

RQ-2023-10-23-20

## Login Checklist

Login Station ID: #4

Shipping Method: ~~FedEx~~ | UPS | HD | Greyhound

Date/Time of Receipt: 10/25/2023@09:48

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| -0.9                |                 |                                        |          | 11                                    |               | X  |          |    | 648484593716       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 °C (above 10.0 °C for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes X No \_\_\_\_\_

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

Yes X 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 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 X No \_\_\_\_\_ Init: TL

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: TL

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH &lt; 2.0?

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

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

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

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

Coolers Unpacked/Checked by: TL

Date: 10/25/2023

Event contains NCRs (Y/N)? N

Event ID: SO-DIST-2023-10-25-02

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #4 Exp:10/16/2024   |
| pH Test Strips 0 – 6     | LOT# 223819AV Exp: AUG 30, 2023 |
| pH Paper 0 – 3           | N/A                             |
| pH Paper 0 – 13          | LOT# 207621 Exp: March 15, 2024 |
| Chlorine Test Strips     | LOT# 2313 Exp: July 2025        |

### 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:** 10/24/2023      **Collected By:** Nicole Reistad, Other  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-10-23-20      **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:** 1

**Delivery Method:** FedEx

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

| Site Location                         | Field ID/WIN ID                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------|
| BUZZARD ROOST BRANCH AT PINE LEVEL ST | <br>G3SD0152      |
| HORSE CREEK                           | <br>G3SD0157      |
| RUNOFF TO PEACE RIVER SITE 3          | <br>G3SD0132    |
| BOBCAT CREEK IN PRESERVE EAST         | <br>G3SD0131    |
| FB                                    | <br>FB_10242023 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/24/2023  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** TL

**Rec'd/Inspected Date:** 10/25/23



RQ-2023-10-23-20

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Other

Field Report Prepared by: Nicole Reistad, Other

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0131

Comments:

Location: BOBCAT CREEK IN PRESERVE EAST

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) |   |
|------------------------------------|-------------------|---------------------------------------------------------------------------|-------------------------------|------------------------------------------|------------------|--------------|-----------------|-----------------------|----------------|---|
| 10/24/2023<br>1230                 | 4.67              | 53.9                                                                      | 22.5                          | 6.35                                     | 0.3              | 0.5          | 0.9             | 307.2                 | 0.15           |   |
| 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*                |                |   |
|                                    |                   | Lot #                                                                     | SA3013020                     | Exp:                                     |                  | 01/25/2024   | X               | <2                    | 1              | B |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                   |                               | X                                        | W-ICP            | X            | W-HARD          | X                     | HNO3*          |   |
|                                    |                   | Lot #                                                                     | NA3123030                     | Exp:                                     |                  | 05/01/2024   | X               | <2                    | 1              | B |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                   | Field Filtered 0.45 µm Filter |                                          |                  |              |                 |                       |                |   |
|                                    |                   | Filter Lot #                                                              |                               | Syringe Lot #                            |                  | Ice          |                 |                       |                |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                |                               |                                          |                  | Ice          |                 |                       |                |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                |                               |                                          |                  | X            | Ice             |                       | 1              | B |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                               |                                          |                  | X            | Ice             |                       | 1              | B |
| 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                                  |                  |              |                 |                       |                |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                |                               | W-E8321-MS                               |                  |              | Ice             |                       |                |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                |                               | W-E8321-MS                               |                  | W-PSNP-TQ    |                 | MCAA Exp.             | MCAA Lot#      |   |
|                                    |                   | W-PCL-TQ-R                                                                |                               | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    | Ice             |                       |                |   |
|                                    |                   | W-TR-SQ-R                                                                 |                               | W-PCB-TQ-R                               |                  |              |                 |                       |                |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                  |                               | PKD-QN-BV                                |                  |              | Ice             |                       |                |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                     |                               | Field Filtered 0.45 µm Filter            |                  | Ice          |                 | H2SO4*                |                |   |
|                                    |                   |                                                                           |                               | Acid Preservative Expiration Date        |                  |              |                 |                       | <2             |   |
|                                    |                   |                                                                           |                               | Acid Preservative Lot Number             |                  |              |                 |                       |                |   |



|                  |                                                 |
|------------------|-------------------------------------------------|
| RQ-2023-10-23-20 | Collected By: Nicole Reistad, Other             |
| Customer: FDEP   | Field Report Prepared by: Nicole Reistad, Other |
| Project ID: SMP  | Sampling Agency: FDEP                           |

WIN ID/Field ID:   
WIN ID/Field ID: G3SD0157

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

Location: HORSE CREEK

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) |  |  |  |  |  |  |
|------------------------------------|----------------------------------------------------------------------------|-------------------|----------|------|-----------------------------------|--------------|------------------------------------------|-----------------------|----------------|--|--|--|--|--|--|
| 10/24/2023 1145                    | 7.05                                                                       | 83.1              | 23.4     | 6.04 | 0.2                               | 0.4          | 0.4                                      | 403.5                 | 0.19           |  |  |  |  |  |  |
| 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                                                                    |                   |          |      | Ice                               |              | HNO3*                                    | <2                    |                |  |  |  |  |  |  |
|                                    | Lot #                                                                      |                   |          | Exp: |                                   |              |                                          |                       |                |  |  |  |  |  |  |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |                   |          |      | Field Filtered 0.45 µm Filter     |              |                                          |                       |                |  |  |  |  |  |  |
|                                    | Filter Lot #                                                               | Syringe Lot #     |          |      | Ice                               |              |                                          |                       |                |  |  |  |  |  |  |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |                   |          |      | Ice                               |              |                                          |                       |                |  |  |  |  |  |  |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |                   |          |      | Ice                               |              |                                          |                       |                |  |  |  |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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-OLDC                                                                 |                   |          |      | Formalin                          |              |                                          |                       |                |  |  |  |  |  |  |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                   |          |      | Ice                               |              |                                          |                       |                |  |  |  |  |  |  |
| Microbiology (Contract Lab Bottle) | E Coli                                                                     |                   |          |      | F Coli                            |              | x                                        | Ice                   | 1              |  |  |  |  |  |  |
|                                    | Contract Lab                                                               |                   |          |      | Enterococci                       |              |                                          |                       |                |  |  |  |  |  |  |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |                   |          |      | PCR-BacR                          |              | 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                                | MCAA Exp.             | MCAA Lot#      |  |  |  |  |  |  |
|                                    | x                                                                          | W-PCL-TQ-R        |          |      |                                   |              | W-CARB-AA (5 ml of MCAA Buffer Solution) |                       |                |  |  |  |  |  |  |
|                                    |                                                                            | W-TR-SQ-R         |          |      |                                   |              | x W-CT-CL-R                              |                       |                |  |  |  |  |  |  |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                   |                   |          |      | PKD-QN-BV                         |              | Ice                                      |                       |                |  |  |  |  |  |  |
|                                    |                                                                            |                   |          |      |                                   |              |                                          |                       |                |  |  |  |  |  |  |
| DOC (P-500ML)                      | W-DOC                                                                      |                   |          |      | Field Filtered 0.45 µm Filter     |              | Ice                                      | H2SO4*                | <2             |  |  |  |  |  |  |
|                                    |                                                                            |                   |          |      | Acid Preservative Expiration Date |              |                                          |                       |                |  |  |  |  |  |  |
|                                    |                                                                            |                   |          |      | Acid Preservative Lot Number      |              |                                          |                       |                |  |  |  |  |  |  |



RQ-2023-10-23-20

Collected By: Nicole Reistad, Other

Customer: FDEP

Field Report Prepared by: Nicole Reistad, Other

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB\_10242023

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) |    |   |   |
|------------------------------------|--------------------------------------|------------------------------------------------------------------------------|------------------------------------------|----|------------------|--------------|-----------------|-----------------------|-----------------|----|---|---|
| 10/24/2023<br>1240                 |                                      |                                                                              |                                          |    |                  |              |                 |                       |                 |    |   |   |
| 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          | H2SO4*          | <2                    | 1               | D  |   |   |
|                                    | Lot #                                |                                                                              | SA3013020                                |    | Exp:             |              | 01/25/2024      |                       |                 |    |   |   |
| Metals (P-500ML)                   | X                                    | W-ICPMS                                                                      |                                          | X  | W-ICP            |              | X               | Ice                   | HNO3*           | <2 | 1 | D |
|                                    | Lot #                                |                                                                              | NA3123030                                |    | Exp:             |              | 05/01/2024      |                       |                 |    |   |   |
| 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)  | 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      |              | 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                               |    | 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 (BP-1L)              | DTY-QN-C                             |                                                                              | PKD-QN-BV                                |    | Ice              |              |                 |                       |                 |    |   |   |
| DOC (P-500ML)                      | W-DOC                                | Field Filtered 0.45 um Filter                                                |                                          |    |                  | Ice          | H2SO4*          | <2                    |                 |    |   |   |
|                                    |                                      | Acid Preservative Expiration Date                                            |                                          |    |                  |              |                 |                       |                 |    |   |   |
|                                    |                                      | Acid Preservative Lot Number                                                 |                                          |    |                  |              |                 |                       |                 |    |   |   |



RQ-2023-10-23-20

Collected By: Nicole Reistad, Other

Customer: FDEP

Field Report Prepared by: Nicole Reistad, Other

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3SD0152

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

Location: BUZZARD ROOST BRANCH AT PINE LEVEL 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 (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 10/24/2023<br>1125  | 7.12      | 82.2      | 22.4     | 5.79 | 0.15             | 0.3          | 0.3             | 464.6               | 0.22            |

  

| 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 | A |
|                                    | X                                                                           | 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-CAR8-AA (5 ml of MCAA Buffer Solution) |            | W-CT-CL-R   |              |           |           |                       |              |   |   |
|                                    | W-TR-SQ-R                                                                   | W-PC8-TQ-R                               |            |             |              |           |           |                       |              |   |   |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                    |                                          | PKD-QN-BV  |             | Ice          |           |           |                       |              |   |   |
| DOC (P-500ML)                      | W-DOC                                                                       | Field Filtered 0.45 um Filter            |            |             | Ice          | H2SO4*    | <2        |                       |              |   |   |
|                                    |                                                                             | Acid Preservative Expiration Date        |            |             |              |           |           |                       |              |   |   |
|                                    |                                                                             | Acid Preservative Lot Number             |            |             |              |           |           |                       |              |   |   |



RQ-2023-10-23-20

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Other

Field Report Prepared by: Nicole Reistad, Other

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3SD0132

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

Location: RUNOFF TO PEACE RIVER SITE 3

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 10/24/2023<br>1220  | 4.94      | 55.4      | 21       | 5.78 | 0.15             | 0.3          | 0.3             | 322.5              | 0.15            |

  

| 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 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-G-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 | A |
|                                    | X                                                                           | 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 (BP-1L)              | DTY-QN-C                                                                    |                                          | PKD-QN-BV  |             | Ice          |           |           |                       |              |   |   |
| DOC (P-500ML)                      | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |            |             | Ice          | H2SO4*    | <2        |                       |              |   |   |
|                                    |                                                                             | Acid Preservative Expiration Date        |            |             |              |           |           |                       |              |   |   |
|                                    |                                                                             | Acid Preservative Lot Number             |            |             |              |           |           |                       |              |   |   |

Benchmark EnviroAnalytical, Inc.  
1001 Corporate Ave. Suite 102  
North Port, FL 34289  
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 2.9 °C

Checked at Benchmark EA South E85086  
With Temperature Gun ID #7

Client Name: FDEP

Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399

Phone: (850) 245-8085

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore  
P.O. #: Lab B16970

Project Name: 2023-10-23-20  
DeSoto Shenanigans

Project Run/Location:

Station  
ID

Surface Water  
Sample Matrix  
(Fresh / Marine)  
Sample Type

Enterococci  
E.coli (SM9223B Quantitray)

Laboratory  
Sample #

E. Coli = 250 ml.; Entero = 120 ml.; Fecal Coliform = 120 ml.

G3SD0152  
G3SD0157  
G3SD0132  
G3SD0131

F / M / Grab  
F / M / Grab  
F / M / Grab  
F / M / Grab

E.coli / Entero / F.coli  
E.coli / Entero / F.coli  
E.coli / Entero / F.coli  
E.coli / Entero / F.coli

Date & Time: 10/24/23 1125  
Date & Time: 10/24/23 1145  
Date & Time: 10/24/23 1220  
Date & Time: 10/24/23 1230

1  
2  
3  
4

"Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

"Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), salt sediment (SDMT), or sludge (SLDG).

"Container Type" is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Units "Preservative" for any preservatives that were added to the sample container.

Collection:

1. Each bottle has a label identifying sample ID, precontaminated preservative contained in the bottle, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.

3. All bottles not containing preservative may be used with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please use the sampling log on the sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 2.9°C

| Collector: <u>W. A. P. R. J. P.</u> |                  | Date: <u>10/24/23</u> | Time: <u>1323</u> | Received By: <u>Bonnie Kintner</u> | Date: <u>10/24/23</u> | Time: <u>1323</u> |
|-------------------------------------|------------------|-----------------------|-------------------|------------------------------------|-----------------------|-------------------|
| 1                                   | Relinquished by: | Date:                 | Time:             | Received By:                       | Date:                 | Time:             |
| 2                                   | Relinquished by: | Date:                 | Time:             | Received By:                       | Date:                 | Time:             |
| 3                                   | Relinquished by: | Date:                 | Time:             | Received By:                       | Date:                 | Time:             |
| 4                                   | Relinquished by: | Date:                 | Time:             | Received By:                       | Date:                 | Time:             |
| 5                                   | Relinquished by: | Date:                 | Time:             | Received By:                       | Date:                 | Time:             |

Date of Request: 25-SEP-2023  
 Created By: REISTAD\_N On: 25-SEP-2023  
 Modified By: JASROTIA\_P On: 05-OCT-2023  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2023 SMP: Desoto Shenanigans

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: Nicole Reistad  
 Cooler Ship Email: Nicole.Reistad@FloridaDEP.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 04-OCT-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 05-OCT-2023  
 Sampling Kit Required: YES Ship on: 16-OCT-2023  
 Sampling Kit Shipped: YES On: 16-OCT-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-OCT-2023  
 Logged In By: LEBRUN\_T On: 25-OCT-2023

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: Nicole Reistad  
 Report Notification Email:  
 Nicole.Reistad@FloridaDEP.gov; John.Barrington@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov

Comments: Group A: (Buzzard, Ronoff) E. coli  
 Group B: (Bobcat) Nutrients, Metals, E. coli  
 Group C: (Horse) E. coli, W-CT-CI-R, W-PCL-TQ-R, W-PCB-TQ-R  
 Group D: Nutrients, Metals BLANK

**Bottle Group A (Water) With 2 Samples:**

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE  
 SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

**Bottle Group B (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-SO<sub>4</sub>-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-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE  
 SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port  
 Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO<sub>3</sub>  
 W-HARD Template: DEFAULT (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO<sub>3</sub>  
 Hardness  
 W-ICP Template: SMP-FRESH (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects  
 Calcium  
 Iron

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Magnesium            |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Strontium            |                      |                                                                                                                                                |
| Tin                  |                      |                                                                                                                                                |
| Titanium             |                      |                                                                                                                                                |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Boron                |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |
| 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 Group C (Water) With 1 Samples:**

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                             |
| SD-BES-ECQ                    | Template: DEFAULT    | (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port                         |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-CT-Cl-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene 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 Group D (Water) With 1 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Strontium            |                      |                                                                                                                                                |
| Tin                  |                      |                                                                                                                                                |
| Titanium             |                      |                                                                                                                                                |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum             |                      |                                                                                                                                                |

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

|                      |                   |                                                                                                                             |                               |
|----------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML |                   | Number of Bottles: 1                                                                                                        | Preserved With: HNO3          |
| W-ICPMS              | Template: DEFAULT | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |                               |
| Antimony             |                   |                                                                                                                             |                               |
| Arsenic              |                   |                                                                                                                             |                               |
| Barium               |                   |                                                                                                                             |                               |
| Beryllium            |                   |                                                                                                                             |                               |
| Boron                |                   |                                                                                                                             |                               |
| Cadmium              |                   |                                                                                                                             |                               |
| Chromium             |                   |                                                                                                                             |                               |
| Cobalt               |                   |                                                                                                                             |                               |
| Copper               |                   |                                                                                                                             |                               |
| Lead                 |                   |                                                                                                                             |                               |
| Manganese            |                   |                                                                                                                             |                               |
| Molybdenum           |                   |                                                                                                                             |                               |
| Nickel               |                   |                                                                                                                             |                               |
| Selenium             |                   |                                                                                                                             |                               |
| Silver               |                   |                                                                                                                             |                               |
| Thallium             |                   |                                                                                                                             |                               |
| 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-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              | 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                             |                               |

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