

WATERSHED ASSESSMENT MACROINVERTEBRATE STREAM RECONNAISSANCE FORM (FRONT)												
STREAM NAME:					LOCATION DESCRIPTION:							
WA SITE ID:			COUNTY:			SUBECOREGION:			NEAREST CITY:			
LATITUDE (DD):			LONGITUDE (DD):				GPS ERROR (+/-) ft:					
DATE:		START TIME:			END TIME:			TIME ZONE:		EST	EDT	
INVESTIGATORS:												
PROJECT: Watershed Assessment				SAMPLING DESIGN: Targeted			ACTIVITY TYPE: Field Measurement/Observation					
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		
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	N/A	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/WOODY DEBRIS:			_____ %	SOFT/SANDY SEDIMENT:			_____ %	SUBMERGED MACROPHYTES:			_____ %	
OTHER (_____):			_____ %	OTHER (_____):			_____ %					
PHOTOS TAKEN?:					Yes		No		Camera:			
Photo Descriptions (US, LB, RB, DS, other):												

WATERSHED ASSESSMENT MACROINVERTEBRATE 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	Boulders	Cement	Clay	Cobble	Boulders/RipRap				
		Concrete	Fines	Gravel	Hardpan	Sand	Silt	Other: _____			
WATER LEVEL/FLOW:		Normal		Flood	Above Normal		Dry		Low		
		Drought Impact		Disconnected stagnant pools/puddles without measurable flow							
		Normal, but no Velocity		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)/Sunny		Rain (Steady Rain)			
				Showers (intermittent)		Storm (heavy rain)		Snow			
WEATHER CONDITION PAST 24 HOURS:				_____ % Cloud Cover		Clear (0% cloud cover)/Sunny		Rain (Steady Rain)			
				Showers (intermittent)		Storm (heavy rain)		Snow Unsure			
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:											