

# Waterbody Inventory for Upper Hudson River Watershed

Water Index Number	Waterbody Segment	Category
<b>Upper Hudson River, Hadley to Headwaters</b>		
H (portion 9)	Upper Hudson, Main Stem (1104-0052)	UnAssessed
H (portion 10)	Upper Hudson, Main Stem (1104-0053)	NoKnownImpct
H (portion 11)	Upper Hudson, Upper, and minor tribs (1104-0054)	NoKnownImpct
H (portion 12)	Upper Hudson, Upper, and minor tribs (1104-0055)	UnAssessed
H (portion 13)	Upper Hudson, Upper, and tribs (1104-0056)	UnAssessed
<b>Tribs to Upper Hudson River, Hadley to Warrensburg</b>		
H-370	Towns Brook and tribs (1104-0177)	NoKnownImpct
H-370-P317a	Stones Pond (1104-0178)	UnAssessed
H-370-P318	Lake Luzerne (1104-0075)	Need Verific
H-370-P320	Bullhead Pond (1104-0179)	UnAssessed
H-370-P322	Second Lake (1104-0180)	UnAssessed
H-370-P324 thru P331 (selected)	Minor Lakes trib to Lake Luzerne (1104-0181)	UnAssessed
H-370-P325	Fourth Lake (1104-0182)	UnAssessed
H-370-P325- 1	Stewart Brook and tribs (1104-0183)	UnAssessed
H-370-P328	Lake Forest (1104-0184)	UnAssessed
H-370-P329a	Lake Vanare (1104-0185)	UnAssessed
H-371 thru 390 (selected)	Minor Tribs to Upper Hudson (1104-0186)	UnAssessed
H-383	Stony Creek and tribs (1104-0036)	UnAssessed
H-383-4-P332	Lens Lake (1104-0187)	UnAssessed
H-383-P333,P334,P335,P336	Little, Wolf, Coon and Number Nine Ponds (1104-0188)	UnAssessed
<b>Schroon River Watershed</b>		
H-391 (portion 1)	Schroon River, Lower, and minor tribs (1104-0023)	NoKnownImpct
H-391 (portion 2)	Schroon River, Lower, and minor tribs (1104-0189)	NoKnownImpct
H-391 (portion 3)/P374	Schroon Lake (1104-0002)	Impaired Seg
H-391 (portion 4)	Schroon River, Upper, and tribs (1104-0190)	NoKnownImpct
H-391 (portion 5)	Schroon River, Upper, and tribs (1104-0191)	UnAssessed
H-391- 3	Big Brook, Upper, and tribs (1104-0192)	UnAssessed
H-391-14-1-P340	Forest Lake (1104-0193)	NoKnownImpct
H-391-27-P341	Sherman Pond (1104-0194)	UnAssessed
H-391-29-P342,P343	Burnt Pond, Crystal Lake (1104-0195)	UnAssessed
H-391-29-P342-3-P344	Streeter Pond (1104-0196)	UnAssessed
H-391-31	Brant Lake Outlet and tribs (1104-0197)	NoKnownImpct
H-391-31-P347	Brant Lake (1104-0037)	Threat(Poss)

# ...Upper Hudson River Watershed

Water Index Number	Waterbody Segment	Category
<b>Schroon River Watershed (con't)</b>		
H-391-31-P347-	Minor Tribs to Brant Lake (1104-0198)	UnAssessed
H-391-31-P347- 7	Spuytenduivel Brook and tribs (1104-0199)	UnAssessed
H-391-31-P348 thru P355,P414	Minor Lake Tribs to Brant Lake Watershed (1104-0200)	UnAssessed
H-391-33	Chester Creek and tribs (1104-0201)	NoKnownImpct
H-391-33-5	Bolster Creek and tribs (1104-0202)	UnAssessed
H-391-33-5..P358	Tripp Pond (1104-0203)	UnAssessed
H-391-33-7-P360a	Alligator Pond (1104-0204)	UnAssessed
H-391-33-8-P365	Friends Lake (1104-0205)	NoKnownImpct
H-391-33-P360	Faxonx Pond (1104-0206)	UnAssessed
H-391-33-P367	Loon Lake (1104-0031)	UnAssessed
H-391-33..P366,P368,P369	Sullivan, Palmer Ponds, Mt Spring Lake (1104-0207)	UnAssessed
H-391-35-P370	Valentine Pond (1104-0208)	UnAssessed
H-391-36-P371,P372	Smith, Densmore Ponds (1104-0209)	UnAssessed
H-391-P374- 1	Trout Brook, Lower, and tribs (1104-0210)	NoKnownImpct
H-391-P374- 1	Trout Brook, Upper, and tribs (1104-0211)	UnAssessed
H-391-P374- 1- 1-P375	Warner Pond (1104-0212)	UnAssessed
H-391-P374- 1- 2-P376	Andrew Pond (1104-0213)	UnAssessed
H-391-P374- 1- 6	Minerva Stream (1104-0214)	NoKnownImpct
H-391-P374- 1- 6- 6-P381b	Minerva Lake (1104-0043)	UnAssessed
H-391-P374- 1- 6-13-P385	Oliver Pond (1104-0215)	UnAssessed
H-391-P374- 1- 6-16-P388	Hewitt Pond (1104-0216)	UnAssessed
H-391-P374- 1-16-P394,P395	Muller, Bigsby Ponds (1104-0217)	UnAssessed
H-391-P374- 5-P402	Thurman Pond (1104-0218)	UnAssessed
H-391-P374- 7-P403	Horseshoe Pond (1104-0219)	UnAssessed
H-391-P374- 8-3-P404	Bullet Pond (1104-0220)	UnAssessed
H-391-P374- 8-P405	North Pond (1104-0221)	UnAssessed
H-391-P374- 8-P406	Big Pond (1104-0222)	UnAssessed
H-391-P374-11	Mill Brook and tribs (1104-0223)	NoKnownImpct
H-391-P374-11..P411	Whortleberry Pond (1104-0224)	UnAssessed
H-391-P374-11..P412	Pharaoh Lake (1104-0225)	UnAssessed
H-391-P374-P377 thru P410 (sel)	Minor Lake Tribs to Schroon Lake (1104-0020)	Need Verific
H-391..37	Alder Creek and tribs (1104-0226)	UnAssessed
H-391..37-4-P419	Goose Pond (1104-0227)	UnAssessed
H-391..37-P418 thru P430 (sel)	Minor Lake Tribs to Alder Cr Watershed (1104-0228)	UnAssessed
H-391..37-P420,P421	Alder, Crane Ponds (1104-0229)	Impaired Seg
H-391..37-P421-1-P424	Rock Pond (1104-0230)	UnAssessed
H-391..39	Paradox Creek (1104-0231)	NoKnownImpct
H-391..39-P432	Paradox Lake (1104-0232)	NoKnownImpct
H-391..39-P432-2-P434	Johnson Pond (1104-0233)	UnAssessed
H-391..39-P432..P437	Pyramid Lake (1104-0234)	UnAssessed

# ...Upper Hudson River Watershed

Water Index Number	Waterbody Segment	Category
<b>Schroon River Watershed (con't)</b>		
H-391..39-P432..P438	Eagle Lake (1104-0235)	Need Verific
H-391..39-P432..P442	Gooseneck Pond (1104-0236)	UnAssessed
H-391..39-P433 thru P452	Minor Lake Tribs to Paradox Cr Watershed (1104-0237)	UnAssessed
H-391..47	The Branch (1104-0045)	NoKnownImpct
H-391..47-14-P458	Clear Pond (1104-0238)	UnAssessed
H-391..47-P457	Sand Pond (1104-0239)	UnAssessed
H-391..47-P460	Elk Lake (1104-0240)	UnAssessed
H-391..53-3-2-P467	Moose Mt Pond (1104-0241)	UnAssessed
H-391..53-P468	Hammond Pond (1104-0242)	UnAssessed
H-391..53-P468-1-2-P470	Pine Pond (1104-0243)	UnAssessed
H-391..P453 thru P507	Minor Lake Tribs to Upper Schroon Wshed (1104-0244)	UnAssessed
H-391..P494	Deadwater Pond (1104-0245)	UnAssessed
H-391..P494-1-1-4-P498,P499	Moss Ponds (1104-0246)	UnAssessed
H-391..P494-1-1-P500	Makomis Pond (1104-0247)	UnAssessed
H-391..P494-1-1-P501	New Pond (1104-0248)	UnAssessed
H-391..P494-1..P506	Hatching Pond (1104-0249)	UnAssessed
<b>Tribes to Upper Hudson River, Warrensburg to Indian River</b>		
H-392	Patterson Creek and tribs (1104-0250)	NoKnownImpct
H-392 thru 418 (selected)	Minor Tribs to Upper Hudson River (1104-0251)	UnAssessed
H-392 thru 418..P508 thru P524	Minor Lake Tribs to Upper Hudson River (1104-0252)	NoKnownImpct
H-398- 2-P512a	Pack Forest Lake (1104-0253)	UnAssessed
H-403	Glen Creek and tribs (1104-0254)	NoKnownImpct
H-409	Mill Creek and tribs (1104-0032)	NoKnownImpct
H-409-18-P520	Garnet Lake (1104-0255)	NoKnownImpct
H-419	North Creek, Lower, and tribs (1104-0256)	NoKnownImpct
H-419	North Creek, Upper, and tribs (1104-0257)	NoKnownImpct
H-419..P529a,P529	Chatiemac Lake, Ross/Windover Lake (1104-0258)	NoKnownImpct
H-429	Thirteenth Brook and tribs (1104-0030)	NoKnownImpct
H-429-P540	Thirteenth Lake (1104-0260)	UnAssessed
H-438	Boreas River and tribs (1104-0261)	NoKnownImpct
H-438-20- 1-P555	Balfour Lake (1104-0262)	UnAssessed
H-438-20- 2a-P557	Stony Pond (1104-0018)	Impaired Seg
H-438-30-P561	Wolf Pond (1104-0263)	UnAssessed
H-438-P560	Cheney Pond (1104-0264)	UnAssessed
H-438-P564c	Middle Boreas Pond (1104-0265)	UnAssessed
H-452-P574	Huntley Pond (1104-0266)	UnAssessed
H-453-P576	Mink Pond (1104-0267)	UnAssessed

# ...Upper Hudson River Watershed

Water Index Number	Waterbody Segment	Category
<b>Indian River/Lake Watershed</b>		
H-461	Indian River and minor tribs (1104-0022)	MinorImpacts
H-461- 9-P583	Lake Francis (1104-0268)	UnAssessed
H-461- 9..P585	Big Bad Luck Pond (1104-0269)	UnAssessed
H-461-15-P587a	Lake Adirondack (1104-0074)	Need Verific
H-461-17	Big Brook and tribs (1104-0270)	UnAssessed
H-461-17- 1-P588a	Kings Flow (1104-0271)	Impaired Seg
H-461-17- 1-P588a- 5-P590	Round Pond (1104-0315)	Impaired Seg
H-461-P582a	Abanakee Lake (1104-0027)	UnAssessed
H-461-P597	Indian Lake (1104-0021)	Need Verific
H-461-P597-	Minor Tribs to Indian Lake (1104-0060)	UnAssessed
H-461-P597- 6-P598	Crotched Pond (1104-0272)	UnAssessed
H-461-P597-16	Jessup River and tribs (1104-0273)	NoKnownImpct
H-461-P597-16- 3-P603	Whitaker Lake (1104-0274)	UnAssessed
H-461-P597-26- 9-P613	Mason Lake (1104-0275)	UnAssessed
H-461-P597-P597a	Lewey Lake (1104-0061)	UnAssessed
H-461..P582 thru P612	Minor Lake Tribs to Indian River/Lake (1104-0008)	Impaired Seg
<b>Tribes to Upper Hudson River, above Indian River</b>		
H-463 thru 503..P616 thru P692	Minor Lake Tribs to Upper Hudson River (1104-0276)	UnAssessed
H-466- 4-P618	Split Rock Pond (1104-0277)	UnAssessed
H-469	Cedar River, Lower, and tribs (1104-0064)	NoKnownImpct
H-469	Cedar River, Upper, and tribs (1104-0278)	NoKnownImpct
H-469- 9- 2-P625	First Lake (Essex Ch) (1104-0279)	UnAssessed
H-469- 9- 2..P626a	Third Lake (Essex Ch) (1104-0280)	UnAssessed
H-469- 9- 2..P626c	Fifth Lake (Essex Ch) (1104-0281)	UnAssessed
H-469- 9-15-P641	Tirrell Pond (1104-0282)	UnAssessed
H-469- 9-16-P643	Stephens Pond (1104-0283)	UnAssessed
H-469- 9-P637	Rock Lake (1104-0284)	UnAssessed
H-469- 9-P641a	Lake Durant (1104-0059)	Impaired Seg
H-469- 9-P645	Rock Pond (1104-0285)	Impaired Seg
H-469-10-P655	Pine Lake (1104-0286)	UnAssessed
H-469-36-P662	Sprague Pond (1104-0287)	UnAssessed
H-469-P667	Cedar River Flow (1104-0288)	UnAssessed
H-469-P670	Cedar Lake (1104-0289)	UnAssessed
H-469-P671	Beaver Pond (1104-0290)	UnAssessed
H-469..P624 thru P669	Minor Lake Tribs to Cedar River (1104-0003)	Impaired Seg
H-484- 4-P673	Zack Pond (1104-0291)	UnAssessed
H-484- 8-P676	Goodnow Pond (1104-0292)	UnAssessed
H-484-P672a	Goodnow Flowage (1104-0293)	NoKnownImpct

# ...Upper Hudson River Watershed

Water Index Number	Waterbody Segment	Category
<b>Tribs to Upper Hudson River, above Indian River (con't)</b>		
H-503-P680	Harris Lake (1104-0294)	UnAssessed
H-503-P680- 2-P681	Woodruff Pond (1104-0295)	UnAssessed
H-503-P680- 5-P582	Rich Lake (1104-0296)	UnAssessed
H-503-P680- 5..P684	Arbutus Lake (1104-0297)	UnAssessed
H-503-P680- 5..P685	Catlin Lake, Long Lake, Caitlin Lake (1104-0298)	UnAssessed
H-503-P680- 5..P686	Corner Pond (1104-0299)	UnAssessed
H-503-P680- 5..P687	Round Pond (1104-0300)	<b>Impaired Seg</b>
H-503-P680- 5..P688	Wolf Pond (1104-0301)	UnAssessed
H-503-P680- 5..P689	Deer Pond (1104-0302)	UnAssessed
H-503-P680- 5..P691	Pickwacket Pond (1104-0303)	UnAssessed
H-503-P680- 5..P692	Countyline Flow (1104-0304)	UnAssessed
H-503-P680/P582-	Tribs to Harris/Rich Lakes (1104-0313)	<b>NoKnownImpct</b>
H-508 thru 546..P695 thru P719	Minor Lake Tribs to Upper Hudson River (1104-0007)	<b>Impaired Seg</b>
H-508-P694	Newcomb Lake (1104-0305)	UnAssessed
H-509-P699a	Beaver Flow (1104-0306)	UnAssessed
H-532- 4-P703	Trout Pond (1104-0307)	UnAssessed
H-532-P702	Perch Pond (1104-0308)	UnAssessed
H-534	Opalescent River and tribs (1104-0309)	UnAssessed
H-543-P704	Flowed Land Pond (1104-0310)	UnAssessed
H-P710	Sanford Lake (1104-0311)	UnAssessed
H-P715	Henderson Lake (1104-0312)	UnAssessed

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# Upper Hudson, Main Stem (1104-0053)

NoKnownImpct

## Waterbody Location Information

Revised: 02/10/2006

**Water Index No:** H (portion 10)      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/      **Str Class:** C      Upper Hudson  
**Waterbody Type:** River      **Reg/County:** 5/Washington Co. (58)  
**Waterbody Size:** 23.8 Miles      **Quad Map:** THE GLEN (G-25-3)  
**Seg Description:** from Warrensburg to North Creek

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of the Hudson River in Riparius, Warren County, (at Route 8) was conducted in 2002 as well as 1993-1994. Sampling results indicated non-impacted water quality conditions. Indices were very similar for all years and revealed highly favorable water quality. Similar results were found at a site in North Creek (at Route 28) in 2001. The Riparius site has been sampled as part of the NYSDEC Rotating Integrated Basin Studies (RIBS) Intensive Network monitoring in previous years, most recently in 1993-94. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the waters of the Hudson River from the Schroon River near Warrensburg to North Creek (-419) in North Creek. This segment was previously identified as 1101-0049.



C,C(T),C(TS), with portions in the forest preserve. Thirteenth Brook (-429), Boreas River (-438), Indian River (-461) and Cedar River (-469) are listed separately. This segment was previously identified as 1101-0050.

## Towns Brook and tribs (1104-0177)

NoKnownImpct

### Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-370	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/140	<b>Str Class:</b>	C
<b>Waterbody Type:</b>	River		Upper Hudson
<b>Waterbody Size:</b>	8.2 Miles	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Seg Description:</b>	entire stream and tribs	<b>Quad Map:</b>	LAKE LUZERNE (H-25-3)

### 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  
**TMDL/303d Status:** n/a ( )

**Resolution Potential:**

### Further Details

A biological (macroinvertebrate) assessment of Towns Brook in Lake Luzerne (at Main Street) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The site was a short distance downstream of the outlet of Lake Luzerne, and impoundment effect was the primary faunal determinant. Filter-feeding caddisflies dominated the fauna, although clean-water mayflies and stoneflies were also present. An impoundment correction factor was applied to the initial assessment of slight impact, resulting in a final assessment of non-impacted. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs from the mouth to Fourth Lake (P325). The waters of the stream are Class C. Tribs to this reach/segment are primarily Class C,C(T).

# Lake Luzerne (1104-0075)

**Need Verific**

## Waterbody Location Information

Revised: 02/08/2007

<b>Water Index No:</b> H-370-P318	<b>Drain Basin:</b> Upper Hudson River	
<b>Hydro Unit Code:</b> 02020001/140	<b>Str Class:</b> B	Upper Hudson
<b>Waterbody Type:</b> Lake	<b>Reg/County:</b> 5/Warren Co. (57)	
<b>Waterbody Size:</b> 96.1 Acres	<b>Quad Map:</b> LAKE LUZERNE (H-25-3)	
<b>Seg Description:</b> entire lake		

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

<b>Use(s) Impacted</b> Recreation	<b>Severity</b> Threatened	<b>Problem Documentation</b> Suspected
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### **Type of Pollutant(s)**

Known: PROBLEM SPECIES (Eurasian milfoil)  
Suspected: - - -  
Possible: Silt/Sediment

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

Known: - - -  
Suspected: HABITAT MODIFICATION  
Possible: Failing On-Site Syst

## Resolution/Management Information

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

**Resolution Potential:**

## Further Details

Recreational uses in Lake Luzerne are thought to experience minor threats due to aquatic weed growth of non-native species.

Lake Luzerne has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1999 and continuing through the present. An Interpretive Summary report of the findings of this sampling was published in 2005. These data indicate that the lake continues to be best characterized as mesoligotrophic, or moderately unproductive, and has been consistent over recent sampling years. Phosphorus levels in the lake typically fall below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements easily exceed what is recommended for swimming beaches. The lake is moderately colored by dissolved organic matter that is largely natural and reflective of the characteristics of the watershed. Color readings were higher in Lake Luzerne and most NYS lakes in 2004, perhaps explaining a drop in water clarity results for that year. (DEC/DOW, BWAM/CSLAP, September 2005)

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 mostly favorable, with the recreational suitability of the lake described most often

as "excellent" but ranging to "slightly impacted." The lake itself is most often described as "not quite crystal clear," an assessment that is consistent with measured water quality characteristics of the lake. The recreational assessment is somewhat lower than expected based on water quality conditions, but is consistent of lakes in which aquatic plant coverage or densities are increasing or impacting lake use below the lake surface. Aquatic plants include non-native species (Eurasian watermilfoil) and have been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, September 2005)

This lake waterbody is designated class B, suitable for use as a public bathing beach, general recreation and aquatic life support, but not as a public water supply. 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 public bathing use is generally the responsibility of state and/or local health departments.

The lake has experienced an infestation of Eurasian milfoil, which got severe enough that a small control program of pulling plants was considered and may have been done. There is also a potential for defective or malfunctioning septic systems. (Warren County WQCC, 1998)

# Schroon River, Lower, and minor tribs (1104-0023)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-391 (portion 1)	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/110	<b>Str Class:</b>	C(T) Upper Hudson
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Waterbody Size:</b>	21.9 Miles	<b>Quad Map:</b>	WARRENSBURG (H-25-2)
<b>Seg Description:</b>	stream and select tribs, from mouth to abv Warrensburg		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
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:**

## Further Details

NYSDEC Rotating Integrated Basin Studies (RIBS) monitoring of the Schroon River in Warrensburg (at Route 9) was conducted in 2001 and 2002. Biological (macroinvertebrate) community assessment conducted in both years revealed water quality to be slightly impacted. Although the fauna contained many clean-water mayflies, stoneflies, and caddisflies, species richness was low, possibly due to the substrate of boulders embedded in sand. In 2002 the community was heavily dominated by black fly larvae, and faunal diversity was limited. Intensive Network sampling was conducted in 2002 at this site. Water column sampling revealed mercury to be present in concentrations above the assessment criteria indicating a parameter of concern. Occasional elevated water temperatures above assessment criteria were also noted. Macroinvertebrate tissue samples analyzed for pesticides, PCBs, and PAHs showed no contaminants to be above levels of concern. Based on sediment quality guidelines developed for freshwater ecosystems, overall sediment quality is not likely to cause chronic toxicity to sediment-dwelling organisms. Chronic toxicity testing using water from this location showed no significant mortality or reproductive effects on the test organism. Based on the consensus of these established assessment methods, overall aquatic life support is considered to be fully supported in the river despite minor effects on the fauna. However mercury levels in the water suggest possible impacts on fish consumption. A general advisory for limiting the consumption of sportfish from all waters of the state is in place due to the common occurrence of some chemicals (such as mercury and PCBs) in fish, the inability to test all waters and the

possibility of other unidentified contaminants. Regarding mercury, there are additional advisories for women and children further restricting consumption of fish from waters of the Adirondacks and Catskills. (DEC/DOW, BWAR/RIBS, January 2005)

Previous biological assessments of Schroon River in Warrensburg at this site were assessed as non-impacted in 1994 and slightly impacted in 1993. An alternative site (at Route 418) found non-impacted conditions in 1987 and 1988. Further sampling of these sites is recommended to determine if the decline is genuine. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and select/smaller tribs from the mouth to unnamed trib (-11) near Warrensburg. The waters of this reach of the stream are Class C(T). Tribs to this reach/segment, including Lower Big Brook (-3), are primarily Class C,C(T),C(TS). Upper Big Brook (-3) is listed separately.

# Schroon River, Lower, and minor tribs (1104-0189)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-391 (portion 2)	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/110	<b>Str Class:</b>	A
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Waterbody Size:</b>	100.9 Miles	<b>Quad Map:</b>	THE GLEN (G-25-3)
<b>Seg Description:</b>	stream and tribs, from abv Warrensburg to Schroon Lake		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
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:**

## Further Details

Biological (macroinvertebrate) assessments of Schroon River in Warrensburg (at Route 9) at the downstream end of this reach were conducted in 2001 and 2002. Sampling results indicated slightly impacted water quality conditions. Although the fauna contained many clean-water mayflies, stoneflies, and caddisflies, species richness was low, possibly due to the substrate of boulders embedded in sand. The Warrensburg site was assessed as non-impacted in 1994 and slightly impacted in 1993. An alternative site (at Route 418) found non-impacted conditions in 1987 and 1988. Further sampling of these sites is recommended to determine if the decline is genuine. Despite these conditions, aquatic life is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and select/smaller tribs from unnamed trib (-11) near Warrensburg to Schroon Lake (P374). The waters of this reach of the stream are Class A,A(T). Tribs to this reach/segment, including , are primarily Class C,C(T),C(TS). Brant Lake Outlet (-31), Chester Creek (-33) and other portions of Schroon River are listed separately.

# Schroon Lake (1104-0002)

# Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

**Water Index No:** H-391 (portion 3)/P374  
**Hydro Unit Code:** 02020001/090      **Str Class:** A  
**Waterbody Type:** Lake  
**Waterbody Size:** 4128.1 Acres  
**Seg Description:** entire lake

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** SCHROON LAKE (F-25-0)

## 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), PRIORITY ORGANICS (PCBs)  
Suspected: ---  
Possible: ---

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

Known: ---  
Suspected: TOX/CONTAM. SEDIMENT  
Possible: UNKNOWN SOURCE

## 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:** 2b (Multiple Segment/Categorical Water, Fish Consumption))

## Further Details

Fish consumption in Schroon Lake is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of larger lake trout (over 27 inches), larger yellow perch ( over 13 inches) and smallmouth bass; the advisories are the result of elevated PCB and mercury levels. The most recent laboratory results from lake trout and yellow perch collected in 1989 (DFW) suggest that PCB and other organochlorine concentrations in fish have declined, but mercury concentrations in lake trout were still relatively high. 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 related to PCBs was issued prior to 1998-99; the mercury advisory was added in 2000-01. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

Water column, soil and bottom sediment samples taken by the regional staff (1990) and central office (1991, DEC/DOW BMA report June 1992) showed only very low concentrations of PCBs and mercury. Macroinvertebrate sampling (1991) found no significant levels of PCBs in invertebrates, but mercury was found above levels of concern in crayfish in Schroon River above the inlet. Based on the various data gathered it was determined jointly by DFW and BMA staff that although PCB and other organochlorine contamination of Schroon Lake lake trout is no longer as serious, monitoring of the Fisheries resource should be continued, since sensitive species of fish-eating wildlife are at risk. No additional

biological sampling of the Schroon River inlet or its tributaries was recommended, as DFW data suggested mercury concentrations, though elevated, were typical of other waters affected by atmospheric deposition of mercury in this region of NYS. (DEC/DOW and FWMR, BWAM and Habitat, 2000)

Schroon Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1987 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 mesoligotropic, or moderately unproductive. Phosphorus levels in the lake are consistently below criteria that would indicate impacted recreational uses and transparency measurements satisfy what is recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, May 2006)

Public perception of the Schroon Lake and its uses are also evaluated as part of the CSLAP program. These assessment also indicate recreational suitability of the lake to be mostly favorable since the lake was first evaluated and continuing through the most recent assessment. Recreational conditions in the lake have been most often described as "could not be nicer" to "excellent" for most uses. The lake is regularly described as "not quite crystal clear." Aquatic plant are not typically visible from the lake surface. (DEC/DOW, BWAM/CSLAP, May 2006)

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Schroon River, Upper, and tribs (1104-0190)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-391 (portion 4)	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/090	<b>Str Class:</b>	C
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	50.9 Miles	<b>Quad Map:</b>	SCHROON LAKE (F-25-0)
<b>Seg Description:</b>	stream and minor tribs, from Schroon Lake to N.Hudson		

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Schroon River in Schroon Falls (at Route 9) was conducted in 2001. Sampling results indicated slightly impacted water quality conditions. Although the fauna contained many clean-water mayflies, stoneflies, and caddisflies, species richness was low, possibly due to the substrate of boulders embedded in sand. Previous sampling assessed the Schroon Falls site as non-impacted in 1994. Further sampling of these sites is recommended to determine if the decline is genuine. Despite these conditions, aquatic life is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and selected/smaller tribs from Schroon Lake (P374) to The Branch (-47) near North Hudson. The waters of the stream are Class C(T). Tribs to this reach/segment, including Platt Brook (-38), are primarily Class C,C(T), with portions in the forest preserve. Alder Creek (-37) and Paradox Creek (-39) are listed separately.

# Forest Lake (1104-0193)

NoKnownImpct

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b>	H-391-14-1-P340	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/110	<b>Str Class:</b>	A
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Waterbody Size:</b>	25.7 Acres	<b>Quad Map:</b>	THE GLEN (G-25-3)
<b>Seg Description:</b>	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:**

## Further Details

Forest Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 2001 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 mesotrophic, or moderately productive. Phosphorus levels in the lake regularly fall below criteria that would indicate impacted recreational uses and transparency measurements consistently satisfy what is recommended for swimming beaches, despite the shallow depth of the lake. (DEC/DOW, BWAM/CSLAP, May 2006)

Public perception of the Forest Lake and its uses are also evaluated as part of the CSLAP program. These assessment also indicate recreational suitability of the lake to be highly favorable since the lake was first evaluated and continuing through the most recent assessment. Recreational conditions in the lake have been most often described as "could not be nicer" to "excellent" for most uses. The lake is usually described as "crystal clear." Although aquatic plant surveys have not been conducted through CSLAP, higher weed densities have been reported in the most recent years. Weed growth in the lake should continued to be monitored. (DEC/DOW, BWAM/CSLAP, May 2006)

# Brant Lake Outlet and tribs (1104-0197)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391-31  
**Hydro Unit Code:** 02020001/110      **Str Class:** AAspcl  
**Waterbody Type:** River  
**Waterbody Size:** 1.4 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** CHESTERTOWN (G-25-2)

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Brant Lake Outlet in Brant Lake (at County Route 4) about one mile below the lake was conducted in 2001. Sampling results initially indicated moderately impacted water quality conditions, but clearly reflected impoundment effects from Brant Lake, being heavily dominated by filter-feeding caddisflies. A final corrected water quality assessment of slightly impacted is assigned to this stream, with a secondary stressor of nutrient enrichment. Despite these conditions, aquatic life is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs from the mouth to Brant Lake. The waters of the stream are Class AA-Special. Tribs to this reach/segment are also Class AA-Special.

# Brant Lake (1104-0037)

Threat(Poss)

## Waterbody Location Information

Revised: 02/08/2007

<b>Water Index No:</b> H-391-31-P347	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b> 02020001/110	<b>Str Class:</b> AAspcl
<b>Waterbody Type:</b> Lake	<b>Reg/County:</b> 5/Warren Co. (57)
<b>Waterbody Size:</b> 1376.1 Acres	<b>Quad Map:</b> BRANT LAKE (G-26-1)
<b>Seg Description:</b> entire lake	

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
Water Supply	Threatened	Possible

**Type of Pollutant(s)**  
 Known: ---  
 Suspected: ---  
 Possible: OTHER POLLUTANTS

**Source(s) of Pollutant(s)**  
 Known: ---  
 Suspected: ---  
 Possible: OTHER SOURCE

## Resolution/Management Information

<b>Issue Resolvability:</b> 3 (Strategy Being Implemented)	
<b>Verification Status:</b> 5 (Management Strategy has been Developed)	
<b>Lead Agency/Office:</b> ext/WQCC	<b>Resolution Potential:</b> High
<b>TMDL/303d Status:</b> n/a ()	

## Further Details

Water supply uses in Brant Lake may experience minor threats due to various activities in the watershed. The designation of this waterbody as a threatened water is reflective of a need to protect its particular resource value, rather than specifically identified threats.

Brant Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1987 thru 1991 and from 1999 thru 2003. An Interpretive Summary report of the findings of this sampling was published in 2004. These data indicate that the lake continues to be best characterized as oligotrophic, or unproductive, and assessment that has been consistent over all sampling years. Phosphorus levels in the lake fall well below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements significantly exceed the recommended minimum for swimming beaches. Reading of pH fall within the state standards range of 6.5 to 8.5. (DEC/DOW, BWAM/CSLAP, August 2004)

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 highly favorable. The recreational suitability of the lake is described most frequently as "could not be nicer." The lake itself is most often described as "crystal clear," an assessment that is

consistent with the perceived water quality conditions in the lake and its measured water quality characteristics. Assessments have noted that aquatic plants rarely grow to the lake surface. Aquatic plants are dominated by native species though non-native species (Eurasian watermilfoil) are present. However excessive aquatic weed growth has not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, August 2004)

This lake waterbody is designated class AA-Special, 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.

Although there are no known water quality impacts in Brant Lake, the waterbody is considered a highly valued water resource due to its AA-Special drinking water supply classification. The inclusion of this waterbody on the DEC/DOW Priority Waterbodies List as a Threatened water is a reflection of the particular resource value reflected in this designation and the need to provide additional protection, rather than any specifically identified threats.

The Warren County Soil and Water Conservation District, The Brant Lake Association and other local agencies/parties have been active in the development and implementation of lake and watershed management plans. These efforts focus on management of nuisance/invasive aquatic weeds, onsite wastewater treatment (septic) system maintenance programs, streambank erosion and roadway maintenance. (Warren County WQCC, 2004)

## Chester Creek and tribs (1104-0201)

NoKnownImpct

### Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391-33  
**Hydro Unit Code:** 02020001/110      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 28.9 Miles  
**Seg Description:** entire stream and selected/smaller tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** CHESTERTOWN (G-25-2)

### 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:**

### Further Details

A biological (macroinvertebrate) assessment of Chester Creek in Starbuckville (at Schroon River Road) was conducted in 2001. Sampling results indicated slightly impacted water quality conditions. Nonpoint nutrient enrichment was noted. No prior data was available for this creek. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Thomas Brook (-4), are primarily Class C,C(T),C(TS), with portions in the forest preserve. Bolster Creek (-5) is listed separately.

# Friends Lake (1104-0205)

NoKnownImpct

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b>	H-391-33-8-P365	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/110	<b>Str Class:</b>	AAspcl Upper Hudson
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Waterbody Size:</b>	454.4 Acres	<b>Quad Map:</b>	CHESTERTOWN (G-25-2)
<b>Seg Description:</b>	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:**

## Further Details

Friends Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1991 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 mesooligotrophic, or moderately unproductive. Phosphorus levels in the lake are generally below criteria that would indicate impacted recreational uses (somewhat elevated levels of phosphorus were noted in 2003 and 2004) and transparency measurements satisfy what is recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, May 2006)

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. These assessment also indicate recreational suitability of the lake to be highly favorable since the lake was first evaluated and continuing through the most recent assessment. Recreational conditions in the lake have been most often described as "could not be nicer" for most uses. The lake is regularly described as "crystal clear." Native aquatic plants are present in the lake, but none of the major exotic plants often found in other New York lakes were present. (DEC/DOW, BWAM/CSLAP, May 2006)

# Trout Brook, Lower, and tribs (1104-0210)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391-P374- 1  
**Hydro Unit Code:** 02020001/100      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 32.2 Miles  
**Seg Description:** stream and tribs from mouth to Olmstedville

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** CHESTERTOWN (G-25-2)

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Trout Creek in Pottersville (at route 9/87 bridge) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. The fauna was dominated by clean-water mayflies, with many species of stoneflies and caddisflies. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and all tribs from the mouth to Minerva Stream (-6) near Olmstedville. The waters of the stream are Class C(T), with portions in the forest preserve. Tribs to this reach/segment, including Marshall Brook (-3), Ford Brook (-4) and Alder Brook (-5), are primarily Class C,C(T), with portions in the forest preserve. Minerva Stream (-6) and Upper Trout Brook are listed separately.

# Minerva Stream (1104-0214)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391-P374- 1- 6  
**Hydro Unit Code:** 02020001/100      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 77.3 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Essex Co. (16)  
**Quad Map:** SCHROON LAKE (F-25-0)

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Minerva Stream in Olmstedville (at Trout Brook Road) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna included many clean-water mayflies and stoneflies, but was dominated by filter-feeding caddisflies. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T), with portions in the Forest Preserve. Tribs to this reach/segment, including Kelso Brook (-5), Jones Brook (-6) and Falls Brook (-9), are primarily Class C,C(T),C(TS) and N. (June 2001)

# Mill Brook and tribs (1104-0223)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391-P374-11      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/090      **Str Class:** C(T)      Upper Hudson  
**Waterbody Type:** River      **Reg/County:** 5/Essex Co. (16)  
**Waterbody Size:** 33.8 Miles      **Quad Map:** PHARAOH MOUNTAIN (F-26-4)  
**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  
**TMDL/303d Status:** n/a ()

**Resolution Potential:**

## Further Details

A biological (macroinvertebrate) assessment of Mill Brook in Adirondack (near Redwing Road/County Route 15) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. Two metrics were within the range of slight impact, and the headwater correction factor was applied to these. The stream habitat of boulders was not conducive to a diverse fauna. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T), with portions in the forest preserve. Tribs to this reach/segment, including Desolate Brook (-5), Pharaoh Brook (-6), are also Class C(T), with portions in the forest preserve.

## Minor Lake Tribs to Schroon Lake (1104-0020)

Need Verific

### Waterbody Location Information

Revised: 12/08/2006

**Water Index No:** H-391-P374-P377 thru P410 (select.)    **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/090    **Str Class:** C    Upper Hudson  
**Waterbody Type:** Lake    **Reg/County:** 5/Essex Co. (16)  
**Waterbody Size:** 196.9 Acres    **Quad Map:** SCHROON LAKE (F-25-0)  
**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	Threatened	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:** 1 (Waterbody Nominated, Problem Not Verified)  
**Lead Agency/Office:** ext/EPA  
**TMDL/303d Status:** n/a ()

**Resolution Potential:**

### Further Details

Aquatic life support in some lakes of this watershed could be considered threatened by low pH, a result of atmospheric deposition (acid rain).

Historical surveys indicate that a small lake (Marion Pond, P398) in this watershed experienced low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1978) revealed pH to be <5.0. Because the data is more than 25 year old and this specific lake represents only about 3% of the total lake area for the segment, aquatic life use is assessed as suspected of being Threatened. However, Marion Pond is included on the 2006 Section 303(d) List of Impaired Waters, as a Small Lake Impaired by Acid Rain (Appendix A). (DEC/DOW, BWAR, 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 Marion Pond. Recognizing that the available pH data for many of these lakes is 20-30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes (NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

This segment includes Elk Pond (P377), Pat Pond (P378), Moxham Pond (P381), Calahan Pond (P382), Big Sherman Pond (P383), Little Sherman Pond (P383a), Barnes Pond (P386), Duck Pond (P387), Big Marsh (P396), Warrens Pond (P396a), Bailey Pond (P397), Marion Pond (P398), Marsh Pond (P399), Harrison Marsh Pond (P407), Spectacle Pond (P408) and Crab Pond (P410). Most of these waters are Class C, C(T), C(TS), with a few located in the forest preserve.

# Alder, Crane Ponds (1104-0229)

Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b> H-391..37-P420,P421	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b> 02020001/090 <b>Str Class:</b> N	Upper Hudson
<b>Waterbody Type:</b> Lake	<b>Reg/County:</b> 5/Essex Co. (16)
<b>Waterbody Size:</b> 211.1 Acres	<b>Quad Map:</b> PHARAOH MOUNTAIN (F-26-4)
<b>Seg Description:</b> total area of both lakes	

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
FISH CONSUMPTION	Impaired	Known

**Type of Pollutant(s)**  
 Known: METALS (mercury)  
 Suspected: ---  
 Possible: ---

**Source(s) of Pollutant(s)**  
 Known: ---  
 Suspected: ATMOSPH. DEPOSITION  
 Possible: ---

## Resolution/Management Information

<b>Issue Resolvability:</b> 1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b> 4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b> ext/EPA	<b>Resolution Potential:</b> Low
<b>TMDL/303d Status:</b> 2b (Multiple Segment/Categorical Water, Fish Consumption))	

## Further Details

Fish consumption in Crane Pond 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 2005-06. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Paradox Creek (1104-0231)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-391..39	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/090	<b>Str Class:</b>	Upper Hudson
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	51.1 Miles	<b>Quad Map:</b>	()
<b>Seg Description:</b>	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

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

## Further Details

A biological (macroinvertebrate) assessment of Paradox Creek in Paradox (at Letsonville Road) was conducted in 2001. Sampling results initially indicated slightly impacted water quality conditions, although this likely reflected headwater condition and less-than-ideal habitat. The stream was very shallow, with large rocks. Overall water quality is corrected to non-impacted. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C,C(T),C(TS). Tribs to this reach/segment, including Johnson Pond Brook (P432-2), Paragon Brook (-1), Burnt Mill Brook (-3) and Knob Brook (-9) are also Class C,C(T),C(TS), with portions in the forest preserve.

# Paradox Lake (1104-0232)

NoKnownImpct

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b>	H-391..39-P432	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/090	<b>Str Class:</b>	AA(T) Upper Hudson
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	844.8 Acres	<b>Quad Map:</b>	PARADOX LAKE (F-26-1)
<b>Seg Description:</b>	entire lake		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
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:**

## Further Details

Paradox Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 2003 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 are consistently below criteria that would indicate impacted recreational uses and transparency measurements consistently satisfy what is recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, May 2006)

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. These assessment also indicate recreational suitability of the lake to be fully supported, with recreational conditions in the lake being most often described as "could not be nicer" for most uses. The lake is regularly described as "crystal clear." Native aquatic plants are present in the lake, but none of the major exotic plants often found in other New York lakes were present. (DEC/DOW, BWAM/CSLAP, May 2006)

# Eagle Lake (1104-0235)

Need Verific

## Waterbody Location Information

Revised: 02/09/2007

<b>Water Index No:</b>	H-391..39-P432..P438	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/090	<b>Str Class:</b>	B
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	422.3 Acres	<b>Quad Map:</b>	GRAPHITE (F-26-3)
<b>Seg Description:</b>	entire lake		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
Recreation	Stressed	Possible

### Type of Pollutant(s)

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

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

Known: ---  
Suspected: HABITAT MODIFICATION  
Possible: ---

## Resolution/Management Information

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

## Further Details

Recreational uses in Eagle Lake may be threatened by non-native invasive aquatic plant growth. Other water chemistry indicators suggest good water quality.

Eagle Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 2000 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 oligotrophic, or highly unproductive. Phosphorus levels in the lake are well below criteria that would indicate impacted recreational uses and transparency measurements easily satisfy what is recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, May 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 somewhat impacted, primarily due to aquatic weed growth. Recreational conditions in the lake have been most often described as "slightly impacted" for most uses. The lake is regularly described as "not quite crystal clear." Such an assessment is atypical of lakes with similar water chemistry, but indicative of lakes with plant densities that grow to the lake surface. No aquatic plant surveys have been conducted through the CSLAP program, but Eurasian milfoil has been identified by other sources. (DEC/DOW, BWAM/CSLAP, May 2006)

# The Branch (1104-0045)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-391..47  
**Hydro Unit Code:** 02020001/080      **Str Class:**  
**Waterbody Type:** River  
**Waterbody Size:** 116.8 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
**Reg/County:** 5/Essex Co. (16)  
**Quad Map:** ()

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of The Branch in North Hudson (at Blue Ridge Road) was conducted in 2001. Sampling results indicated non-impacted water quality conditions, with all metrics within the range of the non-impacted category. Clean-water mayflies, stoneflies, and caddisflies dominated the fauna. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Niagara Brook (-4), Aber Brook (-5), Sand Pond Brook (-10), Nellie Brook (-18) and East/West Inlets to Elk Lake, are Class C,C(T),CT(S), with portions in the forest preserve.

# Patterson Creek and tribs (1104-0250)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b> H-392	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b> 02020001/120	<b>Str Class:</b> C(T) Upper Hudson
<b>Waterbody Type:</b> River	<b>Reg/County:</b> 5/Warren Co. (57)
<b>Waterbody Size:</b> 30.6 Miles	<b>Quad Map:</b> THE GLEN (G-25-3)
<b>Seg Description:</b> 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  
**TMDL/303d Status:** n/a ()

**Resolution Potential:**

## Further Details

A biological (macroinvertebrate) assessment of Patterson Creek in Warrensburg (at River Road) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by clean-water mayflies, stoneflies, and caddisflies. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Daggett Creek (-3), are Class C,C(T), with portions in the forest preserve.

# Minor Lake Tribs to Upper Hudson River (1104-0252) NoKnownImpct

## Waterbody Location Information

Revised: 05/04/2007

**Water Index No:** H-392 thru 418..P508 thru P524      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/120      **Str Class:** C\*      Upper Hudson  
**Waterbody Type:** Lake      **Reg/County:** 5/Warren Co. (57)  
**Waterbody Size:** 237.5 Acres      **Quad Map:** ()  
**Seg Description:** total area of select lakes, from Schroon to North Creek

## 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

Kellum Pond has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1997 and continued 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 mesoligotrophic, or moderately unproductive. This assessment is consistent over the sampling period. Phosphorus levels in the lake do not exceed the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements consistently exceed the minimum recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, October 2002)

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 highly favorable, consistent with previous assessments. The recreational suitability of the lake is described most frequently as "could not be nicer" and/or "excellent." The lake itself is most often described as "crystal clear" or "not quite crystal clear," an assessment that is consistent with the perceived water quality conditions in the lake and its measured water quality characteristics. Assessments have noted that aquatic plants do not typically grow to the lake surface. Aquatic plants are dominated by primarily native species and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, October 2002)

This lake waterbody is designated class A, 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.

The assessment for this multiple lake segment is based on the assessment of Kellum Pond which represents a little over 10% of the lake area of the segment, but which is likely reflective of the other nearby lake waters included in this waterbody. Because the assessment relies on this assumption, the waterbody is considered to be "evaluated" rather than "monitored."

This segment includes Daggett Pond (P508), Bear Pond (P510), Echo Lake (P511), Kellum Pond (P512), Mud Pond (P513), Dippikill Pond (P514), Antler Lake (P515a), Austin Pond (P516), Oven Mt Pond (P517), Crane Mt Pond (P519), Mud Pond (P522), Bird Pond (P523), Fuller Pond (P524). These lakes are primarily Class C,C(T), with portion in the forest preserve. Echo Lake (P511) and Atler Lake (P515a) are Class B. Pack Forest Lake (P512a) and Garnet Lake (P520) are listed separately.

## Glen Creek and tribs (1104-0254)

NoKnownImpct

### Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-403  
**Hydro Unit Code:** 02020001/120      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 0.0 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** ()

### 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:**

### Further Details

A biological (macroinvertebrate) assessment of Glen Creek in The Glen (at Glen Creek Road) ) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. The macroinvertebrate fauna contained many species of clean-water mayflies, stoneflies, and caddisflies. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Crystal Brook (-7), are Class C,C(T),C(TS), with portions in the forest preserve.

# Mill Creek and tribs (1104-0032)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b> H-409	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b> 02020001/070	<b>Str Class:</b> C(T) Upper Hudson
<b>Waterbody Type:</b> River	<b>Reg/County:</b> 5/Warren Co. (57)
<b>Waterbody Size:</b> 117.6 Miles	<b>Quad Map:</b> JOHNSBURG (G-25-4)
<b>Seg Description:</b> 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

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

## Further Details

A biological (macroinvertebrate) assessment of Mill Creek in Wevertown (at Route 8) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by clean-water caddisflies and mayflies, and all metrics were within the range of very good water quality. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Vly Brook (-1), Johnson Brook (-2), Kibby Creek (-9) and Pine Ridge Brook (-18), are Class C,C(T),C(TS), with portions in the forest preserve.

# Garnet Lake (1104-0255)

NoKnownImpct

## Waterbody Location Information

Revised: 02/08/2007

<b>Water Index No:</b>	H-409-18-P520	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/070	<b>Str Class:</b>	A
<b>Waterbody Type:</b>	Lake		Upper Hudson
<b>Waterbody Size:</b>	313.6 Acres	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Seg Description:</b>	entire lake	<b>Quad Map:</b>	THIRTEENTH LAKE (G-24-0)

## 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:**

## Further Details

Garnet Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1989 thru 1993 and in 2000-2001. 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 mesoligotrophic, or moderately unproductive. This assessment is consistent over a number of sampling seasons. Phosphorus levels in the lake do not exceed the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements consistently exceed the minimum recommended for swimming beaches. Water quality conditions, as measured by water clarity, algal densities, and phosphorus levels, were improved in recent years. While these data do not necessarily represent longer-term trends, they do suggest that water quality conditions are at least stable in the lake. (DEC/DOW, BWAM/CSLAP, October 2002)

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 highly favorable, consistent with previous assessments. The recreational suitability of the lake is described most frequently as "could not be nicer" and/or "excellent." The lake itself is most often described as "not quite crystal clear," an assessment that is consistent with the perceived water quality conditions in the lake and its measured water quality characteristics. Assessments have noted that aquatic plants occasionally grow to the

lake surface. Aquatic plants are dominated by primarily native species and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, October 2002)

This lake waterbody is designated class A, 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.

# North Creek, Lower, and tribs (1104-0256)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-419  
**Hydro Unit Code:** 02020001/070      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 5.8 Miles  
**Seg Description:** stream and tribs from mouth to Holcombville

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** NORTH CREEK (G-25-1)

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of North Creek in North Creek (at Route 28) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by mayflies and caddisflies, and all metrics were within the range of non-impacted water quality. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and all tribs from the mouth to/including unnamed trib (-2) in Holcombville. The waters of this portion of the stream are Class C(T). Tribs to this reach/segment are also Class C(T), with portions in the forest preserve. Upper North Creek is listed separately.

# North Creek, Upper, and tribs (1104-0257)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-419	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/070	<b>Str Class:</b>	A(T)
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Warren Co. (57)
<b>Waterbody Size:</b>	31.5 Miles	<b>Quad Map:</b>	THIRTEENTH LAKE (G-24-0)
<b>Seg Description:</b>	stream and tribs above Holcombville		

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of North Creek in North Creek (at Route 28) was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by mayflies and caddisflies, and all metrics were within the range of non-impacted water quality. Though this sampling point is just below the described segment, it is considered representative of water quality in the upper reach. This segment is listed as being evaluated rather than monitored. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and all tribs above unnamed trib (-2) in Holcombville. The waters of this portion of the stream are Class A(T). Tribs to this reach/segment, including Straight Brook (-3), Chatiemac Brook (-5) and Bakers Brook (-6), are Class A,A(T), with portions in the forest preserve. Lower North Creek is listed separately.

# Chatiemac Lake, Ross/Windover Lake (1104-0258)

NoKnownImpct

## Waterbody Location Information

Revised: 05/04/2007

**Water Index No:** H-419..P529a,P529  
**Hydro Unit Code:** 02020001/070      **Str Class:** A(T)  
**Waterbody Type:** Lake  
**Waterbody Size:** 124.8 Acres  
**Seg Description:** total area of both lakes

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** ()

## 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

Ross/Windover Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1999 and was continued through 2003. An Interpretive Summary report of the findings of this sampling was published in 2004. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. This assessment is consistent over a number of sampling seasons. Phosphorus levels in the lake do not typically exceed the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements frequently exceed the minimum recommended for swimming beaches. Small improvements in water quality conditions, as measured by water clarity, algal densities, and phosphorus levels, in recent years are thought to be within the normal range of variability for this lake. While these data do not necessarily represent longer-term trends, they do suggest that water quality conditions are at least stable in the lake. (DEC/DOW, BWAM/CSLAP, August 2004)

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 highly favorable, consistent with previous assessments. The recreational suitability of the lake is described most frequently as "excellent." The assessment of the lake itself varies from "not quite crystal clear" to "(having) a definite algae greenness, yellowness or brownness." This assessment is consistent with the water quality characteristics in the lake and is likely attributable in large part to the natural color of the lake. Assessments

have noted that aquatic plants grow to the lake surface. Aquatic plants are dominated by primarily native species and although they have been reported to be dense at time, weed growth has not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, August 2004)

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.

# Thirteenth Brook and tribs (1104-0030)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-429  
**Hydro Unit Code:** 02020001/060      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 38.4 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Warren Co. (57)  
**Quad Map:** THIRTEENTH LAKE (G-24-0)

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Thirteenth Brook in North River (near Route 28) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. The fauna was dominated by clean-water mayflies. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

Elevated sediment loadings attributed to mining operations in the watershed have been noted in the past. More recently, Mineral Resources and Regional Fisheries staff reports no problems in the past several years. Regional Water staff indicated concerns in 1997, but problems have subsided since. (Mineral Resources, May 2000)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including tribs to Thirteenth Lake, are Class C,C(T),C(TS), with portions in the forest preserve.

## Boreas River and tribs (1104-0261)

NoKnownImpct

### Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-438  
**Hydro Unit Code:** 02020001/050      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 151.4 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Essex Co. (16)  
**Quad Map:** NEWCOMB (F-24-0)

### 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:**

### Further Details

A biological (macroinvertebrate) assessment of Boreas River in Minerva (at Northwoods Club Road) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. Mayflies, stoneflies, and caddisflies were very numerous in the samples. VanderWhacker Brook, a small tributary of the Boreas River was also sampled in 2001. The macroinvertebrate sample was field-assessed as non-impacted, and was not retained. The fauna contained a diversity of clean-water species of mayflies, stoneflies, and caddisflies. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T), with portion in the forest preserve. Tribs to this reach/segment, including Vanderwacker Creek (-19), Little Vanderwacker Brook (-19-3), Stony Pond Brook (-20), Durgin Brook (-29) and Wolf Pond Brook (-30), are primarily Class C,C(T), with portions in the forest preserve.

# Stony Pond (1104-0018)

Impaired Seg

## Waterbody Location Information

Revised: 12/08/2006

<b>Water Index No:</b>	H-438-20- 2a-P557	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/050	<b>Str Class:</b>	N
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	64.1 Acres	<b>Quad Map:</b>	SCHROON LAKE (F-25-0)
<b>Seg Description:</b>	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

<b>Issue Resolvability:</b>	1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b>	4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b>	ext/EPA	<b>Resolution Potential:</b> Low
<b>TMDL/303d Status:</b>	2a (Multiple Segment/Categorical Water, Atmosph Dep))	

## Further Details

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

Historical surveys of the lake indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1977) revealed a pH < 5.0. Aquatic life is considered to be impaired. This segment is included on the NYS 2006 Section 303(d) List of Impaired Waters. The waterbody was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAR, 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 Stony Pond. Recognizing that the available pH data for many

of these lakes is 20-30 years old, the TMDL outlines a phased/adaptive management approach, that initially relies heavily on monitoring and assessment to determine current conditions, modeling refinements to estimate future conditions, and the implementation of statewide, regional and national efforts to reduce atmospheric loadings causing the impairment. (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes (NYS Forest Preserve, DEC/DOW, BWAM, August 2006)

Note there is some uncertainty as to whether this pond is located in the Upper Hudson or the St. Lawrence Drainage Basin.

# Indian River and minor tribs (1104-0022)

# MinorImpacts

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b> H-461	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b> 02020001/010	<b>Str Class:</b> C(T) Upper Hudson
<b>Waterbody Type:</b> River	<b>Reg/County:</b> 5/Hamilton Co. (21)
<b>Waterbody Size:</b> 14.6 Miles	<b>Quad Map:</b> ()
<b>Seg Description:</b> entire stream and select tribs	

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

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Known
Habitat/Hydrology	Stressed	Suspected

### Type of Pollutant(s)

Known: ---  
 Suspected: WATER LEVEL/FLOW  
 Possible: ---

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

Known: ---  
 Suspected: HYDRO MODIFICATION, Habitat Modification  
 Possible: ---

## Resolution/Management Information

<b>Issue Resolvability:</b> 1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b> 4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b> DOW/Reg5	<b>Resolution Potential:</b> Medium
<b>TMDL/303d Status:</b> n/a ()	

## Further Details

Aquatic life support and hydrologic/habitat modification are known to experience minor impacts/threats. The cause of these impacts are thought to be a result of hydrologic modification to the river. Mid-summer rafting releases from Lake Abanakee, which began in 1997, are being investigated as a possible cause of the decline. Despite these conditions, aquatic life support, though impacted, is considered to be fully supported in the stream.

Biological (macroinvertebrate) assessments of Indian River in Indian Lake (at Chain Lakes Road) were conducted in 2001 and 2002. Sampling results indicated slightly impacted water quality conditions. This represents a decline in water quality compared to 1993, when it was assessed as non-impacted. Species richness and EPT richness reflect this decline. Present macroinvertebrate communities are sparse, with high numbers of fingernail clams. A more detailed assessment report of these results was issued in 2003. This report also evaluated impacts on the Hudson River downstream of its confluence with the Indian River. The report also found that two similar rivers in the area - the Boreas and Cedar Rivers - had faunas in 2001 that were assessed as similar to non-impacted conditions found in all three rivers in 1993, suggesting that the change in the change in the Indian River during this time period is likely due to factors other than natural processes. (Indian River Biological Assessment, DEC/DOW, BWAR/SBU, September 2003)

This segment includes the entire stream and select/smaller all tribs from the mouth to Indian Lake. The waters of the stream are Class C(T), with portions in the forest preserve. Tribs to this reach/segment, including Bullhead Pond Outlet (-6) and tribs to Lake Abanakee, are Class C,C(T), with portions in the forest preserve. Big Brook (-17) is listed separately.

# Lake Adirondack (1104-0074)

Need Verific

## Waterbody Location Information

Revised: 02/08/2007

<b>Water Index No:</b>	H-461-15-P587a	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/010	<b>Str Class:</b>	B
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Hamilton Co. (21)
<b>Waterbody Size:</b>	217.7 Acres	<b>Quad Map:</b>	BLUE MOUNTAIN (F-23-0)
<b>Seg Description:</b>	entire lake		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
Recreation	Stressed	Possible

**Type of Pollutant(s)**  
 Known: ---  
 Suspected: ---  
 Possible: OTHER POLLUTANTS

**Source(s) of Pollutant(s)**  
 Known: ---  
 Suspected: ---  
 Possible: OTHER SOURCE

## Resolution/Management Information

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

## Further Details

Various potential sources of impacts to this waterbody have been identified in previous assessments. However, actual impacts to uses need to be verified/reverified. Previous assessments indicate that: Excessive growth of rooted aquatic plants impacts the aesthetics of the lake and impairs bathing, boating, and fishing uses. Lake Adirondack produces a dense growth of aquatic weeds and algae which 1) seriously impairs swimming, boating and fishing and 2) creates an ugly appearance and 3) reduces available oxygen. The algae growth results from an excess of nutrients associated with low rate of water throughput and the proliferation of private septic systems. Floating bogs are also present, creating hazards to recreational users.

# Kings Flow (1104-0271)

# Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

**Water Index No:** H-461-17- 1-P588a  
**Hydro Unit Code:** 02020001/010      **Str Class:** C(T)  
**Waterbody Type:** Lake  
**Waterbody Size:** 185.6 Acres  
**Seg Description:** entire lake

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Hamilton Co. (21)  
**Quad Map:** THIRTEENTH LAKE (G-24-0)

## 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: ---  
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:** 2b (Multiple Segment/Categorical Water, Fish Consumption)

**Resolution Potential:** Low

## Further Details

Fish consumption in Kings Flow 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 2005-06. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Round Pond (1104-0315)

# Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b> H-461-17- 1-P588a- 5-P590	<b>Drain Basin:</b> Upper Hudson River
<b>Hydro Unit Code:</b>	<b>Str Class:</b> N
<b>Waterbody Type:</b> Lake (Unknown Trophic)	<b>Reg/County:</b> 5/Hamilton Co. (21)
<b>Waterbody Size:</b> 19.3 Acres	<b>Quad Map:</b> RAQUETTE LAKE (F-22-0)
<b>Seg Description:</b> entire lake	

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
FISH CONSUMPTION	Impaired	Known

**Type of Pollutant(s)**  
 Known: METALS (mercury)  
 Suspected: ---  
 Possible: ---

**Source(s) of Pollutant(s)**  
 Known: ---  
 Suspected: ATMOSPH. DEPOSITION  
 Possible: ---

## Resolution/Management Information

<b>Issue Resolvability:</b> 1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b> 4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b> ext/EPA	<b>Resolution Potential:</b> Low
<b>TMDL/303d Status:</b> 2b (Multiple Segment/Categorical Water, Fish Consumption))	

## Further Details

Fish consumption in Round Pond is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of yellow perch (over 12 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 prior to 1998-99. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Indian Lake (1104-0021)

Need Verific

## Waterbody Location Information

Revised: 02/08/2007

**Water Index No:** H-461-P597  
**Hydro Unit Code:** 02020001/010      **Str Class:** AA  
**Waterbody Type:** Lake  
**Waterbody Size:** 4364.8 Acres  
**Seg Description:** entire lake

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Hamilton Co. (21)  
**Quad Map:** BLUE MOUNTAIN (F-23-0)

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

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

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: WATER LEVEL/FLOW, Silt/Sediment

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

Known: ---  
Suspected: ---  
Possible: HYDRO MODIFICATION, Deicing (stor/appl)

## 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

Various potential sources of impacts to this waterbody have been identified in previous assessments. However, actual impacts to uses need to be verified/reverified. Previous assessments indicate that: Water levels fluctuations expose fish eggs to desiccation and/or freezing, eliminate macrophytes (macrophytes provide cover for young fish and are a source of primary production), and greatly reduce forage (invertebrate) productivity in shallow areas. Anglers complain that the fluctuations make access difficult and report damage to boats and motors. Flow at the outlet dam is controlled by the Hudson River-Black River Regulatory Board which regulates water levels for the benefit of downstream users.

# Jessup River and tribs (1104-0273)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-461-P597-16	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/010	<b>Str Class:</b>	C(T)
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Hamilton Co. (21)
<b>Waterbody Size:</b>	76.2 Miles	<b>Quad Map:</b>	()
<b>Seg Description:</b>	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

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

## Further Details

A biological (macroinvertebrate) assessment of Jessup River neat Perkins Clearing (at Route 30) was conducted in 2001. Sampling results indicated slightly impacted water quality conditions, although this may mostly represent effects of upstream wetlands. The fauna was dominated by filter-feeding caddisflies, but also contained mayflies and stoneflies. No prior data were available for the stream. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T), with portions in the forest preserve. Tribs to this reach/segment, including Whitaker Lake Outlet (-3), Pole Brook (-4), Mossy Vly Brook (-8), Bradys Brook (-10) and Big Brook (-11), are primarily Class C,C(T), with portions in the forest preserve.

# Minor Lake Tribs to Indian River/Lake (1104-0008)

Impaired Seg

## Waterbody Location Information

Revised: 12/08/2006

**Water Index No:** H-461..P582 thru P612      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/010      **Str Class:** C      Upper Hudson  
**Waterbody Type:** Lake      **Reg/County:** 5/Hamilton Co. (21)  
**Waterbody Size:** 288.4 Acres      **Quad Map:** ()  
**Seg Description:** total area of selected lakes in the watershed

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

## Further Details

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

Historical surveys indicate that Little Moose Pond (P607) in this watershed experienced low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1977) revealed pH to be 5.0. Because the data is more than 25 year old and this specific lake represents less than 10% of the total lake area for the segment, some consideration was given to assessing aquatic life use in this segment as suspected of being Threatened. However, consistent with its inclusion on the 2006 Section 303(d) List of Impaired Waters, the entire segment is listed as being Impaired. (DEC/DOW, BWAR, 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 is included on the NYS 2006 Section 303(d) List of Impaired Waters. The segment was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water.

This segment includes Bullhead Pond (P582), Cranberry Pond (P584), Rock Pond (P586), Stonystep Pond (P587), Jerry Pond (P588), Puffer Pond (P589), Round Lake (P590), Center Pond (P593), Clear Pond (P594), John Pond (P596), Middle Dug Mt. Pond (P601), Upper Dug Mt. Pond (P602), Little Moose Pond (P607), Otter Lake (P608), Panther Mountain Pond (P612). These lakes are Class C,C(T), or located in the forest preserve. Abanakee Lake (P582a), Lake Francis (P583), Big Bad Luck Pond (P585), Lake Adirondack (P587a), Kings Flow (P588a), Indian Lake (P597), Lewey Lake (P597a), Crotched Pond (P598), Whitaker Lake (P603) and Mason Lake (P613) are listed separately.

# Cedar River, Lower, and tribs (1104-0064)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-469  
**Hydro Unit Code:** 02020001/020      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 113.8 Miles  
**Seg Description:** stream and tribs, from mouth to Indian Lake

**Drain Basin:** Upper Hudson River  
**Reg/County:** 5/Essex Co. (16)  
**Quad Map:** ()

## 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:**

## Further Details

A biological (macroinvertebrate) assessment of Cedar River in Indian Lake (at Cedar River Road) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. Clean-water mayflies, stoneflies, and caddisflies were numerous. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and all tribs from the mouth to/including unnamed trib (-23) in Indian Lake. The waters of the stream are Class C(T), with portions in the forest preserve. Tribs to this reach/segment, including Rock River (-9) and its tribs, are Class C,C(T), with portions in the forest preserve. Upper Cedar River is listed separately.

# Cedar River, Upper, and tribs (1104-0278)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

<b>Water Index No:</b>	H-469	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/020	<b>Str Class:</b>	AA(T) Upper Hudson
<b>Waterbody Type:</b>	River	<b>Reg/County:</b>	5/Hamilton Co. (21)
<b>Waterbody Size:</b>	169.6 Miles	<b>Quad Map:</b>	()
<b>Seg Description:</b>	stream and tribs, above Indian 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:**

## Further Details

A biological (macroinvertebrate) assessment of Cedar River in Indian Lake (at Cedar River Road) was conducted in 2001. Sampling results clearly indicated non-impacted water quality conditions. Clean-water mayflies, stoneflies, and caddisflies were numerous. An unnamed Lake Durant tributary within this segment was also sampled at the Lake Durant Campground near Blue Mountain Lake. The macroinvertebrate sampled was dominated by clean-water mayflies, stoneflies, and caddisflies. The site was field-assessed as non-impacted, and the sample was not retained. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the portion of the stream and all tribs above unnamed trib (-23) in Indian Lake. The waters of the stream are Class B(T) from unnamed trib (-23) to Bear Trap Brook (-26), Class AA(T) to unnamed trib (-38), and Class C(T) for the remainder of the reach, with portions in the forest preserve. Tribs to this reach/segment, including Nicholas Brook (-24), Bear Trap Brook (-26), Sprague Brook (-35), Browns Brook (-41), Little Squaw Brook (-54), and Grassy Brook (-62), are Class C,C(T), with portions in the forest preserve. Lower Cedar River is listed separately.

# Lake Durant (1104-0059)

Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

<b>Water Index No:</b>	H-469- 9-P641a	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/020	<b>Str Class:</b>	C
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Hamilton Co. (21)
<b>Waterbody Size:</b>	320.1 Acres	<b>Quad Map:</b>	BLUE MOUNTAIN (F-23-0)
<b>Seg Description:</b>	entire lake		

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

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

### Type of Pollutant(s)

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

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

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

## Resolution/Management Information

<b>Issue Resolvability:</b>	1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b>	4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b>	ext/EPA	<b>Resolution Potential:</b> Low
<b>TMDL/303d Status:</b>	2b (Multiple Segment/Categorical Water, Fish Consumption))	

## Further Details

Fish consumption in Lake Durant (and Rock Lake) is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of larger largemouth 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 2004-05. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Rock Pond (1104-0285)

# Impaired Seg

## Waterbody Location Information

Revised: 12/11/2006

**Water Index No:** H-469- 9-P645  
**Hydro Unit Code:** 02020001/020      **Str Class:** C  
**Waterbody Type:** Lake  
**Waterbody Size:** 64.1 Acres  
**Seg Description:** entire lake  
**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Hamilton Co. (21)  
**Quad Map:** BLUE MOUNTAIN (F-23-0)

## 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: ---  
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:** 2b (Multiple Segment/Categorical Water, Fish Consumption)  
**Resolution Potential:** Low

## Further Details

Fish consumption in Rock Lake (and Lake Durant) is impaired due to a NYS DOH health advisory that recommends eating no more than one meal per month of larger largemouth 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 2004-05. (2006-07 NYS DOH Health Advisories and DEC/FWMR, Habitat, December 2006).

This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2b of the List as a Fish Consumption Water.

# Minor Lake Tribs to Cedar River (1104-0003)

Impaired Seg

## Waterbody Location Information

Revised: 12/08/2006

**Water Index No:** H-469..P624 thru P669  
**Hydro Unit Code:** 02020001/020      **Str Class:** C  
**Waterbody Type:** Lake  
**Waterbody Size:** 435.6 Acres  
**Seg Description:** total area of selected lakes in the watershed

**Drain Basin:** Upper Hudson River  
Upper Hudson  
**Reg/County:** 5/Hamilton Co. (21)  
**Quad Map:** ()

## 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  
**TMDL/303d Status:** 2a (Multiple Segment/Categorical Water, Atmosph Dep))

**Resolution Potential:** Low

## Further Details

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

Historical surveys of the lake indicate that low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1977) revealed pH to be <5.0. Aquatic life is considered to be impaired in these lakes, which include Carry Pond (P669) and South Pine Pond (P??). More recent data for Carry Pond, which is stocked annually with brown trout, shows mean pH of 5.0 (ALSC, 1997-2004). This segment is included on the NYS 2006 Section 303(d) List of Impaired Waters. The segment was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAR, 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 Mud Pond (P624), Second Lake/Essex Chain (P626), Fourth Lake/Essex Chain (P626b), Grassy Pond (P627), Little Grassy Pond (P628), Mud Pond (P630), Sixth Lake (P631), Seventh Lake (P631a), Eighth Lake (P633), Jackson Pond (P634), Barker Pond (P636), Wolf Pond (P640), Cascade Pond (P644), Grassy Pond (P650), Wilson Pond (P653), Crystal Lake (P654), Corner Pond (P659), Dishrag Pond (P665), Wakely Pond (P666), Carry Pond (P669). These lakes are Class C,C(T), with some located in the forest preserve. First Lake (Essex Ch) (P625), Third Lake (Essex Ch) (P626a), Fifth Lake (Essex Ch) (P626c), Rock Lake (P637), Tirrell Pond (P641), Stephens Pond (P643), Rock Pond (P645), Lake Durant (P645a), Pine Lake (P655), Sprague Pond (P662), Cedar River Flow (P667), Cedar Lake (P670) and Beaver Pond (P671) are listed separately.

# Goodnow Flowage (1104-0293)

NoKnownImpct

## Waterbody Location Information

Revised: 02/09/2007

<b>Water Index No:</b>	H-484-P672a	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/040	<b>Str Class:</b>	C(T) Upper Hudson
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Essex Co. (16)
<b>Waterbody Size:</b>	339.3 Acres	<b>Quad Map:</b>	NEWCOMB (F-24-0)
<b>Seg Description:</b>	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:**

## Further Details

Goodnow Flowage has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1986 thru 1990 and from 1997 to the 1999. An Interpretive Summary report of the findings of this sampling was published in 2000. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. Phosphorus levels in the lake are below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements also meet what is minimally recommended for swimming beaches. (DEC/DOW, BWAM/CSLAP, January 2000)

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 favorable. The recreational suitability of the lake is described most frequently as "excellent." The lake itself is most often described as having "definite algal greenness," however this does not appear to impact the perceived water quality in the lake so is likely attributable to normal/background conditions. Assessments have noted that aquatic plants are visible under the surface or occasionally grow to the lake surface. Aquatic plants in the lake are dominated by native species and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, January 2000)

# Round Pond (1104-0300)

Impaired Seg

## Waterbody Location Information

Revised: 12/27/2006

<b>Water Index No:</b>	H-503-P680- 5..P687	<b>Drain Basin:</b>	Upper Hudson River
<b>Hydro Unit Code:</b>	02020001/040	<b>Str Class:</b>	N
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	5/Hamilton Co. (21)
<b>Waterbody Size:</b>	224.1 Acres	<b>Quad Map:</b>	KEMPSHALL MTN. (E-23-B)
<b>Seg Description:</b>	entire lake		

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

<b>Use(s) Impacted</b>	<b>Severity</b>	<b>Problem Documentation</b>
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

<b>Issue Resolvability:</b>	1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b>	4 (Source Identified, Strategy Needed)	
<b>Lead Agency/Office:</b>	ext/EPA	<b>Resolution Potential:</b> Low
<b>TMDL/303d Status:</b>	2a (Multiple Segment/Categorical Water, Atmosph Dep))	

## Further Details

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

Historical surveys of the lake indicate that low pH due to acid deposition is limiting the fishery. Aquatic life is considered to be impaired. This waterbody is included on the NYS 2006 Section 303(d) List of Impaired Waters. The lake was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAR, 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. 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. Note: It appears that the TMDL mis-identified Round Pond, specifying a similarly named waterbody in the Black River Basin that is designated Class C(T). (Impaired Water Restoration Plan/TMDL for Acid Rain Lakes (NYS Forest Preserve), DEC/DOW, BWAM, August 2006)

# Tribs to Harris/Rich Lakes (1104-0313)

NoKnownImpct

## Waterbody Location Information

Revised: 07/08/2005

**Water Index No:** H-503-P680/P582-      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:**      **Str Class:** C  
**Waterbody Type:** River      **Reg/County:** 5/Essex Co. (16)  
**Waterbody Size:** 0.0 Miles      **Quad Map:** ()  
**Seg Description:** total length of tribs to the two lakes

## 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:**

## Further Details

Biological (macroinvertebrate) assessments of Fishing Brook near Long Lake (at Route 28N) and Wolf Pond Outlet were conducted in 2001. Although the fauna in Fishing Brook was heavily dominated by filter-feeding caddisflies, this reflected effects of a wetland immediately upstream. The fauna included many clean-water stoneflies and mayflies. The metrics were adjusted for impoundment effects, yielding an assessment of non-impacted. Similarly the fauna in Wolf Lake Outlet exhibited some impoundment effects; metrics placed the final assessment as non-impacted. (DEC/DOW, BWAR/SBU, June 2005)

This segment includes the total length of all tribs to Harris/Rich Lakes. Tribs within this segment, including Woodruff Pond Outlet (-2), Flat Brook (-5), Fishing Brook (-6), Wolf Pond Outlet (-6-4-P685-11-1), Big Sucker Brook (-10) and Little Sucker Brook (-11), are primarily Class C, C(T), C(TS) with some portions located in the forest preserve.

# Minor Lake Tribs to Upper Hudson River (1104-0007)

Impaired Seg

## Waterbody Location Information

Revised: 12/08/2006

**Water Index No:** H-508 thru 546..P695 thru P719      **Drain Basin:** Upper Hudson River  
**Hydro Unit Code:** 02020001/030      **Str Class:** C(T)      Upper Hudson  
**Waterbody Type:** Lake      **Reg/County:** 5/Essex Co. (16)  
**Waterbody Size:** 205.1 Acres      **Quad Map:** ()  
**Seg Description:** total area of select lakes, above Newcomb

## 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 some lakes in this watershed is known to be impaired by low pH, a result of atmospheric deposition (acid rain).

Historical surveys indicate that some lakes (Lake Colden, Lower and Upper Wallface Pond) in this watershed experienced low pH due to acid deposition is limiting the fishery. Monitoring by DFW (1975-83) revealed pH to be less than 5.0 and found no presence of fish in the lakes. More recent data for Lake Colden shows mean pH of 5.5 (ALSC, 1997-2004). Aquatic life is considered to be impaired in these lakes. This segment is included on the NYS 2006 Section 303(d) List of Impaired Waters. The segment was included on Part 2a of the List as an Atmospheric Deposition (Acid Rain) Water. (DEC/DOW, BWAR, 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 Ward Pond (P695), Lake Andrew (P698), Beaver Pond (P699b), Hyslop Pond (P701), Lake Colden (P706), Avalanche Lake (P707), Cheney Pond (P711), Lake Sally (P712), Lake Jimmy (P713), Calamity Pond (P714), Harkness Lake (P716), Bradley Pond (P717), Wallface Pond (Lower) (P718), Wallface Pond (Upper) (P719). These lakes are Class C,C(T), with portions in the forest preserve. Newcomb Lake (P694), Beaver Flow (P699a), Perch Pond (P702), Trout Pond (P703), Flowed Land Pond (P704), Sanford Lake (P710) and Henderson Lake (P715) are listed separately. Note that Upper Wallface Pond (formerly 1004-0005) was previously listed incorrectly as being in the Lake Champlain Basin.