

SMP RUN 8

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S. Geringer

Project ID: SMP

Collected By: S. Geringer/J. Ashton

Sampling Agency: ZILTPA Swpol-DEP

Location <u>KLOSTERMAN DAM RUN - INNS BROOK</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>02/09/2017</u> Time <u>0950</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2017-02-06-29 Date: 02/09/17 Time: _____ ↓STORET Field ID ↑ <u>G1SW0039</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>9.2</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STOR KLOSTERMAN	Temp (C) <u>22.2</u>	pH <u>7.5</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>181</u>	
Latitude <u>G1SW0039</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.08</u>	Comments		
Location <u>CHAPMAN LAKE</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>02/09/2017</u> Time <u>1155</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-06-29 Date: 02/09/17 Time: _____ ↓STORET Field ID ↑ <u>G1SW0028</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>8.4</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STOR CHAPMAN	Temp (C) <u>21.8</u>	pH <u>7.3</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>367</u>	
Latitude <u>G1SW0028</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.18</u>	Comments		
Location <u>LAKE ESTES</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>02/09/2017</u> Time <u>1220</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-06-29 Date: 02/09/17 Time: _____ ↓STORET Field ID ↑ <u>G1SW0027</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>7.3</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STOR LAKE ESTES	Temp (C) <u>22.2</u>	pH <u>6.973</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>242</u>	
Latitude <u>G1SW0027</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments		
Location <u>ROCK LAKE</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>02/09/2017</u> Time <u>1310</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-06-29 Date: 02/09/17 Time: _____ ↓STORET Field ID ↑ <u>G1SW0010</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>7.8</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STOR ROCK	Temp (C) <u>22.0</u>	pH <u>6.7</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>196</u>	
Latitude <u>G1SW0010</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.09</u>	Comments		

Relinquished By: <u>[Signature]</u>	Date/Time <u>02/09/2017 1800</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>[Signature]</u>	Date/Time <u>2-10-17/10-00</u>
-------------------------------------	-------------------------------------	---------------------------------	--	---------------------------------	-----------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</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: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>6</u>
	W-PO4-F						

SMP RUN 8

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S. Clinger

Project ID: SMP

Collected By: S. Clinger/J. Ashton

Sampling Agency: ZIFLTPA SWROC - FDEP

Location HIAWATHA LAKE		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/09/2017 Time 1400	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field RQ-2017-02-06-29 Date: 02/09/17 Time: _____	G1SW0017 ↓STORE# Field ID ↑ 61500017	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.8 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
ST	La	Temp (C) 21.0	pH 6.3	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 127	
		☐ dd ☐ dms	Salinity (ppt) 0.06	Comments		
Location LAKE JUANITA		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/09/2017 Time 1430	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field RQ-2017-02-06-29 Date: 02/09/17 Time: _____	G1SW0019 ↓STORE# Field ID ↑ 61500019	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.6 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STOI	La	Temp (C) 22.0	pH 6.5	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 133	
		☐ dd ☐ dms	Salinity (ppt) 0.06	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 02/09/2017 1800	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time 2-10-17/10-00
------------------	-------------------------------------	---------------------------------	--	--------------	-----------------------------------

Group: A Bottle Type: P-1L # of Bottles: 5 Preservative: ICE Enter Number of Bottles Sent to Lab 6

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

Group: A Bottle Type: BP-1L # of Bottles: 5 Preservative: ICE Enter Number of Bottles Sent to Lab 6

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 5 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 6

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

Group: A Bottle Type: P-125ML # of Bottles: 5 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 6

W-PO4-F

Date of Request: 11-JAN-2017
 Created By: ASHTON_J On: 11-JAN-2017
 Modified By: MATTHEWS_D On: 18-JAN-2017
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: SMP RUN 8

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: 17-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 18-JAN-2017
 Sampling Kit Required: YES Ship on: 06-FEB-2017
 Sampling Kit Shipped: YES On: 06-FEB-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 09-FEB-2017
 Received By: SHAIK_A On: 10-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 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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: 5	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: 5	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: 5	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- 2017-02-06-19

Shipping Method: FEDEX

Date/Time of Receipt: 2-10-17 11:00

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	1.7C	12		—			8104 1405759
Red	2.1C	12		—			8111 7114 9988
						</	

*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			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 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: Date: 2-10-17 NCRs (Y/N)?

Event ID: SMP RUN 8 NCR #

Date Received: 10-FEB-2017 10:00

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: