



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-2018-11-12-14
Client Project #: SMP-Ft. Pierce
Date Sampled: Nov 15, 2018
Nov 19, 2018; Invoice: 384039

Report Summary

Date Received: Nov 15, 2018

FCL Project Manager: Michael D. Conner

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
384039AQ1	Lab Blank Ecoli	SM9223B	DDB	South Lab	Water
384039AQ2	Lab Blank Entro	ENTEROLERT	DDB	South Lab	Water
384039SW1	G2SE0001	SM9223B	DDB	South Lab	Surface Water
384039SW2	G2SE0025	ENTEROLERT	DDB	South Lab	Surface Water
384039SW3	G2SE0016	ENTEROLERT	DDB	South Lab	Surface Water
384039SW4	G2SE0008	SM9223B	DDB	South Lab	Surface Water
384039SW5	G2SE0009	SM9223B	DDB	South Lab	Surface Water
384039SW6	Lab Dup Ecoli 0009	SM9223B	DDB	South Lab	Surface Water
384039SW7	Lab Dup Entro 0016	ENTEROLERT	DDB	South Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP 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

Lab #: 384039AQ1		Sampled: 11/15/18 04:00 PM		Desc: Lab Blank Ecoli						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	1.00 U	mpn/100mL	1.00	1.00	1.00	10388836	SM9223B		11/15/18	04:35 PM
Lab #: 384039AQ2		Sampled: 11/15/18 04:00 PM		Desc: Lab Blank Entro						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0 U	mpn/100mL	10.0	10.0	10.0	10388971	ENTEROLERT		11/15/18	04:25 PM
Lab #: 384039SW1		Sampled: 11/15/18 12:20 PM		Desc: G2SE0001						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	48.0	mpn/100mL	1.00	1.00	1.00	10388836	SM9223B		11/15/18	04:35 PM
Lab #: 384039SW2		Sampled: 11/15/18 01:45 PM		Desc: G2SE0025						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	3170	mpn/100mL	10.0	10.0	10.0	10388971	ENTEROLERT		11/15/18	04:25 PM
Lab #: 384039SW3		Sampled: 11/15/18 02:00 PM		Desc: G2SE0016						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	561	mpn/100mL	10.0	10.0	10.0	10388971	ENTEROLERT		11/15/18	04:25 PM
Lab #: 384039SW4		Sampled: 11/15/18 02:40 PM		Desc: G2SE0008						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	299	mpn/100mL	1.00	1.00	1.00	10388836	SM9223B		11/15/18	04:35 PM
Lab #: 384039SW5		Sampled: 11/15/18 03:10 PM		Desc: G2SE0009						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	148	mpn/100mL	1.00	1.00	1.00	10388836	SM9223B		11/15/18	04:35 PM



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Lab #: 384039SW6		Sampled: 11/15/18 04:00 PM		Desc: Lab Dup Ecoli 0009						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	129	mpn/100mL	1.00	1.00	1.00	10388836	SM9223B		11/15/18	04:35 PM
Lab #: 384039SW7		Sampled: 11/15/18 04:00 PM		Desc: Lab Dup Entro 0016						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	623	mpn/100mL	10.0	10.0	10.0	10388971	ENTEROLERT		11/15/18	04:25 PM



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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 : E COLI ON 11/16/18 AT 11:40AM. AND ENTERO ON 11/16/18 AT 4:40PM.

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.