Log-in Checklist

RQ- 2018-02-19-10

Shipping Method: FEDEX

Date/Time of Receipt: 02/20/18 @ 10:00

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	
Blue	1.6°C	18		X			790775165299
Red	2.2°C	18		X			790775165266

*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 X 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		J	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		

KK

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No_____ NA_____ Init: KK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes_____ No_____ NA X Init: M

Coolers Unpacked/Checked by: Tyler R. **Date:** 02/20/18 **NCRs (Y/N)?** N

Event ID: LSJR_Downtown_Salt_2018 (SMP) NE-DIST-2018-02-20-01 Date Received: 20-FEB-2018 10:0 **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__X__

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:

Request Number: RQ-2018-02-19-10

LSJR_Downtown_Salt_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: J Parrish

Field Report Prepared By: JParrish

Sampling Agency: FDEP

Location: BIG POTTSBURG @ 2000M S ATLANTIC BLVD

WIN /Field ID: 20030816

Field ID:

WIN/STORE:

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1200 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A, B, C

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 5.57 ☒ mg/L ☐ % sat

Total Res. Chlorine (mg/L):

Temp (C): 22.5

pH: 7.42

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 1320

Salinity (ppt): 0.68

Comments:

Location: BIG POTTSBURG CR ATL BLVD

WIN /Field ID: 20030072

Field ID:

WIN/ST(

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1220 Eastern Central | Composite end Date Time | Bottle Group(s): A, B, C

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 7.14 ☒ mg/L ☐ % sat

Total Res. Chlorine (mg/L):

Temp (C): 21.3

pH: 7.65

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 2770

Salinity (ppt): 1.44

Comments:

Location: ARLINGTON R CESERY BLVD

WIN /Field ID: 20030073

Field ID:

WIN/STORET

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1240 Eastern Central | Composite end Date Time | Bottle Group(s): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 7.32 ☒ mg/L ☐ % sat

Total Res. Chlorine (mg/L):

Temp (C): 21.2

pH: 7.68

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 3050

Salinity (ppt): 1.58

Comments:

Location:

Arlington River at Carlton oaks

WIN /Field ID: G2NE1152

Field ID:

WIN/STORET #

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1255 Eastern Central | Composite end Date Time | Bottle Group(s): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 7.17 ☒ mg/L ☐ % sat

Total Res. Chlorine (mg/L):

Temp (C): 19.9

pH: 7.75

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): ~~2500~~ 2500

Salinity (ppt): 1.28

Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JParrish	2/19/18 1600	Fedex	2	Tyler R	02/20/18@10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	6
	ALKALINITY TURBIDITY W-F 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:	HNO3	**Enter Number of Bottles Sent to Lab**	6
	W-ICP W-ICPMS						
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						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	6 ~~to ALS~~
	NE-ALS-ECQ						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	PCR-FILTER						
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						

Request Number: RQ-2018-02-19-10

LSJR_Downtown_Salt_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: [signature]

Field Report Prepared By: [signature]

Sampling Agency: FDEP NE

Location | WIN /Field ID: 20030679

Field ID

WIN/STORE — LITTLE POTTSBURG CREEK AT ATLANTIC BLVD

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1310 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.7 ☐mg/L ☐% sat | Total Res. Chlorine (mg/L)

Temp (C) 20.47 | pH 7.74 | Sample Depth 0.3 ☐ft ☒m | Sp. Conductance (umho/cm) 3380

Salinity (ppt) 1.78 | Comments

Location | WIN /Field ID: 20030814

Field ID

WIN/STOR — LITTLE POTTSBURG CR @ MOUTH OF W BRNCH

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/19/18 Time 1325 Eastern Central | Composite end Date Time | Bottle Group(s): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.86 ☒mg/L ☐% sat | Total Res. Chlorine (mg/L)

Temp (C) 20.9 | pH 7.70 | Sample Depth 0.3 ☐ft ☒m | Sp. Conductance (umho/cm) 2680

Salinity (ppt) 1.37 | Comments

Location

Field ID

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

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)

Salinity (ppt) | Comments

Location

Field ID

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

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)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	2/19/18 1600	Fedex	2	Tyler R.	02/20/18@10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	NE-ALS-ECQ						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	PCR-FILTER						
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						

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- 02-19-10
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**
Jeremy Parrish	Jeremy Parrish

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	E.Coli	Enterocooi	Preservative Key
					Preservat:	0	0	0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other
20030816		2/18/19	1200	SW	1		X	
20030072			1220	SW	1		X	
20030073			1240	SW	1		X	
~~2003~~ 62NE 1152			1255	SW	1		X	
20030679			1310	SW	1		X	
20030814			1325	SW	1		X	
								REMARKS

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

0.2°C

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: Jeremy Parrish	Signature: Michelle Mo	Signature	Signature	Signature	Signature
Printed Name: Jeremy Parrish	Printed Name: Michelle Spell	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 2/19/19 @ 1420	Date/Time: 2/19/19 1420	Date/Time	Date/Time	Date/Time	Date/Time

RQ-2018-02-19-10

Date of Request: 08-JAN-2018
Created By: FREDERIC_N On: 08-JAN-2018
Modified By: SWANSON_C On: 01-FEB-2018
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: LSJR_Downtown_Salt_2018

Send Coolers To:

Phone: 904-807-3300
8800 Baymeadows Way W
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way W
Suite 100
Jacksonville, FL 32256-7577
Attn: Greg Strong

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 31-JAN-2018
Biology Request Reviewed By: SWANSON_C On: 01-FEB-2018
Sampling Kit Required: YES Ship on: 09-FEB-2018
Sampling Kit Shipped: YES On: 05-FEB-2018
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 21-FEB-2018
Received By:

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

Comments: Group A: Marine Kit with Metals
Group B: Bacteria-Entero-ALS
Group C: PCR-Filter/Tracers

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 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: 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: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Calcium
Chromium
Iron
Magnesium
Nickel
Potassium
Sodium
Zinc

W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Arsenic
Cadmium
Copper
Lead
Silver

Bottle Type: P-500ML Number of Bottles: 6 Preserved With: ICE And H2SO4

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML Number of Bottles: 6 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: 6 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 6 Samples:

Bottle Type: Number of Bottles: 6 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 Group C (Water) With 2 Samples:

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

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