Confirmatory SS was not requested since site has on-going GW monitoring. And MTBE was only at 2.2ppm.

Chevron

June 30, 1997

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

Marketing – Sales West
Phone 510 842 9500

Mr. Robert Weston
Senior Hazardous Materials Specialist
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station #9-1924
4904 South Front Street
Livermore, California

Dear Mr. Weston:

Enclosed is the Product Piping Removal Soil Sampling Report that was prepared by our consultant Touchstone Developments for the above noted facility. An environmental investigation was conducted at this site during the course of upgrading the dispenser islands. The investigation included collecting soil samples beneath and in the vicinity of the dispenser islands to determine the impact, if any from the service station operations.

Soil samples were collected beneath the dispenser islands and analyzed fro TPH-g, BTEX, MtBE, and Lead constituents. No benzene constituents were detected in any of the soil samples. The highest TPH-g concentration detected was 2.1 ppm in sample P2, while the highest MtBE concentration was in P3 at 2.2 ppm.

Additional soil was excavated from beneath the dispenser represented by sample P3 due to the MtBE detected here. The excavated area was limited to approximately 5 feet in depth so as to protect the integrity of the canopy column footings. No additional sampling was requested. All of the excavated soils were transported by Allwaste Transportation and Remediation, Inc. to Browning-Ferris Industries (BFI) Landfill in Livermore for disposal.

It appears that there has been minimal impact from petroleum hydrocarbons at this site and no further action is proposed. If you have any questions or comments call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

cc. Mr. Bill Scudder, Chevron

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

INVOICE

ALLWASTE TRANSPORTATION
P.O. BOX 150
12475 LLAGAS AVENUE
SAN MARTIN CA 95046
800-321-1030

INV NO: 016412-00
DATE: 06/24/97
CUSTOMER REF #: PHIL BRIGGS
PO #: 9072072
CONT/TRAILER #:

SAN MARTIN TRANSPORTATION (01)

BILL TO: CHEVRON USA (00169)
ATTN: PHIL BRIGGS
6001 BOLLINGER CANYON ROAD #L
SAN RAMON CA 94583-0804

SHIP DATE: 06/16/97
DELIVERY DATE: 06/16/97

SHIPPER: CHEVRON-91924-HWY 84-LIVERMORE (91924)
1ST ST AND FRONT
LIVERMORE CA

CONSIGNEE: BFI VASCO RD. (BFI)
4001 N. VASCO RD.
VASCO ROAD
LIVERMORE CA

	QUANTITY	DESCRIPTION	ACTUAL WT	BILL UNITS	BILL RATE		BILL AMOUNT
01)		S/O #9072072 (ATTN: PHIL BRIGGS) 2202810					
02)	LOAD AT: 91924	CHEVRON-91924-HWY 84-LIVERMORE LIVERMORE					
03)	DROP AT: BFI	BFI VASCO RD. LIVERMORE					
04)		PLEASE REFER TO ATTACHMENTS FOR COMPLETE					
05)		ITEMIZATION OF CHARGES					
06)		BILLED ON TONNAGE		200.32	5.68	/Ton	1,137.82
07)		ALLWASTE THANKS YOU FOR YOUR BUSINESS					

PLEASE REMIT PAYMENT TO LOCK BOX
FILE NUMBER 54079
LOS ANGELES, CA 90074-4079

DMS 10091924

75100100

APPROVED BY P. R. BRIGGS

NET 30 DAYS, PLEASE REMIT PAYMENTS TO OUR LOCKBOX
BULK SOIL : 1 TRUCK ALL DAY

TOTAL WEIGHT: 0

TOTAL DUE: 1,137.82

▲ Environmental Services
▲ Hazardous Waste Transportation
▲ Hazardous Materials Management
▲ General Engineering Construction

allwaste

Allwaste Transportation & Remediation, Inc.
- Formerly known as STAMCO, Inc.
P.O. Box 150 • San Martin, CA 95046
408 / 683-0447

40065

J.R. NO.: 016412-00

DATE: 6-16-97

SHIPPER: Chevron	CONSIGNEE: BFI
ADDRESS: 1st + Front St	ADDRESS: 40DIN Vasco Rd
CITY: Livermore Calif	CITY: Livermore Calif
CONTACT:	CONTACT:
CUST. PHONE:	CUST. PHONE:

SPECIAL EQUIP. INSTRUCTIONS: (FORKLIFT, PLACARDS, ADD'L STOPS, ETC.)

MANIFEST NO.

QTY.	HAZ	DESCRIPTION	WT	HRS	MILES	RATE	AMOUNT
8		Lowis Non Hazardous Waste "solids"	S/O # 907072				
			Phil Suaza				
				226.32	@	5.68	1132.82
		Station # 9-1924					
		BIN INFORMATION: Dropped Off / Picked Up					

DRIVER NAME: Wilbert Longo

TRK NO.: 2969

TLR NO.: 41

BEGINNING TIME: 7 PM 6-13-97 6-16-97

LOADING TIME: (START) _____ (STOP) _____

UNLOADING TIME: (START) _____ (STOP) 2 PM 6-16-97

ENDING TIME: 3 PM 6-16-97

SIGNATURE:

RECEIVED BY:

TERMS: Net 30 days. Consignee to pay any legal fees for collection of delinquent accounts, plus the legal rate of interest of 1½% per month or 18% per year will be charged for all past due accounts. We make all deliveries inside curb and on lot at customer's risk only and accept no responsibility for damages resulting from such deliveries. Claims for short or damage or overcharge must be filed with this receipt within 10 days.

01/01

Touchstone Developments
Environmental Management

Product Piping Removal
Soil Sampling Report

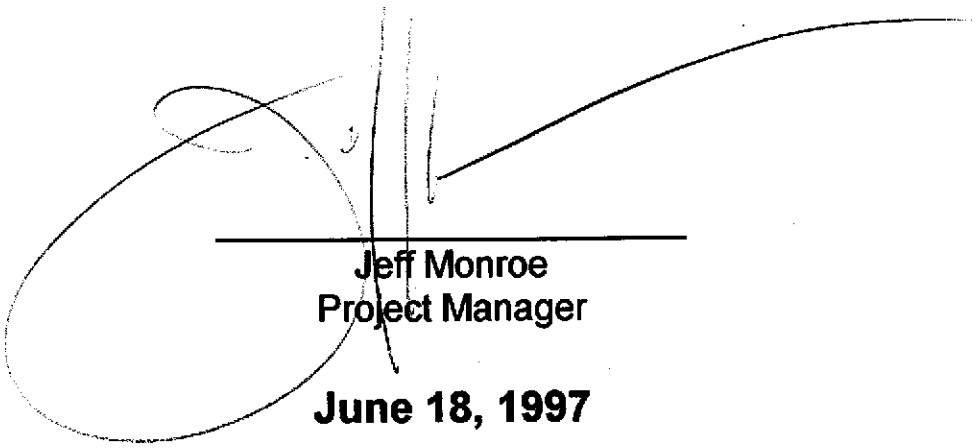
Service Station Number 9-1924
4904 Southfront Street
Livermore, California

prepared for

Chevron Products Company
6001 Bollinger Canyon Road
San Ramon, California

prepared by

Touchstone Developments



Jeff Monroe
Project Manager

June 18, 1997

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 product dispensers with associated piping and compliance sampling at Chevron Station number 9-1924 located on 4904 Southfront Street, Livermore, California (Figure 1). In addition, this report documents the disposal of soil generated at this location during product dispenser and piping replacement activities. Soil samples collected from beneath the dispensers and soil stockpiles was performed on June 5, 1997.

SITE CONDITIONS

The site is located at the junction of Southfront and First Street in Livermore, California. The site is surrounded by commercial properties. Facilities at this service station site consist of three 10,000-gallon double wall fiberglass gasoline underground storage tanks (USTs), associated product piping, two dispenser islands, and a station building.

Groundwater was not encountered in the piping trench excavations.

SERVICE STATION FIELD ACTIVITIES

Product piping/dispenser removal and replacement, excavation, and backfill were performed by Armer/Norman and Associates of Walnut Creek, California. A Touchstone representative was on-site to collect soil samples from the trench excavations and soil stockpiles. Trench sampling was observed and directed by Robert Weston, a representative of Alameda County Health Agency, Division of Environmental Protection. Phil Briggs representing Chevron Products Company was also on-site to observe sampling. Transportation and disposal of product piping was accomplished by Erickson, Inc. of Richmond, California.

Product Piping Sampling

After single walled fiberglass piping and product dispensers were removed, soil samples were then collected. Soil samples designated P1 through P4 were collected on June 5, 1997 from beneath the dispensers at depths of approximately 3 to 3.5 feet below grade surface (bgs).

On June 9, 1997 additional soil was excavated from beneath the dispenser initially represented by sample P3. Excavation measured approximately 4 feet by 4 feet by 5 feet in depth. This was performed at the request of Alameda County's representative Eva Chu. No additional sampling was requested. Soil sample locations are shown on Figure 2. Soil sample depths and analytical results are summarized in Table A.

STOCKPILE SAMPLING AND DISPOSAL

Soil stockpile samples PSP-1(a-d) represent approximately 80 cubic yards (cy) of soil and peagravel excavated to remove product piping and dispensers on-site. A soil sample was collected for approximately every 20 cy of excavated material. Four samples were then composited in the laboratory and analyzed as one to represent the stockpile of approximately 80 cy. The stockpiles were transported by Allwaste Transportation and Remediation, Inc. (Allwaste) during June 1997 to Browning-Ferris Industries' (BFI) Landfill located in Livermore, California. Soil stockpile location and samples are shown on Figure 2 and soil stockpile sample analytical results are summarized in Table A.

SAMPLING PROTOCOL

Soil samples were collected by pushing a clean, laboratory supplied, 4 ounce sampling jar into the soil until completely full. The end of the sample jars were sealed with teflon lined 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 Walnut Creek, California.

Stockpile Sampling

Soil samples were collected for approximately every 20 cy of material generated at the site. The stockpile sample was collected by removing the top 6 to 12 inches of soil, then pushing a sample tube into the soil until completely full. The sample was sealed, labeled and handled as described above.

SAMPLE ANALYSIS

Soil samples collected from the product piping trenches and associated stockpiles were analyzed for Total Petroleum Hydrocarbons (TPH) calculated as gasoline according to EPA Method 8015 (Modified), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) and Methyl t-Butyl Ether (MTBE) according to EPA Method 8020, Total Lead according to EPA SW-846 6010. The stockpile sample was additionally analyzed for Volatile Organic Compounds according to EPA Method 8010 and STLC for Lead. Copies of the analytical laboratory reports and Chain-of-Custody forms are presented in Appendix A.

List of Attachments

Table A: Sample Analytical Data Summary
Figure 1: Site Plan
Figure 2: Site Plan with Sample Locations
Appendix A: Certified Analytical Reports and Chain-of-Custody forms

TABLE A
Sample Analytical Summary
Results in mg/Kg (ppm) unless noted

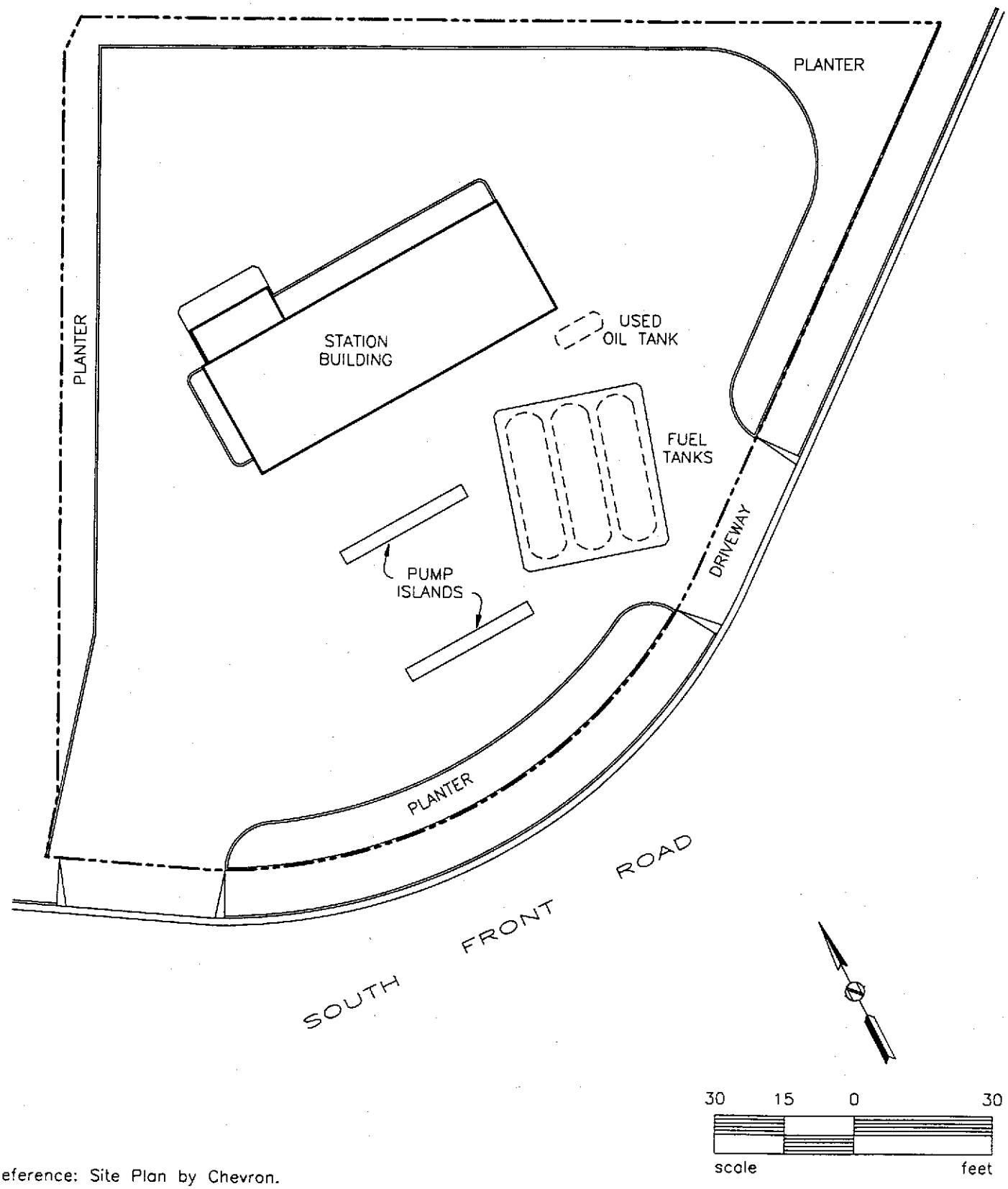
PRODUCT TRENCH SAMPLES

Sample ID	Date Sampled	Depth (ft.)	TPH-Gas	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
P1	6-5-97	3	ND	ND	ND	ND	0.0057	0.35	72
P2	6-5-97	3.5	2.1	ND	0.021	0.023	0.19	0.27	64
P3	6-5-97	3	ND	ND	ND	ND	ND	2.2	61
P4	6-5-97	3	1.5	ND	ND	0.016	0.047	0.38	79

PIPING SAMPLES

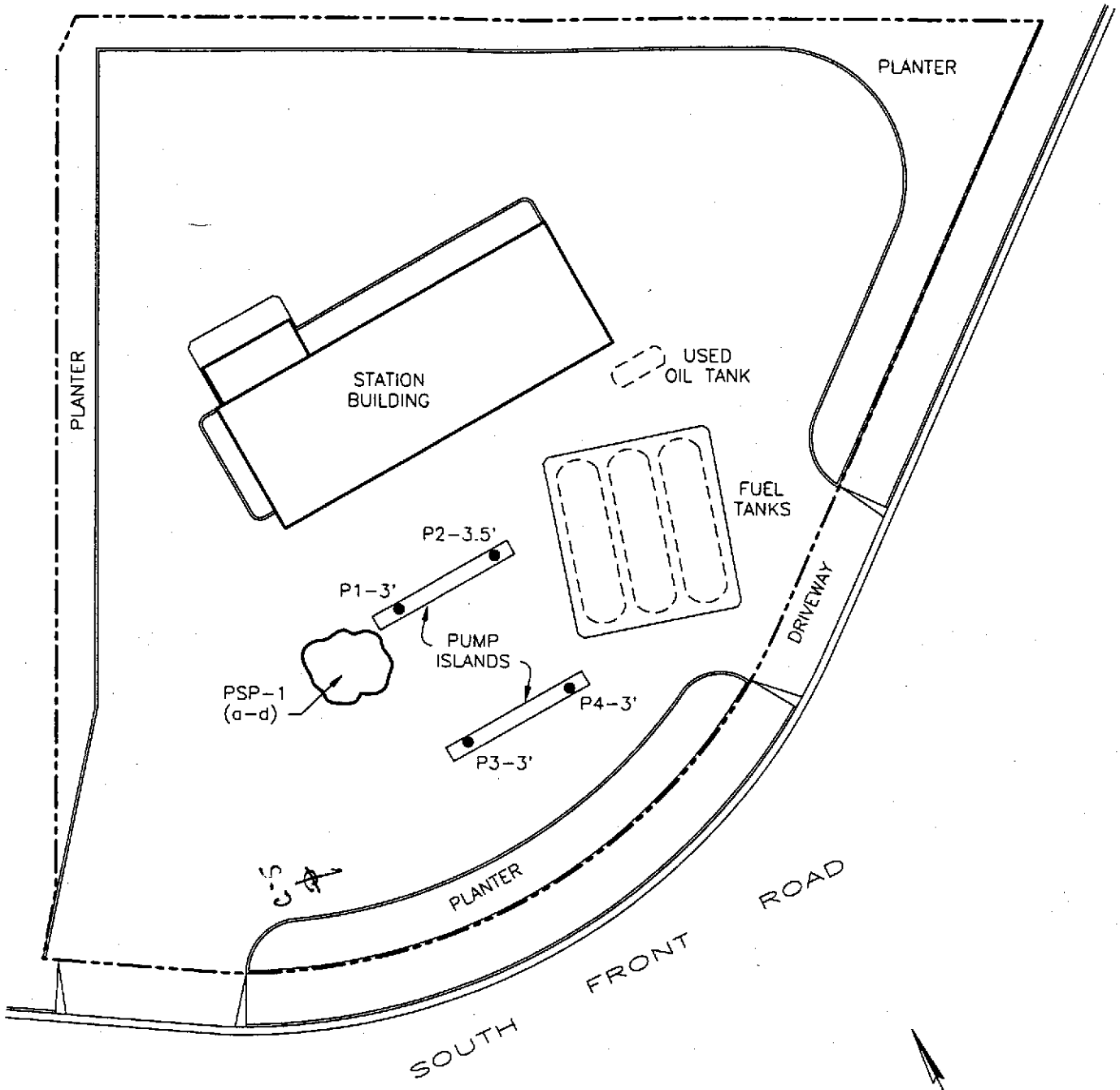
Sample ID	Date Sampled	TPH-Gas	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	8010	Lead	STLC Lead
PSP-1 (a-d)	6-5-97	64	ND	ND	0.55	2.8	ND	ND	58	0.22

ND = Not Detected at or above lab detection limits
MTBE = Methyl-Tert-Butyl-Ether
TPH = Total Petroleum Hydrocarbons
ppm = parts per million



Reference: Site Plan by Chevron.

Touchstone Developments Environmental Management	Job. No: 97-1924 Appr: Drwn: CD Date: JUN 1997	SITE PLAN Chevron Station #9-1924 4904 South Front Street Livermore, California	FIGURE 1



EXPLANATION

● P1 SAMPLE ID & LOCATION

STOCKPILE

30 15 0 30

scale feet

Reference: Site Plan by Chevron.

Touchstone Developments Environmental Management	Job. No: 97-1924 Appr: Drwn: CD Date: JUN 1997	SITE PLAN W/SAMPLE LOCATIONS Chevron Station #9-1924 4904 South Front Street Livermore, California	FIGURE 2

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 Snta Rsa	Client Project ID:	Chevron #9-1924	Sampled: Jun 5, 1997
P.O. Box 2554	Sample Matrix:	Soil	Received: Jun 5, 1997
Santa Rosa, CA 95405	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Jun 6, 1997
Attention: Jeff Monroe	First Sample #:	706-0298	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 706-0298 P1-3	Sample I.D. 706-0299 P2-3.5	Sample I.D. 706-0300 P3-3	Sample I.D. 706-0301 P4-3	Sample I.D. 706-0302 PSP-1 (a-d) *
QC Batch Number:		SP060597 8020EXA	SP060597 8020EXA	SP060597 8020EXA	SP060597 8020EXA	SP060597 8020EXA
Purgeable Hydrocarbons	1.0	N.D.	2.1	N.D.	1.5	64
Benzene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	0.0050	N.D.	0.021	N.D.	N.D.	N.D.
Ethyl Benzene	0.0050	N.D.	0.023	N.D.	0.016	0.55
Total Xylenes	0.0050	0.0057	0.19	N.D.	0.047	2.8
MTBE	0.050	0.35	0.27	2.2	0.38	N.D.
Chromatogram Pattern:		--	Gasoline & Discrete Peaks	--	Gasoline & Discrete Peaks	Gasoline & Unidentified Hydrocarbons >C8
Quality Control Data						
Report Limit Multiplication Factor:		1.0	1.0	1.0	1.0	50
Date Analyzed:		6/5/97	6/5/97	6/5/97	6/5/97	6/6/97
Instrument Identification:		HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)		86	89	85	78	300

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer
Client Services Representative

Please Note:
* Surrogate recovery is above the upper control limits due to sample coelution.

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 Snta Rsa	Client Project ID:	Chevron #9-1924	Sampled:	Jun 5, 1997
P.O. Box 2554	Sample Descript:	Soil, PSP-1 (a-d)	Received:	Jun 5, 1997
Santa Rosa, CA 95405	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 5, 1997
Attention: Jeff Monroe	Lab Number:	706-0302	Reported:	Jun 9, 1997

QC Batch Number: SP0612978010EXA

Instrument ID: HP-7

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	10	N.D.
trans-1,2-Dichloroethene	10	N.D.
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

Surrogates	Control Limit %		% Recovery
Dibromodifluoromethane	50	150	88
4-Bromofluorobenzene	50	150	103

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

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

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 Snta Rsa	Client Project ID:	Chevron #9-1924	Sampled:	Jun 5, 1997
P.O. Box 2554	Sample Descript:	Soil	Received:	Jun 5, 1997
Santa Rosa, CA 95405	Analysis for:	Lead	Digested:	Jun 6, 1997
Attention: Jeff Monroe	First Sample #:	706-0298	Analyzed:	Jun 6, 1997
			Reported:	Jun 6, 1997

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg	QC Batch Number	Instrument ID
706-0298	P1-3	1.0	72	ME0606976010MDA	MV-4
706-0299	P2-3.5	1.0	64	ME0606976010MDA	MV-4
706-0300	P3-3	1.0	61	ME0606976010MDA	MV-4
706-0301	P4-3	1.0	79	ME0606976010MDA	MV-4
706-0302	PSP-1 (a-d)	1.0	58	ME0606976010MDA	MV-4

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

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

7060298.TOU <3>

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 Snta Rsa
P.O. Box 2554
Santa Rosa, CA 95405
Attention: Jeff Monroe

Client Project ID: Chevron #9-1924
Matrix: Solid
QC Sample Group: 7060298-302

Reported: Jun 18, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	SP060597	SP060597	SP060597	SP060597
	8020EXA	8020EXA	8020EXA	8020EXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	7060248	7060248	7060248	7060248
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	6/5/97	6/5/97	6/5/97	6/5/97
Analyzed Date:	6/6/97	6/6/97	6/6/97	6/6/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg
Result:	0.59	0.61	0.60	1.9
MS % Recovery:	148	153	150	158
Dup. Result:	0.59	0.62	0.61	1.9
MSD % Recov.:	148	155	153	158
RPD:	0.0	1.6	1.7	0.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	4LCS060697	4LCS060697	4LCS060697	4LCS060697
Prepared Date:	6/6/97	6/6/97	6/6/97	6/6/97
Analyzed Date:	6/6/97	6/6/97	6/6/97	6/6/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	19	19	19	59
LCS % Recov.:	95	95	95	98

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

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

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

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

Sequoia Analytical

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

Touchstone Development Snta Rsa
P.O. Box 2554
Santa Rosa, CA 95405
Attention: Jeff Monroe

Client Project ID: Chevron #9-1924
Matrix: Solid
QC Sample Group: 7060298-302
Reported: Jun 18, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	SP060597	SP060597	SP060597	SP060597
	8020EXA	8020EXA	8020EXA	8020EXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	7060248	7060248	7060248	7060248
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	-	-	-	-
Result:	-	-	-	-
MS % Recovery:	-	-	-	-
Dup. Result:	-	-	-	-
MSD % Recov.:	-	-	-	-
RPD:	-	-	-	-
RPD Limit:	0-25	0-25	0-25	0-25
LCS #:	4LCS060597	4LCS060597	4LCS060597	4LCS060597
Prepared Date:	6/5/97	6/5/97	6/5/97	6/5/97
Analyzed Date:	6/5/97	6/5/97	6/5/97	6/5/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	16	17	16	51
LCS % Recov.:	80	85	80	85
MS/MSD LCS Control Limits	60-140	60-140	60-140	60-140

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

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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Touchstone Development Snta Rsa
P.O. Box 2554
Santa Rosa, CA 95405
Attention: Jeff Monroe

Client Project ID: Chevron #9-1924
Matrix: Solid
QC Sample Group: 7060298-302

Reported: Jun 19, 1997

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Lead
QC Batch#:	SP061297	SP061297	SP061297	ME060697
Analy. Method:	8010EXA EPA 8010	8010EXA EPA 8010	8010EXA EPA 8010	6010MDA EPA 6010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 3050
Analyst:	K. Nill	K. Nill	K. Nill	J. Kelly
MS/MSD #:	7060302	7060302	7060302	7060298
Sample Conc.:	N.D.	N.D.	N.D.	72 mg/kg
Prepared Date:	6/5/97	6/5/97	6/5/97	6/6/97
Analyzed Date:	6/12/97	6/12/97	6/12/97	6/6/97
Instrument I.D.#:	HP-7	HP-7	HP-7	MV-4
Conc. Spiked:	200 µg/Kg	200 µg/Kg	200 µg/Kg	50 mg/kg
Result:	120	190	170	100
MS % Recovery:	60	95	85	56
Dup. Result:	140	240	190	110
MSD % Recov.:	70	120	95	76
RPD:	15	23	11	9.5
RPD Limit:	0-25	0-25	0-25	0-20

LCS #:	LCS060597	LCS060597	LCS060597	LCS060697
Prepared Date:	6/5/97	6/5/97	6/5/97	6/6/97
Analyzed Date:	6/5/97	6/5/97	6/5/97	6/6/97
Instrument I.D.#:	HP-7	HP-7	HP-7	MV-4
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	50 mg/kg
LCS Result:	7.4	10	8.8	47
LCS % Recov.:	74	100	88	94

MS/MSD LCS Control Limits	65-135	70-130	70-130	80-120

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer
Client Services Representative

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 97060860

Chain-of-Custody-Record

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

Chevron Facility Number 9-1924
Facility Address 4924 Southfront St, Livermore
Consultant Project Number 924-1
Consultant Name Fredericks Development
Address P.O. Box 2534 Santa Rosa CA
Project Contact (Name) Jeff Monroe
(Phone) 538-8811 (Fax Number) 538-8812

Chevron Contact (Name) Tony Quijada
(Phone) 510 842 9500
Laboratory Name Sequoia
Laboratory Release Number
Samples Collected by (Name) Jeff Monroe
Collection Date 6-5-97
Signature

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) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	TOTLO				Remarks
P1-3		1	S	D	1:20		Yes	X								X	7060298			
P2-3.5		1		D	1:23												7060299			
P3-3		1		D	1:25												7060300			
P4-3		1		D	1:30												7060301			
WSP-Lead		4	V	C	1:35		V	V			X					V	7060302	A-D		

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Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
		6/5/97			
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 1535 6/5/97

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 Development Snta Rsa	Client Project ID:	Chevron #9-1924	Sampled:	Jun 5, 1997
P.O. Box 2554	Sample Descript:	STLC extract of Soil	Relogged:	Jun 6, 1997
Santa Rosa, CA 95405	Analysis for:	Lead	Digested:	Jun 9, 1997
Attention: Jeff Monroe	First Sample #:	706-0302	Analyzed:	Jun 11, 1997
			Reported:	Jun 11, 1997

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
706-0302	PSP-1 a-d	0.020	0.22	ME060997STLCMDA	MV-3

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

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

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Sequoia Analytical

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

Touchstone Development Snta Rsa
P.O. Box 2554
Santa Rosa, CA 95405
Attention: Jeff Monroe

Client Project ID: Chevron #9-1924
Matrix: STLC extract
QC Sample Group: 7060302

Reported: Jun 11, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Lead
QC Batch#:	ME060997
	STLCMDA
Analy. Method:	EPA 200.7
Prep. Method:	EPA 200.7
Analyst:	J. Kelly
MS/MSD #:	7060407
Sample Conc.:	0.22 mg/L
Prepared Date:	6/9/97
Analyzed Date:	6/10/97
Instrument I.D.#:	MV-3
Conc. Spiked:	2.0 mg/L
Result:	2.2
MS % Recovery:	99
Dup. Result:	2.2
MSD % Recov.:	99
RPD:	0.0
RPD Limit:	0-20

LCS #:	LCS060997
Prepared Date:	6/9/97
Analyzed Date:	6/10/97
Instrument I.D.#:	MV-3
Conc. Spiked:	1.0 mg/L
LCS Result:	1.1
LCS % Recov.:	110

MS/MSD LCS Control Limits	80-120

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

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

REQUEST TO RELOG SAMPLES

(Please submit to sample control with a copy of the COC)

CLIENT: Touchstone Dev. MATRIX: Soil

PREVIOUSLY LOGGED SAMPLES

☐ TAT Change status to: <48-72hr

Change status as of Day: 6/6/97 Time: 1700

☐ CHANGE ANALYSES

Add Analyses ☒ Cancel Analyses ☐

Sequoia Project ID: 9706086

Sample Number	Analyses
7060302	STLC Lead 7060407 A-D

SAMPLES ON HOLD

Sample Description	Analyses

Client Authorization (Person/Date/Time): Jeff Monroe 6/6/97 1700

Project Manager: Melissa Brewer

Send EDD of Lab Report and COC to Chevron Contact: ☐ No [illegible]

Chain-of-Custody-Record

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

Chevron Facility Number: 9-1924
Facility Address: 4924 Southfront St, [illegible]
Consultant Project Number: 924-1
Consultant Name: Rockton Development
Address: PO Box 2554 Santa Rosa CA
Project Contact (Name): Jeff Monroe
(Phone) 538-8717 (Fax Number) 538-8812

Chevron Contact (Name): Tom Driscoll
(Phone) 510/842-9500
Laboratory Name: Sequoia
Laboratory Release Number:
Samples Collected by (Name): Jeff Monroe
Collection Date: 6-5-97
Signature:

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)	TCLP				Remarks
P1-3		1	S	D	1:20		Yes	X								X	7060298			
P2-3.5		1		D	1:25												7060299			
P3-3		1		D	1:25												7060300			
P4-3		1		D	1:30												7060301			
PSP-Lead		4	V	C	1:35		V	V			X					V	7060302	A-D		

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Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
	TD	6/5/97				24 Hrs.
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	48 Hrs.
						5 Days
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time 1535 6/5/97	10 Days
						As Contracted