

StationID	Rouse-Spr-A-01	
DateSampled	2/24/2025	
Field Measurements	Temperature, water (°C)	16.7
	pH (none)	7.01
	Turbidity (NTU)	5.79
	Specific Conductance (uS/cm)	337
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO ₃)	128
	Hardness, Ca, Mg (mg/L)	140
Suspended and Dissolved Solids	Total suspended solids (mg/L)	13
	Total dissolved solids (mg/L)	198
Total Organic Carbon	Total Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	0.044
	Nitrate + Nitrite (mg/L)	3.67
	Total Kjeldahl Nitrogen (mg/L)	0.26
	Total Nitrogen, mixed forms/Lachat (mg/L)	3.93
	Orthophosphate (mg/L)	<0.020
	Total Phosphorus, mixed forms (mg/L)	<0.02
Anions	Bromide (mg/L)	0.12
	Chloride (mg/L)	11
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	10.1
	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)	74.5
	Total Recoverable Barium (ug/L)	72.9
	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)	51.8

Metals	Total Recoverable Calcium (mg/L)	52.9
	Dissolved Chromium (ug/L)	<1.00
	Total Recoverable Chromium (ug/L)	<1.00
	Dissolved Cobalt (ug/L)	0.222
	Total Recoverable Cobalt (ug/L)	0.249
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	<0.500
	Dissolved Iron (mg/L)	<0.100
	Total Recoverable Iron (mg/L)	0.147
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	<0.500
	Dissolved Magnesium (mg/L)	2.67
	Total Recoverable Magnesium (mg/L)	2.76
	Dissolved Manganese (mg/L)	0.0821
	Total Recoverable Manganese (mg/L)	0.0858
	Dissolved Nickel (ug/L)	0.515
	Total Recoverable Nickel (ug/L)	0.512
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	2.62
	Total Recoverable Potassium (mg/L)	2.6
	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)	10
	Total Recoverable Sodium (mg/L)	10.4
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.374
	Total Recoverable Vanadium (ug/L)	0.354
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	<5.00