



## Deer River Watershed (0415010114)

### Water Index Number

Ont 19- 31  
 Ont 19- 31  
 Ont 19- 31  
 Ont 19- 31-16  
 Ont 19- 31-18  
 Ont 19- 31-28  
 Ont 19- 31-P402  
 Ont 19- 31-P402-

### Waterbody Segment

Deer River, Lower, and tribs (0801-0170)  
 Deer River, Middle, and tribs (0801-0263)  
 Deer River, Upper, and tribs (0801-0218)  
 Cobb Creek and tribs (0801-0265)  
 Smith Creek and tribs (0801-0266)  
 West Branch Deer River and tribs (0801-0267)  
 Sears Pond (0801-0268)  
 Tribs to Sears Pond (0801-0269)

### Category

NoKnownImpct  
 NoKnownImpct  
 NoKnownImpct  
 NoKnownImpct  
 MinorImpacts  
 UnAssessed  
 UnAssessed  
 UnAssessed



fish consumption uses.

Biological (macroinvertebrate) screening of Deer River in Deer River (at Route 26) and in Copenhagen (at Route 12) were also conducted in 2002 and 1996. Sampling results indicated non-impacted water quality conditions. At the downstream site in Deer River the invertebrate fauna was diverse, and the site was field-assessed using screening criteria as being non-impacted. In Copenhagen, the fauna contained many mayflies, stoneflies and caddisflies. Water quality indices for the 1996 sample were just within the range of slight impact, but due to sampling habitat influences the assessment was upgraded to non-impacted. (DEC/DOW, BWAM/SBU, June 2005)

Previously, conditions in the Deer River were affected by the discharge of inadequately and/or untreated sewage from homes and commercial establishments in the Village of Copenhagen. The village signed a consent order in November 1995 and began construction of a municipal WWTP that was completed and went on-line in 2000. A 1994 NYSDEC sanitary survey of homes and commercial businesses in the village had targeted over 100 properties suspected of using inadequate sewage treatment facilities. Based on questionnaires and limited dye testing, Regional DOW staff determined that at least 36 properties were discharging inadequately and/or untreated sewage to the river and a tributary (trib -9). (DEC/DOW Region 6, December 2004).

This segment includes the portion of the stream and all tribs from the mouth to the Copenhagen WTP intake in Copenhagen. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including Kidder Creek (-2), are also Class C. Middle/Upper Deer River is listed separately.





# Cobb Creek and tribs (0801-0265)

NoKnownImpct

## Waterbody Location Information

Revised: 01/05/2007

**Water Index No:** Ont 19- 31-16  
**Hydro Unit Code:** 04150101/170      **Str Class:** C  
**Waterbody Type:** River  
**Waterbody Size:** 44.9 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Black River  
Black River  
**Reg/County:** 6/Lewis Co. (25)  
**Quad Map:** NEW BOSTON (F-18-4)

## 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

A biological (macroinvertebrate) assessment of Cobb Creek in Bellwood (at Cobb Road) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The stream had very little flow at the time of sampling due to prevailing drought conditions. Nevertheless the fauna contained many clean-water mayflies, stoneflies, caddisflies and hellgrammites. (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 Mud Creek (-2), are Class C,C(T),C(TS).

# Smith Creek and tribs (0801-0266)

# MinorImpacts

## Waterbody Location Information

Revised: 03/13/2007

**Water Index No:** Ont 19- 31-18  
**Hydro Unit Code:** 04150101/170      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 16.1 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Black River  
**Reg/County:** 6/Lewis Co. (25)  
**Quad Map:** NEW BOSTON (F-18-4)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Suspected

### Type of Pollutant(s)

Known: ---  
Suspected: NUTRIENTS (phosphorus)  
Possible: ---

### Source(s) of Pollutant(s)

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

## 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

Aquatic life support in Smith Creek is thought to experience minor impacts due to nutrient enrichment from nonpoint agricultural activity.

A biological (macroinvertebrate) assessment of Smith Creek in Bellwood (at Route 177) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. However the stream was very small with little flow and the sample may not be fully representative. The fauna contained facultative midges and riffle beetles. Impact Source Determination identified nonpoint source nutrient enrichment as the primary cause of impacts. (DEC/DOW, BWAM/SBU, June 2005)

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T),C(TS). Tribs to this reach/segment are Class C,C(T).