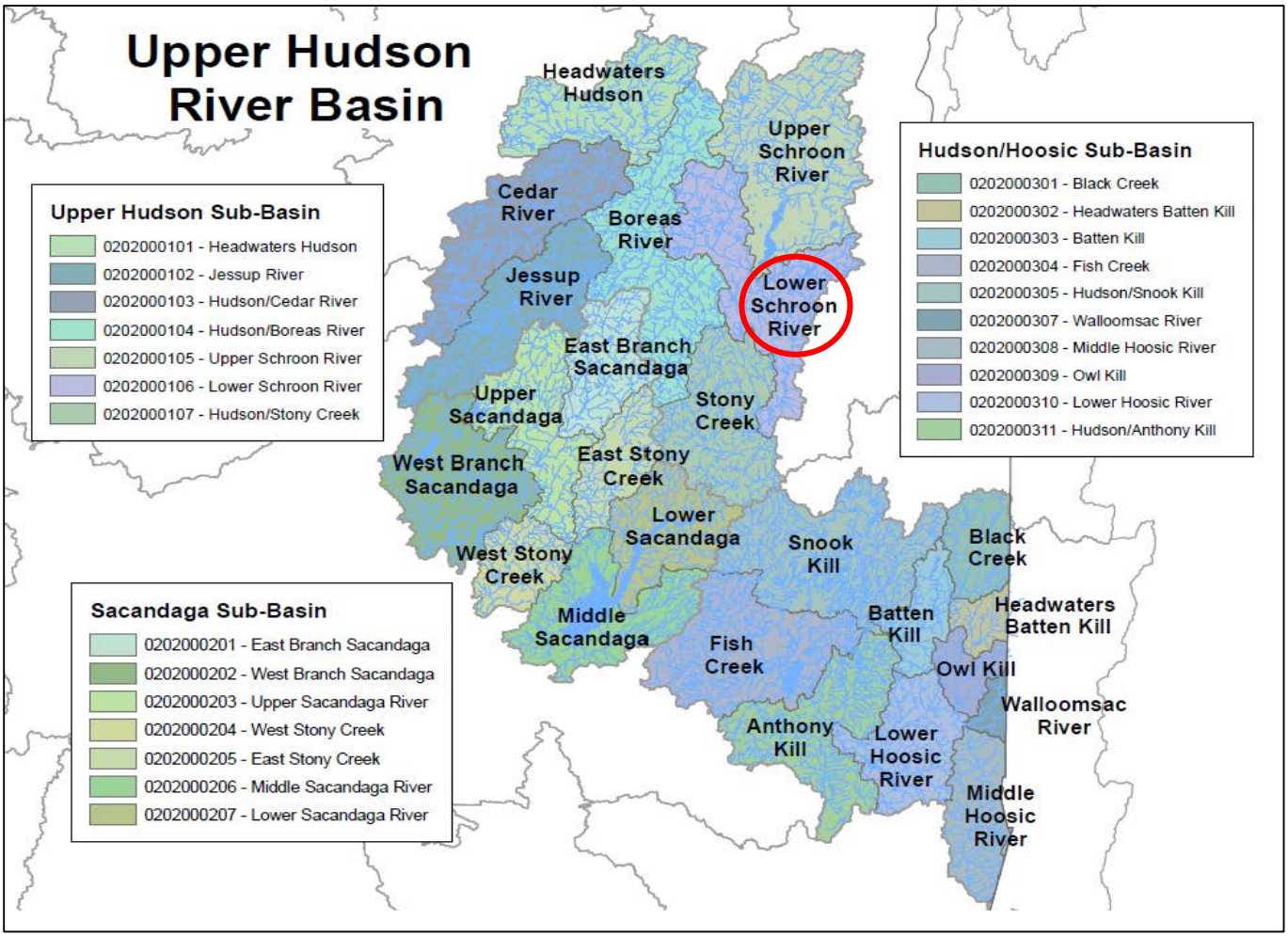

Lower Schroon River Watershed

(0202000106)

Water Index Number	Waterbody Segment	Category
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- 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)
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

Water Index Number	Waterbody Segment	Category
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

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

Waterbody Location Information

Revised: 07/08/2005

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

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

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

Water Index No:	H-391 (portion 2)			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/110	**Str Class:**	A		Upper Hudson
Waterbody Type:	River			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	100.9 Miles			**Quad Map:**	THE GLEN (G-25-3)
Seg Description:	stream and tribs, from abv Warrensburg to Schroon 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 **Resolution Potential:**
TMDL/303d Status: n/a ())

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.

Forest Lake (1104-0193) NoKnownImpct

Waterbody Location Information

Revised: 12/11/2006

Water Index No:	H-391-14-1-P340			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/110	**Str Class:**	A		Upper Hudson
Waterbody Type:	Lake			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	25.7 Acres			**Quad Map:**	THE GLEN (G-25-3)
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
Resolution Potential:
TMDL/303d Status: n/a ())

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 mesotropic, or moderately productive. Phosphorus levels in the lake regularly fall below criteria that would indicate impacted recreational uses and transparency measurements consistenly 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			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/110	**Str Class:**	AAspcl		Upper Hudson
Waterbody Type:	River			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	1.4 Miles			**Quad Map:**	CHESTERTOWN (G-25-2)
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 **Resolution Potential:**
TMDL/303d Status: n/a ())

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

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

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
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

Issue Resolvability: 3 (Strategy Being Implemented)
Verification Status: 5 (Management Strategy has been Developed)
Lead Agency/Office: ext/WQCC **Resolution Potential:** High
TMDL/303d Status: 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 aqautic 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 treament (septic) system maintenance programs, streambank erosion and roadway mantenance. (Warren County WQCC, 2004)

Chester Creek and tribs (1104-0201) NoKnownImpct

Waterbody Location Information

Revised: 07/08/2005

Water Index No:	H-391-33			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/110	**Str Class:**	C(T)		Upper Hudson
Waterbody Type:	River			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	28.9 Miles			**Quad Map:**	CHESTERTOWN (G-25-2)
Seg Description:	entire stream and selected/smaller 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 **Resolution Potential:**
TMDL/303d Status: n/a ())

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

Water Index No:	H-391-33-8-P365			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/110	**Str Class:**	AAspcl		Upper Hudson
Waterbody Type:	Lake			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	454.4 Acres			**Quad Map:**	CHESTERTOWN (G-25-2)
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 **Resolution Potential:**
TMDL/303d Status: n/a ())

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 mesooligotropic, 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			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/100	**Str Class:**	C(T)		Upper Hudson
Waterbody Type:	River			**Reg/County:**	5/Warren Co. (57)
Waterbody Size:	32.2 Miles			**Quad Map:**	CHESTERTOWN (G-25-2)
Seg Description:	stream and tribs from mouth to Olmstedville				

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

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			**Drain Basin:**	Upper Hudson River
Hydro Unit Code:	02020001/100	**Str Class:**	C(T)		Upper Hudson
Waterbody Type:	River			**Reg/County:**	5/Essex Co. (16)
Waterbody Size:	77.3 Miles			**Quad Map:**	SCHROON LAKE (F-25-0)
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 **Resolution Potential:**
TMDL/303d Status: n/a ())

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)