

WATERSHED ASSESSMENT BENTHIC MACROINVERTEBRATE COLLECTION FIELD DATA SHEET

STREAM NAME:				MON LOC ID:			
WA SITE ID:			DATE:			GPS ERROR (+/-) ft:	
LATITUDE (DD):				LONGITUDE (DD):			
START TIME:			END TIME:			TIME ZONE: EST EDT	
INVESTIGATORS:							
FIELD COLLECTOR:				FIELD PROCESSOR:			
SAMPLE TYPE: Targeted		PROJECT: Watershed Assessment			ACTIVITY TYPE: Routine Replicate		
WATER APPEARANCE:		Blackwater		Clearwater		Unsure	
						Unsure/Black Unsure/Clear	
TIDAL CYCLE:		1/4 ebb 1/2 ebb 3/4 ebb		Low Tide		1/4 flood 1/2 flood 3/4 flood	
						High Tide N/A	
GRADIENT:		High Gradient		Low Gradient		REALLOCATED: Yes No	
FORM COMPLETED BY:		PROJECT/REASON FOR SURVEY:					

HABITAT TYPES <i>(Adds up to 100%)</i>	Indicate the percentage of each habitat type present: Riffles _____% Snags _____% Banks/ root mats _____% Leaf packs _____% Soft/Sandy sediment _____% Submerged Macrophytes _____% Other (_____) _____%
SAMPLE COLLECTION	Gear used: D-frame, 500 µm net How were the samples collected? Wading Indicate the number of jabs/kicks taken in each habitat type: Riffles (fast) _____ Riffles (slow) _____ Snags _____ Banks/ root mats _____ Soft/Sandy sediment _____ Leaf packs _____ Submerged Macrophytes (when present, up to 3 jabs) _____ Other (_____) _____ Total # of Jabs: _____ # of Jabs Reallocated (if any): _____ Total # of Bottles collected: _____
GENERAL COMMENTS	
PHOTOS (If any taken)	

ESTIMATED ABUNDANCE / QUALITATIVE LISTING OF AQUATIC BIOTA													
<i>Indicate estimated abundance:</i>	0 = Absent/Not Observed					1 = Rare	2 = Common	3 = Abundant	4 = Dominant				
Periphyton	0	1	2	3	4	Slimes			0	1	2	3	4
Filamentous Algae	0	1	2	3	4	Macroinvertebrates			0	1	2	3	4
Macrophytes	0	1	2	3	4	Fish			0	1	2	3	4

ESTIMATED ABUNDANCE / FIELD OBSERVATIONS OF MACROBENTHOS																	
<i>Indicate estimated abundance:</i>																	
0 = Absent/Not Observed					1 = Rare (1-3 organisms)					2 = Common (3-9 organisms)							
3= Abundant (>10 organisms)					4 = Dominant (>50 organisms)												
Porifera	0	1	2	3	4	Anisoptera(Dra)	0	1	2	3	4	Trichoptera	0	1	2	3	4
Hydrozoa	0	1	2	3	4	Zygoptera	0	1	2	3	4	Ephemeroptera	0	1	2	3	4
Platyhelminthes	0	1	2	3	4	Hemiptera	0	1	2	3	4	Plecoptera	0	1	2	3	4
Turbellaria	0	1	2	3	4	Coleoptera	0	1	2	3	4	Megaloptera	0	1	2	3	4
Hirudinea	0	1	2	3	4	Lepidoptera	0	1	2	3	4	Sialidae	0	1	2	3	4
Oligochaeta	0	1	2	3	4	Tipulidae	0	1	2	3	4	Corydalidae	0	1	2	3	4
Isopoda	0	1	2	3	4	Empididae	0	1	2	3	4	Other	0	1	2	3	4
Amphipoda	0	1	2	3	4	Simuliidae	0	1	2	3	4						
Decapoda	0	1	2	3	4	Tabanidae	0	1	2	3	4						
Gastropoda	0	1	2	3	4	Culicidae	0	1	2	3	4						
Bivalvia	0	1	2	3	4	Chironomidae	0	1	2	3	4						