



Valley Water System # 4310027

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

Start: 6/1/2025 End: 6/30/2025

Valley Water
Care. Water. Healthy Environment. Trust. Progress.

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	650	ND	760	ND	970	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	1.78	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	0.75	ND	ND	ND	0.72	0.1	2	NS	NS	mg/L
Hexavalent Chromium	ND	0.111	ND	0.109	0.101	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	ND	ND	ND	0.52	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	2.0	NT	2.8	NT	2.2	1	NS	NS	NS	ug/L
Dichloroacetic Acid	NT	6.9	NT	14.2	NT	1.5	1	NS	NS	NS	ug/L
Monobromoacetic Acid	NT	ND	NT	2.0	NT	ND	1	NS	NS	NS	ug/L
Monochloroacetic Acid	NT	2.0	NT	2.6	NT	ND	2	NS	NS	NS	ug/L
Trichloroacetic Acid	NT	5.1	NT	9.0	NT	ND	1	NS	NS	NS	ug/L
Total Haloacetic Acids (5)	NT	16.0	NT	30.6	NT	3.7	NS	60	NS	NS	ug/L
Bromodichloromethane	NT	10	NT	17	NT	8.2	1	NS	NS	NS	ug/L
Bromoform	NT	1.1	NT	1.0	NT	3.5	1	NS	NS	NS	ug/L
Chloroform	NT	14	NT	20	NT	4.9	1	NS	NS	NS	ug/L
Dibromochloromethane	NT	7.0	NT	9.1	NT	8.5	1	NS	NS	NS	ug/L
Total Trihalomethanes	NT	33	NT	47	NT	25	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	2	45	2	55	5	NS	NS	15	NS	Color Unit
Chloride	24	28	37	40	52	62	NS	NS	500	NS	mg/L
Conductivity	242	287	311	362	386	449	NS	NS	1600	NS	umhos/cm @ 25C
Copper	ND	ND	ND	ND	ND	ND	50	NS	1000	NS	ug/L
Iron	660	<20	790	<20	1000	<20	NS	NS	300	NS	ug/L
Manganese	38.0	3.0	42.0	<1	56.0	<1	NS	NS	50	500	ug/L
pH	8.0	7.7	7.9	7.6	7.8	7.6	NS	NS	NS	NS	pH units
Silver	<1	<1	<1	<1	<1	<1	NS	NS	100	NS	ug/L
Sulfate	18.3	34.6	24.6	49.1	32.1	47.0	NS	NS	500	NS	mg/L
Total Dissolved Solids at 180C	176	198	176	208	184	266	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: 6/1/2025 End: 6/30/2025

Unregulated - With Notification Level

	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated	DLR	MCL	2nd MCL	NL	Units
Boron	115	122	120	126	130	137	NS	NS	NS	1000	ug/L
Chlorate	NT	140	NT	76	NT	130	NS	NS	NS	800	ug/L
Vanadium	5.0	3.0	5.0	2.0	5.0	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)	78	72	85	78	92	87	NS	NS	NS	NS	mg/L
Bromide	<0.1	<0.1	<0.1	<0.1	0.12	0.10	NS	NS	NS	NS	mg/L
Calcium	17.0	17.3	17.2	17.3	18.2	20.9	NS	NS	NS	NS	mg/L
Carbonate (as CO3)	<20	<20	<20	<20	<20	<20	NS	NS	NS	NS	mg/L
Hardness	81	82	82	82	87	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	9.3	9.4	9.5	9.4	10.0	11.7	NS	NS	NS	NS	mg/L
Phosphate, Ortho (as PO4)	0.23	1.05	0.24	1.07	0.23	0.99	NS	NS	NS	NS	mg/L
Potassium	1.8	1.8	1.9	1.8	2.0	2.9	NS	NS	NS	NS	mg/L
Silica	11.1	7.7	11.7	7.3	13.7	13.0	NS	NS	NS	NS	mg/L
Sodium	28.4	38.8	29.2	41.3	31.8	52.2	NS	NS	NS	NS	mg/L
Temperature	21.6	22.1	20.2	21.1	18.8	21.0	NS	NS	NS	NS	Deg C
Total Alkalinity (as CaCO3)	64	59	69	64	75	72	NS	NS	NS	NS	mg/L
Total Organic Carbon	3.73	1.67	3.33	1.80	3.33	1.00	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