



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
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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-2018-09-17-24
Client Project #: SMP-E Canals
Date Sampled: Sep 18, 2018
Sep 20, 2018; Invoice: 378367

Report Summary

Date Received: Sep 18, 2018

FCL Project Manager: Michael D. Conner

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
378367AQ1	Lab Blk Ecoli	SM9223B	DDB	South Lab	Water
378367AQ2	Lab Blk Entro	ENTEROLERT	DDB	South Lab	Water
378367SW1	G3SE0028	ENTEROLERT	DDB	South Lab	Surface Water
378367SW2	G3SE0012	ENTEROLERT	DDB	South Lab	Surface Water
378367SW3	G3SE0034	SM9223B	DDB	South Lab	Surface Water
378367SW4	G3SE0010	SM9223B	DDB	South Lab	Surface Water
378367SW5	G3SE0006	SM9223B	DDB	South Lab	Surface Water
378367SW6	G3SE0011	SM9223B	DDB	South Lab	Surface Water
378367SW7	G3SE0005	SM9223B	DDB	South Lab	Surface Water
378367SW8	Lab Dup Ecoli 0005	SM9223B	DDB	South Lab	Surface Water
378367SW9	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 #: 378367AQ1	Sampled: 09/18/18 03:35 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	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367AQ2	Sampled: 09/18/18 03:35 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	10383379	ENTEROLERT		09/18/18	04:15 PM
Lab #: 378367SW1	Sampled: 09/18/18 10:20 AM	Desc: G3SE0028								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0 U	mpn/100mL	10.0	10.0	10.0	10383379	ENTEROLERT		09/18/18	04:15 PM
Lab #: 378367SW2	Sampled: 09/18/18 11:05 AM	Desc: G3SE0012								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10383379	ENTEROLERT		09/18/18	04:15 PM
Lab #: 378367SW3	Sampled: 09/18/18 11:35 AM	Desc: G3SE0034								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	16.0	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367SW4	Sampled: 09/18/18 01:00 PM	Desc: G3SE0010								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	50.4	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367SW5	Sampled: 09/18/18 01:30 PM	Desc: G3SE0006								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	68.3	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM



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Lab #: 378367SW6		Sampled: 09/18/18 01:45 PM		Desc: G3SE0011						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	866	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367SW7		Sampled: 09/18/18 02:10 PM		Desc: G3SE0005						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	6.30	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367SW8		Sampled: 09/18/18 03:35 PM		Desc: Lab Dup Ecoli 0005						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	5.20	mpn/100mL	1.00	1.00	1.00	10383337	SM9223B		09/18/18	04:35 PM
Lab #: 378367SW9		Sampled: 09/18/18 03:35 PM		Desc: Lab Dup Entro 0028						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0	mpn/100mL	10.0	10.0	10.0	10383379	ENTEROLERT		09/18/18	04:15 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 FOR E COLI WERE READ ON 09/19/18 AT 11:45AM.
RESULTS FOR ENTERO WERE READ ON 9/19/18 AT 4:30PM.

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.