



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-2017-04-17-35
Client Project #: SMP G5 North
Date Sampled: Apr 19, 2017
Apr 21, 2017; Invoice: 329713

Report Summary

Date Received: Apr 19, 2017

FCL Project Manager: Philip D. Loucks

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
329713SW1	G5SE0050	SM9223B	DDB	South Lab	Surface Water
329713SW2	G5SE0043	SM9223B	DDB	South Lab	Surface Water
329713SW3	G5SE0043	ENTEROLERT	DDB	South Lab	Surface Water
329713SW4	G5SE0045	SM9223B	DDB	South Lab	Surface Water
329713SW5	G5SE0045	ENTEROLERT	DDB	South Lab	Surface Water
329713SW6	G5SE0044	SM9223B	DDB	South Lab	Surface Water
329713SW7	G5SE0044	ENTEROLERT	DDB	South Lab	Surface Water
329713SW8	Blank	SM9223B	DDB	South Lab	Surface Water
329713SW9	Blank	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 #: 329713SW1	Sampled: 04/19/17 10:55 AM	Desc: G5SE0050								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	2420	mpn/100mL	1.00	1.00	1.00	10339404	SM9223B		04/19/17	04:35 PM
Lab #: 329713SW2	Sampled: 04/19/17 10:10 AM	Desc: G5SE0043								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	142	mpn/100mL	1.00	1.00	1.00	10339404	SM9223B		04/19/17	04:35 PM
Lab #: 329713SW3	Sampled: 04/19/17 10:10 AM	Desc: G5SE0043								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	20.0	mpn/100mL	10.0	10.0	10.0	10339394	ENTEROLERT		04/19/17	04:20 PM
Lab #: 329713SW4	Sampled: 04/19/17 09:40 AM	Desc: G5SE0045								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	51.2	mpn/100mL	1.00	1.00	1.00	10339404	SM9223B		04/19/17	04:35 PM
Lab #: 329713SW5	Sampled: 04/19/17 09:40 AM	Desc: G5SE0045								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	30.0	mpn/100mL	10.0	10.0	10.0	10339394	ENTEROLERT		04/19/17	04:20 PM
Lab #: 329713SW6	Sampled: 04/19/17 09:00 AM	Desc: G5SE0044								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	129	mpn/100mL	1.00	1.00	1.00	10339404	SM9223B		04/19/17	04:35 PM
Lab #: 329713SW7	Sampled: 04/19/17 09:00 AM	Desc: G5SE0044								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	31.0	mpn/100mL	10.0	10.0	10.0	10339394	ENTEROLERT		04/19/17	04:20 PM



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Lab #: 329713SW8		Sampled: 04/19/17 09:45 AM		Desc: Blank						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	1.00 U	mpn/100mL	1.00	1.00	1.00	10339404	SM9223B		04/19/17	04:35 PM
Lab #: 329713SW9		Sampled: 04/19/17 09:45 AM		Desc: Blank						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Enterococci	10.0 U	mpn/100mL	10.0	10.0	10.0	10339394	ENTEROLERT		04/19/17	04:20 PM



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Quality Report

Quality Control Batch: 10339394

Analyst: DDB

Blank

Enterococci

Result

1.00U

Units

mpn/100mL

Quality Control Batch: 10339404

Analyst: DDB

Blank

E. Coli

Result

1.00U

Units

mpn/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.