

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S. Clingerman / J. Ashton

Field Report Prepared By: S. Clingerman

Sampling Agency: FDEP - SWBOL ZIFLTPA

Location PASADENA LAKE		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1030	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____	Field ID: G5SW0119 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 9.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET Date: 02/02/2017 Time: _____	Field ID: G5SW0119 Barcode:	Temp (C) 17.8	pH 7.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 399	
Latitude STORET: _____	Field ID: G5SW0119 Barcode:	☐ dd ☐ dms Salinity (ppt) 0.19	Comments			
Location Pinellas Park Ditch #5		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1110	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____	Field ID: G5SW0118 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 3.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET Date: 02/02/2017 Time: _____	Field ID: G5SW0118 Barcode:	Temp (C) 17.8	pH 7.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 1156	
Latitude STORET: _____	Field ID: G5SW0118 Barcode:	☐ dd ☐ dms Salinity (ppt) 0.58	Comments			
Location McKay Creek		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1200	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____	Field ID: G5SW0126 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 7.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B
STORET Date: 02/02/2017 Time: _____	Field ID: G5SW0126 Barcode:	Temp (C) 17.5	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 599	
Latitude STORET: _____	Field ID: G5SW0126 Barcode:	☐ dd ☐ dms Salinity (ppt) 0.29	Comments			
Location Klosterman Run		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time _____	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____	Field ID: G5SW0039 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET Date: 02/02/2017 Time: _____	Field ID: G5SW0039 Barcode:	Temp (C)	pH	Sample Depth 0.3	Sp. Conductance (umho/cm)	
Latitude STORET: _____	Field ID: G5SW0039 Barcode:	☐ dd ☐ dms Salinity (ppt)	Comments			

Relinquished By:	Date/Time: 02/02/2017 1800	Shipping Method: FEDEX	Number of Coolers Shipped: _____	Received By:	Date/Time: 02-03-17 10:13
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F						

Group: B	Bottle Type:	P-500ML		Preservative: ICE And HNO ₃			<u>1</u>
	W-ICPMS						
	W-ICP						

Date of Request: 11-JAN-2017
 Created By: ASHTON_J On: 11-JAN-2017
 Modified By: MATTHEWS_D On: 12-JAN-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: 11-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 12-JAN-2017
 Sampling Kit Required: YES Ship on: 31-JAN-2017
 Sampling Kit Shipped: YES On: 30-JAN-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 02-FEB-2017
 Received By: SHAIK_A On: 03-FEB-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:

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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: 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: 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: 3	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 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
W-ICP	Template: DEFAULT	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Aluminum
 Antimony
 Arsenic

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3
 W-ICP Template: DEFAULT (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Barium
 Beryllium
 Boron
 Cadmium
 Calcium
 Chromium
 Cobalt
 Copper
 Iron
 Lead
 Magnesium
 Manganese
 Molybdenum
 Nickel
 Potassium
 Selenium
 Silver
 Sodium
 Strontium
 Thallium
 Tin
 Titanium
 Vanadium
 Zinc

W-ICPMS Template: DEFAULT (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Antimony
 Arsenic
 Barium
 Beryllium
 Cadmium
 Chromium
 Cobalt
 Copper
 Lead
 Manganese
 Molybdenum
 Nickel
 Selenium
 Silver
 Thallium

Bottle Group C (Water) With 3 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 6 Preserved With: ICE
 PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Type: BG-1L Number of Bottles: 3 Preserved With: ICE
 W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

RQ- 2017-01-30-39

Date/Time of Receipt: 02-03-17/10:13

***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.**

****Chain of Custody/ Field Sheet(s) Included?** Yes ☒ No ☐

****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 _____

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

**Acid Preserved Samples: pH $\leq$ 2.0? Yes ☒ No ☐ NA ☐ Init:

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

Coolers Unpacked/Checked by: [Signature] Date: 02-3-11 NCRs (Y/N)? Y

Event ID: SMP RUN 4
SW-DIST-2017-02-03-01 (SMP)
Date Received: 03-FEB-2017 10:13

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: