Chevron

August 21, 1995

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 5004
San Ramon, CA 94583-0804

Site Assessment & Remediation Group
Phone (510) 842-9500

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Signal Bulk Plant
2001 Versailles Avenue, Alameda, CA

Dear Mr. Chan:

Enclosed is the Drilling Report - Soil Assessment Activities Report dated August 16, 1995, prepared by our consultant Touchstone Developments for the above referenced site. Nine soil borings were advanced to further define the extent of known source areas.

Soil samples collected were submitted to Sequoia Analytical for analysis. Laboratory results indicate that concentrations of TPH-G, TPH-D, TOG, and BTEX are low or below method detection limits. Concentrations of EPA Methods 8010 and 8270 constituents were below method detection limits for all samples analyzed. All analytical data is summarized in Table A of the enclosed report.

Based on this and all historical information collected at the site, it appears that the extent of hydrocarbon impacted soil present at the sight is limited to select source areas. We are currently developing a work plan for remediation and anticipate forwarding this document to your office by September, 1995.

Please feel free to contact me at (510) 842-8134 should you have any questions or comments.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

Mr. Clifford Mapes
14 Grass Valley Court
Oakland, CA 94605

Exxon Company, U.S.A.
Marketing Department
Attn.: Distribution Manager
800 Bell Street, Suite 2845
Houston, TX 77002

Mr. William J. Stack
Exxon Company, U.S.A.
800 Bell Street, Suite 4137
Houston, TX 77002

Touchstone Developments
Environmental Management

95 AUG 23 PM 2:25

607

August 16, 1995

Mr. Mark Miller
Chevron
P.O Box 5004
San Ramon, CA 94583

Subject Drilling Report - Soil Assessment Activities
Alameda Bulk Plant, 2001 Versailles Avenue, Alameda

Dear Mr. Miller:

This letter documents the results of soil assessments activities at the former Alameda bulk plant, located at 2001 Versailles Avenue in Alameda. The scope of work was presented in a work plan, prepared by Touchstone Developments and dated March 13, 1995, which was accepted by Alameda County Environmental Health Department. The objective of the assessment activities was to collect relevant soil data to determine proposed excavation limits for pending soil remediation.

SITE CONDITIONS AND SCOPE OF WORK

Previous investigations have noted six potential areas of contamination on-site As classified by Chevron, these areas are (Figure 1):

* The area at the corner of Fernside and Versailles Avenue, adjacent to a 1000 gallon underground storage tank (UST) still in place, and near Kleinfelder Trench Number 1.
* The former UST vault
* The above ground storage tank (AST) area on the north end of the site
* Three areas around the warehouse/office:
    1) manifold lines and sump
    2) oil receptacle
    3) warehouse and drum disposal area

It was anticipated that nine borings would be drilled. Two soil samples were to be collected from each boring. One sample was to assess soil contamination in the shallow "root-zone" area between grade and four feet below grade surface (bgs). The second sample was to be collected at the soil/water interface Groundwater was anticipated to occur at varying levels across the site, between five and twelve feet bgs. Based on historic

analytical data, groundwater did not appear to be significantly impacted with petroleum hydrocarbons, and therefore, saturated soil was anticipated to define the vertical extent of contamination

PERMITTING

A permit application was submitted to the Alameda County Flood Control and Water Conservation District to drill the proposed nine soil borings. Drilling permit number 95360 was issued on June 10, 1995. The state completion reports (DWRs) were submitted under separate cover to comply with reporting requirements of the permit issuing agency

FIELD ACTIVITIES

Nine exploratory borings (SB-1 through SB-9) were drilled on June 29, 1995, at the approximate locations shown in Figure 2. These borings were six-inchs in diameter and drilled with hollow-stem auger equipment. The borings were logged by a Touchstone geologist, and lithologic descriptions (logs) are included in Appendix A.

All equipment that entered the borehole was steam cleaned before each boring. Soil samples were collected with a split spoon sampler equipped with brass sleeves that advanced into undisturbed soil beyond the auger tip. Brass sleeves were removed from the sampler, sealed with aluminum foil and plastic end caps. Each sample was labeled, logged on a chain-of -custody and placed in a cooler with ice, awaiting transport to Sequoia Analytical, a State-certified laboratory.

In general, two samples were selected for analysis from each boring. The approximate sampling depth and analytical procedures were in accordance with the accepted work plan and based on field conditions and historic data. Field observations prompted the analysis of one additional sample from each of borings SB-6 and SB-9.

The soil generated during drilling of the borings was stockpiled on-site and covered with visquene. This soil will be aerated and disposed of during soil remediation activities, expected to occur in September

GEOLOGIC CONDITIONS

Subsurface conditions are not uniform across the site. Soils are predominantly sandy silts and clayey sands. Groundwater and saturated soils were encountered at varying depth. In most cases borings were advanced to 10 feet total depth, with water encountered between five and six feet bgs. In boring SB-6, saturated soils were not encountered until 10.75 feet bgs.

SOIL ANALYTICAL RESULTS

A summary of soil analytical results is included as Table A The highest concentrations of total petroleum hydrocarbons (TPH) as gasoline was encountered in boring SB-7 (470 ppm) at a depth of five feet bgs. Gasoline type constituents were encountered in only three of the nine borings SB-5, SB-6 and SB-7. Select borings were analyzed for TPH as diesel and oil and grease constituents. The highest concentrations of these fuel products was encountered in boring SB-6 (460 ppm TPH diesel/300 ppm oil and grease). It should be noted that although solvents were tested for using EPA methods 8010 and 8270 in six of the soil samples, all results were at non-detectable levels. Metals analysis, performed on six soil samples, indicated metal constituents on-site at levels below California Title 22 requirements for disposal

FUTURE SITE ACTIVITIES

why Pb?

The information generated during this site investigation will be used to determine proposed excavation limits. Based on soil results for this phase of investigation, solvents and metals (with the exception of lead) should not need to be part of the next analytical program. A separate work plan defining the area and objectives of soil remediation activities will be submitted to Alameda County Health Department for approval prior to the start of field activities.

Please call with any comments or questions.

Very truly yours,

Ann Marie Dockstader
Project Manager

Marc Seeley
CEG #1014

CERTIFIED ENGINEERING GEOLOGIST
MARC W. SEELEY
#1014
GEOLOGIST
STATE OF CALIFORNIA

Attachments:
Table A - Soil Sample Results
Figure 1 - Site Plan
Figure 2 - Boring Locations
Appendix A - Boring Logs

TABLE A
SOIL SAMPLE RESULTS
Former Chevron Alameda Bulk Plant

PETROLEUM HYDROCARBONS

Boring Number	Depth (feet)	Lab	Date	TPH - gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylene (ppm)
SB-1	3	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-1	5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-2	3.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-2	5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-3	3	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-3	5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-4	2.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-4	5.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-5	2.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-5	6	Sequoia	6/29/95	76	ND	ND	ND	0.97
SB-6	2.5	Sequoia	6/29/95	27	ND	ND	0.13	0.18
SB-6	5.5	Sequoia	6/29/95	380	1.1	1.2	2.4	1.6
SB-6	10	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-7	2.5	Sequoia	6/29/95	98	ND	0.61	0.52	0.73
SB-7	5	Sequoia	6/29/95	470	ND	5.2	3.7	7.8
SB-8	2	Sequoia	6/29/95	ND	ND	0.010	ND	0.021
SB-8	5.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-9	4.0	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-9	5.5	Sequoia	6/29/95	ND	ND	ND	ND	ND
SB-9	10.0	Sequoia	6/29/95	ND	ND	ND	ND	ND

TABLE A (continued)
SOIL SAMPLE RESULTS
Former Alameda Bulk Plant

DIESEL, OIL AND GREASE and SOLVENTS (as applicable)

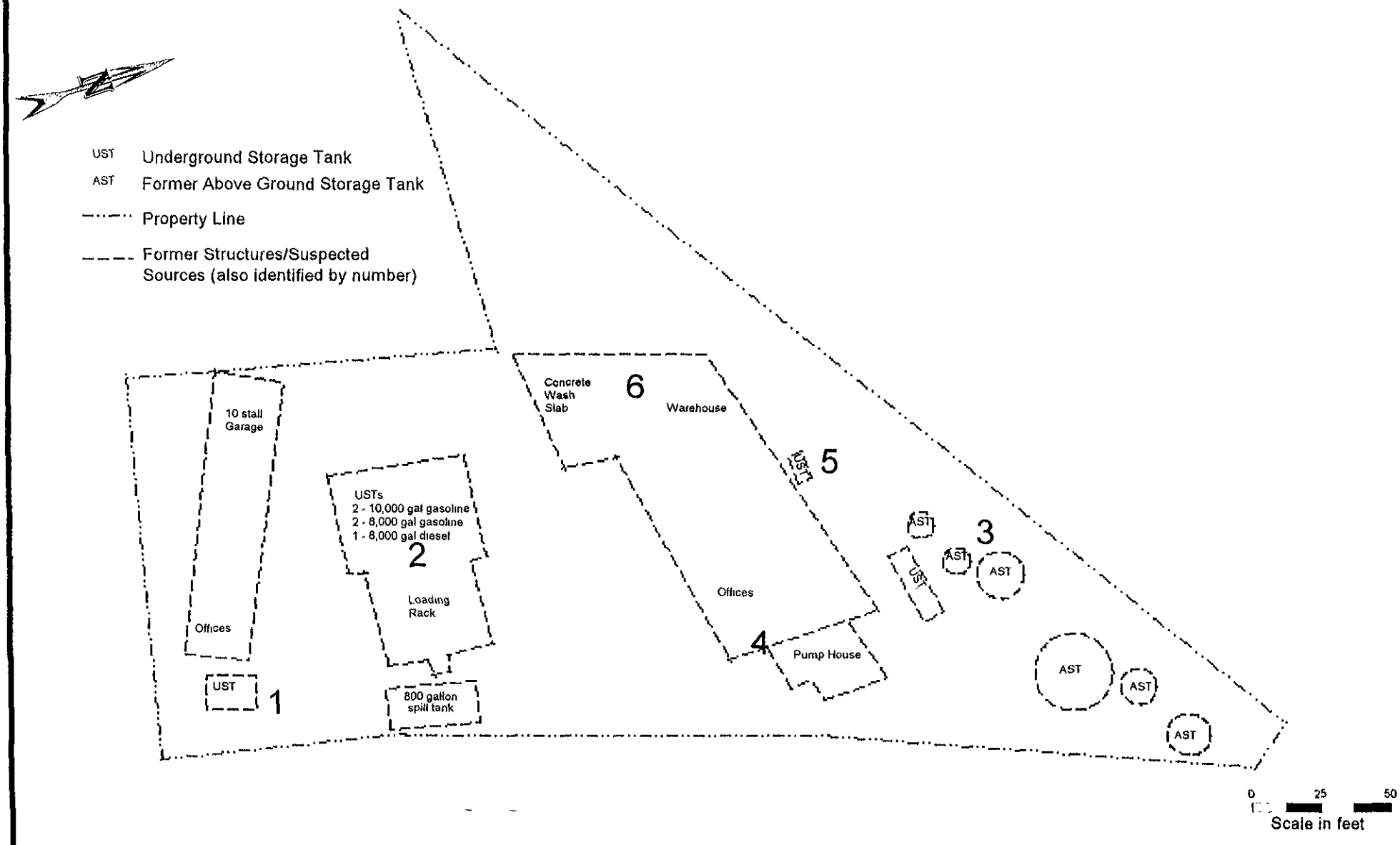
Boring Number	Depth (feet)	Lab	Date	TPH - diesel (ppm)	Oil and Grease (ppm)	8010 (ppb)	8270 (ppb)
SB-2	3.5	Sequoia	6/29/95	ND	ND	ND	ND
SB-2	5	Sequoia	6/29/95	ND	ND	ND	ND
SB-3	3	Sequoia	6/29/95	3.1	ND	ND	ND
SB-3	5	Sequoia	6/29/95	ND	ND	ND	ND
SB-5	2.5	Sequoia	6/29/95	53	NA	NA	NA
SB-5	6	Sequoia	6/29/95	23	NA	NA	NA
SB-6	2.5	Sequoia	6/29/95	94	ND	ND	ND
SB-6	5.5	Sequoia	6/29/95	460	300	NA	NA
SB-6	10	Sequoia	6/29/95	ND	ND	ND	ND
SB-7	2.5	Sequoia	6/29/95	25	ND	NA	NA
SB-7	5	Sequoia	6/29/95	490	140	NA	NA
SB-8	2	Sequoia	6/29/95	110	NA	NA	NA
SB-8	5.5	Sequoia	6/29/95	ND	NA	NA	NA
SB-9	4.0	Sequoia	6/29/95	1.2	NA	NA	NA
SB-9	5.5	Sequoia	6/29/95	580	NA	NA	NA
SB-9	10	Sequoia	6/29/95	ND	NA	NA	NA

TABLE A (continued)
SOIL SAMPLE RESULTS
Former Alameda Bulk Plant

METALS (as applicable)

Boring Number	Depth (feet)	Lab	Date	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Organic Lead (ppm)	Zinc (ppm)
SB-2	3.5	Sequoia	6/29/95	ND	27	5.3	8.0	ND	13
SB-2	5	Sequoia	6/29/95	ND	40	8.7	50	ND	25
SB-3	3	Sequoia	6/29/95	ND	26	15	10	ND	20
SB-3	5	Sequoia	6/29/95	ND	41	9	46	ND	31
SB-7	2.5	Sequoia	6/29/95	ND	38	8.4	55	ND	27
SB-7	5	Sequoia	6/29/95	ND	35	7.8	34	ND	26

TPH-Gasoline = Total petroleum hydrocarbons calculated as gasoline
TPH-diesel = Total petroleum hydrocarbons calculated as diesel
Oil and Grease = Total recoverable petroleum hydrocarbons per EPA method 5520
8010 = EPA Method 8010 for chlorinated solvents
8270 = EPA Method 8270 for semi-volatile solvents
ND=Not detected at or above the laboratory detection limits
NA = Analysis not requested
ppm = parts per million
ppb = parts per billion



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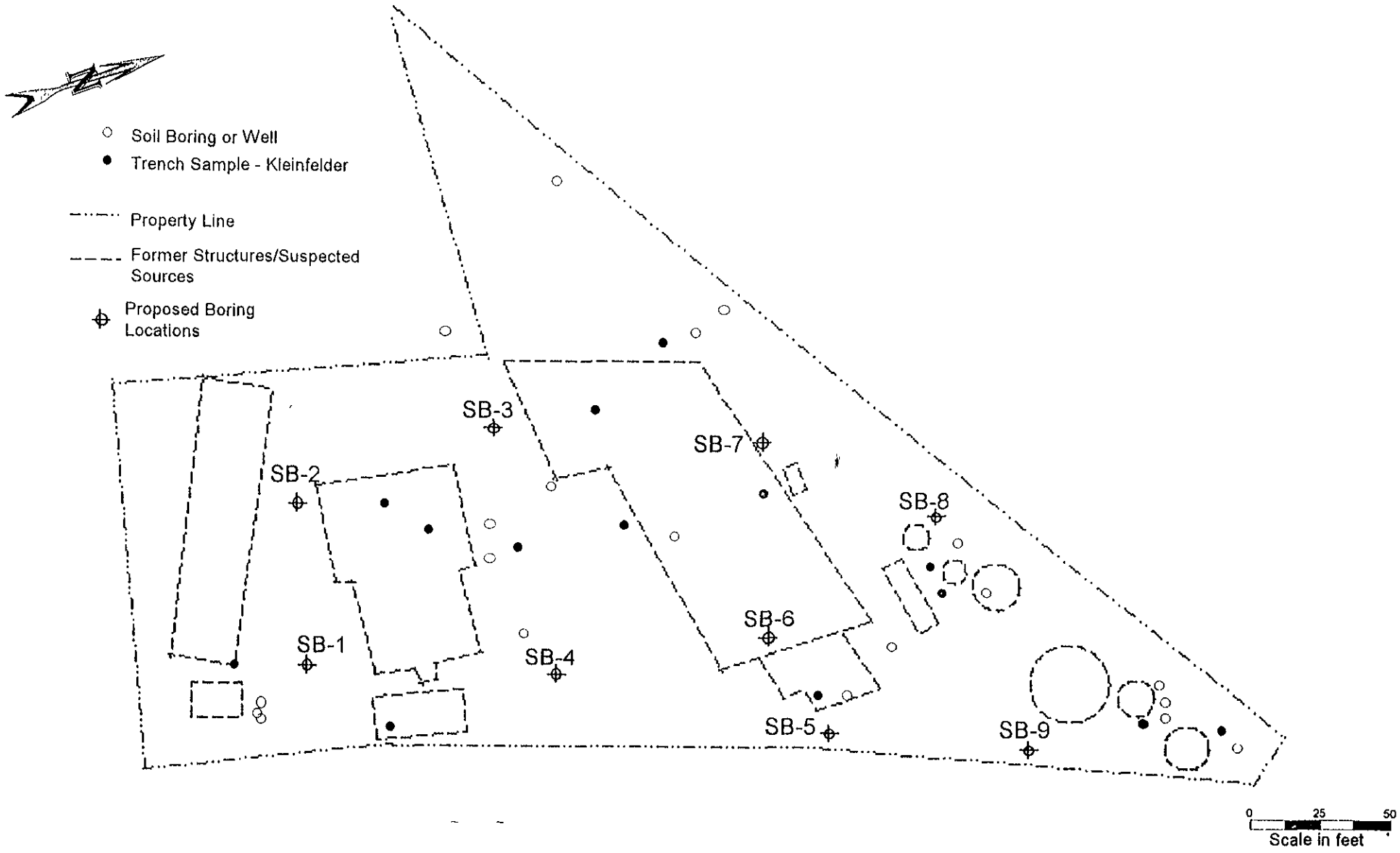
SITE PLAN - POTENTIAL SOURCE AREAS
FORMER ALAMEDA BULK PLANT
2001 VERSAILLES AVENUE
ALAMEDA, CALIFORNIA

FIGURE
1

PROJECT NO.	DRAWN BY:	DATE	BASE MAP:
chev-1	AMD	1/95	KLEINFELDER



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BORING LOCATIONS - JUNE 29, 1995
FORMER ALAMEDA BULK PLANT
2001 VERSAILLES AVENUE
ALAMEDA, CALIFORNIA

FIGURE
2

PROJECT NO.	DRAWN BY:	DATE	BASE MAP:
chev-1	AMD	7/95	KLEINFELDER

APPENDIX A

BORING LOGS

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Field Location of Boring:

see Figure 2

Project No. FCABP	Date: 6/29/95	Boring No. SB-1
Client: CHEVRON USA PRODUCTS CO		
Location: 2001 VERSAILLES AVE.		
City: ALAMEDA, CA.		Sheet 1 of 1
Logged By: rcm	Driller: GREGG	

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	5.2 FT.		
Time	10:10		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
				1			
	10	S&H		2			
	8		SB-1				
0.0	9		3.0	3			
				4			
	5	S&H					
0.0	10		SB-1-5.0	5		▽	
0.0	15		SB-1-5.5				
				6			
				7			
				8			
	6	S&H		9			
	6		SB-1				
0.0	9		10.0	10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SILT (ML) - dark grayish brown, damp, stiff, 60% silt, 30% fill gravel (baserock), 10% fine sand, low plasticity

SAND (SP) - dark yellowish brown, moist, medium dense, 95% fine sand, 5% silt.

CLAYEY SAND (SC) - olive brown, very moist, medium dense, 70% fine sand, 30% clay.

AS ABOVE
increase clay to 40%, yellowish brown mottling at 9.0 feet.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks: BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

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Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No. SB-2
Client: CHEVRON USA PRODUCTS CO		
Location: 2001 VERSAILLES AVE.		
City: ALAMEDA, CA.		Sheet 1 of 1
Logged By: rcm	Driller: GREGG	

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	5.25 FT.		
Time	10:45		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
				1			
	6	S&H		2			
	9		SB-2	3			
0.0	13		3.5				
				4			
	5	S&H					
	6		SB-2-5.0	5		▽	
0.0	8		SB-2-5.5				
				6			
				7			
				8			
	2	S&H	SB-2	9			
0.0	4		9.5				
	7			10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

PAVEMENT SECTION - Asphalt and baserock
SILT (ML)

SILTY SAND (SM) - dark grayish black, very moist medium dense, 85% fine to medium sand, 15% silt.

CLAYEY SAND (SC) - olive brown, very moist, (saturated at 5.25 feet), medium dense, 65% fine to medium sand, 35% clay.

SANDY SILT (ML) - yellowish brown, very moist, stiff, 60% silt, 40% fine sand, low plasticity, greenish gray discoloration in rootholes.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

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Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No.	SB-3
Client: CHEVRON USA PRODUCTS CO			
Location: 2001 VERSAILLES AVE.			
City: ALAMEDA, CA.		Sheet	1
Logged By: rcm	Driller: GREGG	of	1

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	5.5 FT.		
Time	11:25		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
				1			
	7			2			
	12	S&H	SB-3				
0.0	13		3.0	3			
				4			
	4	S&H	SB-3				
	7		5.0	5		▽	
0.0	11			6			
				7			
				8			
	3	S&H	SB-3	9			
0.0	8		9.5				
	9			10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SILT (ML) - dark grayish brown

SAND (SP) - dark brown, damp, medium dense, 95% medium sand, 5% silt.

CLAYEY SAND (SC) - greenish grey, moist, medium dense, 70% fine to medium sand, 30% clay. (increase sand to 85% and saturated at 5.5 feet)

SANDY SILT (ML) - dark yellowish brown, very moist, stiff, 65% silt 35% fine sand, low plasticity, minor greenish gray discoloration.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

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Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No. SB-4
Client: CHEVRON USA PRODUCTS CO		
Location: 2001 VERSAILLES AVE.		
City: ALAMEDA, CA.		Sheet 1 of 1
Logged By: rcm	Driller: GREGG	

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	6.0 FT.
Time	09:45
Date	6/29/95

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)
	3	S&H		1
	6		SB-4	2
0.0	8		2.5	
				3
	4	S&H		4
	5		SB-4	
0.0	9		5.5	5
	3	S&H		
	3		SB-4	6
0.0	8		7.0	7
				8
	5	S&H		9
	6		SB-4	
0.0	10		10.0	10
				11
				12
				13
				14
				15
				16
				17
				18
				19
				20

Sample Interval / Well Detail / Soil Group Symbol (USCS)

SANDY SILT (ML) - dark grayish brown, damp, stiff, 75% silt, 25% fine to coarse sand, low plasticity

SAND WITH SILT (SP-SM) - gray, moist, medium dense, 90% , fine to medium sand, 10% silt, rust mottling.

CLAYEY SAND (SC) - olive brown, very moist, medium dense, 65% fine to medium sand, 35% clay. rootholes, organic matter.
saturated, COLOR CHANGE TO greenish gray at 6.0 feet

SANDY SILT (ML) - olive brown, very moist, stiff, 70% silt, 30% fine sand, low plasticity, yellowish brown mottling.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

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Field Location of Boring:

See Figure 2

Project No. FCABP	Date. 6/29/95	Boring No. SB-5
Client: CHEVRON USA PRODUCTS CO		
Location: 2001 VERSAILLES AVE.		
City: ALAMEDA, CA.		Sheet 1 of 1
Logged By: rcm	Driller: GREGG	

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	6.0 FT.		
Time	08:25		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
	5	S&H		1			
	6		SB-5	2			
0.0	5		2.5	3			
				4			
				5			
	2	S&H	SB-5	6		▽	
60.1	6		6.0	7			
	11			8			
	5	S&H		9			
	7		SB-5	10			
8.8	9		10.0	11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SANDY CLAY (CL) - dark grayish black, damp, stiff, 60% clay, 20% silt, 20% fine to medium sand.

SILTY SAND (SM) - dark grayish black, moist, medium dense, 75% sand, 25% silt, rust mottling.

saturated at 6.0 feet

AS ABOVE - increase silt to 40% and decrease sand to 60% at 8.5 feet; COLOR CHANGE TO yellowish brown and moist at 10.0 feet

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

Touchstone Developments
Environmental Management

Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No.	SB-6
Client: CHEVRON USA PRODUCTS CO			
Location: 2001 VERSAILLES AVE.			
City: ALAMEDA, CA.		Sheet	1
Logged By: rcm	Driller: GREGG	of	1

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	10.75 FT.		
Time	09:15		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)	
				1				
	15	S&H						SILT (ML) - dark grayish brown, damp, very stiff, 80% silt, 20% fine sand, low plasticity
	16		SB-6	2				
8.2	16		2.5					SILTY SAND (SM) - dark grayish brown, damp, dense, 70% medium sand, 30% silt, brick fragments
				3				
				4				
	5	S&H						CLAYEY SAND (SC) - greenish gray, moist, medium dense, 60% fine to medium sand, 40% clay. odors observed
	7		SB-6	5				
76.8	12		5.5					
146.5	6			6				AS ABOVE
	9		SB-6					
42.9	9		7.0	7				
				8				
	6	S&H						
	9		SB-6	9				
0.0	13		10.0					COLOR CHANGE TO olive brown, rootholes very moist, at 8.5 feet, saturated at 10.6 feet, organic matter.
	6			10		▽		
	10		SB-6					AS ABOVE
	10		11.5	11				
				12				BOTTOM OF BORING AT 11.5 FEET 6/29/95
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks: BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

Touchstone Developments
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Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No. SB-7
Client: CHEVRON USA PRODUCTS CO		
Location: 2001 VERSAILLES AVE.		
City: ALAMEDA, CA.		Sheet 1 of 1
Logged By: rcm	Driller: GREGG	

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	6.5 FT.		
Time	12:30		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
	6	S&H		1			
	8		SB-7	2			
	12		2.5				
				3			
				4			
	4	S&H					
117.0	5		SB-7	5			
	8		5.5				
				6			
				7			
				8			
	6	S&H		9			
	9		SB-7				
0.0	13		10.0	10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SILT (ML) - dark grayish brown, damp, very stiff, 80% silt, 20% fine sand, low plasticity

greenish gray at 2.5 feet
SILTY SAND (SM) - gray, damp, medium dense, 65% sand, 35% silt.

CLAYEY SAND (SC) - greenish gray, very moist, medium dense, 70% medium sand, 30% clay.

saturated at 6.5 feet as measured on the drilling rods.

SANDY SILT (ML) - greenish gray, saturated, very stiff, 65% silt, 35% medium sand, low plasticity, rootholes.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

Touchstone Developments
Environmental Management

Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No.	SB-8
Client: CHEVRON USA PRODUCTS CO			
Location: 2001 VERSAILLES AVE.			
City: ALAMEDA, CA.		Sheet	1
Logged By: rcm	Driller: GREGG	of	1

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	5.6 FT.		
Time	13:25		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
	3	S&H	SB-8	1			
	9		2.0	2			
0.0	13			3			
				4			
	11	S&H					
	11		SB-8	5			
0.0	14		5.5	6			
				7			
				8			
	10	S&H		9			
	10		SB-8				
0.0	11		10.0	10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SILT (ML)

SILTY SAND (SM) - reddish brown, damp, medium dense, 70% sand, 30% silt.

CLAYEY SAND (SC) - olive brown, moist, medium dense, 65% fine to medium sand, 35% clay, minor organic matter.

saturated in shoe sample at 5.6 feet .

increase fines (clay and silt) to 45% at 10.0 feet.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

Touchstone Developments
Environmental Management

Field Location of Boring:

See Figure 2

Project No. FCABP	Date: 6/29/95	Boring No.	SB-9
Client: CHEVRON USA PRODUCTS CO			
Location: 2001 VERSAILLES AVE.			
City: ALAMEDA, CA.		Sheet	1
Logged By: rcm	Driller: GREGG	of	1

Casing Installation data:

Drilling Method: Hollow Stem Auger

Hole Diameter: 6-inch

Top of Box Elevation: Datum:

Water Level	5.5 FT.		
Time	14:10		
Date	6/29/95		

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
				1			
				2			
	4	S&H	SB-9	3			
	8		4.0				
	11			4			
	6	S&H					
	9		SB-9	5			
12.3	11		5.5			▽	
				6			
				7			
				8			
	11	S&H		9			
	12		SB-9				
0.0	14		10.0	10			
				11			
				12			
				13			
				14			
				15			
				16			
				17			
				18			
				19			
				20			

SILT (ML) - baserock

SILTY CLAY (ML/CL) - black, damp, stiff, medium plasticity, 60% clay, 40% silt.

SILTY SAND (SM) - greenish gray, moist, medium dense, 70% fine to medium sand, 30% silt minor organic matter.

CLAYEY SAND (SC) - greenish gray, very moist, medium dense, 65% fine to medium sand, 35% clay. saturated at tip of sampler (shoe) at 5.5 feet .

AS ABOVE - increase clay to 45% and moist at 8.5 feet.

BOTTOM OF BORING AT 10.0 FEET
6/29/95

Remarks:

BORING BACKFILLED WITH NEAT CEMENT FROM TOTAL DEPTH TO EXISTING GRADE.

APPENDIX B

LABORATORY RESULTS

Sequoia Analytical

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

Touchstone Developments
6280 Stoneridge Mall Rd. B211
Pleasanton, CA 94588

Attention: Ann Marie Dockstader

Client Proj. ID: FCABP, Chevron Alameda

Lab Proj. ID: 9506L32

Sampled: 06/29/95
Received: 06/29/95
Analyzed: see below

Reported: 07/10/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9506L32-03				
Sample Desc : **SOLID,SB-2-3.5**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**27**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**5.3**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**8.0**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**13**
Lab No: 9506L32-04				
Sample Desc : **SOLID,SB-2-5.0**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**40**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**8.7**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**50**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**25**
Lab No: 9506L32-05				
Sample Desc : **SOLID,SB-3-3.0**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**26**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**15**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**10**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**20**

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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

Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211		Received: 06/29/95
Pleasanton, CA 94588	Lab Proj. ID: 9506L32	Analyzed: see below
Attention: Ann Marie Dockstader		Reported: 07/10/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9506L32-06				
Sample Desc : **SOLID,SB-3-5.0**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**41**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**9.0**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**46**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**31**
Lab No: 9506L32-11				
Sample Desc : **SOLID,SB-6-2.5**				
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Lab No: 9506L32-12				
Sample Desc : **SOLID,SB-6-10.0**				
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Lab No: 9506L32-13				
Sample Desc : **SOLID,SB-7-2.5**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**38**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**8.4**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**55**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	07/05/95	50	N.D.
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**27**

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211		Received: 06/29/95
Pleasanton, CA 94588	Lab Proj. ID: 9506L32	Analyzed: see below
Attention: Ann Marie Dockstader		Reported: 07/10/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9506L32-14				
Sample Desc : **SOLID,SB-7-5.0**				
Cadmium	mg/Kg	07/06/95	0.50	N.D.
Chromium	**mg/Kg**	**07/06/95**	**0.50**	**35**
Lead	**mg/Kg**	**07/06/95**	**5.0**	**7.8**
Nickel	**mg/Kg**	**07/06/95**	**2.5**	**34**
Organic Lead	mg/Kg	07/05/95	5.0	N.D.
TRPH (SM 5520 E&F)	**mg/Kg**	**07/05/95**	**50**	**140**
Zinc	**mg/Kg**	**07/06/95**	**0.50**	**26**

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

SEQUOIA ANALYTICAL - ELAP #1210

VMT Clark

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-1-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-01	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-1-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-02	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-3.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-03	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	72

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

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-3.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-03	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-3.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-03	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	74
Phenol-d5	24	113	78
Nitrobenzene-d5	23	120	70
2-Fluorobiphenyl	30	115	72
2,4,6-Tribromophenol	19	122	68
p-Terphenyl-d14	18	137	72

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-3.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-03	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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	96

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

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-3.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-03	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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

Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-04	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	93

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

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-04	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-04	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	62
Phenol-d5	24	113	66
Nitrobenzene-d5	23	120	60
2-Fluorobiphenyl	30	115	63
2,4,6-Tribromophenol	19	122	61
p-Terphenyl-d14	18	137	65

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-04	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
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	109

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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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-2-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-04	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-05	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	87

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

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-05	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-05	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	66
Phenol-d5	24	113	68
Nitrobenzene-d5	23	120	63
2-Fluorobiphenyl	30	115	65
2,4,6-Tribromophenol	19	122	62
p-Terphenyl-d14	18	137	62

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-05	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
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	106

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-3.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-05	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	3.1
Chromatogram Pattern:		Unidentified HC

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	116

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-06	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	97

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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

Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-06	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-06	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	62
Phenol-d5	24	113	66
Nitrobenzene-d5	23	120	60
2-Fluorobiphenyl	30	115	61
2,4,6-Tribromophenol	19	122	56
p-Terphenyl-d14	18	137	62

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-06	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
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	99

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-3-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-06	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-4-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/04/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-07	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-4-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-08	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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	93

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-5-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-09	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-5-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-09	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	20	53
Chromatogram Pattern:		Unidentified HC

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-5-6.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-10	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**76**
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Xylenes (Total)	**0.050**	**0.97**
Chromatogram Pattern:		
Unidentified HC		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

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

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-5-6.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-10	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**23**
Chromatogram Pattern:	**See Note**	**W Diesel, Un HC**

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-11	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	97

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-11	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-11	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	65
Phenol-d5	24	113	66
Nitrobenzene-d5	23	120	60
2-Fluorobiphenyl	30	115	61
2,4,6-Tribromophenol	19	122	61
p-Terphenyl-d14	18	137	62

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-11	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**5.0**	**27**
Benzene	0.025	N.D.
Toluene	0.025	N.D.
Ethyl Benzene	**0.025**	**0.13**
Xylenes (Total)	**0.025**	**0.18**
Chromatogram Pattern:		
Unidentified HC		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

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

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-11	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	5.0	94
Chromatogram Pattern:		Unidentified HC

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	114

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/06/95
	Analysis Method: EPA 8010	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-12	Reported: 07/10/95

QC Batch Number: GC0706958010EXA
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	60	130	95

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

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-12	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/05/95
	Analysis Method: EPA 8270	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-12	Reported: 07/10/95

QC Batch Number: MS0705958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	59
Phenol-d5	24	113	64
Nitrobenzene-d5	23	120	58
2-Fluorobiphenyl	30	115	59
2,4,6-Tribromophenol	19	122	48
p-Terphenyl-d14	18	137	62

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

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-12	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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	96

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

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-12	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	110

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-7-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-13	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**98**
Benzene	0.050	N.D.
Toluene	**0.050**	**0.61**
Ethyl Benzene	**0.050**	**0.52**
Xylenes (Total)	**0.050**	**0.73**
Chromatogram Pattern:		
Unidentified HC		**>C6**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	182 Q

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

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-7-2.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-13	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	25
Chromatogram Pattern:		Unidentified HC

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	110

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-7-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/05/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-14	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**100**	**470**
Benzene	0.50	N.D.
Toluene	**0.50**	**5.2**
Ethyl Benzene	**0.50**	**3.7**
Xylenes (Total)	**0.50**	**7.8**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	213 Q

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

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-7-5.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-14	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**20**	**490**
Chromatogram Pattern:		**Diesel**

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-8-2.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-15	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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**	**0.010**
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	**0.0050**	**0.021**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

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

SEQUOIA ANALYTICAL - ELAP #1210

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-8-2.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-15	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**5.0**	**110**
Chromatogram Pattern:		**Unidentified HC**

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-8-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-16	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

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

Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-8-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-16	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	100

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

VMTClark

Vickie Tague Clark
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-4.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/03/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-17	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-4.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-17	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
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:		Unidentified HC

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/04/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-18	Reported: 07/10/95

QC Batch Number: GC070395BTEXEXA
Instrument ID: GCHP18

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.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-10.0	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/03/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/06/95
Attention: Ann Marie Dockstader	Lab Number: 9506L32-18	Reported: 07/10/95

QC Batch Number: GC0703950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Proj. ID: FCABP, Chevron Alameda	Received: 06/29/95
6280 Stoneridge Mall Rd. B211		
Pleasanton, CA 94588	Lab Proj. ID: 9506L32	Reported: 07/10/95
Attention: Ann Marie Dockstader		

LABORATORY NARRATIVE

Q:
TEPH as Diesel: The surrogate was diluted out of samples SB-5-2.5, SB-7-5.0 andSB-8-2.0.
TPPH as Gas: Surrogate recovery was high due to coelution for samples SB-7-2.5 and SAB-7-5.0.

The chromatogram for sample SB-5-6.0 contained a weathered diesel pattern from C14 - C24, and an unidentified hydrocarbon pattern from C9 - C13.

Detection limits were raised on the following analyses:

Sample	Analysis	Factor
SB-5-2.5	TEPH as Diesel	20
SB-5-6.0	TPPH as Gasoline	10
SB-6-2.5	TEPH as Diesel	5
SB-6-2.5	TPPH as Gasoline	5
SB-7-2.5	TEPH as Diesel	10
SB-7-5.0	TEPH as Diesel	20
SB-7-5.0	TPPH as Diesel	100
SB-8-2.0	TEPH as Diesel	5

SEQUOIA ANALYTICAL

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9506L32

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Organic Lead
QC Batch#:	ME0704956010MDA	ME0704956010MDA	ME0704956010MDA	ME0704956010MDA	ME070595LUFTMDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	LUFT
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050	LUFT
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	R. Sharma
MS/MSD #:	9506L3203	9506L3203	9506L3203	9506L3203	9506L3203
Sample Conc.:	N.D.	N.D.	27	8.0	N.D.
Prepared Date:	7/4/95	7/4/95	7/4/95	7/4/95	7/5/95
Analyzed Date:	7/6/95	7/6/95	7/6/95	7/6/95	7/5/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MV2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg	4.0 mg/Kg
Result:	99	98	120	110	3.9
MS % Recovery:	99	98	93	102	98
Dup. Result:	98	97	120	110	3.9
MSD % Recov.:	98	97	93	102	98
RPD:	1.0	1.0	0.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30	0-30
LCS #:	BLK070495	BLK070495	BLK070495	BLK070495	BLK070595
Prepared Date:	7/4/95	7/4/95	7/4/95	7/4/95	7/5/95
Analyzed Date:	7/6/95	7/6/95	7/6/95	7/6/95	7/5/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MV2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg	1.0 mg/Kg
LCS Result:	100	99	100	100	0.89
LCS % Recov.:	100	99	100	100	89
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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

Sequoia Analytical

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9506L32

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Total Recoverable Petroleum Hydrocarb.	Diesel
QC Batch#:	OP0630955520EXB	GC0703950HBPEXB
Analy. Method:	SM 5520 EF - MOD	EPA 8015 M
Prep. Method:	N/A	EPA 3550
Analyst:	C. Garde	T. Olive
MS/MSD #:	9506H8714	9506L3203
Sample Conc.:	N.D.	N.D.
Prepared Date:	6/30/95	7/3/95
Analyzed Date:	7/3/95	7/5/95
Instrument I.D.#:	Manual	GCHP4
Conc. Spiked:	500 mg/Kg	25 mg/Kg
Result:	390	19
MS % Recovery:	78	76
Dup. Result:	460	20
MSD % Recov.:	92	80
RPD:	16	5.1
RPD Limit:	0-50	0-50

LCS #:	BLK063095	BLK070395
Prepared Date:	6/30/95	7/3/95
Analyzed Date:	7/3/95	7/5/95
Instrument I.D.#:	Manual	GCHP4
Conc. Spiked:	500 mg/Kg	25 mg/Kg
LCS Result:	400	20
LCS % Recov.:	80	80

MS/MSD	60-140	
LCS	70-110	38-122
Control Limits		

SEQUOIA ANALYTICAL

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9506L32

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC070395BTEXEXA	GC070395BTEXEXA	GC070395BTEXEXA	GC070395BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	S. Mann	S. Mann	S. Mann	S. Mann
MS/MSD #:	9506H8711	9506H8711	9506H8711	9506H8711
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/3/95	7/3/95	7/3/95	7/3/95
Analyzed Date:	7/3/95	7/3/95	7/3/95	7/3/95
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:	0.18	0.18	0.18	0.56
MS % Recovery:	90	90	90	93
Dup. Result:	0.17	0.17	0.18	0.53
MSD % Recov.:	85	85	90	88
RPD:	5.7	5.7	0.0	5.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9506L32

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC0706958010EXA	GC0706958010EXA	GC0706958010EXA
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Nelson	D. Nelson	D. Nelson
MS/MSD #:	9506L3203	9506L3203	9506L3203
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	7/6/95	7/6/95	7/6/95
Analyzed Date:	7/6/95	7/6/95	7/6/95
Instrument I.D.#:	GCHP9	GCHP9	GCHP9
Conc. Spiked:	25 µg/Kg	25 µg/Kg	25 µg/Kg
Result:	19	33	23
MS % Recovery:	76	132	92
Dup. Result:	21	27	20
MSD % Recov.:	84	108	80
RPD:	10	20	14
RPD Limit:	0-50	0-50	0-50
LCS #:	BLK070695	BLK070695	BLK070695
Prepared Date:	7/6/95	7/6/95	7/6/95
Analyzed Date:	7/6/95	7/6/95	7/6/95
Instrument I.D.#:	GCHP9	GCHP9	GCHP9
Conc. Spiked:	25 µg/Kg	25 µg/Kg	25 µg/Kg
LCS Result:	22	30	23
LCS % Recov.:	88	120	92
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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Touchstone Developments	Client Project ID:	FCABP, Chevron Alameda	
6280 Stoneridge Mall Rd., B211	Matrix:	Solid	
Pleasanton, CA 94588			
Attention: Anne Marie Dockstader	Work Order #:	9506L32	Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS0705958270EXA	MS0705958270EXA	MS0705958270EXA	MS0705958270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9506L3212	9506L3212	9506L3212	9506L3212
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/5/95	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/6/95	7/6/95	7/6/95	7/6/95
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	2000	2100	1800	2000
MS % Recovery:	61	64	55	61
Dup. Result:	2000	2100	1800	2100
MSD % Recov.:	61	64	55	64
RPD:	0.0	0.0	0.0	4.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK070595	BLK070595	BLK070595	BLK070595
Prepared Date:	7/5/95	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/10/95	7/10/95	7/10/95	7/10/95
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	2500	2400	2200	2500
LCS % Recov.:	76	73	67	76
MS/MSD LCS Control Limits	5-112	23-134	20-124	DL-230

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

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Project ID:	FCABP, Chevron Alameda	
6280 Stoneridge Mall Rd., B211	Matrix:	Solid	
Pleasanton, CA 94588			
Attention: Anne Marie Dockstader	Work Order #:	9506L32	Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS0705958270EXA	MS0705958270EXA	MS0705958270EXA	MS0705958270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9506L3212	9506L3212	9506L3212	9506L3212
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/5/95	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/6/95	7/6/95	7/6/95	7/6/95
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	2000	2100	1900	1800
MS % Recovery:	61	64	58	55
Dup. Result:	1900	2100	1900	1800
MSD % Recov.:	58	64	58	55
RPD:	5.1	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK070595	BLK070595	BLK070595	BLK070595
Prepared Date:	7/5/95	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/10/95	7/10/95	7/10/95	7/10/95
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	2500	2200	2100	1800
LCS % Recov.:	76	67	64	55
MS/MSD LCS Control Limits	44-142	22-147	47-145	DL-132

SEQUOIA ANALYTICAL

Vickie Tague Clark
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

Touchstone Developments	Client Project ID:	FCABP, Chevron Alameda	
6280 Stoneridge Mall Rd., B211	Matrix:	Solid	
Pleasanton, CA 94588			
Attention: Anne Marie Dockstader	Work Order #:	9506L32	Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS0705958270EXA	MS0705958270EXA	MS0705958270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9506L3212	9506L3212	9506L3212
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/6/95	7/6/95	7/6/95
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	1900	1800	1600
MS % Recovery:	58	55	48
Dup. Result:	1900	1800	1600
MSD % Recov.:	58	55	48
RPD:	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50
LCS #:	BLK070595	BLK070595	BLK070595
Prepared Date:	7/5/95	7/5/95	7/5/95
Analyzed Date:	7/10/95	7/10/95	7/10/95
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	2200	2700	1700
LCS % Recov.:	67	82	52
MS/MSD LCS Control Limits	39-139	14-176	52-115

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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

Fax Copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (~~415~~)842-9591
510

Chevron Facility Number FCABP
Facility Address 2001 VERSAILLES AVE. ALAMEDA CA.
Consultant Project Number FCABP
Consultant Name TOUCHSTONE DEV.
Address 6280 STONERIDGE MALL RD #B14 PLEASANTON
Project Contact (Name) ANN MARIE DOLIGSTADER
(Phone) 510 227-1504 (Fax Number) 510 227-1504

Chevron Contact (Name) MATT MILLER
(Phone) 510-842
Laboratory Name SEQUOIA
Laboratory Release Number 3441230
Samples Collected by (Name) ROBERT MALLORY
Collection Date 6/29/95
Signature Robert C. Mallory

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520) C+F	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	ORGANIC LEAD					Remarks 9506032
SB-1-3.0	01	1	S	D	10:10			X													
SB-1-5.0	02	1	S	D	10:15			X													
SB-1-10.0		1	S	D	10:20																HOLD
SB-2-3.5	03	1	S	D	10:45			X	X	X	X			X	X	X					
SB-2-5.0	04	1	S	D	10:55			X	X	X	X			X	X	X					
SB-2-9.5		1	S	D	11:03																HOLD
SB-3-3.0	05	1	S	D	11:20			X	X	X	X			X	X	X					
SB-3-5.0	06	1	S	D	11:25			X	X	X	X			X	X	X					
SB-3-9.5		1	S	D	11:35																HOLD
SB-4-2.5	07	1	S	D	9:38			X													
SB-4-5.5	08	1	S	D	9:43			X													
SB-4-10.0		1	S	D	9:59																HOLD
SB-5-2.5	09	1	S	D	8:20			X	X												
SB-5-6.0	10	1	S	D	8:25			X	X												

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	TOUCHSTONE	6/29/95 18:08			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Recieved For Laboratory By (Signature)		Date/Time
			[signature]		6/29/95 1808

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

COC-3.DWG/03 91/HCH

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (~~415~~)842-9591
510

Chevron Facility Number FCABP
Facility Address 2001 VERSAILLES AVE, ALAMEDA CA
Consultant Project Number FCABP
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 6280 STONERIDGE MALL RD PLEASANTON CA
Project Contact (Name) ANN MARIE DOCKSTADER
(Phone) 510 275 1504 (Fax Number) 510 277 1504

Chevron Contact (Name) MARK MILLER
(Phone) 510-842-
Laboratory Name SEQUOIA
Laboratory Release Number 3441430
Samples Collected by (Name) ROBERT MALLOW
Collection Date 6/29/95
Signature [signature]

Analyses To Be Performed — 9506L32

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520) E+F	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	ORGANIC LEAD				Remarks
SB-5-10.0		1	S	D	8:32															HOLD
SB-6-2.5	11	1	S	D	9:00			X	X	X	X			X						
SB-6-5.5		1	S	D	9:09															HOLD
SB-6-7.0		1	S	D	9:12															HOLD
SB-6-10.0	12	1	S	D	9:15			X	X	X	X			X						
SB-6-11.5		1	S	D	9:17															HOLD
SB-7-2.5	13	1	S	D	12:40			X	X	X					X	X				
SB-7-~~2.5~~ 5.0	14	1	S	D	12:50			X	X	X					X	X				
SB-7-10.0		1	S	D	12:55															HOLD
SB-8-2.0	15	1	S	D	13:15			X	X											
SB-8-5.5	16	1	S	D	13:25			X	X											
SB-8-10.0		1	S	D	13:35															HOLD
SB-9-4.0	17	1	S	D	13:55			X	X											
SB-9-5.5		1	S	D	14:08															HOLD

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	Touchstone	6/29/95 18:08			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			[signature]		6/29/95 1808

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

COC-3.DWG/03 91/HECH

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: FCABP
Facility Address: 2001 VERSAILLES AVE ALAMEDA, CA
Consultant Project Number: FCABP
Consultant Name: TOMKINSON DEVELOPMENTS
Address: 6320 STONERIDGE MALL RD 3RD PLEASANTON CA
Project Contact (Name): ANN MARIE DOCKSTADER
(Phone): (510) 727 1504 (Fax Number): (510) 227 1504

Chevron Contact (Name): MARK MILLER
(Phone): 510-842
Laboratory Name: SEQUOIA
Laboratory Release Number: 341230
Samples Collected by (Name): ROBERT MACLEOD
Collection Date: 6/24/95
Signature: [signature]

95061.32

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)	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)					Remarks
SB-9-10.0	18	1	S	D	14:12			X	X											
SB-1-5.5		1	S	D	10:15															HOLD
SB-2-5.5		1	S	D	10:55															HOLD
SB-4-7.0		1	S	D	9:53															HOLD
SB-3-5.5		1	S	D	11:25															HOLD

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	TOMKINSON	6/27/95 Rev 18:08			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			[signature]		6/24/95 1808

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

COC-3.DWG/03 91/HCH

Sequoia Analytical

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Touchstone Developments
6280 Stoneridge Mall Rd. B211
Pleasanton, CA 94588

Attention: Ann Marie Dockstader

Client Proj. ID: FCABD, Chevron Alameda

Lab Proj. ID: 9507508

Sampled: 06/29/95
Received: 06/29/95
Analyzed: see below

Reported: 07/13/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9507508-01				
Sample Desc : **SOLID,SB-6-5.5**				
TRPH (SM 5520 E&F)	**mg/Kg**	**07/13/95**	**50**	**300**

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABD, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/13/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/13/95
Attention: Ann Marie Dockstader	Lab Number: 9507508-01	Reported: 07/13/95

QC Batch Number: GC071395BTEXEXA
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	50	380
Benzene	0.25	1.1
Toluene	0.25	1.2
Ethyl Benzene	0.25	2.4
Xylenes (Total)	0.25	1.6
Chromatogram Pattern:		
Gas & Unidentified HC		+C6-C12

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	131 Q

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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Touchstone Developments	Client Proj. ID: FCABD, Chevron Alameda	Sampled: 06/29/95
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-6-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/13/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/13/95
Attention: Ann Marie Dockstader	Lab Number: 9507508-01	Reported: 07/13/95

QC Batch Number: GC0711950HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	20	460
Chromatogram Pattern:		Unidentified HC

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	131

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: FCABD, Chevron Alameda	Sampled:
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/13/95
	Analysis Method: 8015Mod/8020	Analyzed: 07/13/95
Attention: Ann Marie Dockstader	Lab Number: 9507508-02	Reported: 07/13/95

QC Batch Number: GC071395BTEXEXA
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	95

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

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

Touchstone Developments	Client Proj. ID: FCABD, Chevron Alameda	Sampled:
6280 Stoneridge Mall Rd. B211	Sample Descript: SB-9-5.5	Received: 06/29/95
Pleasanton, CA 94588	Matrix: SOLID	Extracted: 07/13/95
	Analysis Method: EPA 8015 Mod	Analyzed: 07/13/95
Attention: Ann Marie Dockstader	Lab Number: 9507508-02	Reported: 07/13/95

QC Batch Number: GC0711950HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	50	580
Chromatogram Pattern:		Diesel

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

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Touchstone Developments
6280 Stoneridge Mall Rd. B211
Pleasanton, CA 94588
Attention: Ann Marie Dockstader

Client Proj. ID: FCABD, Chevron Alameda
Lab Proj. ID: 9507508

Received: 06/29/95
Reported: 07/13/95

LABORATORY NARRATIVE

The detection limits were raised on the following analyses:

Sample	Analysis	Factor	Q
SB-6-5.5	TPPH as Gas	50	Surrogate recovery high due to coelution.
SB-6-5.5	TEPH as Diesel	20	
SB-9-5.5	TEPH as Diesel	50	Surrogate diluted out.

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

Sequoia Analytical

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9507508 -01

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Total Recoverable Petroleum Hydrocarb.
QC Batch#:	OP0710955520EXA
Analy. Method:	SM 5520 EF-MOD
Prep. Method:	N/A

Analyst:	C. Garde
MS/MSD #:	9506K2901
Sample Conc.:	N.D.
Prepared Date:	7/10/95
Analyzed Date:	7/11/95
Instrument I.D.#:	Manual
Conc. Spiked:	500 mg/Kg
Result:	440
MS % Recovery:	88
Dup. Result:	450
MSD % Recov.:	90
RPD:	2.2
RPD Limit:	0-50

LCS #:	BLK071095
Prepared Date:	7/10/95
Analyzed Date:	7/11/95
Instrument I.D.#:	Manual
Conc. Spiked:	500 mg/Kg
LCS Result:	420
LCS % Recov.:	84

MS/MSD	60-140
LCS	70-110
Control Limits	

SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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Touchstone Developments
6280 Stoneridge Mall Rd., B211
Pleasanton, CA 94588
Attention: Anne Marie Dockstader

Client Project ID: FCABP, Chevron Alameda
Matrix: Solid
Work Order #: 9507508-01-2

Reported: Jul 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel
QC Batch#:	GC071395BTEXEXA	GC071395BTEXEXA	GC071395BTEXEXA	GC071395BTEXEXA	GC0711950HBPEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 3550
Analyst:	R. Burton	R. Burton	R. Burton	R. Burton	T. Olive
MS/MSD #:	950534701	950534701	950534701	950534701	950716007
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	37
Prepared Date:	7/13/95	7/13/95	7/13/95	7/13/95	7/11/95
Analyzed Date:	7/13/95	7/13/95	7/13/95	7/13/95	7/12/95
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22	GCHP4
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg	25 mg/Kg
Result:	0.18	0.19	0.16	0.51	60
MS % Recovery:	90	95	80	85	92
Dup. Result:	0.18	0.18	0.16	0.48	55
MSD % Recov.:	90	90	80	80	72
RPD:	0.0	5.4	0.0	6.1	8.7
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-	BLK071195
Prepared Date:	-	-	-	-	7/11/95
Analyzed Date:	-	-	-	-	7/11/95
Instrument I.D.#:	-	-	-	-	GCHP5
Conc. Spiked:	-	-	-	-	25 mg/Kg
LCS Result:	-	-	-	-	21
LCS % Recov.:	-	-	-	-	84
MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140	38-122

Please Note:
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SEQUOIA ANALYTICAL

Vickie Tague Clark
Project Manager

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

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
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FAX (415)842-9591
510

Chevron Facility Number
Facility Address 2001 VERRAILLES AVE, ALAMEDA CA.
Consultant Project Number FCADP
Consultant Name TOUCHSTONE DEV.
Address 6280 STONERIDGE MALL RD #214 PLEASANTON
Project Contact (Name) ANN MARIE DOLCISTADER
(Phone) (510) 227-1504 (Fax Number) (510) 227-1504

Chevron Contact (Name) MARK MILLER
(Phone) 510-842
Laboratory Name SEQUOIA
Laboratory Release Number 344230
Samples Collected by (Name) ROBERT MALLORY
Collection Date 6/29/95
Signature Robert C. Mallory

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)	TPH Diesel (8015)	Oil and Grease (5520) E&F	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	ORGANIC LEAD				Remarks
SB-1-3.0		1	S	D	10:10			X												
SB-1-5.0		1	S	D	10:15			X												
SB-1-10.0		1	S	D	10:20															HOLD
SB-2-3.5		1	S	D	10:45			X	X	X	X			X	X	X				
SB-2-5.0		1	S	D	10:55			X	X	X	X			X	X	X				
SB-2-9.5		1	S	D	11:03															HOLD
SB-3-3.0		1	S	D	11:20			X	X	X	X			X	X	X				
SB-3-5.0		1	S	D	11:25			X	X	X	X			X	X	X				
SB-3-9.5		1	S	D	11:35															HOLD
SB-4-2.5		1	S	D	9:38			X												
SB-4-5.5		1	S	D	9:43			X												
SB-4-10.0		1	S	D	9:57															HOLD
SB-5-2.5		1	S	D	9:20			X	X											
SB-5-6.0		1	S	D	8:25			X	X											

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	TOUCHSTONE	6/29/95 1808			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time 6/29/95 1808

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

COC-3.DWG/03 91/HCH

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (~~415~~)842-9591
510

Chevron Facility Number
Facility Address 2001 VERSAILLES AVE, ALAMEDA CA.
Consultant Project Number FC-ABD
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 6280 STONERIDGE MALL RD. PLEASANTON, CA
Project Contact (Name) ANN MARIE DOCKSTADER
(Phone) 510 227 1504 (Fax Number) 510 227 1504

Chevron Contact (Name) MARK MILLER
(Phone) 510-842-
Laboratory Name SEQUOIA
Laboratory Release Number 344230
Samples Collected by (Name) ROBERT MALLORY
Collection Date 6/29/95
Signature Robert C. Mallory

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)	TPH Diesel (8015)	Oil and Grease (5520) E&F	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	OXYGENATES LEAD				Remarks
																	507508			
SB-5-10.0		1	S	D	8:32															HOLD
SB-6-2.5		1	S	D	9:00			X	X	X	X			X						
SB-6-5.5	01	1	S	D	9:09															HOLD
SB-6-7.0		1	S	D	9:12															HOLD
SB-6-10.0		1	S	D	9:15			X	X	X	X			X						
SB-6-11.5		1	S	D	9:17															HOLD
SB-7-2.5		1	S	D	12:40			X	X	X					X	X				
SB-7-~~5.0~~ 5.5	FAX	1	S	D	12:50			X	X	X					X	X				
SB-7-10.0		1	S	D	12:55															HOLD
SB-8-2.0		1	S	D	13:15			X	X											
SB-8-5.5		1	S	D	13:25			X	X											
SB-8-10.0		1	S	D	13:35															HOLD
SB-9-4.0		1	S	D	13:55			X	X											
SB-9-5.5	02	1	S	D	14:03															HOLD

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	Touchstone	6/29/95 18:08			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					6/29/95 1808

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

COC-3.DWG/03 91/HCH

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

Chain-of-Custody-Record

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San Ramon, CA 94583
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Chevron Facility Number
Facility Address 2001 VERSAILLES AVE. ALAMEDA, CA.
Consultant Project Number FCABP
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 6620 STONERIDGE MALL RD. # 211 PLEASANTON CA
Project Contact (Name) ANN MARIE DOCKSTADER
(Phone) (510) 227 1504 (Fax Number) (510) 227 1504

Chevron Contact (Name) MARK MILLER
(Phone) 510-842
Laboratory Name SEQUOIA
Laboratory Release Number 344230
Samples Collected by (Name) ROBERT MALLORY
Collection Date 6/29/95
Signature Robert Mallory

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)	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)					Remarks
SB-9-10.0		1	S	D	14:17			X	X											
SB-1-5.5		1	S	D	10:15															HOLD
SB-2-5.5		1	S	D	10:55															HOLD
SB-4-7.0		1	S	D	9:53															HOLD
SB-3-5.5		1	S	D	11:25															HOLD

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert L. Mallory	TOUCHSTONE	6/29/95 Rev 18:08			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time 6/29/95 1808

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

COC-3.DWG/03 91/HCH