



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

A-KIT

PAGE 1 OF 1

Data Qualified?

Yes / No

STORET Station Name: ROCKY CREEK - SC1 Date: 2-7-17

STORET Station ID: 61SW0053 WBID: 1507 Latitude: 28°03'03.65"N

County: HILLS RQ - 2017-02-06-27 ORG ID: 21FLTPA Longitude: 82°35'41.64"W

Receiving Body of Water: _____ Field ID: 61SW0053

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>RAY ASHTON</u>		☒	☒	☒	☒	☒
<u>SMITH RYAN</u>		☒	☒	☒	☒	☒

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 / Pooled / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI

Meter ID# L1L 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°)
<u>EST</u>	<u>12:00</u>	<u>0.8</u>	<u>0.8</u>	<u>8.7</u>	<u>93</u>	<u>7.4</u>	<u>0.19</u>	<u>0.8</u>	<u>391</u>	<u>18.5</u>
CEN								<u>"S"</u>		

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

SBIO ID Numbers: HA 11501 SBIO-ID: 71308 RPS-ID: 8661 Macrophyte-ID: _____ LIMS#: 1810771

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-P04-F ☐ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CLIC / W-COLOR / W-S04-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 ☐ Enteroc ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____			
Flow	<u>"J"</u> Qualify Flow				

Notes: _____

RQ-2017-02-06-27
Date: 02/07/17
Time: _____
ROCKY CRK

G1SW0053
↓ STORET Field ID ↑
61SW0053

Signature: [Signature] Date: 2-7-17

Field Parameters Entered into LIMS: SM 02/09/2017 Field Parameters QC in LIMS: SE 02/13/2017 SM 04/19/2017

Date Migrated to STORET: MB 8/16/17 Field Sheets Scanned/Saved: SM 08/18/2017

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

100

Sl.

%

Armor

90

Sl.

%

Armor

80

Sl.

%

Armor

70

Sl.

%

Armor

60

Sl.

%

Armor

50

Sl.

%

Armor

40

Sl.

%

Armor

30

Sl.

%

Armor

20

Sl.

%

Armor

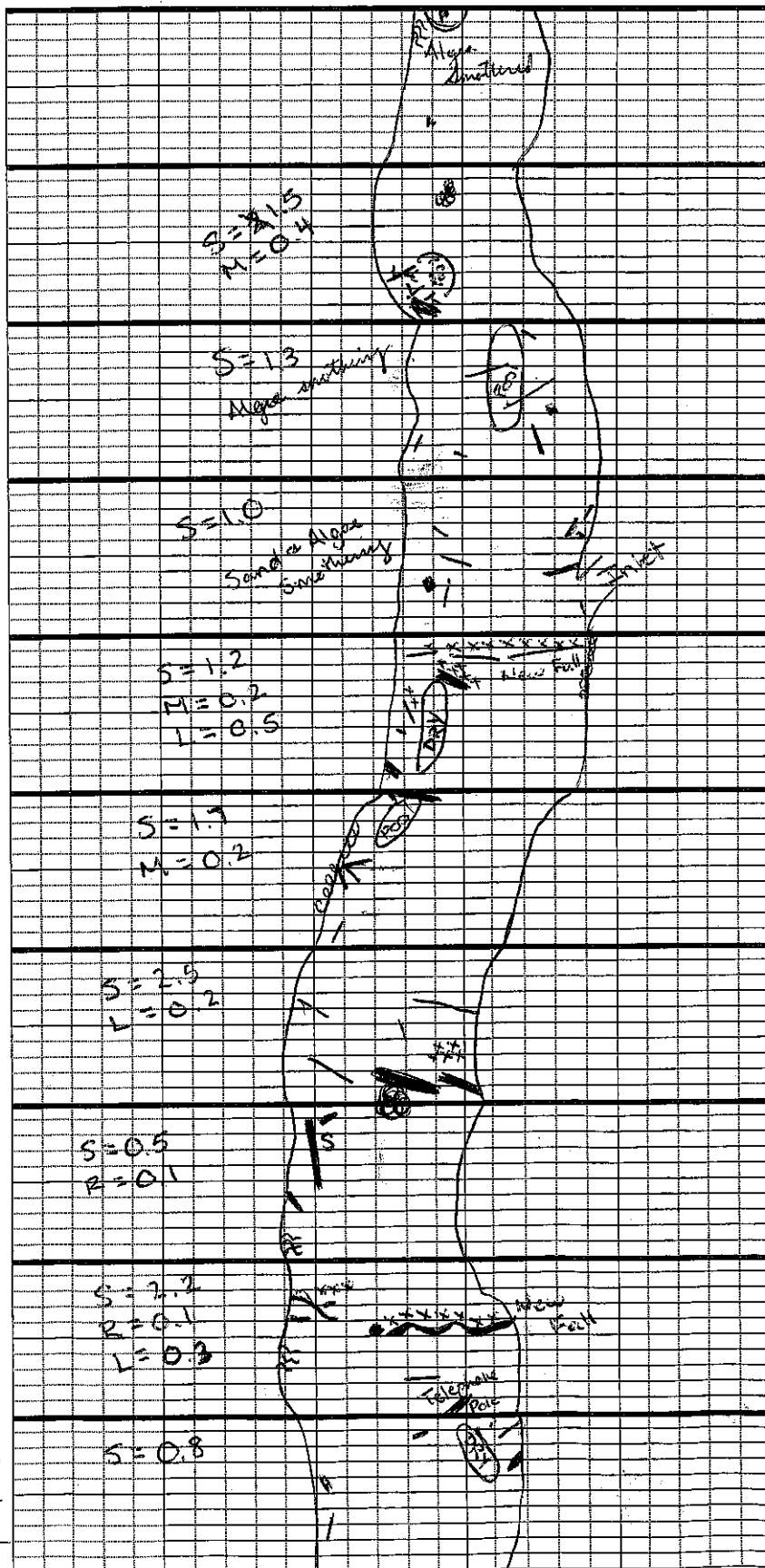
10

Sl.

%

Armor

0



S=12.7m
R=0.2m
L=0.5m
M=0.4m

Downstream

Location: Rocky Crk

Date: 02/07/2017

Samplers: J Ashton

S Meyer

Substrates: Code key, draw proportionate habitat abundance. %



Snags

2.3



Roots/undercut banks



Leaf Packs (or mats)



Macrophytes





Total observed



Pools Range expected 2-3

Velocity measured at 100 meter mark.

WQ & chemistry taken at 100 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	0.25	14	0.071
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	0.52
10	0.1	20	0.52
11	0.09	21	0.47
22	0.45	NO	FLOW

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

DEP-SOP-001/01: Form FD 9000-3 (9/19/12)
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD SHEET

SAMPLE ID _____ ORG ID _____ LATITUDE _____
 COUNTY Hills STORET # G1SW0053 LONGITUDE _____
 DATE 2-7-17 TIME 1200 SAMPLING AGENCY PAEP
 SITE NAME Rocky Creek
 FIELD ID/NAME _____ RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category):
 Forest/Natural 10 Silviculture _____ Field/Pasture 30 Agricultural _____ Residential 60 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

Width of Riparian Vegetation (m) on Each Buffer Side
 Left Bank: 718 Right Bank: 218 Hydrologic Modification Score (per FT 3101) 5

High Water Mark: 1.2 + 0.8 = 2.0 Artificially Impounded
 (m) (above present water level) (present depth) (above bed) ☐ 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%)

Typical Width (m) Depth (m)/Velocity (m/sec) Transect
5.5 m wide
 _____ m/s 0.3 m/s _____ m/s
 _____ m deep 0.3 m deep _____ m deep

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

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	<u>2.3</u>	<u>10</u>	
Undercut Banks / Roots			
Leaf Packs or Mat		<u>0.5</u>	
Aquatic Vegetation			
Rock or Shell Rubble..			
Sand.....		<u>9.5</u>	
Mud / Muck / Silt			
Other			
Other			

WATER QUALITY
 Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. (%) Cond. (UMHO/CM) Salinity (PPT) SECCHI (M)
 Top: 0.8 18.5 7.4 8.7 93 391 0.19 0.8
 Mid: _____
 Bottom: _____
 Meter ID: Lil Jon ☒ VOB
 SITE DEPTH 0.8

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

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

Water Sample Taken? ☒ Yes ☐ No
 Sample Preserved? ☒ Yes ☐ No
 Lot Number: _____ Exp: _____

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 ☐

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

WEATHER CO RQ-2017-02-06-27
 Date: 02/06/2017
 Time: _____
 ROCKY CRK
☐ The antecel

ABUNDANCE
 Absent Rare Common Abundant
 Periphyton: ☐ ☐ ☐ ☒
 Fish: ☐ ☒ ☐ ☐
 Aquatic Plants: ☐ ☒ ☐ ☐
 Iron/Sulfur Bacteria: ☐ ☐ ☐ ☐

SAMPLING TEAM

Judy Ashton & Sarah Meyer

SIGNATURE:

Sarah Meyer

DATE:

02/06/2017

Storet Number:

615W0053

Comments: Less than 2m²

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.

spaces for additional taxa names.

HERBACEOUS SPECIES	Meter Mark										Specime n collected (check)	HERBACEOUS SPECIES	Meter Mark										Specime n 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	
<i>Altmanthera philoxeroides</i>					X							<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>Nuphar luteum</i>											
<i>Centella asiatica</i>												<i>Orontium aquaticum</i>											
<i>Cephalanthus occidentalis</i>												<i>Panicum hemitomon</i>											
<i>Ceratophyllum demersum</i>												<i>Panicum repens</i>											
<i>Chara</i>												<i>Panicum rigidulum</i>											
<i>Cicuta maculata</i>												<i>Pistia stratioides</i>											
<i>Cladium jamaicense</i>												<i>Polygonum glabra</i>											
<i>Colocasia esculenta</i>												<i>Polygonum hydropiperoides</i>											
<i>Crinum americanum</i>												<i>Polygonum punctatum</i>											
<i>Diodia virginiana</i>												<i>Pontedaria cordata</i>											
<i>Eichhornia crassipes</i>												<i>Potamogeton illinoensis</i>											
<i>Eleocharis (wispy viviparous)</i>												<i>Ruellia simplex</i>											
<i>Hydrilla verticillata</i>									X			<i>Sacciolepis striata</i>											
<i>Hydrocotyle</i>												<i>Sagittaria kurziana</i>									X		
<i>Hygrophila polysperma</i>												<i>Sagittaria lancifolia</i>											
<i>Hymenocallis</i>												<i>Sagittaria latifolia</i>											
<i>Itea virginica</i>												<i>Salix caroliniana</i>											
<i>Lachnanthes caroliniana</i>												<i>Salvinia minima</i>											
<i>Landoltia punctata</i>												<i>Samolus parviflora</i>											
<i>Lemna</i>												<i>Saururus cernuus</i>											
<i>Limnophila sessiflora</i>												<i>Typha</i>											
<i>Ludwigia leptocarpa</i>												<i>Vallisneria americana</i>											
<i>Ludwigia palustris</i>												<i>Zizania aquatica</i>											
<i>Ludwigia peruviana</i>																							
<i>Ludwigia repens</i>												<i>Toxodium</i>				X							
<i>Luziola fluitans</i>																							

If no Dominant or Co-Dominant were selected, indicate with an "X"

Indicate % cover macrophytes per section

[illegible]

>5 and ≤10% Macrophyte Coverage

>10 and ≤25% Macrophyte Coverage

>25 and ≤50% Macrophyte Coverage

> 50% Macrophyte Coverage

Site: Rocky CreekCounty: HILLSDate: 2-7-17Investigators: Judy Ashton, Sarah Meyer

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover
0	1	N	90	40	1	3	37	80	1	6	80
	2				2	4			2	N	
	3				3	N			3		
	4				4	N			4		
	5				5	N			5		
	6				6	N			6		
	7				7	N			7		
	8	6			8	N			8		
	9	6			9	3			9		
10	1	N	45	50	1	N	20	90	1	3	84
	2				2	3			2	6	
	3				3	N			3	6	
	4				4				4	4	
	5	6			5				5	N	
	6	N			6				6	4	
	7	N			7				7	6	
	8	3			8	6			8	6	
	9	N			9	6			9	6	
20	1	N	86	60	1	N	72	100	1	2	75
	2				2	N			2	6	
	3				3	N			3	6	
	4				4	N			4	3	
	5				5	N			5	N	
	6				6	6			6	3	
	7				7	6			7	6	
	8				8	6			8	6	
	9	3			9	6			9	6	
30	1	N	23	70	1	6	17		1	6	
	2				2	6			2	6	
	3				3	6			3	6	
	4				4	4			4	6	
	5				5	N			5	6	
	6				6	4			6	6	
	7				7	6			7	6	
	8				8	3			8	6	
	9	6			9	6			9	6	

points ranked 4-6 34

total points assessed 99

% points ranked 4-6 34

Secchi depth: 0.6

Check accompanying data collected at same site/date.

Algal mat sample ☒

Habitat Assessment ☒

Linear Veg. Survey ☒

SC/Biorecon (circle 1) ☒

Water sample ☒

RQ: 2017-02-06-27

N	rough, no algae; slimy; algae to 1 mm
3	>1mm - 6 mm
4	>6 - 20 mm
5	>20 mm - 10 cm
6	>10 cm

Record "N" for points deeper than the Secchi depth; algae are presumed absent. Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. Note if thickness estimated for deep points which can be seen but not reached.

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 an 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-SOP-001/01: Form FD 9000-5
STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
STREAM/RIVER HABITAT ASSESSMENT FIELD SHEET

SUBMITTING AGENCY CODE: _____		STORET STATION NUMBER: <u>G15W0053</u>	DATE (MM/DD/YY): <u>2-7-17</u>	RECEIVING BODY OF WATER: _____
SUBMITTING AGENCY NAME: <u>FDAP</u>				
REMARKS: _____	COUNTY: <u>HILLS</u>	LOCATION: <u>Rocky Cr.</u>	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>4</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 <u>4</u> 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 <u>4</u> 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>12</u> ----- Primary Score <u>38</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 <u>12</u> 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	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>17</u>	20 19 18 <u>17</u> 16	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.	Only meets 2 of the 3 requirements for optimal bank stability.	Only meets 1 of the 3 requirements for optimal bank stability.	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas.
Right Bank <u>5</u> Left Bank <u>4</u>	10 9	8 7 6	<u>5</u> <u>4</u>	3 2 1
Riparian Buffer Zone Width	Width of vegetation greater than 18 m	Width of vegetation >12 to 18m	Width of vegetation 6 to 12 m. human activities close to system	Less than 6 m of buffer zone due to intensive human activities
Right Bank <u>7</u> Left Bank <u>6</u>	10 9	8 <u>7</u> <u>6</u>	5 4	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.	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed.	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious.	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions).
Right Bank <u>6</u> Left Bank <u>6</u> ----- Secondary Score <u>51</u>	10 9	8 7 <u>6</u>	5 4	3 2 1

89

TOTAL SCORE

Date: <u>02/07/2017</u>	Analyst: <u>Judy Ashton, Sarah Meyer</u>	Signature: 
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Request Number: RQ-2017-02-06-27

SMP RUN 9

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Page 1 of 2
last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: Judy Ashton, Sarah MeyerSampling Agency: FDLP

Location RQ-2017-02-06-27 Date: 02/06/2017 Time: <u>9:15</u> STORET # BELLOWS LK G1SW0044		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-7-17</u> Time <u>9:15</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID Time: <u>9:15</u> STORET # BELLOWS LK G1SW0044		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>9.4</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>19.4</u> pH <u>8.6</u>		Sample Depth <u>0.3</u> ft	Sp. Conductance (umho/cm) <u>152</u>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.07</u>	Comments			
Location RQ-2017-02-06-27 Date: 02/07/17 Time: <u>12:00</u> STORET # ROCKY CRK G1SW0053		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-7-17</u> Time <u>12:00</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A 2-21-17
Field ID Time: <u>12:00</u> STORET # ROCKY CRK G1SW0053		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>8.7</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>18.5</u> pH <u>7.4</u>		Sample Depth <u>0.3</u> ft	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.15</u>	Comments <u>GROUP C - ALGAL ID 2-21-17</u>			
Location RQ-2017-02-06-27 Date: 02/06/2017 Time: <u>12:50</u> STORET # ARMISTEAD G1SW0030		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-7-17</u> Time <u>12:50</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A 2-21-17
Field ID Time: <u>12:50</u> STORET # ARMISTEAD G1SW0030		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>9.0</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>20.5</u> pH <u>7.4</u>		Sample Depth <u>0.3</u> ft	Sp. Conductance (umho/cm) <u>173</u>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.08</u>	Comments <u>GROUP C - ALGAL ID 2-21-17</u>			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: <u>Judy Ashton</u>	Date/Time <u>2-7-17 17:00</u>	Shipping Method <u>FRS LK</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>AS</u>	Date/Time <u>2/8/17 11:35</u>
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REVISED + SENT TO JENNIFER WATERS IN TLH

Request Number: RQ-2017-02-06-27
SMP RUN 9

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2
last revised Apr 7, 2016

Customer: SW-DIST
Project ID: SMP

Requester: Judy Ashton
Collected By: Judy Ashton, Sarah Meyer

Field Report Prepared By: Judy Ashton
Sampling Agency: FOLP

Location	RQ-2017-02-06-27 Date: 02/06/2017 Time: 9:15 STORET # BELLOWS LK Field ID G1SW0044	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-7-17 Time 9:15	Eastern Central	Composite and Date Time	Bottle Group(s) (See pg 2)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments	
Location	RQ-2017-02-06-27 Date: 02/07/17 Time: 12:00 STORET # ROCKY CRK Field ID G1SW0053	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-7-17 Time 12:00	Eastern Central	Composite and Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.18	Comments	
Location	RQ-2017-02-06-27 Date: 02/06/2017 Time: 12:50 STORET # ARMISTEAD Field ID G1SW0030	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-7-17 Time 12:50	Eastern Central	Composite and Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments	
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite and Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Judy Ashton	2-7-17 17:00	FRA LX	2	JAS	2/8/17 11:35

Group: A Bottle Type: P-1L # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 3

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 3

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 3 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 3 Preservative: ICE-PLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Group: B Bottle Type: P-120ML-WC-Tri # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

~~SWD-AEL-EN~~

GROUP B MI-PW-QLDC 2L FORMULIN ICE

GROUP C 50ML ALGAL ID RANK # 3-4

edEx Express **Package US Airbill** FedEx Tracking Number **8111 7111 0260**

From Please print and press hard.

Date **02/07/2017** Sender's FedEx Account Number

Sender's Name **FDEP** Phone **(813) 470-5700**

Company

Address **13051 N Telecom Pkwy** Dept./Floor/Suite/Room

City **TEMPLE TERRACE** State **FL** ZIP **33637**

Your Internal Billing Reference

First 24 characters will appear on invoice.

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Company **FLORIDA DEP/CHEMISTRY SECTION**

Address **2600 BLAIRSTONE RD** Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Use this line for the HOLD location address or for continuation of your shipping address.

City **TALLAHASSEE** State **FL** ZIP **32399-6542**

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MUR4

Form ID No. **0215**

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Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

2nd Business Day

- ☐ FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

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NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
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- ☐ Direct Signature
Someone at recipient's address may sign for delivery.
- ☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

- One box must be checked.
☐ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required.
- ☐ Dry Ice
Dry Ice, 9, UN 1845 x kg
- ☐ Cargo Aircraft Only

Restrictions apply for dangerous goods—see the current FedEx Service Guide.

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☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
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†Your liability is limited to US\$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

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