

Status Monitoring Network Indicator List

This table reflects the indicator list effective October 1, 2017.

Note: Sampling for 2017 Status Network Small Lakes projects began in September 2017, and follows the previous version of the indicator list available at

http://publicfiles.dep.state.fl.us/DEAR/DEARweb/WMS/Reports_Docs_SOPs/Indicator_Lists/WMS-status-indicators-Apr2017.pdf.

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

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

Indicator	Analysis Method	Large and Small Lakes	Streams, Rivers and Canals	Confined and Unconfined Aquifers
pH	DEP-SOP-001/01 FT 1100	X	X	X
Temperature	DEP-SOP-001/01 FT 1400	X	X	X
Specific Conductance	DEP-SOP-001/01 FT 1200	X	X	X
Dissolved Oxygen	DEP-SOP-001/01 FT 1500	X	X	X
Turbidity	DEP-SOP-001/01 FT 1600	-	-	X
Secchi Depth	DEP-SOP-001/01 FT 1700	X	X	-
Total Depth	Manual/electronic measuring device	X	X	X
Sample Depth	Manual/electronic measuring device	X	X	-
Micro Land Use	WMS Sampling Manual (01/2016), Sec. 4	-	-	X
Depth to Water	DEP-SOP-001/01 FS 2211	-	-	X
Chlorophyll <i>a</i> (suite)	SM 10200 H (modified)	T	T	-
Habitat Assessment	DEP-SOP-001/01 FT 3000	-	X	-
Lake Vegetation Index	DEP-SOP-003/11 LVI 1000	X	-	-
Total Coliform	SM 9222 B	-	-	T
Fecal Coliform	SM 9222 D	-	-	T
Enterococci	Enterolek (IDEXX)	T	T	-
<i>Escherichia coli</i>	SM 9223 QuantiTray	T	T	-
Total Organic Carbon	SM 5310 B-00	T	T	T
Nitrate + Nitrite	EPA 353.2 Rev 2.0	T	T	T
Ammonia	EPA 350.1 Rev. 2.0	T	T	T
Total Kjeldahl Nitrogen	EPA 351.2 Rev 2.0	T	T	T
Total Phosphorus	EPA 365.1 Rev 2.0	T	T	T
Chloride, Sulfate	EPA 300.0 Rev 2.1	T	T	T
Fluoride	SM 4500 F-C-97	T	T	T
Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Zinc	EPA 200.7 Rev. 4.4 / 200.8 Rev. 5.4	T	T	T
Alkalinity	SM 2320 B-97	T	T	T
Hardness	SM 2340 B	T	T	T
Turbidity (Lab)	EPA 180.1 Rev. 2.0	T	T	T
Specific Conductance (Lab)	EPA 120.1	T	T	T
Color (True)	SM 2120 B	T	T	T
Total Suspended Solids	SM 2540 D-97	T	T	-
Total Dissolved Solids	SM 2540 C-97	T	T	T

Status Monitoring Network Indicator List, Continued

Indicator	Analysis Method	Large and Small Lakes	Streams, Rivers and Canals	Confined and Unconfined Aquifers
Sediments: Total Organic Carbon	DEP SOP: NU-076-1 (In-house based on EPA 415.1)	T	-	-
Sediments: Total Phosphorus	In-house based on EPA 365.4	T	-	-
Sediments: Total Kjeldahl Nitrogen	In-house based on EPA 351.2	T	-	-
Sediments: Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Silver, Selenium, Zinc	EPA 6010C/6020A	T	-	-
Sediments: Mercury	EPA 7473	T	-	-