ST#3565
LS

Chevron

ENVIRONMENTAL PROTECTION

97 NOV -5 PM 3:41

October 31, 1997

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing – Sales West
Phone 510 842-9500

Mr. & Mrs. Thompson
3135 Gibbons Drive
Alameda, CA 94501

Re: Former Chevron Service Station #9-1153
3126 Fernside Boulevard, Alameda, California

Dear Mr. & Mrs. Thompson:

I have enclosed for your records and review, results of the soil sampling that was conducted on your property on September 19, 1997 by our consultant Gettler-Ryan Inc. The samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g); Benzene, Toluene, Ethylbenzene, Xylene (BTEX); Methyl t-Butyl Ether (MtBE) and Lead constituents. The results of the sample analysis indicates that the concentration of these constituents are sufficiently low that they should not be of concern to you.

The lead contamination which is present appears to have originated from exhaust emissions from the high volume of vehicular traffic in the area in the past, or to have been present in soil brought onto the property as part of past landscaping activities. It is also possible that the lead is consistent with naturally occurring background soil conditions present in the area. All of the lead samples are in compliance with U.S. EPA screening levels for lead. Screening levels are defined as chemical concentrations in soil that are protective for human health.

You indicated a desire to plant vegetables and fruit trees on the property, and a concern that residual petroleum hydrocarbons or lead contamination may render the vegetables and fruit unfit for consumption. I have discussed this issue with personnel within Chevron's Toxicology & Health Risk Assessment group. It is our opinion that the concentrations of petroleum hydrocarbon contamination and lead, if any, present in the soil would not present a health risk to any person eating vegetables or fruit grown on the property.

During our discussion you expressed a desire to construct a children's play area in the corner of your property where three soil samples revealed the presence of low levels of lead contamination which pose no risk to you or your children, based on the above noted screening levels. Chevron does not believe that the lead contamination was caused by its

service station operations. If however, after reviewing the sample results, you still have concerns relating to lead contamination such that you believe that it would be appropriate to remove some of the impacted soil, Chevron will consider paying for the removal of the top 1 ½ to 2 feet of impacted soil to ensure that such soil removal activities do not damage the interception trench or recovery well located in the area. Any top soil replacement would be your expense.

Chevron has placed a 2 inch rigid electrical conduit and 4 inch PVC containment line between the rear wall of your home and the fence. We are concerned that if you plant trees along the rear of the house (Fernside Blvd.), that the trees could interfere with electrical conduit and PVC line. Chevron would look to you as the owner of the property to reimburse it for the cost of repairing any damage to its remediation system caused in the future by any trees you may choose to plant. However, Chevron would be willing to work with you to determine if trees can be planted in such a manner as would eliminate the risk of interference with the remediation lines.

Information relating to Chevron's remediation system should have been provided to you along with other purchase documents at the time you purchased your home. I am however, enclosing an additional copy of the diagram of the remedial system which was installed. The system will need to remain on your property for a period of 3-5 years, until Chevron is certain that it will not be necessary to restart the system and we receive permission from the Alameda County Health Care Services Department to remove the system.

If you have any questions call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

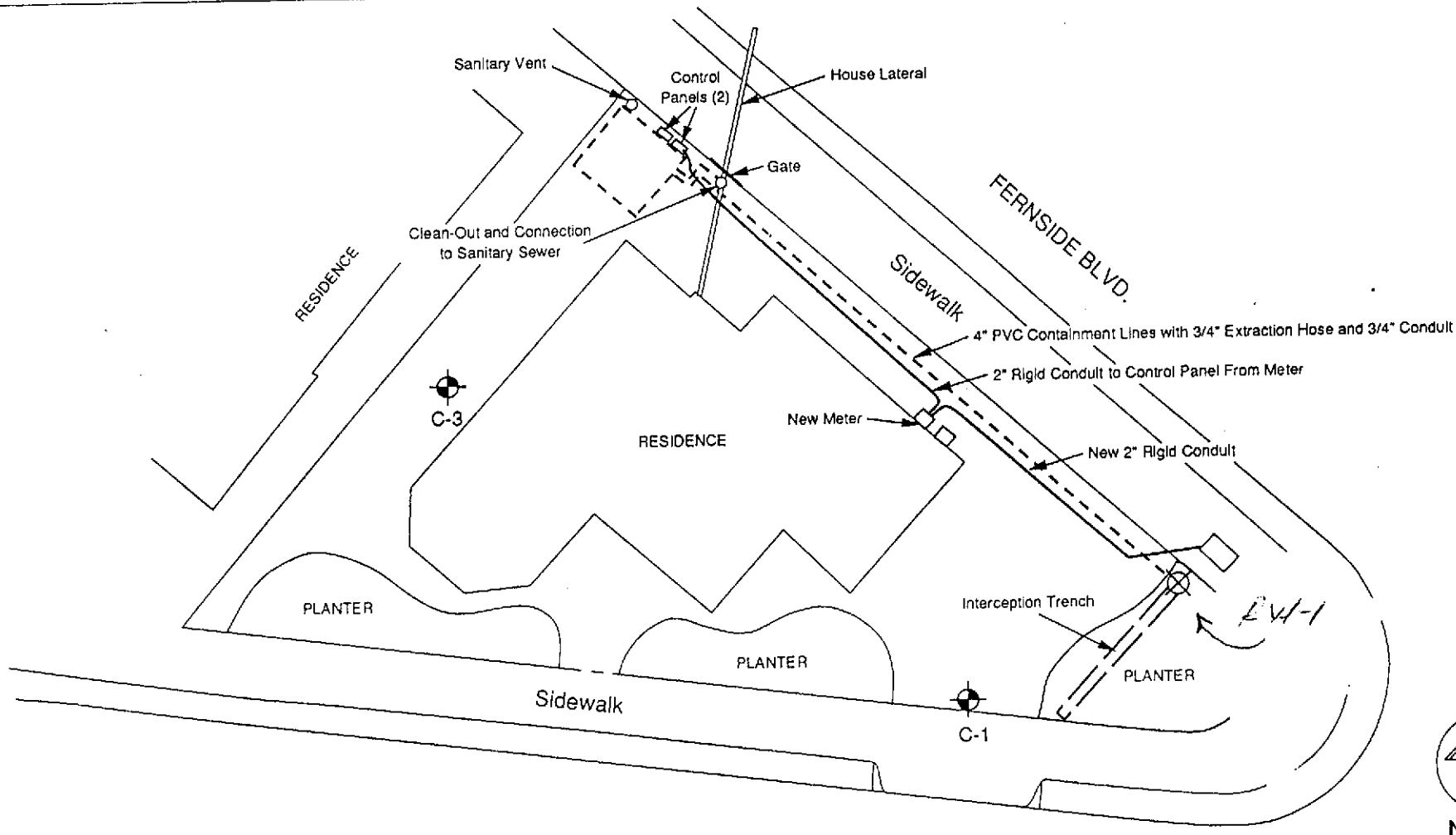
Enclosure

cc. Ms. Juliet Shin
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

cc. Ms. Bette Owen, Chevron

Ms. Renae Magaw, Chevron, CRTC, Rich 100/24-1153 (Letter only)

Mr. Jon Robbins, Chevron, Chv. Prk, V-1156 (Letter only)

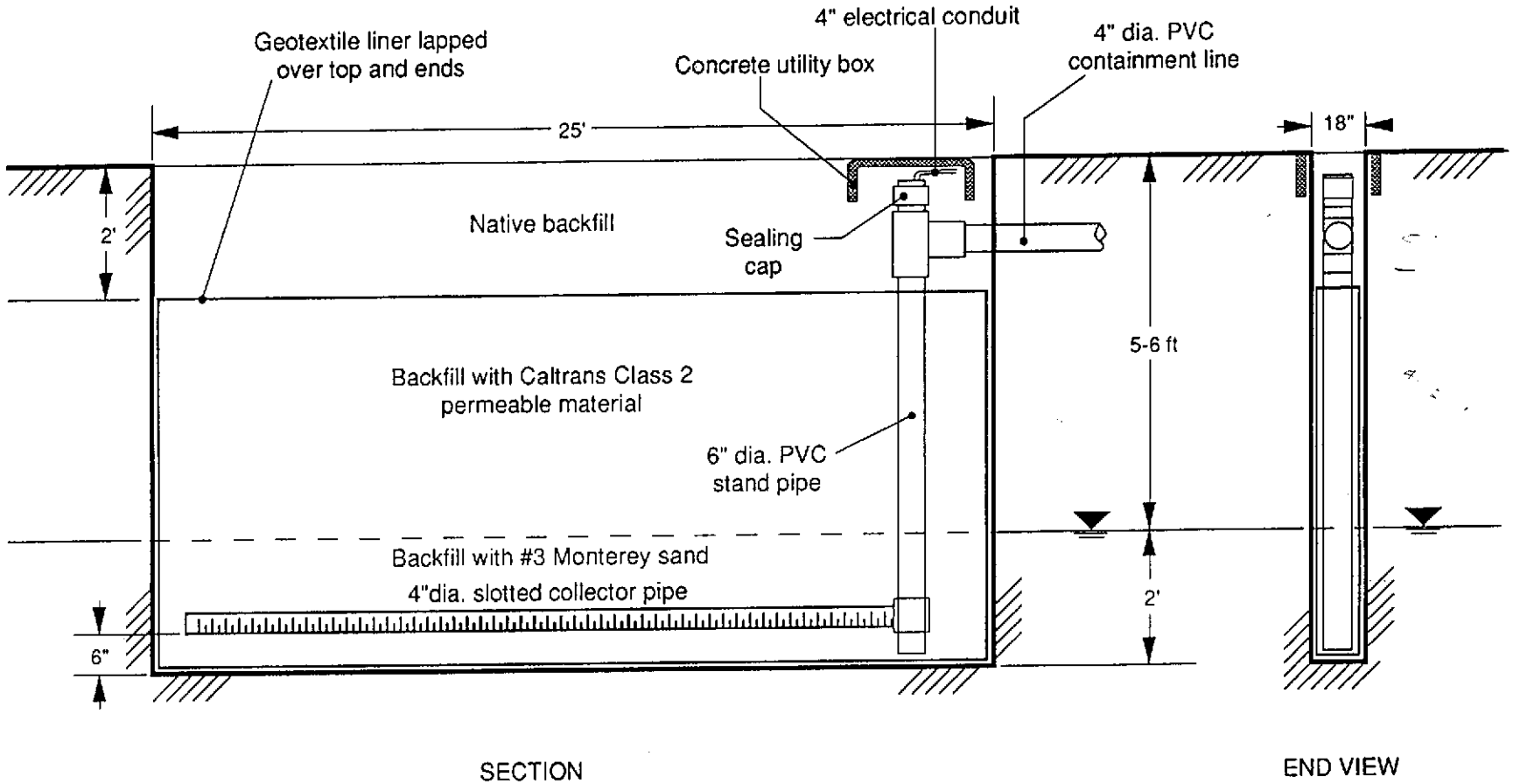


Site plan for groundwater remediation system at former Chevron SS 9-1153, Alameda, California, March 1992.

Drawn	RK	Date	2/26/92
Reviewed		Date	
Rev. 1	As Built	Date	
Final		Date	

MDRW/9-1153/LTRREPT/FEB92

ENVIRONMENTAL SERVICES
Western Division



Detail of recovery trench, former Chevron SS 9-1153, Alameda, California.

Drawn	RK	Date	2/27/92
Reviewed		Date	
Rev. 1	As Built	Date	
Final		Date	

MDRW/9-1153/LTRREPT/FEB92

ENVIRONMENTAL SERVICES
Western Division

GETTLER-RYAN INC.

97 NOV -5 PM 3:42

October 22, 1997

Mr. Phil Briggs
Chevron Products Company
P. O. Box 6004
San Ramon, California 94583

Subject: **Soil Sampling at Former Chevron Service Station #9-1153, 3126 Fernside Boulevard, Alameda, California.**

Mr. Briggs:

At the request of Chevron Products Company, Gettler-Ryan Inc. (GR) collected soil samples at the above referenced site on September 17, 1997. The purpose of this soil investigation was to evaluate whether gasoline hydrocarbons or lead are present in the shallow soil (0 to 2 feet below ground surface [bgs]) at the site. The scope of work included collecting fifteen surface soil samples, hand-augering fifteen soil borings to 1.5 feet bgs and collecting a soil sample at the bottom of each boring, submitting soil samples for laboratory analyses, and preparing a letter report documenting the work.

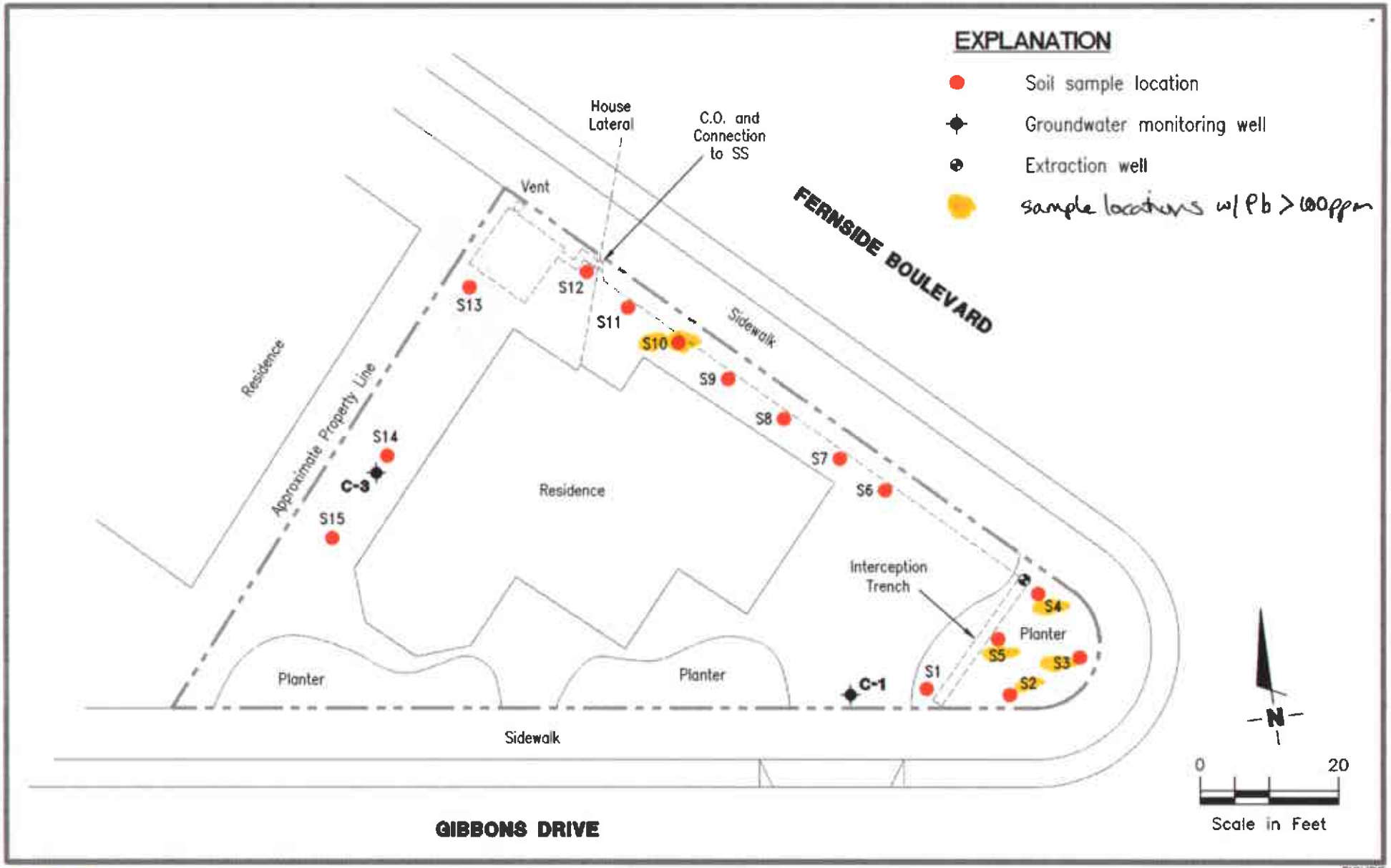
SITE DESCRIPTION

The site is located on the western corner of the intersection of Fernside Boulevard, Gibbons Drive and High Street in Alameda, California. Formerly, the site was used as a service station. After the station aboveground facilities were demolished and underground storage tanks and associated piping removed, the property use was converted to residential. Current site features include a large single family house, recovery trench, remediation building, one groundwater extraction well and two groundwater monitoring wells. The current site features are shown on Figure 1.

FIELD WORK

Field work was performed in accordance with the GR Site Safety Plan dated September 16, 1997. On September 17, 1997, a GR geologist collected two soil samples (one at the surface and one at 1.5 feet bgs) at each of the fifteen locations (S1 through S-15) shown on Figure 1. The sample locations were selected by the property owner and Mr. Phil Briggs of Chevron and included the areas to be reconstructed into a children playground (eastern corner of the property) and a vegetable garden (along the northwestern and northeastern property boundaries).

6747 Sierra Court, Suite J • Dublin, California 94568 • (510) 551-7555



Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(510) 551-7555

SAMPLE LOCATION MAP
Former Chevron Service Station No. 9-1153
3126 Fernside Boulevard
Alameda, California

FIGURE 1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
6423.01		October, 1997	

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Gettler Ryan/Geostrategies
6747 Sierra Court Suite G
Dublin, CA 94568

Attention: Barbara Sieminski

Client Proj. ID: Chevron 9-1153, Alameda

Lab Proj. ID: 9709B65

Sampled: 09/17/97
Received: 09/18/97
Analyzed: see below

Reported: 10/02/97

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9709B65-01 Sample Desc : **SOLID,S1-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**85**
Lab No: 9709B65-02 Sample Desc : **SOLID,S2-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**160**
Lab No: 9709B65-03 Sample Desc : **SOLID,S3-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**140**
Lab No: 9709B65-04 Sample Desc : **SOLID,S4-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**200**
Lab No: 9709B65-05 Sample Desc : **SOLID,S5-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**110**
Lab No: 9709B65-06 Sample Desc : **SOLID,S6-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**38**
Lab No: 9709B65-07 Sample Desc : **SOLID,S7-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**35**

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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Gettler Ryan/Geostrategies
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Dublin, CA 94568

Attention: Barbara Sieminski

Client Proj. ID: Chevron 9-1153, Alameda

Lab Proj. ID: 9709B65

Sampled: 09/17/97
Received: 09/18/97
Analyzed: see below

Reported: 10/02/97

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9709B65-15 Sample Desc : **SOLID,S15-0**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**40**
Lab No: 9709B65-16 Sample Desc : **SOLID,S1-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**13**
Lab No: 9709B65-17 Sample Desc : **SOLID,S2-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**6.7**
Lab No: 9709B65-18 Sample Desc : **SOLID,S3-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**12**
Lab No: 9709B65-19 Sample Desc : **SOLID,S4-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**16**
Lab No: 9709B65-20 Sample Desc : **SOLID,S5-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**15**
Lab No: 9709B65-21 Sample Desc : **SOLID,S6-1.5**				
Lead	**mg/Kg**	**09/23/97**	**5.0**	**15**

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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6747 Sierra Court Suite G
Dublin, CA 94568

Attention: Barbara Sieminski

Client Proj. ID: Chevron 9-1153, Alameda

Lab Proj. ID: 9709B65

Sampled: 09/17/97
Received: 09/18/97
Analyzed: see below

Reported: 10/02/97

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9709B65-29				
Sample Desc : **SOLID,S14-1.5**				
Lead	**mg/Kg**	**09/24/97**	**5.0**	**20**
Lab No: 9709B65-30				
Sample Desc : **SOLID,S15-1.5**				
Lead	**mg/Kg**	**09/24/97**	**5.0**	**12**

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

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S1-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-01	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	80
4-Bromofluorobenzene	60	140	82

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S2-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/25/97
Attention: Barbara Sieminski	Lab Number: 9709B65-02	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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
4-Bromofluorobenzene	60	140	71

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S3-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-03	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	78
4-Bromofluorobenzene	60	140	87

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S4-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-04	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	84
4-Bromofluorobenzene	60	140	69

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S5-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/30/97
Attention: Barbara Sieminski	Lab Number: 9709B65-05	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	**0.0050**	**0.0078**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90
4-Bromofluorobenzene	60	140	92

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S6-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-06	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	111
4-Bromofluorobenzene	60	140	91

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S7-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-07	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	83
4-Bromofluorobenzene	60	140	87

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

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S8-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-08	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	79
4-Bromofluorobenzene	60	140	84

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

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S9-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-09	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	85
4-Bromofluorobenzene	60	140	84

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S10-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-10	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	79
4-Bromofluorobenzene	60	140	76

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S11-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-11	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	82
4-Bromofluorobenzene	60	140	85

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S12-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-12	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	77
4-Bromofluorobenzene	60	140	81

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S13-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-13	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	73
4-Bromofluorobenzene	60	140	87

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S14-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-14	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	70
4-Bromofluorobenzene	60	140	86

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S15-0	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/29/97
Attention: Barbara Sieminski	Lab Number: 9709B65-15	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**1.6**
Methyl t-Butyl Ether	0.025	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:		
Discrete Peaks		**C11-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92
4-Bromofluorobenzene	60	140	90

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S1-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/29/97
Attention: Barbara Sieminski	Lab Number: 9709B65-16	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	**0.0050**	**0.029**
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	106
4-Bromofluorobenzene	60	140	85

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S2-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-17	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	70
4-Bromofluorobenzene	60	140	70

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S3-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/29/97
Attention: Barbara Sieminski	Lab Number: 9709B65-18	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.5**	**19**
Methyl t-Butyl Ether	**0.062**	**0.11**
Benzene	**0.012**	**0.12**
Toluene	**0.012**	**0.28**
Ethyl Benzene	**0.012**	**0.30**
Xylenes (Total)	**0.012**	**1.4**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	151 Q
4-Bromofluorobenzene	60	140	115

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S4-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/29/97
Attention: Barbara Sieminski	Lab Number: 9709B65-19	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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
4-Bromofluorobenzene	60	140	77

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S5-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-20	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	82
4-Bromofluorobenzene	60	140	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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Gettler Ryan/Geostrategies
6747 Sierra Court Suite G
Dublin, CA 94568

Attention: Barbara Sieminski

Client Proj. ID: Chevron 9-1153, Alameda
Sample Descript: S6-1.5
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9709B65-21

Sampled: 09/17/97
Received: 09/18/97
Extracted: 09/24/97
Analyzed: 09/26/97
Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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
4-Bromofluorobenzene	60	140	90

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

SEQUOIA ANALYTICAL - ELAP #1210

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S7-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-22	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	97
4-Bromofluorobenzene	60	140	89

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S8-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-23	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**4.9**
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.011**
Xylenes (Total)	**0.0050**	**0.048**
Chromatogram Pattern:		
Weathered Gas		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96
4-Bromofluorobenzene	60	140	90

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S9-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sleminski	Lab Number: 9709B65-24	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	85
4-Bromofluorobenzene	60	140	88

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

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

Sequoia Analytical

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

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S10-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/26/97
Attention: Barbara Sieminski	Lab Number: 9709B65-25	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	84
4-Bromofluorobenzene	60	140	85

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S11-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-26	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	84
4-Bromofluorobenzene	60	140	83

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S12-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-27	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	78
4-Bromofluorobenzene	60	140	75

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S13-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-28	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	72
4-Bromofluorobenzene	60	140	79

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S14-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/28/97
Attention: Barbara Sieminski	Lab Number: 9709B65-29	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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	81
4-Bromofluorobenzene	60	140	83

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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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Sampled: 09/17/97
6747 Sierra Court Suite G	Sample Descript: S15-1.5	Received: 09/18/97
Dublin, CA 94568	Matrix: SOLID	Extracted: 09/24/97
	Analysis Method: 8015Mod/8020	Analyzed: 09/29/97
Attention: Barbara Sieminski	Lab Number: 9709B65-30	Reported: 10/02/97

QC Batch Number: GC092497BTEXEXC
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**3.5**
Methyl t-Butyl Ether	0.025	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:		
Unidentified HC		**C10-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	101
4-Bromofluorobenzene	60	140	87

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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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron 9-1153, Alameda
Matrix: Solid
Work Order #: 9709B65 -01-20
Reported: Oct 2, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC092497BTEXEXB	GC092497BTEXEXB	GC092497BTEXEXB	GC092497BTEXEXB	GC092497BTEXEXB
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Porter	A. Porter	A. Porter	A. Porter	A. Porter
MS/MSD #:	9709B6502	9709B6502	9709B6502	9709B6502	9709B6502
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/24/97	9/24/97	9/24/97	9/24/97	9/24/97
Analyzed Date:	9/25/97	9/25/97	9/25/97	9/25/97	9/25/97
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg	1.2 mg/Kg
Result:	0.14	0.14	0.14	0.41	0.90
MS % Recovery:	70	70	70	68	75
Dup. Result:	0.15	0.15	0.15	0.46	1.0
MSD % Recov.:	75	75	75	77	83
RPD:	6.9	6.9	6.9	11	11
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK092497	BLK092497	BLK092497	BLK092497	BLK092497
Prepared Date:	9/24/97	9/24/97	9/24/97	9/24/97	9/24/97
Analyzed Date:	9/25/97	9/25/97	9/25/97	9/25/97	9/25/97
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg	1.2 mg/Kg
LCS Result:	0.17	0.17	0.17	0.51	1.1
LCS % Recov.:	85	85	85	85	92
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

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.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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

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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron 9-1153, Alameda
Matrix: Solid
Work Order #: 9709B65-21-30
Reported: Oct 2, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC092497BTEXEXC	GC092497BTEXEXC	GC092497BTEXEXC	GC092497BTEXEXC	GC092497BTEXEXC
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Porter	A. Porter	A. Porter	A. Porter	A. Porter
MS/MSD #:	9709B6515	9709B6515	9709B6515	9709B6515	9709B6515
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/24/97	9/24/97	9/24/97	9/24/97	9/24/97
Analyzed Date:	9/25/97	9/25/97	9/25/97	9/25/97	9/25/97
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg	1.2 mg/Kg
Result:	0.16	0.16	0.16	0.47	1.0
MS % Recovery:	80	80	80	78	83
Dup. Result:	0.16	0.16	0.16	0.46	1.0
MSD % Recov.:	80	80	80	77	83
RPD:	0.0	0.0	0.0	2.2	0.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK092497	BLK092497	BLK092497	BLK092497	BLK092497
Prepared Date:	9/24/97	9/24/97	9/24/97	9/24/97	9/24/97
Analyzed Date:	9/25/97	9/25/97	9/25/97	9/25/97	9/25/97
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg	1.2 mg/Kg
LCS Result:	0.17	0.17	0.17	0.48	1.0
LCS % Recov.:	85	85	85	80	83
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

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

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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron 9-1153, Alameda
Matrix: Solid
Work Order #: 9709B65-01-04

Reported: Oct 2, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0922976010MDE	ME0922976010MDE	ME0922976010MDE	ME0922976010MDE
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	R. Butler	R. Butler	R. Butler	R. Butler
MS/MSD #:	9709A6701	9709A6701	9709A6701	9709A6701
Sample Conc.:	N.D.	N.D.	23	15
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/23/97	9/23/97	9/23/97	9/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
Result:	42	44	66	59
MS % Recovery:	84	88	86	88
Dup. Result:	42	44	66	59
MSD % Recov.:	84	88	86	88
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20
LCS #:	BLK092297	BLK092297	BLK092297	BLK092297
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/23/97	9/23/97	9/23/97	9/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
LCS Result:	50	49	51	51
LCS % Recov.:	100	98	100	100
MS/MSD Control Limits	80-120	80-120	80-120	80-120
LCS Control Limits	80-120	80-120	80-120	80-120

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.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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

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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron 9-1153, Alameda
Matrix: Solid
Work Order #: 9709B65-05-24
Reported: Oct 2, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0922976010MDF	ME0922976010MDF	ME0922976010MDF	ME0922976010MDF
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	R. Butler	R. Butler	R. Butler	R. Butler
MS/MSD #:	9709B6505	9709B6505	9709B6505	9709B6505
Sample Conc.:	N.D.	0.68	24	26
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/23/97	9/23/97	9/23/97	9/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
Result:	41	44	68	69
MS % Recovery:	82	86	88	86
Dup. Result:	41	44	67	68
MSD % Recov.:	82	86	86	84
RPD:	0.0	0.0	1.5	1.5
RPD Limit:	0-20	0-20	0-20	0-20
LCS #:	BLK092297	BLK092297	BLK092297	BLK092297
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/23/97	9/23/97	9/23/97	9/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
LCS Result:	44	46	45	47
LCS % Recov.:	88	92	90	94
MS/MSD Control Limits	80-120	80-120	80-120	80-120
LCS Control Limits	80-120	80-120	80-120	80-120

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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

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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron 9-1153, Alameda
Matrix: Solid
Work Order #: 9709B65-25-30
Reported: Oct 2, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0922976010MDG	ME0922976010MDG	ME0922976010MDG	ME0922976010MDG
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	R. Butler	R. Butler	R. Butler	R. Butler
MS/MSD #:	9709B6525	9709B6525	9709B6525	9709B6525
Sample Conc.:	N.D.	1.6	24	27
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/24/97	9/24/97	9/24/97	9/24/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
Result:	36	38	67	67
MS % Recovery:	72	73	86	80
Dup. Result:	37	39	64	66
MSD % Recov.:	74	75	80	78
RPD:	2.7	2.6	4.6	1.5
RPD Limit:	0-20	0-20	0-20	0-20
LCS #:	BLK092297	BLK092297	BLK092297	BLK092297
Prepared Date:	9/22/97	9/22/97	9/22/97	9/22/97
Analyzed Date:	9/24/97	9/24/97	9/24/97	9/24/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	50 mg/Kg	50 mg/Kg	50 mg/Kg	50 mg/Kg
LCS Result:	41	42	41	43
LCS % Recov.:	82	84	82	86
MS/MSD	80-120	80-120	80-120	80-120
LCS	80-120	80-120	80-120	80-120
Control Limits				

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.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 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

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-1153, Alameda	Received: 09/18/97
6747 Sierra Court Suite G		
Dublin, CA 94568	Lab Proj. ID: 9709B65	Reported: 10/02/97
Attention: Barbara Sieminski		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 45 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☑ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-1153
Facility Address: Fernside Blvd/Gibbons Dr, Alameda
Consultant Project Number: 6423.01
Consultant Name: Getter-Ryan Inc
Address: 6747 Sierra Ct, Ste J, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone) (510) 551-7555 (Fax Number) (510) 551-7888

Chevron Contact (Name): Phil Briggs
(Phone) (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 9034475 ZZ 02760
Samples Collected by (Name): Barbara Sieminski
Collection Date: 09/17/97
Signature: B Sieminski

Analyses To Be Performed: 9709 B65

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Total Lead					Remarks
																					SP 18 14 18
S1-0	1	1	S	D	11:00		Yes	X								X					
S2-0	2	1			11:03			X								X					
S3-0	3	1			11:05			X								X					
S4-0	4	1			11:07			X								X					
S5-0	5	1			11:09			X								X					
S6-0	6	1			11:12			X								X					
S7-0	7	1			11:14			X								X					
S8-0	8	1			11:16			X								X					
S9-0	9	1			11:18			X								X					
S10-0	10	1			11:20			X								X					
S11-0	11	1			11:23			X								X					
S12-0	12	1			11:25			X								X					
S13-0	13	1			11:27			X								X					
S14-0	14	1	↓	↓	11:29		↓	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	09/18/97		SA	9/18/97 2:25
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SA	9/18/97			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					9-18-97 16:45

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

OC-3.DWG/03 91/ACH

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☑ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-1153
Facility Address Fernside Blvd/Gibbons Dr, Alameda
Consultant Project Number 6423.01
Consultant Name Getter-Ryan, Inc.
Address 6747 Sierra Ct, Ste J, Dublin, CA 94568
Project Contact (Name) Barbara Sieminski
(Phone) (510) 551-7555 (Fax Number) (510) 551-7888

Chevron Contact (Name) Phil Briggs
(Phone) (510) 842-9136
Laboratory Name Sequoia
Laboratory Release Number 9034475 220760
Samples Collected by (Name) Barbara Sieminski
Collection Date 09/17/97
Signature Barbara Sieminski

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Total Lead					Remarks
S14-1.5	29	1	S	D	15:05		Yes	X								X					
S15-1.5	30	1	S	D	15:15		↓	X								X					

SP 18 14 18

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	GR	09/18/97		SA	9/18/97 2:35
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SA	9/18/97			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					9-18-97 1418

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/03 91/HCH