

BIOLOGICAL STREAM RECONNAISSANCE FORM (FRONT)

STREAM NAME:					MON LOC ID:				
BIO SITE ID:			DATE:			FIELD SEASON:			
COUNTY:		SUBECOREGION:			NEAREST CITY:				
LATITUDE (DD):			LONGITUDE (DD):				GPS ERROR (+/-) ft:		
START TIME:			END TIME:			TIME ZONE: EST EDT			
INVESTIGATORS:									
PROJECT:		WP1–Atlanta		WP2–Brunswick		WP3–Cartersville		WP4–Tifton	
WATER APPEARANCE: Blackwater Clearwater Unsure Unsure/Black Unsure/Clear						SAMPLING TYPE: Targeted Probabilistic			
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
FORM COMPLETED BY:			PROJECT/REASON FOR SURVEY:						
STREAM INFORMATION: (Circle Items from List)									
STREAM CONDITION: Impacted Least Impacted Not Yet Determined Possibly Impacted Potential Least Impacted									
STREAM ANALYSIS: Nutrients 319 Projects Metric Refinement Continual Monitoring/ Trend Routine QA/QC Monitoring Other: _____									
STREAM ACCESSIBILITY/STREAM RECONNAISSANCE RESULTS: (Circle Items from List)									
ASSESSMENT TYPE: Looking Over Bridge Standing By Creek Standing In Creek Other: _____									
NEAREST ROAD CROSSING:									
ENTER STREAM AT: Road/Bridge Crossings Through Woods Other: _____									
CAN YOU DRIVE TO BRIDGE CROSSING?: Yes No				IF NO, ESTIMATE DISTANCE TO BRIDGE TO CROSSING: ____ ft					
CAN YOU DRIVE UP TO THE STREAM?: Yes No				IF NO, ESTIMATE DISTANCE TO STREAM: _____ ft					
IMPASSABLE BOUNDARIES TO CROSS?: Yes No				USABLE TRAIL TO ACCESS STREAM?: Yes No					
TRAIL HACKED TO STREAM SITE?: Yes No				PROPERTY BOUNDARIES OR FENCES TO CROSS?: Yes No					
TYPE OF BOUNDARIES TO CROSS (if applicable): Barbed Wire Fence Chain Link Fence Gate Livestock Fence Property Line Wooden Fence									
HAS STREAM REACH BEEN FLAGGED: Yes No				PERMISSION TO ACCESS PRIVATE LAND?: Yes No					
IS ACCESS ON PRIVATE PROPERTY OR PUBLIC PROPERTY?: Private Public									
If private property please give names, numbers, and logistics. If public, indicate public property type; <i>i.e.</i> state park, sewer line right away, wildlife management area, etc.									
Point of Assessment/Access Comments:									
CONDITION OF THE NEAREST ROAD TO STREAM SITE?: Dirt Road Gravel Road Paved Road Rough/ Unmaintained									
IS 4-WD REQUIRED?: Yes No			STREAM WADEABLE? (For Biological Sampling): Yes No						
Driving Directions:									
Directions to Sample Reach:									
HABITAT TYPE (Should add up to 100%)									
BANKS/ROOT MATS: ____%			LEAF PACKS: ____%			RIFFLES: ____%			
SNAGS: ____%			SOFT/SANDY SEDIMENT: ____%			SUBMERGED MACROPHYTES: ____%			
OTHER (_____): ____%			OTHER (_____): ____%						
PHOTOS TAKEN?: Yes No						Camera:			
Photo Descriptions (US, LB, RB, DS, other):									

BIOLOGICAL STREAM RECONNAISSANCE FORM (BACK)

STREAM AND PHYSICAL CHARACTERIZATION (Circle Items from List)

CHANNEL FLOW STATUS (water reaches base of both lower banks):		Minimal Exposure	> 75%	25 – 75%	< 25%		
DAM PRESENT?:	Yes	No	DAM LOCATION?:	Upstream	Downstream	In Reach	
BEAVER DAM PRESENT IN STREAM?:	Yes	No	DAM TYPE:	Artificial	Beaver	Natural	Other: _____
TWO OR MORE STREAMS CONVERGE UPSTREAM:			Yes	No			
IS THE VEGETATION DOMINATED BY TANNIC SPECIES (i.e. cypress, tupelo, magnolia, & oak)?:			Yes	No			
IS SAND WHITE?:	Yes	No	N/A	STREAM TYPE:	Coldwater	Warmwater	
STREAM SUBSYSTEM:	Ephemeral	Intermittent	Perennial	Tidal	Unsure/Unknown		
SALINE TYPE:	Brackish	Fresh	Saline	Unsure			
STREAM ORIGIN:	Mixed Origin	Spring Fed	Swamp or Bog	Unsure/Unknown	Other: _____		
DOMINANT SUBSTRATE(S):	Bedrock Concrete	Boulders Fines	Cement Gravel	Clay Hardpan	Cobble Sand	Boulders/RipRap Silt	Other: _____
WATER LEVEL/FLOW:	Normal Drought Impact Normal, but no Velocity	Flood	Above Normal	Dry	Low Disconnected stagnant pools/puddles without measurable flow Flowing but with some reaches beneath substrate		
STREAM CHANNELIZED?:	Yes	No	RECENT RESTORATION CONDUCTED (within last 10 years):		Yes	No	
AVG. STREAM DEPTH (FT): _____	AVG. STREAM WIDTH (FT): _____						

WEATHER CONDITIONS (Circle Items from List)

WEATHER CONDITION NOW:	_____ % Cloud Cover	Clear (0% cloud cover)	Steady Rain		
	Intermittent Showers	Storm (heavy rain)	Snow		
			Sunny		
WEATHER CONDITION PAST 24 HOURS:	_____ % Cloud Cover	Clear (0% cloud cover)	Steady Rain		
	Intermittent Showers	Storm (heavy rain)	Snow		
			Sunny		
HEAVY RAIN IN LAST 7 DAYS?	Yes	No	HEAVY RAIN IN LAST 24 HOURS?	Yes	No

LAND USE IN CATCHMENT AREA (Circle All that Apply from List)

Agricultural (Unspecified)	Agricultural and Mining	Agriculture Row Crops (Unspecified)	Clear-cut forest (<10 years harvest)
Commercial	Cropland	Forest (Unspecified)	Forest Fire
Heavy Grazing Pressure (trampled)	Industrial	Light Grazing Pressure (cow pies/not trampled)	Livestock
Mature Timber (>40 years harvest)	Mining	Old Growth Forest	Pasture (Unspecified)
Planted Pine (Silviculture)	Residential	Second Growth Forest (10-40 years harvest)	Rural Residential
Urban	Wetland	Selective Cut (partial removal of large trees)	Other: _____
Other: _____	Other: _____	Other: _____	Other: _____

POSSIBLE SOURCES OF IMPACTS AND NEW IMPACTS (Circle Items from List)

EXCESSIVE ALGAE PRESENT:	Yes	No	INSTREAM IMPACT VISIBLE?:	Yes	No
Circle all Possible Sources of Impact In Stream Reach:			Other: _____		
Agricultural runoff	Beaver Activity	Construction	Dam	Ford in Stream	Illegal Discharge
Land Application System	Landfill	Livestock	Logging	Permitted Discharge	Runoff from Road Crossing
Land Disturbing Activity	Silviculture	Soil Erosion	Storm water	Stream Alteration	Urban/Suburban

EXPLAIN POTENTIAL IMPACTS FOR BIOLOGICAL TMDLS:

New Impacts Within Last 1 or 2 Years?:		Other/Comments: _____			
SILVICULTURAL?:	Yes	No	CLEAR CUTTING?:	Yes	No
		CONSTRUCTION?:	Yes	No	

COMMENTS: