



Analytical Sciences

FAX TRANSMITTAL COVER SHEET

DATE: July 23, 1999

TO: Juliet Shin

FAX #: 510-337-9335

FROM: Mark Valentini

FAX #: (707) 769-8093

TOTAL NUMBER OF PAGES (EXCLUDING THIS COVER SHEET): 6

COMMENTS:

Mark Williams of Foss Environmental requested that we fax to you the attached rush analytical result for samples collected at the Alameda Marina on Friday 7/23. I have faxed these same results to both Mark Williams and Wayne Milani

IF YOU HAVE QUESTIONS REGARDING THIS FAX PLEASE CONTACT

**ANALYTICAL SCIENCES
(707) 769-3128**

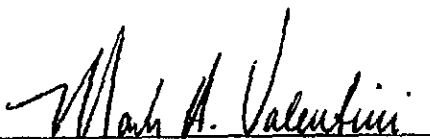
**Analytical Sciences**

Report Date: July 23, 1999

Foss Environmental Services
1605 Ferry Point
Alameda, CA 94501
ATTN: Mark Williams

LABORATORY REPORTProject Name: **Alameda Marina**Lab Project Number: **9072303**

This 5 page report of analytical data has been reviewed and approved for release.



Mark A. Valentini, Ph.D.
Laboratory Director



TPH Gasoline in Water

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
4151	GW B2	TPH/Gasoline	ND	50
		MTBE	ND	2.5
		Benzene	ND	0.5
		Toluene	2.9	0.5
		Ethyl Benzene	0.80	0.5
		Xylenes	5.4	1.5

Date Sampled: <u>07/23/99</u>	Date Analyzed: <u>07/23/99</u>	QC Batch #: <u>847</u>
Date Received: <u>07/23/99</u>	Method: <u>EPA 5030/8015M/8020</u>	
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
4152	BW A1	TPH/Gasoline	ND	50
		MTBE	ND	2.5
		Benzene	ND	0.5
		Toluene	ND	0.5
		Ethyl Benzene	ND	0.5
		Xylenes	ND	1.5

Date Sampled: <u>07/23/99</u>	Date Analyzed: <u>07/23/99</u>	QC Batch #: <u>847</u>
Date Received: <u>07/23/99</u>	Method: <u>EPA 5030/8015M/8020</u>	
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		



TPH Diesel in Water

<u>Lab #</u>	<u>Sample ID</u>	<u>Analysis</u>	<u>Result (ug/L)</u>	<u>RDL (ug/L)</u>
4151	GW B2	TPH/Diesel	160	50

Date Sampled: <u>07/23/99</u>	Date Extracted: <u>07/23/99</u>	QC Batch #: <u>846</u>
Date Received: <u>07/23/99</u>	Date Analyzed: <u>07/23/99</u>	Method: <u>EPA 3510/8015M</u>
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

<u>Lab #</u>	<u>Sample ID</u>	<u>Analysis</u>	<u>Result (ug/L)</u>	<u>RDL (ug/L)</u>
4152	BW A1	TPH/Diesel	ND	50

Date Sampled: <u>07/23/99</u>	Date Extracted: <u>07/23/99</u>	QC Batch #: <u>846</u>
Date Received: <u>07/23/99</u>	Date Analyzed: <u>07/23/99</u>	Method: <u>EPA 3510/8015M</u>
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		



LABORATORY QUALITY ASSURANCE REPORT

QC Batch #: 847Lab Project #: 9072303

Sample ID	Compound	Result (ug/L)
MB	TPH/Gas	ND
MB	MTBE	ND
MB	Benzene	ND
MB	Toluene	ND
MB	Ethyl Benzene	ND
MB	Xylenes	ND

Sample #	Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.
4146	CMS	TPH/Gas		NS	
	CMS	Benzene	7.26	8.00	90.7
	CMS	Toluene	8.50	8.00	106
	CMS	Ethyl Benzene	8.08	8.00	101
	CMS	Xylenes	22.9	24.00	95.4

Sample #	Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.	RPD
4146	CMSD	TPH/Gas		NS		
	CMSD	Benzene	7.47	8.00	93.4	2.8
	CMSD	Toluene	7.41	8.00	92.6	14
	CMSD	Ethyl Benzene	7.95	8.00	99.4	1.6
	CMSD	Xylenes	23.6	24.00	98.3	3.0

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

QC Batch #: 846Lab Project #: 9072303

<u>Sample ID</u>	<u>Compound</u>	<u>Result (ug/L)</u>
MB	TPH/Diesel	ND

<u>Sample ID</u>	<u>Compound</u>	<u>Result (ug/L)</u>	<u>Spike Level</u>	<u>% Recv.</u>
LCS	TPH/Diesel	3230	2930	110

<u>Sample ID</u>	<u>Compound</u>	<u>Result (ug/L)</u>	<u>Spike Level</u>	<u>% Recv.</u>	<u>RPD</u>
LCSD	TPH/Diesel	3380	2930	115	4.5

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
 NS = Not Spiked; OR = Over Calibration Range

