





## Valley Water System # 4310027

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

Start: 5/1/2025    End: 5/31/2025

### 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	110	ND	68	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	1.39	NT	NT	NT	1.08	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	0.63	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	ND	0.45	0.47	0.50	0.53	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	1.3	NT	3.3	NT	3.7	1	NS	NS	NS	ug/L
Dichloroacetic Acid	NT	8.3	NT	6.4	NT	ND	1	NS	NS	NS	ug/L
Monobromoacetic Acid	NT	ND	NT	1.1	NT	ND	1	NS	NS	NS	ug/L
Monochloroacetic Acid	NT	2.5	NT	2.5	NT	ND	2	NS	NS	NS	ug/L
Trichloroacetic Acid	NT	4.9	NT	5.4	NT	ND	1	NS	NS	NS	ug/L
Total Haloacetic Acids (5)	NT	17.0	NT	18.8	NT	3.7	NS	60	NS	NS	ug/L
Bromodichloromethane	NT	6.6	NT	13	NT	5.0	1	NS	NS	NS	ug/L
Bromoform	NT	ND	NT	1.6	NT	3.1	1	NS	NS	NS	ug/L
Chloroform	NT	15	NT	9.3	NT	2.9	1	NS	NS	NS	ug/L
Dibromochloromethane	NT	4.2	NT	11	NT	6.2	1	NS	NS	NS	ug/L
Total Trihalomethanes	NT	25	NT	35	NT	17	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	25	<1	20	<1	10	<1	NS	NS	15	NS	Color Unit
Chloride	39	43	51	54	58	61	NS	NS	500	NS	mg/L
Conductivity	385	432	402	467	415	448	NS	NS	1600	NS	umhos/cm @ 25C
Copper	ND	ND	ND	ND	ND	ND	50	NS	1000	NS	ug/L
Iron	140	<20	97	<20	63	<20	NS	NS	300	NS	ug/L
Manganese	19.0	8.0	12.0	<1	7.0	<1	NS	NS	50	500	ug/L
pH	8.1	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	36.1	53.7	34.1	58.4	33.4	45.0	NS	NS	500	NS	mg/L
Total Dissolved Solids at 180C	232	258	228	264	238	256	NS	NS	1000	NS	mg/L
Zinc	<10	<10	<10	<10	<10	<10	NS	NS	5000	NS	ug/L



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

Valley Water  
Care Water • Health Environment • Food Protection

Start: 5/1/2025 End: 5/31/2025

### Unregulated - With Notification Level

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Boron	146	149	143	143	139	132	NS	NS	NS	1000	ug/L
Chlorate	NT	110	NT	75	NT	83	NS	NS	NS	800	ug/L
Vanadium	2.0	1.0	2.0	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)	115	105	100	99	93	84	NS	NS	NS	NS	mg/L
Bromide	<0.1	<0.1	0.15	<0.1	0.17	<0.1	NS	NS	NS	NS	mg/L
Calcium	33.5	34.0	26.4	28.2	21.9	20.7	NS	NS	NS	NS	mg/L
Carbonate (as CO3)	<20	<20	<20	<20	<20	<20	NS	NS	NS	NS	mg/L
Hardness	166	169	129	139	106	100	NS	NS	NS	NS	mg/L
Hydroxide (as OH)	<20	<20	<20	<20	<20	<20	NS	NS	NS	NS	mg/L
Lead	ND	ND	ND	ND	ND	ND	5	NS	NS	NS	ug/L
Magnesium	20.0	20.4	15.4	16.6	12.4	11.7	NS	NS	NS	NS	mg/L
Phosphate, Ortho (as PO4)	0.14	1.05	0.25	1.10	0.26	1.04	NS	NS	NS	NS	mg/L
Potassium	2.2	2.2	2.6	2.6	3.2	3.0	NS	NS	NS	NS	mg/L
Silica	9.9	9.4	11.6	11.0	14.5	13.3	NS	NS	NS	NS	mg/L
Sodium	20.7	29.8	33.4	44.5	47.1	51.3	NS	NS	NS	NS	mg/L
Temperature	18.4	18.8	16.6	18.1	16.6	18.8	NS	NS	NS	NS	Deg C
Total Alkalinity (as CaCO3)	94	86	82	81	76	69	NS	NS	NS	NS	mg/L
Total Organic Carbon	3.53	1.90	3.40	1.77	2.97	1.30	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