

Request Number: RQ-2016-11-07-48

Anclote, Hiawatha, Green

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy AshtonCollected By: J. Ashton, S. GammetermanSampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>11-7-16</u> Time <u>11:55</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID		RQ-2016-11-07-48 Date: 11/7/16 Time: _____		G5SW0101 Field ID STORE 1		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.7</u> ☒ mg/L <u>104</u> ☒ % sat		Total Res. Chlorine (mg/L) _____	
STORET #		Moon Lake L		Temp (C) <u>24.2</u>		pH <u>7.3</u>		Sample Depth <u>0.3</u> ☐ ft ☒ m		Sp. Conductance (umho/cm) <u>138</u>	
Latitude		☐ dd ☐ dms		Salinity (ppt) <u>0.00</u>		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: J. Ashton

Date/Time

11-7-16

Shipping Method

Number of Coolers Shipped:

Received By: Q/R

Date/Time

11/8/16 10:15

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

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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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 _____
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W-PO4-F

Request Number: RQ-2016-11-07-48

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last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: J. Ashton, STEPHEN CLARKSON

Sampling Agency: FSEP

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-7-16</u> Time <u>10:15</u> <u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2016-11-07-48 Date: 11/7/16 Time: STORE: Bear Creek @ Beacon	 G5SW0102 Field ID STORE:1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>3.8</u> ☒ mg/L <u>43</u> ☒ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C) <u>21.6</u> pH <u>6.9</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>901</u>	
☐ dms		Salinity (ppt) <u>0.44</u>	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-7-16</u> Time <u>10:25</u> <u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-11-07-48 Date: 11/7/16 Time: STORE: Bear Creek @ Beacon DUPLICATE	 G5SW0102 Field ID STORE:1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>3.8</u> ☒ mg/L <u>43</u> ☒ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C) <u>21.6</u> pH <u>6.9</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>901</u>	
☐ dms		Salinity (ppt) <u>0.44</u>	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-7-16</u> Time <u>10:30</u> <u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-11-07-48 Date: 11/7/16 Time: STORE: FIELD BLANK	 BLANK Field ID STORE:1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C)	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dms		Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-7-16</u> Time <u>11:45</u> <u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2016-11-07-48 Date: 11/7/16 Time: STORE: Moon Lake W	 G5SW0100 Field ID STORE:1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>8.4</u> ☒ mg/L <u>100</u> ☒ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C) <u>24.1</u> pH <u>6.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>138</u>	
☐ dms		Salinity (ppt) <u>0.06</u>	Comments		

Relinquished By: <u>Judy Ashton</u>	Date/Time: <u>11-7-16 16:00</u>	Shipping Method: <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>JR</u>	Date/Time: <u>11/7/16, 10:15</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
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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	5
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CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
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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	5
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W-PO4-F

Date of Request: 19-OCT-2016
 Created By: ASHTON_J On: 19-OCT-2016
 Modified By: MATTHEWS_D On: 21-OCT-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: RUN 6

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: 21-OCT-2016
 Biology Request Reviewed By: MATTHEWS_D On: 21-OCT-2016
 Sampling Kit Required: YES Ship on: 07-NOV-2016
 Sampling Kit Shipped: YES On: 07-NOV-2016
 Sampling Kit Packed By: BOWDEN_M
 Preservatives Needed: NO
 Date to Receive Samples: 08-NOV-2016
 Received By: SHAIK_A On: 08-NOV-2016

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

RQ-2016-11-07-48

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 11/8/16, 10:15

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	2.0°C	20					8103 9283 9042 8103 9283 9806

*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: ABJ

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

Coolers Unpacked/Checked by: QJR Date: 11/8/16

NCRs (Y/N)?

Event ID: RUN 6
SW-DIST-2016-11-08-01 (SMP)

NCR #

Date Received: 08-NOV-2016 10:15

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: