### Wharton Creek Watershed

**Wharton Creek Watershed**

**Water Index Number**
- SR-146-36
- SR-146-36
- SR-146-36
- SR-146-36-9
- SR-146-36-23-P228

**Waterbody Segment**
- Wharton Creek, Lower, and minor tribs (0601-0052)
- Wharton Creek, Middle, and tribs (0601-0145)
- Wharton Creek, Upper, and tribs (0601-0146)
- Mill Creek and tribs (0601-0149)
- Summit Lake (0601-0024)

**Category**
- NoKnownImpct
- UnAssessed
- UnAssessed
- NoKnownImpct
Wharton Creek, Lower, and minor tribs (0601-0052)  NoKnownImpct

Waterbody Location Information

Water Index No:  SR-146-36
Hydro Unit Code:  02050101/150  Str Class:  C(T)
Waterbody Type:  River
Waterbody Size:  55.4 Miles
Seg Description:  stream and selected tribs from mouth to Edmeston

Drain Basin:  Susquehanna River
Reg/County:  4/Otsego Co. (39)
Quad Map:  NEW BERLIN NORTH (K-19-2) ...

Water Quality Problem/Issue Information

Use(s) Impacted
NO USE IMPAIRMNT

Severity

Problem Documentation

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

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

Water Quality Sampling
Biological (macroinvertebrate) sampling of Wharton Creek in New Berlin (at Route 18) indicated non-impacted water quality conditions. Streambanks were exposed and elevated sediment loads were noted during sampling; but the sample was diverse, well-balanced and satisfied screening criteria. (DEC/DOW, BWAR/SBU, January 1999)

Segment Description
This segment includes the portion of the stream and all tribs from the mouth to Mill Creek (-9) in Edmeston. The waters of this portion of the stream are Class C(T). Tribs to this reach/segment are Class C,C(T),C(TS). Mill Creek (-9) is listed separately.
Summit Lake (0601-0024)

**Waterbody Location Information**

- **Water Index No:** SR-146-36-23-P228
- **Hydro Unit Code:** 02050101/150
- **Str Class:** B
- **Waterbody Type:** Lake
- **Waterbody Size:** 33.5 Acres
- **Seg Description:** entire lake
- **Drain Basin:** Susquehanna River
- **Reg/County:** 4/Otsego Co. (39)
- **Quad Map:** UNADILLA FORKS (J-20-4)

**Water Quality Problem/Issue Information**

<table>
<thead>
<tr>
<th>Use(s) Impacted</th>
<th>Severity</th>
<th>Problem Documentation</th>
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<tbody>
<tr>
<td>NO USE IMPAIRMENT</td>
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</table>

**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*

Summit Lake was sampled as part of the NYSDEC Lake Classification and Inventory (LCI) screening effort in 2008. Nutrient, chlorophyll a and clarity measurements taken at that time revealed no significant eutrophication of the lake and algal growth did not appear to impact recreational uses. Measurement of dissolved oxygen did not indicate any D.O. depletion that would affect the fishery or other aquatic resources. (DEC/DOW, BWAM/LCI, September 2009)

*Previous Assessment*

Concerns were raised during a previous assessment effort in 1998 regarding impacts on recreational uses (swimming, fishing, boating) in Summit Lake may be affected by high nutrient levels and resulting algal blooms and excessive aquatic vegetation. However more recent sampling could not verify such impacts and water quality was found to be fully supportive of uses. (DEC/DOW, BWAM/WQAS, September 2009)