

RQ#: 2016-11-14-42 EventID# 2016-11-0 2016-11-17-01

Sampling Date: 11-16-16 Sampling Crew: JUDY ASHTON

STEPHEN CLINGERMAN

Site(s)/STORET #: 24020134

FISH HAWK CREEK Ref. SITE FISHWKRKT (TP31)

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

STORET /LIMS:

- ☐ 1. Spread Sheet (LIMS Input) _____ / _____
Initials Date
- ☐ 2. QC 1 _____ / _____ ☒ 3. QC 2 SE / 01/12/2017
Initials Date
- ☐ 4. SIM File Generated _____ / _____
Initials Date
- ☐ 5. STORET Upload _____ / _____
Initials Date

Biology:

Visit
SBIO ID# 77160
VPDB ID# 8555
RPS

- ☒ 6. Site and Event established in SBio?
- ☒ 7. Habitat Data and YSI Entered Into SBIO SE / 1/24/17
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 _____ / _____



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

A-KIT

PAGE 1 OF 1

STORET Station Name: FISH HAWK CREEK REF. STREAM

Date: 11-16-16
(mm/dd/yyyy)

STORET Station ID: FISHWKREF (TP31)

Latitude: 27.8228 N
(Decimal Degrees)

WBID: 1658 RQ-2016-11-14-42 ORG ID: 21FLTPA

Longitude: 82.2033 W
(Decimal Degrees)

Receiving Body of Water: ALACHUA RIVER

Field ID: 24020134

County: HILLS

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
JUDY ASHON									X
EDGAR GUERON DUBOIS					X	X	X	X	X
KIMBERLY WALKER									
STEPHEN CLINGERMAN									

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# FL577A 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	12:05	0.17	0.3	10.3	105	6.6	0.11	0.5' S	236	16.7
CEN										

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-PW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ 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	<u>0.2 m/s</u>	"J" Qualify Flow			

Notes:

RQ-2016-11-14-42
Date: 11/16/16
Time:
Ref. Stream SCI
Fishhawk Creek

FISHWKREF
Field ID
STORET
24020134

Signature: Judy Ashon Date: 11-16-16

Field Parameters Entered into LIMS: SC 12-09-2016 Field Parameters QC in LIMS: SC 01-05-17 SE 11/21/17
Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: 11-16-16 (Initials/Date)

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

SAMPLING AGENCY: <u>FDAP</u>		STORET STATION NUMBER: <u>24020134</u>	DATE (MM/DD/YY): <u>11-16-16</u>	RECEIVING BODY OF WATER:
REMARKS:	COUNTY: <u>HILLS</u>	LOCATION: <u>FISH HAWK CREEK</u>	FIELD ID/NAME: <u>FISHWKREF (TP31)</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>14</u>	20 19 18 17 16	15 <u>14</u> 13 12 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>6</u>	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 8 7 <u>6</u>	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity <u>14</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 <u>14</u> 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>17</u> Primary Score <u>51</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 <u>17</u> 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	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>19</u>	20 19 18 17 16	15 14 13 12 11	10 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. 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>10</u> Left Bank <u>10</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>9</u> Left Bank <u>9</u> Secondary Score <u>65</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

116 **TOTAL SCORE**

Date: <u>11-16-16</u>	Analyst: <u>May Britton, Stephen Cummings</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 HILLS STORET # 24020134 LONGITUDE _____
 DATE 11-16-16 TIME 12:00 SAMPLING AGENCY FAEP
 SITE NAME FISH HAWK CREEK
 FIELD ID/NAME FISHWILDER RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

GROUP 2

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category): Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify) ☐ <u>100</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 ☐ m wide <u>3</u> m wide ☐ m/s <u>0.2</u> m/s ☐ m/s ☐ m deep <u>0.3</u> m deep ☐ m deep			
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>>18m</u> Right Bank: <u>>18m</u>				Hydrologic Modification Score (per FT 3101) <u>1</u>					
High Water Mark: <u>0.3</u> + <u>1.2</u> = <u>1.5</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 ☐
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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>3.2</u></td> <td><u>5</u></td> <td></td> </tr> <tr> <td>Undercut Banks / Roots</td> <td><u>1.6</u></td> <td><u>5</u></td> <td></td> </tr> <tr> <td>Leaf Packs or Mat</td> <td><u>1.0</u></td> <td><u>5</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>3.2</u>	<u>5</u>		Undercut Banks / Roots	<u>1.6</u>	<u>5</u>		Leaf Packs or Mat	<u>1.0</u>	<u>5</u>		Aquatic Vegetation				Rock or Shell Rubble..				Sand.....		<u>5</u>		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. (%)</th> <th>Cond. (UMHO/CM)</th> <th>Salinity (PPT)</th> <th>SECCHI (M)</th> </tr> </thead> <tbody> <tr> <td>Top:</td> <td><u>0.3</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>0.3</u></td> </tr> <tr> <td>Mid:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>☒ VOB</td> </tr> <tr> <td>Bottom</td> <td><u>0.3</u></td> <td><u>16.7</u></td> <td><u>6.6</u></td> <td><u>10.3</u></td> <td><u>105</u></td> <td><u>236</u></td> <td><u>211</u></td> <td><u>0.3</u></td> </tr> </tbody> </table> Meter ID: _____									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>0.3</u>	Mid:								☒ VOB	Bottom	<u>0.3</u>	<u>16.7</u>	<u>6.6</u>	<u>10.3</u>	<u>105</u>	<u>236</u>	<u>211</u>	<u>0.3</u>
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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: _____				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 ☐																																																																																			
System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐																																																																																							
WEATHER CONDITIONS / NOTES: ☐ The antecedent hydrologic conditions have been met to my best knowledge.																																																																																							

SAMPLING TEAM J. Azton, S. Cunningham **SIGNATURE:** [Signature] **DATE:** 11-16-16

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

100

Sl.
%
Armor

90

Sl.
%
Armor

80

Sl.
%
Armor

70

Sl.
%
Armor

60

Sl.
%
Armor

50

Sl.
%
Armor

40

Sl.
%
Armor

30

Sl.
%
Armor

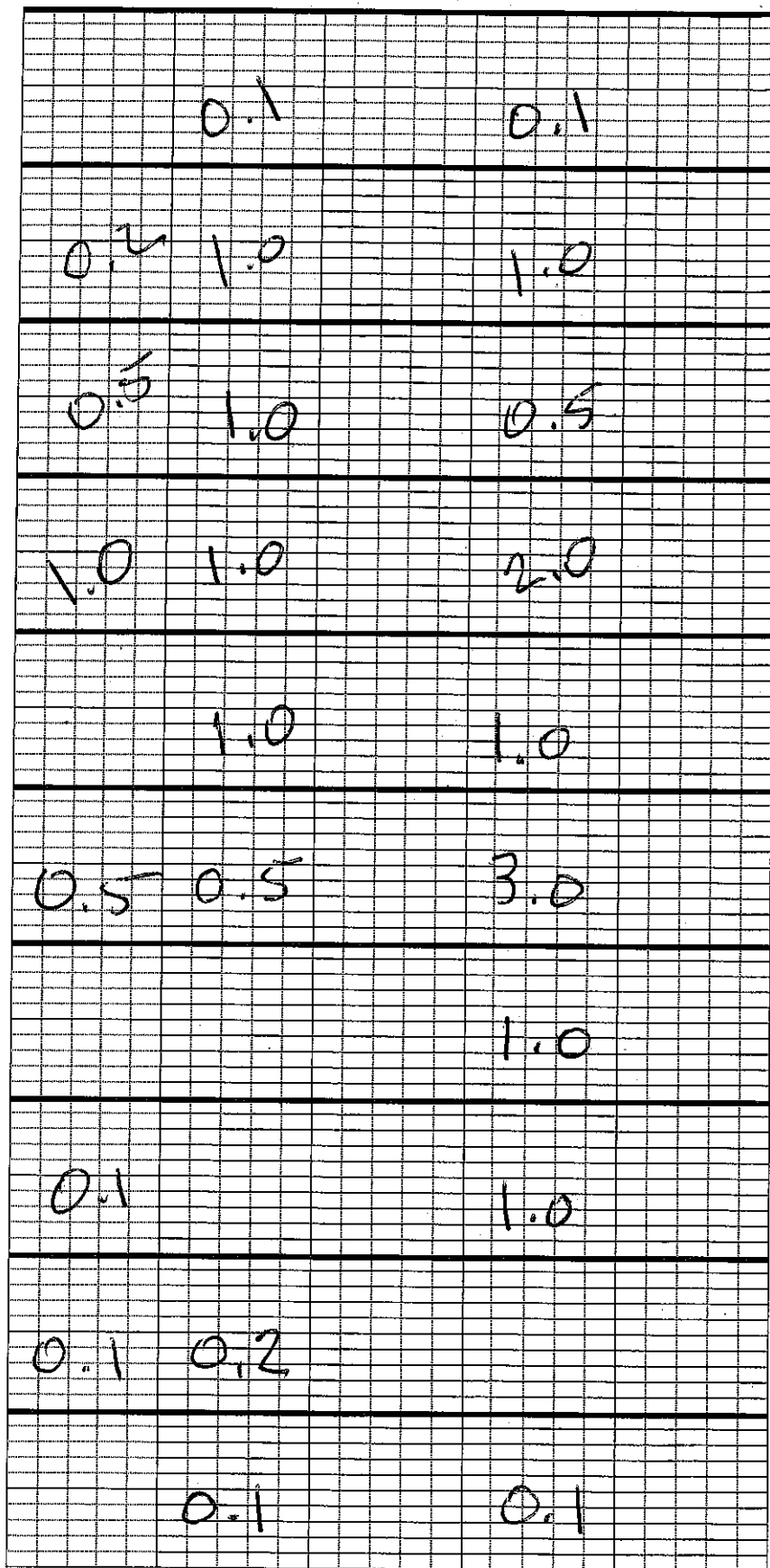
20

Sl.
%
Armor

10

Sl.
%
Armor

0



L 2.4 R 4.9
Downstream 5NAG 0.2 m/s
9.7 3m wide
0.16 m/s

Location: CASH HAWK CREEK

Date: 11/16/10

Samplers: J. B. H. H. H.

Substrates: Code key, draw proportionate habitat abundance. %

☒ Snags 3.2

☒ Roots/undercut banks 1.6

☒ Leaf Packs (or mats) 1

☐ Macrophytes 2

☐

☐

☒ Total observed 5.8

☒ Pools Range expected

Velocity measured at 0 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	0.052
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	7	5	4	3
Sweeps (Min)	10	6	5	4	5

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: <u>FISH HAWK CREEK Ref. SITE</u>					County: <u>HILLS.</u>		Date: <u>11-16-16</u>		Investigators: <u>J. ASHBY, S. LEINBERMAN</u>	
									STORET Station Number: <u>24020134</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	
0	1	N			60	1	N			
	2					2				
	3					3				
	4					4				
	5			96		5	4		94	
	6					6				
	7					7				
	8					8				
	9					9				
10	1	N			70	1	N			
	2					2				
	3					3				
	4					4				
	5			93		5			82	
	6					6				
	7					7				
	8					8				
	9					9				
20	1	N			80	1	N			
	2					2				
	3					3				
	4					4				
	5			94		5			92	
	6					6				
	7					7				
	8					8				
	9					9				
30	1	N			90	1	N			
	2					2				
	3					3				
	4					4				
	5			96		5			92	
	6					6				
	7					7				
	8					8				
	9					9				
40	1	N			100	1	N			
	2					2				
	3					3				
	4					4				
	5			92		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
50	1	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			90						
	6									
	7									
	8									
	9									

Secchi depth	<u>0.3</u>
Estimated?	

# points ranked 4-6	<u>0</u>
total points assessed	<u>99</u>
% points ranked 4-6	<u>0</u>

Check accompanying data collected at same site/date	
Algal mat sample	
Linear Veg Survey	☒
Habitat Assessment	☒
SCI/Biorecon	
Water sample	☒
RQ: <u>2014-11-14-42</u>	

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

*If you can see the secchi on the bottom, but you cannot see or reach surrounding substrate use "X" and check estimated

MIGHT USE FBH TP497

1658_FISHWKREF (TP31)
27.8228N,-82.2033W

Boyette Rd

1658



GOOD FLOW, 0.5m DEEP AVE.

LOTS OF POOL, SANDY BOTTOM - SOMEWHAT SIFTY

SOME ALGAE, ROOTS, LEAVES, SNAGS

GOOD SINUSOID

TRASH ~~WATER~~ DOWNSTREAM - MOSQUITO PONDS ASSAULT

STAGNANT DOWN STREAM OF BRIDGE

TR497 IS BETTER SITE - HAS ROCKS

Request Number: RQ-2016-11-14-42

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:

J. Ashton, S. Cline

Sampling Agency:

FIDEP

Location: FISHAWK CREEK REF. SITE		☐ Comp ☒ Grab		Collection (comp begin or grab) Date: 11-16-16 Time: 12:00		☒ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s) (See pg 2)	
Field ID: RQ-2016-11-14-42 Date: 11/16/16 Time: 12:00		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen: 10.3 mg/L 105 % sat		Total Res. Chlorine (mg/L)				A/B	
STORET #		Temp (C): 16.7		pH: 6.6		Sample Depth: 0.3 ft m		Sp. Conductance (umho/cm): 236			
Latitude: 24 02 01.34		☐ dd ☐ dms		Salinity (ppt): 0.11		Comments					

Location:		☒ Comp ☒ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #:		Temp (C):		pH:		Sample Depth: ft m		Sp. Conductance (umho/cm)			
Latitude: dd dms		Longitude: dd dms		Salinity (ppt):		Comments					

Location:		☐ Comp ☐ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #:		Temp (C):		pH:		Sample Depth: ft m		Sp. Conductance (umho/cm)			
Latitude: dd dms		Longitude: dd dms		Salinity (ppt):		Comments					

Location:		☒ Comp ☒ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (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: Judy Ashton	Date/Time: 11/16/16 1700	Shipping Method: FedEx	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
	W-PCR-HF183				
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP				
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: 2	Preservative: Formalin	Enter Number of Bottles Sent to Lab	1
	MI-FW-QLDC				
Group: C	Bottle Type: P-120ML-WC-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-FC DROPPED 2 ALL				

CLIENT NAME: FDEP - SW District		PROJECT NAME: REF SITE TMDL+ SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		A R		Fecal Coliforms													
Temple Terrace, FL 33637		PROJECT LOCATION: FISH HAWK CREEK Florida		N E															
PHONE: 813-470-5936 813-470-5900		FAX: 813-470-5896		A Q															
CONTACT: STEPHEN CLINGER Sarah Emel		SAMPLED BY: JAY ASHTON, S. CLINGER		L U															
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:		Y I															
☒ STANDARD ☐ RUSH				S R															
Samples are ambient water and not suspected to contain chlorine																			
WW=waste water SW=surface water GW=ground water DW=drinking water C=oil A=air SO=soil SL=sludge																			
Field ID	SITE NAME	Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T											
			DATE	TIME															
RQ-2016-11-14-42 Date: 11/16/16 Time: Ref Stream SCI Fishhawk Creek	 FISHWKREF Field ID STORET  24020134	Grab	11/16	12:00	SW	2		2											
		Grab			SW														
		Grab			SW														
		Grab			SW														
		Grab			SW														
		Grab			SW														
		Grab			SW														

H=HCl S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)		Relinquish by:		Date	Time	Received by:	Date	Time
Shipment	Method	Sample Kit	Cooler #					
Out:	Via:	RB	D/T					
Ret:	Via:	AB	D/T					
		Trip Bl.						

Package
US AirbillFedEx
Tracking
Number

8065 3802 6578

From Please print and press hard.

Date 11-16-16

Sender's FedEx
Account NumberSender's
Name

Phone (813) 470-5772

Company

Address

Dept./Floor/Suite/Room

City

State

ZIP

Your Internal Billing Reference

First 24 characters will appear on invoice.

To

Recipient's
Name

Phone (850) 245-8085

Company

Address

Do not deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

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

City

State

ZIP

0116987824

Learn to pack like a pro
Go to fedex.com/packrightForm
ID No.

0215

Sender's Copy

4 Express Package Service

* To most locations.

NOTE: Service order has changed. Please select carefully.

Next Business Day

☐ FedEx First Overnight
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.

5 Packaging

* Declared value limit \$500.

☐ FedEx Envelope*☐ FedEx Pak*☐ FedEx Box☐ FedEx Tube☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery

NOT available for FedEx Standard Overnight, FedEx 2day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without obtaining a signature for delivery.☐ Direct Signature
Someone at recipient's address may sign for delivery. *Fee applies.*☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

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.

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Dry Ice
Dry ice, 9 UN 1845 x kg☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender
Acct. No. in Section 1 will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

FedEx Acct. No.

4490-2262-9

Exp.

Date

Total Packages

Total Weight

Total Declared Value*

1

50

lbs.

\$

00

*Our 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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611

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