



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: LAKE ALICE Outlet @ Newell Date: 05/02/2018
(mm/dd/yyyy)
WIN/Field ID: _____ WBID: 2719 Latitude: 29.642511
(Decimal Degrees)
County: Alachua ORG ID: 21FLA Longitude: 82.343797
(Decimal Degrees)
Receiving Body of Water: Bivens Arm Outlet RQ-2018- 04-23-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>J. Parrish</u> <u>P. O'Connor</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
											☐ Carboy	☐ Syringe		
											☐ Dipper	☐ Other		
Depth Measured with <u>YSI</u>											Equipment ID <u>ORFHS 47</u>			
Collection Method														
☒ Wading											☐ Canoe/Kayak			
☐ From Shore											☐ Electric Motor			
☐ Other											☐ Gasoline Motor			
Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded						Meter ID# <u>YSI 77</u>				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>						Flow: No Flow / Interstitial / <u>Flowing</u> / NA				Tide: Rising / Falling / Slack / <u>NA</u>				
Tide Times: High <u>—</u> Low <u>—</u>														
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	1130	0.2	0.1	0.25	8.1	90.2	7.8	0.2	411	20.6				
CEN														
Biological Samples Collected: None <u>HA</u> <u>SCI</u> <u>RPS</u> <u>Algae ID</u> <u>LVS</u> <u>LVI</u> 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 ☐ H ₂ SO ₄	<u>7341020</u>	<u>12/7/18</u>	☐ <2					
Metals	☐ W-ICPMS ☒ W-ICP					☒ Ice ☐ HNO ₃	<u>7261120</u>	<u>9/18/18</u>	☒ <2					
Filtered Nutrients	☐ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R71A 24539</u>							
Chlorophyll	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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 <u>WMS 8321</u>					☒ Ice								
Pesticides	☒ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☒ W-CARB-AA ☒ W-PCL-SQ-R ☐ W-PYR-AA-R ☒ W-GLYPH ☐ W-SUC-AA-R					☒ Ice								

Notes: DEAD Opossum in Creek

Signature: [Signature] Date: 5/2/18

WIN / Field ID: G1NE0898

Lake Alice Outlet @ Newell

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature] QC Station ID, Field Parameters in LIMS DMT: DP 5/14/18
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets 5/14/18 Migrate Data to WIN: _____ Verify Data in WIN: _____
(Initials/Date) (Initials/Date)

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

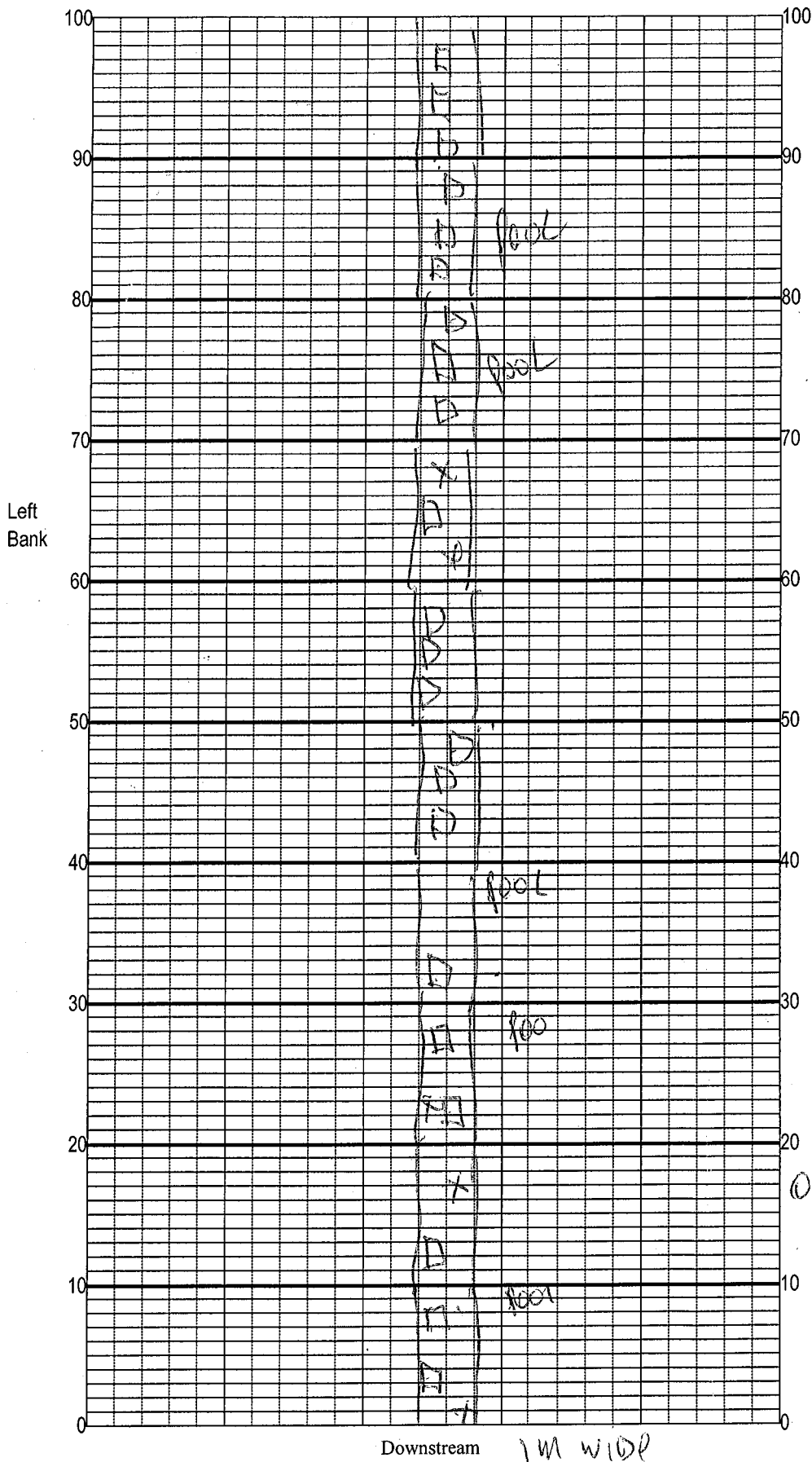
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 61NE0898	DATE (MM/DD/YY): 05-02-18	RECEIVING BODY OF WATER: Lake Alice
REMARKS:	COUNTY: Alachua	LOCATION: Lake Alice Outlets Mouth	FIELD ID/NAME:	

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components Substrate Diversity <u>10</u>	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 <u>14</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 6	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity <u>13</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 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 <u>16</u> Primary Score <u>1453</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 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 <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 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 <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. 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 <u>1</u> Left Bank <u>1</u>	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 <u>1</u> Left Bank <u>1</u> Secondary Score <u>51</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 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

104

TOTAL SCORE

Date: 05-02-18	Analyst: P. O'Connor	Signature: P. O'Connor
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Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).

Location: Lake Alice Outlets
Newell
Date: 05-02-18
Sampler: POA

100 m: Latitude _____	Longitude _____
0 m: Latitude _____	Longitude _____
Substrates: Code key, draw proportionate habitat abundance. %	
☐ 1	Snags _____
☐ X	Roots/undercut banks _____
☐ O	Leaf Packs (or mats) _____
☐ V	Aquatic Macrophytes _____
☐ 11	<u>Rock</u> _____
☐	_____
☐	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:
0.2M
22 u20% Rock
5 u20% Roots
.<2 M of Macrophytes was observed while doing the LVS? YES or NO

SAMPLE ID _____ ORG ID _____ LATITUDE _____
 COUNTY Alachua STORET # 61NE 0898 LONGITUDE _____
 DATE 5/2/18 TIME 1130 SAMPLING AGENCY _____
 SITE NAME 113 Lake Alice corner to Newell
 FIELD ID/NAME _____ RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

Meter ID: _____

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 ☐ m wide ☐ m/s <u>0.14</u> m/s ☐ m/s ☐ m deep <u>0.2</u> m deep ☐ m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>24</u> Right Bank: <u>12-18</u>				Hydrologic Modification Score (per FT 3101) ☐			
High Water Mark: <u>1m</u> + <u>0.1</u> = <u>1.1</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 <table border="1"> <thead> <tr> <th></th> <th>% Coverage</th> <th>INVERT # Times Sampled</th> <th>PERI # Times Sampled</th> </tr> </thead> <tbody> <tr> <td>Woody Debris (Snags)</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Undercut Banks / Roots</td> <td><u>5</u></td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Leaf Packs or Mat</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Aquatic Vegetation</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Rock or Shell Rubble..</td> <td><u>22</u></td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Sand.....</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Mud / Muck / Silt</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Other</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Other</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </tbody> </table>				% Coverage	INVERT # Times Sampled	PERI # Times Sampled	Woody Debris (Snags)	☐	☐	☐	Undercut Banks / Roots	<u>5</u>	☐	☐	Leaf Packs or Mat	☐	☐	☐	Aquatic Vegetation	☐	☐	☐	Rock or Shell Rubble..	<u>22</u>	☐	☐	Sand.....	☐	☐	☐	Mud / Muck / Silt	☐	☐	☐	Other	☐	☐	☐	Other	☐	☐	☐	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>108</u></td> </tr> <tr> <td>Mid:</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Bottom</td> <td><u>0.1</u></td> <td><u>20.6</u></td> <td><u>7.8</u></td> <td><u>8.1</u></td> <td><u>90.2</u></td> <td><u>411</u></td> <td><u>0.2</u></td> <td><u>0.2</u></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>108</u>	Mid:	☐	☐	☐	☐	☐	☐	☐	☐	Bottom	<u>0.1</u>	<u>20.6</u>	<u>7.8</u>	<u>8.1</u>	<u>90.2</u>	<u>411</u>	<u>0.2</u>	<u>0.2</u>
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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: _____			Water Surface Oils Normal ☐ Sheen ☐ Globbs ☐ Slick ☐ Other ☐																																																																														
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 <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:	☐	☒	☐	☐																																																			
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AMBIENT FIELD CONDITIONS / NOTES: 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>Jeremy Parnell</u>			SIGNATURE: <u>5/2/18</u>																																																																														

74347 DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: <u>Lake Alice outlet to Newell</u>					County: <u>Hudson</u>		Date: <u>5/2/18</u>		Investigators: <u>J. Ramsh</u>	
Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	STORET Station Number:
0	1	N	N		60	1	N	N		Secchi depth <u>1.07</u> Estimated? <u>2.1</u>
	2					2				
	3					3				# points ranked 4-6 <u>0</u> total points assessed <u>99</u> % points ranked 4-6 <u>0</u>
	4					4				
	5			96		5			96	
	6					6				
	7					7				Check accompanying data collected at same site/date: Algal mat sample <u>-</u> Linear Veg Survey <u>✓</u> Habitat Assessment <u>✓</u> SCI/Biorecon <u>✓</u> Water sample <u>✓</u> RQ-2018-04-23-21
	8					8				
	9					9				
10	1	N	N		70	1	N	N		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
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
20	1	N	N		80	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
30	1	N	N		90	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
40	1	N	N		100	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
50	1	N	N		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%.					
	2									
	3									
	4									
	5			96						
	6									
	7									
	8									
	9									

Duplicate

Time Zone:	EST	CEN	Time:	10:55	Field ID:	
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration pH Chec
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☐ Ice ☐ H ₂ SO ₄		☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP			☐ Ice ☐ HNO ₃		☐ < 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		
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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R			☐ Ice ☐ Other		
TRACERS W-E8321-DI W-E8321-MS ICE						

Blank

Time Zone:	EST	CEN	Time:	1145	Field ID:	Blank 05022018
DI Source:				Location:	Alice O'Neil - newell	
☒ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank	Equipment ID:			
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration pH Chec
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☐ H ₂ SO ₄	7341020	12/7/18 ☒ < 2
Metals	☒ W-ICPMS ☐ W-ICP			☒ Ice ☒ HNO ₃	7261120	☐ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter			☒ Ice	R7HA24559	
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		
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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R			☐ Other	PCL SQ	

Notes:	Field ID:	
		BLANK 05022018
		Field Blank
		Location: NE ROC DI
Signature: 	Date:	5/2/18

Enter Field Parameters, Verify Station ID In LIMS DMT:	QC Station ID, Field Parameters In LIMS DMT:
(Initials/Date)	(Initials/Date)
Scan/Save Field Sheets	Migrate Data to WIN: Verify Data In WIN:

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

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

Florida Department of Environmental Protection
Central Laboratory Submittal Form

DEAR MED ROC

Field Report Prepared By:

P. O'Connor

Sampling Agency:

DEAR MED ROC

20020109



☐ Comp	Collection (comp begin or grab)	<u>Eastern</u>	Composite end	Bottle
☒ Grab	Date 05-02-18 Time 0940	Central	Date	Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Total Res. Chlorine		(See pg 2)
Surface Fresh		☒ mg/L		
		☐ % sat		
Temp	pH	Sample Depth	Sp. Conductance	
19.7	7.1	0.1	269	A

dd	Salinity	Comments
0 dms	0.13 (ppt)	Do 0/6 9/1.1

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Route Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L	Total Res. Chlorine (mg/L)				

WINSTORET #	Temp (C)	pH	Sample Depth	Sp. Conductance		Date
				☐ ft ☐ m	☐ % sat (mg/L)	

Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments
Location	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end
				Bottle	Ground(s)

Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Time		Central		Lime
			Grab	Date	Date		
		☐ mg/L ☐ % sat					

WINDSTORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd	Longitude	☐ dd	Salinity	Comments	

	☐ dms	☐ dms	(ppt)			
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 Total Res: Chlorine ☐ % sat (mg/L)
WIN/STORET #	Temp pH	Sample ☐ ft Sp. Conductance

Latitude		Longitude		Salinity (ppt)	Comments	Depth	
☐ dd ☐ dms	☐ dd ☐ dms	☐ dd ☐ dms	☐ dd ☐ dms			☐ m (umino/crit)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
POCanna	1500 05-02-18	FEDEX	3 (to Fed)		

Group: A	Bottle Type: P-120ML-WC-THI NED-AEG-EC	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to AEL GAINESVILLE
Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER PCR-HF183	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-120ML-WC-THI NED-AEG-EC	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to AEL GAINESVILLE
Group: B	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	21 p0
Group: B	Bottle Type: BG-500ML W-CARB-AA	# of Bottles: 2	Preservative: CH2ClCOOH Pre-Preserved		Enter Number of Bottles Sent to Lab	21
Group: B	Bottle Type: BG-500ML W-CT-CLR W-PCL-SQ-R	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2 p0 on following sheet

4/5

Group: B Bottle Type: P-500ML # of Bottles: 2 Preservative: HNO3 Enter Number of Bottles Sent to Lab 2
W-ICP
W-ICPMS

Group: B Bottle Type: P-500ML # of Bottles: 2 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: 2 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 2
W-PO4-F

Group: B Bottle Type: BG-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 4
W-PSNP-TQ

Group: C Bottle Type: P-1L # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: C Bottle Type: BP-1L # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
CHLSUITE-W

Group: C Bottle Type: P-120ML-WC-THI # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
NED-AEG-EC

Group: C Bottle Type: P-125ML # of Bottles: 2 Preservative: FILTER-H2SO4-1 CE Enter Number of Bottles Sent to Lab 0
W-NH3-F

Group: C Bottle Type: P-500ML # of Bottles: 2 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

* ADD W-NH3 Please

5/5

Group: C

Bottle Type:

P-125ML

of Bottles: 2

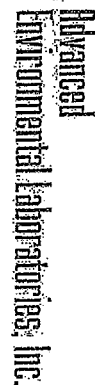
Preservative:

FILTER-ICE

Enter Number of Bottles Sent to Lab

2

W-PO4-F



✓ **Altamonte Springs:** 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.997.1594 • Fax 407.997.1597
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