

# BENTHIC MACROINVERTEBRATE COLLECTION FIELD DATA SHEET

<b>STREAM NAME:</b>				<b>MON LOC ID:</b>			
<b>BIO SITE ID:</b>		<b>DATE:</b>		<b>GPS ERROR (+/-) ft:</b>			
<b>LATITUDE (DD):</b>			<b>LONGITUDE (DD):</b>				
<b>START TIME:</b>		<b>END TIME:</b>		<b>TIME ZONE:</b> EST EDT			
<b>INVESTIGATORS:</b>							
<b>FIELD COLLECTOR:</b>				<b>FIELD PROCESSOR:</b>			
<b>EPD OFFICE:</b> WP1–Atlanta		WP2–Brunswick		WP3–Cartersville		WP4–Tifton	
<b>SAMPLE TYPE:</b> Targeted		Probabilistic		<b>ACTIVITY TYPE:</b> Routine		Replicate	
<b>WATER APPEARANCE:</b> Blackwater		Clearwater		Unsure		Unsure/Black Unsure/Clear	
<b>TIDAL CYCLE:</b> 1/4 ebb		1/2 ebb		3/4 ebb Low Tide		1/4 flood 1/2 flood 3/4 flood High Tide N/A	
<b>GRADIENT:</b> High Gradient		Low Gradient		<b>REALLOCATED:</b> Yes		No	
<b>FORM COMPLETED BY:</b>		<b>PROJECT/REASON FOR SURVEY:</b>					

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

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			