FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Woods Creek @ CL at sports complex **Date:** 05/08/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0051 **WBID:** 3512 **Latitude:** 30.1366 (Decimal Degrees)

County: Taylor **ORG ID:** 21FLTLHR **Longitude:** -83.6103 (Decimal Degrees)

Receiving Body of Water: Spring Creek **RQ-2018-** 04-09-52

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jessie Tolbert	✓		✓		
Chris Green		✓		✓	✓

Sampling Equipment
- ☑ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☑ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with
- Equipment ID

Collection Method
- ☑ Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other ☐ Gasoline Motor

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

Photos: (Yes) / No **Flow:** No Flow / Intestital / (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)	10:45	0.3	0.15	0.35	6.40	72.0	7.57	0.14	284	20.9
CEN										

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

SBIO ID Numbers: SBIO-ID: 78390 HA-ID: 15136 RPS-ID: 8999 Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H_2SO_4	SA7233038	8/21/18	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ 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	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ 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			

Place Preservative Sticker(s) Here (If Available)

Notes:
kit: A-b
Secchi VOB

Field/WIN ID → G1TLHR0051

Location ↓ Woods creek at sports complex

Signature: [signature] **Date:** 5/8/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: [signature] 5/14/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: CL 5/25/18 (Initials/Date)

Scan/Save Field Sheets CL 5/25/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

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

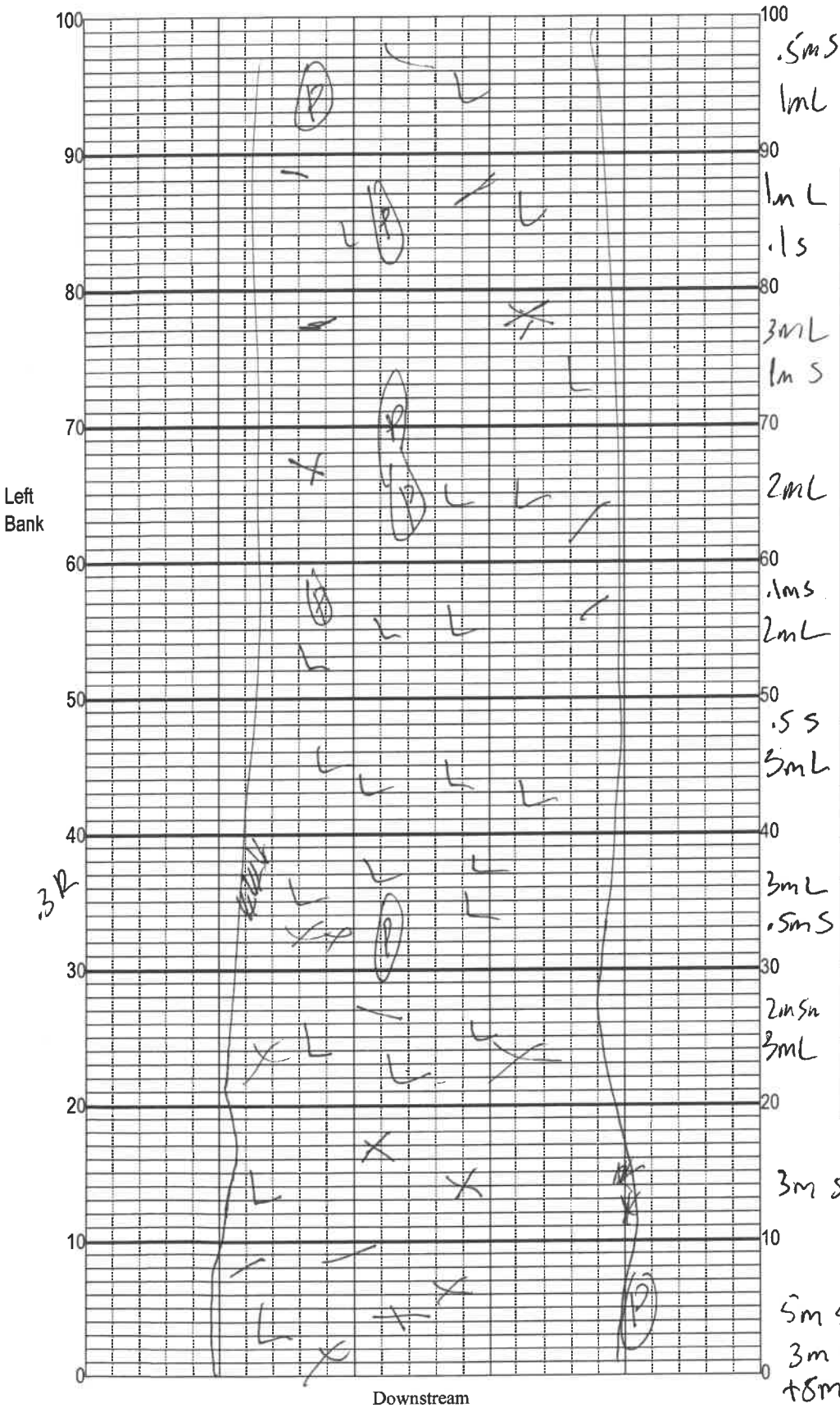
SAMPLING AGENCY: 8034		STORET STATION NUMBER: 21TLHR0051	DATE (MM/DD/YY): 5/8/2018	RECEIVING BODY OF WATER: Spring Creek
REMARKS:	COUNTY: Taylor	LOCATION: Woods Creek @ Sports complex		FIELD ID/NAME:

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components **Substrate Diversity** 9	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 10	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 15	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 12 Primary Score 46	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** 20	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 8 Left Bank 9	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 5 Left Bank 5	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 10 Left Bank 10 Secondary Score 67	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

113 **TOTAL SCORE**

Date: 5/8/2018	Analyst: Jessie Tolbert, Chris Green	Signature: JTD

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



Location: GLTHR0051

Date: 5/8/2018

Sampler: Tolbert, Green

100 m: Latitude	
Longitude	
0 m: Latitude	
Longitude	

Substrates: Code key, draw proportionate habitat abundance.		%
X	Snags	3.7
¥	Roots/undercut banks	
L	Leaf Packs (or mats)	~~#~~ 10.7
	Aquatic Macrophytes	
P	Pools	total # observed = 6
		# range expected = 3-4

Average width 3 m

Average depth 0.3 m

Velocity measured at 50 meter mark.

WQ & chemistry taken at 0 meter mark.

Habitat Smothering:
Note areas (on map) where sand or silt is smothering substrates, limiting habitability.

Bank Stability:
Note areas (on map) with unstable, eroding banks.

Riparian Buffer Width:
Note areas (on map) where natural vegetation is altered or eliminated.

Plants observed / other notes:

3m snag

.25 m/s Velocity

.25 m/s

5m snag

3m L

+8m 32m Leaf

Snag

Leaf

minor sand

11mS

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

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

SAMPLE ID ______ ORG ID 21FLTLHR LATITUDE ______

COUNTY Taylor STORET # G1TLHR0051 LONGITUDE ______

DATE 5/8/2018 TIME ______ SAMPLING AGENCY 8034

SITE NAME Woods Creek @ Sports Complex

FIELD ID/NAME G1TLHR0051 RECEIVING BODY OF WATER Spring Creek

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) Sports Complex
5%				50%			45%

Landscape Development Intensity Index (LDI): ______

Local Watershed Erosion (select one): [ ] None [X] Slight [ ] Moderate [ ] Heavy

Local Watershed NPS Pollution: [X] No evidence [ ] Slight [ ] Moderate [ ] Heavy

Typical Width (m) Depth (m)/Velocity (m/sec) Transect: 3 m wide

.25 m/s	.25 m/s	0.25 m/s
.1 m deep	.3 m deep	.1 m deep

Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: 12 Right Bank: 12

Hydrologic Modification Score (per FT 3101): ______

High Water Mark: 0.5 (above present water level) + 0.3 (present depth) = 0.8 (above bed) (m)

Artificially Impounded [ ] Yes [X] No

Artificially Channelized: [X] No [ ] Some recovery [ ] Mostly recovered, more sinuous [ ] Recent, severe

Canopy Cover % [ ] Open [X] Heavily Shaded [ ] Lightly Shaded (11-45%) [ ] Moderate Shaded (46-80%)

SEDIMENT / SUBSTRATE

Sediment Oils: [X] Absent [ ] Slight [ ] Moderate [ ] Profuse

Sediment Odors: [X] Normal [ ] Sewage [ ] Petroleum [ ] Chemical [ ] Anaerobic [ ] Other (Specify):

Smothering of Substrates (J.T.)

	None	Slight	Moderate	Severe
Sand Smothering:	[ ]	[X]	[X] (struck)	[ ]
Silt Smothering:	[ ]	[X]	[X]	[ ]
Algae Smothering:	[X]	[ ]	[ ]	[ ]

SUBSTRATE TYPE

Assessment Tool: [X] SCI [X] RPS [ ] LVS [ ] LCI [ ] BioRecon

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	3.7	7	
Undercut Banks / Roots			
Leaf Packs or Mat	10.7	7	
Aquatic Vegetation			
Rock or Shell Rubble..			
Sand......................	85.6	6	
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)
Top:	0.3	20.9	7.57	6.40	72.0	284	.14
Mid:							
Bottom							

SECCHI (M): 0.3 [X] VOB

TOTAL DEPTH: 0.3

Meter ID: YSI Pro DSS

Water Odors [ ] Normal [ ] Petroleum [ ] Sewage [ ] Chemical [ ] Other

Water Surface Oils [X] Normal [ ] Sheen [ ] Globs [ ] Slick [ ] Other

Water Sample Taken? [X] Yes [ ] No

Sample Preserved? [X] Yes [ ] No

Lot Number: SA7233030 Exp: ______

Color [ ] Tannic [X] Clear [ ] Green (Algae) [ ] Other (Specify) ______

Algae Sample Taken? [ ] Yes [X] No

Sample Preserved? [ ] Yes [X] No

Lot Number: ______ Exp: ______

Clarity [X] Clear (struck, J.T.) [ ] Slightly Turbid [ ] Turbid [ ] Opaque [X]

ABUNDANCE

	Not Obs.	Rare	Common	Abundant
Periphyton:	[X]	[ ]	[ ]	[ ]
Fish:	[X] (struck)	[X]	[ ]	[ ]
Aquatic Plants:	[X]	[ ]	[ ]	[ ]
Iron/Sulfur Bacteria:	[X]	[ ]	[ ]	[ ]

System Type: [X] Stream [ ] Lake [ ] Wetland [ ] Estuary [ ] Other(Specify) ______

AMBIENT FIELD CONDITIONS / NOTES:

[X] The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM Jessie Tolbert, Chris Green

SIGNATURE: JT

DATE: 5/8/2018

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: GITLHR0051 | County: Taylor | Date: 5/8/2018 | Investigators: Chris Green, Jessie Tolbert

STORET Station Number: GITLHR0051

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
0	1	N	N	
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
10	1			
	2			
	3			
	4			
	5			93
	6			
	7			
	8			
	9			
20	1			
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
30	1			
	2			
	3			
	4			
	5			94
	6			
	7			
	8			
	9			
40	1			
	2			
	3			
	4			
	5			92
	6			
	7			
	8			
	9			
50	1			
	2			
	3			
	4			
	5			92
	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			96
	6			
	7			
	8			
	9			
70	1			
	2			
	3			
	4			
	5			96
	6			
	7			
	8			
	9			
80	1			
	2			
	3			
	4			
	5			95
	6			
	7			
	8			
	9			
90	1			
	2			
	3			
	4			
	5			89
	6			
	7			
	8			
	9			
100	1			
	2			
	3			
	4			
	5			89
	6			
	7			
	8			
	9		N	

Secchi depth	0.3
Estimated?	N/A

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

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

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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%.

DEP FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

Waterbody: Woods Creek @ Sparks complex	Date: 5/8/18	County: Taylor	Storet Number: GTCLHR0051
Analyst: Chris Green, Jessie Tolbert		Signature: CJT JT	
Comments: Veg <2m2			

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.

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											
Cicuta maculata											
Cladium jamaicense											
Colocasia esculenta											
Commelina diffusa											
Commelina virginica											
Crinum americanum											
Diodia virginiana											
Eichhornia crassipes											
Eleocharis (wispy viviparous)											
Hydrilla verticillata											
Hydrocotle											
Hygrophila polysperma											
Hymenocallis											
Lachnanthes caroliniana											
Landoltia punctata											
Lemna											
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											
Typha											
Vallisneria americana											
Zizania aquatica											

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter ID: YSI Pro DSS **RQ-** **Project:** SMP 2018

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: ~~Lab Calibration~~ or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 4/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	5-8-2018	818	22.6	8.64	8.66	100	N/A		(P) / F	(L) F
ICV	↓	↓	819	22.6	8.64	8.66	100	N/A		(P) F	(L) F
CCV	↓	↓	1435							P / F	(L) F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	5-8-2018	824	188116B	1/2019	1000	1000	(P) F	(L) F
ICV	↓	↓	825	2802833	1/2020	100	96	(P) F	(L) F
CCV	↓	↓	1437	1706301B	7/2018	500	477	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	5-8-2018	829	171121A	6/2019	7.0	7.0	-22	(P) / F	(L) F
Calibr.	↓	↓	830	180116D	1/2019	4.0	4.0	137	(P) F	(L) F
Calibr.	↓	↓	833	180221E	9/2019	10.0	10.0	-170	(P) / F	(L) F
ICV	↓	↓	834	180221E	9/2019	10.0	10.0	-170	(P) / F	(L) F
CCV	↓	↓	1439	180116D	1/2019	4.0	4.2	120	(P) / F	(L) F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Request Number: RQ-2018-04-09-52

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green, Jessie Tolbert

Field Report Prepared By: Tolbert

Sampling Agency: 8034

Sample				
Location / Field ID / WIN/STORET #	Field/WIN ID → G1TLHR0051; Location ↓ Woods creek at sports complex	☐ Comp ☒ Grab; Collection (comp begin or grab) Date 5/8/2018 Time 10:45 (Eastern) Central	Composite end Date Time	Bottle Group(s) (See pg 2): A,B
		Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 6.40 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 20.9	pH 7.57	Sample Depth 0.15 ☐ ft ☒ m; Sp. Conductance (umho/cm) 284
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.14	Comments: Add SCI 11:00	
Location / Field ID / WIN/STORET #		☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C)	pH	Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	
Location / Field ID / WIN/STORET #		☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C)	pH	Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	
Location / Field ID / WIN/STORET #		☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		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
Tolbert, Green	5/8/2018 14:29	HD	1	[signature]	5/8/18 2:30