



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name:

Bull Cr. SW crossing 215

Date:

04/16/2018

(mm/dd/yyyy)

WIN/Field ID:

20030480

WBID:

2446

Latitude:

30.02051

(Decimal Degrees)

County:

CLAY

ORG ID:

21FLA

Longitude:

81.91970

(Decimal Degrees)

Receiving Body of Water:

Mill Creek

RQ-2018-

04-09-19

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
P. O'Connor J. Parrish				X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
Depth Measured with								451 #8 #9 #10				
Equipment ID								Ortho kit #99				
									Collection Method			
☒ Wading								☐ Canoe/Kayak				
☐ From Shore								☐ Electric Motor				
☐ Other								☐ Gasoline Motor				
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Meter ID#				Matrix: Fresh/ Marine/ DI				
Photos: Yes / No				Flow: No Flow / Interstitial / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)		
EST	1200	0.5	0.3	0.5	8.0	82.3	5.94	0.03	74	16.9		
CEN												
Biological Samples Collected: None HA SCI RPS Algae ID LVS LV4 Other:												
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:												
Parameter Suite	Parameter Methods				Preservation	Lot#	Expiration	pH Check				
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4	SA7341020	12-07-18	☒ <2				
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			☐ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice							
Chlorophyll	☒ CHLSUITE-W				☒ Ice							
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice							
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY				☐ Ice							
Macroinvertebrates	☒ MI-FW-QLDC				☒ Formalin							
Periphyton	☐ ALGAE-ID				☐ Ice							
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci				☒ Ice							
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD				☐ Ice							
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA				☐ Ice							
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA				☐ Ice							
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other							

Notes:

WIN /Field ID:



20030480

BULL CR SW CROSSING CR 215

Signature:

P. O'Connor

Date:

04-16-18

Enter Field Parameters, Verify Station ID in LIMS DMT:

2004/16/18

QC Station ID, Field Parameters in LIMS DMT:

2004/16/18

Scan/Save Field Sheets

2004/16/18

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)Place Preservation
(If Applicable)

5610 78331 (AK)

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

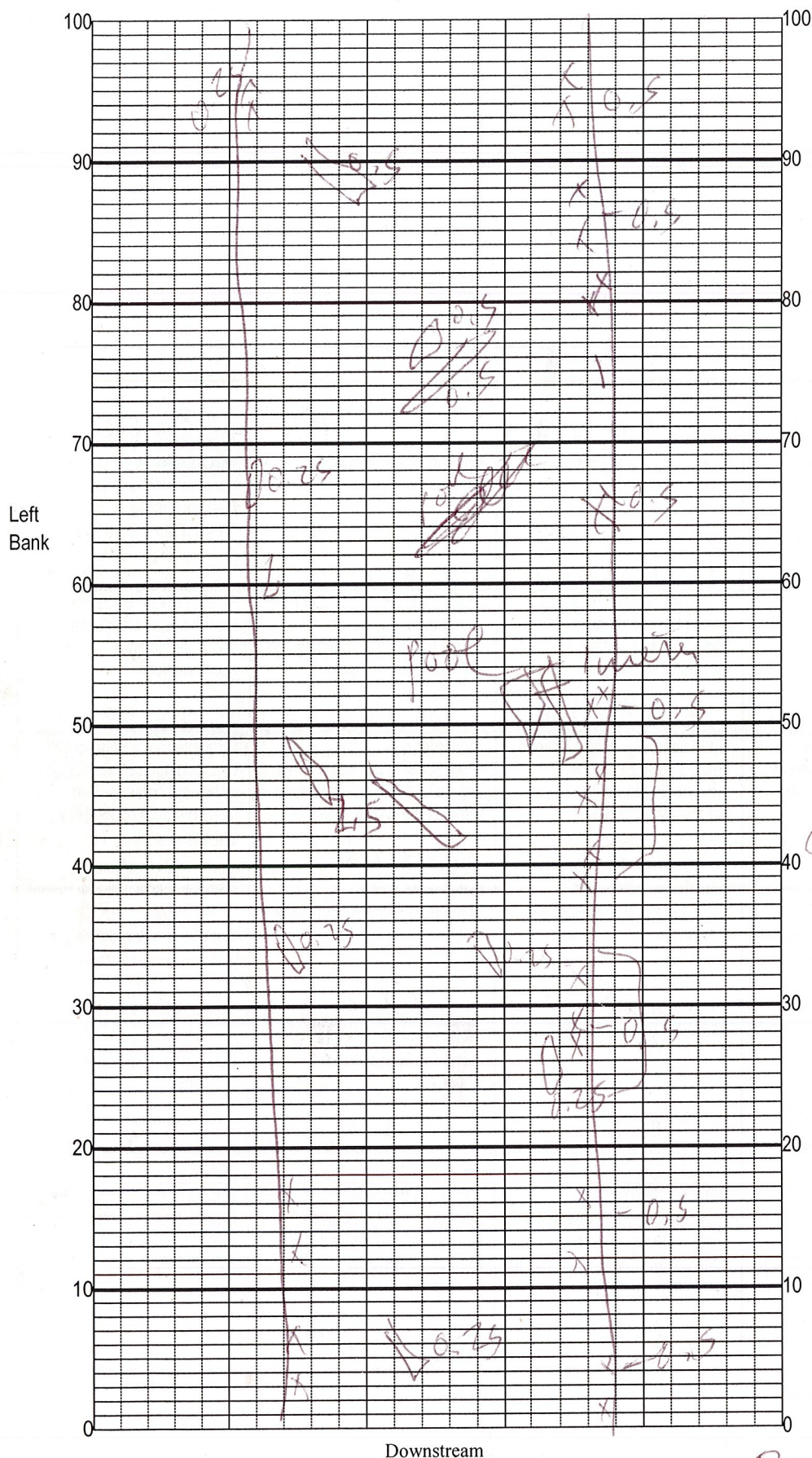
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 20030480	DATE (MM/DD/YY): 04-16-18	RECEIVING BODY OF WATER: mill Creek
REMARKS:	COUNTY: CLAY	LOCATION: Bill Creek SW Crossing 9215		FIELD ID/NAME:

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components	Four or more major productive habitats present [snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock]	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags)	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered
Substrate Diversity <u>8</u>	20 19 18 17 16	15 14 13 12 11	10 9 <u>8</u> 7 6	5 4 3 2 1
Substrate Availability <u>6</u>	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 <u>6</u>	Less than 5% major productive habitat <u>5</u> 4 3 2 1
Water Velocity <u>19</u>	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 <u>19</u> 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 <u>13</u> ----- Primary Score <u>46</u>	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 <u>13</u> 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 <u>13</u>	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 <u>13</u> 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 <u>5</u> Left Bank <u>5</u>	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankfull 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. <u>8</u> <u>7</u> 6	Only meets 1 of the 3 requirements for optimal bank stability. <u>5</u> 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 <u>10</u> Left Bank <u>9</u>	Width of vegetation greater than 18 m <u>10</u> <u>9</u>	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 <u>10</u> Left Bank <u>9</u> ----- Secondary Score <u>65.06</u>	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 <u>9</u>	>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

TOTAL SCORE

Date: 4/16/18	Analyst: <i>Glenn</i>	Signature: <i>Glenn</i>
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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: Bull cr. SW
215

Date: 4/16/14

Sampler: JP/PO

100 m:	Latitude _____	Longitude _____
0 m:	Latitude _____	Longitude _____
Substrates: Code key, draw proportionate habitat abundance.		%
☒	Snags	2.5
☒	Roots/undercut banks	1.5
☐	Leaf Packs (or mats)	_____
☐	Aquatic Macrophytes	_____
☐	_____	_____
☐	_____	_____
☐	total # observed = _____	
☐	Pools # 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

$\rho_{\text{pool}} = \frac{1}{2} \rho_m$

$$S_{\text{na}} = 8 \text{ m}$$

0.6 depth

3m wide 0.33 flow
~~5m wide~~

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

SAMPLE ID _____ ORG ID 21FIA LATITUDE _____
 COUNTY CIA STORET # 20030480 LONGITUDE _____
 DATE 04-16-18 TIME 1200 SAMPLING AGENCY DEAR NEB Rq
 SITE NAME Bull Creek SW CROSSING 218
 FIELD ID/NAME _____ RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

Meter ID: YST #4

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 3 m wide 0.3 m/s 0.6 m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>218</u> Right Bank: <u>218</u>				Hydrologic Modification Score (per FT 3101) ☐			
High Water Mark: <u>1.2</u> + <u>0.6</u> = <u>1.8</u> (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 ☐																																					
SUBSTRATE TYPE Assessment Tool: ☒ SCI ☒ RPS ☒ LVS ☐ LCI ☐ BioRecon		WATER QUALITY <table border="1"> <thead> <tr> <th></th> <th>Depth (M)</th> <th>Temp. (°C)</th> <th>pH (SU)</th> <th>D.O. (MG/L)</th> <th>D.O. Sat (%)</th> <th>Cond. (UMHO/CM)</th> <th>Salinity (PPT)</th> <th>SECCHI (M)</th> </tr> </thead> <tbody> <tr> <td>Top:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>0.65</u></td> </tr> <tr> <td>Mid:</td> <td><u>0.3</u></td> <td><u>16.9</u></td> <td><u>5.9</u></td> <td><u>8.0</u></td> <td><u>82.3</u></td> <td><u>74</u></td> <td><u>0.03</u></td> <td><u>0.6</u></td> </tr> <tr> <td>Bottom:</td> <td><u>0.6</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)	Top:								<u>0.65</u>	Mid:	<u>0.3</u>	<u>16.9</u>	<u>5.9</u>	<u>8.0</u>	<u>82.3</u>	<u>74</u>	<u>0.03</u>	<u>0.6</u>	Bottom:	<u>0.6</u>							
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Woody Debris (Snags) <u>3.5</u> <u>7</u> Undercut Banks / Roots <u>2.5</u> <u>7</u> Leaf Packs or Mat Aquatic Vegetation Rock or Shell Rubble..... Sand..... <u>94</u> <u>6</u> Mud / Muck / Silt Other Other		System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐ Water Odors Normal ☒ Petroleum ☐ Sewage ☐ Chemical ☐ Other ☐ Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☒ Yes ☐ No Lot Number: _____ Exp: _____ Algae Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☒ No Lot Number: _____ Exp: _____																																							
ABUNDANCE <table border="1"> <thead> <tr> <th></th> <th>Not Obs.</th> <th>Rare</th> <th>Common</th> <th>Abundant</th> </tr> </thead> <tbody> <tr> <td>Periphyton:</td> <td>☒</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Fish:</td> <td>☐</td> <td>☐</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>Aquatic Plants:</td> <td>☒</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Iron/Sulfur Bacteria:</td> <td>☐</td> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </tbody> </table>			Not Obs.	Rare	Common	Abundant	Periphyton:	☒	☐	☐	☐	Fish:	☐	☐	☒	☐	Aquatic Plants:	☒	☐	☐	☐	Iron/Sulfur Bacteria:	☐	☒	☐	☐	Water Surface Oils Normal ☒ Sheen ☐ Globs ☐ Slick ☐ Other ☐ Color Tannic ☒ Green (Algae) ☐ Clear ☐ Other (Specify) ☐ Clarity Clear ☒ Slightly Turbid ☐ Turbid ☐ Opaque ☐														
	Not Obs.	Rare	Common	Abundant																																					
Periphyton:	☒	☐	☐	☐																																					
Fish:	☐	☐	☒	☐																																					
Aquatic Plants:	☒	☐	☐	☐																																					
Iron/Sulfur Bacteria:	☐	☒	☐	☐																																					
AMBIENT FIELD CONDITIONS / NOTES: <u>RQ-2018-04-09-19</u> <u>< 2 sq. meter plants</u> 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 <u>Frank Poromora</u>			SIGNATURE: <u>Frank</u>																																						

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Bull Creek SW crossing 215

County: CLAY

Date: 04-16-18

Investigators: J. Parrish, P. Conno-

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

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
60	1	N	N	
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
70	1	N	N	
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
80	1	N	N	
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
90	1	N	N	
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
100	1	N	N	
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	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%.

Secchi depth

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-

STORET Station Number:

20030480

Secchi depth

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-

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

(11) 78331

Waterbody: Bull Creek SW crossing rd	Date:	County: CLAY	Storet Number: 20030480
Analyst: DO Connor	Signature: Patrick O'Connell		
Comments: NO AQUATIC Vegetation			

[illegible]

Request Number: RQ-2018-04-09-19

Florida Department of Environmental Protection

LSJR SW

Central Laboratory Submittal Form

Page 1 of 3
last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

P. O'Connor
DEAR MED ROC

Location	WIN /Field ID:		20030480		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	04-16-18	Time	1200	☒ Eastern ☐ Central	Composite end	Date		Time		Bottle Group(s)	(See pg 2)
Field ID	20030480		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen		8.00	☒ mg/L ☐ % sat	Total Res. Chlorine								Atc		
WIN/STORE #	BULL CR SW CROSSING CR 215		Temp (C)		16.9	pH	5.94	Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	74							
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments		D0% 82.3											
Location	WIN /Field ID:		20030569		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	04-16-18	Time	1340	☒ Eastern ☐ Central	Composite end	Date		Time		Bottle Group(s)	B
Field ID	20030569		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen		8.14	☐ mg/L ☐ % sat	Total Res. Chlorine										
WIN/STORE #	MILL LOG CREEK @ CR 739B(SANDRIDGE RD)		Temp (C)		18.0	pH	6.3	Sample Depth	0.1	☒ ft ☐ m	Sp. Conductance (umho/cm)	144							
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.07	Comments		D0% 84.0											
Location	WIN /Field ID:		G2NE1150		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	04-16-18	Time	1320	☒ Eastern ☐ Central	Composite end	Date		Time		Bottle Group(s)	B
Field ID	G2NE1150		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen		8.00	☒ mg/L ☐ % sat	Total Res. Chlorine										
WIN/STORE #	MILL Log at Russell Rd.		Temp (C)		16.6	pH	6.5	Sample Depth	0.2	☒ ft ☐ m	Sp. Conductance (umho/cm)	182							
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.09	Comments		D0% 82.0											
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								
WIN/STORE #					Temp (C)			pH		Sample Depth		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

P. O'Connor

04-16-18 1500

FEDEX

2 (Total)

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to ALS JAY
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-120ML-WC-THI	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type: P-120ML-WC-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 to ALS JAY
	NED-AEG-EC				
Group: B	Bottle Type: P-500ML	# of Bottles: 3	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP				
	W-ICPMS				
Group: B	Bottle Type: P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: B	Bottle Type: P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	300 2
	W-PO4-F				
Group: C	Bottle Type: P-J-2L	# of Bottles: 2	Preservative: Formalin	Enter Number of Bottles Sent to Lab	2
	MI-FW-QLDC				



ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

Page 1 of 1

ALS Contact: Jerry Allen

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

Client Name		Project Number	
FDEP-NE ROC		RQ-2018-04-09-19	
Report To		Report CC	
Dep-Overflowmicro@dep.state.fl.us			
Company/Address			
8800 Baymeadows Way W			
Jacksonville, FL 32256			
Phone #		FAX #	
904-256-1541			
Sample's Signature		Sample's Printed Name	
Patrick O'Connor		Patrick O'Connor	
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	MATRIX
GZNE1150		04-18-1320	SW
20030569		1340	1
20030480		1200	1
Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us			
Relinquished By			
Signature Patrick O'Connor			
Printed Name Patrick O'Connor			
Firm DEAR NEB ROC			
Date/Time 04-16-18 1420			
Received By			
Signature [Signature]			
Printed Name [Name]			
Firm [Firm]			
Date/Time 4/16/18 1420			
Relinquished By			
Signature [Signature]			
Printed Name [Name]			
Firm [Firm]			
Date/Time [Date/Time]			
ANALYSIS REQUESTED (Include Method Number and Container Preservative)			
E.Coli			
Enterococci			
PRESERVATIVE KEY			
0. None			
1. HCL			
2. HNO3			
3. H2SO4			
4. NaOH			
5. Zn. Acetate			
6. MeOH			
7. NaHSO4			
8. Other ICE			
REMARKS			
TURNAROUND REQUIREMENTS			
RUSH (SURCHARGES APPLY)			
STANDARD			
REQUESTED FAX DATE			
REQUESTED REPORT DATE			
REPORT REQUIREMENTS			
I. Results Only			
II. Results + QC Summaries			
III. Results + QC and Calibration Summaries			
IV. Data Validation Report with Raw Data			
Edata Yes No			
INVOICE INFORMATION			
P.O. # B10739			
Bill to:			
Relinquished By			
Signature [Signature]			
Printed Name [Name]			
Firm [Firm]			
Date/Time [Date/Time]			