

Appendix 5-4

Santa Rosa Plain Subbasin Groundwater Quality Monitoring Network Evaluation

Santa Rosa Plain Subbasin Groundwater Quality Monitoring Network Evaluation

Technical Memorandum

July 13, 2026

INTRODUCTION

An evaluation of the Santa Rosa Plain Subbasin (Subbasin) groundwater quality monitoring network was undertaken as part of the Subbasin's first Periodic Evaluation. The purpose of the evaluation was to refine and simplify the arsenic, nitrate, and Total Dissolved Solids (TDS) representative monitoring networks (networks) as well as address the groundwater quality network recommended corrective action identified by the Department of Water Resources in their 2023 Groundwater Sustainability Plan determination letter for the Subbasin (DWR, 2023). The evaluation includes all representative monitoring points (RMPs) in the GSP networks and additional public supply wells available through the State Water Resources Control Board's Division of Drinking Water database. This evaluation informed the revised groundwater quality monitoring network for the Periodic Evaluation.

The approach to the evaluation includes three main steps:

- 1. GSP Monitoring Network Evaluation:** Review public drinking water supply wells sampled in the GSP groundwater quality monitoring networks and assess their annual sampling frequency for the 2021-2025 evaluation cycle;
- 2. Criteria Assignment:** Apply criteria to evaluate each well's suitability for monitoring based on recent sample data, well construction information, and location, then assign a criteria score to each well by network (arsenic, nitrate, or TDS network);
- 3. Geospatial Evaluation and Network Refinements:** Conduct geospatial analyses for each network and identify RMPs to remove, retain, or wells to add to the revised network based on the wells' criteria score.

The following sections describe each of these steps including the technical processes and results from the groundwater quality network evaluation.

Background and Purpose

During GSP development, RMPs were identified for the arsenic, nitrate, and TDS monitoring networks. Groundwater quality data collected from 2015 to 2019 was used to assess baseline groundwater quality

conditions. Data collected from 2021-2025 (current evaluation cycle) in the GSP networks have been used annually to determine if there are exceedances of the minimum threshold (MT) for each of the three constituents of concern (COC). Exceedance of MTs are based on the number of RMPs exceeding regulatory standards during the baseline assessment period.

Table 1 shows during the 2015-2019 baseline period there were 21 arsenic maximum contaminant level (MCL) exceedances, two nitrate MCL exceedances, and two TDS MCL exceedances. Therefore, according to the definition of a MT in the GSP, annual assessment relative to the MT would require at least four RMPs to be sampled for nitrate and TDS, and at least 23 RMPs for arsenic. Table 1 also summarizes the MTs for each COC and compares the number of RMPs sampled and the exceedances observed over the past five years.

Variations in annual sample frequency in the past five years compared to the total wells in the GSP networks (Table 1) indicate that many wells that were included in the baseline assessment may not be active and sampling may be discontinued at select supply wells—identifying a need for network refinement.

Table 1. Summary of Annually Reported Groundwater Quality Data (2021-2025) Compared to Baseline Conditions

Constituent of Concern	Minimum Threshold (Number of MCL Exceedances Allowed)	Well Sampled In											
		2015-2019		2021		2022		2023		2024		2025	
		Total Wells	Number of Wells Exceeding MCL	Total Wells	Number of Wells Exceeding MCL	Total Wells	Number of Wells Exceeding MCL	Total Wells	Number of Wells Exceeding MCL	Total Wells	Number of Wells Exceeding MCL	Total Wells	Number of Wells Exceeding MCL
Arsenic	23	104	21	65	20	52	12	51	14	34	12	41	11
Nitrate	4	122	2	127	1	106	3	82	1	61	0	81	1
TDS	4	92*	2	38	0	25	1	23	0	13	0	12	0

Note: *there was a typo in the GSP where 94 wells were identified versus 92 being the correct number.

1 GSP MONITORING NETWORKS' SAMPLE FREQUENCY EVALUATION

The networks were evaluated on a COC basis to identify annual sample data for each RMP. Tables 2 through 4 identify RMPs included in the GSP network and indicate which years (if any) the RMP was sampled from 2021 to 2025.

Table 2 shows that 13% of wells in the GSP arsenic network have not been sampled within the past five years, and 26% of the GSP network have been sampled each year during this evaluation cycle (2021-2025).

Table 3 shows that only 8% of wells in the GSP nitrate network have not been sampled since 2019, and 45% have been sampled each year of the evaluation cycle. Table 4 shows that TDS sampling has been highly inconsistent—17% of the RMPs in the TDS GSP network have not been sampled in the past five years, and none of the 92 RMPs have been sampled annually during the five-year evaluation cycle.

Table 2. GSP Network Wells Sampled for Arsenic During the Evaluation Cycle (2021 to 2025)

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900513_002_002	Yes	-	-	-	-	135-203
CA4900513_003_003	Yes	-	-	Yes	-	Missing
CA4900546_001_001	Yes	Yes	Yes	Yes	Yes	143-343
CA4900546_002_002	-	-	Yes	-	-	75-107
CA4900548_001_001	-	-	Yes	-	-	501-626
CA4900553_001_001	Yes	Yes	Yes	Yes	Yes	150-230
CA4900553_004_004	Yes	Yes	Yes	Yes	Yes	Missing
CA4900559_001_001	-	-	Yes	-	-	83-143
CA4900560_001_001	-	-	-	-	-	Missing
CA4900667_004_004	-	-	Yes	-	-	355-795
CA4900669_001_001	-	Yes	-	-	Yes	Missing
CA4900693_001_001	-	-	Yes	-	-	Missing
CA4900694_001_001	-	-	Yes	-	-	Missing
CA4900699_002_002	Yes	Yes	Yes	Yes	Yes	40-60
CA4900720_001_001	Yes	-	-	-	-	115-191
CA4900723_001_001	Yes	Yes	Yes	Yes	Yes	240-315
CA4900728_001_001	-	-	Yes	-	-	196-216
CA4900787_001_001	Yes	-	-	Yes	-	40-72
CA4900787_002_002	-	-	-	-	Yes	90-120
CA4900788_001_001	Yes	-	-	-	-	40-58
CA4900788_002_002	Yes	-	-	-	-	0-10
CA4900791_002_002	-	Yes	Yes	-	-	0-10
CA4900791_006_006	Yes	Yes	Yes	Yes	Yes	Missing
CA4900792_001_001	Yes	-	-	-	-	45-45
CA4900792_002_002	Yes	-	-	-	-	0-10
CA4900794_002_002	-	-	Yes	-	-	0-10



Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900795_001_001	Yes	Yes	Yes	Yes	Yes	44-250
CA4900796_001_001	Yes	Yes	Yes	Yes	Yes	0-10
CA4900796_003_003	Yes	Yes	Yes	Yes	Yes	90-130
CA4900797_001_001	-	-	Yes	-	-	Missing
CA4900798_001_001	-	-	-	-	-	Missing
CA4900798_002_002	-	Yes	-	-	Yes	100-180
CA4900799_002_002	-	Yes	-	-	-	0-10
CA4900799_003_003	-	Yes	Yes	Yes	Yes	146-226
CA4900812_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900817_002_002	-	-	Yes	-	-	70-100
CA4900832_002_002	-	Yes	-	-	Yes	80-226
CA4900832_006_006	-	Yes	-	-	Yes	65-205
CA4900878_008_008	Yes	Yes	Yes	Yes	Yes	Missing
CA4900897_003_003	Yes	Yes	Yes	Yes	Yes	70-220
CA4900897_004_004	Yes	Yes	Yes	Yes	Yes	70-140
CA4900904_001_001	Yes	Yes	Yes	Yes	Yes	98-258
CA4900907_001_001	Yes	Yes	Yes	Yes	Yes	0-14
CA4900913_001_001	-	-	-	-	-	Missing
CA4900949_001_001	-	-	-	-	-	Missing
CA4901156_001_001	Yes	-	-	Yes	-	507-547
CA4901212_001_001	Yes	Yes	-	-	Yes	Missing
CA4901232_001_001	Yes	Yes	Yes	Yes	Yes	100-560
CA4901244_002_002	-	-	Yes	-	-	Missing
CA4901250_002_002	-	-	-	-	-	Missing
CA4901336_001_001	-	-	-	-	-	Missing
CA4901346_001_001	-	-	-	-	-	Missing
CA4901346_002_002	-	-	Yes	-	-	Missing
CA4901362_001_001	-	-	-	-	-	Missing
CA4901370_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901370_002_002	Yes	Yes	Yes	Yes	Yes	Missing
CA4901431_001_001	Yes	Yes	Yes	Yes	Yes	64-304

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4901445_001_001	-	Yes	-	-	Yes	Missing
CA4901445_002_002	-	Yes	-	-	Yes	Missing
CA4901451_001_001	-	-	-	-	-	300-310
CA4910009_007_007	Yes	-	-	Yes	-	0-720
CA4910009_008_008	Yes	-	-	Yes	-	0-617
CA4910011_002_002			Yes	-	-	237-468
CA4910011_004_004	Yes	Yes	-	-	Yes	172-552
CA4910011_005_005	Yes	Yes	Yes	Yes	Yes	270-560
CA4910011_015_015	-	-	Yes	-	-	Missing
CA4910014_001_001	Yes	-	-	-	-	0-193
CA4910014_002_002	Yes	-	-	-	-	0-98
CA4910014_004_004	-	Yes	-	-	-	0-140
CA4910014_005_005	Yes	Yes	Yes	Yes	Yes	0-136
CA4910014_006_006	-	Yes	-	Yes	-	0-98
CA4910014_008_008	-	-	-	-	-	Missing
CA4910014_009_009	-	-	Yes	-	-	0-50
CA4910014_010_010	-	Yes	-	-	-	0-90
CA4910014_011_011	-	-	Yes	-	-	0-150
CA4910014_012_012	-	-	-	-	-	Missing
CA4910014_013_013	Yes	-	-	-	-	0-360
CA4910014_014_014	-	-	Yes	-	-	0-105
CA4910014_015_015	-	-	-	-	-	Missing
CA4910014_016_016	Yes	Yes	Yes	Yes	Yes	0-535
CA4910014_018_018	-	-	Yes	-	-	0-107
CA4910014_021_021	-	Yes	-	-	-	0-105
CA4910014_022_022	Yes	Yes	-	-	Yes	0-65
CA4910014_027_027	-	Yes	-	-	-	0-80
CA4910014_030_030	Yes	-	-	-	-	0-260
CA4910014_031_031	Yes	-	-	-	-	0-360
CA4910014_033_033	-	Yes	-	-	-	0-280
CA4910014_035_035	-	Yes	-	-	-	0-330



Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4910014_039_039	Yes	-	-	-	-	0-160
CA4910014_040_040	Yes	-	-	-	-	0-160
CA4910014_044_044	-	-	Yes	-	-	0-100
CA4910016_002_002	-	-	Yes	-	-	220-295
CA4910016_004_004	-	Yes	-	-	Yes	290-450
CA4910020_006_006	Yes	Yes	-	-	-	Missing
CA4910022_001_001	-	Yes	-	-	Yes	0-25
CA4910022_004_004	-	Yes	-	-	Yes	240-430
CA4910023_004_004	Yes	Yes	Yes	Yes	Yes	0-98
CA4910023_005_005	Yes	Yes	Yes	Yes	Yes	0-72
CA4910023_006_006	Yes	Yes	Yes	Yes	Yes	0-142
CA4910023_007_007	Yes	Yes	Yes	Yes	Yes	Missing
CA4910023_010_010	Yes	Yes	Yes	Yes	Yes	Missing
CA4910027_002_002	-	-	-	-	-	0-141
CA4910027_003_003	-	-	Yes	-	-	100-260
CA4910027_006_006	-	-	Yes	-	-	Missing

Table 3. GSP Network Wells Sampled for Nitrate During the Evaluation Cycle (2021 to 2025)

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900033_001_001	Yes	Yes	Yes	-	Yes	67-127
CA4900513_003_003	Yes	Yes	Yes	Yes	Yes	Missing
CA4900546_001_001	Yes	Yes	Yes	Yes	Yes	143-343
CA4900546_002_002	-	-	Yes	-	-	75-107
CA4900548_001_001	Yes	Yes	Yes	Yes	Yes	501-626
CA4900553_001_001	Yes	Yes	-	-	Yes	150-230
CA4900553_004_004	Yes	Yes	Yes	-	Yes	Missing
CA4900559_001_001	Yes	Yes	Yes	Yes	Yes	83-143
CA4900559_002_002	Yes	Yes	Yes	Yes	Yes	80-90
CA4900560_001_001	-	-	-	-	-	Missing
CA4900561_002_002	Yes	Yes	-	-	-	515-615
CA4900561_003_003	Yes	Yes	-	-	-	452-552
CA4900667_004_004	Yes	Yes	Yes	Yes	Yes	355-795
CA4900669_001_001	Yes	Yes	-	-	-	Missing
CA4900675_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900675_003_003	Yes	Yes	Yes	Yes	Yes	Missing
CA4900693_001_001	Yes	Yes	Yes	-	-	Missing
CA4900694_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900699_002_002	Yes	-	Yes	Yes	Yes	40-60
CA4900720_001_001	Yes	Yes	Yes	Yes	Yes	115-191
CA4900723_001_001	Yes	Yes	-	-	Yes	240-315
CA4900728_001_001	Yes	Yes	Yes	Yes	Yes	196-216
CA4900774_002_002	-	-	Yes	-	-	200-360
CA4900787_001_001	Yes	Yes	Yes	Yes	Yes	40-72
CA4900787_002_002	-	-	Yes	-	-	90-120
CA4900788_001_001	Yes	Yes	-	-	-	40-58
CA4900788_002_002	Yes	Yes	-	-	-	0-10
CA4900791_002_002	Yes	Yes	-	-	Yes	0-10
CA4900791_006_006	Yes	Yes	Yes	Yes	Yes	Missing



Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900792_001_001	Yes	Yes	Yes	-	-	45-45
CA4900792_002_002	Yes	Yes	Yes	-	-	0-10
CA4900794_002_002	Yes	Yes	Yes	Yes	Yes	0-10
CA4900795_001_001	Yes	Yes	Yes	Yes	Yes	44-250
CA4900796_001_001	Yes	Yes	Yes	Yes	Yes	0-10
CA4900796_003_003	Yes	Yes	Yes	Yes	Yes	90-130
CA4900797_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900798_001_001	Yes	Yes	-	-	-	Missing
CA4900798_002_002	Yes	Yes	Yes	Yes	Yes	100-180
CA4900799_002_002	Yes	Yes	Yes	Yes	Yes	0-10
CA4900799_003_003	Yes	Yes	Yes	Yes	Yes	146-226
CA4900817_002_002	Yes	Yes	Yes	Yes	Yes	70-100
CA4900832_001_001	-	-	-	-	-	116-216
CA4900832_002_002	Yes	Yes	Yes	Yes	Yes	80-226
CA4900832_006_006	Yes	Yes	Yes	-	Yes	65-205
CA4900853_003_003	Yes	Yes	-	-	-	Missing
CA4900878_008_008	Yes	Yes	Yes	Yes	Yes	Missing
CA4900897_003_003	Yes	Yes	Yes	Yes	Yes	70-220
CA4900897_004_004	Yes	Yes	Yes	Yes	Yes	70-140
CA4900904_001_001	Yes	Yes	Yes	-	Yes	98-258
CA4900907_001_001	Yes	Yes	-	-	Yes	0-14
CA4900913_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900934_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4900949_001_001	-	Yes	-	-	-	Missing
CA4901008_001_001	Yes		Yes	Yes	Yes	Missing
CA4901063_001_001	Yes	Yes	Yes	Yes	Yes	80-140
CA4901073_001_001	-	-	-	-	-	Missing
CA4901093_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901156_001_001	Yes	Yes	Yes	Yes	Yes	507-547
CA4901165_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901175_001_001	Yes	Yes	Yes	Yes	Yes	Missing

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4901212_001_001	Yes	Yes	-	-	Yes	Missing
CA4901232_001_001	Yes	Yes	Yes	Yes	Yes	100-560
CA4901244_002_002	Yes	Yes	-	-	-	Missing
CA4901250_002_002	-	-	-	-	-	Missing
CA4901269_001_001	Yes	Yes	Yes	Yes	Yes	0-38
CA4901312_001_001	Yes	Yes	Yes	Yes	Yes	190-290
CA4901321_001_001	Yes	Yes	Yes	Yes	Yes	50-50
CA4901324_001_001	Yes	Yes	Yes	Yes	Yes	51-80
CA4901336_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901346_001_001	-	-	-	-	-	Missing
CA4901346_002_002	Yes	Yes	Yes	Yes	Yes	Missing
CA4901365_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901370_001_001	Yes	Yes	Yes	-	Yes	Missing
CA4901370_002_002	Yes	Yes	Yes	-	Yes	Missing
CA4901387_001_001	-	-	-	-	-	Missing
CA4901394_001_001	Yes	Yes	-	-	-	Missing
CA4901398_001_001	Yes	Yes	Yes	-	Yes	199-379
CA4901407_001_001	Yes	Yes	Yes	Yes	Yes	Missing
CA4901431_001_001	Yes	Yes	Yes	Yes	Yes	64-304
CA4901445_001_001	Yes	Yes	Yes	-	Yes	Missing
CA4901445_002_002	Yes	Yes	Yes	-	Yes	Missing
CA4910009_007_007	Yes	Yes	-	-	-	0-720
CA4910009_008_008	Yes	Yes	-	-	-	0-617
CA4910011_002_002	Yes	Yes	Yes	Yes	Yes	237-468
CA4910011_004_004	Yes	Yes	-	-	Yes	172-552
CA4910011_005_005	Yes	Yes	Yes	Yes	Yes	270-560
CA4910011_015_015	Yes	Yes	Yes	Yes	Yes	Missing
CA4910014_001_001	Yes	Yes	-	-	-	0-193
CA4910014_002_002	Yes	Yes	Yes	-	Yes	0-98
CA4910014_004_004	Yes	Yes		-		0-140
CA4910014_005_005	Yes	Yes	Yes	-	Yes	0-136

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4910014_006_006	Yes	Yes	-	-	Yes	0-98
CA4910014_007_007	-	-	-	-	-	Missing
CA4910014_008_008	-	-	-	-	-	Missing
CA4910014_009_009	Yes	Yes	-	-	-	0-50
CA4910014_010_010		Yes	-	-	-	0-90
CA4910014_011_011	Yes	Yes	Yes	Yes	Yes	0-150
CA4910014_012_012	-	-	-	-	-	Missing
CA4910014_013_013	Yes	Yes	-	-	Yes	0-360
CA4910014_014_014	Yes	Yes	Yes	Yes	Yes	0-105
CA4910014_015_015	-	-	-	-	-	Missing
CA4910014_016_016	Yes	Yes	Yes	Yes	Yes	0-535
CA4910014_018_018	-	-	Yes	-	-	0-107
CA4910014_021_021	Yes	Yes	-	-	-	0-105
CA4910014_022_022	Yes	Yes	-	-	-	0-65
CA4910014_027_027	Yes	Yes	Yes	-	-	0-80
CA4910014_030_030	Yes	Yes	Yes	-	Yes	0-260
CA4910014_031_031	Yes	-	-	-	-	0-360
CA4910014_033_033	Yes	Yes	-	-	-	0-280
CA4910014_035_035	Yes	Yes	-	-	-	0-330
CA4910014_039_039	Yes	Yes	Yes	-	Yes	0-160
CA4910014_040_040	Yes	Yes	Yes	Yes	-	0-160
CA4910014_044_044	Yes	Yes	Yes	Yes	Yes	0-100
CA4910016_002_002	Yes	Yes	Yes	Yes	-	220-295
CA4910017_020_020	Yes	Yes	Yes	Yes	Yes	55-75
CA4910022_001_001	Yes	Yes	Yes	Yes	Yes	0-25
CA4910022_004_004	Yes	Yes	Yes	Yes	Yes	240-430
CA4910023_004_004	Yes	Yes	Yes	Yes	Yes	0-98
CA4910023_005_005	Yes	Yes	Yes	Yes	Yes	0-72
CA4910027_002_002	Yes	Yes	-	Yes	Yes	0-141
CA4910027_003_003	Yes	Yes	Yes	Yes	Yes	100-260
CA4910027_006_006	Yes	Yes	Yes	-	Yes	Missing

Table 4. GSP Network Wells Sampled for TDS During the Evaluation Cycle (2021 to 2025)

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900513_003_003	Yes	-	-	Yes	-	Missing
CA4900546_001_001	-	-	-	-	-	143-343
CA4900546_002_002	-	-	-	-	-	75-107
CA4900548_001_001	-	-	Yes	-	-	501-626
CA4900548_004_004	-	Yes	-	-	Yes	Missing
CA4900553_001_001	-	-	-	-	-	150-230
CA4900553_004_004	-	-	Yes	-	-	Missing
CA4900559_001_001	-	-	Yes	-	-	83-143
CA4900559_002_002	-	-	Yes	-	-	80-90
CA4900560_001_001	-	-	-	-	-	Missing
CA4900561_002_002	Yes	-	-	-	-	515-615
CA4900561_003_003	-	-	-	-	-	452-552
CA4900667_004_004	-	-	Yes	-	-	355-795
CA4900669_001_001	-	Yes	-	-	-	Missing
CA4900675_001_001	Yes	-	-	Yes	-	Missing
CA4900675_003_003	Yes	-	-	Yes	-	Missing
CA4900693_001_001	-	Yes	-	-	-	Missing
CA4900694_001_001	-	-	Yes	-	-	Missing
CA4900720_001_001	Yes	-	-	-	-	115-191
CA4900723_001_001	-	-	-	-	-	240-315
CA4900728_001_001	-	-	Yes	-	-	196-216
CA4900787_001_001	Yes	-	-	Yes	-	40-72
CA4900787_002_002	-	-	-	-	Yes	90-120
CA4900788_001_001	Yes	-	-	-	-	40-58
CA4900788_002_002	Yes	-	-	-	-	0-10
CA4900791_002_002	-	-	Yes	-	-	0-10
CA4900791_006_006	-	-	Yes	-	-	Missing
CA4900792_001_001	Yes	-	-	-	-	45-45
CA4900792_002_002	Yes	-	-	-	-	0-10



Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4900794_002_002	-	-	Yes	-	-	0-10
CA4900795_001_001	Yes	-	-	Yes	-	44-250
CA4900796_001_001	Yes	-	-	Yes	-	0-10
CA4900796_003_003	Yes	-	-	Yes	-	90-130
CA4900797_001_001	-	-	Yes	-	-	Missing
CA4900798_001_001	-	-	-	-	-	Missing
CA4900798_002_002	-	Yes	-	-	Yes	100-180
CA4900799_002_002	-	Yes	-	-	-	0-10
CA4900799_003_003	-	Yes	-	-	-	146-226
CA4900832_001_001	-	-	-	-	-	116-216
CA4900832_002_002	-	Yes	-	-	Yes	80-226
CA4900832_006_006	-	Yes	-	-	Yes	65-205
CA4900878_008_008	-	-	-	-	-	Missing
CA4900913_001_001	-	-	-	-	-	Missing
CA4901346_001_001	-	-	-	-	-	Missing
CA4901346_002_002	-	-	Yes	-	-	Missing
CA4901362_001_001	-	-	-	-	-	Missing
CA4901445_001_001	-	Yes	-	-	Yes	Missing
CA4901445_002_002	-	Yes	-	-	Yes	Missing
CA4910009_007_007	Yes	Yes	-	-	-	0-720
CA4910009_008_008	Yes	Yes	-	-	-	0-617
CA4910011_002_002	-	-	Yes	-	-	237-468
CA4910011_004_004	Yes	-	-	-	-	172-552
CA4910011_005_005	Yes	-	-	Yes	-	270-560
CA4910011_015_015	-	-	Yes	-	-	Missing
CA4910014_001_001	Yes	-	-	-	-	0-193
CA4910014_002_002	Yes	-	-	-	-	0-98
CA4910014_004_004	-	Yes	-	-	Yes	0-140
CA4910014_005_005	Yes	-	-	-	-	0-136
CA4910014_006_006	-	Yes	-	-	Yes	0-98
CA4910014_008_008	-	-	-	-	-	Missing



Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4910014_009_009	-	-	Yes	-	-	0-50
CA4910014_010_010	-	Yes		-	-	0-90
CA4910014_011_011	-	-	Yes	-	-	0-150
CA4910014_012_012	-	-		-	-	Missing
CA4910014_013_013	Yes	-		-	-	0-360
CA4910014_014_014	-	-	Yes	-	-	0-105
CA4910014_015_015	-	-		-	-	Missing
CA4910014_016_016	-	-	Yes	-	-	0-535
CA4910014_018_018	-	-	Yes	-	-	0-107
CA4910014_021_021	-	Yes		-	-	0-105
CA4910014_022_022	Yes	-		-	-	0-65
CA4910014_027_027	-	-	Yes	-	-	0-80
CA4910014_030_030	Yes	-	-	-	-	0-260
CA4910014_031_031	Yes	-	-	-	-	0-360
CA4910014_033_033	-	Yes	-	-	-	0-280
CA4910014_035_035	-	Yes	-	-	-	0-330
CA4910014_039_039	Yes	-	-	-	-	0-160
CA4910014_040_040	Yes	-	-	-	-	0-160
CA4910014_044_044	Yes	-	-	Yes	-	0-100
CA4910016_002_002	-	-	Yes	-	-	220-295
CA4910016_004_004	-	Yes	-	-	Yes	290-450
CA4910020_006_006	Yes	Yes	-	-	-	Missing
CA4910020_019_019	Yes	Yes	-	-	-	Missing
CA4910022_001_001	-	Yes	-	-	Yes	0-25
CA4910022_004_004	-	Yes	-	-	Yes	240-430
CA4910023_004_004	Yes	-	-	Yes	-	0-98
CA4910023_005_005	Yes	-	-	Yes	-	0-72
CA4910023_006_006	Yes	-	-	Yes	-	0-142
CA4910023_007_007	Yes	-	-	Yes	-	Missing
CA4910027_002_002	-	-	-	-	-	0-141
CA4910027_003_003	-	-	Yes	-	-	100-260

Representative Monitoring Point Well ID	Well Sampled In					Screen Interval (feet bgs)
	2021	2022	2023	2024	2025	
CA4910027_006_006	-	-	Yes	-	-	Missing

2 CRITERIA ASSIGNMENT

Monitoring network evaluation criteria were developed as a systematic approach to refine the networks. Each RMP in the existing arsenic, nitrate, and TDS networks was assessed based on recent groundwater quality data availability (2021–2025), sampling consistency, availability of screen interval information, and location. The wells were evaluated independently for each COC and assigned a score from 1 to 7, with higher scores indicating greater suitability for assessing groundwater quality. The resulting criteria scores were used to guide network refinement by identifying RMPs for removal due to lack of recent sampling (score of 1), wells requiring further spatial evaluation to avoid creating data gaps (scores of 2, 3, or 4), and wells to retain in the respective networks due to consistent recent sampling (scores of 5, 6, or 7).

Table 5 summarizes the groundwater quality network criteria applied to each RMP and COC network. For each criteria score, it includes the criteria definition and corresponding preliminary decision guiding network refinement.

Table 5. Groundwater Quality Network Evaluation Criteria

Criteria Score	Criteria Definition	Preliminary Decision to Keep, Remove, or Further Evaluate the RMP (For Each Constituent)
1	Well not sampled in the past 5 years (2021-2025)	Remove
2	Well has missing perforation data & has at least 1 sample taken in the past 5 years (2021-2025)	Remove if there is a higher ranked RMP within 0.5 miles, if not keep RMP (to not create data gap)
3	Well has perforation data & has at least 1 sample taken in the past 5 years (2021-2025)	Remove if there is a higher ranked RMP within 0.5 miles, if not keep RMP (to not create data gap)
4	Well has missing perforation data & has at least 3 samples taken in the past 3 years (2023-2025)	Remove if there is a higher ranked RMP within 0.5 miles, if not keep well (to not create data gap)
5	Well has perforation data & has at least 3 samples taken in the past 3 years (2023-2025)	Keep
6	Well has missing perforation data & samples from 2021-2025	Keep
7	Well has samples from 2021-2025 & has perforation data (ideal)	Keep

After scoring each well using the evaluation criteria, additional public supply wells not included in the existing networks were reviewed for potential inclusion into the network. To be considered, a well needed to have at least one sample for any of the three COCs in each year from 2021 to 2025. To be added to a network, the potential well must be at least 0.5 miles away from any existing well(s) in the revised network. After reviewing groundwater quality data for additional public supply wells in the State Water Resources Control Board's GAMA database, at least one well was identified for potential addition to each COC network. Figures 1 through 3 in the following subsection map the location of these wells. Tables in Section 3 identify the public supply wells selected to be added to each network that met both the annual sampling frequency and spatial criteria.

The following subsections describe the distribution of the assigned criteria scores for existing RMPs in the arsenic, nitrate, and TDS networks.

2.1 Arsenic Monitoring Network Criteria Evaluation

Figure 1 shows the spatial distribution of criteria scores for the 104 public supply well RMPs in the existing arsenic network. The RMPs are symbolized by their criteria score defined above (**Table 5**). The criteria evaluation for the arsenic monitoring network indicate that 12% of the wells have not been sampled from 2021 to 2025 (score of 1), 60% have at least one sample taken in the past five years (score of 2 or 3), and 26% of the supply wells have been monitored annually for arsenic over the past five years (score of 6 or 7). One well, CA4900799_003_003, had at least one sample collected in each of the past three years (2023–2025) and has well screen information (score of 5). Figure 1 also shows the locations of three additional public supply wells that met the annual sample frequency criteria of at least one sample per year from 2021 to 2025 and were considered for inclusion in the revised arsenic monitoring network. Additional details on the wells included in the revised network are provided in Section 3 below.

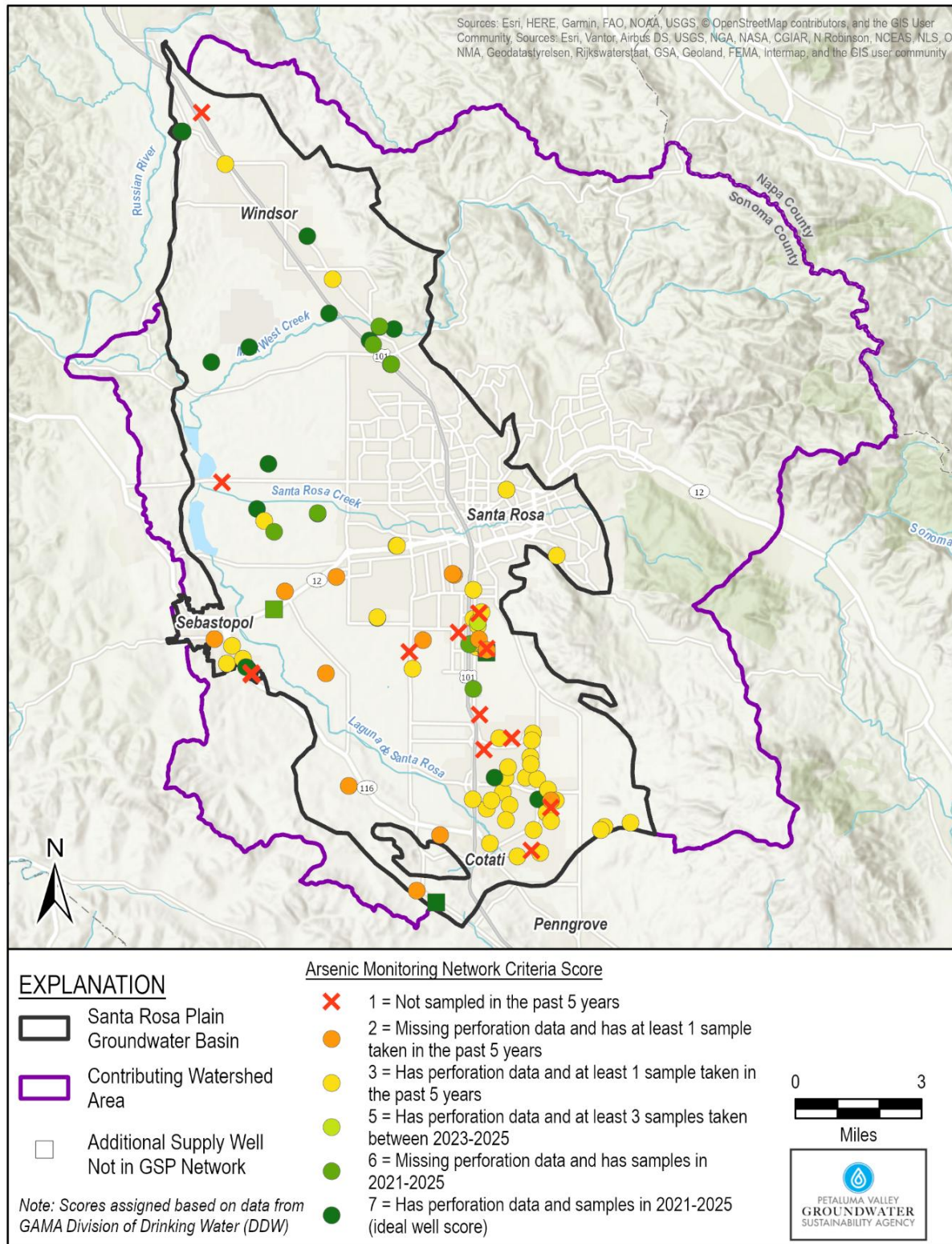


Figure 1. Arsenic Monitoring Network Criteria Scores Across the Santa Rosa Plain Subbasin

2.2 Nitrate Monitoring Network Criteria Evaluation

Figure 2 shows the spatial distribution of criteria scores for the 122 public supply well RMPs in the existing nitrate network. The RMPs are symbolized by their criteria score defined above (**Table 5**). The criteria evaluation for the nitrate monitoring network indicate that 8% of the wells have not been sampled from 2021 to 2025 (score of 1), 44% have at least one sample taken in the past five years (score of 2 or 3), 2% have been sampled in the past three years (score of 4 or 5), and 46% of the supply wells have been monitored for nitrate in the past five years (scores of 6 or 7). Figure 2 also shows the locations of 15 additional public supply wells that met the annual sample frequency criteria of at least one sample per year from 2021 to 2025 and were considered for inclusion in the revised nitrate monitoring network. Additional details on the wells included in the revised network are provided in Section 3 below.

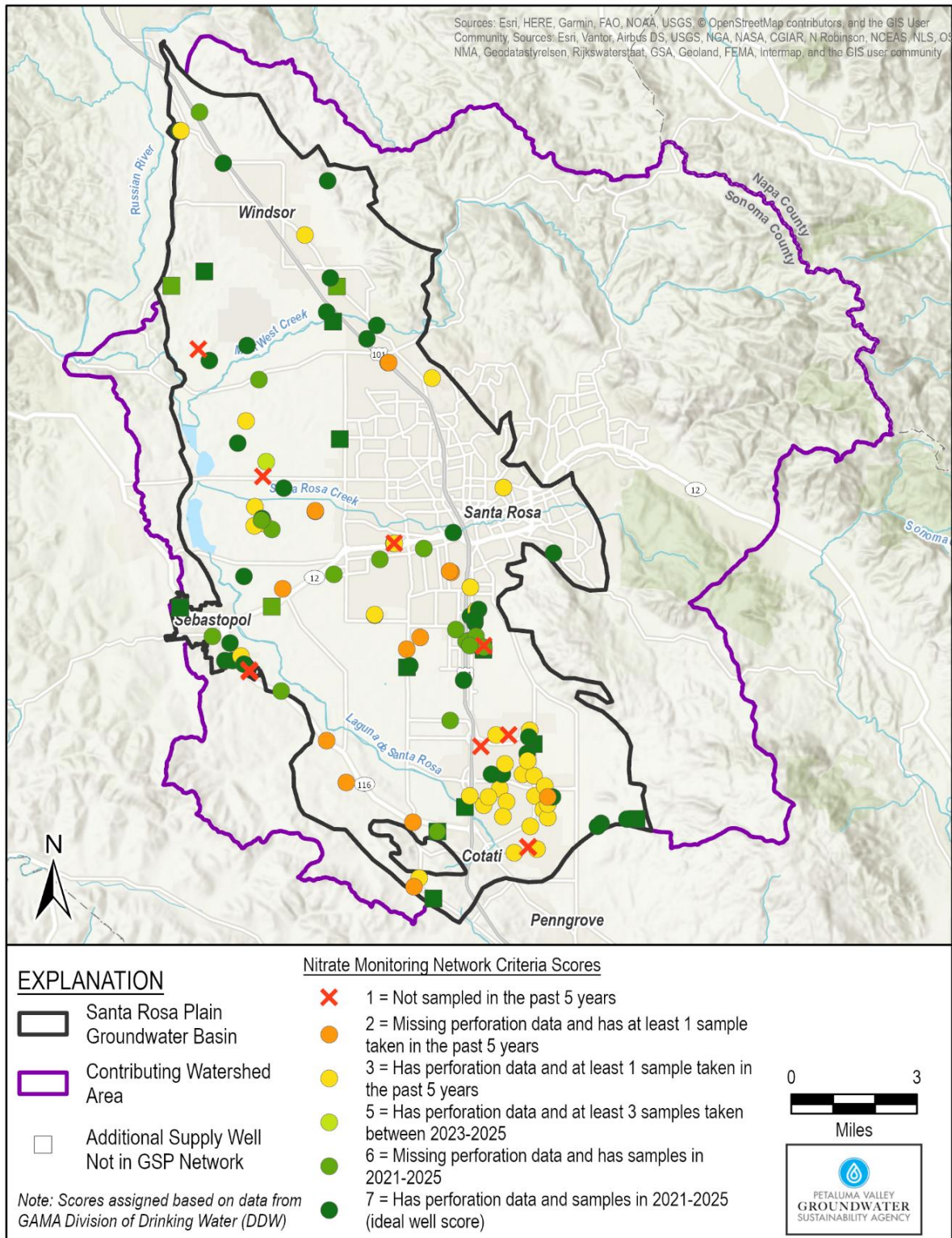


Figure 2. Nitrate Monitoring Network Criteria Scores Across the Santa Rosa Plain Subbasin

2.3 Total Dissolved Solids Monitoring Network Evaluation Results

Figure 3 shows the spatial distribution of criteria scores for the 92 public supply well RMPs in the existing TDS network. The RMPs are symbolized by their criteria scores defined above (**Table 5**). The criteria evaluation for the TDS monitoring network indicates 17% of the wells have not been sampled from 2021 to 2025 (score of 1) and 83% have at least one sample taken in the past five years (score of 2 or 3). Figure 3 also shows the location of the one additional public supply well that met the annual sample frequency criteria of at least one sample per year from 2021 to 2025 and were considered for inclusion in the revised TDS monitoring network. Additional details on the wells included in the revised network are provided in Section 3 below.

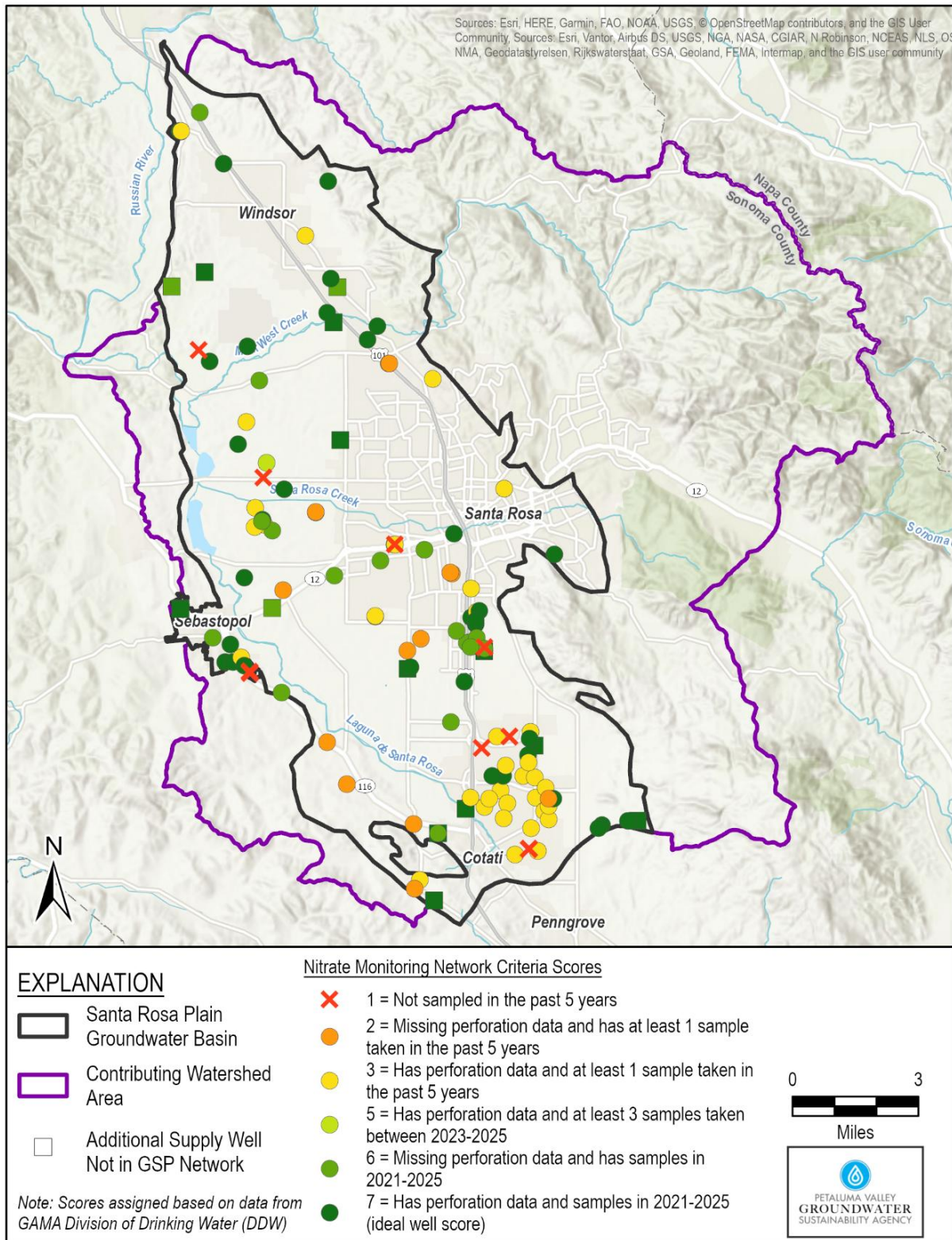


Figure 3. TDS Monitoring Network Criteria Scores Across the Santa Rosa Plain Subbasin

3 GEOSPATIAL EVALUATION AND NETWORK REFINEMENTS

The criteria score results were spatially assessed against each RMP in the networks using ArcGIS. As described above, RMPs that have not been sampled in the past five years are unsuitable for assessing future groundwater quality conditions in the Subbasin. Therefore, RMPs with scores of 1 were removed from the networks. RMPs with scores of 5, 6, or 7 were retained in the network due to consistent recent annual sampling. Wells with scores of 2 through 4 were assessed spatially and compared to surrounding public supply RMPs' criteria scores, using a 0.5 mile radius. The spatial assessment resulted in one of the following decisions for network refinement:

1. Remove the RMP from the network if it is within 0.5 miles of a higher ranked well that would replace it, or;
2. Retain the RMP in the network if it is more than 0.5 miles away from a higher ranked well, to ensure adequate spatial coverage.

After the GSP networks were refined, additional public supply wells identified as having annual samples in 2021 through 2025 for a given COC were spatially assessed and compared to the refined GSP networks. If the public supply well is located more than 0.5 miles away from an existing RMP in the revised network, the well was added as a new RMP to the network to fill spatial data gaps. However, if the public supply well is located within 0.5 of an existing RMP in the revised network, the well was not added as an RMP.

The following subsections summarize the geospatial evaluation for the arsenic, nitrate, and TDS networks, respectively.

3.1 Arsenic Monitoring Network Evaluation Results

Of the 104 RMPs in the arsenic network, 34 wells were removed. A total of 70 RMPs of the initial 104 were kept in the arsenic RMP network. Of the three additional public supply wells that were sampled for arsenic each year in the past five years, two were added as new RMPs to the arsenic monitoring network (CA4900512_001_001 and CA4910020_020_020). Table 6 summarizes the criteria score for each GSP RMP, the criteria evaluation decision, and the rationale supporting the decision to keep or remove the RMP following the spatial analysis for all RMPs in the arsenic network. The table also summarizes the decision and rationale to add or not add additional public supply wells as arsenic RMPs. Figure 4 shows the location of each RMP and identifies if the well was removed or retained from the GSP network or added as a new RMP after the geospatial analysis. Table 7 provides information on the associated water system, well construction, recent annual sample frequency, and coordinates for the 72 RMPs in the revised arsenic monitoring network.

Table 6. Arsenic Network Criteria Scores and Geospatial Evaluation Results

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900513_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900513_003_003	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900546_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900546_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900548_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900553_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900553_004_004	GSP RMP	6	Keep	Keep because Score > 4
CA4900559_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900560_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900667_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900669_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900693_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900694_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900699_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900720_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900723_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900728_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900787_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900787_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900788_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900788_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900791_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900791_006_006	GSP RMP	6	Keep	Keep because Score > 4
CA4900792_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900792_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900794_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900795_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900796_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900796_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4900797_001_001	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900798_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900798_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900799_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900799_003_003	GSP RMP	5	Keep	Keep because Score > 4
CA4900812_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900817_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900832_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900832_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900878_008_008	GSP RMP	6	Keep	Keep because Score > 4
CA4900897_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4900897_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4900904_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900907_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900913_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900949_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901156_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4901212_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901232_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901244_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901250_002_002	GSP RMP	1	Remove	Remove because Score = 1
CA4901336_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901346_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901346_002_002	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4901362_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901370_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901370_002_002	GSP RMP	6	Keep	Keep because Score > 4
CA4901431_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901445_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901445_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901451_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4910009_007_007	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910009_008_008	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_004_004	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910011_005_005	GSP RMP	7	Keep	Keep because Score > 4
CA4910011_015_015	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_005_005	GSP RMP	7	Keep	Keep because Score > 4

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910014_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_008_008	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_009_009	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_010_010	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_011_011	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_012_012	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_013_013	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_014_014	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_015_015	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_016_016	GSP RMP	7	Keep	Keep because Score > 4
CA4910014_018_018	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_021_021	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_022_022	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_027_027	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_030_030	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_031_031	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_033_033	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_035_035	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_039_039	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_040_040	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_044_044	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well



Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910016_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910016_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910020_006_006	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910022_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910022_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910023_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4910023_005_005	GSP RMP	7	Keep	Keep because Score > 4
CA4910023_006_006	GSP RMP	7	Keep	Keep because Score > 4
CA4910023_007_007	GSP RMP	6	Keep	Keep because Score > 4
CA4910023_010_010	GSP RMP	6	Keep	Keep because Score > 4
CA4910027_002_002	GSP RMP	1	Remove	Remove because Score = 1
CA4910027_003_003	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910027_006_006	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900512_001_001	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4900796_002_002	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4910020_020_020	Additional Well	6	Add	Add because more than 0.5 miles from a revised monitoring network well

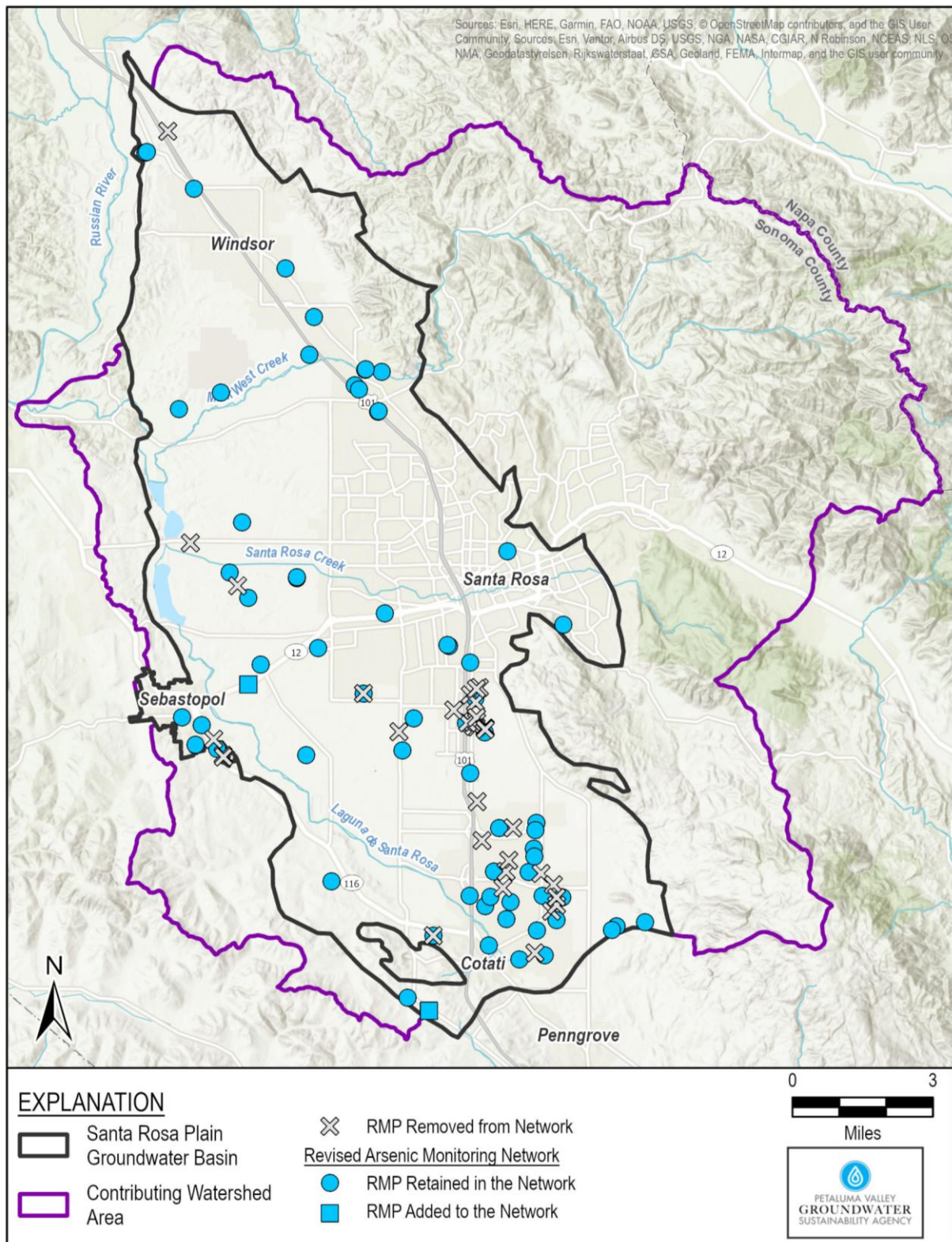


Figure 4. Location of Retained, Removed, and Added Wells in the Arsenic Monitoring Network

Table 7. Summary of Santa Rosa Plain Subbasin Public Supply Wells in Revised Arsenic Monitoring Network

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900693_001_001	Missing	Bellevue Union School District-Bellevue School	2023	38.398044	-122.73623
CA4910023_004_004	0-98	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.505869	-122.75645
CA4910023_005_005	0-72	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.501167	-122.760515
CA4910023_006_006	0-142	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.50527	-122.750083
CA4910023_007_007	Missing	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.49976	-122.758929
CA4910023_010_010	Missing	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.506049	-122.756388
CA4910022_001_001	0-25	Canon Manor Water System	2022, 2025	38.334167	-122.655972
CA4910022_004_004	240-430	Canon Manor Water System	2022, 2025	38.333026	-122.657644
CA4910016_002_002	220-295	City of Cotati	2023	38.32374	-122.694053
CA4910016_004_004	290-450	City of Cotati	2022, 2025	38.328025	-122.706017
CA4910014_002_002	0-98	City of Rohnert Park	2021	38.340072	-122.707655
CA4910014_004_004	0-140	City of Rohnert Park	2022	38.342972	-122.705532
CA4910014_005_005	0-136	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.34342	-122.685106
CA4910014_006_006	0-98	City of Rohnert Park	2022, 2024	38.343262	-122.713691
CA4910014_009_009	0-50	City of Rohnert Park	2023	38.341452	-122.697698
CA4910014_010_010	0-90	City of Rohnert Park	2022	38.350866	-122.690695
CA4910014_013_013	0-360	City of Rohnert Park	2021	38.336197	-122.699259
CA4910014_014_014	0-105	City of Rohnert Park	2023	38.358061	-122.68863
CA4910014_016_016	0-535	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.350817	-122.704299
CA4910014_018_018	0-107	City of Rohnert Park	2023	38.364365	-122.702293
CA4910014_027_027	0-80	City of Rohnert Park	2022	38.355558	-122.688419
CA4910014_031_031	0-360	City of Rohnert Park	2021	38.366027	-122.687648
CA4910014_033_033	0-280	City of Rohnert Park	2022	38.332804	-122.687101
CA4910014_035_035	0-330	City of Rohnert Park	2022	38.325013	-122.684068
CA4910014_040_040	0-160	City of Rohnert Park	2021	38.335912	-122.679501



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4910014_044_044	0-100	City of Rohnert Park	2023	38.363872	-122.688031
CA4910009_007_007	0-720	City of Santa Rosa	2021, 2024	38.45	-122.7
CA4910009_008_008	0-617	City of Santa Rosa	2021, 2024	38.45	-122.7
CA4910011_002_002	237-468	City of Sebastopol	2023	38.395411	-122.819659
CA4910011_005_005	270-560	City of Sebastopol	2021, 2022, 2023, 2024, 2025	38.388127	-122.81345
CA4910011_015_015	Missing	City of Sebastopol	2023	38.397825	-122.827421
CA4900667_004_004	355-795	College Park Mutual Water Company	2023	38.335553	-122.644636
CA4900799_003_003	146-226	El Portal Mobile Estates	2022, 2023, 2024, 2025	38.40447	-122.712161
CA4900728_001_001	196-216	Evergreen Mobile Estates	2023	38.561585	-122.824599
CA4900559_001_001	83-143	Fircrest Mutual Water Company	2023	38.389376	-122.821994
CA4900812_001_001	Missing	Friedman Brothers Hardware	2021, 2022, 2023, 2024, 2025	38.38128	-122.714008
CA4900546_001_001	143-343	Hawkins Water Co-Cal Water Service (PUC)	2021, 2022, 2023, 2024, 2025	38.405596	-122.756127
CA4900548_001_001	501-626	Holland Heights Mutual Water Company	2023	38.427426	-122.677761
CA4901244_002_002	Missing	Humane Society of Sonoma County	2023	38.414436	-122.796783
CA4900904_001_001	98-258	J Vineyards & Winery	2021, 2022, 2023, 2024, 2025	38.572724	-122.843412
CA4901445_001_001	Missing	James Court Water System	2022, 2025	38.420653	-122.722624
CA4901445_002_002	Missing	James Court Water System	2022, 2025	38.420964	-122.72331
CA4901232_001_001	100-560	La Crema Winery	2021, 2022, 2023, 2024, 2025	38.498522	-122.813291
CA4900817_002_002	70-100	La Hacienda Del Toro	2023	38.388191	-122.740592
CA4900832_002_002	80-226	Leisure Mobile Home Park	2022, 2025	38.430539	-122.748051
CA4900832_006_006	65-205	Leisure Mobile Home Park	2022, 2025	38.430511	-122.747917
CA4900513_002_002	135-203	Madrone Mutual Water Company	2021	38.330863	-122.727875
CA4900720_001_001	115-191	Mobile Home Estates	2021	38.522176	-122.776958
CA4900792_001_001	45-45	No Match/Not an Active Water System or Well	2021	38.415482	-122.714178
CA4900792_002_002	0-10	No Match/Not an Active Water System or Well	2021	38.415509	-122.714206



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900699_002_002	40-60	Olivet Elementary School	2021, 2022, 2023, 2024, 2025	38.458333	-122.804444
CA4900553_001_001	150-230	Park Royal Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.44125	-122.782694
CA4900553_004_004	Missing	Park Royal Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.441483	-122.78272
CA4900897_003_003	70-220	Rodney Strong Vineyards	2021, 2022, 2023, 2024, 2025	38.572569	-122.843724
CA4900897_004_004	70-140	Rodney Strong Vineyards	2021, 2022, 2023, 2024, 2025	38.572634	-122.843974
CA4900878_008_008	Missing	Santa Rosa Golf & Country Club	2021, 2022, 2023, 2024, 2025	38.43498	-122.80174
CA4900796_001_001	0-10	Santa Rosa Mobile Estates	2021, 2022, 2023, 2024, 2025	38.394027	-122.708333
CA4900796_003_003	90-130	Santa Rosa Mobile Estates	2021, 2022, 2023, 2024, 2025	38.393966	-122.708241
CA4901431_001_001	64-304	Saralee'2 Vineyard & Tasting Room	2021, 2022, 2023, 2024, 2025	38.493179	-122.82986
CA4900723_001_001	240-315	Shamrock Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.53705	-122.78835
CA4901212_001_001	Missing	Sonoma County Pub Works-Central Landfill	2021, 2022, 2025	38.311549	-122.737911
CA4910020_006_006	Missing	Sonoma County Water Agency	2021, 2022	38.386369	-122.778481
CA4910027_003_003	100-260	Sonoma State University	2023	38.343023	-122.677418
CA4900795_001_001	44-250	Stonegate Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.510363	-122.778503
CA4900907_001_001	0-14	Summerfield Waldorf School	2021, 2022, 2023, 2024, 2025	38.442829	-122.809301
CA4901370_001_001	Missing	Sutter Santa Rosa Regional Hospital	2021, 2022, 2023, 2024, 2025	38.493034	-122.751219
CA4901370_002_002	Missing	Sutter Santa Rosa Regional Hospital	2021, 2022, 2023, 2024, 2025	38.493075	-122.751069
CA4900669_001_001	Missing	Wendell Lane Mutual Water Company	2022, 2025	38.3475	-122.768056
CA4900791_006_006	Missing	Western Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.39673	-122.715788
CA4900694_001_001	Missing	Wright Elementary School	2023	38.419643	-122.774205
CA4910020_020_020	Missing	Sonoma County Water Agency	2021, 2022, 2023, 2024, 2025	38.408188	-122.801

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900512_001_001	0-13	Happy Acres Mutual Benefit Water	2021, 2022, 2023, 2024, 2025	38.307598	-122.729

3.2 Nitrate Monitoring Network Evaluation Results

Of the 122 RMPs in the nitrate network, 33 wells were removed. A total of 89 RMPs of the initial 122 were kept in the nitrate RMP network. Of the 15 non-RMP public supply wells that were sampled for nitrate each year in the past five years, seven were added as new RMPs to the nitrate network. Table 8 summarizes the criteria score for each GSP RMP, the criteria evaluation decision, and the rationale supporting the decision to keep or remove the RMP following the spatial analysis for all RMPs in the nitrate network. The table also summarizes the decision to add or not add additional public supply wells as nitrate RMPs. Figure 5 shows the location of each RMP and identifies if the well was retained or removed from the GSP network or added as a new RMP after the geospatial analysis. Table 9 provides information on the associated water system, well construction, recent annual sample frequency, and coordinates for the 96 RMPs in the revised nitrate monitoring network.

Table 8. Nitrate Network Criteria Scores and Geospatial Evaluation Results

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900033_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900513_003_003	GSP RMP	6	Keep	Keep because Score > 4
CA4900546_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900546_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900548_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900553_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900553_004_004	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900559_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900559_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900560_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900561_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900561_003_003	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well



Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900667_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4900669_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900675_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900675_003_003	GSP RMP	6	Keep	Keep because Score > 4
CA4900693_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900694_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900699_002_002	GSP RMP	5	Keep	Keep because Score > 4
CA4900720_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900723_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900728_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900774_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900787_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900787_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900788_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900788_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900791_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900791_006_006	GSP RMP	6	Keep	Keep because Score > 4
CA4900792_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900792_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900794_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900795_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900796_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4900796_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4900797_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900798_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900798_002_002	GSP RMP	7	Keep	Keep because Score > 4

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900799_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900799_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4900817_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900832_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900832_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4900832_006_006	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900853_003_003	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900878_008_008	GSP RMP	6	Keep	Keep because Score > 4
CA4900897_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4900897_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4900904_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900907_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900913_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900934_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4900949_001_001	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4901008_001_001	GSP RMP	4	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901063_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901073_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901093_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901156_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901165_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901175_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901212_001_001	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4901232_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901244_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901250_002_002	GSP RMP	1	Remove	Remove because Score = 1
CA4901269_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901312_001_001	GSP RMP	7	Keep	Keep because Score > 4

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4901321_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901324_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901336_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901346_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901346_002_002	GSP RMP	6	Keep	Keep because Score > 4
CA4901365_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901370_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901370_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901387_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901394_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901398_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901407_001_001	GSP RMP	6	Keep	Keep because Score > 4
CA4901431_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4901445_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4901445_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910009_007_007	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910009_008_008	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_002_002	GSP RMP	7	Keep	Keep because Score > 4
CA4910011_004_004	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910011_005_005	GSP RMP	7	Keep	Keep because Score > 4
CA4910011_015_015	GSP RMP	6	Keep	Keep because Score > 4
CA4910014_001_001	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well

Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910014_005_005	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_007_007	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_008_008	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_009_009	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_010_010	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_011_011	GSP RMP	7	Keep	Keep because Score > 4
CA4910014_012_012	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_013_013	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_014_014	GSP RMP	7	Keep	Keep because Score > 4
CA4910014_015_015	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_016_016	GSP RMP	7	Keep	Keep because Score > 4
CA4910014_018_018	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_021_021	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_022_022	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_027_027	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_030_030	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_031_031	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_033_033	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_035_035	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_039_039	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910014_040_040	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_044_044	GSP RMP	7	Keep	Keep because Score > 4



Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910016_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910017_020_020	GSP RMP	7	Keep	Keep because Score > 4
CA4910022_001_001	GSP RMP	7	Keep	Keep because Score > 4
CA4910022_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4910023_004_004	GSP RMP	7	Keep	Keep because Score > 4
CA4910023_005_005	GSP RMP	7	Keep	Keep because Score > 4
CA4910027_002_002	GSP RMP	3	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910027_003_003	GSP RMP	7	Keep	Keep because Score > 4
CA4910027_006_006	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900512_001_001	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4900513_006_006	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4900558_001_001	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4900558_002_002	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4900667_001_001	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4900695_001_001	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4900721_004_004	Additional Well	6	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4900796_002_002	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4901086_002_002	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well



Representative Monitoring Point Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4901170_001_001	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4901328_001_001	Additional Well	6	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4901468_001_001	Additional Well	7	Add	Add because more than 0.5 miles from a revised monitoring network well
CA4910014_029_029	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4910016_003_003	Additional Well	7	Don't Add	Don't add because less than 0.5 miles from a revised monitoring network well
CA4910020_020_020	Additional Well	6	Add	Add because more than 0.5 miles from a revised monitoring network well

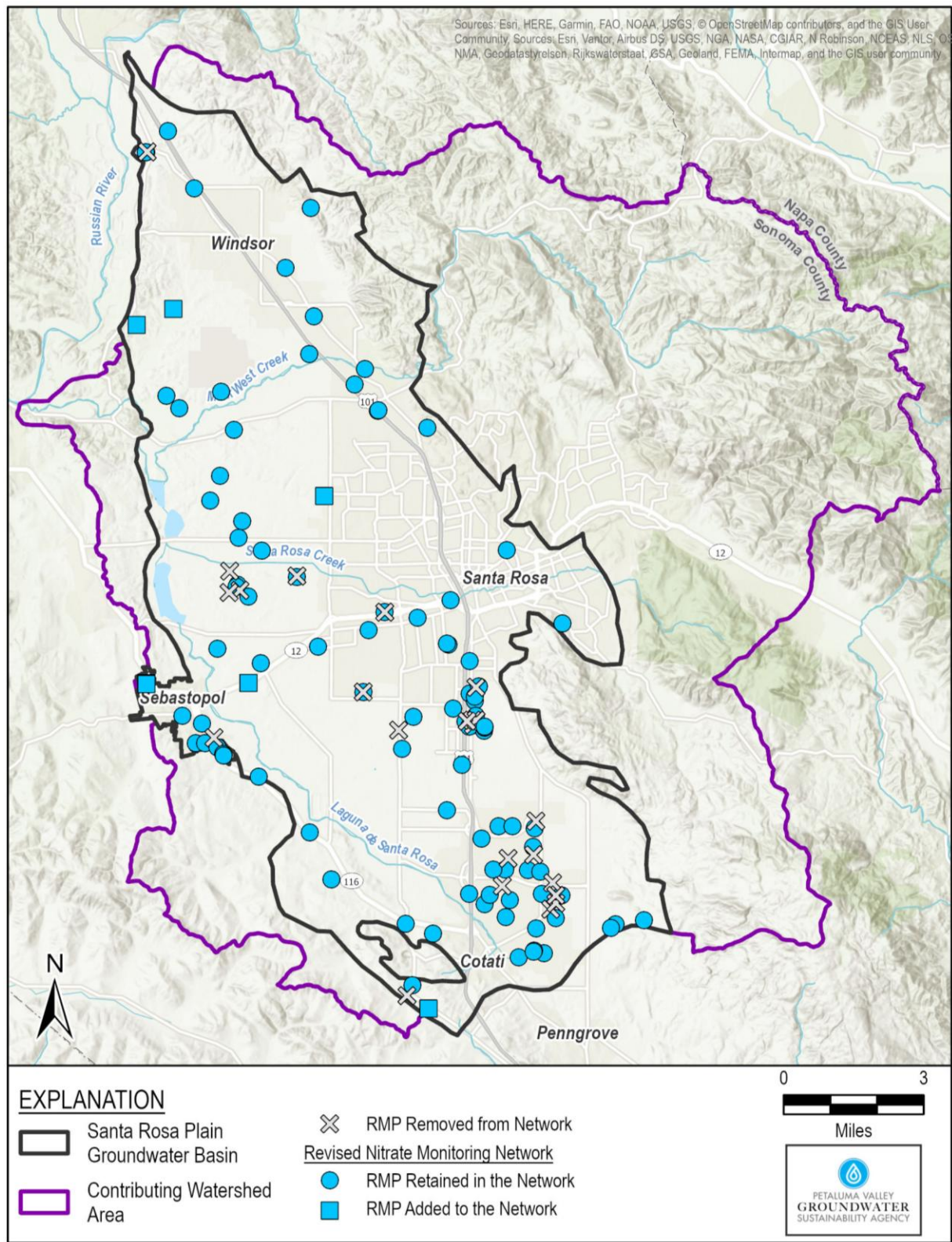


Figure 5. Location of Retained, Removed, and Added Wells in the Nitrate Monitoring Network

Table 9. Summary of Santa Rosa Plain Subbasin Public Supply Wells in Revised Nitrate Monitoring Network

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900033_001_001	67-127	Washoe House	2021, 2022, 2023, 2025	38.31475	-122.735827
CA4900513_003_003	Missing	Madrone Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.33087	-122.727928
CA4900546_001_001	143-343	Hawkins Water Co-Cal Water Service (PUC)	2021, 2022, 2023, 2024, 2025	38.405596	-122.756127
CA4900548_001_001	501-626	Holland Heights Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.427426	-122.677761
CA4900553_001_001	150-230	Park Royal Mutual Water Company	2021, 2022, 2025	38.44125	-122.782694
CA4900559_001_001	83-143	Fircrest Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.389376	-122.821994
CA4900559_002_002	80-90	Fircrest Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.38944	-122.818427
CA4900667_004_004	355-795	College Park Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.335553	-122.644636
CA4900669_001_001	Missing	Wendell Lane Mutual Water Company	2021, 2022	38.3475	-122.768056
CA4900675_001_001	Missing	Roseland Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.428808	-122.734905
CA4900675_003_003	Missing	Roseland Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.428805	-122.734944
CA4900693_001_001	Missing	Bellevue Union School District-Bellevue School	2021, 2022, 2023	38.398044	-122.73623
CA4900694_001_001	Missing	Wright Elementary School	2021, 2022, 2023, 2024, 2025	38.419643	-122.774205
CA4900699_002_002	40-60	Olivet Elementary School	2021, 2023, 2024, 2025	38.458333	-122.804444
CA4900720_001_001	115-191	Mobile Home Estates	2021, 2022, 2023, 2024, 2025	38.522176	-122.776958
CA4900723_001_001	240-315	Shamrock Mobile Home Park	2021, 2022, 2025	38.53705	-122.78835
CA4900728_001_001	196-216	Evergreen Mobile Estates	2021, 2022, 2023, 2024, 2025	38.561585	-122.824599
CA4900774_002_002	200-360	Cloverleaf Ranch Summer Camp	2023	38.487784	-122.731752
CA4900787_001_001	40-72	Plaza Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.395628	-122.711705



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900791_006_006	Missing	Western Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.39673	-122.715788
CA4900792_001_001	45-45	Unable to Identify	2021, 2022, 2023	38.415482	-122.714178
CA4900792_002_002	0-10	Unable to Identify	2021, 2022, 2023	38.415509	-122.714206
CA4900794_002_002	0-10	Sunset Park Community	2021, 2022, 2023, 2024, 2025	38.405489	-122.714127
CA4900795_001_001	44-250	Stonegate Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.510363	-122.778503
CA4900796_001_001	0-10	Santa Rosa Mobile Estates	2021, 2022, 2023, 2024, 2025	38.394027	-122.708333
CA4900796_003_003	90-130	Santa Rosa Mobile Estates	2021, 2022, 2023, 2024, 2025	38.393966	-122.708241
CA4900797_001_001	Missing	North Star Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.398525	-122.711636
CA4900798_002_002	100-180	Mountain View Mobile Estates, LLC	2021, 2022, 2023, 2024, 2025	38.407773	-122.710558
CA4900799_002_002	0-10	El Portal Mobile Estates	2021, 2022, 2023, 2024, 2025	38.403224	-122.712022
CA4900799_003_003	146-226	El Portal Mobile Estates	2021, 2022, 2023, 2024, 2025	38.40447	-122.712161
CA4900817_002_002	70-100	La Hacienda Del Toro	2021, 2022, 2023, 2024, 2025	38.388191	-122.740592
CA4900832_002_002	80-226	Leisure Mobile Home Park	2021, 2022, 2023, 2024, 2025	38.430539	-122.748051
CA4900853_003_003	Missing	Unable to Identify	2021, 2022	38.36189	-122.7768
CA4900878_008_008	Missing	Santa Rosa Golf & Country Club	2021, 2022, 2023, 2024, 2025	38.43498	-122.80174
CA4900897_003_003	70-220	Rodney Strong Vineyards	2021, 2022, 2023, 2024, 2025	38.572569	-122.843724
CA4900897_004_004	70-140	Rodney Strong Vineyards	2021, 2022, 2023, 2024, 2025	38.572634	-122.843974
CA4900913_001_001	Missing	Robin Way Water System	2021, 2022, 2023, 2024, 2025	38.400755	-122.720568
CA4900934_001_001	Missing	Sonoma Wine Shop	2021, 2022, 2023, 2024, 2025	38.379037	-122.797093
CA4901008_001_001	Missing	Hessel Church	2021, 2023, 2024, 2025	38.347491	-122.780676
CA4901063_001_001	80-140	Campobello	2021, 2022, 2023, 2024, 2025	38.449235	-122.796629
CA4901093_001_001	Missing	Martinelli Ranch	2021, 2022, 2023, 2024, 2025	38.486709	-122.808051



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4901156_001_001	507-547	Willowside School	2021, 2022, 2023, 2024, 2025	38.438688	-122.806083
CA4901165_001_001	Missing	Jehovah S Witnesses Hall	2021, 2022, 2023, 2024, 2025	38.369247	-122.722763
CA4901175_001_001	Missing	Oak Grove School District office	2021, 2022, 2023, 2024, 2025	38.43806	-122.80645
CA4901232_001_001	100-560	La Crema Winery	2021, 2022, 2023, 2024, 2025	38.498522	-122.813291
CA4901244_002_002	Missing	Humane Society of Sonoma County	2021, 2022	38.414436	-122.796783
CA4901269_001_001	0-38	United Rentals	2021, 2022, 2023, 2024, 2025	38.383271	-122.716934
CA4901312_001_001	190-290	Balletto Vineyards	2021, 2022, 2023, 2024, 2025	38.418667	-122.81388
CA4901321_001_001	50-50	Sunce Winery	2021, 2022, 2023, 2024, 2025	38.464751	-122.817127
CA4901324_001_001	51-80	Fritsch Industrial Park	2021, 2022, 2023, 2024, 2025	38.434332	-122.72189
CA4901336_001_001	Missing	Merriam Winery	2021, 2022, 2023, 2024, 2025	38.579242	-122.835206
CA4901346_002_002	Missing	Delores Lane Water System	2021, 2022, 2023, 2024, 2025	38.394867	-122.70816
CA4901365_001_001	Missing	Michael Lucas Water System	2021, 2022, 2023, 2024, 2025	38.424907	-122.754243
CA4901370_001_001	Missing	Sutter Santa Rosa Regional Hospital	2021, 2022, 2023, 2025	38.493034	-122.751219
CA4901370_002_002	Missing	Sutter Santa Rosa Regional Hospital	2021, 2022, 2023, 2025	38.493075	-122.751069
CA4901394_001_001	Missing	7180 Hwy 116 LLC	2021, 2022	38.333887	-122.738684
CA4901398_001_001	199-379	Hook & Ladder Vineyards & Winery	2021, 2022, 2023, 2025	38.472391	-122.813535
CA4901407_001_001	Missing	Santa Rosa Liquor & Deli	2021, 2022, 2023, 2024, 2025	38.395241	-122.714265
CA4901431_001_001	64-304	Saralee's Vineyard& Tasting Room	2021, 2022, 2023, 2024, 2025	38.493179	-122.82986
CA4901445_001_001	Missing	James Court Water System	2021, 2022, 2023, 2025	38.420653	-122.722624
CA4901445_002_002	Missing	James Court Water System	2021, 2022, 2023, 2025	38.420964	-122.72331
CA4910009_007_007	0-720	City of Santa Rosa	2021, 2022	38.45	-122.7
CA4910009_008_008	0-617	City of Santa Rosa	2021, 2022	38.45	-122.7



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4910011_002_002	237-468	City of Sebastopol	2021, 2022, 2023, 2024, 2025	38.395411	-122.819659
CA4910011_005_005	270-560	City of Sebastopol	2021, 2022, 2023, 2024, 2025	38.388127	-122.81345
CA4910011_015_015	Missing	City of Sebastopol	2021, 2022, 2023, 2024, 2025	38.397825	-122.827421
CA4910014_002_002	0-98	City of Rohnert Park	2021, 2022, 2023, 2025	38.340072	-122.707655
CA4910014_004_004	0-140	City of Rohnert Park	2021, 2022	38.342972	-122.705532
CA4910014_005_005	0-136	City of Rohnert Park	2021, 2022, 2023, 2025	38.34342	-122.685106
CA4910014_006_006	0-98	City of Rohnert Park	2021, 2022, 2025	38.343262	-122.713691
CA4910014_009_009	0-50	City of Rohnert Park	2021, 2022	38.341452	-122.697698
CA4910014_010_010	0-90	City of Rohnert Park	2022	38.350866	-122.690695
CA4910014_011_011	0-150	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.350922	-122.699484
CA4910014_013_013	0-360	City of Rohnert Park	2021, 2022, 2025	38.336197	-122.699259
CA4910014_014_014	0-105	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.358061	-122.68863
CA4910014_016_016	0-535	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.350817	-122.704299
CA4910014_018_018	0-107	City of Rohnert Park	2023	38.364365	-122.702293
CA4910014_021_021	0-105	City of Rohnert Park	2021, 2022	38.350383	-122.685747
CA4910014_033_033	0-280	City of Rohnert Park	2021, 2022	38.332804	-122.687101
CA4910014_035_035	0-330	City of Rohnert Park	2021, 2022	38.325013	-122.684068
CA4910014_040_040	0-160	City of Rohnert Park	2021, 2022, 2023, 2024	38.335912	-122.679501
CA4910014_044_044	0-100	City of Rohnert Park	2021, 2022, 2023, 2024, 2025	38.363872	-122.688031
CA4910016_002_002	220-295	City of Cotati	2021, 2022, 2023, 2024	38.32374	-122.694053
CA4910017_020_020	55-75	Town of Windsor	2021, 2022, 2023, 2024, 2025	38.555781	-122.778472
CA4910022_001_001	0-25	Canon Manor Water System	2021, 2022, 2023, 2024, 2025	38.334167	-122.655972
CA4910022_004_004	240-430	Canon Manor Water System	2021, 2022, 2023, 2024, 2025	38.333026	-122.657644
CA4910023_004_004	0-98	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.505869	-122.75645

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4910023_005_005	0-72	California-American Larkfield (PUC)	2021, 2022, 2023, 2024, 2025	38.501167	-122.760515
CA4910027_003_003	100-260	Sonoma State University	2021, 2022, 2023, 2024, 2025	38.343023	-122.677418
CA4900512_001_001	0-13	Happy Acres Mutual Benefit Water	2021, 2022, 2023, 2024, 2025	38.307598	-122.729384
CA4900558_001_001	360-480	Belmont Terrace Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.40775	-122.841781
CA4900558_002_002	363-508	Belmont Terrace Mutual Water Company	2021, 2022, 2023, 2024, 2025	38.407541	-122.841735
CA4900695_001_001	65-115	Northwest Prep Charter School	2021, 2022, 2023, 2024, 2025	38.466408	-122.77222
CA4901328_001_001	Missing	Copain Wine Cellars	2021, 2022, 2023, 2024, 2025	38.518982	-122.846927
CA4901468_001_001	180-240	Bricoleur Vineyards	2021, 2022, 2023, 2024, 2025	38.524043	-122.832483
CA4910020_020_020	Missing	Sonoma County Water Agency	2021, 2022, 2023, 2024, 2025	38.408188	-122.801499

3.3 Total Dissolved Solids Monitoring Network Evaluation Results

Of the 92 RMPs in the TDS network, 22 wells were removed. A total of 70 RMPs of the initial 92 were kept in the TDS RMP network. The one additional non-RMP public supply well, CA4910020_020_020, that had been sampled each year from 2021 to 2025 was added as a new RMP. Table 10 summarizes the criteria score for each GSP RMP, the criteria evaluation decision, and the rationale supporting the decision to keep or remove the RMP following the spatial analysis. The table also identifies the one additional public supply well that was added as a new TDS RMP. Figure 6 shows the location of each well and identifies if the well was removed or retained from the GSP network or added as a new RMP after the geospatial analysis. Table 11 provides information on the associated water system, well construction, recent annual sample frequency, and coordinates for the 71 RMPs in the revised TDS monitoring network.

Table 10. Total Dissolved Solids Network Criteria Scores and Geospatial Evaluation Results

Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900546_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900546_002_002	GSP RMP	1	Remove	Remove because Score = 1
CA4900553_001_001	GSP RMP	1	Remove	Remove because Score = 1



Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900561_003_003	GSP RMP	1	Remove	Remove because Score = 1
CA4900723_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900832_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4910027_002_002	GSP RMP	1	Remove	Remove because Score = 1
CA4900878_008_008	GSP RMP	1	Remove	Remove because Score = 1
CA4900913_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901346_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4901362_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900560_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4900798_001_001	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_015_015	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_012_012	GSP RMP	1	Remove	Remove because Score = 1
CA4910014_008_008	GSP RMP	1	Remove	Remove because Score = 1
CA4900513_003_003	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900548_004_004	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900553_004_004	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900669_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900675_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900675_003_003	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900693_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900694_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900791_006_006	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900797_001_001	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4901346_002_002	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4901445_001_001	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well

Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4901445_002_002	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_015_015	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910020_006_006	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910020_019_019	GSP RMP	2	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910023_007_007	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4910027_006_006	GSP RMP	2	Remove	Remove because less than 0.5 miles from a higher ranked well
CA4900548_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900559_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900559_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900561_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900667_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900720_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900728_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900787_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900787_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900788_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900788_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900791_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900792_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well



Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4900792_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900794_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900795_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900796_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900796_003_003	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900798_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900799_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900799_003_003	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900832_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4900832_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910009_007_007	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910009_008_008	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910011_005_005	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_005_005	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well



Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910014_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_009_009	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_010_010	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_011_011	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_013_013	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_014_014	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_016_016	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_018_018	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_021_021	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_022_022	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_027_027	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_030_030	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_031_031	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_033_033	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_035_035	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_039_039	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_040_040	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910014_044_044	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910016_002_002	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well



Well ID	GSP RMP or Additional Public Supply Well	Criteria Score for Geospatial Evaluation	Geospatial Evaluation Decision	Geospatial Evaluation Decision Description
CA4910016_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910022_001_001	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910022_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910023_004_004	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910023_005_005	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910023_006_006	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910027_003_003	GSP RMP	3	Keep	Keep because more than 0.5 miles from a higher ranked well
CA4910020_020_020	Additional Well	6	Add	Add because more than 0.5 miles from a revised monitoring network well

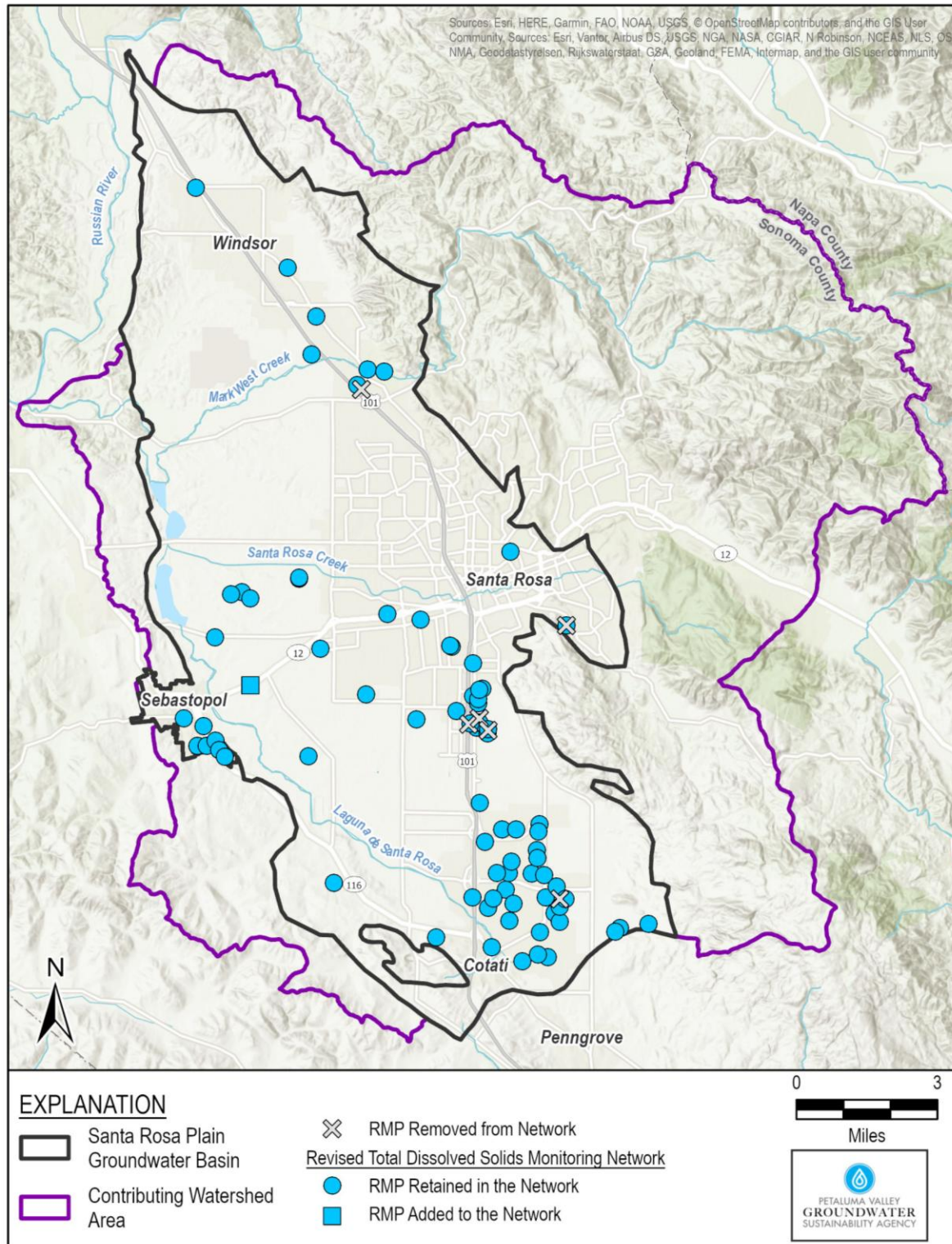


Figure 6. Location of Retained, Removed, and Added Wells in the Total Dissolved Solids Monitoring Network

Table 11. Summary of Santa Rosa Plain Subbasin Public Supply Wells in the Revised Total Dissolved Solids Monitoring Network

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900513_003_003	Missing	Madrone Mutual Water Company	2021, 2024	38.33087	-122.727928
CA4900548_001_001	501-626	Holland Heights Mutual Water Company	2023	38.427426	-122.677761
CA4900553_004_004	Missing	Park Royal Mutu Saralee's al Water Company	2023	38.441483	-122.78272
CA4900559_001_001	83-143	Fircrest Mutual Water Company	2023	38.389376	-122.821994
CA4900559_002_002	80-90	Fircrest Mutual Water Company	2023	38.38944	-122.818427
CA4900561_002_002	515-615	Willowside Mutual Water Company	2021	38.4369	-122.805154
CA4900667_004_004	355-795	College Park Mutual Water Company	2023	38.335553	-122.644636
CA4900669_001_001	Missing	Wendell Lane Mutual Water Company	2022	38.3475	-122.768056
CA4900675_001_001	Missing	Roseland Mobile Home Park	2021, 2024	38.428808	-122.734905
CA4900675_003_003	Missing	Roseland Mobile Home Park	2021, 2024	38.428805	-122.734944
CA4900693_001_001	Missing	Bellevue Union School District-Bellevue School	2022	38.398044	-122.73623
CA4900694_001_001	Missing	Wright Elementary School	2023	38.419643	-122.774205
CA4900720_001_001	115-191	Mobile Home Estates	2021	38.522176	-122.776958
CA4900728_001_001	196-216	Evergreen Mobile Estates	2023	38.561585	-122.824599
CA4900787_001_001	40-72	Plaza Mobile Home Park	2021, 2024	38.395628	-122.711705
CA4900787_002_002	90-120	Plaza Mobile Home Park	2025	38.395757	-122.712582
CA4900788_001_001	40-58	Unable to Identify	2021	38.397183	-122.712925
CA4900788_002_002	0-10	Unable to Identify	2021	38.397217	-122.711523
CA4900791_002_002	0-10	Western Mobile Home Park	2023	38.396872	-122.715077
CA4900792_001_001	45-45	Unable to Identify	2021	38.415482	-122.714178
CA4900792_002_002	0-10	Unable to Identify	2021	38.415509	-122.714206
CA4900794_002_002	0-10	Sunset Park Community	2023	38.405489	-122.714127
CA4900795_001_001	44-250	Stonegate Mobile Home Park	2021, 2024	38.510363	-122.778503
CA4900796_001_001	0-10	Santa Rosa Mobile Estates	2021, 2024	38.394027	-122.708333



Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4900796_003_003	90-130	Santa Rosa Mobile Estates	2021, 2024	38.393966	-122.708241
CA4900798_002_002	100-180	Mountain View Mobile Estates, LLC	2022, 2025	38.407773	-122.710558
CA4900799_002_002	0-10	El Portal Mobile Estates	2022	38.403224	-122.712022
CA4900799_003_003	146-226	El Portal Mobile Estates	2022	38.40447	-122.712161
CA4900832_002_002	80-226	Leisure Mobile Home Park	2022, 2025	38.430539	-122.748051
CA4900832_006_006	65-205	Leisure Mobile Home Park	2022, 2025	38.430511	-122.747917
CA4901445_001_001	Missing	James Court Water System	2022, 2025	38.420653	-122.722624
CA4901445_002_002	Missing	James Court Water System	2022, 2025	38.420964	-122.72331
CA4910009_007_007	0-720	City of Santa Rosa	2021, 2022	38.45	-122.7
CA4910009_008_008	0-617	City of Santa Rosa	2021, 2022	38.45	-122.7
CA4910011_002_002	237-468	City of Sebastopol	2023	38.395411	-122.819659
CA4910011_004_004	172-552	City of Sebastopol	2021	38.391081	-122.814929
CA4910011_005_005	270-560	City of Sebastopol	2021, 2024	38.388127	-122.81345
CA4910011_015_015	Missing	City of Sebastopol	2023	38.397825	-122.827421
CA4910014_001_001	0-193	City of Rohnert Park	2021	38.345834	-122.700692
CA4910014_002_002	0-98	City of Rohnert Park	2021	38.340072	-122.707655
CA4910014_004_004	0-140	City of Rohnert Park	2022, 2025	38.342972	-122.705532
CA4910014_005_005	0-136	City of Rohnert Park	2021	38.34342	-122.685106
CA4910014_006_006	0-98	City of Rohnert Park	2022, 2025	38.343262	-122.713691
CA4910014_009_009	0-50	City of Rohnert Park	2023	38.341452	-122.697698
CA4910014_010_010	0-90	City of Rohnert Park	2022	38.350866	-122.690695
CA4910014_011_011	0-150	City of Rohnert Park	2023	38.350922	-122.699484
CA4910014_013_013	0-360	City of Rohnert Park	2021	38.336197	-122.699259
CA4910014_014_014	0-105	City of Rohnert Park	2023	38.358061	-122.68863
CA4910014_016_016	0-535	City of Rohnert Park	2023	38.350817	-122.704299
CA4910014_018_018	0-107	City of Rohnert Park	2023	38.364365	-122.702293
CA4910014_021_021	0-105	City of Rohnert Park	2022	38.350383	-122.685747
CA4910014_022_022	0-65	City of Rohnert Park	2021	38.346909	-122.680839
CA4910014_027_027	0-80	City of Rohnert Park	2023	38.355558	-122.688419
CA4910014_030_030	0-260	City of Rohnert Park	2021	38.354367	-122.698485
CA4910014_031_031	0-360	City of Rohnert Park	2021	38.366027	-122.687648
CA4910014_033_033	0-280	City of Rohnert Park	2022	38.332804	-122.687101
CA4910014_035_035	0-330	City of Rohnert Park	2022	38.325013	-122.684068
CA4910014_039_039	0-160	City of Rohnert Park	2021	38.338704	-122.681539
CA4910014_040_040	0-160	City of Rohnert Park	2021	38.335912	-122.679501

Representative Monitoring Point Well ID	Screened Interval (feet bgs)	Water System	Recent Sample Year (2021-2025)	Latitude	Longitude
CA4910014_044_044	0-100	City of Rohnert Park	2021, 2024	38.363872	-122.688031
CA4910016_002_002	220-295	City of Cotati	2023	38.32374	-122.694053
CA4910016_004_004	290-450	City of Cotati	2022, 2025	38.328025	-122.706017
CA4910020_006_006	Missing	Sonoma County Water Agency	2021, 2022	38.386369	-122.778481
CA4910020_019_019	Missing	Sonoma County Water Agency	2021, 2022	38.422918	-122.815591
CA4910022_001_001	0-25	Canon Manor Water System	2022, 2025	38.334167	-122.655972
CA4910022_004_004	240-430	Canon Manor Water System	2022, 2025	38.333026	-122.657644
CA4910023_004_004	0-98	California-American Larkfield (PUC)	2021, 2024	38.505869	-122.75645
CA4910023_005_005	0-72	California-American Larkfield (PUC)	2021, 2024	38.501167	-122.760515
CA4910023_006_006	0-142	California-American Larkfield (PUC)	2021, 2024	38.50527	-122.750083
CA4910027_003_003	100-260	Sonoma State University	2023	38.343023	-122.677418
CA4910020_020_020	Missing	Sonoma County Water Agency	2021, 2022, 2023, 2024, 2025	38.408188	-122.801499

3.4 Summary of Current Status of Groundwater Quality Representative Monitoring Networks

The Santa Rosa Plain Subbasin's first Periodic Evaluation provides maps of the location and well specifications for the RMPs included in the revised arsenic, nitrate, and TDS networks developed through this comprehensive evaluation. Periodic reassessment will continue to ensure the networks remain sufficient for monitoring and managing groundwater quality in the Subbasin. Table 12 summarizes changes to the degraded groundwater quality representative monitoring networks including the number of removed RMPs from the GSP networks, the number of public supply wells added as new RMPs, and the number of RMPs included in the revised networks.

Table 12. Summary of Refined Groundwater Quality Network

Constituent of Concern	Number of Wells in GSP Network	Number of Wells Removed	Number of Wells Added	Number of Wells in Revised PE Network
Arsenic	104	34	2	72
Nitrate	122	33	7	96
TDS	92	22	1	71

REFERENCES

California Department of Water Resources (DWR). 2023. Santa Rosa Plain Subbasin -2022 Groundwater Sustainability Plan Determination. Accessed 5/15/2026 at:
<https://sgma.water.ca.gov/portal/service/gspdocument/download/9573>