



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER QUALITY MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

WIN / Field ID:



20030653

January 2018

Date: 8/30/2018
(mm/dd/yyyy)

TERRAPIN CREEK AT FAYE ROAD

WBID: 2204

Latitude: 30.434361

County: Duval

ORG ID: 21FLA

Longitude: -81.565555
(Decimal Degrees)

Receiving Body of Water: Dunn Creek

RQ-2018-08-27-19

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Parrish										☒ Sample Container	☐ Van Dorn	☒ Pole		
A. Kalmbacher										☐ Carboy	☐ Syringe			
C. Ruben										☐ Dipper	☐ Other			
										Depth Measured with <u>Pro DSS</u>				
										Equipment ID <u>Secchi</u>				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☒ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>YSI ProDSS</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: <u>Yes</u> No					Flow: No Flow / Interstitial / Flowing / NA					Tide: Rising/ Falling/ Slack <u>NA</u>				
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	845	<u>0.1</u>	<u>0.05</u>	<u>0.15</u>	<u>6.1</u>	<u>73.6</u>	<u>6.54</u>	<u>0.07</u>	<u>148</u>	<u>24.9</u>				
CEN														
Biological Samples Collected: <u>None</u> 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	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP					☒ Ice ☒ H2SO4	<u>SA8085170</u>	<u>3/2019</u>	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R7HA29005</u>							
Chlorophyll	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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 ☒ W-CARB-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								
W28321-DI					W28321-MS									

Notes:

Place Label Here

Signature: A. Kalmbacher

Date: 8-30-2018

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

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

SAMPLE ID _____ ORG ID _____ LATITUDE _____
 COUNTY _____ STORET # _____ LONGITUDE _____
 DATE 8/30/18 TIME 845 SAMPLING AGENCY FDOP NE
 SITE NAME Terrapin @ Faye Rd.
 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 <u>25</u> Silviculture _____ Field/Pasture <u>25</u> Agricultural _____ Residential _____ Commercial <u>50</u> 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 <u>1.5</u> m wide _____ m/s <u>0.125</u> m/s _____ m/s _____ m deep <u>0.1</u> m deep _____ m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>18</u> Right Bank: <u>12</u>				Hydrologic Modification Score (per FT 3101) _____			
High Water Mark: <u>0.9</u> + <u>0.6</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><u>100</u></td> <td></td> <td></td> </tr> <tr> <td>Undercut Banks / Roots</td> <td><u>100</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></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)	<u>100</u>			Undercut Banks / Roots	<u>100</u>			Leaf Packs or Mat				Aquatic Vegetation				Rock or Shell Rubble				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.C. (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>0.15</u></td> </tr> <tr> <td>Mid:</td> <td></td> <td><u>24.9</u></td> <td><u>6.54</u></td> <td><u>6.1</u></td> <td><u>73.6</u></td> <td><u>148</u></td> <td><u>0.07</u></td> <td>TOTAL DEPTH</td> </tr> <tr> <td>Bottom:</td> <td><u>0.1</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other (Specify) _____				Depth (M)	Temp. (°C)	pH (SU)	D.C. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)	Top:								<u>0.15</u>	Mid:		<u>24.9</u>	<u>6.54</u>	<u>6.1</u>	<u>73.6</u>	<u>148</u>	<u>0.07</u>	TOTAL DEPTH	Bottom:	<u>0.1</u>							
	% Coverage	INVERT # Times Sampled	PERI # Times Sampled																																																																														
Woody Debris (Snags)	<u>100</u>																																																																																
Undercut Banks / Roots	<u>100</u>																																																																																
Leaf Packs or Mat																																																																																	
Aquatic Vegetation																																																																																	
Rock or Shell Rubble																																																																																	
Sand																																																																																	
Mud / Muck / Silt																																																																																	
Other																																																																																	
Other																																																																																	
	Depth (M)	Temp. (°C)	pH (SU)	D.C. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)																																																																									
Top:								<u>0.15</u>																																																																									
Mid:		<u>24.9</u>	<u>6.54</u>	<u>6.1</u>	<u>73.6</u>	<u>148</u>	<u>0.07</u>	TOTAL DEPTH																																																																									
Bottom:	<u>0.1</u>																																																																																
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: _____ Exp: _____			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 <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:	☐	☐	☒	☐	AMBIENT FIELD CONDITIONS / NOTES: <u>low water amount &</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.																																																					
	Not Obs.	Rare	Common	Abundant																																																																													
Periphyton:	☒	☐	☐	☐																																																																													
Fish:	☐	☒	☐	☐																																																																													
Aquatic Plants:	☐	☒	☐	☐																																																																													
Iron/Sulfur Bacteria:	☐	☐	☒	☐																																																																													
SAMPLING TEAM <u>Plan</u>			SIGNATURE <u>gbr</u>																																																																														

74402

(AW)

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Terrapin @ Saxe County: Wval Date: 8/30/18 Investigators: John

STORET Station Number:

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	
0	1	N	N		60	1	N	N		
	2					2				
	3					3				
	4					4				
	5					5				96
	6					6				
	7					7				
	8					8				
	9					9				
10	1	N	N		70	1	N	N		
	2					2				
	3					3				
	4					4				
	5					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					5				90
	6					6				
	7					7				
	8					8				
	9					9				
30	1	N	N		90	1	N	N		
	2					2				
	3					3				
	4					4				
	5					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					5				96
	6					6				
	7					7				
	8					8				
	9					9				
50	1	N	N			1	N	N		
	2					2				
	3					3				
	4					4				
	5					5				92
	6					6				
	7					7				
	8					8				
	9					9				

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

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 densimeter 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%.

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

1K 78802

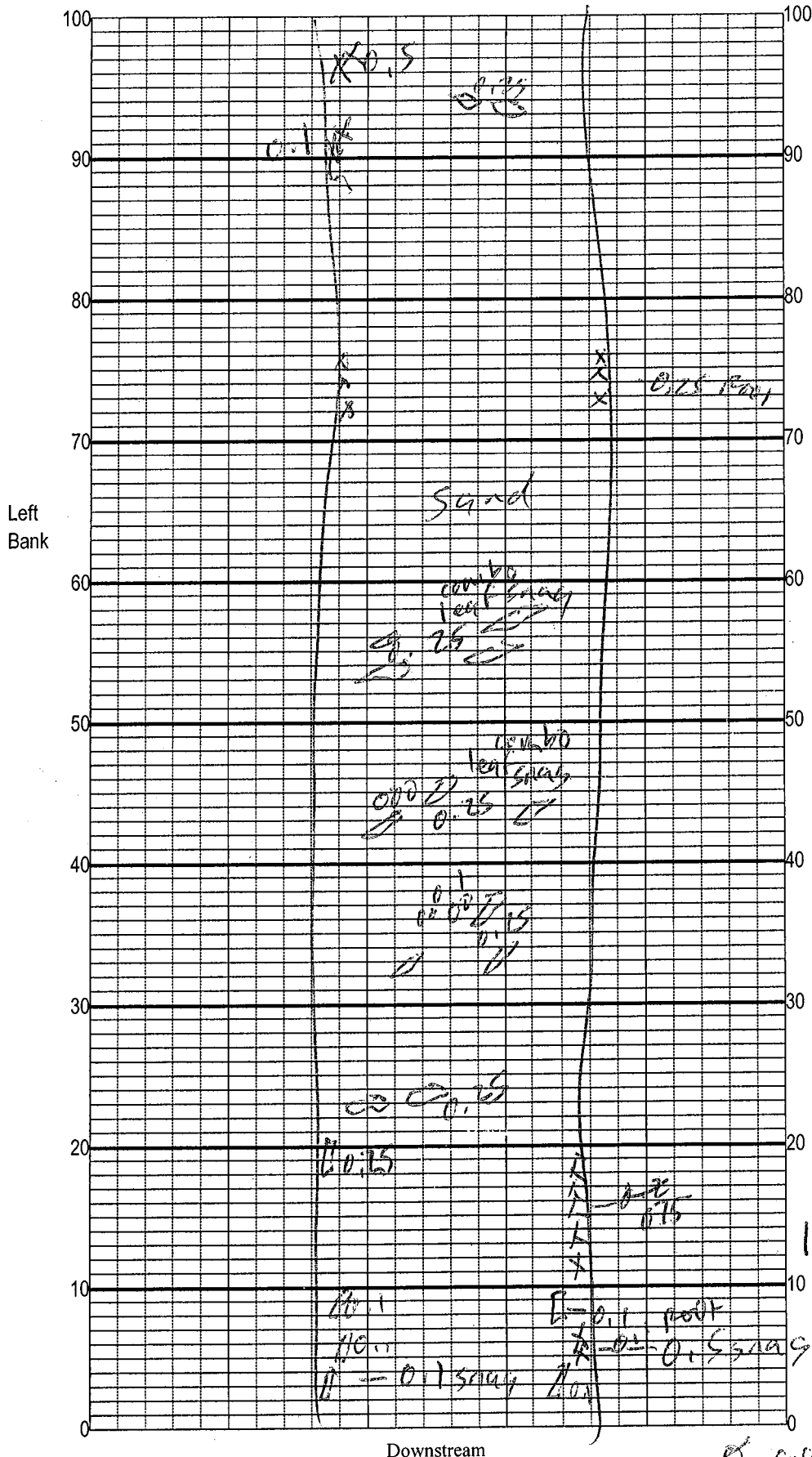
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER:	DATE (MM/DD/YY): 8/30/18	RECEIVING BODY OF WATER:
REMARKS:	COUNTY:	LOCATION: Terapine Faye Rd.		FIELD ID/NAME:

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>6</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 <u>6</u>	5 4 3 2 1
Substrate Availability <u>43</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 <u>43</u> 5 4 3 2 1
Water Velocity <u>11</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 <u>11</u>	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>10</u> Primary Score <u>30</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). <u>10</u> 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	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks.	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered.	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area.	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks.
Artificial Channelization <u>10</u>	20 19 18 17 16	15 14 13 12 11	<u>10</u> 9 8 7 6	5 4 3 2 1
Bank Stability Right Bank <u>4</u> Left Bank <u>4</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. <u>5</u> <u>4</u>	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>8</u> Left Bank <u>10</u>	Width of vegetation greater than 18 m 10 9	Width of vegetation >12 to 18m <u>8</u> 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>9</u> Left Bank <u>10</u> Secondary Score <u>56</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. <u>10</u> <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. <u>8</u> 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: 8/30/18	Analyst: <i>[Signature]</i>	Signature: <i>[Signature]</i>
---------------	-----------------------------	-------------------------------

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



Location: Terrapine Faye Rd.
 Date: 8/30/18
 Sampler: JP/CR

100 m: Latitude _____	Longitude _____
0 m: Latitude _____	Longitude _____
Substrates: Code key, draw proportionate habitat abundance. %	
☒ Snags	1.5
☒ Roots/undercut banks	1.25
☒ Leaf Packs (or mats)	_____
☒ Aquatic Macrophytes	_____
☐ Rock	_____
☐ Pools	total # observed = _____ # range expected = _____
Average width <u>1.75</u> m	
Average depth <u>0.1</u> 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.	

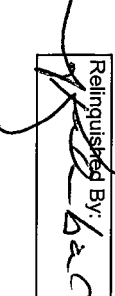
Plants observed / other notes:

1.7 Root
 22 M of Macrophytes was observed while doing the LVS? YES or NO
 Root = 0.1 + 0.25 + 0.25 + 0.6
 Snag = 1.5 + 0.25 + 0.25
 0.25 m
 1.50
 1.75 meters

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

Customer: NE-DIST
Project ID: SMP
Requester: Jeremy M. Parrish
Collected By: J. Parrish
Field Report Prepared By: A. Kelmbacher
Sampling Agency: FDEP/NE ROC

WIN / Field ID:  20030653		☐ Comp ☒ Grab Collection (comp begin or grab) Date 8-30-2018 Time 0845		☐ Eastern ☒ Central Composite end Date		Bottle Group(s) (See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.1		☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)			
Temp (C) 24.9		pH 6.54		Sample Depth 0.05		☐ ft ☒ m Sp. Conductance (umho/cm) 142	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Comments			
TERRAPIN CREEK AT FAYE ROAD							
WIN / Field ID:  20030753		☐ Comp ☒ Grab Collection (comp begin or grab) Date 8-30-2018 Time 1020		☐ Eastern ☒ Central Composite end Date		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.63		☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)			
Temp (C) 24.8		pH 6.4		Sample Depth 0.3		☐ ft ☒ m Sp. Conductance (umho/cm) 110	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Comments			
TROUT RIVER AT OLD KINGS RD							
WIN / Field ID:  20030897		☐ Comp ☒ Grab Collection (comp begin or grab) Date 8-30-2018 Time 1050		☐ Eastern ☒ Central Composite end Date		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)			
Temp (C) 25.1		pH 6.9		Sample Depth 0.1		☐ ft ☒ m Sp. Conductance (umho/cm) 495	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Comments			
MONCRIEF CR @ 21ST ST.							
WIN / Field ID:  20030891		☐ Comp ☒ Grab Collection (comp begin or grab) Date 8-30-2018 Time 1145		☐ Eastern ☒ Central Composite end Date		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.89		☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)			
Temp (C) 25.7		pH 7.03		Sample Depth 0.3		☐ ft ☒ m Sp. Conductance (umho/cm) 308	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Comments			
Goodbys CR Above West Branch at San Clerc.							

Relinquished By: 	Date/Time: 8-30-2018	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By:	Date/Time:
---	----------------------	------------------------	------------------------------	--------------	------------

Group: A	Bottle Type: P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
NE-ALS-ECQ					
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
PCR-FILTER					
Group: A	Bottle Type: BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
W-E8321-DI W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-CL-IC					

A. Kalmbacher

20030537

11

Time

S. Chloris

6

1000

Time

s. Chlorin

6

1

H
3
0

S. Chloris

©

...the ...

7-4

Date / /

Date/Time	
-----------	--

Group: A	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
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Project Name EMAF 2		Project Number RA2018-08-27-19		ANALYSIS REQUESTED (Include Method Number and Container Preservative)							
Project Manager Jeremy Parish		Email Address jeremy.parish@als.com									
Company/Address 8800 Broomfield Dr. W Jacksonville FL 32256		FAX #		PRESERVATIVE B							
Phone # 904-256-1770		FAX #									
Sample Signature <i>[Signature]</i>		Sampler's Printed Name Angela M. Baker		NUMBER OF CONTAINERS 10							
CLIENT SAMPLE ID		LAB ID	SAMPLING DATE			TIME	MATRIX				
20030653		8-30				845	SW				
20030753						1026	SW				
20030897						1050	SW				
20030837				1125	SW						
20030891				1145	SW						
SPECIAL INSTRUCTIONS/COMMENTS											
						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:											
Signature											
Printed Name											
Firm											
Date/Time											

0.0°C

See QAPP ☐

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

RELINQUISHED BY

RECEIVED BY

CUSTODY SEALS: Y N

RECEIVED BY

RELINQUISHED BY

RECEIVED BY