

**Wetlands Research Laboratory**

University of West Florida  
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Pensacola, FL 32514  
Laboratory Report by Collection Date from 2/20/2020 to 2/20/2020

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**Laboratory Report for:**

**Client** Florida Department of Environmental Protection

**Project** FDEP

**Address** 160 Governmental Center Suite 308

| Lab ID # | Bottle | Field ID                            | Sampling Date | Sampling Time | Receipt Date | Receipt Time | Sample Matrix | Sampler | Analyte               | Result | Unit       | Data Qualifier(s) | Dilution Factor | CALC MDL | LOQ    | Analysis Date | Analysis Time | Method                   |
|----------|--------|-------------------------------------|---------------|---------------|--------------|--------------|---------------|---------|-----------------------|--------|------------|-------------------|-----------------|----------|--------|---------------|---------------|--------------------------|
| 20-46205 | A      | G3NW0135 Huckleberry Creek G3NW0135 | 2/20/2020     | 9:00          | 2/20/2020    | 11:45        | Surface Water | HS/SS   | Escherichia coli (QT) | 158    | MPN/100 mL |                   | 10              | 10.000   | 10.000 | 02/20/20      | 12:55         | 9223B (Colilert®-18 QT®) |
| 20-46206 | A      | G4NW0298 Big Horse Creek G4NW0298   | 2/20/2020     | 10:00         | 2/20/2020    | 11:45        | Surface Water | HS/SS   | Escherichia coli (QT) | 121    | MPN/100 mL |                   | 10              | 10.000   | 10.000 | 02/20/20      | 12:55         | 9223B (Colilert®-18 QT®) |
| 20-46207 | A      | G4NW0380 Bear Creek G4NW0380        | 2/20/2020     | 10:40         | 2/20/2020    | 11:45        | Surface Water | HS/SS   | Escherichia coli (QT) | 109    | MPN/100 mL |                   | 10              | 10.000   | 10.000 | 02/20/20      | 12:55         | 9223B (Colilert®-18 QT®) |

**See attachment A for Data Qualifier Codes: Symbols and Meaning**

Report # : C262-02202020A

Report Approved by Jeremy Bosso, Lab Manager:

Report Date: 2/21/2020

2/21/2020

Comments: The sampling plan is the responsibility of the client and not of the laboratory.

These results relate only to these samples as submitted to the laboratory.

The results reported herein meet the requirements of the NELAC standards as adopted by the reference into chapter 64E-1, Florida Administrative Code.

Analyses performed without NELAP accreditation would be flagged with a "J6" data qualifier.

Times are reported in Central Time

Data Reported on a wet-weight basis

Subcontract information: not applicable

For questions or concerns regarding this report, please contact the Laboratory Manager, Jeremy Bosso at (850) 857-6096

#### Attachment A: Data Qualifier Codes: Symbol and meaning

A - Value reported is the arithmetic mean (average) of two or more determinations.

B - Based on colony counts outside the method specified range.

C - See case narrative (comments)

D - Measurement was made in the field using approved analytical methods. Used except where code specifies a field measurement (e.g., "Field pH").

H - Value based on field kit determination; results may not be accurate. Field screening test not recognized by FDEP as equivalent to laboratory methods.

I - The reported value is  $\geq$  the Limit of Detection, but less than the Practical Quantitation Limit (Limit of Quantitation), and has less certainty

G - Analyte detected in blank other than the method blank (i.e. Field Blank, Trip Blank, Equipment Blank) at or above the Limit of Detection **and** > 10% the concentration in the sample.

J1 - Value is qualified by failed analytical quality control check standard (i.e. CCV, IPC, QCS, LCS)

J2 - Value is qualified by failed sample matrix quality control sample (i.e. duplicate, matrix spike)

J3 - Analyte detected in blank **other than the method blank** (i.e. calibration blank) at or above the Limit of Detection **and** > 10% the concentration in the sample.

J4 - Value is qualified due to improper laboratory practice.

J5 - Value is qualified due to improper field procedure.

J6 - Analysis was performed without NELAC accreditation.

J7 - All Quanti-Tray wells were positive. Result may be higher than reported.

K - Off-scale low. Actual value is less than the value given.

L - Off-scale high. Actual value is known to be greater than the value given.

M - Presence of material is verified but not quantified; the actual value is less than the value given. The reported value Limit of Quantitation.

N - Presumptive evidence of presence of material (i.e. identified based on mass spectral library search; presence not confirmed by alternative procedures).

O - Sample taken but analysis lost, invalidated, or not performed.

Q - Sample held beyond method-specified holding time.

U - Compound was analyzed for but not detected.

V - Analyte detected in method blank at or above the Limit of Detection **and** > 10% the concentration in the sample. The 10% criterion does not apply to blank results for microbiological tests.

Verified - This sample result was verified.

Y - The laboratory analysis was from a sample preserved by an alternative, non-standard preservation procedure. Hold-time has not been assessed for this preservation procedure. The data may not be accurate.

Z - Colonies on plate too numerous to count. Result = (>60 CFU/lowest volume used x 100 mL).

? - Data are rejected and should not be used.