|  |  |  |
| --- | --- | --- |
| Variables  | Method (references) | Detection limit |
| Phosphorus  |  |  |
| Total (TP) | Persulfate digestion; modifiedautomated ascorbic acida | 0.4 µg L-1-P |
| Soluble reactive (SRP) | Filtration; modified automatedascorbic acida | 0.7 µg L-1-P |
| Nitrogen  |  |  |
| Total (TN) | Persulfate digestionb; automatedcadmium reductiona | 20.0 µg L-1-N |
| Nitrite + nitrate (NO2/3) | Automated cadmium reductiona | 0.6 µg L-1-N |
| Ammonium (NH4) | Automated phenatea | 5.5 µg L-1-N |
| Sulfate (SO4) | Ion chromatographya | 0.05 mg L-1-SO4 |
| pH (units) | Electrode (low ion) | 0.1 units |

a APHA (2005)

b D'Elia et al. (1977)

References:

**American Public Health Association.** 2005. *Standard methods for the examination of water and wastewater*. District of Columbia, Washington: American Public Health Association.

**D'Elia CF, Steudler PA, Corwin N.** 1977. Determination of total nitrogen in aqueous samples using persulfate digestion. *Limnology and Oceanography* **22**:760–764.