

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

SA Location: Pond Creek
 CO @ CR 393
 DA RQ-2016-02-01-57(WBID 35)
 SIT Date: 3/14/16
 FIE Time: 1300 CST

G4NW0195 95
 Field ID ↑
 STORET ↓
 33040046

LATITUDE 36.89808
 LONGITUDE -86.34795
 SAMPLING AGENCY FL DEP - NW RDC

RECEIVING BODY OF WATER

RIPARIAN ZONE / STREAM FEATURES SB10 ID 75818

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category): Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify) ☐							Landscape Development Intensity Index (LDI) ☐
Local Watershed Erosion (select one): ☐ None ☐ Slight ☒ Moderate ☐ Heavy Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☒ Moderate ☐ Heavy							Typical Width (m) Depth (m)/Velocity (m/sec) Transect ☐ m wide
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: 18 Right Bank: 18			Hydrologic Modification Score (per FT 3101) ☐		0.6 m/s 0.7 m/s 0.5 m/s		
High Water Mark: 4.0 + 1.5 = 5.5 (m) (above present water level) (present depth) (above bed)			Artificially Impounded ☐ Yes ☒ No		0.5 m deep 0.8 m deep 0.5 m deep		
Artificially ☒ No ☐ Mostly recovered, more sinuous Channelized: ☐ Some recovery ☐ Recent, severe			Canopy Cover % ☐ Open ☐ Lightly Shaded (11-45%) ☐ Heavily Shaded ☒ Moderate Shaded (46-80%)				

SEDIMENT / SUBSTRATE

Sediment Oils ☒ Absent ☐ Slight ☐ Moderate ☐ Profuse	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 ☒ RPS ☐ LVS ☐ LCI ☐ BioRecon				WATER QUALITY							
				Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)
Woody Debris (Snags)	8	5		0.3	20.0	6.4	8.9	98	36	0	
Undercut Banks /Roots	2	5									☒ VOB
Leaf Packs or Mat	1	5									
Aquatic Vegetation											
Rock or Shell Rubble											
Sand/Silt	990	5		1.0							
Sand/Gravel											
Mud/Muck/Silt											
Other											
Meter ID: 132237				Meter Verify: Y ☒ N ☐							
Water Odors Normal ☒ Petroleum ☐ Sewage ☐ Chemical ☐ Other ☐				Water Surface Oils Normal ☒ Sheen ☐ Globbs ☐ Slick ☐ Other ☐							
Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☒ Yes ☐ No Lot Number 515259020 Exp: 9/16/16				Color Tannic ☒ Green (Algae) ☐ Clear ☐ Other (Specify) ☐							
Algae Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot Number: Exp:				Clarity Clear ☐ Slightly Turbid ☒ Turbid ☐ Opaque ☐							

ABUNDANCE Absent Rare Common Abundant Periphyton: ☐ ☐ ☒ ☐ Fish: ☐ ☒ ☒ ☐ Aquatic Plants: ☒ ☐ ☒ ☐ Iron/Sulfur Bacteria: ☐ ☒ ☐ ☐	System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐
WEATHER CONDITIONS / NOTES: ☒ The antecedent hydrologic conditions have been met to my best knowledge.	

SAMPLING TEAM Rick ABAD, Frank BUTERA	SIGNATURE: Rick ABAD	DATE: 3/14/2016
---	--------------------------------	---------------------------