

Benthic Survey Sheet

Mandatory fields in grey must be filled out for processing

Stream Code	Site Code	Sample	Date(yyyy)	(mm)	(dd)
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Stream Name _____ Time(24hr) _____
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NOTE:
 For all measurements,
 right and left banks
 defined facing upstream.

Water Quality

Water Temp(°C) _____ Conductivity(µS/cm) _____ pH _____

DO(mg/L) _____ Alkalinity(mg/L as CaCO3) _____

Substrate
 Enter dominant substrate class and second dominant class for each sub-sample.

Class	Description
1	Clay (hard pan)
2	Silt (floury, <0.06 mm particle diameter)
3	Sand (grainy, 0.06 - 2mm)
4	Gravel (2 - 65 mm)
5	Cobble (65 - 250 mm)
6	Boulder (>250 mm)
7	Bed Rock

Collect. Area 1	Collect. Area 2	Collect. Area 3
Dominant		
2nd Dominant		

Bankfull width(m)	Gear Type
	Poled Seine Ponar
Collection Method	D-Net Ekman
Rapid Survey	Surber Other:
Stationary Kick Survey	MeshSize(microns)
Transect Kick & Sweep	250 600 <i>(Select the box that most closely represents the mesh size used.)</i>
Grab	500 1000

% Canopy Cover	River Characterization	Candidate Reference Site?
0 - 24 50 - 74	Perennial	(i.e. minimally impacted)
25 - 49 75 - 100	Intermittent	Yes
If instrument used, record type	Unknown	No

Comments _____

CrewLeader (initial & last name)

Aquatic Macrophytes & Algae Enter appropriate abundance class for each type and sub-sample.

Macrophytes	Collect. Area 1	Collect. Area 2	Collect. Area 3	Algae	Collect. Area 1	Collect. Area 2	Collect. Area 3
Emergent				Floating Algae			
Rooted Floating				Filamentous			
Submergent				Attached Algae			
Free Floating							

Class	Description
0	Absent
1	Present
2	Abundance

Riparian Vegetation Community
 Only check one box for each bank and zone.

Dominant Vegetation Type

Left Bank					Right Bank									
Riparian Zone	None	Lawn	Crop-land	Mea-dow	Scrub-land	Wet-Forest	lands	None	Lawn	Crop-land	Mea-dow	Scrub-land	Wet-Forest	lands
1.5-10m														
10-30m														
30-100m														

Pool or Riffle (PIR)	Sampling Dist. (m)	Sampling Time (sec)	Max. Depth	Hydraulic Head (mm)	Wetted Width	Grabs/Area
Collection Area 1:						
Collection Area 2:						
Collection Area 3:						

↑ Enter a P or an R to indicate whether the collection was a riffle or pool.

1, 2, or 3 grabs can be collected within each collection area. ↑

Pebble sizes (mm) use sizes from table 2

Crew Names

Recorder Init. Entered Verified Corrected