



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-2018-02-19-40
Client Project #: SMP-E Canals
Date Sampled: Aug 13, 2018
Aug 14, 2018; Invoice: 374676

Report Summary

Date Received: Aug 13, 2018

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
374676AQ1	Lab Blank	SM9223B	DDB	South Lab	Water
374676SW1	G3SE0008	SM9223B	DDB	South Lab	Surface Water
374676SW2	G3SE0034	SM9223B	DDB	South Lab	Surface Water
374676SW3	G3SE0010	SM9223B	DDB	South Lab	Surface Water
374676SW4	G3SE0035	SM9223B	DDB	South Lab	Surface Water
374676SW5	Lab Dup 0035	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 #: 374676AQ1		Sampled: 08/13/18 03:40 PM		Desc: Lab 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	10380160	SM9223B		08/13/18	04:55 PM
Lab #: 374676SW1		Sampled: 08/13/18 11:30 AM		Desc: G3SE0008						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	78.9	mpn/100mL	1.00	1.00	1.00	10380160	SM9223B		08/13/18	04:55 PM
Lab #: 374676SW2		Sampled: 08/13/18 12:05 PM		Desc: G3SE0034						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	17.5	mpn/100mL	1.00	1.00	1.00	10380160	SM9223B		08/13/18	04:55 PM
Lab #: 374676SW3		Sampled: 08/13/18 12:20 PM		Desc: G3SE0010						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	461	mpn/100mL	1.00	1.00	1.00	10380160	SM9223B		08/13/18	04:55 PM
Lab #: 374676SW4		Sampled: 08/13/18 12:55 PM		Desc: G3SE0035						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	50.4	mpn/100mL	1.00	1.00	1.00	10380160	SM9223B		08/13/18	04:55 PM
Lab #: 374676SW5		Sampled: 08/13/18 03:40 PM		Desc: Lab Dup 0035						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	53.9	mpn/100mL	1.00	1.00	1.00	10380160	SM9223B		08/13/18	04:55 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 are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

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.