

Login Checklist

RQ- **2020- 10 - 12 - 63**

Login Station ID: **# 3**

Shipping Method: **FedEx | UPS | HD | Greyhound**

Date/Time of Receipt: **10-19-2020/ 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	
2.4C				8		x			1278 4012 9176
1.1C				8		x			1278 6382 4325
1.9C				8		x			1278 8007 4365
2.7C				8		x			1278 4012 9154

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 _____ No **x** Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ 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 _____ 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: **10-20-2020** Event contains NCRs (Y/N)? **n**

Event ID:

WQAP- 2020 - 10 - 19 - 01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:11/05/2020
pH Test Strips 0 – 6	213316 BV EXP:05/15/21
pH Paper 0 – 3	XX XX XX XX
pH Paper 0 – 13	231019 EXP:11/01/2020
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: _____

Lake O Release SED

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Requester: Amelia G. Rankin

Field Report Prepared By: Jordan Skaggs

Project ID: SPPROJECTS

Collected By: Jordan Skaggs, Drew LiddickSampling Agency: 21FLWPB

Location <u>5308_Lakeside</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>10:30</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <u>5308_Lakeside</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>	Diss. Oxygen <u>7.16</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	<u>A, B, C</u>
WIN/STORET #	Temp (C) <u>26.7</u>	pH <u>8.35</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>393.1</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments		
Location <u>5308_Lakeside</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>10:30</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>5308_Lakeside-Ch12</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>	Diss. Oxygen <u>7.16</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	<u>C</u>
WIN/STORET #	Temp (C) <u>26.7</u>	pH <u>8.35</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>393.1</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments		
Location <u>5308_Lakeside</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>10:30</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>5308_Lakeside-Ch13</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>	Diss. Oxygen <u>7.16</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	<u>C</u>
WIN/STORET #	Temp (C) <u>26.7</u>	pH <u>8.35</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>393.1</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments		
Location <u>5308_East</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>11:00</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>5308_East</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>	Diss. Oxygen <u>7.05</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	<u>A, B, C</u>
WIN/STORET #	Temp (C) <u>26.5</u>	pH <u>8.06</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>390.4</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments		

Relinquished By: <u>JS FDEP</u>	Date/Time <u>10/19/20</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>4</u>	Received By: <u>[Signature]</u>	Date/Time <u>10-20-20/11:00</u>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
ALGAL_ID							
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	4
DTY-QN-C PKD-QN-C							
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
W-MCYST-AA							
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN							
Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F							
Group: C	Bottle Type:	BP-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	12
CHLSUITE-W							

Lake O Release SED

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Requester: Amelia G. Rankin

Field Report Prepared By: Jordan Skaggs

Project ID: SPPROJECTS

Collected By: Jordan Skaggs, Drew Liddick

Sampling Agency:

Location <u>5308_East</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>11:00</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
Field ID <u>5308_East_Ch12</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>7.05</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		C
WIN/STORET #		Temp (C) <u>26.5</u>	pH <u>8.06</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>390.4</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments					
Location <u>5308_East</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>11:00</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID <u>5308_East_Ch13</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>7.05</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		C
WIN/STORET #		Temp (C) <u>26.5</u>	pH <u>8.06</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>390.4</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments					
Location <u>Timer_Powers_Park</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>11:45</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID <u>Timer_Powers_Park</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.86</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		A, B, C
WIN/STORET #		Temp (C) <u>26.8</u>	pH <u>7.64</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>616</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.30</u>	Comments					
Location <u>Timer_Powers_Park</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/19/20</u> Time <u>11:45</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID <u>Timer_Powers_Park_Ch12</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.86</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		C
WIN/STORET #		Temp (C) <u>26.8</u>	pH <u>7.64</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>616</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.30</u>	Comments					

Relinquished By: <u>JS FDEP</u>	Date/Time <u>10/19/20</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>4</u>	Received By: <u>AFD</u>	Date/Time <u>10-20-20/11:00</u>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALGAL_ID					
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab _____
	DTY-QN-C					
	PKD-QN-C					
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-MCYST-AA					
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: C	Bottle Type:	BP-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Lake O Release SED

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Requester: Amelia G. Rankin

Field Report Prepared By:

Project ID: SPPROJECTS

Collected By:

Sampling Agency:

Location <i>Timer Powers Park</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/19/20</i> Time <i>11:45</i>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <i>Timer Powers Park - Ch13</i>		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen <i>4.86</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORET #		Temp (C) <i>26.8</i>	pH <i>7.64</i>	Sample Depth <i>0.3</i>	☐ ft ☒ m	Sp. Conductance (umho/cm) <i>616</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>0.30</i>	Comments			
Location <i>S80</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/19/20</i> Time <i>12:30</i>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>S80</i>		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen <i>4.52</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORET #		Temp (C) <i>27.4</i>	pH <i>7.60</i>	Sample Depth <i>0.3</i>	☐ ft ☒ m	Sp. Conductance (umho/cm) <i>653</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>0.32</i>	Comments			
Location <i>S80</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/19/20</i> Time <i>12:30</i>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>S80 - Ch12</i>		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen <i>4.52</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORET #		Temp (C) <i>27.4</i>	pH <i>7.60</i>	Sample Depth <i>0.3</i>	☐ ft ☒ m	Sp. Conductance (umho/cm) <i>653</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>0.32</i>	Comments			
Location <i>S80</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/19/20</i> Time <i>12:30</i>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>S80 - Ch13</i>		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen <i>4.52</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORET #		Temp (C) <i>27.4</i>	pH <i>7.60</i>	Sample Depth <i>0.3</i>	☐ ft ☒ m	Sp. Conductance (umho/cm) <i>653</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>0.32</i>	Comments			

Relinquished By: <i>JS PDEF</i>	Date/Time <i>10/19/20</i>	Shipping Method <i>Fedex</i>	Number of Coolers Shipped: <i>4</i>	Received By: <i>[Signature]</i>	Date/Time <i>10/20/20/11/20</i>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALGAL_ID					
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab
	DTY-QN-C					
	PKD-QN-C					
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-MCYST-AA					
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: C	Bottle Type:	BP-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					

Date of Request: 14-OCT-2020
 Created By: RANKIN_A On: 14-OCT-2020
 Modified By: SWANSON_C On: 15-OCT-2020
 Customer: WQAP
 Project: LKORELEASE
 Division:
 District:
 Event Description: Lake O Release SED

Send Coolers To:

Phone: 7724485884
 2199 South Rock Road

 Ft. Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship Email: Jordan.Skaggs@FloridaDEP.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-OCT-2020
 Biology Request Reviewed By: JASROTIA_P On: 15-OCT-2020
 Sampling Kit Required: YES Ship on: 14-OCT-2020
 Sampling Kit Shipped: YES On: 15-OCT-2020
 Sampling Kit Packed By: AYRES_J
 Preservatives Needed: NO
 Date to Receive Samples: 20-OCT-2020
 Logged In By: SHAIK_A On: 20-OCT-2020

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399-2400
 Attn: Dave Whiting
 Report Notification Email: David.D.Whiting@FloridaDEP.gov

Comments: 4 locations, 1 bottle each: ALGAL-ID, toxins, nutrients, and full ID; 3 bottles each chlorophyll

All Bottle Groups - one event

Bottle Group A
 For algal dominant taxon

Bottle Group B
 For toxin texting, nutrients, full ID

Bottle Group C
 For chlorophyll

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 4 Samples:

Bottle Type: PT-50ML	Number of Bottles: 4	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: Lugols
DTY-QN-C	Template: DEFAULT	(SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.
PKD-QN-C	Template: DEFAULT	(SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.

Bottle Type: BG-250ML-WDMTH	Number of Bottles: 4	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 4	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

Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group C (Water) With 12 Samples:

Bottle Type: BP-1L	Number of Bottles: 12	Preserved With: ICE
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Bottle Group C (Water) With 12 Samples:

Bottle Type: BP-1L

Number of Bottles: 12

Preserved With: ICE

CHLSUITE-W

Template: DEFAULT

(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

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