

RQ- 2019-01-21-28

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1-25-19 | 10:30

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	
2.6 2.2			8		☒			
					☒			

* 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 ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☐ Date

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:

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

Coolers Unpacked/Checked by: SR Date: 1-25-19 NCRs (Y/N)? Y

Event ID: Minnie / Silver / Chain / Gleason
CEN-DIST-2019-01-25-01 (SMP) NCR # 7461

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_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP: 07/2020

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No ✓

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: _____

Minnie / Silver / Chain / Gleason

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

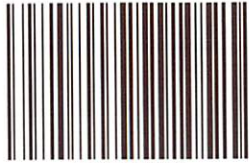
Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger / Lawrence Drennan

Sampling Agency: FOEP - CE-Roc

Location WIN ID / Field ID → Three Island Lake @ Center of South Lobe	 G2CE0085	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/23/19 Time 935	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.10	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S		Temp (C) 16.0	pH 5.96	Sample Depth 0.3	Sp. Conductance (umho/cm) 103.5	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location WIN ID / Field ID → Lake Gleason @ Center	 G2CE0114	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/23/19 Time 1024	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.77	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S		Temp (C) 15.8	pH 6.99	Sample Depth 0.3	Sp. Conductance (umho/cm) 171.3	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location WIN ID / Field ID → Lake Minnie @ Center	 G2CE0108	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/23/19 Time 1115	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.12	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST		Temp (C) 16.0	pH 6.74	Sample Depth 0.3	Sp. Conductance (umho/cm) 253.4	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location WIN ID / Field ID → Silver Lake @ Center	 G2CE0122	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/23/19 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.37	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S		Temp (C) 17.3	pH 6.85	Sample Depth 0.3	Sp. Conductance (umho/cm) 245.2	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: MKL	Date/Time 1/23/19 1600	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: SR	Date/Time 1-25-19 / 10:30
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Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
H2SO4 LOT# SA8197090 EXP: 07/16/2019					
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F					

Printed: 1/25/2019 10:50:10 AM

Page 1 of 1

Date of Request: 03-JAN-2019
 Created By: LINGER_M On: 03-JAN-2019
 Modified By: JASROTIA_P On: 07-JAN-2019
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Minnie / Silver / Chain / Gleason

Send Coolers To:

Phone: 407-894-4180
 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 04-JAN-2019
 Biology Request Reviewed By: JASROTIA_P On: 07-JAN-2019
 Sampling Kit Required: YES Ship on: 15-JAN-2019
 Sampling Kit Shipped: YES On: 11-JAN-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 21-JAN-2019
 Received By:

Send Final Report To:

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

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

Comments:

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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: 4	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: 4	Preserved With: ICE And H ₂ SO ₄
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: 4	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

Do Not Lift Using This Tag

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

SHIP DATE: 11JAN19
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3211

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

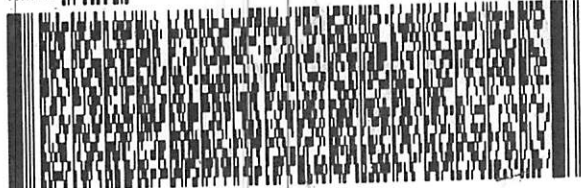
TALLAHASSEE FL 32399

(850) 245-8077
THU:
PO:

REF:

DEPT:

RMA: ||| |||| |||



FedEx
Express



J181118060501uv

FedEx

TRK#
0221

4751 8775 4610

THU - 24 JAN 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399

FL-US
TLH



FID 5037366 23JAN19 ORLA 553C2/D74C/8C8A

Part # 158148-434 RIT EXP 09/19

551C2/D74C/104C

US

Do Not

ORIGIN ID: TLHA (407) 894-7555
MIKE LINGER
FL DEP CENTRAL DISTRICT
3319 MAGUIRE BLVD STE 232

SHIP DATE: 11JAN19
ACTWGT: 10.00 LB MAN
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ORLANDO, FL 328033767
UNITED STATES US

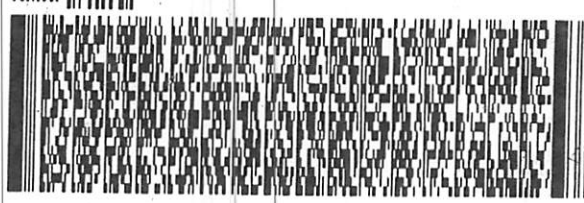
TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
INV:
PO:

REF:
DEPT:

RMA: ||| |||| |||



FedEx
TRK# 4751 8775 4600
0221

THU - 24 JAN 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
TLH



FID 5037366 23JAN19 ORLA 553C2/D74C/0C8A

551C2/D74C/10

Cooler Packing Worksheet for Request: RQ-2019-01-21-28

Minnie / Silver / Chain / Gleason

Ship Cooler On: 1/15/2019

Customer/Project: CEN-DIST/SMP

Assigned To: REAVES_S

Requester: Michael Linger

Priority: 3

407-894-4180
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: 4

Container ID: P-1L

Qty: 4

Preservation: ICE

Lot # 00071991

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: BP-1L

Qty: 4

Preservation: ICE

Lot # 1241507

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00072570

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: 4 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: SK

Number of Coolers: 2

Date: 1-11-19

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-2019-01-21-28

Reaves, Shawn D

From: Linger, Michael
Sent: Monday, January 28, 2019 2:52 PM
To: Reaves, Shawn D
Cc: Ayala, Natalie
Subject: RE: RQ-2019-01-21-26/RQ-2019-01-21-28/RQ-2019-01-21-54

Thank you for letting us know.

Michael Linger
Environmental Specialist
Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
3319 Maguire Blvd. Suite 232
Orlando FL, 32803
407-897-4180

From: Reaves, Shawn D
Sent: Friday, January 25, 2019 2:10 PM
To: Linger, Michael <Michael.Linger@dep.state.fl.us>
Subject: RQ-2019-01-21-26/RQ-2019-01-21-28/RQ-2019-01-21-54
Importance: High

Mike,

We didn't receive the following RQ-2019-01-21-26/RQ-2019-01-21-28/RQ-2019-01-21-54 until today due to FEDEX transportation the samples were collected on 1/23/19. I wanted to let you know that the samples will have qualified data on the final report.

Shawn D. Reaves
DEP-Lab Support
Lab Tech IV
Office: 850-245-8082
Direct: 58082

