

# Login Checklist

RQ- 2023-01-09-46

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 01/12 /2023 9:09

| *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 |                                  |
| 2.6<br>2.4          |                 |                                        |          | 8<br>7                                |               | X<br>X |          |    | 5859 4731 9149<br>5859 4731 9138 |
|                     |                 |                                        |          |                                       |               |        |          |    |                                  |
|                     |                 |                                        |          |                                       |               |        |          |    |                                  |
|                     |                 |                                        |          |                                       |               |        |          |    |                                  |
|                     |                 |                                        |          |                                       |               |        |          |    |                                  |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> 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 ✓ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X 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: R

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: R

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: R

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: R

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

Coolers Unpacked/Checked by: R

Date: 01/12 /2023

Event contains NCRs(Y/N)? N

Event ID: LSJR Hastings 2023  
NE-DIST-2023-01-12-01 (SMP)

Date Received: 12-JAN-2023 09:09

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #4 Exp:10/17/2023   |
| <b>pH Test Strips 0 – 6</b>     | LOT# 223819AV Exp: AUG 30, 2023 |
| <b>pH Paper 0 – 3</b>           | N/A                             |
| <b>pH Paper 0 – 13</b>          | LOT# 207621 Exp: March 15, 2024 |
| <b>Chlorine Test Strips</b>     | LOT# 0070 Exp: Feb. 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  
CHAIN OF CUSTODY FORM

**Date:** 1/11/2023      **Collected By:** Jeremy Parrish, Katherine Halbert  
**Customer:** NE-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-01-09-46      **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                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| Sixteen Mile Creek at Ashley St.   | <br>20030688   |
| MILL BR. @ OLD SAN MATEO RD.       | <br>20030577   |
| Cow creek at Putnam county blvd.   | <br>G2NE1143 |
| Unnamed Ditch at Cowpen Branch Rd. | <br>G2NE1222 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/11/2023  
1630 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date:

1-12-2023



RQ-2023-01-09-46

Customer: FDEP

Project ID: SMP

Collected By: Jeremy Parrish, Katherine Halbert

Field Report Prepared by: Jeremy Parrish,  
Katherine Halbert

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: 20030688

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Sixteen Mile Creek at Ashley St.

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 (PPT) |
|------------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------|----------|------------------|--------------|-----------------|-----------------------|----------------|
| 1/11/2023<br>1025                  | 9.92                                                                         | 97.1                                     | 14.2        | 7.93     | 0.133            | 0.256        | 0.256           | 1355                  | 0.68           |
| Parameter Suite                    | Parameter Methods                                                            |                                          |             |          | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |             |          | Ice H2SO4*       |              | <2              |                       |                |
|                                    | Lot #                                                                        |                                          | Exp:        |          |                  |              |                 |                       |                |
| Metals (P-500ML)                   | W-ICPMS W-ICP W-HARD                                                         |                                          |             |          | Ice HNO3*        |              | <2              |                       |                |
|                                    | Lot #                                                                        |                                          | Exp:        |          |                  |              |                 |                       |                |
| Filtered Nutrients (P125ML)        | W-PO4-F Field Filtered 0.45 um Filter                                        |                                          |             |          | Ice              |              |                 |                       |                |
|                                    | Filter Lot #                                                                 | Syringe Lot #                            |             |          |                  |              |                 |                       |                |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                          |             |          | Ice              |              |                 |                       |                |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                          |             |          | Ice              |              |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |             |          | Ice              |              |                 |                       |                |
| 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 | X Ice    |                  |              |                 | 1                     | D              |
|                                    | Contract Lab                                                                 |                                          |             |          |                  |              |                 |                       |                |
| Molecular (QPCR-P-500ML)           | X PCR-HF183                                                                  | X PCR-BacR                               | X PCR-DG3   | X Ice    |                  |              |                 | 1                     | D              |
|                                    | PCR-GULL2                                                                    |                                          | PCR-GFD     |          |                  |              |                 |                       |                |
| Tracers (BG-500ML)                 | X W-E8321-D1                                                                 | X W-E8321-MS                             |             | X Ice    |                  |              |                 | 1                     | D              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-D1                                                                   | W-E8321-MS                               | W-PSNP-TQ   | Ice      | MCAA Exp.        | MCAA Lot#    |                 |                       |                |
|                                    | 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                               |             |          |                  |              |                 |                       |                |
| Phytoplankton                      | DTY-QN-C                                                                     | PKD-QN-BV                                |             | Ice      |                  |              |                 |                       |                |
| DOC                                | W-DOC                                                                        | Field Filtered 0.45 um Filter            |             | Ice      | H2SO4*           |              | <2              |                       |                |
|                                    |                                                                              | Acid Preservative Expiration Date        |             |          |                  |              |                 |                       |                |
|                                    |                                                                              | Acid Preservative Lot Number             |             |          |                  |              |                 |                       |                |



RQ-2023-01-09-46

Customer: FDEP

Project ID: SMP

Collected By: Jeremy Parrish, Katherine Halbert

Field Report Prepared by: Jeremy Parrish,  
Katherine Halbert

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: 20030577

Location: MILL BR. @ OLD SAN MATEO 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) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|-----------------|
| 1/11/2023<br>1105   | 8.19      | 77.7      | 12.8     | 7.2 | 0.3              | 0.7          | 0.863           | 1873               | 0.96            |

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



|                  |                                                             |
|------------------|-------------------------------------------------------------|
| RQ-2023-01-09-46 | Collected By: Jeremy Parrish, Katherine Halbert             |
| Customer: FDEP   | Field Report Prepared by: Jeremy Parrish, Katherine Halbert |
| Project ID: SMP  | Sampling Agency: FDEP                                       |

WIN ID/Field ID:



WIN ID/Field ID: G2NE1143

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Cow creek at Putnam county blvd.

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 (PPT <sub>h</sub> ) |                       |              |           |   |     |   |   |
|------------------------------------|-----------|-----------------------------------|------------------------------------------------------------------------------|-------------------------------|------------------------------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|-----------|---|-----|---|---|
| 1/11/2023 1140                     | 9.66      | 92.5                              | 13.2                                                                         | 7.68                          | 0.223                                    | 0.456        | 0.456           | 1337                | 0.67                         |                       |              |           |   |     |   |   |
| 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                                  |                               |                                          | X            | Ice             | X                   | H2SO4*                       | X                     | <2           | 1         | A |     |   |   |
|                                    |           | Lot #                             |                                                                              | SA2145169                     |                                          | Exp:         |                 | 06/03/23            |                              |                       |              |           |   |     |   |   |
| Metals (P-500ML)                   |           |                                   | W-ICPMS                                                                      |                               | W-ICP                                    |              |                 | Ice                 |                              | HNO3*                 |              | <2        |   |     |   |   |
|                                    |           | Lot #                             |                                                                              | Exp:                          |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |
| Filtered Nutrients (P125ML)        |           |                                   | W-PO4-F                                                                      |                               | Field Filtered 0.45 µm Filter            |              |                 |                     | Ice                          |                       |              |           |   |     |   |   |
|                                    |           | Filter Lot #                      |                                                                              | Syringe Lot #                 |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |
| 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) |           | X                                 | E Coli                                                                       |                               | F Coli                                   |              |                 | Enterococci         | X                            |                       |              |           |   | Ice | 1 | A |
|                                    |           | Contract Lab                      |                                                                              |                               |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |
| Molecular (QPCR-P-500ML)           |           |                                   | PCR-HF183                                                                    |                               | PCR-BacR                                 |              |                 | PCR-DG3             |                              | Ice                   |              |           |   |     |   |   |
|                                    |           |                                   | PCR-GULL2                                                                    |                               | PCR-GFD                                  |              |                 |                     |                              |                       |              |           |   |     |   |   |
| Tracers (BG-500ML)                 |           |                                   | W-E8321-DI                                                                   |                               | W-E8321-MS                               |              |                 |                     | Ice                          |                       |              |           |   |     |   |   |
| Pesticides (BG-500ML) (BG-1L)      |           |                                   | W-E8321-DI                                                                   |                               | W-E8321-MS                               |              |                 | W-PSNP-TQ           |                              | Ice                   | MCAA Exp.    | MCAA Lot# |   |     |   |   |
|                                    |           |                                   | 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                    |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |
| Phytoplankton                      |           |                                   | DTY-QN-C                                                                     |                               | PKD-QN-BV                                |              |                 |                     | Ice                          |                       |              |           |   |     |   |   |
| DOC                                |           |                                   | W-DOC                                                                        | Field Filtered 0.45 µm Filter |                                          |              |                 | Ice                 |                              | H2SO4*                |              | <2        |   |     |   |   |
|                                    |           | Acid Preservative Expiration Date |                                                                              |                               |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |
|                                    |           | Acid Preservative Lot Number      |                                                                              |                               |                                          |              |                 |                     |                              |                       |              |           |   |     |   |   |



RQ-2023-01-09-46

Customer: FDEP

Project ID: SMP

Collected By: Jeremy Parrish, Katherine Halbert

Field Report Prepared by: Jeremy Parrish,  
Katherine Halbert

Sampling Agency: FDEP

WIN ID/Field ID:   
WIN ID/Field ID: G2NE1222

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Unnamed Ditch at Cowpen Branch Rd.

Matrix: Fresh

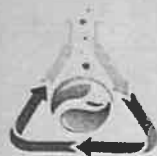
(Check One)

☒ 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 (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 1/11/2023<br>950    | 8.05      | 73.2      | 10.8     | 7.03 | 0.3              | 0.536        | 0.536           | 1776                | 0.91           |

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



**DIVERSIFIED**  
ENVIRONMENTAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD

Project Number:  
(Lab Use Only)

3653 Regent Boulevard, Suite # 509  
Jacksonville, FL 32224  
P. (904) 807-9625 E. info@delilab.com  
F. (904) 807-9627

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|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  |                                                                                           |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| Company Name Florida Department of Environmental Protection |  |  |  |  |  |  |  |  |  | Container Information (Qty, Size, & Type) |  |  |  |  |  |  |  |  |  | Sample Matrix Codes:                                                                      |  |  |  |  |  |  |  |  |  |
| Address 8800 Baymeadows Way West                            |  |  |  |  |  |  |  |  |  | 250 mL                                    |  |  |  |  |  |  |  |  |  | A. Air P. Petroleum                                                                       |  |  |  |  |  |  |  |  |  |
| City Jacksonville State FL Zip 32256                        |  |  |  |  |  |  |  |  |  | 250 mL                                    |  |  |  |  |  |  |  |  |  | B. Bulk S. Soil/Sludge                                                                    |  |  |  |  |  |  |  |  |  |
| Attn. Dep-overflowmicro@dep.state.fl.us                     |  |  |  |  |  |  |  |  |  | 250 mL                                    |  |  |  |  |  |  |  |  |  | W. Wipe O. Other                                                                          |  |  |  |  |  |  |  |  |  |
| Tel E-mail or Fax                                           |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | PW. Potable Water                                                                         |  |  |  |  |  |  |  |  |  |
| Project Name 2023-01-09-46                                  |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | NPW. Non-Potable Water                                                                    |  |  |  |  |  |  |  |  |  |
| Project Number                                              |  |  |  |  |  |  |  |  |  | Container Preservation Codes              |  |  |  |  |  |  |  |  |  | Sample Kit or Container Lot #                                                             |  |  |  |  |  |  |  |  |  |
| Project Location LSR Hastings                               |  |  |  |  |  |  |  |  |  | 6 6 6                                     |  |  |  |  |  |  |  |  |  | NA                                                                                        |  |  |  |  |  |  |  |  |  |
| Sampler Name/Signature Katherine Halbert /m                 |  |  |  |  |  |  |  |  |  | Parameters                                |  |  |  |  |  |  |  |  |  | Preservation Codes:                                                                       |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  | E. Coli - Quantitray                      |  |  |  |  |  |  |  |  |  | 0. None 5. Na2S2O3                                                                        |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  | Enterococci - Quantitray                  |  |  |  |  |  |  |  |  |  | 1. H2SO4 6. Crushed Ice (4C)                                                              |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  | Coliform, Fecal - MF 3 Dilutions          |  |  |  |  |  |  |  |  |  | 2. HNO3 7. C6H8O6                                                                         |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | 3. HCl 8. NH4Cl                                                                           |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | 4. NaOH 9. Other (List)                                                                   |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Thermal Preservation:                                                                     |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | In Crushed Ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No       |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Cooler Temp: 0.2 °C                                                                       |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Sample Cont. Temp: 1.5 °C                                                                 |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Turnaround Requested:                                                                     |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | <input checked="" type="checkbox"/> Standard (10 Business Days)                           |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | <input type="checkbox"/> Semi-Rush (3-5 Business Days)                                    |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | <input type="checkbox"/> Rush (1-2 Business Days)                                         |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Billing Information:                                                                      |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | <input type="checkbox"/> Invoice with Report                                              |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | <input type="checkbox"/> Invoice to Accounting                                            |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | Req. #                                                                                    |  |  |  |  |  |  |  |  |  |
|                                                             |  |  |  |  |  |  |  |  |  |                                           |  |  |  |  |  |  |  |  |  | P.O. #                                                                                    |  |  |  |  |  |  |  |  |  |

|                       |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |
|-----------------------|--|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|-------------|--|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|--|--|--|--|
| Special Instructions: |  |  |  |  |  |  |  |  |  | Transfer Numbers |  |  |  |  |  |  |  |  |  | Relinquished By   |  |  |  |  |  |  |  |  |  | Date / Time     |  |  |  |  |  |  |  |  |  | Received By |  |  |  |  |  |  |  |  |  | Date / Time   |  |  |  |  |  |  |  |  |  |
|                       |  |  |  |  |  |  |  |  |  | 1-3              |  |  |  |  |  |  |  |  |  | Katherine Halbert |  |  |  |  |  |  |  |  |  | 01/11/23 / 1301 |  |  |  |  |  |  |  |  |  | DC VC       |  |  |  |  |  |  |  |  |  | 01/11/23 1301 |  |  |  |  |  |  |  |  |  |
|                       |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |
|                       |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |



Certification #E821059

Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

Visit us online & order kits at: www.delilab.com

# CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: YSI 5710h RQ: 2023-01-09-46 Project: LSJR Hashings

- Notes: (1) Always wait for meter to stabilize before recording any readings.  
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).  
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

## Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 11/14/22

| DO DEP SOP FT 1500 | Name       | Date    | Time CT-ET | Temp °C | Baro-meter mmHg | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|------------|---------|------------|---------|-----------------|-----------------|-----------------|-------|--------------|------------|-------------|-------------|
| Calibr.            | J. Pansh   | 1/11/23 | 755        | 21.1    | 765             | 8.9             | 8.9             | 100.7 | —            | 1.072      | P/F         | L/F         |
| ICV                | J          | 1/11/23 | 756        | 21.0    | 765             | 8.9             | 8.9             | 100.7 | —            | 1.07       | P/F         | L/F         |
| CCV                | K. Halbert | 1/11/23 | 1333       | 21.2    | 764.4           | 8.9             | 8.93            | 100.7 | —            | 1.072      | P/F         | L/F         |
| CCV                |            |         |            |         |                 |                 |                 |       |              |            | P/F         | L/F         |

DO Acceptance criteria from Table  $\pm 0.3$  mg/L. Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.  
Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

| Spec. Cond. FT 1200 | Name       | Date    | Time CT-ET | Lot #    | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|------------|---------|------------|----------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | J. Pansh   | 1/11/23 | 758        | 221028 A | 1/1/23      | 1000                   | 1000                        | P/F         | L/F         |
| ICV                 | J          | 1/11/23 | 889        | 210417A  | 3/23        | 100                    | 99                          | P/F         | L/F         |
| CCV                 | K. Halbert | 1/11/23 | 1334       | 220719C  | 6/1/20      | 50000                  | 50058                       | P/F         | L/F         |
| CCV                 |            |         |            |          |             |                        |                             | P/F         | L/F         |

Conductivity Acceptance criteria  $\pm 5\%$

| pH DEP SOP FT 1100 | Name       | Date    | Time CT-ET | Lot #   | Expir. Date | pH Buffer SU | Temp °C | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|------------|---------|------------|---------|-------------|--------------|---------|------------------|--------|-------------|-------------|
| Calibr.            | J. Pansh   | 1/11/23 | 800        | M18-15  | 5/24        | 7.           | 21.6    | 7.02             | -37    | P/F         | L/F         |
| Calibr.            |            |         | 801        | M18-01  | 7/24        | 4.           | 21.6    | 4.00             | 138.5  | P/F         | L/F         |
| Calibr.            |            |         | 802        | M103-01 | 4/24        | 10.04        | 21.5    | 10.04            | -208   | P/F         | L/F         |
| ICV                |            |         | 803        | M188-01 | 7/24        | 4.           | 21.5    | 4.02             | 137    | P/F         | L/F         |
| CCV                | K. Halbert | 1/11/23 | 1336       | M103-01 | 4/19/24     | 10.04        | 21.5    | 10.03            | -208.7 | P/F         | L/F         |
| CCV                |            |         |            |         |             |              |         |                  |        | P/F         | L/F         |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ; mV pH 4 Range  $+180 \pm 50$ ; mV pH 10 Range  $-180 \pm 50$ ;  
If mV are recorded: slope from 7 to 10 171., slope from 4 to 7 177.5 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)  
If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 11/14/22

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: \_\_\_\_\_; Date of last verification: \_\_\_\_\_

| Depth Sensor (Daily Calibration & ICV) | Name     | Date    | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value, meters | Pass / Fail | Lab / Field |
|----------------------------------------|----------|---------|------------|-------------------------------------------|-------------------|-------------|-------------|
| Pressure mode in air                   | J. Pansh | 1/11/23 | 805        | 0.00                                      | 0.00              | P/F         | L/F         |

Report two decimal places. Round numbers  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS:

Date of Request: 29-DEC-2022  
 Created By: PARRISH\_J On: 29-DEC-2022  
 Modified By: JASROTIA\_P On: 03-JAN-2023  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: LSJR Hastings 2023

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 03-JAN-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 03-JAN-2023  
 Sampling Kit Required: YES Ship on: 06-JAN-2023  
 Sampling Kit Shipped: YES On: 05-JAN-2023  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: YES  
 Date to Receive Samples: 09-JAN-2023  
 Logged In By: ROBERTS\_Z On: 12-JAN-2023

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

**Comments:**

Group A:(Surf.-Fresh)Nutrient,Bacteria  
 site(G2NE1143)  
 Group B:(Surf.-Fresh)CTCLR,PCL,PCB,PSNP,TRSQR  
 site (20030577)  
 Group C:(Surf.Fresh) PSNP,TRSQR,Bacteria(G2NE1222)  
 Group D:(Surf.Fresh)Bacteria, Marker Tracer  
 sites(20030688)

NE-DIV-ECQ

**Packing Notes:**

#####  
 W-TR-SQ-R (sunscreens)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

#####

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

|                                           |                   |                      |                                                                                                                                     |
|-------------------------------------------|-------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L<br>CHLSUITE-W          | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI<br>NE-DIV-ECQ | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville     |
| Bottle Type: P-500ML<br>W-NH3             | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE And H2SO4<br>(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 Group B (Water) With 1 Samples:**

|                                            |                   |                      |                                                                                                                           |
|--------------------------------------------|-------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO<br>W-CT-CI-R | Template: DEFAULT | Number of Bottles: 4 | Preserved With: ICE<br>(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                                 | Template: DEFAULT |                      | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                                            |
| W-PCL-TQ-R                                 | Template:         |                      | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                              |
| Bottle Type: BG-1L<br>W-PSNP-TQ            | Template: DEFAULT | Number of Bottles: 4 | Preserved With: ICE<br>(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                 |
| W-TR-SQ-R                                  | Template: DEFAULT |                      | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM                                    |

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

|                                           |                   |                      |                                                                                                                                 |
|-------------------------------------------|-------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI<br>NE-DIV-ECQ | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville |
| Bottle Type: BG-1L<br>W-PSNP-TQ           | Template: DEFAULT | Number of Bottles: 2 | Preserved With: ICE<br>(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                       |
| W-TR-SQ-R                                 | Template: DEFAULT |                      | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM                                          |

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

|                                           |                   |                      |                                                                                                                                                                      |
|-------------------------------------------|-------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML<br>PCR-BACR     | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                                   | Template: DEFAULT |                      | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction                             |
| PCR-HF183                                 | Template: DEFAULT |                      | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction                            |
| Bottle Type: BG-500ML<br>W-E8321-DI       | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(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 Type: P-250ML-WI-THI<br>NE-DIV-ECQ | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville                                      |

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