



Cold River Watershed (0415030502)

Water Index Number

SL- 1-P109..162
 SL- 1-P109..162- 1- 7-P217
 SL- 1-P109..162- 6-P221,P222
 SL- 1-P109..162-27-P230
 SL- 1-P109..162-31-P233,P234
 SL- 1-P109..162-31-P235
 SL- 1-P109..162-P238,P239

Waterbody

Cold River and tribs (0903-0173)
 Brueyer Pond (0903-0174)
 Moose Pond, Shaw Pond (0903-0175)
 Mountain Pond, more (0903-0176)
 Moose Pond, Black Pond (East) (0903-0007)
 Duck Hole Pond (0903-0177)
 Lower, Upper Preston Ponds (0903-0178)

Category

UnAssessed
 NoKnownImpct
 NoKnownImpct
 UnAssessed
 Impaired Seg
 UnAssessed
 UnAssessed

Brueyer Pond (0903-0174)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No: SL- 1-P109..162- 1- 7-P217
Hydro Unit Code: 04150305/040 **Str Class:** FP
Waterbody Type: Lake
Waterbody Size: 6.4 Acres
Seg Description: entire lake

Drain Basin: Saint Lawrence River
Raquette River
Reg/County: 5/Franklin Co. (17)
Quad Map: TUPPER LAKE (E-23-A)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Resolution/Management Information

Issue Resolvability: 8 (No Known Use Impairment)
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office: n/a **Resolution Potential:** n/a
TMDL/303d Status: n/a

Further Details

Water Quality Sampling

Monitoring of Brueyer 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 20 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, January 2009 and ALSC, 1984-86)

Segment Description

This segment includes the total area of Brueyer Ponds, as well as smaller unnamed pond (P216).

Moose Pond, Shaw Pond (0903-0175)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No: SL- 1-P109..162- 6-P221,P222
Hydro Unit Code: 04150305/040 **Str Class:** C(T)
Waterbody Type: Lake
Waterbody Size: 204.9 Acres
Seg Description: total area of both lakes

Drain Basin: Saint Lawrence River
Raquette River
Reg/County: 5/Essex Co. (16)
Quad Map: SANTANONI PEAK (E-24-B)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Resolution/Management Information

Issue Resolvability: 8 (No Known Use Impairment)
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office: n/a **Resolution Potential:** n/a
TMDL/303d Status: n/a

Further Details

Water Quality Sampling

Monitoring of Shaw 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 20 years ago, this assessment is considered to be evaluated, rather than monitored. (DEC, DOW, BWAM/WQAS, January 2009 and ALSC, 1984-86)

Moose Pond, Black Pond (East) (0903-0007)

Impaired Seg

Waterbody Location Information

Revised: 09/05/2008

Water Index No: SL- 1-P109..162-31-P233,P234
Hydro Unit Code: 04150305/040 **Str Class:** FP
Waterbody Type: Lake
Waterbody Size: 70.9 Acres
Seg Description: total area of both lakes

Drain Basin: Saint Lawrence River
Raquette River
Reg/County: 5/Essex Co. (16)
Quad Map: AMPERSAND LAKE (E-24-A)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
AQUATIC LIFE	Impaired	Suspected

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION
Possible: ---

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office: ext/EPA **Resolution Potential:** n/a
TMDL/303d Status: 4a (TMDL Complete, Being Implemented, Not Listed)

Further Details

Overview

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

Water Quality Sampling

Historical surveys of one of these lakes indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH greater than 6.0 in Black Pond, East (P234). Aquatic life in this lake is considered to be impaired. (DEC/DOW, BWAM, 2008)

Water Quality Management/TMDL

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 Black Pond, East. 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

Black Pond, East, was included on previous Section 303(d) Lists, but was delisting in 2006 due to the completion of an Acid Rain TMDL. (DEC/DOW, BWAM, 2008)

Segment Description

This segment includes the total area of Moose Pond (P233) and Black Pond, East (P234).