



## ENVIRONMENTAL RESEARCH & DESIGN, INC.

Engineering • Science • Chemistry • Research  
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### TECHNICAL REPORT FOR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**CLIENT PROJECT:** RQ-2018-07-30-37  
**ERD JOB #:** 18-008  
**SAMPLE COLLECTION DATE:** November 14, 2018  
**DATE REPORT PREPARED:** December 13, 2018  
**CLIENT SERVICE CONTACT:** Chip Harper  
([charper@erd.org](mailto:charper@erd.org))

#### Report To:

DEP-Overflow Micro  
Florida Department of Environmental Protection  
Biology Section  
Twin Towers / Lab Complex A, Rm 216, MS 6515  
Tallahassee, FL 32399  
([DEP-overflowmicro@dep.state.fl](mailto:DEP-overflowmicro@dep.state.fl))

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**Total Number of Pages in Report:** 2

Analytical results presented in this report have been reviewed for compliance with the ENVIRONMENTAL RESEARCH & DESIGN, INC. (ERD) Quality Systems Manual and have been determined to meet applicable method guidelines and standards referenced in the 2003/2009 National Environmental laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on samples as received by the laboratory on the date(s) listed unless indicated differently.

Cassie Revell  
Lab Director



## SAMPLE SUMMARY

**Client:** FDEP  
**Project Name:** RQ-2018-07-30-37  
**ERD Job #:** 18-008

| Lab Sample I.D. | Date Collected | Time Collected | Sampler | Date Received | Matrix Code* | Type          | Client Sample I.D. |
|-----------------|----------------|----------------|---------|---------------|--------------|---------------|--------------------|
| 18-3048         | 11/14/18       | 10:00          | ML      | 11/14/18      | AQ           | Surface Water | G2CE0088           |
| 18-3057         | 11/14/18       | 12:40          | LB      | 11/14/18      | AQ           | Surface Water | G2CE0130           |
| 18-3058         | 11/14/18       | 13:34          | LB      | 11/14/18      | AQ           | Surface Water | G2CE0097           |
| 18-3059         | 11/14/18       | 10:55          | LB      | 11/14/18      | AQ           | Surface Water | G2CE0184           |
| 18-3060         | 11/14/18       | 11:10          | LB      | 11/14/18      | AQ           | Surface Water | G2CE0185           |
| 18-3061         | 11/14/18       | 10:58          | LB      | 11/14/18      | AQ           | Surface Water | G2CE0184-DUP       |

\*Matrix Code: AQ = Aqueous SED = Sediment

## SUMMARY OF ANALYSES

**Analyte:** E. coli

**Method:** EPA 1603

**Analyst:** AF

| Lab Sample I.D. | Client Sample I.D. | Result | Qualifier* | PQL | MDL | Units      | Date Collected | Date Received | Date Analyzed |
|-----------------|--------------------|--------|------------|-----|-----|------------|----------------|---------------|---------------|
| 18-3048         | G2CE0088           | 870    | --         | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |
| 18-3057         | G2CE0130           | 69     | --         | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |
| 18-3058         | G2CE0097           | 88     | --         | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |
| 18-3059         | G2CE0184           | 1      | --         | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |
| 18-3060         | G2CE0185           | 1      | --         | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |
| 18-3061         | G2CE0184-DUP       | 1      | U          | 1   | 1   | cfu/100 ml | 11/14/18       | 11/14/18      | 11/15/18      |

\*B: < 20 or >80 cfu/100 ml

U = Result is < MDL

## INCUBATION TIMES

| ERD SAMPLE I.D. | DATE COLLECTED | CLIENT FIELD I.D. | INCUBATION PERIOD 1<br>(minimum of 2 hours) |              |            | INCUBATION PERIOD 2<br>(minimum of 22 hours) |            |               |
|-----------------|----------------|-------------------|---------------------------------------------|--------------|------------|----------------------------------------------|------------|---------------|
|                 |                |                   | Date Prepared                               | Time Started | Time Ended | Time Started                                 | Time Ended | Date Analyzed |
| 18-3048         | 11/14/18       | G2CE0088          | 11/14/18                                    | 14:20        | 16:20      | 16:20                                        | 15:00      | 11/15/18      |
| 18-3057         | 11/14/18       | G2CE0130          | 11/14/18                                    | 15:45        | 17:45      | 17:45                                        | 15:45      | 11/15/18      |
| 18-3058         | 11/14/18       | G2CE0097          | 11/14/18                                    | 15:45        | 17:45      | 17:45                                        | 15:45      | 11/15/18      |
| 18-3059         | 11/14/18       | G2CE0184          | 11/14/18                                    | 15:45        | 17:45      | 17:45                                        | 15:45      | 11/15/18      |
| 18-3060         | 11/14/18       | G2CE0185          | 11/14/18                                    | 15:45        | 17:45      | 17:45                                        | 15:45      | 11/15/18      |
| 18-3061         | 11/14/18       | G2CE0184-DUP      | 11/14/18                                    | 15:45        | 17:45      | 17:45                                        | 15:45      | 11/15/18      |

## END OF REPORT

