

UEC North

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Field ID:



G5NE0188 05032017

Ponte Vedra Lk @
Sawgrass Dr

STORET



27010182

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/3/17 Time 1325	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A	
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 1.40	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
Temp (C) 23.80	pH 7.58	Sample Depth 0.15	☐ ft ☒ m		Sp. Conductance (umho/cm) 817

Latitude 30.2276	☒ dd ☐ dms	Longitude 81.3776	☐ dd ☐ dms	Salinity (ppt) 0.40	Comments
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Field ID:		G5NE0186 05032017
Lake Vedra @ Solana Rd		
STORET		27010180

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/3/17 Time 1345	Eastern Central	Composite end Date Time	Bottle Group(s) A	
Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 8.37	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
Temp (C) 27.23	pH 8.73	Sample Depth 0.30	☐ ft ☒ m		Sp. Conductance (umho/cm) 928

Latitude 30.1930	☒ dd ☐ dms	Longitude 81.3674	☐ dd ☐ dms	Salinity (ppt) 0.45	Comments
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Field ID:		G5NE0186 05032017
Deep Creek 1.25 mi. N of Pine Island Rd.		
STORET		27010180

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	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 30.0681	☒ dd ☐ dms	Longitude 81.4029	☐ dd ☐ dms	Salinity (ppt)	Comments NO SAMPLE
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Field ID:		G5NE0075 05032017
Oyster Crk @ S. Dixie Hwy		
STORET		27010056

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/3/17 Time 0950	Eastern Central	Composite end Date Time	Bottle Group(s) B	
Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 4.30	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
Temp (C) 26.07	pH 7.85	Sample Depth 0.10	☐ ft ☒ m		Sp. Conductance (umho/cm) 53,358

Latitude 29.8876	☒ dd ☐ dms	Longitude 81.3276	☐ dd ☐ dms	Salinity (ppt) 35.24	Comments
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Relinquished By:	Date/Time 5/3/17 @ 1530	Shipping Method FEDEX	Number of Coolers Shipped: 2	Received By:	Date/Time 5-4-17/10-22
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
W-PO4-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-F W-TSS							
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1

UEC North

last revised Apr 7, 2016

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By:

Field ID: SMD

Collected By:

Sampling Agency:

Field ID: 
G5NE0194 05032017Wildwood Crk @
Wildwood Rd.

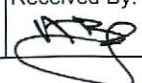
STORET


27010189

Latitude <u>29.8226</u> ☒ dd ☐ dms	Longitude <u>81.3450</u> ☒ dd ☐ dms	Salinity (ppt) <u>0.21</u>	Comments
Location	Field ID  G5NE0580 05032017	Cracker Branch 1.5 mi N of CR 204	STORET ID  G5NE0580
Latitude <u>29.6784</u> ☒ dd ☐ dms	Longitude <u>81.2947</u> ☒ dd ☐ dms	Salinity (ppt) <u>0.67</u>	Comments
Location	Field ID	STORET #	
Latitude	Longitude	Salinity (ppt)	Comments
Location	Field ID	STORET #	
Latitude	Longitude	Salinity (ppt)	Comments

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/3/17</u> Time <u>1020</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>4.72</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
Temp (C) <u>20.86</u>	pH <u>7.58</u>	Sample Depth <u>0.10</u>	Sp. Conductance (umho/cm) <u>442</u>	

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/3/17</u> Time <u>1045</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>4.87</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>C</u>
Temp (C) <u>21.80</u>	pH <u>7.50</u>	Sample Depth <u>0.80</u>	Sp. Conductance (umho/cm) <u>1321</u>	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: 	Date/Time <u>5-4-17/10-08</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____

Group: B Bottle Type: P-125ML # of Bottles: 1 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 1
W-PO4-F

Group C:

of Bottles (5)

Freshwater
w/metals

ALKALINITY	Total Alkalinity	Alkalinity
CHLSUITE-W	Chlorophyll/Phaeophytin Ratio, Chlorophyll-a Corrected, Chlorophyll-a Uncorrected, Phaeophytin-a	Chlorophyll
TURBIDITY	Turbidity	Turbidity
W-CL-IC	Chloride	Chloride
W-COLOR	Color (True)	Color
W-F	Fluoride	Fluoride
W-ICP	Calcium, Chromium, Iron, Magnesium, Nickel, Potassium, Sodium, Zinc	Calcium, Chromium, Iron, Magnesium, Nick
W-ICPMS	Arsenic, Cadmium, Copper, Lead, Silver	Arsenic, Cadmium, Copper, Lead, Silver
W-NH3	Ammonia-N	Ammonia
W-NO2NO3	NO2NO3-N	Nitrite-Nitrate
W-PO4-F	O-Phosphate-P	Orthophosphate-filtered
W-S-A-TP	Total-P	Total Phosphorus
W-SO4-IC	Sulfate	Sulfate
W-TDS	Total Dissolved Solids	Total Dissolved Solids
W-TKN	Kjeldahl Nitrogen	Total Kjeldahl Nitrogen
W-TOC	Organic Carbon	Total Organic Carbon
W-TSS	TSS	Total Suspended Solids

Date of Request: 01-FEB-2017
 Created By: FREDERIC_N On: 01-FEB-2017
 Modified By: WATTS_J On: 04-MAY-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: UEC North

Send Coolers To:

Phone: 904-256-1541
 8800 Baymeadows Way W
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Nicole Frederick

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 04-MAY-2017
 Biology Request Reviewed By: WATTS_J On: 04-MAY-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 10-APR-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 04-MAY-2017
 Received By: SHAIK_A On: 04-MAY-2017

Send Final Report To:

8800 Baymeadows Way w
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Nicole Frederick

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

Comments: Group A: Freshwater Kit, No Metals
 Group B: Marine Kit, No Metals
 Group C: Freshwater w/ Metals

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, phaeophytin and ratio by spectrophotometry
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 Type: P-125ML	Number of Bottles: 3	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 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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
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 Group C (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
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

*Lithium
 Aluminum
 Antimony
 Arsenic
 Barium
 Beryllium
 Boron
 Cadmium
 Calcium
 Chromium
 Cobalt
 Copper
 Iron
 Lead
 Magnesium
 Manganese
 Molybdenum
 Nickel
 Potassium
 Selenium
 Silver
 Sodium
 Strontium
 Thallium
 Tin
 Titanium
 Vanadium
 Zinc

W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
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Antimony
 Arsenic
 Barium
 Beryllium
 Cadmium
 Chromium
 Cobalt
 Copper
 Lead

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3
 W-ICPMS Template: DEFAULT (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Manganese
 Molybdenum
 Nickel
 Selenium
 Silver
 Thallium

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

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

Log-in Checklist

RQ- 2017-04-24-03

Shipping Method: FEDEX

Date/Time of Receipt: 5-4-17/10:00

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	
Red	1.1C	10		 			8113 0563 060
Red	2-7C	11		 			8113 0563 04

*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-Cl-R		

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

****Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: ABJ

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

Coolers Unpacked/Checked by: ABJ Date: 5-4-17 NCRs (Y/N)?

Event ID: UEC North NCR #

NE-DIST-2017-05-04-01 (SMP)

Date Received: 04-MAY-2017 10:00

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: