

WAPOA SAMPLING AND ANALYSIS PARAMETERS

1. Secchi transparency measurements are taken in accordance with MPCA Citizens Lake Monitoring Program methods.
2. Water samples for analysis are taken with a two-meter Integrated Sampler to capture a two-meter vertical column of water in the deepest location in a lake basin.
3. Analysis for total phosphorus and chlorophyll a (calibration) performed by ERA Laboratories, Duluth in accordance with EPA Method 365.2 and Method SM10200H.
4. Chlorophyll a determined by fluorescence measurements with a Turner Designs 10AU Fluorometer. Chlorophyll a is calculated using calibration spectrophotometric analysis data and applying a calibration factor of spectrometer data (ug/ml) / fluorescence number.