

DEP-SCP-001/01: Form FD 9000-3 (9/19/12)
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD SHEET

SAMPLE ID _____ ORG # _____ LATITUDE 30.10073
 COUNTY _____ STORET # _____ LONGITUDE -85.18208
 DATE 3/5/18 TIME 11:45 EST SAMPLING AGENCY _____
 SITE NAME Control Site
 FIELD ID/NAME NWEYI0020 RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

PREDOMINANT LAND-USE IN WATERSHED (select relative percent in each category):
 Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agriculture ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify): _____
 Landscape Development Intensity Index (LDI): _____

Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☐ Heavy
 Typical Width (m) _____ Depth (m) _____ Velocity (m/sec) _____ Transsect _____
 Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☐ Heavy
 Width of Riparian Vegetation (m) on Each Buffer Side: _____
 Left Bank: _____ Right Bank: _____
 Hydrologic Modification Score (per F1.213) _____
 High Water Mark: _____ + _____ = _____
 Artificially Impounded: ☐ Yes ☒ No
 Artificially Channelized: ☐ No ☐ Mostly covered, more sinuous ☐ Heavily Shaded (<145%)
 Canopy Cover % ☒ Open ☐ Lightly Shaded (145-32%)
 Channelized: ☐ Some recovery ☐ Recent, severe ☐ Heavily Shaded (32-65%)

SEDIMENT / SUBSTRATE

Sediment Odors
☐ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Anaerobic
☐ Other (Specify): _____

Smothering of Substrates
 Sand Smothering: None ☐ Slight ☐ Moderate ☐ Severe ☐
 Silt Smothering: None ☐ Slight ☐ Moderate ☐ Severe ☐
 Algae Smothering: None ☐ Slight ☐ Moderate ☐ Severe ☐

SUBSTRATE TYPE
 Assessment Tool: ☐ SCI ☐ RFS ☐ LVS
☐ LCI ☐ BioRecon
 % Coverage: _____ Invert # Times Sampled: _____ PCR # Times Samples: _____
 Woody Debris (Briars): _____
 Undercut Banks / Pools: _____
 Leaf Packs or Mats: _____
 Aquatic Vegetation: _____
 Rock or Shell Rubble: _____
 Sand: _____
 Mud / Muck / Silt: _____
 Other: _____
 Other: _____

WATER QUALITY
 Diss. (M) _____ Temp (°C) 17.96 pH (SU) 7.29 DO (MGL) 7.18 DO (%) 84.1 Conductivity (µmhos/cm) 172 Turbidity (NTU) 0.07 Secchi (M) _____
 Top: _____ Mid: _____ Bottom: _____
 Meter ID: _____

Water Odors Normal ☐ Petroleum ☐
 Sewage ☐ Chemical ☐ Other ☐

Water-Sample Taken? Yes ☐ No ☐
Sample Preserved? Yes ☐ No ☐
 Lot Number: _____ Exp: _____

Algae Sample Taken? Yes ☐ No ☐
Sample Preserved? Yes ☐ No ☐
 Lot Number: _____ Exp: _____

Water Surface Oils Normal ☐ Sheen ☐
 Globes ☐ Stick ☐ Other ☐
 Color Tannic ☐ Green (Algae) ☐
 Clear ☐ Other (Specify) ☐

Clarity Clear ☐ Slightly turbid ☐
 Turbid ☐ Opaque ☐

System Type: Stream ☐ Lake ☐ Wetland ☐ Estuary ☐ Other (Specify) ☐

WEATHER CONDITIONS / NOTES:
☐ The associated hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM

Rachael Drogen & Todd Risk

SIGNATURE

Rachael Drogen

DATE

3/5/18