



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Tooke Lake North

Date: 3-5-18
(mm/dd/yyyy)

WIN/ Field ID: G5SW0122

WBID: 1382C

Latitude: 28.57158

(Decimal Degrees)

County: Hernando

ORG ID: 21FLTPA

Longitude: -82.55347

(Decimal Degrees)

Receiving Body of Water: N/A

RQ-2018-03-05-14

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	

Depth Measured with Secchi
Equipment ID _____ Secchi #1 _____

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Photos: Yes / No

Flow: No Flow / Interstitial / Flowing FA

Meter ID# LIL JON

Matrix: Fresh Marine / DI

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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1000	0.3	0.3	0.3	8.23	91.3	6.91	0.03	59	20.32

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

SBIO ID Numbers: SBIO-ID: _____ HA-ID: _____ RPS-ID: _____ 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	SA7275010	10/2/2018	☒ <2
Metals	☐ W-ICP-MS ☐ W-ICP	☐ Ice ☐ HNO3			☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	9841668		
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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:

Field ID/WIN

G5SW0122

Site Name:

Tooke Lake North

Signature:

Date:

3-5-18

Enter Field Parameters, Verify Station ID in LIMS DMT: SM 04/04/2018

QC Station ID, Field Parameters in LIMS DMT: SM 04/10/2018 SM 4/23/2018

Scan/Save Field Sheets SM 06/06/2018

Migrate Data to WIN: SM 04/24/2018 4445

Verify Data in WIN: SM 06/06/2018

RQ 2018-03-05-14

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QA/QC Sample Information Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>10 05</u>		Field ID: <u>G55WD122</u> (WIN ID + DUP)	
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 ₂ SO ₄			☐ < 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			
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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-7093010
EXP: 04/03/18
Warning!
See SDS

Place Preservative
(If Available)

Blank

Time Zone: EST CEN		Time: <u>1010</u>		Field ID: <u>BLANK</u>		SMP 030518 - FB (Blank_DDMYYYY)	
DI Source: <u>CALBOY</u>		Location: <u>FIELD</u>					
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
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 ₂ SO ₄			☐ < 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					
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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other					

Contains
1:1
Sulfuric Acid
SA-7093010
EXP: 04/03/18
Warning!
See SDS

Place Preservative
(If Available)

Notes:

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT: SM 04/04/2018

(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT: SM 04/10/2018 SM 4/23/2018

(Initials/Date)

Scan/Save Field Sheets SM 06/06/2018Migrate Data to WIN: SM 04/24/2018 4445 Verify Data in WIN: SM 06/06/2018

Request Number: RQ-2018-03-05-14

Lakes: Neff, Tooke, Thomas

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: J. Ashton

Project ID: SMP

Collected By: J. Ashton, B. PaswaterSampling Agency: FDLP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3-5-18</u> Time <u>1000</u>		Eastern ☒ Central ☐		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID/WIN G5SW0122		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.23</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>7/13</u>	
WIN/STOF		Temp (C) <u>20.32</u>		pH <u>6.91</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>59</u>			
Site Name: <u>Tooke Lake N</u>		☐ dd ☐ dms		Salinity (ppt) <u>0.03</u>		Comments <u>E. COLI DROPPED AND AEL</u>					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3-5-18</u> Time <u>1005</u>		Eastern ☒ Central ☐		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN: G5SW0122DUP		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.23</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>7/13</u>	
WIN/STOF		Temp (C) <u>20.32</u>		pH <u>6.91</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>59</u>			
Site Name: <u>Tooke Lake N DUP</u>		☐ dd ☐ dms		Salinity (ppt) <u>0.03</u>		Comments <u>E. COLI DROPPED AND AEL</u>					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date _____ Time <u>1015</u>		Eastern ☐ Central ☒		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN: BLANK		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>7/13</u>	
WIN/STOF		Temp (C) <u>13</u>		pH <u>7.1</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm)			
Site Name: <u>BLANK</u>		☐ dd ☐ dms		Salinity (ppt)		Comments <u>E. COLI DROPPED AND AEL</u>					
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/STOF #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: J. Ashton

Date/Time

3-5-18 1700

Shipping Method

FLS Rx

Number of Coolers Shipped:

2

Received By:

Date/Time

Group: A Bottle Type: P-1L # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 5

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 5

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 3 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 5

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 5

W-PO4-F

Group: B Bottle Type: P-120ML-WC-THI # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 5

SWD-AEL-EC

E-COLI DROPPED OFF 2 AEL



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		BOTTLE SIZE & TYPE		Analysis Required		E. COLI		LABORATORY I.D. #	
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-03-05-14									
Sampled By:											
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: of		☐ ADaPT ☐ EQUIS ☐ Other									
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRE SER- VATT ON				
			DATE	TIME							
G55W0122	TOOKE LAKE NORTH	/	3-5-18	1000	SW	1					
G55W0122 DUP	TOOKE LAKE NORTH DUPLICATE		"	1005	"	1					
	BLANK		"	1015	"	1					
G45W0087	NEFF LAKE CENTER		"	1135	"	1					
G55W0111	LAKE THOMAS		"	1300	"	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: <u>Judy Ashton</u>	Date: <u>3-5-18</u>	Time: <u>1425</u>	Received by: <u>[Signature]</u>	Date: <u>3/5/18</u>	Time: <u>1425</u>
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FOR DRINKING WATER USE:

PWS ID: _____