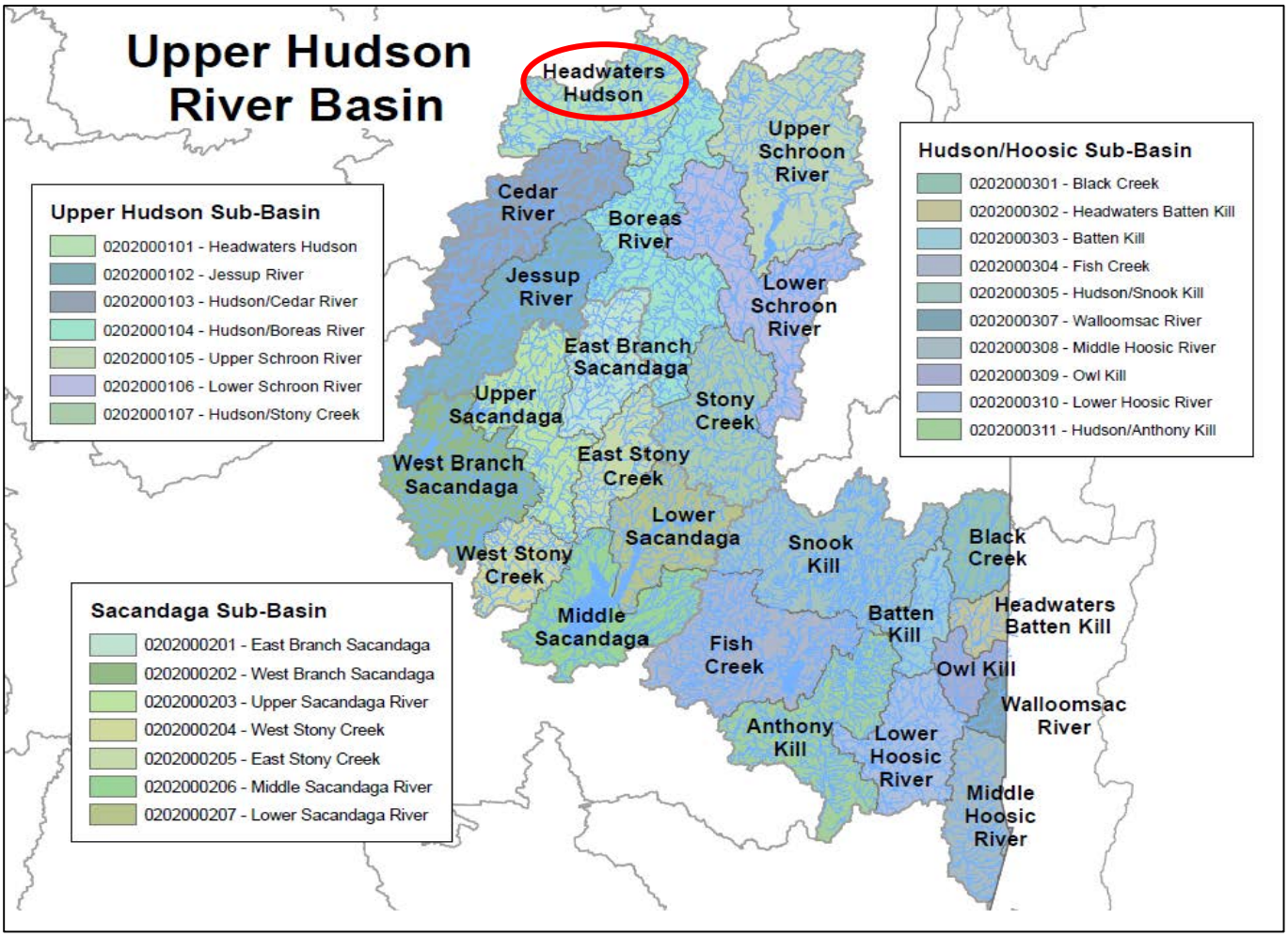

Headwaters Hudson Watershed
(0202000101)

Water Index Number	Waterbody Segment	Category
H (portion 12)	Upper Hudson, Upper, and minor tribs (1104-0055)	UnAssessed
H (portion 13)	Upper Hudson, Upper, and tribs (1104-0056)	UnAssessed
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)	Impaired Seg
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)	NoKnownImpct
H-508 thru 546..P695 thru P719	Minor Lake Tribs to Upper Hudson River (1104-0007)	Impaired Seg
H-508-P694	Newcomb Lake (1104-0305)	UnAssessed
H-509-P699a	Beaver Flow (1104-0306)	UnAssessed

Water Index Number	Waterbody Segment	Category
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

Round Pond (1104-0300) Impaired Seg

Waterbody Location Information

Revised: 12/27/2006

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

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

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

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

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.