Florida Department of Environmental Protection

Central Laboratory Sample Submittal Form

Event ID *

Request Number: RQ-2015-06-01-67
Algal Bloom Response - As needed

Requester: Elizabeth Miller

Field Report Prepared By: Diane Loughlin

Customer: SO-DIST
Project ID: BLOOM-RESP
PMAS:

Collected By: T. Ducato & K. Johnson

Send Final Report To: Kirby Wolfe

Sampling Agency: FDEP South District

Diane Loughlin

Lab ID *	Location			☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/28/15 Time 11:35 Eastern (circled) Central	Composite end Date Time Eastern Central	Bottle Group(s)**
	25.56.38.78 N 81.41.46.82 W						algae kit A,B,C
	Field ID			Tot Res Chlorine (mg/L)	Diss Oxygen (mg/L) 3.08	Storet Station Number	
	Matrix (include type e.g. Salt, Fresh, etc) Salt water	Temp (C) 29.4°	pH 8.80	Sample Depth ☒ m ☐ ft 0.3	46060 ☐ Salinity (PPTh) ☒ Sp Conductance (umho/cm)	NPDES Number	
	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms		Comments 44.8% DO			

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

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Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			[signature]	7-29-15 0910				

* Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

RQ-2015-06-01-67

Date of Request:	13-MAY-2015
Created By:	MILLER_EB On: 13-MAY-2015
Modified By:	WATTS_J On: 13-MAY-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

Send Final Report To:

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:	WATTS_J On: 13-MAY-2015
Biology Request Reviewed By:	MILLER_EB On: 13-MAY-2015
Sampling Kit Required:	YES Ship on: 27-MAY-2015
Sampling Kit Shipped:	YES On: 26-MAY-2015
Sampling Kit Packed By:	KITCHEN_S
Preservatives Needed:	
Date to Receive Samples:	01-JUN-2015
Received By:	SHAIK_A On: 29-JUL-2015

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

Comments: Analyze upon receipt.

2 - vials 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 sets of bottles per suite in case you need one water column and one scum sample but you do not have to fill both if a surface scum is not present.

Suite A (Water) With 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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: 2 Preserved With: ICE
- W-MCYST-AA Template: (DEP SOP LC-001-2 (based on EPA 8321B)) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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.

Log-in Checklist

RQ- 2015-06-01-67

Shipping Method: Fed Exp Date/Time of Receipt: 07-29-15 09:10

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
BLUE	2.9C	6		✓			8079 3469 2879

*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:** 7-29-15 **NCRs (Y/N)?** N

Event ID: Algal Bloom Response - As needed _____ **NCR #** _____
SO-DIST-2015-07-29-03 (BLOOM-RESP)
Date Received: 29-JUL-2015 09:10