



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Mitchell Creek @ SW 107th Blvd

Date: 2-20-2018

WIN/ Field ID: G1TLHR0059

WBID: 3385

Latitude: 30.45387

County: Hamilton

ORG ID: 21FLTLHR

Longitude: 82.96275

Receiving Body of Water: Suwannee River

RQ-2018-01-01-29

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Chris Green						✓	✓	✓	✓	✓	☒ Sample Container	☐ Van Dorn	☐ Pole	
Mike Eckles						✓	✓	✓	✓	✓	☐ Carboy	☒ Syringe		
											☐ Dipper	☐ Other		
											Depth Measured with YSI			
											Equipment ID #12 YSI 600 XLM			
										Collection Method				
										☒ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded										Meter ID# 12 YSI		Matrix: Fresh / Marine / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack/ <u>NA</u>		Tide Times: High		Low						
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	11:45	0.1	0.15	0.15	6.39	70.1	7.09	0.07	145	19.95				
CEN														

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

SBIO ID Numbers: SBIO-ID: 78290 HA-ID: 15167 RPS-ID: 9016 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 ☐ H2SO4	5A7163030	6-12-18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-CH-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	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes:

Kit: A-b

SCI 12:10

Field/WIN ID



G1TLHR0059

Location

Mitchell Creek @ SW 107th Blvd

Signature:

Date:

2-20-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 6/1/18

QC Station ID, Field Parameters In LIMS DMT:

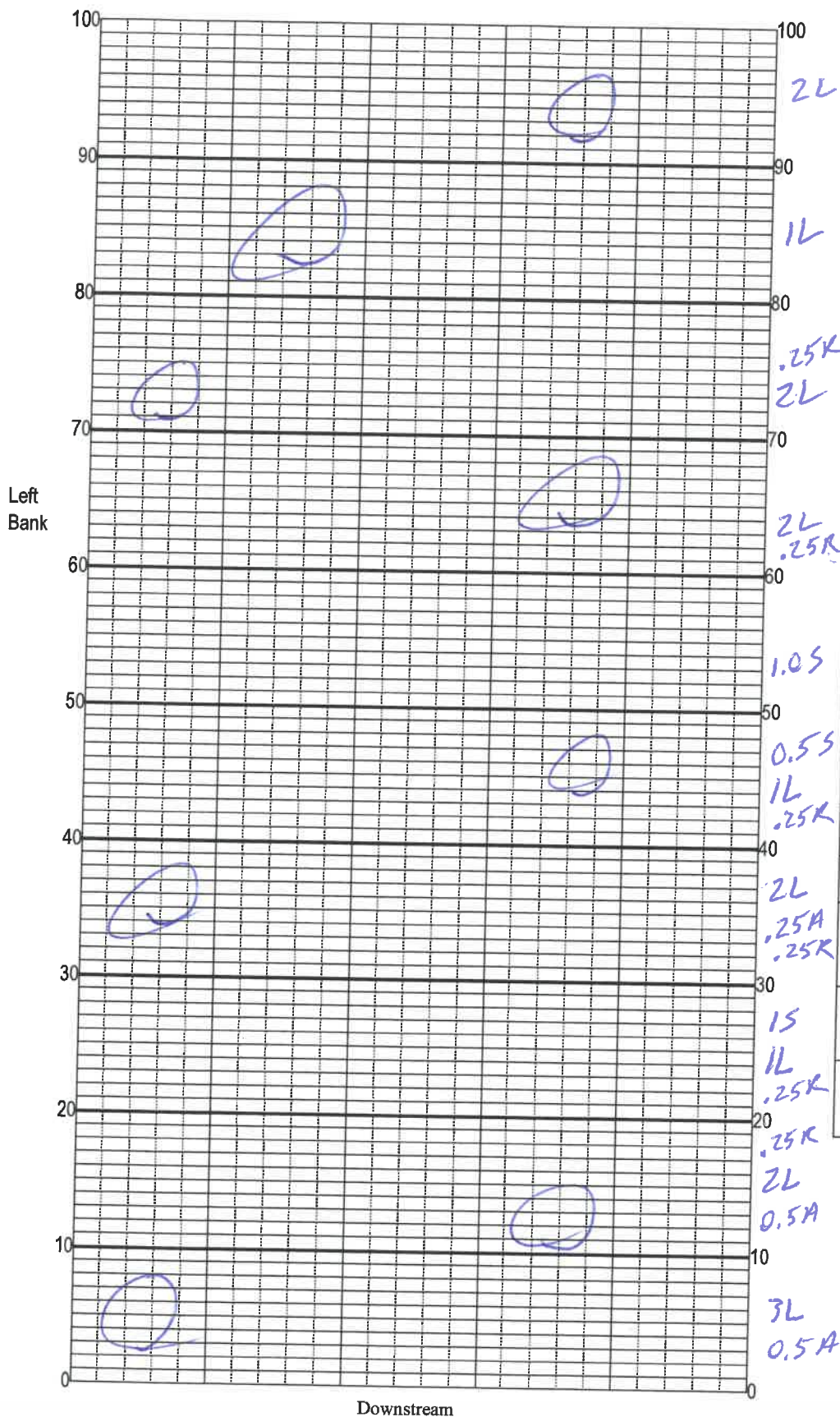
Scan/Save Field Sheets

JB 6/1/18

Migrate Data to WIN:

Verify Data In WIN:

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



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

Location: Mitch Creek

Date: SW 107th Blvd

2-20-18

Sampler: Chris Green

100 m: Latitude _____

Longitude _____

0 m: Latitude _____

Longitude _____

Substrates: Code key, draw proportionate habitat abundance. %

S Snags 2.5

R Roots/undercut banks 1.25

L Leaf Packs (or mats) 16

A Aquatic Macrophytes 1.25

Q Rock _____

Q Pools total # observed = 8

range expected = 8

Average width 1 m

Average depth 0.1 m

Velocity measured at 50 meter mark. 6 sec

WQ & chemistry taken at 50 meter mark.

Habitat Smothering: NO

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: 218m

Note areas (on map) where natural vegetation is altered or eliminated.

Plants observed / other notes:

S - 2.5

R - 1.25

L - 16

A - 1.25

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

SAMPLING AGENCY: <u>8034</u>		STORET STATION NUMBER: <u>61TLHR0059</u>	DATE (MM/DD/YY): <u>2-20-2018</u>	RECEIVING BODY OF WATER: <u>Swansee River</u>
REMARKS:	COUNTY: <u>Hamilton</u>	LOCATION: <u>Mitchell Creek @ SW 107th Blvd</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>10</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>12</u>	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 8 7 6	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity <u>13</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 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>19</u> ----- Primary Score <u>54</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 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>20</u>	20 19 18 17 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>8</u> Left Bank <u>8</u>	10 9	8 7 6	5 4	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>10</u> Left Bank <u>10</u>	10 9	8 7 6	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>10</u> Left Bank <u>10</u> ----- Secondary Score <u>76</u>	10 9	8 7 6	5 4	3 2 1

130

TOTAL SCORE

Date: <u>2-20-2018</u>	Analyst: <u>Chris Green</u>	Signature: <u>[Signature]</u>
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DEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet

SAMPLE ID 6ITLHR0059 ORG ID 21FLTLHR LATITUDE _____
 COUNTY Hamilton STORET # 6ITLHR0059 LONGITUDE _____
 DATE 2-20-2018 TIME 12:10 SAMPLING AGENCY 8034
 SITE NAME Mitchell Creek @ SW 107th Blvd
 FIELD ID/NAME _____ RECEIVING BODY OF WATER Suwannee River

RIPARIAN ZONE / STREAM FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category): Forest/Natural <u>70</u> Silviculture _____ Field/Pasture _____ Agricultural <u>20</u> Residential <u>5</u> 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				Typical Width (m) Depth (m)/Velocity (m/sec) Transect _____ m wide <u>0.16</u> m/s <u>0.16</u> m/s <u>0.16</u> m/s <u>0.1</u> m deep <u>0.1</u> m deep <u>0.1</u> m deep			
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>218</u> Right Bank: <u>218</u>		Hydrologic Modification Score (per FT 3101) _____					
High Water Mark: <u>0.2</u> + <u>0.1</u> = <u>0.3</u> (m) (above present water level) (present depth) (above bed)		Artificially Impounded ☐ Yes ☒ No					
Artificially ☒ No ☐ Mostly recovered, more sinuous Channelized: ☐ Some recovery ☐ Recent, severe		Canopy Cover % ☐ Open ☐ Lightly Shaded (11-45%) ☒ Heavily Shaded ☐ Moderate Shaded (46-80%)					

SEDIMENT / SUBSTRATE

Sediment Oils ☒ Absent ☐ Slight ☐ Moderate ☐ Profuse		Sediment Odors ☒ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Anaerobic ☐ Other (Specify): _____		Smothering of Substrates Sand Smothering: None ☒ Slight ☐ Moderate ☐ Severe Silt Smothering: None ☒ Slight ☐ Moderate ☐ Severe Algae Smothering: None ☒ Slight ☐ Moderate ☐ Severe																																									
SUBSTRATE TYPE Assessment Tool: ☒ SCI ☒ RPS ☒ LVS ☐ LCI ☐ BioRecon			WATER QUALITY																																										
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ABUNDANCE			System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐																																										
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Periphyton:	☒	☐	☐	☐																																									
Fish:	☐	☒	☐	☐																																									
Aquatic Plants:	☐	☒	☐	☐																																									
Iron/Sulfur Bacteria:	☒	☐	☐	☐																																									

SAMPLING TEAM

Chris Green / Mike Eckles

SIGNATURE:

[Signature]

DATE:

2-20-2018

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: GITLHR0059 County: Hamilton Date: 2-20-18 Investigators: Chris Green

STORER Station Number: GITLHR0059

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	~			60	1	~			
	2					2				
	3					3				
	4					4				
	5			94		5			95	
	6					6				
	7					7				
	8					8				
	9					9				
10	1				70	1				
	2					2				
	3					3				
	4					4				
	5			93		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
20	1				80	1				
	2					2				
	3					3				
	4					4				
	5			91		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
30	1				90	1				
	2					2				
	3					3				
	4					4				
	5			94		5			94	
	6					6				
	7					7				
	8					8				
	9					9				
40	1				100	1				
	2					2				
	3					3				
	4					4				
	5			93		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
50	1					1				
	2					2				
	3					3				
	4					4				
	5			91		5				
	6					6				
	7					7				
	8					8				
	9					9				

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%.

Secchi depth 0.1
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- 01-01-24

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

Waterbody: <i>Mitchell Creek</i>	Date: <i>2-20-18</i>	County: <i>Hamilton</i>	Storet Number:
Analyst: <i>Chris Green</i>	Signature: <i>CK</i>		
Comments: <i>< 2m²</i>			

[illegible]

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green

Field Report Prepared By: Chris Green

Sampling Agency:

Location	Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
	G:TLHR0059		Date 2-20-2018 Time 11:45		Date		(See pg 2)	
STC	Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
					6.39			
Latit	Mitchell Creek @ SW 107th Blvd		Temp (C) 19.95		pH 7.09		Sample Depth 0.15	
			Salinity (ppt) 0.07		Comments SCI-12:10		145	
Location	Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
			Date		Date			
STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude	Longitude		Temp (C)		pH		Sample Depth	
Location	Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
			Date		Date			
STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude	Longitude		Temp (C)		pH		Sample Depth	
Location	Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
			Date		Date			
STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude	Longitude		Temp (C)		pH		Sample Depth	

Relinquished By: Chris Green

Date/Time 2-20-18

Shipping Method Hand

Number of Coolers Shipped:

Received By: Tyne

Date/Time 02/24/18 @ 2:31

Group: A	Bottle Type:	P-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	/
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 20	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	/
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 30	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	/
	MI-FW-QLDC						

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 name.

Meter ID: YSI 600X1M-#12

RQ-

Project: SMP

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 1/18

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.	<u>M. A. Eckle</u>	<u>2/20/18</u>	<u>8:25</u>	<u>21.2</u>	<u>8.88</u>	<u>8.94</u>	<u>100.7</u>	<u>39.0</u>	<u>0.814</u>	<u>P/F</u>	<u>O/F</u>
ICV	<u>M. A. Eckle</u>	<u>2/20/18</u>	<u>8:28</u>	<u>21.2</u>	<u>8.88</u>	<u>8.91</u>	<u>100.5</u>	<u>38.0</u>		<u>P/F</u>	<u>O/F</u>
CCV	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>14:40</u>	<u>24.4</u>	<u>8.55</u>	<u>8.41</u>	<u>100.3</u>	<u>34.5</u>		<u>P/F</u>	<u>O/F</u>
CCV										<u>P/F</u>	<u>L/F</u>

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:30</u>	<u>180116B</u>	<u>1/19</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>O/F</u>
ICV	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:35</u>	<u>2710781</u>	<u>9/19</u>	<u>1000</u>	<u>102</u>	<u>P/F</u>	<u>O/F</u>
CCV	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>14:45</u>	<u>170630B</u>	<u>7/18</u>	<u>500</u>	<u>488</u>	<u>P/F</u>	<u>O/F</u>
CCV								<u>P/F</u>	<u>L/F</u>

Conductivity Acceptance criteria $\pm 5\%$

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.	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:40</u>	<u>171121A</u>	<u>6/19</u>	<u>7.0</u>	<u>7.0</u>	<u>-28.7</u>	<u>P/F</u>	<u>O/F</u>
Calibr.	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:42</u>	<u>180116D</u>	<u>1/19</u>	<u>4.0</u>	<u>4.0</u>	<u>143.4</u>	<u>P/F</u>	<u>O/F</u>
Calibr.	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:45</u>	<u>171121B</u>	<u>6/19</u>	<u>10.0</u>	<u>10.0</u>	<u>-20.6</u>	<u>P/F</u>	<u>O/F</u>
ICV	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>8:48</u>	<u>171121B</u>	<u>6/19</u>	<u>10.0</u>	<u>10.0</u>	<u>-28.5</u>	<u>P/F</u>	<u>O/F</u>
CCV	<u>Michael A. Eckle</u>	<u>2/20/18</u>	<u>14:50</u>	<u>171121A</u>	<u>6/19</u>	<u>7.0</u>	<u>7.0</u>	<u>-28.6</u>	<u>P/F</u>	<u>O/F</u>
CCV									<u>P/F</u>	<u>L/F</u>

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 172.8, slope from 4 to 7 172.5 (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						<u>P/F</u>	<u>L/F</u>

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

COMMENTS:

Zone 1 Surface Water Trend Network Data Review Procedures – Effective Oct. 2017

Task #	Person(s) Completing Task	Task Description	Deadline
1	Stopher (West), Mike (East)	Enter field data into Trend Network Field Data Entry application (https://fldeploc.dep.state.fl.us/ambient/field/)	30 days after sampling is complete
2	Stopher (West), Mike (East)	Compile project paperwork and review for completeness, scan project paperwork and save to \\FLDEPI\SOL_Z\Zone1 SW Trend. • QA Report • Field Sheets • Custody Sheets • Calibration Logs (daily, quarterly, and 6-month activities) • Equipment Cleaning Logs	30 days after sampling is complete
3	Indira or Liz	Merge field data and lab data. Provisional data made available for review via ADM.	120 days after sampling is complete
4	Thomas (Jay, Liz, Stephanie assist as needed)	Create reports using ADM ("run checks" metadata, result data, blank data, pivot table text). Conduct initial review of provisional data: • All samples (including blanks) present • Correct number of analytes present per sample (including blanks) • Collection agency correct for each sample (including blanks) Split data reports into West and East sub-projects, and distribute data reports to Stopher and Mike.	1 week after provisional data made available
5	Stopher (West), Mike (East)	Review provisional data for accuracy using data review checklist (Stephanie will provide during data review training). • If corrections are needed, document using data correction form. Email completed correction form to Liz and Indira with Thomas copied. • If corrections to blank batch IDs are needed, email corrected Pivot Table Report to Thomas. • If corrections are not needed. Notify Thomas that review is complete. Mail original field sheets, yellow copy of custody sheets, and copies of calibration and cleaning logs to Thomas.	30 days after receipt of provisional data
6	Indira or Liz	Perform corrections listed on correction form. Notify Thomas when correction have been made. (Skip this step if corrections not needed.)	5 business days after correction request received
7	Thomas	Confirm that all requested corrections from both East and West sub-projects were made by examining new reports created using ADM. If additional corrections are needed, document using data correction form and email form to Liz and Indira. Repeat this process as many times as needed until all corrections are complete. Release project using ADM.	240 days after sampling is complete
8	NW ROC staff (West), TLH ROC staff (East)	If bioassessment data were collected, enter, review, and authorize HA, RPS, and LVS data in SBIO2.	30 days after lab creates Station Visit in SBIO2