

RQ-2020-10-12-32 (5)

RQ-2020-10-19-42(5)

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | GreyhoundDate/Time of Receipt: 12/02/2020 @ 10:05

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.8 °C              |                 |                                        |          | 20                                    |               | X  |          |    | 9293 8007 8132     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

COOLER CHECK

## 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 °C (above 10.0 °C 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: Jylynp

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 &lt; 2.0?

Yes ☒ No ☐ NA ☐ Init: Jylynp

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes ☐ No ☐ NA ☒ Init: Jylynp

If samples were not preserved correctly, generate an NCR listing affected sample IDs. NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: JylynpDate: 12/02/2020Event contains NCRs (Y/N)? NoneEvent ID: Algal Bloom Response - URGENT  
WQAP-2020-12-02-02 (BLOOM-RESP)Date Received: 02-DEC-2020 10:05

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BIOLOGY

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/28/2021 |
| pH Test Strips 0 – 6     | N/A                        |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 231019 EXP:11/01/2022      |
| 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: \_\_\_\_\_



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

*Do failed post cal*

RQ - 2020 - 10-12-31

Customer: WQAP

Project ID: BLOOM-RESP

Location:

Field ID: HABCE0053\_IRLFishKill3

Win ID: HABCE0053

IRL @ 528 Bridge N

Collected By:

Field Report

Prepared By:

Sampling Agency: 21FLCEN - CEROC

*Leif Boman, Katie March*

*Katie March*

Comments:

*Site 3*

*Lots of dead fish & stingrays.  
Winward side of bridge*

Coordinates: *28.40201, -80.74357*

Collection Equip:

*water bottle, pole*

High Tide Time:

*805 A*

Low Tide Time: *220 P*

Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A

WIN ID: *HABCE0053*

Matrix:

*maine*

Grab

## Water Quality

| Date           | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%) | D.O.<br>(mg/L) | Temp<br>(°C) | pH<br>(SU)  | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m)      | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPTH) |
|----------------|---------------------------------------------------------------------------------|-------------|----------------|--------------|-------------|------------------------|-----------------------|----------------------------|------------------------|--------------------|
| <i>12/1/20</i> | <i>1303</i>                                                                     | <i>79.0</i> | <i>6.61</i>    | <i>19.4</i>  | <i>7.65</i> | <i>0.20</i>            | <i>0.469</i>          | <i>0.469</i><br><i>(S)</i> | <i>26542</i>           | <i>16.30</i>       |

## Bloom Observations

Algal Bloom Observed?

☐ Yes ☒ No

Water Surface

☒ Clear ☐ Scum

☐ Globbs

☐ Slick

Water Clarity

☒ Clear ☐ Slightly Turbid

☐ Turbid

☐ Opaque

Bloom Color

☐ Green ☐ Red

☒ Brown

☐ Other: \_\_\_\_\_

☐ N/A

Algae Distribution

☐ Suspended in water column

☐ On surface

☐ Other: \_\_\_\_\_

☒ N/A

Water Odors

☐ Normal ☐ Sewage

☐ Petroleum

☐ Chemical

☒ Other: *fish*

Parameter Suite

Parameter Methods

Preservation

pH  
Check

#Bottles  
Sent to  
Lab

Bottle  
Group

Bloom ID (PT-50mL)

☒ BLOOM-ID

☒ Ice

Chlorophyll (BP-1L)

☒ CHLSUITE-W

☒ Ice

Toxins (BG-WD250)

☒ W-MCYST-AA

☒ Ice

Preserved Nutrients  
(500mL HDPE)

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

Acid Lot:

*112544*

Exp:

*12/20/20*

Filtered Nutrients  
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

Filter Lot # *9149785 16930280*

☒ Ice

Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? ☒ Y ☐ N

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

*K March 12/1/20 1600*

LIMS EVENT ID: WQAP-2020-

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

*Sent to FWR*



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

*\*DOO failed post-cal*

RQ- 2020-10-12-31

Customer: WQAP

Project ID: Bloom-RESP

Collected By:

Field Report

Prepared By:

Sampling Agency:

*Leif Pommer, Kathe March  
Kathe March*

*21FLEN*

Field ID: HABCE0052\_IRLFishKill2

Win ID: HABCE0052

IRL @ N of Magnolia Point

Comments:

*Site 2  
2 dead stingrays noted*

Coordinates: *28.38228, -80.73681*

Collection Equip: *water bottle, pole*

High Tide Time: *805 A*

Low Tide Time: *220 P*

WIN ID: *HABCE0052*

Matrix: *marine*

Grab

Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A

## Water Quality

| Date           | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%) | D.O.<br>(mg/L) | Temp<br>(°C) | pH<br>(SU)  | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m) | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPT) |
|----------------|---------------------------------------------------------------------------------|-------------|----------------|--------------|-------------|------------------------|-----------------------|-----------------------|------------------------|-------------------|
| <i>12/1/20</i> | <i>1224</i>                                                                     | <i>57.3</i> | <i>4.73</i>    | <i>19.8</i>  | <i>7.55</i> | <i>0.311</i>           | <i>0.624</i>          | <i>0.624(S)</i>       | <i>26298</i>           | <i>16.13</i>      |

## Bloom Observations

|                       |                                                    |                                                        |
|-----------------------|----------------------------------------------------|--------------------------------------------------------|
| Algal Bloom Observed? | <input type="checkbox"/> Yes                       | <input checked="" type="checkbox"/> No                 |
| Water Surface         | <input checked="" type="checkbox"/> Clear          | <input type="checkbox"/> Scum                          |
| Water Clarity         | <input checked="" type="checkbox"/> Clear          | <input type="checkbox"/> Slightly Turbid               |
| Bloom Color           | <input type="checkbox"/> Green                     | <input type="checkbox"/> Red                           |
| Algae Distribution    | <input type="checkbox"/> Suspended in water column | <input type="checkbox"/> On surface                    |
| Water Odors           | <input type="checkbox"/> Normal                    | <input type="checkbox"/> Sewage                        |
|                       | <input type="checkbox"/> Globbs                    | <input type="checkbox"/> Slick                         |
|                       | <input type="checkbox"/> Turbid                    | <input type="checkbox"/> Opaque                        |
|                       | <input checked="" type="checkbox"/> Brown          | <input type="checkbox"/> Other: <i>fish</i>            |
|                       | <input type="checkbox"/> On surface                | <input type="checkbox"/> Other: <i>fish</i>            |
|                       | <input type="checkbox"/> Petroleum                 | <input type="checkbox"/> Chemical                      |
|                       | <input type="checkbox"/> Chemical                  | <input checked="" type="checkbox"/> Other: <i>fish</i> |

## Parameter Suite

## Parameter Methods

## Preservation

pH  
Check

#Bottles  
Sent to  
Lab

Bottle  
Group

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

Preserved Nutrients  
(500mL HDPE)

Filtered Nutrients  
(P125mL)

Quantitative Algae

Relinquished By:

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ W-PO4-F

☒ DTY-QN-C / PKD-QN-C

Date/Time

☒ Field Filtered 0.45um Filter

Filter Lot # *16930280*

☐ Ice

Lugols? *Y/N*

Received By:

Date/Time

☒ Ice

☒ Ice

☒ Ice

☒ Ice

☒ H2SO4

☒ <2

*1*

*1*

*1*

*1*

*A*

*B*

*B*

*B*

*B*

*B*

Acid Lot: *112544*

Exp: *12/20/20*

Number of Coolers Shipped

*1*

*K March*

*12/1/20  
1600*

*Sent to FWRI*



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

*\* DO failed post cal*

RQ - 2020-1019-42

Collected By:

*Kate March*

Customer:

*WRAP*

Field Report

Prepared By:

*Kate March*

Project ID:

*Bloom-Resp*

Sampling Agency:

*21FLUEN*

Comments:

*Site 1*

Field ID: HABCE0051\_IRLFishKill1

Win ID: HABCE0051

IRL @ Cocoa Village Marina

*no apparent bloom, water brown, dead fish*

Coordinates: *28.35676, -80.724333*

Collection Equip:

*water bottle, pole*

WIN ID:

*HABCE0051*

High Tide Time:

*805 A*

Low Tide Time:

*220 P*

Matrix:

*marine*

Grab

Tide:

☐ Rising

☒ Falling

☐ Slack

☐ N/A

## Water Quality

| Date           | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%) | D.O.<br>(mg/L) | Temp<br>(°C) | pH<br>(SU)  | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m) | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPTH) |
|----------------|---------------------------------------------------------------------------------|-------------|----------------|--------------|-------------|------------------------|-----------------------|-----------------------|------------------------|--------------------|
| <i>12/1/20</i> | <i>1141</i>                                                                     | <i>34.9</i> | <i>2.85</i>    | <i>20.6</i>  | <i>7.48</i> | <i>0.315</i>           | <i>0.755</i>          | <i>0.755</i>          | <i>26635</i>           | <i>1635</i>        |

## Bloom Observations

Algal Bloom Observed?

☐ Yes

☒ No

Water Surface

☒ Clear

☐ Scum

☐ Globbs

☐ Slick

*EX foam*

Water Clarity

☒ Clear

☐ Slightly Turbid

☐ Turbid

☐ Opaque

Bloom Color

☐ Green

☐ Red

☒ Brown

☐ Other:

☐ N/A

Algae Distribution

☐ Suspended in water column

☐ On surface

☐ Other:

☒ N/A

Water Odors

☒ Normal

☐ Sewage

☐ Petroleum

☐ Chemical

☒ Other:

*fish*

Parameter Suite

Parameter Methods

Preservation

pH

#Bottles

Sent to

Lab

Bottle

Group

Bloom ID (PT-50mL)

☒ BLOOM-ID

☒ Ice

*1*

*A*

Chlorophyll (BP-1L)

☒ CHLSUITE-W

☒ Ice

*1*

*B*

Toxins (BG-WD250)

☒ W-MCYST-AA

☒ Ice

*1*

*B*

Preserved Nutrients

(500mL HDPE)

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

*1*

*B*

Acid Lot:

*112544*

Exp:

*12/20/20*

Filtered Nutrients

(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

☒ Ice

*1*

*B*

Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y/N

*1*

*B*

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

*K March*

*12/1/20*

*1600*

*1*

*sent to FWR*



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

RQ - 2020 - 10-12-32

Customer: WQAP

Project ID: BLOOM-RESP

Location: \_

Field ID: HABCE0054\_IRLFishKill4

Win ID: HABCE0054

IRL @ 528 Bridge S

Collected By: *Leif Boman, Katie March*

Field Report

Prepared By: *Katie March*

Sampling Agency: 21FLCEN - CEROC

Comments: *site 4*

*leeward side of bridge  
more dead fish + rays*

Coordinates: *28.40095, - 80.744588*

Collection Equip: *pole, water bottle*

High Tide Time: *805 A* Low Tide Time: *2208*

WIN ID: HABCE0054

Matrix: *maine*

Grab

Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A

## Water Quality

| Date    | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%)             | D.O.<br>(mg/L)          | Temp<br>(°C) | pH<br>(SU) | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m) | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPT) |
|---------|---------------------------------------------------------------------------------|-------------------------|-------------------------|--------------|------------|------------------------|-----------------------|-----------------------|------------------------|-------------------|
| 12/1/20 | 1336                                                                            | <del>52.8</del><br>51.0 | <del>4.28</del><br>4.14 | 21.3         | 7.65       | 0.3                    | 0.522                 | 0.522<br>(s)          | 24907                  | 15.19             |

## Bloom Observations

|                       |                                                    |                                          |
|-----------------------|----------------------------------------------------|------------------------------------------|
| Algal Bloom Observed? | <input type="checkbox"/> Yes                       | <input type="checkbox"/> No              |
| Water Surface         | <input checked="" type="checkbox"/> Clear          | <input type="checkbox"/> Scum            |
| Water Clarity         | <input checked="" type="checkbox"/> Clear          | <input type="checkbox"/> Slightly Turbid |
| Bloom Color           | <input type="checkbox"/> Green                     | <input type="checkbox"/> Red             |
| Algae Distribution    | <input type="checkbox"/> Suspended in water column | <input type="checkbox"/> On surface      |
| Water Odors           | <input type="checkbox"/> Normal                    | <input type="checkbox"/> Sewage          |
|                       | <input type="checkbox"/> Globbs                    | <input type="checkbox"/> Slick           |
|                       | <input type="checkbox"/> Turbid                    | <input type="checkbox"/> Opaque          |
|                       | <input checked="" type="checkbox"/> Brown          | <input type="checkbox"/> Other: _____    |
|                       | <input type="checkbox"/> On surface                | <input type="checkbox"/> Other: _____    |
|                       | <input type="checkbox"/> Petroleum                 | <input type="checkbox"/> Chemical        |
|                       | <input type="checkbox"/> Other: <i>fish</i>        |                                          |

## Parameter Suite

## Parameter Methods

## Preservation

pH Check: \_\_\_\_\_  
#Bottles Sent to Lab: \_\_\_\_\_  
Bottle Group: \_\_\_\_\_

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

Preserved Nutrients  
(500mL HDPE)

Filtered Nutrients  
(P125mL)

Quantitative Algae

Relinquished By: *K March*

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

Acid Lot: *112544*

Exp: *12/20/20*

☒ W-PO4-F

☒ DTY-QN-C / PKD-QN-C

Date/Time: *12/1/20 1600*

☒ Field Filtered 0.45µm Filter

Filter Lot # *9149785*

Number of Coolers Shipped: *1*

☒ Ice

☐ Ice

Lugols? *Y* / *N*

Received By: \_\_\_\_\_

Date/Time: \_\_\_\_\_

LIMS EVENT ID: WQAP-2020-

WIN Import ID: \_\_\_\_\_

Enter Field Parameters, Verify Station ID in LIMS DMT: \_\_\_\_\_

QC Station ID, Field Parameters in LIMS DMT: \_\_\_\_\_

Scan/Save Field Sheets

Migrate Data to WIN: \_\_\_\_\_

Verify Data in WIN: \_\_\_\_\_

(Initials/Date)

*Sent to FWR*

Date of Request: 22-SEP-2020  
 Created By: AYALA\_N On: 22-SEP-2020  
 Modified By: JASROTIA\_P On: 24-SEP-2020  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central  
 Event Description: Algal Bloom Response - CEROC

**Send Coolers To:**

Phone: 407-897-4178  
 3319 Maguire Blvd Ste 232  
  
 Orlando, FL 32803  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@FloridaDep.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 24-SEP-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 24-SEP-2020  
 Sampling Kit Required: YES Ship on: 02-OCT-2020  
 Sampling Kit Shipped: YES On: 30-SEP-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-OCT-2020  
 Logged In By:

**Send Final Report To:**

3319 Maguire Blvd Ste 232  
  
 Orlando, FL 32803  
 Attn: Natalie Ayala  
 Report Notification EMail: Natalie.Ayala@FloridaDEP.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1  
 For algal dominant taxon.

Bottle Group B - Priority 1  
 For toxin testing, nutrients, chlorophyll, algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement 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.

Please print two copies of algal job labels at login

**Bottle Group A (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 B (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, and phaeophytin by spectrophotometry |
| 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.                                             |
| Bottle Type: BG-250ML-WDMTH | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| W-MCYST-AA                  | Template:            | (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: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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