

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: S. CLINGERMAN, A. SALMERON

Sampling Agency: FDEP

Location RQ-2016-02-15-44 Field Date: 02-16-2016 Time: 10:20 STOI		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2-16-16 Time 10:20		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
G1SW0001		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.1		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 17.3		pH 7.0		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 141			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.07		Comments					
Location RQ-2016-02-15-44 Field II Date: 02-16-2016 Time: 10:20 STORE		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2-16-16 Time 10:20		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Duplicate		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.1		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 17.3		pH 7.0		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 141			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.07		Comments					
Location RQ-2016-02-15-44 Field ID Date: 02-16-2016 Time: 12:45 STORE		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2-16-16 Time 12:45		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
G1SW0027		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.5		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 18.3		pH 7.6		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 253			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.12		Comments					
Location RQ-2016-02-15-44 Field ID Date: 02-16-2016 Time: 12:10 STORET		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2-16-16 Time 12:10		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
G1SW0028		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 15.2		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 18.5		pH 9.3		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 338			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.16		Comments					

Relinquished By: J. Ashton	Date/Time: 2-16-16 5:00	Shipping Method: RES LP	Received By: [Signature]	Date/Time: 2-17-16	Relinquished By:	Date/Time:	Received By:	Date/Time:
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0941

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	5
	W-PO4-F						

Request Number: RQ-2016-02-15-44

1463D, 1463R, 1502C, 1502A

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Nov 10, 2015

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Judy Ashton

Project ID: SMP

Collected By: S. CLINGMAN, A. SALMERON

Sampling Agency:

FSEA

Location	RQ-2016-02-15-44		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-16-16 Time 13:35	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Date: 02-16-2016 Time:	G1SW0010	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	5.9 mg/L 56 % sat	Total Res. Chlorine (mg/L)	A
STORE			Temp (C)	pH	Sample Depth	0.3	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.09	Comments		
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)	
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	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)	
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	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)	
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	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
J. Ashton	2-16-16 5:00	FSEA		02-17-16				

0941

Group: A Bottle Type: P-1L # of Bottles: 6 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: 6 Preservative: ICE Enter Number of Bottles Sent to Lab _____

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 6 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: 6 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

Date of Request: 28-JAN-2016
 Created By: ASHTON_J On: 28-JAN-2016
 Modified By: WATTS_J On: 29-JAN-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: 1463D,1463R,1502C,1502A

Send Coolers To:

Phone: 813-470-5951
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Matthew Bearden

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Stephen Clingerman

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 29-JAN-2016
 Biology Request Reviewed By: SWANSON_C On: 29-JAN-2016
 Sampling Kit Required: YES Ship on: 04-FEB-2016
 Sampling Kit Shipped: YES On: 03-FEB-2016
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 16-FEB-2016
 Received By: SHAIK_A On: 17-FEB-2016

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

Comments:**Bottle Group A (Water) With 6 Samples:**

Bottle Type: P-1L	Number of Bottles: 6	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: 6	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 6	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: 6	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: 6	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

Log-in Checklist

RQ- 2016-02-15-44

Shipping Method: Red Exp

Date/Time of Receipt: 02-17-16/9:41

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	1.9C	15		/			
Blue	1.0C	10		/			

*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: ADP

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

Coolers Unpacked/Checked by: ADP Date: 2-17-16 NCRs (Y/N)? ---

Event ID: 1463D, 1463R, 1502C, 1502A NCR # ---

SW-DIST-2016-02-17-01 (SMP)
Date Received: 17-FEB-2016 09:41

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:

Date: 02/16/16
 To: **FLORIDA DEP/CHEMISTRY SECTION**
 Address: **2600 BLAIRSTONE RD**
 City: **GALLAHASSEE** State: **FL** ZIP: **32399**
 Internal Billing Reference: **0121555852**

From: **SAMPLE RECEIVING** Phone: **850 245-8085**
 Hold Weekday: ☐ (FedEx location address REQUIRED. NOT available for FedEx First Overnight.)
 Hold Saturday: ☐ (FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.)
 Barcode: 
 8094 7802 5230

Date: 02/16/16
 To: **FLORIDA DEP/CHEMISTRY SECTION**
 Address: **2600 BLAIRSTONE RD**
 City: **GALLAHASSEE** State: **FL** ZIP: **32399**
 Internal Billing Reference: **0121555852**

From: **SAMPLE RECEIVING** Phone: **850 245-8085**
 Hold Weekday: ☐ (FedEx location address REQUIRED. NOT available for FedEx First Overnight.)
 Hold Saturday: ☐ (FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.)
 Barcode: 
 8094 7802 5229

Form ID No. **0215**
4 Express Package Service * To meet locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ **Saturday Delivery**
 NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ **No Signature Required**
 Package may be left without obtaining a signature for delivery.

☐ **Direct Signature**
 Someone at recipient's address may sign for delivery.

☐ **Indirect Signature**
 If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?
 One box must be checked.
☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required) ☐ Dry Ice, 9 UN 1845 _____ kg
 Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐
☐ Sender Acct. No. in Section I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
 Total Packages _____ Total Weight _____ lbs. Credit Card Auth. _____
 *Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

Form ID No. **0215**
4 Express Package Service * To meet locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

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Does this shipment contain dangerous goods?
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☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required) ☐ Dry Ice, 9 UN 1845 _____ kg
 Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐
☐ Sender Acct. No. in Section I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
 Total Packages _____ Total Weight _____ lbs. Credit Card Auth. _____
 *Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.