

Main Water System - Source Water Quality								
Primary Standards - Health Based (units)	Primary	MCL	PHG (MCLG)	Highest Single Measurement	Lowest Monthly Percentage of Samples Meeting Limits	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Turbidity - Highest single measurement of the Treated Surface Water (NTU)	TT = 1.0		NA	0.15	NA	No	2020	Soil runoff
Turbidity - Lowest Monthly % of the Treated Surface Water Meeting NTU Requirements	TT = 95% of samples ≤ 0.3 NTU		NA	NA	100%	No	2020	Soil runoff
Microbiological (units)	Primary	MCL	PHG (MCLG)	Range of Detection	Average Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Cryptosporidium (Oocysts/L)	TT		(0)	0-4.0	0	No	2020	Naturally present in the environment
Secondary Standards - Aesthetic (units)	Secondary	MCL	PHG (MCLG)	Range of Detection	Average Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Chloride (mg/L)	500		NA	3-6	5	No	2020	Runoff/leaching from natural deposits; seawater influence
Corrosivity (A.I.)	Non-corrosive		NA	9.6-10.2	9.8	No	2020	Natural or industrially-influenced balance of hydrogen, carbon and oxygen in the water; affected by temperature and other factors
Specific Conductance (µmhos/cm)	1600		NA	51-94	68	No	2020	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	500		NA	0.5-2.6	1.2	No	2020	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	1000		NA	34-58	44	No	2020	Runoff/leaching from natural deposits
Turbidity (NTU)	5		NA	0.44-2.0	1.01	No	2020	Soil runoff
Other Parameters (units)	Notification Level		PHG (MCLG)	Range of Detection	Average Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Alkalinity (mg/L)	Unregulated		NA	16-33	23	NA	2020	No Known Typical Source of Constituent
Bicarbonate (mg/L)	Unregulated		NA	20-40	28	NA	2020	
Calcium (mg/L)	Unregulated		NA	3-7	4	NA	2020	
Hardness as CaCO3 (mg/L)	Unregulated		NA	10-29	17	NA	2020	
Hardness as CaCO3 (grains/gal)	Unregulated		NA	0.58-1.70	0.99	NA	2020	
Magnesium (mg/L)	Unregulated		NA	0.5-3.0	1.5	NA	2020	
pH (pH units)	Unregulated		NA	7.62-7.95	7.83	NA	2020	
Sodium (mg/L)	Unregulated		NA	5.1-6.4	5.8	NA	2020	
Disinfection Byproduct Precursors (units)	Action Level		PHG (MRDLG)	Range of Detection	Lowest RAA Quarterly Average	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Total Organic Carbon [TOC] Filtered water (µg/L)	TT= Removal		NA	790-1300	NA	NA	2020	Various natural and manmade sources
Total Organic Carbon [TOC] Removal Ratio (Actual/Required)	TT=>1.0		NA	NA	1.0	No	2020	Various natural and manmade sources
Federal Unregulated Contaminant Monitoring Rule 4 (UCMR4)	Primary MCL (MRDL) [SMCL]		PHG (MRDLG)	Range of Detection	Average Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Total Organic Carbon [TOC] Source water (µg/L)	Unregulated		NA	1100-2500	1442	NA	2019	Various natural and manmade sources
Manganese (µg/L)	[50], NL=500		NA	0-9	4	NA	2019	Leaching from natural deposits

KEY

NA=not applicable

ND=not detected

NR=not reportable

NTU=nephelometric turbidity unit (measure of clarity)

mg/L=milligrams/liter

µg/L=micrograms/liter

µmho/cm=micromhos per

centimeter

Units		Equivalence
mg/L – milligrams per liter	ppm – parts per million	1 second in 11.5 days
µg/L – micrograms per liter	ppb – parts per billion	1 second in nearly 32 years
ng/L – nanograms per liter	ppt – parts per trillion	1 second in nearly 32,000 years
pg/L – picograms per liter	ppq – parts per quadrillion	1 second in nearly 32,000,000 years

Main Water System - Distribution System Water Quality

Microbiological Constituents (units)	Primary MCL	PHG (MCLG)	Value		MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Total Coliform Bacteria > 40 Samples/Month (Present / Absent)	No more than 5% positive monthly sample	(0)	Highest number of monthly samples positive was 1%		No	2020	Naturally present in the environment
Disinfection Byproducts and Disinfectant Residuals (units)	Primary MCL (MRDL)	PHG (MRDLG)	Range of Detection	Highest Running Annual Average (RAA)	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Chlorine [as Cl ₂] (mg/L)	(4.0)	(4)	0.65-0.86	0.75	No	2020	Drinking water disinfectant added for treatment
HAA5 [Total of five Haloacetic Acids] (µg/L)	60	NA	26-62	49 ¹	No	2020	Byproduct of drinking water disinfection
TTHMs [Total of four Trihalomethanes] (µg/L)	80	NA	19-62	59 ¹	No	2020	Byproduct of drinking water chlorination
Federal Unregulated Contaminant Monitoring Rule 4 (UCMR4)	Primary MCL (MRDL)	PHG (MRDLG)	Range of Detection	Average Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent
Bromochloroacetic acid (BCAA)(µg/L)	Unregulated	NA	ND-0.76	0.37	NA	2019	Byproduct of drinking water disinfection
Bromodichloroacetic acid (BDCAA) (µg/L)	Unregulated	NA	ND-1.4	0.90	NA	2019	Byproduct of drinking water disinfection
Dibromoacetic acid (DBAA)(µg/L)	Unregulated	NA	ND-0.4	0.01	NA	2019	Byproduct of drinking water disinfection
Dichloroacetic acid (DCAA)(µg/L)	Unregulated	NA	ND-18	9	NA	2019	Byproduct of drinking water disinfection
Monochloroacetic acid (MCAA)(µg/L)	Unregulated	NA	ND-29	3	NA	2019	Byproduct of drinking water disinfection
Trichloroacetic acid (TCAA)(µg/L)	Unregulated	NA	ND-39	23	NA	2019	Byproduct of drinking water disinfection

Inorganic Constituents (units)	Action	Level	PHG (MCLG)	Sample Data	90th % Level	MCL Violation?	Most Recent Sampling Date	Typical Source of Constituent	Number of Schools Requesting Lead Sampling
Copper (mg/L)[at the tap]		1.3	0.3	None of the 57 samples collected exceeded the action level	0.17	No	2020	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	NA
Lead (µg/L)[at the tap]		15	0.2	None of the 57 samples collected exceeded the action level	ND	No	2020	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	35 ²

¹ Highest Locational Running Annual Average (LRAA).

² Thirty-five public K-12 schools were tested between 2017-2019.

Questions?

For more information from EID about this report, contact the Drinking Water Division Operations Manager, at 530-642-4060.

For information from the State Water Resources Control Board, Division of Drinking Water, contact Ali Rezvani, Sacramento District Engineer, at 916-445-5285.

Safe Drinking Water Hotline: 1-800-426-4791

Get Involved

The El Dorado Irrigation District Board of Directors meetings are open to the public and are held on the second and fourth Mondays of each month. Meetings begin at 9:00 A.M. in the Placerville headquarters building at 2890 Mosquito Road. Go to the District website at www.eid.org to learn more.

The information provided in this report is required by law to be issued to every water user. Property owners: please share this information with your tenants.



Jenkinson Lake at Sly Park Recreation Area in
Pollock Pines



In accordance with the Americans with Disabilities Act and California law, it is the policy of the El Dorado Irrigation District to offer its public programs, services and meetings in a manner that is readily accessible to everyone, including individuals with disabilities. If you are a person with a disability and require information or materials in an appropriate alternative format; or if you require any other accommodation, please contact the ADA Coordinator at the number or address below at least 72 hours prior to the meeting or when you desire

to receive services. Advance notification within this guideline will enable the District to make reasonable arrangements to ensure accessibility. The District ADA Coordinator can be reached by phone at (530) 642-4045 or e-mail at adacoordinator@eid.org.