

CHECK LIST FOR WATER CHEMISTRY DATA ASSOCIATED WITH EIA
BIOASSESSMENT

RQ#: 2016-05-23-79 EventID# _____

Sampling Date: 05/24/2016 Sampling Crew: Judy Arnton, Ashley Selmeron

Site(s)/STORET #: Little Manatee Ref. 24010017

WBID 1790

STORET /LIMS:

Sonde: Pass/ failed CCV
Parameter(s): _____

- ☐ 1. Spread Sheet (LIMS Input) _____ / _____
Initials Date
- ☐ 2. QC 1 _____ / _____ ☐ 3. QC 2 _____ / _____
Initials Date Initials Date
- ☐ 4. SIM File Generated _____ / _____
Initials Date
- ☐ 5. STORET Upload _____ / _____
Initials Date

Biology:

SBIO ID# _____
VPDB ID# _____

- ☐ 6. Site and Event established in SBio?
- ☐ 7. Habitat Data and YSI Entered Into SBIO _____ / _____
Initials Date
- ☐ 8. Habitat Data and YSI QC _____ / _____
Initials Date
- ☐ 9. SBio data marked complete _____ / _____
Initials Date
- ☐ 10. Macrophyte Data Entered into VPDB _____ / _____
Initials Date
- ☐ 12. Field Paperwork Filed In Biology Lab _____ / _____
Initials Date
- ☐ 13. Macrophyte Data QC _____ / _____ 11. Macrophyte Data Marked Complete _____ / _____



LAB NUMBER

Page

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CLIENT NAME		FDEP - SW District		PROJECT NAME		P.O. NUMBER/PROJECT NUMBER		TMDL / SMP	
ADDRESS		13051 N. Telecom Pkwy		P.O. BOX 13051		TALLAHASSEE, FL 32309			
PHONE		813-470-5700		FAX		813-470-5996			
CONTACT		NORTHON, Rebecca		SAMPLER BY		LLOYD, Andrew			
TURN AROUND TIME		STANDARD		RUSH					
Field ID		SITE NAME		Grab		DATE		TIME	
SW=surface water		GW=ground water		DW=drinking water		C=oil		A=air	
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DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: <u>Little Manatee Ref</u>					County:		Date: <u>05/24/2016</u>		Investigators: <u>Judy Ashton, Ashley Palmeron</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			60	1	N			Secchi depth Estimated?
	2					2				
	3					3				
	4					4				
	5			84		5			73	
	6					6				
	7					7				
	8					8				
	9	N				9	N			
10	1	N			70	1	N			# points ranked 4-6 total points assessed % points ranked 4-6
	2					2				
	3					3				
	4					4				
	5			90		5			96	
	6					6				
	7					7				
	8					8				
	9	N				9	N			
20	1	N			80	1	N			Check accompanying data collected at same site/date
	2					2				
	3					3				
	4					4				
	5			87		5			94	
	6					6				
	7					7				
	8					8				
	9	N				9	N			
30	1	N			90	1	N			Algal mat sample Linear Veg Survey Habitat Assessment SCI/Biorecon Water sample
	2					2				
	3					3				
	4					4				
	5			80		5			91	
	6					6				
	7					7				
	8					8				
	9	N				9	N			
40	1	N			100	1	N			RQ- 2016-05-23-48
	2					2				
	3					3				
	4					4				
	5			91		5			75	
	6					6				
	7					7				
	8					8				
	9	N				9	N			
50	1	N				1	N			*If you can see the secchi on the bottom, but you cannot see or reach surrounding substrate use "X" and check estimated
	2					2				
	3					3				
	4					4				
	5			90		5				
	6					6				
	7					7				
	8					8				
	9	N				9	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%.

Storet Number:

Signature: _____

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² 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.

		Meter Mark									Specimen collected (check)			Meter Mark									Specimen collected (check)					
		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90				90-100	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80		80-90	90-100			
HERBACEOUS SPECIES													HERBACEOUS SPECIES															
<i>Alternanthera philoxeroides</i>													<i>Micranthemum glomeratum</i>															
<i>Bacopa caroliniana</i>													<i>Micranthemum umbrosum</i>															
<i>Bacopa monnieri</i>													<i>Myriophyllum aquaticum</i>															
<i>Bidens mitis</i>													<i>Najas guadelupensis</i>															
<i>Boehmeria cylindrica</i>													<i>Nasturtium officinalis</i>															
<i>Centella asiatica</i>													<i>Nuphar luteum</i>															
<i>Cephalanthus occidentalis</i>													<i>Orontium aquaticum</i>															
<i>Ceratophyllum demersum</i>													<i>Panicum hemitomon</i>															
<i>Chara</i>													<i>Panicum repens</i>															
<i>Cicuta maculata</i>													<i>Panicum rigidulum</i>															
<i>Cladium jamaicense</i>													<i>Pistia stratioides</i>															
<i>Colocasia esculenta</i>													<i>Polygonum glabra</i>															
<i>Crinum americanum</i>													<i>Polygonum hydropiperoides</i>															
<i>Diodia virginiana</i>													<i>Polygonum punctatum</i>															
<i>Eichhornia crassipes</i>													<i>Pontederia cordata</i>															
<i>Eleocharis (wispy viviparous)</i>													<i>Potamogeton illinoensis</i>															
<i>Hydrilla verticillata</i>													<i>Ruellia simplex</i>															
<i>Hydrocotyle</i>				XX		XX		XX					<i>Rumex verticillatus</i>															
<i>Hygrophila polysperma</i>													<i>Sabal palmetto</i>															
<i>Hymenocallis</i>													<i>Sacciolepis striata</i>															
<i>Itea virginica</i>													<i>Sagittaria kurziana</i>															
<i>Lachnanthes caroliniana</i>													<i>Sagittaria lancifolia</i>															
<i>Landoltia punctata</i>													<i>Sagittaria latifolia</i>															
<i>Lemna</i>													<i>Salix caroliniana</i>															
<i>Limnophila sessiflora</i>													<i>Salvinia minima</i>															
<i>Ludwigia leptocarpa</i>													<i>Samolus parviflora</i>															
<i>Ludwigia palustris</i>													<i>Saururus cernuus</i>															
<i>Ludwigia peruviana</i>																												



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

A-KIT

PAGE 1 OF 1

STO RET Station Name: Little Manatee Ref Date: 05/24/2016
(mm/dd/yyyy)

STO RET Station ID: 24010017 Latitude: 27.0495 N
(Decimal Degrees)

WBED: 1790 RQ: 2016-05-23-49 ORG ID: 21FLTPA Longitude: 82.2943
(Decimal Degrees)

Receiving Body of Water: Tampa Bay Field ID: TP11 County: MANATEE

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ashley Salmeron						X		X	X
Judy Ashton					X		X		

Sampling Equipment		
☐ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID		
Collection Method		
☒ Wading	Via Boat	
☐ From Shore	☐ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

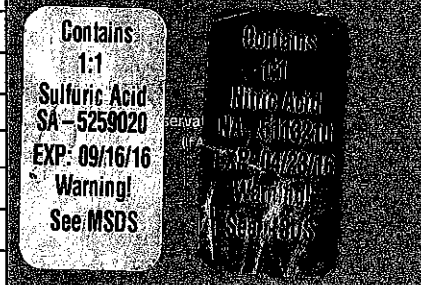
Water Level: Dry / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI

Meter ID# Lil Jon Photos: Yes / No Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (umhos/cm)	Temp. (C°)
EST	1200	0.3	0.5	8.0	93	7.0	0.14	0.5	300	22.9
CEN								"S"		

Biological Samples Collected: None HA SCI LVS RPS LVI Other

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4			☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO2			☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☒ MI-FW-QLDC	☒ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			
Flow m/s	"J" Qualify Flow				



Notes: W-SUC-AA-R, W-UHB-AA-R
PCR-HA-183
SWD-AEL-1C

RQ-2016-05-23-49
Date: 05/24/16
Time: 12:00

LTMANSREF
24010017

Signature: Ashley Salmeron Date: 05/24/2016

Field Parameters Entered into LIMS: _____ (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)
Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: _____ (Initials/Date)

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

SAMPLING AGENCY: <u>FLDEP</u>		STORET STATION NUMBER: <u>24010017</u>	DATE (MM/DD/YY): <u>5/24/16</u>	RECEIVING BODY OF WATER: <u>TAMPA BAY</u>
REMARKS:	COUNTY: <u>MANATEE</u>	LOCATION: <u>LITTLE MANATEE R.</u>	FIELD ID/NAME: <u>TP11</u>	

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>10</u>	20 19 18 17 16	15 14 13 12 11	<u>10</u> 9 8 7 6	5 4 3 2 1
Substrate Availability <u>3</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 <u>3</u> 2 1
Water Velocity <u>B</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 <u>18</u> 17 <u>16</u>	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 <u>15</u> 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>14</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 <u>14</u> 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
Primary Score <u>42</u> 43 <u>45</u>				
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>18</u> <u>10</u>	20 19 <u>18</u> 17 <u>16</u>	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Bank Stability	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 <u>4</u>	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas. <u>3</u> 2 1
Riparian Buffer Zone Width	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	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
Right Bank <u>9</u> <u>10</u> Left Bank <u>10</u>				
Secondary Score <u>62</u>				

107

TOTAL SCORE

Date: <u>5-24-16</u>	Analyst: <u>J. Ashton, A. Salmeron</u>	Signature: <u>[Signature]</u>
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DEP-SOP-001/01: Form FD 9000-3 (9/19/12)
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD SHEET

SAMPLE ID _____ ORG ID 21FLTPA LATITUDE _____
 COUNTY MANATEE STORET # _____ LONGITUDE _____
 DATE 05/24/2016 TIME 12:00 SAMPLING AGENCY DEP
 SITE NAME Little Manatee Ref
 FIELD ID/NAME TP11 LT MANATEE REF RECEIVING BODY OF WATER Tampa Bay

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) ☐ <u>20</u> <u>40</u> <u>40</u>							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>6</u> m wide <u>2</u> m/s <u>0.25</u> m/s m/s m deep <u>0.5</u> m deep m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u><18</u> Right Bank: <u><18</u>				Hydrologic Modification Score (per FT 3101) <u>2</u>			
High Water Mark: <u>1.5</u> + <u>0.5</u> = <u>2.0</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>0.5</u></td> <td><u>7</u></td> <td> </td> </tr> <tr> <td>Undercut Banks / Roots</td> <td><u>1</u></td> <td><u>7</u></td> <td> </td> </tr> <tr> <td>Leaf Packs or Mat</td> <td> </td> <td><u>1</u></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><u>5</u></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>0.5</u>	<u>7</u>		Undercut Banks / Roots	<u>1</u>	<u>7</u>		Leaf Packs or Mat		<u>1</u>		Aquatic Vegetation				Rock or Shell Rubble..				Sand.....		<u>5</u>		Mud / Muck / Silt				Other				Other				WATER QUALITY <table border="1"> <thead> <tr> <th>Depth (M)</th> <th>Temp. (°C)</th> <th>pH (SU)</th> <th>D.O. (MG/L)</th> <th>D.O. (%)</th> <th>Cond. (UMHO/CM)</th> <th>Salinity (PPT)</th> <th>SECCHI (M)</th> </tr> </thead> <tbody> <tr> <td>Top: <u>0.3</u></td> <td><u>22.9</u></td> <td><u>7.0</u></td> <td><u>8.0</u></td> <td><u>93</u></td> <td><u>300</u></td> <td><u>0.14</u></td> <td><u>0.5</u></td> </tr> <tr> <td>Mid: </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td>☒ VOB</td> </tr> <tr> <td>Bottom: </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Meter ID: <u>U1 Jon</u>			Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)	Top: <u>0.3</u>	<u>22.9</u>	<u>7.0</u>	<u>8.0</u>	<u>93</u>	<u>300</u>	<u>0.14</u>	<u>0.5</u>	Mid:							☒ VOB	Bottom:							
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Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☒ Yes ☐ No Lot Number: _____ Exp: _____			Color Tannic ☒ Green (Algae) ☐ Clear ☒ Other (Specify)																																																																										
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WEATHER CONDITIONS / NOTES: <u>Sunny, clear, mid 80's, low humidity</u>																																																																													
☒ The antecedent hydrologic conditions have been met to my best knowledge.																																																																													

SAMPLING TEAM Judy Ashton, Ashley Salmeron **SIGNATURE:** Judy Ashton **DATE:** 5-24-16

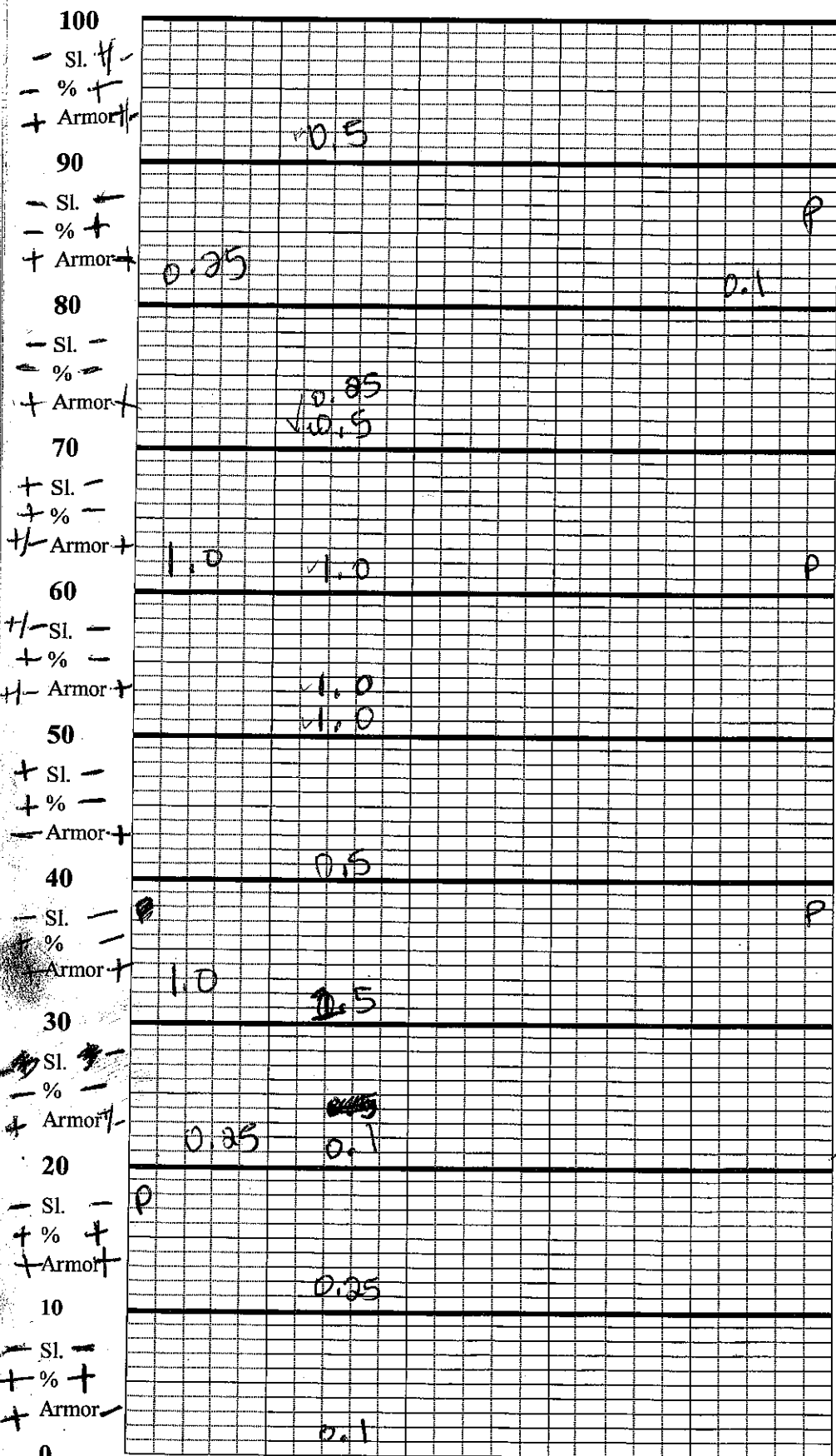
Stream/River Habitat Sketch Sheet, Form FD 9000-4 (March 07, 2013)

Length of grid represents 100 m of stream (not linear meters).

(Horizontal scale is double vertical scale, draw proportionately).

L

R



Location: Little Manatee R+

Date: 05/24/2010

Samplers: Judy Ashton
Ashtley Salmon

Substrates: Code key, draw proportionate habitat abundance. %

S Snags 0.5

R Roots/undercut banks 2.1

L Leaf Packs (or mats)

V Macrophytes

Total observed

P Pools Range expected 4

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.

1 sec per 1 m	1m/s	sec	m/s
2	0.5	12	0.08
3	0.33	13	0.076
4	<u>0.25</u>	14	<u>0.071</u>
5	0.2	15	0.066
6	0.16	16	0.062
7	0.14	17	0.058
8	0.12	18	0.055
9	0.11	19	0.052
10	0.1	20	0.052
11	0.09	21	0.047
22	0.045	NO	FLOW

Prod. hab	1	2	3	4	5
Sweeps (Maj)	10	<u>7</u>	5	4	3
Sweeps (Min)	10	<u>6</u>	5	4	5

width = 1cm

1790 LT MANSFREE (TP 11)
27.6495N, -82.2943

1790

Packing House Rd

679 679

FedEx Express Package
Tracking Number 8100 1918 0917

1 From Please print and press hard.
Date 5-24-16 Sender's FedEx Account Number

Sender's Name
Company FDEP
Address 13051 N. Tallon Ave
City Tampa FL State FL ZIP 33637

Address 2600 BLAIRSTONE RD
City TALLAHASSEE FL ZIP 32399

Address 2600 BLAIRSTONE RD
City TALLAHASSEE FL ZIP 32399

Address 2600 BLAIRSTONE RD
City TALLAHASSEE FL ZIP 32399

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To Recipient's Name
Company FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD
City TALLAHASSEE FL ZIP 32399

Address 2600 BLAIRSTONE RD
City TALLAHASSEE FL ZIP 32399

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Form ID No. 0215

4 Express Package Service

Next Business Day

FedEx First Overnight
FedEx Priority Overnight
FedEx Standard Overnight

FedEx 2Day
FedEx 2Day A.M.
FedEx Express Saver

FedEx 2Day
FedEx 2Day A.M.
FedEx Express Saver

5 Packaging

6 Special Handling and Delivery Signature Options

7 Payment Bill to:

8 Total Packages

9 Total Weight

10 Total Declared Value

11 Total Packages

12 Total Weight

13 Total Declared Value

14 Total Packages

15 Total Weight

16 Total Declared Value

17 Total Packages

18 Total Weight

19 Total Declared Value

20 Total Packages

21 Total Weight

22 Total Declared Value

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31 Total Declared Value

32 Total Packages

33 Total Weight

34 Total Declared Value

35 Total Packages

36 Total Weight

37 Total Declared Value

38 Total Packages

39 Total Weight

40 Total Declared Value

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SCIREF

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: Judy Ashton, Ashley Sanchez

Sampling Agency: GLEP

Location		Little Manatee R. NEK SITE		Composite end		Bottle Group(s)	
Field ID		RQ-2016-05-23-49		Date 5-24-16 Time 12:00		(See pg 2)	
STORE #		Date: 05/24/16		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
Latitude		Time:		Temp (C) 22.9		Total Res. Chlorine (mg/L)	
				pH 7.0		% sat	
				Sample Depth 0.3		Sp. Conductance (umho/cm)	
				Comments		300	
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date		Date		Time	
STORE #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)	
		Salinity (ppt)		Comments			
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Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)	
		Salinity (ppt)		Comments			

Relinquished By: Judy Ashton	Date/Time: 5-24-16 5:00	Shipping Method: Pkelp	Number of Coolers Shipped: 1	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY							
TURBIDITY							
W-BR-IC							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							

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

Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
PCR-HF183							

Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-SUC-AA-R							
W-UHB-AA-R							

Group: B	Bottle Type:	PJ-2L	# of Bottles: 4	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2
MI-FW-QLDC							

Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
SWD-AEL-FC							

over at 2 AEL