

RQ- 2018-12-03-29

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 12-18-18/1015

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>1.0</u>			<u>12</u>		☒			
<u>2.1</u>			<u>12</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 ☒ 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		

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

****Acid Preserved Samples:** pH $\leq$ 2.0? Yes ☒ No ☐ NA ☐ Init:

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

Coolers Unpacked/Checked by: SR

Date: 12-18-18

NCRs (Y/N)? N

Event ID: Shell Creek A Kit
SO-DIST-2018-12-18-01 (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_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
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: _____

Shell Creek A Kit

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Steven Cofone

Field Report Prepared By: Gary Sorel

Project ID: SMP

Collected By: Steve Cofone

Sampling Agency: SROC 8082

Field ID/WIN ID G3SD0125		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 0940	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location Shell Cr. @ SR 31		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 7.02	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) 18.04	pH 7.32	Sample Depth 0.2	Sp. Conductance (umho/cm) 1091	
Salinity (ppt) 0.54 Comments						
Field ID/WIN ID G3SD0124		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 0955	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location Myrtle Slough @ SR 31		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 9.38	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) 17.99	pH 7.73	Sample Depth 0.25	Sp. Conductance (umho/cm) 1020	
Salinity (ppt) 0.51 Comments						
Field ID/WIN ID G3SD0123		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 1010	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location Prairie Cr. @ SR 31		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 8.51	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) 17.88	pH 7.56	Sample Depth 0.25	Sp. Conductance (umho/cm) 641	
Salinity (ppt) 0.31 Comments						
Field ID/WIN ID G3SD0122		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 1100	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location Horse Cr. @ Kings Hwy		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 8.61	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) 17.70	pH 7.29	Sample Depth 0.2	Sp. Conductance (umho/cm) 613	
Salinity (ppt) 0.3 Comments						

Relinquished By: Steve Cofone	Date/Time 12/17/18 1230	Shipping Method Fedex	Number of Coolers Shipped: 2	Received By: SR	Date/Time 12-18-18/10:15
----------------------------------	----------------------------	--------------------------	---------------------------------	--------------------	-----------------------------

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					
H2SO4 LOT# SA8274050 EXP: 10/01/2019					
Group: A	Bottle Type: P-125ML	# of Bottles: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	6
W-PO4-F					

Shell Creek A Kit

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Steven Cofone

Field Report Prepared By: Gary Sworer

Project ID: SMP

Collected By: Steve Cofone

Sampling Agency: SROL 8052

Field ID/WIN ID G3SD0121	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 11:30-5K	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location PrairieCr@WashingtonLoop	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.38	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) 19.79	pH 7.39	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 811	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.40	Comments		
Field ID/WIN ID G3SD0120	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/17/18 Time 12:00-5K	Eastern Central	Composite end Date Time	Bottle Group(s)
Location ShellCr.@WashingtonLoop	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.21	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) 17.05	pH 7.73	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 954	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.47	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		
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: Steve Cofone	Date/Time 12/17/18 1230	Shipping Method fedex	Number of Coolers Shipped: 2	Received By: SR	Date/Time 12-18-18/10:15
----------------------------------	----------------------------	--------------------------	---------------------------------	--------------------	-----------------------------

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					

Printed: 12/18/2018 10:50:50 AM

Page 1 of 1

Date of Request: 13-NOV-2018
 Created By: COFONE_S On: 13-NOV-2018
 Modified By: JASROTIA_P On: 14-NOV-2018
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Shell Creek A Kit

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Steven Cofone

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Steven Cofone

Program Module Number:
 Priority: 3
 Event Status: S
 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: 21-NOV-2018
 Sampling Kit Shipped: YES On: 21-NOV-2018
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 03-DEC-2018
 Received By:

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

Comments: Group A: Freshwater Kit, No Metals

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 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: 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



Ref:
Dep:

Date: 21Nov18
Wgt: 10.00 LBS

DV:

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Svcs: PRIORITY OVERNIGHT Master 4385 5035 9460
TRCK: 4385 5035 9460

ORIGIN ID: TLHA (239) 344-5716
STEVEN COFONE
FLDEP SOUTH DISTRICT OFFICE
2295 VICTORIA AVE.
SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 21NOV18
ACTWGT: 10.00 LB MAN
CAD: 0/CAFE3211

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

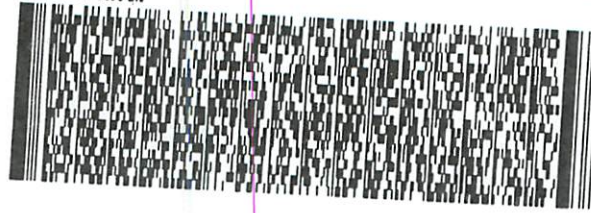
(860) 245-8077

INU:
PO:

REF:

DEPT:

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



FedEx
Express



FedEx

TRK#
0221

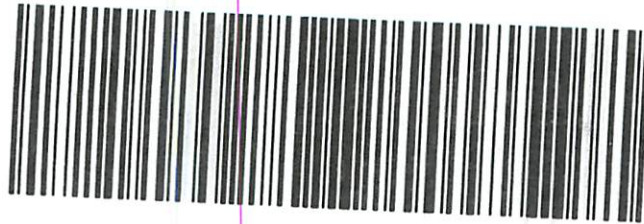
4385 5035 9460

TUE - 18 DEC 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US TLH



5026742 12/17 552J2/E4RF/DCA5



Do Not Lift Using This Tag

Ref:	Date: 21Nov18	SHIPPING:	0.00
Dep:	Wgt: 10.00 LBS	SPECIAL:	0.00
		HANDLING:	0.00
DV:	0.00	TOTAL:	0.00

Svcs: PRIORITY OVERNIGHT Master 4385 5035 9460
TRACK: 4385 5035 9470

ORIGIN ID: TLHA (239) 344-5716
STEVEN COFONE
FLDEP SOUTH DISTRICT OFFICE
2295 VICTORIA AVE.
SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SH
AC
CAL

B 9470 12.18

1 10.30

RT 856

FZ

3401/2832/3155

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SEC1
2600 BLAIRSTONE RD

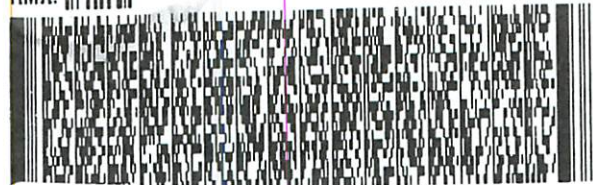
TALLAHASSEE FL 32399

(850) 246-8077
INV:
PO:

REF:

DEPT:

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



FedEx
Express



API05090811131F

FedEx

TRK#
0221

4385 5035 9470

TUE - 18 DEC 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US

TLH

297-4
EXP 10/19



#5026742 12/17 552J2/E4AF/DCR5

Cooler Packing Worksheet for Request: RQ-2018-12-03-29

Shell Creek A Kit

Ship Cooler On: 11/21/2018

Customer/Project: SO-DIST/SMP

Assigned To: KLUG_K

Requester: Steven Cofone

Priority: 3

239-332-6975 SC 748-6975
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381

Attn: Steven Cofone

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals

Requested Analyses:

Bottle Group: A**# of Sites: 6**

Container ID: P-1L

Qty: 6

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

DescriptionAlkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True color measured at 450 nm

Fluorescence 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: 6

Preservation: ICE

Lot #

1238147

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 00072433

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: 6 Preservation: FILTER-ICE

Lot # 00056275

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: KH

Number of Coolers: 2

Date: 11-19-18

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-2018-12-03-29