

The Metropolitan Water District of Southern California

GENERAL MINERAL AND PHYSICAL ANALYSIS OF METROPOLITAN'S WATER SUPPLIES

TABLE D

July 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	8.3	8.4	8.7	13.4	10.3	6.2	7.9	8.6	9.5	9.5	13.4	9.1	10.4
CALCIUM	mg/L	76	74	67	35	21	26	25	57	53	52	35	57	21
MAGNESIUM	mg/L	26	26	26	15	10	13	12	22	21	21	15	22	10
SODIUM	mg/L	95	96	97	44	44	53	48	82	88	88	51	89	51
POTASSIUM	mg/L	4.9	5.0	5.0	3.1	2.6	3.5	3.5	4.3	4.3	4.3	3.2	4.4	2.6
ALKALINITY, CARBONATE AS CO ₃	mg/L	0	2	0	0	4	5	0	2	0	0	0	0	2
ALKALINITY, BICARBONATE AS HC	mg/L	170	161	152	118	93	123	107	139	132	127	123	133	90
SULFATE	mg/L	214	215	216	68	32	38	41	165	167	167	74	176	43
CHLORIDE	mg/L	99	101	104	51	54	69	61	89	92	91	55	95	61
NITRATE	mg/L	1.6	1.3	0.5	1.9	0.2	<0.1	<0.1	0.1	0.4	0.5	1.9	0.3	0.6
FLUORIDE	mg/L	0.3	0.3	0.3	0.2	<0.1	0.1	0.1	0.2	0.7	0.7	0.7	0.7	0.7
TOTAL DISSOLVED SOLIDS (TDS)	mg/L	610	609	600	291	225	275	252	500	502	498	311	520	247
TOTAL HARDNESS AS CaCO ₃	mg/L	295	291	275	145	95	117	110	234	217	215	147	236	94
TOTAL ALKALINITY AS CaCO ₃	mg/L	139	136	125	97	82	109	88	118	108	104	101	109	78
FREE CARBON DIOXIDE	mg/L	1.8	1.1	2.3	5.4	0.5	0.4	1.0	0.9	1.3	1.3	1.3	1.6	0.4
pH	pH	8.20	8.39	8.04	7.56	8.55	8.72	8.24	8.44	8.23	8.20	8.21	8.14	8.62
SPECIFIC CONDUCTANCE	µS/cm	1010	1010	996	506	409	493	464	849	852	847	540	881	452
COLOR	CU	5	5	5	10	10	10	5	5	1	2	2	3	1
TURBIDITY	NTU	2.1	1.2	6.5	0.61	1.2	1.1	1.1	1.3	0.04	0.04	0.03	0.04	0.05
TEMPERATURE	°C	24	27	25	15	22	23	19	26	24	25	21	30	26
BROMIDE	mg/L	0.08	0.06	0.08	0.15	0.15	0.21	0.18	0.09	--	--	--	--	--
TOTAL ORGANIC CARBON	mg/L	3.11	3.04	3.72	3.40	3.85	4.45	3.73	3.74	--	--	--	--	--
SATURATION INDEX	--	--	--	--	--	--	--	--	--	0.57	0.57	0.37	0.64	0.55
STATE PROJECT WATER	%	0	0	0	100	100	100	100	27	37	36	100	29	100