# Login Checklist

RQ- 2023-05-15-05

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 05/16/23 @0923

| *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 | |
| 1.8 | | | | 9 | | x | | | 585947354060 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**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_____ 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_____Init: BKK

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_____Init: BKK

**W-1-4-DIOX *(Green dot on container)* preserved to pH< 4.0? Yes_____No_____NA_____Init: BKK

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

**Coolers Unpacked/Checked by:** BKK **Date:** 05/16/23 **Event contains NCRs (Y/N)?** _____

**Event ID:** Run 6
SW-DIST-2023-05-16-03 (SMP)
Date Received: 16-MAY-2023 09:23

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| **Infrared Thermometer ID:** | IR TEMP GUN #3 Exp:10/17/2023 |
| **pH Test Strips 0 – 6** | Lot#223819AV \| Exp:8/30/23 |
| **pH Paper 0 – 3** | |
| **pH Paper 0 – 13** | Lot#210620 \| Exp:3/15/24 |
| **Chlorine Test Strips** | Lot#1196 \| Exp:2/24 |

**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#** _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

| | | | |
|---|---|---|---|
| **Date:** | 5/15/2023 | **Collected By:** | Ben Paswater, Ken Turman |
| **Customer:** | SW-DIST | **Sampling Agency:** | FDEP |
| **RQ:** | RQ-2023-05-15-05 | **Project ID:** | SMP |

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped**: 2 **Delivery Method:** FedEx

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location | Field ID/WIN ID |
|---|---|
| RECLAIMED MINE CUT LAKE SE | G3SW0074 |
| LAKE GARFIELD DRAIN AT SNELL RD | G3SW0106 |
| FB | FB_05152023 |
| LAKE EFFIE AT CENTER | G3SW0050 |
| LAKE LEONORE AT CENTER | G4SW0117 |

**RELINQUISHED BY(SIGNATURE):**

**DATE/TIME:** 5/15/2023
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** Brian Kreuch **Rec'd/Inspected Date:** 5/16/23 0923

| | |
|---|---|
| RQ-2023-05-15-05 | **Collected By**: Ben Paswater, Ken Turman |
| **Customer**: FDEP | **Field Report Prepared by**: Ben Paswater, Ken Turman |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G3SW0074 | **Comments:** |
| **Location**: RECLAIMED MINE CUT LAKE SE | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|
| 5/15/2023 1100 | 8.43 | 106.6 | 27.5 | 9.39 | 0.3 | 0.5 | 1.2 | 168.4 | 0.08 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP; Lot # SA3013020; Exp: 01/25/24 | X Ice X H2SO4* | X <2 | 1 | D |
| Metals (P-500ML) | W-ICPMS / W-ICP / W-HARD; Lot #; Exp: | Ice / HNO3* | <2 | | |
| Filtered Nutrients (P125ML) | W-PO4-F; Field Filtered 0.45 um Filter; Filter Lot #; Syringe Lot # | Ice | | | |
| BOD (BP-1L) | OV-BODUNIN | Ice | | | |
| Chlorophyll (BP-1L) | X CHLSUITE-W | X Ice | | 1 | D |
| Physical/Aggregate (Fresh) (P-1L) | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | X Ice | | 1 | D |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY | Ice | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC; Formalin Lot # | Formalin | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | |
| Microbiology (Contract Lab Bottle) | E Coli / F Coli / Enterococci; Contract Lab | Ice | | | |
| Molecular (QPCR-P-500ML) | PCR-HF183 / PCR-BacR / PCR-DG3; PCR-GULL2 / PCR-GFD | Ice | | | |
| Tracers (BG-500ML) | W-E8321-DI / W-E8321-MS | Ice | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI / W-E8321-MS / W-PSNP-TQ; W-PCL-TQ-R / W-CARB-AA (5 ml of MCAA Buffer Solution) / W-CT-CL-R; W-TR-SQ-R / W-PCB-TQ-R | Ice; MCAA Exp.; MCAA Lot# | | | |
| Phytoplankton | DTY-QN-C / PKD-QN-BV | Ice | | | |
| DOC | W-DOC; Field Filtered 0.45 um Filter; Acid Preservative Expiration Date; Acid Preservative Lot Number | Ice / H2SO4*; | <2 | | |

| | |
|---|---|
| RQ-2023-05-15-05 | **Collected By**: Ben Paswater, Ken Turman |
| **Customer**: FDEP | **Field Report Prepared by**: Ben Paswater, Ken Turman |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G3SW0106 | **Comments:** |
| **Location**: LAKE GARFIELD DRAIN AT SNELL RD | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|
| 5/15/2023 1140 | 7.68 | 90.7 | 23.6 | 6.25 | 0.15 | 0.3 | 0.3 | 132.7 | 0.06 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA3013020 Exp: | X Ice X H2SO4*<br>01/25/24 | X <2 | 1 | C |
| Metals (P-500ML) | W-ICPMS W-ICP W-HARD<br>Lot # Exp: | Ice HNO3* | <2 | | |
| Filtered Nutrients (P125ML) | W-PO4-F Field Filtered 0.45 um Filter<br>Filter Lot # Syringe Lot # | Ice | | | |
| BOD (BP-1L) | OV-BODUNIN | Ice | | | |
| Chlorophyll (BP-1L) | X CHLSUITE-W | X Ice | | 1 | C |
| Physical/Aggregate (Fresh) (P-1L) | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | X Ice | | 1 | C |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY | Ice | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC Formalin Lot # | Formalin | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | |
| Microbiology (Contract Lab Bottle) | X E Coli F Coli Enterococci<br>Contract Lab | X Ice | | 1 | C |
| Molecular (QPCR-P-500ML) | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD | Ice | | | |
| Tracers (BG-500ML) | X W-E8321-DI X W-E8321-MS | X Ice | | 1 | C |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. | MCAA Lot# | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | |
| DOC | W-DOC Field Filtered 0.45 um Filter<br>Acid Preservative Expiration Date<br>Acid Preservative Lot Number | Ice H2SO4*<br> | <2 | | |

| | |
|---|---|
| RQ-2023-05-15-05 | **Collected By:** Ben Paswater, Ken Turman |
| **Customer:** FDEP | **Field Report Prepared by:** Ben Paswater, Ken Turman |
| **Project ID:** SMP | **Sampling Agency:** FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** FB_05152023 | **Comments:** |
| **Location:** FB | |
| Matrix: W-FIELD-BLANK | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|
| 5/15/2023 1150 | | | | | | | | | |

| Parameter Suite | Parameter Methods | Preservation | pH Check | | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA3013020 Exp: 01/25/24 | X Ice X H2SO4* | X | <2 | 1 | C |
| Metals (P-500ML) | W-ICPMS W-ICP W-HARD<br>Lot # Exp: | Ice HNO3* | | <2 | | |
| Filtered Nutrients (P125ML) | W-PO4-F Field Filtered 0.45 um Filter<br>Filter Lot # Syringe Lot # | Ice | | | | |
| BOD (BP-1L) | OV-BODUNIN | Ice | | | | |
| Chlorophyll (BP-1L) | CHLSUITE-W | Ice | | | | |
| Physical/Aggregate (Fresh) (P-1L) | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | X Ice | | | 1 | C |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY | Ice | | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC **Formalin Lot #** | Formalin | | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | | |
| Microbiology (Contract Lab Bottle) | E Coli F Coli Enterococci<br>Contract Lab | Ice | | | | |
| Molecular (QPCR-P-500ML) | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD | Ice | | | | |
| Tracers (BG-500ML) | X W-E8321-DI X W-E8321-MS | X Ice | | | 1 | C |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice **MCAA Exp.** | **MCAA Lot#** | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | | |
| DOC | W-DOC<br>Field Filtered 0.45 um Filter<br>**Acid Preservative Expiration Date**<br>**Acid Preservative Lot Number** | Ice H2SO 4* | | <2 | | |

| | |
|---|---|
| RQ-2023-05-15-05 | **Collected By:** Ben Paswater, Ken Turman |
| **Customer:** FDEP | **Field Report Prepared by:** Ben Paswater, Ken Turman |
| **Project ID:** SMP | **Sampling Agency:** FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G3SW0050 | **Comments:** Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - B. \| |
| **Location:** LAKE EFFIE AT CENTER | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|
| 5/15/2023 1300 | 10.34 | 132.9 | 28.3 | 8.96 | 0.3 | 0.4 | 1 | 412.1 | 0.2 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA3013020 Exp: 01/25/24 | X Ice X H2SO4* | X | <2 | 1 | A |
| Metals (P-500ML) | W-ICPMS W-ICP W-HARD<br>Lot # Exp: | Ice HNO3* | | <2 | | |
| Filtered Nutrients (P125ML) | X W-PO4-F X Field Filtered 0.45 um Filter<br>Filter Lot # 17232873 Syringe Lot # 1145497 | X Ice | | | 1 | A |
| BOD (BP-1L) | OV-BODUNIN | Ice | | | | |
| Chlorophyll (BP-1L) | X CHLSUITE-W | X Ice | | | 1 | A |
| Physical/Aggregate (Fresh) (P-1L) | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | X Ice | | | 1 | A |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY | Ice | | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC Formalin Lot # | Formalin | | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | | |
| Microbiology (Contract Lab Bottle) | E Coli F Coli Enterococci<br>Contract Lab | Ice | | | | |
| Molecular (QPCR-P-500ML) | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD | Ice | | | | |
| Tracers (BG-500ML) | W-E8321-DI W-E8321-MS | Ice | | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. | MCAA Lot# | | | |
| Phytoplankton | X DTY-QN-C X PKD-QN-BV | X Ice | | | 1 | B |
| DOC | W-DOC Field Filtered 0.45 um Filter<br>Acid Preservative Expiration Date<br>Acid Preservative Lot Number | Ice H2SO4* | | <2 | | |

| | |
|---|---|
| RQ-2023-05-15-05 | **Collected By**: Ben Paswater, Ken Turman |
| **Customer**: FDEP | **Field Report Prepared by**: Ben Paswater, Ken Turman |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G4SW0117 | **Comments:** |
| **Location**: LAKE LEONORE AT CENTER | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|
| 5/15/2023 1400 | 9.09 | 129.1 | 28.9 | 8.86 | 0.3 | 0.7 | 2.8 | 335.3 | 0.16 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA3013020 Exp: 01/25/24 | X Ice X H2SO4* | X | <2 | 1 | D |
| Metals (P-500ML) | W-ICPMS W-ICP W-HARD<br>Lot # Exp: | Ice HNO3* | | <2 | | |
| Filtered Nutrients (P125ML) | W-PO4-F Field Filtered 0.45 um Filter<br>Filter Lot # Syringe Lot # | Ice | | | | |
| BOD (BP-1L) | OV-BODUNIN | Ice | | | | |
| Chlorophyll (BP-1L) | X CHLSUITE-W | X Ice | | | 1 | D |
| Physical/Aggregate (Fresh) (P-1L) | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | X Ice | | | 1 | D |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY | Ice | | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC Formalin Lot # | Formalin | | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | | |
| Microbiology (Contract Lab Bottle) | E Coli F Coli Enterococci<br>Contract Lab | Ice | | | | |
| Molecular (QPCR-P-500ML) | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD | Ice | | | | |
| Tracers (BG-500ML) | W-E8321-DI W-E8321-MS | Ice | | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. | MCAA Lot# | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | | |
| DOC | W-DOC<br>Field Filtered 0.45 um Filter<br>Acid Preservative Expiration Date<br>Acid Preservative Lot Number | Ice H2SO4* | | <2 | | |

# RQ-2023-05-15-05



Date of Request: 13-JAN-2023
Created By: PASWATER_B On: 13-JAN-2023
Modified By: JASROTIA_P On: 26-APR-2023
Customer: SW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southwest District
Event Description: Run 6

**Send Coolers To:**

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Ben Paswater
Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 25-APR-2023
Biology Request Reviewed By: JASROTIA_P On: 26-APR-2023
Sampling Kit Required: YES Ship on: 05-MAY-2023
Sampling Kit Shipped: YES On: 01-MAY-2023
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 15-MAY-2023
Logged In By:

**Send Final Report To:**

13051 N. Telecom Parkway

Temple Terrace, FL 33637-0926
Attn: Ben Paswater
Report Notification EMail:
benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us
;Devin.Mathias@FloridaDEP.gov

Comments: Leonore Effie Garfield Drain Reclaimed

## 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 CaCO3/L |
| TURBIDITY | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices |
| W-CL-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices |
| W-COLOR Color (true) | Template: DEFAULT | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring) |
| W-F | Template: DEFAULT | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices |
| W-TDS | Template: DEFAULT | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices |
| W-TSS | Template: DEFAULT | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

| | | |
|---|---|---|
| CHLSUITE-W | Template: DEFAULT | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

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 |
| W-TOC | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon 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 |

## 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. |
| PKD-QN-BV | Template: DEFAULT | (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts. |

## Bottle Group C (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4

## Bottle Group C (Water) With 2 Samples:

| | | | |
|---|---|---|---|
| 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 |
| W-TOC | Template: DEFAULT | (SM 5310 B-2011) | Nonpurgeable Organic Carbon in aqueous matrices |
| Bottle Type: P-1L | | Number of Bottles: 2 | Preserved With: ICE |
| ALKALINITY | Template: DEFAULT | (SM 2320 B-2011) | Alkalinity in aqueous matrices as mg CaCO3/L |
| TURBIDITY | Template: DEFAULT | (EPA 180.1 Rev. 2.0) | Turbidity in aqueous matrices |
| W-CL-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) | Chloride in aqueous matrices |
| 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) |
| W-SO4-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) | Sulfate in aqueous matrices |
| W-TDS | Template: DEFAULT | (SM 2540 C-2015) | Total Dissolved Solids in aqueous matrices |
| W-TSS | Template: DEFAULT | (SM 2540 D-2015) | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |
| Bottle Type: BP-1L | | Number of Bottles: 2 | Preserved With: ICE |
| CHLSUITE-W | Template: DEFAULT | (SM 10150 B) | Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI | | Number of Bottles: 2 | Preserved With: ICE |
| ECOLI-18QT | Template: DEFAULT | (SM 9223 B Quanti-Tray) | Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: BG-500ML | | Number of Bottles: 2 | Preserved With: ICE |
| W-E8321-DI | Template: DEFAULT | (EPA 8321B) | Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS | Template: SMP | (EPA 8321B) | Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

## Bottle Group D (Water) With 2 Samples:

| | | | |
|---|---|---|---|
| Bottle Type: P-1L | | Number of Bottles: 2 | Preserved With: ICE |
| ALKALINITY | Template: DEFAULT | (SM 2320 B-2011) | Alkalinity in aqueous matrices as mg CaCO3/L |
| TURBIDITY | Template: DEFAULT | (EPA 180.1 Rev. 2.0) | Turbidity in aqueous matrices |
| W-CL-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) | Chloride in aqueous matrices |
| 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) |
| W-SO4-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) | Sulfate in aqueous matrices |
| W-TDS | Template: DEFAULT | (SM 2540 C-2015) | Total Dissolved Solids in aqueous matrices |
| W-TSS | Template: DEFAULT | (SM 2540 D-2015) | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |
| Bottle Type: BP-1L | | Number of Bottles: 2 | Preserved With: ICE |
| CHLSUITE-W | Template: DEFAULT | (SM 10150 B) | Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| 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 |
| W-TOC | Template: DEFAULT | (SM 5310 B-2011) | Nonpurgeable Organic Carbon in aqueous matrices |

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