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8:49 am, Jul 08, 2009

Alameda County
Environmental Health

Ian Robb
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-2375
Fax (925) 543-2324
irobb@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: 167th Gas Station
Former Texaco Station
16690 E. 14th Street
San Leandro, CA

I have reviewed the attached submittal dated July 6, 2009.

I agree with the conclusions and recommendations presented in the referenced submittal. This information in this submittal is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This submittal was prepared by Conestoga Rovers Associates, upon who assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

A handwritten signature in blue ink, appearing to read "I. Robb".

Ian Robb
Project Manager

Attachment: Submittal



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
<http://www.craworld.com>

July 6, 2009

Reference No. ACEH RO# 2997

Mr. Paresh Khatri
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: 167th Gas Station
Former Texaco Station
16690 E. 14th Street
San Leandro, California
Fuel Leak Case No. RO2997

Dear Mr. Khatri:

Conestoga-Rovers & Associates (CRA) is submitting this letter on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. We have received the May 22, 2009 letter from Alameda County Environmental Health (ACEH) requesting any additional reports related to environmental investigations and/or documentation that illustrates the former UST and dispenser system previously utilized at the site.

Enclosed are the following documents:

- Photo of former Texaco station, undated
- Station as-built plans, dated January 20, 1966
- Station grade sheet, dated February 9, 1966
- Underground storage tanks removal contract, dated February 8, 1984
- Compaction test records, dated March 15, 1984

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

July 6, 2009

Reference No. ACEH RO# 2997

- 2 -

Please contact Charlotte Evans of CRA at (510) 420-3351 or Ian Robb of Chevron at (925) 543-2375 if you have any questions or comments regarding this submittal.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charlotte Evans

CE/doh/1

cc: Ian Robb, Chevron
Carl & Wanda J. Kuper, Carl Kuper Motors
Thomas Meek
John & Rose McPhee, Chief Auto Plans
Kil Pang et al



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 22, 2009

Ian Robb
Chevron Environmental Management
Company
6001 Bollinger Canyon Road
San Ramon, CA 94583

Carl & Wanda J. Kuper
Carl Kuper Motors
16600 E 14th Street
San Leandro, CA 94578-2394

Thomas D. Meek
c/o Dick Ballard, Inc.
P.O. Box 371
Walnut Creek, CA 94597-0371

John C. & Rose M. McPhee, Trustees
Chief Auto Plaza
49 York Place
Moraga, CA 94556-1220

Kil N. Pang ETAL
3568 Bittern Place
Fremont, CA 94555-1307

Subject: Fuel Leak Case No. RO0002997 and GeoTracker Global ID T10000001069, 167th Gas Station (former Texaco), 16690 E 14th Street, San Leandro, CA 94578

Dear Responsible Parties:

Alameda County Environmental Health (ACEH) is in receipt of a Phase II Investigation Report prepared by Environmental Bio-Systems, Inc. dated April 8, 1994 and a Phase I Report entitled, "Phase I Environmental Site Assessment," dated July 22, 2002, prepared by AEI Consultants, Inc., both were prepared for the subject property. Reviews of the reports indicate that the subject property was utilized as a Texaco Station located at 16660 E 14th Street in San Leandro, California from circa 1966 to 1985 when the three fuel USTs and the waste oil UST were removed. In 1994, a Phase II investigation, conducted by Environmental Bio-Systems detected low concentrations of petroleum hydrocarbons in soil samples collected from exploratory borings installed at the site. However, based on the figure included in the Phase II Report, it is not clear whether the borings were installed in the vicinity of likely source areas at the site. Although concentrations of hydrocarbons detected in soil samples collected from the site are low, ACEH does not have sufficient information on file to evaluate this case. At this time, ACEH's electronic case file for the subject site contains the following electronic reports as listed on our website (<http://www.acgov.org/aceh/lop/ust.htm>). You are requested to submit copies of all other report related to environmental investigations and/or documentation that illustrates the former UST and dispenser system previously utilized at the site. This may include additional Phase I/II Reports, tank removal reports, as-built drawing, building plans, permits, etc. Please submit the requested documentation for this property by **July 6, 2009**. If no documentation is submitted by the requested date, a subsurface investigation may be necessary to close this case.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities.

Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

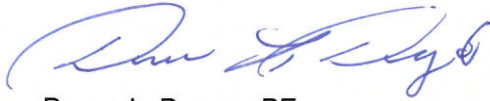
Responsible Parties
RO0002997
May 22, 2009, Page 3

If you have any questions, please call me at (510) 777-2478 or send me an electronic mail message at pareskhatri@acgov.org.

Sincerely,



Paresh C. Khatri
Hazardous Materials Specialist



Donna L. Drogos, PE
Supervising Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Dr. Thomas D. Meek, 523 North Alleghaney Avenue, Odessa, TX 79761
Donna Drogos, ACEH (sent via electronic mail)
Paresh Khatri, ACEH (sent via electronic mail)
GeoTracker
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

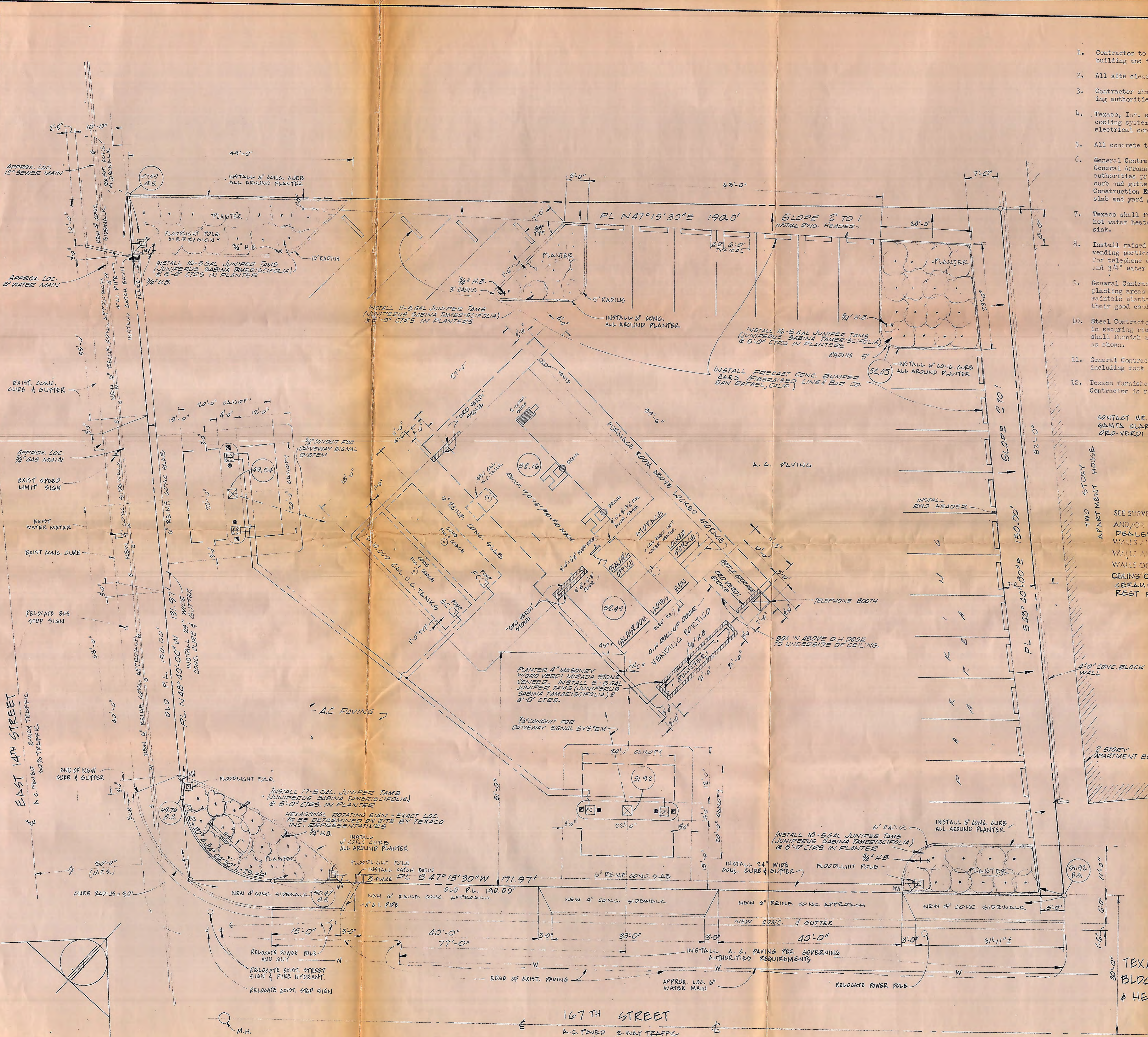
- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

SAN LEANDRO, CALIFORNIA, RT #118
16660 EAST 14TH ST. AND 167TH ST.
Location No. 62 488 001041





- GENERAL NOTES**
- Contractor to provide underground power and telephone service to building and telephone booth.
 - All site clearance by General Contractor - (See Survey).
 - Contractor shall install all street work in accordance with governing authorities requirements.
 - Texaco, Inc. shall furnish and install complete gas heating and cooling system. General Contractor shall provide gas service and electrical conduit to furnace area.
 - All concrete to be treated in accordance with Specification TC-1.
 - General Contractor shall verify curb and gutter grades shown on General Arrangement Plan and Grade Sheet with local governing authorities prior to setting building grades. If grades of curb and gutter are changed, Contractor must contact Texaco, Inc. Construction Engineer to adjust grades of building slab, island slab and yard grades.
 - Texaco shall furnish and Contractor shall install 6 gallon electric hot water heater for service to rest room lavatories and service sink.
 - Install raised concrete slab, planter and telephone booth for vending portico on sales room end of building. Provide 1" conduit for telephone circuit, 1" conduit for booth light and W.P. outlet and 3/4" water service.
 - General Contractor shall install 12" of top soil and plants in planting areas as shown. General Contractor shall water and maintain plants for 30 days after planting, as required, to assure their good condition.
 - Steel Contractor shall provide studs for General Contractor's use in securing rib lath and veneer to building. General Contractor shall furnish and install rib lath and "Ord Verdi" stone veneer as shown.
 - General Contractor furnishes complete built-up roof on metal pans, including rock surface.
 - Texaco furnishes rotating hexagonal sign and pole only. General Contractor is responsible for complete sign installation.
- CONTACT MR. ED BOCHI OF STONE-ART CO., 1178 MARTIN AVE., SANTA CLARA CALIF. FOR QUOTATIONS ON SIMULATED ORD-VERDI STONE - PHONE 243-5828

SEE SURVEY FOR ADDITIONAL EXISTING CONDITIONS AND/OR EXISTING CONSTRUCTION AND CONDITIONS.

DEALER'S OFFICE PAINTED
 WALLS AND CEILING IN SALESROOM PAINTED
 WALLS AND CEILING IN REST ROOMS PAINTED
 WALLS OF SERVICE BAYS PAINTED
 CEILING OF CANOPY PAINTED
 CERAMIC TILE FLOOR IN SALESROOM & REST ROOMS & REST ROOM WALLSCOTING.

SPEC. OR DWG. NO.	LAST REV. DATE	TITLE	SPEC. OR DWG. NO.	LAST REV. DATE	TITLE
DP-7753	3-28-64	WALL SECTIONS	GC-0	1-1-64	GENERAL CONDITIONS
DP-7754	5-28-64	TOWER SIGN DETAILS	DB-1-PE	11-1-65	SPECIFICATIONS
DP-7751	1-28-64	SHELVING DETAILS	DB-9-C	10-65	PAVING SPECIFICATIONS
DP-7750	3-26-65	LIGHTING PLAN	TC-1		CONCRETE SPECIFICATIONS
DP-7759	7-28-64	PLUMBING PLAN	SF-187	1-28-64	DRIVEWAY SIGNAL CONTROL SURVEY
DP-7760	1-14-64	20' x 20' DETACHED CANOPY		2-9-66	GRADE SHEET
DB-2193	8-17-65	OIL PIPING	DP-7743	3-25-65	FLOOR PLAN
DP-7315	3-8-65	MIBC DETAILS SHEET #1	DP-7744	3-25-65	ELEVATIONS
DP-7316	5-26-64	" " #2	DP-7745	6-23-64	FOUNDATION PLAN
DP-7817	3-8-65	" " #3	DP-7746	7-1-64	ROOF FRAMING PLAN
BF-264	3-22-65	"SERVICE YOU CAN TRUST"	DP-7747	7-1-64	STRUCTURAL ELEVATIONS
DB-2114	12-6-65	YARD LIGHTING ONLY	DP-7748	7-1-64	CONNECTION DETAILS
DP-8824	1-26-66	HEXAGONAL ROTATING SIGN	DP-7749	7-1-64	" "
3833242C		REFERENCE ONLY FOR VENDING PORTICO	DP-7750	4-5-66	WALL PLAN
			DP-7751	7-1-64	WALL SECTIONS
			DP-7752	7-1-64	" "

CONSTRUCTION & EQUIPMENT DIVISION
 MAY 10 1966

SYMBOL	DESCRIPTION	NO. REQUIRED
[Symbol]	BANJO POLE & SIGN	
[Symbol]	OFFSET BANJO POLE AND SIGN	
[Symbol]	ISLAND LIGHT	L.G.
[Symbol]	ISLANDER WITH AIR	
[Symbol]	ISLANDER WITH AIR & WATER	
[Symbol]	MERCURY VAPOR APPROACH LIGHT	4
[Symbol]	FLOODLIGHT POLE	4
[Symbol]	AIR STAND REEL TYPE	
[Symbol]	AIR GAUGE WALL TYPE	
[Symbol]	AIR & WATER WELL	4
[Symbol]	AIR WELL	
[Symbol]	ISLAND LIGHT POLE	
[Symbol]	ISLAND LIGHT POLE WITH AIR-WATER	
[Symbol]	CONCRETE PUMP ISLAND	L.G.
[Symbol]	ELEC. COMPUTING GARDIENE PUMP	
[Symbol]	COMPUTING DISPENSER	2 DIA. FEED
[Symbol]	1/2 HP SUBMERSIBLE PUMP	2 STANDARD
[Symbol]	UNDERGROUND TANKS	
[Symbol]	10000 GAL. GASOLINE	
[Symbol]	550 GAL. WASTE OIL	
[Symbol]	OIL DISPLAY CABINET	2
[Symbol]	2000 PSI. T. GAUGE BOX	2
[Symbol]	FILL BOX	1
[Symbol]	IMPACT CHECK VALVE	6
[Symbol]	VENT CAP	
[Symbol]	AIR COMPRESSOR	1
[Symbol]	NON-ROTATING AUTO LIFT FOLLOW UP TYPE	
[Symbol]	NON-ROTATING AUTO LIFT FRAME CONTACT TYPE	2
[Symbol]	REGISTERED REST-RM. SIGN ON FLOODLIGHT POLE	1
[Symbol]	REGISTERED REST-RM. SIGN AND SPECIAL POLE	
[Symbol]	WATER HOSE BIBB	
[Symbol]	FIRE EXTINGUISHERS	2
[Symbol]	FENCE OR GUARD RAIL TYPE	
[Symbol]	FILL LINES FROM FILL BOXES TO TANKS	
[Symbol]	VENT LINES FROM TANKS	
[Symbol]	GASOLINE LINES FROM TANKS TO DISPENSERS	
[Symbol]	WATER LINE	
[Symbol]	SEWAGE & DRAINAGE LINES	
[Symbol]	TELEPHONE LINE	
[Symbol]	ELECTRIC LIGHT AND POWER	
[Symbol]	COMPRESSED AIR LINES	
[Symbol]	EXISTING ELEVATIONS	
[Symbol]	FINAL REQUIRED ELEVATIONS	

REFERENCE DRAWINGS & SPECIFICATIONS

SPEC. OR DWG. NO.	LAST REV. DATE	TITLE
GC-0	1-1-64	GENERAL CONDITIONS
DB-1-PE	11-1-65	SPECIFICATIONS
DB-9-C	10-65	PAVING SPECIFICATIONS
TC-1		CONCRETE SPECIFICATIONS
SF-187	1-28-64	DRIVEWAY SIGNAL CONTROL SURVEY
	2-9-66	GRADE SHEET

APPROVAL RECORD

DATE	BY
7/14/66	[Signature]
7/14/66	[Signature]

REVISION RECORD

DATE	BY	DESCRIPTION
5-26-66	PECO	G.& PLAN

TEXACO INC.
 DOMESTIC SALES DEPARTMENT
 SAN FRANCISCO DIVISION
 GENERAL ARRANGEMENT

167 TH STREET
 SAN LEANDRO, CALIFORNIA
 REBLY TYPE #118
 DATE 1-20-66
 SCALE 1"=10'-0"
 DRAWN BY DWM TRACED BY
 CHECKED BY [Signature]

TEXACO "RANCH" TYPE 3-BAY BLDG. WITH 2-DETACHED CANOPIES & HEXAGONAL ROTATING SIGN

RECEIVED

MISCELLANEOUS BID AND WORK CONTRACT

B-3748
Form 5-188 4-77

CONTRACT

No.

23164

Texaco Inc.

1670 S. Amphlett Blvd. - Suite 215
San Mateo, CA 94402

Location 62-458-1041
167 + E 14TH ST
Street and Number
of
Work SAN LEANDRO CALIF
City and State

Gentlemen:

For and in consideration of *Seven thousand, six hundred fifty and 00/100* Dollars, (\$ *7,650.00*) to be paid by Texaco Inc.,

hereinafter called "Company": I (we) PETROLEUM ENGINEERING CO
205 5TH ST. SANTA ROSA CALIF. 95401

of
hereinafter called "Contractor", hereby agree to do and perform the following described work in accordance with and subject to the terms and conditions printed and/or written below and on the reverse side hereof: REMOVE 2 - 10,000 gal TANK

Description of Work: 1 - 6000 gal TANK + 1 - 550 gal WASTE OIL TANK.

REMOVE AND DISPOSE OF UNDERGROUND TANKS AND EQUIPMENT LISTED ABOVE. REMOVE CONNECTED PIPING AND VENT LINES IN ACCORDANCE WITH SPEC. RT-1. BACK FILL HOLES WITH CLEAN VEGETATION FREE EARTH AND COMPACT TO 95 PERCENT OF OPTIMUM. PROVIDE TEXACO WITH CERTIFICATION OF COMPACTION ACCEPTABLE TO LOCAL BUILDING DEPARTMENT IN DUPLICATE. PATCH DISTURBED A/C SURFACE WITH 4 INCH CRUSHED ROCK BASE AND 2 INCH ASPHALT CONCRETE UNLESS EXCEPTION INDICATED. IF REMOVING WASTE OIL TANK IN CONCRETE APPROACH AREA SAW CUTBACK FILL AND COMPACT PER SPECIFICATIONS AND REPLACE WITH 6 INCH CONCRETE WITH 6 BY 6 #1010 MESH TO MAKE UNIFORM WITH CONCRETE AREA. THESE TANKS HAVE CONTAINED A LEADED PRODUCT/GASOLINE AND THE DISMANTLING OR REUSE OF THE TANK SHOULD BE IN COMPLIANCE WITH THE PRELIMINARY DRAFT OF API RECOMMENDATION ENTITLED HAZARDS INVOLVED IN DISMANTLING OF TANKS USED IN STORAGE OF GASOLINE CONTAINING TETRAETHYL LEAD AND THE DISPOSAL OF THE STEEL PLATES. WORK TO BE DONE IN A MANNER TO INTERFERE WITH THE FACILITY AS LITTLE AS POSSIBLE. HOIST DISPENSER AND A/W REEL HOLES TO BE FILLED WITH SAND AND SOFT CAPPED WHERE APPLICABLE. SECURE NECESSARY PERMITS.

1. Company shall supply the following material and equipment:

NONE

2. Manner and Time of Doing Work: Contractor agrees to commence said work within 10 days after acceptance of this bid by Company, and complete the same in good and workmanlike manner, satisfactory and acceptable to Company, within 20 days thereafter. Contractor shall be responsible to Company for faithful completion of the work covered hereby in a good and workmanlike manner and in accordance with all applicable Federal, State and local laws and regulations.

The terms and conditions set out on the back hereof are a part of this contract and have the same force and effect as if set out on its face.

Executed in triplicate this eight day of February, 1984

Yours very truly,

Witness

X Ruth Hanson

(Signed) X Petroleum Engineering, Inc.
Contractor

Recommended By

[Signature]

By E. J. Buracchio Estimator
Title

Address: 205 Fifth Street, Santa Rosa, Ca
Street Town 95401

Telephone Number: (707) 545-0360

ACCEPTED, TEXACO, INC

By

[Signature]

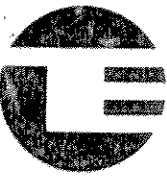
Title

Date

19

62-488-1041

Quality Assurance Services
Materials Consulting



RECEIVED

MAR 20 1984

Testing Engineers, Inc.

March 15, 1984

Mr. Don Marchant
Petroleum Engineering, Inc.
205 5th Street
Santa Rosa, CA 95401

Subject: Compaction Tests at Texaco Station
167th Avenue and E. 14th Street
San Leandro, CA

Dear Don,

The subject location was tested for relative compaction. Two methods were utilized. A Madera Sampler was used to obtain an in-place sample. A Campbell Pacific 501A Moisture/Density Depth Probe was also used. The results indicated on the attached summary are from the Madera Sampler. The test results obtained with the Campbell guage were not sufficiently consistant to be of use. Only one valid test was obtained from Pit #2 due to sampling difficulty.

Test Pit #1 was extended to approximately 7 feet until what appeared to be native material was encountered. Test Pit #2 was extended to approximately 8 feet. Throughout both excavations, the consistency and density of the material appeared relatively uniform.

It is our opinion that the average in-place relative compaction of 90% fairly represents the in-place compacted material at the locations sampled. If you have any questions regarding the test results, please do not hesitate to contact us.

Very truly yours,

TESTING ENGINEERS, INCORPORATED

Paul R. Curren, P.E.

:pc
Attachment

cc: City of San Leandro

Work Request No. G-8128

COMPACTION TEST SUMMARY SHEET

Date 3/15/88

TEI Project No.

Project Data - Texaco Station @ 167 Ave & E. 14th St., San Leandro

Test #	Date	Location	Elev.	Curve No. & Method	In-Place Density g/cc	In-Place Moisture %	Rel. Comp.	Proj. Specs.
1	3/9/84	Pit #1	-14"	1C	1.41	5.1	84	-
2	"	"	-20"	"	1.38	6.2	82	-
3	"	"	-30"	"	1.62	5.2	96	-
4	"	"	-36"	"	1.56	5.5	93	-
5	"	"	-41"	"	1.53	4.4	91	-
6	"	"	-47"	"	1.60	4.2	95	-
7	"	Pit #2	-55"	2C	1.80	14.2	86	-

Note: Elevations taken below surface of Asphalt Concrete. The AC was cored with a 6" bit to expose the compacted backfill. The AC surfacing was 1.5" thick with 4.5" of concrete underneath.

TEST METHOD	CURVE DATA				Lab Ref. Number	NOTE: Test results constitute the reporting of factual information derived from test(s) made by our laboratory following prescribed procedures. These test results should not be considered as an engineering opinion with respect thereto.
	Maximum Density g/cc	Optimum Moisture %	Material Description			
A. Calif. 216F						NOTE: Test results constitute the reporting of factual information derived from test(s) made by our laboratory following prescribed procedures. These test results should not be considered as an engineering opinion with respect thereto.
B. Calif. 216G						
C. ASTM D-1557						
D. AASHTO T180						
	1.	1.68	10.7	Brownish gray sand	D4048-1	
	2.	2.10	8.5	Tan clayey sand	D4048-2	

Testing Engineers, Incorporated