

Log-in Checklist

RQ- **2019 - 03 - 25 - 30**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **04-04-2019 / 10:20**

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
2.7C			12		X			
1.9C			12		X			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (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 **X** Date

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 REQUIRED? (Blue dot on container) Yes No **X** Init: **ABS**

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		
W-PFAS-MS					

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

****Acid Preserved Samples:** pH ≤ 2.0? Yes **X** No NA Init: **ABS** JA

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes No NA **X** Init: **ABS**

Coolers Unpacked/Checked by: **ABS** Date: **04-04-2019** NCRs (Y/N)?

Event ID: **CEN-DIST-2019-04-04-02** 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

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

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: _____

Central Laboratory Submittal Form

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Mike Linger

Project ID: SMP

Collected By:

Mike Linger / Lawrence Dorman

Sampling Agency:

FDEP CE-ROC

Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 918	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Noname Lake @ Center	G2CE0068		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.54	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC				Temp (C) 22.0	pH 6.66	Sample Depth 0.3	Sp. Conductance (umho/cm) 125.6
Latitude	☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 959	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Lake Ellen @ Center	G2CE0060		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.42	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC				Temp (C) 21.6	pH 6.62	Sample Depth 0.3	Sp. Conductance (umho/cm) 108.7
Latitude	☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 1023	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Lake Concord @ Center	G2CE0059		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.39	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC				Temp (C) 21.9	pH 7.96	Sample Depth 0.3	Sp. Conductance (umho/cm) 202.3
Latitude	☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 1100	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Lake Searcy @ center	G2CE0137		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.73	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC				Temp (C) 22.1	pH 7.37	Sample Depth 0.3	Sp. Conductance (umho/cm) 150.5
Latitude	☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: MKL	Date/Time 4/3/19 1600	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: ABJ	Date/Time 4-4-19/10:20
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F					

H2SO4
LOT# SA8344070
EXP: 12/10/2019

Ellen / Concord / Searcy / Noname / Gem / Park

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/15 Time 1152	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID WIN ID / Field ID → Lake Gem at Center	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.66	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STOI	Temp (C) 22.4	pH 7.55	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 230.1
Latitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms		Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/15 Time 1203	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID WIN ID / Field ID → Lake Park at center	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.90	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Temp (C) 22.3	pH 7.65	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 202.3
Latitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms		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) ☐ dd ☐ dms	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) ☐ dd ☐ dms	Comments		

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

MKL

4/3/19

1600

FedEx

2

[Signature]

4/3/19/1000

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F				

Date of Request: 07-MAR-2019
 Created By: LINGER_M On: 07-MAR-2019
 Modified By: JASROTIA_P On: 08-MAR-2019
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Ellen / Concord / Searcy / Noname / Gem / Park

Send Coolers To:

Phone: 407-894-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Send Final Report To:

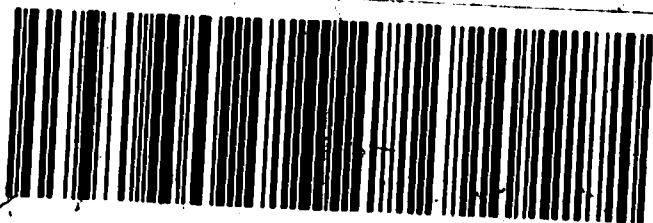
FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 08-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 08-MAR-2019
 Sampling Kit Required: YES Ship on: 15-MAR-2019
 Sampling Kit Shipped: YES On: 11-MAR-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 25-MAR-2019
 Received By: SHAIK_A On: 04-APR-2019

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

Comments:**Bottle Group A (Water) With 6 Samples:**

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /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-SO ₄ -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: 6	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: 6	Preserved With: ICE And H₂SO₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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: 6	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

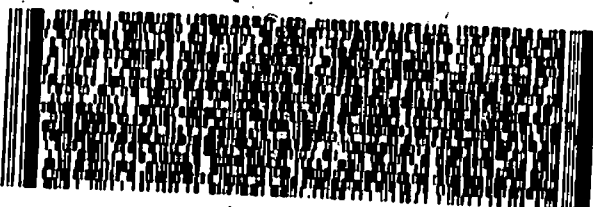


Part # 156146-434 RIT EXP 09/19 ::

32399

RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 4751 8777 6394



TALLAHASSEE FL 32399

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

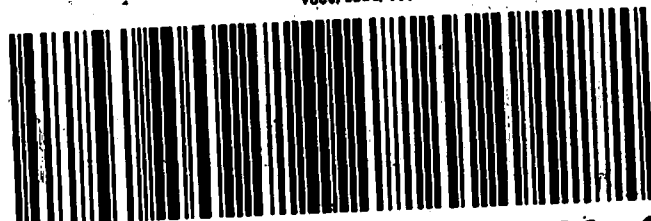
SHIP DATE: 11MAR19
ACTWGT: 10.00 LB MAN
CAD: 0446870/CAFE3211

ORIGIN ID: TLHA (407) 894-7555

MIKE LINGER
FL DEP CENTRAL DISTRICT
3318 MAGUIRE BLVD STE 232

ORLANDO, FL 328033767

UNITED STATES US



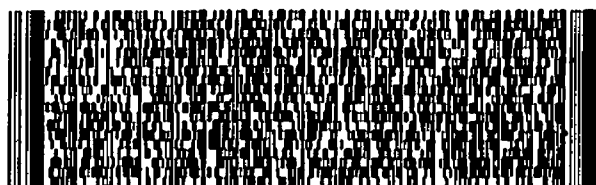
Part # 156146-434 RIT EXP 09/19 ::

32399
FL-US
TLH

THU - 04 APR 10:30A
PRIORITY OVERNIGHT

TRK# 4751 8777 6383

36 TLHA



TALLAHASSEE FL 32399

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

SHIP DATE: 11MAR19
ACTWGT: 10.00 LB MAN
CAD: 0446870/CAFE3211

ORIGIN ID: TLHA (407) 894-7555

MIKE LINGER
FL DEP CENTRAL DISTRICT
3318 MAGUIRE BLVD STE 232

ORLANDO, FL 328033767

UNITED STATES US