

## Trend Monitoring Network Indicator List

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

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 | Ground Water |
|---------------------------------------------------------------------------------------|---------------------------------------|---------------|--------------|
| 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 (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             | -            |
| Biological Community (SCI)                                                            | DEP-SOP-003/11 SCI 1000               | 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 9222 B                             | -             | T***         |
| Fecal Coliform                                                                        | SM 9222 D                             | T             | T***         |
| Enterococci                                                                           | Enterolek/QT (ASTM D6503)             | T             | -            |
| <i>Escherichia coli</i>                                                               | SM 9223 QuantiTray                    | T             | -            |
| Total Organic Carbon                                                                  | SM 5310 B-00                          | T             | T***         |
| Nitrate + Nitrite                                                                     | EPA 353.2 Rev. 2.0                    | T             | T***, D*     |
| Ammonia                                                                               | EPA 350.1 Rev. 2.0                    | T             | T***, D*     |
| Total Kjeldahl Nitrogen                                                               | EPA 351.2 Rev 2.0                     | T             | T***, D*     |
| Total Phosphorus                                                                      | EPA 365.1 Rev 2.0                     | T             | T***, D*     |
| Orthophosphate                                                                        | EPA 365.1 Rev. 2.0                    | -             | D***         |
| Chloride, Sulfate                                                                     | EPA 300.0 Rev 2.1                     | T             | T***, D*     |
| Fluoride                                                                              | SM 4500 F-C-97                        | T             | T***, D*     |
| Calcium, Magnesium, Potassium, Sodium                                                 | EPA 200.7 Rev. 4.4                    | T             | T***, D*     |
| Aluminum, Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Molybdenum, Zinc | EPA 200.7 Rev. 4.4 / 200.8 Rev. 5.4   | -             | T*           |
| Alkalinity                                                                            | SM 2320 B-97                          | 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                             | T             | T***         |
| Total Suspended Solids                                                                | SM 2540 D-97                          | T             | -            |
| Total Dissolved Solids                                                                | SM 2540 C-97                          | T             | T***         |