

LocationID	MTCHS-CRK01	
DateSampled	6/17/2025	
Field Measurements	Temperature, water (°C)	21.5
	pH (none)	7.67
	Turbidity (NTU)	2.72
	Specific Conductance (uS/cm)	388
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	138
	Hardness, Ca, Mg (mg/L)	176
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	240
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	2.22
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	1.51
	Total Kjeldahl Nitrogen (mg/L)	0.27
	Total Nitrogen, mixed forms/Lachat (mg/L)	1.78
	Orthophosphate (mg/L)	0.029
	Total Phosphorus, mixed forms (mg/L)	0.04
Anions	Bromide (mg/L)	0.14
	Chloride (mg/L)	12.3
	Fluoride (mg/L)	0.12
	Sulfate (mg/L)	25.3
	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)	56.6
	Total Recoverable Barium (ug/L)	58.7
	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)	62.4
	Total Recoverable Calcium (mg/L)	67.4
	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)	0.583
	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)	3.65
	Total Recoverable Magnesium (mg/L)	3.77
	Dissolved Manganese (mg/L)	<0.0200
	Total Recoverable Manganese (mg/L)	<0.0200
	Dissolved Nickel (ug/L)	0.609
	Total Recoverable Nickel (ug/L)	0.748
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	1.45
	Total Recoverable Potassium (mg/L)	1.52
	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)	9.78
	Total Recoverable Sodium (mg/L)	10.3
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.527
	Total Recoverable Vanadium (ug/L)	0.542
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	<5.00

