

# FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597  
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986  
812 SW Harvey Green Dr, Madison, FL 32340  
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)  
Phone: 772-343-8006 E86562 (South Lab)  
Phone: 850-973-6878 E82405 (North Lab)  
Phone: 305-743-8598 E35834 (Keys Lab)

FDEP - Port St. Lucie  
2199 S. Rock Rd.  
Ft. Pierce, FL 34945

PO #: RQ-2018-10-22-18  
Client Project #: SMP-St. Johns  
Date Sampled: Oct 25, 2018  
Oct 26, 2018; Invoice: 382110

## Report Summary

Date Received: Oct 25, 2018

FCL Project Manager: Michael D. Conner

| Laboratory # | Sample Description | Analysis | Chemist | Location  | SampleMatrix  |
|--------------|--------------------|----------|---------|-----------|---------------|
| 382110AQ1    | Lab Blank Ecoli    | SM9223B  | DDB     | South Lab | Water         |
| 382110SW1    | G3SE0024           | SM9223B  | DDB     | South Lab | Surface Water |
| 382110SW2    | G3SE0025           | SM9223B  | DDB     | South Lab | Surface Water |
| 382110SW3    | G3SE0026           | SM9223B  | DDB     | South Lab | Surface Water |
| 382110SW4    | Lab Dup 0026       | SM9223B  | DDB     | South Lab | Surface Water |

## Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.  
President/Technical Director



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## Analysis Report

|                         |               |                                   |           |                              |            |                 |               |              |                 |          |
|-------------------------|---------------|-----------------------------------|-----------|------------------------------|------------|-----------------|---------------|--------------|-----------------|----------|
| <b>Lab #:</b> 382110AQ1 |               | <b>Sampled:</b> 10/25/18 03:40 PM |           | <b>Desc:</b> Lab Blank Ecoli |            |                 |               |              |                 |          |
| <b>Parameter</b>        | <b>Result</b> | <b>Units</b>                      | <b>DF</b> | <b>MDL</b>                   | <b>PQL</b> | <b>QC Batch</b> | <b>Method</b> | <b>CAS #</b> | <b>Analyzed</b> |          |
| E. Coli                 | 1.00 U        | mpn/100mL                         | 1.00      | 1.00                         | 1.00       | 10386973        | SM9223B       |              | 10/25/18        | 04:15 PM |
| <b>Lab #:</b> 382110SW1 |               | <b>Sampled:</b> 10/25/18 01:20 PM |           | <b>Desc:</b> G3SE0024        |            |                 |               |              |                 |          |
| <b>Parameter</b>        | <b>Result</b> | <b>Units</b>                      | <b>DF</b> | <b>MDL</b>                   | <b>PQL</b> | <b>QC Batch</b> | <b>Method</b> | <b>CAS #</b> | <b>Analyzed</b> |          |
| E. Coli                 | 105           | mpn/100mL                         | 1.00      | 1.00                         | 1.00       | 10386973        | SM9223B       |              | 10/25/18        | 04:15 PM |
| <b>Lab #:</b> 382110SW2 |               | <b>Sampled:</b> 10/25/18 01:30 PM |           | <b>Desc:</b> G3SE0025        |            |                 |               |              |                 |          |
| <b>Parameter</b>        | <b>Result</b> | <b>Units</b>                      | <b>DF</b> | <b>MDL</b>                   | <b>PQL</b> | <b>QC Batch</b> | <b>Method</b> | <b>CAS #</b> | <b>Analyzed</b> |          |
| E. Coli                 | 210           | mpn/100mL                         | 1.00      | 1.00                         | 1.00       | 10386973        | SM9223B       |              | 10/25/18        | 04:15 PM |
| <b>Lab #:</b> 382110SW3 |               | <b>Sampled:</b> 10/25/18 02:00 PM |           | <b>Desc:</b> G3SE0026        |            |                 |               |              |                 |          |
| <b>Parameter</b>        | <b>Result</b> | <b>Units</b>                      | <b>DF</b> | <b>MDL</b>                   | <b>PQL</b> | <b>QC Batch</b> | <b>Method</b> | <b>CAS #</b> | <b>Analyzed</b> |          |
| E. Coli                 | 5.10          | mpn/100mL                         | 1.00      | 1.00                         | 1.00       | 10386973        | SM9223B       |              | 10/25/18        | 04:15 PM |
| <b>Lab #:</b> 382110SW4 |               | <b>Sampled:</b> 10/25/18 03:40 PM |           | <b>Desc:</b> Lab Dup 0026    |            |                 |               |              |                 |          |
| <b>Parameter</b>        | <b>Result</b> | <b>Units</b>                      | <b>DF</b> | <b>MDL</b>                   | <b>PQL</b> | <b>QC Batch</b> | <b>Method</b> | <b>CAS #</b> | <b>Analyzed</b> |          |
| E. Coli                 | 5.20          | mpn/100mL                         | 1.00      | 1.00                         | 1.00       | 10386973        | SM9223B       |              | 10/25/18        | 04:15 PM |



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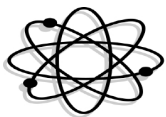
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## Narrative Report

### Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results WERE READ ON 10/26/18 AT 11:25AM.

### Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

### Attachments

Chain of Custody

| Qualifier | Meaning                                                                                                          |
|-----------|------------------------------------------------------------------------------------------------------------------|
| U         | Compound was analyzed for but not detected.                                                                      |
| J         | Estimated value; one or more QC components associated with this data value exceed current QC limits.             |
| Q         | Sample held beyond the accepted holding time.                                                                    |
| L         | Off-scale high; reported concentration exceeds the highest standard.                                             |
| V         | Analyte was detected in both the sample and the associated method blank.                                         |
| W         | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.                                             |
| Z         | Too numerous to count colonies on plate.                                                                         |
| A         | Absent                                                                                                           |
| P         | Present                                                                                                          |
| T         | Value reported is less than the statistical method detection limit. Reported for informational purposes only.    |
| M         | Value reported is greater than the statistical method detection limit, but less than the reported MDL.           |
| G         | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.                |
| S         | The least of the dilutions performed did not yield sufficient oxygen residual for valid data.                    |
| O         | Result is greater than (over) the specified value.                                                               |
| I         | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B         | Results based upon colony plate count outside ideal range.                                                       |
| Y         | The laboratory analysis was from an improperly preserved sample. The data may not be accurate.                   |