



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-2018-05-21-23 & 24
Client Project #: SMP-Loxah & SMP Martin
Date Sampled: Jul 25, 2018
Jul 27, 2018; Invoice: 372872

Report Summary

Date Received: Jul 25, 2018

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
372872AQ1	Lab Blank Enterococci	ENTEROLERT	DDB	South Lab	Water
372872AQ2	Lab Blank E.coli	SM9223B	DDB	South Lab	Water
372872SW1	G2SE0029	ENTEROLERT	DDB	South Lab	Surface Water
372872SW2	G2SE0005	ENTEROLERT	DDB	South Lab	Surface Water
372872SW3	G3SE0023	SM9223B	DDB	South Lab	Surface Water
372872SW4	G2SE0027	ENTEROLERT	DDB	South Lab	Surface Water
372872SW5	Lab Dup Entro 0029	ENTEROLERT	DDB	South Lab	Surface Water
372872SW6	Lab Dup Ecoli 0023	SM9223B	DDB	South Lab	Surface Water
372872SW7	G2SE0015	SM9223B	DDB	South Lab	Surface Water
372872SW8	G2SE0018	SM9223B	DDB	South Lab	Surface Water
372872SW9	G2SE0017	ENTEROLERT	DDB	South Lab	Surface Water
372872SW10	G2SE0032	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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Analysis Report

Lab #: 372872AQ1		Sampled: 07/25/18 04:05 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	10378498	ENTEROLERT		07/25/18	04:50 PM
Lab #: 372872AQ2		Sampled: 07/25/18 04:05 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	10378497	SM9223B		07/25/18	05:00 PM
Lab #: 372872SW1		Sampled: 07/25/18 11:10 AM		Desc: G2SE0029						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	228	mpn/100mL	10.0	10.0	10.0	10378498	ENTEROLERT		07/25/18	04:50 PM
Lab #: 372872SW2		Sampled: 07/25/18 12:10 PM		Desc: G2SE0005						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0	mpn/100mL	10.0	10.0	10.0	10378498	ENTEROLERT		07/25/18	04:50 PM
Lab #: 372872SW3		Sampled: 07/25/18 01:50 PM		Desc: G3SE0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	110	mpn/100mL	1.00	1.00	1.00	10378497	SM9223B		07/25/18	05:00 PM
Lab #: 372872SW4		Sampled: 07/25/18 02:40 PM		Desc: G2SE0027						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	1340	mpn/100mL	10.0	10.0	10.0	10378498	ENTEROLERT		07/25/18	04:50 PM
Lab #: 372872SW5		Sampled: 07/25/18 04:05 PM		Desc: Lab Dup Entro 0029						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	259	mpn/100mL	10.0	10.0	10.0	10378498	ENTEROLERT		07/25/18	04:50 PM



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Lab #: 372872SW6		Sampled: 07/25/18 04:05 PM		Desc: Lab Dup Ecoli 0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	102	mpn/100mL	1.00	1.00	1.00	10378497	SM9223B		07/25/18	05:00 PM
Lab #: 372872SW7		Sampled: 07/25/18 01:00 PM		Desc: G2SE0015						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	40.4	mpn/100mL	1.00	1.00	1.00	10378497	SM9223B		07/25/18	05:00 PM
Lab #: 372872SW8		Sampled: 07/25/18 01:30 PM		Desc: G2SE0018						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	52.0	mpn/100mL	1.00	1.00	1.00	10378497	SM9223B		07/25/18	05:00 PM
Lab #: 372872SW9		Sampled: 07/25/18 01:50 PM		Desc: G2SE0017						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	116	mpn/100mL	10.0	10.0	10.0	10378498	ENTEROLERT		07/25/18	04:50 PM
Lab #: 372872SW10		Sampled: 07/25/18 02:10 PM		Desc: G2SE0032						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	19.9	mpn/100mL	1.00	1.00	1.00	10378497	SM9223B		07/25/18	05:00 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 on 7/26/18 at 11:20AM for E.coli and 5:05PM 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.