Log-in Checklist

RQ- 2018-11-26-13 Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 12/11/18 @ 10:19am

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	
-0.1°C			6		X			4385 5035 6118
0.9°C			7		X			4385 5035 6129

* 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 12/11/18

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 REQUIRED? (Blue dot on container) Yes ✓ No_____ Init: MK

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		X	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 ≤ 2.0? Yes ✓ No____ NA____ Init: MK

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

Coolers Unpacked/Checked by: Tyler R. **Date:** 12/11/18 **NCRs (Y/N)?** N

Event ID: LSJR Coast NE-DIST-2018-12-11-01 (SMP) Date Received: 11-DEC-2018 10:1 **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

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

Additional Comments:

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_____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: _____

Request Number: RQ-2018-11-26-13

LSJR Coast

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: Cheyanne Reben / A. Kalmbacher

Field Report Prepared By: Cheyanne Reben

Sampling Agency: FDEP DEHR

WIN / Field ID: 20030758

HOPKINS CR AT KINGS RD

Latitude — ☐dd ☐dms | Longitude — ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12-10- Time 1300 Eastern Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): B

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

Diss. Oxygen: ~~99%~~ 10.4 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 14.8 | pH: 7.32 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 38,020

Salinity (ppt): 24.1 | Comments:

WIN /Field ID: G2NE1154

Greenfield Creek @ end of Buccaneer

Latitude — ☐dd ☐dms | Longitude — ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12-10-18 Time 1130 Eastern Central | Composite end Date — Time — | Bottle Group(s): B

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

Diss. Oxygen: 7.94 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 16.1 | pH: 7.94 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 42,226

Salinity (ppt): 27.1 | Comments:

WIN / Field ID: 27010002

SHERMAN CR AT BRIDGE

Latitude — ☐dd ☐dms | Longitude — ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12-10-18 Time 1215 Eastern Central | Composite end Date — Time — | Bottle Group(s): B

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

Diss. Oxygen: ~~95~~ 7.93 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 15.9 | pH: 7.94 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 43307

Salinity (ppt): 27.9 | Comments:

WIN / Field ID: 20030802

Sherman Creek @ confl. Sanpablo

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
Cheyanne R	12-10-18 1600	Fedex	2	Tyler R.	12/11/18 @ 10:19a

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to ALS
	NE-ALS-ENQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to ALS
	NE-ALS-ENQ						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI W-E8321-MS						

Request Number: RQ-2018-11-26-13

LSJR Coast

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Cheyanne Ruben

Collected By: Cheyanne Ruben / Amy Kalmbacher

Sampling Agency: FDEP NE Roc

WIN / Field ID: G2NE1137

GREENFIELD CREEK at Wonderwood

Latitude —	☐ dd ☐ dms	Longitude —	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-10-18 Time 1145	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) B
				Matrix (type, e.g., Salt, Fresh, etc) ~~Fresh~~ Salt	Diss. Oxygen 7.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
				Temp (C) 16.0	pH 7.88	Sample Depth 0.15 ☐ ft ☒ m	Sp. Conductance (umho/cm) 40,992	
				Salinity (ppt) 26.3	Comments			

WIN /Field ID: 20030491

Sisters Creek @ Heckscher Dr.

Latitude —	☐ dd ☐ dms	Longitude —	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-16-18 Time 1035	Eastern Central	Composite end Date — Time —	Bottle Group(s) A
				Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.93	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
				Temp (C) 16.2	pH 7.93	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 43,270	
				Salinity (ppt) 28.0	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
				Tyler R.	12/11/18 @ 10:19.

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	NE-ALS-ENQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	NA
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	NA
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	NE-ALS-ENQ						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	NA
	W-E8321-DI W-E8321-MS						

ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

SR#

CAS Contract

Project Name: LSJR Coast	Project Number: RQ-2018-11-26-13
Project Manager: Jeremy Parrish	Email Address: DEP.waterflow.icva2@dep.state.fl.us
Company/Address: FDEP DEAR 8800 Baymeadows Way West Jacksonville FL 32256	
Phone #: (904) 256-1700	FAX #
Sampler's Signature: Cheyanne R	Sampler's Printed Name: Cheyanne Ruben

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 8

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	Enterococci	REMARKS/ ALTERNATE DESCRIPTION
20030491		12-10-18	1035	SW	1	X	
G2NE1154		12-10-18	1130	SW	1	X	
G2NE1137		12-10-18	1145	SW	1	X	
27010002		12-10-18	1215	SW	1	X	
G2NE1176		12-10-18	1300	SW	1	X	

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Ice

SPECIAL INSTRUCTIONS/COMMENTS

1.6

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

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
____ V. Specialized Forms / Custom Report
Edata ____Yes ____No

INVOICE INFORMATION
PO #
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Cheyanne R	Signature: Valerie Spears	Signature	Signature	Signature	Signature
Printed Name: Cheyanne Ruben	Printed Name: Valerie Spears	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 12-10-18 1424	Date/Time: 12/10/18 1425	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Retained by Client

RQ-2018-11-26-13

Date of Request: 22-OCT-2018
Created By: PARRISH_J On: 22-OCT-2018
Modified By: JASROTIA_P On: 02-NOV-2018
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: LSJR Coast

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: 01-NOV-2018
Biology Request Reviewed By: JASROTIA_P On: 02-NOV-2018
Sampling Kit Required: YES Ship on: 16-NOV-2018
Sampling Kit Shipped: YES On: 15-NOV-2018
Sampling Kit Packed By: RODRIGUE_G
Preservatives Needed: NO
Date to Receive Samples: 26-NOV-2018
Received By:

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

Comments:

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 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 using a maximum of 250 mL of sample

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

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

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville

Bottle Type: P-500ML Number of Bottles: 1 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
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Silver		

Bottle Type: P-500ML Number of Bottles: 1 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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H2SO4
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: 1	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 5 Samples:

Bottle Type: QPCR-P-500ML		Number of Bottles: 5	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0)	Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML		Number of Bottles: 5	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B)	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B)	Pesticides, 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.