# Adirondack Lake Assessment Program 2020 Update

In an effort to improve reporting efficiency, maintain financial viability, and avoid unnecessary redundancies, the Adirondack Lake Assessment Program (ALAP) has moved from producing an annual report to a five-year reporting cycle. During the interim years, the ALAP coordinators will provide a summary of the current year's data to participating lakes.

For more information on ALAP and participating lakes please see the comprehensive report: ***Adirondack Lake Assessment Program 2018: a Citizen Science Lake Program in its 21st Year.*** This report, released in April of 2019, provides readers with the appropriate background information on interpreting lake data, a regional analysis of the water quality characteristics of Adirondack lakes, and a synthesis of current and historical water quality data for all participating lakes.

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## Click on the lake name to see the 2020 data

# Amber Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Eutrophic | Acidic (acceptable) | Moderate | Not Significant |

*Water quality values for Amber Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/17/2020 | 7/23/2020 | August | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.5 | 1.4 | | 1.5 | No Trend |
| Total Phosphorus (µg/L) | 10.5 | 25.1 | | 17.8 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.8 | 11.8 | | 7.3 | No Trend |
| Laboratory pH | 7.1 | 6.0 | | 6.6 | No Trend |
| Sp. Conductance (µS/cm) | 25.7 | 24.9 | | 25.3 | No Trend |
| Color (Pt-Co) | 47.2 | 121.1 | | 84.1 | No Trend |
| Alkalinity (mg/L) | | | | | No Trend |
| Chloride (mg/L) | | | *No Sample Submitted* | | Decreasing |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

# Arbutus Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Arbutus Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/21/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.9 | 3.5 | 3.9 | 3.4 | No Trend |
| Total Phosphorus (µg/L) | 6.5 | 5.7 | 8.9 | 7.0 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.8 | 1.4 | 1.5 | 1.2 | Decreasing |
| Laboratory pH | 6.7 | 7.0 | 6.6 | 6.8 | No Trend |
| Sp. Conductance (µS/cm) | 20.0 | 19.6 | 19.5 | 19.7 | Decreasing |
| Color (Pt-Co) | 27.9 | 34.3 | 31.1 | 31.1 | No Trend |
| Alkalinity (mg/L) | | | 4.2 | 4.2 | No Trend |
| Chloride (mg/L) | | | 0.4 | 0.4 | No Trend |
| Calcium (mg/L) | | | 1.7 | 1.7 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Augur Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Well Buffered- Not Sensitive | High |

*Water quality values for Augur Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/27/2020 | 8/26/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.9 | 1.7 | 2.0 | 2.2 | Increasing |
| Total Phosphorus (µg/L) | 19.6 | 21.2 | 24.3 | 21.7 | Decreasing |
| Chlorophyll-*a* (µg/L) | 6.1 | 10.0 | 10.0 | 8.7 | No Trend |
| Laboratory pH | 8.0 | 8.6 | 8.1 | 8.2 | No Trend |
| Sp. Conductance (µS/cm) | 233.0 | 245.0 | 249.0 | 242.3 | No Trend |
| Color (Pt-Co) | 18.2 | 34.3 | 34.3 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 46.6 | 46.6 | No Trend |
| Chloride (mg/L) | | | 45.2 | 45.2 | No Trend |
| Calcium (mg/L) | | | 15.4 | 15.4 | Not Analyzed |
| Sodium (mg/L) | | | 23.8 | 23.8 | No Trend |

# Austin Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for Austin Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/27/2020 | 7/24/2020 | August | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.9 | 1.1 | | 1.5 | No Trends |
| Total Phosphorus (µg/L) | 33.3 | 17.6 | | 25.5 | No Trends |
| Chlorophyll-*a* (µg/L) | 0.9 | 5.3 | *No Sample Submitted* | 3.1 | Decreasing |
| Laboratory pH | 7.6 | 6.9 | | 7.2 | No Trends |
| Sp. Conductance (µS/cm) | 139.5 | 133.4 | | 136.5 | No Trends |
| Color (Pt-Co) | 40.7 | 63.2 | | 52.0 | No Trends |
| Alkalinity (mg/L) | | | | | Decreasing |
| Chloride (mg/L) | | | | | No Trends |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trends |

# Big Moose Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Acidic (acceptable) | Moderate | Not Significant |

*Water quality values for Big Moose Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 7/3/2020 | 7/28/2020 | 8/26/2020 | Average | Trends |
|---|---|---|---|---|---|
| Transparency (m) | 3.1 | 3.5 | 3.8 | 3.4 | Decreasing |
| Total Phosphorus (µg/L) | 4.1 | 28.3 | 4.1 | 12.2 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.2 | 2.8 | 2.6 | 2.5 | No Trend |
| Laboratory pH | 6.1 | 6.2 | 6.4 | 6.2 | Increasing |
| Sp. Conductance (µS/cm) | 13.1 | 14.0 | 14.6 | 13.9 | Decreasing |
| Color (Pt-Co) | 40.7 | 27.9 | 27.9 | 32.1 | No Trend |
| Alkalinity (mg/L) | | | 3.4 | 3.4 | No Trend |
| Chloride (mg/L) | | | 0.4 | 0.4 | No Trend |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

# Blue Mountain Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Moderate |

*Water quality values for Blue Mountain Lake during the 2020 sampling season. Historical trend analysis performed on lake wide averages in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit, VOB=Secchi disk is visible on the bottom of the lake.*

| Water Quality Indicator | 5/27 | 6/23 | 7/24 | 8/23 | 9/21 | Average | Trend |
|---|---|---|---|---|---|---|---|
| | | | Town Bay | | | | |
| Transparency (m) | VOB | VOB | VOB | VOB | VOB | | No Trend |
| Total Phosphorus (µg/L) | 5.0 | 8.1 | 7.4 | 8.8 | 6.6 | 7.2 | No Trend |
| Chlorophyll-*a* (µg/L) | 0.8 | 0.6 | 0.7 | 0.5 | 0.9 | 0.7 | No Trend |
| Laboratory pH | 7.1 | 7.5 | 7.3 | 7.3 | 7.6 | 7.3 | Increasing |
| Sp. Conductance (µS/cm) | 95.5 | 103.7 | 102.9 | 97.7 | 85.8 | 97.1 | No Trend |
| Color (Pt-Co) | 8.6 | 11.8 | 8.6 | 8.6 | 17.9 | 11.1 | No Trend |
| Alkalinity (mg/L) | | | | 10.7 | | 10.7 | No Trend |
| Chloride (mg/L) | | | | 20.6 | | 20.6 | No Trend |
| Calcium (mg/L) | | | | 3.3 | | 3.3 | Not Analyzed |
| Sodium (mg/L) | | | | 11.7 | | 11.7 | No Trend |

| Water Quality Indicator | 5/27 | 6/23 | 7/24 | 8/23 | 9/21 | Average |
|---|---|---|---|---|---|---|
| | | | East Bay | | | |
| Transparency (m) | 8.2 | 9.3 | 8.8 | 8.5 | 10.9 | 9.1 |
| Total Phosphorus (µg/L) | 12.7 | 2.6 | 6.2 | 3.6 | 7.0 | 6.4 |
| Chlorophyll-*a* (µg/L) | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 | 0.6 |
| Laboratory pH | 7.0 | 7.5 | 7.4 | 7.5 | 7.4 | 7.4 |
| Sp. Conductance (µS/cm) | 103.2 | 100.9 | 102.1 | 103.4 | 101.9 | 102.3 |
| Color (Pt-Co) | 11.8 | 11.8 | 21.4 | 11.8 | 17.9 | 14.9 |
| Alkalinity (mg/L) | | | | 11.3 | | 11.3 |
| Chloride (mg/L) | | | | 21.9 | | 21.9 |
| Calcium (mg/L) | | | | 3.5 | | 3.5 |
| Sodium (mg/L) | | | | 12.5 | | 12.5 |
| | | | West Bay | | | |
| Transparency (m) | 8.0 | 9.2 | 8.2 | 8.5 | 10.9 | 9.0 |
| Total Phosphorus (µg/L) | 2.6 | 3.3 | 2.8 | 7.3 | 2.3 | 3.6 |
| Chlorophyll-*a* (µg/L) | 0.5 | 0.5 | 0.7 | 0.7 | 0.8 | 0.6 |
| Laboratory pH | 6.9 | 7.2 | 7.3 | 7.3 | 7.5 | 7.3 |
| Sp. Conductance (µS/cm) | 58.6 | 84.2 | 102.2 | 104.6 | 63.4 | 82.6 |
| Color (Pt-Co) | 2.1 | 11.8 | 27.9 | 18.2 | 14.3 | 14.8 |
| Alkalinity (mg/L) | | | | 11.4 | | 11.4 |
| Chloride (mg/L) | | | | 22.3 | | 22.3 |
| Calcium (mg/L) | | | | 3.5 | | 3.5 |
| Sodium (mg/L) | | | | 12.7 | | 12.7 |
| | | | Halsch Bay | | | |
| Transparency (m) | VOB | VOB | VOB | VOB | VOB | |
| Total Phosphorus (µg/L) | 3.7 | 3.6 | 1.9 | 3.2 | 4.9 | 3.4 |
| Chlorophyll-*a* (µg/L) | 0.2 | 0.5 | 0.5 | 0.7 | 0.9 | 0.6 |
| Laboratory pH | 7.0 | 7.6 | 7.7 | 7.6 | 8.6 | 7.7 |
| Sp. Conductance (µS/cm) | 90.1 | 101.4 | 102.6 | 102.5 | 96.6 | 98.6 |
| Color (Pt-Co) | 5.3 | 11.8 | 8.6 | 18.2 | 17.9 | 12.3 |
| Alkalinity (mg/L) | | | | 10.5 | | 10.5 |
| Chloride (mg/L) | | | | 21.8 | | 21.8 |
| Calcium (mg/L) | | | | 3.5 | | 3.5 |
| Sodium (mg/L) | | | | 12.4 | | 12.4 |

# Brandreth Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Brandreth Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/21/2020 | 7/27/2020 | 8/21/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 8.3 | 8.0 | 7.5 | 7.9 | Decreasing |
| Total Phosphorus (µg/L) | 2.7 | 4.7 | 4.6 | 4.0 | No Trend |
| Chlorophyll-*a* (µg/L) | 0.4 | 0.7 | 0.4 | 0.5 | No Trend |
| Laboratory pH | 6.4 | 6.5 | 6.7 | 6.5 | Increasing |
| Sp. Conductance (µS/cm) | 14.3 | 14.4 | 14.3 | 14.3 | Decreasing |
| Color (Pt-Co) | 11.8 | 15.0 | 11.8 | 12.8 | No Trend |
| Alkalinity (mg/L) | | | 3.4 | 3.4 | No Trend |
| Chloride (mg/L) | | | 0.2 | 0.2 | No Trend |
| Calcium (mg/L) | | | 0.9 | 0.9 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Butternut Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Well buffered – not sensitive | High |

*Water quality values and historical trends for Butternut Pond during the 2020 sampling season. Trend analysis will be performed on the next full report. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/31/2020 | 8/25/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.6 | 3.3 | 3.6 | 3.5 | Not Analyzed |
| Total Phosphorus (µg/L) | 14.0 | 10.9 | 9.9 | 11.6 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 2.3 | 2.0 | 1.8 | 2.0 | Not Analyzed |
| Laboratory pH | 8.9 | 9.0 | 7.8 | 8.6 | Not Analyzed |
| Sp. Conductance (µS/cm) | 226.0 | 237.0 | 246.0 | 236.3 | Not Analyzed |
| Color (Pt-Co) | 15.0 | 31.1 | 18.2 | 21.4 | Not Analyzed |
| Alkalinity (mg/L) | | | 37.2 | 37.2 | Not Analyzed |
| Chloride (mg/L) | | | 65.5 | 65.5 | Not Analyzed |
| Calcium (mg/L) | | | 11.2 | 11.2 | Not Analyzed |
| Sodium (mg/L) | | | 28.3 | 28.3 | Not Analyzed |

# Canada Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Moderate |

*Water quality values for Canada Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/21/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.3 | 4.2 | 5.7 | 4.7 | No Trend |
| Total Phosphorus (µg/L) | 4.8 | 7.1 | 4.1 | 5.3 | No Trend |
| Chlorophyll-*a* (µg/L) | 0.6 | 2.0 | 1.3 | 1.3 | No Trend |
| Laboratory pH | 6.8 | 6.8 | 6.8 | 6.8 | No Trend |
| Sp. Conductance (µS/cm) | 45.1 | 46.9 | 47.3 | 46.4 | No Trend |
| Color (Pt-Co) | 24.6 | 24.6 | 24.6 | 24.6 | No Trend |
| Alkalinity (mg/L) | | | 5.6 | 5.6 | No Trend |
| Chloride (mg/L) | | | 8.5 | 8.5 | Increasing |
| Calcium (mg/L) | | | 1.8 | 1.8 | Not Analyzed |
| Sodium (mg/L) | | | 5.0 | 5.0 | No Trend |

# Catlin Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Catlin Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/24/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.4 | 3.0 | 4.6 | 4.0 | No Trend |
| Total Phosphorus (µg/L) | 8.2 | 7.8 | 6.5 | 7.5 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.4 | 2.1 | 2.7 | 2.4 | No Trend |
| Laboratory pH | 7.1 | 7.1 | 7.1 | 7.1 | No Trend |
| Sp. Conductance (µS/cm) | 21.1 | 21.8 | 22.1 | 21.7 | Decreasing |
| Color (Pt-Co) | 21.4 | 27.9 | 37.5 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 6.9 | 6.9 | No Trend |
| Chloride (mg/L) | | | 0.4 | 0.4 | No Trend |
| Calcium (mg/L) | | | 1.9 | 1.9 | Not Analyzed |
| Sodium (mg/L) | | | 1.5 | 1.5 | No Trend |

# Chase's Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values and historical trends for Chase's Lake during the 2020 sampling season. Trend analysis will be performed on the next full report. BDL=below detection limit.*

| Water Quality Indicator | 6/27/2020 | 7/25/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.7 | 3.0 | 3.5 | 3.1 | Not Analyzed |
| Total Phosphorus (µg/L) | 21.9 | 6.8 | 11.0 | 13.2 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 1.6 | BDL | 0.1 | 0.6 | Not Analyzed |
| Laboratory pH | 7.0 | 7.1 | 7.1 | 7.1 | Not Analyzed |
| Sp. Conductance (µS/cm) | 27.8 | 27.9 | 28.5 | 28.1 | Not Analyzed |
| Color (Pt-Co) | 53.6 | 37.5 | 8.6 | 33.2 | Not Analyzed |
| Alkalinity (mg/L) | | | 9.4 | 9.4 | Not Analyzed |
| Chloride (mg/L) | | | 1.1 | 1.1 | Not Analyzed |
| Calcium (mg/L) | | | 2.1 | 2.1 | Not Analyzed |
| Sodium (mg/L) | | | 1.8 | 1.8 | Not Analyzed |

# Chazy Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values and historical trends for Chazy Lake during the 2020 sampling season. Historical trend analysis performed on lake wide averages in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit. VOB=Secchi disk is visible on the bottom of the lake.*

| Water Quality Indicator | 6/17/2020 | 7/22/2020 | 8/16/2020 | Average | Trend |
|---|---|---|---|---|---|
| | | Eagle Point | | | |
| Transparency (m) | 5.7 | 4.5 | 5.3 | 5.2 | Decreasing |
| Total Phosphorus (µg/L) | 3.7 | 6.6 | 6.0 | 5.5 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.6 | 1.8 | 1.2 | 1.5 | No Trend |
| Laboratory pH | 7.9 | 9.4 | 7.8 | 8.3 | No Trend |
| Sp. Conductance (µS/cm) | 80.1 | 82.0 | 82.4 | 81.5 | No Trend |
| Color (Pt-Co) | 15.0 | 18.2 | 15.0 | 16.1 | Increasing |
| Alkalinity (mg/L) | | | 23.1 | 23.1 | No Trend |
| Chloride (mg/L) | | | 10.5 | 10.5 | No Trend |
| Calcium (mg/L) | | | 6.0 | 6.0 | Not Analyzed |
| Sodium (mg/L) | | | 6.0 | 6.0 | No Trend |

## Chazy Continued

| Water Quality Indicator | 6/17/2020 | 7/22/2020 | 8/16/2020 | Average |
|---|---|---|---|---|
| | | Halfway Point | | |
| Transparency (m) | 5.7 | 5.7 | 5.8 | 5.7 |
| Total Phosphorus (µg/L) | 4.5 | 26.8 | 5.9 | 12.4 |
| Chlorophyll-*a* (µg/L) | 1.1 | 1.2 | 1.0 | 1.1 |
| Laboratory pH | 8.8 | 7.8 | 7.8 | 8.2 |
| Sp. Conductance (µS/cm) | 78.9 | 404.0 | 83.9 | 188.9 |
| Color (Pt-Co) | 18.2 | 8.6 | 8.6 | 11.8 |
| Alkalinity (mg/L) | | | 23.4 | 23.4 |
| Chloride (mg/L) | | | 10.5 | 10.5 |
| Calcium (mg/L) | | | 5.9 | 5.9 |
| Sodium (mg/L) | | | 6.1 | 6.1 |
| | | South Inlet | | |
| Transparency (m) | 3.3 | 3.6 | VOB | 3.5 |
| Total Phosphorus (µg/L) | 4.7 | 5.4 | 6.0 | 5.4 |
| Chlorophyll-*a* (µg/L) | 1.3 | 1.8 | 2.1 | 1.7 |
| Laboratory pH | 8.2 | 8.4 | 7.6 | 8.1 |
| Sp. Conductance (µS/cm) | 79.2 | 82.1 | 83.2 | 81.5 |
| Color (Pt-Co) | 18.2 | 24.6 | 21.4 | 21.4 |
| Alkalinity (mg/L) | | | 23.6 | 23.6 |
| Chloride (mg/L) | | | 10.5 | 10.5 |
| Calcium (mg/L) | | | 6.0 | 6.0 |
| Sodium (mg/L) | | | 6.0 | 6.0 |

# Cranberry Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Cranberry Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/24/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.2 | 3.8 | 3.6 | 3.8 | Decreasing |
| Total Phosphorus (µg/L) | 3.9 | 7.5 | 7.6 | 6.3 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.0 | BDL | 2.8 | 1.6 | No Trend |
| Laboratory pH | 6.9 | 6.8 | 6.9 | 6.9 | Increasing |
| Sp. Conductance (µS/cm) | 18.0 | 18.4 | 19.4 | 18.6 | Decreasing |
| Color (Pt-Co) | 34.3 | 21.4 | 8.6 | 21.4 | No Trend |
| Alkalinity (mg/L) | | | 5.3 | 5.3 | No Trend |
| Chloride (mg/L) | | | 0.5 | 0.5 | No Trend |
| Calcium (mg/L) | | | 1.3 | 1.3 | Not Analyzed |
| Sodium (mg/L) | | | 1.4 | 1.4 | No Trend |

# Deer Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Not Significant |

*Water quality values for Deer Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/21/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.6 | 2.7 | 3.0 | 2.7 | No Trend |
| Total Phosphorus (µg/L) | 7.2 | 8.4 | 14.6 | 10.1 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.5 | 2.6 | 3.5 | 2.6 | No Trend |
| Laboratory pH | 7.6 | 7.7 | 6.7 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 24.8 | 26.1 | 26.7 | 25.9 | Decreasing |
| Color (Pt-Co) | 18.2 | 40.7 | 40.7 | 33.2 | No Trend |
| Alkalinity (mg/L) | | | 10.5 | 10.5 | Decreasing |
| Chloride (mg/L) | | | 0.2 | 0.2 | No Trend |
| Calcium (mg/L) | | | 2.4 | 2.4 | Not Analyzed |
| Sodium (mg/L) | | | 1.6 | 1.6 | No Trend |

# Eagle Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | High |

*Water quality values for Eagle Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/26/2020 | 8/30/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 6.4 | 6.5 | 5.2 | 6.0 | No Trend |
| Total Phosphorus (µg/L) | 10.5 | 6.2 | 6.0 | 7.6 | No Trend |
| Chlorophyll-*a* (µg/L) | 0.5 | 0.7 | 1.0 | 0.7 | Decreasing |
| Laboratory pH | 7.3 | 7.2 | 7.6 | 7.4 | No Trend |
| Sp. Conductance (µS/cm) | 110.6 | 110.4 | 111.2 | 110.7 | No Trend |
| Color (Pt-Co) | 11.8 | 11.8 | 11.8 | 11.8 | No Trend |
| Alkalinity (mg/L) | | | 10.4 | 10.4 | No Trend |
| Chloride (mg/L) | | | 26.1 | 26.1 | No Trend |
| Calcium (mg/L) | | | 3.8 | 3.8 | Not Analyzed |
| Sodium (mg/L) | | | 13.5 | 13.5 | No Trend |

# East Caroga Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Well buffered – not sensitive | High |

*Water quality values for East Caroga Lake during the 2020 sampling season. Trend analysis will be performed on the next full report. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/20/2020 | 8/17/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.1 | 4.0 | 2.9 | 3.7 | Not Analyzed |
| Total Phosphorus (µg/L) | 7.3 | 8.9 | 6.8 | 7.7 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 1.0 | 0.2 | 3.0 | 1.4 | Not Analyzed |
| Laboratory pH | 7.8 | 8.9 | 8.2 | 8.3 | Not Analyzed |
| Sp. Conductance (µS/cm) | 160.4 | 160.0 | 154.4 | 158.3 | Not Analyzed |
| Color (Pt-Co) | 18.2 | 15.0 | 27.9 | 20.3 | Not Analyzed |
| Alkalinity (mg/L) | | | 31.8 | 31.8 | Not Analyzed |
| Chloride (mg/L) | | | 25.1 | 25.1 | Not Analyzed |
| Calcium (mg/L) | | | 9.2 | 9.2 | Not Analyzed |
| Sodium (mg/L) | | | 15.0 | 15.0 | Not Analyzed |

# Eli Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Adequate – low sensitivity | Not Significant |

*Water quality values for Eli Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/26/2020 | 7/20/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.7 | 3.7 | 3.7 | 3.7 | No Trend |
| Total Phosphorus (µg/L) | 46.0 | 19.1 | 19.4 | 28.2 | No Trend |
| Chlorophyll-*a* (µg/L) | 3.8 | 3.3 | 7.2 | 4.7 | No Trend |
| Laboratory pH | 7.2 | 7.2 | 7.3 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 43.6 | 43.6 | 43.2 | 43.5 | Decreasing |
| Color (Pt-Co) | 27.9 | 24.6 | 43.9 | 32.1 | No Trend |
| Alkalinity (mg/L) | | | 21.1 | 21.1 | Decreasing |
| Chloride (mg/L) | | | 0.6 | 0.6 | No Trend |
| Calcium (mg/L) | | | 4.7 | 4.7 | Not Analyzed |
| Sodium (mg/L) | | | 1.8 | 1.8 | No Trend |

# Fern Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Adequate – low sensitivity | Present – Low |

*Water quality values for Fern Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/26/2020 | August | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.3 | 3.5 | | 3.4 | No Trend |
| Total Phosphorus (µg/L) | 19.5 | 9.0 | | 14.2 | No Trend |
| Chlorophyll-*a* (µg/L) | 4.9 | 4.0 | | 4.5 | No Trend |
| Laboratory pH | 7.3 | 7.5 | | 7.4 | No Trend |
| Sp. Conductance (µS/cm) | 54.9 | 54.8 | | 54.9 | No Trend |
| Color (Pt-Co) | 21.4 | 18.2 | | 19.8 | No Trend |
| Alkalinity (mg/L) | | | | | No Trend |
| Chloride (mg/L) | | | | | No Trend |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

*No Sample Submitted*

# Garnet Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Not Significant |

*Water quality values for Garnet Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/18/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.8 | 4.3 | 4.4 | 4.1 | No Trend |
| Total Phosphorus (µg/L) | 13.7 | 19.9 | 14.5 | 16.0 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.6 | 2.6 | BDL | 1.4 | No Trend |
| Laboratory pH | 7.2 | 7.8 | 7.2 | 7.4 | Increasing |
| Sp. Conductance (µS/cm) | 30.0 | 30.1 | 27.5 | 29.2 | Decreasing |
| Color (Pt-Co) | 18.2 | 40.7 | 27.9 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 11.6 | 11.6 | Decreasing |
| Chloride (mg/L) | | | 0.4 | 0.4 | No Trend |
| Calcium (mg/L) | | | 2.3 | 2.3 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Gull Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values for Gull Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/18/2020 | 7/22/2020 | 8/18/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 5.3 | 6.8 | 6.7 | 6.2 | No Trend |
| Total Phosphorus (µg/L) | 3.5 | 4.7 | 8.0 | 5.4 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.3 | 0.5 | 0.8 | 0.5 | Decreasing |
| Laboratory pH | 7.1 | 7.0 | 7.1 | 7.1 | No Trend |
| Sp. Conductance (µS/cm) | 25.6 | 26.3 | 26.6 | 26.2 | Decreasing |
| Color (Pt-Co) | 18.2 | 18.2 | BDL | 9.6 | No Trend |
| Alkalinity (mg/L) | | | 7.6 | 7.6 | No Trend |
| Chloride (mg/L) | | | 2.2 | 2.2 | No Trend |
| Calcium (mg/L) | | | 2.0 | 2.0 | Not Analyzed |
| Sodium (mg/L) | | | 1.9 | 1.9 | No Trend |

# Hewitt Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Hewitt Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/26/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 5.0 | 4.7 | 5.3 | 5.0 | No Trend |
| Total Phosphorus (µg/L) | 6.9 | 5.5 | 9.4 | 7.3 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.1 | 2.1 | 1.4 | 1.9 | No Trend |
| Laboratory pH | 7.0 | 7.0 | 6.9 | 7.0 | Increasing |
| Sp. Conductance (µS/cm) | 19.3 | 19.8 | 29.7 | 22.9 | Decreasing |
| Color (Pt-Co) | 15.0 | 24.6 | 21.4 | 20.4 | No Trend |
| Alkalinity (mg/L) | | | 7.4 | 7.4 | No Trend |
| Chloride (mg/L) | | | 0.7 | 0.7 | No Trend |
| Calcium (mg/L) | | | 1.6 | 1.6 | Not Analyzed |
| Sodium (mg/L) | | | 1.5 | 1.5 | No Trend |

# Hoel Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present - low |

*Water quality values for Hoel Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/19/2020 | 7/24/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.8 | 6.4 | 6.0 | 5.7 | No Trend |
| Total Phosphorus (µg/L) | 6.7 | 7.8 | 3.8 | 6.1 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.2 | 1.6 | 1.2 | 1.4 | No Trend |
| Laboratory pH | 7.0 | 6.9 | 7.0 | 7.0 | Increasing |
| Sp. Conductance (µS/cm) | 18.1 | 17.7 | 18.5 | 18.1 | No Trend |
| Color (Pt-Co) | 18.2 | 8.6 | 8.6 | 11.8 | No Trend |
| Alkalinity (mg/L) | | | 6.1 | 6.1 | No Trend |
| Chloride (mg/L) | | | 0.7 | 0.7 | No Trend |
| Calcium (mg/L) | | | 1.6 | 1.6 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Indian Lake- Franklin County

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Adequate – low sensitivity | Not Significant |

*Water quality values and historical trends for Indian Lake during the 2020 sampling season. Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/27/2020 | 7/21/2020 | 8/16/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.5 | 2.8 | 2.9 | 2.7 | No Trend |
| Total Phosphorus (µg/L) | 11.4 | 18.3 | 34.8 | 21.5 | No Trend |
| Chlorophyll-*a* (µg/L) | 3.0 | 4.1 | 1.4 | 2.9 | No Trend |
| Laboratory pH | 7.4 | 7.2 | 7.3 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 30.1 | 31.1 | 29.3 | 30.2 | Decreasing |
| Color (Pt-Co) | 40.7 | 27.9 | 31.1 | 33.2 | No Trend |
| Alkalinity (mg/L) | | | 12.2 | 12.2 | Decreasing |
| Chloride (mg/L) | | | 0.7 | 0.7 | No Trend |
| Calcium (mg/L) | | | 2.3 | 2.3 | Not Analyzed |
| Sodium (mg/L) | | | 1.6 | 1.6 | No Trend |

# Indian Lake- Hamilton County

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values and historical trends for Indian Lake during the 2020 sampling season. Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/18/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.0 | 4.2 | 4.0 | 4.1 | No Trend |
| Total Phosphorus (µg/L) | 9.9 | 4.4 | 11.4 | 8.6 | No Trend |
| Chlorophyll-*a* (µg/L) | 3.2 | 2.2 | 3.0 | 2.8 | No Trend |
| Laboratory pH | 6.8 | 7.0 | 6.9 | 6.9 | Increasing |
| Sp. Conductance (µS/cm) | 30.9 | 31.3 | 32.8 | 31.7 | No Trend |
| Color (Pt-Co) | 27.9 | 21.4 | 31.1 | 26.8 | No Trend |
| Alkalinity (mg/L) | | | 7.4 | 7.4 | No Trend |
| Chloride (mg/L) | | | 4.1 | 4.1 | No Trend |
| Calcium (mg/L) | | | 1.8 | 1.8 | Not Analyzed |
| Sodium (mg/L) | | | 2.9 | 2.9 | No Trend |

# Jordan Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Jordan Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/17/2020 | 7/23/2020 | August | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.6 | 1.8 | | 1.7 | No Trend |
| Total Phosphorus (µg/L) | 13.4 | 14.0 | | 13.7 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.6 | 6.8 | | 4.7 | Decreasing |
| Laboratory pH | 6.7 | 7.0 | | 6.9 | No Trend |
| Sp. Conductance (µS/cm) | 24.7 | 25.9 | | 25.3 | No Trend |
| Color (Pt-Co) | 89.0 | 82.5 | | 85.8 | No Trend |
| Alkalinity (mg/L) | | | | | No Trend |
| Chloride (mg/L) | | | | | No Trend |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

*No Sample Submitted*

# Kiwassa Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for Kiwassa Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/17/2020 | 7/25/2020 | 8/16/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 6.5 | 4.8 | 6.4 | 5.9 | No Trend |
| Total Phosphorus (µg/L) | 6.8 | 7.7 | 8.5 | 7.7 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.2 | 1.5 | 2.1 | 1.6 | No Trend |
| Laboratory pH | 7.5 | 7.4 | 7.6 | 7.5 | No Trend |
| Sp. Conductance (µS/cm) | 68.9 | 69.8 | 69.2 | 69.3 | No Trend |
| Color (Pt-Co) | 11.8 | 11.8 | 15.0 | 12.8 | No Trend |
| Alkalinity (mg/L) | | | 14.9 | 14.9 | Decreasing |
| Chloride (mg/L) | | | 9.9 | 9.9 | No Trend |
| Calcium (mg/L) | | | 4.7 | 4.7 | Not Analyzed |
| Sodium (mg/L) | | | 5.4 | 5.4 | No Trend |

# Lake Adirondack

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | High– not Sensitive | Moderate |

*Water quality values for Lake Adirondack during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/21/2020 | 7/27/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.5 | 1.8 | 1.8 | 2.0 | No Trend |
| Total Phosphorus (µg/L) | 10.2 | 13.3 | 24.6 | 16.0 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.7 | 5.5 | 7.2 | 5.1 | No Trend |
| Laboratory pH | 8.4 | 7.7 | 9.1 | 8.4 | No Trend |
| Sp. Conductance (µS/cm) | 107.0 | 103.2 | 105.2 | 105.1 | No Trend |
| Color (Pt-Co) | 24.6 | 34.3 | 27.9 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 31.9 | 31.9 | Decreasing |
| Chloride (mg/L) | | | 12.7 | 12.7 | No Trend |
| Calcium (mg/L) | | | 8.7 | 8.7 | Not Analyzed |
| Sodium (mg/L) | | | 7.1 | 7.1 | No Trend |

# Lake Clear

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | High |

*Water quality values for Lake Clear during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/23/2020 | 8/16/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.0 | 5.3 | 6.6 | 5.3 | No Trend |
| Total Phosphorus (µg/L) | 8.7 | 7.2 | 4.7 | 6.9 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.8 | 2.4 | 0.9 | 1.7 | No Trend |
| Laboratory pH | 7.6 | 7.7 | 7.4 | 7.6 | No Trend |
| Sp. Conductance (µS/cm) | 115.8 | 116.1 | 116.3 | 116.1 | Increasing |
| Color (Pt-Co) | 18.2 | 21.4 | 18.2 | 19.3 | No Trend |
| Alkalinity (mg/L) | | | 16.0 | 16.0 | Increasing |
| Chloride (mg/L) | | | 23.7 | 23.7 | Increasing |
| Calcium (mg/L) | | | 5.3 | 5.3 | Not Analyzed |
| Sodium (mg/L) | | | 11.6 | 11.6 | No Trend |

# Lake Colby

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Alkaline | Well buffered – not sensitive | High |

*Water quality values for Lake Colby during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/26/2020 | 8/24/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 5.6 | 6.2 | 5.6 | 5.8 | No Trend |
| Total Phosphorus (µg/L) | 7.3 | 8.4 | 8.2 | 7.9 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.0 | 1.8 | 2.0 | 1.9 | No Trend |
| Laboratory pH | 8.4 | 8.0 | 8.1 | 8.1 | No Trend |
| Sp. Conductance (µS/cm) | 267.0 | 270.0 | 269.0 | 268.7 | No Trend |
| Color (Pt-Co) | 18.2 | 11.8 | 15.0 | 15.0 | No Trend |
| Alkalinity (mg/L) | | | 33.8 | 33.8 | No Trend |
| Chloride (mg/L) | | | 74.7 | 74.7 | No Trend |
| Calcium (mg/L) | | | 12.9 | 12.9 | Not Analyzed |
| Sodium (mg/L) | | | 29.6 | 29.6 | No Trend |

# Lake of the Pines

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Eutrophic | Circumneutral | Adequate – low sensitivity | Not Significant |

*Water quality values for Lake of the Pines during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/25/2020 | 8/22/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.2 | 3.0 | 3.2 | 3.1 | No Trend |
| Total Phosphorus (µg/L) | 8.0 | 8.9 | 9.1 | 8.7 | Decreasing |
| Chlorophyll-*a* (µg/L) | 3.5 | 3.4 | 3.7 | 3.5 | No Trend |
| Laboratory pH | 7.2 | 7.4 | 7.4 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 37.9 | 36.8 | 38.7 | 37.8 | No Trend |
| Color (Pt-Co) | 37.5 | 27.9 | 2.1 | 22.5 | No Trend |
| Alkalinity (mg/L) | | | 13.5 | 13.5 | Decreasing |
| Chloride (mg/L) | | | 1.9 | 1.9 | Decreasing |
| Calcium (mg/L) | | | 3.4 | 3.4 | Not Analyzed |
| Sodium (mg/L) | | | 2.2 | 2.2 | No Trend |

# Lake Titus

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for Lake Titus during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/21/2020 | 7/25/2020 | 8/22/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 5.0 | 4.6 | 3.6 | 4.4 | No Trend |
| Total Phosphorus (µg/L) | 10.8 | 36.9 | 7.1 | 18.3 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.8 | 1.5 | 2.7 | 2.3 | No Trend |
| Laboratory pH | 7.6 | 6.9 | 7.6 | 7.4 | No Trend |
| Sp. Conductance (µS/cm) | 93.8 | 33.3 | 97.5 | 74.9 | No Trend |
| Color (Pt-Co) | 18.2 | 34.3 | 18.2 | 23.6 | No Trend |
| Alkalinity (mg/L) | | | 19.9 | 19.9 | No Trend |
| Chloride (mg/L) | | | 16.2 | 16.2 | No Trend |
| Calcium (mg/L) | | | 5.3 | 5.3 | Not Analyzed |
| Sodium (mg/L) | | | 9.0 | 9.0 | No Trend |

# Lens Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Acidic (acceptable) | Moderate | Not Significant |

*Water quality values for Lens Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/23/2020 | August | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.7 | 1.2 | | 1.4 | No Trend |
| Total Phosphorus (µg/L) | 14.4 | 32.7 | | 23.6 | No Trend |
| Chlorophyll-*a* (µg/L) | 4.0 | 7.0 | | 5.5 | No Trend |
| Laboratory pH | 6.1 | 6.4 | | 6.3 | No Trend |
| Sp. Conductance (µS/cm) | 13.7 | 14.3 | | 14.0 | Decreasing |
| Color (Pt-Co) | 53.6 | 66.5 | | 60.0 | No Trend |
| Alkalinity (mg/L) | | | | | No Trend |
| Chloride (mg/L) | | | | | No Trend |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

*No Sample Submitted*

# Little Long Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Moderate |

*Water quality values for Little Long Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/21/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.3 | 3.5 | 3.7 | 3.5 | Decreasing |
| Total Phosphorus (µg/L) | 10.1 | 6.6 | 6.7 | 7.8 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.7 | 2.2 | 1.9 | 1.9 | No Trend |
| Laboratory pH | 7.2 | 7.0 | 7.0 | 7.1 | No Trend |
| Sp. Conductance (µS/cm) | 75.2 | 75.6 | 77.4 | 76.1 | No Trend |
| Color (Pt-Co) | 53.6 | 34.3 | 76.1 | 54.7 | No Trend |
| Alkalinity (mg/L) | | | 8.2 | 8.2 | No Trend |
| Chloride (mg/L) | | | 14.3 | 14.3 | No Trend |
| Calcium (mg/L) | | | 3.6 | 3.6 | Not Analyzed |
| Sodium (mg/L) | | | 8.6 | 8.6 | No Trend |

# Long Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values for Long Lake during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/25/2020 | 8/21/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.7 | 3.8 | 3.8 | 3.8 | Not Analyzed |
| Total Phosphorus (µg/L) | 3.5 | 4.4 | 4.7 | 4.2 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 2.7 | 3.1 | 2.8 | 2.9 | Not Analyzed |
| Laboratory pH | 6.8 | 7.0 | 7.1 | 7.0 | Not Analyzed |
| Sp. Conductance (µS/cm) | 36.7 | 38.3 | 39.6 | 38.2 | Not Analyzed |
| Color (Pt-Co) | 37.5 | 47.2 | 40.7 | 41.8 | Not Analyzed |
| Alkalinity (mg/L) | | | 7.9 | 7.9 | Not Analyzed |
| Chloride (mg/L) | | | 5.9 | 5.9 | Not Analyzed |
| Calcium (mg/L) | | | 2.0 | 2.0 | Not Analyzed |
| Sodium (mg/L) | | | 3.7 | 3.7 | Not Analyzed |

# Long Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Well buffered – not sensitive | Moderate |

*Water quality values for Long Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/25/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.7 | 3.6 | 3.2 | 3.5 | No Trend |
| Total Phosphorus (µg/L) | 14.2 | 8.0 | 11.6 | 11.3 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.0 | 2.3 | 2.3 | 2.2 | No Trend |
| Laboratory pH | 8.2 | 8.3 | 8.4 | 8.3 | No Trend |
| Sp. Conductance (µS/cm) | 150.8 | 143.8 | 144.3 | 146.3 | No Trend |
| Color (Pt-Co) | 21.4 | 11.8 | 24.6 | 19.3 | No Trend |
| Alkalinity (mg/L) | | | 51.6 | 51.6 | Decreasing |
| Chloride (mg/L) | | | 12.5 | 12.5 | No Trend |
| Calcium (mg/L) | | | 12.4 | 12.4 | Not Analyzed |
| Sodium (mg/L) | | | 8.1 | 8.1 | No Trend |

# Loon Lake- Franklin County

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Present - Low |

*Water quality values and historical trends for Loon Lake during the 2020 sampling season. Historical trend analysis performed on lake wide averages in 2018 (updated every five years). BDL=below detection limit.*

| Water Quality Indicator | 6/8/2020 | 7/18/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| North Basin | | | | | |
| Transparency (m) | 6.1 | 5.3 | 5.6 | 5.6 | No Trend |
| Total Phosphorus (µg/L) | 8.7 | 6.6 | 5.0 | 6.7 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.8 | 1.2 | 1.9 | 1.6 | Decreasing |
| Laboratory pH | 7.8 | 7.4 | 7.3 | 7.5 | Increasing |
| Sp. Conductance (µS/cm) | 42.2 | 43.4 | 43.5 | 43.0 | Decreasing |
| Color (Pt-Co) | 15.0 | 15.0 | 15.0 | 15.0 | No Trend |
| Alkalinity (mg/L) | | | 14.2 | 14.2 | No Trend |
| Chloride (mg/L) | | | 3.1 | 3.1 | No Trend |
| Calcium (mg/L) | | | 3.4 | 3.4 | Not Analyzed |
| Sodium (mg/L) | | | 2.5 | 2.5 | No Trend |

| Water Quality Indicator | 6/8/2020 | 7/18/2020 | 8/20/2020 | Average |
|---|---|---|---|---|
| South Basin | | | | |
| Transparency (m) | 4.9 | 4.6 | 5.0 | 4.8 |
| Total Phosphorus (µg/L) | 12.0 | 5.8 | 6.6 | 8.1 |
| Chlorophyll-*a* (µg/L) | 2.1 | 2.0 | 2.7 | 2.3 |
| Laboratory pH | 8.2 | 8.1 | 7.5 | 7.9 |
| Sp. Conductance (µS/cm) | 39.9 | 41.1 | 42.0 | 41.0 |
| Color (Pt-Co) | 18.2 | 8.6 | 85.8 | 37.5 |
| Alkalinity (mg/L) | | | 14.4 | 14.4 |
| Chloride (mg/L) | | | 3.0 | 3.0 |
| Calcium (mg/L) | | | 3.3 | 3.3 |
| Sodium (mg/L) | | | 2.4 | 2.4 |

# Loon Lake- Warren County.

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Adequate – low sensitivity | High |

*Water quality values for Loon Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/28/2020 | 7/24/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.9 | 4.4 | 6.3 | 4.8 | No Trend |
| Total Phosphorus (µg/L) | 12.4 | 15.2 | 11.0 | 12.9 | No Trend |
| Chlorophyll-*a* (µg/L) | 4.1 | 1.2 | 0.5 | 1.9 | No Trend |
| Laboratory pH | 8.4 | 8.0 | 8.7 | 8.4 | No Trend |
| Sp. Conductance (µS/cm) | 112.1 | 111.6 | 114.0 | 112.6 | No Trend |
| Color (Pt-Co) | 31.1 | 18.2 | 15.0 | 21.4 | No Trend |
| Alkalinity (mg/L) | | | 22.0 | 22.0 | No Trend |
| Chloride (mg/L) | | | 19.0 | 19.0 | No Trend |
| Calcium (mg/L) | | | 6.4 | 6.4 | Not Analyzed |
| Sodium (mg/L) | | | 11.2 | 11.2 | No Trend |

# Lower Beaver Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Acidic- acceptable | Moderate | Not Significant |

*Water quality values and historical trends for Lower Beaver Pond during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/26/2020 | 7/25/2020 | 8/21/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.1 | 1.5 | 0.8 | 1.1 | Not Analyzed |
| Total Phosphorus (µg/L) | 23.1 | 16.4 | 17.8 | 19.1 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 0.8 | 3.6 | 6.6 | 3.7 | Not Analyzed |
| Laboratory pH | 6.1 | 6.2 | 6.3 | 6.2 | Not Analyzed |
| Sp. Conductance (µS/cm) | 16.6 | 17.5 | 16.9 | 17.0 | Not Analyzed |
| Color (Pt-Co) | 163.0 | 137.2 | 127.6 | 142.6 | Not Analyzed |
| Alkalinity (mg/L) | | | 2.2 | 2.2 | Not Analyzed |
| Chloride (mg/L) | | | 0.3 | 0.3 | Not Analyzed |
| Calcium (mg/L) | | | 1.3 | 1.3 | Not Analyzed |
| Sodium (mg/L) | | | 1.4 | 1.4 | Not Analyzed |

# Lower Chateaugay Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Well buffered – not sensitive | Moderate |

*Water quality values for Lower Chateaugay Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/19/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.0 | 2.7 | 3.7 | 3.1 | No Trend |
| Total Phosphorus (µg/L) | 20.0 | 21.6 | 15.9 | 19.2 | No Trend |
| Chlorophyll-*a* (µg/L) | 3.6 | 3.3 | 2.4 | 3.1 | Decreasing |
| Laboratory pH | 8.8 | 8.3 | 8.4 | 8.5 | No Trend |
| Sp. Conductance (µS/cm) | 93.5 | 99.9 | 102.7 | 98.7 | No Trend |
| Color (Pt-Co) | 31.1 | 40.7 | 21.4 | 31.1 | No Trend |
| Alkalinity (mg/L) | | | 34.7 | 34.7 | Decreasing |
| Chloride (mg/L) | | | 9.3 | 9.3 | No Trend |
| Calcium (mg/L) | | | 9.0 | 9.0 | Not Analyzed |
| Sodium (mg/L) | | | 5.7 | 5.7 | No Trend |

# Lower Saranac Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for Lower Saranac Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/27/2020 | 7/23/2020 | 8/28/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.6 | 4.0 | 3.7 | 3.8 | No Trend |
| Total Phosphorus (µg/L) | 11.4 | 18.5 | 9.0 | 13.0 | No Trend |
| Chlorophyll-*a* (µg/L) | 3.9 | 2.2 | 3.0 | 3.0 | No Trend |
| Laboratory pH | 7.5 | 7.9 | 7.4 | 7.6 | No Trend |
| Sp. Conductance (µS/cm) | 74.6 | 74.2 | 70.8 | 73.2 | No Trend |
| Color (Pt-Co) | 37.5 | 34.3 | 27.9 | 33.2 | No Trend |
| Alkalinity (mg/L) | | | 12.7 | 12.7 | Decreasing |
| Chloride (mg/L) | | | 11.5 | 11.5 | No Trend |
| Calcium (mg/L) | | | 4.0 | 4.0 | Not Analyzed |
| Sodium (mg/L) | | | 6.3 | 6.3 | No Trend |

# Middle Saranac Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Moderate |

*Water quality values for Middle Saranac Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/19/2020 | 7/21/2020 | 8/18/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.4 | 2.6 | 3.4 | 3.1 | No Trend |
| Total Phosphorus (µg/L) | 19.1 | 10.8 | 13.1 | 14.3 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.3 | 4.6 | 2.5 | 3.2 | No Trend |
| Laboratory pH | 7.3 | 7.2 | 7.2 | 7.2 | No Trend |
| Sp. Conductance (µS/cm) | 62.8 | 63.1 | 62.0 | 62.6 | No Trend |
| Color (Pt-Co) | 31.1 | 37.5 | 24.6 | 31.1 | Increasing |
| Alkalinity (mg/L) | | | 5.1 | 5.1 | Decreasing |
| Chloride (mg/L) | | | 10.1 | 10.1 | No Trend |
| Calcium (mg/L) | | | 3.5 | 3.5 | Not Analyzed |
| Sodium (mg/L) | | | 5.6 | 5.6 | No Trend |

# Moss Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Moss Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/24/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.0 | 2.9 | 2.6 | 3.2 | No Trend |
| Total Phosphorus (µg/L) | 4.4 | 5.2 | 12.8 | 7.5 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.3 | 3.2 | 1.8 | 2.1 | Decreasing |
| Laboratory pH | 6.9 | 6.9 | 7.0 | 6.9 | No Trend |
| Sp. Conductance (µS/cm) | 24.1 | 24.2 | 25.0 | 24.4 | Decreasing |
| Color (Pt-Co) | 43.9 | 43.9 | 43.9 | 43.9 | No Trend |
| Alkalinity (mg/L) | | | 9.2 | 9.2 | No Trend |
| Chloride (mg/L) | | | 0.7 | 0.7 | No Trend |
| Calcium (mg/L) | | | 2.1 | 2.1 | Not Analyzed |
| Sodium (mg/L) | | | 1.7 | 1.7 | No Trend |

# Mountain View Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Well buffered- not sensitive | Not Significant |

*Water quality values for Mountain View Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/27/2020 | 7/21/2020 | 8/16/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.4 | 1.6 | 1.6 | 1.9 | No Trend |
| Total Phosphorus (µg/L) | 39.7 | 18.8 | 57.5 | 38.7 | No Trend |
| Chlorophyll-*a* (µg/L) | 13.8 | 13.0 | 2.9 | 9.9 | Decreasing |
| Laboratory pH | 7.8 | 7.9 | 7.5 | 7.8 | No Trend |
| Sp. Conductance (µS/cm) | 75.5 | 84.0 | 67.6 | 75.7 | No Trend |
| Color (Pt-Co) | 89.0 | 56.8 | 60.0 | 68.6 | No Trend |
| Alkalinity (mg/L) | | | 34.3 | 34.3 | No Trend |
| Chloride (mg/L) | | | 0.8 | 0.8 | No Trend |
| Calcium (mg/L) | | | 7.2 | 7.2 | Not Analyzed |
| Sodium (mg/L) | | | 1.9 | 1.9 | Decreasing |

# Osgood Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for Osgood Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/22/2020 | 8/22/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.7 | 2.1 | 2.6 | 2.4 | No Trend |
| Total Phosphorus (µg/L) | 13.5 | 11.5 | 10.9 | 12.0 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.8 | 5.0 | 3.2 | 3.3 | No Trend |
| Laboratory pH | 7.5 | 7.2 | 7.3 | 7.4 | No Trend |
| Sp. Conductance (µS/cm) | 76.3 | 78.8 | 79.4 | 78.2 | Increasing |
| Color (Pt-Co) | 37.5 | 50.4 | 40.7 | 42.9 | No Trend |
| Alkalinity (mg/L) | | | 21.5 | 21.5 | Decreasing |
| Chloride (mg/L) | | | 10.1 | 10.1 | No Trend |
| Calcium (mg/L) | | | 5.7 | 5.7 | Not Analyzed |
| Sodium (mg/L) | | | 4.9 | 4.9 | No Trend |

# Otter Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Acidic (threatened) | Low | Not Significant |

*Water quality values for Otter Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/17/2020 | 7/23/2020 | 8/19/2019 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 1.7 | 1.7 | | 1.7 | No Trend |
| Total Phosphorus (µg/L) | 15.6 | 24.7 | | 20.2 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.5 | 3.4 | | 2.9 | No Trend |
| Laboratory pH | 5.7 | 5.5 | | 5.6 | No Trend |
| Sp. Conductance (µS/cm) | 9.3 | 9.2 | | 9.3 | Decreasing |
| Color (Pt-Co) | 76.1 | 79.3 | | 77.7 | No Trend |
| Alkalinity (mg/L) | | | | | No Trend |
| Chloride (mg/L) | | | | | Decreasing |
| Calcium (mg/L) | | | | | Not Analyzed |
| Sodium (mg/L) | | | | | No Trend |

*No Sample Submitted*

# Paradox Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Alkaline | Adequate – low sensitivity | Moderate |

*Water quality values and historical trends for Paradox Lake during the 2020 sampling season. Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 5/30/2020 | 6/26/2020 | 7/25/2020 | 8/22/2020 | 9/21/2020 | Average | Trend |
|---|---|---|---|---|---|---|---|
| | | | Upper | | | | |
| Transparency (m) | 3.9 | 4.2 | 5.2 | 5.6 | 3.2 | 4.4 | No Trend |
| Total Phosphorus (µg/L) | 6.6 | 4.4 | 4.7 | 17.9 | 9.1 | 8.6 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.7 | 2.1 | 0.4 | 1.3 | 0.6 | 1.2 | No Trend |
| Laboratory pH | 7.6 | 8.6 | 8.4 | 8.2 | 8.0 | 8.1 | No Trend |
| Sp. Conductance (µS/cm) | 74.8 | 80.6 | 81.2 | 84.2 | 81.7 | 80.5 | No Trend |
| Color (Pt-Co) | 21.4 | 21.4 | 15.0 | 21.4 | 46.6 | 25.2 | No Trend |
| Alkalinity (mg/L) | | | | 29.9 | | 29.9 | No Trend |
| Chloride (mg/L) | | | | 7.9 | | 7.9 | No Trend |
| Calcium (mg/L) | | | | 7.9 | | 7.9 | Not Analyzed |
| Sodium (mg/L) | | | | 5.2 | | 5.2 | No Trend |

| Water Quality Indicator | 5/30/2020 | 6/26/2020 | 7/26/2020 | 8/25/2020 | 9/27/2020 | Average |
|---|---|---|---|---|---|---|
| | | | Lower | | | |
| Transparency (m) | 4.6 | 5.4 | 6.6 | 6.0 | 5.5 | 5.6 |
| Total Phosphorus (µg/L) | 4.8 | 5.6 | 4.3 | 5.6 | 3.8 | 4.8 |
| Chlorophyll-*a* (µg/L) | 1.3 | 1.4 | 0.6 | 1.4 | 2.6 | 1.5 |
| Laboratory pH | 7.5 | 7.7 | 8.0 | 7.7 | 8.3 | 7.9 |
| Sp. Conductance (µS/cm) | 72.0 | 76.8 | 72.6 | 76.1 | 47.9 | 69.1 |
| Color (Pt-Co) | 15.0 | 43.9 | 11.8 | 18.2 | 25.1 | 22.8 |
| Alkalinity (mg/L) | | | | 25.4 | | 25.4 |
| Chloride (mg/L) | | | | 8.2 | | 8.2 |
| Calcium (mg/L) | | | | 6.6 | | 6.6 |
| Sodium (mg/L) | | | | 5.3 | | 5.3 |

# Pine Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Acidic (acceptable) | Moderate | Not Significant |

*Water quality values for Pine Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | June | 7/20/2020 | 8/18/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | Not recorded | 6.0 | 5.2 | 5.6 | No Trend |
| Total Phosphorus (µg/L) | 9.0 | 17.1 | 17.3 | 14.5 | No Trend |
| Chlorophyll-*a* (µg/L) | 1.6 | 0.8 | 1.5 | 1.3 | Decreasing |
| Laboratory pH | 6.4 | 6.6 | 6.5 | 6.5 | Increasing |
| Sp. Conductance (µS/cm) | 13.3 | 13.7 | 13.7 | 13.5 | Decreasing |
| Color (Pt-Co) | 11.8 | 31.1 | 43.9 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 2.2 | 2.2 | No Trend |
| Chloride (mg/L) | | | 0.7 | 0.7 | Decreasing |
| Calcium (mg/L) | | | 0.8 | 0.8 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Pleasant Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values for Pleasant Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | June | 7/26/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | *No Sample Submitted* | 5.6 | 6.3 | 5.9 | No Trend |
| Total Phosphorus (µg/L) | | 9.3 | 18.6 | 13.9 | No Trend |
| Chlorophyll-*a* (µg/L) | | 2.7 | 7.0 | 4.9 | No Trend |
| Laboratory pH | | 6.8 | 6.8 | 6.8 | Increasing |
| Sp. Conductance (µS/cm) | | 18.9 | 19.0 | 18.9 | Decrease |
| Color (Pt-Co) | | 15.0 | 15.0 | 15.0 | No Trend |
| Alkalinity (mg/L) | | | 5.5 | 5.5 | No Trend |
| Chloride (mg/L) | | | 2.1 | 2.1 | No Trend |
| Calcium (mg/L) | | | 1.2 | 1.2 | Not Analyzed |
| Sodium (mg/L) | | | 1.7 | 1.7 | No Trend |

# Raquette Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present- low |

*Water quality values for Raquette Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/14/2020 | 7/18/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.2 | 4.1 | 4.3 | 4.2 | Decreasing |
| Total Phosphorus (µg/L) | 5.6 | 4.5 | 6.0 | 5.4 | Decreasing |
| Chlorophyll-*a* (µg/L) | 3.3 | 3.6 | 2.0 | 3.0 | No Trend |
| Laboratory pH | 6.6 | 6.8 | 6.9 | 6.7 | Increasing |
| Sp. Conductance (µS/cm) | 36.6 | 37.1 | 37.5 | 37.1 | No Trend |
| Color (Pt-Co) | 47.2 | 40.7 | 34.3 | 40.7 | No Trend |
| Alkalinity (mg/L) | | | 7.0 | 7.0 | Increasing |
| Chloride (mg/L) | | | 5.8 | 5.8 | No Trend |
| Calcium (mg/L) | | | 2.0 | 2.0 | Not Analyzed |
| Sodium (mg/L) | | | 3.6 | 3.6 | No Trend |

# Rich Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Acidic (acceptable) | Adequate – low sensitivity | Present - Low |

*Water quality values for Rich Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/23/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.0 | 2.8 | 2.3 | 2.7 | No Trend |
| Total Phosphorus (µg/L) | 10.7 | 5.0 | 10.1 | 8.6 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.2 | 1.3 | 3.6 | 2.0 | Decreasing |
| Laboratory pH | 7.4 | 7.1 | 7.5 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 63.3 | 50.7 | 52.2 | 55.4 | No Trend |
| Color (Pt-Co) | 27.9 | 21.4 | 37.5 | 28.9 | No Trend |
| Alkalinity (mg/L) | | | 13.2 | 13.2 | No Trend |
| Chloride (mg/L) | | | 7.0 | 7.0 | Increasing |
| Calcium (mg/L) | | | 3.6 | 3.6 | Not Analyzed |
| Sodium (mg/L) | | | 4.2 | 4.2 | No Trend |

# Rondaxe Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values and historical trends for Roxande Lake during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/24/2020 | 8/24/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.6 | 2.6 | 3.8 | 3.0 | Not Analyzed |
| Total Phosphorus (µg/L) | 3.0 | 7.1 | 6.6 | 5.6 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 2.6 | 2.5 | 0.7 | 1.9 | Not Analyzed |
| Laboratory pH | 7.0 | 7.1 | 6.9 | 7.0 | Not Analyzed |
| Sp. Conductance (µS/cm) | 21.8 | 20.0 | 21.7 | 21.2 | Not Analyzed |
| Color (Pt-Co) | 24.6 | 34.3 | 31.1 | 30.0 | Not Analyzed |
| Alkalinity (mg/L) | | | 7.7 | 7.7 | Not Analyzed |
| Chloride (mg/L) | | | 0.5 | 0.5 | Not Analyzed |
| Calcium (mg/L) | | | 1.7 | 1.7 | Not Analyzed |
| Sodium (mg/L) | | | 1.5 | 1.5 | Not Analyzed |

# Silver Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Present- low |

*Water quality values for Silver Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/23/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 8.8 | 5.6 | 6.6 | 7.0 | No Trend |
| Total Phosphorus (µg/L) | 8.4 | 7.1 | 12.2 | 9.2 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.8 | 1.2 | 1.6 | 1.2 | No Trend |
| Laboratory pH | 7.6 | 7.7 | 7.3 | 7.5 | No Trend |
| Sp. Conductance (µS/cm) | 48.4 | 54.6 | 54.9 | 52.6 | Increasing |
| Color (Pt-Co) | 31.1 | 8.6 | 11.8 | 17.1 | No Trend |
| Alkalinity (mg/L) | | | 15.7 | 15.7 | No Trend |
| Chloride (mg/L) | | | 7.0 | 7.0 | Increasing |
| Calcium (mg/L) | | | 4.0 | 4.0 | Not Analyzed |
| Sodium (mg/L) | | | 3.4 | 3.4 | No Trend |

# Simon Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values for Simon Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | June | 7/9/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | *No Sample Submitted* | 3.1 | 3.9 | 3.5 | Increasing |
| Total Phosphorus (µg/L) | | 7.1 | 4.1 | 5.6 | No Trend |
| Chlorophyll-*a* (µg/L) | | 2.1 | 1.5 | 1.8 | Decreasing |
| Laboratory pH | | 7.0 | 7.1 | 7.1 | No Trend |
| Sp. Conductance (µS/cm) | | 32.7 | 34.4 | 33.6 | Decreasing |
| Color (Pt-Co) | | 24.6 | 24.6 | 24.6 | No Trend |
| Alkalinity (mg/L) | | | 8.3 | 8.3 | No Trend |
| Chloride (mg/L) | | | 4.0 | 4.0 | No Trend |
| Calcium (mg/L) | | | 2.5 | 2.5 | Not Analyzed |
| Sodium (mg/L) | | | 2.8 | 2.8 | No Trend |

# Split Rock Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values and historical trends for Split Rock Pond during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/24/2020 | 8/22/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 6.7 | 7.0 | 6.5 | 6.7 | Not Analyzed |
| Total Phosphorus (µg/L) | 6.1 | 4.3 | 4.9 | 5.1 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 1.2 | 0.9 | 0.6 | 0.9 | Not Analyzed |
| Laboratory pH | 6.8 | 7.2 | 6.8 | 6.9 | Not Analyzed |
| Sp. Conductance (µS/cm) | 15.0 | 14.8 | 14.7 | 14.8 | Not Analyzed |
| Color (Pt-Co) | 5.3 | 24.6 | 15.0 | 15.0 | Not Analyzed |
| Alkalinity (mg/L) | | | 3.8 | 3.8 | Not Analyzed |
| Chloride (mg/L) | | | 0.3 | 0.3 | Not Analyzed |
| Calcium (mg/L) | | | 1.0 | 1.0 | Not Analyzed |
| Sodium (mg/L) | | | 1.2 | 1.2 | Not Analyzed |

# Star Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Moderate |

*Water quality values for Star Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/21/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.6 | 4.3 | 7.5 | 5.4 | No Trend |
| Total Phosphorus (µg/L) | 7.3 | 4.8 | 11.2 | 7.8 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.1 | | | 0.1 | No Trend |
| Laboratory pH | 7.6 | 7.6 | 7.4 | 7.5 | No Trend |
| Sp. Conductance (µS/cm) | 75.8 | 73.5 | 75.7 | 75.0 | No Trend |
| Color (Pt-Co) | 11.8 | 8.6 | 18.2 | 12.8 | No Trend |
| Alkalinity (mg/L) | | | 7.4 | 7.4 | No Trend |
| Chloride (mg/L) | | | 12.4 | 12.4 | No Trend |
| Calcium (mg/L) | | | 3.6 | 3.6 | Not Analyzed |
| Sodium (mg/L) | | | 7.5 | 7.5 | No Trend |

# Stony Creek Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Present - Low |

*Water quality values for Stony Creek Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 5/27/2020 | 6/25/2020 | 7/18/2020 | 8/16/2020 | 9/22/2020 | Average | Trend |
|---|---|---|---|---|---|---|---|
| Transparency (m) | 4.0 | 3.5 | 3.5 | 3.5 | 3.7 | 3.6 | No Trend |
| Total Phosphorus (µg/L) | 13.2 | 13.6 | 6.1 | 9.3 | 16.3 | 11.7 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.7 | 2.1 | 2.3 | 1.5 | 3.7 | 2.0 | Decreasing |
| Laboratory pH | 7.3 | 7.4 | 7.3 | 7.4 | 7.3 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 48.1 | 51.0 | 50.3 | 52.4 | 51.8 | 50.7 | No Trend |
| Color (Pt-Co) | 31.1 | 24.6 | 24.6 | 18.2 | 17.9 | 23.3 | No Trend |
| Alkalinity (mg/L) | | | | 11.0 | | 11.0 | Decreasing |
| Chloride (mg/L) | | | | 6.5 | | 6.5 | No Trend |
| Calcium (mg/L) | | | | 3.8 | | 3.8 | Not Analyzed |
| Sodium (mg/L) | | | | 3.2 | | 3.2 | No Trend |

# Thirteenth Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Thirteenth Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/18/2020 | 7/22/2020 | 8/19/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.5 | 5.3 | 6.1 | 5.3 | No Trend |
| Total Phosphorus (µg/L) | 4.4 | 7.5 | 4.7 | 5.5 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.2 | 1.1 | 1.6 | 1.6 | No Trend |
| Laboratory pH | 7.0 | 7.2 | 7.1 | 7.1 | Increasing |
| Sp. Conductance (µS/cm) | 23.1 | 24.3 | 24.1 | 23.8 | Decreasing |
| Color (Pt-Co) | 11.8 | 24.6 | 15.0 | 17.1 | No Trend |
| Alkalinity (mg/L) | | | 8.9 | 8.9 | No Trend |
| Chloride (mg/L) | | | 0.8 | 0.8 | No Trend |
| Calcium (mg/L) | | | 1.9 | 1.9 | Not Analyzed |
| Sodium (mg/L) | | | 1.5 | 1.5 | No Trend |

# Tripp Pond

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Alkaline | Well buffered – not sensitive | High |

*Water quality values for Tripp Pond during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/19/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 4.0 | 4.6 | 4.5 | 4.3 | No Trend |
| Total Phosphorus (µg/L) | 5.8 | 6.4 | 4.6 | 5.6 | No Trend |
| Chlorophyll-*a* (µg/L) | 2.4 | 2.9 | 2.4 | 2.6 | No Trend |
| Laboratory pH | 7.9 | 7.8 | 8.5 | 8.1 | No Trend |
| Sp. Conductance (µS/cm) | 124.7 | 130.4 | 131.6 | 128.9 | No Trend |
| Color (Pt-Co) | 18.2 | 21.4 | 18.2 | 19.3 | No Trend |
| Alkalinity (mg/L) | | | 27.7 | 27.7 | Decreasing |
| Chloride (mg/L) | | | 20.3 | 20.3 | No Trend |
| Calcium (mg/L) | | | 9.4 | 9.4 | Not Analyzed |
| Sodium (mg/L) | | | 9.5 | 9.5 | No Trend |

# Trout Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Alkaline | Well buffered – not sensitive | Moderate |

*Water quality values for Trout Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/25/2020 | 8/23/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 8.6 | 4.4 | 2.6 | 5.2 | No Trend |
| Total Phosphorus (µg/L) | 5.5 | 6.9 | 9.5 | 7.3 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.4 | 1.4 | 3.2 | 2.0 | No Trend |
| Laboratory pH | 9.1 | 8.4 | 7.9 | 8.5 | Increasing |
| Sp. Conductance (µS/cm) | 121.4 | 124.3 | 123.1 | 122.9 | Increasing |
| Color (Pt-Co) | 18.2 | 24.6 | 24.6 | 22.5 | No Trend |
| Alkalinity (mg/L) | | | 27.0 | 27.0 | No Trend |
| Chloride (mg/L) | | | 18.8 | 18.8 | Increasing |
| Calcium (mg/L) | | | 8.1 | 8.1 | Not Analyzed |
| Sodium (mg/L) | | | 10.2 | 10.2 | No Trend |

# Tupper Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Present - Low |

*Water quality values for Tupper Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | June | 7/9/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | *No Sample Submitted* | 3.5 | 4.6 | 4.1 | No Trend |
| Total Phosphorus (µg/L) | | 3.0 | 4.5 | 3.7 | Decreasing |
| Chlorophyll-*a* (µg/L) | | 2.6 | 0.7 | 1.7 | No Trend |
| Laboratory pH | | 7.0 | 6.9 | 7.0 | No Trend |
| Sp. Conductance (µS/cm) | | 34.2 | 34.8 | 34.5 | Decreasing |
| Color (Pt-Co) | | 27.9 | 27.9 | 27.9 | No Trend |
| Alkalinity (mg/L) | | | 6.7 | 6.7 | No Trend |
| Chloride (mg/L) | | | 4.5 | 4.5 | No Trend |
| Calcium (mg/L) | | | 2.3 | 2.3 | Not Analyzed |
| Sodium (mg/L) | | | 3.1 | 3.1 | No Trend |

# Twitchell Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Acidic (acceptable) | Moderate | Not Significant |

*Water quality values for Twitchell Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/20/2020 | 7/19/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.2 | 3.0 | 3.8 | 3.3 | No Trend |
| Total Phosphorus (µg/L) | 5.8 | 8.2 | 6.9 | 7.0 | Decreasing |
| Chlorophyll-*a* (µg/L) | 2.8 | 2.1 | 2.2 | 2.3 | No Trend |
| Laboratory pH | 6.1 | 6.2 | 6.4 | 6.2 | Increasing |
| Sp. Conductance (µS/cm) | 10.6 | 10.9 | 11.3 | 10.9 | Decreasing |
| Color (Pt-Co) | 34.3 | 34.3 | 31.1 | 33.2 | Increasing |
| Alkalinity (mg/L) | | | 2.7 | 2.7 | No Trend |
| Chloride (mg/L) | | | 0.2 | 0.2 | No Trend |
| Calcium (mg/L) | | | 0.9 | 0.9 | Not Analyzed |
| Sodium (mg/L) | | | 1.3 | 1.3 | No Trend |

# Upper Chateaugay Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Well buffered – not sensitive | Moderate |

*Water quality values for Upper Chateaugay Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/23/2020 | 7/19/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.9 | 4.2 | 5.1 | 4.4 | No Trend |
| Total Phosphorus (µg/L) | 7.4 | 9.6 | 7.7 | 8.2 | Decreasing |
| Chlorophyll-*a* (µg/L) | 3.1 | 1.1 | 1.3 | 1.8 | Decreasing |
| Laboratory pH | 9.0 | 8.7 | 8.2 | 8.6 | No Trend |
| Sp. Conductance (µS/cm) | 77.0 | 79.7 | 81.3 | 79.3 | No Trend |
| Color (Pt-Co) | 43.9 | 31.1 | 27.9 | 34.3 | No Trend |
| Alkalinity (mg/L) | | | 28.1 | 28.1 | No Trend |
| Chloride (mg/L) | | | 7.5 | 7.5 | No Trend |
| Calcium (mg/L) | | | 7.2 | 7.2 | Not Analyzed |
| Sodium (mg/L) | | | 4.4 | 4.4 | No Trend |

# West Caroga Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | Moderate |

*Water quality values for West Caroga Lake during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/22/2020 | 7/20/2020 | 8/17/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 3.9 | 4.7 | 3.7 | 4.1 | Not Analyzed |
| Total Phosphorus (µg/L) | 5.2 | 7.8 | 4.5 | 5.8 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 1.7 | 0.9 | 2.6 | 1.8 | Not Analyzed |
| Laboratory pH | 7.4 | 7.9 | 7.6 | 7.7 | Not Analyzed |
| Sp. Conductance (µS/cm) | 97.7 | 99.4 | 97.4 | 98.2 | Not Analyzed |
| Color (Pt-Co) | 21.4 | 18.2 | 27.9 | 22.5 | Not Analyzed |
| Alkalinity (mg/L) | | | 19.9 | 19.9 | Not Analyzed |
| Chloride (mg/L) | | | 16.8 | 16.8 | Not Analyzed |
| Calcium (mg/L) | | | 5.0 | 5.0 | Not Analyzed |
| Sodium (mg/L) | | | 9.7 | 9.7 | Not Analyzed |

# White Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Adequate – low sensitivity | High |

*Water quality values for White Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | not recorded | 7/21/2020 | 8/15/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 7.8 | 9.5 | 11.3 | 9.5 | No Trend |
| Total Phosphorus (µg/L) | 4.2 | 3.4 | 5.8 | 4.5 | Decreasing |
| Chlorophyll-*a* (µg/L) | 0.8 | 0.6 | BDL | 0.5 | Decreasing |
| Laboratory pH | 7.7 | 7.6 | 7.5 | 7.6 | No Trend |
| Sp. Conductance (µS/cm) | 197.6 | 197.4 | 199.9 | 198.3 | No Trend |
| Color (Pt-Co) | 8.6 | 5.3 | 15.0 | 9.6 | No Trend |
| Alkalinity (mg/L) | | | 20.0 | 20.0 | No Trend |
| Chloride (mg/L) | | | 44.8 | 44.8 | Increasing |
| Calcium (mg/L) | | | 7.8 | 7.8 | Not Analyzed |
| Sodium (mg/L) | | | 23.3 | 23.3 | No Trend |

# Windover Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Mesotrophic | Alkaline | Adequate – low sensitivity | High |

*Water quality values for Windover Lake during the 2020 sampling season. Trend analysis will be performed on the next full report and after five years of consecutive data collection. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/22/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.5 | 1.7 | 2.0 | 2.1 | Not Analyzed |
| Total Phosphorus (µg/L) | 13.1 | 16.9 | 17.0 | 15.7 | Not Analyzed |
| Chlorophyll-*a* (µg/L) | 2.2 | 1.2 | 7.1 | 3.5 | Not Analyzed |
| Laboratory pH | 7.3 | 7.6 | 8.0 | 7.6 | Not Analyzed |
| Sp. Conductance (µS/cm) | 106.4 | 122.1 | 128.8 | 119.1 | Not Analyzed |
| Color (Pt-Co) | 21.9 | 69.7 | 37.5 | 43.0 | Not Analyzed |
| Alkalinity (mg/L) | | | 28.1 | 28.1 | Not Analyzed |
| Chloride (mg/L) | | | 21.0 | 21.0 | Not Analyzed |
| Calcium (mg/L) | | | 6.6 | 6.6 | Not Analyzed |
| Sodium (mg/L) | | | 12.6 | 12.6 | Not Analyzed |

# Wolf Lake

| Trophic State | Acidity | Acid Neutralizing Capacity | Road Salt Influence |
|---|---|---|---|
| Oligotrophic | Circumneutral | Moderate | Not Significant |

*Water quality values for Wolf Lake during the 2020 sampling season. Historical trend analysis performed in 2018 (updated every five years). Trend analysis was not performed on calcium data. BDL=below detection limit.*

| Water Quality Indicator | 6/25/2020 | 7/25/2020 | 8/20/2020 | Average | Trend |
|---|---|---|---|---|---|
| Transparency (m) | 2.4 | 3.1 | 3.9 | 3.1 | Decreasing |
| Total Phosphorus (µg/L) | 3.9 | 7.0 | 4.7 | 5.2 | Decreasing |
| Chlorophyll-*a* (µg/L) | 1.7 | 2.2 | 2.6 | 2.2 | No Trend |
| Laboratory pH | 7.0 | 7.7 | 7.4 | 7.3 | No Trend |
| Sp. Conductance (µS/cm) | 18.7 | 40.2 | 19.1 | 26.0 | Decreasing |
| Color (Pt-Co) | 21.4 | 31.1 | 24.6 | 25.7 | Increasing |
| Alkalinity (mg/L) | | | 7.5 | 7.5 | No Trend |
| Chloride (mg/L) | | | 0.4 | 0.4 | No Trend |
| Calcium (mg/L) | | | 1.7 | 1.7 | Not Analyzed |
| Sodium (mg/L) | | | 1.4 | 1.4 | No Trend |