



SANTA ANA WATERSHED
PROJECT AUTHORITY

Update on Quarterly Santa Ana River Monitoring

Basin Monitoring Program Task Force
December 19, 2024

Ian Achimore

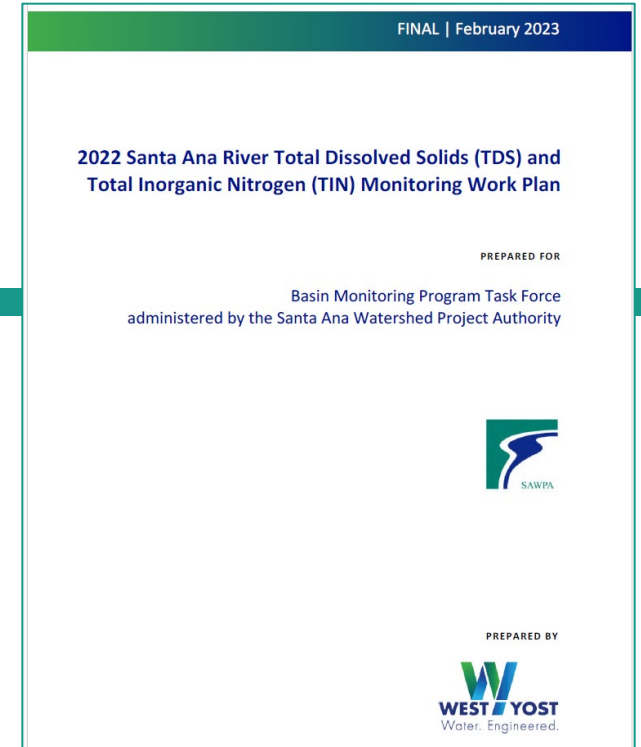
SAWPA Senior Watershed Manager

Purpose of Monitoring

- In December 2021, the Basin Plan was amended through Resolution R8-2021-0025 to update certain elements of the TDS/Nitrogen Management Plan.
- Included in the updates were revisions to the Section V of the TDS/Nitrogen Management Plan that addresses Monitoring Program Requirements.
- In response to the updated monitoring program revisions, SAWPA and the Task Force prepared a Final Santa Ana River Water Quality Work Plan that was submitted on March 30, 2023.
- The Final Work Plan describes the updated surface water monitoring program to assess current compliance with the Basin Plan antidegradation objectives for Santa Ana River reaches.

Notes on consultant contract for monitoring:

- \$93,711 contract executed with CWE (after RFP process) on September 5, 2023.
- Contract covers sampling for calendar years – 2024, 2025 and 2026.



Legend:

OCWD Sites

USGS Sites

Santa Ana River REACH

2

3

4

5

CWE Quarterly Monitoring Sites

Map of Santa Ana River Reaches

2

3

4

5

SAR @ Riverside Ave

SAR @ E Street

SAR @ Mission

Prado Wetlands
Prado Dam
RWQCB Baseflow Monitoring

SAR-BELOWPRADODAM-01

SAR-RIVERRD-01

SAR-HAMNER-01

SAR-ETIWANDA-01

SAR-VANBUREN-01

SAR-MWDXING-01

SAR-MISSION-01

SAR-RIVESIDEAVE-01

SAR-LACADENA-01

SAR-WATERMAN-01



0 2 4 Miles



Parameters Sampled at Monitoring Sites

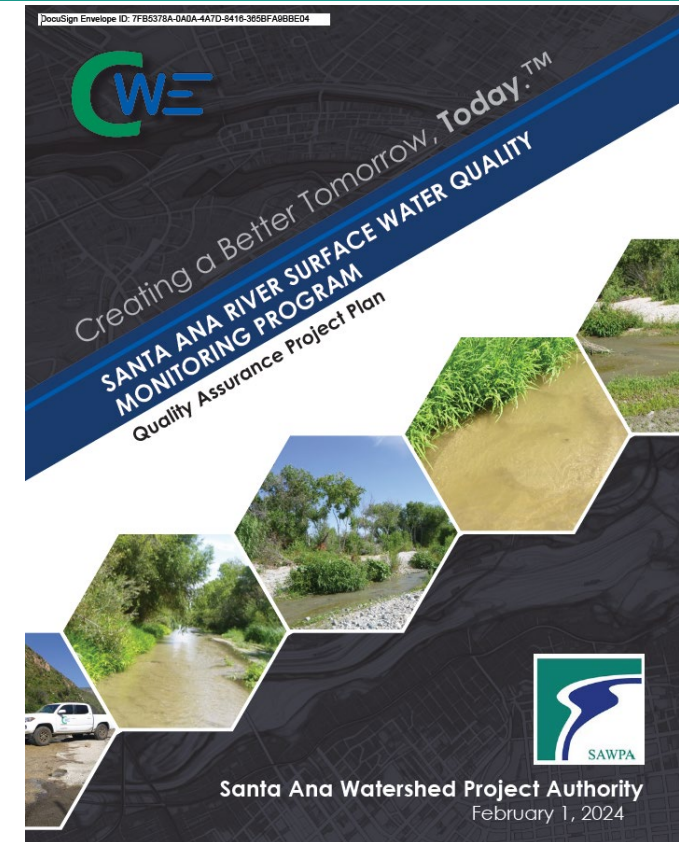
Total Dissolved Solids (TDS)	Ammonia as Nitrogen	Nitrite as Nitrogen
Electrical Conductivity (Specific Conductance)	Nitrate as Nitrogen	Total Inorganic Nitrogen (TIN), Calculated

Sampling Timing

- From Quality Assurance Project Plan (QAPP):

*Due to the variability in precipitation and stream flow from this analysis, it was agreed to conduct sampling events at three monitoring sites on the same day during the last week in each of the four sampling months described in **Section 1.4.3**:*

- *Quarter 1: January*
- *Quarter 2: April*
- *Quarter 3: August*
- *Quarter 4: November*



Sampling Dates from 2024 (First Year)

- Quarter 1: February 29, 2024
- Quarter 2: April 29, 2024
- Quarter 3: August 28, 2024
- Quarter 4: November 25, 2024

E Street On Aug 28, 2024



E Street On Nov 25, 2024



Next Steps

- CWE to upload 2024 data into the California Environmental Data Exchange Network (CEDEN). CWE to provide proof of upload, as well as completed data templates used to upload data (preferably in Excel).
- CWE let SAWPA know they are waiting on lab results from November 25, 2024 sampling before they upload 2024 data to CEDEN.



Thank You

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