

# 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

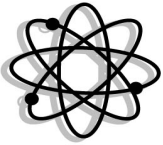
PO #: n/a  
Client Project #: Bight Ferry Terminal  
Date Sampled: Apr 23, 2008  
May 9, 2008; Invoice: 64722

## Report Summary

Date Received: Apr 24, 2008

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
64722SW1	KWBFT-4-S	EPA350.1	PCW	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		SM5210 B	CCP	Main Lab	
64722SW2	KWBFT-4-S Duplicate	TotNit			Surface Water
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
64722SW3	KWBFT-4-M	SM5210 B	CCP	Main Lab	Surface Water
		TotNit			
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
64722SW4	KWBFT-4-M Duplicate	EPA365.4	VLB	Main Lab	Surface Water
		SM5210 B	CCP	Main Lab	
		TotNit			
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
64722SW5	KWBFT-4-B	EPA365.1	PCW	Main Lab	Surface Water
		EPA365.4	VLB	Main Lab	
		EPA8270	CLS	Main Lab	
		SM3500-Cr B	EVB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
64722SW6	KWBFT-4-B Duplicate	XBNE	CDG	Main Lab	Surface Water
		EPA200.8	EVB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	



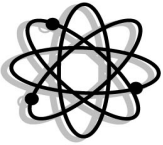
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		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA8270	CLS	Main Lab	
		SM3500-Cr B	EVb	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
		XBNE	CDG	Main Lab	
64722SW7	KWBFT-6-S	EPA350.1	PCW	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
64722SW8	KWBFT-6-S Duplicate	EPA350.1	PCW	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
64722SW9	KWBFT-6-M	EPA350.1	PCW	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
64722SW10	KWBFT-6-M Duplicate	EPA350.1	PCW	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
64722SW11	KWBFT-6-B	EPA200.8	EVb	Main Lab	Surface Water
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA8270	CLS	Main Lab	
		SM3500-Cr B	EVb	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
		XBNE	CDG	Main Lab	



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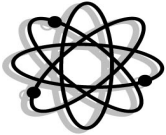
64722SW12	KWBFT-6-B Duplicate	EPA200.8	EVB	Main Lab	Surface Water
		EPA350.1	PCW	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.1	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA8270	CLS	Main Lab	
		SM3500-Cr B	EVB	Main Lab	
		SM5210 B	CCP	Main Lab	
		TotNit			
		XBNE	CDG	Main Lab	

### 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





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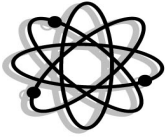
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### Analysis Report

Lab #:	Sampled:	Desc:								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analized	
Lab #: 64722SW1	Sampled: 04/23/08 03:25 PM	Desc: KWBFT-4-S								
Total Nitrogen(as N)	0.678		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:23 AM	
Nitrate(as N)	0.142	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08 11:18 AM	
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08 11:18 AM	
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM	
Total Phosphorous(as P)	0.660	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.536	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	
Lab #: 64722SW2	Sampled: 04/23/08 03:30 PM	Desc: KWBFT-4-S Duplicate								
Total Nitrogen(as N)	0.618		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:26 AM	
Nitrate(as N)	0.117	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08 11:22 AM	
Nitrite(as N)	0.0233 I	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08 11:22 AM	
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM	
Total Phosphorous(as P)	0.572	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.478	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	
Lab #: 64722SW3	Sampled: 04/23/08 03:30 PM	Desc: KWBFT-4-M								
Total Nitrogen(as N)	0.393		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:27 AM	



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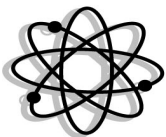
City of Key West  
PO Box 6434  
Key West, FL 33041-6464

PO #: n/a  
Client Project #: Bight Ferry Terminal  
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Lab #: 64722SW3 Sampled: 04/23/08 03:30 PM Desc: KWBFT-4-M										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Nitrate(as N)	0.0316	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:23 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:23 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.698	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.362 I	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW4 Sampled: 04/23/08 03:25 PM Desc: KWBFT-4-M Duplicate										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.514		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:28 AM
Nitrate(as N)	0.0315	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:24 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:24 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.778	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.483	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW5 Sampled: 04/23/08 03:35 PM Desc: KWBFT-4-B										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.733		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:28 AM
Nitrate(as N)	0.0299	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:25 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:25 AM
Arsenic	0.183	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-38-2	04/25/08	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-43-9	04/25/08	
Copper	0.0264	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-50-8	04/25/08	



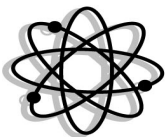
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Lab #:	Sampled:	Desc:								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Lead	0.00951	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7439-92-1	04/25/08	
Zinc	0.0407	mg/L	1.00	0.0100	0.0200	10103136	EPA200.8	7440-66-6	04/25/08	
Chromium, Hexavalent	0.0100 U	mg/L	1.00	0.0100	0.0200	10103155	SM3500-Cr B	1333-82-0	04/28/08 08:35 AM	
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM	
Total Phosphorous(as P)	0.588	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.704	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
1-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	090-12-0	05/06/08	
2-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-57-6	05/06/08	
Acenaphthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	83-32-9	05/06/08	
Acenaphthylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	208-96-8	05/06/08	
Anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	120-12-7	05/06/08	
Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	56-55-3	05/06/08	
Benzo(a)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	50-32-8	05/06/08	
Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.200	10103755	EPA8270	205-99-2	05/06/08	
Benzo(g,h,i)perylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	191-24-2	05/06/08	
Benzo(k)fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	207-08-9	05/06/08	
Chrysene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	218-01-9	05/06/08	
Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	53-70-3	05/06/08	
Fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	206-44-0	05/06/08	
Fluorene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	86-73-7	05/06/08	
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	193-39-5	05/06/08	
Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-20-3	05/06/08	
Phenanthrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	85-01-8	05/06/08	
Pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	129-00-0	05/06/08	
Surr:2-Fluorobiphenyl (148-222%)	65.74%		1.00	0.0100	0.0200	10103755	EPA8270	321-60-8	05/06/08	
Surr:Nitrobenzene-d5 (148-222%)	85.00%		1.00	0.0100	0.400	10103755	EPA8270		05/06/08	
Surr:Terphenyl-d14 (175-263%)	143.04%		1.00	0.0100	0.0200	10103755	EPA8270		05/06/08	
Base_Neutral_Extraction	1000	mL	1.00			10103766	XBNE		04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	



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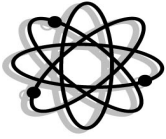
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64722SW5	04/23/08 03:35 PM	KWBFT-4-B	Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08

Lab #:	Sampled:	Desc:	Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
64722SW6	04/23/08 03:35 PM	KWBFT-4-B Duplicate	Total Nitrogen(as N)	0.591		0				TotNit	17778-88-0	
			Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:29 AM
			Nitrate(as N)	0.0305	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08 11:26 AM
			Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08 11:26 AM
			Arsenic	0.169	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-38-2	04/25/08
			Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-43-9	04/25/08
			Copper	0.0211	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-50-8	04/25/08
			Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7439-92-1	04/25/08
			Zinc	0.0317	mg/L	1.00	0.0100	0.0200	10103136	EPA200.8	7440-66-6	04/25/08
			Chromium, Hexavalent	0.0100 U	mg/L	1.00	0.0100	0.0200	10103155	SM3500-Cr B	1333-82-0	04/28/08 08:35 AM
			BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM
			Total Phosphorous(as P)	0.706	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08
			TKN(as N)	0.561	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08
			1-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	090-12-0	05/06/08
			2-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-57-6	05/06/08
			Acenaphthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	83-32-9	05/06/08
			Acenaphthylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	208-96-8	05/06/08
			Anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	120-12-7	05/06/08
			Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	56-55-3	05/06/08
			Benzo(a)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	50-32-8	05/06/08
			Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.200	10103755	EPA8270	205-99-2	05/06/08
			Benzo(g,h,i)perylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	191-24-2	05/06/08
			Benzo(k)fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	207-08-9	05/06/08
			Chrysene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	218-01-9	05/06/08
			Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	53-70-3	05/06/08



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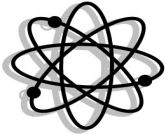
PO #: n/a  
 Client Project #: Bight Ferry Terminal  
 Date Sampled: Apr 23, 2008  
 May 9, 2008; Invoice: 64722

Lab #: 64722SW6 Sampled: 04/23/08 03:35 PM Desc: KWBFT-4-B Duplicate										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	206-44-0	05/06/08	
Fluorene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	86-73-7	05/06/08	
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	193-39-5	05/06/08	
Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-20-3	05/06/08	
Phenanthrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	85-01-8	05/06/08	
Pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	129-00-0	05/06/08	
Surr:2-Fluorobiphenyl (148-222%)	70.72%		1.00	0.0100	0.0200	10103755	EPA8270	321-60-8	05/06/08	
Surr:Nitrobenzene-d5 (148-222%)	98.44%		1.00	0.0100	0.400	10103755	EPA8270		05/06/08	
Surr:Terphenyl-d14 (175-263%)	140.88%		1.00	0.0100	0.0200	10103755	EPA8270		05/06/08	
Base_Neutral_Extraction	1000	mL	1.00			10103766	XBNE		04/30/08	
Ammonia (as N)	0.0243	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000138 I	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW7 Sampled: 04/23/08 03:55 PM Desc: KWBFT-6-S										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.537		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:30 AM
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:27 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:27 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.805	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.527	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW8 Sampled: 04/23/08 03:55 PM Desc: KWBFT-6-S Duplicate										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.429		0				TotNit	17778-88-0		





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

PO #: n/a  
 Client Project #: Bight Ferry Terminal  
 Date Sampled: Apr 23, 2008  
 May 9, 2008; Invoice: 64722

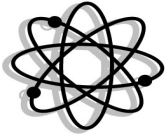
Lab #: 64722SW8 Sampled: 04/23/08 03:55 PM Desc: KWBFT-6-S Duplicate										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:31 AM
Nitrate(as N)	0.0312	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:28 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:28 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.771	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	0.398 I	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW9 Sampled: 04/23/08 04:00 PM Desc: KWBFT-6-M										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	1.38		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:32 AM
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:29 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:29 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.812	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	
TKN(as N)	1.37	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08	

Lab #: 64722SW10 Sampled: 04/23/08 04:00 PM Desc: KWBFT-6-M Duplicate										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.507		0				TotNit	17778-88-0		
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08	09:33 AM
Nitrate(as N)	0.0324	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08	11:30 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08	11:30 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08	12:00 PM
Total Phosphorous(as P)	0.826	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08	



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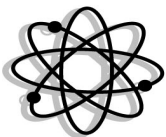
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City of Key West  
 PO Box 6434  
 Key West, FL 33041-6464

PO #: n/a  
 Client Project #: Bight Ferry Terminal  
 Date Sampled: Apr 23, 2008  
 May 9, 2008; Invoice: 64722

Lab #: 64722SW10 Sampled: 04/23/08 04:00 PM Desc: KWBFT-6-M Duplicate									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
TKN(as N)	0.474	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08

Lab #: 64722SW11 Sampled: 04/23/08 04:05 PM Desc: KWBFT-6-B									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	0.573		0				TotNit	17778-88-0	
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:35 AM
Nitrate(as N)	0.194	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08 11:35 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08 11:35 AM
Arsenic	0.164	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-38-2	04/25/08
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-43-9	04/25/08
Copper	0.0195	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-50-8	04/25/08
Lead	0.00639	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7439-92-1	04/25/08
Zinc	0.0427	mg/L	1.00	0.0100	0.0200	10103136	EPA200.8	7440-66-6	04/25/08
Chromium, Hexavalent	0.0100 U	mg/L	1.00	0.0100	0.0200	10103156	SM3500-Cr B	1333-82-0	04/28/08 08:35 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM
Total Phosphorous(as P)	0.707	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08
TKN(as N)	0.379 I	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08
1-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	090-12-0	05/06/08
2-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-57-6	05/06/08
Acenaphthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	83-32-9	05/06/08
Acenaphthylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	208-96-8	05/06/08
Anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	120-12-7	05/06/08
Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	56-55-3	05/06/08
Benzo(a)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	50-32-8	05/06/08
Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.200	10103755	EPA8270	205-99-2	05/06/08
Benzo(g,h,i)perylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	191-24-2	05/06/08
Benzo(k)fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	207-08-9	05/06/08



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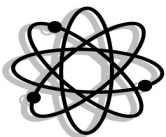
PO #: n/a  
 Client Project #: Bight Ferry Terminal  
 Date Sampled: Apr 23, 2008  
 May 9, 2008; Invoice: 64722

**Lab #:** 64722SW11 **Sampled:** 04/23/08 04:05 PM **Desc:** KWBFT-6-B

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chrysene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	218-01-9	05/06/08
Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	53-70-3	05/06/08
Fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	206-44-0	05/06/08
Fluorene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	86-73-7	05/06/08
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	193-39-5	05/06/08
Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-20-3	05/06/08
Phenanthrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	85-01-8	05/06/08
Pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	129-00-0	05/06/08
Surr:2-Fluorobiphenyl (148-222%)	68.18%		1.00	0.0100	0.0200	10103755	EPA8270	321-60-8	05/06/08
Surr:Nitrobenzene-d5 (148-222%)	98.02%		1.00	0.0100	0.400	10103755	EPA8270		05/06/08
Surr:Terphenyl-d14 (175-263%)	144.82%		1.00	0.0100	0.0200	10103755	EPA8270		05/06/08
Base_Neutral_Extraction	1000	mL	1.00			10103766	XBNE		04/30/08
Ammonia (as N)	0.145	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08
Unionized NH3(as N)	0.000821	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08

**Lab #:** 64722SW12 **Sampled:** 04/23/08 04:05 PM **Desc:** KWBFT-6-B Duplicate

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	0.603		0				TotNit	17778-88-0	
Orthophosphate(as P)	0.00200 U	mg/L	1.00	0.00200	0.00400	10103087	EPA365.1	14265-44-2	04/25/08 09:36 AM
Nitrate(as N)	0.0288	mg/L	1.00	0.0100	0.0200	10103093	EPA353.2	14797-55-8	04/25/08 11:36 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10103093	EPA353.2	14797-65-0	04/25/08 11:36 AM
Arsenic	0.168	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-38-2	04/25/08
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-43-9	04/25/08
Copper	0.0200	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7440-50-8	04/25/08
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10103136	EPA200.8	7439-92-1	04/25/08
Zinc	0.0370	mg/L	1.00	0.0100	0.0200	10103136	EPA200.8	7440-66-6	04/25/08
Chromium, Hexavalent	0.0100 U	mg/L	1.00	0.0100	0.0200	10103156	SM3500-Cr B	1333-82-0	04/28/08 08:35 AM
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10103440	SM5210 B	E1640606	04/25/08 12:00 PM
Total Phosphorous(as P)	0.759	mg/L	1.00	0.100	0.200	10103648	EPA365.4	7723-14-0	04/30/08



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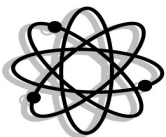
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City of Key West  
 PO Box 6434  
 Key West, FL 33041-6464

PO #: n/a  
 Client Project #: Bight Ferry Terminal  
 Date Sampled: Apr 23, 2008  
 May 9, 2008; Invoice: 64722

**Lab #:** 64722SW12 **Sampled:** 04/23/08 04:05 PM **Desc:** KWBFT-6-B Duplicate

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
TKN(as N)	0.574	mg/L	1.00	0.200	0.400	10103650	EPA351.2	7727-37-9	04/30/08
1-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	090-12-0	05/06/08
2-methyl-Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-57-6	05/06/08
Acenaphthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	83-32-9	05/06/08
Acenaphthylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	208-96-8	05/06/08
Anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	120-12-7	05/06/08
Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	56-55-3	05/06/08
Benzo(a)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	50-32-8	05/06/08
Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.200	10103755	EPA8270	205-99-2	05/06/08
Benzo(g,h,i)perylene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	191-24-2	05/06/08
Benzo(k)fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	207-08-9	05/06/08
Chrysene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	218-01-9	05/06/08
Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	53-70-3	05/06/08
Fluoranthene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	206-44-0	05/06/08
Fluorene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	86-73-7	05/06/08
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	193-39-5	05/06/08
Naphthalene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	91-20-3	05/06/08
Phenanthrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	85-01-8	05/06/08
Pyrene	0.200 U	ug/L	1.00	0.200	0.400	10103755	EPA8270	129-00-0	05/06/08
Surr:2-Fluorobiphenyl (148-222%)	60.88%		1.00	0.0100	0.0200	10103755	EPA8270	321-60-8	05/06/08
Surr:Nitrobenzene-d5 (148-222%)	90.66%		1.00	0.0100	0.400	10103755	EPA8270		05/06/08
Surr:Terphenyl-d14 (175-263%)	132.84%		1.00	0.0100	0.0200	10103755	EPA8270		05/06/08
Base_Neutral_Extraction	1000	mL	1.00			10103766	XBNE		04/30/08
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10103925	EPA350.1	7664-41-7	05/09/08
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10103928	EPA350.1		05/09/08



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

PO #: n/a  
Client Project #: Bight Ferry Terminal  
Date Sampled: Apr 23, 2008  
May 9, 2008; Invoice: 64722

### Quality Report

**Quality Control Batch:** 10103093 **Analyst:** PCW

Blank	Result	Units
Nitrate(as N)	0.0100U	mg/L
Nitrite(as N)	0.0200U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Nitrate(as N)	1.93	mg/L	2.00	96.50	80.00-120.00
Nitrite(as N)	0.988	mg/L	1.00	98.80	80.00-120.00

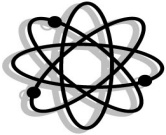
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Nitrate(as N)	3.86	mg/L	4.00	92.95	80.00-120.00	0.142
Nitrite(as N)	3.74	mg/L	4.00	93.85	80.00-120.00	-0.0141

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Nitrate(as N)	3.86	mg/L	4.00	92.95	80.00-120.00	0.142	0.00	20.00
Nitrite(as N)	3.74	mg/L	4.00	93.85	80.00-120.00	-0.0141	0.00	20.00

**Quality Control Batch:** 10103136 **Analyst:** EVB

Blank	Result	Units
Arsenic	0.00100U	mg/L
Cadmium	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Arsenic	0.210	mg/L	0.200	105.16	76.69-122.02
Cadmium	0.211	mg/L	0.200	105.28	83.55-122.24



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Quality Control Batch: 10103136		Analyst: EVB			
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Copper	0.210	mg/L	0.200	105.24	84.94-123.97
Lead	0.221	mg/L	0.200	110.32	90.62-122.65
Zinc	0.223	mg/L	0.200	111.50	80.98-122.30

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Arsenic	0.366	mg/L	0.200	106.40	72.43-140.81	0.154
Cadmium	0.218	mg/L	0.200	109.12	77.67-136.39	0.00100U
Copper	0.224	mg/L	0.200	100.54	55.09-143.14	0.0226
Lead	0.209	mg/L	0.200	103.64	73.93-150.56	0.00166
Zinc	0.254	mg/L	0.200	108.91	54.51-142.91	0.0359

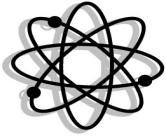
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Arsenic	0.391	mg/L	0.200	118.79	72.43-140.81	0.154	6.54	33.14
Cadmium	0.233	mg/L	0.200	116.69	77.67-136.39	0.00100U	6.70	30.49
Copper	0.239	mg/L	0.200	108.27	55.09-143.14	0.0226	6.68	24.08
Lead	0.225	mg/L	0.200	111.81	73.93-150.56	0.00166	7.52	24.91
Zinc	0.266	mg/L	0.200	115.31	54.51-142.91	0.0359	4.93	24.70

Quality Control Batch: 10103155		Analyst: EVB			
Blank	Result	Units			
Chromium, Hexavalent	0.0100U	mg/L			

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Chromium, Hexavalent	0.0914	mg/L	0.100	91.37	80.00-120.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Chromium, Hexavalent	0.0466	mg/L	0.0500	93.21	80.00-120.00	0.0100U

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim



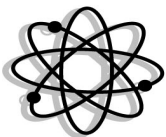
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Quality Control Batch: 10103155		Analyst: EVB						
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chromium, Hexavalent	0.0469	mg/L	0.0500	93.75	80.00-120.00	0.0100U	0.58	20.00
Quality Control Batch: 10103156		Analyst: EVB						
Blank	Result	Units						
Chromium, Hexavalent	0.0100U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Chromium, Hexavalent	0.0908	mg/L	0.100	90.77	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
Chromium, Hexavalent	0.0466	mg/L	0.0500	93.21	80.00-120.00	0.0100U		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chromium, Hexavalent	0.0469	mg/L	0.0500	93.75	80.00-120.00	0.0100U	0.58	20.00
Quality Control Batch: 10103440		Analyst: CCP						
Blank	Result	Units						
BOD5day	2.00U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
BOD5day	197	mg/L	198	99.36	70.21-117.96			
Quality Control Batch: 10103648		Analyst: VLB						
Blank	Result	Units						
Total Phosphorous(as P)	0.100U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Total Phosphorous(as P)	2.15	mg/L	2.00	107.60	84.77-111.07			



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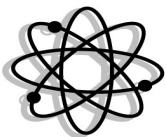
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<b>Quality Control Batch:</b> 10103648	<b>Analyst:</b> VLB					
<b>Matrix Spike</b>	<b>Result</b>	<b>Units</b>	<b>Spike</b>	<b>%REC</b>	<b>%REC Lim</b>	<b>Sample</b>
Total Phosphorous(as P)	1.97	mg/L	1.50	112.30	81.14-116.06	0.286

<b>Quality Control Batch:</b> 10103650	<b>Analyst:</b> VLB					
<b>Blank</b>	<b>Result</b>	<b>Units</b>				
TKN(as N)	0.200U	mg/L				
<b>Laboratory Control Sample</b>	<b>Result</b>	<b>Units</b>	<b>Spike</b>	<b>%REC</b>	<b>%REC Lim</b>	
TKN(as N)	4.12	mg/L	4.00	102.96	82.56-111.48	
<b>Matrix Spike</b>	<b>Result</b>	<b>Units</b>	<b>Spike</b>	<b>%REC</b>	<b>%REC Lim</b>	<b>Sample</b>
TKN(as N)	3.57	mg/L	3.00	107.02	70.42-125.50	0.362

<b>Quality Control Batch:</b> 10103755	<b>Analyst:</b> CLS	
<b>Blank</b>	<b>Result</b>	<b>Units</b>
Acenaphthene	0.200U	ug/L
Acenaphthylene	0.200U	ug/L
Anthracene	0.200U	ug/L
Benzo(a)anthracene	0.200U	ug/L
Benzo(a)pyrene	0.200U	ug/L
Benzo(b)fluoranthene	0.100U	ug/L
Benzo(g,h,i)perylene	0.200U	ug/L
Benzo(k)fluoranthene	0.200U	ug/L
Chrysene	0.200U	ug/L
Dibenz(a,h)anthracene	0.200U	ug/L
Fluoranthene	0.200U	ug/L
Fluorene	0.200U	ug/L
Indeno(1,2,3-cd)pyrene	0.200U	ug/L





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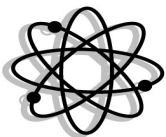
**Quality Control Batch:** 10103755

**Analyst:** CLS

<b>Blank</b>	<b>Result</b>	<b>Units</b>
Naphthalene	0.200U	ug/L
Phenanthrene	0.200U	ug/L
Pyrene	0.200U	ug/L
1-methyl-Naphthalene	0.200U	ug/L
2-methyl-Naphthalene	0.200U	ug/L
Surr:Nitrobenzene-d5	45.2	ug/L
Surr:Terphenyl-d14	57.5	ug/L
Surr:2-Fluorobiphenyl	32.8	ug/L

**Laboratory Control Sample**

	<b>Result</b>	<b>Units</b>	<b>Spike</b>	<b>%REC</b>	<b>%REC Lim</b>
Acenaphthene	48.8	ug/L	50.0	97.50	80.00-120.00
Acenaphthylene	45.8	ug/L	50.0	91.52	80.00-120.00
Anthracene	48.4	ug/L	50.0	96.84	80.00-120.00
Benzo(a)anthracene	48.3	ug/L	50.0	96.54	80.00-120.00
Benzo(a)pyrene	46.6	ug/L	50.0	93.18	80.00-120.00
Benzo(b)fluoranthene	47.3	ug/L	50.0	94.52	80.00-120.00
Benzo(g,h,i)perylene	38.4	ug/L	50.0	76.88	80.00-120.00
Benzo(k)fluoranthene	48.6	ug/L	50.0	97.22	80.00-120.00
Chrysene	49.7	ug/L	50.0	99.48	80.00-120.00
Dibenz(a,h)anthracene	41.1	ug/L	50.0	82.24	80.00-120.00
Fluoranthene	49.9	ug/L	50.0	99.76	80.00-120.00
Fluorene	51.3	ug/L	50.0	102.56	80.00-120.00
Indeno(1,2,3-cd)pyrene	41.5	ug/L	50.0	83.00	80.00-120.00
Naphthalene	45.4	ug/L	50.0	90.80	80.00-120.00
Phenanthrene	48.6	ug/L	50.0	97.12	80.00-120.00
Pyrene	47.1	ug/L	50.0	94.18	80.00-120.00
1-methyl-Naphthalene	40.6	ug/L	50.0	81.22	80.00-120.00
2-methyl-Naphthalene	42.9	ug/L	50.0	85.78	80.00-120.00
Surr:Nitrobenzene-d5	47.1	ug/L	50.0	94.22	80.00-120.00



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Quality Control Batch: 10103755

Analyst: CLS

**Laboratory Control Sample**

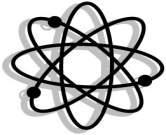
Result	Units	Spike	%REC	%REC Lim	
Surr:Terphenyl-d14	49.6	ug/L	50.0	99.18	80.00-120.00
Surr:2-Fluorobiphenyl	49.7	ug/L	50.0	99.48	80.00-120.00

**Matrix Spike**

Result	Units	Spike	%REC	%REC Lim	Sample	
Acenaphthene	48.3	ug/L	50.0	96.64	80.00-120.00	0.200U
Acenaphthylene	45.3	ug/L	50.0	90.52	80.00-120.00	0.200U
Anthracene	49.0	ug/L	50.0	97.90	80.00-120.00	0.200U
Benzo(a)anthracene	51.2	ug/L	50.0	102.34	80.00-120.00	0.200U
Benzo(a)pyrene	48.2	ug/L	50.0	96.44	80.00-120.00	0.200U
Benzo(b)fluoranthene	46.0	ug/L	50.0	91.94	80.00-120.00	0.100U
Benzo(g,h,i)perylene	48.2	ug/L	50.0	96.44	80.00-120.00	0.200U
Benzo(k)fluoranthene	48.5	ug/L	50.0	97.00	80.00-120.00	0.200U
Chrysene	51.4	ug/L	50.0	102.70	80.00-120.00	0.200U
Dibenz(a,h)anthracene	56.3	ug/L	50.0	112.54	80.00-120.00	0.200U
Fluoranthene	52.7	ug/L	50.0	105.40	80.00-120.00	0.200U
Fluorene	52.1	ug/L	50.0	104.16	80.00-120.00	0.200U
Indeno(1,2,3-cd)pyrene	55.2	ug/L	50.0	110.36	80.00-120.00	0.200U
Naphthalene	44.3	ug/L	50.0	88.54	80.00-120.00	0.200U
Phenanthrene	50.3	ug/L	50.0	100.56	80.00-120.00	0.200U
Pyrene	48.3	ug/L	50.0	96.60	80.00-120.00	0.200U
1-methyl-Naphthalene	40.2	ug/L	50.0	80.32	80.00-120.00	0.200U
2-methyl-Naphthalene	43.8	ug/L	50.0	87.60	80.00-120.00	0.200U
Surr:Nitrobenzene-d5	48.1	ug/L	50.0	96.16	80.00-120.00	
Surr:Terphenyl-d14	51.5	ug/L	50.0	102.94	80.00-120.00	
Surr:2-Fluorobiphenyl	47.0	ug/L	50.0	94.02	80.00-120.00	

**Matrix Spike Duplicate**

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
Acenaphthene	45.3	ug/L	50.0	90.64	80.00-120.00	0.200U	6.41	20.00
Acenaphthylene	41.3	ug/L	50.0	82.56	80.00-120.00	0.200U	9.20	20.00



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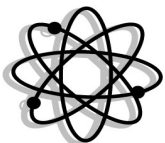
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Quality Control Batch: 10103755		Analyst: CLS						
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Anthracene	44.8	ug/L	50.0	89.52	80.00-120.00	0.200U	8.94	20.00
Benzo(a)anthracene	46.7	ug/L	50.0	93.46	80.00-120.00	0.200U	9.07	20.00
Benzo(a)pyrene	43.4	ug/L	50.0	86.70	80.00-120.00	0.200U	10.64	20.00
Benzo(b)fluoranthene	40.4	ug/L	50.0	80.88	80.00-120.00	0.100U	12.80	20.00
Benzo(g,h,i)perylene	42.8	ug/L	50.0	85.50	80.00-120.00	0.200U	12.03	20.00
Benzo(k)fluoranthene	48.9	ug/L	50.0	97.70	80.00-120.00	0.200U	0.72	20.00
Chrysene	48.2	ug/L	50.0	96.48	80.00-120.00	0.200U	6.25	20.00
Dibenz(a,h)anthracene	47.1	ug/L	50.0	94.14	80.00-120.00	0.200U	17.81	20.00
Fluoranthene	47.1	ug/L	50.0	94.10	80.00-120.00	0.200U	11.33	20.00
Fluorene	47.6	ug/L	50.0	95.20	80.00-120.00	0.200U	8.99	20.00
Indeno(1,2,3-cd)pyrene	46.9	ug/L	50.0	93.76	80.00-120.00	0.200U	16.26	20.00
Naphthalene	43.1	ug/L	50.0	86.12	80.00-120.00	0.200U	2.77	20.00
Phenanthrene	46.0	ug/L	50.0	91.94	80.00-120.00	0.200U	8.96	20.00
Pyrene	47.4	ug/L	50.0	94.76	80.00-120.00	0.200U	1.92	20.00
1-methyl-Naphthalene	37.9	ug/L	50.0	75.72	80.00-120.00	0.200U	5.90	20.00
2-methyl-Naphthalene	39.5	ug/L	50.0	79.08	80.00-120.00	0.200U	10.22	20.00
Surr:Nitrobenzene-d5	43.4	ug/L	50.0	86.86	80.00-120.00		10.16	20.00
Surr:Terphenyl-d14	47.9	ug/L	50.0	95.80	80.00-120.00		7.19	20.00
Surr:2-Fluorobiphenyl	44.1	ug/L	50.0	88.14	80.00-120.00		6.46	20.00

Quality Control Batch: 10103928		Analyst: PCW	
Blank	Result	Units	
Unionized NH3(as N)	0.000100U	mg/L	



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

PO #: n/a  
Client Project #: Bight Ferry Terminal  
Date Sampled: Apr 23, 2008  
May 9, 2008; Invoice: 64722

## 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.