



## South Branch Moose River Watershed (0415010104)

Water Index Number	Waterbody Segment	Category
Ont 19- 81	<a href="#">South Br Moose R, Lower, and tribs (0801-0227)</a>	NoKnownImpct
Ont 19- 81-24- 1-P803	Bloodsucker Pond (0801-0368)	UnAssessed
Ont 19- 81-24-P804	Nicks Lake (0801-0379)	UnAssessed
Ont 19- 81-34- 1- 1-P807	Rock Pond (0801-0380)	UnAssessed
Ont 19- 81-34-P808	Little Moose Lake (0801-0381)	UnAssessed
Ont 19- 81-34-P808-	Tribes to Little Moose Lake (0801-0382)	UnAssessed
Ont 19- 81-34-P808- 6-P809	Panther Lake (0801-0383)	UnAssessed
Ont 19- 81-40-P811	Combs Lake (0801-0384)	UnAssessed
Ont 19- 81-42a-P812	Green Lake (0801-0385)	UnAssessed
Ont 19- 81-44- 5-P814	East Pond (0801-0386)	UnAssessed
Ont 19- 81-44- 7..P818 thru P824	Minor Lakes Trib to Limekiln Creek Trib (0801-0387)	UnAssessed
Ont 19- 81-44-P826	Limekiln Lake (0801-0388)	UnAssessed
Ont 19- 81-44-P826- 4-P827	Fawn Lake (0801-0390)	UnAssessed
Ont 19- 81-44-P826-1,2	Tribes to Limekiln Lake (0801-0391)	UnAssessed
Ont 19- 81-45..P828 thru P834	<a href="#">Horseshoe Pd, Hall Pd, Pico Lk, Round Pd (0801-0392)</a>	Need Verific
Ont 19- 81-51- 2..P836,P837	<a href="#">Stink Lake, Balsam Lake (0801-0034)</a>	Impaired Seg
Ont 19- 81-51-P838	Canachagala Lake (0801-0393)	UnAssessed
Ont 19- 81-52..P841	<a href="#">Kettle Pond, more (0801-0131)</a>	Impaired Seg
Ont 19- 81-55- 6-P847,P848	Lower, Upper Mitchell Ponds (0801-0394)	UnAssessed
Ont 19- 81	<a href="#">South Br Moose R, Upper, and minor tribs (0801-0346)</a>	MinorImpacts
Ont 19- 81-58	Indian River and tribs (0801-0395)	UnAssessed
Ont 19- 81-58..P849,P850	Beaver Lake, Squaw Lake (0801-0396)	UnAssessed
Ont 19- 81-58..P852	<a href="#">Indian Lake (0801-0002)</a>	Impaired Seg

<b>Water Index Number</b>	<b>Waterbody Segment</b>	<b>Category</b>
Ont 19- 81-58..P854,P855	<a href="#">Horn Lake, Mountain Lake, more (0801-0052)</a>	Impaired Seg
Ont 19- 81-58..P862 thru P875	<a href="#">Minor Lakes Trib to Indian River (0801-0010)</a>	Impaired Seg
Ont 19- 81-58..P874	<a href="#">Brooktrout Lake (0801-0009)</a>	Impaired Seg
Ont 19- 81-60..P876 thru P880	<a href="#">Minor Lakes Trib to Benedict Creek (0801-0029)</a>	Impaired Seg
Ont 19- 81-60..P883	Lake Kora/Sumner Lake (0801-0397)	UnAssessed
Ont 19- 81-61	Otter Brook and tribs (0801-0398)	UnAssessed
Ont 19- 81-61- 4-P885	<a href="#">Falls Pond (0801-0399)</a>	Impaired Seg
Ont 19- 81-61-P887	Lost Pond (0801-0400)	UnAssessed
Ont 19- 81-69-P888	<a href="#">Sly Pond (0801-0007)</a>	Impaired Seg
Ont 19- 81-71- 2- 1-P889	<a href="#">Cellar Pond (0801-0001)</a>	Impaired Seg
Ont 19- 81-P782a..P795,P796	Quiver Pond, Mountain Pond (0801-0450)	UnAssessed
Ont 19- 81-P890	Little Moose Lake (0801-0401)	UnAssessed



# Horseshoe Pd, Hall Pd, Pico Lk, Round Pd (0801-0392) Need Verific

## Waterbody Location Information

Revised: 03/12/2007

**Water Index No:** Ont 19- 81-45..P828,P831,P832,P834   **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050   **Str Class:** C(T)   Black River  
**Waterbody Type:** Lake (Mesotrophic)   **Reg/County:** 6/Herkimer Co. (22)  
**Waterbody Size:** 57.7 Acres   **Quad Map:** OLD FORGE (G-21-0)  
**Seg Description:** total area of all four lakes

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Recreation	Threatened	Suspected

### Type of Pollutant(s)

Known: ALGAL/WEED GROWTH, PROBLEM SPECIES (Eurasian milfoil)  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: 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   **Resolution Potential:** Medium  
**TMDL/303d Status:** n/a

## Further Details

Recreational uses in Horseshoe Pond are thought to be threatened by increasing aquatic weed growth. Occasionally high phosphorus values are also of some concern. Continued monitoring of the lake is recommended to determine if recent assessments represent a declining water quality trend or results collected during an atypical year.

Horseshoe Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 2000 and continuing through the present. 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 mesotrophic, or moderately productive, although productivity evaluations are confounded by the high (probably natural) color readings in the lake (and resulting low water transparency). Phosphorus levels in the lake occasionally exceed (by slight amount) the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements occasionally fail to meet what is recommended for swimming beaches although, again, this is thought to be a function of higher (natural) lake color. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is highly colored (high levels of dissolved organic matter) and color readings are clearly high enough to exert limits on the water transparency. (DEC/DOW, BWAM/CSLAP, April 2006)

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. These assessment indicate

recreational suitability of the lake to be very generally favorable, although assessments in more recent years have declined some. The recreational suitability of the lake was described in 2004, 2005 as "slightly impaired," a decline from previous years when it was evaluated most frequently as "could not be nicer" or "excellent." The lake itself is most often described as "crystal clear" or "not quite crystal clear," an assessment that is more favorable than suggested by water quality clarity conditions but typical of high color, low algae lakes. Assessments have noted an increase in aquatic plants densities that have had impacts on recreational uses. Eurasian watermilfoil has been documented in the lake. (DEC/DOW, BWAM/CSLAP, May 2006)

This lake waterbody is designated class C(T), suitable for general recreation use and aquatic life support, but not as a water supply or public bathing beach. Water quality monitoring by NYSDEC focuses primarily on support of general recreation and aquatic life.

# Stink Lake, Balsam Lake (0801-0034)

# Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-51- 2..P836,P837      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 6/Herkimer Co. (22)  
**Waterbody Size:** 88.9 Acres      **Quad Map:** OLD FORGE (G-21-0)  
**Seg Description:** total area of both lakes

## 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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

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

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1973) and DOW/BWR (1974) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Balsam Lake is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 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.

# Kettle Pond, more (0801-0131)

# Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-52..P841  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)  
**Waterbody Type:** Lake  
**Waterbody Size:** 6.4 Acres  
**Seg Description:** entire lake

**Drain Basin:** Black River  
**Reg/County:** 6/Herkimer Co. (22)  
**Quad Map:** OLD FORGE (G-21-0)

## 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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

Aquatic life support in Kettle Pond and other waters of this segment is known to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984-85) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired.

The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Kettle Pond (P841) is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. Unnamed ponds P840 and P846 are also included on the 2006 Section 303(d) List in Appendix A as a Smaller Lake Impaired by Acid Rain. (DEC/DOW, BWAM, 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.

This segment includes smaller lakes within the Lost Creek watershed, including unnamed ponds P839 thru P846.



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.

This segment includes the portion of the stream and selected/smaller tribs above Indian River (-58). The waters of this portion of the stream are Class C(T). Tribs to this reach/segment, including Sumner Stream (-60) and Butter Brook (-73), are also Class C(T). Indian River (-58) and Otter Brook (-61) are listed separately.

# Indian Lake (0801-0002)

# Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-58..P852      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 82.1 Acres      **Quad Map:** OLD FORGE (G-21-0)  
**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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

Aquatic life support in Indian Lake and other waters of this segment is known to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DOW/BWR (1984) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Indian Lake is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. Muskrat Pond (P853) and unnamed pond (P851) are also included on the 2006 Section 303(d) List in Appendix A as a Smaller Lake Impaired by Acid Rain. (DEC/DOW, BWAM, 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.

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 Indian Lake. 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 (NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

This segment includes unnamed pond (P851) and Muskrat Pond (P853).

# Horn Lake, Mountain Lake, more (0801-0052)

Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-58..P854,P855      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 53.4 Acres      **Quad Map:** OLD FORGE (G-21-0)  
**Seg Description:** total area of both lakes

## 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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

Aquatic life support in Mountain Lake and other waters of this segment is known to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1975) and ALSC (1984-85) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. This waterbody segments is included on the NYS 2006 Section 303(d) List of Impaired Waters. Mountain Lake and unnamed pond (P863) are included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. Twin Lake Lower, Twin Lake Upper, Little Deer Lake and unnamed ponds (P856, P857a and P858) are also included on the 2006 Section 303(d) List in Appendix A as a Smaller Lake Impaired by Acid Rain.(DEC/DOW, BWAM, 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.

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 Mountain Lake. 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 (NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

This segment includes unnamed ponds (P856, P857, P857a, P858), Twin Lake Lower (P859), Twin Lake Upper (P860), Little Deer Lake (P861) and unnamed ponds (P862, P863).

# Minor Lakes Trib to Indian River (0801-0010)

Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-58..P862 thru P875      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 77.9 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**Seg Description:** total area of all selected lakes

## 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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

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

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984-86) revealed pH that ranged from <5.0 to above 6.0 but generally no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Deep Lake, Wolf Lake, Twin Lakes, and Northrup Lake are included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. Twin Lake West (P869) and unnamed ponds (P864a, P871, P 872) is also included on the 2006 Section 303(d) List in Appendix A as a Smaller Lake Impaired by Acid Rain. (DEC/DOW, BWAM, 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.

This segment includes multiple lakes/ponds within the Indian River Watershed; including Deep Lake (P866), Twin Lake West (P869), Twin Lake East (P870), Wolf Lake (P873) and Northrup Lake (P875) and unnamed ponds P864a, P871, P872. Larger lakes listed separately include Brooktrout Lake (P874).

# Brooktrout Lake (0801-0009)

Impaired Seg

## Waterbody Location Information

Revised: 04/20/2007

**Water Index No:** Ont 19- 81-58..P874      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 70.9 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**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	Suspected

### Type of Pollutant(s)

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

### Source(s) of Pollutant(s)

Known: ATMOSPH. 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      **Resolution Potential:** Medium  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

Aquatic life support in Brooktrout Lake is thought to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH between 5.0 and 5.5 and no presence of fish. Aquatic life was considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Brooktrout Lake is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 2006)

However recent monitoring of Brooktrout Lake has shown increases (improvement) in pH. The recovery of the lake is such that brook trout were reintroduced to the lake in Fall 2005. Survey of the lake in the following spring found the fish had survived the winter and the spring spike in lake acidity that accompanies spring snowmelt. Further study of the lake is planed. (DEC/DOW, BWAM and Darrin Freshwater Institute, Rensselaer Polytechnic Institute, May 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.

# Minor Lakes Trib to Benedict Creek (0801-0029)

Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-60..P876 thru P880      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 68.1 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**Seg Description:** total area of selected lakes

## 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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

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

Historical surveys of the Bear Pond indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1985) revealed pH between 5.0 and 5.5 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Bear Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 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.

This segment includes multiple lakes/ponds within the Benedict Creek Watershed; including Icehouse Pond (P876),

Helldiver Pond (P877), Lost Pond West (P878), Lost Pond East (P879) and Bear Pond (P880). Larger lakes listed separately include Lake Kora/Sumner Lake (P883).

# Falls Pond (0801-0399)

# Impaired Seg

## Waterbody Location Information

Revised: 12/24/2004

**Water Index No:** Ont 19- 81-61- 4-P885      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 36.1 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**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	Suspected

### Type of Pollutant(s)

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

### Source(s) of Pollutant(s)

Known: ---  
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:** 2a\*

**Resolution Potential:** Low

## Further Details

Aquatic life support in Falls Pond and other waters of this segment is thought to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys of some of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by ALSC (1984) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Jimmy Pond was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water in Appendix A as a Smaller Lake Impaired by Acid Rain. Because there is no data indicating impact on the larger Falls Pond, impairment to this segment is listed as suspected. (DEC/DOW, BWAM, 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.

This segment includes Jimmy Pond (P886) and unnamed pond (P887).



# Sly Pond (0801-0007)

Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-69-P888      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 20.8 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

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

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1979) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Sly Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 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.

# Cellar Pond (0801-0001)

Impaired Seg

## Waterbody Location Information

Revised: / /

**Water Index No:** Ont 19- 81-71- 2- 1-P889      **Drain Basin:** Black River  
**Hydro Unit Code:** 04150101/050      **Str Class:** C(T)      Black River  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 6.4 Acres      **Quad Map:** WEST CANADA LAKES (G-22-0)  
**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: ATMOSPH. 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      **Resolution Potential:** Low  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep)

## Further Details

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

Historical surveys of these waters indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1979) and DOW/BWR (1983) revealed a pH <5.0 and no presence of fish. Aquatic life in this segment is considered to be impaired. The waters of this segment are included on the NYS 2006 Section 303(d) List of Impaired Waters. Cellar Pond is included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAM, 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.

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