

Trend Monitoring Network Indicator List

This table reflects the indicator list effective January 1, 2024.

T = Total sample (unfiltered sample); D = Dissolved sample (filtered sample); X = Other sample or measurement; Dash (-) indicates not applicable

* Collected once a year per site.

** Collected twice per year at applicable sites.

***Collected quarterly per site.

SM= *Standard Methods for the Examination of Water and Wastewater*

Indicator	Analysis Method	Surface Water	Groundwater
pH	DEP-SOP-001/01 FT 1100	X	X
Temperature	DEP-SOP-001/01 FT 1400	X	X
Specific Conductance	DEP-SOP-001/01 FT 1200	X	X
Dissolved Oxygen	DEP-SOP-001/01 FT 1500	X	X
Turbidity	DEP-SOP-001/01 FT 1600	-	X
Secchi Depth	DEP-SOP-001/01 FT 1700	X	-
Total Depth	Manual/electronic measuring device	X	X
Sample Depth	Manual/electronic measuring device	X	-
Micro Land Use	WMS Sampling Manual (04/2022), Sec. 4 p. 32	-	X*
Depth to Water	DEP-SOP-001/01 FS 2211	-	X
Chlorophyll <i>a</i> (suite)	SM 10150 B	T	-
Biological Community (SCI)	DEP-SOP-IZ06	X**	-
Habitat Assessment	DEP-SOP-001/01 FT 3000	X**	-
Rapid Periphyton Survey (RPS)	DEP-SOP-001/01 FS 7230	X**	-
Linear Vegetation Survey (LVS)	DEP-SOP-001/01 FS 7320	X**	-
Total Coliform	SM 9223 B QuantiTray	-	T***
<i>Escherichia coli</i>	SM 9223 B QuantiTray	T	T***
Total Organic Carbon	SM 5310 B-2011	T	T***
Nitrate + Nitrite	EPA 353.2 Rev. 2.0	T	T***
Ammonia	EPA 350.1 Rev. 2.0	T	T***
Total Kjeldahl Nitrogen	EPA 351.2 Rev 2.0	T	-
Total Nitrogen	ASTM D8083-16	-	T***
Total Phosphorus	EPA 365.1 Rev 2.0	T	T***
Orthophosphate	EPA 365.1 Rev. 2.0	-	D***
Chloride, Sulfate	EPA 300.0 Rev 2.1	T	T***
Fluoride	SM 4500 F-C-2011	T	T***
Calcium, Magnesium, Potassium, Sodium	EPA 200.7 Rev. 4.4	T	T***
Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Zinc	EPA 200.7 Rev. 4.4 / 200.8 Rev. 5.4	T*	T*
Alkalinity	SM 2320 B-2011	T	T***
Hardness	SM 2340 B	T	T***
Turbidity (Lab)	EPA 180.1 Rev. 2.0	T	T***
Specific Conductance (Lab)	EPA 120.1	T	T***
Color (True)	SM 2120 B-2011	T	T***
Total Suspended Solids	SM 2540 D-2015	T	-
Total Dissolved Solids	SM 2540 C-2015	-	T***