Chevron

~~FACSIMILE~~ MESSAGE

93 SEP 29 AM 11:31

CHEVRON U.S.A. PRODUCTS COMPANY
Northwest Region
Marketing Department SR-2410 Camino Ramon

Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804
(Street Address: 2410 Camino Ramon)

Reply by Facsimile: (510) 842-8252

Date: SEPTEMBER 28, 1993

To: JULIET SHIN Fax Number: _____
ACHCS

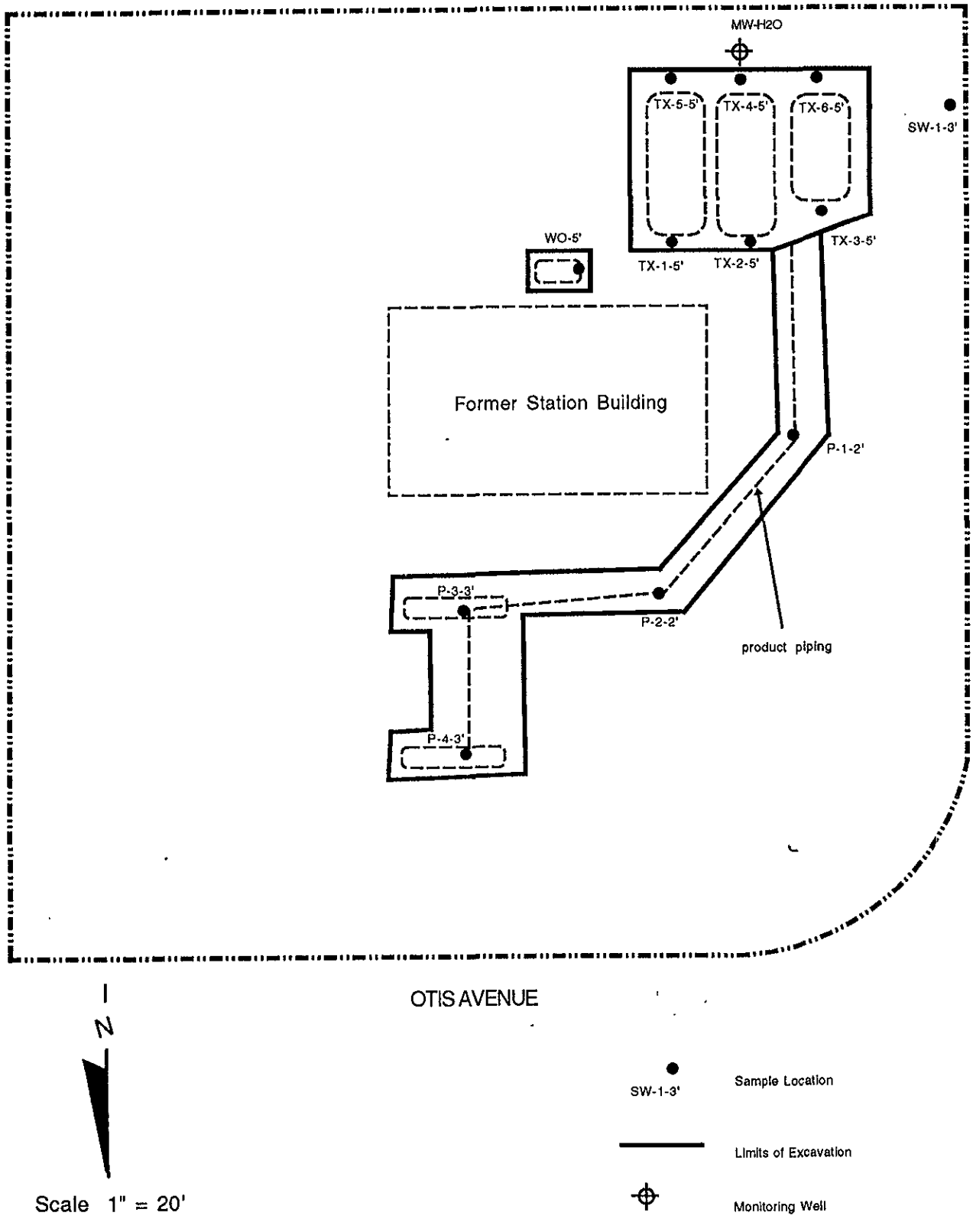
From: Mark A. Miller Phone No.: (510) 842-8134
Site Assessment and Remediation Engineer

Subject: FORMER CHEVRON SS# 9-0191
900 OTIS DRIVE, ALAMEDA, CA

Comments:

HERE'S THE DATA & SITE PLAN FROM THE TANK REMOVAL AT THIS SITE. I'VE GOT THE OVEREXCAVATION AND AERATION SAMPLING DATA IN ITS RAW FORM AS WELL. WE'LL SUBMIT THE ADDITIONAL DATA WITH THE EXCAVATION REPORT AS IT'S RATHER CONFUSING UNTIL PRESENTED IN TABLE FORM.

NUMBER OF PAGES INCLUDING COVER SHEET 17



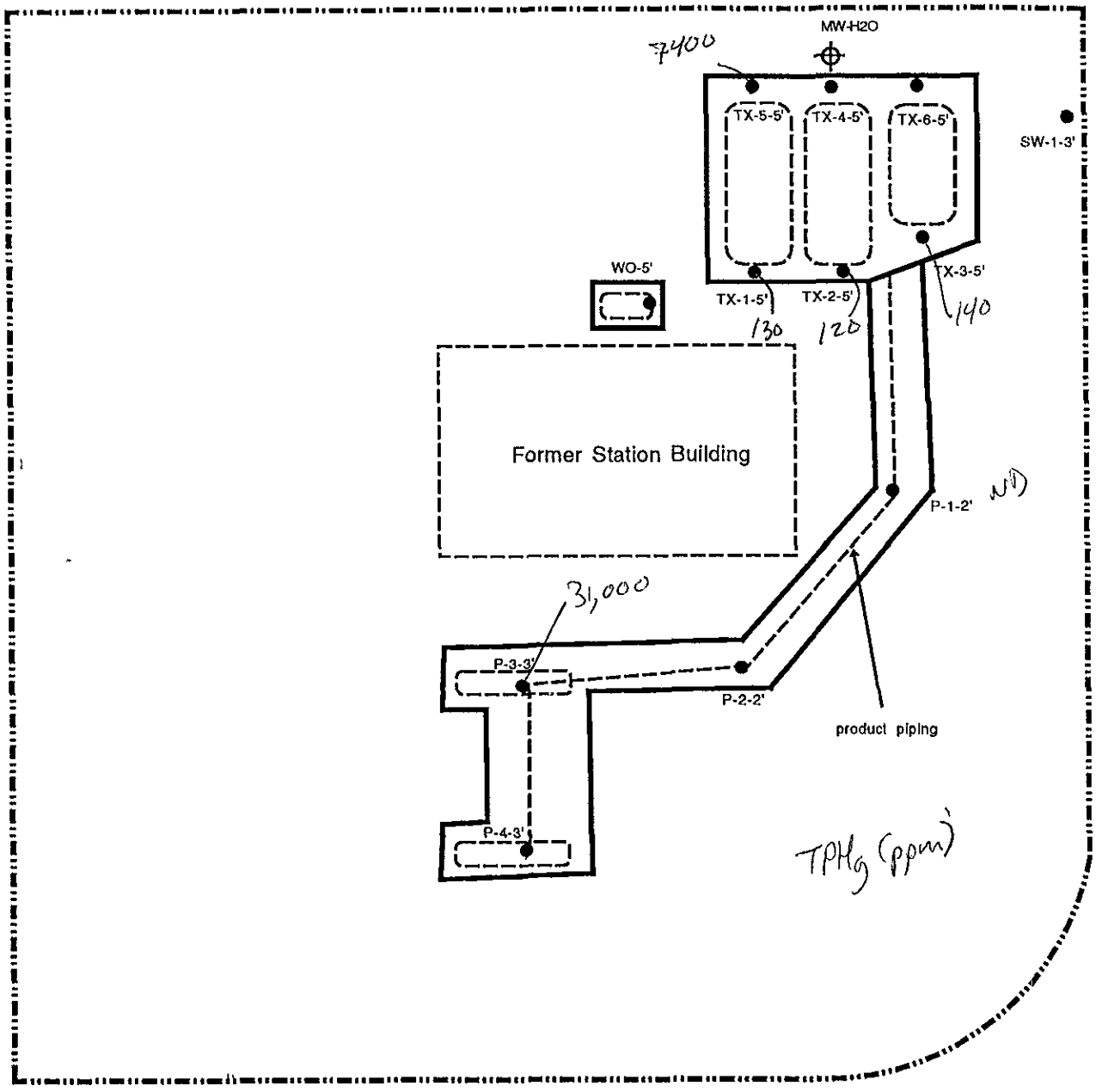
Touchstone Developments
Environmental Management

Site Plan with Sample Locations
Former Cevron Service Station 9-0191
900 Otis Avenue
Alameda, California

Figure 2

5-20-93	mjt

Project Number 0191-1



Scale 1" = 20'

Touchstone Developments
Environmental Management

Site Plan with Sample Locations
Former Cevron Service Station 9-0191
900 Otis Avenue
Alameda, California

Figure 2

5-20-93 | mjt

Project Number 0191-1

Superior Precision Analytical, Inc.
1555 Burke, Unit I ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

Touchstone Developments
Attn: MICHAEL TAMBRONI

Project 0191-1
Reported 05/25/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
14431- 1	MW-H2O	05/18/93	05/20/93	Water
14431- 2	TX-1-5'	05/18/93	05/25/93	Soil
14431- 3	TX-2-5'	05/18/93	05/25/93	Soil
14431- 4	TX-3-5'	05/18/93	05/21/93	Soil
14431- 5	TX-4-5'	05/18/93	05/24/93	Soil
14431- 6	TX-5-5'	05/18/93	05/24/93	Soil
14431- 7	TX-6-5'	05/18/93	05/25/93	Soil
14431- 8	P-1-2'	05/18/93	05/19/93	Soil
14431- 9	P-2-3'	05/18/93	05/19/93	Soil
14431-10	P-3-3'	05/18/93	05/19/93	Soil

RESULTS OF ANALYSIS

Laboratory Number:	14431- 1	14431- 2	14431- 3	14431- 4	14431- 5
Gasoline:	10000	130	120	140	1
Benzene:	560	ND<0.25	0.085	ND<.025	0.053
Toluene:	230	0.47	0.50	0.78	0.056
Ethyl Benzene:	720	0.60	0.58	1.1	0.054
Xylenes:	1000	4.9	4.5	9.9	0.12
Diesel:	NA	NA	NA	NA	NA
Oil and Grease:	NA	NA	NA	NA	NA
Concentration:	ug/L	mg/kg	mg/kg	mg/kg	mg/kg

Laboratory Number:	14431- 6	14431- 7	14431- 8	14431- 9	14431-10
Gasoline:	7400	ND<1	ND<1	3	31000
Benzene:	3.1	0.031	ND<.005	ND<.005	220
Toluene:	160	0.010	ND<.005	0.006	1600
Ethyl Benzene:	68	0.021	ND<.005	0.067	480
Xylenes:	940	0.031	ND<.015	0.26	3100
Diesel:	NA	NA	NA	NA	NA
Oil and Grease:	NA	NA	NA	NA	NA
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

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Touchstone Developments
Attn: MICHAEL TAMBRONI

Project 0191-1
Reported 05/25/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
14431-11	P-4-3'	05/18/93	05/19/93	Soil
14431-12	WO-5'	05/18/93	05/24/93	Soil
14431-13	SW-1-3'	05/18/93	05/19/93	Soil

RESULTS OF ANALYSIS

Laboratory Number:	14431-11	14431-12	14431-13
Gasoline:	4	ND<1	14
Benzene:	ND<.005	ND<.005	0.067
Toluene:	0.016	ND<.005	0.51
Ethyl Benzene:	0.095	ND<.005	0.20
Xylenes:	0.050	ND<.015	2.1
Diesel:	NA	ND<1	NA
Oil and Grease:	NA	ND<50	NA
Concentration:	mg/kg	mg/kg	mg/kg

Superior Precision Analytical, Inc.
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C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

QA/QC INFORMATION
SET: 14431

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 1mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	98/98	0%	74-106
Benzene:	102/98	4%	72-105
Toluene:	101/98	3%	75-111
Ethyl Benzene:	102/99	3%	78-110
Xylenes:	102/99	3%	69-117
Diesel:	101/94	7%	69-127
Oil and Grease:	84/84	0%	56-132

Richard Srna, Ph.D.
Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 14431-12
CLIENT: TOUCHSTONE DEVELOPMENTS
JOB NO.: 0191-1

DATE SAMPLED: 05/18/93
DATE RECEIVED: 05/18/93
DATE ANALYZED: 05/19/93

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: WO-5'

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	20	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
cis-1,2-Dichloroethene	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD =<15%
MS/MSD average recovery = 97 % :MS/MSD RPD = 4 %

Richard Srna, Ph.D.

Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 14431-12
CLIENT: TOUCHSTONE DEVELOPMENT

DATE RECEIVED: 05/18/93
DATE REPORTED: 05/25/93
JOB NO.: 0191-1

ANALYSIS FOR BASE/NEUTRAL and ACID EXTRACTABLES
by EPA SW-846 Method 8270
Extraction Method: EPA 3550
Sample Identification: WO-5'

Analyte	Result (ug/Kg)	Quantitation Limit (ug/Kg)
Acenaphthene	ND	330
Acenaphthylene	ND	330
Aniline	ND	330
Anthracene	ND	330
Benzo(a)anthracene	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(ghi)perylene	ND	330
Benzo(a)pyrene	ND	330
Benzidine	ND	1600
Butyl benzyl phthalate	ND	330
Bis(2-chloroethoxy)methane	ND	330
Bis(2-chloroethyl)ether	ND	330
Bis (2-chloroisopropyl) ether	ND	330
Bis (2-ethylhexyl) phthalate	ND	2000
4-Bromophenyl phenyl ether	ND	330
4-Chloroanaline	ND	330
2-chloronaphthalene	ND	330
4-chlorophenyl phenyl ether	ND	330
Chrysene	ND	330
Dibenzo(a,h)anthracene	ND	330
Dibenzofuran	ND	330
Di-n-butyl phthalate	ND	2100
1,2-Dichlorobenzene	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
3,3'-Dichlorobenzidine	ND	660
Diethylphthalate	ND	330
Dimethyl phthalate	ND	330
2,4-Dinitrotoluene	ND	330
2,6-Dinitrotoluene	ND	330
Di-n-octylphthalate	ND	2100
Fluoranthene	ND	330

Superior Precision Analytical, Inc.
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 Sample# SOIL LAB BLANK

8270 Certificate

Analyte	Result (ug/kg)	Quantitation Limit (ug/kg)
Fluorene	ND	330
Hexachlorobenzene	ND	330
Hexachlorobutadiene	ND	330
Hexachlorocyclopentadiene	ND	330
Hexachloroethane	ND	330
Indeno(1,2,3-cd) pyrene	ND	330
Isophorone	ND	330
2-Methylnaphthalene	ND	330
2-Nitroanaline	ND	1600
3-Nitroanaline	ND	1600
4-Nitroanaline	ND	1600
Naphthalene	ND	330
Nitrobenzene	ND	330
N-Nitrosodi-n-propylamine	ND	330
N-Nitrosodiphenylamine	ND	330
Phenanthrene	ND	330
Pyrene	ND	330
1,2,4-Trichlorobenzene	ND	330
ACID EXTRACTABLES		
Benzoic acid	ND	1600
Benzyl alcohol	ND	330
4-Chloro-3-methylphenol	ND	330
2-Chlorophenol	ND	330
2,4-Dichlorophenol	ND	330
2,4-Dimethylphenol	ND	330
2,4-Dinitrophenol	ND	1600
2-Methyl-4,6-dinitrophenol	ND	1600
2-Methylphenol	ND	330
4-Methylphenol	ND	330
4-Nitrophenol	ND	1600
2-Nitrophenol	ND	1600
Pentachlorophenol	ND	1600
Phenol	ND	330
2,4,5 Trichlorophenol	ND	1600
2,4,6-Trichlorophenol	ND	330

ND = Not detected ug/kg = part per billion (ppb)

QC DATA :

Surrogate Recoveries	QC Limits	Surrogate Recoveries	QC Limits
Nitrobenzene-d5	83 (23-120)	Phenol-d5	83 (24-113)
2-Fluorobiphenyl	92 (30-115)	2-Fluorophenol	88 (25-121)
Terphenyl-d14	124(18-137)	2,4,6-Tribromophenol	85 (19-122)

Richard Srna, Ph.D.

Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 14431
CLIENT: TOUCHSTONE DEVELOPMENTS

DATE RECEIVED: NA
DATE REPORTED: 05/25/93
JOB NO.: 0191-1

ANALYSIS FOR BASE/NEUTRAL and ACID EXTRACTABLES
by EPA SW-846 Method 8270
Extraction Method: EPA 3550
Sample Identification: SOIL LAB BLANK

Analyte	Result (ug/kg)	Quantitation Limit (ug/kg)
Acenaphthene	ND	330
Acenaphthylene	ND	330
Aniline	ND	330
Anthracene	ND	330
Benzo(a)anthracene	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(ghi)perylene	ND	330
Benzo(a)pyrene	ND	330
Benzidine	ND	1600
Butyl benzyl phthalate	ND	330
Bis(2-chloroethoxy)methane	ND	330
Bis(2-chloroethyl)ether	ND	330
Bis (2-chloroisopropyl) ether	ND	330
Bis (2-ethylhexyl) phthalate	ND	2000
4-Bromophenyl phenyl ether	ND	330
4-Chloroanaline	ND	330
2-chloronaphthalene	ND	330
4-chlorophenyl phenyl ether	ND	330
Chrysene	ND	330
Dibenzo(a,h)anthracene	ND	330
Dibenzofuran	ND	330
Di-n-butyl phthalate	ND	2100
1,2-Dichlorobenzene	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
3,3'-Dichlorobenzidine	ND	660
Diethylphthalate	ND	330
Dimethyl phthalate	ND	330
2,4-Dinitrotoluene	ND	330
2,6-Dinitrotoluene	ND	330
Di-n-octylphthalate	ND	330
Fluoranthene	ND	330

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.:14431
CLIENT: TOUCHSTONE DEVELOPMENTS

DATE RECEIVED: NA
DATE REPORTED: 05/25/93
JOB NO.: 0191-1

ANALYSIS FOR BASE/NEUTRAL and ACID EXTRACTABLES
by EPA SW-846 Method 8270
Extraction Method: EPA 3550
MATRIX SPIKE SUMMARY REPORT

Sample Identification: SOIL LAB CONTROL

Date analysed: 24 May 1993 7:42 PM and 8:54 PM

SURROGATE COMPOUND RECOVERIES

Spiked at 100ug/L final for base neutrals and 200 ug/L for Acid Surrogates

	MS % RECOVERY	MSD % RECOVERY
2-Fluorophenol	86	85
Phenol-d5	86	84
Nitro henobenzene-d5	87	87
2-Fluorobiphenyl	94	93
2,4,6-Tribromophenol	94	93
Terphenyl-d14	119	126

MATRIX SPIKE/SPIKE DUPLICATE RECOVERIES

	MS% REC.	MSD % REC.	RPD	LIMITS RECOVERY	LIMITS RPD
1,4-Dichlorobenzene	75	73	14	28-104	27
n-Nitroso-di-n-propylamine	67	64	2	41-126	38
1,2,4-Trichlorobenzene	77	76	7	38-107	23
Acenaphthene	85	81	5	31-137	19
2,4-Dinitrotoluene	64	62	5	28-89	47
Pyrene	104	106	5	35-142	36
Phenol	72	70	10	26-90	35
4-Nitrophenol	34	53	9	11-114	50
2-Chlorophenol	74	70	11	25-102	50
4-Chloro-3-methylphenol	66	64	3	26-103	42
Pentachlorophenol	55	52	3	17-109	47

ALL SPIKE COMPOUNDS WITHIN LIMITS

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

8270 Certificate

Analyte	Result (ug/Kg)	Quantitation Limit (ug/Kg)
Fluorene	ND	330
Hexachlorobenzene	ND	330
Hexachlorobutadiene	ND	330
Hexachlorocyclopentadiene	ND	330
Hexachloroethane	ND	330
Indeno(1,2,3-cd) pyrene	ND	330
Isophorone	ND	330
2-Methylnaphthalene	ND	330
2-Nitroanaline	ND	1600
3-Nitroanaline	ND	1600
4-Nitroanaline	ND	1600
Naphthalene	ND	330
Nitrobenzene	ND	330
N-Nitrosodi-n-propylamine	ND	330
N-Nitrosodiphenylamine	ND	330
Phenanthrene	ND	330
Pyrene	ND	330
1,2,4-Trichlorobenzene	ND	330
ACID EXTRACTABLES		
Benzoic acid	ND	1600
Benzyl alcohol	ND	330
4-Chloro-3-methylphenol	ND	330
2-Chlorophenol	ND	330
2,4-Dichlorophenol	ND	330
2,4-Dimethylphenol	ND	330
2,4-Dinitrophenol	ND	1600
2-Methyl-4,6-dinitrophenol	ND	1600
2-Methylphenol	ND	330
4-Methylphenol	ND	330
4-Nitrophenol	ND	1600
2-Nitrophenol	ND	1600
Pentachlorophenol	ND	1600
Phenol	ND	330
2,4,5_Trichlorophenol	ND	1600
2,4,6-Trichlorophenol	ND	330

ND = Not detected mg/Kg = ppb (Parts per Billion)

QC DATA :

Surrogate Recoveries	QC Limits	Surrogate Recoveries	QC Limits
Nitrobenzene-d5	63 (23-120)	Phenol-d5	57 (24-113)
2-Fluorobiphenyl	70 (30-115)	2-Fluorophenol	63 (25-121)
Terphenyl-d14	97 (18-137)	2,4,6-Tribromophenol	60 (19-122)

Richard Srna, Ph.D.

Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

MOCK INVOICE

Chevron USA
P.O. Box 5004
San Ramon, CA 94583

Date: 05/25/93
Date Rcvd: 05/18/93
Date Rptd: 05/25/93
Our Job #: 14431
Invoice #: 14431

Touchstone Developments Job # 0191-1
Chevron USA Release # 4751970 Facility #: 9-0191

QTY/MATRIX	ANALYSIS			EXT. PRICE
1 Water sample(s)	for VPHBTXE	@	$0.00 (5 DAY)	0.00
1 Soil sample(s)	for PB	@	$0.00 (5 DAY)	0.00
7 Soil sample(s)	for VPHBTXE	@	$0.00 (5 DAY)	0.00
5 Soil sample(s)	for VPHBTXE	@	$0.00 (24HR RUSH)	0.00
1 Soil sample(s)	for 5METALS	@	$0.00 (5 DAY)	0.00
1 Soil sample(s)	for 8010	@	$0.00 (5 DAY)	0.00
1 Soil sample(s)	for 8270	@	$0.00 (5 DAY)	0.00
1 Soil sample(s)	for DIESEL	@	$0.00 (5 DAY)	0.00
1 Soil sample(s)	for OG	@	$0.00 (5 DAY)	0.00
				==========
TOTAL INVOICE				0.00

Please Send Payment To:
Superior Precision Analytical
P.O. Box 1545
Martinez, CA 94553

TERMS: NET 30
A charge of 1.5% per month may be applied to unpaid balances.

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☐ No 14431

Chain-of-Custody-Record

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

Chevron Facility Number 9-0190
Facility Address 900 Otis Ave. Alameda
Consultant Project Number 0190-1
Consultant Name TOUCHSTONE
Address 684 30TH AVE. SF
Project Contact (Name) M. TAMBRONI
(Phone) 386-8791 (Fax Number) 386-8791

Chevron Contact (Name) MARK MILLER
(Phone) 510-842-8134
Laboratory Name SUPERIOR
Laboratory Release Number 4751970
Samples Collected by (Name) M. TAMBRONI
Collection Date 5-18-93
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)	TOTAL Pb					Remarks
MW-H20		3	W	G	1025	HCL	Yes	X													
TX-1-5'		1	S	D	1238		Yes	X								X					
TX-2-5'		1	S	D	1240		Yes	X													
TX-3-5'		1	S	D	1242		Yes	X													
TX-4-5'		1	S	D	1246		Yes	X													
TX-5-5'		1	S	D	1248		Yes	X													
TX-6-5'		1	S	D	1254		Yes	X													
P-1-2'		1	S	D	110		Yes	X													24 HOUR TAT
P-2-3'		1	S	D	135		Yes	X													24 HOUR TAT
P-3-3'		1	S	D	143		Yes	X													24 HOUR TAT
P-4-3'		1	S	D	201		Yes	X													24 HOUR TAT
WO-5'		1	S	D	1213		Yes	X	X	X	X			X	X						
SW-1-3'		1	S	D	300		Yes	X													24 HOUR TAT

Please initial: RB
Samples Stored in ice. ✓ 4°
Appropriate containers. ✓
Samples preserved. ✓
VOA's without headspace. ✓
Comments:

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	TD	5-18-93 500			
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	
				5/18/93	5:20

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

COC-3.DWG/03 91/MJH

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 ▪ Martinez, California 94553 ▪ (510) 229-1512 / fax (510) 229-1526

TOUCHSTONE DEVELOPMENTS
Attn: JEFF MONROE

Project 0190-1
Reported 25-May-1993

Laboratory Number	Sample Identification	Matrix
88646- 1	TX-1-5'	Soil
88646- 2	WO-5'	Soil

RESULTS OF ANALYSIS

Laboratory Number:	88646- 1	88646-2
CADMIUM:	NA	ND<1
CHROMIUM:	NA	22
NICKEL:	NA	22
LEAD:	6	ND<5
ZINC:	NA	18
Concentration:	mg/kg	mg/kg

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Quality Assurance and Control Data - Soil

Laboratory Number 88646

Compound	Method Blank (mg/kg)	PQL (mg/kg)	Average Spike Recovery (%)	Limits (%)	RPD (%)
CADMIUM:	ND<1	1	93	75-125	2
CHROMIUM:	ND<5	5	86	75-125	3
NICKEL:	ND<5	5	90	75-125	3
LEAD:	ND<5	5	100	75-125	3
ZINC:	ND<20	20	94	75-125	3

Definitions:

ND = Not Detected
PQL = Practical Quantitation Limit

RPD = Relative Percent Difference

QC File No. 88646

Stephen Carroll
Senior Analyst

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 ▪ Martinez, California 94553 ▪ (510) 229-1512 / fax (510) 229-1526

TOUCHSTONE DEVELOPMENTS
Attn: JEFF MONROE

Project 0190-1
Reported 25-May-1993

METALS ANALYSIS by SW- 846 method 6000 series

Chronology

Laboratory Number 88646

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
TX-1-5'	05/18/93	05/18/93	/ /	05/25/93		1
WO-5'	05/18/93	05/18/93	/ /	05/25/93		2

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☐ No   14431

Chain-of-Custody-Record

Chevron U.S.A. Inc. P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number: 9-0190 Facility Address: 900 Otis Ave. Alameda Consultant Project Number: 0190-1 Consultant Name: TOUCHSTONE Address: 684 30th Ave. SF Project Contact (Name): M. TAMBRONI (Phone): 386-8791 (Fax Number): 386-8791	Chevron Contact (Name): MARK MILLER (Phone): 510-842-8134 Laboratory Name: SUPERIOR Laboratory Release Number: 4751970 Samples Collected by (Name): M. TAMBRONI Collection Date: 5-18-93 Signature: [signature]

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)	TOTAL Pb					Remarks
MW-H2O		3	W	G	1025	HCL	Yes	X													
TX-1-5'		1	S	D	1238		Yes	X								X					
TX-2-5'		1	S	D	1240		Yes	X													
TX-3-5'		1	S	D	1242		Yes	X													
TX-4-5'		1	S	D	1246		Yes	X													
TX-5-5'		1	S	D	1248		Yes	X													
TX-6-5'		1	S	D	1254		Yes	X													
8 P-1-2'		1	S	D	110		Yes	X													24 Hour TAT
9 P-2-3'		1	S	D	135		Yes	X													24 Hour TAT
10 P-3-3'		1	S	D	143		Yes	X													24 Hour TAT
11 P-4-3'		1	S	D	201		Yes	X													24 Hour TAT
WO-5'		1	S	D	1213		Yes	X	X	X	X			X	X						
SW-1-3'		1	S	D	300		Yes	X													24 Hour TAT

Please initial: RB
Samples Stored in ice. ✓
Appropriate containers. ✓
Samples preserved. ✓
VOA's without headspace. ✓
Comments:

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	TD	5-18-93 500				24 Hrs. 48 Hrs. (5 Days) 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature): [signature]		Date/Time 5/18/93 6:20	

COC-3.DWG/03 91/HCH