



Ouleout Creek Watershed (0205010110)

Water Index Number

SR-155
 SR-155
 SR-155- 3
 SR-155- 3-2-3-P265
 SR-155- 3-2-P268
 SR-155- 7
 SR-155-P262

Waterbody Segment

Ouleout Creek, Lower, and tribs (0601-0054)
 Ouleout Creek, Upper, and minor tribs (0601-0057)
 Handsome Br/West Branch and minor tribs (0601-0055)
 Chisholm Pond (0601-0091)
 Bourn Pond (0601-0092)
 Treadwell Creek and tribs (0601-0058)
 East Sidney Reservoir (0601-0001)

Category

UnAssessed
 UnAssessed
 NoKnownImpct
 UnAssessed
 UnAssessed
 NoKnownImpct
 Need Verific

Handsome Br/West Branch and minor tribs (0601-0055)NoKnownImpet

Waterbody Location Information

Revised: 07/19/2000

Water Index No: SR-155- 3
Hydro Unit Code: 02050101/090 **Str Class:** C(TS)
Waterbody Type: River
Waterbody Size: 32.9 Miles
Seg Description: entire stream (incl West Branch) and smaller tribs

Drain Basin: Susquehanna River
Upper Susquehanna
Reg/County: 4/Delaware Co. (13)
Quad Map: FRANKLIN (L-20-4) ...

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

A biological (macroinvertebrate) assessment of Handsome Brook in Bartlett Hollow (at Route 357) was conducted as part of the RIBS biological screening effort in 2003. Sampling results indicated non-impacted conditions. Such samples are dominated by clean-water species and conditions that reflect a natural community with minimal, if any, human impacts. Aquatic life community is clearly fully supported. These results are consistent with sampling conducted at this site in 1998. (DEC/DOW, BWAM/SBU, January 2009)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(TS). Tribs to this reach/segment, including East Branch (-2) and West Branch (-3), are Class C,C(T),C(TS).

Treadwell Creek and tribs (0601-0058)

NoKnownImpct

Waterbody Location Information

Revised: 07/19/2000

Water Index No: SR-155- 7
Hydro Unit Code: 02050101/090 **Str Class:** C(TS)
Waterbody Type: River (Low Flow) **Reg/County:** 4/Delaware Co. (13)
Waterbody Size: 42.7 Miles **Quad Map:** TREADWELL (L-20-3) ...
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:** n/a
TMDL/303d Status: n/a

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of Treadwell Creek near Franklin (at Route 357) was conducted as part of the RIBS biological screening effort in 2003. Sampling results indicated non-impacted conditions. Such samples are dominated by clean-water species and conditions that reflect a natural community with minimal, if any, human impacts. Aquatic life community is clearly fully supported. These results are consistent with sampling conducted on the stream in 1998. (DEC/DOW, BWAM/SBU, January 2009)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(TS). Tribs to this reach/segment, including Roaring Brook (-5) and Poverty Hollow Creek (-7), are Class C,C(T),C(TS).

East Sidney Reservoir (0601-0001)

Need Verific

Waterbody Location Information

Revised: 09/15/2009

Water Index No:	SR-155-P262	Drain Basin:	Susquehanna River
Hydro Unit Code:	02050101/090	Str Class:	B(T)
Waterbody Type:	Lake (Eutrophic)	Reg/County:	4/Delaware Co. (13)
Waterbody Size:	115.8 Acres	Quad Map:	FRANKLIN (L-20-4)
Seg Description:	entire lake		

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

Use(s) Impacted	Severity	Problem Documentation
Recreation	Stressed	Possible

Type of Pollutant(s)

Known: ---
Suspected: ALGAL/WEED GROWTH (algal blooms, clarity), NUTRIENTS, D.O./Oxygen Demand
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: AGRICULTURE
Possible: On-Site/Septic Syst

Resolution/Management Information

Issue Resolvability:	1 (Needs Verification/Study (see STATUS))	
Verification Status:	1 (Waterbody Nominated, Problem Not Verified)	
Lead Agency/Office:	DOW/BWAM	Resolution Potential: Medium
TMDL/303d Status:	n/a	

Further Details

Overview

Recreational uses (swimming, boating, fishing) in East Sidney Reservoir may experience minor impacts and threats due to elevated nutrient loads that lead to occasional algal blooms and reduced water clarity. Agricultural and other nonpoint sources are likely contributing to the impacts; inadequate on-site septic systems are also a possible source.

Previous Assessment

Occasional algal blooms, reduced clarity and high nutrient loads were noted during a 1984 Lake Classification and Inventory study by NYSDEC. The Army Corps of Engineers had also conducted a watershed study in late 1980s that reported high nutrient loads, algal blooms and low dissolved oxygen in the lake. The Corps installed a bubbler system during the summer of 1989 to try to relieve hypolimnetic anoxia. At that time agricultural runoff was thought to be the primary source of impact. However more recently Delaware County farm management program has helped reduce nonpoint effects from farms. Inadequate on-site septic systems in upstream hamlets were also thought at that time to contribute to water quality issues in the reservoir. Current conditions in the reservoir need to be verified. (DEC/DOW, BWAM/WQAS, August 2009)