

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

SAMPLE ID 75827 ORG ID 21FLPNS LATITUDE 30.82936
 CO Location: Beech Tree Creek G4NW0330 LONGITUDE 86.33815
 DA unnamed rd Field ID ↑ SAMPLING AGENCY FL DEP - NWROC
 SIT RQ-2016-02-01-57(WBID 196) STORET ↓ RECEIVING BODY OF WATER Long Creek → Shoal River
 FIE Date: 3/14/16 30°49'45.696 - 86°20'17.340 20 Yellow R
 RI Time: 1040 CST G4NW0330

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

Width of Riparian Vegetation (m) on Each Buffer Side
 Left Bank: 16 Right Bank: 18

Hydrologic Modification Score (per FT 3101)

High Water Mark: 22.0 + 0.7 = 2.7
 (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%)

Typical Width (m) Depth (m)/Velocity (m/sec) Transect

<u>125</u> m/s	<u>.33</u> m/s	<u>.25</u> m/s
<u><.1</u> m deep	<u>.15</u> m deep	<u><.1</u> m deep

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

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	<u>3</u>	<u>7</u>	
Undercut Banks /Roots	<u>1</u>	<u>7</u>	
Leaf Packs or Mat	<u><1</u>	<u>4</u>	
Aquatic Vegetation			
Rock or Shell Rubble			
Sand/Silt	<u>96</u>	<u>2</u>	
Sand/Gravel			
Mud/Muck/Silt			
Other			

WATER QUALITY
 Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. (%) Cond. (UMHO/CM) Salinity (PPT) SECCHI (M)
 Top:
 Mid:
 Bottom: 0.3 18.8 4.8 8.45 96 9 0.0
 Meter ID: 1132317 Meter Verify: ☒ Y ☐ N 0.3

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: SA 5251000 Exp: 9/16/16

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

Color Tannic ☐ Green (Algae) ☐
 Clear ☒ Other (Specify) ☐

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:
Sunny, Partly Cloudy. Warm (mid 70's?)
No vegetation for LVS. Banks collapsed into
stream numerous banks in reach.
☒ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM F Buzena, Rick Abud **SIGNATURE:** **DATE:** 3/14/2016