



Advanced Environmental Laboratories, Inc  
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October 21, 2019

Francis Moore  
FDEP-Bureau of Labs-Bio Section -Twin Towers Lab Complex A  
Rm 216 MS 6515  
2600 Blair Stone Rd.  
Tallahassee, FL 32399

RE: Workorder: T1918225 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, October 14, 2019. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Heidi Parker'.

Heidi Parker - Project Manager  
HParker@AELLab.com

Enclosures

Report ID: 911474 - 1588815

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## SAMPLE SUMMARY

Workorder: T1918225 SMP

| Lab ID      | Sample ID | Matrix | Date Collected   | Date Received    |
|-------------|-----------|--------|------------------|------------------|
| T1918225001 | G5SW0147  | Water  | 10/14/2019 12:50 | 10/14/2019 15:06 |
| T1918225002 | G5SW0129  | Water  | 10/14/2019 12:35 | 10/14/2019 15:06 |
| T1918225003 | G1SW0051  | Water  | 10/14/2019 10:30 | 10/14/2019 15:06 |

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## ANALYTICAL RESULTS

Workorder: T1918225 SMP

Lab ID: **T1918225001**  
Sample ID: **G5SW0147**

Date Received: 10/14/19 15:06 Matrix: Water  
Date Collected: 10/14/19 12:50

Sample Description:

Location:

| Parameters                                      | Results     | Qual     | Units                                     | DF        | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed         | Lab |
|-------------------------------------------------|-------------|----------|-------------------------------------------|-----------|-----------------|-----------------|------------------|-----|
| <b>Microbiology</b>                             |             |          |                                           |           |                 |                 |                  |     |
| Analysis Desc: EColi, Quanti-tray, SM9223B, NPW |             |          | Analytical Method: SM 9223 B /QUANTI-TRAY |           |                 |                 |                  |     |
| E. Coli                                         | <b>1160</b> | <b>1</b> | <b>MPN/100<br/>mL</b>                     | <b>10</b> | 10              | 10              | 10/14/2019 16:05 | T   |

Lab ID: **T1918225002**  
Sample ID: **G5SW0129**

Date Received: 10/14/19 15:06 Matrix: Water  
Date Collected: 10/14/19 12:35

Sample Description:

Location:

| Parameters                                      | Results     | Qual     | Units                                     | DF        | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed         | Lab |
|-------------------------------------------------|-------------|----------|-------------------------------------------|-----------|-----------------|-----------------|------------------|-----|
| <b>Microbiology</b>                             |             |          |                                           |           |                 |                 |                  |     |
| Analysis Desc: EColi, Quanti-tray, SM9223B, NPW |             |          | Analytical Method: SM 9223 B /QUANTI-TRAY |           |                 |                 |                  |     |
| E. Coli                                         | <b>1860</b> | <b>1</b> | <b>MPN/100<br/>mL</b>                     | <b>10</b> | 10              | 10              | 10/14/2019 16:05 | T   |

Lab ID: **T1918225003**  
Sample ID: **G1SW0051**

Date Received: 10/14/19 15:06 Matrix: Water  
Date Collected: 10/14/19 10:30

Sample Description:

Location:

| Parameters                                         | Results   | Qual     | Units                                      | DF        | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed         | Lab |
|----------------------------------------------------|-----------|----------|--------------------------------------------|-----------|-----------------|-----------------|------------------|-----|
| <b>Microbiology</b>                                |           |          |                                            |           |                 |                 |                  |     |
| Analysis Desc: Enterococcus w/MICRO-QT Prep, Water |           |          | Analytical Method: ENTEROLERT/ QUANTI-TRAY |           |                 |                 |                  |     |
| Enterococcus                                       | <b>52</b> | <b>2</b> | <b>MPN/100<br/>mL</b>                      | <b>10</b> | 10              | 10              | 10/14/2019 16:05 | T   |

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: T1918225 SMP

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### PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- [1] In 10/14/19 @ 16:05; Out 10/15/19 @10:11
- [2] In 10/14/19 @16:05; Out 10/15/19 @16:05

### LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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## QUALITY CONTROL DATA

Workorder: T1918225 SMP

|                         |                         |                  |                         |
|-------------------------|-------------------------|------------------|-------------------------|
| QC Batch:               | MICt/4365               | Analysis Method: | ENTEROLERT/ QUANTI-TRAY |
| QC Batch Method:        | ENTEROLERT/ QUANTI-TRAY | Prepared:        |                         |
| Associated Lab Samples: | T1918225003             |                  |                         |

METHOD BLANK: 3256506

| Parameter                    | Units   | Blank Result | Reporting Limit Qualifiers |
|------------------------------|---------|--------------|----------------------------|
| Microbiology<br>Enterococcus | MPN/100 | 1            | 1 U                        |

|                         |                          |                  |                        |
|-------------------------|--------------------------|------------------|------------------------|
| QC Batch:               | MICt/4366                | Analysis Method: | SM 9223 B /QUANTI-TRAY |
| QC Batch Method:        | SM 9223 B /QUANTI-TRAY   | Prepared:        |                        |
| Associated Lab Samples: | T1918225001, T1918225002 |                  |                        |

METHOD BLANK: 3256508

| Parameter               | Units   | Blank Result | Reporting Limit Qualifiers |
|-------------------------|---------|--------------|----------------------------|
| Microbiology<br>E. Coli | MPN/100 | 1            | 1 U                        |

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1918225 SMP

| Lab ID      | Sample ID | Prep Method | Prep Batch | Analysis Method            | Analysis Batch |
|-------------|-----------|-------------|------------|----------------------------|----------------|
| T1918225003 | G1SW0051  |             |            | ENTEROLERT/<br>QUANTI-TRAY | MICt/4365      |
| T1918225001 | G5SW0147  |             |            | SM 9223 B /QUANTI-<br>TRAY | MICt/4366      |
| T1918225002 | G5SW0129  |             |            | SM 9223 B /QUANTI-<br>TRAY | MICt/4366      |

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☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616



\* T 1 9 1 8 2 2 5 \*

|                                                                                              |  |                                                                                              |  |                          |         |        |  |  |                 |
|----------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--|--------------------------|---------|--------|--|--|-----------------|
| Client Name: FDEP SW Dist.                                                                   |  | Project Name: SMP                                                                            |  | BOTTLE<br>SIZE &<br>TYPE |         |        |  |  | LABORATORY I.D. |
| Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637                                      |  | P.O. Number: B5A496                                                                          |  |                          |         |        |  |  |                 |
| Phone: 813-470-5770                                                                          |  | Project Address:                                                                             |  |                          |         |        |  |  |                 |
| Contact: Judy Ashton 813-470-5772                                                            |  | Special Instructions:                                                                        |  |                          |         |        |  |  |                 |
| Sampled By:                                                                                  |  | RQ-2019-10-07-07                                                                             |  | Analysis Required        | E. COLI | ENTERO |  |  |                 |
| Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH |  |                                                                                              |  |                          |         |        |  |  |                 |
| Page: of                                                                                     |  | <input type="checkbox"/> ADaPT <input type="checkbox"/> EQUIS <input type="checkbox"/> Other |  |                          |         |        |  |  |                 |

  

| SAMPLE ID                | SAMPLE DESCRIPTION                            | Grab<br>Temp | SAMPLING |      | MATRIX | NO.<br>COUNT | PRE-<br>SER-<br>VATI-<br>ON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |    |
|--------------------------|-----------------------------------------------|--------------|----------|------|--------|--------------|-----------------------------|---|---|---|---|---|---|---|---|---|----|----|
|                          |                                               |              | DATE     | TIME |        |              |                             |   |   |   |   |   |   |   |   |   |    |    |
| Field ID/WIN<br>G5SW0147 | Site Name: Cedar Creek above Patricia Ave     |              | 10-14-19 | 1250 | SW     | 1            |                             | 1 |   |   |   |   |   |   |   |   |    | 01 |
| Field ID/WIN<br>G5SW0129 | Site Name: Cedar Creek @ Pinehurst (PC 09-02) |              | 10-14-19 | 1235 | SW     | 1            |                             | 1 |   |   |   |   |   |   |   |   |    | 02 |
| Field ID/WIN<br>G1SW0051 | Site Name: Moccasin Creek Tidal               |              | 10-14-19 | 1030 | SW     | 1            |                             |   | 1 |   |   |   |   |   |   |   |    | 03 |
|                          |                                               |              |          |      |        |              |                             |   |   |   |   |   |   |   |   |   |    |    |
|                          |                                               |              |          |      |        |              |                             |   |   |   |   |   |   |   |   |   |    |    |
|                          |                                               |              |          |      |        |              |                             |   |   |   |   |   |   |   |   |   |    |    |

  

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received 4.8 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

|                  |          |      |              |          |      |
|------------------|----------|------|--------------|----------|------|
| Relinquished by: | Date     | Time | Received by: | Date     | Time |
| J. Ashton        | 10-14-19 |      | [Signature]  | 10-14-19 | 1506 |

PWS ID: \_\_\_\_\_

**FOR DRINKING WATER USE:**