



Valley Water System # 4310027

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

Start: 06/01/2020 End: 06/30/2020

Primary Standards - Mandatory Health-Related Standards

	Units	MCL	DLR	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated
Chlorine (Total) by DPD	mg/L	NS	NS	NT	3.6	NT	2.6	NT	3.4
Aluminum (Al)	mg/L	1	0.05	0.07	ND	0.07	ND	ND	ND
Antimony (Sb)	mg/L	0.006	0.006	ND	ND	ND	ND	ND	ND
Arsenic (As)	mg/L	0.01	0.002	0.003	ND	0.003	ND	ND	ND
Barium (Ba)	mg/L	1	0.1	ND	ND	ND	ND	ND	ND
Beryllium (Be)	mg/L	0.004	0.001	ND	ND	ND	ND	ND	ND
Bromate (BrO3)	mg/L	0.01	0.001	NT	0.005	NT	NT	NT	0.001
Cadmium (Cd)	mg/L	0.005	0.001	ND	ND	ND	ND	ND	ND
Chromium, Total (Cr)	mg/L	0.05	0.01	ND	ND	ND	ND	ND	ND
Fluoride (F)	mg/L	2	0.1	ND	0.8	ND	ND	ND	0.7
Mercury (Hg)	mg/L	0.002	0.001	ND	ND	ND	ND	ND	ND
Nickel (Ni)	mg/L	0.1	0.01	ND	ND	ND	ND	ND	ND
Nitrate (as N)	mg/L	10	0.4	ND	ND	ND	ND	0.6	0.6
Nitrite (as N)	mg/L	1	0.4	ND	ND	ND	ND	ND	ND
Selenium (Se)	mg/L	0.05	0.005	ND	ND	ND	ND	ND	ND
Thallium (Tl)	mg/L	0.002	0.001	ND	ND	ND	ND	ND	ND
Dibromoacetic Acid (HAA-DBAA)	ug/L	NS	1.0	NT	2.6	NT	3.1	NT	2.5
Dichloroacetic Acid (HAA-DCAA)	ug/L	NS	1.0	NT	3.7	NT	4.6	NT	ND
Monobromoacetic Acid (HAA-MBAA)	ug/L	NS	1.0	NT	ND	NT	ND	NT	ND
Monochloroacetic Acid (HAA-MCAA)	ug/L	NS	2.0	NT	ND	NT	ND	NT	ND
Trichloroacetic Acid (HAA-TCAA)	ug/L	NS	1.0	NT	1.8	NT	4.0	NT	ND
Total Haloacetic Acids (HAA5)	ug/L	60	NS	NT	8	NT	12	NT	2
Bromodichloromethane (THM)	ug/L	NS	1.0	NT	8.9	NT	18.4	NT	6.7
Bromoform (THM)	ug/L	NS	1.0	NT	3.4	NT	3.7	NT	7.4
Chloroform (THM)	ug/L	NS	1.0	NT	7.7	NT	9.6	NT	2.3
Dibromochloromethane (THM)	ug/L	NS	1.0	NT	11.0	NT	19.2	NT	11.0
Total Trihalomethanes (THM)	ug/L	80	NS	NT	31	NT	51	NT	27
Heterotrophic Plate Count	CFU/ml	NS	NS	7194	<1	4373	4	1475	12

Secondary Standards - Aesthetic Standards

	Units	MCL	DLR	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated
Apparent Color	Color Units	15	NS	59	<2.5	50	3	23	<2.5
Chloride (Cl)	mg/L	500	NS	48	52	51	56	64	67
Copper (Cu)	mg/L	1	0.05	ND	ND	ND	ND	ND	ND
Iron (Fe)	mg/L	0.3	0.1	ND	ND	ND	ND	ND	ND
Manganese (Mn)	mg/L	0.05	0.02	0.03	ND	0.02	ND	ND	ND
pH	pH units	NS	NS	8.4	7.8	8.5	7.7	7.8	7.9
Silver (Ag)	mg/L	0.1	0.01	ND	ND	ND	ND	ND	ND
Specific Conductance (E.C.)	umhos/cm	2200	NS	395	453	405	468	457	502
Sulfate (as SO4)	mg/L	600	0.5	36.8	60.8	37.3	64.4	37.6	52.9
Total Dissolved Solids	mg/L	1500	NS	246	266	266	308	284	312
Zinc (Zn)	mg/L	5	0.05	ND	ND	ND	ND	ND	ND



Valley Water System # 4310027

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

Valley Water

Start: 06/01/2020 End: 06/30/2020

Clear Water • Healthy Environment • Food Protection

Additional Constituents Analyzed

	Units	MCL	DLR	PWTP Influent	PWTP Treated	RWTP Influent	RWTP Treated	STWTP Influent	STWTP Treated
Ammonia, Total (as NH3-N)	mg/L	NS	NS	<0.05	0.74	<0.05	0.53	<0.05	0.75
Boron (B)	mg/L	NS	0.1	0.2	0.2	0.2	0.2	0.1	0.1
Bromide (Br)	mg/L	NS	NS	0.16	<0.1	0.17	<0.1	0.20	0.13
Calcium (Ca)	mg/L	NS	NS	21	22	21	21	20	20
Chlorate (ClO3)	mg/L	NS	0.02	NT	0.21	NT	0.10	NT	0.19
Chromium, Hexavalent (Cr+6)	mg/L	NS	0.001	ND	ND	ND	ND	ND	ND
Hardness (as CaCO3)	mg/L	NS	NS	95	96	95	97	99	98
Lead (Pb)	mg/L	0.015	0.005	ND	ND	ND	ND	ND	ND
Magnesium (Mg)	mg/L	NS	NS	12	12	12	12	12	11
Phosphate (PO4)	mg/L	NS	NS	0.35	1.12	0.37	1.14	0.27	1.13
Potassium (K)	mg/L	NS	NS	2.2	2.3	2.5	2.4	3.2	3.1
Sodium (Na)	mg/L	NS	NS	43	54	46	53	47	54
Temperature	Deg. C	NS	NS	22	22	20	20	18	21
Total Alkalinity (as CaCO3)	mg/L	NS	NS	77	69	73	67	74	73
Total Organic Carbon	mg/L	NS	0.30	4.70	2.37	4.20	2.37	3.27	2.00
Vanadium (V)	mg/L	NS	0.003	0.005	0.004	0.005	ND	ND	ND

MCL = Maximum Contaminant Level
DLR = Detection Limit for Reporting
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
NT = Not Tested
NS = No Standard
NR = Not Reported

For questions about this report, or for additional water quality information, call (408) 630-2268.

Surjit Saini
Laboratory Manager
Laboratory Services Unit

07/08/2020

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM
COLIFORM MONITORING

System Name: Santa Clara Valley Water District	System Number: 4310027
Sampling Period: June	2020
Month:	Year:

	Minimum Number Required	Number Collected	Number Total Coliform Positives	Number Total Fecal/E.Coli Positives
1. ROUTINE SAMPLES (see note 1) :	340	404	0	0
2. REPEAT SAMPLES FOLLOWING ROUTINE SAMPLES THAT ARE TOTAL COLIFORM POSITIVE AND FECAL/E. COLI NEGATIVE (see notes 5 and 6)		0	0	
3. REPEAT SAMPLES FOLLOWING ROUTINE SAMPLES THAT ARE TOTAL COLIFORM POSITIVE AND FECAL/E. COLI POSITIVE (see notes 5 and 6) :		0	0	0
4. MCL COMPUTATION FOR TOTAL COLIFORM POSITIVE SAMPLES :				
a. Totals (sum of columns) :		404	0	
b. If 40 or more samples are collected in the month, determine percent of samples that are T. Coli positive ([total number positive/total number collected] X 100) :			0.00 %	
c. Is system in compliance... ..with Fecal/E. Coli MCL (see notes 2 and 3)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
...with monthly MCL (see note 4)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
5. 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.				

6. SUMMARY COMPLETED BY:

Signature: 	Title: Surjit Saini Laboratory Manager	Date: 7/2/2020
---	---	--------------------------

NOTES AND INSTRUCTIONS:

- Routine samples include:
 - Samples required per 22 CCR, Section 64423;
 - Extra samples required for systems collecting less than 5 routine samples per month that had one or more Total Coliform positives in previous month;
 - Extra samples for systems with high source water turbidities that are using surface water or groundwater under the direct influence of surface water and do not practice filtration in compliance with the regulations.
- Note: For a repeat sample following a Total Coliform positive sample, any Fecal/E.Coli positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22 CCR, Section 64426.1).
- Note: For a repeat sample following a Fecal/E. Coli positive sample, any Total Coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22 CCR, Section 64426.1).
- Total Coliform MCL (**Notify Department within 24 hours of MCL violation**).
- Positive results and their associated repeat samples must be tracked on the worksheet on the other side.
- For systems collecting more than one routine sample per month, three repeat samples must be collected for each Total Coliform positive sample. For systems collecting one or less routine samples per month, four repeat samples must be collected for each Total Coliform positive sample. Repeat samples must be collected within 24 hours of being notified of the positive result.