

Request Number: RQ-2017-03-06-21

Florida Department of Environmental Protection

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SMP RUN 4

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: JUDY ASHTON, LAURIE BAKKER

Sampling Agency: FALP

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-8-17 Time 1010	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-03-06-21 Date: 03/08/17 Time:	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 0.81	Total Res. Chlorine (mg/L)	A
STORET #	PASADENA G5SW0119	Temp (C) 22.5	pH 8.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 430	
Latitude	☐ dms	Salinity (ppt) 0.21	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-8-17 Time 1005	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-03-06-21 Date: 03/08/17 Time:	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 0.81	Total Res. Chlorine (mg/L)	A
STORET #	Pasadena Duplicate G5SW0119	Temp (C) 22.5	pH 8.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 430	
Latitude	☐ dms	Salinity (ppt) 0.21	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 3-8-17 Time 1015	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-03-06-21 Date: 03/08/17 Time:	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine (mg/L)	A
STORET #	BLANK	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dms	Salinity (ppt)	Comments DI WATER			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-8-17 Time 1105	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-03-06-21 Date: 03/08/17 Time:	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.6	Total Res. Chlorine (mg/L)	A/B/D
STORET #	PP Ditch#5 G5SW0118	Temp (C) 21.2	pH 9.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 12	
Latitude	☐ dms	Salinity (ppt) 0.0	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped: 3	Received By: AJS	Date/Time 03-09-17 19:45
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Group: A Bottle Type: P-1L # of Bottles: 4 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: BP-1L # of Bottles: 4 Preservative: ICE Enter Number of Bottles Sent to Lab 5

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 4 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: 4 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 5

W-PO4-F

GROUP B W-SUC-AA-R B6-1L ICE # BOTTLES SENT 2
~~W-HERB-AA~~

GROUP B PCR-FILTER P-250ML ICE # BOTTLES SENT 4

GROUP C W-ICP P-500ML ICE, NITRIC # BOTTLES SENT 1
W-ICPMS

GROUP D SWD-AEL-EC P-120ML ICE # BOTTLES SENT 0

→ DROPPED AT 2 LAB

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: Judy Ashton, LARUE BACER

Sampling Agency: KNEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3-8-17 Time 1130		Eastern ☒ Central ☐ Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID RQ-2017-03-06-21 Date: 03/08/17		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.0		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET # Time: McKay Creek		Temp (C) 26.4		pH 7.4		Sample Depth 0.3		Sp. Conductance (umho/cm) 22800	
Latitude ☐ dd ☐ dms		Salinity (ppt) 13.9		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			
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: Judy Ashton	Date/Time: 3-8-17 1520	Shipping Method: KNEP Ex	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time: 03-09-17/1945
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Group: A Bottle Type: P-1L # of Bottles: 4 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: BP-1L # of Bottles: 4 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 4 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: 4 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

GROUP B W-SUC-AA-R BG-1L ICE # BOTTLES SENT _____

~~W-NH3~~ W-UHERB-AA

GROUP B PCR-FILTER P-250ML ICE # BOTTLES SENT _____

GROUP C W-ICP P-500ML ICE, NITRIC # BOTTLES SENT _____

W-ICPMS

GROUP D SWD-AEL-EC P-120ML ICE # BOTTLES SENT 0

→ DROPPED AT 2 LAB

Date of Request: 06-FEB-2017
 Created By: ASHTON_J On: 06-FEB-2017
 Modified By: MATTHEWS_D On: 22-FEB-2017
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: SMP RUN 4

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 16-FEB-2017
 Biology Request Reviewed By: MATTHEWS_D On: 22-FEB-2017
 Sampling Kit Required: YES Ship on: 24-FEB-2017
 Sampling Kit Shipped: YES On: 24-FEB-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 08-MAR-2017
 Received By: SHAIK_A On: 09-MAR-2017

Send Final Report To:

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

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

Comments: 4 - cases of Sulfuric acid.

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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: BP-1L	Number of Bottles: 4	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: 4	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: 4	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- 2017-03-06-21

Shipping Method: Feed Ex

Date/Time of Receipt: 3/7/17 @ ORU

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	-0.3	9		X			8104 1402 6548
Blue	0.8	11		0			8111 7111 9315
Red	0.5	6		0			8111 7111 9290

*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 X No

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No X If yes, is it intact? Yes No

****Caps on tight?** Yes X No ****Containers intact?** Yes X No

****Sufficient Sample Volume:** Yes X 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 X No NA Init: JF

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

Coolers Unpacked/Checked by: JF Date: 3/7/17 NCRs (Y/N)?

Event ID: SMP RUN 4 NCR #

SW-DIST-2017-03-09-01 (SMP)
Date Received: 09-MAR-2017 09:45

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: