



GETTLER - RYAN INC.

FACSIMILE COVER SHEET

TO: Ms. Jennifer Eberle

COMPANY: Alameda County

FROM: Steve Carter / Greg Guss

DATE: 3/18/97

RE: Chevron #9-4800, 9700 Castro Street, Oakland

COMMENTS: Per your request, attached are analytical results and sample location maps for both the original product line samples and the hand signed soil borings. The report is pending.

Original to follow: No

Yes, via: _____

Total pages including cover: 3

If there are any problems with this transmission, please call 916-631-1314

TABLE 1. SOIL CHEMICAL ANALYTICAL DATA
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Sample Number	Sample Date	Sample Depth (feet bgs)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
CT-1	2/18/97	4	180	30 ³	2.6	9.0	3.2	18
CT-2	2/18/97	4	6.7	1.9 ³	0.27	0.50	0.18	1.1
CT-3	2/18/97	4	<u>550</u>	<u>220⁴</u>	<u>15</u>	<u>32</u>	<u>17</u>	<u>81</u>
CT-4	2/18/97	4	<1.0 ¹	<1.0	0.016	0.0055	0.019	0.010
CT-5	2/18/97	4	5.9 ²	19 ³	<0.025	<0.025	<0.025	0.036

Explanation

TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel
 BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
 feet bgs = feet below ground surface
 ppm = parts per million

Analytical Methods

TPHg/BTEX = EPA Methods 5030/8015 Mod./8020
 TPHd = EPA Methods 3550/8015 Mod.

Analytical Laboratory

Sequoia Analytical (ELAP #1271)

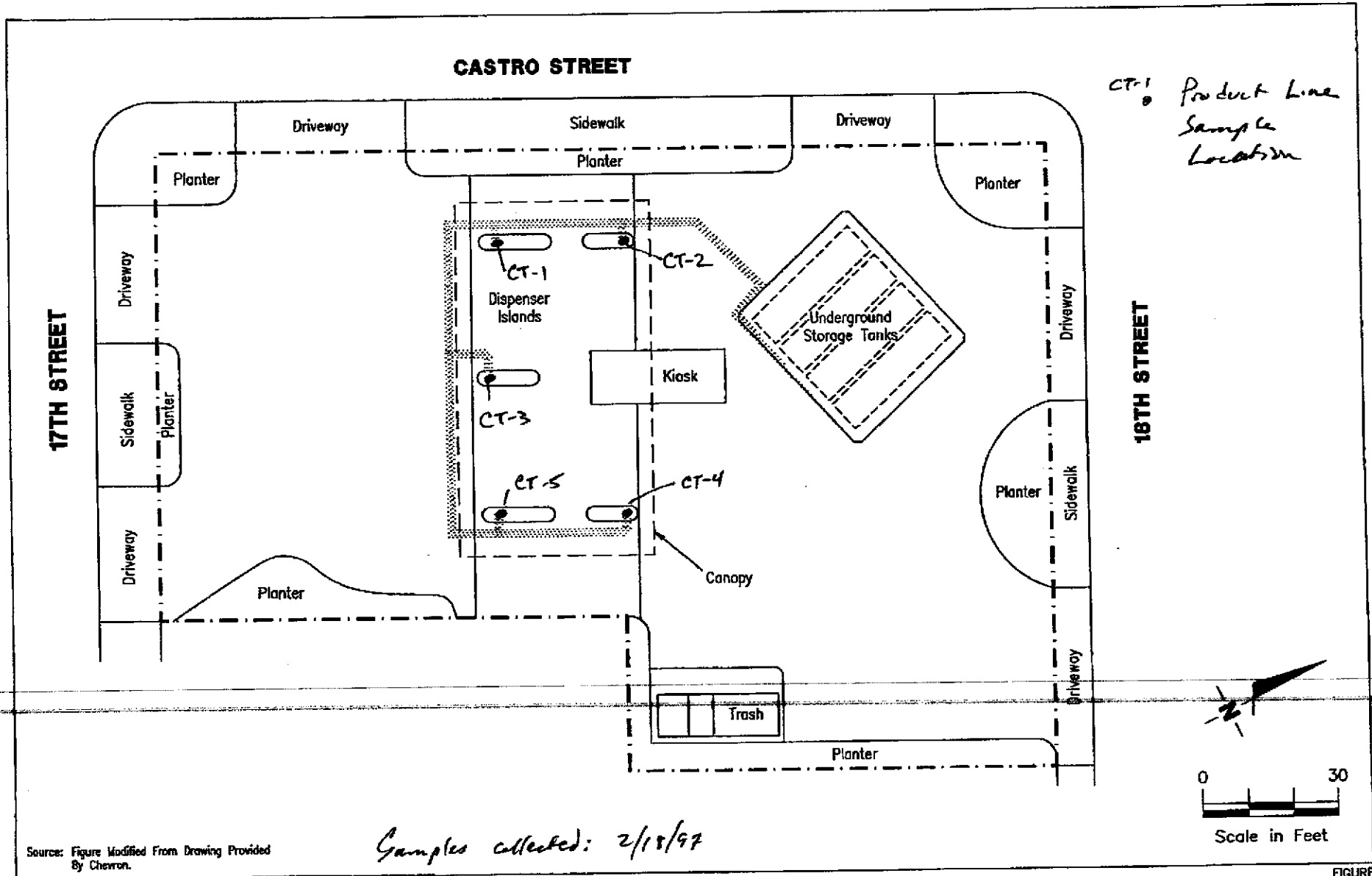
¹ Results shown as <X reported by laboratory as ND (not detected) above the stated reporting limit.

² Chromatogram pattern indicates gasoline and unidentified hydrocarbons > C8.

³ Chromatogram pattern indicates diesel and unidentified hydrocarbons < C15.

⁴ Chromatogram pattern indicates diesel and unidentified hydrocarbons < C15 > C20.

DRAFT



Source: Figure Modified From Drawing Provided By Chevron.

Samples collected: 2/18/97



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

SITE PLAN
 Chevron Service Station No. 9-4800
 1700 Castro Street
 Oakland, California

FIGURE

2

JOB NUMBER
6383

REVIEWED BY

DATE
2/97

REVISED DATE:

TABLE 2. SOIL BORING CHEMICAL ANALYTICAL DATA
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Sample Number	Sample Date	Sample Depth (feet bgs)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
Soil Boring CB-1								
CB-1-6	2/22/97	6	890	37 ²	<u>3.0</u>	24	13	92
CB-1-10	2/22/97	10	<u>48</u>	3.2 ³	1.3	3.1	0.68	4.3
Soil Boring CB-2								
CB-2-6	2/22/97	6	<1.0 ¹	1.0 ³	<0.0050	<0.0050	<0.0050	<0.0050
CB-2-10	2/22/97	10	<1.0	<1.0	0.011	<0.0050	0.012	0.034
Soil Boring CB-3								
CB-3-6	2/22/97	6	1.1	<1.0	0.0074	0.015	0.012	0.085
CB-3-10	2/22/97	10	<1.0	<1.0	0.019	0.045	0.0071	0.039
Soil Boring CB-4								
CB-4-4	2/21/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-4-10	2/21/97	10	<1.0	<1.0	0.018	<0.0050	<0.0050	<0.0050
Soil Boring CB-5								
CB-5-4	2/22/97	4	1.9	3.5 ³	0.018	<0.0050	0.012	0.039
CB-5-10	2/22/97	10	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
Soil Boring CB-6								
CB-6-5	2/21/97	5	2.6	3.0 ³	0.12	0.022	0.054	0.19
CB-6-10	2/21/97	10	200	<u>640³</u>	0.96	1.9	1.5	9.1
Soil Boring CB-7								
CB-7-4	2/21/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-7-10	2/21/97	10	<1.0	<1.0	0.048	<0.0050	<0.0050	0.015
Soil Boring CB-8								
CB-8-4	2/21/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-8-10	2/21/97	10	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
Soil Boring CB-9								
CB-9-4	2/21/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-9-10	2/22/97	10	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
Soil Boring CB-10								
CB-10-4	2/22/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-10-10	2/22/97	10	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050

For Explanation see Page 2.

Soil Boring CB-11

TABLE 2. SOIL BORING CHEMICAL ANALYTICAL DATA
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Sample Number	Sample Date	Sample Depth (feet bgs)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
CB-11-4	2/21/97	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
CB-11-10	2/22/97	10	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
Soil Boring CB-12								
CB-12-4	2/21/97	4	<1.0	<1.0	0.098	<0.0050	<0.0050	<0.0050
CB-12-10	2/22/97	10	<1.0	<1.0	0.18	0.0065	<0.0050	0.017

Explanation

TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel
 BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
 feet bgs = feet below ground surface
 ppm = parts per million

Analytical Methods

TPHg/BTEX = EPA Methods 5030/8015 Mod./8020
 TPHd = EPA Methods 3550/8015 Mod.

Analytical Laboratory

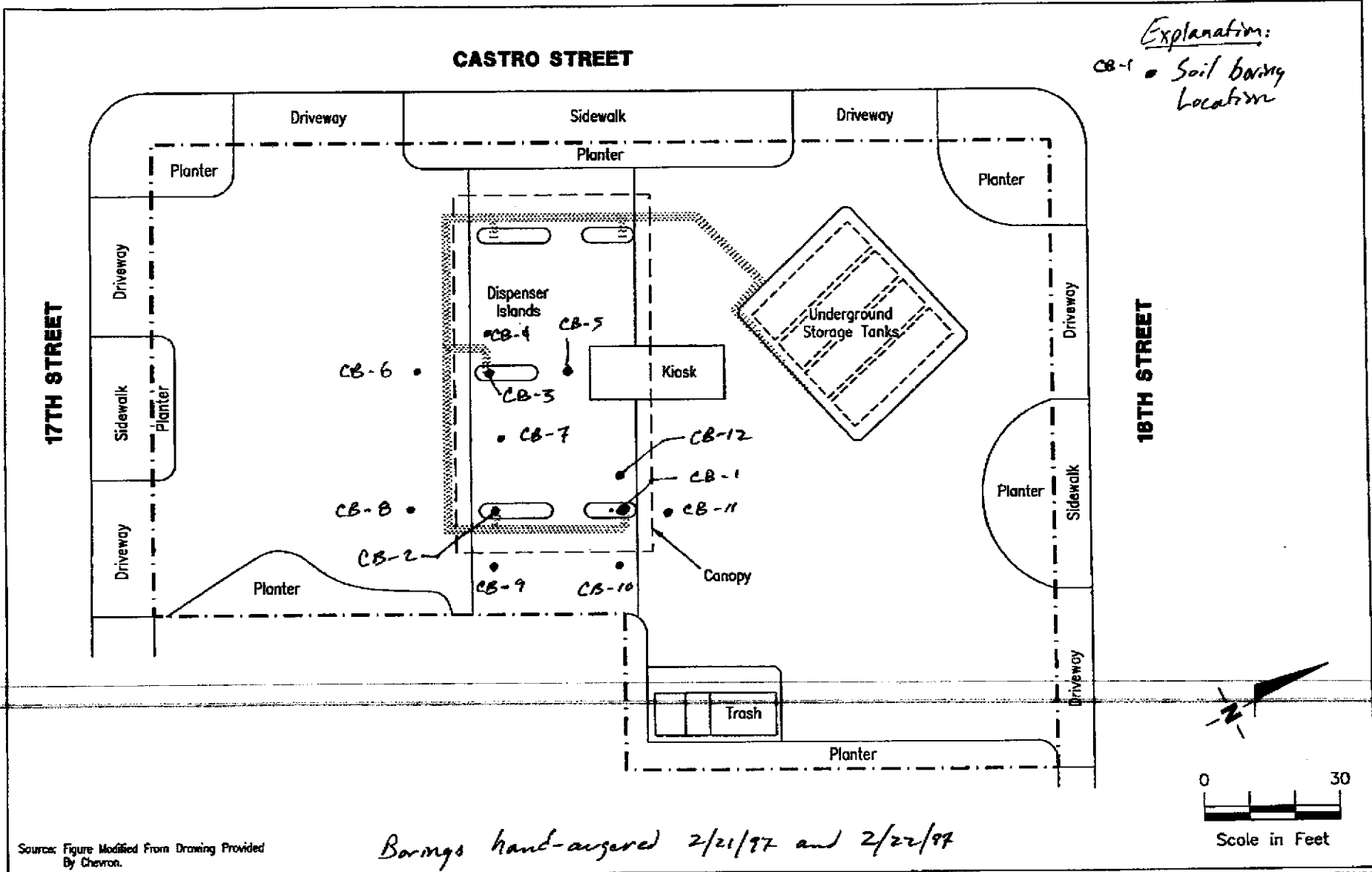
Sequoia Analytical (ELAP #1210)

¹ Results shown as <X reported by laboratory as ND (not detected) above the stated reporting limit.

² Chromatogram pattern indicates weathered diesel C9-C24 + C9-C13.

³ Chromatogram pattern indicates unidentified hydrocarbons C9-C24.

DRAFT



Source: Figure Modified From Drawing Provided By Chevron.



Gettler - Ryan Inc.

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

SITE PLAN
Chevron Service Station No. 9-4800
1700 Castro Street
Oakland, California

FIGURE
2

JOB NUMBER
6383

REVIEWED BY

DATE
2/97

REVISED DATE



GETTLER-RYAN INC.

FACSIMILE COVER SHEET

TO: PAM EVANS (510) 337-9355

COMPANY: ALAMEDA COUNTY

FROM: GREG G.

DATE: 2/20/97

RE: CHEVYON #9-4800 1700 CASTRO STREET OAKLAND, CA

COMMENTS: ANALYTICAL RESULTS FOR SOIL SAMPLES 94612
BENEATH DISPENSER ISLANDS. AS DISCUSSED
THE LINES ARE NOT BEING REPLACED.
CONCRETE FOOTINGS ARE ALSO STILL IN PLACE.
AFTER REVIEW, PLEASE CALL TO DISCUSS
(916) 631-1300

Original to follow: No Yes, via: REPORT

Total pages including cover: 6

If there are any problems with this transmission, please call 916-631-1314



TABLE 1. SOIL CHEMICAL ANALYTICAL DATA
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Sample Number	Sample Date	Sample Depth (feet bgs)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
CT-1	2/18/97	4	180	30 ³	2.6	9.0	3.2	18
CT-2	2/18/97	4	6.7	1.9 ³	0.27	0.50	0.18	1.1
CT-3	2/18/97	4	550	220 ⁴	15	32	17	81
CT-4	2/18/97	4	<1.0 ¹	<1.0	0.016	0.055	0.019	0.010
CT-5	2/18/97	4	5.9 ²	19 ³	<0.025	<0.025	<0.025	0.036

Explanation

TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel
 BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
 feet bgs = feet below ground surface
 ppm = parts per million

Analytical Methods

TPHg/BTEX = EPA Methods 5030/8015 Mod./8020
 TPHd = EPA Methods 3550/8015 Mod.

Analytical Laboratory

Sequoia Analytical (ELAP #1271)

¹ Results shown as <X reported by laboratory as ND (not detected) above the stated reporting limit.

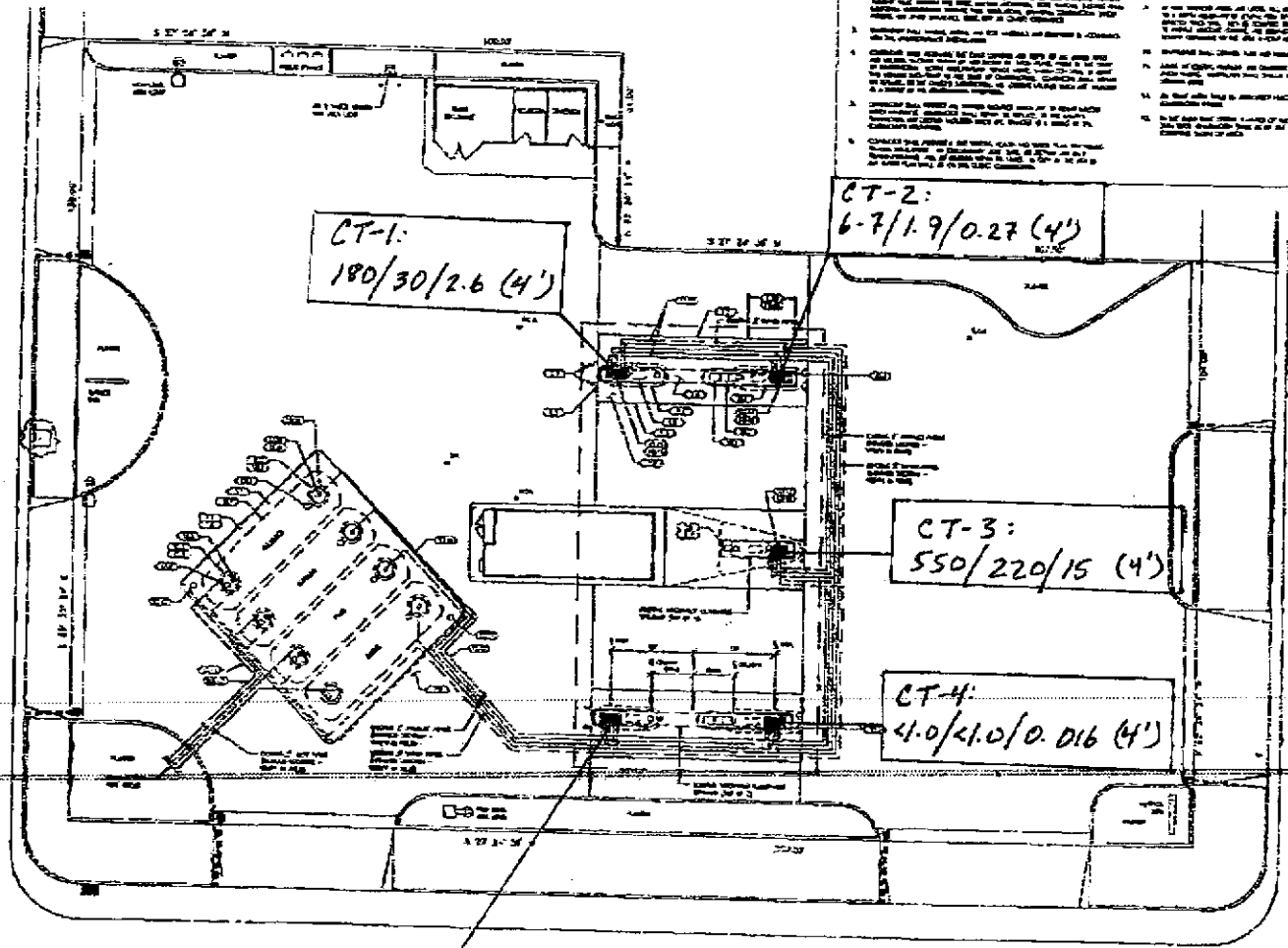
² Chromatogram pattern indicates gasoline and unidentified hydrocarbons > C8.

³ Chromatogram pattern indicates diesel and unidentified hydrocarbons < C15.

⁴ Chromatogram pattern indicates diesel and unidentified hydrocarbons < C15 > C20.

18th STREET

17th STREET



GENERAL NOTES		DRAWING NOTES
1. Review the site plan and all other documents for the project and make any necessary changes to the plan.	2. All work shall be done in accordance with the latest edition of the California Building Code and all applicable local ordinances.	1. All work shall be done in accordance with the latest edition of the California Building Code and all applicable local ordinances.
3. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws and regulations.	4. The contractor shall be responsible for the safety of all workers and for protecting the site from damage.	2. All work shall be done in accordance with the latest edition of the California Building Code and all applicable local ordinances.
5. The contractor shall be responsible for the quality of all work and for providing a warranty for the work.	6. The contractor shall be responsible for the completion of all work by the specified date.	3. All work shall be done in accordance with the latest edition of the California Building Code and all applicable local ordinances.

CT-2:
6-7/1.9/0.27 (4')

CT-1:
180/30/2.6 (4')

CT-3:
550/220/15 (4')

CT-4:
4.0/4.0/0.016 (4')

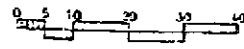
CT-5:
5.9/19/40.025 (4')

CASTRO STREET

Chevron # 9-4800
1700 Castro Street
Oakland, CA

Sampled 2/18/97

Sample #:
Concentrations of TPHg/
TPHd/benzene in ppm
(depth in feet bgs).



Chattler - Ryan Inc.
1000 Lakeside Blvd.
Oakland, CA 94612

SHE PLAN	
	DEALER OPERATED 9-4800
Northwest Region	1700 CASTRO STREET OAKLAND, CALIFORNIA
PROJECT: 97-01	DATE: 12/2/96
CLIENT: Chevron	APP: 497



**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Gettler-Ryan 8747 Sierra Ct., Suite J Dublin, CA 94568 Attention: Clyde Galantline	Client Project ID: Chevron #9-4800 Sample Matrix: Soil Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 702-0867	Sampled: Feb 18, 1997 Received: Feb 18, 1997 Reported: Feb 18, 1997
---	---	---

QC Batch Number:

SP021897

SP021897

SP021897

SP021897

SP021897

8020EXA

8020EXA

8020EXA

8020EXA

8020EXA

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 702-0867 CT - 1	Sample I.D. 702-0868 CT - 2	Sample I.D. 702-0869 CT - 3	Sample I.D. 702-0870 CT - 4	Sample I.D. 702-0871 CT - 5
Purgeable Hydrocarbons	1.0	180	6.7	550	N.D.	5.9
Benzene	0.0050	2.6	0.27	15	0.016	N.D.
Toluene	0.0050	9.0	0.50	32	0.0055	N.D.
Ethyl Benzene	0.0060	3.2	0.18	17	0.019	N.D.
Total Xylenes	0.0050	19	1.1	81	0.010	0.036
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline	-	Gasoline & Unidentified Hydrocarbons > C8

Quality Control Data

Report Limit Multiplication Factor:	100	5.0	250	1.0	5.0
Date Analyzed:	2/18/97	2/18/97	2/18/97	2/18/97	2/18/97
Instrument Identification:	HP-5	HP-5	HP-5	HP-5	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%)	98	99	98	102	101

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

[Signature]
Jim Bava
Project Manager

7020867.GGG <1>



Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94068
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-2600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Gatler-Ryan
8747 Sierra Ct., Suite J
Dublin, CA 94568
Attention: Clyde Galantline

Client Project ID: Chevron #9-4800
Sample Matrix: Soil
Analysis Method: EPA 3550/8015 Mod.
First Sample #: 702-0867

Sampled:
Received: Feb 18, 1997
Reported:

QC Batch Number:

SP021897

SP021897

SP021897

SP021897

SP021897

8015EXA

8015EXA

8015EXA

8015EXA

8015EXA

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 702-0867 CT - 1	Sample I.D. 702-0868 CT - 2	Sample I.D. 702-0869 CT - 3	Sample I.D. 702-0870 CT - 4	Sample I.D. 702-0871 CT - 5
Extractable Hydrocarbons	1.0	30	1.9	220	N.D.	19
Chromatogram Pattern:		Diesel & Unidentified Hydrocarbons <C15	Diesel & Unidentified Hydrocarbons <C15	Diesel & Unidentified Hydrocarbons <C15 >C20		Diesel & Unidentified Hydrocarbons <C15

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	100	1.0	1.0
Date Extracted:	2/18/97	2/18/97	2/18/97	2/18/97	2/18/97
Date Analyzed:	2/18/97	2/18/97	2/18/97	2/18/97	2/18/97
Instrument Identification:	HP-3A	HP-3A	HP-3A	HP-3A	HP-3A

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

SEQUOIA ANALYTICAL, #1271

Jim Gava
Project Manager

7020867.GGG <2>