

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: Santa Clara Valley Water District	System Number: 4310027
Sampling Period: February	Year: 2024

	Number Required	Number Collected	Number Total Coliform Positives	Number E.Coli Positives
1. Routine Samples (see note 1) :	164	168	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	168	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)?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Did the system trigger... a LEVEL 2 Assessment TT?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(See notes 2, 3, 4, 5 and 6 for trigger info)				
If Yes, see note 8 below.				
... a LEVEL 1 Assessment TT?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(See notes 7 for trigger info)				
If Yes, see note 9 below.				
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: Surjit Saini Laboratory Manager	Date: 03/06/2023
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NOTES AND INSTRUCTIONS:

- Routine samples include:
 - 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
 - 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):
- Any E.coli positive repeat following a total coliform positive sample.
- NA total coliform positive repeat, following an E.coli positive routine sample.
- Failure to take all required repeat samples following an E. coli positive routine sample.
- Failure to test for E. coli when any repeat sample tests positive for total coliform
- Note: Second Level 1 treatment technique trigger in a rolling 12-month period.
- Level 1 Coliform Treatment Technique (TT) Triggers:**
 - 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
 - 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.
 - 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)
- 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.
- 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.
- Positive results and their associated repeat samples must be tracked on the Coliform Monitoring Worksheet
- 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.
- For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
- 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
Clear Water • Healthy Environment • Flood Protection

Valley Water System # 4310027

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

Start: 2/1/2024 End: 2/29/2024

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	260	ND	120	ND	NT	NT	50	1000	200	NS	ug/L
Antimony	ND	ND	ND	ND	NT	NT	6	6	NS	NS	ug/L
Arsenic	ND	ND	ND	ND	NT	NT	2	10	NS	NS	ug/L
Barium	ND	ND	ND	ND	NT	NT	100	1000	NS	NS	ug/L
Beryllium	ND	ND	ND	ND	NT	NT	1	4	NS	NS	ug/L
Bromate	NT	1.06	NT	NT	NT	NT	1	10	NS	NS	ug/L
Cadmium	ND	ND	ND	ND	NT	NT	1	5	NS	NS	ug/L
Chromium	ND	ND	ND	ND	NT	NT	10	50	NS	NS	ug/L
Fluoride	ND	0.70	ND	ND	NT	NT	0.1	2	NS	NS	mg/L
Mercury	ND	ND	ND	ND	NT	NT	1	2	NS	NS	ug/L
Nickel	ND	ND	ND	ND	NT	NT	10	100	NS	NS	ug/L
Nitrate as Nitrogen	0.70	0.73	ND	ND	NT	NT	0.4	10	NS	NS	mg/L
Nitrite as Nitrogen	ND	ND	ND	ND	NT	NT	0.4	1	NS	NS	mg/L
Perchlorate	ND	ND	ND	ND	NT	NT	1	6	NS	NS	ug/L
Selenium	ND	ND	ND	ND	NT	NT	5	50	NS	NS	ug/L
Thallium	ND	ND	ND	ND	NT	NT	1	2	NS	NS	ug/L
Dibromoacetic Acid	NT	3.1	NT	4.2	NT	NT	1	NS	NS	NS	ug/L
Dichloroacetic Acid	NT	6.6	NT	5.8	NT	NT	1	NS	NS	NS	ug/L
Monobromoacetic Acid	NT	ND	NT	ND	NT	NT	1	NS	NS	NS	ug/L
Monochloroacetic Acid	NT	ND	NT	ND	NT	NT	2	NS	NS	NS	ug/L
Trichloroacetic Acid	NT	2.9	NT	6.2	NT	NT	1	NS	NS	NS	ug/L
Total Haloacetic Acids (5)	NT	12.6	NT	16.2	NT	NT	NS	60	NS	NS	ug/L
Bromodichloromethane	NT	5.8	NT	23	NT	NT	1	NS	NS	NS	ug/L
Bromoform	NT	2.2	NT	3.7	NT	NT	1	NS	NS	NS	ug/L
Chloroform	NT	6.4	NT	13	NT	NT	1	NS	NS	NS	ug/L
Dibromochloromethane	NT	6.8	NT	21	NT	NT	1	NS	NS	NS	ug/L
Total Trihalomethanes	NT	21	NT	61	NT	NT	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	35	1	30	1	NT	NT	NS	NS	15	NS	Color Unit
Chloride	41	45	46	51	NT	NT	NS	NS	500	NS	mg/L
Conductivity	430	497	440	502	NT	NT	NS	NS	1600	NS	umhos/cm @ 25C
Copper	ND	ND	ND	ND	NT	NT	50	NS	1000	NS	ug/L
Iron	320	<20	180	<20	NT	NT	NS	NS	300	NS	ug/L
Manganese	26.0	4.0	22.0	<1	NT	NT	NS	NS	50	500	ug/L
pH	8.0	7.6	7.8	7.6	NT	NT	NS	NS	NS	NS	pH units
Silver	<1	<1	<1	<1	NT	NT	NS	NS	100	NS	ug/L
Sulfate	43.0	75.3	39.0	70.5	NT	NT	NS	NS	500	NS	mg/L
Total Dissolved Solids at 180C	278	316	278	310	NT	NT	NS	NS	1000	NS	mg/L
Turbidity	10.83	<0.1	9.12	0.23	NT	NT	NS	NS	5	NS	NTU
Zinc	<10	<10	<10	<10	NT	NT	NS	NS	5000	NS	ug/L



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Valley Water System # 4310027

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

Start: 2/1/2024 End: 2/29/2024

Unregulated - With Notification Level

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Boron	165	165	165	156	NT	NT	NS	NS	NS	1000	ug/L
Chlorate	NT	55	NT	160	NT	NT	NS	NS	NS	800	ug/L
Vanadium	3.0	1.0	2.0	1.0	NT	NT	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 HCO ₃)	124	107	124	114	NT	NT	NS	NS	NS	NS	mg/L
Bromide	0.13	<0.1	0.13	<0.1	NT	NT	NS	NS	NS	NS	mg/L
Calcium	31.2	29.1	29.5	27.5	NT	NT	NS	NS	NS	NS	mg/L
Carbonate (as CO ₃)	<5	<5	<5	<5	NT	NT	NS	NS	NS	NS	mg/L
Hardness	129	127	129	131	NT	NT	NS	NS	NS	NS	mg/L
Hexavalent Chromium	<1	<1	<1	<1	NT	NT	NS	NS	NS	NS	ug/L
Hydroxide (as OH)	<5	<5	<5	<5	NT	NT	NS	NS	NS	NS	mg/L
Lead	ND	ND	ND	ND	NT	NT	5	NS	NS	NS	ug/L
Magnesium	17.8	16.8	17.0	15.8	NT	NT	NS	NS	NS	NS	mg/L
Phosphate, Ortho (as PO ₄)	0.18	1.06	<0.1	1.08	NT	NT	NS	NS	NS	NS	mg/L
Potassium	3.5	3.5	3.6	3.4	NT	NT	NS	NS	NS	NS	mg/L
Silica	13.7	11.7	12.8	10.3	NT	NT	NS	NS	NS	NS	mg/L
Sodium	38.2	49.6	41.1	48.4	NT	NT	NS	NS	NS	NS	mg/L
Temperature	14.0	13.8	13.1	14.2	NT	NT	NS	NS	NS	NS	Deg C
Total Alkalinity (as CaCO ₃)	102	87	102	94	NT	NT	NS	NS	NS	NS	mg/L
Total Organic Carbon	3.97	1.90	3.70	1.90	NT	NT	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

NT = Not Reported

NS = No Standard

NT = Not Tested