

RQ-2020-08-24-27

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 9/2/2020 12:00

*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	
3.2				12		✓			9117 6381690

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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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: IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 9/2/2020

Event contains NCRs (Y/N)? ☒

Event ID:

C-23 PFAS August 2020
 SE-DIST-2020-09-02-01 (DISTRICT)
 Date Received: 02-SEP-2020 12:00

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	8261 exp: 07/2021

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

C-23 PFAS August 2020

Customer: SE-DIST

Project ID: DISTRICT

Requester: Jordan Skaggs

Field Report Prepared By:

Jordan Skaggs

Collected By:

Jordan Skaggs, Drew Liddick

Sampling Agency:

21FLWPB

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/01/20 Time 10:10		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID Eastern Canal Outfall		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.72	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A, C	
WIN/STORET #		Temp (C) 27.5	pH 7.54	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 746			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.36	Comments 4						
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/01/20 Time 10:40		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)	
Field ID Eastern Canal # 2		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.10	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A, C	
WIN/STORET #		Temp (C) 27.3	pH 7.63	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 667			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.32	Comments						
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/01/20 Time 10:50		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)	
Field ID FRB		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A B	
WIN/STORET #		Temp (C) —	pH —	Sample Depth —	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments						
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/01/20 Time 11:00		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)	
Field ID Eastern 2nd Canal		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.36	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A, C	
WIN/STORET #		Temp (C) 30.9	pH 7.39	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 1077			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.53	Comments						

Relinquished By: JS FDEP	Date/Time 09/01/20	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: IM	Date/Time 9/2/20 12:00
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* Mislabeled Bottle Groups
IM 9/2/20

Group: A	Bottle Type: W-PFAS-MS	P-125ML HDPE PFAS	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>12</u>
Group: B	Bottle Type: W-PFAS-MS	P-125ML HDPE PFAS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: S-PFAS-MS2	HDPE 125 ML 1/3 FULL	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>4</u>

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SE-DIST
Project ID: DISTRICT

Requester: Jordan Skaggs Field Report Prepared By: Jordan Skaggs
 Collected By: Jordan Skaggs, Drew Liddich Sampling Agency: 21FLWPB

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/01/20</u> Time <u>11:20</u>		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
Field ID <u>Eastern Canal #3</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>3.85</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>B, C</u> <u>A</u>
WIN/STORET #		Temp (C) <u>27.9</u>	pH <u>7.45</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>661</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.32</u>	Comments					
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>09/01/20</u> Time <u>11:25</u>		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID <u>Eastern Canal #3 Replicate</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>3.85</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		<u>A</u>
WIN/STORET #		Temp (C) <u>27.9</u>	pH <u>7.45</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>661</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.32</u>	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	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	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	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: <u>JS EDEP</u>	Date/Time <u>09/01/20</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time
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* IM Mislabelled
9/2/20 bottle groups

Group: A	Bottle Type: W-PFAS-MS	P-125ML HDPE PFAS	# of Bottles: 12	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-PFAS-MS	P-125ML HDPE PFAS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: S-PFAS-MS2	HDPE 125 ML 1/3 FULL	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____

Date of Request: 06-AUG-2020
Created By: SKAGGS_J On: 06-AUG-2020
Modified By: WATTS_J On: 07-AUG-2020
Customer: SE-DIST
Project: DISTRICT
Division: Division of Environmental Assessment and Restoration
District: Southeast District
Event Description: C-23 PFAS August 2020

Send Coolers To:

Phone: (772) 448-5884
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs
Cooler Ship EMail: jordan.skaggs@floridadep.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 07-AUG-2020
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 14-AUG-2020
Sampling Kit Shipped: YES On: 10-AUG-2020
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 25-AUG-2020
Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Drew Liddick
Report Notification EMail:
jordan.skaggs@floridadep.gov;drew.liddick@floridadep.gov;dave.
m.phillips@floridadep.gov;david.d.whiting@floridadep.gov

Comments: Bottle Group A:
4 - samples
1 - duplicate

Bottle Group B:
1 - FRB

Bottle Group C:
4 - sediment

1 - 500ml LC-DI water

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-125ML HDPE Number of Bottles: 12 Preserved With: ICE
W-PFAS-MS Template: DEFAULT (EPA 8321B) Perfluorinated alkyl substances in water matrices by HPLC/MS/MS

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML HDPE Number of Bottles: 2 Preserved With: ICE
W-PFAS-MS Template: DEFAULT (EPA 8321B) Perfluorinated alkyl substances in water matrices by HPLC/MS/MS

Bottle Group C (Soil/Sediment/Waste) With 4 Samples:

Bottle Type: HDPE 125 ML 1/3 Number of Bottles: 4 Preserved With: ICE
S-PFAS-MS2 Template: DEFAULT (EPA 8321B) Perfluorinated alkyl substances in sediment/solid matrices by HPLC/MS/MS

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