



Advanced Environmental Laboratories, Inc  
10200 USA Today Way Miramar, FL 33025  
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580  
Phone: (954)889-2288  
Fax: (954)889-2281

April 12, 2017

Jordan Skaggs  
Florida Department of Environmental Assessment & Restoration  
2199 S Rock Road  
Fort Pierce, FL 34945

RE: Workorder: M1701226 Dade Purple

Dear Jordan Skaggs:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, March 27, 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 that reads 'Tiffany Mackie'.

Tiffany Mackie - Client Services Manager  
TMackie@AELLab.com

Enclosures

### CERTIFICATE OF ANALYSIS

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## SAMPLE SUMMARY

Workorder: M1701226 Dade Purple

| Lab ID      | Sample ID                      | Matrix | Date Collected  | Date Received   |
|-------------|--------------------------------|--------|-----------------|-----------------|
| M1701226001 | G4SE0094 C-6 Miami Car         | Water  | 3/27/2017 11:00 | 3/27/2017 13:55 |
| M1701226002 | G4SElsc02 Wagner Creek (WC02)  | Water  | 3/27/2017 11:20 | 3/27/2017 13:55 |
| M1701226003 | 42009024 Miami Car @S26        | Water  | 3/27/2017 11:45 | 3/27/2017 13:55 |
| M1701226004 | G4SE0095 C-6 Miami Car         | Water  | 3/27/2017 12:15 | 3/27/2017 13:55 |
| M1701226005 | G4SELR10 C-7 Little Rlver /LR- | Water  | 3/27/2017 12:45 | 3/27/2017 13:55 |

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## ANALYTICAL RESULTS

Workorder: M1701226 Dade Purple

Lab ID: **M1701226001** Date Received: 03/27/17 13:55 Matrix: Water  
Sample ID: **G4SE0094 C-6 Miami Car** Date Collected: 03/27/17 11:00

Sample Description: Location:

| Parameters                                 | Results | Qual | Units                            | DF | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|--------------------------------------------|---------|------|----------------------------------|----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                        |         |      |                                  |    |                 |                 |                 |     |
| Analysis Desc: Enterococcus,EPA 1600,Water |         |      | Analytical Method: EPA 1600 (MF) |    |                 |                 |                 |     |
| Enterococcus                               | 43      | B    | #/100 mL                         | 4  | 4               | 4               | 3/23/2017 14:35 | M   |

Lab ID: **M1701226002** Date Received: 03/27/17 13:55 Matrix: Water  
Sample ID: **G4SElsc02 Wagner Creek (WC02)** Date Collected: 03/27/17 11:20

Sample Description: Location:

| Parameters                                 | Results | Qual | Units                            | DF | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|--------------------------------------------|---------|------|----------------------------------|----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                        |         |      |                                  |    |                 |                 |                 |     |
| Analysis Desc: Enterococcus,EPA 1600,Water |         |      | Analytical Method: EPA 1600 (MF) |    |                 |                 |                 |     |
| Enterococcus                               | 460     |      | #/100 mL                         | 10 | 10              | 10              | 3/23/2017 14:35 | M   |

Lab ID: **M1701226003** Date Received: 03/27/17 13:55 Matrix: Water  
Sample ID: **42009024 Miami Car @S26** Date Collected: 03/27/17 11:45

Sample Description: Location:

| Parameters                                 | Results | Qual | Units                            | DF | Adjusted<br>PQL | Adjusted<br>MDL | Analyzed        | Lab |
|--------------------------------------------|---------|------|----------------------------------|----|-----------------|-----------------|-----------------|-----|
| <b>Microbiology</b>                        |         |      |                                  |    |                 |                 |                 |     |
| Analysis Desc: Enterococcus,EPA 1600,Water |         |      | Analytical Method: EPA 1600 (MF) |    |                 |                 |                 |     |
| Enterococcus                               | 26      | B    | #/100 mL                         | 4  | 4               | 4               | 3/23/2017 14:35 | M   |

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## ANALYTICAL RESULTS

Workorder: M1701226 Dade Purple

Lab ID: **M1701226004** Date Received: 03/27/17 13:55 Matrix: Water  
Sample ID: **G4SE0095 C-6 Miami Car** Date Collected: 03/27/17 12:15

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                                        | 31      | B    | #/100 mL                    | 1  | 1               | 1               | 3/27/2017 12:55 | M^  |

Lab ID: **M1701226005** Date Received: 03/27/17 13:55 Matrix: Water  
Sample ID: **G4SELR10 C-7 Little River /LR-** Date Collected: 03/27/17 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                                        | 231     |      | #/100 mL                    | 1  | 1               | 1               | 3/27/2017 12:55 | M^  |

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: M1701226 Dade Purple

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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

- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)
- M^ Not Certified

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## QUALITY CONTROL DATA

Workorder: M1701226 Dade Purple

QC Batch: MICm/1680 Analysis Method: EPA 1603  
QC Batch Method: EPA 1603 Prepared:  
Associated Lab Samples: M1701226004, M1701226005

METHOD BLANK: 2310862

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

METHOD BLANK: 2310863

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

QC Batch: MICm/1681 Analysis Method: EPA 1600 (MF)  
QC Batch Method: EPA 1600 (MF) Prepared:  
Associated Lab Samples: M1701226001, M1701226002, M1701226003

METHOD BLANK: 2310885

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

METHOD BLANK: 2310886

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

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: M1701226 Dade Purple

| Lab ID      | Sample ID                      | Prep Method | Prep Batch | Analysis Method | Analysis Batch |
|-------------|--------------------------------|-------------|------------|-----------------|----------------|
| M1701226004 | G4SE0095 C-6 Miami Car         |             |            | EPA 1603        | MICm/1680      |
| M1701226005 | G4SELR10 C-7 Little Rlver /LR- |             |            | EPA 1603        | MICm/1680      |
| M1701226001 | G4SE0094 C-6 Miami Car         |             |            | EPA 1600 (MF)   | MICm/1681      |
| M1701226002 | G4SElsc02 Wagner Creek (WC02)  |             |            | EPA 1600 (MF)   | MICm/1681      |
| M1701226003 | 42009024 Miami Car @S26        |             |            | EPA 1600 (MF)   | MICm/1681      |

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**Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352-333-1111  
**Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32256 • 904-731-1111  
**Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954-861-1111  
**Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32309 • 904-487-1111  
**Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813-634-1111

M1701226

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