# Login Checklist

RQ- 2023-09-18-61

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/ 10 / 23 @ 9:01

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with | | Number of Sample Containers in Cooler | Evidence Tape | | | | Waybill Tracking # |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Present? | | *Intact? | | |
| | YES | $HNO_3$ | Formalin | | Yes | No | Yes | No | |
| 3.3 | | | | 12 | | X | | | 6484 8458 3575 |
| 2.0 | | | | 24 | | X | | | 6484 8458 3553 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**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 oC (above 10.0 oC 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 X No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes _____ No X

**CONTAINER CHECK**

Evidence Tape on Bottles? Yes_____ No_____ NA X Evidence Tape intact? Yes_____ No _____

If Criminal, photographs taken? Yes ____ No X Containers intact? Yes X No _____

Caps on tight? Yes X No ____

Sufficient Sample Volume: Yes X 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 X Init: C.P

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< 2.0? Yes X No_____ NA_____ Init: C.P

**W-1-4-DIOX *(Green dot on container)* preserved to pH< 4.0? Yes_____ No_____ NA X Init: C.P

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

**Coolers Unpacked/Checked by:** C.P **Date:** 10/ 10 /23 **Event contains NCRs (Y/N)?** N

**Event ID:** SO-DIST-2023-10-10-01 (BLOOM-RESP)
Date Received: 10-OCT-2023 09:01

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| Infrared Thermometer ID: | 221426058 10/17/23 |
| pH Test Strips 0 – 6 | 207621 03/15/2024 |
| pH Paper 0 – 3 | NA |
| pH Paper 0 – 13 | 20762103 03/15/2024 |
| Chlorine Test Strips | 1196 02/2024 |

**Additional Comments:**

**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#** _____

# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

| | | | |
|---|---|---|---|
| **RQ -** 2023-09-18-61 | | **Collected By:** | John Barrington |
| **Customer:** | SO-DIST | **Field Report Prepared By:** | John Barrington |
| **Project ID:** | BLOOM_RESP | **Sampling Agency:** | SOROC |

**Location:** Caloosahatchee River - Coral Point Dr

**Comments:** No visible bloom at time of visit

| | | | |
|---|---|---|---|
| **Field ID:** HAB-SD-100923-1130 | | **Coordinates:** | 26.62218, -81.92823 |
| **WIN Secondary Resource Type:** Canal | | **Collection Equip:** | WaterBottle |
| **WIN ID: HAB-SD-0157** | | **High Tide Time:** | **Low Tide Time:** |
| **Matrix:** Fresh | Grab | **Tide:** | ☐ Rising ☐ Falling ☐ Slack ☐ N/A |

## Water Quality

| Date | Time ■ EST ☐ CEN | D.O. (%) | D.O. (mg/L) | Temp (°C) | pH (SU) | Sample Depth (m) | Total Depth (m) | Secchi Disk (m) | Sp. Cond. (µmho/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/09/2023 | 11:30 | 59.5 | 4.66 | 27.7 | 7.42 | 0.3 | 1.1 | 1.1 | 2153 | 1.09 |
| | | | | | | | | | | |
| | | | | | | | | | | |

## Bloom Observations

**Algal Bloom Observed?** ☐ Yes ■ No

| | | | | |
|---|---|---|---|---|
| **Water Clarity** | ■ Clear | ☐ Slightly Turbid | ☐ Turbid | ☐ Opaque |
| **Bloom Color** | ☐ Green | ☐ Red | ☐ Brown | ☐ Other: |
| **Algae Type** | ☐ Planktonic | ☐ Filamentous | ☐ Other: | |
| **Algae Accumulation** | ☐ Mat | ☐ Specks | ☐ Scum | ☐ Glob |
| **Algae Distribution** | ☐ Surface-Entire | ☐ Surf-Localized | ☐ Surf-Windblown | ☐ Suspended ☐ Benthic ☐ Epiphytic |

| Parameter Suite | Parameter Methods | Preservation | pH Check | #Bottles Sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Algae (PT-50mL) | ☐ ALGAL-ID ■ BLOOM-ID | ■ Ice | | 1 | A |
| Chlorophyll (BP-1L) | ■ CHLSUITE-W | ■ Ice | | 1 | A |
| Toxins (P-125/BG-250) | ■ W-MCYST-AA ■ W-SAXTN-MS ☐ OV-TOXN | ■ Ice | | 1 | A |
| Physical/Aggregate | ■ W-COLOR | ■ Ice | | 1 | A |
| Preserved Nutrients (500mL HDPE) | ■ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: SA3013020 Exp: 1/25/24 | ■ Ice ■ H2SO4 | ■ <2 | 1 | A |
| Filtered Nutrients (P125mL) | ■ W-PO4-F | ■ Field Filtered 0.45um Filter<br>Filter Lot # 17589311 ■ Ice | | 1 | A |
| Quantitative Algae | ☐ DTY-QN-C / PKD-QN-C | ☐ Ice ☐ Lugols | | | |

| Relinquished By: | Date/Time | Number of Coolers Shipped | Received By: | Date/Time |
|---|---|---|---|---|
| John Barrington | 10/09/2023 13:00 | 2 | C·P | 10-10-23 / 9:01 |

# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

| | | | |
|---|---|---|---|
| **RQ -** 2023-09-18-61 | | **Collected By:** | John Barrington |
| **Customer:** | SO-DIST | **Field Report Prepared By:** | John Barrington |
| **Project ID:** | BLOOM_RESP | **Sampling Agency:** | SOROC |

**Location:** Caloosahatchee River - N of Loftons Island

**Comments:** No visible bloom at time of visit

**Field ID:** HAB-SD-100923-1035

**Coordinates:** 26.65433, -81.87992

**WIN Secondary Resource Type:** Estuary

**Collection Equip:** WaterBottle

**WIN ID: HAB-SD-0145**

**High Tide Time:**

**Low Tide Time:**

**Matrix:** Fresh Grab

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

## Water Quality

| Date | Time ■ EST ☐ CEN | D.O. (%) | D.O. (mg/L) | Temp (°C) | pH (SU) | Sample Depth (m) | Total Depth (m) | Secchi Disk (m) | Sp. Cond. (µmho/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/09/2023 | 10:35 | 81.4 | 6.59 | 26 | 7.73 | 0.2 | 0.4 | 0.4 | 404.9 | 0.19 |
| | | | | | | | | | | |
| | | | | | | | | | | |

## Bloom Observations

**Algal Bloom Observed?** ☐ Yes ■ No

**Water Clarity** ■ Clear ☐ Slightly Turbid ☐ Turbid ☐ Opaque
**Bloom Color** ☐ Green ☐ Red ☐ Brown ☐ Other:
**Algae Type** ☐ Planktonic ☐ Filamentous ☐ Other:
**Algae Accumulation** ☐ Mat ☐ Specks ☐ Scum ☐ Glob
**Algae Distribution** ☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☐ Suspended ☐ Benthic ☐ Epiphytic

| Parameter Suite | Parameter Methods | Preservation | pH Check | #Bottles Sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Algae (PT-50mL) | ☐ ALGAL-ID ■ BLOOM-ID | ■ Ice | | 1 | A |
| Chlorophyll (BP-1L) | ■ CHLSUITE-W | ■ Ice | | 1 | A |
| Toxins (P-125/BG-250) | ■ W-MCYST-AA ■ W-SAXTN-MS ☐ OV-TOXN | ■ Ice | | 1 | A |
| Physical/Aggregate | ■ W-COLOR | ■ Ice | | 1 | A |
| Preserved Nutrients (500mL HDPE) | ■ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: SA3013020 Exp: 1/25/24 | ■ Ice ■ H2SO4 | ■ <2 | 1 | A |
| Filtered Nutrients (P125mL) | ■ W-PO4-F ■ Field Filtered 0.45um Filter<br>Filter Lot # 17689311 | ■ Ice | | 1 | A |
| Quantitative Algae | ☐ DTY-QN-C / PKD-QN-C | ☐ Ice ☐ Lugols | | | |

| Relinquished By: | Date/Time | Number of Coolers Shipped | Received By: | Date/Time |
|---|---|---|---|---|
| John Barrington | 10/09/2023 13:00 | 2 | C-P | 10-10-23 / 9:01 |

# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

| | | | |
|---|---|---|---|
| **RQ -** 2023-09-18-61 | | **Collected By:** | John Barrington |
| **Customer:** | SO-DIST | **Field Report Prepared By:** | John Barrington |
| **Project ID:** | BLOOM_RESP | **Sampling Agency:** | SOROC |

**Location:** Caloosahatchee River - End of Coon Rd

**Comments:** No visible bloom at time of visit

**Field ID:** HAB-SD-100923-1205

**Coordinates:** 26.68505, -81.85042

**WIN Secondary Resource Type:** Canal

**Collection Equip:** WaterBottle

**WIN ID: HAB-SD-0148**

**High Tide Time:**

**Low Tide Time:**

**Matrix:** Fresh | Grab

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

## Water Quality

| Date | Time ■ EST ☐ CEN | D.O. (%) | D.O. (mg/L) | Temp (°C) | pH (SU) | Sample Depth (m) | Total Depth (m) | Secchi Disk (m) | Sp. Cond. (µmho/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/09/2023 | 12:05 | 45.9 | 3.67 | 26.7 | 7.4 | 0.3 | 1 | 0.6 | 394.4 | 0.19 |
| | | | | | | | | | | |
| | | | | | | | | | | |

## Bloom Observations

**Algal Bloom Observed?** ☐ Yes ■ No

**Water Clarity** ☐ Clear ■ Slightly Turbid ☐ Turbid ☐ Opaque
**Bloom Color** ☐ Green ☐ Red ☐ Brown ☐ Other:
**Algae Type** ☐ Planktonic ☐ Filamentous ☐ Other:
**Algae Accumulation** ☐ Mat ☐ Specks ☐ Scum ☐ Glob
**Algae Distribution** ☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☐ Suspended ☐ Benthic ☐ Epiphytic

| Parameter Suite | Parameter Methods | Preservation | pH Check | #Bottles Sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Algae (PT-50mL) | ☐ ALGAL-ID ■ BLOOM-ID | ■ Ice | | 1 | A |
| Chlorophyll (BP-1L) | ■ CHLSUITE-W | ■ Ice | | 1 | A |
| Toxins (P-125/BG-250) | ■ W-MCYST-AA ■ W-SAXTN-MS ☐ OV-TOXN | ■ Ice | | 1 | A |
| Physical/Aggregate | ■ W-COLOR | ■ Ice | | 1 | A |
| Preserved Nutrients (500mL HDPE) | ■ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: SA3013020 Exp: 1/25/24 | ■ Ice ■ H2SO4 | ■ <2 | 1 | A |
| Filtered Nutrients (P125mL) | ■ W-PO4-F ■ Field Filtered 0.45um Filter<br>Filter Lot # 17589311 | ■ Ice | | 1 | A |
| Quantitative Algae | ☐ DTY-QN-C / PKD-QN-C | ☐ Ice ☐ Lugols | | | |

| Relinquished By: | Date/Time | Number of Coolers Shipped | Received By: | Date/Time |
|---|---|---|---|---|
| John Barrington | 10/09/2023 13:00 | 2 | C.P | 10-10-23 / 9:01 |

# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

| | | | |
|---|---|---|---|
| **RQ -** 2023-09-18-61 | | **Collected By:** | John Barrington |
| **Customer:** | SO-DIST | **Field Report Prepared By:** | John Barrington |
| **Project ID:** | BLOOM_RESP | **Sampling Agency:** | SOROC |

**Location:** Hancock Creek - Moody Ramp

**Comments:** No visible bloom at time of visit

**Field ID:** HAB-SD-100923-1055

**Coordinates:** 26.65799, -81.89812

**WIN Secondary Resource Type:** River/Stream

**Collection Equip:** WaterBottle

**WIN ID: HAB-SD-0149**

**High Tide Time:**

**Low Tide Time:**

**Matrix:** Fresh Grab

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

## Water Quality

| Date | Time ■ EST ☐ CEN | D.O. (%) | D.O. (mg/L) | Temp (°C) | pH (SU) | Sample Depth (m) | Total Depth (m) | Secchi Disk (m) | Sp. Cond. (µmho/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/09/2023 | 10:55 | 52.8 | 4.18 | 27.1 | 7.48 | 0.3 | 1.4 | 0.9 | 611 | 0.29 |
| | | | | | | | | | | |
| | | | | | | | | | | |

## Bloom Observations

**Algal Bloom Observed?** ☐ Yes ■ No

**Water Clarity** ☐ Clear ■ Slightly Turbid ☐ Turbid ☐ Opaque
**Bloom Color** ☐ Green ☐ Red ☐ Brown ☐ Other:
**Algae Type** ☐ Planktonic ☐ Filamentous ☐ Other:
**Algae Accumulation** ☐ Mat ☐ Specks ☐ Scum ☐ Glob
**Algae Distribution** ☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☐ Suspended ☐ Benthic ☐ Epiphytic

| Parameter Suite | Parameter Methods | Preservation | pH Check | #Bottles Sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Algae (PT-50mL) | ☐ ALGAL-ID ■ BLOOM-ID | ■ Ice | | 1 | A |
| Chlorophyll (BP-1L) | ■ CHLSUITE-W | ■ Ice | | 1 | A |
| Toxins (P-125/BG-250) | ■ W-MCYST-AA ■ W-SAXTN-MS ☐ OV-TOXN | ■ Ice | | 1 | A |
| Physical/Aggregate | ■ W-COLOR | ■ Ice | | 1 | A |
| Preserved Nutrients (500mL HDPE) | ■ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: SA3013020 Exp: 1/25/24 | ■ Ice ■ H2SO4 | ■ <2 | 1 | A |
| Filtered Nutrients (P125mL) | ■ W-PO4-F | ■ Field Filtered 0.45um Filter<br>Filter Lot # 17589311<br>■ Ice | | 1 | A |
| Quantitative Algae | ☐ DTY-QN-C / PKD-QN-C | ☐ Ice ☐ Lugols | | | |

| Relinquished By: | Date/Time | Number of Coolers Shipped | Received By: | Date/Time |
|---|---|---|---|---|
| John Barrington | 10/09/2023 13:00 | 2 | C.P | 10-10-23 / 9:01 |

# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

| | | | |
|---|---|---|---|
| **RQ -** 2023-09-18-61 | | **Collected By:** | John Barrington |
| **Customer:** | SO-DIST | **Field Report Prepared By:** | John Barrington |
| **Project ID:** | BLOOM_RESP | **Sampling Agency:** | SOROC |

**Location:** Able Canal - Connie Ave N

**Comments:** No visible bloom at time of visit

**Field ID:** HAB-SD-100923-1300

**Coordinates:** 26.62479, -81.66527

**WIN Secondary Resource Type:** Canal

**Collection Equip:** WaterBottle

**WIN ID:** HAB-SD-0146

**High Tide Time:**

**Low Tide Time:**

**Matrix:** Fresh Grab

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

## Water Quality

| Date | Time ■ EST ☐ CEN | D.O. (%) | D.O. (mg/L) | Temp (°C) | pH (SU) | Sample Depth (m) | Total Depth (m) | Secchi Disk (m) | Sp. Cond. (µmho/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/09/2023 | 13:00 | 89.9 | 7.03 | 27.9 | 7.54 | 0.25 | 0.5 | 0.5 | 600 | 0.29 |
| | | | | | | | | | | |
| | | | | | | | | | | |

## Bloom Observations

**Algal Bloom Observed?** ☐ Yes ■ No

**Water Clarity** ☐ Clear ■ Slightly Turbid ☐ Turbid ☐ Opaque
**Bloom Color** ☐ Green ☐ Red ☐ Brown ☐ Other:
**Algae Type** ☐ Planktonic ☐ Filamentous ☐ Other:
**Algae Accumulation** ☐ Mat ☐ Specks ☐ Scum ☐ Glob
**Algae Distribution** ☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☐ Suspended ☐ Benthic ☐ Epiphytic

| Parameter Suite | Parameter Methods | Preservation | pH Check | #Bottles Sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Algae (PT-50mL) | ☐ ALGAL-ID ■ BLOOM-ID | ■ Ice | | 1 | A |
| Chlorophyll (BP-1L) | ■ CHLSUITE-W | ■ Ice | | 1 | A |
| Toxins (P-125/BG-250) | ■ W-MCYST-AA ■ W-SAXTN-MS ☐ OV-TOXN | ■ Ice | | 1 | A |
| Physical/Aggregate | ■ W-COLOR | ■ Ice | | 1 | A |
| Preserved Nutrients (500mL HDPE) | ■ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: SA3013020 Exp: 1/25/24 | ■ Ice ■ H2SO4 | ■ <2 | 1 | A |
| Filtered Nutrients (P125mL) | ■ W-PO4-F ■ Field Filtered 0.45um Filter<br>Filter Lot # 17589311 | ■ Ice | | 1 | A |
| Quantitative Algae | ☐ DTY-QN-C / PKD-QN-C | ☐ Ice ☐ Lugols | | | |

| Relinquished By: | Date/Time | Number of Coolers Shipped | Received By: | Date/Time |
|---|---|---|---|---|
| John Barrington | 10/09/2023 13:00 | 2 | | |

# RQ-2023-09-18-61



Date of Request: 07-SEP-2023
Created By: BARRINGT_J On: 07-SEP-2023
Modified By: JASROTIA_P On: 08-SEP-2023
Customer: SO-DIST
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: Algal Bloom Response -SOROC w/ blank

## Send Coolers To:

Phone: 239-332-6975 SC 748-6975
FDEP SOROC
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Cooler Ship EMail: john.barrington@floridadep.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 08-SEP-2023
Biology Request Reviewed By: JASROTIA_P On: 08-SEP-2023
Sampling Kit Required: YES Ship on: 15-SEP-2023
Sampling Kit Shipped: YES On: 12-SEP-2023
Sampling Kit Packed By: KREUCH_B
Preservatives Needed: NO
Date to Receive Samples: 18-SEP-2023
Logged In By:

## Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Report Notification EMail:
Cheryl.Swanson@dep.state.fl.us;Nicole.Reistad@floridadep.gov;
John.Barrington@floridadep.gov;Samantha.Gelinas@floridadep.
gov;Monica.Jaeger@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 toxins, nutrients, chlorophyll,

Bottle Group C - Priority 1
Blank for toxins and nutrients

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 ship with a minimum of 3 coolers

## Bottle Group A (Biological) With 8 Samples:

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

## Bottle Group B (Water) With 8 Samples:

Bottle Type: BP-1L Number of Bottles: 8 Preserved With: ICE
CHLSUITE-W Template: DEFAULT (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML Number of Bottles: 8 Preserved With: ICE
W-COLOR Template: DEFAULT (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)
Bottle Type: P-125ML Number of Bottles: 8 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS Template: DEFAULT (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS
Bottle Type: P-500ML Number of Bottles: 8 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

## Bottle Group B (Water) With 8 Samples:

Bottle Type: P-500ML Number of Bottles: 8 Preserved With: ICE And H2SO4

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

Bottle Type: P-125ML Number of Bottles: 8 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 |

## Bottle Group C (Water) With 1 Samples:

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: ICE

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