RQ-2018-05-21-03

Log-in Checklist

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 05/22/2018 / 09:50

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape Present? Yes	Evidence Tape Present? No	Evidence Tape *Intact? Yes	Evidence Tape *Intact? No	Tracking # (fill out only if waybill copy is damaged)
Red	1.9C	15		✓			
Red	2.1C	16		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes X No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____ Date 5-22-18

CONTAINER CHECK

**Evidence Tape on Bottles? Yes_____ No X If yes, is it intact? Yes_____ No_____

**Caps on tight? Yes X No_____ **Containers intact? Yes X No_____

**Sufficient Sample Volume: Yes X No_____

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.

Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No_____ NA_____ Init: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes_____ No_____ NA ✓ Init: ABS

Coolers Unpacked/Checked by: ABS Date: 05/22/2018 NCRs (Y/N)? _____

Event ID: Kit A North Lakes SW-DIST-2018-05-22-01 (SMP) Date Received: 22-MAY-2018 09:50 NCR # _____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Infrared Thermometer ID:	*REC_03_2018*
pH Paper 0.0 – 3.0 Lot #	*230515 EXP:10/30/2018*
pH Paper 0 – 13 Lot #	*222516 EXP:09/15/2019*
Chlorine Test Strips Lot #	*091417V EXP:09/2021*

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ No__X__

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ If No_____

no, were samples shipped on dry ice? Yes_____ No_____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Request Number: RQ-2018-05-21-03

Kit A North Lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: J. Ashton, S. Meyer

Field Report Prepared By: Judy Ashton

Sampling Agency: FDEP

Location — Field ID/WIN: G1SW0020 — Site Name: Lake Wastena

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5-21-18 Time 1130 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A/C

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.91 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.75 | pH 7.64 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 152

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.07 | Comments

Location — Field ID: G1SW0020_DUP — Location: Lake Wastena_DUP — WIN ID: G1SW0020

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 5-21-18 Time 1135 Eastern Central | Composite end Date Time | Bottle Group(s): A/C

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.91 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.75 | pH 7.64 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 152

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.07 | Comments

Location — Field ID/WIN: BLANK — Site Name: Field Blank

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 5-21-18 Time 1140 Eastern Central | Composite end Date Time | Bottle Group(s): A

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

Temp (C) | pH D.I. WATER | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Location — Field ID/WIN: G1SW0030 — Site Name: Lake Armistead Center

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5-21-18 Time 1215 Eastern Central | Composite end Date Time | Bottle Group(s): A/B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.33 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.07 | pH 7.77 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 207

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.10 | Comments: E. COLI SLOPES OFF 2 ABL

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	5-21-18 1700	FES Exp			5-22-18 0950

From sample. ABJ 5/22/18

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	7
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	7
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	SWD-AEL-EC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	7
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	7
	W-PO4-F						

GROUP A P-120ML-WC-THI # SENT TO LAB 3

ECOLI / IBQT

WASTENA + MAGDALENE

1 of 3

~~Page 1 of 2~~

Request Number: RQ-2018-05-21-03

Kit A North Lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: JUDY ASHTON

Collected By: J. ASHTON, S. MEYER

Sampling Agency: FDEP

Field ID/WIN G1SW0006

Site Name: Little Lake Wilson Ctr

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-21-18 Time 1030 Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A/B		
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.14 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C) 26.31	pH 7.57	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 331		
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.16	Comments E.COLI DROPPED USE 2 ABL				

Field ID/WIN G1SW0009

Site Name: Little Lake Wilson South

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-21-18 Time 1040 Eastern Central	Composite end Date Time	Bottle Group(s) A/B		
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.06 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C) 26.31	pH 7.83	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 328		
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.16	Comments E.COLI DROPPED USE 2 ABL				

Field ID/WIN G1SW0059

Site Name: Lake Magdalene Ctr

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-21-18 Time 930 Eastern Central	Composite end Date Time	Bottle Group(s) A/C		
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.21 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C) 26.20	pH 7.93	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 267		
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.13	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
J. Ashton	5-21-18 1700	FDEP Exp		ATB	5-22-18 1040 ATB

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	7

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	7

CHLSUITE-W

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

~~SWD-AEL-EC~~

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	7

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

H2SO4
LOT# SA8085170
EXP: 03/26/19

Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	7

W-PO4-F

GROUP B P-120ML-WC-THI — # SENT TO LAB 3
SWD-AEL-EC DROPPED AT 2 ALL

GROUP C P-120ML-WC-THI — # SENT TO LAB 3
ECOLI-18QT

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
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:	
Sampled By:		RQ-2018- 05-21-03	
Turn Around Time:	☑ STANDARD ☐ RUSH	☐ ADaPT ☐ EQuIS ☐ Other	
Page:	1 of 1		

SAMPLE ID / SAMPLE DESCRIPTION	Grab / Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	BOTTLE SIZE & TYPE	Analysis Required: E. coli				LABORATORY I.D. #
Field ID/WIN G1SW0030		5-21-18	1215	SW	1			1				
Site Name: Lake Armistead Center												
Field ID/WIN G1SW0006		5-21-18	1030	"	1			1				
Site Name: Little Lake Wilson Ctr												
Field ID/WIN G1SW0009		5-21-18	1040	"	1			1				
Site Name: Little Lake Wilson South												

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 = (H_2SO_4) N = (HNO_3) 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	Judy Ashton	5-21-18	1300		5/21/18	1355

FOR DRINKING WATER USE:

PWS ID:

RQ-2018-05-21-03

Date of Request: 03-JAN-2018
Created By: ASHTON_J On: 03-JAN-2018
Modified By: WATTS_J On: 15-MAY-2018
Customer: SW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southwest District
Sampling Event: Kit A North Lakes

Send Coolers To:

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Judy Ashton

Send Final Report To:

FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Judy Ashton

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 15-MAY-2018
Biology Request Reviewed By: SWANSON_C On: 15-MAY-2018
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 06-MAY-2018
Sampling Kit Packed By: REAVES_S
Preservatives Needed: NO
Date to Receive Samples: 21-MAY-2018
Received By: SHAIK_A On: 22-MAY-2018

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: North Lakes

Micro modified 5/15:
AEL to group B - 3 samples
TLH to group C - 2 samples

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L Number of Bottles: 5 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 5 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-500ML Number of Bottles: 5 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 5 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 3 Samples:

Bottle Type: Number of Bottles: 3 Preserved With: ICE

Bottle Group B (Water) With 3 Samples:

Bottle Type:	Number of Bottles: 3	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD

Bottle Group C (Water) With 2 Samples:

Bottle Type:	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Part # 156148-434 RIT EXP 03/19 ::

FedEx TRK# 0221 4385 5029 2731

RETURNS MON-FI

TUE - 22 MAY 10:30A

PRIORITY OVERNIGHT

32399 FL-US TLH

36 TLHA

FID 981491 21MAY18 MCFA 546C2/

RT 856 1 10:30 B 2731 05.22

FZ

FedEx TRK# 0221 4385 5029 2753

TUE - 22 MAY 10:30A

PRIORITY OVERNIGHT

32399 FL-US TLH

36 TLHA

RT 856 1 10:30 R

FZ

FID 981491