

PALO ALTO RECYCLED WATER ANALYSIS

Sample Date	1/9/26	2/12/26	3/10/26	4/9/26	5/13/26	6/9/26							
Month	Jan	Feb	Mar	Apr	May	Jun							
Lab Sample ID#	P000040	P000232	P000379	P000567	P000787	P000955							Avg
Alkalinity, ALK	248	170	190	142	112	87							158
Boron, B		0.27			0.19								0.23
Calcium, Ca	81	66	60	54	49	48							60
Chloride, Cl-	229	205	215	191	224	216							213
Conductivity	1,570	1,400	1,370	1,270	1,300	1,250							1,360
Magnesium, Mg	44	36	34	31	29	28							34
Manganese, Mn		29.3			202								116
Molybdenum, Mo	4.2	4.3	3	3.0	3.9	3.3							4
Sodium, Na	167	161	147	135	130	128							145
Nitrate-N (NO3-N)		22			29								26
Nitrite-N (NO2-N)		<0.002			<0.002								<0.002
pH	7.1	7.1	7.3	7.0	7.0	6.9							7.1
Phosphate, PO4	9.3	11.9	10.6	12.1	14.5	13.6							12.0
Sulfate, SO4		91			74								83
TDS	924	836	790	752	738	716	742						785
Hardness as CaCO3		314			258								286
Potassium, K		16			16								16
S.A.R.		4.0			4.1								4.1
Salinity	0.8	0.7	0.7	0.6	0.6	0.6							0.7
Silica, SiO2		16.1			<47								8.1

Report Comments

1. All analyte units are in mg/L, except the following:

- * Manganese and molybdenum: ug/L
- * Salinity: ppt
- * Conductivity: µS/cm
- * pH: SU
- * SAR: ratio of milliequivalents/liter

2. TDS - total dissolved solids

3. S.A.R.- sodium absorption ratio of Na/Ca/Mg ; SAR = sodium ion quantity divided by the square root of the sum of half the calcium ion and half the magnesium ion

4. DNQ = data not quantifiable; these cells are DNQ values (estimated results detected below the RL and above the MDL)

5. "<" cells are ND (non-detect and less than MDL); for purposes of calculating average, the MDL is used.

6. MDL = method detection limit. RL = report limit.