



Chemung River/Canisteo Watershed

(0205010404)

Water Index Number	Waterbody Segment	Category
Pa 3-57- 5 (portion 1)	Canisteo River, Lower, and minor tribs (0503-0011)	NoKnownImpct
Pa 3-57- 5 (portion 2)	Canisteo River, Middle, and minor tribs (0503-0006)	MinorImpacts
Pa 3-57- 5 (portion 3)	Canisteo River, Middle, and minor tribs (0503-0012)	MinorImpacts
Pa 3-57- 5 (portion 4)	Canisteo River, Middle, and minor tribs (0503-0001)	Impaired Seg
Pa 3-57- 5 (portion 5)	Canisteo River, Upper, and minor trbs (0503-0013)	NoKnownImpct
Pa 3-57- 5- 5	Goodhue Creek and tribs (0503-0014)	UnAssessed
Pa 3-57- 5- 5-P27	Goodhue Lake (0503-0015)	UnAssessed
Pa 3-57- 5-19-P28	Cranberry Pond (0503-0022)	UnAssessed
Pa 3-57- 5-38	Colonel Bills Creek (0503-0023)	MinorImpacts
Pa 3-57- 5-48	Big Creek and tribs (0503-0028)	UnAssessed
Pa 3-57- 5-49	Seeley/Carrington Cr, Lower, and tribs (0503-0029)	NoKnownImpct
Pa 3-57- 5-49	Seeley/Carrington Cr, Upper, and tribs (0503-0030)	UnAssessed
Pa 3-57- 5-49-P34,P35,P36	Hornell Reservoirs (0503-0031)	UnAssessed
Pa 3-57- 5-52- 1-P??	Arkport Reservoir (0503-0032)	UnAssessed

Canisteo River, Lower, and minor tribs (0503-0011)

NoKnownImpct

Waterbody Location Information

Revised: 01/31/2007

Water Index No:	Pa 3-57- 5 (portion 1)	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	River	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	22.5 Miles	Quad Map:	ADDISON (M-12-4)
Seg Description:	stream and selected tribs, from mouth to Addison		

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: n/a

Further Details

A biological (macroinvertebrate) assessment of Canisteo River in Erwins (at Route 73/Hills Road) was conducted in 2002. Field sampling results indicated non-impacted water quality conditions. The fauna was diverse and all screening criteria for waters having no known impacts were met. A sample taken just upstream of this segment in 2002 was laboratory-processed and found to be non-impacted as well. Aquatic life support is considered to be fully supported in the stream and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, June 2005)

This segment includes the portion of the stream and selected/smaller tribs from the mouth in Erwins to Tuscarora Creek (-8) in Addison. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Cole Creek (-1), Beekman Hollow Creek (-3) and Reuben Brook (-6a), are also Class C. Goodhue Creek (-5) and Tuscarora Creek (-8) are listed separately.

Canisteo River, Middle, and minor tribs (0503-0006)

MinorImpacts

Waterbody Location Information

Revised: 02/05/2007

Water Index No:	Pa 3-57- 5 (portion 2)	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	River	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	72.5 Miles	Quad Map:	RATHBONE (M-11-2)
Seg Description:	stream and selected tribs, from Addison to Cameron		

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

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

Type of Pollutant(s)

Known: SILT/SEDIMENT
Suspected: ---
Possible: ---

Source(s) of Pollutant(s)

Known: STREAMBANK EROSION, Roadbank Erosion
Suspected: ---
Possible: Agriculture

Resolution/Management Information

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

Resolution Potential: Medium

Further Details

Hydrologic/habitat uses in this portion of Canisteo River are thought to experience minor impacts due to silt/sedimentation from streambank erosion.

NYSDEC Rotating Intensive Basin Studies (RIBS) Intensive Network monitoring of Canisteo River in Derby Switch, Steuben County, (at Newcomb Road) was conducted in 2003. Intensive Network sampling typically includes macroinvertebrate community analysis, water column chemistry, sediment and invertebrate tissues analysis and toxicity evaluation. The biological (macroinvertebrate) assessment for the site indicated non-impacted water quality conditions although indicators of nutrient enrichment were present. Abundant filamentous algae, but the fauna was diverse. Crayfish collected for tissue analysis did not show metals, PCBs, or PAHs above levels of concern, but elevated levels of pesticides were present. Water column sampling revealed iron to be a parameter of concern, exceeding its assessment criterion in three of ten samples collected. Bottom sediment sampling found indications of some toxicity but not at a level sufficient to cause chronic impacts to aquatic life. Toxicity testing of the water column showed no significant mortality or reproductive impacts. (DEC/DOW, BWAM/RIBS, January 2005)

Biological (macroinvertebrate) assessments of Canisteo River in Derby Switch (at Route 73/Hills Road) and Cameron (at Route 22) were also conducted in 2002 as part of the RIBS Biological Screening effort. Sampling results indicated non-impacted water quality conditions at the downstream site in Derby Switch. The most recent sampling prior to that

was in 1997-98 when slightly impacted conditions were found. At the upstream site in Cameron, water quality was assessed as slightly impacted. Nutrient enrichment and siltation were the primary factors influencing the fauna. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream. (DEC/DOW, BWAM/SBU, June 2005)

Silt and sedimentation from the erosion of stream banks is thought to negatively impact the stream habitat and limit the fishery. Silty soils and the absence of riparian buffer zones make river banks highly susceptible to erosion. (One farm field in Rathbone lost 2 acres to erosion during a single flood event in 1996.) High sediment loads from Colonel Bills Creek and other tributaries also contribute to the problem. Agriculture and roadbank erosion are also cited as possible sources. Annual air photographs of the stream by Steuben County SWCD have documented the erosion. A road ditch assessment of this watershed by Upper Susquehanna Coalition/SWCD also documents the erosion. (Steuben County WQCC, August 2004)

This segment includes the portion of the stream and all tribs from Tuscarora Creek (-8) in Addison to/including Cameron Creek (-22) in Cameron. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Catherine Creek (-10), Canatoga Creek (-12), Myers Creek (-14), Tracy Creek (-18) and Helmer Creek (-20), are also Class C. Tuscarora Creek (-8) is listed separately.

Canisteo River, Middle, and minor tribs (0503-0012)

MinorImpacts

Waterbody Location Information

Revised: 02/05/2007

Water Index No:	Pa 3-57- 5 (portion 3)	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	River	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	60.9 Miles	Quad Map:	CANISTEO (L-10-3)
Seg Description:	stream and selected tribs, from Cameron to Canisteo		

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

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

Type of Pollutant(s)

Known: SILT/SEDIMENT
Suspected: - - -
Possible: - - -

Source(s) of Pollutant(s)

Known: STREAMBANK EROSION, Roadbank Erosion
Suspected: - - -
Possible: Agriculture

Resolution/Management Information

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

Resolution Potential: Medium

Further Details

Hydrologic/habitat uses in this portion of the Canisteo River are thought to experience minor impacts due to silt/sedimentation from streambank erosion.

A biological (macroinvertebrate) assessment of Canisteo River below Canisteo (at Carson bridge) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. Nutrient enrichment and siltation were the primary factors influencing the fauna. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, June 2005)

Silt and sedimentation from the erosion of stream banks is thought to negatively impact the stream habitat and limit the fishery. Silty soils and the absence of riparian buffer zones make river banks highly susceptible to erosion from flashy flow in steep gradient streams and tribs. Erosion of streambanks and agricultural property has occurred at various sites and multiple bank failures have been noted. High sediment loads from other tributaries, including Colonel Bills Creek and Bennetts Creek, also contribute to the problem. Annual air photographs of the stream by Steuben County SWCD have documented the erosion. A road ditch assessment of this watershed by Upper Susquehanna Coalition/SWCD also documents road bank erosion. (Steuben County WQCC, August 2004)

This segment includes the portion of the stream and selected/smaller tribs from Cameron Creek (-22) in Cameron to Bennetts Creek (-40) in Canisteo. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Mud Hollow Brook (-32), Baker Creek (-36), Taylor Hollow Creek (-36a) and Baker/Orbs Creek (-39), are Class C,C(T). Colonel Bills Creek (-38) and Bennetts Creek (-40) are listed separately.

Canisteo River, Middle, and minor tribs (0503-0001)

Impaired Seg

Waterbody Location Information

Revised: 02/05/2007

Water Index No: Pa 3-57- 5 (portion 4) **Drain Basin:** Chemung River
Hydro Unit Code: 02050104/070 **Str Class:** C Tioga River
Waterbody Type: River **Reg/County:** 8/Steuben Co. (51)
Waterbody Size: 57.5 Miles **Quad Map:** HORNELL (L-10-4)
Seg Description: stream and selected tribs, from Canisteo to Hornell

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

Use(s) Impacted	Severity	Problem Documentation
AQUATIC LIFE	Impaired	Known
HABITAT/HYDROLOGY	Impaired	Known

Type of Pollutant(s)

Known: WATER LEVEL/FLOW, RESTRICTED PASSAGE
Suspected: UNKNOWN TOXICITY, Thermal Changes
Possible: Chlorine, Silt/Sediment

Source(s) of Pollutant(s)

Known: HABITAT MODIFICATION
Suspected: Urban/Storm Runoff
Possible: UNKNOWN SOURCE, Landfill/Land Disp., Municipal

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 2 (Problem Verified, Cause Unknown)
Lead Agency/Office: DOW/BWAM **Resolution Potential:** Medium
TMDL/303d Status: 3b,4c (Waterbody Requiring Verification of Cause/Pollutant, more)

Further Details

Aquatic life support in this portion of the Canisteo River is impaired by unknown toxicity. Possible sources of this impact have been suggested but the actual source has yet to be verified. Nonpoint source nutrient enrichment from within and above the segment watershed may also contribute to water quality impacts. Hydrologic/habitat uses in this reach of the Canisteo River is also impaired by habitat modification related to flood control projects in the City of Hornell. The conflicting uses of the river for flood control and fishery habitat may be difficult to resolve.

NYSDEC Rotating Intensive Basin Studies (RIBS) Intensive Network monitoring of Canisteo River in Canisteo, Steuben County, (at Depot Street) was conducted in 2003. Intensive Network sampling typically includes macroinvertebrate community analysis, water column chemistry, sediment and invertebrate tissues analysis and toxicity evaluation. The biological (macroinvertebrate) assessment for the site indicated slightly impacted water quality conditions, an improvement over moderate impacts noted in 2002 (see below). Tolerant worms continue to represent a substantial portion of the fauna, likely reflecting effects of the Hornell Water Pollution Control Facility discharge, approximately 3 miles upstream. Habitat may also be a factor at this site, with the substrate consisting of rock and silt. Crayfish collected for tissue analysis did not show metals, PCBs, or PAHs above levels of concern, but levels of some pesticides were elevated. Water column sampling revealed iron, aluminum and mercury to be parameters of concern; these substances exceeded the respective assessment criterion in two to four of the ten samples collected. Coliform

sampling was limited but did reveal some high counts. Bottom sediment sampling found indications of some toxicity but not at a level sufficient to cause chronic impacts to aquatic life. Toxicity testing of the water column showed no significant mortality or reproductive impacts. Fish community metrics reflected very good water quality. The most numerous species were spotfin shiner and tessellated darter. Also present were chain pickerel, rosyface shiner, mimic shiner, banded darter, largemouth bass, smallmouth bass, and rock bass. (DEC/DOW, BWAM/RIBS, January 2005)

A biological (macroinvertebrate) assessment of Canisteo River in Canisteo (at Depot Street) was also conducted in 2002 as part of the RIBS Biological Screening effort. Sampling results indicated moderately impacted water quality conditions. A significant biological impact consistent with chlorinated sewage wastes, similar to results for 1988 sampling, was found. However, the Hornell plant is not required to disinfect its effluent, so it is not a likely source of chlorine toxicity. Most recently the plant has been consistently meeting its tertiary treatment permit limits. Similar but somewhat more impacted results were found in Hornell (at Ashbaugh Hill Road) in 1988 sampling. (DEC/DOW, BWAM/SBU, June 2005)

It had also been suggested that the impact in this segment may be due, in part, to poor water quality in Canacadea Creek which enters the Canisteo above this site. However, follow-up biological sampling in 1989 indicated that, at that time, water quality impacts from this tributary stream were not as significant as those found in the vicinity of the facility discharge (B.Bode memo to Butler, 2/2/90).

Possible contamination of the stream from the adjacent Conrail Demolition Landfill Hazardous Waste Site (Site No. 8-51-002) in Hornell has also been noted. Phase II Remediation Investigation of the site was completed in 1992. Analysis of surface and groundwater confirmed the migration of contaminants. Initial studies showed significant levels of lead in sediment and PCB and benzene in the water column. The site has also been noted as a source of excessive siltation. Two other hazardous waste sites are also located in the area: a (former) General Electric Inactive Hazardous Waste Site (Site No. 8-51-009) and the Hornell Street Extension Hazardous Substance Waste Disposal Site. (DEC/DER, Hazardous Waste Site database, 2006).

The flood control project in the City of Hornell impairs fishery habitat in portions of the Canisteo River, as well as lower Canacadea Creek, Chauncey Run and Crosby Creek. The project includes 2 miles of channel paving, nearly 4 miles of channel widening and realignment over 5 miles of concrete flood wall, 6 miles of earthen levees with riprap protection, 5 check dams, 4 drop structures and 4 weirs. These structures and their maintenance requirements (including periodic sediment removal from check dams, etc) reduce in-stream habitat, restrict fish passage and limit recreational access to the river. (Steuben County WQCC, August 2004)

This segment includes the portion of the stream and selected/smaller tribs from Bennetts Creek (-40) in Canisteo to the Seneca Street Bridge in Hornell. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Hammer Creek (-41), Cunningham Creek (-42), Crosby Creek (-45) and Chauncey Run (-46), are also Class C. Bennetts Creek (-40) and Canacadea Creek (-47) are listed separately.

Canisteo River, Upper, and minor tribs (0503-0013)

NoKnownImpct

Waterbody Location Information

Revised: 01/31/2007

Water Index No:	Pa 3-57- 5 (portion 5)	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/010	Str Class:	C
Waterbody Type:	River	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	117.2 Miles	Quad Map:	ARKPORT (L-10-1)
Seg Description:	stream and selected tribs, above Hornell		

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: n/a

Further Details

A biological (macroinvertebrate) assessment of Canisteo River above Hornell (at Route 65) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. Some signs of nutrient enrichment and siltation were noted. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, June 2005)

See also segment 0503-0001 (Canisteo River, Middle, and tribs) regarding habitat modification impacts related to flood control projects in Hornell.

This segment includes the portion of the stream and selected/smaller tribs above the Seneca Street Bridge in Hornell. The waters of this portion of the stream are Class C,C(T). Tribs to this reach/segment, including Hollis Creek (-51) and Marsh Ditch (-52), are also Class C. Big Creek (-48) and Seeley/Carrington Creek (-49) are listed separately.

Goodhue Creek and tribs (0503-0014)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5- 5	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	River	Reg/County:	Tioga River 8/Steuben Co. (51)
Waterbody Size:	20.3 Miles	Quad Map:	CAMPBELL (M-12-1)
Seg Description:	entire stream and tribs		

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue **Resolvability:** ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

This segment includes the entire stream and all tribs. The waters of the stream are Class C,C(T). Tribs to this reach/segment, including Onawasa Creek (-2), are also Class C,C(T). Goodhue Lake (-27) is listed separately.

Goodhue Lake (0503-0015)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5- 5-P27	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	B
Waterbody Type:	Lake	Reg/County:	Tioga River
Waterbody Size:	22.0 Acres	Reg/County:	8/Steuben Co. (51)
Seg Description:	entire lake	Quad Map:	RATHBONE (M-11-2)

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

Cranberry Pond (0503-0022)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5-19-P28	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	Lake	Reg/County:	Tioga River
Waterbody Size:	19.4 Acres	Reg/County:	8/Steuben Co. (51)
Seg Description:	entire lake	Quad Map:	RATHBONE (M-11-2)

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

Colonel Bills Creek, and tribs (0503-0023)

MinorImpacts

Waterbody Location Information

Revised: 02/05/2007

Water Index No:	Pa 3-57- 5-38	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/050	Str Class:	C
Waterbody Type:	River	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	37.4 Miles	Quad Map:	SOUTH CANISTEO (M-10-2)
Seg Description:	entire stream and tribs		

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

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

Type of Pollutant(s)

Known: SILT/SEDIMENT
Suspected: - - -
Possible: - - -

Source(s) of Pollutant(s)

Known: STREAMBANK EROSION, Roadbank Erosion
Suspected: - - -
Possible: Agriculture

Resolution/Management Information

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

Further Details

Hydrologic/habitat uses in Colonel Bills Creek are thought to experience minor impacts due to silt/sedimentation from streambank erosion.

Silt and sedimentation from the erosion of stream banks is thought to negatively impact the stream habitat and limit the fishery. Silty soils and the absence of riparian buffer zones make river banks highly susceptible to erosion from flashy flow in steep gradient streams and tribs. Sediment loads and deposition in this creek are among the most severe in the county. The municipal highway departments remove approximately 35,000 cubic yards of gravel from the lower reach of the stream annually. The stream is wide and shallow with multiple braided channels and no low flow channel. A road ditch assessment of this watershed by Upper Susquehanna Coalition/SWCD documents road bank erosion problems. Maintenance of flood control structures downstream of these sites require regular sediment removal by NYSDEC. (Steuben County WQCC, August 2004)

A biological (macroinvertebrate) assessment of Colonel Bill's Creek near Canisteo (at Route 36) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. The fauna was dominated by facultative midges that indicate nonpoint source nutrient enrichment. Some possible indications of toxicity were also noted. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream. (DEC/DOW, BWAM/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C. Tribs to this reach/segment, including Gravel Run (-4), Two Bridge Run (-5), Red Spring Run (-7), Rock Run (-8), Jefferson Creek (-9), Dennis Creek (-10) and Milwaukee Creek (-11), are also Class C.

Big Creek and tribs (0503-0028)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5-48	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	C
Waterbody Type:	River	Reg/County:	Tioga River 8/Steuben Co. (51)
Waterbody Size:	29.7 Miles	Quad Map:	HORNELL (L-10-4)
Seg Description:	entire stream and tribs		

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

This segment includes the entire stream and all tribs. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Hungry Hollow Brook (-7), are also Class C.

Seeley/Carrington Cr, Lower, and tribs (0503-0029)

NoKnownImpct

Waterbody Location Information

Revised: 01/22/2007

Water Index No: Pa 3-57- 5-49 **Drain Basin:** Chemung River
Hydro Unit Code: 02050104/070 **Str Class:** C Tioga River
Waterbody Type: River **Reg/County:** 8/Steuben Co. (51)
Waterbody Size: 0.0 Miles **Quad Map:** HORNELL (L-10-4)
Seg Description: stream and selected tribs, mouth to Hornell Reservoirs

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: n/a

Further Details

A biological (macroinvertebrate) assessment of Seeley Creek in North Hornell (at Seneca Street) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and all screening criteria for waters having no known impacts were met. (DEC/DOW, BWAM/SBU, June 2005)

This segment includes the portion of the stream and selected/smaller tribs from the mouth in Hornell to the outlet of the Hornell Water Supply Reservoirs. The waters of this portion of the stream are Class C. Tribs to this reach/segment are also Class C. Upper Seeley/Carrington Creek is listed separately.

Seeley/Carrington Cr, Upper, and tribs (0503-0030)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No: Pa 3-57- 5-49 **Drain Basin:** Chemung River
Hydro Unit Code: 02050104/070 **Str Class:** A Tioga River
Waterbody Type: River **Reg/County:** 8/Steuben Co. (51)
Waterbody Size: 14.9 Miles **Quad Map:** HASKINVILLE (L-10-2)
Seg Description: stream and tribs, above Hornell Reservoirs

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

This segment includes the portion of the stream and selected/smaller tribs above the outlet of the Hornell Water Supply Reservoirs. The waters of this portion of the stream are Class A,A(T). Tribs to this reach/segment are also Class A,A(TS). Lower Seeley/Carrington Creek is listed separately.

Hornell Reservoirs (0503-0031)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5-49-P34,P35,P36	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/070	Str Class:	A
Waterbody Type:	Lake(R)	Reg/County:	Tioga River 8/Steuben Co. (51)
Waterbody Size:	45.8 Acres	Quad Map:	ARKPORT (L-10-1)
Seg Description:	entire area of all three reservoirs		

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

This segment includes to total area of Hornell Reservoir #1 (P34), #2, (P35) and #3 (P36).

Arkport Reservoir (0503-0032)

UnAssessed

Waterbody Location Information

Revised: 05/26/2004

Water Index No:	Pa 3-57- 5-52- 1-P??	Drain Basin:	Chemung River
Hydro Unit Code:	02050104/020	Str Class:	A?
Waterbody Type:	Lake(R)	Reg/County:	8/Steuben Co. (51)
Waterbody Size:	0.1 Acres	Quad Map:	ARKPORT (L-10-1)
Seg Description:	entire reservoir		

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

Use(s) Impacted	Severity	Problem Documentation
UnAssessed Water		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: ()
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office:
TMDL/303d Status: n/a

Resolution Potential: n/a

Further Details

This waterbody is not currently included in the stream classification regulations and as a result does not have a designated pond number.