

RQ- 2020-06-15-61

Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 6/17/2020 10:45

*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	
1.8				8		✓			1190 3162 4997

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: _____

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: IMDate: 6/17/2020Event contains NCRs (Y/N)? N

Event ID:

Lotta/LotusCEN-DIST-2020-06-17-01 (SMP)Date Received: 17-JUN-2020 10:45

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

Lotta/Lotus

Customer: CEN-DIST

Project ID: SMP

Requester: Leif Boman

Field Report Prepared By: Elizabeth Bates

Collected By: Elizabeth Bates/Leif Boman

Sampling Agency: 21 FL CEN

Location			☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>06/16/20</u> Time <u>10:30</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	WIN ID / Field ID → Lake Lotus @ Center				Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.19</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET					Temp (C) <u>28.3</u>	pH <u>7.25</u>	Sample Depth <u>0.303</u>	Sp. Conductance (umho/cm) <u>198.3</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.09</u>	Comments				<u>A</u>
Location									
Field ID	WIN ID / Field ID → Lake Lotta @ Center of Southern Lobe								
WIN/STORET									
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.09</u>	Comments				<u>A</u>
Location									
Field ID									
WIN/STORET #									
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location									
Field ID									
WIN/STORET #									
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location									
Field ID									
WIN/STORET #									
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location									
Field ID									
WIN/STORET #									

Relinquished By: <u>E. Bates</u>	Date/Time <u>06/16/2020</u>	Shipping Method <u>RedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>IM</u>	Date/Time <u>6/17/20 10:45</u>
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Group: A Bottle Type: # of Bottles: 0 Preservative: Enter Number of Bottles Sent to Lab _____

ALKALINITY
☒ CHLSUITE-W
 TURBIDITY
 W-CL-IC
 W-COLOR
 W-F
 W-NH3
 W-NO2NO3
 W-PO4-F
 W-S-A-TP
 W-SO4-IC
 W-TDS
 W-TKN
 W-TOC
 W-TSS

Group: A	Bottle Type	# of Bottles	Preservative	# of Bottles to Lab
(BP-1L)	CHLSUITE	2	ICE	<u>2</u>

Group A:	Bottle Type	# of Bottles	Preservative	# of Bottles to Lab
(P-1L)	Alkalinity / W-F / W-TSS Turbidity / W-CL-IC / W-COLOR W-SO4-IC / W-TDS	2	ICE	<u>2</u>

Group A	Bottle Type	# of Bottles	Preservative	# of Bottles to Lab
Filtered Nutrients (P125ML)	W-PO4-F field filtered 0.45µm filter	2	Ice	<u>2</u>

Group A:	Bottle Type	# of Bottles	Preservative	# of Bottles to Lab
(P500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-SA-TP	2	Ice H2SO4	<u>2</u>

Date of Request: 15-JUN-2020
 Created By: BOMAN_L On: 15-JUN-2020
 Modified By: JASROTIA_P On: 16-JUN-2020
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Lotta/Lotus

Send Coolers To:

Phone: 407-897-4178
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Natalie Ayala

Program Module Number: 1306
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-JUN-2020
 Biology Request Reviewed By: JASROTIA_P On: 16-JUN-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 15-JUN-2020
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Kalina Warren

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

Comments: Bottle Group A: Lotta/Lotus

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L		Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011)	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-2011)	True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)			
W-F	Template: DEFAULT	(SM 4500 F-C-2011)	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-2011)	Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011)	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L		Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.))	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML		Number of Bottles: 2	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-2011)	Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML		Number of Bottles: 2	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