

From: Paswater, Benjamin
Sent: Tuesday, January 12, 2016 7:20 AM
To: Holland, Kathryn
Subject: RE: unfiltered PO4 sample?

Hi Kathryn,

Yes it is unfiltered we had no filter with us. Sorry about that.

Thanks, Ben

From: Holland, Kathryn
Sent: Monday, January 11, 2016 2:08 PM
To: Paswater, Benjamin
Subject: unfiltered PO4 sample?

Hi Ben,

There was algae in the PO4 sample so we're assuming that it was not filtered. Can you verified if this is the case? If so, we'll

RQ-2016-01-04-74
Huckleberry Lake – Algae Bloom #1

Thanks,

Kathryn

Kathryn Holland
Florida Department of Environmental Protection
Central Laboratory, Scientific Services Support
(850) 245-8095

RQ 2016-01-04-74

Florida Department of Environmental Protection

Event ID *

Request Number: ~~2016-01-04-74~~ 1534

Algal Bloom Response - As needed

Central Laboratory Sample Submittal Form

Customer: SO-DIST

Project ID: BLOOM-RESP

PMAS:

Requester: Elizabeth Miller

Field Report Prepared By:

Ben Paswater

Collected By:

Ben Paswater, Kaitlin DeAeth

Send Final Report To:

Kirby Wolfe

Sampling Agency:

FDEP South

Lab ID *	Location			☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date Time	Eastern Central	Bottle Group(s)**
	RQ-2016-01-04-74 1/6/2016 Time: Huckleberry Lake - Algae Bloom #1			Date 1/6/16 Time 1200					
	SD010616-9 Field ID ▲ STORET ▼			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)		
	pH 6.4			Sample Depth ☒ m 0.3 ☐ ft			☐ Salinity (PPTH) ☒ Sp Conductance (umho/cm)		NPDES Number
	☐ dd ☐ dms			Comments 116 DO% Temp: 20.4 matrix: fresh					
Lab ID *	Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date Time	Eastern Central	Bottle Group(s)**
	Field ID			Date Time			Date Time		
	Matrix (include type e.g. Salt, Fresh, etc)			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)		
	Temp (C)			Sample Depth ☐ m ☐ ft			☐ Salinity (PPTH) ☐ Sp Conductance (umho/cm)		NPDES Number
	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			Comments		
Lab ID *	Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date Time	Eastern Central	Bottle Group(s)**
	Field ID			Date Time			Date Time		
	Matrix (include type e.g. Salt, Fresh, etc)			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)		
	Temp (C)			Sample Depth ☐ m ☐ ft			☐ Salinity (PPTH) ☐ Sp Conductance (umho/cm)		NPDES Number
	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			Comments		
Lab ID *	Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date Time	Eastern Central	Bottle Group(s)**
	Field ID			Date Time			Date Time		
	Matrix (include type e.g. Salt, Fresh, etc)			Tot Res Chlorine (mg/L)			Diss Oxygen (mg/L)		
	Temp (C)			Sample Depth ☐ m ☐ ft			☐ Salinity (PPTH) ☐ Sp Conductance (umho/cm)		NPDES Number
	Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			Comments		
Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time	
Ben Paswater	1/6/2016	Fed Ex	a	1/7/16 8:55					

* Shaded Areas for Lab use only. 3p

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

Page 1 of 2

Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: A	Bottle Type:	BG-WD250	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-MCYST-AA							
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
W-PO4-F							
Group: B	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	**NONE**	Enter Number of Bottles Sent to Lab	1
BLOOM-ID							
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1
DTY-QN-C							
PKD-QN-C							

Date of Request: 05-JAN-2016
 Created By: MILLER_EB On: 05-JAN-2016
 Modified By: WATTS_J On: 06-JAN-2016
 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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 06-JAN-2016
 Biology Request Reviewed By: MILLER_EB On: 05-JAN-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 05-JAN-2016
 Received By:

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: No preservatives needed

Bottle Group A is for water column sampling.

Bottle Group B is for full algal count for water and scum if applic.

Bottle Group 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.

Bottle Group 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

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PT-50ML	Number of Bottles: 2	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group 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- 2016-01-04-74

Shipping Method: Fedex

Date/Time of Receipt: 1/7/16 8:55

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	
Red	1.7	6		✓			8079 3409 5466

*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-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
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)			W-TR-TQ		
W-PCB-R					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: cu

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

Coolers Unpacked/Checked by: cu Date: 1/7/16 NCRs (Y/N)? N

Event ID: SD-DISC-2016-01-07-01 NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	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: