ATTACHMENT A

ANALYTIC REPORTS AND CHAIN-OF-CUSTODY FORMS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Brian Busch

Project: Shell 350 Grand Ave., Oakland

Enclosed are the results from samples received at Sequoia Analytical on March 28, 1996.
The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9603J46 -01	SOLID, SB-1A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -01	SOLID, SB-1A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -02	SOLID, SB-1B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -02	SOLID, SB-1B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -03	SOLID, SB-1C (13.0)	03/26/96	TPHD S Extractable TPH
9603J46 -03	SOLID, SB-1C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -04	SOLID, SB-1D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -04	SOLID, SB-1D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -05	SOLID, SB-2A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -05	SOLID, SB-2A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -06	SOLID, SB-2B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -06	SOLID, SB-2B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -07	SOLID, SB-2C (13.0)	03/26/96	TPHD S Extractable TPH
9603J46 -07	SOLID, SB-2C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -08	SOLID, SB-2D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -08	SOLID, SB-2D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -09	SOLID, SB-3A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -09	SOLID, SB-3A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -10	SOLID, SB-3B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -10	SOLID, SB-3B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -11	SOLID, SB-3C (13.0)	03/26/96	TPHD S Extractable TPH

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SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9603J46 -11	SOLID, SB-3C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -12	SOLID, SB-3D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -12	SOLID, SB-3D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -13	SOLID, SB-4A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -13	SOLID, SB-4A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -14	SOLID, SB-4B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -14	SOLID, SB-4B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -15	SOLID, SB-4C (13.0)	03/26/96	TPHD S Extractable TPH
9603J46 -15	SOLID, SB-4C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -16	SOLID, SB-4D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -16	SOLID, SB-4D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -17	SOLID, SB-5A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -17	SOLID, SB-5A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -18	SOLID, SB-5B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -18	SOLID, SB-5B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -19	SOLID, SB-5C (13.0)	03/26/96	TPHD S Extractable TPH
9603J46 -19	SOLID, SB-5C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -20	SOLID, SB-5D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -20	SOLID, SB-5D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -21	SOLID, SB-6A (5.0)	03/26/96	TPHD S Extractable TPH
9603J46 -21	SOLID, SB-6A (5.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -22	SOLID, SB-6B (9.0)	03/26/96	TPHD S Extractable TPH
9603J46 -22	SOLID, SB-6B (9.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -23	SOLID, SB-6C (13.0)	03/26/96	TPHD S Extractable TPH
9603J46 -23	SOLID, SB-6C (13.0)	03/26/96	TPHGBS Purgeable TPH/BTEX

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SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9603J46 -24	SOLID, SB-6D (17.0)	03/26/96	TPHD S Extractable TPH
9603J46 -24	SOLID, SB-6D (17.0)	03/26/96	TPHGBS Purgeable TPH/BTEX
9603J46 -25	SOLID, SB-7A (5.0)	03/27/96	TPHD S Extractable TPH
9603J46 -25	SOLID, SB-7A (5.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -26	SOLID, SB-7B (9.0)	03/27/96	TPHD S Extractable TPH
9603J46 -26	SOLID, SB-7B (9.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -27	SOLID, SB-7C (13.0)	03/27/96	TPHD S Extractable TPH
9603J46 -27	SOLID, SB-7C (13.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -28	SOLID, SB-7D (17.0)	03/27/96	TPHD S Extractable TPH
9603J46 -28	SOLID, SB-7D (17.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -29	SOLID, SB-8A (5.0)	03/27/96	TPHD S Extractable TPH
9603J46 -29	SOLID, SB-8A (5.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -30	SOLID, SB-8B (9.0)	03/27/96	TPHD S Extractable TPH
9603J46 -30	SOLID, SB-8B (9.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -31	SOLID, SB-8C (13.0)	03/27/96	TPHD S Extractable TPH
9603J46 -31	SOLID, SB-8C (13.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -32	SOLID, SB-8D (17.0)	03/27/96	TPHD S Extractable TPH
9603J46 -32	SOLID, SB-8D (17.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -33	SOLID, SB-9A (5.0)	03/27/96	TPHD S Extractable TPH
9603J46 -33	SOLID, SB-9A (5.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -34	SOLID, SB-9B (9.0)	03/27/96	TPHD S Extractable TPH
9603J46 -34	SOLID, SB-9B (9.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -35	SOLID, SB-9C (13.0)	03/27/96	TPHD S Extractable TPH
9603J46 -35	SOLID, SB-9C (13.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -36	SOLID, SB-9D (17.0)	03/27/96	TPHD S Extractable TPH

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SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9603J46 -36	SOLID, SB-9D (17.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -37	SOLID, SB-10A (5.0)	03/27/96	TPHD S Extractable TPH
9603J46 -37	SOLID, SB-10A (5.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -38	SOLID, SB-10B (9.0)	03/27/96	TPHD S Extractable TPH
9603J46 -38	SOLID, SB-10B (9.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -39	SOLID, SB-10C (13.0)	03/27/96	TPHD S Extractable TPH
9603J46 -39	SOLID, SB-10C (13.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -40	SOLID, SB-10D (17.0)	03/27/96	TPHD S Extractable TPH
9603J46 -40	SOLID, SB-10D (17.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -41	SOLID, SB-11A (5.0)	03/27/96	TPHD S Extractable TPH
9603J46 -41	SOLID, SB-11A (5.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -42	SOLID, SB-11B (9.0)	03/27/96	TPHD S Extractable TPH
9603J46 -42	SOLID, SB-11B (9.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -43	SOLID, SB-11C (13.0)	03/27/96	TPHD S Extractable TPH
9603J46 -43	SOLID, SB-11C (13.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -44	SOLID, SB-11D (17.0)	03/27/96	TPHD S Extractable TPH
9603J46 -44	SOLID, SB-11D (17.0)	03/27/96	TPHGBS Purgeable TPH/BTEX
9603J46 -45	SOLID, SB-1(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T
9603J46 -46	SOLID, SB-2(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T
9603J46 -47	SOLID, SB-3(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Brian Busch

Project: Shell 350 Grand Ave., Oakland

Enclosed are the results from samples received at Sequoia Analytical on March 28, 1996. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9603J59 -48	SOLID, SB-4(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T
9603J59 -49	SOLID, SB-5(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T
9603J59 -50	SOLID, SB-6(A-D) Comp	03/26/96	ITTLCS Title 22: Metals, T
9603J59 -51	SOLID, SB-7(A-D) Comp	03/27/96	ITTLCS Title 22: Metals, T
9603J59 -52	SOLID, SB-8(A-D) Comp	03/27/96	ITTLCS Title 22: Metals, T
9603J59 -53	SOLID, SB-9(A-D) Comp	03/27/96	ITTLCS Title 22: Metals, T
9603J59 -53	SOLID, SB-9(A-D) Comp	03/27/96	Organic Lead
9603J59 -54	SOLID, SB-10(A-D) Comp	03/27/96	ITTLCS Title 22: Metals, T
9603J59 -55	SOLID, SB-11(A-D) Comp	03/27/96	ITTLCS Title 22: Metals, T

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

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Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-01	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**5.2**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	81

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-01	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**4.2**
Benzene	**0.0050**	**0.013**
Toluene	**0.0050**	**0.0066**
Ethyl Benzene	**0.0050**	**0.012**
Xylenes (Total)	**0.0050**	**0.016**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	112

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-02	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**2.0**	**67**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-02	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**100**	**950**
Benzene	**0.50**	**8.0**
Toluene	**0.50**	**6.0**
Ethyl Benzene	**0.50**	**9.7**
Xylenes (Total)	**0.50**	**7.2**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	216 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-03	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**14**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	80

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-03	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	**0.0050**	**0.0052**
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	**0.0050**	**0.0079**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-04	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.3
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	88

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/23/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-04	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	114

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-05	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**4.6**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	72

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-05	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**5.4**
Benzene	0.0050	N.D.
Toluene	**0.0050**	**0.0074**
Ethyl Benzene	**0.0050**	**0.012**
Xylenes (Total)	**0.0050**	**0.031**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	115

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-06	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	10	590
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	147

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-06	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**100**	**1100**
Benzene	**0.50**	**4.3**
Toluene	**0.50**	**7.0**
Ethyl Benzene	**0.50**	**18**
Xylenes (Total)	**0.50**	**8.2**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	144 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-07	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**6.1**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-07	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.5**	**8.3**
Benzene	**0.012**	**0.53**
Toluene	**0.012**	**0.039**
Ethyl Benzene	**0.012**	**0.071**
Xylenes (Total)	**0.012**	**0.14**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	106

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-08	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	7.5
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	103

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-08	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**19**
Benzene	**0.050**	**0.077**
Toluene	0.050	N.D.
Ethyl Benzene	**0.050**	**0.11**
Xylenes (Total)	**0.050**	**0.24**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	120

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/07/96
Attention: Brian Busch	Lab Number: 9603J46-09	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	7.0
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	91

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-09	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**1.0**
Benzene	**0.0050**	**0.0080**
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.28**
Xylenes (Total)	**0.0050**	**0.41**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/10/96
Attention: Brian Busch	Lab Number: 9603J46-10	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**50**	**890**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-10	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**400**	**1800**
Benzene	**2.0**	**7.5**
Toluene	**2.0**	**9.8**
Ethyl Benzene	**2.0**	**59**
Xylenes (Total)	2.0	N.D.
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	150 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/06/96
Attention: Brian Busch	Lab Number: 9603J46-11	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**7.5**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	102

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-11	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.0**	**8.4**
Benzene	**0.010**	**0.041**
Toluene	**0.010**	**0.082**
Ethyl Benzene	**0.010**	**0.047**
Xylenes (Total)	**0.010**	**0.16**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	138 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/06/96
Attention: Brian Busch	Lab Number: 9603J46-12	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**14**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-12	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.5**	**6.1**
Benzene	0.012	N.D.
Toluene	0.012	N.D.
Ethyl Benzene	**0.012**	**0.027**
Xylenes (Total)	**0.012**	**0.033**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	118

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/06/96
Attention: Brian Busch	Lab Number: 9603J46-13	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**3.6**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	95

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-13	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**2.4**
Benzene	**0.0050**	**0.011**
Toluene	**0.0050**	**0.0054**
Ethyl Benzene	**0.0050**	**0.015**
Xylenes (Total)	**0.0050**	**0.021**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	125

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/08/96
Attention: Brian Busch	Lab Number: 9603J46-14	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**5.0**	**330**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	93

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-14	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**100**	**680**
Benzene	**0.50**	**4.7**
Toluene	**0.50**	**2.9**
Ethyl Benzene	**0.50**	**9.5**
Xylenes (Total)	**0.50**	**20**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	180 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/07/96
Attention: Brian Busch	Lab Number: 9603J46-15	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.3
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	88

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-15	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	**0.0050**	**0.010**
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.0058**
Xylenes (Total)	**0.0050**	**0.011**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	116

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-16	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	4.3
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-16	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**12**
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Xylenes (Total)	**0.050**	**0.092**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	123

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-17	Reported: 04/11/96

QC Batch Number: GC0330960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	7.1
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	88

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-17	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**4.0**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.019**
Xylenes (Total)	**0.0050**	**0.035**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	117

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/07/96
Attention: Brian Busch	Lab Number: 9603J46-18	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	10	270
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	97

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-18	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**25**	**230**
Benzene	**0.12**	**1.1**
Toluene	0.12	N.D.
Ethyl Benzene	**0.12**	**2.9**
Xylenes (Total)	**0.12**	**8.5**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	133 Q

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-19	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	4.5
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	80

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-19	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-20	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**1.3**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	88

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-20	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	105

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-21	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	7.8
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	94

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-21	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXB
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**8.6**
Benzene	**0.0050**	**0.0054**
Toluene	**0.0050**	**0.027**
Ethyl Benzene	**0.0050**	**0.031**
Xylenes (Total)	**0.0050**	**0.056**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-22	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	50
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-22	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**25**	**160**
Benzene	**0.12**	**0.57**
Toluene	0.12	N.D.
Ethyl Benzene	**0.12**	**1.4**
Xylenes (Total)	**0.12**	**4.3**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-23	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	5.0
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-23	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-24	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**1.2**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	97

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-24	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/07/96
Attention: Brian Busch	Lab Number: 9603J46-25	Reported: 04/11/96

QC Batch Number: GC0401960HBPEXC
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	3.2
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	86

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-25	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-26	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**4.9**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	95

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-26	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.5**	**24**
Benzene	**0.012**	**0.092**
Toluene	0.012	N.D.
Ethyl Benzene	**0.012**	**0.31**
Xylenes (Total)	**0.012**	**0.27**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	114

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-27	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**3.0**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	82

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-27	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-28	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**2.5**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	72

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-28	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/07/96
Attention: Brian Busch	Lab Number: 9603J46-29	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	10	580
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	118

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-29	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**400**	**1400**
Benzene	**2.0**	**6.9**
Toluene	**2.0**	**28**
Ethyl Benzene	**2.0**	**17**
Xylenes (Total)	**2.0**	**120**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	106

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-30	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**2.6**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	98

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-30	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-31	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.3
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	104

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-31	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	88

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-32	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.2
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-32	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	91

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-33	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.6
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	58

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-33	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	87

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/06/96
Attention: Brian Busch	Lab Number: 9603J46-34	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**5.0**	**110**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	72

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-34	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	87

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-35	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**3.3**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	93

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-35	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-36	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.0
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	53

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-36	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-37	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	4.5
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	70

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-37	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	101

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-38	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.5
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	87

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-38	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-39	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**3.2**
Chromatogram Pattern:		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	84

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-39	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-40	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	2.6
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	64

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-40	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-41	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.9
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	52

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11A (5.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-41	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-42	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	3.1
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	68

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11B (9.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-42	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXD
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-43	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.7
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	53

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11C (13.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-43	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXD
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/05/96
Attention: Brian Busch	Lab Number: 9603J46-44	Reported: 04/11/96

QC Batch Number: GC0402960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.5
Chromatogram Pattern:		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	69

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11D (17.0)	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/02/96
	Analysis Method: 8015Mod/8020	Analyzed: 04/03/96
Attention: Brian Busch	Lab Number: 9603J46-44	Reported: 04/11/96

QC Batch Number: GC040296BTEXEXD
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	94

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-1(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-45	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**17**
Arsenic, As	**500**	**5.0**	**10**
Barium, Ba	**10000**	**5.0**	**230**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**32**
Cobalt, Co	**8000**	**2.5**	**9.8**
Copper, Cu	**2500**	**0.50**	**13**
Lead, Pb	**1000**	**5.0**	**9.5**
Mercury, Hg	**20**	**0.020**	**0.078**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**41**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**25**
Zinc, Zn	**5000**	**0.50**	**23**

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-2(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-46	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**7.0**
Arsenic, As	**500**	**5.0**	**7.0**
Barium, Ba	**10000**	**5.0**	**150**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**31**
Cobalt, Co	**8000**	**2.5**	**8.3**
Copper, Cu	**2500**	**0.50**	**12**
Lead, Pb	**1000**	**5.0**	**6.8**
Mercury, Hg	20	0.020	N.D.
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**33**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**22**
Zinc, Zn	**5000**	**0.50**	**22**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-3(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J46-47	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**10**
Arsenic, As	**500**	**5.0**	**10**
Barium, Ba	**10000**	**5.0**	**180**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**30**
Cobalt, Co	**8000**	**2.5**	**11**
Copper, Cu	**2500**	**0.50**	**12**
Lead, Pb	**1000**	**5.0**	**7.5**
Mercury, Hg	**20**	**0.020**	**0.026**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**37**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**22**
Zinc, Zn	**5000**	**0.50**	**22**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Brian Busch

Client Proj. ID: Shell 350 Grand Ave., Oakland
Lab Proj. ID: 9603J46

Received: 03/28/96
Reported: 04/11/96

LABORATORY NARRATIVE

#Q - Surrogate coelution was confirmed.
Q - Surrogate diluted out.

SEQUOIA ANALYTICAL

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Weiss Associates
5500 Shellmound
Emeryville, CA 94608

Attention: Brian Busch

Client Proj. ID: Shell 350 Grand Ave., Oakland

Lab Proj. ID: 9603J59

Sampled: 03/27/96
Received: 03/28/96
Analyzed: see below

Reported: 04/11/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9603J59-53				
Sample Desc : **SOLID,SB-9(A-D) Comp**				
Organic Lead	mg/Kg	04/04/96	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-4(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-48	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**17**
Arsenic, As	**500**	**5.0**	**11**
Barium, Ba	**10000**	**5.0**	**130**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**31**
Cobalt, Co	**8000**	**2.5**	**12**
Copper, Cu	**2500**	**0.50**	**10**
Lead, Pb	**1000**	**5.0**	**6.4**
Mercury, Hg	20	0.020	N.D.
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**33**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**28**
Zinc, Zn	**5000**	**0.50**	**19**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-5(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-49	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**16**
Arsenic, As	**500**	**5.0**	**16**
Barium, Ba	**10000**	**5.0**	**130**
Beryllium, Be	**75**	**0.50**	**0.53**
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**32**
Cobalt, Co	**8000**	**2.5**	**9.2**
Copper, Cu	**2500**	**0.50**	**19**
Lead, Pb	**1000**	**5.0**	**11**
Mercury, Hg	**20**	**0.020**	**0.030**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**56**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**30**
Zinc, Zn	**5000**	**0.50**	**48**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/26/96
5500 Shellmound	Sample Descript: SB-6(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-50	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**10**
Arsenic, As	**500**	**5.0**	**8.1**
Barium, Ba	**10000**	**5.0**	**110**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**27**
Cobalt, Co	**8000**	**2.5**	**6.1**
Copper, Cu	**2500**	**0.50**	**12**
Lead, Pb	**1000**	**5.0**	**6.0**
Mercury, Hg	**20**	**0.020**	**0.44**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**34**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**19**
Zinc, Zn	**5000**	**0.50**	**31**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-7(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-51	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**13**
Arsenic, As	**500**	**5.0**	**13**
Barium, Ba	**10000**	**5.0**	**130**
Beryllium, Be	**75**	**0.50**	**0.50**
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**31**
Cobalt, Co	**8000**	**2.5**	**13**
Copper, Cu	**2500**	**0.50**	**15**
Lead, Pb	**1000**	**5.0**	**6.4**
Mercury, Hg	**20**	**0.020**	**0.023**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**44**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**23**
Zinc, Zn	**5000**	**0.50**	**32**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-8(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-52	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**11**
Arsenic, As	**500**	**5.0**	**14**
Barium, Ba	**10000**	**5.0**	**98**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**33**
Cobalt, Co	**8000**	**2.5**	**5.9**
Copper, Cu	**2500**	**0.50**	**14**
Lead, Pb	**1000**	**5.0**	**6.6**
Mercury, Hg	**20**	**0.020**	**0.053**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**41**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**19**
Zinc, Zn	**5000**	**0.50**	**29**

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-9(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-53	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**17**
Arsenic, As	**500**	**5.0**	**16**
Barium, Ba	**10000**	**5.0**	**210**
Beryllium, Be	**75**	**0.50**	**1.1**
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**42**
Cobalt, Co	**8000**	**2.5**	**17**
Copper, Cu	**2500**	**0.50**	**24**
Lead, Pb	**1000**	**5.0**	**18**
Mercury, Hg	**20**	**0.020**	**0.022**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**60**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**40**
Zinc, Zn	**5000**	**0.50**	**57**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-10(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-54	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**13**
Arsenic, As	**500**	**5.0**	**15**
Barium, Ba	**10000**	**5.0**	**110**
Beryllium, Be	**75**	**0.50**	**0.59**
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**34**
Cobalt, Co	**8000**	**2.5**	**7.1**
Copper, Cu	**2500**	**0.50**	**23**
Lead, Pb	**1000**	**5.0**	**5.6**
Mercury, Hg	**20**	**0.020**	**0.026**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**44**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**24**
Zinc, Zn	**5000**	**0.50**	**44**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss Associates	Client Proj. ID: Shell 350 Grand Ave., Oakland	Sampled: 03/27/96
5500 Shellmound	Sample Descript: SB-11(A-D) Comp	Received: 03/28/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 04/01/96
	Analysis Method: Title 22	Analyzed: 04/02/96
Attention: Brian Busch	Lab Number: 9603J59-55	Reported: 04/11/96

Instrument ID: MTJA-2

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	**500**	**5.0**	**15**
Arsenic, As	**500**	**5.0**	**12**
Barium, Ba	**10000**	**5.0**	**98**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**30**
Cobalt, Co	**8000**	**2.5**	**5.4**
Copper, Cu	**2500**	**0.50**	**25**
Lead, Pb	**1000**	**5.0**	**5.3**
Mercury, Hg	**20**	**0.020**	**0.053**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**36**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**19**
Zinc, Zn	**5000**	**0.50**	**37**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -01 - 05	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC040196HBPEXA
Analy. Method:	EPA 8015 M
Prep. Method:	EPA 3550
Analyst:	B. Ali
MS/MSD #:	9603J42-01
Sample Conc.:	1.5
Prepared Date:	4/1/96
Analyzed Date:	4/3/96
Instrument I.D.#:	GCHP4B
Conc. Spiked:	25 mg/kg
Result:	22
MS % Recovery:	82
Dup. Result:	23
MSD % Recov.:	86
RPD:	4.4
RPD Limit:	0-50

LCS #:	BLK040196BS
Prepared Date:	4/1/96
Analyzed Date:	4/3/96
Instrument I.D.#:	GCHP4B
Conc. Spiked:	25 mg/kg
LCS Result:	16
LCS % Recov.:	64

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -06 - 25	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC040196HBPEXC
Analy. Method:	EPA 8015 M
Prep. Method:	EPA 3550
Analyst:	B. Ali
MS/MSD #:	9603J46-17
Sample Conc.:	7.1
Prepared Date:	4/1/96
Analyzed Date:	4/5/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	25 mg/kg
Result:	37
MS % Recovery:	120
Dup. Result:	26
MSD % Recov.:	76
RPD:	35
RPD Limit:	0-50

LCS #:	BLK040196BS
Prepared Date:	4/1/96
Analyzed Date:	4/5/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	25 mg/kg
LCS Result:	24
LCS % Recov.:	96

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -26 - 44	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC040296HBPEXA
Analy. Method:	EPA 8015 M
Prep. Method:	EPA 3550
Analyst:	B. Ali
MS/MSD #:	9603J46-31
Sample Conc.:	2.3
Prepared Date:	4/2/96
Analyzed Date:	4/5/96
Instrument I.D.#:	GCHP5B
Conc. Spiked:	25 mg/kg
Result:	23
MS % Recovery:	83
Dup. Result:	15
MSD % Recov.:	51
RPD:	42
RPD Limit:	0-50

LCS #:	BLK040296BS
Prepared Date:	4/2/96
Analyzed Date:	4/5/96
Instrument I.D.#:	GCHP5B
Conc. Spiked:	25 mg/kg
LCS Result:	19
LCS % Recov.:	76

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -01 - 21	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC040296BTEXEB	GC040296BTEXEB	GC040296BTEXEB	GC040296BTEXEB
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	E. Cunanan	E. Cunanan	E. Cunanan	E. Cunanan
MS/MSD #:	9603J47-01	9603J47-01	9603J47-01	9603J47-01
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
Result:	0.17	0.18	0.18	0.53
MS % Recovery:	85	90	90	88
Dup. Result:	0.18	0.19	0.19	0.55
MSD % Recov.:	90	95	95	92
RPD:	5.7	5.4	5.4	3.7
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
LCS Result:	0.20	0.20	0.21	0.60
LCS % Recov.:	100	100	105	100

MS/MSD LCS Control Limits	50-150	50-150	50-150	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Weiss & Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Brian Busch

Client Project ID: Shell 350 Grand Ave., Oakland
Matrix: Solid
Work Order #: 9603J46 -22 - 41
Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC040296BTEXEC	GC040296BTEXEC	GC040296BTEXEC	GC040296BTEXEC
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	E. Cunanan	E. Cunanan	E. Cunanan	E. Cunanan
MS/MSD #:	9603H11-08	9603H11-08	9603H11-08	9603H11-08
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.020 mg/kg	0.020 mg/kg	0.020 mg/kg	0.060 mg/kg
Result:	0.020	0.020	0.020	0.050
MS % Recovery:	100	100	100	83
Dup. Result:	0.014	0.014	0.014	0.041
MSD % Recov.:	70	70	70	68
RPD:	35	35	35	20
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.020 mg/kg	0.020 mg/kg	0.020 mg/kg	0.060 mg/kg
LCS Result:	0.020	0.020	0.020	0.054
LCS % Recov.:	100	100	100	90

MS/MSD LCS Control Limits	50-150	50-150	50-150	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -42 - 44	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC040296BTEXED	GC040296BTEXED	GC040296BTEXED	GC040296BTEXED
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	E. Cunanan	E. Cunanan	E. Cunanan	E. Cunanan
MS/MSD #:	9603H11-07	9603H11-07	9603H11-07	9603H11-07
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.020 mg/kg	0.020 mg/kg	0.020 mg/kg	0.060 mg/kg
Result:	0.016	0.016	0.017	0.047
MS % Recovery:	80	80	85	78
Dup. Result:	0.016	0.016	0.017	0.047
MSD % Recov.:	80	80	85	78
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS	GBLK0402996BS
Prepared Date:	4/2/96	4/2/96	4/2/96	4/2/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.020 mg/kg	0.020 mg/kg	0.020 mg/kg	0.060 mg/kg
LCS Result:	0.019	0.019	0.019	0.054
LCS % Recov.:	95	95	95	90
MS/MSD LCS Control Limits	50-150	50-150	50-150	50-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J46 -45 - 47	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0401966010MDF	ME0401966010MDF	ME0401966010MDF	ME0401966010MDF
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9603J59-48	9603J59-48	9603J59-48	9603J59-48
Sample Conc.:	N.D.	N.D.	31	33
Prepared Date:	4/1/96	4/1/96	4/1/96	4/1/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
Result:	96	94	130	130
MS % Recovery:	96	94	99	97
Dup. Result:	95	94	120	120
MSD % Recov.:	95	94	89	87
RPD:	1.0	0.0	8.0	8.0
RPD Limit:	0-30	0-30	0-30	0-30

LCS #:	BLK040196	BLK040196	BLK040196	BLK040196
Prepared Date:	4/1/96	4/1/96	4/1/96	4/1/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
LCS Result:	100	100	100	99
LCS % Recov.:	100	100	100	99
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J59 -53	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Organic Lead
QC Batch#:	ME040396LUFTMDA
Analy. Method:	LUFT
Prep. Method:	LUFT

Analyst:	S. Fong
MS/MSD #:	9603J32-04A
Sample Conc.:	N.D.
Prepared Date:	4/3/96
Analyzed Date:	4/4/96
Instrument I.D.#:	MV2
Conc. Spiked:	20 mg/kg
Result:	19
MS % Recovery:	95
Dup. Result:	19
MSD % Recov.:	95
RPD:	0.0
RPD Limit:	0-30

LCS #:	BLK040396BS
Prepared Date:	4/3/96
Analyzed Date:	4/4/96
Instrument I.D.#:	MV2
Conc. Spiked:	20 mg/kg
LCS Result:	19
LCS % Recov.:	95

MS/MSD LCS Control Limits	75-125

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss & Associates	Client Project ID:	Shell 350 Grand Ave., Oakland	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Brian Busch	Work Order #:	9603J59 - 48 - 55	Reported: Apr 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0401966010MDF	ME0401966010MDF	ME0401966010MDF	ME0401966010MDF
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9603J59-48	9603J59-48	9603J59-48	9603J59-48
Sample Conc.:	N.D.	N.D.	31	33
Prepared Date:	4/1/96	4/1/96	4/1/96	4/1/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
Result:	96	94	130	130
MS % Recovery:	96	94	99	97
Dup. Result:	95	94	120	120
MSD % Recov.:	95	94	89	87
RPD:	1.0	0.0	8.0	8.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK040196	BLK040196	BLK040196	BLK040196
Prepared Date:	4/1/96	4/1/96	4/1/96	4/1/96
Analyzed Date:	4/2/96	4/2/96	4/2/96	4/2/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
LCS Result:	100	100	100	99
LCS % Recov.:	100	100	100	99
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 3/26/96
Page 1 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM
Phone No.: (510) 675-6146
Fax #: 675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH
Phone No.: (510) 450-6000
Fax #: 547-5043

WA JOB # 81-0701-06

Comments: 9603546 9603559

Sampled by: BRIAN BUSCH

Printed Name:

LAB: SEQUOIA

CHECK ONE (1) BOX ONLY	CT/DT
G.W. Monitoring	4461
Site Investigation	4441
Soil Classify/Disposal	☑ 4442
Water Classify/Disposal	4443
Soil/Air Rem. or Sys. O & M	4452
Water Rem. or Sys. O & M	4453
Other	

TURN AROUND TIME: 24 hours ☐ 48 hours ☐ 15 days ☑ (Normal) Other ☐ _____

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

UST AGENCY: _____

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 See comments	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-1A (5.0)	3/26/96		X			1	X	X	X		X				Ø	X	Soil	-composite
SB-1B (9.0)			X			1	X	X	X		X							A,B,C,D after analyzing for
SB-1C (13.0)			X			1	X	X	X		X							TPH-G 1 D / BETX and analyze
SB-1D (17.0)			X			1	X	X	X		X							for remainder of items on
SB-2A (5.0)			X			1	X	X	X		X							Shells Decision Tree (attached)
SB-2B (9.0)			X			1	X	X	X		X							
SB-2C (13.0)			X			1	X	X	X		X							
SB-2D (17.0)	↓		X			1	X	X	X		X				↓	↓	↓	

	Printed Name	Date / Time		Printed Name	Date / Time
Relinquished By (signature): Brian Busch	BRIAN BUSCH	Date: 3/28/96 Time: 0905	Received (signature): Keith R Grabb	Keith R Grabb	Date: 3/28/96 Time: 0905
Relinquished By (signature): Keith R Grabb	Keith R Grabb	Date: 3/28/96 Time:	Received (signature):		Date: Time:
Relinquished By (signature):		Date: Time:	Received (signature):	G Thron	Date: 3/28/96 Time: 1342

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

Rev. 1/15/93

Shell Oil Chn. of Custody

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 3/26/96
Page 2 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM
Phone No.: (510) 675-6146
Fax #: 675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH
Phone No.: (510) 450-6000
Fax #: 547-5043

WA JOB #81-0701-06

Comments: 9603J46

Sampled by: BRIAN BUSCH JSG

Printed Name:

LAB: SEQUOIA

CHECK ONE (1) BOX ONLY | CT/DT
- G.W. Monitoring ☐ 4461
- Site Investigation ☐ 4441
- Soil Classify/Disposal ☑ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME
- 24 hours ☐
- 48 hours ☐
- 15 days ☑ (Normal)
- Other ☐ ____

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

UST AGENCY: _____

Analysis Required

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 See Comments	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-3A (5.0)	3/26/96		X			1	X	X	X		X						Ø	Y	Soil	Composite A,B,C,D after analyzing for TPH-6/40/BETX and analyze for remainder of items on Shell's Decision Tree (attached)
SB-3B (9.0)			X			1	X	X	X		X									
SB-3C (13.0)			X			1	X	X	X		X									
SB-3D (17.0)			X			1	X	X	X		X									
SB-4A (5.0)			X			1	X	X	X		X									
SB-4B (9.0)			X			1	X	X	X		X									
SB-4C (13.0)			X			1	X	X	X		X									
SB-4D (17.0)			X			1	X	X	X		X									

	Printed Name	Date / Time		Printed Name	Date / Time
Relinquished By (signature): Bryan Byrd	BRIAN BUSCH	Date: 3/26/96 Time: 0905	Received (signature): Keith R Grubb	Keith R Grubb	Date: 3/26/96 Time: 0905
Relinquished By (signature): Keith R Grubb	Keith R Grubb	Date: 3/26/96 Time:	Received (signature):		Date: Time:
Relinquished By (signature):		Date: Time:	Received (signature):	C. Thon	Date: 5/28/96 Time: 1742

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

Rev. 1/12/93

Shell Oil Chn. of Custody

142

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 3/26/96
Page 7 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM
Phone No.: (510) 675-6146
Fax #: 675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH
WA JOB # 81-0701-06
Phone No.: (510) 450-6000
Fax #: 547-5043

Comments: 9605 J46 J59

Sampled by: BRIAN BUSCH

Printed Name:

LAB: SEQUOIA

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 see Comments	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-5A (5.0)	3/26/96		X			1	X	X	X		X						Ø	Y	Soil	composite
SB-5B (9.0)			X			1	X	X	X		X									A,B,C,D after analyzing for
SB-5C (13.0)			X			1	X	X	X		X									TPH-G+D/BETX and analyze
SB-5D (17.0)			X			1	X	X	X		X									for remainder of items on
SB-6A (5.0)			X			1	X	X	X		X									Shells Decision Tree (attached)
SB-6B (9.0)			X			1	X	X	X		X									
SB-6C (13.0)			X			1	X	X	X		X									
SB-6D (17.0)			X			1	X	X	X		X									

CHECK ONE (1) BOX ONLY

	CT/DT
G.W. Monitoring	4461
Site Investigation	4441
Soil Classify/Disposal	☑ 4442
Water Classify/Disposal	4443
Soil/Air Rem. or Sys. O & M	4452
Water Rem. or Sys. O & M	4453
Other	

TURN AROUND TIME
- 24 hours ☐
- 48 hours ☐
- 15 days ☑ (Normal)
- Other ☐ ____

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

UST AGENCY: _____

	Printed Name	Date / Time		Printed Name	Date / Time
Relinquished By (signature): Brian Busch	BRIAN BUSCH	Date: 3/28/96 Time: 0905	Received (signature): Keith R Gubb	Keith R Gubb	Date: 3/28/96 Time: 0905
Relinquished By (signature): Keith R Gubb	Keith R Gubb	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature): C. Thor	Printed Name:	Date: Time:

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

Rev. 7/12/93

Shell Oil Chn. of Custody

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 3/27/96
Page 4 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM — Phone No.:(510) 675-6146 Fax #:675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH — Phone No.: (510) 450-6000 Fax #: 547-5043

WA JOB #81-0701-06

Comments: 9603 J46

Sampled by: BRIAN BUSCH J59

Printed Name:

LAB: SEQUOIA

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
G.W. Monitoring ☐	4461	24 hours ☐
Site Investigation ☐	4441	48 hours ☐
Soil Classify/Disposal ☑	4442	15 days ☑ (Normal)
Water Classify/Disposal ☐	4443	Other ☐ ____
Soil/Air Rem. or Sys. O & M ☐	4452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M ☐	4453	
Other ☐		

UST AGENCY: _____

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 See Comments	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-7A (5.0)	3/27/96		X				X	X	X		X				Ø	Y	Soil	Composite
SB-7B (9.0)			X				X	X	X		X							A,B,C,D after analyzing for
SB-7C (13.0)			X				X	X	X		X							TPH-G & D / BETX and analyze
SB-7D (17.0)			X				X	X	X		X							for remainder of items on
SB-8A (5.0)			X				X	X	X		X							Shells Decision Tree (attached)
SB-8B (9.0)			X				X	X	X		X							
SB-8C (13.0)			X				X	X	X		X							
SB-8D (17.0)	↓		X				X	X	X		X				↓	↓	↓	

	Printed Name:	Date: / Time:	Received (signature):	Printed Name:	Date: / Time:
Relinquished By (signature): Brian Busch	BRIAN BUSCH	Date: 3/28/96 Time: 0905	Received (signature): Keith R Grubb	Keith R Grubb	Date: 3/28/96 Time: 0905
Relinquished By (signature): Keith R Grubb	Keith R Grubb	Date: 3/28/96 Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev. 7/13/93

Shell Oil Chn of Custody

143

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No:_____

Date: 3/27/96
Page 5 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM — Phone No.:(510) 675-6146 Fax #:675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH — Phone No.: (510) 450-6000 Fax #: 547-5043

WA JOB #81-0701-06

Comments: 9603J46 J59

Sampled by: BRIAN BUSCH

Printed Name:

LAB: SEQUOIA

CHECK ONE (1) BOX ONLY | CT/DT
- G.W. Monitoring ☐ 4461
- Site Investigation ☐ 4441
- Soil Classify/Disposal ☑ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME
- 24 hours ☐
- 48 hours ☐
- 15 days ☑ (Normal)
- Other ☐ ____

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

UST AGENCY: _____

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 See Comments	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-9A (5.0)	3/27/96		X			1	X	X	X		X						Ø	Y	Soil	Composite
SB-9B (9.0)	↓		X			1	X	X	X		X						↓	↓	↓	A,B,C,D after analyzing for TPH-6+0/BETX and analyze for remainder of items on Shell's Decision Tree (attached)
SB-9C (13.0)			X			1	X	X	X		X									
SB-9D (17.0)			X			1	X	X	X		X									
SB-10A (5.0)			X			1	X	X	X		X									
SB-10B (9.0)			X			1	X	X	X		X									
SB-10C (13.0)			X			1	X	X	X		X									
SB-10D (17.0)	↓		X			1	X	X	X		X						↓	↓	↓	

Relinquished By (signature): Brian Busch	Printed Name: BRIAN BUSCH	Date: 3/28/96 Time: 0905	Received (signature): Keith R Grubb	Printed Name: Keith R Grubb	Date: 3/28/96 Time: 0905
Relinquished By (signature): Keith R Grubb	Printed Name: Keith R Grubb	Date: 3/28/96 Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev. 7/12/93 — Shell Oil Chn. of Custody

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 3/27/96
Page 6 of 6

Site Address: 350 GRAND AVENUE, OAKLAND, CA

WIC#: 204-5510-0204

Shell Engineer: JEFF BYRAM — Phone No.: (510) 675-6146 Fax #: 675-6130

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: BRIAN BUSCH — Phone No.: (510) 450-6000 Fax #: 547-5043
WA JOB #81-0701-06

Comments: 9603J46

Sampled by: BRIAN BUSCH J59

Printed Name:

LAB: Sequoia

CHECK ONE (1) BOX ONLY | CT/DT
- G.W. Monitoring ☐ 4461
- Site Investigation ☐ 4441
- Soil Classify/Disposal ☑ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME
- 24 hours ☐
- 48 hours ☐
- 15 days ☑ (Normal)
- Other ☐ ____

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

UST AGENCY: _____

Analysis Required

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 (See comments)	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SB-11A (5.0)	3/27/96		X			1	X	X	X		X						Ø	Y	Soil	Composite
SB-11B (9.0)	↓		X			1	X	X	X		Y						↓	↓	↓	A,B,C,D after analyzing for TPH-G/D/BETX and analyze for remainder of items on Shell's Decision Tree (attached)
SB-11C (13.0)			X			1	X	X	X		Y									
SB-11D (17.0)	↓		X			1	X	X	↓		X						↓	↓	↓	

Relinquished By (signature)	Printed Name	Date / Time	Received (signature)	Printed Name	Date / Time
Brian Busch	BRIAN BUSCH	Date: 3/28/96 Time: 0905	Keith R Grubb	Keith R Grubb	Date: 3/28/96 Time: 0905
Keith R Grubb	Keith R Grubb	Date: 3/28/96 Time:			Date: Time:
		Date: Time:		E Thom	Date: 3/28/96 Time: 1343

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

Rev. 1/13/93

Shell Oil Chn. of Custody

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Brian Busch

Project: Shell 350 Grand Ave., Oakland

Enclosed are the results from samples received at Sequoia Analytical on April 24, 1996. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9604H54 -01	SOLID, G-1	04/22/96	TPHD S Extractable TPH
9604H54 -01	SOLID, G-1	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -02	SOLID, G-2	04/22/96	TPHD S Extractable TPH
9604H54 -02	SOLID, G-2	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -03	SOLID, G-3	04/22/96	TPHD S Extractable TPH
9604H54 -03	SOLID, G-3	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -04	SOLID, G-4	04/22/96	TPHD S Extractable TPH
9604H54 -04	SOLID, G-4	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -05	SOLID, G-5	04/22/96	TPHD S Extractable TPH
9604H54 -05	SOLID, G-5	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -06	SOLID, G-6	04/22/96	TPHD S Extractable TPH
9604H54 -06	SOLID, G-6	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -07	SOLID, G-7	04/22/96	TPHD S Extractable TPH
9604H54 -07	SOLID, G-7	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -08	SOLID, G-8	04/22/96	TPHD S Extractable TPH
9604H54 -08	SOLID, G-8	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -09	SOLID, D-1	04/22/96	TPHD S Extractable TPH
9604H54 -09	SOLID, D-1	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -10	SOLID, D-2	04/22/96	TPHD S Extractable TPH
9604H54 -10	SOLID, D-2	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -11	SOLID, DISP-1	04/22/96	TPHD S Extractable TPH

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SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9604H54 -11	SOLID, DISP-1	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -12	SOLID, DISP-2	04/22/96	TPHD S Extractable TPH
9604H54 -12	SOLID, DISP-2	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -13	SOLID, DISP-3	04/22/96	TPHD S Extractable TPH
9604H54 -13	SOLID, DISP-3	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -14	SOLID, DISP-4	04/22/96	TPHD S Extractable TPH
9604H54 -14	SOLID, DISP-4	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -15	SOLID, DISP-5	04/22/96	TPHD S Extractable TPH
9604H54 -15	SOLID, DISP-5	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -16	SOLID, DISP-6	04/22/96	TPHD S Extractable TPH
9604H54 -16	SOLID, DISP-6	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -17	SOLID, DISP-7	04/22/96	TPHD S Extractable TPH
9604H54 -17	SOLID, DISP-7	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -18	SOLID, DISP-8	04/22/96	TPHD S Extractable TPH
9604H54 -18	SOLID, DISP-8	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -19	SOLID, DISP-9	04/22/96	TPHD S Extractable TPH
9604H54 -19	SOLID, DISP-9	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -20	SOLID, P-1	04/22/96	TPHD S Extractable TPH
9604H54 -20	SOLID, P-1	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -21	SOLID, P-2	04/22/96	TPHD S Extractable TPH
9604H54 -21	SOLID, P-2	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -22	SOLID, P-3	04/22/96	TPHD S Extractable TPH
9604H54 -22	SOLID, P-3	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -23	SOLID, P-4	04/22/96	TPHD S Extractable TPH
9604H54 -23	SOLID, P-4	04/22/96	TPHGBS Purgeable TPH/BTEX

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SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9604H54 -24	SOLID, P-5	04/22/96	TPHD S Extractable TPH
9604H54 -24	SOLID, P-5	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -25	SOLID, P-6	04/22/96	TPHD S Extractable TPH
9604H54 -25	SOLID, P-6	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -26	SOLID, P-7	04/22/96	TPHD S Extractable TPH
9604H54 -26	SOLID, P-7	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -27	SOLID, P-8	04/22/96	TPHD S Extractable TPH
9604H54 -27	SOLID, P-8	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -28	SOLID, P-9	04/22/96	TPHD S Extractable TPH
9604H54 -28	SOLID, P-9	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -29	SOLID, P-10	04/22/96	TPHD S Extractable TPH
9604H54 -29	SOLID, P-10	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -30	SOLID, P-11	04/22/96	TPHD S Extractable TPH
9604H54 -30	SOLID, P-11	04/22/96	TPHGBS Purgeable TPH/BTEX
9604H54 -31	SOLID, P-12	04/22/96	TPHD S Extractable TPH
9604H54 -31	SOLID, P-12	04/22/96	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

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Mike Gregory
Project Manager