

Request Number: RQ-2016-04-11-41

Florida Department of Environmental Protection

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1423A, 1423B, 1409A, 1420, 1432A

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location RQ-2016-04-11-41 G5SW0102		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 10:00		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID Date: 04-14-2016 Time: _____ Field ID: G5SW0102		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 11.4 135		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L) _____		A	
STORET #		Temp (C) 23.9		pH 8.0		Sample Depth 0.3		Sp. Conductance (umho/cm) 720			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.4		Comments					
Location RQ-2016-04-11-41 G5SW0101		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 11:10		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID Date: 04-14-2016 Time: _____ Field ID: G5SW0101		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L) _____		A	
STORET #		Temp (C) 25.3		pH 7.3		Sample Depth 0.3		Sp. Conductance (umho/cm) 146			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.1		Comments					
Location RQ-2016-04-11-41 G5SW0100		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 11:00		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID Date: 04-14-2016 Time: _____ Field ID: G5SW0100		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.5 99		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L) _____		A	
STORET #		Temp (C) 24.9		pH 6.9		Sample Depth 0.3		Sp. Conductance (umho/cm) 146			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.1		Comments					
Location RQ-2016-04-11-41 G5SW0030		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 12:10		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID Date: 04-14-2016 Time: _____ Field ID: G5SW0030		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.8 81		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L) _____		A	
STORET #		Temp (C) 25.0		pH 7.2		Sample Depth 0.3		Sp. Conductance (umho/cm) 239			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.11		Comments					

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
J. Ashton	4-14-16 5:00	Fed Ex	C	4/15/16 9:29				

Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 7

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 7

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 7

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 7 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 7

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 7 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 7

W-PO4-F

Request Number: RQ-2016-04-11-41

Florida Department of Environmental Protection

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Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 13:20		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID RQ-2016 04-11-41 G5SW0104 Date: 04-14-2016 Time: Field ID: G5SW0104		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 0.5 mg/L 76 % sat		Total Res. Chlorine (mg/L)				A	
STORET #		Temp (C) 25.2		pH 5.9		Sample Depth 0.3 ft m		Sp. Conductance (umho/cm) 39			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.02		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 14:15		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID RQ-2016-04-11-41 G5SW0107 Date: 04-14-2016 Time: Field ID: G5SW0107		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.0 mg/L 68 % sat		Total Res. Chlorine (mg/L)				A	
STORET #		Temp (C) 25.4		pH 6.4		Sample Depth 0.3 ft m		Sp. Conductance (umho/cm) 92			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.04		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-14-16 Time 14:25		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID RQ-2016-04-11-41 G5SW0108 Date: 04-14-2016 Time: Field ID: G5SW0108		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.0 mg/L 94 % sat		Total Res. Chlorine (mg/L)				A	
STORET #		Temp (C) 26.4		pH 6.5		Sample Depth 0.3 ft m		Sp. Conductance (umho/cm) 94			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.04		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	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Judy Ashton	4-14-16 5:00	FKA Lp	CU	4/15/16 9:25				

Group: A	Bottle Type:	P-1L	# of Bottles: 7	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: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Date of Request: 24-MAR-2016
 Created By: ASHTON_J On: 24-MAR-2016
 Modified By: SWANSON_C On: 30-MAR-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: 1423A, 1423B, 1409A, 1420, 1432A

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-MAR-2016
 Biology Request Reviewed By: SWANSON_C On: 30-MAR-2016
 Sampling Kit Required: YES Ship on: 28-MAR-2016
 Sampling Kit Shipped: YES On: 01-APR-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 14-APR-2016
 Received By:

Send Final Report To:

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

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

Comments:**Bottle Group A (Water) With 7 Samples:**

Bottle Type: P-1L	Number of Bottles: 7	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: 7	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 7	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: 7	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: 7	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

Log-in Checklist

RQ- 2016-04-11-41

Shipping Method: Fedex

Date/Time of Receipt: 4/15/16 9:29

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	0.8	19		✓			8099 4719 4465
Red	2.1	18		✓			8099 4719 4432

*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: CL

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

Coolers Unpacked/Checked by: CL Date: 4/15/16 NCRs (Y/N)? ☒

Event ID: SW-DIST-2016-04-15-01 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: