

RQ- 2018-06-11.29

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS (HD) Greyhound | _____Date/Time of Receipt: 6/12/18 | 12:50

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	
Reel	1.5	5		✓			

*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 _____

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 REQUIRED? (Blue dot on container) Yes _____ No _____ Init: _____

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			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 $\leq$ 2.0? Yes ☒ No _____ NA _____ Init: [Signature]

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

Coolers Unpacked/Checked by: [Signature]

Date: 6/12/18

NCRs (Y/N)? N

Event ID: SMP LVIS
WAS-SECT-2018-06-13-01 (SMP)
Date Received: 12-JUN-2018 12:50

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_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	033117L EXP:03/21

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 _____ 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: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

SMP LVIs

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Blake Spencer + Curtis MussonSampling Agency: FOEP

Location		WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID		G1WA0041		☒ Grab	Date	Time	Central	Date	Time	
Upper Dianne Lake Middle				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
WIN/STORET #				Fresh			☒ % sat	(mg/L)		
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
30.59986		☐ dms	-84.23778	☐ dms			☒ m			
Location		WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID		G1WA0040		☒ Grab	Date	Time	Central	Date	Time	
Lower Dianne Lake Middle				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		A
WIN/STORET #				Fresh			☒ % sat	(mg/L)		
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
30.59355		☐ dms	-84.23534	☐ dms	29.04	8.25	0.3	☒ m	91	
Location		WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)		☐ Eastern	Composite end		Bottle Group(s)
Field ID				☐ Grab	Date	Time	Central	Date	Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
							☐ % sat	(mg/L)		
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
		☐ dms		☐ dms			☐ m			
Location		WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)		☐ Eastern	Composite end		Bottle Group(s)
Field ID				☐ Grab	Date	Time	Central	Date	Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
							☐ % sat	(mg/L)		
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
		☐ dms		☐ dms			☐ m			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>Blake Spencer</u>	6/12/18 1248 pm	Hand Delivered		<u>[Signature]</u>	6/12/18 1250

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-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	/
	W-NH3				Lot # 5A7341020 Exp. 12/7/18		
	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				Filter Lot # 10827054		

Date of Request: 14-MAY-2018
 Created By: MUSSON_C On: 14-MAY-2018
 Modified By: SWANSON_C On: 24-MAY-2018
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: SMP LVIs

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Curtis Musson

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 23-MAY-2018
 Biology Request Reviewed By: SWANSON_C On: 24-MAY-2018
 Sampling Kit Required: YES Ship on: 14-JUN-2018
 Sampling Kit Shipped: YES On: 04-JUN-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: YES
 Date to Receive Samples: 13-JUN-2018
 Received By:

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Curtis Musson

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

Comments: Group A: Freshwater Kit, E.coli

- 1- case of sulfuric acid
- 2 - sets of sulfuric acid labels

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 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:	Number of Bottles: 3	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: 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
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-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packing Worksheet for Request: RQ-2018-06-11-29

SMP LVIs

Ship Cooler On: 6/14/2018

Customer/Project: WAS-SECT/SMP

Assigned To: REAVES_S

Requester: Curtis Musson

Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return
packing list with
sample submittal
forms.

Comments:

Group A: Freshwater Kit, E.coli

1- case of sulfuric acid

2 - sets of sulfuric acid labels

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI

Qty: 3 Preservation: ICE

Lot # L18006

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SK

Number of Coolers: 1

Date: 6-4-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☐ FedEx Bills, if applicable
- ☒ Plastic Bags/~~Zip Ties~~
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID Sulfuric Acid
ID _____
ID _____
ID _____
ID _____

Exp 4-11-19
Exp _____
Exp _____
Exp _____
Exp _____

Lot # SA.8101020
Lot # _____
Lot # _____
Lot # _____
Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-06-11-29

Sample 1999905 is IN.
Location: REF-4-2-2.

The container you seek may have more than one sample label.
The IDs below have a strong possibility of being on that container.
Sample 1999905, (with test(s): ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS), is IN.

Sample 1999909 is IN.
Location: REF-4-3-4.

The container you seek may have more than one sample label.
The IDs below have a strong possibility of being on that container.
Sample 1999909, (with test(s): W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC), is IN.

Sample 1999913 is IN.
Location: REF-1-1-1.

The container you seek may have more than one sample label.
The IDs below have a strong possibility of being on that container.
Sample 1999913, (with test(s): W-PO4-F), is IN.

Sample 1999917 is IN.
Location: BIOLOGY.

Sample 1999921 is IN.
Location: BIOLOGY.

New Sample 7 Di



1999998

TLH-2018-06-13-07-01
BIOLOGY Matrix: W-SURF-FRH
Collected: 12-JUN-2018 09:30
Site : Lower Dianne Lake Middle
Fld ID: G1WA0040
ECOLI-18QT



1999995

TLH-2018-06-13-05-01
BIOLOGY Matrix: W-SURF-FRH
Collected: 12-JUN-2018 09:30
Site : Lower Dianne Lake Middle
Fld ID: G1WA0040
CHLSUITE-W



1999988

TLH-2018-06-13-03-01
REF-4-2-2 Matrix: W-SURF-FRH
Collected: 12-JUN-2018 09:30
Site : Lower Dianne Lake Middle
Fld ID: G1WA0040
ALKALINITY, TURBIDITY, W-CL-IC, W-COLOR, W-F,
W-SO4-IC, W-TDS, W-TSS



1999989

TLH-2018-06-13-03-02
REF-4-3-4 Matrix: W-SURF-FRH
Collected: 12-JUN-2018 09:30
Site : Lower Dianne Lake Middle
Fld ID: G1WA0040
W-NH3, W-NO2NO3, W-S-A-TP, W-TKN, W-TOC



1999990

TLH-2018-06-13-03-03
REF-1-1-1 Matrix: W-SURF-FRH
Collected: 12-JUN-2018 09:30
Site : Lower Dianne Lake Middle
Fld ID: G1WA0040
W-P04-F