

RQ- 2018-05-21-06

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 06/01/2018 / 10:25

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	2-3C	13		X			
Red	1.9C	8		X			

*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 X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes _____ No _____ Date 6-1-18

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		

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

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

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

Coolers Unpacked/Checked by: **ABS** Date: 06/01/2018 NCRs (Y/N)? _____

Event ID: WOLF SIMS McKay Rice
SW-DIST-2018-06-01-01 (SMP)
 Date Received: 01-JUN-2018 10:25

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

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

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: _____

WOLF SIMS McKay Rice

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Judy Ashton

Project ID: SMP

Collected By:

J. Ashton, B. Paswater

Sampling Agency:

FELS

Location	Field ID/WIN	G1SW0093	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field			☒ Grab	Date 5-31-18	Time 0940	Central	Date
WIN/ST	Site Name:	Biggest Flowing Ditch @ 45th	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	(See pg 2)
Latitude			Temp (C) 25.13	pH 6.74	☐ % sat	(mg/L)	
			Salinity (ppt) 14.86	Sample Depth 0.3	☒ m	Sp. Conductance (umho/cm) 24633	A/C/D
			☐ dd	Comments	ENTERED DROPPED OFF 2 A/C		
			☐ dms				
Location	Field ID/WIN	G1SW0094	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☒ Grab	Date 5-31-18	Time 0945	Central	Date
WIN/ST	Site Name:	Sandbag Ditch @ 45th	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	
Latitude			Temp (C) 24.28	pH 7.28	☐ % sat	(mg/L)	C/D
			Salinity (ppt) 0.28	Sample Depth 0.3	☒ m	Sp. Conductance (umho/cm) 584	
			☐ dd	Comments	ENTERED DROPPED OFF 2 A/C		
			☐ dms				
Location	Field ID/WIN	G1SW0056	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☒ Grab	Date 5-31-18	Time 1025	Central	Date
WIN/ST	Site Name:	Sims Branch @ Port Redwing	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	
Latitude			Temp (C) 20.29	pH 7.92	☐ % sat	(mg/L)	A/C
			Salinity (ppt) 26.71	Sample Depth 0.3	☒ m	Sp. Conductance (umho/cm) 41777	
			☐ dd	Comments	ENTERED DROPPED OFF 2 A/C		
			☐ dms				
Location	Field ID/WIN	G1SW0092	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☒ Grab	Date 5-31-18	Time 1110	Central	Date
WIN/ST	Site Name:	Wolf Branch Canal	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	
Latitude			Temp (C) 27.07	pH 7.74	☐ % sat	(mg/L)	A/C/D
			Salinity (ppt) 17.14	Sample Depth 0.3	☒ m	Sp. Conductance (umho/cm) 28064	
			☐ dd	Comments	ENTERED DROPPED OFF 2 A/C		
			☐ dms				

Relinquished By:

J. Ashton

Date/Time

5-31-18 1700

Shipping Method

FED EX

Number of Coolers Shipped:

2

Received By:

JTB

Date/Time

06-01-18/10:25

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-F W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
				H2SO4 LOT# SA7275010 Exp: 10/02/2018		
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EN					
Group: D	Bottle Type:	QPCR-P-500ML	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: D	Bottle Type:	BG-500ML	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					

Group E 120mc
E. coli - IBQT

HSent to Lab

1

Request Number: RQ-2018-05-21-06

WOLF SIMS McKay Rice

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By:

Collected By:

Sampling Agency:

Location	Field ID/WIN	G2SW0032	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-31-18 Time 1140	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.27	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC	Site Name: Rice Creek @ Balm Rvrvview		Temp (C) 25.07	pH 8.20	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 229
Latitude	☐ dd ☐ dms		Salinity (ppt) 0.11	Comments			
Location	Field ID	WIN/STORET #	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Longitude	☐ dd ☐ dms			
Location	Field ID	WIN/STORET #	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Longitude	☐ dd ☐ dms			
Location	Field ID	WIN/STORET #	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Longitude	☐ dd ☐ dms			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

06-01-18 / 10:45

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EN					
Group: D	Bottle Type:	QPCR-P-500ML	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: D	Bottle Type:	BG-500ML	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					



Advanced
Environmental Laboratories, Inc.

☐ **Gainesville:** 4985 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ **Tampa:** 9810 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	ENTED					LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions:									
Sampled By:		RQ-2018-05-21-26									
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: / of /		☐ ADAPT ☐ EQUIS ☐ Other									
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	PRE SER. VATI ON				
Field ID/WIN	G1SW0093 		5-31-18	0940	SW	1					
Site Name:	Biggest Flowing Ditch @ 45th										
Field ID/WIN	G1SW0094 		5-31-18	0945	SW	1					
Site Name:	Sandbag Ditch @ 45th										
Field ID/WIN	G1SW0056 		5-31-18	1025	SW	1					
Site Name:	Sims Branch @ Port Redwing										
Field ID/WIN	G1SW0092 		5-31-18	1110	SW	1					
Site Name:	Wolf Branch Canal										

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 celcius)

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:		Time:		Received by:		Date:		Time:	
J. Ashton		5/31/18		1240		J. Ashton		5/31/18		1240	

PWS ID: _____

FOR DRINKING WATER USE:

Date of Request: 16-JAN-2018
 Created By: PASWATER_B On: 16-JAN-2018
 Modified By: SWANSON_C On: 01-MAY-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: WOLF SIMS Mckay Rice

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 27-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 01-MAY-2018
 Sampling Kit Required: YES Ship on: 11-MAY-2018
 Sampling Kit Shipped: YES On: 07-MAY-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 21-MAY-2018
 Received By: SHAIK_A On: 01-JUN-2018

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: WOLF SIMS Mckay Rice

Bottle Group A (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 CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity 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
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 Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles: 2	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 Group C (Water) With 5 Samples:

Bottle Type:	Number of Bottles: 5	Preserved With: ICE
SWD-AEL-EN	Template: DEFAULT	(SM 9230 C) Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for SWD

Bottle Group D (Water) With 7 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 7	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group D (Water) With 7 Samples:

Bottle Type: BG-500ML Number of Bottles: 7 Preserved With: ICE

W-E8321-DI Template: (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

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

Bottle Group D

E. COLI - 18QT

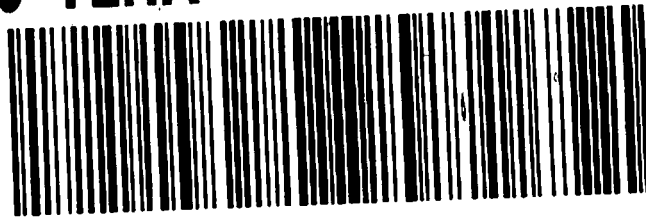
DEFINING MON-FRI

FedEx
TRK# 0221 7907 7428 7635

FRI - 01 JUN 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



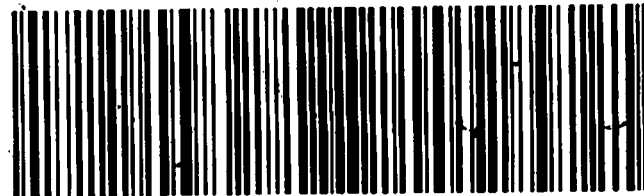
FID 981491 31MAY18 MCFA 546C2/782B/8C8A

FedEx
TRK# 0221 4385 5028 9404

FRI - 01 JUN 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



FID 981491 31MAY18 MCFA 546C2/782B/8C8A