

Status Monitoring Network Indicator List

This table reflects the indicator list effective October 1, 2016.

Note: Sampling for 2016 Status Network Small Lakes projects began in September 2016, and follows the previous version of the indicator list available at

<http://publicfiles.dep.state.fl.us/dear/watershed%20monitoring/documents/WMS-status-indicators-Nov2015.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, Arsenic, Antimony, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, 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
Sucralose, Acetaminophen, Carbamazepine, Primidone, Diuron, Fluridone, Imidacloprid, Linuron	EPA 8321 B	T	-	-

Status Monitoring Network Indicator List, Continued

Indicator	Analysis Method	Large and Small Lakes	Streams, Rivers and Canals	Confined and Unconfined Aquifers
Acetochlor, Alachlor, Ametryn, Atrazine, Atrazine Desethyl, Azinphos Methyl, Bromacil, Butylate, Chlorpyrifos Ethyl, Chlorpyrifos Methyl, Cyanazine, Demeton, Diazinon, Disulfoton, EPTC, Ethion, Ethoprop, Fenamiphos, Fipronil, Fipronil Sulfide, Fipronil Sulfone, Fonofos, Hexazinone, Malathion, Metalaxyl, Metolachlor, Metribuzin, Mevinphos, Molinate, Norflurazon, Parathion Ethyl, Parathion Methyl, Pendimethalin, Phorate, Prometon, Prometryn, Simazine, Terbufos, Terbutylazine	EPA 8270 D	T	-	-
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, Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Nickel, Silver, Zinc	EPA 6010C/6020A	T	-	-
Sediments: Mercury	EPA 7473	T	-	-
Sediments: Diuron, Imidacloprid, Linuron	EPA 8321	T	-	-
Sediments: Alachlor, Ametryn, Atrazine, Atrazine Desethyl, Azinphos Methyl, Bromacil, Butylate, Chlorpyrifos Ethyl, Chlorpyrifos Methyl, Demeton, Diazinon, Disulfoton, Ethion, Ethoprop, Fenamiphos, Fonofos, Hexazinone, Malathion, Metalaxyl, Methamidophos, Metolachlor, Metribuzin, Mevinphos, Monocrotophos, Naled, Norflurazon, Parathion Ethyl, Parathion Methyl, Phorate, Prometon, Prometryn, Simazine, Terbufos	EPA 8141	T	-	-

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Indicator	Analysis Method	Large and Small Lakes	Streams, Rivers and Canals	Confined and Unconfined Aquifers
Sediments: Aldrin, Alpha-BHC, Alpha-Chlordane, Beta-BHC, Carbophenothion, Chlorothalonil, Cypermethrin, DDD-p,p', DDE-p,p', DDT-p,p', Delta-BHC, Dicofol, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Gamma-BHC, Gamma-Chlordane, Heptachlor, Heptachlor Epoxide, Methoxychlor, Mirex, Permethrin, Trifluralin	EPA 8270 mod.	T	-	-
Sediments: Chlordane, Toxaphene	EPA 8276	T	-	-
Sediments: 1-Methylnaphthalene, 1-Methylphenanthrene, 2,3,5-Trimethylnaphthalene, 2,6-Dimethylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Biphenyl, Chrysene, Dibenzo(a,h)anthracene, Dibenzothiophene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene	EPA 8270	T	-	-
Sediments: PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260	EPA 8270 mod.	T	-	-