

Large river macroinvertebrate collections with artificial substrate samplers, 2005

River: St Croix (SC03) Station: STH 77

Deployment: Date: 06/15/05 Personnel: Wingel Hanson

Retrieval: Date: 072705 Personnel: " "

Lat: 46.01112 Long: 92.44375

Deployment method: streambed snag Nutrient sample date: 07/07

D.O. 6.40 Temp. 20.9 °C Cond 118.4 Turbidity X ntu

Sampler location & deployment notes: Bank: R L. Dist. from bank 9 m

- DS landing @ STH 77 bridge ~ 200 m
- tied to maple ~ 10" dbh, way at top end. Tree is horizontal but alive
- Map
- need to back trailer all way down from parking lot

H₂O level ~ 2' above

Habitat:

Substrate %: boulder ____ . cobble ____ . gravel 80 . sand 80 . silt ____ . clay ____

Snags: no. / 100m 2 . Avg. size 10 dbh. Deciduous . Coniferous

Riparian land use, vegetation, and condition _____

Water depth at sampler location: At deployment 2 m. At retrieval 1 m.

Sampler height above substrate 0? m.

Retrieval notes: ↑ BS - found cut rope. sampler recovered DS
~ 40 m ; in 2m H₂O, setting upright. Should be OK.

STH 77



landing

swag riparian
shrubby/
forested



swag

start of grassy
vegetation