

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 12/12/2023  
**Customer:** NE-DIST  
**RQ:** RQ-2023-12-11-37  
**Collected By:** Katrin Villinger, Katherine Halbert  
**Sampling Agency:** FDEP  
**Project ID:** BMAP

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

**Number of Coolers Shipped:** 0

**Delivery Method:** HandDelivered

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

| Site Location                                 | Field ID/WIN ID                                                                                  |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------|
| MONCRIEF CR AT MONCRIEF ROAD                  | <br>20030726   |
| MONCRIEF CR AT 21ST ST                        | <br>20030897   |
| TROUT RIVER AT OLD KINGS RD                   | <br>20030753 |
| TROUT R AT DINSMORE BOAT RAMP DOCK NR<br>US 1 | <br>20030123 |
| TERRAPIN CREEK AT FAYE ROAD                   | <br>20030653 |
| NW TRIBUTARY TO OPEN CR AT HODGES             | <br>20030848 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/12/2023  
1630 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected  
Date:



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030726 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** MONCRIEF CR AT MONCRIEF ROAD

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) |           |   |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|-----------|---|
| 12/12/2023<br>930                  | 5.86                                                                        | 58.7                                     | 15.5                          | 7.19        | 0.3              | 0.7          | 0.7             | 364.1                 | 0.18           |           |   |
| 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-CH-C / 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         | B |
|                                    | 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             |                               |             |                  |              |                 |                       |                |           |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030897 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** MONCRIEF CR AT 21ST ST

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                  | DO (%SAT)                                | Temp. °C                      | pH          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 12/12/2023<br>945                  | 5.52                                                                       | 56.1                                     | 16.1                          | 7.18        | 0.3              | 0.6          | 0.6             | 427.8                 | 0.21           |
| 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-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-QLDC                                                                 |                                          | Formalin Lot #                |             | Formalin         |              |                 |                       |                |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                                          |                               |             | Ice              |              |                 |                       |                |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli                                   | F Coli                        | Enterococci | x                | Ice          |                 | 1                     | B              |
|                                    | 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             |                               |             |                  |              |                 |                       |                |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030753 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** TROUT RIVER AT OLD KINGS RD

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L)                                                               | DO<br>(%SAT)  | Temp. °C                                    | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT)        |                 |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|---------------------------------------------|------|---------------------|-----------------|-----------------------|------------------------|--------------------------|-----------------|---|---|--|
| 12/12/2023<br>1015                 | 8.59                                                                       | 78.2          | 11.2                                        | 6.59 | 0.3                 | 0.3             | 1.8                   | 111.1                  | 0.05                     |                 |   |   |  |
| Parameter Suite                    | Parameter Methods                                                          |               |                                             |      | Preservation        |                 | pH 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*                    |                 |   |   |  |
|                                    | Lot #                                                                      |               | Exp:                                        |      |                     |                 |                       |                        | <2                       |                 |   |   |  |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |               | Field Filtered 0.45 µm Filter               |      |                     | Ice             |                       |                        |                          |                 |   |   |  |
|                                    | Filter Lot #                                                               | Syringe Lot # |                                             |      |                     |                 |                       |                        |                          |                 |   |   |  |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |               |                                             |      | Ice                 |                 |                       |                        |                          |                 |   |   |  |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |               |                                             |      | Ice                 |                 |                       |                        |                          |                 |   |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-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-QLDC                                                                 |               | Formalin Lot #                              |      | Formalin            |                 |                       |                        |                          |                 |   |   |  |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |               |                                             |      | Ice                 |                 |                       |                        |                          |                 |   |   |  |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli        | F Coli                                      |      | Enterococci         |                 | Ice                   |                        |                          |                 | 1 | B |  |
|                                    | 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<br>Exp.           | MCAA<br>Lot#             |                 |   |   |  |
|                                    | W-PCL-TQ-R                                                                 |               | W-CARB-AA (5 ml of<br>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             |                       | H2SO<br>4*             |                          | <2              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Expiration Date           |      |                     |                 |                       |                        |                          |                 |   |   |  |
|                                    |                                                                            |               | Acid Preservative Lot Number                |      |                     |                 |                       |                        |                          |                 |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030123 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** TROUT R AT DINSMORE BOAT RAMP DOCK NR US 1

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)        |              |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 12/12/2023 1035                    | 6.75                                                                       | 65.5          | 14                                       | 6.61 | 0.3              | 0.4          | 1.7             | 257.9               | 0.12                  |              |   |   |  |
| 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*                 |              |   |   |  |
|                                    | Lot #                                                                      |               | Exp:                                     |      |                  |              |                 |                     | <2                    |              |   |   |  |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |               | Field Filtered 0.45 µm Filter            |      |                  | Ice          |                 |                     |                       |              |   |   |  |
|                                    | Filter Lot #                                                               | Syringe Lot # |                                          |      |                  |              |                 |                     |                       |              |   |   |  |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |               |                                          |      | Ice              |              |                 |                     |                       |              |   |   |  |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |               |                                          |      | Ice              |              |                 |                     |                       |              |   |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-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-QLDC                                                                 |               | Formalin Lot #                           |      | Formalin         |              |                 |                     |                       |              |   |   |  |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |               |                                          |      | Ice              |              |                 |                     |                       |              |   |   |  |
| Microbiology (Contract Lab Bottle) | E Coli                                                                     |               | F Coli                                   |      | X                | 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             |      |                  |              |                 |                     |                       |              |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030653 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** TERRAPIN CREEK AT FAYE ROAD

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L)                                                                | DO<br>(%SAT)                      | Temp. °C                                    | pH          | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm)   | Salinity<br>(PPT) |           |
|------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|---------------------------------------------|-------------|---------------------|-----------------|-----------------------|--------------------------|-------------------|-----------|
| 12/12/2023<br>1120                 | 9.05                                                                        | 86.8                              | 13.5                                        | 6.48        | 0.07                | 0.15            | 0.15                  | 160.9                    | 0.08              |           |
| Parameter Suite                    | Parameter Methods                                                           |                                   |                                             |             | Preservation        |                 | pH 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-CH-C / 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                        | B                 |           |
|                                    | 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                                  |             | Ice                 | MCAA<br>Exp.    | MCAA<br>Lot#          |                          |                   |           |
|                                    | W-PCL-TQ-R                                                                  |                                   | W-CARB-AA (5 ml of<br>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         | H2SO<br>4*          | <2              |                       |                          |                   |           |
|                                    |                                                                             | Acid Preservative Expiration Date |                                             |             |                     |                 |                       |                          |                   |           |
|                                    |                                                                             | Acid Preservative Lot Number      |                                             |             |                     |                 |                       |                          |                   |           |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-11-37                                                                                                                              | <b>Collected By:</b> Katrin Villinger, Katherine Halbert                  |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Katrin Villinger, Katherine Halbert      |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030848 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** NW TRIBUTARY TO OPEN CR AT HODGES

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)        |              |
|------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|
| 12/12/2023 1155                    | 8.18                                                                        | 83.9                              | 16.5                                     | 6.94        | 0.15             | 0.3          | 0.3             | 430.7               | 0.21                  |              |
| 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-CH-C / 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                     | B            |
|                                    | 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                               |             | Ice              | MCAA Exp.    | MCAA Lot#       |                     |                       |              |
|                                    | W-PCL-TQ-R                                                                  |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |             |                  |              |                 |                     |                       |              |
|                                    | 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         | H2SO 4*          |              | <2              |                     |                       |              |
|                                    |                                                                             | Acid Preservative Expiration Date |                                          |             |                  |              |                 |                     |                       |              |
|                                    |                                                                             | Acid Preservative Lot Number      |                                          |             |                  |              |                 |                     |                       |              |



**DIVERSIFIED**  
ENVIRONMENTAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD

Project Number:

(Lab Use Only)

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

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|                                                               |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  |                                                                                            |                        |                              |  |
|---------------------------------------------------------------|-------------------------|-----------------------|--------------|--------------|--------------------|------------------------|------|------|---|-------------------------------------------|--------------------------|----------------------------------|--|--|--|--|--|--------------------------------------------------------------------------------------------|------------------------|------------------------------|--|
| Company Name Florida Department of Environmental Protection   |                         |                       |              |              |                    |                        |      |      |   | Container Information (Qty, Size, & Type) |                          |                                  |  |  |  |  |  | Sample Matrix Codes:                                                                       |                        |                              |  |
| Address 8800 Baymeadows Way West                              |                         |                       |              |              |                    |                        |      |      |   | 250 mL                                    | 250 mL                   | 250 mL                           |  |  |  |  |  |                                                                                            |                        | A. Air P. Petroleum          |  |
| City Jacksonville State FL Zip 32256                          |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  |                                                                                            | B. Bulk S. Soil/Sludge |                              |  |
| Attn. Dep-overflowmicro@dep.state.fl.us                       |                         |                       |              |              |                    |                        |      |      |   | Container Preservation Codes              |                          |                                  |  |  |  |  |  | Sample Kit or Container Lot #                                                              |                        |                              |  |
| Tel. E-mail or Fax                                            |                         |                       |              |              |                    |                        |      |      |   | 6                                         | 6                        | 6                                |  |  |  |  |  |                                                                                            |                        |                              |  |
| Project Name BHAP2                                            |                         |                       |              |              |                    |                        |      |      |   | Parameters                                |                          |                                  |  |  |  |  |  | Preservation Codes:                                                                        |                        |                              |  |
| Project Number 2023-12-11-37                                  |                         |                       |              |              |                    |                        |      |      |   | E. Coll - Quantitray                      | Enterococci - Quantitray | Coliform, Fecal - MF 3 Dilutions |  |  |  |  |  |                                                                                            |                        | 0. None 5. Na2S2O3           |  |
| Project Location                                              |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  |                                                                                            |                        | 1. H2SO4 6. Crushed Ice (4C) |  |
| Sampler Name/Signature Katrina Villinger                      |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | 2. HNO3 7. C6H8O6                                                                          |                        |                              |  |
| Transfer #                                                    | Sample # (Lab Use Only) | Sample Identification | Date Sampled | Time Sampled | Sample Matrix Code | Specific Cond. (Field) | Comp | Grab |   |                                           |                          |                                  |  |  |  |  |  | 3. HCl 8. NH4Cl                                                                            |                        |                              |  |
|                                                               |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | 4. NaOH 9. Other: (List)                                                                   |                        |                              |  |
| 1                                                             |                         | 20030726              | 12/12/23     | 930          | NPW                | 364.1                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | Thermal Preservation:                                                                      |                        |                              |  |
| 2                                                             |                         | 20030897 *            |              | 945          |                    | 427.8                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | In Crushed Ice? <input checked="" type="checkbox"/> Yes / No                               |                        |                              |  |
| 3                                                             |                         | 20030753              |              | 1015         |                    | 111.1                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | Cooler Temp: NA °C                                                                         |                        |                              |  |
| 4                                                             |                         | 20030123              |              | 1035         |                    | 257.9                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | Sample Cont. Temp: 0.2 °C                                                                  |                        |                              |  |
| 5                                                             |                         | 20030653              |              | 1155         |                    | 430.7                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | Turnaround Requested:                                                                      |                        |                              |  |
| 6                                                             |                         | 20030848 *            |              | 1155         |                    | 430.7                  |      | /    | 1 |                                           |                          |                                  |  |  |  |  |  | <input checked="" type="checkbox"/> Standard (10 Business Days)                            |                        |                              |  |
| 7                                                             |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | <input type="checkbox"/> Semi-Rush (3-5 Business Days)                                     |                        |                              |  |
| 8                                                             |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | <input type="checkbox"/> Rush (1-2 Business Days)                                          |                        |                              |  |
| 9                                                             |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples. |                        |                              |  |
| 0                                                             |                         |                       |              |              |                    |                        |      |      |   |                                           |                          |                                  |  |  |  |  |  | Billing Information:                                                                       |                        |                              |  |
| Special Instructions: 10x dilution due to high concentrations |                         |                       |              |              |                    |                        |      |      |   | Relinquished By: Katrina Villinger        |                          |                                  |  |  |  |  |  | Date / Time: 12/12/23 12:15                                                                |                        |                              |  |
|                                                               |                         |                       |              |              |                    |                        |      |      |   | Received By: MEJ                          |                          |                                  |  |  |  |  |  | Date / Time: 12/12/23 12:15                                                                |                        |                              |  |



Certification #E821059