



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

PAGE ____ OF ____

Data Qualified?

Yes / No

STORET Station Name: S.W. BR DEADFALL CR ABV JACKSON RD

Date: 3/15/16
(mm/dd/yyyy)

STORET Station ID: 33040019

Latitude: 30.87775
(Decimal Degrees)

WBID: 145B RQ- 2016-02-01-57

ORG ID: 21FLPNS

Longitude: -86.63838
(Decimal Degrees)

Receiving Body of Water: Yellow River

Field ID: 64NW0347

County: Okaloosa

Sampling Team Members

Frank Butera
Rick Abad

Sampling Equipment

- ☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other _____
Equipment ID _____

Collection Method

- ☒ Wading ☐ From Shore ☐ Other (note below)
☐ Canoe/Kayak ☐ Electric Motor ☐ Gasoline Motor

Water Level: Dry / Low / Normal / High / Flooded

Matrix: Fresh Marine / DI

Meter ID# 132237 Photos: Yes / No

Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1450	0.2	0.3	7.7	85	4.9	0	VOB	18	20.6
<u>CEN</u>										

Biological Samples Collected: None HA SCI LVS RPS LVI Other _____

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA-5259020	9/16/16	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☒ BOD-UNIN	☒ Ice			
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____			

Notes: SB10 ID 75839

Place Label Here
(If Available)

Signature: Rick Abad

Date: 3/15/16

Field Parameters Entered into LIMS: _____
(Initials/Date)

Field Parameters QC in LIMS: _____
(Initials/Date)

Date Migrated to STORET: _____

Field Sheets Scanned/Saved: _____

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

SAMPLE ID 75839 ORG ID 21 FLANS LATITUDE 34.87775
 Location: Dead Fall creek LONGITUDE 86.63838
 abv Jackson rd FL DEP - NWROC
 RQ-2016-02-01-57(WBID 11A) **Field ID** STORET RECEIVING BODY OF WATER Dead Fall Ck → Yellow River
 Date: 3/15/2016 **33040019** RPS ID 7786 MUPDB ID 9522
 Time: 11:50 CST

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: 719 Right Bank: 718

Hydrologic Modification Score (per FT 3101):

High Water Mark: .9 + .6 = 1.4
 (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
95m 3 m wide
.2 m/s .25 m/s .2 m/s
.1 m deep .2 m deep .2 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>27</u>		
Undercut Banks /Roots	<u>3</u>		
Leaf Packs or Mat	<u>0.4</u>		
Aquatic Vegetation	<u>0.7</u>		
Rock or Shell Rubble			
Sand/Silt	<u>69</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	<u>.2</u>	<u>20.6</u>	<u>4.9</u>	<u>7.66</u>	<u>85.1</u>	<u>18</u>	<u>4.0</u>	☒ VOB
Bottom	<u>.3</u>							

Meter ID: 132237 Meter Verify: ☒ Y ☐ N .6

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

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 ☐

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

ABUNDANCE

	Absent	Rare	Common	Abundant
Periphyton:	☒	☐	☐	☐
Fish:	☐	☐	☒	☐
Aquatic Plants:	☐	☒	☐	☐
Iron/Sulfur Bacteria:	☒	☐	☐	☐

WEATHER CONDITIONS / NOTES:
 Site is on 1st order stream, tributary to
 Dead Fall Creek (W. Fl. Dead Fall Ck.)
 (W. Fl. Dead Fall Ck. may better name).
 lots of snags
☒ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM
F. BUTERA, R. ABAD

SIGNATURE: [Signature] **DATE:** 3/15/2016