RQ-2017-06-05-44

Date of Request: 15-MAY-2017
Created By: MUSSON_C On: 15-MAY-2017
Modified By: SWANSON_C On: 19-MAY-2017
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Algal Bloom responce - As Needed

Send Coolers To:

Phone: 850-245-8453
2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 19-MAY-2017
Biology Request Reviewed By: SWANSON_C On: 19-MAY-2017
Sampling Kit Required: YES Ship on: 29-MAY-2017
Sampling Kit Shipped: YES On: 25-MAY-2017
Sampling Kit Packed By: REAVES_S
Preservatives Needed: NO
Date to Receive Samples: 05-JUN-2017
Received By: GREENWOO_J On: 10-JUL-2017

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

Comments:

Analyze toxin upon receipt after consultation with Biology's Taxonomy Manager.

Bottle Groups A/B - separate event, priority 1
Bottle Groups C/D - separate event, C - priority 3, D - priority 12

Bottle group A - Priority 1
For algal dominant taxon.

Bottle Group B - Priority 1
For toxin testing

Bottle Group C - Priority 3
Water quality testing

Bottle group D - Priority 12
For algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgment to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Packing Note:
No FedEx labels needed

Bottle Group A (Biological) With 8 Samples:

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample
*Dominant sample taxon

Bottle Group B (Water) With 4 Samples:

Bottle Type: BG-WD250 Number of Bottles: 4 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
*Anatoxin-a
*Cylindrospermopsin
*Microcystin LA
*Microcystin LR
*Microcystin RR

Bottle Group B (Water) With 4 Samples:

Bottle Type: BG-WD250 Number of Bottles: 4 Preserved With: ICE

W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

*Microcystin YR

Bottle Group C (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, and phaeophytin by spectrophotometry

Chlorophyll/Phaeophytin Ratio

Chlorophyll-a, Corrected

Chlorophyll-a, Uncorrected

Phaeophytin-a

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

Ammonia-N

W-NO2NO3 Template: DEFAULT (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L

NO2NO3-N

W-S-A-TP Template: DEFAULT (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L

Total-P

W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Kjeldahl Nitrogen

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

O-Phosphate-P

Bottle Group D (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.

*Phytoplankton-Quantitative-#Diatom Taxa

PKD-QN-C Template: DEFAULT (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.

*Phytoplankton-Quantitative-# Wet Taxa

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