



Little Salmon River Watershed (0415030702)

Water Index Number

SL(C)-29- 1
 SL(C)-29- 1
 SL(C)-29- 1- 3
 SL(C)-29- 1-P22,P23,P24,P25

Waterbody

Little Salmon R, Lower, and minor tribs (0902-0044)
 Little Salmon R, Upper, and tribs (0902-0072)
 Farrington Brook and tribs (0902-0073)
 Twin Ponds, Little/Big Duck Ponds (0902-0074)

Category

NoKnownImpct
 UnAssessed
 UnAssessed
 UnAssessed

Little Salmon R, Lower, and minor tribs (0902-0044)

NoKnownImpct

Waterbody Location Information

Revised: 12/12/2008

Water Index No: SL(C)-29- 1
Hydro Unit Code: 04150307/020 **Str Class:** B
Waterbody Type: River
Waterbody Size: 73.2 Miles
Seg Description: stream and selected tribs, from mouth to Brushton

Drain Basin: Saint Lawrence River
English/Salmon River
Reg/County: 5/Franklin Co. (17)
Quad Map: BOMBAY (B-22-2)

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: n/a

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of the Little Salmon River at Fort Covington (at Foster Road) was conducted in 2004 during the RIBS Biological Screening effort in the basin. Sampling results indicated slightly impacted water quality conditions. The macroinvertebrate community was dominated by the facultative riffle beetle *Stenelmis crenata*, net spinning caddisflies *Hydropsyche leonardi* and *H. morosa*, and the mayfly genera *Serratella sp.*, and *Stenonema sp.*. The nutrient biotic index indicated mesotrophic conditions for phosphorus. Results of impact source determination identified the community as natural with some non-point source nutrient enrichment. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, November 2008)

Previous Assessment

Previously it was thought that the fishery in the Little Salmon River may be affected by excessive silt, sediment and nutrients resulting from agricultural activity in the watershed. The county reported that near the mouth in Fort Covington the stream was greenish and opaque with high amount of suspended sediment. Insufficient stream buffer areas, access of cattle to the stream, and overland flow from agricultural fields during heavy rain and snowmelt are cited as specific problems. (Franklin Co. WQCC, February 1998)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs from the Canadian border to unnamed trib (-5a) in Brushton. The waters of this portion of the stream are Class B. Tribs to this reach/segment are Class C,C(T). Farrington Brook (-3) and Upper Little Salmon River are listed separately.