

The Metropolitan Water District of Southern California

GENERAL MINERAL AND PHYSICAL ANALYSIS OF METROPOLITAN'S WATER SUPPLIES

TABLE D

May 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	8.0	7.9	8.8	13.0	8.2	7.1	7.4	8.5	8.8	8.9	12.9	8.3	6.9
CALCIUM	mg/L	76	75	66	32	19	25	24	62	67	68	33	68	20
MAGNESIUM	mg/L	26	26	25	14	10	13	12	23	26	26	14	24	10
SODIUM	mg/L	94	96	92	43	36	50	47	86	102	101	49	96	46
POTASSIUM	mg/L	5.0	5.1	4.9	3.0	2.6	3.4	3.6	4.7	5.0	5.0	3.0	4.8	2.6
ALKALINITY, CARBONATE AS CO ₃	mg/L	0	0	0	0	0	0	6	0	0	0	0	0	2
ALKALINITY, BICARBONATE AS HC	mg/L	168	165	157	117	89	116	93	150	152	150	123	146	84
SULFATE	mg/L	219	223	218	63	34	38	43	181	223	224	69	200	43
CHLORIDE	mg/L	99	102	103	51	45	67	62	96	107	106	55	103	51
NITRATE	mg/L	1.5	1.6	0.7	1.6	1.9	0.5	<0.1	0.7	0.6	0.6	1.7	0.8	1.9
FLUORIDE	mg/L	0.3	0.3	0.3	0.2	<0.1	0.1	0.1	0.3	0.7	0.7	0.6	0.8	0.7
TOTAL DISSOLVED SOLIDS (TDS)	mg/L	613	619	597	279	201	262	252	537	616	615	300	579	226
TOTAL HARDNESS AS CaCO ₃	mg/L	293	295	264	137	88	113	115	246	273	275	143	271	87
TOTAL ALKALINITY AS CaCO ₃	mg/L	138	135	129	96	73	95	86	123	125	123	101	120	73
FREE CARBON DIOXIDE	mg/L	1.7	1.4	2.3	4.0	1.2	1.4	0.2	1.3	1.6	1.6	1.3	1.7	0.4
pH	pH	8.21	8.29	8.06	7.69	8.11	8.15	8.91	8.30	8.21	8.20	8.21	8.16	8.62
SPECIFIC CONDUCTANCE	µS/cm	1010	1030	995	488	365	482	456	905	1010	1010	521	947	415
COLOR	CU	--	--	--	--	--	--	--	--	--	--	--	--	--
TURBIDITY	NTU	0.47	0.42	8.7	0.97	1.5	0.50	0.63	1.1	0.04	0.03	0.03	0.03	0.04
TEMPERATURE	°C	20	21	22	14	17	18	17	20	19	20	19	25	23
BROMIDE	mg/L	0.08	0.06	0.08	0.14	0.12	0.21	0.19	0.09	--	--	--	--	--
TOTAL ORGANIC CARBON	mg/L	3.03	2.95	3.46	3.24	4.60	4.05	3.18	3.36	--	--	--	--	--
SATURATION INDEX	--	--	--	--	--	--	--	--	--	0.65	0.66	0.32	0.69	0.48
STATE PROJECT WATER	%	0	0	0	100	100	100	100	16	5	2	100	16	100