

LocationID	GSIM-SPR01	
DateSampled	8/19/2025	
Field Measurements	Temperature, water (°C)	22
	pH (none)	6.74
	Turbidity (NTU)	150
	Specific Conductance (uS/cm)	410
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	196
	Hardness, Ca, Mg (mg/L)	51.6
Suspended and Dissolved Solids	Total suspended solids (mg/L)	204
	Total dissolved solids (mg/L)	248
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	4.72
Nutrients	Ammonia (mg/L)	0.336
	Nitrate + Nitrite (mg/L)	0.07
	Total Kjeldahl Nitrogen (mg/L)	1.26
	Total Nitrogen, mixed forms/Lachat (mg/L)	1.33
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	0.12
Anions	Bromide (mg/L)	0.14
	Chloride (mg/L)	7.7
	Fluoride (mg/L)	1.61
	Sulfate (mg/L)	2.55
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)	1.23
	Dissolved Barium (ug/L)	74.8
	Total Recoverable Barium (ug/L)	89.7
	Dissolved Beryllium (ug/L)	<1.00
	Total Recoverable Beryllium (ug/L)	<1.00
	Dissolved Cadmium (ug/L)	0.526
	Total Recoverable Cadmium (ug/L)	1.07
	Dissolved Calcium (mg/L)	15.4
	Total Recoverable Calcium (mg/L)	16.2
	Dissolved Chromium (ug/L)	<1.00

Metals	Total Recoverable Chromium (ug/L)	1.8
	Dissolved Cobalt (ug/L)	2.65
	Total Recoverable Cobalt (ug/L)	4.42
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	1.77
	Dissolved Iron (mg/L)	<0.100
	Total Recoverable Iron (mg/L)	1.1
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	2.97
	Dissolved Magnesium (mg/L)	3.21
	Total Recoverable Magnesium (mg/L)	3.41
	Dissolved Manganese (mg/L)	3.85
	Total Recoverable Manganese (mg/L)	3.9
	Dissolved Nickel (ug/L)	8.26
	Total Recoverable Nickel (ug/L)	13.1
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	3.14
	Total Recoverable Potassium (mg/L)	3.48
	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)	69.2
	Total Recoverable Sodium (mg/L)	70
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.282
	Total Recoverable Vanadium (ug/L)	2.24
	Dissolved Zinc (ug/L)	10.8
	Total Recoverable Zinc (ug/L)	22.5

