



Advanced Environmental Laboratories, Inc.  
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August 23, 2017

Frances Moore  
Florida DEP - Bureau of Labs-Biology Section  
Twin Towers/LAB Complex A  
2600 Blair Stone Rd  
Tallahassee, FL 32399

RE: Workorder: G1707013 RQ-2017-08-14-18

Dear Frances Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, August 17, 2017. 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, appearing to read 'JB', is positioned above the printed name and email address.

Jessica Bunnell - Project Manager  
JBunnell@AELLab.com

Enclosures

Report ID: 504495 - 1071227

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## SAMPLE SUMMARY

Workorder: G1707013 RQ-2017-08-14-18

| Lab ID      | Sample ID | Matrix | Date Collected  | Date Received   |
|-------------|-----------|--------|-----------------|-----------------|
| G1707013001 | GINE0557  | Water  | 8/17/2017 10:05 | 8/17/2017 13:25 |
| G1707013002 | GINE0591  | Water  | 8/17/2017 09:30 | 8/17/2017 13:25 |
| G1707013003 | GINE0568  | Water  | 8/17/2017 11:00 | 8/17/2017 13:25 |
| G1707013004 | GINE0083  | Water  | 8/17/2017 10:30 | 8/17/2017 13:25 |
| G1707013005 | GINE0856  | Water  | 8/17/2017 12:45 | 8/17/2017 13:25 |
| G1707013006 | GINE0871  | Water  | 8/17/2017 11:45 | 8/17/2017 13:25 |

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## ANALYTICAL RESULTS

Workorder: G1707013 RQ-2017-08-14-18

Lab ID: **G1707013001** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0557** Date Collected: 08/17/17 10:05

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                                        | 40      | B    | #/100 mL                    | 10 | 10              | 10              | 8/17/2017 15:21 | G   |

Lab ID: **G1707013002** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0591** Date Collected: 08/17/17 09:30

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                                        | 190     | B    | #/100 mL                    | 10 | 10              | 10              | 8/17/2017 15:21 | G   |

Lab ID: **G1707013003** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0568** Date Collected: 08/17/17 11:00

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                                        | 70      | B    | #/100 mL                    | 10 | 10              | 10              | 8/17/2017 15:21 | G   |

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## ANALYTICAL RESULTS

Workorder: G1707013 RQ-2017-08-14-18

Lab ID: **G1707013004** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0083** Date Collected: 08/17/17 10:30

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                                        | 270     |      | #/100 mL                    | 10 | 10              | 10              | 8/17/2017 15:21 | G   |

Lab ID: **G1707013005** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0856** Date Collected: 08/17/17 12:45

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                                        | 1800    | B    | #/100 mL                    | 100 | 100             | 100             | 8/17/2017 15:21 | G   |

Lab ID: **G1707013006** Date Received: 08/17/17 13:25 Matrix: Water  
 Sample ID: **GINE0871** Date Collected: 08/17/17 11:45

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                                        | 130     | B    | #/100 mL                    | 10 | 10              | 10              | 8/17/2017 15:21 | G   |

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: G1707013 RQ-2017-08-14-18

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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.

### LAB QUALIFIERS

- G DOH Certification #E82001(AEL-G)(FL NELAC Certification)

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## QUALITY CONTROL DATA

Workorder: G1707013 RQ-2017-08-14-18

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QC Batch: MICg/2721 Analysis Method: EPA 1603  
QC Batch Method: EPA 1603 Prepared:  
Associated Lab Samples: G1707013001, G1707013002, G1707013003, G1707013004, G1707013005, G1707013006

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METHOD BLANK: 2442708

| 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

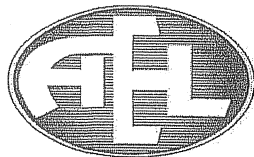
Workorder: G1707013 RQ-2017-08-14-18

| Lab ID      | Sample ID | Prep Method | Prep Batch | Analysis Method | Analysis Batch |
|-------------|-----------|-------------|------------|-----------------|----------------|
| G1707013001 | GINE0557  |             |            | EPA 1603        | MICg/2721      |
| G1707013002 | GINE0591  |             |            | EPA 1603        | MICg/2721      |
| G1707013003 | GINE0568  |             |            | EPA 1603        | MICg/2721      |
| G1707013004 | GINE0083  |             |            | EPA 1603        | MICg/2721      |
| G1707013005 | GINE0856  |             |            | EPA 1603        | MICg/2721      |
| G1707013006 | GINE0871  |             |            | EPA 1603        | MICg/2721      |

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**Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281  
**Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275  
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|                                                                                                                                                                                         |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--|--------------------|--|-----------------|--|--------------------|--|--------|--|-----------|--|----------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------|--|--|--|--|--|--|--|--|--|
| Client Name: <b>FDEP-NE ROC</b>                                                                                                                                                         |  | Project Name: <b>RQ-2017-08-14-18</b>                                                        |  | BOTTLE SIZE & TYPE |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  | LABORATORY I.D. NUMBER |  |  |  |  |  |  |  |  |  |
| Address: <b>8800 Baymeadows</b>                                                                                                                                                         |  | P.O. Number or Project Number:                                                               |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Phone: <b>904-256-1541</b>                                                                                                                                                              |  | FDEP Facility No:                                                                            |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| FAX:                                                                                                                                                                                    |  | Project Address:                                                                             |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Contact: <b>J. Parrish</b>                                                                                                                                                              |  | Special Instructions:                                                                        |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Sampled By: <b>N. Frederick/B. Davis</b>                                                                                                                                                |  |                                                                                              |  | ANALYSIS REQUIRED  |  | e. coli         |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH                                                                                            |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Page: <b>1</b> of <b>1</b>                                                                                                                                                              |  | <input type="checkbox"/> ADaPT <input type="checkbox"/> EQUIS <input type="checkbox"/> Other |  | PRESERVATION       |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| SAMPLE ID                                                                                                                                                                               |  | SAMPLE DESCRIPTION                                                                           |  |                    |  | Grab Comp       |  | SAMPLING DATE TIME |  | MATRIX |  | NO. COUNT |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Montecocha                                                                                                                                                                              |  | GINE0557                                                                                     |  | Grab               |  | 8/17/17 1005    |  | SW                 |  |        |  | 001       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Alligator                                                                                                                                                                               |  | GINE0591                                                                                     |  |                    |  |                 |  |                    |  |        |  | 002       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| <del>Adel</del>                                                                                                                                                                         |  | <del>GINE0594</del>                                                                          |  |                    |  | <del>1110</del> |  |                    |  |        |  | 0         |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Blues                                                                                                                                                                                   |  | GINE0568                                                                                     |  |                    |  | 1100            |  | SW                 |  |        |  | 003       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| L. Hatchett                                                                                                                                                                             |  | GINE0083                                                                                     |  |                    |  | 1030            |  |                    |  |        |  | 004       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Tumbler                                                                                                                                                                                 |  | GINE0856                                                                                     |  |                    |  | 1245            |  |                    |  |        |  | 005       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Hogtown                                                                                                                                                                                 |  | GINE0871                                                                                     |  |                    |  | 1145            |  |                    |  |        |  | 006       |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| 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 checked="" type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  | <input checked="" type="checkbox"/> Where required, pH checked Temperature when received <b>42</b> (in degrees celsius)          |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| DCN: AD-051 Form last revised 04/30/2015                                                                                                                                                |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  | Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A <b>G: LT-1</b> LT-2 T: 10A A: 3A M: 3A S: 1V |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| Relinquished by: <b>Brian Davis B=V</b> Date: <b>8/17/17</b> Time: <b>1325</b>                                                                                                          |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  | Received by: <b>Blair Orr</b> Date: <b>8/17/17</b> Time: <b>1325</b>                                                             |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| 1                                                                                                                                                                                       |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| 2                                                                                                                                                                                       |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                       |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                       |  |                                                                                              |  |                    |  |                 |  |                    |  |        |  |           |  |                                                                                                                                  |  |  |  |                        |  |  |  |  |  |  |  |  |  |

**FOR DRINKING WATER USE:**

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

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Supplier of Water: \_\_\_\_\_

Site-Address: \_\_\_\_\_