

Non-Wadeable Macroinvertebrate Field Data Report

Station Summary

Waterbody Name TOMAHAWK RIVER		WBIC 1515800	Field Seq no. generated by SWIMS 168075202
SWIMS Station ID 443294	SWIMS Station Name TOMAHAWK RIVER AT SWAMP LAKE RD		
Field Sample ID (retrieval date) 20180831-440	Basin (WMU) UPPER WISCONSIN	Watershed Name MIDDLE TOMAHAWK RIVER	County ONEIDA
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 45.6444323	Longitude -89.7139412	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91

Site Access Details: Public access off Swamp Lake Rd. upstream from canoe access

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) _____
 Number of Plates _____

Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

Suspended River Bed

Snags (no./100m) _____ Avg. size (dbh) _____ Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: _____

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble 30 % Gravel 60 %
 Sand 10 % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/20/2018	8/31/2018	42
Time:	0845	0900	
Personnel:	Wirt, Alan	Wirt, Alan	
Water Depth at Location (m):	1 m	1.3 m	
Sampler Height Above Substrate (m):			
Bank Placement: R L	L	L	
Distance From Bank:	10 m	10 m	
Water Temp (C):	22.3	18.8	
Water Color (clear, turbid, stained):	STAINED	Turbid.	
D.O. (mg/L):	6.6	7.5	
pH:	7.23	7.67	
Conductivity:	76.6	86.2	
Transparency Tube (cm):	98	86	
Turbidity (NTUs):			
Water Velocity (m/s):	.5	.7	