

Log-in Checklist

RQ- 2018-10-29-37

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/15/2018 / 13:20

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	
2.6C			4		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 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 11-15-18

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No If yes, is it intact? Yes No

**Caps on tight? Yes No **Containers intact? Yes No

**Sufficient Sample Volume: Yes 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: 11/15/2018 NCRs (Y/N)?

Event ID: Lake Asher
CEN-DIST-2018-11-15-03 (SMP) NCR #

Date Received: 15-NOV-2018 13:20

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Lake Asher

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Katie MarchCollected By: Leif BomanSampling Agency: 2 FICEN

Location	WIN ID / Field ID →		 G2CE0130	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2) A	
Field ID	Lake Asher @ Center of Lake			☒ Grab	Date <u>11/14/18</u>	Time <u>1240</u>	Central		Date
WIN/STOR				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine		
Latitude	☐ dd ☐ dms	Longitude		☐ dd ☐ dms	Temp (C) <u>26.61</u>	pH <u>7.44</u>	Sample Depth <u>0.3</u>		☐ ft ☒ m
				Salinity (ppt) <u>0.09</u>	Comments				
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☐ Grab	Date	Time	Central		Date
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
Latitude				☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☐ Grab	Date	Time	Central		Date
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
Latitude				☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☐ Grab	Date	Time	Central		Date
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
Latitude				☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☐ Grab	Date	Time	Central		Date
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
Latitude				☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments

Relinquished By: <u>K March</u>	Date/Time: <u>11/14/18 1600</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>ABG</u>	Date/Time: <u>11-15-18/13:20</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	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:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	Na thiosulfate and Ice	Enter Number of Bottles Sent to Lab	1 to Cautuck Lab
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUTE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
	W-PO4-F						

3419 Trentwood Blvd., Suite 102 - Belle Isle (Orlando), FL 32812-4864 --- Phone: (407) 855-9465 --- Fax: (407) 826-0419

CUSTODY TRANSFERS				Method of Shipment:	Received in Cooler: ☒ Y ☐ N	pH Checked in Laboratory
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☒	Cooler Temp. verification: <u>7°C</u>	(< 2 s.u.): ☐ Y ☒ N
1. <u>K March</u>	<u>[Signature]</u>	<u>11/14/18</u>	<u>1430</u>	Shipped By FedEx: _____	Temp. Blank Provided ☐ Y ☒ N	pH Lot #: _____
2. _____	_____	_____	_____	UPS: _____	Temperature Blank Cooler #1: _____°C	Sulfuric Acid: Lot # _____
				Other: _____	Temperature Blank Cooler #2: _____°C	Chlorine Check
					Temperature Blank Cooler #3: _____°C	(< 0.1 mg/l): ☐ Y ☒ N

	B39585	($<0.1 \text{ mg/l}$): Y / N
COMMENTS:		

Date of Request: 11-OCT-2018
 Created By: LINGER_M On: 11-OCT-2018
 Modified By: SWANSON_C On: 19-OCT-2018
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Lake Asher

Send Coolers To:

Phone: 407-897-4180
 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: 18-OCT-2018
 Biology Request Reviewed By: SWANSON_C On: 19-OCT-2018
 Sampling Kit Required: YES Ship on: 22-OCT-2018
 Sampling Kit Shipped: YES On: 20-OCT-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 29-OCT-2018
 Received By: SHAIK_A On: 15-NOV-2018

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

Comments:**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-1L	Number of Bottles: 1	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: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: Na thiosulfate and Ice
CD-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs
Bottle Type: BP-1L	Number of Bottles: 1	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: 1	Preserved With: ICE And H ₂ SO ₄
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: 1	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

Cooler Packing Worksheet for Request: RQ-2018-10-29-37

Lake Asher

Ship Cooler On: 10/22/2018

Customer/Project: CEN-DIST/SMP

Assigned To: REAVES_S

Requester: Michael Linger

Priority: 3

407-897-4180
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Attn: Mike Linger

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00072522

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: Na thiosulfate and Ice

Lot # L18244

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1219444

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00670886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR Number of Coolers: 1 Date: 10-20-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-10-29-37

ORIGIN ID: TLHA (407) 894-7555
MIKE L. GER
FL DEP CENTRAL DISTRICT
3319 MAGUIRE BLVD STE 232
ORLANDO, FL 328033767
UNITED STATES US

ACTWGT: 5.00 LB MAN
CAD: 0446870/CAFE3211

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

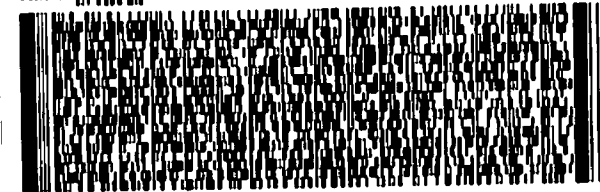
(850) 246-8077

REF:

INVT:
P01

DEPT:

RMA: 01 100 01



FedEx
Express



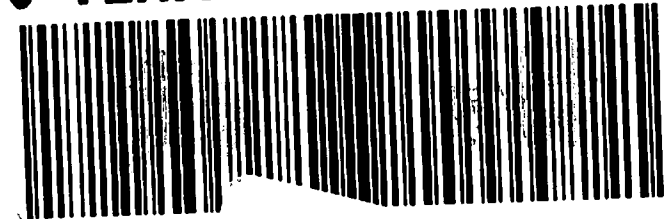
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TRK# 4385 5034 8304
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THU - 15 NOV 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
TLH



FTD 288427 14NOV18 ORLA

RT **856**
FZ

1
10:30 **B**
8304
11.15