Yankee Lake 2022

Yankee Lake Preservation Association, Inc.

Town(s) of Mamakating

Sullivan County

Lake Characteristics	
Surface Area (ac/ha)	410/166
Max Depth (ft/m)	12.5/3.8
Mean Depth (ft/m)	5.9/1.8
Retention Time (years)	0.71
Lake Classification	B
Dam Classification	C
Watershed Characteristics	
Watershed area (ac/ha)	1730/700
Watershed/Lake Ratio	4
Lake and Wetlands %	19.30%
Agricultural %	0.12%
Forest, Shrub, Grasses %	73.26%
Residential %	7.33%
Urban %	0.00%
CSLAP Participation	
Years in CSLAP	2006-2011/2013-2015/2017-2019/2022
Volunteers	Colleen L. Filippone,Kathleen Volpe,Kim Armistead,Catherine M. Dawkins,Georgia Rampe

Trophic State	HABs Susceptibility	Invasive Vulnerability	PWL Assessment
Mesotrophic	No Reported Blooms, Low susceptibility	No invasives present, Low vulnerability	Download Assessment Here (https://www.dec.ny.gov/data/W 0035.html)

Yankee Lake – 2022 Sampling Season Results

Red shaded results indicate eutrophic water quality conditions. In these columns, 'No' indicates there was no significant trend, '↑' indicates there was a significant positive trend ($p<0.05$), '↑↑' indicates there was a strong significant positive trend ($p<0.01$), '↓' indicates there was a significant negative trend ($p<0.05$), '↓↓' indicates there was a strong significant negative trend ($p<0.01$), and blank indicates there was insufficient data to identify a trend. In this report, seasonal trend analyses for individual sampling years and long term trend analyses show changes in key water quality indicators over a consistent index period (mid-June thru mid-September).

	2022 Sampling Results												
Open Water Indicators	06-20	07-04	07-19	08-01	08-15	08-29	09-13	09-26	Seasonal Change	Season Median	Decadal Median	Decadal Trend	Longterm Median	Longterm Trend
Clarity (m)	2.9	3	3	3	2.4	2.9	3	3.1		3	3	no	2.9	↑
Upper Temp (degC)	18.5	23	24	25	24	24	24	18		24	24	no	23.5	no
Surface TP (mg/L)	0.012	0.009	0.01	0.008	0.007	0.008	0.007	0.009		0.008	0.011	↓↓	0.014	↓↓
TN (mg/L)	0.268	0.242	0.339	0.296	0.243	0.22	0.274	0.299		0.271	0.32	↓↓	0.322	↓↓
TN:TP	22.6	25.5	34.5	35.5	33.6	28.1	38.7	34.8		34.1	27.7	↑	24.9	↑↑
Surface NH3 (mg/L)	0.032	0.028	0.051	0.017	0.014	0.014	0.035	0.013		0.022	0.014	↑↑	0.018	no
Chl.a (ug/L)	2.7	2	1.3	2.1		1.5	2.8	2.1		2.1	2.8	no	3.3	↓↓
pH	6.8	7.3	7.3	7.1	7	7.4	7	7.5		7.2	7.3	↓↓	7.3	no
Surface Chloride (mg/L)	36.9		40							38.5	40.4	no	40.4	no
True Color (ptu)	5	10	10	10	7	4	5	9		8	12	↓↓	13	↓↓
Cond (uS/cm)	142.8	140.1	166.9	150	148.2	95.6	122.1	83.8		141.4	150.6	↑	135.4	↑↑

Yankee Lake – Lake Scorecard

Water Quality Indicators	Average Year	2022
Phosphorus	Mesotrophic	Oligotrophic
Chlorophyll A	Mesotrophic	Mesotrophic
Secchi	Mesotrophic	Mesotrophic
Lake Perception	Good	Good
Harmful Algal Blooms	Fair	Good
Aquatic Invasive Species	Absent	

Yankee Lake – 2022 Lake Summary

Q. What is the condition of the lake?

A. Yankee Lake continues to be mesotrophic, or moderately productive, based on moderate water clarity, moderate algae levels (chlorophyll a), and moderate nutrient (phosphorous) levels. Soluble nutrients were analyzed in 2022. The waterbody is a near neutral pH, with intermediate hardness water, low water color, and low nitrogen levels.

Q. How did this year compare to previous years?

A. Compared to previous years, chlorophyll a, total phosphorus and color were lower in 2022 and water quality evaluation was more favorable in 2022. Water clarity (secchi), pH, conductivity, chloride, surface water temperature, aquatic plant coverage and recreational evaluation in 2022 were similar to previous years. There is insufficient data to identify trends in the remaining water quality parameters.

Q. How does this lake compare to other New York lakes?

A. Compared to other New York lakes, this lake usually has higher chloride. Compared to other New York lakes, this lake usually has lower chlorophyll a and calcium and more favorable aquatic plant coverage and recreational evaluation.

Q. Are there any (statistically significant) trends?

A. Over the past 17 years, clarity, conductivity and TN:TP have increased significantly. Over the past 17 years, chlorophyll a, cyanobacteria fluoroprobe concentration, surface total phosphorus, total dissolved nitrogen, total nitrogen and true color have decreased significantly. Over the past ten years, conductivity, surface NH3 and TN:TP have increased significantly. Over the past ten years, cyanobacteria fluoroprobe concentration, pH, surface total phosphorus, total dissolved nitrogen, total nitrogen and true color have decreased significantly.

Q. Has the lake experienced open water or shoreline harmful algal blooms (HABs)?

A. Water quality conditions generally indicate a low susceptibility to blooms, with periodic blooms along the shoreline or in the open water.

The open water algal community in the lake is usually comprised of low cyanobacteria levels. This community is dominated by none. Typically, overall open water algae levels are intermediate. Overall open water toxin levels are consistently below recreational levels of concern.

This year, overall algae levels were unsampled, with unknown taxa the most common taxa in open water samples, and with unsampled cyanobacteria levels. Open water toxin levels were undetectable this year.

Shoreline blooms were not reported and/or sampled this year.

Q. Have any aquatic invasive species (AIS) been reported?

A. No invasive species have been reported in this waterbody. This waterbody has low vulnerability for establishment of invasive bivalves based on calcium levels. For more information about invasive species in the area, or to report an invasive species observation, visit NY iMapInvasives at https://www.nyimapinvasives.org/ (https://www.nyimapinvasives.org/).

Yankee Lake 2022 NYHABs notifications

Were there any reported HABs this season? **No.**

Shoreline HAB Samples 2022

There were no shoreline HAB samples taken this season.

Open Water Algae

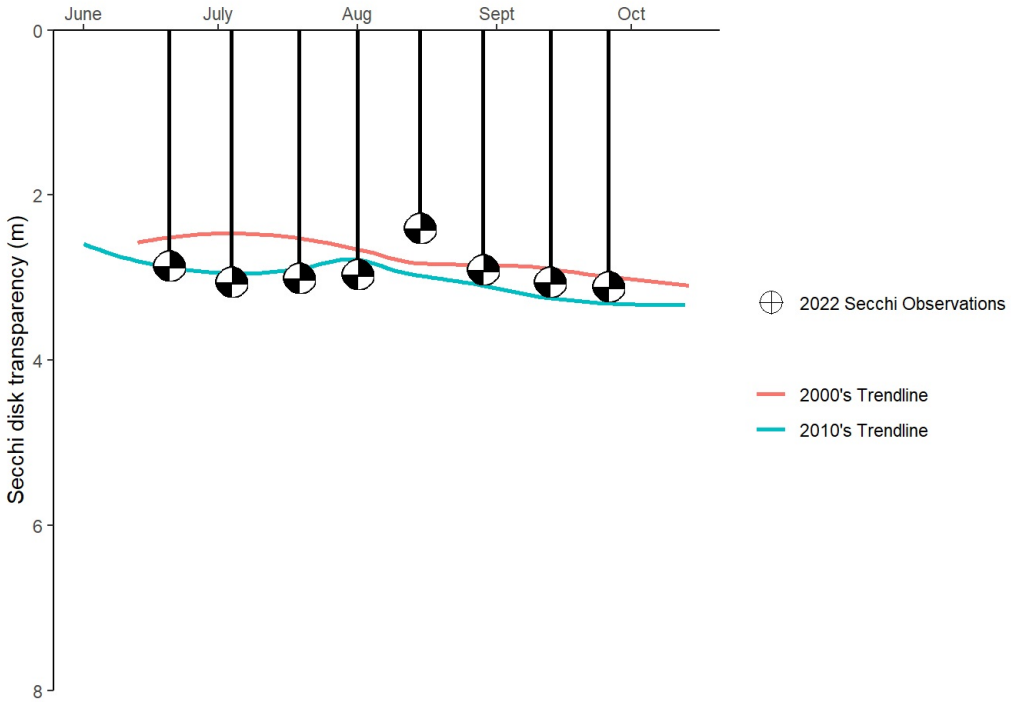
There is no open water algae or open water microcystin data to display from this year.

Shoreline Algae

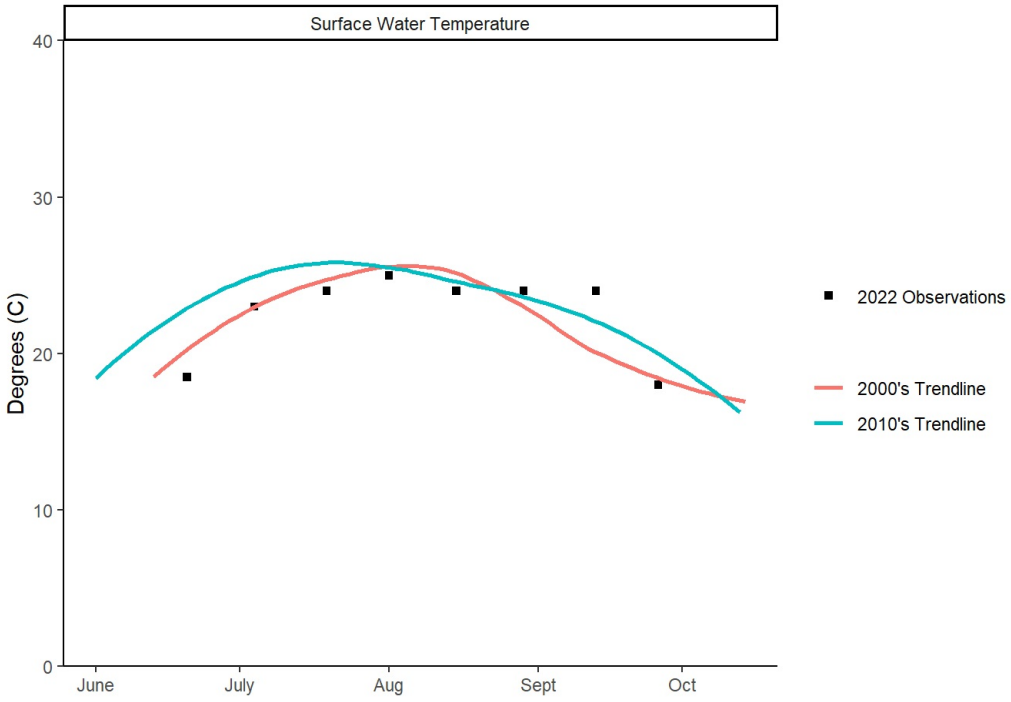
There is no shoreline algae or shoreline microcystin data to display from this year.

Yankee Lake - In-Season Trend Analysis

In Season Water Clarity

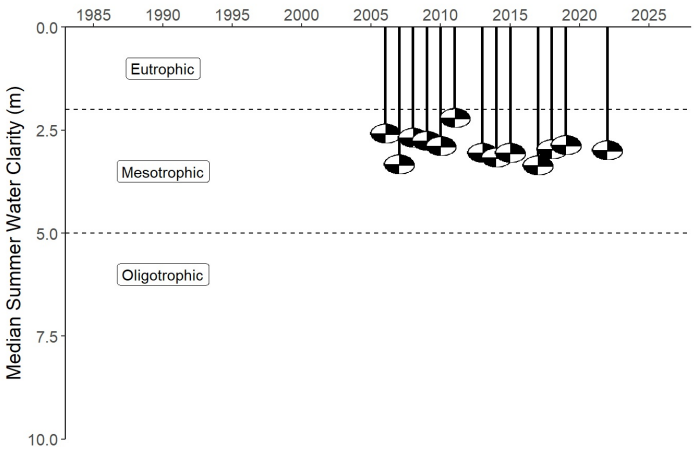


In Season Water Temperature

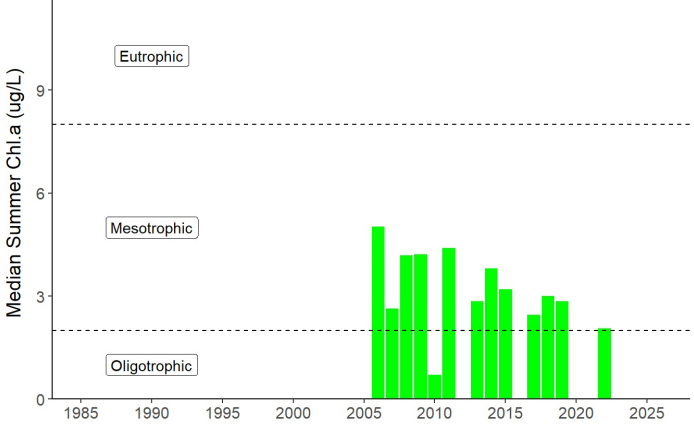


Yankee Lake Long-Term Trend Analysis

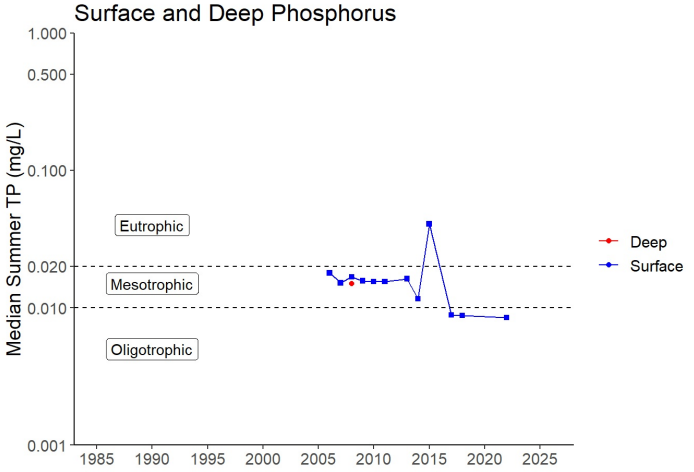
Clarity



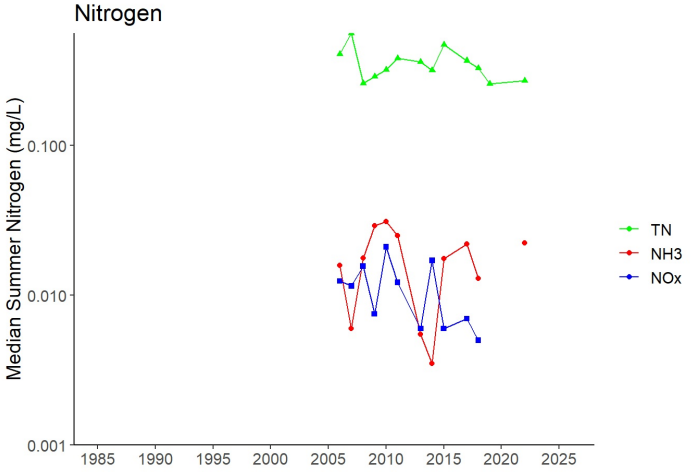
Chlorophyll a



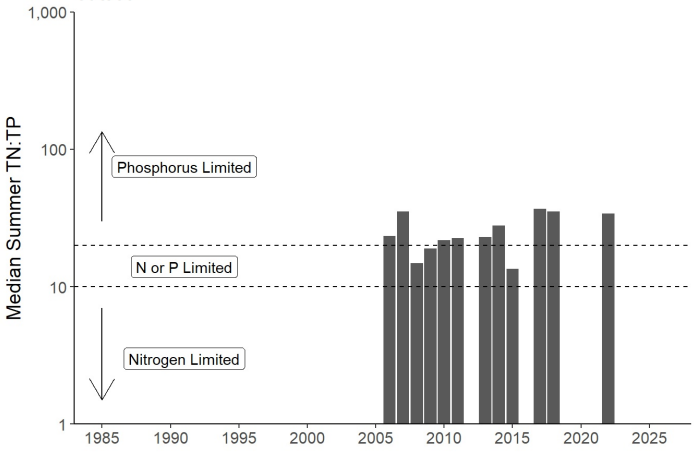
Surface and Deep Phosphorus



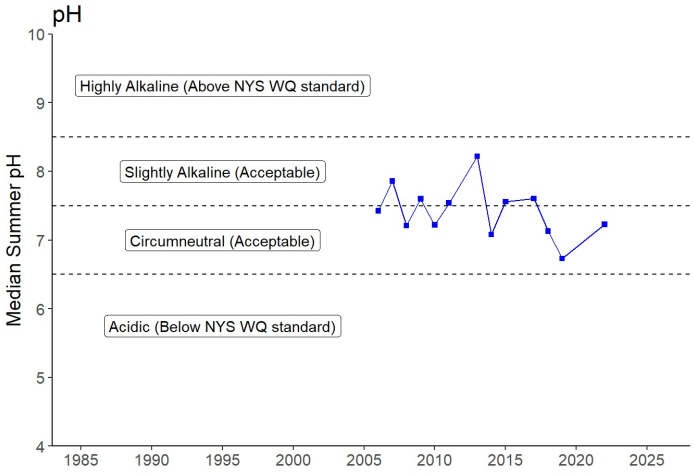
Nitrogen



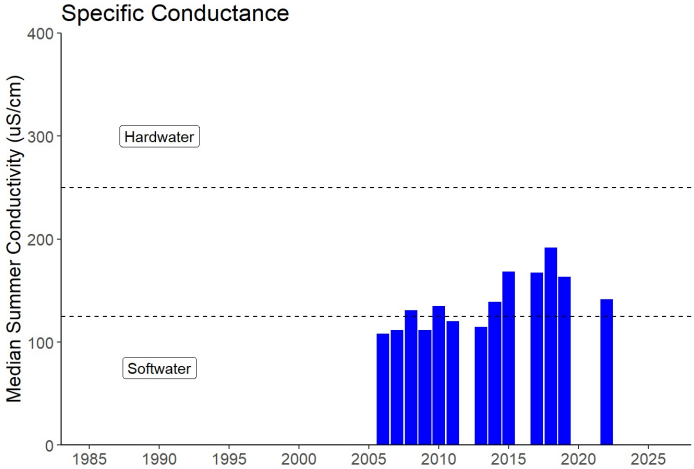
TN:TP



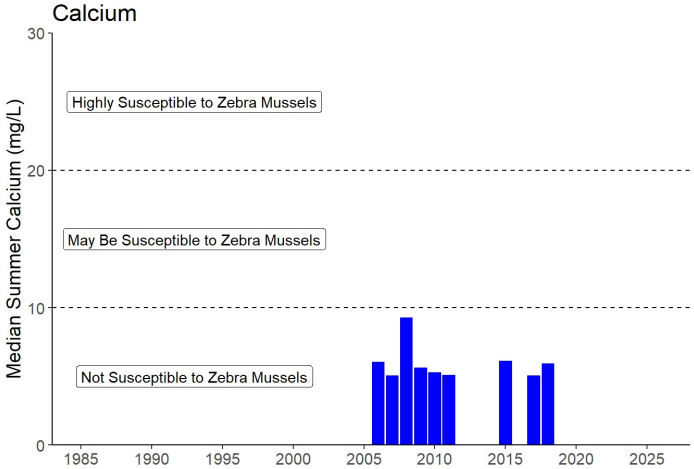
pH

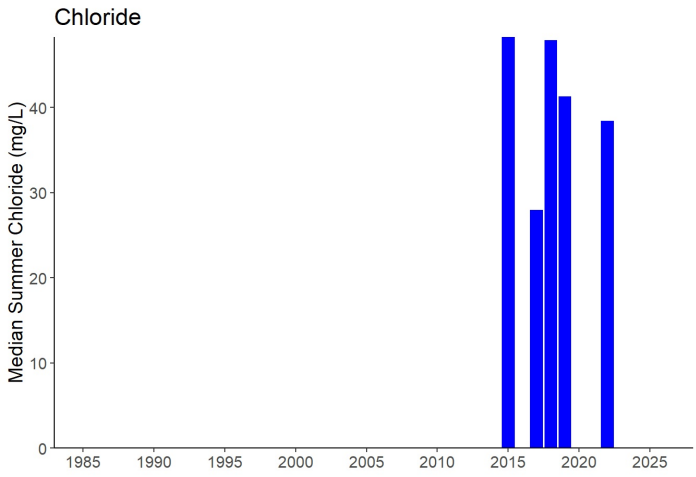


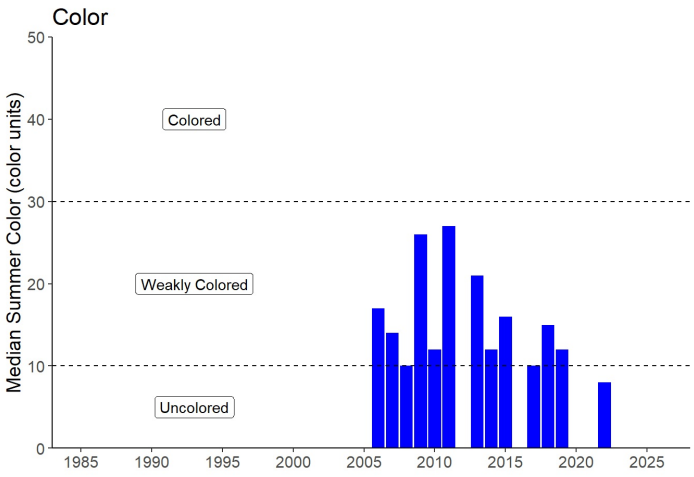
Specific Conductance

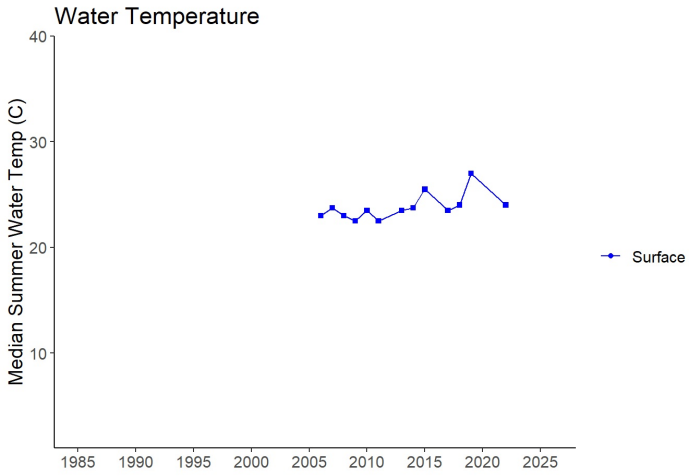


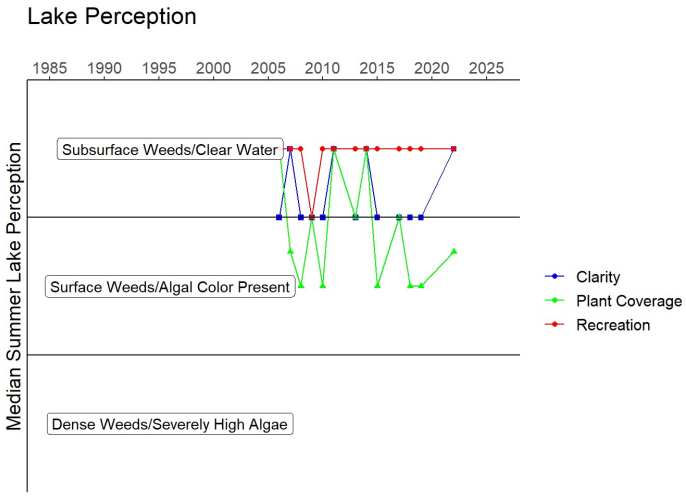
Calcium




Chloride
Median Summer Chloride (mg/L)
0
10
20
30
40
1985
1990
1995
2000
2005
2010
2015
2020
2025


Color
Median Summer Color (color units)
0
10
20
30
40
50
Colored
Weakly Colored
Uncolored
1985
1990
1995
2000
2005
2010
2015
2020
2025


Water Temperature
Median Summer Water Temp (C)
10
20
30
40
1985
1990
1995
2000
2005
2010
2015
2020
2025
Surface


Lake Perception
Median Summer Lake Perception
1985
1990
1995
2000
2005
2010
2015
2020
2025
Subsurface Weeds/Clear Water
Surface Weeds/Algal Color Present
Dense Weeds/Severely High Algae
Clarity
Plant Coverage
Recreation

Water Quality Assessments

The Waterbody Inventory/Priority Waterbodies List (WI/PWL) is a statewide inventory of New York's water resources that is used to track a waters ability to support its' best use(s), identify pollutant(s) causing impairment of best use(s), and follow the status of restoration, protection and other water quality activities and efforts. Data collected through CSLAP contributes to the WI/PWL. In order to be included as an assessment unit in the WI/PWL, a lake, pond, or reservoir must be at least 6.4 acres in size.

Download Lake Assessment Here (https://www.dec.ny.gov/data/WQP/PWL/1402-0035.html)

Total Maximum Daily Load (TMDL)

A TMDL is a type of regulatory clean water plan that calculates the maximum amount of a single pollutant that a waterbody can receive and still meet water quality standards. Section 303(d) of the Clean Water Act also requires states to identify impaired waters, where designated uses are not fully supported. These waterbodies are then listed on the Clean Water Act 303(d) "impaired waters" list. Waterbodies may have been identified as impaired due to fish consumption advisories, shellfishing closures, public bathing beach closures, or sampling results (high nutrient levels, turbidity, toxic sediments). The Clean Water Act also requires states to develop TMDLs for impaired waterbodies on the 303(d) list to reduce the amount of pollutants entering impaired waterbodies to meet water quality standards. TMDL plans may also be developed to protect waterbodies from becoming impaired - for example, protecting public drinking water supplies to protect human health. DEC develops TMDLs and EPA approves them.

Download TMDL Here ()

Harmful Algal Bloom Action Plans

New York State's Water Quality Rapid Response Team, national experts and local stakeholders collaboratively developed Harmful Algal Bloom (HAB) Action Plans for twelve priority lakes that are vulnerable to HABs, are critical sources of drinking water, and are vital tourism drivers. These twelve lakes were chosen as part of New York State's HAB initiative because they represent a wide range of conditions and vulnerabilities, and the lessons learned will be applied to other impacted waterbodies moving forward. Each action plan identifies contributing factors fueling HABs and immediate actions that can be taken to reduce the sources of pollution that spark algal blooms.

Download HAB Action Plan Here ()

Lake Stewardship Actions

Individual stewardship activities can help improve water quality: maintain your septic system, reduce fertilizer use, grow a buffer of native plants next to the lake shore, and reduce shoreline erosion and runoff into the lake. Visiting boats should be inspected to prevent the spread of invasive species, and continued community education about and monitoring for invasive species is recommended. Routine education about algae and harmful algal blooms (HABs) within your lake community is recommended; to learn more about HABs and see examples of HABs visit http://www.dec.ny.gov/chemical/81962.html (http://www.dec.ny.gov/chemical/81962.html). Occurrences of HABs can be reported to NYSDEC. For more information on keeping New York waters clean, visit http://www.dec.ny.gov/public/43661.html (http://www.dec.ny.gov/public/43661.html).

How to Read the Report

This guide provides a description of the CSLAP report by section and a glossary. The sampling site is indicated in the header for lakes with more than one routine sampling site.

Physical Characteristics influence lake quality:

- Surface area is the lake's surface in acres and hectares.
- Max depth is the water depth measured at the deepest part of the lake in feet and meters.
- Mean depth is either known from lake bathymetry or is 0.46 of the maximum depth.
- Retention time is the time it takes for water to pass through a lake in years. This indicates the influence of the watershed on lake conditions.
- Lake classification describes the "best uses" for this lake. Class AA, AAspec, and A lakes may be used as sources of potable water. Class B lakes are suitable for contact recreational activities, like swimming. Class C lakes are suitable for non-contact recreational activities, including fishing, although they may still support swimming. The addition of a T or TS to any of these classes indicates the ability of a lake to support trout populations and/or trout spawning.
- Dam classification defines the hazard class of a dam. Class A, B, C, and D dams are defined as low, intermediate, high, or negligible/no hazard dams in that order. "0" indicates that no class has been assigned to a particular dam, or that no dam exists.

Watershed characteristics influence lake water quality:

- Watershed area in acres and hectares
- Land use data come from the most recent (2011) US Geological Survey National Land Use Cover dataset

CSLAP Participation lists the sampling years and the current year volunteers.

Key lake status indicators summarize lake conditions:

- Trophic state of a lake refers to its nutrient loading and productivity, measured by phosphorus, algae, and clarity. An oligotrophic lake has low nutrient and algae levels (low productivity) and high clarity while a eutrophic lake has high nutrient and algae levels (high productivity) and low clarity. Mesotrophic lakes fall in the middle.
- Harmful algal bloom susceptibility summarizes the available historical HAB data and indicates the potential for future HAB events.
- Invasive vulnerability indicates whether aquatic invasive species are found in this lake or in nearby lakes, indicating the potential for further introductions.
- Priority waterbody list (PWL) assessment is based on the assessment of use categories and summarized as fully supported, threatened, stressed, impaired, or precluded. Aesthetics and habitat are evaluated as good, fair, or poor. The cited PWL assessment reflects the "worst" assessment for the lake.

Current year sampling results shows results for each of the sampling sessions in the year are in tabular form. The seasonal change graphically shows the current year results. Red shading indicates eutrophic readings.

- If there are more than ten shoreline bloom samples collected in a year, bloom sample information is instead summarized by month (May-Oct.) as minimum, average, and maximum values for blue-green algae and microcystin.

The Lake Scorecard represents key water quality indicator results for this lake in an easy-to-read format, comparing information from the current year and historical average of the CSLAP data. Indicators include (1) trophic status of phosphorus, chlorophyll (or algae) and secchi (or clarity); (2) presence or absence of aquatic invasive plants or animals; (3) lake user perception based on perceived physical condition and recreational suitability of the lake; (4) harmful algal bloom samples or reports; and (5) algae levels in the open water of routinely sampled sites.

The Lake Summary reviews and encapsulates the data in the lake report, including comparisons to historical data from this lake, and results from nearby lakes.

Harmful Algal Blooms:

- HAB notification periods on the DEC website http://www.dec.ny.gov/chemical/83310.html (http://www.dec.ny.gov/chemical/83310.html)
- Shoreline HAB sample dates and results. Samples are collected from the area that appears to have the worst bloom. Red shading indicates a confirmed HAB.
- HAB sample algae analysis. Algae types typically change during the season. These charts show the amount of the different types of algae found in each mid-lake or shoreline sample. Samples with high levels of BGA are HABs. The second set of charts show the level of toxins found in open water and shoreline samples compared to NYSDOH and NYSDEC guidelines.

In-Season Trend Analysis shows water temperature and water clarity during the sampling season. These indicate seasonal changes and show the sample year results compared to the typical historical readings for those dates.

Long-Term Trend Analysis puts the current year findings in context. Summer averages (mid-June thru mid-September) for each of the CSLAP years show trends in key water quality indicators. The graphs include relevant criteria (trophic categories, water quality standards, etc.) and boundaries separating these criteria.

Glossary of Water Quality and HAB Indicators

Clarity (m): The depth to which a Secchi disk lowered into the water is visible, measured in meters. Water clarity is one of the trophic indicators for each lake.

TP (mg/L): Total phosphorus, measured in milligrams per liter at the lake surface (1.5 meters below the surface). TP includes all dissolved and particulate forms of phosphorus.

Deep TP: Total phosphorus measured in milligrams per liter at depth (1-2 meters above the lake bottom at the deepest part of the lake or a fixed depth in the hypolimnion of very deep lakes).

TN: Total nitrogen, measured in milligrams per liter at the lake surface. TN includes all forms of nitrogen, including NOx (nitrite and nitrate) and NH4 (ammonia).

N:P Ratio: The ratio of total nitrogen to total phosphorus, unitless (mass ratio). This ratio helps determine if a lake is phosphorous or nitrogen limited.

Chl.a (µg/L): Chlorophyll a, measured in micrograms per liter. Indicates the amount of algae in the water column. This is an extracted chlorophyll measurement.

pH: A range from 0 to 14, with 0 being the most acidic and 14 being the most basic or alkaline. A healthy lake generally ranges between 6.5 and 8.5.

Cond (µmho/cm): Specific conductance is a measure of the conductivity of water. A higher value indicates the presence of more dissolved ions. High ion concentrations (> 250) usually indicate hardwater, and low readings (< 125) usually show softwater.

Calcium (mg/L): Calcium, a component of lake buffering capacity (the ability to neutralize acid inputs), as measured in milligrams per liter at the lake surface (1.5 meters below the surface).

Chloride (mg/L): Chloride, or chloride ions, as measured in milligrams per liter at the lake surface (1.5 meters below the surface).

Upper Temp (°C): Surface temperature, measured in degrees Celsius.

Deep Temp (°C): Deep water temperature, measured in degrees Celsius.

BG Chl.a (µg/L): Chlorophyll a from blue-green algae, measured in micrograms per liter. This is an “unextracted” estimate using a fluoroprobe. This result is different from the extracted chlorophyll measurement described above.

HABs: Harmful Algal Blooms. Algal blooms that have the appearance of cyanobacteria (BGA).

BGA: Blue-green algae, also known as cyanobacteria.

Microcystin (µg/L): The most common HAB liver toxin; total microcystin above 20 micrograms per liter indicates a “high toxin” bloom. However, ALL BGA blooms pose a potential health risk and should be avoided.

Sampling Season Results Information:

Seasonal Change: Shows the current year variability

Season Median: The middle value(or average of the middle two values) of the current year’s data

Decadal Median: The median of the most recent ten years of water quality data

Longterm Median: The median of all years of water quality data

Decadal & Longterm Trends: Indicate whether there was a statistically significant change in water quality data over the most recent or all years

Yankee Lake

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2022-08-15	Water Temperature	24	Epilimnion	Not Applicable	deg C
2022-08-01	Water Temperature	25	Epilimnion	Not Applicable	deg C
2022-07-19	Water Temperature	24	Epilimnion	Not Applicable	deg C
2022-08-29	Water Temperature	24	Epilimnion	Not Applicable	deg C
2013-06-24	Water Temperature	25	Epilimnion	Not Applicable	deg C
2022-09-26	Water Temperature	18	Epilimnion	Not Applicable	deg C
2014-07-29	Water Temperature	23.5	Epilimnion	Not Applicable	deg C
2014-08-10	Water Temperature	26	Epilimnion	Not Applicable	deg C
2022-09-13	Water Temperature	24	Epilimnion	Not Applicable	deg C
2014-09-07	Water Temperature	24	Epilimnion	Not Applicable	deg C
2013-09-02	Water Temperature	23.5	Epilimnion	Not Applicable	deg C
2014-08-24	Water Temperature	22	Epilimnion	Not Applicable	deg C
2022-07-04	Water Temperature	23	Epilimnion	Not Applicable	deg C
2018-07-10	Water Temperature	26.5	Epilimnion	Not Applicable	deg C
2015-08-09	Water Temperature	26	Epilimnion	Not Applicable	deg C
2018-06-25	Water Temperature	24	Epilimnion	Not Applicable	deg C
2013-08-05	Water Temperature	22	Epilimnion	Not Applicable	deg C
2013-09-15	Water Temperature	19	Epilimnion	Not Applicable	deg C
2013-07-09	Water Temperature	27	Epilimnion	Not Applicable	deg C
2019-09-23	Water Temperature	23	Epilimnion	Not Applicable	deg C
2022-06-20	Water Temperature	18.5	Epilimnion	Not Applicable	deg C
2014-07-14	Water Temperature	25	Epilimnion	Not Applicable	deg C
2017-09-24	Water Temperature	23	Epilimnion	Not Applicable	deg C
2018-06-11	Water Temperature	22	Epilimnion	Not Applicable	deg C
2013-07-22	Water Temperature	27.5	Epilimnion	Not Applicable	deg C
2015-07-12	Water Temperature	25	Epilimnion	Not	deg C

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
				Applicable	
2015-07-26	Water Temperature	25	Epilimnion	Not Applicable	deg C
2018-08-12	Water Temperature	25	Epilimnion	Not Applicable	deg C
2019-08-20	Water Temperature	27.5	Epilimnion	Not Applicable	deg C
2019-09-09	Water Temperature	29	Epilimnion	Not Applicable	deg C
2017-06-21	Water Temperature	23	Epilimnion	Not Applicable	deg C
2013-09-29	Water Temperature	17	Epilimnion	Not Applicable	deg C
2014-06-15	Water Temperature	19.5	Epilimnion	Not Applicable	deg C
2014-06-29	Water Temperature	26.5	Epilimnion	Not Applicable	deg C
2018-08-27	Water Temperature	24	Epilimnion	Not Applicable	deg C
2014-06-01	Water Temperature	20	Epilimnion	Not Applicable	deg C
2018-09-19	Water Temperature	23.5	Epilimnion	Not Applicable	deg C
2018-07-29	Water Temperature	25	Epilimnion	Not Applicable	deg C
2019-07-07	Water Temperature	25	Epilimnion	Not Applicable	deg C
2019-07-21	Water Temperature	28	Epilimnion	Not Applicable	deg C
2013-10-13	Water Temperature	15	Epilimnion	Not Applicable	deg C
2015-09-07	Water Temperature	21	Epilimnion	Not Applicable	deg C
2015-09-20	Water Temperature	26	Epilimnion	Not Applicable	deg C
2019-06-17	Water Temperature	20	Epilimnion	Not Applicable	deg C
2017-07-17	Water Temperature	26	Epilimnion	Not Applicable	deg C
2015-08-23	Water Temperature	26	Epilimnion	Not Applicable	deg C
2019-08-04	Water Temperature	27	Epilimnion	Not Applicable	deg C
2017-07-04	Water Temperature	25	Epilimnion	Not Applicable	deg C
2017-09-11	Water Temperature	19	Epilimnion	Not Applicable	deg C
2017-08-29	Water Temperature	21	Epilimnion	Not Applicable	deg C
2017-08-14	Water Temperature	24	Epilimnion	Not Applicable	deg C
2017-07-31	Water Temperature	25	Epilimnion	Not Applicable	deg C

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2022-08-15	SPECIFIC CONDUCTANCE	148.2	Epilimnion	TOTAL	uS/cm
2022-08-15	TRUE COLOR	7	Epilimnion	TOTAL	color units
2022-08-01	CHLOROPHYLL A	2.052	Epilimnion	TOTAL	ug/L
2022-08-15	NITROGEN, AMMONIA (AS N)	0.013724	Epilimnion	TOTAL	mg/L
2022-08-01	PHOSPHORUS, TOTAL	0.008328	Epilimnion	TOTAL	mg/L
2022-08-01	TRUE COLOR	10	Epilimnion	TOTAL	color units
2010-09-05	CHLOROPHYLL A	0.9	Epilimnion	TOTAL	ug/L
2010-09-05	NITROGEN, AMMONIA (AS N)	0.012	Epilimnion	TOTAL	mg/L
2010-09-05	ACIDITY, HYDROGEN ION (H+)	4.78630092322638e-08	Epilimnion	Not Applicable	
2010-09-05	TRUE COLOR	13	Epilimnion	TOTAL	color units
2010-08-17	CALCIUM	5.7	Epilimnion	TOTAL	mg/L
2010-08-17	SPECIFIC CONDUCTANCE	139.3	Epilimnion	TOTAL	uS/cm
2010-08-17	PH	6.72	Epilimnion	Not Applicable	pH units
2010-08-17	NITROGEN, AMMONIA (AS N)	0.014	Epilimnion	TOTAL	mg/L
2022-08-01	PH	7.13	Epilimnion	Not Applicable	pH units
2010-09-05	PHOSPHORUS, TOTAL	0.0155	Epilimnion	TOTAL	mg/L
2022-08-01	SPECIFIC CONDUCTANCE	150	Epilimnion	TOTAL	uS/cm
2022-08-01	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2010-08-17	CHLOROPHYLL A	1.1	Epilimnion	TOTAL	ug/L
2022-08-15	PHOSPHORUS, TOTAL	0.007224	Epilimnion	TOTAL	mg/L
2022-08-15	PH	7.04	Epilimnion	Not Applicable	pH units
2022-08-01	NITROGEN, AMMONIA (AS N)	0.016776	Epilimnion	TOTAL	mg/L
2010-09-05	SPECIFIC CONDUCTANCE	136.9	Epilimnion	TOTAL	uS/cm
2010-08-17	NITROGEN, NITRATE-NITRITE	0.017237	Epilimnion	TOTAL	mg/L
2022-07-19	TRUE COLOR	10	Epilimnion	TOTAL	color units
2022-07-19	CHLORIDE	40	Epilimnion	TOTAL	mg/L
2022-07-19	PHOSPHORUS, TOTAL	0.009829	Epilimnion	TOTAL	mg/L
2010-08-17	ACIDITY, HYDROGEN ION (H+)	1.90546071796324e-07	Epilimnion	Not Applicable	
2010-08-17	TRUE COLOR	7	Epilimnion	TOTAL	color units
2010-08-17	NITROGEN, TOTAL	0.478	Epilimnion	TOTAL	mg/L
2010-08-17	PHOSPHORUS, TOTAL	0.0176	Epilimnion	TOTAL	mg/L
2022-08-01	NITROGEN, TOTAL	0.295985	Epilimnion	TOTAL	mg/L
2010-09-05	NITROGEN, NITRATE-NITRITE	0.0045	Epilimnion	TOTAL	mg/L
2022-07-19	NITROGEN, AMMONIA (AS N)	0.050693	Epilimnion	TOTAL	mg/L
2022-07-19	CHLOROPHYLL A	1.2766	Epilimnion	TOTAL	ug/L
2022-08-15	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2010-09-05	PH	7.32	Epilimnion	Not Applicable	pH units
2010-09-05	NITROGEN, TOTAL	0.254	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2022-08-29	CHLOROPHYLL A	1.46639999999999	Epilimnion	TOTAL	ug/L
2022-08-29	NITROGEN, AMMONIA (AS N)	0.014192	Epilimnion	TOTAL	mg/L
2022-08-29	PH	7.44	Epilimnion	Not Applicable	pH units
2022-08-29	TRUE COLOR	4	Epilimnion	TOTAL	color units
2022-08-29	SPECIFIC CONDUCTANCE	95.58	Epilimnion	TOTAL	uS/cm
2022-08-29	PHOSPHORUS, TOTAL	0.007839	Epilimnion	TOTAL	mg/L
2011-09-11	TRUE COLOR	34	Epilimnion	TOTAL	color units
2013-06-24	NITROGEN, NITRATE-NITRITE	0.006	Epilimnion	TOTAL	mg/L
2022-09-26	PH	7.51	Epilimnion	Not Applicable	pH units
2022-09-26	PHOSPHORUS, TOTAL	0.008612	Epilimnion	TOTAL	mg/L
2022-09-26	SPECIFIC CONDUCTANCE	83.83	Epilimnion	TOTAL	uS/cm
2022-09-26	NITROGEN, TOTAL	0.299368	Epilimnion	TOTAL	mg/L
2022-09-26	NITROGEN, AMMONIA (AS N)	0.013105	Epilimnion	TOTAL	mg/L
2009-06-29	TRUE COLOR	19	Epilimnion	TOTAL	color units
2022-08-15	NITROGEN, TOTAL	0.242841	Epilimnion	TOTAL	mg/L
2022-08-29	NITROGEN, TOTAL	0.220335	Epilimnion	TOTAL	mg/L
2022-08-29	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2013-06-24	NITROGEN, TOTAL	0.36	Epilimnion	TOTAL	mg/L
2013-06-24	TRUE COLOR	18	Epilimnion	TOTAL	color units
2011-08-01	NITROGEN, TOTAL	0.488	Epilimnion	TOTAL	mg/L
2011-08-01	PHOSPHORUS, TOTAL	0.0142	Epilimnion	TOTAL	mg/L
2011-08-01	SPECIFIC CONDUCTANCE	135.9	Epilimnion	TOTAL	uS/cm
2010-08-02	CHLOROPHYLL A	0.6	Epilimnion	TOTAL	ug/L
2010-08-02	NITROGEN, TOTAL	0.288	Epilimnion	TOTAL	mg/L
2010-08-02	TRUE COLOR	12	Epilimnion	TOTAL	color units
2010-08-02	NITROGEN, AMMONIA (AS N)	0.034	Epilimnion	TOTAL	mg/L
2022-07-19	SPECIFIC CONDUCTANCE	166.9	Epilimnion	TOTAL	uS/cm
2022-07-19	NITROGEN, NITRATE-NITRITE	0.016791	Epilimnion	TOTAL	mg/L
2014-07-29	TRUE COLOR	6	Epilimnion	TOTAL	color units
2014-07-29	NITROGEN, NITRATE-NITRITE	0.01	Epilimnion	TOTAL	mg/L
2014-07-29	PHOSPHORUS, TOTAL	0.0116	Epilimnion	TOTAL	mg/L
2014-07-29	CHLOROPHYLL A	4.4	Epilimnion	TOTAL	ug/L
2014-07-29	PH	7.45	Epilimnion	Not Applicable	pH units
2014-08-10	SPECIFIC CONDUCTANCE	140.2	Epilimnion	TOTAL	uS/cm
2010-09-19	TRUE COLOR	12	Epilimnion	TOTAL	color units
2010-09-19	PHOSPHORUS, TOTAL	0.0288	Epilimnion	TOTAL	mg/L
2010-09-19	SPECIFIC CONDUCTANCE	134.9	Epilimnion	TOTAL	uS/cm
2010-09-19	NITROGEN, TOTAL	0.32	Epilimnion	TOTAL	mg/L
2010-09-19	ACIDITY, HYDROGEN ION (H+)	1e-07	Epilimnion	Not	

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
				Applicable	
2010-09-19	CHLOROPHYLL A	0.6	Epilimnion	TOTAL	ug/L
2010-09-19	PH	7	Epilimnion	Not Applicable	pH units
2010-09-19	NITROGEN, NITRATE-NITRITE	0.033429	Epilimnion	TOTAL	mg/L
2010-09-19	NITROGEN, AMMONIA (AS N)	0.031	Epilimnion	TOTAL	mg/L
2011-06-05	TRUE COLOR	34	Epilimnion	TOTAL	color units
2011-06-05	NITROGEN, TOTAL	0.287	Epilimnion	TOTAL	mg/L
2022-09-13	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2022-09-13	NITROGEN, AMMONIA (AS N)	0.035373	Epilimnion	TOTAL	mg/L
2022-09-13	TRUE COLOR	5	Epilimnion	TOTAL	color units
2022-09-13	SPECIFIC CONDUCTANCE	122.1	Epilimnion	TOTAL	uS/cm
2014-07-29	NITROGEN, TOTAL	0.321	Epilimnion	TOTAL	mg/L
2014-07-29	SPECIFIC CONDUCTANCE	132.5	Epilimnion	TOTAL	uS/cm
2014-07-29	NITROGEN, AMMONIA (AS N)	0.034	Epilimnion	TOTAL	mg/L
2022-09-13	PHOSPHORUS, TOTAL	0.007081	Epilimnion	TOTAL	mg/L
2022-09-26	CHLOROPHYLL A	2.08999999999999	Epilimnion	TOTAL	ug/L
2022-09-26	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2022-09-26	TRUE COLOR	9	Epilimnion	TOTAL	color units
2014-09-07	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2014-09-07	CHLOROPHYLL A	2.9	Epilimnion	TOTAL	ug/L
2014-09-07	SPECIFIC CONDUCTANCE	139.4	Epilimnion	TOTAL	uS/cm
2014-09-07	TRUE COLOR	12	Epilimnion	TOTAL	color units
2014-09-07	NITROGEN, TOTAL	0.287	Epilimnion	TOTAL	mg/L
2011-07-05	NITROGEN, TOTAL	0.381	Epilimnion	TOTAL	mg/L
2011-07-05	NITROGEN, NITRATE-NITRITE	0.0045	Epilimnion	TOTAL	mg/L
2011-07-05	NITROGEN, AMMONIA (AS N)	0.018	Epilimnion	TOTAL	mg/L
2011-07-17	PHOSPHORUS, TOTAL	0.0131	Epilimnion	TOTAL	mg/L
2011-07-17	NITROGEN, TOTAL	0.321	Epilimnion	TOTAL	mg/L
2011-07-17	NITROGEN, NITRATE-NITRITE	0.0045	Epilimnion	TOTAL	mg/L
2011-07-17	CHLOROPHYLL A	5.5	Epilimnion	TOTAL	ug/L
2011-07-17	TRUE COLOR	19	Epilimnion	TOTAL	color units
2011-07-17	NITROGEN, AMMONIA (AS N)	0.02	Epilimnion	TOTAL	mg/L
2011-07-17	SPECIFIC CONDUCTANCE	117.3	Epilimnion	TOTAL	uS/cm
2011-08-01	CALCIUM	4.6	Epilimnion	TOTAL	mg/L
2011-08-01	NITROGEN, AMMONIA (AS N)	0.026	Epilimnion	TOTAL	mg/L
2011-08-01	PH	8.86	Epilimnion	Not Applicable	pH units
2011-08-01	NITROGEN, NITRATE-NITRITE	0.0209119999999999	Epilimnion	TOTAL	mg/L
2011-08-01	CHLOROPHYLL A	6.2	Epilimnion	TOTAL	ug/L
2013-09-02	NITROGEN, AMMONIA (AS N)	0.0055	Epilimnion	TOTAL	mg/L
2011-08-01	TRUE COLOR	27	Epilimnion	TOTAL	color units

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2011-08-16	PHOSPHORUS, TOTAL	0.0124	Epilimnion	TOTAL	mg/L
2011-08-16	TRUE COLOR	18	Epilimnion	TOTAL	color units
2011-08-16	CHLOROPHYLL A	3.6	Epilimnion	TOTAL	ug/L
2011-08-16	NITROGEN, AMMONIA (AS N)	0.052	Epilimnion	TOTAL	mg/L
2011-08-16	NITROGEN, TOTAL	0.434	Epilimnion	TOTAL	mg/L
2011-08-16	SPECIFIC CONDUCTANCE	119.3	Epilimnion	TOTAL	uS/cm
2011-09-11	CHLOROPHYLL A	1.7	Epilimnion	TOTAL	ug/L
2011-09-11	PHOSPHORUS, TOTAL	0.0173	Epilimnion	TOTAL	mg/L
2011-09-11	NITROGEN, TOTAL	0.39	Epilimnion	TOTAL	mg/L
2011-09-11	NITROGEN, NITRATE-NITRITE	0.01219	Epilimnion	TOTAL	mg/L
2011-09-11	NITROGEN, AMMONIA (AS N)	0.029	Epilimnion	TOTAL	mg/L
2011-09-11	PH	7.39	Epilimnion	Not Applicable	pH units
2011-09-11	SPECIFIC CONDUCTANCE	91.8	Epilimnion	TOTAL	uS/cm
2008-08-11	PHOSPHORUS, TOTAL	0.0143	Hypolimnion	TOTAL	mg/L
2008-08-11	NITROGEN, TOTAL	0.259955	Epilimnion	TOTAL	mg/L
2008-08-11	NITROGEN, AMMONIA (AS N)	0.03118	Epilimnion	TOTAL	mg/L
2008-08-11	ACIDITY, HYDROGEN ION (H+)	2.29086765276777e-07	Epilimnion	Not Applicable	
2008-08-11	PH	6.52	Epilimnion	Not Applicable	pH units
2008-08-11	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-08-11	CHLOROPHYLL A	4.19	Epilimnion	TOTAL	ug/L
2008-08-11	SPECIFIC CONDUCTANCE	126.8	Epilimnion	TOTAL	uS/cm
2013-06-24	PHOSPHORUS, TOTAL	0.0138	Epilimnion	TOTAL	mg/L
2013-06-24	PH	8.79	Epilimnion	Not Applicable	pH units
2013-06-24	NITROGEN, AMMONIA (AS N)	0.026	Epilimnion	TOTAL	mg/L
2013-06-24	CHLOROPHYLL A	3.3	Epilimnion	TOTAL	ug/L
2014-08-10	PH	6.91	Epilimnion	Not Applicable	pH units
2014-08-10	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2014-08-10	PHOSPHORUS, TOTAL	0.0093	Epilimnion	TOTAL	mg/L
2014-08-10	NITROGEN, TOTAL	0.364	Epilimnion	TOTAL	mg/L
2014-08-10	TRUE COLOR	12	Epilimnion	TOTAL	color units
2014-08-10	CHLOROPHYLL A	3.8	Epilimnion	TOTAL	ug/L
2014-08-24	PHOSPHORUS, TOTAL	0.011	Epilimnion	TOTAL	mg/L
2011-06-05	PHOSPHORUS, TOTAL	0.026	Epilimnion	TOTAL	mg/L
2011-06-05	SPECIFIC CONDUCTANCE	126.5	Epilimnion	TOTAL	uS/cm
2011-06-05	CHLOROPHYLL A	7	Epilimnion	TOTAL	ug/L
2011-06-05	CALCIUM	5.6	Epilimnion	TOTAL	mg/L
2011-06-05	NITROGEN, NITRATE-NITRITE	0.039	Epilimnion	TOTAL	mg/L
2022-09-13	NITROGEN, TOTAL	0.27435	Epilimnion	TOTAL	mg/L
2022-09-13	PH	6.99	Epilimnion	Not Applicable	pH units
2022-09-13	CHLOROPHYLL A	2.848	Epilimnion	TOTAL	ug/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2011-06-19	PH	6.05	Epilimnion	Not Applicable	pH units
2011-06-19	NITROGEN, AMMONIA (AS N)	0.025	Epilimnion	TOTAL	mg/L
2011-06-19	SPECIFIC CONDUCTANCE	160	Epilimnion	TOTAL	uS/cm
2011-06-19	NITROGEN, NITRATE-NITRITE	0.0045	Epilimnion	TOTAL	mg/L
2011-06-19	CHLOROPHYLL A	4.4	Epilimnion	TOTAL	ug/L
2011-06-19	TRUE COLOR	62	Epilimnion	TOTAL	color units
2011-06-19	PHOSPHORUS, TOTAL	0.0155	Epilimnion	TOTAL	mg/L
2011-06-19	NITROGEN, TOTAL	0.196	Epilimnion	TOTAL	mg/L
2011-07-05	CHLOROPHYLL A	4.4	Epilimnion	TOTAL	ug/L
2011-07-05	PHOSPHORUS, TOTAL	0.0186	Epilimnion	TOTAL	mg/L
2011-07-05	PH	7.54	Epilimnion	Not Applicable	pH units
2011-07-05	SPECIFIC CONDUCTANCE	120.3	Epilimnion	TOTAL	uS/cm
2011-07-05	TRUE COLOR	17	Epilimnion	TOTAL	color units
2007-10-07	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-10-07	SPECIFIC CONDUCTANCE	125.5	Epilimnion	TOTAL	uS/cm
2007-10-07	NITROGEN, AMMONIA (AS N)	0.01852	Epilimnion	TOTAL	mg/L
2014-09-07	PHOSPHORUS, TOTAL	0.0117	Epilimnion	TOTAL	mg/L
2014-09-07	PH	6.2	Epilimnion	Not Applicable	pH units
2011-07-17	PH	7.7	Epilimnion	Not Applicable	pH units
2010-07-04	SPECIFIC CONDUCTANCE	180	Epilimnion	TOTAL	uS/cm
2010-07-04	PH	7.22	Epilimnion	Not Applicable	pH units
2010-07-04	TRUE COLOR	12	Epilimnion	TOTAL	color units
2010-07-04	NITROGEN, TOTAL	0.281	Epilimnion	TOTAL	mg/L
2010-07-04	CHLOROPHYLL A	0.6	Epilimnion	TOTAL	ug/L
2010-07-04	ACIDITY, HYDROGEN ION (H+)	6.02559586074356e-08	Epilimnion	Not Applicable	
2010-07-18	TRUE COLOR	17	Epilimnion	TOTAL	color units
2010-07-18	NITROGEN, AMMONIA (AS N)	0.043	Epilimnion	TOTAL	mg/L
2010-07-18	PH	7.58	Epilimnion	Not Applicable	pH units
2010-07-18	NITROGEN, NITRATE-NITRITE	0.102	Epilimnion	TOTAL	mg/L
2010-07-18	PHOSPHORUS, TOTAL	0.016	Epilimnion	TOTAL	mg/L
2010-07-18	CHLOROPHYLL A	0.7	Epilimnion	TOTAL	ug/L
2010-07-18	NITROGEN, TOTAL	0.35	Epilimnion	TOTAL	mg/L
2010-07-18	SPECIFIC CONDUCTANCE	134.3	Epilimnion	TOTAL	uS/cm
2010-07-18	ACIDITY, HYDROGEN ION (H+)	2.63026799189538e-08	Epilimnion	Not Applicable	
2010-08-02	PHOSPHORUS, TOTAL	0.012	Epilimnion	TOTAL	mg/L
2011-08-16	PH	7.65	Epilimnion	Not Applicable	pH units

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2011-08-16	NITROGEN, NITRATE-NITRITE	0.05667	Epilimnion	TOTAL	mg/L
2010-08-02	PH	7.24	Epilimnion	Not Applicable	pH units
2010-08-02	ACIDITY, HYDROGEN ION (H+)	5.75439937337156e-08	Epilimnion	Not Applicable	
2022-07-04	SPECIFIC CONDUCTANCE	140.1	Epilimnion	TOTAL	uS/cm
2022-07-04	TRUE COLOR	10	Epilimnion	TOTAL	color units
2022-07-04	NITROGEN, TOTAL	0.242497	Epilimnion	TOTAL	mg/L
2022-07-04	PH	7.33	Epilimnion	Not Applicable	pH units
2007-08-02	CHLOROPHYLL A	5.2	Epilimnion	TOTAL	ug/L
2007-08-02	SPECIFIC CONDUCTANCE	131.1	Epilimnion	TOTAL	uS/cm
2007-08-02	PH	8.12	Epilimnion	Not Applicable	pH units
2007-08-02	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-08-02	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2007-08-02	ACIDITY, HYDROGEN ION (H+)	7.58577575029183e-09	Epilimnion	Not Applicable	
2007-08-02	PHOSPHORUS, TOTAL	0.0416	Epilimnion	TOTAL	mg/L
2007-08-02	TRUE COLOR	12	Epilimnion	TOTAL	color units
2007-08-02	NITROGEN, TOTAL	0.57181	Epilimnion	TOTAL	mg/L
2007-08-02	NITROGEN, NITRATE-NITRITE	0.00983	Epilimnion	TOTAL	mg/L
2007-08-27	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-08-27	CHLOROPHYLL A	3.52	Epilimnion	TOTAL	ug/L
2007-08-27	SPECIFIC CONDUCTANCE	84.87	Epilimnion	TOTAL	uS/cm
2007-08-27	NITROGEN, NITRATE-NITRITE	0.025158	Epilimnion	TOTAL	mg/L
2007-08-27	NITROGEN, TOTAL	0.61823	Epilimnion	TOTAL	mg/L
2014-08-24	TRUE COLOR	10	Epilimnion	TOTAL	color units
2011-06-05	NITROGEN, AMMONIA (AS N)	0.023	Epilimnion	TOTAL	mg/L
2011-06-05	PH	7.46	Epilimnion	Not Applicable	pH units
2014-08-24	SPECIFIC CONDUCTANCE	140.3	Epilimnion	TOTAL	uS/cm
2014-08-24	NITROGEN, NITRATE-NITRITE	0.005	Epilimnion	TOTAL	mg/L
2014-08-24	PH	7.1	Epilimnion	Not Applicable	pH units
2007-09-26	PH	8.32	Epilimnion	Not Applicable	pH units
2007-09-26	PHOSPHORUS, TOTAL	0.0127	Epilimnion	TOTAL	mg/L
2007-09-26	TRUE COLOR	10	Epilimnion	TOTAL	color units
2007-10-07	PHOSPHORUS, TOTAL	0.0211	Epilimnion	TOTAL	mg/L
2007-10-07	TRUE COLOR	11	Epilimnion	TOTAL	color units
2007-10-07	NITROGEN, TOTAL	0.65435	Epilimnion	TOTAL	mg/L
2007-10-07	PH	7.52	Epilimnion	Not Applicable	pH units
2007-10-07	NITROGEN, NITRATE-NITRITE	0.013925	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2007-10-07	ACIDITY, HYDROGEN ION (H+)	3.01995172040202e-08	Epilimnion	Not Applicable	
2007-10-07	CHLOROPHYLL A	2.4	Epilimnion	TOTAL	ug/L
2018-07-10	NITROGEN, AMMONIA (AS N)	0.029	Epilimnion	TOTAL	mg/L
2008-06-28	PHOSPHORUS, TOTAL	0.0156	Hypolimnion	TOTAL	mg/L
2008-06-28	CALCIUM	13.06	Epilimnion	TOTAL	mg/L
2008-06-28	PHOSPHORUS, TOTAL	0.0168	Epilimnion	TOTAL	mg/L
2008-06-28	NITROGEN, NITRATE-NITRITE	0.003	Epilimnion	TOTAL	mg/L
2008-06-28	TRUE COLOR	10	Epilimnion	TOTAL	color units
2008-06-28	NITROGEN, TOTAL	0.372778	Epilimnion	TOTAL	mg/L
2008-06-28	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-06-28	PH	7.62	Epilimnion	Not Applicable	pH units
2008-06-28	NITROGEN, AMMONIA (AS N)	0.01748	Epilimnion	TOTAL	mg/L
2008-06-28	SPECIFIC CONDUCTANCE	152.9	Epilimnion	TOTAL	uS/cm
2008-06-28	ACIDITY, HYDROGEN ION (H+)	2.39883291901949e-08	Epilimnion	Not Applicable	
2008-06-28	CHLOROPHYLL A	5.43	Epilimnion	TOTAL	ug/L
2007-07-02	PHOSPHORUS, TOTAL	0.0152	Epilimnion	TOTAL	mg/L
2007-07-02	ACIDITY, HYDROGEN ION (H+)	9.7723722095581e-08	Epilimnion	Not Applicable	
2008-07-21	NITROGEN, AMMONIA (AS N)	0.01271	Epilimnion	TOTAL	mg/L
2008-07-21	SPECIFIC CONDUCTANCE	131.1	Epilimnion	TOTAL	uS/cm
2008-07-21	NITROGEN, NITRITE	0.00203	Epilimnion	TOTAL	mg/L
2008-07-21	CHLOROPHYLL A	2.92	Epilimnion	TOTAL	ug/L
2010-08-02	NITROGEN, NITRATE-NITRITE	0.024	Epilimnion	TOTAL	mg/L
2010-08-02	SPECIFIC CONDUCTANCE	134.5	Epilimnion	TOTAL	uS/cm
2008-07-21	NITROGEN, NITRATE-NITRITE	0.01562	Epilimnion	TOTAL	mg/L
2008-07-21	PHOSPHORUS, TOTAL	0.0204	Epilimnion	TOTAL	mg/L
2008-07-28	PHOSPHORUS, TOTAL	0.0125	Epilimnion	TOTAL	mg/L
2008-07-28	PH	6.64	Epilimnion	Not Applicable	pH units
2008-07-28	CHLOROPHYLL A	4	Epilimnion	TOTAL	ug/L
2008-07-28	SPECIFIC CONDUCTANCE	125.3	Epilimnion	TOTAL	uS/cm
2008-07-28	NITROGEN, TOTAL	0.157751	Epilimnion	TOTAL	mg/L
2008-07-28	NITROGEN, AMMONIA (AS N)	0.04311	Epilimnion	TOTAL	mg/L
2008-07-28	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-07-28	NITROGEN, NITRATE-NITRITE	0.023038	Epilimnion	TOTAL	mg/L
2008-07-28	TRUE COLOR	12	Epilimnion	TOTAL	color units
2008-07-28	ACIDITY, HYDROGEN ION (H+)	1.99526231496888e-07	Epilimnion	Not Applicable	
2015-08-09	CHLORIDE	48.3	Epilimnion	TOTAL	mg/L
2015-08-09	NITROGEN, TOTAL	0.469	Epilimnion	TOTAL	mg/L
2015-08-09	SPECIFIC CONDUCTANCE	170.3	Epilimnion	TOTAL	uS/cm
2015-08-09	PHOSPHORUS, TOTAL	0.0351	Epilimnion	TOTAL	mg/L
2015-08-09	NITROGEN, NITRATE-NITRITE	0.009	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2015-08-09	PH	7.24	Epilimnion	Not Applicable	pH units
2015-08-09	NITROGEN, AMMONIA (AS N)	0.035	Epilimnion	TOTAL	mg/L
2008-08-11	NITROGEN, NITRATE-NITRITE	0.003	Epilimnion	TOTAL	mg/L
2008-08-11	TRUE COLOR	10	Epilimnion	TOTAL	color units
2008-08-26	PHOSPHORUS, TOTAL	ND	Hypolimnion	TOTAL	mg/L
2007-08-27	PH	7.6	Epilimnion	Not Applicable	pH units
2007-08-27	PHOSPHORUS, TOTAL	0.0136	Epilimnion	TOTAL	mg/L
2007-08-27	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2007-08-27	CALCIUM	4.94	Epilimnion	TOTAL	mg/L
2007-08-27	TRUE COLOR	13	Epilimnion	TOTAL	color units
2007-08-27	ACIDITY, HYDROGEN ION (H+)	2.51188643150958e-08	Epilimnion	Not Applicable	
2007-09-09	CHLOROPHYLL A	0.69	Epilimnion	TOTAL	ug/L
2007-09-09	NITROGEN, NITRATE-NITRITE	0.01604	Epilimnion	TOTAL	mg/L
2007-09-09	NITROGEN, TOTAL	0.905811	Epilimnion	TOTAL	mg/L
2007-09-09	PHOSPHORUS, TOTAL	0.0146	Epilimnion	TOTAL	mg/L
2007-09-09	SPECIFIC CONDUCTANCE	125.5	Epilimnion	TOTAL	uS/cm
2007-09-09	PH	8.43	Epilimnion	Not Applicable	pH units
2007-09-09	NITROGEN, TOTAL DISSOLVED	0.49485	Epilimnion	DISSOLVED	mg/L
2007-09-09	TRUE COLOR	31	Epilimnion	TOTAL	color units
2007-09-09	ACIDITY, HYDROGEN ION (H+)	3.71535229097172e-09	Epilimnion	Not Applicable	
2007-09-09	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-09-09	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2014-08-24	CHLOROPHYLL A	3.8	Epilimnion	TOTAL	ug/L
2014-08-24	NITROGEN, AMMONIA (AS N)	0.007	Epilimnion	TOTAL	mg/L
2014-08-24	NITROGEN, TOTAL	0.323	Epilimnion	TOTAL	mg/L
2007-09-26	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2007-09-26	NITROGEN, NITRATE-NITRITE	0.0025	Epilimnion	TOTAL	mg/L
2007-09-26	ACIDITY, HYDROGEN ION (H+)	4.78630092322637e-09	Epilimnion	Not Applicable	
2007-09-26	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-09-26	CHLOROPHYLL A	1.88	Epilimnion	TOTAL	ug/L
2007-09-26	SPECIFIC CONDUCTANCE	107	Epilimnion	TOTAL	uS/cm
2007-09-26	NITROGEN, TOTAL	0.55243	Epilimnion	TOTAL	mg/L
2018-06-25	NITROGEN, NITRATE-NITRITE	0.005	Epilimnion	TOTAL	mg/L
2018-06-25	SPECIFIC CONDUCTANCE	218.6	Epilimnion	TOTAL	uS/cm
2018-06-25	PHOSPHORUS, DISSOLVED	0.0048	Epilimnion	DISSOLVED	mg/L
2018-06-25	CHLOROPHYLL A	2.3	Epilimnion	TOTAL	ug/L
2018-06-25	NITROGEN, TOTAL	0.328	Epilimnion	TOTAL	mg/L
2018-06-25	CHLOROPHYLL A (PROBE)	3.245	Epilimnion	Not Applicable	RFU
2013-08-05	PH	7.35	Epilimnion	Not	pH

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
				Applicable	units
2013-08-05	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2013-08-05	NITROGEN, TOTAL	0.471488	Epilimnion	TOTAL	mg/L
2013-08-05	SPECIFIC CONDUCTANCE	114.7	Epilimnion	TOTAL	uS/cm
2013-09-02	NITROGEN, TOTAL	0.404427	Epilimnion	TOTAL	mg/L
2013-09-02	TRUE COLOR	16	Epilimnion	TOTAL	color units
2013-09-02	PHOSPHORUS, TOTAL	0.016	Epilimnion	TOTAL	mg/L
2013-09-02	SPECIFIC CONDUCTANCE	128.9	Epilimnion	TOTAL	uS/cm
2013-09-02	CHLOROPHYLL A	2.3	Epilimnion	TOTAL	ug/L
2013-09-02	NITROGEN, NITRATE-NITRITE	0.006	Epilimnion	TOTAL	mg/L
2013-09-02	PH	7.77	Epilimnion	Not Applicable	pH units
2009-07-20	ACIDITY, HYDROGEN ION (H+)	5.12861383991364e-07	Epilimnion	Not Applicable	
2009-07-20	CHLOROPHYLL A	4.31	Epilimnion	TOTAL	ug/L
2013-09-15	SPECIFIC CONDUCTANCE	126.1	Epilimnion	TOTAL	uS/cm
2013-09-15	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2008-07-21	PH	6.7	Epilimnion	Not Applicable	pH units
2008-07-21	TRUE COLOR	11	Epilimnion	TOTAL	color units
2009-07-20	SPECIFIC CONDUCTANCE	155.8	Epilimnion	TOTAL	uS/cm
2009-07-20	NITROGEN, AMMONIA (AS N)	0.066	Epilimnion	TOTAL	mg/L
2009-07-20	NITROGEN, TOTAL	0.289	Epilimnion	TOTAL	mg/L
2009-08-03	CHLOROPHYLL A	6.04	Epilimnion	TOTAL	ug/L
2009-08-03	PHOSPHORUS, TOTAL	0.0261	Epilimnion	TOTAL	mg/L
2009-08-03	NITROGEN, TOTAL	0.286	Epilimnion	TOTAL	mg/L
2009-08-03	PH	7.71	Epilimnion	Not Applicable	pH units
2009-08-03	NITROGEN, AMMONIA (AS N)	0.048	Epilimnion	TOTAL	mg/L
2009-08-03	TRUE COLOR	23	Epilimnion	TOTAL	color units
2009-08-03	NITROGEN, NITRATE-NITRITE	0.0075	Epilimnion	TOTAL	mg/L
2009-08-03	ACIDITY, HYDROGEN ION (H+)	1.94984459975804e-08	Epilimnion	Not Applicable	
2009-08-03	SPECIFIC CONDUCTANCE	65.38	Epilimnion	TOTAL	uS/cm
2009-08-18	PH	6.5	Epilimnion	Not Applicable	pH units
2009-08-18	PHOSPHORUS, TOTAL	0.0152	Epilimnion	TOTAL	mg/L
2009-08-18	CHLOROPHYLL A	3.4	Epilimnion	TOTAL	ug/L
2009-08-18	TRUE COLOR	30	Epilimnion	TOTAL	color units
2009-08-18	SPECIFIC CONDUCTANCE	102.8	Epilimnion	TOTAL	uS/cm
2009-08-18	NITROGEN, TOTAL	0.312	Epilimnion	TOTAL	mg/L
2009-08-18	NITROGEN, AMMONIA (AS N)	0.013	Epilimnion	TOTAL	mg/L
2009-08-18	ACIDITY, HYDROGEN ION (H+)	3.16227766016837e-07	Epilimnion	Not Applicable	
2009-08-18	NITROGEN, NITRATE-NITRITE	0.035535	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2009-08-30	NITROGEN, TOTAL	0.363	Epilimnion	TOTAL	mg/L
2009-08-30	SPECIFIC CONDUCTANCE	111.5	Epilimnion	TOTAL	uS/cm
2009-08-30	PHOSPHORUS, TOTAL	0.0175	Epilimnion	TOTAL	mg/L
2009-08-30	PH	6.9	Epilimnion	Not Applicable	pH units
2013-06-24	SPECIFIC CONDUCTANCE	123.9	Epilimnion	TOTAL	uS/cm
2013-07-09	SPECIFIC CONDUCTANCE	109.5	Epilimnion	TOTAL	uS/cm
2013-07-09	PHOSPHORUS, TOTAL	0.0165	Epilimnion	TOTAL	mg/L
2013-07-09	PH	8.49	Epilimnion	Not Applicable	pH units
2013-07-09	NITROGEN, TOTAL	0.290825	Epilimnion	TOTAL	mg/L
2009-09-28	SPECIFIC CONDUCTANCE	130.1	Epilimnion	TOTAL	uS/cm
2009-09-28	PH	7.71	Epilimnion	Not Applicable	pH units
2009-09-28	NITROGEN, NITRATE-NITRITE	0.0075	Epilimnion	TOTAL	mg/L
2009-09-28	ACIDITY, HYDROGEN ION (H+)	1.94984459975804e-08	Epilimnion	Not Applicable	
2009-09-28	NITROGEN, TOTAL	0.254	Epilimnion	TOTAL	mg/L
2009-09-28	NITROGEN, AMMONIA (AS N)	0.029	Epilimnion	TOTAL	mg/L
2009-09-28	TRUE COLOR	24	Epilimnion	TOTAL	color units
2009-09-28	PHOSPHORUS, TOTAL	0.0134	Epilimnion	TOTAL	mg/L
2010-06-20	NITROGEN, TOTAL	3.747	Epilimnion	TOTAL	mg/L
2010-06-20	PHOSPHORUS, TOTAL	0.0141	Epilimnion	TOTAL	mg/L
2010-06-20	SPECIFIC CONDUCTANCE	132.7	Epilimnion	TOTAL	uS/cm
2010-06-20	NITROGEN, NITRATE-NITRITE	0.011661	Epilimnion	TOTAL	mg/L
2010-06-20	NITROGEN, AMMONIA (AS N)	0.409	Epilimnion	TOTAL	mg/L
2010-06-20	CALCIUM	4.9	Epilimnion	TOTAL	mg/L
2010-06-20	TRUE COLOR	13	Epilimnion	TOTAL	color units
2010-06-20	ACIDITY, HYDROGEN ION (H+)	1.07151930523761e-07	Epilimnion	Not Applicable	
2010-06-20	CHLOROPHYLL A	0.7	Epilimnion	TOTAL	ug/L
2010-06-20	PH	6.97	Epilimnion	Not Applicable	pH units
2010-07-04	PHOSPHORUS, TOTAL	0.0145	Epilimnion	TOTAL	mg/L
2010-07-04	NITROGEN, AMMONIA (AS N)	0.019	Epilimnion	TOTAL	mg/L
2010-07-04	NITROGEN, NITRATE-NITRITE	0.021	Epilimnion	TOTAL	mg/L
2019-09-23	NITROGEN, AMMONIA (AS N)	ND	Epilimnion	TOTAL	mg/L
2019-09-23	TRUE COLOR	12	Epilimnion	TOTAL	color units
2019-09-23	PH	6.67	Epilimnion	Not Applicable	pH units
2019-09-23	NITROGEN, TOTAL DISSOLVED	0.259	Epilimnion	DISSOLVED	mg/L
2019-09-23	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-09-23	SPECIFIC CONDUCTANCE	157.2	Epilimnion	TOTAL	uS/cm
2019-09-23	NITROGEN, TOTAL	0.27	Epilimnion	TOTAL	mg/L
2022-06-20	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2022-06-20	PHOSPHORUS, TOTAL	0.011856	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2022-06-20	SPECIFIC CONDUCTANCE	142.8	Epilimnion	TOTAL	uS/cm
2022-06-20	CHLORIDE	36.9	Epilimnion	TOTAL	mg/L
2022-06-20	TRUE COLOR	5	Epilimnion	TOTAL	color units
2022-06-20	NITROGEN, TOTAL	0.267903	Epilimnion	TOTAL	mg/L
2022-06-20	CHLOROPHYLL A	2.688	Epilimnion	TOTAL	ug/L
2022-06-20	NITROGEN, AMMONIA (AS N)	0.031997	Epilimnion	TOTAL	mg/L
2022-06-20	PH	6.83	Epilimnion	Not Applicable	pH units
2022-07-04	CHLOROPHYLL A	2.032	Epilimnion	TOTAL	ug/L
2022-07-04	NITROGEN, AMMONIA (AS N)	0.027889	Epilimnion	TOTAL	mg/L
2022-07-04	NITROGEN, NITRATE-NITRITE	1e-05	Epilimnion	TOTAL	mg/L
2022-07-04	PHOSPHORUS, TOTAL	0.009494	Epilimnion	TOTAL	mg/L
2014-07-14	SPECIFIC CONDUCTANCE	142.6	Epilimnion	TOTAL	uS/cm
2014-07-14	PH	7.46	Epilimnion	Not Applicable	pH units
2014-07-14	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2007-07-17	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-07-17	NITROGEN, NITRATE-NITRITE	0.00857	Epilimnion	TOTAL	mg/L
2007-07-17	SPECIFIC CONDUCTANCE	96.61	Epilimnion	TOTAL	uS/cm
2007-07-17	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2007-07-17	PH	7.27	Epilimnion	Not Applicable	pH units
2007-07-17	PHOSPHORUS, TOTAL	0.023	Epilimnion	TOTAL	mg/L
2017-09-24	SPECIFIC CONDUCTANCE	167.8	Epilimnion	TOTAL	uS/cm
2022-07-19	PH	7.33	Epilimnion	Not Applicable	pH units
2022-07-19	NITROGEN, TOTAL	0.33901	Epilimnion	TOTAL	mg/L
2017-09-24	NITROGEN, AMMONIA (AS N)	0.017	Epilimnion	TOTAL	mg/L
2017-09-24	NITROGEN, TOTAL	0.403	Epilimnion	TOTAL	mg/L
2017-09-24	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2018-06-11	CHLOROPHYLL A (PROBE)	2.909	Epilimnion	Not Applicable	RFU
2018-06-11	NITROGEN, AMMONIA (AS N)	0.011	Epilimnion	TOTAL	mg/L
2018-06-11	NITROGEN, TOTAL DISSOLVED	0.428	Epilimnion	DISSOLVED	mg/L
2018-06-11	TRUE COLOR	17	Epilimnion	TOTAL	color units
2018-06-11	PH	7	Epilimnion	Not Applicable	pH units
2018-06-11	SPECIFIC CONDUCTANCE	181.1	Epilimnion	TOTAL	uS/cm
2018-06-11	CHLOROPHYLL A	1.9	Epilimnion	TOTAL	ug/L
2018-06-11	CALCIUM	5.88	Epilimnion	TOTAL	mg/L
2018-06-11	PHOSPHORUS, DISSOLVED	0.0047	Epilimnion	DISSOLVED	mg/L
2018-06-11	NITROGEN, TOTAL	0.488	Epilimnion	TOTAL	mg/L
2018-06-11	PHOSPHORUS, TOTAL	0.0061	Epilimnion	TOTAL	mg/L
2018-06-11	NITROGEN, NITRATE-NITRITE	0.013	Epilimnion	TOTAL	mg/L
2018-06-25	NITROGEN, TOTAL DISSOLVED	0.32	Epilimnion	DISSOLVED	mg/L
2018-06-25	PHOSPHORUS, TOTAL	0.0128	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2018-06-25	TRUE COLOR	14	Epilimnion	TOTAL	color units
2018-06-25	PH	7.3	Epilimnion	Not Applicable	pH units
2018-06-25	NITROGEN, AMMONIA (AS N)	0.014	Epilimnion	TOTAL	mg/L
2013-07-22	NITROGEN, TOTAL	0.213	Epilimnion	TOTAL	mg/L
2013-07-22	NITROGEN, AMMONIA (AS N)	0.011	Epilimnion	TOTAL	mg/L
2013-07-22	SPECIFIC CONDUCTANCE	111.9	Epilimnion	TOTAL	uS/cm
2013-07-22	PHOSPHORUS, TOTAL	0.0158	Epilimnion	TOTAL	mg/L
2013-08-05	PHOSPHORUS, TOTAL	0.0172	Epilimnion	TOTAL	mg/L
2013-08-05	TRUE COLOR	21	Epilimnion	TOTAL	color units
2013-08-05	CHLOROPHYLL A	2.7	Epilimnion	TOTAL	ug/L
2008-10-13	NITROGEN, TOTAL	0.284241	Epilimnion	TOTAL	mg/L
2008-10-13	TRUE COLOR	13	Epilimnion	TOTAL	color units
2008-10-13	SPECIFIC CONDUCTANCE	130.3	Epilimnion	TOTAL	uS/cm
2008-10-13	NITROGEN, NITRATE-NITRITE	0.007657	Epilimnion	TOTAL	mg/L
2018-07-10	CHLORIDE	47.9	Epilimnion	TOTAL	mg/L
2018-07-10	CHLOROPHYLL A (PROBE)	1.947	Epilimnion	Not Applicable	RFU
2015-07-12	NITROGEN, NITRATE-NITRITE	0.00275	Epilimnion	TOTAL	mg/L
2015-07-12	CALCIUM	6.52	Epilimnion	TOTAL	mg/L
2015-07-12	TRUE COLOR	18	Epilimnion	TOTAL	color units
2015-07-12	SPECIFIC CONDUCTANCE	145.9	Epilimnion	TOTAL	uS/cm
2015-07-12	NITROGEN, TOTAL	0.652	Epilimnion	TOTAL	mg/L
2015-07-12	CHLOROPHYLL A	5.8	Epilimnion	TOTAL	ug/L
2015-07-12	PHOSPHORUS, TOTAL	0.0719	Epilimnion	TOTAL	mg/L
2015-07-12	NITROGEN, AMMONIA (AS N)	0.04	Epilimnion	TOTAL	mg/L
2015-07-12	PH	7.42	Epilimnion	Not Applicable	pH units
2015-07-26	NITROGEN, TOTAL	0.472	Epilimnion	TOTAL	mg/L
2015-07-26	TRUE COLOR	17	Epilimnion	TOTAL	color units
2015-07-26	PH	7.75	Epilimnion	Not Applicable	pH units
2015-07-26	SPECIFIC CONDUCTANCE	161.8	Epilimnion	TOTAL	uS/cm
2015-07-26	CHLOROPHYLL A	3.3	Epilimnion	TOTAL	ug/L
2015-07-26	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2015-07-26	PHOSPHORUS, TOTAL	0.0184	Epilimnion	TOTAL	mg/L
2015-08-09	CHLOROPHYLL A	2.9	Epilimnion	TOTAL	ug/L
2018-08-12	TRUE COLOR	16	Epilimnion	TOTAL	color units
2018-08-12	CALCIUM	6.02	Epilimnion	TOTAL	mg/L
2018-08-12	PHOSPHORUS, TOTAL	0.0073	Epilimnion	TOTAL	mg/L
2018-08-12	CHLOROPHYLL A (PROBE)	6.148	Epilimnion	Not Applicable	RFU
2018-08-12	NITROGEN, NITRATE-NITRITE	0.005	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2015-08-09	TRUE COLOR	18	Epilimnion	TOTAL	color units
2008-08-26	NITROGEN, TOTAL	0.286419	Epilimnion	TOTAL	mg/L
2008-08-26	NITROGEN, NITRATE-NITRITE	0.008682	Epilimnion	TOTAL	mg/L
2008-08-26	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-08-26	CHLOROPHYLL A	3.44	Epilimnion	TOTAL	ug/L
2008-08-26	PHOSPHORUS, TOTAL	0.0278	Epilimnion	TOTAL	mg/L
2008-08-26	ACIDITY, HYDROGEN ION (H+)	3.01995172040202e-07	Epilimnion	Not Applicable	
2008-08-26	PH	7.69	Epilimnion	Not Applicable	pH units
2008-08-26	TRUE COLOR	14	Epilimnion	TOTAL	color units
2008-08-26	CALCIUM	5.5	Epilimnion	TOTAL	mg/L
2008-08-26	SPECIFIC CONDUCTANCE	142.1	Epilimnion	TOTAL	uS/cm
2008-08-26	NITROGEN, AMMONIA (AS N)	0.06383	Epilimnion	TOTAL	mg/L
2008-09-16	PHOSPHORUS, TOTAL	ND	Hypolimnion	TOTAL	mg/L
2013-07-09	CHLOROPHYLL A	3.4	Epilimnion	TOTAL	ug/L
2013-07-09	TRUE COLOR	21	Epilimnion	TOTAL	color units
2013-07-09	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2013-07-22	CHLOROPHYLL A	1.8	Epilimnion	TOTAL	ug/L
2013-07-22	PH	8.22	Epilimnion	Not Applicable	pH units
2013-07-22	NITROGEN, NITRATE-NITRITE	0.006	Epilimnion	TOTAL	mg/L
2013-07-22	TRUE COLOR	25	Epilimnion	TOTAL	color units
2019-08-20	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-08-20	CHLOROPHYLL A	2.844	Epilimnion	TOTAL	ug/L
2019-09-09	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-09-09	NITROGEN, AMMONIA (AS N)	0.0336	Epilimnion	TOTAL	mg/L
2019-09-09	DEPTH, SECCHI DISK DEPTH	2.8	Epilimnion	Not Applicable	m
2019-09-09	NITROGEN, TOTAL	0.223	Epilimnion	TOTAL	mg/L
2019-09-09	SPECIFIC CONDUCTANCE	163.3	Epilimnion	TOTAL	uS/cm
2019-09-09	PH	6.28	Epilimnion	Not Applicable	pH units
2019-09-09	TRUE COLOR	12	Epilimnion	TOTAL	color units
2019-09-09	CHLOROPHYLL A	6.512	Epilimnion	TOTAL	ug/L
2008-10-13	NITROGEN, AMMONIA (AS N)	0.002	Epilimnion	TOTAL	mg/L
2008-10-13	ACIDITY, HYDROGEN ION (H+)	2.57039578276886e-08	Epilimnion	Not Applicable	
2008-10-13	CHLOROPHYLL A	5.34	Epilimnion	TOTAL	ug/L
2009-06-29	PHOSPHORUS, TOTAL	0.0159	Epilimnion	TOTAL	mg/L
2009-06-29	ACIDITY, HYDROGEN ION (H+)	9.54992586021435e-09	Epilimnion	Not Applicable	
2009-06-29	NITROGEN, AMMONIA (AS N)	0.002	Epilimnion	TOTAL	mg/L
2009-06-29	CALCIUM	6.11	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2009-06-29	NITROGEN, TOTAL	0.204582	Epilimnion	TOTAL	mg/L
2009-06-29	CHLOROPHYLL A	4.21	Epilimnion	TOTAL	ug/L
2009-06-29	NITROGEN, NITRATE-NITRITE	0.003	Epilimnion	TOTAL	mg/L
2009-06-29	SPECIFIC CONDUCTANCE	138.6	Epilimnion	TOTAL	uS/cm
2009-06-29	PH	8.02	Epilimnion	Not Applicable	pH units
2008-07-21	NITROGEN, TOTAL	0.19801	Epilimnion	TOTAL	mg/L
2017-06-21	PHOSPHORUS, TOTAL	0.0138	Epilimnion	TOTAL	mg/L
2017-06-21	SPECIFIC CONDUCTANCE	188.5	Epilimnion	TOTAL	uS/cm
2009-07-20	PH	6.29	Epilimnion	Not Applicable	pH units
2009-07-20	NITROGEN, NITRATE-NITRITE	0.0075	Epilimnion	TOTAL	mg/L
2009-07-20	PHOSPHORUS, TOTAL	0.0157	Epilimnion	TOTAL	mg/L
2009-07-20	TRUE COLOR	26	Epilimnion	TOTAL	color units
2006-06-13	NITROGEN, TOTAL	0.40832	Epilimnion	TOTAL	mg/L
2006-06-13	CALCIUM	6.98	Epilimnion	TOTAL	mg/L
2013-09-15	TRUE COLOR	23	Epilimnion	TOTAL	color units
2013-09-15	PHOSPHORUS, TOTAL	0.0168	Epilimnion	TOTAL	mg/L
2013-09-15	PH	8.82	Epilimnion	Not Applicable	pH units
2013-09-15	NITROGEN, TOTAL	0.367835	Epilimnion	TOTAL	mg/L
2013-09-15	CHLOROPHYLL A	3	Epilimnion	TOTAL	ug/L
2013-09-29	NITROGEN, TOTAL	0.350961	Epilimnion	TOTAL	mg/L
2013-09-29	NITROGEN, NITRATE-NITRITE	0.006	Epilimnion	TOTAL	mg/L
2013-09-29	PHOSPHORUS, TOTAL	0.0153	Epilimnion	TOTAL	mg/L
2013-09-29	CHLOROPHYLL A	2.1	Epilimnion	TOTAL	ug/L
2013-09-29	SPECIFIC CONDUCTANCE	106.4	Epilimnion	TOTAL	uS/cm
2013-09-29	NITROGEN, AMMONIA (AS N)	0.018853	Epilimnion	TOTAL	mg/L
2013-09-29	TRUE COLOR	13	Epilimnion	TOTAL	color units
2013-09-29	PH	6.8	Epilimnion	Not Applicable	pH units
2009-08-30	NITROGEN, NITRATE-NITRITE	0.018	Epilimnion	TOTAL	mg/L
2009-08-30	CALCIUM	5.2	Epilimnion	TOTAL	mg/L
2009-08-30	TRUE COLOR	40	Epilimnion	TOTAL	color units
2009-08-30	ACIDITY, HYDROGEN ION (H+)	1.25892541179417e-07	Epilimnion	Not Applicable	
2009-08-30	CHLOROPHYLL A	5	Epilimnion	TOTAL	ug/L
2009-08-30	NITROGEN, AMMONIA (AS N)	0.178	Epilimnion	TOTAL	mg/L
2009-09-13	PH	7.6	Epilimnion	Not Applicable	pH units
2009-09-13	NITROGEN, TOTAL	0.321	Epilimnion	TOTAL	mg/L
2009-09-13	PHOSPHORUS, TOTAL	0.0152	Epilimnion	TOTAL	mg/L
2009-09-13	SPECIFIC CONDUCTANCE	92.4	Epilimnion	TOTAL	uS/cm
2009-09-13	ACIDITY, HYDROGEN ION (H+)	2.51188643150958e-08	Epilimnion	Not Applicable	

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2009-09-13	CHLOROPHYLL A	3.9	Epilimnion	TOTAL	ug/L
2009-09-13	NITROGEN, NITRATE-NITRITE	0.0075	Epilimnion	TOTAL	mg/L
2009-09-13	NITROGEN, AMMONIA (AS N)	0.012	Epilimnion	TOTAL	mg/L
2009-09-13	TRUE COLOR	29	Epilimnion	TOTAL	color units
2009-09-28	CHLOROPHYLL A	4.11	Epilimnion	TOTAL	ug/L
2019-08-20	NITROGEN, TOTAL	0.213	Epilimnion	TOTAL	mg/L
2019-08-20	NITROGEN, AMMONIA (AS N)	0.0207	Epilimnion	TOTAL	mg/L
2008-10-01	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-10-01	NITROGEN, AMMONIA (AS N)	0.002	Epilimnion	TOTAL	mg/L
2008-10-01	NITROGEN, TOTAL	0.227807	Epilimnion	TOTAL	mg/L
2008-10-01	PH	7.59	Epilimnion	Not Applicable	pH units
2008-10-01	NITROGEN, NITRATE-NITRITE	0.019015	Epilimnion	TOTAL	mg/L
2008-10-01	TRUE COLOR	7	Epilimnion	TOTAL	color units
2008-10-01	ACIDITY, HYDROGEN ION (H+)	6.16595001861481e-08	Epilimnion	Not Applicable	
2008-10-01	PHOSPHORUS, TOTAL	0.0133	Epilimnion	TOTAL	mg/L
2008-10-01	CHLOROPHYLL A	6.04	Epilimnion	TOTAL	ug/L
2008-10-01	SPECIFIC CONDUCTANCE	141.1	Epilimnion	TOTAL	uS/cm
2008-10-13	PHOSPHORUS, TOTAL	0.0245	Epilimnion	TOTAL	mg/L
2008-10-13	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2019-09-09	CHLORIDE	42.7	Epilimnion	TOTAL	mg/L
2019-09-23	CHLOROPHYLL A	0.7216	Epilimnion	TOTAL	ug/L
2014-06-15	SPECIFIC CONDUCTANCE	137.6	Epilimnion	TOTAL	uS/cm
2014-06-29	NITROGEN, AMMONIA (AS N)	0.007	Epilimnion	TOTAL	mg/L
2014-06-29	TRUE COLOR	16	Epilimnion	TOTAL	color units
2014-06-29	NITROGEN, TOTAL	0.314	Epilimnion	TOTAL	mg/L
2014-06-29	PHOSPHORUS, TOTAL	0.0111	Epilimnion	TOTAL	mg/L
2014-06-29	NITROGEN, NITRATE-NITRITE	0.0241359999999999	Epilimnion	TOTAL	mg/L
2014-06-29	SPECIFIC CONDUCTANCE	138.3	Epilimnion	TOTAL	uS/cm
2014-06-29	CHLOROPHYLL A	0.5	Epilimnion	TOTAL	ug/L
2014-06-29	PH	8.26	Epilimnion	Not Applicable	pH units
2014-07-14	TRUE COLOR	12	Epilimnion	TOTAL	color units
2014-07-14	NITROGEN, TOTAL	0.361	Epilimnion	TOTAL	mg/L
2014-07-14	CHLOROPHYLL A	4	Epilimnion	TOTAL	ug/L
2014-07-14	CHLOROPHYLL A (PROBE) CONCENTRATION, CHRYSOPHYTA (BROWN ALGAE)	0.29	Epilimnion	Not Applicable	ug/L
2014-07-14	PHOSPHORUS, TOTAL	0.0123	Epilimnion	TOTAL	mg/L
2007-07-17	NITROGEN, TOTAL DISSOLVED	0.55358	Epilimnion	DISSOLVED	mg/L
2007-07-17	NITROGEN, TOTAL	0.46361	Epilimnion	TOTAL	mg/L
2007-07-17	ACIDITY, HYDROGEN ION (H+)	5.37031796370252e-08	Epilimnion	Not Applicable	
2007-07-17	TRUE COLOR	17	Epilimnion	TOTAL	color

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
					units
2007-07-17	CHLOROPHYLL A	3.53	Epilimnion	TOTAL	ug/L
2017-09-24	TRUE COLOR	8	Epilimnion	TOTAL	color units
2017-09-24	CHLOROPHYLL A	1.9	Epilimnion	TOTAL	ug/L
2006-06-27	PHOSPHORUS, TOTAL	0.0197	Epilimnion	TOTAL	mg/L
2017-09-24	PH	7.68	Epilimnion	Not Applicable	pH units
2017-09-24	PHOSPHORUS, TOTAL	0.009	Epilimnion	TOTAL	mg/L
2006-07-10	PHOSPHORUS, TOTAL	0.0243	Epilimnion	TOTAL	mg/L
2006-07-10	SPECIFIC CONDUCTANCE	118.7	Epilimnion	TOTAL	uS/cm
2006-07-10	CHLOROPHYLL A	5.19	Epilimnion	TOTAL	ug/L
2006-07-10	PH	7.66	Epilimnion	Not Applicable	pH units
2018-08-12	NITROGEN, TOTAL DISSOLVED	0.342	Epilimnion	DISSOLVED	mg/L
2018-08-12	NITROGEN, AMMONIA (AS N)	0.005	Epilimnion	TOTAL	mg/L
2018-08-12	CHLOROPHYLL A	3.9	Epilimnion	TOTAL	ug/L
2018-08-12	PHOSPHORUS, DISSOLVED	0.0042	Epilimnion	DISSOLVED	mg/L
2018-08-12	PH	6.51	Epilimnion	Not Applicable	pH units
2018-08-12	NITROGEN, TOTAL	0.343	Epilimnion	TOTAL	mg/L
2018-08-12	SPECIFIC CONDUCTANCE	151.1	Epilimnion	TOTAL	uS/cm
2018-08-27	CHLOROPHYLL A (PROBE)	3.034	Epilimnion	Not Applicable	RFU
2018-08-27	PH	7.11	Epilimnion	Not Applicable	pH units
2018-08-27	PHOSPHORUS, TOTAL	0.0105	Epilimnion	TOTAL	mg/L
2008-09-16	NITROGEN, AMMONIA (AS N)	0.01772	Epilimnion	TOTAL	mg/L
2008-09-16	ACIDITY, HYDROGEN ION (H+)	2.04173794466953e-08	Epilimnion	Not Applicable	
2008-09-16	PH	7.21	Epilimnion	Not Applicable	pH units
2008-09-16	NITROGEN, TOTAL	0.279068	Epilimnion	TOTAL	mg/L
2008-09-16	NITROGEN, NITRATE-NITRITE	0.017634	Epilimnion	TOTAL	mg/L
2008-09-16	NITROGEN, NITRITE	0.001	Epilimnion	TOTAL	mg/L
2008-09-16	PHOSPHORUS, TOTAL	0.0144	Epilimnion	TOTAL	mg/L
2008-09-16	SPECIFIC CONDUCTANCE	129	Epilimnion	TOTAL	uS/cm
2008-09-16	CHLOROPHYLL A	4.19	Epilimnion	TOTAL	ug/L
2008-09-16	TRUE COLOR	7	Epilimnion	TOTAL	color units
2014-06-01	NITROGEN, AMMONIA (AS N)	0.031	Epilimnion	TOTAL	mg/L
2014-06-01	TRUE COLOR	20	Epilimnion	TOTAL	color units
2014-06-01	PH	7.06	Epilimnion	Not Applicable	pH units
2014-06-15	CHLOROPHYLL A (PROBE) CONCENTRATION, CHRYSOPHYTA (BROWN ALGAE)	0.21	Epilimnion	Not Applicable	ug/L
2014-06-15	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2014-06-15	TRUE COLOR	15	Epilimnion	TOTAL	color units
2014-06-15	PHOSPHORUS, TOTAL	0.0135	Epilimnion	TOTAL	mg/L
2008-10-13	PH	6.08	Epilimnion	Not Applicable	pH units
2018-09-19	SPECIFIC CONDUCTANCE	120.1	Epilimnion	TOTAL	uS/cm
2018-09-19	CHLOROPHYLL A (PROBE)	2.717	Epilimnion	Not Applicable	RFU
2018-09-19	CHLOROPHYLL A	1.6	Epilimnion	TOTAL	ug/L
2018-07-10	CHLOROPHYLL A	4	Epilimnion	TOTAL	ug/L
2018-07-10	TRUE COLOR	15	Epilimnion	TOTAL	color units
2018-07-10	SPECIFIC CONDUCTANCE	191.8	Epilimnion	TOTAL	uS/cm
2018-07-10	PHOSPHORUS, TOTAL	0.0088	Epilimnion	TOTAL	mg/L
2018-07-10	NITROGEN, TOTAL	0.31	Epilimnion	TOTAL	mg/L
2018-07-10	PHOSPHORUS, DISSOLVED	0.0035	Epilimnion	DISSOLVED	mg/L
2018-07-10	NITROGEN, NITRATE-NITRITE	0.015	Epilimnion	TOTAL	mg/L
2018-07-10	NITROGEN, TOTAL DISSOLVED	0.295	Epilimnion	DISSOLVED	mg/L
2018-07-10	PH	7.44	Epilimnion	Not Applicable	pH units
2018-07-29	PHOSPHORUS, DISSOLVED	0.0039	Epilimnion	DISSOLVED	mg/L
2018-07-29	CHLOROPHYLL A (PROBE)	3.972	Epilimnion	Not Applicable	RFU
2018-07-29	NITROGEN, TOTAL DISSOLVED	0.336	Epilimnion	DISSOLVED	mg/L
2018-07-29	NITROGEN, AMMONIA (AS N)	0.012	Epilimnion	TOTAL	mg/L
2018-07-29	PH	8.88	Epilimnion	Not Applicable	pH units
2018-07-29	TRUE COLOR	13	Epilimnion	TOTAL	color units
2018-07-29	SPECIFIC CONDUCTANCE	196.9	Epilimnion	TOTAL	uS/cm
2018-07-29	NITROGEN, TOTAL	0.288	Epilimnion	TOTAL	mg/L
2018-07-29	NITROGEN, NITRATE-NITRITE	0.005	Epilimnion	TOTAL	mg/L
2018-07-29	PHOSPHORUS, TOTAL	0.0092	Epilimnion	TOTAL	mg/L
2018-07-29	CHLOROPHYLL A	3	Epilimnion	TOTAL	ug/L
2006-06-27	NITROGEN, TOTAL	0.39642	Epilimnion	TOTAL	mg/L
2006-06-27	NITROGEN, AMMONIA (AS N)	0.04808	Epilimnion	TOTAL	mg/L
2006-06-27	NITROGEN, NITRATE-NITRITE	0.017593	Epilimnion	TOTAL	mg/L
2019-07-07	DEPTH, SECCHI DISK DEPTH	3	Epilimnion	Not Applicable	m
2019-07-07	NITROGEN, TOTAL	0.286	Epilimnion	TOTAL	mg/L
2019-07-07	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-07-07	TRUE COLOR	11	Epilimnion	TOTAL	color units
2006-07-10	NITROGEN, TOTAL	0.35704	Epilimnion	TOTAL	mg/L
2006-07-10	ACIDITY, HYDROGEN ION (H+)	2.18776162394955e-08	Epilimnion	Not Applicable	
2006-07-10	TRUE COLOR	23	Epilimnion	TOTAL	color units
2006-07-10	NITROGEN, AMMONIA (AS N)	0.01339	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2006-07-10	NITROGEN, NITRATE-NITRITE	0.011868	Epilimnion	TOTAL	mg/L
2013-10-13	CHLOROPHYLL A	3.7	Epilimnion	TOTAL	ug/L
2013-10-13	SPECIFIC CONDUCTANCE	106.6	Epilimnion	TOTAL	uS/cm
2013-10-13	NITROGEN, TOTAL	0.417095	Epilimnion	TOTAL	mg/L
2013-10-13	PHOSPHORUS, TOTAL	0.0182	Epilimnion	TOTAL	mg/L
2013-10-13	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2013-10-13	TRUE COLOR	13	Epilimnion	TOTAL	color units
2013-10-13	PH	6.88	Epilimnion	Not Applicable	pH units
2014-06-01	CHLOROPHYLL A	3.5	Epilimnion	TOTAL	ug/L
2014-06-01	NITROGEN, NITRATE-NITRITE	0.037	Epilimnion	TOTAL	mg/L
2014-06-01	PHOSPHORUS, TOTAL	0.0149	Epilimnion	TOTAL	mg/L
2014-06-01	NITROGEN, TOTAL	0.29	Epilimnion	TOTAL	mg/L
2014-06-01	SPECIFIC CONDUCTANCE	125.3	Epilimnion	TOTAL	uS/cm
2015-09-07	SPECIFIC CONDUCTANCE	166.7	Epilimnion	TOTAL	uS/cm
2015-09-07	PH	7.89	Epilimnion	Not Applicable	pH units
2015-09-07	NITROGEN, NITRATE-NITRITE	0.006	Epilimnion	TOTAL	mg/L
2015-09-07	NITROGEN, TOTAL	0.281	Epilimnion	TOTAL	mg/L
2015-09-20	NITROGEN, TOTAL	0.318	Epilimnion	TOTAL	mg/L
2014-06-15	NITROGEN, TOTAL	0.302	Epilimnion	TOTAL	mg/L
2014-06-15	PH	6.87	Epilimnion	Not Applicable	pH units
2014-06-15	CHLOROPHYLL A	4.1	Epilimnion	TOTAL	ug/L
2018-09-19	PHOSPHORUS, DISSOLVED	0.0035	Epilimnion	DISSOLVED	mg/L
2018-09-19	NITROGEN, AMMONIA (AS N)	0.03	Epilimnion	TOTAL	mg/L
2019-06-17	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-06-17	CHLOROPHYLL A	4.712	Epilimnion	TOTAL	ug/L
2019-06-17	DEPTH, SECCHI DISK DEPTH	2.95	Epilimnion	Not Applicable	m
2019-06-17	NITROGEN, TOTAL	0.296	Epilimnion	TOTAL	mg/L
2019-06-17	PH	7	Epilimnion	Not Applicable	pH units
2019-06-17	NITROGEN, TOTAL DISSOLVED	0.202	Epilimnion	DISSOLVED	mg/L
2019-06-17	TRUE COLOR	16	Epilimnion	TOTAL	color units
2019-06-17	SPECIFIC CONDUCTANCE	151.7	Epilimnion	TOTAL	uS/cm
2019-06-17	NITROGEN, AMMONIA (AS N)	0.0541	Epilimnion	TOTAL	mg/L
2006-06-13	ACIDITY, HYDROGEN ION (H+)	1.62181009735893e-07	Epilimnion	Not Applicable	
2006-06-13	PHOSPHORUS, TOTAL	0.0211	Epilimnion	TOTAL	mg/L
2006-06-13	PH	6.79	Epilimnion	Not Applicable	pH units
2006-06-13	NITROGEN, NITRATE-NITRITE	0.030851	Epilimnion	TOTAL	mg/L
2006-06-13	CHLOROPHYLL A	4.56	Epilimnion	TOTAL	ug/L
2006-06-13	TRUE COLOR	11	Epilimnion	TOTAL	color units
2006-06-13	NITROGEN, AMMONIA (AS N)	0.01351	Epilimnion	TOTAL	mg/L

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2006-06-27	TRUE COLOR	28	Epilimnion	TOTAL	color units
2006-06-27	PH	6.57	Epilimnion	Not Applicable	pH units
2006-06-27	SPECIFIC CONDUCTANCE	110	Epilimnion	TOTAL	uS/cm
2006-06-27	CHLOROPHYLL A	7.48	Epilimnion	TOTAL	ug/L
2006-06-27	ACIDITY, HYDROGEN ION (H+)	2.69153480392691e-07	Epilimnion	Not Applicable	
2019-07-07	NITROGEN, TOTAL DISSOLVED	0.266	Epilimnion	DISSOLVED	mg/L
2019-07-07	SPECIFIC CONDUCTANCE	190.2	Epilimnion	TOTAL	uS/cm
2017-07-17	CHLOROPHYLL A	2.7	Epilimnion	TOTAL	ug/L
2017-07-17	PH	7.84	Epilimnion	Not Applicable	pH units
2017-07-17	TRUE COLOR	10	Epilimnion	TOTAL	color units
2019-07-21	TRUE COLOR	12	Epilimnion	TOTAL	color units
2019-07-21	DEPTH, SECCHI DISK DEPTH	2.85	Epilimnion	Not Applicable	m
2019-07-21	NITROGEN, TOTAL DISSOLVED	0.208	Epilimnion	DISSOLVED	mg/L
2019-07-21	NITROGEN, TOTAL	0.241	Epilimnion	TOTAL	mg/L
2019-07-21	CHLOROPHYLL A	1.9092	Epilimnion	TOTAL	ug/L
2015-08-23	NITROGEN, TOTAL	0.771	Epilimnion	TOTAL	mg/L
2015-08-23	PHOSPHORUS, TOTAL	0.0504	Epilimnion	TOTAL	mg/L
2015-08-23	PH	7.7	Epilimnion	Not Applicable	pH units
2015-08-23	CHLOROPHYLL A	2.3	Epilimnion	TOTAL	ug/L
2015-08-23	SPECIFIC CONDUCTANCE	171.8	Epilimnion	TOTAL	uS/cm
2015-08-23	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2015-08-23	TRUE COLOR	15	Epilimnion	TOTAL	color units
2015-09-07	CHLOROPHYLL A	3.4	Epilimnion	TOTAL	ug/L
2015-09-07	CALCIUM	5.73	Epilimnion	TOTAL	mg/L
2015-09-07	NITROGEN, AMMONIA (AS N)	0.038	Epilimnion	TOTAL	mg/L
2015-09-07	PHOSPHORUS, TOTAL	0.0208	Epilimnion	TOTAL	mg/L
2015-09-07	TRUE COLOR	10	Epilimnion	TOTAL	color units
2006-08-22	NITROGEN, NITRATE-NITRITE	0.012934	Epilimnion	TOTAL	mg/L
2006-08-22	CHLOROPHYLL A	4.85	Epilimnion	TOTAL	ug/L
2006-08-22	SPECIFIC CONDUCTANCE	109.3	Epilimnion	TOTAL	uS/cm
2006-08-22	ACIDITY, HYDROGEN ION (H+)	1.5135612484362e-08	Epilimnion	Not Applicable	
2006-08-22	PHOSPHORUS, TOTAL	0.013	Epilimnion	TOTAL	mg/L
2006-08-22	NITROGEN, TOTAL	0.46559	Epilimnion	TOTAL	mg/L
2006-09-05	PH	6.76	Epilimnion	Not Applicable	pH units
2006-09-05	PHOSPHORUS, TOTAL	0.0151	Epilimnion	TOTAL	mg/L
2006-09-05	TRUE COLOR	12	Epilimnion	TOTAL	color units

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2015-09-20	SPECIFIC CONDUCTANCE	177.7	Epilimnion	TOTAL	uS/cm
2015-09-20	CHLOROPHYLL A	3.1	Epilimnion	TOTAL	ug/L
2015-09-20	TRUE COLOR	10	Epilimnion	TOTAL	color units
2006-09-22	NITROGEN, AMMONIA (AS N)	0.0306	Epilimnion	TOTAL	mg/L
2006-09-22	NITROGEN, TOTAL	0.391185	Epilimnion	TOTAL	mg/L
2006-09-22	SPECIFIC CONDUCTANCE	103.8	Epilimnion	TOTAL	uS/cm
2006-09-22	TRUE COLOR	14	Epilimnion	TOTAL	color units
2006-09-22	ACIDITY, HYDROGEN ION (H+)	2.29086765276777e-08	Epilimnion	Not Applicable	
2006-09-22	CHLOROPHYLL A	4.45	Epilimnion	TOTAL	ug/L
2006-09-22	PH	7.64	Epilimnion	Not Applicable	pH units
2006-09-22	PHOSPHORUS, TOTAL	0.0123	Epilimnion	TOTAL	mg/L
2006-09-22	NITROGEN, NITRATE-NITRITE	0.01766	Epilimnion	TOTAL	mg/L
2007-07-02	NITROGEN, NITRATE-NITRITE	0.01326	Epilimnion	TOTAL	mg/L
2007-07-02	CHLOROPHYLL A	2.64	Epilimnion	TOTAL	ug/L
2007-07-02	NITROGEN, TOTAL	0.41146	Epilimnion	TOTAL	mg/L
2007-07-02	NITROGEN, NITRITE	0.0015	Epilimnion	TOTAL	mg/L
2007-07-02	NITROGEN, AMMONIA (AS N)	0.02103	Epilimnion	TOTAL	mg/L
2006-08-22	PH	7.82	Epilimnion	Not Applicable	pH units
2006-08-22	NITROGEN, AMMONIA (AS N)	0.02052	Epilimnion	TOTAL	mg/L
2007-07-02	PH	7.01	Epilimnion	Not Applicable	pH units
2007-07-02	SPECIFIC CONDUCTANCE	116	Epilimnion	TOTAL	uS/cm
2007-07-02	TRUE COLOR	15	Epilimnion	TOTAL	color units
2007-07-02	CALCIUM	5.18	Epilimnion	TOTAL	mg/L
2019-07-07	CHLOROPHYLL A	4.044	Epilimnion	TOTAL	ug/L
2019-07-07	PH	6.32	Epilimnion	Not Applicable	pH units
2019-07-07	NITROGEN, AMMONIA (AS N)	0.019	Epilimnion	TOTAL	mg/L
2019-08-04	CHLORIDE	39.9	Epilimnion	TOTAL	mg/L
2017-07-04	CHLOROPHYLL A	2.4	Epilimnion	TOTAL	ug/L
2019-08-20	TRUE COLOR	12	Epilimnion	TOTAL	color units
2019-08-20	SPECIFIC CONDUCTANCE	159.6	Epilimnion	TOTAL	uS/cm
2019-08-20	PH	6.73	Epilimnion	Not Applicable	pH units
2006-08-08	CHLOROPHYLL A	5.29	Epilimnion	TOTAL	ug/L
2017-07-17	PHOSPHORUS, TOTAL	0.0087	Epilimnion	TOTAL	mg/L
2017-07-17	SPECIFIC CONDUCTANCE	185.4	Epilimnion	TOTAL	uS/cm
2017-07-17	CHLORIDE	15.3	Epilimnion	TOTAL	mg/L
2017-07-17	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2017-07-17	NITROGEN, AMMONIA (AS N)	0.035	Epilimnion	TOTAL	mg/L
2019-07-21	PH	7.39	Epilimnion	Not Applicable	pH units

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2019-07-21	NITROGEN, AMMONIA (AS N)	0.0367	Epilimnion	TOTAL	mg/L
2019-07-21	SPECIFIC CONDUCTANCE	192.7	Epilimnion	TOTAL	uS/cm
2019-07-21	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-08-04	TRUE COLOR	12	Epilimnion	TOTAL	color units
2019-08-04	NITROGEN, TOTAL	0.257	Epilimnion	TOTAL	mg/L
2019-08-04	NITROGEN, TOTAL DISSOLVED	0.226	Epilimnion	DISSOLVED	mg/L
2019-08-04	NITROGEN, AMMONIA (AS N)	ND	Epilimnion	TOTAL	mg/L
2019-08-04	PH	7.08	Epilimnion	Not Applicable	pH units
2019-08-04	CHLOROPHYLL A	2.592	Epilimnion	TOTAL	ug/L
2019-08-04	NITROGEN, NITRATE-NITRITE	ND	Epilimnion	TOTAL	mg/L
2019-08-04	SPECIFIC CONDUCTANCE	197.7	Epilimnion	TOTAL	uS/cm
2019-08-04	DEPTH, SECCHI DISK DEPTH	2.75	Epilimnion	Not Applicable	m
2017-06-21	CHLOROPHYLL A	1.7	Epilimnion	TOTAL	ug/L
2017-06-21	NITROGEN, AMMONIA (AS N)	0.0025	Epilimnion	TOTAL	mg/L
2006-08-22	TRUE COLOR	19	Epilimnion	TOTAL	color units
2018-08-27	NITROGEN, TOTAL	0.286	Epilimnion	TOTAL	mg/L
2018-09-19	TRUE COLOR	14	Epilimnion	TOTAL	color units
2018-09-19	PHOSPHORUS, TOTAL	0.0052	Epilimnion	TOTAL	mg/L
2018-09-19	NITROGEN, NITRATE-NITRITE	0.012	Epilimnion	TOTAL	mg/L
2018-09-19	NITROGEN, TOTAL DISSOLVED	0.361	Epilimnion	DISSOLVED	mg/L
2018-09-19	NITROGEN, TOTAL	0.341	Epilimnion	TOTAL	mg/L
2006-09-05	NITROGEN, TOTAL	0.40308	Epilimnion	TOTAL	mg/L
2006-09-05	ACIDITY, HYDROGEN ION (H+)	1.73780082874937e-07	Epilimnion	Not Applicable	
2006-09-05	SPECIFIC CONDUCTANCE	92.58	Epilimnion	TOTAL	uS/cm
2006-09-05	NITROGEN, AMMONIA (AS N)	0.006	Epilimnion	TOTAL	mg/L
2006-09-05	CHLOROPHYLL A	1.86	Epilimnion	TOTAL	ug/L
2015-09-20	PH	7.25	Epilimnion	Not Applicable	pH units
2015-09-20	PHOSPHORUS, TOTAL	0.0464	Epilimnion	TOTAL	mg/L
2015-09-20	NITROGEN, AMMONIA (AS N)	0	Epilimnion	TOTAL	mg/L
2017-06-21	CALCIUM	5.39	Epilimnion	TOTAL	mg/L
2017-06-21	NITROGEN, TOTAL	0.357	Epilimnion	TOTAL	mg/L
2017-06-21	TRUE COLOR	15	Epilimnion	TOTAL	color units
2018-08-27	TRUE COLOR	16	Epilimnion	TOTAL	color units
2018-08-27	NITROGEN, NITRATE-NITRITE	0.005	Epilimnion	TOTAL	mg/L
2018-08-27	NITROGEN, TOTAL DISSOLVED	0.344	Epilimnion	DISSOLVED	mg/L
2018-08-27	PHOSPHORUS, DISSOLVED	0.0068	Epilimnion	DISSOLVED	mg/L
2018-08-27	NITROGEN, AMMONIA (AS N)	0.013	Epilimnion	TOTAL	mg/L
2017-06-21	PH	7.72	Epilimnion	Not Applicable	pH units
2017-09-11	SPECIFIC CONDUCTANCE	167.1	Epilimnion	TOTAL	uS/cm

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2017-09-11	CHLORIDE	40.7	Epilimnion	TOTAL	mg/L
2017-06-21	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2017-07-04	SPECIFIC CONDUCTANCE	166.3	Epilimnion	TOTAL	uS/cm
2017-07-04	PH	6.49	Epilimnion	Not Applicable	pH units
2017-07-04	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2006-08-08	PHOSPHORUS, TOTAL	0.0217	Epilimnion	TOTAL	mg/L
2018-08-27	SPECIFIC CONDUCTANCE	203.4	Epilimnion	TOTAL	uS/cm
2018-08-27	CHLOROPHYLL A	3.8	Epilimnion	TOTAL	ug/L
2017-08-29	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2017-08-14	NITROGEN, TOTAL	0.237	Epilimnion	TOTAL	mg/L
2017-08-14	SPECIFIC CONDUCTANCE	167.4	Epilimnion	TOTAL	uS/cm
2017-08-14	TRUE COLOR	10	Epilimnion	TOTAL	color units
2017-08-14	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2006-06-13	SPECIFIC CONDUCTANCE	99.8	Epilimnion	TOTAL	uS/cm
2006-07-25	ACIDITY, HYDROGEN ION (H+)	1.58489319246111e-08	Epilimnion	Not Applicable	
2006-07-25	TRUE COLOR	27	Epilimnion	TOTAL	color units
2006-07-25	NITROGEN, TOTAL	0.47435	Epilimnion	TOTAL	mg/L
2006-07-25	CHLOROPHYLL A	6.23	Epilimnion	TOTAL	ug/L
2006-07-25	NITROGEN, AMMONIA (AS N)	0.01816	Epilimnion	TOTAL	mg/L
2006-07-25	SPECIFIC CONDUCTANCE	107.1	Epilimnion	TOTAL	uS/cm
2006-07-25	NITROGEN, NITRATE-NITRITE	0.01085	Epilimnion	TOTAL	mg/L
2006-07-25	PH	7.8	Epilimnion	Not Applicable	pH units
2006-07-25	PHOSPHORUS, TOTAL	0.0162	Epilimnion	TOTAL	mg/L
2017-08-29	TRUE COLOR	10	Epilimnion	TOTAL	color units
2006-08-08	NITROGEN, AMMONIA (AS N)	0.01354	Epilimnion	TOTAL	mg/L
2006-08-08	SPECIFIC CONDUCTANCE	143.3	Epilimnion	TOTAL	uS/cm
2006-08-08	NITROGEN, NITRATE-NITRITE	0.011942	Epilimnion	TOTAL	mg/L
2006-08-08	NITROGEN, TOTAL	0.43852	Epilimnion	TOTAL	mg/L
2006-08-08	PH	7.21	Epilimnion	Not Applicable	pH units
2017-09-11	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2017-09-11	TRUE COLOR	10	Epilimnion	TOTAL	color units
2017-09-11	NITROGEN, AMMONIA (AS N)	0.014	Epilimnion	TOTAL	mg/L
2018-09-19	PH	7.13	Epilimnion	Not Applicable	pH units
2017-08-14	PH	7.66	Epilimnion	Not Applicable	pH units
2017-08-14	CALCIUM	4.72	Epilimnion	TOTAL	mg/L
2006-08-08	ACIDITY, HYDROGEN ION (H+)	6.16595001861481e-08	Epilimnion	Not Applicable	
2006-08-08	TRUE COLOR	15	Epilimnion	TOTAL	color units

Sample Date	Characteristic Name	Result Value	Sample Type	Fraction	Units
2006-08-08	CALCIUM	5.13	Epilimnion	TOTAL	mg/L
2017-07-31	NITROGEN, NITRATE-NITRITE	0.007	Epilimnion	TOTAL	mg/L
2017-08-29	SPECIFIC CONDUCTANCE	133	Epilimnion	TOTAL	uS/cm
2006-09-05	NITROGEN, NITRATE-NITRITE	0.0025	Epilimnion	TOTAL	mg/L
2017-08-29	NITROGEN, TOTAL	0.401	Epilimnion	TOTAL	mg/L
2017-07-31	TRUE COLOR	15	Epilimnion	TOTAL	color units
2017-09-11	PHOSPHORUS, TOTAL	0.0093	Epilimnion	TOTAL	mg/L
2017-07-04	PHOSPHORUS, TOTAL	0.0112	Epilimnion	TOTAL	mg/L
2017-07-04	NITROGEN, AMMONIA (AS N)	0.033	Epilimnion	TOTAL	mg/L
2017-07-31	NITROGEN, AMMONIA (AS N)	0.071	Epilimnion	TOTAL	mg/L
2017-08-14	NITROGEN, AMMONIA (AS N)	0.027	Epilimnion	TOTAL	mg/L
2017-08-14	PHOSPHORUS, TOTAL	0.0079	Epilimnion	TOTAL	mg/L
2017-07-31	PH	7.13	Epilimnion	Not Applicable	pH units
2017-07-04	NITROGEN, TOTAL	0.379	Epilimnion	TOTAL	mg/L
2017-07-04	TRUE COLOR	10	Epilimnion	TOTAL	color units
2017-09-11	CHLOROPHYLL A	2.5	Epilimnion	TOTAL	ug/L
2017-09-11	PH	7.09	Epilimnion	Not Applicable	pH units
2017-09-11	NITROGEN, TOTAL	0.321	Epilimnion	TOTAL	mg/L
2017-07-31	NITROGEN, TOTAL	0.403	Epilimnion	TOTAL	mg/L
2017-07-31	CHLOROPHYLL A	2.8	Epilimnion	TOTAL	ug/L
2017-07-31	PHOSPHORUS, TOTAL	0.0084	Epilimnion	TOTAL	mg/L
2017-07-31	SPECIFIC CONDUCTANCE	174.6	Epilimnion	TOTAL	uS/cm
2017-08-29	CHLOROPHYLL A	3	Epilimnion	TOTAL	ug/L
2017-07-17	NITROGEN, TOTAL	0.342	Epilimnion	TOTAL	mg/L
2017-08-29	PH	7.55	Epilimnion	Not Applicable	pH units
2017-08-29	NITROGEN, AMMONIA (AS N)	0.007	Epilimnion	TOTAL	mg/L
2017-08-29	PHOSPHORUS, TOTAL	0.008	Epilimnion	TOTAL	mg/L
2017-08-14	CHLOROPHYLL A	1.5	Epilimnion	TOTAL	ug/L