

LocationID	BACKUSLK-W-01	
DateSampled	6/17/2025	
Field Measurements	Temperature, water (°C)	18.3
	pH (none)	7.55
	Turbidity (NTU)	0.5
	Specific Conductance (uS/cm)	361
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	157
	Hardness, Ca, Mg (mg/L)	157
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	208
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	1.07
	Total Kjeldahl Nitrogen (mg/L)	0.17
	Total Nitrogen, mixed forms/Lachat (mg/L)	1.24
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	<0.02
Anions	Bromide (mg/L)	0.12
	Chloride (mg/L)	5.21
	Fluoride (mg/L)	0.22
	Sulfate (mg/L)	3.74
Trace Elements	Dissolved Aluminum (mg/L)	<0.100
	Total Recoverable Aluminum (mg/L)	<0.100
	Dissolved Antimony (ug/L)	<2.00
	Total Recoverable Antimony (ug/L)	<2.00
	Dissolved Arsenic (ug/L)	<1.00
	Total Recoverable Arsenic (ug/L)	<1.00
	Dissolved Barium (ug/L)	15.1
	Total Recoverable Barium (ug/L)	15.7
	Dissolved Beryllium (ug/L)	<1.00
	Total Recoverable Beryllium (ug/L)	<1.00
	Dissolved Cadmium (ug/L)	<0.300
	Total Recoverable Cadmium (ug/L)	<0.300
	Dissolved Calcium (mg/L)	57.6
	Total Recoverable Calcium (mg/L)	63.2
	Dissolved Chromium (ug/L)	<1.00

Metals	Total Recoverable Chromium (ug/L)	<1.00
	Dissolved Cobalt (ug/L)	0.243
	Total Recoverable Cobalt (ug/L)	0.279
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	<0.500
	Dissolved Iron (mg/L)	0.114
	Total Recoverable Iron (mg/L)	0.16
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	<0.500
	Dissolved Magnesium (mg/L)	3.22
	Total Recoverable Magnesium (mg/L)	3.5
	Dissolved Manganese (mg/L)	<0.0200
	Total Recoverable Manganese (mg/L)	<0.0200
	Dissolved Nickel (ug/L)	6.42
	Total Recoverable Nickel (ug/L)	6.99
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	<1.00
	Total Recoverable Potassium (mg/L)	<1.00
	Dissolved Selenium (ug/L)	<5.00
	Total Recoverable Selenium (ug/L)	<5.00
	Dissolved Silver (ug/L)	<0.100
	Total Recoverable Silver (ug/L)	<0.100
	Dissolved Sodium (mg/L)	10.6
	Total Recoverable Sodium (mg/L)	11.9
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	<0.200
	Total Recoverable Vanadium (ug/L)	<0.200
	Dissolved Zinc (ug/L)	966
	Total Recoverable Zinc (ug/L)	1030

