

**PRIMARY DRINKING WATER STANDARDS — Public Health-Related Standards**

Parameter	Unit	MCL	PHG	Evergreen (Valley Water Treated Water)		Evergreen (Groundwater)		Edenvale* (Groundwater)		Coyote Valley** (Groundwater)		North San José/ Aiviso (SFPUC Treated Water)		North San José/ Aiviso (Groundwater)		Typical Source
		(MRDL) [AL]	(MCLG) [MRDLG]	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	
<b>INORGANIC CHEMICALS</b>																
Barium	ppm	1	2	ND	ND	0.2	0.1 - 0.2	0.1	0.1 - 0.2	0.1	ND - 0.1	ND	ND	0.2	0.2 - 0.2	1
Fluoride	ppm	2	1	0.8	0.2 - 0.9	0.2	0.1 - 0.2	0.2	0.2 - 0.2	0.1	0.1 - 0.1	0.6	0.4 - 2.6	ND	ND	1, 2
Nitrate (as N)	ppm	10	10	1.1	ND - 1.4	2.3	2.1 - 2.6	2.2	1.5 - 2.9	0.7	0.7 - 0.7	ND	ND - 0.6	1.8	0.6 - 3.0	1, 3
Selenium	ppb	50	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND - 5	6
<b>ORGANIC CHEMICALS</b>																
Total Trihalomethanes <sup>b</sup>	ppb	80	NS	49	23 - 61	NA	NA	NA	NA	NA	NA	63	21 - 102	NA	NA	4
Total Haloacetic Acids <sup>b</sup>	ppb	60	NS	15	1 - 29	NA	NA	NA	NA	NA	NA	46	19 - 62	NA	NA	4
Total Organic Carbon	ppm	TT	NS	1.8	1.3 - 2.6	NA	NA	NA	NA	NA	NA	1.5	1.2 - 1.8	NA	NA	14
<b>RADIONUCLIDES</b>																
Gross Alpha Particle Activity	pCi/L	15	0	3.3	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
<b>DISINFECTION</b>																
Bromate	ppb	10	0.1	ND	ND - 2.6	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	4
Chloramine (as chlorine) <sup>a</sup>	ppm	(4)	[4]	1.8	0.01 - 3.3	NA	NA	NA	NA - 2.2*	NA	NA - 2.6*	3.2	0.04 - 3.7	NA	NA	5
<b>MICROBIOLOGICAL</b>																
<i>Giardia lamblia</i>	cyst/L	TT	(0)	ND	ND	NA	NA	NA	NA	NA	NA	0.03	0 - 0.13	NA	NA	6
				<b>Highest %</b>	<b>Range</b>	<b>Highest %</b>	<b>Range</b>	<b>Highest %</b>	<b>Range</b>	<b>Highest %</b>	<b>Range</b>	<b>Highest %</b>	<b>Range</b>	<b>Highest %</b>	<b>Range</b>	
Total Coliform <sup>a</sup>	TT	(0)		1	0 - 1	1	0 - 1	0	0	0	0	0	0	0	0	6
<b>CLARITY</b>																
Turbidity (unfiltered sources)	NTU	5	NS	NA		NA	NA	NA	NA	NA	NA	Highest Level = 2.0		NA	NA	7
Turbidity (filtered sources)	NTU	1	NS	Highest Level = 0.26 <sup>c</sup>		NA	NA	NA	NA	NA	NA	Highest Level = 0.2 <sup>c</sup>		NA	NA	7
<b>LEAD AND COPPER</b>																
				<b>90th Percentile (# Samples Exceeding AL)</b>												
Lead <sup>d</sup>	ppb	[15]	0.2	ND (0 of 56)								ND (0 of 32)				8
Copper <sup>d</sup>	ppb	[1300]	300	150 (0 of 56)								ND (0 of 32)				8

**SECONDARY DRINKING WATER STANDARDS — Aesthetic Standards**

Parameter	Unit	SMCL	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	
Aluminum	ppb	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND - 82	ND	ND	1, 15
Chloride	ppm	500	59	12 - 64	54	51 - 57	45	42 - 48	40	38 - 41	5	ND - 9	35	31 - 39	9, 10
Color	CU	15	4	1 - 5	2	ND - 5	ND	ND	ND	ND	ND	ND - 5	ND	ND	11
Iron	ppm	0.3	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND - 0.04	ND	ND	1
Manganese	ppb	50	6	4 - 10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND - 22	1
Odor	TON	3	1.7	1.4 - 2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11
Specific Conductance	µS/cm	1600	492	200 - 512	787	750 - 850	660	650 - 670	485	480 - 490	160	32 - 289	630	540 - 720	10, 13
Sulfate	ppm	500	60	37 - 71	63	61 - 66	49	48 - 50	38	37 - 39	19	1.2 - 36	66	56 - 75	9, 12
Total Dissolved Solids	ppm	1000	286	118 - 294	480	450 - 520	397	390 - 410	320	320 - 320	77	ND - 153	410	370 - 450	9
Turbidity	NTU	5	0.04	0.01 - 0.3	0.1	ND - 0.2	ND	ND	ND	ND	0.3	0.1 - 0.6	ND	ND	7

**OTHER WATER QUALITY PARAMETERS**

Parameter	Unit	MCL	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Boron	ppb	NS	151	ND - 168	NA	NA	NA	NA	NA	NA	43	22 - 65	NA	NA
Calcium	ppm	NS	23	9 - 25	64	61 - 66	52	47 - 59	45	43 - 47	13	3 - 24	86	72 - 100
Chlorate	ppb	NS	172	72 - 265	NA	NA	NA	NA	NA	NA	168	30 - 749	NA	NA
Hardness (as CaCO <sub>3</sub> ) <sup>e</sup>	ppm	NS	108	37 - 117	407	389 - 428	331	323 - 339	252	249 - 255	47	8 - 86	337	263 - 410
Magnesium	ppm	NS	12	4 - 13	60	55 - 67	49	43 - 52	34	33 - 34	4.3	0.2 - 8.4	28	19 - 36
Perfluoro-1-hexanesulfonic acid (PFHxS)	ppt	NS	NA	NA	ND	ND - 3.1	NA	NA	NA	NA	NA	NA	ND	ND
pH	-	NS	7.8	7.5 - 8.0	7.8	7.8 - 7.9	7.9	7.8 - 8.1	7.9	7.8 - 7.9	9.3	8.4 - 9.8	7.9	7.8 - 8.0
Potassium	ppm	NS	3.8	1.4 - 4.2	1.3	1.1 - 1.4	0.7	ND - 1.1	1.2	1.1 - 1.2	1	0.3 - 1.7	1.6	1.4 - 1.8
Silica	ppm	NS	14	10 - 15	NA	NA	NA	NA	NA	NA	7	5 - 9	NA	NA
Sodium	ppm	NS	52	21 - 57	42	41 - 42	31	30 - 31	22	20 - 23	11	3 - 19	39	36 - 42
Strontium	ppb	NS	ND	ND	NA	NA	NA	NA	NA	NA	173	14 - 331	NA	NA
Total Alkalinity (as CaCO <sub>3</sub> )	ppm	NS	72	35 - 79	337	320 - 350	253	250 - 260	180	180 - 180	44	3 - 103	260	220 - 300
Vanadium	ppb	NS	2	1 - 3	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA

**UCMR5<sup>a</sup>**

Parameter	Unit	MCL	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Lithium	ppb	NS	ND	ND	13	11 - 14	ND	ND - 11	11	10 - 11	ND	ND	ND	ND - 9

\* Valley Water treated surface water was delivered to the Edenvale distribution system during May and December 2023. Refer to the Evergreen treated water data column in this table for details on the quality of that water supply.  
 \*\* Temporary chlorination was performed during May and November 2023 for maintenance purposes. No chlorine was present in the service area during the remainder of the year

**NOTES:**

- a** Distribution system data in 2023.
- b** Distribution system data in 2023. Running averages are calculated from data for previous quarters that are not shown in this table.
- c** Filtered water turbidity required to be < 0.3 NTU in 95% of samples. All filtered water sources met this standard.
- d** Distribution system customer data from 2021.
- e** Distribution system customer data from 2021.
- f** To convert hardness from ppm to grains per gallon, divide by 17.1.

**TYPICAL SOURCES IN DRINKING WATER:**

- 1** Erosion of natural deposits
- 2** Water additive that promotes strong teeth
- 3** Runoff/leaching from fertilizers
- 4** By-product of drinking water disinfection
- 5** Added for disinfection
- 6** Naturally present in the environment
- 7** Soil runoff
- 8** Internal corrosion of household plumbing systems
- 9** Runoff/leaching of natural deposits
- 10** Seawater influence
- 11** Naturally occurring organic material
- 12** Industrial waste
- 13** Substances forming ions in water
- 14** Various natural and human-made sources
- 15** Residue from some surface water processing

**See back panel for definitions and abbreviations used in this table.**