

LocationID	GSIM-W01U	
DateSampled	8/19/2025	
Field Measurements	Temperature, water (°C)	22.2
	pH (none)	8.45
	Turbidity (NTU)	0.65
	Specific Conductance (uS/cm)	566
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	271
	Hardness, Ca, Mg (mg/L)	45.4
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	336
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	0.127
	Nitrate + Nitrite (mg/L)	<0.05
	Total Kjeldahl Nitrogen (mg/L)	<0.10
	Total Nitrogen, mixed forms/Lachat (mg/L)	0.1
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	<0.02
Anions	Bromide (mg/L)	0.15
	Chloride (mg/L)	10.4
	Fluoride (mg/L)	3.52
	Sulfate (mg/L)	7.06
	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)	8.26
	Total Recoverable Barium (ug/L)	8.63
	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)	13.1
	Total Recoverable Calcium (mg/L)	14.4
	Dissolved Chromium (ug/L)	<1.00

Metals	Total Recoverable Chromium (ug/L)	<1.00
	Dissolved Cobalt (ug/L)	0.154
	Total Recoverable Cobalt (ug/L)	0.165
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	<0.500
	Dissolved Iron (mg/L)	<0.100
	Total Recoverable Iron (mg/L)	<0.100
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	<0.500
	Dissolved Magnesium (mg/L)	3.05
	Total Recoverable Magnesium (mg/L)	3.38
	Dissolved Manganese (mg/L)	<0.0200
	Total Recoverable Manganese (mg/L)	<0.0200
	Dissolved Nickel (ug/L)	3.89
	Total Recoverable Nickel (ug/L)	4.04
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	2.44
	Total Recoverable Potassium (mg/L)	2.65
	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)	105
	Total Recoverable Sodium (mg/L)	117
	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)	<5.00
	Total Recoverable Zinc (ug/L)	5.03

