Log-in Checklist

RQ-2018-02-05-21

Shipping Method: Fed Ex

Date/Time of Receipt: 2-8-18 | 9:45

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.1C	17		✓			
BLUE	2.4C	7		✓			
Red	1.7C	16		✓			

*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____

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 (Blue dot on container)

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-AHERB-AA (-AHB-AA-R)		—	W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: ____

Coolers Unpacked/Checked by: ABS Date: 2-8-18 NCRs (Y/N)? ____

Event ID: Bmap Tribs 1 NE-DIST-2018-02-08-01 (SMP) Date Received: 08-FEB-2018 09:45 ____ 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

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_____ No_____

If 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: _____

Additional Comments:

Shaik, Amzad

From: Frederick, Nicole
Sent: Thursday, February 08, 2018 11:07
To: Shaik, Amzad
Subject: FW: PCR SAMPLES
Attachments: RQ-2018-02-05-21.pdf

SORRY!!

It's not missing, we didn't send it. We got out to the field and realized PCR-Filter for the DUP was not sampled. I attached an updated COC.

Question: do we need to DUP the PCR-Filter samples? Do we need to also put them in our blank kit?

From: Davis, Brian G.
Sent: Thursday, February 8, 2018 11:04 AM
To: Frederick, Nicole <Nicole.Frederick@dep.state.fl.us>
Subject: RE: PCR SAMPLES

From: Frederick, Nicole
Sent: Thursday, February 8, 2018 11:02 AM
To: Davis, Brian G. <Brian.G.Davis@dep.state.fl.us>
Subject: FW: PCR SAMPLES

From: Shaik, Amzad
Sent: Thursday, February 8, 2018 10:47 AM
To: Frederick, Nicole <Nicole.Frederick@dep.state.fl.us>; Kalmbacher, Amy <Amy.Kalmbacher@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: PCR SAMPLES

RQ-2018-02-05-21 on the submittal form indicated W-PCR-FILTER Group A 10 containers and Group-B 4 containers shipped to lab, lab received total 10 containers.
Missing containers in group A 20030951dup / 20030951.
Please email me about missing containers.

Thanks.

Amzad Shaik
FLORIDA DEP LABS
Scientific Support Section

Office: 850-245-8081
Direct: 58081
Amzad.shaik@dep.state.fl.us

Request Number: RQ-2018-02-05-21

Bmap Tribs 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: N. Frederick

Collected By: N Frederick / A. Kalubaker

Sampling Agency: NEROC

WIN/ Field ID: 20030082

Butcher PEN CR @ Confederate PT Road 2/7/2018

☐ Comp ☒ Grab | Collection (comp begin or grab) Date ~~2/5/18~~ 2/7/18 Time 0955 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.7 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 5.9 | pH 7.49 | Sample Depth 0.10 ☐ ft ☒ m | Sp. Conductance (umho/cm) 378

Latitude 30.24474 ☒ dd ☐ dms | Longitude 81.73454 ☒ dd ☐ dms | Salinity (ppt) 0.18 | Comments

---

WIN/ Field ID: 20030518

Goodbys Creek @ SR 13 2/7/2018

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 0910 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 15.7 | pH 7.3 | Sample Depth 0.30 ☐ ft ☒ m | Sp. Conductance (umho/cm) 364

Latitude 30.21579 ☒ dd ☐ dms | Longitude 81.61671 ☒ dd ☐ dms | Salinity (ppt) 0.18 | Comments

---

WIN /Field ID: 20030951

Big Fishweir Crk SF East Park St

STORET

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 1115 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 16.4 | pH 7.7 | Sample Depth 0.10 ☐ ft ☒ m | Sp. Conductance (umho/cm) 593

Latitude 30.2924 ☐ dd ☐ dms | Longitude 81.72538 ☒ dd ☐ dms | Salinity (ppt) 0.29 | Comments

---

WIN /Field ID: 20030951

Big Fishweir Crk SF East Park St 20030951DUP

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 1120 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude 30.2922 ☒ dd ☐ dms | Longitude 81.72538 ☒ dd ☐ dms | Salinity (ppt) | Comments (Duplicate)

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	2/7/18 @ 1400	FEDEX	3	[signature]	2-8-18/9:45

Group: A	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: ~~3~~ 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4	
Group: A	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: ~~3~~ 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4	
Group: A	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: ~~3~~ 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4	
Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: ~~3~~ 10	Preservative: ICE	Enter Number of Bottles Sent to Lab	10	
Group: A	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: ~~3~~ 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4	
Group: A	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: ~~3~~ 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4	
Group: A	Bottle Type: P-125ML W-PO4-F	# of Bottles: ~~3~~ 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4	
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-F W-TSS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2	
Group: B	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2	

Request Number: RQ-2018-02-05-21

Bmap Tribs 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: N. Frederick

Collected By: N. Frederick / A. Kalmbacher

Sampling Agency: NERoc

WIN/ Field ID: 20030139

Big Fishweir Creek @ Herschel St. 2/7/2018

Latitude 30.29010 ☒dd ☐dms	Longitude 81.71354 ☒dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/7/18 Time 1050	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) B
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.70	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
		Temp (C) 16.2	pH 7.6	Sample Depth 0.30 ☐ ft ☒ m	Sp. Conductance (umho/cm) 489		
		Salinity (ppt) 0.24	Comments				

WIN/ Field ID: 20030958

Craig CR 100m Down from footbridge in park 2/7/2018

Latitude 30.29503 ☒dd ☐dms	Longitude 81.64941 ☒dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/7/18 Time 1240	Eastern Central	Composite end Date	Time	Bottle Group(s) A
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
		Temp (C) 17.4	pH 7.7	Sample Depth 0.30 ☐ ft ☒ m	Sp. Conductance (umho/cm) 460		
		Salinity (ppt) 0.22	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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	2/7/18	FEDEX	3	[signature]	2-8-17 / 9:45

Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: A	Bottle Type:	BG-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-F W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Jerry Allen

Client Name	Project Number
FDEP-NE ROC	RQ-2018- 02-05-21
Report To	Report CC
Dep-Overflowmicro@dep.state.fl.us	
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	FAX #
904-256-1541	
Sampler's Signature	Sampler's Printed Name
Nicole Fr	Nicole Frederick

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	Preservative	E.Coli	Enterococci	REMARKS
						0	0		
20030139 - Big fish.		2/7/18	~~0950~~ 1050 ~~0910~~	SW				X	
20030518 - Goodbys			0910					X	
~~20030798 - Littlefish~~	NOT SAMPLED		1115				X		REMOVE
20030958 - Crais			1240				X		
20030082 - Butcher			0955				X		
20030951 - Bigfish			1115						

Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us

25

TURNAROUND REQUIREMENTS

___ RUSH (SURCHARGES APPLY)

X STANDARD

REQUESTED FAX DATE
N/A

REQUESTED REPORT DATE
N/A

REPORT REQUIREMENTS

___ I. Results Only

___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

___ III. Results + QC and Calibration Summaries

___ IV. Data Validation Report with Raw Data

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # B10739

Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: [signature]	Signature: [signature]	Signature	Signature	Signature	Signature
Printed Name: Amy Kalmbacher	Printed Name: Renee Futch	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 2-7-2018	Date/Time: 2/7/18 1315	Date/Time	Date/Time	Date/Time	Date/Time

1315

RQ-2018-02-05-21

Date of Request: 08-JAN-2018
Created By: PARRISH_J On: 08-JAN-2018
Modified By: SWANSON_C On: 17-JAN-2018
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Bmap Tribs 1

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 17-JAN-2018
Biology Request Reviewed By: SWANSON_C On: 17-JAN-2018
Sampling Kit Required: YES Ship on: 26-JAN-2018
Sampling Kit Shipped: YES On: 23-JAN-2018
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 05-FEB-2018
Received By: SHAIK_A On: 08-FEB-2018

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

Comments:

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE	
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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	
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE	
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
Bottle Type:	Number of Bottles: 3	Preserved With: ICE	
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District	
Bottle Type: QPCR-P-250ML	Number of Bottles: 6	Preserved With: ICE	
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis	
Bottle Type: BG-1L	Number of Bottles: 3	Preserved With: ICE	
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS	
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS	
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS	
Bottle Type: P-500ML	Number of Bottles: 3	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 Group A (Water) With 3 Samples:

Bottle Type: P-125ML Number of Bottles: 3 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

Bottle Group B (Water) With 2 Samples:

Bottle Type: Number of Bottles: 2 Preserved With: ICE

NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE

PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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

Bottle Type: P-1L Number of Bottles: 2 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: BP-1L Number of Bottles: 2 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

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

FedEx Express **Package US Airbill**

FedEx Tracking Number **8119 7781 0762**

MUR4

Form ID No. 0215

Recipient's Copy

n 2-7-2018 [redacted]

er's N Frederick Phone 904 256-1700

any FDEP

ss 8800 Baymeadows Way W Dept/Floor/Suite/Room

Jacksonville State FL ZIP 32256

Internal Billing Reference

ient's SAMPLE RECEIVING Phone 850 245-8058

any FLORIDA DEP/CHEMISTRY SECTION

ss 2600 BLAIRSTONE RD Dept/Floor/Suite/Room

ot deliver to P.O. boxes or P.O. ZIP codes.

ss

ter for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

Hold Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0127857428

8119 7781 0762

4 Express Package Service * To most locations. **Packages up to 150 lbs.** For packages over 150 lbs., see the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.
☐ Direct Signature — Someone at recipient's address may sign for delivery.
☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods? One box must be checked.

☒ No ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

[redacted]262

Total Packages 3 Total Weight ____ lbs. Credit Card Auth. ____

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express **Package US Airbill**

FedEx Tracking Number **8119 7781 0751**

MUR4

Form ID No. 0215

Recipient's Copy

2-7-2018 [redacted]

N. Frederick Phone 904 256-1700

FDEP

8800 Baymeadows Way W Dept/Floor/Suite/Room

Jacksonville State FL ZIP 32256

ternal Billing Reference

rs SAMPLE RECEIVING Phone 850 245-8058

, FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD Dept/Floor/Suite/Room

liver to P.O. boxes or P.O. ZIP codes.

for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

Hold Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0127857428

8119 7781 0751

4 Express Package Service * To most locations. **Packages up to 150 lbs.** For packages over 150 lbs., see the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.
☐ Direct Signature — Someone at recipient's address may sign for delivery.
☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods? One box must be checked.

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Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

[redacted]262

Total Packages 3 Total Weight ____ lbs. Credit Card Auth. ____

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express Package US Airbill

FedEx Tracking Number 8121 9136 1242

MUR3

Form ID No. 0215

From

Date 2-7-2018

Sender's Name N Frederick Phone 904 256-1700

Company FDEP

Address 8800 Baymeadows Way W Dept/Floor/Suite/Room

City Jacksonville State FL ZIP 32256

Your Internal Billing Reference

To

Recipient's Name SAMPLE RECEIVING Phone 800 245-3085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 7900 GLAIRSTONE RD Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE State FL ZIP 32399

Hold Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0129698132

8121 9136 1242

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

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7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

[redacted]262

Total Packages 3 Total Weight ____ lbs. Credit Card Auth. ____

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Request Number: RQ-2018-02-05-21

Bmap Tribs 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: N. Frederick

Collected By: N Frederick / A. Kalmbacher

Sampling Agency: NERRC

WIN/ Field ID: 20030082

Butcher PEN CR @ Confederate PT Road 2/7/2018

Latitude 30.24474 dd dms | Longitude 81.73454 dd dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 0955 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.7 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 15.9 | pH 7.49 | Sample Depth 0.10 ☐ ft ☒ m | Sp. Conductance (umho/cm) 378

Salinity (ppt) 0.18 | Comments

WIN/ Field ID: 20030518

Goodbys Creek @ SR 13 2/7/2018

Latitude 30.21579 dd dms | Longitude 81.61671 dd dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 0910 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 15.7 | pH 7.3 | Sample Depth 0.30 ☐ ft ☒ m | Sp. Conductance (umho/cm) 364

Salinity (ppt) 0.18 | Comments

WIN /Field ID: 20030951

Big Fishweir Crk SF East Park St

Latitude 30.2924 dd dms | Longitude 81.72538 dd dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 1115 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 16.4 | pH 7.7 | Sample Depth 0.10 ☐ ft ☒ m | Sp. Conductance (umho/cm) 593

Salinity (ppt) 0.29 | Comments

WIN /Field ID: 20030951

Big Fishweir Crk SF East Park St 20030951DUP

Latitude 30.2922 dd dms | Longitude 81.72538 dd dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/7/18 Time 1120 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments: (Duplicate)

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	2/7/18 @ 1400	FEDEX	3		

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: ~~4~~ 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: ~~4~~ 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: ~~4~~ 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: ~~8~~ 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
Group: A	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: ~~4~~ 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: ~~4~~ 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: ~~4~~ 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2