

LocationID	GSIM-HW01	
DateSampled	8/19/2025	
Field Measurements	Temperature, water (°C)	18.2
	pH (none)	6.92
	Turbidity (NTU)	4.03
	Specific Conductance (uS/cm)	252
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	114
	Hardness, Ca, Mg (mg/L)	114
Suspended and Dissolved Solids	Total suspended solids (mg/L)	9.5
	Total dissolved solids (mg/L)	143
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	0.7
	Total Kjeldahl Nitrogen (mg/L)	0.19
	Total Nitrogen, mixed forms/Lachat (mg/L)	0.89
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	0.04
Anions	Bromide (mg/L)	<0.10
	Chloride (mg/L)	4.24
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	4.27
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)	34.9
	Total Recoverable Barium (ug/L)	35.7
	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)	44
	Total Recoverable Calcium (mg/L)	44.6
	Dissolved Chromium (ug/L)	<1.00

Metals	Total Recoverable Chromium (ug/L)	<1.00
	Dissolved Cobalt (ug/L)	<0.100
	Total Recoverable Cobalt (ug/L)	<0.100
	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)	1.04
	Total Recoverable Magnesium (mg/L)	1.08
	Dissolved Manganese (mg/L)	0.0208
	Total Recoverable Manganese (mg/L)	1.08
	Dissolved Nickel (ug/L)	0.644
	Total Recoverable Nickel (ug/L)	0.857
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	<1.00
	Total Recoverable Potassium (mg/L)	1.06
	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)	4.12
	Total Recoverable Sodium (mg/L)	4.28
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.239
	Total Recoverable Vanadium (ug/L)	0.325
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	<5.00

