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|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-09-06-38                                                                                                                              | <b>Collected By:</b> Mike King, Nathan Mulkey                            |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Mike King, Nathan Mulkey                |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                             |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4NW0377 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:****Location:** Shoal River upstream of County Highway 1087

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|----------------|
| 10/14/2021 1340     | 8.2       | 94.1      | 21.9     | 5.9 | 0.3              | 0.4          | 0.4             | 27.8               | 0.01           |

  

| 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 #                                                             |                |                                             |             |              |        |          |                       |              |
| 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-BR-IC / 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    |          |                       |              |
|                                    |                                                                           | W-PCL-TQ-R     | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) | W-CT-CL-R   |              |        |          |                       |              |
| Phytoplankton                      |                                                                           | DTY-QN-C       | PKD-QN-BV                                   |             |              | Ice    |          |                       |              |