

DEP-SOP-001/01: Form FD 9000-3 (December 11, 2001)
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD SHEET

SUBMITTING AGENCY CODE: _____ SUBMITTING AGENCY NAME: _____		STORET STATION NUMBER: _____	DATE (M/D/Y): _____	TIME _____	RECEIVING BODY OF WATER: _____
REMARKS: _____	COUNTY: _____	LOCATION: _____		FIELD ID/NAME: _____	

RIPARIAN ZONE/STREAM FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category):							
FOREST/NATURAL	SILVICULTURE	FIELD/PASTURE	AGRICULTURAL	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER (SPECIFY)
LOCAL WATERSHED EROSION (check box): None ☐ Slight ☐ Moderate ☐ Heavy ☐							
LOCAL WATERSHED NPS POLLUTION (check box): No evidence ☐ Slight ☐ Moderate potential ☐ Obvious sources ☐							
WIDTH OF RIPARIAN VEGETATION (m) On least buffered side:		LIST & MAP DOMINANT VEGETATION ON BACK		TYPICAL WIDTH (M) DEPTH (M)/VELOCITY (M/SEC) TRANSECT			
ARTIFICIALLY CHANNELIZED ☐ no ☐ recent, ☐ severe some recovery mostly recovered				m wide m/s m/s m/s			
ARTIFICIALLY IMPOUNDED ☐ yes more sinuous							
HIGH WATER MARK + =				m deep m deep m deep			
(m above present water level) (present depth in m) (m above bed)							
CANOPY COVER % : OPEN: ☐ LIGHTLY SHADED (11-45%): ☐ MODERATELY SHADED (46-80%): ☐ HEAVILY SHADED: ☐							

SEDIMENT/SUBSTRATE

SEDIMENT ODORS: NORMAL: ☐ SEWAGE: ☐ PETROLEUM: ☐ CHEMICAL: ☐ ANAEROBIC: ☐ OTHER: ☐ _____																	
SEDIMENT OILS: ABSENT: ☐ SLIGHT: ☐ MODERATE: ☐ PROFUSE: ☐																	
SEDIMENT DEPOSITION: SLUDGE: ☐ SAND SMOTHERING: NONE SLIGHT MODERATE SEVERE SILT SMOTHERING: NONE SLIGHT MODERATE SEVERE OTHER: _____																	
SUBSTRATE TYPE		% COVERAGE		# TIMES SAMPLED		METHOD		SUBSTRATE TYPES		% COVERAGE		# TIMES SAMPLED		METHOD			
WOODY DEBRIS (SNAGS)								SAND									
LEAF PACKS OF MATS								MUD/MUCK/SILT									
AQUATIC VEGETATION								OTHER:									
ROCK OR SHELL RUBBLE								OTHER:									
UNDERCUT BANKS/ROOTS								DRAW AERIAL VIEW SKETCH OF HABITATS FOUND IN 100 M SECTION									
WATER QUALITY		DEPTH (M):		TEMP. (°C):		PH (SU):		D.O. (MG/L):		COND. (UMHO/CM) OR SALINITY (PPT):						SECCHI (M):	
TOP																	
MID-DEPTH																	
BOTTOM																	
SYSTEM TYPE: STREAM: 1 ST -2 ND ORDER 5 TH - 6 TH ORDER 3 RD -4 TH ORDER 7 TH ORDER OR GREATER LAKE: ☐ WETLAND: ☐ ESTUARY: ☐ OTHER: ☐ _____																	
WATER ODORS (CHECK BOX): NORMAL: ☐ SEWAGE: ☐ PETROLEUM: ☐ CHEMICAL: ☐ OTHER: ☐ _____																	
WATER SURFACE OILS (CHECK BOX): NONE: ☐ SHEEN: ☐ GLOBS: ☐ SLICK: ☐																	
CLARITY (CHECK BOX): CLEAR: ☐ SLIGHTLY TURBID: ☐ TURBID: ☐ OPAQUE: ☐																	
COLOR (CHECK BOX): TANNIC: ☐ GREEN (ALGAE): ☐ CLEAR: ☐ OTHER: ☐ _____																	
WEATHER CONDITIONS/NOTES:								ABUNDANCE: ABSENT RARE COMMON ABUNDANT									
								PERIPHYTON ☐ ☐ ☐ ☐									
								FISH ☐ ☐ ☐ ☐									
								AQUATIC MACROPHYTES ☐ ☐ ☐ ☐									
								IRON/SULFUR BACTERIA ☐ ☐ ☐ ☐									
SAMPLING TEAM:								SIGNATURE: _____									
								DATE: _____									