

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| <b>Date:</b> <u>4/3/2023</u>       | <b>Collected By:</b> <u>Jeremy Parrish, Niki Barham</u> |
| <b>Customer:</b> <u>NE-DIST</u>    | <b>Sampling Agency:</b> <u>FDEP</u>                     |
| <b>RQ:</b> <u>RQ-2023-04-03-27</u> | <b>Project ID:</b> <u>BMAP</u>                          |

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

**Number of Coolers Shipped:** Na                      **Delivery Method:** HandDelivered

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

| Site Location                              | Field ID/WIN ID                                                                                  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------|
| GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC  | <br>20030891   |
| CRAIG CR 100M DOWN FROM FOOTBRIDGE IN PARK | <br>20030958   |
| LITTLE FISHWEIR AT OAK ST                  | <br>20030953 |
| BIG FISHWEIR CR SF AT HAMILTON ST          | <br>20030801 |
| BUTCHER PEN CR AT CONFEDERATE PT ROAD      | <br>20030082 |
| BUTCHER PEN CR AT WESCONNETT               | <br>20030760 |
| CRAIG CR AT HENDRICKS AVE                  | <br>20030793 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/3/2023 1600  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030891 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC

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)        |              |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 4/3/2023<br>940                    | 3.32                                                                       | 38.6          | 22                                       | 6.75 | 0.3              | 0.6          | 0.6             | 3945                | 2.1                   |              |   |   |  |
| 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) | 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 Exp.           | MCAA Lot#             |              |   |   |  |
|                                    | W-PCL-TQ-R                                                                 |               | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R        |              |                 |                     |                       |              |   |   |  |
|                                    | W-TR-SQ-R                                                                  |               | W-PCB-TQ-R                               |      |                  |              |                 |                     |                       |              |   |   |  |
| Phytoplankton                      | DTY-QN-C                                                                   |               | PKD-QN-BV                                |      |                  | Ice          |                 |                     |                       |              |   |   |  |
| DOC                                | W-DOC                                                                      |               | Field Filtered 0.45 µm Filter            |      |                  | Ice          |                 | H2SO4*              |                       | <2           |   |   |  |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |      |                  |              |                 |                     |                       |              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Lot Number             |      |                  |              |                 |                     |                       |              |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030958 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** CRAIG CR 100M DOWN FROM FOOTBRIDGE IN PARK

Matrix: Marine

(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)        |              |   |   |  |
|------------------------------------|-----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 4/3/2023 1010                      | 6.07                                                                        | 74.1          | 23.1                                     | 7.34 | 0.3              | 0.5          | 0.5             | 12350               | 7.08                  |              |   |   |  |
| 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-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) | E Coli                                                                      |               | F Coli                                   |      | X                | Enterococci  | Ice             |                     |                       |              | 1 | A |  |
|                                    | Contract Lab                                                                |               |                                          |      |                  |              |                 |                     |                       |              |   |   |  |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                   |               | PCR-BacR                                 |      | PCR-DG3          |              | Ice             |                     |                       |              |   |   |  |
|                                    | PCR-GULL2                                                                   |               | PCR-GFD                                  |      |                  |              |                 |                     |                       |              |   |   |  |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                  |               | W-E8321-MS                               |      | Ice              |              |                 |                     |                       |              |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                  |               | W-E8321-MS                               |      | W-PSNP-TQ        |              | Ice             | MCAA Exp.           | MCAA Lot#             |              |   |   |  |
|                                    | W-PCL-TQ-R                                                                  |               | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R        |              |                 |                     |                       |              |   |   |  |
|                                    | W-TR-SQ-R                                                                   |               | W-PCB-TQ-R                               |      |                  |              |                 |                     |                       |              |   |   |  |
| Phytoplankton                      | DTY-QN-C                                                                    |               | PKD-QN-BV                                |      | Ice              |              |                 |                     |                       |              |   |   |  |
| DOC                                | W-DOC                                                                       |               | Field Filtered 0.45 µm Filter            |      | Ice              |              | H2SO 4*         |                     | <2                    |              |   |   |  |
|                                    |                                                                             |               | Acid Preservative Expiration Date        |      |                  |              |                 |                     |                       |              |   |   |  |
|                                    |                                                                             |               | Acid Preservative Lot Number             |      |                  |              |                 |                     |                       |              |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030953 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** LITTLE FISHWEIR AT OAK 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) |           |   |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|-----------|---|
| 4/3/2023<br>1035                   | 2.84                                                                       | 31.8                                     | 20.1                          | 7.34        | 0.3              | 0.4          | 0.4             | 475                   | 0.23           |           |   |
| 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                      | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |           |   |
| DOC                                | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               | Ice         | H2SO4*           | <2           |                 |                       |                |           |   |
|                                    |                                                                            | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |           |   |
|                                    |                                                                            | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |           |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030801 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** BIG FISHWEIR CR SF AT HAMILTON ST

Matrix: Marine

(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)        |              |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 4/3/2023<br>1050                   | 3.63                                                                       | 44.6          | 23.3                                     | 6.96 | 0.3              | 0.59         | 0.59            | 11275               | 6.42                  |              |   |   |  |
| 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) | 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 Exp.           | MCAA Lot#             |              |   |   |  |
|                                    | W-PCL-TQ-R                                                                 |               | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R        |              |                 |                     |                       |              |   |   |  |
|                                    | W-TR-SQ-R                                                                  |               | W-PCB-TQ-R                               |      |                  |              |                 |                     |                       |              |   |   |  |
| Phytoplankton                      | DTY-QN-C                                                                   |               | PKD-QN-BV                                |      |                  | Ice          |                 |                     |                       |              |   |   |  |
| DOC                                | W-DOC                                                                      |               | Field Filtered 0.45 µm Filter            |      |                  | Ice          |                 | H2SO4*              |                       | <2           |   |   |  |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |      |                  |              |                 |                     |                       |              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Lot Number             |      |                  |              |                 |                     |                       |              |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030082 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** BUTCHER PEN CR AT CONFEDERATE PT ROAD

Matrix: Marine

(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) |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 4/3/2023<br>1110                   | 5.14                                                                       | 63.7                                     | 23.9                          | 7.13        | 0.3              | 0.5          | 1.1             | 12800                 | 7.35           |
| 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                      | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
| DOC                                | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               | Ice         | H2SO4*           |              | <2              |                       |                |
|                                    |                                                                            | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |
|                                    |                                                                            | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-03-27                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Niki Barham                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Niki Barham              |
| <b>Project ID:</b> BMAP                                                                                                                       | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030760 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** BUTCHER PEN CR AT WESCONNETT

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) |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 4/3/2023<br>1120                   | 5.22                                                                       | 57.8                                     | 20.1                          | 7.45        | 0.12             | 0.24         | 0.24            | 395                   | 0.19           |
| Parameter Suite                    | Parameter Methods                                                          |                                          |                               |             | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                    | Lot #                                                                      |                                          | Exp:                          |             |                  |              |                 |                       |                |
| Metals (P-500ML)                   | W-ICPMS                                                                    |                                          | 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                      | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
| DOC                                | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               | Ice         | H2SO4*           | <2           |                 |                       |                |
|                                    |                                                                            | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |
|                                    |                                                                            | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |

|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> 20030793 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

Matrix: Marine

(Check One)

✓ Grab

☐ Composite

| Parameter Suite                    | Parameter Methods |                                                                              |  |  |                |                               |      |  |   |             | Preservation |          |     | pH Check |  | # Bottles sent to Lab | Bottle Group |    |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|--|--|----------------|-------------------------------|------|--|---|-------------|--------------|----------|-----|----------|--|-----------------------|--------------|----|---|---|
| Preserved Nutrients (P-500ML)      |                   | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |  |  |                |                               |      |  |   |             |              | Ice      |     | H2SO4*   |  | <2                    |              |    |   |   |
|                                    | Lot #             |                                                                              |  |  |                |                               | Exp: |  |   |             |              |          |     |          |  |                       |              |    |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |  |  |                | W-ICP                         |      |  |   | W-HARD      |              |          |     | Ice      |  | HNO3*                 |              | <2 |   |   |
|                                    | Lot #             |                                                                              |  |  |                |                               | Exp: |  |   |             |              |          |     |          |  |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |  |  |                | Field Filtered 0.45 um Filter |      |  |   |             |              | Ice      |     |          |  |                       |              |    |   |   |
|                                    | Filter Lot #      |                                                                              |  |  |                | Syringe Lot #                 |      |  |   |             |              |          |     |          |  |                       |              |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |  |  |                |                               |      |  |   |             |              |          | Ice |          |  |                       |              |    |   |   |
| Chlorophyll (BP-1L)                |                   | CHLSUITE-W                                                                   |  |  |                |                               |      |  |   |             |              |          | Ice |          |  |                       |              |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |  |  |                |                               |      |  |   |             |              |          | Ice |          |  |                       |              |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |  |  |                |                               |      |  |   |             |              |          | Ice |          |  |                       |              |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |  |  | Formalin Lot # |                               |      |  |   |             |              | Formalin |     |          |  |                       |              |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |  |  |                |                               |      |  |   |             |              |          | Ice |          |  |                       |              |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |  |  |                | F Coli                        |      |  | X | Enterococci |              |          | x   | Ice      |  |                       |              |    | 1 | A |
|                                    | X                 | Contract Lab                                                                 |  |  |                |                               |      |  |   |             |              |          |     |          |  |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |                   |                                                                              |  |  |                |                               |      |  |   |             |              |          |     |          |  |                       |              |    |   |   |

# CHAIN OF CUSTODY RECORD

3553 Regent Boulevard, Suite # 509  
Jacksonville, FL 32224  
P. (904) 807-9625 E. info@delllab.com  
F. (904) 807-9627

Project Number:  
(Lab Use Only)

Page 1 of 1



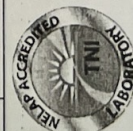
| Company Name                              |                            | Florida Department of Environmental Protection |                                   |              |                    |                        |      |      |
|-------------------------------------------|----------------------------|------------------------------------------------|-----------------------------------|--------------|--------------------|------------------------|------|------|
| Address                                   |                            | 8800 Baymeadows Way W Ste 100                  |                                   |              |                    |                        |      |      |
| City                                      | Jacksonville               | State                                          | FL                                |              |                    |                        |      |      |
| Zip                                       | 32256                      |                                                |                                   |              |                    |                        |      |      |
| Attn.                                     | Jeremy Parrish             | Jeremy.M.Parrish@floridadep.gov                |                                   |              |                    |                        |      |      |
| Tel.                                      |                            | E-mail or Fax                                  | DEP-Overflowmicro@dep.state.fl.us |              |                    |                        |      |      |
| Project Name                              |                            | BMAP 1                                         |                                   |              |                    |                        |      |      |
| Project Number                            | RO-2023-04-03-27           |                                                |                                   |              |                    |                        |      |      |
| Project Location                          |                            |                                                |                                   |              |                    |                        |      |      |
| Sampler Name/Signature <i>Niki Barham</i> |                            |                                                |                                   |              |                    |                        |      |      |
| Transfer #                                | Sample #<br>(Lab Use Only) | Sample Identification                          | Date Sampled                      | Time Sampled | Sample Matrix Code | Specific Cond. (Field) | Comp | Grab |
| 1                                         | 20030891                   |                                                | 4-3-23                            | 940          | NPW                | 3945                   |      | ✓    |
| 2                                         | 20030793                   | *                                              | 4-3-23                            | 1000         | NPW                | 8600                   |      | ✓    |
| 3                                         | 20030958                   | *                                              | 4-3-23                            | 1010         | NPW                | 12800                  |      | ✓    |
| 4                                         | 20030953                   | *                                              | 4-3-23                            | 1035         | NPW                | 478                    |      | ✓    |
| 5                                         | 20030801                   |                                                | 4-3-23                            | 1050         | NPW                | 11233                  |      | ✓    |
| 6                                         | 20030082                   | *                                              | 4-3-23                            | 1110         | NPW                | 12800                  |      | ✓    |
| 7                                         | 20030760                   | *                                              | 4-3-23                            | 1120         | NPW                | 395                    |      | ✓    |
| 8                                         |                            |                                                |                                   |              |                    |                        |      |      |
| 9                                         |                            |                                                |                                   |              |                    |                        |      |      |
| 0                                         |                            |                                                |                                   |              |                    |                        |      |      |

|                                       |  |                  |                                          |                              |                                   |                             |
|---------------------------------------|--|------------------|------------------------------------------|------------------------------|-----------------------------------|-----------------------------|
| Special Instructions:<br>* dilute 10x |  | Transfer Numbers | Relinquished By<br><i>Jeremy Parrish</i> | Date / Time<br>4/3/2023 1200 | Received By<br><i>Niki Barham</i> | Date / Time<br>4/3/23 12:00 |
|---------------------------------------|--|------------------|------------------------------------------|------------------------------|-----------------------------------|-----------------------------|

|                                                                                            |                                  |                               |                     |
|--------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|---------------------|
| Container Information (Qty, Size, & Type)                                                  |                                  | Sample Matrix Codes:          |                     |
| NPW                                                                                        | NPW                              | A. Air                        | P. Petroleum        |
| NPW                                                                                        | NPW                              | B. Bulk                       | S. Soil/Sludge      |
|                                                                                            |                                  | W. Wipe                       | O. Other            |
|                                                                                            |                                  | PW. Potable Water             |                     |
|                                                                                            |                                  | NPW. Non-Potable Water        |                     |
| Container Preservation Codes                                                               |                                  | Sample Kit or Container Lot # |                     |
| 6                                                                                          | 6                                |                               |                     |
| Parameters                                                                                 |                                  | Preservation Codes:           |                     |
| Enterococci - Quantitray                                                                   | Coliform, Fecal - MF 3 Dilutions | 0. None                       | 5. Na2S2O3          |
| Enterococci - Quantitray                                                                   | Coliform, Fecal - MF 3 Dilutions | 1. H2SO4                      | 6. Crushed Ice (4C) |
| Enterococci - Quantitray                                                                   | Coliform, Fecal - MF 3 Dilutions | 2. HNO3                       | 7. C8H8O8           |
| Enterococci - Quantitray                                                                   | Coliform, Fecal - MF 3 Dilutions | 3. HCl                        | 8. NH4Cl            |
| Enterococci - Quantitray                                                                   | Coliform, Fecal - MF 3 Dilutions | 4. NaOH                       | 9. Other (List)     |
| Thermal Preservation:                                                                      |                                  | Thermal Preservation:         |                     |
| In Crushed Ice?                                                                            | Yes / No                         |                               |                     |
| Cooler Temp.                                                                               | 0.2 °C                           |                               |                     |
| Sample Cont. Temp.                                                                         | 4.5 °C                           |                               |                     |
| Turnaround Requested:                                                                      |                                  | Turnaround Requested:         |                     |
| X. Standard (10 Business Days)                                                             |                                  |                               |                     |
| Semi-Rush (3-5 Business Days)                                                              |                                  |                               |                     |
| Rush (1-2 Business Days)                                                                   |                                  |                               |                     |
| Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples. |                                  |                               |                     |
| Billing Information:                                                                       |                                  | Billing Information:          |                     |
| Invoice with Report                                                                        |                                  |                               |                     |
| Invoice to Accounting                                                                      |                                  |                               |                     |
| Req. #:                                                                                    |                                  |                               |                     |
| P.O. #:                                                                                    |                                  |                               |                     |



Certification #E821059

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

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