

Biological *In situ* and Grab Sample Water Chemistry Field Sheet (Front)

STREAM NAME:		MON LOC ID:	
BIO SITE ID:	DATE:	GPS ERROR (+/-) ft:	
LATITUDE (DD):		LONGITUDE (DD):	
START TIME:	END TIME:	TIME ZONE: EST or EDT	
INVESTIGATORS:			
FIELD MEASURER/COLLECTOR:		FIELD RECORDER:	
EPD OFFICE:	WP1–Atlanta	WP2–Brunswick	WP3–Cartersville WP4–Tifton
SAMPLE TYPE:	Targeted Probabilistic	ACTIVITY TYPE:	Field Measurement/Observation Field Replicate Msr/Obs
COMPOSITE TYPE:	Horizontal Single	Horizontal Multi	None (Grab)
PROJECT/REASON FOR SURVEY:			

<i>In-situ</i> Field Chemistry Data	
Water Temperature:	° C
Air Temperature:	° C
Specific Conductance:	(µmhos/cm)
Dissolved Oxygen (mg/L):	
pH:	
Turbidity:	NTU

Model of Sonde:	
Serial # of Unit:	
Salinity:	PPB
Dissolved Oxygen:	%
Battery Volts:	
Turbidity Instrument #:	

<i>In- situ</i> Handheld Fluorometer Measurements	
Benthic Chlorophyll <i>a</i> Bottle #:	Notes:
<i>In Vivo Reading (ppb):</i> (Water Column Chlorophyll <i>a</i>)	<i>Diatom Sample Reading (ppb):</i> (Benthic Chlorophyll <i>a</i>)

Grab Water Quality Filtering				
Parameter	Time Frozen:	Filtered By:	# of Filters:	Volume filtered (ml):
Chlorophyll <i>a</i>				

STREAM CHARACTERIZATION (Circle All that Apply)									
SALINE TYPE:	Brackish	Fresh	Saline	Unsure					
WATER APPEARANCE:	Blackwater	Clearwater	Unsure	Unsure/Black	Unsure/Clear				
STREAM ORIGIN:	Mixture of Origins	Spring Fed	Swamp/Bog	Unsure/Unknown	Other_____				
WATER CLARITY:	Clear	Slightly Turbid	Turbid	Stained	Opaque	Other_____			
STREAM SUBSYSTEM:	Ephemeral	Intermittent	Perennial	Tidal	Unsure/Unknown				
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
STREAM TYPE:	Coldwater	Warmwater							
WATER COLOR:	Clear	Foamy (natural or pollution)	Green (algal coloration evident)	Other_____					
	Tannic (Tea-colored)	Muddy (cloudy brown)	Milky (cloudy white or gray)	Other_____					
DOMINANT SUBSTRATE(S):	Bedrock	Boulders	Cement	Clay	Cobble	Boulders/RipRap			
	Concrete	Fines	Gravel	Hardpan	Sand	Silt	Other_____		

VISUAL CONDITIONS (Circle Items from List)			
WATER LEVEL/FLOW:	Normal	Above Normal	Normal, but no Velocity
	Low	Flood	Drought Impact
WEATHER PAST 24 HOURS (circle and fill in all that apply):	_____ % Cloud Cover	Clear (0% cloud cover)/Sunny	Rain (Steady Rain)
	Showers (intermittent)	Storm (heavy rain)	Snow
	Unsure (past)		
WEATHER NOW (circle and fill in all that apply):	_____ % Cloud Cover	Clear (0% cloud cover) /Sunny	Rain (Steady Rain)
	Showers (intermittent)	Storm (heavy rain)	Snow

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Grab Water Quality Chemistry Samples Collected		
Parameter (Circle All that Apply)		
Total Suspended Solids	Metal Blank	Chlorophyll <i>a</i>
Alkalinity	TKN	Benthic Chlorophyll <i>a</i>
Total Hardness	Ammonia	Ortho-Phosphorus
Metals	Nitrate-Nitrite	Total Phosphorus
E. Coli	Chemical Oxygen Demand	Fecal
Total Organic Carbon	Biological Oxygen Demand	Others:_____

Grab Sample and <i>In-Situ</i> Water Quality Chain - of - Custody	
Sampled by (signature):	Date/Time:
Team Leader/Received (signature):	Date/Time:

[illegible]