

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

Water Index No: H-469
Hydro Unit Code: 02020001/020 **Str Class:** AA(T)
Waterbody Type: River
Waterbody Size: 169.6 Miles
Seg Description: stream and tribs, above Indian Lake

Drain Basin: Upper Hudson River
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
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

Water Index No: H-469- 9-P641a
Hydro Unit Code: 02020001/020 **Str Class:** C
Waterbody Type: Lake
Waterbody Size: 320.1 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
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

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 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 **Drain Basin:** Upper Hudson River
Hydro Unit Code: 02020001/020 **Str Class:** C Upper Hudson
Waterbody Type: Lake **Reg/County:** 5/Hamilton Co. (21)
Waterbody Size: 435.6 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	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 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

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

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Resolution Potential:

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)