

Florida Department of Environmental Protection

Central Laboratory Sample Submittal Form

Event ID *

Lake Istok

Request Number: RQ-2015-05-18-76

Algal Bloom Response - As needed

Requester: Elizabeth Miller

Field Report Prepared By: *Chase Conley*

Customer: SO-DIST

Collected By: *Chase Conley, Corey Anderson*

Send Final Report To: Kirby Wolfe

Project ID: BLOOM-RESP

PMAS:

Sampling Agency: *8052*

Lab ID *	Location <i>Lake Istokpoge, Windy Point</i>			☐ Comp	Collection (comp begin or grab) <i>Eastern</i>			Composite end		Eastern	Bottle Group(s)**
				☒ Grab	Date <i>9/10/15</i>	Time <i>1305</i>	Central	Date	Time	Central	
	Field ID <i>Lake Istokpoge Windy Point</i>			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)			Storet Station Number	
	Matrix (include type e.g. Salt, Fresh, etc) <i>Fresh</i>			Temp (C) <i>31.2</i>	pH <i>7.4</i>	Sample Depth ☒ m <i>0.3</i>	☐ Salinity (PPT)			NPDES Number	
	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			☒ Sp Conductance (umho/cm) <i>155</i>				
Comments											

Lab ID *	Location			☐ Comp	Collection (comp begin or grab) <i>Eastern</i>			Composite end		Eastern	Bottle Group(s)**
				☐ Grab	Date	Time	Central	Date	Time	Central	
	Field ID			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)			Storet Station Number	
	Matrix (include type e.g. Salt, Fresh, etc)			Temp (C)	pH	Sample Depth ☐ m ☐ ft	☐ Salinity (PPT)			NPDES Number	
	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			☐ Sp Conductance (umho/cm)				
Comments											

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				☐ Grab	Date	Time	Central	Date	Time	Central	
	Field ID			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)			Storet Station Number	
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Comments											

Lab ID *	Location			☐ Comp	Collection (comp begin or grab) <i>Eastern</i>			Composite end		Eastern	Bottle Group(s)**
				☐ Grab	Date	Time	Central	Date	Time	Central	
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	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			☐ Sp Conductance (umho/cm)				
Comments											

Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
					<i>Chase Conley</i>	<i>9/8/15 1700</i>	<i>ASB</i>	<i>9/11/15 10:30</i>

* Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

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Date of Request: 29-APR-2015
 Created By: MILLER_EB On: 29-APR-2015
 Modified By: MILLER_EB On: 19-AUG-2015
 Customer: SO-DIST
 Project: BLOOM-RESP
 Division:
 District: South District
 Sampling Event: Algal Bloom Response - As needed

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Kirby Wolfe

Program Module Number:

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: MILLER_EB On: 19-AUG-2015
 Biology Request Reviewed By: MILLER_EB On: 19-AUG-2015
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 07-MAY-2015
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 18-MAY-2015
 Received By: SHAIK_A On: 11-SEP-2015

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Kirby Wolfe

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

Comments: 1 - vial of sulfuric acid

Suite A is for water column sampling. Suite B is for full algal count for water and scum if applic. Suite C is for algal dominant assess. of water and scum if applic. There are two tubes in case you need one water column and one scum BLOOM_ID but you do not have to fill both if a surface scum is not present.

Suite A (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: BG-WD250	Number of Bottles: 1	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(DEP SOP LC-001-2 (based on EPA 8321B)) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Suite B (Biological) With 2 Samples:

Bottle Type: PT-50ML	Number of Bottles: 2	Preserved With: **NONE**
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Suite C (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	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.

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

RQ- 2015-05-18-76

Log-in Checklist

Shipping Method: FedExDate/Time of Receipt: 09-11-15 11:30

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Tracking # (fill out only if waybill copy is damaged)	
			Present? Yes	No	*Intact? Yes	No
<u>Red</u>	<u>11C</u>	<u>6</u>		☒		<u>J458 645 4615</u>

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain Of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☒ No ☒ If yes, is it intact? Yes ☐ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PCB-R		
W-AHERB-AA (-AHB-AA-R)			W-PC-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: [Signature]

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☐ Init: [Signature]

Coolers Unpacked/Checked by: [Signature] Date: 9-11-15 NCRs (Y/N)? 2

Event ID: Algal Bloom Response - As needed
SO-DIST-2015-09-11-01 (BLOOM-RESP)
Date Received: 11-SEP-2015 09:40
NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

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

Were Encore samples received? Yes____ No____

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____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes____ No____

Date and time samples preserved: _____

Additional Comments: