



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-Jacksonville
8800 Baymeadowsway, Suite 100
Jacksonville, FL 32256

PO #: n/a
Client Project #: SMP-SUW NORTH 2
Date Sampled: Mar 28, 2017
Mar 29, 2017; Invoice: 327540

Report Summary

Date Received: Mar 28, 2017

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
327540SW1	21010064	SM9223B	AML	North Lab	Surface Water
327540SW2	21010051	SM9223B	AML	North Lab	Surface Water
327540SW3	21010033	SM9223B	AML	North Lab	Surface Water
327540SW4	21020063	SM9223B	AML	North Lab	Surface Water
327540SW5	21020004 FLA	SM9223B	AML	North Lab	Surface Water
327540SW6	21010054	SM9223B	AML	North 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 #: 327540SW1		Sampled: 03/28/17 10:00 AM		Desc: 21010064						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	238	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM
Lab #: 327540SW2		Sampled: 03/28/17 10:20 AM		Desc: 21010051						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	114	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM
Lab #: 327540SW3		Sampled: 03/28/17 10:40 AM		Desc: 21010033						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	613	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM
Lab #: 327540SW4		Sampled: 03/28/17 11:20 AM		Desc: 21020063						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	261	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM
Lab #: 327540SW5		Sampled: 03/28/17 12:15 PM		Desc: 21020004 FLA						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	113	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM
Lab #: 327540SW6		Sampled: 03/28/17 12:40 PM		Desc: 21010054						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	248	mpn/100mL	1.00	1.00	1.00	10337390	SM9223B		03/28/17	04:00 PM



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Quality Report

Quality Control Batch: 10337390

Analyst: AML

Blank

Result

Units

E. Coli

1.00U

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.