

LocationID	HWY112-SPR01	
DateSampled	7/15/2025	
Field Measurements	Temperature, water (°C)	23.4
	pH (none)	6.75
	Turbidity (NTU)	2.99
	Specific Conductance (uS/cm)	315
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	142
	Hardness, Ca, Mg (mg/L)	143
Suspended and Dissolved Solids	Total suspended solids (mg/L)	4.5
	Total dissolved solids (mg/L)	186
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	1.21
	Total Kjeldahl Nitrogen (mg/L)	0.14
	Total Nitrogen, mixed forms/Lachat (mg/L)	X
	Orthophosphate (mg/L)	0.06
	Total Phosphorus, mixed forms (mg/L)	<0.02
Anions	Bromide (mg/L)	<0.10
	Chloride (mg/L)	7.43
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	5.38
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)	40.6
	Total Recoverable Barium (ug/L)	44.8
	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)	55.1
	Total Recoverable Calcium (mg/L)	59.5
	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)	0.147
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	<0.500
	Dissolved Iron (mg/L)	<0.100
	Total Recoverable Iron (mg/L)	0.12
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	<0.500
	Dissolved Magnesium (mg/L)	1.2
	Total Recoverable Magnesium (mg/L)	1.34
	Dissolved Manganese (mg/L)	0.0203
	Total Recoverable Manganese (mg/L)	0.0315
	Dissolved Nickel (ug/L)	<0.500
	Total Recoverable Nickel (ug/L)	0.507
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	<1.00
	Total Recoverable Potassium (mg/L)	<1.00
	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)	7.41
	Total Recoverable Sodium (mg/L)	8.68
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.299
	Total Recoverable Vanadium (ug/L)	0.374
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	5.41

