Dwaar Kill and tribs (1306-0052) MinorImpacts

Waterbody Location Information

Revised: 12/20/2007

Water Index No: H-139-13-19- 7
Drain Basin: Lower Hudson River
Hydro Unit Code:
Str Class: B(T)
Waterbody Type: River
Reg/County: 3/Ulster Co. (56)
Waterbody Size: 18.1 Miles
Quad Map: NAPANOCH (O-23-2)
Seg Description: entire stream and tribs

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

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

Type of Pollutant(s)

Known: - - -
Suspected: D.O./OXYGEN DEMAND, NUTRIENTS
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
Resolution Potential: Medium
TMDL/303d Status: n/a

Further Details

Overview

Aquatic life support and recreational uses in Dwaar Kill are thought to experience minor impacts due to nutrient and organic impacts from agricultural nonpoint sources.

Water Quality Sampling

A biological (macroinvertebrate) assessment of Dwaar Kill in Dwaarkill (at Red Mills Road) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. The fauna contained many sewage-tolerant worms, but also contained many mayflies. The sample suggested organic wastes as the source of impacts. Cattle upstream of the site and agricultural nonpoint sources in general were assumed to be the source of the impacts. Although aquatic life is supported in the stream, nutrient biotic evaluation indicates the level of eutrophication is sufficient to stress aquatic life support. (DEC/DOW, BWAM/SBU, June 2005)

Segment Description

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