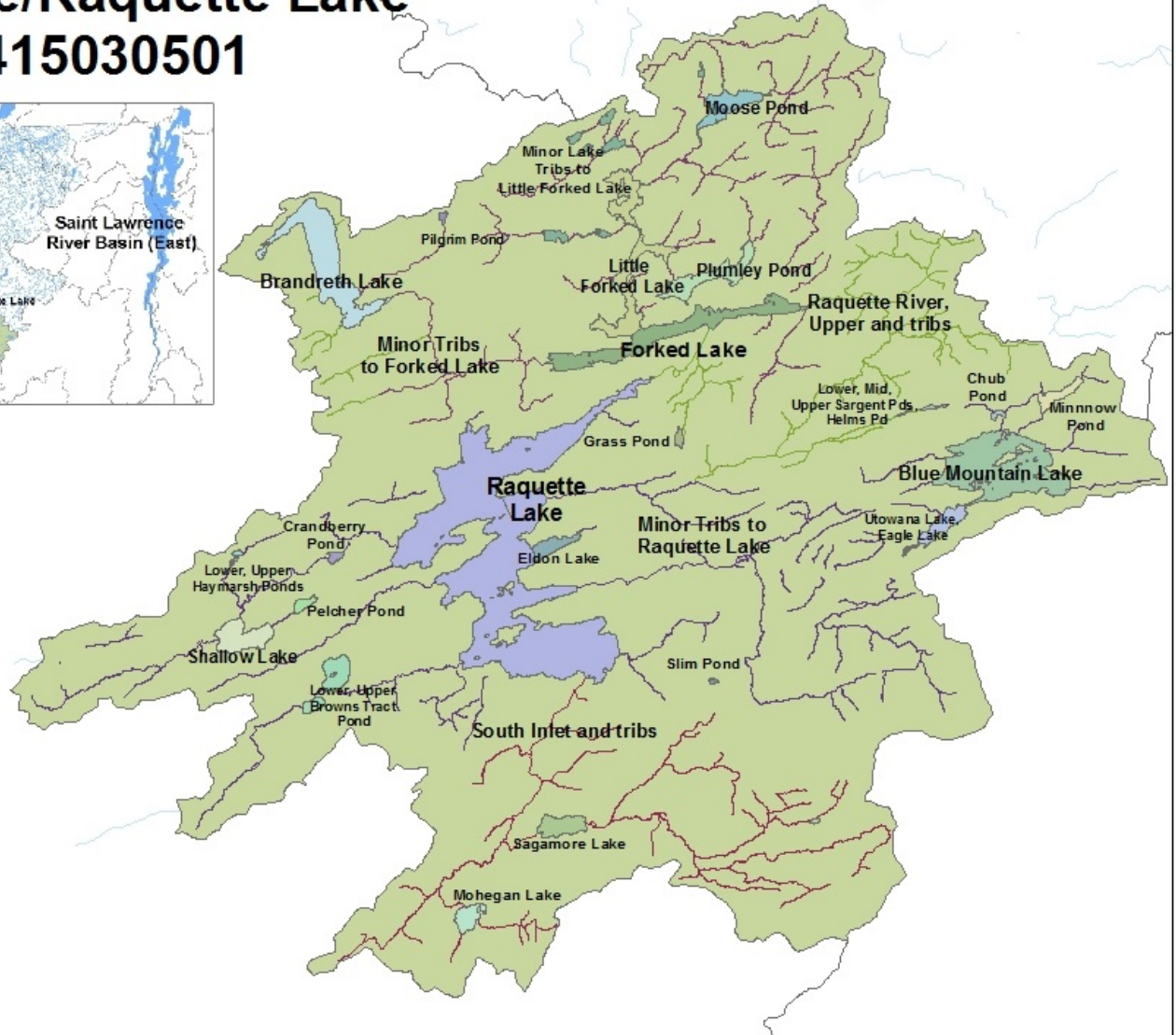
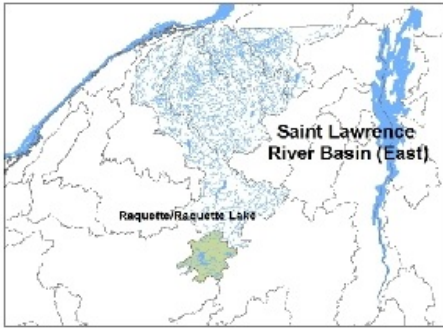


Raquette/Raquette Lake

0415030501



Raquette/Raquette Lake Watershed

(0415030501)

Water Index Number	Waterbody	Category
SL- 1 (portion 12)	Raquette River, Upper, and tribs (0903-0079)	Unassessed
SL- 1 (portion 13)/P276	Forked Lake (0903-0080)	Impaired
SL- 1 (portion 14)/P293	Raquette Lake (0903-0081)	Impaired
SL- 1-P109..P241..P276-	Minor Tribs to Forked Lake (0903-0193)	Unassessed
SL- 1-P109..P241..P276..P277	Brandreth Lake (0903-0194)	NoKnownImpct
SL- 1-P109..P241..P276..P278	Pilgrim Pond (0903-0043)	Minor Impacts
SL- 1-P109..P241..P276..P279	Little Forked Lake (0903-0195)	Unassessed
SL- 1-P109..P241..P279..P280 to 290	Minor Lake Tribs to Little Forked Lake (0903-0196)	Unassessed
SL- 1-P109..P241..P279..P286	Moose Pond (0903-0197)	Unassessed
SL- 1-P109..P241..P279..P291	Plumley Pond (0903-0198)	Unassessed
SL- 1-P109..P293-	Minor Tribs to Raquette Lake (0903-0200)	Unassessed
SL- 1-P109..P293- ..P292	Grass Pond (0903-0199)	Unassessed

Water Index Number	Waterbody	Category
SL- 1-P109..P293- 1-P294 to P299	Lower, Mid, Upper Sargent Pds, Helms Pd (0903-0201)	Unassessed
SL- 1-P109..P293- 2-P300	Eldon Lake (0903-0214)	Unassessed
SL- 1-P109..P293- 4- 7-P302	Slim Pond (0903-0202)	Unassessed
SL- 1-P109..P293- 4-P304,P306	Utowana Lake, Eagle Lake (0903-0203)	Unassessed
SL- 1-P109..P293- 4-P307	Blue Mountain Lake (0903-0204)	Impaired
SL- 1-P109..P293- 4-P307-P310	Chub Pond (0903-0205)	Unassessed
SL- 1-P109..P293- 4-P307-P311	Minnow Pond (0903-0206)	Unassessed
SL- 1-P109..P293- 6	South Inlet and tribs (0903-0207)	Unassessed
SL- 1-P109..P293- 6-11- P312	Mohegan Lake (0903-0208)	Unassessed
SL- 1-P109..P293- 6-P313	Sagamore Lake (0903-0209)	Unassessed
SL- 1-P109..P293- 6-P313- 5-P315	Aluminum Pond (0903-0006)	Minor Impacts
SL- 1-P109..P293- 8-P316,P317	Lower, Upper Browns Tract Pond (0903-0210)	Unassessed
SL- 1-P109..P293-13..P319	Cranberry Pond (0903-0212)	Unassessed
SL- 1-P109..P293-13..P321,322,331	Haymarsh Ponds, Lone Pond, more (0903-0017)	Minor Impacts
SL- 1-P109..P293-13..P324	Shallow Lake (0903-0213)	Unassessed
SL- 1-P109..P293-13..P324- 1-P325	Pelcher Pond (0903-0002)	Minor Impacts
SL- 1-P109..P293-13..P329,P327	Queer Lake, Middle Chain Pond (0903-0211)	Minor Impacts

Raquette River, Upper, and tribs (0903-0079)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1 (portion 12) **Water Class:** C
Hydro Unit Code: Raquette Lake-Raquette River (0415030501) **Drainage Basin:** Saint Lawrence River
Water Type/Size: River/Stream 40 Miles **Reg/County:** 5/Hamilton (21)
Description: stream and tribs, from Long Lake to Raquette Lake

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

The Upper Raquette River and tribs are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description:

This segment includes the portion of the stream and all tribs from Long Lake (P241) to Raquette Lake (P293). The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Pine Brook (-169) and Grass Pond Outlet (-172), are also Class C. Forked Lake (P276) is listed separately.

Forked Lake (0903-0080)

Impaired

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1 (portion 13)/P276	Water Class:	B
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 764.7 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Fully Supported	Unconfirmed
Fish Consumption	Impaired	Known
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: METALS (MERCURY)
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ATMOSPH. DEPOSITION
 Unconfirmed: Tox/Contam. Sediment

Management Information

Management Status: Strategy Implementation Scheduled or Underway
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview

Forked Lake is assessed as an impaired waterbody due to fish consumption uses that are known to be impaired by mercury from atmospheric deposition.

Use Assessment

Forked Lake is a Class B waterbody, suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Fish consumption in Forked Lake is impaired due to a NYSDOH health advisory that recommends eating no more than one meal per month of lake trout, largemouth bass, and smallmouth bass because of elevated mercury levels. The source of mercury is considered to be atmospheric deposition, as there are not other apparent sources in the lake watershed. The advisory for this lake was first issued in 2004–05. (2017 NYSDOH Health Advisories and DEC/DFWMR, Habitat, April 2017).

Aquatic life is considered to be fully supported based on DFWMR assessments that indicate a healthy warm water fishery.

(DEC/DFWMR, Region 5, September 2008)

Water Quality Information

There is currently no additional water quality information available to inform this assessment.

Source Assessment

The sources of mercury to the lake are likely atmospheric deposition. Mercury concentrations in the lake sediments may also contribute to the fish consumption impairment.

Management Actions

In 2007, The New England Interstate Water Pollution Control Commission (NEIWPC), on behalf of its member states including New York, submitted and USEPA approved a TMDL to address mercury deposition in lakes throughout the Northeastern United States, including Forked Lake. The Northeast Regional Mercury TMDL notes that between 1998 and 2002 the Northeast states reduced in-region deposition of mercury by more than 70 percent. In addition these states have enforceable controls in place to meet the remaining reduction goals. Despite these reductions water quality impairment due to mercury still exists and elevated mercury levels in certain fish species remain a great concern. The TMDL demonstrates that the need for significant reductions in the mercury reaching waters of the Northeast from sources outside the region by way of atmospheric deposition is essential to restoring these waters. (Northeast Regional Mercury TMDL, NEIWPC, 2007)

Section 303(d) Listing

Forked Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2008. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description:

This segment includes the total area of Forked Lake (P279). The waters of this lake are Class B.

Raquette Lake (0903-0081)

Impaired

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1 (portion 14)/P293	Water Class:	AA
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 5196.8 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	Unassessed	-
Public Bathing	Unassessed	-
Recreation	Fully Supported	Unconfirmed
Aquatic Life	Fully Supported	Unconfirmed
Fish Consumption	Impaired	Known
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	METALS (MERCURY)
Suspected:	---
Unconfirmed:	---

Source(s) of Pollutant(s)

Known:	---
Suspected:	ATMOSPH. DEPOSITION
Unconfirmed:	Tox/Contam. Sediment

Management Information

Management Status:	Strategy Implementation Scheduled or Underway
Lead Agency/Office:	EPA/Reg2
IR/305(b) Code:	Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview

Raquette Lake is assessed as an impaired waterbody due to fish consumption uses that are known to be impaired by mercury from atmospheric deposition.

Use Assessment

Raquette Lake is a Class AA waterbody, suitable for water supply, public bathing, general recreation uses and support of aquatic life.

Fish consumption in Raquette Lake is impaired due to a NYSDOH health advisory that recommends eating no more than one meal per month of largemouth bass and lake trout because of elevated mercury levels. The source of mercury is considered to be atmospheric deposition, as there are not other apparent sources in the lake watershed. The advisory for this lake was first issued in 2006–07. (2006–07 NYSDOH Health Advisories and DEC/DFWMR, Habitat, January 2008).

Aquatic life is considered to be fully supported based on DFWMR assessments that indicate a healthy warm water fishery.

(DEC/DFWMR, Region 5, September 2008)

Water Quality Information

Water quality sampling of Raquette Lake has been conducted through Adirondack Lake Assessment Program (ALAP) run by Paul Smith's College from 2003 to 2016. Results of this sampling indicate the lake is best characterized as mesotrophic. Chlorophyll levels rarely exceed criteria corresponding to stressed recreational uses, while phosphorus concentrations are typically low. Lake clarity measurements indicate water transparency consistently meets the recommended minimum criteria for swimming beaches. Readings of pH typically fall within the range established in state water quality standards for protection of aquatic life. (DEC/DOW, BWAM/LMAS, May 2017 and ALAP, 2016)

Source Assessment

The sources of mercury to the lake are likely atmospheric deposition. Mercury concentrations in the lake sediments may also contribute to the fish consumption impairment.

Management Actions

In 2007, The New England Interstate Water Pollution Control Commission (NEIWPC), on behalf of its member states including New York, submitted and USEPA approved a TMDL to address mercury deposition in lakes throughout the Northeastern United States, including Raquette Lake. The Northeast Regional Mercury TMDL notes that between 1998 and 2002 the Northeast states reduced in-region deposition of mercury by more than 70 percent. In addition these states have enforceable controls in place to meet the remaining reduction goals. Despite these reductions water quality impairment due to mercury still exists and elevated mercury levels in certain fish species remain a great concern. The TMDL shows and demonstrates that the need for significant reductions in the mercury reaching waters of the Northeast from sources outside the region by way of atmospheric deposition is essential to restoring these waters. (Northeast Regional Mercury TMDL, NEIWPC, 2007)

Section 303(d) Listing

Raquette Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2010. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Raquette Lake (P293). The waters of this lake are Class AA.

Minor Tribs to Forked Lake (0903-0193)

Unassessed

Waterbody Location Information

Revised: 08/17/2017

Water Index No:	SL- 1-P109..P241..P276-	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	River/Stream 67.6 Miles	Reg/County:	5/Hamilton (21)
Description:	total length of all tribs to lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

Minor tribs to Forked Lake are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total length of selected/smaller tribs to Forked Lake (P276). Tribs within this segment, including Brandeth Lake Outlet (-1), Brandeth Lake Tribs (-1-P277-), Plumley Pond Outlet (-7) and North Bay Stream (-8), are primarily Class C,C(T).

Brandreth Lake (0903-0194)

No Known Impacts

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P241..P276..P277
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 893.3 Acres
Description: entire lake

Water Class: B(T)
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Fully Supported	Suspect
Aquatic Life	Fully Supported	Unconfirmed
Fish Consumption	Fully Supported	Unconfirmed
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: No Action Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class B waterbody, suitable for public bathing, general recreation uses and support of aquatic life, but not as a water supply. The waterbody is also designated as a cold water (trout) fishery.

There is no evidence of recreation use impacts in Brandreth Lake, consistent with relatively low lake productivity, high water clarity, and the lack of invasive species and/or excessive aquatic vegetation. (DEC/DOW, BWAM/ALAP, May 2017)

The lake is reported to support a cold water fishery, although no specific fishery or biological reports are included in this assessment.

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice

for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, May 2017)

Water Quality Information

Water quality sampling of Brandreth Lake has been conducted through Adirondack Lake Assessment Program (ALAP) run by Paul Smith's College from 1998 to 2016. Results of this sampling indicate the lake is best characterized as oligotrophic. Chlorophyll levels rarely exceed criteria corresponding to stressed recreational uses, while phosphorus concentrations are typically low to moderate. Lake clarity measurements indicate water transparency exceeds the recommended minimum criteria for swimming beaches. Readings of pH typically fall within the range established in state water quality standards for protection of aquatic life. (DEC/DOW, BWAM/LMAS, May 2017 and ALAP, 2016)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Brandreth Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Brandreth Lake (P277). The waters of this lake are Class B(T).

Pilgrim Pond (0903-0043)

Minor Impacts

Waterbody Location Information

Revised: 08/01/2017 05/10/2017

Water Index No: SL- 1-P109..P241..P276..P278
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 14.4 Acres
Description: entire lake

Water Class: C
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Impaired	Suspected
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ACID/BASE (PH)
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Unconfirmed: ---

Management Information

Management Status: Reassessment Needed
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water Requiring a TMDL (IR Category 5)

Further Details

Overview

Aquatic life support in Pilgrim Pond is known to be impaired by low pH, a result of atmospheric deposition (acid rain).

Use Assessment

The ponds in this segment are a Class C waterbodies, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life support in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts within this segment and is more than 30 years old.

Water Quality Information

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1986) revealed a pH below 5.0. Aquatic life in this segment is considered to be impaired. (DEC, DOW, BWAM/WQAS, May 2017 and ALSC, 1984-86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

The waters of this segment are included on the NYS 2016 Section 303(d) List of Impaired Waters. Pilgrim Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, May 2017)

Segment Description

This segment includes the total area of Pilgrim Pond. The waters of this lake are Class C.

Little Forked Lake (0903-0195)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P241..P276..P279
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 618.6 Acres
Description: entire lake

Water Class: C
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

Little Forked Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Little Forked Lake (P279). The waters of this lake are Class C.

Minor Lake Tribs to Little Forked Lake (0903-0196)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P241..P279..P280 to 290
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 189.8 Acres
Description: total area of select lakes

Water Class: C
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

The minor ponds and tribs to Little Forked Lake are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description:

This segment includes the total area of all selected/smaller lakes within the Little Forked Lake watershed. Lakes within this segment, including Little High Pond (P280), High Pond (P281), Cary Pond (P282), Hamilton Pond (P283), Sutton Pond (P284), Pear Pond (P285) and Elk Pond (P288), are Class D/C. Larger lakes, such as Moose Pond (P286) and Plumley Pond (P291), are listed separately.

Moose Pond (0903-0197)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P241..P279..P286	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 245.1 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

Moose Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Moose Pond (P286). The waters of this lake are Class C.

Plumley Pond (0903-0198)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P241..P279..P291
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 309.4 Acres
Description: entire lake

Water Class: C
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

Plumley Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Plumley Pond. The waters of this lake are Class C.

Minor Tribs to Raquette Lake (0903-0200)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P293-	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	River/Stream 100.4 Miles	Reg/County:	5/Hamilton (21)
Description:	total length of select tribs to lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

Minor tribs to Raquette Lake are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total length of selected/smaller tribs to Raquette Lake (P293). Tribs within this segment, including Boulder Brook (-1), Marion River (-4), Death Brook (-5), Otter Brook (-7), Browns Tract Inlet (-8), Beaver Brook (-11) and Sucker Brook (-13), are primarily Class C,C(T). South Inlet (-6) is listed separately.

Grass Pond (0903-0199)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- ..P292
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 27 Acres
Description: entire lake

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)
Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to "be forever kept as wild." FP waters are

suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Grass Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Grass Pond. The waters of this lake are in the Forest Preserve (FP).

Lower, Mid, Upper Sargent Pds, Helms Pd (0903-0201)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 1-P294 to P299
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 20.1 Acres
Description: total area of all four lakes

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Aquatic life support in a portion of this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts is limited to a small pond within this segment and is more than 30 years old. Other ponds in the segment supported aquatic life when previously monitored. Until more recent data on the larger waterbody is available, this segment will be considered to be unassessed.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Sargent Ponds and Helms Pond was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational at the time. Historical surveys of a small pond within this segment

indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1985) revealed a pH greater than 6.0 but little no fish in Lower Helms Pond (P298) and Helms Pond (P299). Upper, Middle and Lower Sargent Ponds had acceptable pH and healthy fish populations. (DEC, DOW, BWAM/WQAS, May 2017 and ALSC, 1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

In 2006, NYSDEC established and USEPA approved a TMDL to address acid rain impairment to 143 Adirondack lakes that are located in NYS Forest Preserve lands, including Lower Helms Pond. Recognizing that the available pH data for many of these lakes is 20–30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes in NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Lower, Middle, and Upper Sargent Ponds are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There appear to be no impacts/impairments that would justify the listing of this waterbody. Although it is assessed as an impaired water, Lower Helms Pond (P298, formerly PWL ID 0903-0024), is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The pond was delisted in 2006. (DEC/DOW, BWAM/WQAS, August 2017)

Segment Description

This segment includes the total area of Lower, Middle, Upper Sargent Ponds (P294, P295, P296), Helms Pond (P299), as well as the smaller Lower Helms Pond (P298), and unnamed pond (P297).

Eldon Lake (0903-0214)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P293- 2-P300	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 120.5 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-

Conditions Evaluated	Severity
Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

Monitoring of Eldon Lake was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, May 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Eldon Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Eldon Lake (P300). The waters of this lake are Class C.

Slim Pond (0903-0202)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P293- 4- 7-P302	Water Class:	FP
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 8 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Slim Pond was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, May 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Slim Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Slim Pond (P302). The waters of this lake are in the Forest Preserve (FP).

Utowana Lake, Eagle Lake (0903-0203)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 4-P304,P306
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 172.6 Acres
Description: total area of both lakes

Water Class: B
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Aquatic life support in a portion of this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts is limited to a two small ponds within this segment and is more than 30 years old. The larger lakes/ponds within the segment supported aquatic life when previously monitored. Until more recent data on the larger waterbody is available, this segment will be considered to be unassessed.

Use Assessment

Utowana Lake and Eagle Lake are a Class B waterbodies, suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Utowana Lake and Eagle Lake was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational at the time. Historical surveys of two small ponds within this segment indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1985) revealed a pH less than

5.0 and no fish in Potter Pond (P305) and Pine Pond (P309). (DEC, DOW, BWAM/WQAS, August 2017 and ALSC, 1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

In 2006, NYSDEC established and USEPA approved a TMDL to address acid rain impairment to 143 Adirondack lakes that are located in NYS Forest Preserve lands, including Potter Pond. Recognizing that the available pH data for many of these lakes is 20–30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes in NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Utowana Lake and Eagle Lake are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There appear to be no impacts/impairments that would justify the listing of this waterbody. Although they are assessed as impaired waters, Potter Pond (P305, formerly PWL ID 0903-0012) and Pine Pond (P309, formerly PWL ID 0903-0022), are categorized as an IR Category 4a waters that is not listed due to completion of a TMDL. The ponds were delisted in 2006. (DEC/DOW, BWAM/WQAS, August 2017)

Segment Description

This segment includes the total area of Utowana Lake (P304), Eagle Lake (P306), as well as the smaller Potter Pond (P305), Pine Pond (P309).

Blue Mountain Lake (0903-0204)

Impaired

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 4-P307
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 1235 Acres
Description: entire lake

Water Class: A(T)
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	Unassessed	-
Public Bathing	Unassessed	-
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Impaired	Known

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: METALS (MERCURY)
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Unconfirmed: Tox/Contam. Sediment

Management Information

Management Status: Strategy Implementation Scheduled or Underway
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview: Blue Mountain Lake is assessed as an impaired waterbody due to fish consumption uses that are known to be impaired by mercury from atmospheric deposition.

Use Assessment

Blue Mountain Lake is a Class A waterbody, suitable for water supply, public bathing, general recreation uses and support of aquatic life. The waterbody is also designated as a cold water (trout) fishery.

There is no evidence of recreation use impacts in Blue Mountain Lake, consistent with relatively low lake productivity, high water clarity, and the lack of invasive species and/or excessive aquatic vegetation. (DEC/DOW, BWAM, June 2016)

Aquatic life is considered to be fully supported based on DFWMR assessments that indicate a healthy warm water and cold water fishery. (DEC/DFWMR, Region 5, March 2015)

Fish consumption in Blue Mountain Lake is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of largemouth and smallmouth bass species over 15 inches in length because of elevated mercury levels. The source of this contamination is considered to be atmospheric deposition. The advisory for this

waterbody was first issued in 2006-07. (NYS DOH Health Advisories and DEC/FWMR, Habitat, June 2017)

Water Quality Information

Water quality sampling of Blue Mountain Lake has been conducted through Adirondack Lake Assessment Program (ALAP) run by Paul Smith's College from 1998 to 2016. Results of this sampling indicate the lake is best characterized as oligotrophic. Chlorophyll levels rarely exceed criteria corresponding to stressed recreational uses, while phosphorus concentrations are typically low. Lake clarity measurements indicate water transparency consistently exceeds the recommended minimum criteria for swimming beaches. Readings of pH typically fall within the range established in state water quality standards for protection of aquatic life. (DEC/DOW, BWAM/LMAS, June 2017 and ALAP, 2016)

Source Assessment

The sources of mercury to the lake are likely atmospheric deposition. Mercury concentrations in the lake sediments may also contribute to the fish consumption impairment.

Management Actions

In 2007, The New England Interstate Water Pollution Control Commission (NEIWPC), on behalf of its member states including New York, submitted and USEPA approved a TMDL to address mercury deposition in lakes throughout the Northeastern United States, including Blue Mountain Lake. The Northeast Regional Mercury TMDL notes that between 1998 and 2002 the Northeast states reduced in-region deposition of mercury by more than 70 percent. In addition these states have enforceable controls in place to meet the remaining reduction goals. Despite these reductions water quality impairment due to mercury still exists and elevated mercury levels in certain fish species remain a great concern. The TMDL shows and demonstrates that the need for significant reductions in the mercury reaching waters of the Northeast from sources outside the region by way of atmospheric deposition is essential to restoring these waters. (Northeast Regional Mercury TMDL, NEIWPC, 2007)

Section 303(d) Listing

Blue Mountain Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2010. (DEC/DOW, BWAM/WQAS, May 2017)

Segment Description

This segment includes the total area of Blue Mountain Lake (P307). The waters of this lake are Class A(T).

Chub Pond (0903-0205)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 4-P307-P310
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 18 Acres
Description: entire lake

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Chub Pond was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Chub Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Chub Pond. The waters of this lake are in the Forest Preserve (FP).

Minnow Pond (0903-0206)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P293- 4-P307-P311	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 108.5 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

Monitoring of Minnow Pond was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Minnow Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Minnow Pond. The waters of this lake are Class C.

South Inlet and tribs (0903-0207)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 6
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: River/Stream 53.4 Miles
Description: entire stream and tribs

Water Class: C(T)
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. The waterbody is also designated as a cold water (trout) fishery.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this

waterbody segment is needed.

Section 303(d) Listing

The South Inlet and tribs are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C,C(T). Tribs to this reach/segment are also Class C,C(T).

Mohegan Lake (0903-0208)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 6-11-P312
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 118.2 Acres
Description: entire lake

Water Class: B(T)
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class B waterbody, suitable for public bathing, general recreation uses and support of aquatic life, but not as a water supply. The waterbody is also designated as a cold water (trout) fishery.

Water Quality Information

Monitoring of Mohegan Lake was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Mohegan Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Mohegan Lake. The waters of this lake are Class B(T).

Sagamore Lake (0903-0209)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 6-P313
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 175.3 Acres
Description: entire lake

Water Class: B
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class B waterbody, suitable for public bathing, general recreation uses and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Sagamore Lake was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational uses at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Sagamore Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Sagamore Lake. The waters of this lake are Class B.

Aluminum Pond (0903-0006)

Minor Impacts

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293- 6-P313- 5-P315
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 18.7 Acres
Description: entire lake

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Impaired	Suspected
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ACID/BASE (PH)
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Unconfirmed: ---

Management Information

Management Status: Reassessment Needed
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview

Aquatic life support in this segment is considered to be impaired by low pH, a result of atmospheric deposition (acid rain).

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Aquatic life support in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts within this segment and is more than 30 years old.

Water Quality Information

Historical surveys of this lake indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH between 5.5 and 6.0 in Aluminum Pond (P315). Aquatic life in this lake is considered to be impaired. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

In 2006, NYSDEC established and USEPA approved a TMDL to address acid rain impairment to 143 Adirondack lakes that are located in NYS Forest Preserve lands, including Aluminum Pond. Recognizing that the available pH data for many of these lakes is 30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes in NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Aluminum Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2006. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Aluminum Pond. The waters of this lake are in the Forest Preserve (FP).

Lower, Upper Browns Tract Pond (0903-0210)

Unassessed

Waterbody Location Information

Revised: 08/01/2017 -

Water Index No: SL- 1-P109..P293- 8-P316,P317
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 209.7 Acres
Description: total area of both lakes

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Lower and Upper Browns Tract Ponds was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Lower and Upper Browns Tract Ponds are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Lower and Upper Browns Tract Ponds. The waters of these ponds are in the Forest Preserve (FP).

Cranberry Pond (0903-0212)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293-13..P319
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 27.4 Acres
Description: entire lake

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)
Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Cranberry Pond was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984–86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984–86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Cranberry Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Cranberry Pond. The waters of this ponds are in the Forest Preserve (FP).

Haymarsh Ponds, Lone Pond, more (0903-0017)

Minor Impacts

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293-13..P321,P322,P331
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 15.6 Acres
Description: total area of both lakes

Water Class: C(T)
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Impaired	Suspected
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ACID/BASE (PH)
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Unconfirmed: ---

Management Information

Management Status: Reassessment Needed
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water Requiring a TMDL (IR Category 5)

Further Details

Overview

Aquatic life support in this segment is considered to be impaired by low pH, a result of atmospheric deposition (acid rain).

Use Assessment

Haymarsh Ponds, Lone Pond, and unnamed pond (P323) are a Class C waterbodies, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. The waterbody is also designated as a cold water (trout) fishery.

Aquatic life support in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts within this segment and is more than 30 years old.

Water Quality Information

Historical surveys of these lakes indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH between 5.5 and 6.0 in Upper Haymarsh Pond (P322), Lone Pond (P331) and unnamed pond (P323). Aquatic life in these lake are considered to be impaired. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC,

1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Haymarsh Ponds, Lone Pond, and unnamed pond (P323) are included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. The waterbody is included on Part 2a of the List as an impaired waterbody due to atmospheric deposition/acid rain. This waterbody was first listed on the 1998 List. It should be noted that Upper Haymarsh Pond (P322) was included in the 2006 Acid Lakes TMDL for Forest Preserve Lakes, but no delisting occurred because this pond is a small portion of the overall segment. (DEC/DOW, BWAM/WQAS, August 2017)

Segment Description

This segment includes the total area of Lower and Upper Haymarsh Ponds (P321, P322), as well as the smaller Lone Pond (P331) and unnamed pond (P323).

Shallow Lake (0903-0213)

Unassessed

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293-13..P324
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 282.6 Acres
Description: entire lake

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to “be forever kept as wild.” FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Water Quality Information

Monitoring of Shallow Lake was included in the Adirondack Lake Survey Corporation (ALSC) lake monitoring and assessment effort conducted in the mid-1980s (1984-86). Generally these were one-time samples analyzed for variety of parameters, including total phosphorus, pH and water color. These data revealed no indication of impacts to aquatic life support or recreational at the time. Because the data is limited to single samples and collected more than 30 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984-86)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in this waterbody segment is needed.

Section 303(d) Listing

Shallow Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Shallow Lake. The waters of this ponds are in the Forest Preserve (FP).

Pelcher Pond (0903-0002)

Minor Impacts

Waterbody Location Information

Revised: 08/01/2017

Water Index No:	SL- 1-P109..P293-13..P324- 1-P325	Water Class:	C
Hydro Unit Code:	Raquette Lake-Raquette River (0415030501)	Drainage Basin:	Saint Lawrence River
Water Type/Size:	Lake/Reservoir 45.1 Acres	Reg/County:	5/Hamilton (21)
Description:	entire lake		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Impaired	Suspected
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ACID/BASE (PH)
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ATMOSPHERIC DEPOSITION
 Unconfirmed: ---

Management Information

Management Status: Reassessment Needed
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview

Aquatic life support in this segment is considered to be impaired by low pH, a result of atmospheric deposition (acid rain).

Use Assessment

Pelcher Pond is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life support in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts within this segment and is more than 30 years old.

Water Quality Information

Historical surveys of this lake indicate that low pH due to acid deposition is limiting the fishery. Monitoring by NYSDEC DFWMR (1979) revealed a pH below 5.0 in Pelcher Pond. Aquatic life in this lake is considered to be impaired. (DEC, DOW, BWAM/WQAS, June 2017 and ALSC, 1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

In 2006, NYSDEC established and USEPA approved a TMDL to address acid rain impairment to 143 Adirondack lakes that are located in NYS Forest Preserve lands, including Pelcher Pond. Recognizing that the available pH data for many of these lakes is 30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes in NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Pelcher Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2006. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Pelcher Pond. The waters of this lake are Class C.

Queer Lake, Middle Chain Pond (0903-0211)

Minor Impacts

Waterbody Location Information

Revised: 08/01/2017

Water Index No: SL- 1-P109..P293-13..P329,P327
Hydro Unit Code: Raquette Lake-Raquette River (0415030501)
Water Type/Size: Lake/Reservoir 131.3 Acres
Description: total area of both lakes

Water Class: FP
Drainage Basin: Saint Lawrence River
Reg/County: 5/Hamilton (21)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Impaired	Suspected
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ACID/BASE (PH)
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Unconfirmed: ---

Management Information

Management Status: Reassessment Needed
Lead Agency/Office: EPA/Reg2
IR/305(b) Code: Impaired Water, TMDL Completed (IR Category 4a)

Further Details

Overview

Aquatic life support in this segment is considered to be impaired by low pH, a result of atmospheric deposition (acid rain).

Use Assessment

This waterbody segment is within the NYS Forest Preserve (FP) and therefore not classified, however these waters are protected by Article XIV of the New York State Constitution and designated to "be forever kept as wild." FP waters are suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Aquatic life support in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts within this segment and is more than 30 years old.

Water Quality Information

Historical surveys of some of the lakes in this segment indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH below 5.0 in Lower, Middle and Upper Chain Ponds (P326, P327, P328) and unnamed pond (P330). Aquatic life in these ponds is considered to be impaired. (DEC, DOW, BWAM/WQAS, June

2017 and ALSC, 1984–86)

Source Assessment

The most likely source of low pH to the waterbody is atmospheric deposition.

Management Actions

In 2006, NYSDEC established and USEPA approved a TMDL to address acid rain impairment to 143 Adirondack lakes that are located in NYS Forest Preserve lands, including the Chain Ponds and unnamed pond (P330). Recognizing that the available pH data for many of these lakes is 20–30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes in NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Efforts are underway on a national level to address problems caused by acid rain by reducing pollutant emissions, as required by the Clean Air Act. New York State (and other northeastern states) have taken legal action against USEPA to accelerate implementation of controls. Monitoring of these waters will continue, in order to assess changes in water quality resulting from implementation of the Clean Air Act. However, these changes are expected to occur only slowly over time.

Section 303(d) Listing

Queer Lake, Lower, Middle and Upper Chain Ponds are not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Although it is assessed as an impaired water, it is categorized as an IR Category 4a water that is not listed due to completion of a TMDL. The lake was delisted in 2006. (DEC/DOW, BWAM/WQAS, June 2017)

Segment Description

This segment includes the total area of Queer Lake (P329), Lower, Middle and Upper Chain Ponds (P326, P327, P328), and unnamed pond P330). The waters of this lake are in the Forest Preserve (FP).