



Headwaters Salmon River Watershed (0415030701)

Water Index Number

SL(C)-29
 SL(C)-29-13,14
 SL(C)-29-18
 SL(C)-29-18-P38
 SL(C)-29-21
 SL(C)-29-21- 7- 3-P40
 SL(C)-29-21- 7- 8-P41
 SL(C)-29-22- 1-P47
 SL(C)-29-22- 3-P48
 SL(C)-29-22- 4-P49
 SL(C)-29-27-P62
 SL(C)-29-P26
 SL(C)-29-P50,P51
 SL(C)-29-P50,P51-
 SL(C)-29-P50- 3- 1-P55

Waterbody

Salmon River, Upper, and minor tribs (0902-0031)
 Roaring Brook, Salmon R Trib (0902-0077)
 Duane Stream and tribs (0902-0078)
 Debar Pond (0902-0079)
 Hatch Brook and tribs (0902-0080)
 Duck Pond (0902-0081)
 Grass Pond (0902-0082)
 Owls Head Pond (0902-0083)
 Drain Pond (0902-0084)
 Ingraham Pond (0902-0085)
 Plumadore Pond (0902-0086)
 Lamica Lake (0902-0087)
 Mountain View Lake, Indian Lake, more (0902-0030)
 Tribs to Mountain View, Indian, Ragged L (0902-0088)
 Charlie Pond (0902-0089)

Category

Threatened
 UnAssessed
 UnAssessed
 NoKnownImpct
 NoKnownImpct
 UnAssessed
 NoKnownImpct
 UnAssessed
 UnAssessed
 NoKnownImpct
 NoKnownImpct
 UnAssessed
 Need Verific
 UnAssessed
 NoKnownImpct

Water Index Number

SL(C)-29-P50- 3-P58

SL(C)-29-P50- 3-P58- 4-P59,P60

SL(C)-29-P65

SL(C)-29-P68

Waterbody

Ragged Lake (0902-0090)

Figure Eight Pond, Lilypad Pond (0902-0091)

Wolf Pond (0902-0006)

Catamount Pond (0902-0092)

Category

NoKnownImpct

NoKnownImpct

Impaired Seg

Impaired Seg

Salmon River, Upper, and minor tribs (0902-0031)

Threatened

Waterbody Location Information

Revised: 02/18/2009

Water Index No: SL(C)-29
Hydro Unit Code: 04150307/030 **Str Class:** C(T)
Waterbody Type: River
Waterbody Size: 122.9 Miles
Seg Description: stream and selected tribs, above Malone

Drain Basin: Saint Lawrence River
English/Salmon River
Reg/County: 5/Franklin Co. (17)
Quad Map: MALONE (B-23-3)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Habitat/Hydrology	Threatened	Known

Type of Pollutant(s)

Known: ---
Suspected: SILT/SEDIMENT (sand)
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: HYDRO MODIFICATION
Possible: ---

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 4 (Source Identified, Strategy Needed)
Lead Agency/Office: DEC/Reg5
TMDL/303d Status: n/a

Resolution Potential: Medium

Further Details

Overview

Habitat/hydrology in this portion of the Salmon River is known to be threatened by the potential releases of sediment from behind hydropower dams.

Habitat/Hydrology Issues

Free-flowing trout habitat is threatened by potential releases of sediments (sand) from dams at the head of this reach in Malone. Releases of sediments have occurred in the past and a substantial quantity of sediments are believed to have accumulated behind the Chasm Dam. Downstream of the dam the Salmon River supports a productive trout fishery. In such free-flowing habitats, high levels of embeddedness can impact natural reproduction by trout, overwinter survival of trout and invertebrates, and production of invertebrates. Embeddedness estimates for portions of this reach increased from a mean of about 15% (measured in 1995) to greater than 70% following a suspected discharge event in 1997. Some recovery of the habitat was noted by spring 1998. However the quality of the habitat and fishery downstream of the dam combined with past sediment release events and the apparent accumulation of sediments cause a concern regarding future sediment discharges. DEC Region 5 staff have notified Brookview Power, the owner/operator of both the Macomb and Chasm hydropower facilities, about DEC concerns regarding sediment issues and impact on the Salmon River. Further discussions concerning managing the situation to minimize the impact of the downstream habitat are continuing. (DEC/FWMR, Region 5, January 2009)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs above Branch Brook/Titus Stream (-6) in Malone. The waters of this portion of the stream are Class C(T). Tribs to this reach/segment, including Whippleville Brook (-7), Winslow Brook (-9), Ingraham Stream (-22) and Barnes Brook (-23), are Class C,C(T). Branch Brook/Titus Stream (-6), Duane Stream (-18), Hatch Brook (-21) and Lower Salmon River are listed separately.

Debar Pond (0902-0079)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-18-P38	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	B
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	87.5 Acres	Quad Map:	OWLS HEAD (C-24-1)
Seg Description:	entire lake		

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
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

Water Quality Sampling

Monitoring of Debar 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)

Hatch Brook and tribs (0902-0080)

NoKnownImpct

Waterbody Location Information

Revised: 12/12/2008

Water Index No:	SL(C)-29-21	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	River	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	83.0 Miles	Quad Map:	OWLS HEAD (C-24-1)
Seg Description:	entire stream and tribs		

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

Overview

Most recent sampling reveals a stream fully supporting aquatic life and recreational uses. There are some concerns regarding acid rain. However available data indicating such impacts is limited to two small ponds within this segment and is more than 20 years old. Until data on the larger waterbody is available, this segment will be considered to be assessed based on the more recent sampling.

Water Quality Sampling

A biological (macroinvertebrate) assessment of Hatch Brook at Porcaville (at County Route 27) was conducted in 2004 during the RIBS Biological Screening effort in the basin. Sampling results indicated non-impacted water quality conditions. The nutrient biotic index suggested oligotrophic conditions. Impact source determination identified the community as natural. The macroinvertebrate fauna was dominated by clean water riffle beetles, caddisflies, and mayflies. (DEC/DOW, BWAM/SBU, November 2008)

Historical surveys of two small ponds in this segment indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1986) revealed pH to be between 5.0 and 6.0 in Middle and Upper Notch Ponds. Fish were not present in either pond. (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 Middle and Upper Notch Ponds. 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

Middle and Upper Notch Ponds were included on previous Section 303(d) Lists, but were delisting in 2006 due to the completion of an Acid Rain TMDL. (DEC/DOW, BWAM, 2008)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment are Class C,C(T),C(TS) and D. This segment also includes Middle and Upper Notch Ponds (-9-P45, -9-P46).

Grass Pond (0902-0082)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-21- 7- 8-P41	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	18.4 Acres	Quad Map:	LOON LAKE (C-24-3)
Seg Description:	entire lake		

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 Grass 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)

Ingraham Pond (0902-0085)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-22- 4-P49	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	131.9 Acres	Quad Map:	BRAINARDSVILLE (B-24-3)
Seg Description:	entire lake		

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 Ingraham 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)

Plumadore Pond (0902-0086)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-27-P62	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	108.9 Acres	Quad Map:	RAGGED LAKE (C-24-2)
Seg Description:	entire lake		

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 Plumadore 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)

Mountain View Lake, Indian Lake, more (0902-0030)

Need Verific

Waterbody Location Information

Revised: 12/05/2008

Water Index No: SL(C)-29-P50,P51
Hydro Unit Code: 04150307/030 **Str Class:** B(T)
Waterbody Type: Lake
Waterbody Size: 234.7 Acres
Seg Description: total area of both lakes

Drain Basin: Saint Lawrence River
English/Salmon River
Reg/County: 5/Franklin Co. (17)
Quad Map: OWLS HEAD (C-24-1)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Possible
Recreation	Stressed	Possible

Type of Pollutant(s)

Known: ---
Suspected: ALGAL/WEED GROWTH, ACID/BASE (PH)
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ATMOSPH. DEPOSITION, HABITAT MODIFICATION
Possible: ---

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 1 (Waterbody Nominated, Problem Not Verified)
Lead Agency/Office: DOW/BWAM
TMDL/303d Status: n/a

Resolution Potential: Medium

Further Details

Overview

Recreational uses in Mountain View and Indian Lakes may experience impacts due to excessive aquatic weed growth. Possible Impacts to aquatic life due to acid rain effects should also be monitored.

Previous Assessment

Both Mountain View and Indian Lakes were sampled through the CSLAP program in the early 1990s. It was reported at that time that excessive weed growth along the lake shore limited accessibility and recreational uses, including boating. Older camps around lakes with failing and/or inadequate on-site septic systems were considered a likely source of nutrients to the lakes. Some camps along the lake are thought to use the lake as a water supply, although the lake is not classified for such use. A 1991 Aquatic Plant Survey and 1991-92 Limnological Information gathering by Adirondack Ecologists found that except for the aquatic weed problems, water quality as a whole was quite good in these lakes. (Franklin County WQCC and DEC/DOW, BWAM, 1993)

Section 303(d) Listing

Historical surveys of a small pond within this segment indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1986) revealed pH <5.0 and no fish in an South Duck Pond (P57). It is possible that aquatic life support

in this, and perhaps other, small ponds included in this segment may be limited due to low pH, a result of atmospheric deposition (acid rain). Since available data indicate such impacts do not affect Mountain View and Indian Lakes and since data suggesting impacts is limited to a small pond within this segment and is more than 20 years old, the assessment of this segment is more reflective of the more recent data collect in the larger lakes. (DEC/DOW, BWAM, 2008)

Section 303(d) Listing

South Duck Pond is included on the NYS 2008 Section 303(d) List of Impaired Waters in Appendix A as a Smaller Lake Impaired by Acid Rain. (DEC/DOW, BWAM, 2008)

Segment Description

This segment includes the total area of Mountain View Lake (P50) and Indian Lake (P51), as well as the smaller Deerily Pond (P53), Duck Pond (P54), South Duck Pond (P57) and unnamed ponds (P52, P56).

Charlie Pond (0902-0089)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-P50- 3- 1-P55	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	D
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	10.4 Acres	Quad Map:	RAGGED LAKE (C-24-2)
Seg Description:	entire lake		

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 Charlie 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)

Ragged Lake (0902-0090)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No:	SL(C)-29-P50- 3-P58	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	273.4 Acres	Quad Map:	RAGGED LAKE (C-24-2)
Seg Description:	entire lake		

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

Figure Eight Pond, Lilypad Pond (0902-0091)

NoKnownImpct

Waterbody Location Information

Revised: 01/23/2009

Water Index No: SL(C)-29-P50- 3-P58- 4-P59,P60
Hydro Unit Code: 04150307/030 **Str Class:** C(T)
Waterbody Type: Lake
Waterbody Size: 36.2 Acres
Seg Description: entire lake

Drain Basin: Saint Lawrence River
English/Salmon River
Reg/County: 5/Franklin Co. (17)
Quad Map: BRAINARDSVILLE (B-24-3)

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 Figure Eight 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)

Wolf Pond (0902-0006)

Impaired Seg

Waterbody Location Information

Revised: 09/05/2008

Water Index No:	SL(C)-29-P65	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	B
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	41.1 Acres	Quad Map:	RAGGED LAKE (C-24-2)
Seg Description:	entire lake		

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
AQUATIC LIFE	Precluded	Known

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

Known: ATMOSPHERIC DEPOSITION
Suspected: ---
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:	2a (Multiple Segment/Categorical Water, Atmosph Dep)	

Further Details

Overview

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

Water Quality Sampling

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by NYSDEC DFWMR (1981) revealed a pH <5.0. Aquatic life in this segment is considered to be impaired. (DEC/DOW, BWAM, 2008)

Water Quality Management

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 2008 Section 303(d) List of Impaired Waters. Wolf Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 2008)

Catamount Pond (0902-0092)

Impaired Seg

Waterbody Location Information

Revised: 01/14/2009

Water Index No:	SL(C)-29-P68	Drain Basin:	Saint Lawrence River
Hydro Unit Code:	04150307/030	Str Class:	C(T)
Waterbody Type:	Lake	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	13.3 Acres	Quad Map:	LOON LAKE (C-24-3)
Seg Description:	entire lake		

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

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

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

Known: ATMOSPHERIC DEPOSITION
Suspected: ---
Possible: ---

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 4 (Source Identified, Strategy Needed)
Lead Agency/Office: ext/EPA
TMDL/303d Status: n/a->2a*

Resolution Potential: Medium

Further Details

Overview

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

Water Quality Sampling

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFWMR (1979) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. (DEC/DOW, BWAM, 2008)

Water Quality Management

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 2008 Section 303(d) List of Impaired Waters. Catamount Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 2008)

Segment Description

This segment includes the entire lake. This waterbody was previously and erroneously reported to be in the Lake Champlain Basin and appeared as segment 1003-0002. The pond also appears in older stream classification listings as P65c.