

UEC South

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

N. Fredenich

Project ID: SMP

Collected By:

J. Parrish / N. Fredenich

Sampling Agency:

NE ROC

field ID



G5NE0564 05152017

Pellicer Creek @
Faver Dykes Boat Ramp

storet ID



27010965

Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location	Pellicer Creek @ US 1			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Field ID	G5NE0034 05152017			Temp (C) 26.12	pH 7.53	Sample Depth 0.30	Sp. Conductance (umho/cm) 41,643	
STORET #	27010016			Salinity (ppt) 26.61	Comments			
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 1030	Eastern Central	Composite end Date Time	Bottle Group(s)
Location	Pellicer Creek @ US 1			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
Field ID	G5NE0034 05152017			Temp (C) 24.88	pH 7.09	Sample Depth 0.30	Sp. Conductance (umho/cm) 21,024	
STORET #	27010016			Salinity (ppt) 12.58	Comments			

field ID



G5NE0079 05152017

Cracker Branch
@ CR 204

storet ID



27010060

Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 1040	Eastern Central	Composite end Date Time	Bottle Group(s)
Location	Cracker Branch @ CR 204			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Field ID	G5NE0079 05152017			Temp (C) 24.18	pH 7.19	Sample Depth 0.20	Sp. Conductance (umho/cm) 7,145	
STORET #	27010060			Salinity (ppt) 3.88	Comments: tide was in			
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 1110	Eastern Central	Composite end Date Time	Bottle Group(s)
Location	Cracker Branch 1.5 mi N of CR 204			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Field ID	G5NE0580 05152017			Temp (C) 23.00	pH 7.47	Sample Depth 0.05	Sp. Conductance (umho/cm) 457	
STORET #	27010060			Salinity (ppt) 0.22	Comments			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

mch

5/15/17 @ 1300

FEDEX

1

Tyler Reynolds

05/16/17 @ 9:50a

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-120ML-WC-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	NED-COL-EN					
	NED-COL-FC					
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: ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP					
	W-ICPMS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2

UEC South

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Field ID:



BLANK 05152017

Equipment Blank

STORET



BLANK

☐ Comp		Collection (comp begin or grab)		☒ Eastern		Composite end		Bottle Group(s) (See pg 2)
☐ Grab		Date 5/15/17 Time 1050		☒ Central		Date Time		
Matrix (type, e.g., Salt, Fresh, etc) DIW				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)		Bottle Group(s)
				Date Time		Eastern Central Date Time		
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
						☐ mg/L ☐ % sat		
STORET #				Temp (C)		pH		Sp. Conductance (umho/cm)
						Sample Depth ☐ ft ☐ m		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		Bottle Group(s)
				Date Time		Eastern Central Date Time		
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
						☐ mg/L ☐ % sat		
STORET #				Temp (C)		pH		Sp. Conductance (umho/cm)
						Sample Depth ☐ ft ☐ m		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		Bottle Group(s)
				Date Time		Eastern Central Date Time		
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
						☐ mg/L ☐ % sat		
STORET #				Temp (C)		pH		Sp. Conductance (umho/cm)
						Sample Depth ☐ ft ☐ m		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		Bottle Group(s)
				Date Time		Eastern Central Date Time		
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
						☐ mg/L ☐ % sat		
STORET #				Temp (C)		pH		Sp. Conductance (umho/cm)
						Sample Depth ☐ ft ☐ m		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Micel R	5/15/17 @ 1300	FEDEX	1	Tyler Reynolds	05/16/17 @ 9:50

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-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	NED-COL-EN NED-COL-FC						
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:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	NED-COL-EN					
	NED-COL-FC					
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER					
Group: C	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					

Date of Request: 27-MAR-2017
 Created By: PARRISH_J On: 27-MAR-2017
 Modified By: MATTHEWS_D On: 17-APR-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: UEC South

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way W
 Suite B 200
 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: 17-APR-2017

Biology Request Reviewed By: MATTHEWS_D On: 17-APR-2017

Sampling Kit Required: YES Ship on: 25-APR-2017

Sampling Kit Shipped: YES On: 25-APR-2017

Sampling Kit Packed By: GREENWOO_J

Preservatives Needed: YES

Date to Receive Samples: 08-MAY-2017

Received By:

Send Final Report To:

8800 Baymeadows Way W
 Suite B 200
 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: 1 - case of sulfuric acid
 1 - case of nitric acid

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 CaCO ₃ /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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type:	Number of Bottles: 3	Preserved With: ICE
NED-COL-EN	Template: DEFAULT	(ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED
NED-COL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by ALS Environmental - FL Overflow Laboratories for NED
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-PO ₄ -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 3 Samples:

Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: ICE-FLTR
W-PO ₄ -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: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /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

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
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: 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
Cadmium		
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: 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 Group C (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 3	Preserved With: ICE
NED-COL-EN	Template: DEFAULT	(ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED
NED-COL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by ALS Environmental - FL Overflow Laboratories for NED
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.

RQ- 2017-05-08-13

Log-in Checklist

Shipping Method: FedExDate/Time of Receipt: 05/16/17 @ 2:50 am

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
<u>Re A</u>	<u>2.7°C</u>	<u>22</u>		☒			<u>811305629840</u>

*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: MR

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

Coolers Unpacked/Checked by: MR Date: 05/16/17 NCRs (Y/N)? N

Event ID: NE-DIST-2017-05-16-01 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: