

The Metropolitan Water District of Southern California

GENERAL MINERAL AND PHYSICAL ANALYSIS OF METROPOLITAN'S WATER SUPPLIES

TABLE D

April 2026

CONSTITUENTS	UNITS	SOURCE WATERS								TREATMENT PLANT EFFLUENTS				
		LAKE HAVASU	SAN JACINTO TUNNEL	LAKE MATHEWS	CASTAIC LAKE	SILVER- WOOD LAKE	LAKE PERRIS	DIAMOND VALLEY LAKE	LAKE SKINNER	WEY- MOUTH	DIEMER	JENSEN	SKINNER	MILLS
SILICA	mg/L	8.2	7.5	9.3	12.8	10.2	6.4	8.1	8.3	9.4	9.7	12.8	8.3	9.5
CALCIUM	mg/L	75	75	69	32	19	26	24	46	62	60	32	53	19
MAGNESIUM	mg/L	26	26	26	14	10	13	12	19	24	23	14	21	10
SODIUM	mg/L	96	96	96	43	36	52	48	72	94	92	49	87	45
POTASSIUM	mg/L	5.1	5.1	5.1	3.0	2.8	3.5	3.5	4.1	4.8	4.7	3.0	4.5	2.8
ALKALINITY, CARBONATE AS CO ₃	mg/L	0	1	0	0	0	0	6	0	0	0	0	0	2
ALKALINITY, BICARBONATE AS HC	mg/L	168	163	155	116	87	118	92	131	148	142	122	132	82
SULFATE	mg/L	224	222	216	61	35	39	43	124	202	192	66	158	46
CHLORIDE	mg/L	102	102	102	50	44	69	62	85	99	97	53	96	51
NITRATE	mg/L	1.8	1.5	0.7	1.5	2.6	0.1	<0.1	0.4	1.1	1.3	1.6	0.7	3.0
FLUORIDE	mg/L	0.4	0.3	0.3	0.2	<0.1	0.1	0.1	0.2	0.7	0.7	0.6	0.7	0.7
TOTAL DISSOLVED SOLIDS (TDS)	mg/L	622	618	602	276	203	268	253	424	571	551	293	495	230
TOTAL HARDNESS AS CaCO ₃	mg/L	295	294	279	137	90	118	109	183	243	242	137	215	89
TOTAL ALKALINITY AS CaCO ₃	mg/L	138	136	127	95	71	97	85	107	121	116	100	108	71
FREE CARBON DIOXIDE	mg/L	1.7	1.2	2.5	3.4	1.3	1.2	0.2	1.1	1.5	1.4	1.0	1.4	0.3
pH	pH	8.22	8.38	8.02	7.75	8.05	8.21	9.03	8.28	8.22	8.22	8.31	8.18	8.62
SPECIFIC CONDUCTANCE	µS/cm	1010	1010	986	484	372	499	454	729	937	914	513	831	409
COLOR	CU	3	1	5	10	15	1	5	5	2	1	2	1	2
TURBIDITY	NTU	1.6	0.27	1.5	1.0	2.1	0.30	2.0	0.73	0.04	0.04	0.03	0.04	0.05
TEMPERATURE	°C	20	20	20	14	17	16	16	19	18	19	18	23	20
BROMIDE	mg/L	0.08	0.06	0.08	0.15	0.12	0.21	0.19	0.14	--	--	--	--	--
TOTAL ORGANIC CARBON	mg/L	3.26	3.36	3.48	3.30	5.28	4.04	2.98	3.95	--	--	--	--	--
SATURATION INDEX	--	--	--	--	--	--	--	--	--	0.59	0.61	0.39	0.52	0.38
STATE PROJECT WATER	%	0	0	0	100	100	100	100	47	17	21	100	37	100