

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-2018-06-11-22
Client Project #: SMP-Loxah Revised 8/13/18
Date Sampled: Aug 2, 2018
Aug 6, 2018; Invoice: 373698

Report Summary

Date Received: Aug 2, 2018

FCL Project Manager: June S. Flowers

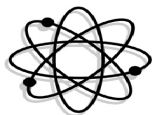
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
373698AQ1	Lab Blank Enterococci	ENTEROLERT	DDB	South Lab	Water
373698AQ2	Lab Blank E. coli	SM9223B	DDB	South Lab	Water
373698SW1	G2SE0029	ENTEROLERT	DDB	South Lab	Surface Water
373698SW2	G2SE0005	ENTEROLERT	DDB	South Lab	Surface Water
373698SW3	G2SE0035	SM9223B	DDB	South Lab	Surface Water
373698SW4	G2SE0020	SM9223B	DDB	South Lab	Surface Water
373698SW5	G2SE0036	ENTEROLERT	DDB	South Lab	Surface Water
		SM9222 D	DDB	South Lab	
373698SW6	G2SE0021	ENTEROLERT	DDB	South Lab	Surface Water
		SM9222 D	DDB	South Lab	
373698SW7	G2SE0027	ENTEROLERT	DDB	South Lab	Surface Water
373698SW8	G3SE0023	SM9223B	DDB	South Lab	Surface Water
373698SW9	Lab Dup Enterococci 0027	ENTEROLERT	DDB	South Lab	Surface Water
373698SW10	Lab Dup E. coli 0023	SM9223B	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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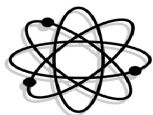
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Analysis Report

Lab #: 373698AQ1	Sampled: 08/02/18 02:35 PM	Desc: Lab Blank Enterococci								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	1.00 U	mpn/100mL	1.00	1.00	1.00	10379351	ENTEROLERT		08/02/18	03:10 PM
Lab #: 373698AQ2	Sampled: 08/02/18 02:35 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	10379350	SM9223B		08/02/18	03:25 PM
Lab #: 373698SW1	Sampled: 08/02/18 09:50 AM	Desc: G2SE0029								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	364	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Lab #: 373698SW2	Sampled: 08/02/18 10:05 AM	Desc: G2SE0005								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	738	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Lab #: 373698SW3	Sampled: 08/02/18 11:00 AM	Desc: G2SE0035								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	63.0	mpn/100mL	10.0	10.0	10.0	10379350	SM9223B		08/02/18	03:25 PM
Lab #: 373698SW4	Sampled: 08/02/18 11:05 AM	Desc: G2SE0020								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	20.0	mpn/100mL	10.0	10.0	10.0	10379350	SM9223B		08/02/18	03:25 PM
Lab #: 373698SW5	Sampled: 08/02/18 12:25 PM	Desc: G2SE0036								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Fecal Coliform	56.0	cfu/100mL	2.00	2.00	2.00	10379383	SM9222 D	E761792	08/02/18	03:35 PM



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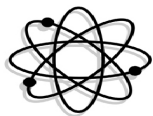
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Lab #: 373698SW6		Sampled: 08/02/18 12:35 PM		Desc: G2SE0021						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	84.0	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Fecal Coliform	34.0 B	cfu/100mL	1.60	1.60	1.60	10379383	SM9222 D	E761792	08/02/18	03:35 PM
Lab #: 373698SW7		Sampled: 08/02/18 01:05 PM		Desc: G2SE0027						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	31.0	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Lab #: 373698SW8		Sampled: 08/02/18 01:40 PM		Desc: G3SE0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	238	mpn/100mL	10.0	10.0	10.0	10379350	SM9223B		08/02/18	03:25 PM
Lab #: 373698SW9		Sampled: 08/02/18 02:35 PM		Desc: Lab Dup Enterococci 0027						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10379351	ENTEROLERT		08/02/18	03:10 PM
Lab #: 373698SW10		Sampled: 08/02/18 02:35 PM		Desc: Lab Dup E. coli 0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	223	mpn/100mL	10.0	10.0	10.0	10379350	SM9223B		08/02/18	03:25 PM



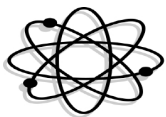
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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. This report is reissued with the correct date (year) sampled for SW2. Results were read on 8/3/18 at 9:45AM for E. coli, 14:05PM for Fecal Coliform and 15:20PM for Enterococci.

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.