

Request Number: RQ-2016-05-16-29

1409C, 1440A

Florida Department of Environmental Protection Central Laboratory Submittal Form

1013
Page 4 of 2

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy AshtonCollected By: Judy Ashton, COTTE DMSampling Agency: FDEP

Location RQ-2016-05-16-29 2809100824615		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-16-16</u> Time <u>10:13</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID Date: 05-16-2016 Time: _____	Field ID: <u>G5SW0079</u>	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)		Diss. Oxygen <u>5.8</u> ☒ mg/L <u>85</u> ☒ % sat	Total Res. Chlorine (mg/L) _____	A
STOR		Temp (C) <u>28.1</u>	pH <u>7.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>40417</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>25.75</u>	Comments			
Location RQ-2016-05-16-29 280859708245532		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-16-16</u> Time <u>10:35</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID Date: 05-16-2016 Time: _____	Field ID: <u>G5SW0078</u>	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)		Diss. Oxygen <u>5.8</u> ☒ mg/L <u>85</u> ☒ % sat	Total Res. Chlorine (mg/L) _____	A
STORET		Temp (C) <u>28.4</u>	pH <u>7.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>38705</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>24.55</u>	Comments			
Location RQ-2016-05-16-29 28084578245354		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-16-16</u> Time <u>10:50</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID Date: 05-16-2016 Time: _____	Field ID: <u>G5SW0124</u>	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)		Diss. Oxygen <u>7.2</u> ☒ mg/L <u>108</u> ☒ % sat	Total Res. Chlorine (mg/L) _____	A
STORET #		Temp (C) <u>28.6</u>	pH <u>7.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>37763</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>23.87</u>	Comments			
Location RQ-2016-05-16-29 2808320824553		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-16-16</u> Time <u>11:10</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID Date: 05-16-2016 Time: _____	Field ID: <u>G5SW0125</u>	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)		Diss. Oxygen <u>7.8</u> ☒ mg/L <u>115</u> ☒ % sat	Total Res. Chlorine (mg/L) _____	A
STORET:		Temp (C) <u>28.6</u>	pH <u>7.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>37373</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>23.59</u>	Comments			

Relinquished By: Judy Ashton

Date/Time

5-16-16 5:00

Shipping Method

FED EX

Number of Coolers Shipped:

2 TOTALReceived By: MUB

Date/Time

5/17/16/10:32

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	ALKALINITY TURBIDITY W-F W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>6</u>
	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	<u>6</u>
	W-PO4-F						

Request Number: RQ-2016-05-16-29

1409C, 1440A

Florida Department of Environmental Protection Central Laboratory Submittal Form

3 of 3

Page 1 of 2

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By:

Judy Ashton

Collected By:

Judy Ashton, Carrie Orr

Sampling Agency:

FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5-16-16 Time 12:30 Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID RQ-2016-05-16-29 G5SW0061 Date: 05-16-2016 Time: Field ID: G5SW0061		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.1 116		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)	
STORET #		Temp (C) 28.1		pH 8.2		Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 33502	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 20.91		Comments			
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5-16-16 Time 12:50 Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID RQ-2016-05-16-29 24040150 Date: 05-16-2016 Time: Field ID: G5SW0029		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.9 112		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)	
STORET #		Temp (C) 28.3		pH 7.9		Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 29292	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 18.06		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time 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 Time 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	Number of Coolers Shipped:	Received By:	Date/Time
Judy Ashton	5-16-16	Fed Ex	2 TOPIC		

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

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: 25-APR-2016
 Created By: ASHTON_J On: 25-APR-2016
 Modified By: SWANSON_C On: 26-APR-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: 1409C, 1440A

Send Coolers To:

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

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 26-APR-2016
 Sampling Kit Required: YES Ship on: 06-MAY-2016
 Sampling Kit Shipped: YES On: 06-MAY-2016
 Sampling Kit Packed By: BOWDEN_M
 Preservatives Needed: NO
 Date to Receive Samples: 16-MAY-2016
 Received By:

Send Final Report To:

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

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-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: 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- 2016-05-16-29

Shipping Method: Fedex

Date/Time of Receipt: 5/17/16/10:32

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	0.5	13		✓			8092 3436 6851
Red	2.4	11		✓			8094 7802 6821

*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: MUB

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

Coolers Unpacked/Checked by: MUB Date: 5/17/16 NCRs (Y/N)? N

Event ID: SW-DIST-2016-05-17-01 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: