



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-2018-10-22-20
Client Project #: SMP Boca E-Canals
Date Sampled: Oct 24, 2018
Oct 26, 2018; Invoice: 381988

Report Summary

Date Received: Oct 24, 2018

FCL Project Manager: Michael D. Conner

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
381988AQ1	Lab Blk Ecoli	SM9223B	DDB	South Lab	Water
381988AQ2	Lab Blk Entro	ENTEROLERT	DDB	South Lab	Water
381988SW1	G3SE0028	ENTEROLERT	DDB	South Lab	Surface Water
381988SW2	G3SE0034	SM9223B	DDB	South Lab	Surface Water
381988SW3	G3SE0020	SM9223B	DDB	South Lab	Surface Water
381988SW4	G3SE0010	SM9223B	DDB	South Lab	Surface Water
381988SW5	G3SE0006	SM9223B	DDB	South Lab	Surface Water
381988SW6	G3SE0011	SM9223B	DDB	South Lab	Surface Water
381988SW7	G3SE0005	SM9223B	DDB	South Lab	Surface Water
381988SW8	Lab Dup Ecoli 0005	SM9223B	DDB	South Lab	Surface Water
381988SW9	Lab Dup Entro 0028	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 #: 381988AQ1	Sampled: 10/24/18 04:25 PM	Desc: Lab Blk 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	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988AQ2	Sampled: 10/24/18 04:25 PM	Desc: Lab Blk Entro								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	1.00 U	mpn/100mL	1.00	1.00	1.00	10386962	ENTEROLERT		10/24/18	04:40 PM
Lab #: 381988SW1	Sampled: 10/24/18 12:05 PM	Desc: G3SE0028								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10386962	ENTEROLERT		10/24/18	04:40 PM
Lab #: 381988SW2	Sampled: 10/24/18 12:35 PM	Desc: G3SE0034								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	3.10	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW3	Sampled: 10/24/18 01:10 PM	Desc: G3SE0020								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	2420 J	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW4	Sampled: 10/24/18 01:30 PM	Desc: G3SE0010								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	150	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW5	Sampled: 10/24/18 02:20 PM	Desc: G3SE0006								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	25.9	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM



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Lab #: 381988SW6		Sampled: 10/24/18 02:40 PM		Desc: G3SE0011						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	435	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW7		Sampled: 10/24/18 03:00 PM		Desc: G3SE0005						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	8.60	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW8		Sampled: 10/24/18 04:25 PM		Desc: Lab Dup Ecoli 0005						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	7.50	mpn/100mL	1.00	1.00	1.00	10386936	SM9223B		10/24/18	05:00 PM
Lab #: 381988SW9		Sampled: 10/24/18 04:25 PM		Desc: Lab Dup Entro 0028						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10386962	ENTEROLERT		10/24/18	04:40 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 REPORTED ON E COLI 10/25/18 AT 1:15PM. ENTERO WERE READ ON 10/25/18 AT 5PM.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below. "J" flag indicates: All Quanti-Tray wells were positive. Result may be higher than reported.

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.