Login Checklist

RQ- 2021-04-19-73 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 4/ 22 /21 @ 9:33

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
2.4				8		✓			9293 8009 4573

COOLER CHECK

***All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.**

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** _____
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** _____

Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes _____ No ✓

CONTAINER CHECK

Evidence Tape on Bottles? Yes ____ No ____ NA ✓ Evidence Tape intact? Yes ____ No ____

If Criminal, photographs taken? Yes ____ No ____ Containers intact? Yes ✓ No ____

Caps on tight? Yes ✓ No ____

Sufficient Sample Volume: Yes ✓ No ____

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? *(Blue dot on container)* Yes ✓ No _____ Init: KK

Chlorine detected? *(One container checked per Field ID)* Yes _____ No ✓ Init: KK

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH< 2.0? Yes____No____ NA ✓ Init: KK

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes____No____ NA ✓ Init: KK

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: KK **Date:** 4/ 22 /21 **Event contains NCRs (Y/N)?** N

Event ID: bmap tribs NE-DIST-2021-04-22-03 (SMP) Date Received: 22-APR-2021 09:33

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#213116BV Exp:5-15-21
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

Additional Comments:

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ Init:_____

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_____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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-2021-04-19-73

bmap tribs

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Brian Davis

Collected By: K. McDonald, B. Davis

Field Report Prepared By: K. McDonald

Sampling Agency: FDEP NEROC

Location: Little Fishweir @ Mac Arthur	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/21/21 Time 0935	Eastern / Central	Composite end Date — Time —	Bottle Group(s) (See pg 2): A						
Field ID: LFW2	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 5.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L): —					
WIN/STORET #:	Temp (C): 20.5	pH: 7.42		Sample Depth: 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm): 428.9					
Latitude: 30.30231 ☒ dd ☐ dms	Longitude: -81.71719 ☒ dd ☐ dms	Salinity (ppt): 0.21	Comments:								
Location: Stormwater effluent @ Randall	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/21/21 Time 1010	Eastern / Central	Composite end Date — Time —	Bottle Group(s): A						
Field ID: LFW5	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 6.75	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L): —					
WIN/STORET #:	Temp (C): 20.9	pH: 7.4		Sample Depth: 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm): 480.1					
Latitude: 30.302943 ☒ dd ☐ dms	Longitude: -81.717751 ☒ dd ☐ dms	Salinity (ppt): 0.23	Comments:								
Location: Upstream of Randall	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/21/21 Time* 10:30 KK	Eastern / Central	Composite end Date — Time —	Bottle Group(s): A						
Field ID: LFW6	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 2.58	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L): —					
WIN/STORET #:	Temp (C): 28.8	pH: 7.14		Sample Depth: 0.12	☐ ft ☒ m	Sp. Conductance (umho/cm): 394.4					
Latitude: 30.303090 ☒ dd ☐ dms	Longitude: -81.177970 ☒ dd ☐ dms	Salinity (ppt): 0.19	Comments:								
Location: Rensselaer + Randall manhole	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/21/21 Time 1110	Eastern / Central	Composite end Date — Time —	Bottle Group(s): A						
Field ID: LFW7	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 7.73	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L): —					
WIN/STORET #:	Temp (C): 21.8	pH: 7.48		Sample Depth: 0.10	☐ ft ☒ m	Sp. Conductance (umho/cm): 540					
Latitude: 30.303350 ☒ dd ☐ dms	Longitude: .715924 -81.~~7110~~ km ☒ dd ☐ dms	Salinity (ppt): 0.26	Comments:								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Kelly McDonald	4/21/21 1600	FedEx	1	KK	4.22.21/0933

* Collection time taken from bottle

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: Stitc L RQ- 2021-04-19-73 Project: LFV SourceTracking

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 2/15/21

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Brian Davis	4/21/21	735	22.6	760.9	8.7	/	100.1	/	1.02	(P) F	(L) F
ICV			738	22.8	760.8	8.6	8.58	99.9	/	1.02	(P) F	(L) F
CCV			1540	24.5	758.9	8.3	8.24	98.9	/	1.02	(P) F	(L) F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Brian Davis	4/21/21	740	201222B	1/22	1000	1000	(P) F	(L) F
ICV			742	201222A	1/22	100	103.3	(P) F	(L) F
CCV			1543	200902C	9/21	1413	1407	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Brian Davis	4/21/21	746	2010F27	10/22	7.01	23.3	7.01	-20.1	(P) F	(L) F
Calibr.			749	2010C31	9/22	4.00	23.2	4.00	157.0	(P) F	(L) F
Calibr.			752	2012797	5/22	10.02	23.3	10.02	-192.2	(P) F	(L) F
ICV			754	2010F27	10/22	7.01	23.3	7.05	-20.7	(P) F	(L) F
CCV			1545	2012797	5/22	10.02	23.2	10.02	-192.2	(P) F	(L) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded. slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)
If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____
If NO, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	Brian Davis	4/21/21	755	0.00	0.00	(P) F	(L) F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Form effective August 1, 2018

Group: A | Bottle Type: QPCR-P-500ML | # of Bottles: 4 | Preservative: ICE | Enter Number of Bottles Sent to Lab 4

PCR-DG3
PCR-HF183

Group: A | Bottle Type: BG-500ML | # of Bottles: 4 | Preservative: ICE | Enter Number of Bottles Sent to Lab 4

W-E8321-DI
W-E8321-MS

RQ-2021-04-19-73

Printed: 4/22/2021 10:55:55 AM

Date of Request: 20-APR-2021
Created By: DAVIS_B On: 20-APR-2021
Modified By: JASROTIA_P On: 21-APR-2021
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Event Description: bmap tribs

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish
Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 21-APR-2021
Biology Request Reviewed By: JASROTIA_P On: 21-APR-2021
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 20-APR-2021
Logged In By:

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish
Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A: Source Track for Tracers and qPCR

Bottle Group A (Water) With 4 Samples:

Bottle Type: QPCR-P-500ML Number of Bottles: 4 Preserved With: ICE

PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

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

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