

RQ- 2018-09-10-14

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 09/19/2018 / 09:50

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)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>0-8C</u>			<u>10</u>		<u>X</u>			
<u>1-2C</u>			<u>12</u>					

* 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 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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No Date 9-19-18

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 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 X Init: ABS

Coolers Unpacked/Checked by: ABS Date: 09/19/2018 NCRs (Y/N)?

Event ID: English, Turkey, Poley, Mustang
SU-DIST-2018-09-19-01 (SMP) 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 #	2305 15 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	7226 EXP:20/20/07

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-2018-09-10-14

Florida Department of Environmental Protection Central Laboratory Submittal Form

English, Turkey, Poley, Mustang

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0006		☒ Grab	Date 9/18/2018 Time 10:40	Central	Date Time	
Field	WIN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.02 mg/L	Total Res. Chlorine (mg/L)	B
Site Name: English Creek above SR 60				75.3 % sat		
Latit		Temp (C) 26.7	pH 7.42	Sample Depth 0.3	Sp. Conductance (umho/cm) 303.4	
		☐ dd	Salinity (ppt) 0.14	Comments: E. COLI DROPPED OFF 2 AEL		
		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID/WIN G2SW0048		☒ Grab	Date 9/18/2018 Time 11:00	Central	Date Time	
Field	WIN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.54 mg/L	Total Res. Chlorine (mg/L)	B
Site Name: English Creek @ Old Mulberry Rd						
Latit		Temp (C) 27.0	pH 7.46	Sample Depth 0.2	Sp. Conductance (umho/cm) 300.9	
		☐ dd	Salinity (ppt) 0.14	Comments: E. COLI DROPPED OFF 2 AEL		
		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID/WIN G2SW0049		☒ Grab	Date 9/18/2018 Time 11:25	Central	Date Time	
Field	WIN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.02 mg/L	Total Res. Chlorine (mg/L)	B
Site Name: Poley Creek @ SR 60				76.2 % sat		
Latit		Temp (C) 27.4	pH 7.37	Sample Depth 0.3	Sp. Conductance (umho/cm) 236.7	
		☐ dd	Salinity (ppt) 0.11	Comments: E. COLI DROPPED OFF 2 AEL		
		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID/WIN G2SW0014		☒ Grab	Date 9/18/2018 Time 11:50	Central	Date Time	
Field	WIN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.80 mg/L	Total Res. Chlorine (mg/L)	B
Site Name: Poley @ Shepard Rd				73.2 % sat		
Latit		Temp (C) 27.3	pH 7.30	Sample Depth 0.3	Sp. Conductance (umho/cm) 236.5	
		☐ dd	Salinity (ppt) 0.11	Comments: E. COLI DROPPED OFF 2 AEL		
		☐ dms				

Relinquished By: Sarah Meyer	Date/Time: 09/18/2018 16:30	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: ABP	Date/Time: 9-19-18/9:50
------------------------------	-----------------------------	------------------------	------------------------------	------------------	-------------------------

Group	Bottle Type	# of Bottles	Preservative	Enter Number of Bottles Sent to Lab
A	P-1L	3	ICE	1
	ALKALINITY			
	TURBIDITY			
	W-CL-IC			
	W-COLOR			
	W-F			
	W-SO4-IC			
	W-TDS			
	W-TSS			
A	BP-1L	3	ICE	1
	CHLSUITE-W			
A	P-500ML	3	ICE And H2SO4	1
	W-NH3			
	W-NO2NO3			
	W-S-A-TP			
	W-TKN			
	W-TOC			
A	P-125ML	3	FILTER-ICE	1
	W-PO4-F			
B	QPCR-P-500ML	8	ICE	8
	PCR-FILTER			
B	P-120ML-WC-THI	8	ICE	8
	SWD-AEL-EC			
	DROPPED OUT @ AEL			
B	BG-500ML	8	ICE	8
	W-E8321-DI			
	W-E8321-MS			

Request Number: RQ-2018-09-10-14

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0025		☒ Grab	Date 9/18/2018	Time 0920	Central	Date	Time	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.33	☒ mg/L	Total Res. Chlorine		
Site Name: Turkey Creek @ Sydney Rd.		Temp (C) 26.6		pH 6.66	☒ % sat	(mg/L)		
☐ dms		☐ dd		Salinity (ppt) 0.09	Comments: E. COLI DROPPED OUT 2 AEL			
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0051		☒ Grab	Date 9/18/2018	Time 940	Central	Date	Time	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.21	☒ mg/L	Total Res. Chlorine		
Site Name: Turkey Creek @ SR 60		Temp (C) 26.0		pH 7.28	☒ % sat	(mg/L)		
☐ dms		☐ dd		Salinity (ppt) 0.13	Comments: E. COLI DROPPED OUT 2 AEL			
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0026		☒ Grab	Date 9/18/2018	Time 1000	Central	Date	Time	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.20	☒ mg/L	Total Res. Chlorine		
Site Name: Mustang Ranch Creek @ Hopewell		Temp (C) 26.5		pH 6.95	☒ % sat	(mg/L)		
☐ dms		☐ dd		Salinity (ppt) 0.08	Comments: E. COLI DROPPED OUT 2 AEL			
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0050		☒ Grab	Date 9/18/2018	Time 1015	Central	Date	Time	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.20	☒ mg/L	Total Res. Chlorine		
Site Name: Mustang Rch @ CR 39		Temp (C) 26.2		pH 7.11	☒ % sat	(mg/L)		
☐ dms		☐ dd		Salinity (ppt) 0.09	Comments: E. COLI DROPPED OUT 2 AEL			

Relinquished By:

Date/Time 1630

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Sarah Meyer

9/18/2018

FedEx

2

ABP

09-19-18/19:50

Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 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:	QPCR-P-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					

Request Number: RQ-2018-09-10-14

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 9/18/2018 Time 1305		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID/WIN		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
WIN		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Site Name: Field Blank_09/18/18		☐ dd ☐ dms		Salinity (ppt)		Comments					
Latitude		Longitude		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)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		Longitude		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)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		Longitude		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)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		Longitude		Salinity (ppt)		Comments					

Relinquished By: Sarah Meyer	Date/Time: 09/18/2018 1630	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: AEG	Date/Time: 9-18-18 19:50
------------------------------	----------------------------	------------------------	------------------------------	------------------	--------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 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:	QPCR-P-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					



Advanced
Environmental Laboratories, Inc.

Gainesville: 4965 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: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9816 • Fax 813.630.4327

Client Name: EDEP SW Dist.		Project Name: SMP								
Address: 13051 N. Telecom Pkwy, Temple Terrace FL 33637		P.O. Number: B370AE								
Phone: 813-470-5770		Project Address:								
Contact: Judy Ashton 813-470-5772		Special Instructions:								
Turn Around Time: ☒ STANDARD ☐ RUSH		RQ-2018-09-10-14								
Page: 1 of 2		☐ ADAPT ☐ EQUIS ☐ Other								
SAMPLE ID	SAMPLE DESCRIPTION	Grab Sample	DATE	TIME	MATRIX	NO. COUNT	RES. VATI	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. #
Field IDWIN	G2SW0025	9/18/18	9:20	6N	1	1	1	E. COLI		
Site Name: Turkey Creek @ Sydney Rd.										
Field IDWIN	G2SW0051	9/18/18	9:40	"	1	1	1			
Site Name: Turkey Creek @ SR 60										
Field IDWIN	G2SW0026	9/18/18	10:00	"	1	1	1			
Site Name: Mustang Ranch Creek @ Hopewell										
Field IDWIN	G2SW0050	9/18/18	10:15	"	1	1	1			
Site Name: Mustang Rch @ CR 39										
Field IDWIN	G2SW0006	9/18/18	10:40	"	1	1	1			
Site Name: English Creek above SR 60										
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										
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										
PWS ID: FOR DRINKING WATER USE:										



Advanced
Environmental Laboratories, Inc.

Gainesville: 4865 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: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9816 • Fax 813.630.4327

Client Name:		FDEP SW Dist		Project Name:		SMP	
Address: 13051 N. Telecom 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:					
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		Analysis Required		E. COLI	
Page: 2 of 2		☐ ADAPT ☐ EQUIS ☐ Other					
SAMPLE ID	SAMPLE DESCRIPTION	Grab	SAMPLING DATE	TIME	MATRIX	NO. COUNT	LABORATORY I.D. #
Field IDWIN	G2SW0048		9/18/18	1100	SW	1	
Site Name: English Creek @ Old Mulberry Rd							
Field IDWIN	G2SW0049		9/18/18	1125	SW	1	
Site Name: Poley Creek @ SR 60							
Field IDWIN	G2SW0014		9/18/18	1150	SW	1	
Site Name: Poley @ Shepard Rd							

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

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

Where required, pH checked

TEMPERATURE WHEN RECEIVED (in degrees celsius)

FOR DRINKING WATER USE:

PWS ID:

Date of Request: 09-JUN-2018
 Created By: SUNDERMA_S On: 09-JUN-2018
 Modified By: SWANSON_C On: 24-AUG-2018
 Customer: AMBIENT
 Project: STATUS
 Division:
 District:
 Sampling Event: Z4SL1809 SW-ROC Week 2 Status Small Lakes + 2 blanks

Send Coolers To:

Phone: 813-625-2297
 DEP Southwest District
 13051 N. Telecom Parkway, Suite 101
 Temple Terrace, FL 33637
 Attn: Matthew Bearden

Send Final Report To:

FL Dept. of Environmental Protection
 2600 Blair Stone Rd.
 Tallahassee, FL 32399-2400
 Attn: Liz Miller

Program Module Number:
 Priority: 4
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 22-AUG-2018
 Biology Request Reviewed By: SWANSON_C On: 24-AUG-2018
 Sampling Kit Required: YES Ship on: 07-SEP-2018
 Sampling Kit Shipped: YES On: 06-SEP-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 17-SEP-2018
 Received By: SHAIK_A On: 19-SEP-2018

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

Comments: Please include 1 extra cooler and 4 extra ziploc bags for returning paperwork.

Please log Bottle Group C as a separate event.

Bottle Group A = surface water grab samples
 Bottle Group B = field blanks
 Bottle Group C = sediment grab samples

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	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-COND	Template: DEFAULT	(EPA 120.1) Specific Conductivity in aqueous matrices (umhos/cm at 25 deg C).
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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 8	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 8	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO₃
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Aluminum		

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Manganese		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Antimony		
Arsenic		
Beryllium		
Cadmium		
Chromium		
Copper		
Lead		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 8	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 Group B (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-COND	Template: DEFAULT	(EPA 120.1) Specific Conductivity in aqueous matrices (umhos/cm at 25 deg C).
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 using a maximum of 250 mL of sample
Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Aluminum		
Barium		
Calcium		
Iron		
Magnesium		
Manganese		
Potassium		
Sodium		

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Antimony		
Arsenic		
Beryllium		
Cadmium		
Chromium		
Copper		
Lead		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 2	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 Group C (Soil/Sediment/Waste) With 8 Samples:

Bottle Type: GJ-500ML	Number of Bottles: 8	Preserved With: ICE
S-HG-TDA	Template: DEFAULT	(EPA 7473) Mercury in solid samples using thermal decomposition, amalgamation and AA spectroscopy, reported as dry weight.
Mercury		
S-ICPMS-TO	Template:	(EPA 6020A Total Metals) Total metals in solid samples using acid digestion and ICP-MS (AMBIENT)
Antimony		
Arsenic		
Cadmium		
Copper		
Lead		
Molybdenum		
Nickel		
Selenium		
Silver		
S-ICP-TO	Template:	(EPA 6010C Total Metals) Total metals in solid samples using acid digestion and ICP emission spectroscopy (AMBIENT)
Aluminum		
Beryllium		
Chromium		
Iron		
Manganese		
Zinc		
S-TKN	Template: DEFAULT	(In-house (based on EPA 351.2)) Total Kjeldahl Nitrogen in solid matrices
S-TOC	Template: DEFAULT	(DEP SOP: NU-076-1) Percent Carbon in solid matrices
S-TP	Template: DEFAULT	(In-house (based on EPA 365.4)) Total Phosphorus in solid matrices

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

ORIGIN ID: TLHA (813) 632-7600
JUDY ASHTON
FL DEP SOUTHWEST DISTRICT
13051 NORTH TELECOM PARKWAY

TEMPLE TERRACE, FL 33637
UNITED STATES US

SHIP DATE: 22AUG18
ACTWGT: 5.00 LB MAN
CAD: 0446970/CAFE3210

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

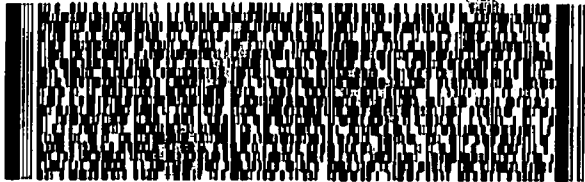
TALLAHASSEE FL 32399

(850) 246-8077

REF:

DEPT:

RMA: 11111111



FedEx
Express



FedEx

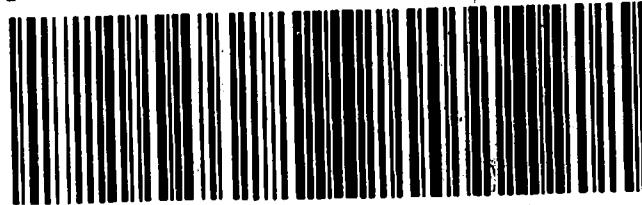
TRK#
0221

4385 5032 7751

WED - 19 SEP 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



FID 981491 18SEP18 MCFA 553C1/F78C/8C8A

TEMPLE TERRACE (813) 470-5951
JIMMY BEARDEN
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

TEMPLE TERRACE, FL 336370926
UNITED STATES US

SHIP DATE: 21AUG18
ACTWGT: 15.00 LB MAN
CAD: 0446870/CAFE3210

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

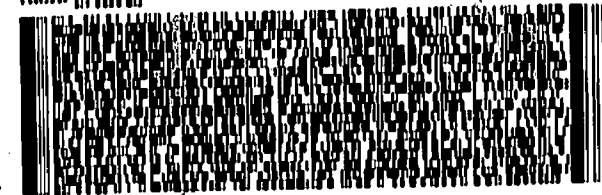
TALLAHASSEE FL 32399

(850) 246-8077

REF:

DEPT:

RMA: 11111111



FedEx
Express



FedEx

TRK#
0221

4385 5032 6799

RETURNS MON-FRI
WED - 19 SEP 10:30A T
PRIORITY OVERNIGHT

36 TLHA



FID 981491 18SEP18 MCFA 553C1/F78C/8C8A

32399
FL-US
TLH