



Saranac Lakes – Saranac River (0415040601)

C-15-P 86-P 90-65	Cold Brook and tribs (1003-0077)	UnAssessed
C-15-P 86/P 90-57 thru 64 (select)	Minor Tribs to Lake Flower/Oseetah Lake(1003-0075)	UnAssessed
C-15-P102/P103	First/Second Ponds(1003-0078)	NoKnownImpct
C-15-P104	Lower Saranac Lake (1003-0080)	Impaired Seg
C-15-P104-66 thru 74	Tribs to Lower Saranac Lake (1003-0082)	UnAssessed
C-15-P104-66-P106	Lake Colby (1003-0079)	NoKnownImpct
C-15-P104-67-P107	McCauley Pond (1003-0081)	NoKnownImpct
C-15-P104/P110 P108 thru113	Minor Lakes Trib to Low/MidSaranacLake(1003-0085)	UnAssessed
C-15-P110, P207 thru P209	Middle Saranac Lake (incl Weller Pond) (1003-0083)	Impaired Seg
C-15-P110-1 thru 8	Tribs to Middle Saranac Lake (1003-0121)	UnAssessed
C-15-P114	Upper Saranac Lake (1003-0048)	MinorImpacts
C-15-P114-1 thru 15	Tribs to Upper Saranac Lake (1003-0087)	UnAssessed
C-15-P114 P116	Follensby Clear Pond (1003-0088)	NoKnownImpct
C-15-P114 P118	Horseshoe Pond (1003-0089)	NoKnownImpct
C-15-P114 P120	Polliwog Pond (1003-0090)	Impaired Seg
C-15-P114 P123	Fish Creek Pond, East (1003-0091)	NoKnownImpct
C-15-P114 P124	Fish Creek Pond, West (1003-0092)	NoKnownImpct
C-15-P114 P125	Square Pond (1003-0093)	UnAssessed

C- 15-P114..P140	Little Square Pond (1003-0094)	UnAssessed
C- 15-P114..P142	Floodwood Pond (1003-0095)	UnAssessed
C- 15-P114..P143	Middle Pond (1003-0111)	NoKnownImpct
C- 15-P114..P147	East Pine Pond (1003-0096)	UnAssessed
C- 15-P114..P149	Long Pond (1003-0097)	UnAssessed
C- 15-P114..P159, P160	Slang Pond, Turtle Pond (1003-0098)	NoKnownImpct
C- 15-P114..P161	Hoel Pond (1003-0099)	UnAssessed
C- 15-P114..P168	Rollins Pond (1003-0100)	Need Verific
C- 15-P114..P170	Rock Pond (1003-0101)	UnAssessed
C- 15-P114..P173	West Pine Pond (1003-0102)	NoKnownImpct
C- 15-P114..P178	Deer Pond (Altamont) (1003-0103)	NoKnownImpct
C- 15-P114..P180	Whey Pond (1003-0104)	NoKnownImpct
C- 15-P114..P181	Deer Pond (Santa Clara)(1003-0105)	NoKnownImpct
C- 15-P114..P183	Green Pond (1003-0106)	UnAssessed
C- 15-P114..P186	Rat Pond (1003-0122)	UnAssessed
C- 15-P114..P191	Little Clear Pond (1003-0107)	UnAssessed
C- 15-P114..P192	Little Green Pond (1003-0108)	NoKnownImpct
C- 15-P114..P199	Lake Clear (1003-0109)	Need Verific

First/Second Ponds (1003-0078)

NoKnownImpct

Waterbody Location Information

Revised: 02/06/2009

Water Index No: C- 15-P102/P103
Hydro Unit Code: 02010006/010 **Str Class:** C
Waterbody Type: Lake
Waterbody Size: 153.8 Acres
Seg Description: total area of both lakes

Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: SARANAC LAKE (D-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
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

Water Quality Sampling

Monitoring of First and Second 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 use 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 both lakes from the lock/dam above Oseetah Lake to Lower Saranac Lake.

Lower Saranac Lake (1003-0080)

Impaired Seg

Waterbody Location Information

Revised: 04/22/2009

Water Index No:	C- 15-P104	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake (Mesotrophic)	Reg/County:	5/Franklin Co. (17)
Waterbody Size:	2145.1 Acres	Quad Map:	SARANAC LAKE (D-24-B)
Seg Description:	entire lake		

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
FISH CONSUMPTION	Impaired	Known

Type of Pollutant(s)

Known: METALS (mercury)
Suspected: - - -
Possible: - - -

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: 3 (Strategy Being Implemented)
Verification Status: 5 (Management Strategy has been Developed)
Lead Agency/Office: ext/EPA
TMDL/303d Status: 2b->4a?

Resolution Potential: Medium

Further Details

Overview

Fish consumption in Lower Saranac Lake is known to be impaired by health advisories that recommend restricting the consumption of fish from the lake. Mercury contamination from atmospheric deposition is the suspected source of the impairment.

Fish Consumption

Fish consumption in Lower Saranac Lake is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of larger smallmouth bass (over 15 inches) 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 NYS DOH Health Advisories and DEC/DFWMR, Habitat, January 2008).

Section 303(d) Listing

Due to the recently issued fish consumption advisory Lower Saranac Lake was included in the 2008 Section 303(d) List. However the Northeast Regional Mercury TMDL which was approved in 2007 provides coverage for a number of specific waters as well as waters that are subsequently identified as being impaired by mercury from atmospheric deposition. NYSDEC is currently considering delisting this waterbody because of coverage under this TMDL. (DEC/DOW, BWAM, January 2008)

Lake Colby (1003-0079)

NoKnownImpct

Waterbody Location Information

Revised: 03/09/2009

Water Index No: C-15-P104-66-P106
Hydro Unit Code: 02010006/010 **Str Class:** A(T)
Waterbody Type: Lake (Mesotrophic)
Waterbody Size: 295.1 Acres
Seg Description: entire lake

Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: SARANAC LAKE (D-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
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

Water Quality Sampling

Lake Colby has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1999 and continuing through 2001. An Interpretive Summary report of the findings of this sampling was published in 2002. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. Phosphorus levels in the lake rarely exceed the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements meet the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is moderately colored, reflecting natural conditions of the watershed. But color does not limit water transparency. (DEC/DOW, BWAM/CSLAP, November 2002)

Monitoring of Lake Colby and Little Colby 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 use at the time. (DEC, DOW, BWAM/WQAS, January 2009 and ALSC, 1984-86)

Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable. The recreational suitability of the lake is described most frequently

as "excellent" or only "slightly" impacted. The lake itself is most often described as "not quite crystal clear," an assessment that is consistent measured water quality characteristics. Assessments have noted that aquatic plants occasionally grow to the lake surface. Aquatic plants are dominated by a mix of native and non-native species and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, November 2002)

Lake Uses

This lake waterbody is designated class A(T), suitable for use as a water supply, public bathing beach, general recreation and aquatic life support. Water quality monitoring by NYSDEC focuses primarily on support of general recreation and aquatic life. Samples to evaluate the bacteriological condition and bathing use of the lake or to evaluate contamination from organic compounds, metals or other inorganic pollutants have not been collected as part of the CSLAP monitoring program. Monitoring to assess potable water supply and public bathing use is generally the responsibility of state and/or local health departments.

Segment Description

This segment includes the total area of Lake Colby, and smaller Little Colby Pond (P105).

Middle Saranac Lake (incl Weller Pond) (1003-0083)

Impaired Seg

Waterbody Location Information

Revised: 04/22/2009

Water Index No: C- 15-P110, P207 thru P209
Hydro Unit Code: 02010006/010 **Str Class:** AA
Waterbody Type: Lake
Waterbody Size: 1587.7 Acres
Seg Description: entire lake

Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-B)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
FISH CONSUMPTION	Impaired	Known
Aquatic Life	Threatened	Suspected

Type of Pollutant(s)

Known: METALS (mercury)
Suspected: - - -
Possible: Acid/Base (pH)

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: 3 (Strategy Being Implemented)
Verification Status: 5 (Management Strategy has been Developed)
Lead Agency/Office: ext/EPA
TMDL/303d Status: 4a (TMDL Complete, Being Implemented, Not Listed)

Resolution Potential: Medium

Further Details

Overview

Fish consumption in Middle Saranac Lake (including Weller Pond) is known to be impaired by health advisories that recommend restricting the consumption of fish from Weller Pond. The impairment is considered to extend to Middle Saranac Lake as well. Mercury contamination from atmospheric deposition is the suspected source of the impairment. Aquatic life support in these lakes may also be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts is limited to small ponds within this segment and is more than 20 years old. Until more recent data on the larger waterbodies is available, this segment will be considered to be unassessed regarding these impacts.

Fish Consumption

Fish consumption in Weller Pond is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of northern pike 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. Although the advisory is specific to Weller Pond, movement of pike thru the Middle Saranac Lake system suggests that the contamination has implications for all waters of this segment. The advisory for this lake was first issued in 2005-06. (2008-09 NYS DOH Health Advisories and DEC/DFWMR, Habitat, January 2009).

Water Quality Sampling

Monitoring of small ponds in this segment by 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. Monitoring by ALSC revealed somewhat low pH in Tamarack Pond (P207). This sampling revealed no indication of impacts to aquatic life support or recreational use in Little Weller Pond (P208) or Weller Pond (P209). (DEC, DOW, BWAM/WQAS, January 2009 and ALSC, 1984-86)

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

Due to the fish consumption advisory Middle Saranac Lake/Weller Pond was included in the 2006 Section 303(d) List of Impaired Waters, but it is not included on the 2008 List. The waterbody was delisted in 2008 due to the completion of the Northeast Regional Mercury TMDL which was approved in 2007 and provides coverage for this specific waterbody. (DEC/DOW, BWAM, January 2009)

Segment Description

This segment includes the total area of Middle Saranac Lake, as well as Tamarack Pond (P207), Little Weller Pond (P208), Weller Pond (P209).

Upper Saranac Lake (1003-0048)

MinorImpacts

Waterbody Location Information

Revised: 03/09/2009

Water Index No: C- 15-P114
Hydro Unit Code: 02010006/010 **Str Class:** AA
Waterbody Type: Lake (Mesotrophic)
Waterbody Size: 4844.1 Acres
Seg Description: entire lake

Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-B)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

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

Type of Pollutant(s)

Known: D.O./OXYGEN DEMAND, Problem Species (Eurasian milfoil)
Suspected: Nutrients
Possible: - - -

Source(s) of Pollutant(s)

Known: OTHER SOURCE (natural morphology), Habitat Modification
Suspected: On-Site/Septic Syst
Possible: - - -

Resolution/Management Information

Issue Resolvability: 2 (Strategy Exists, Needs Funding/Resources)
Verification Status: 5 (Management Strategy has been Developed)
Lead Agency/Office: DEC/FWMR
TMDL/303d Status: n/a

Resolution Potential: Medium

Further Details

Overview

Aquatic life support and recreation are thought to experience minor impacts/threats due to low dissolved oxygen and invasive aquatic plant growth. Low dissolved oxygen occurs at the lake bottom during summer months impacting coldwater fish species that reside in the lake, although the lake is not classified as a coldwater fishery. A significant Eurasian watermilfoil control program is conducted annually on the lake.

Water Quality Sampling

Upper Saranac Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) in 2006. An Interpretive Summary report of the findings of this sampling was published in 2007. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. Phosphorus levels in the lake rarely exceed the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements consistently exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is weakly to moderately colored, but color does not appear limit water transparency. (DEC/DOW, BWAM/CSLAP, March 2007)

The coldwater/trout fishery, in Upper Saranac Lake is stressed by low summer hypolimnetic dissolved oxygen levels. During warmer months, low D.O. forces lake trout to leave preferred cold water habitat for less desirable warmer water.

This narrower range of habitat places stress on the fishery. (DEC/DOW, Region 5, March 2007).

Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be favorable. The recreational suitability of the lake is described most frequently as "excellent" or most uses. The lake itself is most often described as "not quite crystal clear" or as having "definite algal greenness," an assessment that is consistent measured water quality characteristics. Assessments have noted that aquatic plants only rarely grows to the lake surface, thought this may be a result of the active milfoil management program. Aquatic plant surveys have not been conducted through CSLAP at Upper Saranac Lake. However, the presence of Eurasian watermilfoil was verified by a number of researchers, and this plant has been the subject of extensive management activities on the lake. (DEC/DOW, BWAM/CSLAP, March 2007)

Lake Uses

This lake waterbody is designated class AA, suitable for use as a water supply, public bathing beach, general recreation and aquatic life support. Water quality monitoring by NYSDEC focuses primarily on support of general recreation and aquatic life. Samples to evaluate the bacteriological condition and bathing use of the lake or to evaluate contamination from organic compounds, metals or other inorganic pollutants have not been collected as part of the CSLAP monitoring program. Monitoring to assess potable water supply and public bathing use is generally the responsibility of state and/or local health departments.

Source Assessment

Contributing factors to the oxygen depletion in the hypolimnion include organic decomposition, recycling of nutrients (phosphorus) in lake sediments, commercial properties, individual on-site septic systems serving lakeshore residences and natural drainage from nutrient-rich bog areas around the lake. A NYSDEC fish hatchery (the Adirondack Hatchery) and campground (Fish Creek) have been previously listed as contributing to the nutrient (phosphorus) load in the lake. However after considerable upgrades to the hatchery, more recent nutrient budgets for the lake indicate the hatchery contributes only about 1% of the phosphorus load to the lake. Similarly, renovations to address pollution impacts from the campground were completed in 2000 and its contributions have also been minimized. (DEC/DFWMR and DOW, Region 5, March 2009)

Water Quality Management

Beginning in May of 2004, the residents of Upper Saranac Lake committed to a major effort to control Eurasian watermilfoil using manual removal. The milfoil is hand harvested by divers who begin working their way around the lake in May/June of each year. In addition to harvesting milfoil, the divers also collect data to produce a milfoil distribution map. Results show significant reduction in plant densities since 2005. (Upper Saranac Lake Foundation and Adirondack Watershed Institute, January 2009)

Section 303(d) Listing

Upper Saranac Lake is included on the NYS 2008 Section 303(d) List of Impaired Waters. The lake is included among the waters listed in Appendix B - Waters Not Meeting Dissolved Oxygen Standards. This part of the List recognizes waterbodies where low dissolved oxygen in lake bottom waters may be the result of morphology and other natural conditions in thermally stratified lakes. This updated assessment suggests that the impacts to the fishery do not reach the level of an impairment to aquatic life support and the impacts in this non-trout water are largely to coldwater species. Based on the level of impacts, the lake will continue to be assessed as having minor impacts. However because NYS water quality standards for dissolved oxygen do not include an explicit exception for natural conditions or averaging of dissolved oxygen over lake depth, USEPA requires that the Section 303(d) List recognize such waters.

Segment Description

This segment includes the total area of Upper Saranac Lake.

Follensby Clear Pond (1003-0088)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P116	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	490.4 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Follensby 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 use 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)

Horseshoe Pond (1003-0089)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P118	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	86.4 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Horseshoe and Little Polliwog 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 use 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 Horseshoe Pond, and smaller Little Polliwog Pond (P119).

Polliwog Pond (1003-0090)

Impaired Seg

Waterbody Location Information

Revised: 04/22/2009

Water Index No:	C- 15-P114..P120	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	210.5 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-B)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
FISH CONSUMPTION	Impaired	Known
Aquatic Life	Threatened	Suspected

Type of Pollutant(s)

Known: METALS (mercury)
Suspected: - - -
Possible: Acid/Base (pH)

Source(s) of Pollutant(s)

Known: ATMOSPHER. DEPOSITION
Suspected: - - -
Possible: - - -

Resolution/Management Information

Issue Resolvability:	3 (Strategy Being Implemented)	
Verification Status:	5 (Management Strategy has been Developed)	
Lead Agency/Office:	ext/EPA	Resolution Potential: Medium
TMDL/303d Status:	4a (TMDL Complete, Being Implemented, Not Listed)	

Further Details

Overview

Fish consumption in Polliwog Pond is known to be impaired by health advisories that recommend restricting the consumption of fish from the pond. Mercury contamination from atmospheric deposition is the suspected source of the impairment. Aquatic life support in these lakes may also be limited due to low pH, a result of atmospheric deposition (acid rain). However available data indicating such impacts is limited to small ponds within this segment and is more than 20 years old. Until more recent data on the larger waterbodies is available, this segment will be considered to be unassessed regarding these impacts.

Fish Consumption

Fish consumption in Polliwog Pond is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of 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. (2008-09 NYS DOH Health Advisories and DEC/DFWMR, Habitat, January 2009).

Water Quality Sampling

Monitoring of Polliwog Pond and the smaller West Polliwog Pond in this segment was included by 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. Monitoring by ALSAC revealed somewhat low pH in Polliwog Pond (P120) and very low pH in the smaller West Polliwog Pond (P122). Because the data is limited to single samples and collected more than 20 years ago, this segment will be considered to be unassessed for these impacts until more recent data on the larger waterbodies is available. (DEC, DOW, BWAM/WQAS, January 2009 and ALSAC, 1984-86)

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

West Polliwog Pond (P122) is included on the NYS 2008 Section 303(d) List of Impaired Waters in Appendix A as a Smaller Lakes Impaired by Acid Rain. Due to the fish consumption advisory Polliwog Pond was included in the 2006 Section 303(d) List of Impaired Waters, but it is not included on the 2008 List. The waterbody was delisted in 2008 due to the completion of the Northeast Regional Mercury TMDL which was approved in 2007 and provides coverage for this specific waterbody. (DEC/DOW, BWAM, January 2009)

Segment Description

This segment includes the total area of Polliwog Pond (P120) , as well as the smaller West Polliwog Pond (P122) and unnamed pond (P121).

Fish Creek Pond, East (1003-0091)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P123	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	85.2 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Fish Creek Pond East 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 use 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)

Fish Creek Pond, West (1003-0092)

NoKnownImpct

Waterbody Location Information

Revised: 01/09/2001

Water Index No:	C- 15-P114..P124	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	73.6 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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

Fish Creek Pond West was included in the 1987 Lake Classification and Inventory monitoring effort; results of this study found no evidence of water quality impairment. However because the data set is more than 10 years old, the assessment is considered to be evaluated, rather than monitored and should be verified with additional monitoring. (DEC/DOW, BWM/Lake Services, December 2000)

Monitoring of Fish Creek Pond West 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 use 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)

Middle Pond (1003-0111)

NoKnownImpct

Waterbody Location Information

Revised: 10/05/2000

Water Index No:	C- 15-P114..P143	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	60.8 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Middle 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 use 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 Middle Pond (P143).

Slang Pond, Turtle Pond (1003-0098)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P159, P160	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	118.8 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Slang and Turtle 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 use 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 both Sland Pond (P159) and Turtle Pond (P160).

Rollins Pond (1003-0100)

Need Verific

Waterbody Location Information

Revised: 01/09/2001

Water Index No:	C- 15-P114..P168	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	447.5 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-B)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Recreation	Stressed	Possible
Aesthetics	Stressed	Possible

Type of Pollutant(s)

Known: - - -
Suspected: NUTRIENTS, Algal/Weed Growth (algal blooms)
Possible: - - -

Source(s) of Pollutant(s)

Known: - - -
Suspected: - - -
Possible: UNKNOWN SOURCE

Resolution/Management Information

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

Further Details

Overview

Recreational uses in Rollins Pond may experience minor impacts due to nutrient loading and algal blooms due to nonpoint sources. These conditions were revealed in a 1987 Lake Classification and Inventory monitoring effort. However the data set is more than 10 years old, and the assessment should be verified with additional monitoring.

Water Quality Sampling

Monitoring of Rollins Pond and many smaller ponds within this segment 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 use 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 Rollins Pond (P168), as well as smaller unnamed ponds (P167, P169, P172, P174, P175, P176).

West Pine Pond (1003-0102)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P173	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	64.8 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 West Pine 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 use 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 West Pine Pond (P173).

Deer Pond (Altamont) (1003-0103)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No:	C- 15-P114..P178	Drain Basin:	Lake Champlain
Hydro Unit Code:	02010006/010	Str Class:	AA
Waterbody Type:	Lake		Great Chazy/Saranac
Waterbody Size:	52.7 Acres	Reg/County:	5/Franklin Co. (17)
Seg Description:	entire lake	Quad Map:	UPPER SARANAC LAKE (D-23-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 Dear 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 use 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 Deer Pond (P178) and unnamed ponds (P177, P179).

Whey Pond (1003-0104)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No: C-15-P114..P180
Hydro Unit Code: 02010006/010 **Str Class:** AA
Waterbody Type: Lake
Waterbody Size: 107.4 Acres
Seg Description: entire lake
Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-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 Whey 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 use 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 Whey Pond (P180).

Deer Pond (Santa Clara) (1003-0105)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No: C- 15-P114..P181
Hydro Unit Code: 02010006/010 **Str Class:** AA
Waterbody Type: Lake
Waterbody Size: 115.8 Acres
Seg Description: entire lake
Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-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 Deer Pond as well as a smaller pond with in segment this 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 use 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 Deer Pond (P181) and Mud Pond (P182).

Little Green Pond (1003-0108)

NoKnownImpct

Waterbody Location Information

Revised: 09/28/2000

Water Index No: C- 15-P114..P192
Hydro Unit Code: 02010006/010 **Str Class:** AA
Waterbody Type: Lake
Waterbody Size: 69.9 Acres
Seg Description: entire lake

Drain Basin: Lake Champlain
Great Chazy/Saranac
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-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 Little Green 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 use 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 Little Green Pond (P192).

Lake Clear (1003-0109)

Need Verific

Waterbody Location Information

Revised: 02/24/2009

Water Index No: C- 15-P114..P199
Hydro Unit Code: 02010006/010 **Str Class:** AA(T)
Waterbody Type: Lake
Waterbody Size: 1091.8 Acres
Seg Description: entire lake

Drain Basin: Lake Champlain
Reg/County: 5/Franklin Co. (17)
Quad Map: UPPER SARANAC LAKE (D-23-B)

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

Resolution Potential: Medium

Further Details

Overview

Monitoring of Lake Clear reveals no impacts to uses. However aquatic life support in the smaller ponds in this segment is considered to be impaired due to low pH, a result of atmospheric deposition (acid rain). Available data indicating such impacts are limited to smaller ponds within this segment and is more than 20 years old. Until more recent data on the condition of these smaller waters is available, the impairment to aquatic life support in this is segment will be considered to be suspected and limited.

Water Quality Sampling

Lake Clear has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1998 and continuing through 2005. An Interpretive Summary report of the findings of this sampling was published in 2006. These data indicate that the lake continues to be best characterized as mesoligotrophic, or moderately unproductive. Phosphorus levels in the lake typically fall well below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements typically significantly exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality standard range of 6.5 to 8.5. The lake water is slightly to moderately colored, but color does not appear to limit water transparency. (DEC/DOW, BWAM/CSLAP, July 2006)

Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable since the lake was first evaluated and continuing through the most recent assessment. The recreational suitability of the lake is described most frequently as "excellent" or only "slightly" impacted. The lake itself is most often described as "crystal clear," an assessment somewhat more favorable than indicated by measured water quality characteristics, while the recreational assessment are slightly less favorable. Assessments have noted that aquatic plants regularly grow to, but not densely at, the lake surface. Aquatic plants surveys have not been conducted on the lake. (DEC/DOW, BWAM/CSLAP, July 2006)

Lake Uses

This lake waterbody is designated class AA, suitable for use as a water supply, public bathing beach, general recreation and aquatic life support. Water quality monitoring by NYSDEC focuses primarily on support of general recreation and aquatic life. Samples to evaluate the bacteriological condition and bathing use of the lake or to evaluate contamination from organic compounds, metals or other inorganic pollutants have not been collected as part of the CSLAP monitoring program. Monitoring to assess potable water supply and public bathing use is generally the responsibility of state and/or local health departments.

Other/Previous Sampling

Monitoring of Lake Clear (P199) was not 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. However, monitoring by ALSC (1985) revealed very low pH in Lindsey Pond (P200), Saint Germain Pond (P201) and Conley Line Pond (P204) and somewhat low pH in Meadow Pond (P203). Historical surveys of the smaller pond within this segment indicate that low pH due to acid deposition is limiting the fishery. (DEC, DOW, BWAM/WQAS, January 2009 and ALSC, 1984-86)

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

Saint Germain Pond (P201) is included on the 2008 Section 303(d) List of Impaired Waters within the listing for Minor Lakes Trib to Upper Saranac Lake (1002-0086). However the lakes within this segment, including Saint Germain Pond, have been reassigned to other segments. As a result, it is recommended that the listing for Minor Lakes Trib to Upper Saranac Lake be replaced by a listing for Clear Pond. Lindsey Pond (P200) is included on the NYS 2008 Section 303(d) List of Impaired Waters in Appendix A as a Smaller Lakes Impaired by Acid Rain. (DEC/DOW, BWAM, 2008)

Segment Description

This segment includes the total area of Clear Pond (P199) and St. Germain Pond (P201) and Meadow Pond (P203), as well as smaller Lindsey Pond (P200), Conley Line Pond (P204) and unnamed ponds (P202). All the waters of this segment are Class AA.