

FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407-339-5984 Fax 407-260-6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772-343-8006 Fax 772-343-8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

City of Key West
PO Box 6434
Key West, FL 33041-6464

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 22, 2008
May 6, 2008; Invoice: 64449

Report Summary

Date Received: Apr 22, 2008

FCL Project Manager: June S. Flowers

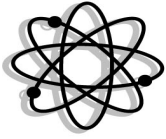
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
64449SW1	GBM-1-S	EPA1664	CCP	Main Lab	Surface Water
		SM9222 B	DDB	South Lab	
		SM9222 D	MMA	South Lab	
64449SW2	GBM-2-S	EPA1664	CCP	Main Lab	Surface Water
		SM9222 B	DDB	South Lab	
		SM9222 D	MMA	South Lab	
64449SW3	GBM-3-S	EPA1664	CCP	Main Lab	Surface Water
		SM9222 B	DDB	South Lab	
		SM9222 D	MMA	South Lab	
64449SW4	GBM-4-S	EPA1664	CCP	Main Lab	Surface Water
		SM9222 B	DDB	South Lab	
		SM9222 D	MMA	South Lab	
64449SW5	GBM-5-S	EPA1664	CCP	Main Lab	Surface Water
		SM9222 B	DDB	South Lab	
		SM9222 D	MMA	South Lab	
64449SW6	GBM-1-S Duplicate	EPA1664	CCP	Main Lab	Surface Water
64449SW7	GBM-2-S Duplicate	EPA1664	CCP	Main Lab	Surface Water
64449SW8	GBM-3-S Duplicate	EPA1664	CCP	Main Lab	Surface Water
64449SW9	GBM-4-S Duplicate	EPA1664	CCP	Main Lab	Surface Water
64449SW10	GBM-5-S Duplicate	EPA1664	CCP	Main Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC 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





FLOWERS CHEMICAL LABORATORIES INC.

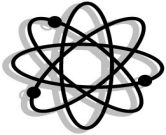
P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

City of Key West
PO Box 6434
Key West, FL 33041-6464

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 22, 2008
May 6, 2008; Invoice: 64449

Analysis Report

Lab #:	Sampled:	Desc:	Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lab #: 64449SW1	Sampled: 04/22/08 08:48 AM	Desc: GBM-1-S	Total Coliform	100	cfu/100mL	100	100	100	10103152	SM9222 B	E761700	04/22/08 03:15 PM
			Fecal_Coliform	1.00	cfu/100mL	1.00	1.00	1.00	10103154	SM9222 D	E761792	04/22/08 02:50 PM
			Oil+Grease (HEM)	1.05 I	mgHx/L	1.00	1.00	4.00	10103353	EPA1664	36-82-9	04/29/08
Lab #: 64449SW2	Sampled: 04/22/08 08:50 AM	Desc: GBM-2-S	Total Coliform	100	cfu/100mL	100	100	100	10103152	SM9222 B	E761700	04/22/08 03:15 PM
			Fecal_Coliform	1.00 U	cfu/100mL	1.00	1.00	1.00	10103154	SM9222 D	E761792	04/22/08 02:50 PM
			Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103353	EPA1664	36-82-9	04/29/08
Lab #: 64449SW3	Sampled: 04/22/08 08:55 AM	Desc: GBM-3-S	Total Coliform	400	cfu/100mL	100	100	100	10103152	SM9222 B	E761700	04/22/08 03:15 PM
			Fecal_Coliform	22.0	cfu/100mL	1.00	1.00	1.00	10103154	SM9222 D	E761792	04/22/08 02:50 PM
			Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103353	EPA1664	36-82-9	04/29/08
Lab #: 64449SW4	Sampled: 04/22/08 09:00 AM	Desc: GBM-4-S	Total Coliform	3200	cfu/100mL	100	100	100	10103152	SM9222 B	E761700	04/22/08 03:15 PM
			Fecal_Coliform	12.0	cfu/100mL	1.00	1.00	1.00	10103154	SM9222 D	E761792	04/22/08 02:50 PM
			Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08
Lab #: 64449SW5	Sampled: 04/22/08 09:05 AM	Desc: GBM-5-S	Total Coliform	200	cfu/100mL	100	100	100	10103152	SM9222 B	E761700	04/22/08 03:15 PM
			Fecal_Coliform	145 B	cfu/100mL	1.00	1.00	1.00	10103154	SM9222 D	E761792	04/22/08 02:50 PM
			Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08



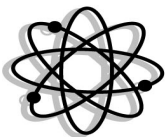
FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

City of Key West
PO Box 6434
Key West, FL 33041-6464

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 22, 2008
May 6, 2008; Invoice: 64449

Lab #:	Sampled:	Desc:	Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
64449SW6	04/22/08 08:48 AM	GBM-1-S Duplicate	Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08
64449SW7	04/22/08 08:50 AM	GBM-2-S Duplicate	Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08
64449SW8	04/22/08 08:55 AM	GBM-3-S Duplicate	Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08
64449SW9	04/22/08 09:00 AM	GBM-4-S Duplicate	Oil+Grease (HEM)	1.05 I	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08
64449SW10	04/22/08 09:05 AM	GBM-5-S Duplicate	Oil+Grease (HEM)	1.00 U	mgHx/L	1.00	1.00	4.00	10103620	EPA1664	36-82-9	05/02/08



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

City of Key West
PO Box 6434
Key West, FL 33041-6464

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 22, 2008
May 6, 2008; Invoice: 64449

Quality Report

Quality Control Batch: 10103152

Analyst: DDB

Blank

Total Coliform

Result

1.00U

Units

cfu/100mL

Quality Control Batch: 10103154

Analyst: MMA

Blank

Fecal_Coliform

Result

1.00U

Units

cfu/100mL

Quality Control Batch: 10103353

Analyst: CCP

Blank

Oil+Grease (HEM)

Result

1.00U

Units

mgHx/L

Laboratory Control Sample

Oil+Grease (HEM)

Result

37.1

Units

mgHx/L

Spike

40.2

%REC

92.29

%REC Lim

29.34-148.81

Quality Control Batch: 10103620

Analyst: CCP

Blank

Oil+Grease (HEM)

Result

1.00U

Units

mgHx/L

Laboratory Control Sample

Oil+Grease (HEM)

Result

40.3

Units

mgHx/L

Spike

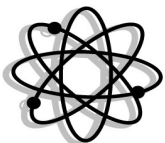
40.2

%REC

100.25

%REC Lim

29.34-148.81



City of Key West
PO Box 6434
Key West, FL 33041-6464

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 22, 2008
May 6, 2008; Invoice: 64449

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by FCL. 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	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
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.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
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.