

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

SAM Location: Gum Creek
 COU abv Bartlett rd
 DATE RQ-2016-02-01-57(WBID 11A)
 SITE Date: 3/15/16
 FIEL Time: 1130 CST

G4NW0323
 Field ID ↑
 STORET ↓
 33040082

LATITUDE 30.84393
 LONGITUDE -86.11321
 SAMPLING AGENCY FL DEP NWROC
 RECEIVING BODY OF WATER Shoal River

RIPARIAN ZONE / STREAM FEATURES

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 4.5 m wide				
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: Right Bank:				Hydrologic Modification Score (per FT 3101)				
High Water Mark: 0.8 + 1.1 = 1.9 (m) (above present water level) (present depth) (above bed)				Artificially Impounded ☐ Yes ☒ No				
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 ☐
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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)
Top:				0.3	21.5	5.0	6.2	70	26	0	0.4
Mid:											☐ VOB
Bottom:				1.0							SITE DEPTH
Meter ID: H3113237				Meter Verify: Y ☒ N ☐				1.1			
Woody Debris (Snags) 5 Undercut Banks /Roots 1 Leaf Packs or Mat <1 Aquatic Vegetation Rock or Shell Rubble Sand/Silt 92 Sand/Gravel 1 Mud/Muck/Silt Other				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: 7/16/16				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: Insufficient veg. NO LVS. BRADEN @ Black Gum Wetland. RPS ID 7787 SBIO ID 75845. HA ID 13352 MARKED ☒ The antecedent hydrologic conditions have been met to my best knowledge.							

SAMPLING TEAM FBUTERA, R. de ABAD	SIGNATURE 	DATE 3/15/16
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