

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 10, 2008
Apr 28, 2008; Invoice: 64723

Report Summary

Date Received: Apr 24, 2008

FCL Project Manager: June S. Flowers

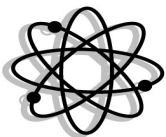
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
64723SW1	SW Retention Pond	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Surface Water

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.

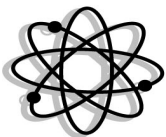
P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

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

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 10, 2008
Apr 28, 2008; Invoice: 64723

Analysis Report

Lab #:	Sampled:	Desc:	Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
64723SW1	04/10/08 02:30 PM	SW Retention Pond	Iron	0.302	mg/L	1.00	0.0100	0.0200	10103132	EPA200.7	7439-89-6	04/25/08
			Lead	0.0170	mg/L	1.00	0.00100	0.00200	10103134	EPA200.8	7439-92-1	04/25/08
			Zinc	0.179	mg/L	1.00	0.0100	0.0200	10103134	EPA200.8	7440-66-6	04/25/08



FLOWERS CHEMICAL LABORATORIES INC.

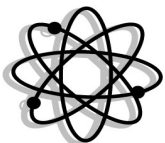
P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
 8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
 P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

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

PO #: n/a
 Client Project #: Garrison Bight Marina
 Date Sampled: Apr 10, 2008
 Apr 28, 2008; Invoice: 64723

Quality Report

Quality Control Batch: 10103132		Analyst: EVB						
Blank	Result	Units						
Iron	0.0100U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Iron	10.3	mg/L	10.0	103.10	84.93-112.47			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
Iron	5.06	mg/L	5.00	92.22	62.28-142.55	0.454		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	5.04	mg/L	5.00	91.70	62.28-142.55	0.454	0.51	22.46
Quality Control Batch: 10103134		Analyst: EVB						
Blank	Result	Units						
Lead	0.00100U	mg/L						
Zinc	0.0100U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Lead	0.104	mg/L	0.100	103.52	85.29-122.99			
Zinc	0.107	mg/L	0.100	106.59	78.11-124.45			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
Lead	0.0997	mg/L	0.0800	96.40	65.33-149.14	0.0226		
Zinc	0.445	mg/L	0.0800	91.74	49.35-144.25	0.371		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Lead	0.108	mg/L	0.0800	106.16	65.33-149.14	0.0226	7.54	25.57
Zinc	0.462	mg/L	0.0800	112.96	49.35-144.25	0.371	3.75	25.37



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

PO #: n/a
Client Project #: Garrison Bight Marina
Date Sampled: Apr 10, 2008
Apr 28, 2008; Invoice: 64723

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	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.