FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Mustang Rch @ Hopewell **Date:** 11-13-18 (mm/dd/yyyy)

WIN/ Field ID: G2SW0026 **WBID:** 1592C **Latitude:** 27.9285 (Decimal Degrees)

County: Hillsborough **ORG ID:** 21FLTPA **Longitude:** -82.12192 (Decimal Degrees)

Receiving Body of Water: Alafia River **RQ-2018-** 11-12-05

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton	X		X	X	
Ben Paswater		X			

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Secchi
- Equipment ID ____ Secchi #1

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ (Low) / Normal / High / Flooded **Meter ID#** LIC JON **Matrix:** (Fresh) Marine / DI

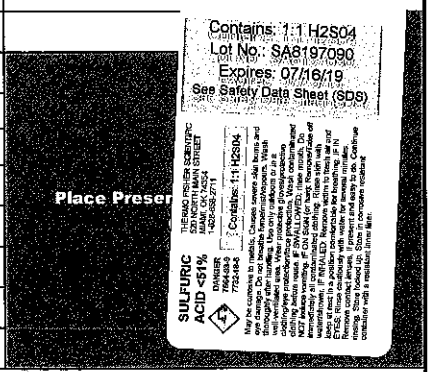
Photos: Yes / (No) **Flow:** No Flow / Interstitial / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High ____ Low ____

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1050	0.2	0.2	0.2 "S"	8.25	97.6	5.92	0.11	232	23.60

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

SBIO ID Numbers: SBIO-ID: 79077 HA-ID: 15524 RPS-ID: 9175 Macrophyte-ID: < 2 m² LIMS#: ____

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	SA8197090	07/16/19	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [✓] Field Filtered 0.45 µm Filter	[✓] Ice			
Chlorophyll	[X] CHLSUITE-W	[✓] Ice			
Physical/Aggregate (Fresh)	[X] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[✓] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[✓] Coli [ ] F Coli [ ] Enterococci	[✓] Ice			
Molecular	[✓] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[✓] Ice			
Tracers	[✓] W-SUC-AA-R [✓] W-UHERB-AA [✓] W-AHERB-AA	[✓] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R	[ ] Ice [ ] Other			



Notes: SBIO AUTHORIZED: MR 9/13/19

SMP 11132018_FB

Field ID/WIN G2SW0026

Site Name: Mustang Rch @ Hopewell

Signature: [signature] Date: 11-13-18

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 1/2/2019 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: SM 2/11/2019 (Initials/Date)

Scan/Save Field Sheets SM 03/28/2019 (Initials/Date) Migrate Data to WIN: 9961 SM 02/12/2019 (Initials/Date) Verify Data In WIN: SM 03/28/2019 (Initials/Date)

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

County: Hills.

Investigators: J. Ashton, B. Paswaster

Mustang Ranch Creek @ Hopewell

STORET Station Number: G2SW0026

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
0	1	N		
	2			
	3			
	4			88
	5			
	6			
	7			
	8			
	9			
10	1			
	2			
	3			
	4			
	5			60
	6			
	7			
	8			
	9			
20	1			
	2			
	3			
	4			
	5			53
	6			
	7			
	8			
	9			
30	1			
	2			
	3			
	4			
	5			76
	6			
	7			
	8			
	9			
40	1			
	2			
	3			
	4			
	5			90
	6			
	7			
	8			
	9			
50	1	V		
	2			
	3			
	4			
	5			95
	6			
	7			
	8			
	9			

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
60	1	N		
	2			
	3			
	4			
	5			92
	6			
	7			
	8			
	9			
70	1			
	2			
	3			
	4			
	5			64
	6			
	7			
	8			
	9			
80	1			
	2			
	3			
	4			
	5			76
	6			
	7			
	8			
	9			
90	1			
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
100	1			
	2			
	3			
	4			
	5			88
	6			
	7			
	8			
	9	V		

Secchi depth	0.5
Estimated?	NO

# points ranked 4-6	0
total points assessed	99
% points ranked 4-6	0

Check accompanying data collected at same site/date.	
Algal mat sample	
Linear Veg Survey	✓
Habitat Assessment	✓
SCI/Biorecon	
Water sample	✓

RQ- 2018-11-12-05

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 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%.

Field ID/WIN G2SW0026

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

Site Name: Mustang Ranch Creek @ Hopewell

STORET STATION NUMBER: see sticker	DATE (MM/DD/YY): 11-13-18	SAMPLING AGENCY: FDEP SW ROC
FIELD ID/NAME: see sticker ^	COUNTY: Hills.	LOCATION:
		RECEIVING BODY OF WATER:

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components **Substrate Diversity** 7	Four or more major productive habitats present [snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock] 20 19 18 17 16	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags) 15 14 13 12 11	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed 10 9 8 (7) 6	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered 5 4 3 2 1
Substrate Availability 8	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 (8) 7 6	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity 14	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 19 18 17 16	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 15 (14) 13 12 11	Max. observed at typical transect: 0.05 to 0.1 m/sec 0.1 0.09 0.07 0.06 0.05 10 9 8 7 6	Max. observed at typical transect: <0.05 m/sec; or spate occurring: > 1 m/sec <0.05 0.04 0.03 0.01 <0.01 5 4 3 2 1
Habitat Smothering 11 Primary Score 40	Adequate number of stable pools (1-2 per 12 times width) and <25% of habitats affected by sand, silt, or algae. 20 19 18 17 16	Adequate number of stable pools (1-2 per 12 times width) and >25% of habitats affected by sand, silt, or algae. 15 14 13 12 (11)	Does not have required number of stable pools (1-2 per 12 x width) and/or has shallow pools (<2 x prevailing depth). 10 9 8 7 6	Stable pools are absent. Most habitats affected by sand, silt, or algae accumulation. 5 4 3 2 1
Secondary Habitat Components **Artificial Channelization** 8	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks. 20 19 18 17 16	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered. 15 14 13 12 11	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area. 10 9 (8) 7 6	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks. 5 4 3 2 1
Bank Stability Right Bank 4 Left Bank 6	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankful 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 9 Left Bank 3	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 3 Left Bank 3 Secondary Score 36	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

76 **TOTAL SCORE**

Date: 11-13-18	Analyst: J. Ashton, B. Patterson	Signature:

Field ID/WIN G2SW0026

Site Name: Mustang Ranch Creek @ Hopewell

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

LATITUDE 27.9235

LONGITUDE -82.12192

SAMPLING AGENCY FDEP-South ROC

WATER

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)
5		5	85	5			

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 : 10 Right Bank : 10

Hydrologic Modification Score (per FT 3101) 5

High Water Mark: 1.5 (m) + 0.2 (above present water level) = 1.7 (present depth) (above bed)

Artificially Impounded ☐ Yes ☒ No

Typical Width (m) Depth (m)/Velocity (m/sec) Transect

1.0 m wide

m/s	0.2 m/s	m/s
m deep	0.5 m deep	m deep

Artificially Channelized : ☐ No ☐ Mostly recovered, more sinuous ☒ 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

	None	Slight	Moderate	Severe
Sand Smothering:	☒	☐	☐	☐
Silt Smothering:	☐	☒	☐	☐
Algae Smothering:	☐	☒	☐	☐

SUBSTRATE TYPE

Assessment Tool: ☐ SCI ☒ RPS ☒ LVS ☐ LCI ☐ BioRecon

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	0.4		
Undercut Banks / Roots	2.1		
Leaf Packs or Mat			
Aquatic Vegetation			
Rock or Shell Rubble..	9.2		
Sand.....			
Mud / Muck / Silt			
Other			
Other			

WATER QUALITY

	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)
Top :	0.2	23.60	5.92	8.25	97.6	232	0.11	0.2
Mid:								☒ VOB
Bottom								TOTAL DEPTH
								0.2

Meter ID: 21C JON

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 ☐

ABUNDANCE

	Not Obs.	Rare	Common	Abundant
Periphyton:	☐	☒	☐	☐
Fish:	☐	☐	☒	☐
Aquatic Plants:	☒	☐	☐	☐
Iron/Sulfur Bacteria:	☒	☐	☐	☐

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

AMBIENT FIELD CONDITIONS / NOTES:

☐ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM J. ASHTON, B. PASWATER

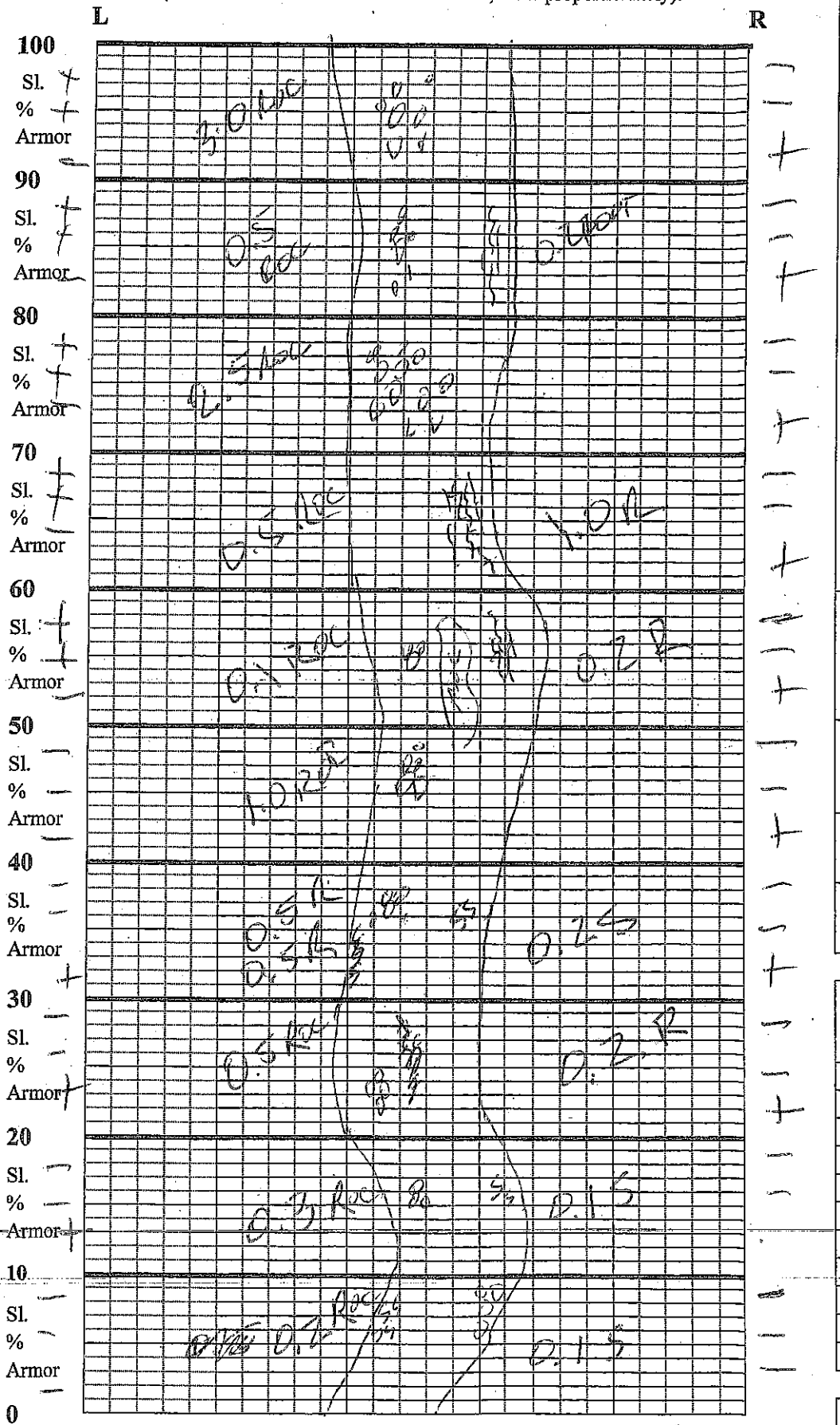
SIGNATURE

DATE : 11-13-18

62-160.800, F.A.C.

Revision Date: March 1, 2014

Stream/River Habitat Sketch Sheet, Form FD 9000-4 (March07, 2013)
Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).



Location: MUSTANG RANCH CRK

Date: 11-13-18

Samplers: J. ASHTON, E. ERSWORTH

Substrates: Code key, draw proportionate habitat abundance. %

☑	Snags	0.4
☑	Roots/undercut banks	2.1
☐	Leaf Packs (or mats)	
☐	Macrophytes	
☑	ROCKS	9.2
☐		

Total observed 11.7

☑ Pools Range expected

Velocity measured at 0m **meter mark.**

WQ & chemistry taken at 0m **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 9000-32: LINEAR VEGETATION SURVEY FIELD

Storet Number: ^ put sticker here	Date: 11-13-18	County: HILLS	Waterbody:
Analyst: J. Ashton, B. Brandt		Signature:	MUSTANG CREEK
Comments: 4 2m² Veg No SAV			HOAGLAND

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m^2 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. **bold is exotic invasive**

HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Alternanthera philoxeroides											
Bacopa caroliniana											
Bacopa monneri											
Bidens mitis											
Boehmeria cylindrica											
Centella asiatica											
Ceratophyllum demersum											
Chara sp.											
Cicuta maculata											
Cladium jamaicense											
Colocasia esculenta											
Commelina diffusa											
Commelina virginica											
Crinum americanum											
Cyperus											
Diodia virginiana											
Eichhornia crassipes											
Eleocharis (wispy viviparous)											
Hydrilla verticillata											
Hydrocotle sp.											
Hygrophila polysperma											
Hymenachne amplexicaulis											
Hymenocallis											
Lachnanthes caroliniana											
Landoltia punctata											
Lemna sp.											
Limnophila sessiflora											
Ludwigia leptocarpa											
Ludwigia palustris											
Ludwigia peruviana											
Ludwigia repens											
Luziola fluitans											
If no Dominant or Co-Dominant were selected, indicate with "X"											
Indicate % cover macrophytes per section											
0-5% Macrophyte Coverage											
>5 and ≤10% Macrophyte Coverage											
>10 and ≤25% Macrophyte Coverage											
>25 and ≤50% Macrophyte Coverage											
> 50% Macrophyte Coverage											

HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Micranthemum glomeratum											
Micranthemum umbrosum											
Myriophyllum aquaticum											
Najas guadelupensis											
Nuphar luteum											
Orontium aquaticum											
Panicum hemitomon											
Panicum repens											
Panicum rigidulum											
Pistia stratioides											
Polygonum glabra											
Polygonum hydropiperoides											
Polygonum punctatum											
Pontedaria cordata											
Potamogeton illinoensis											
Ruellia simplex											
Sacciolepis striata											
Sagittaria kurziana											
Sagittaria lancifolia											
Sagittaria latifolia											
Salvinia minima											
Samolus parviflora											
Saururus cernuus											
Sparganium americanum											
Sphagneticola trilobata (Wedelia)											
Typha sp.											
Urochloa mutica (Brachiaria)											
Vallisneria americana											
Zizania aquatica											

NOT SAV

Advanced Environmental Laboratories, Inc.

☐ Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☑ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.	Project Name: SMP	BOTTLE SIZE & TYPE	
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637	P.O. Number: B370AE	Analysis Required	E. Coli
Phone: 813-470-5770	Project Address:		
Contact: Judy Ashton 813-470-5772	Special Instructions: RQ-2018- 11 -12 -05		
Sampled By:			
Turn Around Time: ☑ STANDARD ☐ RUSH			
Page: 1 of 2	☐ ADaPT ☐ EQuIS ☐ Other	PRESERVATION	ICE

SAMPLE ID / SAMPLE DESCRIPTION	Grab / Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT			LABORATORY I.D. #
Field ID/WIN G2SW0026 — Site Name: Mustang Ranch Creek @ Hopewell		11-13-18	1050	SW	1		1	
Field ID/WIN G2SW0050 — Site Name: Mustang Rch @ CR 39		11-13-18	1110	SW	1		1	
Field ID/WIN G2SW0049 — Site Name: Poley Creek @ SR 60		11-13-18	1330	SW	1		1	
Field ID/WIN G2SW0014 — Site Name: Poley @ Shepard Rd		11-13-18	1350	SW	1		1	
Field ID/WIN G2SW0025 — Site Name: Turkey Creek @ Sydney Rd.		11-13-18	0940	SW	1		1	

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received_____(in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by	Date	Time	Received by	Date	Time
1	J. Ashton	11-13-18	1520		11/13/18	1520

FOR DRINKING WATER USE:

PWS ID:

Advanced Environmental Laboratories, Inc.

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☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☑ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name:	FDEP SW Dist.	Project Name:	SMP
Address:	13051 N. Telecom Pkwy. Temple Terrace FL 33637	P.O. Number:	B370AE
Phone:	813-470-5770	Project Address:	
Contact:	Judy Ashton 813-470-5772	Special Instructions:	RQ-2018-11-12-05
Sampled By:			
Turn Around Time:	☑ STANDARD ☐ RUSH		
Page:	2 of 2	☐ ADaPT ☐ EQuIS ☐ Other	

SAMPLE ID / SAMPLE DESCRIPTION	Grab / Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	Analysis Required: BOTTLE SIZE & TYPE					LABORATORY I.D. #
							E.COLI					
						ICE						
Field ID/WIN G2SW0051 Site Name: Turkey Creek @ SR 60		11-13-18	1010	SW	1		1					
Field ID/WIN G2SW0006 Site Name: English Creek above SR 60		11-13-18	1245	SW	1		1					
Field ID/WIN G2SW0048 Site Name: English Creek @ Old Mulberry Rd		11-13-18	1310	SW	1		1					

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received_____(in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by:	Date	Time	Received by:	Date	Time
1	J. Ashton	11-13-18	1500		11/13/18	1630

FOR DRINKING WATER USE:
PWS ID:

Request Number: RQ-2018-11-12-05

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: J. Ashton, B. Paswater

Field Report Prepared By: Jinny Ashton

Sampling Agency: FDEP

Field ID/WIN: G2SW0026

Site Name: Mustang Ranch Creek @ Hopewell

Location: ☐ dms

Field ID: WIN/ST: Latitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1050 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A | B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 8.25 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 23.60 | pH 5.92 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 232

Salinity (ppt) 0.11 | Comments: E. COLI DROPPED OFF @ ALL

Field ID/WIN: G2SW0050

Site Name: Mustang Rch @ CR 39

Location: ☐ dms

Field ID: WIN/ST: Latitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1110 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 8.65 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 23.49 | pH 5.95 | Sample Depth 0.17 ☐ ft ☒ m | Sp. Conductance (umho/cm) 286

Salinity (ppt) 0.14 | Comments: E. COLI DROPPED OFF @ ALL

Field ID/WIN: G2SW0049

Site Name: Poley Creek @ SR 60

Location: ☐ dms

Field ID: WIN/ST: Latitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1330 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 7.20 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 24.23 | pH 6.68 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 278

Salinity (ppt) 0.13 | Comments: E. COLI DROPPED OFF @ ALL

Field ID/WIN: G2SW0014

Site Name: Poley @ Shepard Rd

Location: ☐ dms

Field ID: WIN/ST: Latitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1350 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 6.13 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 24.06 | pH 6.48 | Sample Depth 0.5 ☐ ft ☒ m | Sp. Conductance (umho/cm) 278

Salinity (ppt) 0.13 | Comments: E. COLI DROPPED OFF @ ALL

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	11-13-18 1700	FED EX	2		

Request Number: RQ-2018-11-12-05

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By:

Field Report Prepared By:

Sampling Agency:

Field ID/WIN G2SW0025

Site Name: Turkey Creek @ Sydney Rd.

Location | Field ID | WIN/ST | Latitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 0940 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 8.95 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.72 | pH 6.01 | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) 235

Salinity (ppt) 0.11 | Comments: E. COLI DROPPED OFF @ AEL

Field ID/WIN G2SW0051

Site Name: Turkey Creek @ SR 60

Location | Field ID | WIN/ | Latitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1010 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 8.25 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.02 | pH 6.11 | Sample Depth 0.05 ☐ ft ☒ m | Sp. Conductance (umho/cm) 408

Salinity (ppt) 0.20 | Comments: E. COLI SAMPLES DROPPED OFF @ AEL

Field ID/WIN G2SW0006

Site Name: English Creek above SR 60

Location | Field ID | WIN/S | Latitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1245 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 7.29 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.01 | pH 6.47 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 322

Salinity (ppt) 0.15 | Comments: E. COLI DROPPED OFF @ AEL

Field ID/WIN G2SW0048

Site Name: English Creek @ Old Mulberry Rd

Location | Field ID | WIN/S | Latitude ☐dd ☐dms

☒ Comp ☒ Grab | Collection (comp begin or grab) Date 11-13-18 Time 1310 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.76 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.53 | pH 6.30 | Sample Depth 0.08 ☐ ft ☒ m | Sp. Conductance (umho/cm) 287

Salinity (ppt) 0.14 | Comments: E. COLI SAMPLES DROPPED OFF @ AEL

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time

Request Number: RQ-2018-11-12-05

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By:

Field Report Prepared By:

Sampling Agency:

Location Field ID/WIN BLANK Site Name: FIELD BLANK_11/13/2018			☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time			Bottle Group(s) (See pg 2) 13
Field ID			Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments NO E. COLI						
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)		
WIN/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)		
WIN/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)		
WIN/STORET #			Temp (C)	pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
	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** 1
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 1
	W-PO4-F					
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 8	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 9
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 9
	SWD-AEL-EC					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 9
	W-E8321-DI W-E8321-MS					