

From: [Ashton, Judy](#)
To: [Watts, John](#); [Paswater, Benjamin](#)
Cc: [Bearden, Matthew](#); [Warren, Kalina](#); [Bowden, Magan](#); [Lin, Liang](#); [Musson, Curtis](#)
Subject: RE: SW-DIST-2019-03-08-01
Date: Tuesday, April 2, 2019 8:14:18 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)

John,

The label for Sandbag Ditch @ 45th should be G1SW0094, not G1SW0093. We have corrected our label template accordingly.

Thanks and sorry for the mistake.

(Also have notified AEL).

judy

Judy Ashton

Environmental Specialist III

Florida Dept. of Environmental Protection

Division of Environmental Assessment & Restoration

Southwest Regional Operating Center

813-470-5772

From: Watts, John

Sent: Tuesday, April 02, 2019 8:04 AM

To: Ashton, Judy <Judy.Ashton@dep.state.fl.us>; Paswater, Benjamin <Benjamin.Paswater@dep.state.fl.us>

Cc: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Lin, Liang <Liang.Lin@dep.state.fl.us>; Musson, Curtis <Curtis.Musson@dep.state.fl.us>

Subject: FW: SW-DIST-2019-03-08-01

Is one of these a duplicate?

Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 3-7-19	Time 8:50	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID/WIN	G1SW0093	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN/		Temp (C)	13.48	pH	7.02	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	271	
Latitude	Site Name: Biggest flowing Ditch @ 45th	☐ dd ☐ dms	Salinity (ppt)	0.32	Comments: ENTERED ACROSS DITCH AEL						
Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 3-7-19	Time 9:00	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID	G1SW0093	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN/STC		Temp (C)	20.04	pH	6.84	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	17747	
Latitude	Site Name: Sandbag Ditch @ 45th	☐ dd ☐ dms	Salinity (ppt)	10.43	Comments: ENTERED ACROSS DITCH AEL						
Relinquished By:		Date/Time	Shipping Method	Number of Coolers Shipped:		Received By:		Date/Time			
Judy Ashton		3-7-19 1700	res 4x	2		[Signature]		03-08-19/10			

 Advanced Environmental Laboratories, Inc.		☐ Gaines ☐ Jackson ☐ Tallahassee ☒ Tampa		
Client Name: FDEP SW Dist.		Project Name: SMP		
Address: 13051 N. Telocem Pkwy, Temple Terrace FL 33637		P.O. Number: B370AE		
Phone: 813-470-5770		Project Address:		
Contact: Judy Ashton 813-470-5772		Special Instructions:		
Sampled By:		RQ-2019-03-04-19		
Turn Around Time: ☒ STANDARD ☐ RUSH				
Page: of		☐ ADAPT ☐ EQuis ☐ Other		
SAMPLE ID	SAMPLE DESCRIPTION	DATE	TIME	MATRIX
Field ID/WIN G1SW0093 	Site Name: Biggest flowing Ditch @ 45th	3-7-19	850	SW
Field ID/WIN G1SW0093 	Site Name: Sandbag Ditch @ 45th	3-7-19	900	SW

John Watts
 FDEP Laboratories
 Environmental Administrator
 245-8077

From: Lin, Liang <Liang.Lin@dep.state.fl.us>

Sent: Monday, April 1, 2019 5:25 PM

To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>; White, Ramsey <Ramsey.White@dep.state.fl.us>

Subject: SW-DIST-2019-03-08-01

Receiving staff, There are 2 samples with the same field ID, G1SW0093. The one below is G1SW0093 according to fieldsheet. Please check. Thanks, Liang

Page 2 of 30

Sample Location: SANDBAG DITCH @ 45TH

Collection Date/Time: 03/07/2019 09:00

Field ID: G1SW0094

Matrix: W-SURF

Log-in Checklist

RQ- 2019-03-04-19

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/08/2019 / 10:20

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
2-1C			15		X			
1-8C			19		X			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No Date 3-8-19

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No X If yes, is it intact? Yes No

****Caps on tight?** Yes X No ****Containers intact?** Yes X No

****Sufficient Sample Volume:** Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No Init: **ABS**

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-E8321-DI, -MS, -21		<u> </u>	W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

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

****Acid Preserved Samples: pH ≤ 2.0?** Yes X No NA Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** Date: 03/08/2019 NCRs (Y/N)?

Event ID: Rice, Sims, Wolf, Mckay drainage NCR #
SW-DIST-2019-03-08-01 (SMP)

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

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

Request Number: RQ-2019-03-04-19

Rice, Sims, Wolf, Mckay drainage

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1145	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID/WIN	G2SW0032	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN		Temp (C) 16.36	pH 7.57	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 224
Site Name:	Rice @ Balm Rvview	☐ dd ☐ dms		Salinity (ppt)	Comments E. COLI DROPPED OUT 2 AEL	
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1120	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID/WIN	G2SW0096	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.26	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN		Temp (C) 16.05	pH 7.51	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 216
Site Name:	Rice Creek@Oak Forest Dr	☐ dd ☐ dms		Salinity (ppt)	Comments E. COLI DROPPED 2 AEL	
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID/WIN	G1SW0056	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Site Name:	Sims Branch @ Port Redwing	☐ dd ☐ dms		Salinity (ppt)	Comments NO BACTERIA	
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-7-19 Time 1020	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID/WIN	G1SW0092	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 1.05	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN		Temp (C) 19.42	pH 7.46	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 27841
Site Name:	Wolf Branch Canal @ Manns Harbor Drive Boatlift	☐ dd ☐ dms		Salinity (ppt) 27841	Comments ENTERO DROPPED OUT 2 AEL	

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Judy Ashton

3-7-19 1700

Fed Ex

2

Judy Ashton

03-08-19/1020

Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: P-250ML-WI-THI SWD-AEL-EC	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS W-BR-IC	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
Group: C	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	5

Request Number: RQ-2019-03-04-19

Rice, Sims, Wolf, McKay drainage

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-7-19 Time 1025	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 4)
Field ID:  G1SW0092_DUP Location: Wolf Branch Canal @ Manns Harbor Boatlift	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.85	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN ID:  G1SW0092	Temp (C) 19.42	pH 7.46	Sample Depth 0.3	Sp. Conductance (umho/cm) 27841	
Latit ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments ENTERO DROPPED OFF 2 ALL			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-7-19 Time 10:00	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID:  FB 03072019 LOCATION: Field	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/ST	Temp (C) D.	pH I.	Sample Depth	Sp. Conductance (umho/cm)	
Latitude ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments NO BACTERIA			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-7-19 Time 850	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID/WIN:  G1SW0093 Site Name: Biggest flowing Ditch @ 45th	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.78	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/	Temp (C) 13.48	pH 7.02	Sample Depth 0.3	Sp. Conductance (umho/cm) 271	
Latitude ☐ dms	Salinity (ppt) 0.32	Comments ENTERO DROPPED OFF 2 ALL			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-7-19 Time 9:00	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID/WIN:  G1SW0093 Site Name: Sandbag Ditch @ 45th	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.45	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/STC	Temp (C) 20.04	pH 6.84	Sample Depth 0.3	Sp. Conductance (umho/cm) 17747	
Latitude ☐ dms	Salinity (ppt) 10.43	Comments ENTERO DROPPED OFF 2 ALL			

Relinquished By: 	Date/Time: 3-7-19 1700	Shipping Method: 	Number of Coolers Shipped: 2	Received By: 	Date/Time: 03-08-19/1020
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Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: P-250ML-WI-THI SWD-AEL-EC	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____

4 of 4

Page 3 of 3

Group: C	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
CHLSUITE-W					
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
PCR-FILTER					
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
SWD-AEL-EN					
Group: C	Bottle Type: BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
W-E8321-DI					
W-E8321-MS					
Group: C	Bottle Type: P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: C	Bottle Type: P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	5
W-PO4-F					



Environmental Laboratory, Inc.
 6881 Southpoint Pkwy. • Jacksonville, FL 32218 • 804.363.9350 • Fax 804.363.9354
 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.8274 • Fax 850.219.8275
 8610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.8616 • Fax 813.630.4327

Client Name: FDEP SW Dist

Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637

Phone: 813-470-5770

Contact: Judy Ashton 813-470-5772

Sampled By:

Turn Around Time: ☒ STANDARD ☐ RUSH

Page: of

SAMPLE ID **SAMPLE DESCRIPTION**

Field IDWIN G2SW0032

Site Name: Rice @ Balm Rvview

Field IDWIN

G2SW0096

Site Name: Rice Creek@Oak Forest Dr

Field IDWIN

G1SW0092

Site Name: Wolf Branch Canal @ Manns Harbor Drive Boatlift

Field ID:

G1SW0092_DUP

Location: Wolf Branch Canal @ Manns Harbor Boatlift

WIN ID:

G1SW0092

Project Name: SMP

P.O. Number: B370AE

Project Address:

Special Instructions:
 RQ-2019-03-04-19

Analysis Required

E. COLI

ENTERO

LABORATORY I.D. #

DATE	TIME	MATRIX	NO. COUNT	SERIES	BOTTLE SIZE & TYPE	ANALYSIS	RESULTS	LABORATORY I.D. #
3/7/19	1145		1		1ct			
3/7/19	1126		1		1ct			
3-7-19	1020	SW	1					
3-7-19	1025	SW	1					

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on Ice: ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank

DCN: AD-051 Form last revised 04/30/2015

Relinquished by:

Date: Time

Received by:

Date: Time

Device used for measuring Temp by unique identifier (circle IR temp gun used)

Temperature when received

(in degrees Celsius)

Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

FOR DRINKING WATER USE:

PWS ID:



Gainesville: 4665 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6839
Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 804.363.9350 • Fax 904.383.8354
Tallahassee: 2839 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.218.8274 • Fax 850.218.8275
Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9618 • Fax 813.630.4337

Client Name:			FDEP SW Dist	Project Name:			SMP	[X] IMPDET: 9610 Princess Palm Ave., Tampa, FL 33618 • 813.630.6616 • Fax 813.630.4327			
Address: 13061 N. Tolnecom Pkwy., Temple Terrace FL 33637			P.O. Number:			B370AE			BOTTLE SIZE & TYPE		
Phone: 813-470-5770			Project Address:								
Contact: Judy Ashton 813-470-5772			Special Instructions:								
Turn Around Time: [X] STANDARD [] RUSH			RQ-2019-03-04-19								
Page: of			☐ ADAPT ☐ EQUIS ☐ Other								
SAMPLE ID	SAMPLE DESCRIPTION	Camp	DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRE SER- VATION	Analysis Required	LABORATORY I.D. #		
Field IDWIN G1SW0093  Site Name: Biggest flowing Ditch @ 45th Field IDWIN G1SW0093  Site Name: Sandbag Ditch @ 45th											
			3-7-19	8:50	SM	1		ENTERO			
			3-7-19	9:00	SM	1		ICE			
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)											
Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked _____ Temperature when received _____ (In degrees celsius)											
DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique Identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V											
Relinquished by: _____ Date _____ Received by: _____ Date _____ PWS ID: _____ FOR DRINKING WATER USE: _____											

Date of Request: 31-JAN-2019
 Created By: ASHTON_J On: 31-JAN-2019
 Modified By: JASROTIA_P On: 12-FEB-2019
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Rice, Sims, Wolf, Mckay drainage

Send Coolers To:

Phone: 813-470-5772
 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: 12-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 12-FEB-2019
 Sampling Kit Required: YES Ship on: 22-FEB-2019
 Sampling Kit Shipped: YES On: 15-FEB-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 04-MAR-2019
 Received By: SHAIK_A On: 08-MAR-2019

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: Group A: E.coli, Tracers & Markers w/Dup & Blank
 Group B: Freshwater Nutrients w/Dup&Blank
 Group C: Marine Nutrients, Entero, Tracers & Markers

Bottle Group A (Water) With 4 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: P-250ML-WI-THI	Number of Bottles: 4	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group B (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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin 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

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
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: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group C (Water) With 3 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 3	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SWD-AEL-EN	Template: DEFAULT	(SM 9230 C) Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for SWD
Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 3	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

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

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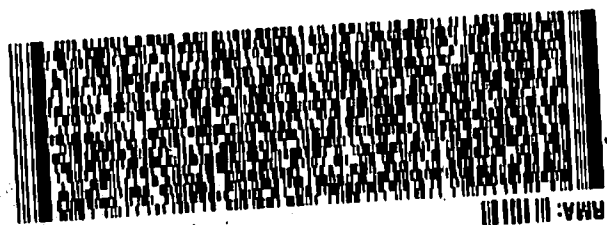
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FL-US
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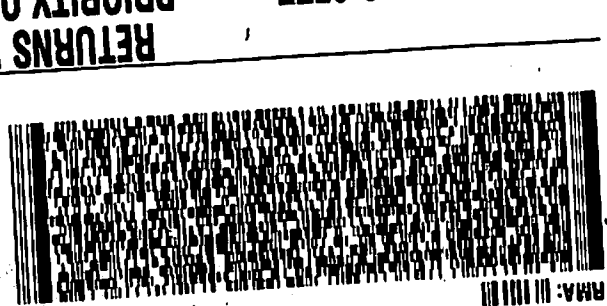
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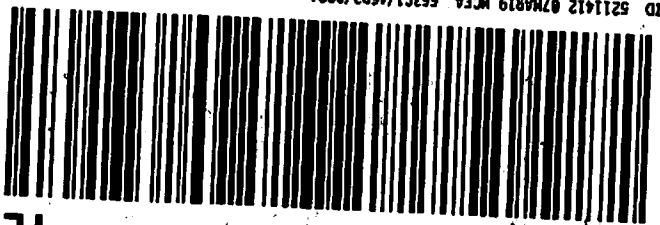


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