SAWUC: Water sample – WTP – Raw Water Chemistry April 8, 2026. Test Lot ID 1887043

		Sample Description	WTP Raw Water - Untreated / 7.3 °C			
		Sample Matrix	Drinking Water			
Analyte		**Units**	**Result**	**Nominal DL**	**Guideline Limit**	**Guideline Comments**
Metals Extractable						
Aluminum	Extractable	mg/L	0.023	0.001	0.1 OG, 2.9 MAC	Below OG
Antimony	Extractable	mg/L	0.00003	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	<0.0001	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0032	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	<0.002	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	<0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0028	0.0005	1 AO, 2 MAC	Below AO
Lead	Extractable	mg/L	0.00015	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	<0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.074	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	0.0012	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00044	0.00005		
Zinc	Extractable	mg/L	0.0037	0.0005	5.0	Below AO
Metals Total						
Mercury	Total	mg/L	<0.00001	0.00001	0.001	Below MAC
Physical and Aggregate Properties						
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.64	0.1		
Routine Water						
pH			6.91	0.01	7.0-10.5	Below Recommended Range
pH - Holding Time			Exceeded			
Temp. of observed pH		°C	24.9			
Electrical Conductivity	at 25 °C	µS/cm	96	1		
Calcium	Extractable	mg/L	15	0.01		
Iron	Extractable	mg/L	0.029	0.004	0.1	Below AO
Magnesium	Extractable	mg/L	1.8	0.02		
Manganese	Extractable	mg/L	0.001	0.001	0.02 AO, 0.12 MAC	Below AO
Potassium	Extractable	mg/L	0.46	0.04		
Silicon	Extractable	mg/L	5.1	0.005		
Sodium	Extractable	mg/L	2.4	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	45	5		
Chloride	Dissolved	mg/L	0.12	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.19	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.02	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1.0	Below MAC
Sulfate (SO4)	Dissolved	mg/L	4.4	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	44	1		
Total Dissolved Solids	Extractable	mg/L	65	1	500	Below AO