

RQ- 2018-12-10-04

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 12/11/2018 / 10:19

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)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>2.7C</u>			<u>14</u>		<u>X</u>			
<u>1.5C</u>			<u>16</u>		<u>X</u>			

* 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 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 12-11-18

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 No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No ✓ 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		

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

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

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: 12/11/2018 NCRs (Y/N)?

Event ID: Wire, Bonnet, Beulah
SLI-DIST-2018-12-11-01 (SMP) 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 #	
pH Paper 0 – 13 Lot #	215517 EXP:06/01/2020
Chlorine Test Strips Lot #	7226 EXP:2020/07

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: _____

Wire, Bonnet, Beulah

**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:

Field Report Prepared By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 12-10-18 Time 1150		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID/WIN G2SW0052				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.13		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Site Name: Lake Beulah NW		Temp (C) 19.2		pH 6.74		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 127.6	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.06		Comments E. COLI DROPPED OUT @ AEL					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 12-10-18 Time 1130		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN G2SW0053				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.80		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Site Name: Lake Beulah SW		Temp (C) 19.3		pH 6.91		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 127.1	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.06		Comments E. COLI DROPPED OUT @ AEL					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 12-10-18 Time 1140		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN G2SW0054				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.17		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Site Name: Lake Beulah East		Temp (C) 19.2		pH 6.76		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 126.6	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.06		Comments E. COLI DROPPED OUT @ AEL					
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: J. Asher	Date/Time 12-10-18 1700	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time 12-11-18 16:15
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	SWD-AEL-EC <i>E. COLI MDPALA OTTO AEL</i>						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	6
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	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: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

Wire, Bonnet, Beulah

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J. Ashton, S. Meyer

Sampling Agency: FDEP

Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0055		☒ Grab	Date 12-10-18	Time 1050	☒ Central	Date	Time	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A
		7.48		☐ % sat		(mg/L)		
Temp (C) 19.2		pH 7.35		Sample Depth 0.3		Sp. Conductance (umho/cm) 153.7		
☐ dd		Salinity (ppt) 0.07		Comments		E. COLI ALLOPEDS OK 2 AEL		
☐ dms								
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0056		☒ Grab	Date 12-10-18	Time 1100	☒ Central	Date	Time	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A
		7.50		☐ % sat		(mg/L)		
Temp (C) 19.1		pH 7.10		Sample Depth 0.3		Sp. Conductance (umho/cm) 154.8		
☐ dd		Salinity (ppt) 0.07		Comments		E. COLI ALLOPEDS OK 2 AEL		
☐ dms								
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN BLANK		☐ Grab	Date 12-10-18	Time 1205	☒ Central	Date	Time	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine		A
				☐ % sat		(mg/L)		
Temp (C) D.I.		pH		Sample Depth		Sp. Conductance (umho/cm)		
☐ dd		Salinity (ppt)		Comments		NO E. COLI		
☐ dms								
Location		☐ Comp	Collection (comp begin or grab)		☐ Eastern	Composite end		Bottle Group(s)
Field ID		☐ Grab	Date	Time	☐ Central	Date	Time	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine		
				☐ % sat		(mg/L)		
Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
☐ dd		Salinity (ppt)		Comments				
☐ dms								
Latitude		Longitude		Salinity (ppt)		Comments		
☐ dd		☐ dd		☐ dms		☐ dms		
☐ dms		☐ dms		☐ dms		☐ dms		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				APB	12-11-18/10/19

Group: A	Bottle Type:	P-1L	# of Bottles: 8	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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	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: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					



Advanced
Environmental Laboratories, Inc.

Gainesville: 4885 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
Jacksonville: 6661 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 950.219.6274 • Fax 950.219.6275
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		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:					
Sampled By:		RQ-2018-12-10-04		Analysis Required		E. COLI	
Turn Around Time: ☒ STANDARD ☐ RUSH							
Page: 1 of 1		☐ ADAPT ☐ EQUIS ☐ Other					
SAMPLE ID		SAMPLE DESCRIPTION		Grab		DATE	
Field IDWIN		G2SW0052		12-10-18		1150	
Site Name: Lake Beulah NW				5W		1	
Field IDWIN		G2SW0053		12-10-18		1130	
Site Name: Lake Beulah SW				5W		1	
Field IDWIN		G2SW0054		12-10-18		1140	
Site Name: Lake Beulah East				5W		1	
Field IDWIN		G2SW0055		12-10-18		1050	
Site Name: Lake Wire East				5W		1	
Field IDWIN		G2SW0056		12-10-18		1100	
Site Name: Lake Wire West				5W		1	

W = 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: ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used)

Temperature when received (in degrees Celsius)

FOR DRINKING WATER USE:

PWS ID:

Date of Request: 03-JUL-2018
 Created By: ASHTON_J On: 03-JUL-2018
 Modified By: JASROTIA_P On: 14-NOV-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Wire, Bonnet, Beulah

Send Coolers To:

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

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-NOV-2018
 Biology Request Reviewed By: JASROTIA_P On: 14-NOV-2018
 Sampling Kit Required: YES Ship on: 30-NOV-2018
 Sampling Kit Shipped: YES On: 27-NOV-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 10-DEC-2018
 Received By: SHAIK_A On: 11-DEC-2018

Send Final Report To:

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

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

Comments: Wire, Bonnet, Beulah

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	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-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: 8	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI	Number of Bottles: 8	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO3
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Chromium
Copper
Lead
Nickel
Silver

Bottle Type: P-500ML	Number of Bottles: 8	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: 8	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

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

ORIGIN ID: TLHA (813) 470-5772
BEN PASQUATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECON PKWY
TEMPLE TERRACE, FL 336370926
UNITED STATES US

SHIP DATE: 08DEC18
ACTWT: 15.00 LB MAN
CRD: 0446870/CAFE3211

TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

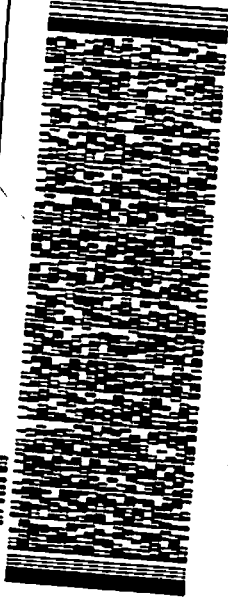
TALLAHASSEE FL 32399

(850) 245-8077

REF:

RMA: III IIII III

DEPT:



FedEx
Express



TRK# 4751 8774 7490

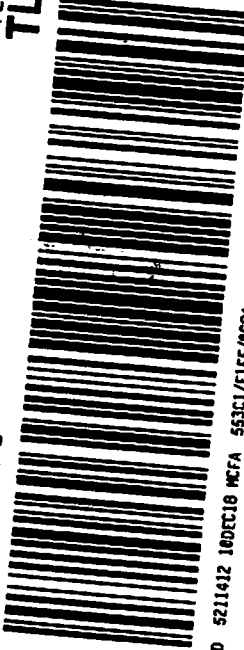
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36 TLHA

RETURNS MON - FRI
PRIORITY OVERNIGHT
TUE - 11 DEC 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH



FTD 5211412 18DEC18 MCFA 553C1/FIFE/MCBA

ORIGIN ID: TLHA (813) 470-5772
BEN PASQUATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECON PKWY
TEMPLE TERRACE, FL 336370926
UNITED STATES US

SHIP DATE: 08DEC18
ACTWT: 15.00 LB MAN
CRD: 0446870/CAFE3211

TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF:

RMA: III IIII III

DEPT:



FedEx
Express



TRK# 4751 8774 7505

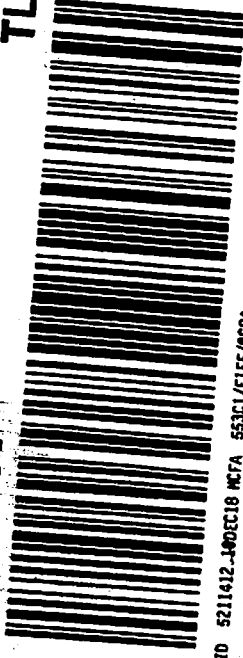
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0221 4751 8774 7505

36 TLHA

RETURNS MON - FRI
PRIORITY OVERNIGHT
TUE - 11 DEC 10:30A
PRIORITY OVERNIGHT

32399
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FTD 5211412 18DEC18 MCFA 553C1/FIFE/MCBA