

SampleID		RICH-SPR01
Date Sampled		5/20/2025
Field Measurements	Temperature, water (°C)	15.3
	pH (none)	6.61
	Turbidity (NTU)	6.94
	Specific Conductance (uS/cm)	104
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	42.1
	Hardness, Ca, Mg (mg/L)	47.7*
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	69
Total Organic Carbon	Total Organic Carbon (mg/L)	3.61*
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	0.89*
	Total Kjeldahl Nitrogen (mg/L)	0.21
	Total Nitrogen, mixed forms/Lachat (mg/L)	X
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	0.02
Anions	Bromide (mg/L)	<0.10
	Chloride (mg/L)	1.55
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	3.2
Metals	Dissolved Aluminum (mg/L)	<0.100*
	Total Recoverable Aluminum (mg/L)	0.156*
	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)	31.5*
	Total Recoverable Barium (ug/L)	34.4*
	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)	17.1*
	Total Recoverable Calcium (mg/L)	17.9*
	Dissolved Chromium (ug/L)	<1.00*
	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)	0.579*
	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)	1.24*
	Total Recoverable Magnesium (mg/L)	1.29*

	Dissolved Manganese (mg/L)	<0.0200*
	Total Recoverable Manganese (mg/L)	<0.0200*
	Dissolved Nickel (ug/L)	<0.500*
	Total Recoverable Nickel (ug/L)	<0.500*
	Dissolved Phosphorus (mg/L)	<1.00*
	Total Recoverable Phosphorus (mg/L)	<1.00*
	Dissolved Potassium (mg/L)	1.23*
	Total Recoverable Potassium (mg/L)	1.44*
	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)	1.55*
	Total Recoverable Sodium (mg/L)	1.69*
	Dissolved Thallium (ug/L)	<0.500*
	Total Recoverable Thallium (ug/L)	<0.500*
	Dissolved Vanadium (ug/L)	0.251*
	Total Recoverable Vanadium (ug/L)	0.382*
	Dissolved Zinc (ug/L)	<5.00*
	Total Recoverable Zinc (ug/L)	<5.00*