



Advanced Environmental Laboratories, Inc  
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October 16, 2018

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: T1816067 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, September 19, 2018. 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: 581174 - 1500456

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#### CERTIFICATE OF ANALYSIS

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## SAMPLE SUMMARY

Workorder: T1816067 SMP

| Lab ID      | Sample ID | Matrix | Date Collected  | Date Received   |
|-------------|-----------|--------|-----------------|-----------------|
| T1816067001 | G2SW0012  | Water  | 9/19/2018 10:40 | 9/19/2018 13:52 |
| T1816067002 | G2SW0067  | Water  | 9/19/2018 13:00 | 9/19/2018 13:52 |
| T1816067003 | G2SW0013  | Water  | 9/19/2018 13:30 | 9/19/2018 13:52 |
| T1816067004 | G2SW0060  | Water  | 9/19/2018 11:40 | 9/19/2018 13:52 |

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## ANALYTICAL RESULTS

Workorder: T1816067 SMP

Lab ID: **T1816067001**

Date Received: 09/19/18 13:52 Matrix: Water

Sample ID: **G2SW0012**

Date Collected: 09/19/18 10:40

Sample Description:

Location:

| Parameters                                     | Results | Qual | Units                       | DF  | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|------------------------------------------------|---------|------|-----------------------------|-----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                            |         |      |                             |     |                 |                 |                 |     |
| Analysis Desc: Escherichia Coli,EPA 1603,Water |         |      | Analytical Method: EPA 1603 |     |                 |                 |                 |     |
| E. Coli                                        | 17400   | 1,B  | #/100 mL                    | 100 | 100             | 100             | 9/19/2018 15:30 | T   |

Lab ID: **T1816067002**

Date Received: 09/19/18 13:52 Matrix: Water

Sample ID: **G2SW0067**

Date Collected: 09/19/18 13:00

Sample Description:

Location:

| Parameters                                     | Results | Qual | Units                       | DF  | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|------------------------------------------------|---------|------|-----------------------------|-----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                            |         |      |                             |     |                 |                 |                 |     |
| Analysis Desc: Escherichia Coli,EPA 1603,Water |         |      | Analytical Method: EPA 1603 |     |                 |                 |                 |     |
| E. Coli                                        | 6000    | 1    | #/100 mL                    | 100 | 100             | 100             | 9/19/2018 15:30 | T   |

Lab ID: **T1816067003**

Date Received: 09/19/18 13:52 Matrix: Water

Sample ID: **G2SW0013**

Date Collected: 09/19/18 13:30

Sample Description:

Location:

| Parameters                                     | Results | Qual | Units                       | DF  | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|------------------------------------------------|---------|------|-----------------------------|-----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                            |         |      |                             |     |                 |                 |                 |     |
| Analysis Desc: Escherichia Coli,EPA 1603,Water |         |      | Analytical Method: EPA 1603 |     |                 |                 |                 |     |
| E. Coli                                        | 2400    | 1    | #/100 mL                    | 100 | 100             | 100             | 9/19/2018 15:30 | T   |

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## ANALYTICAL RESULTS

Workorder: T1816067 SMP

Lab ID: **T1816067004**

Date Received: 09/19/18 13:52 Matrix: Water

Sample ID: **G2SW0060**

Date Collected: 09/19/18 11:40

Sample Description:

Location:

| Parameters                                     | Results | Qual | Units                       | DF  | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|------------------------------------------------|---------|------|-----------------------------|-----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                            |         |      |                             |     |                 |                 |                 |     |
| Analysis Desc: Escherichia Coli,EPA 1603,Water |         |      | Analytical Method: EPA 1603 |     |                 |                 |                 |     |
| E. Coli                                        | 15600   | 1,B  | #/100 mL                    | 100 | 100             | 100             | 9/19/2018 15:30 | T   |

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: T1816067 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.
- B Results based upon colony counts outside the acceptable range.
- [1] Incubator 1- 9/19/18 15:30-17:00 Incubator 2- 9/19/18 17:00- 9/20/18 14:00

### LAB QUALIFIERS

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

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## QUALITY CONTROL DATA

Workorder: T1816067 SMP

|                         |                                                    |                  |          |
|-------------------------|----------------------------------------------------|------------------|----------|
| QC Batch:               | MICt/2343                                          | Analysis Method: | EPA 1603 |
| QC Batch Method:        | EPA 1603                                           | Prepared:        |          |
| Associated Lab Samples: | T1816067001, T1816067002, T1816067003, T1816067004 |                  |          |

METHOD BLANK: 2847003

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

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1816067 SMP

| Lab ID      | Sample ID | Prep Method | Prep Batch | Analysis Method | Analysis Batch |
|-------------|-----------|-------------|------------|-----------------|----------------|
| T1816067001 | G2SW0012  |             |            | EPA 1603        | MICt/2343      |
| T1816067002 | G2SW0067  |             |            | EPA 1603        | MICt/2343      |
| T1816067003 | G2SW0013  |             |            | EPA 1603        | MICt/2343      |
| T1816067004 | G2SW0060  |             |            | EPA 1603        | MICt/2343      |

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|                                                         |                    |                                                                                              |               |                                   |           |
|---------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------|---------------|-----------------------------------|-----------|
| Client Name: <b>FDEP SW Dist</b>                        |                    | Project Name: <b>SMP</b>                                                                     |               | Bottle Size & Type                |           |
| Address: 13051 N. Telecom Pkwy, Temple Terrace FL 33637 |                    | P.O. Number: <b>B370AE</b>                                                                   |               | Analysis Required: <b>E. COLI</b> |           |
| Phone: 813-470-5770                                     |                    | Project Address:                                                                             |               | LABORATORY I.D. #                 |           |
| Contact: Judy Ashton 813-470-5772                       |                    | Special Instructions: <b>RQ-2018-08-20-09</b>                                                |               |                                   |           |
| Sampled By:                                             |                    | Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH |               |                                   |           |
| Page: <b>2</b> of <b>3</b>                              |                    | <input type="checkbox"/> ADAPT <input type="checkbox"/> EQUIS <input type="checkbox"/> Other |               |                                   |           |
| SAMPLE ID                                               | SAMPLE DESCRIPTION | Site                                                                                         | SAMPLING DATE | MATRIX                            | NO. COUNT |
| Field ID/WIN                                            | G2SW0004           | Flint Creek @ SR301, TP39                                                                    |               | SW                                |           |
| Field ID/WIN                                            | G2SW0006           | Flint Creek @ Knights Griffin Rd                                                             |               | SW                                |           |
| Field ID/WIN                                            | G2SW0012           | Baker Creek @ Thonotosassa Rd                                                                |               | SW                                |           |
| Field ID/WIN                                            | G2SW0067           | Spartman Branch at Harvey Tew Rd                                                             |               | SW                                |           |
| Field ID/WIN                                            | G2SW0013           |                                                                                              |               | SW                                |           |

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)

Temperature when received: **4.5** (in degrees celsius)

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

FOR DRINKING WATER USE:





Advanced  
Environmental Laboratories, Inc.

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Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354  
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|                                |                                                                            |                                                                                              |                  |
|--------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------|
| Client Name:                   | FDEP SW Dist.                                                              | Project Name:                                                                                | SMP              |
| Address:                       | 13051 N. Telecom Pkwy, Temple Terrace FL 33637                             | P.O. Number:                                                                                 | B370AE           |
| Phone:                         | 813-470-5770                                                               | Project Address:                                                                             |                  |
| Contact:                       | Judy Ashton 813-470-5772                                                   | Special Instructions:                                                                        |                  |
| Sampled By:                    |                                                                            |                                                                                              |                  |
| Turn Around Time:              | <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH | RA-2018-09-20-09                                                                             |                  |
| Page:                          | 3 of 3                                                                     | <input type="checkbox"/> ADAPT <input type="checkbox"/> EQUIS <input type="checkbox"/> Other |                  |
| SAMPLE ID                      | SAMPLE DESCRIPTION                                                         | Grab and DATE TIME                                                                           | MATRIX NO. COUNT |
| Field IDWIN                    | G1SW0060                                                                   | 9/19/18 11:40 Sw 1                                                                           |                  |
| Site Name: Bellows Lake Outlet |                                                                            | Analysis Required                                                                            |                  |
|                                |                                                                            | ECOLI Per Client                                                                             |                  |
|                                |                                                                            | LABORATORY I.D. #                                                                            |                  |

|                                                                                                                                                                              |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank | Where required, pH checked                                                         |
| DCN: AD-051 Form last revised 04/30/2015                                                                                                                                     | Temperature when received 9.6 °C (in degrees Celsius)                              |
| Relinquished by: [Signature] Date: 9/19/18 Time: 1352                                                                                                                        | Received by: [Signature] Date: 9/19/18 Time: 1352                                  |
| 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                                                    |                                                                                    |
| PWS ID: FOR DRINKING WATER USE:                                                                                                                                              |                                                                                    |