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 REPORT

Project 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

PO Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3126

110 Liberty Street
Petaluma, CA 94952
Fax: (707) 769-8093

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: 07/23/99
Date Received: 07/23/99
Holding Time Met: Yes ✓ No ____
Date Analyzed: 07/23/99
Method: EPA 5030/8015M/8020
QC Batch #: 847

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: 07/23/99
Date Received: 07/23/99
Holding Time Met: Yes ✓ No ____
Date Analyzed: 07/23/99
Method: EPA 5030/8015M/8020
QC Batch #: 847

CA Lab Accreditation #: 2118 / 2303

TPH Diesel in Water

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

Date Sampled: 07/23/99 Date Extracted: 07/23/99 QC Batch #: 846
Date Received: 07/23/99 Date Analyzed: 07/23/99 Method: EPA 3510/8015M
Holding Time Met: Yes ✓ No ____

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

Date Sampled: 07/23/99 Date Extracted: 07/23/99 QC Batch #: 846
Date Received: 07/23/99 Date Analyzed: 07/23/99 Method: EPA 3510/8015M
Holding Time Met: Yes ✓ No ____

CA Lab Accreditation #: 2118 / 2303

LABORATORY QUALITY ASSURANCE REPORT

QC Batch #: 847 **Lab 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

CA Lab Accreditation # 2118 / 2303

QC Batch #: 846 **Lab Project #:** 9072303

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

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

Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.	RPD
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

PO # A9/9020

LAB PROJECT # 9072303

PROJECT NAME: Alameda Marina

Foss Environmental Services Chain of Custody — 1605 Ferry Point Alameda, Ca. 94501 (510) 749-1390

sample #	Description	Location	Date	Time	Analysis	Sampler	
GW B2	TANK PIT water sample	Bldg 13	72399	1130	TPHD gas BTEX 8015/8020 MW MTBE 8015/8020		4/51
GW B1	Bay water grab sample	Bldg 13	72399	1158	TPHD gas BTEX 8015/8020 MW MTBE		4/52

Sampler: Mark Valentini

Relinquished by: [signature] Date: 72399 Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Mark A. Valentini Analytical Sciences Date: 7/23/99 Time: 4:21