Request Number: RQ-2017-10-09-08

LSJR DowntownSalt

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Alicia Hogue

Collected By: Amy Kalmbacher, Brian Davis, Alicia Hogue

Sampling Agency: DEP

Field ID: G2NE0823 10112017

Pottsburg Cr. @ Beach Blvd. STORET: 20030815

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-2017 Time 0845	Eastern / Central	Composite end Date	Time	Bottle Group(s) (See pg 2) A
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 2.09 mg/L ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Temp (C) 26.3	pH 7.15	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 301	
Latitude 30.28725 ☒ dd ☐ dms	Longitude 81.56981 ☒ dd ☐ dms	Salinity (ppt) 0.14	Comments		

Field ID: G2NE0146 10112017

Big Fishweir Cr. @ Herschel St. STORET: 20030139

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-2017 Time 0930	Eastern / Central	Composite end Date	Time	Bottle Group(s) A
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 1.14 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Temp (C) 27.0	pH 7.35	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 391	
Latitude 30.2900 ☒ dd ☐ dms	Longitude 81.7135 ☒ dd ☐ dms	Salinity (ppt) 0.19	Comments		

Field ID: G2NE0086 10112017

Ortega R Br @ Timuquana Rd. STORET: 20030079

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-2017 Time 1000	Eastern / Central	Composite end Date	Time	Bottle Group(s) A, B
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 1.03 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Temp (C) 28.0	pH 7.53	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 187	
Latitude 30.2472 ☒ dd ☐ dms	Longitude 81.7099 ☒ dd ☐ dms	Salinity (ppt) 0.09	Comments		

Field ID: G2NE0601 10112017

Goodbys Creek @ Sanchez Rd. STORET: 20030594

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/11/17 Time 10:40	Eastern / Central	Composite end Date	Time	Bottle Group(s) A
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 1.14 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Temp (C) 26.5	pH 7.39	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 334	
Latitude 30.2215 ☒ dd ☐ dms	Longitude 81.6089 ☒ dd ☐ dms	Salinity (ppt) 0.16	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By	Date/Time
	10-11-2017	fed ex			10/12/17 10:20

* Sample collection date + time taken from sample container.

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	ALKALINITY TURBIDITY W-F W-SO4-IC W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0 (to overflow lab)
	NED-COL-EN						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	5
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	5
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						

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Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Alicia Hogue

Collected By: Amy Kaltenbacher, Brian Davis, Alicia Hogue

Sampling Agency:

FIELD BLANK 10112017

	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-2017 Time 0855	(Eastern) Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
	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)		
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)		
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)		
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
				J.D.	10/12/17 10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	ALKALINITY TURBIDITY W-F W-SO4-IC W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	NED-COL-EN						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	5
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	5
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						

RQ-2017-10-09-08

Date of Request: 25-AUG-2017
Created By: PARRISH_J On: 25-AUG-2017
Modified By: SWANSON_C On: 07-SEP-2017
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: LSJR DowntownSalt

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 06-SEP-2017
Biology Request Reviewed By: SWANSON_C On: 07-SEP-2017
Sampling Kit Required: YES Ship on: 25-SEP-2017
Sampling Kit Shipped: YES On: 25-SEP-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 09-OCT-2017
Received By:

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

Comments:

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices	
Bottle Type: BP-1L	Number of Bottles: 5	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: 5	Preserved With: ICE	
NED-COL-EN	Template: DEFAULT	(ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED	
Bottle Type: P-500ML	Number of Bottles: 5	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: 5	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 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	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: 1	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	

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

Log-in Checklist

RQ- 2017-10-09-08

Shipping Method: Fed Ex Date/Time of Receipt: 10/12/17 10:30

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	2.3°C	11		✓			
BLUE	1.4°C	12		✓			

*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: JD

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

Coolers Unpacked/Checked by: JD Date: 10/12/17 NCRs (Y/N)?

Event ID: ME-01ST-2017-10-12-01 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:

FedEx Express **Package US Airbill**

FedEx Tracking Number **8115 9551 7274**

Form ID No. 0215 — **Recipient's Copy**

1 From

Date 10/11/2017

Sender's Name B Davis Phone 904 256-1700

Company FDEP / NE ROC

Address 8800 Baymeadows Way W STE 100 Dept./Floor/Suite/Room

City Jacksonville State FL ZIP 32256

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE 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.

0126912290

8115 9551 7274

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

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- [ ] FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] 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.

- [X] 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.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted] 262

Total Packages 2 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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01000

FedEx Express Package US Airbill

FedEx Tracking Number 8115 9551 7285

Form ID No. 0215

Recipient's Copy

1 From

Date 10/11/2017

Sender's Name B. Davis Phone 904 256-1700

Company FDEP / NE Roc

Address 8800 Baymeadows Way W STE 100

Dept./Floor/Suite/Room

City Jacksonville State FL ZIP 32256

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

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

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.

City TALLAHASSEE State FL ZIP 32399

0126712290

8115 9551 7285

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

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
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2 or 3 Business Days

- [ ] FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

[ ] FedEx Envelope* [ ] FedEx Pak* [ ] FedEx Box [ ] FedEx Tube [X] 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.
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Does this shipment contain dangerous goods?

One box must be checked.

[X] 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. [X] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

[redacted]262

Total Packages 2 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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