

LocationID	HMCK872-01	
DateSampled	8/19/2025	
Field Measurements	Temperature, water (°C)	19.6
	pH (none)	7.71
	Turbidity (NTU)	1.73
	Specific Conductance (uS/cm)	328
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	127
	Hardness, Ca, Mg (mg/L)	141
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	203
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	6.15
	Total Kjeldahl Nitrogen (mg/L)	0.24
	Total Nitrogen, mixed forms/Lachat (mg/L)	5.65
	Orthophosphate (mg/L)	0.048
	Total Phosphorus, mixed forms (mg/L)	0.07
Anions	Bromide (mg/L)	0.11
	Chloride (mg/L)	9.48
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	4.37
	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)	58.1
	Total Recoverable Barium (ug/L)	59.5
	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)	53.6
	Total Recoverable Calcium (mg/L)	53.7
	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)	1.79
	Total Recoverable Magnesium (mg/L)	1.85
	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)	2.12
	Total Recoverable Potassium (mg/L)	2.15
	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)	10.5
	Total Recoverable Sodium (mg/L)	10.8
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.459
	Total Recoverable Vanadium (ug/L)	0.47
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	<5.00

