FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified? Yes / No

WIN Station Name: Grog Branch @ Long Bay Rd **Date:** 10-16-18 (mm/dd/yyyy)

WIN/ Field ID: 20030833 **WBID:** 2407 **Latitude:** 30.1074 (Decimal Degrees)

County: Clay **ORG ID:** 21FLA **Longitude:** 81.8659 (Decimal Degrees)

Receiving Body of Water: Little Black Creek **RQ-2018-** 10-08-13

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
A. Kalmbacher	✓	✓	✓	✓	✓
P. O'Connor					
C. Ruben					

Sampling Equipment
- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other ______

Depth Measured with: YSI TT
Equipment ID: Ortho #3

Collection Method
- [x] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [ ] Electric Motor
- [ ] Other ______
- [ ] Gasoline Motor

Water Level: Dry / Pooled / (Low) / Normal / High / Flooded **Meter ID#** YSI TT **Matrix:** (Fresh) / Marine / DI

Photos: (Yes) / No **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising / Falling / Slack / (NA) **Tide Times:** ~~High~~ ~~Low~~

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0935	0.28	0.1	0.28 S	3.9	46	6.24	0.06	132	23.1 ✓
CEN										

Biological Samples Collected: None (HA) (SCI) (RPS) Algae ID (LVS) LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA8197090	071619	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	D7KA12512		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[x] MI-FW-QLDC	[x] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] Ice			
Molecular	[ ] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[ ] Ice			
Tracers	[ ] W-E8321-DI [ ] W-E8321-MS	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-CT-CL-R [ ] W-E8321-DI [ ] W-PCL-SQ-R [ ] WE8321-MS [ ] W-CARB-AA	[ ] Ice [ ] Other			

Place Preserva… (If…

Contains: 1:1 H2S04
Lot No.: SA8197090
Expires: 07/16/19
See Safety Data Sheet (SDS)

SULFURIC ACID <51%
THERMO FISHER SCIENTIFIC
520 NORTH MAIN STREET
MIAMI, OK 74354
1-828-658-2711
Contains: 1:1 H2S04
DANGER
7664-93-9
7732-18-5
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fume/mist/vapours. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Notes: SCI LVS RPS HA/Phys Chem

Field / WIN ID: 20030833

Grog Branch @ Long Bay Rd.

Signature: [signature] **Date:** 10/22/18

Enter Field Parameters, Verify Station ID In LIMS DMT: ______ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 10/22/18 (Initials/Date)

Scan/Save Field Sheets BD 10/22/18 (Initials/Date) Migrate Data to WIN: ______ (Initials/Date) Verify Data In WIN: ______ (Initials/Date)

(AK) 78948

DEP Form FD 9000-5 Stream/River Habitat Assessment Field Sheet

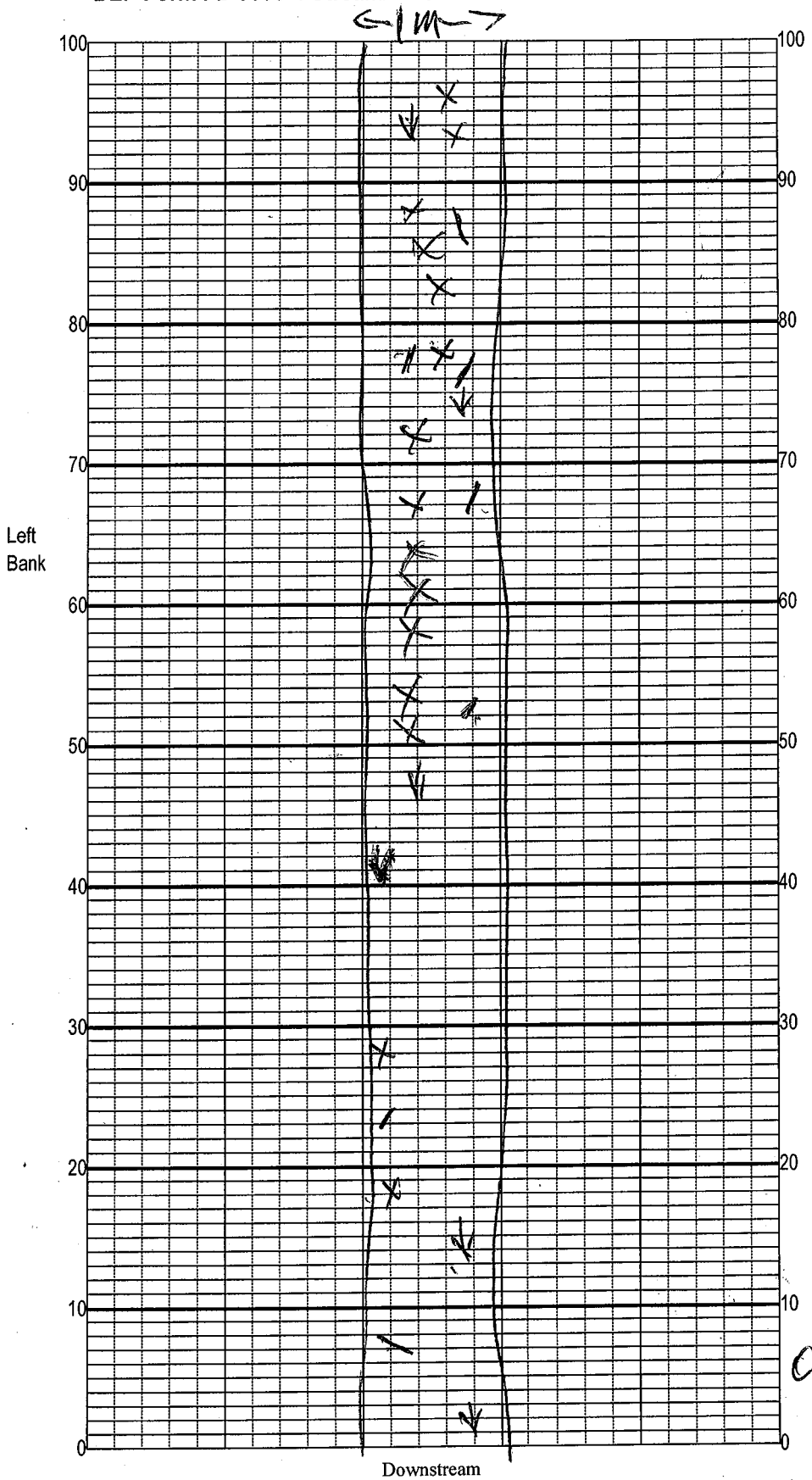
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 20030833	DATE (MM/DD/YY): 10-16-18	RECEIVING BODY OF WATER: L. Black Cr.
REMARKS: RQ 2018-10-08-13	COUNTY: CLAY	LOCATION: Grog Br @ Long Br. Rd		FIELD ID/NAME: 20030833

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components **Substrate Diversity** 11	Four or more major productive habitats present [snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock] 20 19 18 17 16	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags) 15 14 13 12 11	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed 10 9 8 7 6	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered 5 4 3 2 1
Substrate Availability 9	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 8 7 6	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity 12	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 19 18 17 16	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 15 14 13 12 11	Max. observed at typical transect: 0.05 to 0.1 m/sec 0.1 0.09 0.07 0.06 0.05 10 9 8 7 6	Max. observed at typical transect: <0.05 m/sec; or spate occurring: > 1 m/sec <0.05 0.04 0.03 0.01 <0.01 5 4 3 2 1
Habitat Smothering 8 Primary Score 40	Adequate number of stable pools (1-2 per 12 times width) and <25% of habitats affected by sand, silt, or algae. 20 19 18 17 16	Adequate number of stable pools (1-2 per 12 times width) and >25% of habitats affected by sand, silt, or algae. 15 14 13 12 11	Does not have required number of stable pools (1-2 per 12 x width) and/or has shallow pools (<2 x prevailing depth). 10 9 8 7 6	Stable pools are absent. Most habitats affected by sand, silt, or algae accumulation. 5 4 3 2 1
Secondary Habitat Components **Artificial Channelization** 9	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks. 20 19 18 17 16	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered. 15 14 13 12 11	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area. 10 9 8 7 6	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks. 5 4 3 2 1
Bank Stability Right Bank 4 Left Bank 4	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankful to top of bank. Bankfull is within or above the root zone with few raw, eroded areas. 10 9	Only meets 2 of the 3 requirements for optimal bank stability. 8 7 6	Only meets 1 of the 3 requirements for optimal bank stability. 5 4	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas. 3 2 1
Riparian Buffer Zone Width Right Bank 10 Left Bank 7	Width of vegetation greater than 18 m 10 9	Width of vegetation >12 to 18m 8 7 6	Width of vegetation 6 to 12 m. human activities close to system 5 4	Less than 6 m of buffer zone due to intensive human activities 3 2 1
Riparian Zone Vegetation Quality Right Bank 10 Left Bank 10 Secondary Score 54	Over 80% of riparian surfaces consist of normal, expected plant community for given sunlight & habitat conditions (e.g., native plants; tree, shrub, and forbs represented, if appropriate). Minimal disturbance. 10 9	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed. 8 7 6	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious. 5 4	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). 3 2 1

94 **TOTAL SCORE**

Date: 10-16-18	Analyst: PO Comm	Signature: Patricia Comm

DEP Form FD 9000-4 Stream/River Habitat Assessment Sketch Sheet



Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).

Location: Grog Br @ Long Br Rd

Date: 10-16-18

Sampler: PO'Connor

100 m: Latitude	30.10702
Longitude	81.86452
0 m: Latitude	30.10708
Longitude	81.86356

Substrates: Code key, draw proportionate habitat abundance. %

- Snags ____
- Roots/undercut banks ____
- Leaf Packs (or mats) ____
- Aquatic Macrophytes ____
- _____ ____
- _____ ____
- Pools total # observed = ____ # range expected = ____

Average width _____ m

Average depth _____ m

Velocity measured at ____ meter mark.

WQ & chemistry taken at ____ meter mark.

Habitat Smothering:
Note areas (on map) where sand or silt is smothering substrates, limiting habitability.

Bank Stability:
Note areas (on map) with unstable, eroding banks.

Riparian Buffer Width:
Note areas (on map) where natural vegetation is altered or eliminated.

Plants observed / other notes:

<2 M of Macrophytes was observed while doing the LVS? YES or NO

0.25 m/s

Orontia + Saurus

7% Roots

3 1/2 Snag

3 1/2 Logs

DEP FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

18948

Waterbody: Greg Br @ Long Br RD | Date: 10-16-18 | County: CLAY | Storet Number: 20030833

Analyst: P. O'Connor | Signature:

Comments:

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m^2 of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

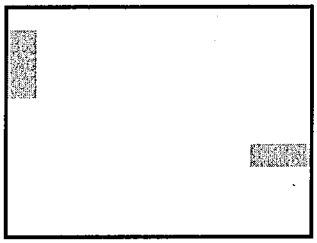
HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Alternanthera philoxeroides								X			
Bacopa caroliniana											
Bacopa monneri											
Bidens mitis											
Boehmeria cylindrica											
Centella asiatica											
Ceratophyllum demersum											
Chara											
Cicuta maculata											
Cladium jamaicense											
Colocasia esculenta											
Commelina diffusa											
Commelina virginica											
Crinum americanum											
Diodia virginiana											
Eichhornia crassipes											
Eleocharis (wispy viviparous)											
Hydrilla verticillata											
Hydrocotle											
Hygrophila polysperma											
Hymenocallis											
Lachnanthes caroliniana											
Landoltia punctata											
Lemna											
Limnophila sessiflora											
Ludwigia leptocarpa											
Ludwigia palustris											
Ludwigia peruviana											
Ludwigia repens											
Luziola fluitans											
If no Dominant or Co-Dominant were selected, indicate with "X"											
Indicate % cover macrophytes per section											
0-5% Macrophyte Coverage		X	X	X		X	X	X	X	X	
>5 and ≤10% Macrophyte Coverage	X				X		X				
>10 and ≤25% Macrophyte Coverage											
>25 and ≤50% Macrophyte Coverage											
> 50% Macrophyte Coverage											

HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Micranthemum glomeratum											
Micranthemum umbrosum											
Myriophyllum aquaticum											
Najas guadelupensis											
Nuphar luteum											
Orontium aquaticum	X	X	X	X	X	X	X	X	X	X	
Panicum hemitomon											
Panicum repens											
Panicum rigidulum											
Pistia stratioides											
Polygonum glabra											
Polygonum hydropiperoides											
Polygonum punctatum											
Pontedaria cordata											
Potamogeton illinoensis											
Ruellia simplex											
Sacciolepis striata											
Sagittaria kurziana											
Sagittaria lancifolia											
Sagittaria latifolia											
Salvinia minima											
Samolus parviflora											
Saururus cernuus	X	X	X		X	X	X	X	X	X	
Sparganium americanum											
Typha											
Vallisneria americana											
Zizania aquatica											

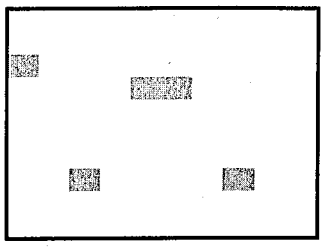
FDEP FORM FD 9000-32 LINEAR VEGETATION SURVEY FIELD SHEET

Percent Cover Categories for macrophytes in a 10 m segment of a stream 5 m wide

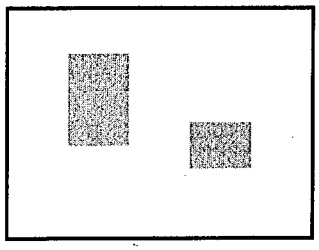
5% Macrophyte Coverage



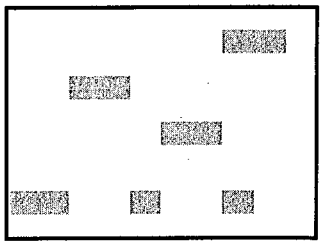
5% Macrophyte Coverage



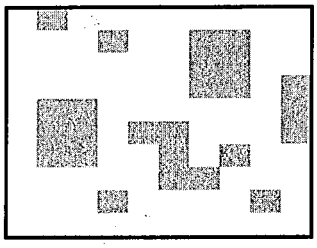
10% Macrophyte Coverage



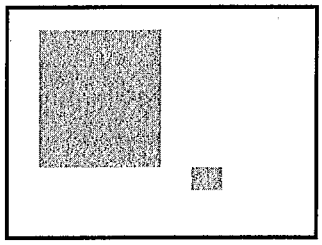
10% Macrophyte Coverage



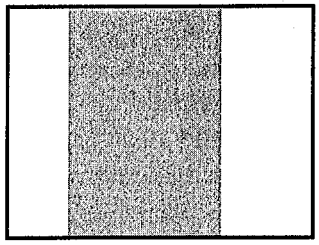
25% Macrophyte Coverage



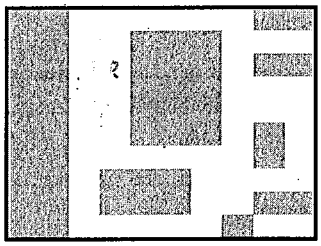
25% Macrophyte Coverage



50% Macrophyte Coverage



50% Macrophyte Coverage



78948 (OK)

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Grog Branch @ Long Br Rd | County: Clay | Date: 10-16-18 | Investigators: C Ruben, A. Kalmbacher, P. O'Connor

STORET Station Number: 20030833

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
0	1	N		
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
10	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
20	1	N		
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
30	1	N		
	2		X	
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
40	1	N		
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
50	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
60	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
70	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
80	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
90	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
100	1	N		
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			

Secchi depth	0.3
Estimated?	

# points ranked 4-6	
total points assessed	
% points ranked 4-6	

Check accompanying data collected at same site/date.	
Algal mat sample	
Linear Veg Survey	
Habitat Assessment	
SCI/Biorecon	
Water sample	

RQ-2018-10-08-13

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

0-100 N 1 ↓ 9

Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.

Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.

Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

78948

DEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet

SAMPLE ID _____ ORG ID 21FIA LATITUDE _____

COUNTY CLAY STORET # 20030833 LONGITUDE _____

DATE 10-16-18 TIME _____ SAMPLING AGENCY DEAR WED RQC

SITE NAME Grog Br @ Long Branch Rd. RECEIVING BODY OF WATER Little Black Creek

FIELD ID/NAME 20030833 Meter ID: YSI 11

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)
70				30			

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

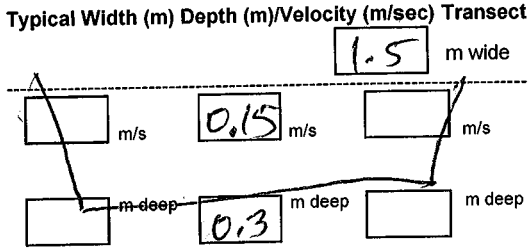
Left Bank : 12 Right Bank : 12

Hydrologic Modification Score (per FT 3101)

High Water Mark: 1.0 (m) + ~~0.6~~ 0.3 (present depth) = ~~1.6~~ 1.3 (above bed)

Artificially Impounded ☐ Yes ☐ No

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



Artificially Channelized : ☐ No ☒ Some recovery ☐ Mostly recovered, more sinuous ☐ 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

	None	Slight	Moderate	Severe
Sand Smothering:	☐	☐	☒	☐
Silt Smothering:	☐	☐	☒	☐
Algae Smothering:	☒	☐	☐	☐

SUBSTRATE TYPE

Assessment Tool: ☐ SCI ☐ RPS ☐ LVS ☐ LCI ☐ BioRecon

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	3.5	5	
Undercut Banks / Roots	3.5	5	
Leaf Packs or Mat			
Aquatic Vegetation	3.5	5	
Rock or Shell Rubble..			
Sand.....	~90	~~90~~ 5	
Mud / Muck / Silt			
Other			
Other			

WATER QUALITY

	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)
Top :								0.285
Mid:	0.1	23.1	6.24	3.9	46	132	0.06	TOTAL DEPTH
Bottom								0.6

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

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

Water Surface Oils Normal ☒ Sheen ☐ Globs ☐ Slick ☐ Other ☐

Water Sample Taken? ☒ Yes ☐ No

Sample Preserved? ☐ Yes ☐ No

Lot Number: SA819709D Exp: 07-1619

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

	Not Obs.	Rare	Common	Abundant
Periphyton:	☐	☒	~~☒~~ ☐	☐
Fish:	☐	☐	☒	☐
Aquatic Plants:	☐	☐	☒	☐
Iron/Sulfur Bacteria:	☐	☐	☒	☐

AMBIENT FIELD CONDITIONS / NOTES: Secchi 0.3

Hydrologic Disturbance Scoring ☐ 1-2 ☐ 3-4 ☐ 5-6 ☐ 7-8 ☐ 9-10

☐ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM AKalmbacher, P. O'Connor, C RUBEN

SIGNATURE : _____

62-160.800, F.A.C.

Revision Date: March 1, 2014

Request Number: RQ-2018-10-08-13

LSJR SW SCI's

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: A. Kambacher, C. Rubero, P O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED Rec

Loc

Fiel

WIN

Field / WIN ID: 20030833

Grog Branch @ Long Bay Rd.

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-16-18 Time 0935 [✓ Eastern] Central

Composite end Date Time —

Bottle Group(s) (See pg 2) A&B

Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh

Diss. Oxygen 3.9 ☒ mg/L ☐ % sat

Total Res. Chlorine (mg/L) —

Temp (C) 23.1

pH 6.24

Sample Depth 0.1 ☐ ft ☒ m

Sp. Conductance (umho/cm) 132

Salinity (ppt) 0.06

Comments DO% 46

Location

☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central

Composite end Date Time

Bottle Group(s)

Field ID

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

WIN/STORET #

Temp (C)

pH

Sample Depth ☐ ft ☐ m

Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Salinity (ppt)

Comments

Location

☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central

Composite end Date Time

Bottle Group(s)

Field ID

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

WIN/STORET #

Temp (C)

pH

Sample Depth ☐ ft ☐ m

Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Salinity (ppt)

Comments

Location

☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central

Composite end Date Time

Bottle Group(s)

Field ID

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

WIN/STORET #

Temp (C)

pH

Sample Depth ☐ ft ☐ m

Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Salinity (ppt)

Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	10-16-18 1400	FedEx	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1 to ALS JAY
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 4	Preservative:	Formalin	**Enter Number of Bottles Sent to Lab**	2
	MI-FW-QLDC						

ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

SR#

CAS Contract

Project Name: LSJR West SCI	Project Number: RQ2018-10-08-13
Project Manager: J Parrish	Email Address:
Company/Address: DEAR NED ROC 8800 BAYMEADOWS WAY West JAX FL 32256	
Phone #: 904 256 1700	FAX #:
Sampler's Signature: Patrick Oconnor	Sampler's Printed Name: PATRICK OCONNOR

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE	NUMBER OF CONTAINERS	E Coli	REMARKS/ ALTERNATE DESCRIPTION
20030833		10-16-18	0935	SW	8	1	✓	

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other ICE

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

0.3°C

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Patrick Oconnor	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: DEAR NED ROC	Printed Name: KAYLA BLACKWELL	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: 10-16-18 1340	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time:	Date/Time: 10.16.18/1341	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Retained by Client