

Table 3B-2. Mono Lake Mineral Water Quality

Parameter	Unit	LADWP (Median)	Russell	Mason
TDS	g/l	100	53.5 ^a	71 ^a
Alkalinity	g/l as CaCO ₃	39.7	--	--
Hardness	mg/l	194	--	--
Electrical conductivity	mS/cm	80.8	--	--
Calcium	mg/l	4	38	--
Magnesium	mg/l	44	184	79
Sodium	g/l	39.3	37.1	36.8
Potassium	g/l	1.8	1.8	1.8
Sulfate	g/l	13.1	12.6	12.9
Chloride	g/l	23.0	22.8	23.0
Silica	mg/l	28	132	--
Iron	mg/l	0.7	--	0.4
Boron	mg/l	474	84	506
Fluoride	mg/l	65	--	63
Phosphate	mg/l	88	--	79
Arsenic	mg/l	17	--	13
Specific gravity	fraction	1.080	--	--
Bromide	mg/l	--	--	52
Iodide	mg/l	--	--	13
Total organic carbon	mg/l	--	--	62
Strontium	mg/l	--	--	156
Lithium	mg/l	--	--	13
Manganese	mg/l	--	--	.02
Aluminum	mg/l	--	--	.05
Copper	mg/l	--	--	.1
Nickel	mg/l	--	--	.002
Tin	mg/l	--	--	.04
Cobalt	mg/l	--	--	.001
Molybdenum	mg/l	--	--	.001

Note: Concentrations have been adjusted to TDS of 100 g/l.

^a Measured TDS concentrations.

Source: Based on LADWP measurements of lake and evaporation pond samples from 1974 to 1990. Russell (1984) and Mason (1967) analyses are given for comparison.