

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-2018-06-11-21
Client Project #: SMP-Martin, revised 8/21/18
Date Sampled: Aug 14, 2018
Aug 15, 2018; Invoice: 374881

Report Summary

Date Received: Aug 14, 2018

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
374881AQ1	Lab Blank E. coli	SM9223B	DDB	South Lab	Water
374881AQ2	Lab Blank Enterococci	ENTEROLERT	DDB	South Lab	Water
374881SW1	G2SE0015	SM9223B	DDB	South Lab	Surface Water
374881SW2	G2SE0032	SM9223B	DDB	South Lab	Surface Water
374881SW3	G2SE0018	SM9223B	DDB	South Lab	Surface Water
374881SW4	G2SE0017	ENTEROLERT	DDB	South Lab	Surface Water
374881SW5	G2SE0034	ENTEROLERT	DDB	South Lab	Surface Water
374881SW6	G2SE0038	SM9223B	DDB	South Lab	Surface Water
374881SW7	G2SE0011	SM9223B	DDB	South Lab	Surface Water
374881SW8	Lab Dup E.coli 0011	SM9223B	DDB	South Lab	Surface Water
374881SW9	Lab Dup Entero 0034	ENTEROLERT	DDB	South Lab	Surface Water
374881SW10	63SE0033	SM9223B	DDB	South Lab	Surface Water
374881SW11	63SE0009	SM9223B	DDB	South Lab	Surface Water
374881SW12	G3SE0032	SM9223B	DDB	South Lab	Surface Water
374881SW13	63SE0006	SM9223B	DDB	South Lab	Surface Water
374881SW14	63SE0036	SM9223B	DDB	South Lab	Surface Water
374881SW15	63SE0007	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

Lab #: 374881AQ1	Sampled: 08/14/18 03:30 PM	Desc: Lab Blank E. coli								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	1.00 U	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881AQ2	Sampled: 08/14/18 03:30 PM	Desc: Lab Blank Enterococci								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0 U	mpn/100mL	10.0	10.0	10.0	10380325	ENTEROLERT		08/14/18	04:10 PM
Lab #: 374881SW1	Sampled: 08/14/18 11:00 AM	Desc: G2SE0015								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	236	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW2	Sampled: 08/14/18 11:20 AM	Desc: G2SE0032								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	3.10	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW3	Sampled: 08/14/18 11:45 AM	Desc: G2SE0018								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	548	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW4	Sampled: 08/14/18 12:40 PM	Desc: G2SE0017								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	443	mpn/100mL	10.0	10.0	10.0	10380325	ENTEROLERT		08/14/18	04:10 PM
Lab #: 374881SW5	Sampled: 08/14/18 01:30 PM	Desc: G2SE0034								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	247	mpn/100mL	10.0	10.0	10.0	10380325	ENTEROLERT		08/14/18	04:10 PM



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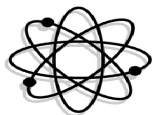
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Lab #: 374881SW6 Sampled: 08/14/18 02:00 PM Desc: G2SE0038										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	2420 J	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW7 Sampled: 08/14/18 02:40 PM Desc: G2SE0011										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	85.7	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW8 Sampled: 08/14/18 03:30 PM Desc: Lab Dup E.coli 0011										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	82.0	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW9 Sampled: 08/14/18 03:30 PM Desc: Lab Dup Entero 0034										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	259	mpn/100mL	10.0	10.0	10.0	10380325	ENTEROLERT		08/14/18	04:10 PM
Lab #: 374881SW10 Sampled: 08/14/18 01:00 PM Desc: 63SE0033										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	248	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW11 Sampled: 08/14/18 01:20 PM Desc: 63SE0009										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	162	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW12 Sampled: 08/14/18 01:45 PM Desc: G3SE0032										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	63.7	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18	05:15 PM
Lab #: 374881SW13 Sampled: 08/14/18 02:20 PM Desc: 63SE0006										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	



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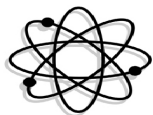
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Lab #: 374881SW13 Sampled: 08/14/18 02:20 PM Desc: 63SE0006									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
E. Coli	115	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18 05:15 PM
Lab #: 374881SW14 Sampled: 08/14/18 02:40 PM Desc: 63SE0036									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
E. Coli	90.9	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18 05:15 PM
Lab #: 374881SW15 Sampled: 08/14/18 03:35 PM Desc: 63SE0007									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
E. Coli	79.8	mpn/100mL	1.00	1.00	1.00	10380259	SM9223B		08/14/18 05:15 PM



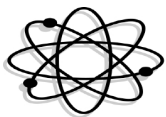
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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. This report is revised and re-issued to correct the Sample ID for SW7. Results were read on 8/15/18 at 11:30AM for E. coli and 16:25PM for Enterococci.

Quality Control

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

Additional Comments

"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.