



Owl Kill Watershed (0202000309)

Water Index Number

H-264-20
H-264-20-8
H-264-20-P1121,P1122

Waterbody Segment

Owl Kill and minor tribs (1102-0005)
White Creek, Upper, and tribs (1102-0026)
Lake Lauderdale, Schoolhouse Lake (1102-0011)

Category

NoKnownImpct
UnAssessed
Need Verific

Owl Kill and minor tribs (1102-0005)

NoKnownImpct

Waterbody Location Information

Revised: 07/05/2005

Water Index No: H-264-20
Hydro Unit Code: 02020003/230 **Str Class:** C
Waterbody Type: River
Waterbody Size: 48.7 Miles
Seg Description: entire stream and selected/smaller tribs

Drain Basin: Upper Hudson River
Upper Hudson-Hoosic
Reg/County: 5/Washington Co. (58)
Quad Map: EAGLE BRIDGE (J-27-1)

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:

Further Details

Biological (macroinvertebrate) assessment of Owl Kill in White Creek at Owl Kill Road bridge was conducted in 2001. Sampling results indicated non-impacted water quality conditions. The fauna was diverse, and indicated light nutrient enrichment. Similar conditions were noted in 1993. (DEC/DOW, BWAR/SBU, June 2005)

The waters of the stream are Class C,C(T). Tribs to this reach/segment, including Center White Creek (-3), Mosley Brook (-6), Brownell Hollow Brook (-7), Lower White Creek (-8), Cambridge Creek (-10), Maynard Brook (-12) and McClellan Brook (-13), are Class C,C(T),C(TS). Upper White Creek (-8) is listed separately.

Lake Lauderdale, Schoolhouse Lake (1102-0011)

Need Verific

Waterbody Location Information

Revised: 12/05/2006

Water Index No: H-264-20-P1121,P1122
Hydro Unit Code: 02020003/230 **Str Class:** B
Waterbody Type: Lake
Waterbody Size: 89.6 Acres
Seg Description: total area of both lakes

Drain Basin: Upper Hudson River
Reg/County: 5/Washington Co. (58)
Quad Map: CAMBRIDGE (I-27-4)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Possible
Recreation	Stressed	Possible

Type of Pollutant(s)

Known: ---
Suspected: ALGAL/WEED GROWTH
Possible: NUTRIENTS, Pathogens, Silt/Sediment

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Possible: CONSTRUCTION, Failing On-Site Syst, Urban Runoff

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 1 (Waterbody Nominated, Problem Not Verified)
Lead Agency/Office: ext/WQCC
TMDL/303d Status: n/a ()

Resolution Potential:

Further Details

Recreational uses of the Lake Lauderdale may experience restrictions due to minor impacts/threats to water quality. These impacts/threats are a result of aquatic weed growth and periodic algal blooms.

Submergent weed growth is reported to be most significant in the southern end of the lake. Hypolimnetic anoxia during the summer months and algal blooms that occur during the summer season have also been reported. The lakeshore is heavily developed. Previously agricultural practices have been cited as sources of pollutants, but the last farms in the watershed have recently ceased operation. (Washington County WQCC/SWCD, 2006)

Specific data on the lake is limited and impacts, pollutants and sources need to be verified.