State Water Resources Control Board

Division of Drinking Water

MONTHLY SUMMARY OF REVISED TOTAL COLIFORM RULE DISTRIBUTION SYSTEM MONITORING

(For public water systems serving more than 400 service connections OR 1,000 persons, OR wholesaler systems)
(Includes triggered source monitoring for Groundwater Rule compliance)

System Name:	System Number:
Santa Clara Valley Water District	**4310027**
Sampling Period: Month: **March**	Year: **2025**

	Number Required	Number Collected	Number Total Coliform Positives	Number E.Coli Positives
1. Routine Samples (see note 1) :	164	201	0	0
2. Repeat Samples following samples that are Total Coliform POSITIVE and E.coli NEGATIVE (see notes 2, 10 and 11) :		0	0	0
3. Repeat Samples following routine samples that are Total Coliform POSITIVE and E. coli POSITIVE (see notes 2, 3, 10 and 11) :		0	0	0
4. Coliform Treatment Technique (TT) Trigger Exceedance % and E.coli /MCL Computation for Total Coliform/E.Coli Positive Samples				
a. Totals (sum of columns) :	164	201	0	
b. If 40 or more samples are collected in the month, determine percent of samples that are Total Coliform positive. ([total number positive / total number collected] x 100):	0.00 %			
c. Did the system violate the E.coli MCL (see note 2 through 5)?		☐ Yes	☒ No	
Did the system trigger... a LEVEL 2 Assessment TT? (See notes 2, 3, 4 ,5 and 6 for trigger info) *If Yes, see note 8 below.*		☐ Yes	☒ No	
... a LEVEL 1 Assessment TT? (See notes 7 for trigger info) *If Yes, see note 9 below.*		☐ Yes	☒ No	
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)		0	0	0

6. Invalidated Samples

(note what samples, if any, were invalidated; why they were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.

7. Summary Completed By:

Name/Signature:	Title:	Date:
	Surjit Saini Laboratory Manager	04/09/2025

NOTES AND INSTRUCTIONS:

1. Routine samples include:
   a) Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422
   b) Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;

Notes 2-5 (boxed entries) are E. coli MCL violations and require immediate notification to the Division (22 CCR, Section 64426.1):

2. Any E.coli positive repeat following a total coliform positive sample.
3. Any total coliform positive repeat, following an E.coli positive routine sample.
4. Failure to take all required repeat samples following an E. coli positive routine sample.
5. Failure to test for E. coli when any repeat sample tests positive for total coliform
6. Note: Second Level 1 treatment technique trigger in a rolling 12-month period.
7. **Level 1 Coliform Treatment Technique (TT) Triggers:**
   a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the TT is violated and a Level 1 Assessment is required
   b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the TT is violated and a Level 1 Assessment is required.
   c. If a trigger is exceeded as a result of a total coliform positive repeat sample, the system must notify the Division by the end of business day, section 64424(c)
8. Contact the Division as soon as practical to arrange for the division to conduct a Level 2 Assessment of the water system. The water system shall complete a Level 2 Assessment and submit it to the Division within 30 days of learning of the trigger exceedance.
9. Conduct a Level 1 Assessment in accordance with as soon as practical that covers the minimum elements (22, CCR, Section 64426.8 (a), (2). Submit the report to the Division within 30 days of learning of the trigger exceedance.
10. Positive results and their associated repeat samples must be tracked on the Coliform Monitoring Worksheet
11. Repeat samples must be collected within 24 hours of being notified of the positive results. . At least 3 repeat samples must be collected for each total coliform positive sample.
12. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
13. For triggered sample(s) required as a result of a total coliform routine positive sample, an E.coli positive triggered sample (boxed entry) **requires immediate notification to the Division, Tier 1 public notification, and corrective action.**

Valley Water System # 4310027

Report for: Penitencia, Rinconada, Santa Teresa Water Treatment Plants

Start: 3/1/2025 End: 3/31/2025

Primary Standards - Mandatory Health-Related Standards

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Aluminum	280	ND	150	ND	ND	ND	50	1000	200	NS	ug/L
Antimony	ND	ND	ND	ND	ND	ND	6	6	NS	NS	ug/L
Arsenic	ND	ND	ND	ND	ND	ND	2	10	NS	NS	ug/L
Barium	ND	ND	ND	ND	ND	ND	100	1000	NS	NS	ug/L
Beryllium	ND	ND	ND	ND	ND	ND	1	4	NS	NS	ug/L
Bromate	NT	ND	NT	NT	NT	1.16	1	10	NS	NS	ug/L
Cadmium	ND	ND	ND	ND	ND	ND	1	5	NS	NS	ug/L
Chromium	ND	ND	ND	ND	ND	ND	10	50	NS	NS	ug/L
Fluoride	ND	0.77	ND	ND	ND	0.70	0.1	2	NS	NS	mg/L
Hexavalent Chromium	ND	ND	ND	ND	ND	ND	0.1	10	NS	NS	ug/L
Mercury	ND	ND	ND	ND	ND	ND	1	2	NS	NS	ug/L
Nickel	ND	ND	ND	ND	ND	ND	10	100	NS	NS	ug/L
Nitrate as Nitrogen	ND	0.50	0.50	0.50	0.50	0.60	0.4	10	NS	NS	mg/L
Nitrite as Nitrogen	ND	ND	ND	ND	ND	ND	0.4	1	NS	NS	mg/L
Perchlorate	ND	ND	ND	ND	ND	ND	1	6	NS	NS	ug/L
Selenium	ND	ND	ND	ND	ND	ND	5	50	NS	NS	ug/L
Thallium	ND	ND	ND	ND	ND	ND	1	2	NS	NS	ug/L
Dibromoacetic Acid	NT	3.1	NT	4.9	NT	3.7	1	NS	NS	NS	ug/L
Dichloroacetic Acid	NT	9.9	NT	6.9	NT	1.9	1	NS	NS	NS	ug/L
Monobromoacetic Acid	NT	ND	NT	ND	NT	ND	1	NS	NS	NS	ug/L
Monochloroacetic Acid	NT	2.1	NT	ND	NT	ND	2	NS	NS	NS	ug/L
Trichloroacetic Acid	NT	6.5	NT	5.9	NT	1.4	1	NS	NS	NS	ug/L
Total Haloacetic Acids (5)	NT	21.6	NT	17.6	NT	6.9	NS	60	NS	NS	ug/L
Bromodichloromethane	NT	11	NT	14	NT	6.9	1	NS	NS	NS	ug/L
Bromoform	NT	1.3	NT	2.5	NT	3.3	1	NS	NS	NS	ug/L
Chloroform	NT	16	NT	9.2	NT	4.0	1	NS	NS	NS	ug/L
Dibromochloromethane	NT	8.3	NT	14	NT	8.2	1	NS	NS	NS	ug/L
Total Trihalomethanes	NT	36	NT	40	NT	22	NS	80	NS	NS	ug/L

Secondary Standards - Aesthetic Standards

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Apparent Color	45	<1	30	<1	8	<1	NS	NS	15	NS	Color Unit
Chloride	32	36	44	48	59	63	NS	NS	500	NS	mg/L
Conductivity	303	357	355	426	425	461	NS	NS	1600	NS	umhos/cm @ 25C
Copper	ND	ND	ND	ND	ND	ND	50	NS	1000	NS	ug/L
Iron	450	<20	250	<20	47	<20	NS	NS	300	NS	ug/L
Manganese	29.0	12.0	20.0	<1	6.0	<1	NS	NS	50	500	ug/L
pH	8.0	7.7	7.9	7.7	7.8	7.6	NS	NS	NS	NS	pH units
Silver	<1	<1	<1	<1	<1	<1	NS	NS	100	NS	ug/L
Sulfate	26.2	49.0	29.2	58.8	33.8	46.4	NS	NS	500	NS	mg/L
Total Dissolved Solids at 180C	186	214	222	242	242	260	NS	NS	1000	NS	mg/L
Zinc	<10	<10	<10	<10	<10	<10	NS	NS	5000	NS	ug/L

Valley Water System # 4310027

Report for: Penitencia, Rinconada, Santa Teresa Water Treatment Plants

Start: 3/1/2025 End: 3/31/2025

Unregulated - With Notification Level

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Boron	114	112	126	126	143	134	NS	NS	NS	1000	ug/L
Chlorate	NT	84	NT	86	NT	74	NS	NS	NS	800	ug/L
Vanadium	3.0	2.0	3.0	2.0	3.0	2.0	NS	NS	NS	50	ug/L

Unregulated - Additional Constituents Analyzed

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Bicarbonate (as HCO3)	85	74	87	79	90	85	NS	NS	NS	NS	mg/L
Bromide	<0.1	<0.1	0.13	<0.1	0.18	<0.1	NS	NS	NS	NS	mg/L
Calcium	19.9	19.2	20.2	20.5	21.3	20.6	NS	NS	NS	NS	mg/L
Carbonate (as CO3)	<10	<10	<10	<10	<10	<10	NS	NS	NS	NS	mg/L
Hardness	93	89	96	97	104	99	NS	NS	NS	NS	mg/L
Hydroxide (as OH)	<10	<10	<10	<10	<10	<10	NS	NS	NS	NS	mg/L
Lead	ND	ND	ND	ND	ND	ND	5	NS	NS	NS	ug/L
Magnesium	10.5	10.0	11.0	11.1	12.2	11.7	NS	NS	NS	NS	mg/L
Phosphate, Ortho (as PO4)	0.11	1.09	0.20	1.06	0.28	0.98	NS	NS	NS	NS	mg/L
Potassium	2.4	2.3	2.7	2.7	3.1	3.0	NS	NS	NS	NS	mg/L
Silica	13.8	11.9	14.0	12.9	14.8	13.9	NS	NS	NS	NS	mg/L
Sodium	30.2	38.7	37.1	49.3	47.2	52.0	NS	NS	NS	NS	mg/L
Temperature	15.6	15.7	14.7	15.4	14.7	15.1	NS	NS	NS	NS	Deg C
Total Alkalinity (as CaCO3)	69	61	72	64	74	70	NS	NS	NS	NS	mg/L
Total Organic Carbon	5.33	2.43	4.40	1.97	3.30	1.67	NS	NS	NS	NS	mg/L

MCL = Maximum Contaminant Level
DLR = Detection Limit for Reporting
2ndMCL = Secondary MCL
NL = Notification Level
PWTP = Penitencia Water Treatment Plant
RWTP = Rinconada Water Treatment Plant
STWTP = Santa Teresa Water Treatment Plant

mg/L = milligrams per liter
ug/L = micrograms per liter
Deg. C = Degree Celsius
CFU/mL = colony forming units per milliliter
umhos/cm = micromhos per centimeter
NTU = nephelometric turbidity units

ND = Not Detected at or above the DLR
NR = Not Reported
NS = No Standard
NT = Not Tested