

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Juan AshtonCollected By: J. Ashton, L. BAZZLERSampling Agency: FDEP

Location		☒ Comp ☐ Grab	Collection (comp begin or grab) Date <u>3/13/17</u> Time <u>1000</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
Field ID	RQ-2017-03-13-20 Date: 03/13/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>8.5</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>A, B</u>
STORE	Gilley Creek G2SW0024	Temp (C) <u>19.5</u>	pH <u>7.0</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>207</u>		
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.10</u>	Comments					
Location		☒ Comp ☐ Grab	Collection (comp begin or grab) Date <u>3/13/17</u> Time <u>1100</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID	RQ-2017-03-13-20 Date: 03/13/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.0</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>A, B</u>
STORE	Gap Creek G2SW0030	Temp (C) <u>21.0</u>	pH <u>7.11</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>861</u>		
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.42</u>	Comments					
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/13/17</u> Time <u>1130</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID	RQ-2017-03-13-20 Date: 03/13/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.9</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>A, B</u>
STORE	Wares Creek Fresh G2SW0031	Temp (C) <u>21.0</u>	pH <u>7.5</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>681</u>		
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.33</u>	Comments					
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/13/17</u> Time <u>1322</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID	RQ-2017-03-13-20 Date: 03/13/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>8.4</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>A⁽¹⁵⁾ B</u>
STORE	Little Manatee R G2SW0023	Temp (C) <u>20.2</u>	pH <u>8.0</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>219</u>		
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.13</u>	Comments					

Relinquished By: <u>J. Ashton</u>	Date/Time: <u>3-13-17 1700</u>	Shipping Method: <u>FED EX</u>	Number of Coolers Shipped: <u>3</u>	Received By: <u>[Signature]</u>	Date/Time: <u>3-14-17/1947</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	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	<u>4</u>
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>5 10 10</u>
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0 Dropped off at AEL</u>
	SWD-AEL-EC						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
	W-SUC-AA-R W-UHERB-AA						

Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: _____

Project ID: SMP

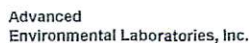
Collected By: _____

Sampling Agency: _____

Location RQ-2017-03-13-20 Date: 03/13/17 Time: STORET # Rice Creek Field ID G2SW0032 ↓ STORET Field ID ↑ 62SW0032		☒ Comp ☐ Grab	Collection (comp begin or grab) Date 2/13/17 Time 1515	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 22.2	pH 7.5	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 148
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) 0.07		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		
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 _____	Shipping Method _____	Number of Coolers Shipped: _____	Received By: <u>ASB</u>	Date/Time 3-14-17/9:47
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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	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-SUC-AA-R					
	W-UHERB-AA					



6601 Southpoint Pkwy., Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
9610 Princess Palm Ave., Tampa, FL 33619 • 813.630.9618 • Fax 813.630.4327 • E84599
2108 NW 67th Place, Ste. 7 • Gainesville, FL 32608 • 352.367.1500 • Fax 352.367.0050 • E82620
528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1504 • Fax 407.937.1597 • E53076

LAB NUMBER:

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[illegible]

revised 1/12



Advanced
Environmental Laboratories, Inc.

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LAB NUMBER:

Page

2

of

2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		PROJECT LOCATION: Florida		A R													
Temple Terrace, FL 33637						N E													
PHONE: 813-470-5700		FAX: 813-470-5995				A Q													
CONTACT: Matthew Bearden Sarah-Ernst		SAMPLED BY:				L U													
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:				Y I													
STANDARD		RUSH		PO E84589		S R													
						I E													
						S D													
Samples are ambient water and not suspected to contain chlorine																			
WW=waste water SW=surface water GW=ground water DW=drinking water O=oil A=air SO=soil SL=sludge																			
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T					
						DATE		TIME											
RQ-2017-03-13-20		G2SW0023		Grab		3/13/17		1322		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:																			
Little Manatee R.		G2SW0023		Grab						SW									
RQ-2017-03-13-2048		G1SW0056		Grab		3/13/17		1430		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:																			
Simms Branch		G1SW0056		Grab						SW									
RQ-2017-03-13-20		G2SW0032		Grab		3/13/17		1515		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:																			
Rice Creek		G2SW0032		Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									
H=HCl S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)		Method		Sample Kit		Cooler #													
Shipment		Via:		RB		D/T													
Out:		Via:		AB		D/T													
Ret:		Via:		Trip BL															
Relinquish by:		Date		Time		Received by:		Date		Time									
1		Laure Baker		3/13/17															
2																			
3																			
4																			

Received on 1c

☐ Yes ☐ No

QC ☐ sent

☐ received

revised 1/12

Date of Request: 15-FEB-2017
 Created By: ASHTON_J On: 15-FEB-2017
 Modified By: MATTHEWS_D On: 28-FEB-2017
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: SMP RUN 15

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: 23-FEB-2017
 Biology Request Reviewed By: MATTHEWS_D On: 28-FEB-2017
 Sampling Kit Required: YES Ship on: 02-MAR-2017
 Sampling Kit Shipped: YES On: 28-FEB-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 14-MAR-2017
 Received By: SHAIK_A On: 14-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:

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 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: 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 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: 4	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

Bottle Group B (Water) With 4 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 8	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 4	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE

Bottle Group B (Water) With 4 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	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.

Log-in Checklist

RQ- 2017-03-13-20

Shipping Method: FEDEX

Date/Time of Receipt: 03-14-17/9:47

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	1.8C	11		/			8104 12612979
Red	2.2C	9		//			" 4 2990
Red	1.1C	11		/			" 4 3004

*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: ATB

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

Coolers Unpacked/Checked by: ATB **Date:** 3-14-17 **NCRs (Y/N)?** Y

Event ID: SMP RUN 15 **NCR #** _____

SW-DIST-2017-03-14-01 (SMP)

Date Received: 14-MAR-2017 09:47

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: