



## Genegantslet Creek Watershed (0205010207)

### Water Index Number

SR- 44-23  
 SR- 44-23  
 SR- 44-23  
 SR- 44-23- 3-P78  
 SR- 44-23-11-P81  
 SR- 44-23-14-1-P82  
 SR- 44-23-14-P83  
 SR- 44-23-14-P83-2-P84  
 SR- 44-23-35-P88

### Waterbody Segment

Geneganslet Creek, Lower, and tribs (0602-0063)  
 Geneganslet Creek, Middle, and tribs (0602-0137)  
 Geneganslet Creek, Upper, and tribs (0602-0138)  
 Lake Petonia (0602-0092)  
 Echo Lake (0602-0093)  
 Round Pond (0602-0094)  
 Long Pond (0602-0095)  
 Cincinnatus Lake (0602-0064)  
 Genegantslet Lake (0602-0096)

### Category

NoKnownImpct  
 UnAssessed  
 UnAssessed  
 NoKnownImpct  
 NoKnownImpct  
 UnAssessed  
 UnAssessed  
 UnAssessed  
 NoKnownImpct

# Geneganselet Creek, Lower, and tribs ( 0602-0063)

NoKnownImpct

## Waterbody Location Information

Revised: 07/06/2009

**Water Index No:** SR- 44-23  
**Hydro Unit Code:** 02050102/040      **Str Class:** C  
**Waterbody Type:** River (Low Flow)      **Drain Basin:** Susquehanna River  
**Waterbody Size:** 117.9 Miles      **Reg/County:** 7/Chenango Co. ( 9)  
**Seg Description:** stream and tribs, from mouth to Smithville Flats      **Quad Map:** GREENE (L-17-3) ...

## 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      **Resolution Potential:** n/a  
**TMDL/303d Status:** n/a

## Further Details

### Water Quality Sampling

Biological (macroinvertebrate) sampling of Genegantslet Creek in Greene (at Slater Road) indicated non-impacted water quality conditions. The sample was diverse, well-balanced and satisfied screening criteria. (DEC/DOW, BWAR/SBU, January 1999)

The creek supports a valuable trout fishery with wild populations of both brook and brown trout. NYSDEC also stocks the stream with brown trout. The decline of agricultural activity over the past 25 years has led to the re-establishment of riparian vegetation, cooler temperatures and improved water quality. (DEC/DFWMR, Region 7, November 2000)

### Segment Description

This segment includes the portion of the stream and all tribs from the mouth to/including Pond Brook (-14) in Smithville Flats. The waters of this portion of the stream are Class C,C(T). Tribs to this reach/segment, including Indian Creek (-1), Round Pond Outlet (-3), Echo Lake Outlet (-11) and Pond Brook (-14), are Class C. Middle/Upper Geneganselet Creek are listed separately.

# Lake Petonia ( 0602-0092)

NoKnownImpct

## Waterbody Location Information

Revised: 07/06/2009

<b>Water Index No:</b>	SR- 44-23- 3-P78	<b>Drain Basin:</b>	Susquehanna River
<b>Hydro Unit Code:</b>	02050102/040	<b>Str Class:</b>	A
<b>Waterbody Type:</b>	Lake (Oligotrophic)	<b>Reg/County:</b>	7/Chenango Co. ( 9)
<b>Waterbody Size:</b>	24.1 Acres	<b>Quad Map:</b>	GREENE (L-17-3)
<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

<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> n/a
<b>TMDL/303d Status:</b>	n/a	

## Further Details

### Water Quality Sampling

Petonia Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1986 through 1991 and from 2001 through 2006. An Interpretive Summary report of the findings of this sampling was published in 2007. These data indicate that the lake continues to be best characterized as mesoligotrophic, or moderately unproductive. Phosphorus levels in the lake are typically well below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements consistently exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is weakly colored, but color does not limit water transparency. (DEC/DOW, BWAM/CSLAP, July 2007) Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable. The recreational suitability of the lake is described most frequently as "could not be nicer" to "excellent." The lake itself is most often described as "crystal clear" to "not quite crystal clear," an assessment that is consistent measured water quality characteristics. Assessments have noted that aquatic plants rarely grow to the lake surface. Aquatic plants are dominated by native and have not typically been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, July 2007)

#### Lake Uses

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.

#### Segment Description

This segment includes the total area of the entire lake.

# Echo Lake ( 0602-0093)

NoKnownImpct

## Waterbody Location Information

Revised: 07/06/2009

<b>Water Index No:</b>	SR- 44-23-11-P81	<b>Drain Basin:</b>	Susquehanna River
<b>Hydro Unit Code:</b>	02050102/040	<b>Str Class:</b>	C
<b>Waterbody Type:</b>	Lake (Unknown Trophic)	<b>Reg/County:</b>	7/Chenango Co. ( 9)
<b>Waterbody Size:</b>	60.7 Acres	<b>Quad Map:</b>	SMITHVILLE FLATS (L-17-2)
<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

<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> n/a
<b>TMDL/303d Status:</b>	n/a	

## Further Details

### Water Quality Sampling

Echo Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1991 through 1996 and from 2002 through 2006. An Interpretive Summary report of the findings of this sampling was published in 2007. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. Phosphorus levels in the lake are consistently below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements easily exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is weakly colored, but color does not limit water transparency. (DEC/DOW, BWAM/CSLAP, August 2007)

### Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable. The recreational suitability of the lake is described most frequently as "could not be nicer" to "excellent." The lake itself is most often described as "not quite crystal clear," an assessment that is consistent measured water quality characteristics. Assessments have noted that aquatic plants typically grow to the lake surface but not densely. Aquatic plants are dominated by native and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, August 2007)

#### Lake Uses

This lake waterbody is designated class C, suitable for use as a general recreation and aquatic life support, but not for drinking water supply or public bathing beach. 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.

#### Segment Description

This segment includes the total area of the entire lake.

# Genegantslet Lake ( 0602-0096)

NoKnownImpct

## Waterbody Location Information

Revised: 07/07/2009

**Water Index No:** SR- 44-23-35-P88  
**Hydro Unit Code:** 02050102/040      **Str Class:** B  
**Waterbody Type:** Lake (Mesotrophic)  
**Waterbody Size:** 108.6 Acres  
**Seg Description:** entire lake

**Drain Basin:** Susquehanna River  
Chenango River  
**Reg/County:** 7/Chenango Co. ( 9)  
**Quad Map:** PITCHER (K-17-3)

## 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      **Resolution Potential:** n/a  
**TMDL/303d Status:** n/a

## Further Details

### Water Quality Sampling

Genegantslet Lake has been sampled as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 1990 and continuing through 2006. An Interpretive Summary report of the findings of this sampling was published in 2007. These data indicate that the lake continues to be best characterized as mesotrophic, or moderately productive. Phosphorus levels in the lake are consistently below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements easily exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is weakly colored, but color does not limit water transparency. (DEC/DOW, BWAM/CSLAP, April 2007)

### Recreational Assessment

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable. The recreational suitability of the lake is described most frequently as "could not be nicer" to "excellent." The lake itself is most often described as "not quite crystal clear," an assessment that is consistent measured water quality characteristics. Assessments have noted that aquatic plants rarely grow to the lake surface. Aquatic plants are dominated by native and have not been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, April 2007)

### Lake Uses

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

### Segment Description

This segment includes the total area of the entire lake.