



Adopt-A-Stream Monitoring Form

Note: Please complete this form in its entirety. All sections are vital.

Site information and location

Date: ___ mo. ___ day ___ yr.

Stream Name:		Amount of Stream Assessed in feet: 100' 300' other:	
Site ID:		If less than 300' list reason:	
Location:			
Survey Start Time:		[] AM [] PM	
Survey End Time:		[] AM [] PM	

Team Coordinator(s):

Name	Phone	E-mail

Volunteers onsite

Name	Phone	E-mail

Nonmembers: Please fill out and return a volunteer application if you wish to join the program.

Initials and Date: _____

Weather (Check)	Sunny []	Partly Cloudy []	Cloudy []	Rain []
Days Since Last Rain (Check)	1 or less []	2 []	3 or More []	Unknown []

Physical/Habitat Data				
Water Temp in celsius	°C	Air Temp in celsius	°C	
Water Color	Clear []	Gray []	Brown []	Black [] Green []
Water Odor (Describe):				
Water Body Type:				
Upstream	Stream []	Lake []	Impound []	Wetland []
Down Stream	Stream []	Lake []	Impound []	Wetland []
Stream Width (ft.)	10 or less []	10 to 25 []	25 to 50 []	Over 50 []
Avg. Stream Depth (ft.)	1 or less []	1 to 3 []	over 3 []	Unknown []
Stream Flow Type pg. 7 procedure	Dry []	Stagnant []	Low []	Medium [] High []

Physical Appearance (Check all that Apply)	Present	Abundant	None
Aquatic Plants	[]	[]	[]
Floating Algae	[]	[]	[]
Filamentous Algae	[]	[]	[]
Bacterial Sheen/Slime	[]	[]	[]
Turbidity	[]	[]	[]
Oil Scheen	[]	[]	[]
Foam	[]	[]	[]
Trash	[]	[]	[]



Substrate Composition (%):		Typical Channel Cross Section Sketch
% Boulders	> 10.1"	
% Cobbles	2.5" to 10.1"	
% Gravel	0.08" to 2.5"	
% Sand	0.08" to 0.0025"	
% Silt/Detritus/Muck	< 0.0025"	
% Artificial/Human	(ie. Concrete)	

River Morphology						
Riffle	Present []	Abundant []	None []			
Pool	Present []	Abundant []	None []			
Designated Drain	Yes []	No []	Don't Know []			
Highest Water Mark (ft.)	< 1 []	1 to 3 []	3 to 5 []	5 to 10 []	> 10 []	Unknown []

Notes:

CHANNEL:

Natural [] Recovering [] Maintained []

IV. EMBEDDEDNESS

Embeddedness is the degree to which rocks and snags are covered or sunken into silt, sand, or mud in the stream/river bottom. Check the category that best describes the bottom of your water body.

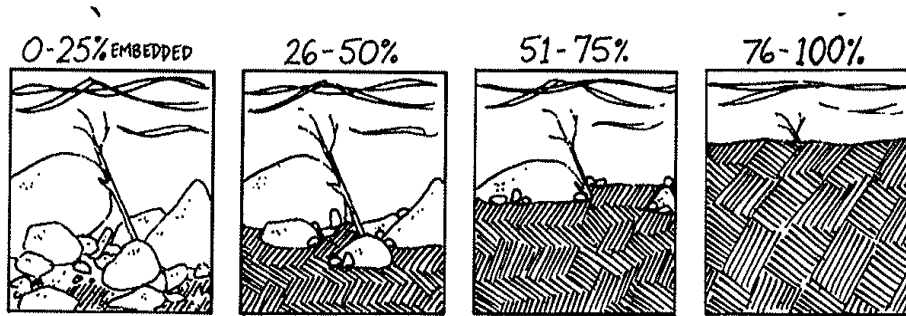
Circle One

0 - 25%

26 - 50%

51 - 75%

76 - 100%



STREAM CORRIDOR:

Riparian Vegetation Width (ft) (Left Bank)	facing down-stream from most upstream point	<10 []	10 to 30 []	30 to 100 []	>100 []
Riparian Vegetation Width (ft) (Right Bank)	facing down-stream from most upstream point	<10 []	10 to 30 []	30 to 100 []	>100 []
Bank Erosion		None []	Low []	Medium []	High []
Streamside Land Cover		[] Bare (no or almost no plants)	[] Non-woody Plants (grasses, flowers, ferns)	[] Shrubs (woody plants <15ft tall)	[] Trees (woody plants 15 ft or taller)
Stream Canopy			< 25% []	25 to 50% []	> 50% []

In-Stream Cover:

Undercut Banks	[]	Boulders	[]
Overhanging Vegetation	[]	Aquatic Plants	[]
Deep pools	[]	Logs or Woody Debris	[]

Notes:

Blank space for notes.

ADJACENT LAND USE: (check all that apply) (Approx. 500 ft either side of water body looking upstream)	Left Bank	Right Bank	None
Wetland	[]	[]	[]
Shrub or Old Field	[]	[]	[]
Forest	[]	[]	[]
Pasture	[]	[]	[]
Crop Residue	[]	[]	[]
Rowcrop	[]	[]	[]
Residential Lawns, Parks	[]	[]	[]
Impervious Surfaces	[]	[]	[]
Disturbed Ground	[]	[]	[]
No Vegetation	[]	[]	[]

POTENTIAL SOURCES OF WATER CONCERNS

Look at the way land is used near your site. Which of these land uses might be a potential source of pollution for your stream/river/drain? Think about how pollution might travel from each land use source to the water then rank each source on the severity of impact it might have on water quality at your site. Use your best judgment; remember this is designed to provide general information on land use over time (none = no impact/not present).

POTENTIAL SOURCES	None	Slight	Moderate	High
Crop Related Sources	[]	[]	[]	[]
Grazing Related Sources	[]	[]	[]	[]
Intensive Animal Feeding Operation	[]	[]	[]	[]
Transportation Runoff (i.e. highways, bridges)	[]	[]	[]	[]
Channelization	[]	[]	[]	[]
Dredging	[]	[]	[]	[]
Removal of Streamside Vegetation	[]	[]	[]	[]
Bank & Shoreline Erosion/Changes/Destruction	[]	[]	[]	[]
Human Regulation/Modification of Water Flow	[]	[]	[]	[]
Upstream Impoundment	[]	[]	[]	[]
Construction: Highway/Road/Bridge	[]	[]	[]	[]
Construction: Land Development	[]	[]	[]	[]
Urban Runoff (incl. residential runoff, geese/ wildlife)	[]	[]	[]	[]
Land Disposal	[]	[]	[]	[]
On-site Wastewater Systems	[]	[]	[]	[]
Forestry	[]	[]	[]	[]
Resource Extraction (mining, etc.)	[]	[]	[]	[]

Notes:

Team Coordinator should complete the Count and Code columns. Use letter codes R (rare) =1-10; C (common) =11+ to record the approximate numbers of organisms in each group found in the stream reach. *Do not count dead organisms, empty shells, pupae, or terrestrial organisms. Do not collect crayfish or clams.

Start Time: _____
 End Time: _____
 Number of Team Members collecting in the water: _____

GROUP 1: Sensitive				
Organism		Tally	Count	Code
Caddisfly larvae (Except Net-spinners)	Trichoptera			
Watersnipe	Diptera			
Gilled Snails	Gastropoda			
Hellgrammites (Dobsonflies)	Megaloptera			
Mayfly Nymphs	Ephemeroptera			
Stonefly Nymphs	Plecoptera			
Water Penny	Coleoptera			

Macroinvertebrate Sampled	Habitats
Check All that Apply	
<input type="checkbox"/> Riffle	
<input type="checkbox"/> Cobbles	
<input type="checkbox"/> Aquatic Plants	
<input type="checkbox"/> Runs	
<input type="checkbox"/> Pools	
<input type="checkbox"/> Stream Margins	
<input type="checkbox"/> Leaf Packs	
<input type="checkbox"/> Undercut Banks/ Overhanging Vegetation	
<input type="checkbox"/> Submerged Wood	
List Wildlife Seen: ex: frogs, toads, birds	

GROUP 2: Somewhat-Sensitive				
Organism		Tally	Count	Code
Caddisfly Larvae (Net-Spinners)	Trichoptera			
Alderfly Larvae	Megaloptera			
Beetle Larvae	Coleoptera			
Beetle Adults	Coleoptera			
Blackfly larvae	Diptera			
Clams	Pelecypoda			
Crane-fly Larvae	Diptera			
Crayfish	Decapoda			
Dragonfly Nymph	Odonata			
Damselfly Nymph	Odonata			
Sowbugs	Isopoda			
Scud	Amphipoda			

Unknown

1: Count [] Description:

2: Count [] Description:

3: Count [] Description:

GROUP 3: Tolerant				
Organism		Tally	Count	Code
Aquatic Worms	Oligochaeta			
Leeches	Hirudinea			
Midge Larvae	Chironomidae			
Lunged Snail (Pouch Snail, Orb Snail)	Gastropoda			
Other Diptera (True Flies, Horsefly)	Diptera			
True Bugs (Giant Water Bug, Water Strider)	Hemiptera			



Thanks for Helping the River Watershed! Clinton

Please use the comment section on page 5 for notes.