



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-2017-04-03-25
Client Project #: G2 Jupiter
Date Sampled: Apr 25, 2017
Apr 26, 2017; Invoice: 330162

Report Summary

Date Received: Apr 25, 2017

FCL Project Manager: Philip D. Loucks

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
330162SW1	G2SE0011	SM9223B	DDB	South Lab	Surface Water
330162SW2	G2SE0020	SM9223B	DDB	South Lab	Surface Water
330162SW3	G2SE0023	SM9222 D	DDB	South Lab	Surface Water
330162SW4	G2SE0027	SM9222 D	DDB	South Lab	Surface Water
330162SW5	G2SE0021	SM9222 D	DDB	South Lab	Surface Water
330162SW6	G2SE0023	ENTEROLERT	DDB	South Lab	Surface Water
330162SW7	G2SE0021	ENTEROLERT	DDB	South Lab	Surface Water
330162SW8	G2SE0027	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 #: 330162SW1		Sampled: 04/25/17 12:00 PM		Desc: G2SE0011						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	28.1	mpn/100mL	1.00	1.00	1.00	10339835	SM9223B		04/25/17	05:50 PM
Lab #: 330162SW2		Sampled: 04/25/17 02:30 PM		Desc: G2SE0020						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	150	mpn/100mL	1.00	1.00	1.00	10339835	SM9223B		04/25/17	05:50 PM
Lab #: 330162SW3		Sampled: 04/25/17 01:10 PM		Desc: G2SE0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Fecal Coliform	16.0 B	cfu/100mL	1.60	1.60	1.60	10339896	SM9222 D	E761792	04/25/17	05:35 PM
Lab #: 330162SW4		Sampled: 04/25/17 01:40 PM		Desc: G2SE0027						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Fecal Coliform	2700	cfu/100mL	100	100	100	10339896	SM9222 D	E761792	04/25/17	05:35 PM
Lab #: 330162SW5		Sampled: 04/25/17 02:00 PM		Desc: G2SE0021						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Fecal Coliform	440	cfu/100mL	10.0	10.0	10.0	10339896	SM9222 D	E761792	04/25/17	05:35 PM
Lab #: 330162SW6		Sampled: 04/25/17 01:10 PM		Desc: G2SE0023						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	132	mpn/100mL	10.0	10.0	10.0	10339895	ENTEROLERT		04/25/17	05:15 PM
Lab #: 330162SW7		Sampled: 04/25/17 02:00 PM		Desc: G2SE0021						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10339895	ENTEROLERT		04/25/17	05:15 PM



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Lab #: 330162SW8 Sampled: 04/25/17 01:40 PM Desc: G2SE0027

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Enterococci	1210	mpn/100mL	10.0	10.0	10.0	10339895	ENTEROLERT		04/25/17 05:15 PM



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Quality Report

Quality Control Batch: 10339835

Analyst: DDB

Blank

E. Coli

Result

1.00U

Units

mpn/100mL

Quality Control Batch: 10339895

Analyst: DDB

Blank

Enterococci

Result

1.00U

Units

mpn/100mL

Quality Control Batch: 10339896

Analyst: DDB

Blank

Fecal Coliform

Result

1.00U

Units

cfu/100mL



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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 are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

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.