PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET (FRONT)

STREAM NAME	LOCATION		
STATION # RIVERMILE	STREAM CLASS		
LAT LONG	RIVER BASIN		
STORET #	AGENCY		
INVESTIGATORS			
FORM COMPLETED BY	DATE TIME AM PM	REASON FOR SURVEY	

WEATHER CONDITIONS	□ rain (ste □ showers (i %□ %clou	eavy rain) eady rain) intermittent) id cover :/sunny	Past 24 hours % %	Has there been a heavy rain in the last 7 days? Yes No Air Temperature0 C Other	
SITE LOCATION/MAP	Draw a map of the site and indicate the areas sampled (or attach a photograph)				
STREAM	Stream Subsystem			Stream Type	
CHARACTERIZATION	Stream Origin	nittent 🗅 Tid		Stream Type Coldwater Warmwater Catchment Areakm ²	
	Glacial Glacial Montane ☐ Non-glacial montane ☐ Swamp and bog	□ Spring-fee □ Mixture o □ Other	d of origins		

PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET (BACK)

WATERSHED FEATURES RIPARIAN VEGETATION (18 meter buffer)	Predominant Surrounding Landuse Forest Commercial Field/Pasture Industrial Agricultural Other Residential Industrial Industrial Other Indicate the dominant type and record the dominant types Industrial Indicate the dominant type and record the dominant species present Industrial			
INSTREAM FEATURES	Estimated Reach Length m Estimated Stream Width m Sampling Reach Area m² Area in km² (m²x1000) km² Estimated Stream Depth m Surface Velocity m/sec (at thalweg)	Canopy Cover Partly open Partly shaded Shaded High Water Mark Proportion of Reach Represented by Stream Morphology Types Riffle No Pool Yes No Dam Present Yes No		
LARGE WOODY DEBRIS AQUATIC VEGETATION	LWDm² Density of LWDm²/km² (LWD/ reach area) Indicate the dominant type and record the dominant species present Rooted emergent Rooted submergent Rooted floating Free floating dominant species present Protion of the reach with aquatic vegetation%			
WATER QUALITY	Temperature ⁰ C Specific Conductance Dissolved Oxygen pH Turbidity WQ Instrument Used	Water Odors Normal/None Sewage Petroleum Chemical Fishy Other Water Surface Oils Globs Slick Sheen None Other Turbidity (if not measured) Turbid Clear Slightly turbid Turbid Opaque Stained Other		
SEDIMENT/ SUBSTRATE	Odors Petroleum Normal Sewage Petroleum Chemical Anaerobic None Other Oils Absent Slight Moderate Profuse	Deposits Sludge Sawdust Relict shells Other Looking at stones which are not deeply embedded, are the undersides black in color? Yes No		

INORGANIC SUBSTRATE COMPONENTS (should add up to 100%)		ORGANIC SUBSTRATE COMPONENTS (does not necessarily add up to 100%)			
Substrate Type	Diameter	% Composition in Sampling Reach	Substrate Type	Characteristic	% Composition in Sampling Area
Bedrock			Detritus	sticks, wood, coarse plant materials (CPOM)	
Boulder	> 256 mm (10")				
Cobble	64-256 mm (2.5"-10")		Muck-Mud	black, very fine organic (FPOM)	
Gravel	2-64 mm (0.1"-2.5")				
Sand	0.06-2mm (gritty)		Marl	grey, shell fragments	
Silt	0.004-0.06 mm				
Clay	< 0.004 mm (slick)				