

Login Checklist

RQ- **2020 - 07 - 13 - 59**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **07-17-2020 / 11:15**

*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	
3.2C				30		x			1278 4015 2130

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 **X** No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No **X**

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA **X**

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes **X** No _____

Caps on tight?

Yes **X** No _____

Sufficient Sample Volume:

Yes **X** 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 **X** No _____ Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes _____ No **X** Init: **ABS**

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 **X** No _____ NA **X** Init: **ABS**

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

Yes _____ No _____ NA **X** Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS**

Date: **07-17-2020** Event contains NCRs (Y/N)? **N**

Event ID: **SE-DIST- 2020 - 07 - 17 - 01**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	ITTG #3 EXP:11-05-2020
pH Test Strips 0 – 6	213316 BV EXP:05/15/2021
pH Paper 0 – 3	XXXXXXXXXX
pH Paper 0 – 13	231019 EXP:NOV-01-2022
Chlorine Test Strips	9080 / 2022 / 01

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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

Customer: SE-DIST

Project ID: DISTRICT

Requester: Jordan Skaggs

Field Report Prepared By: Jordan Skaggs

Collected By: Jordan Skaggs, Drew Liddick

Sampling Agency: 21 FLWPB

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JS FDEP	07/16/20	Fedex	1	ABD	7-17-20/11-15

Request Number: RQ-2020-07-13-59

C-23 PFAS 4th event July 2020

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: DISTRICT

Requester: Jordan Skaggs

Field Report Prepared By:

Collected By: Jordan Skaggs, Drew Liddich

Sampling Agency:

Jordan Skaggs
21FLWPB

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 07/16/20 Time 11:30		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID Allapattah Bridge		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.26		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET #		Temp (C) 27.8		pH 7.74		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 424	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.20		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 07/16/20 Time 11:45		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID Canal 800m west of Bridge		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.50		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET #		Temp (C) 30.1		pH 7.20		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 789	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.38		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 07/16/20 Time 12:00		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID Canal 170m west of Bridge		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.57		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET #		Temp (C) 29.5		pH 7.14		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 703	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.34		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 07/16/20 Time 12:15		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID Upstream of MCCF		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.71		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET #		Temp (C) 29.1		pH 7.30		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 735	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments salinity not recorded, 4 x 125ml bottles					

Relinquished By:

JS FDEP

Date/Time

07/16/20

Shipping Method

FedEx

Number of Coolers Shipped:

1

Received By:

ABP

Date/Time

7-17-20/11:15

Request Number: RQ-2020-07-13-59

C-23 PFAS 4th event July 2020

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: DISTRICT

Requester: Jordan Skaggs

Field Report Prepared By: Jordan SkaggsCollected By: Jordan Skaggs, Drew LiddichSampling Agency: 21FLWPB

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Date <u>07/16/20</u> Time <u>12:35</u>		Eastern ☒ Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID <u>SW Hosanah</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>1.53</u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____		A	
WIN/STORET #		Temp (C) <u>29.6</u>		pH <u>6.98</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>560</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.27</u>		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Date <u>07/16/20</u> Time <u>12:40</u>		Eastern ☒ Composite end Date _____ Time _____		Bottle Group(s)	
Field ID <u>DUP SW Hosanah</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>1.53</u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____		A	
WIN/STORET #		Temp (C) <u>29.6</u>		pH <u>6.98</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>560</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.27</u>		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Date <u>07/16/20</u> Time <u>13:10</u>		Eastern ☒ Composite end Date _____ Time _____		Bottle Group(s)	
Field ID <u>NW of PC49</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>1.89</u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____		A	
WIN/STORET #		Temp (C) <u>26.4</u>		pH <u>7.19</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>293</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.14</u>		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Date <u>07/16/20</u> Time <u>13:20</u>		Eastern ☒ Composite end Date _____ Time _____		Bottle Group(s)	
Field ID <u>FRB</u>		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: <u>JS FDEP</u>	Date/Time: <u>07/16/20</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>ARB</u>	Date/Time: <u>7/17/20 11:15</u>
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Request Number: RQ-2020-07-13-59

C-23 PFAS 4th event July 2020

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: DISTRICT

Requester: Jordan Skaggs

Field Report Prepared By: Jordan SkaggsCollected By: Jordan Skaggs, Drew LiddickSampling Agency: 21 FLWPA

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>07/16/20</u> Time <u>13:30</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID <u>N of G78</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.71</u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____		<u>A</u>	
WIN/STORET #		Temp (C) <u>30.9</u>		pH <u>7.04</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>716</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.34</u>		Comments <u>4 x 125ml bottles</u>					
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 ☐ 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		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		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		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: <u>JS/FDEP</u>	Date/Time <u>07/16/20</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>ADD</u>	Date/Time <u>7-17-20 11:15</u>
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Group: A	Bottle Type:	P-125ML HDPE PFAS	# of Bottles: 28	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>28</u>
	W-PFAS-MS					
Group: B	Bottle Type:	P-125ML HDPE PFAS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
	W-PFAS-MS					

Date of Request: 09-JUL-2020
Created By: SKAGGS_J On: 09-JUL-2020
Modified By: WATTS_J On: 09-JUL-2020
Customer: SE-DIST
Project: DISTRICT
Division: Division of Environmental Assessment and Restoration
District: Southeast District
Event Description: C-23 PFAS 4th event July 2020

Send Coolers To:

Phone: (772) 579-3039
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs
Cooler Ship EMail:
jordan.skaggs@floridadep.gov;drew.liddick@floridadep.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 09-JUL-2020
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 13-JUL-2020
Sampling Kit Shipped: YES On: 10-JUL-2020
Sampling Kit Packed By: MCCOY_I
Preservatives Needed: NO
Date to Receive Samples: 16-JUL-2020
Logged In By: SHAIK_A On: 17-JUL-2020

Send Final Report To:

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

Comments: Group A - 11 sites + 1 duplicate
Group B - 1 FRB
1 - 500ml of LC-DI water

Bottle Group A (Water) With 12 Samples:

Bottle Type: P-125ML HDPE PFAS Number of Bottles: 28 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 PFAS Number of Bottles: 2 Preserved With: ICE
W-PFAS-MS Template: DEFAULT (EPA 8321B) Perfluorinated alkyl substances in water matrices by HPLC/MS/MS

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