Weiss Associates *Environmental and Geologic Services*

5500 Shellmound Street, Emeryville, CA 94608-2411 *FAX: 510-547-5043 Phone: **510-450-6000***

TRANSMITTAL

DATE: September 2, 1995 **PROJECT #:** 81-0429-205

TO: Juliet Shin **PHONE:**

COMPANY: Alameda County Department of Environmental Health **FAX:**
1131 Harbor Bay Parkway Suite 250
Alameda, CA 94502-6577

FROM: Joyce Adams, 510-450-6162

SUBJECT: **2160 Otis**

VIA:	FAX:	AS:	FOR:
☐ Fax	*# of pages:* _____ (including this cover)	☐ Per our phone call	☑ Your information
☑ 1st Class Mail	☐ Hard Copy to follow	☑ You requested	☐ Return to you
☐ Overnight Delivery		☐ *Is required*	☐ Your action
☐ UPS (Surface)		☐ We believe you may be interested	☐ Your review & comments
☐ Courier			

Please call (510) 450-6000 if there are any problems with transmission.

COMMENTS:

Ms. Shin,

Here is the missing data from the Second Quarter Report that you requested. If you have any questions please call me or Tom Fojut.

Thank You,

Joyce

DOCUMENT2

NATIONAL ENVIRONMENTAL TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Jim Keller
Blaine Tech Services
985 Timothy Dr.
San Jose, CA 95133

Date: 06/06/1995
NET Client Acct. No: 1821
NET Job No: 95.02116
Received: 05/25/1995

Client Reference Information

Shell 2160 Otis Drive, Alameda, CA/950523-K2

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Ken Larson
Division Manager

Jennifer L. Roseberry
Project Manager

Enclosure(s)

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: S-1
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242893

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/01/1995	2891
Purgeable TPH	ND		50	ug/L	5030/M8015		06/01/1995	2891
Carbon Range: C6 to C12	--						06/01/1995	2891
METHOD 8020 (GC, Liquid)	--						06/01/1995	2891
Benzene	ND		0.5	ug/L	8020		06/01/1995	2891
Toluene	ND		0.5	ug/L	8020		06/01/1995	2891
Ethylbenzene	ND		0.5	ug/L	8020		06/01/1995	2891
Xylenes (Total)	ND		0.5	ug/L	8020		06/01/1995	2891
SURROGATE RESULTS	--						06/01/1995	2891
Bromofluorobenzene (SURR)	84			% Rec.	8020		06/01/1995	2891

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: S-1
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242893

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8240(GCMS,Liquid)								
DILUTION FACTOR*	1						05/26/1995	468
Acetone	ND		10	ug/L	8240		05/26/1995	468
Benzene	ND		5.0	ug/L	8240		05/26/1995	468
Bromodichloromethane	ND		5.0	ug/L	8240		05/26/1995	468
Bromoform	ND		5.0	ug/L	8240		05/26/1995	468
Bromomethane	ND		5.0	ug/L	8240		05/26/1995	468
2-Butanone	ND		10	ug/L	8240		05/26/1995	468
Carbon disulfide	ND		5.0	ug/L	8240		05/26/1995	468
Carbon Tetrachloride	ND		5.0	ug/L	8240		05/26/1995	468
Chlorobenzene	ND		5.0	ug/L	8240		05/26/1995	468
Chloroethane	ND		5.0	ug/L	8240		05/26/1995	468
2-Chloroethyl vinyl ether	ND		10	ug/L	8240		05/26/1995	468
Chloroform	ND		5.0	ug/L	8240		05/26/1995	468
Chloromethane	ND		5.0	ug/L	8240		05/26/1995	468
Dibromochloromethane	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,3-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,4-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,1-Dichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,1-Dichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
trans-1,2-Dichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichloropropane	ND		5.0	ug/L	8240		05/26/1995	468
cis-1,3-Dichloropropene	ND		5.0	ug/L	8240		05/26/1995	468
trans-1,3-Dichloropropene	ND		5.0	ug/L	8240		05/26/1995	468
Ethyl benzene	ND		5.0	ug/L	8240		05/26/1995	468
2-Hexanone	ND		10	ug/L	8240		05/26/1995	468
Methylene chloride	ND		5.0	ug/L	8240		05/26/1995	468
4-Methyl-2-pentanone	ND		10	ug/L	8240		05/26/1995	468
Styrene	ND		5.0	ug/L	8240		05/26/1995	468
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	8240		05/26/1995	468
Tetrachloroethene	ND		5.0	ug/L	8240		05/26/1995	468
Toluene	ND		5.0	ug/L	8240		05/26/1995	468
1,1,1-Trichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,1,2-Trichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
Trichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
Trichlorofluoromethane	ND		5.0	ug/L	8240		05/26/1995	468
Vinyl acetate	ND		10	ug/L	8240		05/26/1995	468
Vinyl chloride	ND		5.0	ug/L	8240		05/26/1995	468
Xylenes (total)	ND		5.0	ug/L	8240		05/26/1995	468

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: S-1
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242893

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
SURROGATE RESULTS	--						05/26/1995	468
Toluene-d8 (SURR)	105			% Rec.	8240		05/26/1995	468
Bromofluorobenzene (SURR)	96			% Rec.	8240		05/26/1995	468
1,2-Dichloroethane-d4 (SURR)	98			% Rec.	8240		05/26/1995	468

Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02116

Date: 06/06/1995
ELAP Cert: 1386
Page: 5

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: MW2
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242894

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/02/1995	2891
Purgeable TPH	ND		50	ug/L	5030/M8015		06/02/1995	2891
Carbon Range: C6 to C12	--						06/02/1995	2891
METHOD 8020 (GC, Liquid)	--						06/02/1995	2891
Benzene	5.8	C	0.5	ug/L	8020		06/02/1995	2891
Toluene	ND		0.5	ug/L	8020		06/02/1995	2891
Ethylbenzene	ND		0.5	ug/L	8020		06/02/1995	2891
Xylenes (Total)	ND		0.5	ug/L	8020		06/02/1995	2891
SURROGATE RESULTS	--						06/02/1995	2891
Bromofluorobenzene (SURR)	88			% Rec.	8020		06/02/1995	2891

C : Positive result confirmed by secondary column or GC/MS analysis.

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: MW2
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242894

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8240(GCMS,Liquid)								
DILUTION FACTOR*	1						05/26/1995	468
Acetone	ND		10	ug/L	8240		05/26/1995	468
Benzene	5.6		5.0	ug/L	8240		05/26/1995	468
Bromodichloromethane	ND		5.0	ug/L	8240		05/26/1995	468
Bromoform	ND		5.0	ug/L	8240		05/26/1995	468
Bromomethane	ND		5.0	ug/L	8240		05/26/1995	468
2-Butanone	ND		10	ug/L	8240		05/26/1995	468
Carbon disulfide	ND		5.0	ug/L	8240		05/26/1995	468
Carbon Tetrachloride	ND		5.0	ug/L	8240		05/26/1995	468
Chlorobenzene	ND		5.0	ug/L	8240		05/26/1995	468
Chloroethane	ND		5.0	ug/L	8240		05/26/1995	468
2-Chloroethyl vinyl ether	ND		10	ug/L	8240		05/26/1995	468
Chloroform	7.3		5.0	ug/L	8240		05/26/1995	468
Chloromethane	ND		5.0	ug/L	8240		05/26/1995	468
Dibromochloromethane	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,3-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,4-Dichlorobenzene	ND		6.0	ug/L	8240		05/26/1995	468
1,1-Dichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,1-Dichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
trans-1,2-Dichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
1,2-Dichloropropane	ND		5.0	ug/L	8240		05/26/1995	468
cis-1,3-Dichloropropene	ND		5.0	ug/L	8240		05/26/1995	468
trans-1,3-Dichloropropene	ND		5.0	ug/L	8240		05/26/1995	468
Ethyl benzene	ND		5.0	ug/L	8240		05/26/1995	468
2-Hexanone	ND		10	ug/L	8240		05/26/1995	468
Methylene chloride	ND		5.0	ug/L	8240		05/26/1995	468
4-Methyl-2-pentanone	ND		10	ug/L	8240		05/26/1995	468
Styrene	ND		5.0	ug/L	8240		05/26/1995	468
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	8240		05/26/1995	468
Tetrachloroethene	9.8		5.0	ug/L	8240		05/26/1995	468
Toluene	ND		5.0	ug/L	8240		05/26/1995	468
1,1,1-Trichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
1,1,2-Trichloroethane	ND		5.0	ug/L	8240		05/26/1995	468
Trichloroethene	ND		5.0	ug/L	8240		05/26/1995	468
Trichlorofluoromethane	ND		5.0	ug/L	8240		05/26/1995	468
Vinyl acetate	ND		10	ug/L	8240		05/26/1995	468
Vinyl chloride	ND		5.0	ug/L	8240		05/26/1995	468
Xylenes (total)	ND		5.0	ug/L	8240		05/26/1995	468

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: MW2
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242894

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
SURROGATE RESULTS	--						05/26/1995	468
Toluene-d8 (SURR)	105			% Rec.	8240		05/26/1995	468
Bromofluorobenzene (SURR)	95			% Rec.	8240		05/26/1995	468
1,2-Dichloroethane-d4 (SURR)	97			% Rec.	8240		05/26/1995	468

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

SAMPLE DESCRIPTION: TB
Date Taken: 05/23/1995
Time Taken:
NET Sample No: 242895

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/02/1995	2891
Purgeable TPH	ND		50	ug/L	5030/M8015		06/02/1995	2891
Carbon Range: C6 to C12	--						06/02/1995	2891
METHOD 8020 (GC, Liquid)	--						06/02/1995	2891
Benzene	ND		0.5	ug/L	8020		06/02/1995	2891
Toluene	ND		0.5	ug/L	8020		06/02/1995	2891
Ethylbenzene	ND		0.5	ug/L	8020		06/02/1995	2891
Xylenes (Total)	ND		0.5	ug/L	8020		06/02/1995	2891
SURROGATE RESULTS	--						06/02/1995	2891
Bromofluorobenzene (SURR)	87			% Rec.	8020		06/02/1995	2891

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV Standard % Recovery	CCV Standard Amount Found	CCV Standard Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch Number
METHOD 5030/8015-M (Shell)							
Purgeable TPH	110.0	0.55	0.50	mg/L	06/01/1995	aal	2891
Benzene	106.8	5.34	5.00	ug/L	06/01/1995	aal	2891
Toluene	105.4	5.27	5.00	ug/L	06/01/1995	aal	2891
Ethylbenzene	104.0	5.20	5.00	ug/L	06/01/1995	aal	2891
Xylenes (Total)	107.3	16.1	15.0	ug/L	06/01/1995	aal	2891
Bromofluorobenzene (SURR)	104.0	104	100	% Rec.	06/01/1995	aal	2891

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV Standard % Recovery	CCV Standard Amount Found	CCV Standard Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch Number
METHOD 8240(GCMS,Liquid)							
Chloroform	96.6	48.3	50.0	ug/L	05/26/1995	gec	468
1,1-Dichloroethene	93.2	46.6	50.0	ug/L	05/26/1995	gec	468
1,2-Dichloropropane	98.6	49.3	50.0	ug/L	05/26/1995	gec	468
Ethyl benzene	111.0	55.5	50.0	ug/L	05/26/1995	gec	468
Toluene	104.6	52.3	50.0	ug/L	05/26/1995	gec	468
Vinyl chloride	94.4	47.2	50.0	ug/L	05/26/1995	gec	468
Toluene-d8 (SURR)	97.0	97	100	% Rec.	05/26/1995	gec	468
Bromofluorobenzene (SURR)	98.0	98	100	% Rec.	05/26/1995	gec	468
1,2-Dichloroethane-d4 (SURR)	90.0	90	100	% Rec.	05/26/1995	gec	468

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Units	Date Analyzed	Analyst Initials	Run Batch Number
METHOD 5030/8015-M (Shell)						
Purgeable TPH	ND	0.05	mg/L	06/01/1995	aal	2891
Benzene	ND	0.5	ug/L	06/01/1995	aal	2891
Toluene	ND	0.5	ug/L	06/01/1995	aal	2891
Ethylbenzene	ND	0.5	ug/L	06/01/1995	aal	2891
Xylenes (Total)	ND	0.5	ug/L	06/01/1995	aal	2891
Bromofluorobenzene (SURR)	90		% Rec.	06/01/1995	aal	2891

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Units	Date Analyzed	Analyst Initials	Run Batch Number
METHOD 8240(GCMS,Liquid)						
Acetone	ND	10	ug/L	05/26/1995	gec	468
Benzene	ND	5.0	ug/L	05/26/1995	gec	468
Bromodichloromethane	ND	5.0	ug/L	05/26/1995	gec	468
Bromoform	ND	5.0	ug/L	05/26/1995	gec	468
Bromomethane	ND	5.0	ug/L	05/26/1995	gec	468
2-Butanone	ND	10	ug/L	05/26/1995	gec	468
Carbon disulfide	ND	5.0	ug/L	05/26/1995	gec	468
Carbon Tetrachloride	ND	5.0	ug/L	05/26/1995	gec	468
Chlorobenzene	ND	5.0	ug/L	05/26/1995	gec	468
Chloroethane	ND	5.0	ug/L	05/26/1995	gec	468
2-Chloroethyl vinyl ether	ND	10	ug/L	05/26/1995	gec	468
Chloroform	ND	5.0	ug/L	05/26/1995	gec	468
Chloromethane	ND	5.0	ug/L	05/26/1995	gec	468
Dibromochloromethane	ND	5.0	ug/L	05/26/1995	gec	468
1,2-Dichlorobenzene	ND	6.0	ug/L	05/26/1995	gec	468
1,3-Dichlorobenzene	ND	6.0	ug/L	05/26/1995	gec	468
1,4-Dichlorobenzene	ND	6.0	ug/L	05/26/1995	gec	468
1,1-Dichloroethane	ND	5.0	ug/L	05/26/1995	gec	468
1,2-Dichloroethane	ND	5.0	ug/L	05/26/1995	gec	468
1,1-Dichloroethene	ND	5.0	ug/L	05/26/1995	gec	468
trans-1,2-Dichloroethene	ND	5.0	ug/L	05/26/1995	gec	468
1,2-Dichloropropane	ND	5.0	ug/L	05/26/1995	gec	468
cis-1,3-Dichloropropene	ND	5.0	ug/L	05/26/1995	gec	468
trans-1,3-Dichloropropene	ND	5.0	ug/L	05/26/1995	gec	468
Ethyl benzene	ND	5.0	ug/L	05/26/1995	gec	468
2-Hexanone	ND	10	ug/L	05/26/1995	gec	468
Methylene chloride	ND	5.0	ug/L	05/26/1995	gec	468
4-Methyl-2-pentanone	ND	10	ug/L	05/26/1995	gec	468
Styrene	ND	5.0	ug/L	05/26/1995	gec	468
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	05/26/1995	gec	468
Tetrachloroethene	ND	5.0	ug/L	05/26/1995	gec	468
Toluene	ND	5.0	ug/L	05/26/1995	gec	468
1,1,1-Trichloroethane	ND	5.0	ug/L	05/26/1995	gec	468
1,1,2-Trichloroethane	ND	5.0	ug/L	05/26/1995	gec	468
Trichloroethene	ND	5.0	ug/L	05/26/1995	gec	468
Trichlorofluoromethane	ND	5.0	ug/L	05/26/1995	gec	468
Vinyl acetate	ND	10	ug/L	05/26/1995	gec	468
Vinyl chloride	ND	5.0	ug/L	05/26/1995	gec	468
Xylenes (total)	ND	5.0	ug/L	05/26/1995	gec	468
Toluene-d8 (SURR)	98		% Rec.	05/26/1995	gec	468
Bromofluorobenzene (SURR)	100		% Rec.	05/26/1995	gec	468
1,2-Dichloroethane-d4 (SURR)	93		% Rec.	05/26/1995	gec	468

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units	Date Analyzed	Run Batch	Sample Spiked
METHOD 5030/8015-M (Shell)											242893
Purgeable TPH	98.0	102.0	3.9	0.5	ND	0.49	0.51	mg/L	06/01/1995	2891	242893
Benzene	83.5	90.1	7.6	9.1	ND	7.6	8.2	ug/L	06/01/1995	2891	242893
Toluene	99.4	106.9	7.2	31.8	ND	31.6	34.0	ug/L	06/01/1995	2891	242893

Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units	Date Analyzed	Run Batch	Sample Spiked
METHOD 8240(GCMS,Liquid)											242461
Benzene	82.0	86.0	4.8	50.0	23	64	66	ug/L	05/26/1995	468	242461
Chlorobenzene	82.0	94.0	13.6	50.0	ND	41	47	ug/L	05/26/1995	468	242461
1,1-Dichloroethene	80.0	90.0	11.8	50.0	ND	40	45	ug/L	05/26/1995	468	242461
Toluene	70.0	70.0	0.0	50.0	56	91	91	ug/L	05/26/1995	468	242461
Trichloroethene	64.0	70.0	9.0	50.0	35	67	70	ug/L	05/26/1995	468	242461

Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02116

Date: 06/06/1995
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Ref: Shell 2160 Otis Drive, Alameda, CA/950523-K2

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS % Recovery	Duplicate LCS % Recovery	RPD	LCS Amount Found	Duplicate LCS Amount Found	LCS Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch
METHOD 8240(GCMS,Liquid)										
Benzene	93.5			18.7		20.0	ug/L	05/26/1995	gec	468
Chlorobenzene	77.5			15.5		20.0	ug/L	05/26/1995	gec	468
1,1-Dichloroethene	81.5			16.3		20.0	ug/L	05/26/1995	gec	468
Toluene	89.0			17.8		20.0	ug/L	05/26/1995	gec	468
Trichloroethene	67.5			13.5		20.0	ug/L	05/26/1995	gec	468
Toluene-d8 (SURR)	106.0			106		100	% Rec.	05/26/1995	gec	468
Bromofluorobenzene (SURR)	100.0			100		100	% Rec.	05/26/1995	gec	468
1,2-Dichloroethane-d4 (SURR)	97.0			97		100	% Rec.	05/26/1995	gec	468

NET®

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	:	Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
ICVS	:	Initial Calibration Verification Standard (External Standard).
mean	:	Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	:	Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
mg/L	:	Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	:	Milliliters per liter per hour.
MPN/100 mL	:	Most probable number of bacteria per one hundred milliliters of sample.
N/A	:	Not applicable.
NA	:	Not analyzed.
ND	:	Not detected; the analyte concentration is less than applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [Value 1 - Value 2]/mean value.
SNA	:	Standard not available.
ug/Kg (ppb)	:	Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
ug/L	:	Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	:	Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

COOLER RECEIPT FORM

Project: 950523-K2 Log No: 1947
Cooler received on: 5-25-95 and checked on 5-25-95 by
(signature)

Were custody papers present?.....~~YES~~ NO

Were custody papers properly filled out?.....~~YES~~ NO

Were the custody papers signed?.....~~YES~~ NO

Was sufficient ice used?.....~~YES~~ NO TEMP: 0°C

Did all bottles arrive in good condition (unbroken)?.....~~YES~~ NO

Did bottle labels match COC?.....~~YES~~ NO

Were proper bottles used for analysis indicated?.....~~YES~~ NO

Correct preservatives used?.....~~YES~~ NO

VOA vials checked for headspace bubbles?.....~~YES~~ NO
Note which voas (if any) had bubbles:*

Sample descriptor:	Number of vials:
TB	2

*All VOAs with headspace bubbles have been set aside so they will not be used for analysis.....YES NO

List here all other jobs received in the same cooler:

Client Job #	NET log #

(coolerrec)

#E6947

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 950523-C2

Date: 5/23
Page 1 of 1

Site Address: 2160 Otis Drive, Alameda

WIC#: 204-0072-0502

Shell Engineer: Dan Kirk
Phone No.: (510) 675-6168
Fax #: 675-6160

Consultant Name & Address: Blaine Tech Services, Inc.
985 Timothy Drive San Jose, CA 95133

Consultant Contact: Jim Keller
Phone No.: (408) 995-5535
Fax #: 293-8773

Comments:

Sampled by: KCB

Printed Name: Keith Brown

Analysis Required

LAB: NCA

CHECK ONE (1) BOX ONLY	CT/DT	
Quarterly Monitoring	[X]	5461
Site Investigation	[ ]	5441
Soil Classify/Disposal	[ ]	5442
Water Classify/Disposal	[ ]	5443
Soil/Air Rem. or Sys. O & M	[ ]	5462
Water Rem. or Sys. O & M	[ ]	5463
Other	[ ]	

TURN AROUND TIME
- 24 hours [ ]
- 48 hours [ ]
- 16 days [X] (Normal)
- Other [ ]

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
S-1	5/23			W		8				X		X								
MW-2	↓			↓		8				X		X								
TB	↓			↓		2						X								

5/24/95 BB
Seal intact
EA

Relinquished By (signature):	Printed Name:	Date / Time	Received (signature):	Printed Name:	Date / Time
[signature]	Keith Brown	Date: 5/24 Time: 10:45	[signature]	G P Lumbre	Date: 5/24 Time: 10:45
[signature]	G P Lumbre	Date: 5/24 Time: 18:00	[signature]	PAM GREENE	Date: 5-25-95 Time: 08:00
		Date: Time:			Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

VIA: NCS