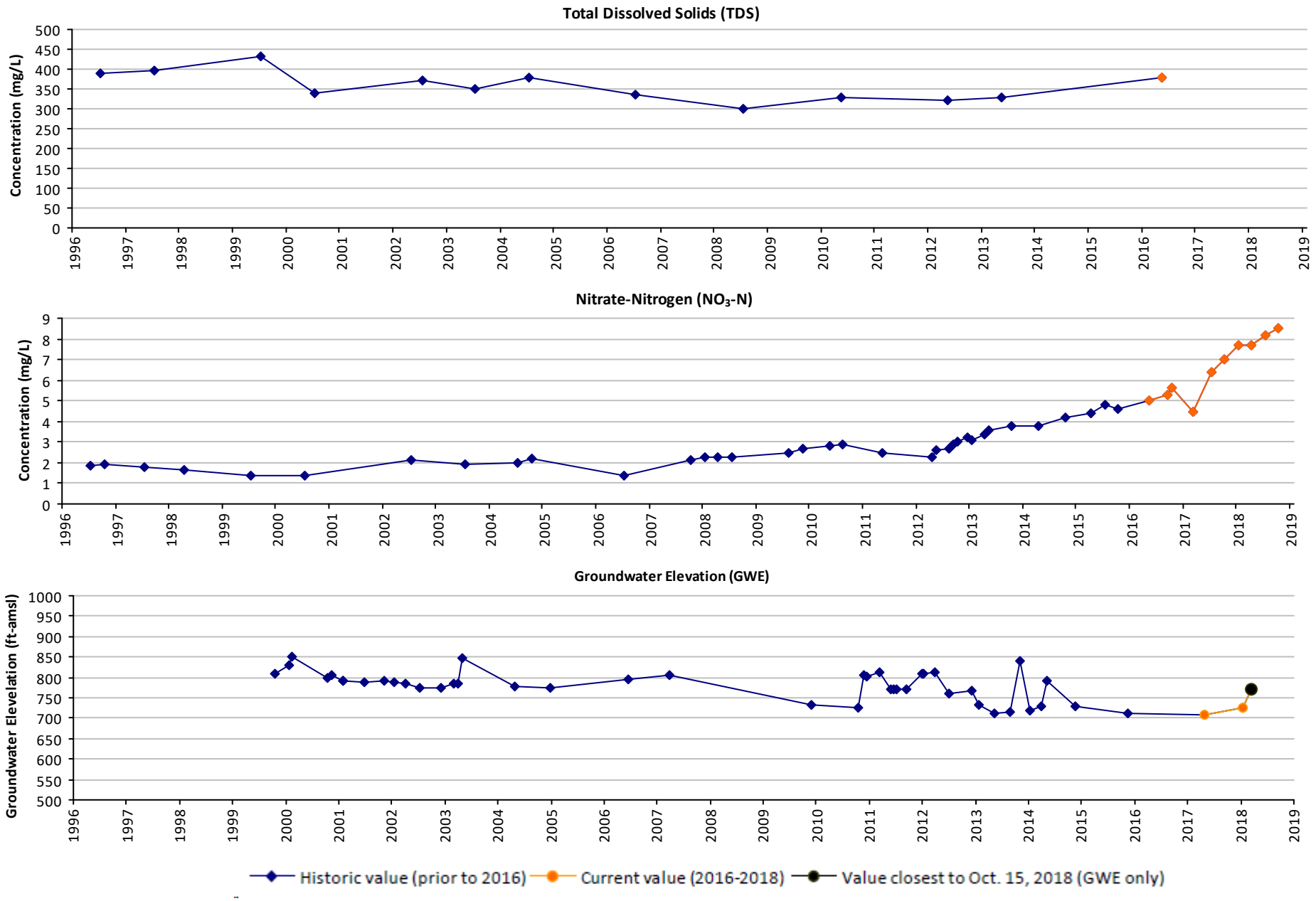

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

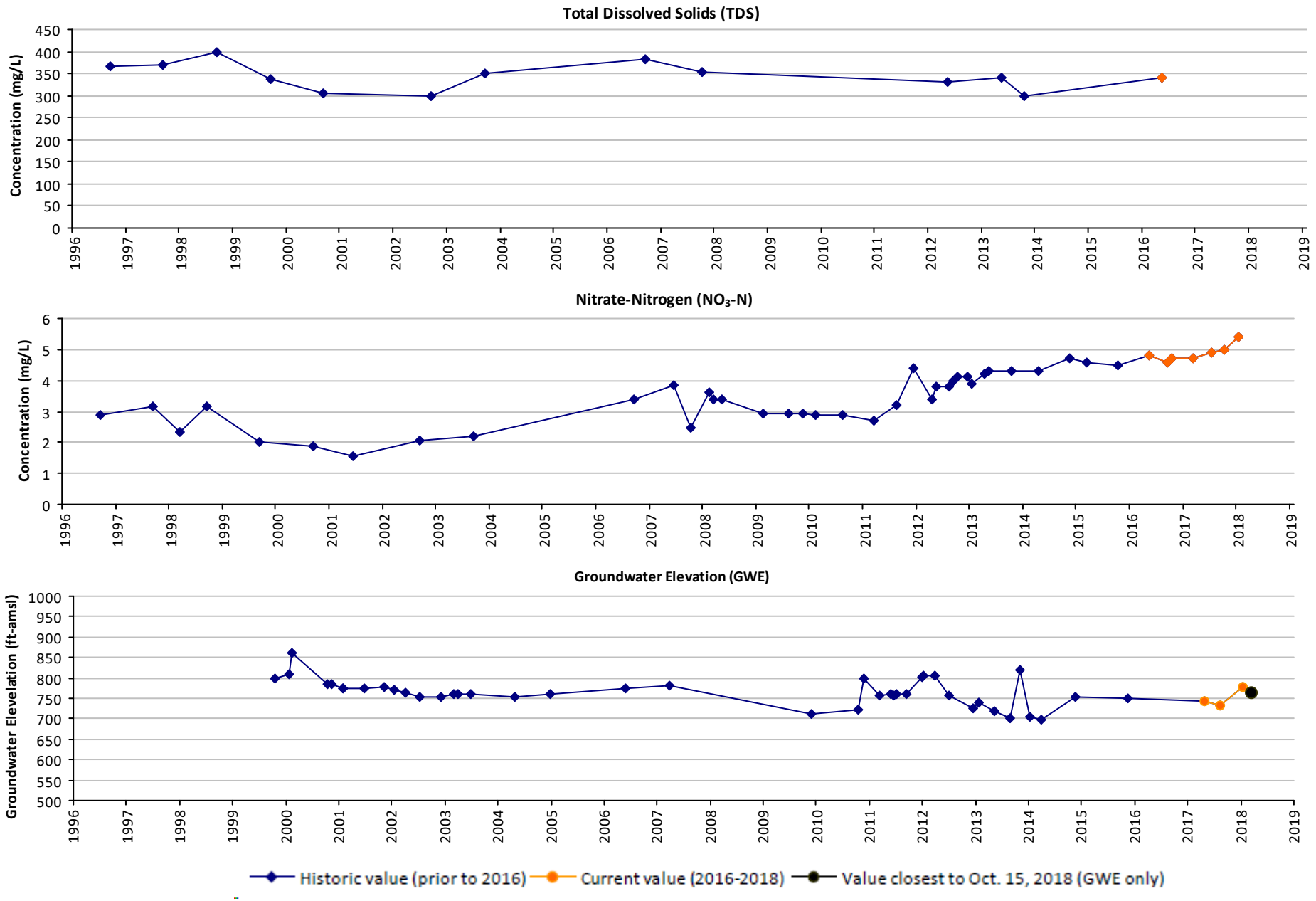

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

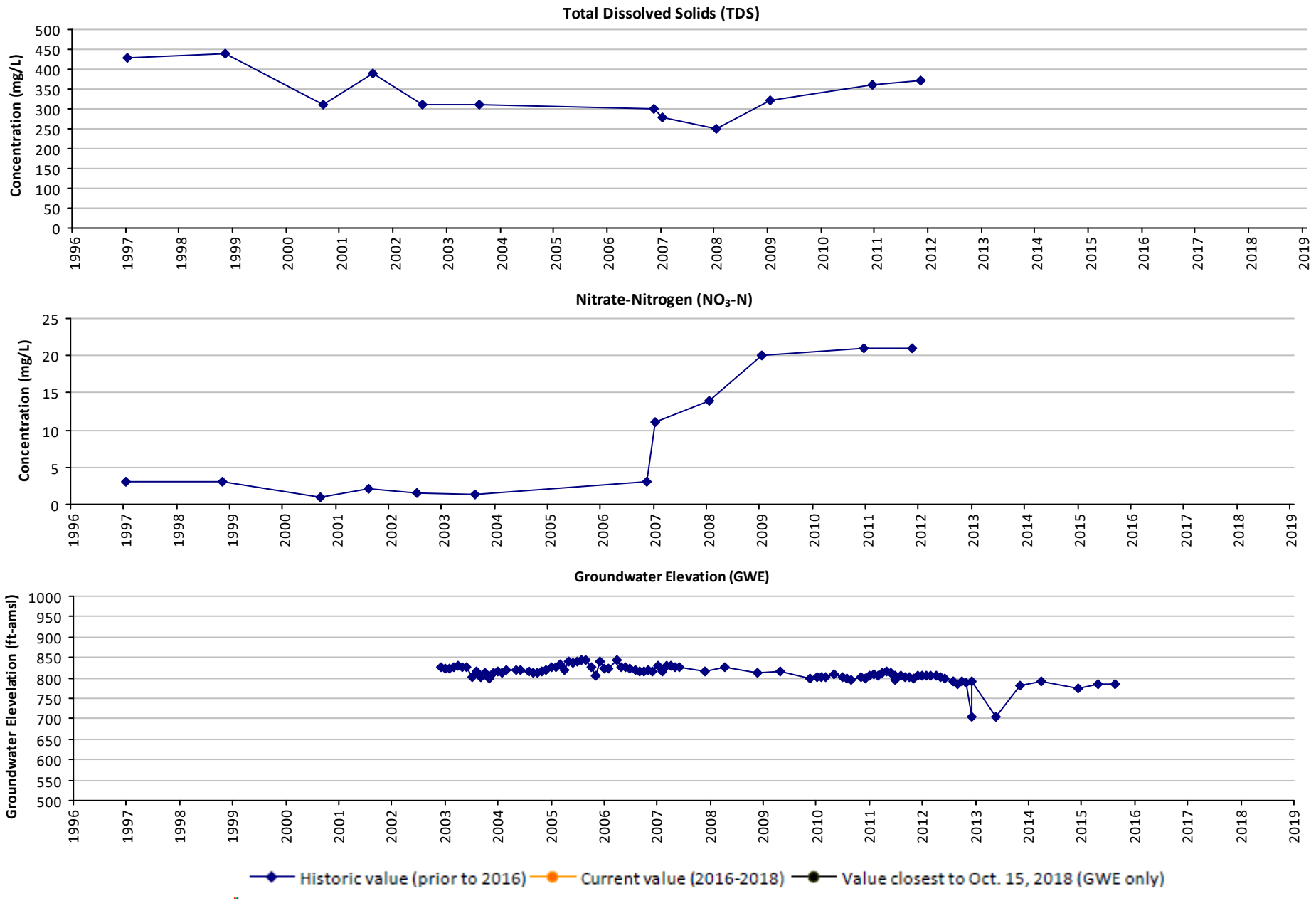

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

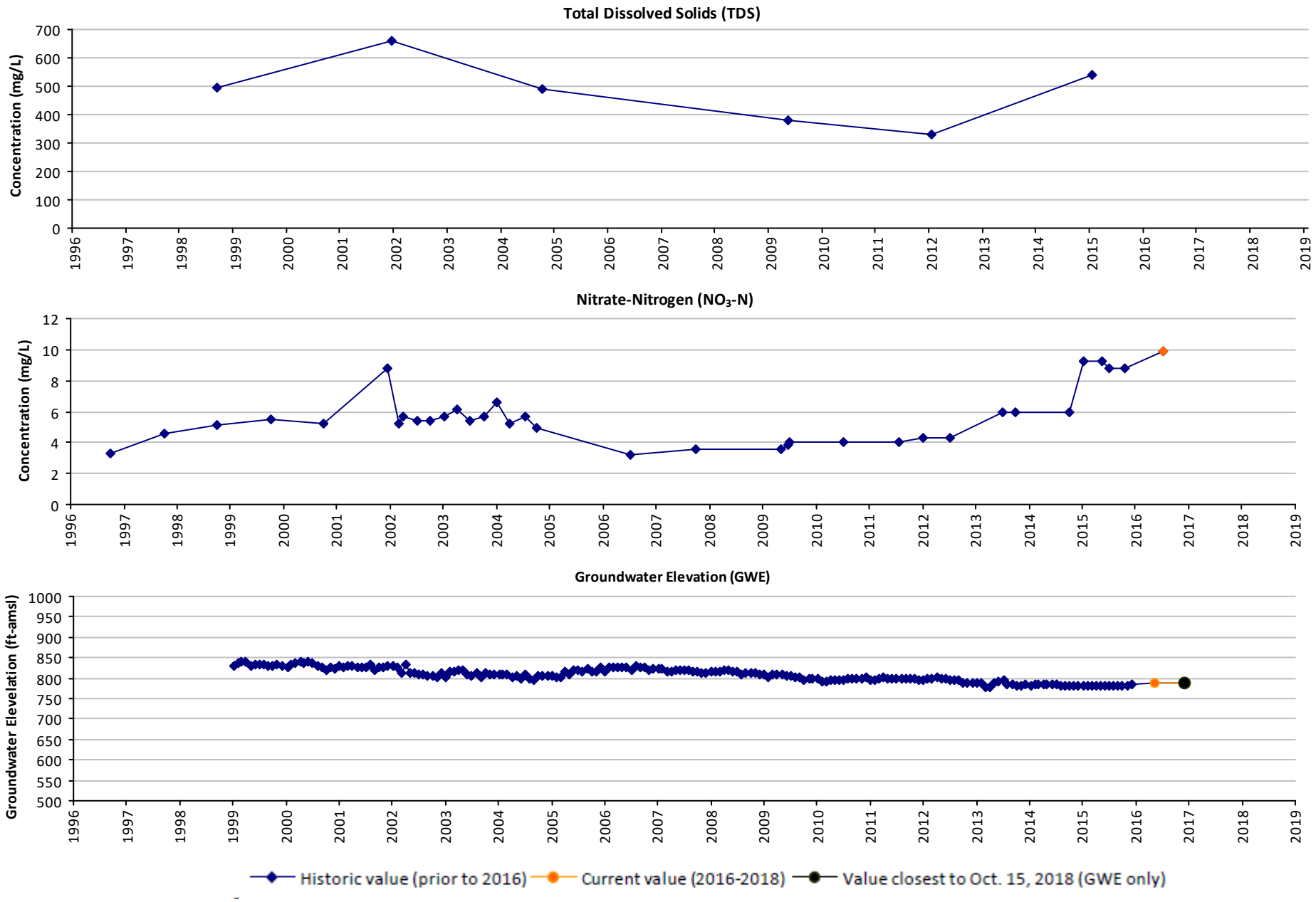

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

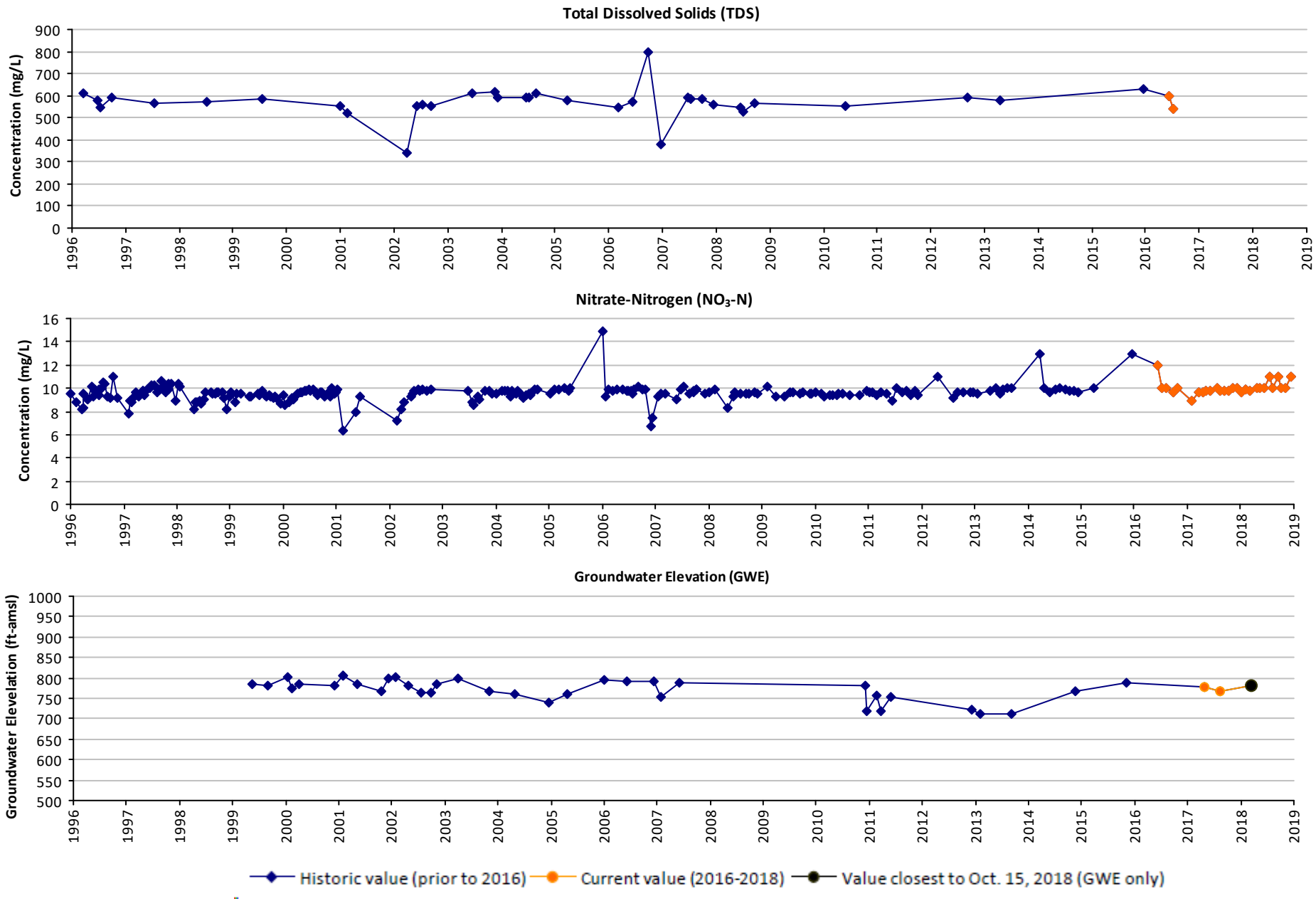

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

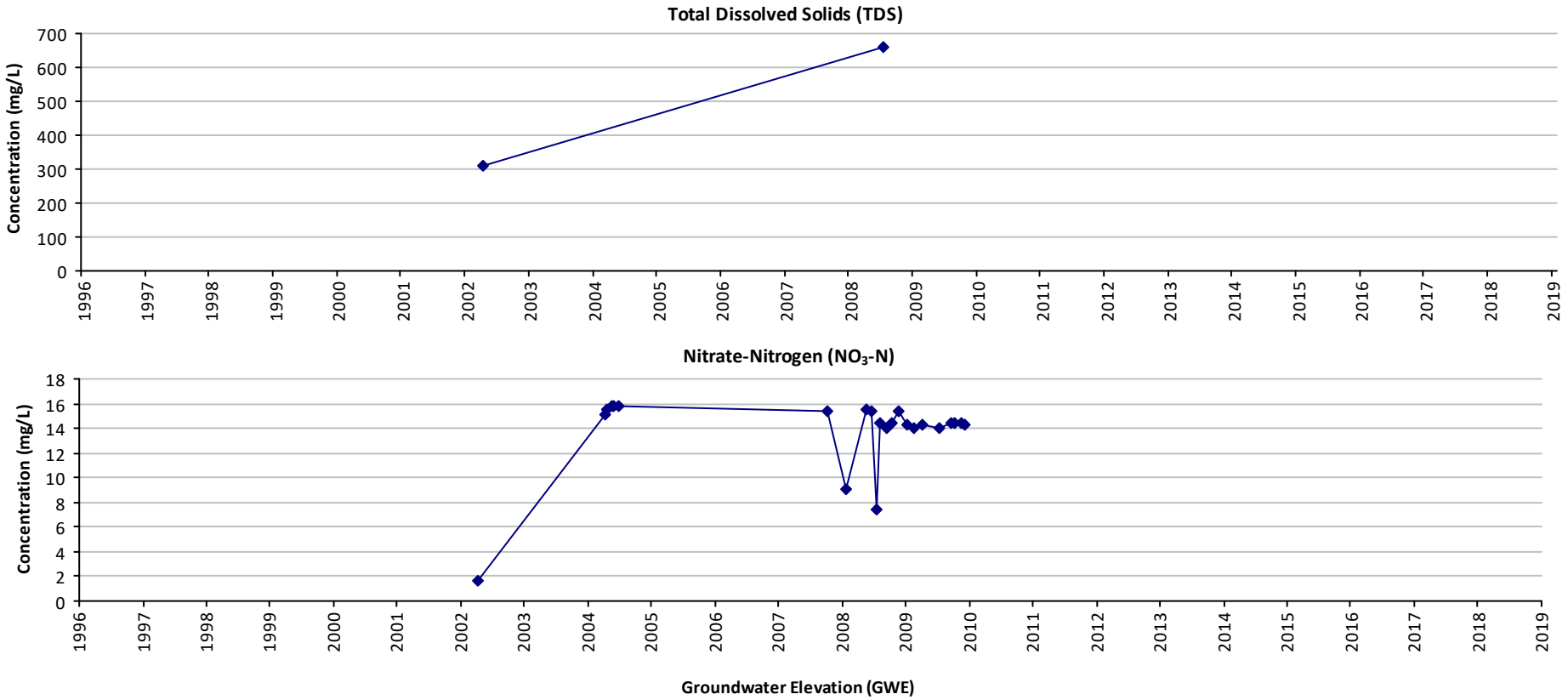

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

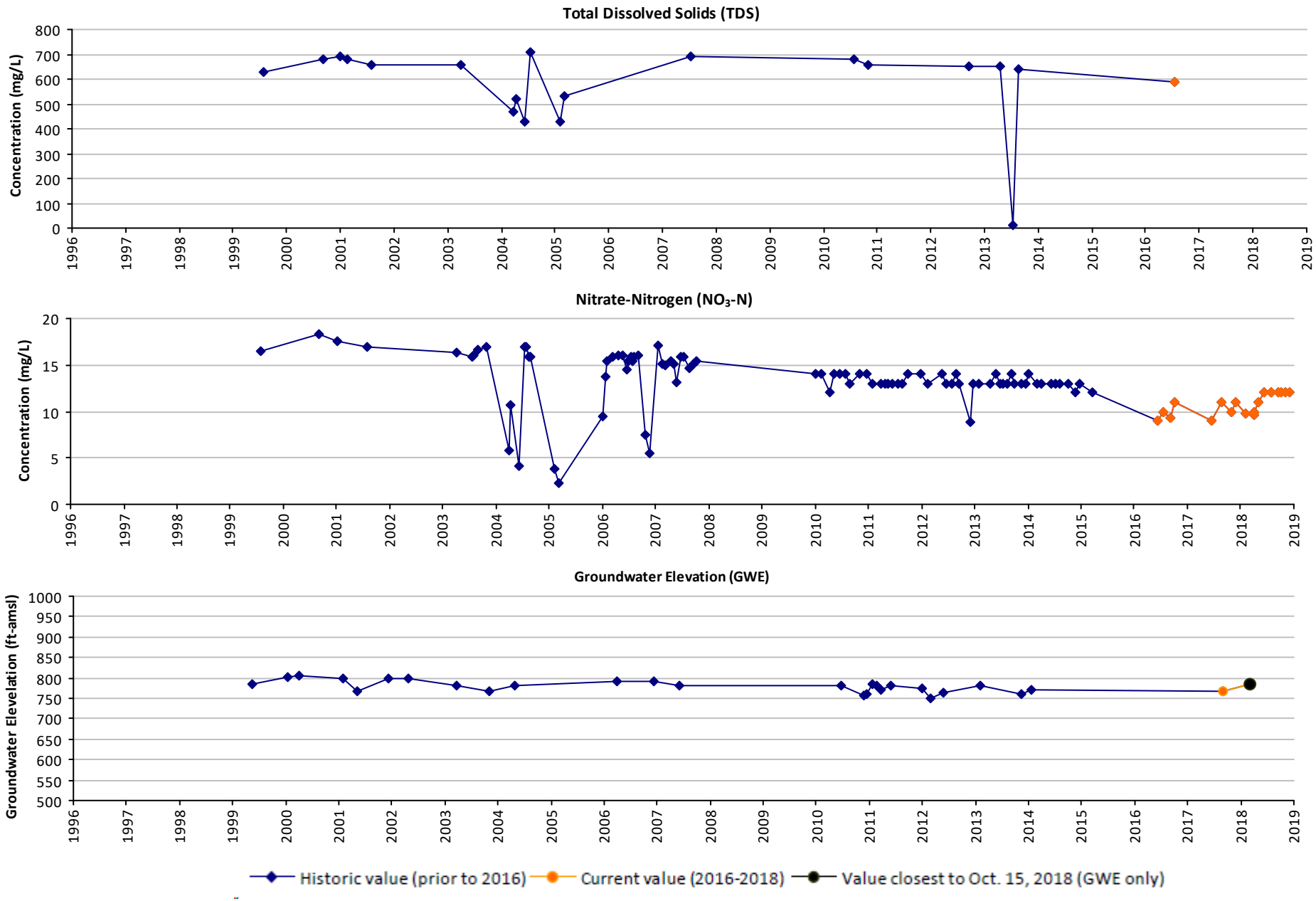

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

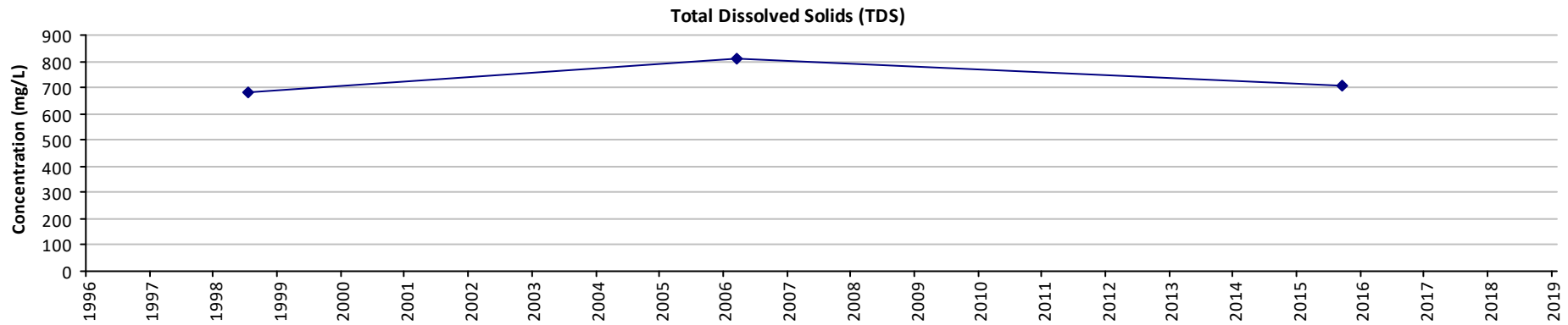

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

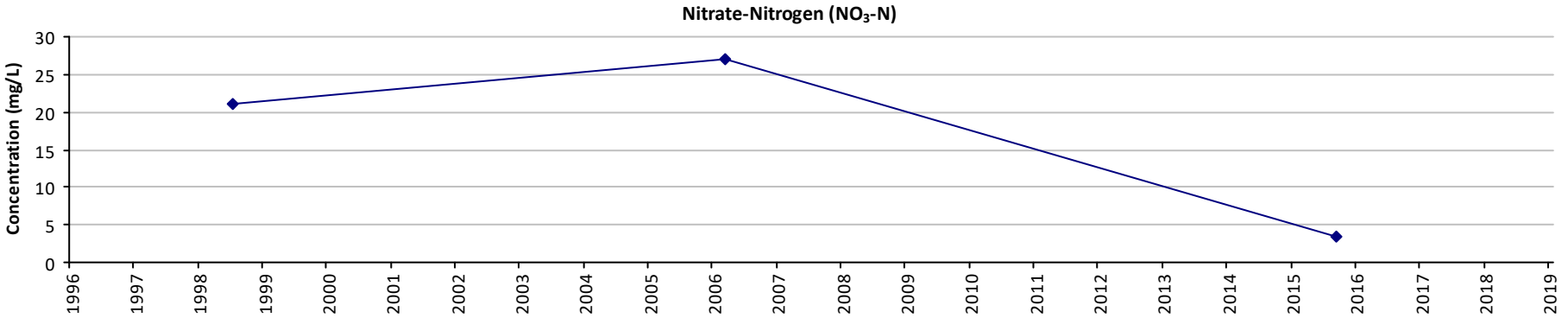

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

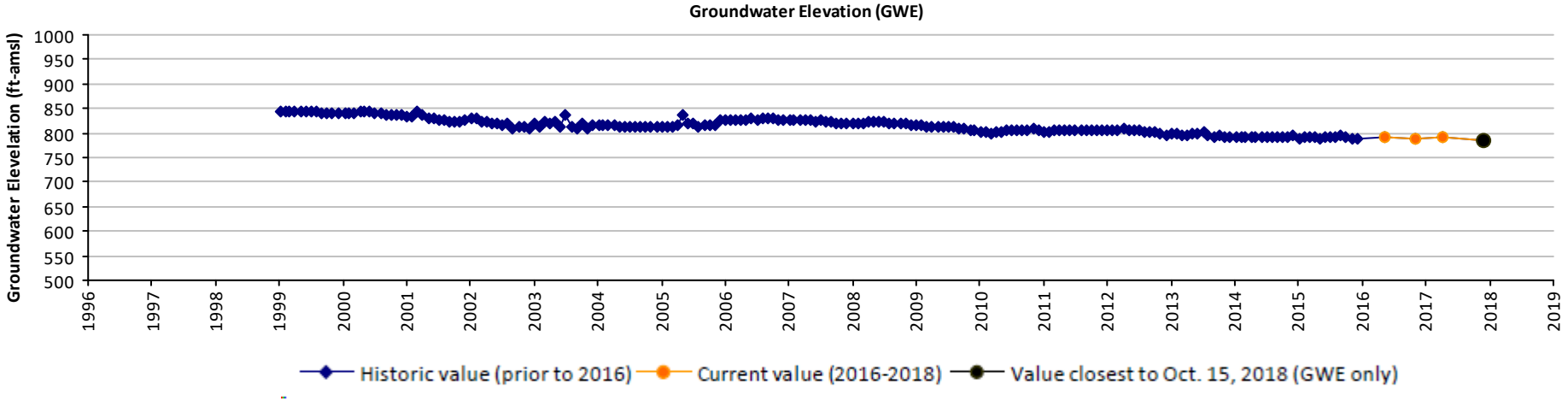

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

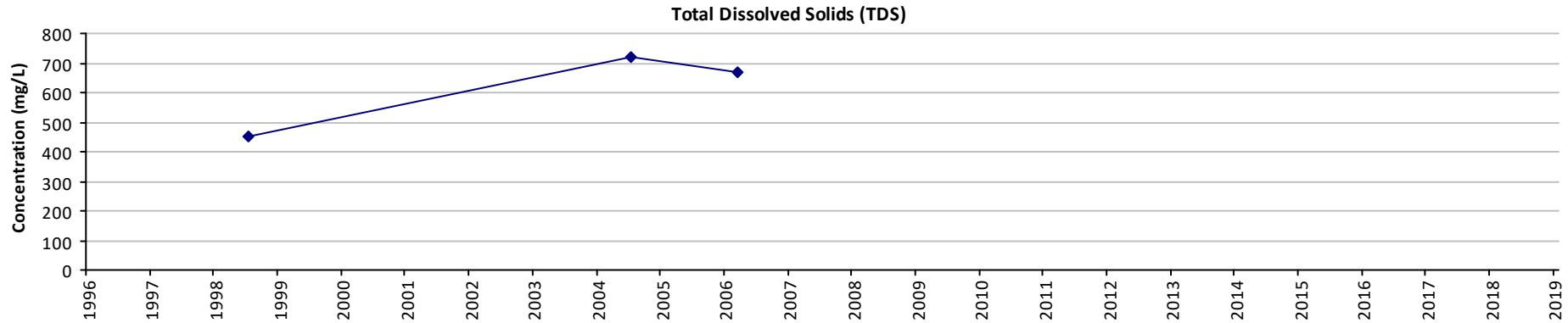

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

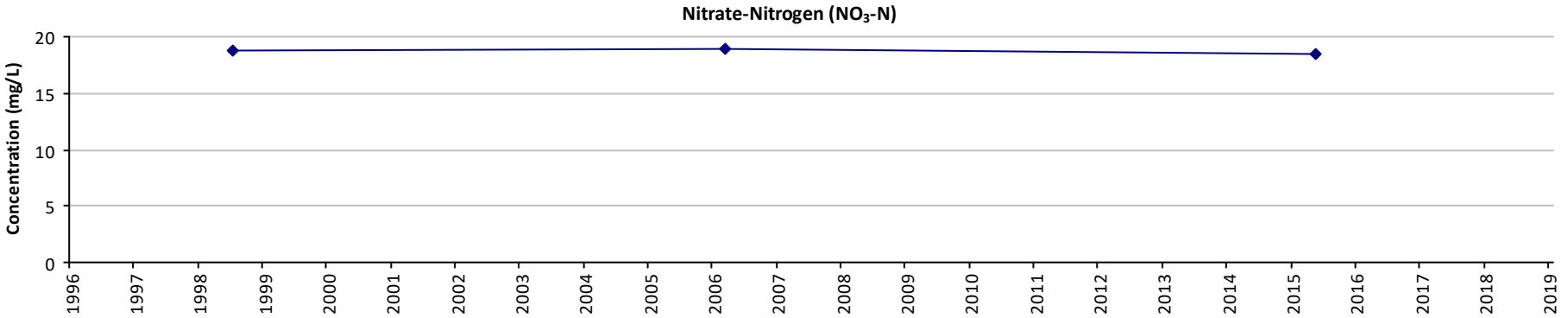

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

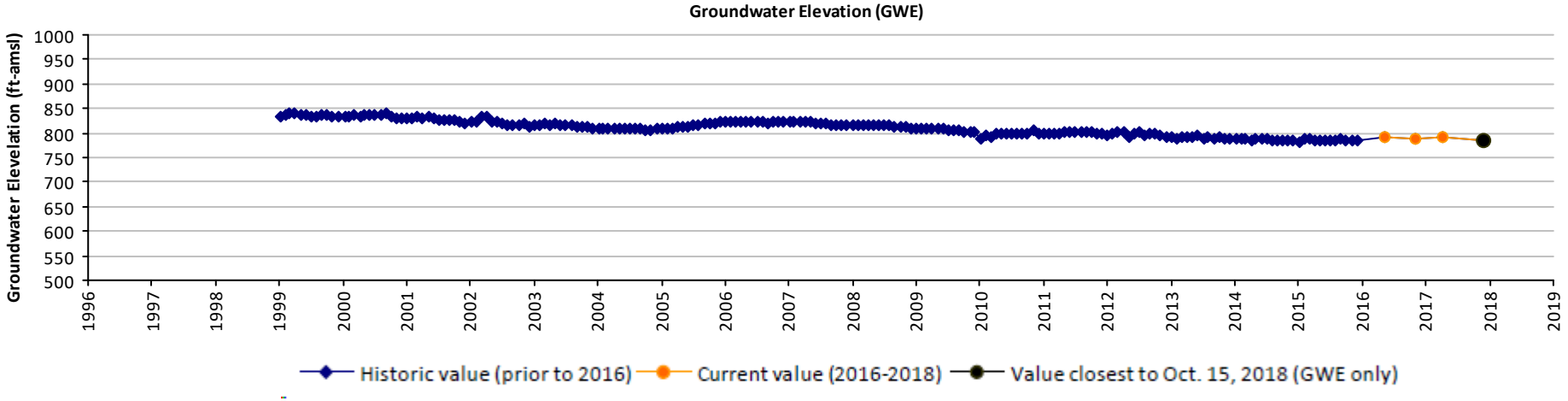

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

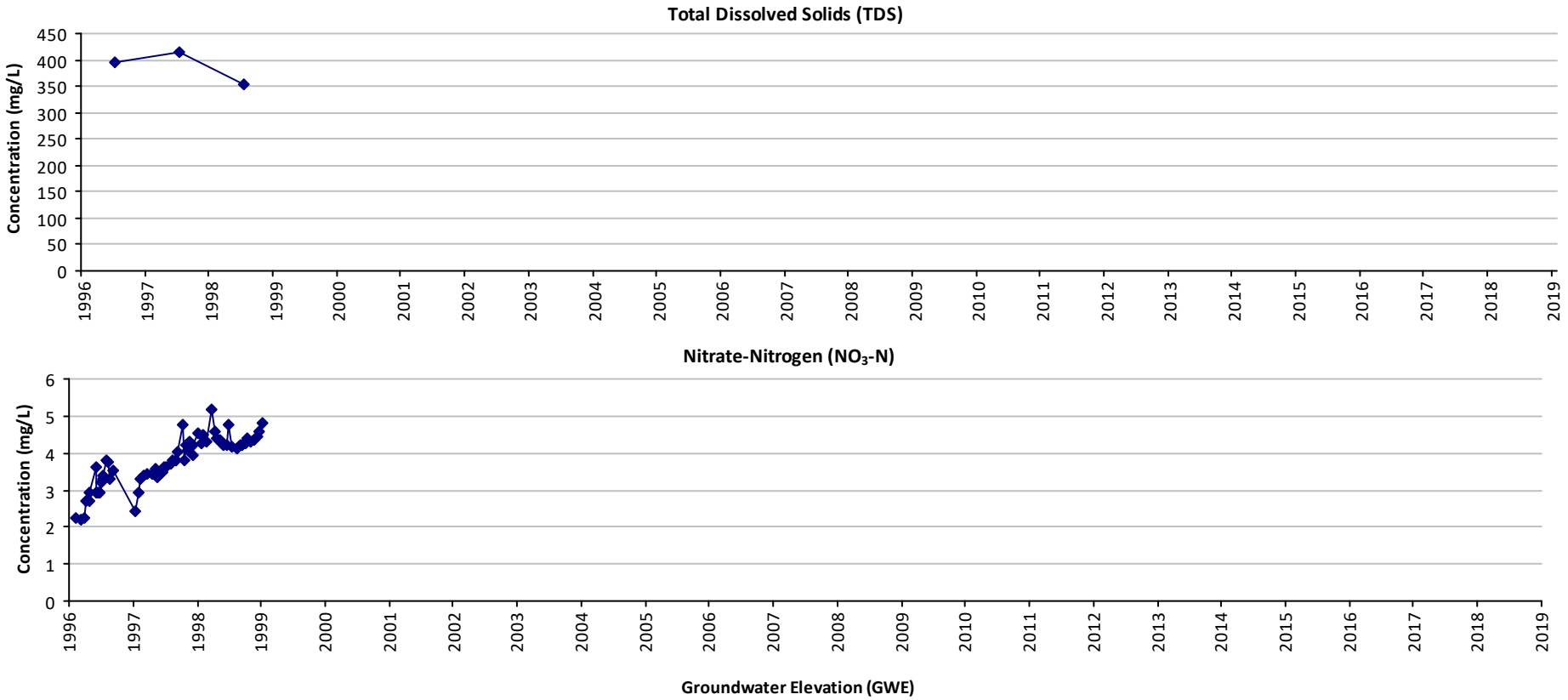

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

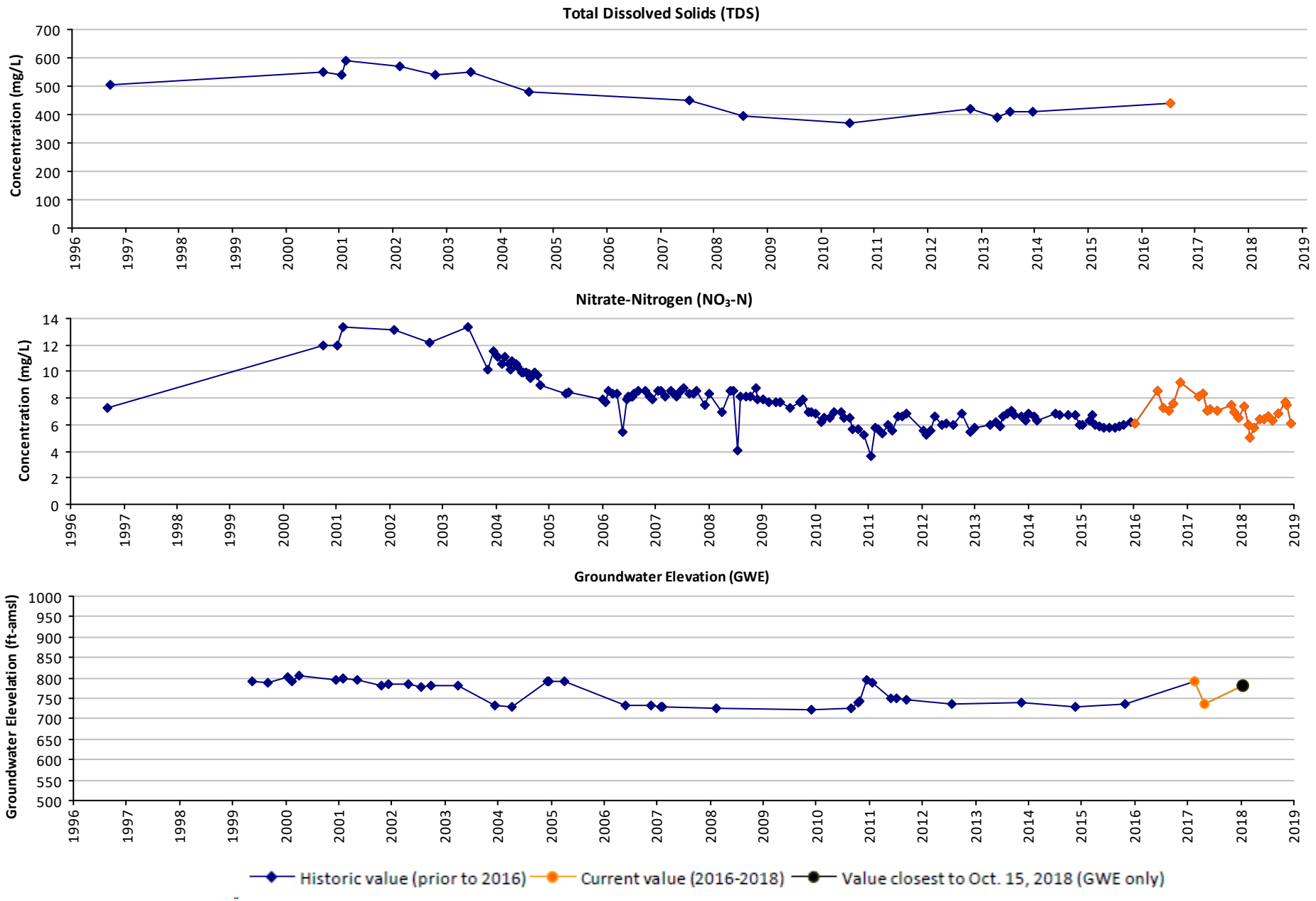

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

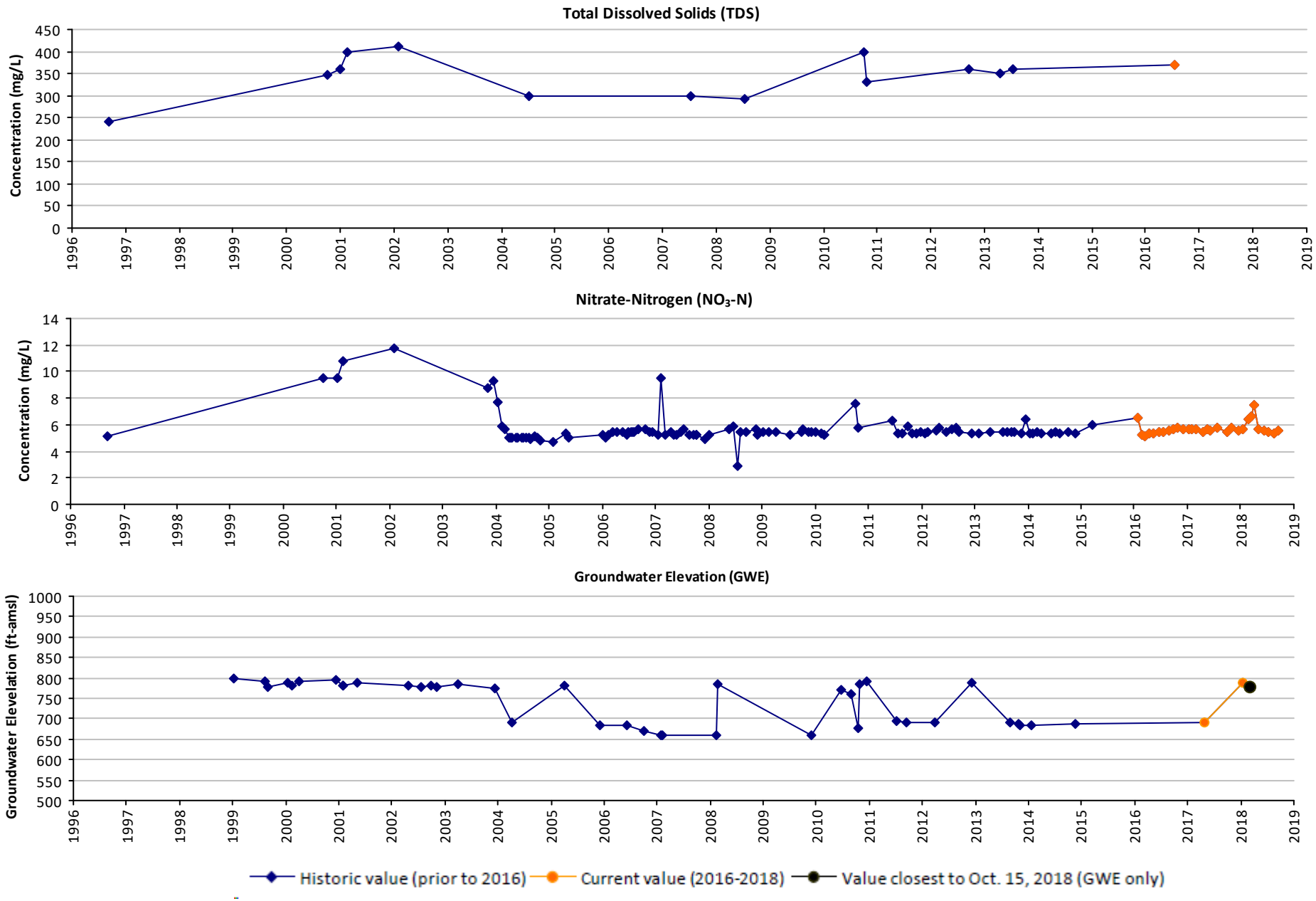

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

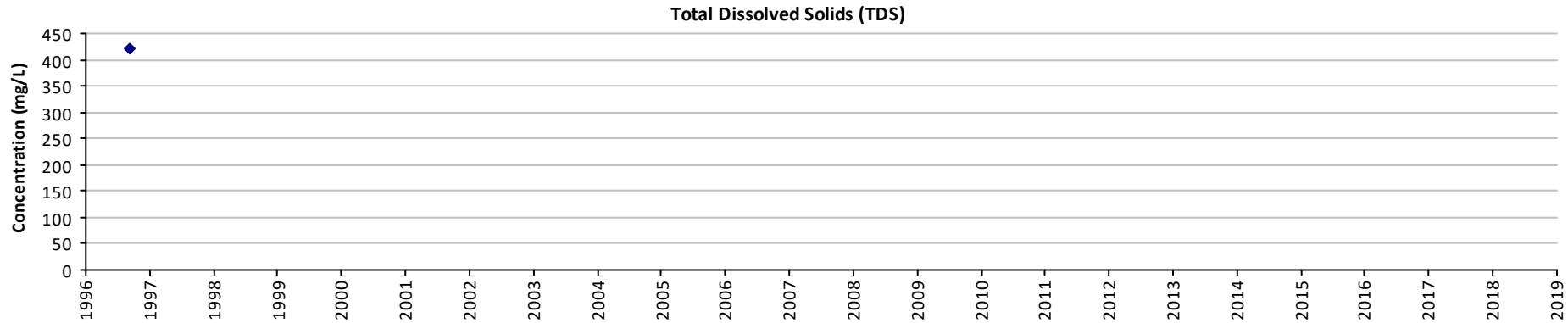

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

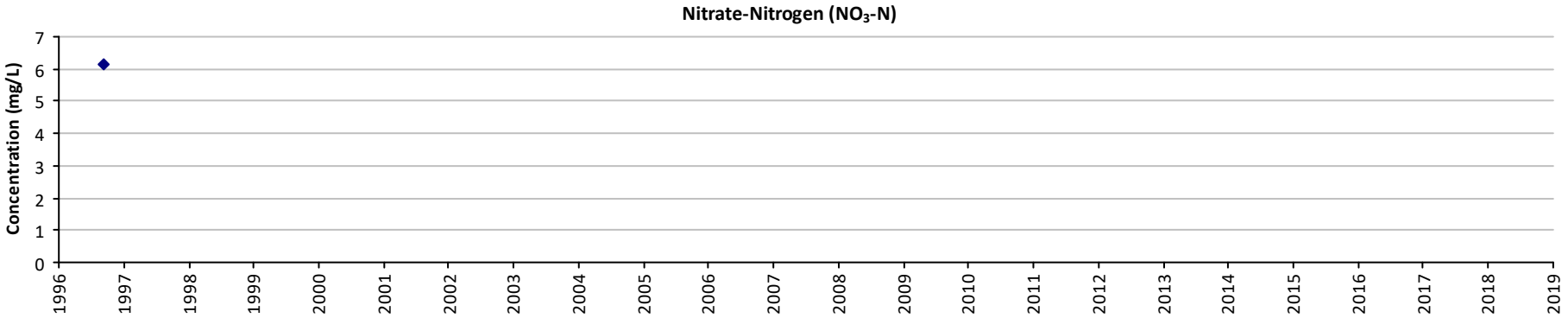

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

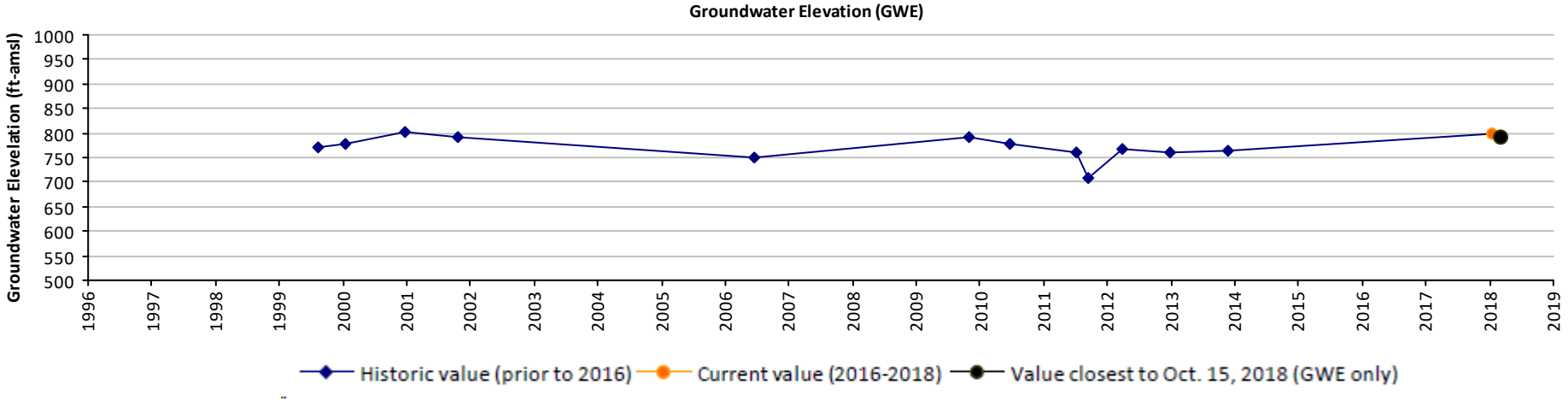

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

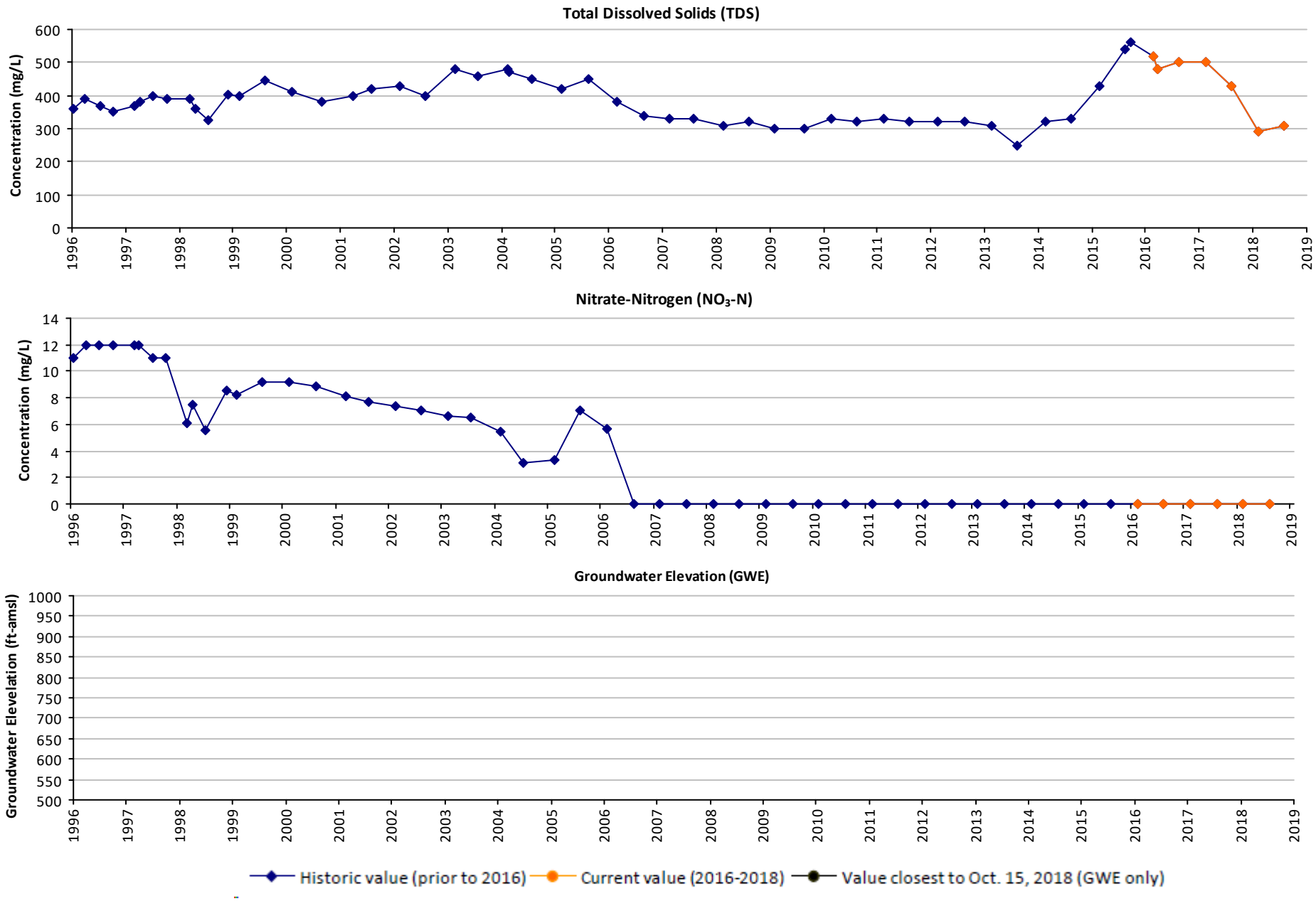

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

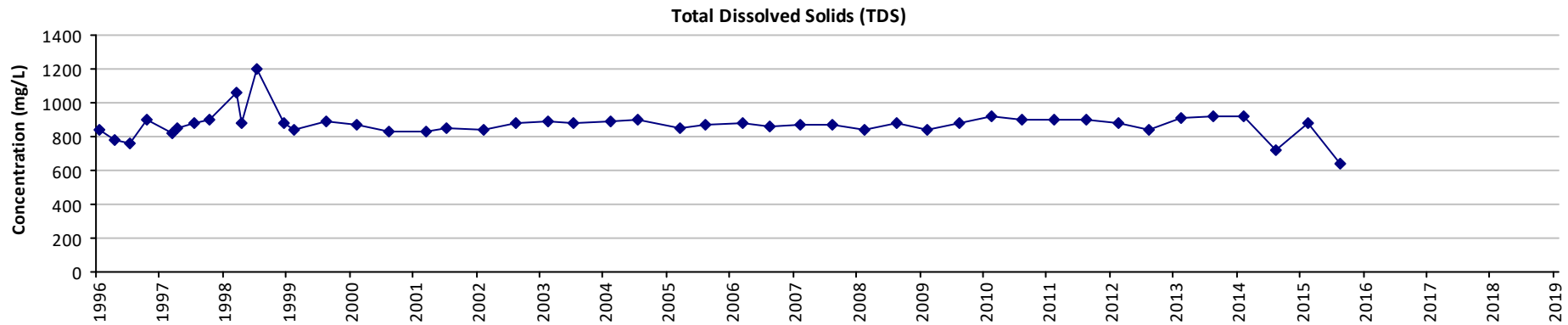

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

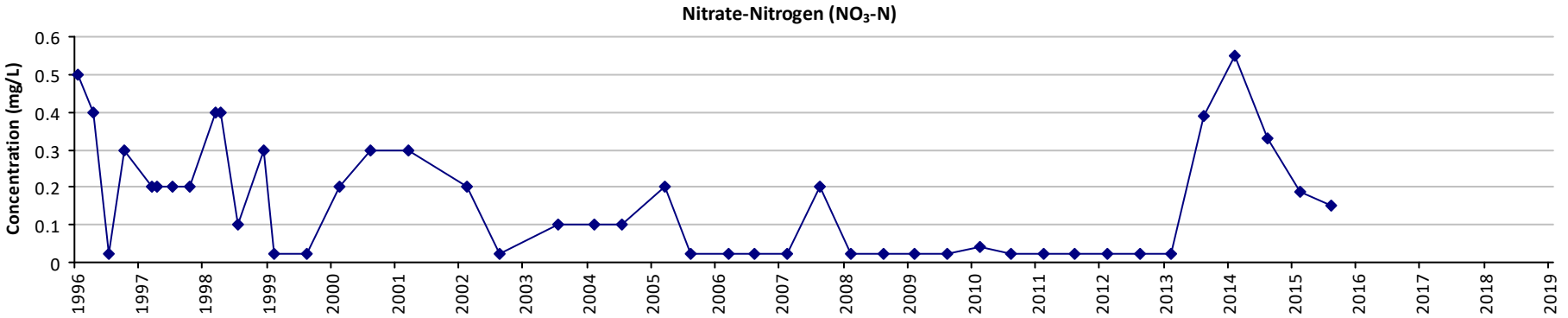

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

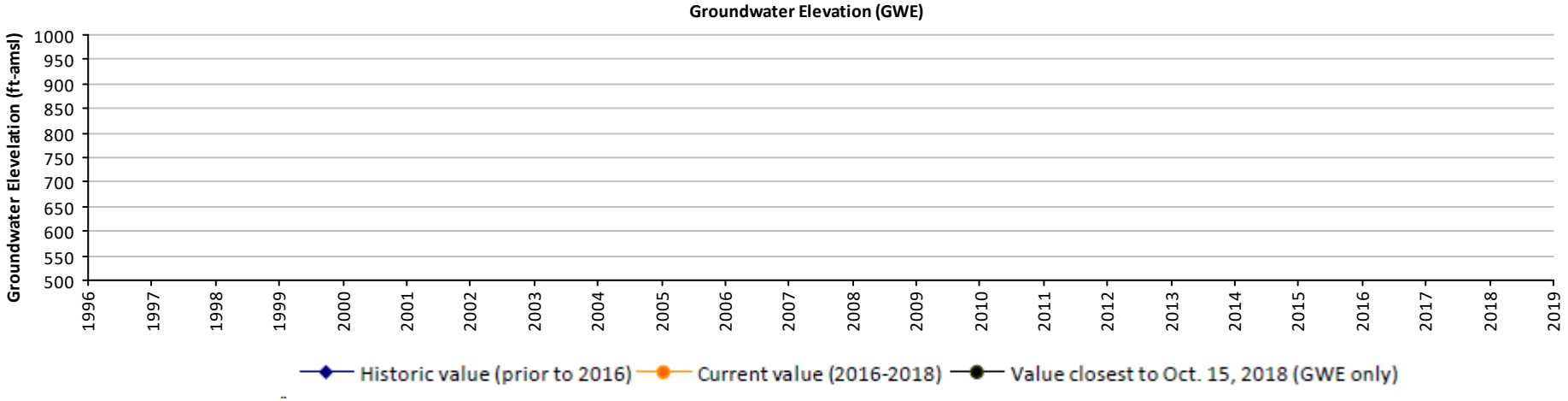

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

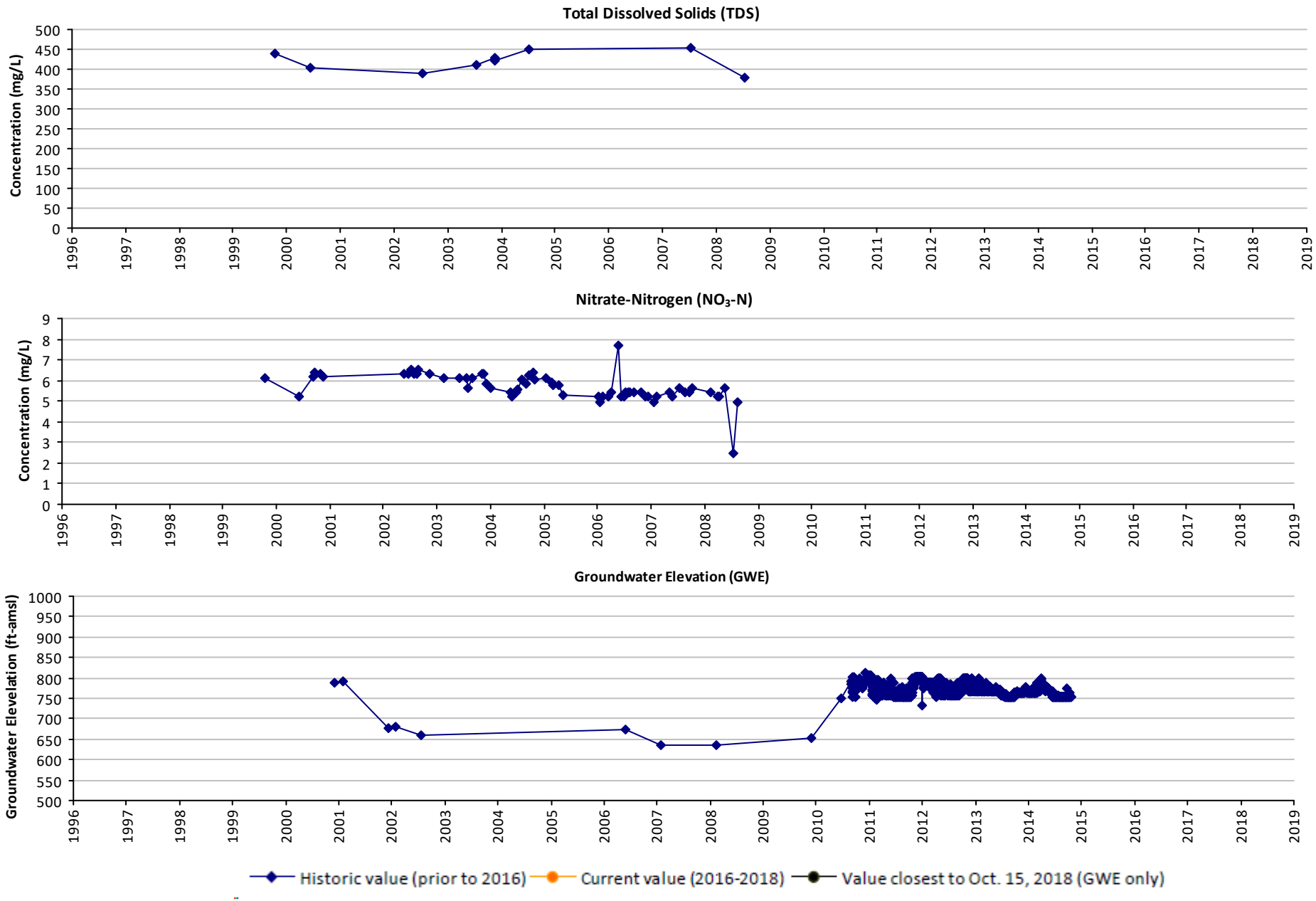

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

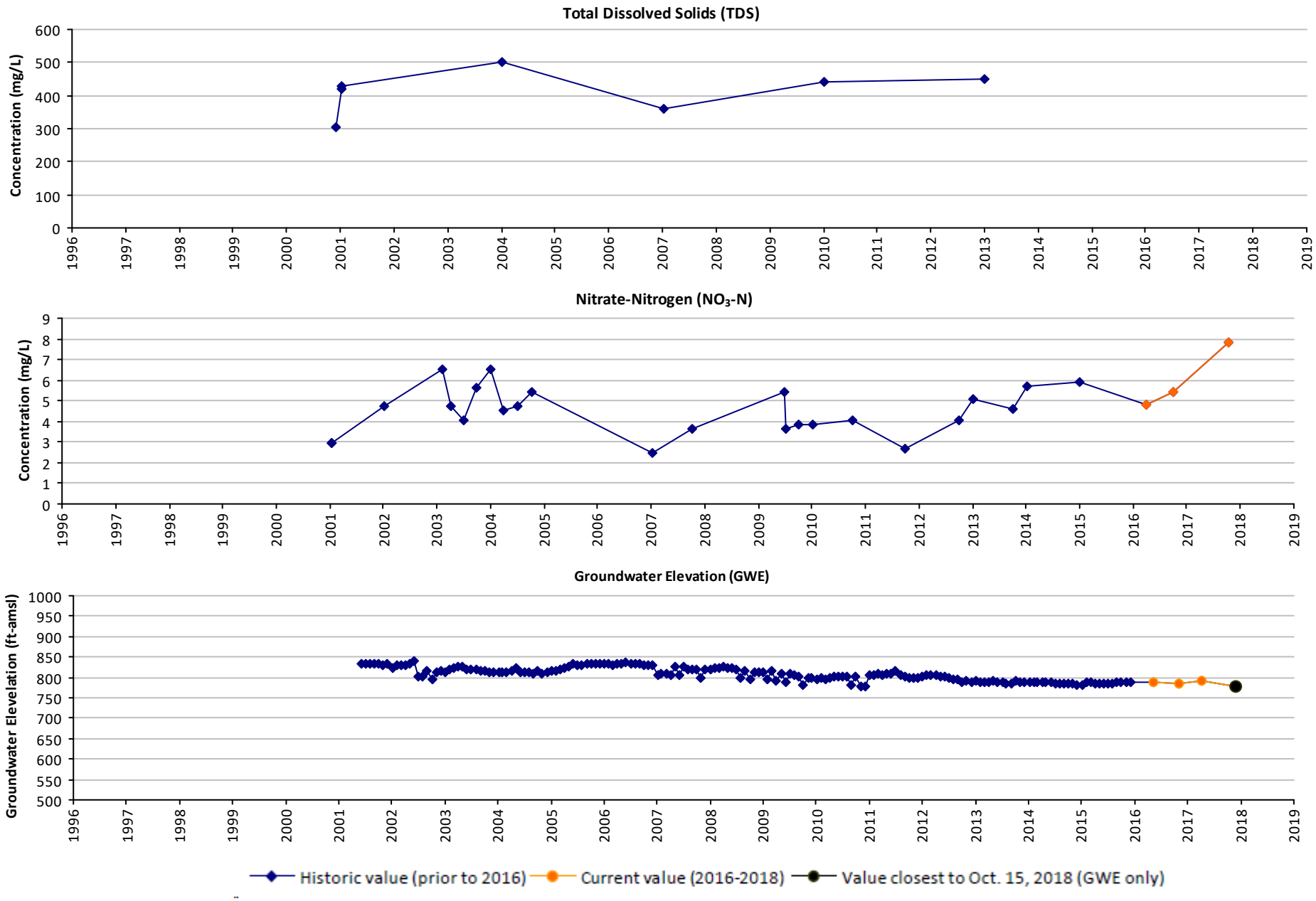

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

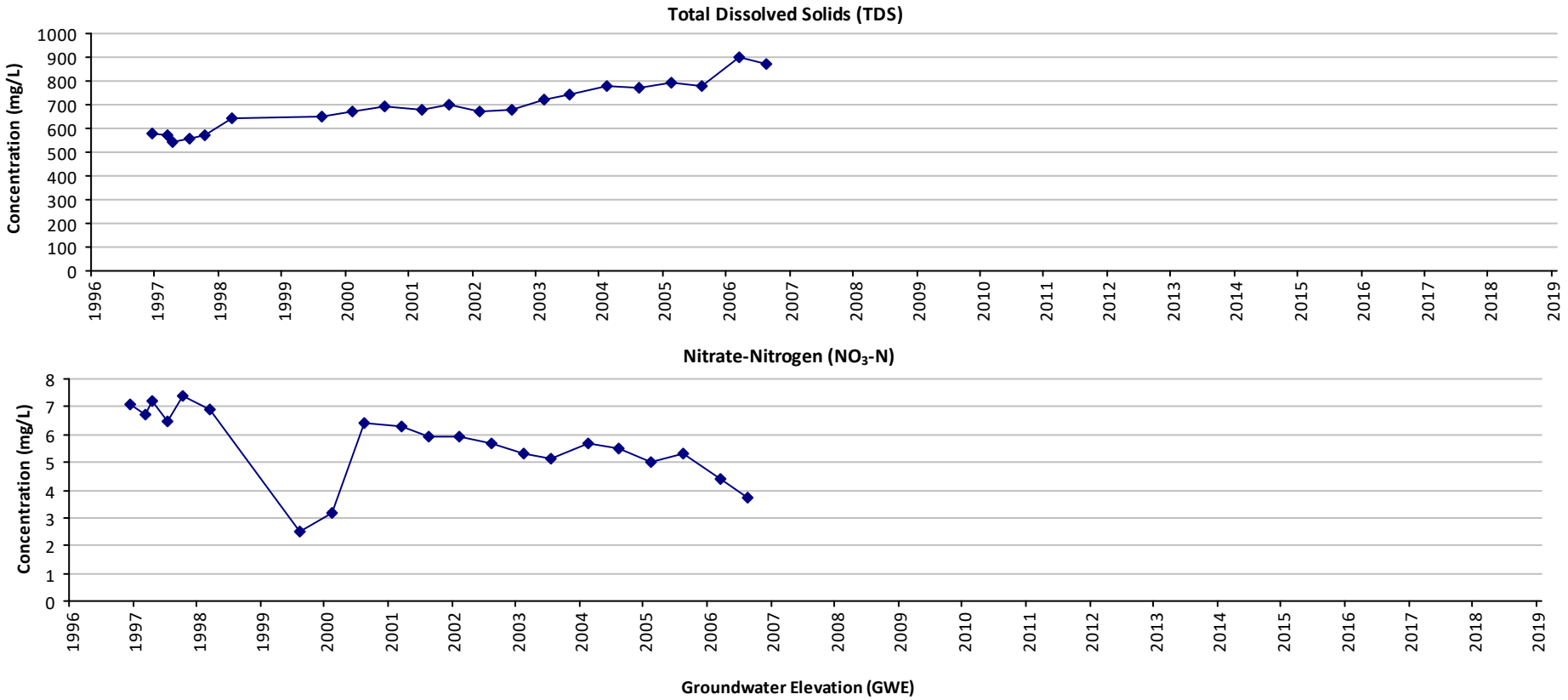

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

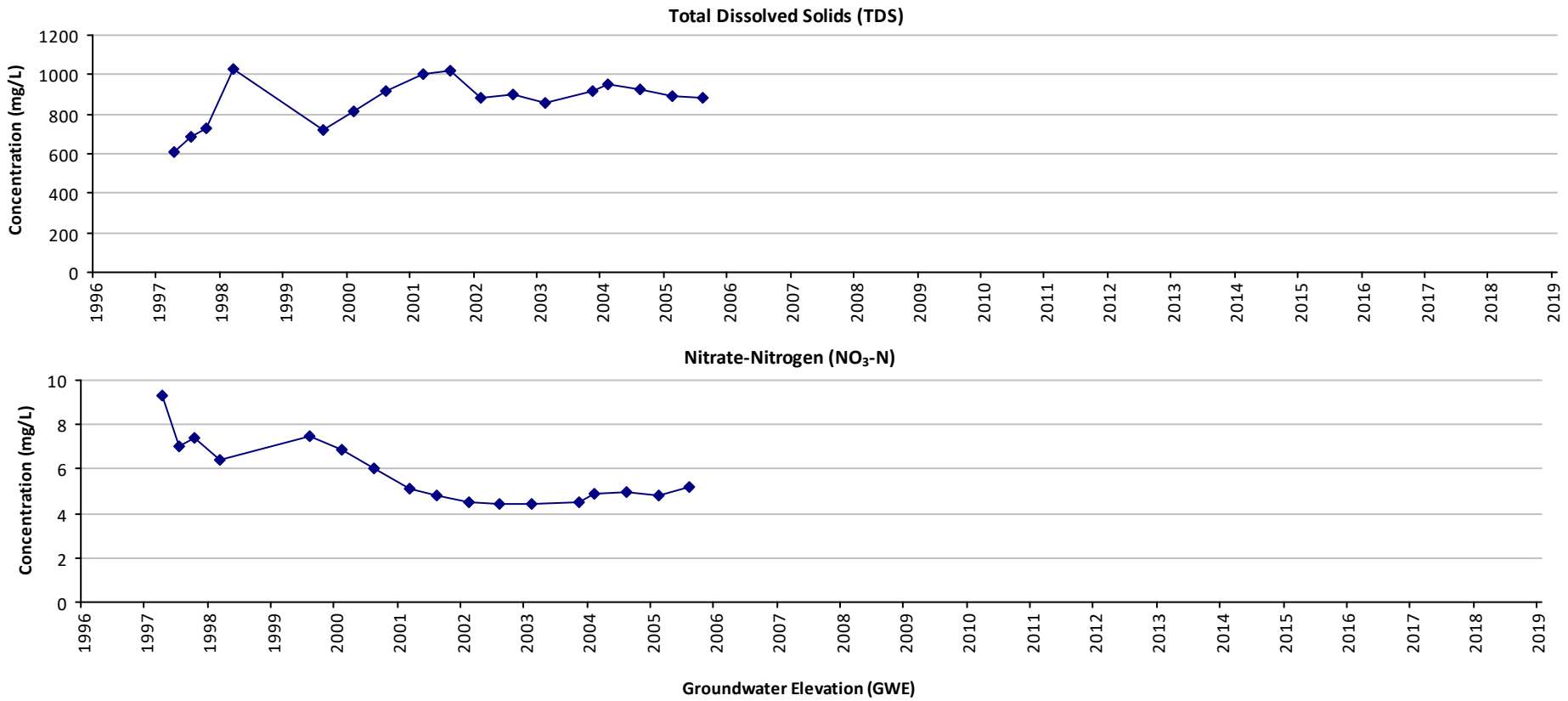

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

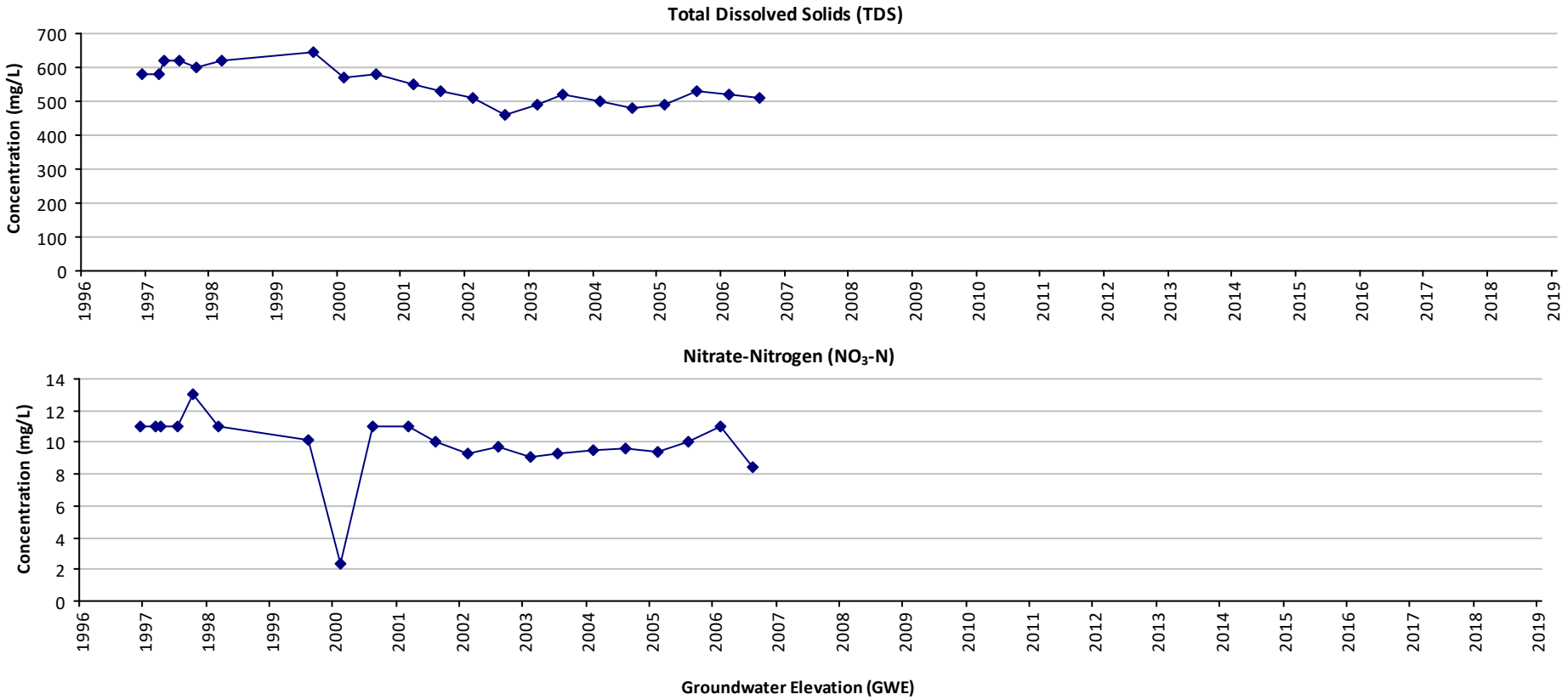

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

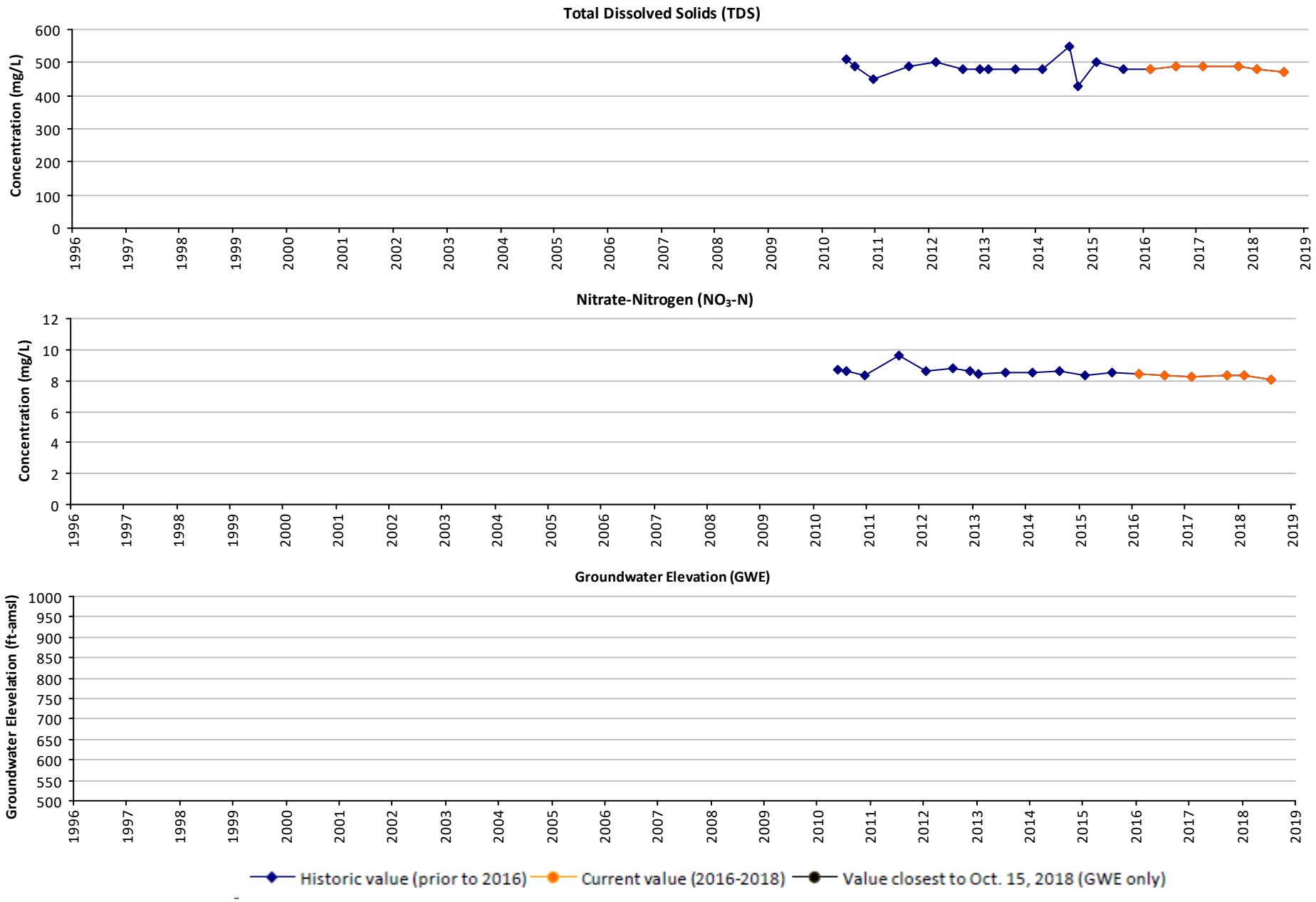


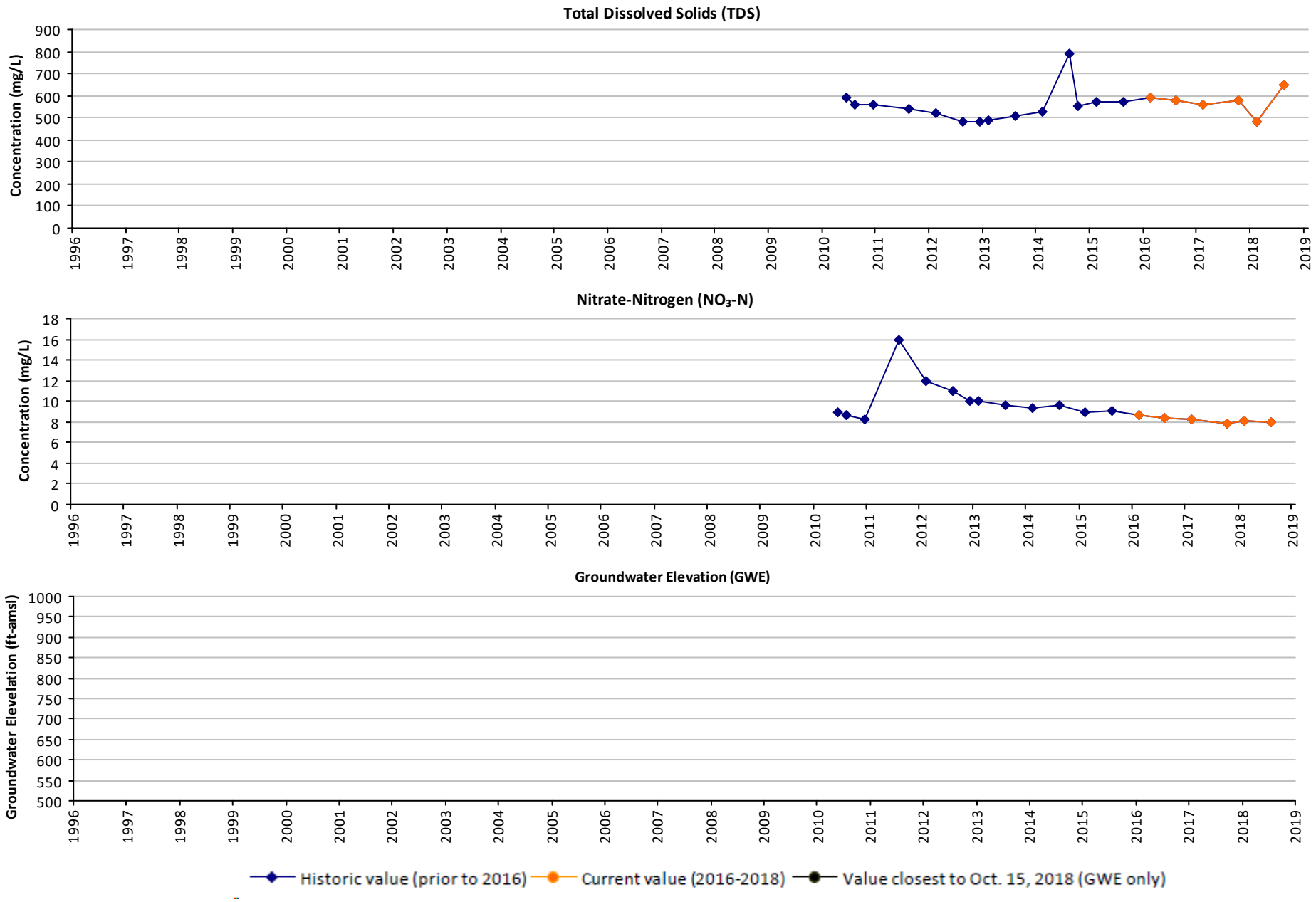
Groundwater Elevation (GWE)

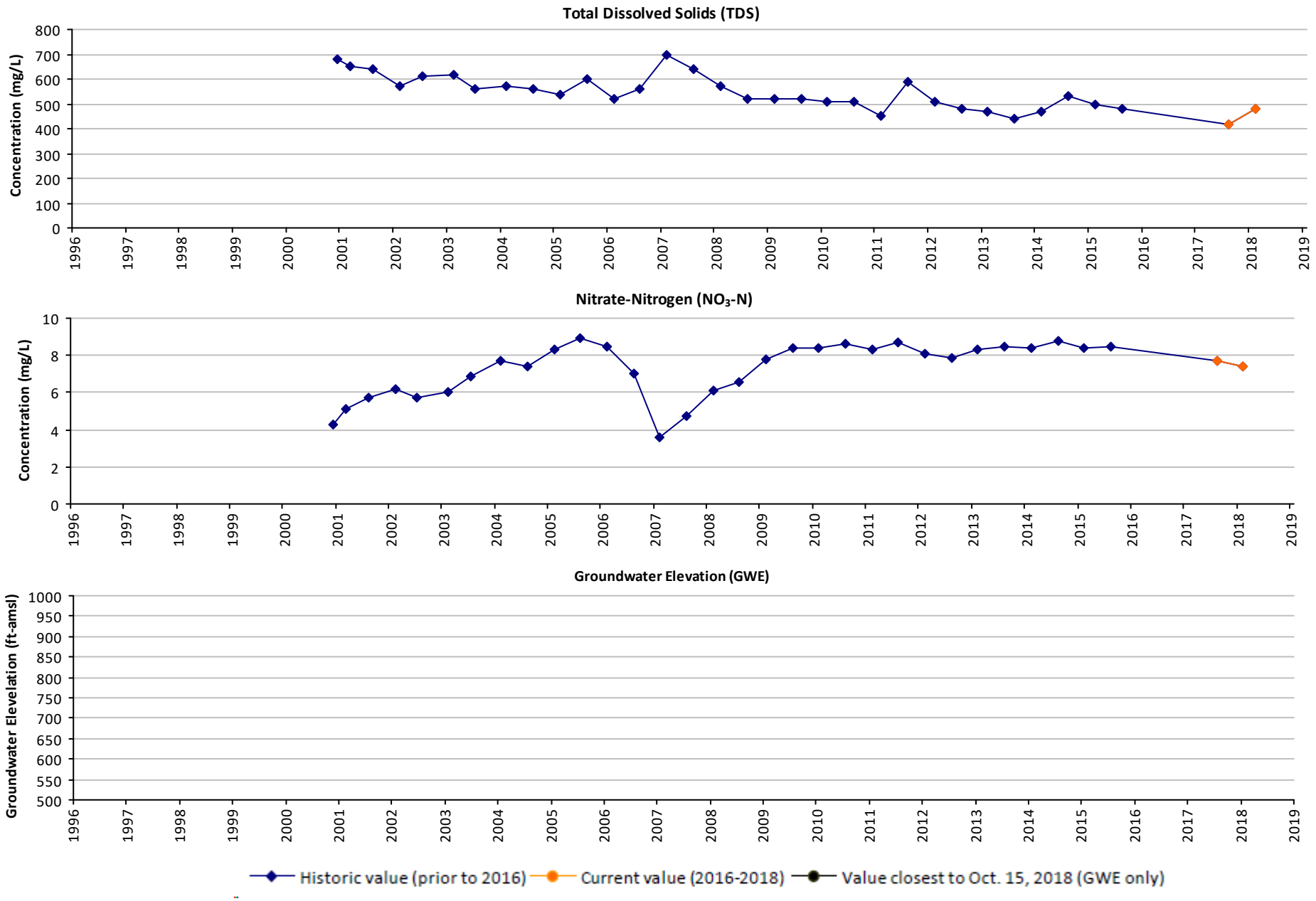
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

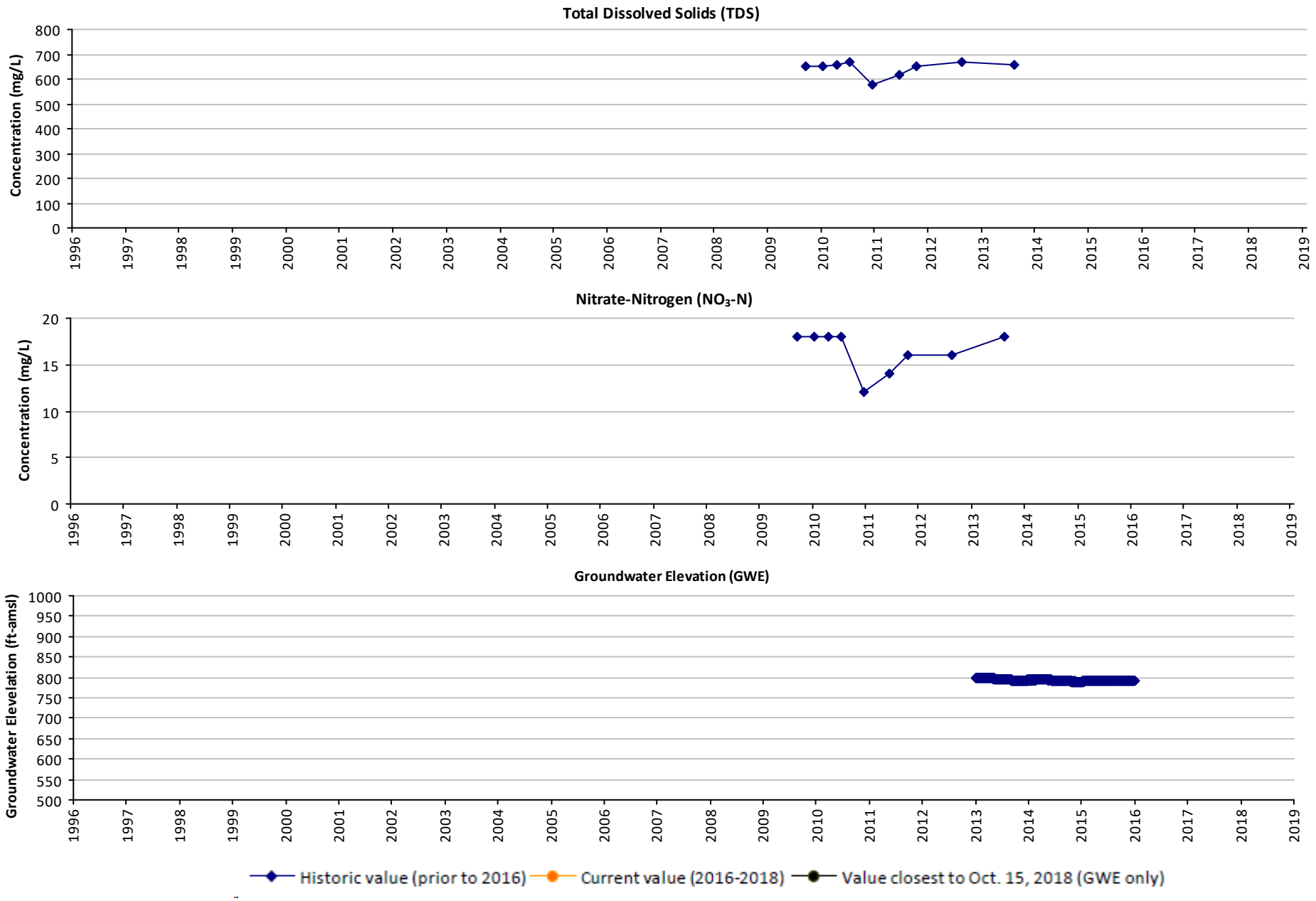

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

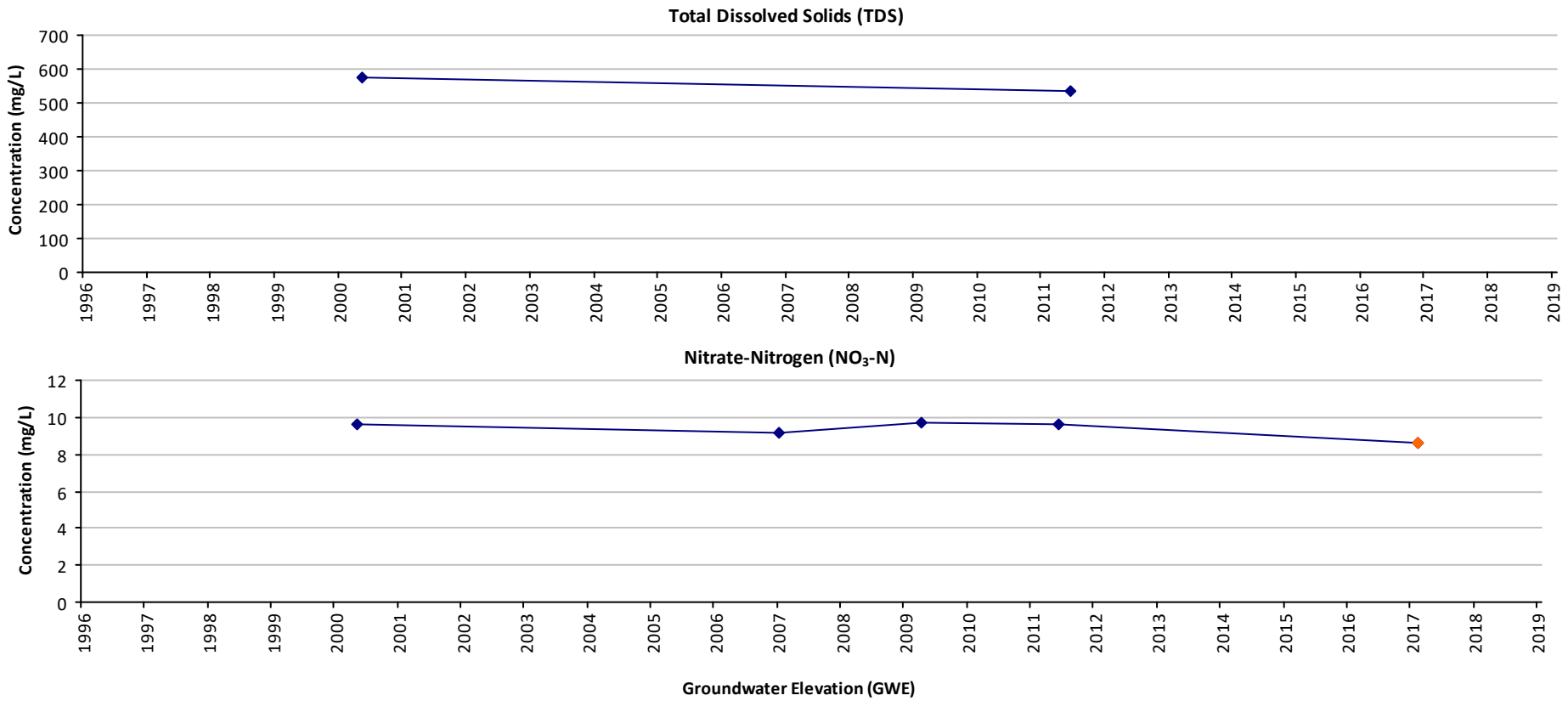

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

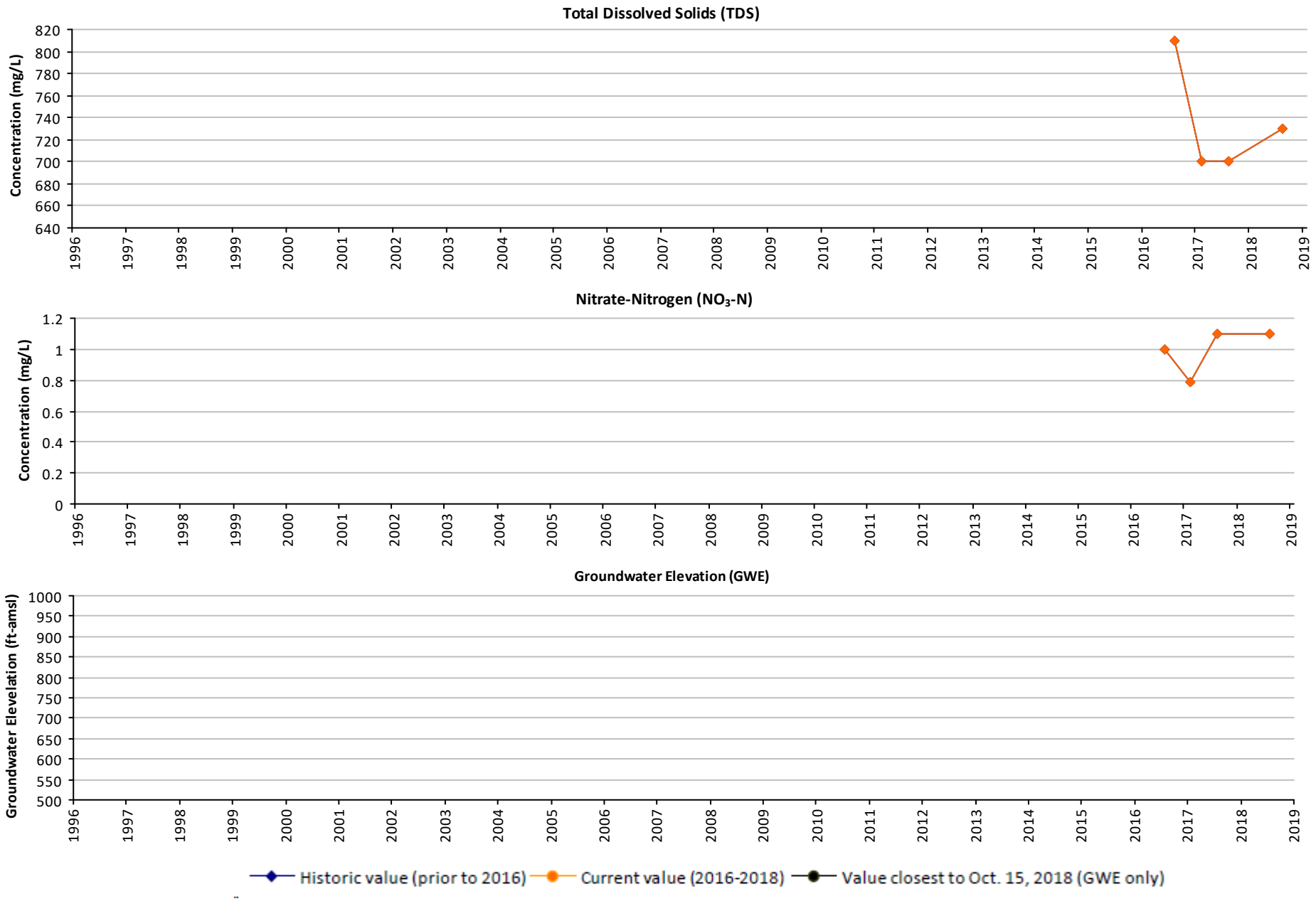

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
550
600
650
700
750
800
850
900
950
1000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

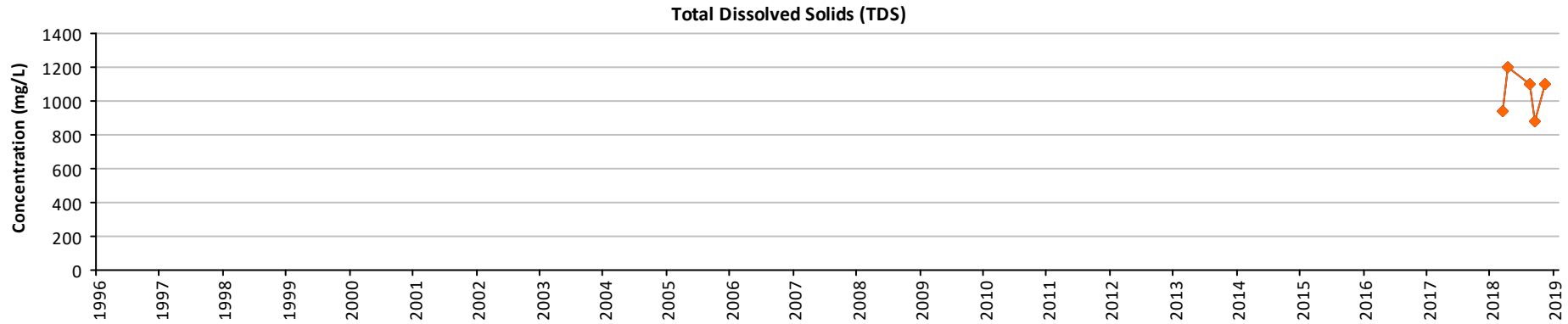

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

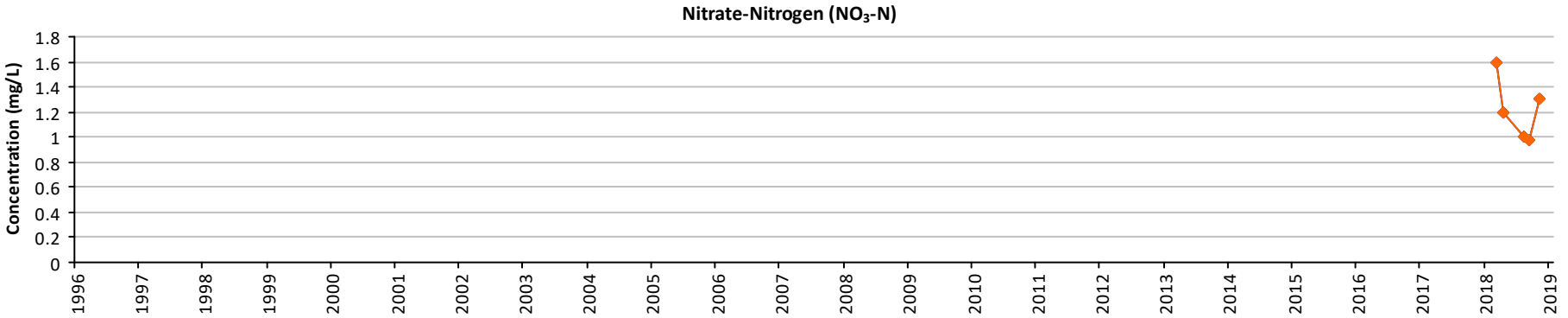

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

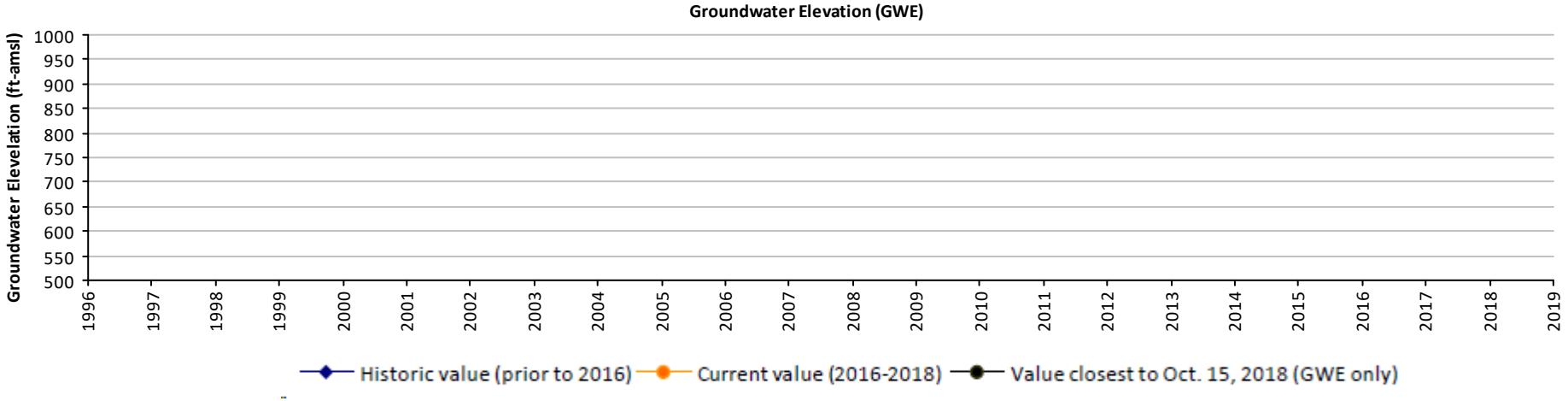

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
820
800
780
760
740
720
700
680
660
640
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

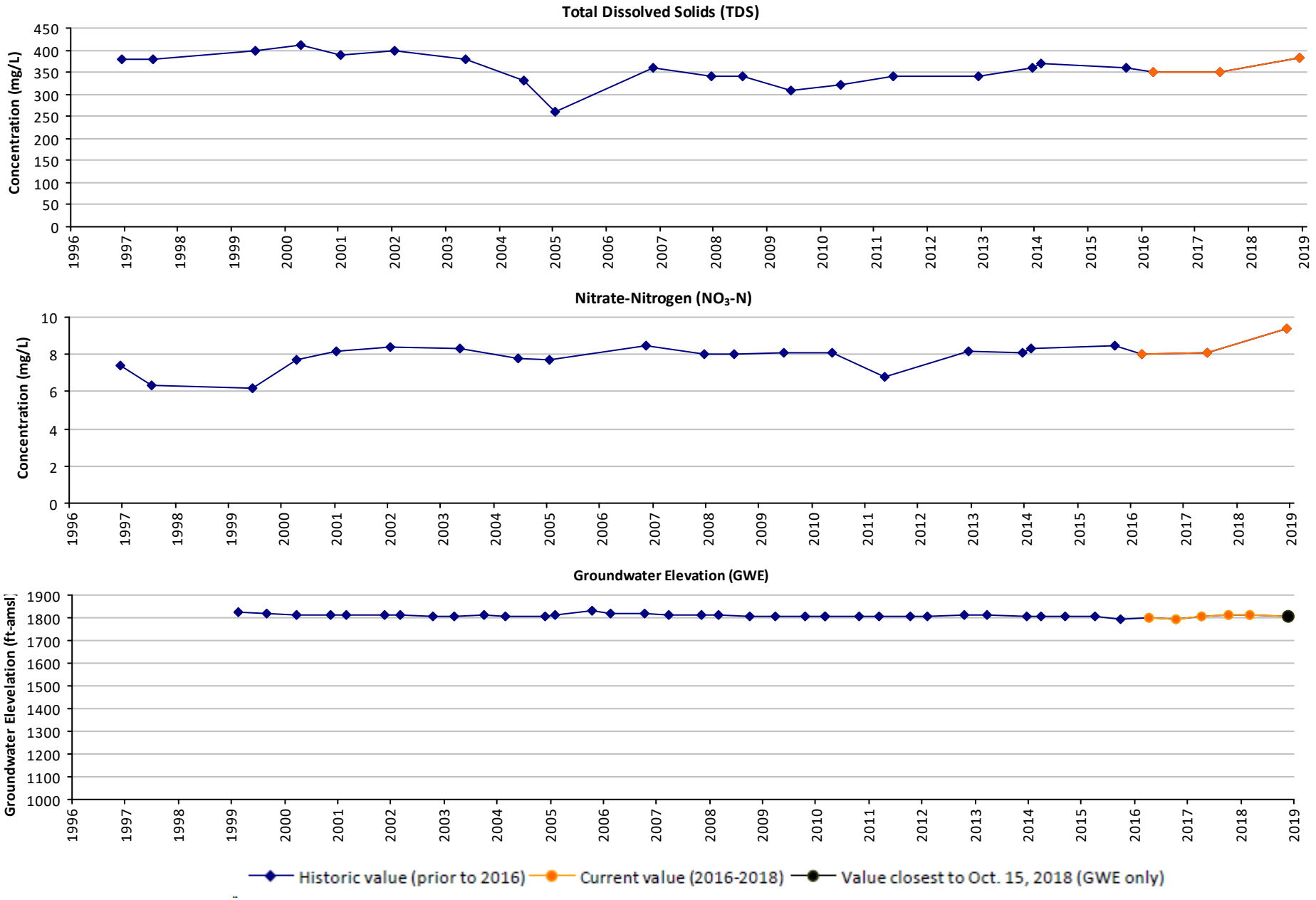

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

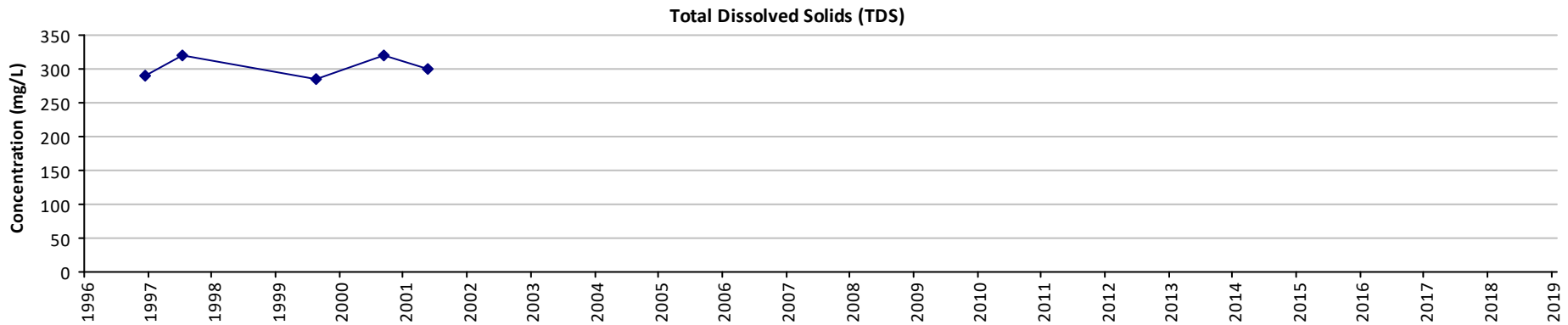

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

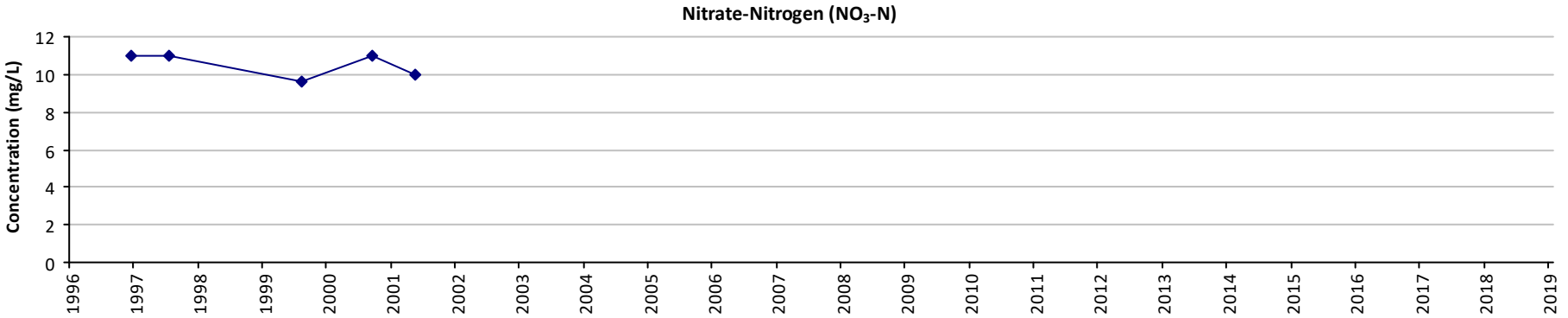

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
950
900
850
800
750
700
650
600
550
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

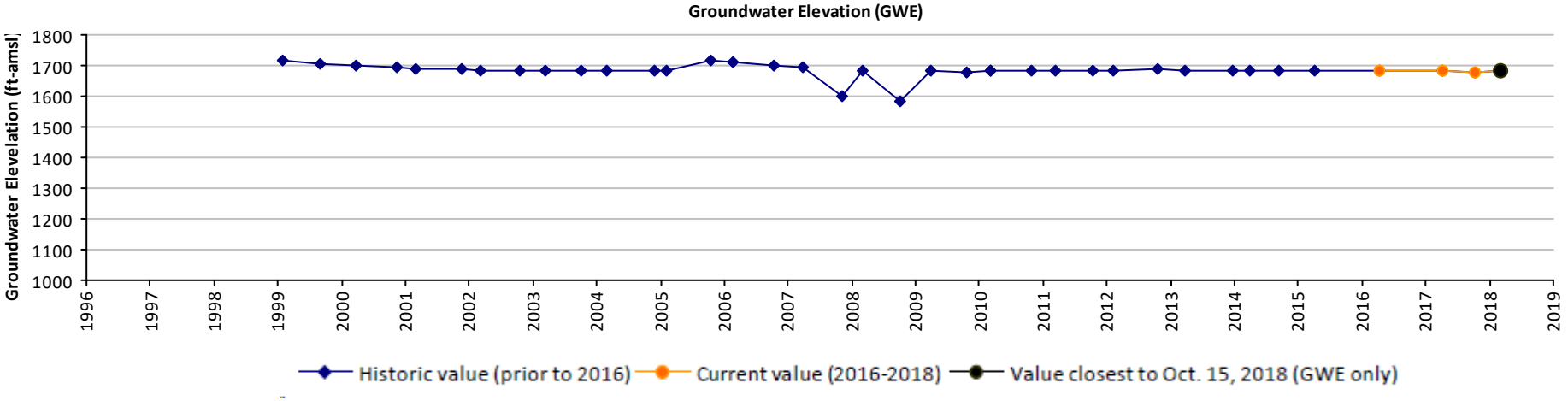
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

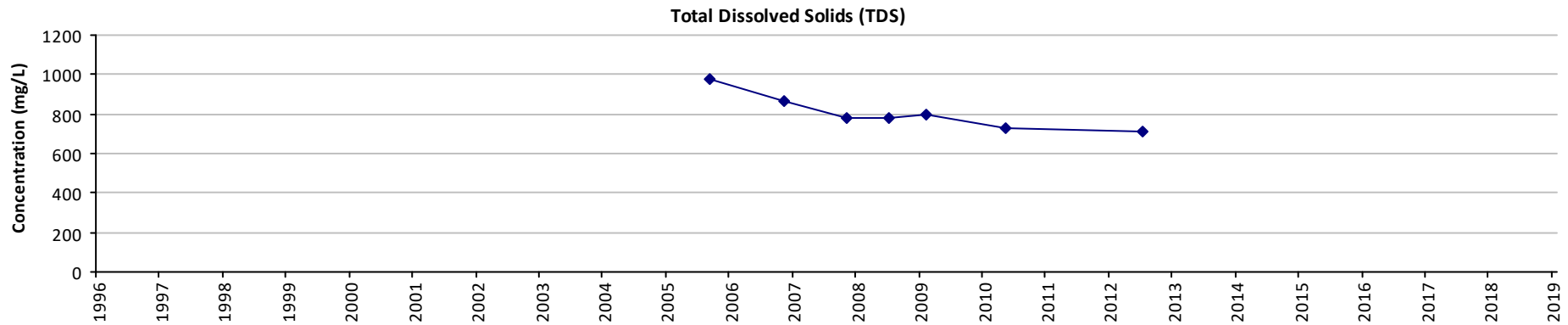
Well ID: 1210452
Management Zone: San Jacinto-Lower Pressure

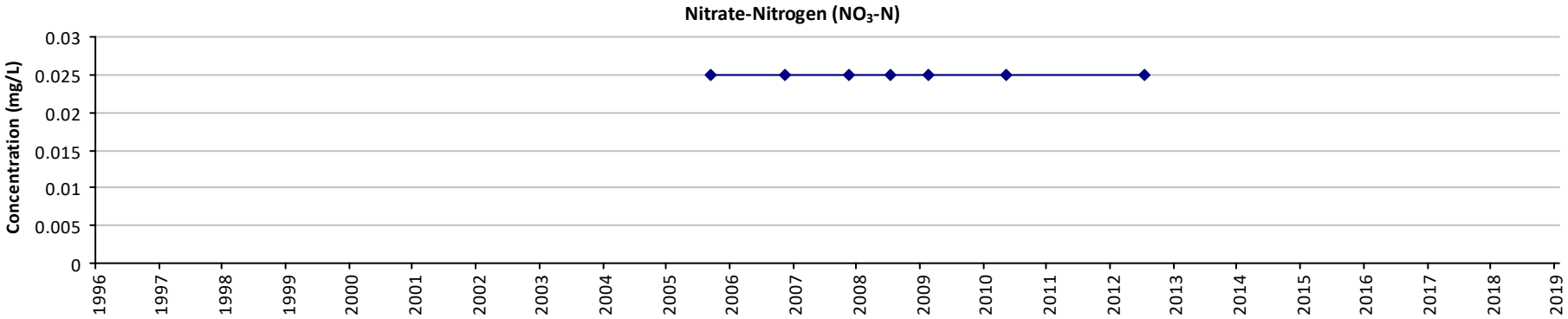


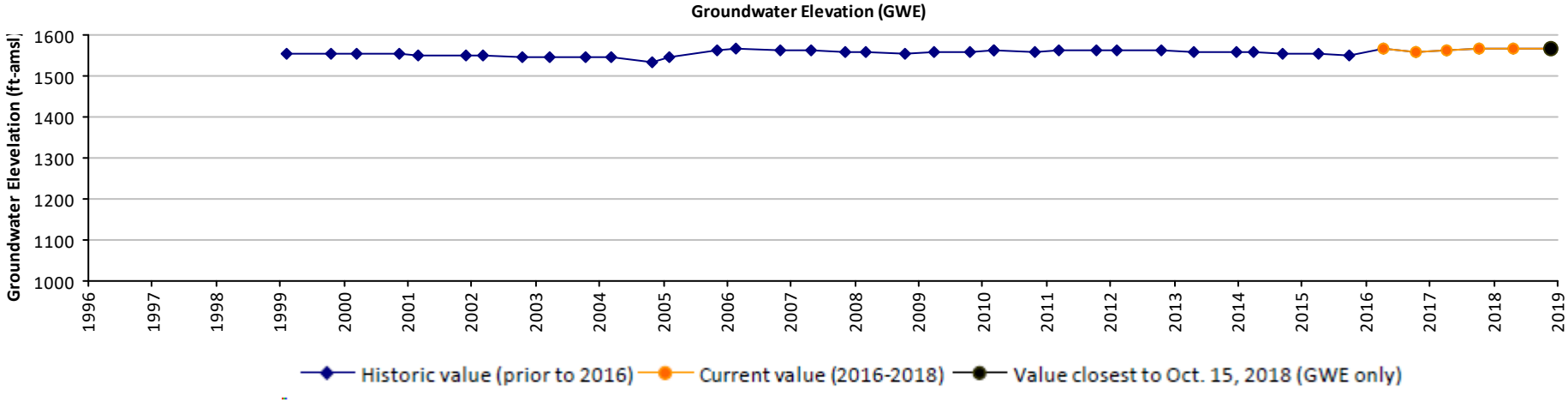

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

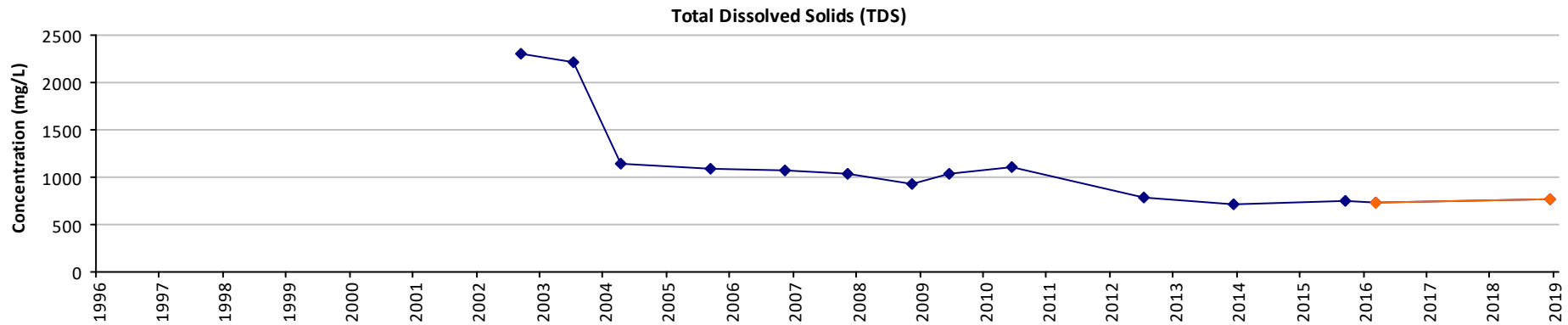

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

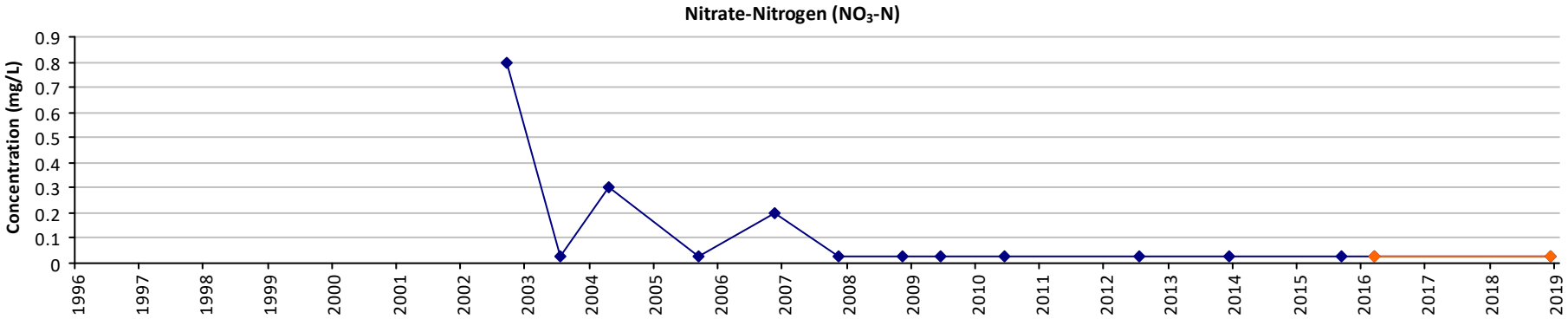

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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2010
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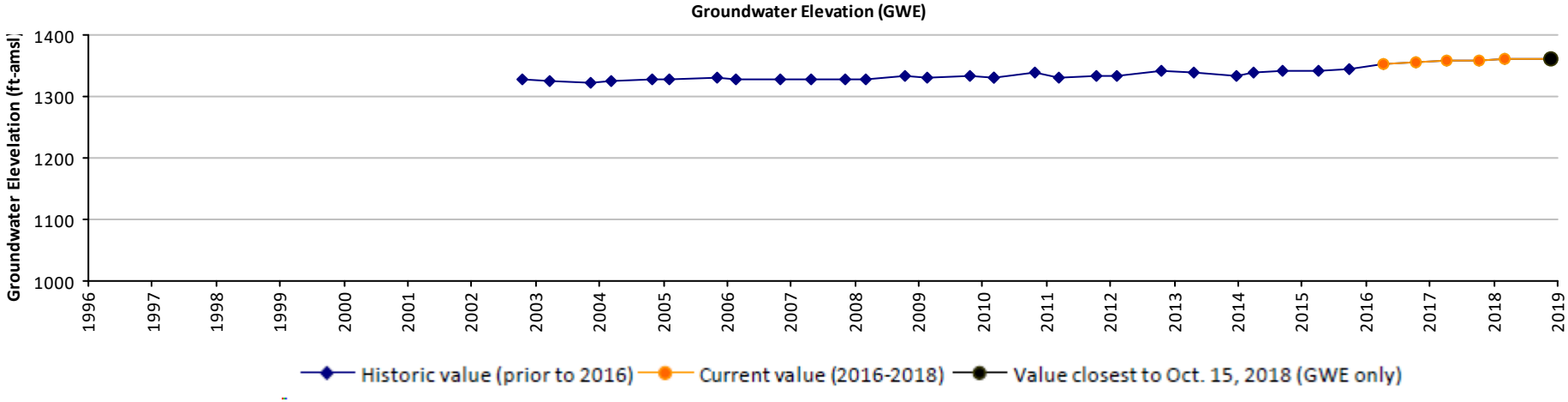
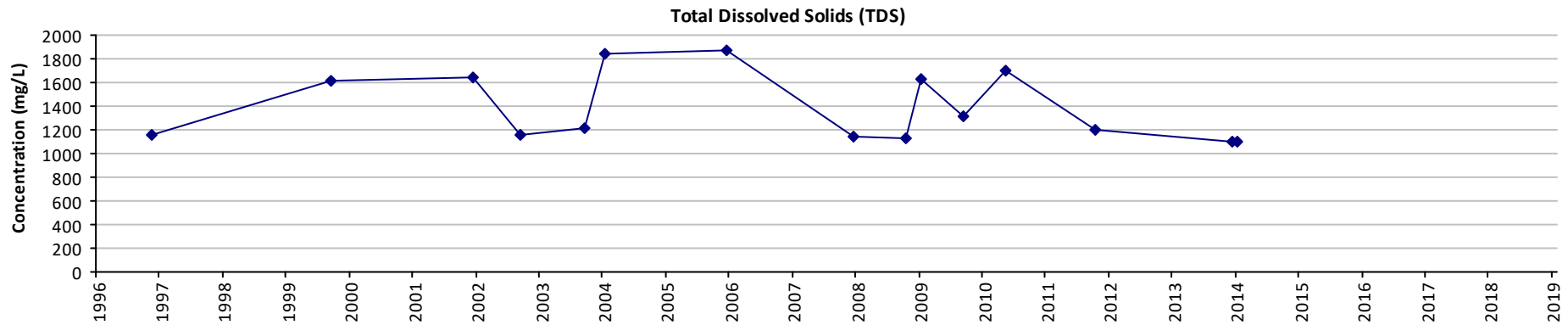
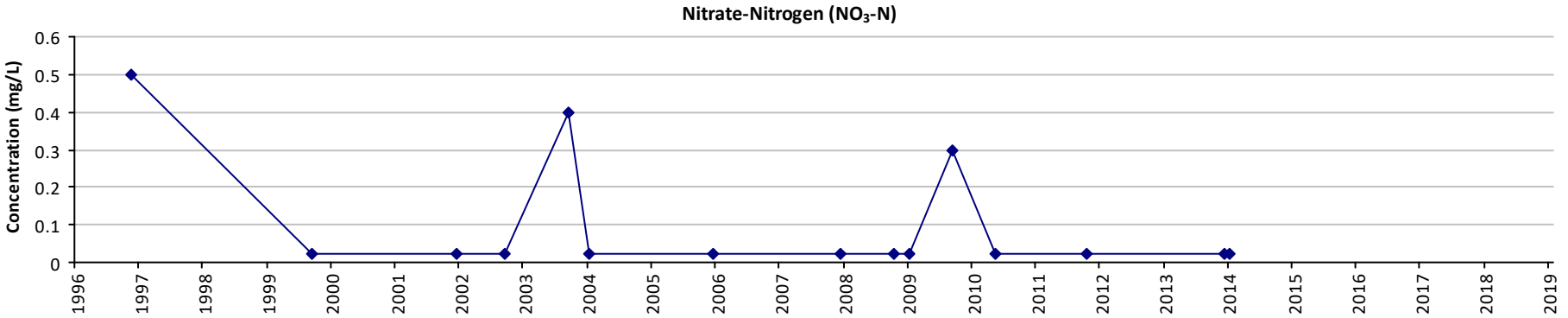
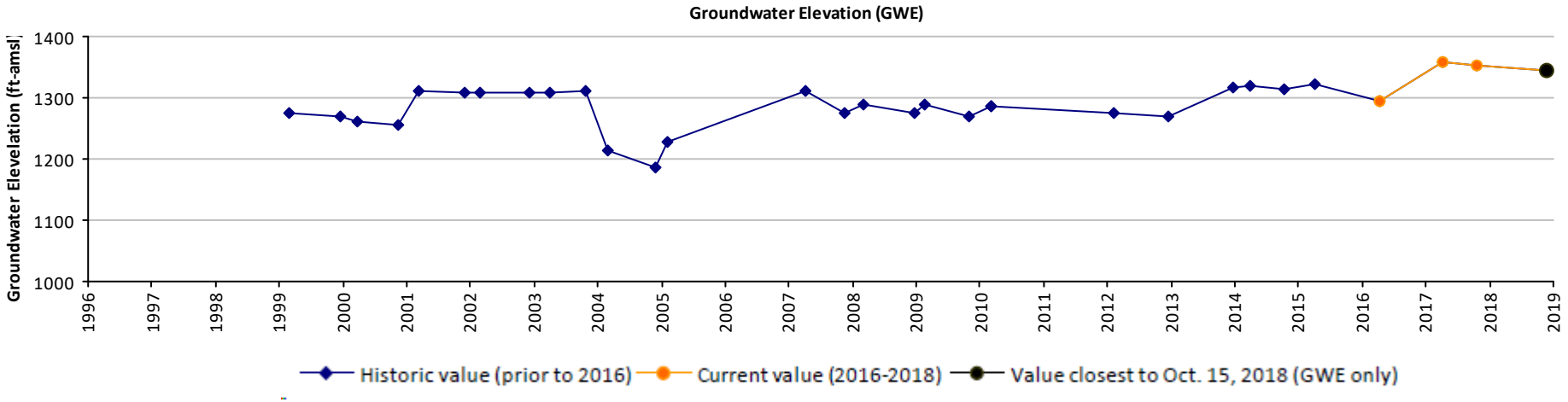
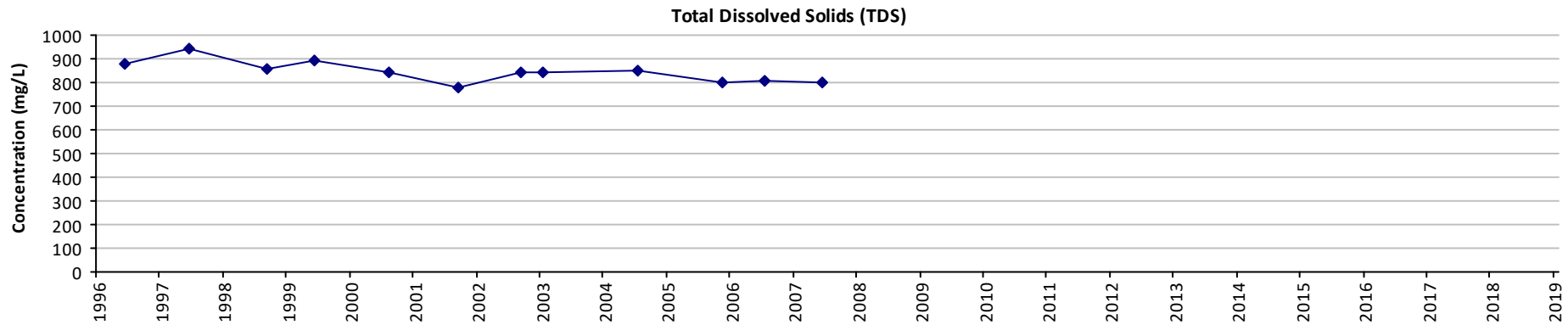
2012
2013
2014
2015
2016
2017
2018
2019

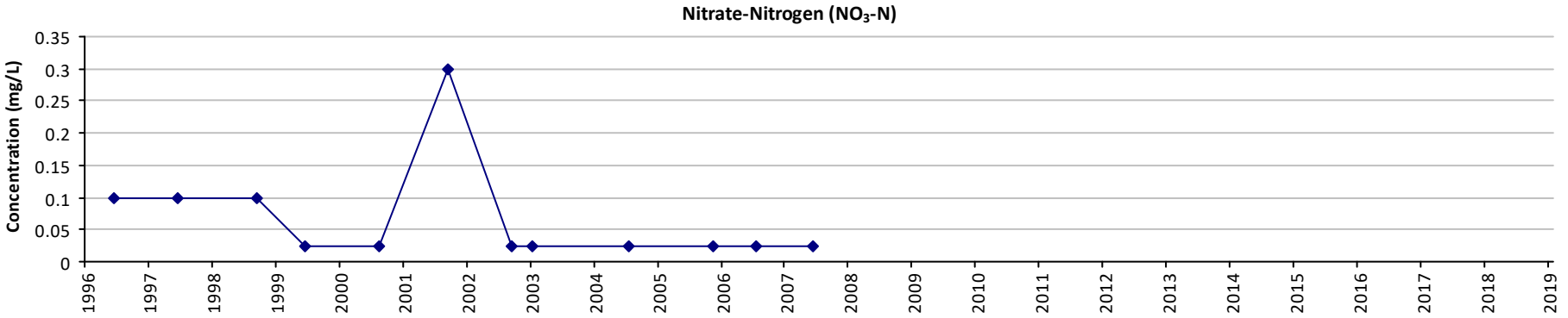

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

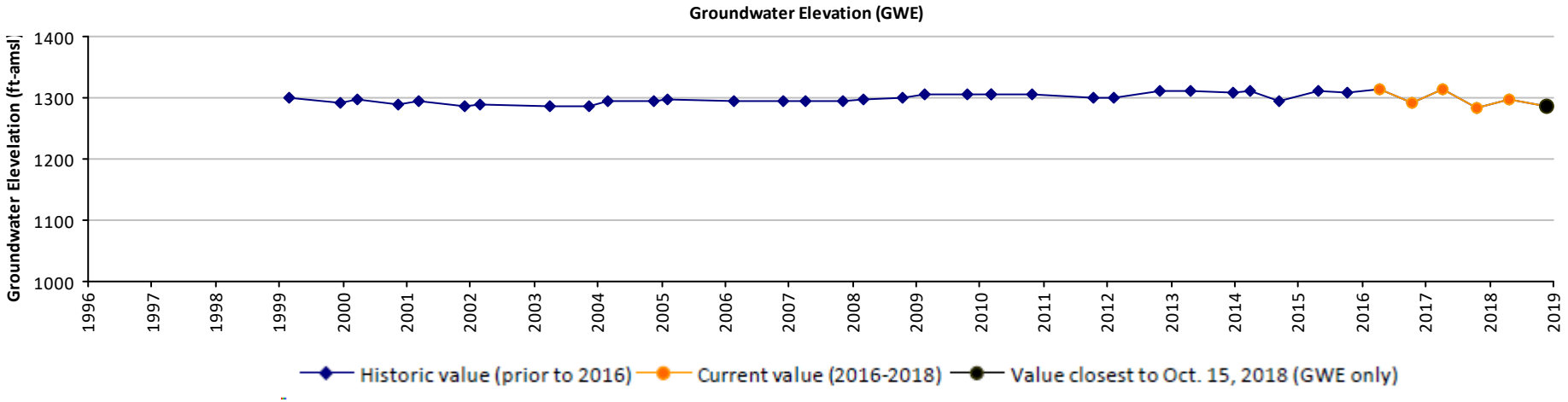

Total Dissolved Solids (TDS)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

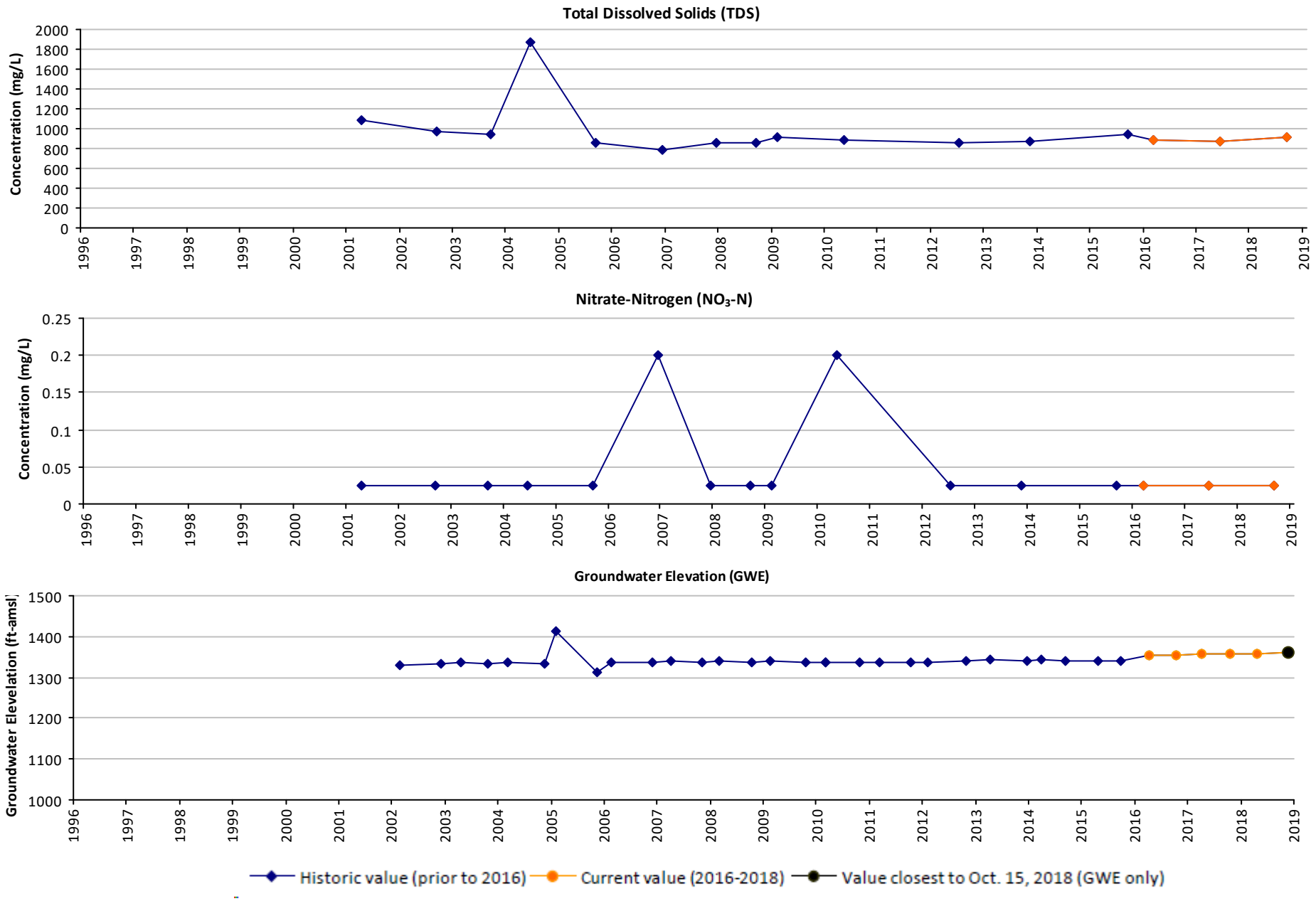

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

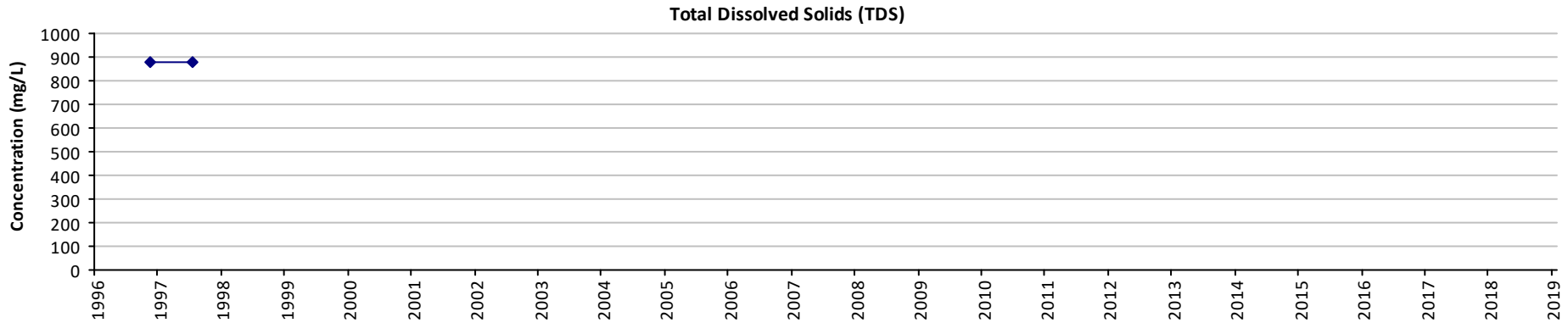

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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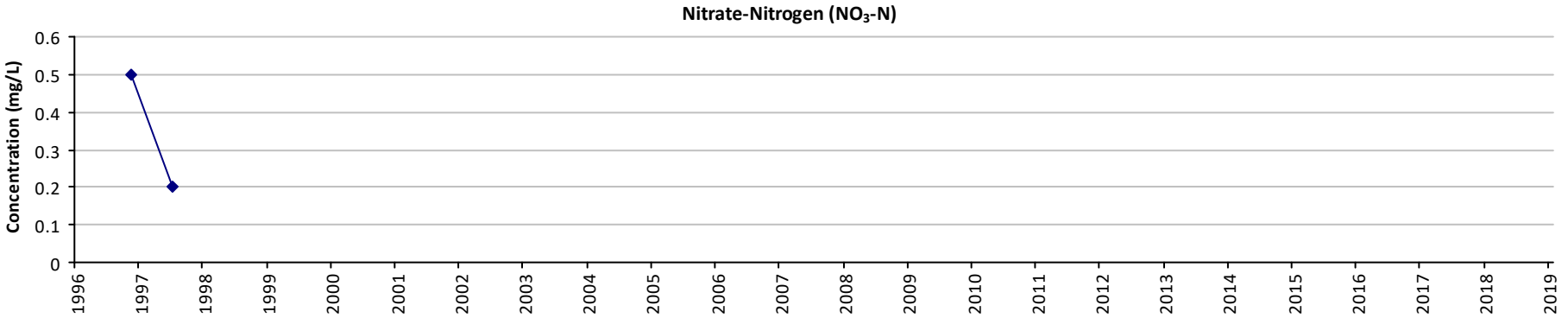
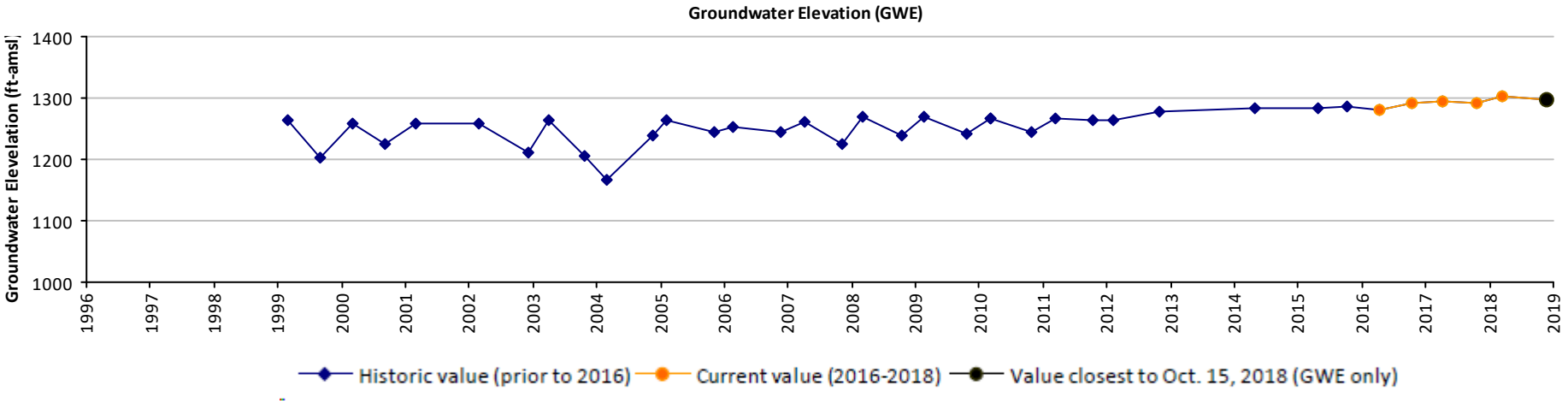
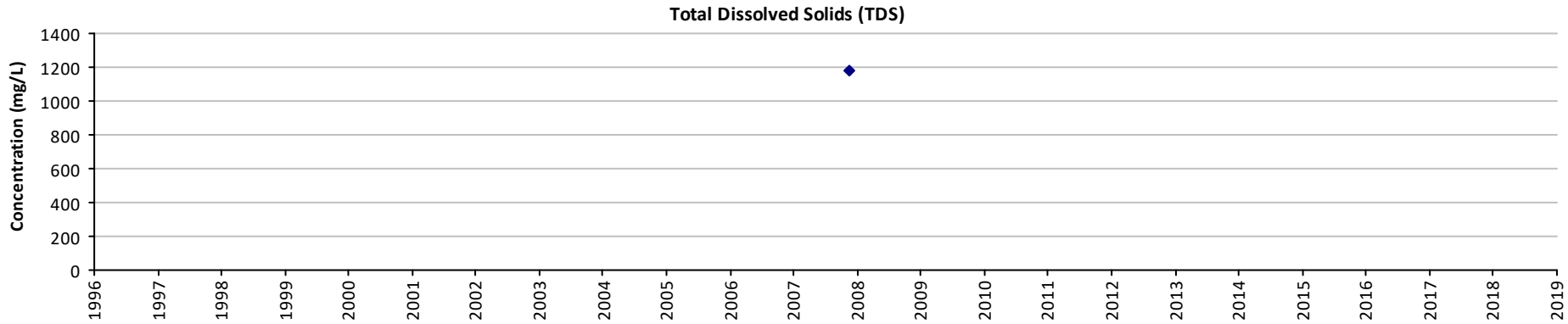
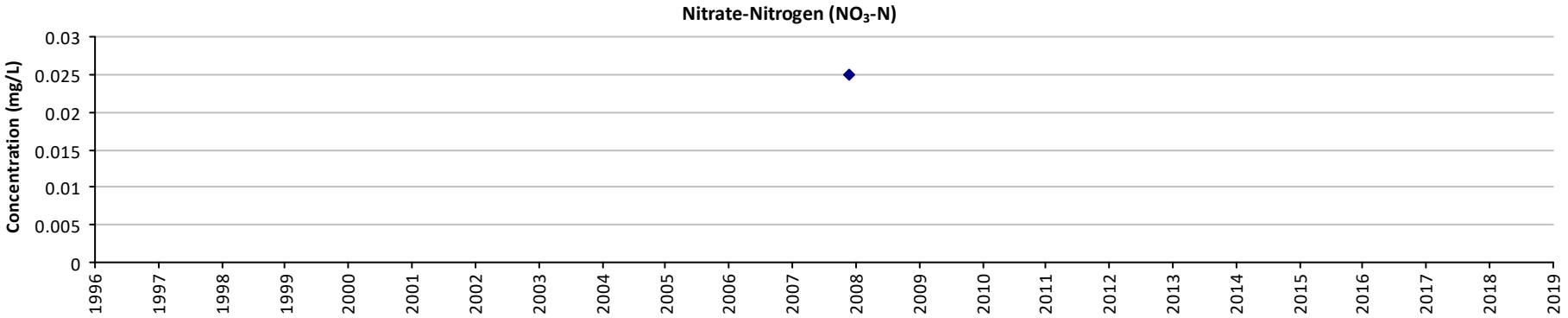
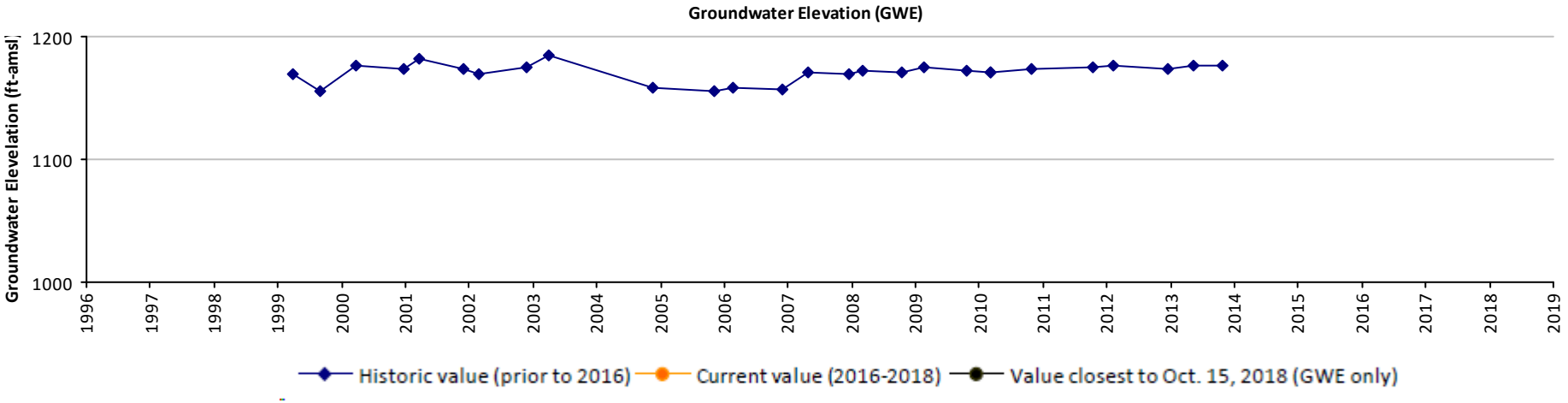
2012
2013
2014
2015
2016
2017
2018
2019

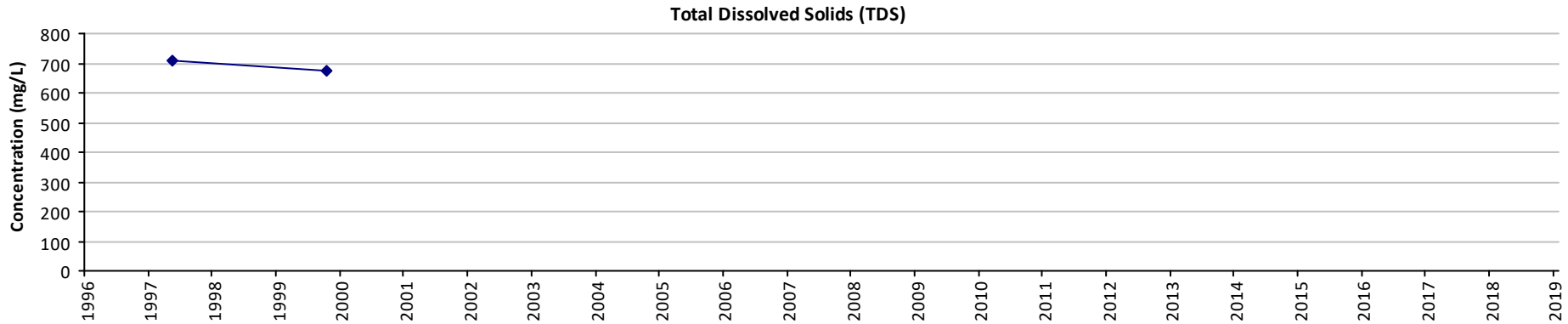

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

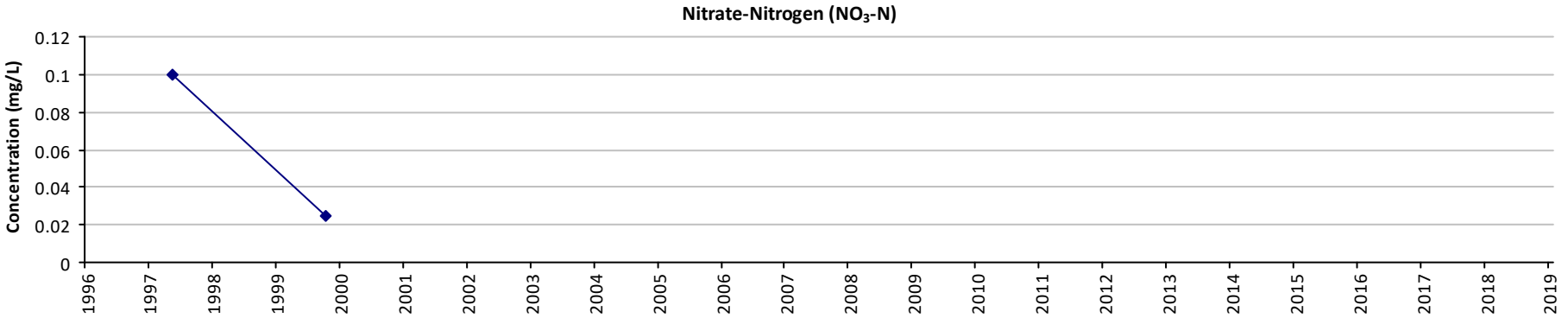

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

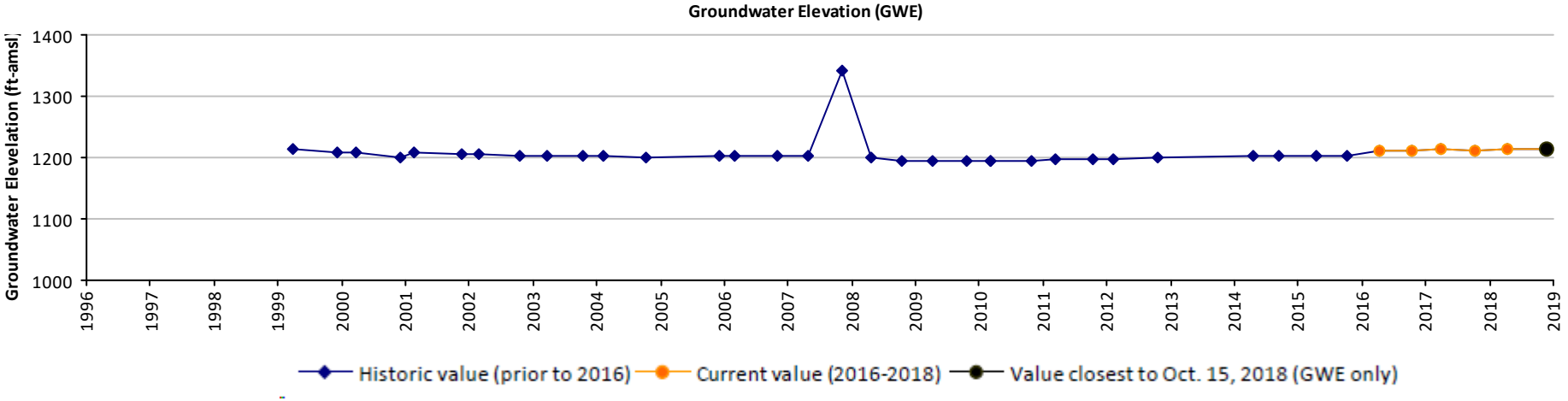

Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

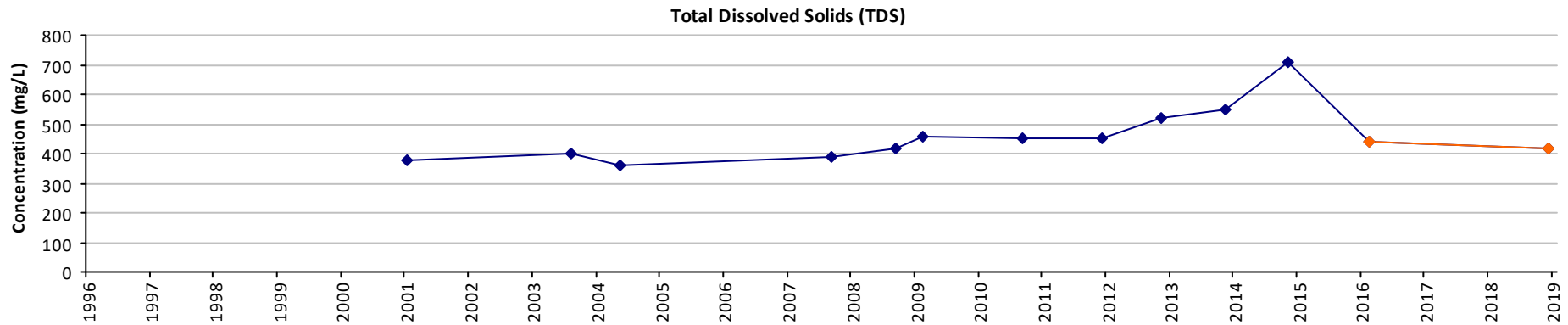

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

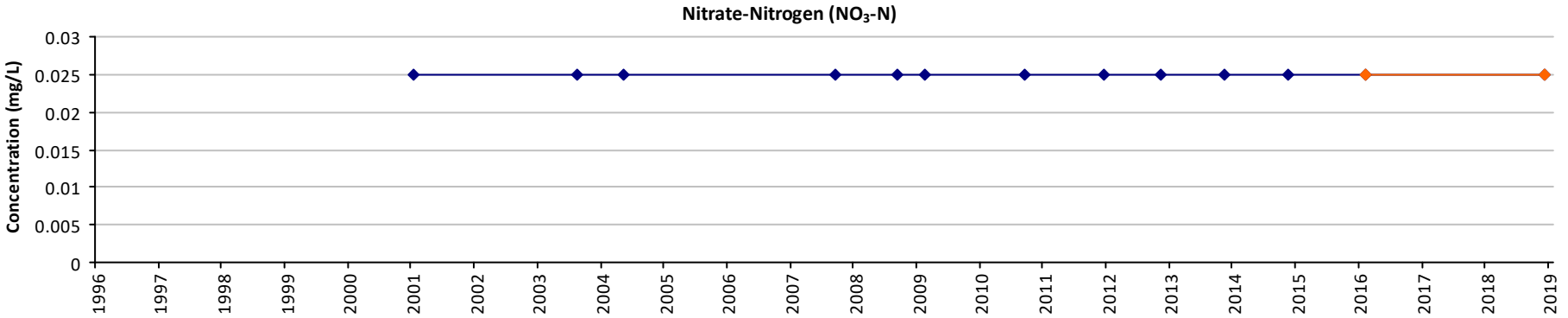

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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2010
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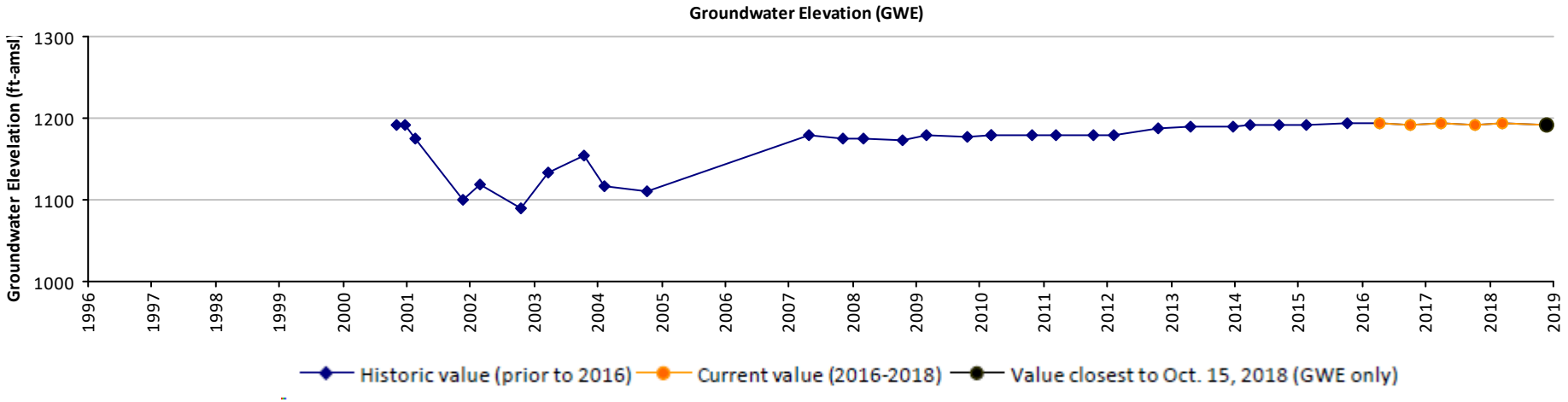
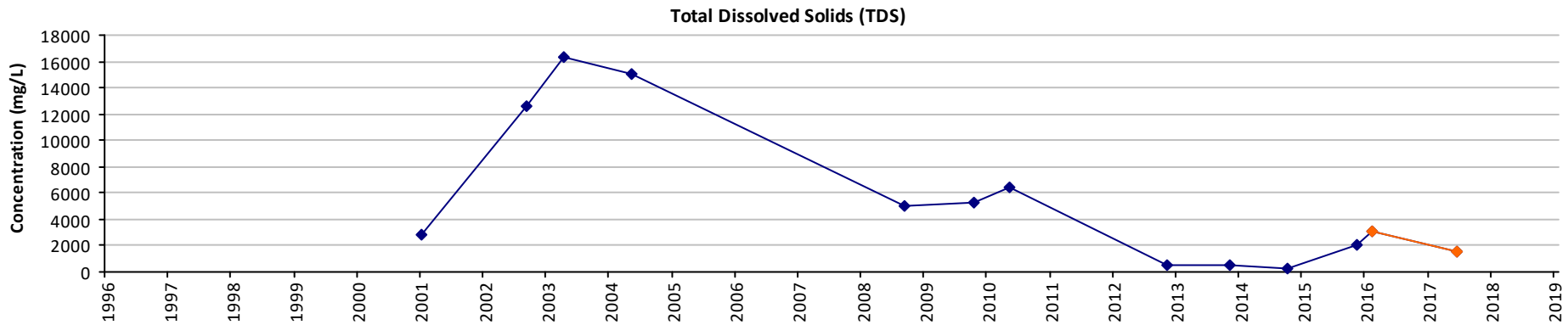
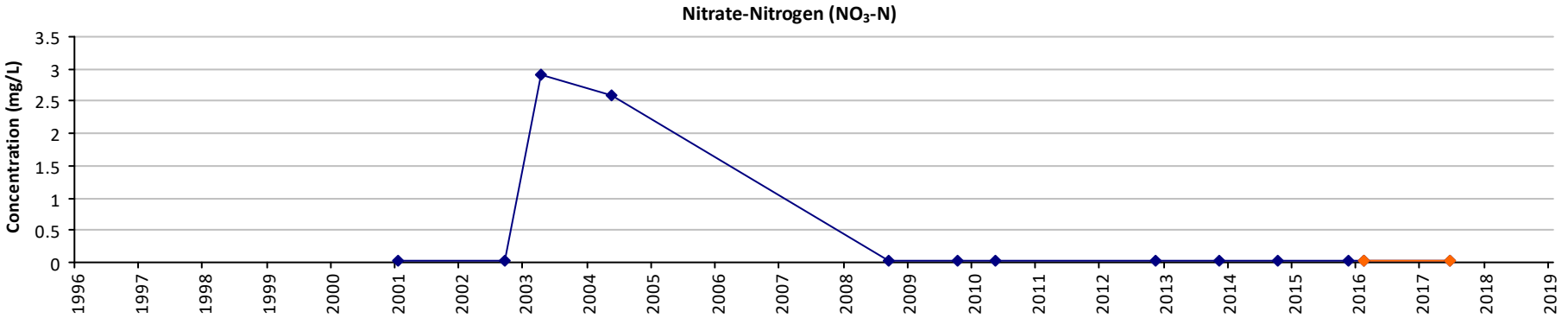
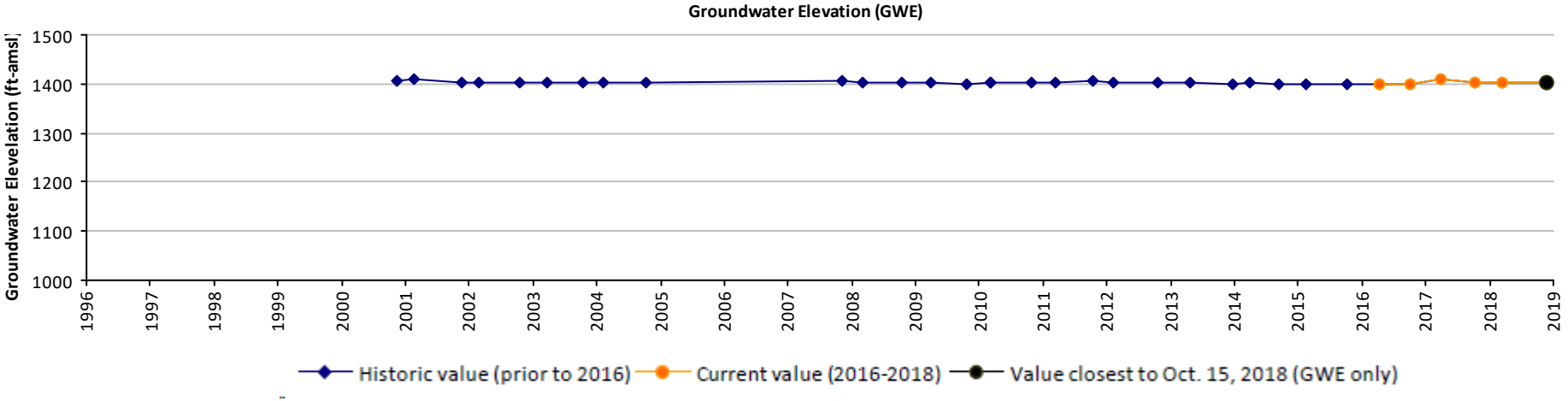
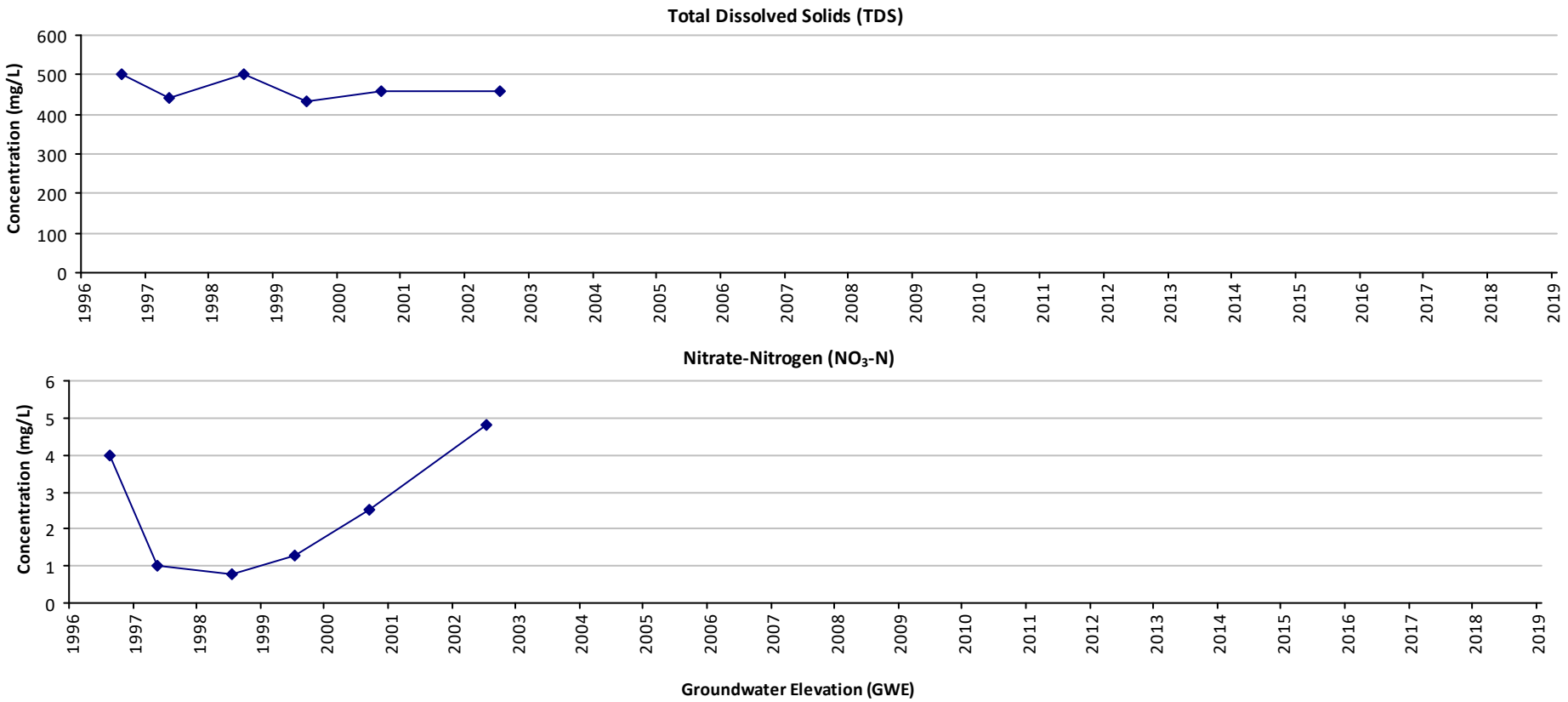
2012
2013
2014
2015
2016
2017
2018
2019

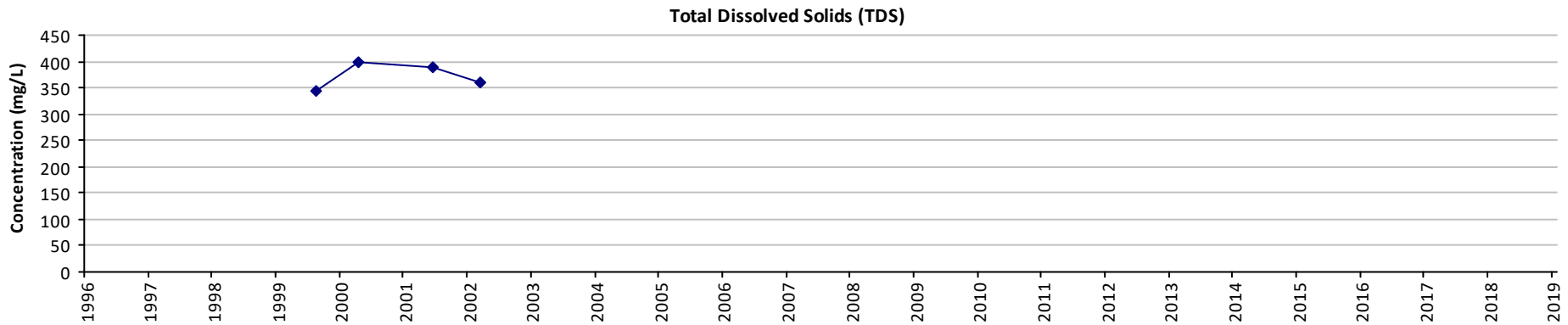

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

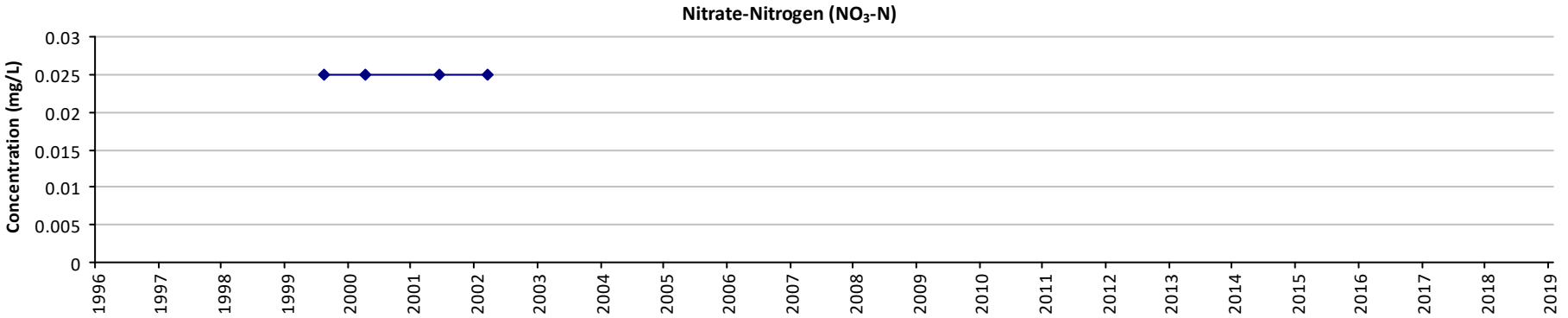

Total Dissolved Solids (TDS)
Concentration (mg/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

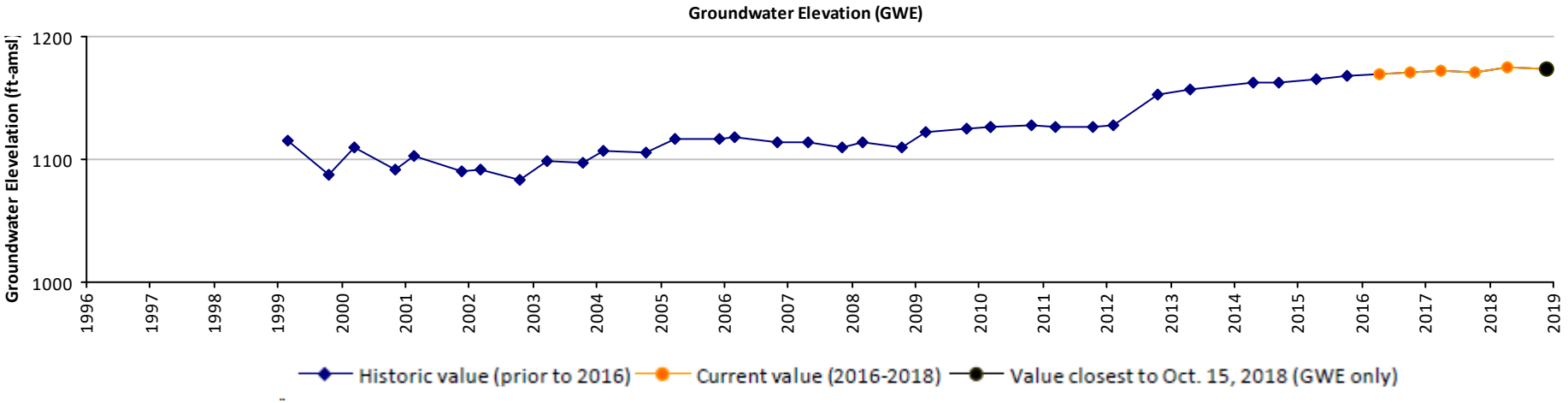

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

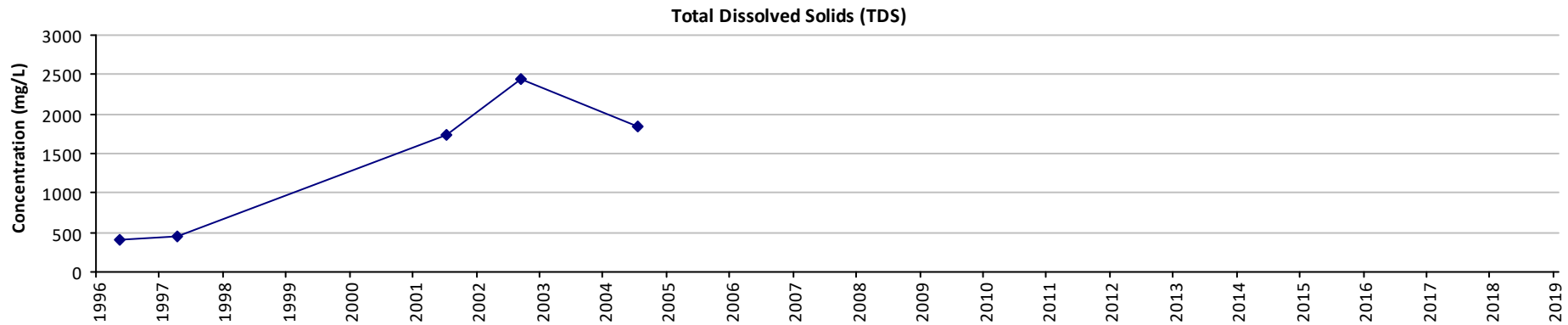

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

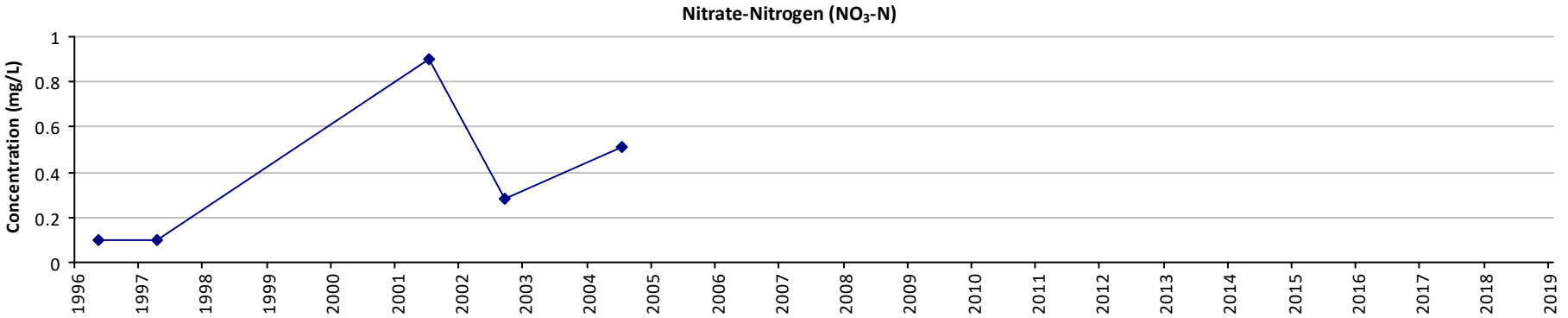

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

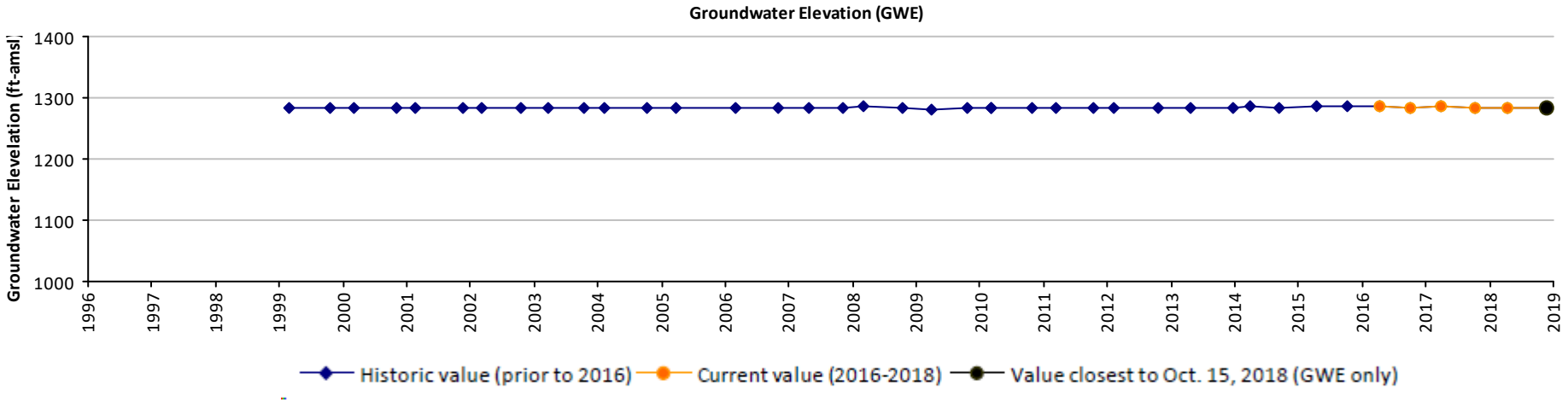

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

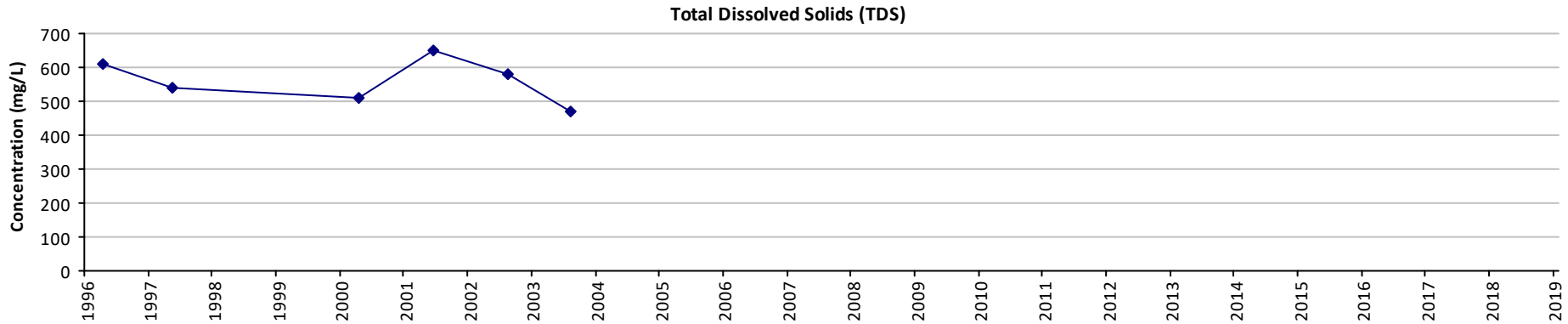

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

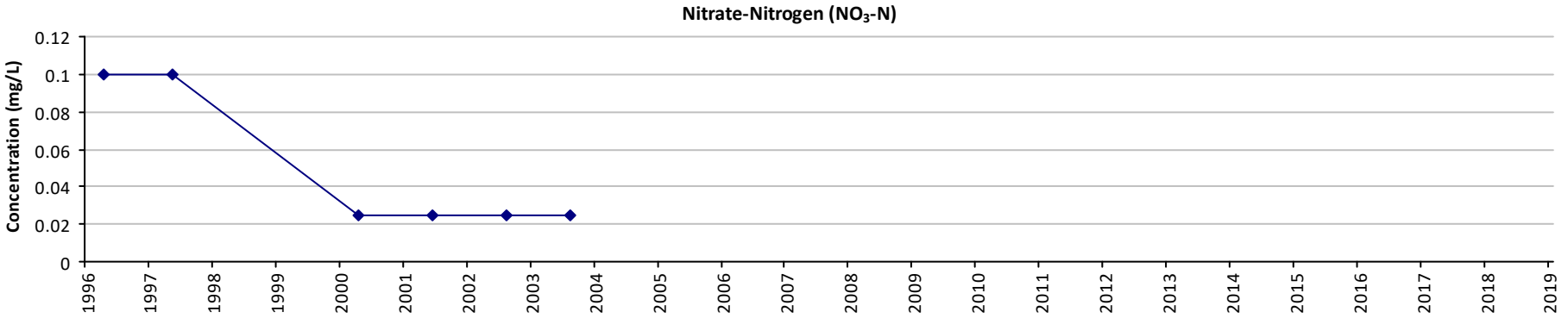

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

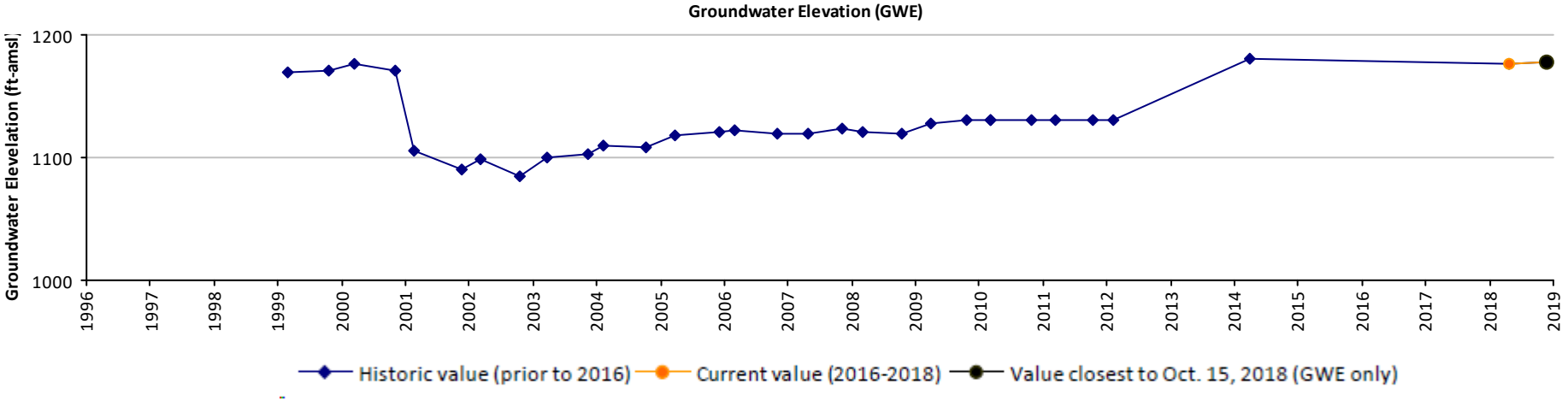

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

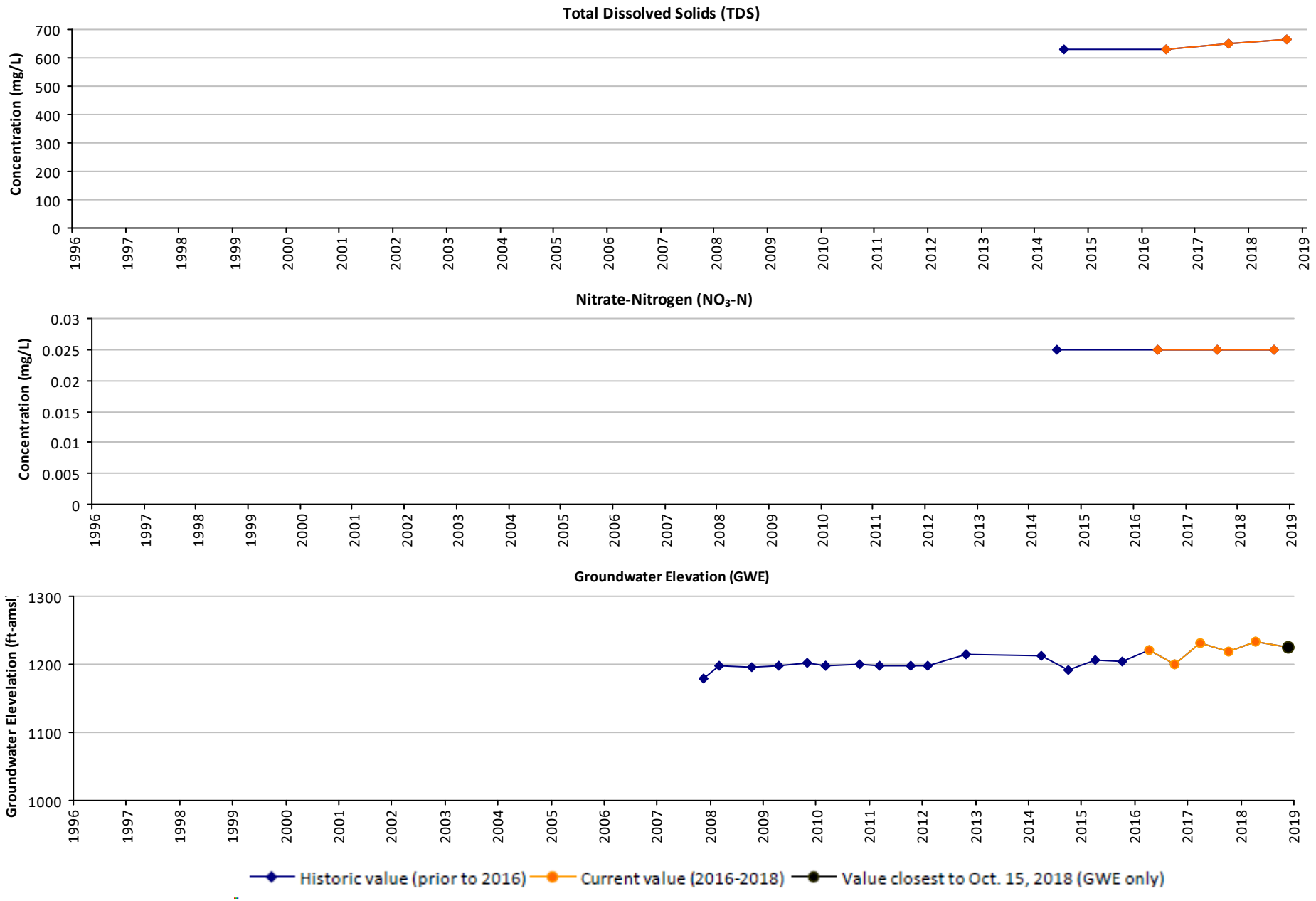

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

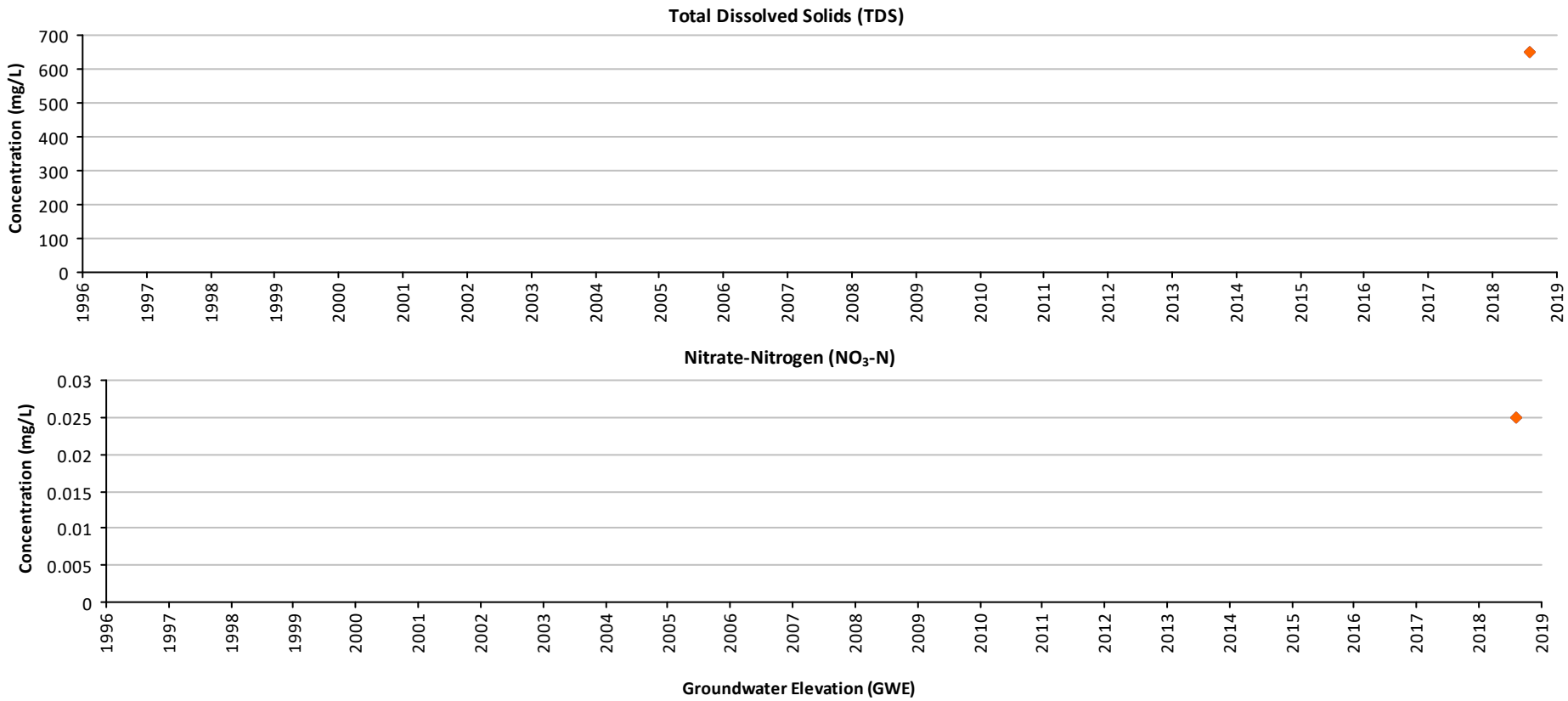

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

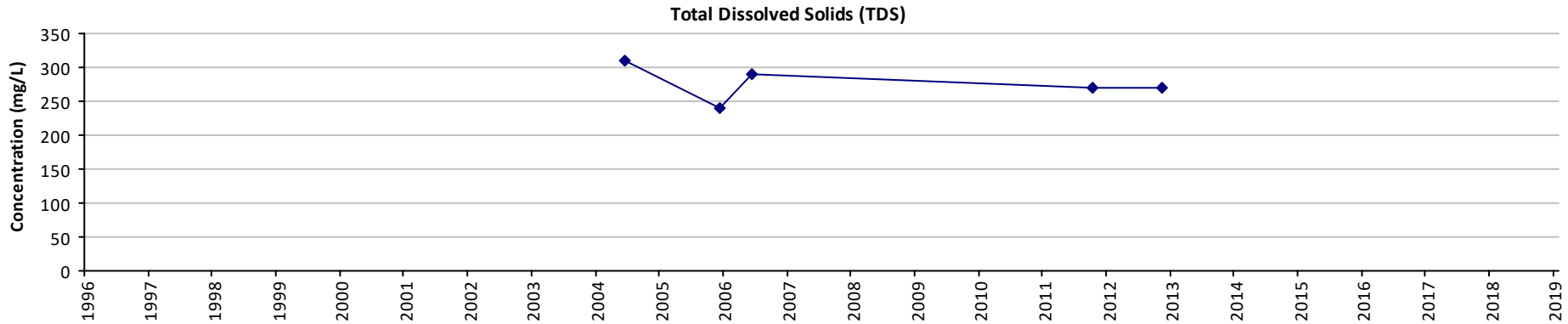

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

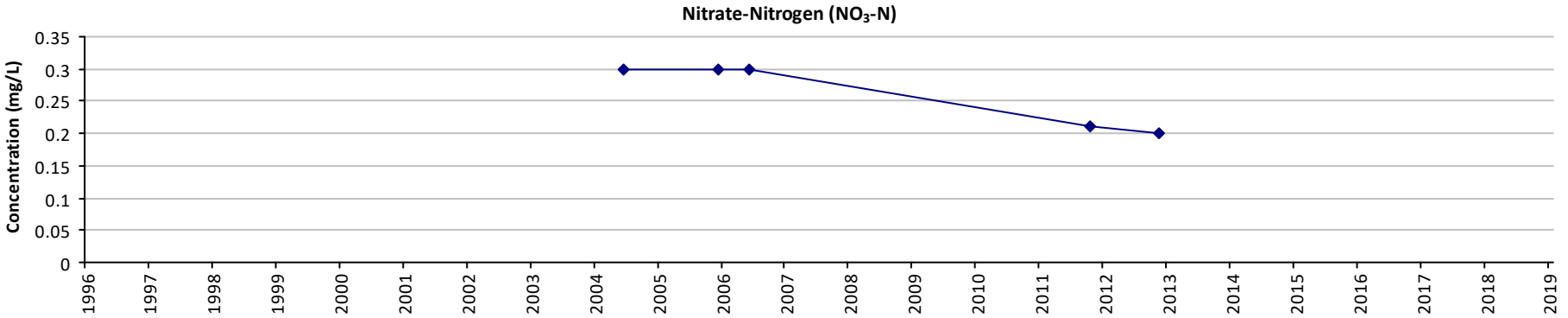

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

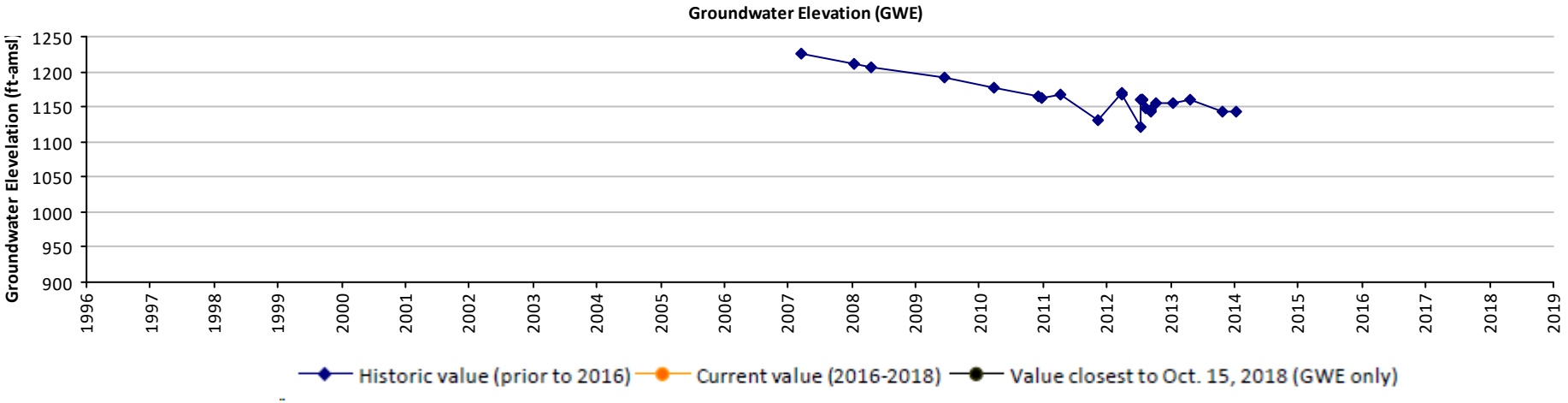

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

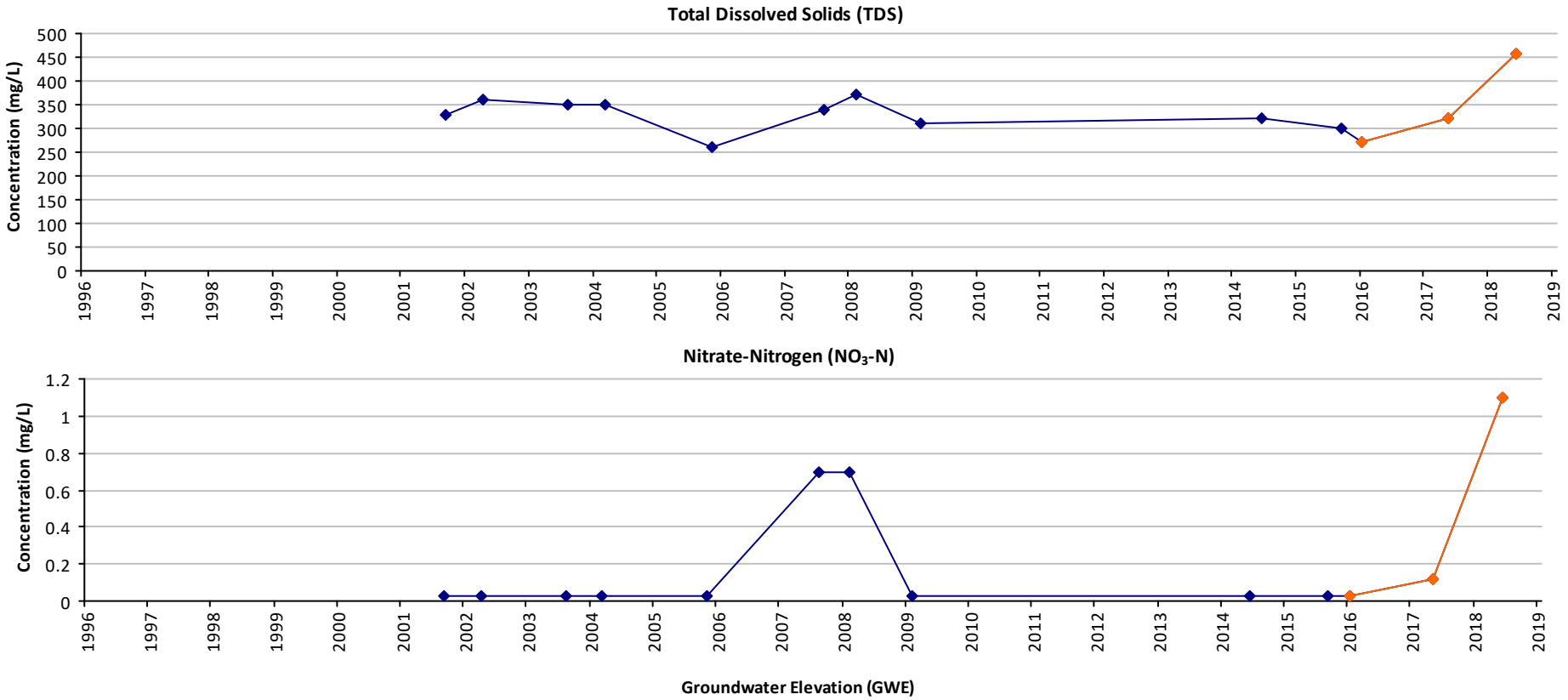

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

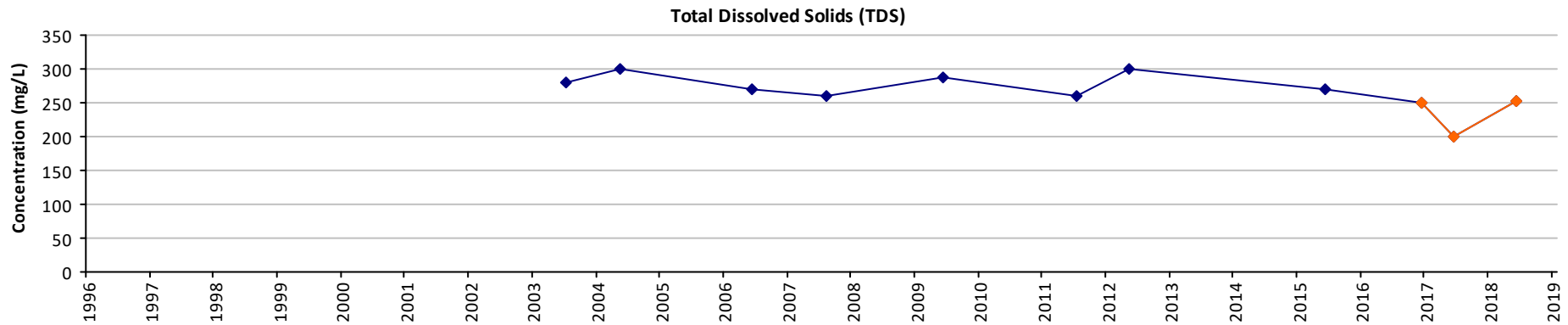

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2008
2009
2010
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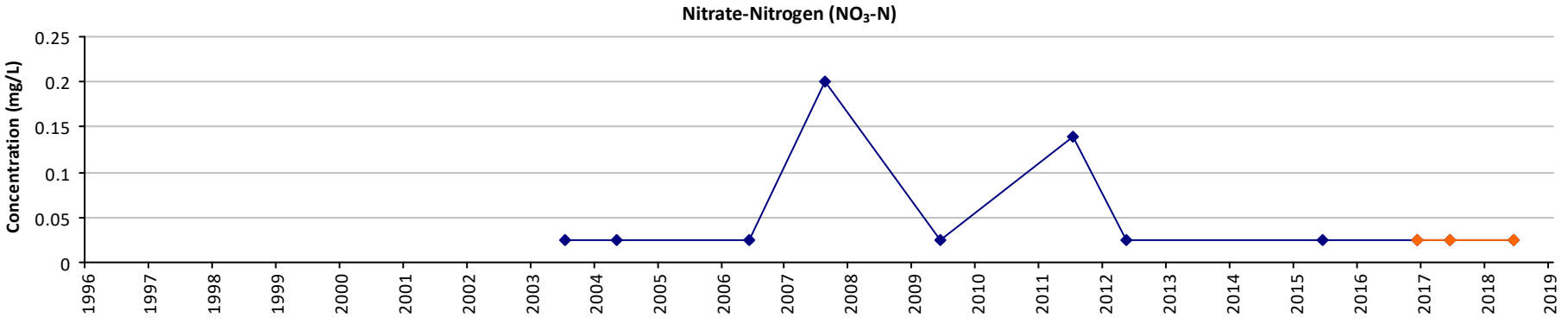
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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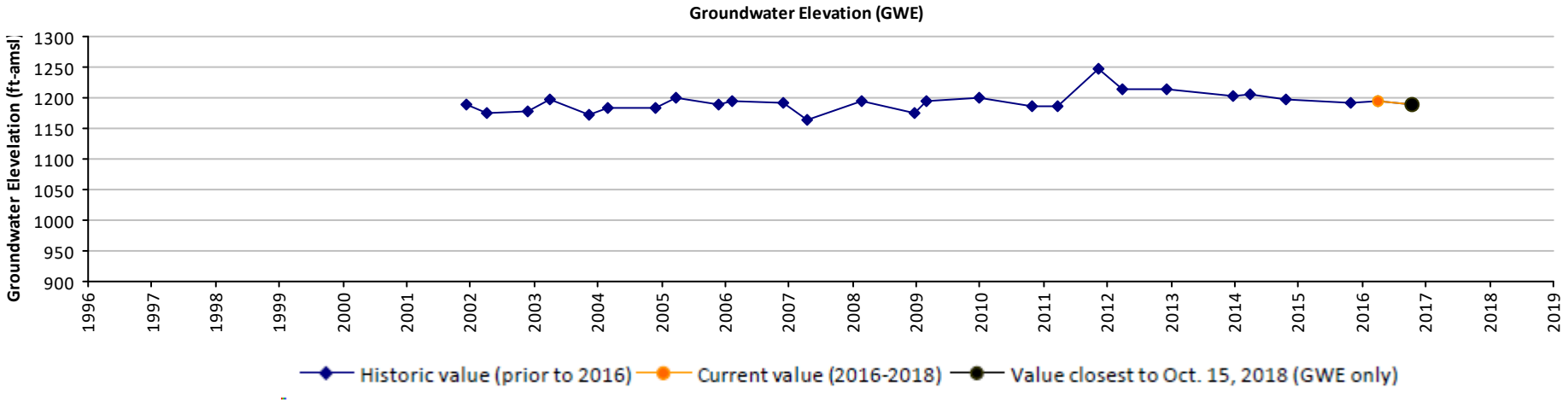
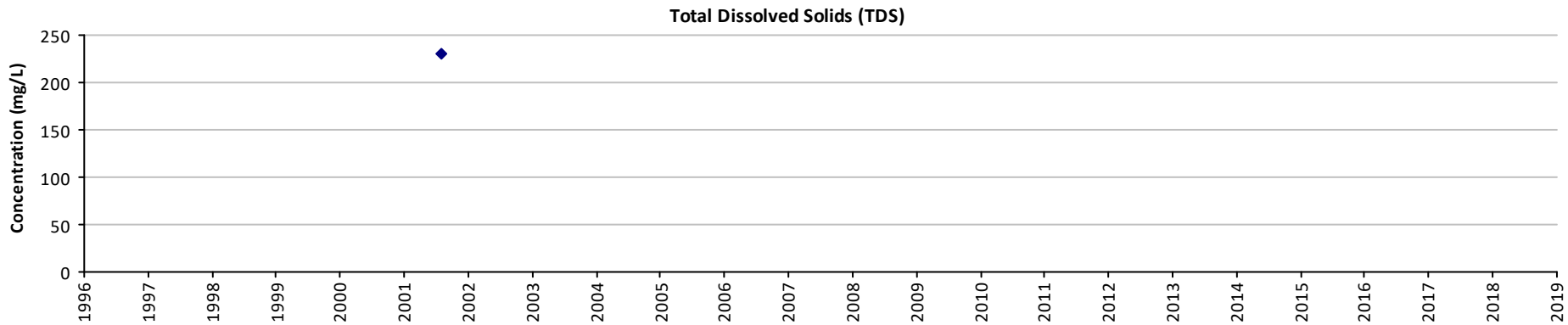
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
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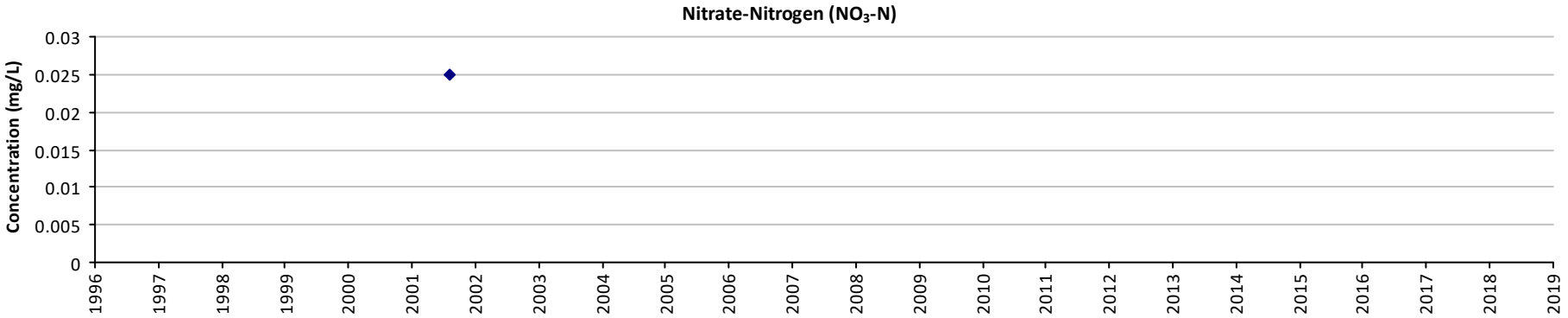
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
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2004
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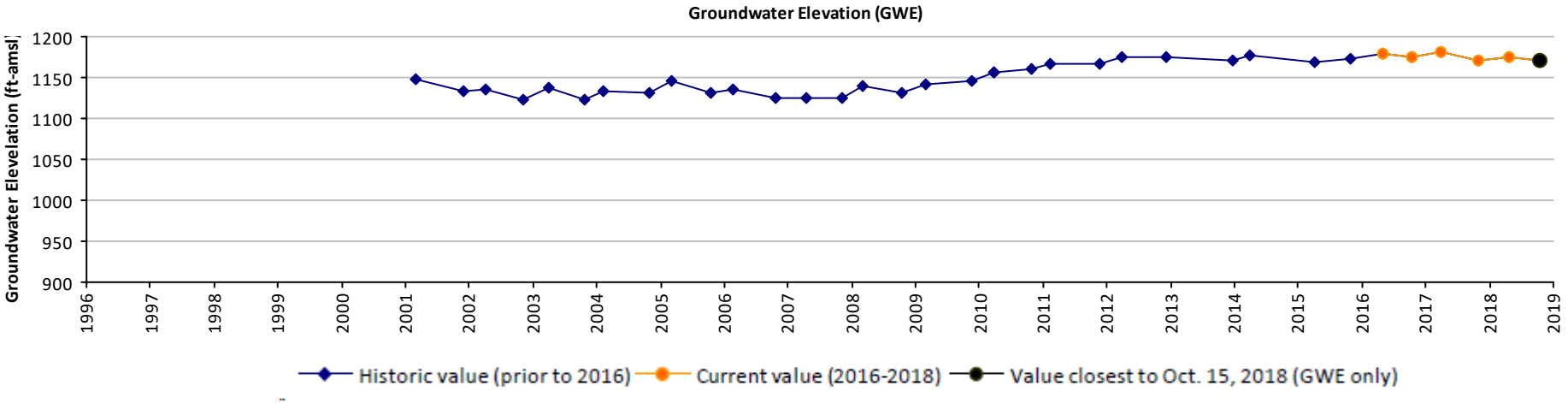
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2013
2014
2015
2016
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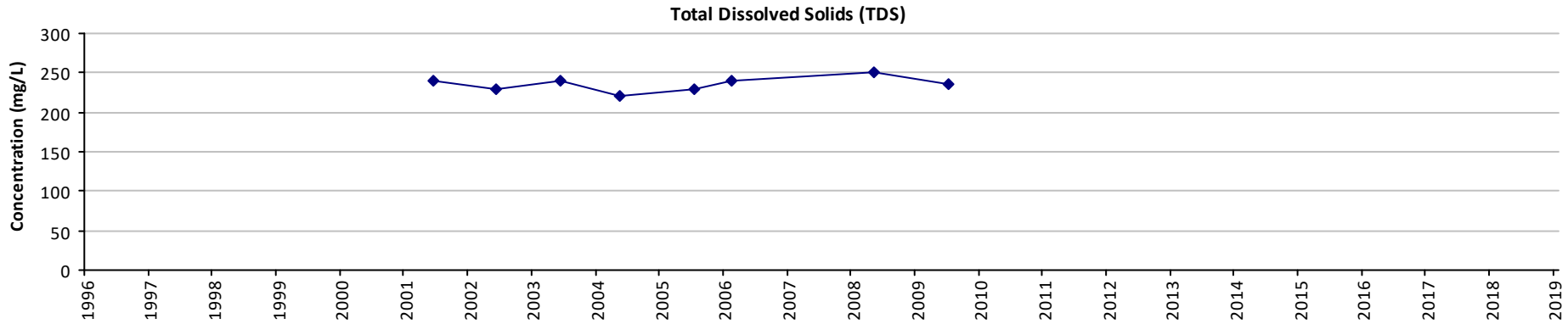
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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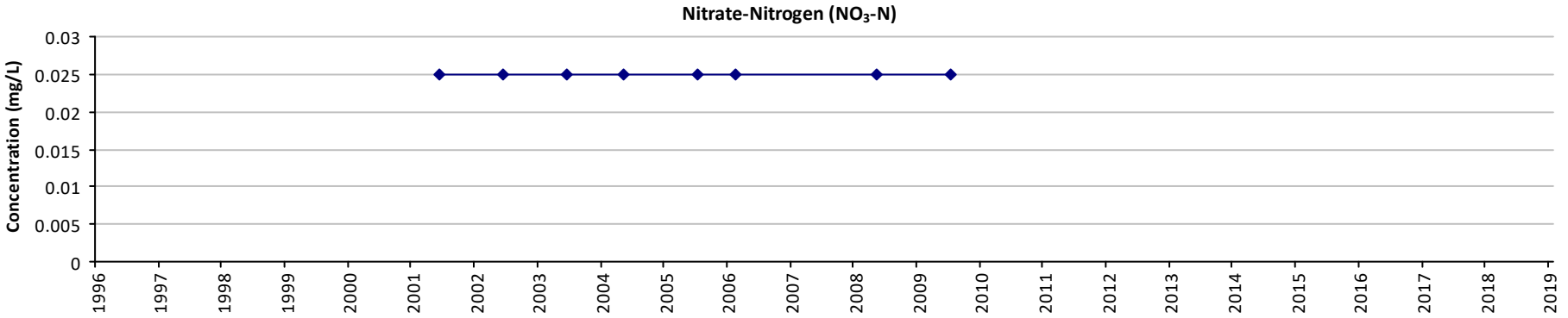
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
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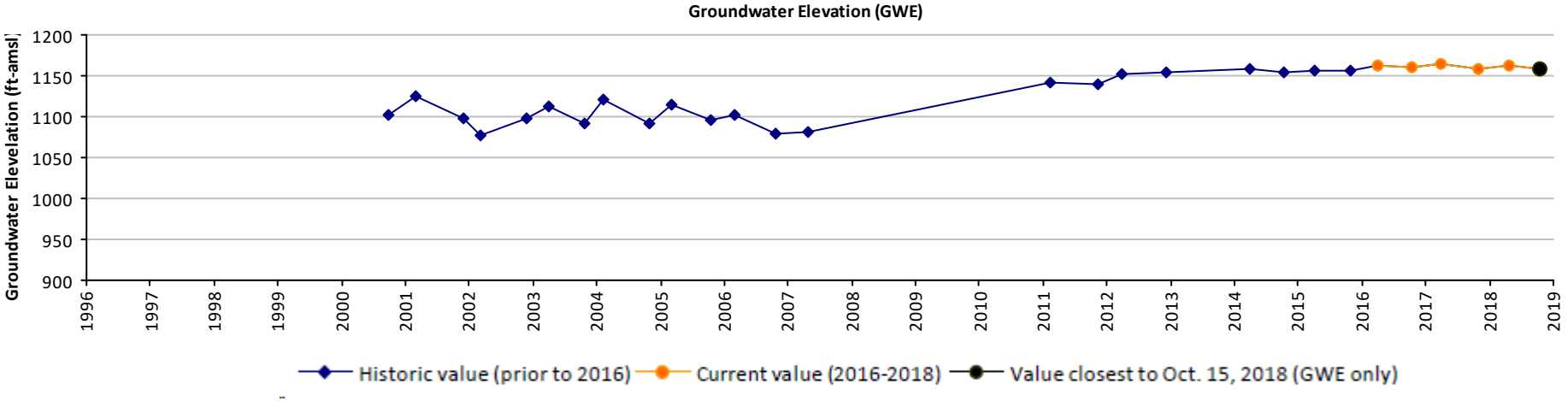
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
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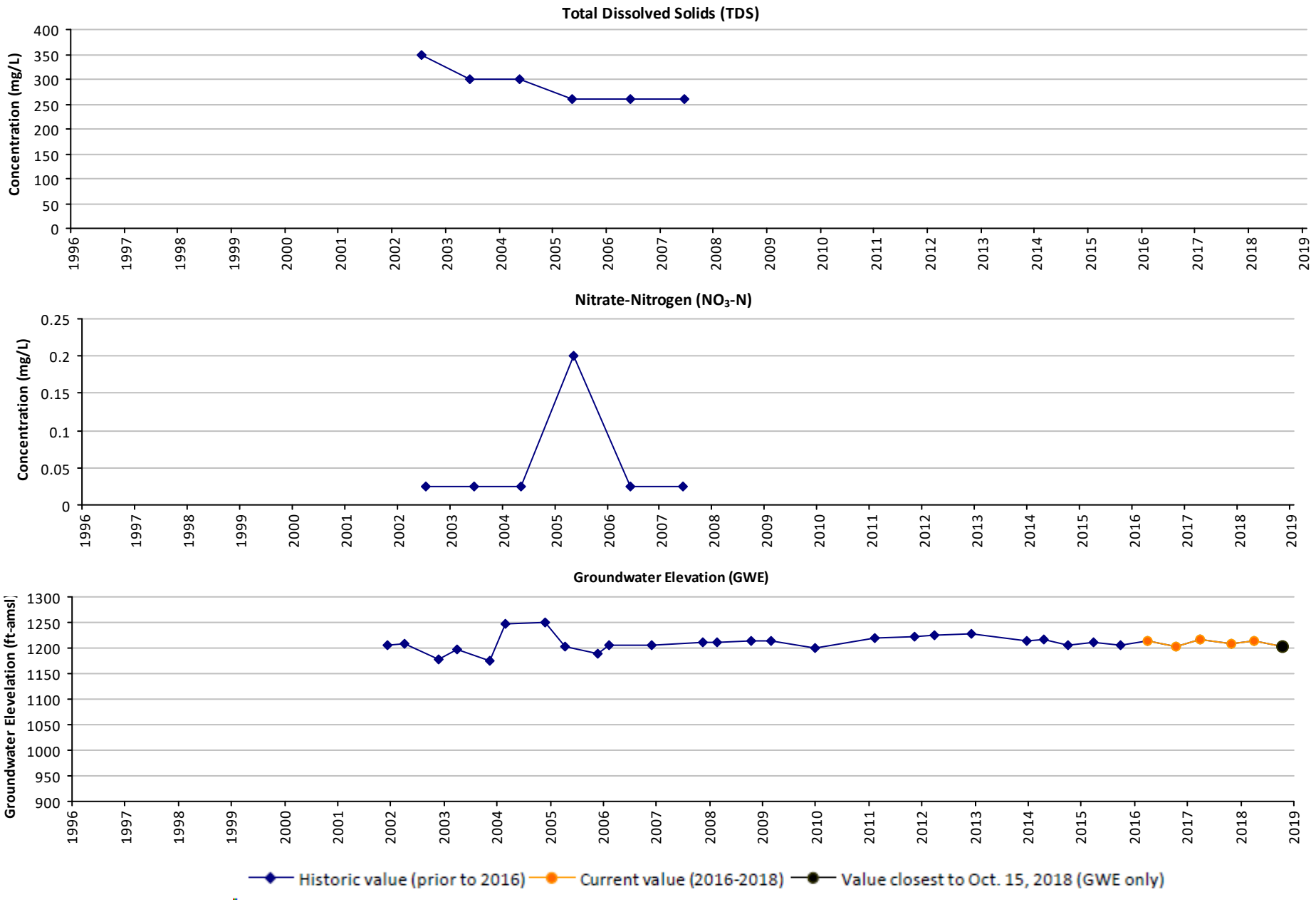
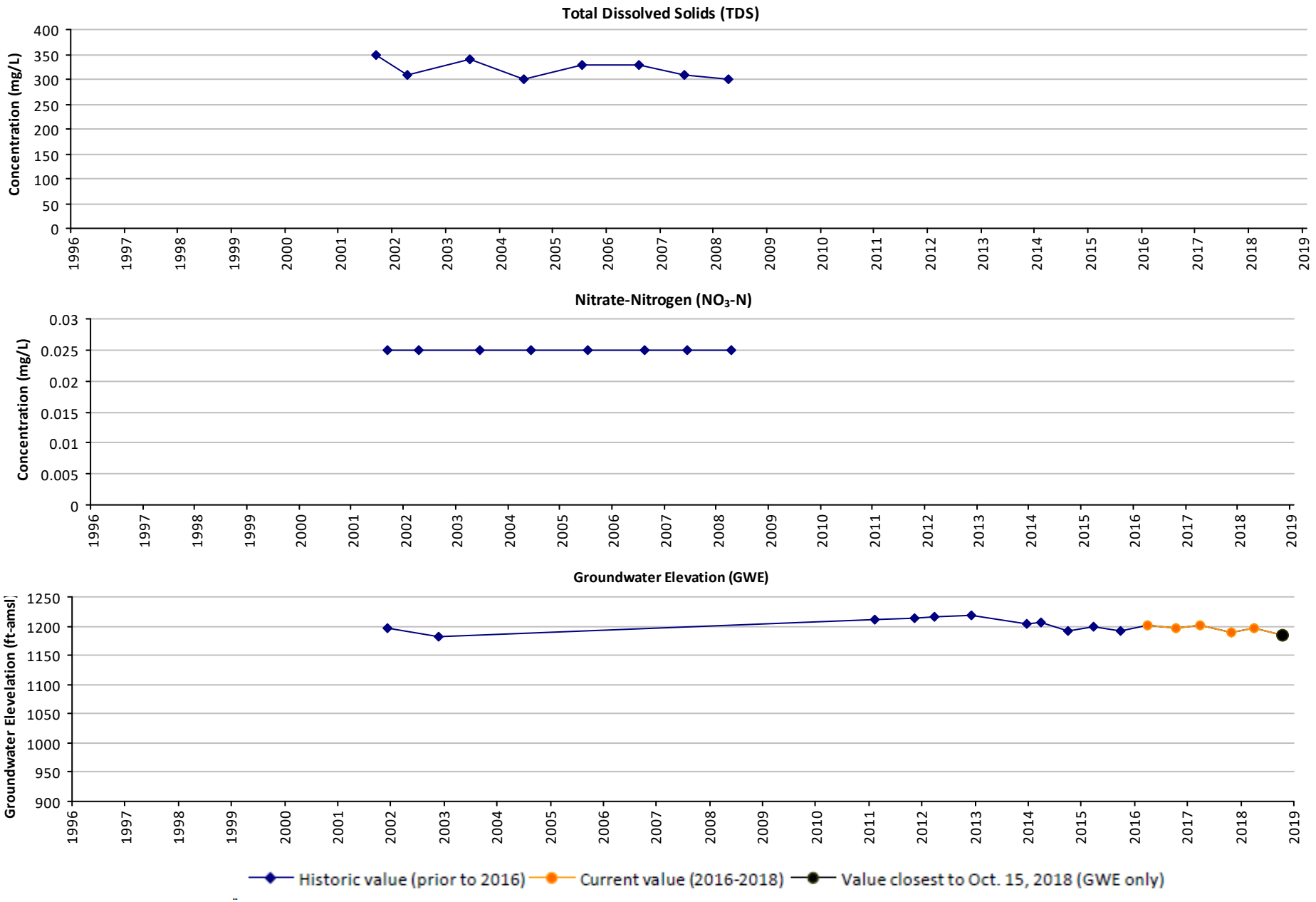
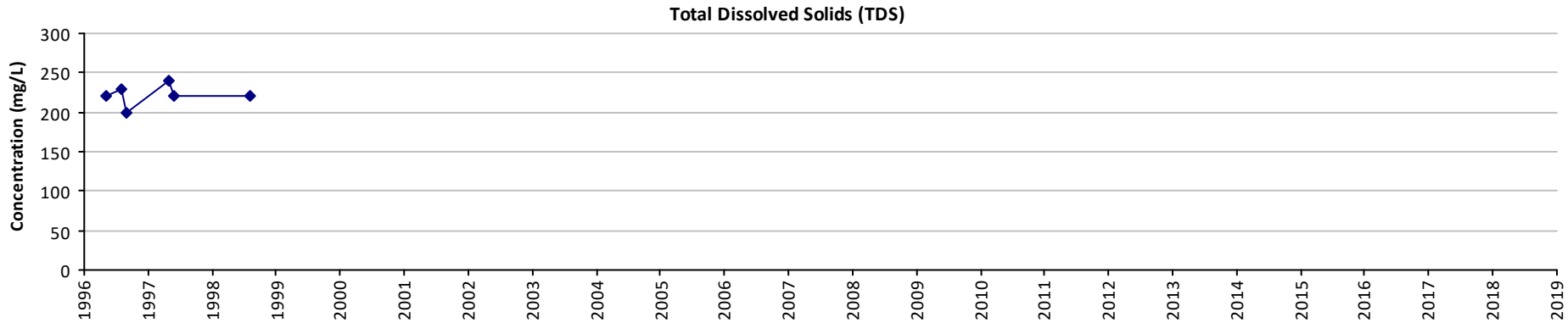
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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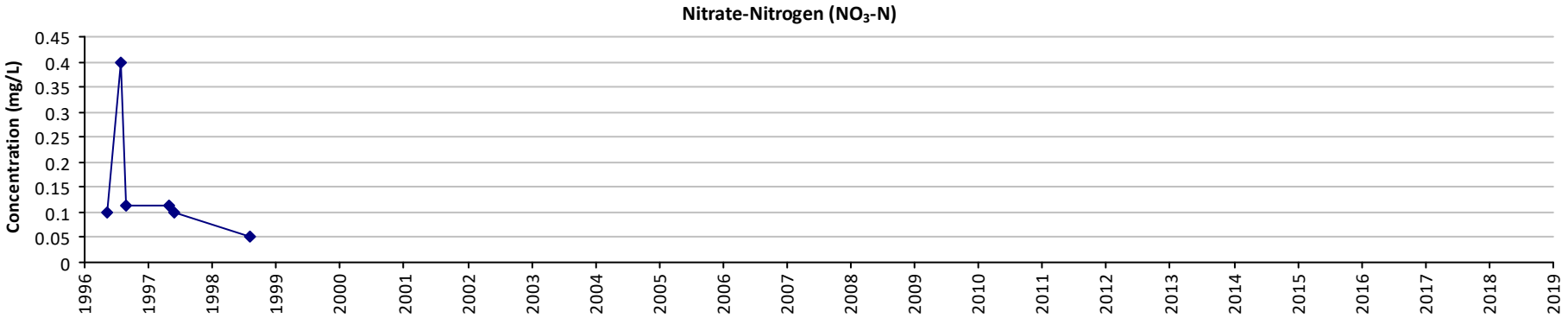
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
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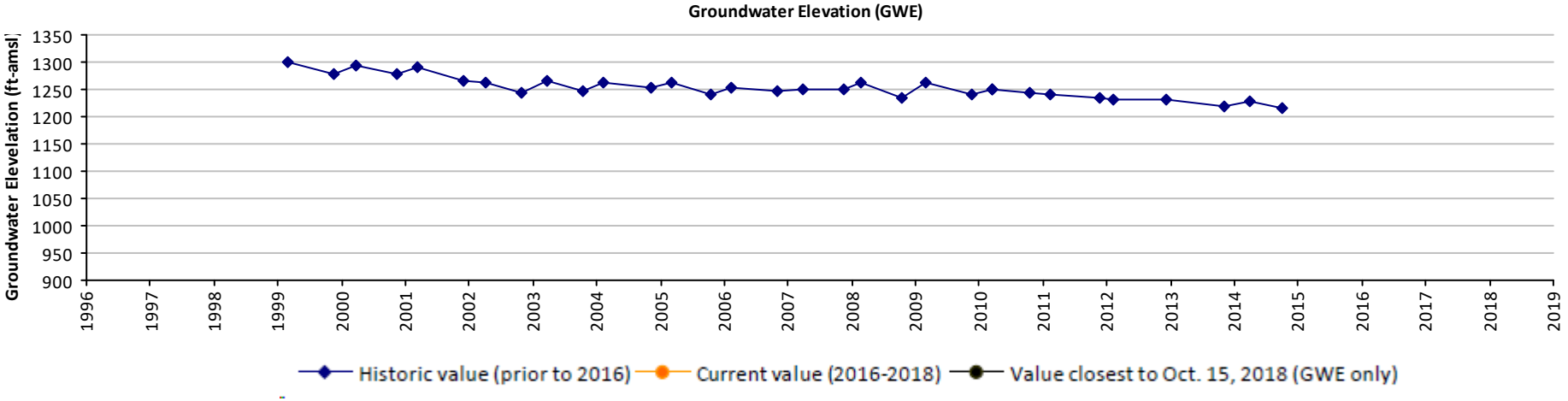
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
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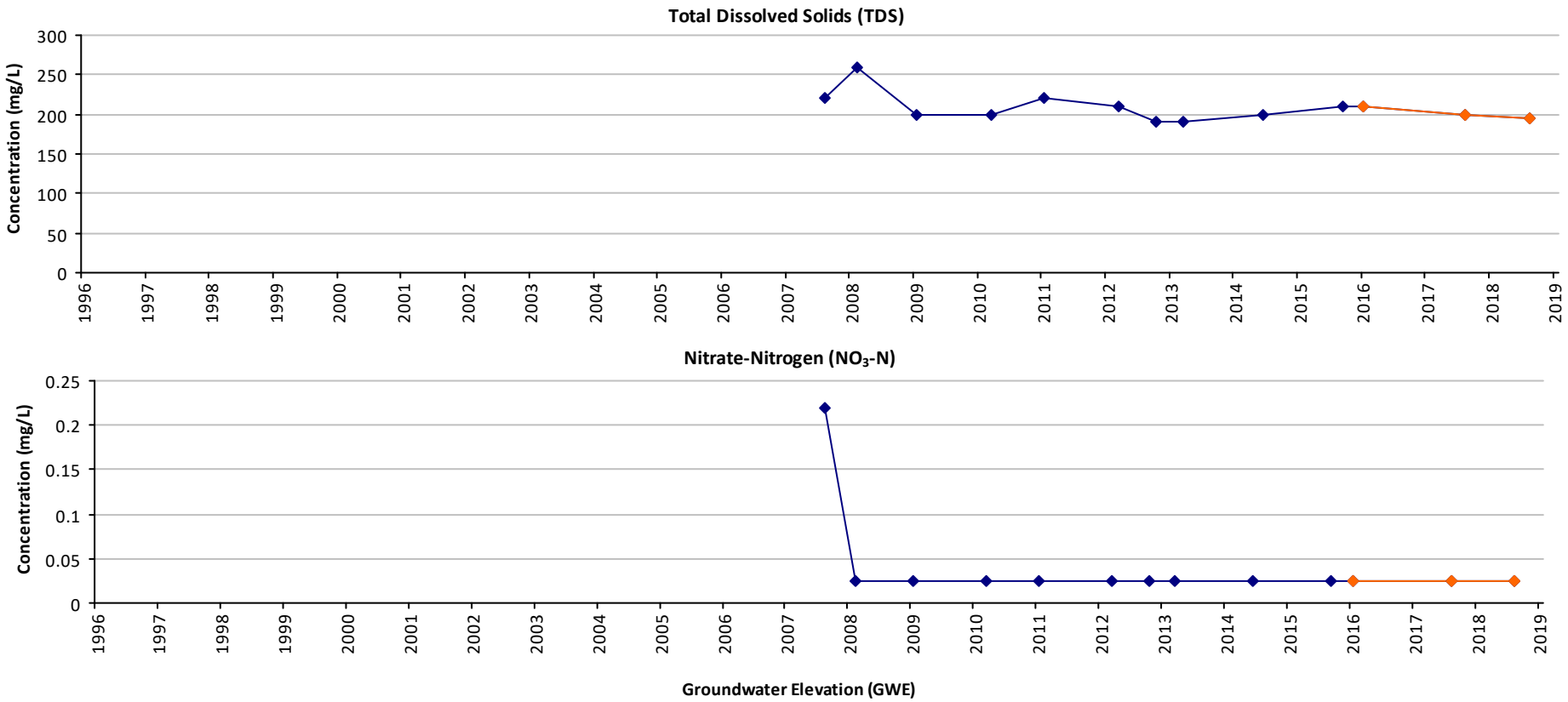
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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2003
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2008
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2010
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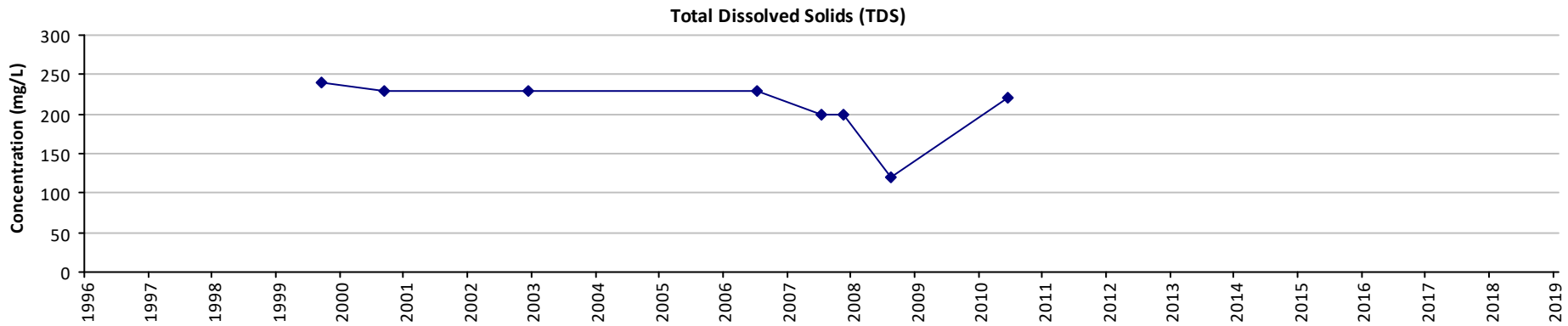
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
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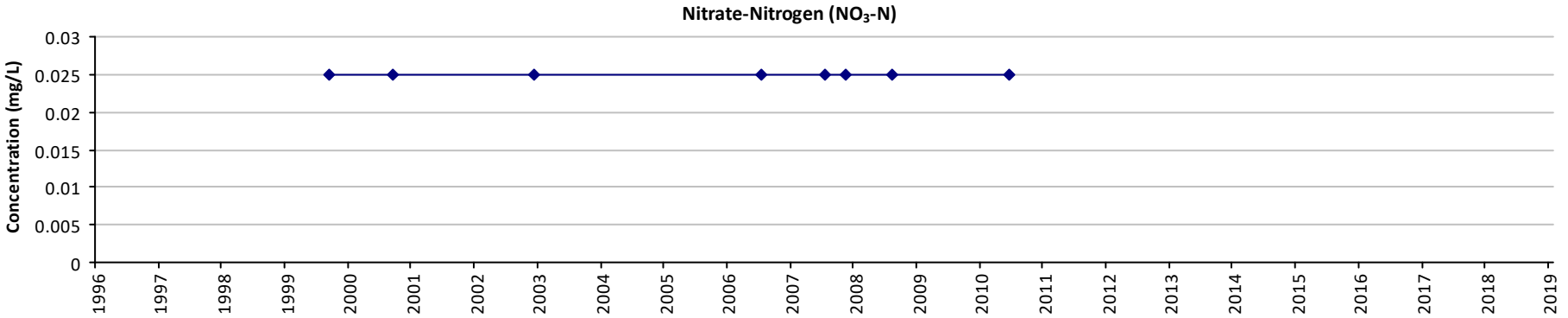
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
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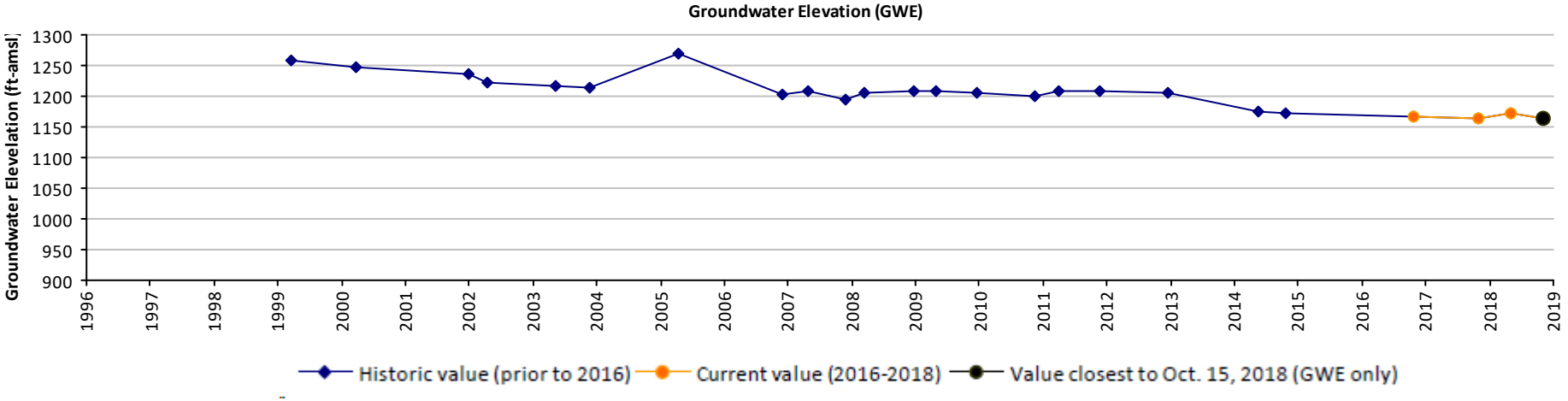
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
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2003
2004
2005
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2010
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2015
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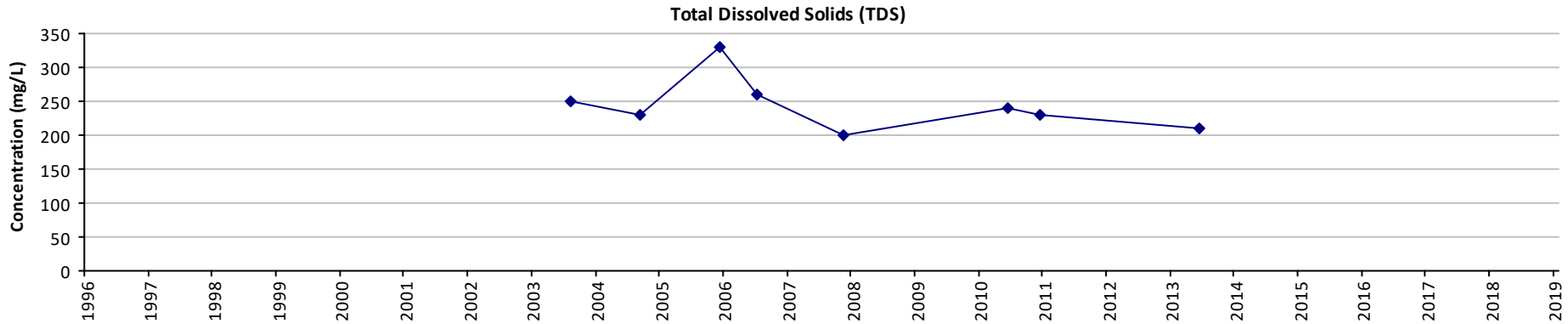
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
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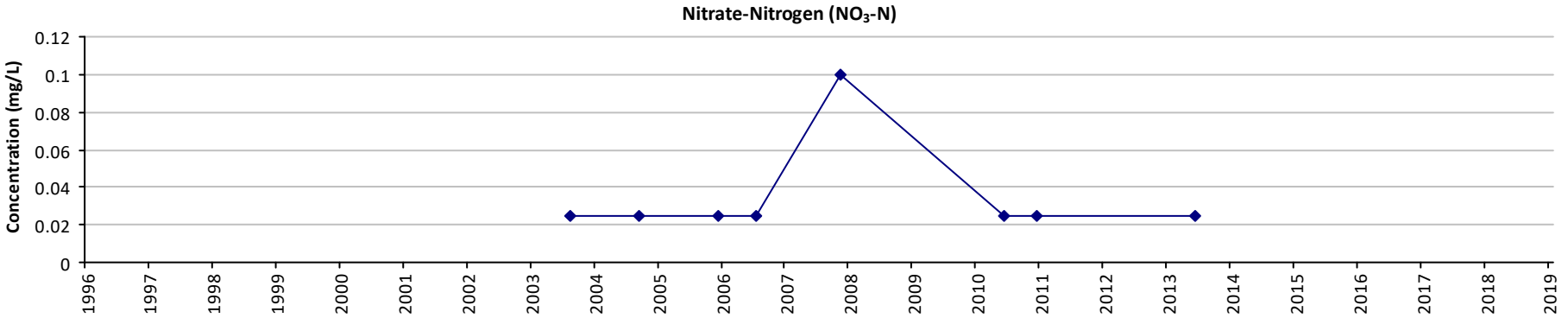
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.02
0.04
0.06
0.08
0.1
0.12
1996
1997
1998
1999
2000
2001
2002
2003
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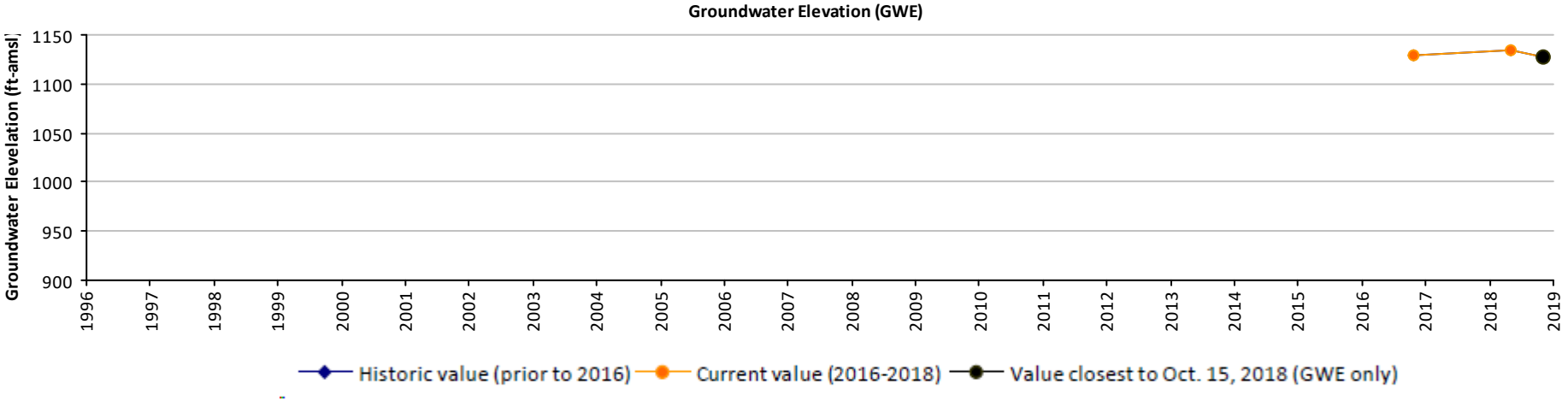
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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2009
2010
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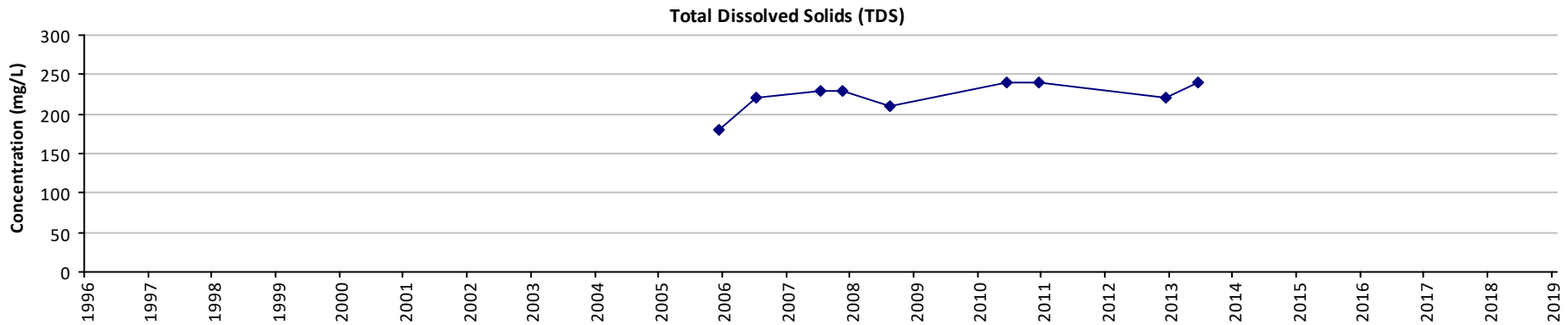
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
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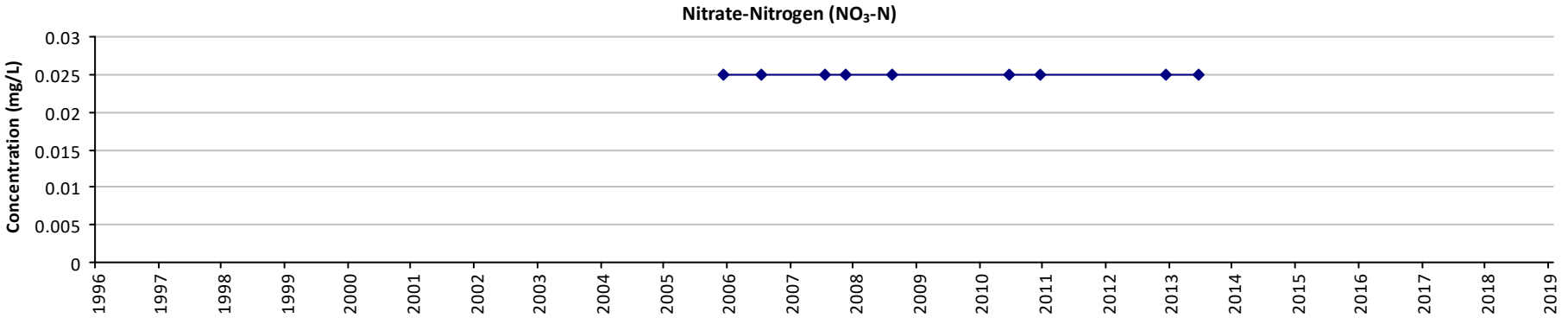
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
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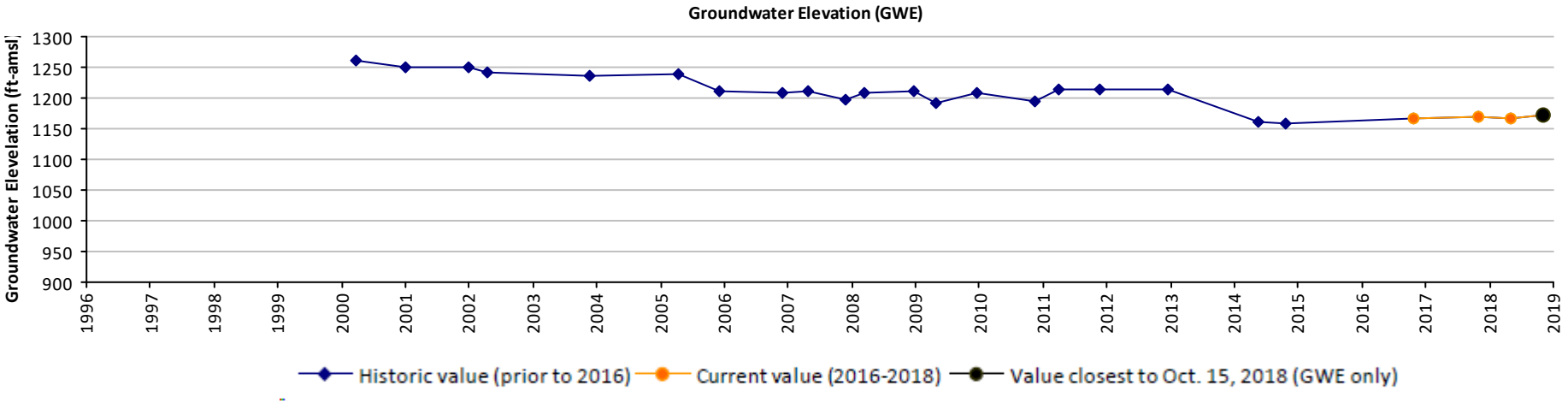
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
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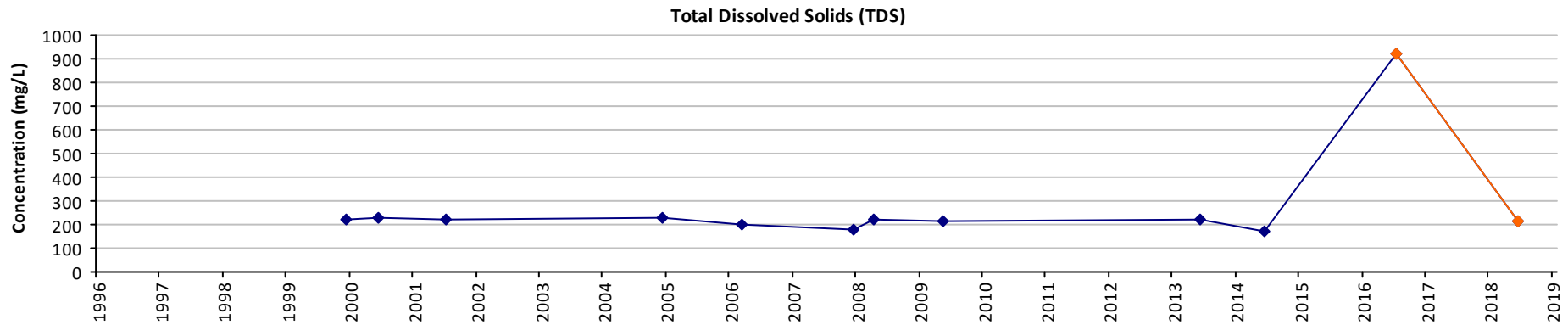
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
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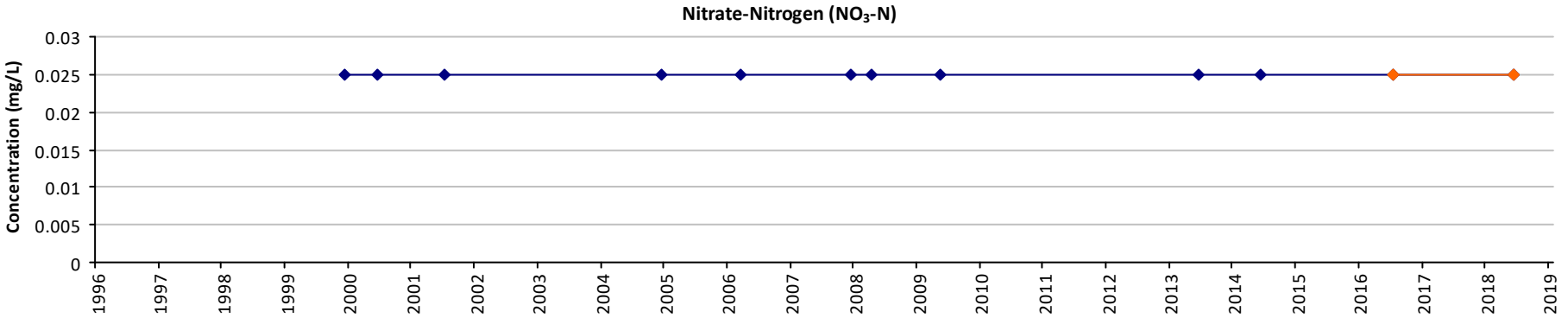
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
1996
1997
1998
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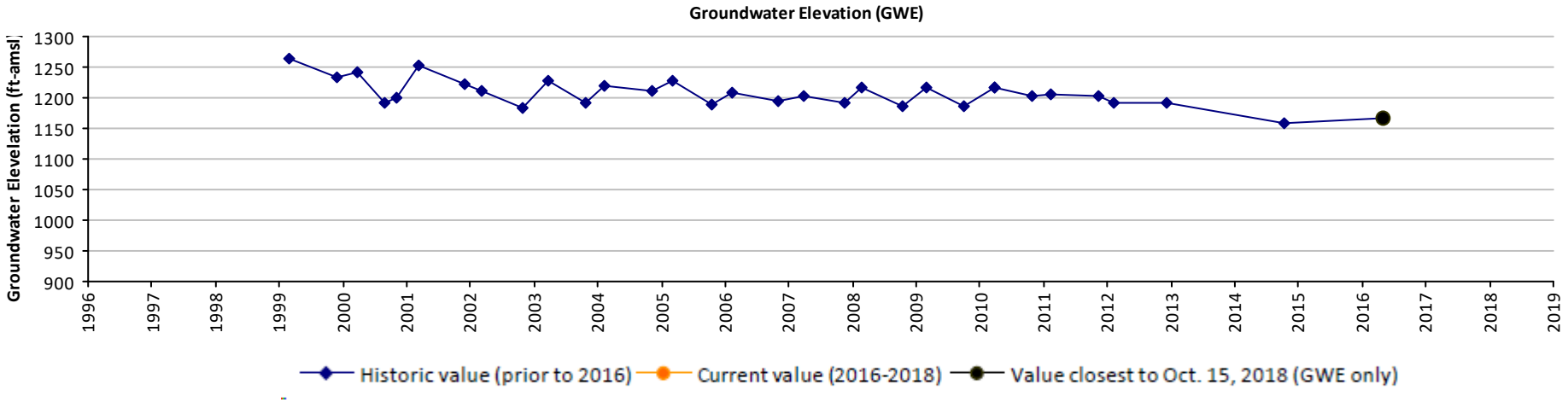
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
1300
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2014
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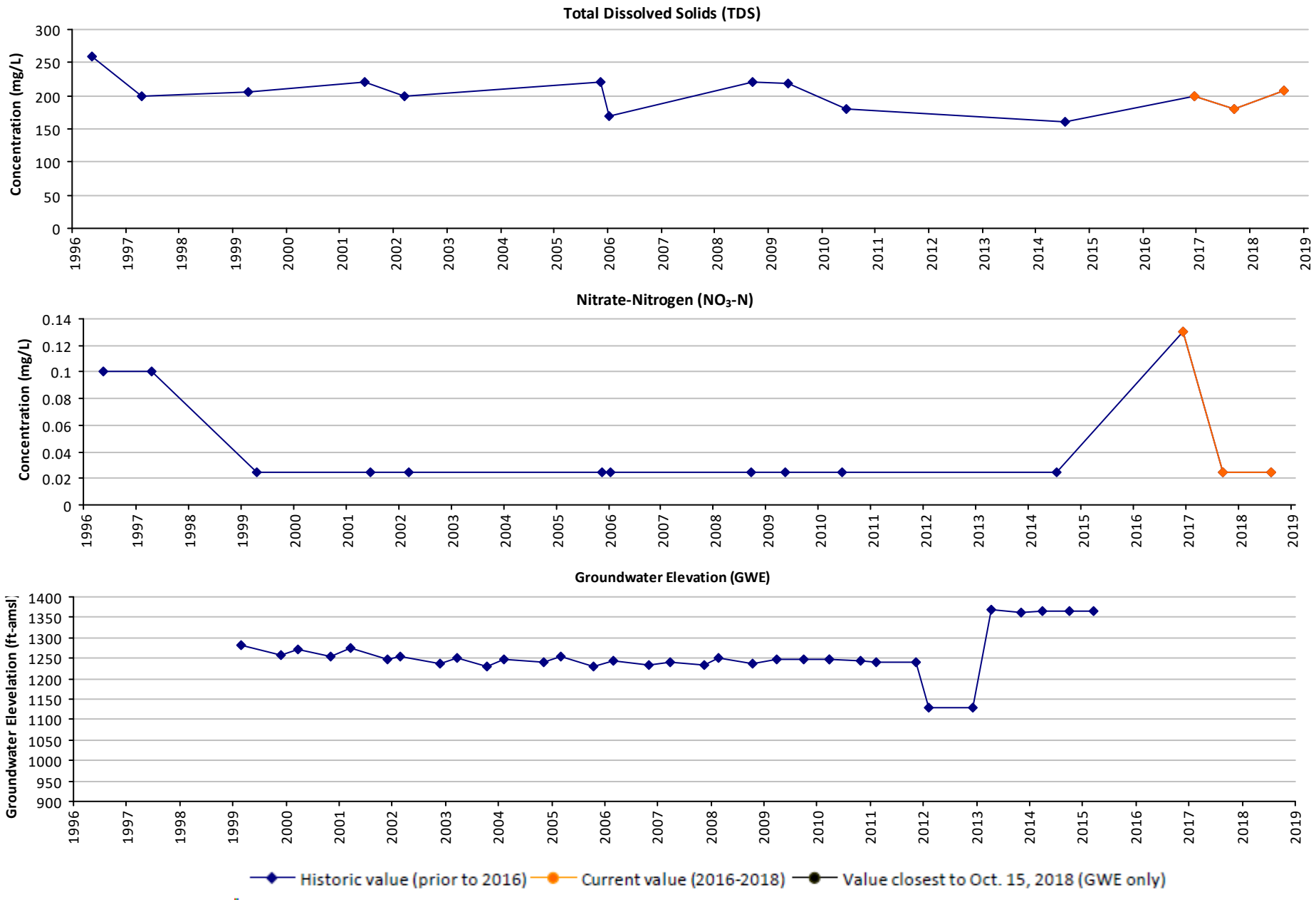
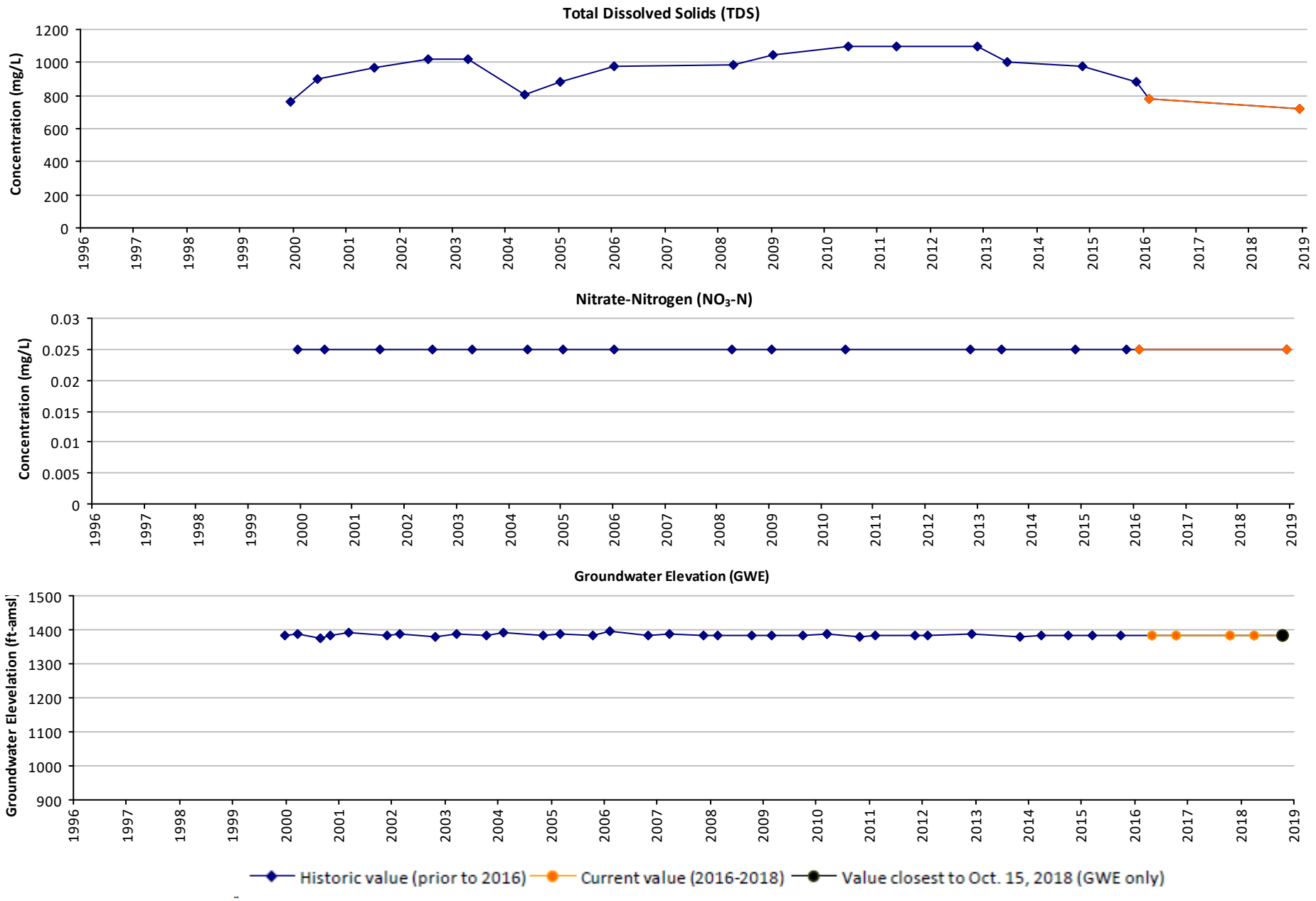
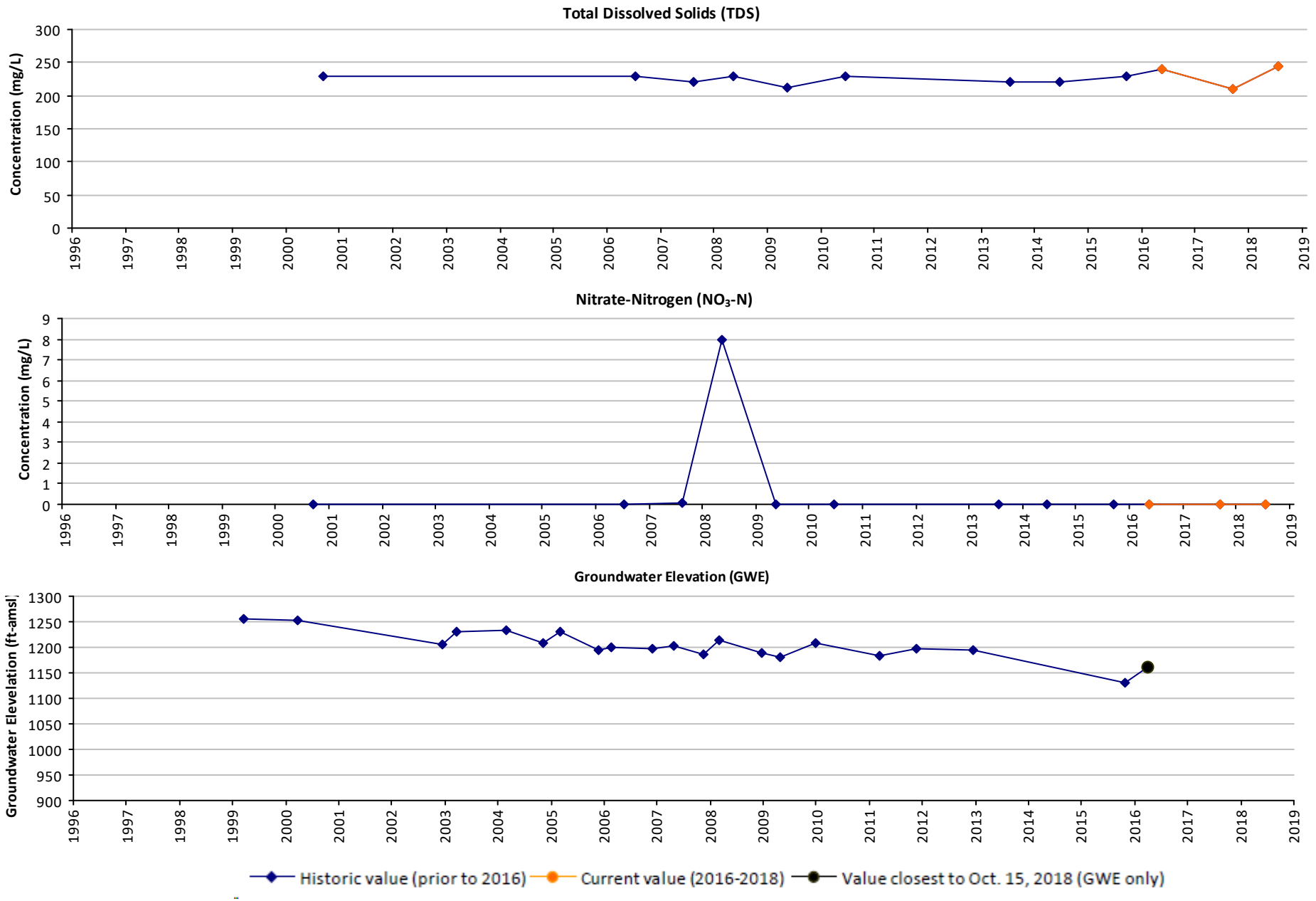
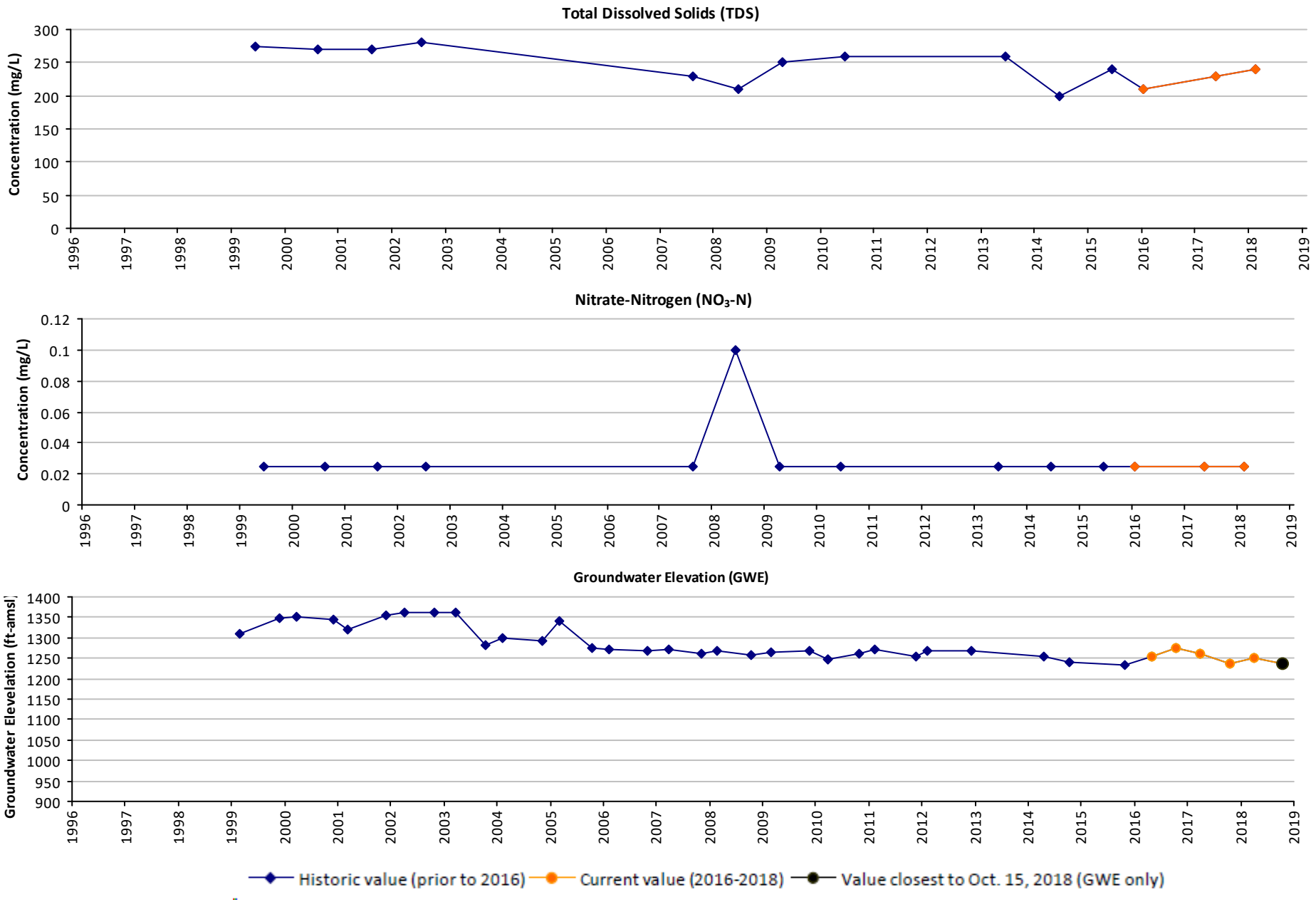
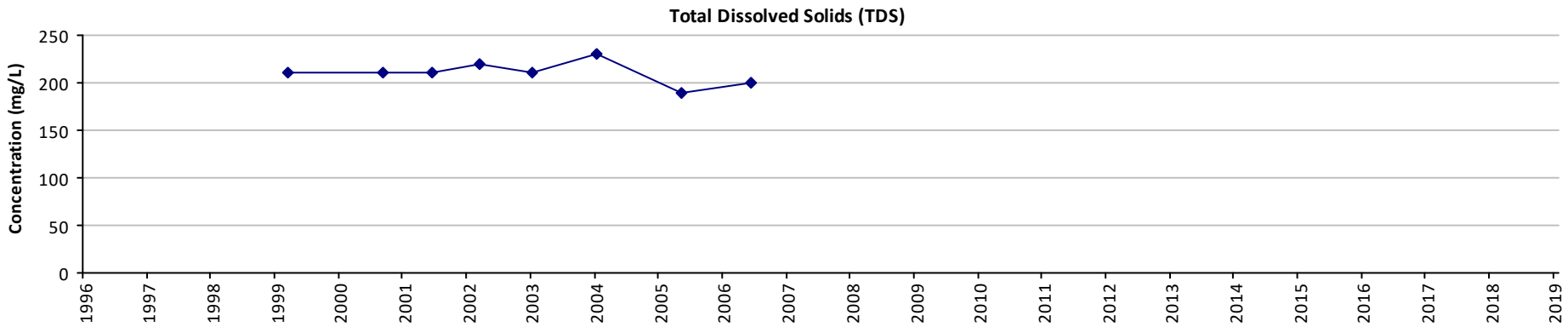
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
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1996
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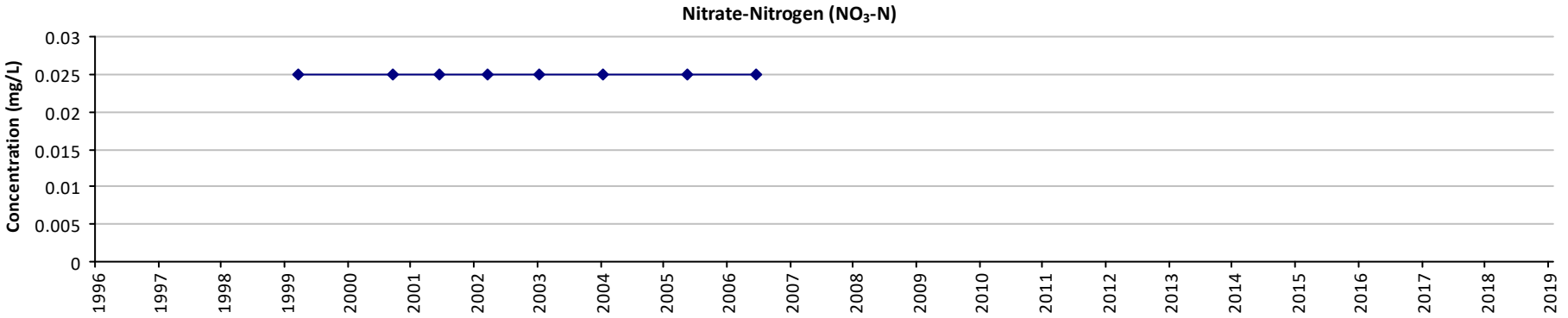
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
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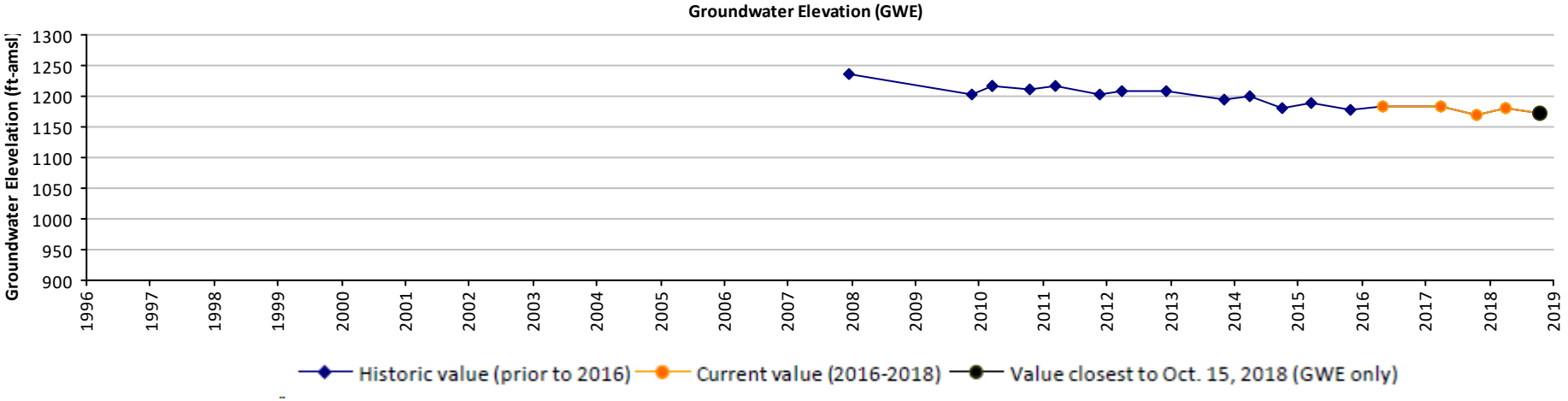
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1250
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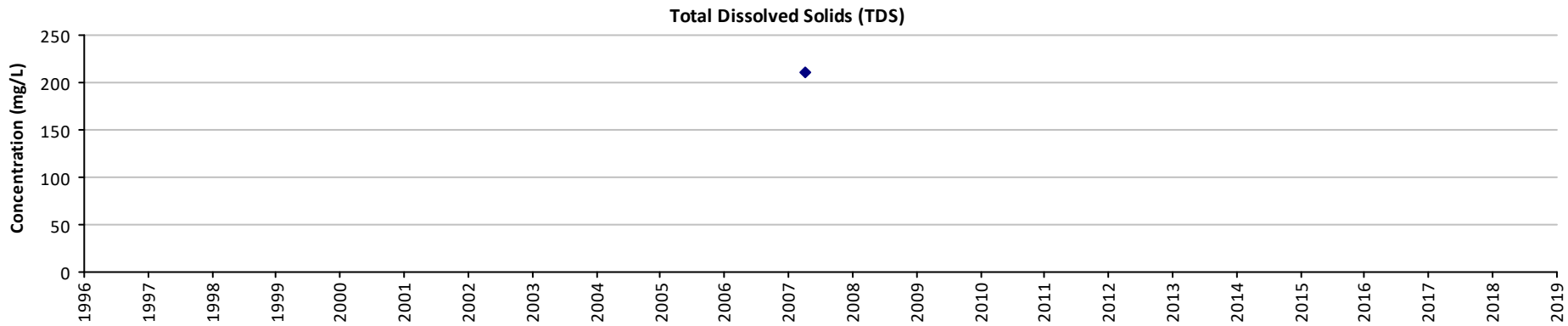
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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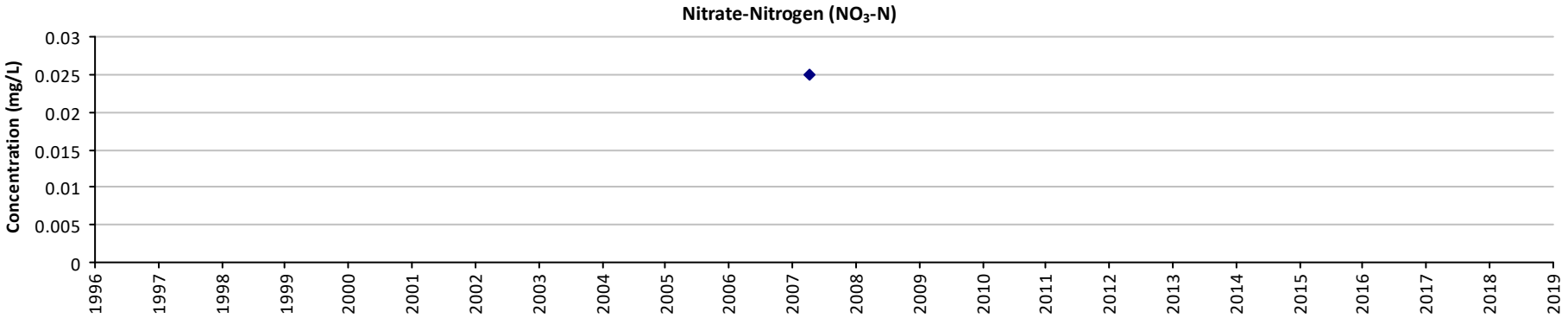
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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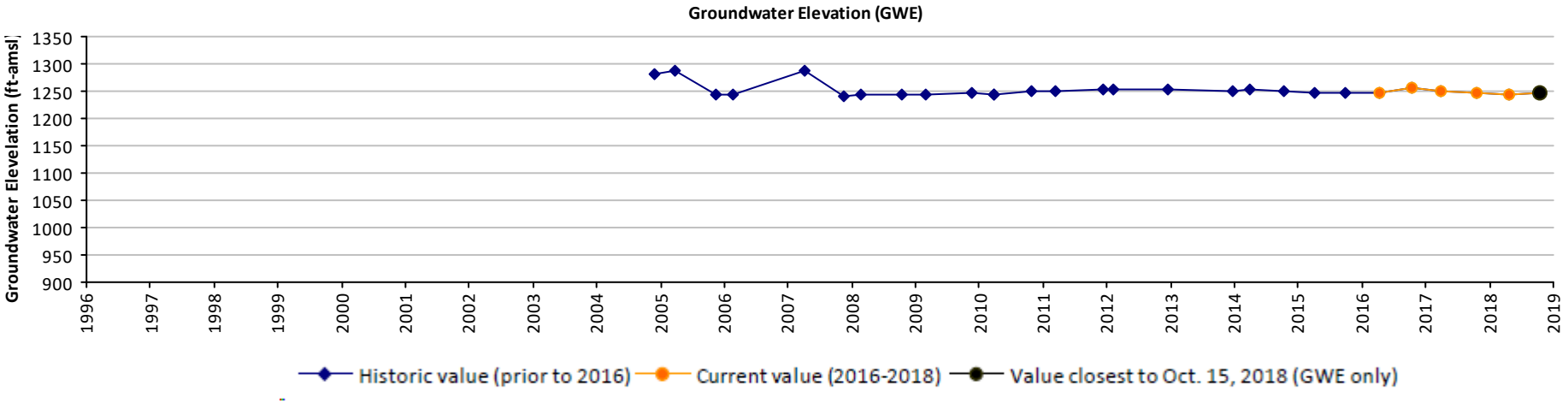
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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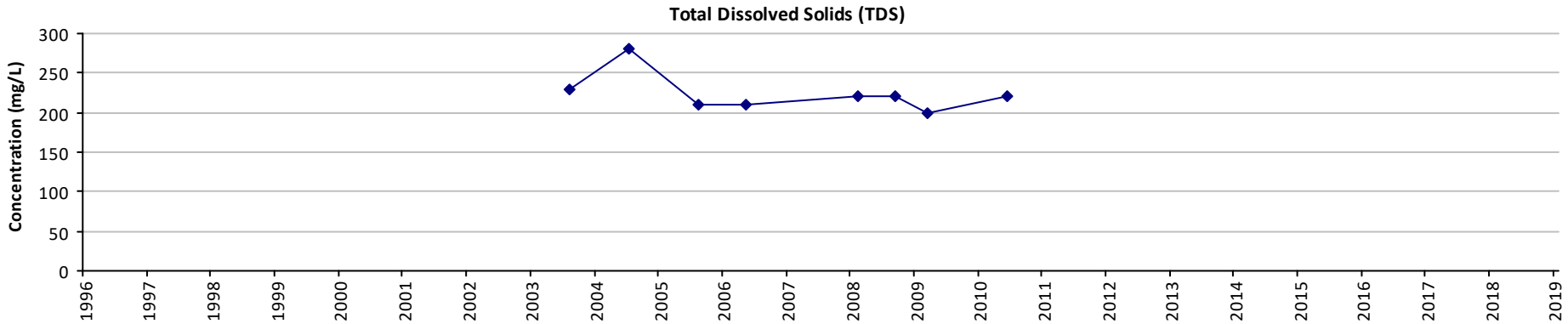
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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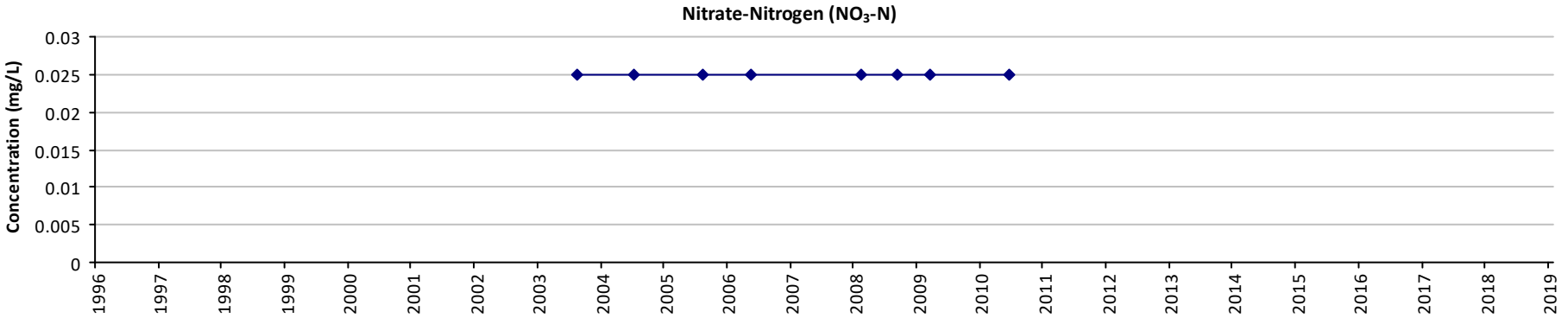
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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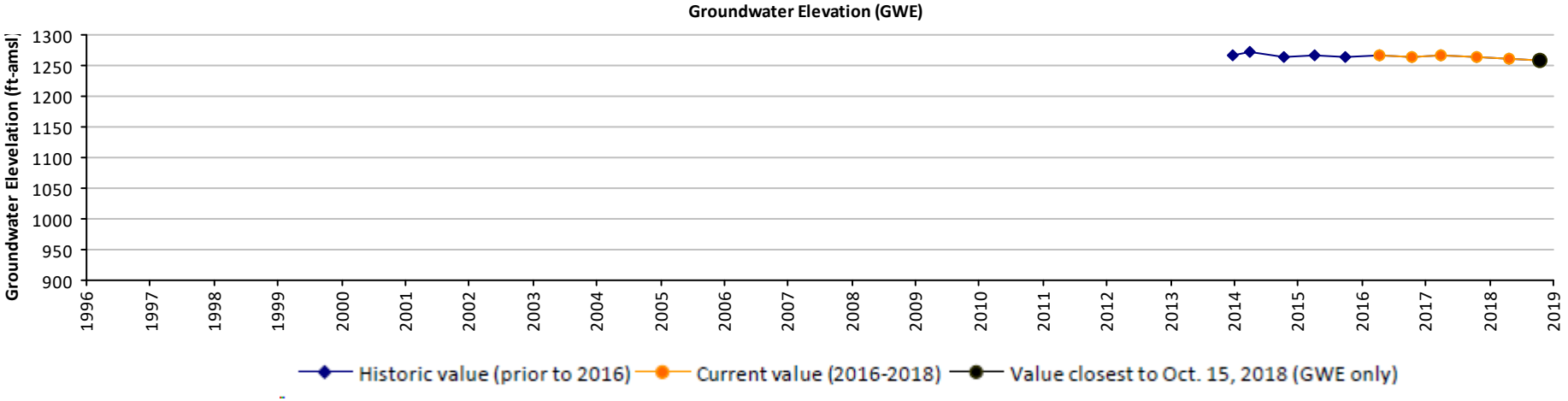
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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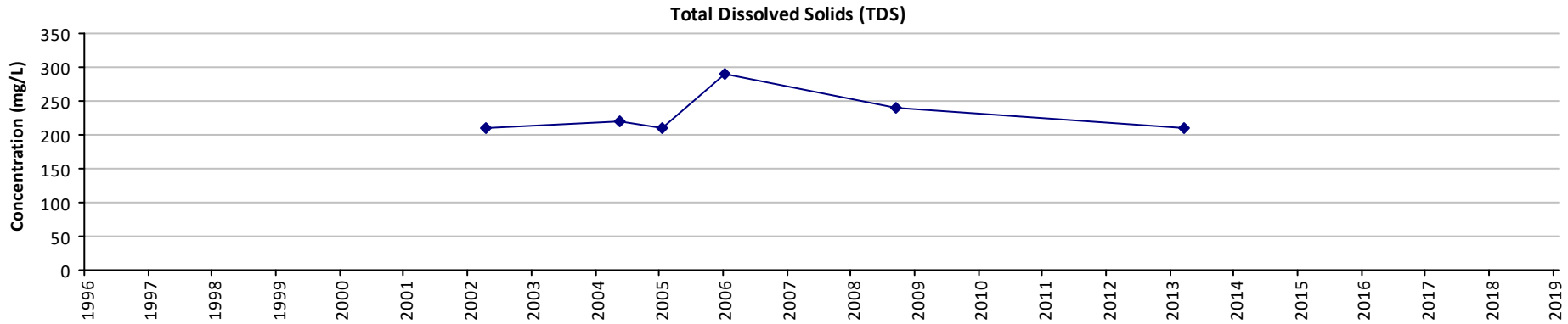
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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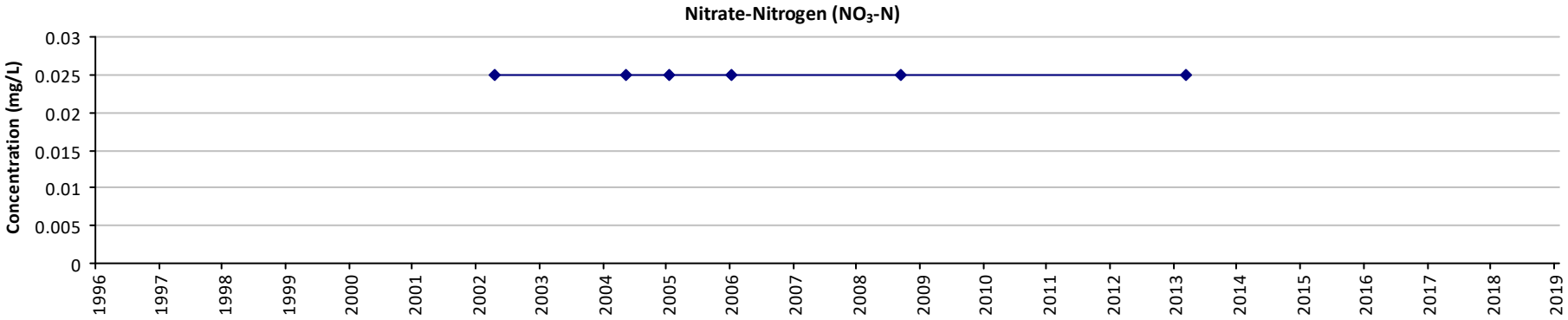
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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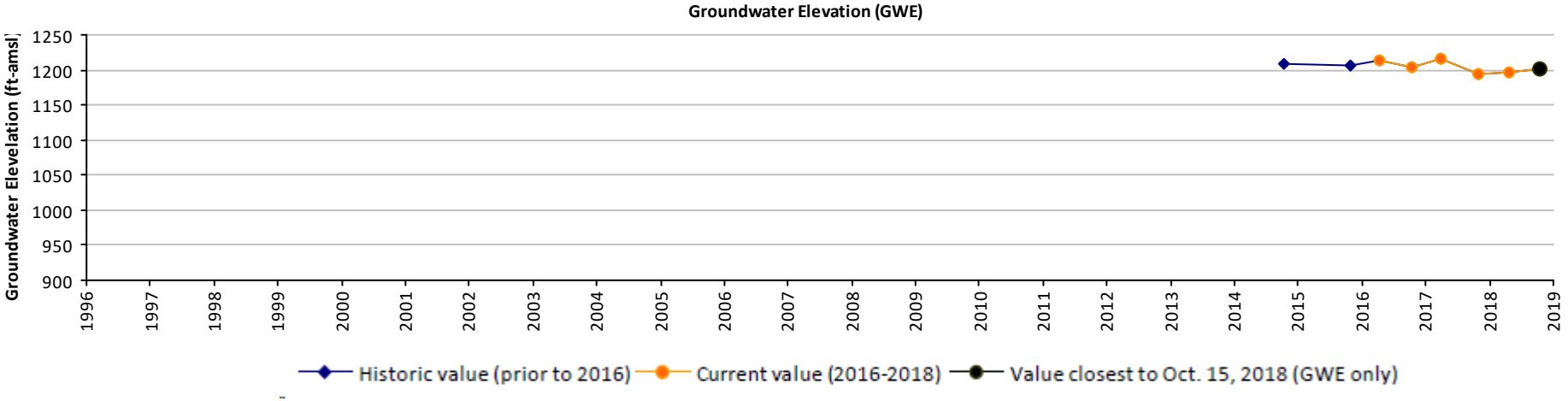
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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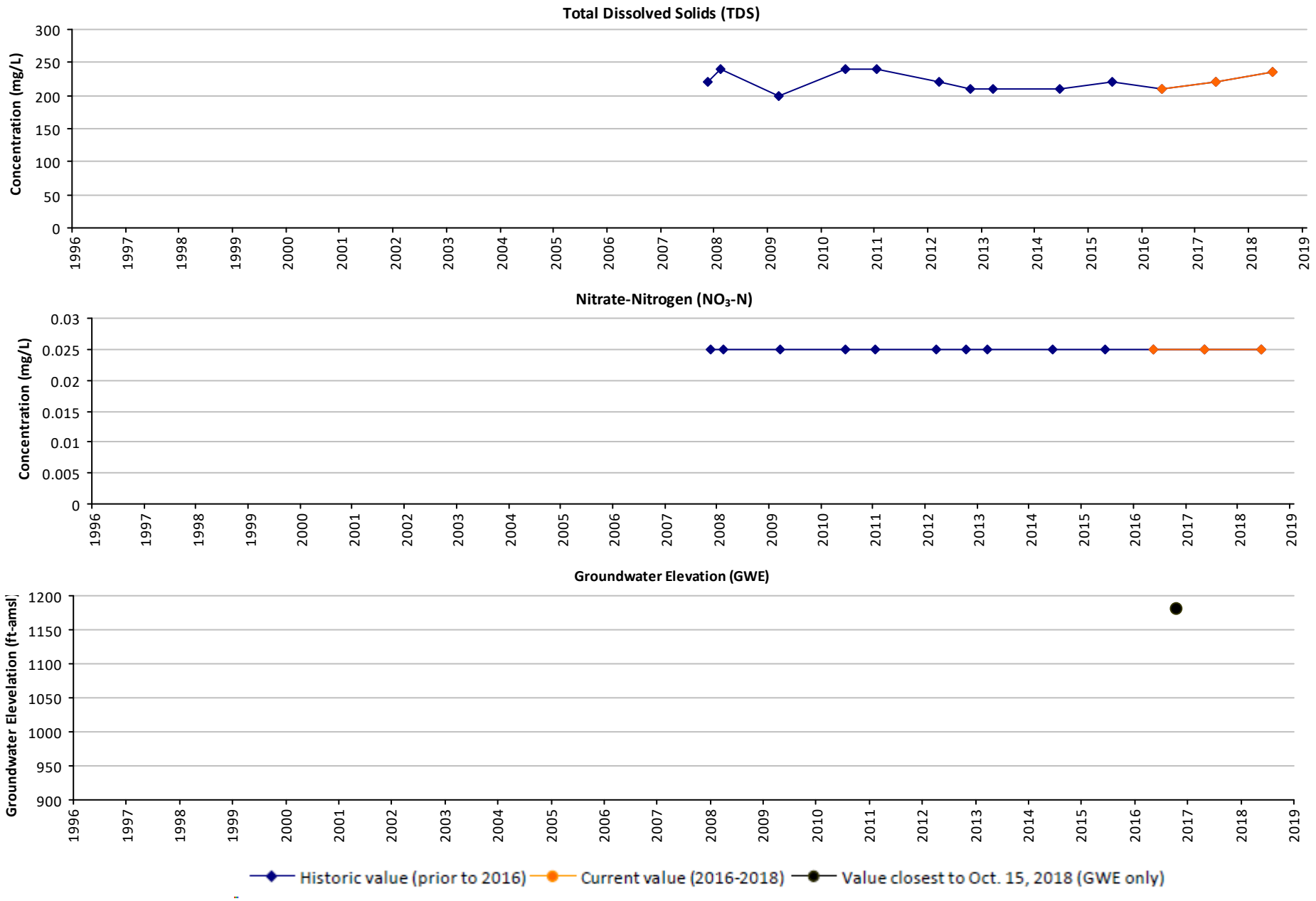
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
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150
100
50
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1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
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950
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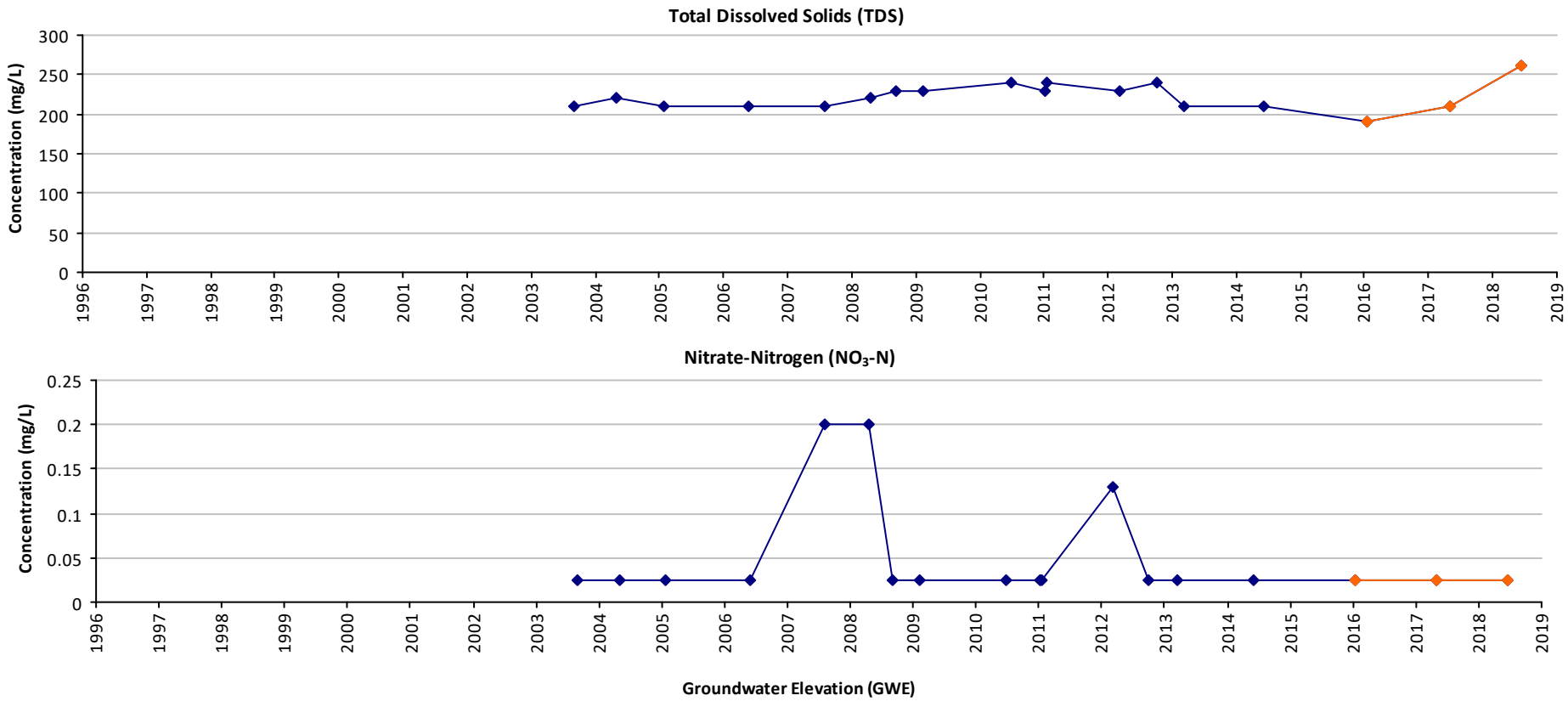
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
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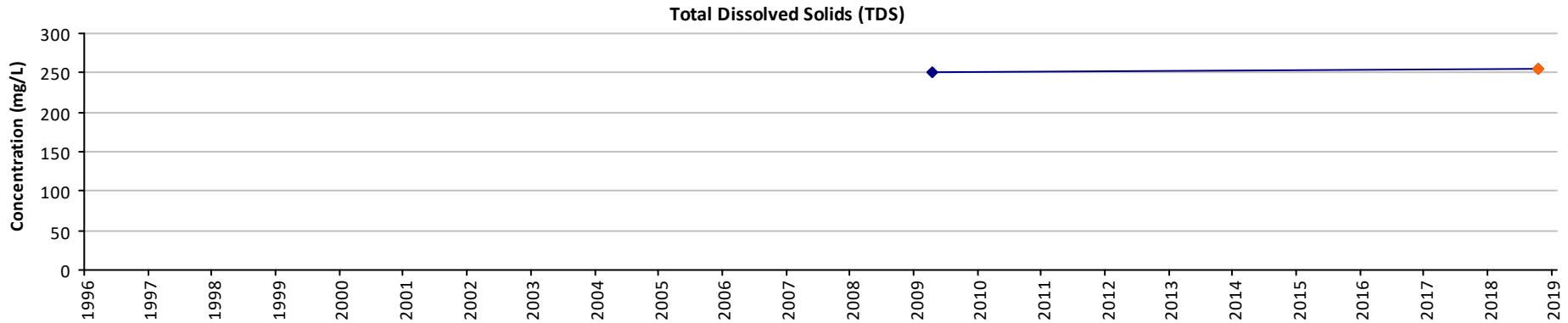
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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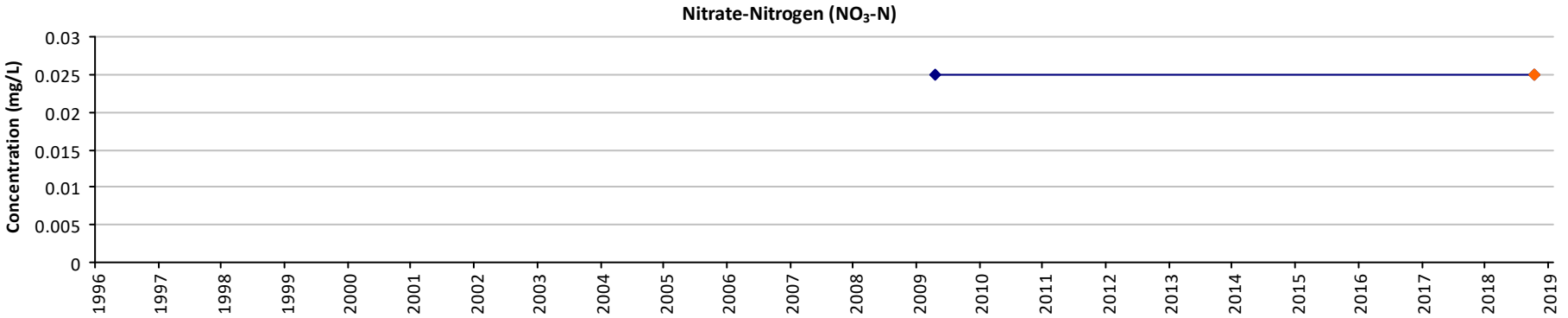
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
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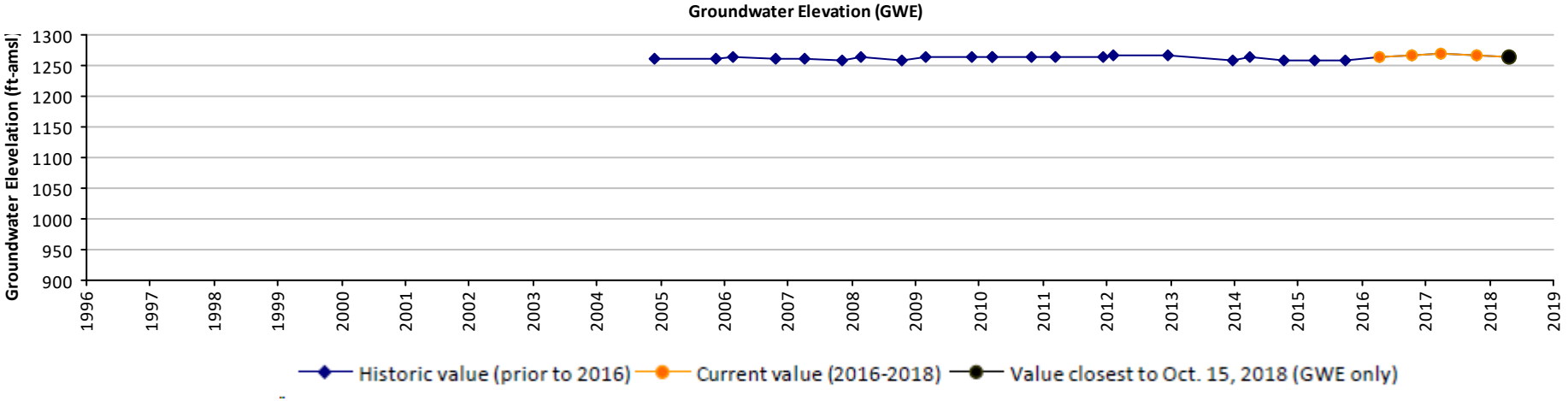
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
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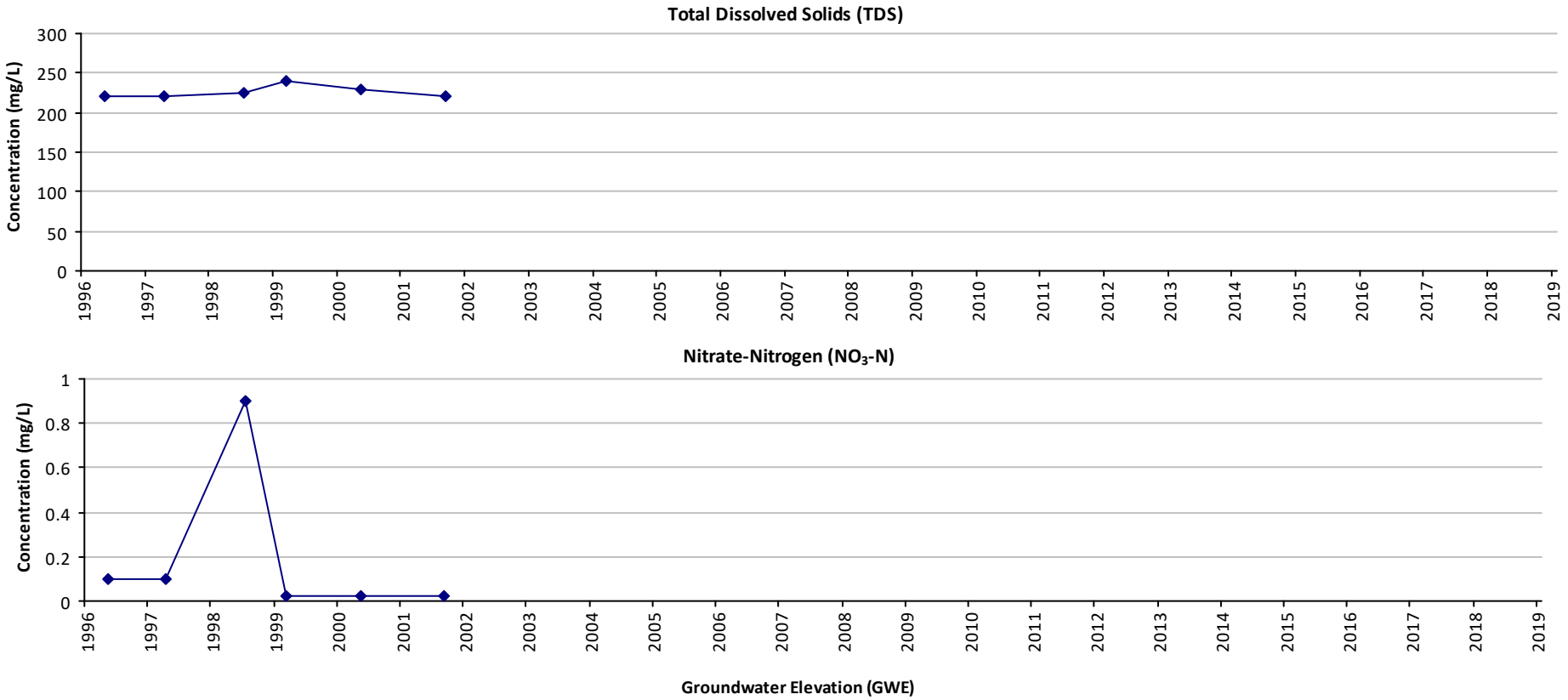
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
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150
100
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1996
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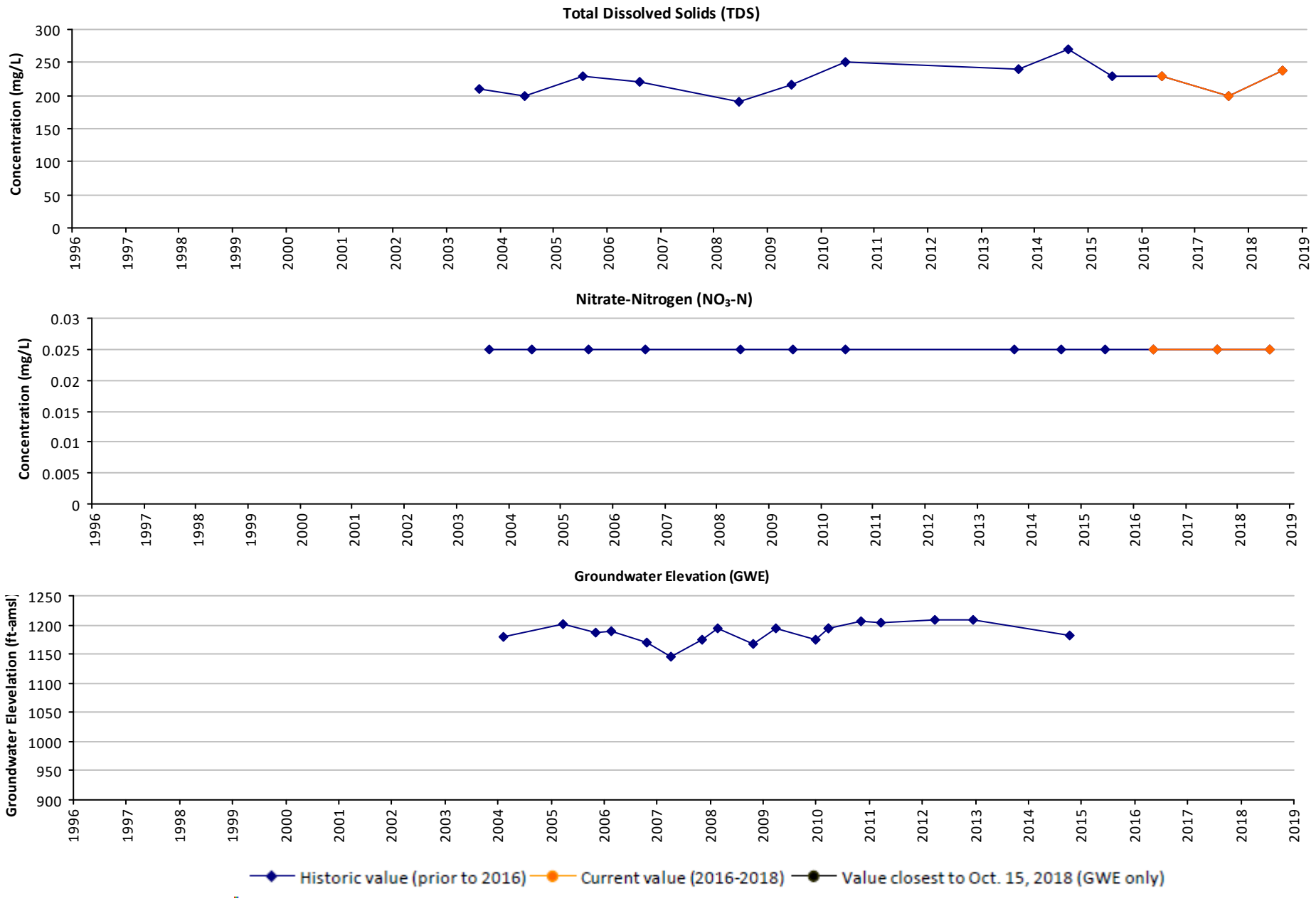
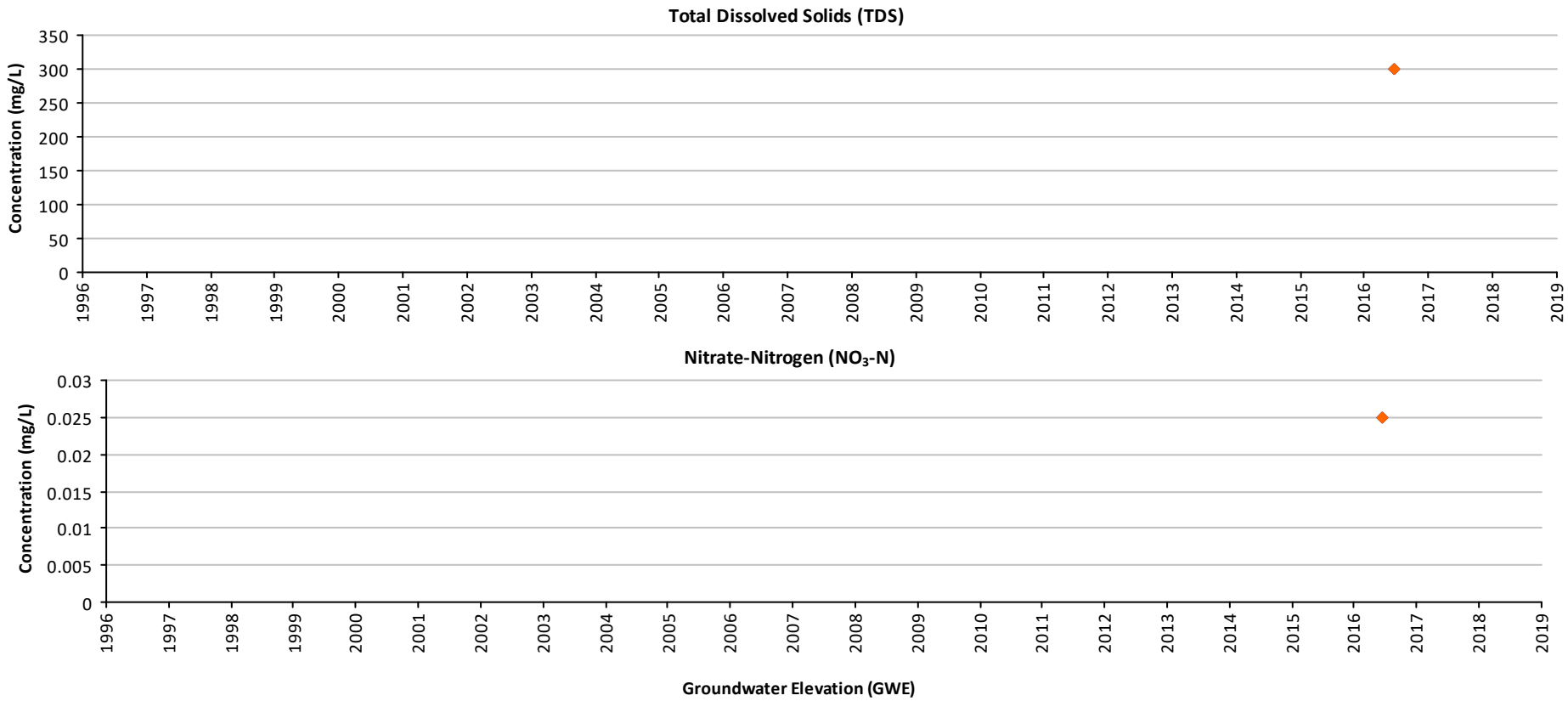
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
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200
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Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
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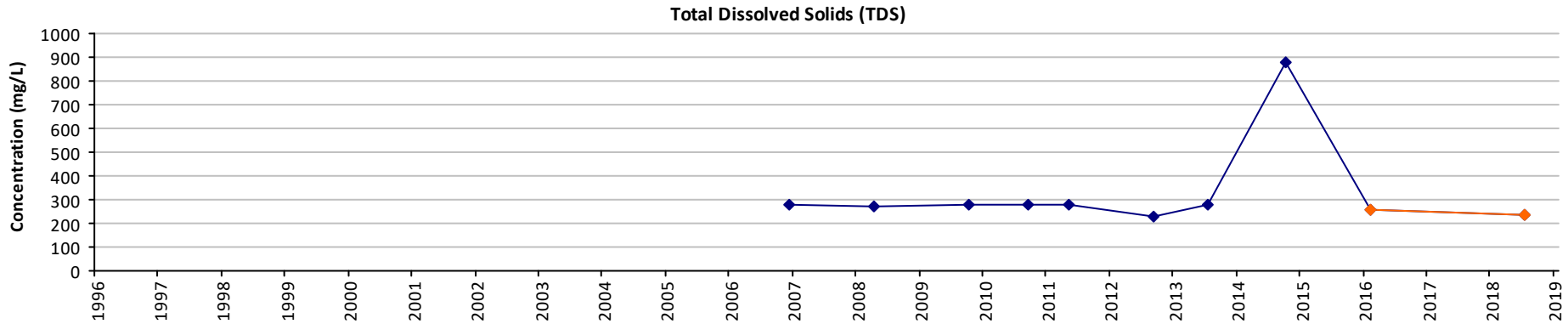
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
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700
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300
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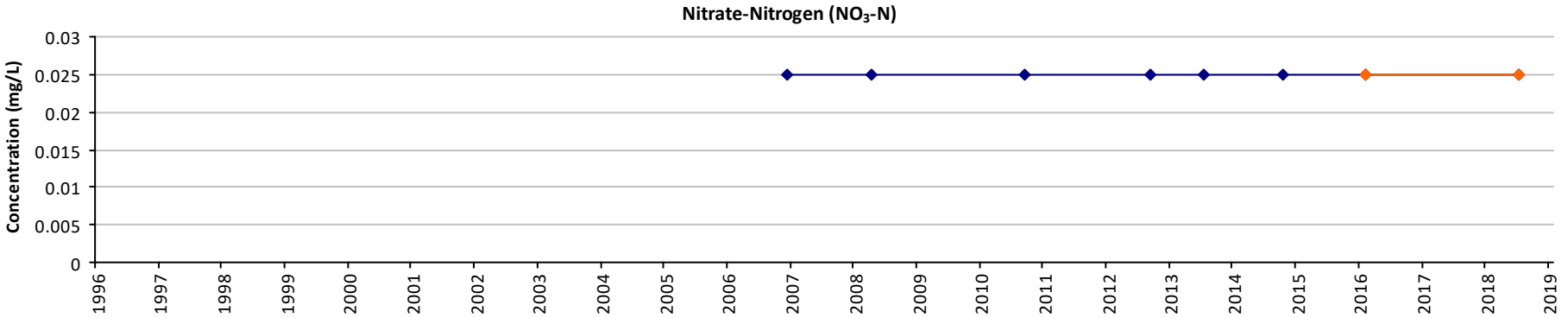
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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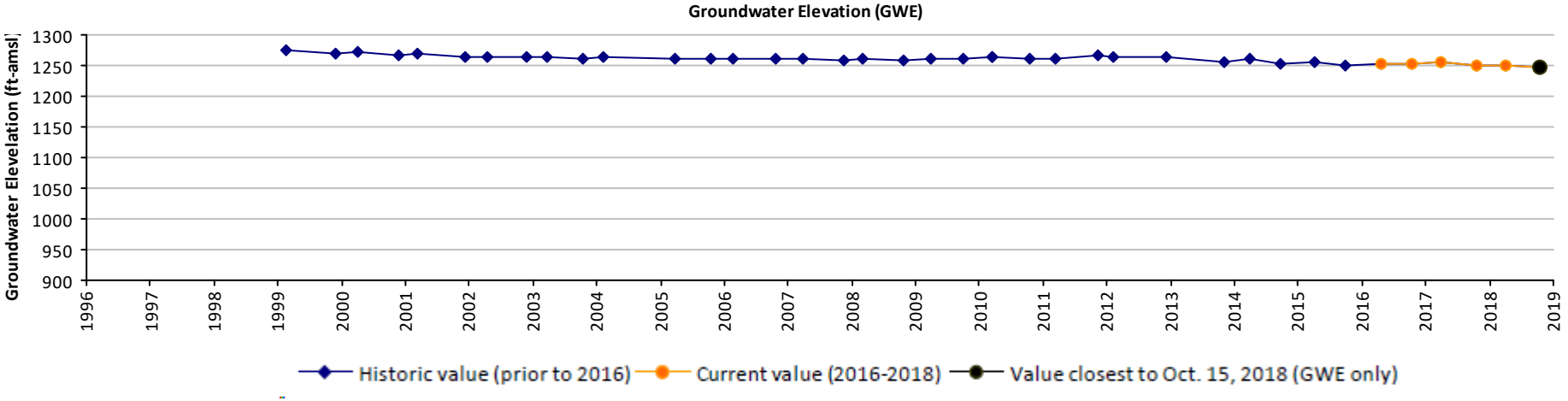
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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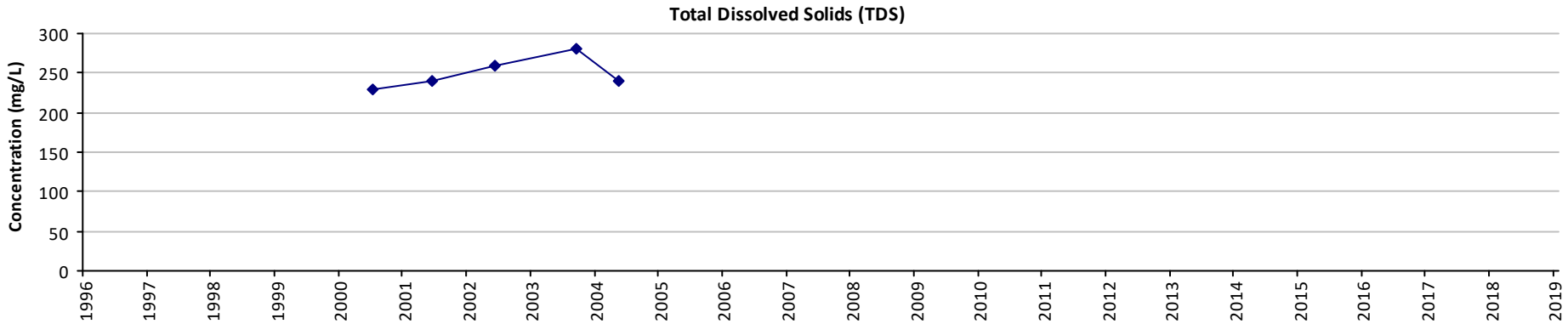
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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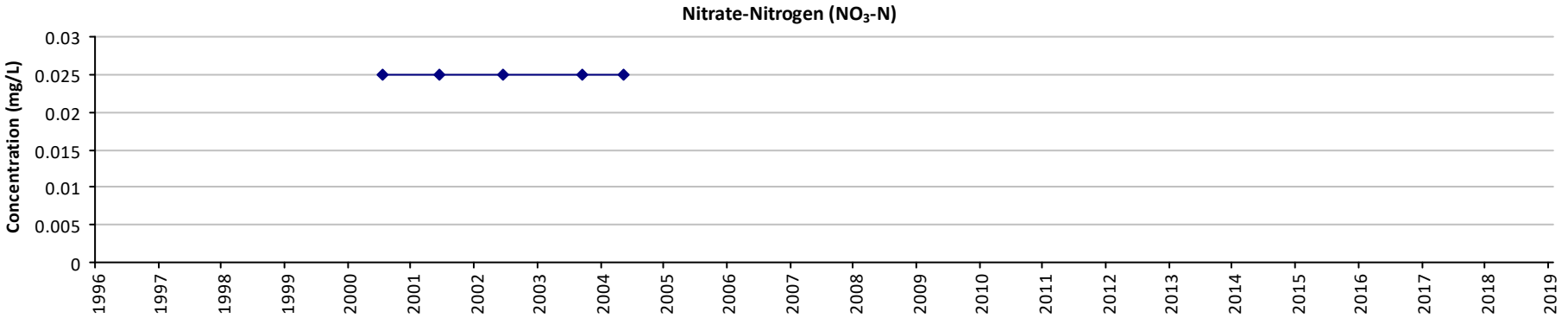
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
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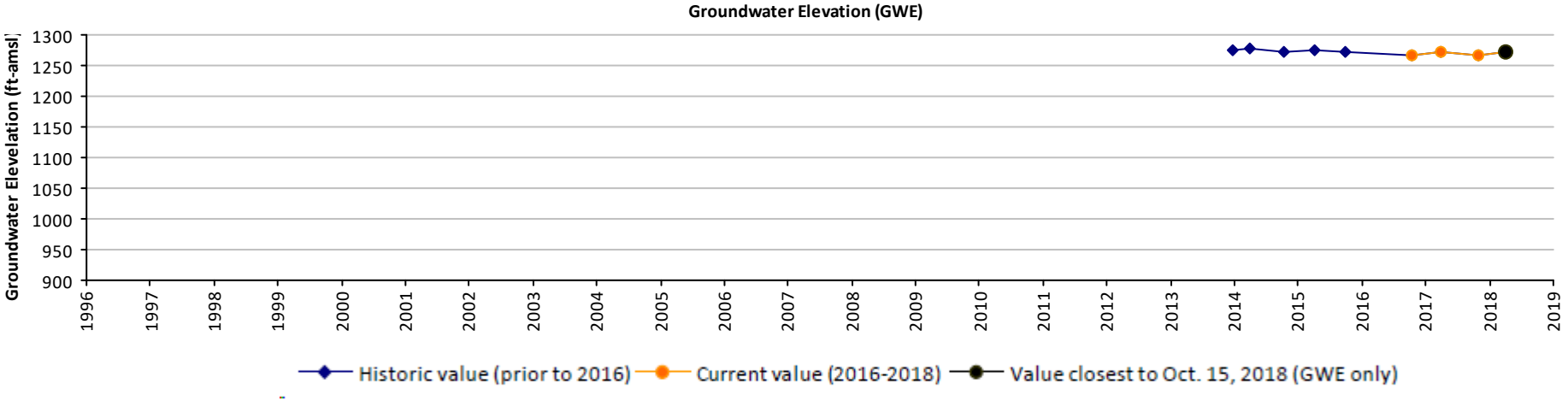
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
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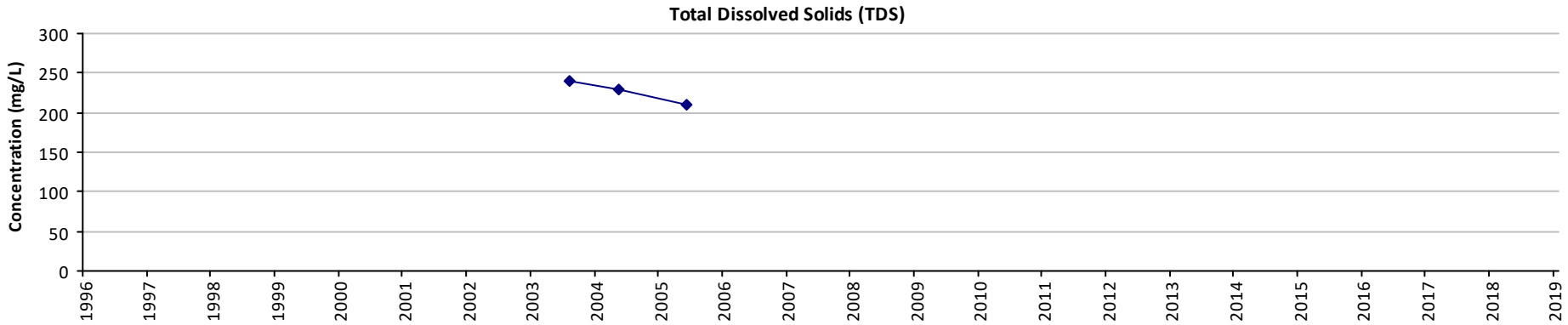
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
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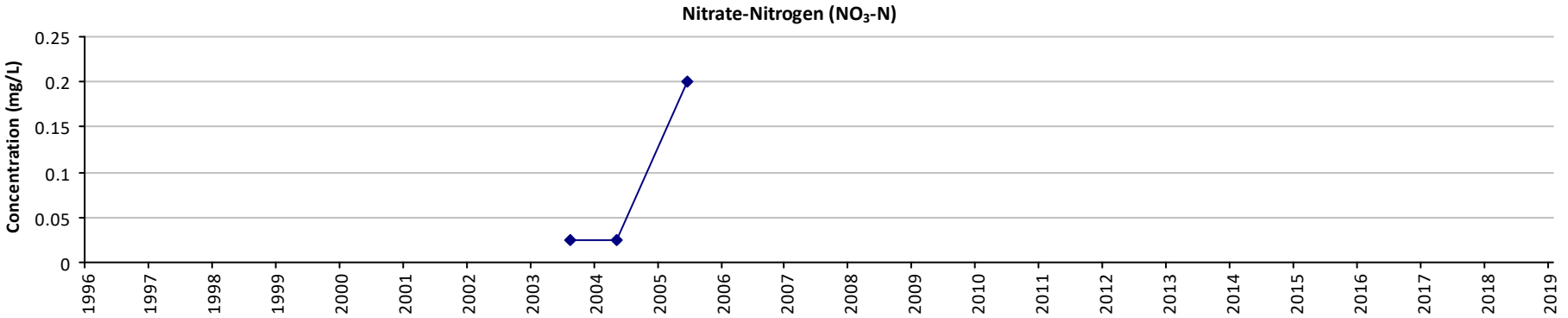
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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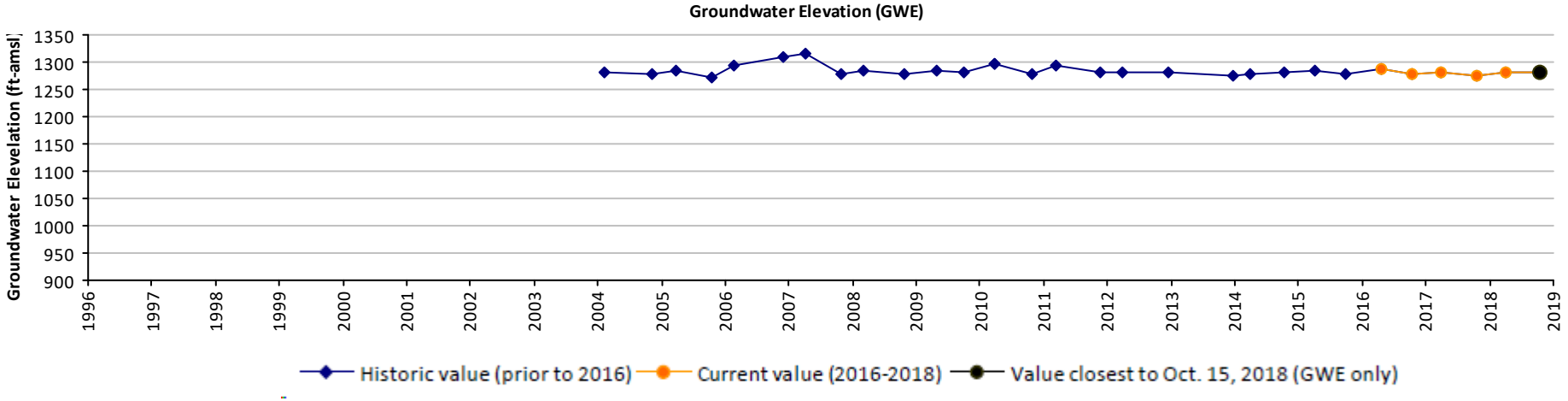
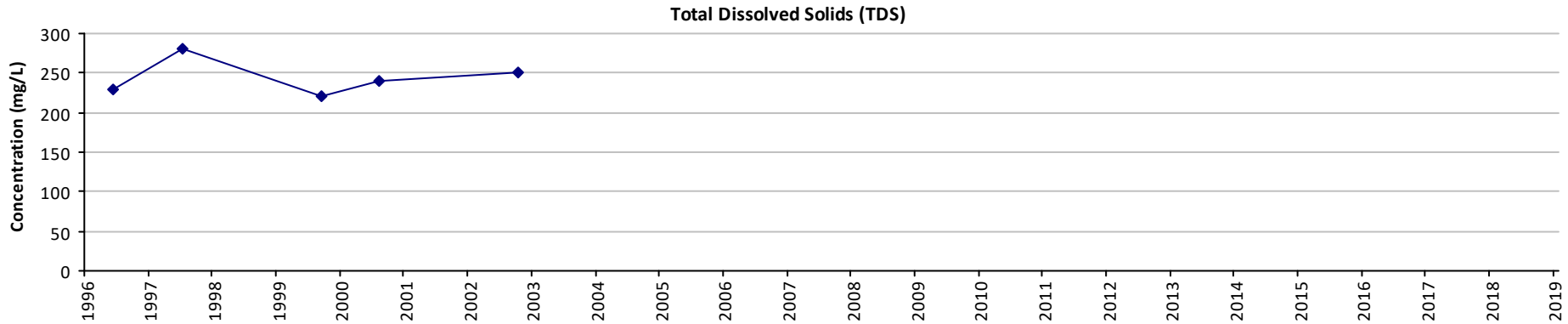
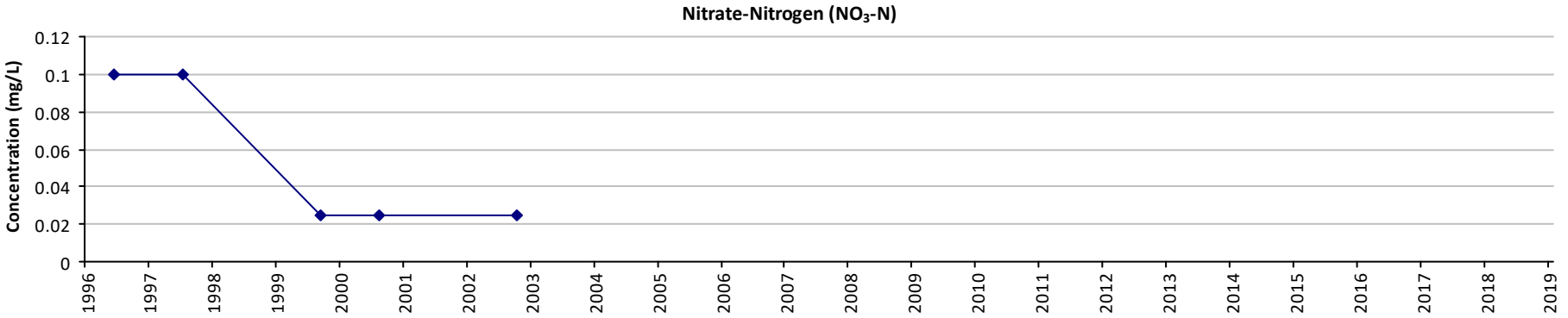
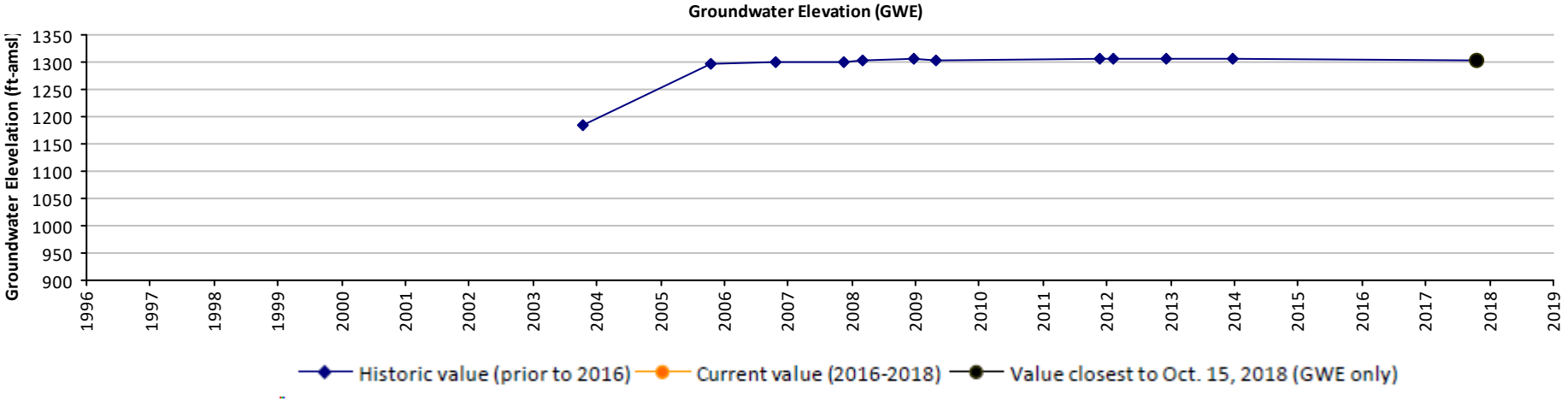
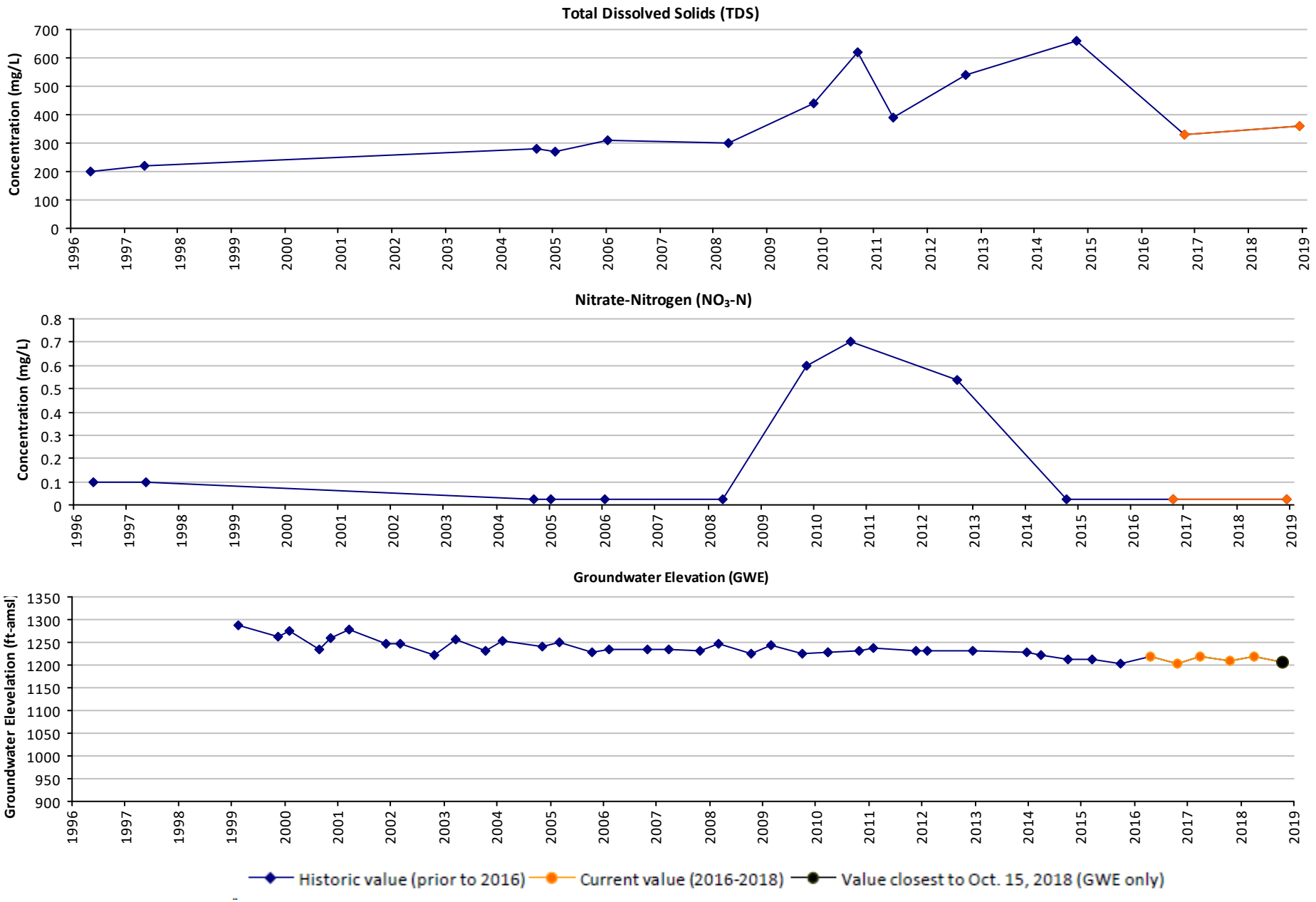
2012
2013
2014
2015
2016
2017
2018
2019

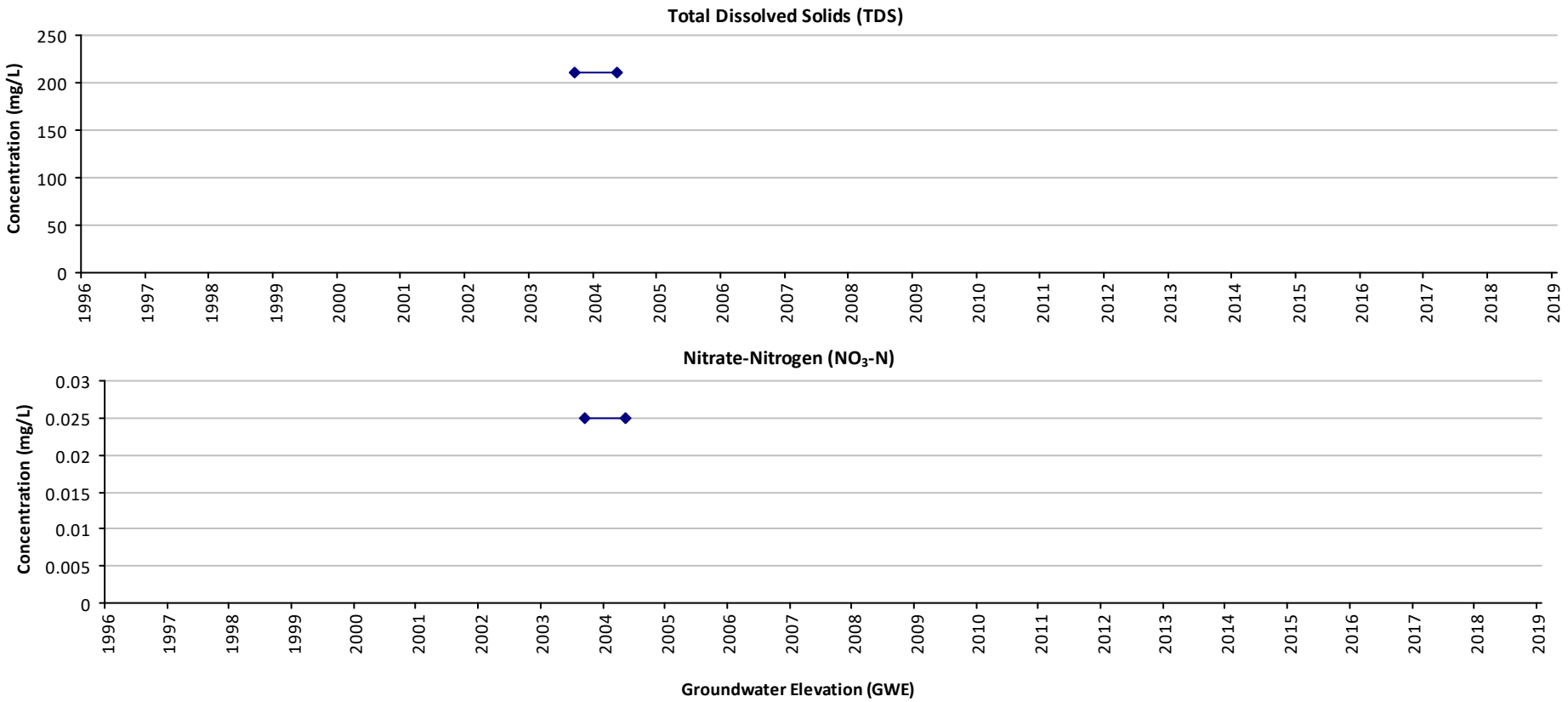

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

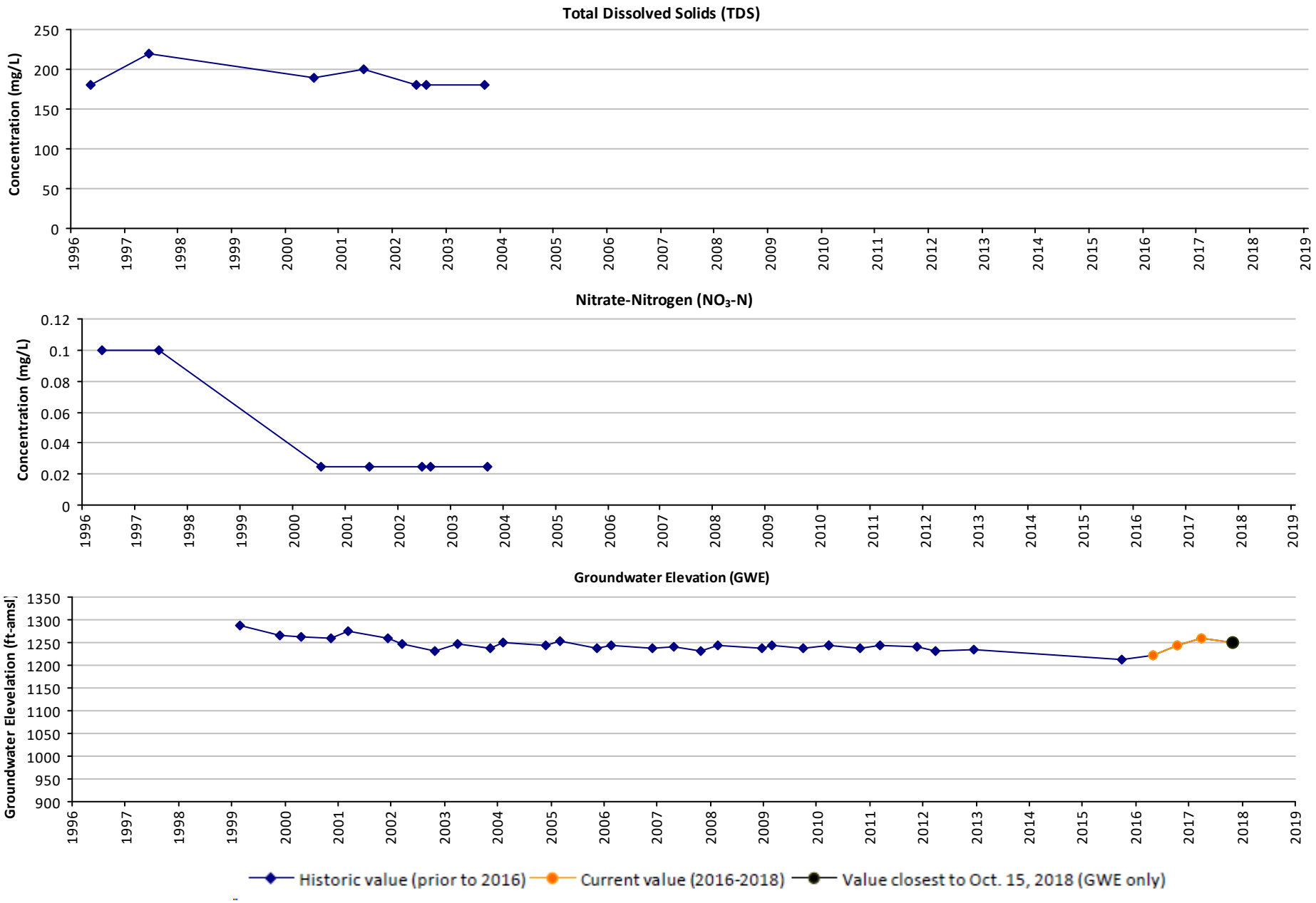

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

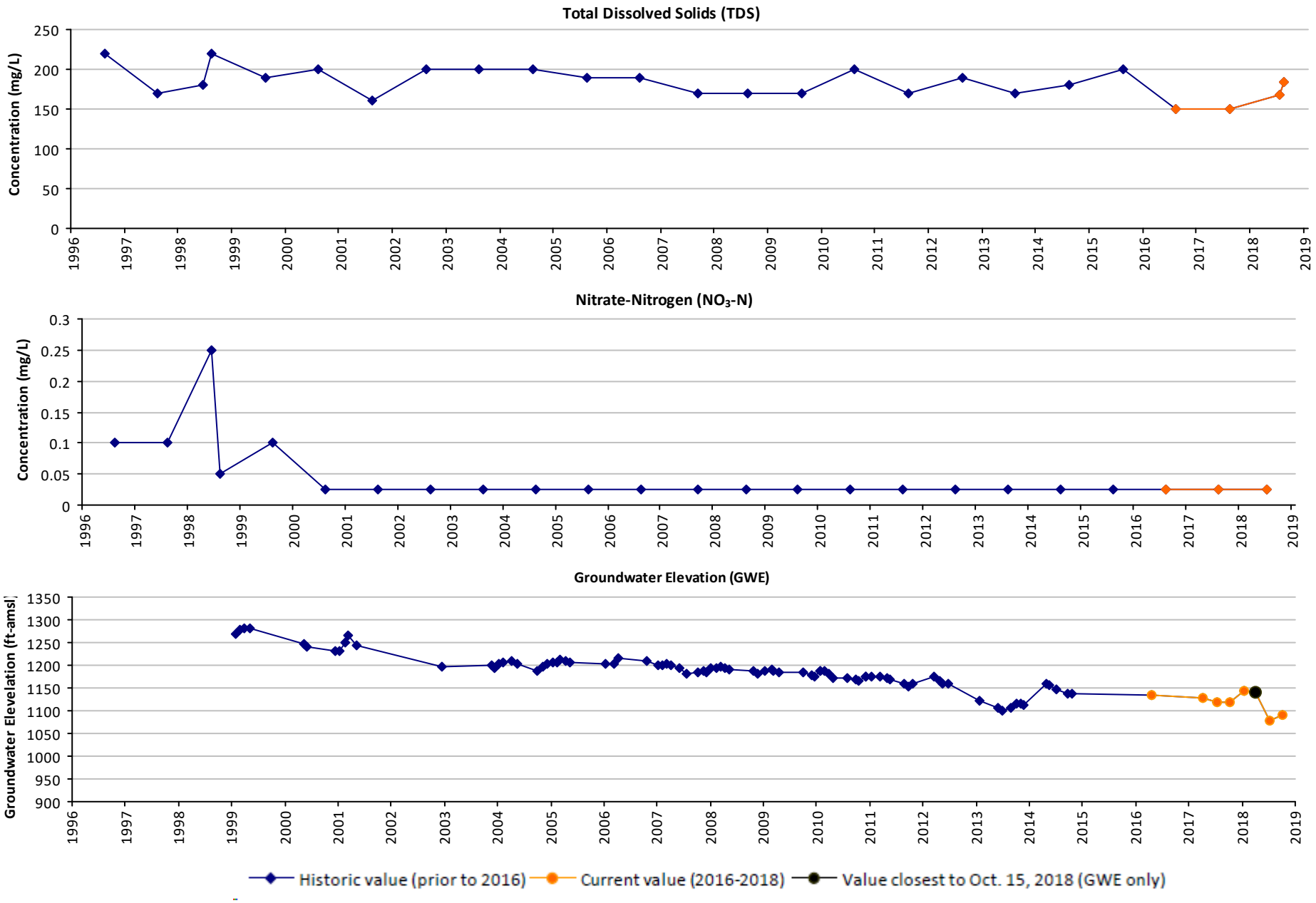

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

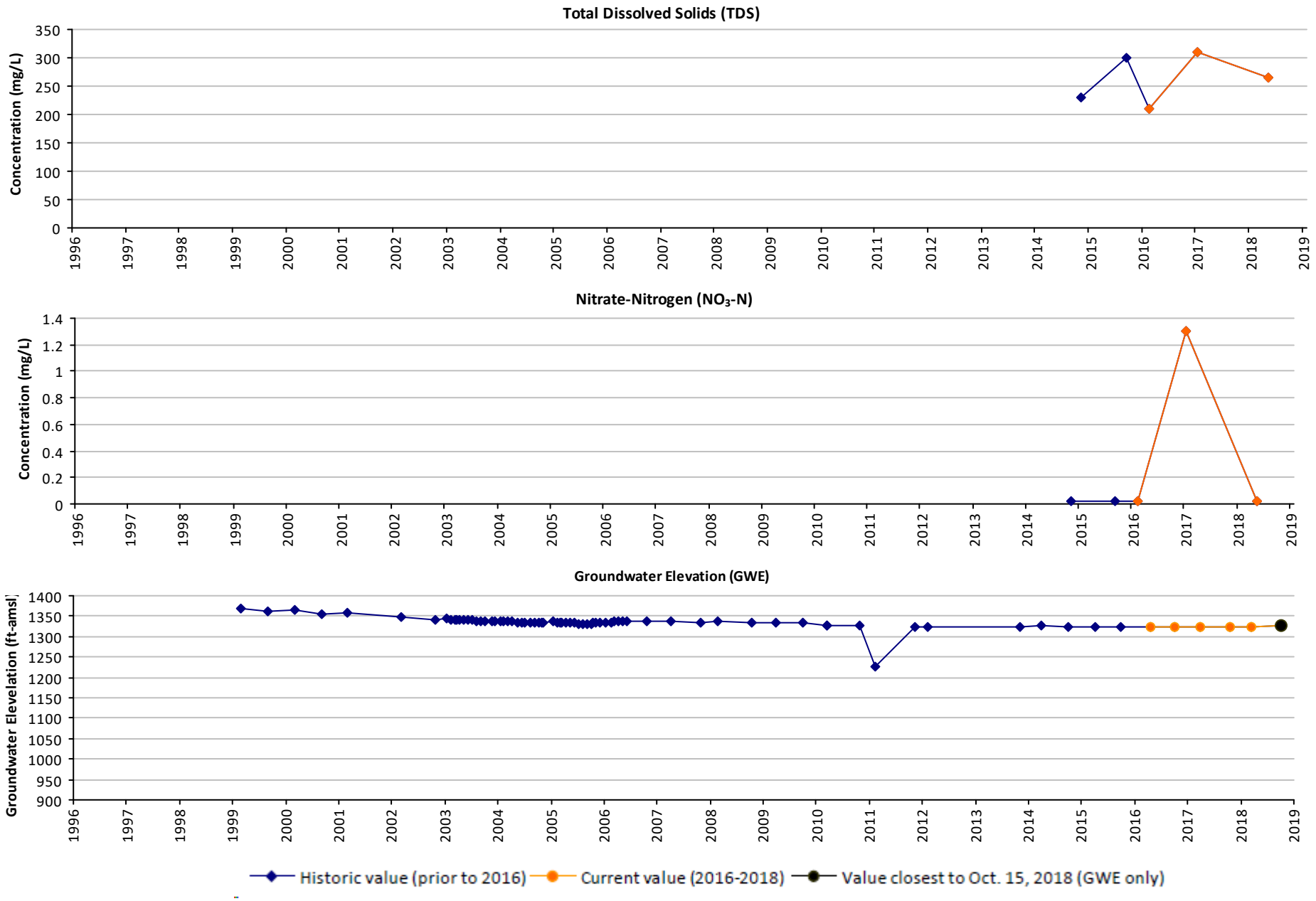

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

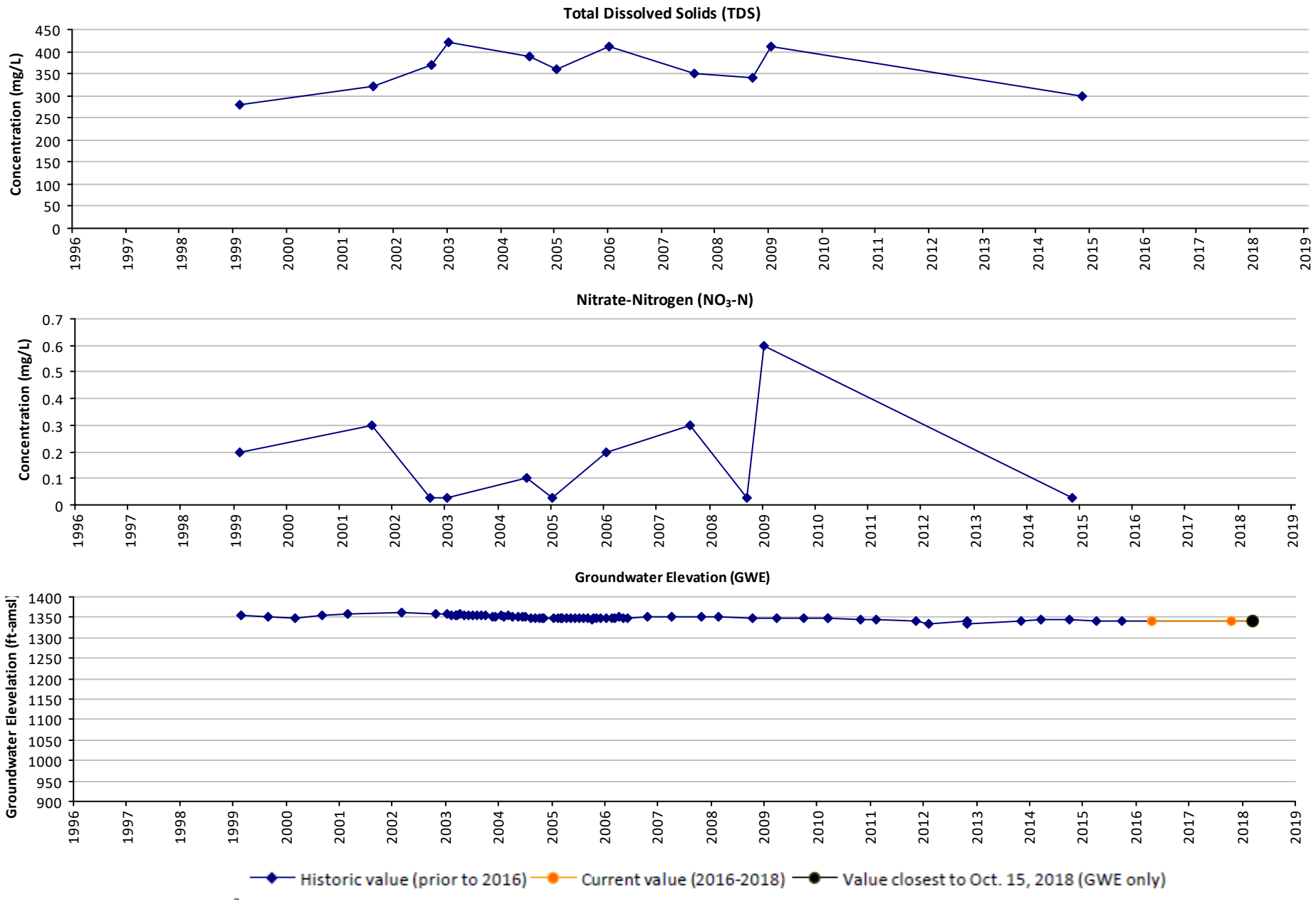

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
1300
1350
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

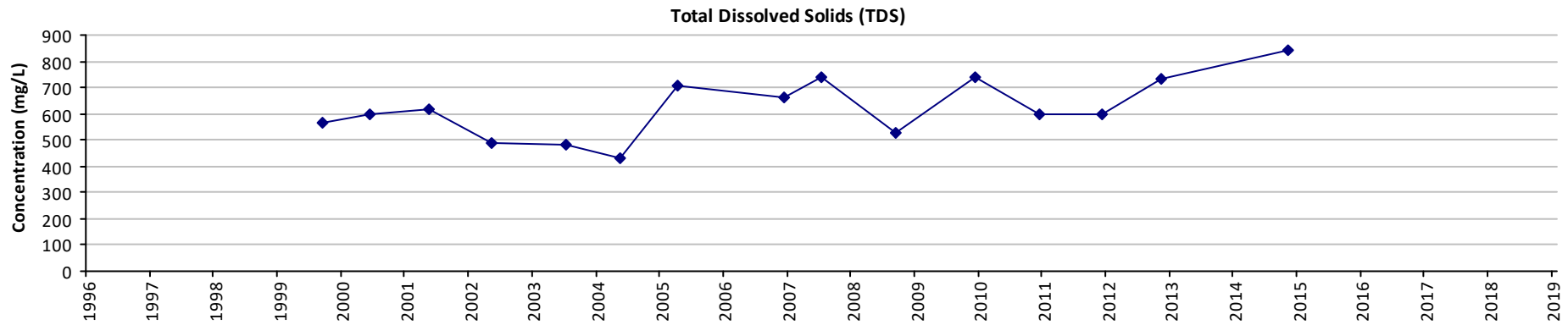

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
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2016
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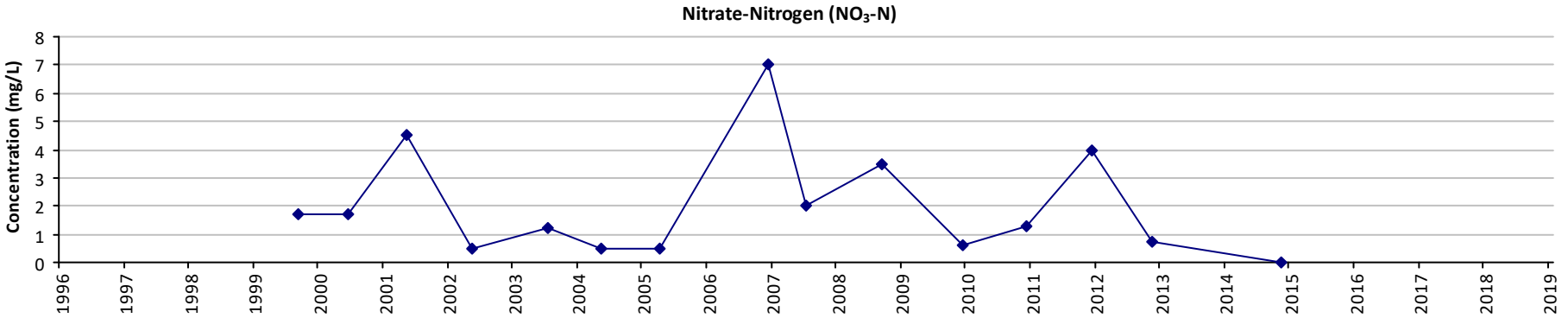
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
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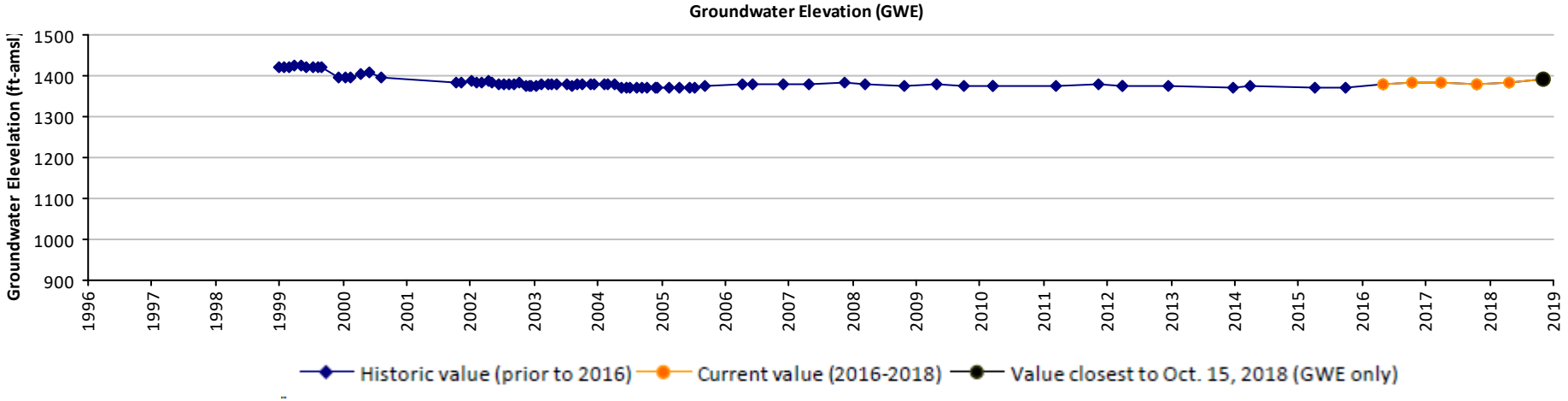
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
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2010
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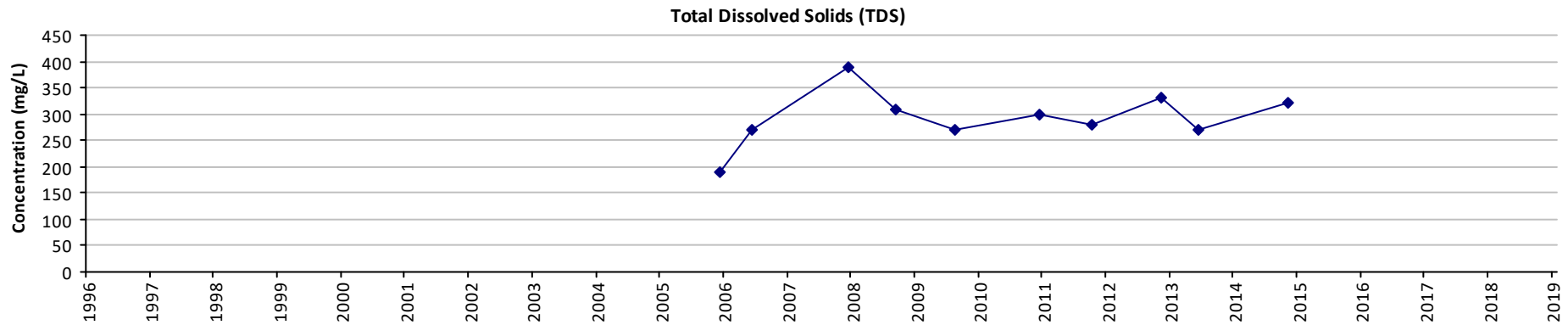
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
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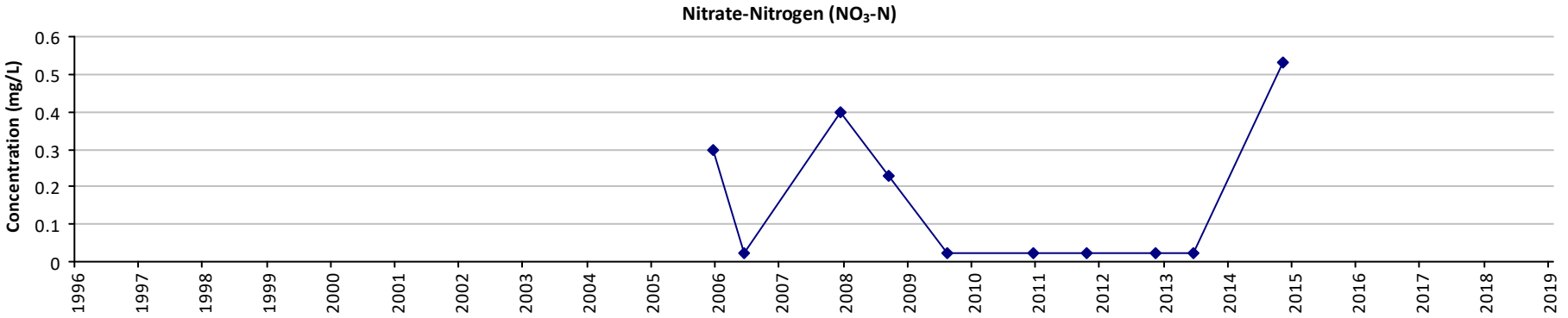
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
1996
1997
1998
1999
2000
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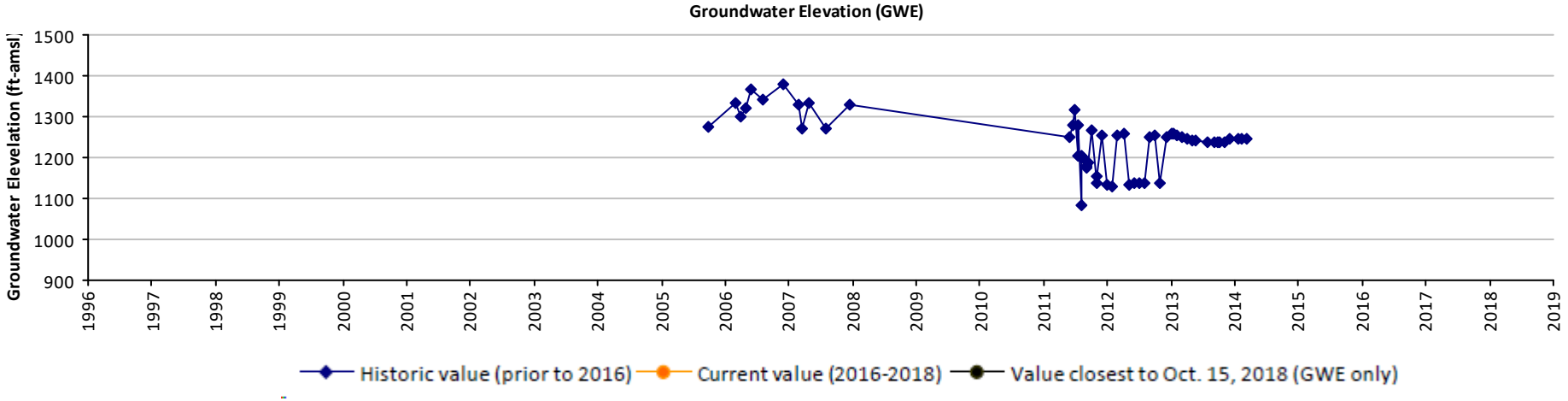
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
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2001
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2003
2004
2005
2006
2007
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2010
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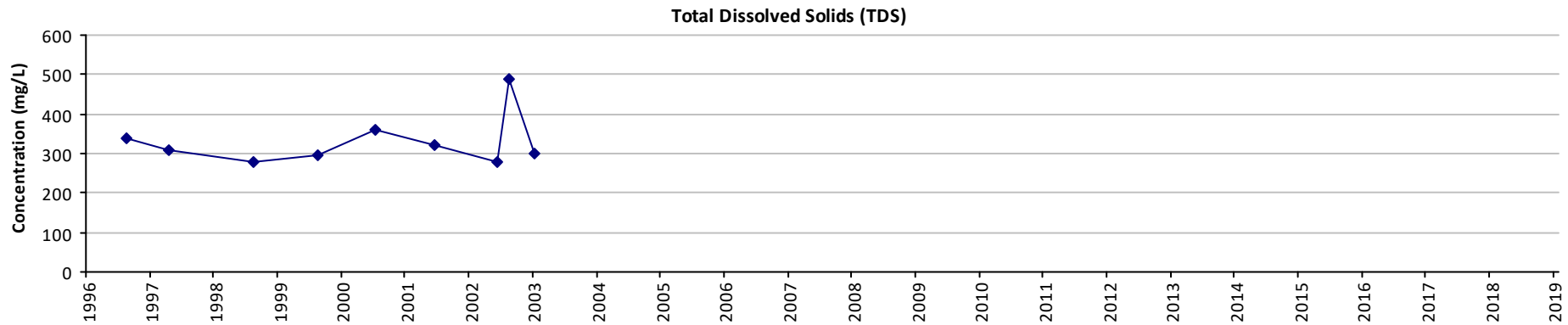
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
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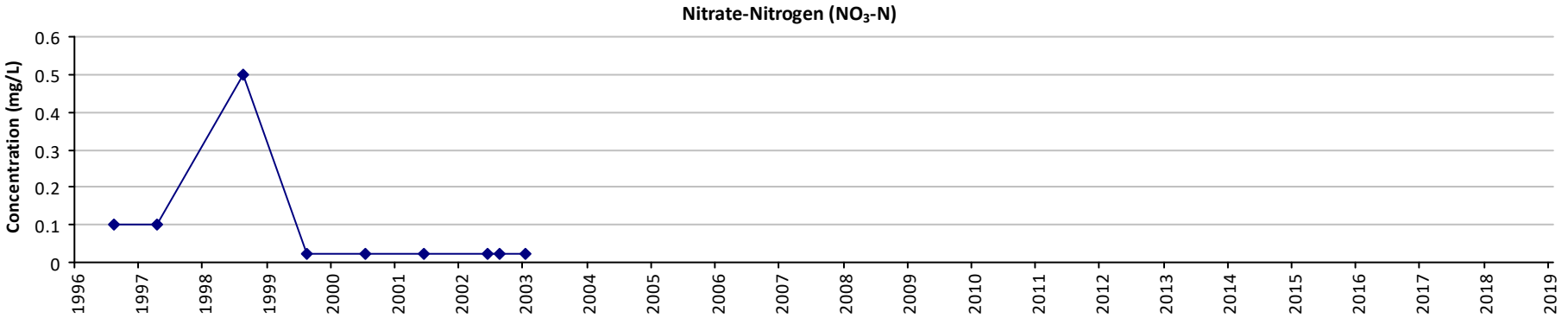
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
1996
1997
1998
1999
2000
2001
2002
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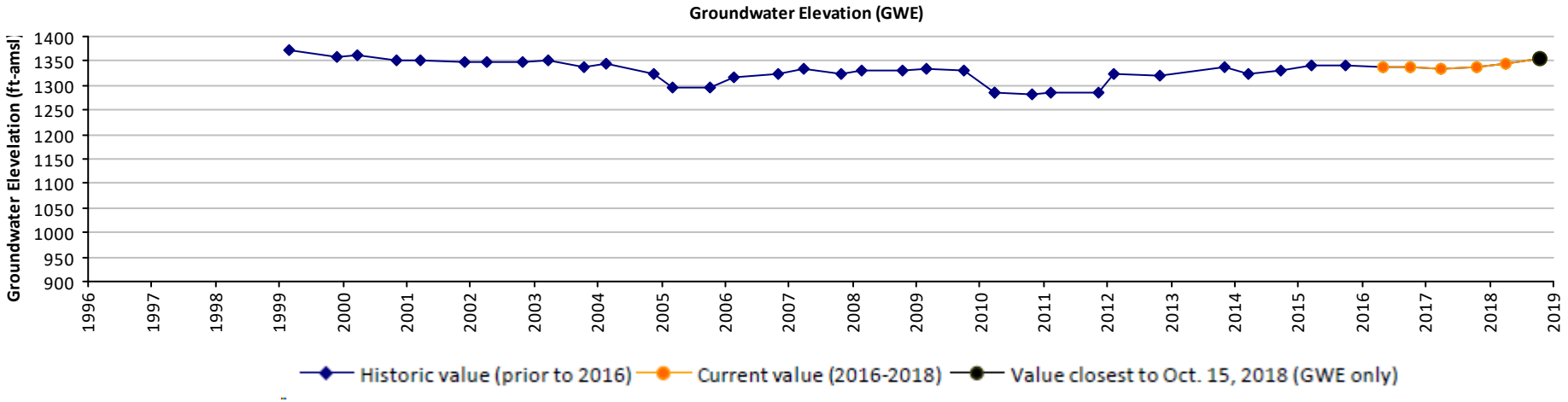
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
1300
1350
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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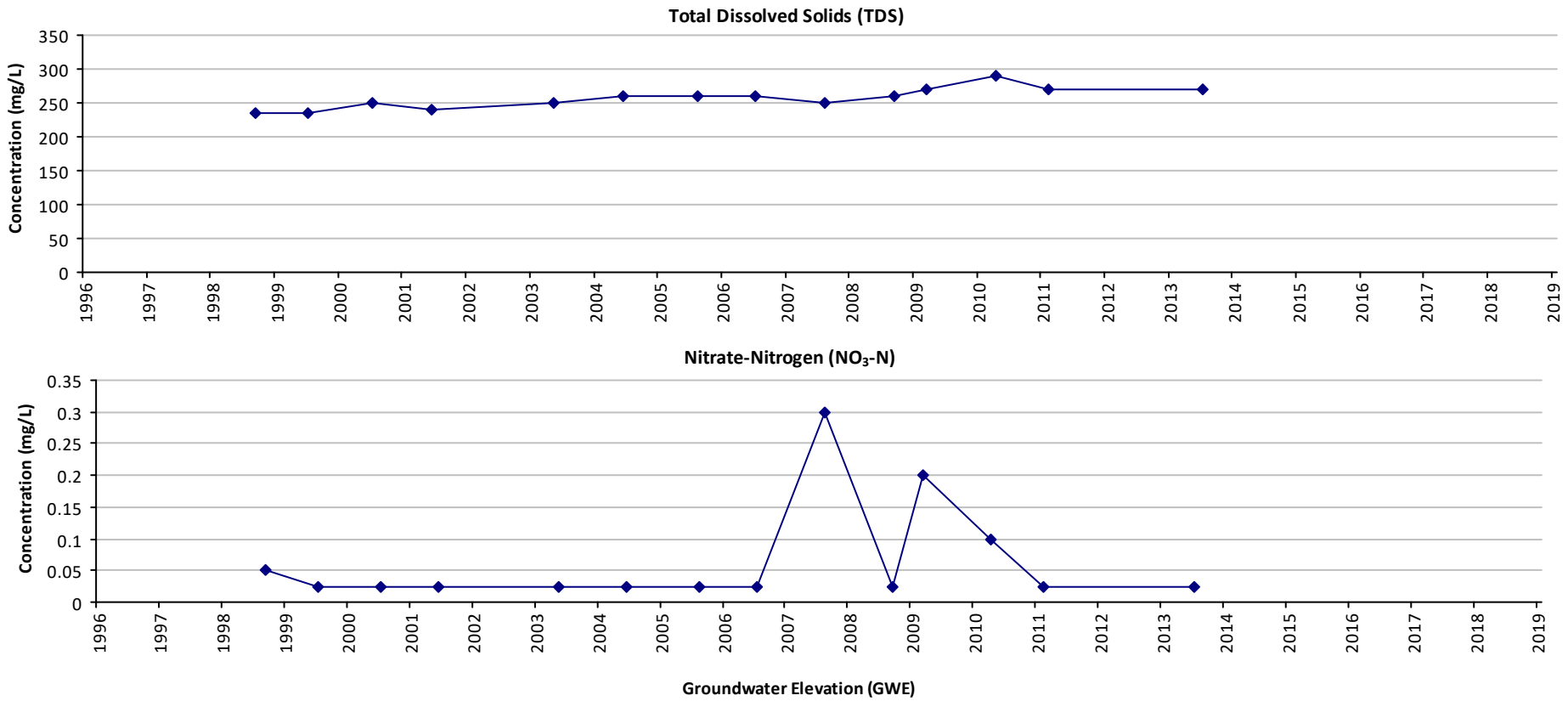
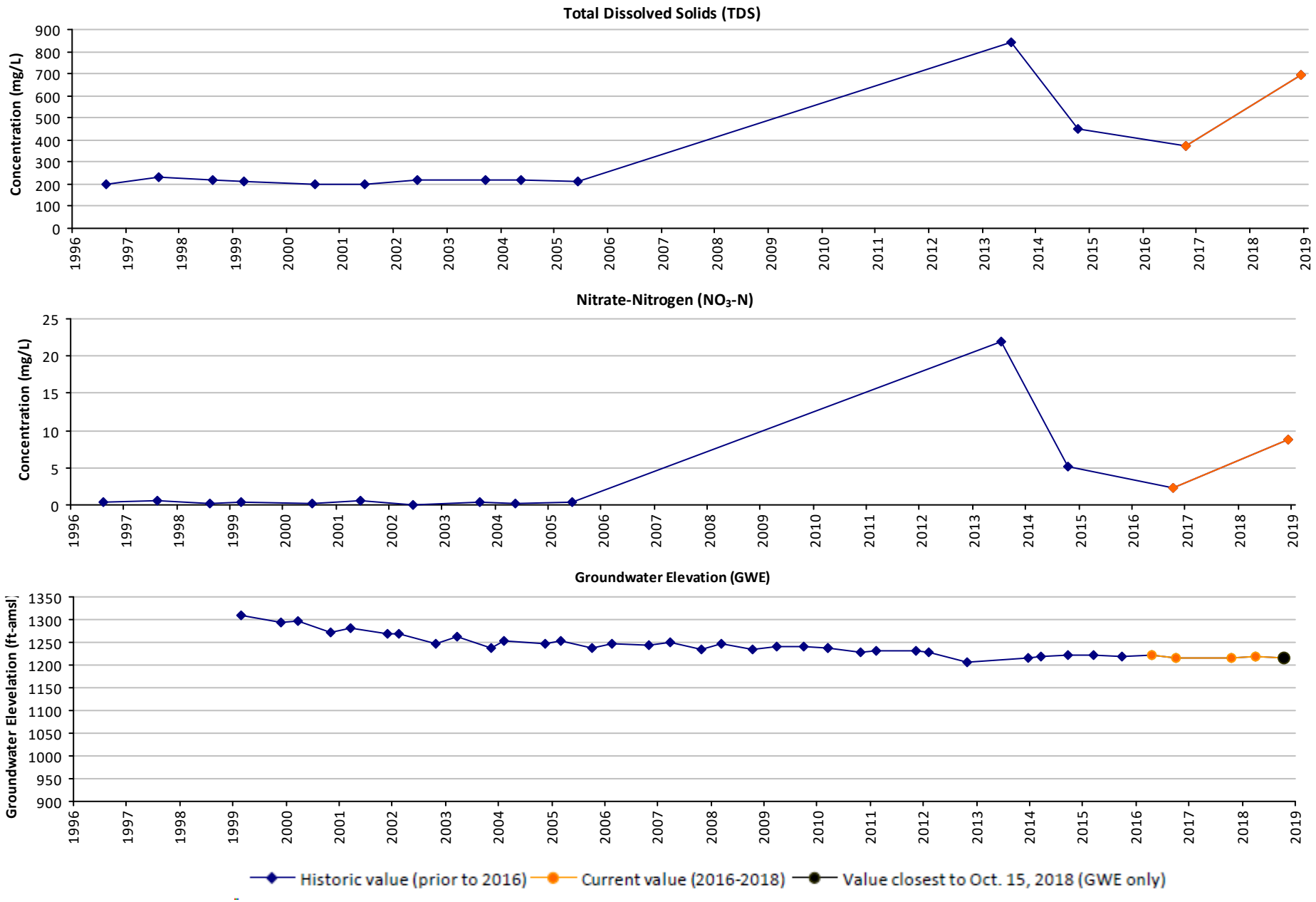
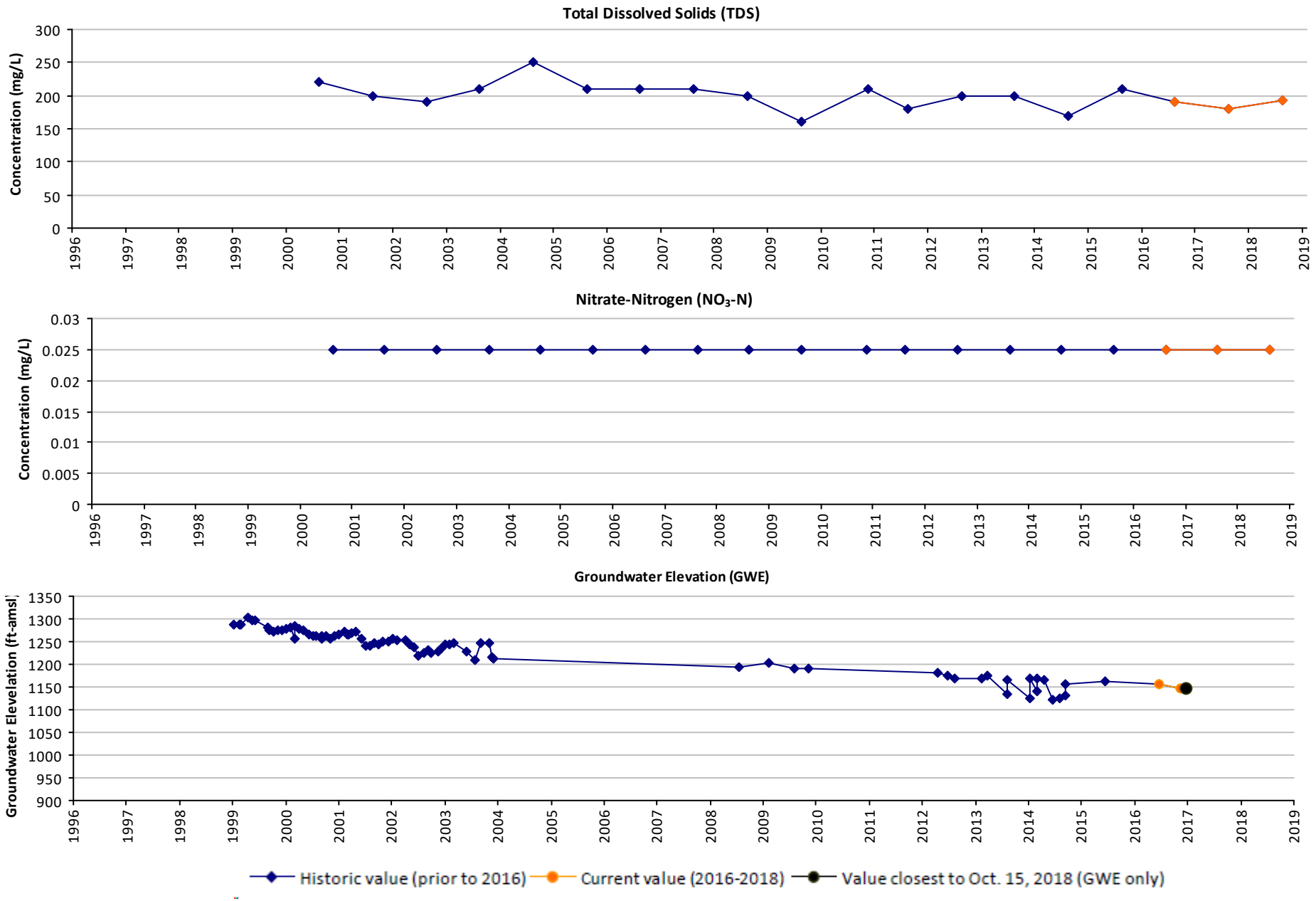
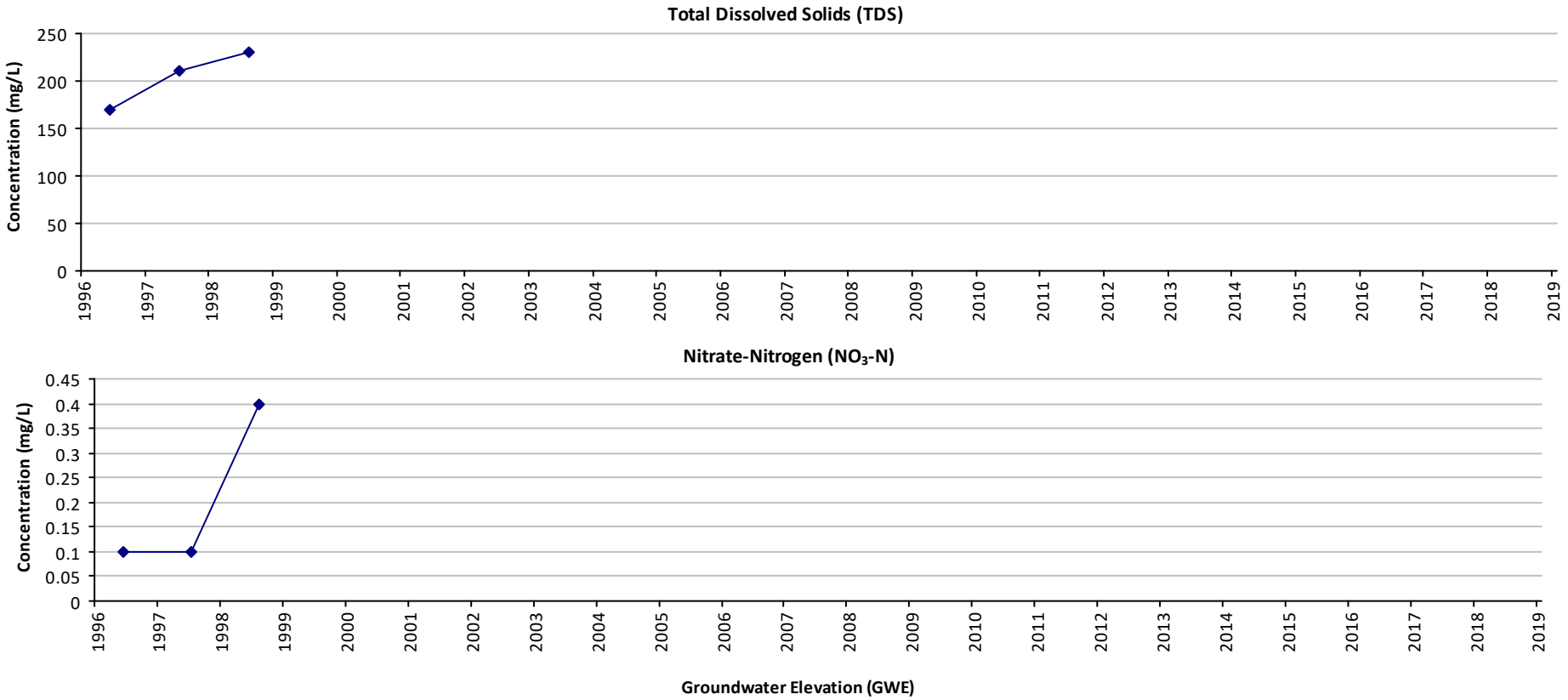
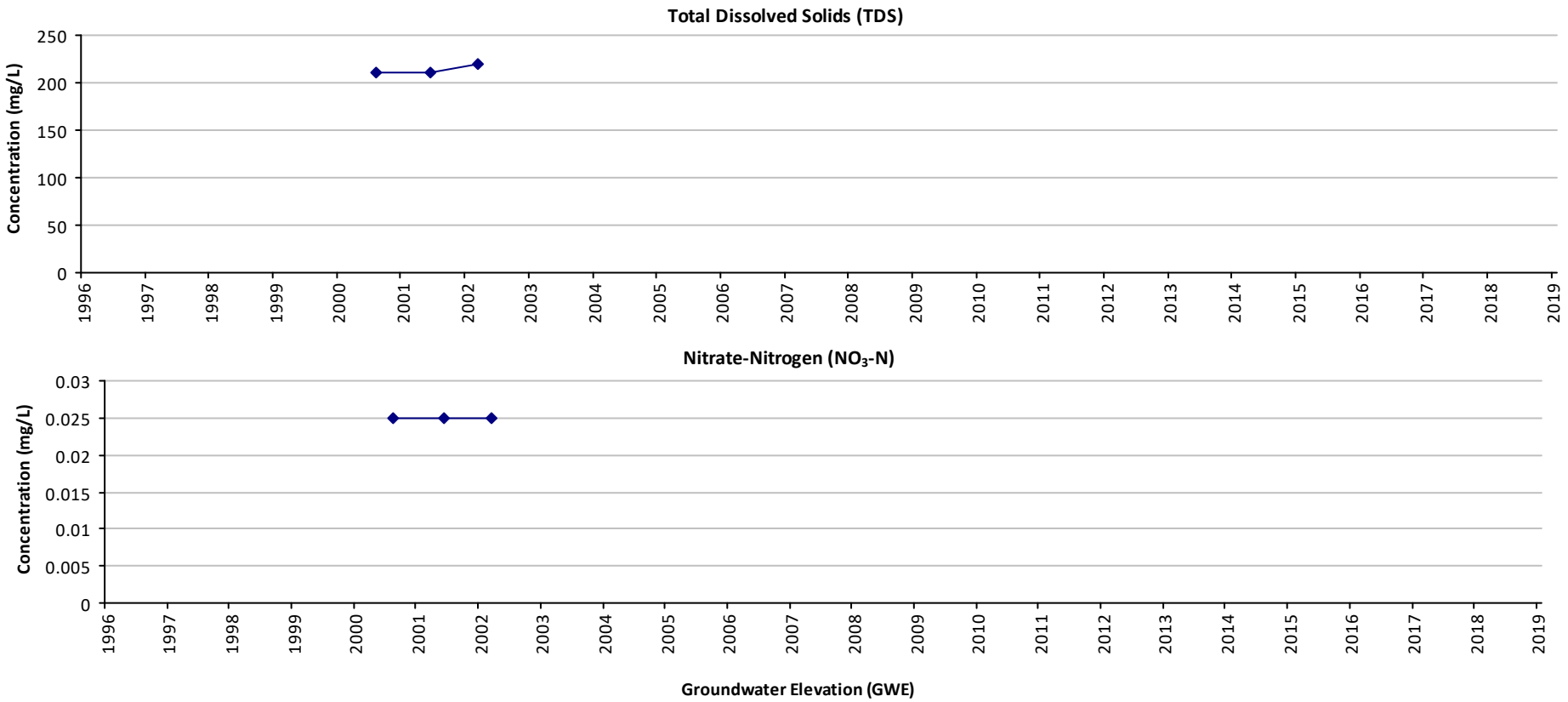
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
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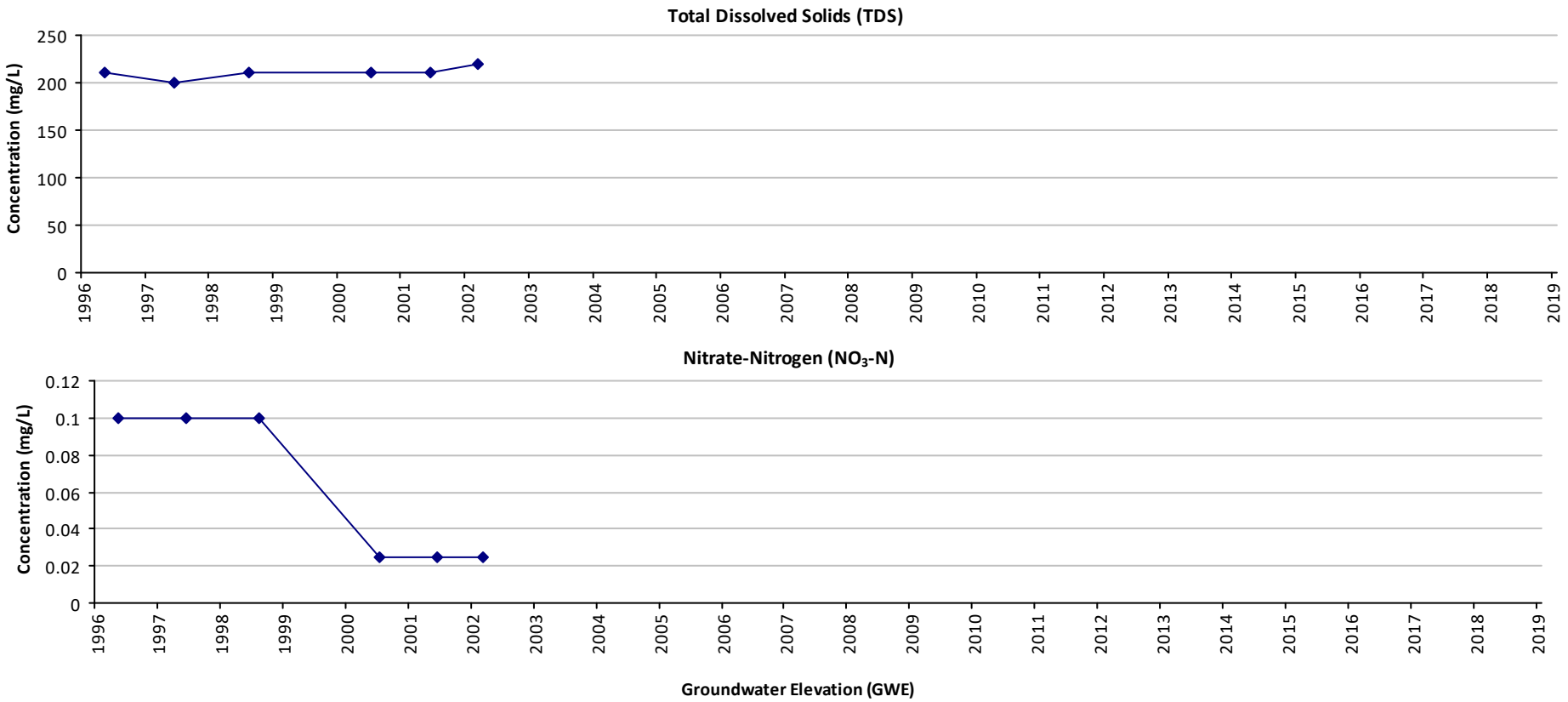
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
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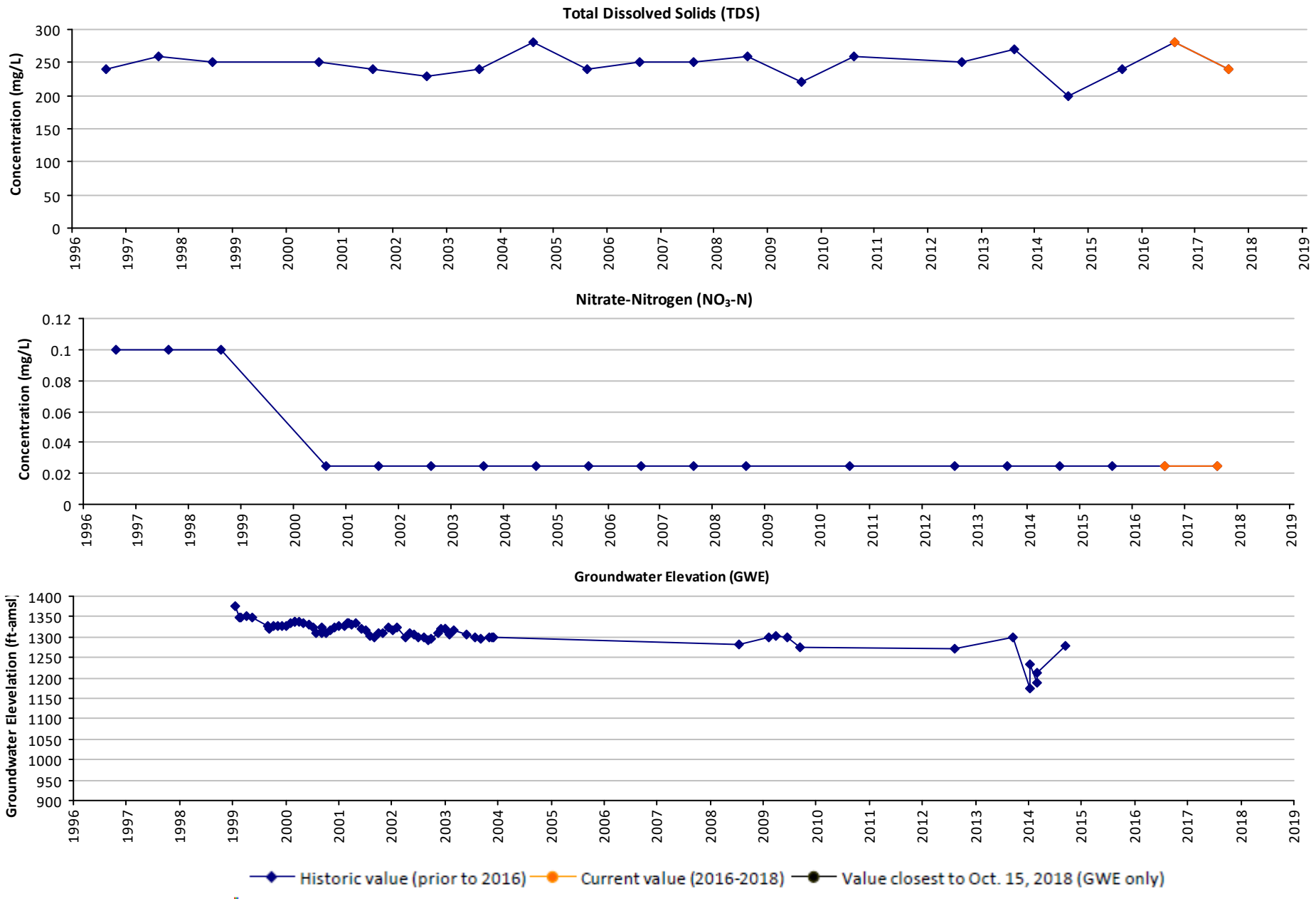
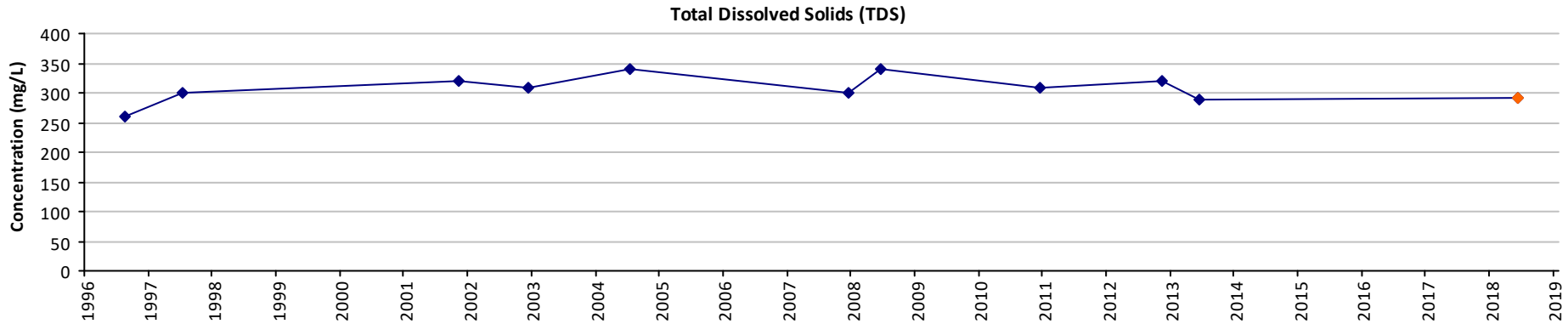
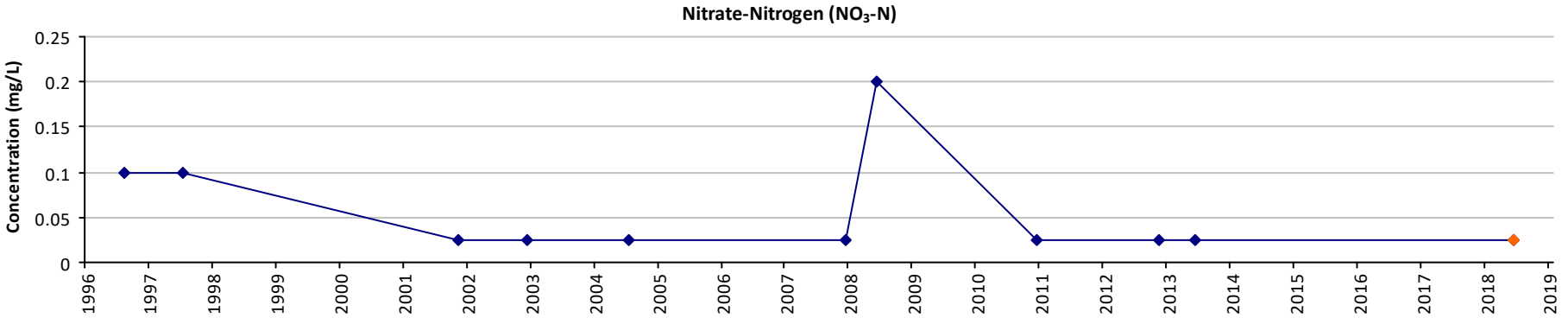
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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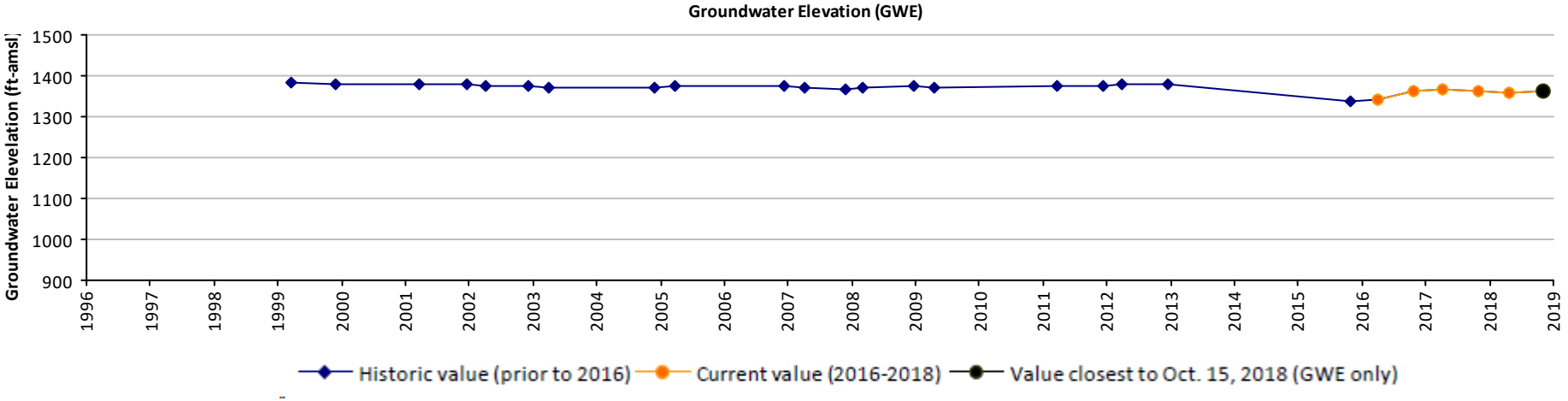
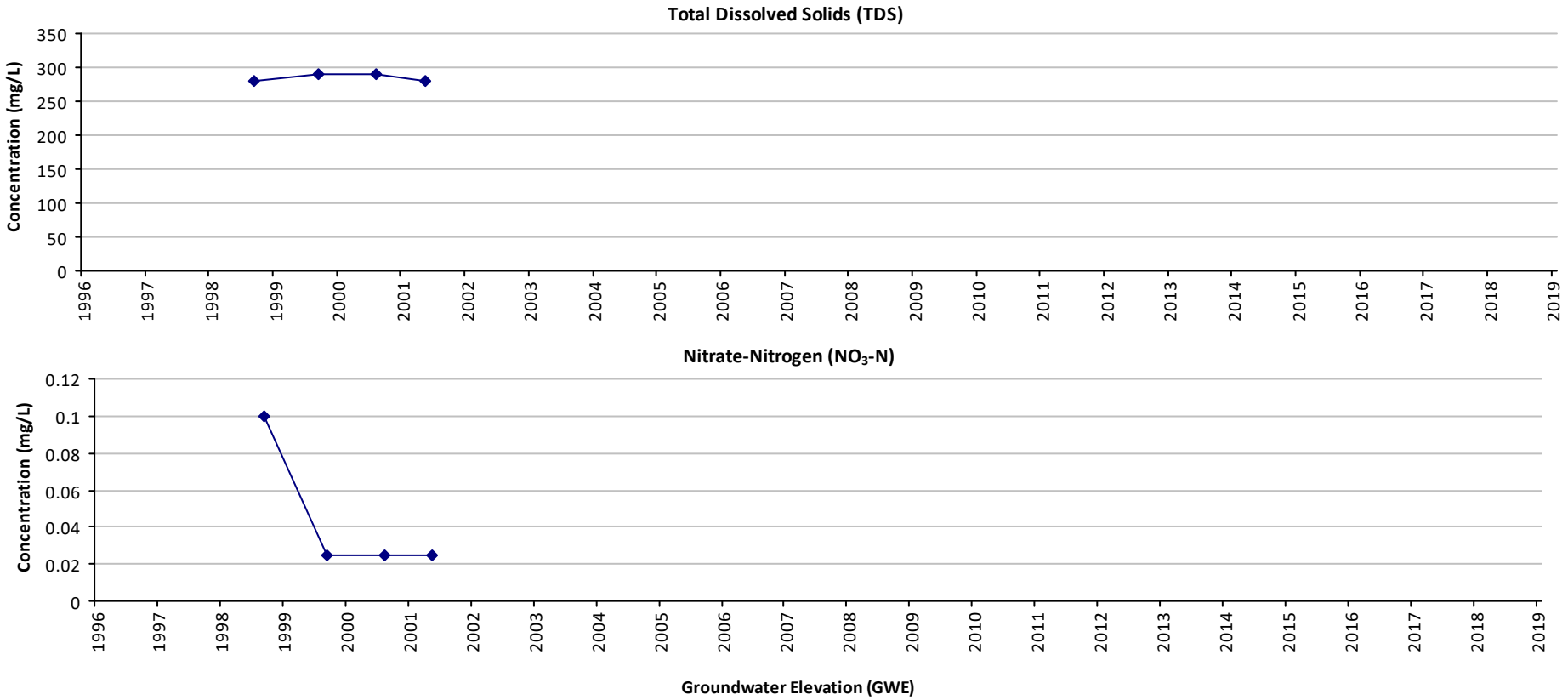
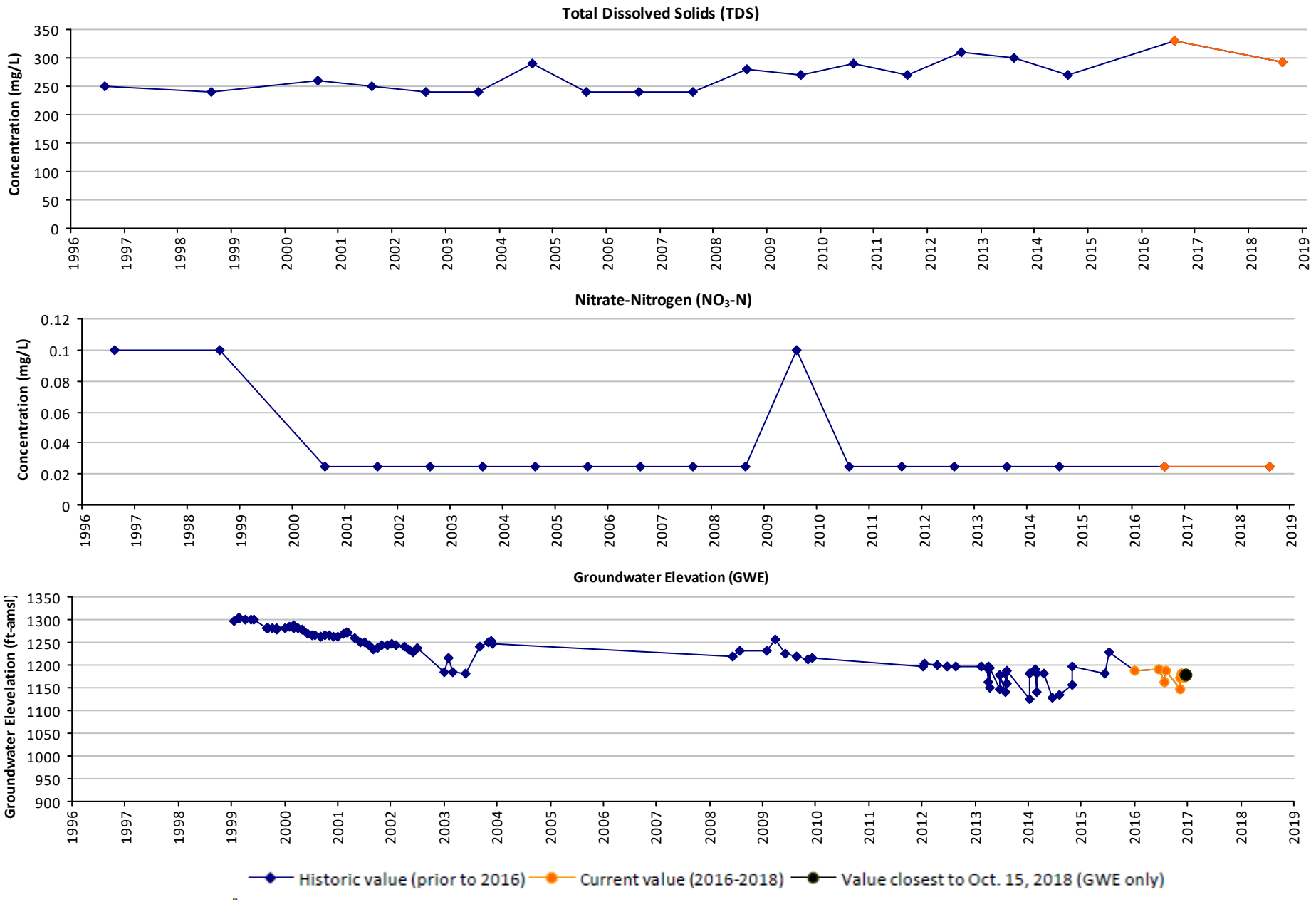
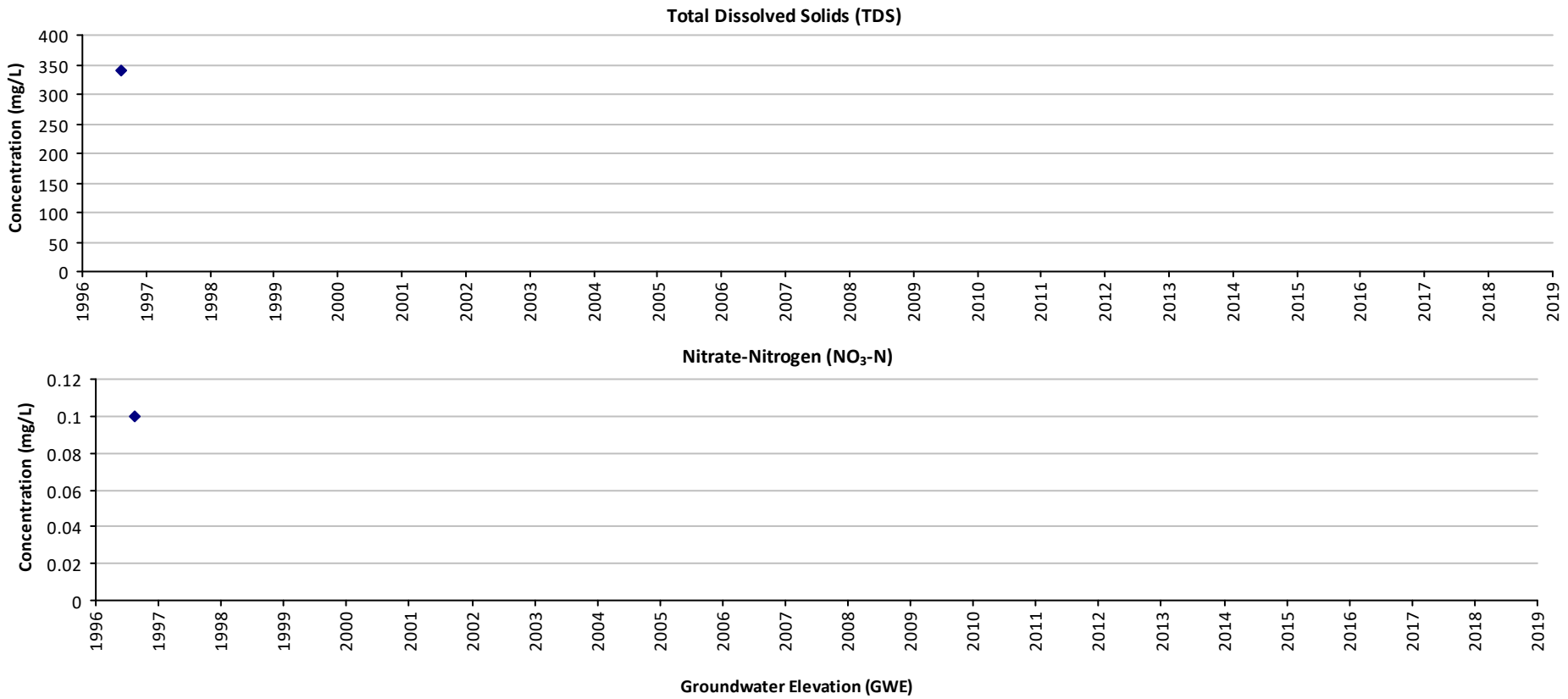
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
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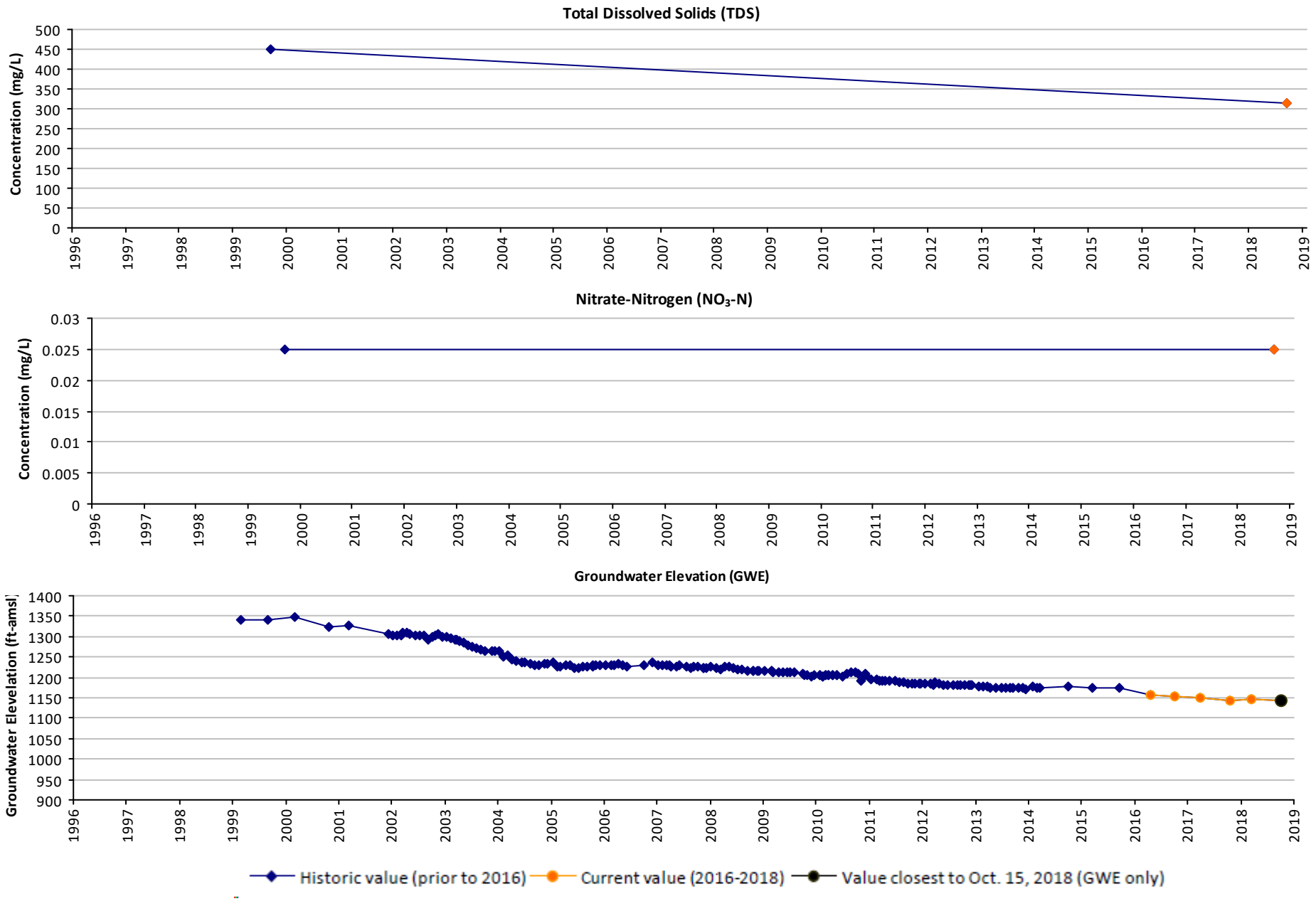
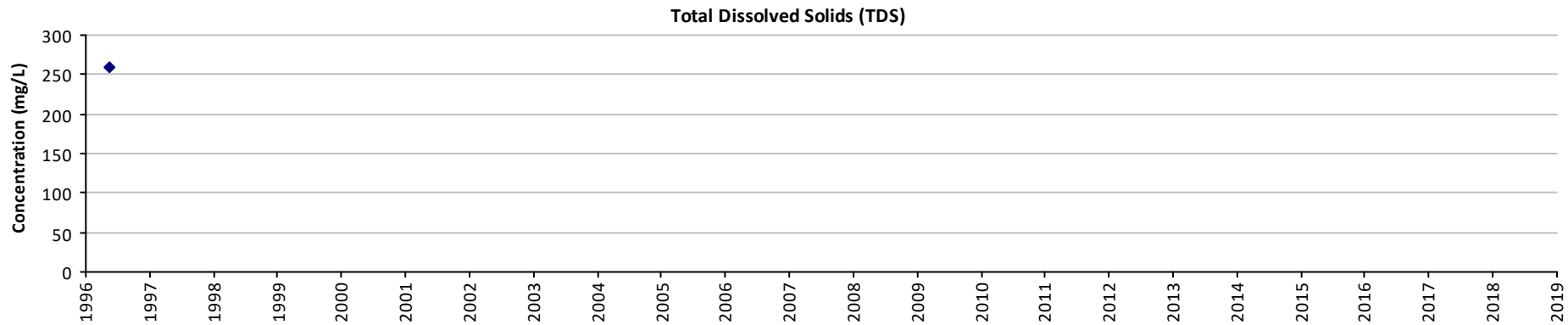
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
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2001
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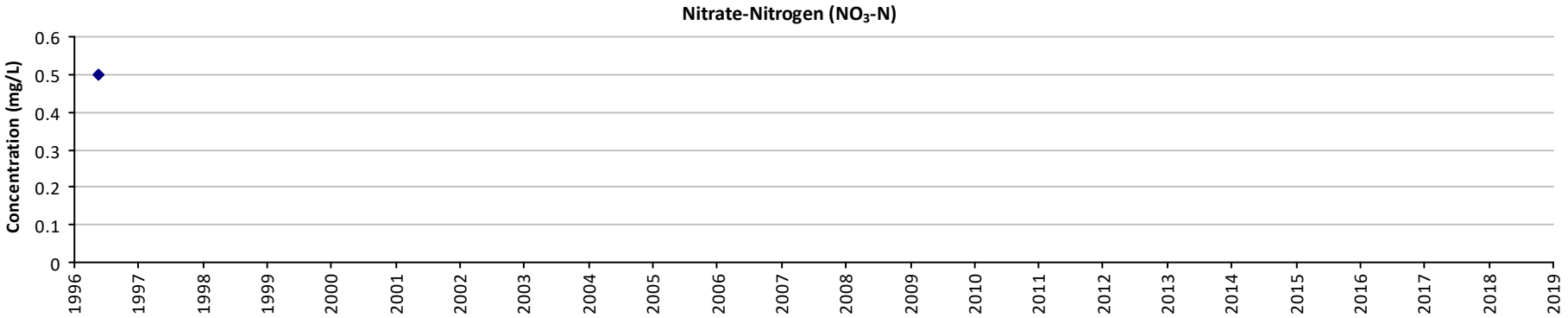
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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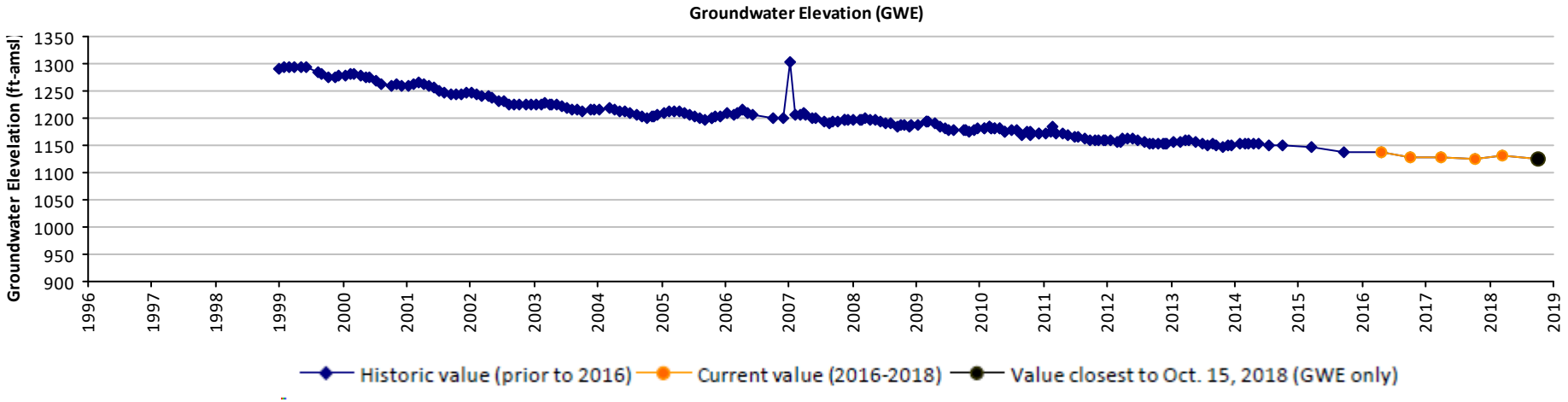
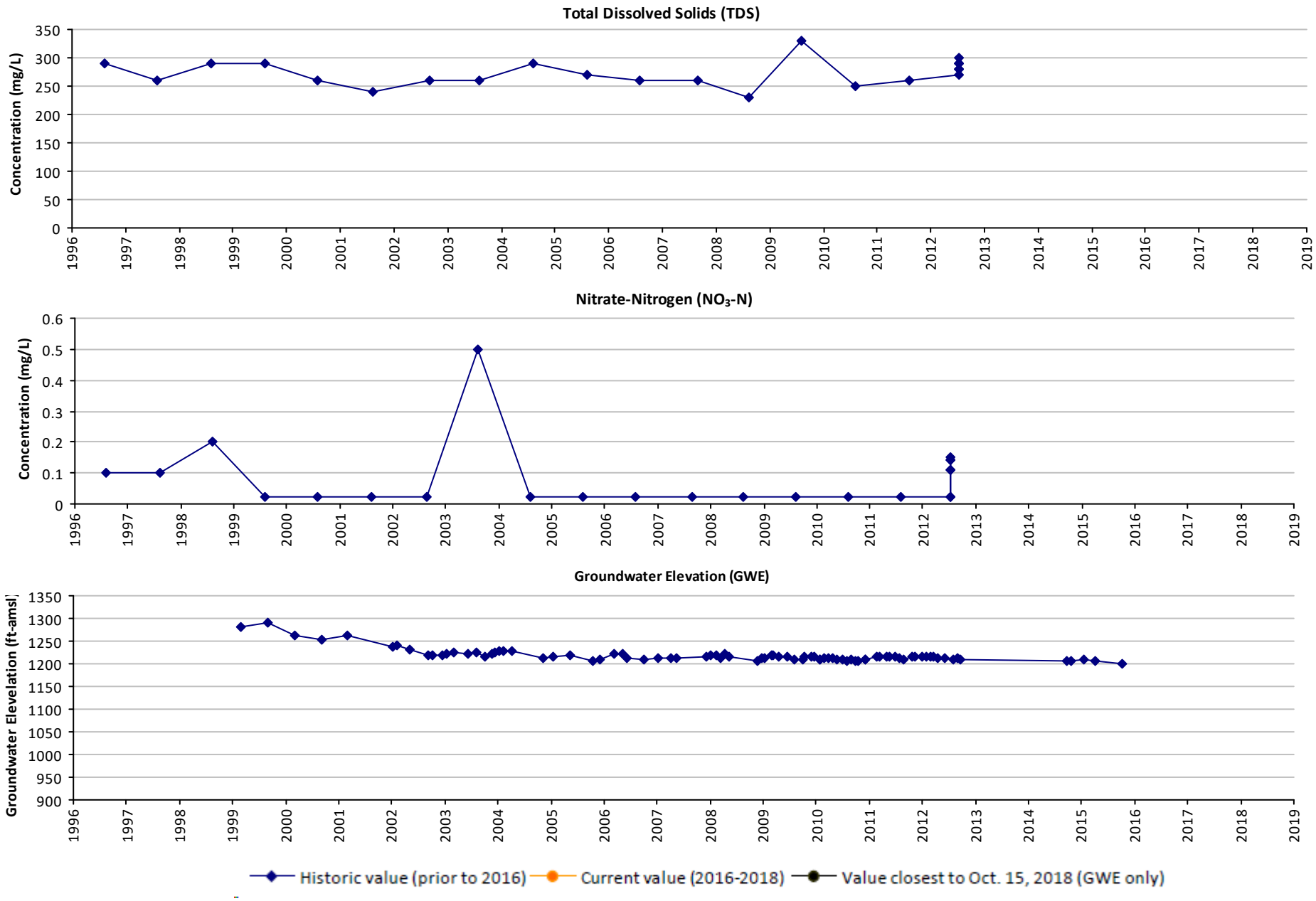
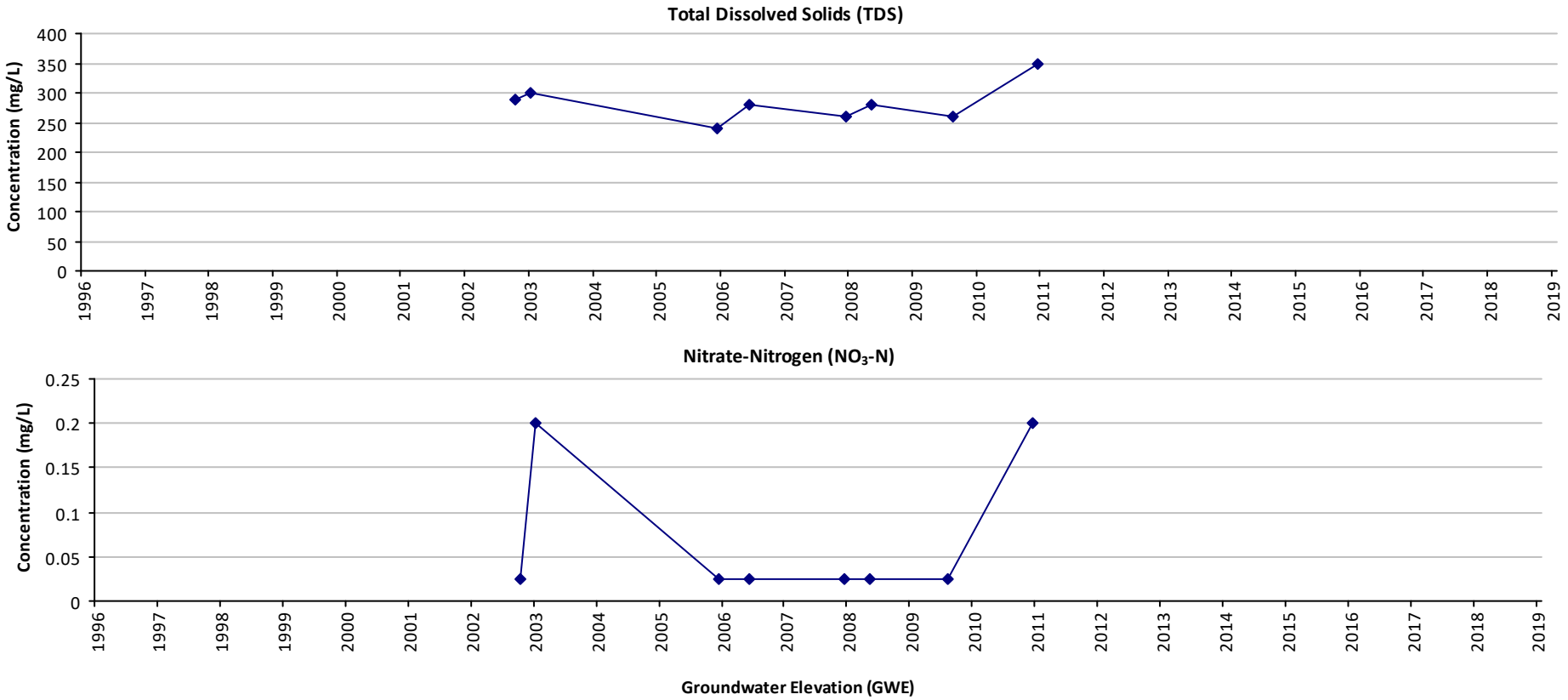
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
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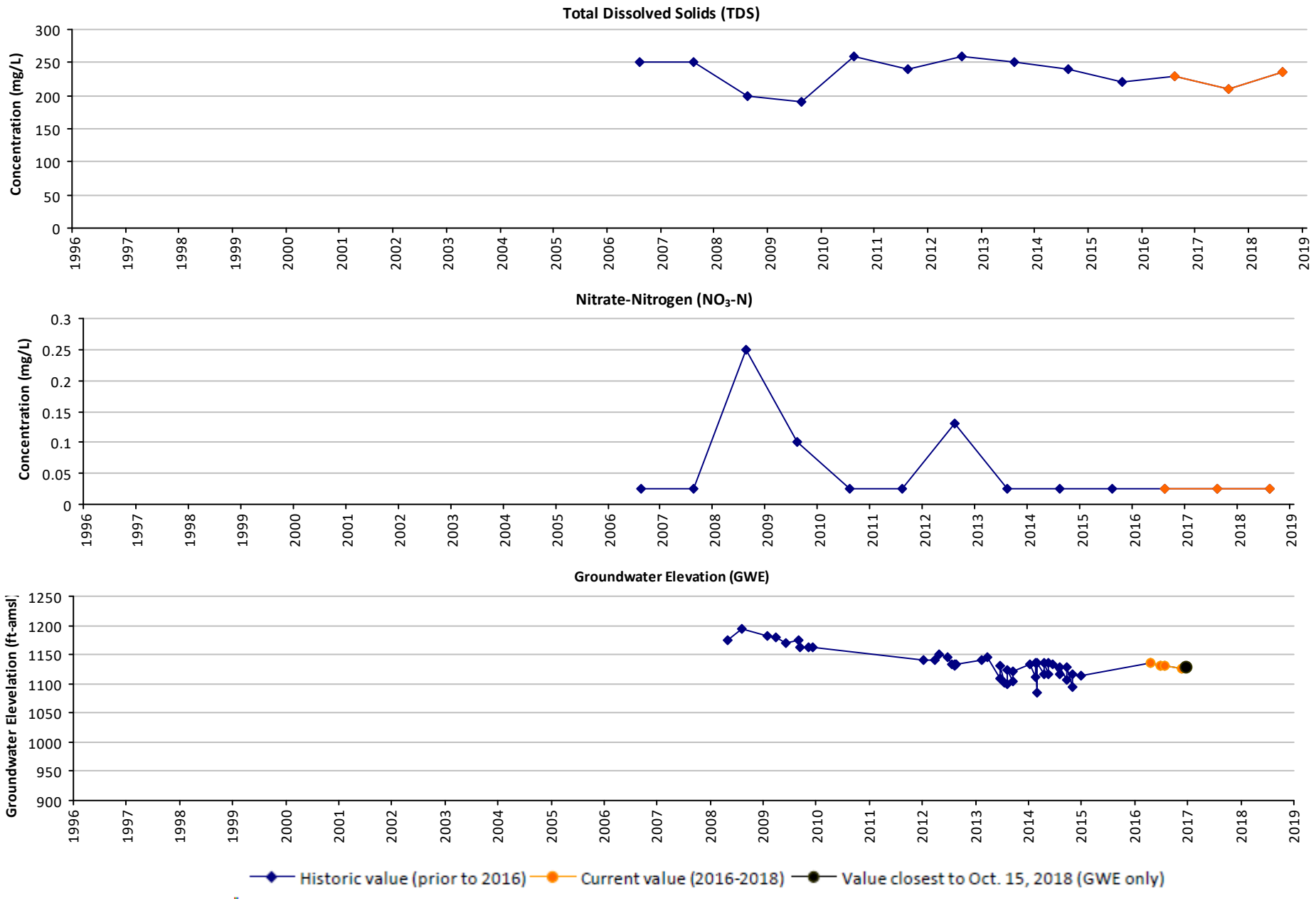
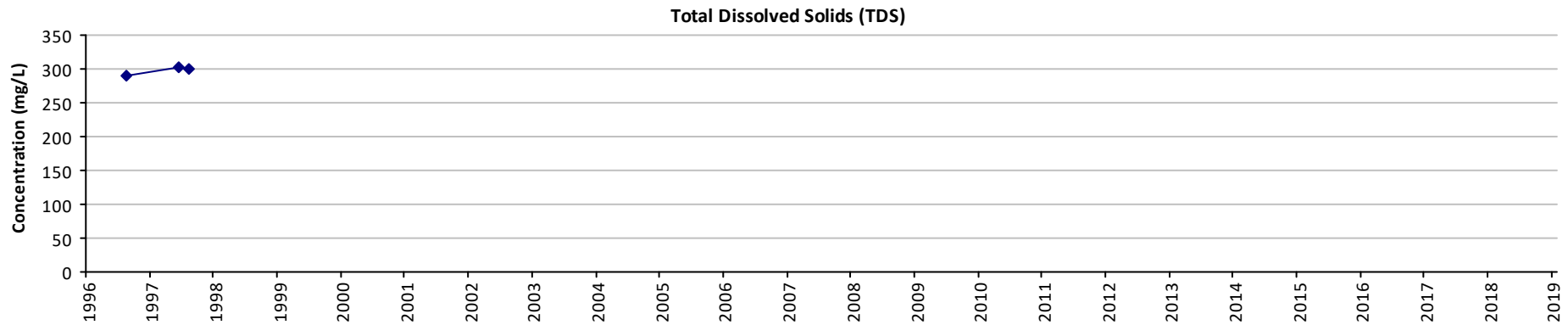
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
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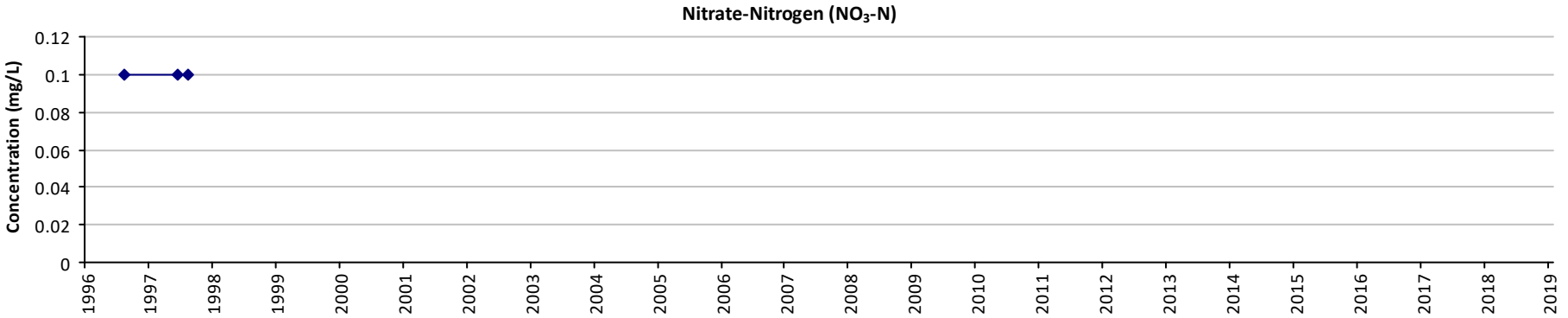
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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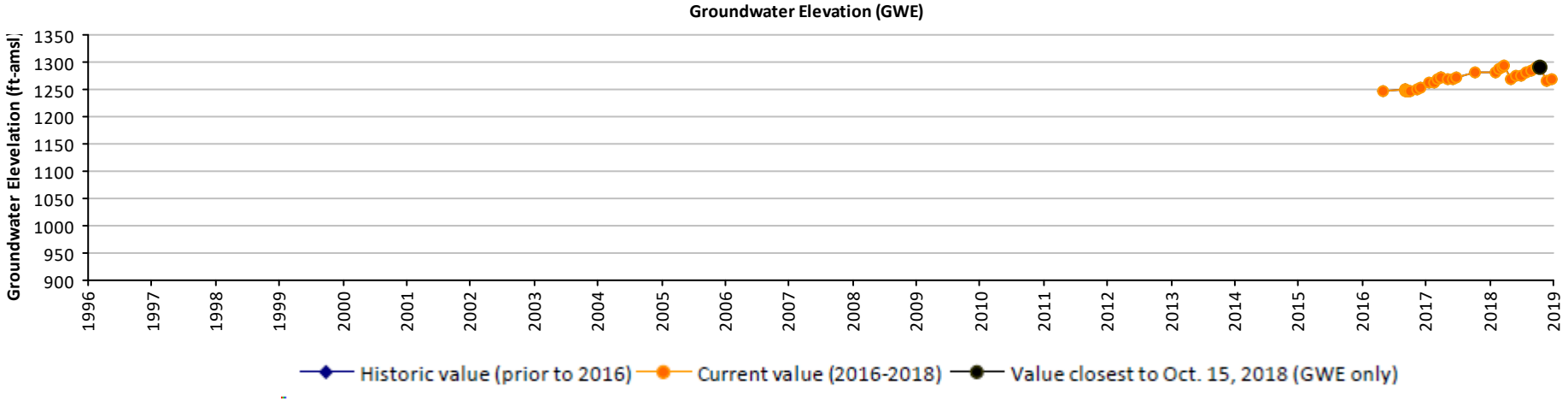
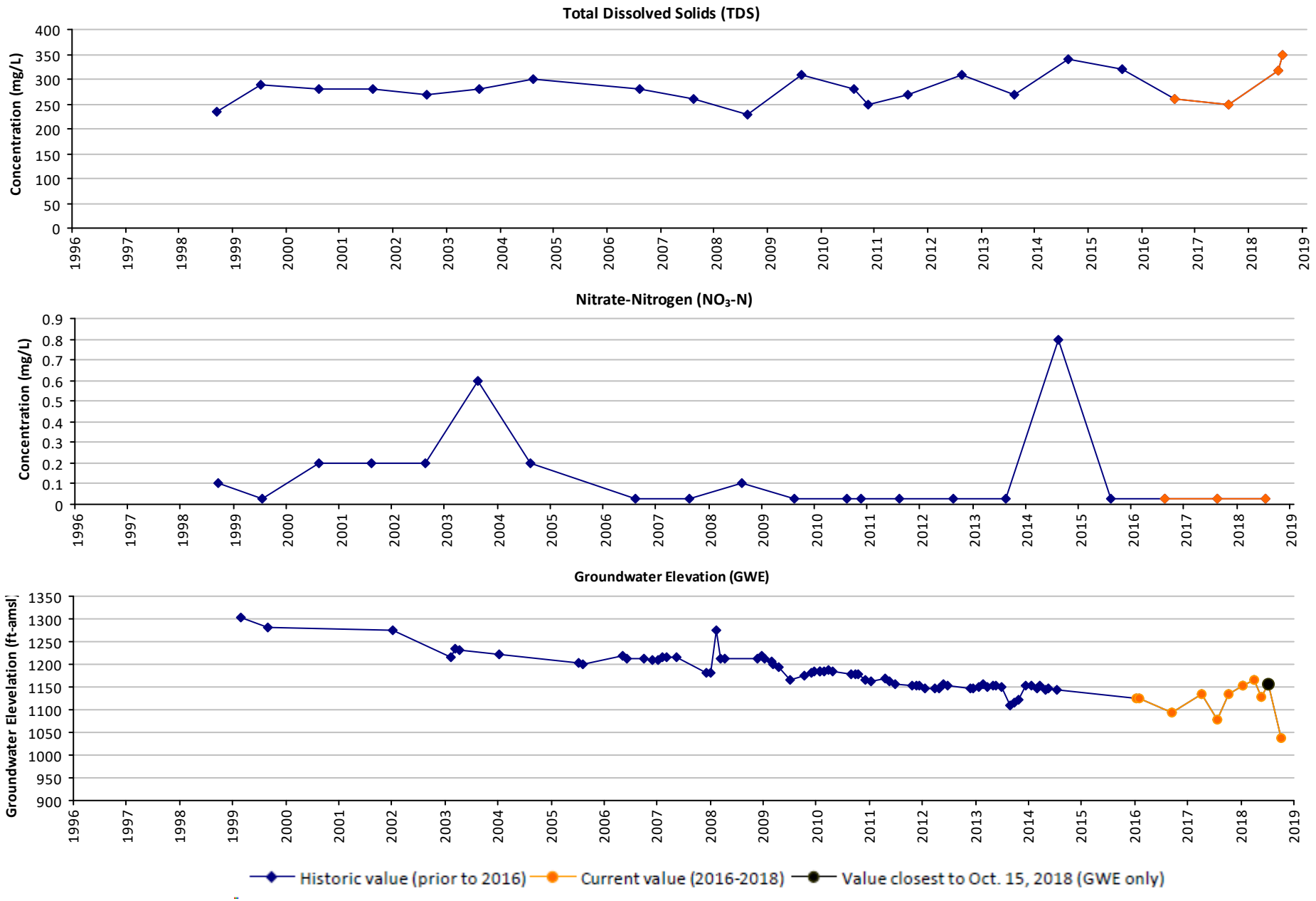
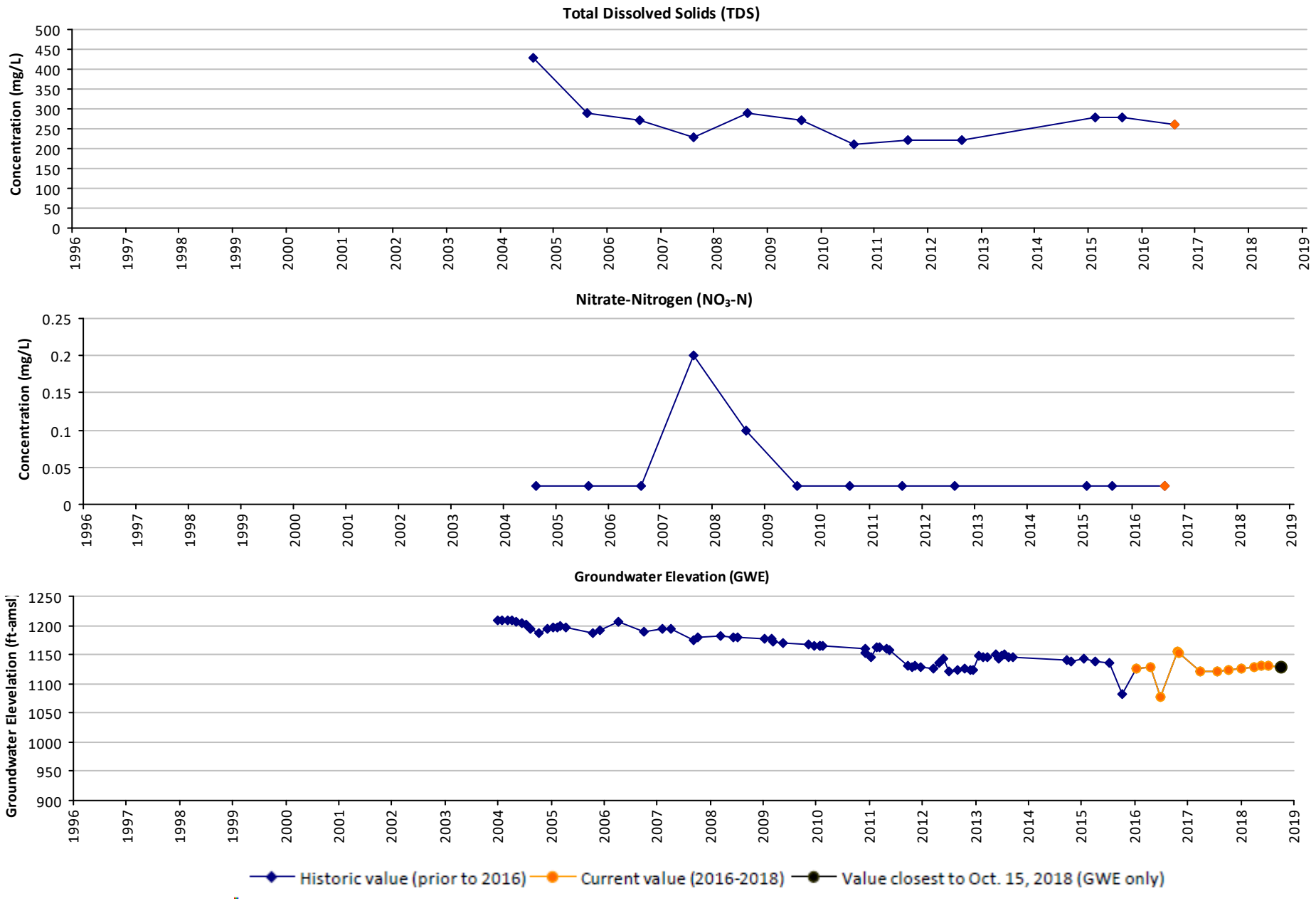
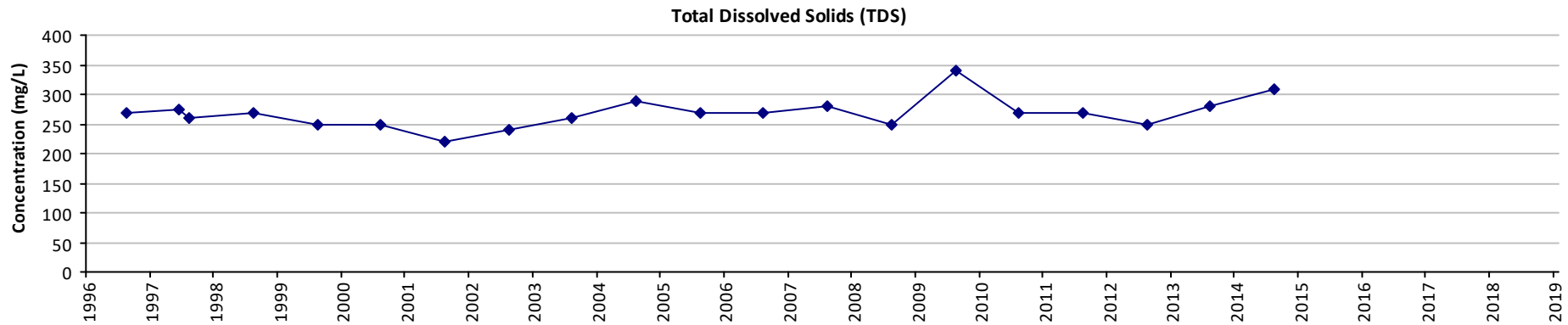
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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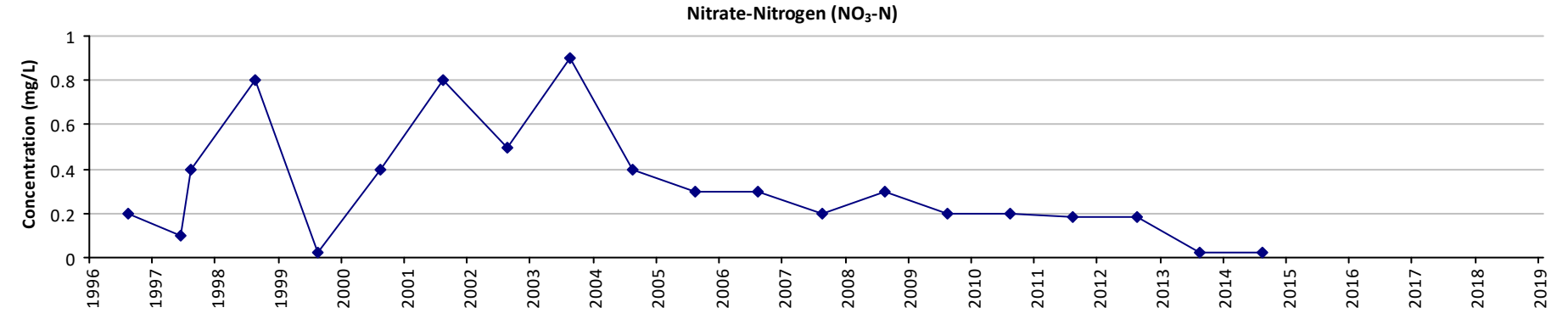
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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2011
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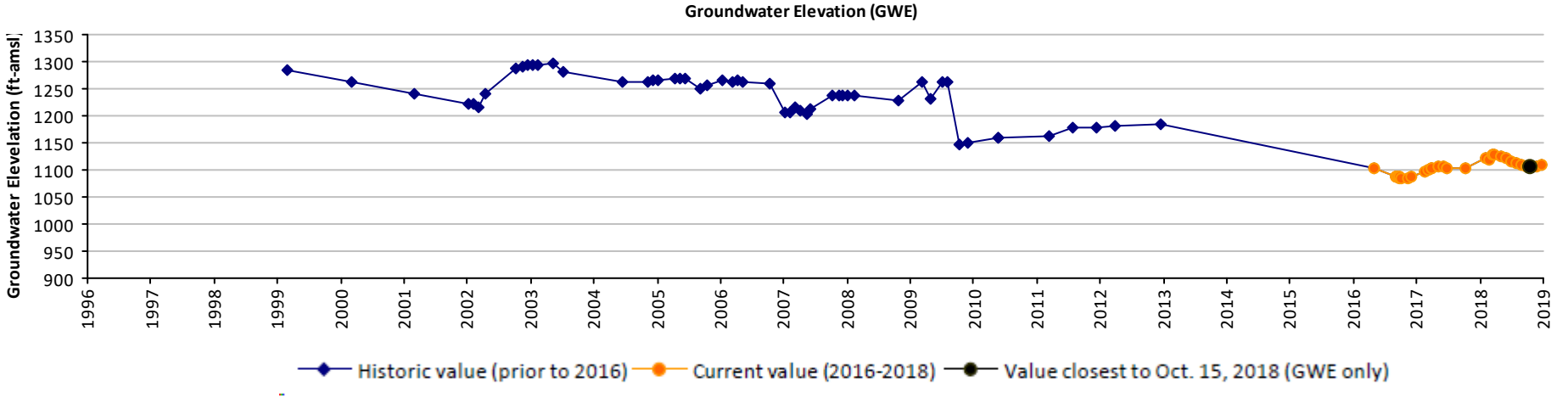
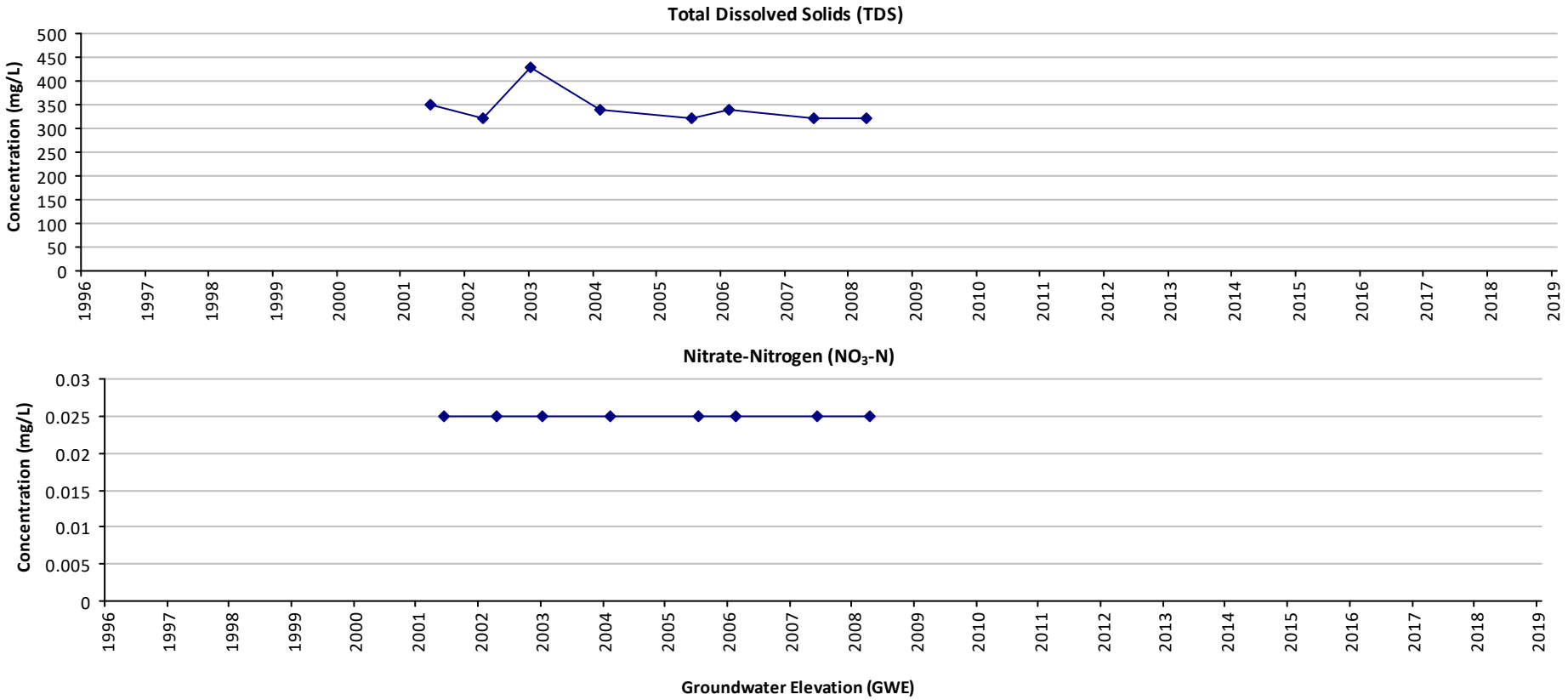
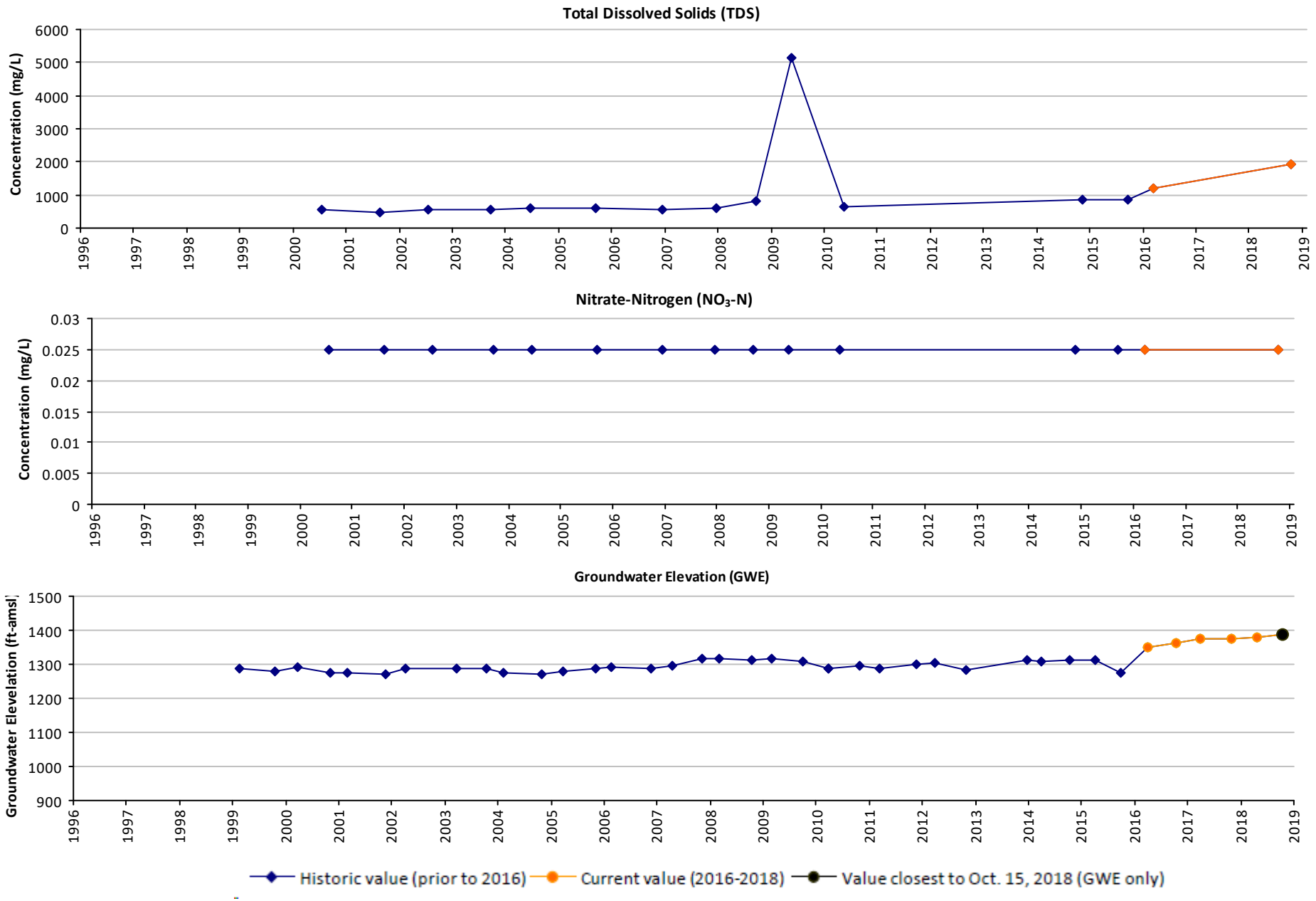
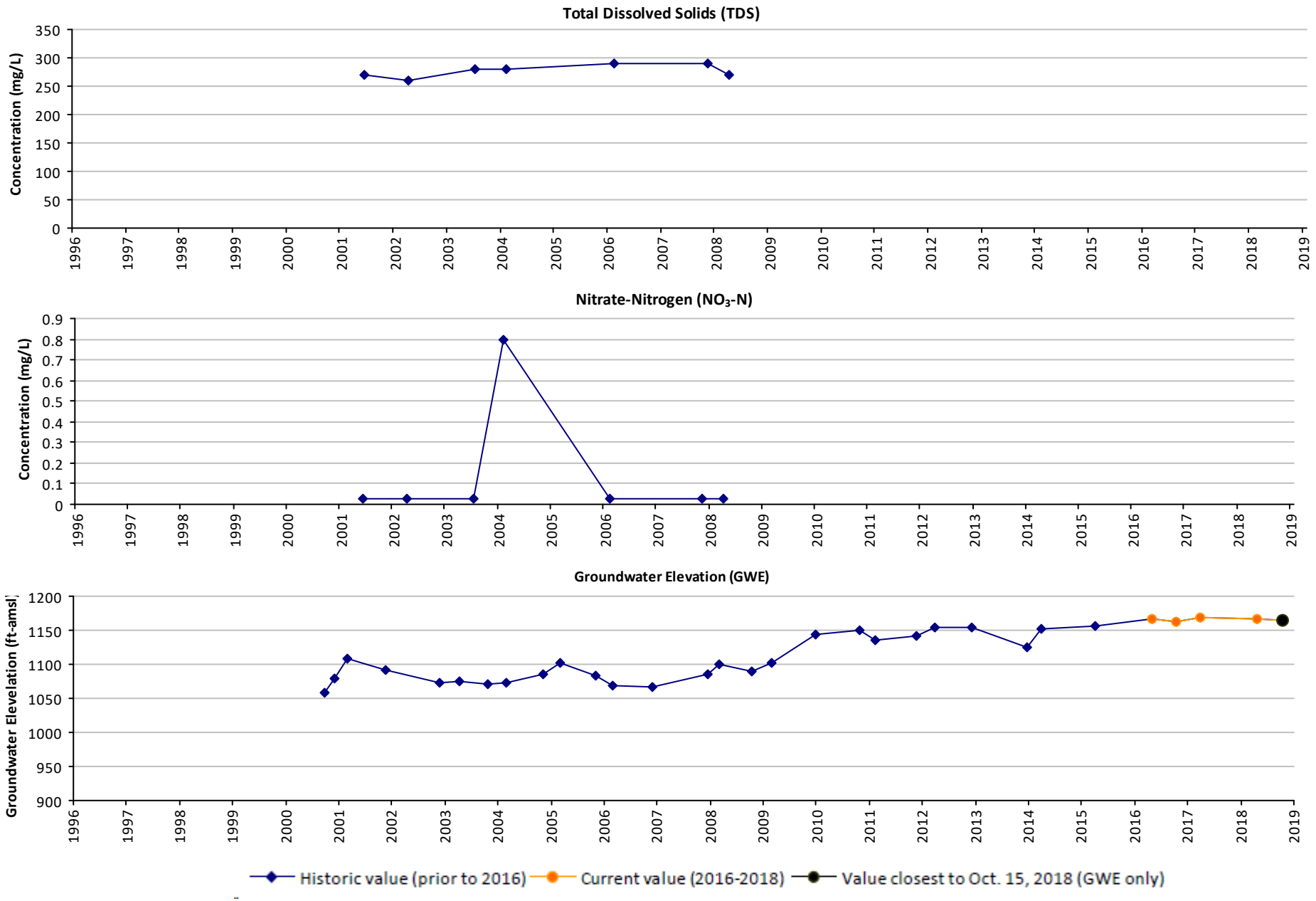
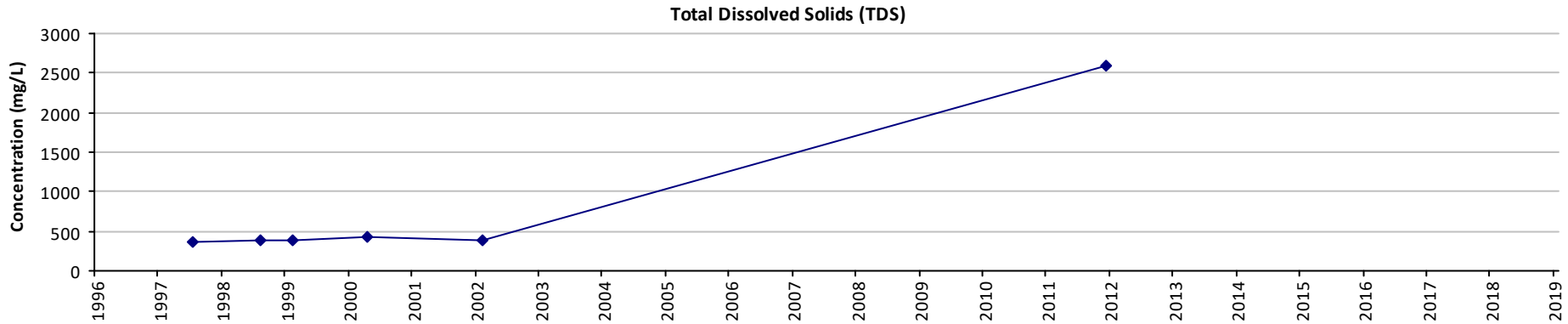
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
1300
1350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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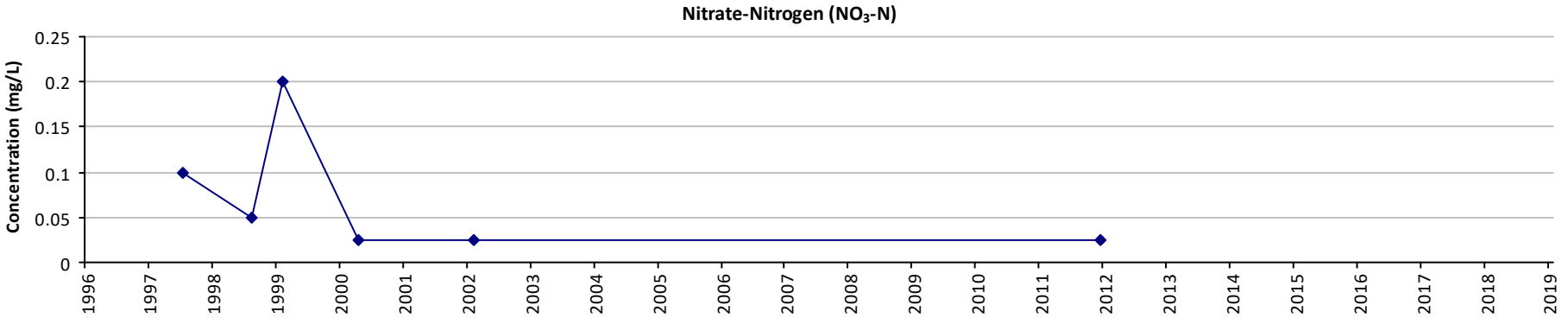
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
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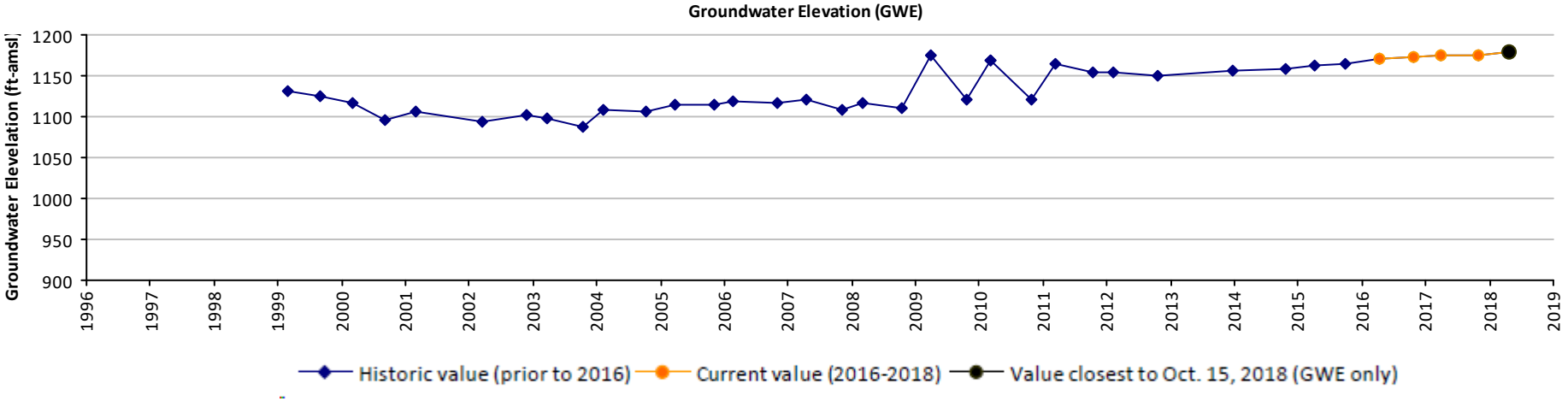
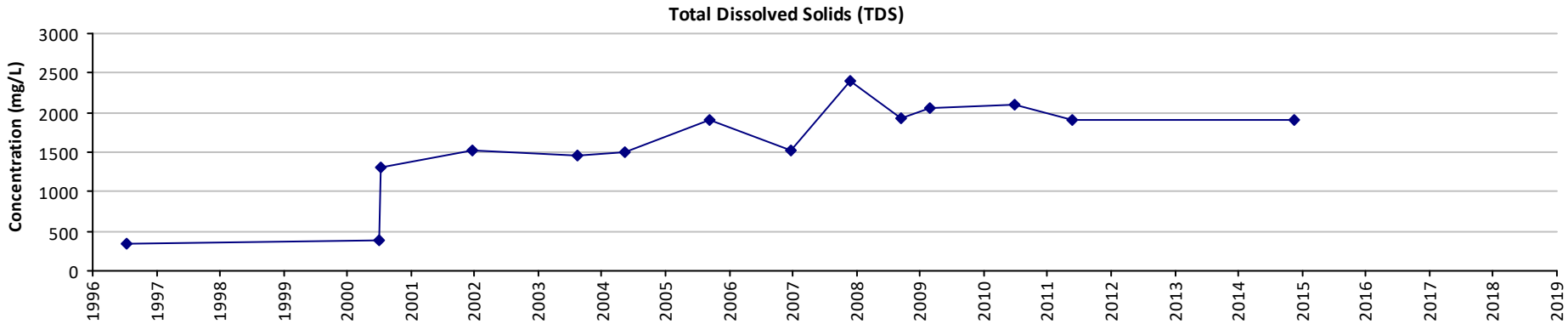
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
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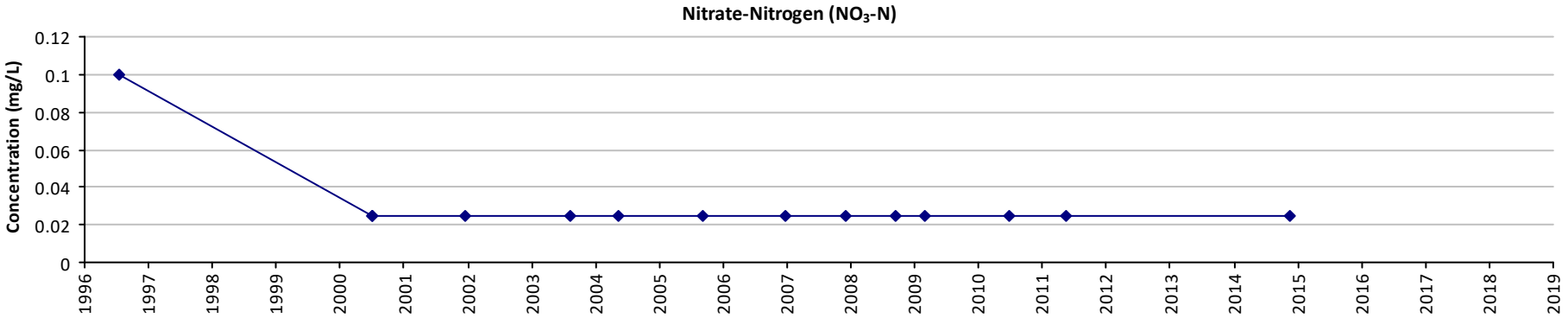
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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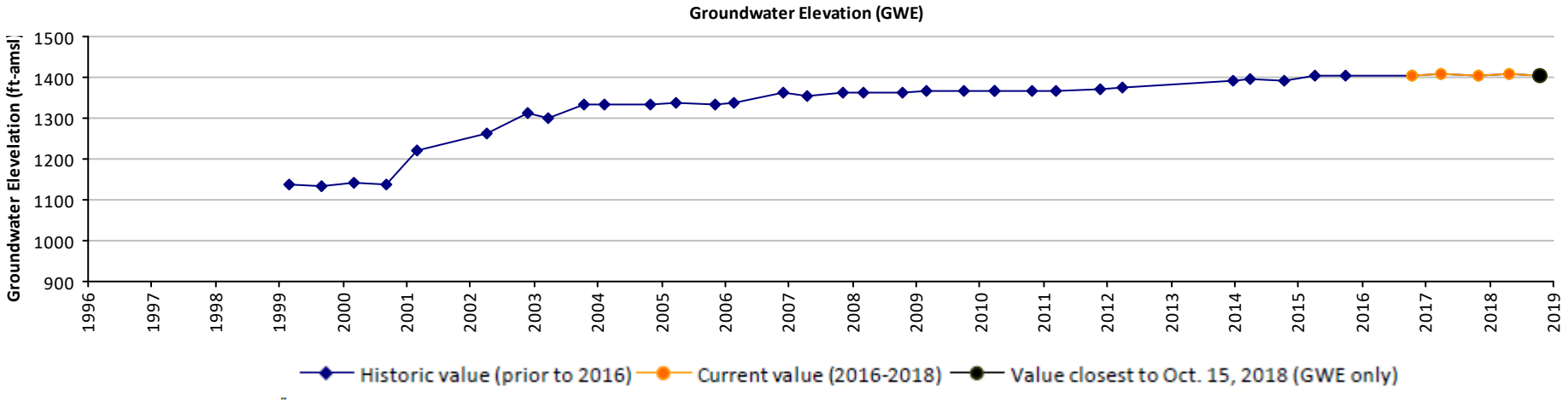
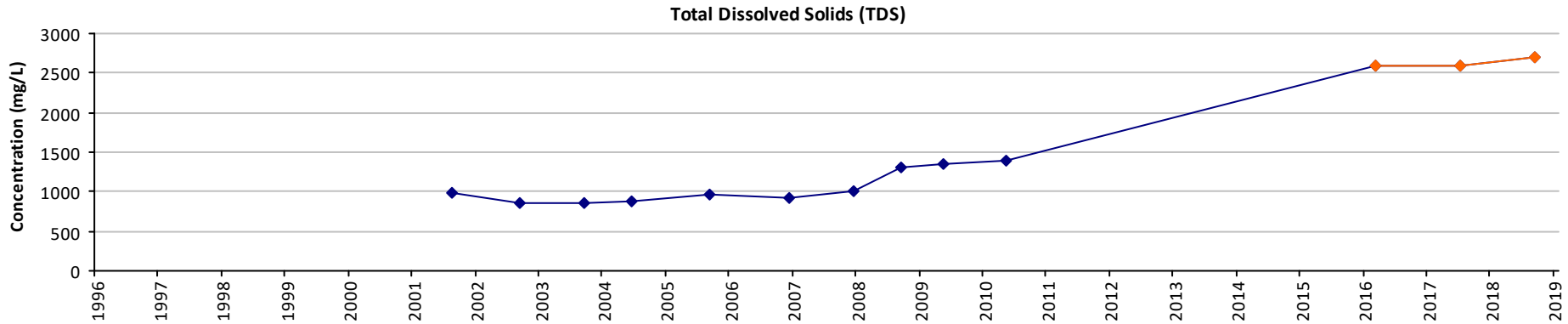
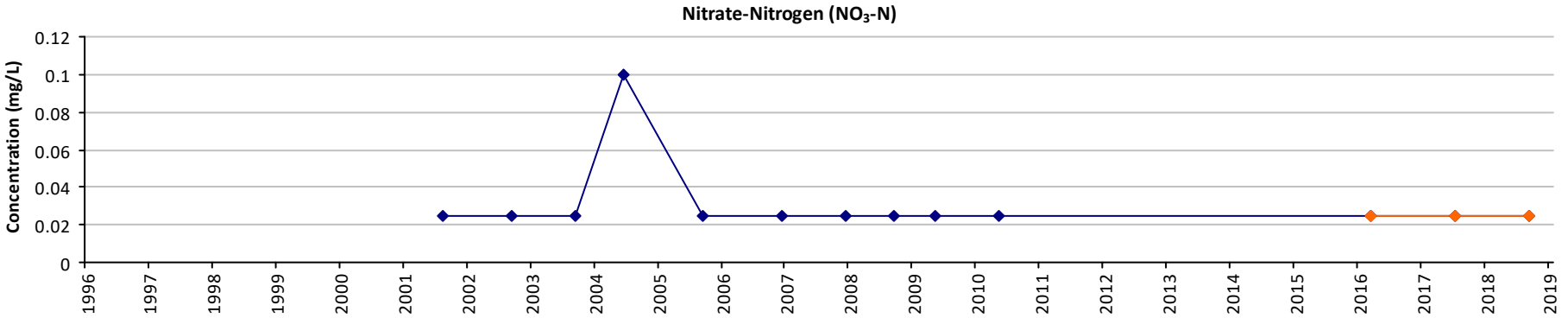
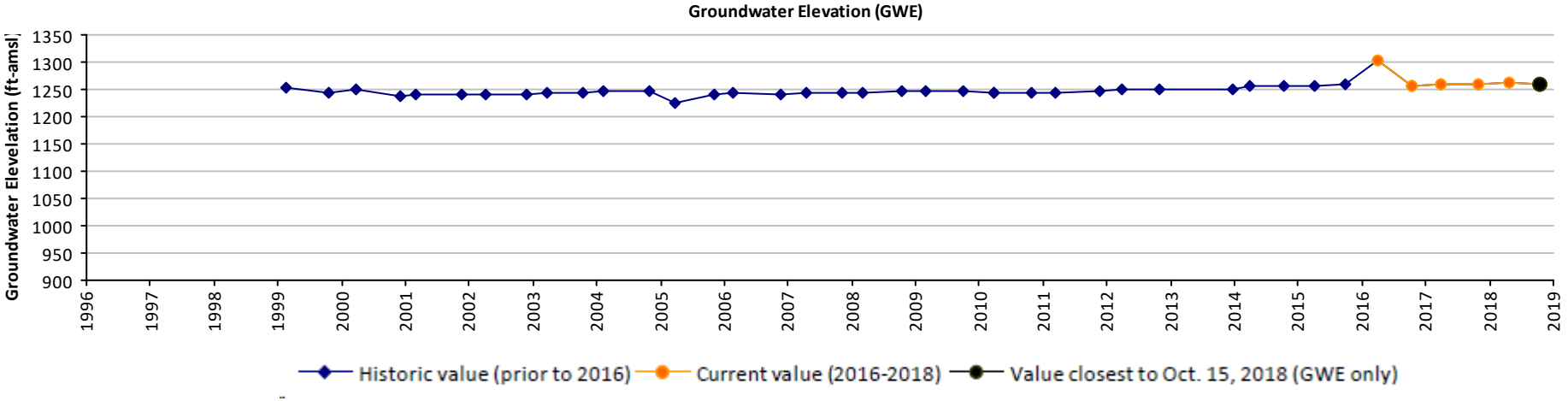
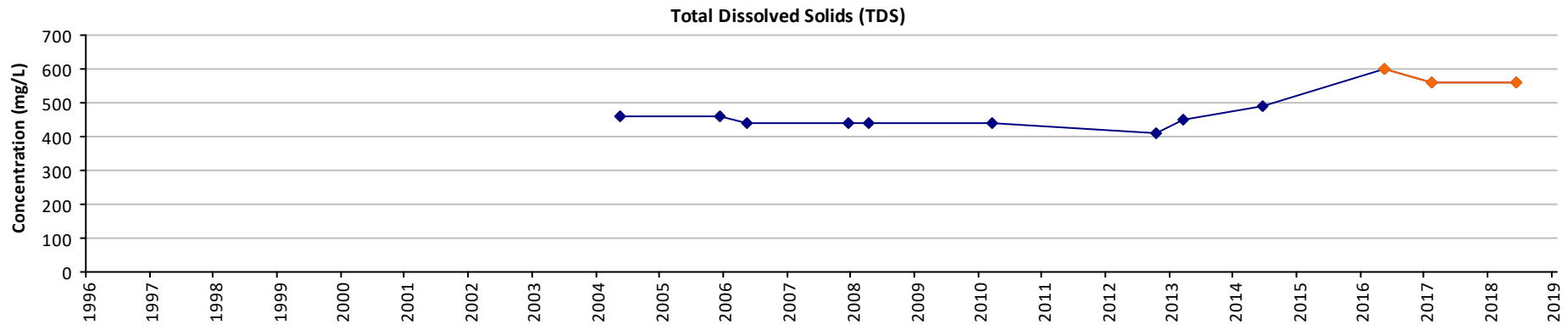
2011
2012
2013
2014
2015
2016
2017
2018
2019

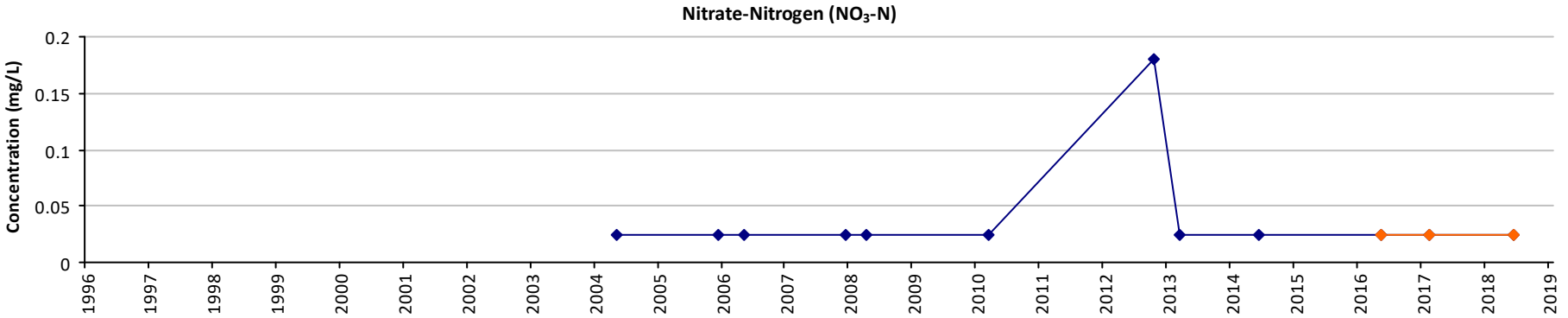

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

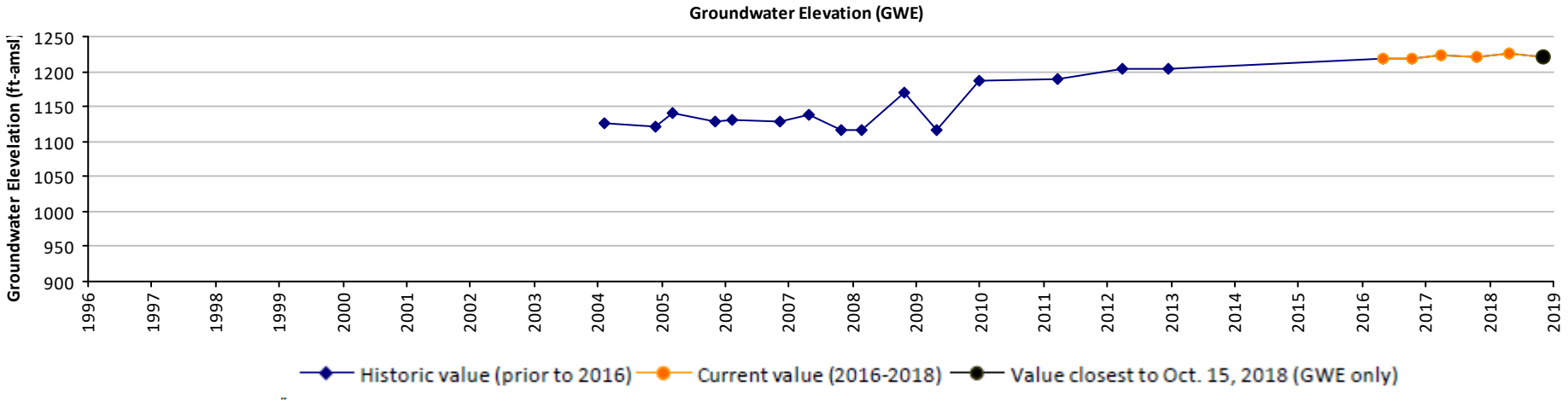

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

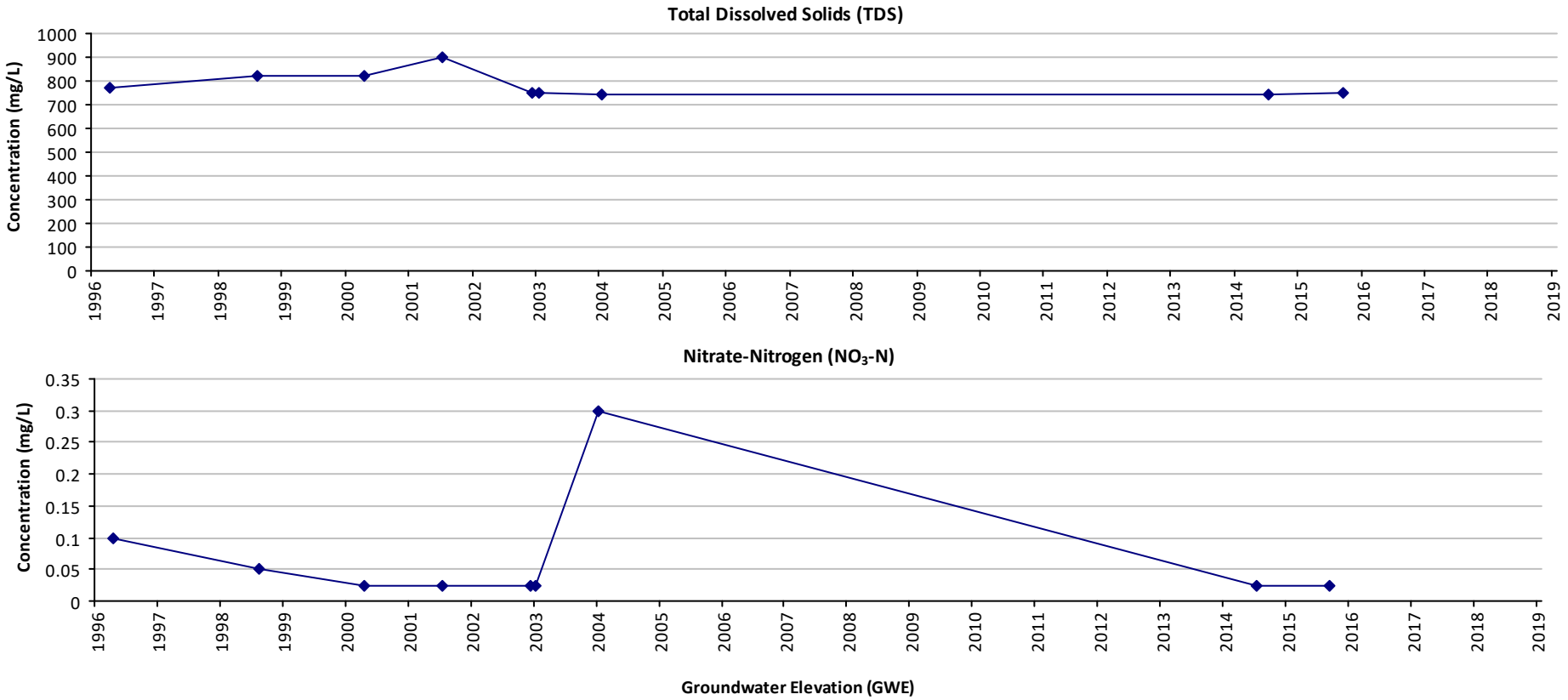

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

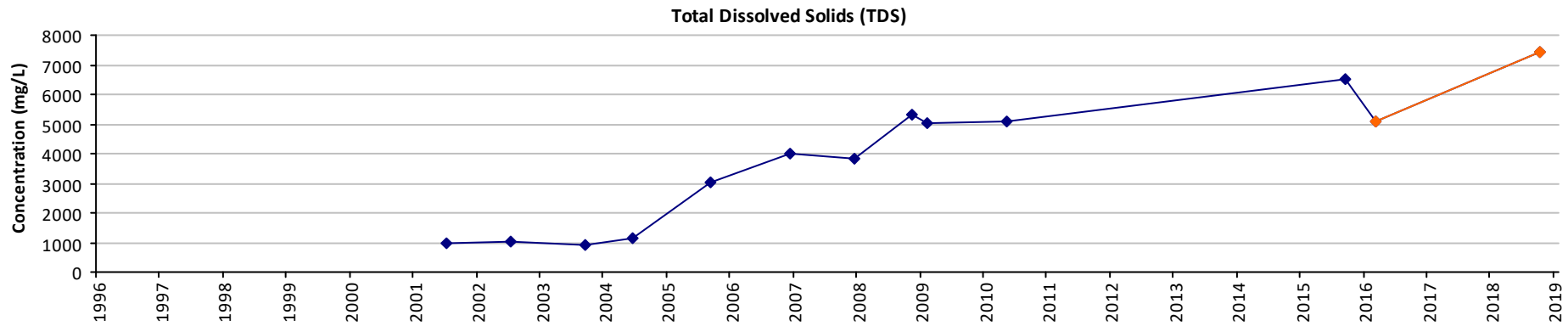

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

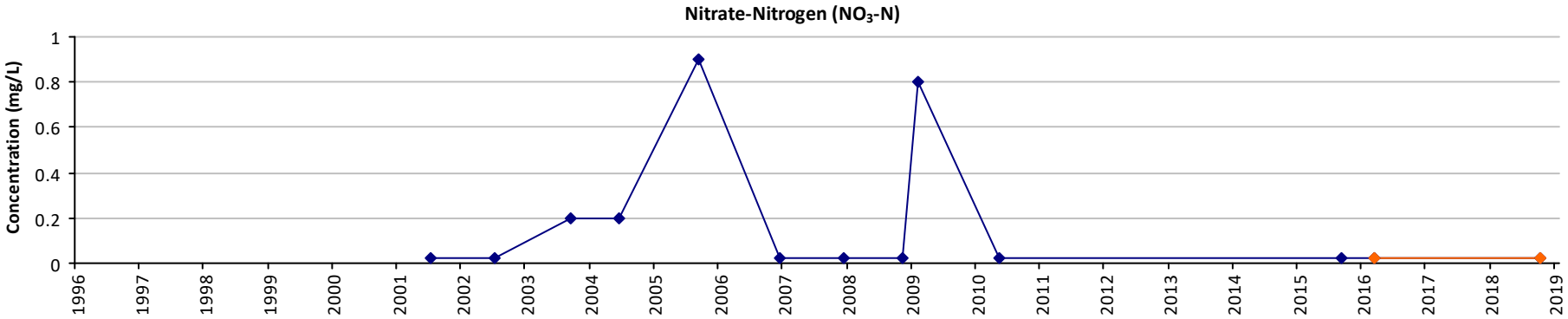

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

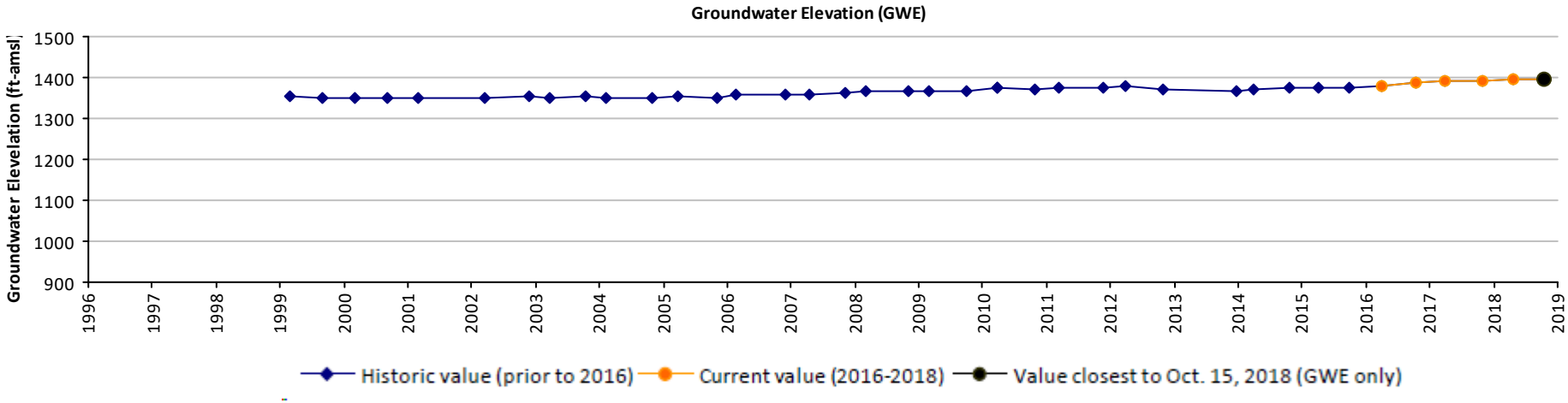

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

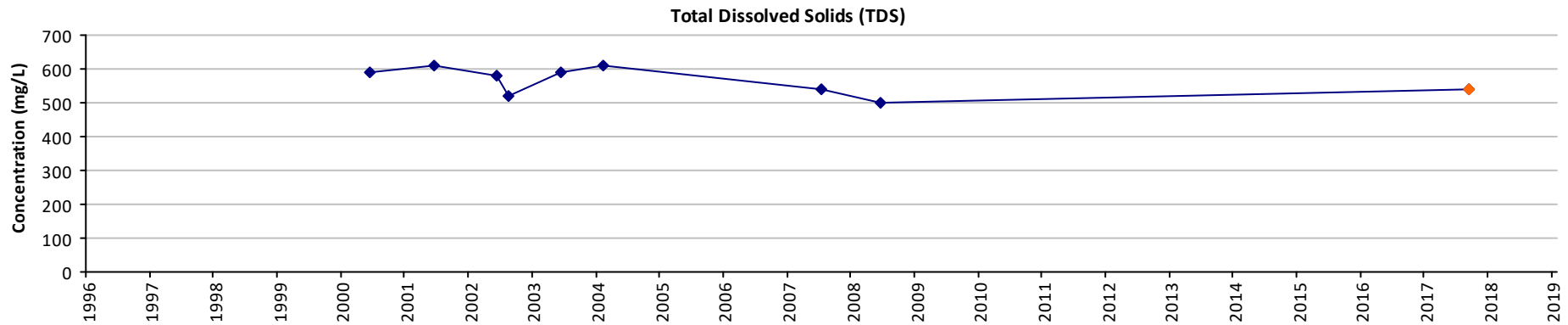

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1
0.8
0.6
0.4
0.2
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1500
1400
1300
1200
1100
1000
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
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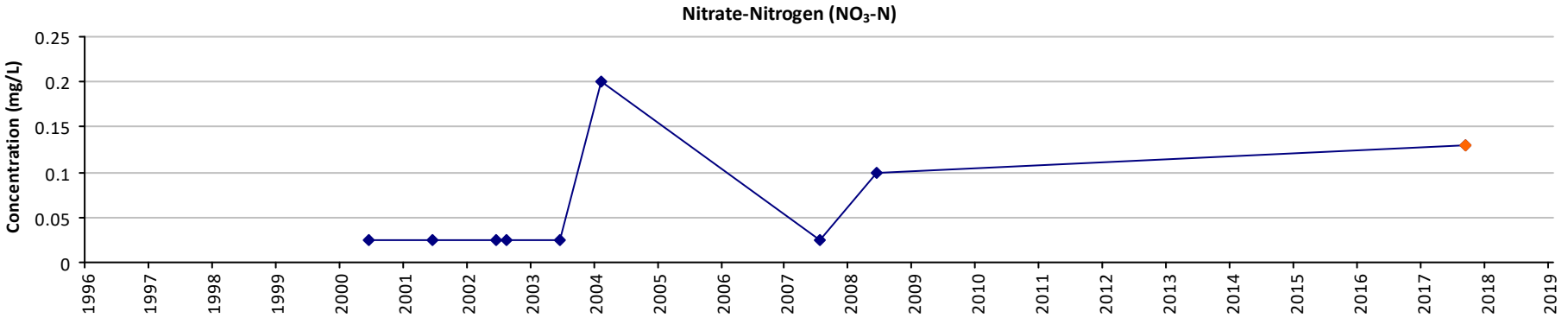
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2006
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2008
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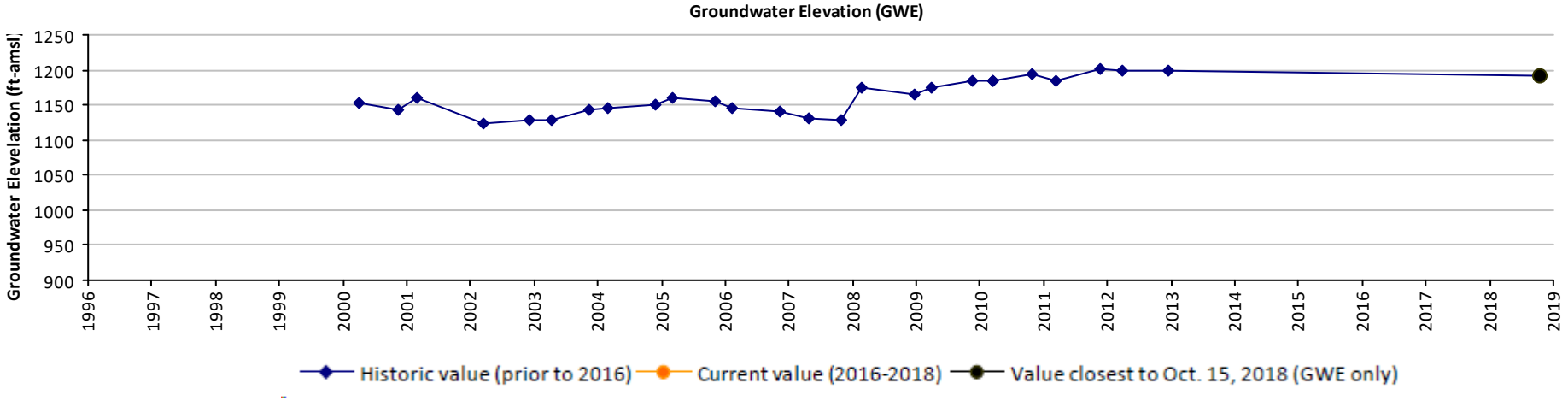
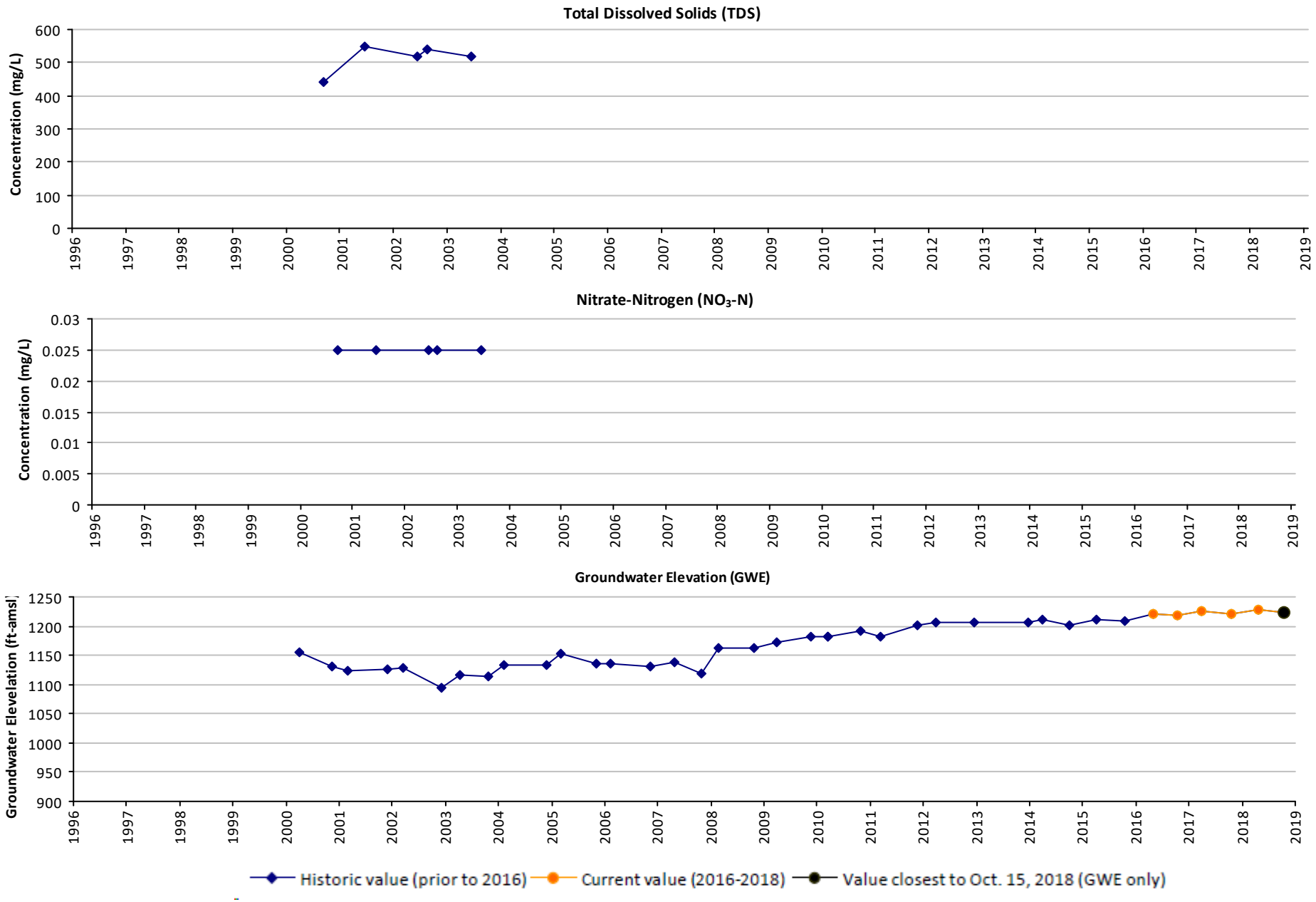
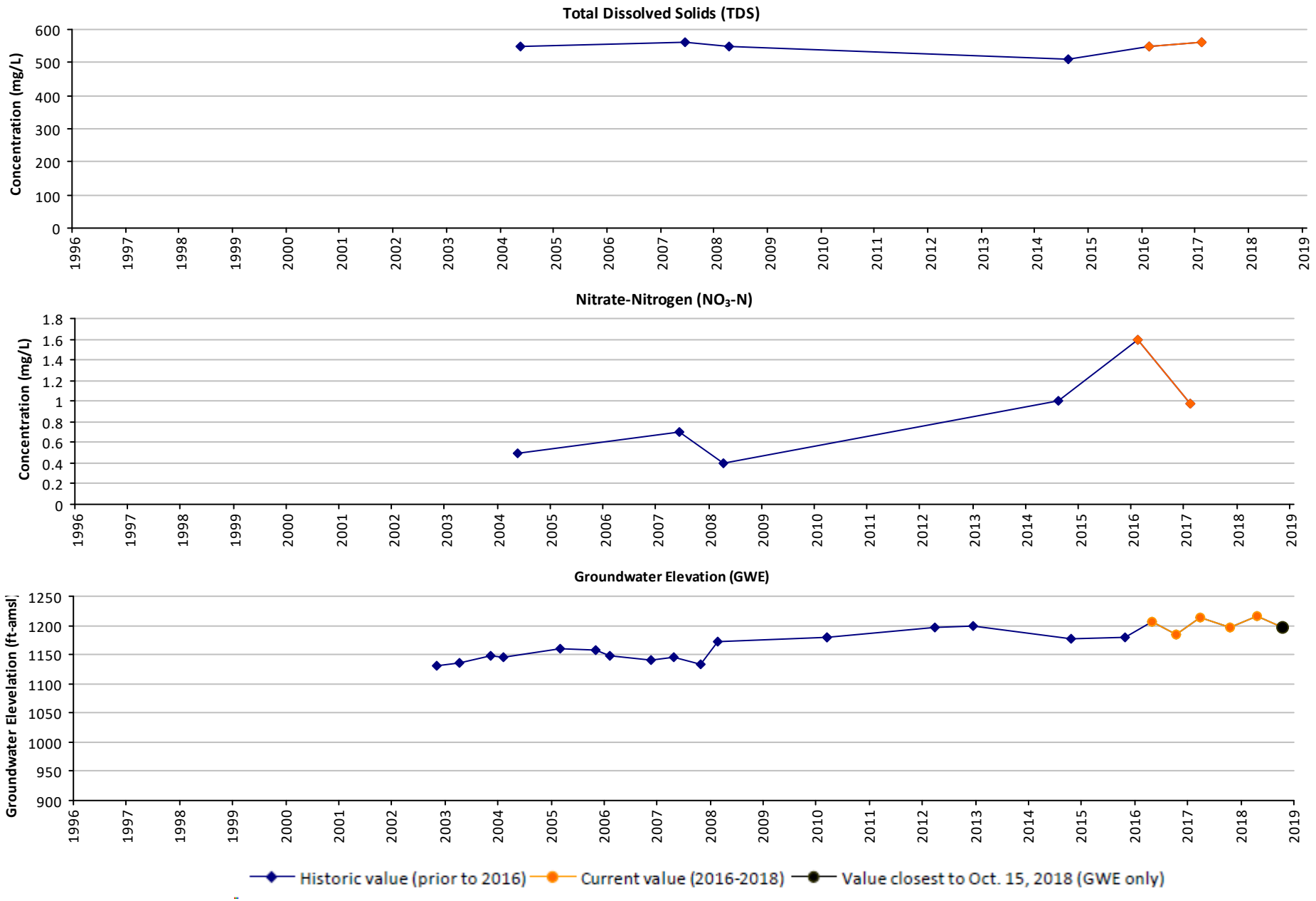
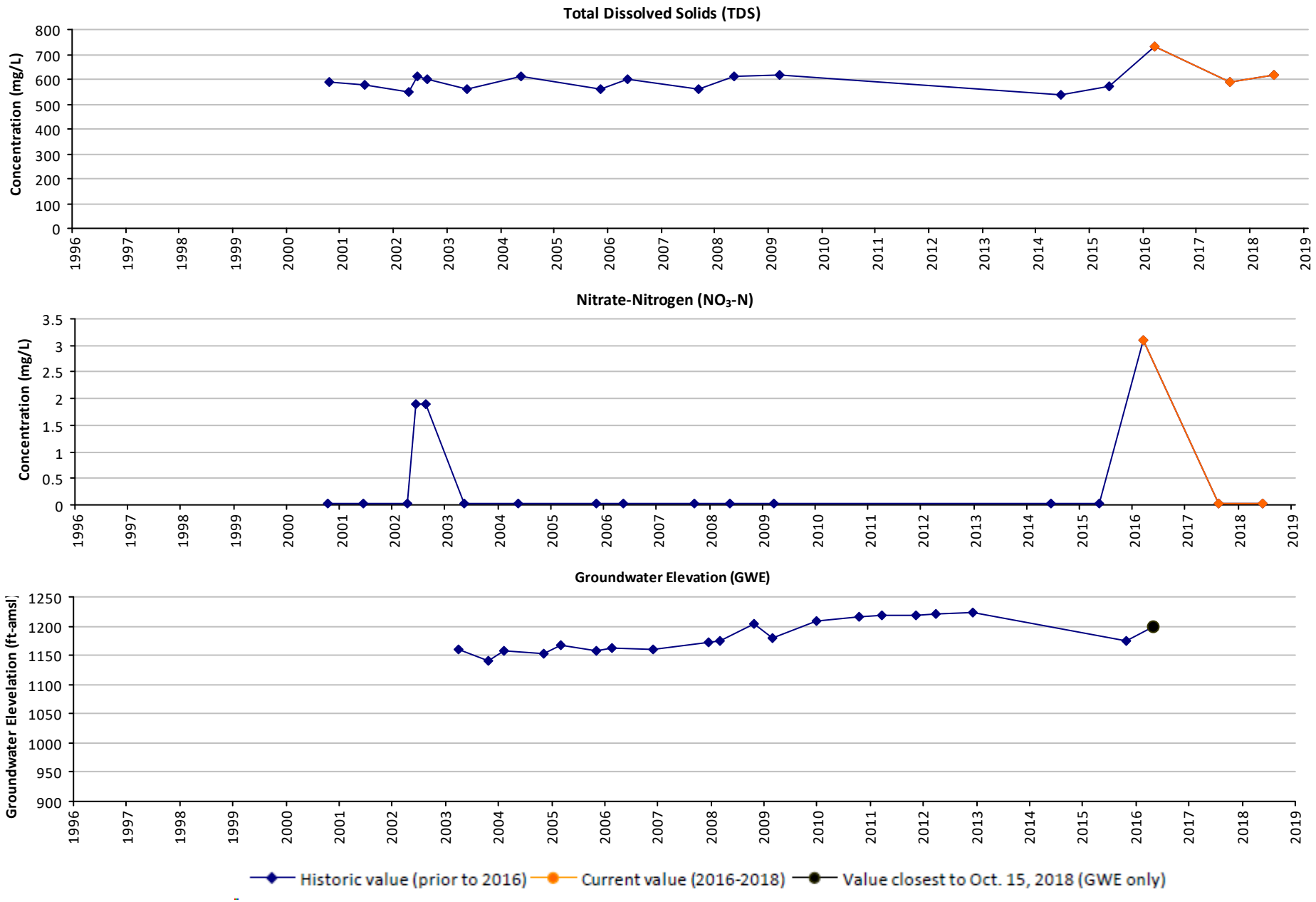
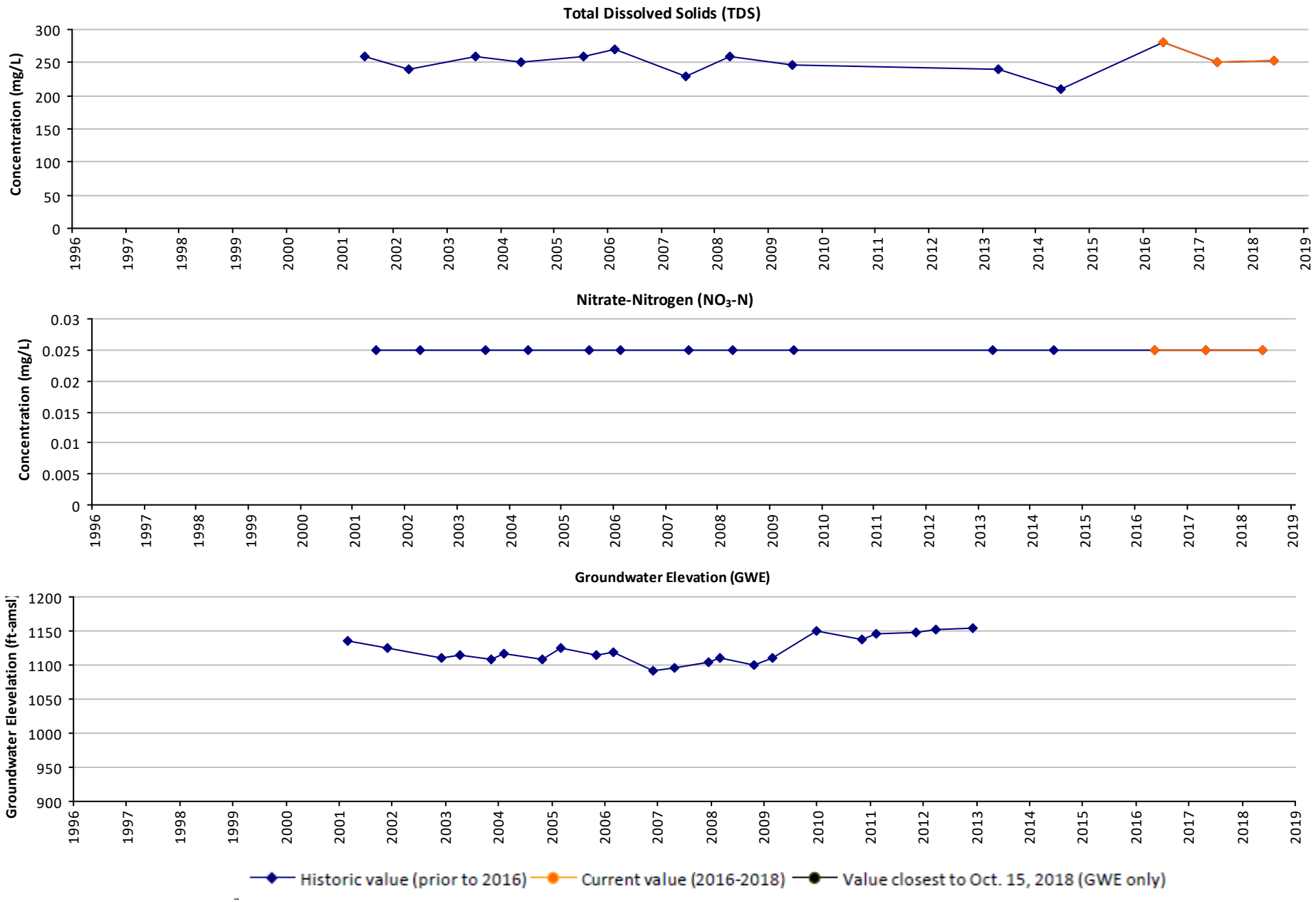
2018
2019

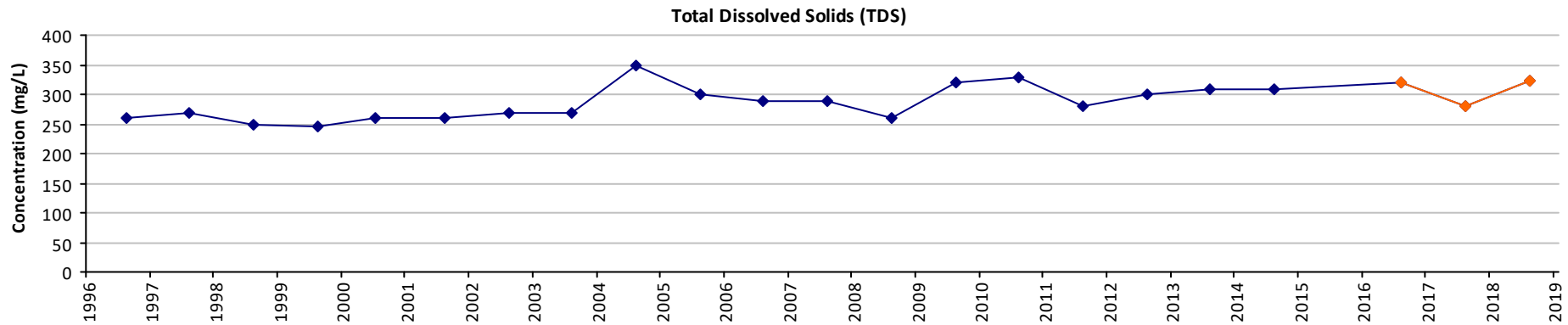

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

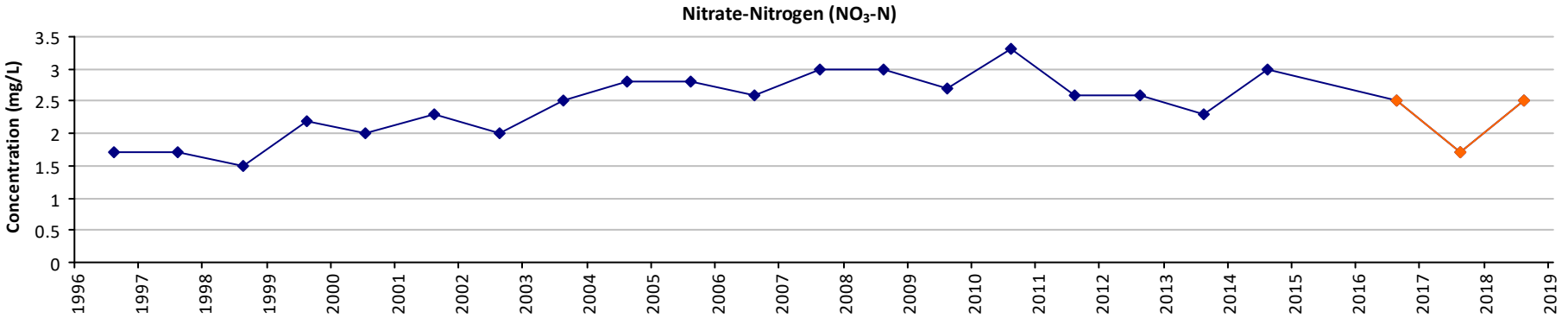

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

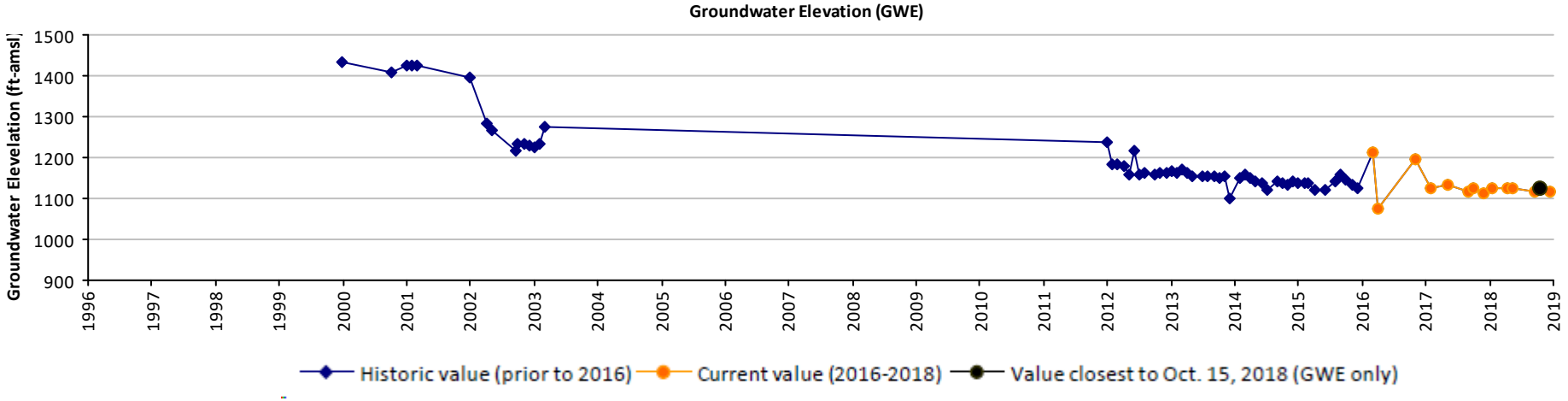

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

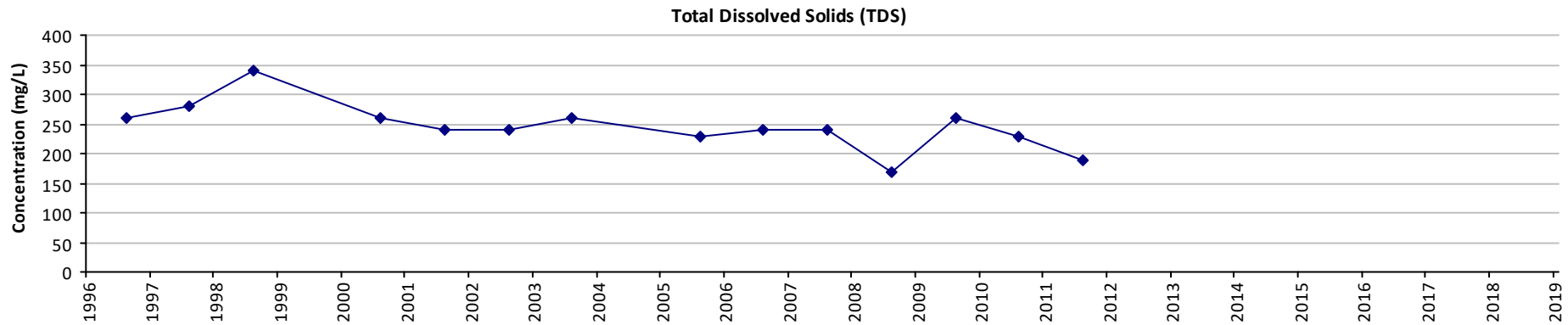

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
1100
1050
1000
950
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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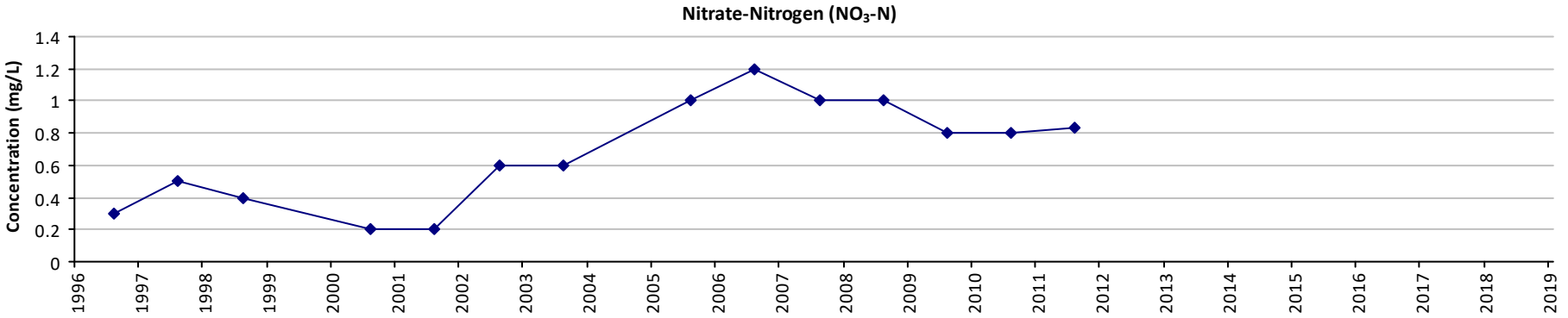
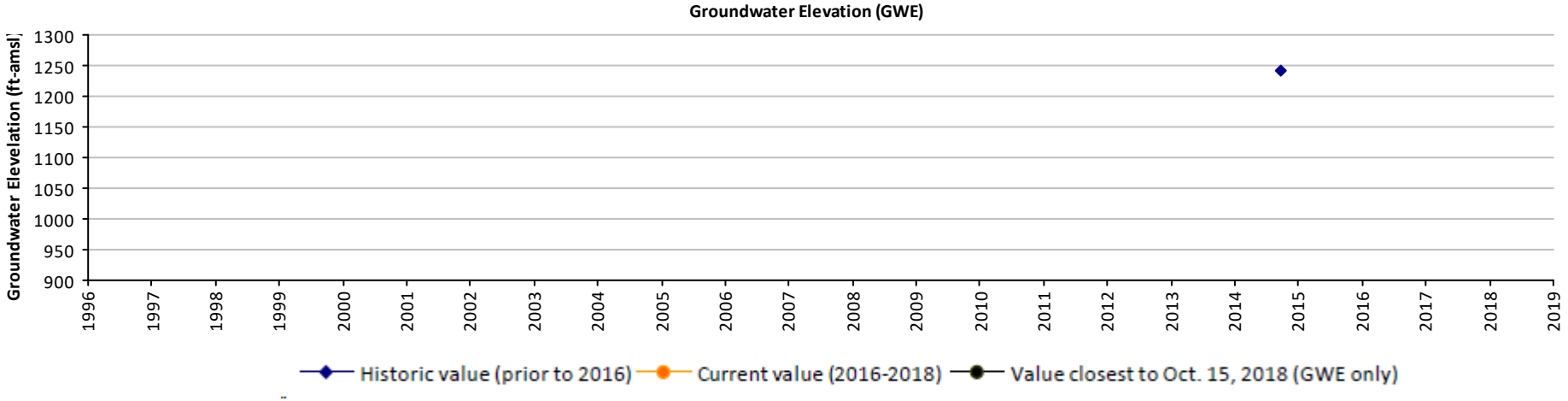
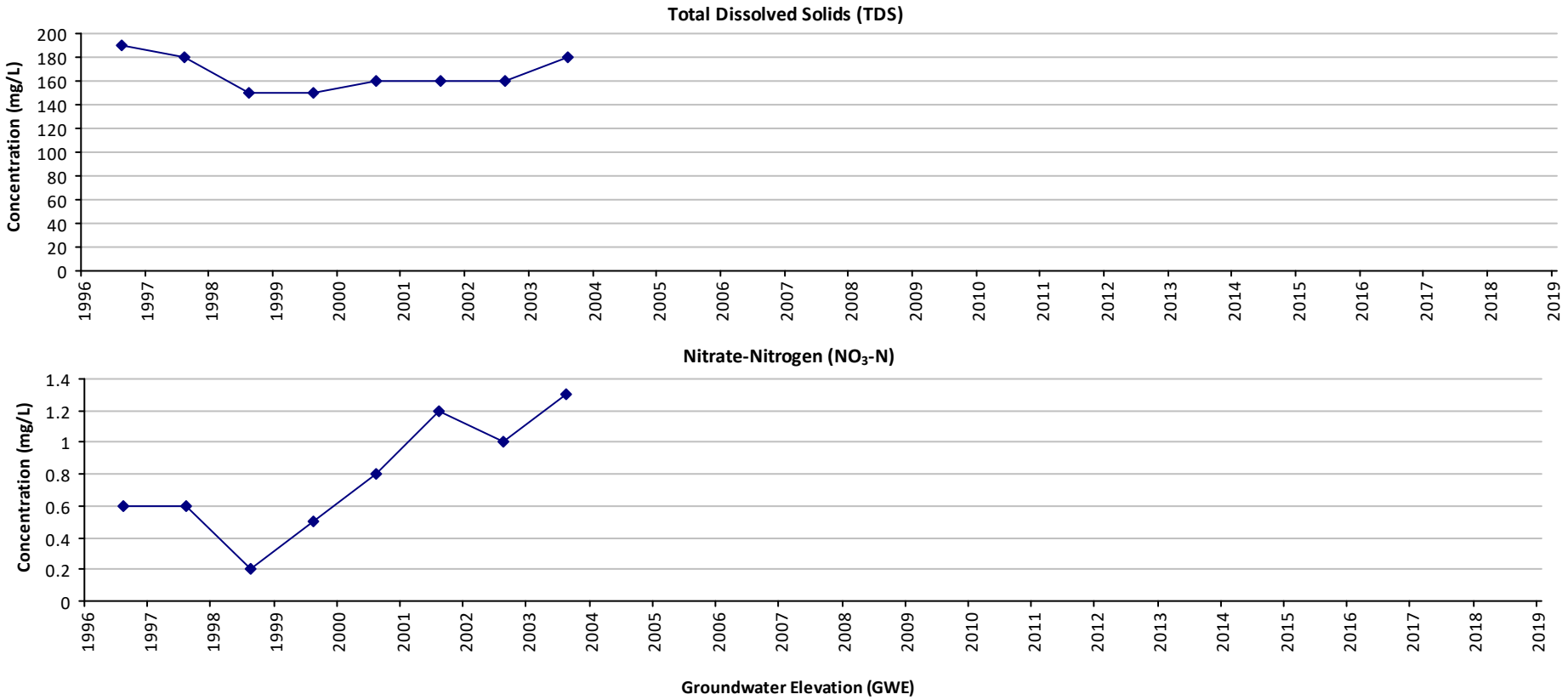
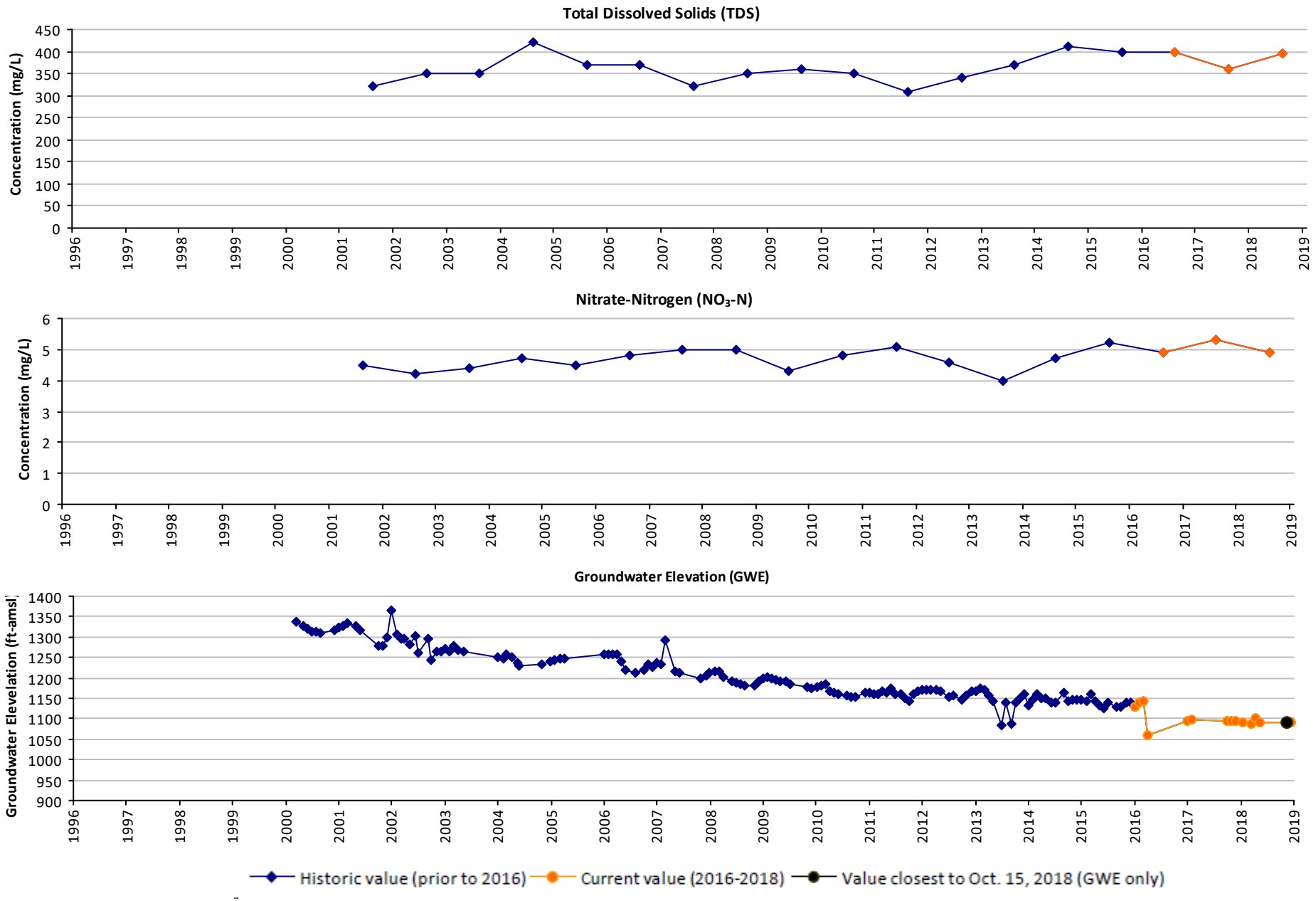
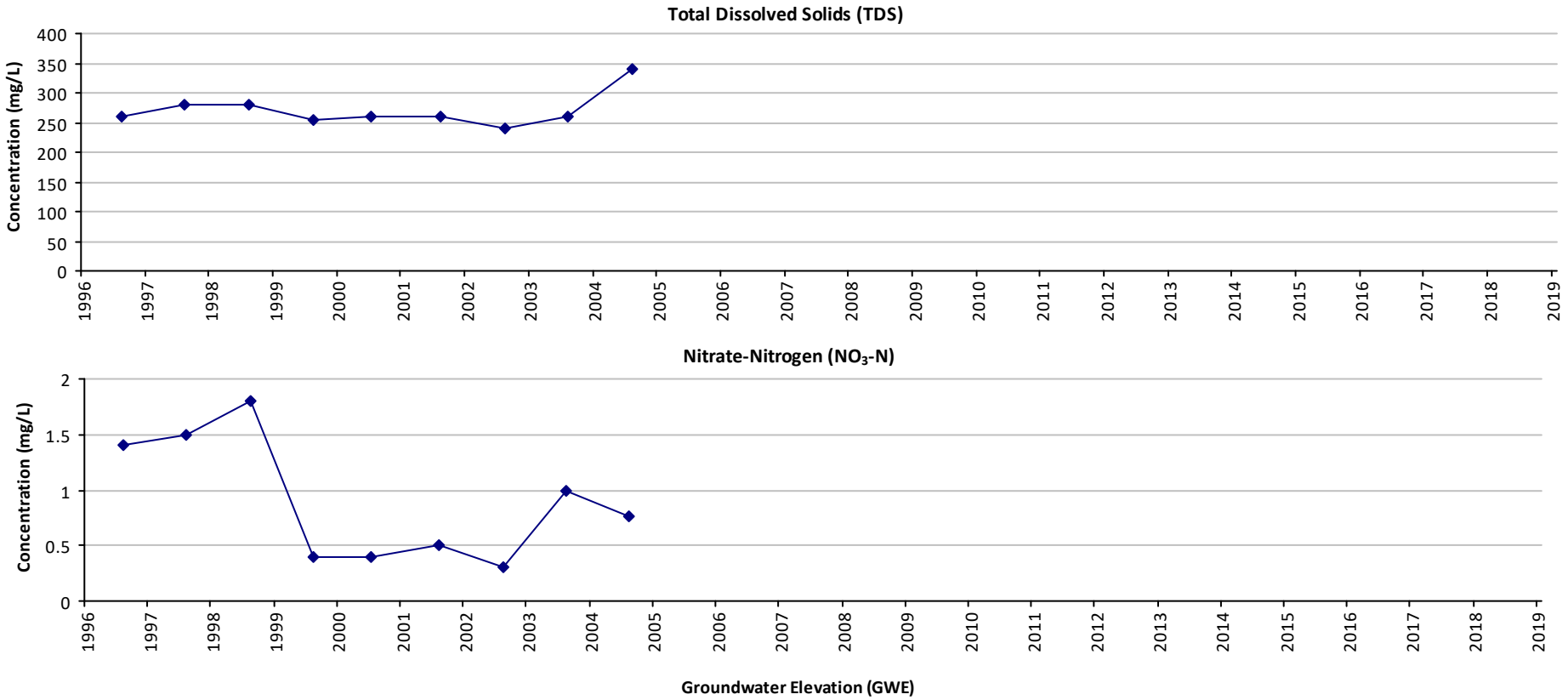
2011
2012
2013
2014
2015
2016
2017
2018
2019

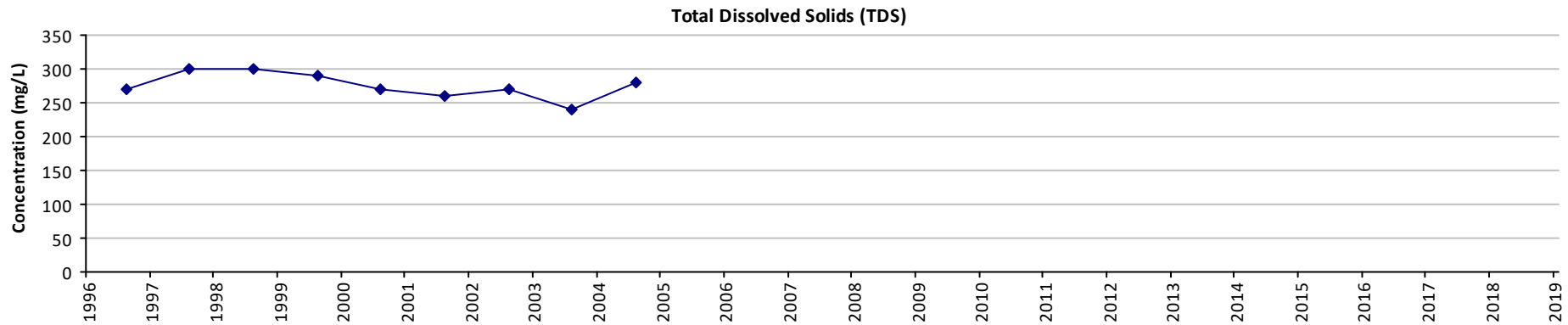

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

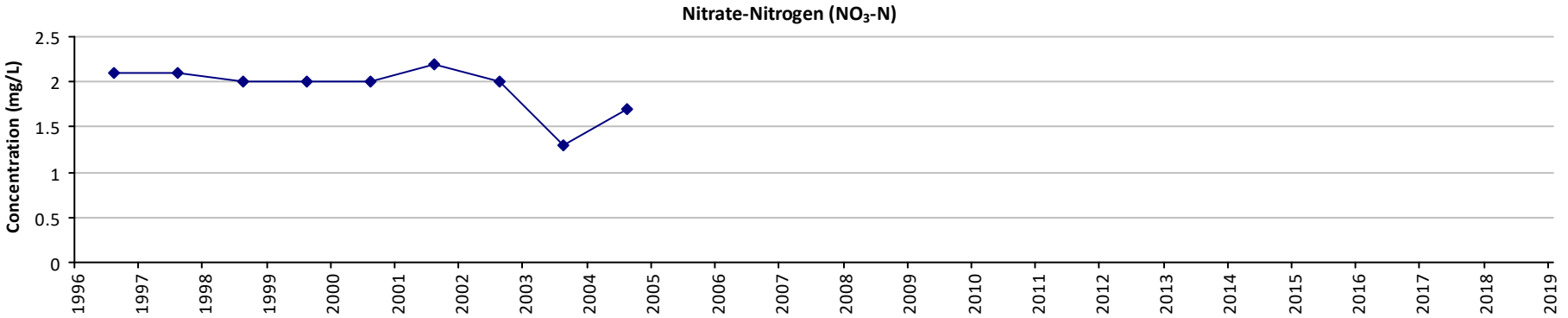

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
20
40
60
80
100
120
140
160
180
200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
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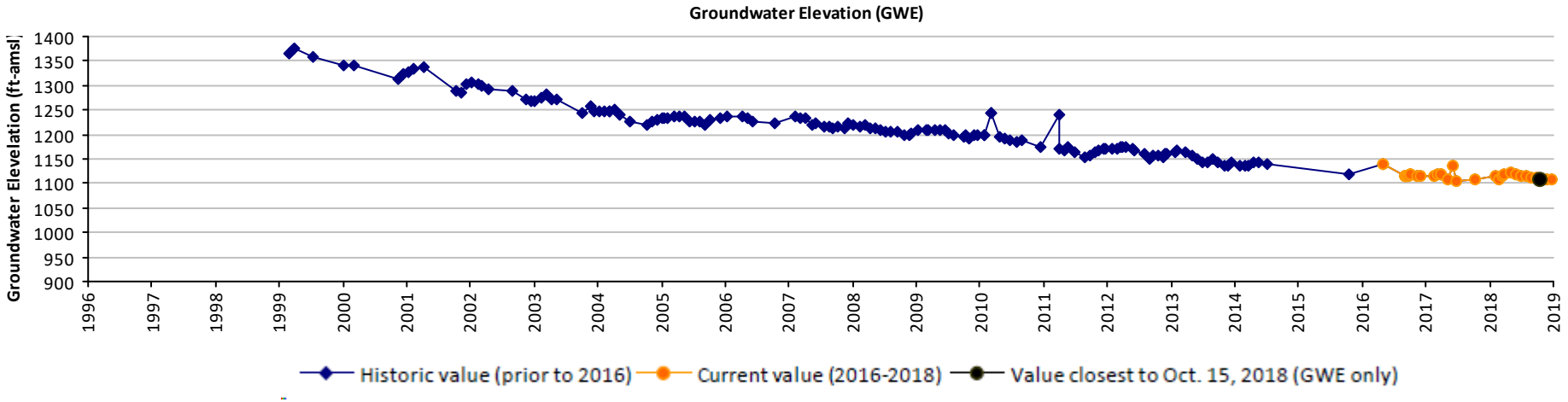
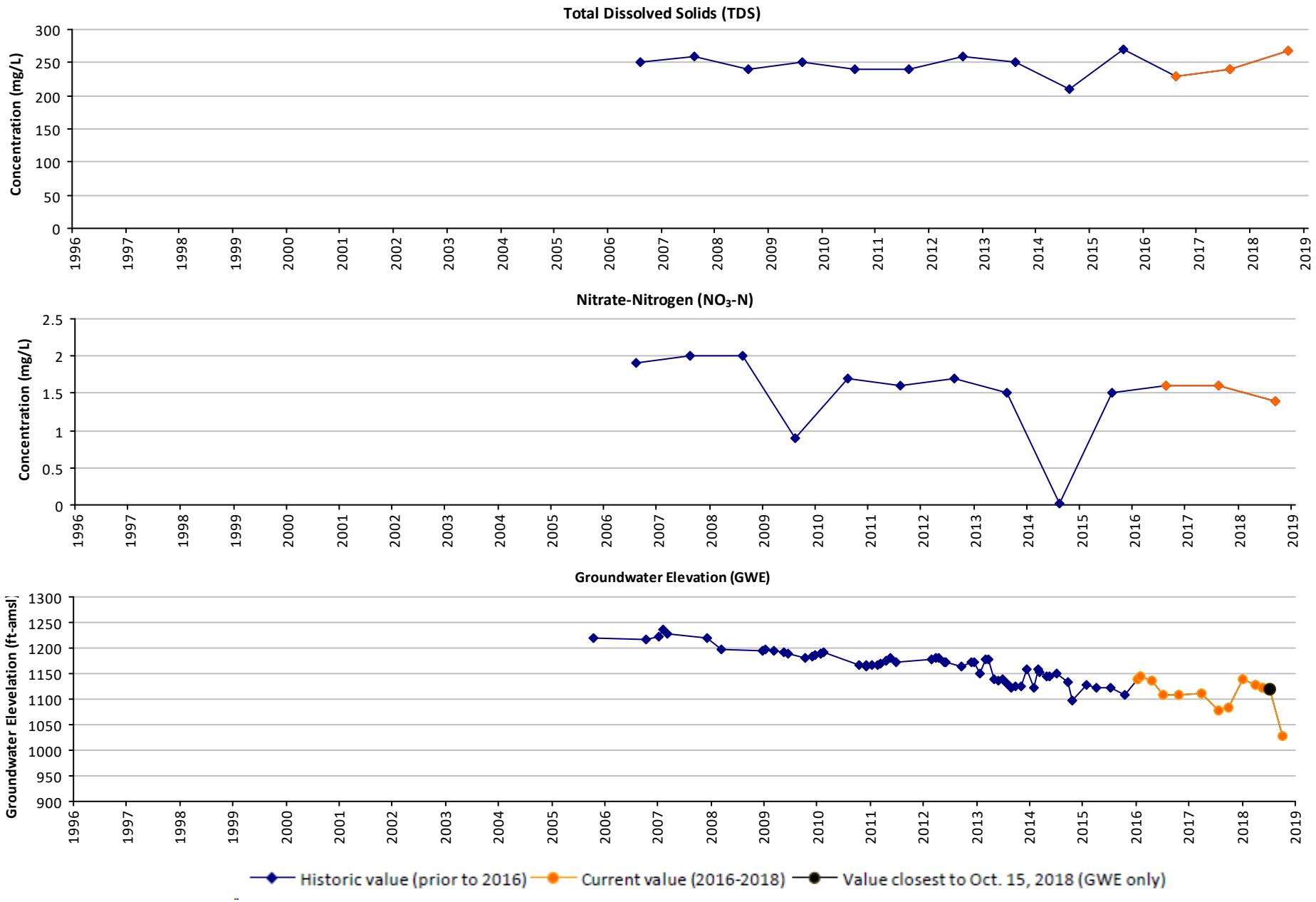
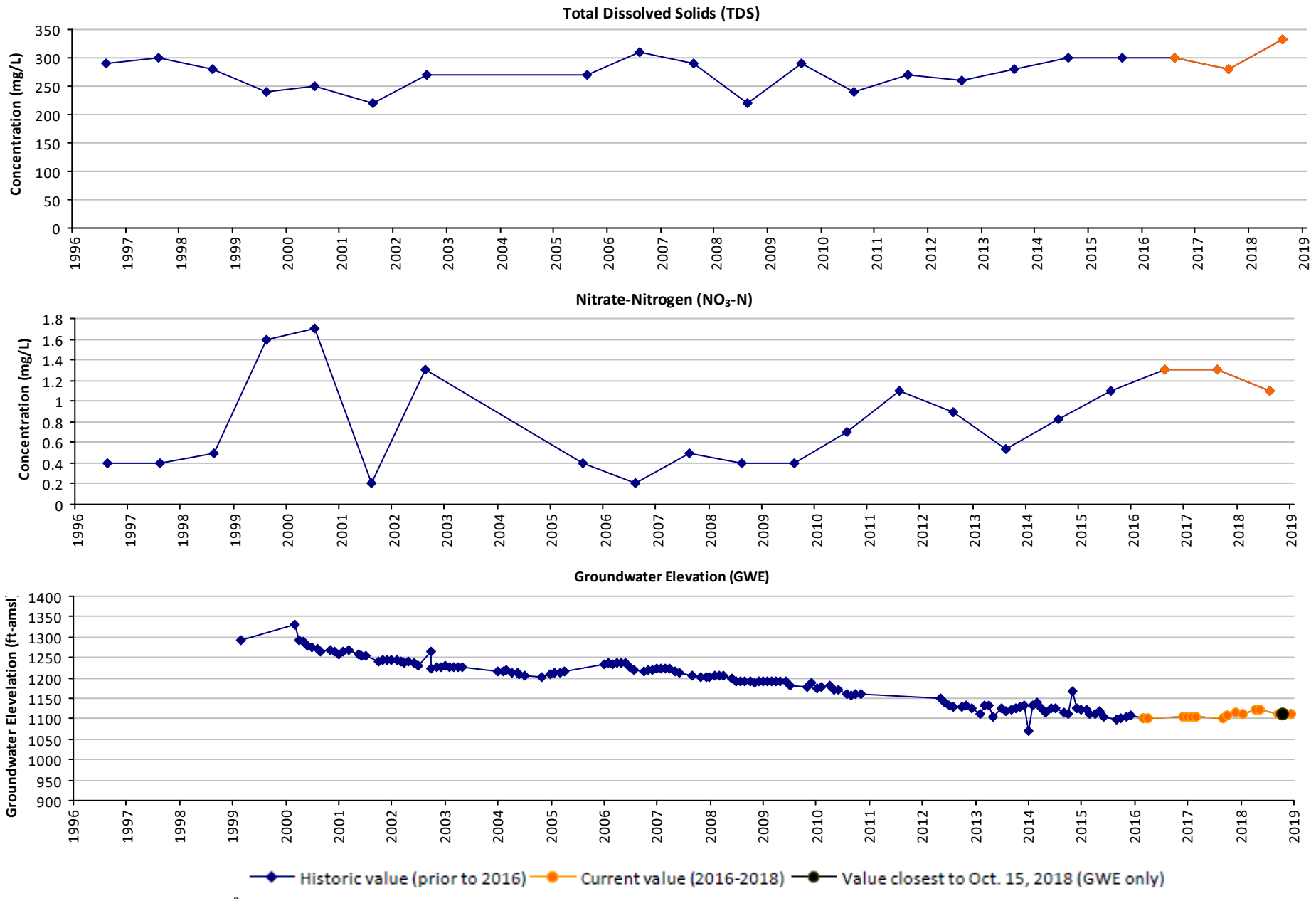
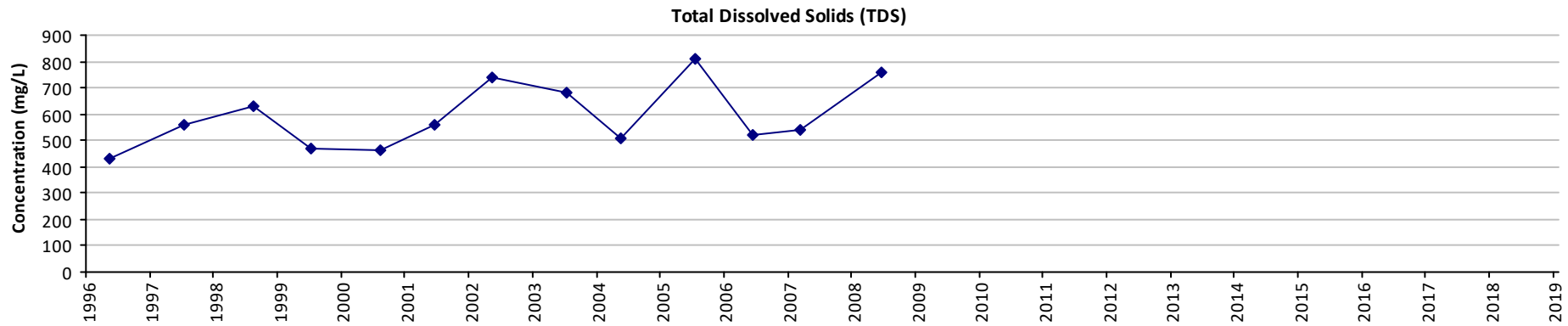
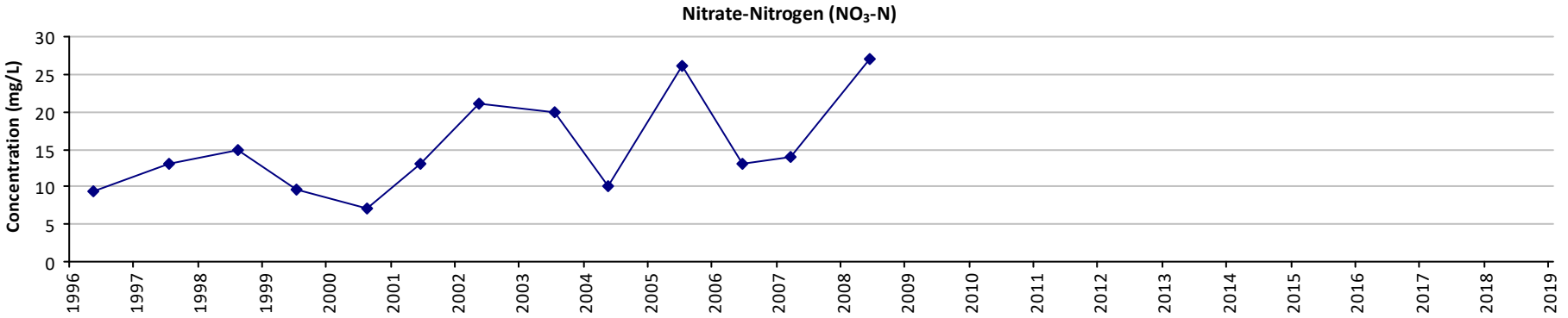
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
1200
1250
1300
1350
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
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2010
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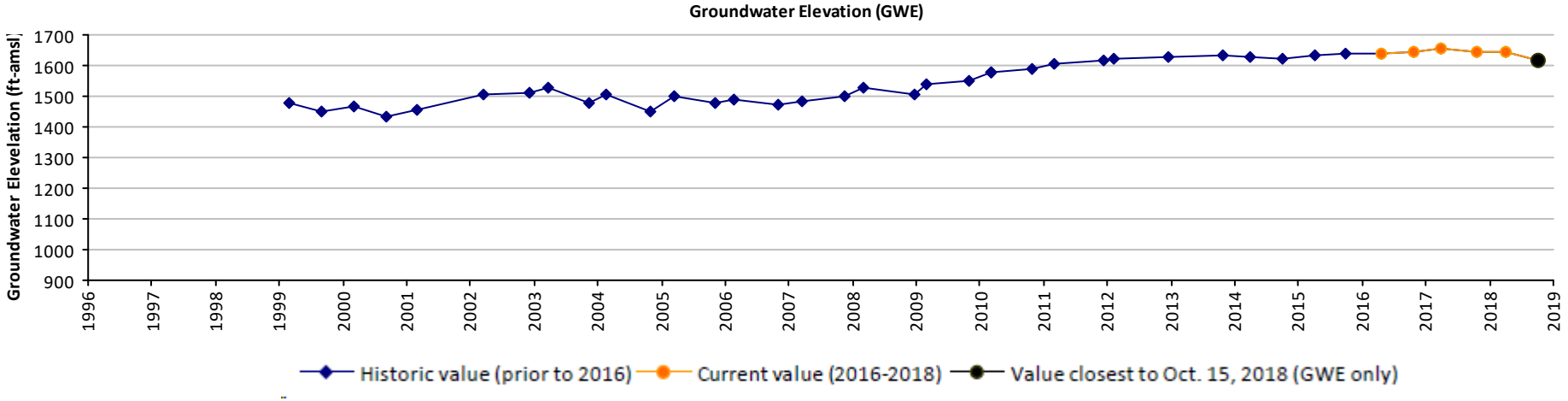
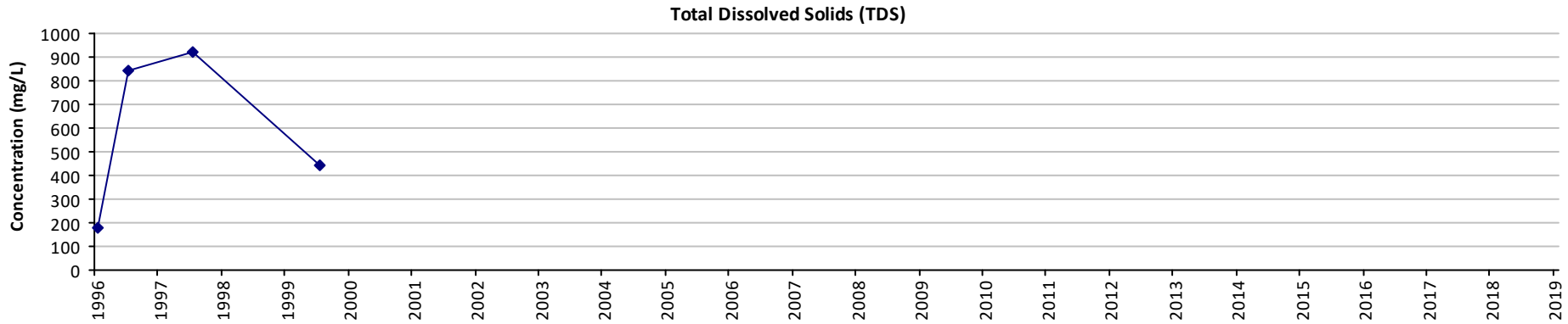
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1600
1700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
800
900
1000
1996
1997
1998
1999
2000
2001
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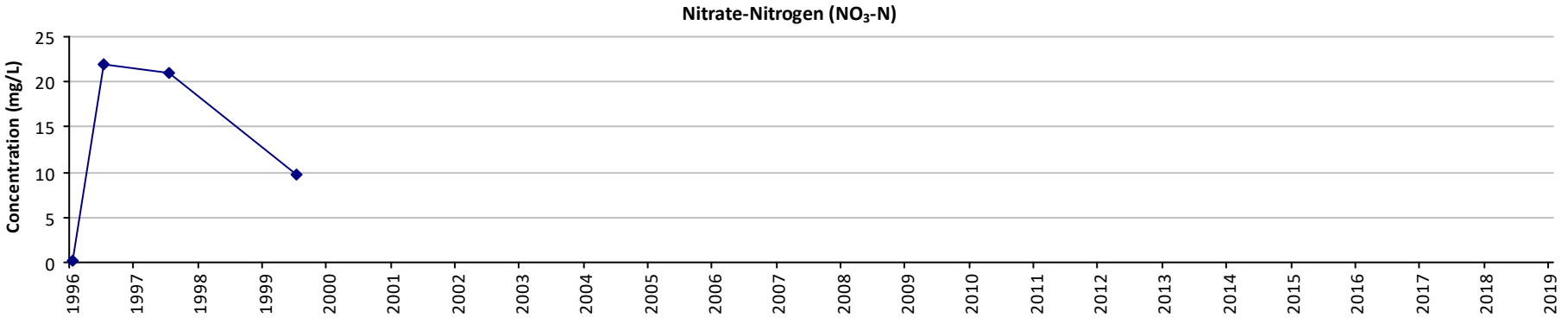
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
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2016
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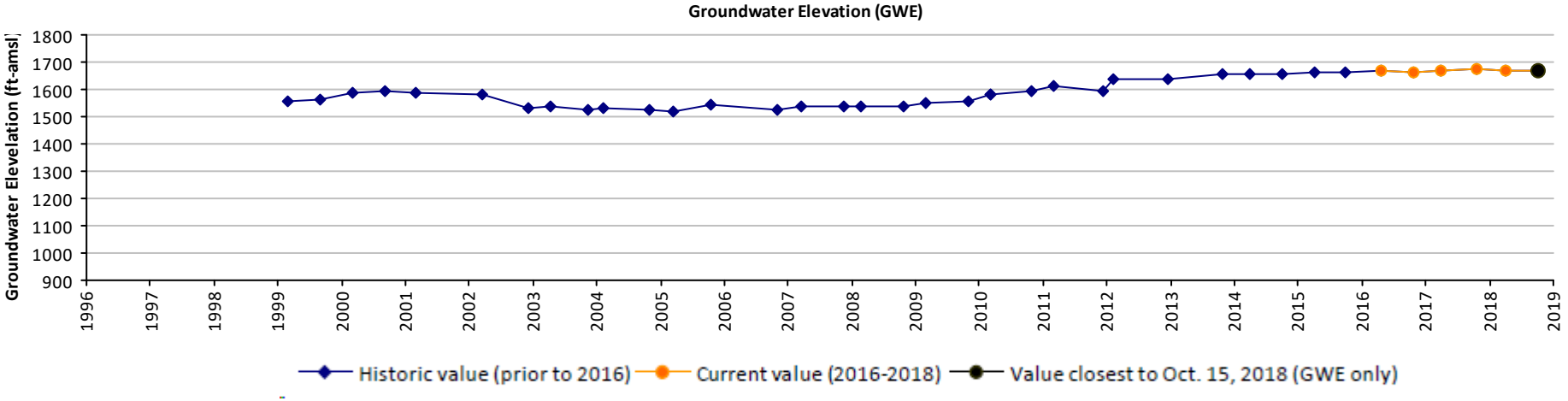
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1996
1997
1998
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2000
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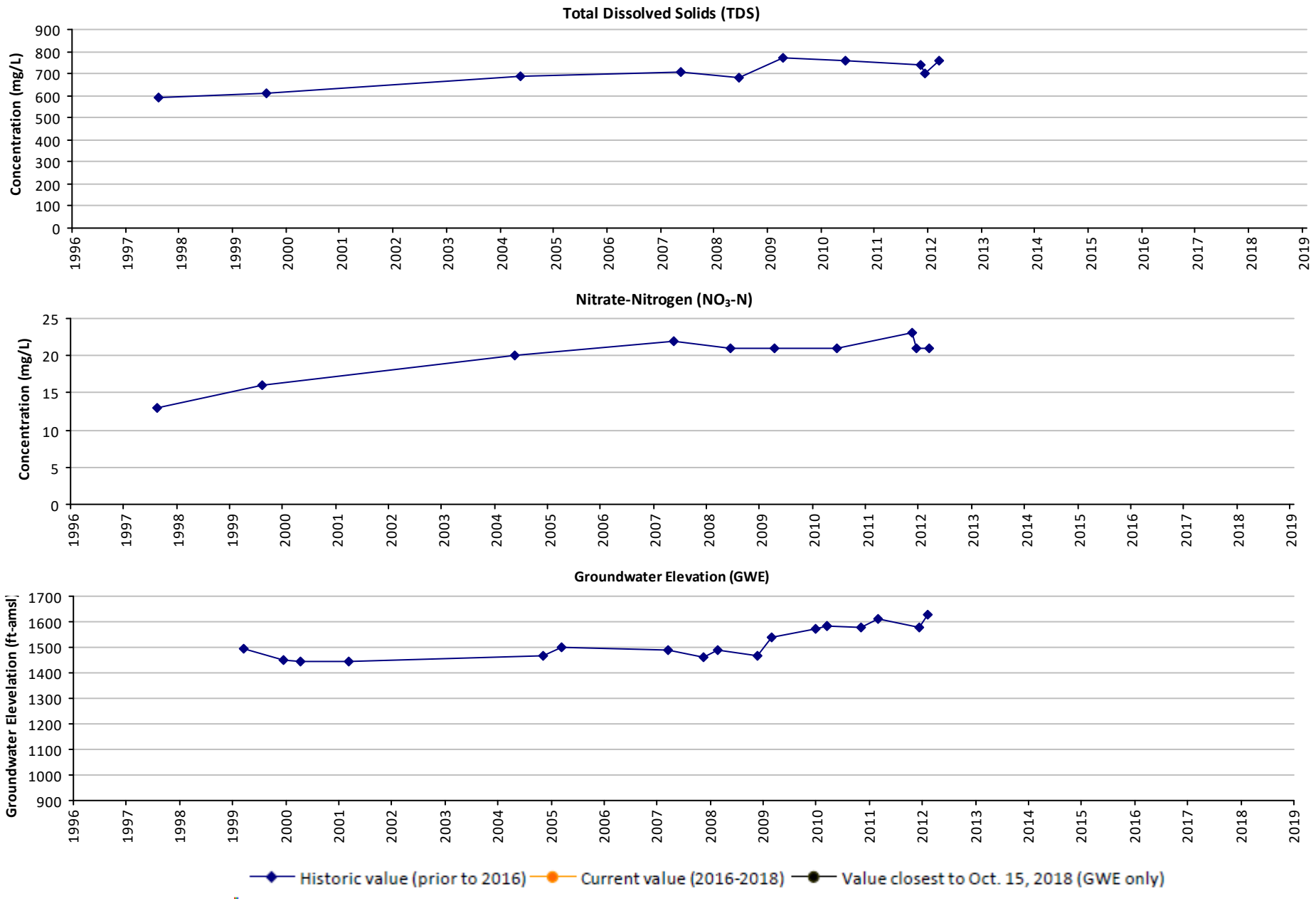
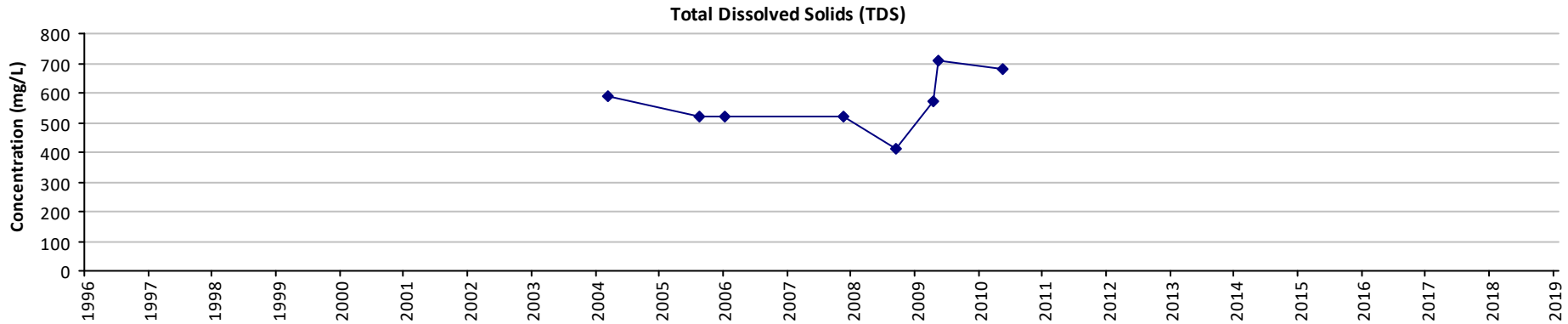
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
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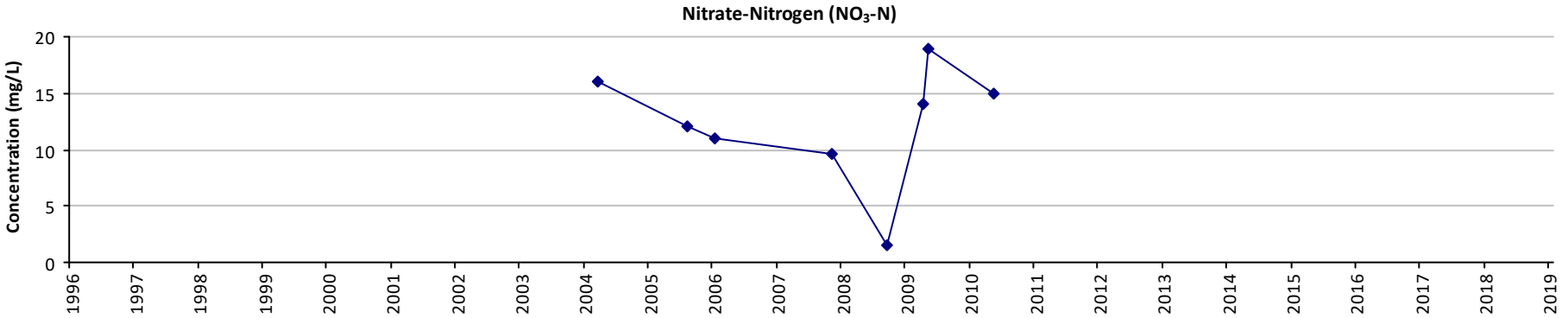
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
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2002
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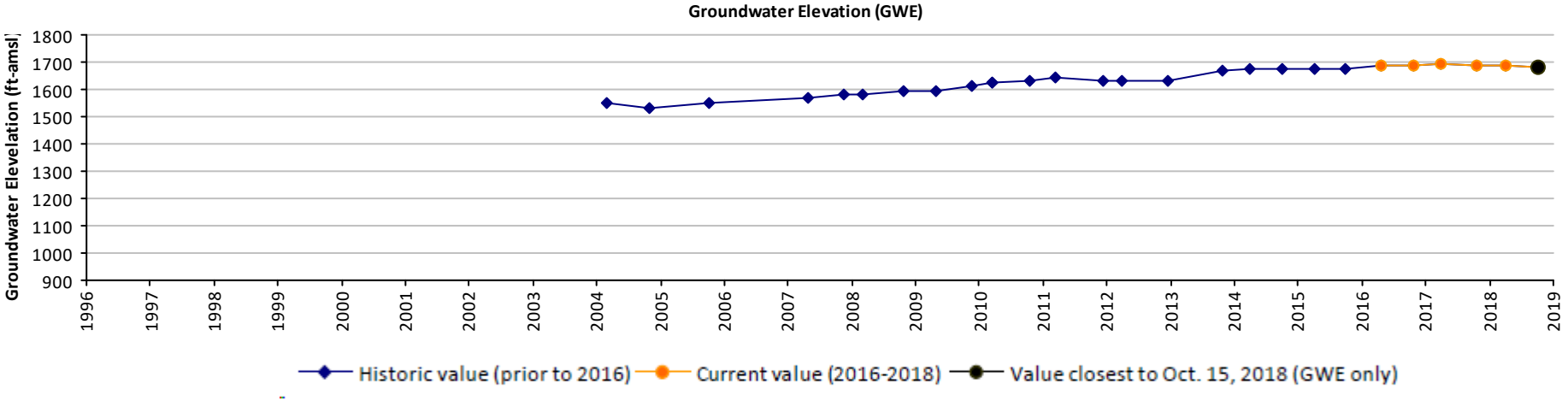
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
1996
1997
1998
1999
2000
2001
2002
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2004
2005
2006
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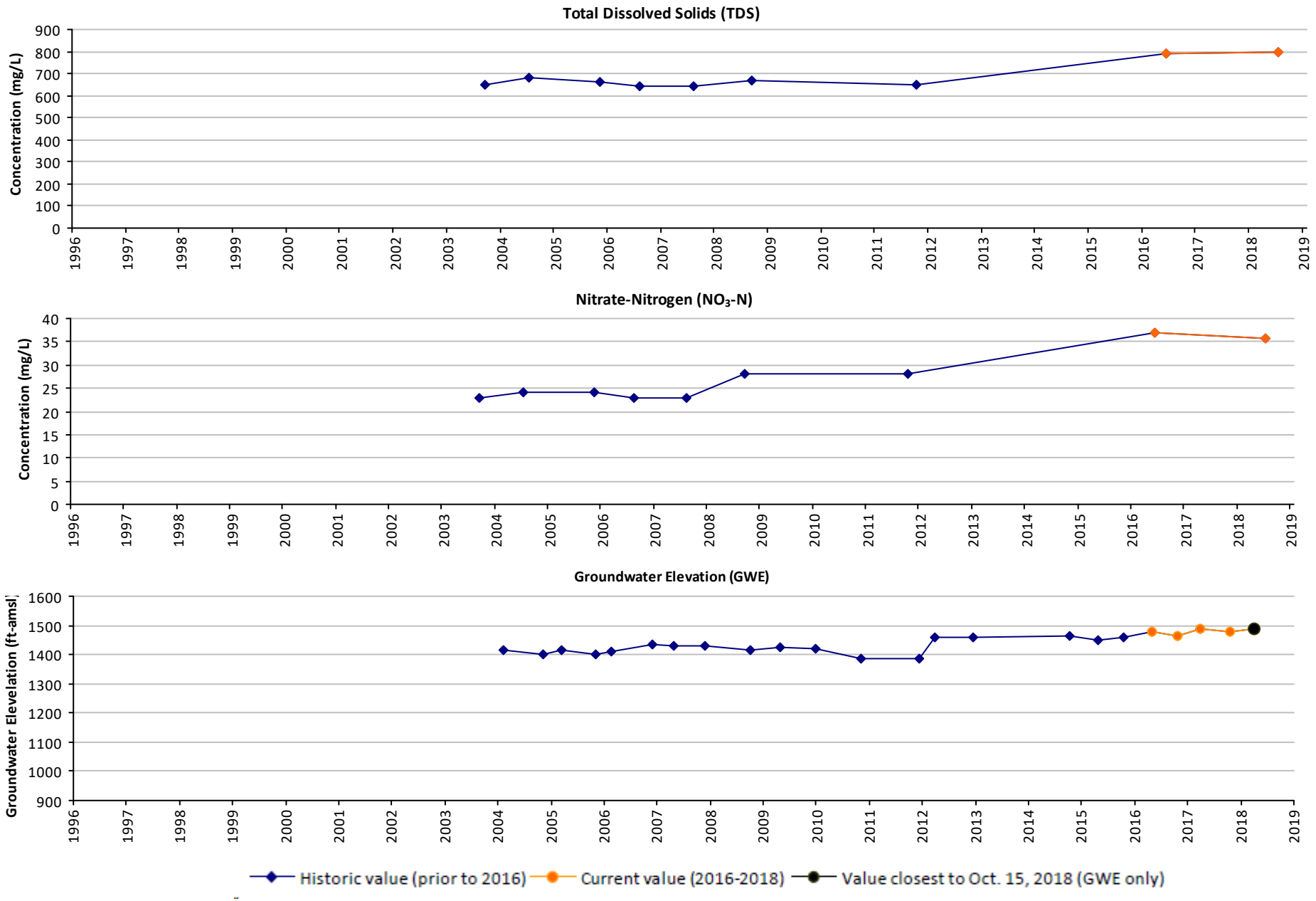
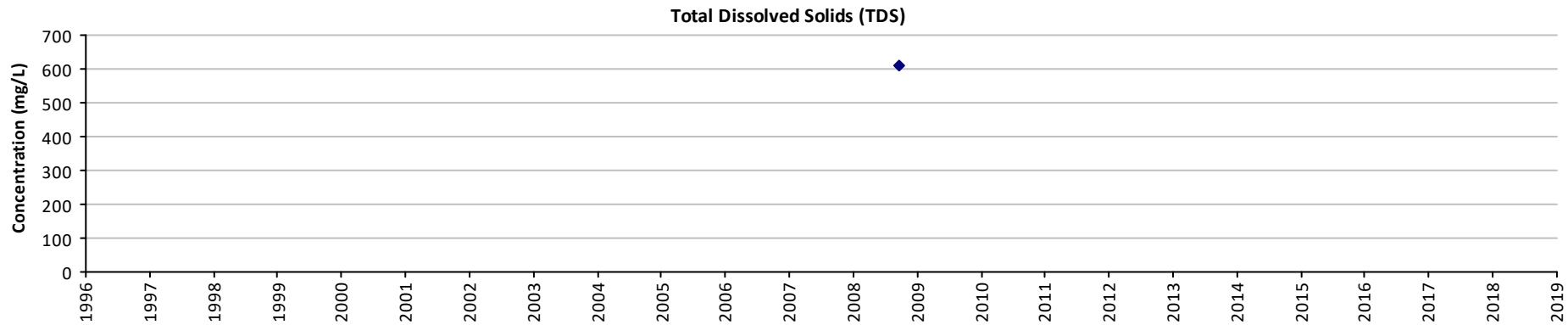
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
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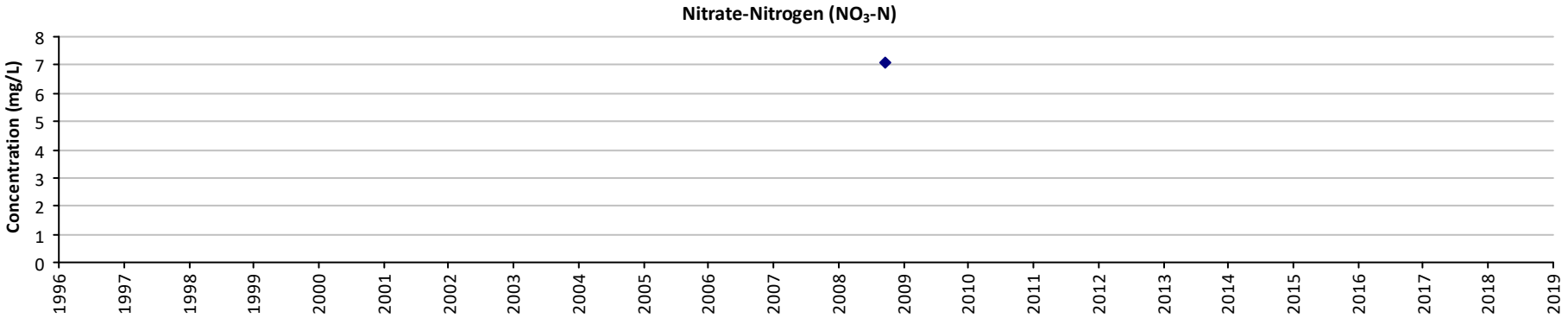
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
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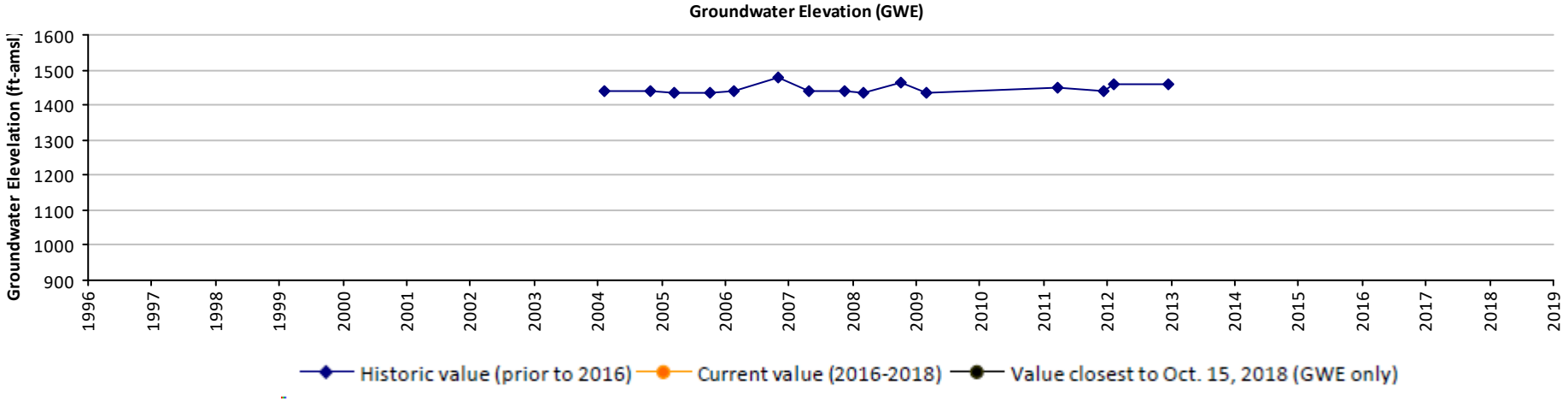
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
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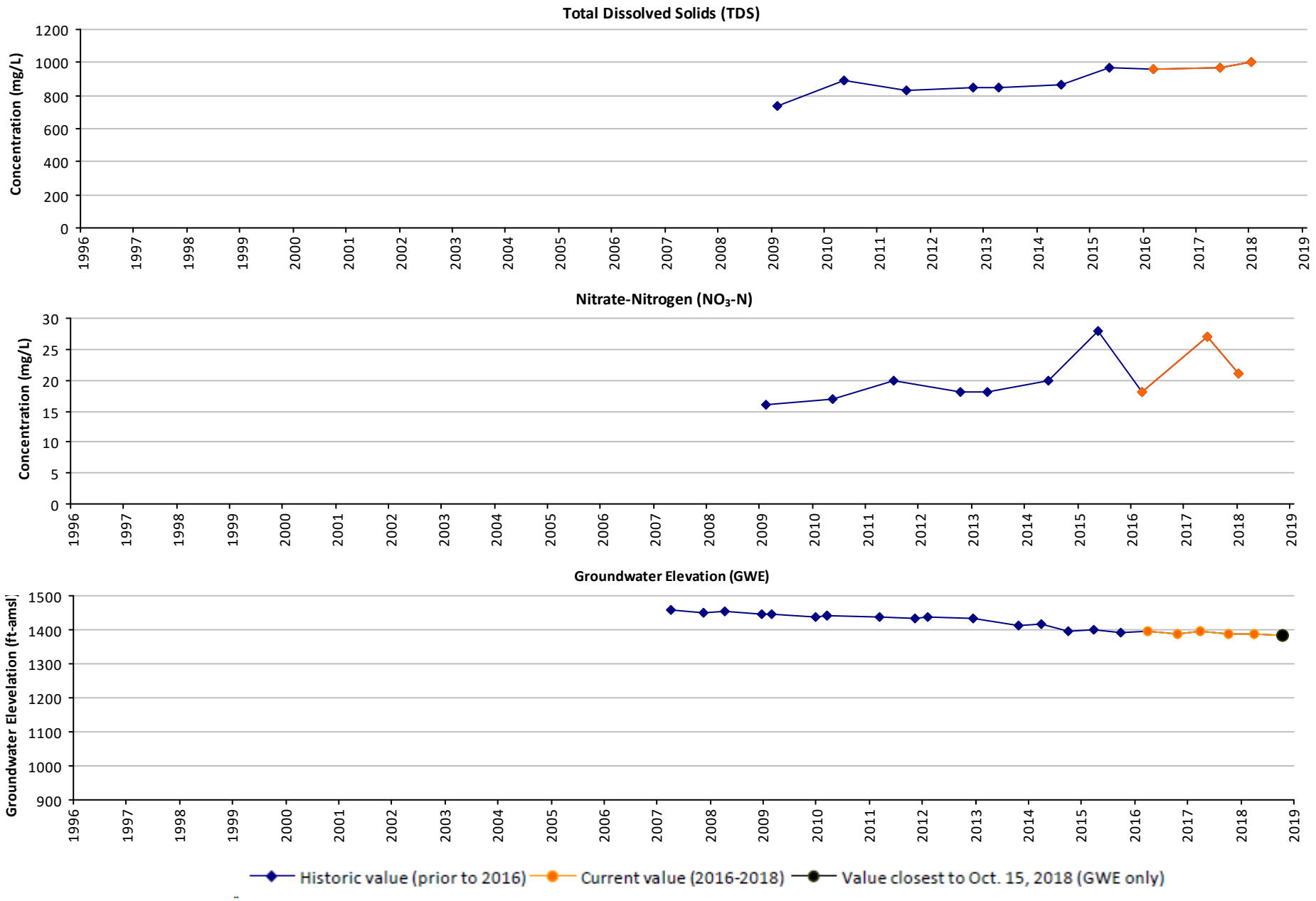
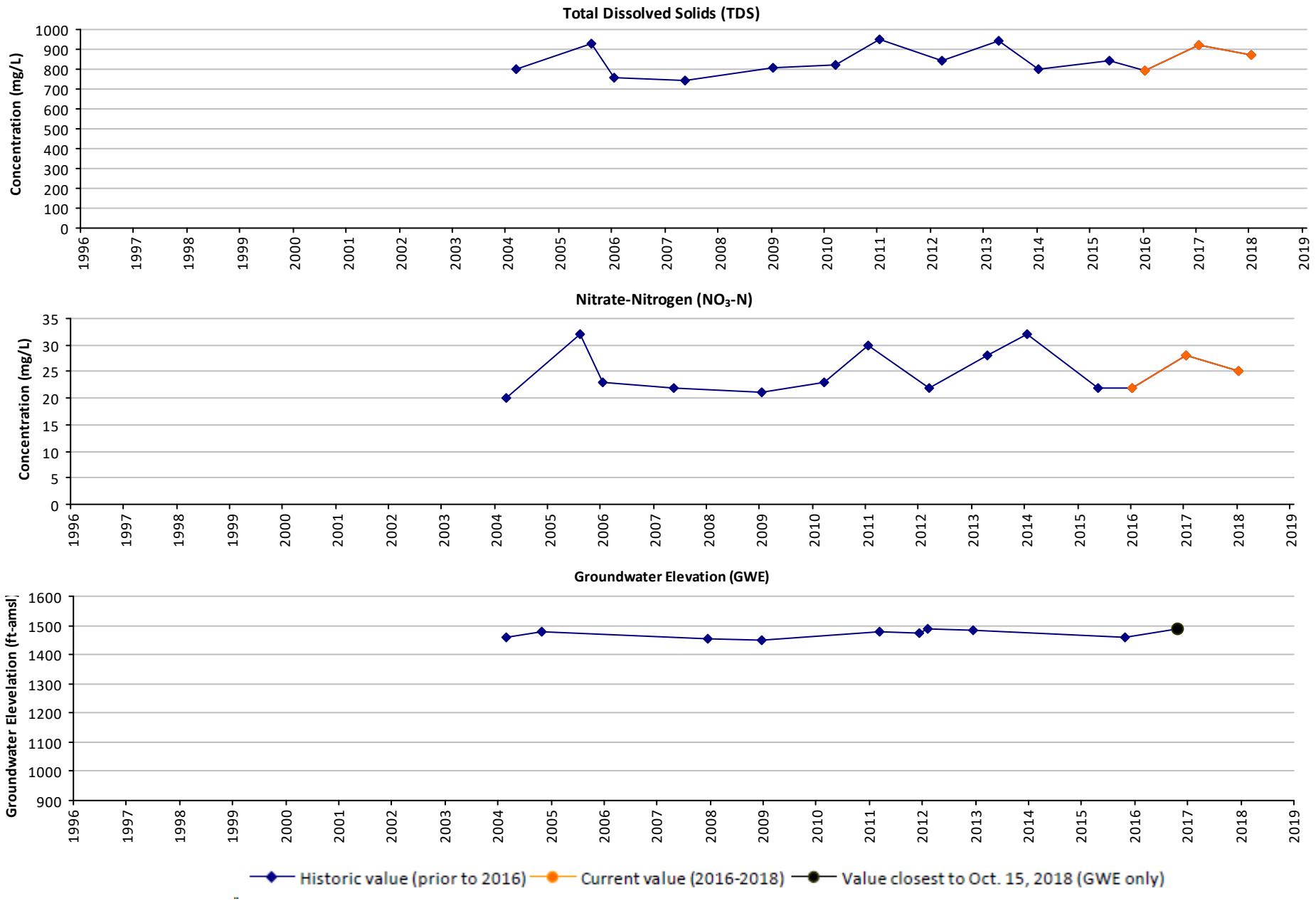
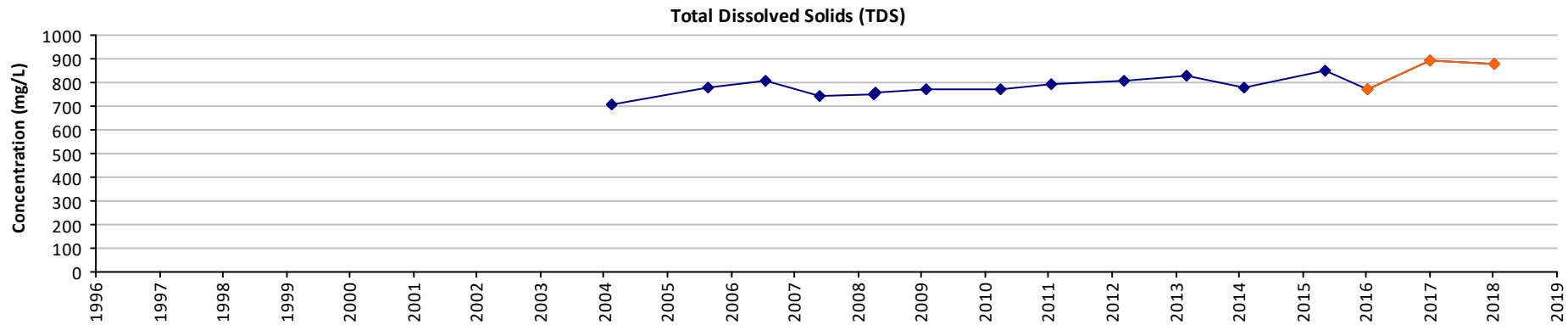
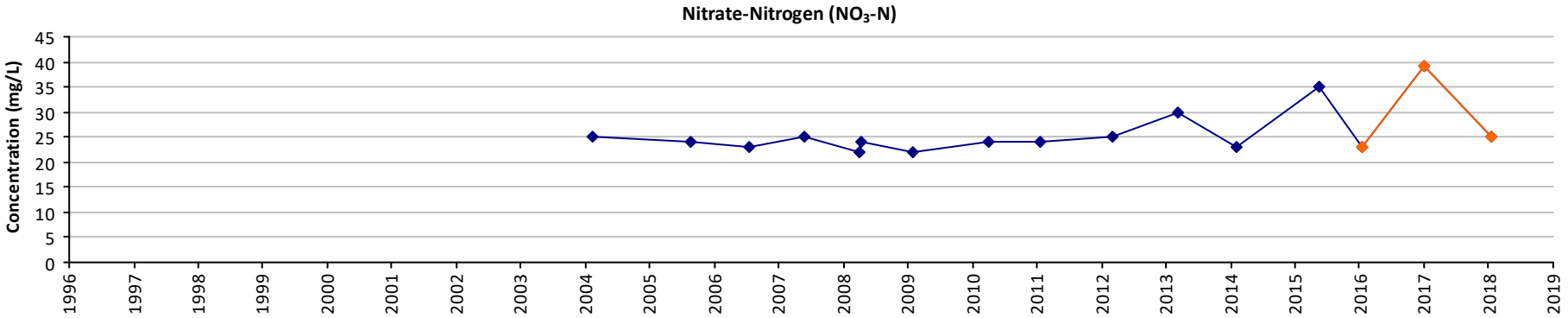
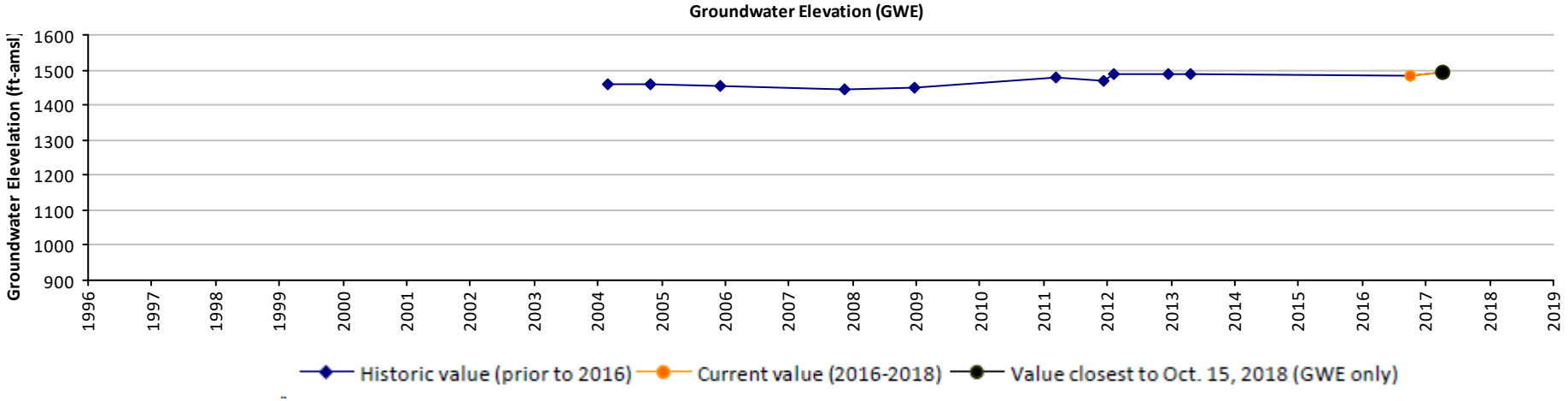
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

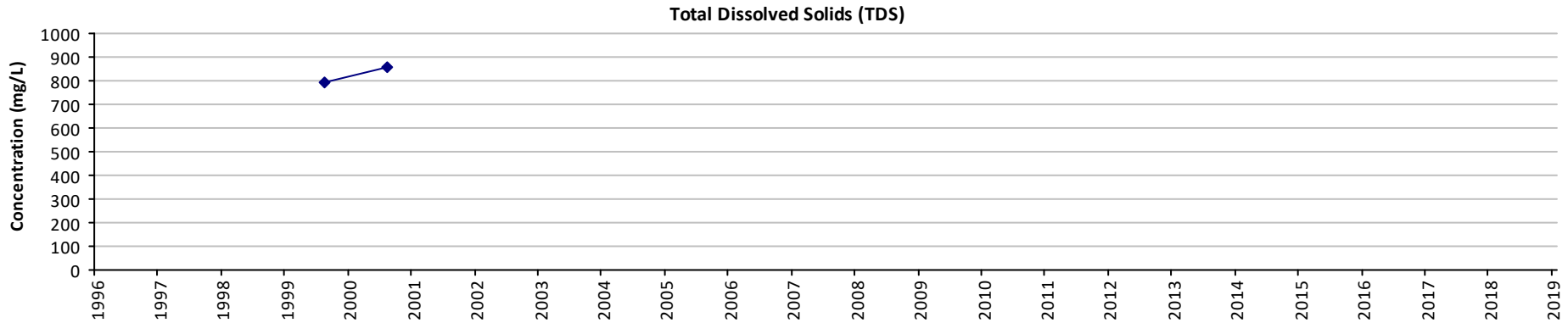

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
45
40
35
30
25
20
15
10
5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1600
1500
1400
1300
1200
1100
1000
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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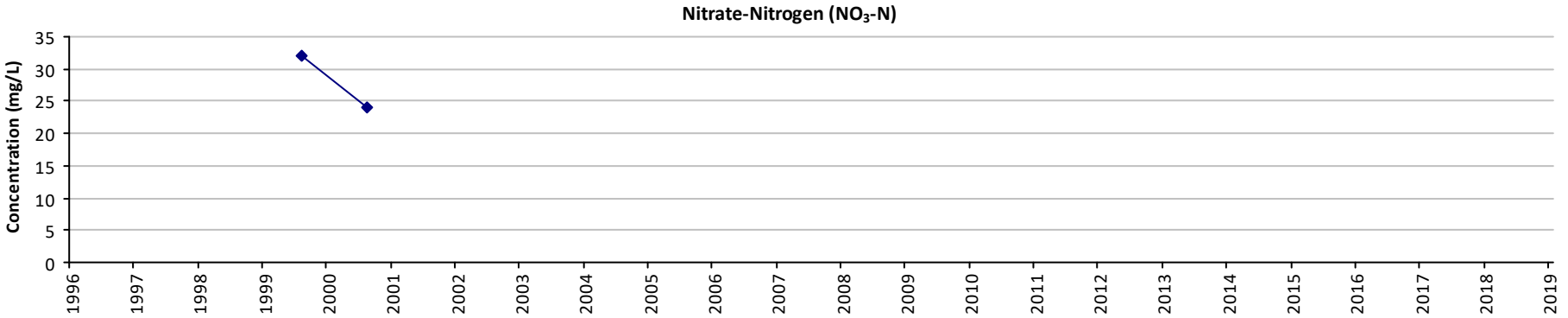
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
35
30
25
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2008
2009
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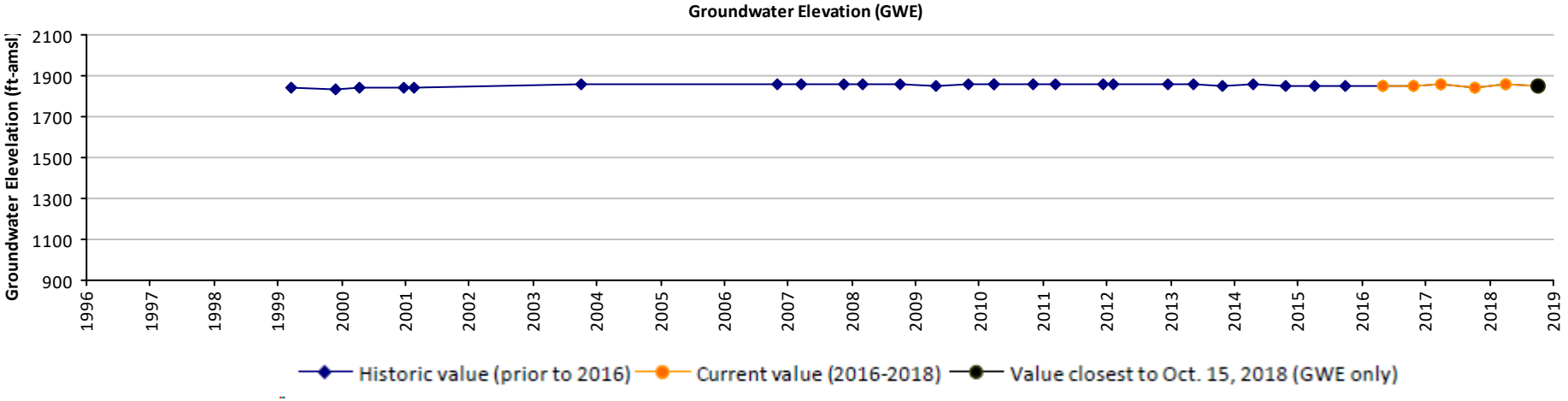
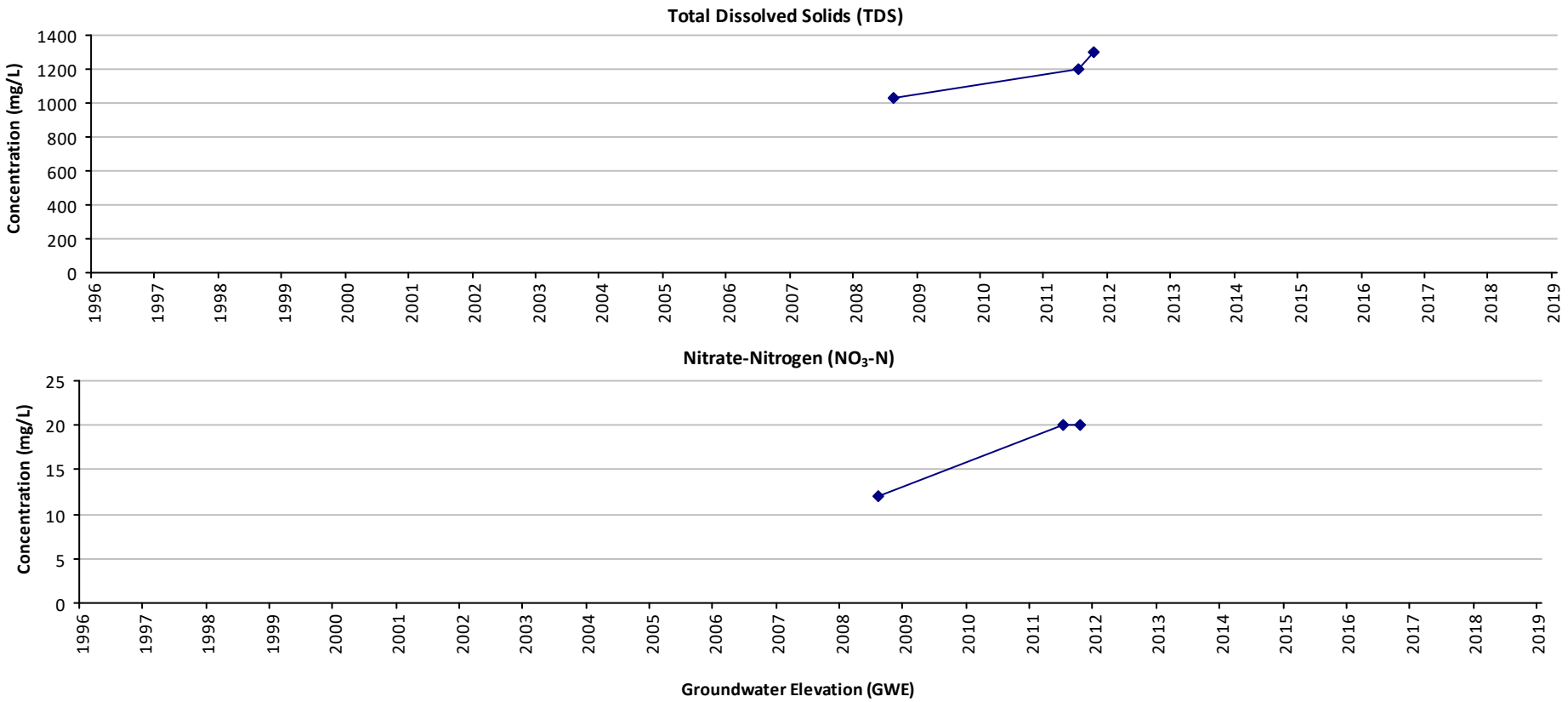
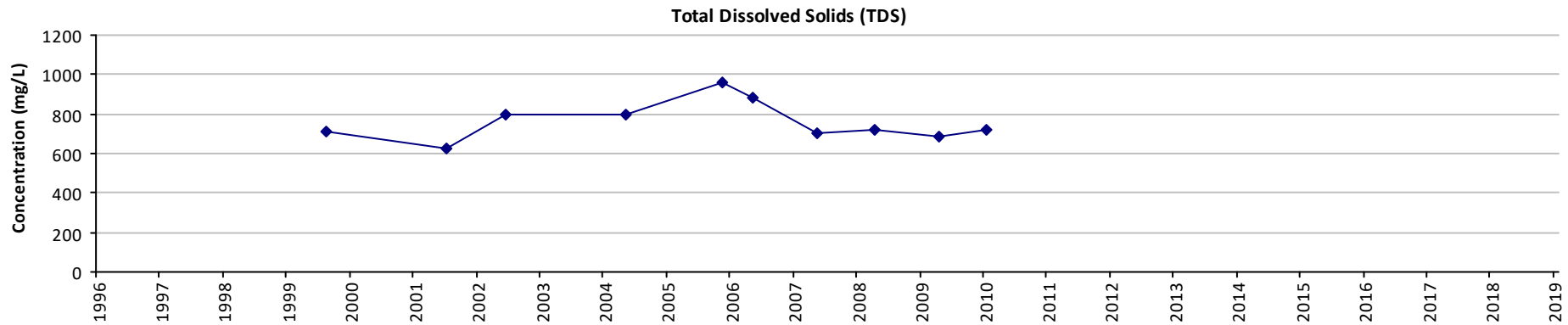
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2100
1900
1700
1500
1300
1100
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
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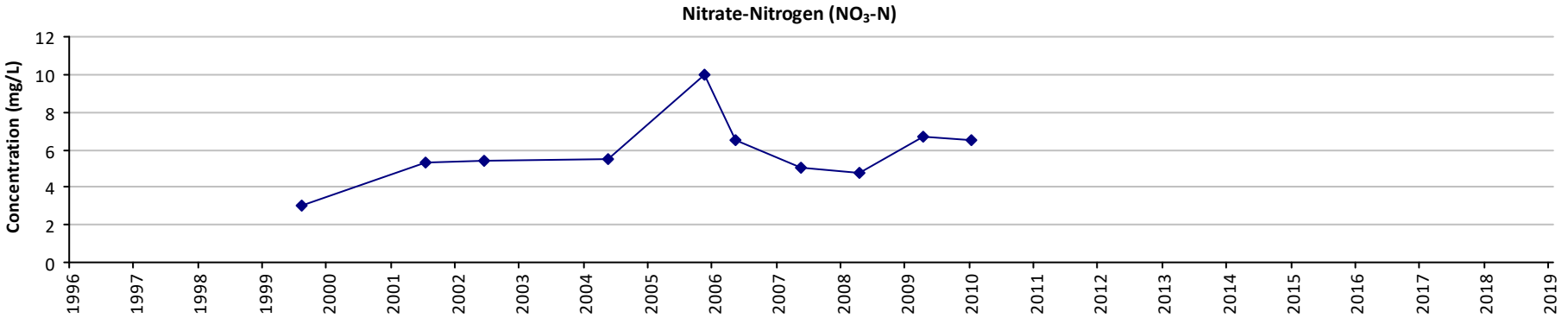
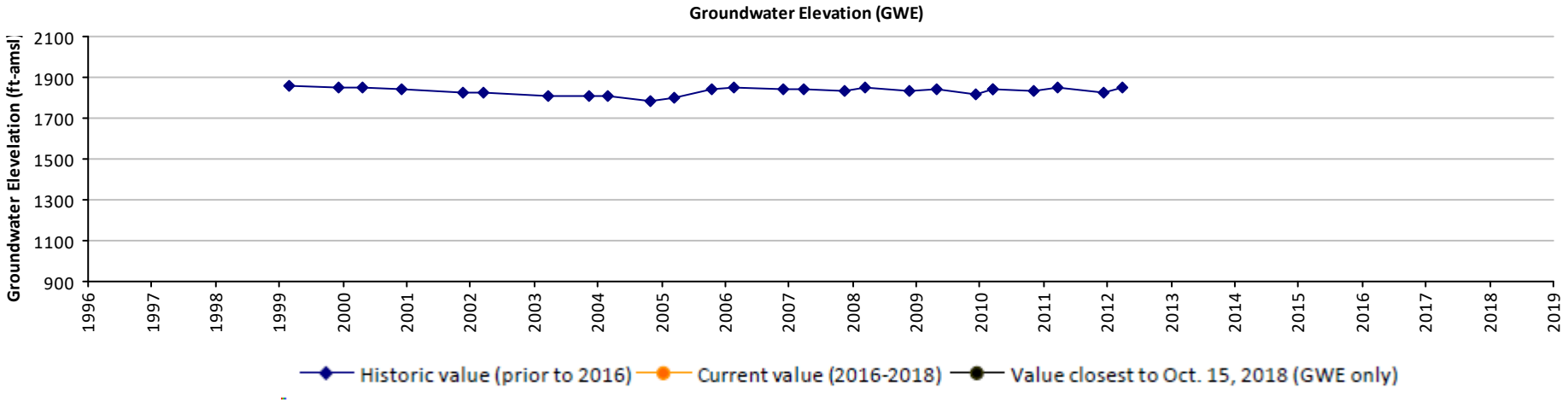
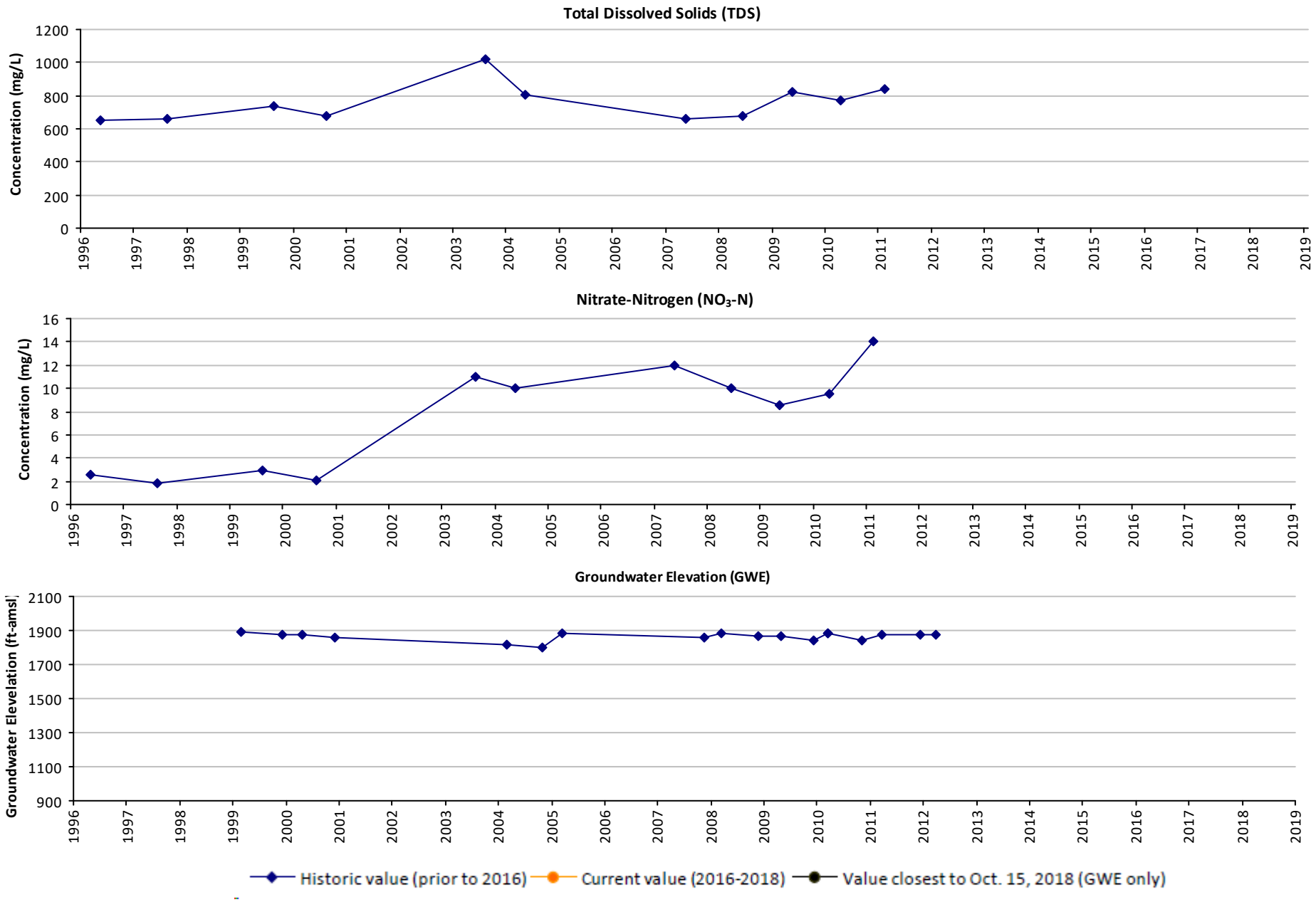
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1100
1300
1500
1700
1900
2100
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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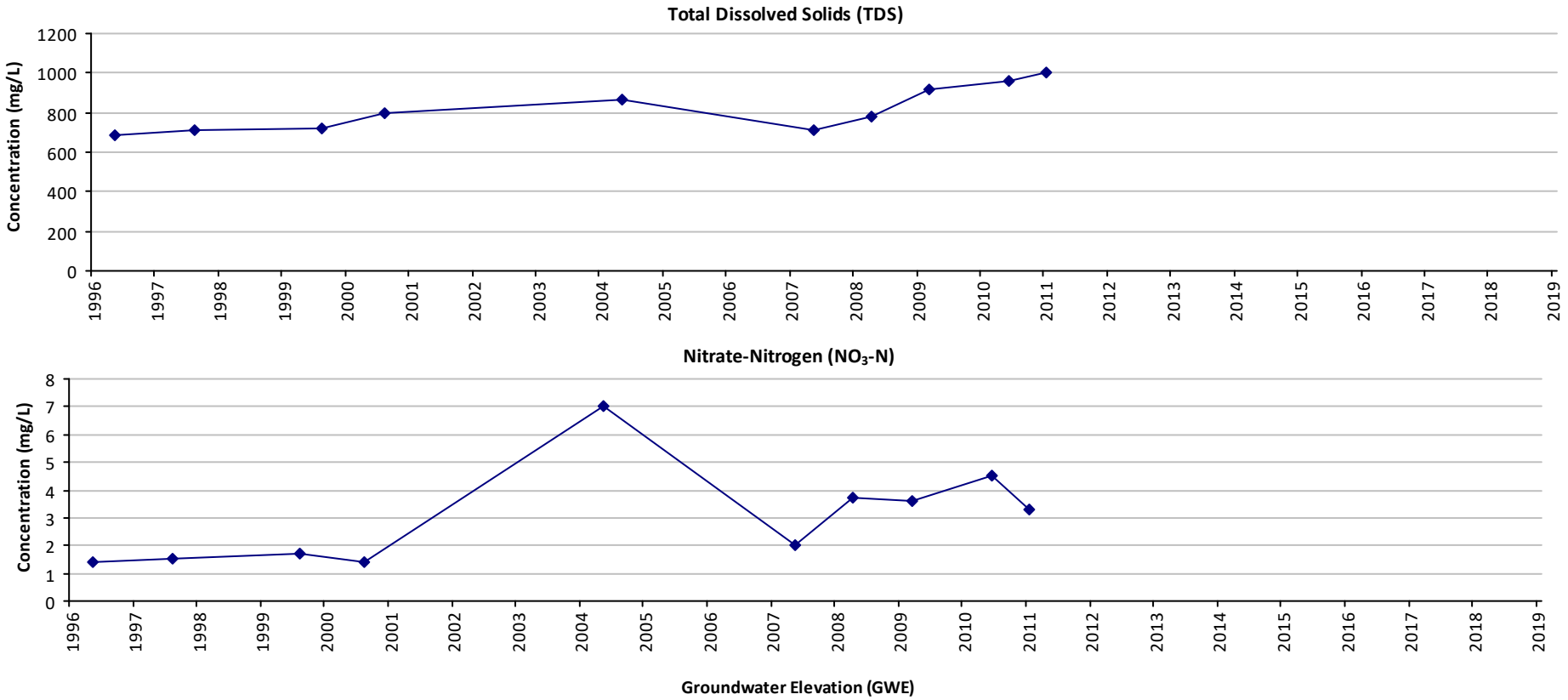
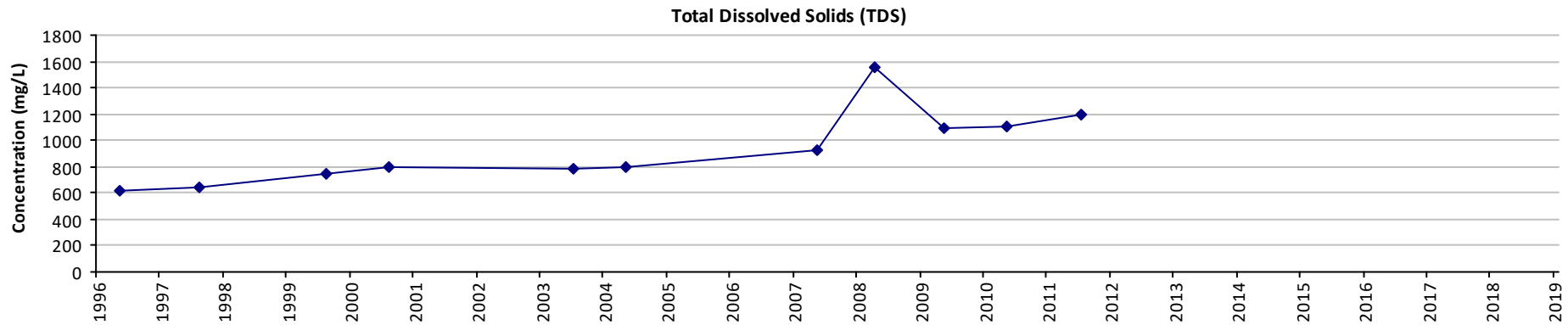
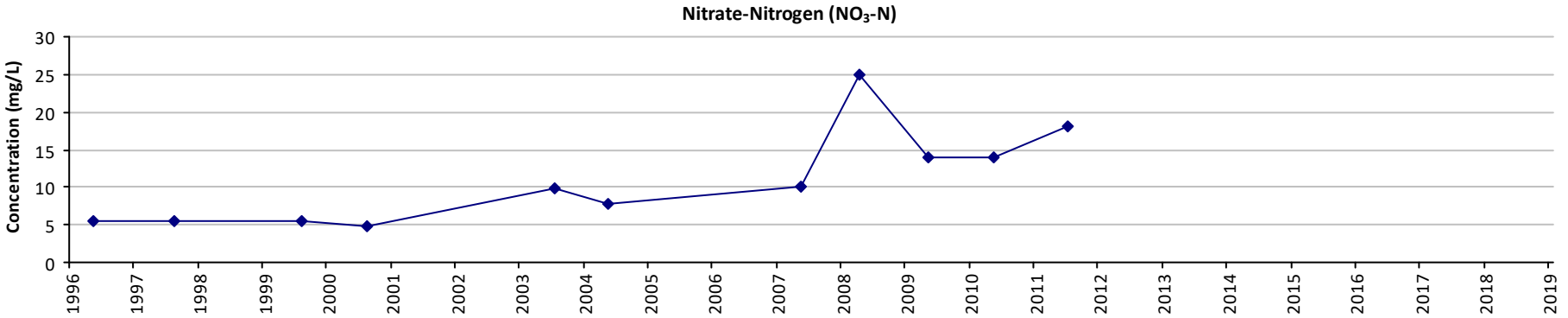
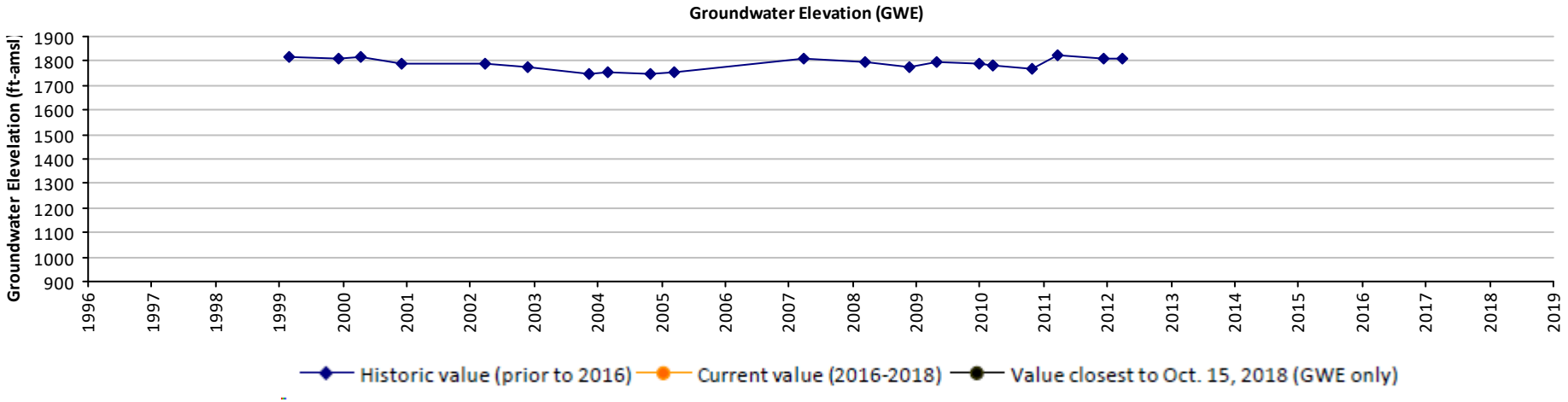
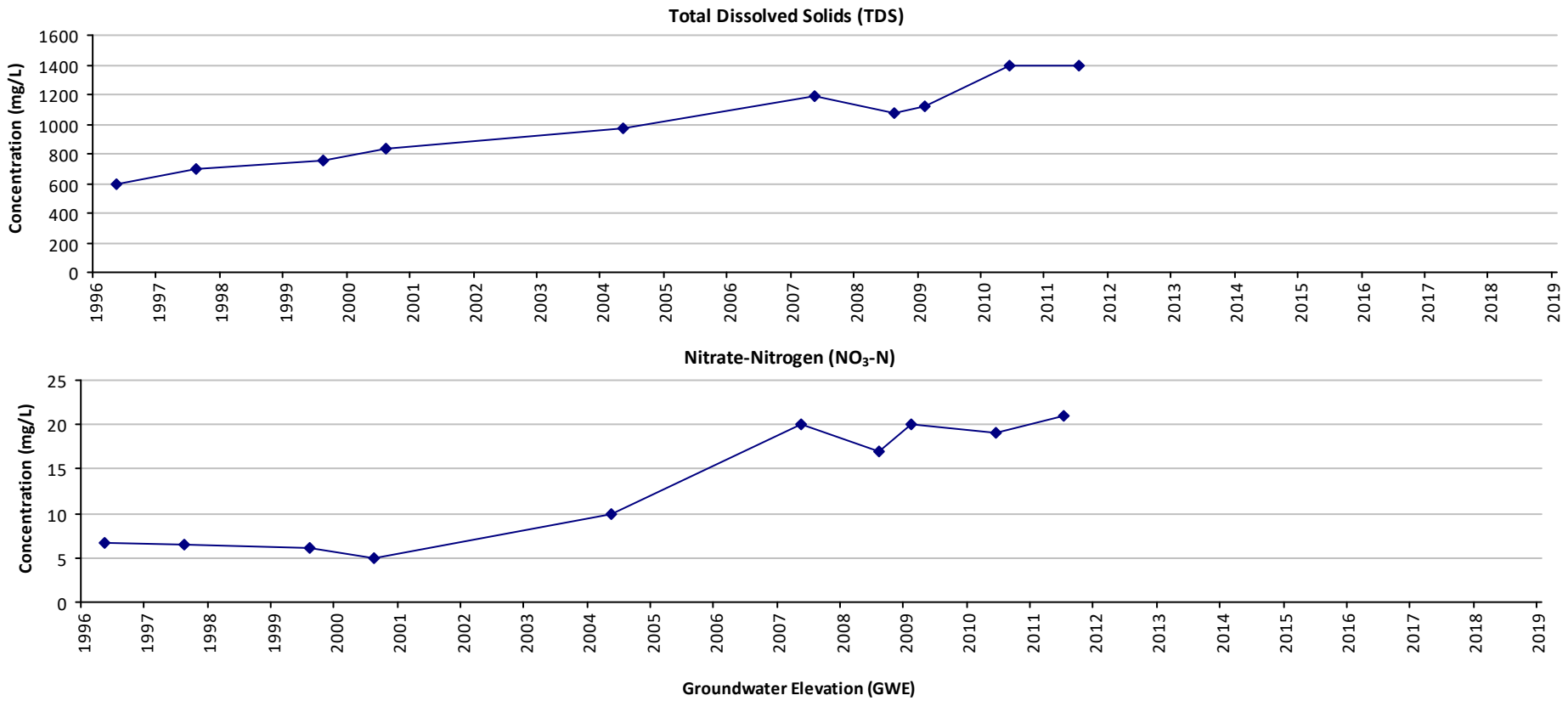
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1100
1300
1500
1700
1900
2100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

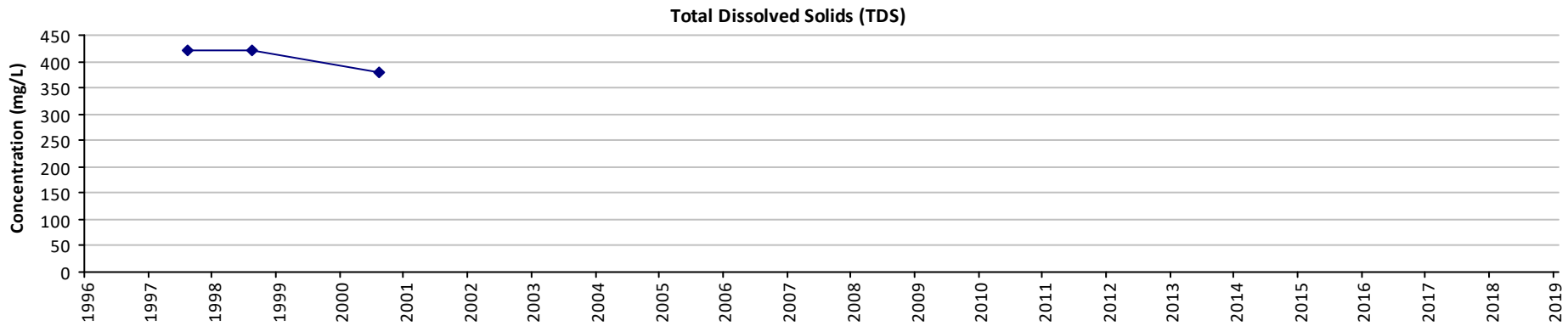

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

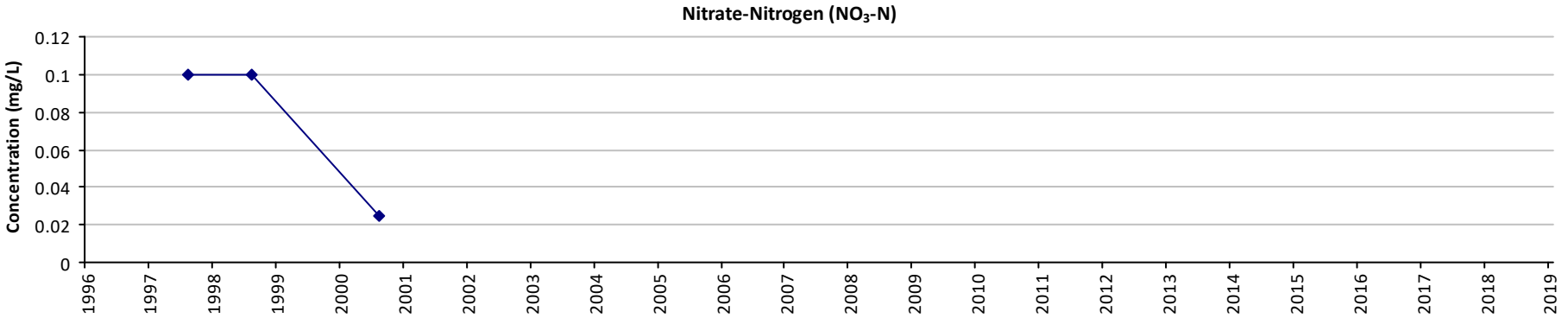

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

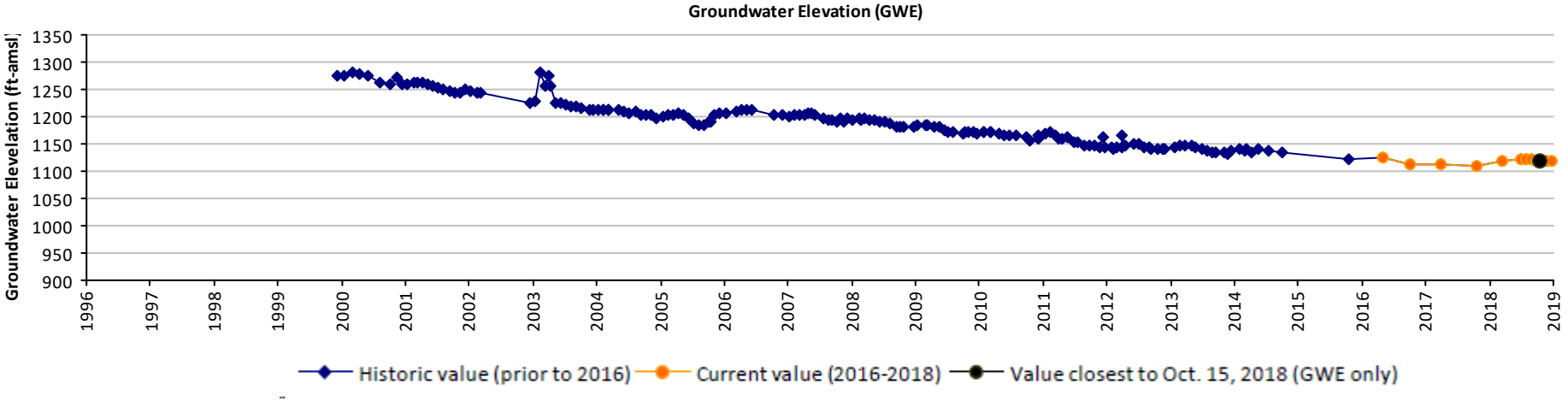

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

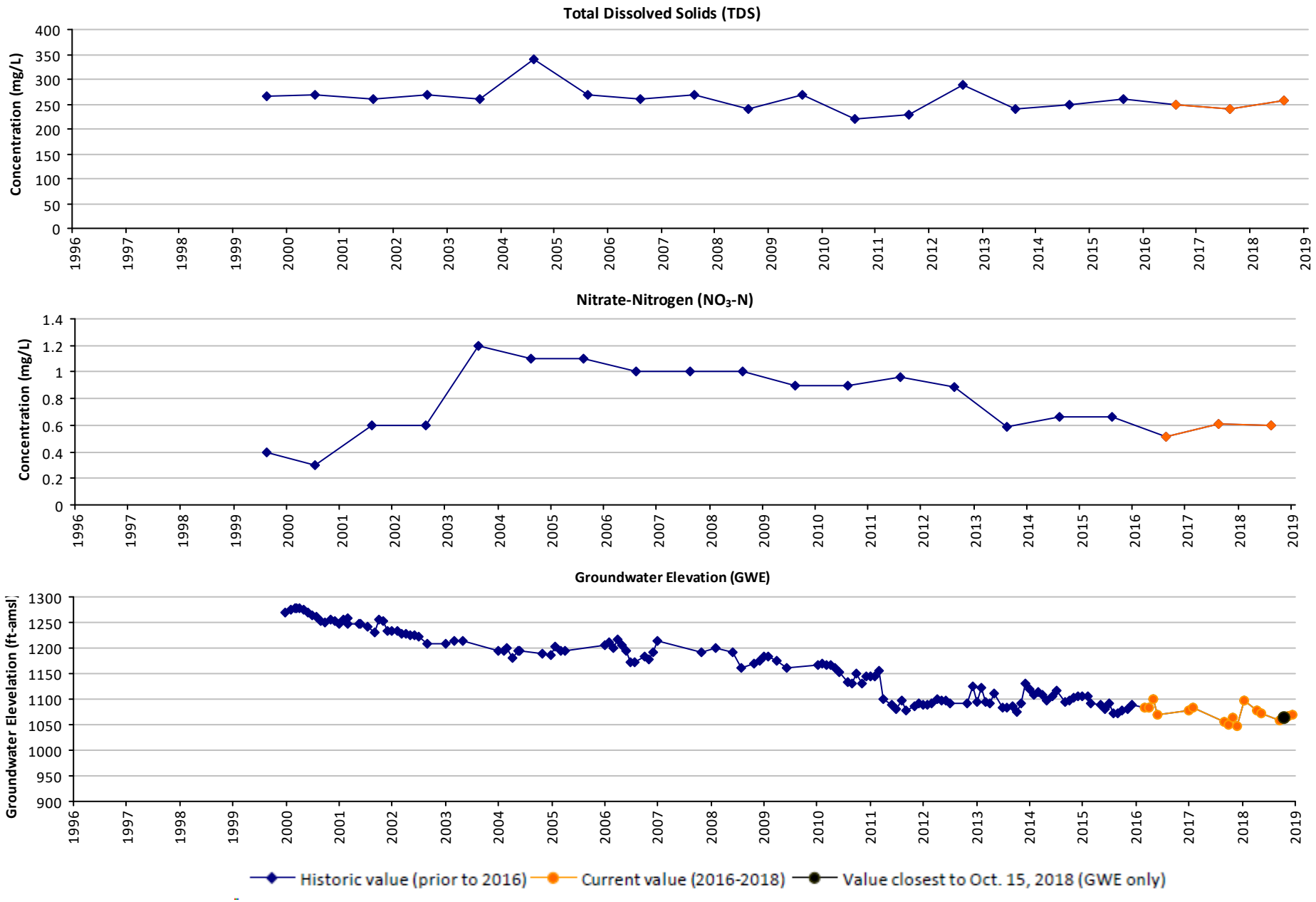

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

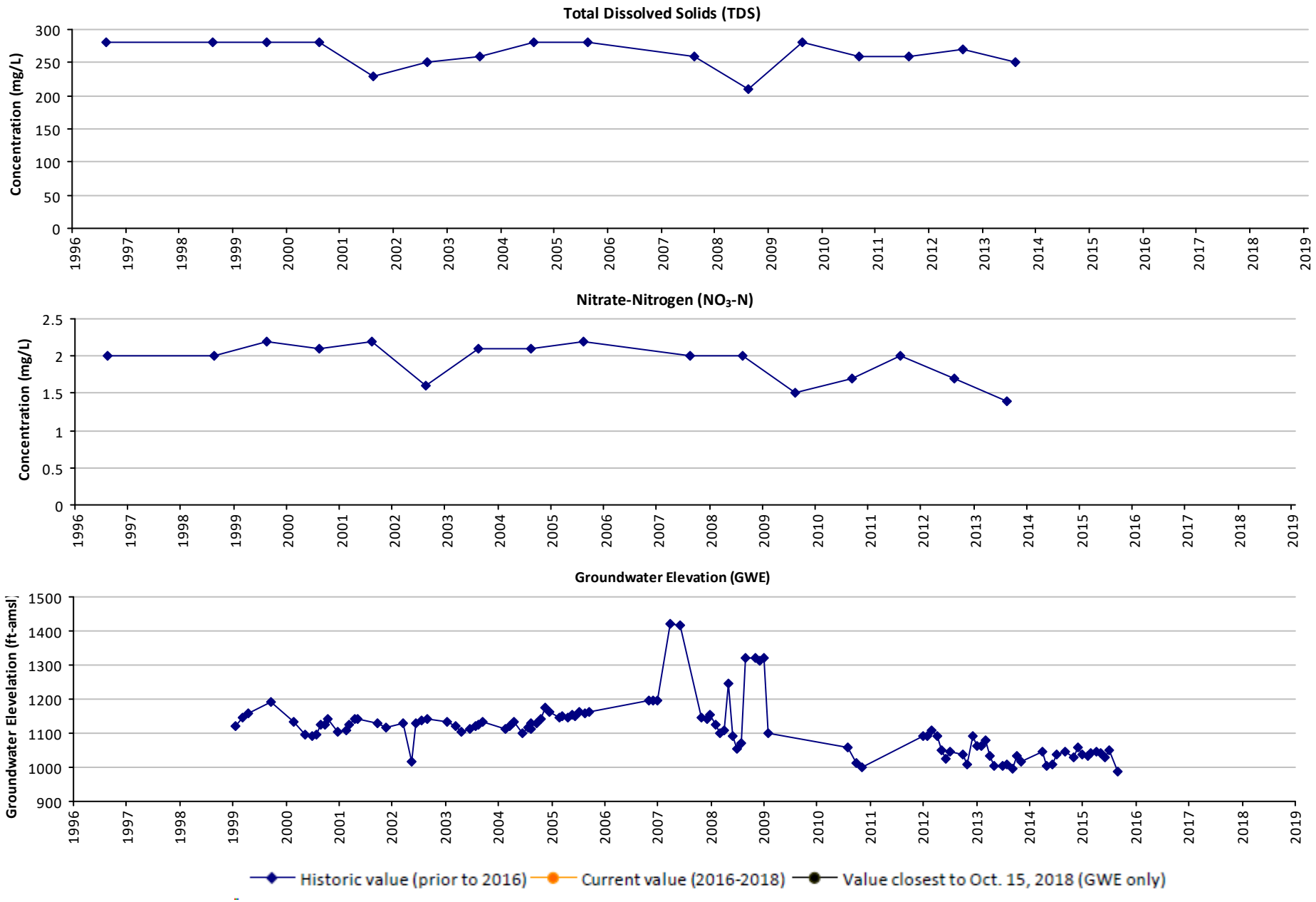

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

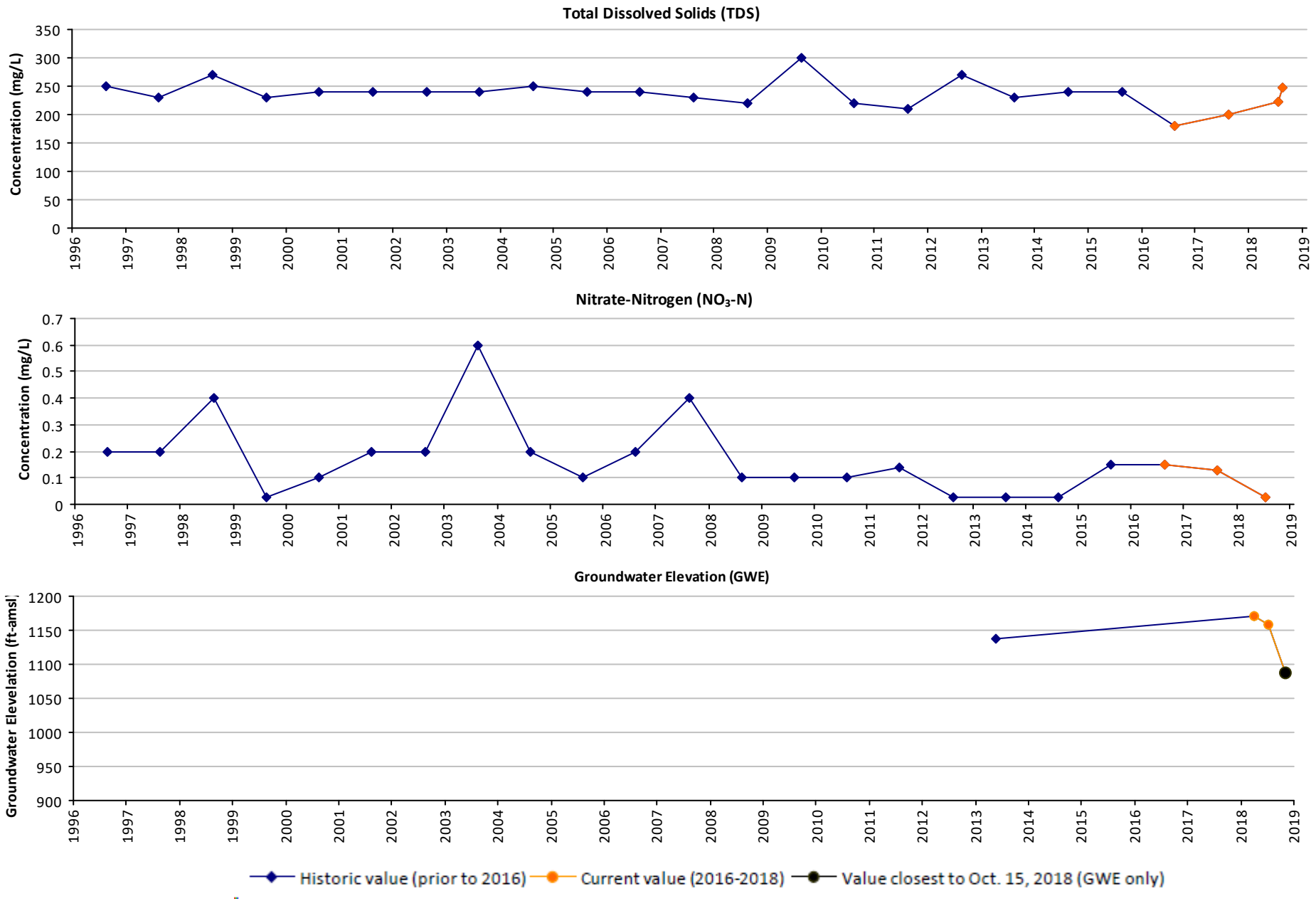

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

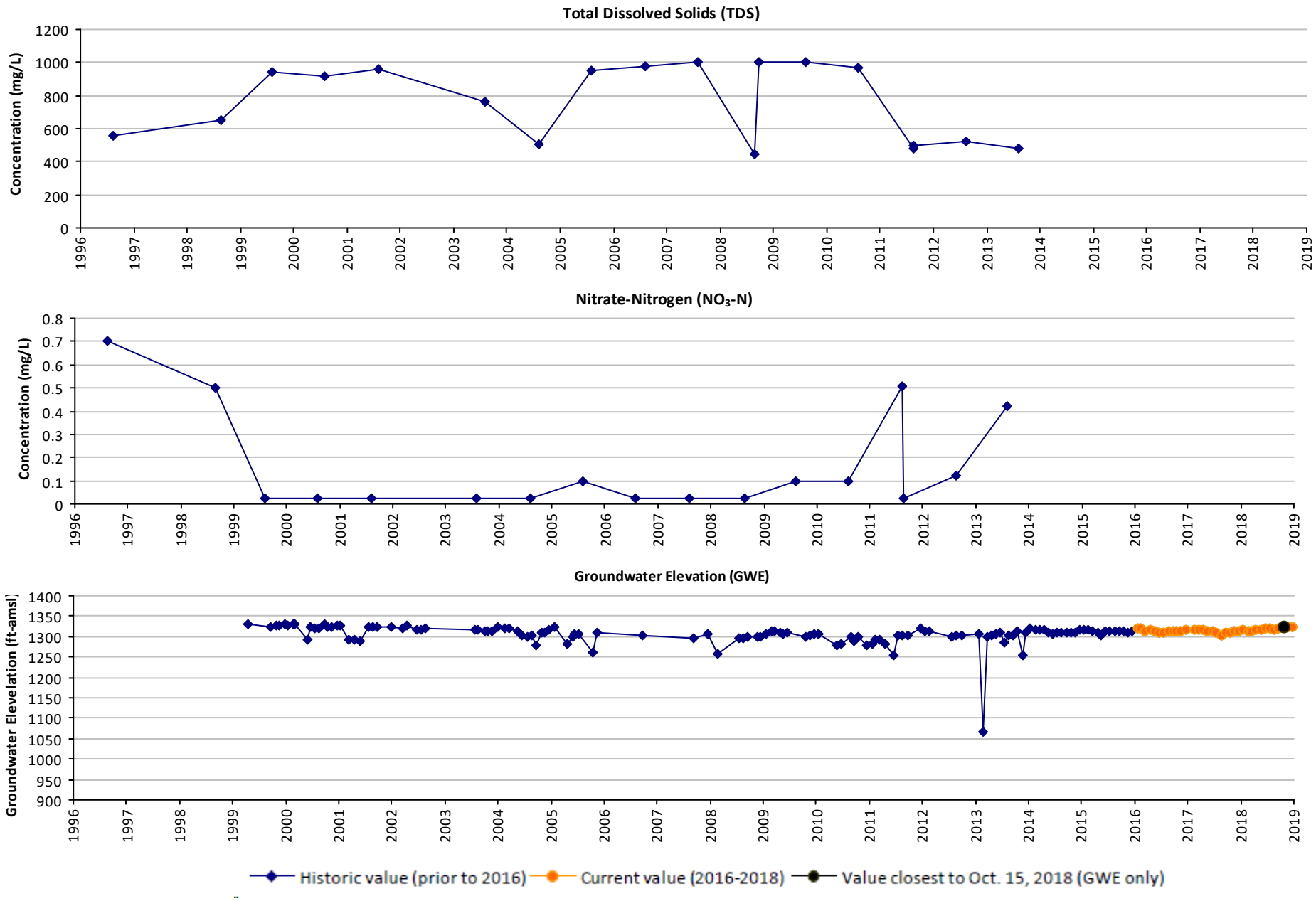

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

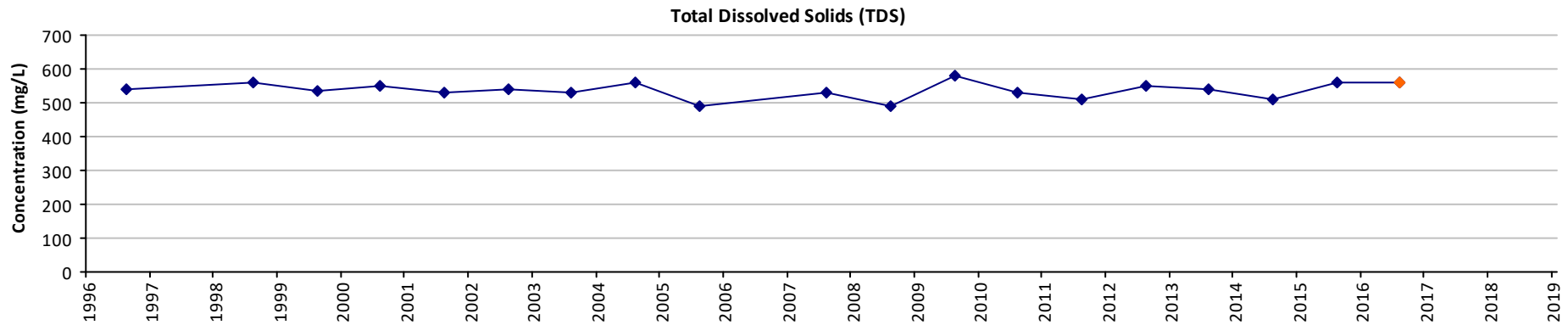

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1350
1300
1250
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

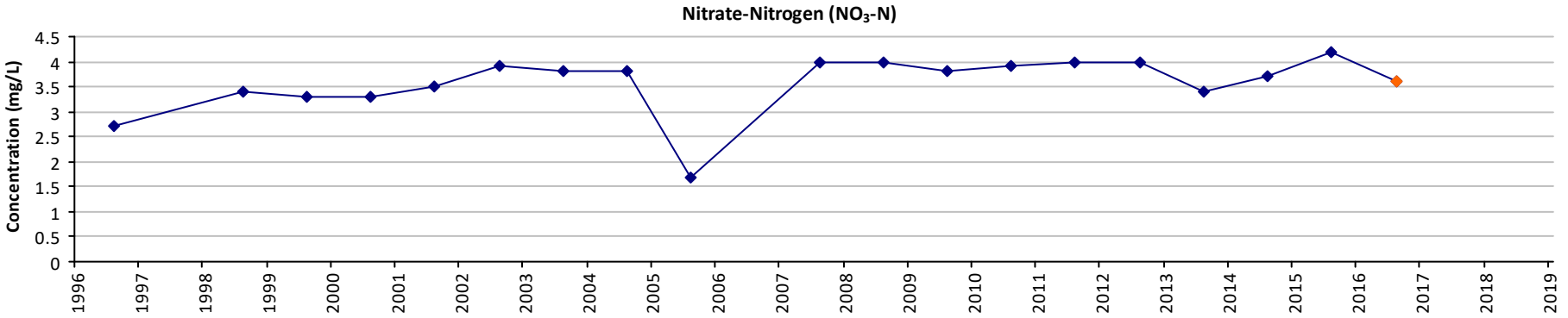

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

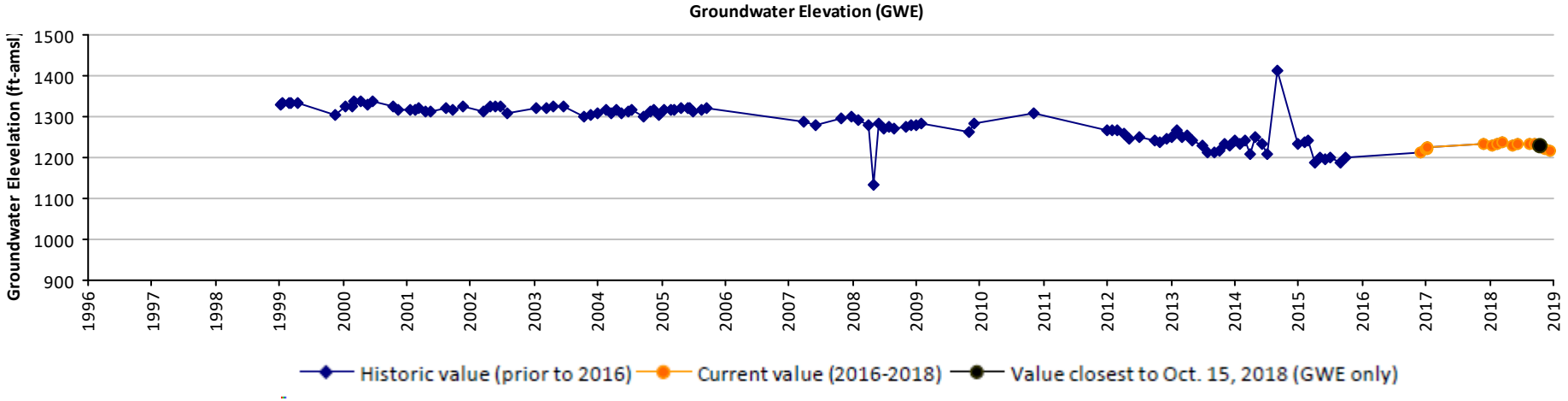

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

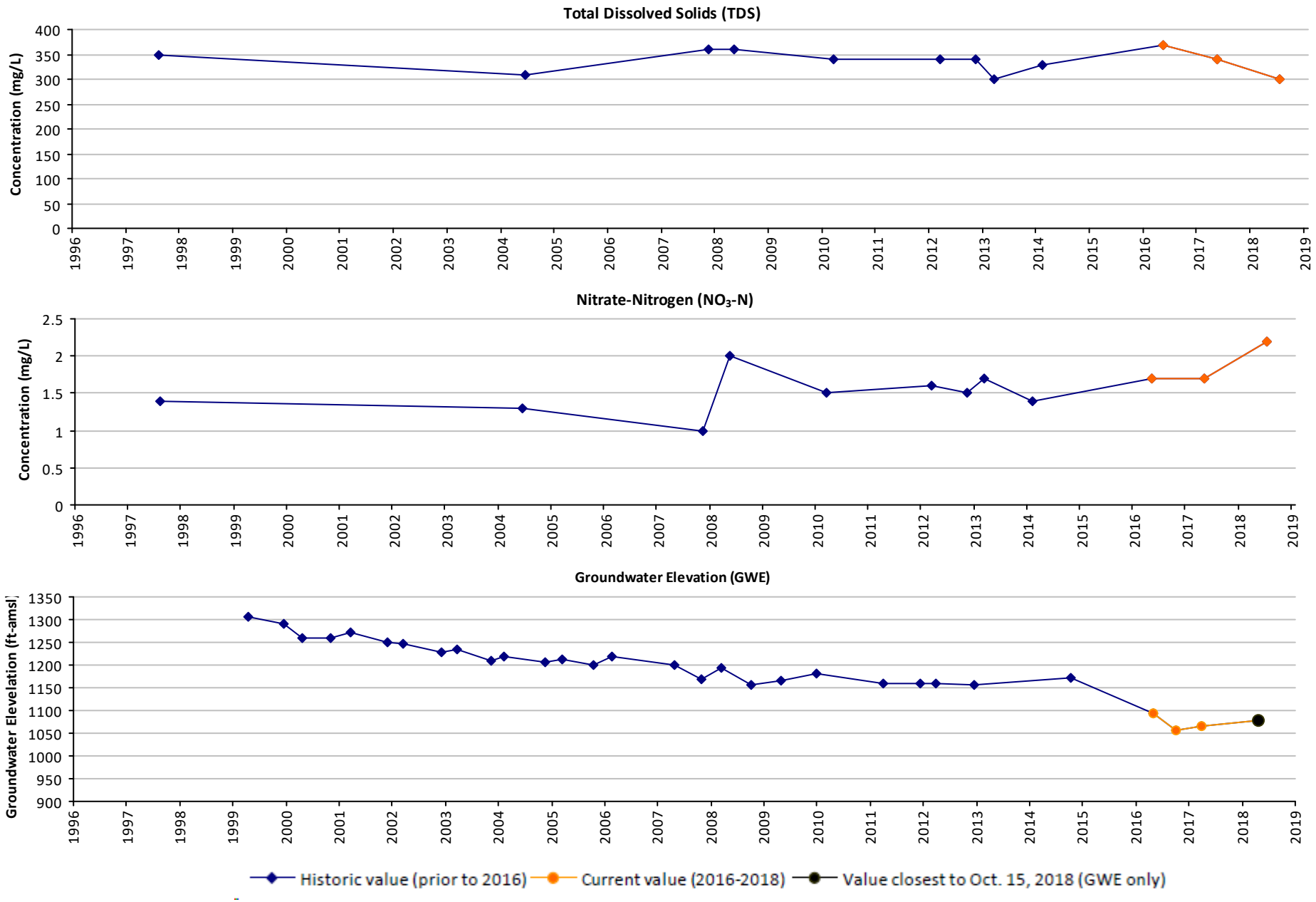

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

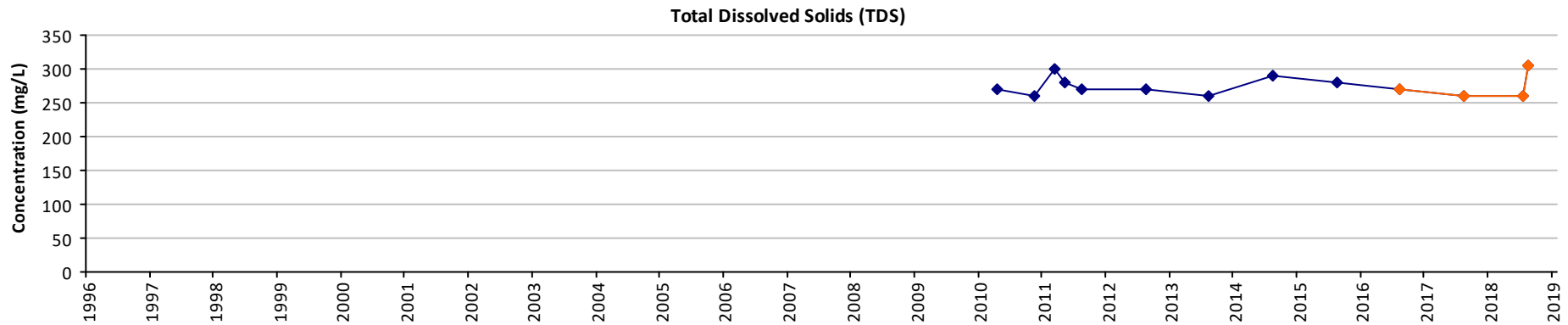

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

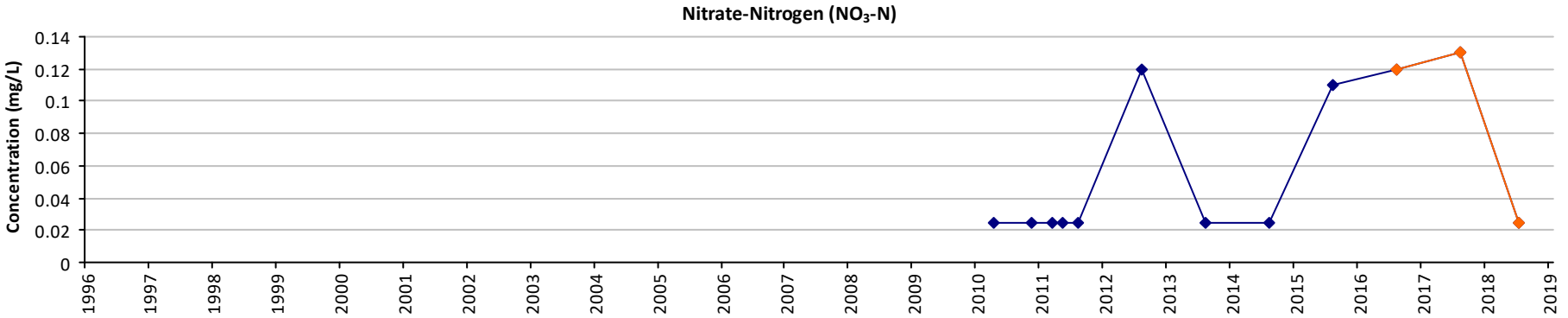

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

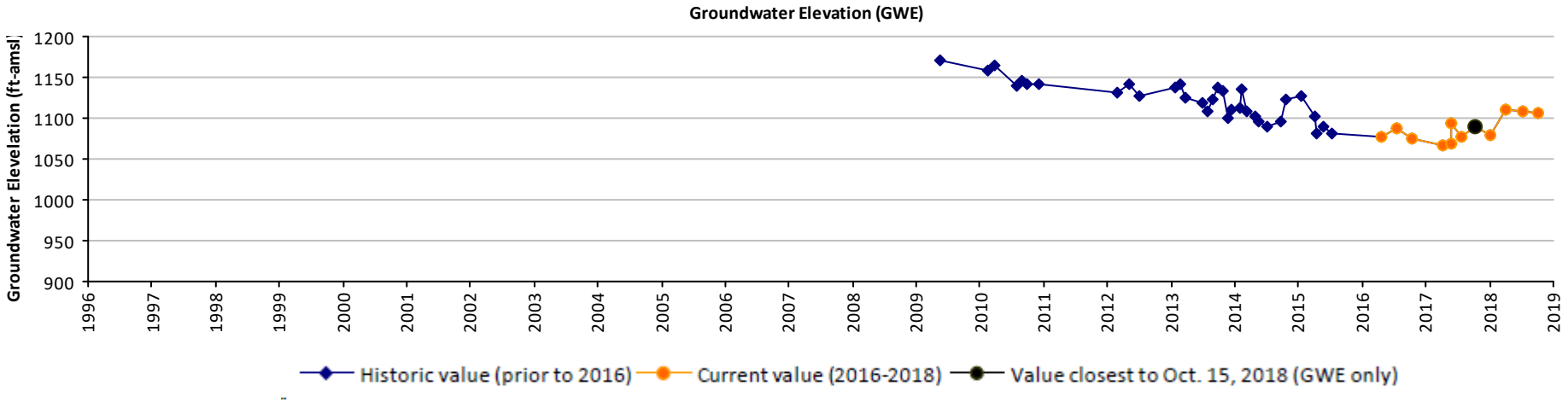

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

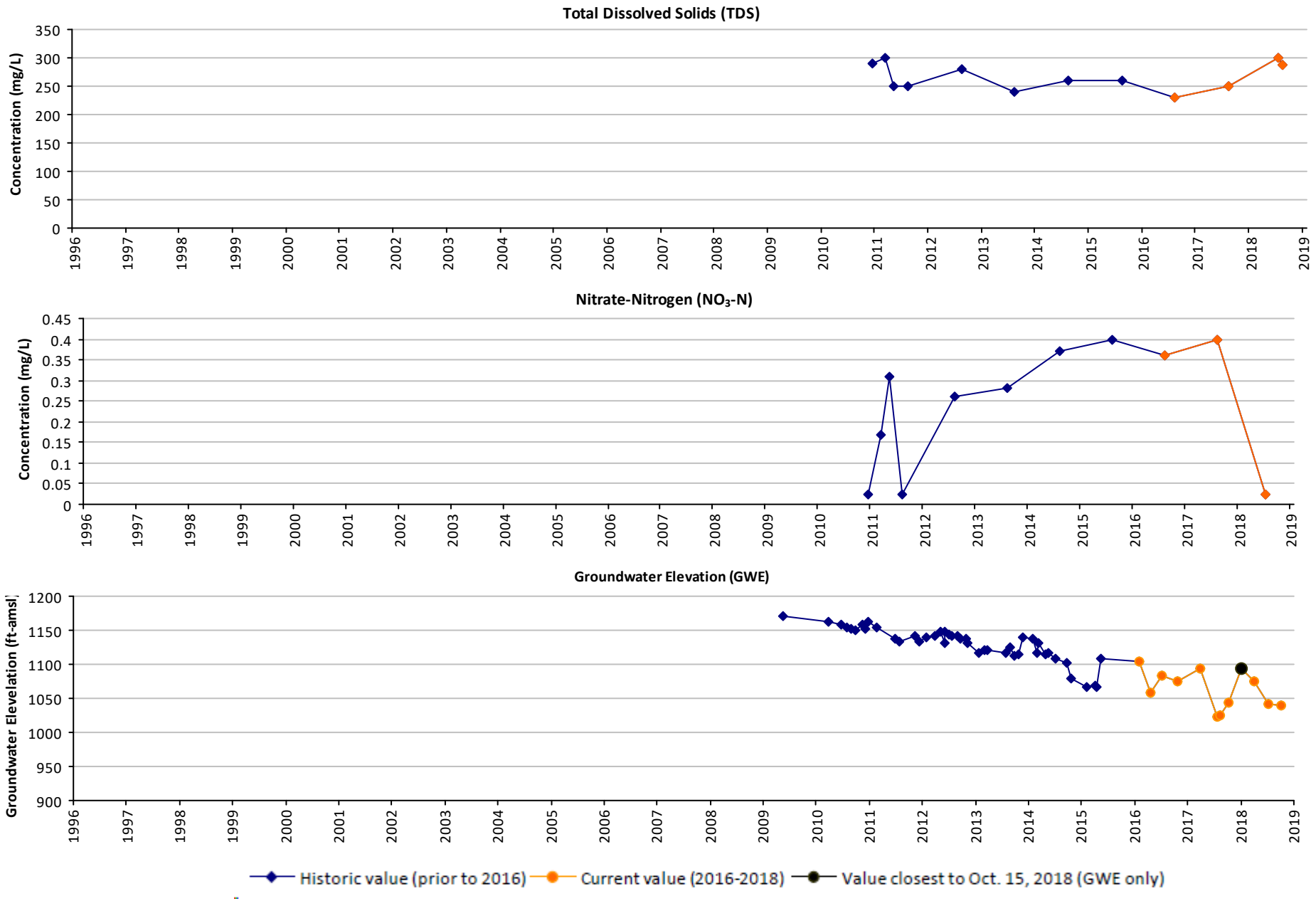

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

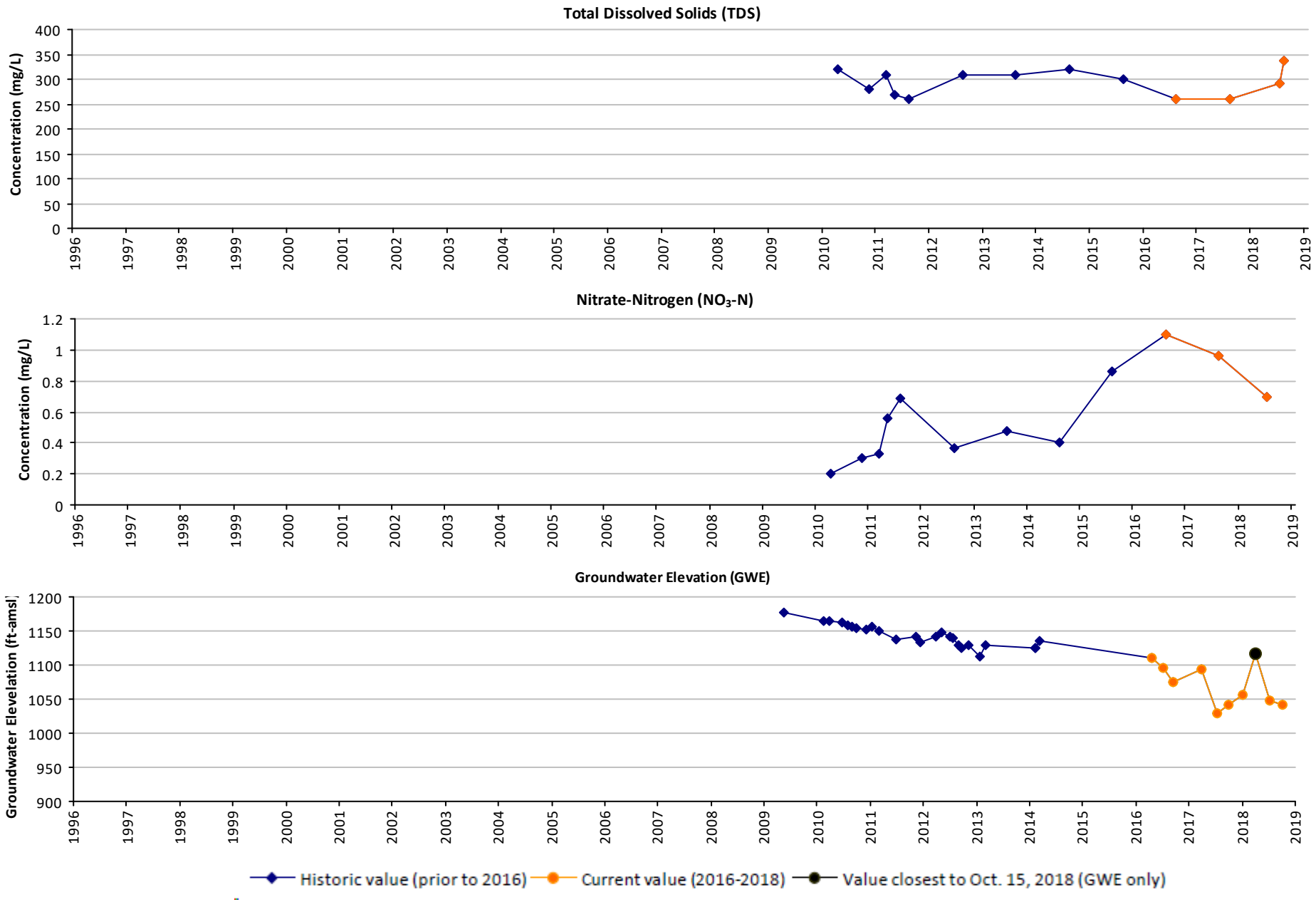

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

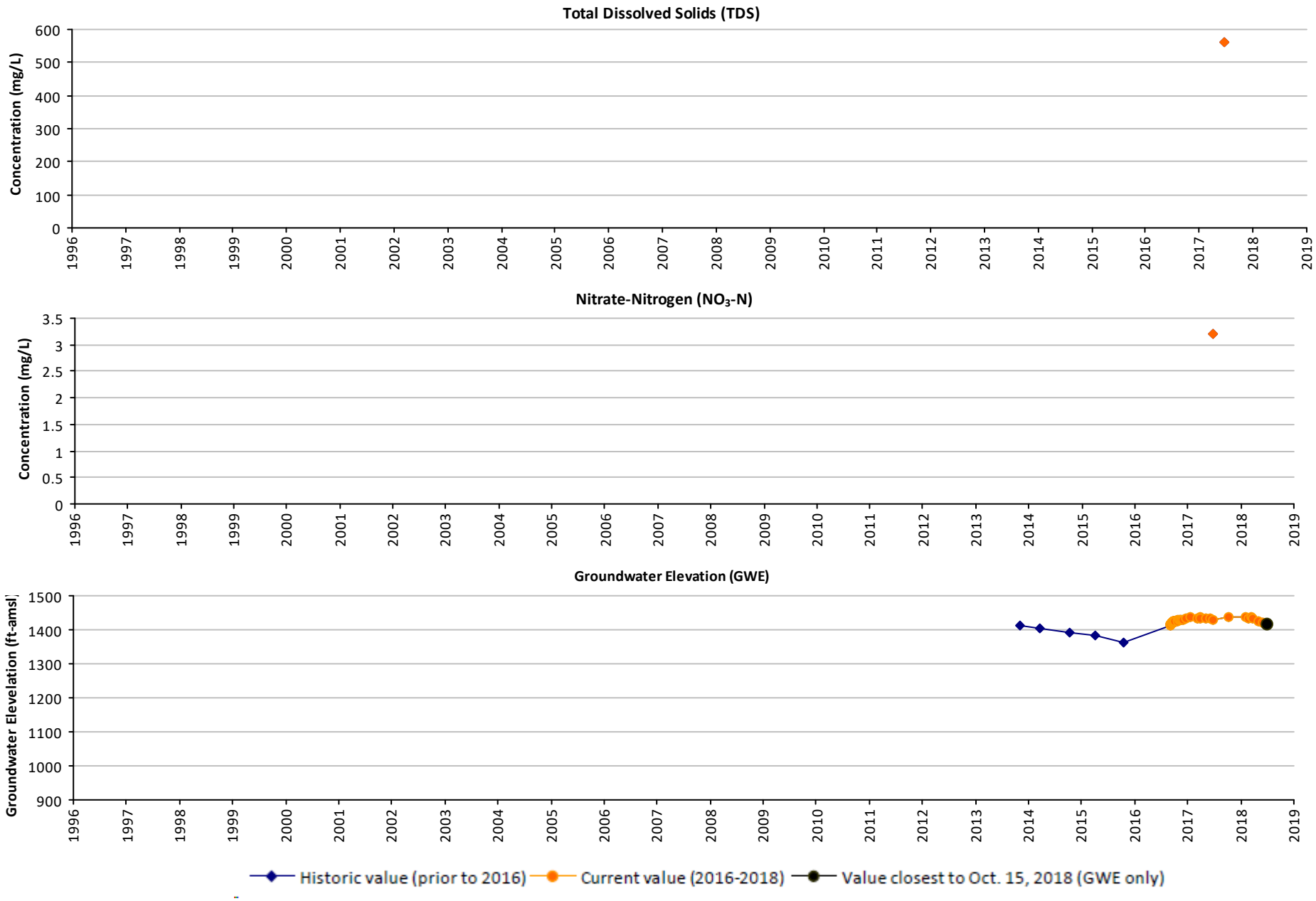

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

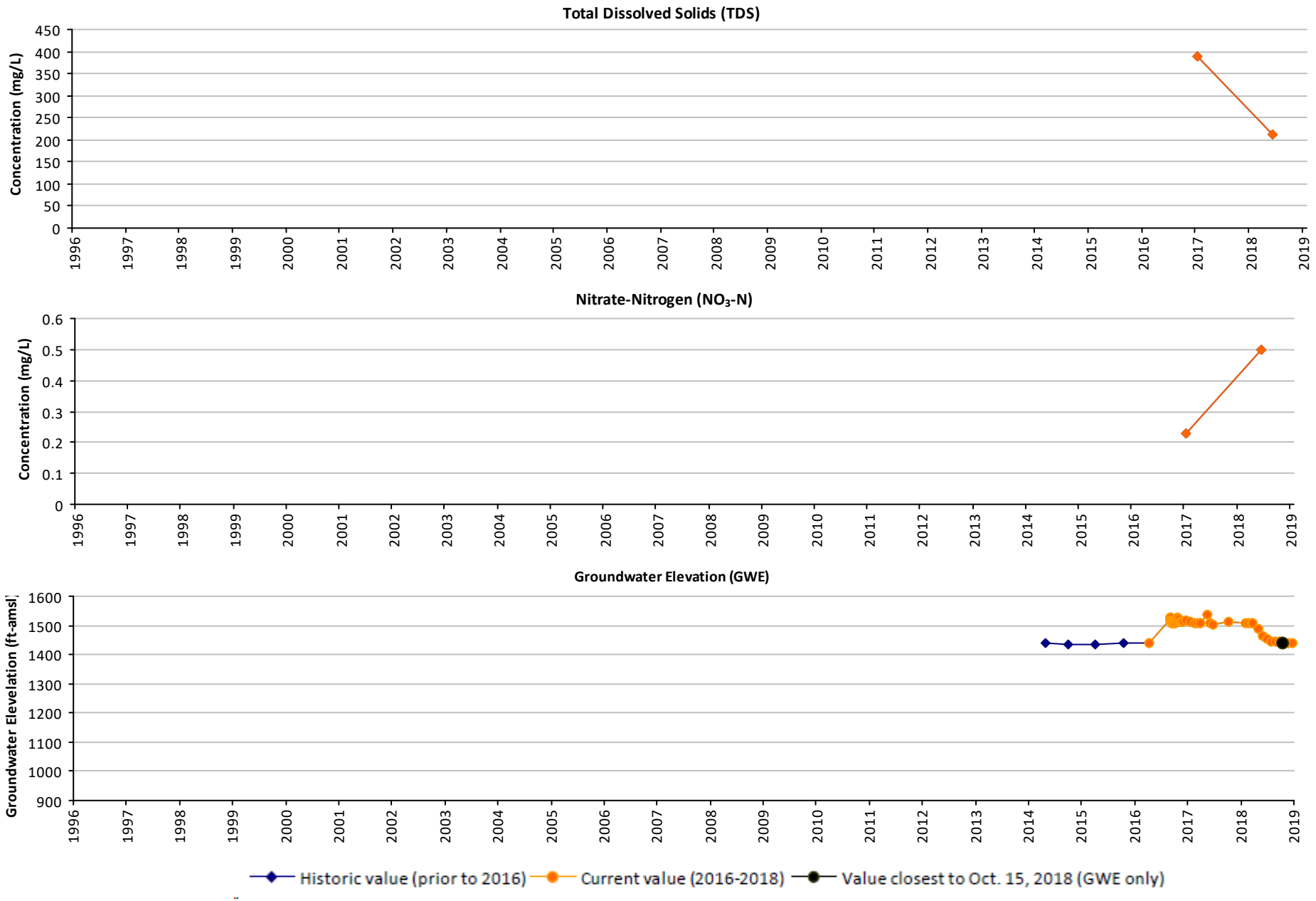

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

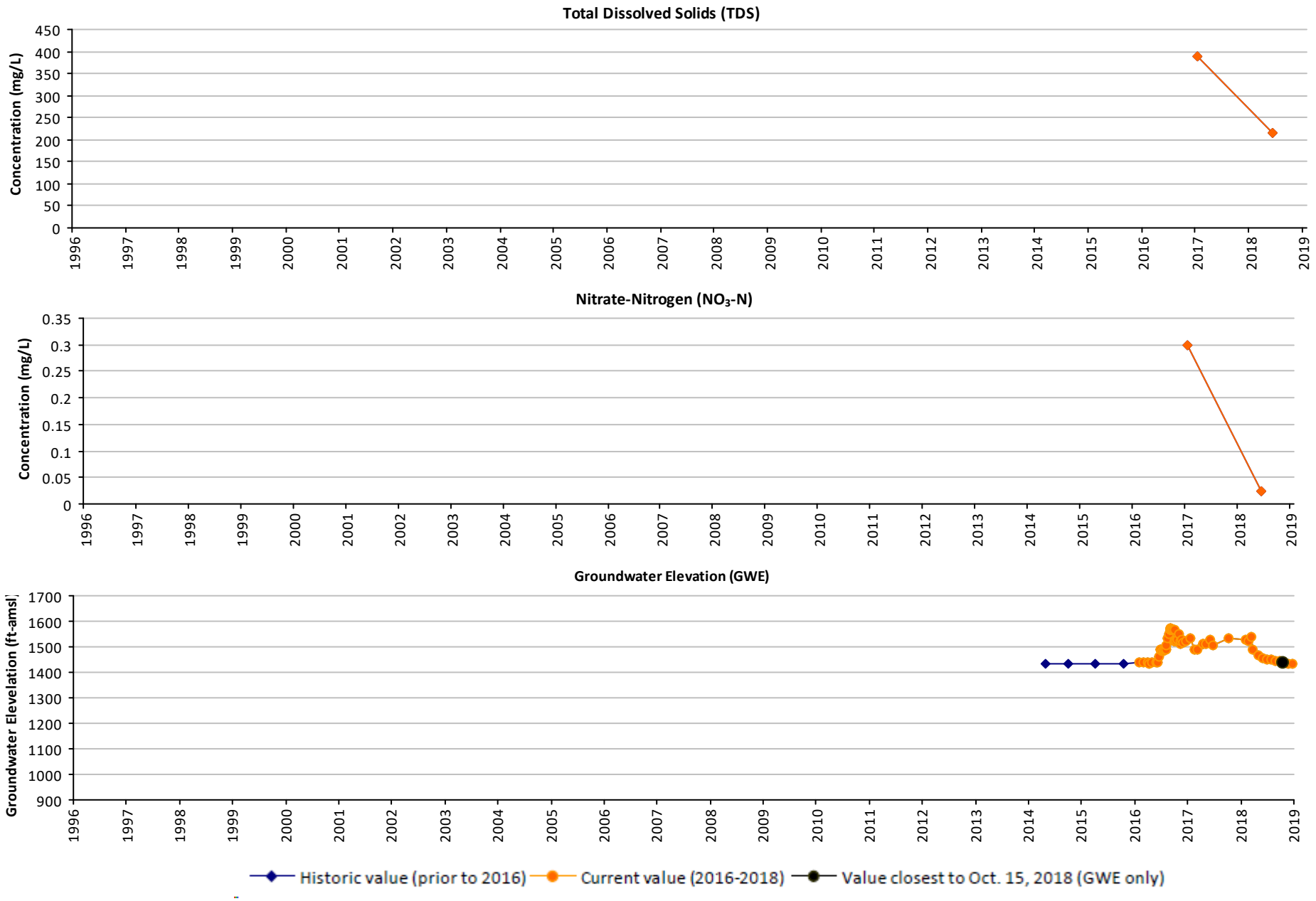

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1200
1150
1100
1050
1000
950
900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

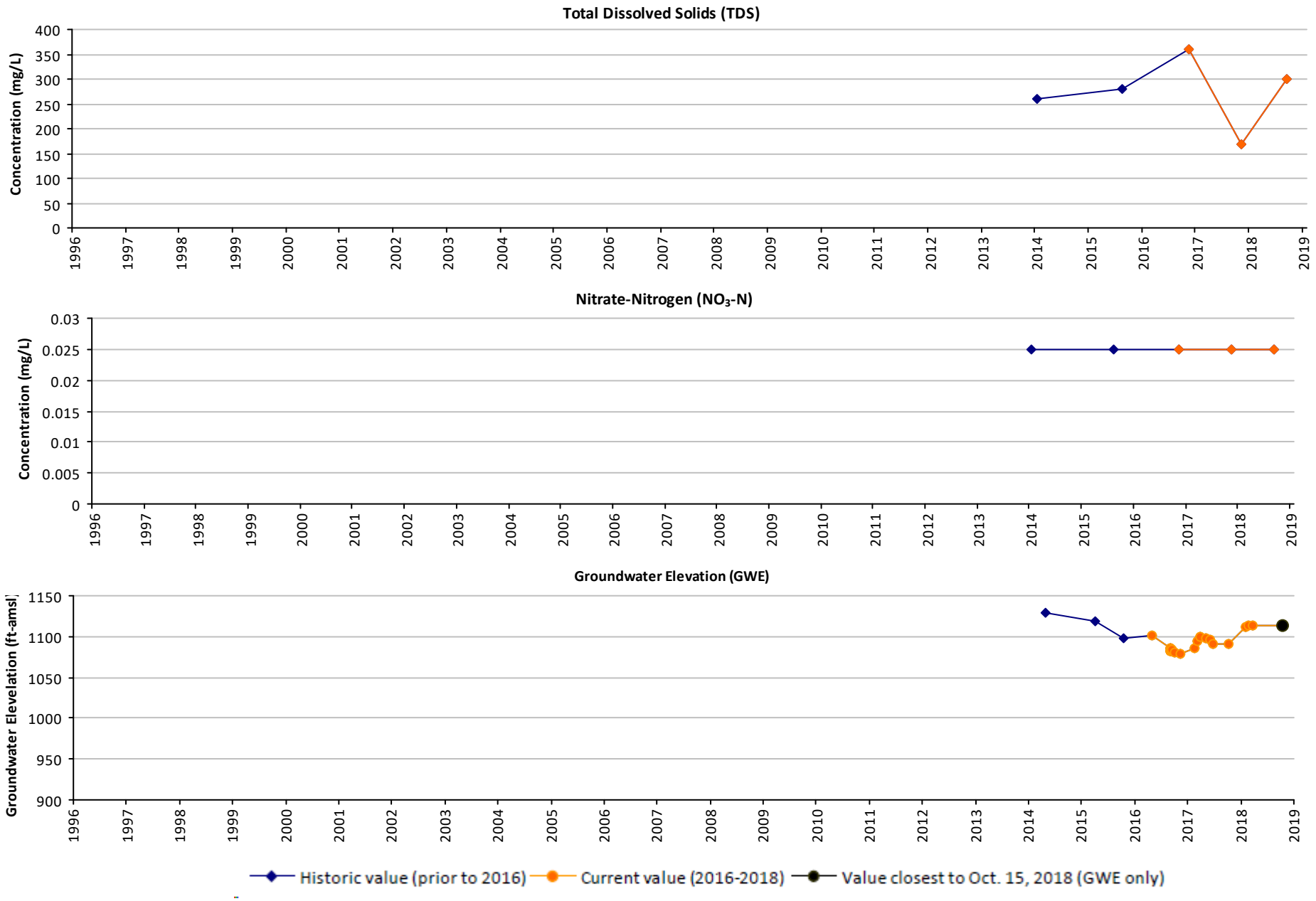

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

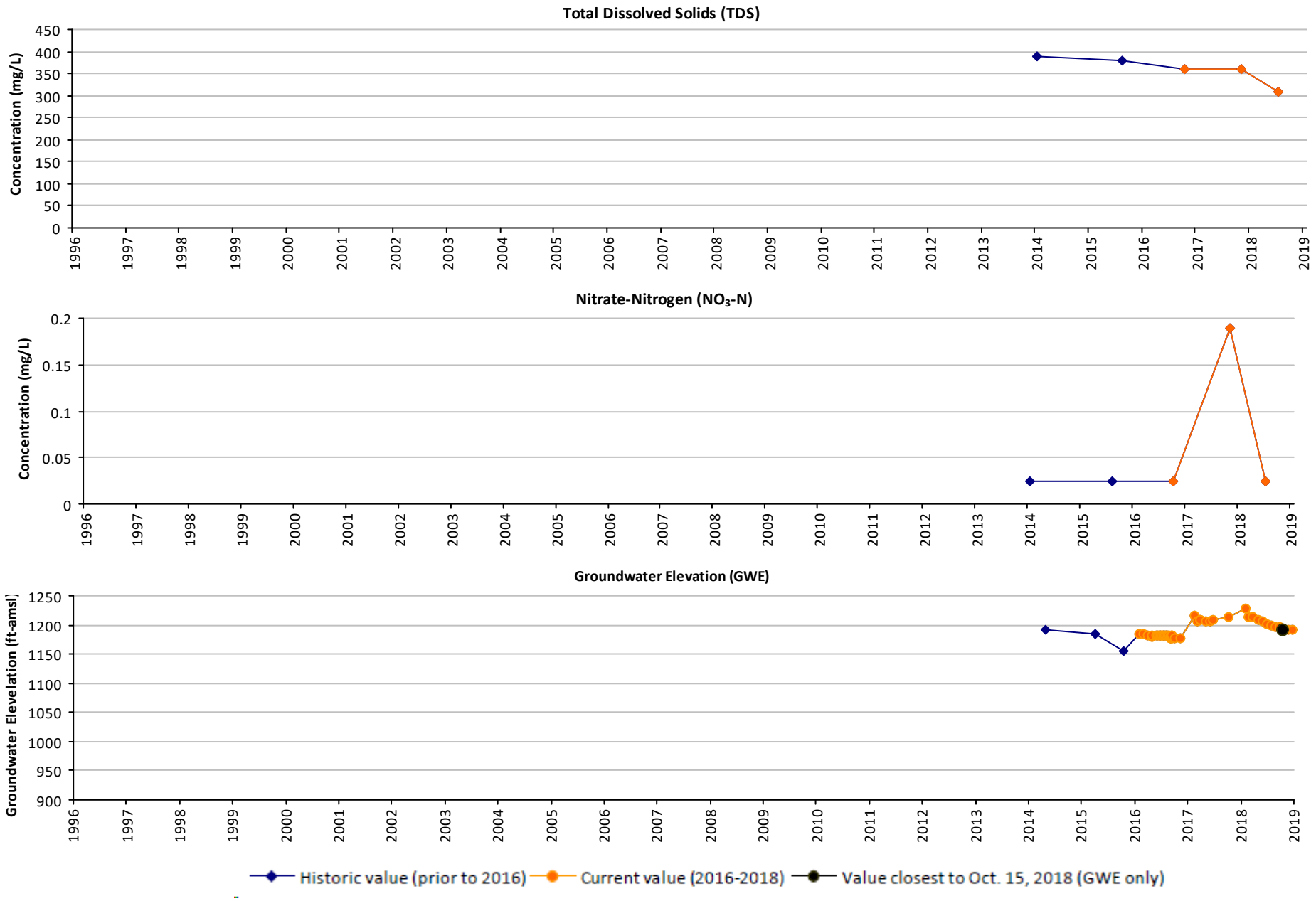

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

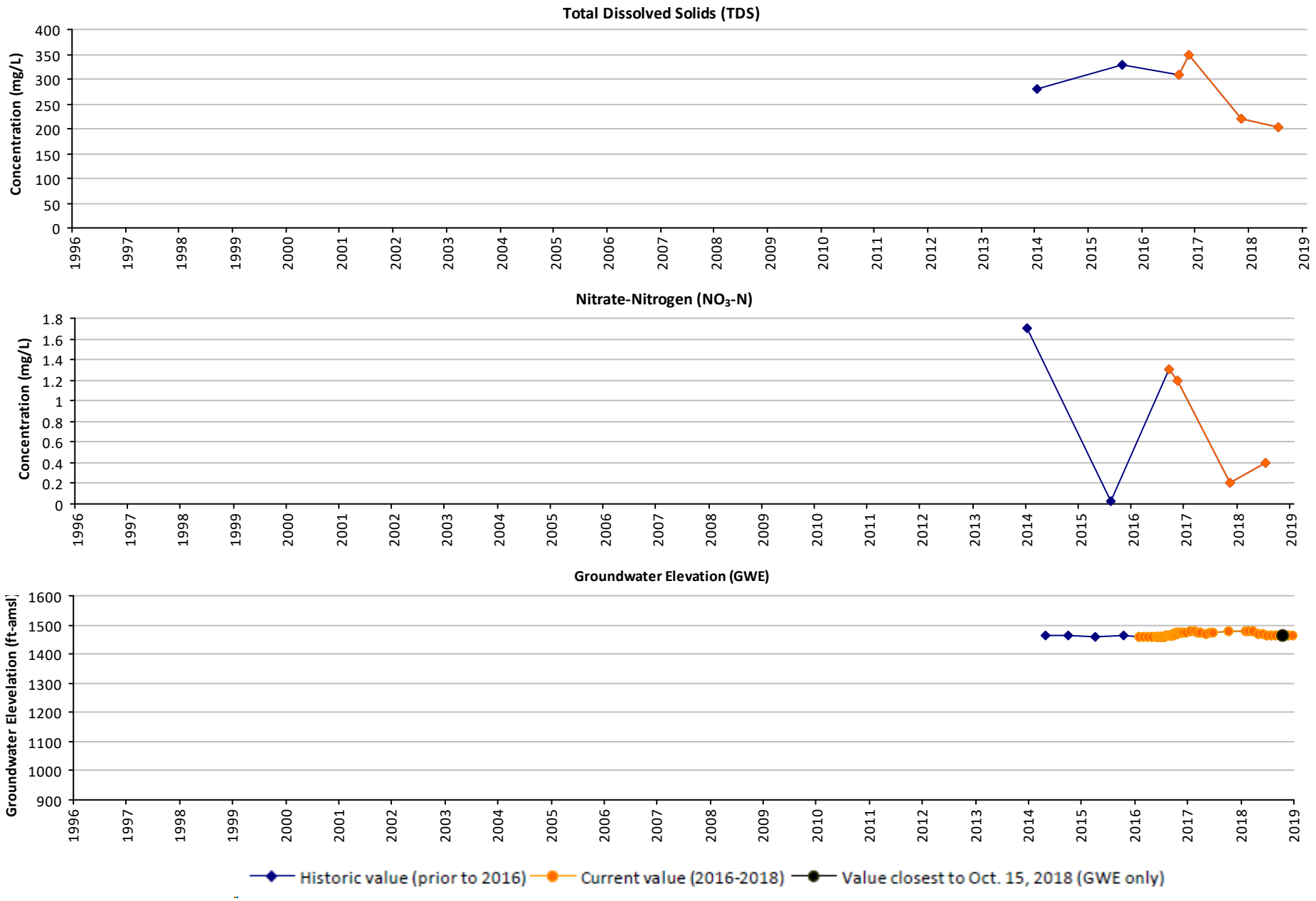

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

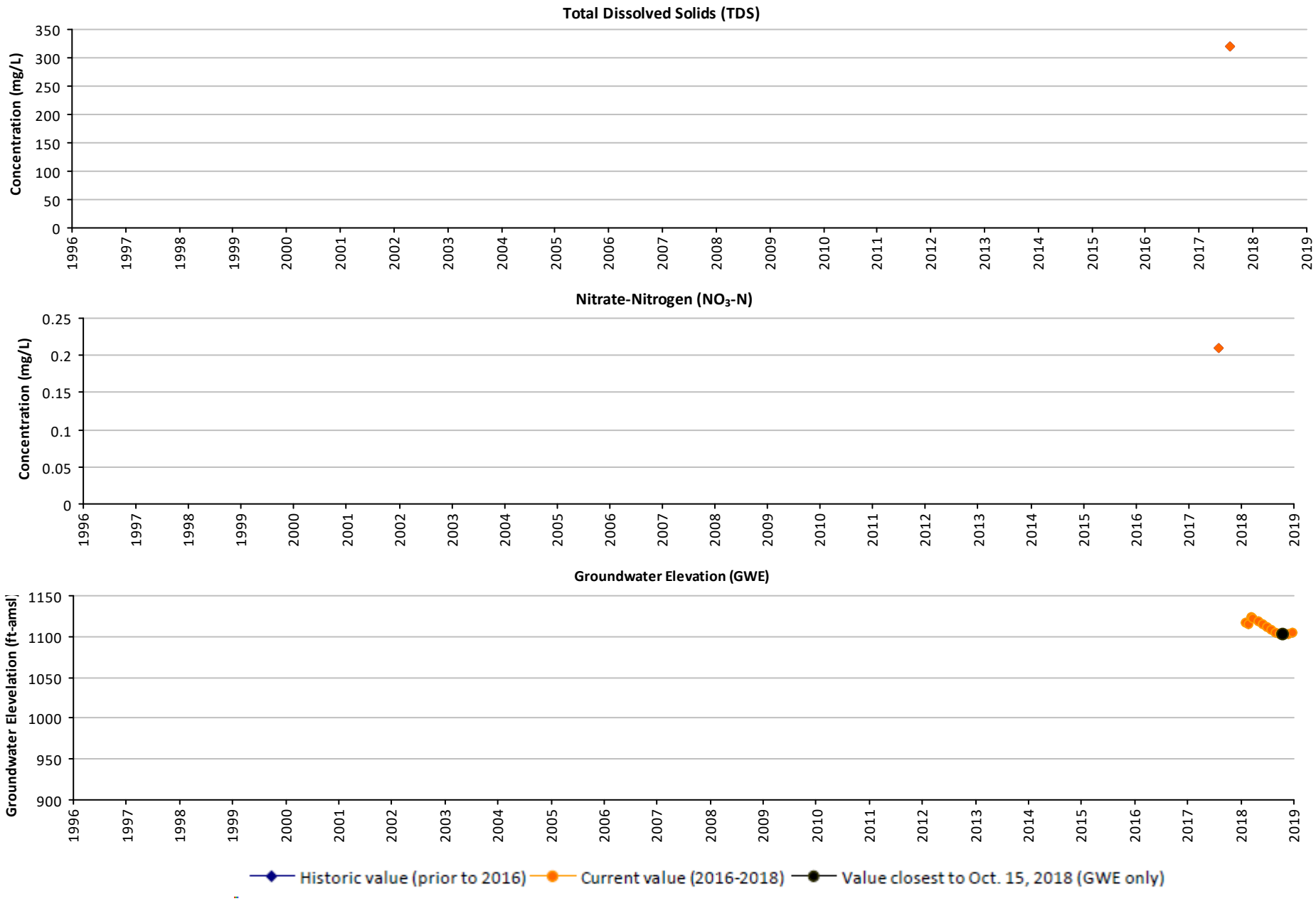

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
1000
1100
1200
1300
1400
1500
1600
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

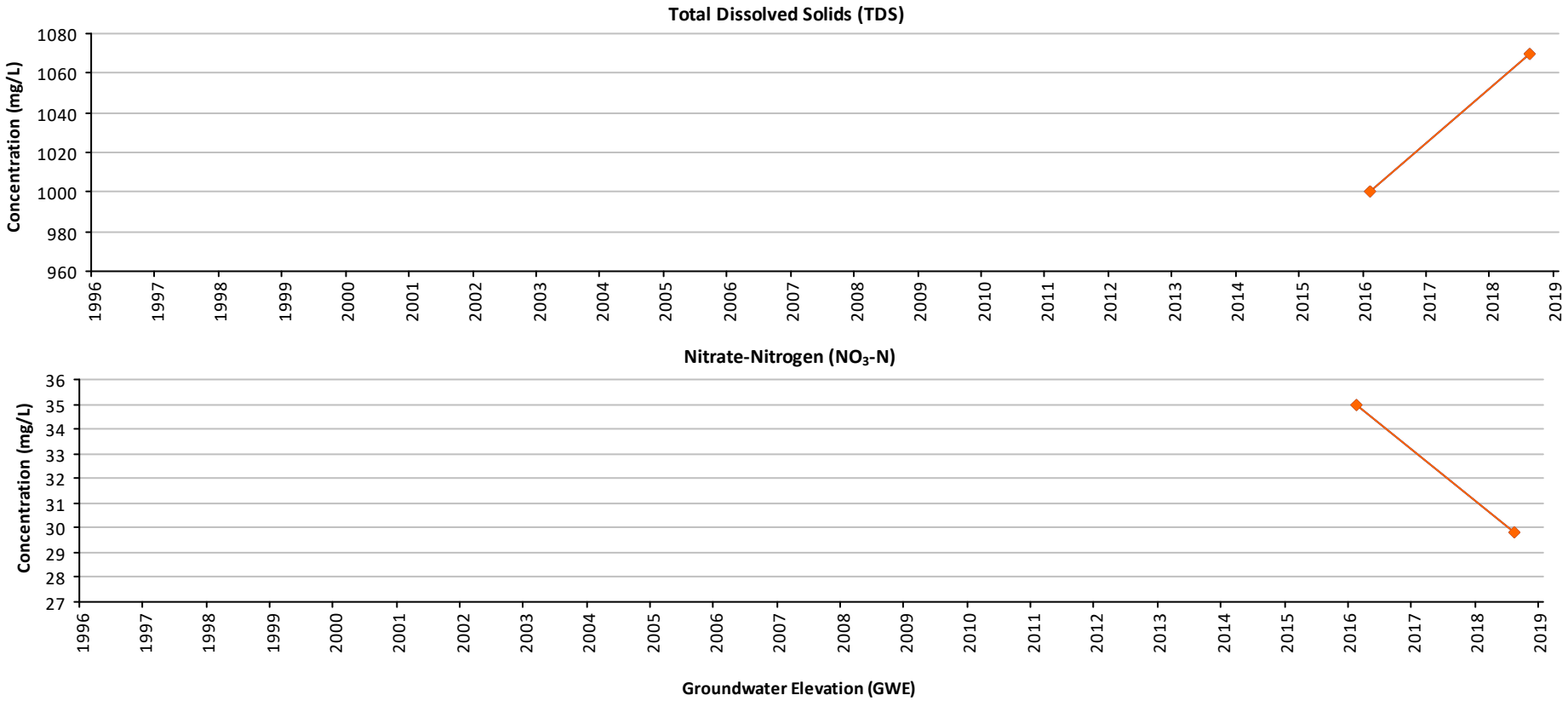

Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1700
1600
1500
1400
1300
1200
1100
1000
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1150
1100
1050
1000
950
900
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1250
1200
1150
1100
1050
1000
950
900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

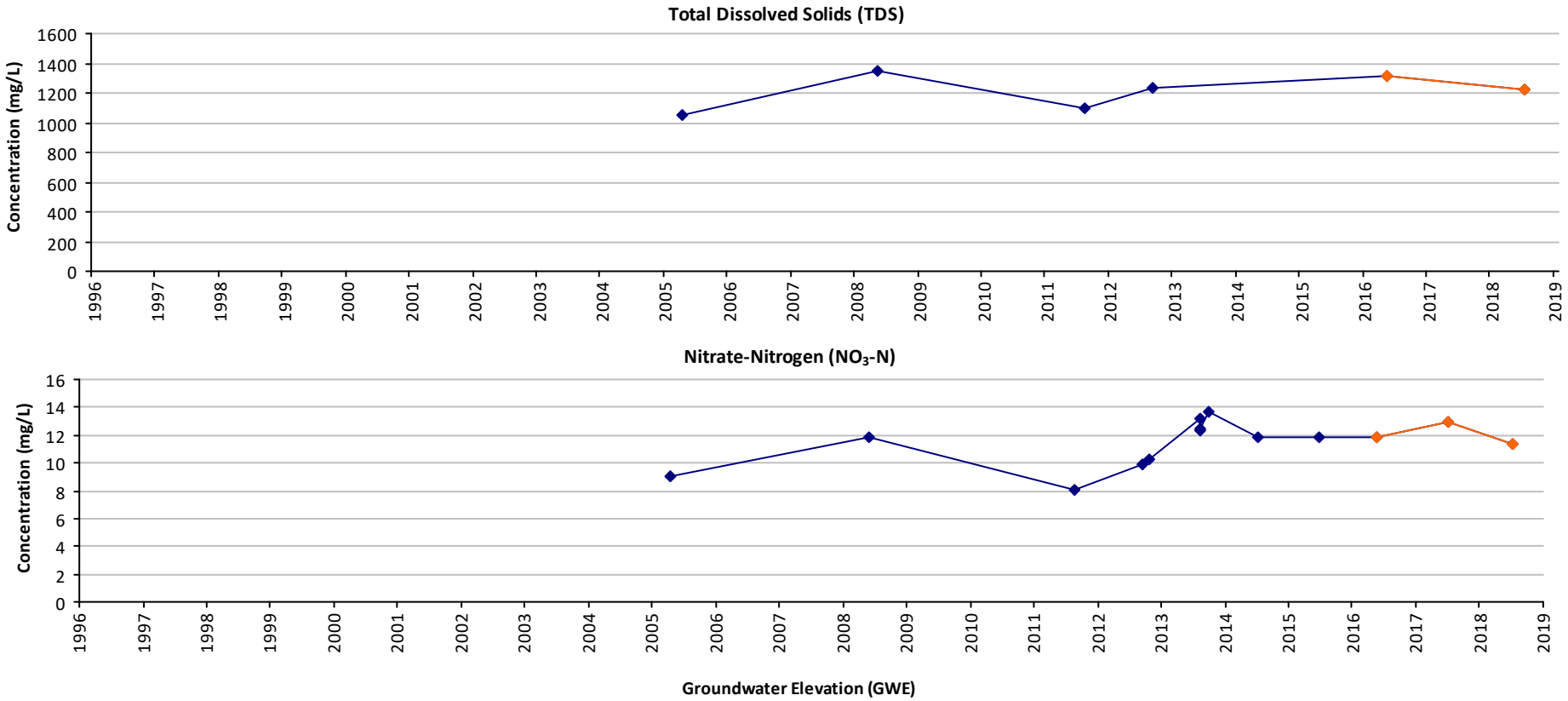

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

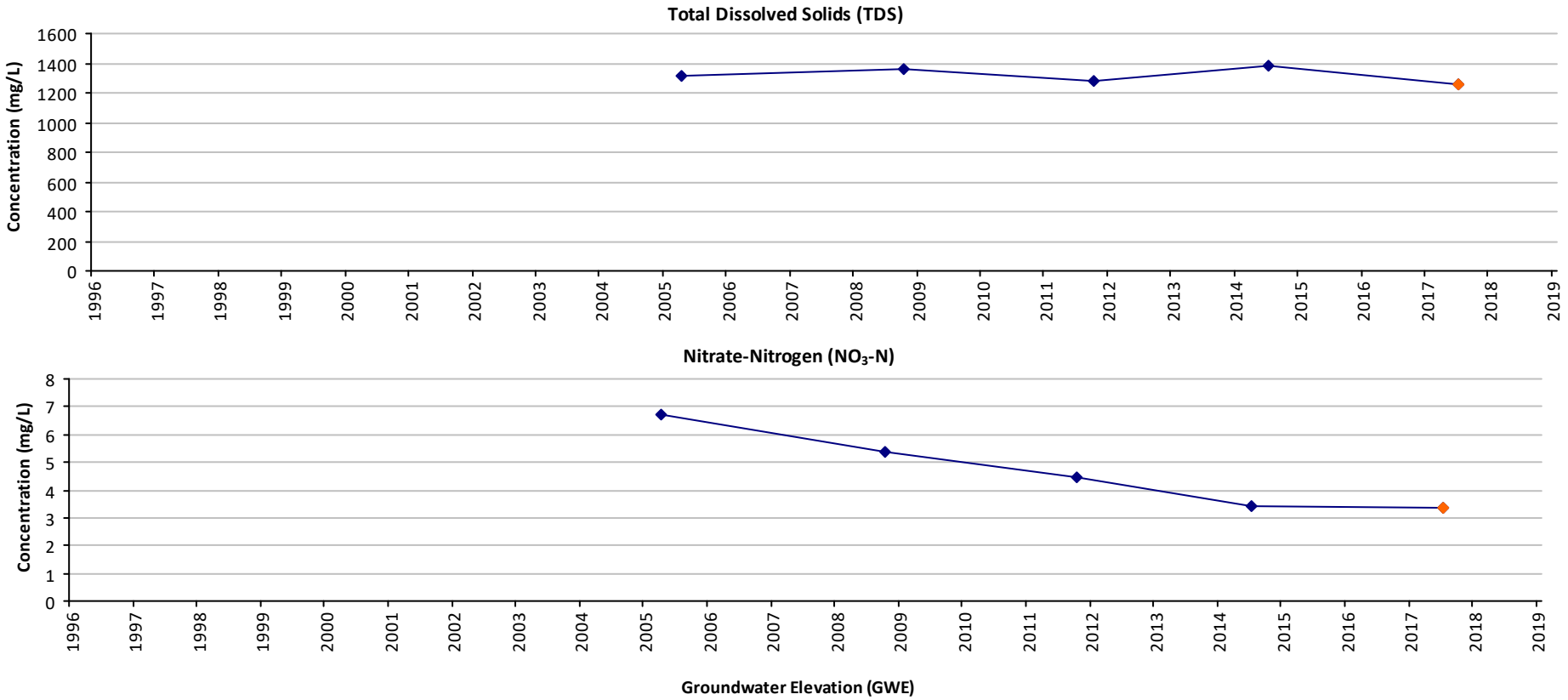

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.05
0.1
0.15
0.2
0.25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
900
950
1000
1050
1100
1150
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

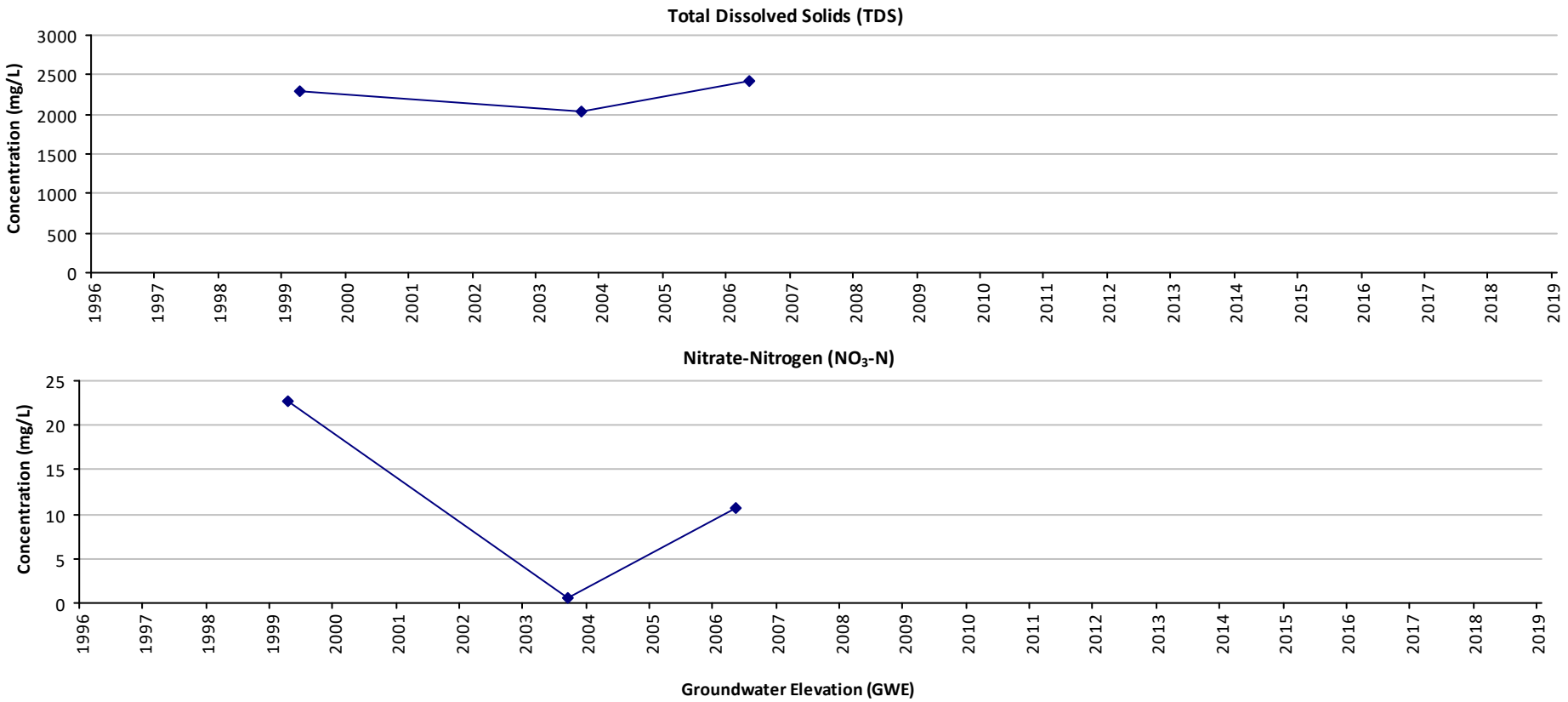

Total Dissolved Solids (TDS)
Concentration (mg/L)
1080
1060
1040
1020
1000
980
960
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
36
35
34
33
32
31
30
29
28
27
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

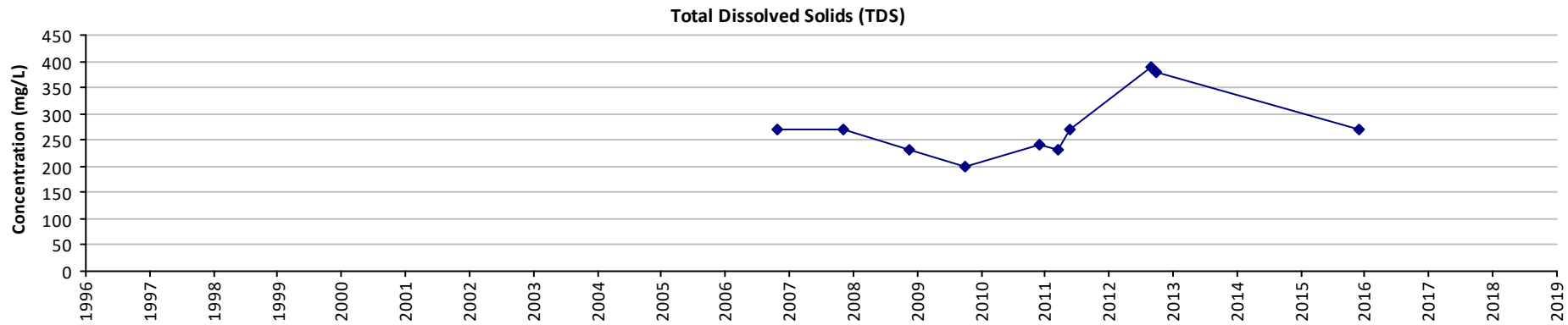
1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

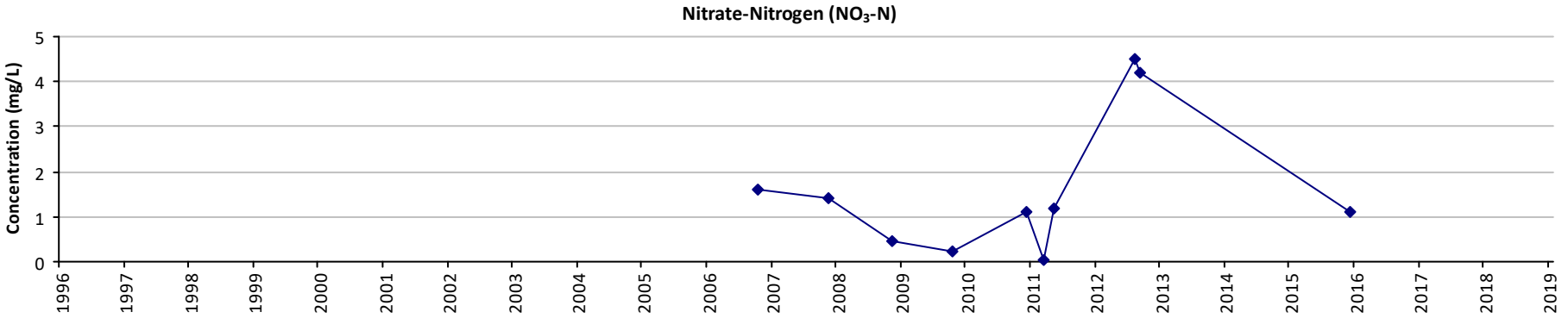
Well ID: 1213347
Management Zone: Santiago

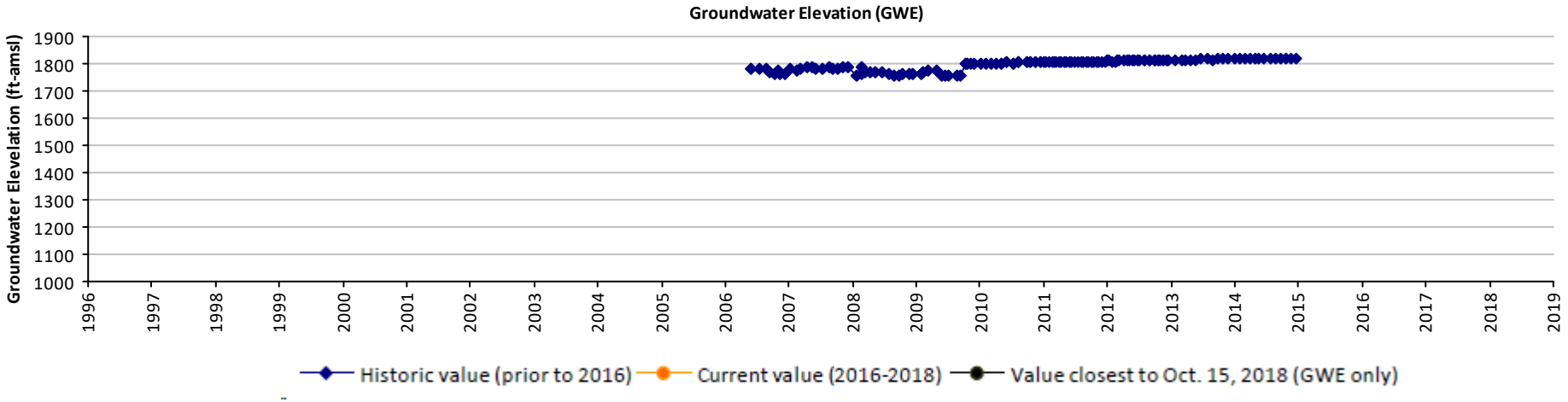


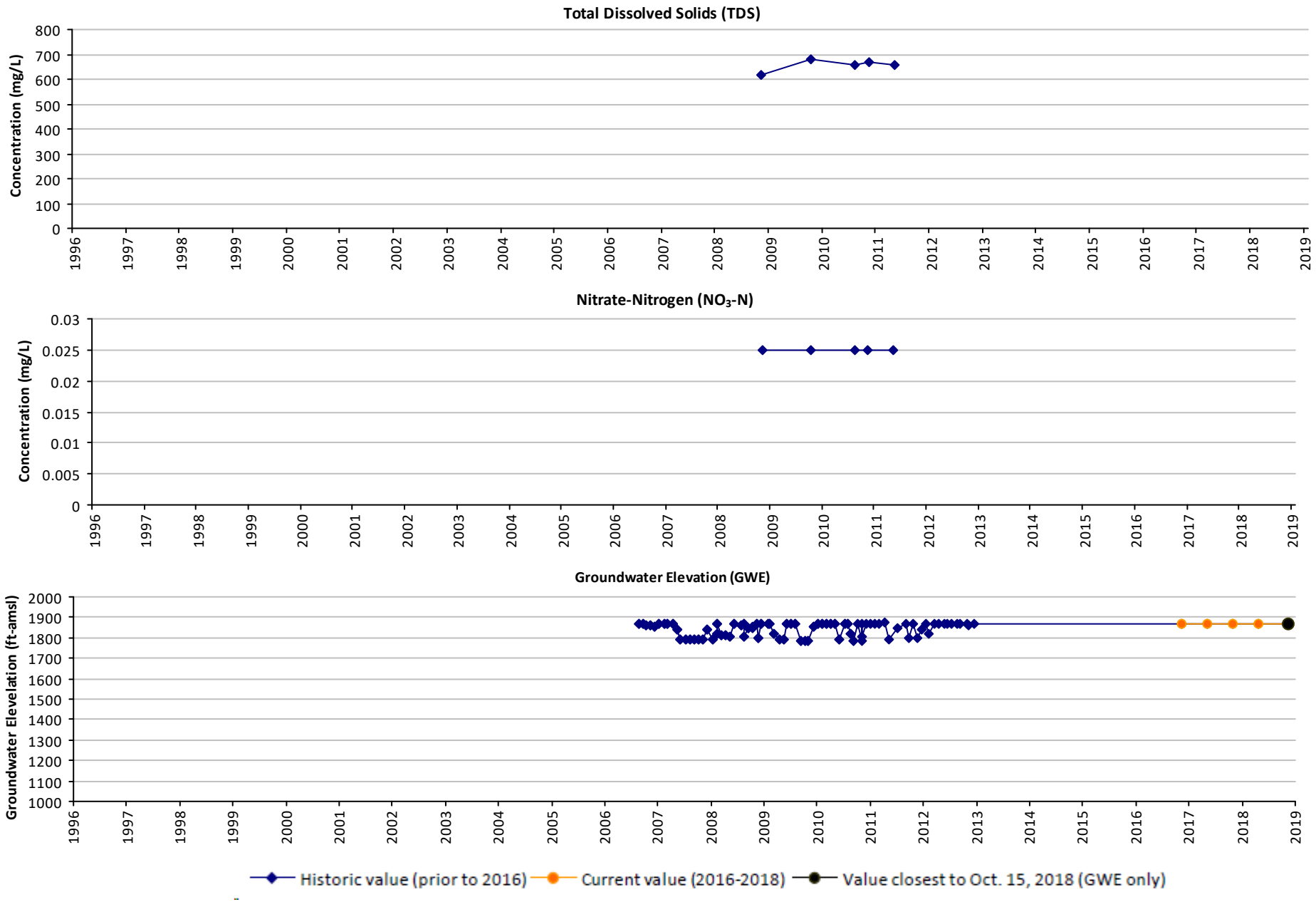

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

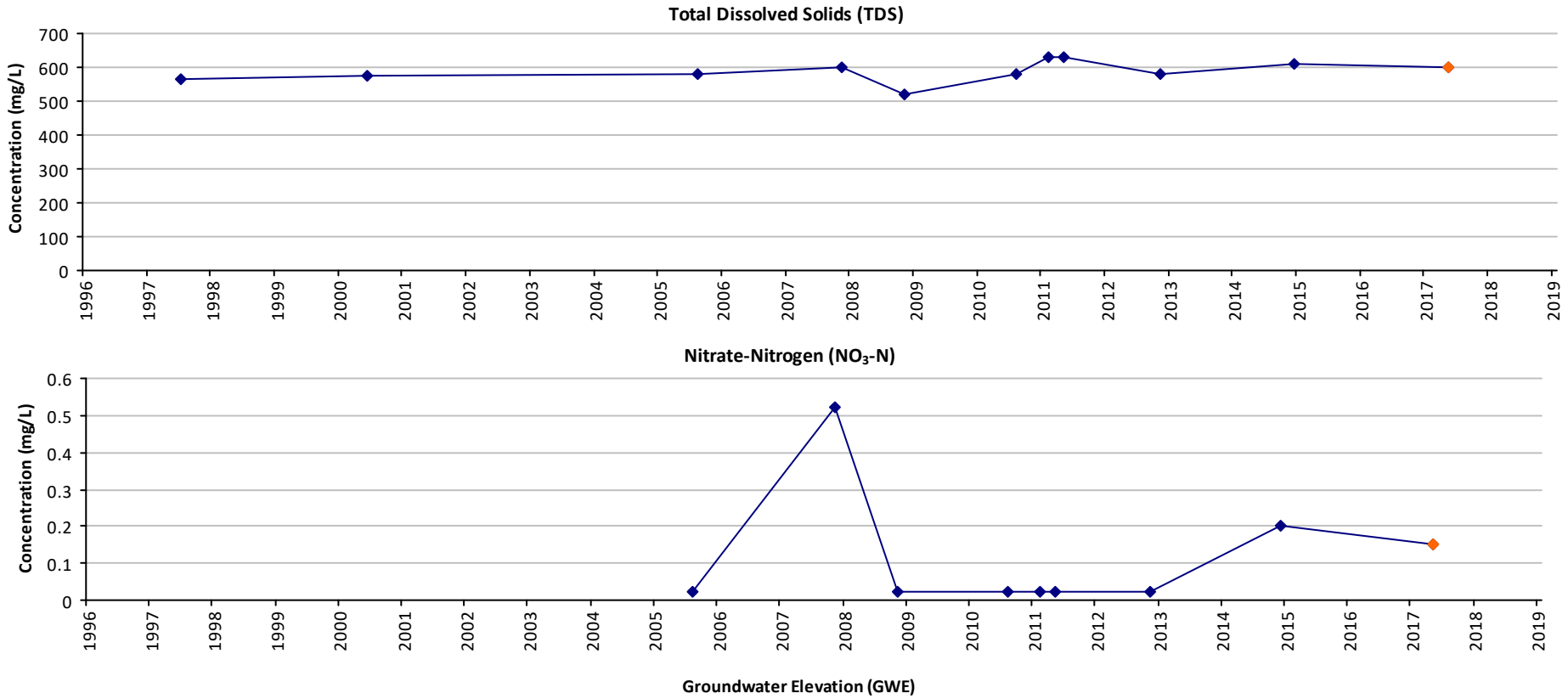

Total Dissolved Solids (TDS)
Concentration (mg/L)
3000
2500
2000
1500
1000
500
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

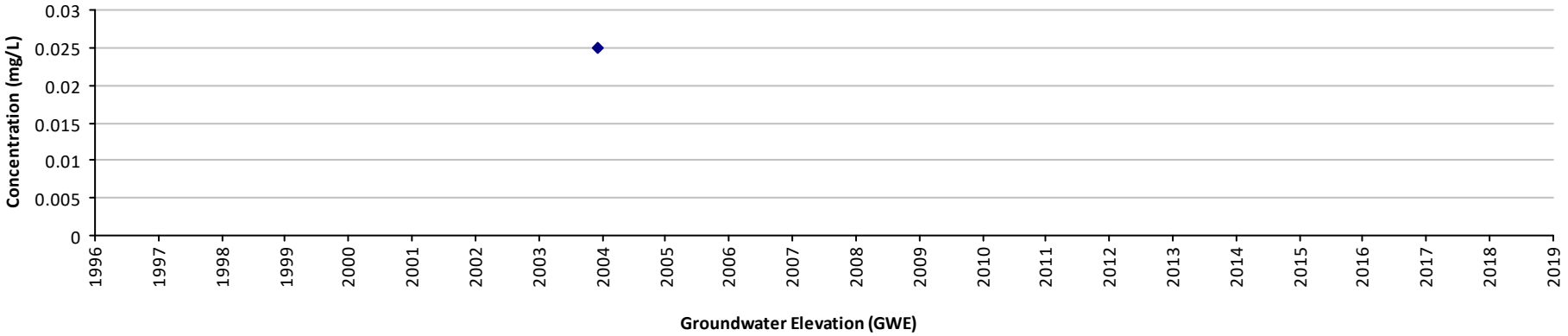

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)



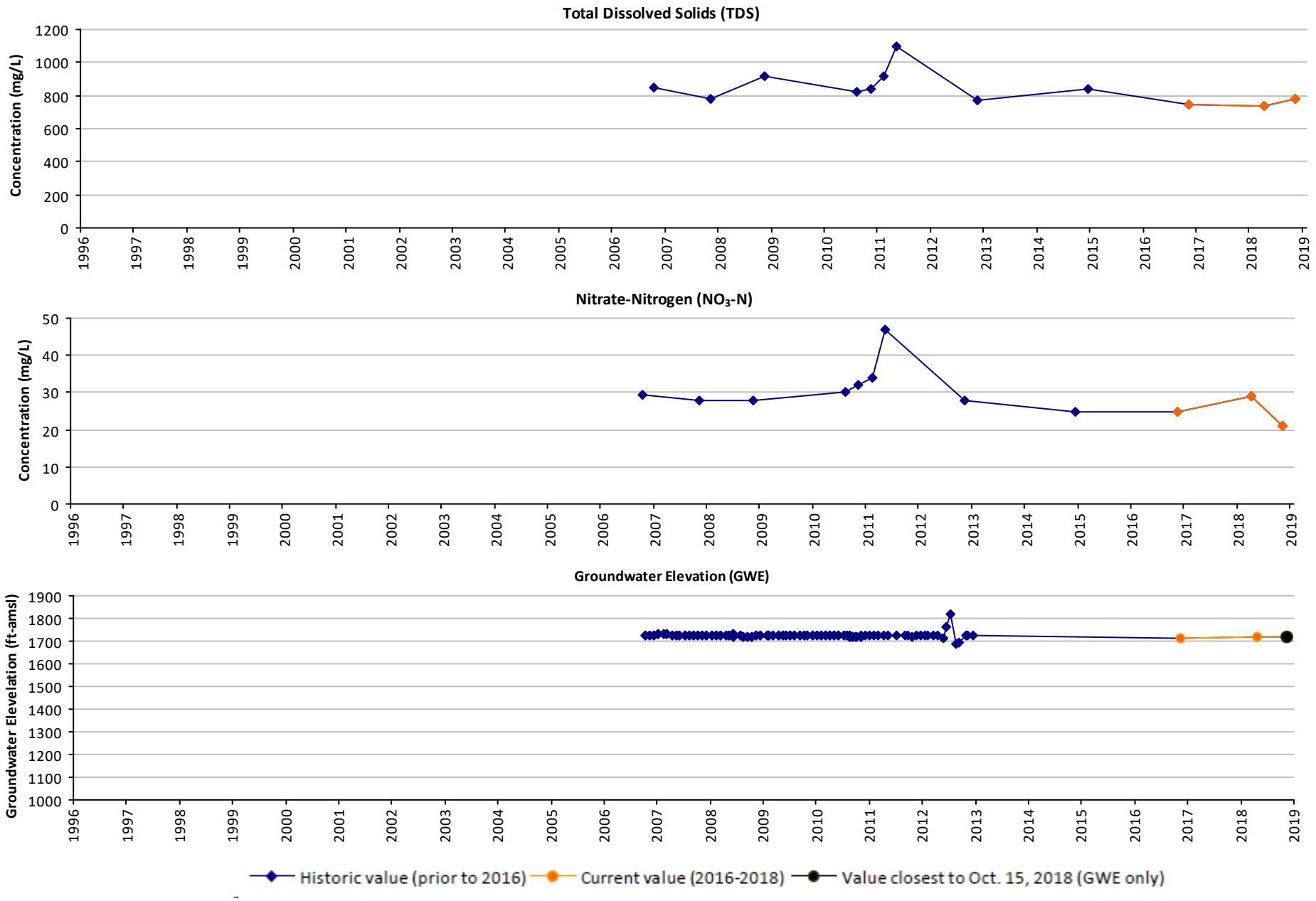
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

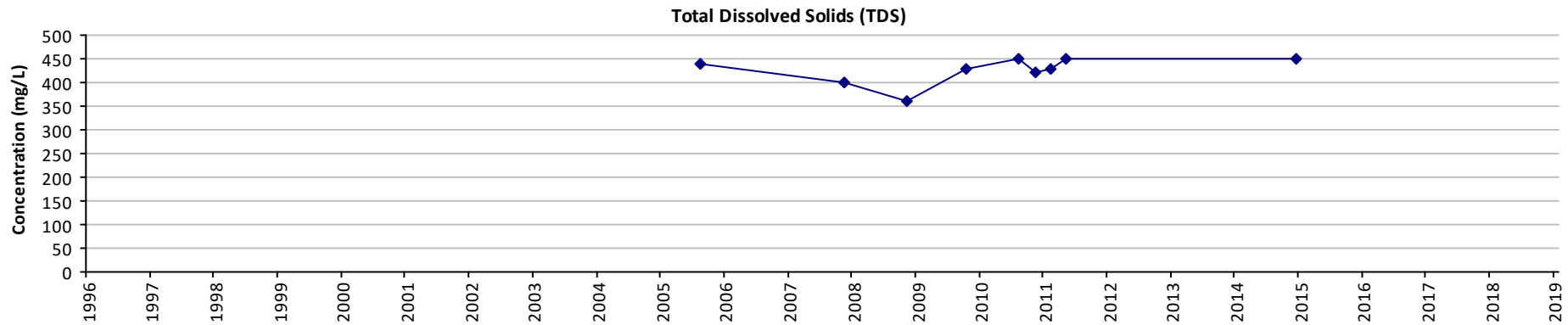
Total Dissolved Solids (TDS)

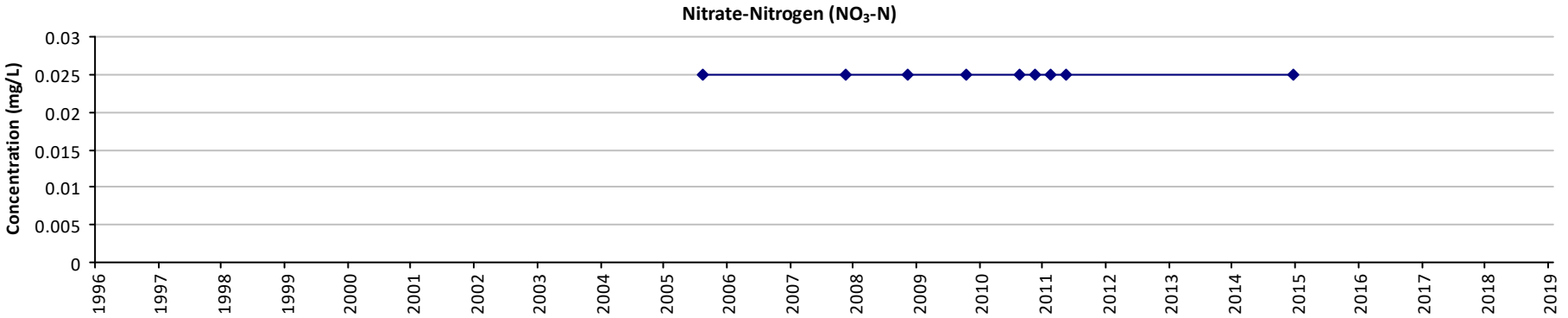
Nitrate-Nitrogen (NO_3-N)

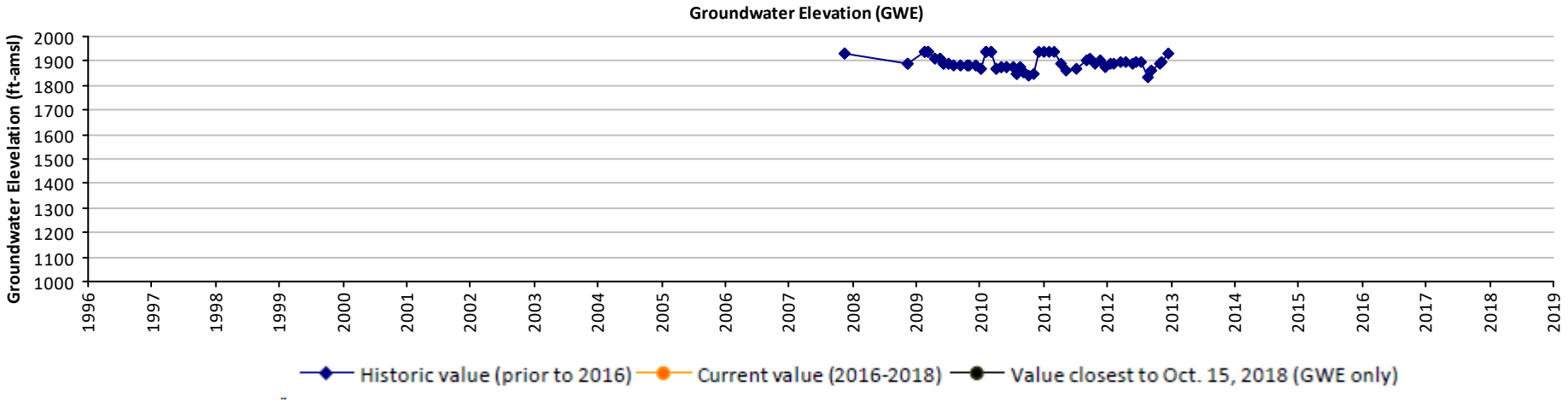


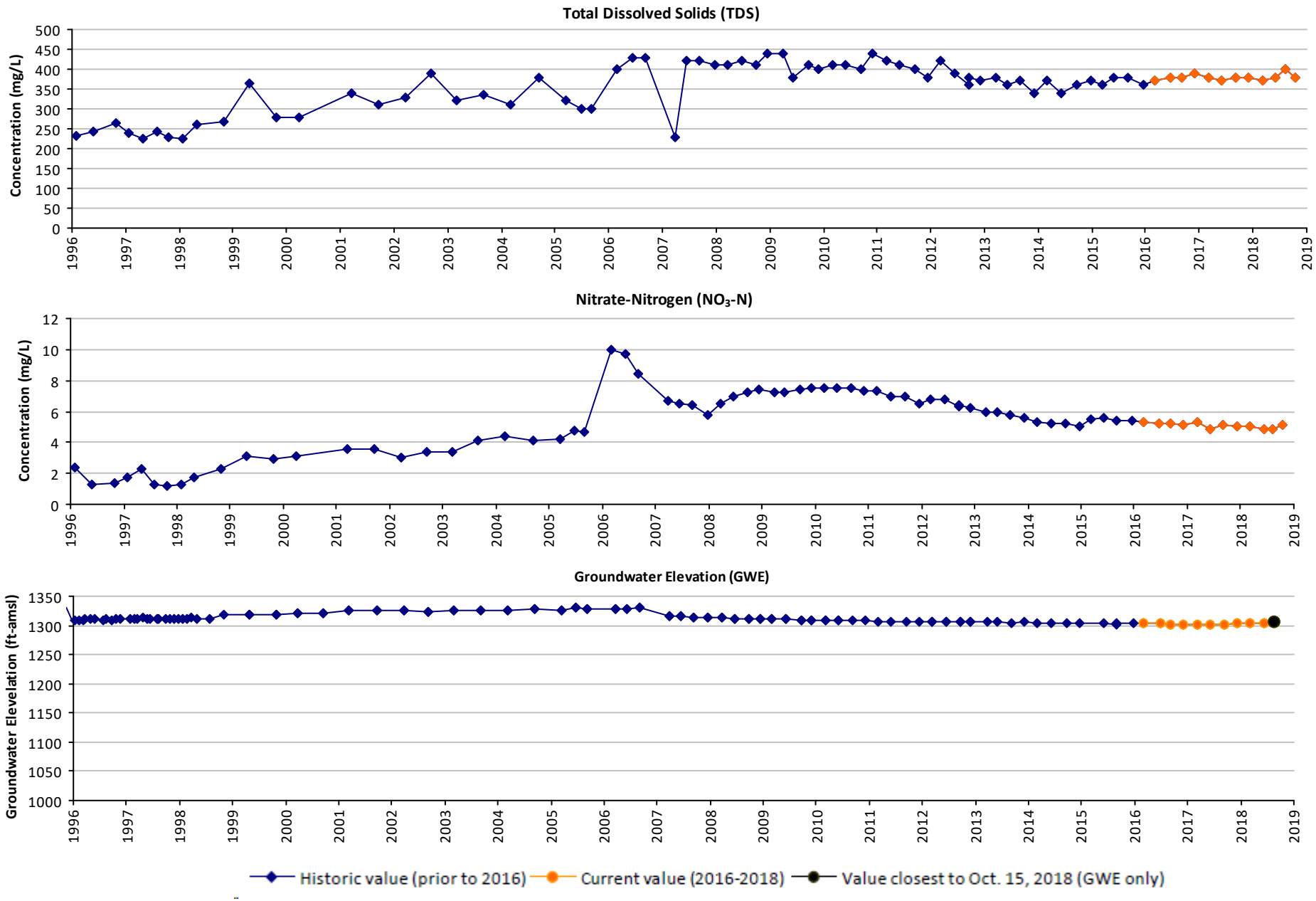
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

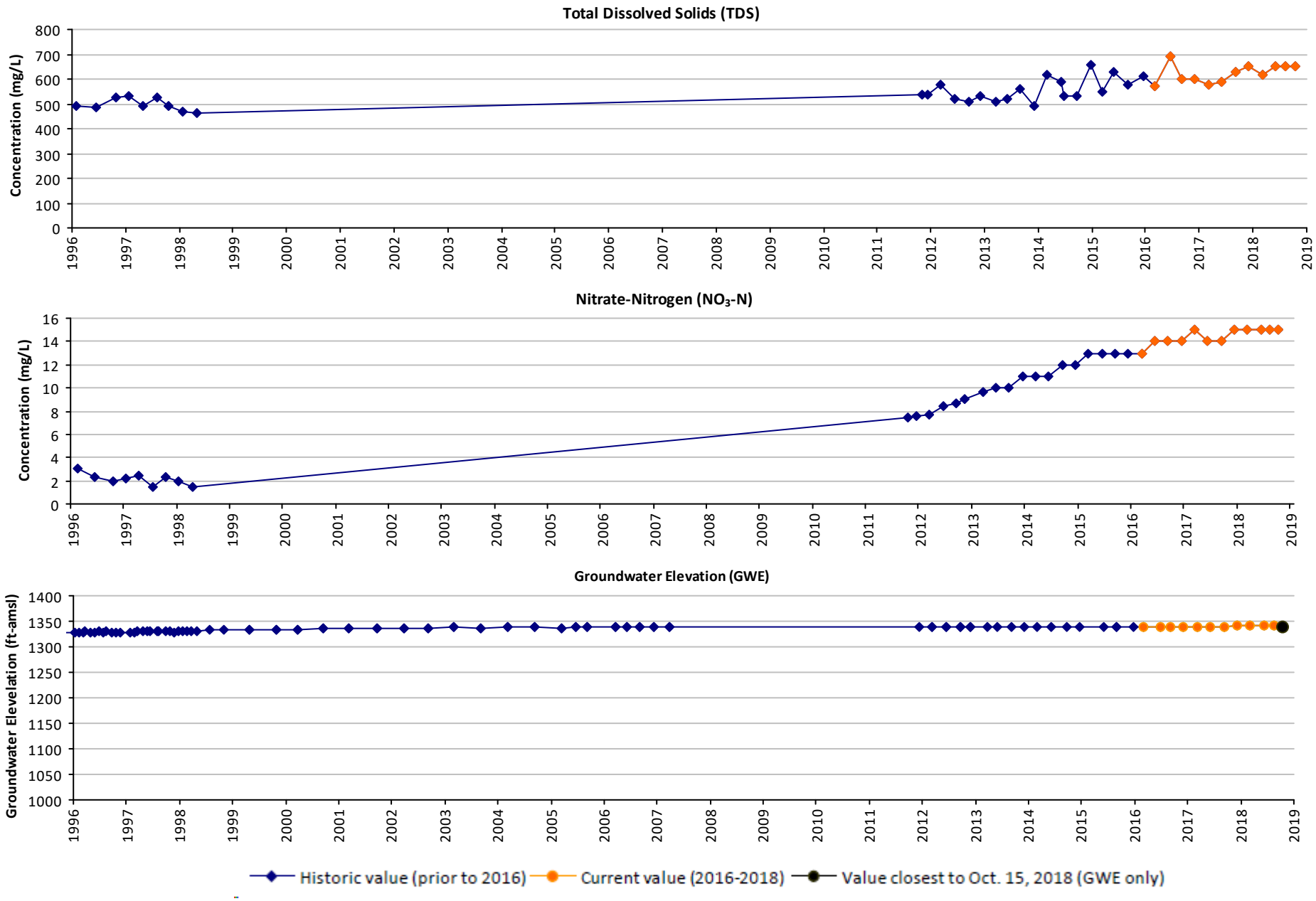

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
10
20
30
40
50
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

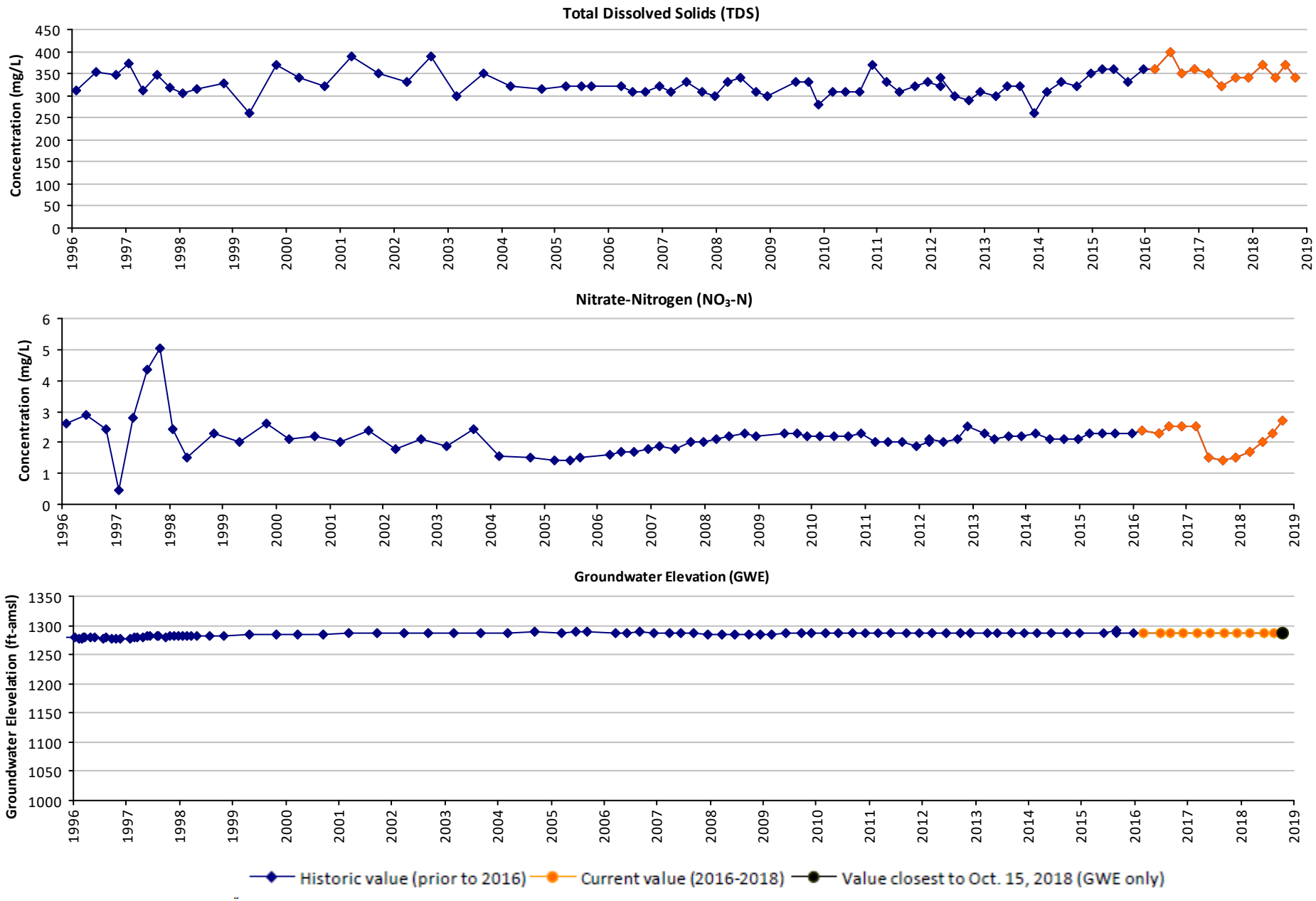

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

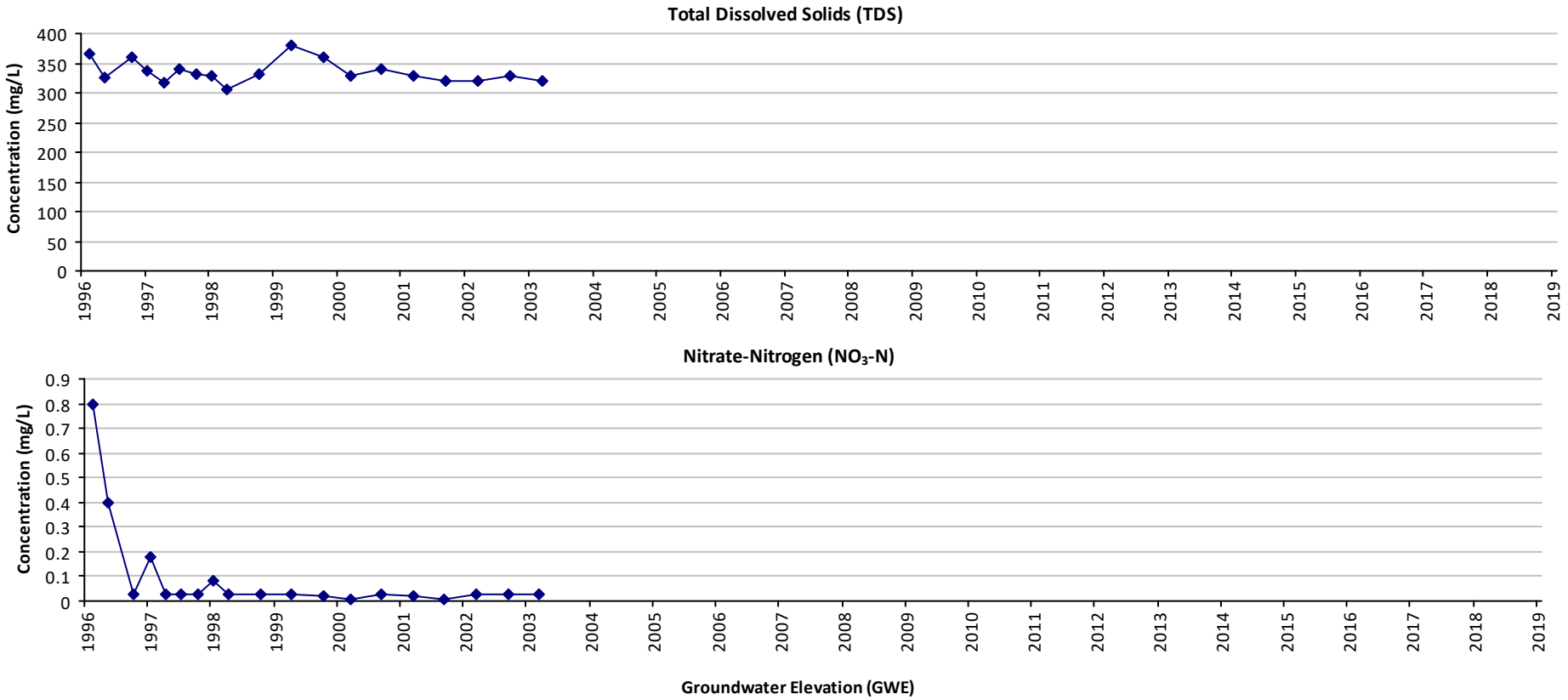

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

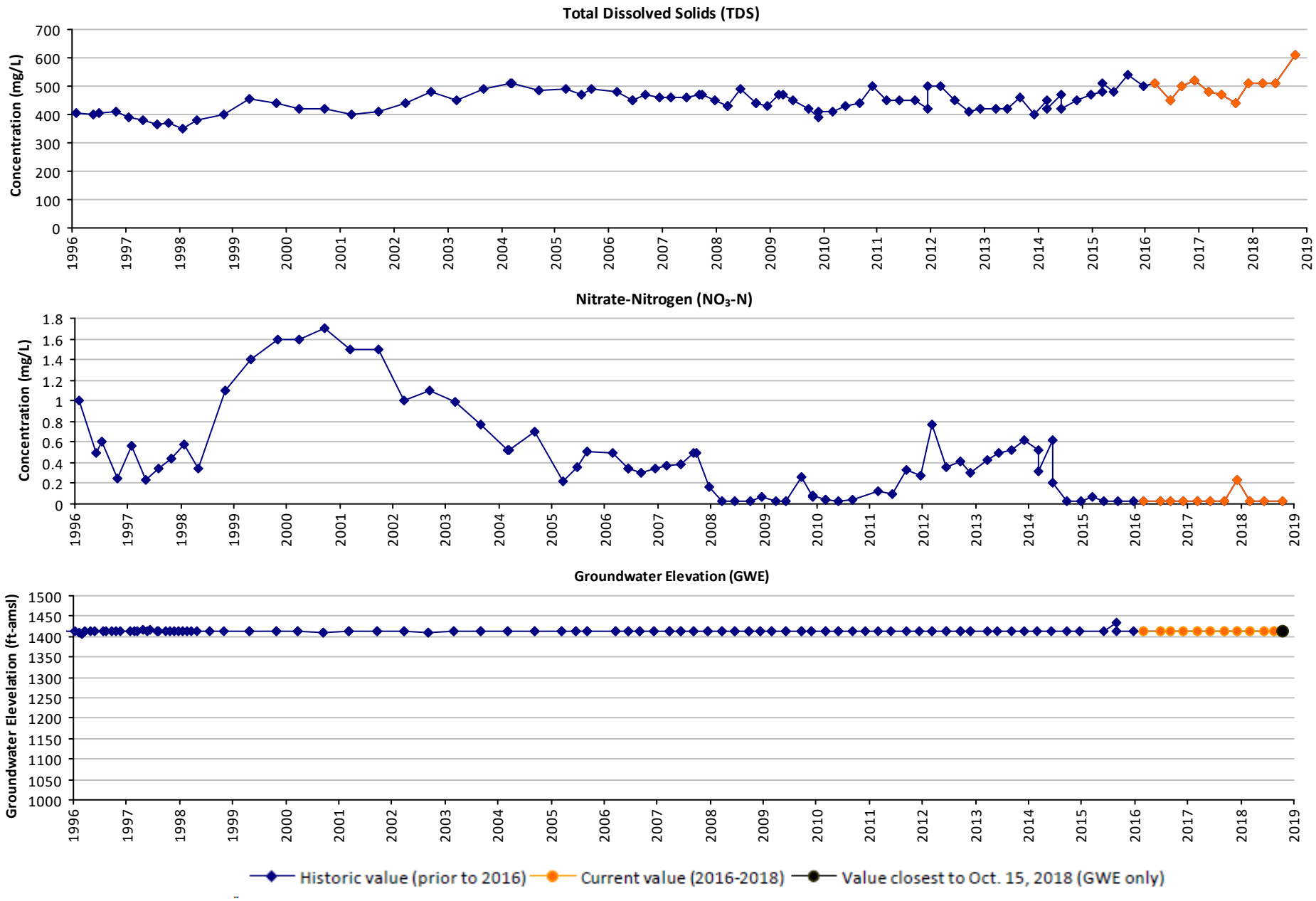

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

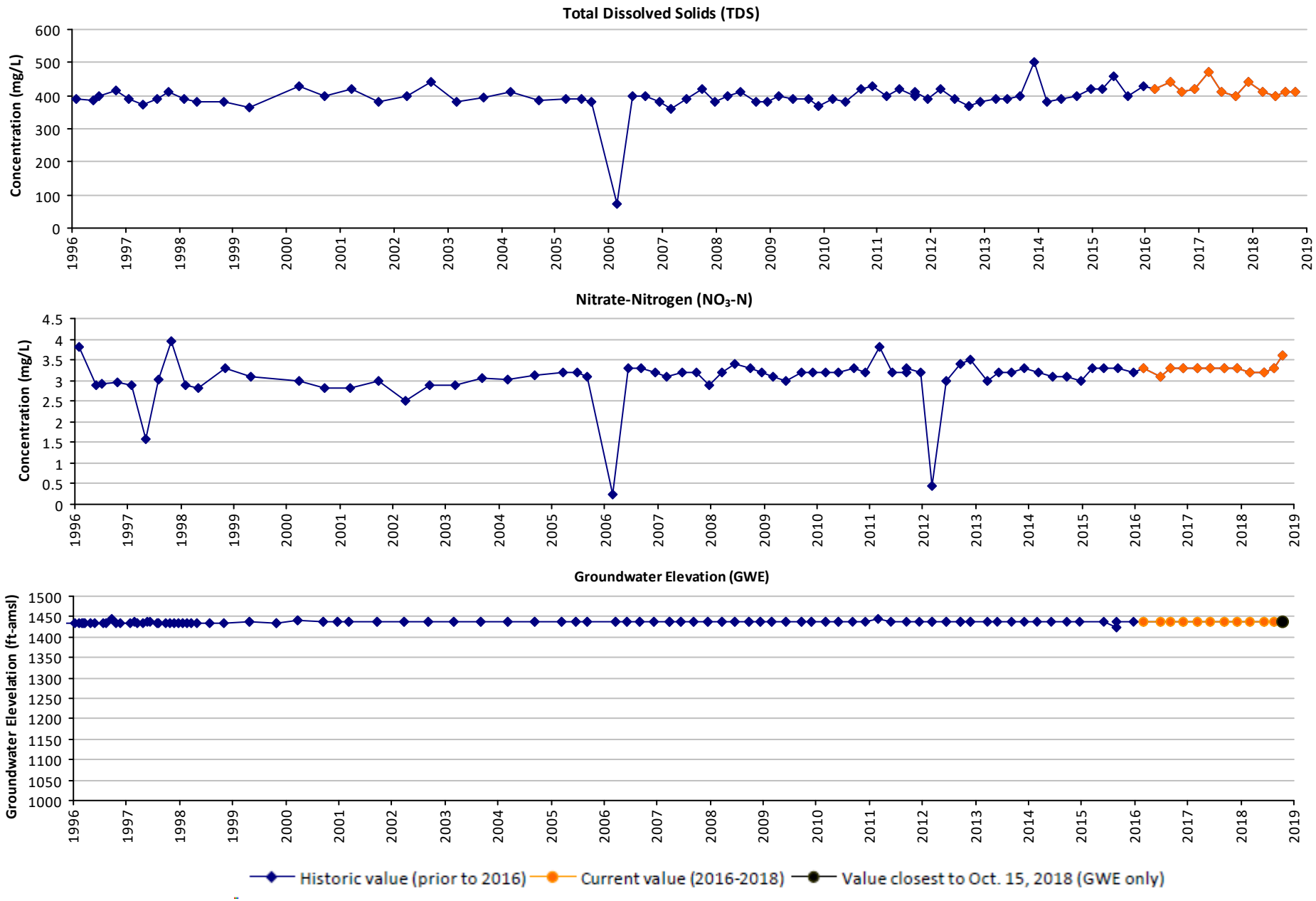

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

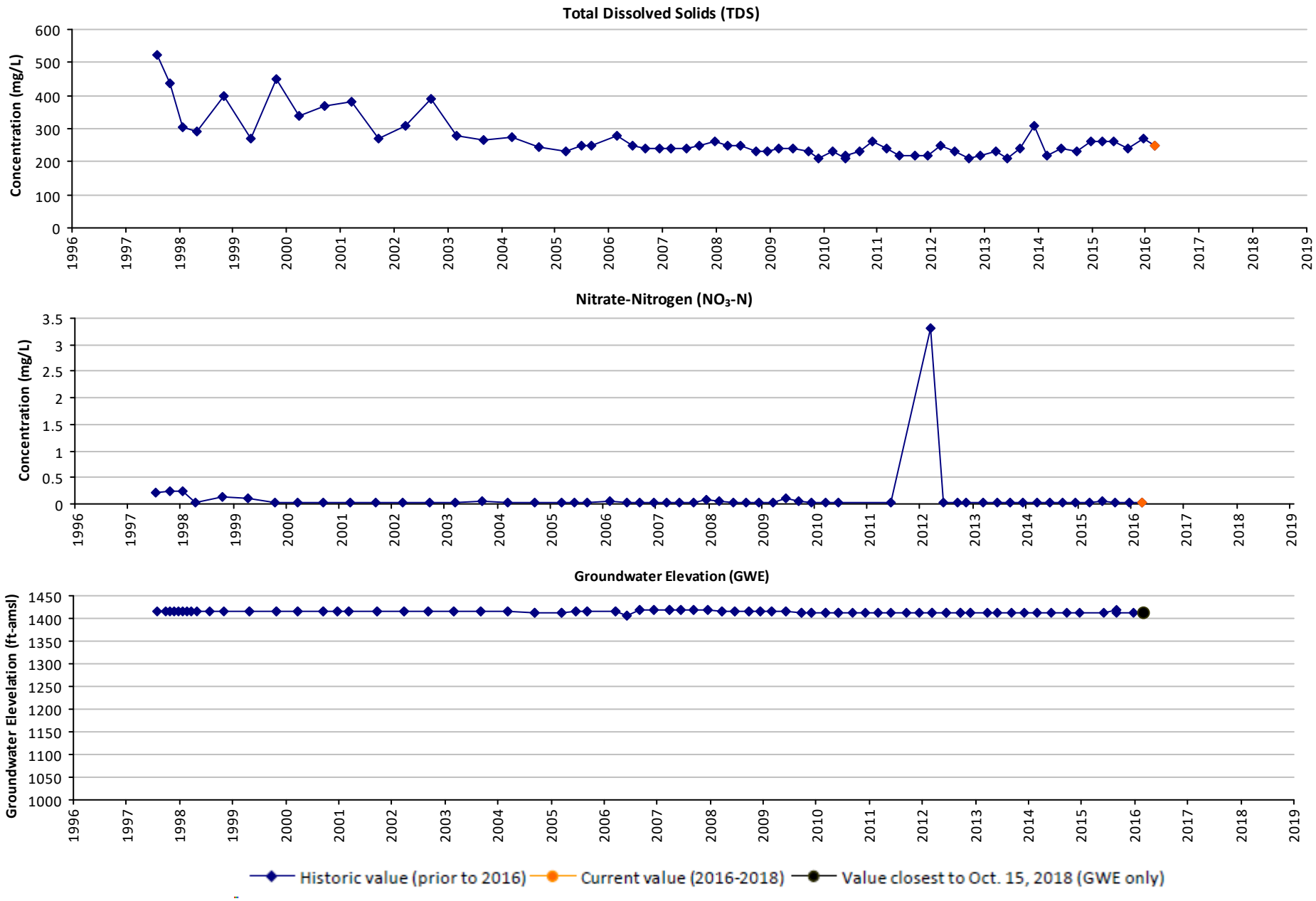

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

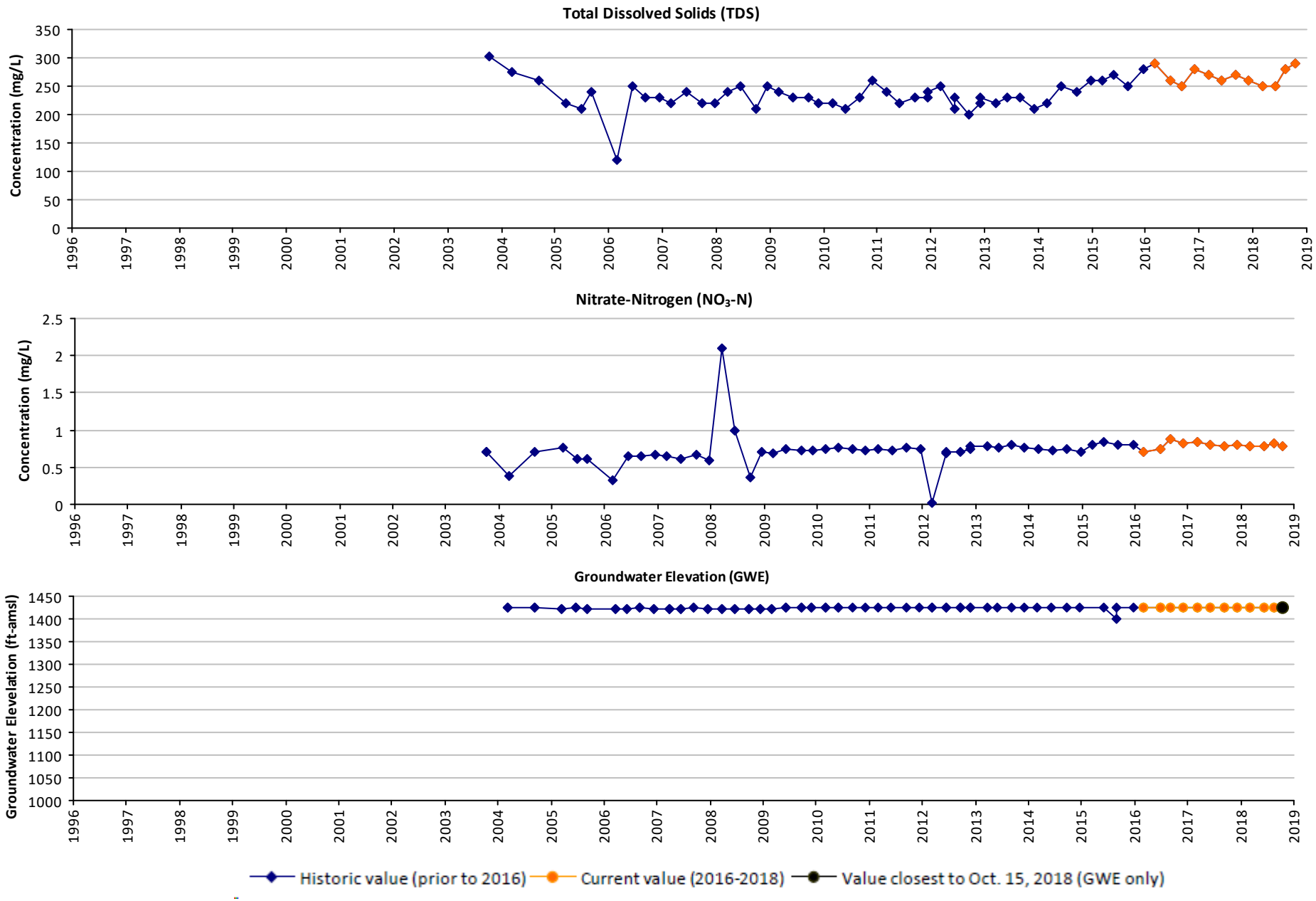

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

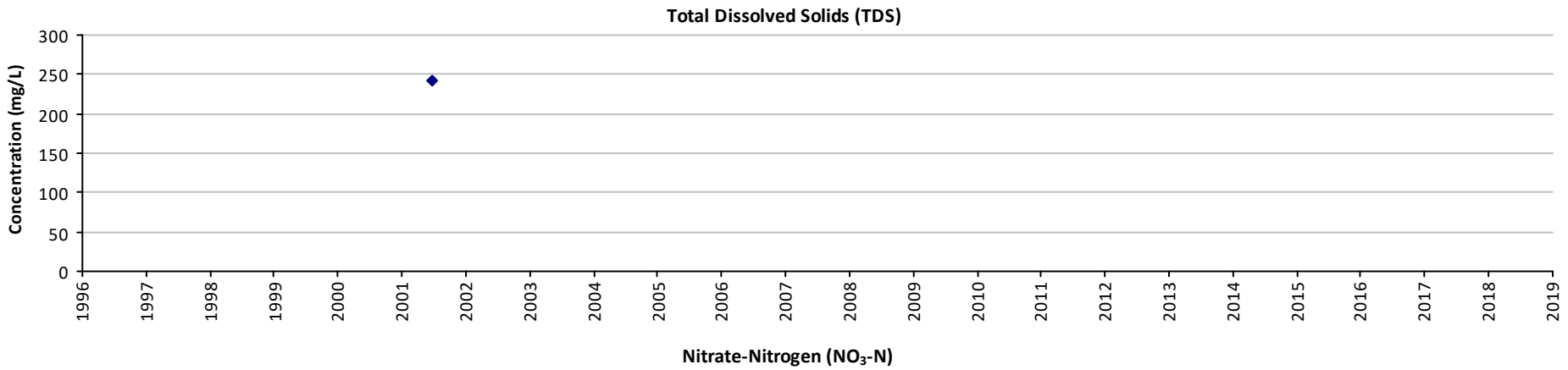

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

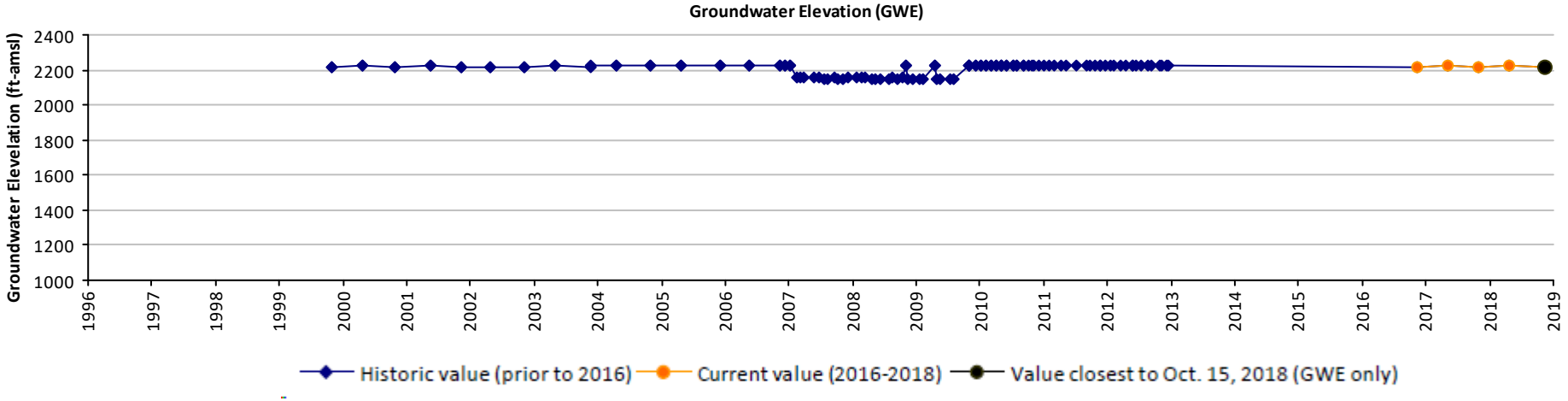

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

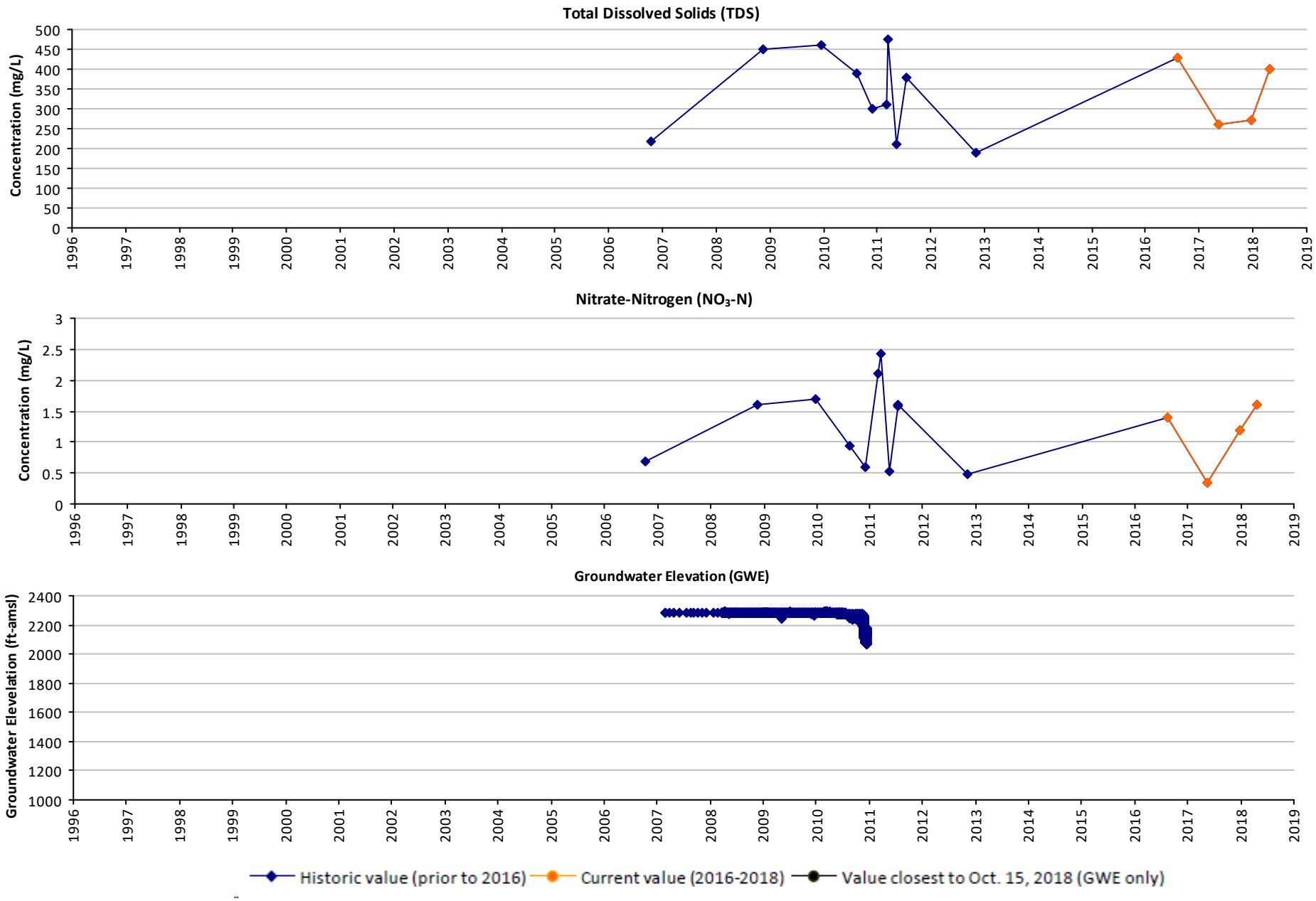

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

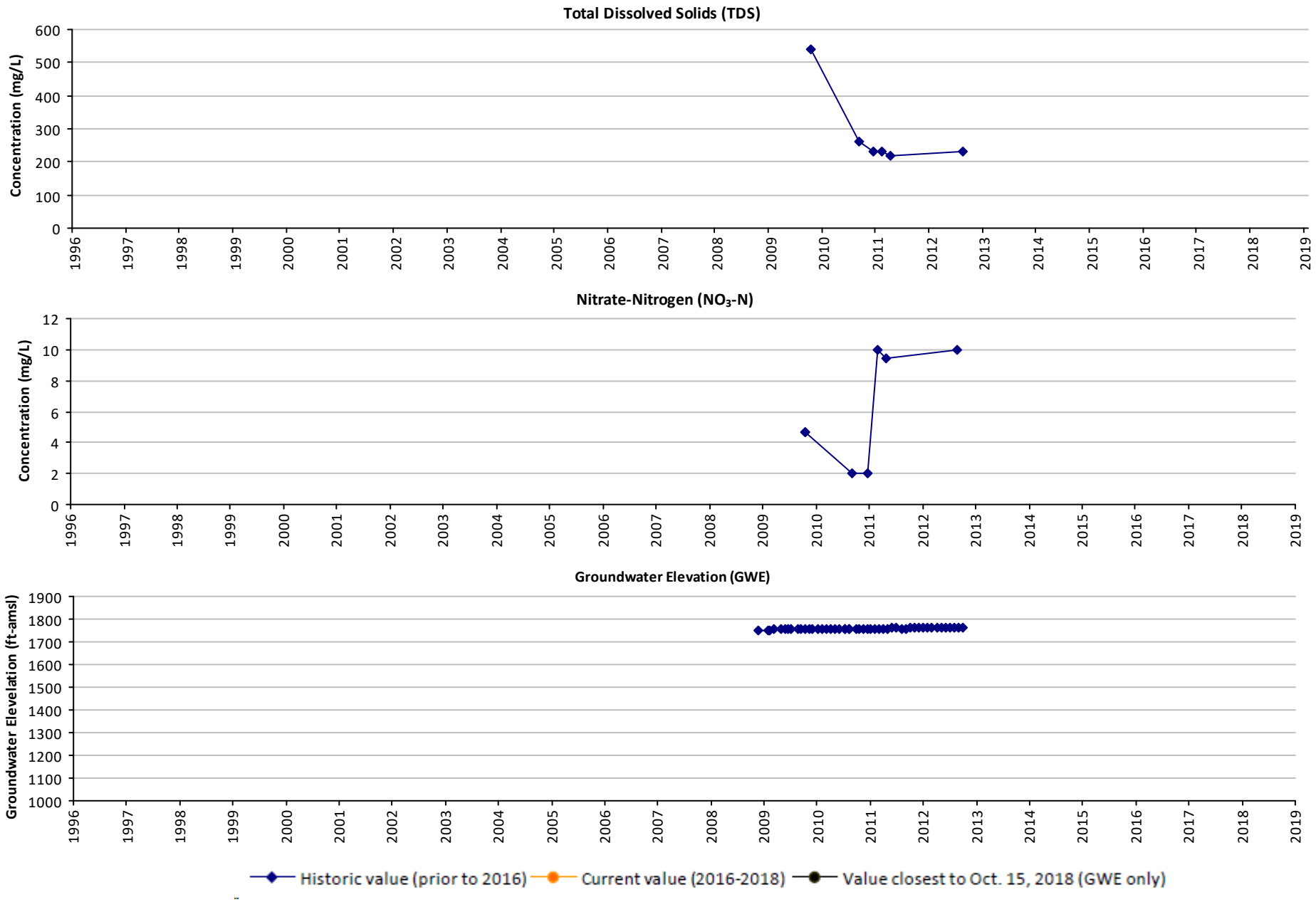

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

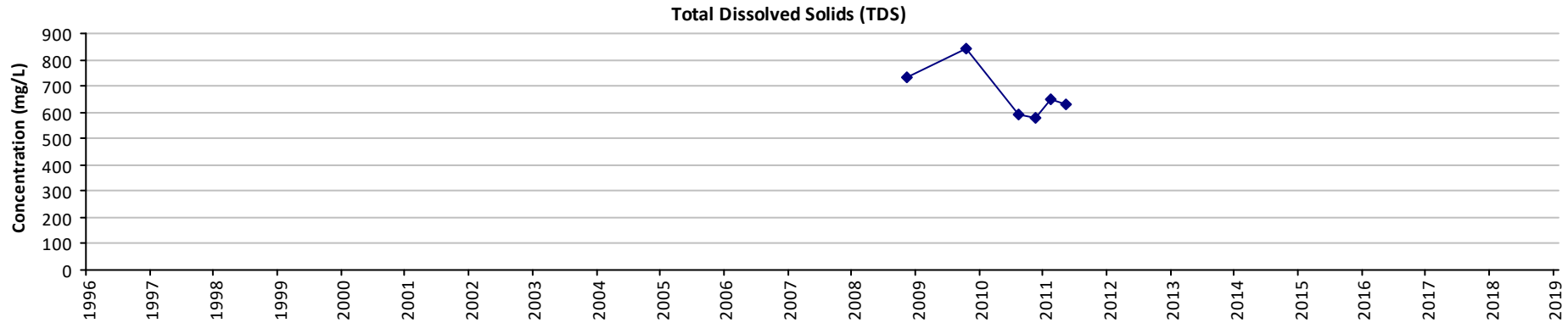

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

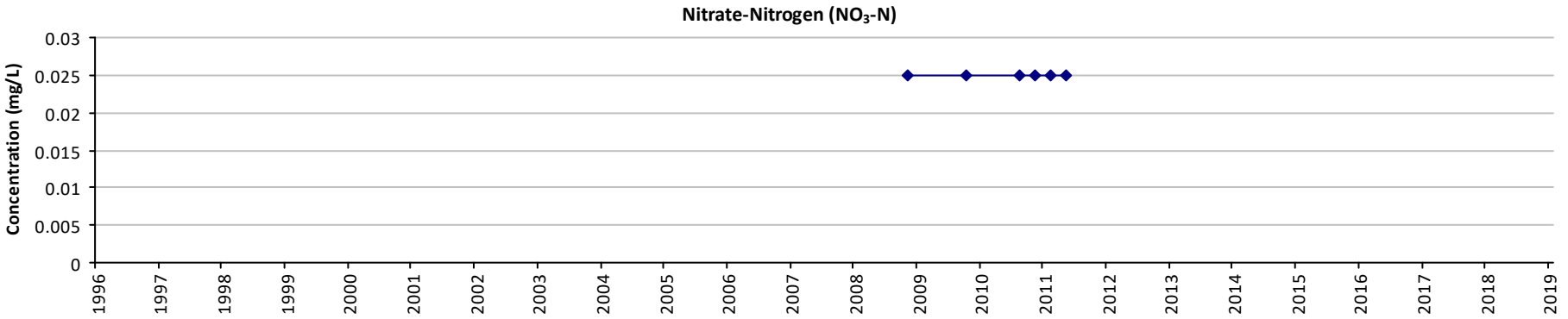

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

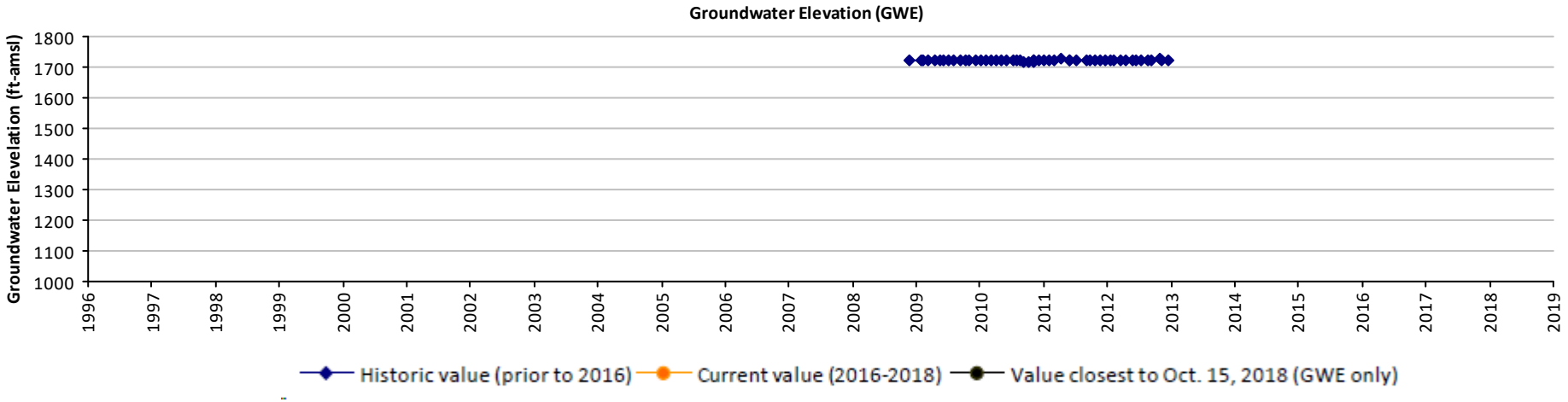

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2400
2200
2000
1800
1600
1400
1200
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

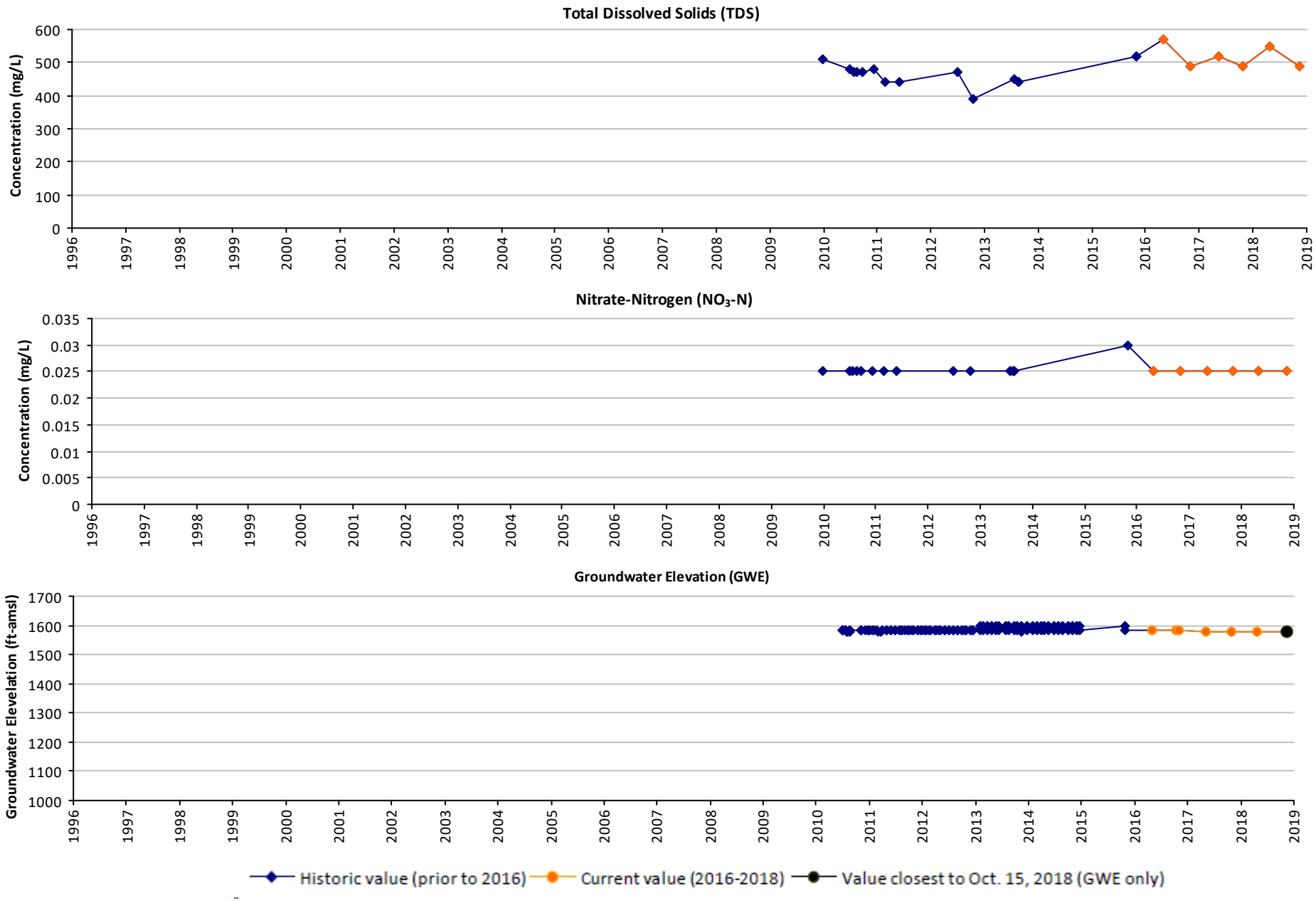

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

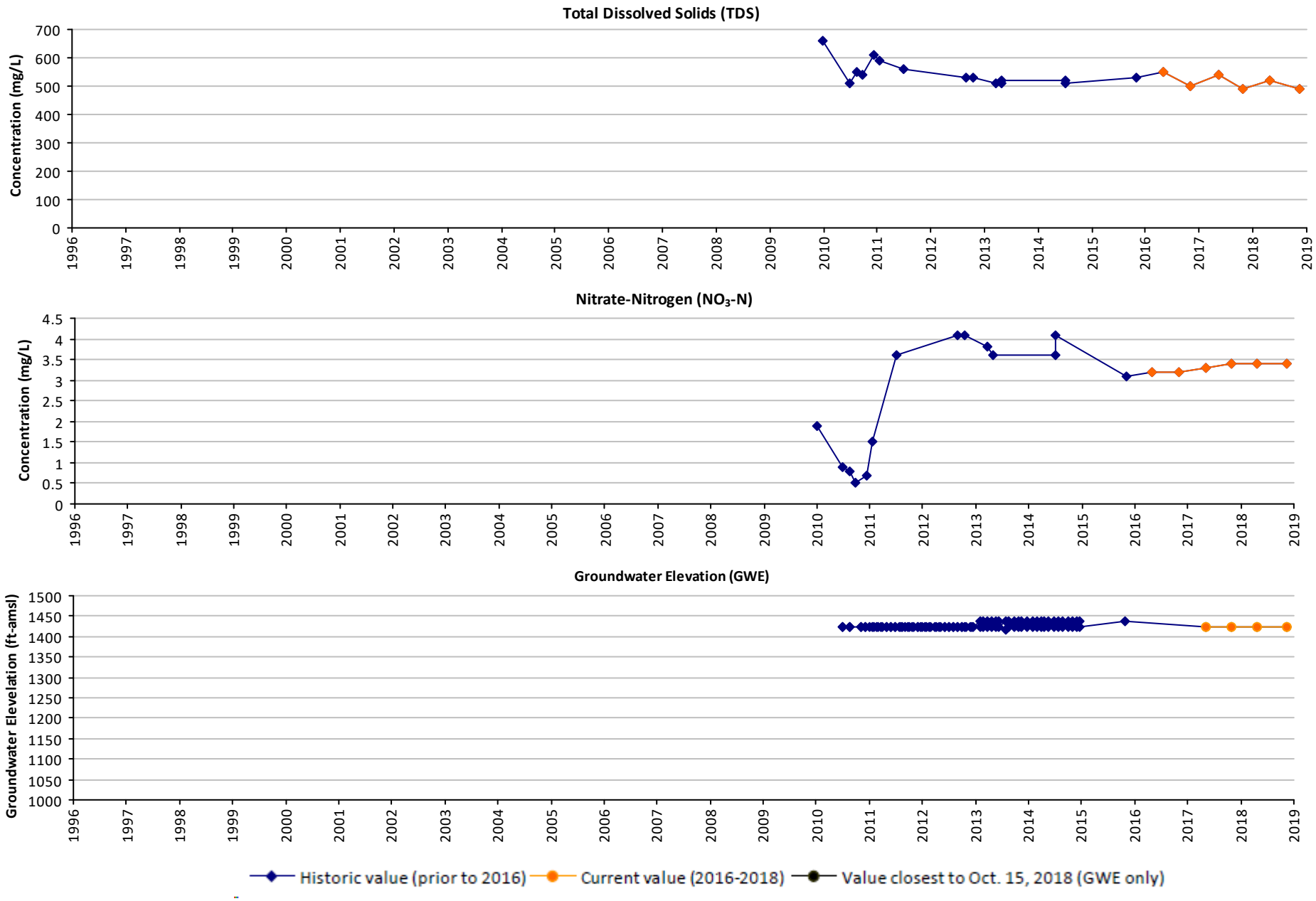

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

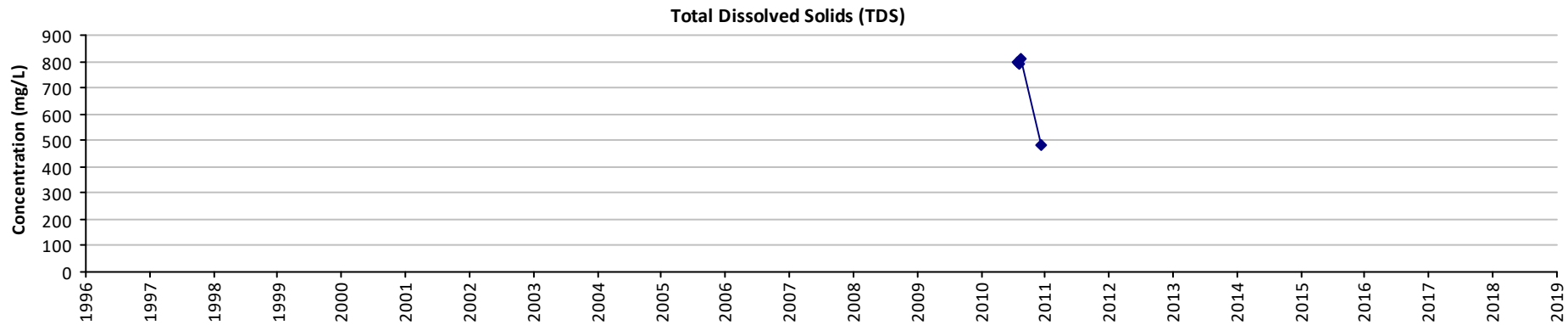

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

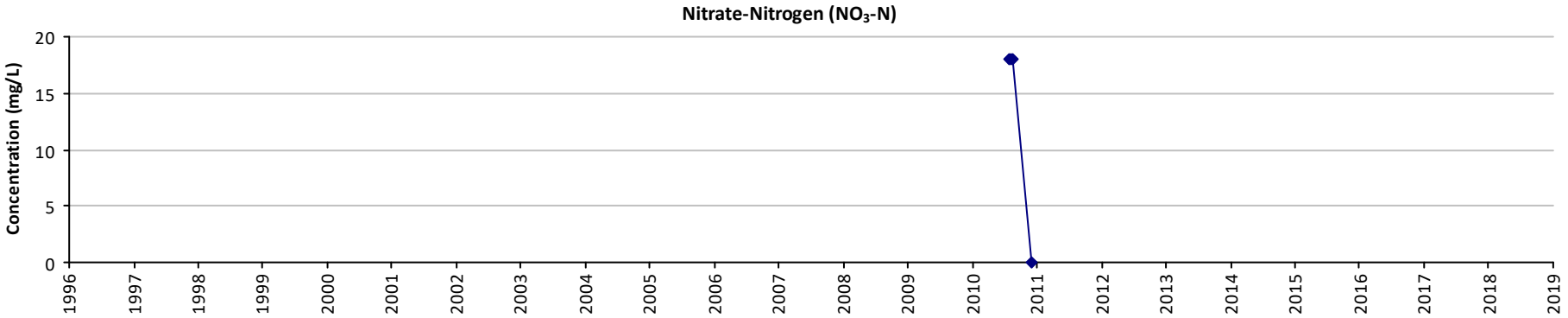

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

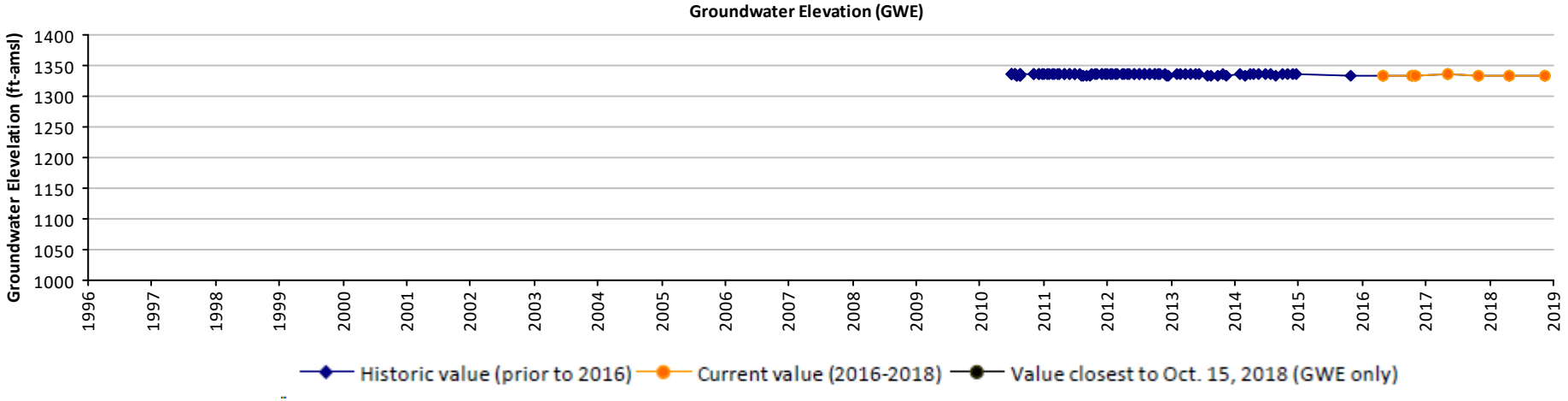

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1800
1700
1600
1500
1400
1300
1200
1100
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

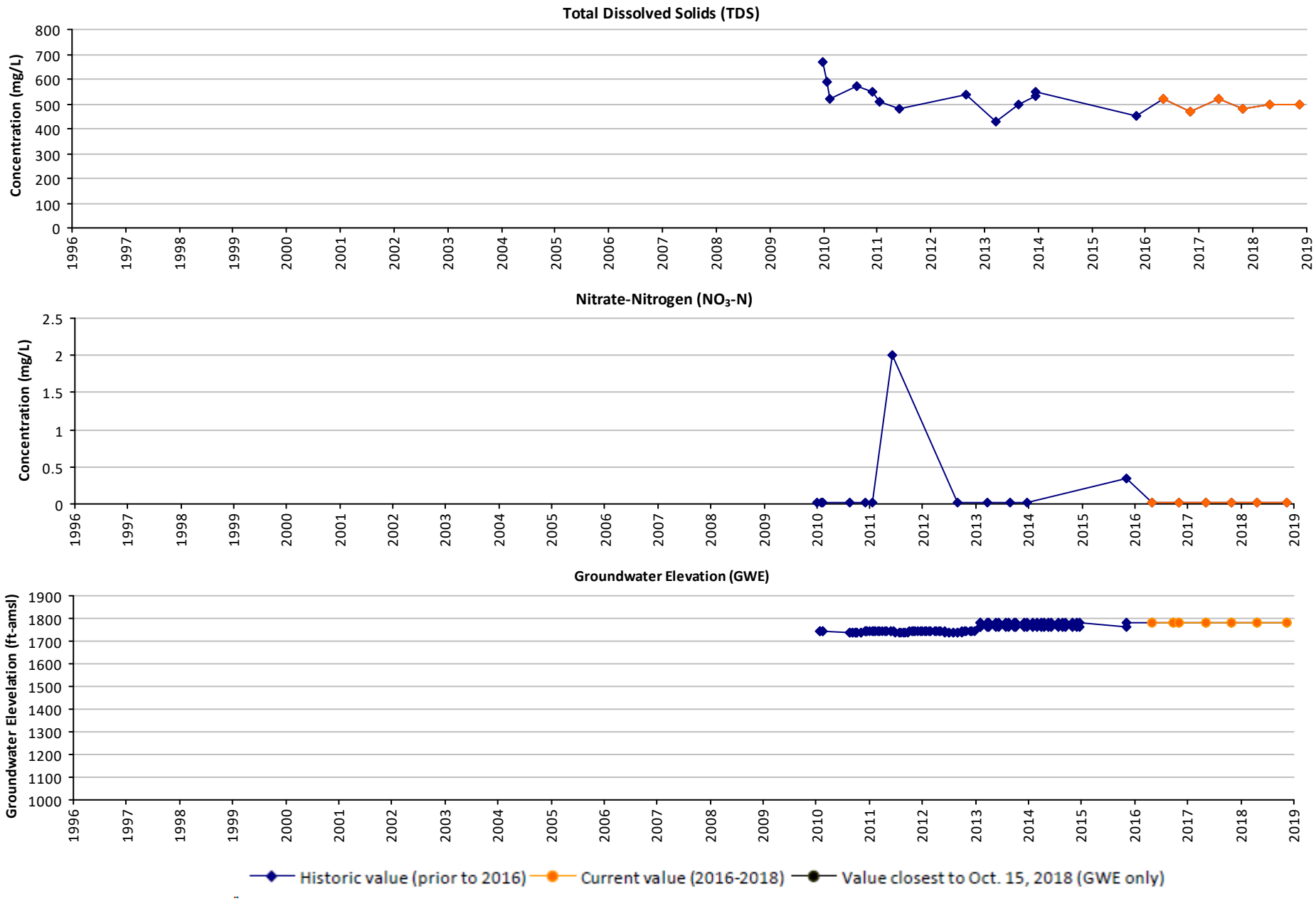

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1100
1200
1300
1400
1500
1600
1700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

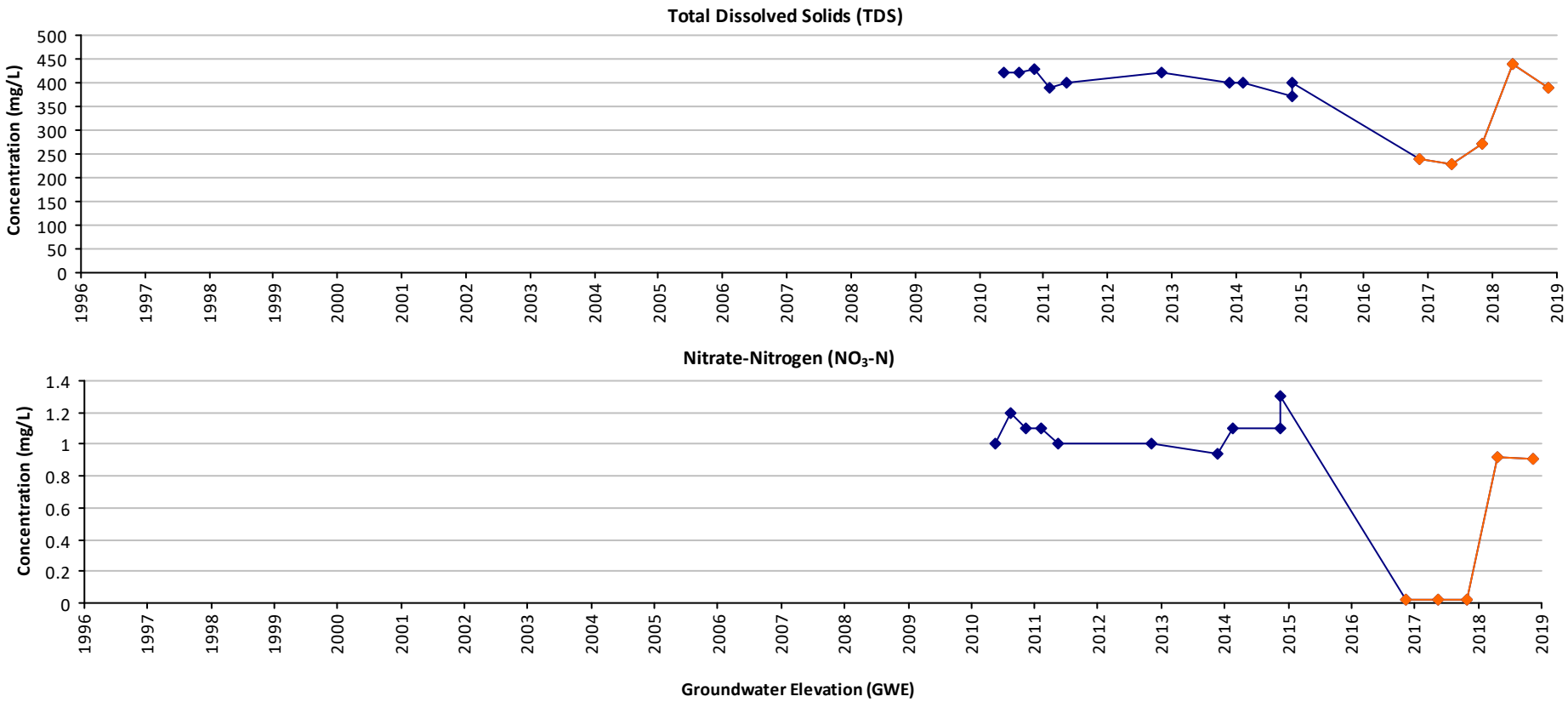

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

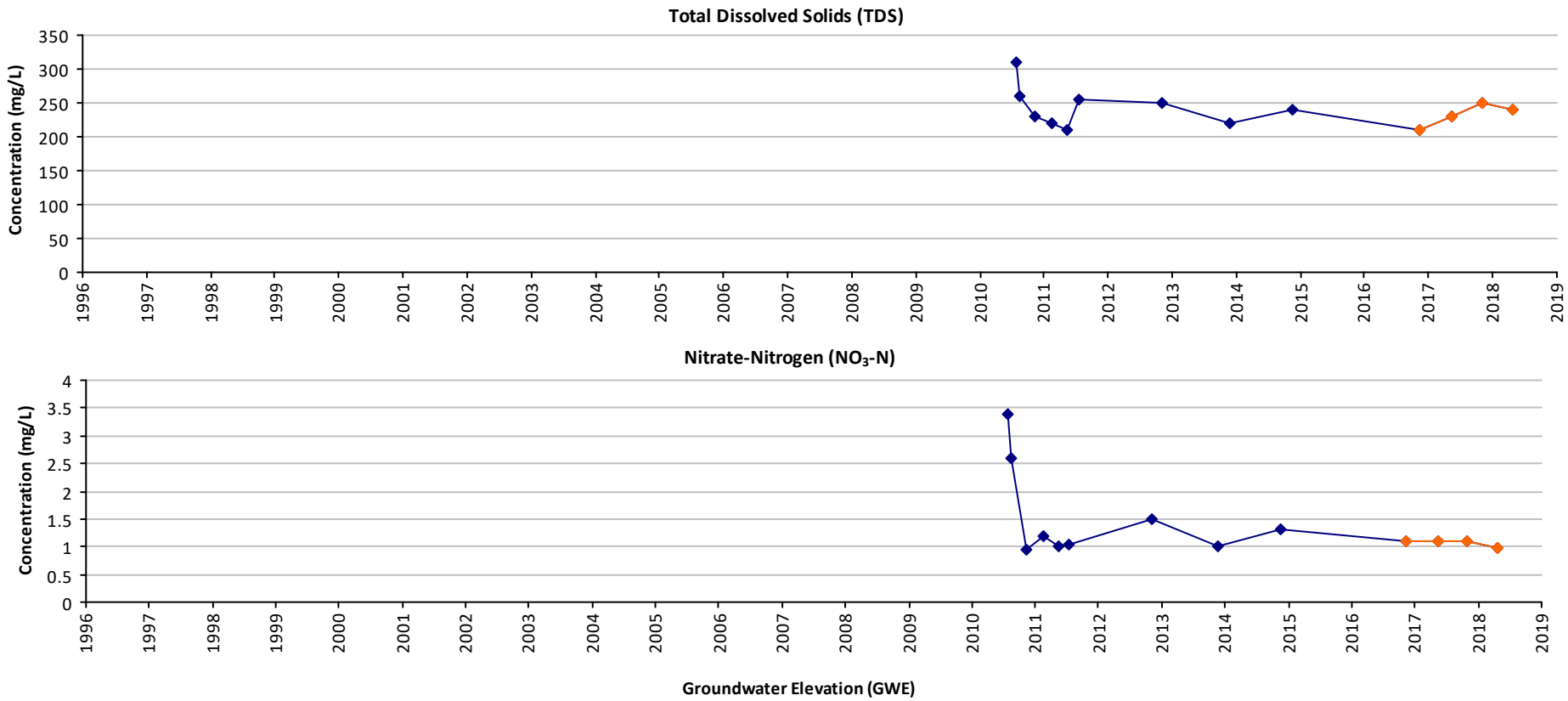

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

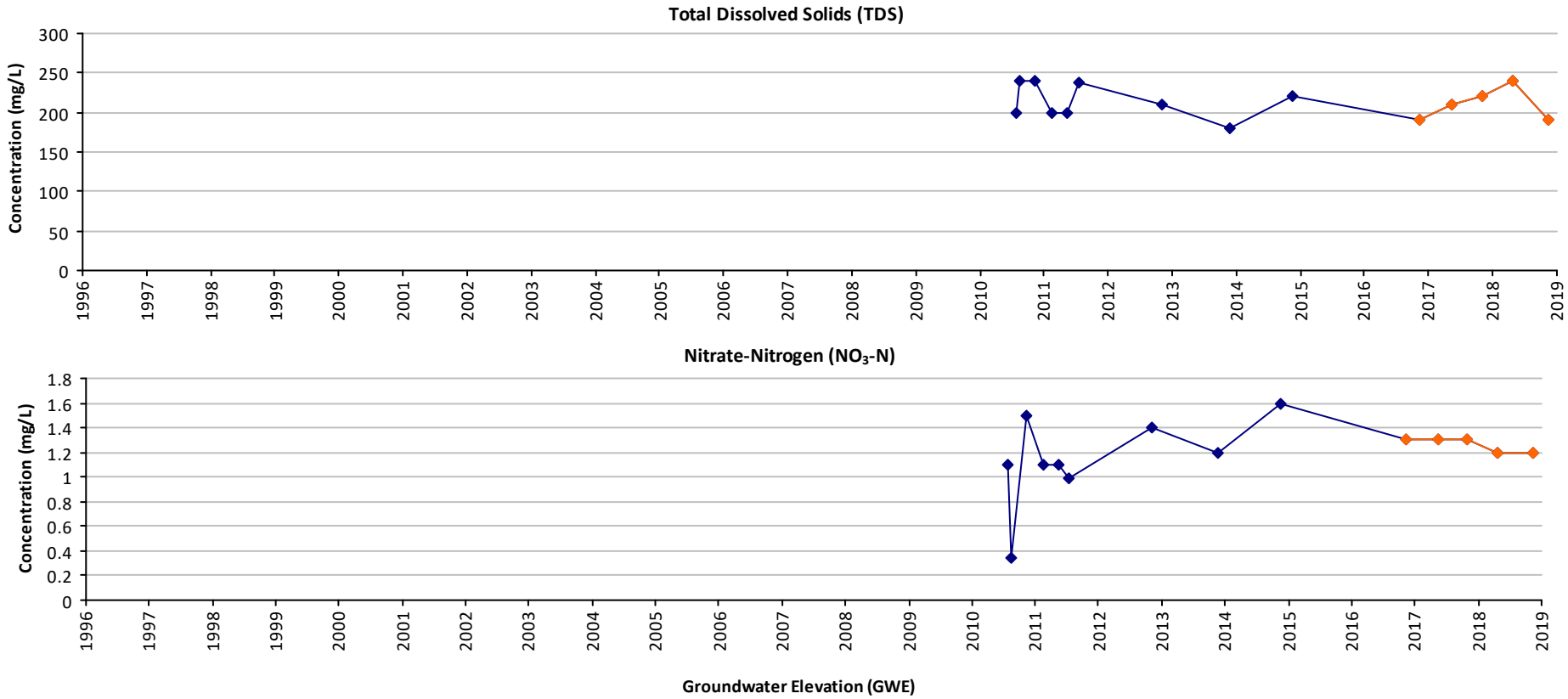

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

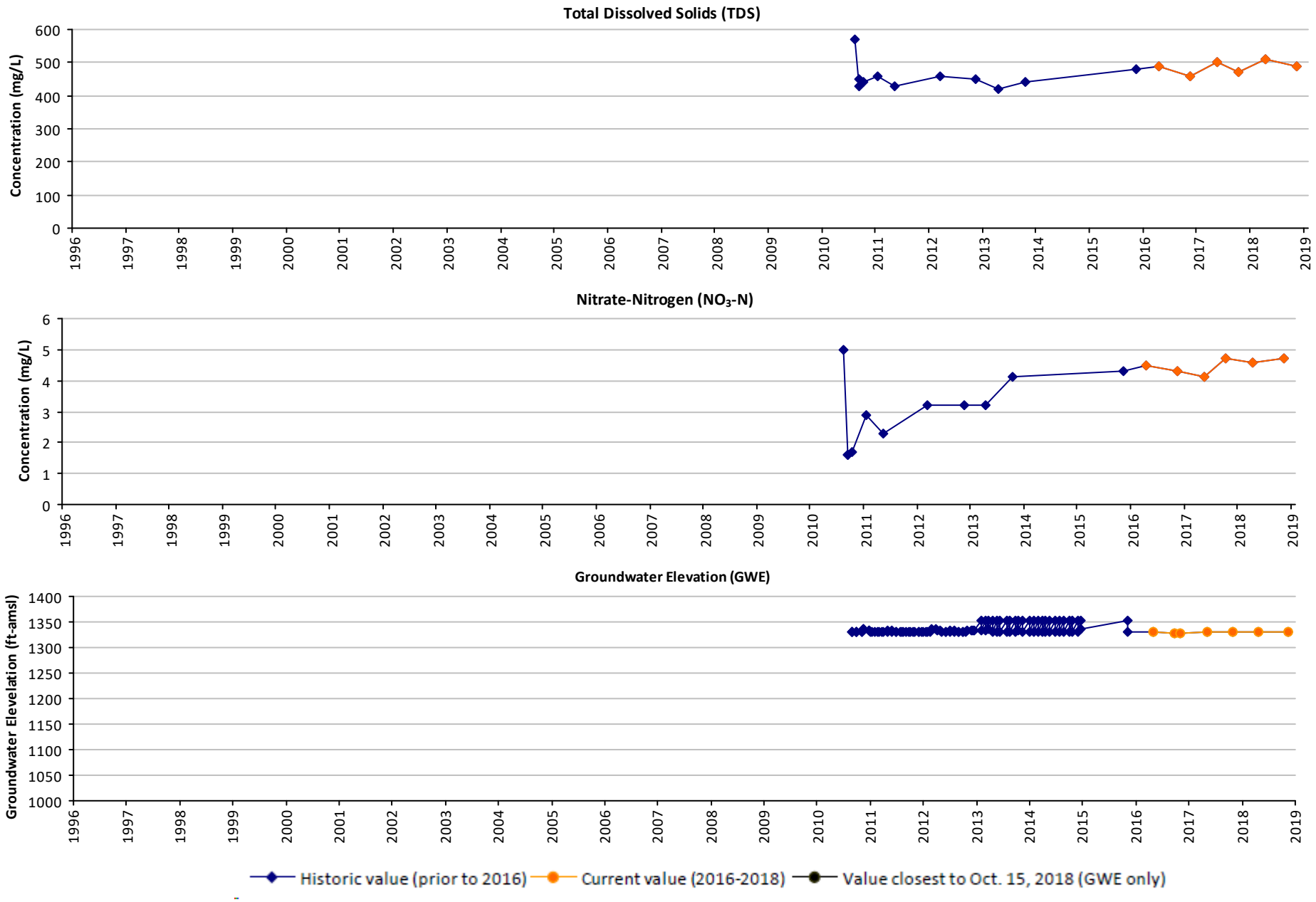

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1400
1350
1300
1250
1200
1150
1100
1050
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

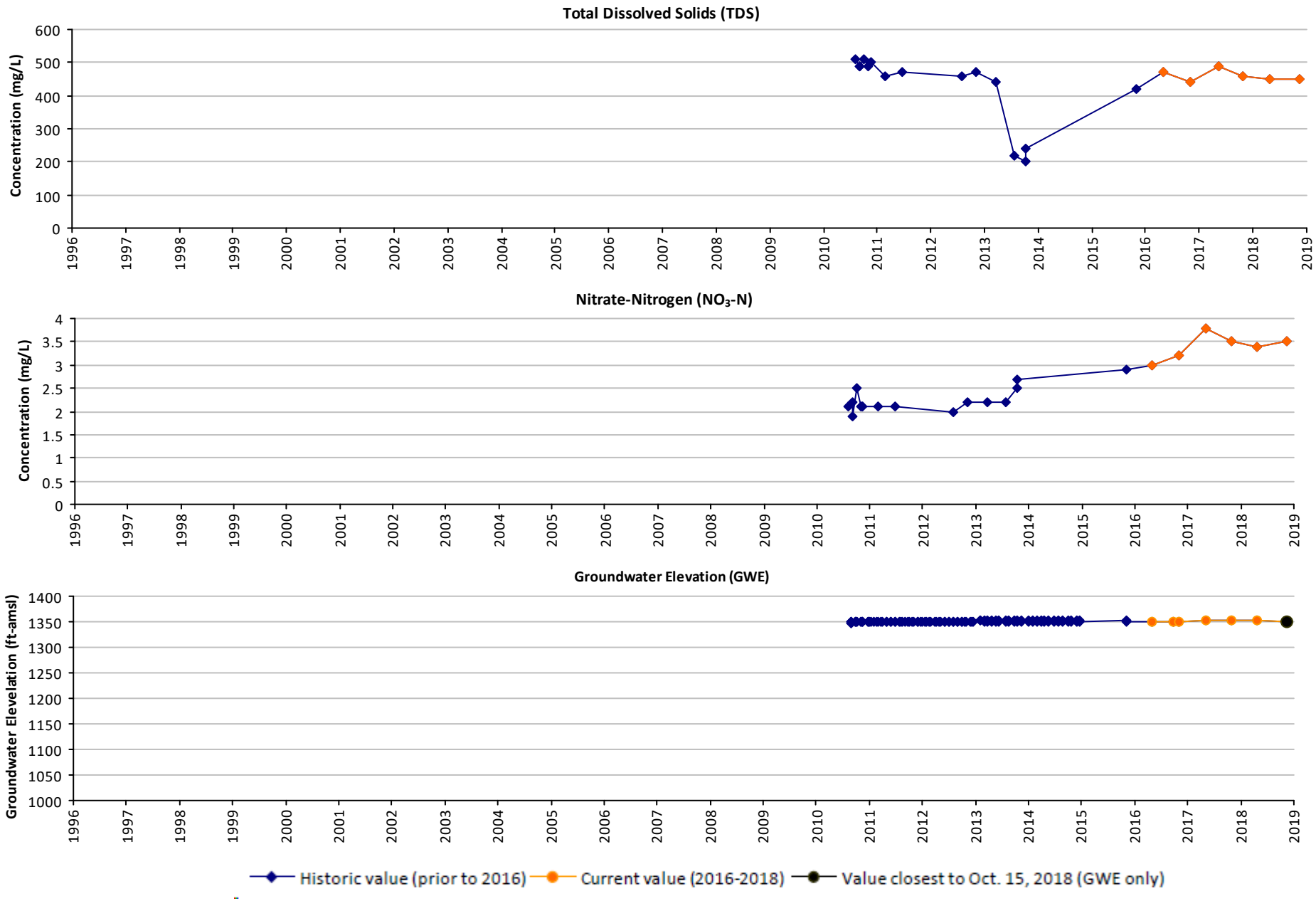

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

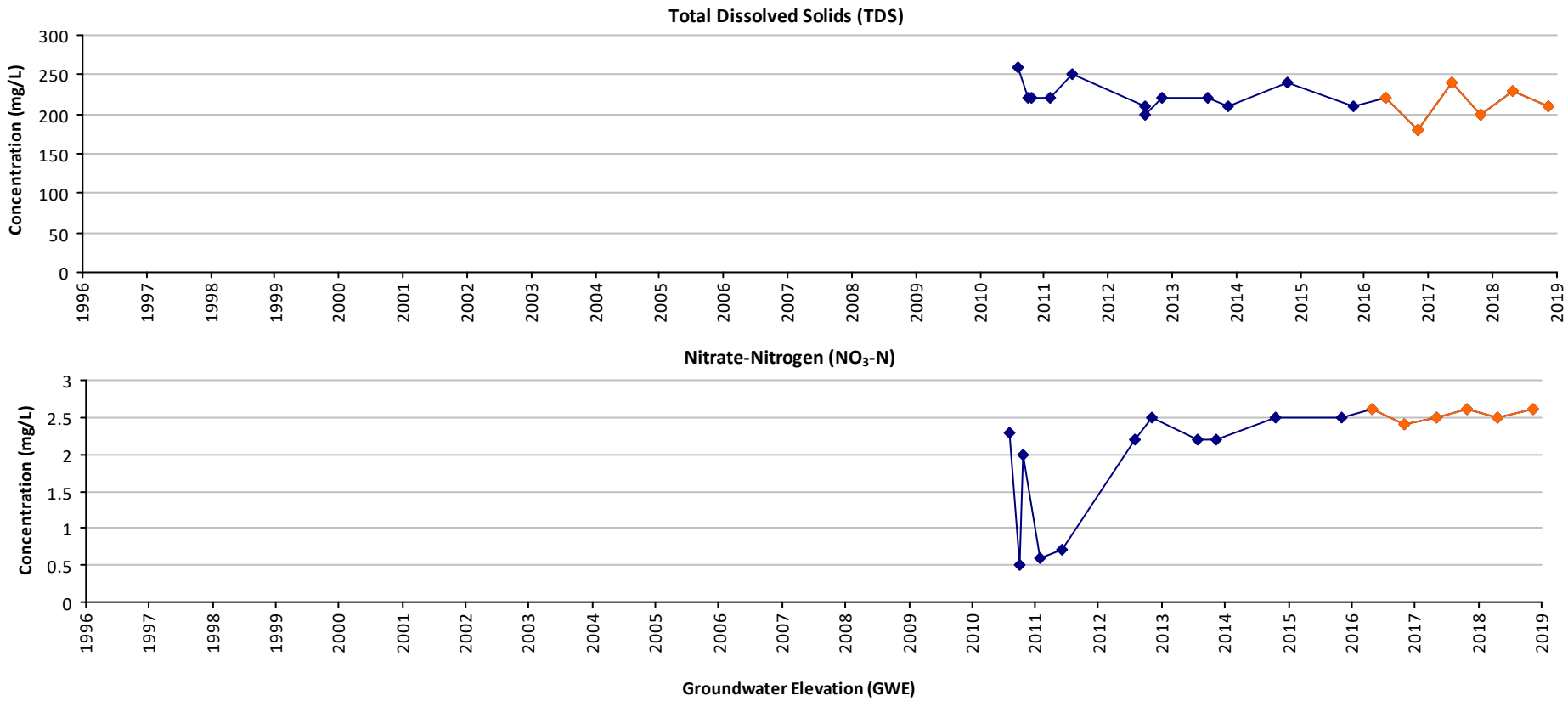

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

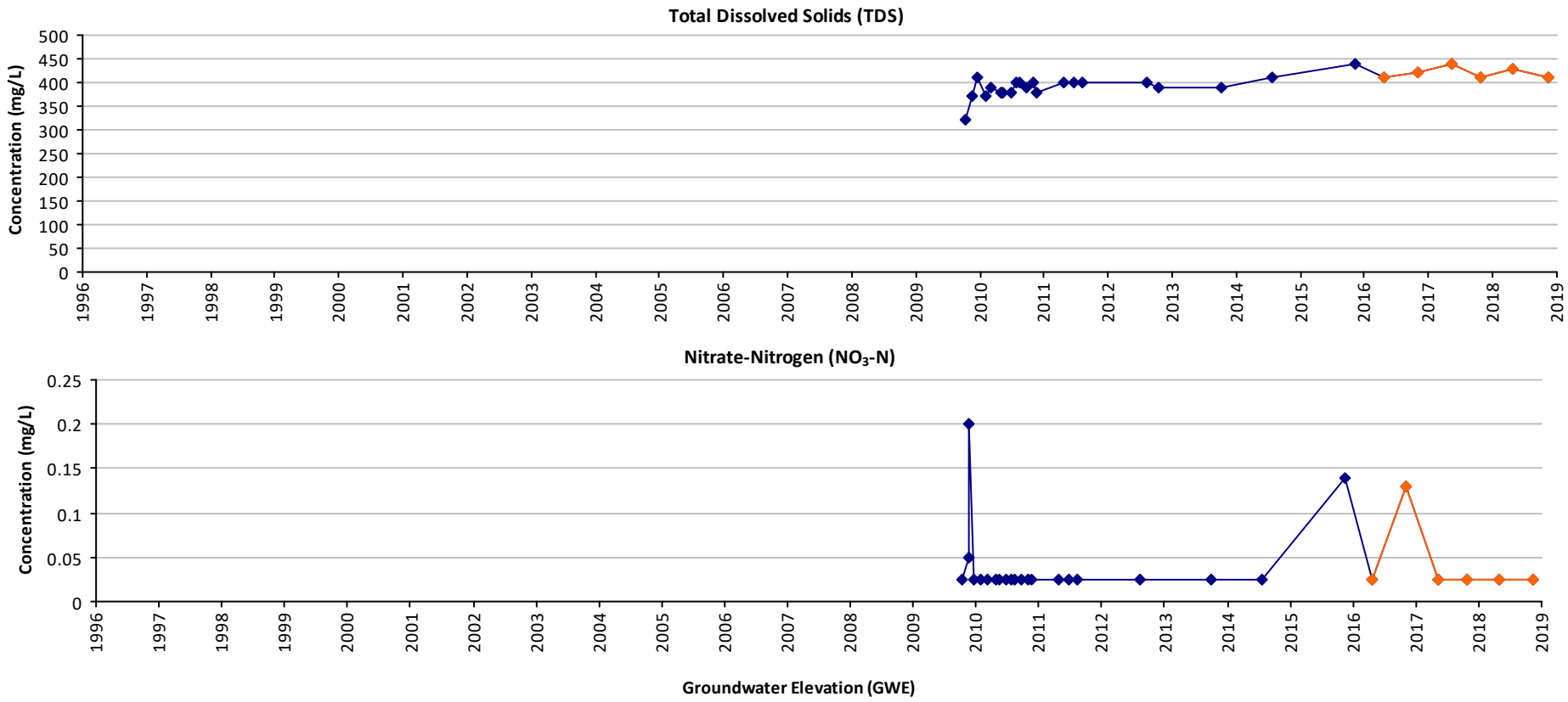

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

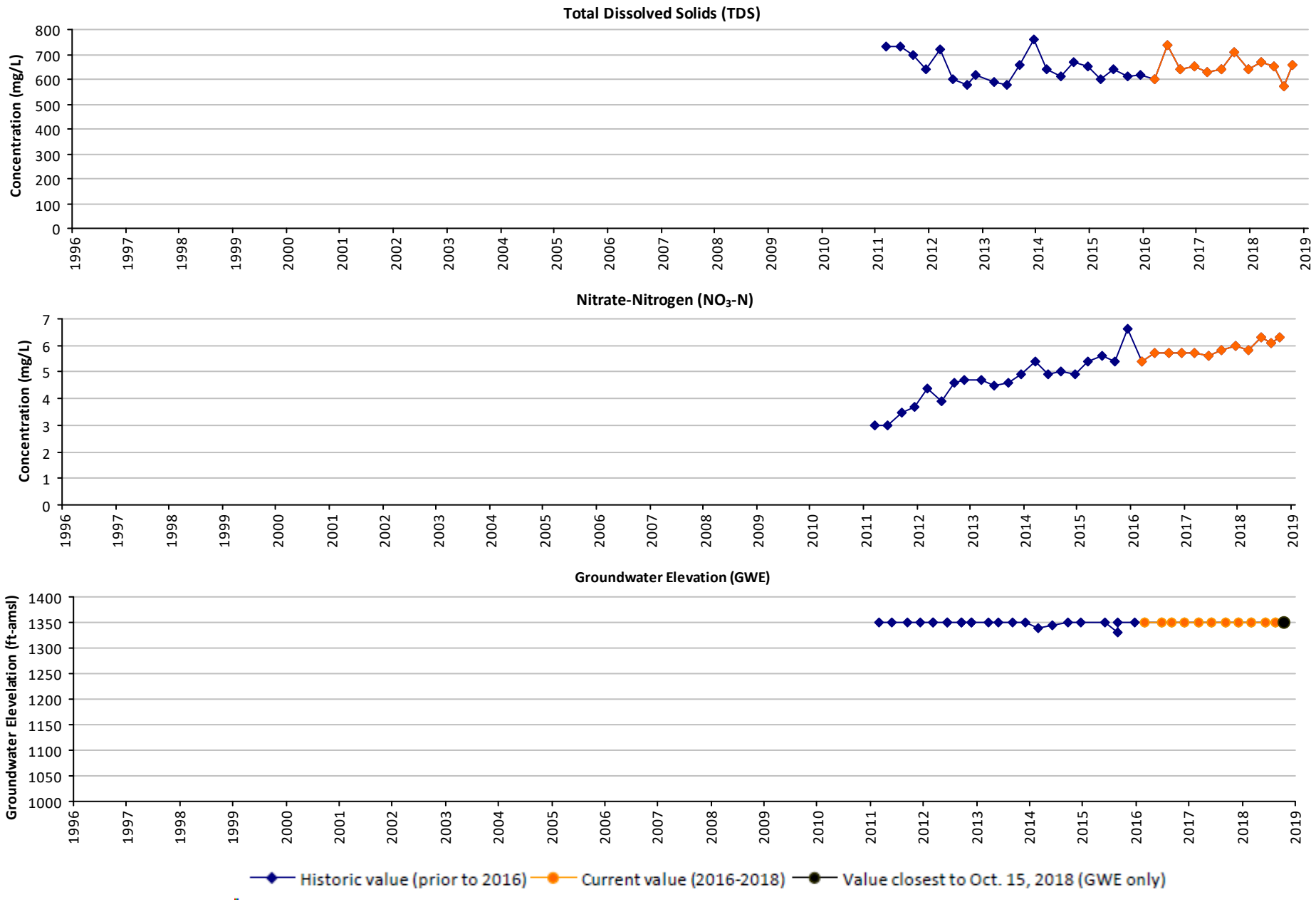

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

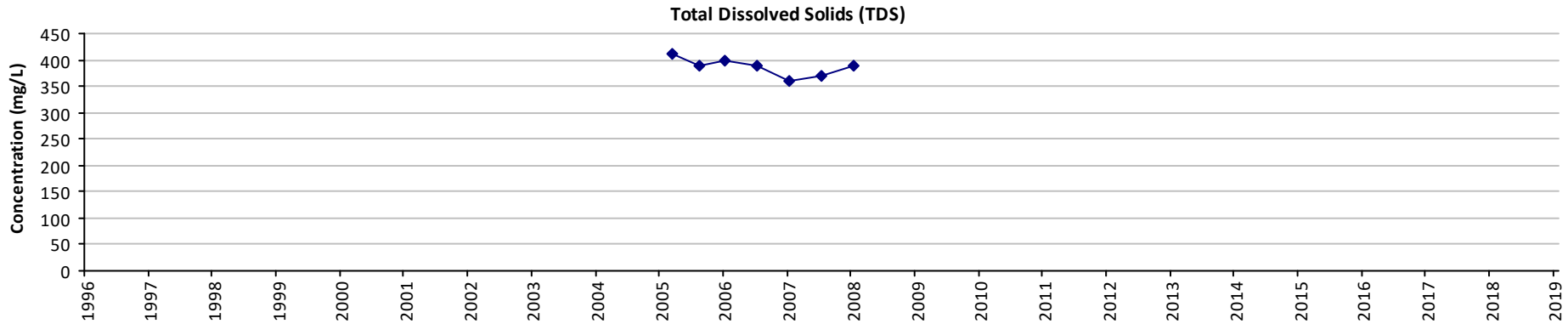

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
1400
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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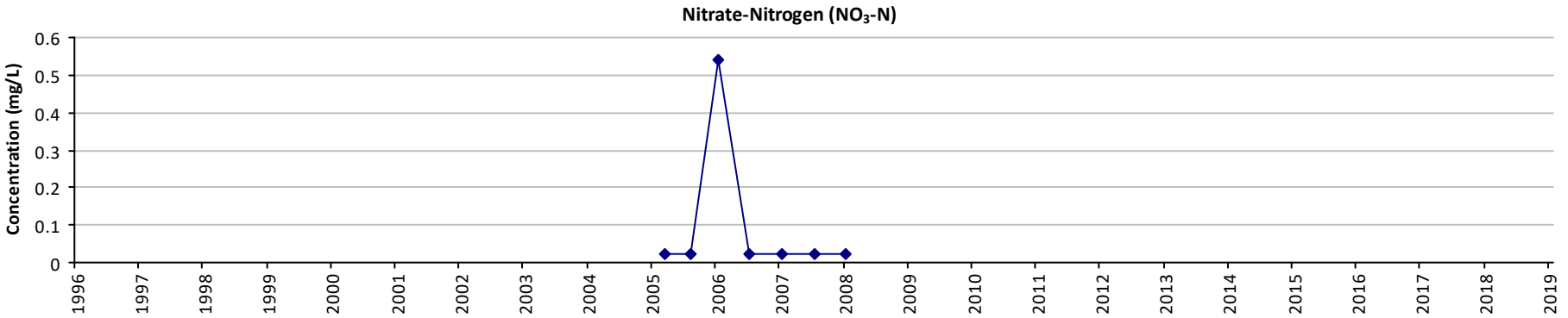
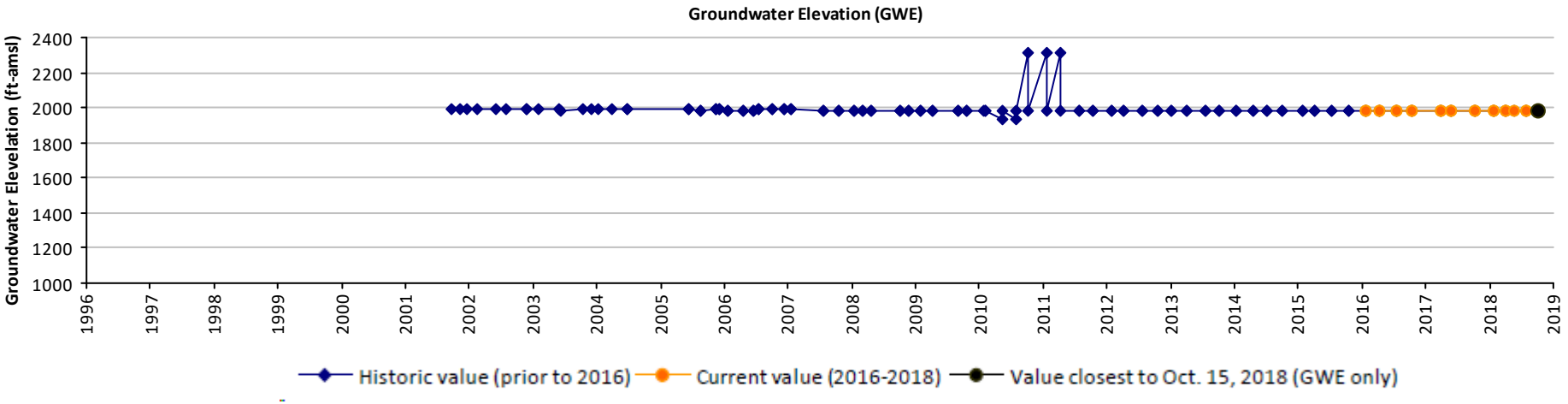
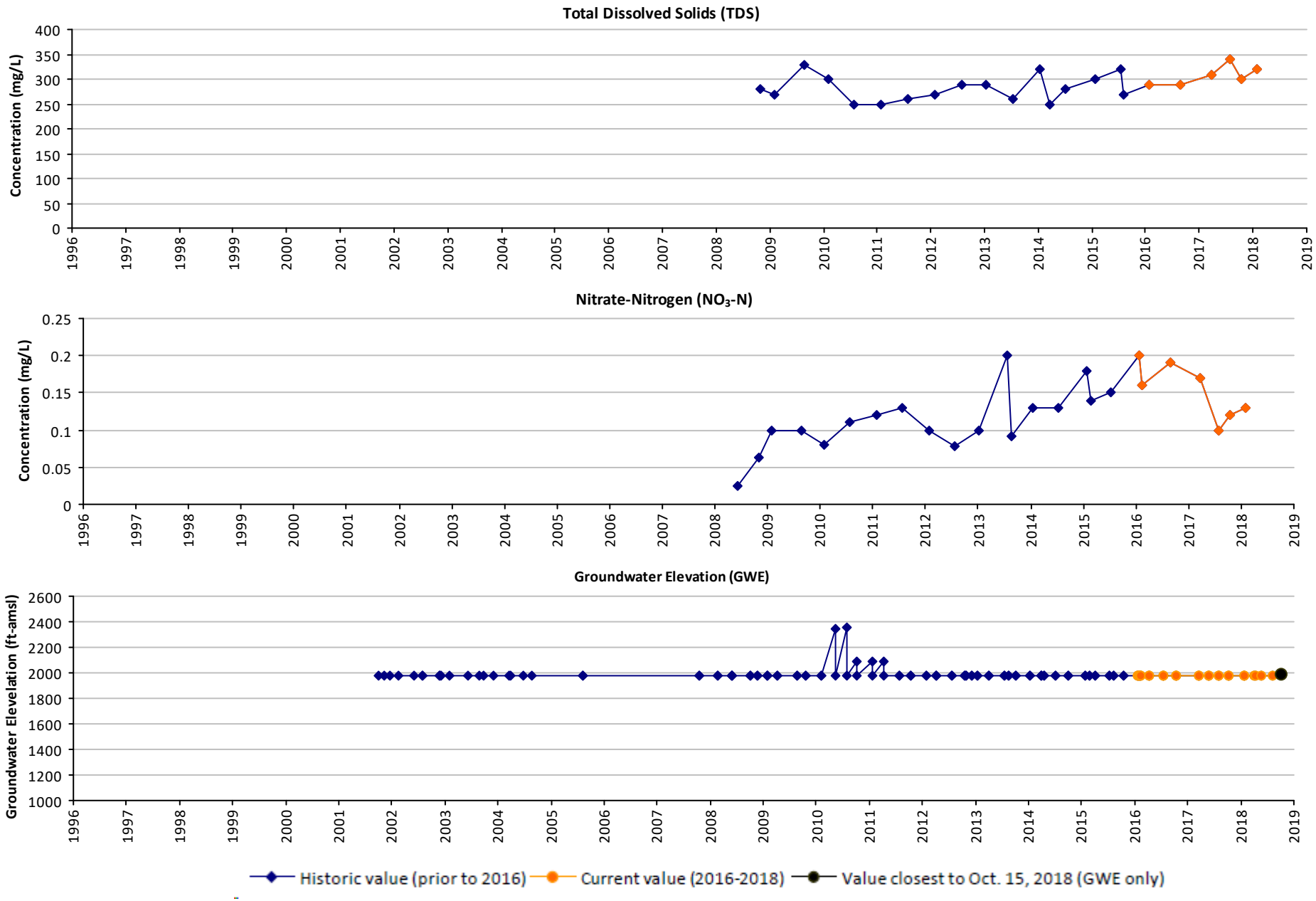
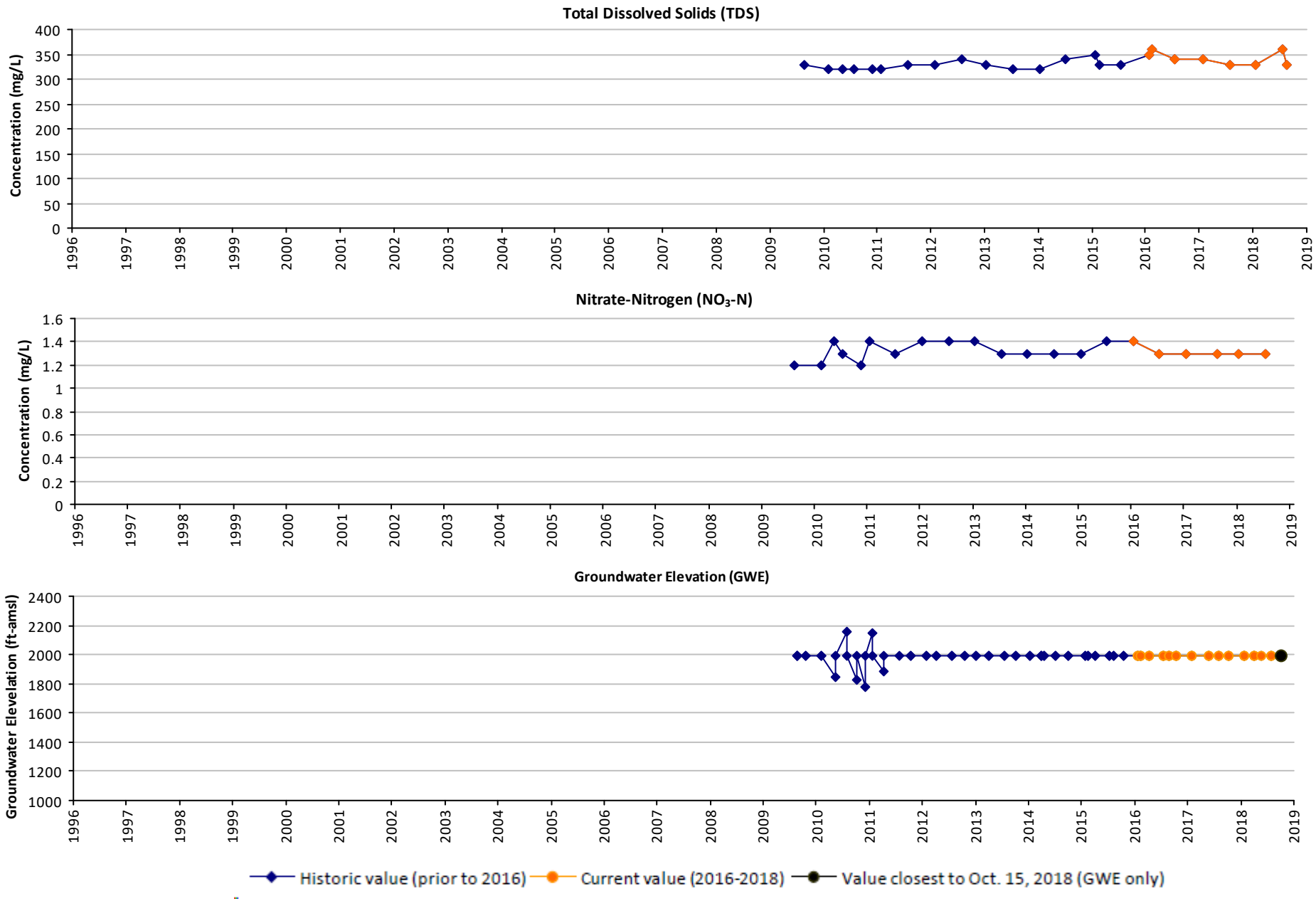
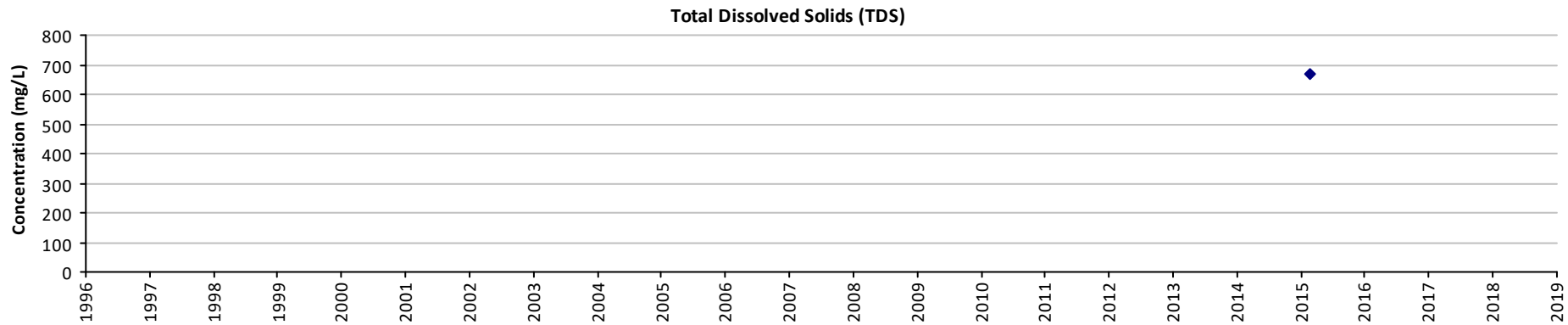
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

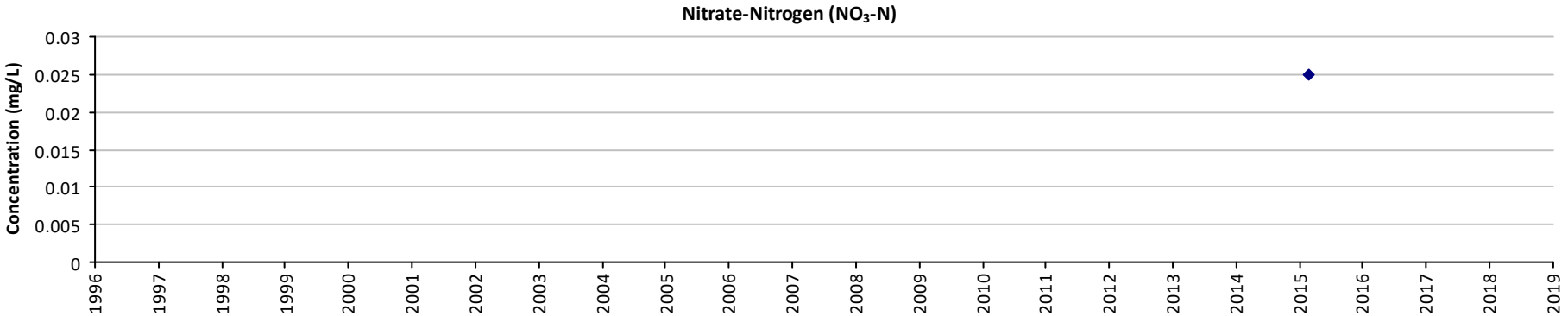

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

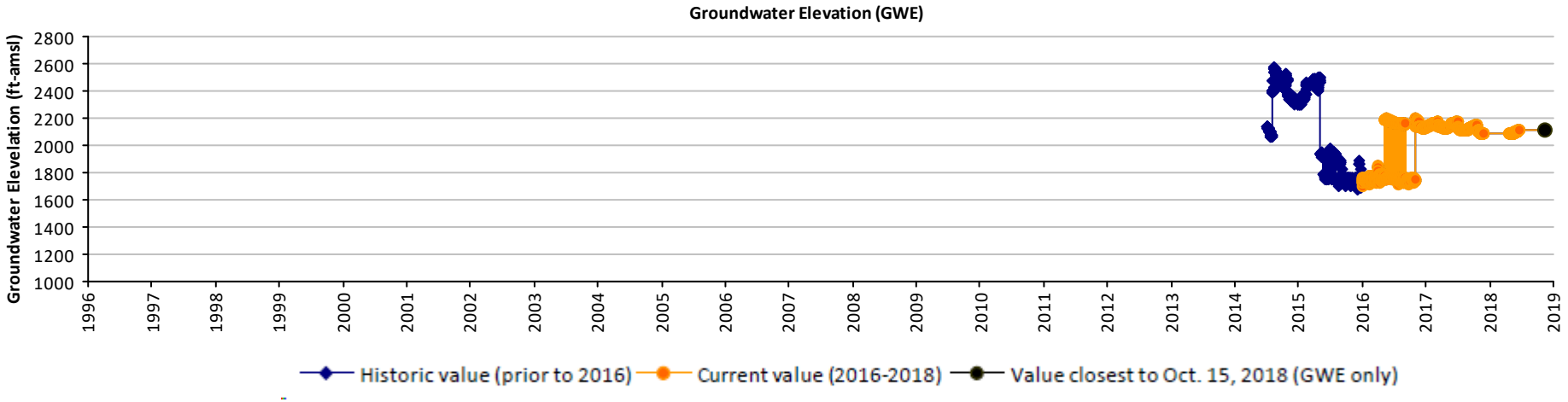

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2400
2200
2000
1800
1600
1400
1200
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

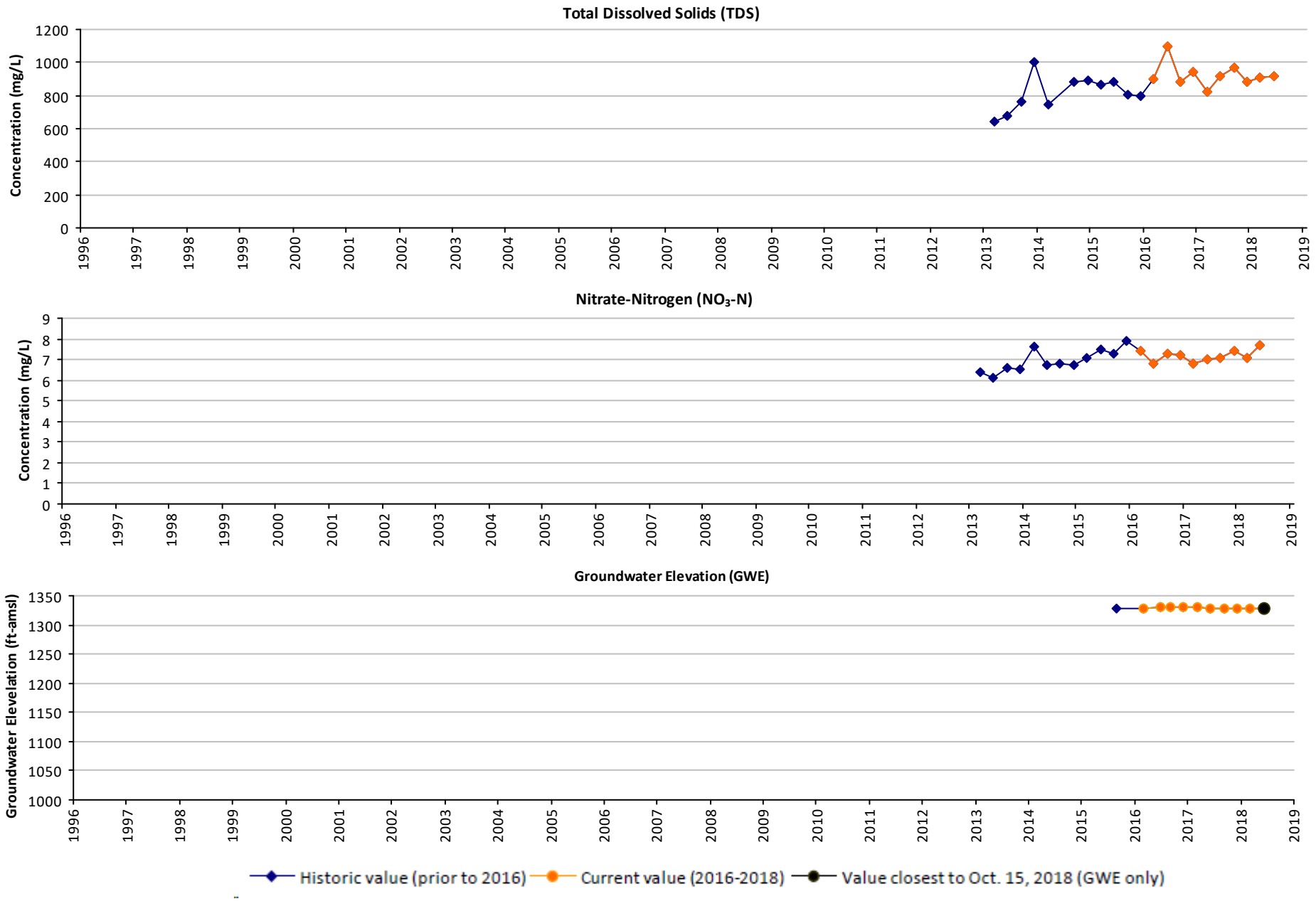

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

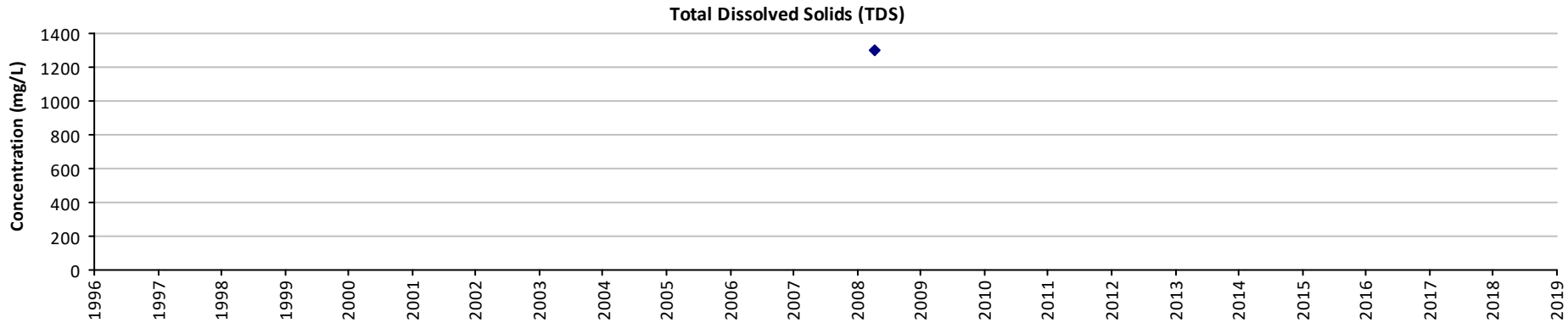

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

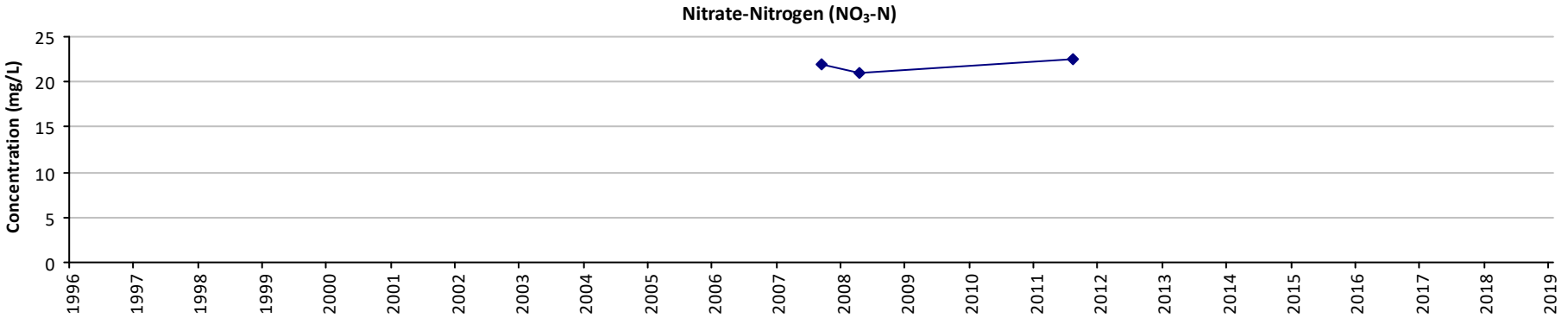

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

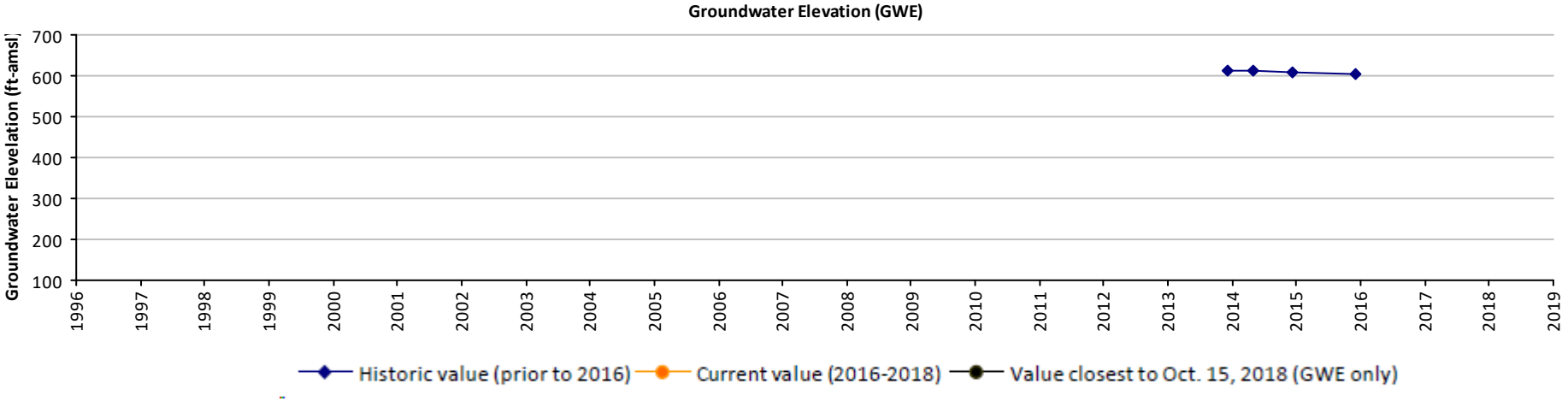

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

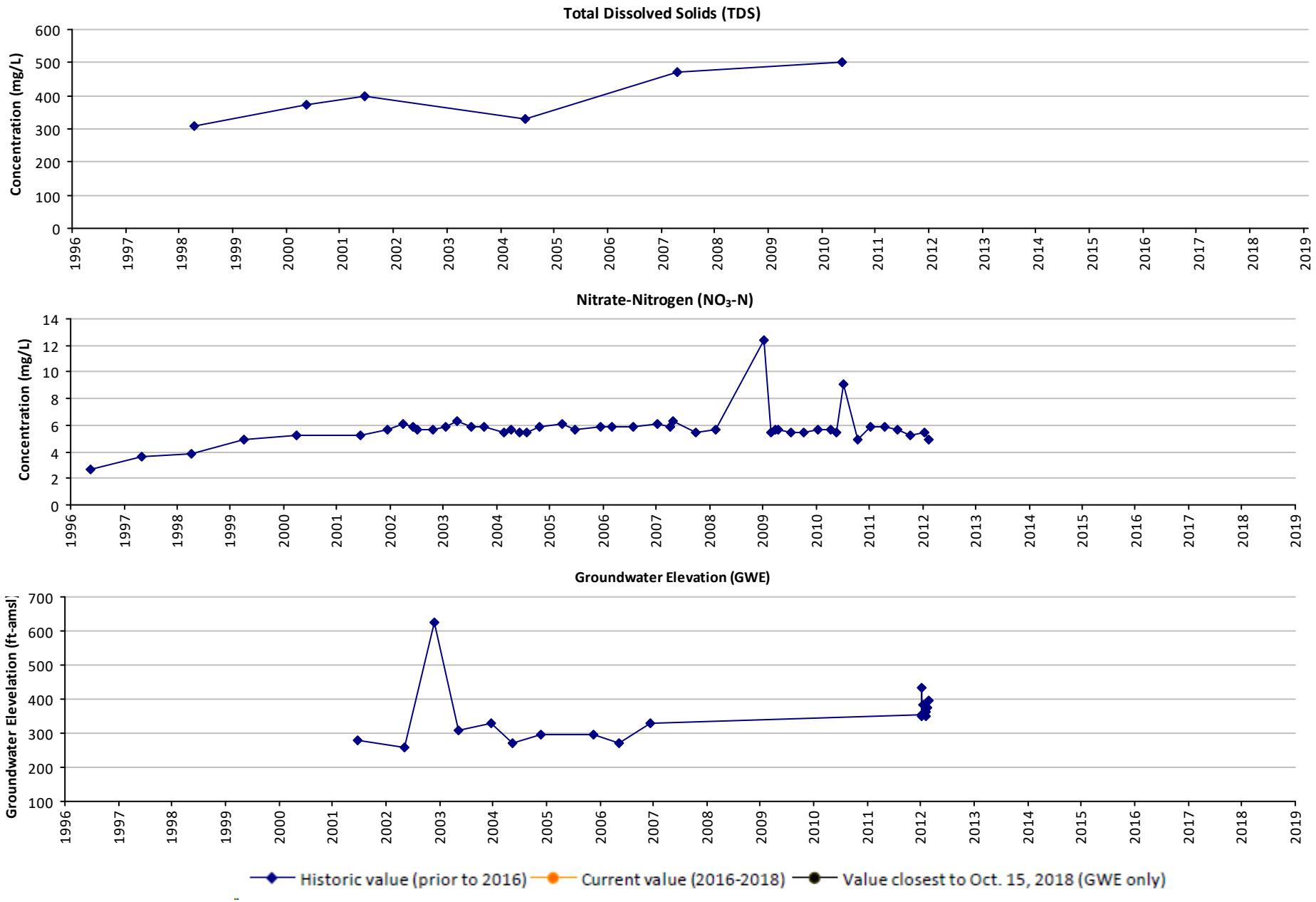

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

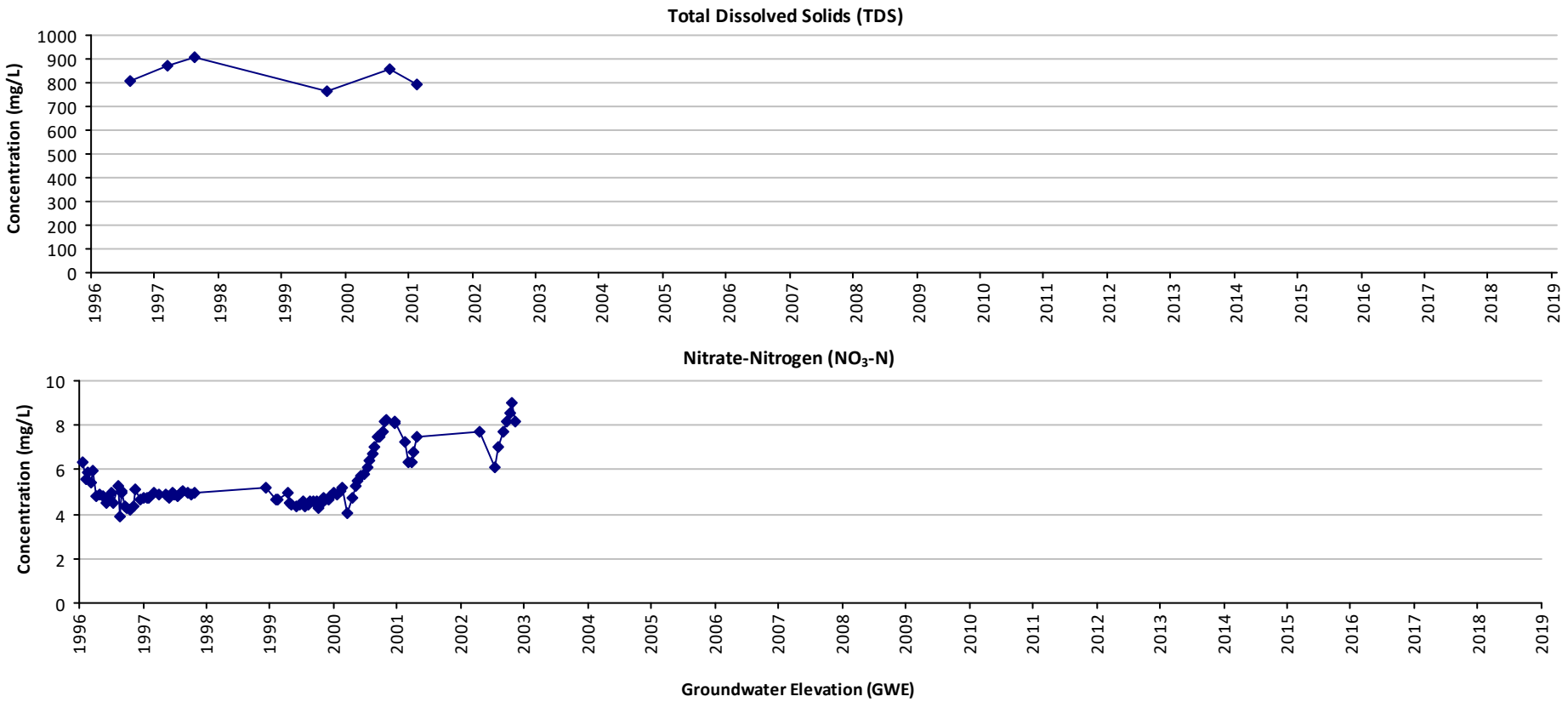

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
1000
1050
1100
1150
1200
1250
1300
1350
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

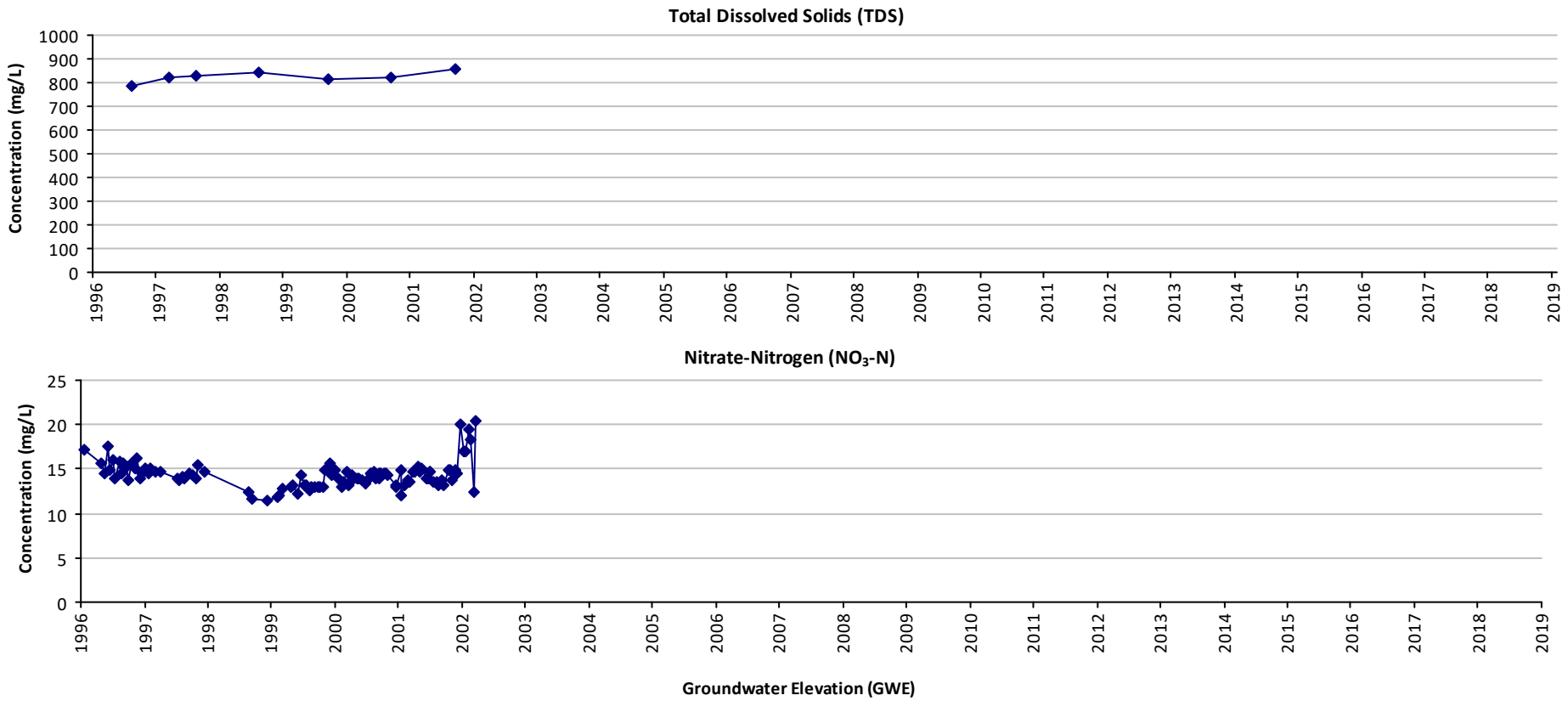

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

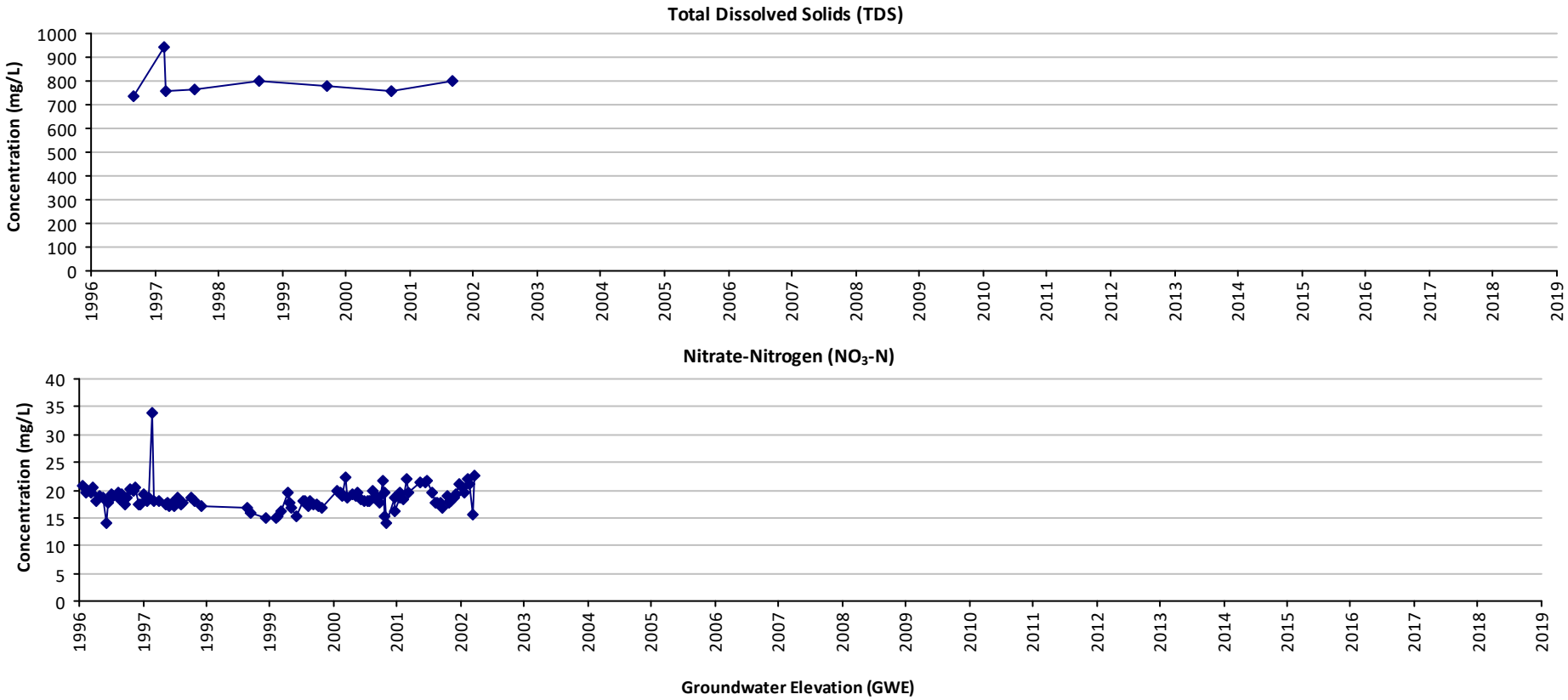

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

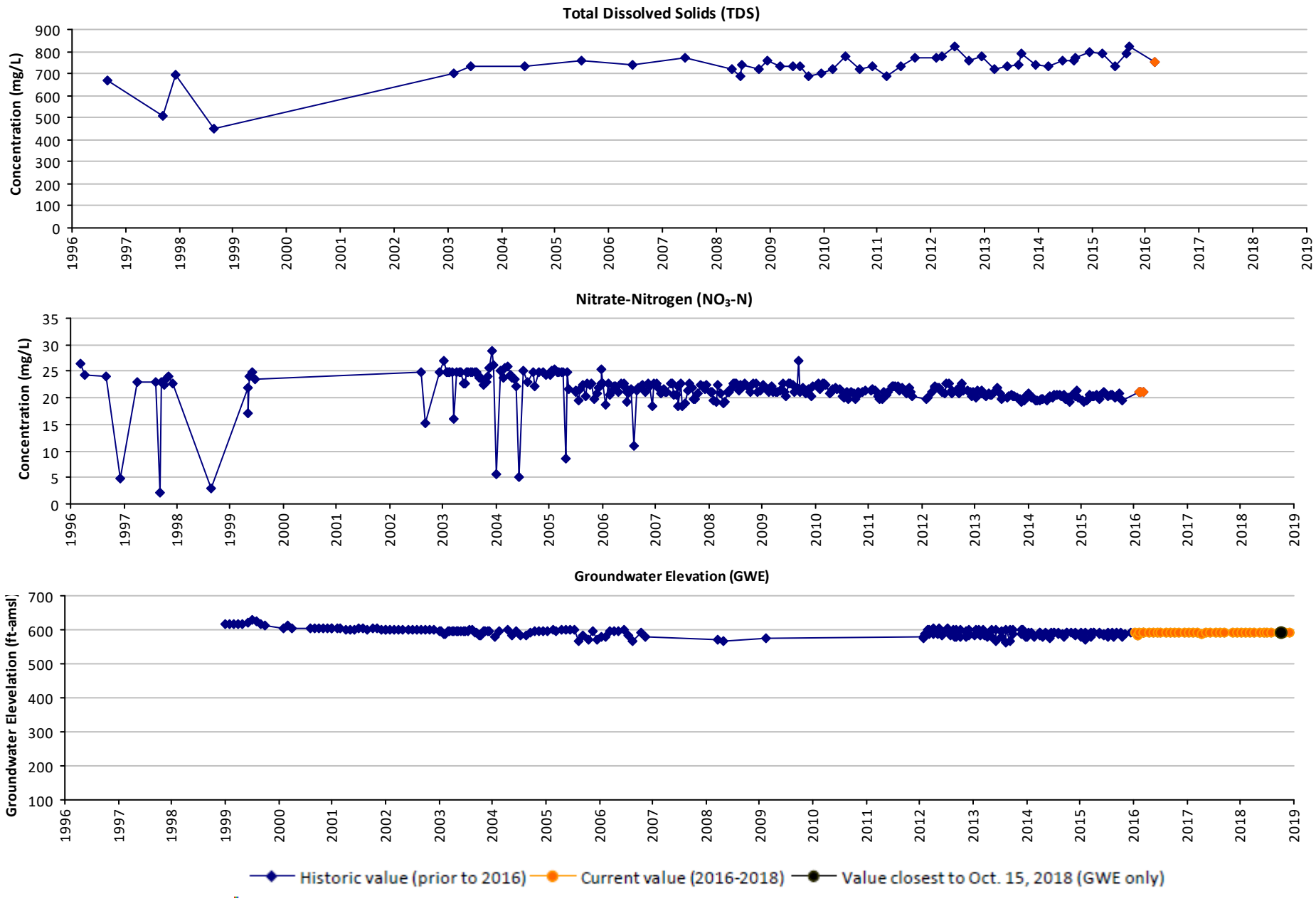

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

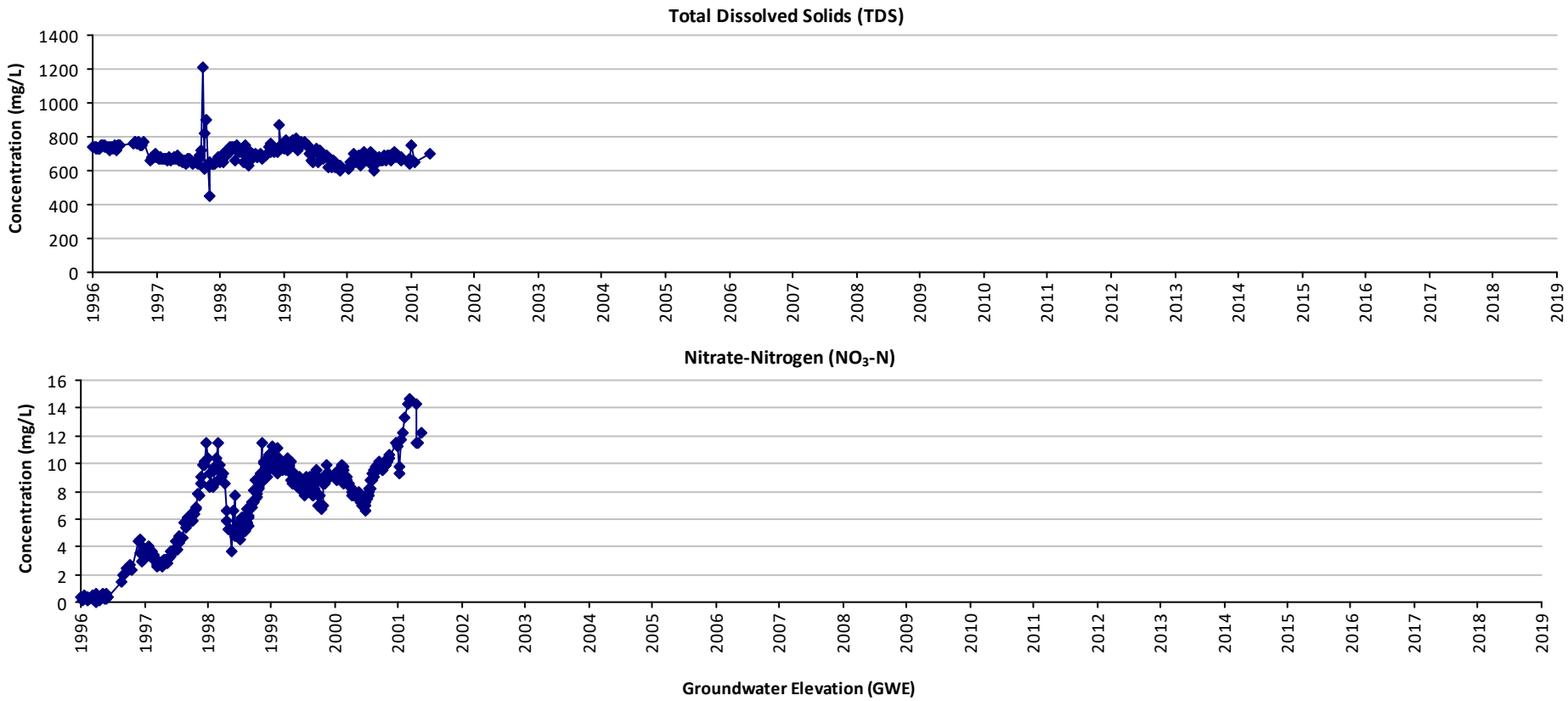

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

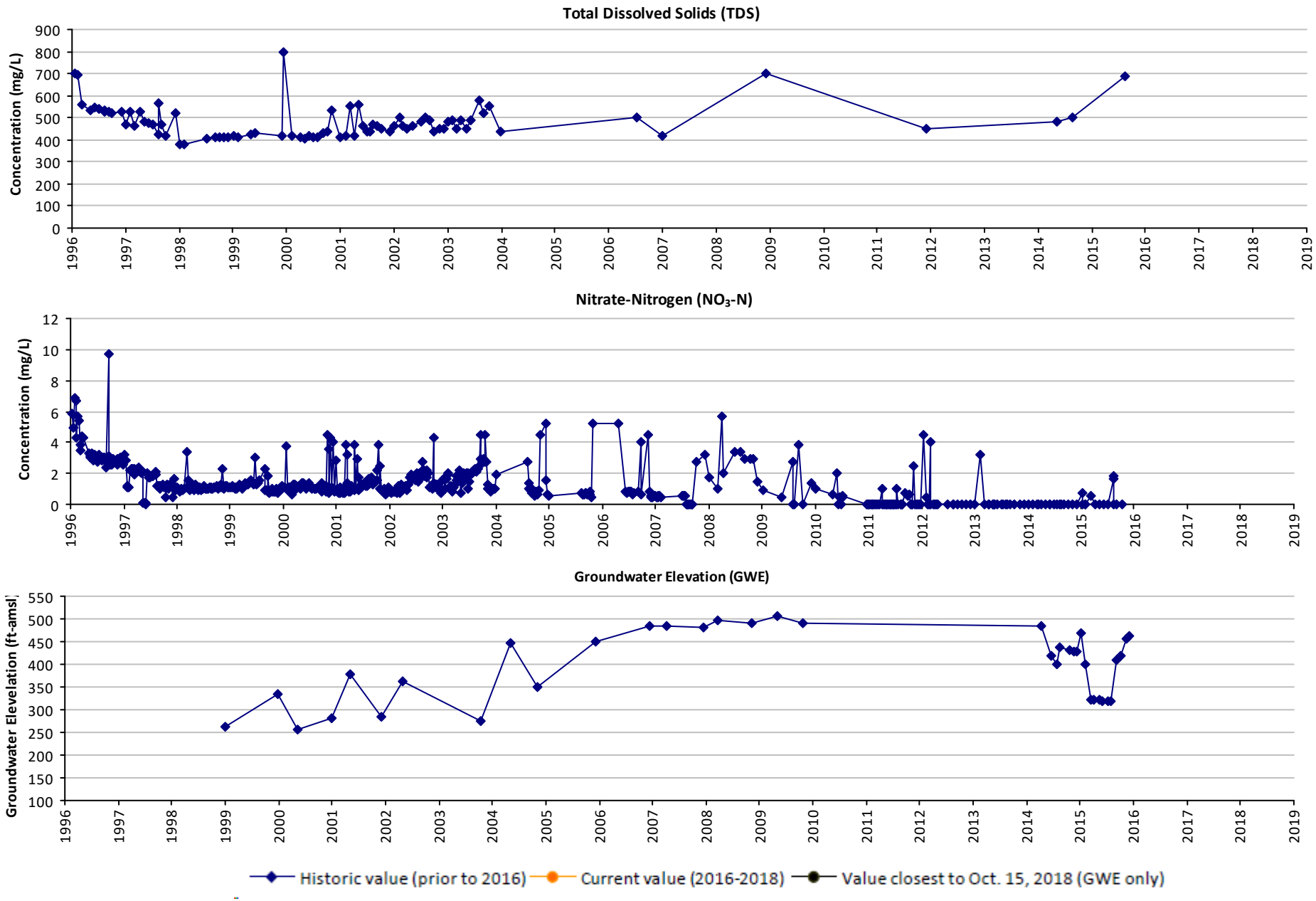

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

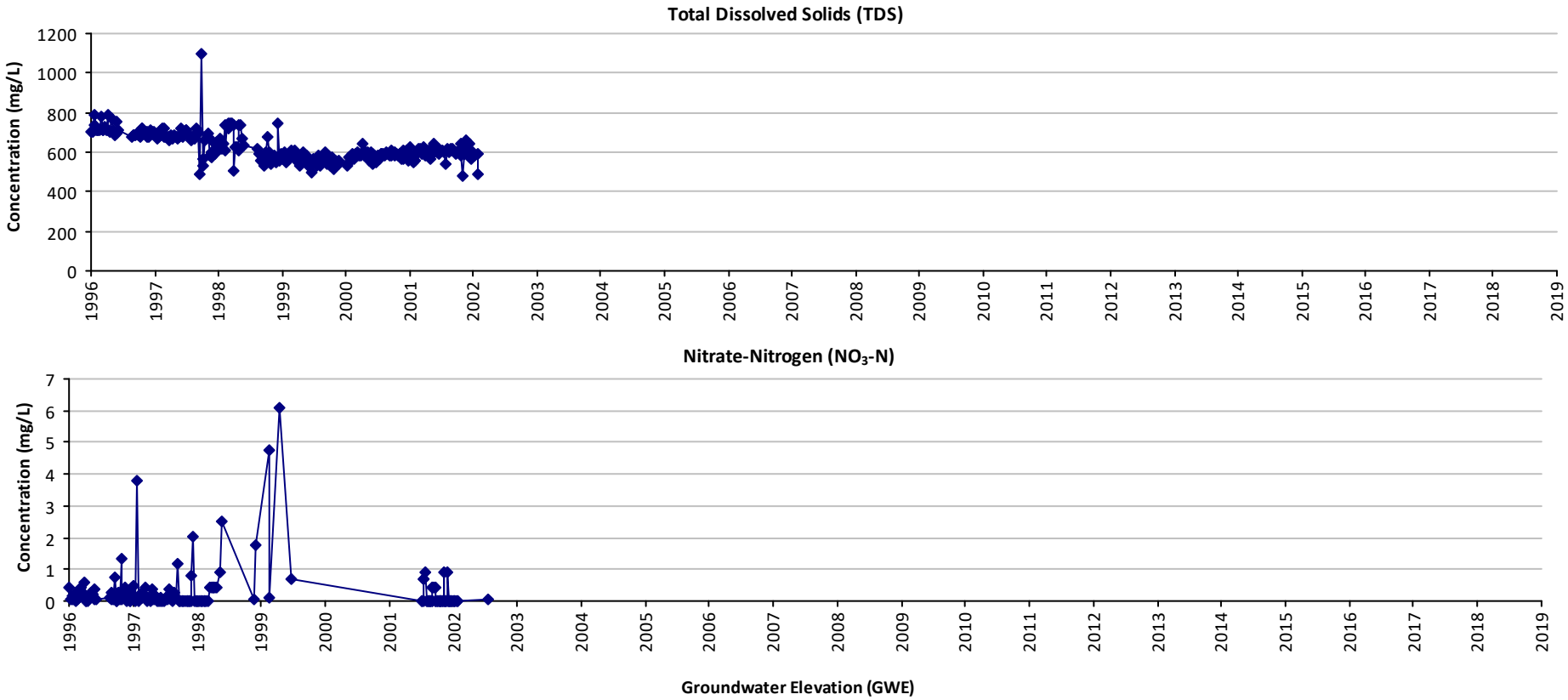

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

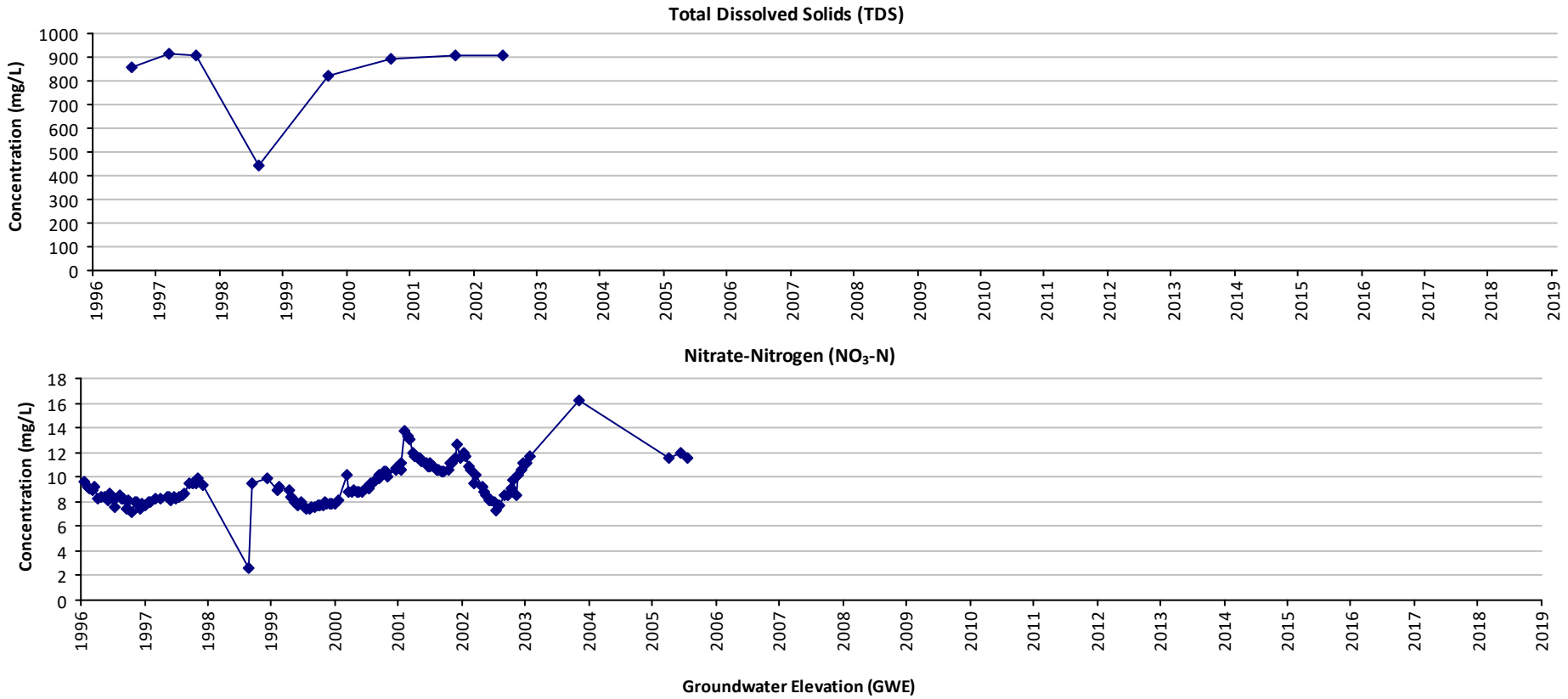

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

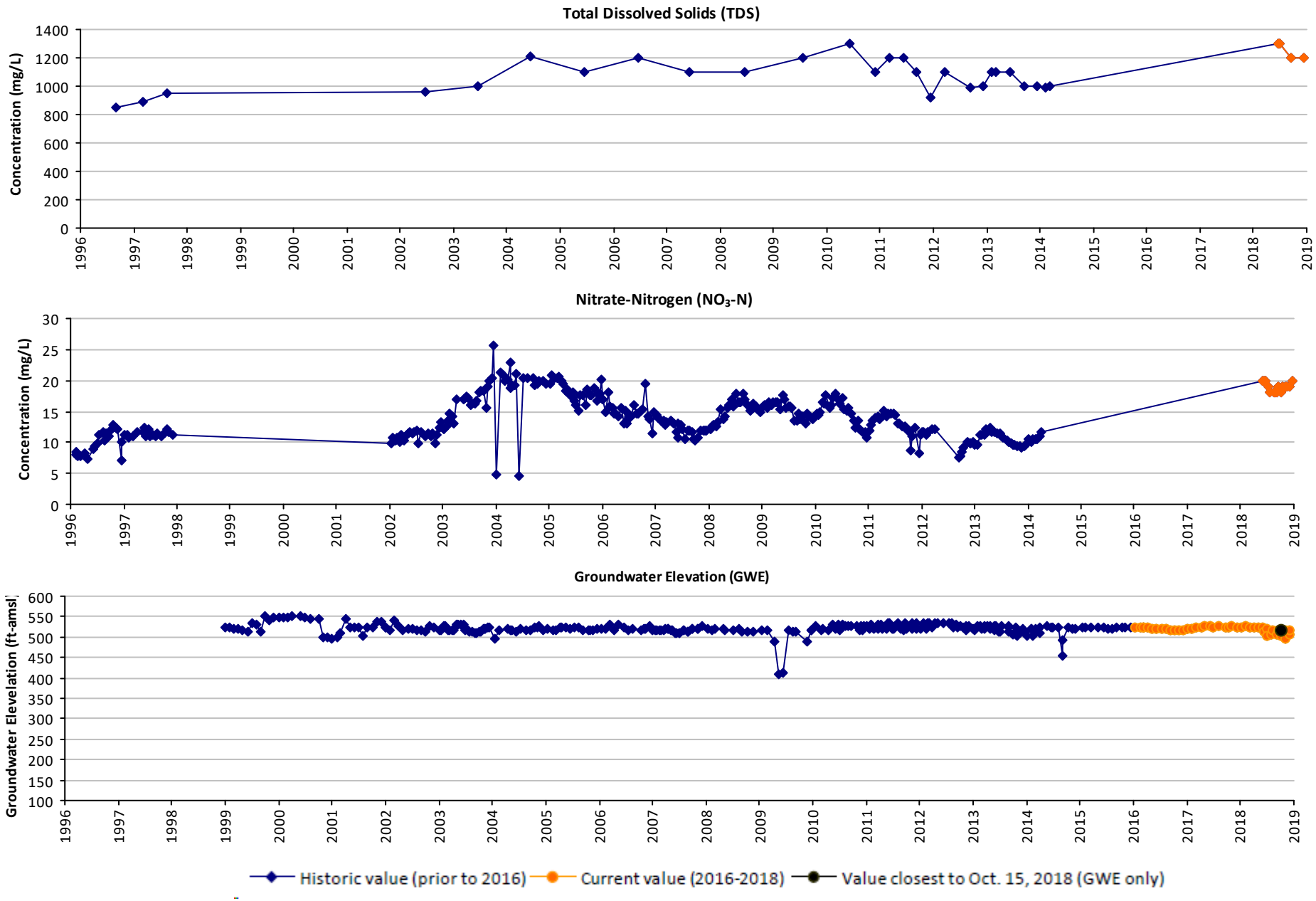


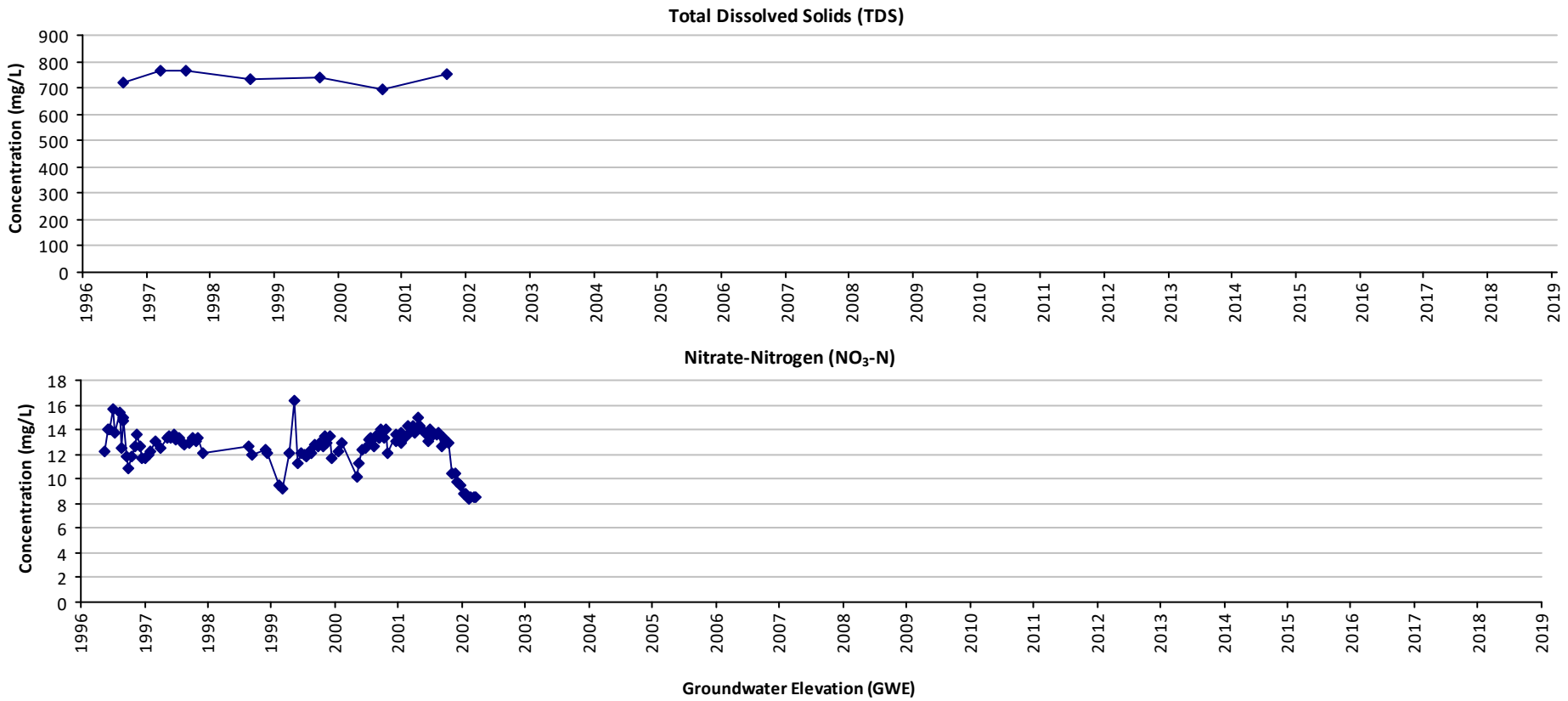
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

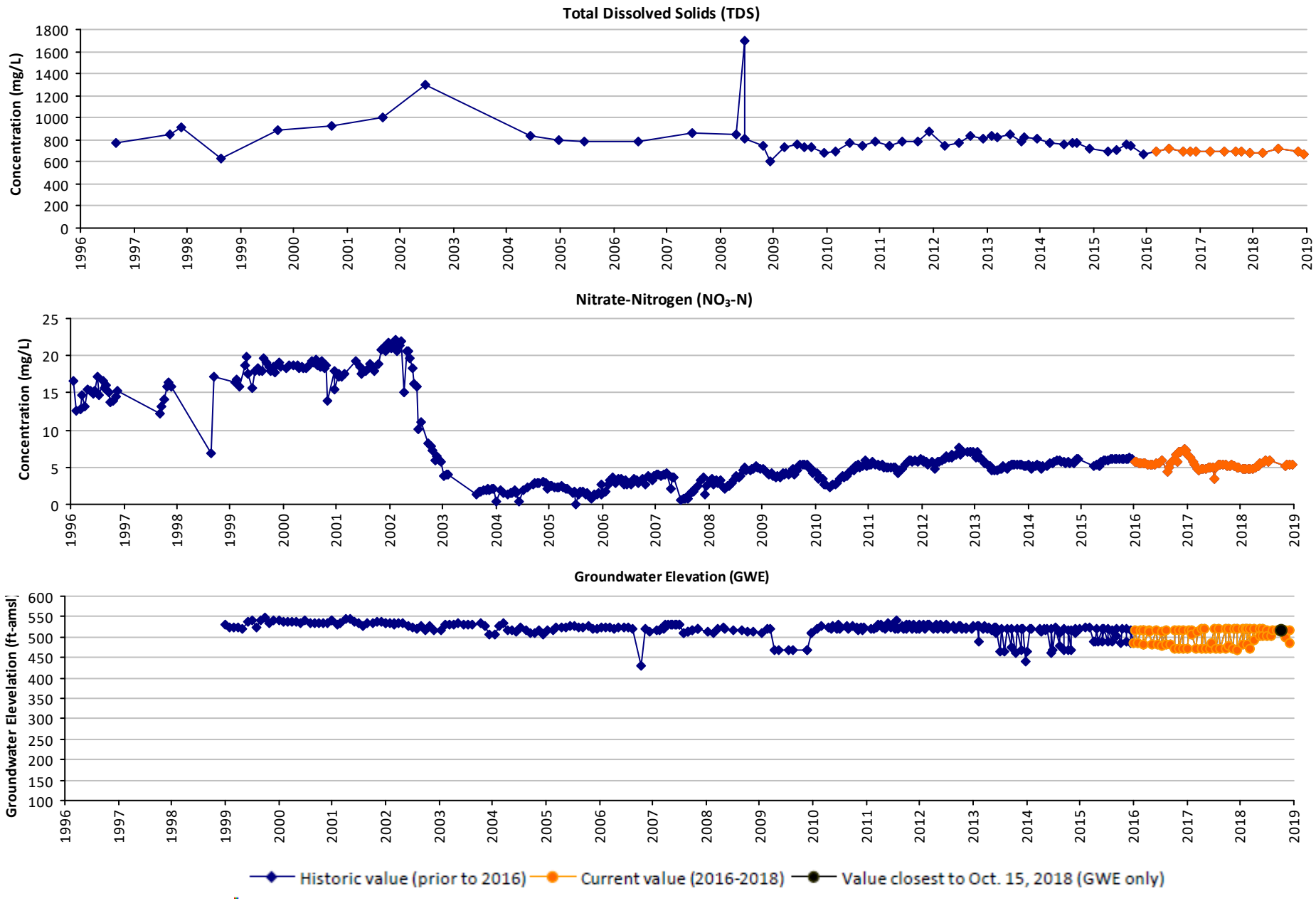

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

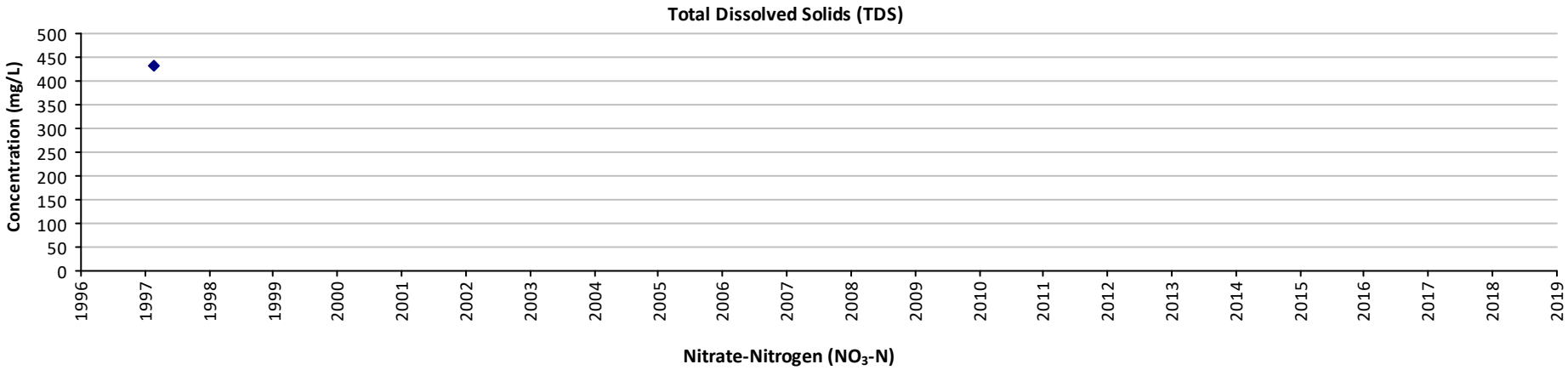

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

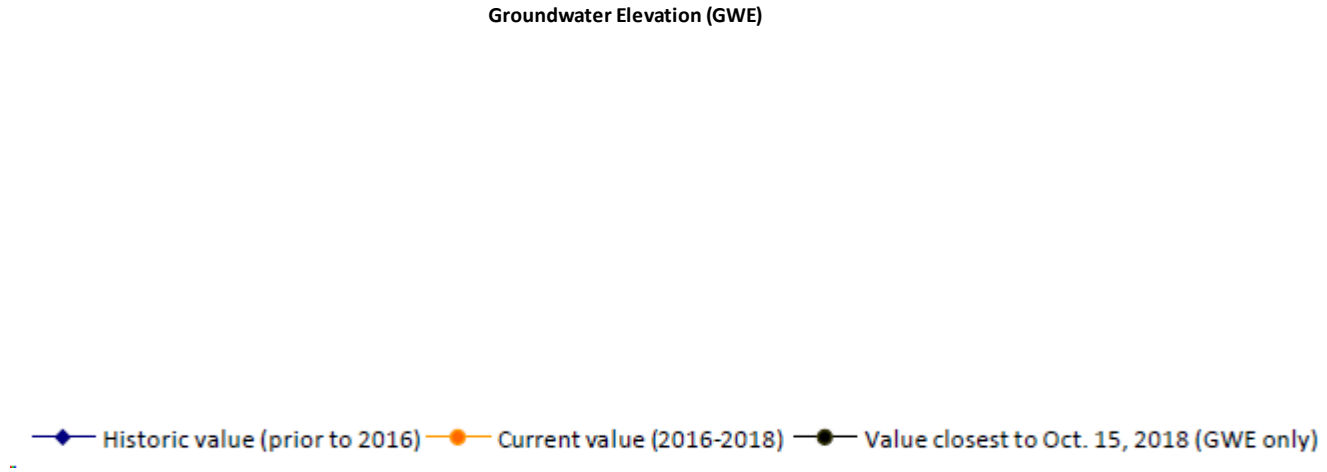

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

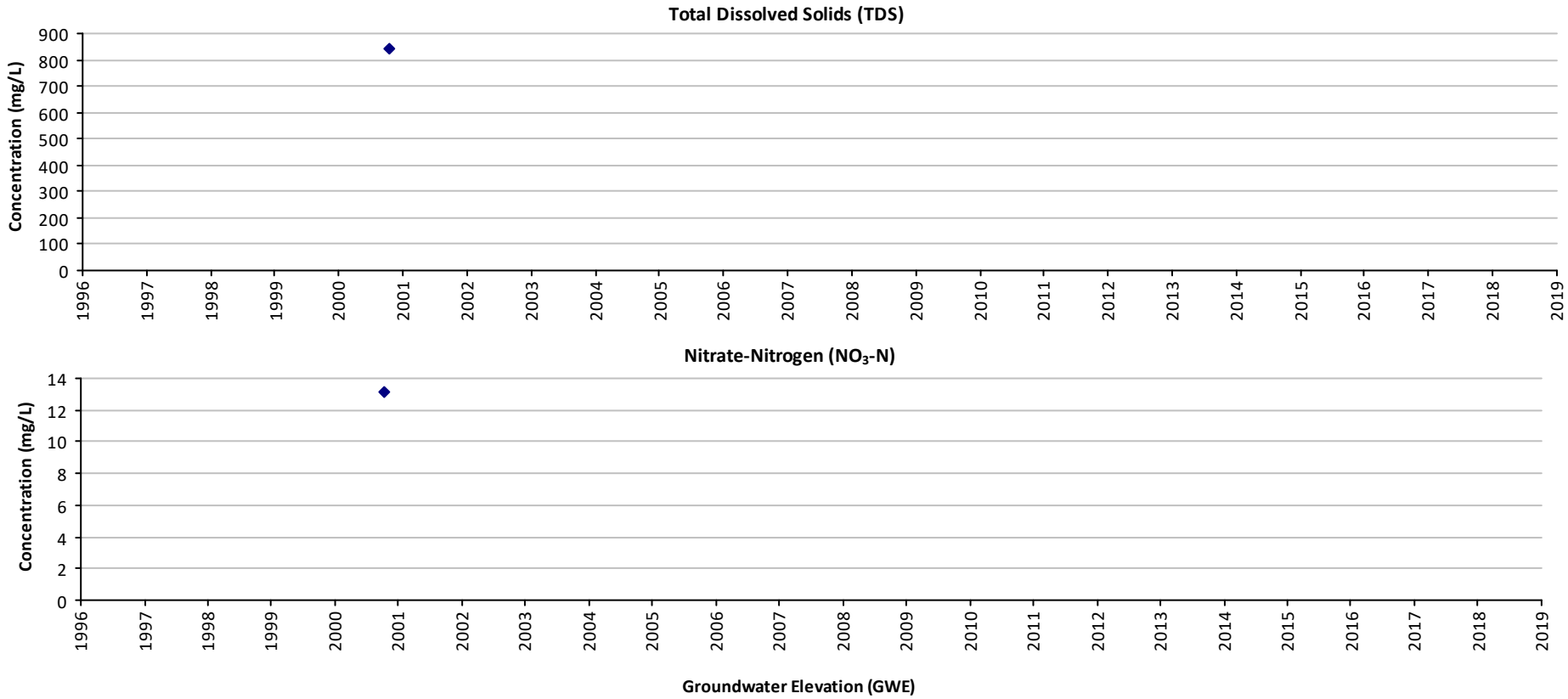

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

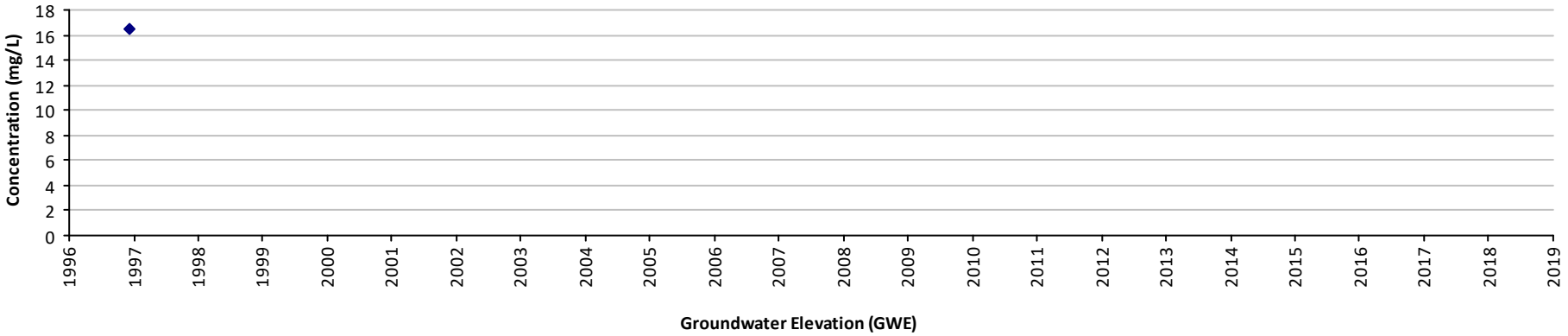

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)


Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

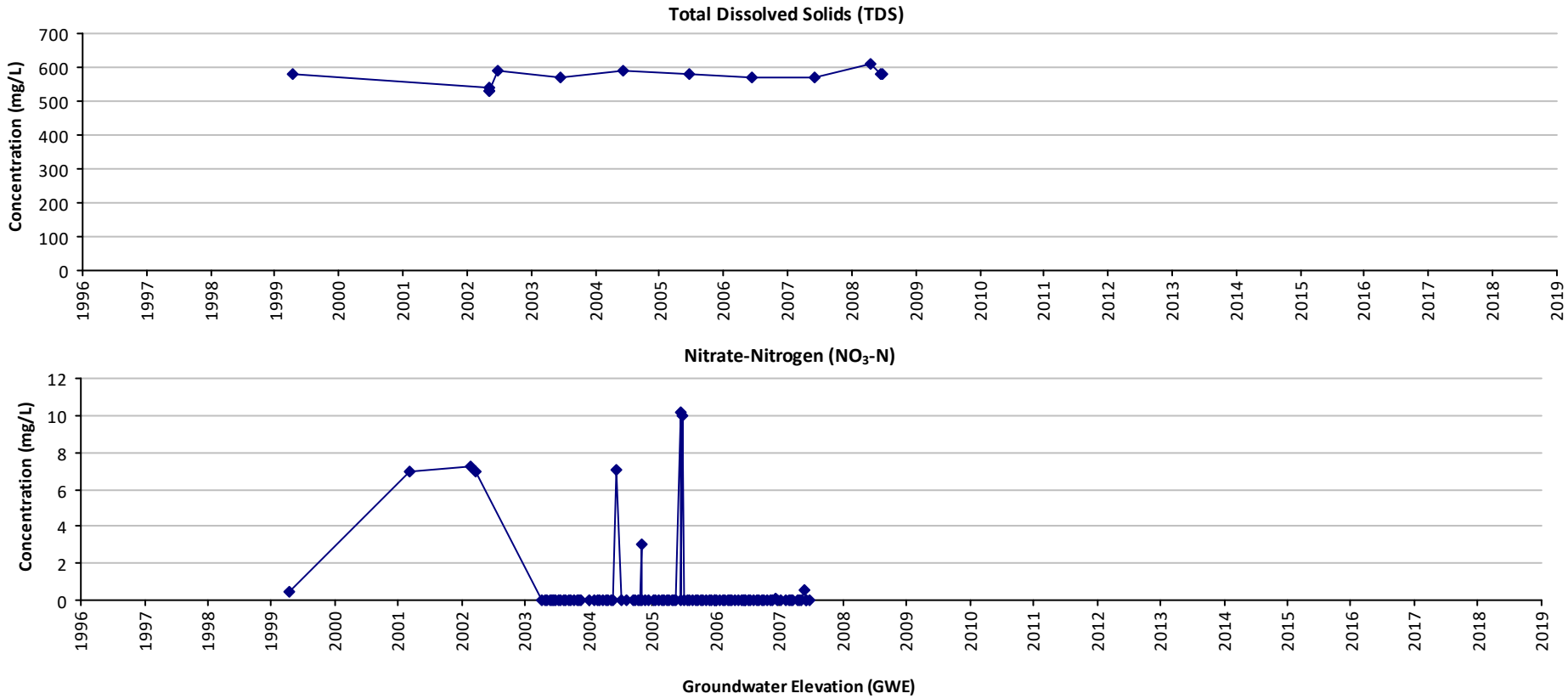

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

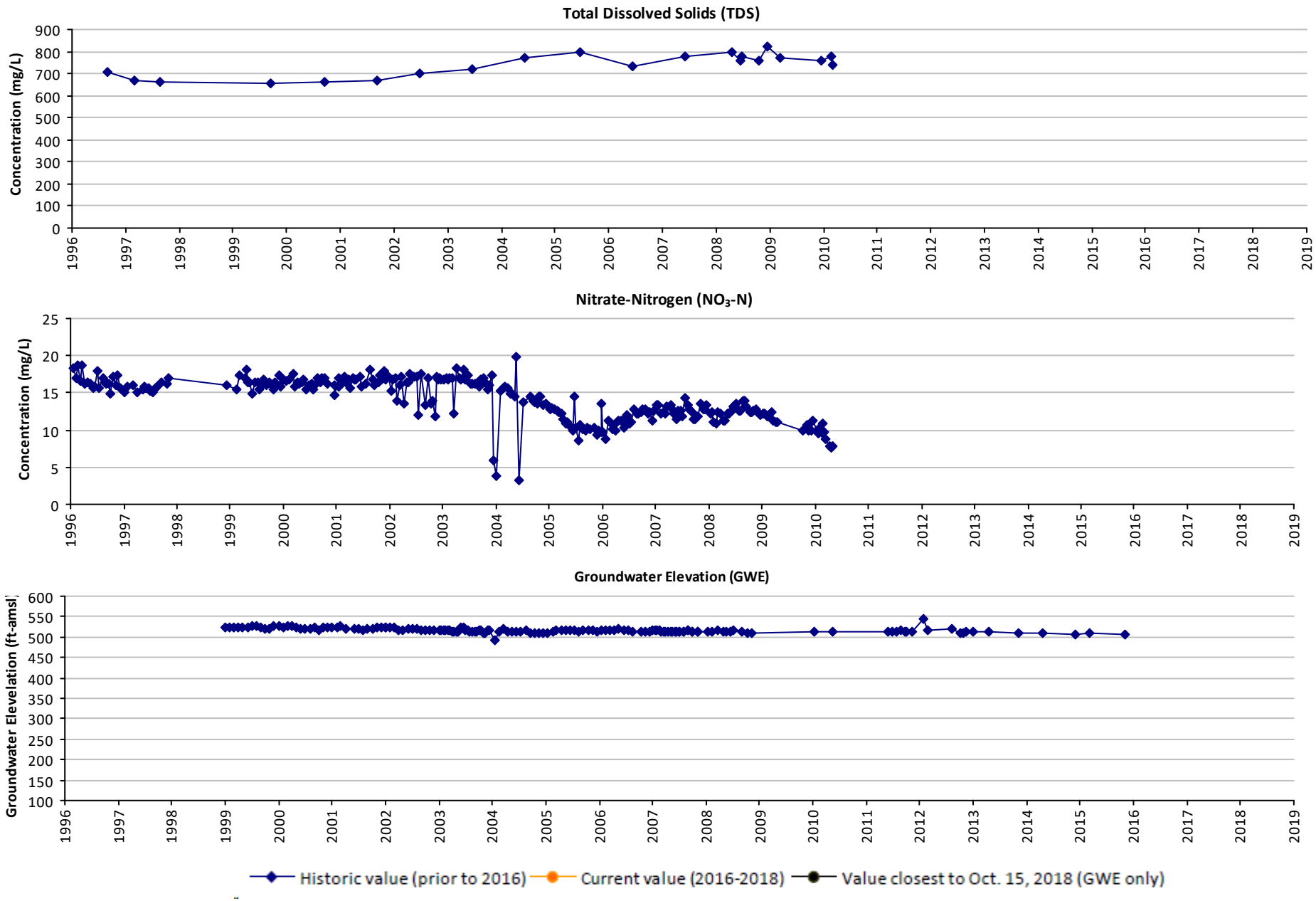
Total Dissolved Solids (TDS)

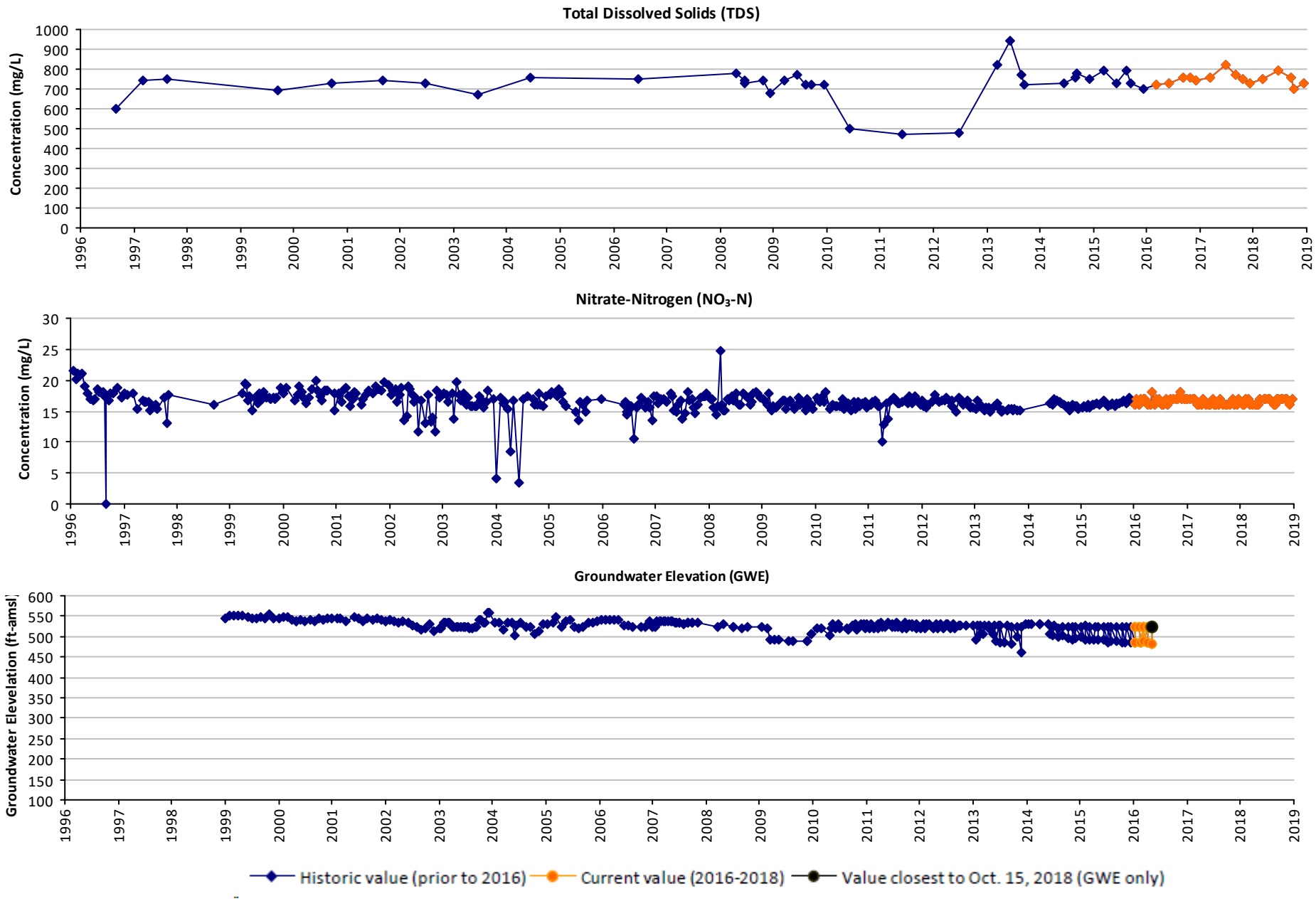
Nitrate-Nitrogen (NO_3-N)

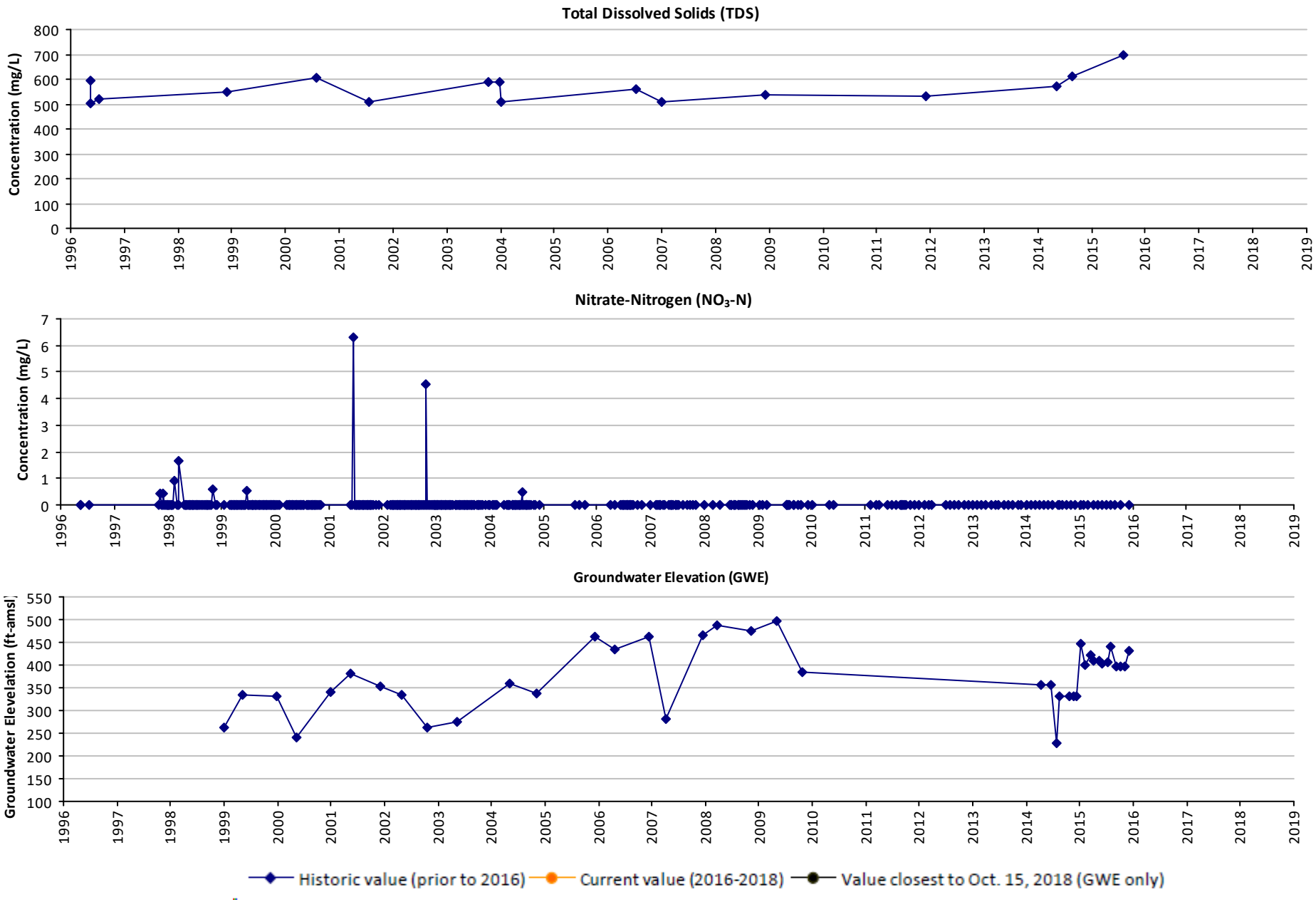


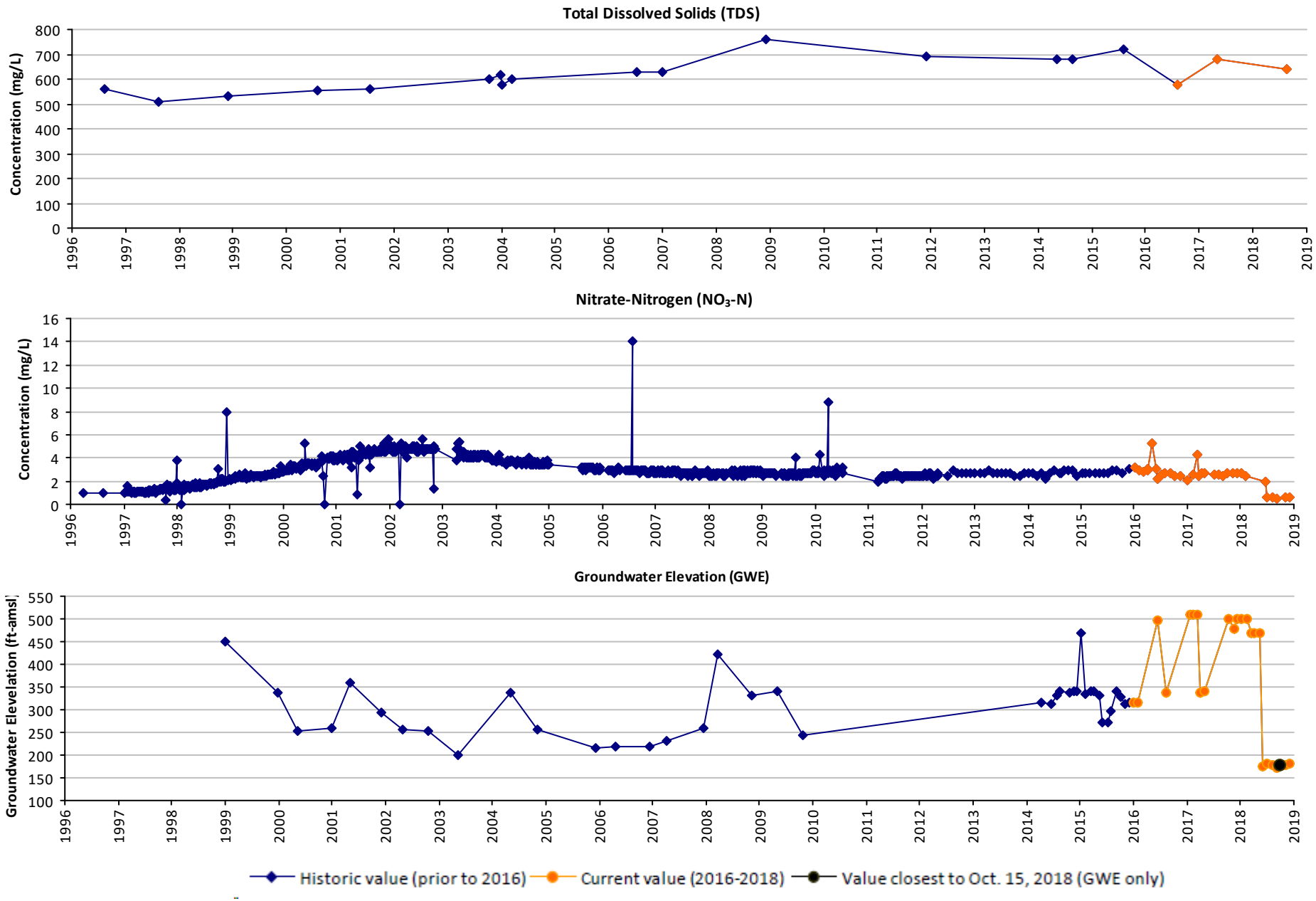
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

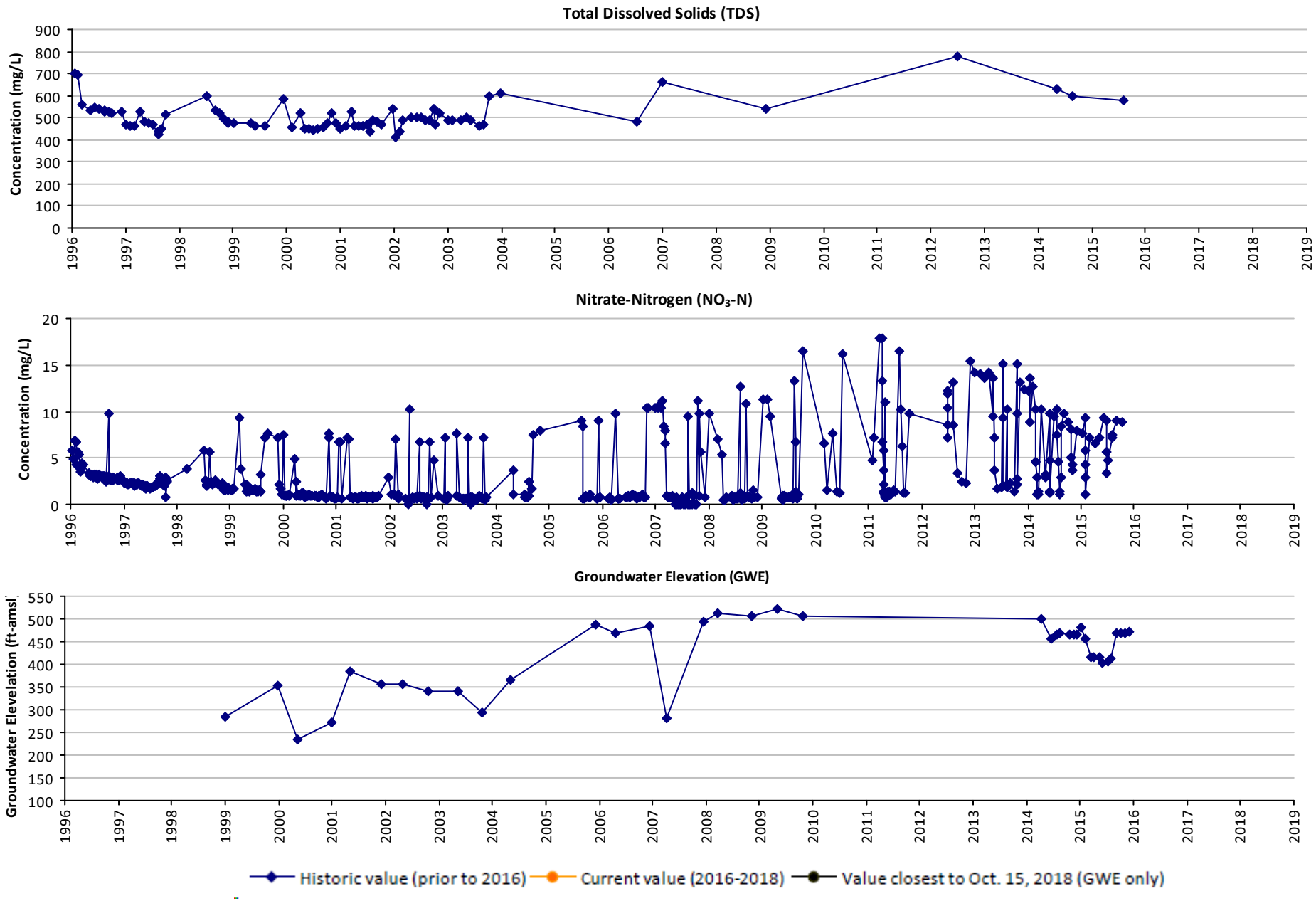

Total Dissolved Solids (TDS)
Concentration (mg/L)
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

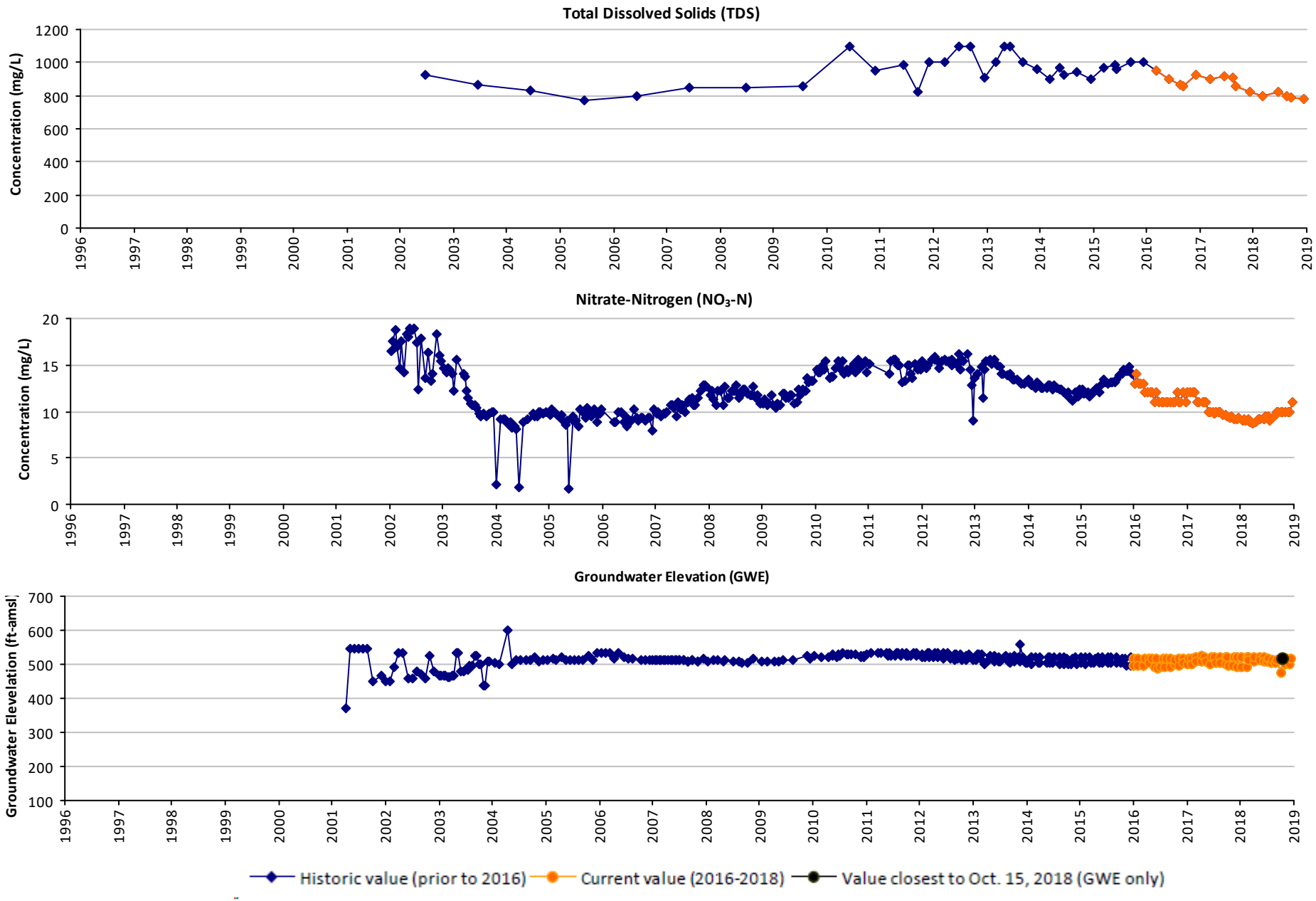

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

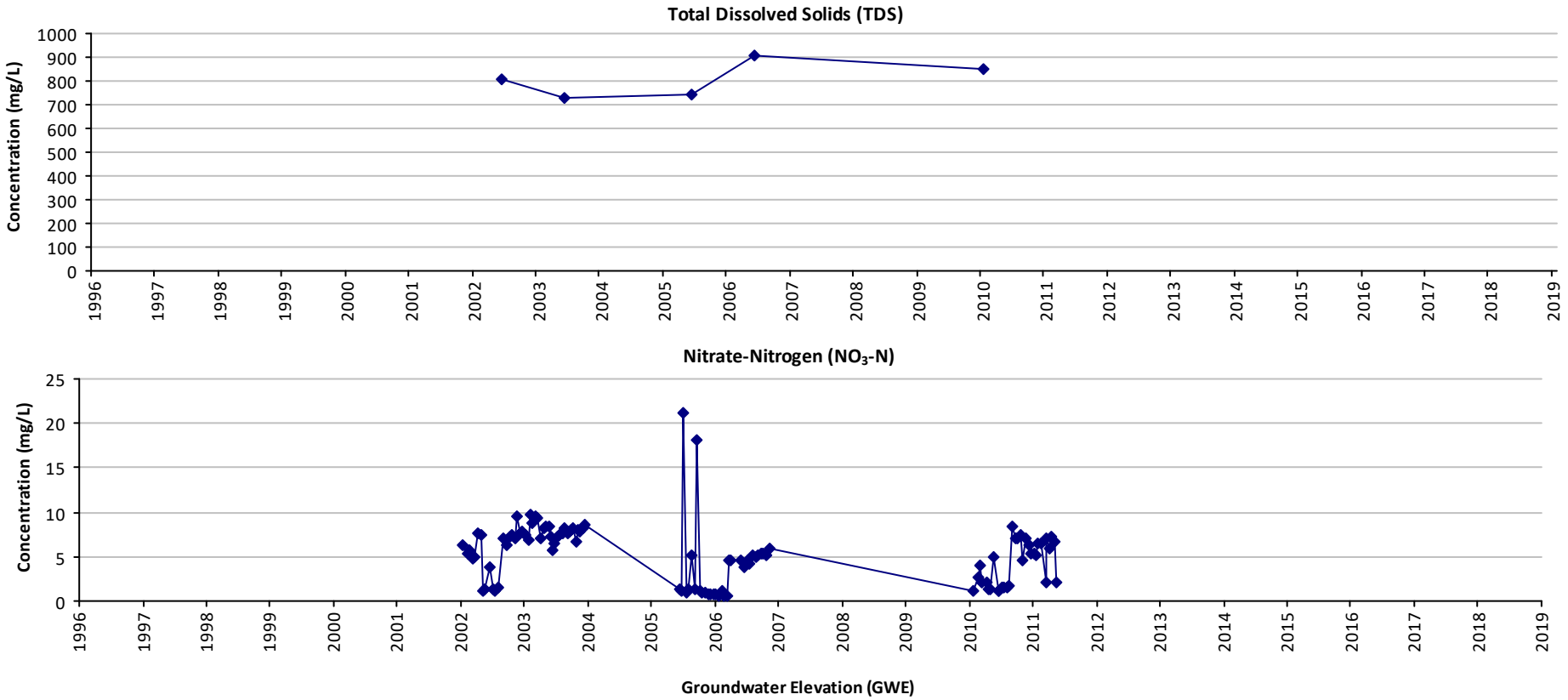

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

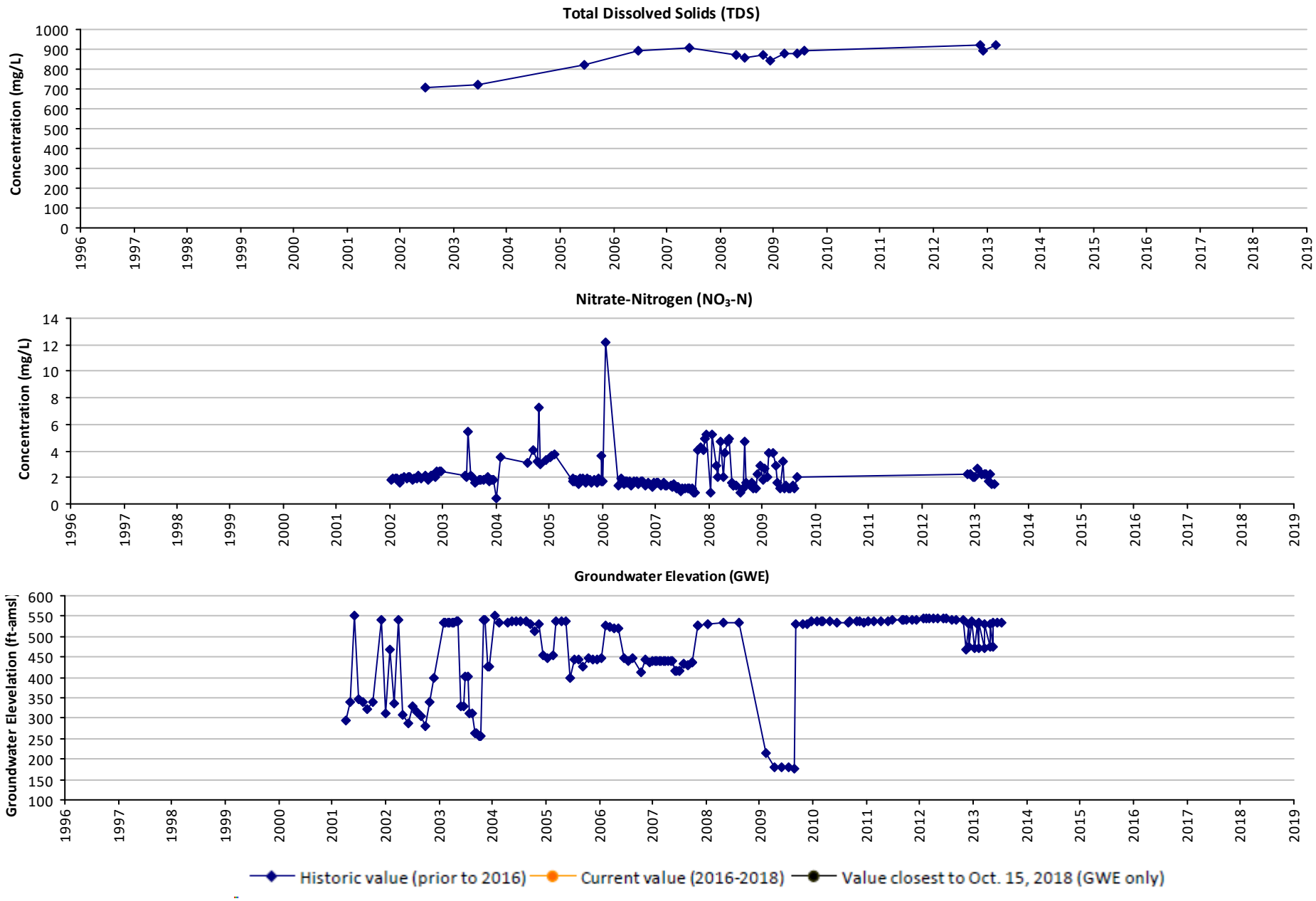

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

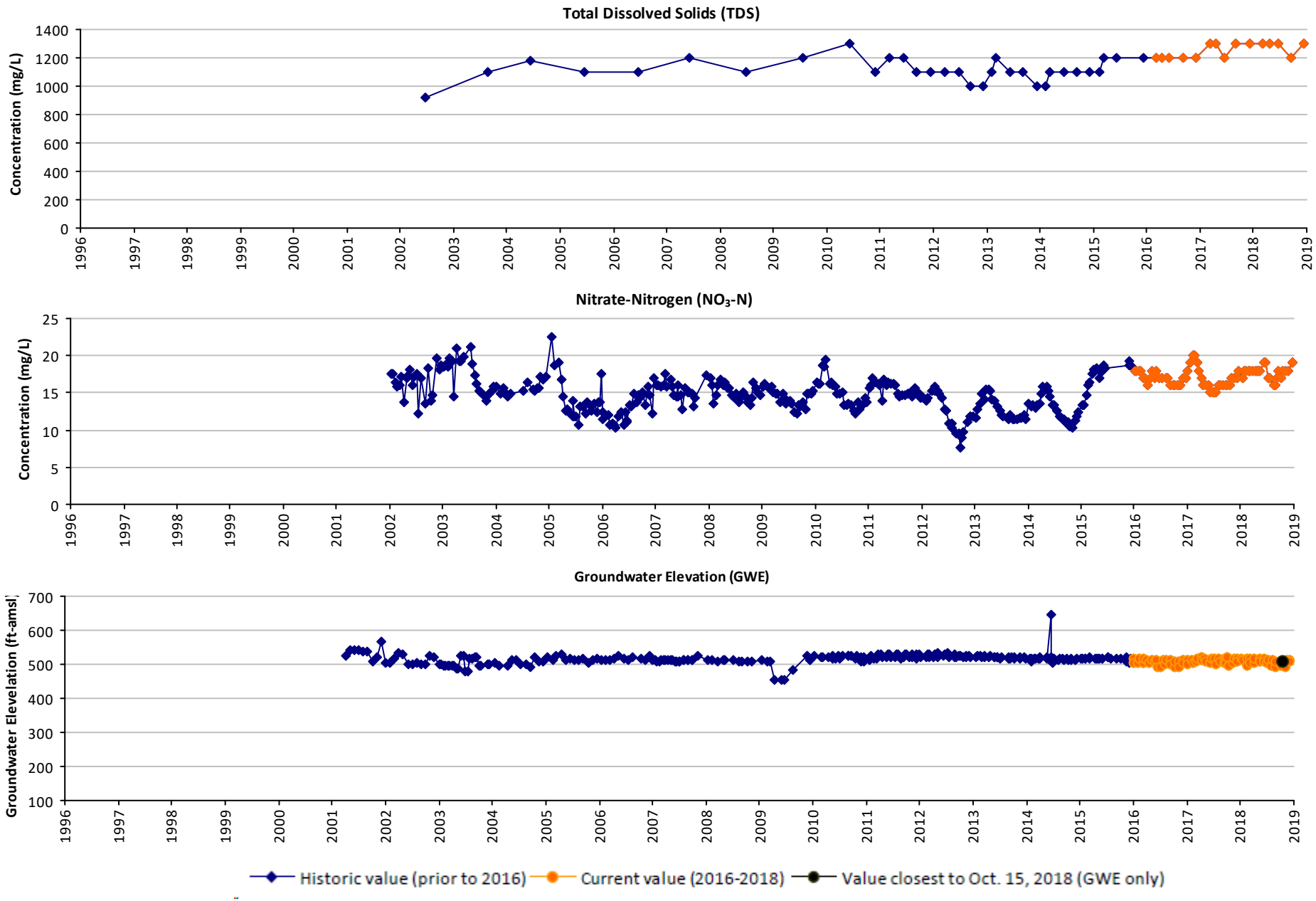

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

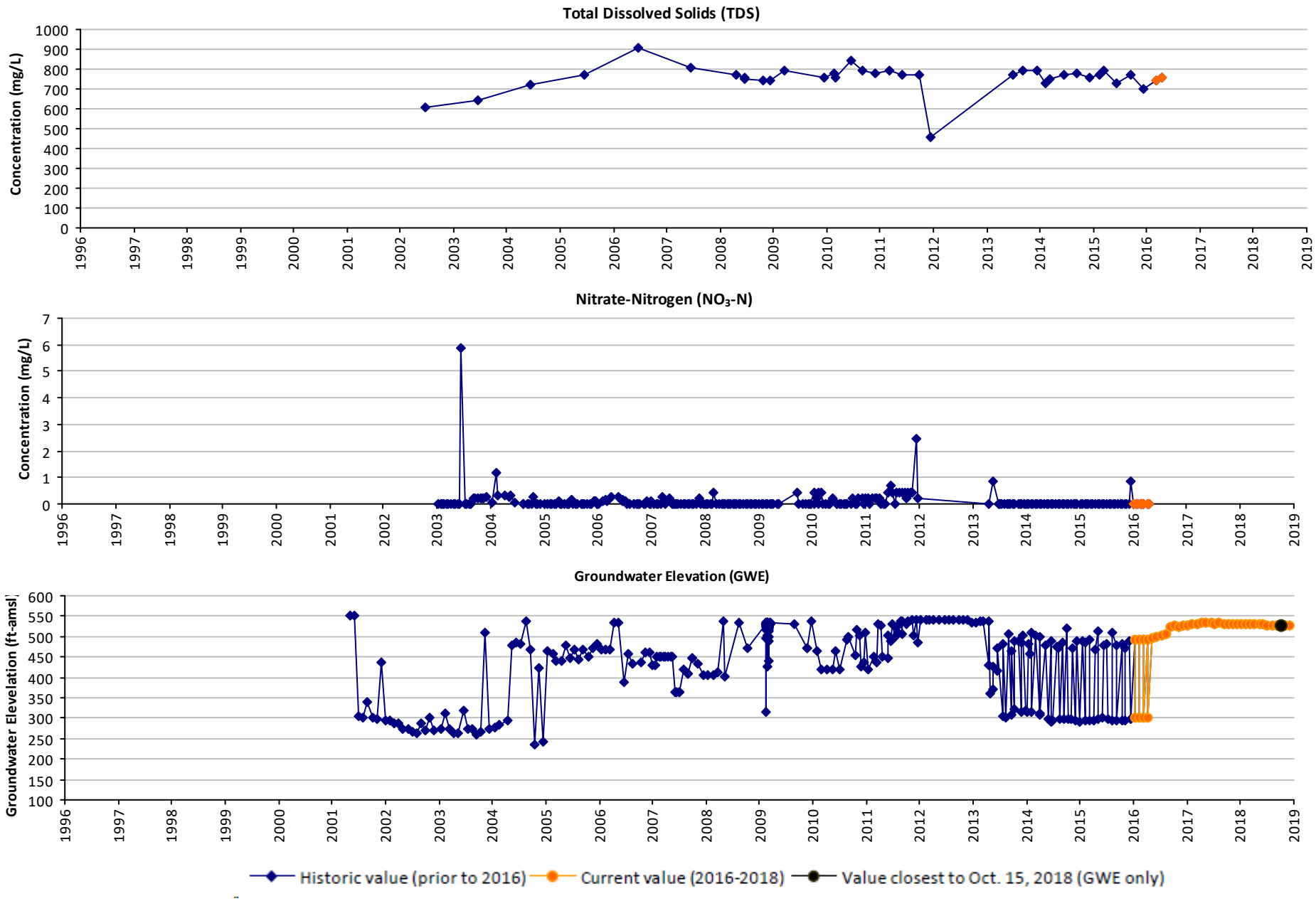

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

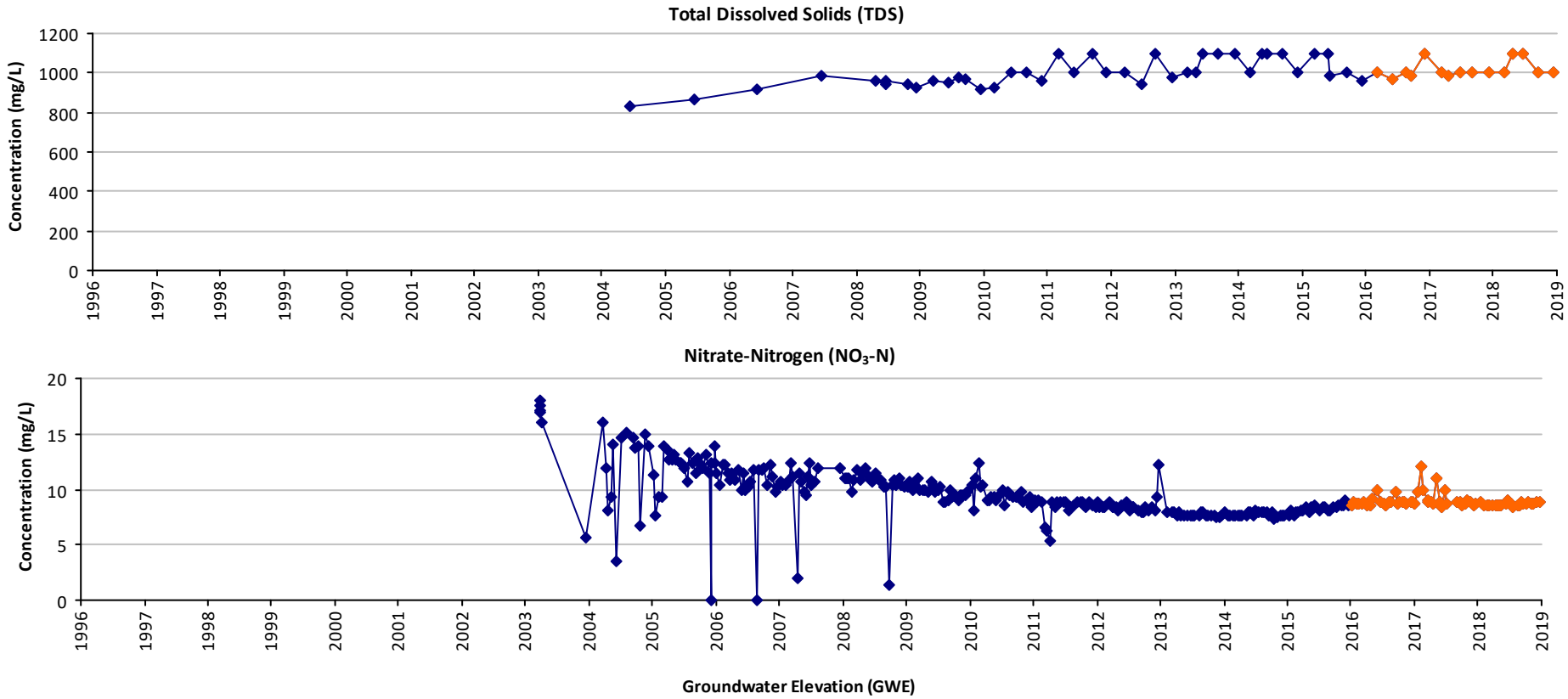

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

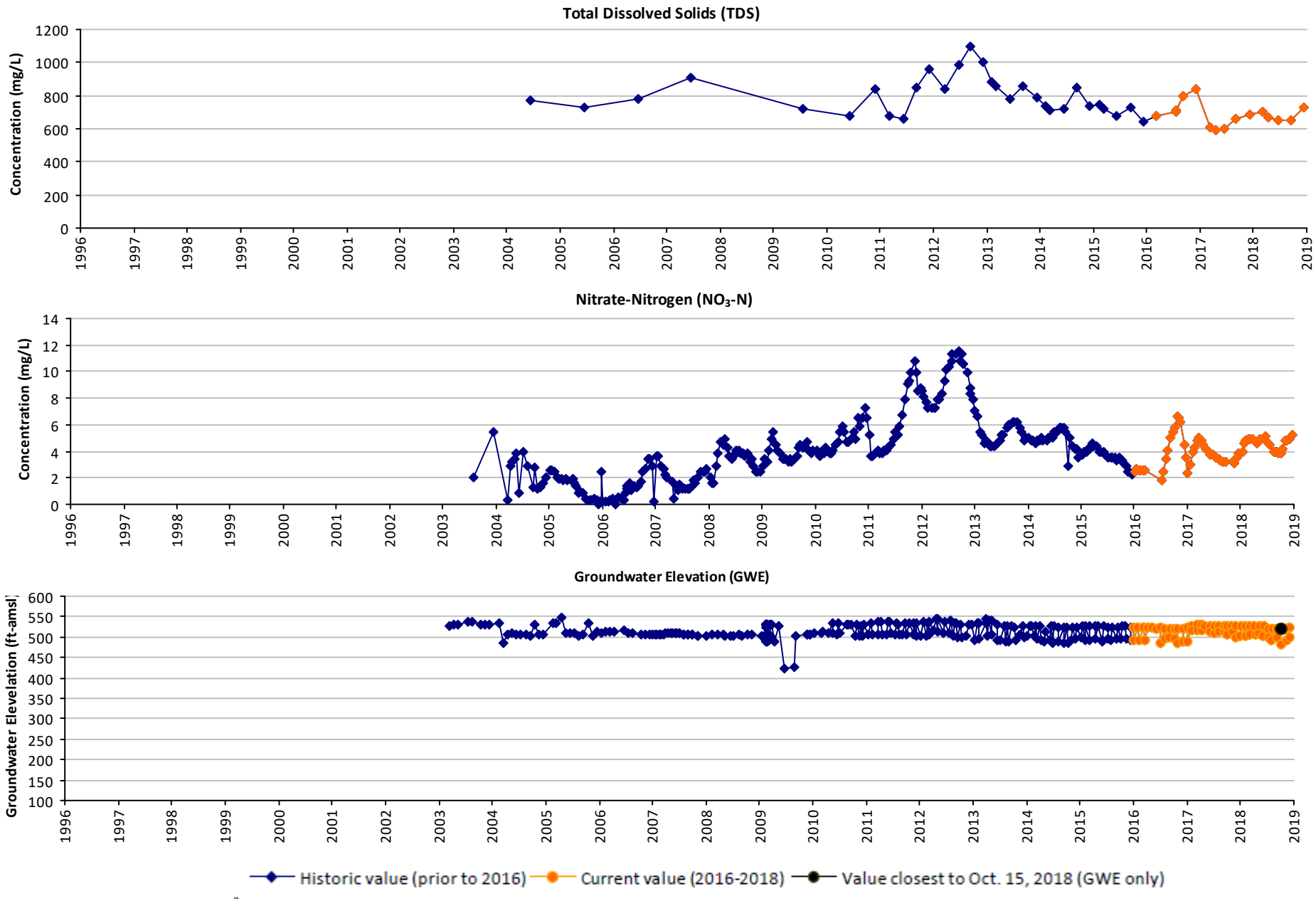

Total Dissolved Solids (TDS)
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
25
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

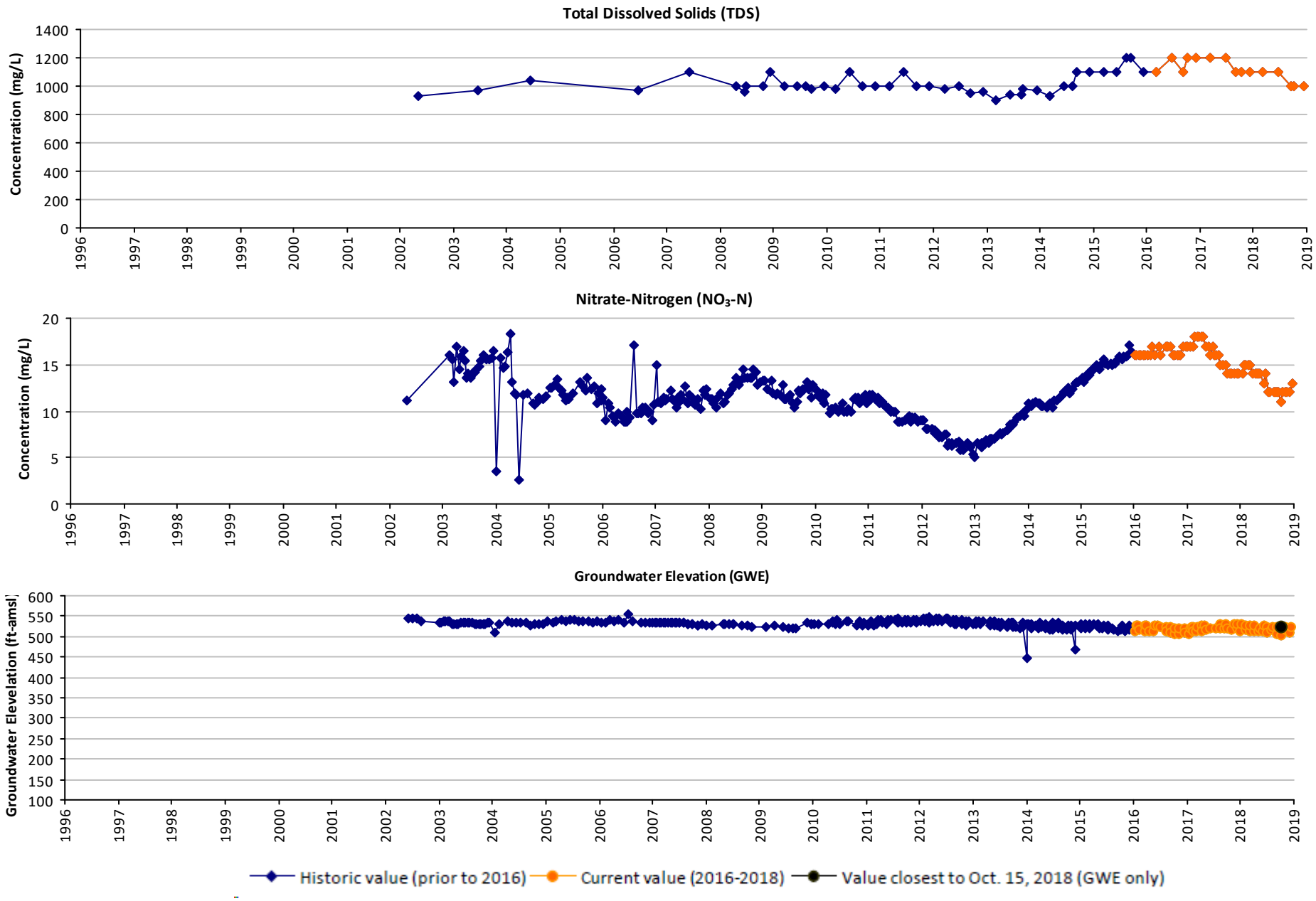

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

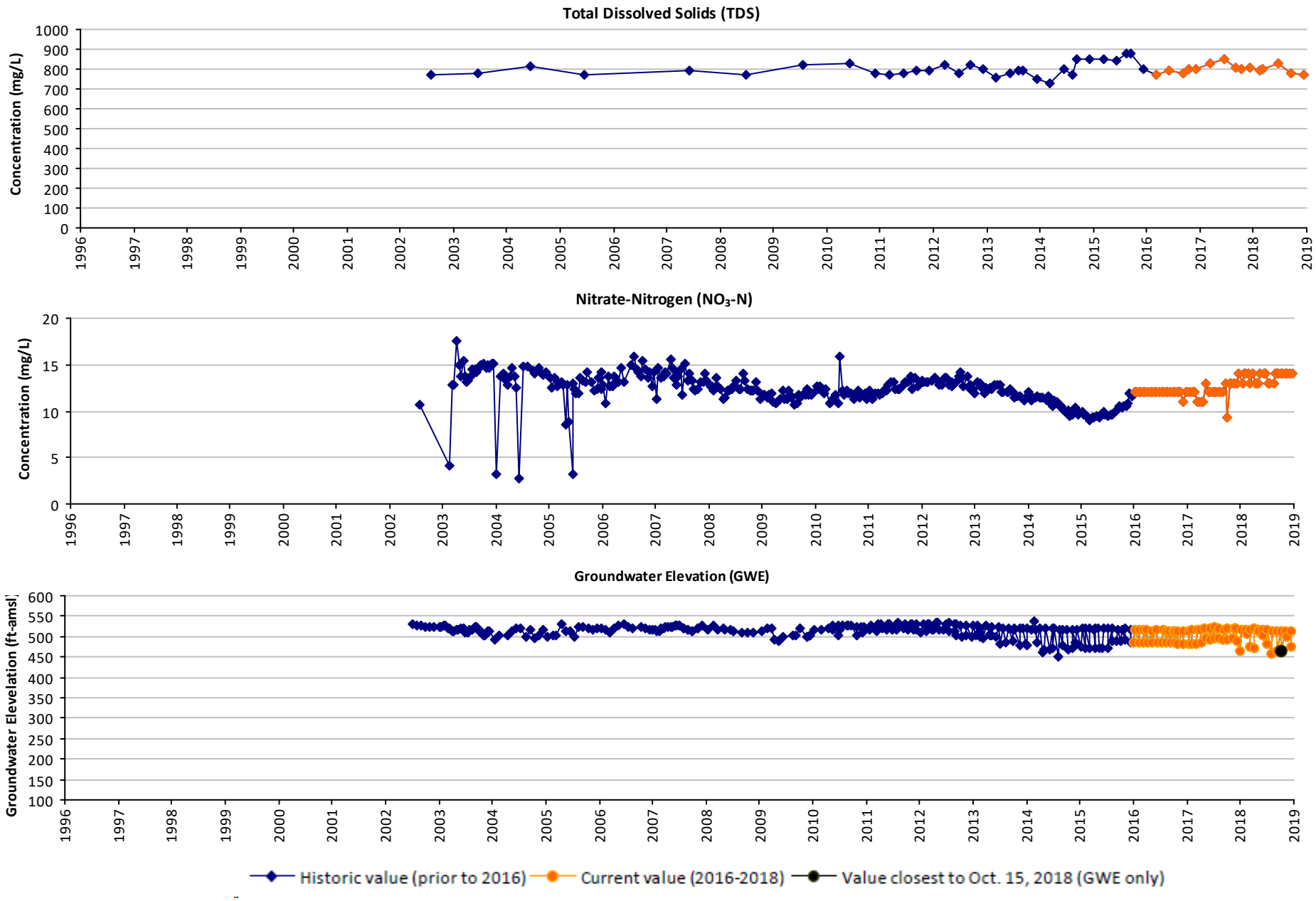

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

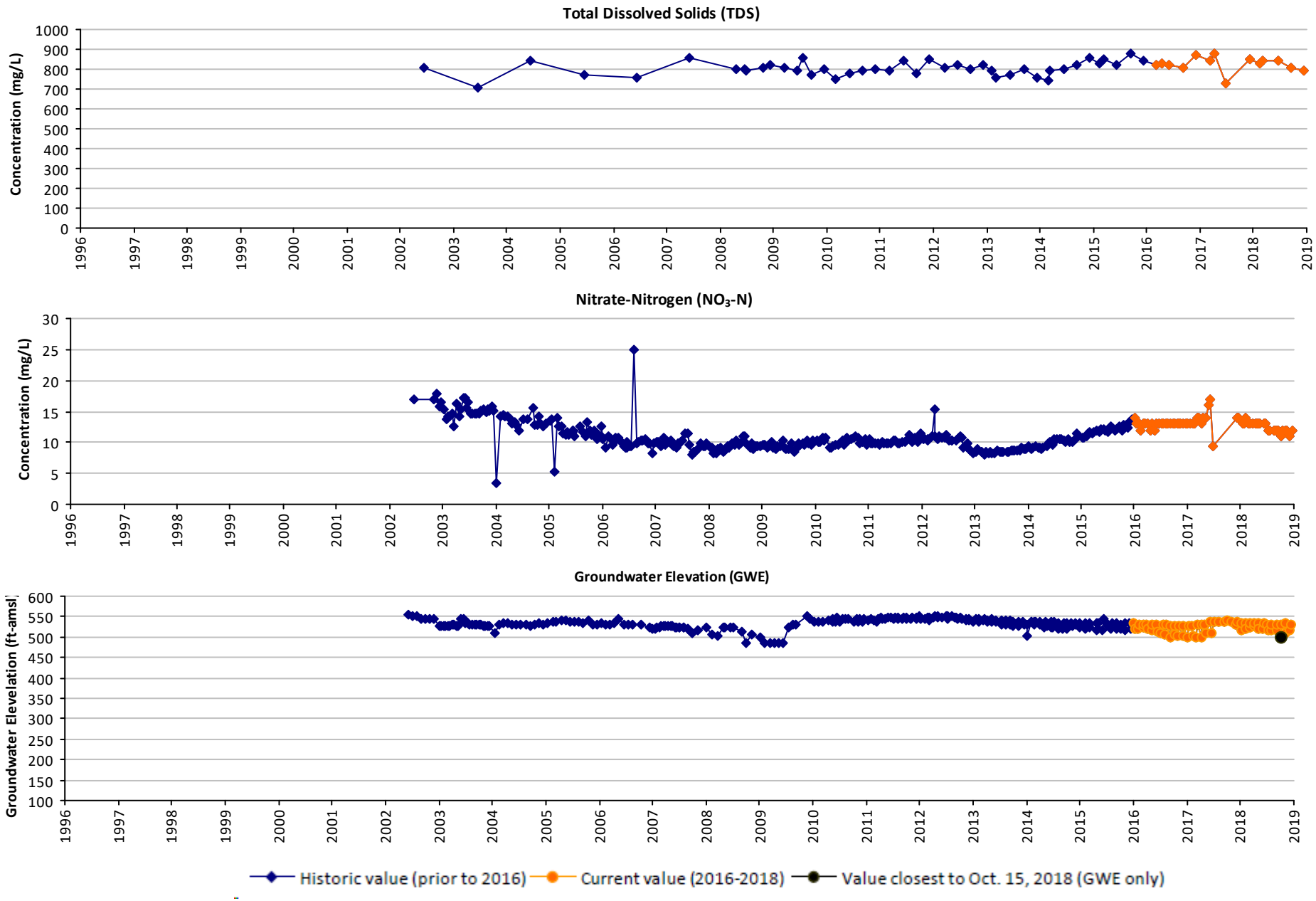

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

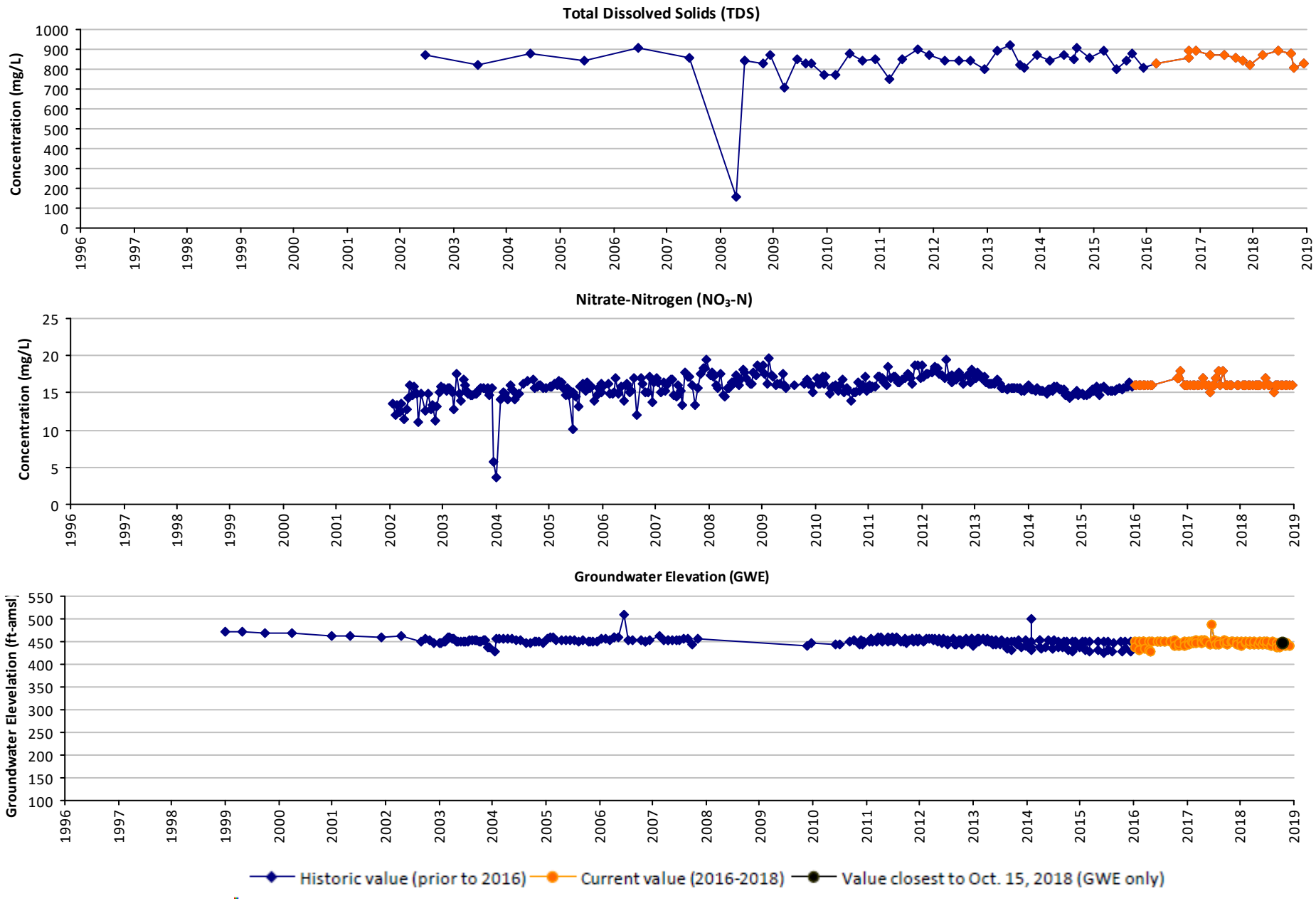

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

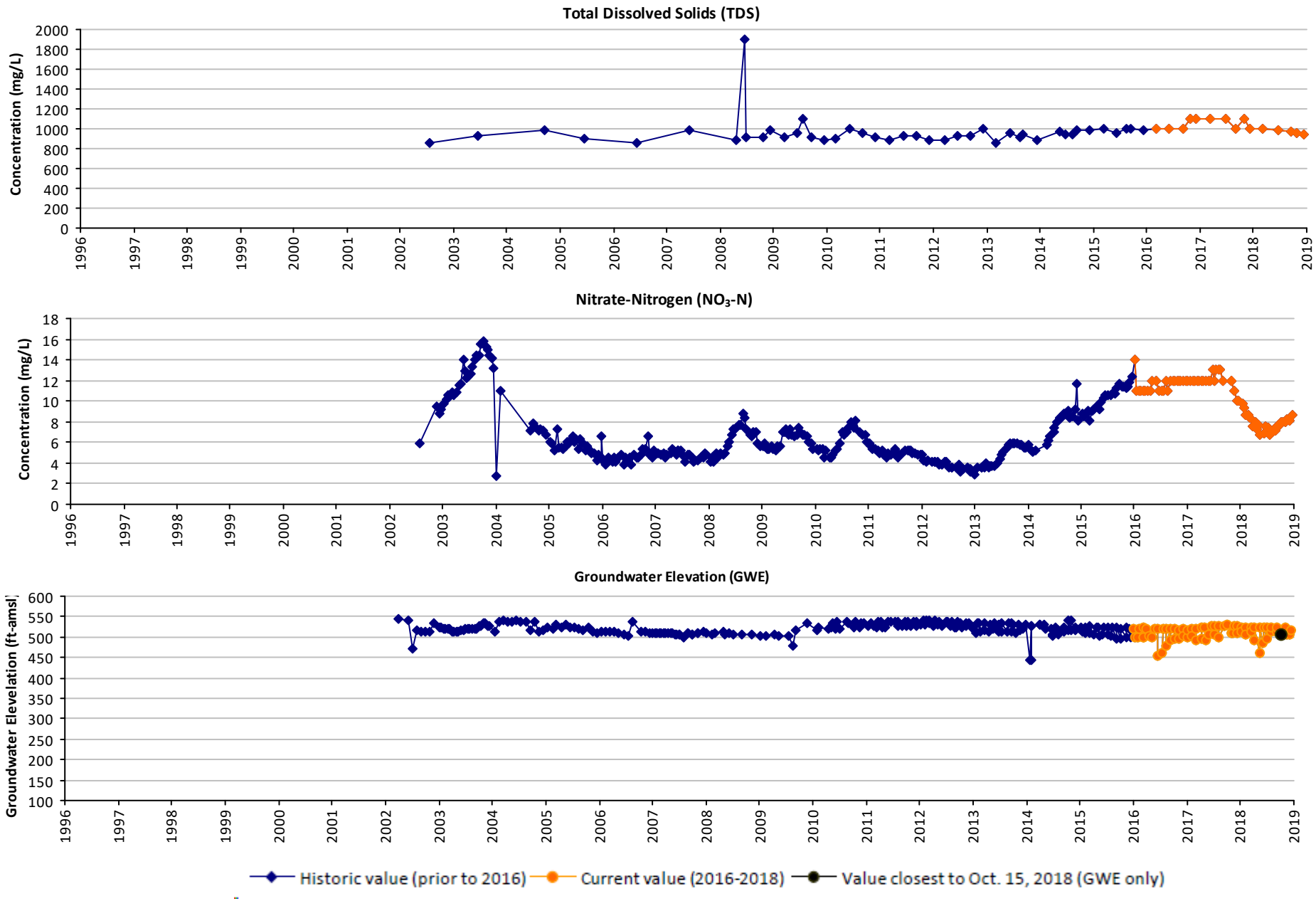

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

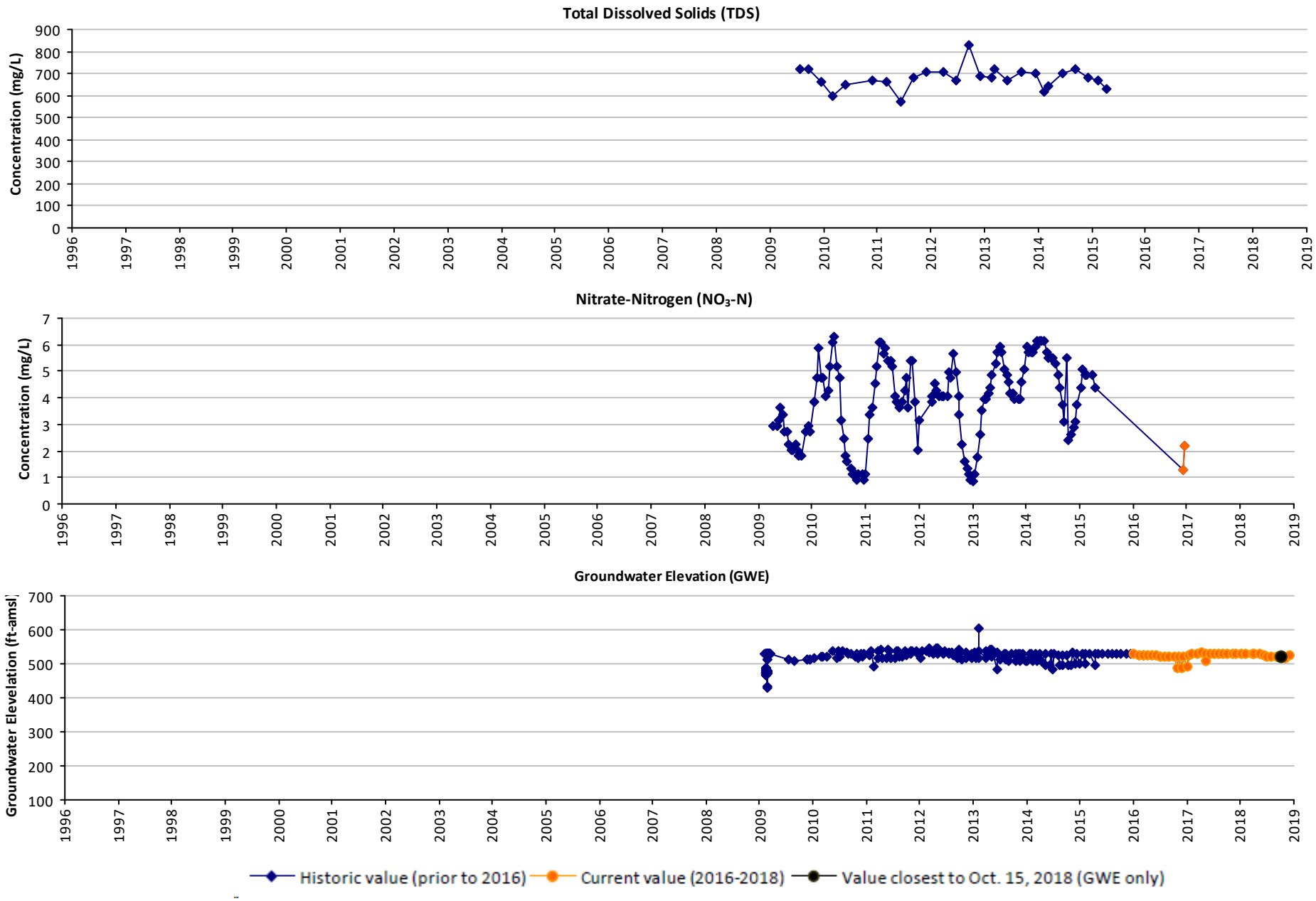

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

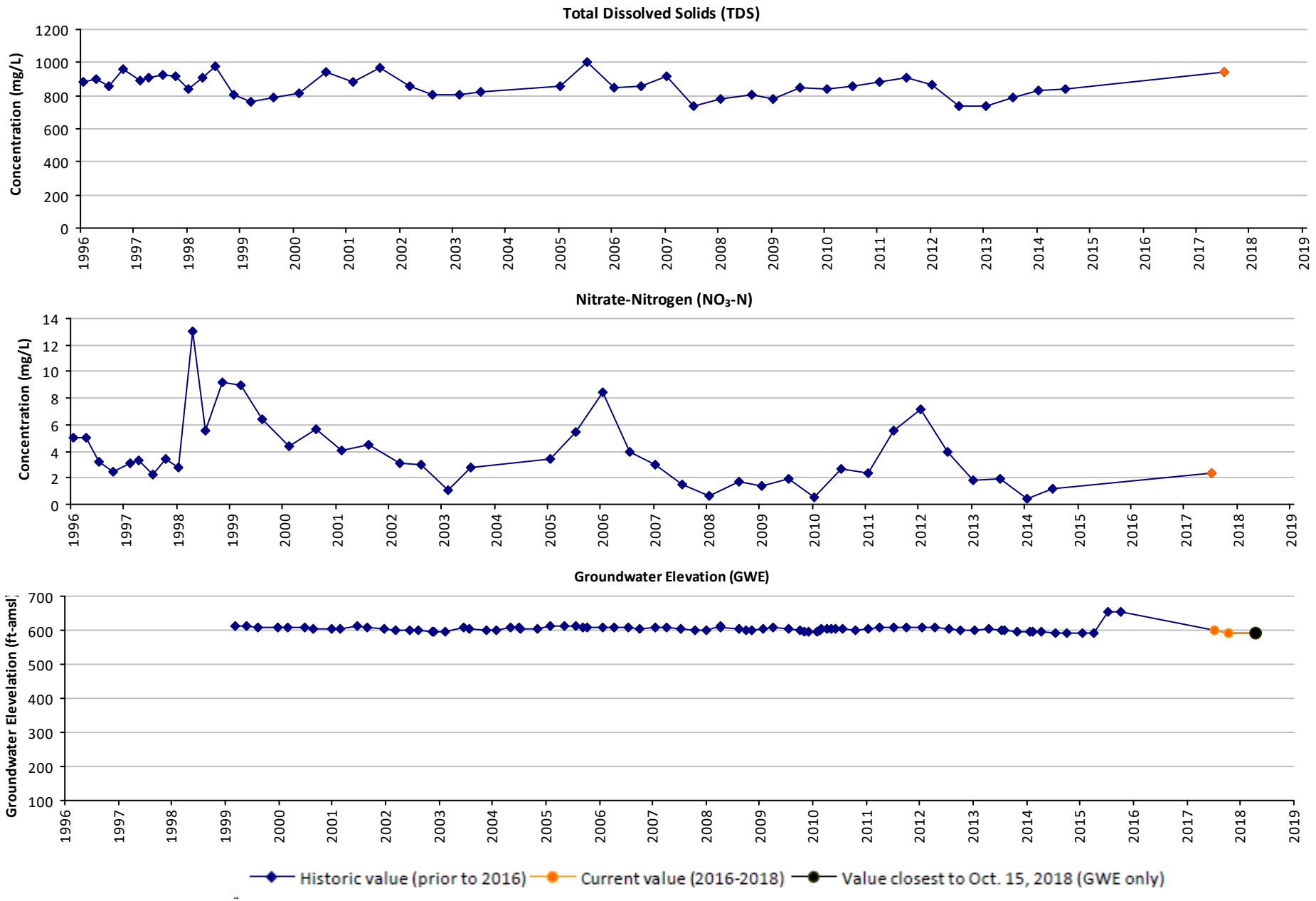

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

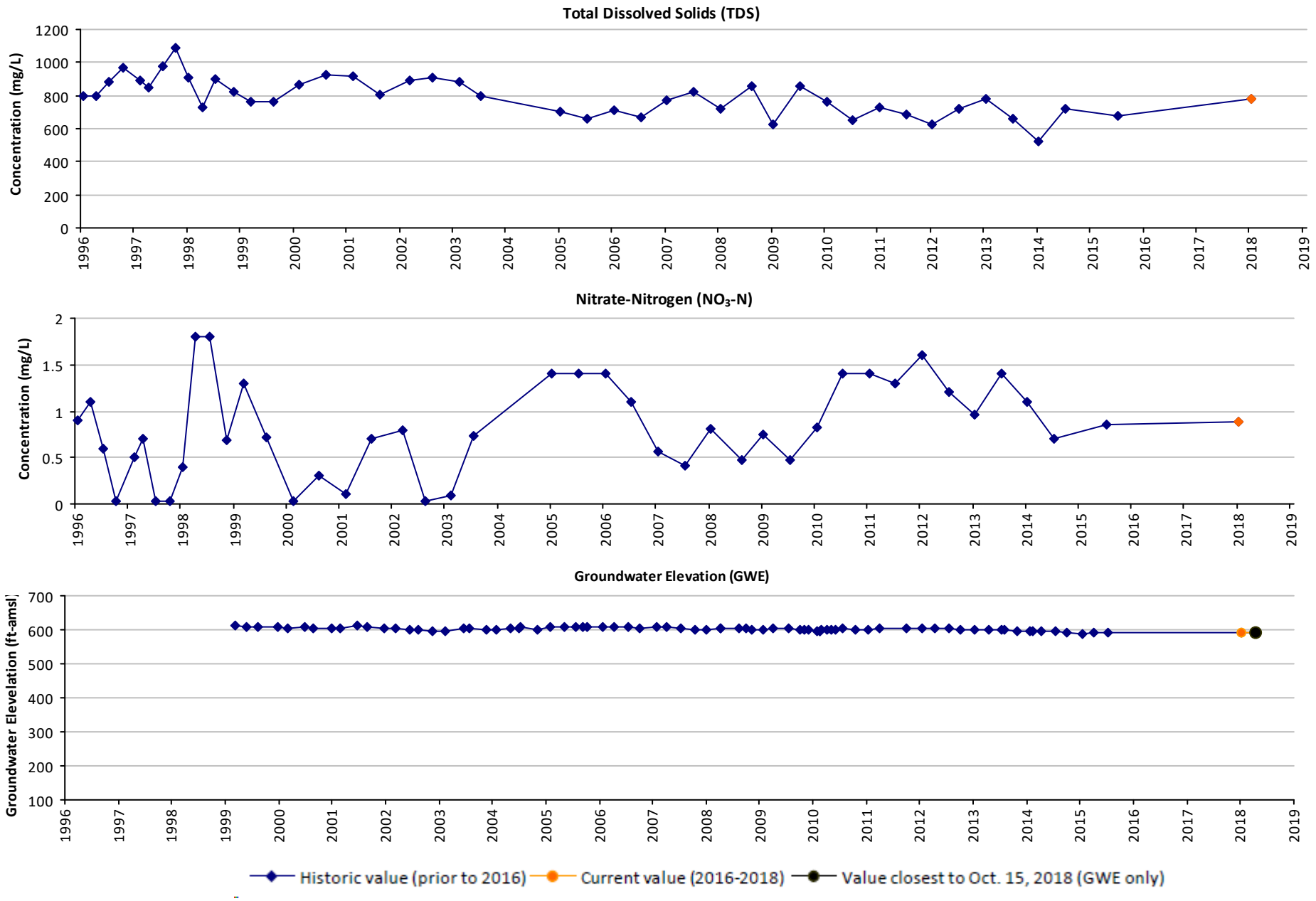

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

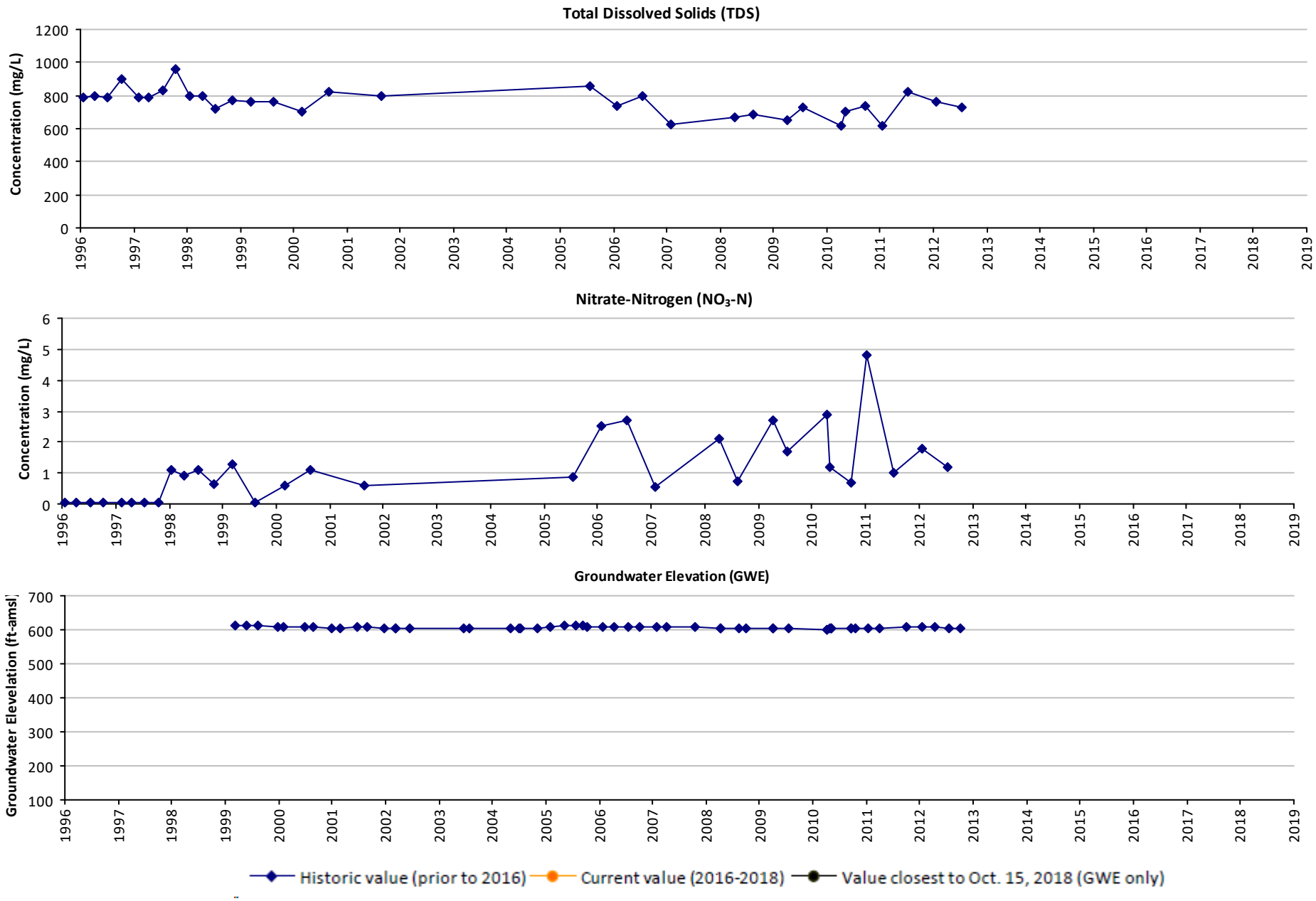

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

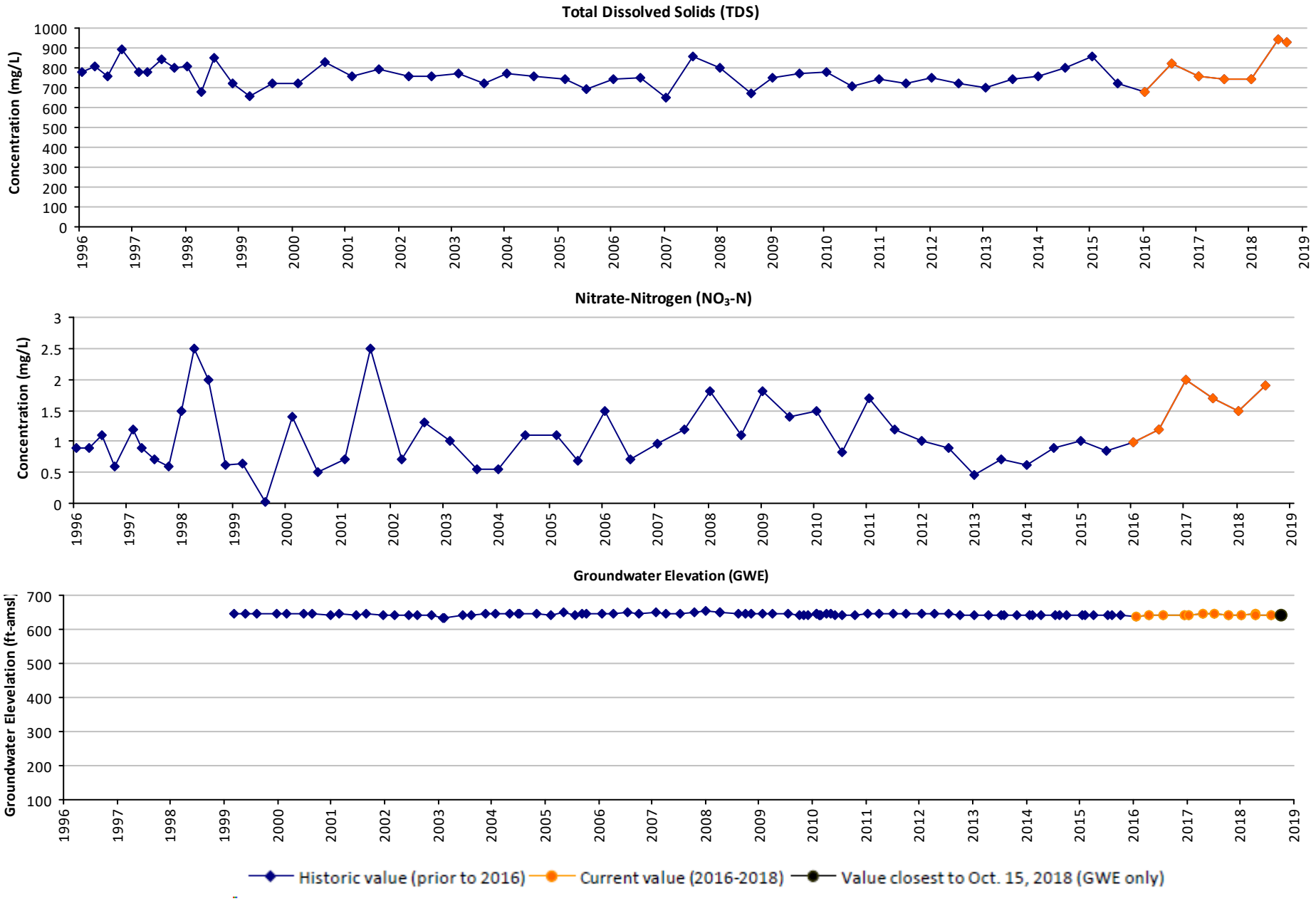

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

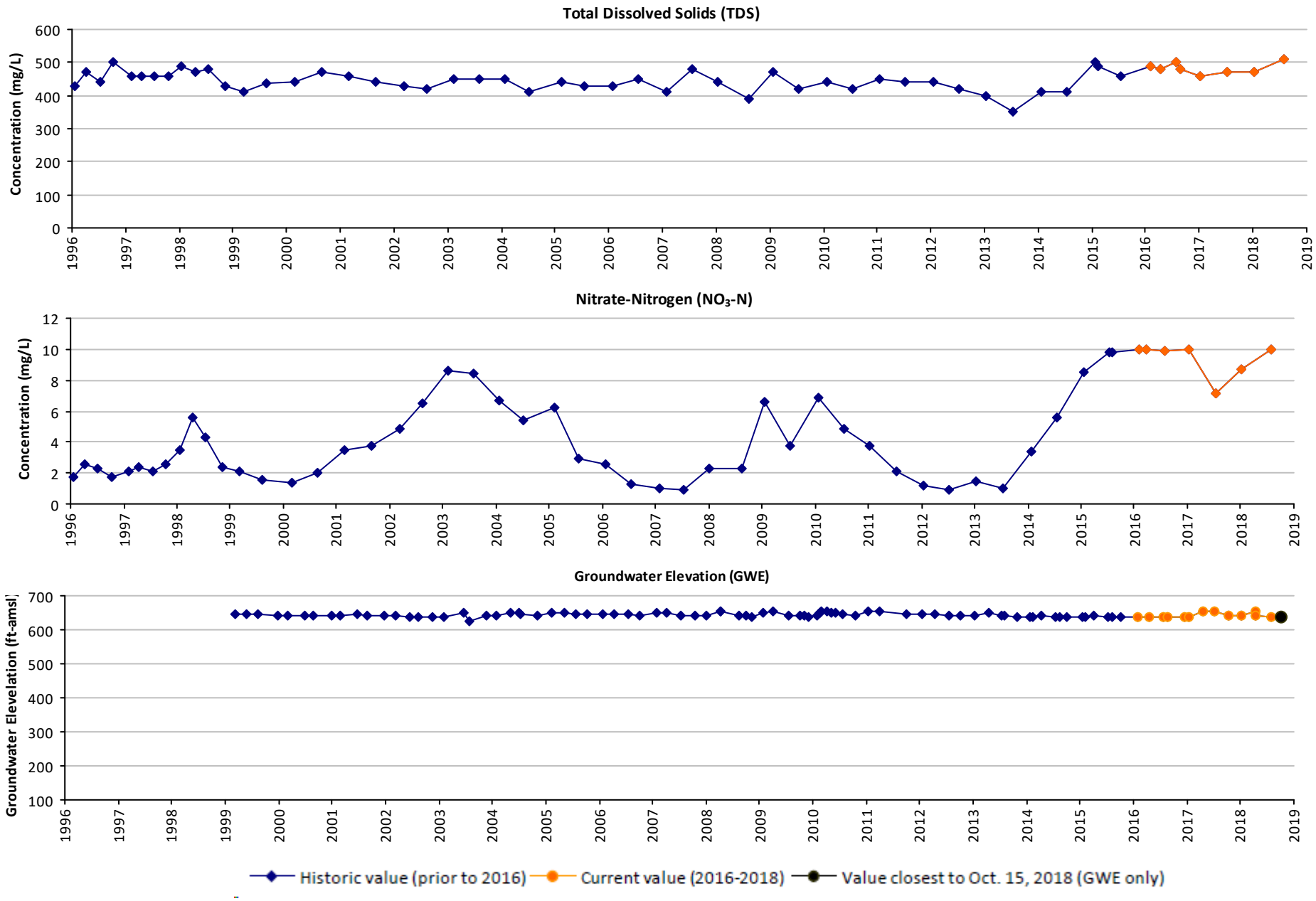

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

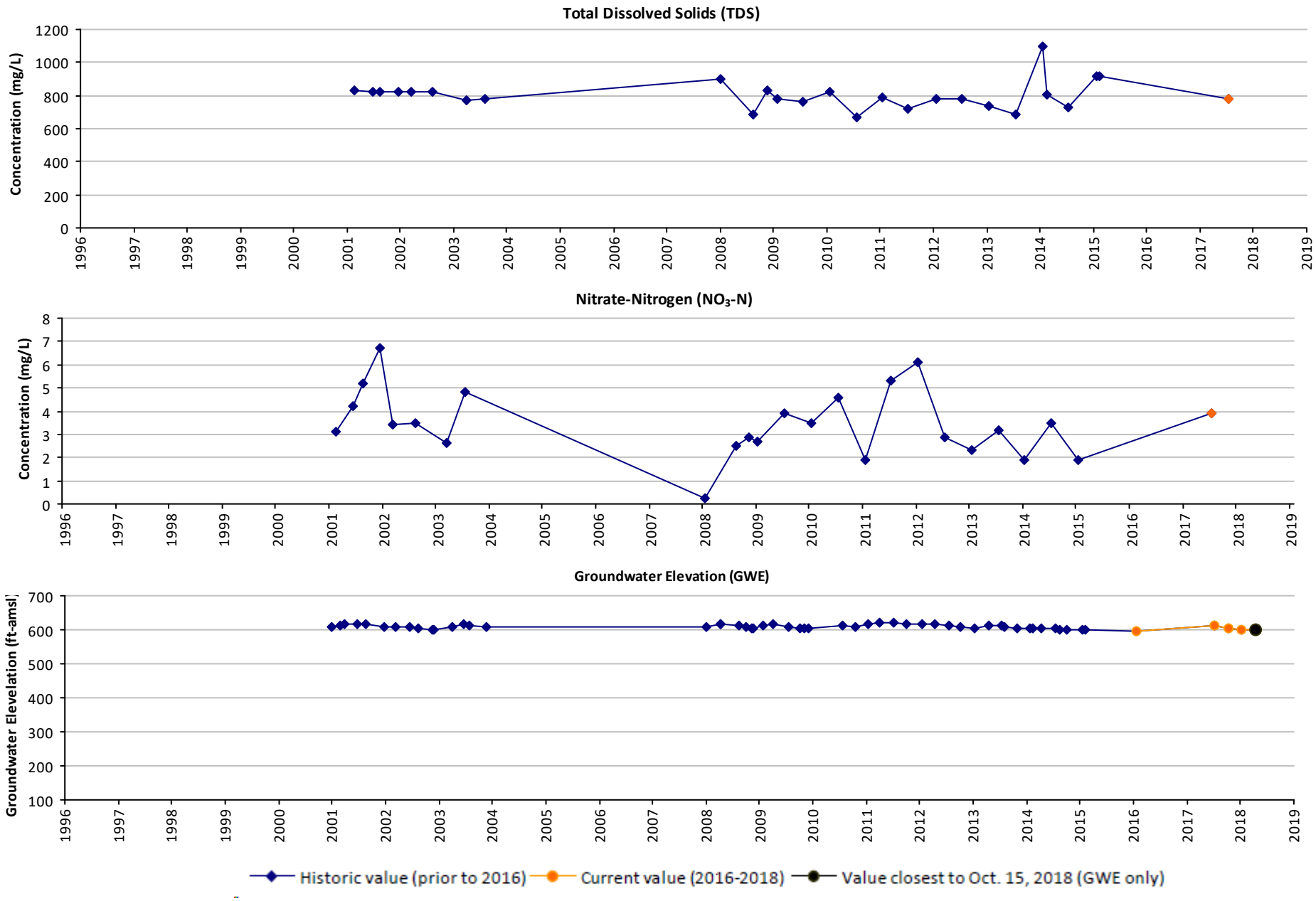

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

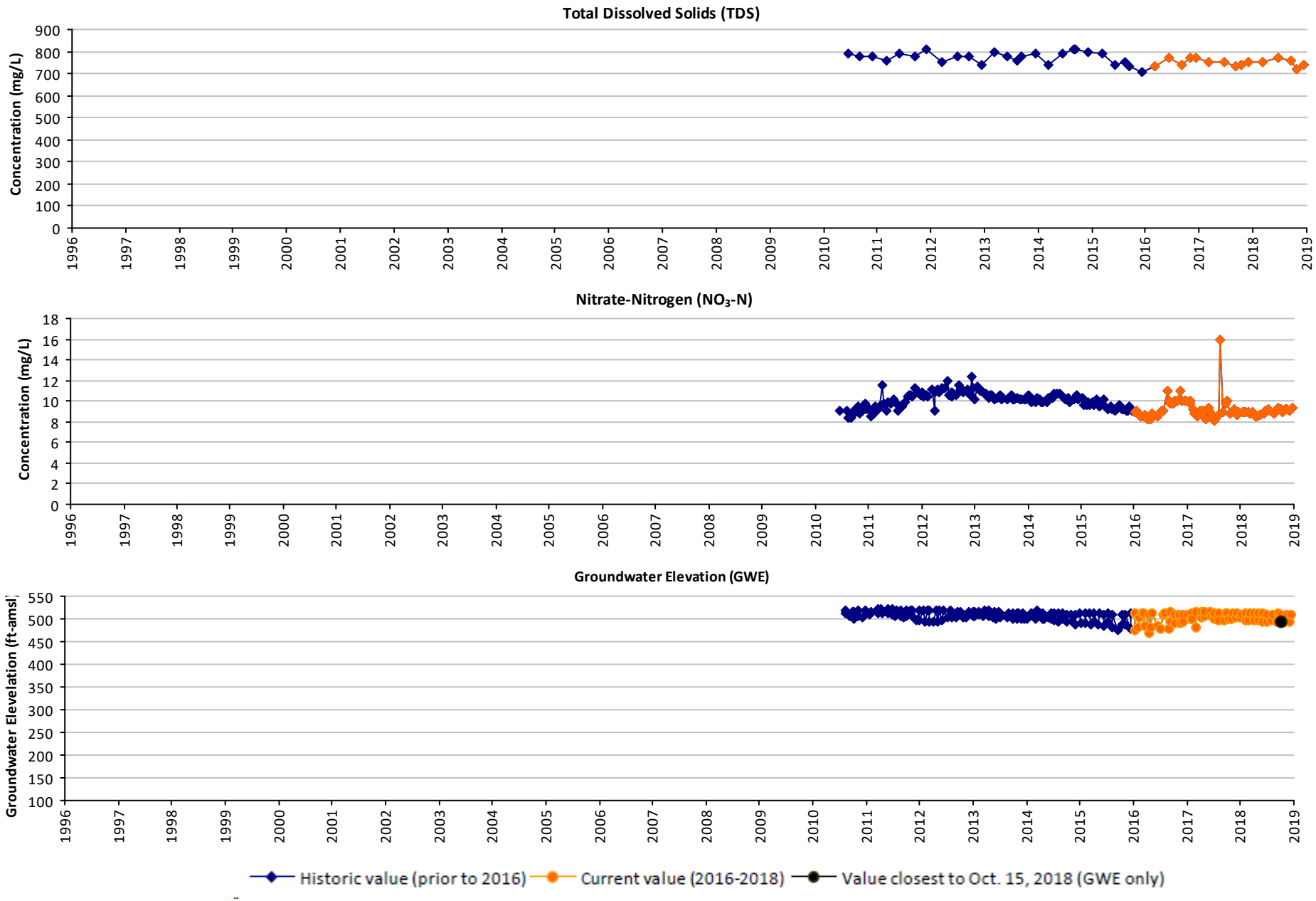

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

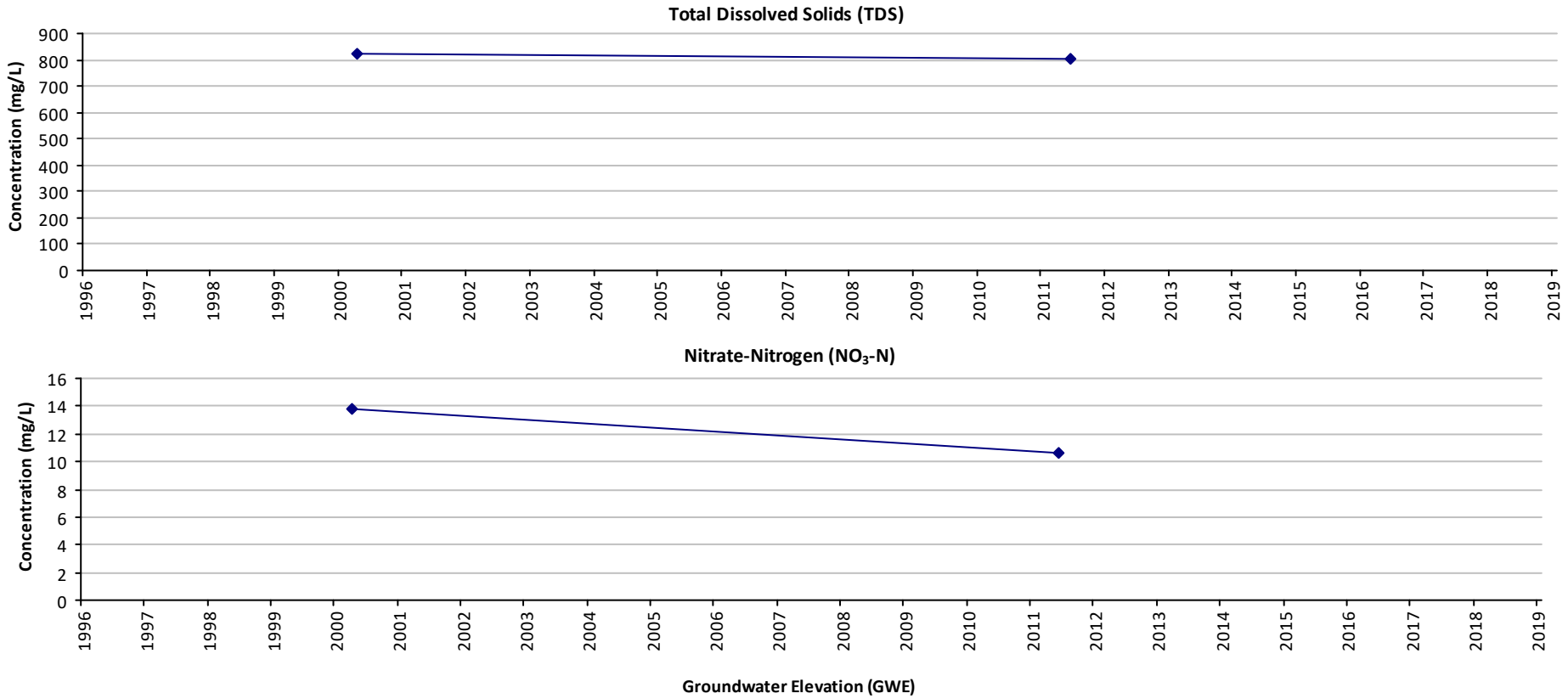

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
100
200
300
400
500
600
700
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

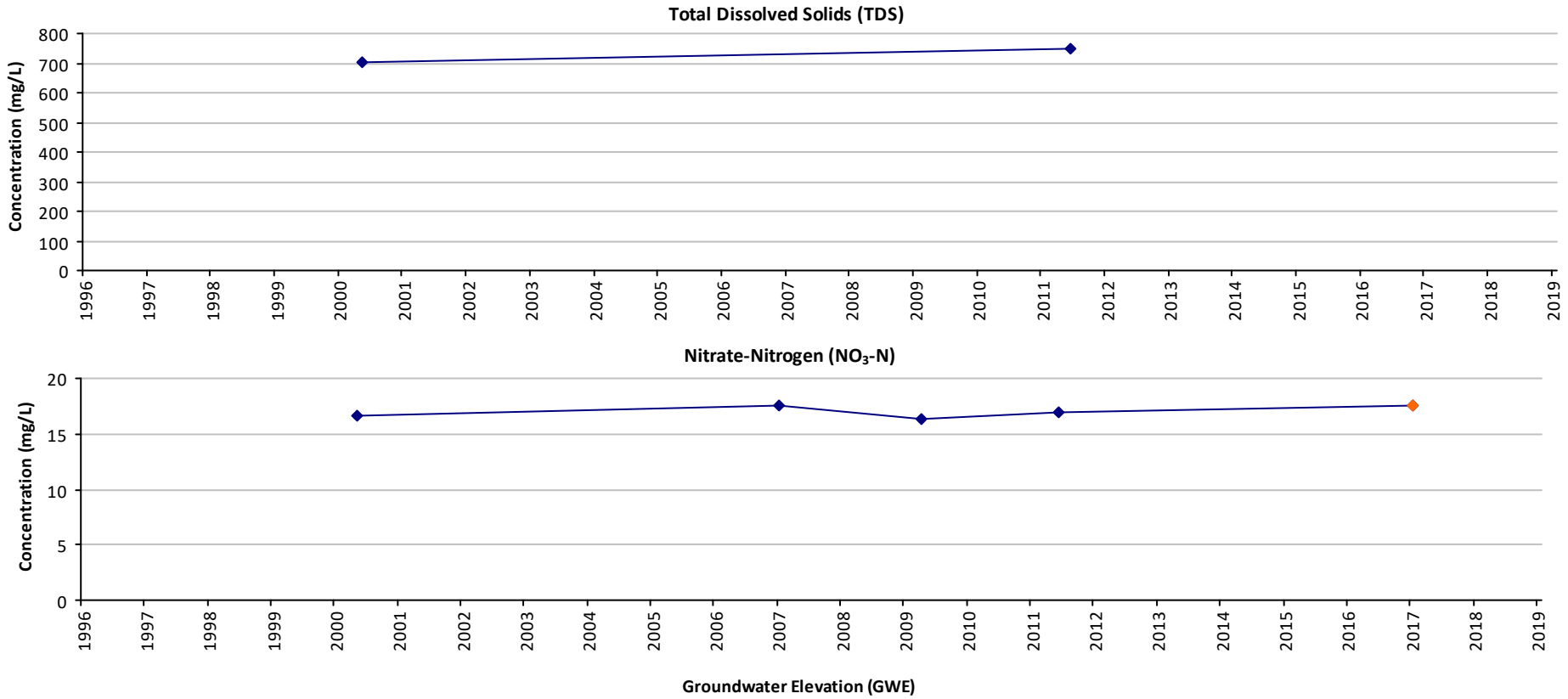

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

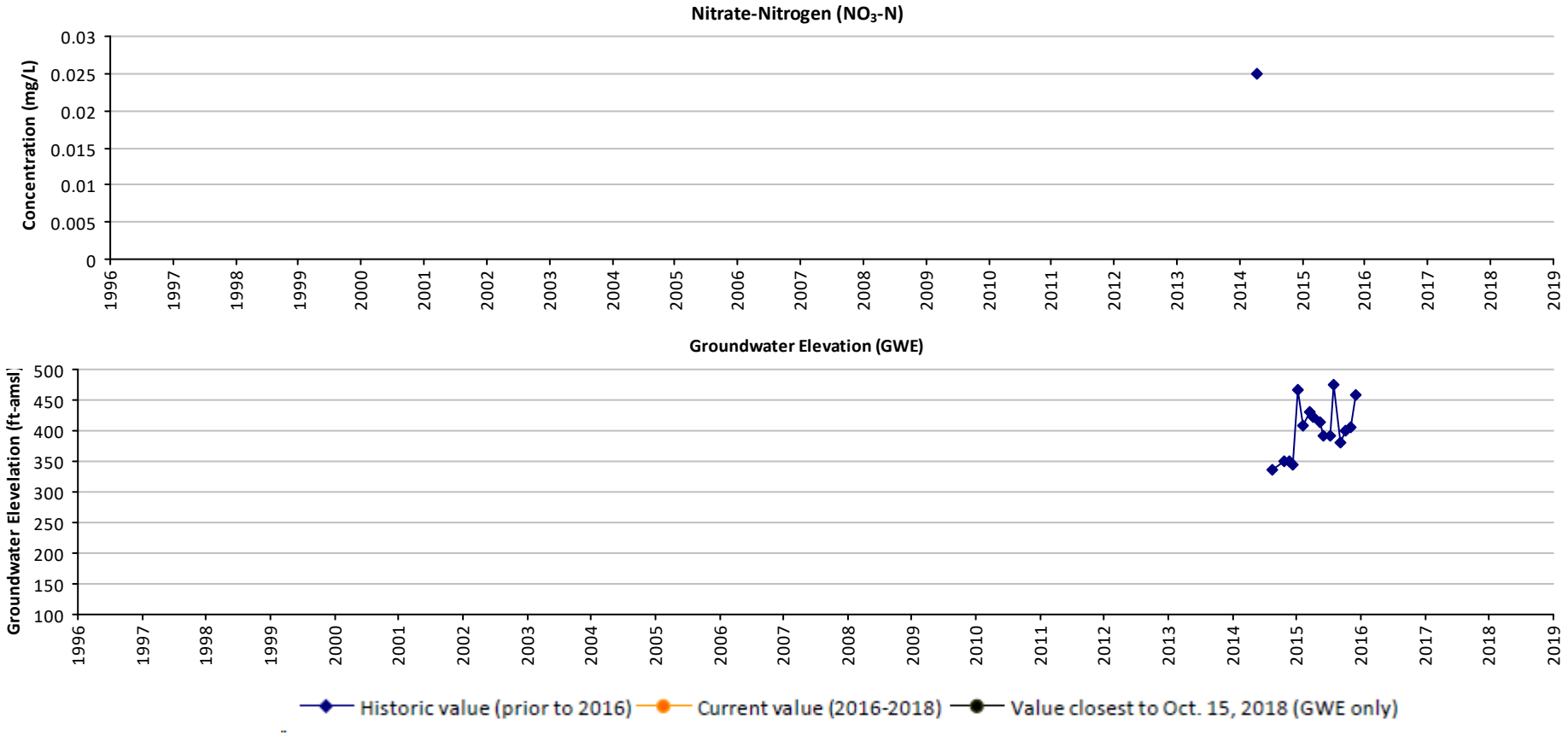

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

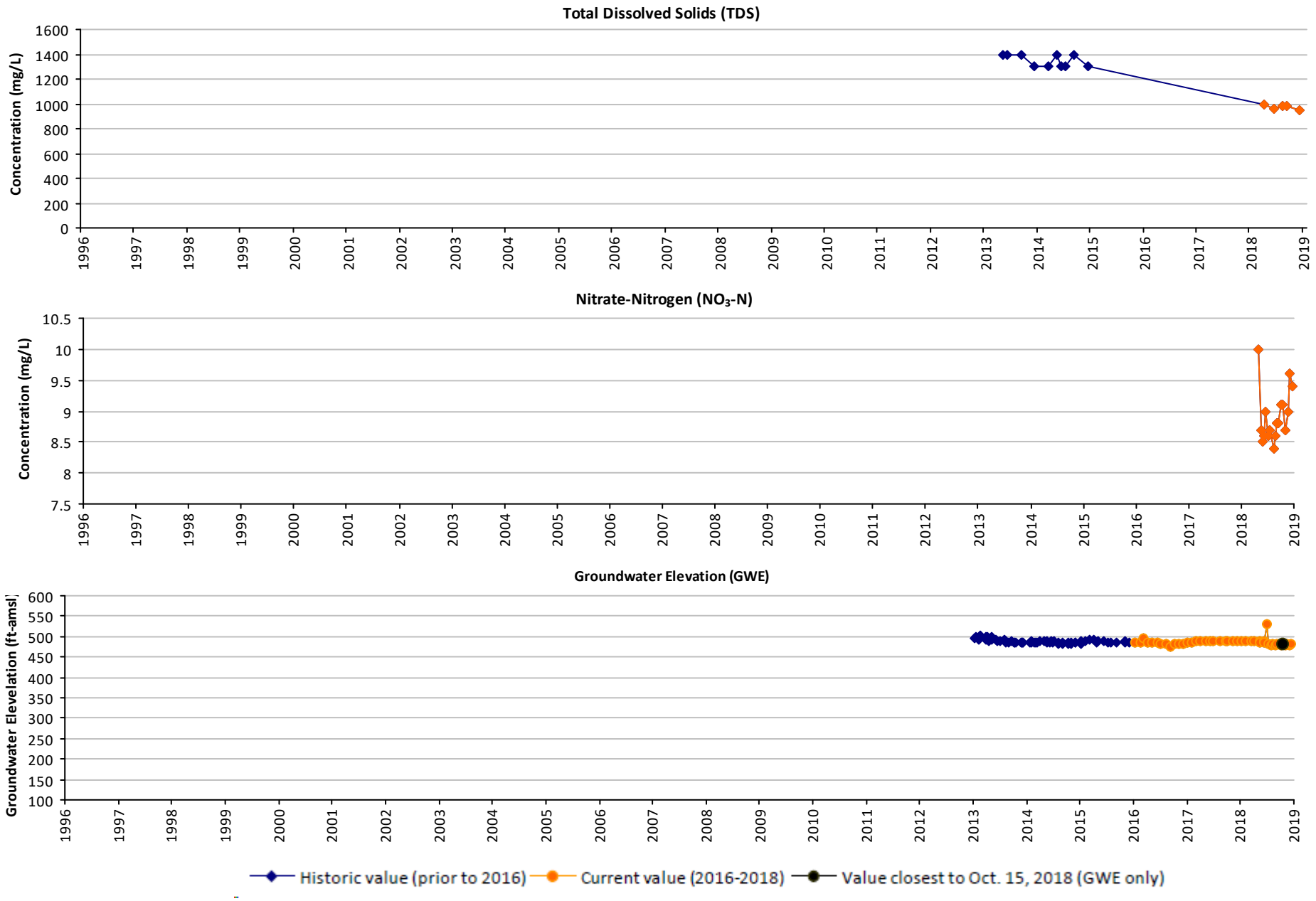

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

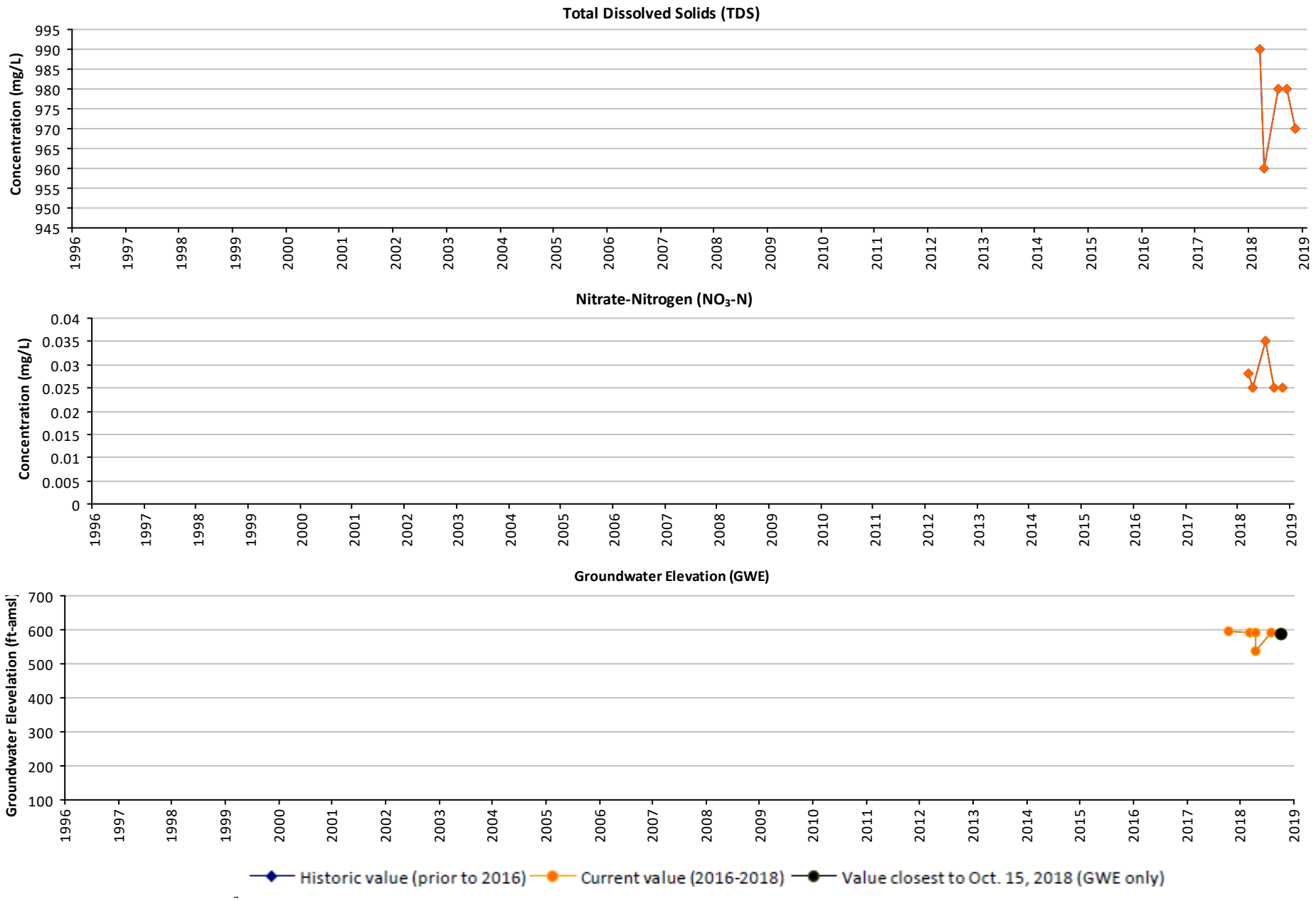

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

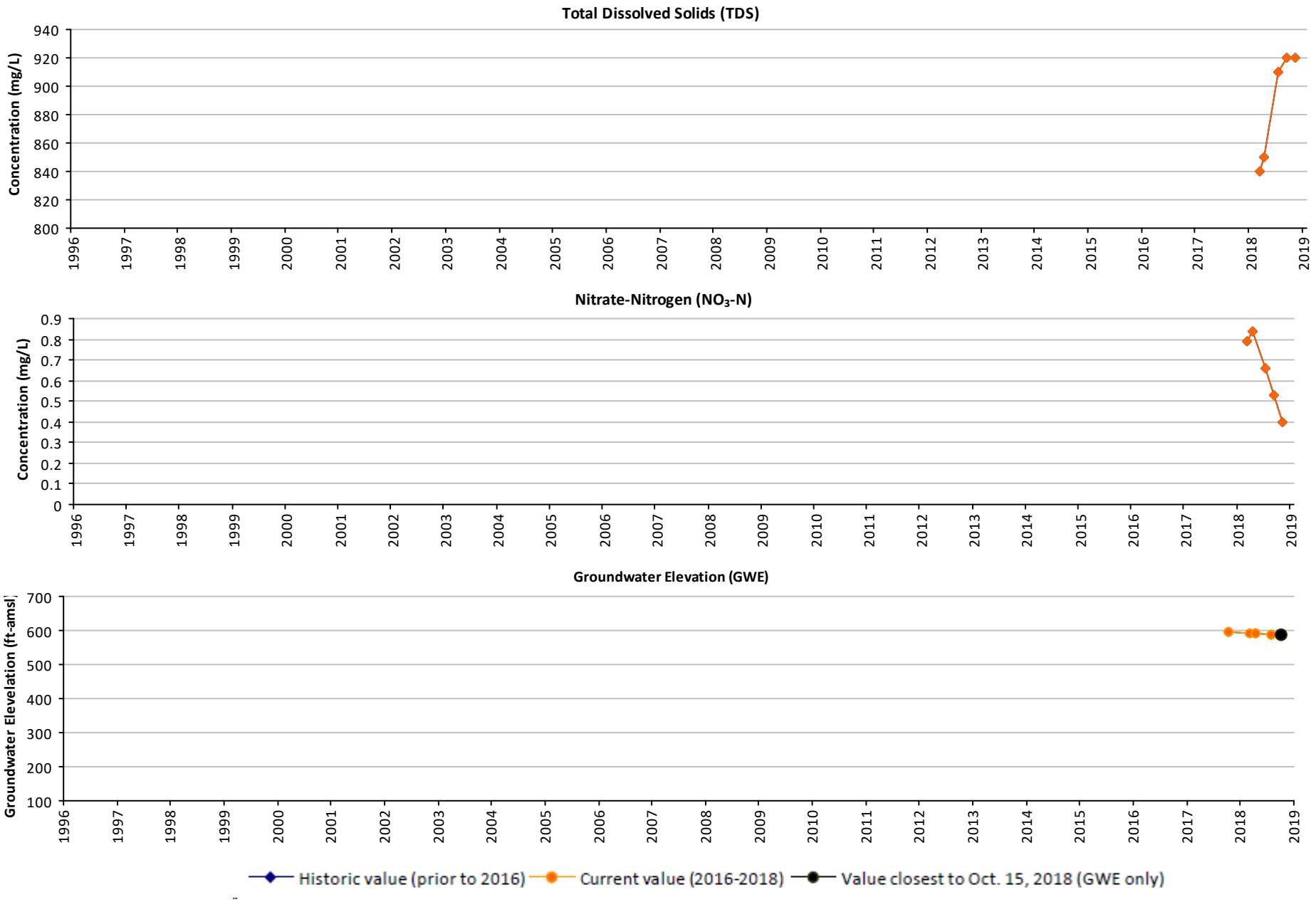

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
20
15
10
5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

Total Dissolved Solids (TDS)



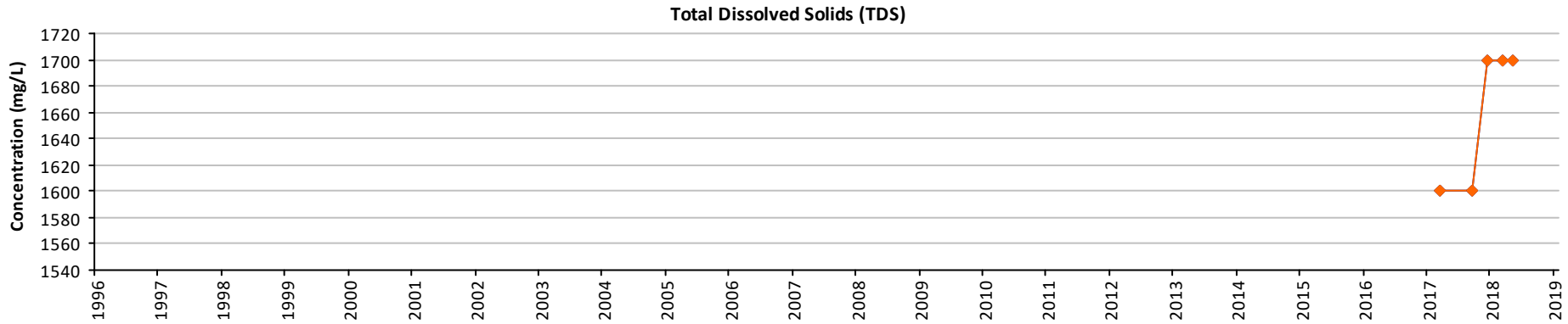

Total Dissolved Solids (TDS)
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10.5
10
9.5
9
8.5
8
7.5
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
600
550
500
450
400
350
300
250
200
150
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

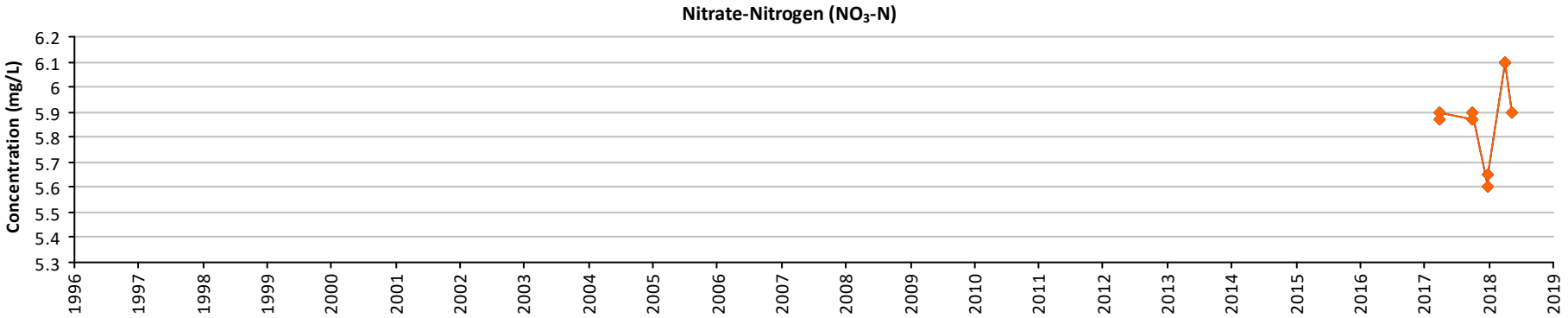

Total Dissolved Solids (TDS)
Concentration (mg/L)
995
990
985
980
975
970
965
960
955
950
945
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

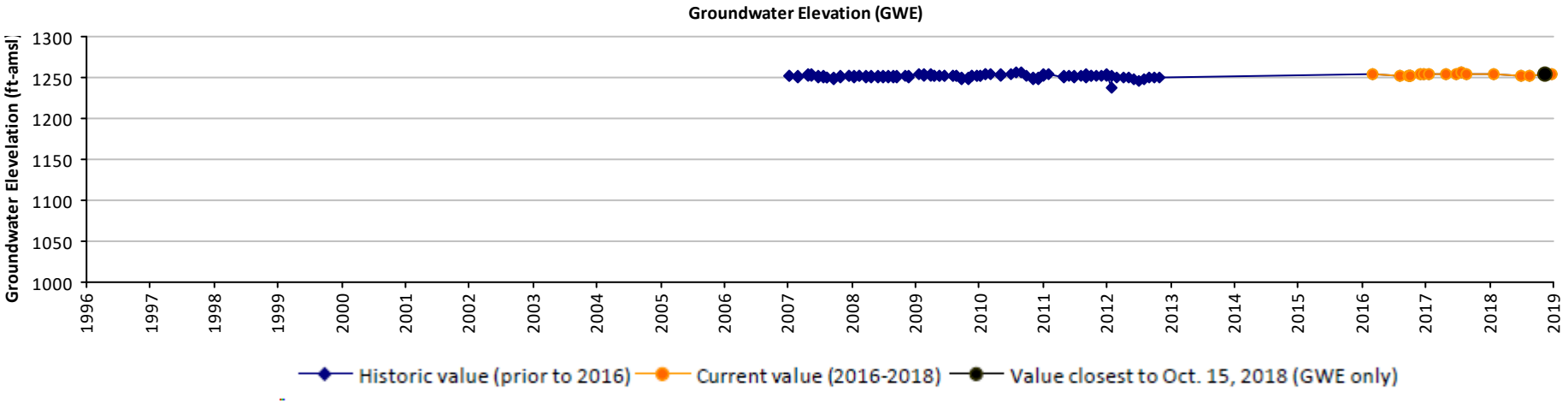

Total Dissolved Solids (TDS)
Concentration (mg/L)
940
920
900
880
860
840
820
800
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
700
600
500
400
300
200
100
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

1999-2018 Ambient Water Quality Recomputation
Trend Charts for TDS, Nitrate-Nitrogen, and Groundwater

Well ID: 1232298
Management Zone: Warm Springs Valley

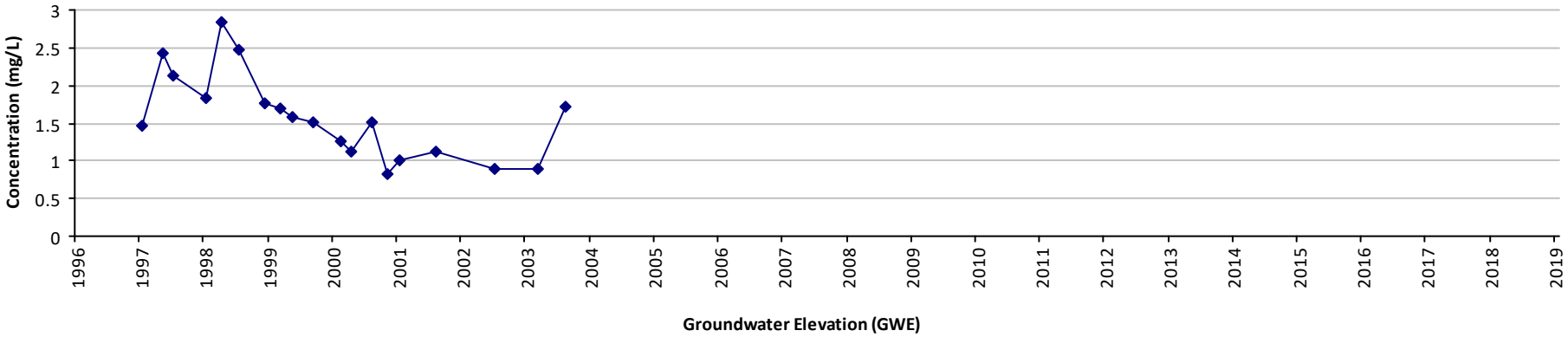




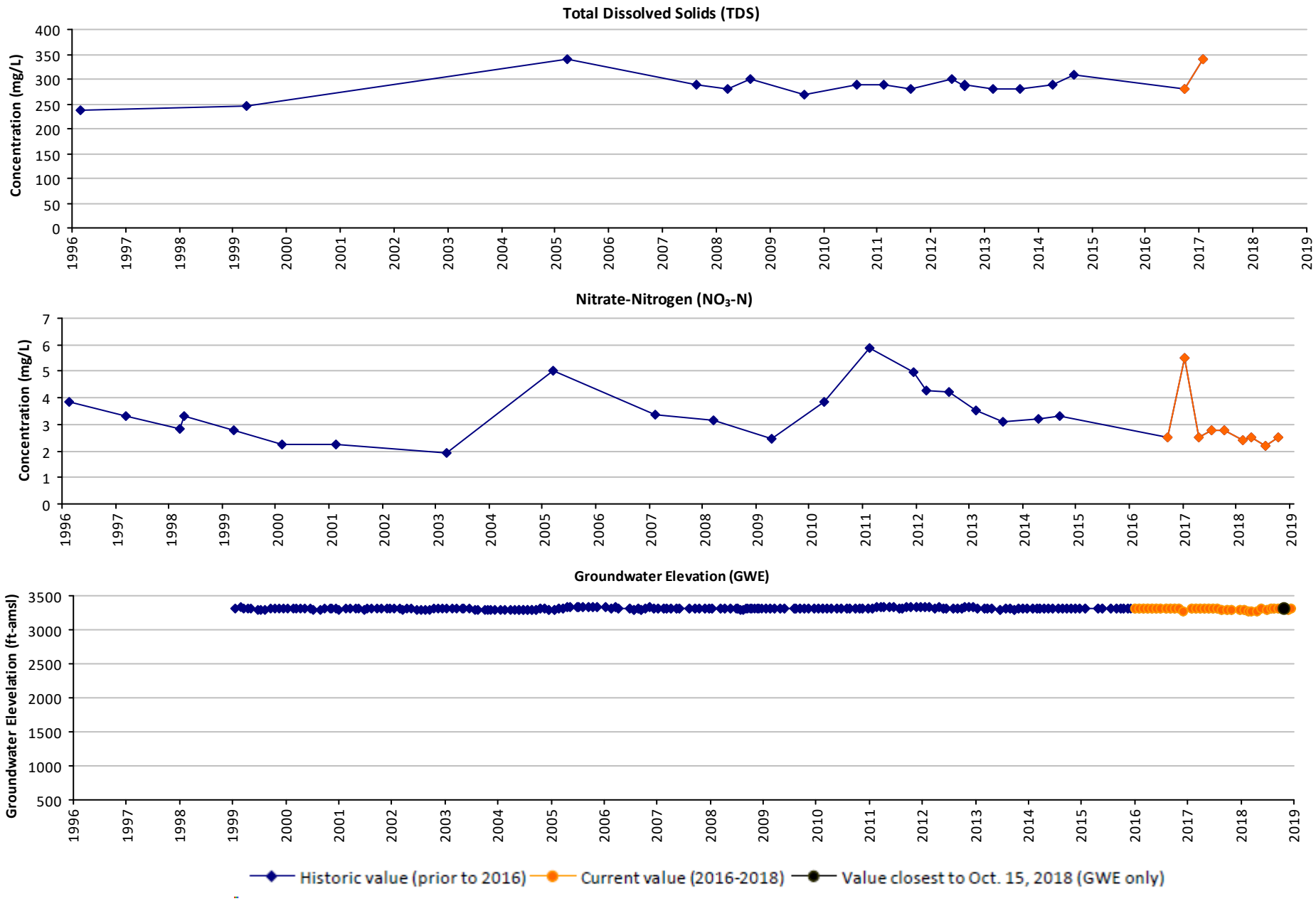


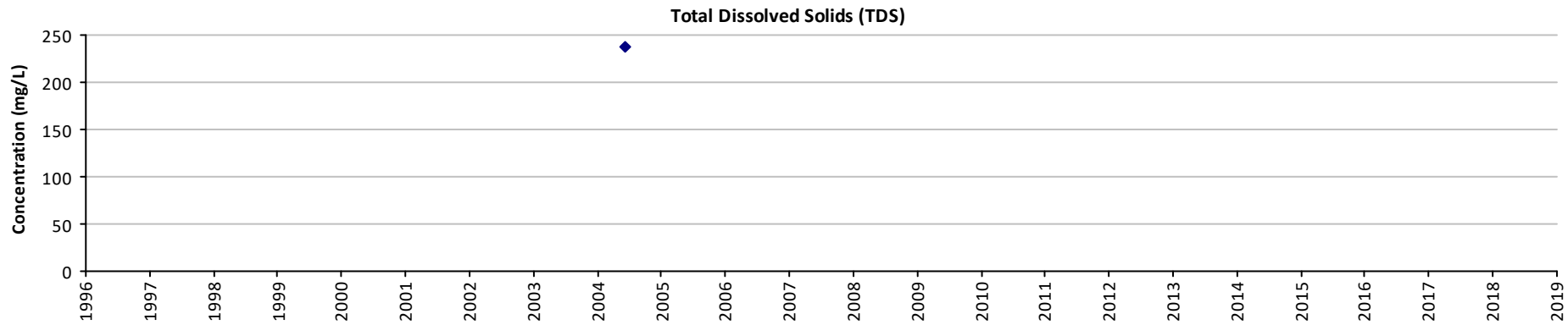
Total Dissolved Solids (TDS)

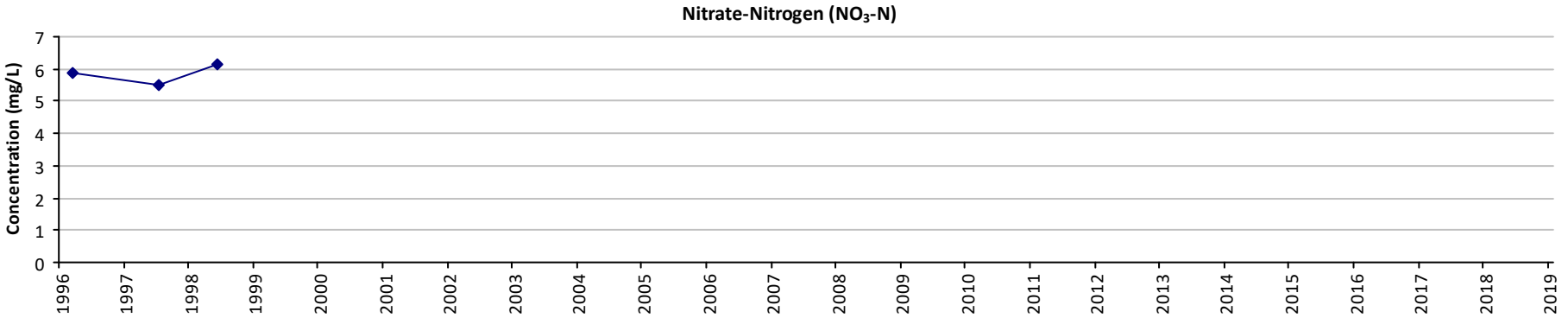
Nitrate-Nitrogen (NO_3-N)

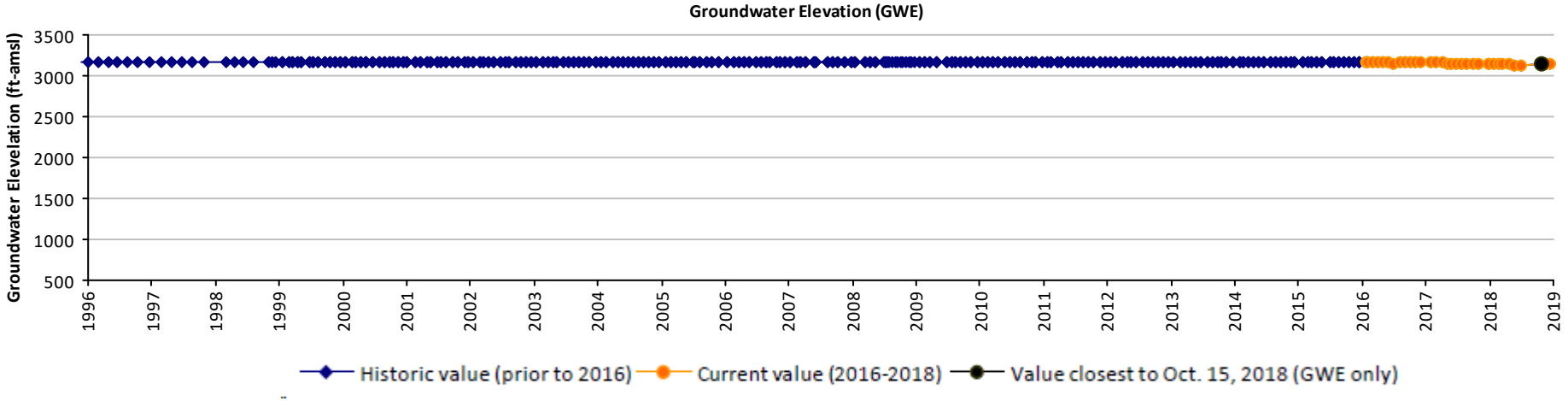


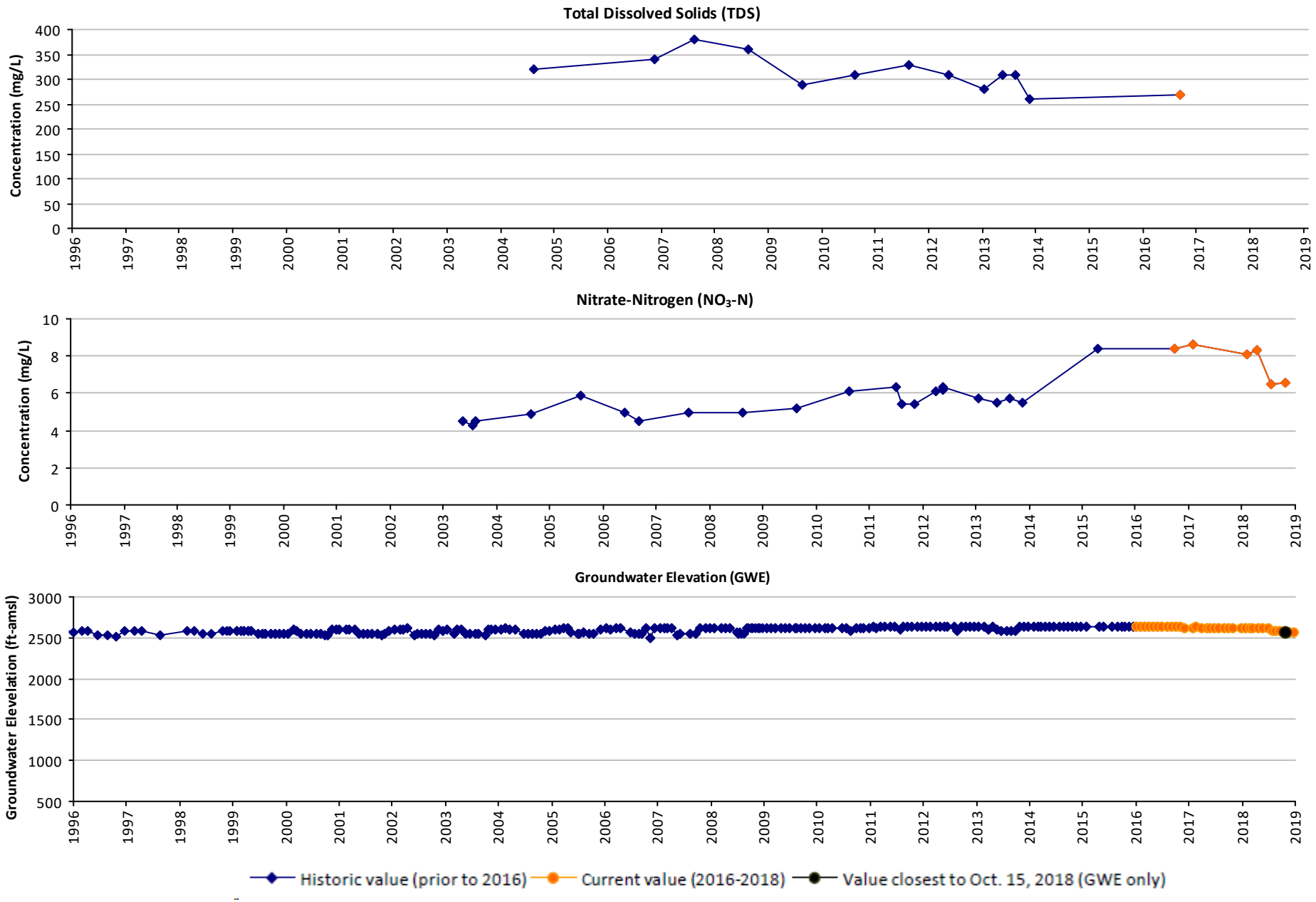
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

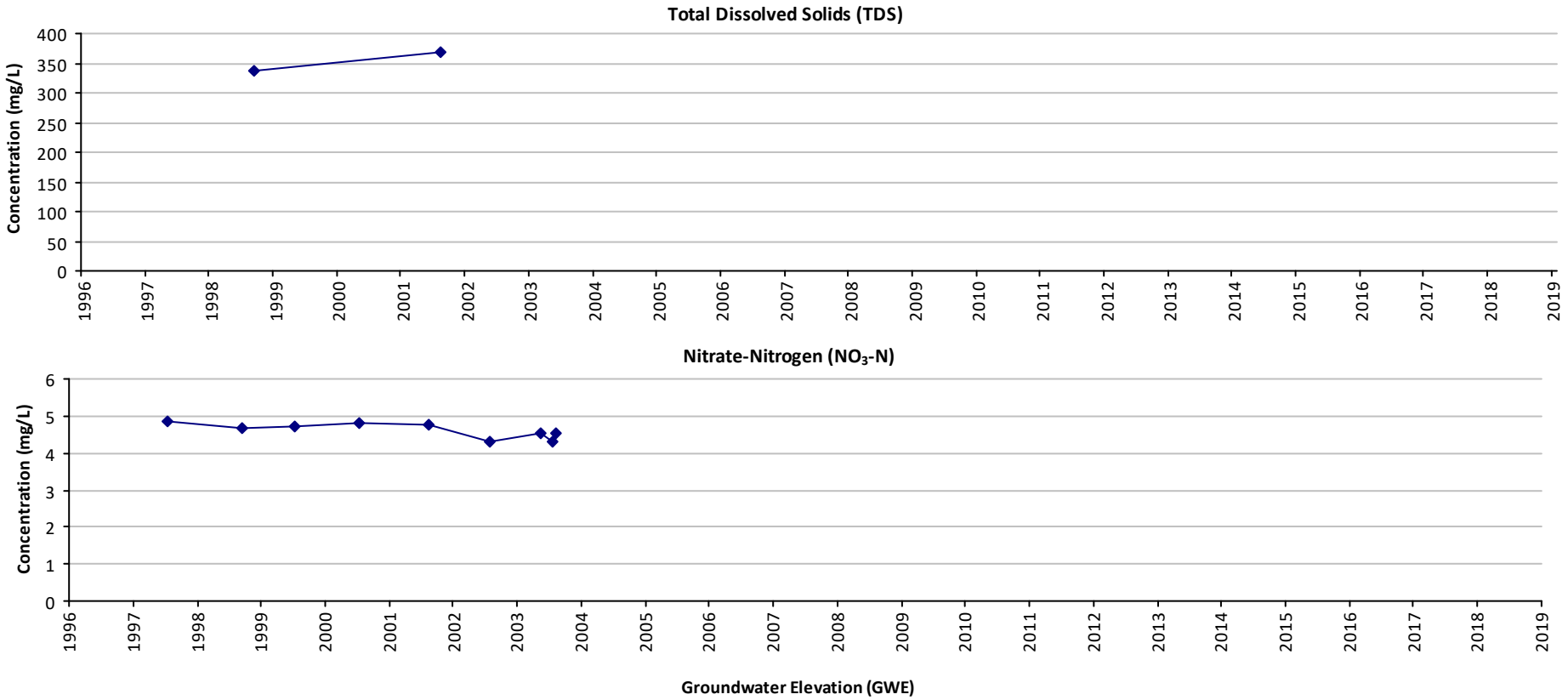

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

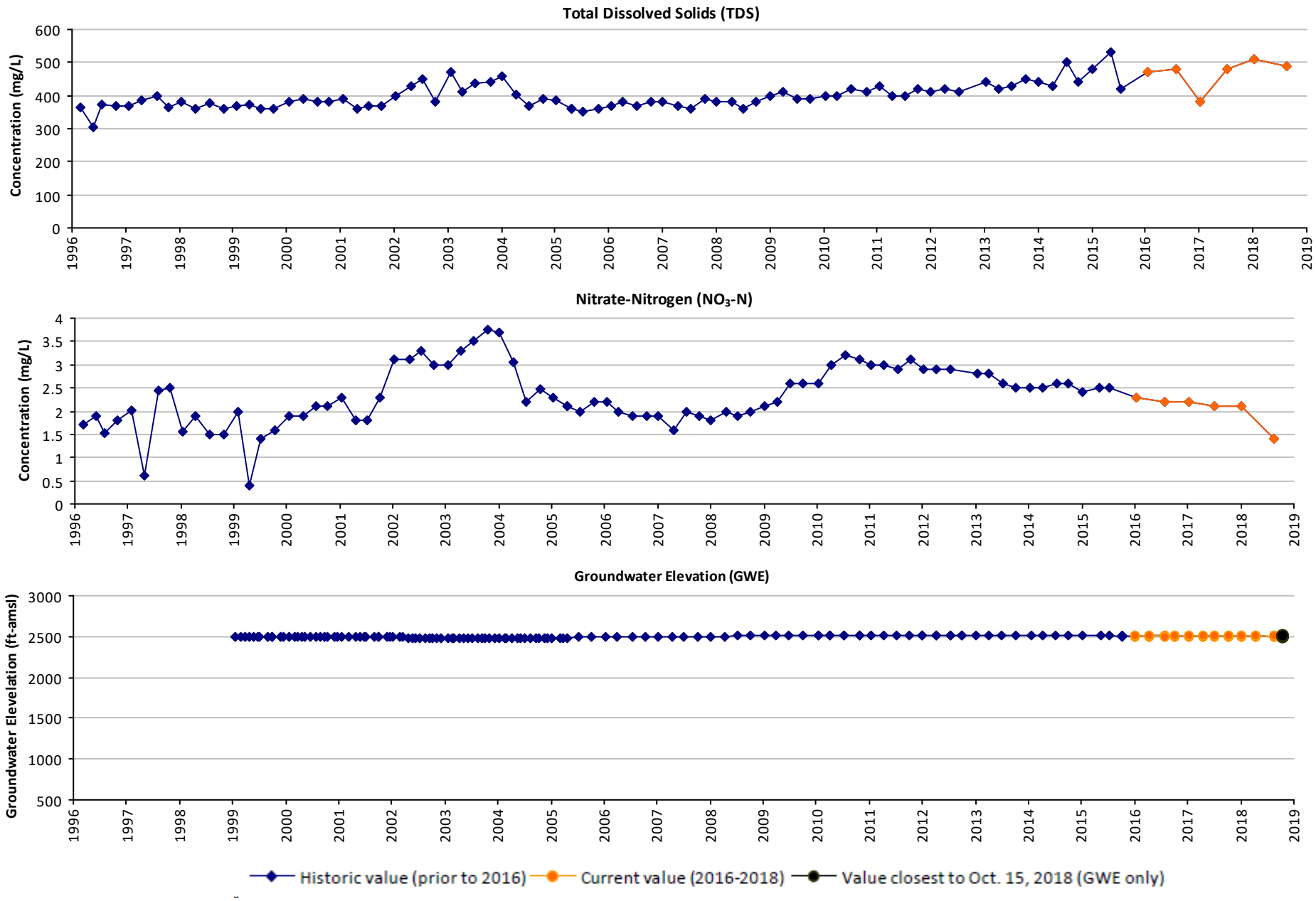

Total Dissolved Solids (TDS)
Concentration (mg/L)
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

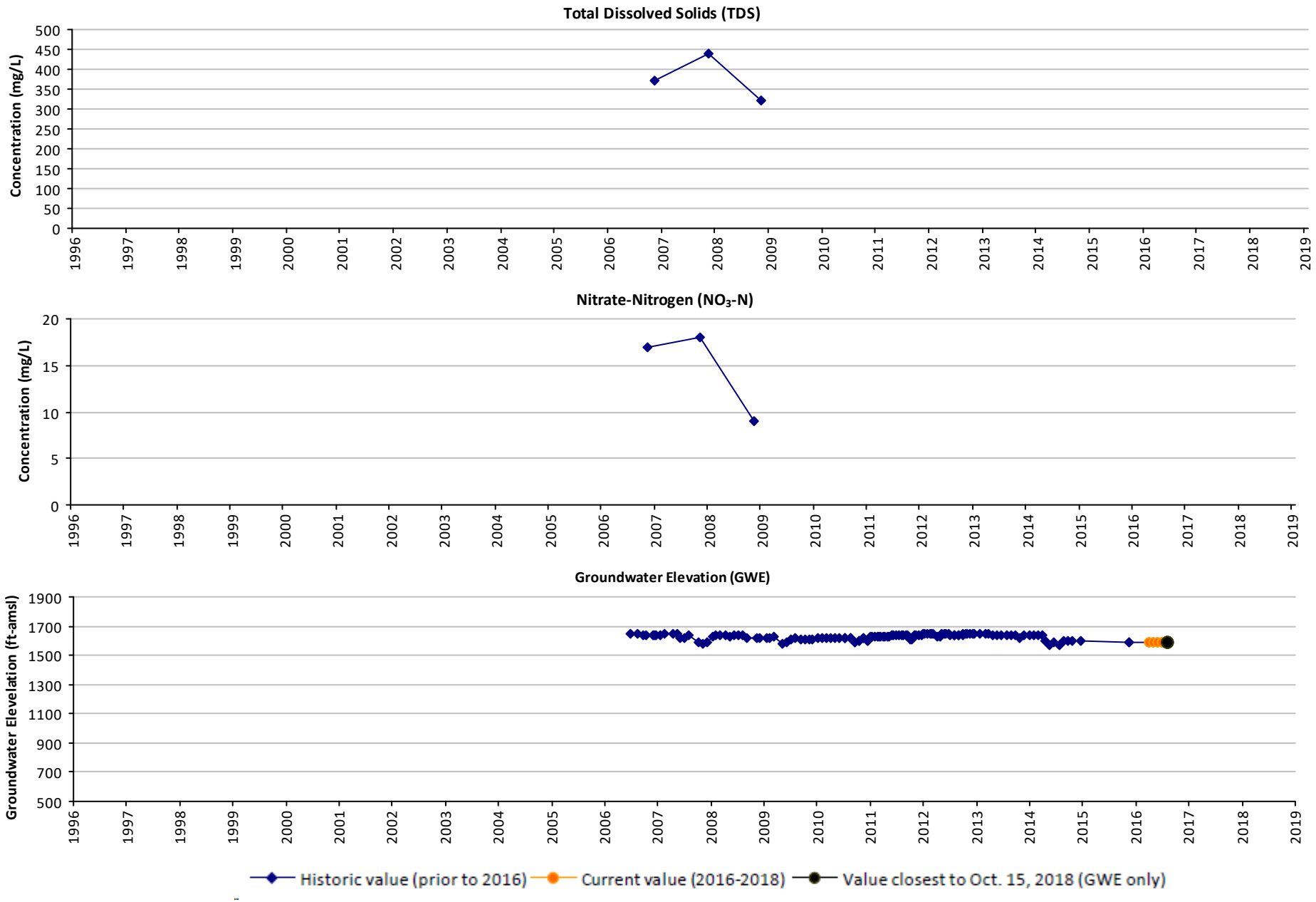

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

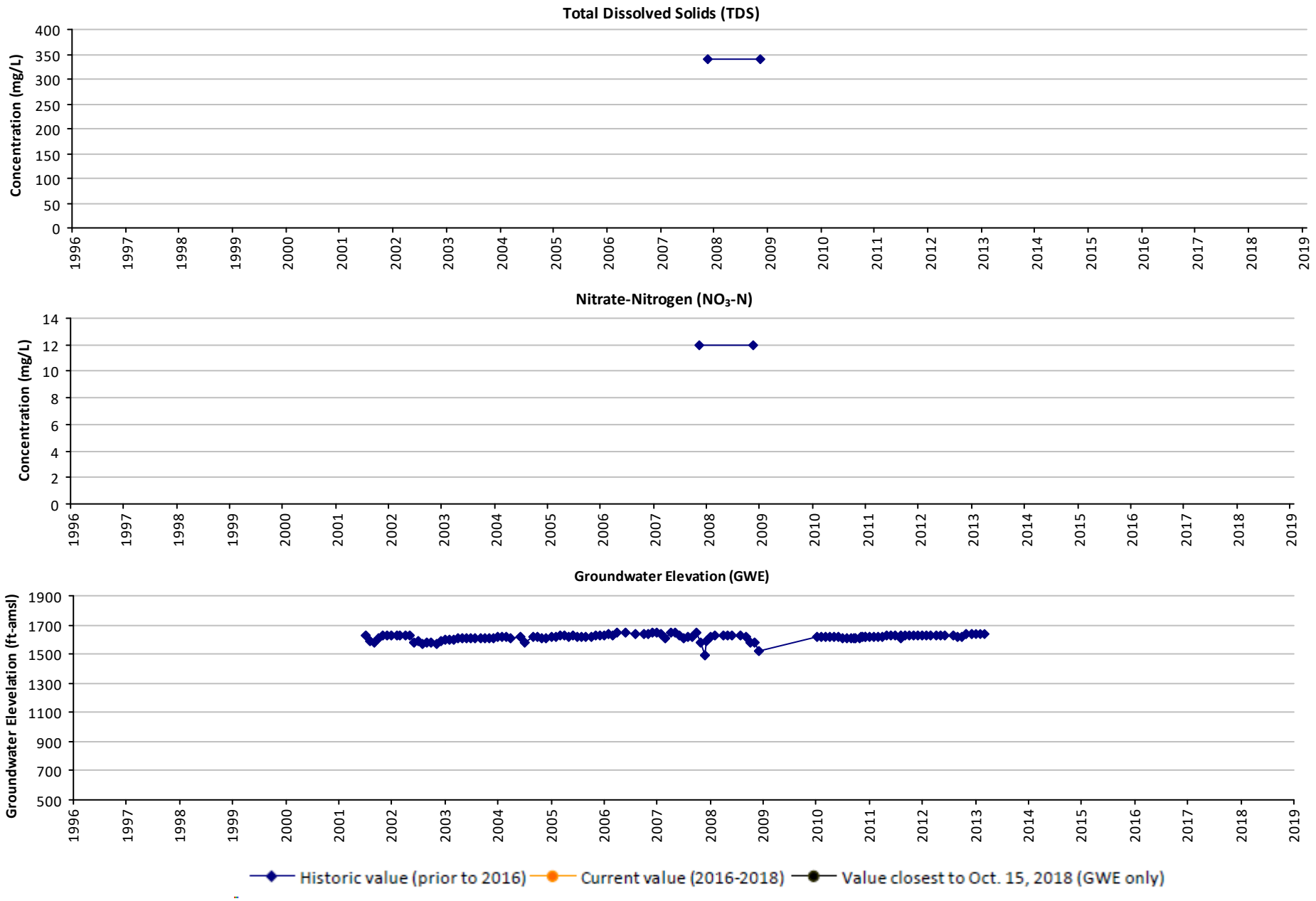

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
3500
3000
2500
2000
1500
1000
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

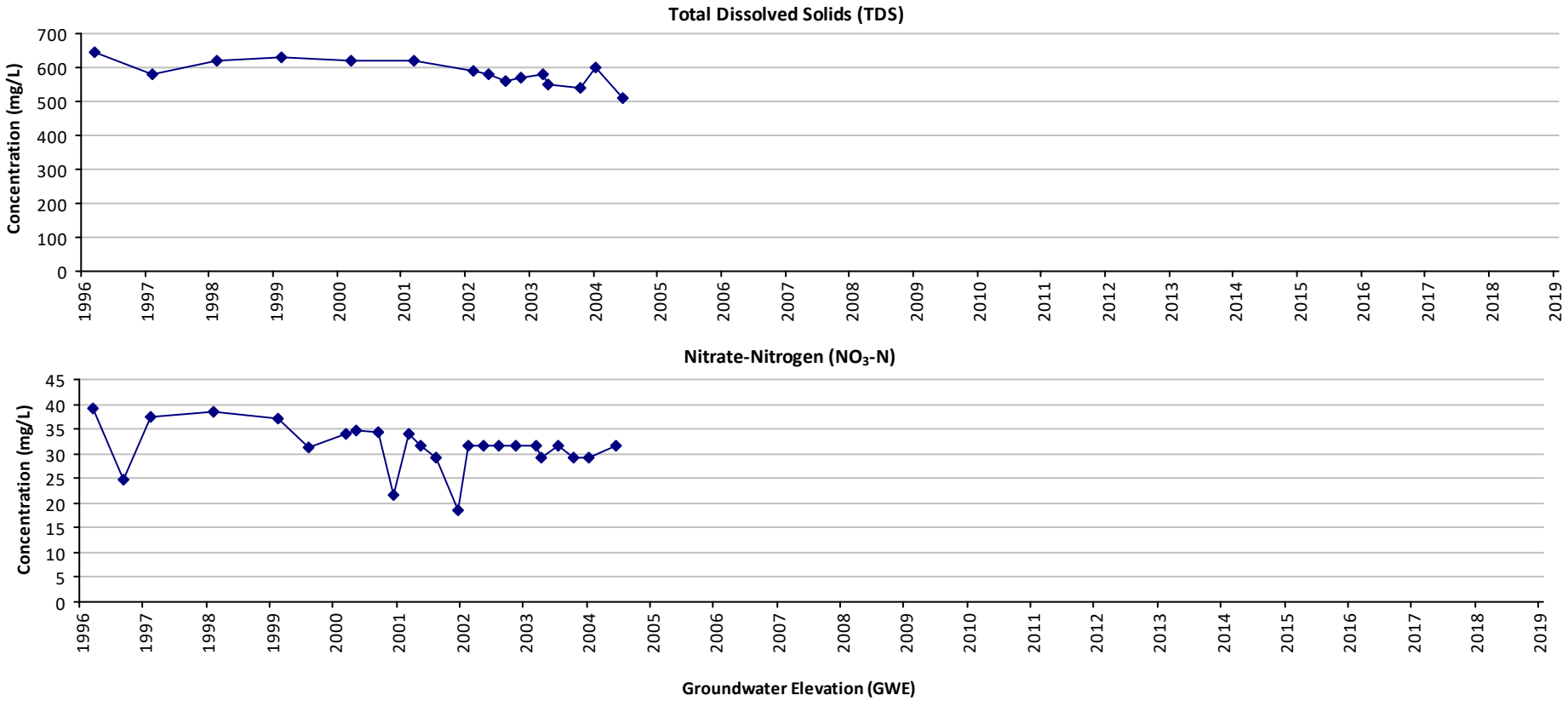

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

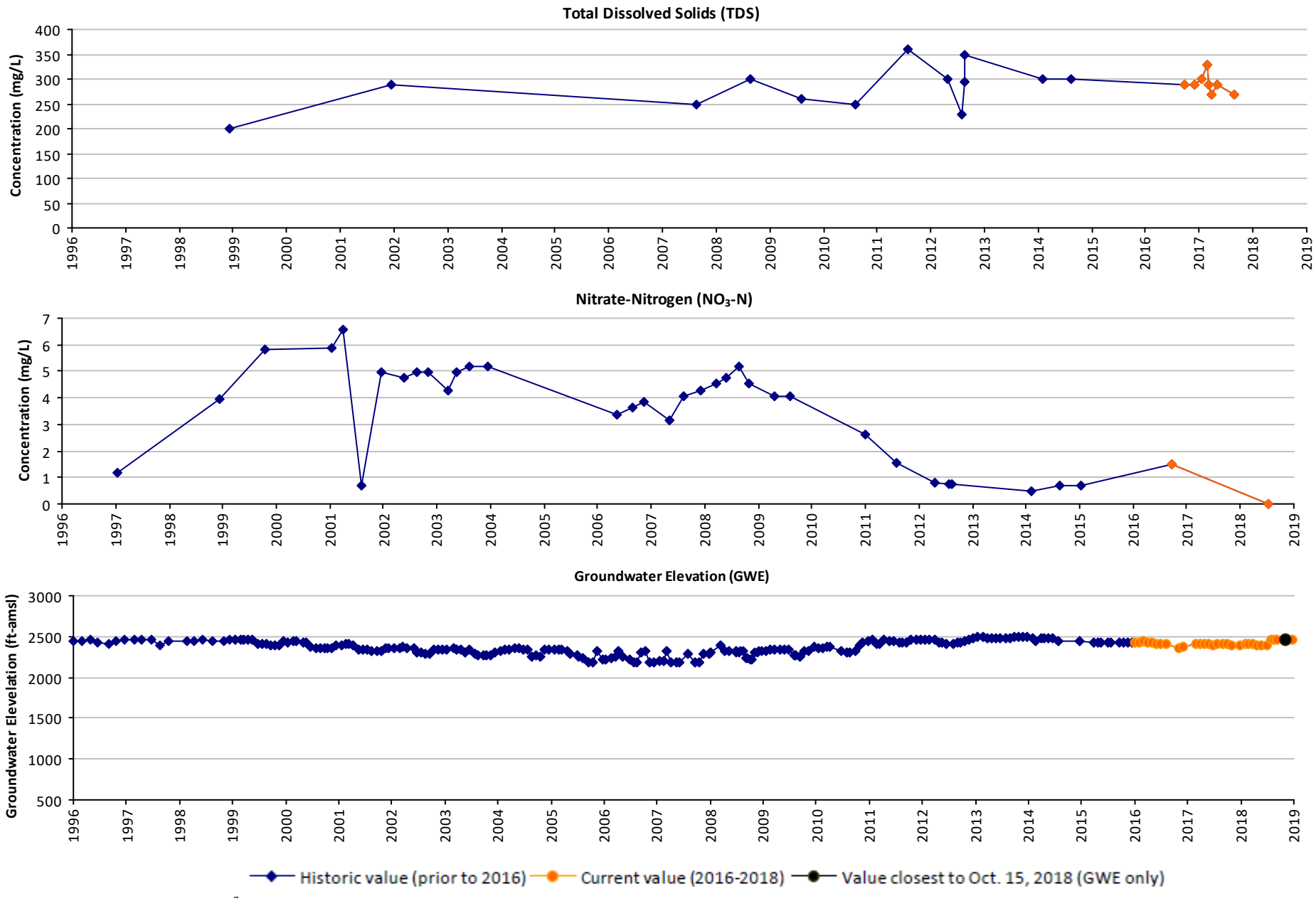

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

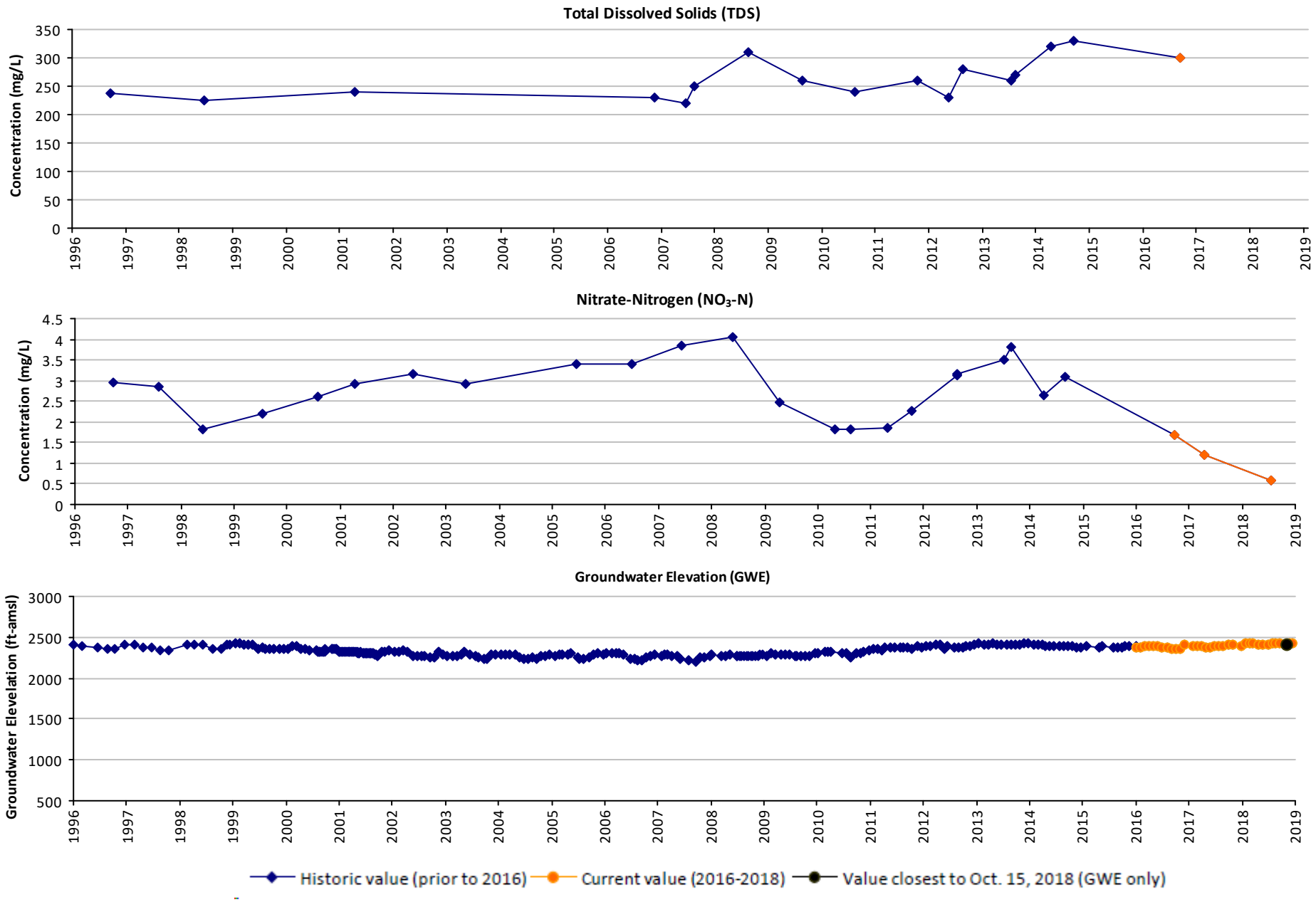

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

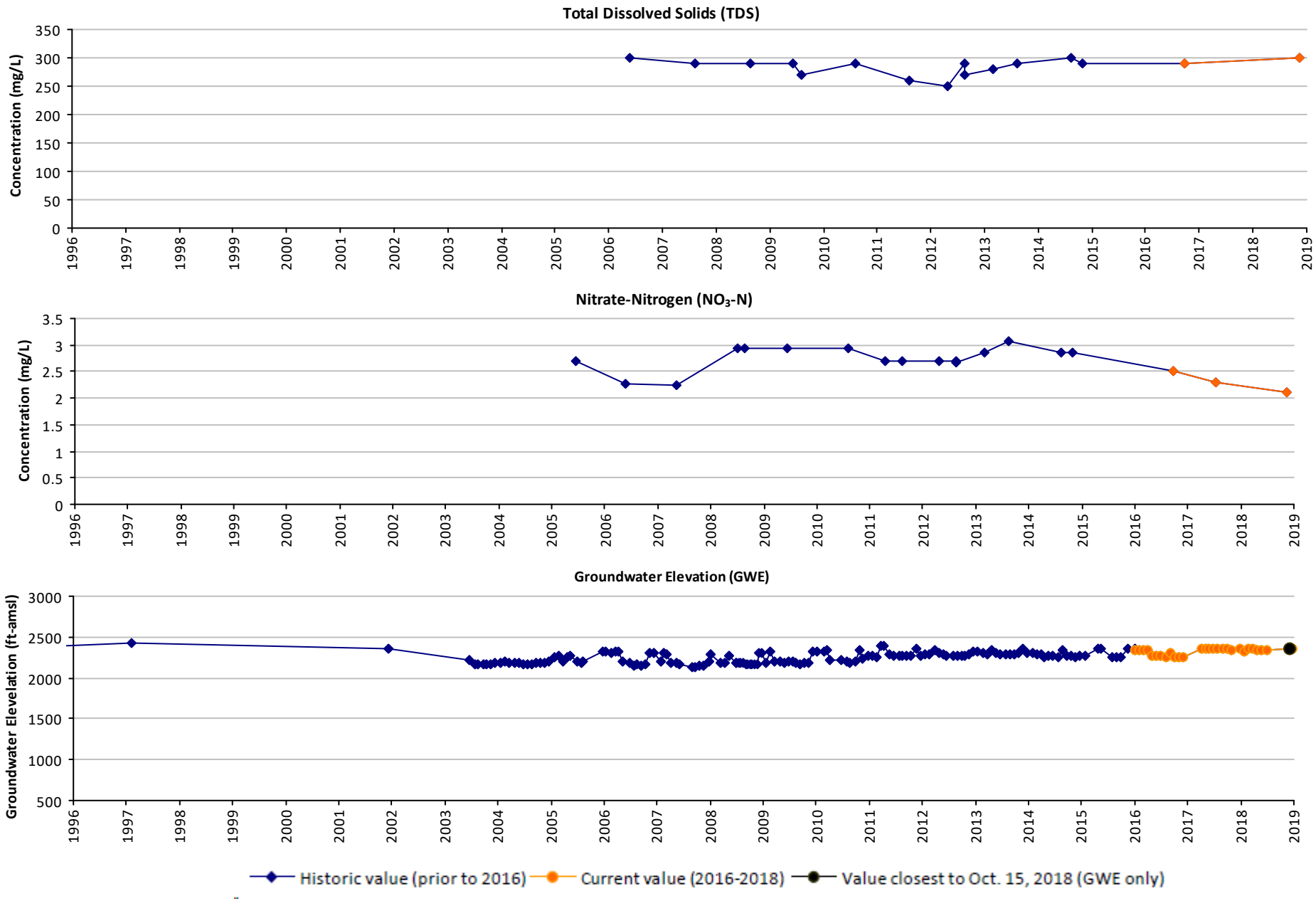

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

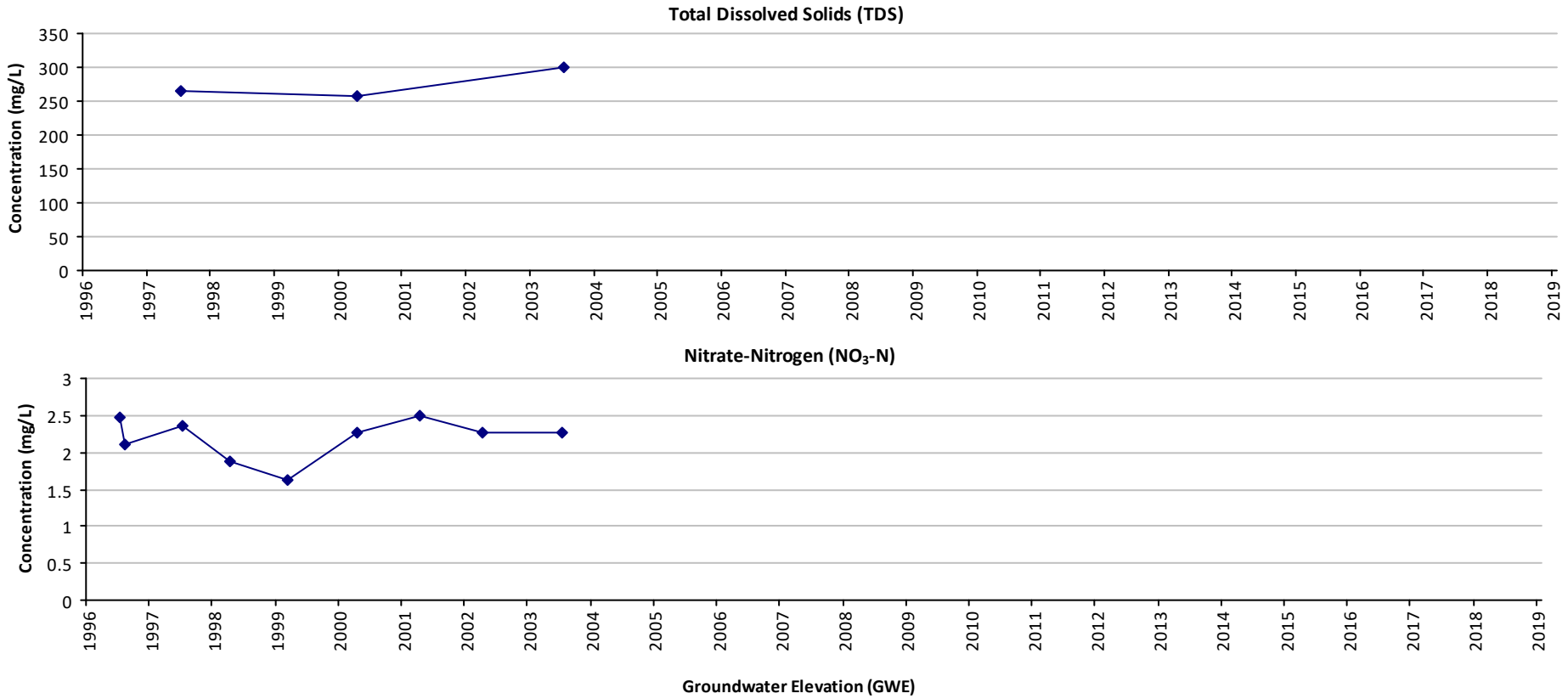

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

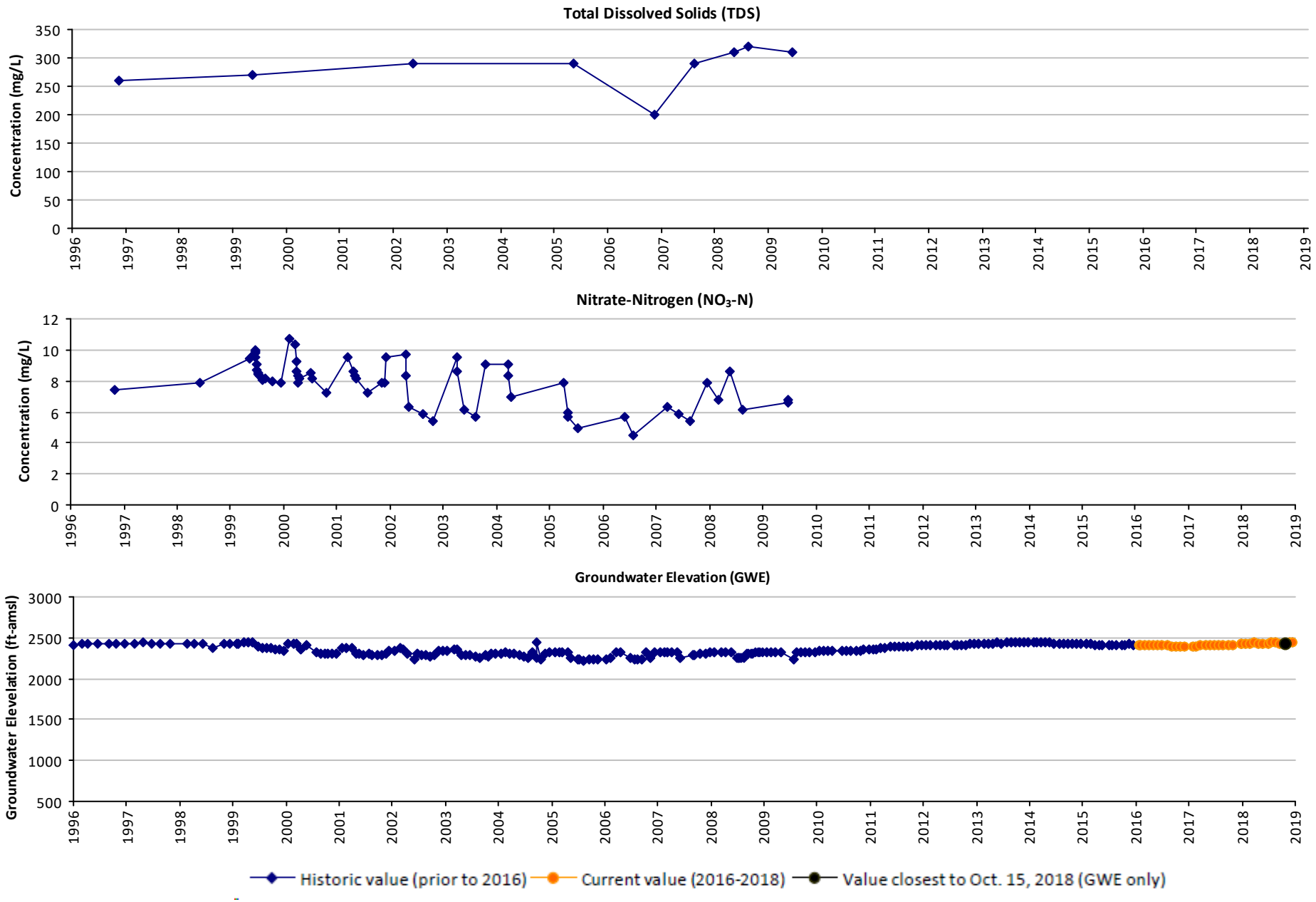

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
30
35
40
45
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

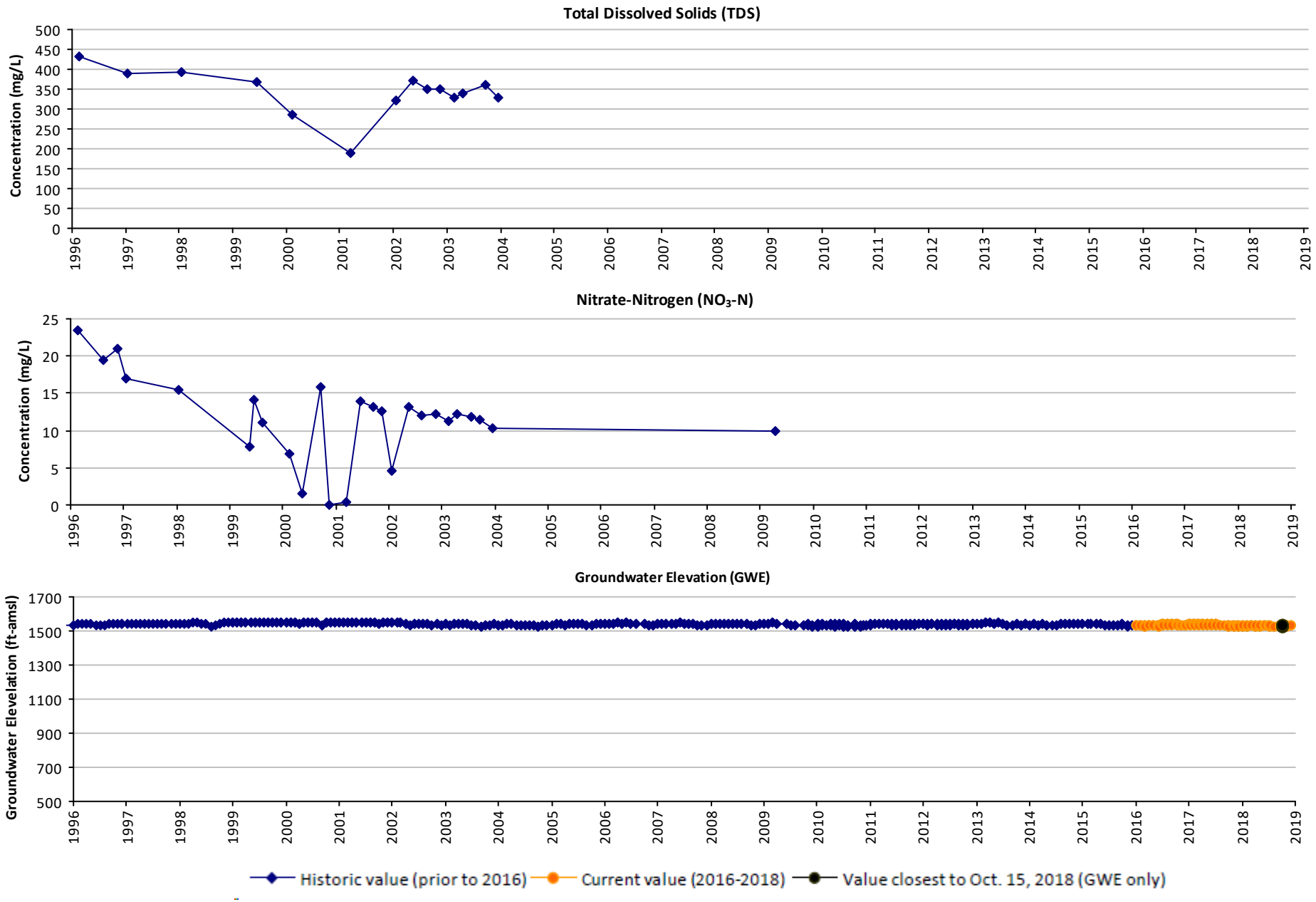

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

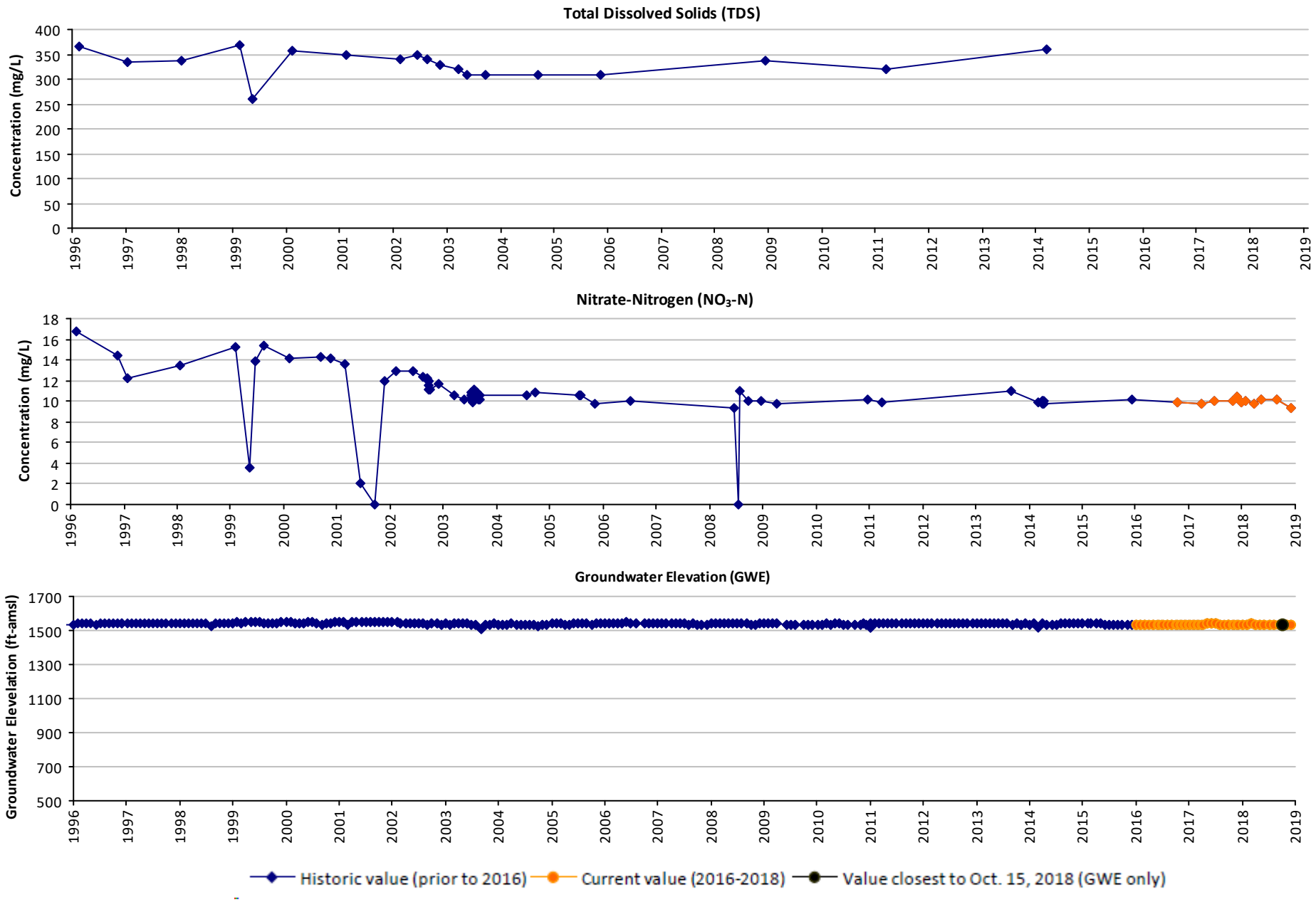

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

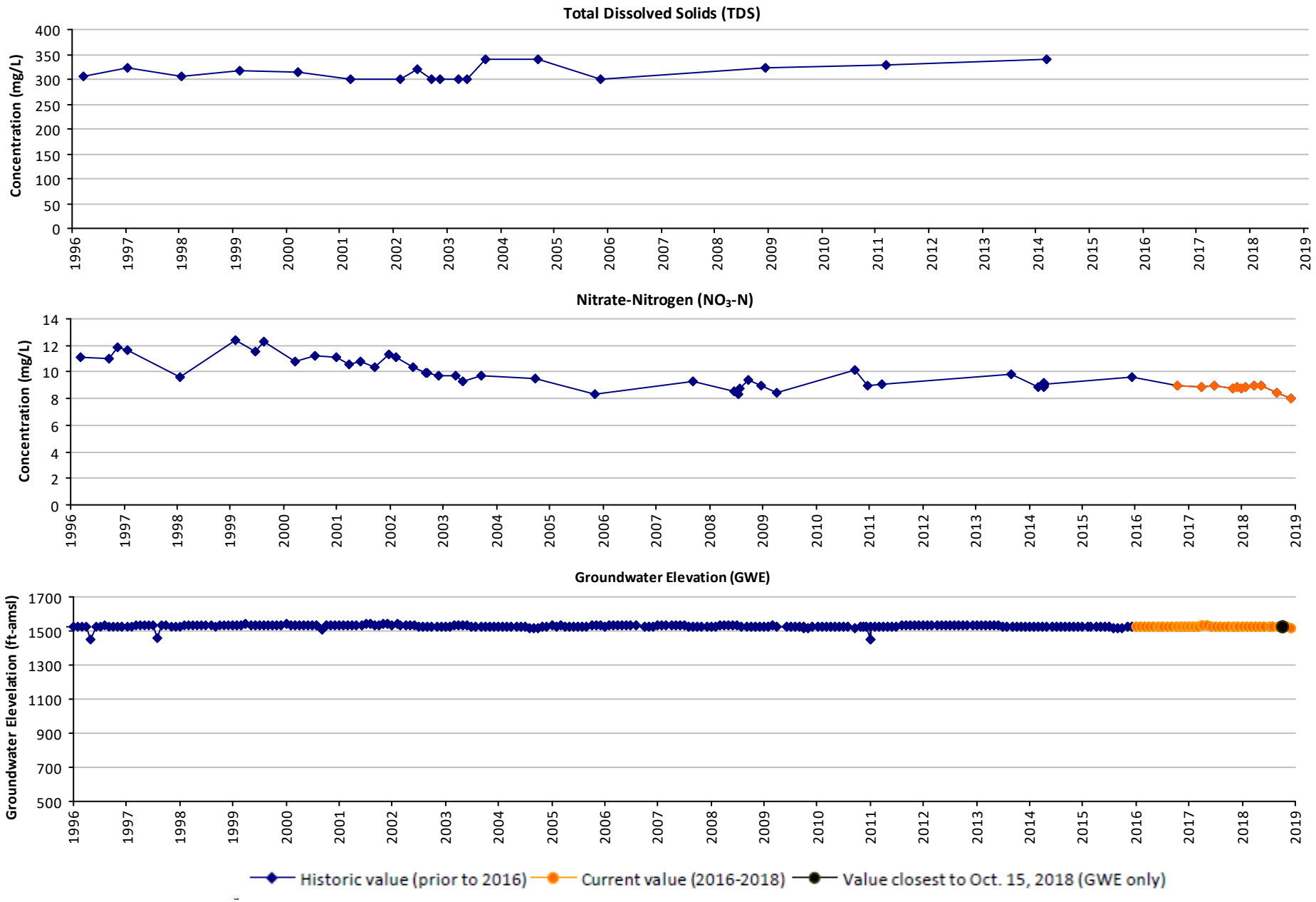

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

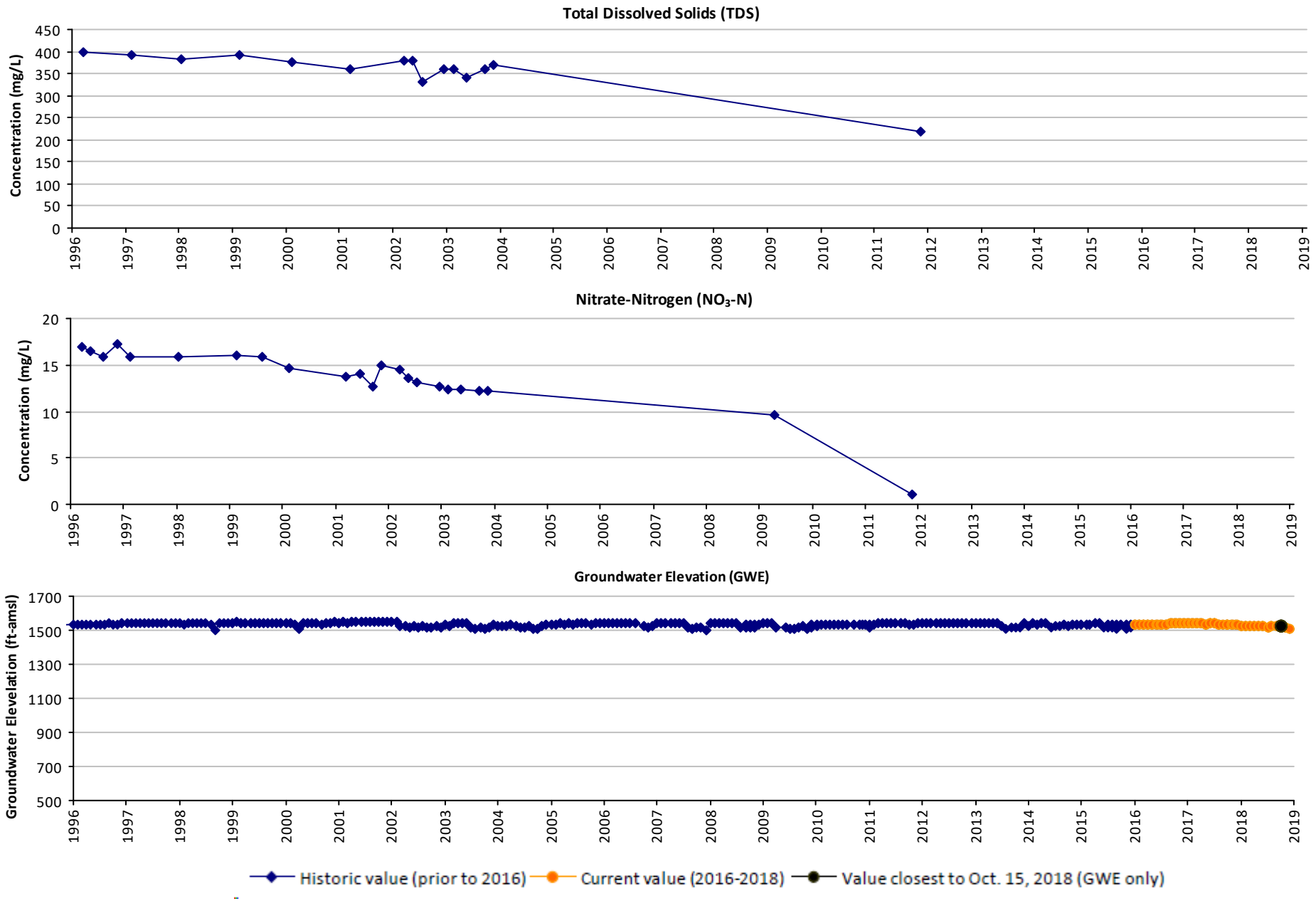

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

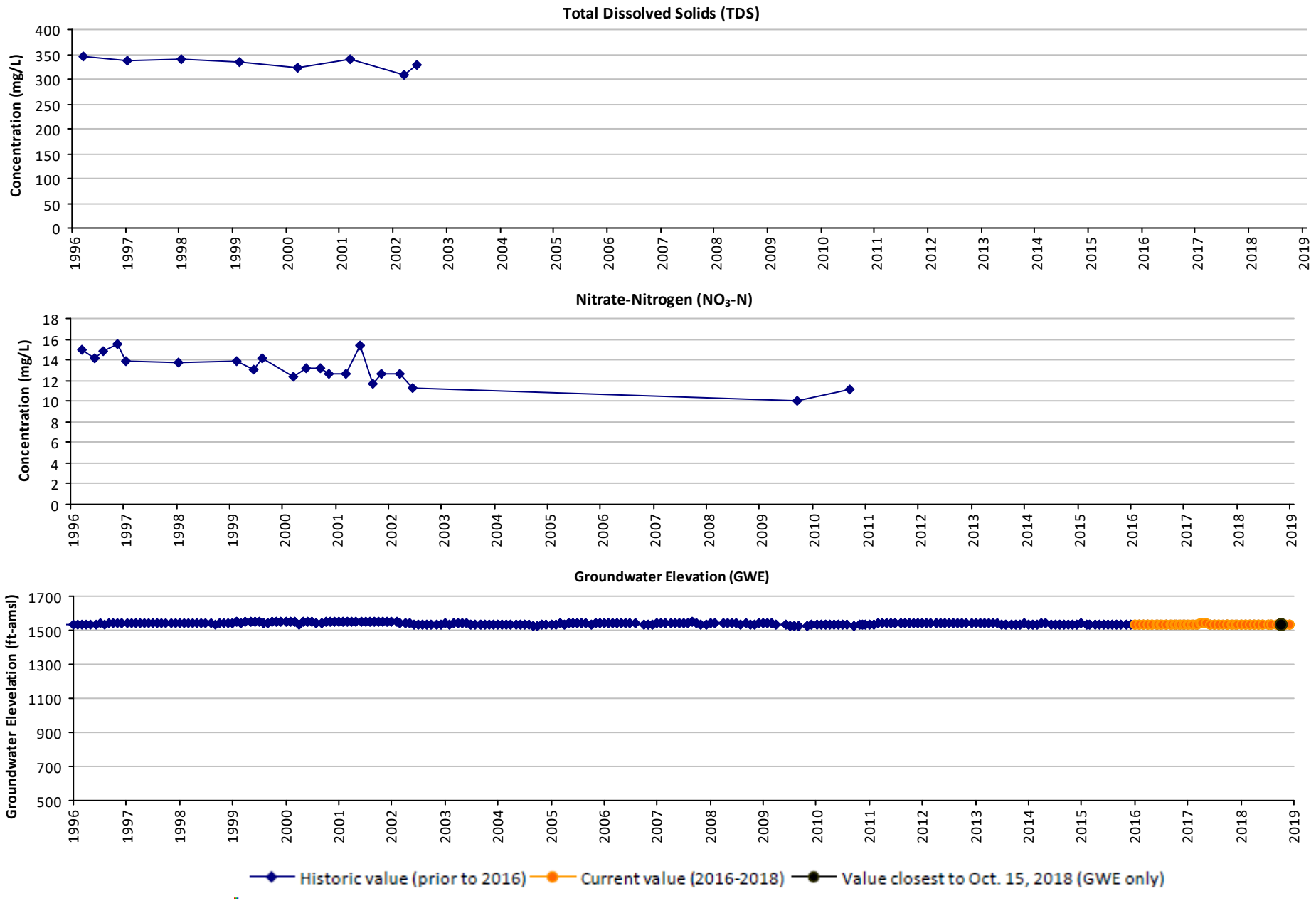

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

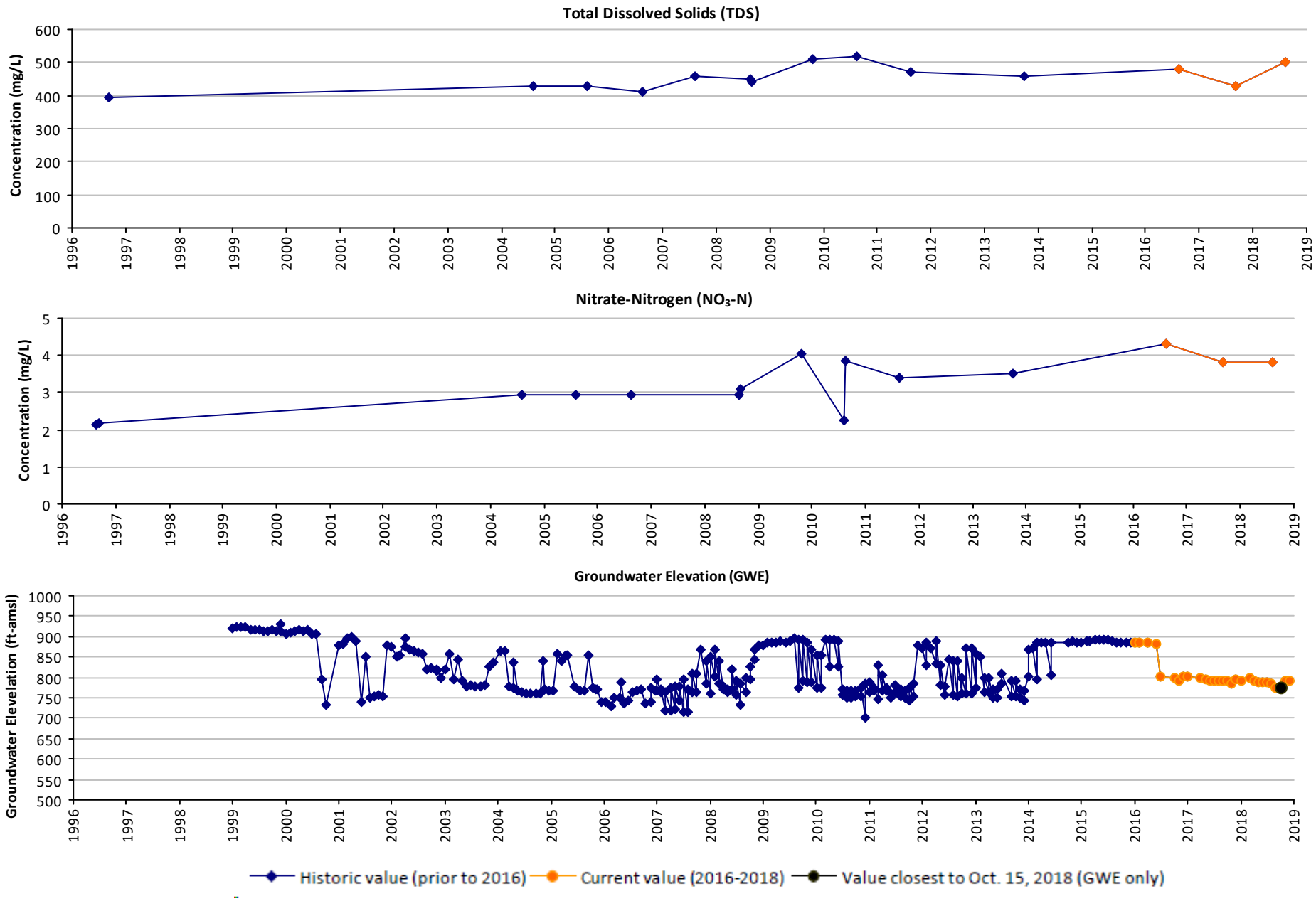

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

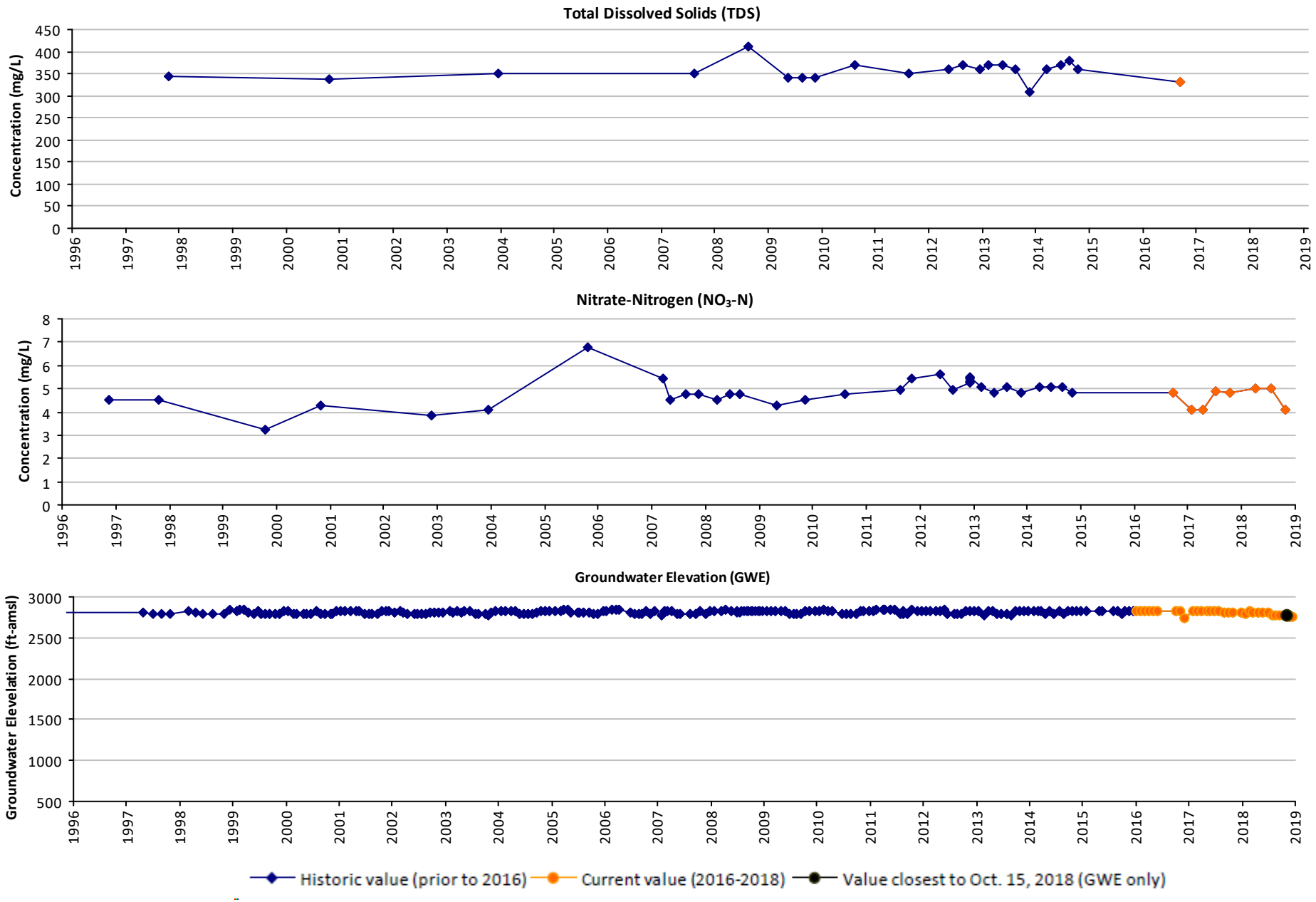

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

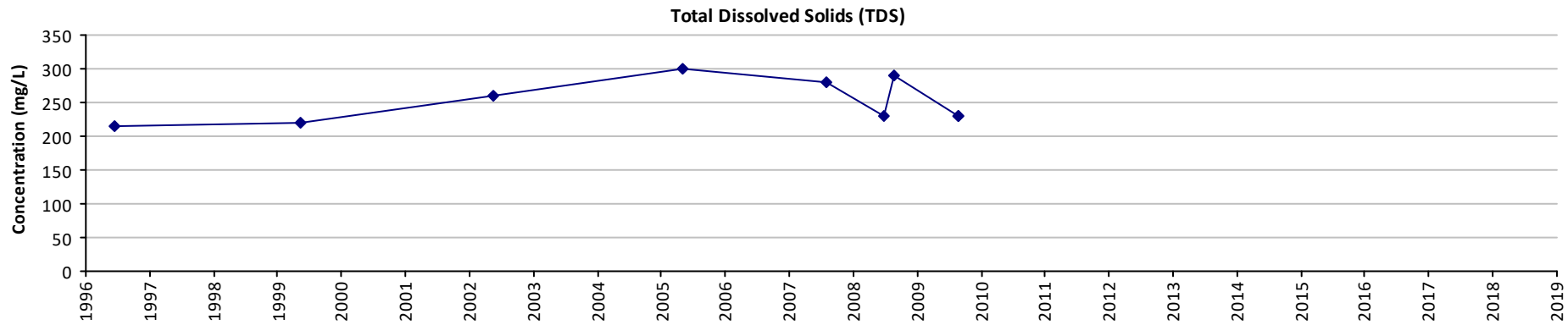

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

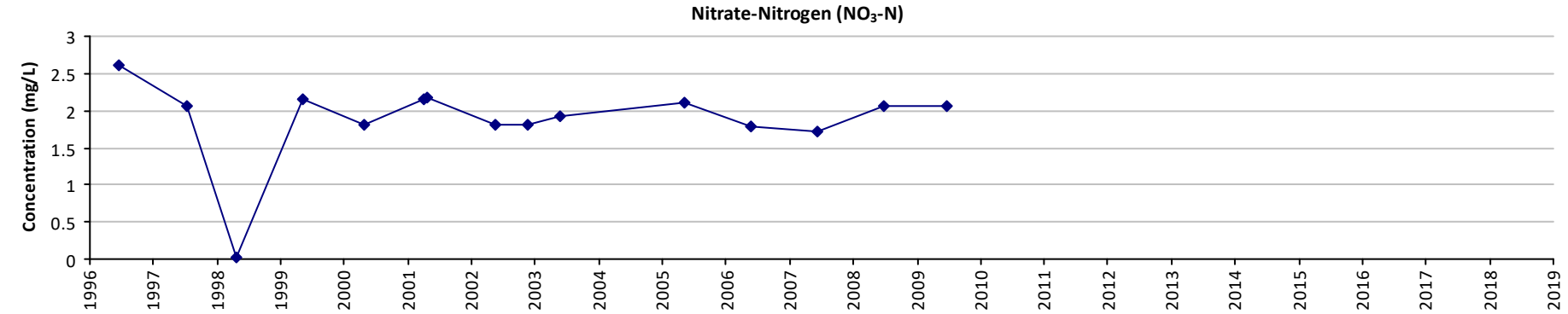

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

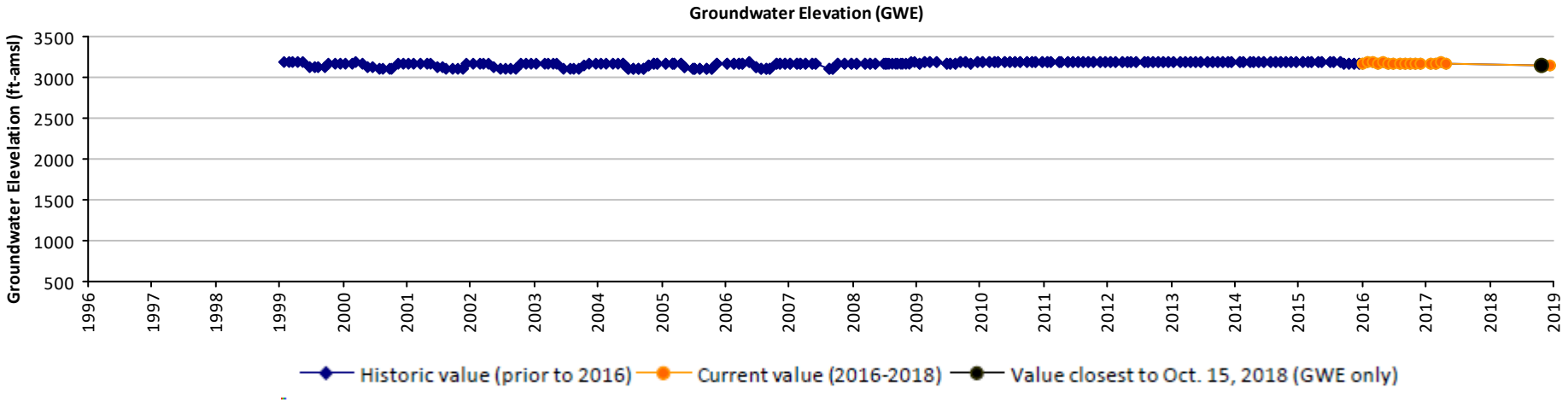

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

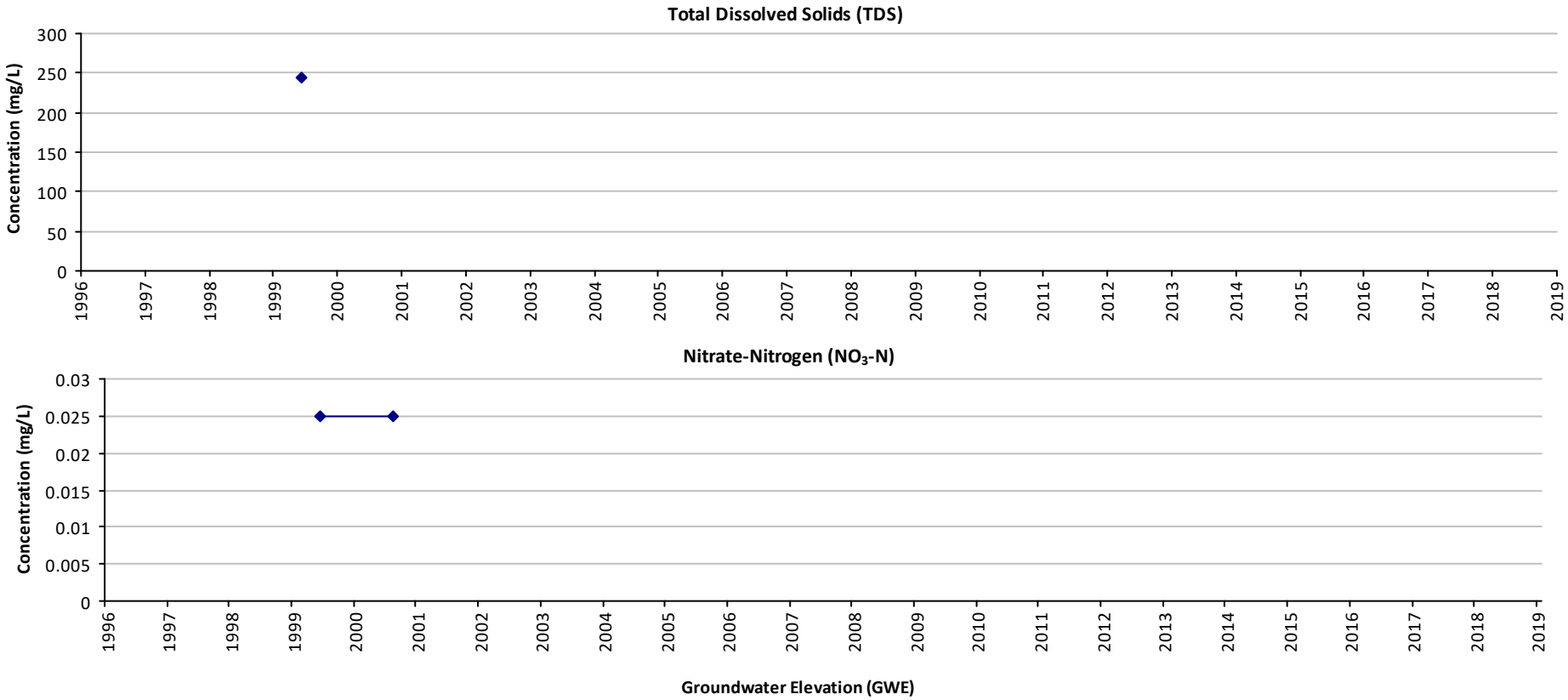

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

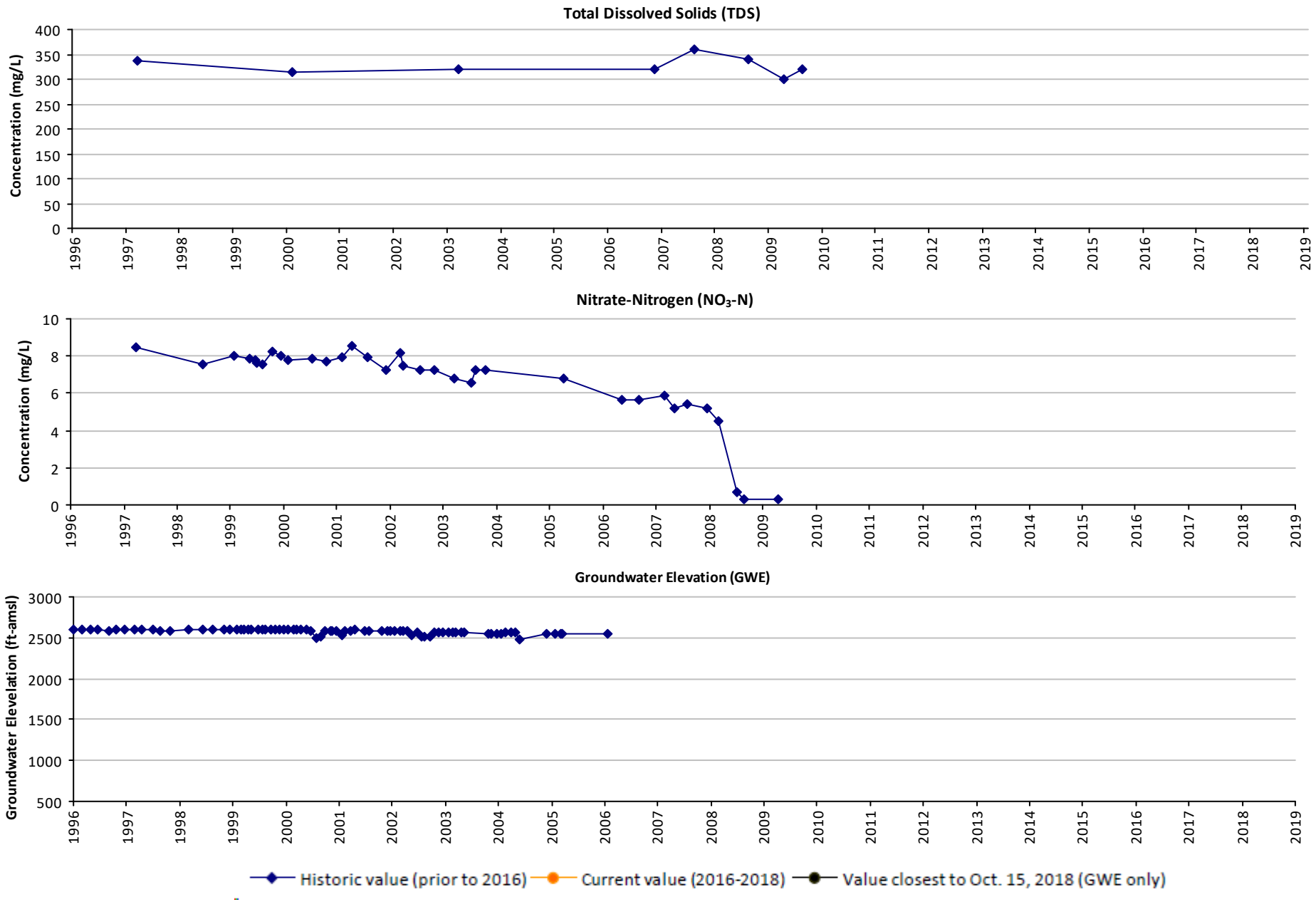

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

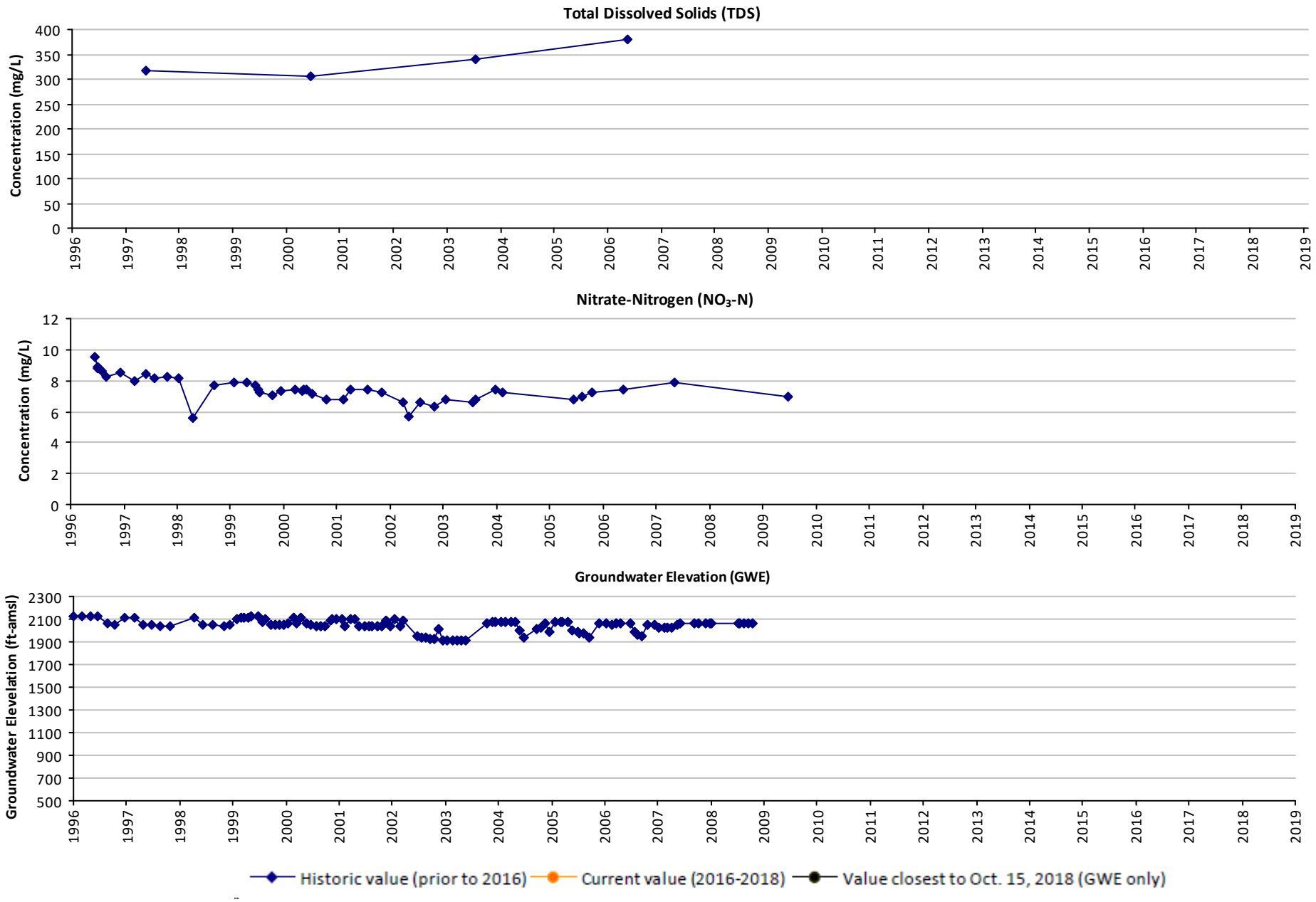

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

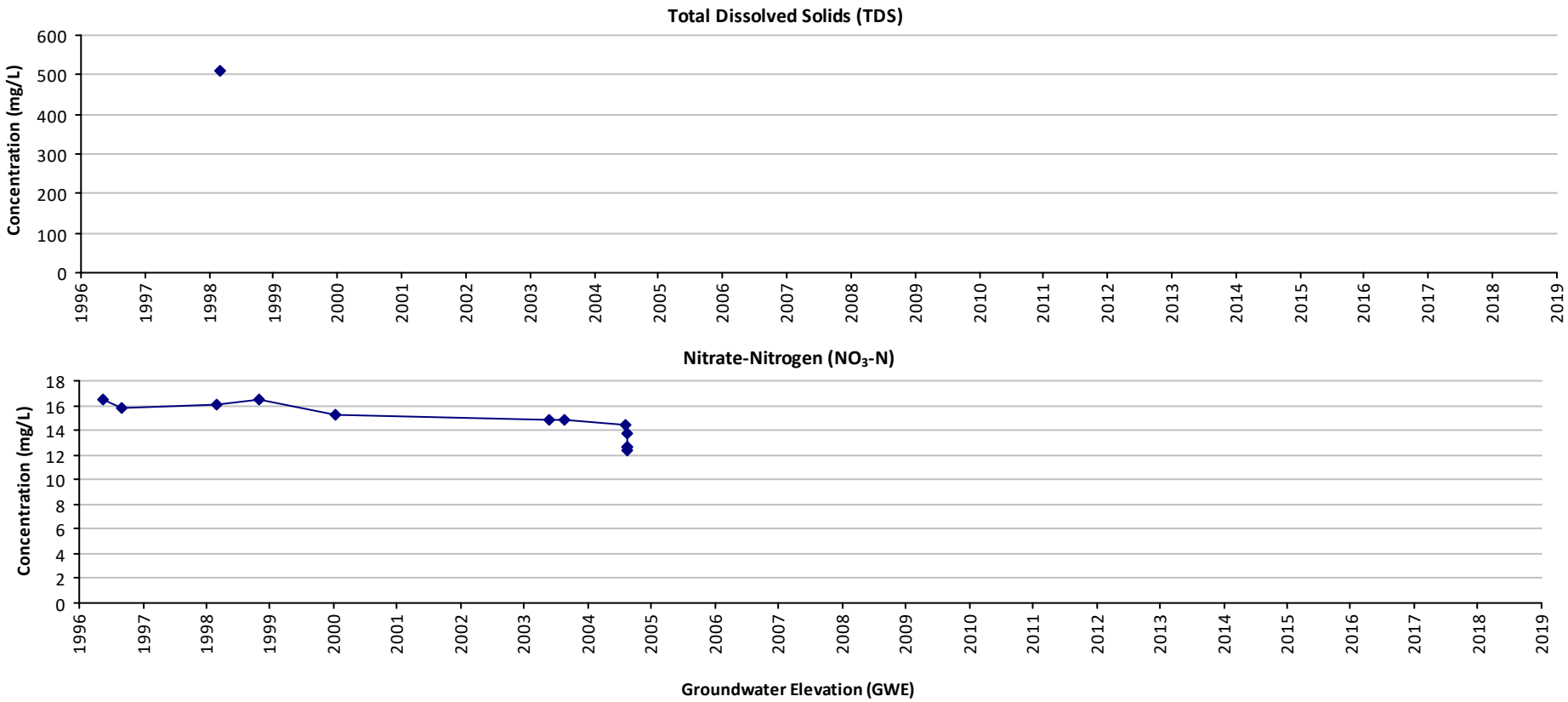

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

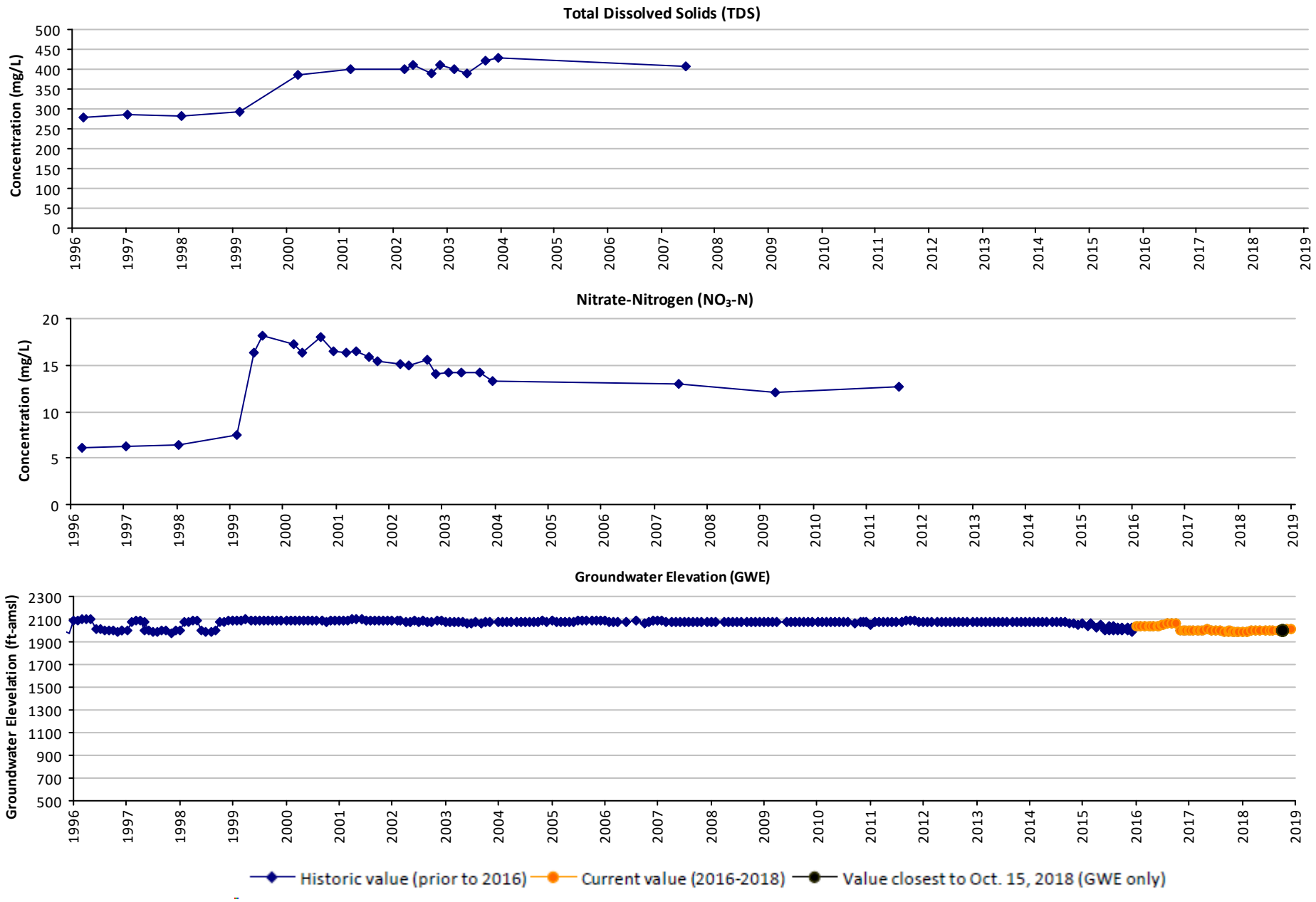

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
3500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

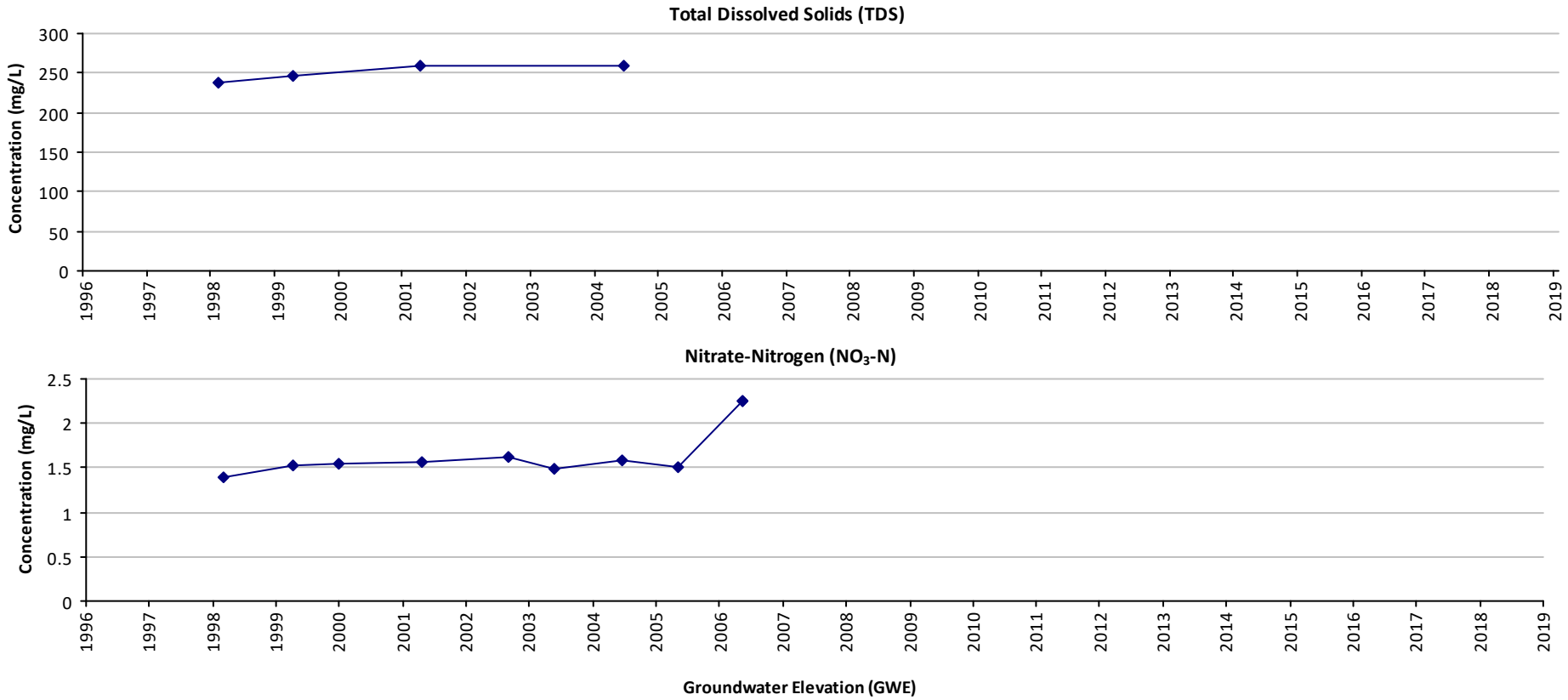

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

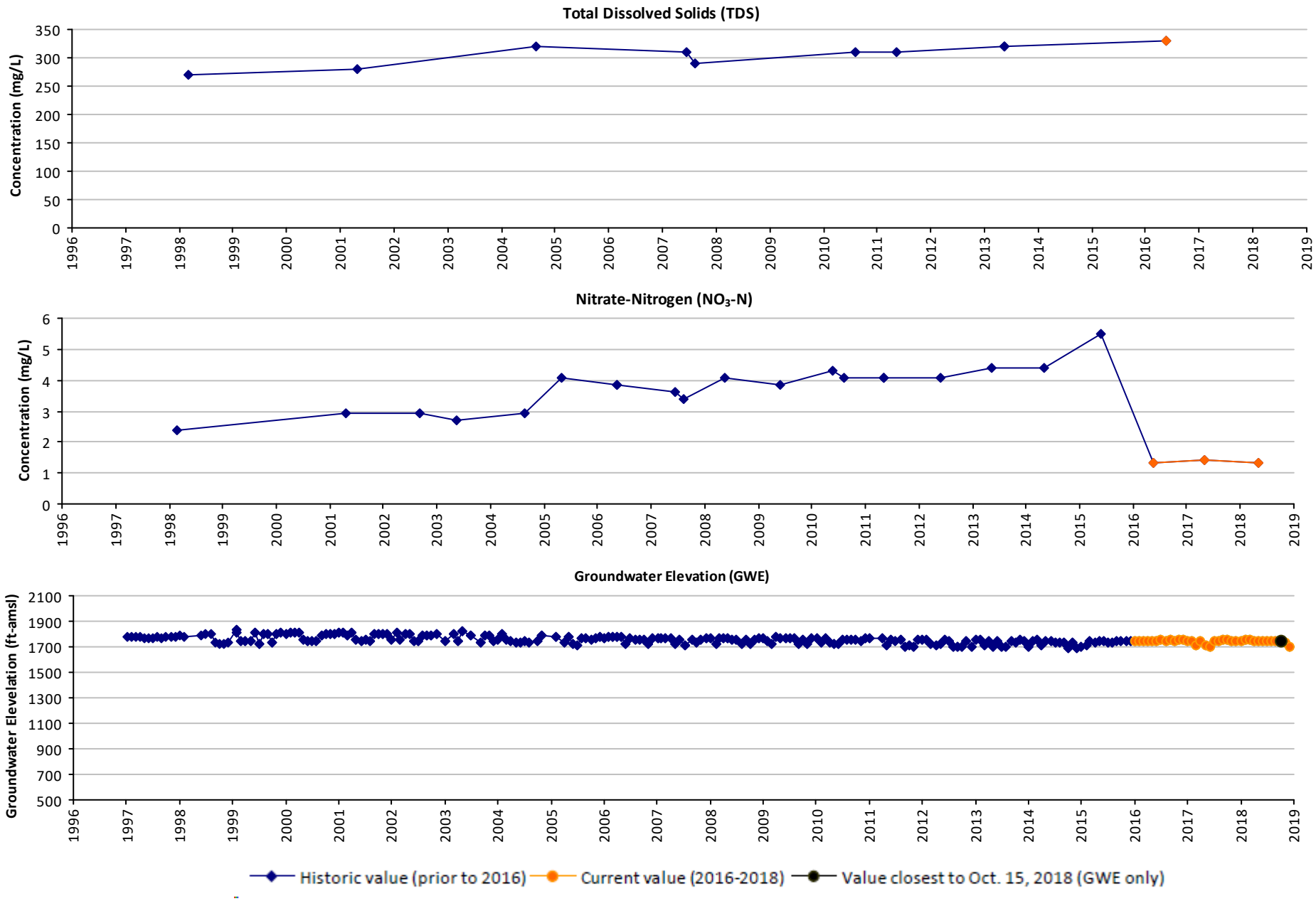

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

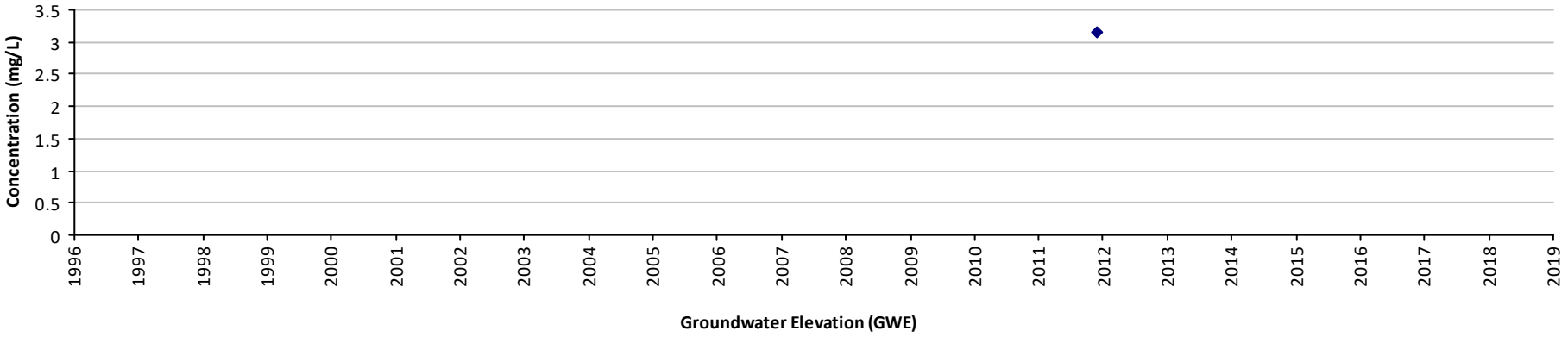

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

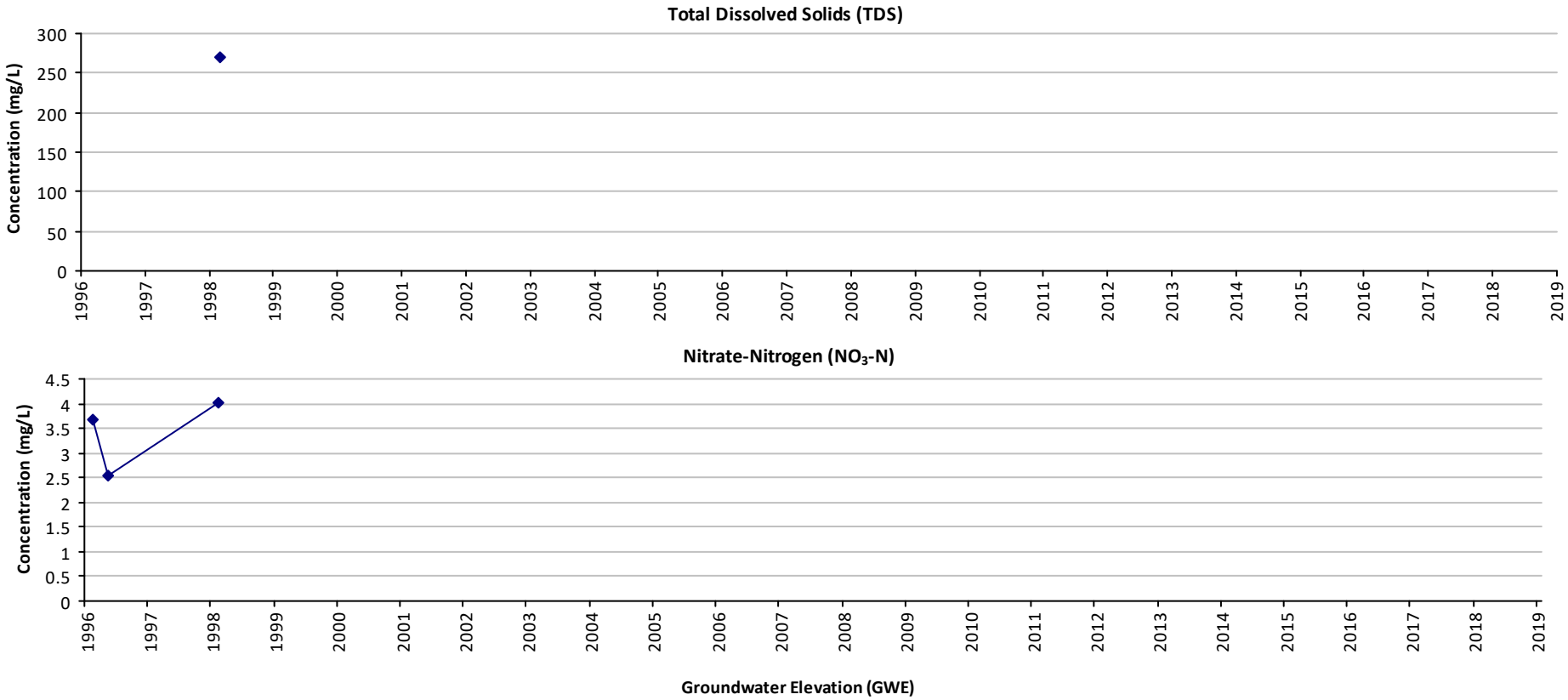

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

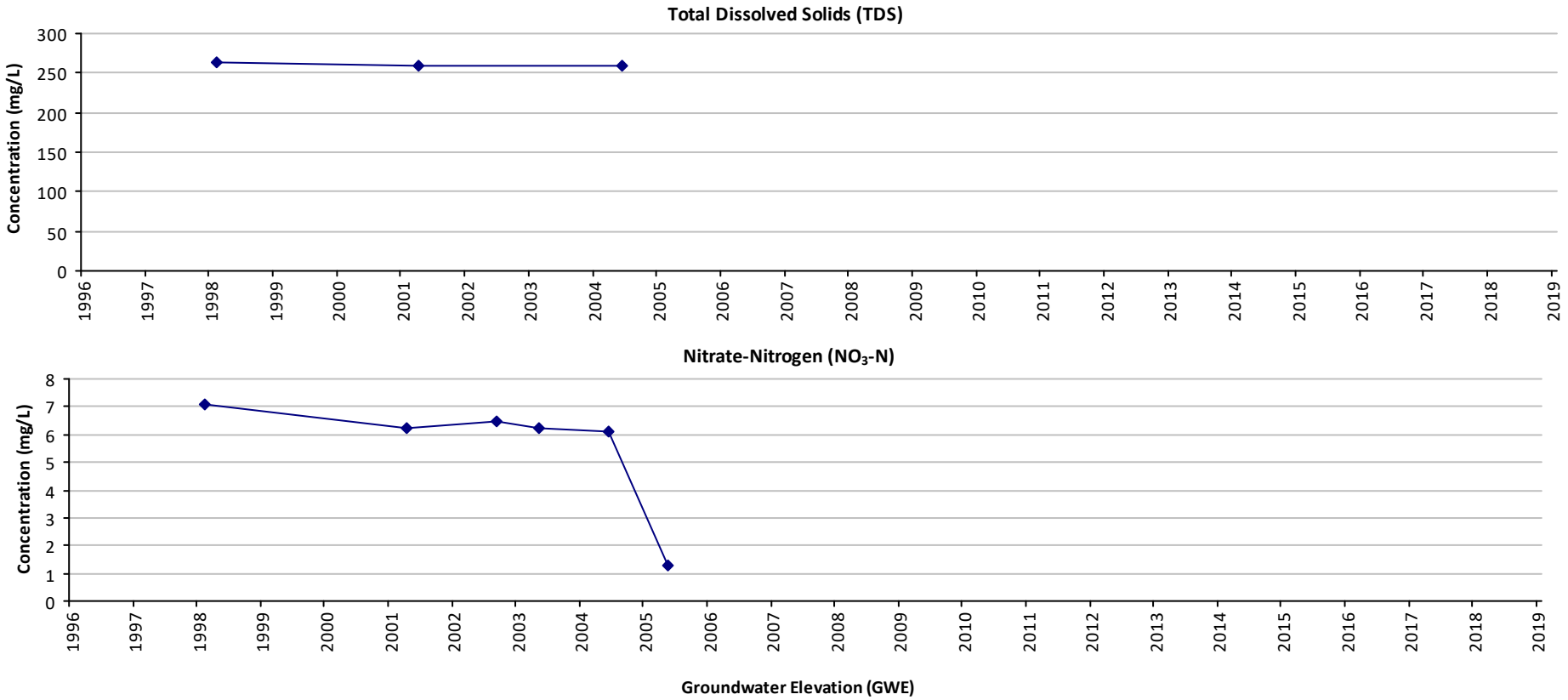
Total Dissolved Solids (TDS)

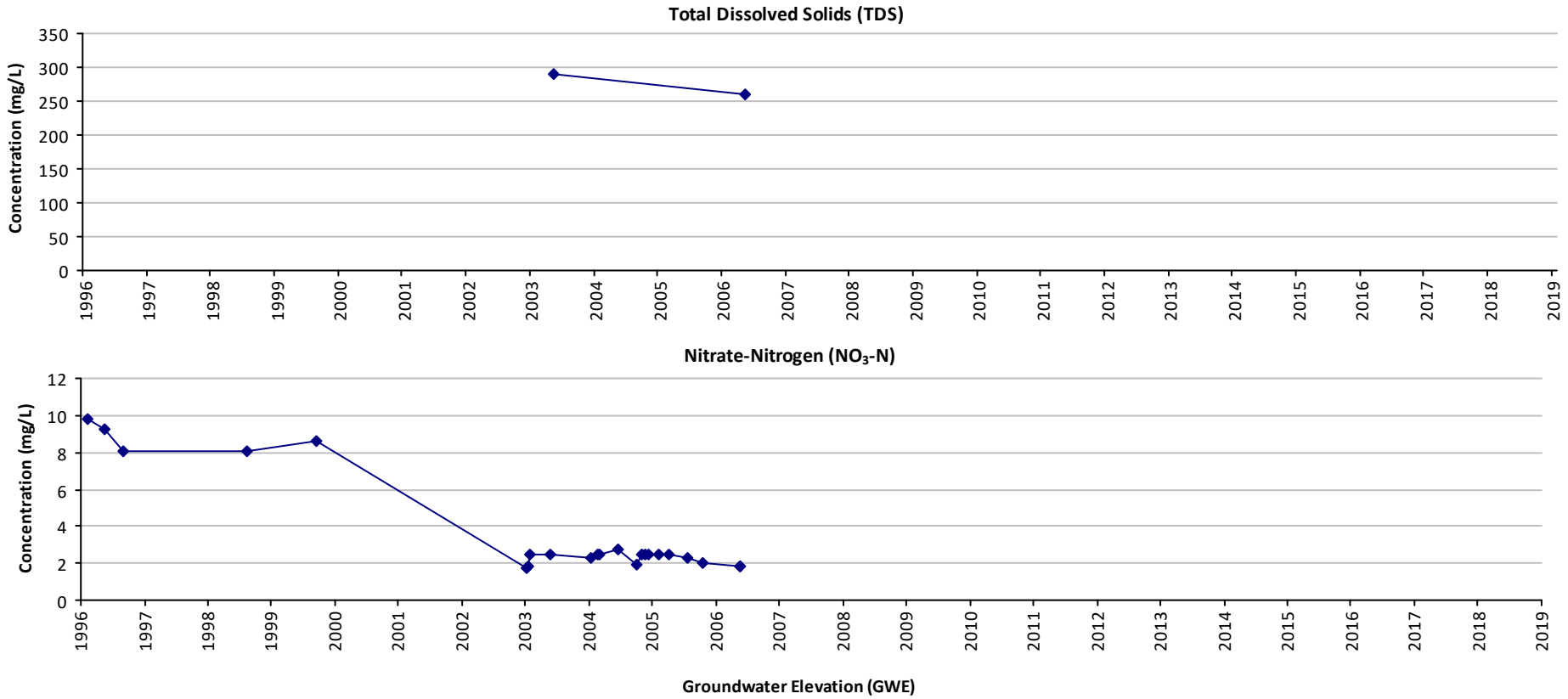
Nitrate-Nitrogen (NO_3-N)

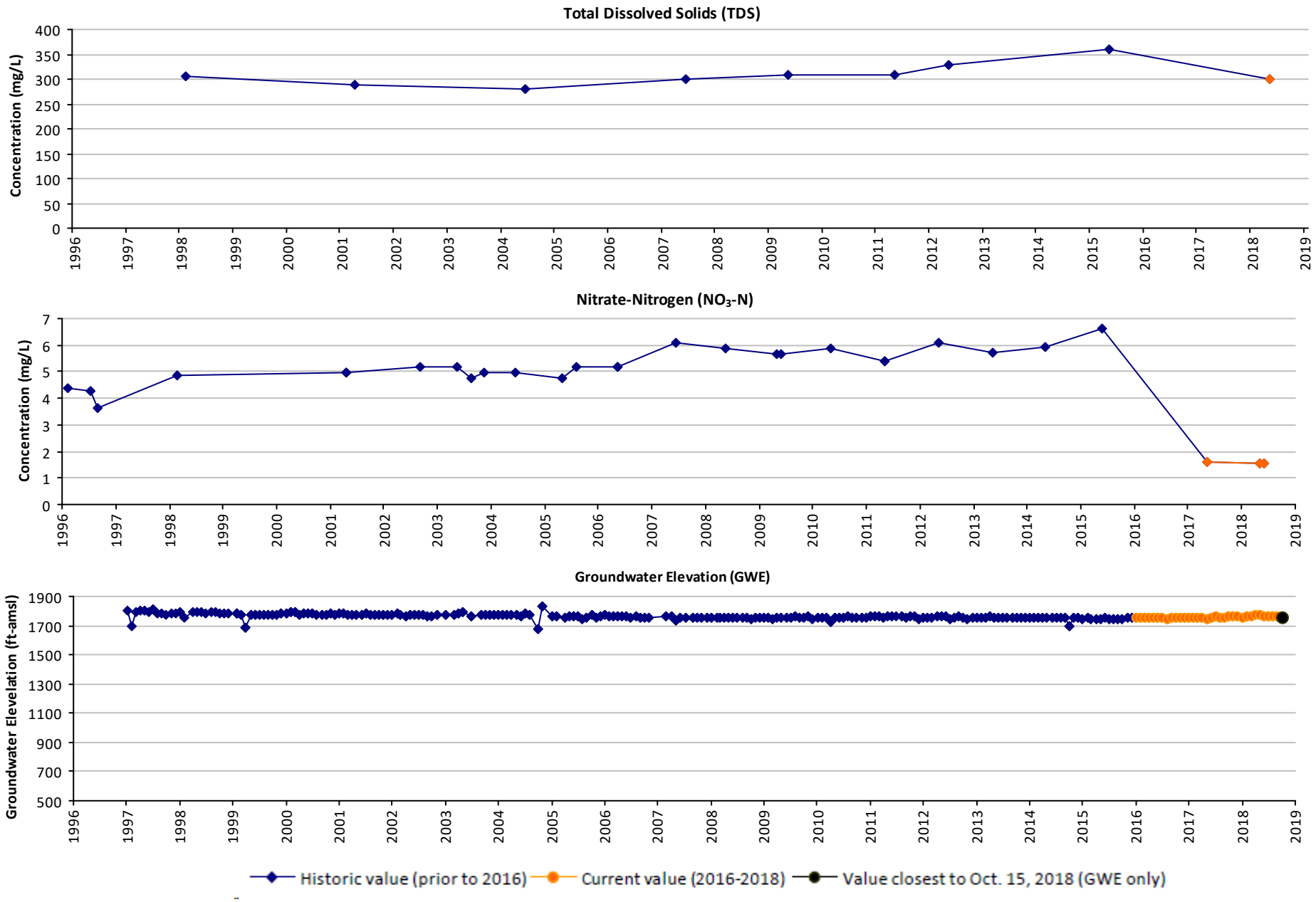


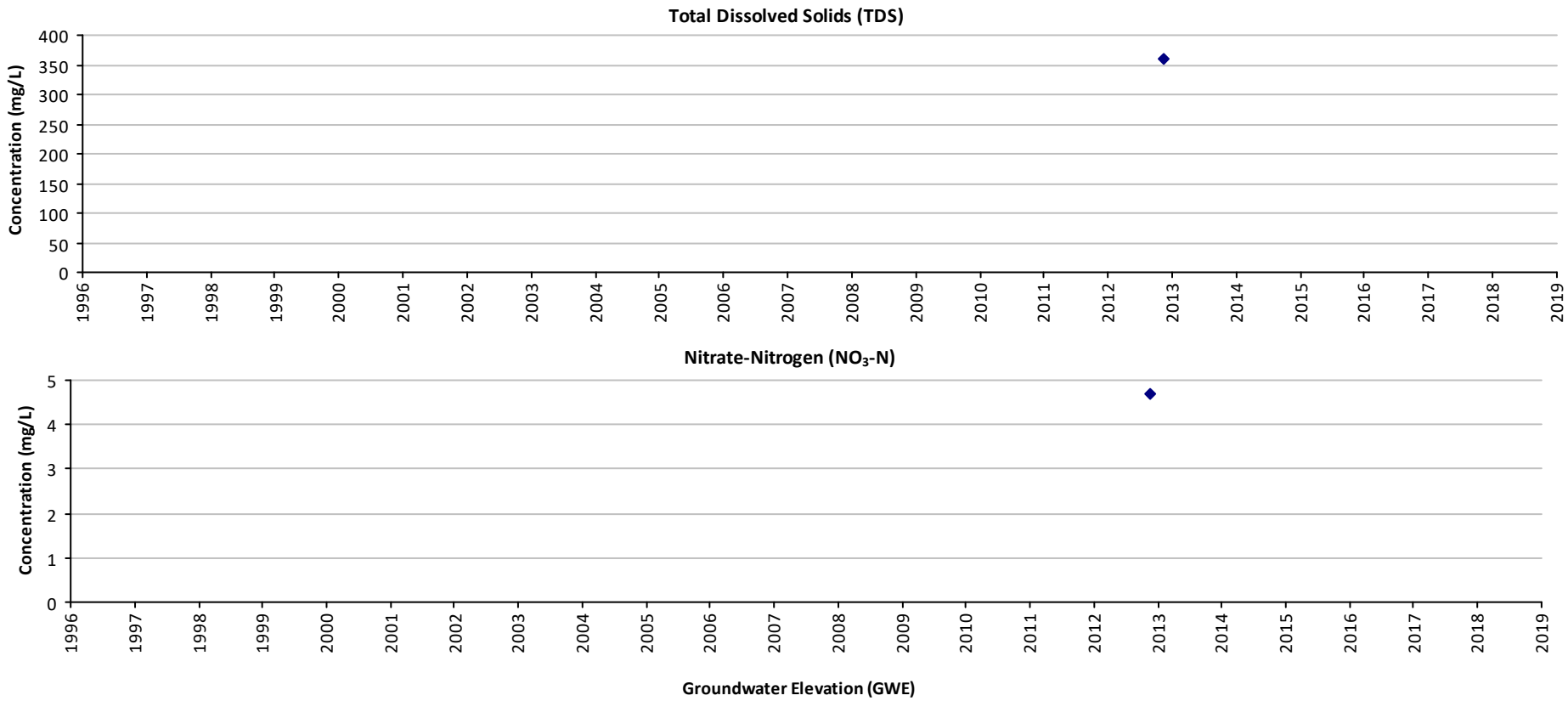
Historic value (prior to 2016) — Current value (2016-2018) — Value closest to Oct. 15, 2018 (GWE only)

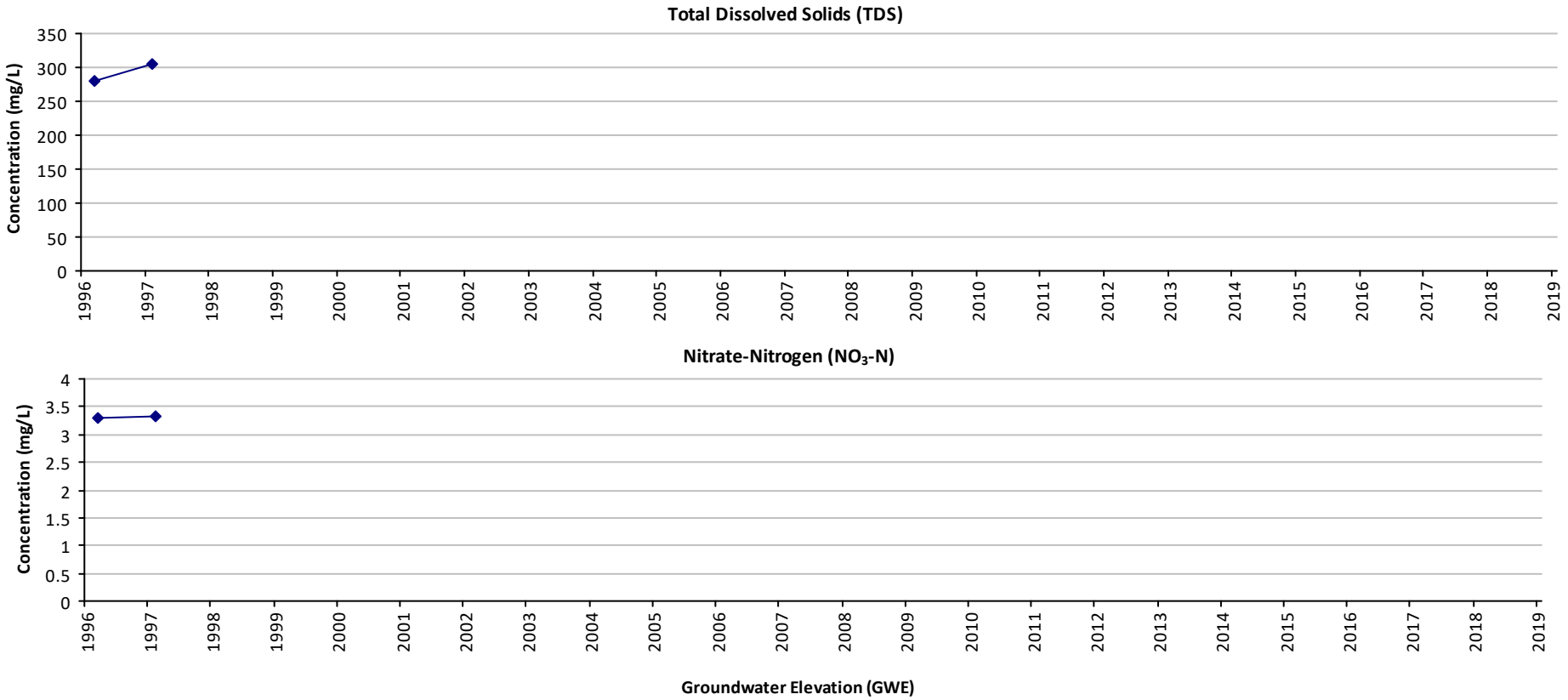

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

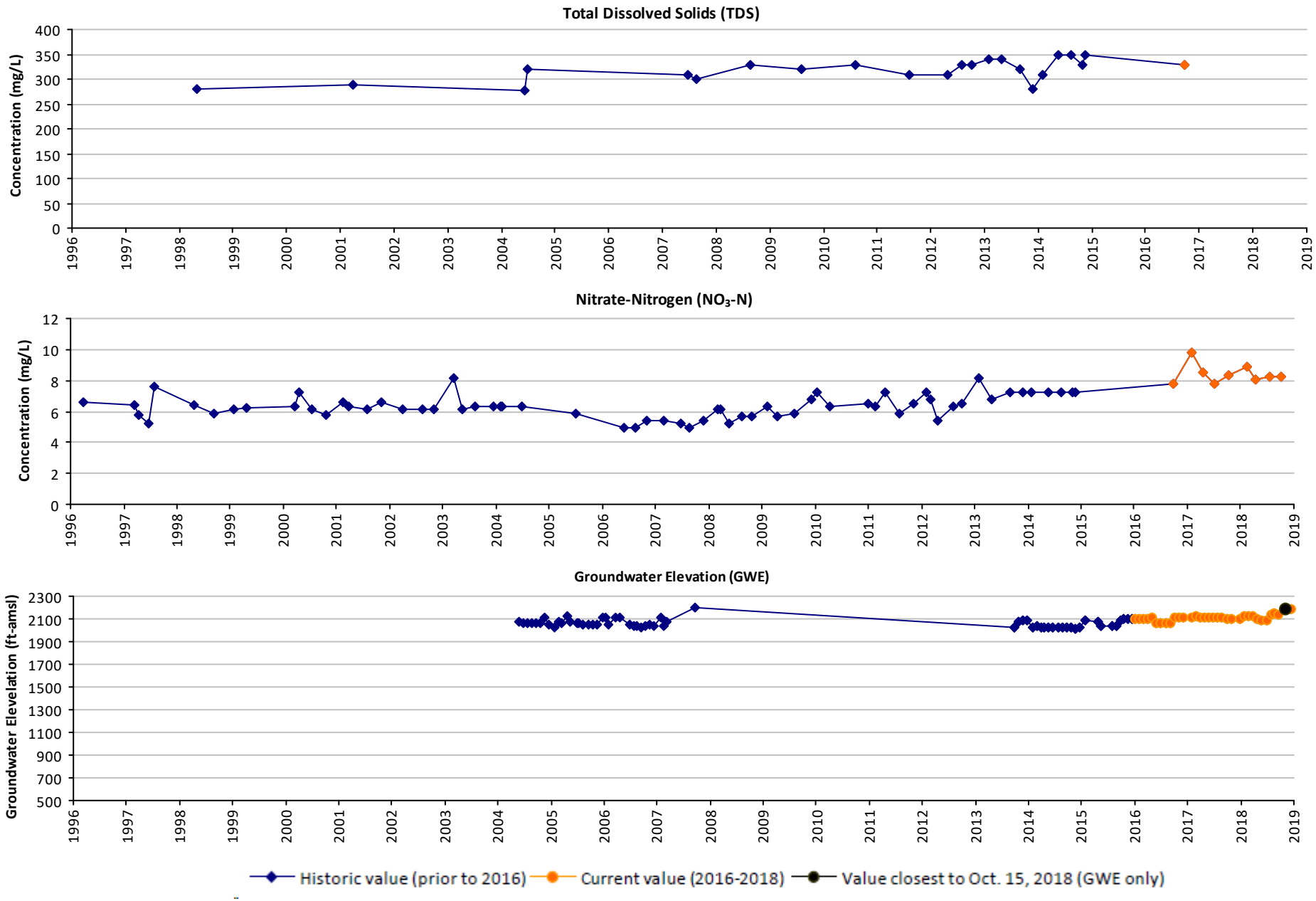

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
8
7
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

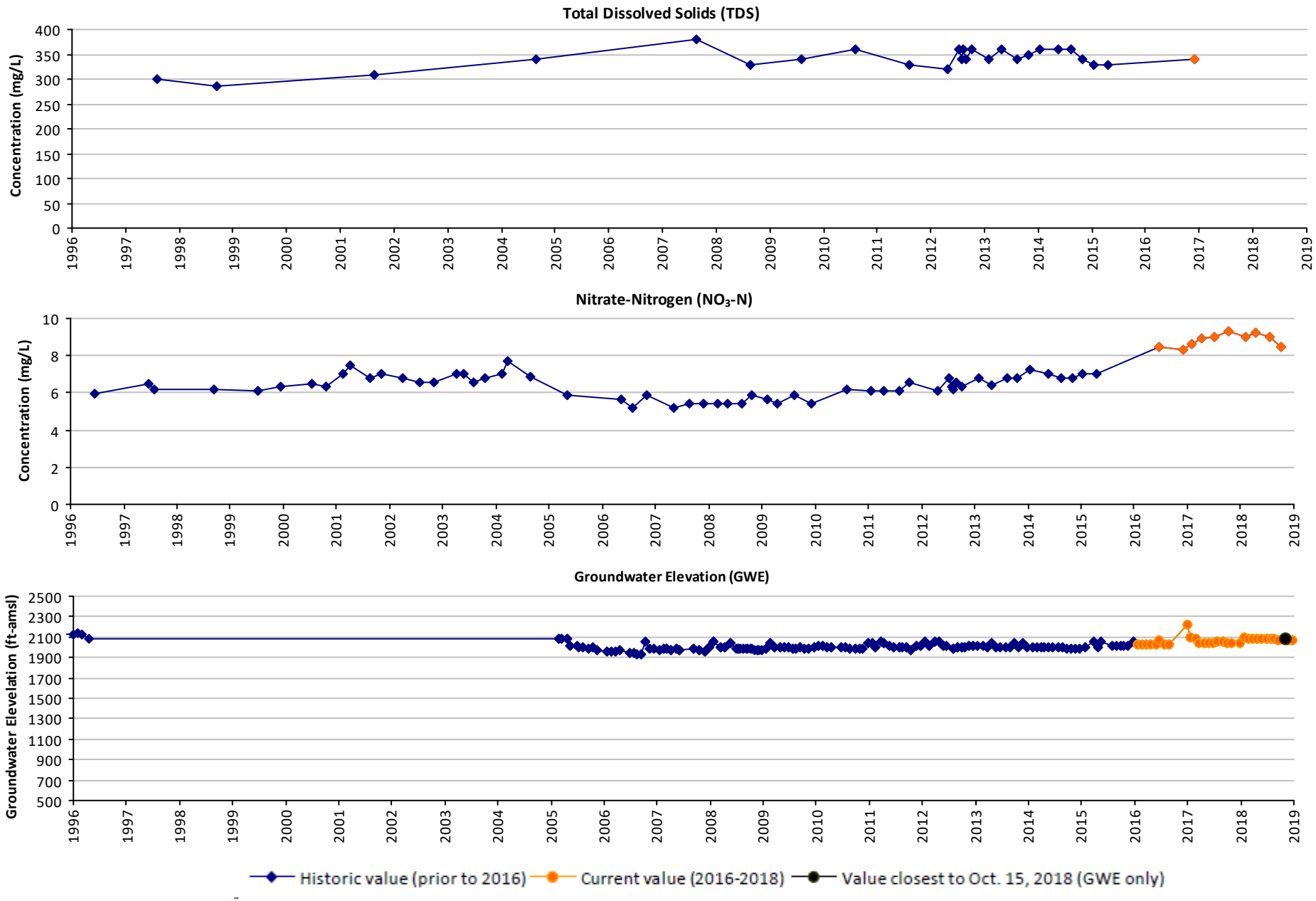

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

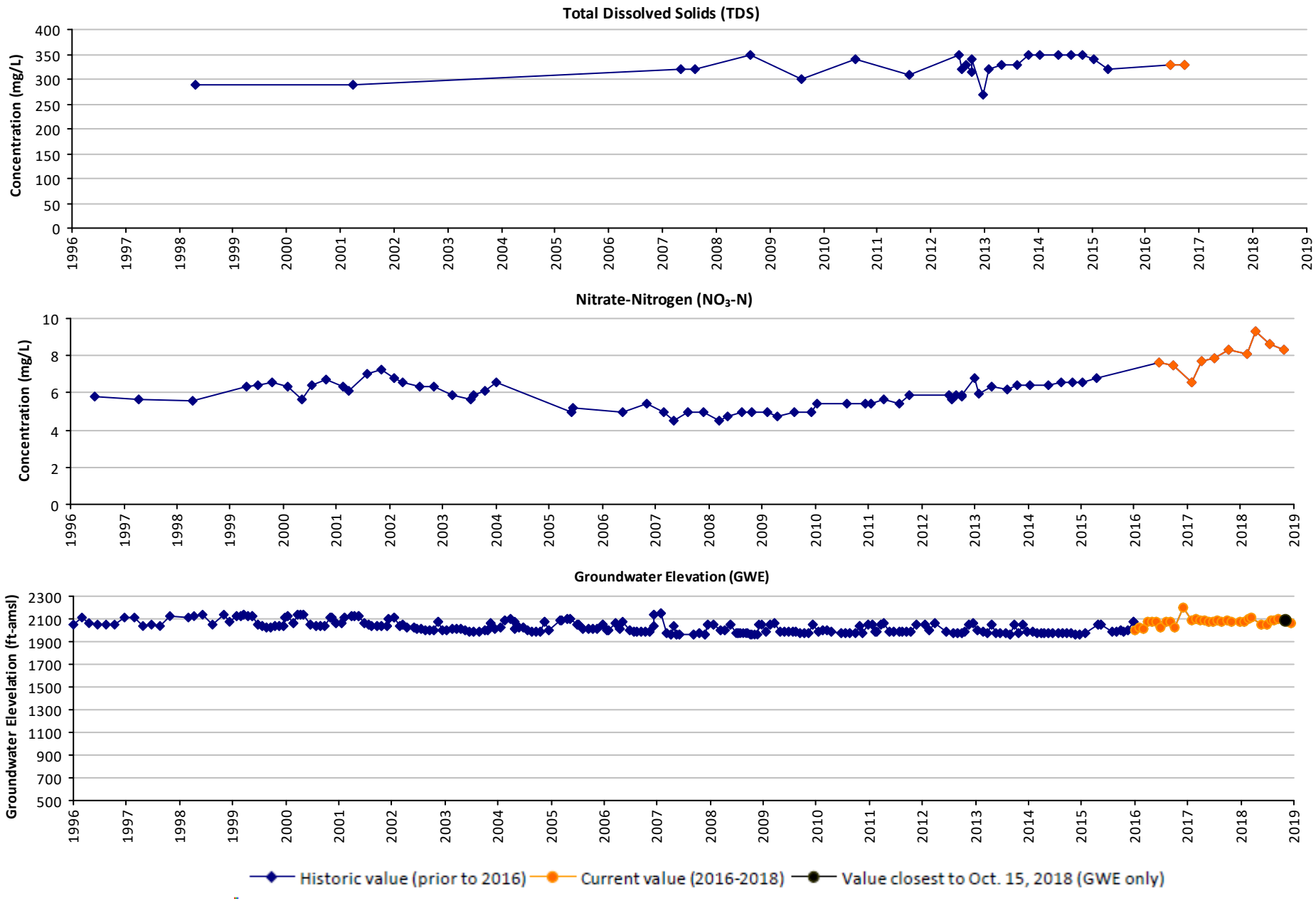

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

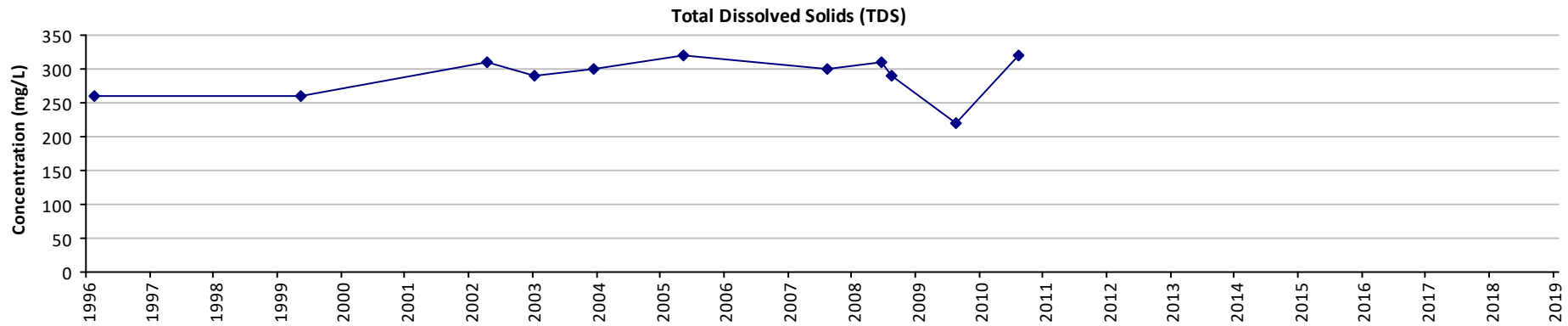

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

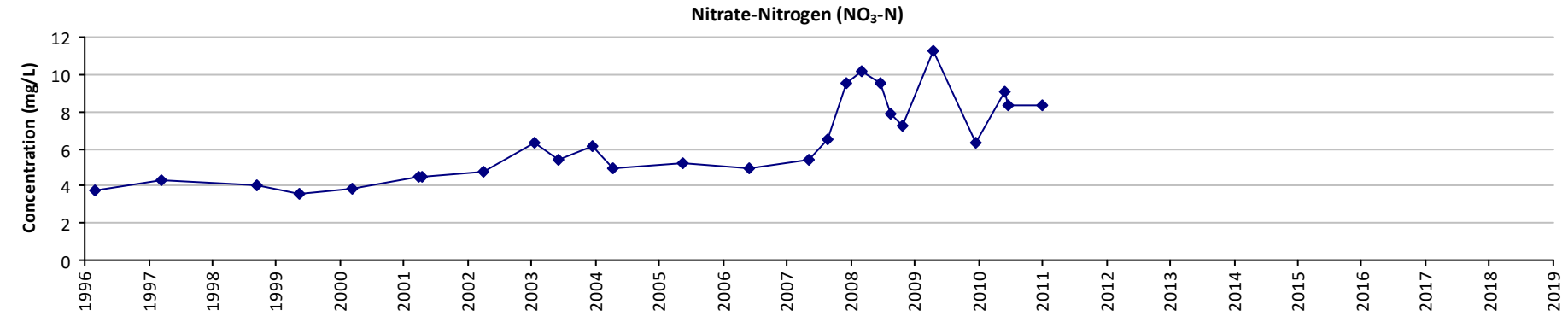

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

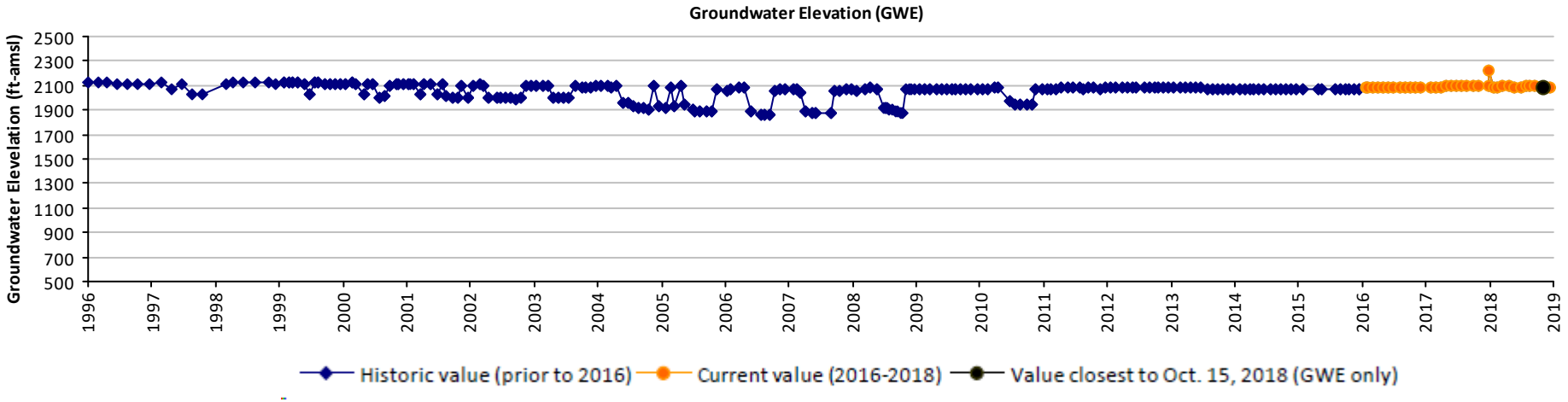

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

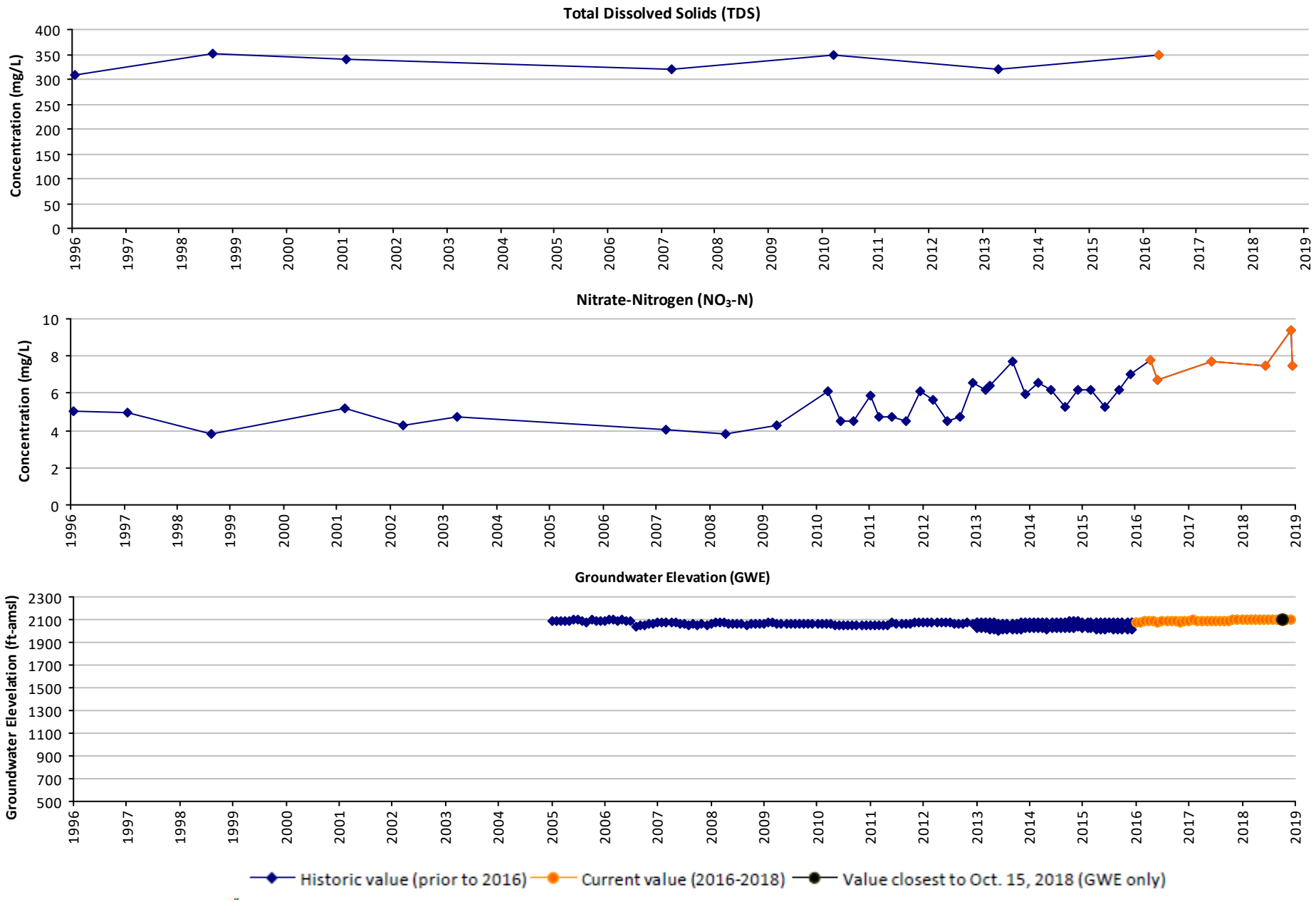

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

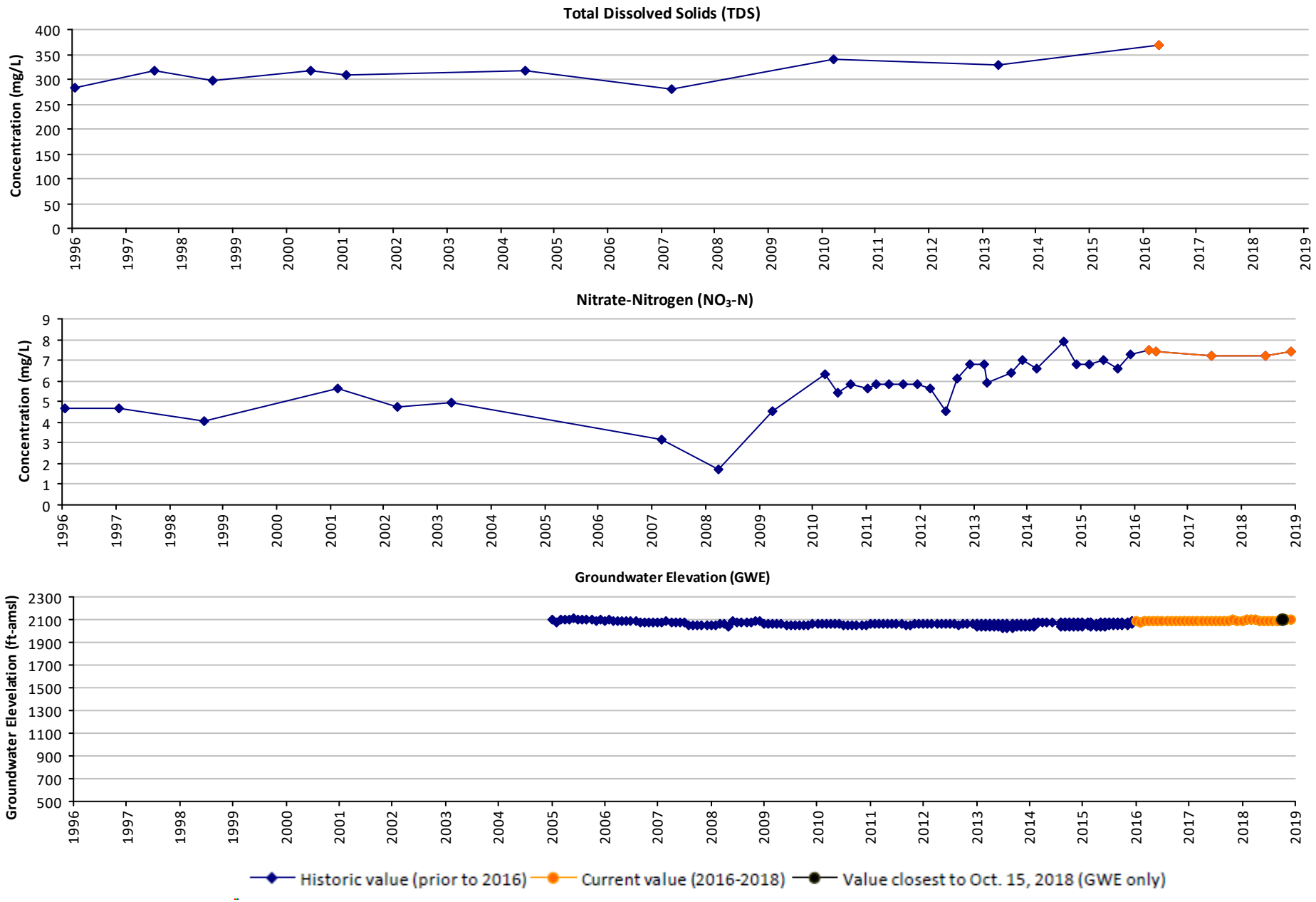

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

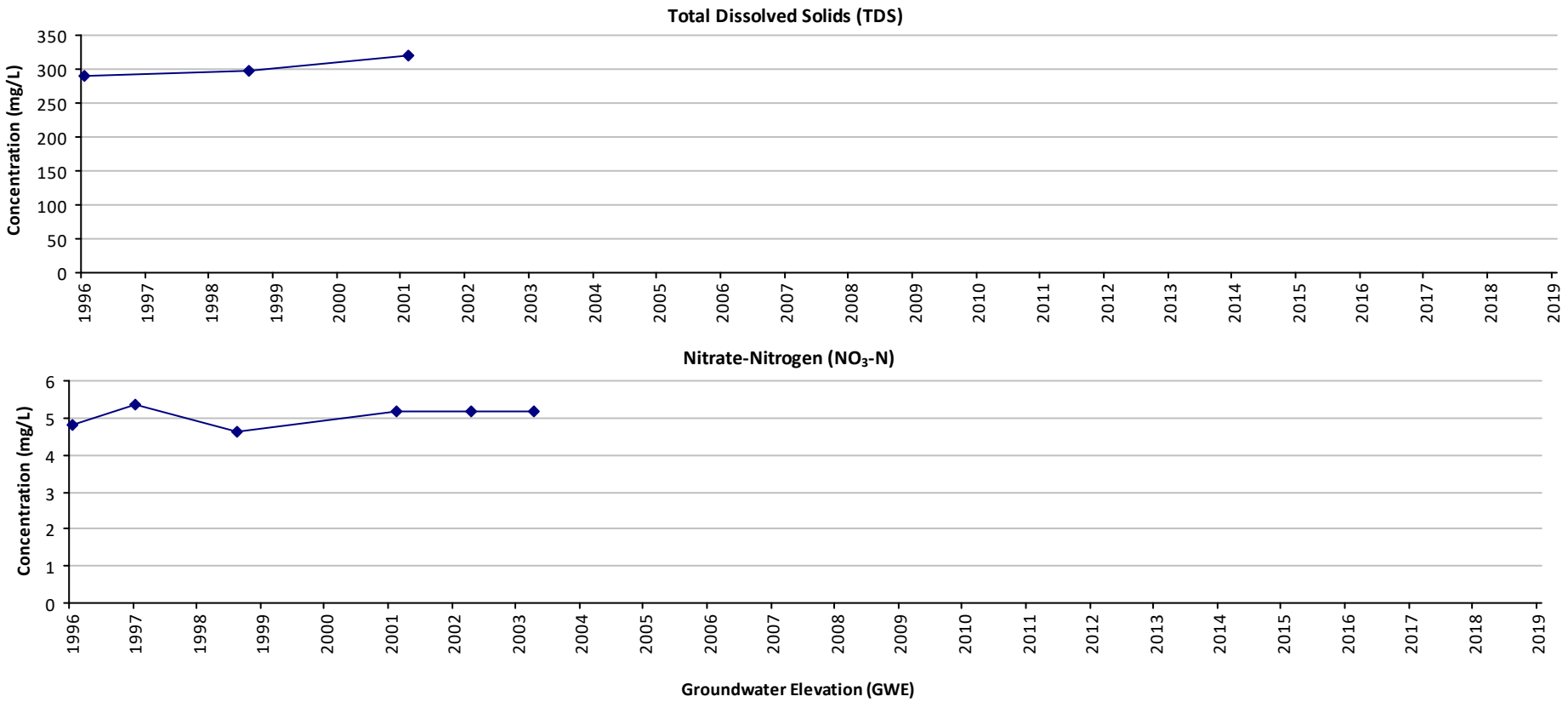

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

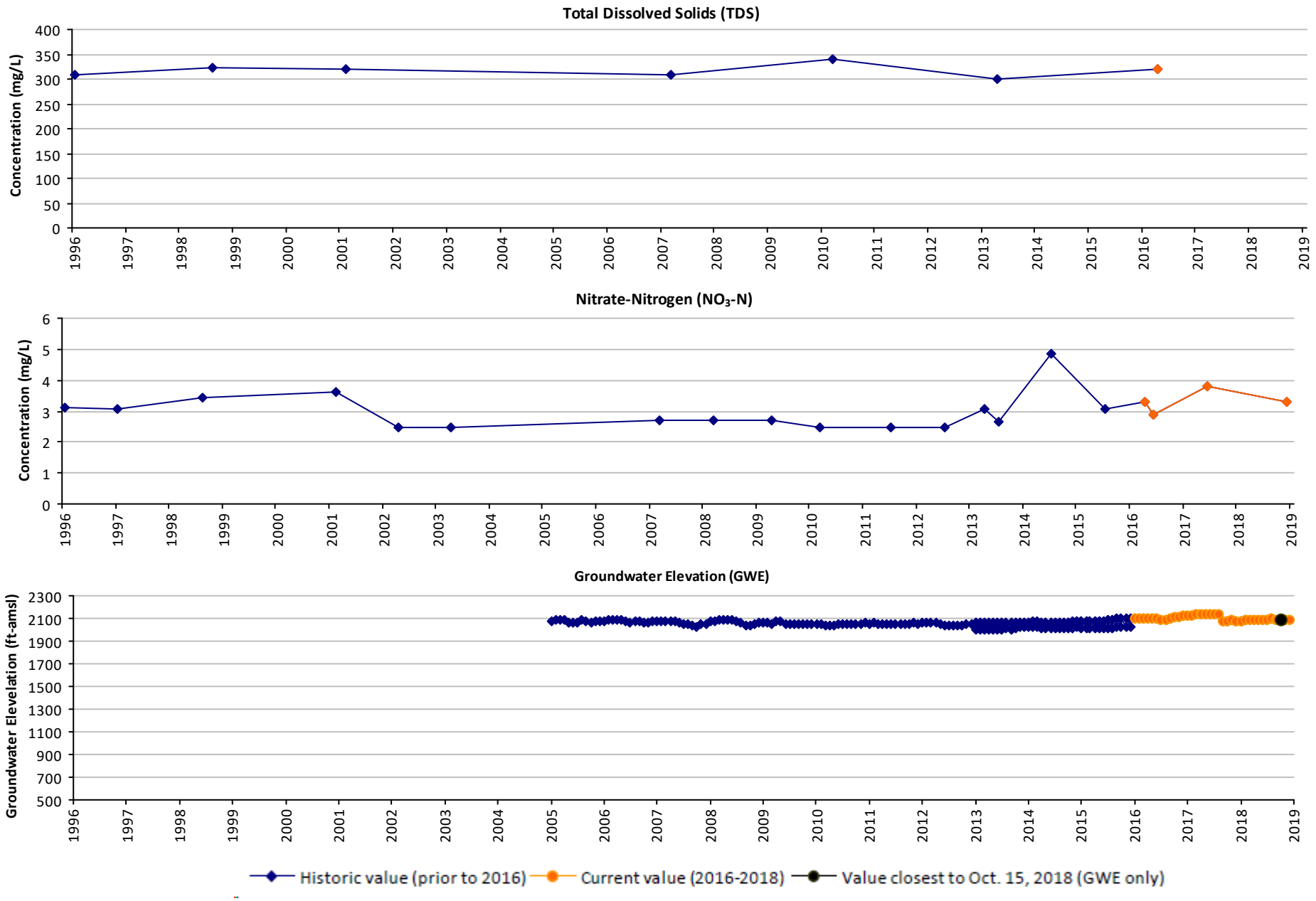

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

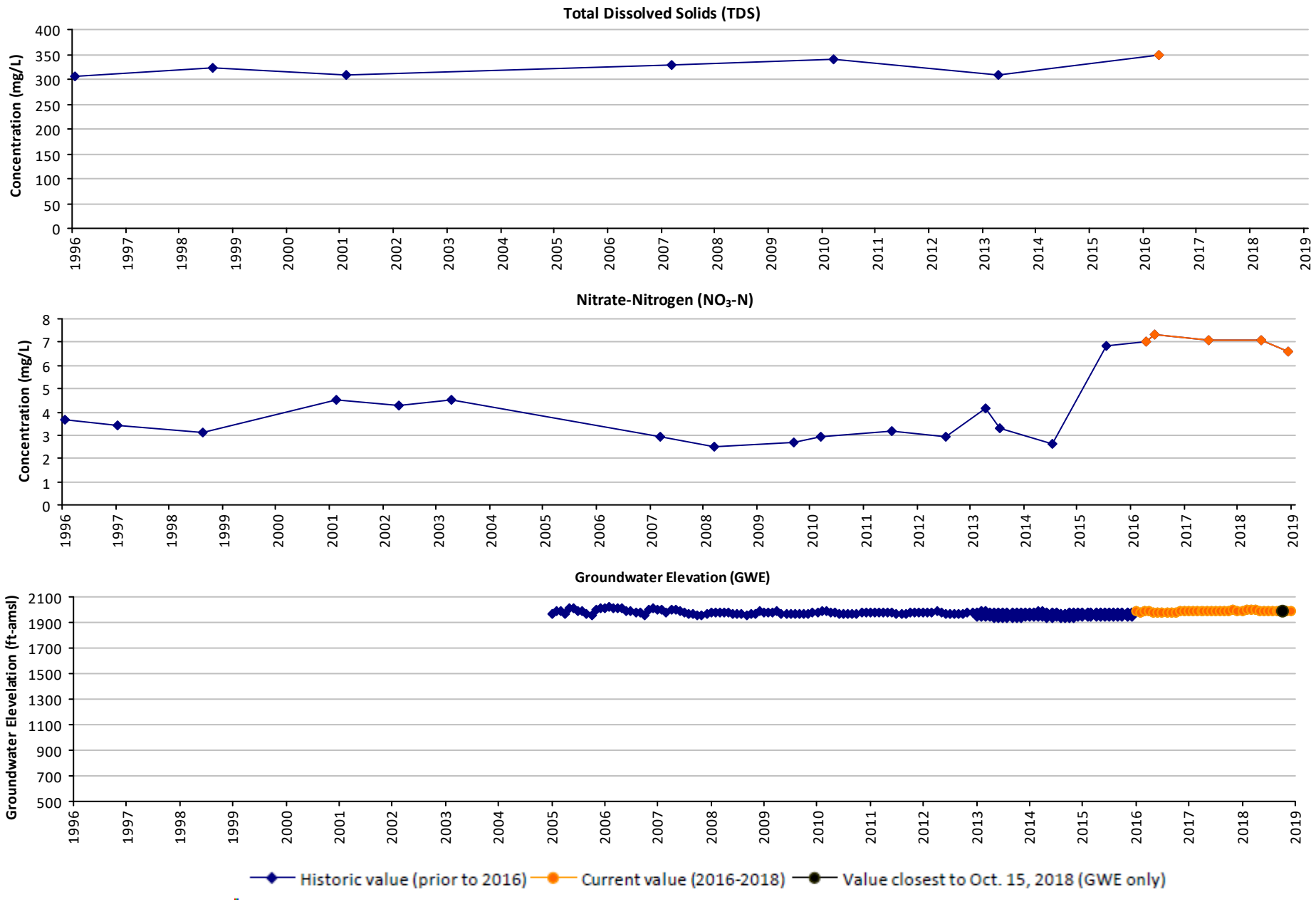

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
2500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

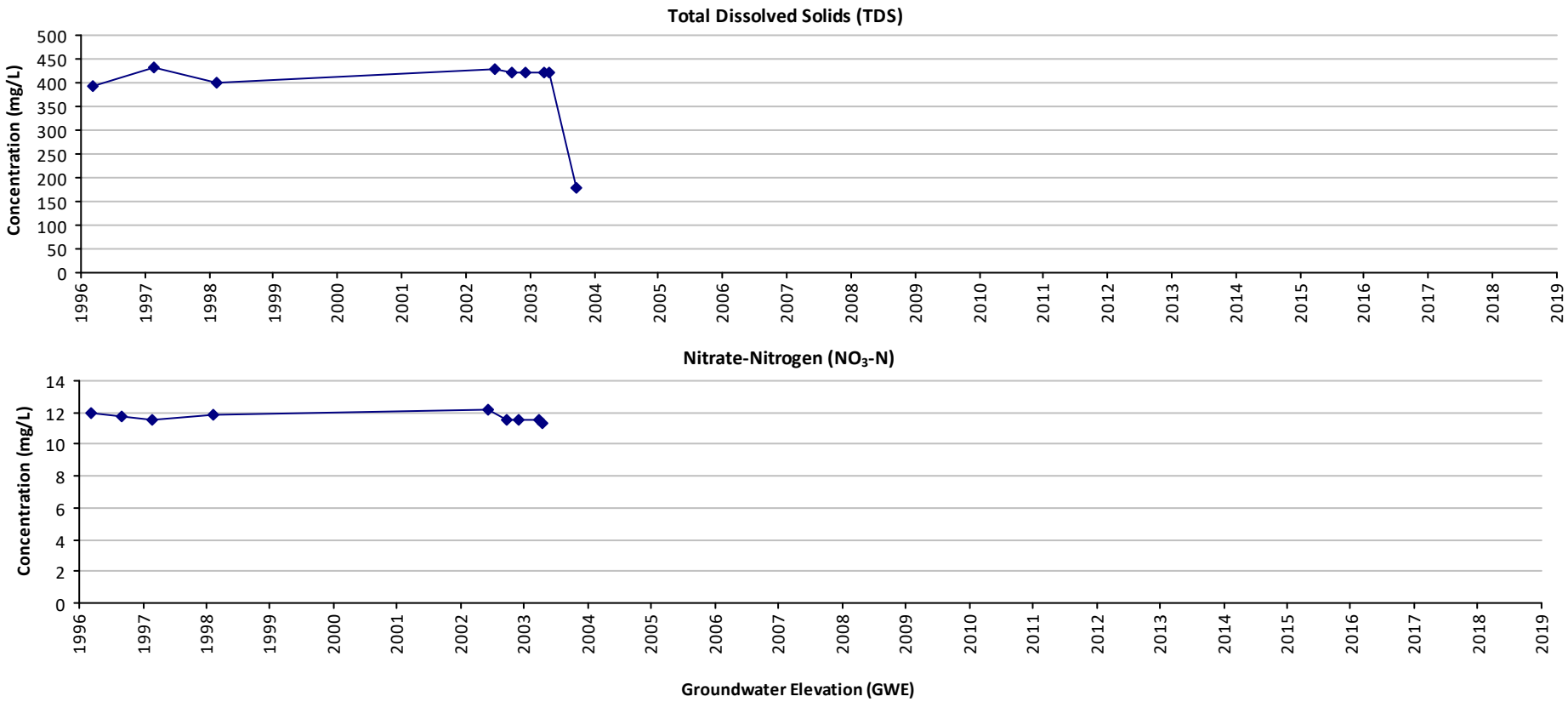

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

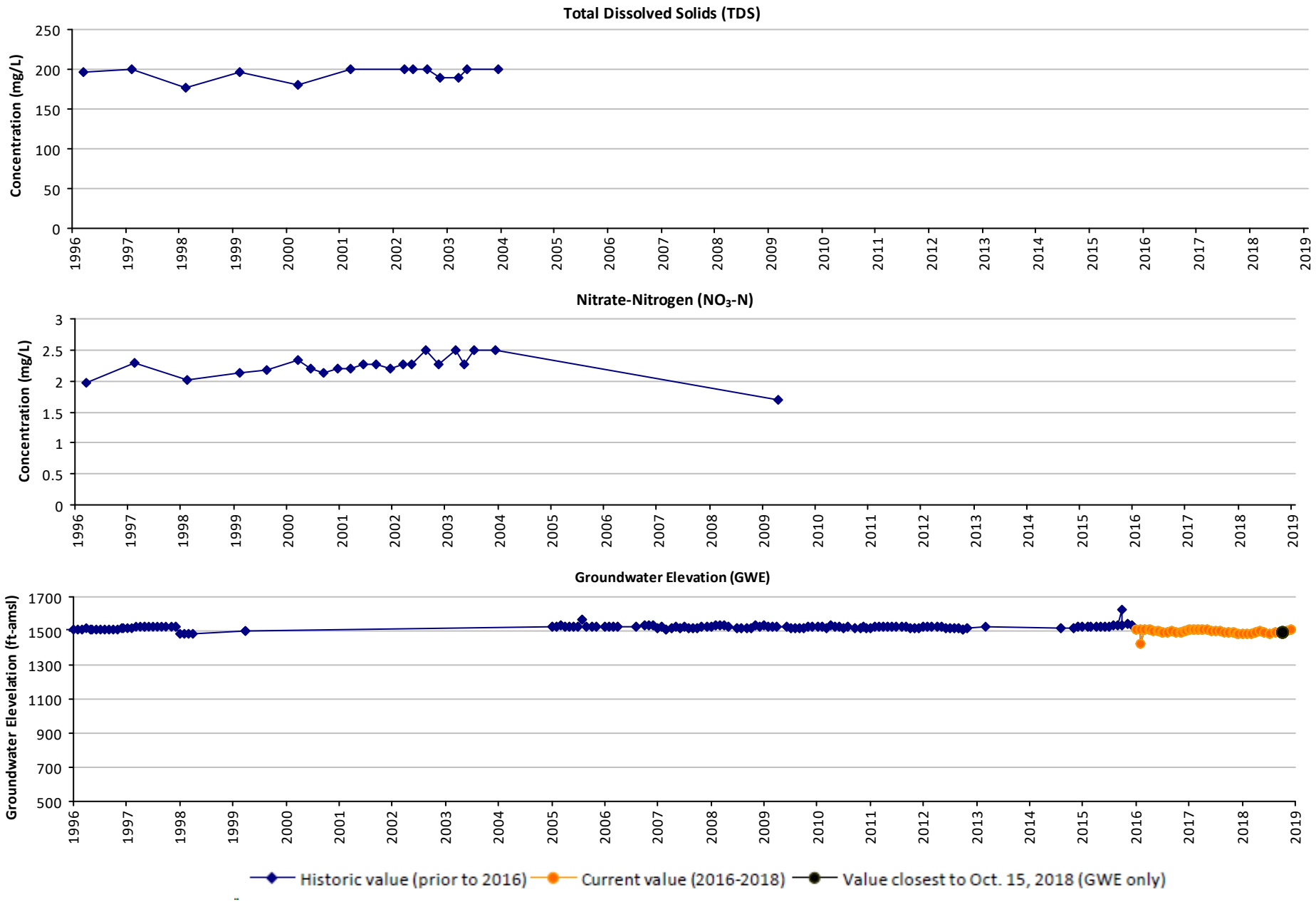

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

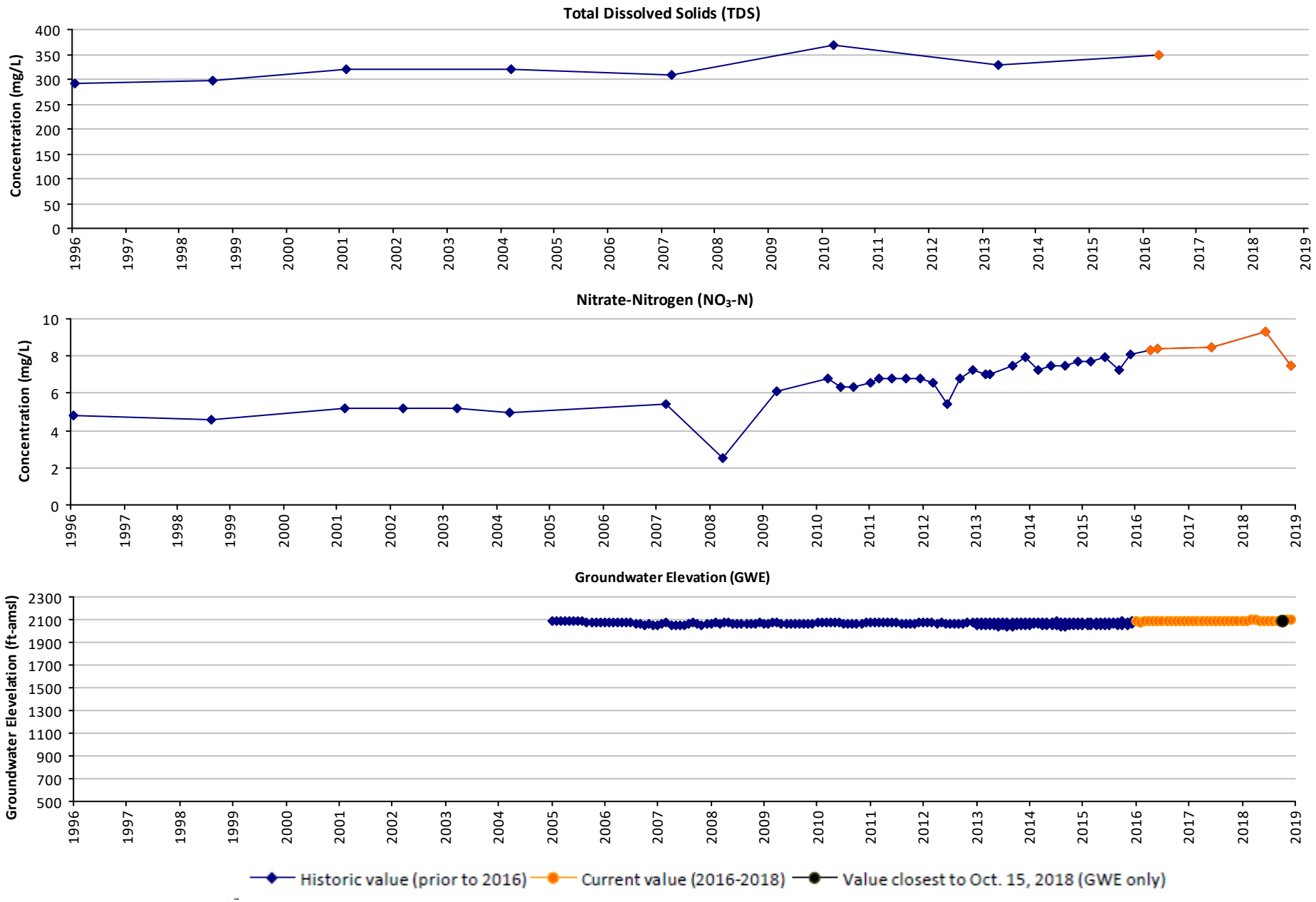

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

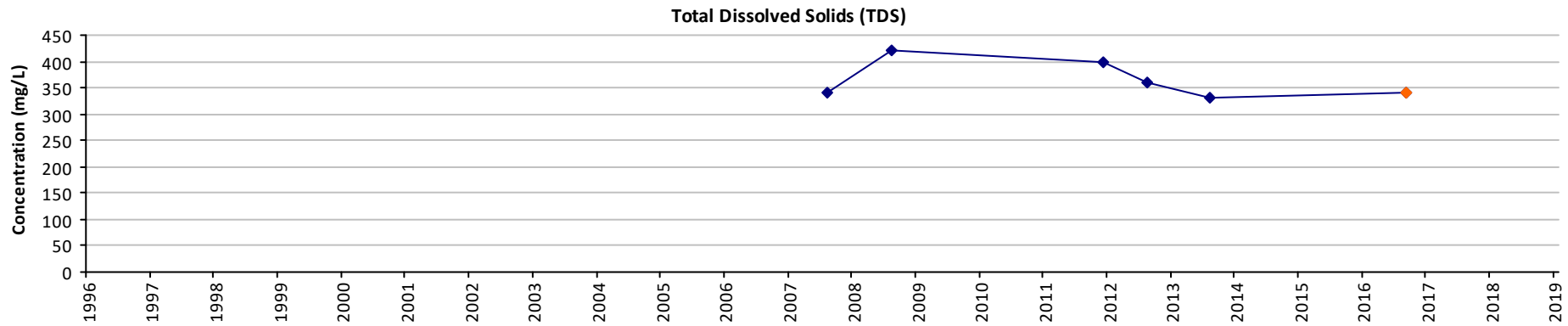

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

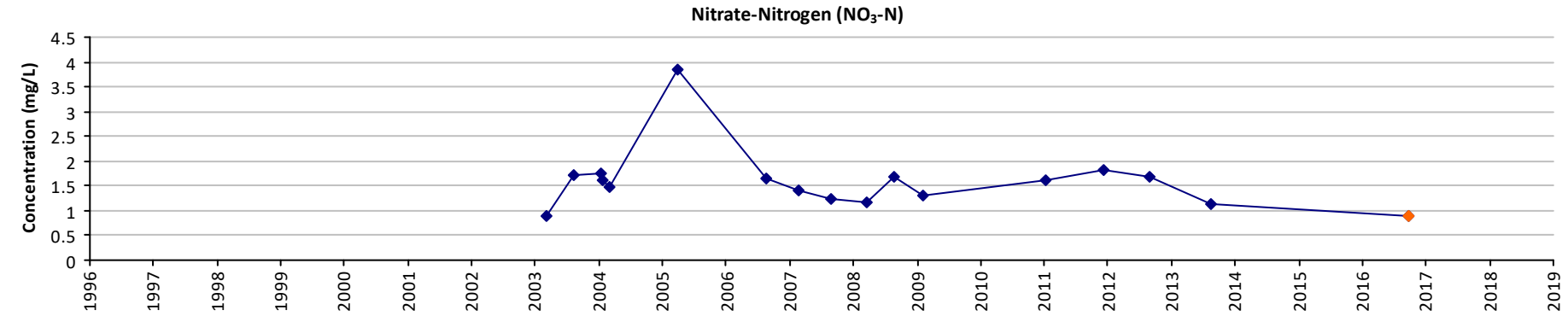

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

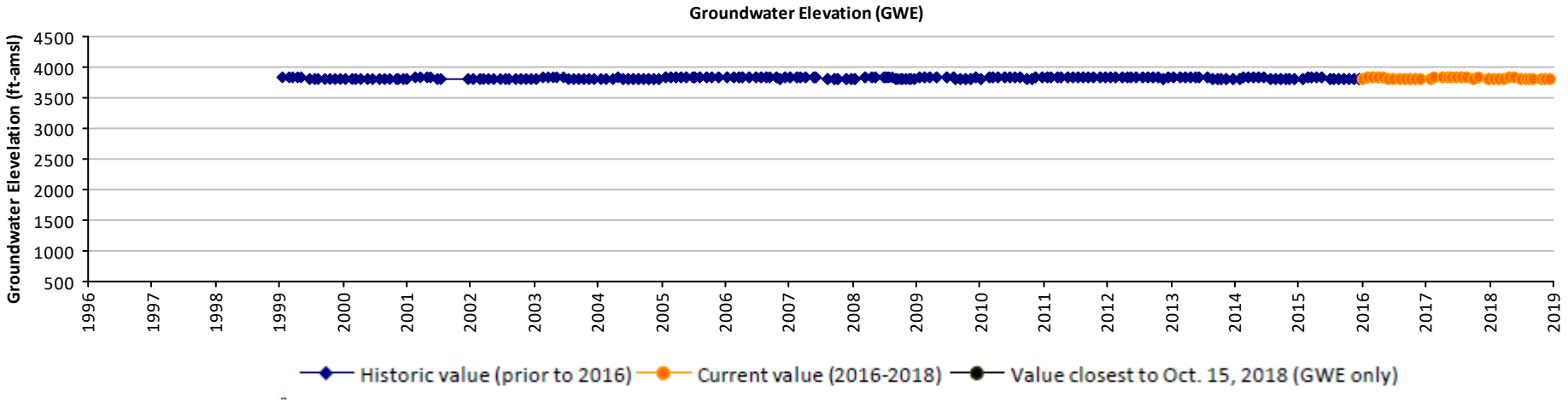

Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

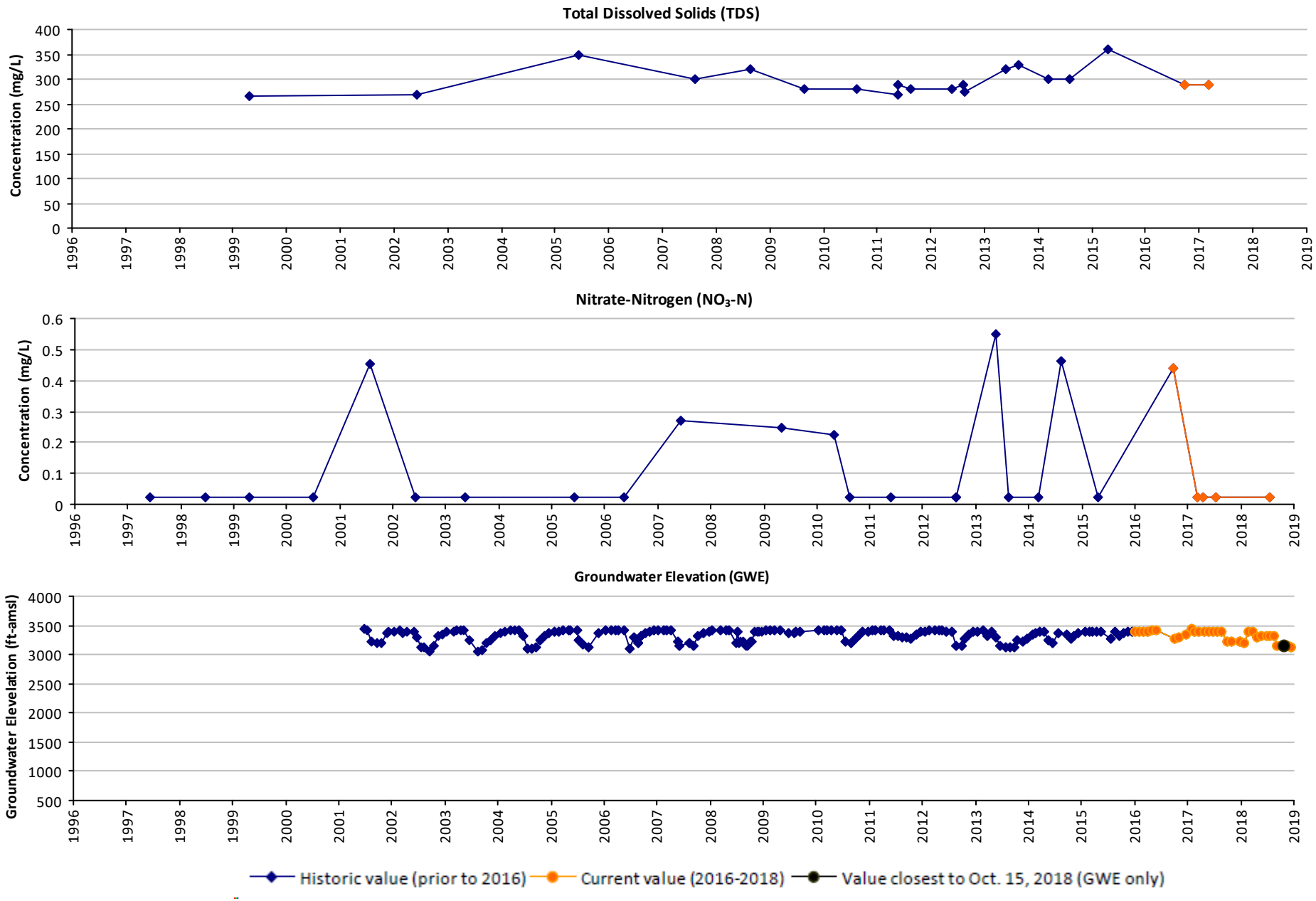

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

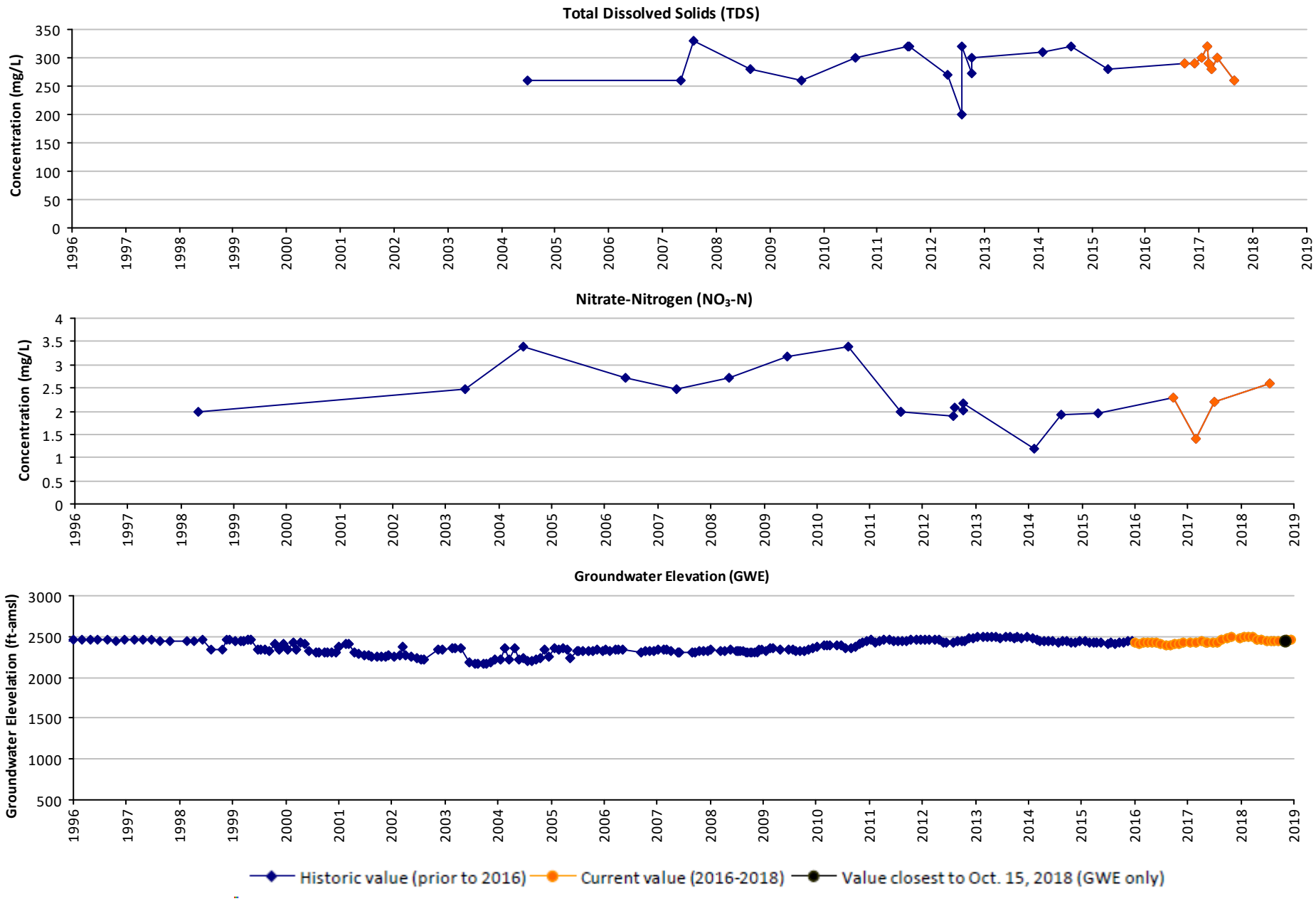

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

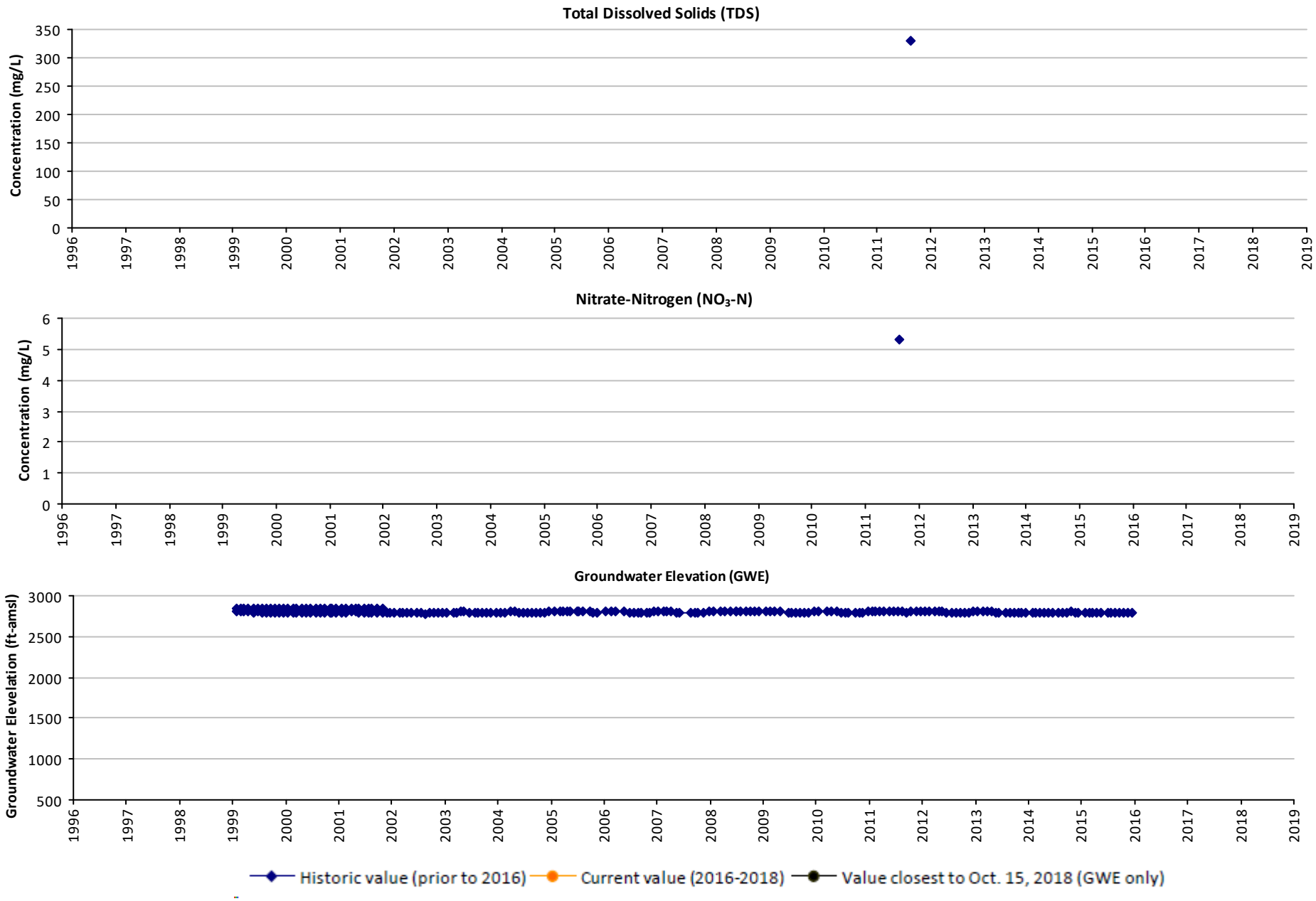

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

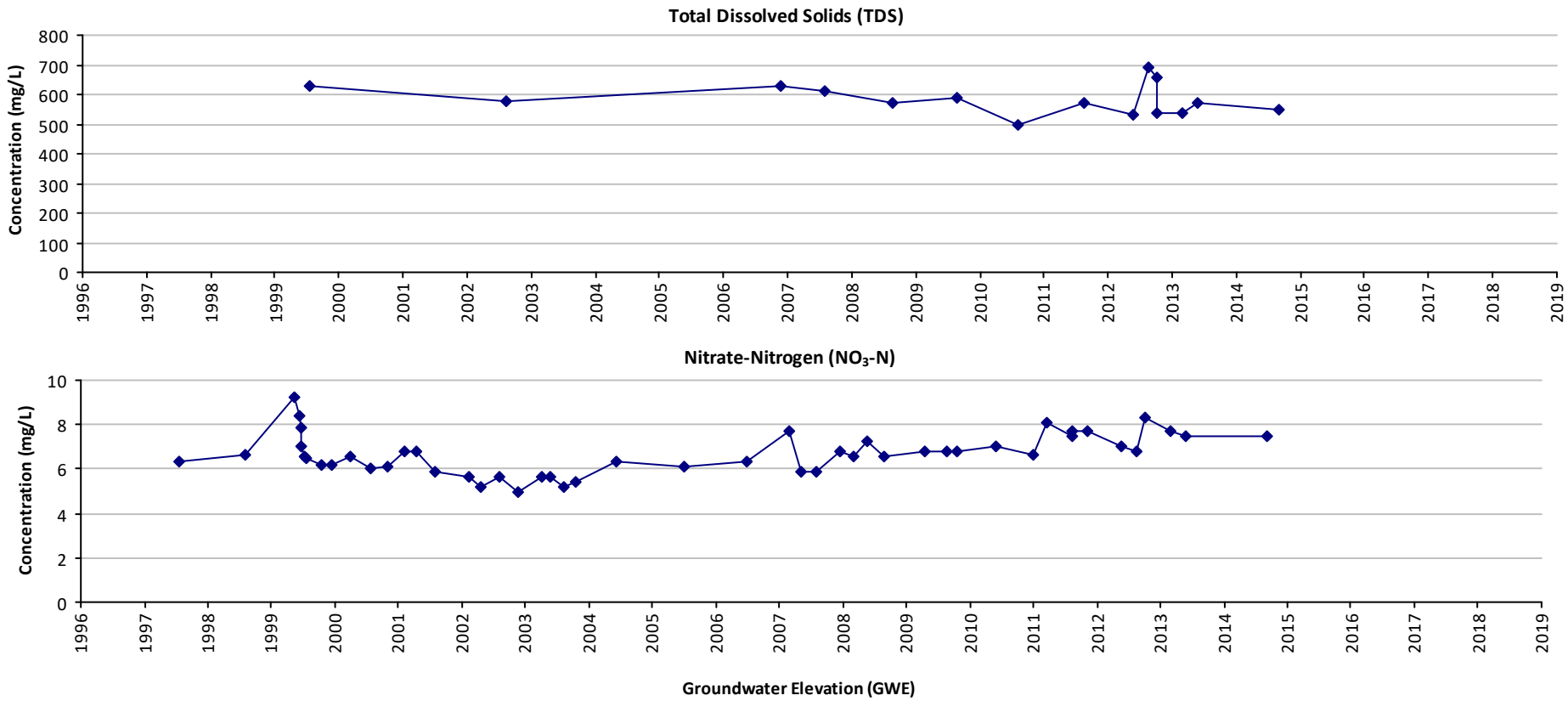

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

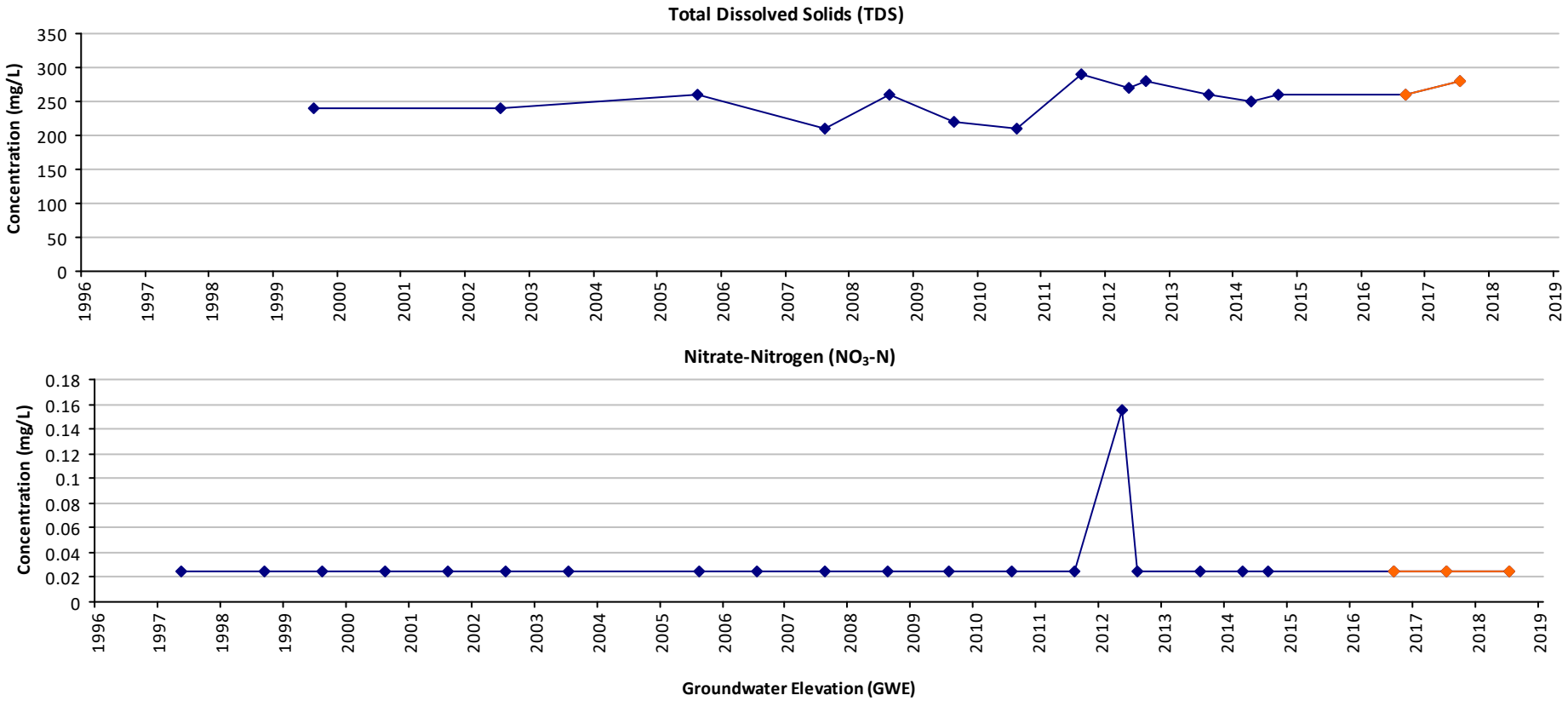

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
3500
4000
4500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

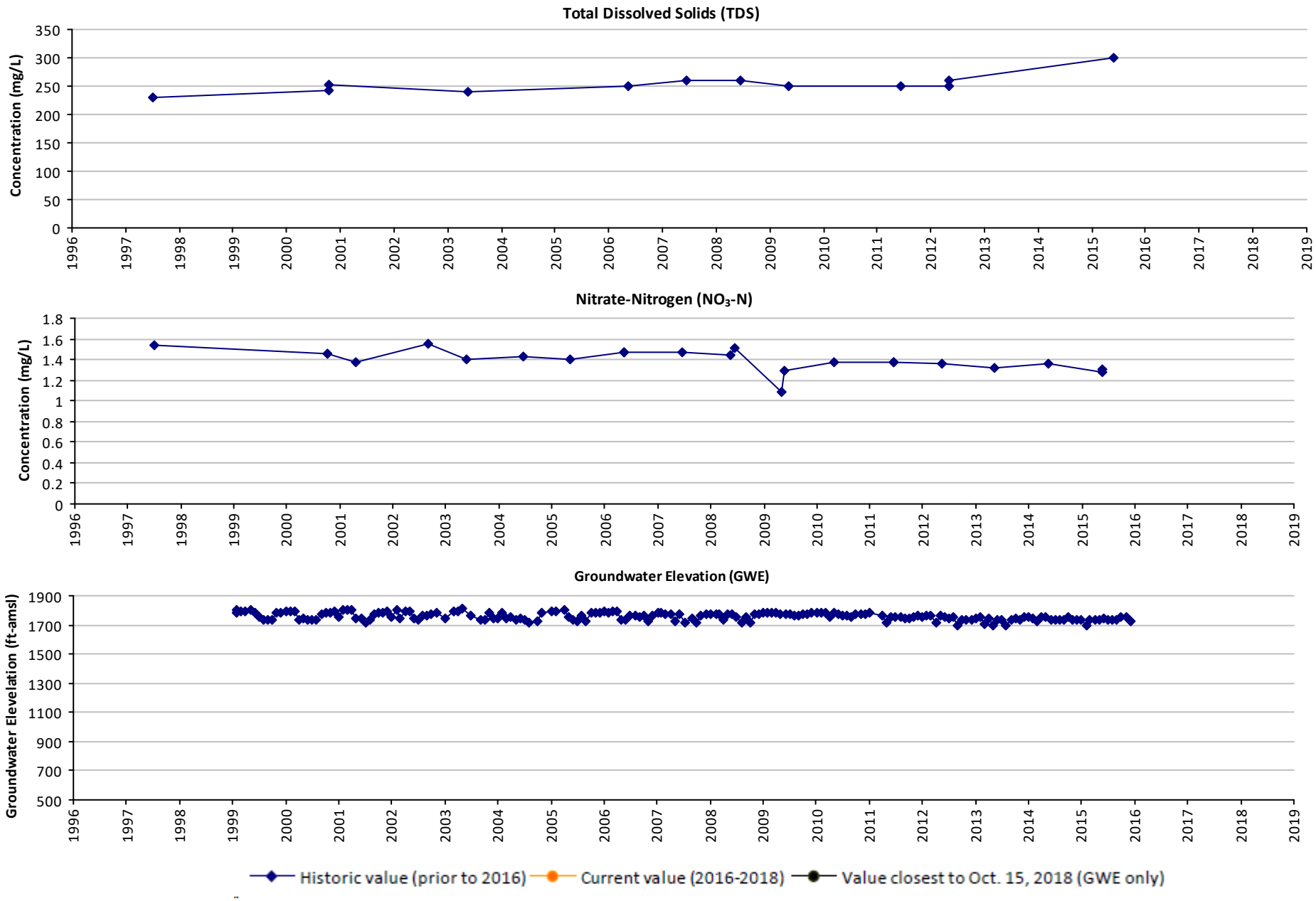

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

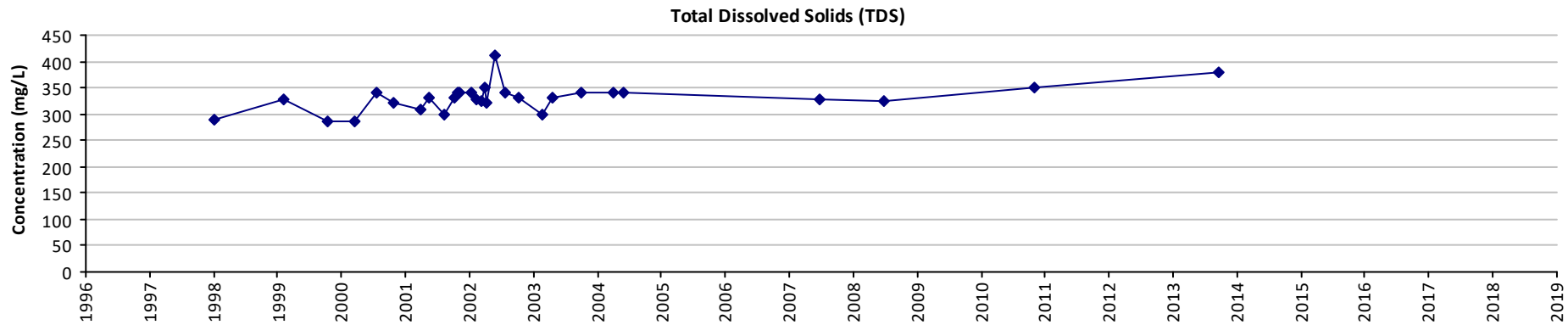

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
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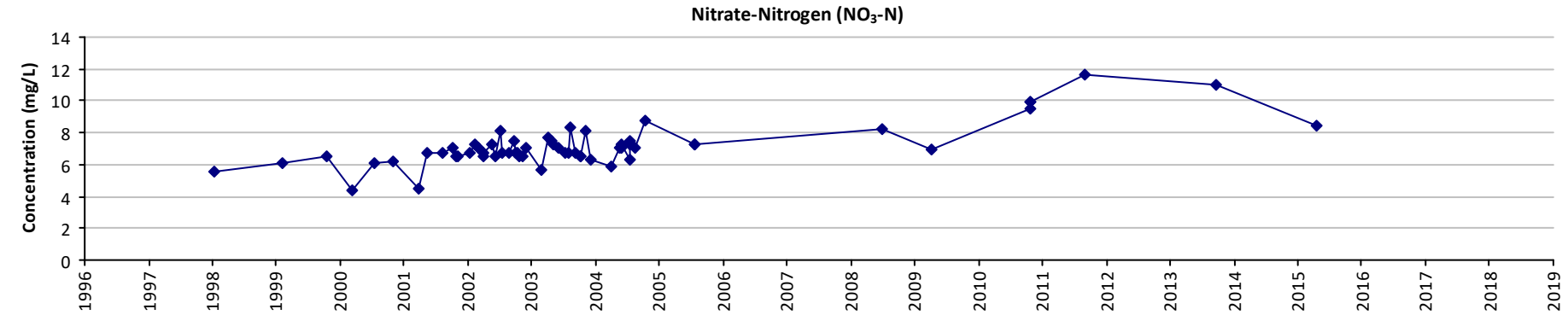
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
2
4
6
8
10
12
14
1996
1997
1998
1999
2000
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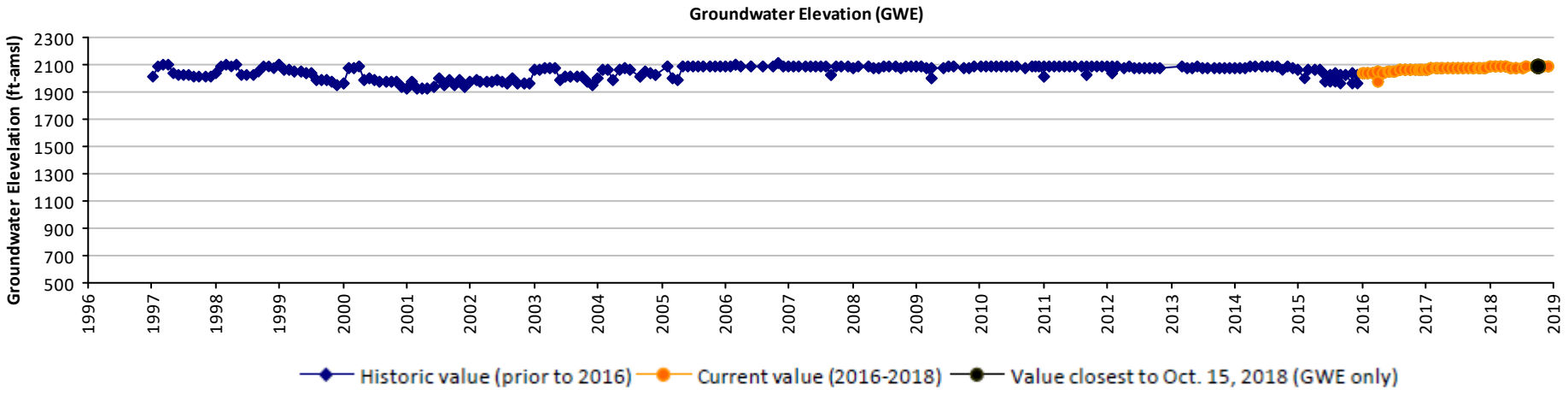
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
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2012
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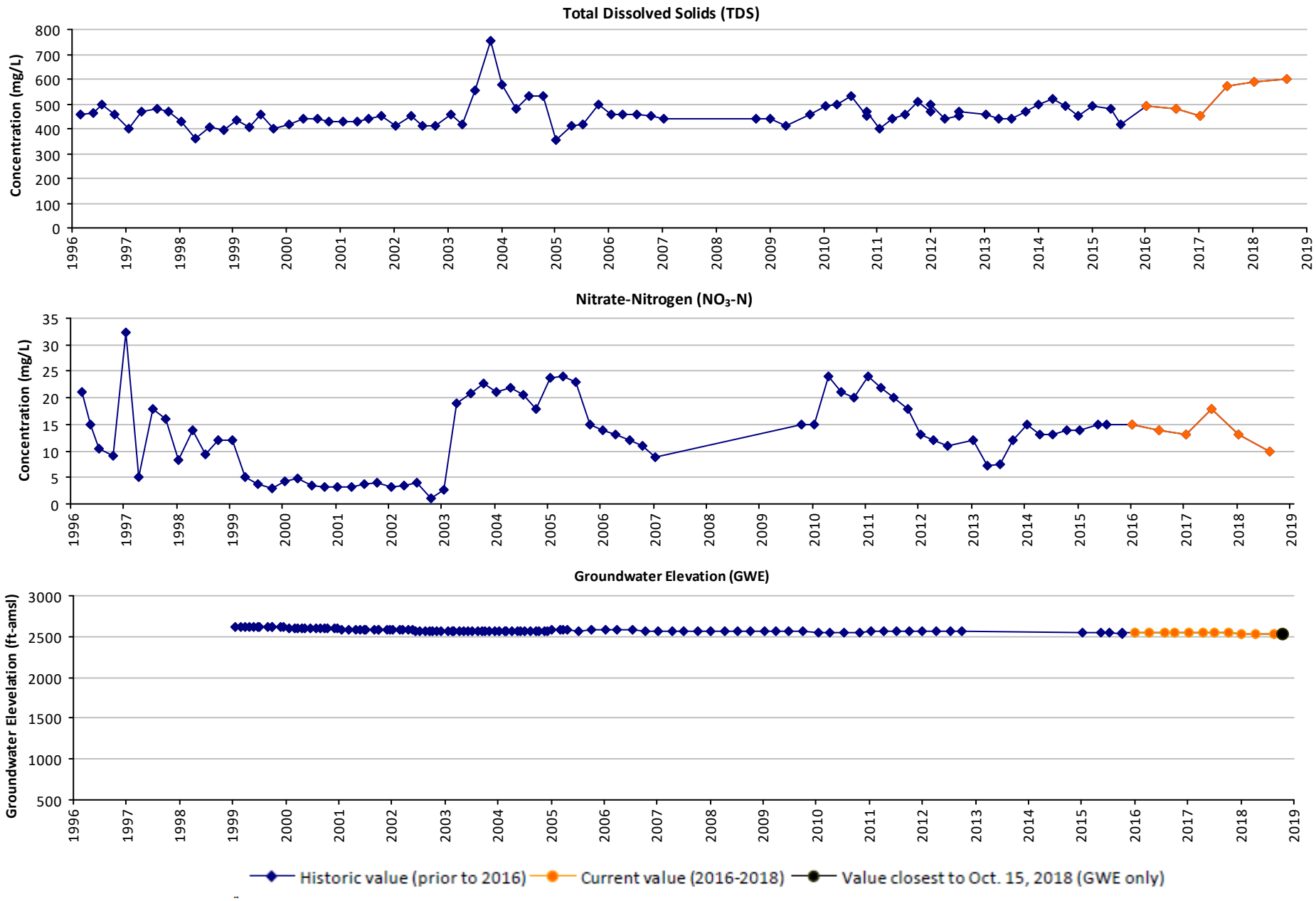
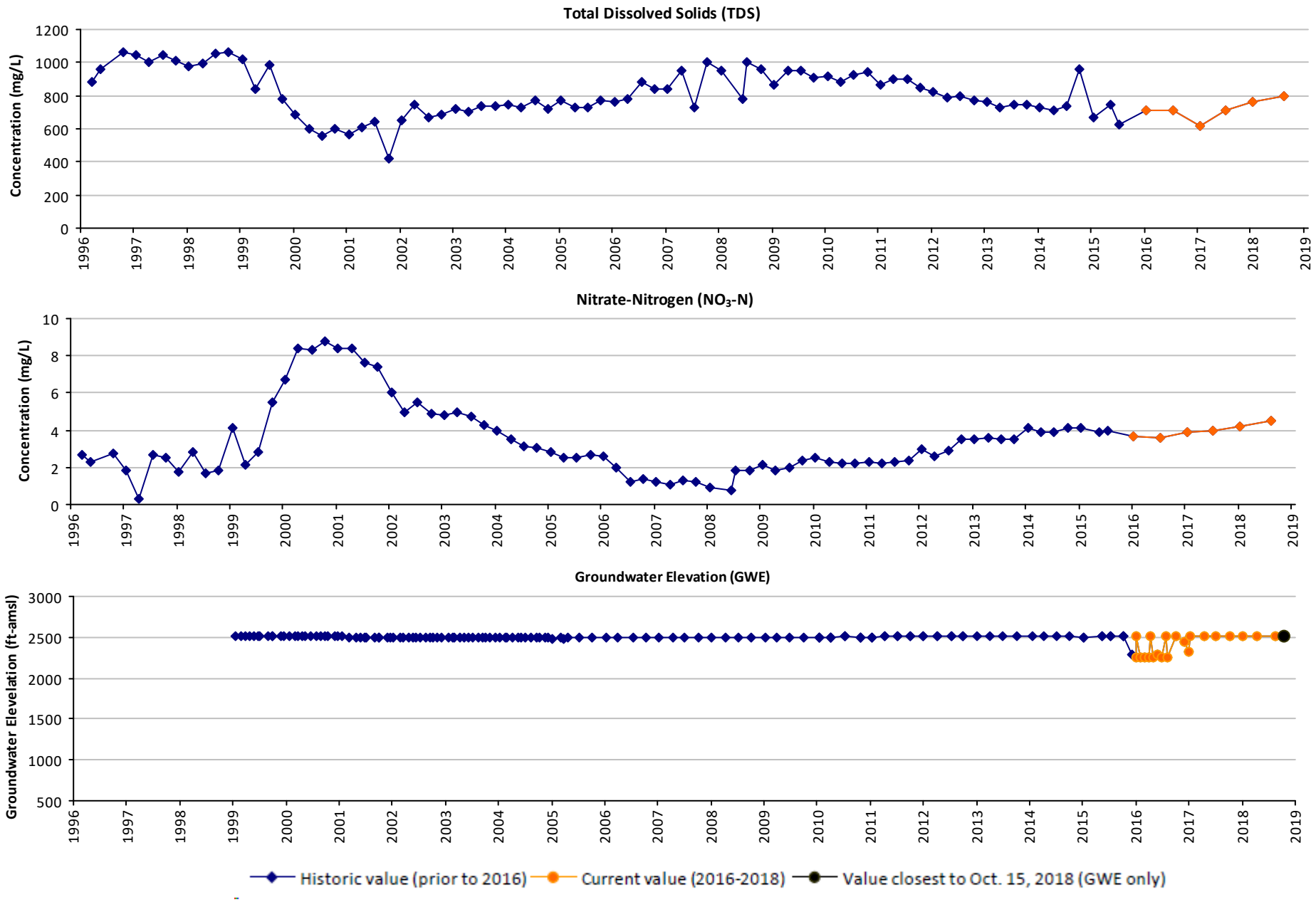
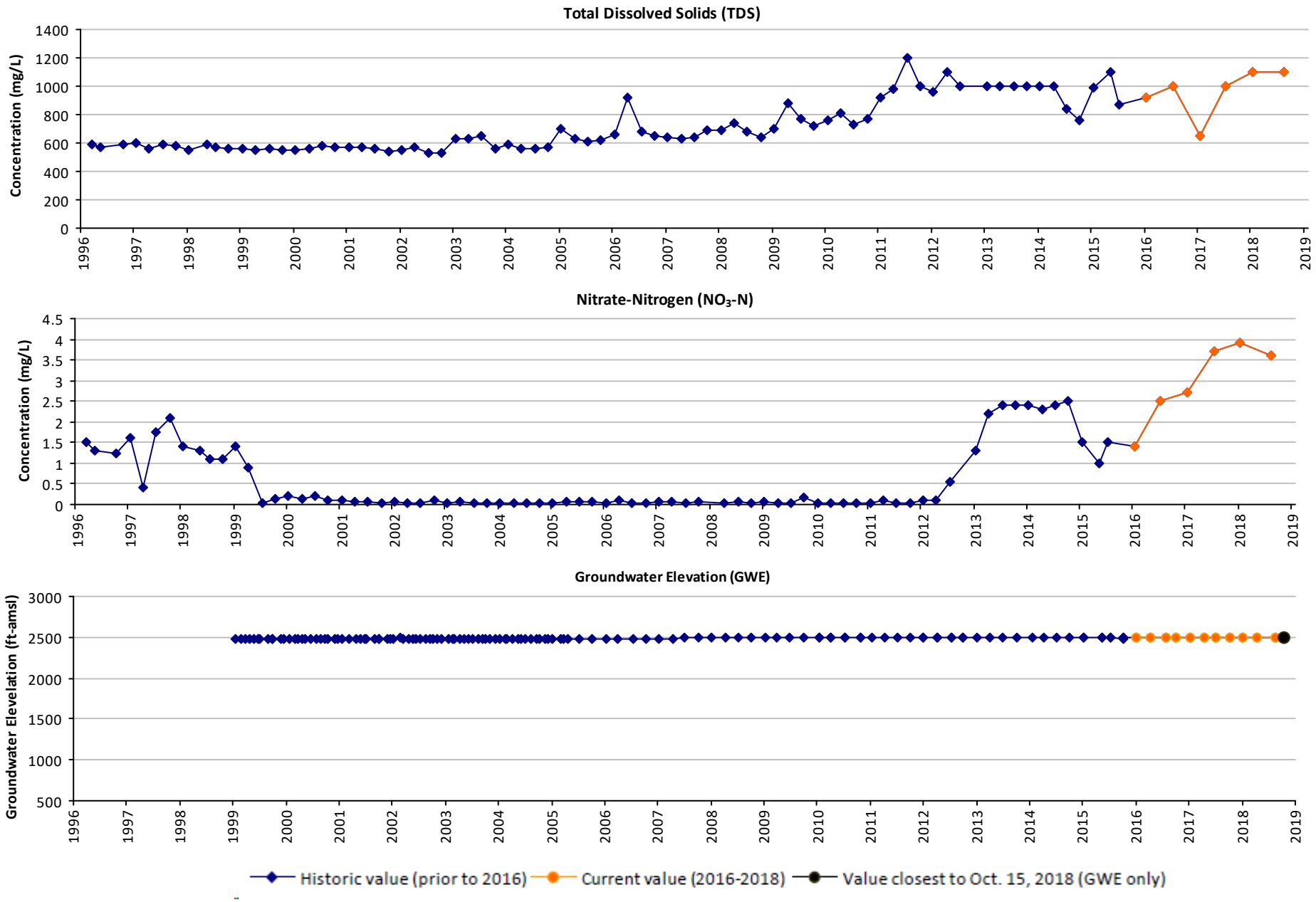
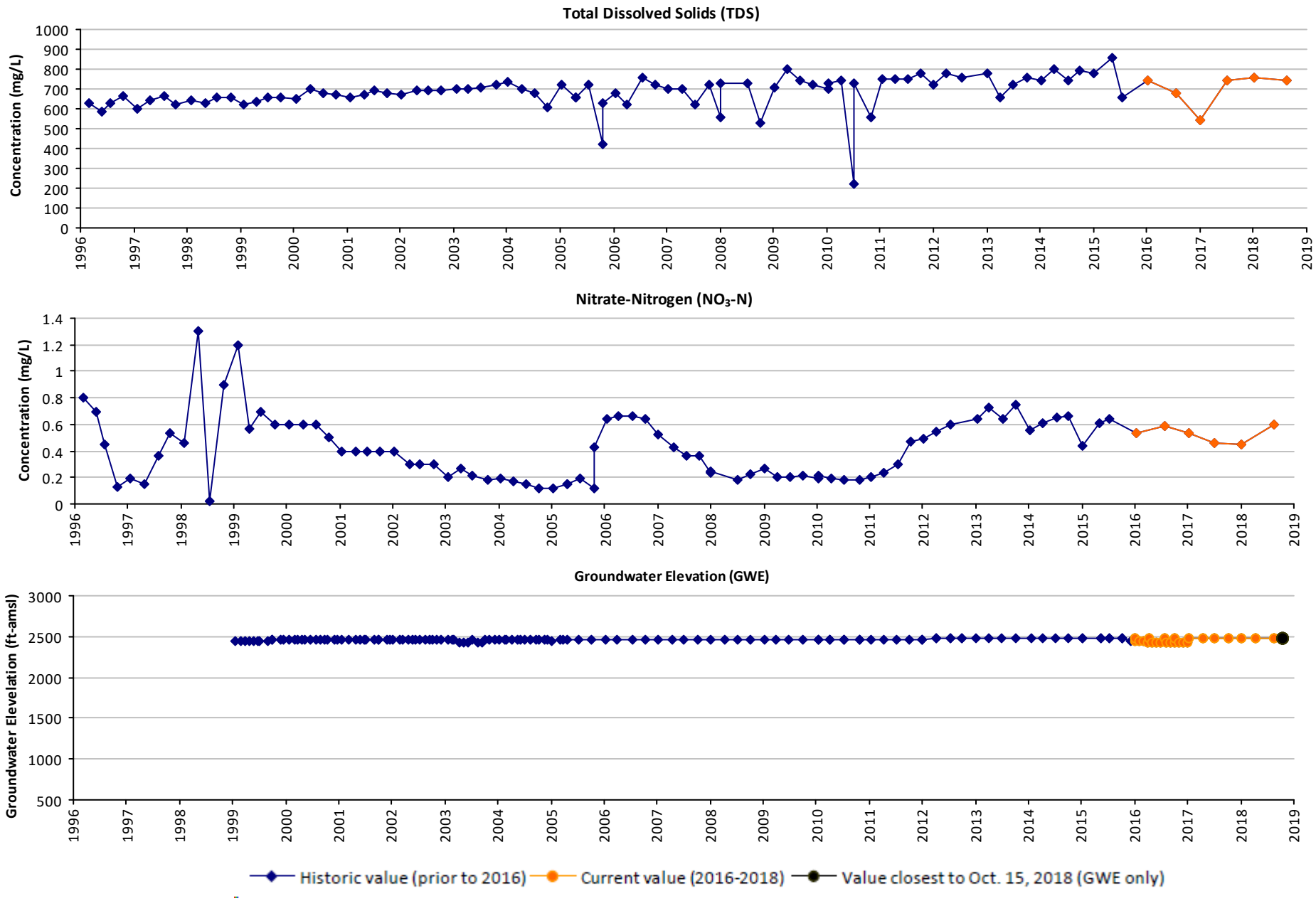
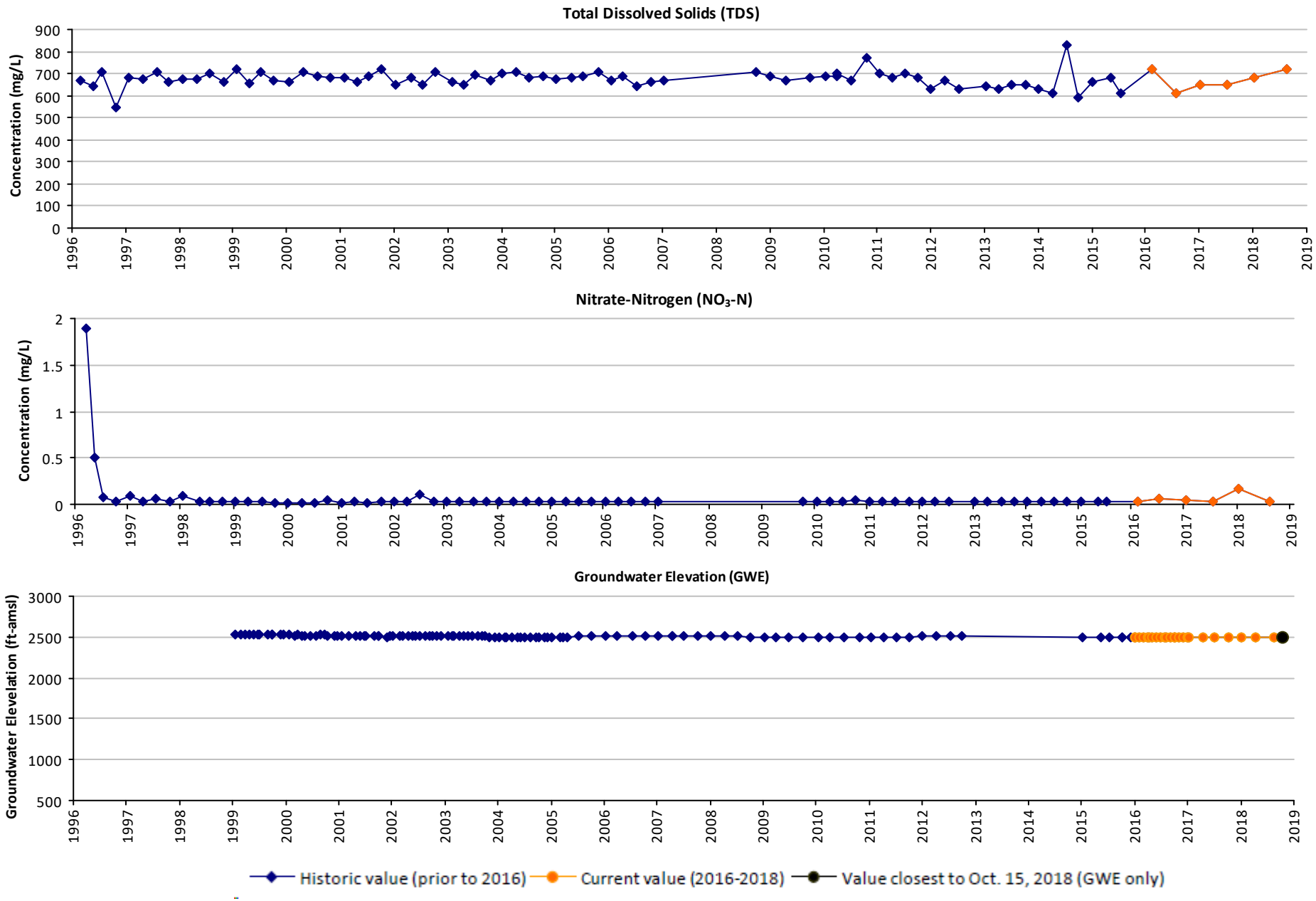
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

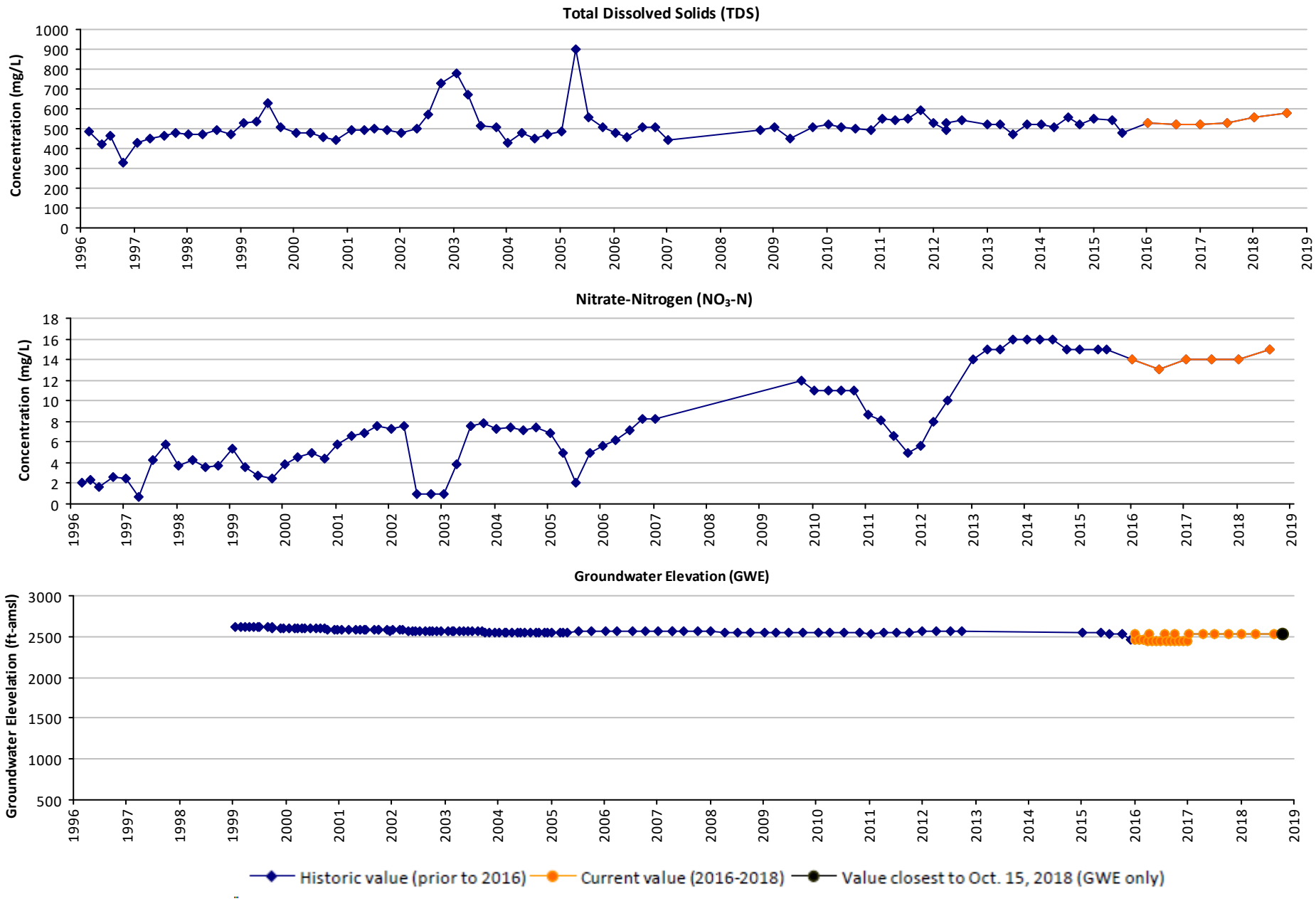

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

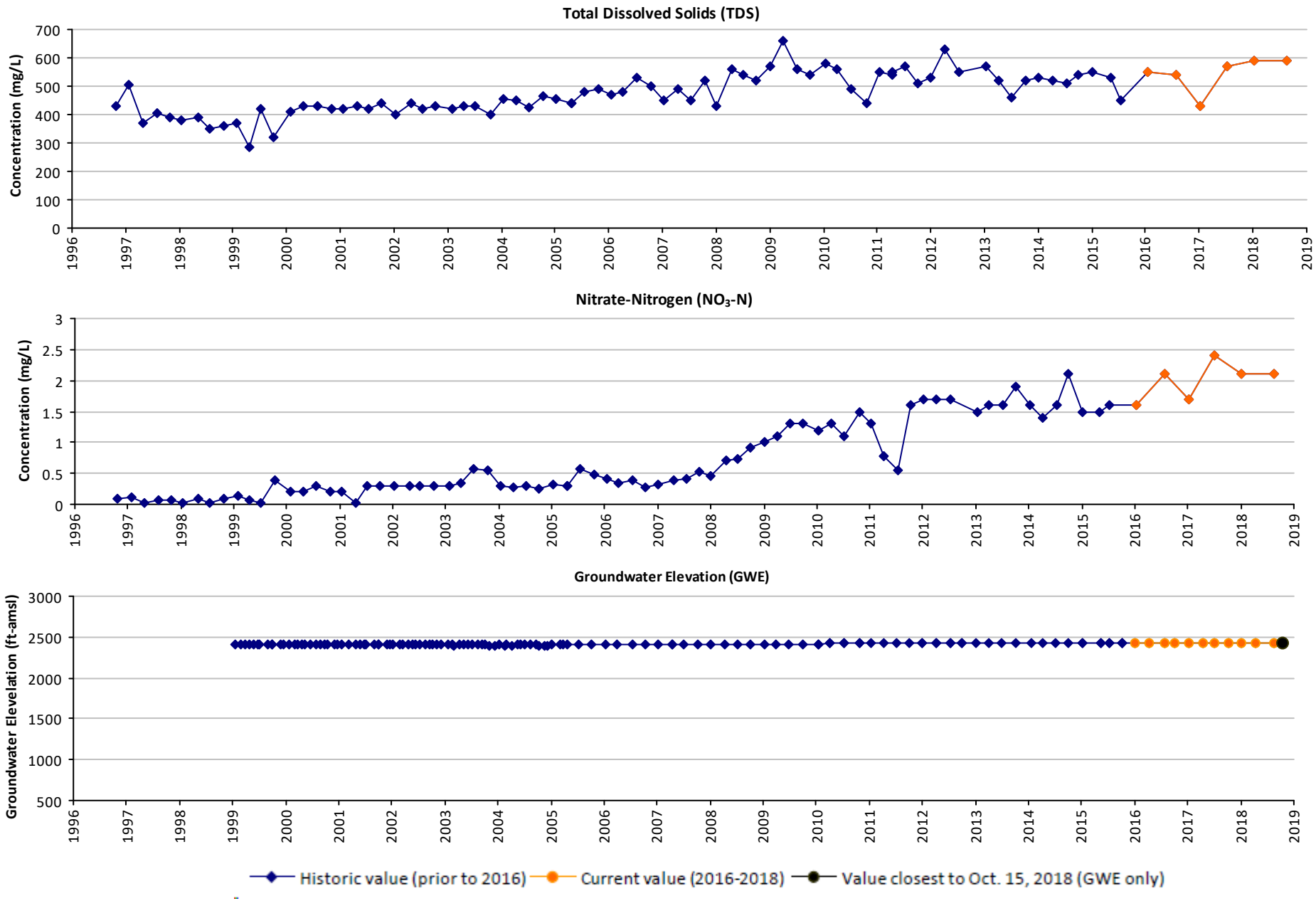

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

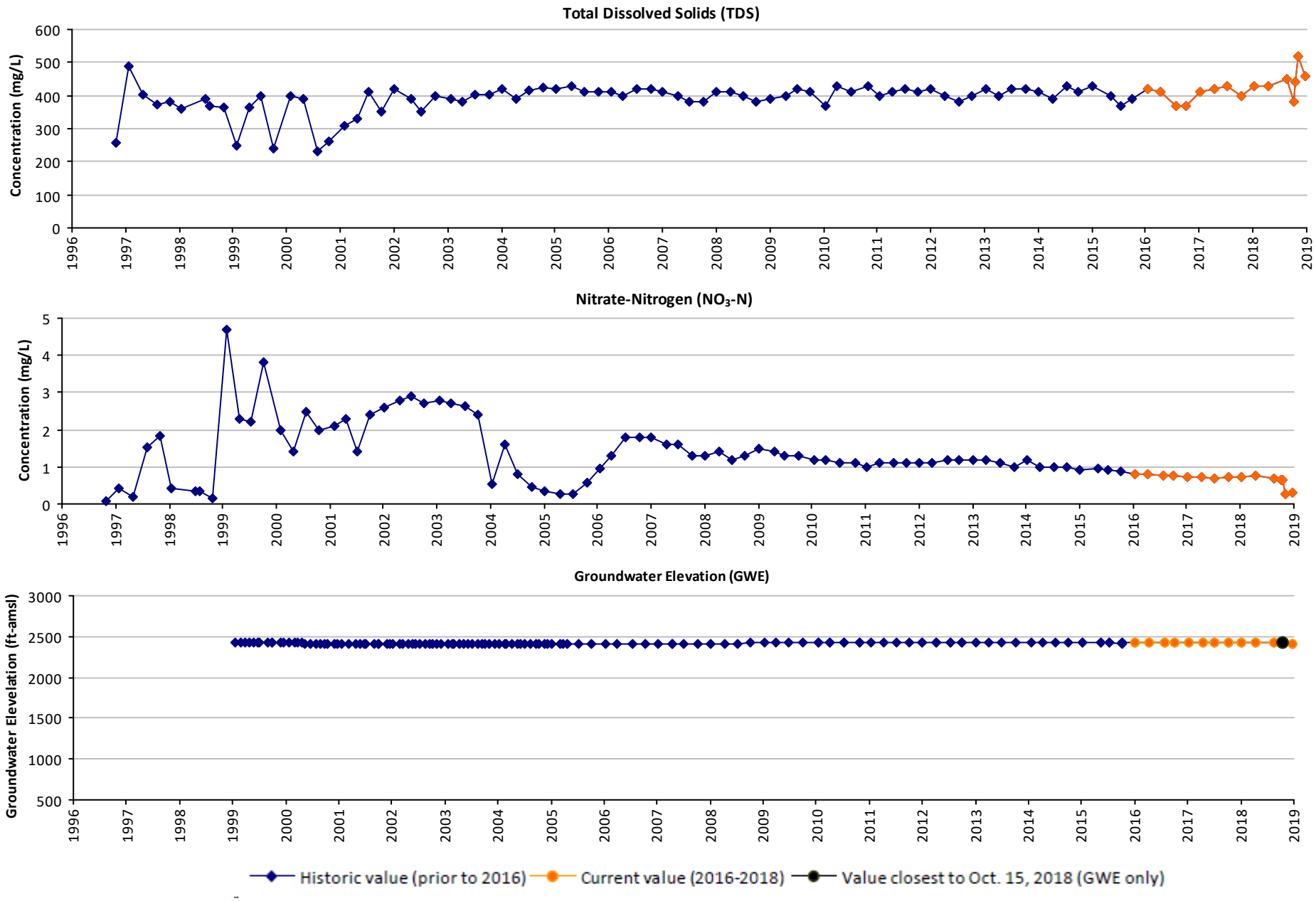

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

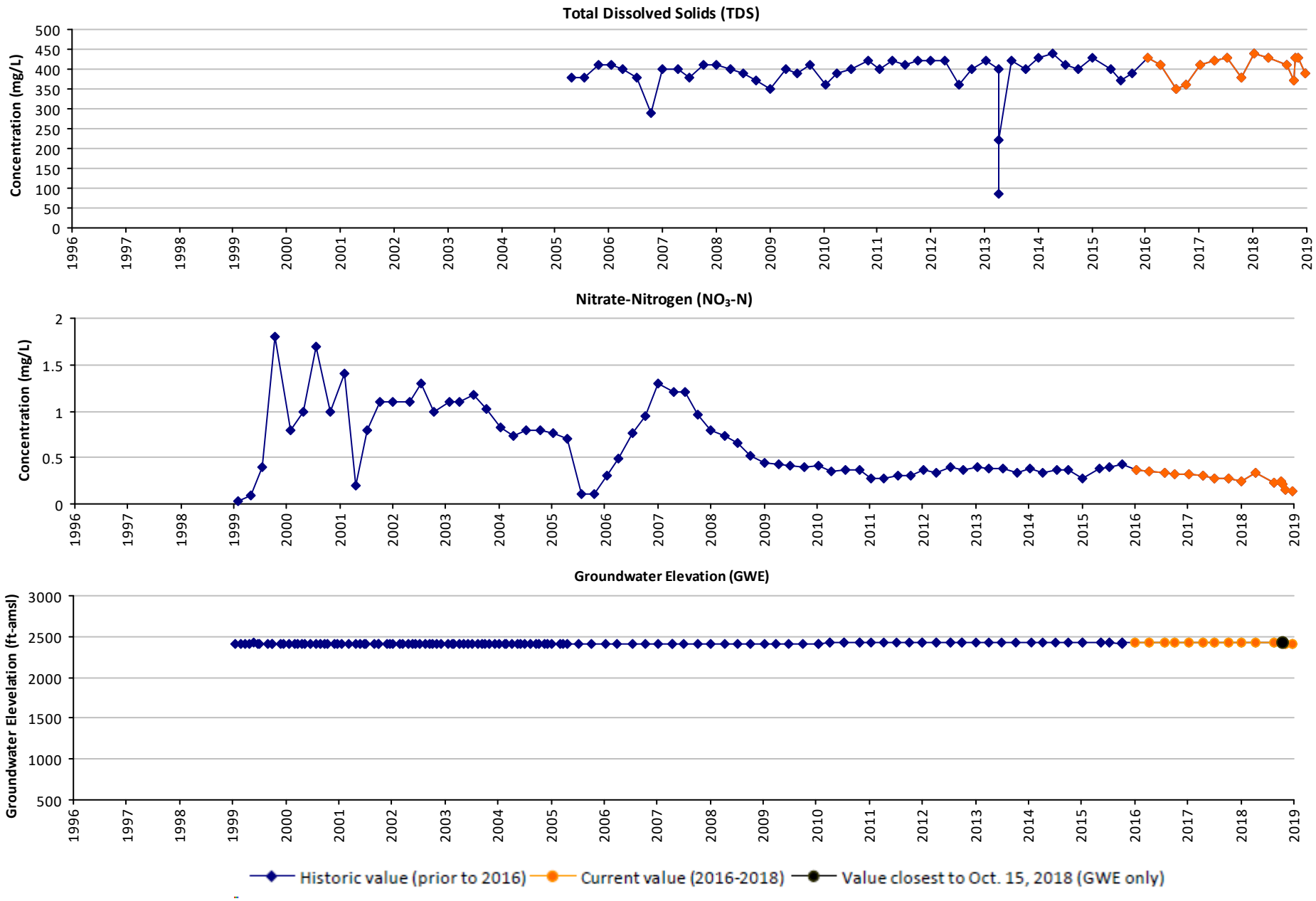

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

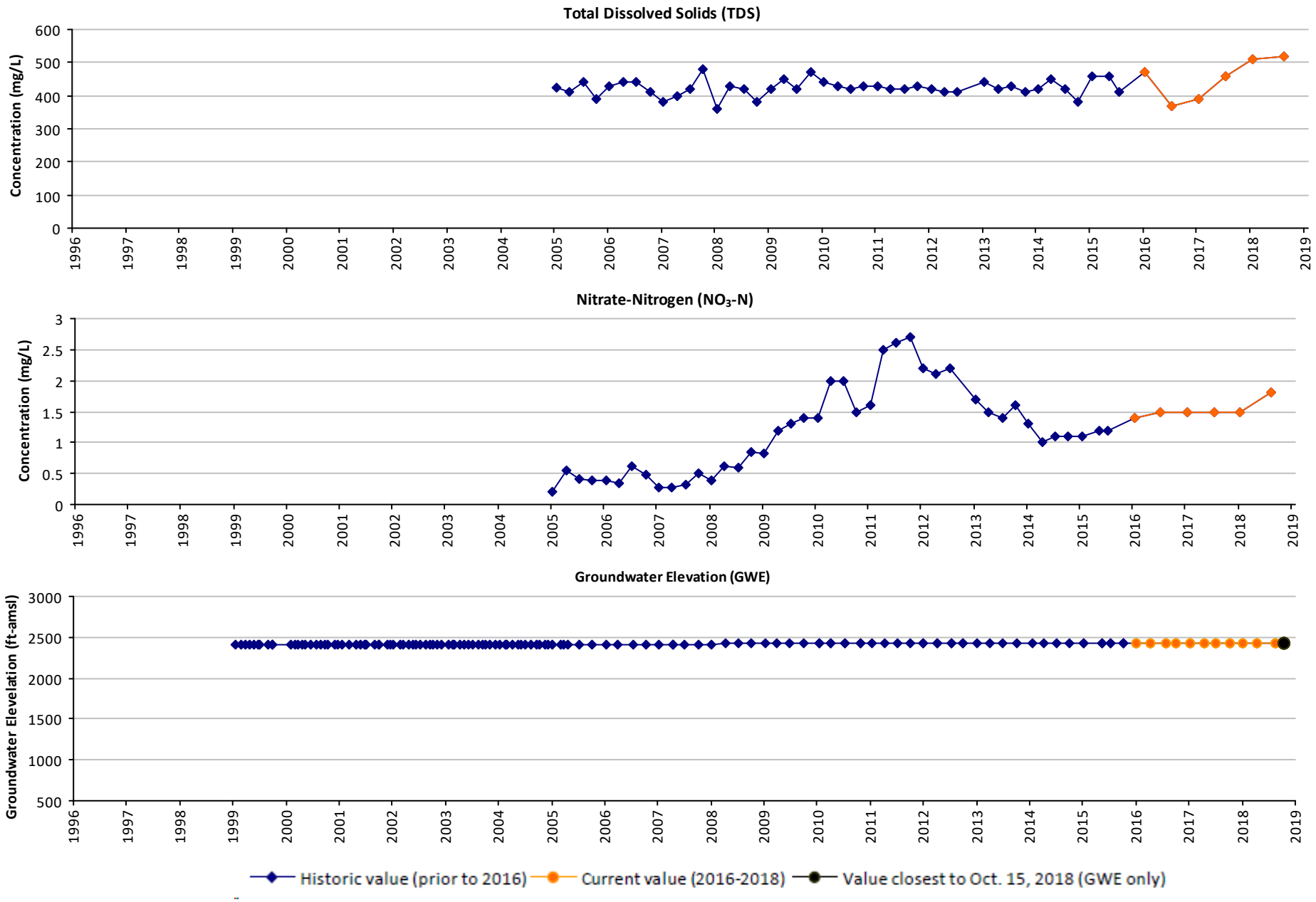

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

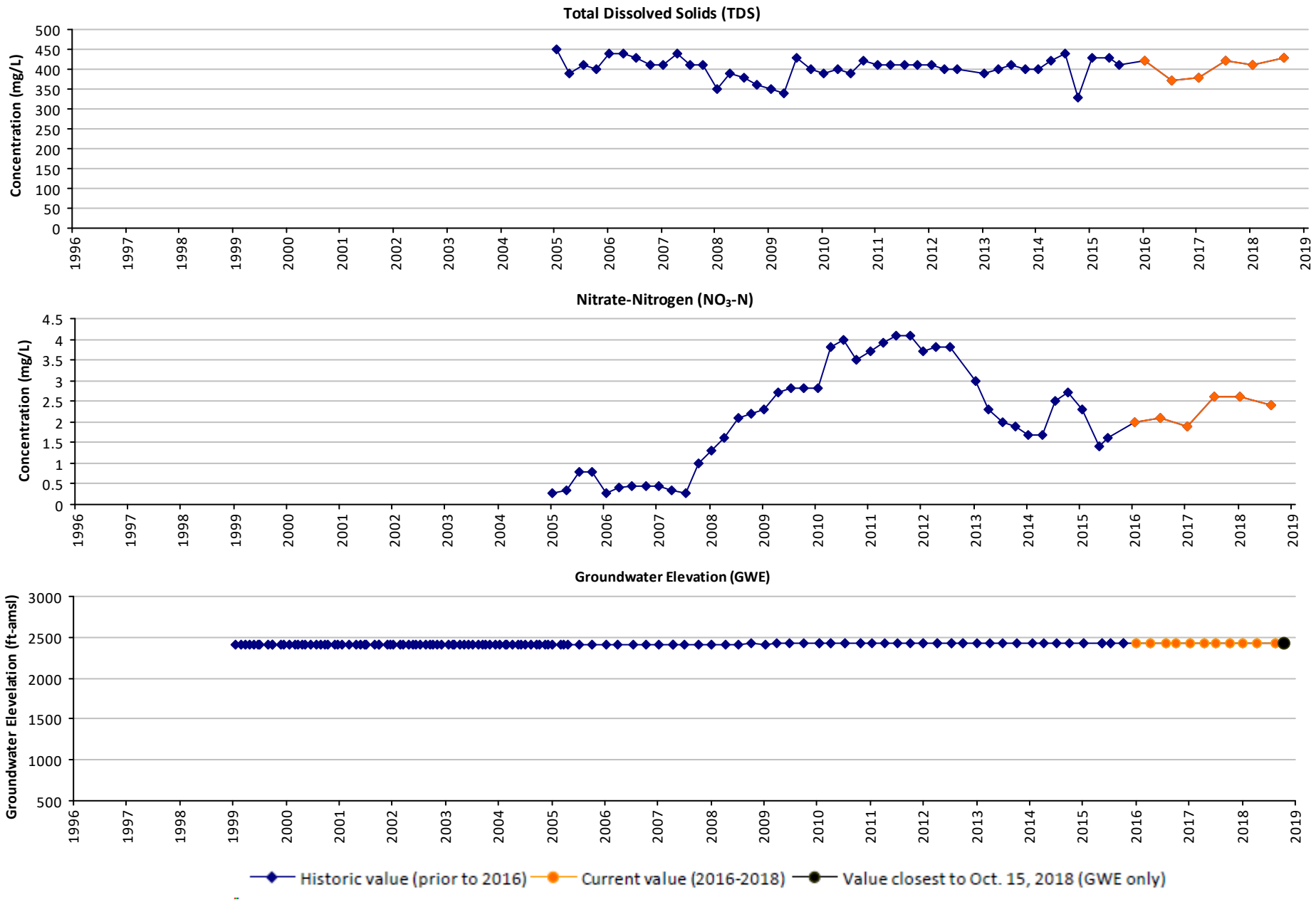

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

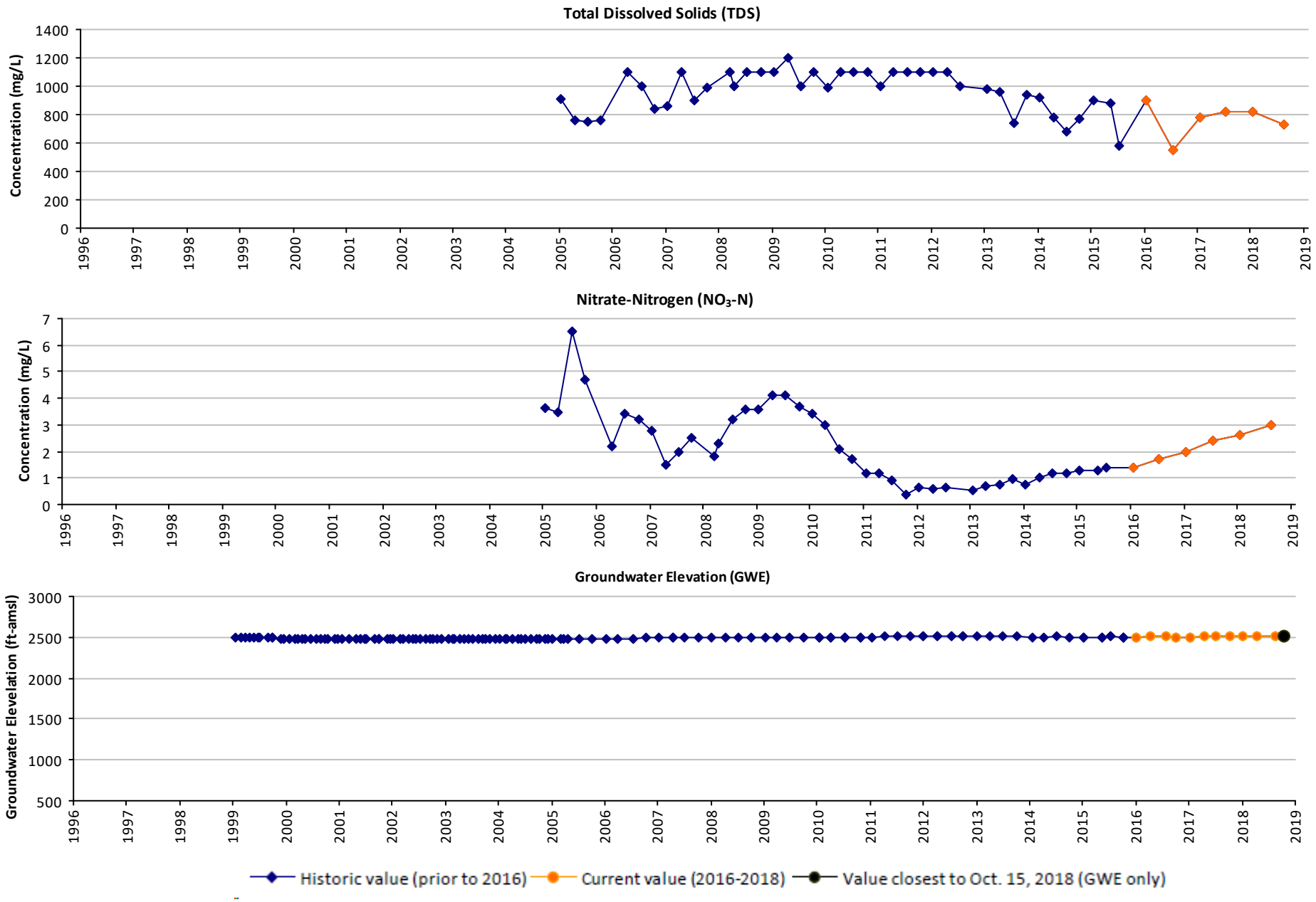

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

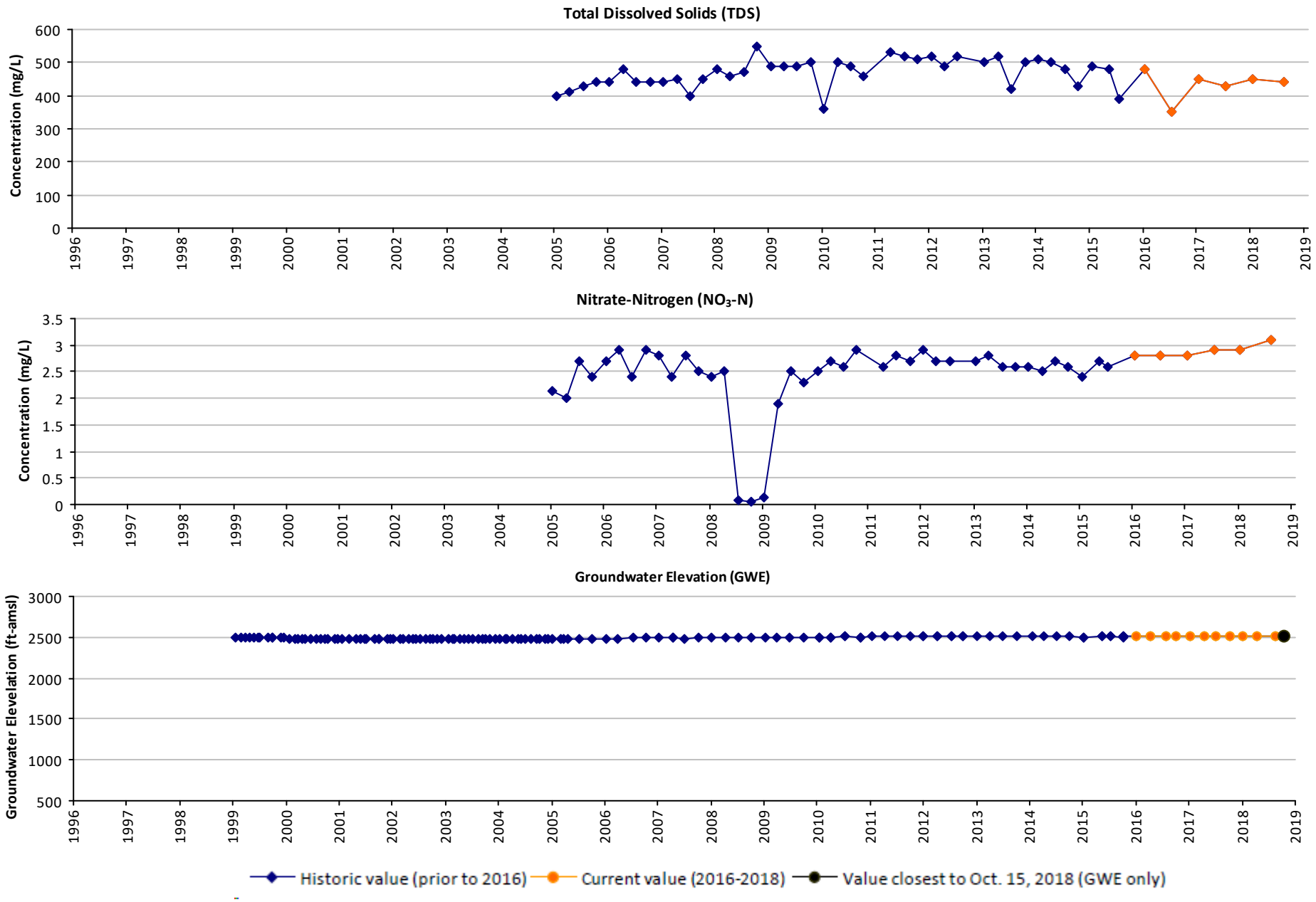

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

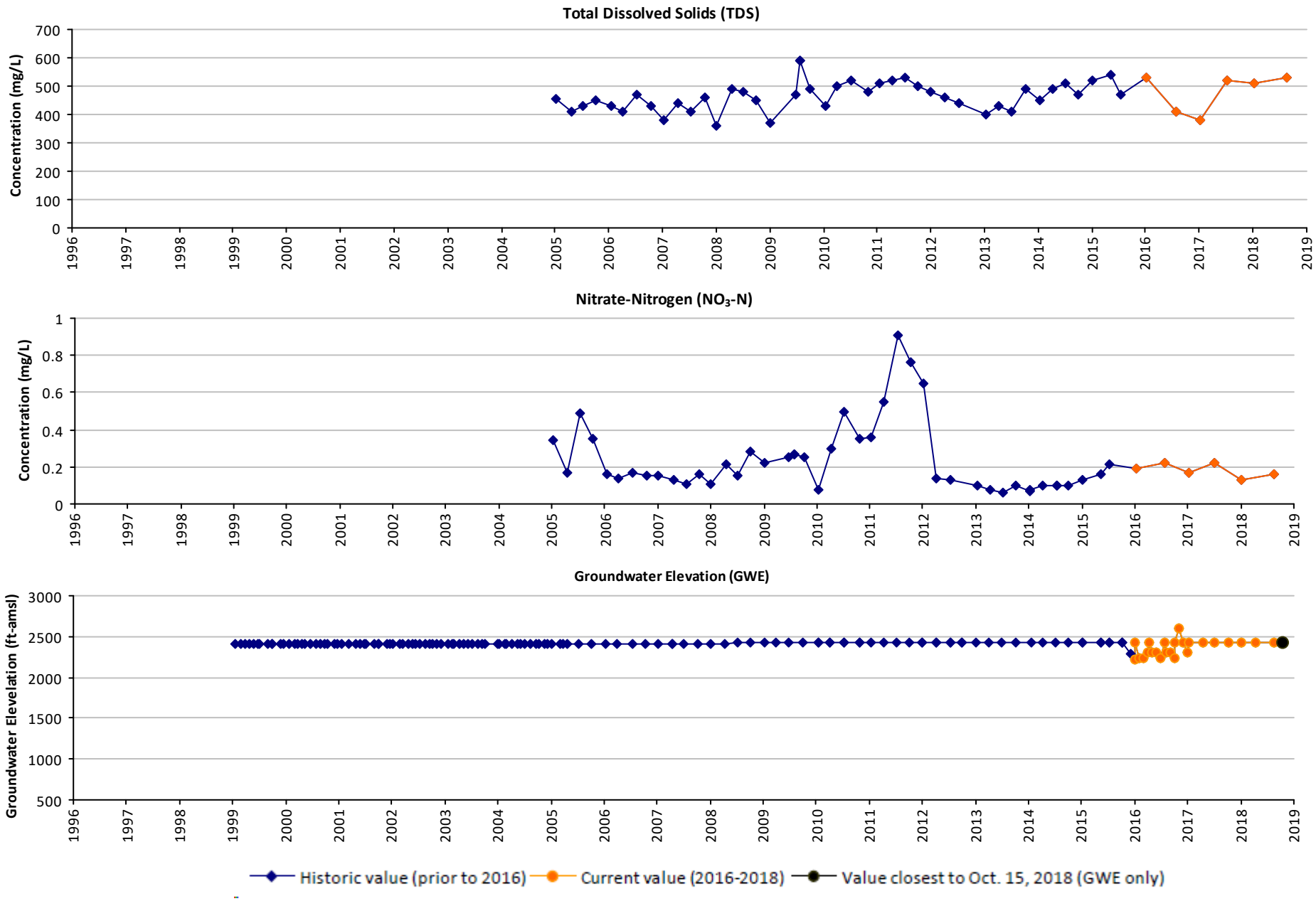

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
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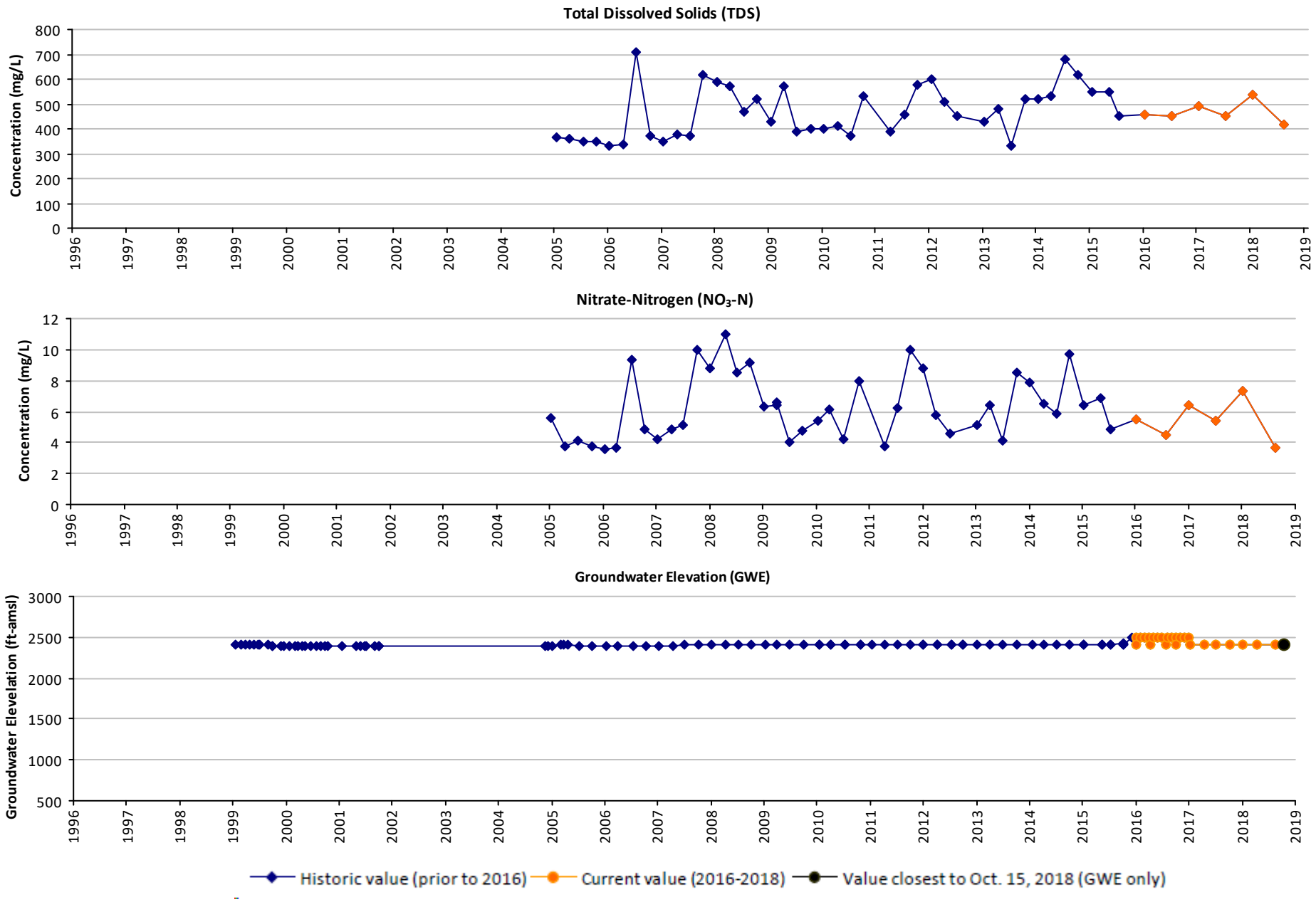
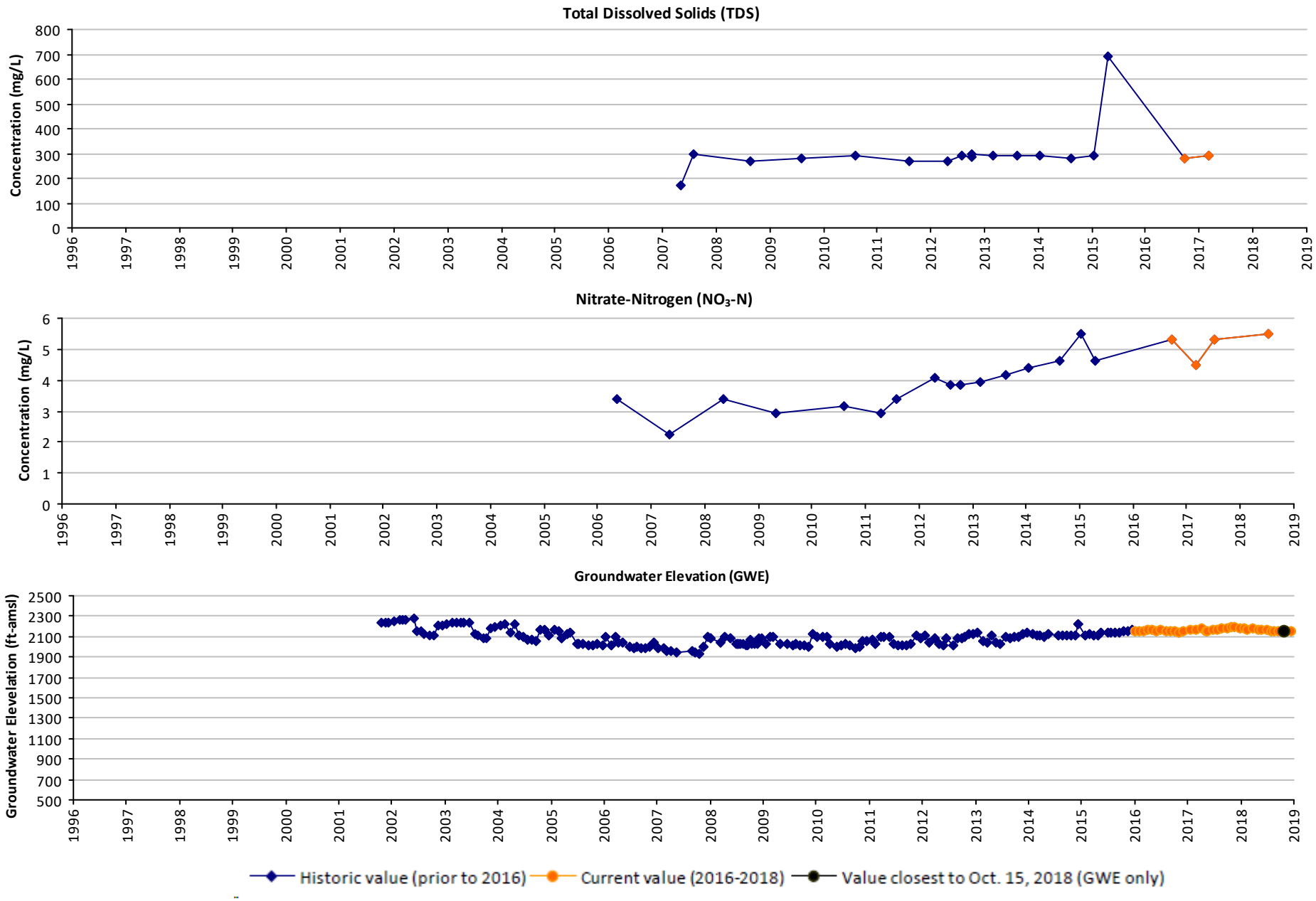
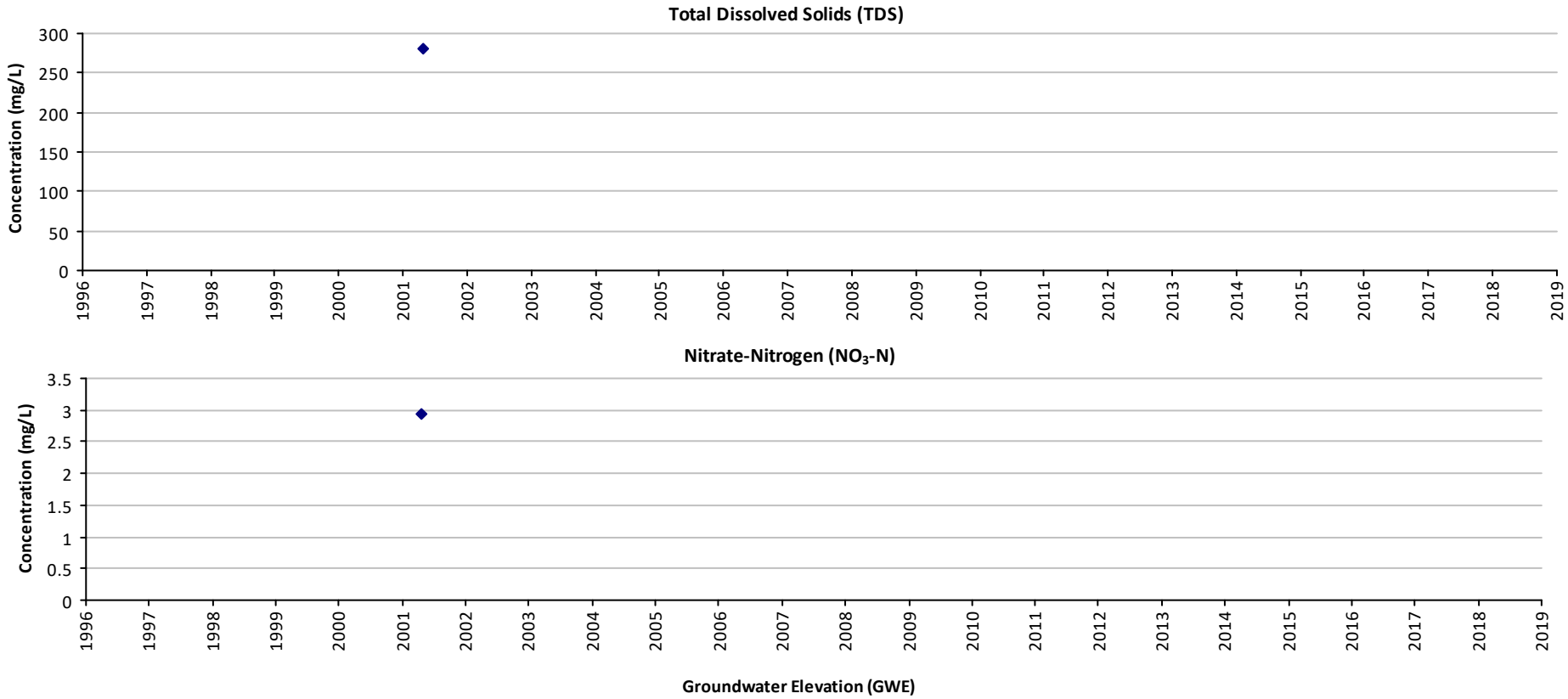
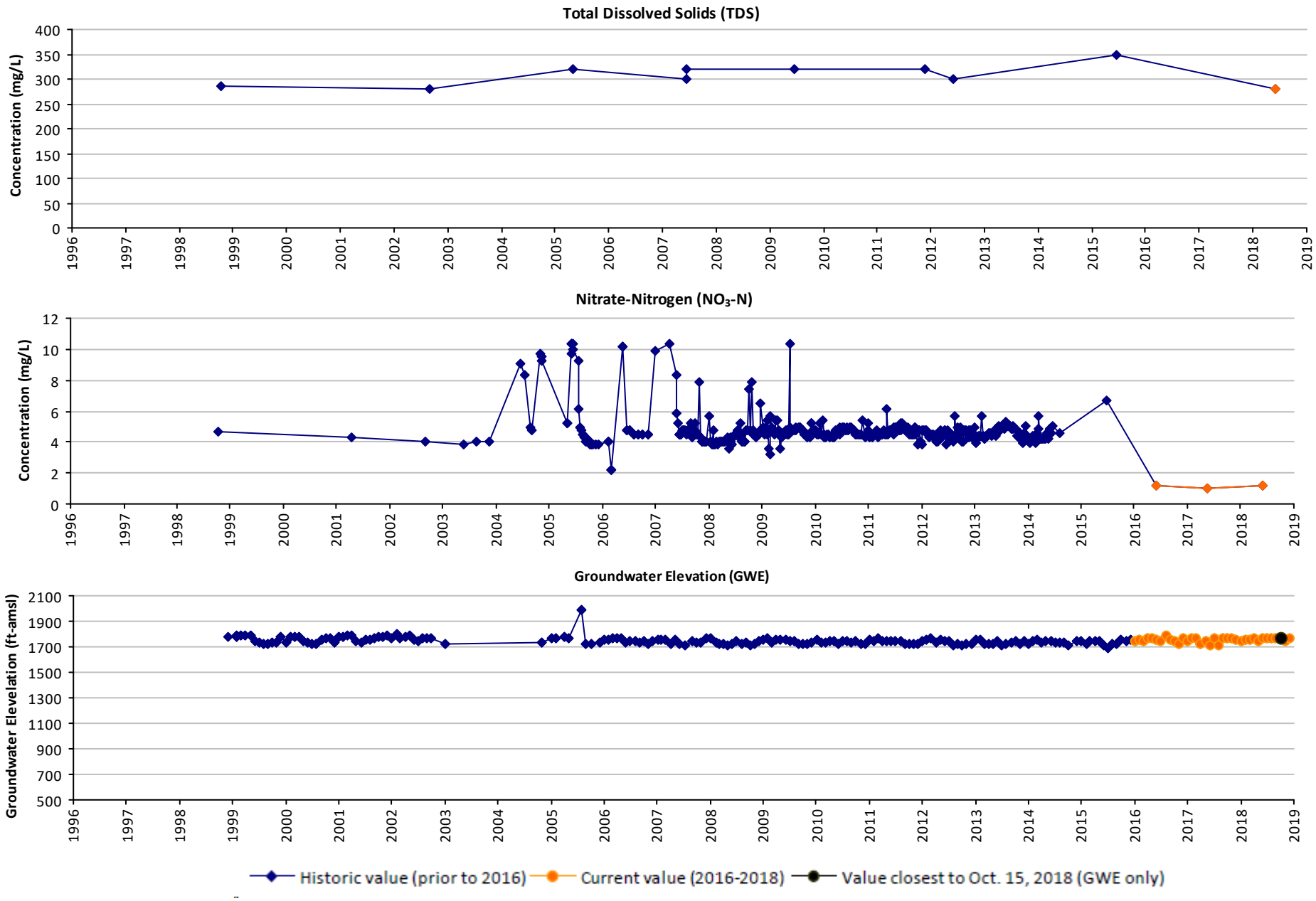
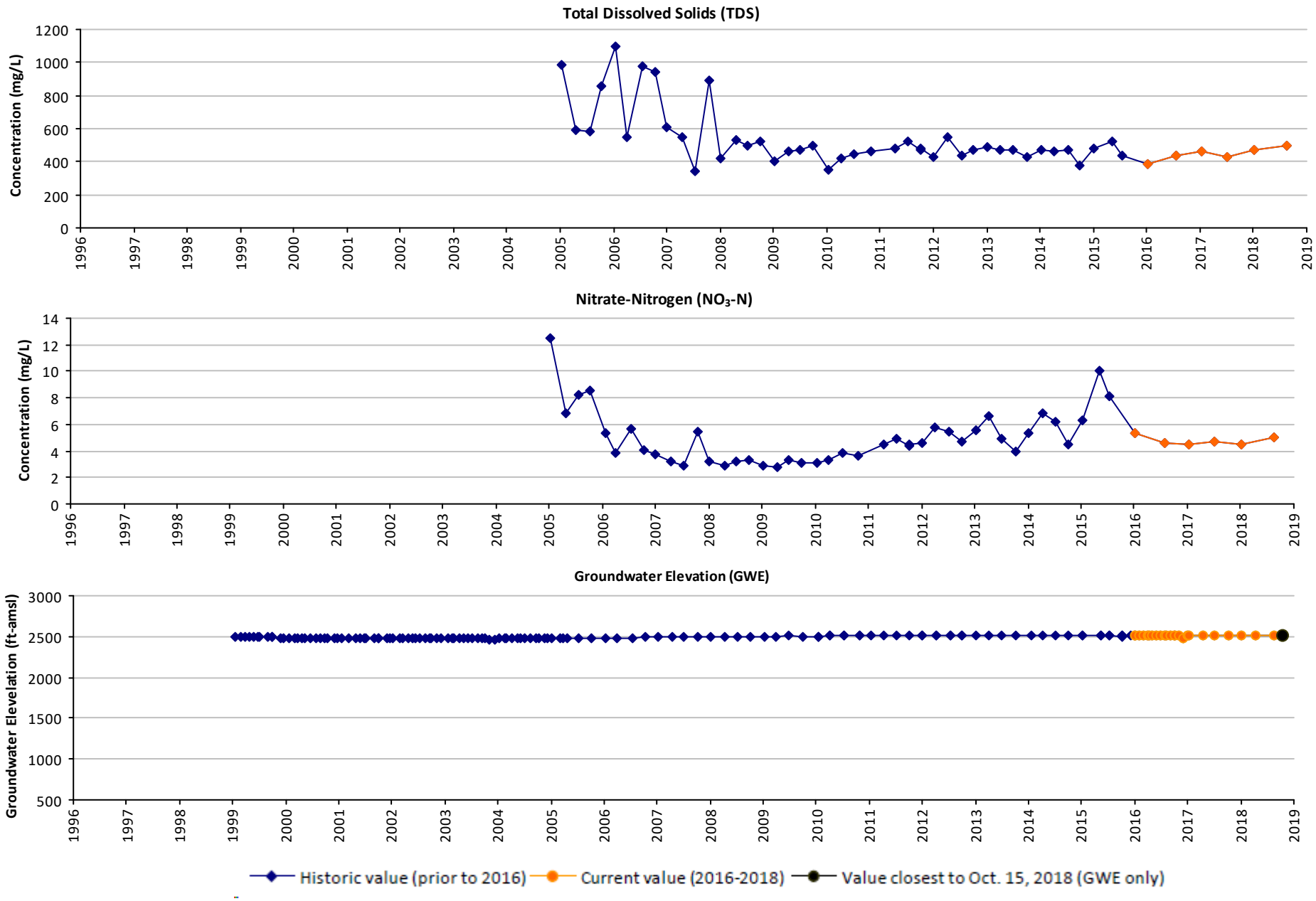
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

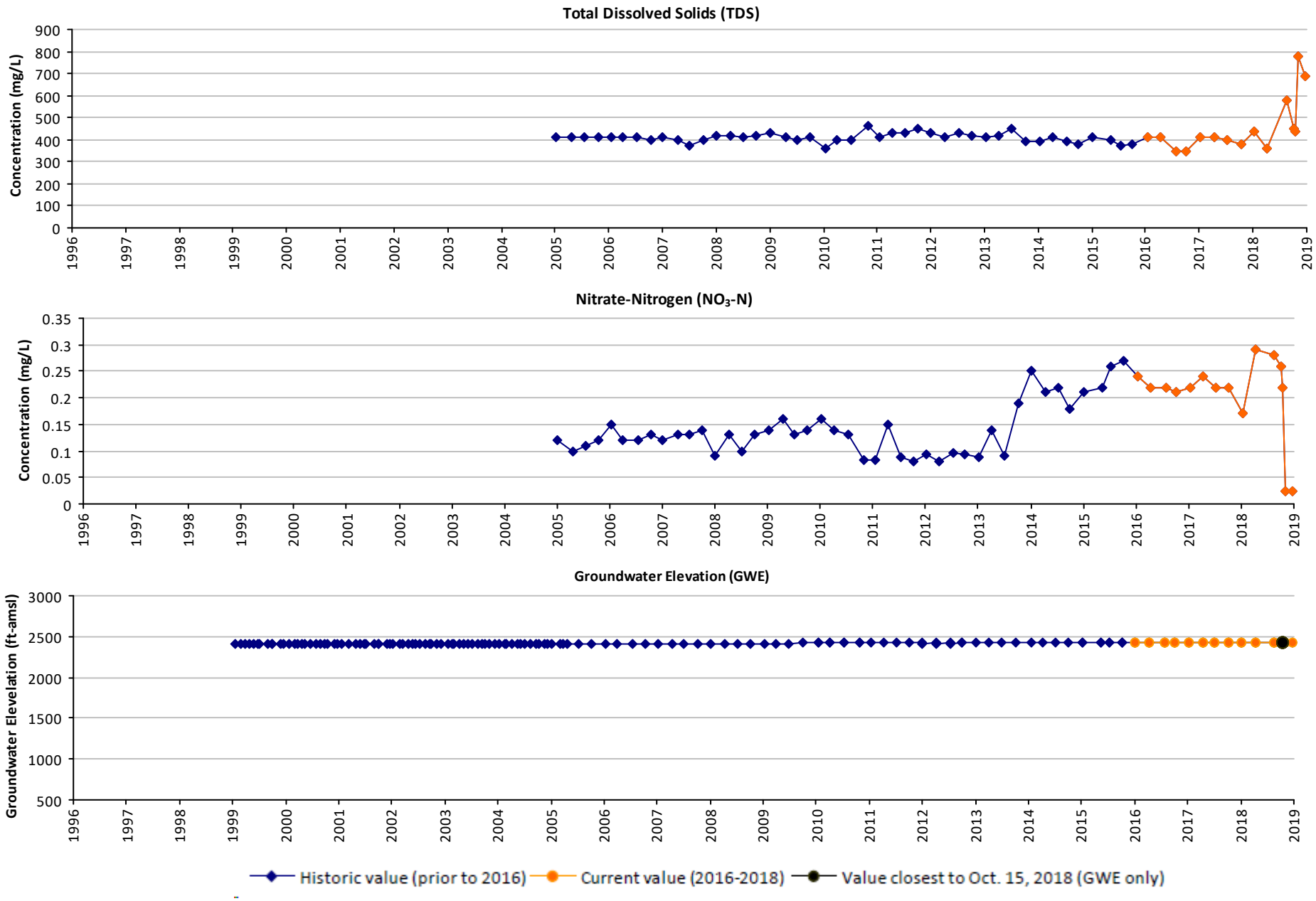

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

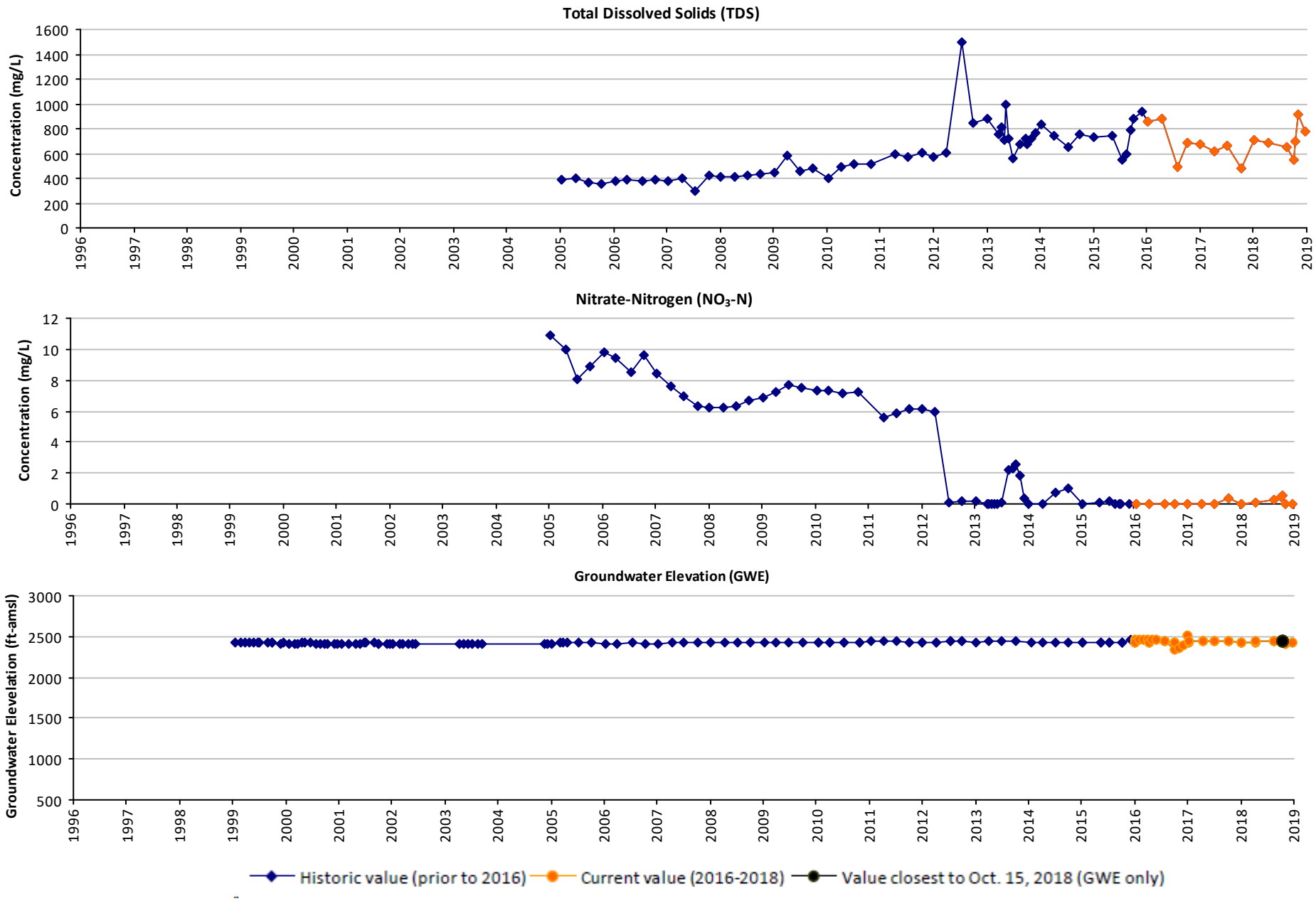

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

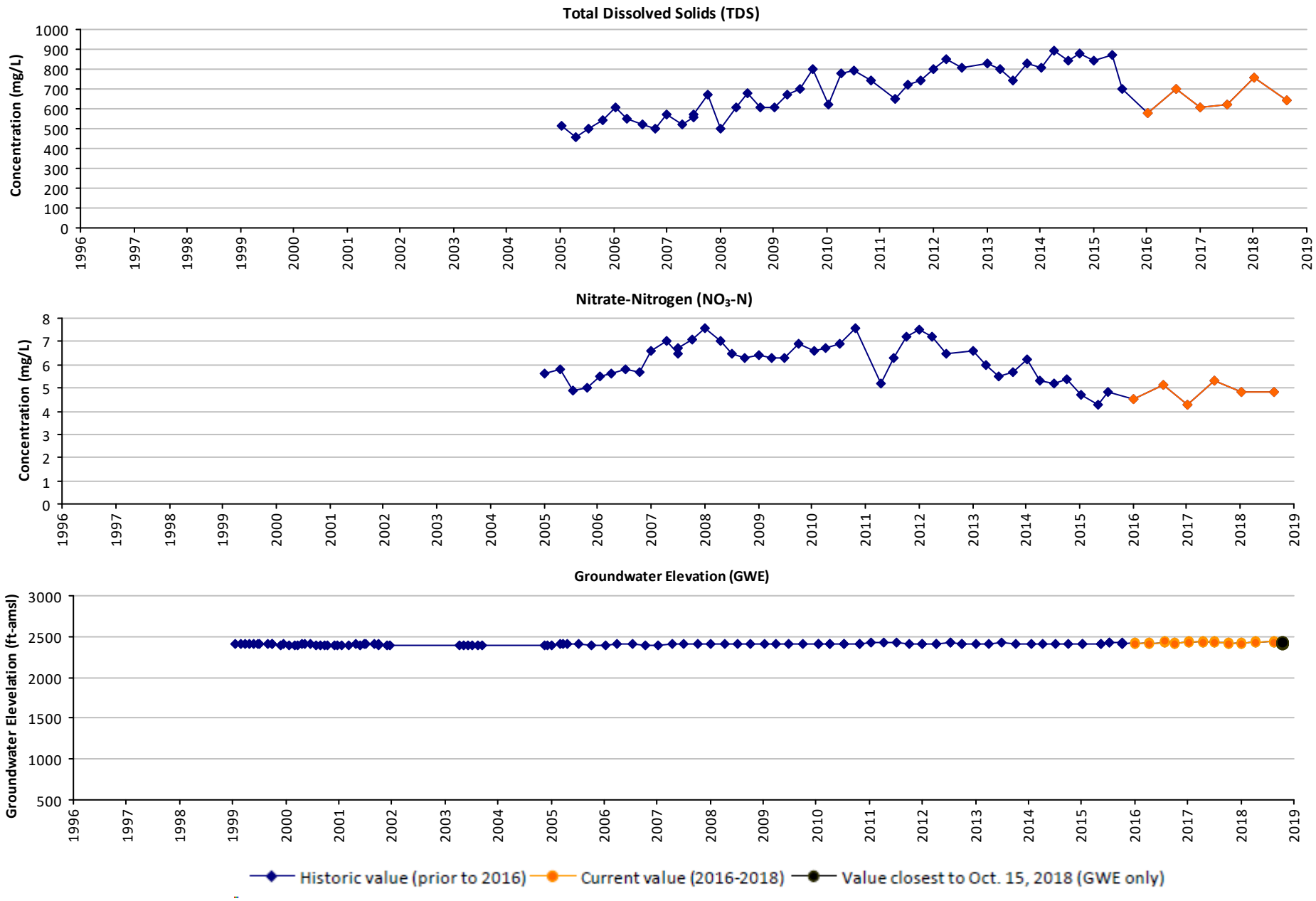

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

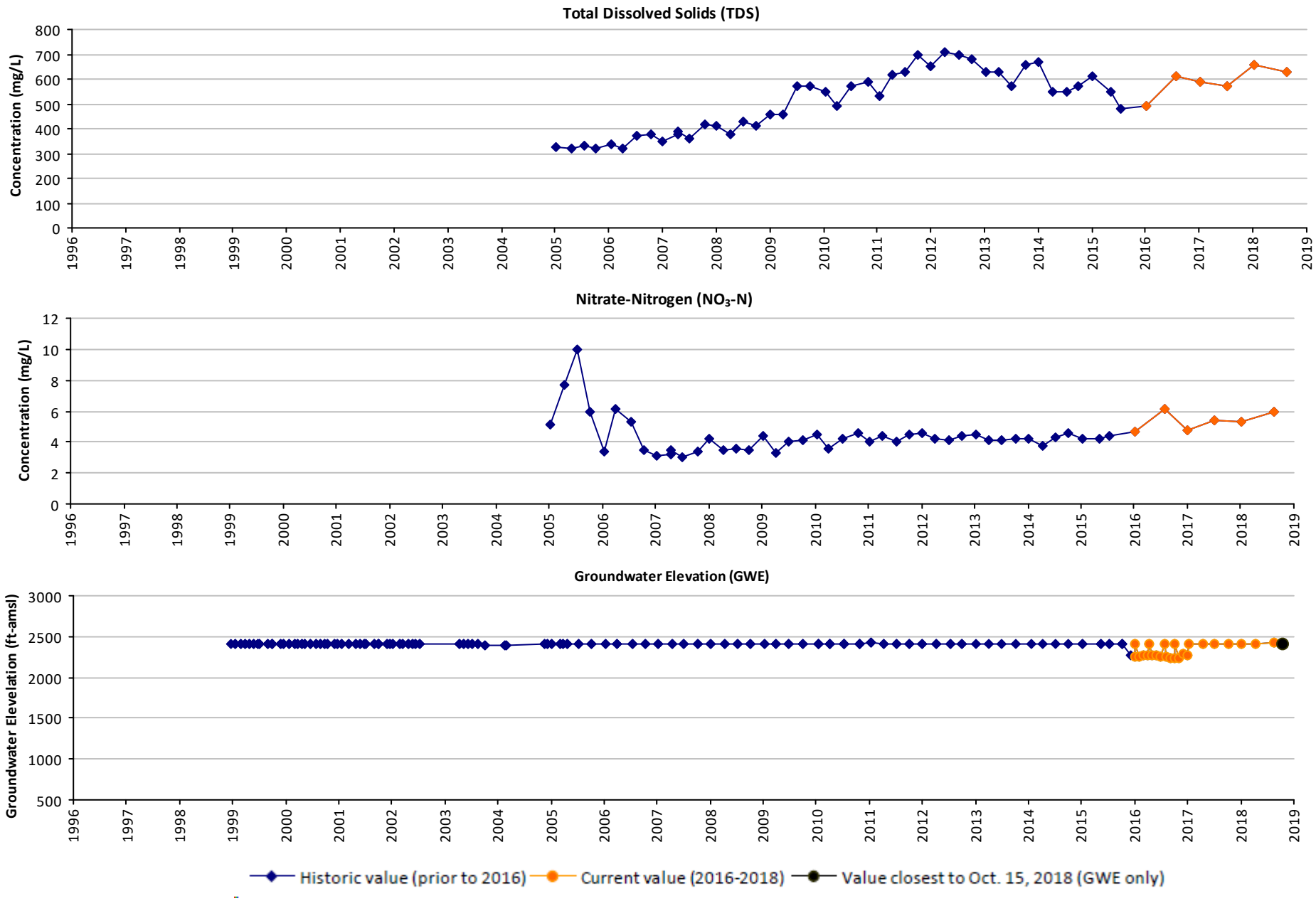

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

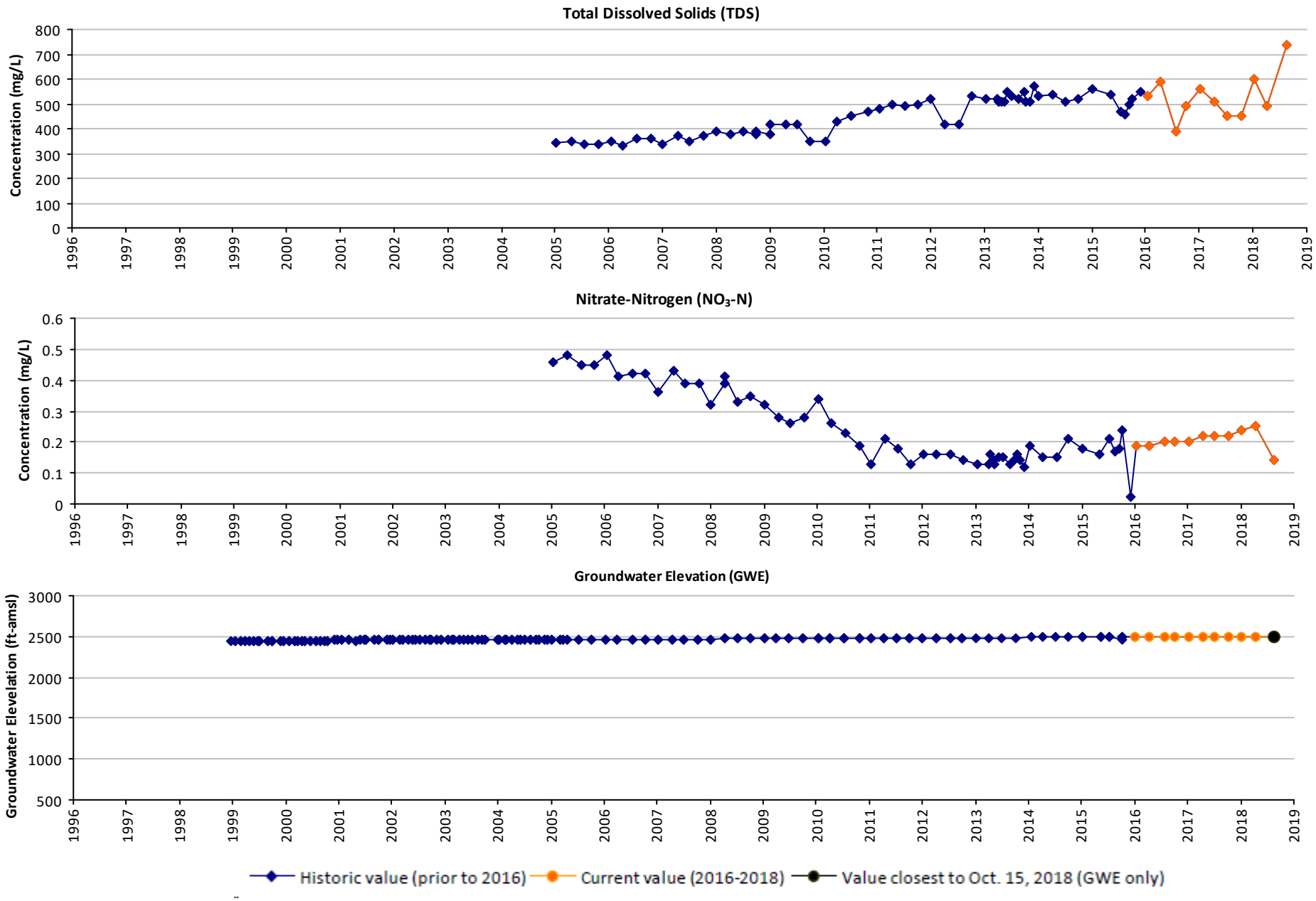

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

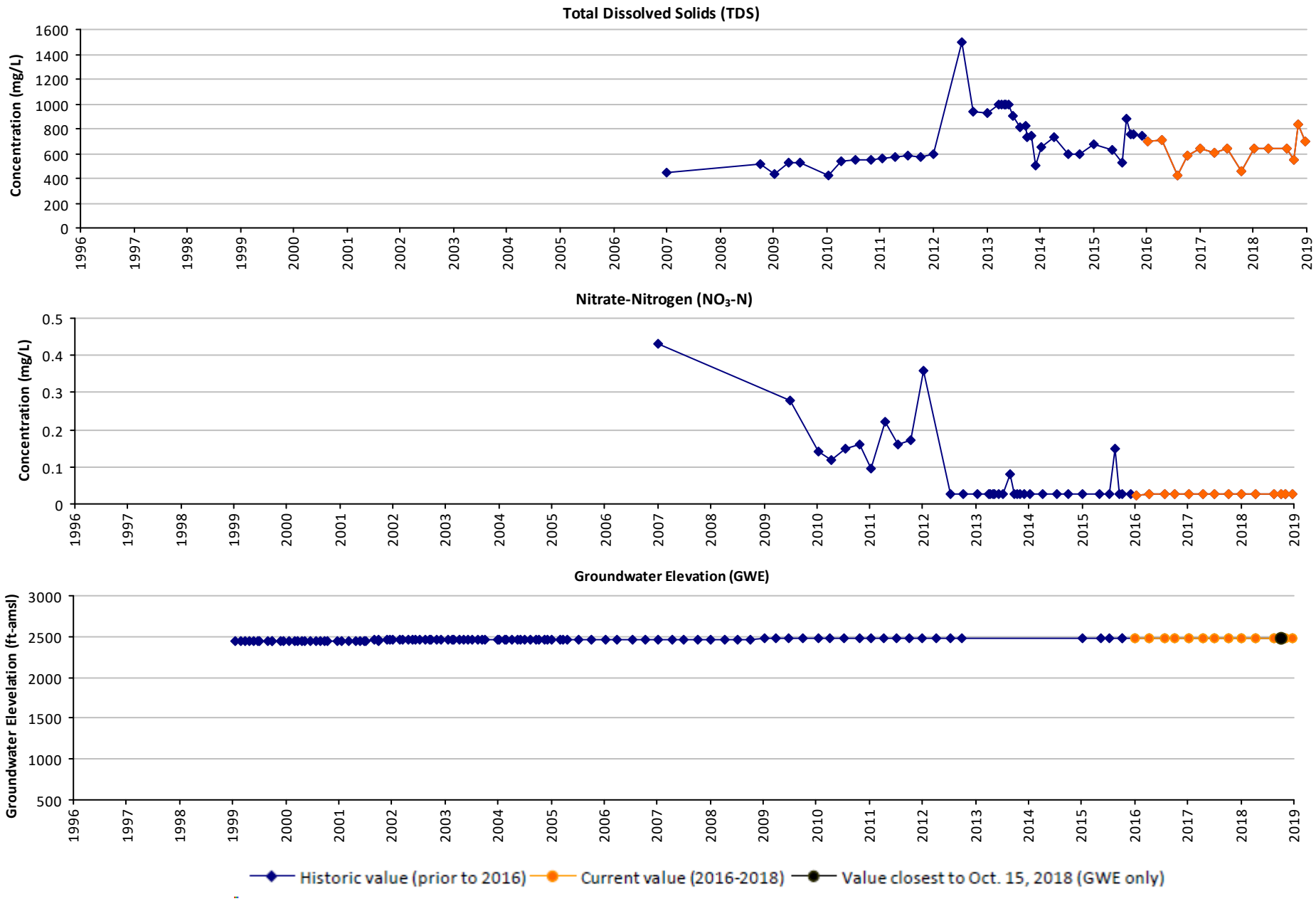

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

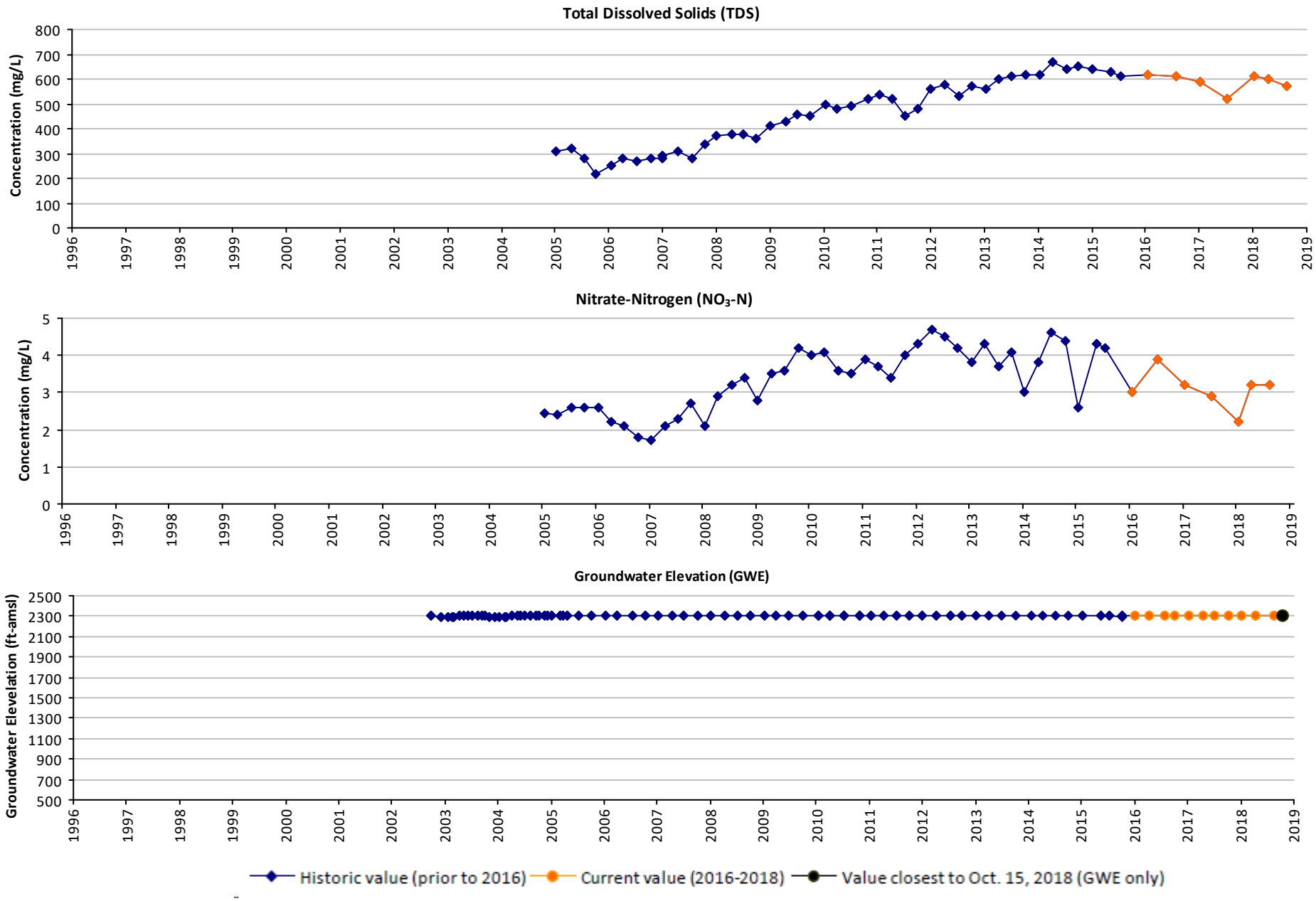

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

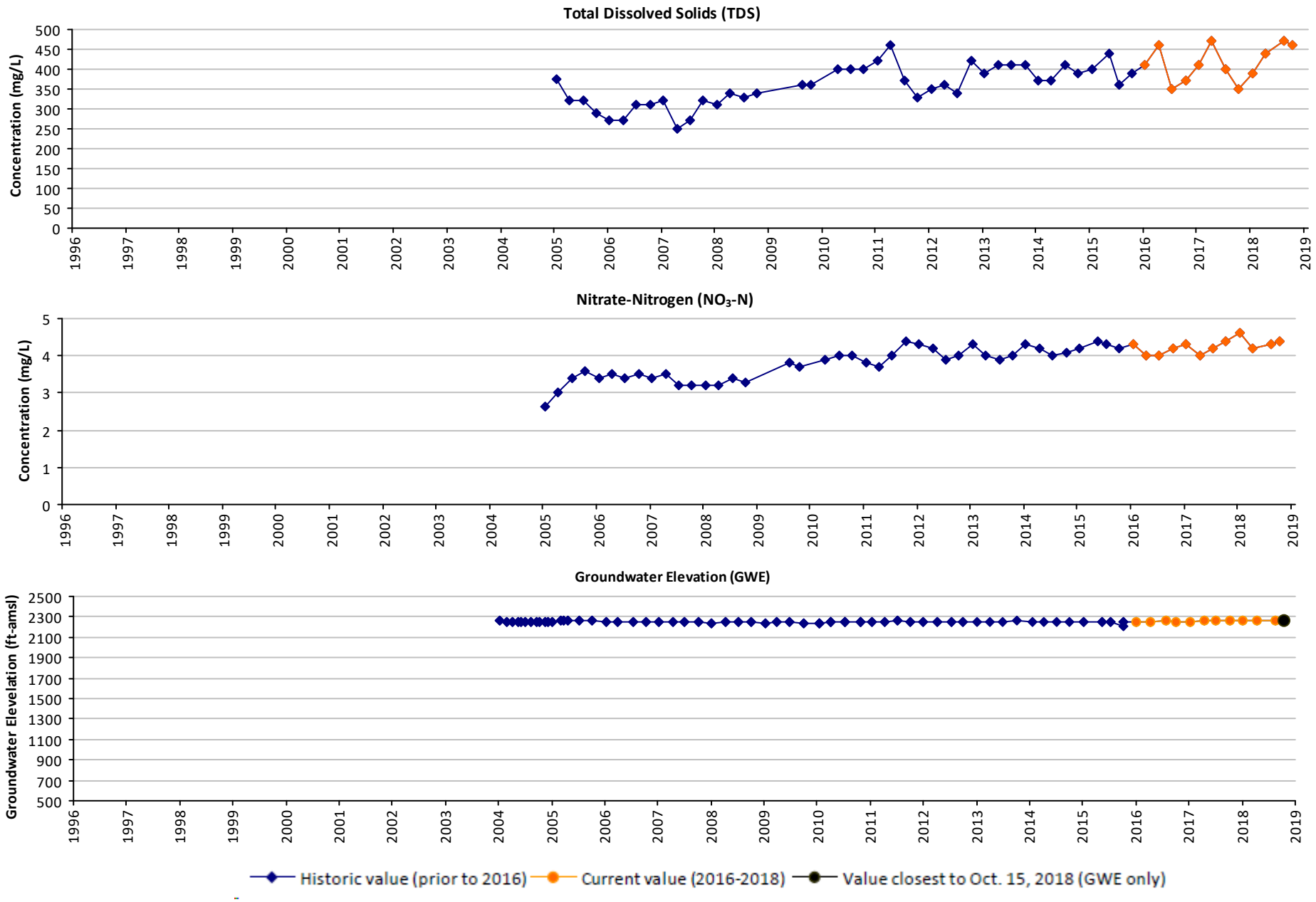

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

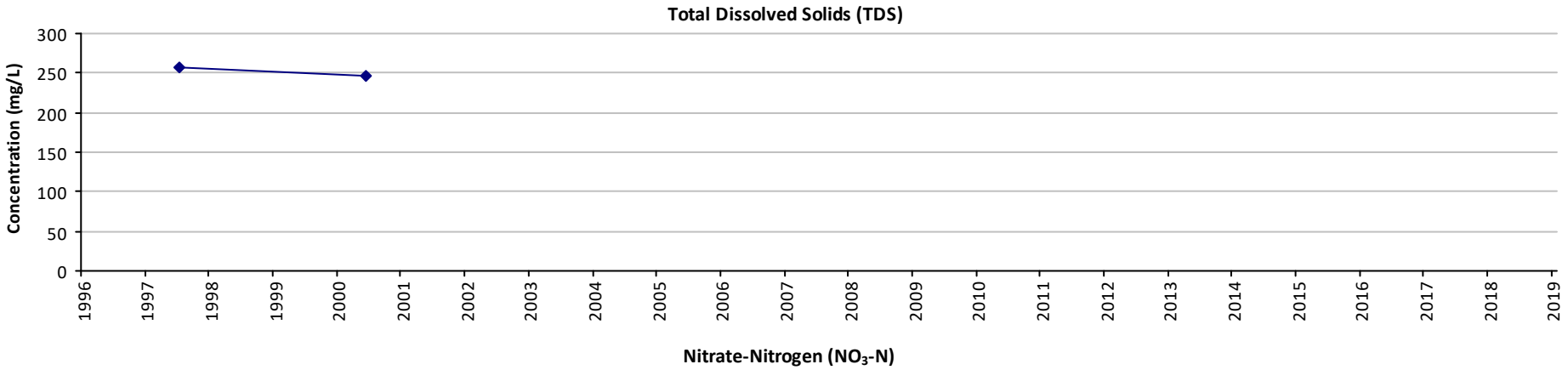

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

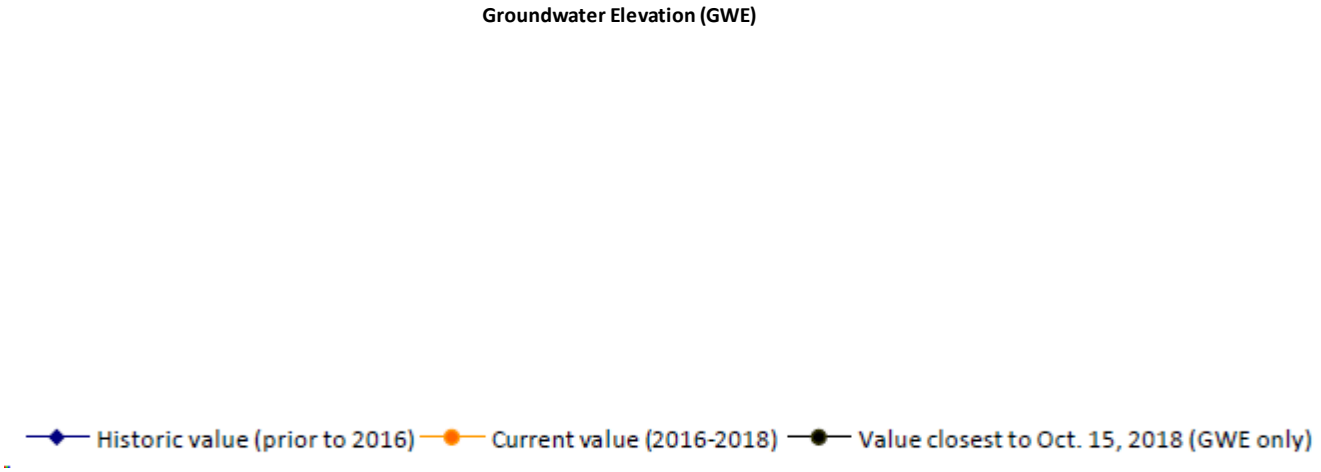

Total Dissolved Solids (TDS)
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
3000
2500
2000
1500
1000
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

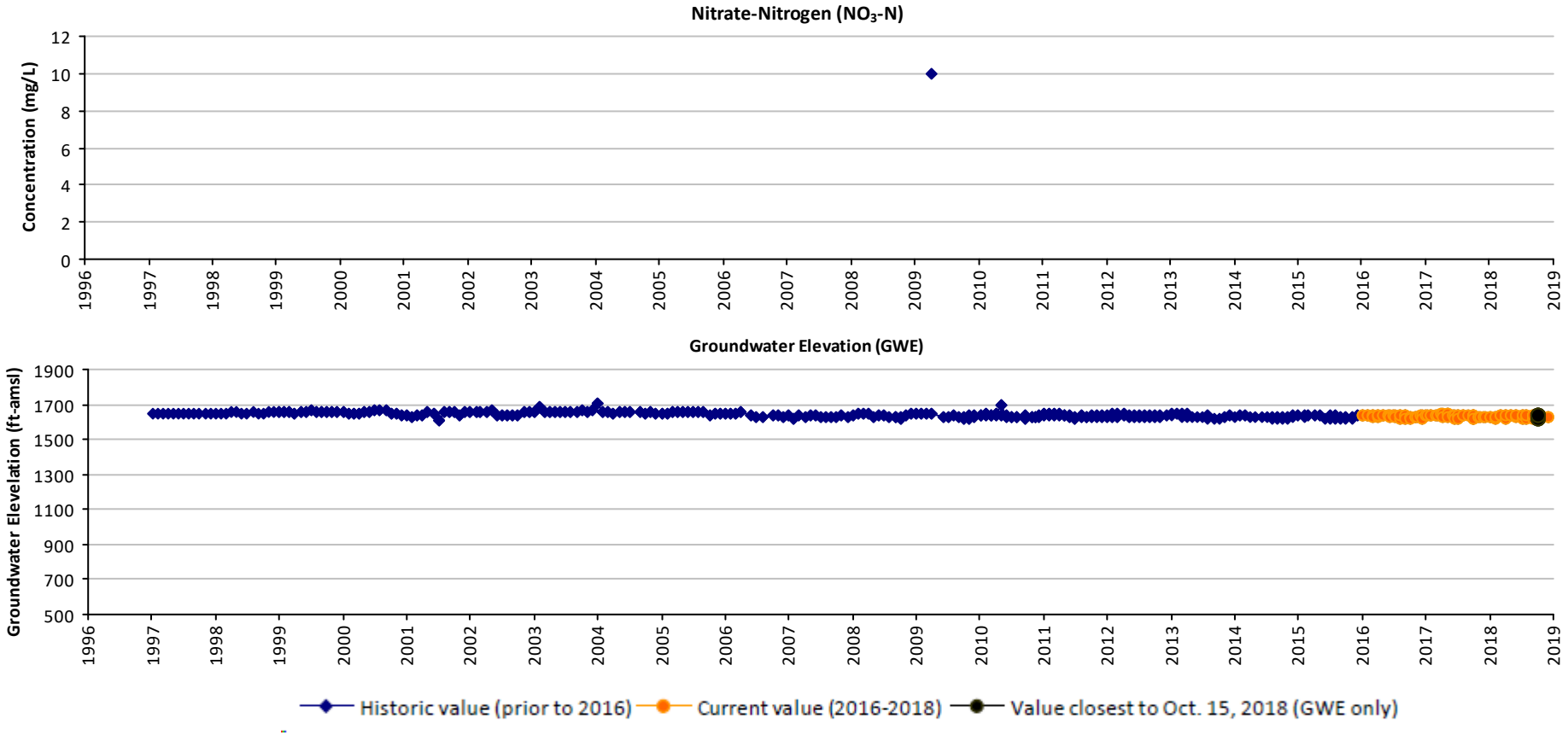

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

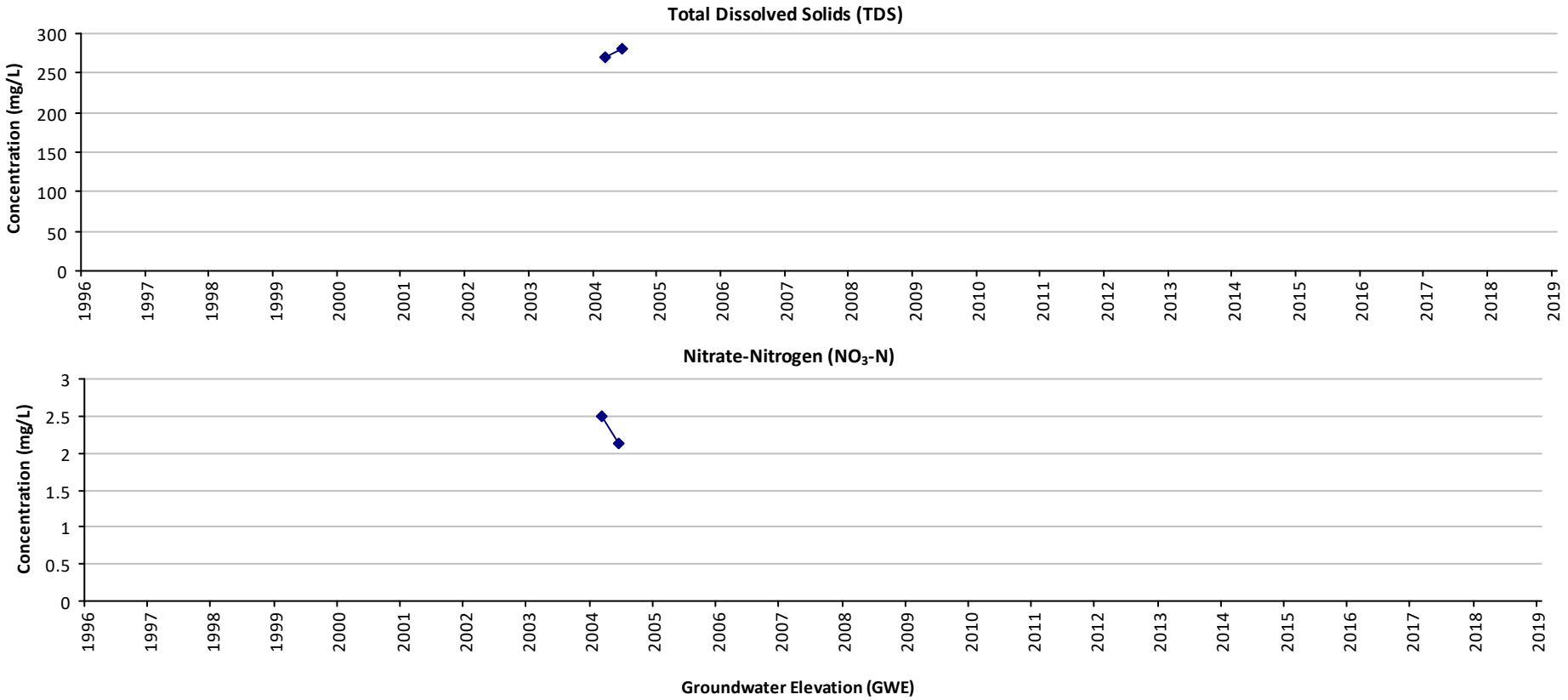

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

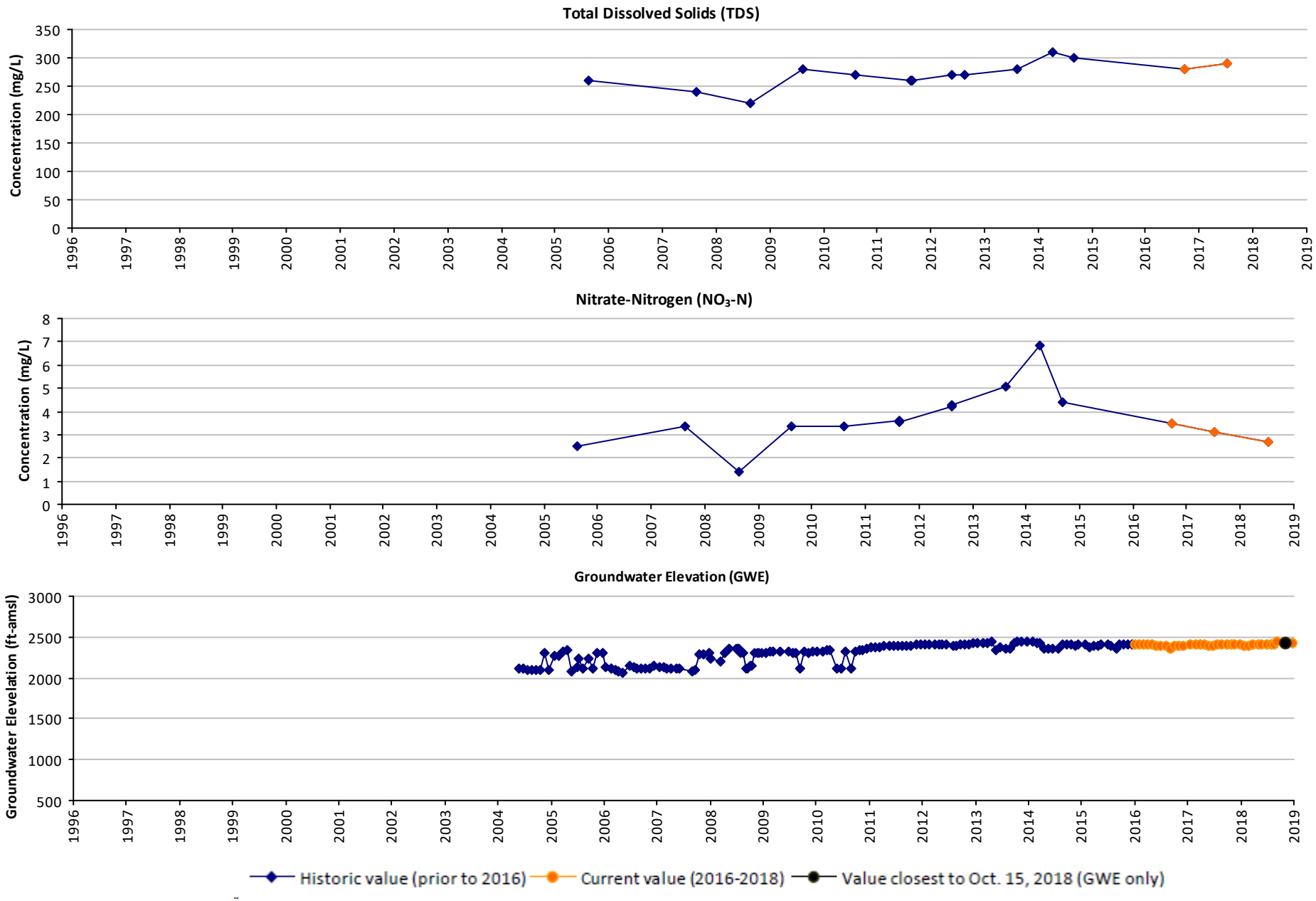

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)

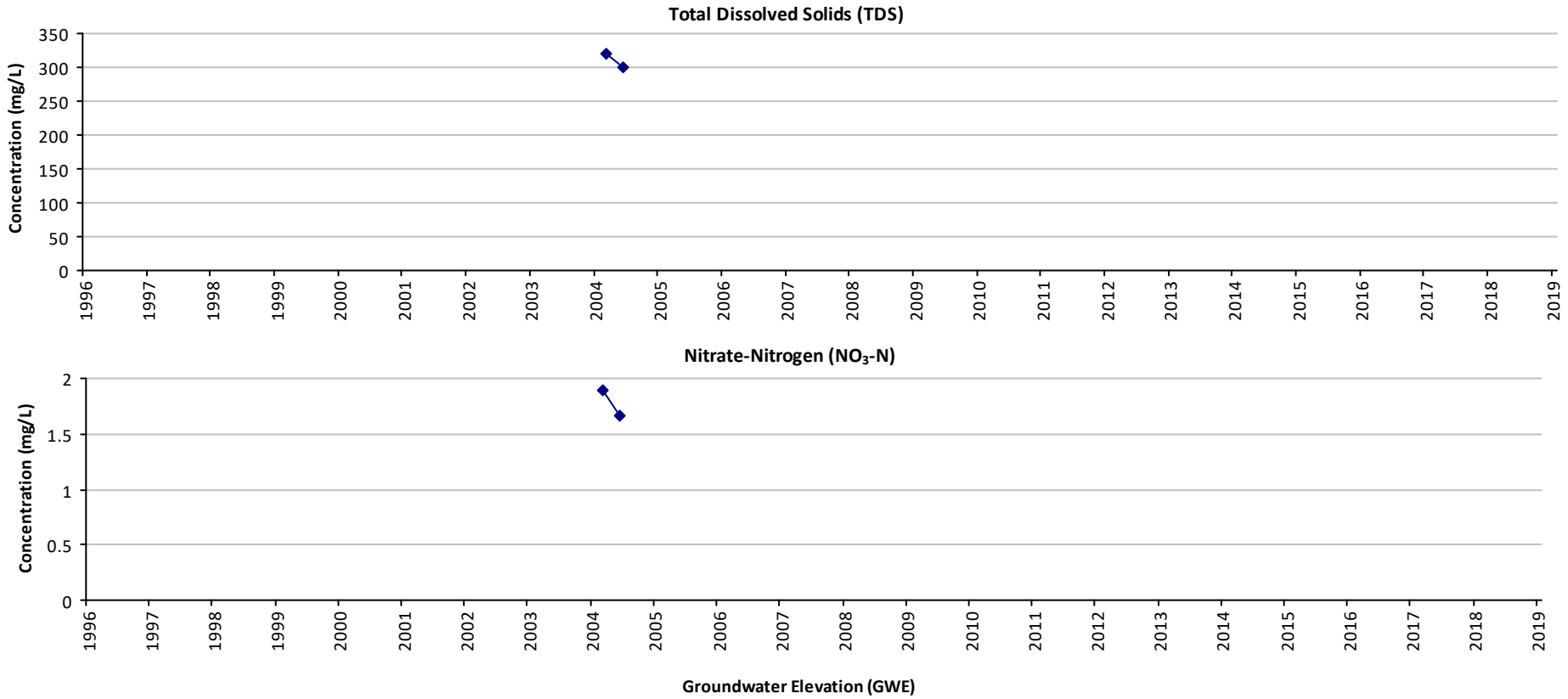

Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

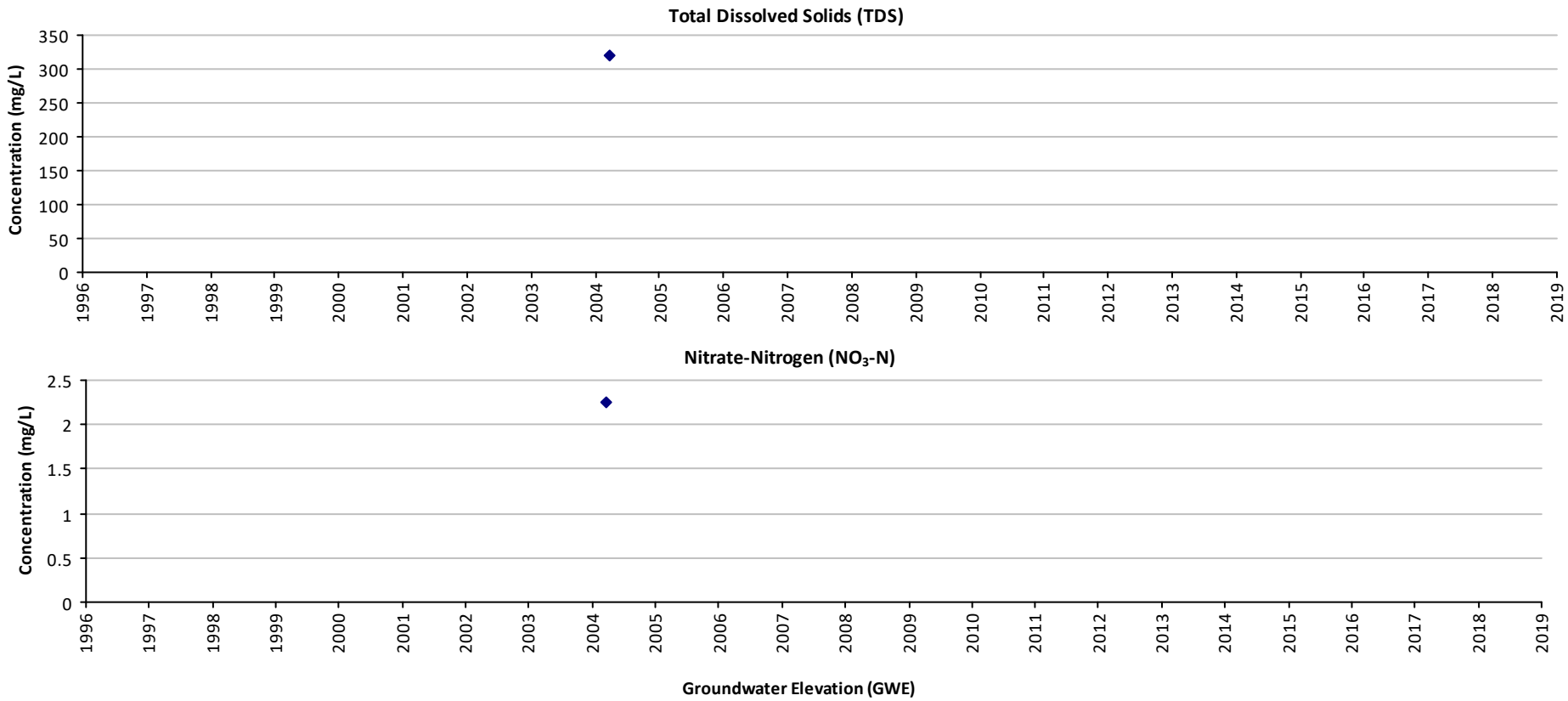
Total Dissolved Solids (TDS)

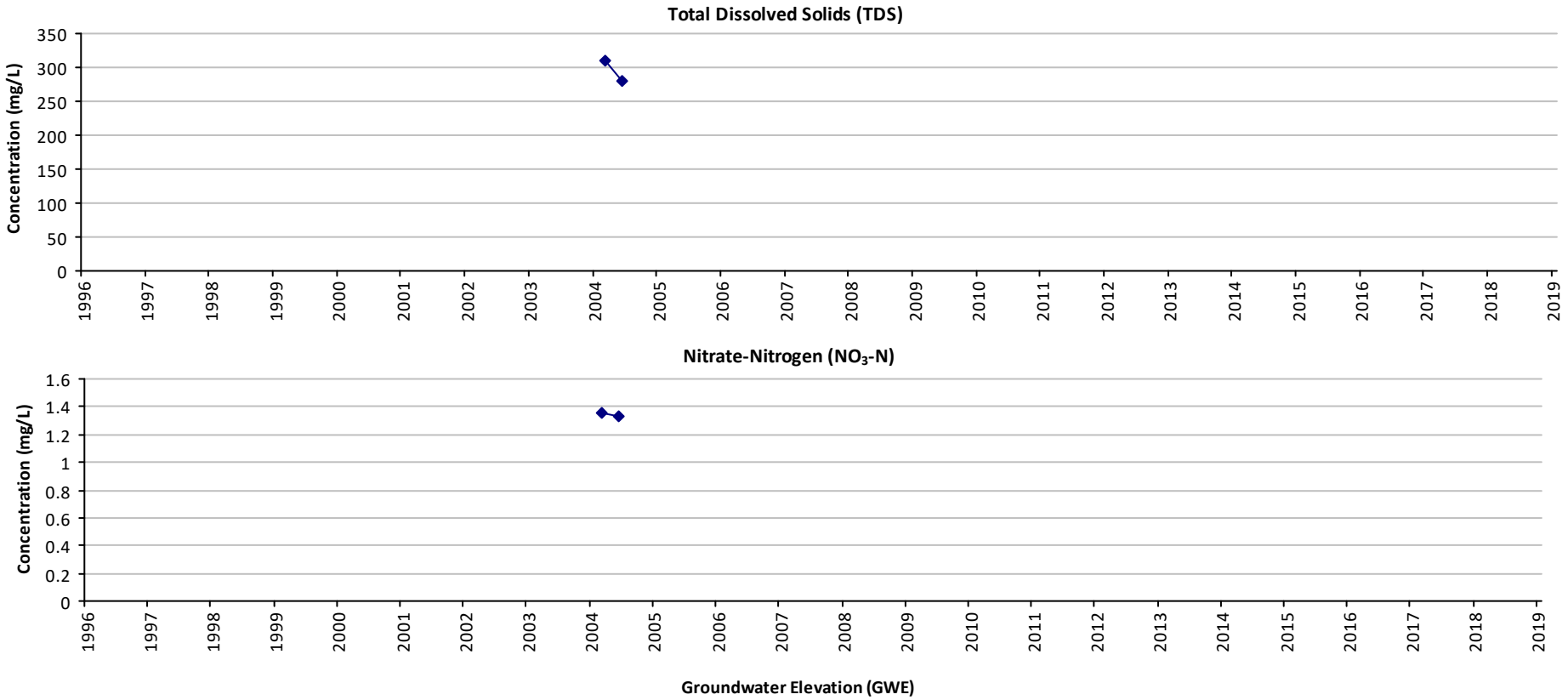


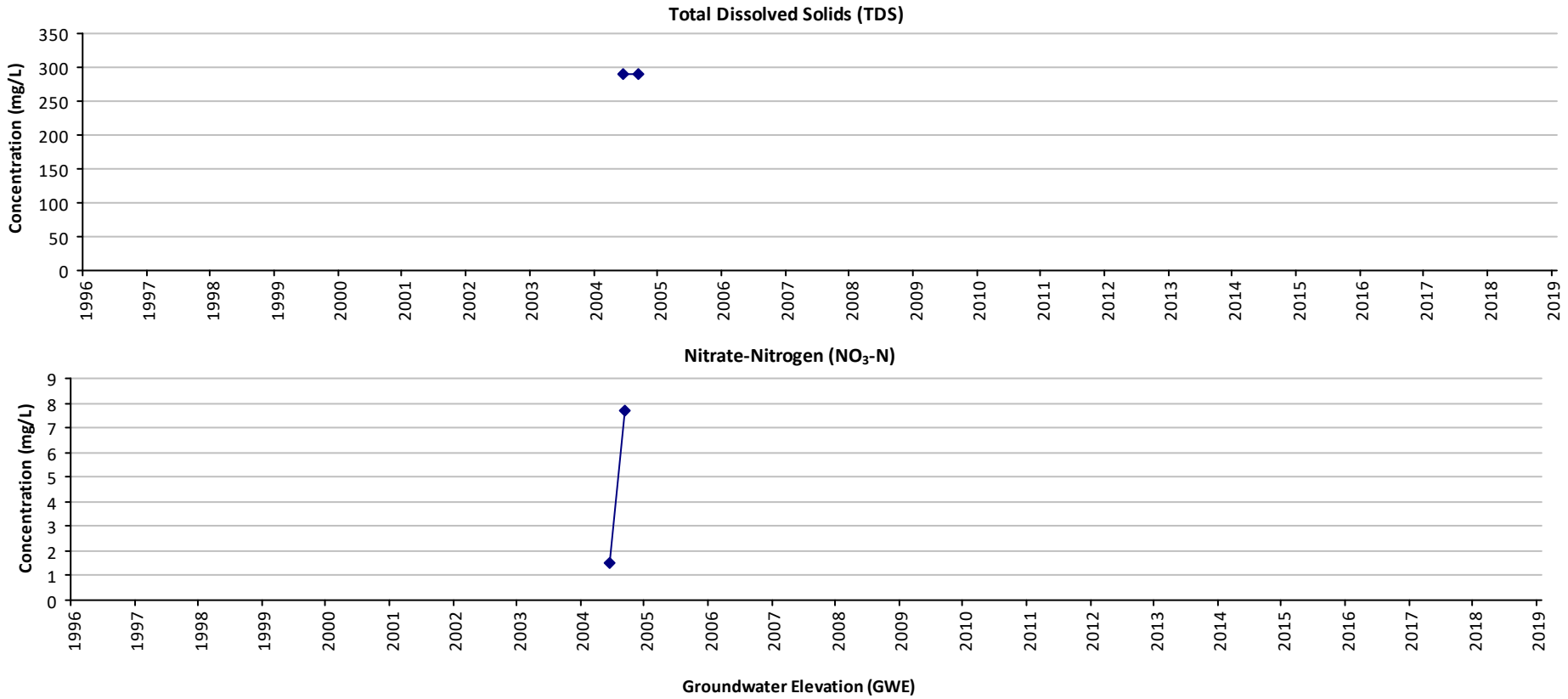

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

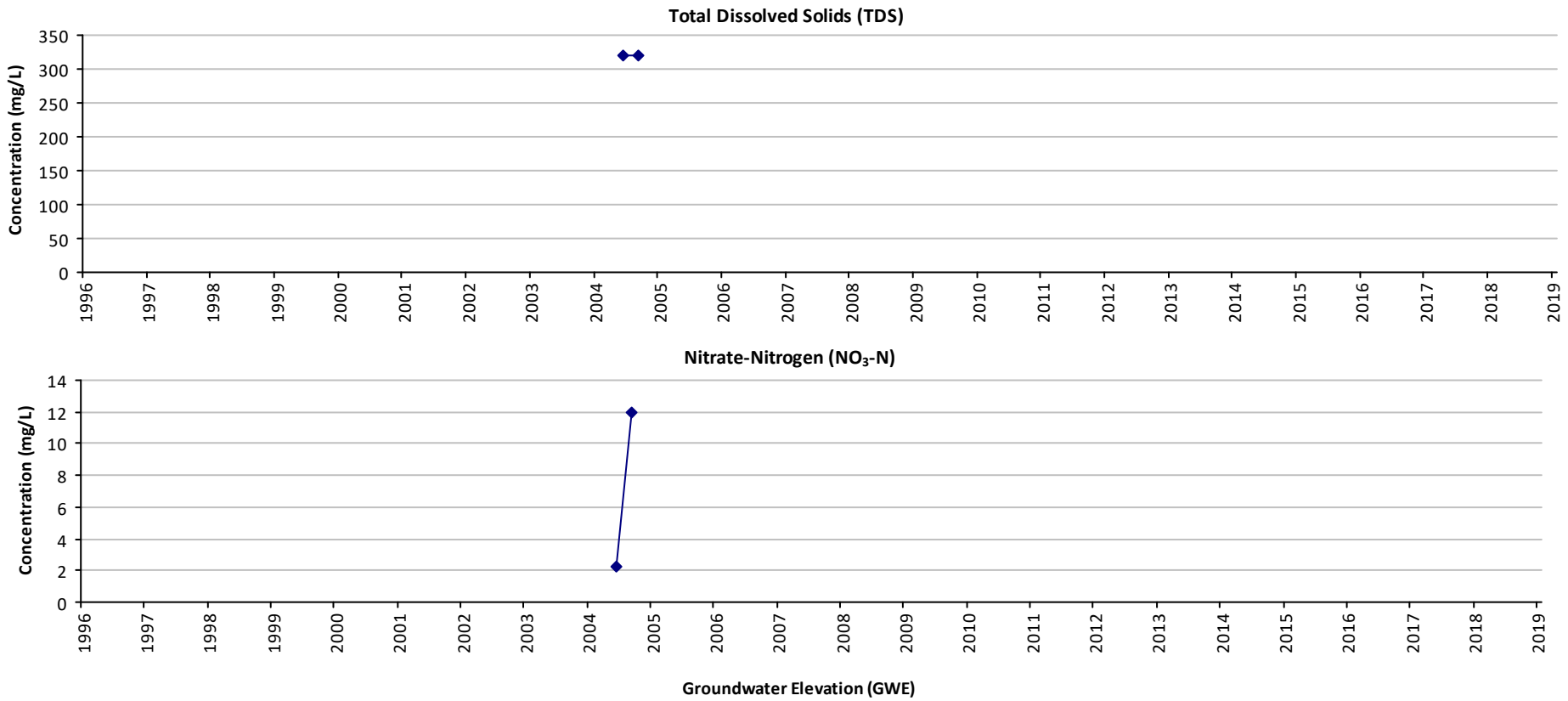

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

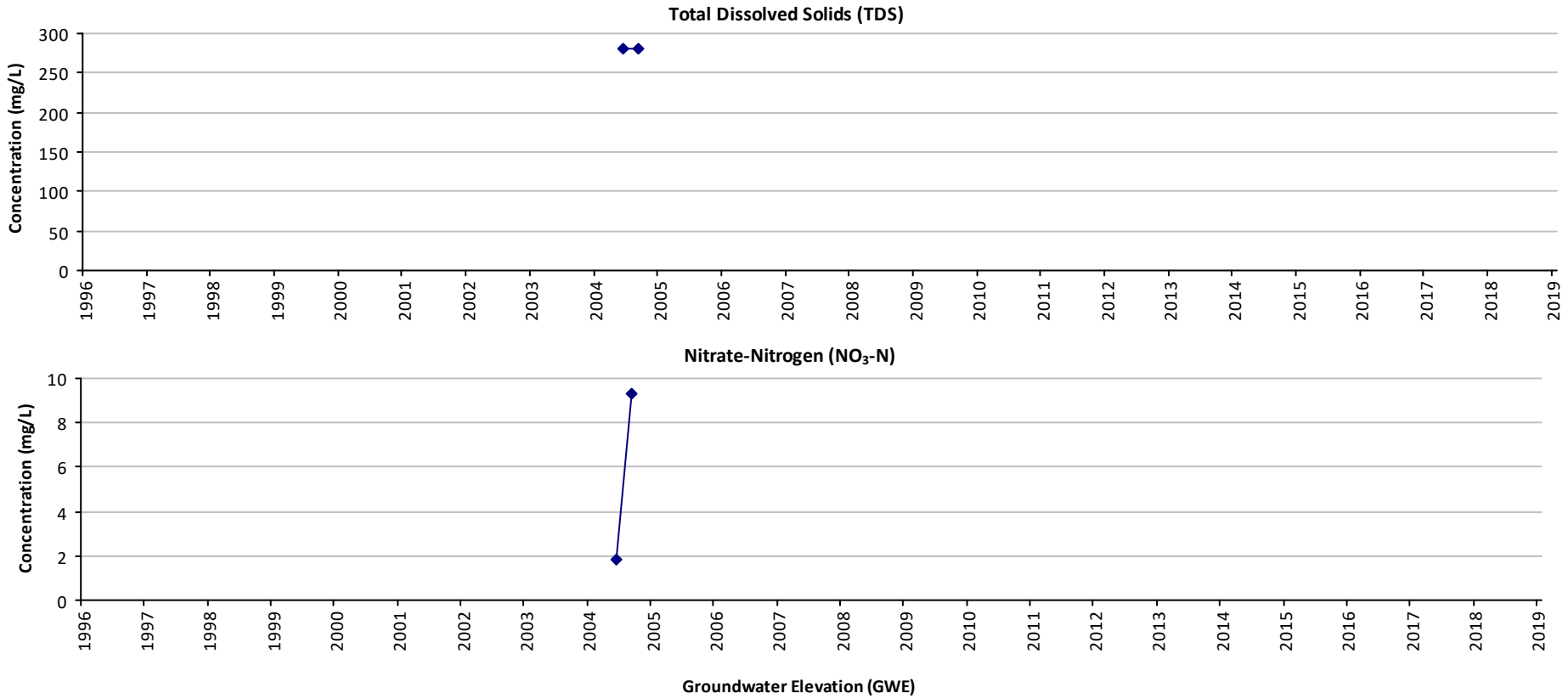

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

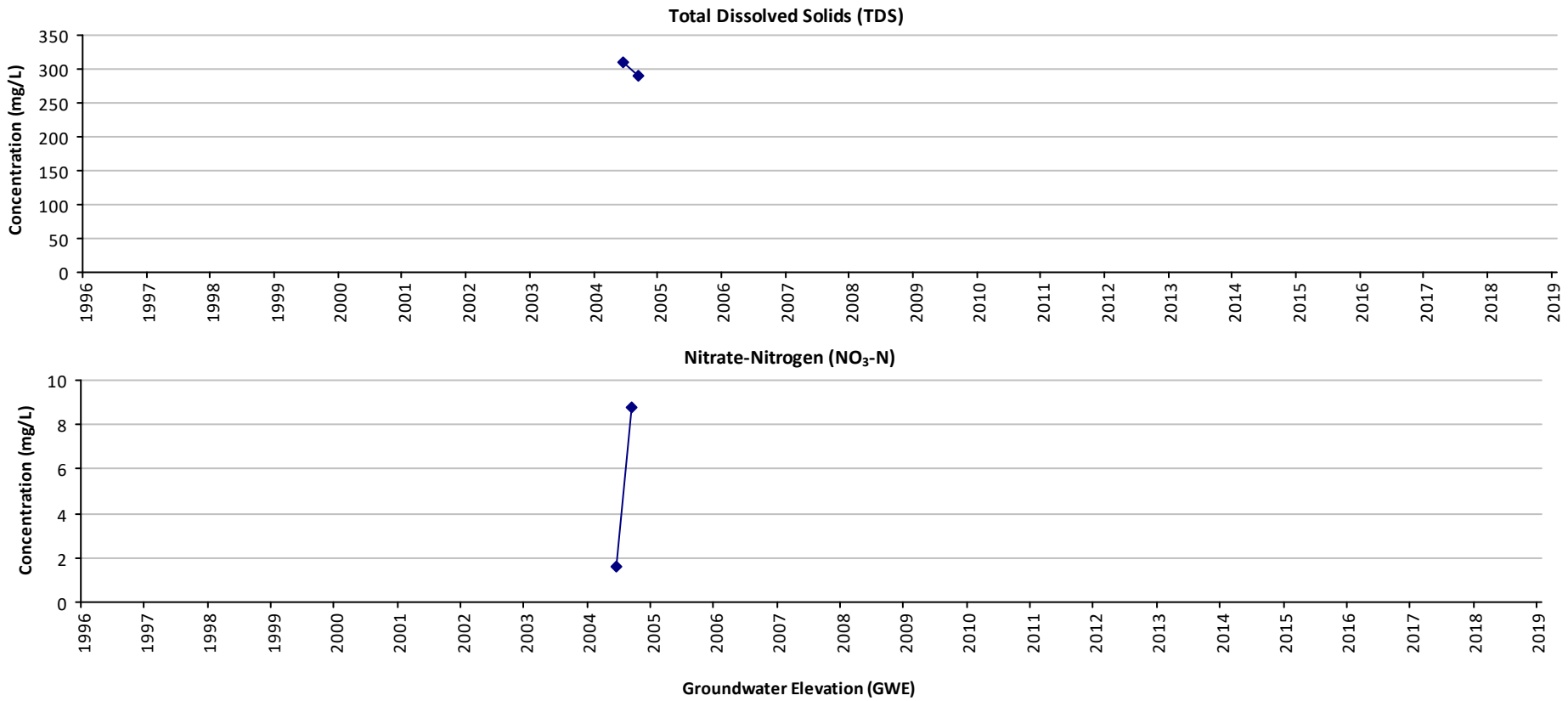

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

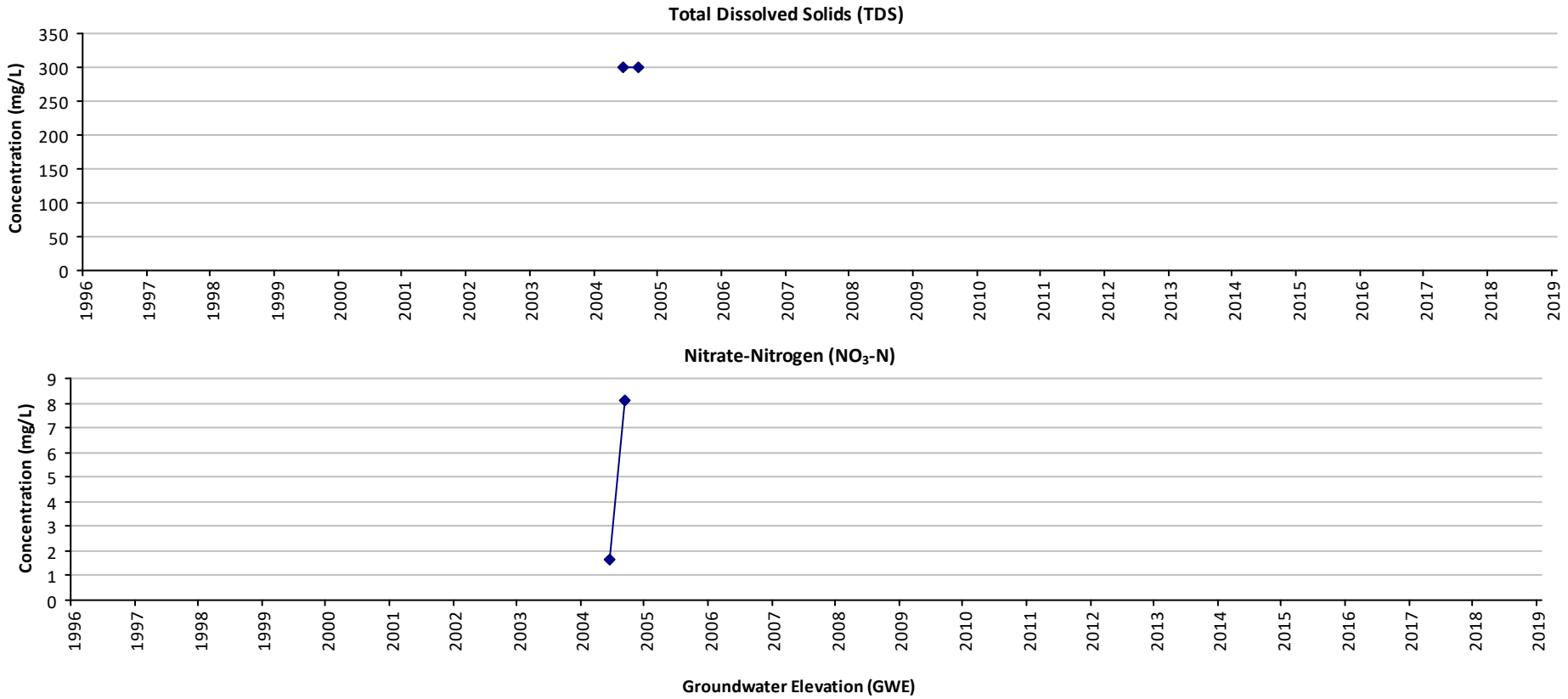

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

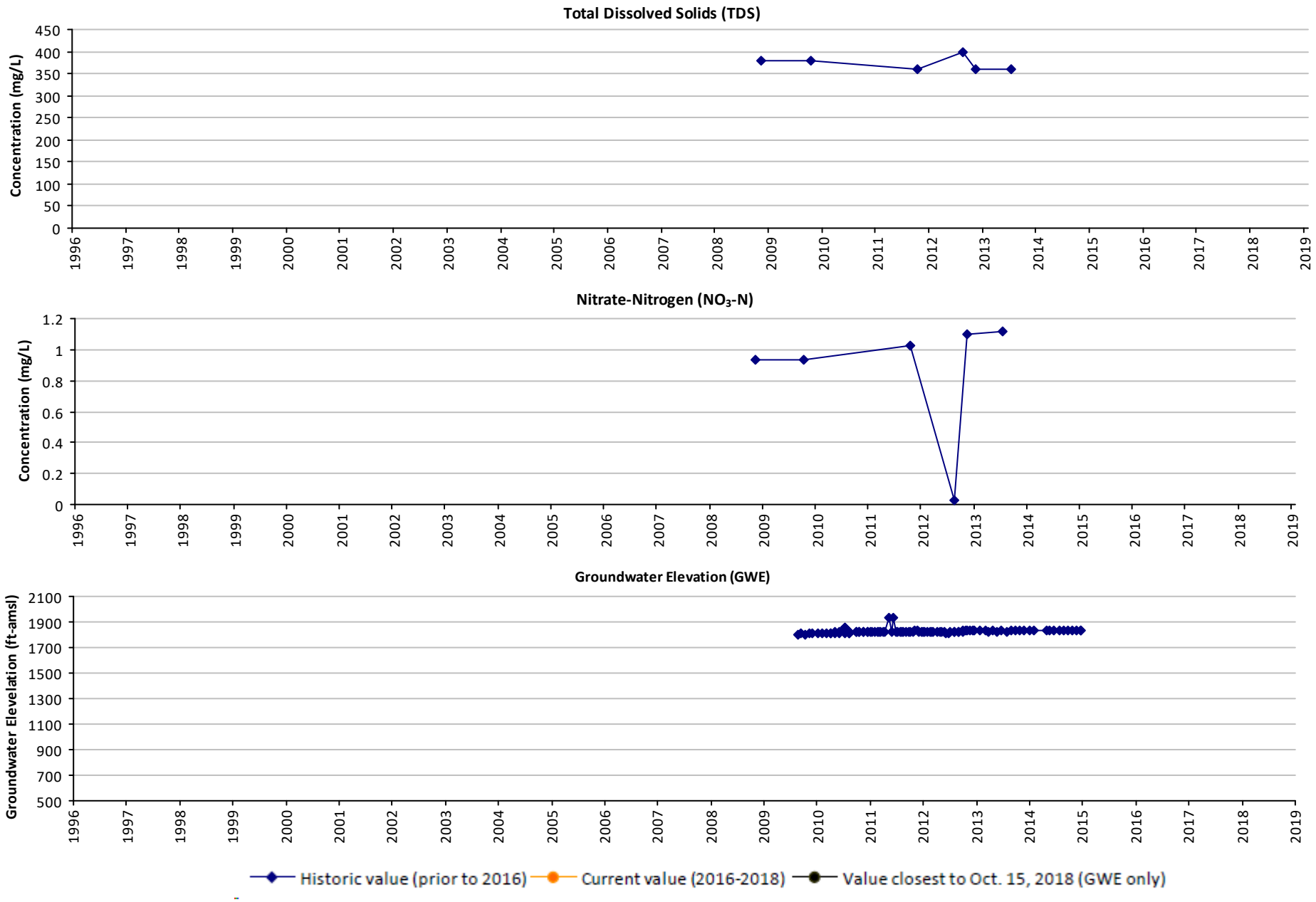

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
9
8
7
6
5
4
3
2
1
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

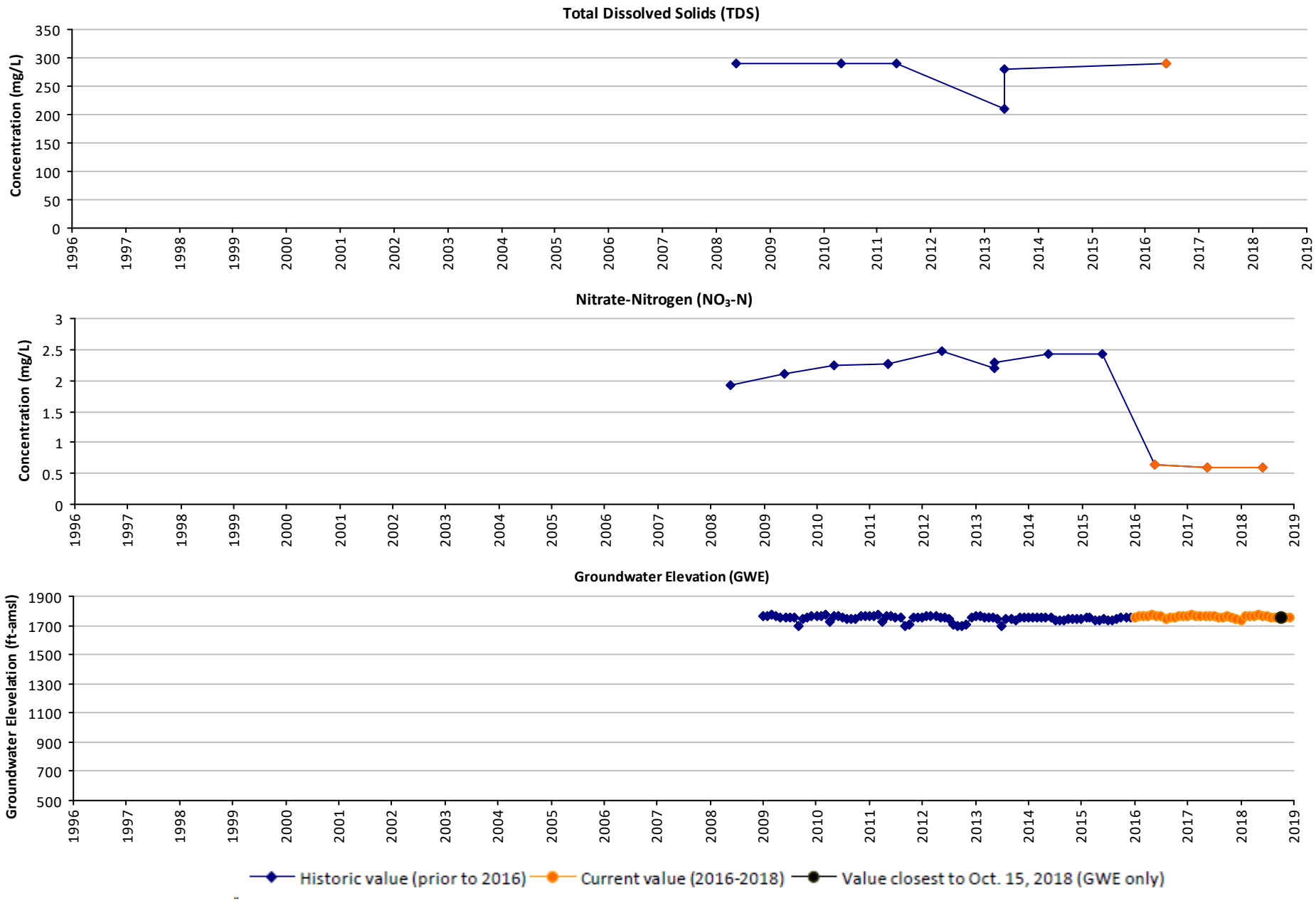

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

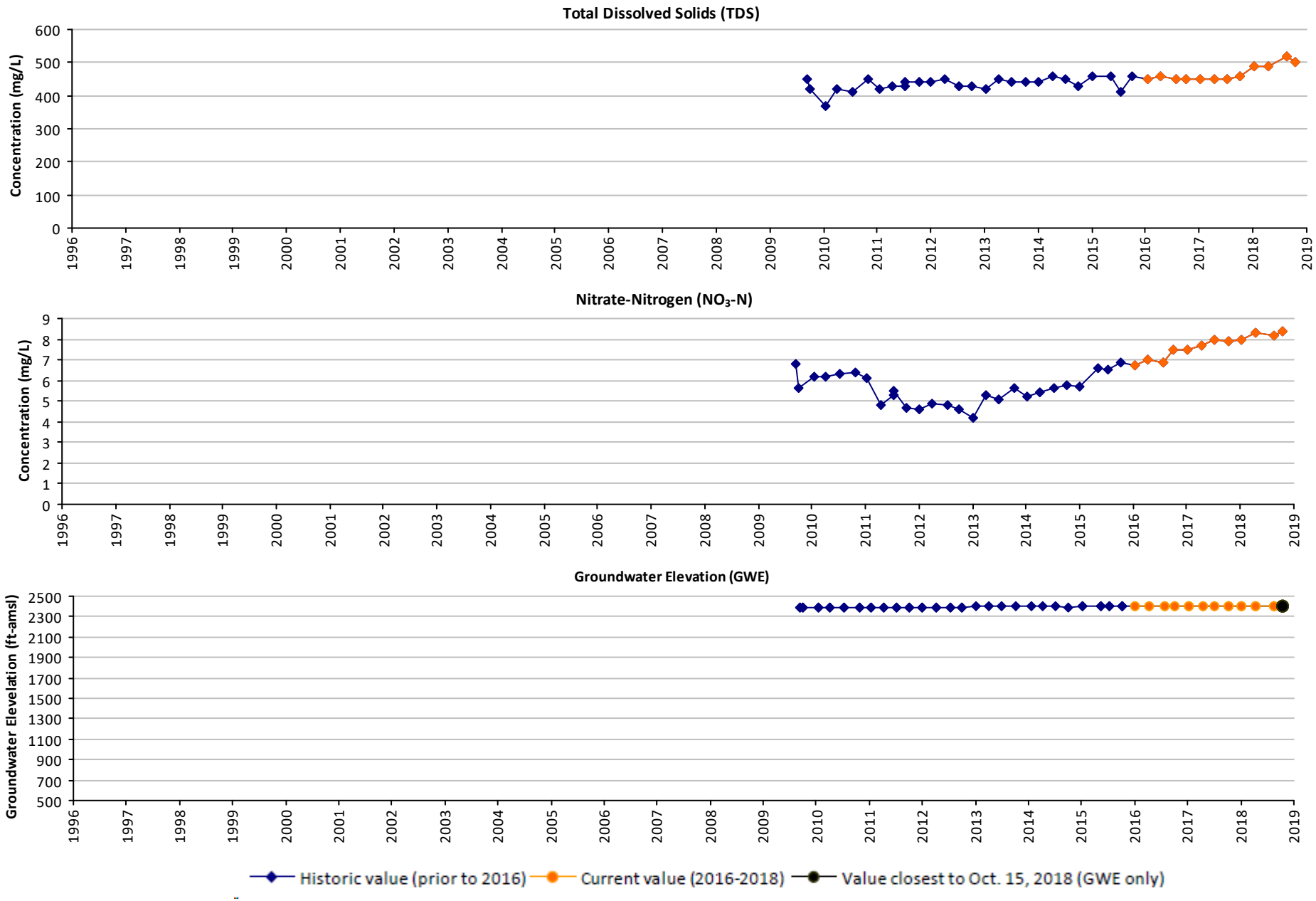

Total Dissolved Solids (TDS)
Concentration (mg/L)
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

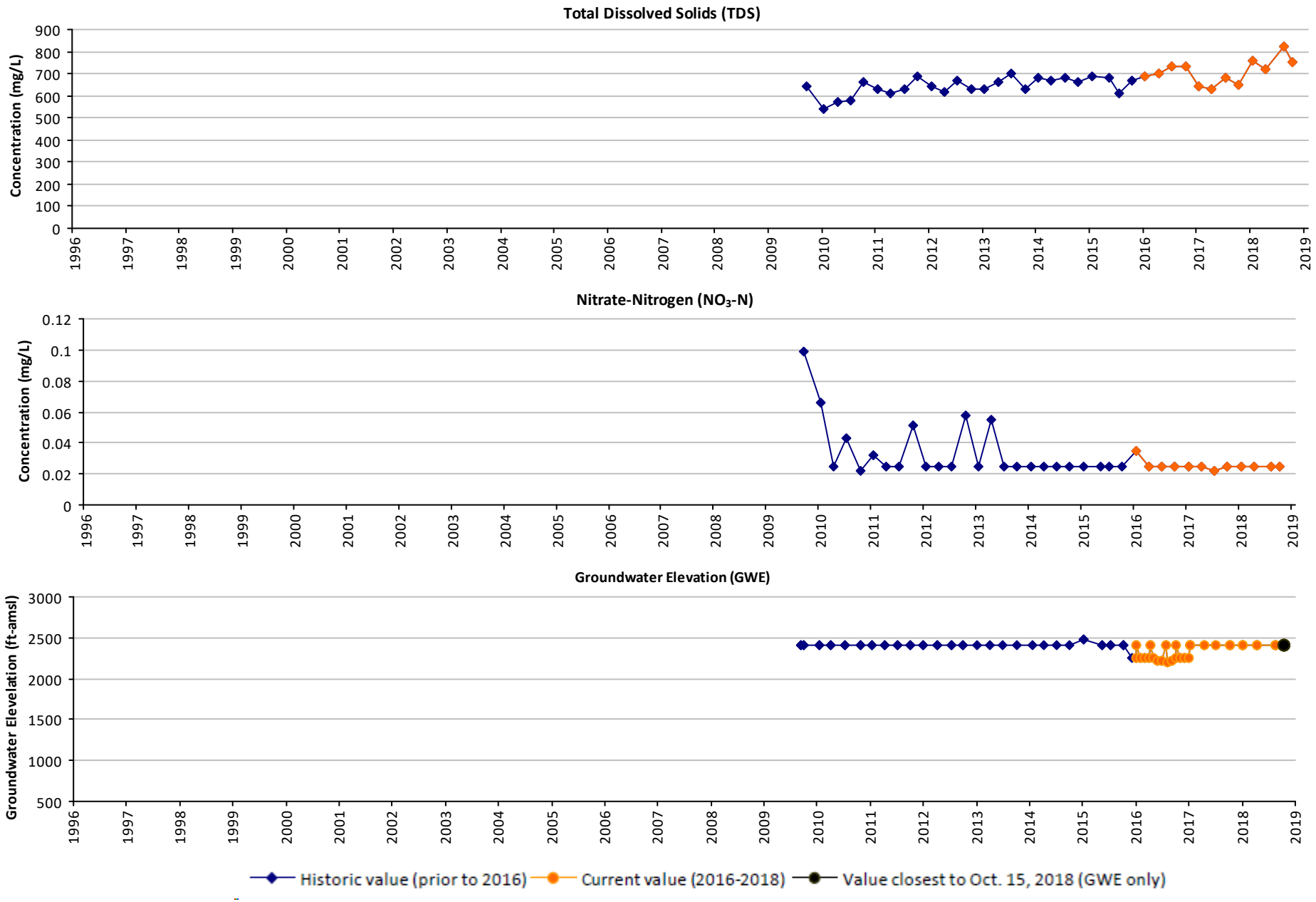

Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
10
8
6
4
2
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

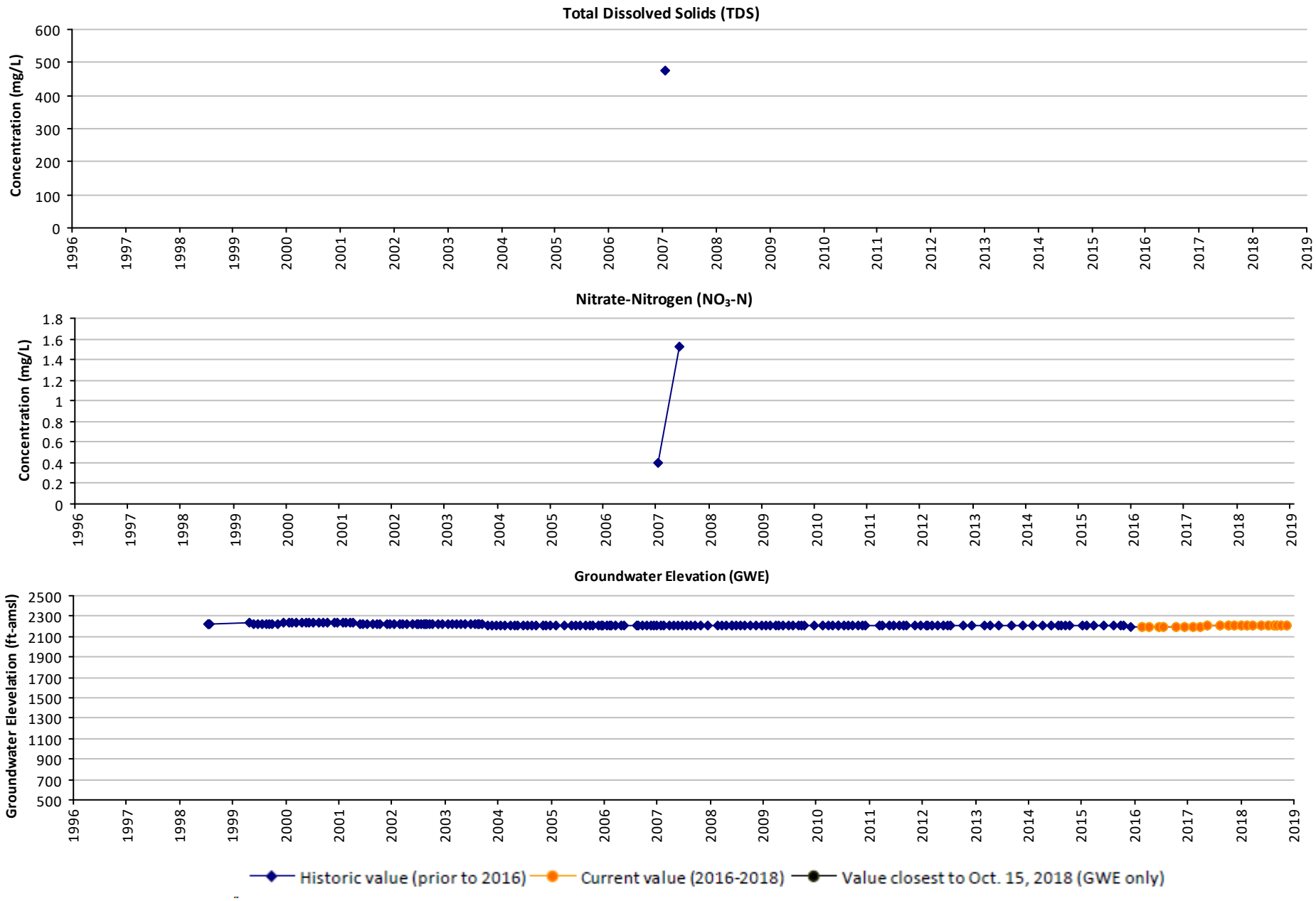

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

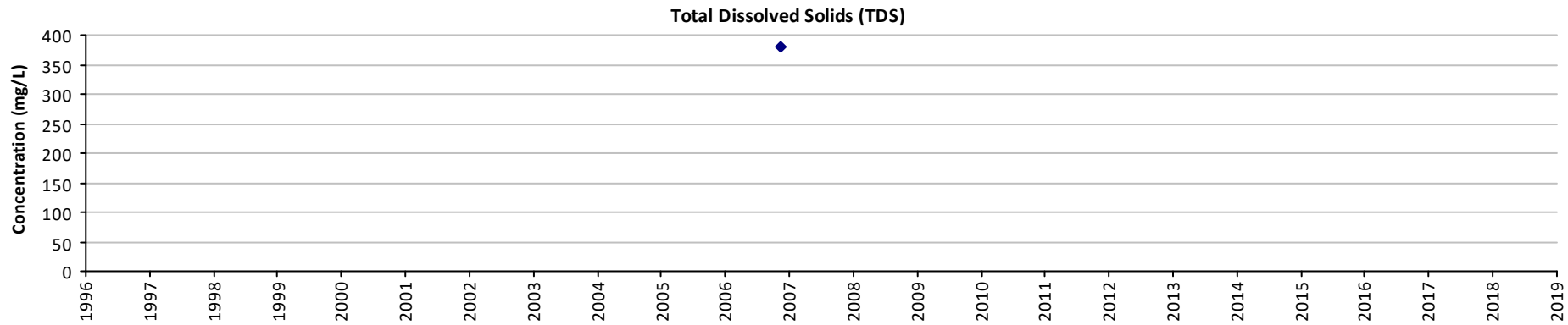

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

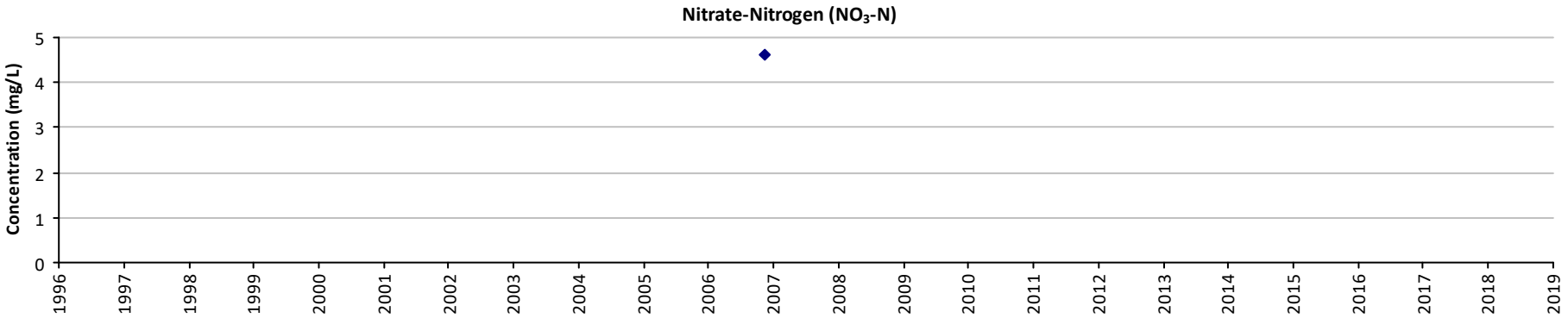

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

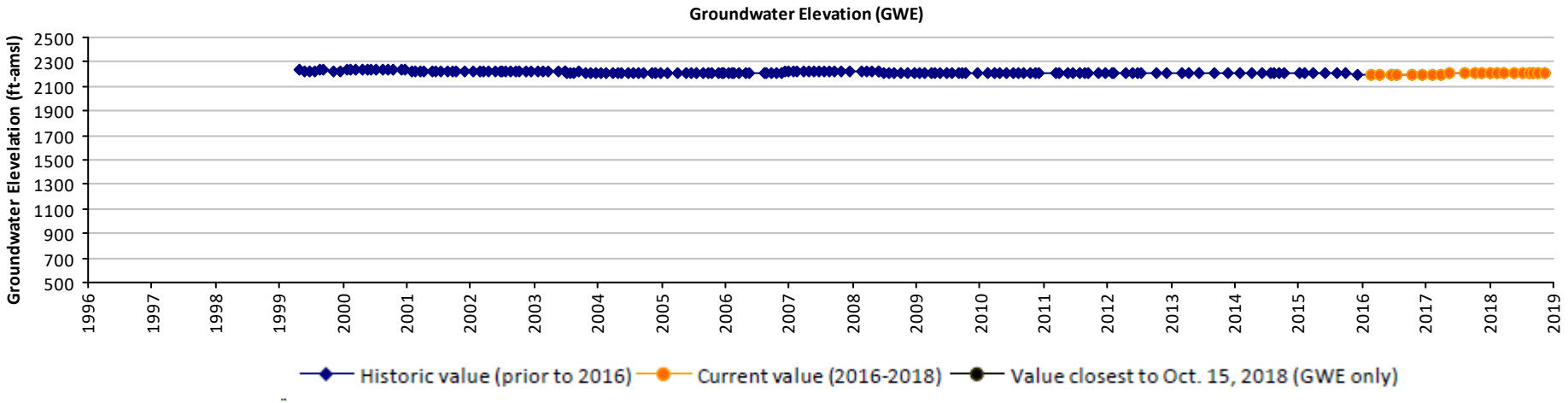

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
2500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

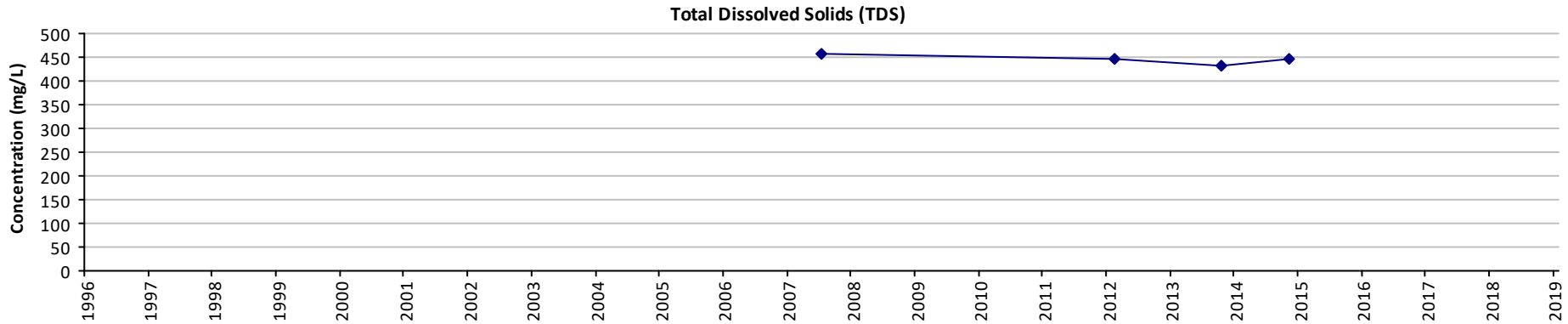

Total Dissolved Solids (TDS)
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
3000
2500
2000
1500
1000
500
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

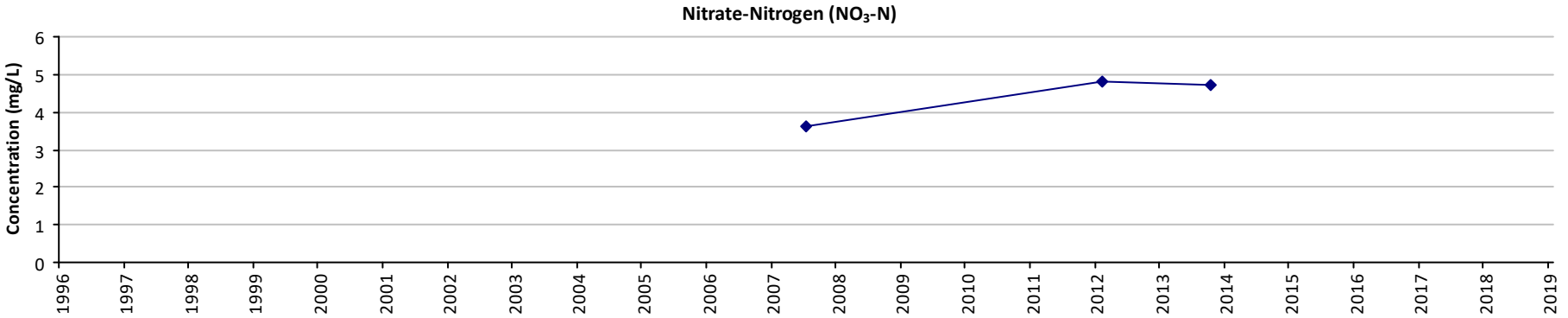

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

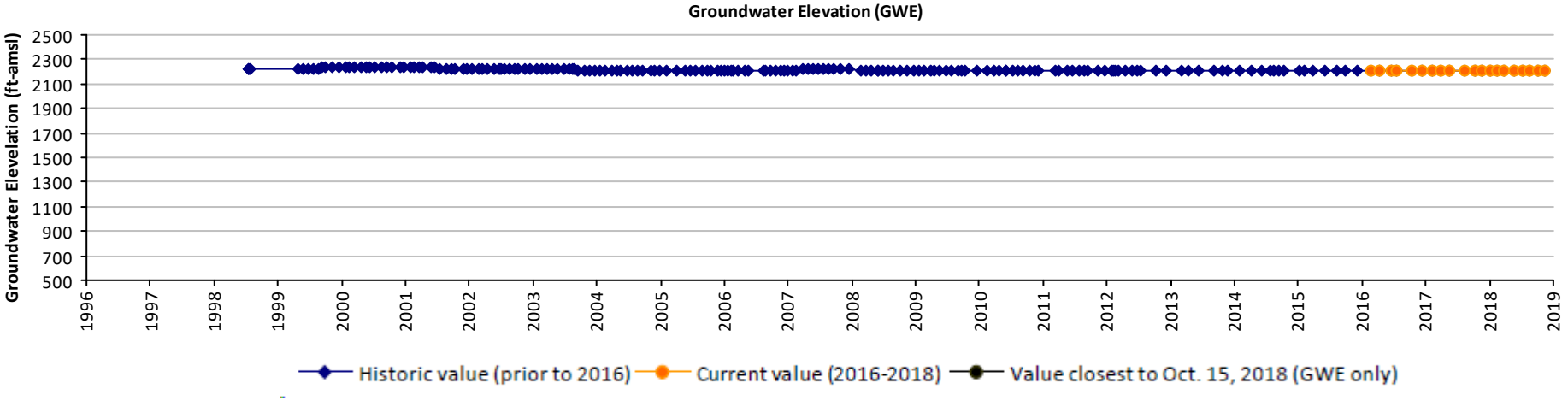

Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

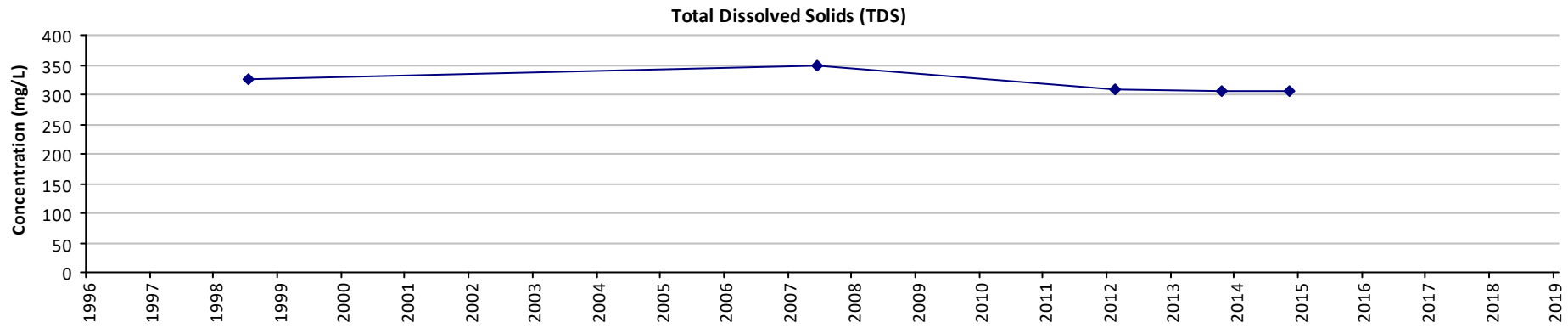

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

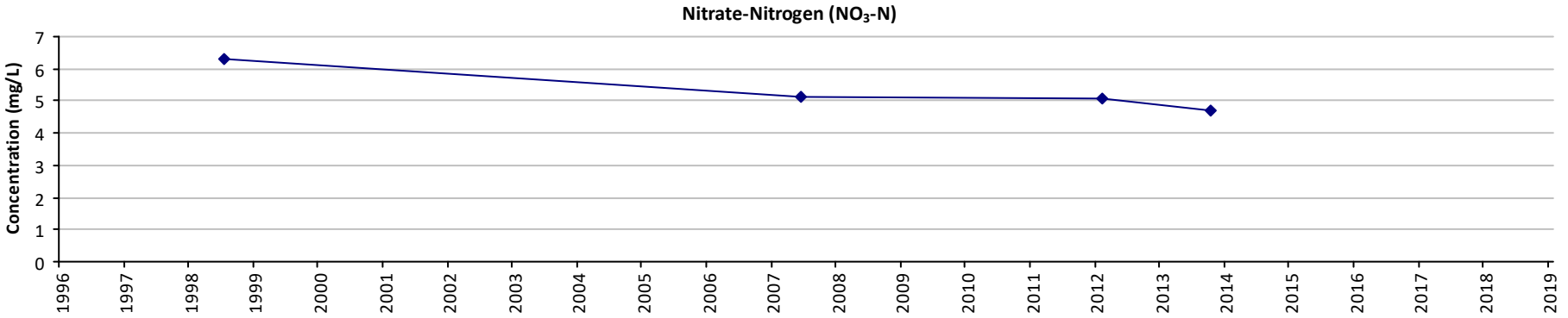

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
500
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
6
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
7
1996
1997
1998
1999
2000
2001
2002
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2004
2005
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2007
2008
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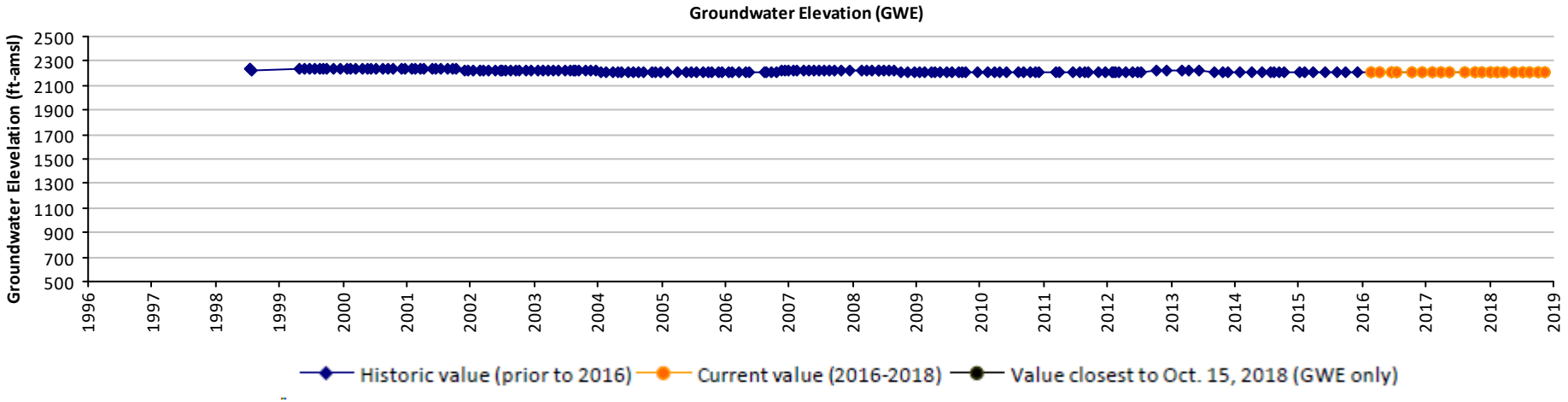
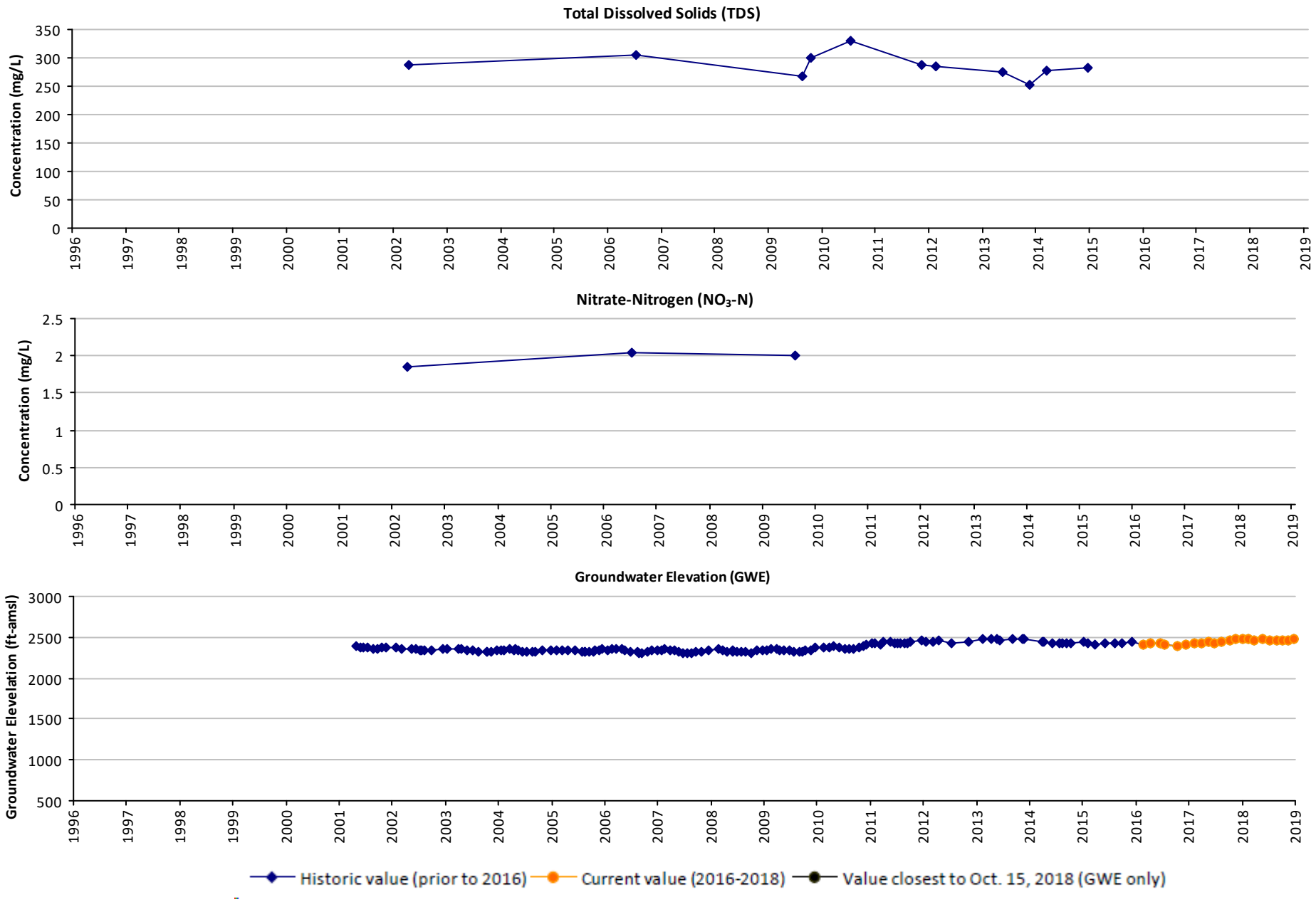
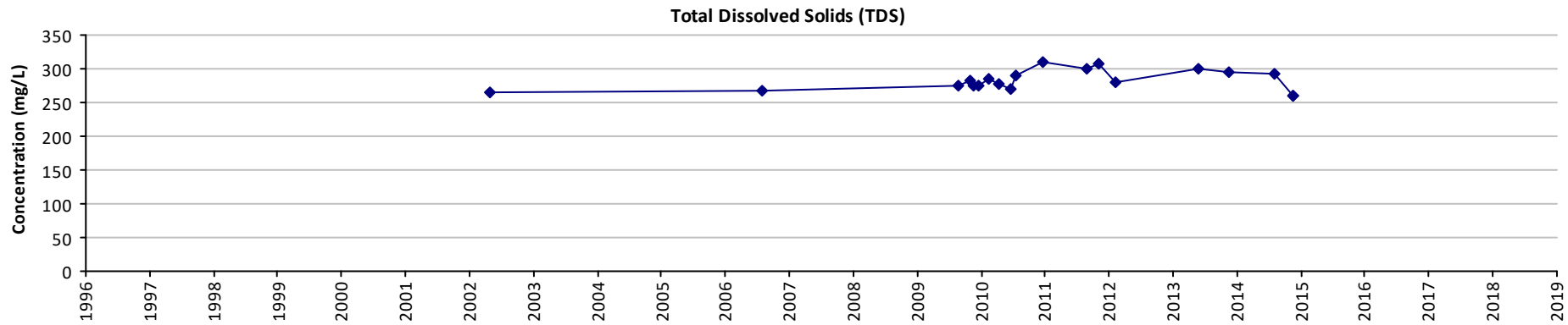
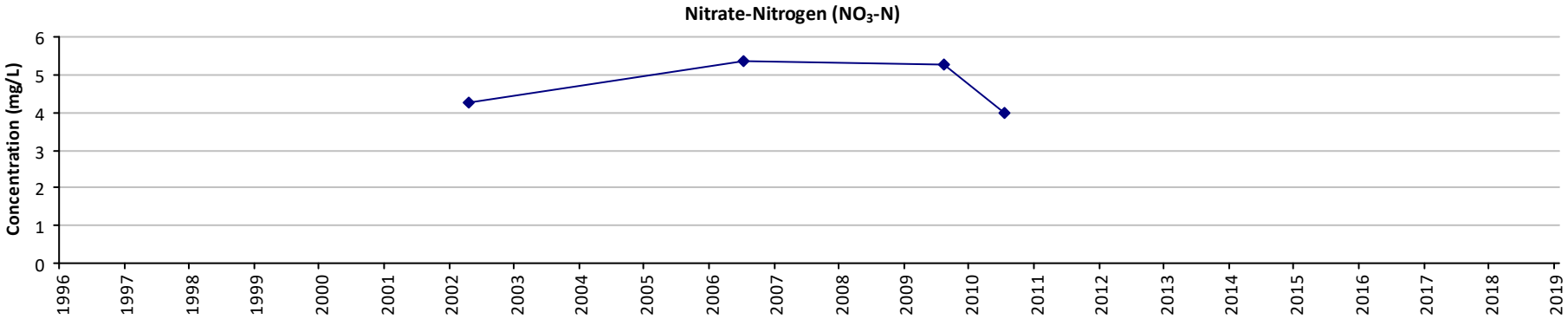
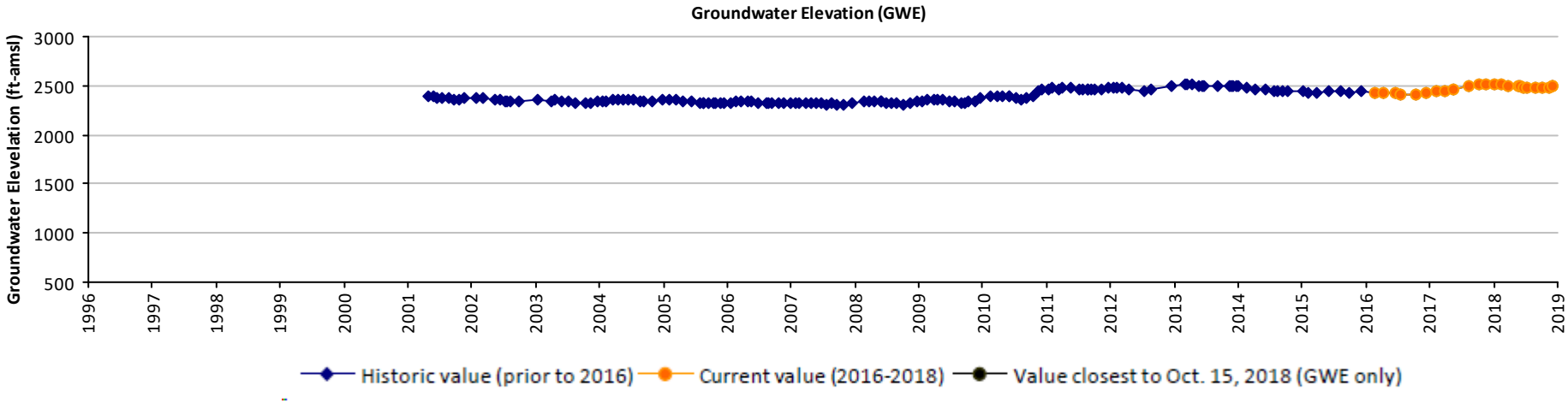
2016
2017
2018
2019

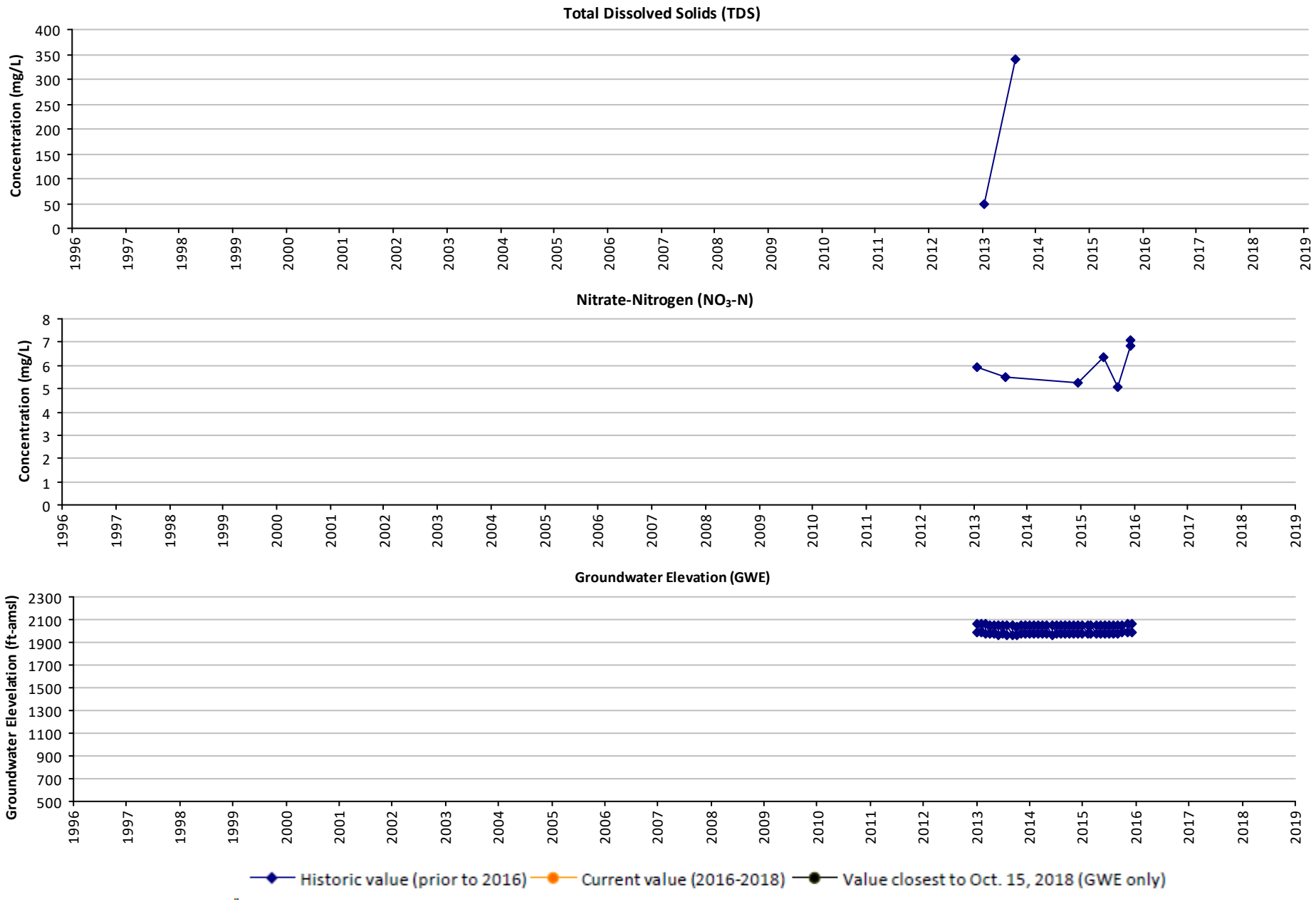

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
2500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.5
1
1.5
2
2.5
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

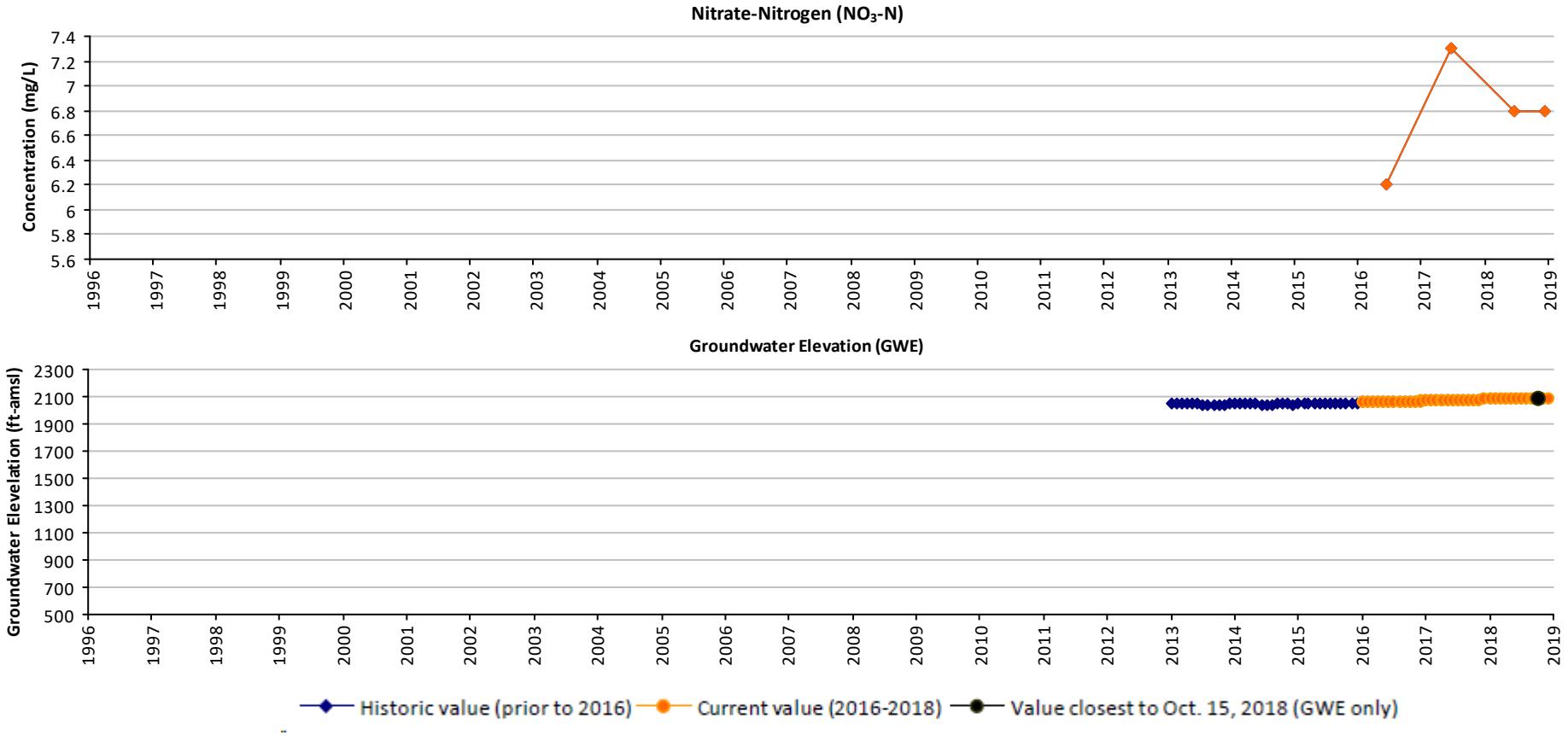

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

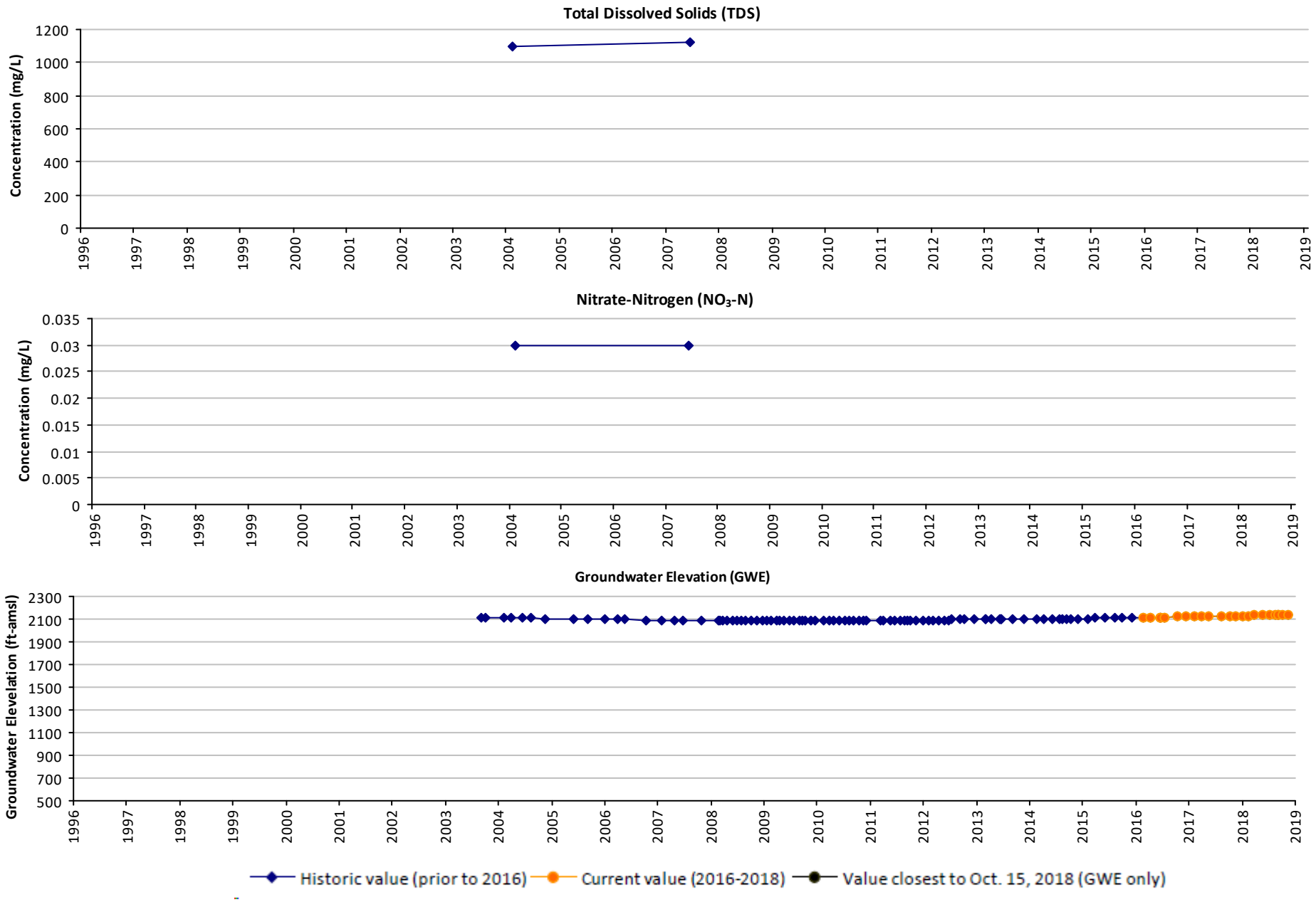

Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

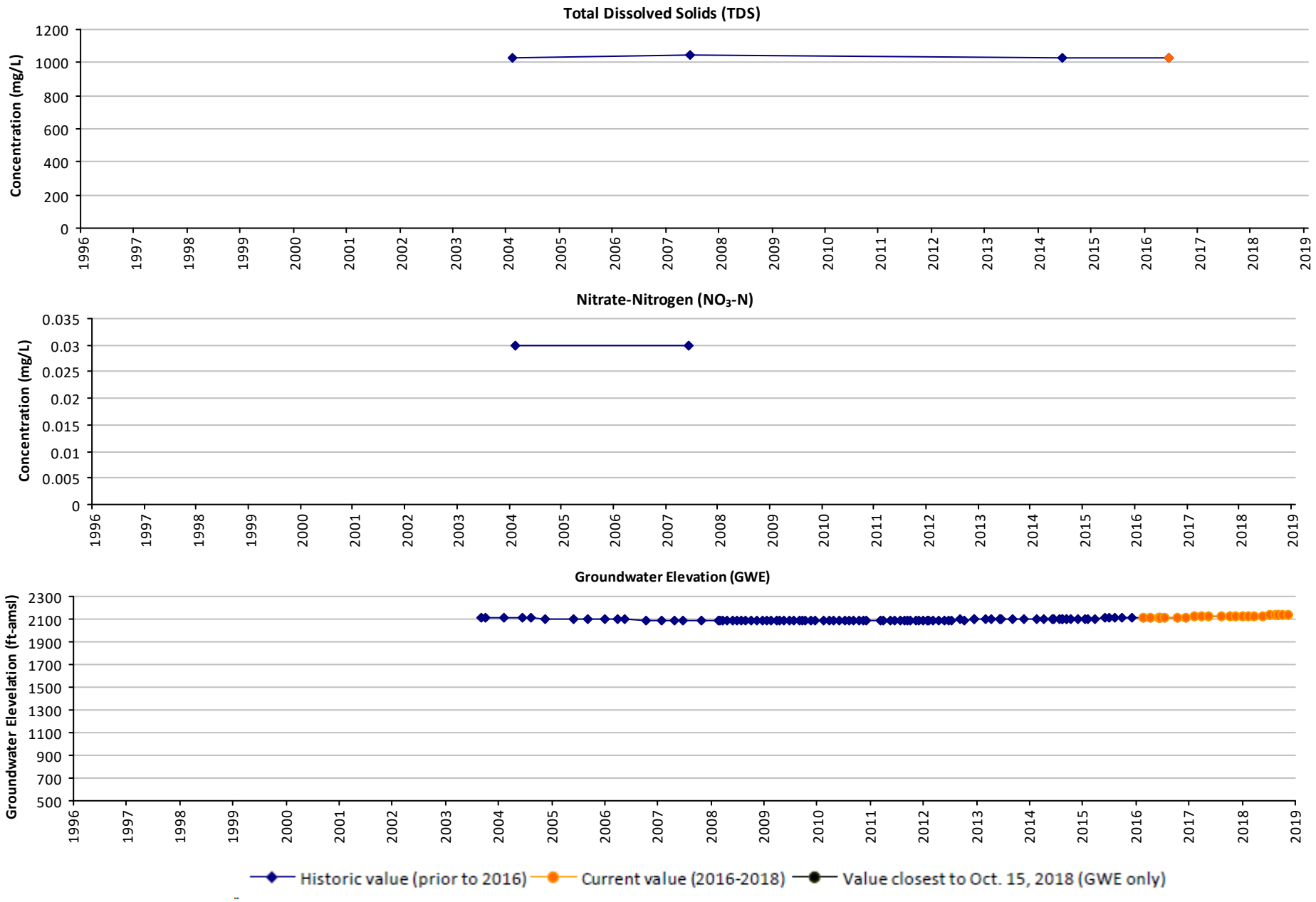

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

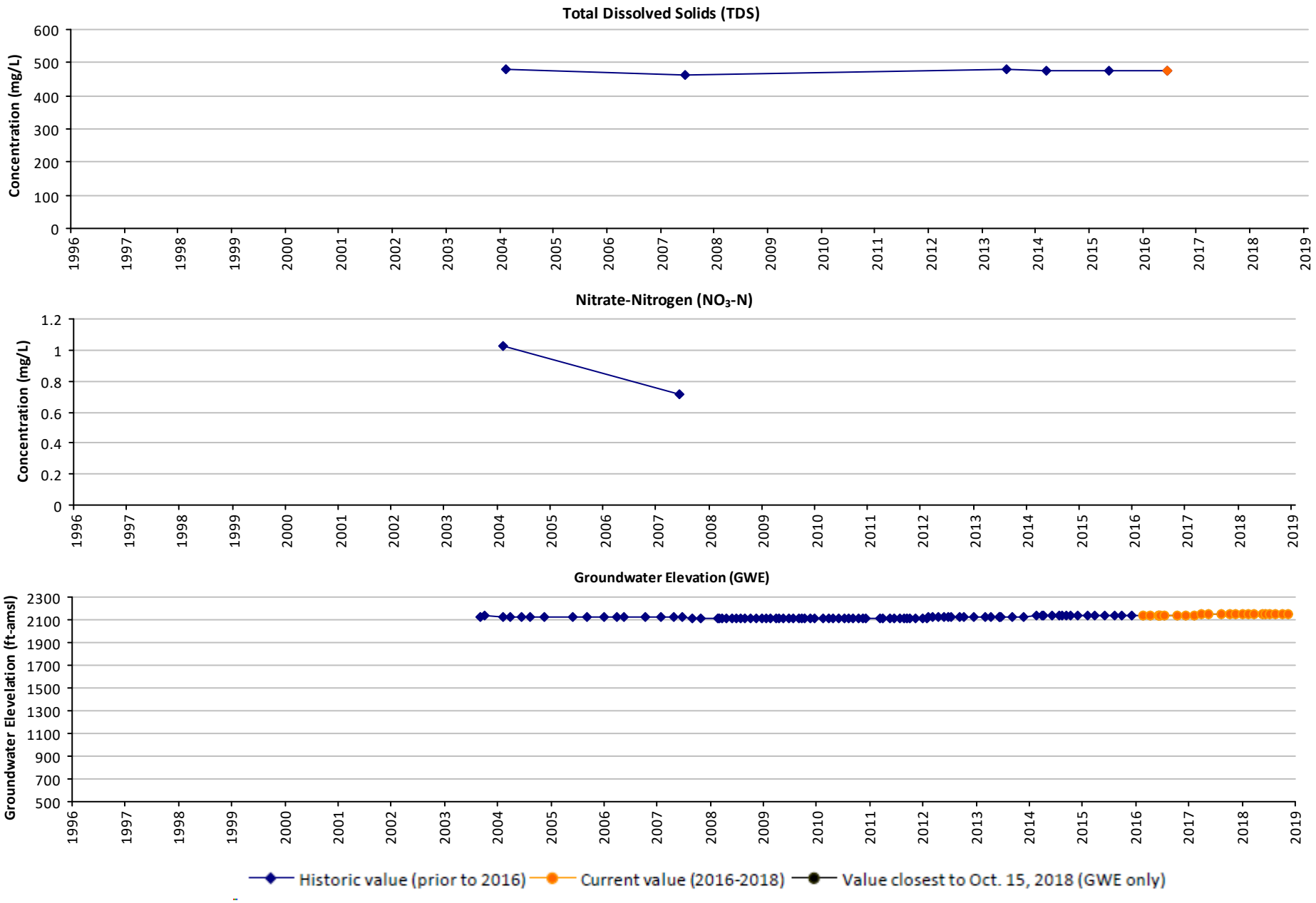

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

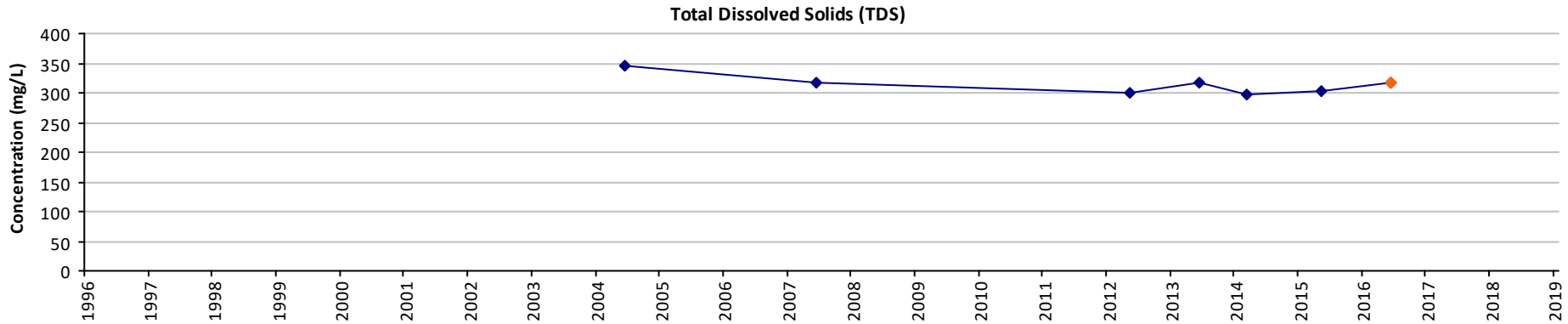
Total Dissolved Solids (TDS)




Total Dissolved Solids (TDS)
Concentration (mg/L)
1200
1000
800
600
400
200
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
2300
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
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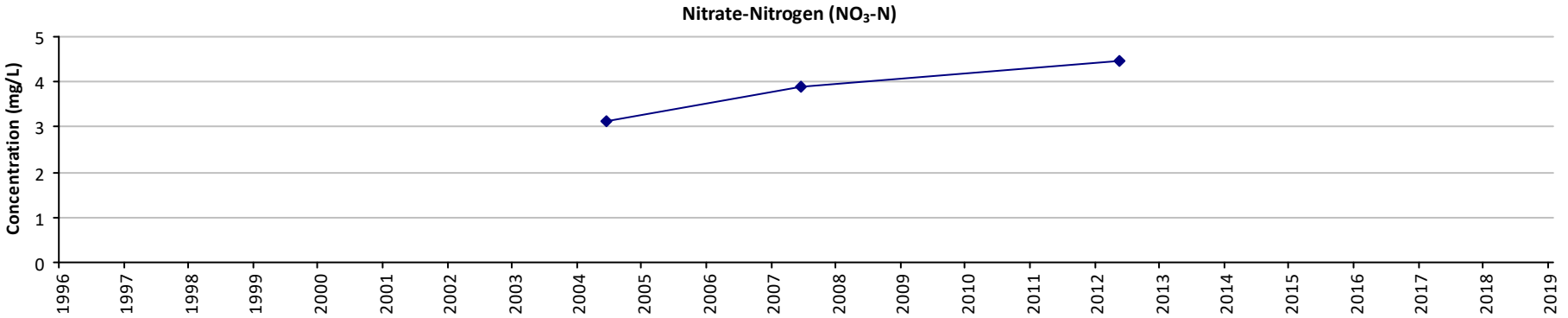
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
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2010
2011
2012
2013
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2016
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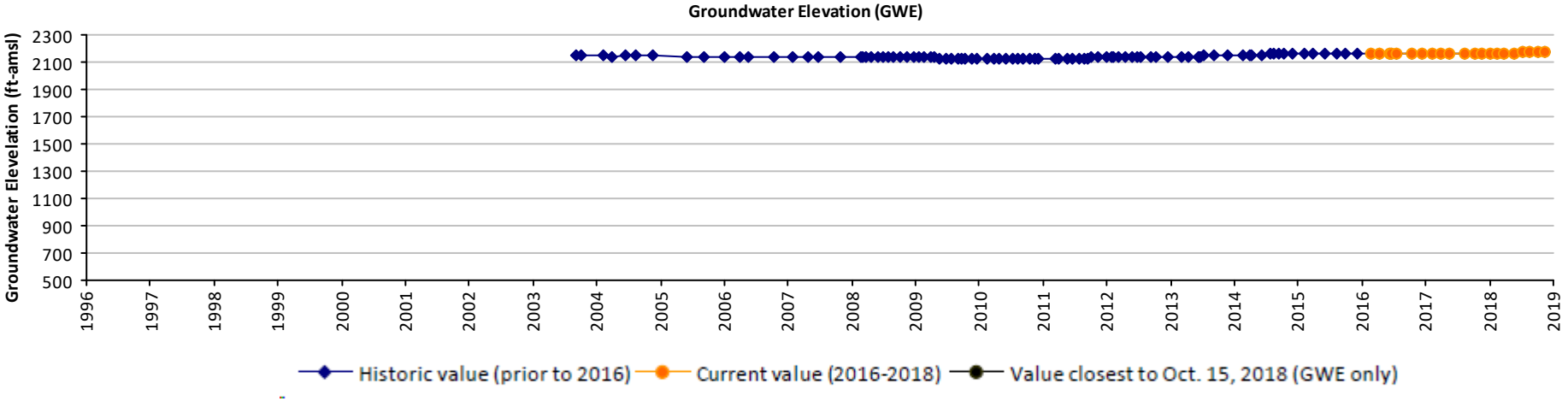
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
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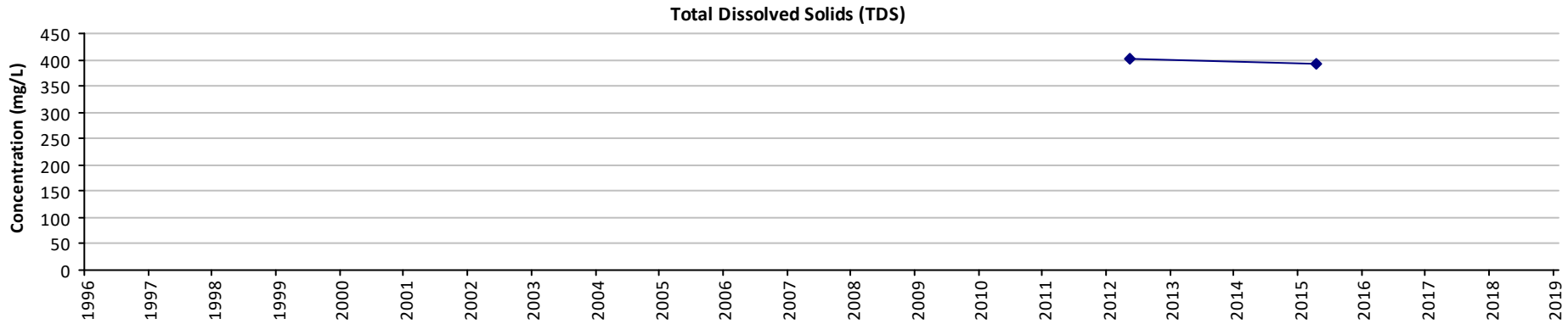
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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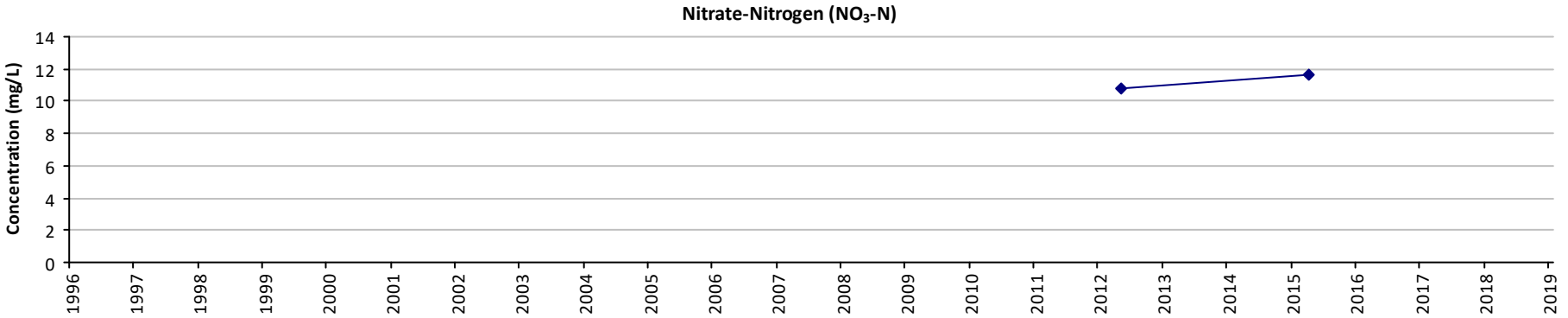
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
14
12
10
8
6
4
2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
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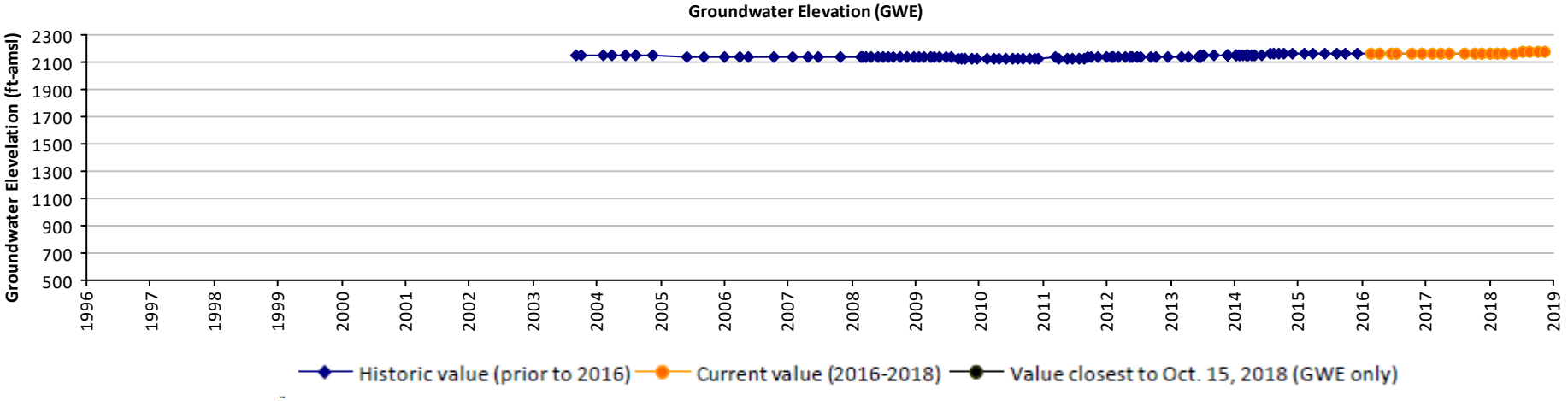
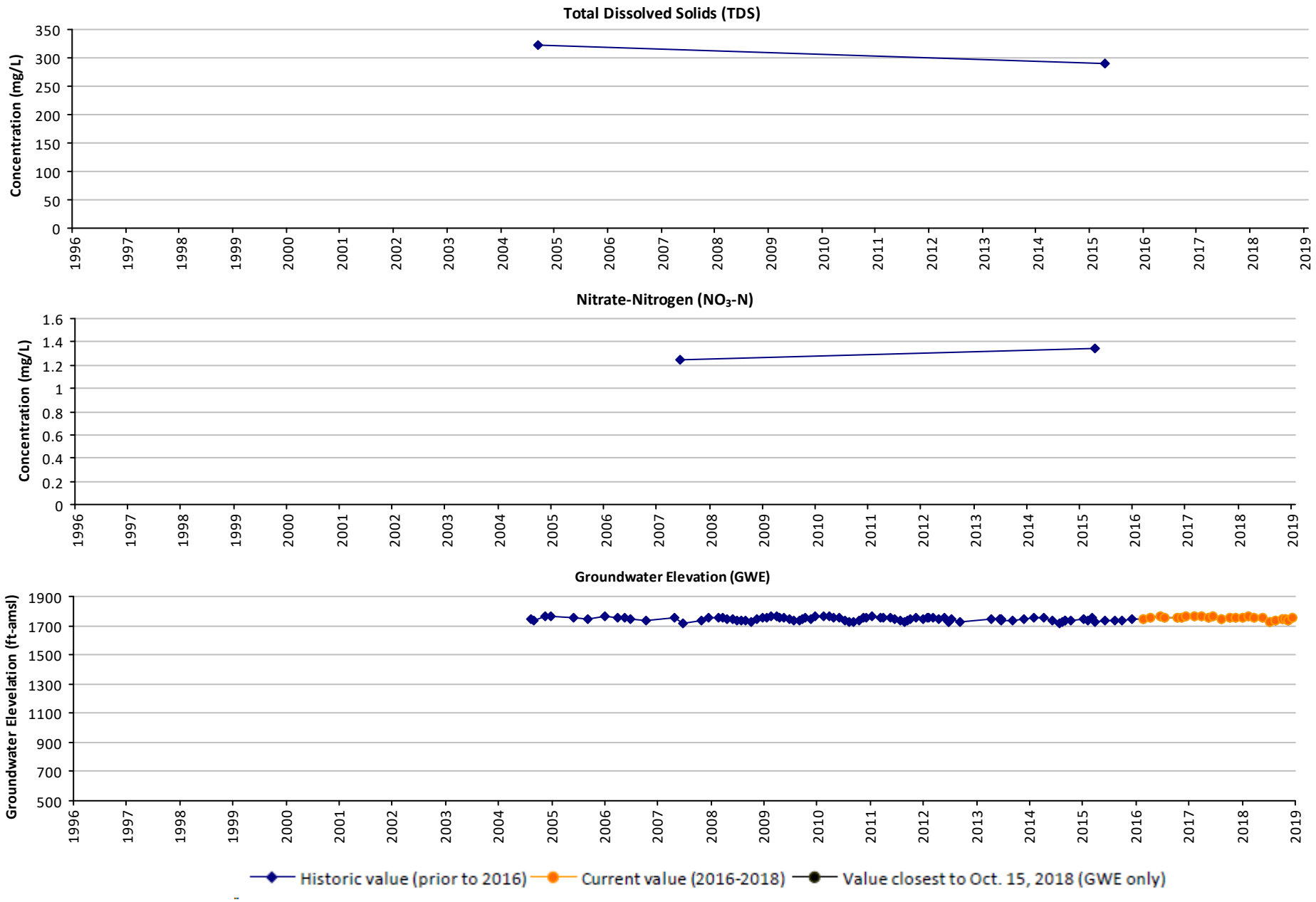
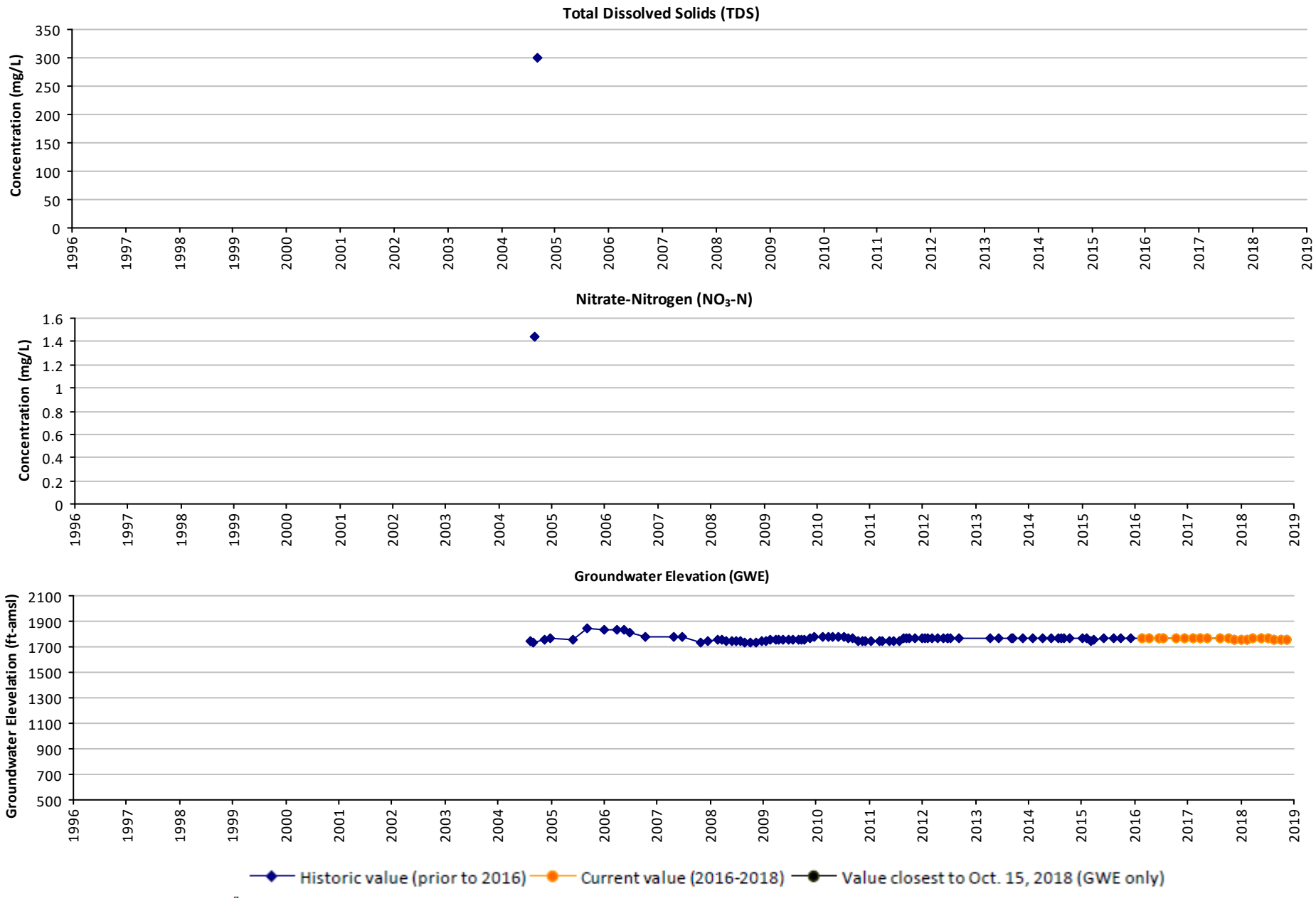
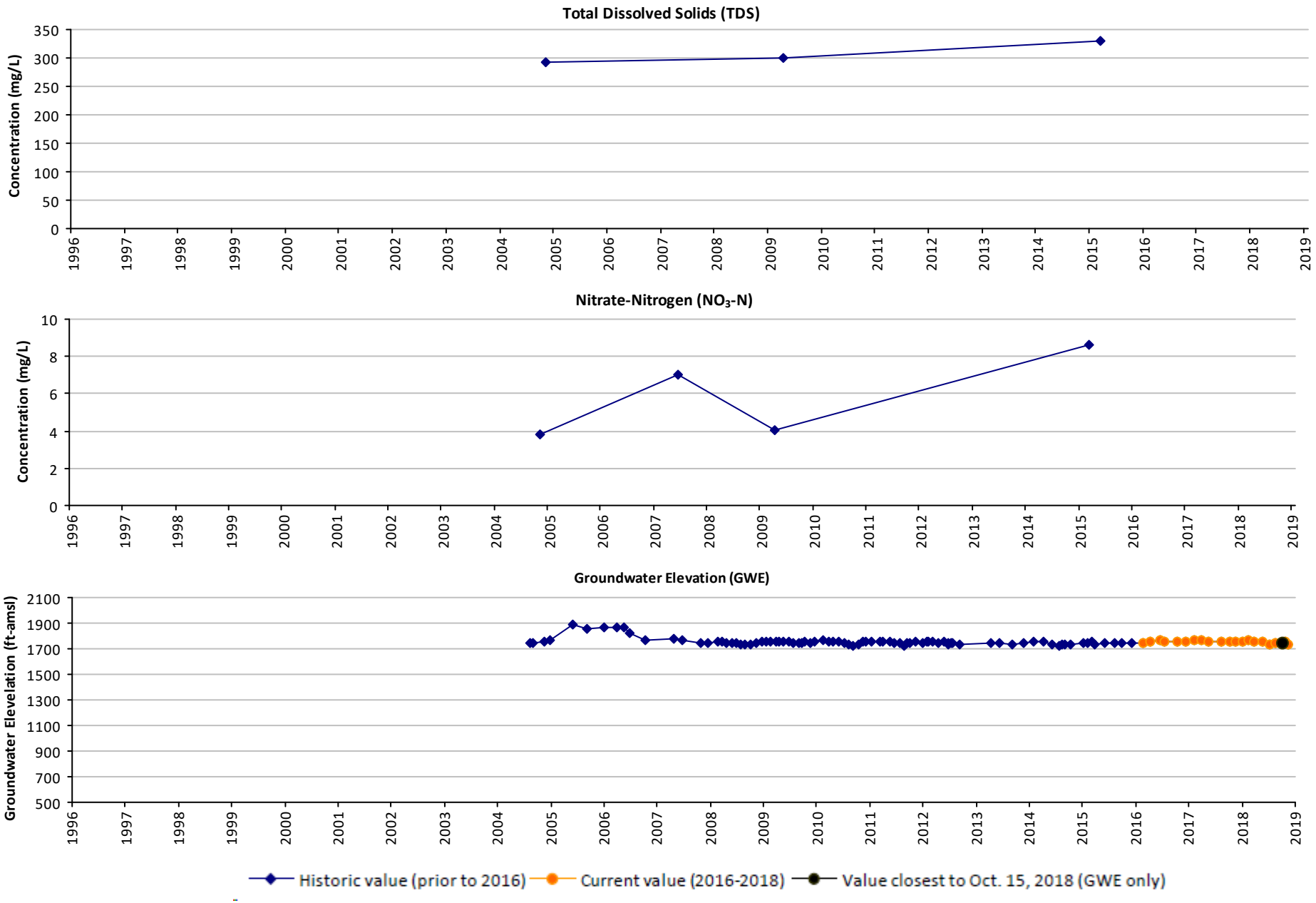
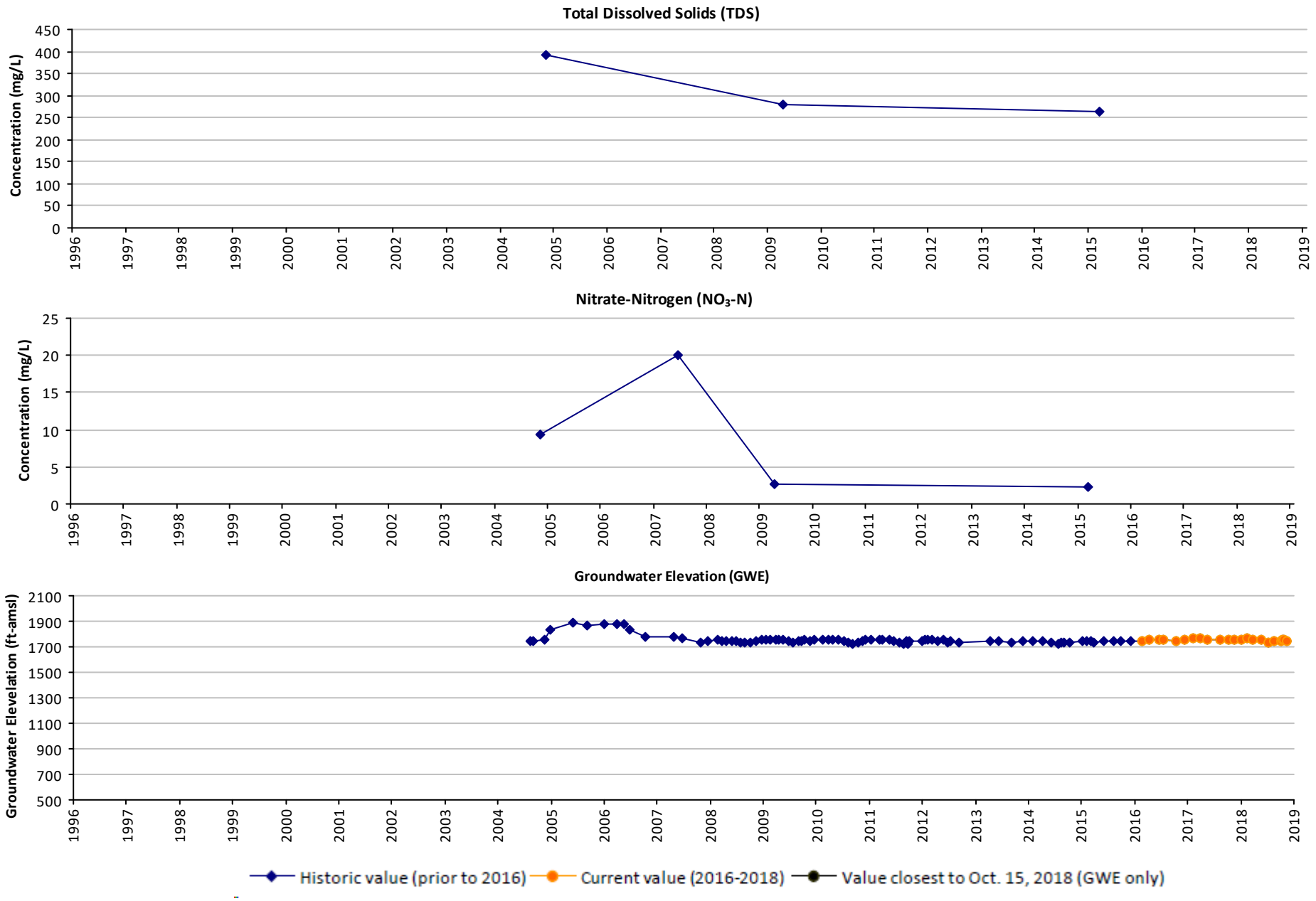
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

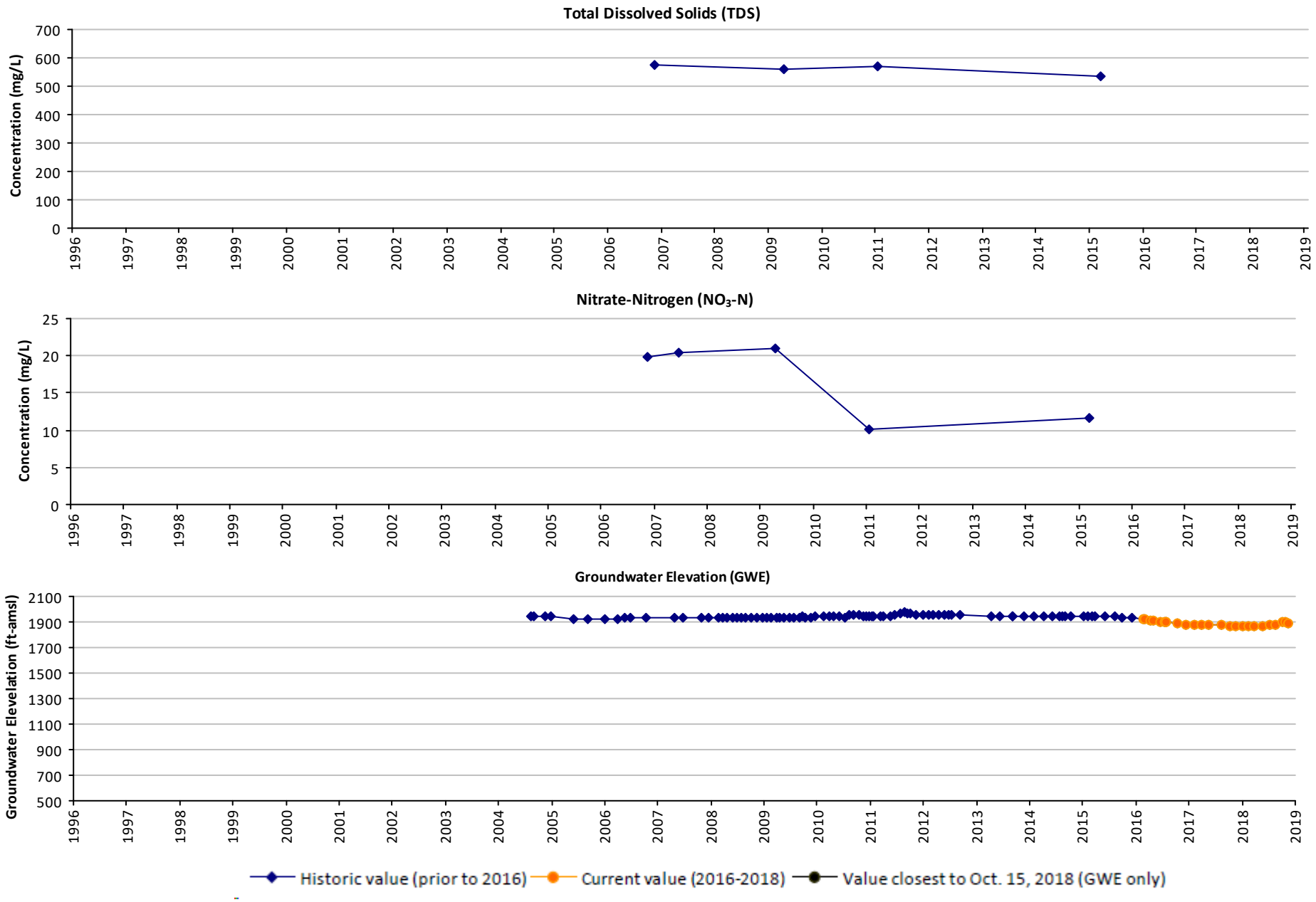

Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
2300
2100
1900
1700
1500
1300
1100
900
700
500
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

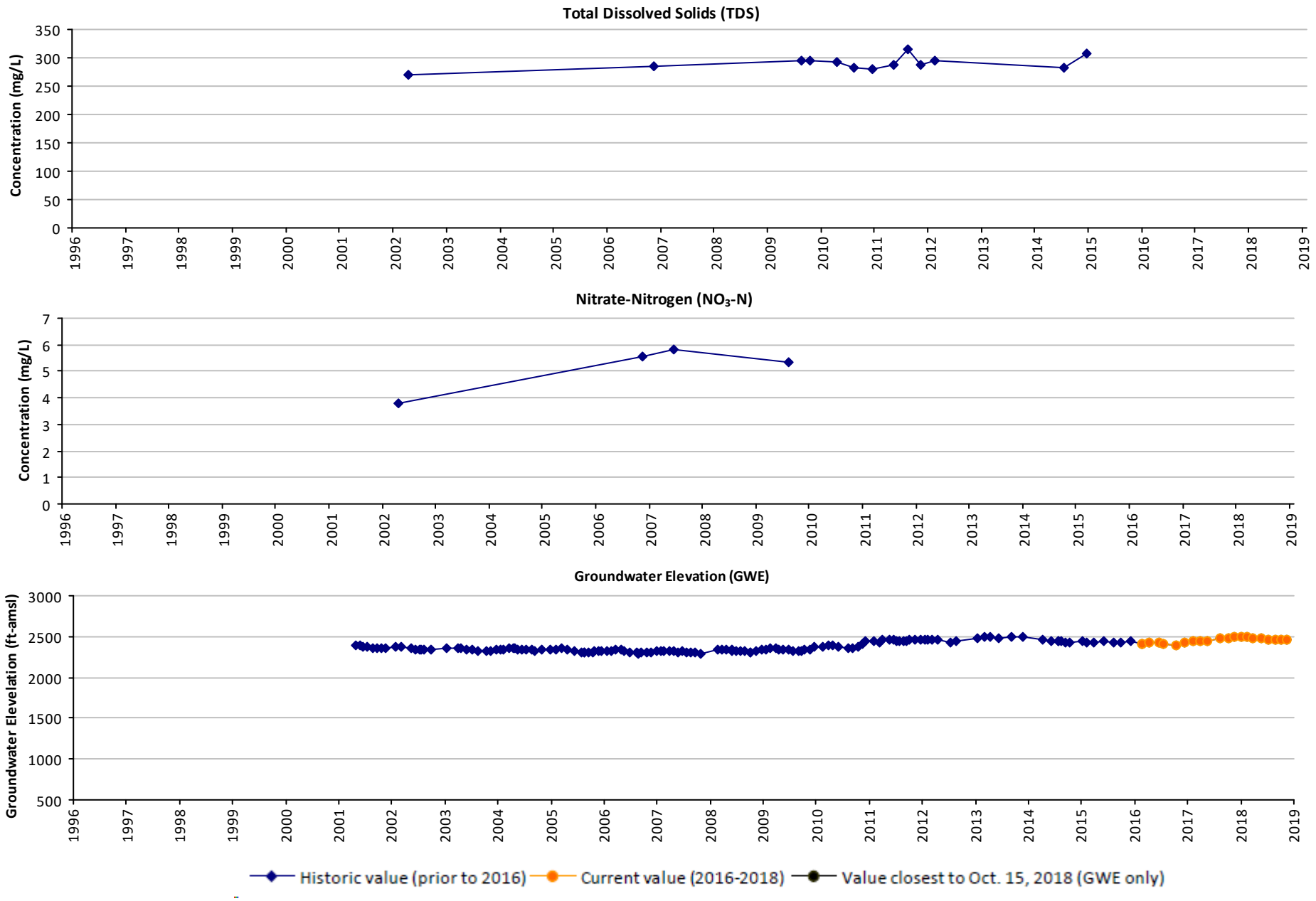

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

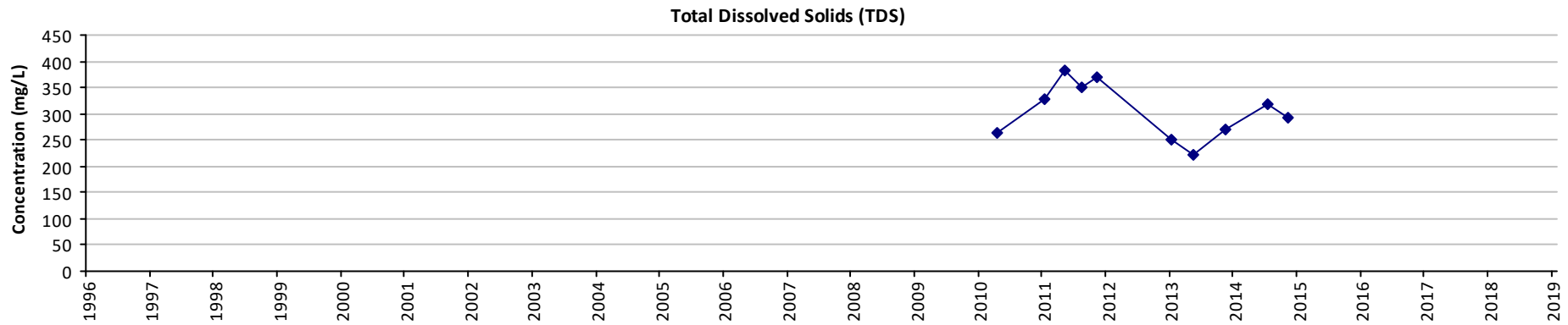

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

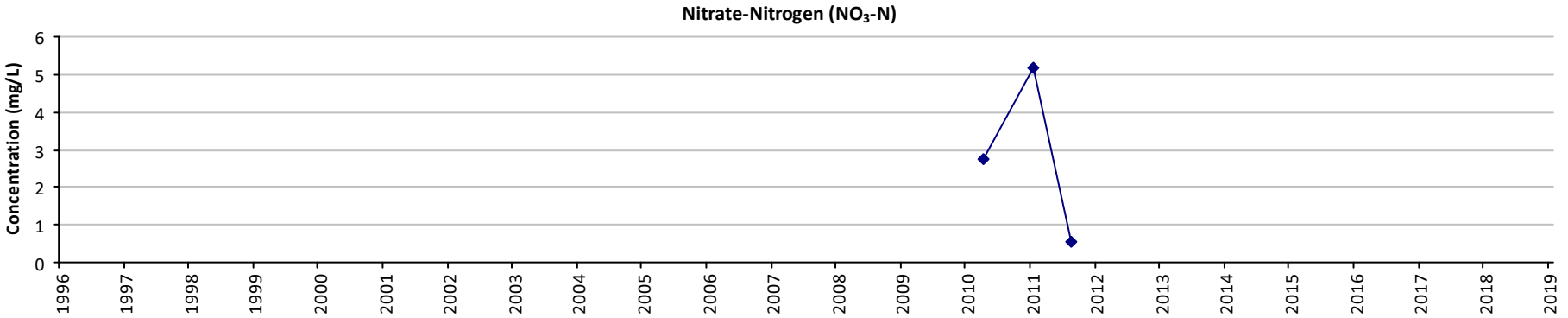

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

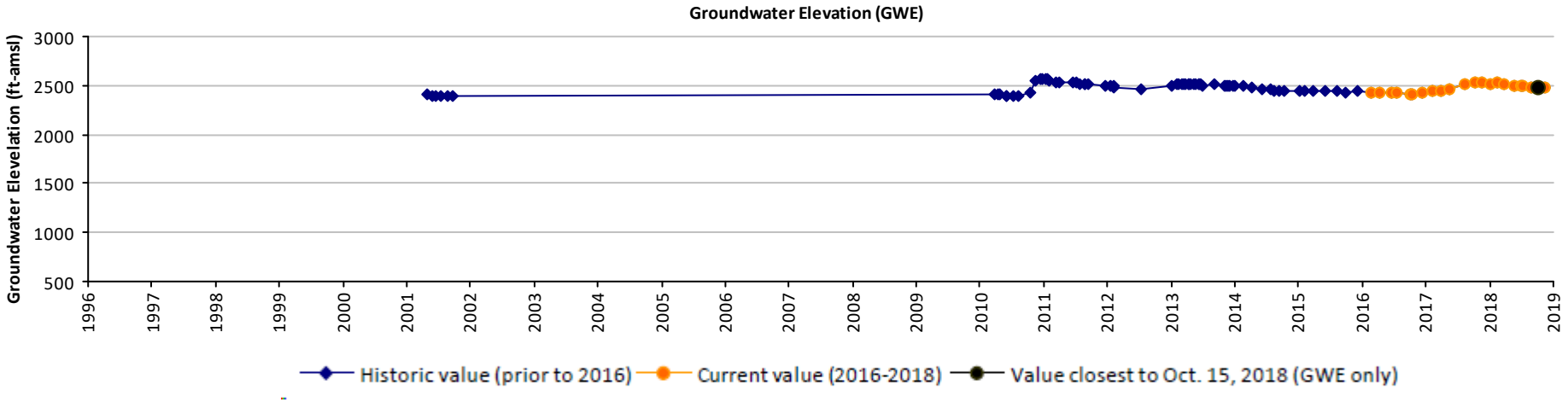

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

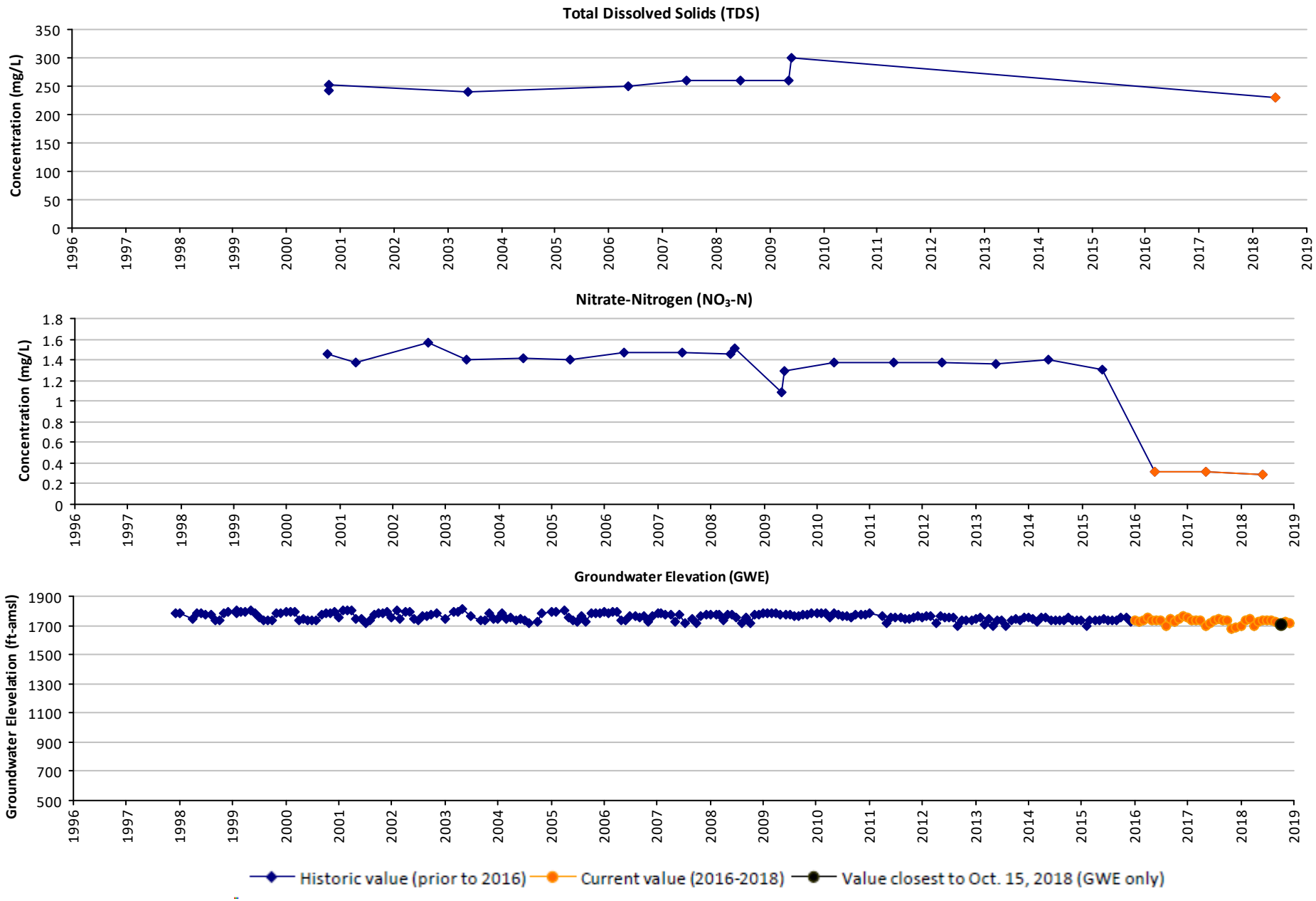

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
100
200
300
400
500
600
700
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
5
10
15
20
25
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
700
900
1100
1300
1500
1700
1900
2100
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

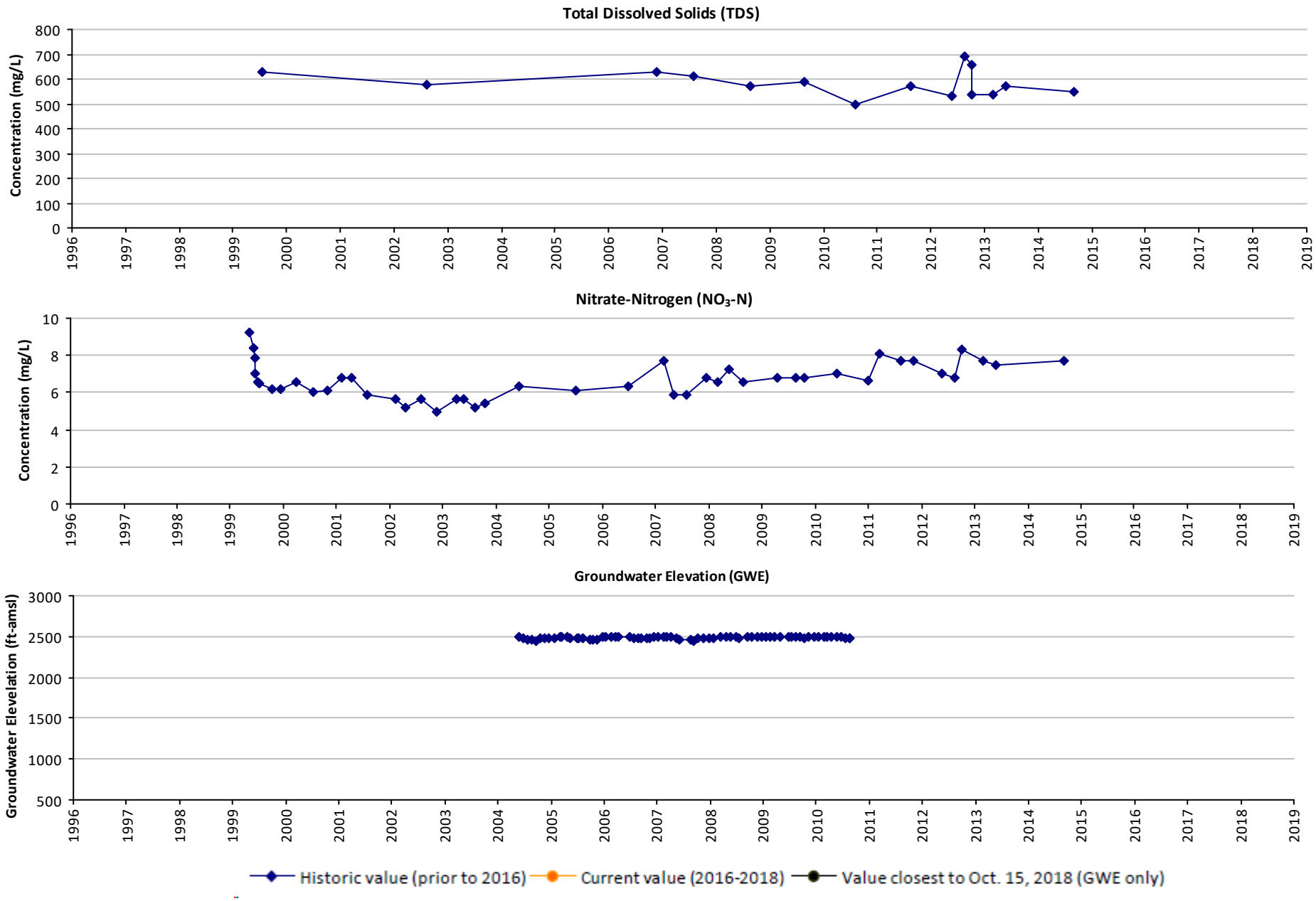

Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)

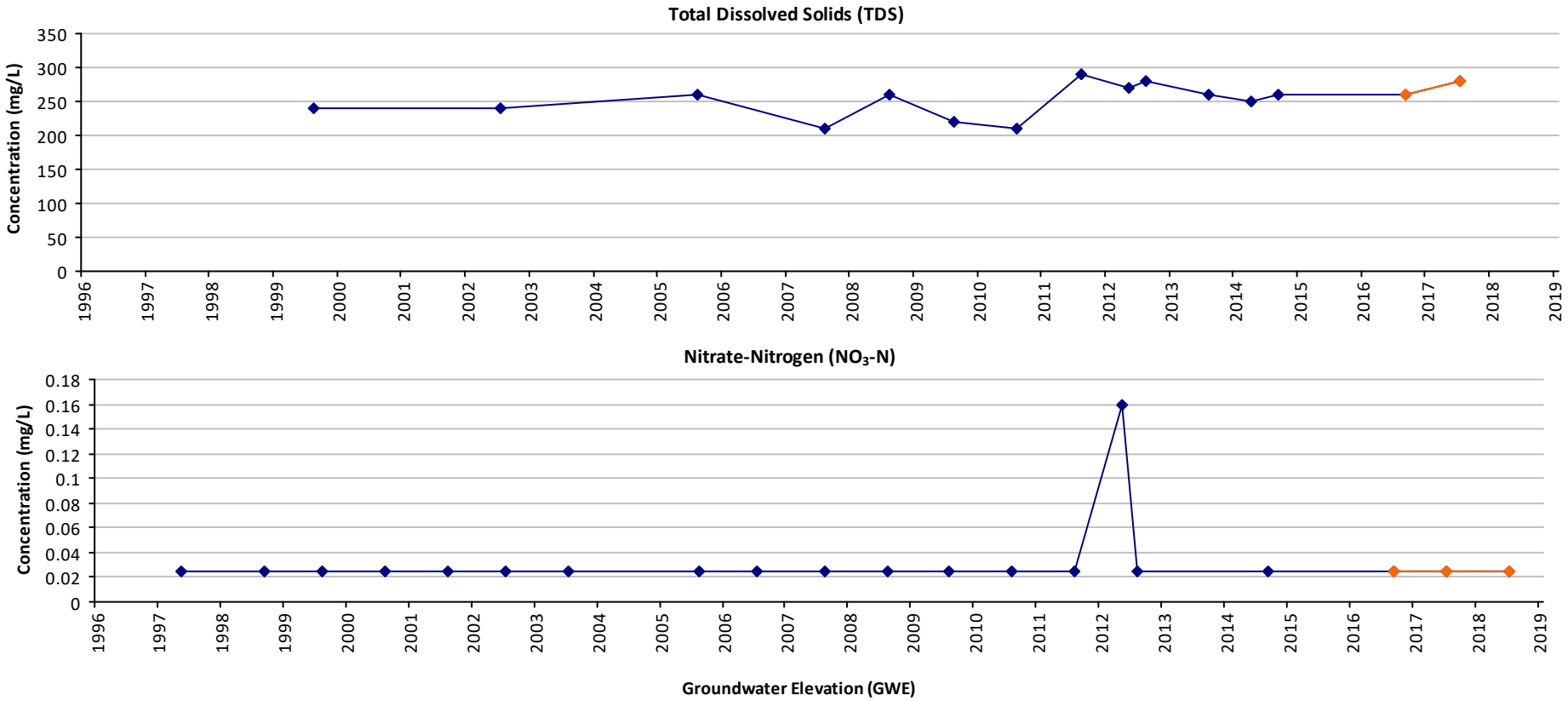

Total Dissolved Solids (TDS)
Concentration (mg/L)
0
50
100
150
200
250
300
350
400
450
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0
1
2
3
4
5
6
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019


Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
500
1000
1500
2000
2500
3000
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevelation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
Groundwater Elevation (GWE)
Groundwater Elevation (ft-amsl)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)


Total Dissolved Solids (TDS)
Concentration (mg/L)
350
300
250
200
150
100
50
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Nitrate-Nitrogen (NO_3-N)
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Groundwater Elevation (GWE)
Historic value (prior to 2016)
Current value (2016-2018)
Value closest to Oct. 15, 2018 (GWE only)