

RUN 9

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S. CLINGERMAN

Project ID: SMP

Collected By: S. CLINGERMAN / J. ASHTON

Sampling Agency: 21FLTPA

Location <u>LAKE HIAWATHA</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/27/2016</u> Time <u>1025</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2016-09-26-07 Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0017</u> 2404005	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>5.9</u> <u>76</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
STORET Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0017</u> 2404005	Temp (C) <u>28.8</u>	pH <u>5.5</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>123</u>	
Latitude Time: _____	STORET Time: _____	☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments		
Location <u>LAKE DEAD LADY</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/27/2016</u> Time <u>1100</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-09-26-07 Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0021</u> 2404005	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>2.9</u> <u>35</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
STORET Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0021</u> 2404005	Temp (C) <u>26.9</u>	pH <u>5.4</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>136</u>	
Latitude Time: _____	STORET Time: _____	☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments		
Location <u>LAKE ANN (PARKER)</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/27/2016</u> Time <u>1140</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-09-26-07 Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0018</u> 2404005	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>6.9</u> <u>90</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
STORET Date: 09/27/2016 Time: _____	Field ID: <u>G1SW0018</u> 2404005	Temp (C) <u>29.1</u>	pH <u>5.8</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>147</u>	
Latitude Time: _____	STORET Time: _____	☐ dd ☐ dms	Salinity (ppt) <u>0.07</u>	Comments		
Location <u>ANCLOTE RIVER (FW)</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/27/2016</u> Time <u>1225</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-09-26-07 Date: 09/27/2016 Time: _____	Field ID: <u>G5SW0110</u> 2404007	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>6.3</u> <u>74</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
STORET Date: 09/27/2016 Time: _____	Field ID: <u>G5SW0110</u> 2404007	Temp (C) <u>23.6</u>	pH <u>6.3</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>117</u>	
Latitude Time: _____	STORET Time: _____	☐ dd ☐ dms	Salinity (ppt) <u>0.05</u>	Comments		

Relinquished By: <u>Stacy [Signature]</u>	Date/Time <u>09/27/2016 1800</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>WUB</u>	Date/Time <u>9/28/16/10:21</u>
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Group: A Bottle Type: P-1L # of Bottles: 5 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: BP-1L # of Bottles: 5 Preservative: ICE Enter Number of Bottles Sent to Lab 7

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 5 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: 5 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 7

W-PO4-F

RUN 9

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S. CLINGERMAN

Project ID: SMP

Collected By: S. CLINGERMAN / J. ASHTON

Sampling Agency: 21FLTPA

Location <u>ANCLOTE RIVER @ STARKEY</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1255 09-27-16</u> Time <u>1255</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <u>A</u>
Field ID RQ-2016-09-26-07 STORET # Date: 09/27/2016 Time: _____	Field ID <u>G5SW0109</u> <u>G5SW0109</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>6.1</u> <u>72</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) _____	
Latitude _____	_____	Temp (C) <u>23.6</u>	pH <u>6.1</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>103</u>	
Salinity (ppt) <u>0.05</u>		Comments				
Location <u>LAKE ANN (PARKER) DUPLICATE*</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09-27-2016</u> Time <u>1145</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>A</u>
Field ID RQ-2016-09-26-07 STORET # Date: 09/27/2016 Time: _____	Field ID <u>DUPLICATE</u> <u>991 AKI 5005</u>	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
Latitude _____	_____	Temp (C) _____	pH _____	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) _____	
Salinity (ppt) _____		Comments				
Location <u>BLANK</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09-27-16</u> Time <u>0830</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>A</u>
Field ID RQ-2016-09-26-07 STORET # Date: 09/27/2016 Time: _____	Field ID <u>BLANK</u> <u>BLANK</u>	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
Latitude _____	_____	Temp (C) _____	pH _____	Sample Depth _____	Sp. Conductance (umho/cm) _____	
Salinity (ppt) _____		Comments				
Location _____		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>A</u>
Field ID RQ-2016-09-26-07 STORET # Date: 09/27/2016 Time: _____	Field ID _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
Latitude _____	_____	Temp (C) _____	pH _____	Sample Depth _____	Sp. Conductance (umho/cm) _____	
Salinity (ppt) _____		Comments				

Relinquished By: <u>[Signature]</u>	Date/Time <u>09/27/2016 1800</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>MJB</u>	Date/Time <u>9/28/16/10:21</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>7</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>7</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>7</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>7</u>
	W-PO4-F						

Date of Request: 23-AUG-2016
 Created By: ASHTON_J On: 23-AUG-2016
 Modified By: MATTHEWS_D On: 31-AUG-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: RUN 9

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: 30-AUG-2016
 Biology Request Reviewed By: MATTHEWS_D On: 31-AUG-2016
 Sampling Kit Required: YES Ship on: 19-SEP-2016
 Sampling Kit Shipped: YES On: 19-SEP-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 27-SEP-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 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 CaCO3/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-SO4-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 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: 5	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- 2016-09-26-07

Shipping Method: Fedex

Date/Time of Receipt: 9/28/16/10:21

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	0.3	13		✓			8104 1261 7124
Red	0.1	15		✓			8104 1261 7113

*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: MLB

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

Coolers Unpacked/Checked by: MLB Date: 9/28/16 NCRs (Y/N)? N

Event ID: SLW-DIST-2016-09-28-01 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: