

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: B Davis

Collected By: B Davis, J Parrish

Sampling Agency: DEAR NEP

Field ID:  G2NE0762 09262017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/26/17 Time 1040	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Strawberry Creek @ Lone Star Rd. STORET:  20030754	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.88	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) 24.3	pH 7.55	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 252	
Salinity (ppt) 0.12 Comments					
Field ID:  G2NE0660 09262017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/26/17 Time 1145	Eastern Central	Composite end Date Time	Bottle Group(s)
Terrapin at Faye rd. STORET:  20030653	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.2	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A, B
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) 24.9	pH 7.16	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 180	
Salinity (ppt) 0.08 Comments					
Field ID:  G2NE0875 09262017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/26/17 Time 845	Eastern Central	Composite end Date Time	Bottle Group(s)
Puncheon Br. @ Gate PKWY N STORET:  20030867	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 2.07	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) 23.4	pH 6.53	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 215	
Salinity (ppt) 0.1 Comments					
Field ID:  G2NE0856 09262017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/26/17 Time 955	Eastern Central	Composite end Date Time	Bottle Group(s)
NW Trib to Open Cr. @ Hodges Blvd STORET:  20030848	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 4.91	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A, B
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) 25.2	pH 7.35	Sample Depth 0.2 ☐ ft ☒ m	Sp. Conductance (umho/cm) 381	
Salinity (ppt) 0.2 Comments					

Relinquished By: B Davis	Date/Time: 9/26/17 1300	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: Tyler Reynolds	Date/Time: 09/27/17 @ 9:55am
--------------------------	-------------------------	------------------------	------------------------------	-----------------------------	------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 5	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: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative: ICE-FLTR		Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative: ICE		Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	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: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE		Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE		Enter Number of Bottles Sent to Lab _____

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location	Field ID:  G2NE0664 9262017	Greenfield Creek @ Atlantic Blvd.	STORET:  20030657	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>7/26/17</u> Time <u>1010</u>	☒ Eastern ☐ Central Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <u>A, B</u>
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		☐ mg/L ☐ % sat		
<u>Fresh</u>		<u>3.91</u>		(mg/L)				
Temp (C) <u>25.8</u>		pH <u>7.24</u>		Sample Depth <u>0.3</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>408</u>
Salinity (ppt) <u>0.19</u>		Comments						
☐ dd ☐ dms ☐ dd ☐ dms								
Location	Field ID:  G2NE0880 09262017	Newcastle Creek @ Ft. Caroline Rd.	STORET:  20030872	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>8/26/17</u> Time <u>1115</u>	☒ Eastern ☐ Central Composite end Date _____ Time _____	Bottle Group(s) <u>A, B</u>
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		☐ mg/L ☐ % sat		
<u>Fresh</u>		<u>5.24</u>		(mg/L)				
Temp (C) <u>23.9</u>		pH <u>7.03</u>		Sample Depth <u>0.1</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>277</u>
Salinity (ppt) <u>0.13</u>		Comments						
☐ dd ☐ dms ☐ dd ☐ dms								
Location	Field ID	STORET #	Latitude	Longitude	Salinity (ppt)	Comments		
Location	Field ID	STORET #	Latitude	Longitude	Salinity (ppt)	Comments		
Location	Field ID	STORET #	Latitude	Longitude	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				<u>Tyler Reynolds</u>	<u>09/27/17 @ 9:55a</u>

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	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-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:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	NE-ALS-ECQ						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1

Group: C	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: C	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-1L W-AHERB-AA W-UHERB-AA <i>Add W-SUC-AA-R</i>	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
Group: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	7

Date of Request: 06-SEP-2017
 Created By: PARRISH_J On: 06-SEP-2017
 Modified By: WATTS_J On: 26-SEP-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: LSJR Nutrients

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-SEP-2017
 Biology Request Reviewed By: SWANSON_C On: 25-SEP-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 25-SEP-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-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: 5	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: 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: ICE-FLTR
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 4 Samples:

Bottle Type:	Number of Bottles: 4	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 1 Samples:

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

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
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: 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
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: ICE-FLTR
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: 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-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: 1	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: 1	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: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

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

Log-in Checklist

RQ-2017-09-25-41

Shipping Method: FEDEX

Date/Time of Receipt: 09/27/17 @ 9:55am

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	2.2°C	12		✓			801014489412
Red	1.7°C	15		✓			801014489410

*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: TR

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

Coolers Unpacked/Checked by: Tyler R. Date: 09/27/17 NCRs (Y/N)? N

Event ID: NE-DIST-2017-09-27-01 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: