

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jann Gruentzel

Field Report Prepared By:

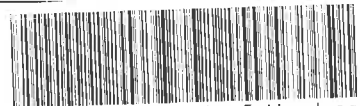
J. Gruentzel

Project ID: SMP

Collected By: A. Kalmbacher, N. Fredrick, J. Gruentzel

Sampling Agency:

NED DEAR ROC

Location				☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID		21010032 Rocky Cr @ Woodpecker		Date		Time		Date		Time		(See pg 2)	
STORET #		21010032		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine					
Latitude		30.541661		Temp (C)		pH		Sample Depth		Sp. Conductance			
Longitude		82.733559		Salinity (ppt)		Comments							
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine					
Latitude				Temp (C)		pH		Sample Depth		Sp. Conductance			
Longitude				Salinity (ppt)		Comments							
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine					
Latitude				Temp (C)		pH		Sample Depth		Sp. Conductance			
Longitude				Salinity (ppt)		Comments							
Location				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine					
Latitude				Temp (C)		pH		Sample Depth		Sp. Conductance			
Longitude				Salinity (ppt)		Comments							

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			<u>cu</u>	<u>4/14/16 9:10</u>				

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	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: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Customer: NE-DIST

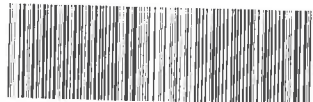
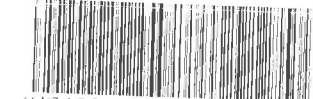
Requester: Jann Gruentzel

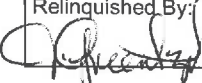
Field Report Prepared By: J. Gruentzel

Project ID: SMP

Collected By: A. Kalmbacher, N. Frederick, J. Gruentzel

Sampling Agency: NED DEAR DOC

Location 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/13/16 Time 1210	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID 21020141 Suwannee R @ SR 6	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.09 ☒ mg/L 16.2% ☒ % sat	Total Res. Chlorine (mg/L)		
STORET # 21020141	Temp (C) 19.5	pH 3.53	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 74	B
Latitude 30.507682 ☒ dd ☐ dms	Longitude 82.716768 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments		
Location 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/13/16 Time 1030	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID 21010020 Suwannee R @ Cone Bl	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.00 ☒ mg/L 65.4% ☒ % sat	Total Res. Chlorine (mg/L)		
STORET #	Temp (C) 19.5	pH 3.72	Sample Depth 0.2 ☐ ft ☒ m	Sp. Conductance (umho/cm) 67	B
Latitude 30.445050 ☒ dd ☐ dms	Longitude 82.670964 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments		
Location 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/13/16 Time 1355	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID 21020136 Jerry Br @ SE CR 25A	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.85 ☒ mg/L 62.5% ☒ % sat	Total Res. Chlorine (mg/L)		
STORET # 30.372472 21020136	Temp (C) 18.8	pH 4.77	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	A
Latitude 30.372472 ☒ dd ☐ dms	Longitude 82.864250 ☒ dd ☐ dms	Salinity (ppt) 0.02	Comments		
Location 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/13/16 Time 1120	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID 21020152 SuwanneeR @ Turner Bl	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.27 ☒ mg/L 68.4% ☒ % sat	Total Res. Chlorine (mg/L)		
STORET #	Temp (C) 19.39	pH 3.49	Sample Depth ☐ ft ☒ m	Sp. Conductance (umho/cm) 72	B
Latitude 30.524458 ☒ dd ☐ dms	Longitude 82.729953 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments		

Relinquished By: 	Date/Time 4/13/16 1600	Shipping Method FEDEX	Received By: 	Date/Time 4/14/16 9:10	Relinquished By:	Date/Time	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	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: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	BOD-UNIN						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3

Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
CHLSUITE-W							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>3</u>
W-ICP							
W-ICPMS							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
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	<u>3</u>
W-PO4-F							

Date of Request: 02-MAR-2016
 Created By: GRUENTZE_J On: 02-MAR-2016
 Modified By: WATTS_J On: 17-MAR-2016
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: SUWANNEE 4

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Jann Gruentzel

Send Final Report To:

8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Jann Gruentzel

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-MAR-2016
 Biology Request Reviewed By: SWANSON_C On: 16-MAR-2016
 Sampling Kit Required: YES Ship on: 01-APR-2016
 Sampling Kit Shipped: YES On: 30-MAR-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 11-APR-2016
 Received By:

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

Comments: DEAR NE ROC
 PROJECT: SMP

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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
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-SO ₄ -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: P-1L	Number of Bottles: 2	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 2	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: 2	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: 2	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 Group B (Water) With 3 Samples:

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 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: P-1L	Number of Bottles: 3	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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
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		

Log-in Checklist

RQ- 2016-04-11-06

Shipping Method: Fedex

Date/Time of Receipt: 4/14/16 9:10

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	1.2	12		✓			8099 4719 6067
Red	1.2	16		✓			8099 4719 6078

*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					

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

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

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

Coolers Unpacked/Checked by: ac Date: 4/14/16 NCRs (Y/N)? N

Event ID: NE-DIST-2016-04-14-01 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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: