

LocationID	STL-369-W-01	
DateSampled	6/17/2025	
Field Measurements	Temperature, water (°C)	21.9
	pH (none)	7
	Turbidity (NTU)	0.35
	Specific Conductance (uS/cm)	294
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	120
	Hardness, Ca, Mg (mg/L)	137
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	184
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	3.74
	Total Kjeldahl Nitrogen (mg/L)	0.4
	Total Nitrogen, mixed forms/Lachat (mg/L)	4.14
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	<0.02
Anions	Bromide (mg/L)	<0.10
	Chloride (mg/L)	5.11
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	1.95
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)	38.2
	Total Recoverable Barium (ug/L)	39.4
	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)	52.1
	Total Recoverable Calcium (mg/L)	55.8
	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)	0.808
	Total Recoverable Copper (ug/L)	1.11
	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)	1.5
	Total Recoverable Magnesium (mg/L)	1.57
	Dissolved Manganese (mg/L)	<0.0200
	Total Recoverable Manganese (mg/L)	<0.0200
	Dissolved Nickel (ug/L)	0.597
	Total Recoverable Nickel (ug/L)	0.633
	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
	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)	2.72
	Total Recoverable Sodium (mg/L)	2.99
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.282
	Total Recoverable Vanadium (ug/L)	0.271
	Dissolved Zinc (ug/L)	37.7
	Total Recoverable Zinc (ug/L)	40.8

