Touchstone Developments
Environmental Management

UST, Product Piping, and Oil/water Separator Removal and Overexcavation Soil Sampling Report

Former Chevron Service Station Number 9-4463
1801 Park Street
Alameda, California

prepared for

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
San Ramon, California

prepared by

Touchstone Developments

Robert C. Mallory
Project Manager

Marc Seeley CEG #1014
Technical Review

January 19, 1996

P.O. Box 2554 • Santa Rosa, CA 95405 • Office: (707) 538-8818 • Fax: (707) 538-8812 • Mobile/Fax: (707) 484-5112

INTRODUCTION

This report prepared by Touchstone Developments (Touchstone) documents the removal of gasoline Underground Storage Tanks (USTs), associated piping, and a car wash oil/water separator sump. In addition, this report describes and documents overexcavation activities and disposal of soil generated at the above referenced location (Figure 1).

Gasoline USTs and product piping removal at this location was performed on October 18, 1995. Overexcavation activities and oil/water separator removal were performed on October 31, 1995.

SITE CONDITIONS

The former service station site consisted of three 10,000 gallon gasoline storage tanks, associated product piping, two dispenser islands, and a station building housing a car wash with an oil/water separator. Groundwater was encountered in the UST excavation at approximately 12 feet below ground surface (bgs).

SERVICE STATION FIELD ACTIVITIES

UST and associated piping removal, excavation, and backfill was performed by American Construction of Livermore, California. A Touchstone representative was on site to observe the removal/excavation activities, and to collect soil samples from the excavations and soil stockpiles. Eva Chu from the Alameda County Health Care Services Agency (ACHCSA) and Steven McKinley from the City of Alameda Fire Department were present during the UST removal on October 18, 1995. Also on-site were Mark Miller and Doyle Warnock of Chevron U.S.A. Products Company. Eva Chu was also on-site on October 31, 1995 to observe overexcavation activities in the area of the easternmost pump island. Transportation and disposal of the USTs and associated piping was accomplished by Erickson, Inc. of Richmond, California. UST and piping disposal manifests are presented in Appendix A.

UST Sampling

Soil samples T-1-10.5, T-1-7.0, T-2-11.0, T-3-10.5, T-4-11.0, T-5-10.5, T-6-10.5, and T-7-10.5 were collected from the sidewalls of the gasoline UST excavation, in native soil, at approximately 7 to 11 feet bgs. A water sample was not collected from the UST excavation, with the approval of Eva Chu, due to the close proximity of groundwater monitoring wells to the UST complex. The UST excavation measured approximately 40 feet long by 40 feet wide and 13 feet

deep. Soil sample locations are shown on Figure 2 and analytical data and sample depths are presented in Table A.

Product Piping Sampling

Soil samples P-1-4.0 and P-2-4.0 were collected in native soil from trenches beneath the former product lines at depths of approximately 4 feet bgs. Soil sample locations are shown on Figure 2 and soil sample analytical results are summarized in Table A.

Oil/Water Separator Sampling

Soil samples OWS-N-8.0 and OWS-S-7.5 were collected from beneath a concrete oil/water separator located inside the station building and utilized to recycle car wash water. The samples were collected at depths of approximately 7 1/2 and 8 feet bgs. The sample locations are presented on Figure 2 and soil sample analytical are summarized in Table A.

OVEREXCAVATION SAMPLING ACTIVITIES

Pump Island Excavation Activities

On October 31, 1995, the northeastern pump island, encompassing the area of soil samples T-3-10.5 and P-2-4.0, was overexcavated. The dimensions of the overexcavation were approximately 20 feet long by 10 feet wide by 9 feet bgs deep. Confirmation soil samples PX-1-8.0, PX-2-7.5, and PX-3-7.5 were collected from each sidewall of the overexcavated area. Approximately 100 cubic yards (cy) of soil were removed during overexcavation activities and stockpiled on-site. The pump island overexcavation extent and soil sample locations are shown on Figure 3 and soil sample analytical data are presented in Table B.

STOCKPILE SAMPLING AND DISPOSAL

Soil stockpiles SP-1 through SP-5 represents approximately 250 cy of soil and pea gravel generated from UST and piping removal activities. One discrete soil sample was collected and analyzed for approximately every 50 cy of stockpiled material. Upon receipt of chemical analytical data, stockpiles SP-1 through SP-5 were reused on-site with the approval of Eva Chu of the ACHCSA.

Soil stockpile SP-6(A-D) represents soil generated during overexcavation of the pump island. Four soil samples were collected and combined for approximately every 100 cy of stockpiled material. Upon receipt of chemical analytical data,

soil represented by composite SP-6(A-D) was transported by Allwaste Transportation and Remediation, Inc. (Allwaste) to Browning-Ferris Industries' (BFI) Vasco Road Landfill located in Livermore, California. BFI Non-Hazardous Waste Manifests are presented in Appendix A.

SAMPLING PROTOCOL

Verification soil samples were collected from the excavation sidewalls and/or bottoms at various depths or where hydrocarbon impact was suspected. Soil samples were collected from the excavator or backhoe bucket by removing the top few inches of soil and pushing a clean, six-inch-long, two-inch diameter, brass sample tube into the soil until completely full. The ends of the sample tubes were covered with aluminum foil and sealed with plastic end caps. The samples were then labeled, placed in a cooler with ice, entered on a Chain-of-Custody form and transported to Sequoia Analytical, a State-certified environmental laboratory located in Redwood City, California.

Stockpile Sampling

Four soil samples were collected for approximately every 75-100 cy of material generated and off-hauled from the site. The four samples were then combined in the laboratory and analyzed as one. One discrete soil sample was collected for every 50 cy of soil material reused on-site. All stockpile samples were collected by removing the top 6 to 12 inches of soil, then pushing a sample tube or glass jar into the soil until completely full. The samples were sealed, labeled and handled as described above.

SAMPLE ANALYSIS

Soil samples collected from the UST excavations, product piping trenches, dispensers and associated stockpiles were analyzed for Total Petroleum Hydrocarbons calculated as gasoline (TPH-Gasoline) according to EPA Method 8015 (Modified), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) according to EPA Method 8020, and Total Lead according to EPA SW-846 6010.

The soil samples collected from the oil/water separator were analyzed for one or more of the following: TPH-Gasoline, BTEX, Total Recoverable Petroleum Hydrocarbons according to Standard Methods method 5520 E&F, Cadmium, Chromium, Lead, Nickel, & Zinc according to EPA Method SW-846. Copies of the analytical laboratory reports and Chain-of-Custody forms are presented in Appendix B.

TABLES

TABLE A
UST Excavation, Product Piping, and Oil/water Separator Sampling Summary
Former Chevron Service Station No. 9-4463
1801 Park Street, Alameda, California

Results in mg/Kg - parts per million (ppm)

UST Excavation and Piping Sampling Results

Sample ID	Depth (ft.)	Laboratory	Date	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
T-1-10.5	10.5	Sequoia	18-Oct-95	ND	ND	ND	ND	ND	ND	ND
T-1-7.0	7	Sequoia	18-Oct-95	37	0.053	ND	0.11	0.31	ND	5.1
T-2-11.0	11	Sequoia	18-Oct-95	ND	0.035	ND	0.0055	0.013	0.08	ND
T-3-10.5	10.5	Sequoia	18-Oct-95	8800	27	400	180	990	ND	ND
T-4-11.0	11	Sequoia	18-Oct-95	ND	0.022	ND	ND	0.0052	0.89	ND
T-5-10.5	10.5	Sequoia	18-Oct-95	ND	0.059	ND	ND	ND	0.26	ND
T-6-10.5	10.5	Sequoia	18-Oct-95	ND	ND	ND	ND	ND	0.25	ND
T-7-10.5	10.5	Sequoia	18-Oct-95	ND	ND	ND	ND	ND	0.64	ND
P-1-4.0	4	Sequoia	18-Oct-95	ND	ND	ND	ND	ND	ND	ND
P-2-4.0	4	Sequoia	18-Oct-95	ND	ND	ND	ND	ND	ND	ND

Oil/water Separator Sampling Results

Sample ID	Depth (ft.)	Laboratory	Date	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	TRPH
OWS-N-8.0	8	Sequoia	31-Oct-95	1.7	ND	ND	ND	ND	ND
OWS-S-7.5	7.5	Sequoia	31-Oct-95	ND	ND	ND	ND	ND	ND

TABLE A
UST Excavation, Product Piping, and Oil/water Separator Sampling Summary
Former Chevron Service Station No. 9-4463
1801 Park Street, Alameda, California

Results in mg/Kg - parts per million (ppm)

Sample ID	Depth (ft.)	Laboratory	Date	Cadmium	Chromium	Lead	Nickel	Zinc
OWS-N-8.0	8	Sequoia	31-Oct-95	ND	34	ND	31	18
OWS-S-7.5	7.5	Sequoia	31-Oct-95	ND	30	ND	30	23

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as Gasoline.

TRPH = Total Recoverable Petroleum Hydrocarbons (SM 5520 E&F Mod.).

MTBE = Methyl t-Butyl Ether.

ND = Not detected at or above laboratory detection limits.

NA = Analysis not requested.

TABLE B
Overexcavation Sampling Summary
Former Chevron Service Station No. 9-4463
1801 Park Street, Alameda, California

Results in mg/Kg - parts per million (ppm)

Piping Overexcavation Sampling Results

Sample ID	Depth (ft.)	Laboratory	Date	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
PX-1-8.0	8	Sequoia	31-Oct-95	1500	ND	37	25	130	ND
PX-2-7.5	7.5	Sequoia	31-Oct-95	2200	ND	47	43	250	ND
PX-3-7.5	7.5	Sequoia	31-Oct-95	310	1.7	14	6.8	35	ND

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as Gasoline.

MTBE = Methyl t-Butyl Ether.

ND = Not detected at or above laboratory detection limits.

TABLE C
Soil Stockpile Sampling Summary
Former Chevron Service Station No. 9-4463
1801 Park Street, Alameda, California

Results in mg/Kg - parts per million (ppm)

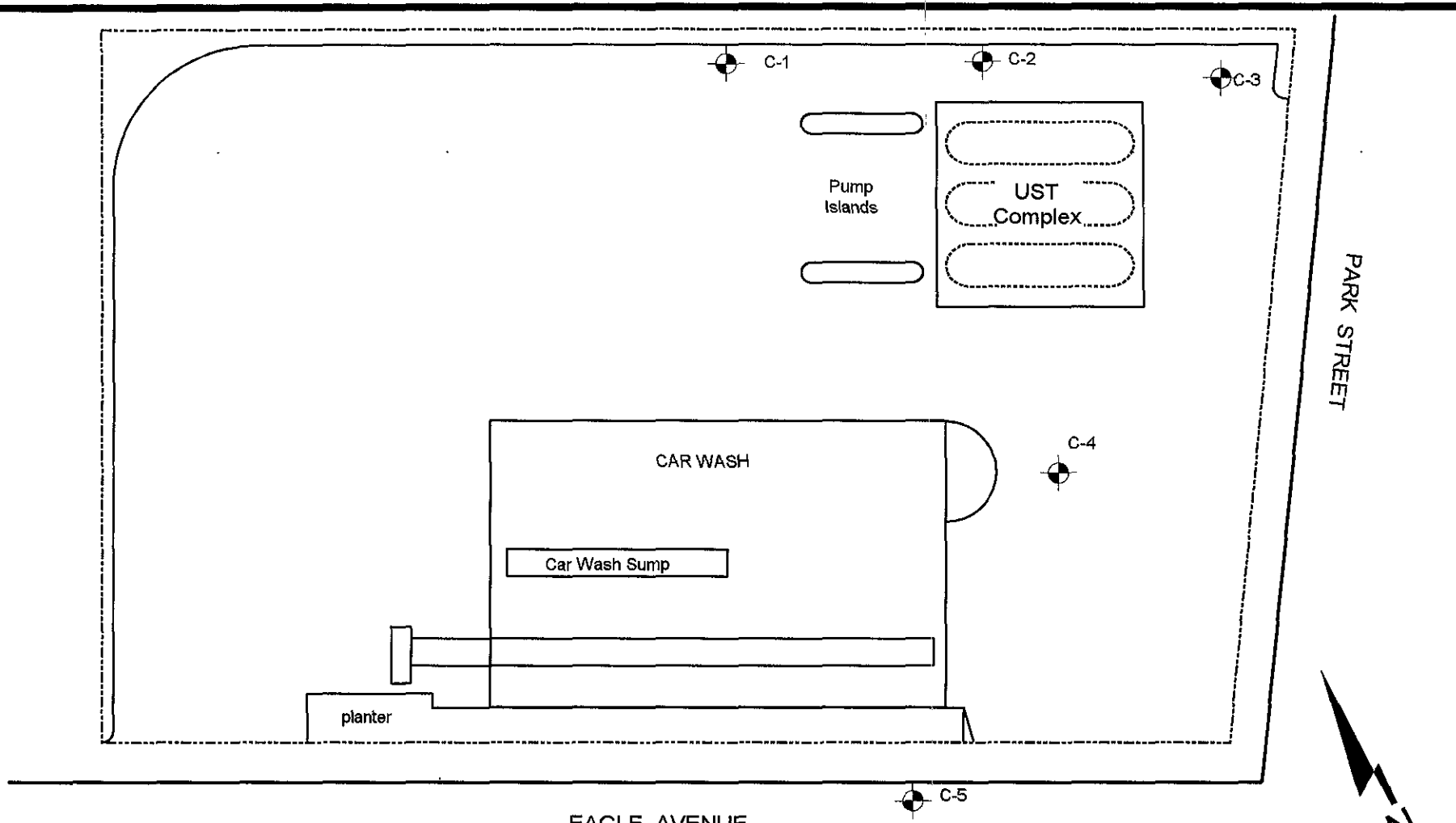
UST and Piping Excavation Soil Stockpile Sampling Results

Sample ID	Laboratory	Date	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
SP-1	Sequoia	31-Oct-95	ND	ND	ND	ND	ND	5.6
SP-2	Sequoia	31-Oct-95	ND	ND	0.014	0.0070	0.040	11
SP-3	Sequoia	31-Oct-95	ND	ND	0.015	0.0083	0.042	35
SP-4	Sequoia	31-Oct-95	ND	ND	ND	ND	0.0	8.0
SP-5	Sequoia	31-Oct-95	ND	ND	ND	ND	ND	14
SP-6(A-D)	Sequoia	31-Oct-95	350	ND	9.5	6.8	39.0	13

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as Gasoline.

ND = Not detected at or above laboratory detection limits.

FIGURES



EXPLANATION

- Monitoring Well
- UST Underground Storage Tank

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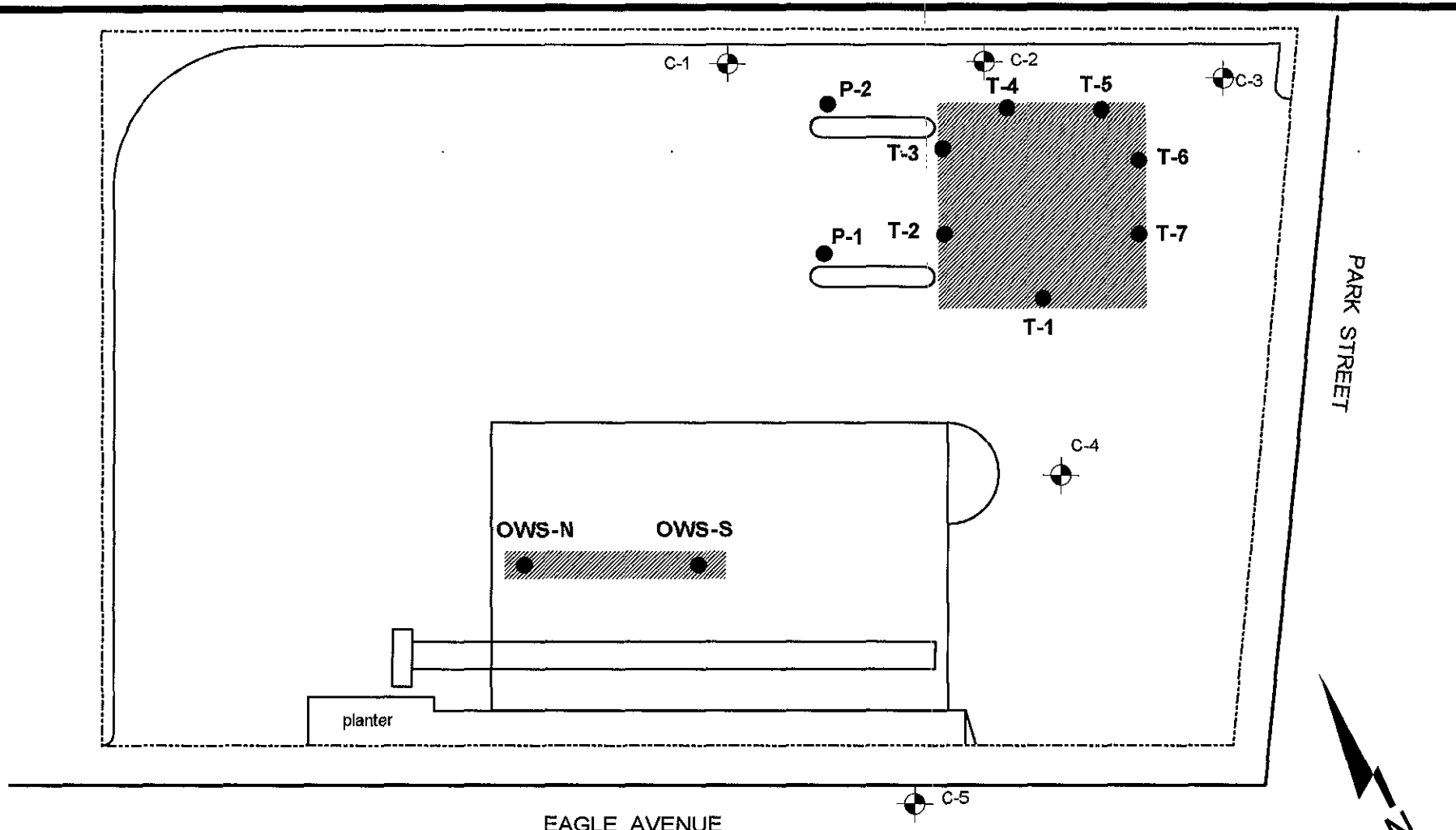
SITE PLAN

Former Chevron Service Station No. 9-4463
1801 Park Street
Alameda, California

FIGURE
1

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
9-4463	1/96	WTJ	SIERRA CONTOUR MAP 8/94



EXPLANATION

- Monitoring Well
- PX-1 Soil sample location and ID
- Excavation limits

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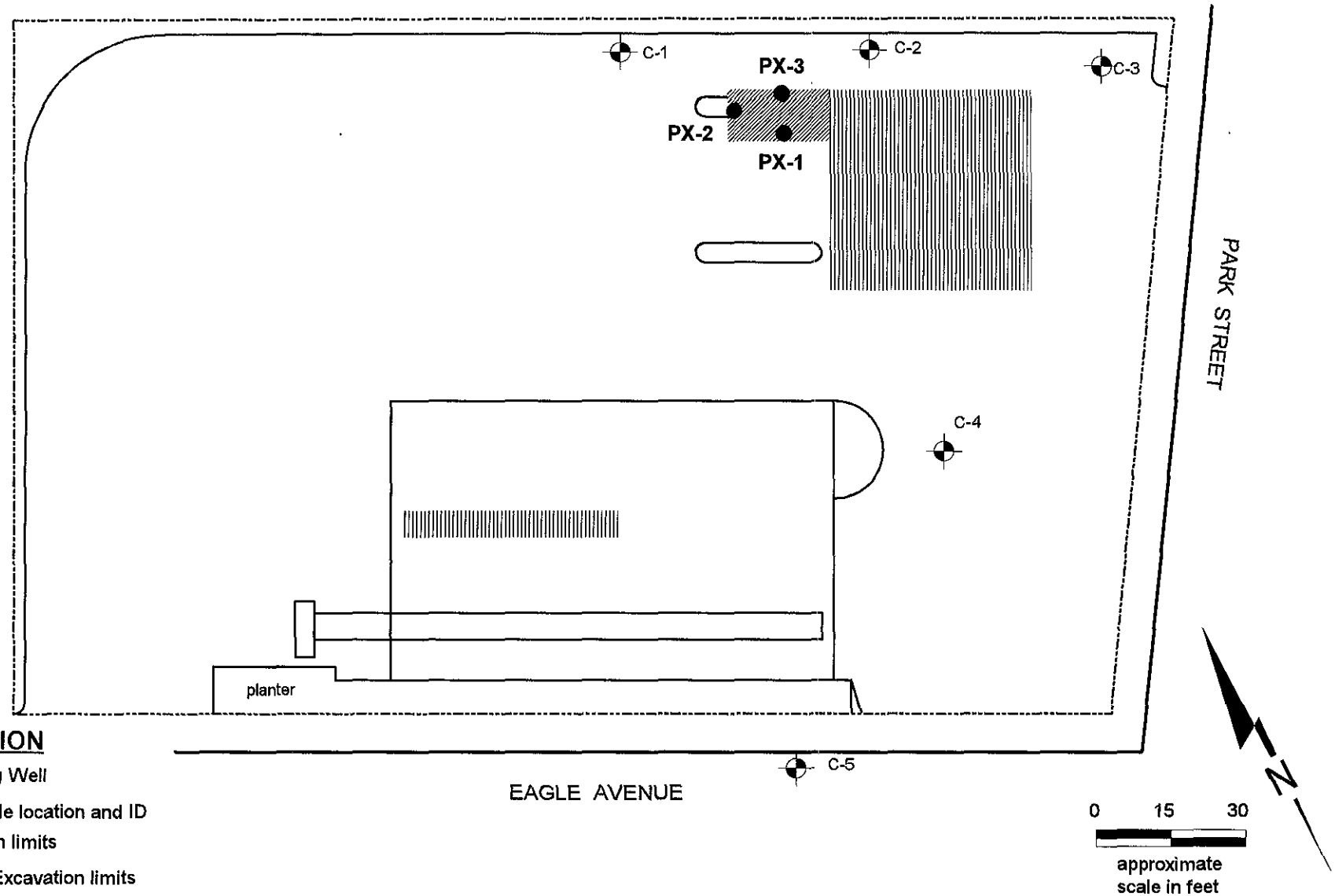
UST, PRODUCT ISLAND, AND SUMP SOIL SAMPLING LOCATION MAP

Former Chevron Service Station No. 9-4463
1801 Park Street
Alameda, California

FIGURE
2

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
9-4463	1/96	WTJ	SIERRA CONTOUR MAP 8/94



EXPLANATION

- Monitoring Well
- PX-1 Soil sample location and ID
- Excavation limits
- Previous Excavation limits

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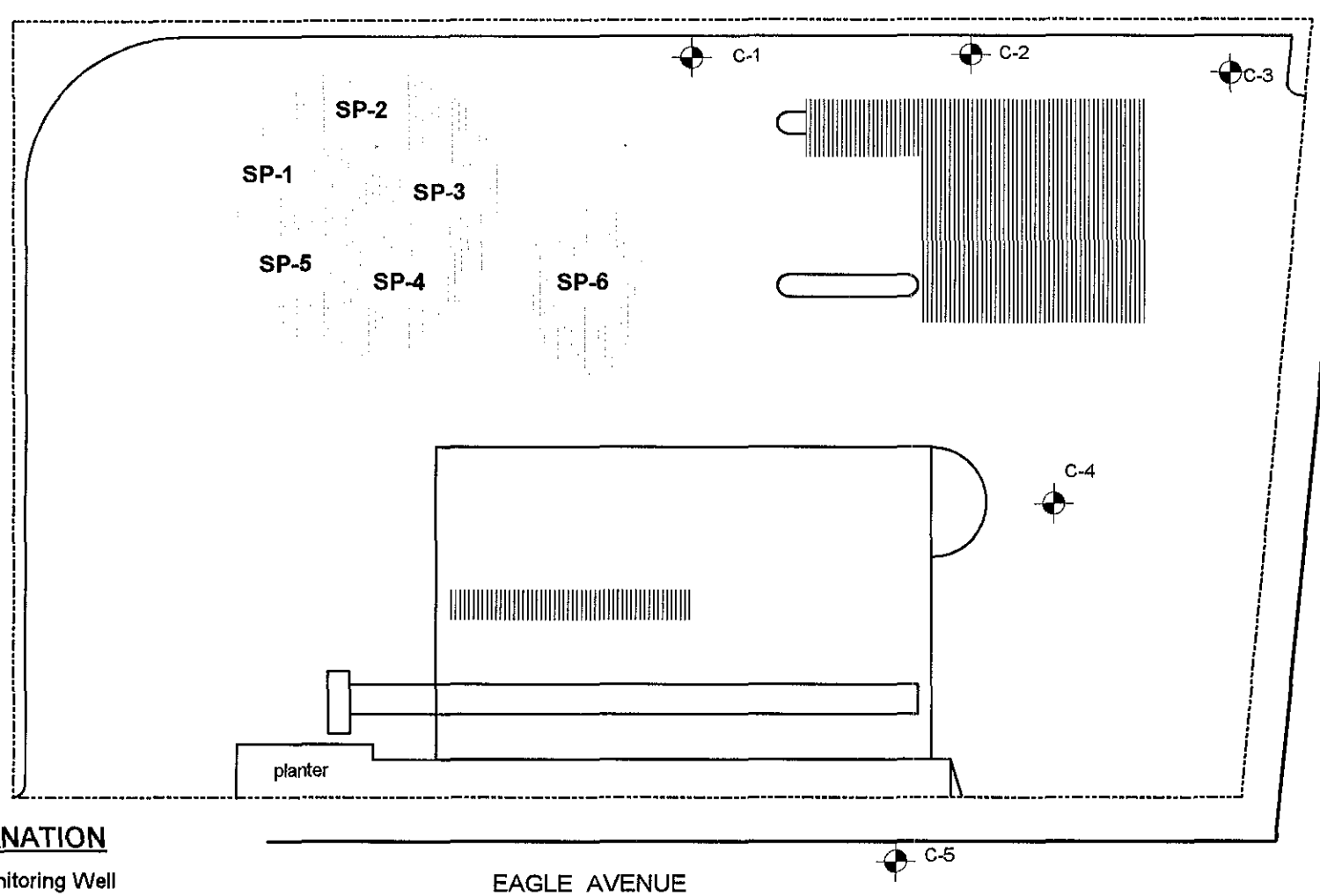
PRODUCT ISLAND OVEREXCAVATION SOIL SAMPLING LOCATION MAP

Former Chevron Service Station No. 9-4463
1801 Park Street
Alameda, California

FIGURE
3

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
9-4463	1/96	WTJ	SIERRA CONTOUR MAP 8/94



EXPLANATION

- Monitoring Well
- PX-1 — Soil sample location and ID
- Excavation limits
- Soil Stockpile and sample ID

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Environmental Management

SOIL STOCKPILE SAMPLE LOCATION MAP

Former Chevron Service Station No. 9-4463
1801 Park Street
Alameda, California

FIGURE
4

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
9-4463	1/96	WTJ	SIERRA CONTOUR MAP 8/94

APPENDIX A

MANIFESTS

State of California Environmental Protection Agency
Form Approved OMB No 2050-0039 (Expires 9-30-96)
Please print or type Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6. 96819

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000032850 — Manifest Document No. 94463 — 2 Page 1 of — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Chevron USA
PO Box 5004 San Ramon CA 94583 0504
Chevron USA 1901 Park St. DB Alameda CA 94501

4. Generator's Phone 510 842-8582

5. Transporter 1 Company Name: Erickson Inc — 6. US EPA ID Number: CAD009146392

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
Erickson, Inc.
201 Parr Blvd.
Richmond, CA. 94801 — 10. US EPA ID Number: CAD009146392

A. State Manifest Document Number: 95592428
B. State Generator's ID: NYA2360271433
C. State Transporter's ID: 610205
D. Transporter's Phone: 510 235 1393
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: CAD009146392 E
H. Facility's Phone: (510)235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NA-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	001	TP	8165	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 1 Empty Storage Tank(s)#16702
Tank(s) have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity. Fiberglass

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Chevron Ex & Phone 1 800 231 0623

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Doyle WARNOCK — Signature: Doyle Warnock — Month 10 Day 18 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dan Bailey — Signature: Dan Bailey — Month 10 Day 18 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVID SATO — Signature: DAVE SATO — Month 10 Day 18 Year 95

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

95592428

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18134

CUSTOMER CHEVRON MARKET

JOB NO. 966819

FOR: ERICKSON, INC. TANK NO. 16704

LOCATION: RICHMOND DATE: 95/10/23 TIME: 16:26

TEST METHOD VISUAL, GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN [illegible] PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS [illegible] FACILITY.
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK [illegible] SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6. 96-819

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA4000032280 | Manifest Document No. 94463 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Chevron U.S.A.
P.O. Box 5004
San Ramon, CA. 94583

Site Address
1601 Park St.
Alameda, CA. 94501

4. Generator's Phone (510) 842-5582

A. State Manifest Document Number 95592427

B. State Generator's ID 4414436027483

5. Transporter 1 Company Name ERICKSON | 6. US EPA ID Number CAD009466392 | C. State Transporter's ID 616584 | D. Transporter's Phone 510-235-1393

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
305 Parr Blvd.
Richmond, CA. 94801

10. US EPA ID Number CAD009466392 | G. State Facility's ID CAD009466392 | H. Facility's Phone (510)235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NA-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	001	TP	08165	P	State 512 EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 1 Empty Storage Tank(s) #16704
____ Tank(s) have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity.
Fiberglass Tanks

K. Handling Codes for Wastes Listed Above
a. 99 | b. | c. | d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around T.S.T.'s 24 Hr. Contact Name Chevron Emergency & Phone 1-800-231-0623

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Doyle Warnock | Signature Doyle Warnock | Month 10 | Day 18 | Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name STANLEY D. WILES | Signature Stanley D. Wiles | Month 10 | Day 18 | Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name DAVID SATO | Signature DAVID SATO | Month 10 | Day 18 | Year 95

DO NOT WRITE BELOW THIS LINE.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

TRANSPORTER

FACILITY

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6. 966819

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	CAL000322699
Manifest Document No.	44631
2. Page 1 of	1
Information in the shaded areas is not required by Federal law.	
A. State Manifest Document Number	95592429
3. Generator's Name and Mailing Address	Chevron USA, CC DCT San Ramon; Site Address: 1801 Park Street, Alameda CA 94501
4. Generator's Phone	(510) 842 8582
B. State Generator's ID	H44Q36927483
5. Transporter 1 Company Name	Byars Trucking
6. US EPA ID Number	CAD982346207
C. State Transporter's ID	616583
D. Transporter's Phone	510 473 9590
7. Transporter 2 Company Name	
8. US EPA ID Number	
E. State Transporter's ID	
F. Transporter's Phone	
9. Designated Facility Name and Site Address	Erickson, Inc. 255 Parr Blvd. Richmond, CA. 94801
10. US EPA ID Number	CAD009466392
G. State Facility's ID	CAD009466392
H. Facility's Phone	(510)235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	001	TP	08165	P	State 512; EPA/Other NONE
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 1 Empty Storage Tank(s) # 16703
_____, _____ Tank(s) Have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity.
Fiberglass tanks

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Chevron Emergency & Phone 1800 231 0623

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Printed/Typed Name	Signature	Month	Day	Year
Doyle Warnock	Doyle Warnock	10	18	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Al Byars	Al Byars	10	18	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Dave Sato	Dave Sato	10	18	95

DO NOT WRITE BELOW THIS LINE.

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18132

CUSTOMER: CHEVRON MARKET

JOB NO.: 966813

FOR: ERICKSON INC. TANK NO. 16703

LOCATION: RICHMOND DATE: 95/10/23 TIME: 16:23

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN PROCESSED AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK DELIVERED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18131

CUSTOMER
CHEVRON MARKET
JOB NO.
966819

FOR: ERICKSON, INC. TANK NO. 16703

LOCATION: RICHMOND DATE: 95/10/23 TIME: 16:22

TEST METHOD VISUAL CASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CLEANED, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714750

Section I

a. Generator Name: CHEVRON USA. b. Generating Location: CHEVRON 55# 9-4463

c. Address: P.O. BOX 5004 d. Address: 1801 PARK STREET

SAN RAMON CA. 94583 ALAMEDA, CA.

e. Phone No.: (510) 842 8134 f. Phone No.: N.A.

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 120495 54443 Containers

j. Description of Waste: SOIL W/HYDROCARBONS

k. Quantity: 18 Units: Y No.: 01 TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON USA

MARK MILLER Richard C. Miller 120695

Generator Authorized Agent Name / Signature / Shipment Date

Section II

TRANSPORTER I

a. Name: GLASS TRUCKING

b. Address: PO BOX 397

FORESTVILLE CA 95436

c. Driver Name/Title: BOB GLASS OWNER (PRINT/TYPE)

d. Phone No.: 707-887-1108 e. Truck No.: 3004

f. Vehicle License No./State: 9C35477

Acknowledgement of Receipt of Materials.

g. Driver Signature: Bob Glass 120695 (Shipment Date)

TRANSPORTER II

h. Name:

i. Address:

j. Driver Name/Title: (PRINT/TYPE)

k. Phone No.: l. Truck No.:

m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. Driver Signature: Shipment Date

Section III

a. Site Name: c. Phone No.:

b. Physical Address: d. Mailing Address:

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent / Signature 120695 (Receipt Date)

Section IV

a. Operator's* Name: b. Operator's* Phone No.:

c. Operator's* Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) / Operator's* Signature / Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-7208 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714751

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: CHEVRON USA.
b. Generating Location: CHEVRON SS# 9-4463
c. Address: P.O. BOX 5004
SAN RAMON, CA. 94583
d. Address: 1801 PARK ST.
ALAMEDA, CA.
e. Phone No.: (510) 842-8134
f. Phone No.: NA.

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA | 405 | 120495 | 54443

Containers

j. Description of Waste: SOIL W/HYDROCARBONS

k. Quantity: 18 | Units: Y | No.: 01 | TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON U.S.A.

MARC MILLER — Generator Authorized Agent Name
Signature
12/06/95 — Shipment Date

Section II — TRANSPORTER (Transporter I completes a-g; Transporter II completes h-n)

TRANSPORTER I

a. Name: ALL WASTE.
b. Address: P.O. BOX 150
SAN MARTIN CA.
c. Driver Name/Title: LAURENCE DEBARROS (PRINT/TYPE)
d. Phone No.: 1-800 321 1030
e. Truck No.: 1769
f. Vehicle License No./State: SP/1491S
Acknowledgement of Receipt of Materials.
g. Driver Signature — 12/06/95 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III — DISPOSAL SITE (Operator of destination site completes a-f)

a. Site Name:
b. Physical Address:
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 12/06/95 Receipt Date

Section IV — ASBESTOS (Generator completes a-f; Operator* completes g.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's* Signature — Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-720B 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714752

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: CHEVRON U.S.A.
b. Generating Location: CHEVRON SS# 9-4463
c. Address: P.O. BOX 5004
SAN RAMON, CA. 94583
d. Address: 1801 PARK ST.
ALAMEDA, CA.
e. Phone No.: (510) 842-8134
f. Phone No.: N.A.

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 120495 54443 Containers

j. Description of Waste: SOIL W/HYDROCARBONS

k. Quantity: 18 Units: Y No.: 01 TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the **waste has been** treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON U.S.A.

MARIC MILLER — Robert C. Mallory — 120695
Generator Authorized Agent Name — Signature — Shipment Date

Section II — TRANSPORTER (Generator completes a-g. Transporter I complete e-g. Transporter II complete h-n.)

TRANSPORTER I

a. Name: P.M.S. TRANS
b. Address: 2620 RESIVOIR
NORCO, CA
c. Driver Name/Title: DENNIS WEAVER (PRINT/TYPE)
d. Phone No.: (909) 371-0417 e. Truck No.: 001
f. Vehicle License No./State: 503603 CA.
Acknowledgement of Receipt of Materials.
g. Driver Signature — 120695 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III — DESIGNATION (Generator completes a-d, destination site completes e-f.)

a. Site Name:
c. Phone No.:
b. Physical Address:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 120695 Receipt Date

Section IV — ASBESTOS (Generator completes a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's* Signature — Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-7208 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714753

Section I. GENERATOR (Generator complete all of Section I)

a. Generator Name: CHEVRON U.S.A.
b. Generating Location: CHEVRON SS# 9-4463
c. Address: P.O. BOX 5004
d. Address: 1801 PARK ST.
SAN RAMON, CA. 94583
ALAMEDA, CA.
e. Phone No.: (510) 842-8134
f. Phone No.: N.A.

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 120495 54443 Containers

j. Description of Waste: SOIL W/HYDROCARBONS

k. Quantity: 18 Units: Y No.: 01 TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON U.S.A.

MARK MILLER — Robert C. Malloy — 120695
Generator Authorized Agent Name — Signature — Shipment Date

Section II TRANSPORTER (Transporter I complete a - g; Transporter II complete h - n)

TRANSPORTER I

a. Name: PMS TRANS
b. Address: NORCO CA
c. Driver Name/Title: ROBERT WEST (PRINT/TYPE)
d. Phone No.:
e. Truck No.: 3
f. Vehicle License No./State: 3786108
Acknowledgement of Receipt of Materials.
g. Driver Signature — Shipment Date: 120695

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date:

Section III DISPOSAL FACILITY

a. Site Name:
b. Physical Address:
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — Receipt Date: 120695

Section IV ASBESTOS (Generator complete a-g; Operator* complete h)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's* Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-7208 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714754

Section I GENERATOR

a. Generator Name: CHEVRON U.S.A.
b. Generating Location: CHEVRON SS# 9-4463
c. Address: P.O. BOX 5004 SAN RAMON, CA. 94583
d. Address: 1801 PARK ST. ALAMEDA, CA.
e. Phone No.: (510) 842-8134
f. Phone No.: N.A.

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 120495 54443

Containers — TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Soil w/HYDROCARBONS
k. Quantity: 18 Units: Y No.: 01 TYPE: T

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON USA

Generator Authorized Agent Name: MARK MILLER
Signature: [signature]
Shipment Date: 12 06 95

Section II TRANSPORTER

TRANSPORTER I

a. Name: Allwaste
b. Address: P.O. Box 150 San Martin, Ca.
c. Driver Name/Title: David L. Marcum Driver
d. Phone No.: 1-800-321-1030
e. Truck No.: 2C
f. Vehicle License No./State: 9C07980 Ca.

Acknowledgement of Receipt of Materials.

g. Driver Signature: [signature] Shipment Date: 12 06 95

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. Driver Signature: Shipment Date:

Section III DESTINATION

a. Site Name:
b. Physical Address:
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent: Signature: [signature] Receipt Date: 12 06 95

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title (Print/Type): Operator's* Signature: Date:

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-720B 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 714755

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: CHEVRON U.S.A. b. Generating Location: CHEVRON S/S # 9-4463

c. Address: P.O. BOX 5004 d. Address: 1841 PARIC ST.

SAN RAMON, CA. 94583 ALAMEDA, CA.

e. Phone No.: (510) 842 8134 f. Phone No.: N/A

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: h. Owner's Phone No.:

i. BFI WASTE CODE: CA 495 120495 54443 Containers

j. Description of Waste: SOIL W/HYDROCARBONS* k. Quantity: 10 Units: Y No.: 01 TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. FOR CHEVRON USA

MARK MILLER — Generator Authorized Agent Name; Signature; Shipment Date: 12/6/95

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I	TRANSPORTER II
a. Name: Allcastle	h. Name:
b. Address: 12471 [redacted] San Ramon, CA	i. Address: [redacted]
c. Driver Name/Title: C. [redacted] (PRINT/TYPE)	j. Driver Name/Title: (PRINT/TYPE)
d. Phone No. 800 321-1030 e. Truck No.: 616	k. Phone No.: l. Truck No.:
f. Vehicle License No./State: CA 5P14903	m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
g. Driver Signature; Shipment Date: 12/6/95	n. Driver Signature; Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f)

a. Site Name: c. Phone No.:

b. Physical Address: d. Mailing Address:

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent; Signature; Receipt Date: 12/6/95

Section IV ASBESTOS (Generator completes a-d, Operator* completes e-g)

a. Operator's* Name: b. Operator's* Phone No.:

c. Operator's* Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type); Operator's* Signature; Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

RETURN TO GENERATOR

260-7208 5/93

VASCO ROAD SANITARY LANDFILL No: 784625

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 12-06-95 Time In: 10:35:19 Time Out: 10:35:19
Ticket # : A68499 CMS # : 1006881 LMS #: 0000881
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : 002004 Lic Plate:
SPECIAL
Manifest # : 714750 PO #: 4195930 Transporter: 0
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : Operator: NOEL
Capacity : 18.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.55 Tare Wt: 16.52 Net Wt: 18.03 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	14.00	18.03 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 784644

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 12-06-95 Time In: 11:04:56 Time Out: 11:04:56
Ticket # : A68518 CNS # : 1006881 LNS #: 0000081
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : 001769 Lic Plate:
SPECIAL
Manifest # : 714751 PO #: 4195930 Transporter: 0
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : Operator: NOEL
Capacity : 18.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.07 Tare Wt: 16.75 Net Wt: 19.32 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	15.00	19.32 TN		

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 784675

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 12-06-95 Time In: 11:48:39 Time Out: 11:48:39
Ticket # : A68546 CMS # : 1006881 LMS #: 0000881
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : P1 Lic Plate:
SPECIAL
Manifest # : 714752 PO #: 4195930 Transporter: 0
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : Operator: NOEL
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.82 Tare Wt: 15.97 Net Wt: 20.85 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	16.00	20.85 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 784676

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 12-06-95 Time In: 11:50:52 Time Out: 11:50:52
Ticket # : A68547 CMS # : 1006881 LMS #: 0000881
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : 000003 Lic Plate:
SPECIAL
Manifest # : 714753 PO #: 4195930 Transporter: D
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : Operator: NOEL
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.93 Tare Wt: 16.33 Net Wt: 17.60 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	13.00	17.60 TN		

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninôs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 784681

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 12-06-95 Time In: 12:01:37 Time Out: 12:01:37
Ticket # : A68554 CMS # : 1006881 LMS #: 0000881
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : 000020 Lic Plate:
SPECIAL
Manifest # : 714754 PO #: 4135930 Transporter:
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : Operator: NOEL
Capacity : 18.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.55 Tare Wt: 14.99 Net Wt: 19.56 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	15.00	19.56 TN		

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 784693

A DIVISION OF BFI BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

M. Miller

Date : 12-06-95 Time In: 12:30:09 Time Out: 12:30:09
Ticket # : A68567 CMS # : 1006881 LMS #: 0000881
Customer : CHEVRON U.S.A. PRODUCTS CO.
Vehicle # : 300016 Lic Plate:
SPECIAL
Manifest # : 714755 PO #: 4195930 Transporter:
Source Cd : Generator : CHE CHEVRON U.S.A.
Comment : MINNIS Operator: NOEL
Capacity : 18.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.96 Tare Wt: 15.41 Net Wt: 18.55 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	14.00	18.55 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

C. Minnis
DRIVER

CUSTOMER

APPENDIX B

CHEMICAL ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORMS

Sequoia Analytical

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

Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463

Lab Proj. ID: 9510D03

Sampled: 10/18/95
Received: 10/18/95
Analyzed: see below

Reported: 10/20/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510D03-02 Sample Desc : **SOLID,T-1-10.5**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-03 Sample Desc : **SOLID,T-2-11.0**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-04 Sample Desc : **SOLID,T-3-10.5**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-05 Sample Desc : **SOLID,T-4-11.0**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-06 Sample Desc : **SOLID,T-5-10.5**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-07 Sample Desc : **SOLID,T-6-10.5**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-08 Sample Desc : **SOLID,T-1-7.0**				
Lead	**mg/Kg**	**10/19/95**	**5.0**	**5.1**

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463

Lab Proj. ID: 9510D03

Sampled: 10/18/95
Received: 10/18/95
Analyzed: see below

Reported: 10/20/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510D03-09 Sample Desc : **SOLID,T-7-10.5**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-10 Sample Desc : **SOLID,P-1-4.0**				
Lead	mg/Kg	10/19/95	5.0	N.D.
Lab No: 9510D03-11 Sample Desc : **SOLID,P-2-4.0**				
Lead	mg/Kg	10/19/95	5.0	N.D.

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-1-10.5	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-02	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-2-11.0	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-03	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	**0.025**	**0.080**
Benzene	**0.0050**	**0.035**
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.0055**
Xylenes (Total)	**0.0050**	**0.013**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-3-10.5	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/20/95
Attention: Robert Mallory	Lab Number: 9510D03-04	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**5000**	**8800**
Methyl t-Butyl Ether	125	N.D.
Benzene	**25**	**27**
Toluene	**25**	**400**
Ethyl Benzene	**25**	**180**
Xylenes (Total)	**25**	**990**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-4-11.0	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-05	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	**0.025**	**0.89**
Benzene	**0.0050**	**0.022**
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	**0.0050**	**0.0052**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	87

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-5-10.5	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-06	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	**0.025**	**0.26**
Benzene	**0.0050**	**0.059**
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	85

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-6-10.5	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-07	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	**0.025**	**0.25**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-1-7.0	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/20/95
Attention: Robert Mallory	Lab Number: 9510D03-08	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**37**
Methyl t-Butyl Ether	0.25	N.D.
Benzene	**0.050**	**0.053**
Toluene	0.050	N.D.
Ethyl Benzene	**0.050**	**0.11**
Xylenes (Total)	**0.050**	**0.31**
Chromatogram Pattern:		**Gas**

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

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: T-7-10.5	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-09	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	**0.025**	**0.64**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	82

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: P-1-4.0	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/19/95
Attention: Robert Mallory	Lab Number: 9510D03-10	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/18/95
5807 Balboa Drive	Sample Descript: P-2-4.0	Received: 10/18/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 10/19/95
	Analysis Method: 8015Mod/8020	Analyzed: 10/20/95
Attention: Robert Mallory	Lab Number: 9510D03-11	Reported: 10/20/95

QC Batch Number: GC101995BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463

Lab Proj. ID: 9510D03

Received: 10/18/95

Reported: 10/20/95

LABORATORY NARRATIVE

TPPH note: sample 9510D03-04 was diluted 5000 fold.
sample 9510D03-08 was diluted 10 fold.

SEQUOIA ANALYTICAL

M. Cargasacchi
Project Manager

Sequoia Analytical

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

Touchstone Development
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Project ID: Chevron 9-4463/9-4463
Matrix: Solid
Work Order #: 9510D03 02-11
Reported: Oct 23, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC101995BTEXEXA	GC101995BTEXEXA	GC101995BTEXEXA	GC101995BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Padilla	J. Padilla	J. Padilla	J. Padilla
MS/MSD #:	951096711	951096711	951096711	951096711
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/19/95	10/19/95	10/19/95	10/19/95
Analyzed Date:	10/19/95	10/19/95	10/19/95	10/19/95
Instrument I.D.#:	GCHP18	GCHP18	GCHP18	GCHP18
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
Result:	0.16	0.17	0.17	0.51
MS % Recovery:	80	85	85	85
Dup. Result:	0.16	0.17	0.17	0.50
MSD % Recov.:	80	85	85	83
RPD:	0.0	0.0	0.0	2.0
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

Mark J. Cargasacchi
Project Manager

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

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

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Touchstone Development
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Project ID: Chevron 9-4463/9-4463
Matrix: Solid
Work Order #: 9510D03 02-11

Reported: Oct 23, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1018956010MDF	ME1018956010MDF	ME1018956010MDF	ME1018956010MDF
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9510D0302	9510D0302	9510D0302	9510D0302
Sample Conc.:	N.D.	N.D.	39	32
Prepared Date:	10/18/95	10/18/95	10/18/95	10/18/95
Analyzed Date:	10/19/95	10/19/95	10/19/95	10/19/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
Result:	100	100	140	130
MS % Recovery:	100	100	101	98
Dup. Result:	100	100	140	130
MSD % Recov.:	100	100	101	98
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK101895	BLK101895	BLK101895	BLK101895
Prepared Date:	10/18/95	10/18/95	10/18/95	10/18/95
Analyzed Date:	10/19/95	10/19/95	10/19/95	10/19/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
LCS Result:	110	110	110	110
LCS % Recov.:	110	110	110	110
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
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: ☐ Yes ☐ No

Chain-of-Custody-Record

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

Chevron Facility Number 9-4463
Facility Address 1801 PARK ST., ALAMEDA, CA.
Consultant Project Number 9-4463
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 5807 BALBOA DRIVE, OAKLAND, CA.
Project Contact (Name) ROBERT MALLORY
(Phone) (510) 339 3222 (Fax Number) 339 3222

Chevron Contact (Name) MARK MILLER
(Phone) (510) 842-8134
Laboratory Name SEQUOIA
Laboratory Release Number ~~WILL CALL IN~~ 388920
Samples Collected by (Name) ROBERT C. MALLORY
Collection Date 10/18/95
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)	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)	MTBE	TOTAL PB				Remarks
																					9510003
T-1-10.5	01	1	S	D	11:36		Y	X								X	X				
T-2-11.0	02	1	S	D	11:24		Y	X								X	X				
T-3-10.5	03	1	S	D	11:30		Y	X								X	X				
T-4-11.0	04	1	S	D	11:32		Y	X								X	X				
T-5-10.5	05	1	S	D	11:50		Y	X								X	X				
T-6-10.5	06	1	S	D	11:48		Y	X								X	X				
T-7-7.0	08	1	S	D	11:34		Y	X								X	X				
T-7-10.5	07	1	S	D	11:46		Y	X								X	X				
P-1-4.0	09	1	S	D	11:23		Y	X								X	X				
P-2-4.0	10	1	S	D	11:25		Y	X								X	X				

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	TD	10/18/95 17:00			
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
			Tonya McCuchen		10/18/95 17:00

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

TWG/03 91/HCH

Sequoia Analytical

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463

Lab Proj. ID: 9510M06

Sampled: 10/31/95
Received: 10/31/95
Analyzed: see below

Reported: 11/02/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510M06-04				
Sample Desc : **SOLID,OWS-N-8.0**				
Cadmium	mg/Kg	11/01/95	0.50	N.D.
Chromium	**mg/Kg**	**11/01/95**	**0.50**	**34**
Lead	mg/Kg	11/01/95	5.0	N.D.
Nickel	**mg/Kg**	**11/01/95**	**2.5**	**31**
TRPH (SM 5520 E&F Mod.)	mg/Kg	11/01/95	50	N.D.
Zinc	**mg/Kg**	**11/01/95**	**0.50**	**18**
Lab No: 9510M06-05				
Sample Desc : **SOLID,OWS-S-7.5**				
Cadmium	mg/Kg	11/01/95	0.50	N.D.
Chromium	**mg/Kg**	**11/01/95**	**0.50**	**30**
Lead	mg/Kg	11/01/95	5.0	N.D.
Nickel	**mg/Kg**	**11/01/95**	**2.5**	**30**
TRPH (SM 5520 E&F Mod.)	mg/Kg	11/01/95	50	N.D.
Zinc	**mg/Kg**	**11/01/95**	**0.50**	**23**

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463	Sampled: 10/31/95
5807 Balboa Drive	Sample Descript: PX-1-8.0	Received: 10/31/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 11/01/95
	Analysis Method: 8015Mod/8020	Analyzed: 11/02/95
Attention: Robert Mallory	Lab Number: 9510M06-01	Reported: 11/02/95

QC Batch Number: GC110195BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**250**	**1500**
Methyl t-Butyl Ether	6.2	N.D.
Benzene	1.2	N.D.
Toluene	**1.2**	**37**
Ethyl Benzene	**1.2**	**25**
Xylenes (Total)	**1.2**	**130**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	103

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Chevron 9-4463	Sampled: 10/31/95
5807 Balboa Drive	Sample Descript: PX-2-7.5	Received: 10/31/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 11/01/95
	Analysis Method: 8015Mod/8020	Analyzed: 11/02/95
Attention: Robert Mallory	Lab Number: 9510M06-02	Reported: 11/02/95

QC Batch Number: GC110195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**250**	**2200**
Methyl t-Butyl Ether	6.2	N.D.
Benzene	1.2	N.D.
Toluene	**1.2**	**47**
Ethyl Benzene	**1.2**	**43**
Xylenes (Total)	**1.2**	**250**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	130

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463
Sample Descript: PX-3-7.5
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M06-03

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/01/95
Analyzed: 11/02/95
Reported: 11/02/95

QC Batch Number: GC110195BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**50**	**310**
Methyl t-Butyl Ether	1.2	N.D.
Benzene	**0.25**	**1.7**
Toluene	**0.25**	**14**
Ethyl Benzene	**0.25**	**6.8**
Xylenes (Total)	**0.25**	**35**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463
Sample Descript: OWS-N-8.0
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M06-04

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/01/95
Analyzed: 11/01/95
Reported: 11/02/95

QC Batch Number: GC110195BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**1.7**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
Unidentified HC		**>C9**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463
Sample Descript: OWS-S-7.5
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M06-05

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/01/95
Analyzed: 11/01/95
Reported: 11/02/95

QC Batch Number: GC110195BTEXEXA
Instrument ID: GCHP06

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	107

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463

Lab Proj. ID: 9510M06

Received: 10/31/95

Reported: 11/02/95

LABORATORY NARRATIVE

TPPH note: sample 9510M06-01 was diluted 250 fold.
sample 9510M06-02 was diluted 250 fold.
sample 9510M06-03 was diluted 50 fold.

SEQUOIA ANALYTICAL

M. Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Project ID: 9-4463, Chevron 9-4463
Matrix: Solid
Work Order #: 9510M06 -01-05

Reported: Nov 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC110195BTEXEXA	GC110195BTEXEXA	GC110195BTEXEXA	GC110195BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	G. Garcia	G. Garcia	G. Garcia	G. Garcia
MS/MSD #:	9510I6905	9510I6905	9510I6905	9510I6905
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	11/1/95	11/1/95	11/1/95	11/1/95
Analyzed Date:	11/1/95	11/1/95	11/1/95	11/1/95
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	0.55
MS % Recovery:	90	90	90	92
Dup. Result:	0.17	0.18	0.18	0.54
MSD % Recov.:	85	90	90	90
RPD:	5.7	0.0	0.0	1.8
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK110195	BLK110195	BLK110195	BLK110195
Prepared Date:	11/1/95	11/1/95	11/1/95	11/1/95
Analyzed Date:	11/1/95	11/1/95	11/1/95	11/1/95
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
LCS Result:	0.18	0.18	0.18	0.54
LCS % Recov.:	90	90	90	90
MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
Project Manager

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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Project ID: 9-4463, Chevron 9-4463
Matrix: Solid
Work Order #: 9510M06-04-05

Reported: Nov 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Total Oil & Grease
QC Batch#:	OP1031955520EXA
Analy. Method:	SM 5520 EF-MOD
Prep. Method:	EPA 3550

Analyst:	C. Garde
MS/MSD #:	9510K7606
Sample Conc.:	N.D.
Prepared Date:	10/31/95
Analyzed Date:	11/1/95
Instrument I.D.#:	Manual
Conc. Spiked:	500 mg/Kg
Result:	360
MS % Recovery:	72
Dup. Result:	330
MSD % Recov.:	66
RPD:	8.7
RPD Limit:	60-140

LCS #:	BLK103195
Prepared Date:	10/31/95
Analyzed Date:	11/1/95
Instrument I.D.#:	Manual
Conc. Spiked:	500 mg/Kg
LCS Result:	370
LCS % Recov.:	74

MS/MSD LCS Control Limits	70-110

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
Project Manager

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Attention: Robert Mallory

Client Project ID: 9-4463, Chevron 9-4463
Matrix: Solid
Work Order #: 9510M06-04-05

Reported: Nov 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1101956010MDE	ME1101956010MDE	ME1101956010MDE	ME1101956010MDE
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9510M0605	9510M0605	9510M0605	9510M0605
Sample Conc.:	N.D.	N.D.	31	30
Prepared Date:	11/1/95	11/1/95	11/1/95	11/1/95
Analyzed Date:	11/1/95	11/1/95	11/1/95	11/1/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
Result:	100	98	130	130
MS % Recovery:	100	98	99	100
Dup. Result:	100	98	130	130
MSD % Recov.:	100	98	99	100
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK110195	BLK110195	BLK110195	BLK110195
Prepared Date:	11/1/95	11/1/95	11/1/95	11/1/95
Analyzed Date:	11/1/95	11/1/95	11/1/95	11/1/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
LCS Result:	110	100	110	110
LCS % Recov.:	110	100	110	110
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mark S. Cargasacchi
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

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

Chevron Facility Number 9-4463
Facility Address 1801 PARK ST., ALAMEDA, CA.
Consultant Project Number 9-4463
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 5807 BROADWAY, OAKLAND, CA.
Project Contact (Name) ROBERT MALLORY
(Phone) (510) 339 5222 (Fax Number) (510) 339-3222

Chevron Contact (Name) MARK MILLER
(Phone) (510) 842-8134
Laboratory Name SEQUOIA
Laboratory Release Number WILL CALL IN
Samples Collected by (Name) ROBERT C. MALLORY
Collection Date 10/31/95
Signature Robert C. Mallory

9510M06

Analyses To Be Performed

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)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	NITRATE					Remarks
PX-1-8.0	01	1	S	D	13:40		Y	X								X					
PX-2-7.5	02	1	S	D	13:42		Y	X								X					
PX-3-7.5	03	1	S	D	13:45		Y	X								X					
OWS-N-8.0	04	1	S	D	13:22		Y	X		X					X						
OWS-S-7.5	05	1	S	D	13:35		Y	X		X					X						

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	TD	10/31/95 19:09			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Received By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					10/31/95 1909

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

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
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463

Lab Proj. ID: 9510M13

Sampled: 10/31/95
Received: 10/31/95
Analyzed: see below

Reported: 11/08/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510M13-01 Sample Desc : **SOLID,SP-1**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**5.6**
Lab No: 9510M13-02 Sample Desc : **SOLID,SP-2**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**11**
Lab No: 9510M13-03 Sample Desc : **SOLID,SP-3**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**35**
Lab No: 9510M13-04 Sample Desc : **SOLID,SP-4**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**8.0**
Lab No: 9510M13-05 Sample Desc : **SOLID,SP-5**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**14**
Lab No: 9510M13-06 Sample Desc : **SOLID,SP-6(A-D)**				
Lead	**mg/Kg**	**11/04/95**	**5.0**	**13**

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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

Touchstone Developments	Client Proj. ID: Chevron 9-4463/9-4463	Sampled: 10/31/95
5807 Balboa Drive	Sample Descript: SP-1	Received: 10/31/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 11/02/95
	Analysis Method: 8015Mod/8020	Analyzed: 11/02/95
Attention: Robert Mallory	Lab Number: 9510M13-01	Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
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	85

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463
Sample Descript: SP-2
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M13-02

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/02/95
Analyzed: 11/02/95
Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
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**	**0.014**
Ethyl Benzene	**0.0050**	**0.0070**
Xylenes (Total)	**0.0050**	**0.040**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
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: Chevron 9-4463/9-4463	Sampled: 10/31/95
5807 Balboa Drive	Sample Descript: SP-3	Received: 10/31/95
Oakland, CA 94611	Matrix: SOLID	Extracted: 11/02/95
	Analysis Method: 8015Mod/8020	Analyzed: 11/02/95
Attention: Robert Mallory	Lab Number: 9510M13-03	Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
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**	**0.015**
Ethyl Benzene	**0.0050**	**0.0083**
Xylenes (Total)	**0.0050**	**0.042**
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

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463
Sample Descript: SP-4
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M13-04

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/02/95
Analyzed: 11/02/95
Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
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**	**0.0063**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463
Sample Descript: SP-5
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M13-05

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/02/95
Analyzed: 11/03/95
Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
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	95

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

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611

Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463
Sample Descript: SP-6(A-D)
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9510M13-06

Sampled: 10/31/95
Received: 10/31/95
Extracted: 11/02/95
Analyzed: 11/02/95
Reported: 11/08/95

QC Batch Number: GC110295BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**100**	**350**
Benzene	0.50	N.D.
Toluene	**0.50**	**9.5**
Ethyl Benzene	**0.50**	**6.8**
Xylenes (Total)	**0.50**	**39**
Chromatogram Pattern:		**Gas**

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

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Proj. ID: Chevron 9-4463/9-4463

Lab Proj. ID: 9510M13

Received: 10/31/95

Reported: 11/08/95

LABORATORY NARRATIVE

TPPH note: sample 9510M13-06 was diluted 100 fold.

SEQUOIA ANALYTICAL

M. Cargasacchi
Project Manager

Sequoia Analytical

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

Touchstone Developments
5807 Balboa Drive
Oakland, CA 94611
Attention: Robert Mallory

Client Project ID: Chevron 9-4463/9-4463
Matrix: Solid
Work Order #: 9510M13 -01-06
Reported: Nov 9, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1103956010MDE	ME1103956010MDE	ME1103956010MDE	ME1103956010MDE
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	951121401	951121401	951121401	951121401
Sample Conc.:	N.D.	N.D.	26	9.5
Prepared Date:	11/3/95	11/3/95	11/3/95	11/3/95
Analyzed Date:	11/4/95	11/4/95	11/4/95	11/4/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
Result:	100	97	120	110
MS % Recovery:	100	97	94	101
Dup. Result:	100	96	120	110
MSD % Recov.:	100	96	94	101
% RPD:	0.0	1.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK110395	BLK110395	BLK110395	BLK110395
Prepared Date:	11/3/95	11/3/95	11/3/95	11/3/95
Analyzed Date:	11/4/95	11/4/95	11/4/95	11/4/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg
LCS Result:	100	100	100	100
LCS % Recov.:	100	100	100	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
Project Manager

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

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

Sequoia Analytical

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

Touchstone Developments	Client Project ID:	Chevron 9-4463/9-4463	
5807 Balboa Drive	Matrix:	Solid	
Oakland, CA 94611			
Attention: Robert Mallory	Work Order #:	9510M13-01-06	Reported: Nov 9, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC110295BTEXEXA	GC110295BTEXEXA	GC110295BTEXEXA	GC110295BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9510J1101	9510J1101	9510J1101	9510J1101
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	11/2/95	11/2/95	11/2/95	11/2/95
Analyzed Date:	11/2/95	11/2/95	11/2/95	11/2/95
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:	0.19	0.19	0.19	0.56
MS % Recovery:	95	95	95	93
Dup. Result:	0.19	0.19	0.19	0.57
MSD % Recov.:	95	95	95	95
RPD:	0.0	0.0	0.0	1.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK110295	BLK110295	BLK110295	BLK110295
Prepared Date:	11/2/95	11/2/95	11/2/95	11/2/95
Analyzed Date:	11/2/95	11/2/95	11/2/95	11/2/95
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
LCS Result:	0.21	0.21	0.21	0.63
LCS % Recov.:	105	105	105	105

MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
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

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

Chain-of-Custody-Record

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

Chevron Facility Number 9-4463
Facility Address 1601 PARK ST., ALAMEDA, CA
Consultant Project Number 9-4463
Consultant Name TOUCHSTONE DEVELOPMENTS
Address 5807 BALBOA DR., OAKLAND, CA
Project Contact (Name) ROBERT C. MALLORY
(Phone) (510) 339 3222 (Fax Number) (510) 339-3222

Chevron Contact (Name) MARK MILLER
(Phone) (510) 842-8134
Laboratory Name SEQUOIA
Laboratory Release Number WILL CALL IN
Samples Collected by (Name) ROBERT C. MALLORY
Collection Date 10/31/95
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)	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)	TOTAL PB					Remarks
SP-1	01 A	1	S	G	/		Y	X								X					9510M13
SP-2	02	1	S	G	/		Y	X								X					
SP-3	03	1	S	G	/		Y	X								X					
SP-4	04	1	S	G	/		Y	X								X					
SP-5	05	1	S	G	/		Y	X								X					
SP-6(A-D)	06 A-D	4	S	C	/		Y	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Robert C. Mallory	TD	10/31/95 19:17			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
By (Signature)	Organization	Date/Time	Received for Laboratory By (Signature)		Date/Time 1417 10/31/95

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

91/MCH