

# Loon Lake- Franklin County

<b>Trophic State</b> Oligotrophic	<b>Acidity</b> Circumneutral	<b>Acid Neutralizing Capacity</b> Adequate – low sensitivity	<b>Road Salt Influence</b> Present - Low
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Water quality values and historical trends for Loon Lake during the 2019 sampling season. Trend analysis was not performed on calcium data. BDL=below detection limit.

Water Quality Indicator	6/22/2019	7/26/2019	8/20/2019	Average	Trend
North Basin					
Transparency (m)	4.1	5.5	6.2	5.3	No Trend
Total Phosphorus (µg/L)	7.7	7.0	5.8	6.8	Decreasing
Chlorophyll- <i>a</i> (µg/L)	2.9	2.2	2.0	2.3	Decreasing
Laboratory pH	7.4	7.5	6.8	7.2	Increasing
Sp. Conductance (µS/cm)	36.7	39.4	40.9	39.0	Decreasing
Color (Pt-Co)	21.4	15.0	11.8	16.1	No Trend
Alkalinity (mg/L)			13.7	13.7	No Trend
Chloride (mg/L)			3.3	3.3	No Trend
Calcium (mg/L)			3.7	3.7	Not Analyzed
Sodium (mg/L)			2.2	2.2	No Trend

Water Quality Indicator	6/22/2019	7/26/2019	8/20/2019	Average
South Basin				
Transparency (m)	3.5	5.1	5.8	4.8
Total Phosphorus (µg/L)	12.3	4.4	5.6	7.4
Chlorophyll- <i>a</i> (µg/L)	3.4	1.5	1.6	2.1
Laboratory pH	7.2	7.3	6.9	7.1
Sp. Conductance (µS/cm)	33.4	37.4	39.9	36.9
Color (Pt-Co)	31.1	18.2	18.2	22.5
Alkalinity (mg/L)			13.4	13.4
Chloride (mg/L)			2.9	2.9
Calcium (mg/L)			3.6	3.6
Sodium (mg/L)			2.0	2.0

# Adirondack Lake Assessment Program

## 2019 Update

In an effort to improve reporting efficiency, maintain financial viability, and avoid unnecessary redundancies, the Adirondack Lake Assessment Program (ALAP) will move 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 21<sup>st</sup> 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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Augur Lake .....	6
Austin Pond .....	7
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Blue Mountain Lake .....	9
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Butternut Pond .....	12
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Catlin Lake .....	14
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Chazy Lake.....	16
Cranberry Lake .....	18
Deer Pond .....	19
Eagle Lake.....	20
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