

# Login Checklist

RQ- 2022-10-31-47

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11 / 22 @ 9:15

| *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 |                    |
| 1-1                 |                 |                                        |          | 7                                     |               | X  |          |    | 586947290363       |
| 1-4                 |                 |                                        |          | 8                                     |               | X  |          |    | 585947290087       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 \_\_\_\_\_ No \_\_\_\_\_ NA X 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: 11/ 4 /22

Event contains NCRs(Y/N)? N

EventID: CEN-DIST-2022-11-04-02 (SMP)  
Date Received: 04-NOV-2022 09:15

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                    |
|--------------------------|--------------------|
| Infrared Thermometer ID: | 221426058 10/17/23 |
| pH Test Strips 0 – 6     | 223819AV 08/30/23  |
| pH Paper 0 – 3           | NA                 |
| pH Paper 0 – 13          | 210620 4/15/2023   |
| Chlorine Test Strips     | 0070 02/2023       |

### 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# \_\_\_\_\_



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End of Day CCV

Yes ☒ No ☐

WIN Station Name: Lake Ann @ Center

Date: 11-03-22

WIN/Field ID: G2CE0097

WBID: 2997B1

ENR: -

Latitude: 28.6272

County: SEMINOLE

Org ID: 21FLCEN

Longitude: -81.31

Receiving Body of Water: Middle St. Johns

RQ: 2022-10-31-47

| Sampling Team Members | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                       |                                     |                                     |                                     |                                     |                                     |
| Cheyenne Hammell      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Henry Lopez           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                 |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn               |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                   |
| Depth measured with: <u>Depth Finder</u>             |                                                 |
| Equipment ID: _____                                  |                                                 |
| Collection Method                                    |                                                 |
| <input type="checkbox"/> Wading                      | <input checked="" type="checkbox"/> Canoe/Kayak |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor         |
| <input type="checkbox"/> Other _____                 | <input type="checkbox"/> Gasoline Motor         |

|                                                                                                                                                                                                                                                                 |          |          |             |  |  |            |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-------------|--|--|------------|--|--|--|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |          |          |             |  |  | Meter ID#  |  |  |  |
|                                                                                                                                                                                                                                                                 |          |          |             |  |  | 11-Maggie  |  |  |  |
| Photos: No                                                                                                                                                                                                                                                      | Flow: NA | Tide: NA | Tide Times: |  |  | High: Low: |  |  |  |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |          |          |             |  |  |            |  |  |  |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |          |          |             |  |  |            |  |  |  |
| Notes:                                                                                                                                                                                                                                                          |          |          |             |  |  |            |  |  |  |

## Duplicate Sample

|                            |             |                 |              |
|----------------------------|-------------|-----------------|--------------|
| Time Zone: EST             | Time: _____ | Field ID: _____ | (WIN ID_DUP) |
| WIN DMT Activity ID: _____ |             |                 |              |

## Blank

|                               |                          |                 |                        |
|-------------------------------|--------------------------|-----------------|------------------------|
| Time Zone: _____              | Time: _____              | Field ID: _____ | (Blank Type_DDDMMYYYY) |
| DI Source: _____              | Location: _____          |                 |                        |
| DI Type: _____                | Equipment ID: _____      |                 |                        |
| DI Container (Name/ID): _____ | DI Container Type: _____ |                 |                        |

CEROC - DO NOT ENTER FIELD DATA INTO LIMS

LIMS EVENT ID: \_\_\_\_\_ WIN Import ID: \_\_\_\_\_

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

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets \_\_\_\_\_ Migrate Data to WIN: \_\_\_\_\_ Verify Data In WIN: \_\_\_\_\_

(Initials/Date)

(Initials/Date)

(Initials/Date)



RQ-2022-10-31-47

Customer: WQAP

Project ID: SMP

Collected By: Henry Lopez

Field Report Prepared By: Henry Lopez

Sampling Agency: Seminole County

Place Label Here

WIN ID/Field ID:



G2CE0097

Location: Lake Ann @ Center

Comments: Please log in PKD-QN-BV, DTY-QN-C under a separate event with priority 12.

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date       | Time      | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                         | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|------------|-----------|-----------|-----------|------------|------|------------------|-----------------------------------------|-----------------|--------------------|----------------|
| 11-03-2022 | 12:20 EST | 12.15     | 152.2     | 26.97      | 7.18 | 0.3              | 1.0<br><input type="checkbox"/> VOB (S) | 3.6             | 118                |                |
|            |           |           |           |            |      |                  |                                         |                 |                    |                |
|            | EST       |           |           |            |      |                  |                                         |                 |                    |                |

Central Lab please use top row for login purposes

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                                                                                                                                                                                          | Preservation                                                                                                   | pH Check | # Bottles sent to Lab | Bottle Group |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA2229010 Exp: 8/30/23                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* <input type="checkbox"/> K2 |          | 1                     | A            |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # Exp:                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3* <input type="checkbox"/> K2                        |          |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # 2090604 (S) 17413308                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Ice<br>Syringe Lot # 2090604                                               |          | 1                     | A            |
| BOD (BP-1L)                        | <input type="checkbox"/> OV-BODUNIN                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                                                        |          | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHIC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                                                        |          | 1                     | A            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Formalin                                                                              |          |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> Coli <input type="checkbox"/> Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                                                                                                                                               | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                                                   |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-CT-CL-R<br><input checked="" type="checkbox"/> W-PCL-TQ-R <input checked="" type="checkbox"/> W-CAR8-AA (5 ml of MCAA** Buffer Solution) <input checked="" type="checkbox"/> W-TR-SQ-R<br><input checked="" type="checkbox"/> W-PCB-TQ-R | <input checked="" type="checkbox"/> Ice                                                                        |          | 10                    | A            |
| Phytoplankton/Periphyton           | <input checked="" type="checkbox"/> DTY-QN-C <input checked="" type="checkbox"/> PKD-QN-BV                                                                                                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Ice                                                                        |          | 1                     | B            |

MCAA Exp.

2/4/23

MCAA Lot#

128343

Date:

11-03-2022

Signature:

Henry Lopez

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

## RQ-2022-10-31-47

Printed: 10/24/2022 3:46:33 PM

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Date of Request: 18-OCT-2022  
Created By: BEARDEN\_M On: 18-OCT-2022  
Modified By: AYRES\_J On: 20-OCT-2022  
Customer: CEN-DIST  
Project: SMP  
Division: Division of Environmental Assessment and Restoration  
District: Central District  
Event Description: Lake Ann - Seminole Co Sampling

### Send Coolers To:

Phone: 407-897-4123  
FL Dept. of Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Attn: Matthew Bearden  
Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3  
Event Status: A  
Criminal Investigation: NO  
Chemistry Request Reviewed By: AYRES\_J On: 20-OCT-2022  
Biology Request Reviewed By: AYRES\_J On: 20-OCT-2022  
Sampling Kit Required: NO Ship on:  
Sampling Kit Shipped:  
Sampling Kit Packed By:  
Preservatives Needed: NO  
Date to Receive Samples: 04-NOV-2022  
Logged In By:

### Send Final Report To:

FL Dept. of Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Attn: Matthew Bearden  
Report Notification EMail:  
matthew.bearden@floridadep.gov; victoria.schwartz@floridadep.gov

Comments: Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - B

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

|                            |                      |                                                                                                              |
|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                 | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| Total Alkalinity           |                      |                                                                                                              |
| TURBIDITY                  | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| Turbidity                  |                      |                                                                                                              |
| W-CL-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| Chloride                   |                      |                                                                                                              |
| W-COLOR                    | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                           |
| Color (true)               |                      |                                                                                                              |
| W-F                        | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| Fluoride                   |                      |                                                                                                              |
| W-SO4-IC                   | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| Sulfate                    |                      |                                                                                                              |
| W-TDS                      | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                  |
| TDS                        |                      |                                                                                                              |
| W-TSS                      | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| TSS                        |                      |                                                                                                              |
| 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-a, Corrected   |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected |                      |                                                                                                              |
| Phaeophytin-a              |                      |                                                                                                              |
| Bottle Type: BG-500ML      | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                               |
| W-CARB-AA                  | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| 3-Hydroxycarbofuran        |                      |                                                                                                              |
| Aldicarb                   |                      |                                                                                                              |

## RQ-2022-10-31-47

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

|                               |                      |                                                                                                   |                  |
|-------------------------------|----------------------|---------------------------------------------------------------------------------------------------|------------------|
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                    | MCAA BUFFER SOL. |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                            | SER: # 128343    |
| Aldicarb Sulfone              |                      |                                                                                                   | EXP: 02/04/2023  |
| Aldicarb Sulfoxide            |                      |                                                                                                   |                  |
| Carbaryl                      |                      |                                                                                                   |                  |
| Carbofuran                    |                      |                                                                                                   |                  |
| Methiocarb                    |                      |                                                                                                   |                  |
| Methomyl                      |                      |                                                                                                   |                  |
| Oxamyl                        |                      |                                                                                                   |                  |
| Propoxur                      |                      |                                                                                                   |                  |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                               |                  |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |                  |
| Chlordane                     |                      |                                                                                                   |                  |
| Toxaphene                     |                      |                                                                                                   |                  |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                    |                  |
| PCB-1016                      |                      |                                                                                                   |                  |
| PCB-1221                      |                      |                                                                                                   |                  |
| PCB-1232                      |                      |                                                                                                   |                  |
| PCB-1242                      |                      |                                                                                                   |                  |
| PCB-1248                      |                      |                                                                                                   |                  |
| PCB-1254                      |                      |                                                                                                   |                  |
| PCB-1260                      |                      |                                                                                                   |                  |
| W-PCL-TQ-R                    | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS      |                  |
| *Hexachlorobenzene            |                      |                                                                                                   |                  |
| Aldrin                        |                      |                                                                                                   |                  |
| Alpha-BHC                     |                      |                                                                                                   |                  |
| Alpha-Chlordane               |                      |                                                                                                   |                  |
| Beta-BHC                      |                      |                                                                                                   |                  |
| Beta-Cyfluthrin               |                      |                                                                                                   |                  |
| Bifenthrin                    |                      |                                                                                                   |                  |
| Chlorothalonil                |                      |                                                                                                   |                  |
| Cis-Nonachlor                 |                      |                                                                                                   |                  |
| Cypermethrin                  |                      |                                                                                                   |                  |
| Dacthal                       |                      |                                                                                                   |                  |
| DDD-p,p'                      |                      |                                                                                                   |                  |
| DDE-p,p'                      |                      |                                                                                                   |                  |
| DDT-p,p'                      |                      |                                                                                                   |                  |
| Delta-BHC                     |                      |                                                                                                   |                  |
| Deltamethrin                  |                      |                                                                                                   |                  |
| Dichlobenil                   |                      |                                                                                                   |                  |
| Dicofol                       |                      |                                                                                                   |                  |
| Dieldrin                      |                      |                                                                                                   |                  |
| Endosulfan I                  |                      |                                                                                                   |                  |
| Endosulfan II                 |                      |                                                                                                   |                  |
| Endosulfan Sulfate            |                      |                                                                                                   |                  |
| Endrin                        |                      |                                                                                                   |                  |
| Endrin Aldehyde               |                      |                                                                                                   |                  |
| Endrin Ketone                 |                      |                                                                                                   |                  |
| Esfenvalerate                 |                      |                                                                                                   |                  |
| Ethalfuralin                  |                      |                                                                                                   |                  |
| Fenpropathrin                 |                      |                                                                                                   |                  |
| Gamma-BHC                     |                      |                                                                                                   |                  |
| Gamma-Chlordane               |                      |                                                                                                   |                  |
| Heptachlor                    |                      |                                                                                                   |                  |
| Heptachlor Epoxide            |                      |                                                                                                   |                  |
| Kepone                        |                      |                                                                                                   |                  |
| Lambda-Cyhalothrin            |                      |                                                                                                   |                  |
| Methoprene                    |                      |                                                                                                   |                  |
| Methoxychlor                  |                      |                                                                                                   |                  |
| MGK-264                       |                      |                                                                                                   |                  |

**Bottle Group A (Water) With 1 Samples:**

Bottle Type: BG-500ML FILL TO      Number of Bottles: 4      Preserved With: ICE  
 W-PCL-TQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS  
 Mirex  
 Oxychlordane  
 Permethrin  
 Phenothrin  
 Piperonyl Butoxide  
 Prallethrin  
 Tau-Fluvalinate  
 Tetramethrin  
 Trans-Nonachlor  
 Triclosan Methyl  
 Trifluralin

Bottle Type: BG-500ML      Number of Bottles: 1      Preserved With: ICE  
 W-E8321-DI      Template: DEFAULT      (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
 Acesulfame K  
 AMPA  
 Endothall  
 Glufosinate  
 Glyphosate  
 Sucralose

W-E8321-MS      Template: SMP      (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
 2,4-D  
 2,4,5-T  
 Acetaminophen  
 Acetamiprid  
 Afidopyropen  
 Bentazon  
 Benzovindiflupyr  
 Carbamazepine  
 Clothianidin  
 Dinotefuran  
 Diuron  
 Fenuron  
 Fluridone  
 Hydrocodone  
 Ibuprofen  
 Imazapyr  
 Imidacloprid  
 Linuron  
 Mandestrobin  
 MCPP  
 Naproxen  
 Primidone  
 Pyraclostrobin  
 Silvex  
 Thiamethoxam  
 Tolfenpyrad  
 Triclopyr

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  
 W-TOC      Template: DEFAULT      (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices  
 Organic Carbon

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: FILTER-ICE

**Bottle Group A (Water) With 1 Samples:**

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  
 O-Phosphate-P

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
 W-PSNP-TQ      Template: DEFAULT      (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

\*Caffeine  
 \*Fipronil Desulfinyl  
 \*Loratadine  
 \*Phenytoin  
 Acetochlor  
 Alachlor  
 Ametryn  
 Atrazine  
 Atrazine Desethyl  
 Azinphos Methyl  
 Azoxystrobin  
 Bromacil  
 Butylate  
 Carbophenothion  
 Carfentrazone Ethyl  
 Chlorfenapyr  
 Chlorpyrifos Ethyl  
 Chlorpyrifos Methyl  
 Coumaphos  
 Cyanazine  
 Cyprodinil  
 Demeton  
 Diazinon  
 Difenconazole  
 Dimethenamid  
 Dimethomorph  
 Disulfoton  
 Dithiopyr  
 EPTC  
 Ethion  
 Ethoprop  
 Etridiazole  
 Fenamiphos  
 Fenbuconazole  
 Fipronil  
 Fipronil Sulfide  
 Fipronil Sulfone  
 Fluzifop-P-butyl  
 Fludioxonil  
 Flumioxazin  
 Flutolanil  
 Fluxapyroxad  
 Fonofos  
 Hexazinone  
 Imazalil  
 Iprodione  
 Malathion  
 Metalaxyl  
 Metolachlor  
 Metribuzin  
 Mevinphos  
 Molinate  
 Myclobutanil  
 Naled  
 Napropamide  
 Norflurazon

**Bottle Group A (Water) With 1 Samples:**

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
 W-PSNP-TQ      Template: DEFAULT      (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Oxadiazon  
 Oxyfluorfen  
 Parathion Ethyl  
 Parathion Methyl  
 Pendimethalin  
 Phorate  
 Prodiamine  
 Prometon  
 Prometryn  
 Pronamide  
 Propanil  
 Propargite  
 Propiconazole  
 Pyraflufen Ethyl  
 Pyridaben  
 Pyriproxyfen  
 Simazine  
 Stirophos  
 Sulfentrazone  
 Tebuconazole  
 Terbufos  
 Terbutylazine  
 Thiobencarb  
 Triadimefon

W-TR-SQ-R      Template: DEFAULT      (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

\*2-Ethylhexyl 2,3,4,5-tetrabromobenzoate (EHTBB)  
 \*Avobenzene  
 \*Dechlorane Plus  
 \*Octinoxate  
 \*Oxybenzone  
 \*PBDE-47  
 \*PBDE-99  
 \*Tri-o-cresyl Phosphate

**Bottle Group B (Water) With 1 Samples:**

Bottle Type: BP-1L      Number of Bottles: 1      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-BV      Template: DEFAULT      (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts.

\*Phytoplankton-Quant Biovolume-#Wet Taxa

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

