

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 6/2/2022  
**Customer:** SO-DIST  
**RQ:** RQ-2022-05-30-27  
**Collected By:** Thomas Baker, William Mullen  
**Sampling Agency:** FDEP  
**Project ID:** SMP

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

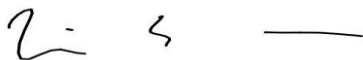
**Number of Coolers Shipped:** 3

**Delivery Method:** FedEx

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

| Site Location                  | Field ID/WIN ID                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Joshua Creek above Peace River | <br>G3SD0159   |
| Joshua Creek above CR760       | <br>G3SD0175   |
| BRANDY BRANCH @ SR 70          | <br>G3SD0083 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/2/2022 1500  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected

Date:



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-05-30-27                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0159 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:****Location:** Joshua Creek above Peace River

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. ©        | pH                                          | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |              |                 |    |  |   |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|----------------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|--------------|-----------------|----|--|---|--|
| 6/2/2022<br>950                    | 6.22         | 77.2                                                                         | 26.2           | 6.98                                        | 0.15                   | 0.3             | 0.3                   | 734                       | 0.36              |                          |              |                 |    |  |   |  |
| Parameter Suite                    |              | Parameter Methods                                                            |                |                                             |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab |              | Bottle<br>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-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                     |                   |                          |              |                 |    |  |   |  |
|                                    |              | X Contract Lab                                                               |                |                                             |                        |                 |                       |                           |                   |                          |              |                 |    |  |   |  |
| Molecular (QPCR-P-500ML)           |              | X PCR-HF183                                                                  |                | X PCR-BacR                                  |                        | X PCR-DG3       |                       | x Ice                     |                   |                          |              |                 |    |  |   |  |
|                                    |              | PCR-GULL2                                                                    |                | PCR-GFD                                     |                        |                 |                       |                           |                   |                          |              |                 |    |  |   |  |
| Tracers (BG-500ML)                 |              | W-E8321-DI                                                                   |                | W-E8321-MS                                  |                        |                 |                       | Ice                       |                   |                          |              |                 |    |  |   |  |
| Pesticides (BG-500ML) (BG-1L)      |              | X W-E8321-DI                                                                 | X              | W-E8321-MS                                  |                        | X               | W-PSNP-TQ             |                           | x                 | Ice                      | MCAA<br>Exp. | MCAA<br>Lot#    | 10 |  | A |  |
|                                    |              | X W-PCL-TQ-R                                                                 | X              | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                        | X               | W-CT-CL-R             |                           |                   |                          | 02/04/23     | 128343          |    |  |   |  |
|                                    |              | X W-TR-SQ-R                                                                  |                | X                                           | W-PCB-TQ-R             |                 |                       |                           |                   |                          |              |                 |    |  |   |  |
| Phytoplankton                      |              | DTY-QN-C                                                                     |                | PKD-QN-BV                                   |                        |                 |                       | Ice                       |                   |                          |              |                 |    |  |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-05-30-27                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0175 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** Joshua Creek above CR760

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. ©        | pH                                          | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |    |                 |    |   |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|----------------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|----|-----------------|----|---|---|
| 6/2/2022<br>1040                   | 6.36         | 79.5                                                                         | 26.5           | 7.28                                        | 0.2                    | 0.4             | 0.4                   | 732                       | 0.35              |                          |    |                 |    |   |   |
| Parameter Suite                    |              | Parameter Methods                                                            |                |                                             |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab |    | Bottle<br>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-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                     |                   |                          |    |                 |    |   |   |
|                                    |              | X Contract Lab                                                               |                |                                             |                        |                 |                       |                           |                   |                          |    |                 |    |   |   |
| Molecular (QPCR-P-500ML)           |              | X PCR-HF183                                                                  |                | X PCR-BacR                                  |                        | X PCR-DG3       |                       | x Ice                     |                   |                          |    |                 |    |   |   |
|                                    |              |                                                                              |                | PCR-GULL2                                   |                        | PCR-GFD         |                       |                           |                   |                          |    |                 |    |   |   |
| Tracers (BG-500ML)                 |              | X W-E8321-DI                                                                 |                | X W-E8321-MS                                |                        | x Ice           |                       |                           |                   | 1                        | B  |                 |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |              | W-E8321-DI                                                                   |                | W-E8321-MS                                  |                        | W-PSNP-TQ       |                       | x Ice                     |                   | MCAA<br>Exp.             |    | MCAA<br>Lot#    |    | 2 | B |
|                                    |              | X W-PCL-TQ-R                                                                 |                | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                        | X W-CT-CL-R     |                       |                           |                   |                          |    |                 |    |   |   |
|                                    |              | W-TR-SQ-R                                                                    |                | X W-PCB-TQ-R                                |                        |                 |                       |                           |                   |                          |    |                 |    |   |   |
| Phytoplankton                      |              | DTY-QN-C                                                                     |                | PKD-QN-BV                                   |                        | Ice             |                       |                           |                   |                          |    |                 |    |   |   |



|                                                                                                                                               |                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| RQ-2022-05-30-27                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                                                                                                 |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen                                                                                     |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                                                                                                      |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0083 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory.<br>Bottle came with cracked lid, sealed with electric tape after sample |

**Location:****Location:** BRANDY BRANCH @ SR 70

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. ©   | pH                                          | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |                 |              |   |     |
|------------------------------------|--------------|------------------------------------------------------------------------------|-----------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|--------------|---|-----|
| 6/2/2022<br>1120                   | 7.31         | 88.6                                                                         | 24.8      | 7.52                                        | 0.2                    | 0.4             | 0.4                   | 1426                      | 0.71              |                          |                 |              |   |     |
| Parameter Suite                    |              | Parameter Methods                                                            |           |                                             |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab | Bottle<br>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            | C |     |
|                                    | Lot #        |                                                                              | SA1308030 |                                             | Exp:                   |                 | 12/01/22              |                           |                   |                          |                 |              |   |     |
| 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                   |                           |                   |                          |                 |              |   |     |
| Physical/Aggregate (Fresh) (P-1L)  | X            | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                                             |                        | X               | 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 |
|                                    | 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)      | X            | W-E8321-DI                                                                   | X         | W-E8321-MS                                  |                        | X               | W-PSNP-TQ             |                           | X                 | Ice                      | MCAA<br>Exp.    | MCAA<br>Lot# | 6 | C   |
|                                    |              | W-PCL-TQ-R                                                                   | X         | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                        | X               | W-CT-CL-R             |                           |                   |                          | 02/04/23        | 128343       |   |     |
|                                    | X            | W-TR-SQ-R                                                                    |           | X                                           | W-PCB-TQ-R             |                 |                       |                           |                   |                          |                 |              |   |     |
| Phytoplankton                      |              | DTY-QN-C                                                                     |           | PKD-QN-BV                                   |                        |                 |                       | Ice                       |                   |                          |                 |              |   |     |

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

BEAS Sample Receipt Temp. 4.1 °C

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

Client Name: FDEP

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

Phone: (239) 344-5719

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

Bill to: Frances Moore  
P.O. #: Lab B95341

Project Name: RQ-2021-  
2022-05-30-27

Project Run/Location: 5mp; Negro Crick

Laboratory Submission #:

522060063

| Station ID      | Surface Water Sample Matrix? (Fresh / Marine)<br>Sample Type | Enterococci<br>E.coli (SM9223B Quantitray)                            | Laboratory Sample # |
|-----------------|--------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|
|                 |                                                              | E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL           |                     |
| <u>G35N0159</u> | <u>F / M / Grab</u>                                          | <u>E.coli</u> / Entero / F.coliform Date & Time: <u>06/02/22 0950</u> | <u>1</u>            |
| <u>G35b0175</u> | <u>F / M / Grab</u>                                          | <u>E.coli</u> / Entero / F.coliform Date & Time: <u>06/02/22 1240</u> | <u>2</u>            |
| <u>G35N0083</u> | <u>F / M / Grab</u>                                          | <u>E.coli</u> / Entero / F.coliform Date & Time: <u>06/02/22 1120</u> | <u>3</u>            |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coliform Date & Time:                             |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |
|                 | F / M / Grab                                                 | E.coli / Entero / F.coli Date & Time:                                 |                     |

"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), soil, sediment (SDMINT), 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 wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

#### Instructions:

- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- 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.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 4.1°C

|   |                                |                       |                   |                                      |                     |                   |
|---|--------------------------------|-----------------------|-------------------|--------------------------------------|---------------------|-------------------|
| 1 | Collector: <u>Thomas Baker</u> | Date: <u>06/02/22</u> | Time: <u>1251</u> | Received By: <u>Melinda Merchant</u> | Date: <u>6/2/22</u> | Time: <u>1251</u> |
| 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:             |