Table 4-1. Number of Potential Data Gaps in Each GMZ and the Dischargers/Agencies Designated to Resolve Them[a]

Groundwater Management Zones	GMZ Features[b]					Number of Potential Data Gaps Identified	Priority in Filling Potential Data Gaps[d]	Dischargers/Agencies Designated to Resolve Potential Data Gaps[c]																					
	Recycled water is discharged to unlined streams or ponds or the SAR in GMZ	Recycled water is used for direct non-potable use or recharge in the GMZ	Area with surface water-groundwater connectivity with SAR or tributary with RW discharge	Imported water and/or stormwater recharge in GMZ	GMZ used for potable municipal supply			Beaumont Cherry Valley WD	Chino Basin Watermaster	City of Banning	City of Beaumont	City of Colton	City of Corona	City of Redlands	City of Rialto	City of Riverside	City of San Bernardino	Cucamonga Valley WD	East Valley WD	Eastern MWD	Elsinore Valley MWD	Inland Empire Utilities Agency	Jurupa CSD	Temescal Valley Water District	Orange County WD	San Bernardino Valley MWD	San Gorgonio Pass WA	Western Municipal WD	Yucaipa Valley WD
San Jacinto Basins																													
Canyon				Y	Y	1[e]	Low/NA													X									
San Jacinto Upper Pressure [f]	Y	Y		Y	Y	0	High													X									
San Jacinto Lower Pressure	Y	Y				1	High													X									
Hemet South	Y	Y			Y	2	High													X									
Lakeview/Hemet North	Y	Y			Y	0	High													X									
Perris North	Y	Y			Y	0	High													X									
Perris South	Y	Y			Y	0	High													X									
Menifee	Y	Y			Y	1	High													X									
Beaumont/Yucaipa Plain																													
Beaumont [f]	Y		Y	Y	Y	1	High	X		X	X																X		X
San Timoteo [f]	Y	Y	Y		Y	0	High				X																		X
Yucaipa [f]		Y		Y	Y	0	High																						X
San Bernardino Basin																													
Lytle [g]					Y	1	Low																						
Bunker Hill-A [g]				Y	Y	1	Low																						
Bunker Hill-B	Y	P	Y	Y	Y	0	High							X			P		P							P			
Rialto					Y	0	Low																						
Colton[h]			Y		Y	1	High																						
Riverside and Arlington Basins																													
Riverside-B					Y	2	Low																						
Riverside-C		F				1 - 2	Low																F						
Riverside-A	Y	Y	Y		Y	2	High					X			X	X	X												
Riverside-F		F			Y	1	Low									F													
Riverside-E		P				0	High									P													
Riverside-D		P				2	High									P													
Arlington		Y		Y	Y	3	High									X												F	

Table 4-1. Number of Potential Data Gaps in Each GMZ and the Dischargers/Agencies Designated to Resolve Them[a]

Groundwater Management Zones	GMZ Features[b]					Number of Potential Data Gaps Identified	Priority in Filling Potential Data Gaps[d]	Dischargers/Agencies Designated to Resolve Potential Data Gaps[c]																					
	Recycled water is discharged to unlined streams or ponds or the SAR in GMZ	Recycled water is used for direct non-potable use or recharge in the GMZ	Area with surface water-groundwater connectivity with SAR or tributary with RW discharge	Imported water and/or stormwater recharge in GMZ	GMZ used for potable municipal supply			Beaumont Cherry Valley WD	Chino Basin Watermaster	City of Banning	City of Beaumont	City of Colton	City of Corona	City of Redlands	City of Rialto	City of Riverside	City of San Bernardino	Cucamonga Valley WD	East Valley WD	Eastern MWD	Elsinore Valley MWD	Inland Empire Utilities Agency	Jurupa CSD	Temescal Valley Water District	Orange County WD	San Bernardino Valley MWD	San Gorgonio Pass WA	Western Municipal WD	Yucaipa Valley WD
Chino and Cucamonga Basins																													
Cucamonga [f]		Y			Y	1	High		X[k]									X[k]				X[k]						
Chino-North [f]	Y	Y		Y	Y	3	High		X													X	P					
Chino-East		P			Y	1	High		X[l]													X[l]	P					
Chino-South	Y	Y	Y		Y	2	High		X[l]							X						X[l]	P					
Elsinore and Temescal Valleys																													
Elsinore [f],[i]		Y			Y	0	High														X							
Upper Temescal Valley [j]	Y	Y	Y		Y	0	High													X	X							
Coldwater					Y	0	Low						X								X			X				
Temescal	Y	Y			Y	2	High						X															
Orange County																													
La Habra					Y	2 - 3	Low																					
Orange County	Y	Y	Y	Y	Y	0	High																	X				
Santiago					Y	2 - 3	Low																					
Irvine		Y			Y	1[e]	High/NA																	X				

Notes:

(a) - The designation of dischargers/agencies for resolving potential data gaps is a recommendation by the Task Force based the current understanding of recycled water discharge and use. This is not a guarantee that the designated agency will resolve potential/actual data gaps. In some GMZs, there are no designated agencies to address data gaps. Grey color block indicates the GMZ is low priority and no designated agency is necessary. Red color block indicates no logical agency identified as responsible to address potential data gaps - see also footnote (h).

(b) - The designations are:

Y - Yes, this activity applies to the GMZ

P - Future use of recycled water is permitted or planned to start within the next five years (i.e., from present to approximately 2028)

F - Future use of recycled water is permitted or planned in the GMZ, but is not anticipated to start within the next five years (i.e., approximately 2028 or after)

(c) - The designations are:

X - Based on recycled water use/permits and GMZ-specific SNMP efforts, agency is designated as responsible

P - Future use of recycled water is planned; currently, there is no recycled water use, but planning is underway and expected to start within the next five years (i.e., from present to approximately 2028)

F - Future use of recycled water is under consideration, but is not anticipated to start within the next five years (i.e., approximately 2028 or after).

(d) - High priority GMZs are those where recycled water is discharged to the SAR within the GMZ or is used for irrigation/recharge in the GMZ; or if there is potential for surface water-groundwater connectivity with SAR or SAR tributary with upstream RW discharge.

- Low priority GMZs have no recycled water use planned from present to approximately 2028 and do not need to address data gaps until the next five-year potential data gaps assessment in 2028.
- The addition of the not applicable (NA) designation indicates the GMZ has unresolvable data gaps; see (e) below.

(e) - Unresolvable data gap because area of data gap overlies tribal lands or in Department of Defense (DoD) property and the Santa Ana Water Board has no authority to request access or require agency to monitor for water quality.

(f) - GMZ has Maximum Benefit objectives and SNMP

(g) - The County of San Bernardino Special Districts operates two wastewater treatment plants in the Lytle GMZ, that are permitted to discharge to ponds in the Lytle GMZ and for recycled water use in the Bunker Hill-A GMZ. Water Board staff have indicated that additional time is needed to better understand the discharges to lined ponds in the Lytle GMZ, and confirm if recycled water use will occur in the future. For the time being, both GMZs will remain low priority to address potential data gaps.

(h) - Based on the criteria developed to prioritize GMZs and designate agencies to resolve potential data gaps, there is no logical discharger/agency to assign to Colton GMZ at this time. As discussed with Water Board staff, the designation will be deferred at this time and will be revisited after the Colton GMZ storage model is updated and the GMZ reassessed for data gaps in the new model.

(i) - Elsinore Valley MWD is preparing a monitoring program work plan for the Elsinore GMZ in compliance with the Maximum Benefit SNMP and is addressing any data gaps through that effort

(j) - Elsinore Valley MWD and Eastern MWD are responsible for the Upper Temescal Valley SNMP and have been assessing wells to be incorporated into the monitoring program on a continuous basis since 2018, as the need arises. Additionally, Elsinore Valley MWD has been working with the Bedford-Coldwater Sustainable Groundwater Agency (GSA) and the Elsinore Valley GSA to assess data gaps and monitor selected wells for water quality in all of the subbasins of the UTV GMZ. Elsinore Valley MWD and Eastern MWD will continue to implement the SNMP and work with the GSAs to ensure there is sufficient data to characterize the water quality for the GMZ.

(k) - The Basin Plan designates Chino Basin Watermaster and IEUA as responsible for Cucamonga GMZ as part of the Maximum Benefit SNMP. In May 2023, Cucamonga Valley WD has requested to be included as an agency responsible for addressing potential data gaps and other SNMP requirements in the Cucamonga GMZ.

(l) - Chino Basin Watermaster and IEUA are responsible for Chino South and Chino East because the Maximum Benefit SNMP management actions have the potential to impact these GMZs and they must be sufficiently monitored to demonstrate there are no impacts.