

Confirmed by Inspector
(Mansour) that tanks
were located at
28244 Dorothy Drive
Nicola
along
5/23/94

INSPECTION REQUEST

Call Date: 3/3/94
 Caller: Shelly Stolt
 From: Hydro West
 Telephone: 818 889-4154
 Site Name: Hydro West
 Site Address: ? 28215 W. Agoura Hills Rd
Agoura Hills
 Nearest Cross Street: _____

Inspection Date: _____
 Time: _____
 File No.: I-14817
 Project Engr.: Closed Site
 Oversight Samples Requested By
 Project Engineer
 () Yes* () No
 Reason: VERIFY actual tank
location

T 019770

Purpose	Type	Sampling				Comments
		Yes	No	Soil	Water	
Tank Closure						N/A Hills Projected 0007
Initial Site Assessment						
Final Site Assessment						
Remediation						
Post Remediation Verification						
Mobil Lab	Yes ___ No ___	Lab Analysis:				

Work Plan Approval: Letter ___ Verbal ___ By N/A Date _____
 Work Request By Project Engineer: By N Date 3/3/94
 Type of Contamination: _____
 Health and Safety Plan Submitted and In File: Yes ___ No ___
 Will Mail ___ Will Federal Express ___ Will Fax ___
 Will Hand Deliver ___ Will Have Copy on Site ___
 Assigned Inspector: _____

If samples are requested, Project Engineer to determine number, location and depth.
 Comments: Caller claims address on file is not correct (28215 W Agoura Hills Rd), tank location address. Stated that tanks were actually located at 28244 Dorothy Drive, Agoura Hills. Please investigate.



COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

November 27, 1991

IN REPLY PLEASE REFER TO FILE
1-14817

Mr. Fred Sperber
Hydro-West
28215 West Agoura Hills Road
Agoura Hills, CA 91301-0116

Dear Mr. Sperber:

**HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION
CLOSURE PERMIT NO. 5458B
FACILITY LOCATION: 28215 WEST AGOURA HILLS ROAD, AGOURA HILLS**

This office has reviewed the final report submitted on November 18, 1991. Based on the information submitted, this letter confirms the completion of site investigation and remedial action at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings or site usage.

If you have any questions regarding this matter, please contact Scott Small at (818) 458-3996.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works


Pat A. Proano
Supervising Civil Engineer II
Waste Management Division

SS:ts
WP/14817

cc: California Regional Water Quality Control Board



LOK Environmental, Inc.

674 County Square Drive, Suite 201D, Ventura, CA 93003 (805) 658-5445

White

August 16, 1991

102325 - -14817

P-1203-1

Mr. Scott Small
Waste Management Division
Los Angeles County Department of Public Works
UST Local Oversight Program
Annex Building, P. O. Box 1460
Alhambra, California 91802-1460

RECEIVED
AUG 27 1991
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Subject: Sampling of Groundwater at the HYDRO WEST Facility on 28215 West Agoura Road, Agoura, California.

Dear Mr. Small:

LOK Environmental, Inc. (LOK), has completed groundwater sampling to establish current groundwater integrity adjacent to a former LUFT site at the above-mentioned facility. The outcome of this work along with a brief review of previous investigations and remedial actions at the site are incorporated in this Letter Report.

In brief, the collection and analysis of groundwater samples showed no degradation in the quality of groundwater. Laboratory analysis verified that no total petroleum hydrocarbons (TPH) or benzene, toluene, xylenes, and ethylbenzene (BTX&E) concentrations are present in the downgradient monitoring well. Hence, recommendations are presented for "no further action".

We trust that the information provided is satisfactory for your present needs. Should you have any questions or would like to discuss the contents of the attached report in greater detail, please contact me.

Sincerely,
LOK Environmental, Inc.

David H. Klise, R.G., C.P.G., R.E.A.
Director Environmental Services

Report Reviewed and Authorized
for Release By:

HYDRO WEST Representative

Date: 8-19-91

DHK:di

cc: Fred Sperber

INTRODUCTION

LOK Environmental, Inc. (LOK), has completed five (5) previous reports detailing site conditions at the former Leaky Underground Fuel Tank (LUFT) site at the Hydro West facility located at 28215 West Agoura Hills Road in Agoura Hills, California (Plate 1). The first report described the results of preliminary field-data acquisition (UST's removal & soils removal). Since localized leakage from one (1) UST was evident, the extent and magnitude of released gasoline to soils underlying the former LUFT were further investigated and presented in a second report. A third phase of study and report became necessary when a shallow groundwater table was encountered during the second phase. Groundwater-flow direction and verification of local groundwater conditions were investigated and presented in a fourth report. Additional remediation work involved the excavation and removal of approximately 60 tons of impacted soils as documented in a fifth report. This sustained progression of work fulfilled all requirements as stipulated by various review personnel of the Department of Public Works, Los Angeles County.

The collective findings of these reports demonstrated that the former LUFT site added no significant hazard to public health, welfare, and environment. To further verify these findings, the Department of Public Works recommended that additional work be performed to establish current groundwater integrity in the vicinity of the former LUFT location (Attachment A). The purpose of this investigation was, therefore, to provide continuing information on the nature of groundwater adjacent to the former LUFT locality (Plate 2). To comply with this recommendation, the work described herein was accomplished. This includes the sampling of groundwater, field observations, results of the laboratory analyses, and investigation findings and interpretations. Information contained in this report will not be released by LOK unless expressed and written permission is received from Hydro West (see cover page).

Necessary precautions were practiced at all times to ensure a safe-working environment as specified in a Site Health and Safety Plan. The Waste Management Division of the Los Angeles County Department of Public Works was notified prior to commencing planned site activity. Inspector Tom Custard of the County visited the site during field operations to witness the groundwater sampling techniques.

INVESTIGATION PROCEDURES

Groundwater sampling was performed on monitoring well MW-1 (Plate 2). Procedures were employed collect a representative groundwater sample from the well as per Regional Water Quality Control Board preferences (see Attachment B for procedures). Overall project management for monitoring well sampling and field-data acquisition was conducted by LOK. Well-development procedures were performed by Gregg Drilling & Testing, Inc., of Santa Fe Springs, California. Field work was undertaken on July 30, 1991.

Before collecting groundwater samples from MW-1, the depth to water table was measured and recorded using an electronic water-level sensing device. The amount of water standing in the well casing was then calculated and recorded as one (1) well volume. This well was then developed using a SMEAL development rig. A clean pump apparatus was methodically run through the screened interval to produce a surging effect. Surging and pumping were performed with a sand-line winch installed on the sampling rig. This procedure continued until indicator parameter measurements (temperature, conductivity, and pH) stabilized. This usually results somewhere in between four (4) to ten (10) well volumes having been bailed/pumped. Purged water was contained in a 17-C D.O.T.-approved drum and left onsite. Field data pertinent to the development of the well are presented in Attachment C.

Once well water stabilized and following the removal of the last well volume, the water level was allowed to recover to about 80 percent of the initial level. Water samples for laboratory analyses were then obtained using a dedicated (i.e., brand new) Teflon bailer with a bottom emptying valve. Two (2) groundwater samples (i.e., one backup sample) were collected in 40-ml clear bottles with Teflon-lined septa cap. The groundwater sample-collection and quality-control procedures followed are also detailed in Attachment B.

All groundwater samples were delivered for chemical analyses to Enseco/CRL in Ventura, California. The samples were analyzed for the presence of total petroleum hydrocarbons (TPH) by Department of Health Services (DOHS) modified EPA method 8015, and for benzene, toluene, xylene, and ethybenzene (BTX&E) by EPA method 8020 (for groundwater). The samples were accompanied by an appropriate Chain-of-Custody form, a copy of which is provided in Attachment D.

RESULTS

The depth to groundwater, taken on July 30, 1991, measured 18.98 feet in MW-1. No visible free-floating product was present on the surface of the groundwater table in the initial sample collected in a clear, acrylic bailer. Neither was the presence of hydrocarbon odor and/or oily sheen evident from field inspection of groundwater samples.

Laboratory analysis results of the groundwater sample from MW-1 revealed TPH and BTX&E concentrations below maximum detection levels (MDL's) of 0.5 parts per million (ppm) and 0.0003 ppm, respectively. The laboratory report listing the analytical results is provided as Attachment E. The results of the laboratory analyses performed on the groundwater sample are summarized below:

Sample ID Number	Map Location (See Plate 2)	TPH ¹ (ppm)	B ² (ppm)	T ² (ppm)	X ² (ppm)	E ² (ppm)
W-01-03	Monitoring Well MW-1	ND ³	ND	ND	ND	ND
W-01-04 (Backup)	Monitoring Well MW-1	NA ⁴	NA	NA	NA	NA

TPH¹ = Total Petroleum Hydrocarbons by DOHS/LUFT Method;
 BTX&E² = Benzene, Toluene, Xylenes, & Ethylbenzene by Method 8020;
 ND³ = None Detected;
 NA⁴ = Not Analyzed.

DISCUSSION and CONCLUSIONS

The preferred direction of groundwater flow had been previously determined to be towards MW-1 which is directly down-gradient from the nearby (i.e., approximately 20 feet) former LUFT site. The groundwater sample collected from this well produced no objective field evidence nor detectable analytical concentrations for the presence of hydrocarbon-product components. These findings, therefore, indicate that the groundwater aquifer explored in this investigation is not impacted by the constituents of petroleum product such as those found in gasoline. Therefore, it is concluded that the source of hydrocarbon product has been eliminated in the area of the former LUFT site. Thus, soil cleanup efforts have been effective and the site should be considered for closure.

RECOMMENDATIONS

1. Based on the findings of this study, further remedial/response actions are no longer warranted in the vicinity the former LUFT site, since no apparent petroleum-product was discovered to impact the ground-water beneath the site.
2. It is recommended that further response actions are not necessary and that the site be considered for closure.
3. A copy of this report should remain on file at HYDRO WEST business offices for record of information that may be required in the event of future environmental audits.

LIMITATIONS

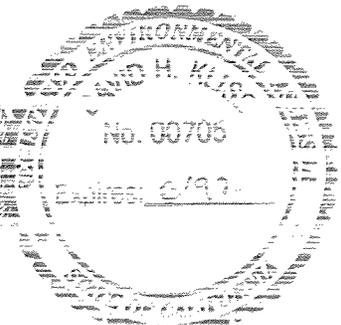
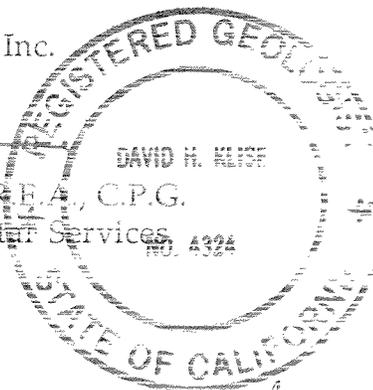
This report has limitations, and as such, should not be construed that all possible site conditions were identified. It is possible that variations in the soil and/or groundwater conditions could exist beyond points explored during the course of this investigation. Also, interpretation of data could be influenced by later changes in site conditions due to possible variations in rainfall, temperature, regional water usage or other factors not apparent at the time of the field investigation. Additional data may allow for the re-interpretation of conditions. It should be recognized that there is no guarantee this study has covered all possible environmental issues at the site. As such, nothing in this project can be construed as a fixed finding without regard to sound geological/engineering judgement nor is it intended to override applicable federal, state, or local regulatory authority.

The standard of services performed by LOK was conducted in a manner consistent with the level of care and skill ordinarily exercised by professional geologists practicing under similar conditions in the State of California. No other warranty is expressed or implied.

LOK Environmental, Inc.



David H. Klise, R.G., R.E.A., C.P.G.
Director Environmental Services





LOK Environmental, Inc.

674 County Square Drive, Suite 201D, Ventura, CA 93003 (805) 658-5445

I-14817

101613

P-1200-1

June 10, 1991

Mr. Scott Small
Waste Management Division
Los Angeles County Department of Public Works
UST Local Oversight Program
Annex Building, P. O. Box 1460
Alhambra, California 91802-1460

RECEIVED
JUN 19 1991
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Subject: Removal of hydrocarbon-impacted soils on the HYDRO WEST facility at 28215 West Agoura Road in Agoura, California.

Dear Mr. Small:

LOK Environmental, Inc., has completed a shallow soils investigation on the above-mentioned property. This Letter Report includes a brief description of previous work at this site, soil-removal procedures, soil sampling and analysis techniques, laboratory results, conclusions, and recommendations.

In brief, approximately 60 tons of impacted soil were excavated and removed from the site. Following this initial cleanup response, laboratory analysis verified that no residual total petroleum hydrocarbon (TPH) or benzene, toluene, xylenes, and ethylbenzene (BTX&E) concentrations remain in subsurface soils at the excavation locality. Hence, recommendations are presented for "no further action".

We appreciate being of service to you and trust that the information provided is satisfactory for your present needs. Should you have any questions or would like to discuss the contents of the attached report in greater detail, please contact me.

Sincerely,
LOK Environmental, Inc.

David H. Klise, R.G., C.P.G., R.E.A.
Director Environmental Services
DHK:di

Report Reviewed By:

HYDRO WEST Representative
Date: JUNE 14, 1991

cc: Fred Sperber

Attachment - 1

INTRODUCTION

LOK Environmental, Inc., (LOK) has completed four separate reports detailing site conditions at the former Leaky Underground Fuel Tank (LUFT) site at the Hydro West facility located at 28215 West Agoura Hills Road in Agoura Hills, California (Plate 1). The first report described the results of preliminary field-data acquisition. The extent and magnitude of released product to soils underlying the former LUFT were further investigated and presented in a second report. A third phase of study and report became necessary when a shallow groundwater table was encountered during the second phase. Groundwater-flow direction and verification of local groundwater conditions were investigated and presented in a fourth report. This progression of work fulfilled all requirements as developed during pro-active negotiations with review personnel of the Department of Public Works, Los Angeles County.

In response to the findings of these reports, the Department of Public Works recommended that additional work be performed to remove the hydrocarbon-impacted soils in the vicinity of the former location of the buried fuel tanks (Attachment A). In regard to this recommendation, the work described herein was undertaken. Information contained in this report will not be released by LOK unless expressed and written permission is received from Hydro West.

The contents of this Letter Report describe field procedures for excavation of hydrocarbon-affected soils and sampling the remaining soil. Field observations, results of the laboratory analyses, and investigation findings and interpretations are included as well. Based on the results of this investigation, it is recommended that continued remediation at this site is not necessary.

The backhoe employed in this procedure was supplied and operated by Sam Hill & Sons, Inc. of Ventura, California. Ecology Control Industries, Inc., also of Ventura, supplied dump trucks and hauling services.

Necessary precautions were practiced at all times to ensure a safe-working environment as specified in a Site Health and Safety Plan. Inspector Tom Custard of the Waste Management Division of the Los Angeles County Department of Public Works visited the site to witness the soil-excavation and sampling activities.

INVESTIGATION PROCEDURES

Approximately 30 tons of clean fill material from the tank removal was excavated and segregated for future use. Continuous in-field monitoring of exposed soils by an organic-vapor analyzer was conducted to ensure that fill material had not been contaminated and was properly segregated. The field instrument employed was a PhotoVac MICROTIP which utilizes a photo-ionization detector (PID) to indicate the presence of volatile-organic vapors (Attachment B).

Vapor readings registered on the MICROTIP from exposed soils underlying the backfill material provided a preliminary indication of hydrocarbon-fuel component concentrations. Not only did the soils here exhibit a strong petroliferous odor, but also, displayed a grayish-green coloration indicative of hydrocarbon staining. These coloration differences along with high MICROTIP-vapor readings gave an indication as to which areas appeared to contain hydrocarbon-fuel components. In contrast, those soils exhibiting a yellowish-brown coloration occupied areas where MICROTIP readings recorded non-detectable responses for hydrocarbon vapors.

Using the above preliminary criteria, soils having relatively high MICROTIP readings and dark-grey coloration were excavated. Excavation of this type of soil continued to below-grade depths where MICROTIP vapor readings revealed no detection of hydrocarbon content and the soil horizon exhibited the normal yellowish-brown coloration. The fill/soils removal created an excavation with dimensions of approximately 9 X 12 X 18 feet. This equates to a total volume of nearly 72 cubic yards (~90 tons; Plate 2). Of this, approximately 60 tons were suspected of containing hydrocarbon-fuel components and removed.

Affected soils were hauled to the soil recycling facility at Gibson Oil and Refining Company, Inc., of Bakersfield, California (see Attachment C for a copy of the Hazardous Waste Facility Permit and the Contaminated Soils Profile Sheet). This facility is capable of recycling soils that may contain minor amounts of hazardous materials such as organic compounds. The process utilizes a high-torque solids mixer, and blends hazardous recycled solids with silicates and cementous materials to form a non-hazardous product that can be used as a road mix or ground cover for landfill sites.

Upon removal of the degraded soils from the excavation, groundwater flooded the floor of the excavation. Therefore, verification soil samples were collected from the base of each side of the four-sided excavation pit (i.e., within 10 feet of each other) to ensure that all affected material was removed (Plate 2). Samples were obtained at depths of 18 feet below surface grade. Soils were reached at each of these sampling points by use of the backhoe bucket. All equipment used in the collection of discrete samples was decontaminated between each sampling to prevent the possibility of cross contamination.

A total of four (4) soil samples were collected in pre-washed brass tubes and were inspected by sight and smell for the presence of hydrocarbon product. Samples were immediately sealed with fitted teflon-lined end caps, labeled, and placed in a chilled ice chest to stabilize the chemical conditions within the soils. Companion samples were qualitatively analyzed for the presence of product vapors with the MICROTIP instrument. This was accomplished by placing a soil aliquot from each sampling location into a ziplock plastic bag and measuring vapor concentrations in the sealed headspace with the MICROTIP instrument. Readings from the instrument, calibrated relative to isobutylene, at 100 parts per million (ppm), were noted and recorded for each sealed sample. This on-site technique was useful in assessing relative organic-vapor concentrations in the exposed soils.

On the day following collection, soil samples were delivered to Enseco-CRL, a state certified laboratory in Ventura, California, for analyses. Appropriate chain of custody forms were filled out and accompanied samples to the laboratory. The completed chain of custody form is provided as Attachment D. Soil samples collected from the excavation pit were analyzed for Total Petroleum Hydrocarbons (TPH) by Department of Health Services (DOHS) method (calibrated for gasoline) and for Benzene, Toluene, Xylenes, and Ethylbenzene (BTX&E) by EPA Method 8020.

Following removal and sampling of soils, nearly 60 tons of uncompacted, clean, gravel and sand fill material was delivered to the site and placed into the excavation hole with the previously used fill material to replace an equivalent amount removed from the excavation. The backfill material was recompactd to relative compaction of better than 90 per cent. The site was completed by smoothing the backfill material to match existing grade level.

RESULTS

Laboratory analysis results of soil samples from the excavation pit revealed TPH and BTX&E concentrations below maximum detection levels (MDL's) of 1 parts per million (ppm) and 0.005 ppm, respectively. The laboratory report listing the analytical results is provided as Attachment E. The results of the discrete field and laboratory analyses performed on each soil sample, along with corresponding vapor-survey values for these same samples can be summarized as follows:

Sample ID Number	Map Location (See Plates 1&2)	TIP ¹ (ppm)	TPH ² (ppm)	B ³ (ppm)	T ³ (ppm)	X ³ (ppm)	E ³ (ppm)
NW-01-18	Excavation North Wall Bottom	ND ⁴	ND	ND	ND	ND	ND
EW-01-18	Excavation East Wall Bottom	ND	ND	ND	ND	ND	ND
SW-01-18	Excavation South Wall Bottom	ND	ND	ND	ND	ND	ND
WW-01-18	Excavation West Wall Bottom	ND	ND	ND	ND	ND	ND

TIP ¹ = PhotoVac MICROTIP Soil-Vapor Analysis;
 TPH ² = Total Petroleum Hydrocarbons by DOHS/LUFT Method;
 BTX&E³ = Benzene, Toluene, Xylenes, & Ethylbenzene by Method 8020;
 ND⁴ = None Detected;

DISCUSSION and CONCLUSIONS

Results of sampling of the soils encompassing the site ensured that all affected subsurface soils had been excavated and removed from the site. It appears that no significant amounts of released hydrocarbons have migrated beyond the removed soils and into the soils adjacent to or groundwater below the excavation. This was verified by the lack of TPH concentrations in soils forming the base of the walls of the pit.

Based on the results of the Site Assessment Investigation and current public health and safety guidelines, it is our opinion that no further response action is warranted. The site-assessment data indicate that the release volume had been

sufficiently defined and limited in extent. Now that significant concentrations of hydrocarbon-fuel product have been eliminated by removal of affected soils, any long-term impacts on public health and safety are considered alleviated. Since our tests indicate that public health and safety guidelines have been satisfied, we do not feel that any further remedial action is necessary.

RECOMMENDATIONS

Based on the findings of this Site Assessment Investigation, the following are recommended: 1) further response actions are not needed; and 2) a copy of this report remain on file with Hydro West for record of information that may be required in the event of future environmental audits or property transactions.

LIMITATIONS

This report has limitations, and as such, should not be construed that all possible site conditions were identified. It should be recognized that there is no guarantee this study has covered all possible environmental issues at the site. It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. Additional data may allow for the re-interpretation of conditions.

The standard of services performed by LOK were conducted in a manner that is consistent with the standard level of care and skill ordinarily exercised by professional registered geologists and environmental assessors practicing under similar conditions in the State of California. No other warranty is expressed or implied.

LOK Environmental, Inc.



David H. Klise, R.G., R.E.A., C.P.G.
Director Environmental Services

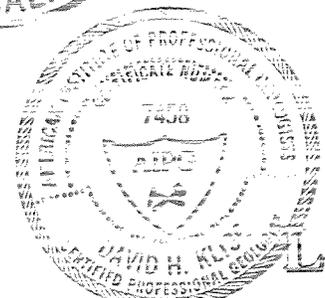
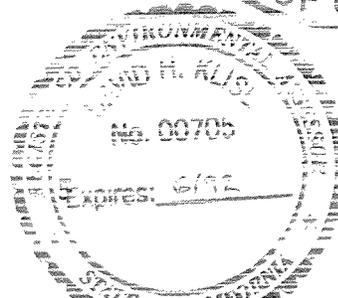
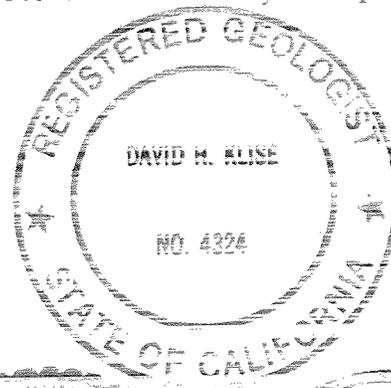
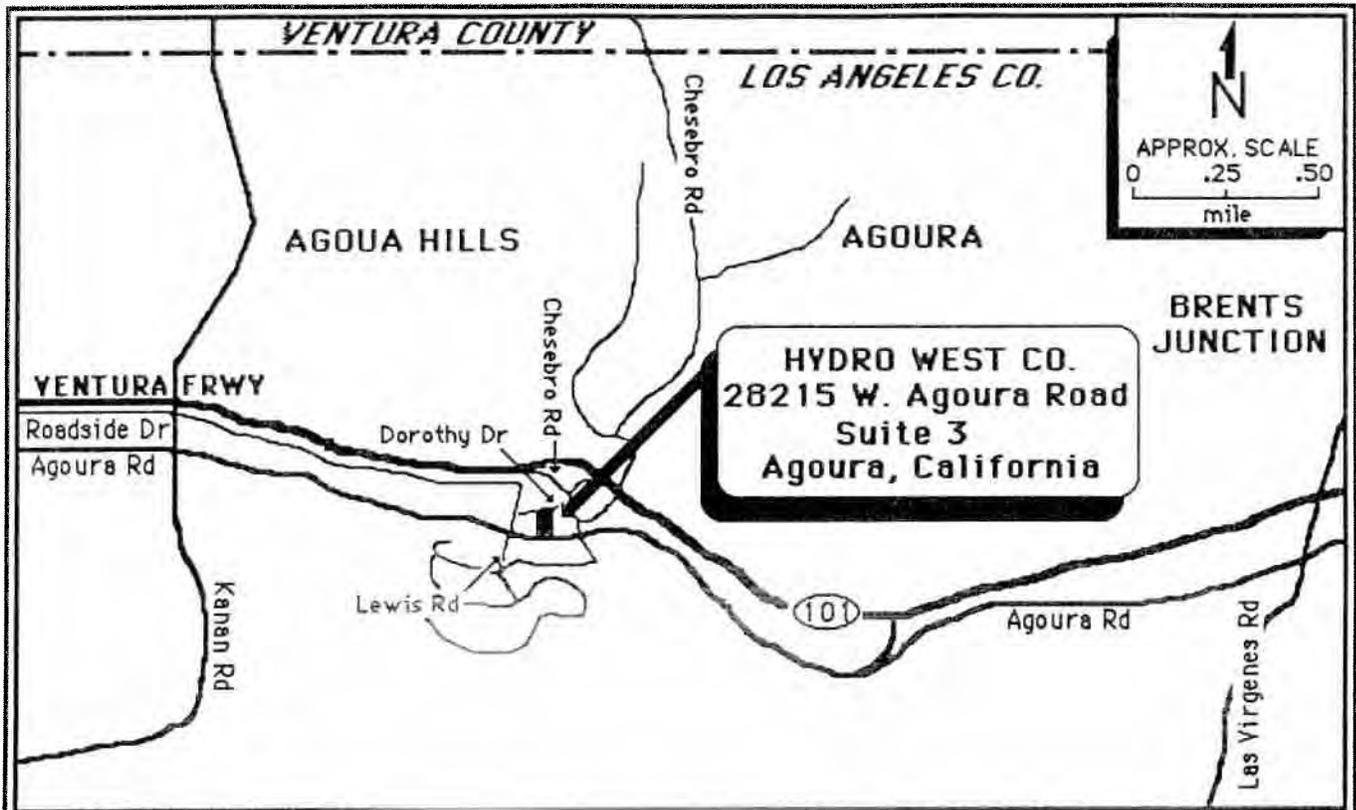


PLATE 1
SITE LOCATION MAP



Southern California Counties



LOK Environmental, Inc.

P-1200-1

JUNE 1991

HYDRO WEST COMPANY
AGOURA HILLS, CALIFORNIA

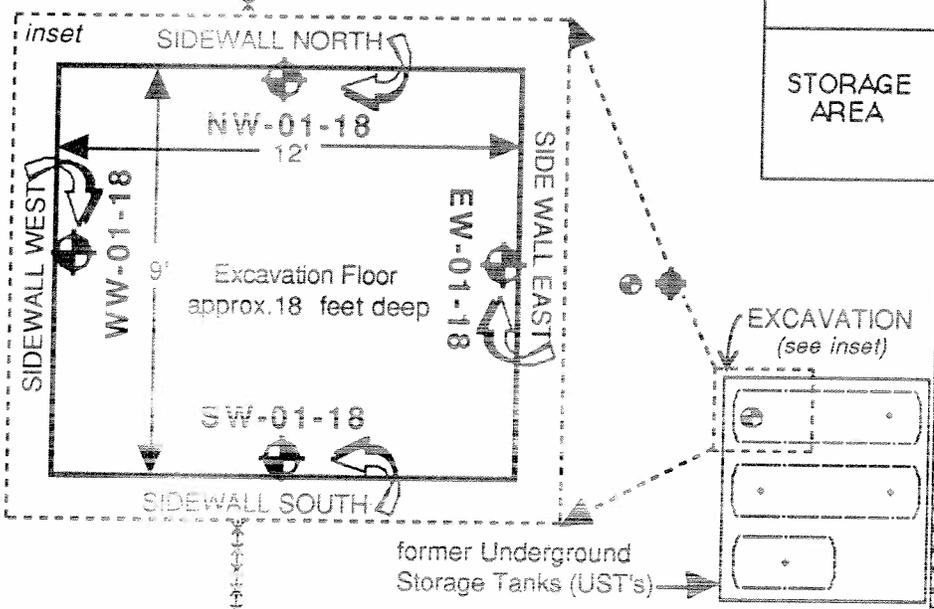
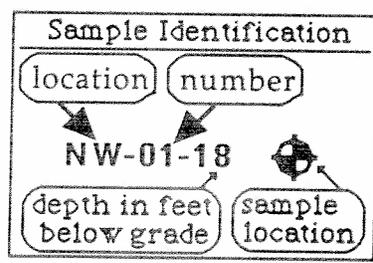
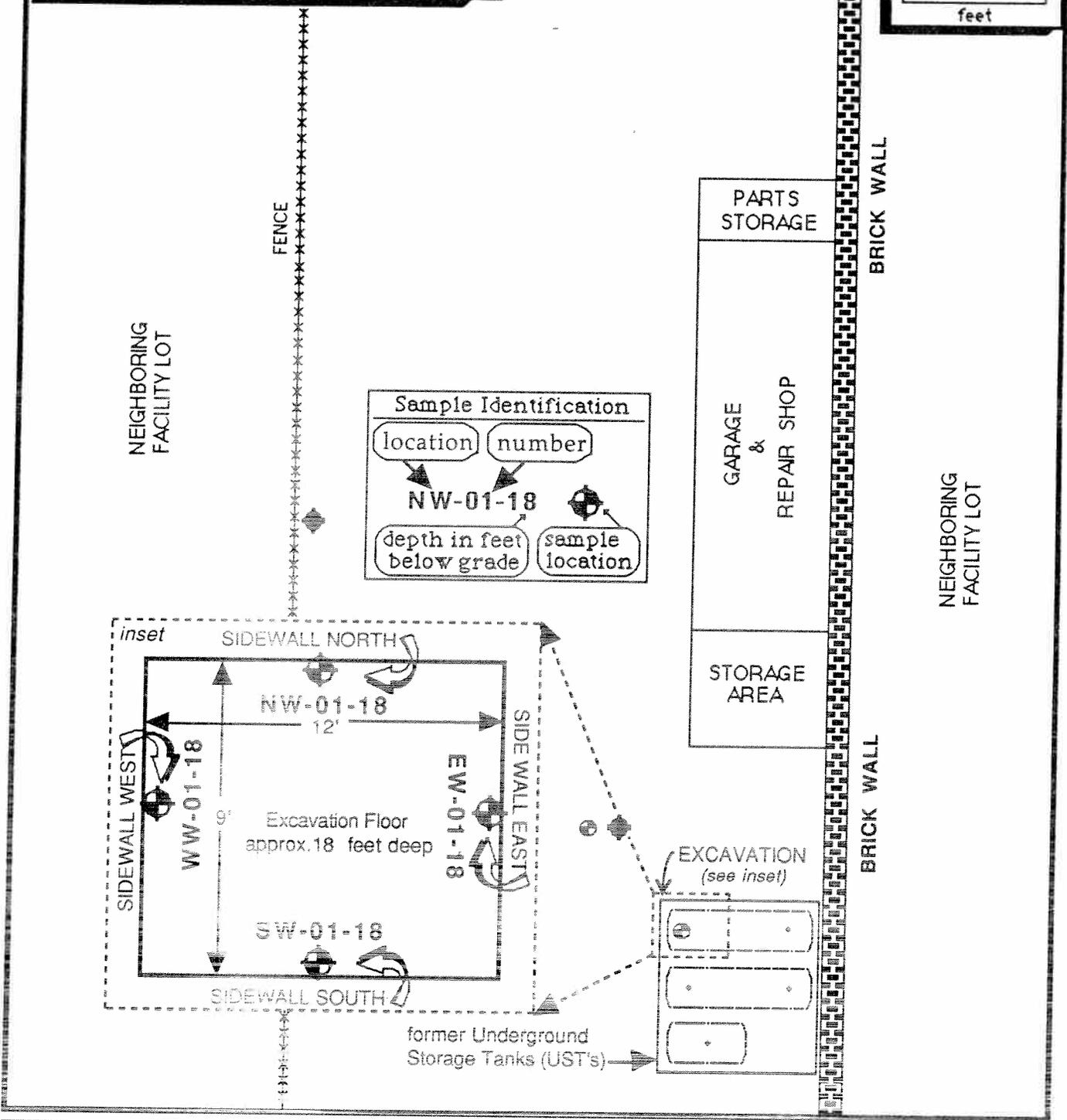
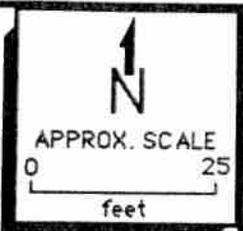
SITE LOCATION MAP

PLATE

1

PLATE 2
DETAILED SITE MAP

EXPLANATION	
EXPLORATORY BOREHOLE LOCATION	MONITORING WELL LOCATION



**Los Angeles Regional Water Quality Control Board
(Geotracker Information)**



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

October 20, 2009

Mr. Ian Robb
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Rm. 3612
San Ramon, CA 94583

UNDERGROUND STORAGE TANK PROGRAM – CASE CLOSURE
CHEVRON STATION #9-9693
5221 NORTH PALO COMADO ROAD, AGOURA HILLS (I.D. # R-09912)

Dear Mr. Robb:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

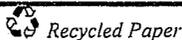
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of section 25296.10 of the Health and Safety Code.

Because the subject site is currently an active gasoline service station, we recommend that you properly maintain all or some existing monitoring wells onsite, so that they would be available should further monitoring be deemed necessary. However, if you choose to abandon these wells, you must comply with the following:

1. All wells must be located and properly abandoned.
2. Well abandonment permits must be obtained from the Los Angeles County Department of Public Health, Environmental Health Division, and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Ian Robb
Chevron Environmental Management Company

- 2 -

October 20, 2009

3. You must submit a report on the abandonment of the wells to this office by **January 15, 2010**. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

Please contact Mr. Jay C. Huang at (213) 576-6711 if you have any questions regarding this matter.

Sincerely,

Samuel Unger AEO for

Tracy J. Egoscue
Executive Officer

cc: Yvonne Shanks, State Water Resources Control Board, Underground Storage Tank
Cleanup Fund
Tim Smith, County of Los Angeles, Department of Public Works, Environment Program
Division
Nancy Matsumoto, Water replenishment District of Southern California
Samuel Lacey, Science Applications International Corporation



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losAngeles>

Arnold Schwarzenegger
Governor

October 6, 2009

President
Bhullar Limited Liability Co.
5221 North Palo Comado Canyon Road
Agoura Hills, CA 91301

**UNDERGROUND STORAGE TANK PROGRAM – AB681 PRE-CLOSURE NOTICE
CHEVRON STATION #9-9693
5221 NORTH PALO COMADO CANYON ROAD, AGOURA HILLS, CALIFORNIA
(I.D. R-09912)**

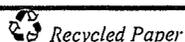
Dear Sir:

The California Regional Water Quality Control Board, Los Angeles Region, is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within Los Angeles and Ventura counties. As such, we are the lead regulatory agency for overseeing corrective action and cleanup of releases from leaking underground storage tank systems at the site located at 5221 North Palo Comado Canyon Road, Agoura Hills, California. We have completed our review and evaluation of information provided to this agency for the underground storage tank release(s) at the above-described location, and have determined that this case meets the Regional Board low risk criteria for case closure.

Pursuant to the California Health and Safety Code (Sections 25296.20) and Division 7 the Porter Cologne Water Quality Control Act under AB 681, the Regional Board is required to notify all current fee title holders for a site impacted by underground storage tank release(s) prior to considering corrective action or granting case closure. You have been identified as a fee title holder for the subject site by an underground storage tank release and we are notifying you of our plan to close this low risk underground storage tank case. In order to expedite the closure process we are requesting that you provide us with any comments on the proposed plan to close this case in writing by **October 19, 2009**. If you do not wish to participate, you need not respond. If we do not receive a response by **October 19, 2009**, the case will be closed and you will be notified of our action.

If you wish to obtain additional information about the case, you may arrange to review the UST case file for this site by mailing in a written request by the response date to the address in the letterhead above or by faxing in a written request to (213) 576-6707. Regional Board staff will then contact you and arrange a time and date to visit the Regional Board and review the files requested.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

President
Bhullar Limited Liability Co.

-2-

October 6, 2009

If you have any questions, please contact Mr. Jay Huang at (213) 576-6711.

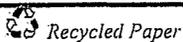
Sincerely,



Yue Rong, Ph.D.
Section Chief
Underground Storage Tanks Section

cc: Yvonne Shanks, State Water Resources Control Board, UST Cleanup Fund
Tim Smith, Los Angeles County Department of Public Work, Environmental Program
Division
Nancy Matsumoto, Water Replenishment District of Southern California
Sam Lacey, SAIC
Ian Robb, Chevron Environmental Management Company

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

**Case Closure Request
Chevron Station No. 9-9693
5221 North Palo Comado Canyon Road
Agoura Hills, California
LARWQCB Case No. R-09912, Priority D1**

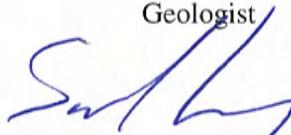
July 23, 2009

Prepared for
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3612
San Ramon, California 94583

Science Applications International Corporation



Christopher Lewis
Geologist



Samuel Lacey
Professional Geologist No. 8263

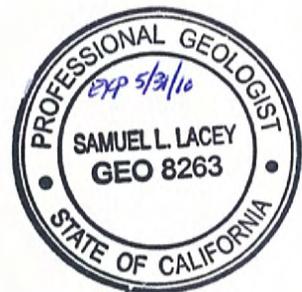


TABLE OF CONTENTS

EXECUTIVE SUMMARY	III
1.0 INTRODUCTION.....	1
SITE BACKGROUND	2
2.1 SITE DESCRIPTION	2
2.2 REGIONAL AND SITE-SPECIFIC GEOLOGY	2
2.3 REGIONAL AND SITE-SPECIFIC HYDROGEOLOGY	2
2.4 PREVIOUS ENVIRONMENTAL ACTIVITIES.....	3
3.0 SITE CHARACTERIZATION	6
3.1 PETROLEUM HYDROCARBONS IN SOIL	6
3.1.1 Cleanup Criteria	6
3.1.2 Distribution	6
3.2 PETROLEUM HYDROCARBONS IN GROUNDWATER.....	7
3.2.1 Cleanup Criteria	7
3.2.2 Distribution	7
3.3 RISK EVALUATION	7
3.4 WELL AND CONDUIT SURVEY	8
4.0 CASE CLOSURE RATIONALE	9
5.0 CONCLUSIONS AND RECOMMENDATIONS.....	10
6.0 REFERENCES.....	11

TABLES

Table 1 Historical Soil Analytical Data
Table 2 Additional Baseline Assessment Soil Analytical Data
Table 3 Analytical Laboratory Results for Volatile Organics
Table 4 Historical Groundwater Analyses and Gauging Results

PLATES

Plate 1 Site Location Map
Plate 2 Site Vicinity Map
Plate 3 Site Plan Showing Soil Boring, Soil Sampling, and Groundwater Monitoring Well Locations

APPENDIX

Appendix A GeoTracker Sites

DISTRIBUTION

Copy 1: Mr. Dave Bjostad,
Regional Water Quality Control Board
Copy 2: Mr. Ian Robb,
Chevron Environmental Management Company
Copy 3: SAIC Project File

EXECUTIVE SUMMARY

This report presents a Case Closure request for Chevron Service Station No. 9-9693, located at 5221 North Palo Comado Canyon Road, in Agoura Hills, California (Plate 1). The site is an operating Chevron service station located on the northwestern corner of the intersection of Palo Comado Canyon Road and the northbound on-ramp of U.S. Highway 101 (Plate 2). Existing structures include the station building, four fuel dispenser islands, and three 10,000-gallon underground storage tanks (USTs) containing gasoline. An Alliance (former Shell) service station is located across Palo Comado Canyon Road to the east.

The subject site is located in the western Transverse Ranges geomorphic province of California. The site is on the north flank of the Santa Monica Mountains, about 2 miles south of the Simi Hills crest. The site is at the eastern edge of a small valley located where Palo Comado and Cheseboro Canyons join Lindero Canyon.

The site occupies the south limb of a small syncline, which is part of the roughly east-west-trending set of folds that make up the Simi Hills. The site is about 1 mile northwest of the northern projection of the north-striking Liberty Canyon Fault, and about 7 miles north of the east-west striking Malibu Coast Fault. The site is underlain by Quaternary alluvium which consists of lean sandy clay, and is located west of and adjacent to a hillside comprised of north-dipping shale strata of the Tertiary Upper Topanga Formation.

The site is located in the South Coastal Hydrologic Study Area, in the Conejo-Tierra Rejada Volcanic Areas Groundwater Basin. The site is located about 0.1 mile east of Lindero Canyon Creek, approximately 7.5 miles north of the Pacific Ocean, and approximately 6.8 miles east of Lake Sherwood Reservoir.

Previous subsurface investigations indicate that the site is underlain primarily by silty clay and clay to a depth of 30 feet below ground surface (bgs), and then sandy silt, silt, and clay to the maximum explored depth of 100 feet bgs.

Based on previous investigations, the site appears to be adequately assessed. Current conditions indicate that the site poses minimal risk to human health and/or the environment and should be evaluated for case closure.

1.0 INTRODUCTION

On behalf of Chevron Environmental Management Company (CEMC), Science Applications International Corporation (SAIC) is pleased to submit this Case Closure Request for Service Station No. 9-9693, located at 5221 North Palo Comado Canyon Road in Agoura Hills, California (Plate 1).

- The purpose of this report is to provide a case closure rationale based on the geologic, hydrogeologic, and environmental conditions observed at the site.

Inquiries regarding this Case Closure Request should be directed to:

<p>Sam Lacey Science Applications International Corporation 590 West Central Avenue, Suite I Brea, California 92821 Telephone: 714-257-6418 Fax: 714-257-0548 e-mail: laceysa@saic.com</p>	<p>Ian Robb Chevron Environmental Management Company 6111 Bollinger Canyon Road, Room 3612 San Ramon, California 94583 Telephone: 925-543-2375 Fax: 925-543-2324 e-mail: ianrobb@chevron.com</p>
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2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The site is located at 5221 North Palo Comado Canyon Road, in Agoura Hills, California (Plate 1). The site is an operating Chevron service station located on the northwestern corner of the intersection of Palo Comado Canyon Road and the northbound on-ramp of U.S. Highway 101 (Plate 2). Existing structures include the station building, four fuel dispenser islands, and three 10,000-gallon USTs containing gasoline. An active Alliance (former Shell) service station is located across Palo Comado Canyon Road to the east.

2.2 REGIONAL AND SITE-SPECIFIC GEOLOGY

The subject site is located in the western Transverse Ranges geomorphic province of California (Norris and Webb, 1990). The site is on the north flank of the Santa Monica Mountains, about 2 miles south of the Simi Hills crest (U.S. Geological Survey, 1952). The site is at the eastern edge of a small valley located where Palo Comado and Cheseboro Canyons join Lindero Canyon.

The site occupies the south limb of a small syncline, which is part of the roughly east-west-trending set of folds that make up the Simi Hills. The site is about 1 mile northwest of the northern projection of the north-striking Liberty Canyon Fault, and about 7 miles north of the east-west striking Malibu Coast Fault. The site is underlain by Quaternary alluvium which consists of lean sandy clay, and is located west of and adjacent to a hillside comprised of north-dipping shale strata of the Tertiary Upper Topanga Formation. The Topanga formation generally consists of shale and sandstone with minor conglomerate (Dibblee, 1992). The basement core consists of a highly foliated slate and schist formation, referred to as the Santa Monica slate (Jennings, 1992). Alluvial sediments fill the bottoms of the canyons. Previous subsurface investigations indicate that the site is underlain primarily by silty clay and clay to a depth of 30 feet bgs, and then sandy silt, silt, and clay to the maximum explored depth of 100 feet bgs.

2.3 REGIONAL AND SITE-SPECIFIC HYDROGEOLOGY

The State Department of Water Resources has divided California into twelve hydrologic areas. The site is located in the South Coastal Hydrologic Study Area, in the Conejo-Tierra Rejada Volcanic Areas Groundwater Basin (California Department of Water Resources [CDWR], 2003). The site is located about 0.1 mile east of Lindero Canyon Creek, approximately 7.5 miles north of the Pacific Ocean and approximately 6.8 miles east of Lake Sherwood Reservoir.

The depths to groundwater beneath the site vary greatly. On October 8, 2008, groundwater data were collected from the Alliance station located at 5226 Palo Comado Canyon Road, approximately 300 feet

east of the subject site. During this event, the depths to groundwater ranged from 10.05 to 26.25 feet bgs, and the direction of groundwater flow beneath this station was toward the southwest [Delta Consultants (Delta), 2009]. The Alliance station is an open environmental case (Number I-05924A), assigned by the Los Angeles Regional Water Quality Control Board (LARWQCB) (GeoTracker, 2009). Groundwater data collected during January 2004 at a Tosco - 76 station located at 28203 West Dorothy Drive, Agoura Hills, approximately 600 feet southwest of the subject site, indicated that first water was encountered at depths from 12.99 feet to 15.15 feet bgs. The 76 station is also an open environmental case (Number R-02634), assigned by the LARWQCB (GeoTracker, 2009).

2.4 PREVIOUS ENVIRONMENTAL ACTIVITIES

In September 1981, Tait & Associates, Inc. (Tait) advanced six exploratory soil borings (#1 through #4, #6, and #7) adjacent to the fuel USTs and one exploratory soil boring (#5) southwest of the fuel dispenser islands in response to the discovery of water in the unleaded tank. In boring #2, sand saturated with petroleum hydrocarbons was identified from roughly 3 to 10 feet bgs. Clay was encountered at 12 feet bgs (Tait, 1981).

On July 30, 1987, the Los Angeles County Department of Public Works (LACDPW) requested that an investigation be conducted at the site following the unauthorized release of petroleum hydrocarbons from the 4,000-gallon supreme tank on February 6, 1987.

In April 1988, Groundwater Technology, Inc. (GTI) excavated and removed a 4,000-gallon steel gasoline UST, two 10,000-gallon fiberglass gasoline USTs, and a 1,000-gallon steel used-oil UST. Six soil samples (1 through 6) were collected from beneath the fuel USTs and one soil sample (7) was collected from beneath the used-oil UST for chemical analysis. Total petroleum hydrocarbons as gasoline (TPHg) in samples 1 through 6 were detected at a maximum of 48.0 milligrams per kilogram (mg/kg). Benzene, toluene, ethylbenzene, and total xylenes (BTEX) were not detected in any sample. Total lead was not detected in sample 4. Total recoverable petroleum hydrocarbons (TRPH) were detected in sample 7 at a concentration of 74 mg/kg (GTI, 1988). Documentation regarding the removal of the first-generation dispensers and product lines was not available from CEMC.

On October 28, 1992, the LACDPW informed CEMC that additional requirements (installation of a groundwater discovery well) would need to be met before closure could be considered. On October 29, 1992, the LACDPW issued a non-compliance notice to CEMC and requested that CEMC submit a certification of installation for the three UST tanks (Permit No. 156347).

In February 1996, Bechtel Environmental Inc. (BEI) performed environmental monitoring during the

removal and replacement of the dispensers and associated product piping. Confirmation samples were collected at depths ranging from 3 to 10 feet bgs. Petroleum hydrocarbons were detected northwest, northeast, and southeast of the dispensers. TPHg and benzene were detected at maximum concentrations of 500 mg/kg and 0.73 mg/kg respectively. The affected areas were overexcavated to maximum depths ranging from 3 to 7 feet bgs, and fourteen confirmation samples were collected. Benzene and toluene were detected from the confirmation samples at maximum concentrations of 0.011 mg/kg and 0.022 mg/kg, respectively. TPHg was not detected in any of the confirmation samples (BEI, 1996).

In March 1996, the existing fuel USTs were temporarily removed during the installation of a tank level monitoring system. Soil samples collected from the bottom of the UST basin showed TPHg at a maximum concentration of 80 mg/kg and benzene at 0.17 mg/kg, with the overall highest concentrations at the southern end of the westernmost tank. Based on the results of the sampling, BEI requested site closure, or no further action (BEI, 1996).

The LACDPW issued a “No Further Action” letter (Permit No. 140960) for the site on May 29, 1996.

During August 2003, Secor International, Inc. (SECOR) advanced eight exploratory soil borings onsite (BA-1 through BA-8) to maximum depths of 40 feet bgs. Groundwater was not encountered in any of the soil borings. Total petroleum hydrocarbons as gasoline range organics (TPH-GRO) were detected at a maximum concentration of 2.20 mg/kg from boring BA-4 at a depth of 30 feet bgs. Total petroleum hydrocarbons as diesel range organics (TPH-DRO) and total petroleum hydrocarbons as oil range organics (TPH-ORO) were detected at maximum concentrations of 4.2 mg/kg and 19 mg/kg, respectively, from boring BA-7 at a depth of 15 feet bgs. Methyl tertiary-butyl ether (MtBE) was detected at a concentration of 0.21 mg/kg from a soil sample collected from boring BA-6 at a depth of 10 feet bgs. BTEX were detected at maximum concentrations of 0.01 mg/kg, 0.0043 mg/kg, 0.11 mg/kg, and 0.013 mg/kg, respectively, from boring BA-4 at a depth of 30 feet bgs. Ethanol, di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (EtBE), tertiary-butyl alcohol (TBA), and tertiary-amyl methyl ether (TAME) were not detected in any soil sample collected (Table 1). Soil sample BA-4-30 had detectable levels of 1,2-dichloroethane (0.0026 mg/kg), 1,2,4-trimethylbenzene (0.02 mg/kg), sec-butylbenzene (0.01 mg/kg), isopropylbenzene (0.024 mg/kg), n-propylbenzene (0.063 mg/kg), 1,3,5-trimethylbenzene (0.013 mg/kg), o-xylene (0.032 mg/kg), and m,p-xylenes (0.0094 mg/kg). 1,2-dichloroethane was also detected in samples BA-1-40 and BA-3-35 at 0.0082 mg/kg and 0.0047 mg/kg, respectively, and 1,2,4-trimethylbenzene was detected in sample BA-5-35 at 0.0044 mg/kg. Soil sample BA-7-15 had detectable levels of arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc. Sample BA-8-5 was analyzed for polychlorinated biphenyls, which were not

detectable in this sample (Table 2) (SECOR, 2003).

SAIC advanced soil boring CB-1 on March 22, 2007, and boring CB-2 on July 12, 2007. Groundwater was encountered in boring CB-2 at approximately 8 feet bgs. This boring was subsequently converted into groundwater monitoring well CB-2/MW-1. An initial groundwater sample was collected on July 30, 2007, and an additional groundwater sample was collected on August 23, 2007, for TPH-DRO and TPH-ORO analysis. TPH-DRO and TPH-ORO were detected in all soil samples collected from boring CB-1 with maximum concentrations of 46 mg/kg at 70 feet bgs and 160 mg/kg at 90 feet bgs, respectively. Acetone was detected in the two samples from boring CB-2 at 0.008 J mg/kg at 11 feet bgs and 0.042 mg/kg at 15 feet bgs. TPHg, BTEX, MtBE, DIPE, EtBE, TAME, TBA, and ethanol were not detected in any of the soil samples collected during this investigative effort. All soil samples were analyzed for volatile organic compounds (VOCs). P-isopropyltoluene and 1,2,4-trimethylbenzene were detected in sample CB1-S-60 at 0.0018J mg/kg and 0.00093J mg/kg, respectively. Methylene chloride was detected in sample CB-1-S-90 and CB1-S-95 at 0.0084J mg/kg and 0.0063J mg/kg, respectively. No other VOCs were detected above their respective laboratory detection limits (Table 3). In the initial groundwater samples from CB-2/MW-1, MtBE was detected at a concentration of 0.8J micrograms per liter ($\mu\text{g/L}$). TPH-DRO, TPH-ORO, and TPHg were detected at 5,800 $\mu\text{g/L}$, 12,000 $\mu\text{g/L}$, and 56 $\mu\text{g/L}$, respectively. All other motor vehicle fuel (MVF) constituents were below laboratory detection limits (Table 4).

None of the soil sample results from boring CB-1 and boring CB-2 exceeded the CRWQCB UST closure criteria listed in their Table 4-1 (CRWQCB, 2006).

Based on the fact that groundwater had never been encountered in any of the prior borings at the site, the presence of water in well CB-2/MW-1 appears anomalous. Furthermore, the location of well CB-2/MW-1 is adjacent to the former used-oil UST excavation area. The backfill of the former excavation area is most likely more porous than the surrounding clayey soil, and may be acting as a collection area for irrigation water from the nearby landscaped portions of the site (SAIC, 2007).

The site is a current soil-impacted open case (R-09912) with the LARWQCB. Historical soil analytical data are summarized in Table 1. Additional soil analytical data for metals, additional VOCs, and polychlorinated biphenyls (PCBs) collected during the 2003 baseline assessment are summarized in Table 2. Additional VOC soil data collected during the confirmation boring installation activities in 2007 are summarized in Table 3. Historical groundwater analyses and gauging results are presented in Table 4. The locations of soil borings, soil samples, and the groundwater monitoring well are shown on Plate 3.

3.0 SITE CHARACTERIZATION

3.1 PETROLEUM HYDROCARBONS IN SOIL

The distribution of petroleum hydrocarbons in soil is based on the 141 soil samples collected at the site between 1988 and 2007 and submitted for laboratory analysis, with an emphasis placed on the 92 soil samples collected after the soil removal activities conducted in 1996 (Table 1).

3.1.1 Cleanup Criteria

A variety of factors affect the types and concentrations of hydrocarbon compounds in soil which are considered potentially harmful to human health and the environment. These factors ultimately depend upon the geology of a site, the location of a site relative to drinking water aquifers, and the site-specific groundwater environment. The LARWQCB has issued maximum soil screening levels (MSSLs) to evaluate the relative threat of fuel releases to environmental receptors at a site. The MSSLs are based on the attenuation factor for petroleum hydrocarbons in soil to migrate through a particular soil type to drinking-water aquifers. Groundwater was not encountered beneath the site until the installation of CB-2/MW-1 in July 2007, and the presence of water in this well appears anomalous. The well is located in the backfill of the former excavation area, which may be acting as a collection area for irrigation water from the nearby landscaped portions of the site. The soil type is primarily fine-grained, consisting mostly of sandy silt, silt, and clay. For a conservative estimate, the MSSLs for silt at 20 feet were used. Using this information, the MSSLs for BTEX, TPHg, and MtBE were determined to be 0.011 mg/kg, 0.45 mg/kg, 2.0 mg/kg, 5.3 mg/kg, 100 mg/kg, and 0.013 mg/kg, respectively (CRWQCB, 1996).

3.1.2 Distribution

Since the site excavation activities in 1996, the MSSL for benzene has been exceeded in one soil sample collected (0.019 mg/kg, B-9-35, 7/6/2004), the MSSL for ethylbenzene has been exceeded in one sample (36 mg/kg, B-11-10, 7/8/2004), the MSSL for TPHg has been exceeded in three samples (maximum of 1,600 mg/kg, B-11-10, 7/8/2004), and the MSSL for MtBE has been exceeded in four samples (maximum of 0.9 mg/kg, B-13-5, 6/29/2004). The respective MSSLs for toluene and total xylenes were not exceeded for this set of samples.

As part of the soil sampling events conducted before and during the site excavation activities, the MSSL for benzene was exceeded in ten soil samples (maximum of 0.73 mg/kg, D1, 2/9/1996), the MSSL for toluene was exceeded in six samples (maximum of 4.9 mg/kg, D5, 2/9/1996), the MSSL for ethylbenzene was exceeded in one sample (3 mg/kg, D5, 2/9/1996), the MSSL for total xylenes was exceeded in three samples (maximum of 26 mg/kg, D5, 2/9/1996), and the MSSL for TPHg was exceeded in three samples

(maximum of 9,200 mg/kg, Stockpile, 4/13/1988). MtBE was not analyzed in this set of samples.

Comparison of the soil samples collected before the site excavation activities to those collected after these activities indicates that the bulk of hydrocarbon-impacted soils were removed during the site excavation activities.

3.2 PETROLEUM HYDROCARBONS IN GROUNDWATER

On July 30, 2007, a groundwater sample was collected from newly-installed well MW-1, and a second groundwater sample was collected on August 23, 2007, for TPH-DRO and TPH-ORO analysis. MtBE was detected at a concentration of 0.8J µg/L. TPH-DRO, TPH-ORO, and TPHg were detected at 5,800 µg/L, 12,000 µg/L, and 56 µg/L, respectively. Another groundwater sample was collected on April 17, 2008, and no petroleum hydrocarbons were detected in this sample above their respective laboratory detection limits. The latest groundwater sample was collected on October 9, 2008 and analyzed for TPH-DRO and TPH-ORO, which were detected at 4,900 µg/L and 22,000 µg/L, respectively.

3.2.1 Cleanup Criteria

Drinking water standards for BTEX and MtBE in groundwater are 1 µg/L, 150 µg/L, 300 µg/L, 1,750 µg/L, and 13 µg/L, respectively. The cleanup goal for TBA is 12 µg/L.

3.2.2 Distribution

Since the installation of well MW-1 in 2007, these goals have not been exceeded in any of the groundwater samples collected from the site. The concentrations for BTEX and TBA have been below their respective laboratory detection limits for all of the sampling events at the site.

3.3 RISK EVALUATION

In order to evaluate health risks associated with current conditions at the site, an evaluation of the various exposure pathways and the threats to human health and the environment was performed. The primary exposure routes include ingestion, dermal contact, and inhalation. Ingestion or dermal contact is not considered to be a significant threat due to the fact that the near-surface soil that historically contained petroleum hydrocarbons is paved. Furthermore, hydrocarbon-impacted soils have been significantly reduced during source removal activities at the site.

Since the site excavation activities in 1996, the maximum detected concentration for TPHg has been 1,600 mg/kg, which was detected in sample B-11-10 (collected 7/8/2004), the maximum detected concentration for benzene has been 0.019 mg/kg, which was detected in sample B-9-35 (collected 7/6/2004), the maximum detected concentration for MtBE has been 0.9 mg/kg, which was detected in

sample B-13-5 (collected 6/29/2004), and the maximum concentration for TBA has been 0.11 mg/kg, detected in sample B-13-20, collected 7/6/04).

The inhalation of petroleum-hydrocarbon vapors from cracks or seams in the pavement is not considered to be a significant threat, as vapors would be mixed and diluted with ambient air; however, potential impacts associated with these vapors to indoor air quality has not been evaluated. The nearest building to the current and former fuel UST locations is approximately 25 feet away. Vapors could pose an explosion threat to underground utilities and a health threat to workers if vapors with a sufficient concentration were to enter confined spaces such as pipelines or man-ways. As was the case for soil, the inhalation of, or dermal contact with, vapors generated from groundwater are not considered significant risks due to the limited potential for exposure. The potential threat caused by the ingestion of groundwater does not appear to be significant.

3.4 WELL AND CONDUIT SURVEY

A search of available databases related to the locations of production wells in the vicinity of the site was conducted by SECOR in 2003. This search revealed that there are no groundwater wells within a 1-mile radius of the site, and that there are no facilities within a 1-mile radius of the site whose releases could potentially impact soil and/or groundwater quality beneath the site (SECOR, 2003).

In 2008, Delta searched the CDWR database and verified in the field the location of the nearest drinking water supply well to the former Shell Service Station/Alliance Station, located at 5226 Palo Comado Canyon Road across the street from the Chevron site. That supply well was found to be approximately 6.5 miles west of their site and identified as State Well No. 01N/19W-14K004S (Delta, 2008).

GeoTracker does not list any public water wells near the site. A list of GeoTracker sites in the vicinity of Chevron Site 9-9693 is included as Appendix A, which consists of open and completed UST cleanup sites (GeoTracker, 2009).

4.0 CASE CLOSURE RATIONALE

The site does not pose a significant threat to human health or the environment. Reported concentrations of hydrocarbon compounds in soil and groundwater have been assessed and remediated adequately. The primary constituents of concern in groundwater at the site are TPH-DRO and TPH-ORO. The analytes TPHg, BTEX, MTBE, DIPE, TAME, and TBA were reported as non-detect during the latest groundwater sampling event.

Soil and groundwater samples collected at the site during assessment, remediation, and monitoring efforts exhibit concentrations of hydrocarbon compounds. However, data suggest that the removal of affected soil during excavation activities has significantly reduced the potential source for prolonged environmental impact.

Chemical analytical data indicate that residual concentrations of petroleum hydrocarbons in soil are relatively low and consist primarily of TPHg, TPH-DRO, and TPH-ORO.

The initial groundwater data indicated that MtBE was present in well MW-1 at a low concentration of 0.8 J $\mu\text{g/L}$. During the latest sampling event, however, the concentration of MtBE was non-detect. Concentrations of BTEX and TBA in groundwater were non-detect for both sampling events. Detectable concentrations of TPH-DRO and TPH-ORO have been reported in groundwater.

The potential exposure route of concern appears to be for residual petroleum hydrocarbons to migrate to a water supply well and/or surface water body. There are no water wells located near the site, and the nearest water bodies are Lindero Canyon Creek, located about 0.1 mile west of the site, the Pacific Ocean, located approximately 7.5 miles south of the site, and Lake Sherwood Reservoir, located approximately 6.8 miles west of the site. Based on previous investigations and current site conditions, the site appears to be adequately assessed and should be evaluated for case closure.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information presented in this report, the following conclusions and recommendations are made:

- The subject site is located in the western Transverse Ranges geomorphic province of California. The site is on the north flank of the Santa Monica Mountains, about 2 miles south of the Simi Hills crest. The site is at the eastern edge of a small valley located where Palo Comado and Cheseboro Canyons join Lindero Canyon. Previous subsurface investigations indicate that the site is underlain primarily by silty clay and clay to a depth of 30 feet bgs, and then sandy silt, silt, and clay to the maximum explored depth of 100 feet bgs. Groundwater was not encountered at the site until the installation of CB-2 in July 2007, when groundwater was measured at approximately 8 feet bgs. The boring was subsequently converted into groundwater monitoring well MW-1. However, the presence of water in well CB-2/MW-1 appears anomalous.
- The current facilities include a station building, four fuel dispenser islands, and three 10,000-gallon USTs containing gasoline. An Alliance (former Shell) service station is located across Palo Comado Canyon Road to the east.
- In February 1996, the dispensers and associated product piping were removed and replaced, and petroleum hydrocarbon-affected soils were overexcavated to maximum depths ranging from 3 to 7 feet bgs.
- Environmental investigations at the site began in 1981, and currently one onsite groundwater monitoring well is installed at the site. SAIC collected nine confirmation soil boring samples from CB-1 and two soil samples from CB-2/MW-1 in 2007.
- TPH-DRO and TPH-ORO in groundwater have been reported in well MW-1, as well as a single low concentration of MtBE during the initial groundwater sampling event. The primary compounds of concern at the site are TPH-DRO, and TPH-ORO.
- The potential exposure route of concern appears to be for residual petroleum hydrocarbons to migrate to a water supply well or surface water body. The nearest water bodies are Lindero Canyon Creek, located about 0.1 mile west of the site, the Pacific Ocean, located approximately 7.5 miles south of the site, and Lake Sherwood Reservoir, located approximately 6.8 miles west of the site.
- Based on previous investigations, source removal efforts, and groundwater monitoring, the site appears to be adequately assessed. Current conditions indicate the site poses minimal risk to human health or the environment. Therefore, the site should be evaluated for case closure.

6.0 REFERENCES

- Bechtel Environmental, Inc. (BEI) 1996. *Results of Field Activities Report and Closure Request for Chevron Station No. 9-9693, 5221 North Palo Comado Canyon Road, Agoura Hills, California* consultant report dated May 13.
- California Department of Water Resources (CDWR). 2003. *California's Groundwater*; DWR Bulletin No. 118; October.
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Limitations of use: This report is only a record of data that could be observed by non-intrusive methods on the date on which the site inspection or records review occurred. This report is intended to be used in its entirety. Taking or using in any way excerpts from this report is not permitted and any party doing so does so at its own risk. A full and complete determination as to the presence or absence of residual contamination cannot be made under the scope of this report and SAIC is not making such a determination, either expressed or implied, in this report. In preparing this report, SAIC has relied on verbal and written information provided by secondary sources and interviews, including information provided by the customer. Because the assessment consisted of evaluating a limited supply of information, SAIC may not have identified all potential items of concern and/or discrepancies and, therefore, SAIC warrants only that the project activities under this contract have been performed within the parameters and scope communicated by CEMC and reflected in the contract. SAIC has made no independent investigations concerning the accuracy or completeness of the information provided.

TABLES

Table 1. Historical Soil Analytical Data
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California

Sample ID	Sample Date	Sample Depth (ft bgs)	GC/MS (mg/kg)	EPA Method 8260B (mg/kg)										EPA Method 6010B (mg/kg)	EPA Method 8015M (mg/kg)		
			TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MtBE	ETBE	DIPE	TAME	TBA	Ethanol	Lead	DRO (C13-C22)	ORO (C23-C40)	
1	4/13/88	~14*	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	4/13/88	~14*	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	4/13/88	~14*	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	4/13/88	~14*	48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	4/13/88	~14*	6.9	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
6	4/13/88	~14*	ND	0.036	0.008	ND	ND	--	--	--	--	--	--	--	--	--	--
7	4/13/88	~8**	74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	4/13/88	Stockpile	9,200	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
JW-1A	4/15/88	Stockpile	0.86	0.007	0.059	0.02	0.1	--	--	--	--	--	13	--	--	--	--
D1	2/9/96	3	83	0.73	0.28	1.4	6.2	--	--	--	--	--	--	--	--	--	--
D2	2/9/96	3	59	0.056	0.15	0.4	3.4	--	--	--	--	--	--	--	--	--	--
D3	2/9/96	3	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D4	2/9/96	3	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D5	2/9/96	3	230	0.45	4.9	3	26	--	--	--	--	--	--	--	--	--	--
D6	2/9/96	3	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D7	2/9/96	3	1.6	ND	ND	ND	0.11	--	--	--	--	--	--	--	--	--	--
D8	2/9/96	3	ND	ND	ND	ND	0.042	--	--	--	--	--	--	--	--	--	--
P1	2/9/96	4	ND	ND	0.025	0.13	0.036	--	--	--	--	--	--	--	--	--	--
P2	2/9/96	4	ND	0.021	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P3	2/9/96	4	ND	0.015	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P4	2/9/96	4	ND	0.0053	0.037	0.0064	0.039	--	--	--	--	--	--	--	--	--	--
P5	2/9/96	4	ND	ND	0.03	0.0053	0.03	--	--	--	--	--	--	--	--	--	--
P6	2/9/96	4	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P7	2/9/96	4	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P8	2/9/96	5	500	ND	0.19	0.35	7.2	--	--	--	--	--	--	--	--	--	--
P9	2/9/96	4	5	0.21	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
HA1D	2/9/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
HA1D	2/9/96	7	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
HA1D	2/9/96	10	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D1X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D2X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D3X	2/14/96	7	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
D4X	2/14/96	6	ND	0.011	0.022	ND	ND	--	--	--	--	--	--	--	--	--	--
P1X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P2X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P3X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P4X	2/14/96	6	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P5X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P6X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P7X	2/14/96	5	ND	ND	0.005	ND	ND	--	--	--	--	--	--	--	--	--	--
P8X	2/14/96	6	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P9X	2/14/96	6	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
P10X	2/14/96	5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--

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Sample ID	Sample Date	Sample Depth (ft bgs)	GC/MS (mg/kg)	EPA Method 8260B (mg/kg)										EPA Method 6010B (mg/kg)	EPA Method 8015M (mg/kg)		
			TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MtBE	ETBE	DIPE	TAME	TBA	Ethanol	Lead	DRO (C13-C22)	ORO (C23-C40)	
T1S	3/5/96	15	80	0.17	1.9	0.67	4.4	--	--	--	--	--	--	--	--	--	--
T1N	3/5/96	15	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
T2S	3/5/96	15	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
T2N	3/5/96	15	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
T3S	3/5/96	15	ND	0.015	0.0065	ND	ND	--	--	--	--	--	--	--	--	--	--
T3N	3/5/96	15	1.8	0.016	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
BA-1	08/18/2003	35.00	0.56	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.3	5.1	--	--	--
BA-1	08/18/2003	40.00	<0.10	0.0065	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.3	--	--	--	--
BA-2	08/18/2003	5.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-2	08/18/2003	35.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-3	08/18/2003	35.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-3	08/18/2003	40.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-4	08/19/2003	30.00	2.20	0.01	0.0043	0.11	0.013	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	7.3	--	--	--
BA-4	08/19/2003	34.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-5	08/19/2003	5.00	0.30	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-5	08/19/2003	35.00	0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-6	08/19/2003	10.00	0.14	<0.002	<0.002	<0.002	<0.002	0.21	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-6	08/19/2003	33.00	<0.10	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	--	--	--
BA-7	08/19/2003	5.00	<1.0	--	--	--	--	--	--	--	--	--	--	--	2.5	14	--
BA-7	08/19/2003	15.00	<1.0	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.1	<0.2	--	4.2	19	--
BA-8	08/19/2003	5.00	<1.0	--	--	--	--	--	--	--	--	--	--	--	<2.5	17	--
BA-8	08/19/2003	15.00	<1.0	--	--	--	--	--	--	--	--	--	--	--	<2.5	5.4	--
B-9	6/29/04	5	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	10	<0.25	<0.002	<0.002	<0.002	<0.002	0.036	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	15	<0.25	<0.002	<0.002	<0.002	<0.002	0.0065 J	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	20	<0.22	<0.0017	<0.0017	<0.0017	<0.0017	<0.0043	<0.0043	<0.0043	<0.0043	<0.017	<0.87	--	--	--	--
B-9	7/6/04	25	0.59	<0.002	<0.002	<0.002	<0.002	0.14	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	30	3.2 E	<0.002	<0.002	0.2	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	35	<0.25	0.019	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	40	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	45	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	50	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	55	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	60	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--
B-9	7/6/04	65	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--	--

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			TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MtBE	ETBE	DIPE	TAME	TBA	Ethanol	Lead	DRO (C13-C22)	ORO (C23-C40)
B-10	6/29/04	5	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	--	--	--
B-10	7/8/04	10	110	0.0019 J	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.89	--	--	--
B-10	7/8/04	15	170	<0.0018	<0.0018	0.028	0.0087	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.91	--	--	--
B-10	7/8/04	20	0.85	0.0036 J	<0.0016	0.006	<0.0016	<0.004	<0.004	<0.004	<0.004	<0.016	<0.8	--	--	--
B-10	7/8/04	25	0.27 J	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-10	7/8/04	30	<0.2	<0.0016	<0.0016	<0.0016	<0.0016	<0.0039	<0.0039	<0.0039	<0.0039	<0.016	<0.79	--	--	--
B-10	7/8/04	35	<0.23	<0.0018	<0.0018	<0.0018	<0.0018	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.9	--	--	--
B-10	7/8/04	40	<0.2	<0.0016	<0.0016	<0.0016	<0.0016	<0.004	<0.004	<0.004	<0.004	<0.016	<0.81	--	--	--
B-10	7/8/04	45	<0.21	<0.0017	<0.0017	<0.0017	<0.0017	<0.0042	<0.0042	<0.0042	<0.0042	<0.017	<0.85	--	--	--
B-10	7/8/04	50	<0.22	<0.0018	<0.0018	<0.0018	<0.0018	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.9	--	--	--
B-10	7/8/04	55	<0.22	<0.0018	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.88	--	--	--
B-10	7/8/04	60	<0.22	<0.0017	<0.0017	<0.0017	<0.0017	<0.0044	<0.0044	<0.0044	<0.0044	<0.017	<0.87	--	--	--
B-10	7/8/04	65	<0.22	<0.0018	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.88	--	--	--
B-11	6/29/04	5	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	10	1,600	<2.0	<2.0	36	<2.0	<5.0	<5.0	<5.0	<5.0	<20	<1000	--	--	--
B-11	7/8/04	15	<0.25	<0.002	<0.002	<0.002	<0.002	0.0079 J	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	20	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	25	<0.21	<0.0017	<0.0017	<0.0017	<0.0017	<0.0041	<0.0041	<0.0041	<0.0041	<0.017	<0.83	--	--	--
B-11	7/8/04	30	<0.21	<0.0017	<0.0017	<0.0017	<0.0017	<0.0042	<0.0042	<0.0042	<0.0042	<0.017	<0.83	--	--	--
B-11	7/8/04	35	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	40	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	45	0.4 J	<0.0024	<0.0024	<0.0024	<0.0024	<0.0061	<0.0061	<0.0061	<0.0061	<0.024	<1.2	--	--	--
B-11	7/8/04	50	<0.25	0.0026 J	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-11	7/8/04	55	<0.22	0.0049	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.88	--	--	--
B-11	7/8/04	60	<0.23	<0.0018	<0.0018	<0.0018	<0.0018	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.9	--	--	--
B-11	7/8/04	65	<0.22	<0.0018	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.88	--	--	--
B-12	6/29/04	5	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	10	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	0.021J	<1.0	--	--	--
B-12	7/6/04	15	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	20	0.26 J	<0.0018	<0.0018	<0.0018	<0.0018	<0.0044	<0.0044	<0.0044	<0.0044	<0.018	<0.88	--	--	--
B-12	7/6/04	25	0.39 J	<0.0018	<0.0018	0.013	0.008	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.9	--	--	--
B-12	7/6/04	30	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	35	<0.23	<0.0018	<0.0018	<0.0018	<0.0018	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.91	--	--	--
B-12	7/6/04	40	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	45	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	50	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	55	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	60	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--
B-12	7/6/04	65	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	--	--

Table 1. Historical Soil Analytical Data
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California

Sample ID	Sample Date	Sample Depth (ft bgs)	GC/MS (mg/kg)	EPA Method 8260B (mg/kg)										EPA Method 6010B (mg/kg)	EPA Method 8015M (mg/kg)		
			TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MtBE	ETBE	DIPE	TAME	TBA	Ethanol	Lead	DRO (C13-C22)	ORO (C23-C40)	
B-13	6/29/04	5	<0.25	0.0054	<0.002	<0.002	<0.002	<0.002	0.9	<0.005	<0.005	<0.005	0.041 J	<1.0	--	<2.5	6
B-13	7/6/04	10	0.44 J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	4.5	5.9
B-13	7/6/04	15	<0.23	<0.0018	<0.0018	<0.0018	<0.0018	0.0073 J	<0.0045	<0.0045	<0.0045	<0.018	<0.9	--	13	26	
B-13	7/6/04	20	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	0.11	<1.0	--	440	210	
B-13	7/6/04	25	<0.22	<0.0017	<0.0017	<0.0017	<0.0017	<0.0043	<0.0043	<0.0043	<0.0043	<0.017	<0.87	--	<2.5	<2.5	
B-13	7/6/04	30	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	<2.5	<2.5	
B-13	7/6/04	35	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	<2.5	<2.5	
B-13	7/6/04	40	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	29	41	
B-13	7/6/04	45	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	<2.5	4	
B-13	7/6/04	50	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	23	41	
B-13	7/6/04	55	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	13	20	
B-13	7/6/04	60	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	28	37	
B-13	7/6/04	65	<0.25	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	<1.0	--	43	96	
CB-1	3/22/07	60	<0.093	<0.00046	<0.00046	<0.00046	<0.0012	<0.00093	<0.00054	<0.00046	<0.00059	<0.0046	--	--	26	32	
CB-1	3/22/07	65	<0.093	<0.00047	<0.00047	<0.00047	<0.0012	<0.00093	<0.00054	<0.00047	<0.00060	<0.0047	--	--	31	41	
CB-1	3/22/07	70	<0.092	<0.00046	<0.00046	<0.00046	<0.0012	<0.00092	<0.00054	<0.00046	<0.00059	<0.0046	--	--	46	50	
CB-1	3/22/07	75	<0.083	<0.00041	<0.00041	<0.00041	<0.0011	<0.00083	<0.00048	<0.00041	<0.00053	<0.0041	--	--	5.2	5.9	
CB-1	3/22/07	80	<0.096	<0.00048	<0.00048	<0.00048	<0.0013	<0.00096	<0.00056	<0.00048	<0.00062	<0.0046	--	--	41	64	
CB-1	3/22/07	85	<0.093	<0.00046	<0.00046	<0.00046	<0.0012	<0.00093	<0.00054	<0.00046	<0.00059	<0.0046	--	--	4.7J	12	
CB-1	3/22/07	90	<0.1	<0.00052	<0.00052	<0.00052	<0.0013	<0.0010	<0.00060	<0.00052	<0.00066	<0.0052	--	--	36	160	
CB-1	3/22/07	95	<0.091	<0.00045	<0.00045	<0.00045	<0.0012	<0.00091	<0.00053	<0.00045	<0.00058	<0.0045	--	--	7.3	18	
CB-1	3/22/07	100	<0.1	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00058	<0.00050	<0.00065	<0.0050	--	--	8.1	15	
CB-2/ MW-1*	7/12/07	11	<0.037	<0.0004	<0.0008	<0.0008	<0.0008	<0.0004	<0.0008	<0.0008	<0.0008	<0.017	--	--	<4.0	<4.0	
CB-2/ MW-1*	7/12/07	15	<0.039	<0.0004	<0.0009	<0.0009	<0.0009	<0.0004	<0.0009	<0.0009	<0.0009	<0.018	--	--	<4.0	<4.0	

- NOTES:
- bgs - below ground surface
 - GC/MS - gas chromatography / mass spectrometer
 - EPA - U.S. Environmental Protection Agency
 - mg/kg - milligrams per kilogram
 - TPHg - total petroleum hydrocarbons quantified as gasoline
 - MtBE - methyl tertiary-butyl ether
 - ETBE - ethyl tertiary-butyl ether
 - DIPE - di-isopropyl ether
 - TAME - tertiary-amyl methyl ether
 - TBA - tertiary-butyl alcohol
 - DRO - diesel range organics (carbon range C13- C22)
 - ORO - oil range organics (carbon range C23-C40)
 - < -not detected above the MDL; value given is the MDL
 - J - denotes a value between the method detection limit and the laboratory reporting limit

*The 11- and 15-foot samples from CB-2 were analyzed and non-detect for full suite EPA Method 8260B, except for acetone (0.008J mg/kg and 0.042 mg/kg, respectively).

**Table 2. Additional Baseline Assessment Soil Analytical Data
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California**

Sample ID	BA-1	BA-3	BA-4	BA-5	BA-7	BA-8	
Sample Depth (feet bgs)	40	35	30	35	15	5	
Analyte	Sample Date	8/18/2003	8/18/2003	8/19/2003	8/19/2003	8/19/2003	8/19/2003
Metals (mg/kg)							
Antimony	--	--	--	--	<10	--	
Arsenic	--	--	--	--	5.8	--	
Barium	--	--	--	--	68	--	
Beryllium	--	--	--	--	0.74	--	
Cadmium	--	--	--	--	4.4	--	
Chromium	--	--	--	--	19	--	
Cobalt	--	--	--	--	7.3	--	
Copper	--	--	--	--	30	--	
Lead	--	--	--	--	8.2	--	
Mercury	--	--	--	--	<0.02	--	
Molybdenum	--	--	--	--	8.4	--	
Nickel	--	--	--	--	24	--	
Selenium	--	--	--	--	<2.0	--	
Silver	--	--	--	--	<1.0	--	
Thallium	--	--	--	--	<10	--	
Vanadium	--	--	--	--	51	--	
Zinc	--	--	--	--	82	--	
VOCs (mg/kg)							
1,2-Dichloroethane	0.0082	0.0047	0.0026	<0.002	<0.002	--	
1,2,4-Trimethylbenzene	<0.002	<0.002	0.02	0.0044	<0.002	--	
sec-Butylbenzene	<0.005	<0.005	0.01	<0.005	<0.005	--	
Isopropylbenzene	<0.002	<0.002	0.024	<0.002	<0.002	--	
n-propylbenzene	<0.002	<0.002	0.063	<0.002	<0.002	--	
1,3,5-Trimethylbenzene	<0.002	<0.002	0.013	<0.002	<0.002	--	
o-Xylene	<0.002	<0.002	0.0032	<0.002	<0.002	--	
m,p-Xylene	<0.002	<0.002	0.0094	<0.002	<0.002	--	
PCBs (mg/kg)							
Aroclor 1016	--	--	--	--	--	<0.05	
Aroclor 1221	--	--	--	--	--	<0.05	
Aroclor 1232	--	--	--	--	--	<0.05	
Aroclor 1242	--	--	--	--	--	<0.05	
Aroclor 1248	--	--	--	--	--	<0.05	
Aroclor 1254	--	--	--	--	--	<0.05	
Aroclor 1260	--	--	--	--	--	<0.05	

NOTES: bgs - below ground surface
EPA - U.S. Environmental Protection Agency
mg/kg - milligrams per kilogram
PCB - polychlorinated biphenyl; analyzed by EPA Method 8082.
VOC - volatile organic compound; analyzed by EPA Method 8260B.
< -not detected above the MDL; value given is the MDL
J - denotes a value between the method detection limit and the laboratory reporting limit
Metals analyzed by EPA Method 6010B; mercury analyzed by EPA Method 7471A.

**Table 3. Analytical Laboratory Results For Volatile Organics
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California**

Analyte (GC/MS 8260B)	Collected 3/22/07									7/12/2007	
	CB1-S-60	CB1-S-65	CB1-S-70	CB1-S-75	CB1-S-80	CB1-S-85	CB1-S-90	CB1-S-95	CB1-S-100	CB-2-S-11	CB-2-S-15
Bromobenzene	<0.00078	<0.00078	<0.00077	<0.00069	<0.00081	<0.00078	<0.00087	<0.00076	<0.00085	<0.0008	<0.0009
Bromochloromethane	<0.00083	<0.00084	<0.00083	<0.00074	<0.00087	<0.00084	<0.00093	<0.00082	<0.00091	<0.0008	<0.0009
Bromodichloromethane	<0.00039	<0.00039	<0.00039	<0.00035	<0.00040	<0.00039	<0.00044	<0.00038	<0.00042	<0.0008	<0.0009
Bromoform	<0.00074	<0.00074	<0.00074	<0.00066	<0.00077	<0.00074	<0.00083	<0.00073	<0.00081	<0.0008	<0.0009
Bromomethane	<0.00085	<0.00086	<0.00085	<0.00076	<0.00089	<0.00086	<0.00095	<0.00084	<0.00093	<0.002	<0.002
n-Butylbenzene	<0.00067	<0.00067	<0.00066	<0.00060	<0.00069	<0.00067	<0.00075	<0.00065	<0.00073	<0.0008	<0.0009
sec-Butylbenzene	<0.00062	<0.00062	<0.00062	<0.00055	<0.00065	<0.00062	<0.00070	<0.00061	<0.00068	<0.0008	<0.0009
tert-Butylbenzene	<0.00057	<0.00058	<0.00057	<0.00051	<0.00060	<0.00058	<0.00064	<0.00056	<0.00062	<0.0008	<0.0009
Carbon tetrachloride	<0.00046	<0.00047	<0.00046	<0.00041	<0.00048	<0.00046	<0.00052	<0.00045	<0.00050	<0.0008	<0.0009
Chlorobenzene	<0.00048	<0.00048	<0.00048	<0.00043	<0.00050	<0.00048	<0.00054	<0.00047	<0.00052	<0.0008	<0.0009
Chloroethane	<0.0014	<0.0014	<0.0014	<0.0012	<0.0014	<0.0014	<0.0016	<0.0014	<0.0015	<0.002	<0.002
Chloroform	<0.00046	<0.00047	<0.00046	<0.00041	<0.00048	<0.00046	<0.00052	<0.00045	<0.00050	<0.0008	<0.0009
Chloromethane	<0.00093	<0.00093	<0.00092	<0.00083	<0.00096	<0.00093	<0.0010	<0.00091	<0.0010	<0.002	<0.002
2-Chlorotoluene	<0.00081	<0.00081	<0.00080	<0.00072	<0.00084	<0.00081	<0.00090	<0.00079	<0.00088	<0.0008	<0.0009
4-Chlorotoluene	<0.00069	<0.00069	<0.00068	<0.00061	<0.00071	<0.00069	<0.00077	<0.00067	<0.00075	<0.0008	<0.0009
Dibromochloromethane	<0.00052	<0.00052	<0.00052	<0.00046	<0.00054	<0.00052	<0.00058	<0.00051	<0.00056	<0.0008	<0.0009
1,2-Dibromo-3-chloropropane	<0.0014	<0.0014	<0.0014	<0.0012	<0.0014	<0.0014	<0.0016	<0.0014	<0.0015	<0.002	<0.002
1,2-Dibromoethane (EDB)	<0.00074	<0.00074	<0.00074	<0.00066	<0.00077	<0.00074	<0.00083	<0.00073	<0.00081	<0.0008	<0.0009
Dibromomethane	<0.00083	<0.00084	<0.00083	<0.00074	<0.00087	<0.00084	<0.00093	<0.00082	<0.00091	<0.0008	<0.0009
1,2-Dichlorobenzene	<0.00088	<0.00088	<0.00088	<0.00079	<0.00092	<0.00088	<0.00099	<0.00086	<0.00096	<0.0008	<0.0009
1,3-Dichlorobenzene	<0.00078	<0.00078	<0.00077	<0.00069	<0.00081	<0.00078	<0.00087	<0.00076	<0.00085	<0.0008	<0.0009
1,4-Dichlorobenzene	<0.00087	<0.00088	<0.00087	<0.00078	<0.00091	<0.00087	<0.00098	<0.00085	<0.00095	<0.0008	<0.0009
Dichlorofluoromethane	<0.0014	<0.0014	<0.0014	<0.0012	<0.0014	<0.0014	<0.0016	<0.0014	<0.0015	<0.002	<0.002
1,1-Dichloroethane	<0.00046	<0.00047	<0.00046	<0.00041	<0.00048	<0.00046	<0.00052	<0.00045	<0.00050	<0.0008	<0.0009
1,2-Dichloroethane	<0.00074	<0.00074	<0.00074	<0.00066	<0.00077	<0.00074	<0.00083	<0.00073	<0.00081	<0.0008	<0.0009
1,1-Dichloroethene	<0.00056	<0.00056	<0.00055	<0.00050	<0.00058	<0.00056	<0.00062	<0.00055	<0.00060	<0.0008	<0.0009
cis-1,2-Dichloroethene	<0.00077	<0.00077	<0.00077	<0.00069	<0.00080	<0.00077	<0.00086	<0.00075	<0.00084	<0.0008	<0.0009
trans-1,2-Dichloroethene	<0.00065	<0.00065	<0.00065	<0.00058	<0.00067	<0.00065	<0.00073	<0.00064	<0.00071	<0.0008	<0.0009
1,2-Dichloropropane	<0.00032	<0.00033	<0.00032	<0.00029	<0.00034	<0.00033	<0.00036	<0.00032	<0.00035	<0.0008	<0.0009
1,3-Dichloropropane	<0.00058	<0.00059	<0.00058	<0.00052	<0.00061	<0.00059	<0.00065	<0.00057	<0.00064	<0.0008	<0.0009
2,2-Dichloropropane	<0.00042	<0.00042	<0.00042	<0.00037	<0.00043	<0.00042	<0.00047	<0.00041	<0.00045	<0.0008	<0.0009
1,1-Dichloropropene	<0.00037	<0.00037	<0.00037	<0.00033	<0.00039	<0.00037	<0.00041	<0.00036	<0.00040	<0.0008	<0.0009

**Table 3. Analytical Laboratory Results For Volatile Organics
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California**

Analyte (GC/MS 8260B)	Collected 3/22/07									7/12/2007	
	CB1-S-60	CB1-S-65	CB1-S-70	CB1-S-75	CB1-S-80	CB1-S-85	CB1-S-90	CB1-S-95	CB1-S-100	CB-2-S-11	CB-2-S-15
cis-1,3-Dichloropropene	<0.00041	<0.00041	<0.00041	<0.00036	<0.00042	<0.00041	<0.00046	<0.00040	<0.00044	<0.0008	<0.0009
trans-1,3-Dichloropropene	<0.00056	<0.00057	<0.00056	<0.00050	<0.00059	<0.00057	<0.00063	<0.00055	<0.00061	<0.0008	<0.0009
Hexachlorobutadiene	<0.00068	<0.00068	<0.00067	<0.00060	<0.00070	<0.00068	<0.00076	<0.00066	<0.00074	<0.002	<0.002
Isopropylbenzene	<0.00050	<0.00050	<0.00050	<0.00045	<0.00052	<0.00050	<0.00056	<0.00049	<0.00054	<0.0008	<0.0009
p-Isopropyltoluene	0.0018J	<0.00067	<0.00066	<0.00060	<0.00069	<0.00067	<0.00076	<0.00065	<0.00073	<0.0008	<0.0009
Methylene chloride	<0.0060	<0.0061	<0.0060	<0.0054	<0.0063	<0.0060	0.0084J	0.0063J	<0.0066	<0.002	<0.002
Naphthalene	<0.0010	<0.0010	<0.0010	<0.00091	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	<0.0008	<0.0009
n-Propylbenzene	<0.00056	<0.00057	<0.00056	<0.00050	<0.00059	<0.00057	<0.00063	<0.00055	<0.00061	<0.0008	<0.0009
Styrene	<0.00054	<0.00054	<0.00054	<0.00048	<0.00056	<0.00054	<0.00060	<0.00053	<0.00058	<0.0008	<0.0009
1,1,1,2-Tetrachloroethane	<0.00053	<0.00053	<0.00053	<0.00047	<0.00055	<0.00053	<0.00059	<0.00052	<0.00057	<0.0008	<0.0009
1,1,2,2-Tetrachloroethane	<0.00080	<0.00080	<0.00079	<0.00071	<0.00083	<0.00080	<0.00089	<0.00078	<0.00087	<0.0008	<0.0009
Tetrachloroethene	<0.00045	<0.00046	<0.00045	<0.00040	<0.00047	<0.00046	<0.00051	<0.00045	<0.00049	<0.0008	<0.0009
1,2,3-Trichlorobenzene	<0.00093	<0.00093	<0.00092	<0.00083	<0.00096	<0.00093	<0.0010	<0.00091	<0.0010	<0.0008	<0.0009
1,2,4-Trichlorobenzene	<0.00093	<0.00093	<0.00092	<0.00083	<0.00096	<0.00093	<0.0010	<0.00091	<0.0010	<0.0008	<0.0009
1,1,1-Trichloroethane	<0.00065	<0.00065	<0.00065	<0.00058	<0.00067	<0.00065	<0.00073	<0.00064	<0.00071	<0.0008	<0.0009
1,1,2-Trichloroethane	<0.00081	<0.00081	<0.00080	<0.00072	<0.00084	<0.00081	<0.00090	<0.00079	<0.00088	<0.0008	<0.0009
Trichloroethene	<0.00046	<0.00047	<0.00046	<0.00041	<0.00048	<0.00046	<0.00052	<0.00045	<0.00050	<0.0008	<0.0009
Trichlorofluoromethane	<0.00050	<0.00050	<0.00050	<0.00045	<0.00052	<0.00050	<0.00056	<0.00049	<0.00054	<0.002	<0.002
1,2,3-Trichloropropane	<0.00093	<0.00093	<0.00092	<0.00083	<0.00096	<0.00093	<0.0010	<0.00091	<0.0010	<0.0008	<0.0009
1,2,4-Trimethylbenzene	0.00093J	<0.00073	<0.00072	<0.00064	<0.00075	<0.00072	<0.00081	<0.00071	<0.00079	<0.0008	<0.0009
1,3,5-Trimethylbenzene	<0.00058	<0.00059	<0.00058	<0.00052	<0.00061	<0.00059	<0.00065	<0.00057	<0.00064	<0.0008	<0.0009
Vinyl Chloride	<0.00084	<0.00085	<0.00084	<0.00075	<0.00088	<0.00085	<0.00094	<0.00083	<0.00092	<0.0008	<0.0009

NOTES:

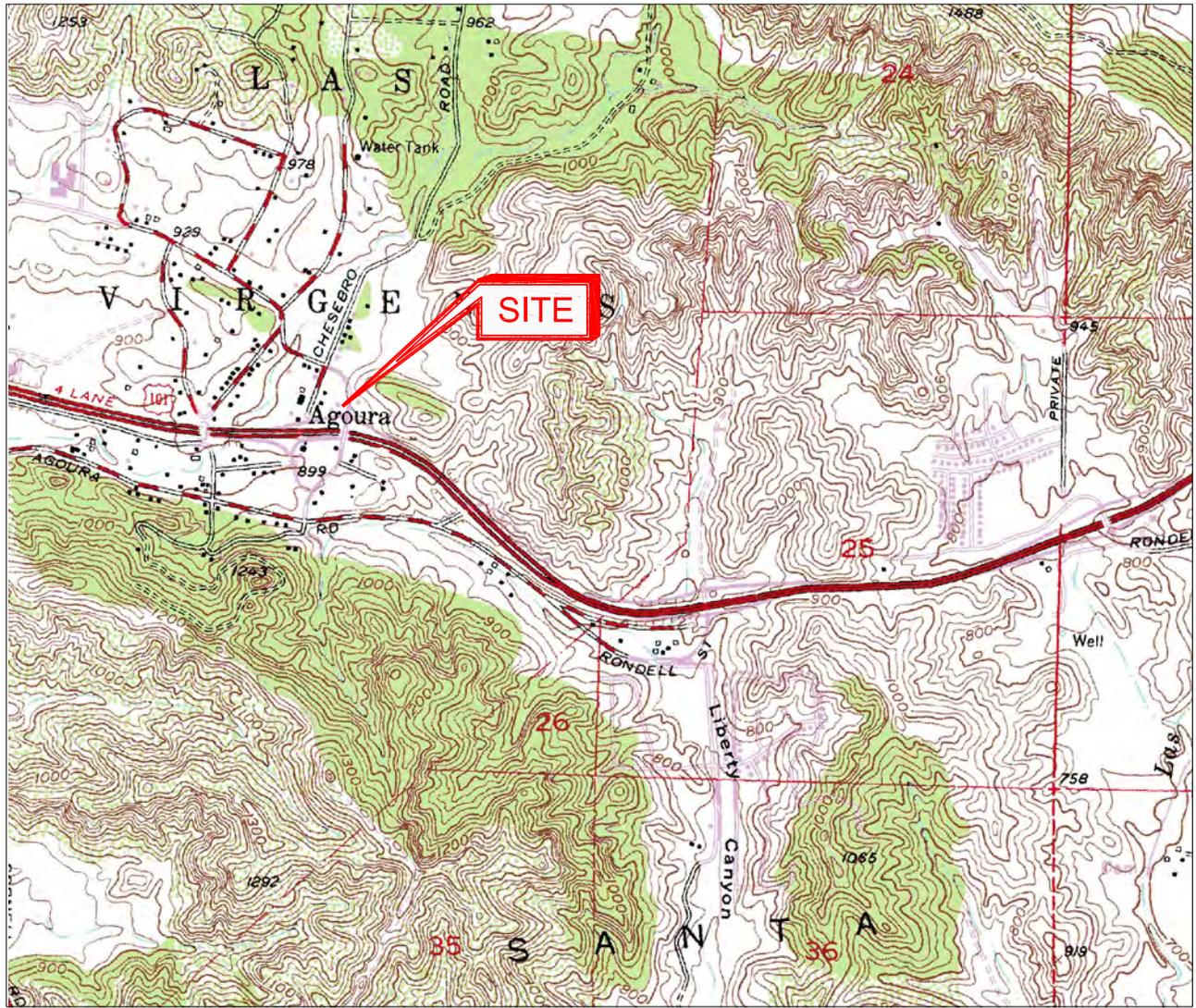
- GC/MS - gas chromatography / mass spectrometer
- EPA - U.S. Environmental Protection Agency
- mg/kg - milligrams per kilogram
- < - not detected above the MDL; value given is the MDL
- J - denotes a value between the method detection limit and the laboratory reporting limit

Table 4. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 Palo Comado Canyon Road, Agoura Hills, California

Well ID	Date Sampled	Top of Casing (ft MSL)	Screen Interval (ft bgs)	Depth to GW (ft bgs)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	TPH C13-C22 (ug/L)	TPH C23-C40 (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MtBE (ug/L)	EtBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-1	07/30/07	934.26	5-15	NR	NA	15.0	56	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.8J	ND<0.5	ND<0.5	ND<0.5	ND<5
MW-1	08/23/07	934.26	5-15	NR	NA	15.0	--	5,800	12,000	--	--	--	--	--	--	--	--	--
MW-1	04/17/08	934.26	5-15	NR	NA	15.0	ND<22	ND<58	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2
MW-1	10/09/08	934.26	5-15	NR	NA	15.0	--	4,900	22,000	--	--	--	--	--	--	--	--	--
Trip Blank	07/30/07	--	--	--	--	--	ND<22	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5
Trip Blank	04/17/08	--	--	--	--	--	ND<22	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2

Notes:
ug/L = Micrograms per liter
ND = Not detected
NAPL = Non-aqueous phase liquid
TPHg = Total petroleum hydrocarbons as gasoline analyzed by gas chromatography/mass spectrometry (GC/MS) by EPA Method 8260B
Benzene, toluene, ethylbenzene, and xylenes (collectively termed BTEX) analyzed by EPA Method 8260B unless noted
MtBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260E
EtBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
J = denotes value between method detection limit and detection limit for reporting purposes
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
-- = Not measured/not reported

PLATES



Chevron Environmental Management Company
 CHEVRON SERVICE STATION NO. 9-9693
 5221 N. PALO CAMADO CYN. ROAD
 AGOURA HILLS, CALIFORNIA

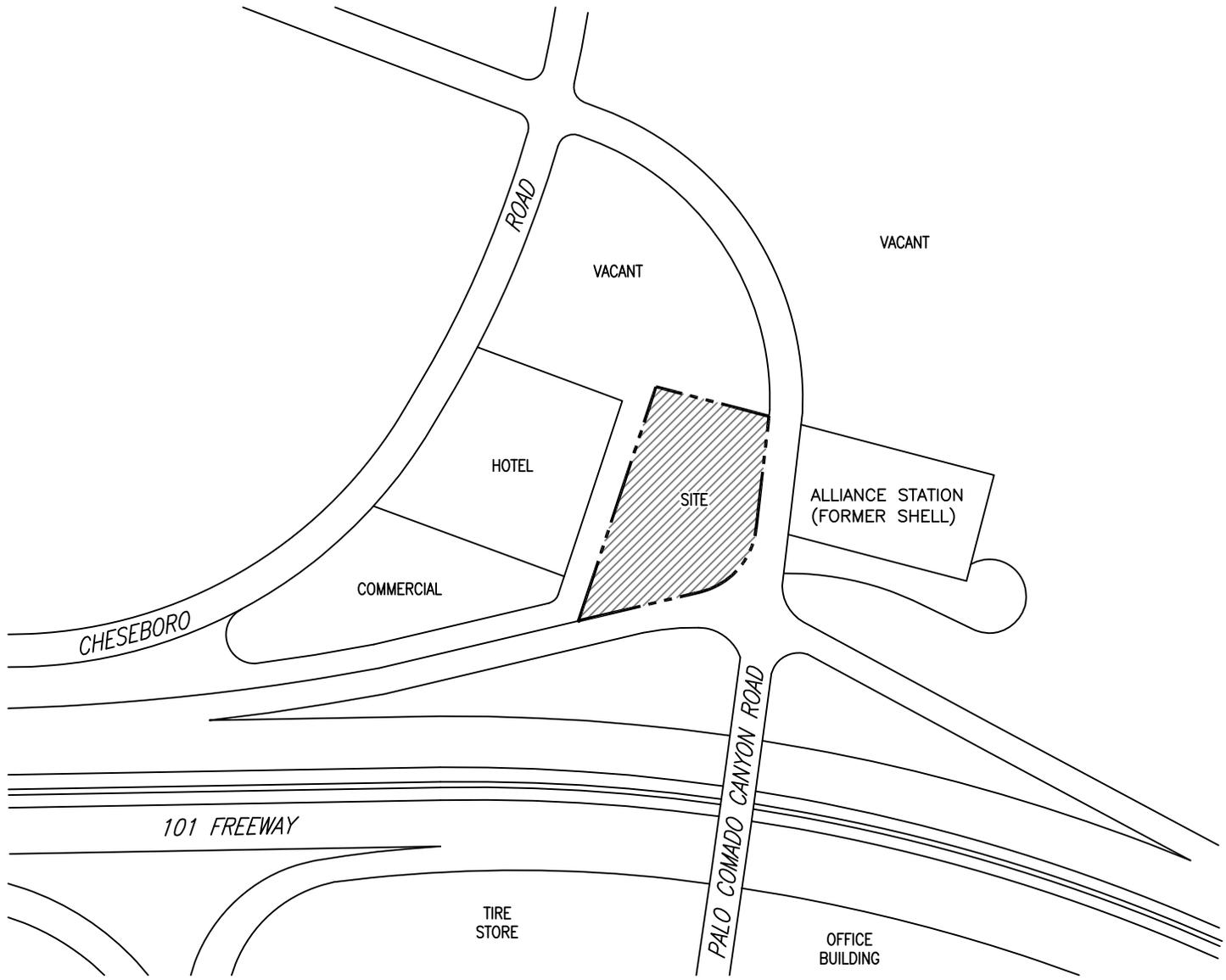
SITE LOCATION MAP

drawn	HDS	checked	approved	PLATE NO.
date	05/09	date	date	1
job no.	06-6102-00-7012-000	file no.	SITE LOCATION MAP	

REFERENCE: USGS 7.5-MINUTE QUADRANGLE, CALABASAS, CALIFORNIA (DATED 1952, PHOTOREVISED 1967)



FILE: X:\Drafting\9-9693\BASE\SITE VICINITY.dwg [Model]



NOT TO SCALE

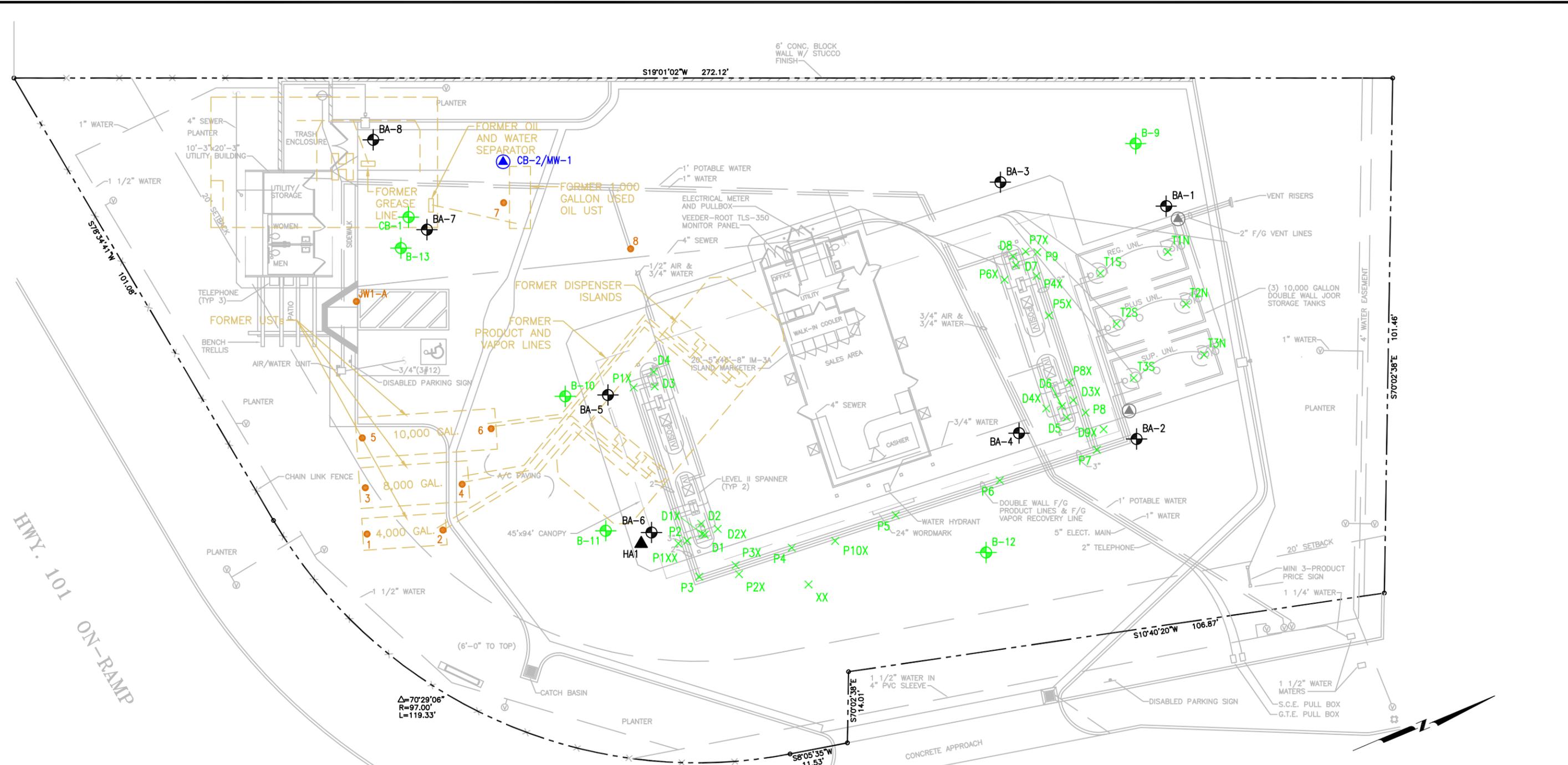
Chevron Environmental Management Company
 CHEVRON SERVICE STATION NO. 9-9693
 5221 N. PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

SITE VICINITY MAP

DRAWN	HDS	CHECKED	APPROVED	PLATE NO.
DATE	05/09	DATE	DATE	2
JOB NO.	06-6102-00-7012-000		FILE NO. VICINITY MAP	

SAIC
 From Science to Solutions™

FILE: X:\Drafting\9-9693\FIGURE\B9693-002.dwg [Model]



EXPLANATION

- SOIL BORING LOCATION (SECOR, 2003)
- GROUNDWATER MONITORING WELL LOCATION (SAIC, JULY 2007)
- SOIL BORING LOCATION (SAIC, 2004, MARCH, 2007)
- TANK MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION (GROUNDWATER TECHNOLOGY, 1998)
- SOIL SAMPLE LOCATION (BECHTEL ENVIRONMENTAL INC.)
- HAND AUGER

Scale 0 10 20 feet

Chevron Environmental Management Company
 CHEVRON SERVICE STATION NO. 9-9693
 5221 N. PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

SITE PLAN SHOWING SOIL BORING, SOIL SAMPLING,
 AND GROUNDWATER MONITORING WELL LOCATIONS

DRAWN	HDS	CHECKED	APPROVED	PLATE NO.
DATE	05/09	DATE	DATE	3
JOB NO.	06-6102-00-7012-190		FILE NO.	



APPENDIX A

GeoTracker Sites

Appendix A. GeoTracker Sites
Chevron Environmental Management Company
Chevron Service Station No. 9-9693
5221 N. Palo Comado Canyon Road, Agoura Hills, California

GEOTRACKER ID	SITE NAME	CLEANUP STATUS	ADDRESS	CITY
SL0603715628	U-HAUL CO #711-061	OPEN - SITE ASSESSMENT	28650 CANWOOD STREET	AGOURA HILLS
T0603703133	TEXACO SERVICE STATION	COMPLETED - CASE CLOSED	5226 PALO COMADO CYN RD	AGOURA HILLS
T0603704210	HYDRO WEST	COMPLETED - CASE CLOSED	28215 AGOURA RD	SEMINOLE HOT SPRINGS
T0603704600	TOSCO - 76 STATION #7426	OPEN - REMEDIATION	28203 DOROTHY DR W	AGOURA
T0603704878	CHEVRON #9-9693	OPEN - REFERRED	5221 PALO COMADO CYN RD. N.	AGOURA HILLS
T0603793748	SHELL (TEXACO SERVICE STATION)	OPEN - SITE ASSESSMENT	5226 PALO COMADO CYN RD.	AGOURA HILLS



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

Arnold Schwarzenegger
Governor

January 19, 2010

Ms. Deborah Pryor
Shell Oil Products U.S.
20945 South Wilmington Avenue
Carson, CA 90810

**Underground Storage Tank Program – Case Closure
Former Shell/Texaco Service Station
5226 Palo Comado Canyon Road, Agoura Hills (File No. I-05924A)
(Priority D-1 Site, EAOP)**

Dear Ms. Pryor:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

If you decide to abandon groundwater monitoring wells related to the subject site, you must comply with the following:

1. All wells must be properly located and abandoned.
2. Well abandonment permits and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.
3. You must submit a report on the abandonment of the wells to this office by **April 30, 2010**. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Deborah Pryor
Former Shell/Texaco Service Station
5226 Palo Comado Canyon Rd.

- 2 -

January 19, 2010

If you have any questions regarding this matter, please contact Mr. Dave Bjostad at (213) 576-6712 or dbjostad@waterboards.ca.gov, or contact Dr. Weixing Tong at (213) 576-6715 or wtong@waterboards.ca.gov.

Sincerely,


Tracy J. Egoscue
Executive Officer

cc: Yvonne Shanks, State Water Resources Control Board, UST Cleanup Fund
Tim Smith, Los Angeles County Department of Public Works, Environmental Program Division
Nancy Matsumoto, Water Replenishment District of Southern California
Hazany Family Trust, Elias Ben Hazany and Shulamit Ben Hazany, Trustees (property owner)
Katherine Winsor, Delta Consultants

California Environmental Protection Agency

 Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

**UNDERGROUND STORAGE TANK
LOW RISK CASE REVIEW FORM**

Case reviewer: Dave Bjostad <i>DMB</i>	Unit Chief: Weixing Tong <i>WXT</i>	Section Chief: Yue Rong <i>YR</i>	AEO: Samuel Unger <i>SU</i>	EO: Tracy J. Egoscue <i>TE</i>
Date: <i>12/22/2009</i>	Date: <i>12/22/09</i>	Date: <i>12-23-09</i>	Date: <i>12-23-09</i>	Date: <i>12-23-09</i>

LUSTIS File No.: I-05924A		Investigation and Cleanup Priority: D-1/EAOP		
Site Name/Address: Former Shell/Texaco Service Station 5226 Palo Comado Canyon Rd. Agoura Hills, CA 91301	Responsible parties: Shell Oil Products US (Attn: Deborah Pryor)	Address: 20945 S. Wilmington Ave. Carson, CA 90810	Phone no.: (323) 291-9595	

I. CASE INFORMATION (N/A = Not Applicable)

Tank No.	Size in Gallons	Contents	Closed in-place/Removed/Active?	Date
1-2	10,000	Gasoline	Removed	02/04
3	8,000	Gasoline	Removed	02/04
4	10,000	Diesel	Removed	02/04
5	550	Waste oil	Removed	02/04
6	22,000	Gasoline	Active	N/A
7	20,000	Gasoline	Active	N/A

II. SITE CHARACTERIZATION INFORMATION (GW=groundwater)

GW Basin: Russell Valley	Beneficial uses: Mun, Ind, Proc, Agr	Distance to nearest municipal supply well: 13,481 feet (well ID 01N08W33P01S)		
GW highest depth: 1.31 ft bgs	GW lowest depth: 28.77 ft bgs	Well screen interval: 5 - 45 feet bgs	Flow direction: West-southwest	
Soil types: clays, silts, sands, bedrock		Maximum soil depth sampled: 30 ft bgs		

III. SITE INSPECTION

Pre-closure site inspection:	Is there sensitive receptor next to the site (school, church, hospital, kindergarten etc.)? If yes, brief description: None known
------------------------------	--

IV. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Initial and Latest

Contaminant	Soil (mg/kg)		EPA SLs*		Soil Screening Levels (mg/kg)** Depth to GW (ft) = 20 Type of soil = silt	Water (µg/L)		MCLs/NL (µg/L)
	Initial (02/04)	Latest (03/09 off-site, 12/07 on-site)	Residential (mg/kg)	Industrial (mg/kg)		Initial (01/04)	Latest (04/09)	
TPH (Gas)	11,000	440	NE	NE	100	4,200	9,700 (03/09)***	NE
TPH (Diesel)	4,300	2,900	NE	NE	100	3,400 (07/05)	8,700 (03/09)***	NE
TRPH	240 (03/04)	NRQ	NE	NE	1,000	NRQ	NRQ	
Benzene	60	0.013 (12/07)	1.1	5.6	0.011	110	ND	1
Toluene	1,100	0.02 (12/07)	5,000	46,000	0.45	1.3	ND	150
Ethylbenzene	250	5.5 (12/07)	5.7	29	2	ND	280 (03/09)***	300
Xylenes	1,760	0.011	600	2,600	5.3	ND	ND	1,750
Methyl tertiary butyl ether (MTBE)	12	0.41 (12/07)	39	190	0.013	45,000	41 (03/09)***	13 (Primary) 5 (Secondary)
Di-isopropyl ether (DIPE)	0.0015	ND	NE	NE	NE	1.5 (01/06)	ND	NE
Ethyl tertiary butyl ether (ETBE)	ND	ND	NE	NE	NE	ND	ND	NE
Tertiary amyl methyl ether (TAME)	ND	ND	NE	NE	NE	17	ND	NE
Tertiary butyl alcohol (TBA)	14 (03/04)	0.61 (12/07)	NE	NE	NE	93,000 (04/04)	780	12 (NL)
Ethanol	76	ND	NE	NE	NE	ND	ND	NE

* SLs = USEPA Risk-Based Screening Levels (Apr 2009)

** See attached Table 4-1

*** Impact limited to a groundwater grab sample from one confirmation boring

N/A = not available
NA = not analyzed
ND = Non-detect

NE = not established
NL = Notification Level
NRQ = Not required

V. FREE PRODUCT

Was free product encountered? No	Has free product been totally removed? N/A
When was free product recovery project completed? N/A	

VI. SOIL REMEDIATION

Method: Excavation	Duration of remediation: February 10 to March 9, 2004
Waste manifest document: Yes	Volume of soil disposal/mass removal: 415.23 tons

VII. GROUNDWATER REMEDIATION

Method: None	Duration of remediation: N/A
	Mass removal: N/A

VIII. COMMENTS AND JUSTIFICATION FOR RECOMMENDED ACTION**Site Use and Surrounding Land Use**

The site is currently an active ARCO station. The site was formerly operated as a Shell or Texaco station until 2004, when property ownership changed and USTs were removed and replaced. Surrounding hillside property to the east is not developed, land to the south consists of the 101 Freeway, a former LUFT case exists across the street to the west (case no. R-09912, active Chevron station at 5221 Palo Comado Canyon Rd.), other commercial properties are located to the west, and residential uses are located to the north.

Site History

- A previous UST case (no. I-05924) was closed in 1996. Monitoring wells W-11 through W-19, installed between 1992 and 1994, were not removed.
- In February 2004, USTs were removed and replaced. Soil samples indicated that soil was impacted.
- In March 2004, the case was referred from the Los Angeles County Department of Public Works to the Regional Board.
- In 2005, well W-20 was installed to assess potential off-site groundwater impacts to the south.
- In 2007, soil borings CB-21, CB-22, CB-25, and CB-26 were drilled to assess the extent of soil impacts on-site.
- In 2009, soil borings CB-27 through CB-30 were drilled to assess the extent of soil impacts off-site to the south and west. Two groundwater grab samples (CB-28GW and CB-30GW) were collected to assess off-site groundwater impacts.

Remediation Summary

Approximately 415 tons of impacted soil were excavated and disposed off-site when the USTs were removed in February-March 2004.

Soil Data Summary

Maximum concentrations (mg/kg):

	<u>Pre-Excavation</u> (2004)	<u>Post-Excavation</u> (2009)		<u>Vadose zone</u> <u>SSL exceeded</u>
TPH _G	11,000	440	reduction of over an order of magnitude	1 of 8
TPH _D	4,300	2,900	slight reduction	1 of 8
Benzene	60	0.013	reduction of over 3 orders of magnitude	0 of 8
Toluene	1,100	0.02	reduction of over 4 orders of magnitude	0 of 8
Ethylbenzene	250	5.5	reduction of over an order of magnitude	0 of 8
Xylenes	1,760	0.011	reduction of 5 orders of magnitude	0 of 8
MTBE	12	0.41	reduction of over an order of magnitude	1 of 8
TBA	14	0.61	reduction of over an order of magnitude	no SSL

Lithology - According to the boring logs and cross-section maps, the subject site is underlain by silty and clayey soils, under which siltstone or sandstone bedrock exists at a depth of approximately 10 feet bgs on-site and 27 feet off-site to the southwest (relatively steep angle of bedrock dip).

Groundwater Summary

Depth to groundwater across the site varies from approximately 10 to 27 feet bgs, depending on location and depth to bedrock, and flow direction is generally to the west-southwest.

Free product was not encountered. Quarterly groundwater monitoring was performed at 5 on-site wells (W-11 through W-15) and 5 off-site wells (W-16 through W-20) from 2004 through 2009.

Maximum concentrations ($\mu\text{g/L}$):

	<u>Initial</u> <u>(2004)</u>	<u>MW Most Recent</u> <u>(April 2009)</u>	<u>GW Grab Most Recent</u> <u>(March 2009)</u>	
TPH _G	4,200	88	9,700	Reduction, except one GW grab sample (nearby MWs OK)
TPH _D	3,400	ND	8,700	Reduction, except one GW grab sample (nearby MWs OK)
Benzene	110	ND	ND	Reduction to non-detect
MTBE	45,000	10	41	Reduction 3 orders of magnitude
TBA	93,000	780	94	Reduction 2+ orders of magnitude

Groundwater concentrations have been reduced significantly, except for TPH_G and TPH_D at CB-30, which was a groundwater grab sampling location located about 20-25 feet away from monitoring well W-20 to the south and monitoring well W-14 to the north—both of which were ND for TPH_G and TPH_D, so it appears the area of impact is limited.

Contaminant Transport and Exposure Pathways Evaluation

Direct Contact

The risk of direct contact is considered to be low because residual concentrations of gasoline constituents in the soil beneath the site < 20 feet bgs were all below their respective EPA SLs.

Protection of Drinking Water Aquifer

The impacts of the residual concentrations of gasoline constituents in the soil to the underlying drinking water aquifer is considered to be low because 415 tons of impacted soil were excavated and residual vadose zone soil concentrations at 7 of 8 locations were below SSLs.

Plume Migration

The residual groundwater plume beneath the site has low probability to migrate to the downgradient areas because monitoring data since 2005 generally show decreasing and/or stable concentrations, which suggests that the plume has been stabilized and/or reduced in size. The only analyte that did not appear to stabilize or decrease until after 2008 was TBA, but only in well W-17, where it peaked in 2007 but has decreased and stabilized in 2008 and 2009. In addition, the nearest production well is located 13,481 feet away from the site. TPH_G and TPH_D in one groundwater grab sample (CB-30GW) appears to be a limited area of impacts, since monitoring wells located just 20-25 feet away to the northeast (W-14) and southwest (W-20) have not shown similar results and have been non-detect in 2009.

Vapor Intrusion

The risk of vapor intrusion is considered to be low because the residual soil contamination is below the interim vapor intrusion guidance (0.18 mg/kg of benzene at five feet bgs).

Factors Supporting Low Risk Closure

Based on the above assessment, staff recommends to grant a low-risk closure for the site for the following reasons:

- First generation USTs, along with approximately 415 tons of impacted soil, were removed in 2004.
- No free product has been observed in the monitoring wells.
- The extent of soil and groundwater contamination has been adequately defined.
- Soil concentrations were reduced following soil excavation in 2004, to the point where vadose zone soil at 7 of 8 boring locations did not exceed the SSLs.
- Groundwater concentrations in monitoring wells have generally been stable or decreasing since 2005.
- MTBE exceeded the MCL during the most recent monitoring event in March/April 2009, but only at 4 of 12 sampling locations (W-17, W-19, CB-28GW, and CB-30GW), by less than one order of magnitude, and never in the most down-gradient monitoring well (MW-18).
- TPH_G and TPH_D in one groundwater grab sample (CB-30GW) appears to be a limited area of impacts, since monitoring wells located just 20-25 feet away to the northeast (W-14) and southwest (W-20) have not shown similar results and have been non-detect in 2009.

Site Name/Address: Former Shell/Texaco Service Station, 5226 Palo Comado Canyon Rd.

Staff Initial: *DMB*

- The risk of residual soil and groundwater contamination to cause any human health and environmental concerns via major pathways, such as direct contact, drinking water ingestion, and vapor intrusion, is low.
- The nearest production well is 13,481 feet away.

IX. MTBE FATE & TRANSPORT PLUME LENGTH MODELING ANALYSIS

MTBE modeling was not performed because groundwater from the most downgradient monitoring well, MW-18, has never had MTBE detected.

X. ELECTRONIC DELIVERABLE FORMAT (EDF) SUBMISSION

Has electronic data reporting requirement been met? Yes

XI. AB 681 REQUIREMENT (Land Owner Notification)

Verify property ownership <http://assessor.lacounty.gov/extranet/DataMaps/Pais.aspx> (date) : 11/17/2009

Have landowner or impacted site notification requirements been met? Yes

Fee Title Holder/Owner: Hazany Family Trust, 201 S. Canon Dr., Beverly Hills, CA 90211, Attn: Elias Ben Hazany and Shulamit Ben Hazany

Responsible party: Shell Oil Products US

Pre-closure letter sent date - *12/28/2009*

(Jan 2009)

Table 4-1: Maximum Soil Screening Levels (mg/kg) for TPH, BTEX and MTBE above Drinking Water Aquifers

TPH	Distance Above Groundwater	Carbon Range		
		C4-C12	C13-C22	C23-C32
	>150 feet	1,000	10,000	50,000
	20-150 feet	500	1,000	10,000
	<20 feet	100	100	1,000

BTEX & MTBE	Distance Above Groundwater	Lithology			
		Gravel	Sand	Silt	Clay
	150 feet	B=0.044 T=2 E=8 X=23 MTBE = 0.039	B=0.077 T=4 E=17 X=48 MTBE = 0.078	B=0.165 T=9 E=34 X=93 MTBE = 0.156	B=0.8 T=43 E=170 X=465 MTBE = 0.78
	120 feet	B=0.035 T=1.57 E=6.3 X=17.9 MTBE = 0.028	B=0.058 T=3.1 E=12.7 X=36 MTBE = 0.061	B=0.123 T=7 E=25.9 X=70.3 MTBE = 0.117	B=0.603 T=32 E=128 X=351 MTBE = 0.591
	100 feet	B=0.028 T=1.3 E=5.1 X=14.4 MTBE = 0.020	B=0.046 T=2.57 E=9.86 X=28 MTBE = 0.05	B=0.094 T=5.4 E=20.4 X=55.1 MTBE = 0.091	B=0.471 T=25 E=101 X=276 MTBE = 0.464
	80 feet	B=0.022 T=1 E=4 X=11 MTBE = 0.013	B=0.033 T=2 E=7 X=20 MTBE = 0.039	B=0.066 T=4 E=15 X=40 MTBE = 0.065	B=0.34 T=18 E=73 X=200 MTBE = 0.338
	60 feet	B=0.018 T=0.72 E=2.9 X=7.9 MTBE = 0.013	B=0.026 T=1.4 E=4.9 X=13.9 MTBE = 0.03	B=0.048 T=2.8 E=10.7 X=28.4 MTBE = 0.048	B=0.241 T=13 E=52 X=141.5 MTBE = 0.247
	40 feet	B=0.015 T=0.43 E=1.8 X=4.8 MTBE = 0.013	B=0.018 T=0.87 E=2.8 X=7.8 MTBE = 0.022	B=0.029 T=1.6 E=6.3 X=16.9 MTBE = 0.03	B=0.143 T=7.5 E=30 X=83 MTBE = 0.156
	20 feet	B=0.011 T=0.15 E=0.7 X=1.75 MTBE = 0.013	B=0.011 T=0.3 E=0.7 X=1.75 MTBE = 0.013	B=0.011 T=0.45 E=2 X=5.3 MTBE = 0.013	B=0.044 T=2.3 E=9 X=24.5 MTBE = 0.065

- TPH = Total petroleum hydrocarbons.
- BTEX = benzene, toluene, ethylbenzene, and xylenes, respectively. MTBE = methyl tertiary butyl ether.
- Respective MCLs (ppm): B=0.001, T=0.15, E=0.3, X=1.75, MTBE=0.013.
- BTEX screening concentrations determined per the attenuation factor method as described in RWQCB Guidance for VOC Impacted Sites (March 1996), with a natural degradation factor of 11 for BTEX and of 3 for MTBE. Table values can be linearly interpolated between distance above groundwater and are proportional to fraction of each lithological thickness.
- Values in Table 4-1 are for soils above drinking water aquifers. All groundwaters are considered as drinking water resources unless exempted by one of the criteria as defined under SWRCB Resolution 88-63 (TDS>3000 mg/L, or deliverability <200 gal/day, or existing contamination that cannot be reasonably treated). Regional Board staff will make a determination of potential water use at a particular site considering water quality objectives and beneficial uses. For non-drinking water aquifers, regardless of depth, TPH for ">150 feet" category in the table should be used;
- Distance above groundwater must be measured from the highest anticipated water level. Lithology is based on the USCS scale.
- In areas of naturally-occurring hydrocarbons, Regional Board staff will make determinations on TPH levels.

(revised 1/7/05) rev 05/08

2

RECORDING REQUESTED BY AND
WHEN RECORDED RETURN TO:

Law Office of Karl H. Knickmeyer
12011 San Vicente Boulevard, #600
Los Angeles, CA 90049

Mail Tax Statements To:

Elias Ben Hazany
201 South Canon Drive
Beverly Hills, CA 90211

10/01/08

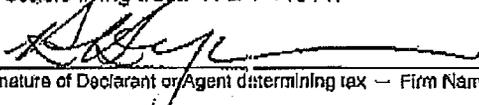


20081755899

(Space Above for Recorder's Use Only)

DOCUMENTARY TRANSFER TAX \$0.00

This conveyance transfers the grantors' interest into his/her
revocable living trust. R & T 11911.


Signature of Declarant or Agent determining tax — Firm Name

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

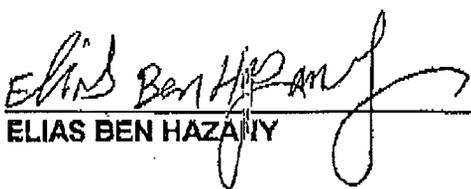
Elias Ben Hazany, a married man as his sole and separate property,

hereby grants to **Elias Ben Hazany and Shulamit Ben Hazany, Trustees of the
Hazany Family Trust, dated, October 11, 2007**, the real property located in the City of
Los Angeles, County of Los Angeles, State of California, described on Exhibit "A,"
attached hereto.

Commonly known as: 5226 Palo Comado Canyon Road, Agoura Hills, CA 91301

APN: 2052-008-030

Dated 04.29, 2008


ELIAS BEN HAZANY

From: "Van Nuys" <vannuys@assessor.lacounty.gov>
To: <dbjostad@waterboards.ca.gov>
Date: 11/17/2009 2:19 PM
Subject: FW: Public Inquiry Form

In response to your email on 11/17/09

Owner of record: Hazany, Elias Ben Co Tr
Hazany Family Trust

Mailing address: 201 S Canon Dr Beverly Hills CA 90211

Van Nuys Email Desk

-----Original Message-----

From: L.A. County - Office of The Assessor
Sent: Tuesday, November 17, 2009 9:05 AM
To: Van Nuys
Subject: FW: Public Inquiry Form

Assessor's Helpdesk
TS

-----Original Message-----

From: dbjostad@waterboards.ca.gov [mailto:dbjostad@waterboards.ca.gov]
Sent: Monday, November 16, 2009 12:43 PM
To: L.A. County - Office of The Assessor
Subject: Public Inquiry Form

Name: Dave, Bjostad
Business Name: Regional Water Quality Control Board

Address: 320 W 4th St, Ste 200

Los Angeles, CA 90013

Email: dbjostad@waterboards.ca.gov

Phone: 213-576-6713

Fax:

Situs: 5226 Palo Comado Canyon Rd

Agoura Hills, CA 91301

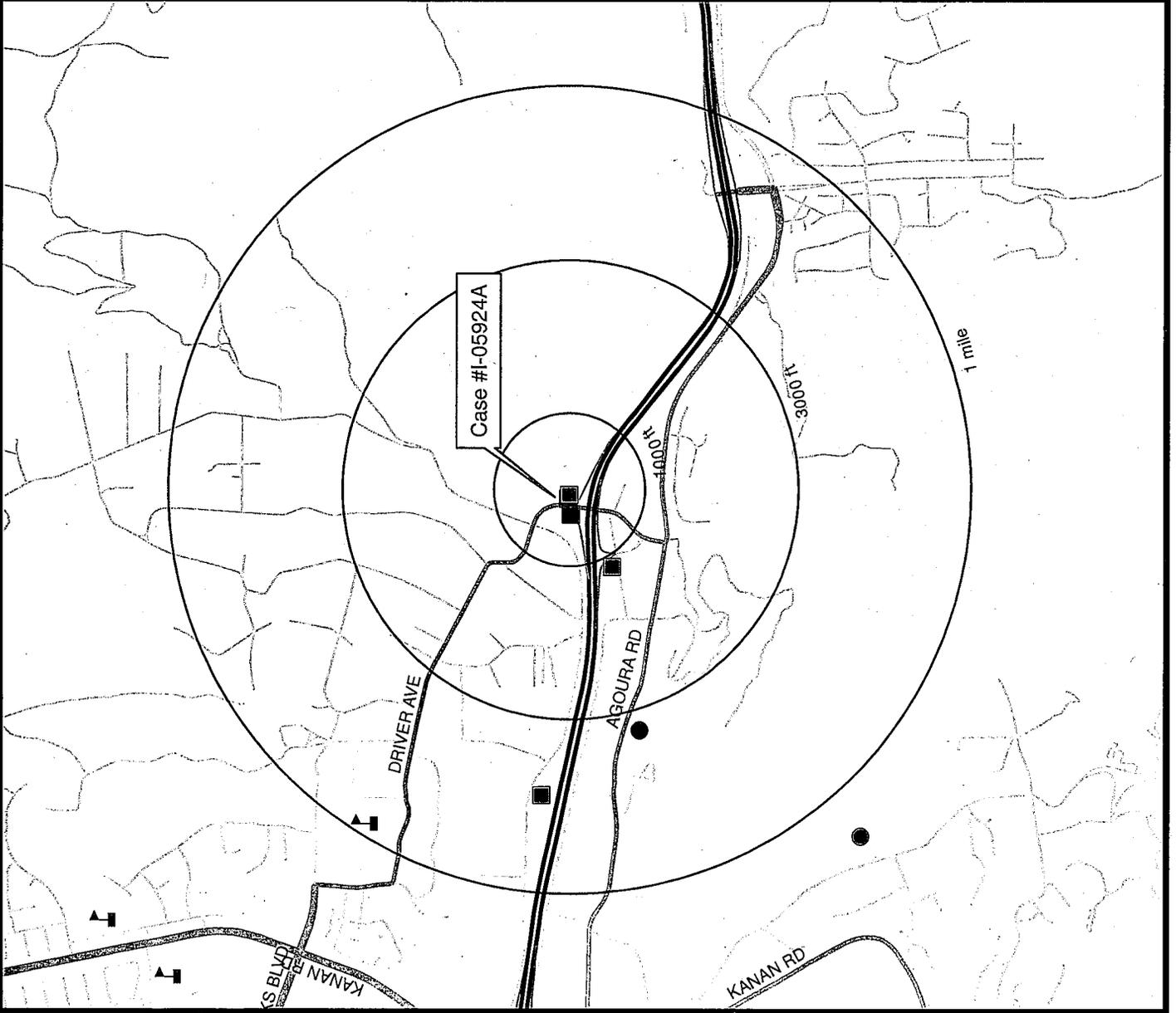
AIN: 2052-008-030

Company Name:

Routing Index:



Site and Receptor Map

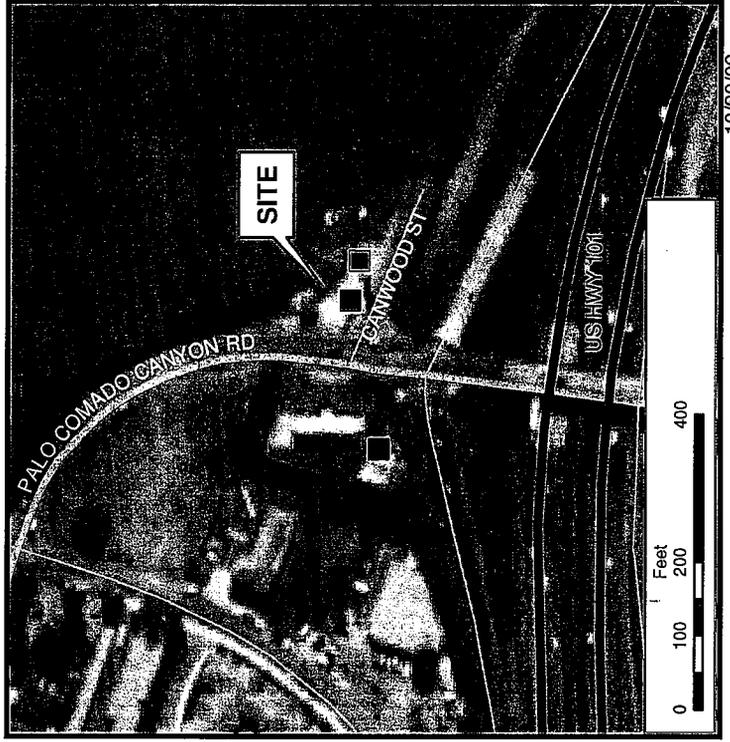


Texaco Service Station
5226 Palo Comado Canyon Rd.
Agoura Hills, 91301

LUFT Case Status

- Active, Local Agency
- Closed, Local Agency
- Active, Regional Board
- Closed, Regional Board
- ⊕ Production Wells
- ▣ Schools

Scale 1:24,000

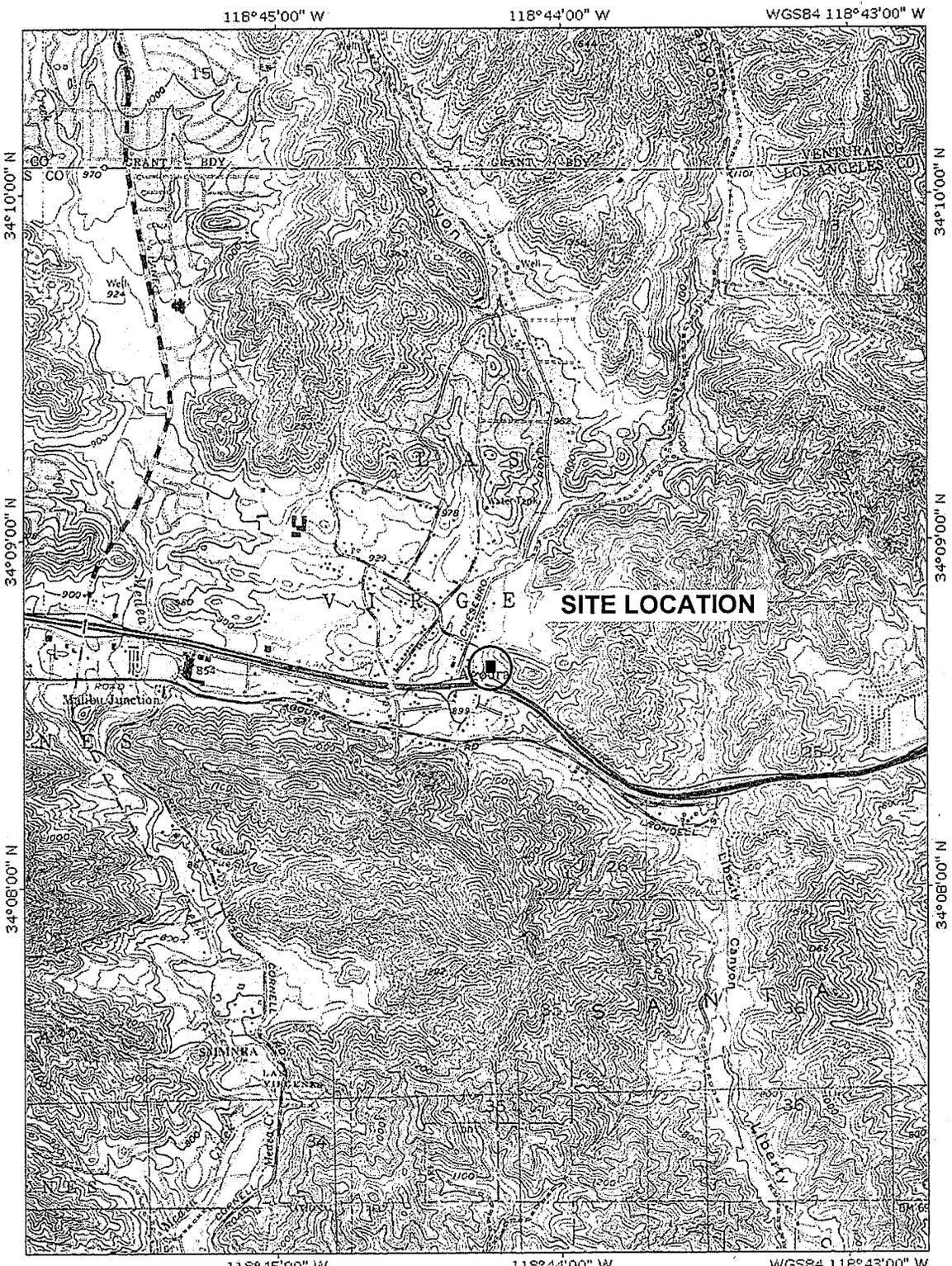


SCA5226 P1
DRAWING NUMBER

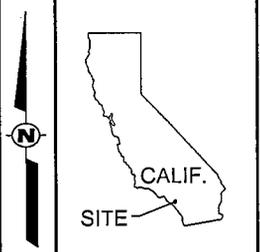
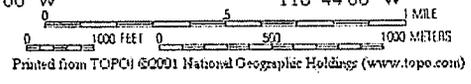
APPROVED BY

CHECKED BY

DRAWN BY
LUIS CH 08/30/06

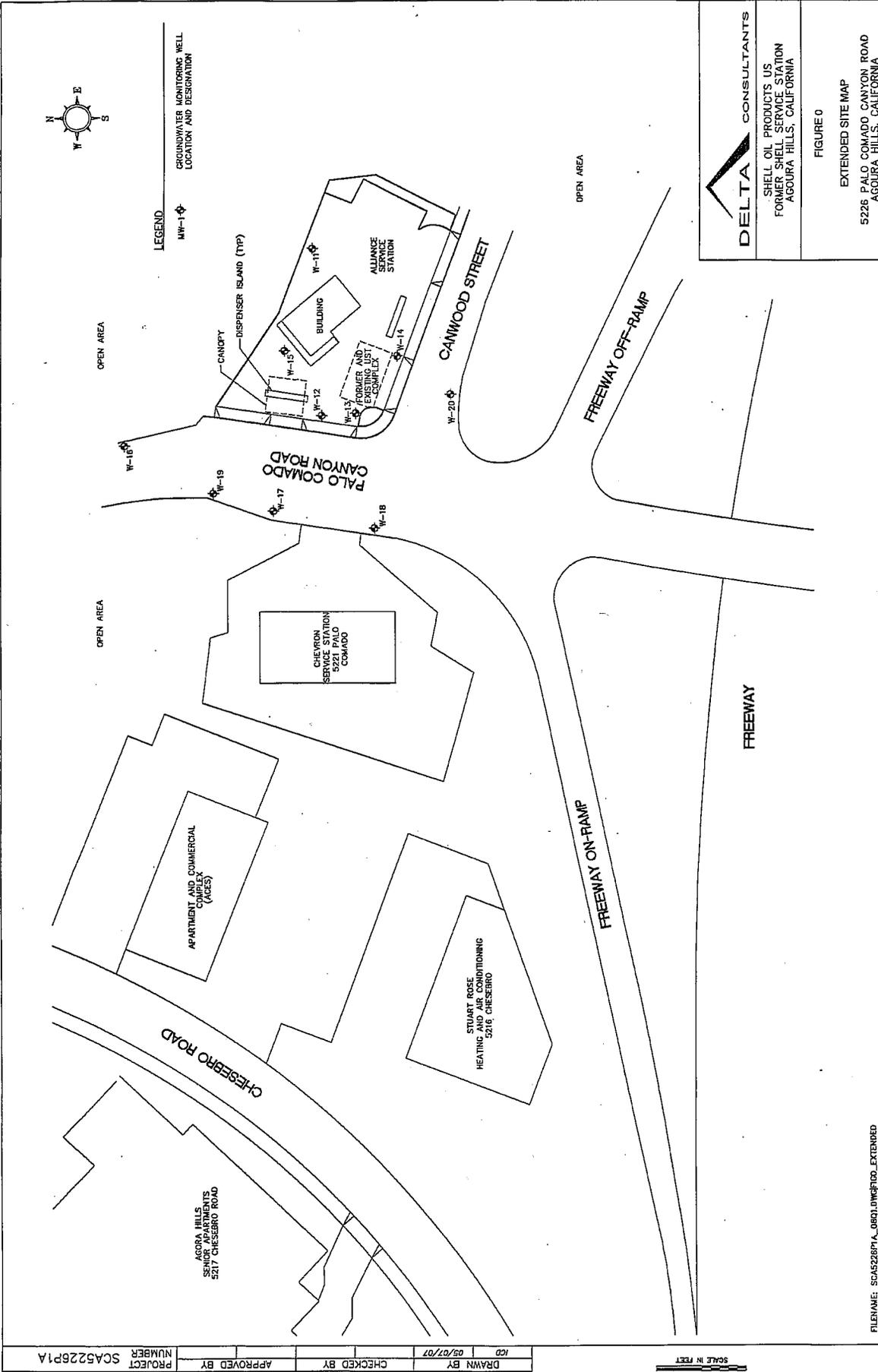


TIN MN
13 1/2°

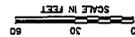


SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
AGOURA HILLS, CALIFORNIA

FIGURE 1
SITE LOCATION MAP
5226 PALO COMADO CANYON ROAD
AGOURA HILLS, CALIFORNIA

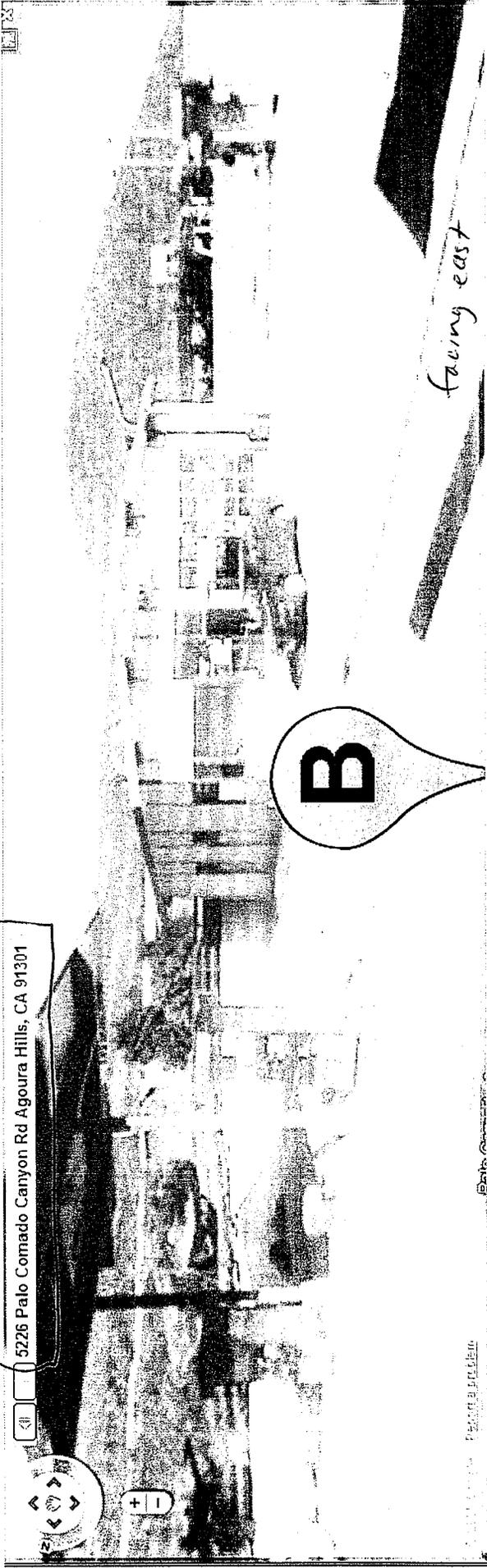


PROJECT NUMBER	SCA5226P1A
APPROVED BY	
CHECKED BY	
DRAWN BY	
ICD	05/07/07

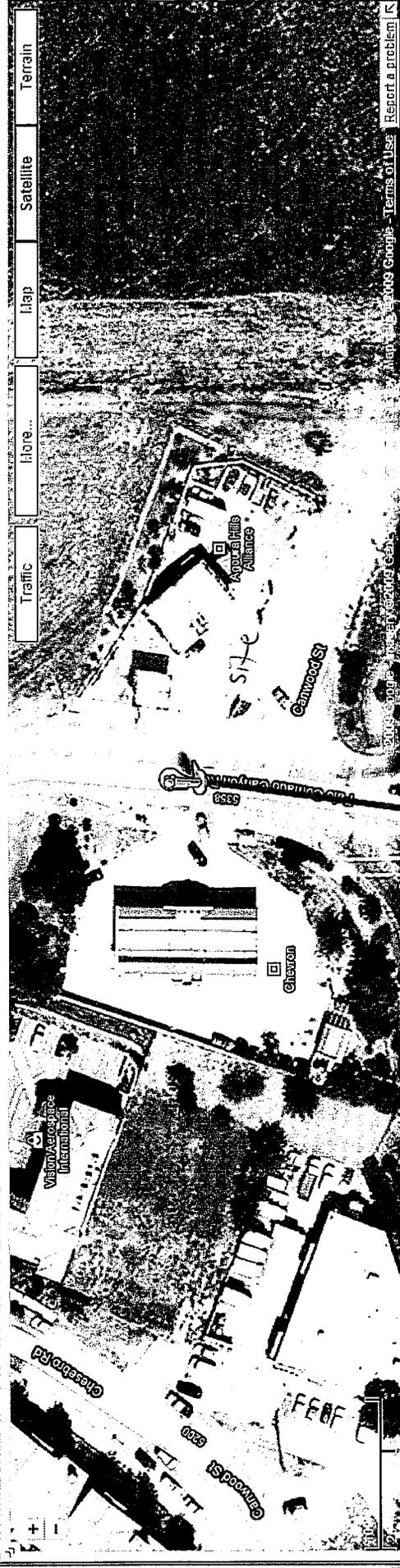


WEST CASE

5226 Palo Comado Canyon Rd Agoura Hills, CA 91301



facing east



from Google maps 1/11/2010

Soil Data

TABLE 2
 HISTORIC SOIL ANALYTICAL DATA (UST REMOVAL)
 FORMER SHELL SERVICE STATION
 5226 Palo Camado Canyon Road, Agoura Hills, California

Sample ID and Depth (feet)	Date Sampled	TPH-g (mg/kg)	TPH-d (mg/kg)	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)	Soil Type
Fuel UST Excavation															
T-1A114	2/10/2004	3.1	ND<5.0	NA	ND<0.10	ND<0.10	ND<0.10	ND<0.20	6.9	6.5	ND<0.10	ND<0.10	ND<0.10	ND<50	Bedrock
T-2A114	2/10/2004	4.0	ND<5.0	NA	0.11	0.18	ND<0.11	ND<0.21	12	2.4	ND<0.11	ND<0.11	ND<0.11	ND<53	Bedrock
T-3A114	2/10/2004	4.4	ND<5.0	NA	0.0076	0.013	0.0042	0.0286	0.64	0.61	0.00094	ND<0.00093	ND<0.00093	ND<0.47	Bedrock
T-4A114	2/10/2004	0.30	ND<5.0	NA	0.0021	0.0088	0.0023	0.0161	1.7	0.20	ND<0.00089	ND<0.00089	ND<0.00089	ND<45	Bedrock
T-1B114	2/10/2004	2.6	ND<5.0	NA	0.095	0.22	ND<0.093	0.50	7.6	7.3	ND<0.093	ND<0.093	ND<0.093	ND<46	Bedrock
T-2B114	2/10/2004	2.6	ND<5.0	NA	ND<0.096	0.14	ND<0.096	0.309	2.6	2.1	ND<0.096	ND<0.096	ND<0.096	ND<48	Bedrock
T-3B114	2/10/2004	0.91	ND<5.0	NA	0.033	0.17	0.063	0.41	0.81	ND<1.9	ND<0.0011	ND<0.0011	ND<0.0011	1.0	Bedrock
T-4B114	2/10/2004	180	29	NA	ND<0.091	0.36	0.13	0.96	2.6	1.9	ND<0.091	ND<0.091	ND<0.091	ND<45	Bedrock
Fuel UST Over-Excavation															
T-1A119	3/3/2004	ND<0.28	ND<5.0	NA	ND<0.0012	ND<0.0012	0.0012	ND<0.0012	0.052	0.037	ND<0.0012	ND<0.0012	ND<0.0012	ND<0.59	Bedrock
T-2A119	3/3/2004	ND<0.23	ND<5.0	NA	ND<0.00089	ND<0.00089	ND<0.00089	ND<0.00089	0.0078	ND<0.018	ND<0.00089	ND<0.00089	ND<0.00089	ND<0.45	Bedrock
T-3A119	3/3/2004	ND<0.26	ND<5.0	NA	0.0028	0.0023	0.0032	0.0224	0.055	0.083	ND<0.00091	ND<0.00091	ND<0.00091	ND<0.46	Bedrock
T-4A119	3/3/2004	ND<0.22	ND<5.0	NA	ND<0.00087	ND<0.00087	ND<0.00087	ND<0.00087	0.016	ND<0.017	ND<0.00087	ND<0.00087	ND<0.00087	ND<0.44	Bedrock
T-1B119	3/3/2004	ND<0.22	78*	NA	ND<0.094	ND<0.094	ND<0.094	ND<0.094	3.1	14	ND<0.094	ND<0.094	ND<0.094	ND<47	Bedrock
T-2B119	3/3/2004	0.63	ND<5.0	NA	ND<0.095	ND<0.095	ND<0.095	0.20	1.1	ND<1.9	ND<0.095	ND<0.095	ND<0.095	ND<48	Bedrock
T-3B119	3/3/2004	ND<0.24	ND<5.0	NA	ND<0.097	ND<0.097	ND<0.097	ND<0.097	9.2	3.5	ND<0.097	ND<0.097	ND<0.097	ND<49	Bedrock
T-4B119	3/3/2004	ND<0.30	ND<5.0	NA	ND<0.0017	0.015	0.0035	0.44	0.36	0.10	ND<0.0017	ND<0.0017	ND<0.0017	ND<0.87	Bedrock
Dispensers															
D-1d2	2/10/2004	ND<0.26	ND<5.0	NA	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0021	ND<0.021	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.52	Sand
D-1d4	2/10/2004	ND<0.27	ND<5.0	NA	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0022	ND<0.021	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.55	Sand
D-2d2	2/10/2004	430	1,200	NA	ND<0.10	ND<0.10	ND<0.10	0.59	ND<0.20	ND<2.0	ND<0.10	ND<0.10	ND<0.10	ND<50	Bedrock
D-2d4	2/10/2004	ND<0.27	ND<5.0	NA	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0022	0.031	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.55	Bedrock

EXNARALD

5017
2004

TABLE 2
 HISTORIC SOIL ANALYTICAL DATA (UST REMOVAL)
 FORMER SHELL SERVICE STATION
 5226 Palo Camacho Canyon Road, Agoura Hills, California

Sample I.D.	Date Sampled	TPH-g (mg/kg)	TPH-d (mg/kg)	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)	Soil Type
D-3d2	2/10/2004	11000	4300	NA	60	1100	250	1,760	ND<1.9	ND<19	ND<0.94	ND<0.94	ND<0.94	ND<470	Bedrock
D-3d4	2/10/2004	4700	3900	NA	15	410	120	830	ND<0.20	ND<2.0	ND<0.098	ND<0.098	ND<0.098	76	Bedrock
D-4d2	2/10/2004	270	260	NA	0.12	1.2	4.9	9.70	ND<0.21	ND<2.1	ND<0.11	ND<0.11	ND<0.11	ND<53	Bedrock
D-4d4	2/10/2004	90	86	NA	ND<0.081	0.74	0.85	4.3	ND<0.16	ND<1.6	ND<0.081	ND<0.081	ND<0.081	ND<40	Bedrock
Dispensers Over-Excavation															
D-2d8	3/3/2004	ND<0.22	ND<5.0	NA	ND<0.00083	ND<0.00083	ND<0.00083	ND<0.00083	ND<0.0017	ND<0.017	ND<0.00083	ND<0.00083	ND<0.00083	ND<0.42	Bedrock
D-3d8	3/3/2004	2.3	9.5	NA	0.0035	0.044	0.0071	0.046	0.063	ND<1.5	ND<0.00089	ND<0.00089	ND<0.00089	ND<0.42	Bedrock
D-4d8	3/3/2004	38	ND<5.0	NA	0.013	0.035	0.34	0.0099	0.36	0.22	ND<0.00091	ND<0.00091	ND<0.00091	ND<0.46	Bedrock
Piping															
P-1d4	2/10/2004	ND<0.23	ND<5.0	0.0026	0.0018	ND<0.00098	ND<0.0009	ND<0.0020	ND<0.0020	ND<0.020	0.0015	ND<0.00098	ND<0.00098	ND<0.49	Bedrock
Hydraulic Hoist															
H-1d9	2/10/2004	ND<0.30	ND<5.0	25	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0022	ND<0.0022	ND<0.022	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.55	Bedrock
Clarifier															
C-1d8	2/10/2004	ND<0.24	ND<5.0	19	ND<0.00090	0.0029	ND<0.00090	0.0045	0.0039	0.044	ND<0.00090	ND<0.00090	ND<0.00090	ND<0.45	Bedrock
Clarifier Over-Excavation															
C-1d10	3/4/2004	ND<0.22	390*	240	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.0019	ND<0.019	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.46	Bedrock
Waste Oil Tank															
WOT-1d10	2/10/2004	ND<0.24	ND<5.0	ND<10	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0021	0.059	1.9	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.53	Bedrock
Waste Oil Tank Over-Excavation															
WOT-1d11	3/4/2004	ND<0.25	ND<5.0	69	ND<0.00096	ND<0.00096	ND<0.00096	ND<0.00096	0.029	ND<0.019	ND<0.00096	ND<0.00096	ND<0.00096	ND<0.48	Bedrock

Notes:
 = milligrams per kilogram
 = Not analyzed
 = Not detected; refer to laboratory reports for detection limits
 = Total Recoverable Petroleum Hydrocarbons
 = Total Petroleum Hydrocarbons as gasoline
 = Total Petroleum Hydrocarbons as diesel
 BTEX & Oxygenates analyzed using EPA Method 8260B
 TPH-g analyzed using EPA Method 8015 modified

MTBE = Methyl tert-butyl ether
 TBA = Tert-butyl alcohol
 DIPE = Di-isopropyl ether
 ETBE = Ethyl tert-butyl ether
 TAME = Tert-amyl methyl ether
 * = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
 J = Analyte was detected at a concentration below the reporting limit. Reported value is estimated.

Soil
 2004

TABLE 3
 HISTORIC SOIL ANALYTICAL DATA: WELL W-20
 FORMER SHELL SERVICE STATION
 5226 Palo Camado Canyon Road, Agoura Hills, California

Sample Depth (feet)	TPH-g mg/kg	TPH-d mg/kg	Benzene mg/kg	Ethyl- benzene mg/kg	Toluene mg/kg	Total Xylenes mg/kg	MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg	Ethanol mg/kg
10	ND<0.22	ND<5.0	ND<0.00096	0.0028	ND<0.00096	0.034	ND<0.0019	ND<0.019	ND<0.00096	ND<0.00096	ND<0.00096	ND<0.48
15	ND<0.23	ND<5.0	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.0018	ND<0.018	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.46
20	ND<0.22	ND<5.0	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.0018	ND<0.018	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.46
26	ND<0.23	12	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.0018	ND<0.018	ND<0.00092	ND<0.00092	ND<0.00092	ND<0.46
30	ND<0.30	31	ND<0.0010	ND<0.0010	ND<0.0010	0.0013	ND<0.0020	ND<0.020	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.51

0.514

Notes:

mg/kg - milligrams per kilogram
 ND - Not detected above laboratory detection limits
 NA - not analyzed
 TPH-g - Total Petroleum Hydrocarbons as gasoline
 TPH-g analyzed using Dept of Health Services LUFT Method
 MTBE & fuel oxygenates analyzed using EPA Method 8260B
 Ethanol quantified using EPA Method 8260B

TBA - Tert-butyl alcohol
 MTBE - Methyl tert-butyl ether
 ETBE - Ethyl tert-butyl ether
 DIPE - Di-isopropyl ether
 TAME - Tert-amyl methyl ether
 BTEX, MTBE, TBA, DIPE, ETBE, and TAME analyzed using EPA Method 8260B

Table 4
Soil Analytical Data: Confirmation Borings (December 2007)
Former Shell Service Station
5226 Palo Comado Canyon Road, Agoura Hills, California

Sample Location	Sample Name	Sample Depth (feet)	Sample Date	TPH-g		TPH-d mg/kg	Benzene mg/kg	Ethyl- benzene mg/kg	Toluene mg/kg	Total Xylenes mg/kg	MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg
				GC/MS	EPA 8015 Mod.										
CB-21	CB-21d8	8	12/11/07	ND< 0.11	ND< 5	ND< 0.0011	0.0011	ND< 0.0011	ND< 0.0011	ND< 2.1	ND< 0.0021	ND< 0.021	ND< 0.0021	ND< 0.0021	ND< 0.0021
CB-21	CB-21d12	12	12/11/07	ND< 0.11	ND< 5	ND< 0.0011	ND< 0.0011	ND< 0.0011	ND< 0.0011	ND< 2.2	ND< 0.0022	ND< 0.022	ND< 0.0022	ND< 0.0022	ND< 0.0022
CB-21	CB-21d15	15	12/11/07	1.1	68	0.013	0.074	(0.02)	ND< 0.023	ND< 2.3	ND< 0.0023	ND< 0.023	ND< 0.0023	ND< 0.0023	ND< 0.0023
CB-22	CB-22d8	8	12/11/07	ND< 0.087	ND< 5	ND< 0.00087	ND< 0.00087	ND< 0.00087	ND< 0.00087	ND< 1.7	ND< 0.0017	ND< 0.017	ND< 0.0017	ND< 0.0017	ND< 0.0017
CB-22	CB-22d12	12	12/11/07	ND< 0.091	ND< 5	ND< 0.00091	ND< 0.00091	ND< 0.00091	ND< 0.00091	ND< 1.8	ND< 0.0018	ND< 0.018	ND< 0.0018	ND< 0.0018	ND< 0.0018
CB-22	CB-22d15	15	12/11/07	ND< 0.098	ND< 5	ND< 0.00098	0.0012	0.0011	ND< 0.0029	ND< 1.8	ND< 0.0018	ND< 0.018	ND< 0.0018	ND< 0.0018	ND< 0.0018
CB-25	CB-25d8	8	12/11/07	1.1	ND< 5	ND< 0.001	0.0024	ND< 0.001	ND< 2.1	ND< 2.1	ND< 0.0021	0.61	ND< 0.0021	ND< 0.0021	ND< 0.0021
CB-25	CB-25d12	12	12/11/07	120	ND< 5	ND< 0.047	5.5	ND< 0.047	ND< 94	ND< 94	ND< 0.0094	0.58	ND< 0.0094	ND< 0.0094	ND< 0.0094
CB-25	CB-25d15	15	12/11/07	0.21	ND< 5	ND< 0.0013	ND< 0.0013	ND< 0.0013	ND< 2.5	ND< 2.5	ND< 0.0025	0.58	ND< 0.0025	ND< 0.0025	ND< 0.0025
CB-26	CB-26d8	8	12/11/07	350	83	0.0013	ND< 0.00096	ND< 0.00096	ND< 0.00096	ND< 1.9	ND< 0.0019	0.037	ND< 0.0019	ND< 0.0019	ND< 0.0019
CB-26	CB-26d12	12	12/11/07	50	88	ND< 0.063	0.17	ND< 0.063	ND< 130	ND< 130	ND< 0.13	ND< 1.3	ND< 0.13	ND< 0.13	ND< 0.13
CB-26	CB-26d15	15	12/11/07	0.68	ND< 5	ND< 0.0012	ND< 0.0012	ND< 0.0012	ND< 2.4	ND< 2.4	ND< 0.0024	0.03	ND< 0.0024	ND< 0.0024	ND< 0.0024

5.3 0.0013

2

0.45

0.011

100

700

SSZs (mg/kg)

DIPE - Di-isopropyl ether

ETBE - Ethyl tert-butyl ether

TAME - Tert-amyl methyl ether

TRPH - Total Recoverable Petroleum Hydrocarbons

TPH-g - Total Petroleum Hydrocarbons as gasoline

TPH-d - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl tert-butyl ether

TBA - Tert-butyl alcohol

Data Qualifiers and Definitions:

I - Internal Standard recovery was outside of method limits. Matrix interference was confirmed.

mg/kg - milligrams per kilogram

ND - Not detected above laboratory detection limits

NA - Not analyzed

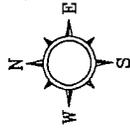
Only 8 ft bgs samples (first row above) in vadose zone

TABLE 6
 SOIL ANALYTICAL DATA: CONFIRMATION BORINGS (MARCH 2009)
 Former Shell Service Station
 5226 Palo Comado Canyon Road, Agoura Hills, California

Sample Location	Sample Name	Sample Depth (feet)	Sample Date	TPH-g		TPH-d		Benzene mg/kg	Ethylbenzene mg/kg	Toluene mg/kg	Xylenes mg/kg		MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg	Ethanol mg/kg
				EPA 8015 Mod.	mg/kg	EPA 8015 Mod.	mg/kg				EPA 8260B	EPA 8260B						
CB-27	CB-2745	5	03/13/09	0.36	ND < 5	ND < 0.0008	ND < 0.0016	ND < 0.0016	ND < 0.0016	ND < 0.0016	ND < 0.0008	ND < 0.0008	ND < 0.0008	ND < 0.0008	ND < 0.0008	ND < 0.0008	ND < 0.4	
CB-27	CB-27410	10	03/13/09	170	14	ND < 0.00091	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.46	
CB-27	CB-27615	15	03/13/09	ND < 0.23	ND < 5	ND < 0.0011	ND < 0.0022	ND < 0.0022	ND < 0.0022	ND < 0.0022	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.54	
CB-27	CB-27620	20	03/13/09	ND < 0.29	140	ND < 0.001	ND < 0.0021	ND < 0.0021	ND < 0.0021	ND < 0.0021	ND < 0.001	ND < 0.001	ND < 0.001	ND < 0.001	ND < 0.001	ND < 0.001	ND < 0.52	
CB-27	CB-27625	25	03/13/09	ND < 0.29	230	ND < 0.0011	ND < 0.0023	ND < 0.0023	ND < 0.0023	ND < 0.0023	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.0011	ND < 0.56	
CB-28	CB-2848	8	03/13/09	1	ND < 5	ND < 0.0009	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.0009	ND < 0.0009	ND < 0.0009	ND < 0.0009	ND < 0.0009	ND < 0.45		
CB-28	CB-28410	10	03/13/09	200	22	ND < 0.00091	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.0018	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.00091	ND < 0.45		
CB-28	CB-28415	15	03/13/09	ND < 0.21	ND < 5	ND < 0.00094	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.47		
CB-28	CB-28420	20	03/13/09	ND < 0.23	98	ND < 0.00095	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.48		
CB-28	CB-28425	25	03/13/09	ND < 0.25	54	ND < 0.00096	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.48		
CB-29	CB-2945	5	03/12/09	ND < 0.24	ND < 5	ND < 0.00095	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.00095	ND < 0.47		
CB-29	CB-29410	10	03/12/09	ND < 0.25	ND < 5	ND < 0.00094	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.00094	ND < 0.47		
CB-29	CB-29415	15	03/12/09	0.5	ND < 5	ND < 0.00098	ND < 0.002	ND < 0.002	ND < 0.002	ND < 0.002	ND < 0.00098	ND < 0.00098	ND < 0.00098	ND < 0.00098	ND < 0.00098	ND < 0.49		
CB-29	CB-29420	20	03/12/09	0.56	65	ND < 0.00096	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.0019	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.00096	ND < 0.48		
CB-30	CB-3045	5	03/12/09	4.6	970	ND < 0.00099	ND < 0.002	ND < 0.002	ND < 0.002	ND < 0.002	ND < 0.00099	ND < 0.00099	ND < 0.00099	ND < 0.00099	ND < 0.00099	ND < 0.49		
CB-30	CB-30410	10	03/12/09	440	2900	ND < 0.1	ND < 0.2	ND < 0.2	ND < 0.2	ND < 0.2	ND < 0.1	ND < 0.1	ND < 0.1	ND < 0.1	ND < 0.1	ND < 0.50		
CB-30	CB-30415	15	03/12/09	92	7.7	ND < 0.00087	ND < 0.0017	ND < 0.0017	ND < 0.0017	ND < 0.0017	ND < 0.00087	ND < 0.00087	ND < 0.00087	ND < 0.00087	ND < 0.00087	ND < 0.44		
CB-30	CB-30420	20	03/12/09	ND < 0.25	ND < 5	ND < 0.0012	ND < 0.0024	ND < 0.0024	ND < 0.0024	ND < 0.0024	ND < 0.0012	ND < 0.0012	ND < 0.0012	ND < 0.0012	ND < 0.0012	ND < 0.6		

0445.1 + 0

Notes:
 mg/kg - milligrams per kilogram
 ND - Not detected above laboratory detection limits
 NA - Not analyzed
 TPH-g - Total Petroleum Hydrocarbons as gasoline
 TPH-d - Total Petroleum Hydrocarbons as diesel
 Data Qualifiers and Definitions:
 CB-29415 TPH as Gasoline - The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard
 CB-30410 TPH as Gasoline - The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard
 CB-30410 Benzene - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Ethylbenzene - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Toluene - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Xylenes (total) - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Methyl-Butyl Ether (MTBE) - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Tert-Butyl Alcohol (TBA) - The reporting limit is elevated resulting from matrix interference.
 CB-30410 Diisopropyl Ether (DIPE) - The reporting limit is elevated resulting from matrix interference.

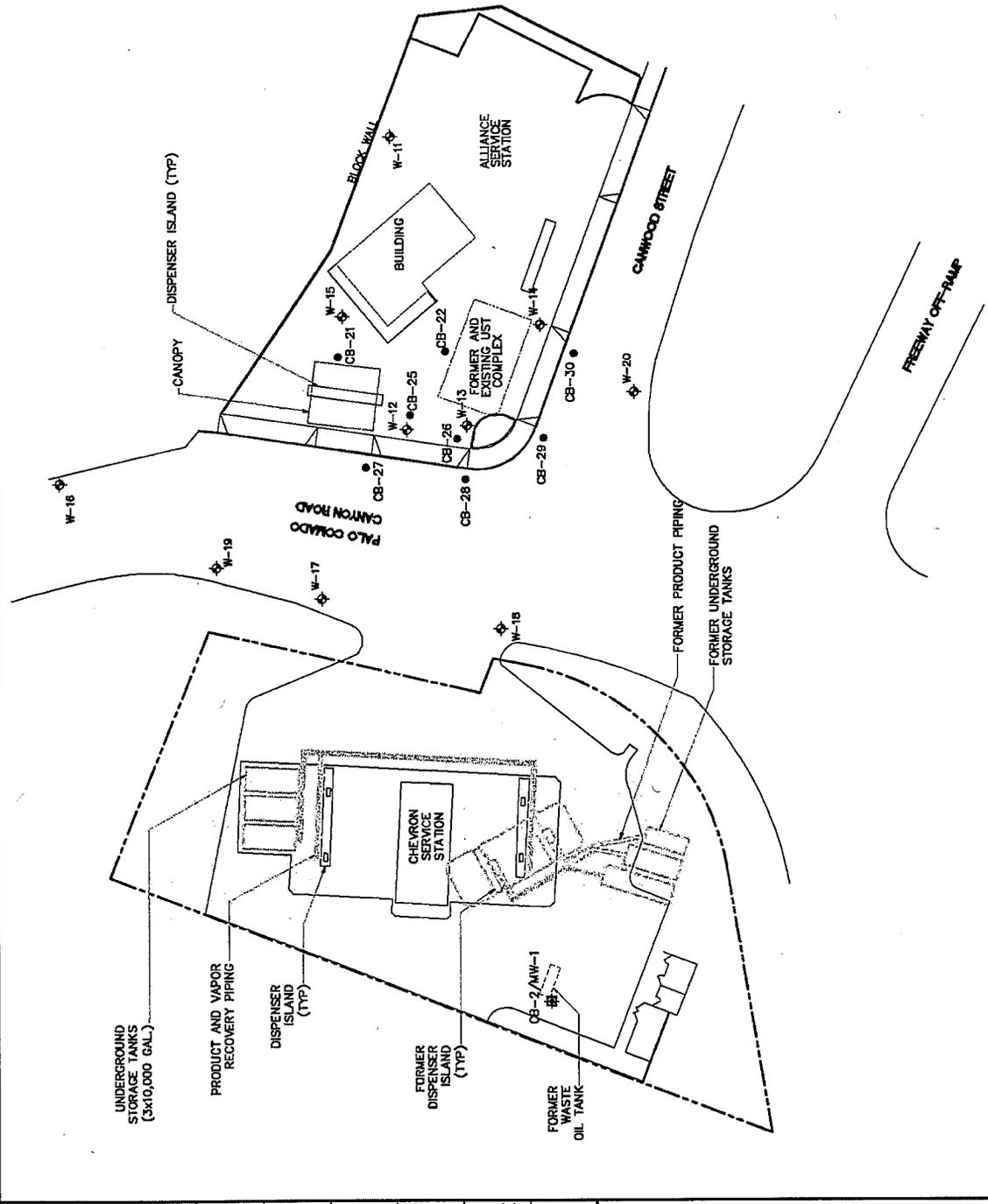


LEGEND
 MW-1◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 CB-21● CONFIRMATION BORING LOCATION AND DESIGNATION

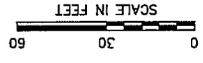
DELTA CONSULTANTS
 SHELL OIL PRODUCTS US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

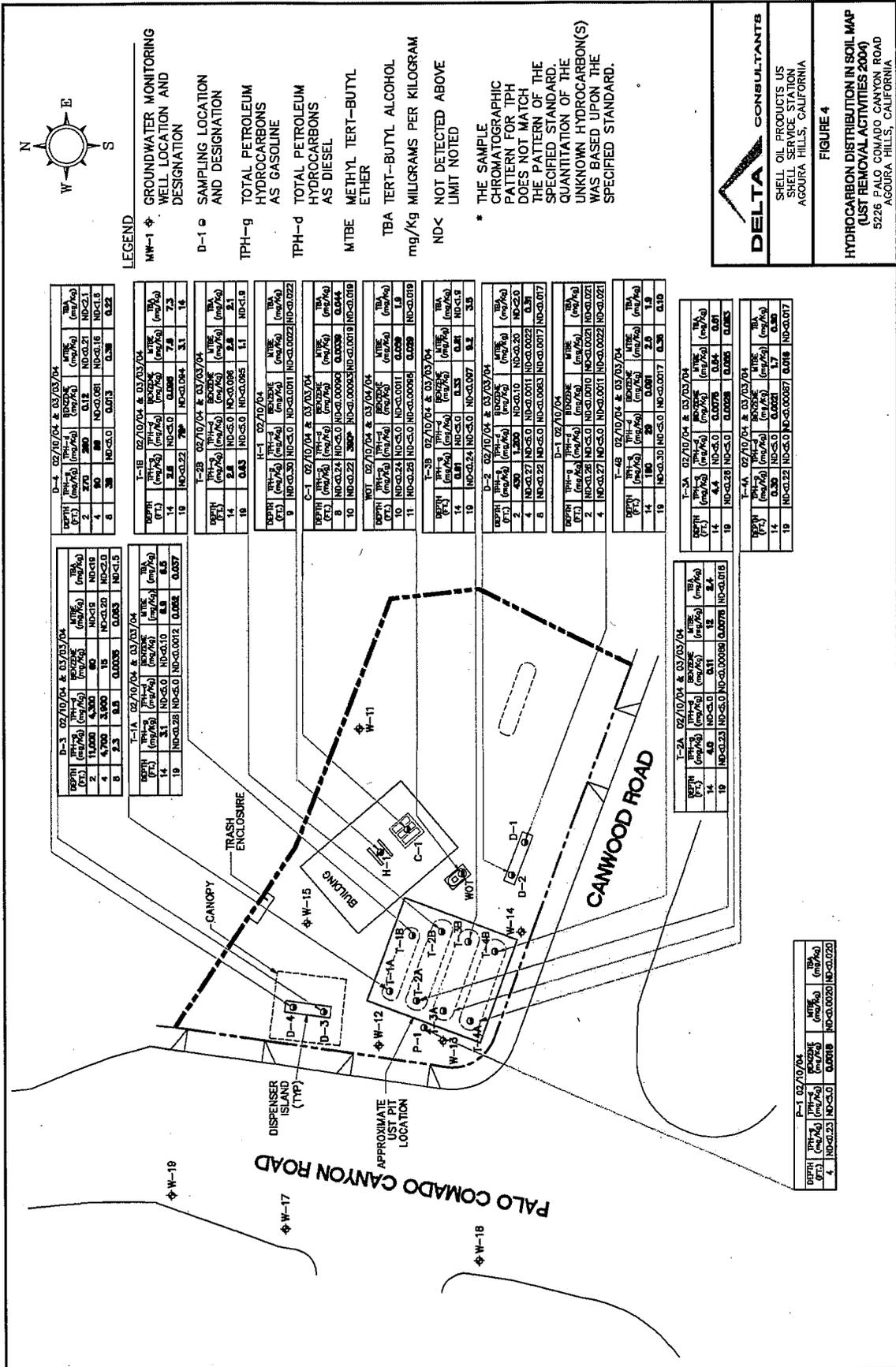
FIGURE 2
 SITE MAP WITH
 SOIL BORING LOCATIONS

5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA



PROJECT NUMBER	SCA5226P
APPROVED BY	
CHECKED BY	
DRAWN BY	JFF
	4/7/2009





LEGEND

MW-1 ϕ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

D-1 \circ SAMPLING LOCATION AND DESIGNATION

TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL

MTBE METHYL TERT-BUTYL ETHER

TBA TERT-BUTYL ALCOHOL

mg/Kg MILLIGRAMS PER KILOGRAM

ND< NOT DETECTED ABOVE LIMIT NOTED

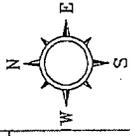
* THE SAMPLE CHROMATOGRAPHIC PATTERN FOR TPH DOES NOT MATCH THE PATTERN OF THE SPECIFIED STANDARD. UNKNOWN HYDROCARBON(S) WAS BASED UPON THE SPECIFIED STANDARD.

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 AGOURA HILLS, CALIFORNIA

FIGURE 4

HYDROCARBON DISTRIBUTION IN SOIL MAP (UST REMOVAL ACTIVITIES 2004)
 5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

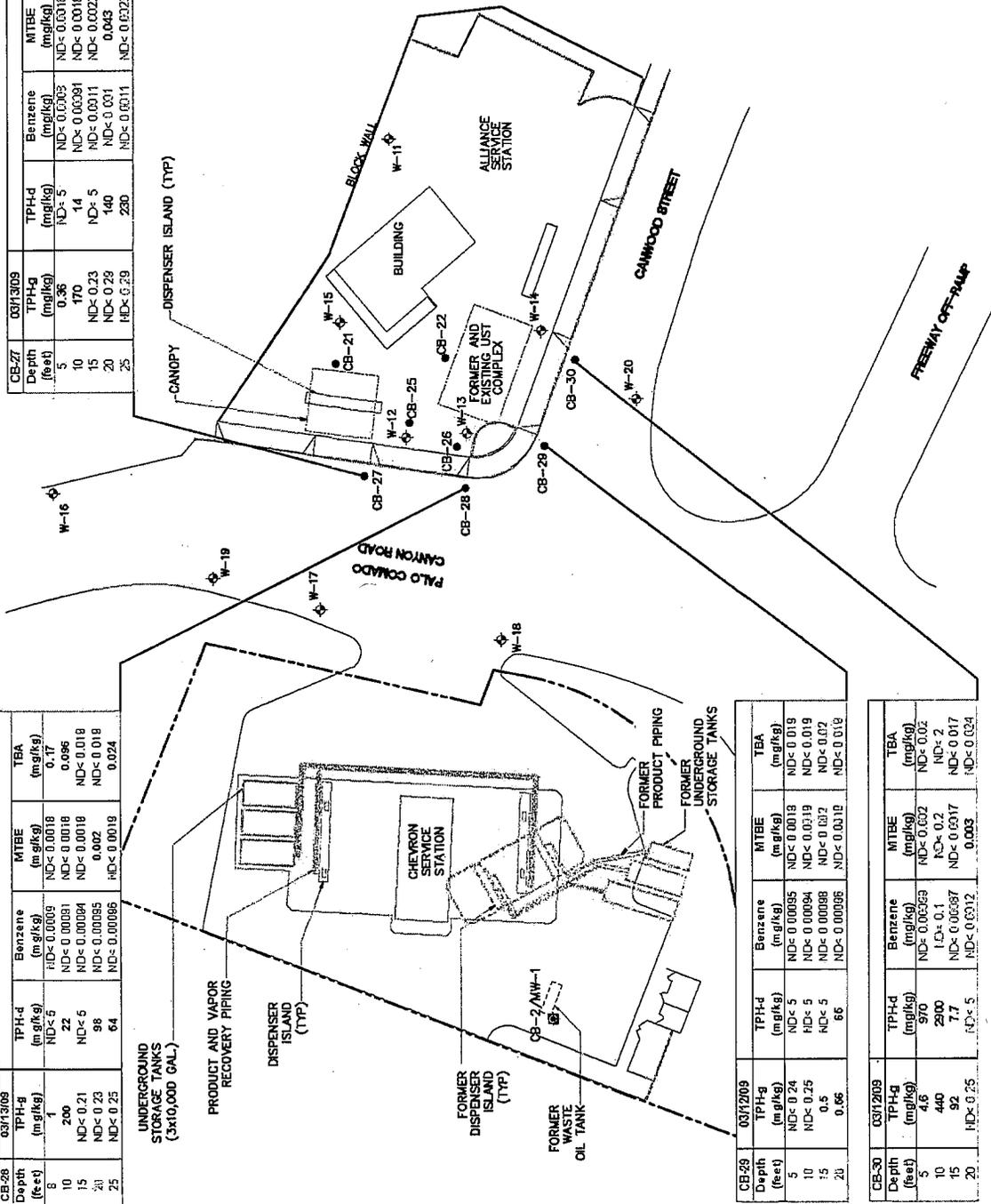


CB-27	Depth (feet)	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
03/12/09	5	0.36	ND< 5	ND< 0.0016	ND< 0.0016	ND< 0.016
	10	170	14	ND< 0.00381	ND< 0.0016	0.16
	15	ND< 0.23	ND< 5	ND< 0.00311	ND< 0.0022	0.23
	20	ND< 0.29	140	ND< 0.0011	0.043	0.31
	25	ND< 0.29	230	ND< 0.0011	ND< 0.0023	ND< 0.023

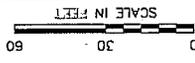
CB-28	Depth (feet)	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
03/12/09	8	200	ND< 5	ND< 0.0009	ND< 0.0018	0.17
	10	ND< 0.21	22	ND< 0.00094	ND< 0.0018	0.096
	15	ND< 0.23	ND< 5	ND< 0.00085	ND< 0.0018	ND< 0.018
	20	ND< 0.25	64	ND< 0.00086	ND< 0.0018	ND< 0.018
	25	ND< 0.25	64	ND< 0.00086	ND< 0.0018	0.024

LEGEND

- MW-14 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- CB-21* CONFIRMATION BORING LOCATION AND DESIGNATION
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL TERT-BUTYL ETHER
- TBA TERT-BUTYL ALCOHOL
- ND< NOT DETECTED ABOVE LIMIT NOTED
- mg/kg MILLIGRAMS PER KILOGRAM



PROJECT SCA5226P
 APPROVED BY _____
 CHECKED BY _____
 DRAWN BY _____
 DATE 1/7/2009



DELTA CONSULTANTS

SHELL OIL PRODUCTS US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

FIGURE 7
 HYDROCARBON DISTRIBUTION IN
 SOIL MAP

5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

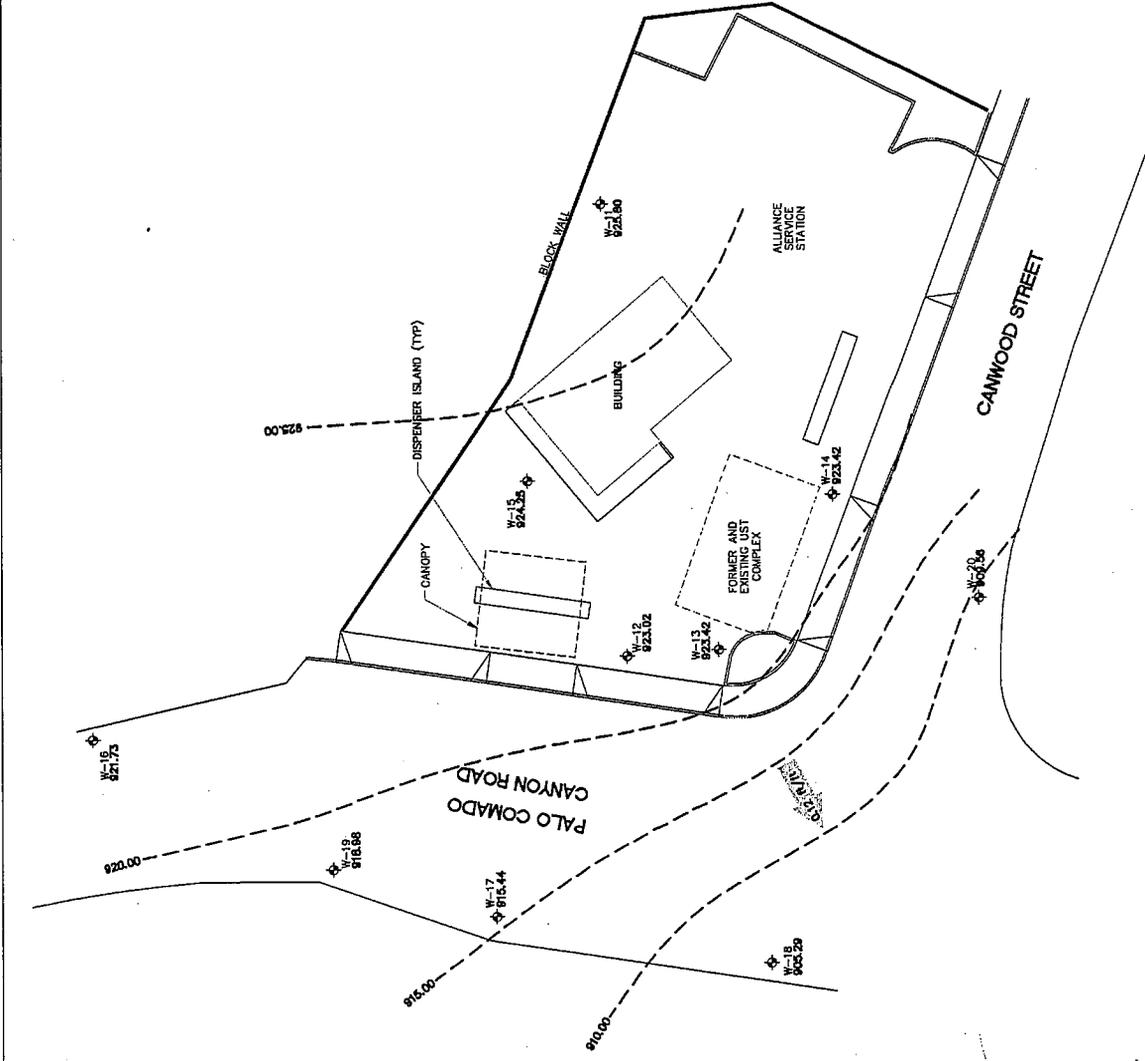
Soil

Groundwater Data



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 923.60 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (F/MSL)
- 923.00 GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (F/MSL)
- 923.00 CONTOUR INTERVAL=5.00 FEET
- APPROXIMATE GROUNDWATER GRADIENT DIRECTION (R/R)



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 SHELL OIL PRODUCTS, US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
 04/14/2009
 5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

PROJECT NUMBER	SCA5226P1A
APPROVED BY	
CHECKED BY	
DRAWN BY	
ICD	05/20/2009

SCALE IN FEET
 0 15 30

TABLE 2 CURRENT GROUNDWATER GAUGING AND ANALYTICAL RESULTS 5226 Palo Colorado Canyon Road, Agoura Hills, California																					
DATE	DEPTH (feet)	SPH (feet)	GW ELEV. (ft relative to G.W. THICKN. (feet))	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL- BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL METHANE (ug/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
W-11	4/14/2009	10.46	0.00	925.80	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<0.00100	ND<0.10	1.3 b	2100	0.60/0.61	132/57	
W-12	4/14/2009	10.24	0.00	923.02	ND<500	67 a	ND<1.0	ND<1.0	ND<1.0	4.0	360	ND<2.0	ND<2.0	ND<2.0	0.00109	ND<0.10	ND<0.20 b	2100	0.53/0.62	112/51	
W-13	4/14/2009	10.34	0.00	923.42	ND<500	56 a	ND<1.0	ND<1.0	ND<1.0	1.7	ND<1.0	ND<2.0	ND<2.0	ND<2.0	0.00737	0.61	ND<0.20 b	2200	0.45/0.64	47/68	
W-14	4/14/2009	11.70	0.00	923.42	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	3.1	72	ND<2.0	ND<2.0	ND<2.0	ND<0.00100	ND<0.10	0.20	1200	0.62/0.53	16/44	
W-15	4/14/2009	10.15	0.00	924.25	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	2.9	ND<1.0	ND<2.0	ND<2.0	ND<2.0	0.00101	ND<0.10	ND<0.20 b	2400	0.50/0.79	92/50	
W-16	4/14/2009	9.27	0.00	921.73	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<0.00100	ND<0.10	0.40	2800	0.79/0.77	23/23	
W-17	4/14/2009	16.43	0.00	915.44	ND<500	88 a	ND<1.0	ND<1.0	ND<1.0	8.1	780	ND<2.0	ND<2.0	ND<2.0	0.00326	12	ND<0.20 b	2900	0.80/0.76	-26/-8	
W-18	4/14/2009	27.35	0.00	905.29	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	0.00243	0.28	ND<0.20 b	1600	0.78/0.23	-30/4	
W-19	4/14/2009	11.45	0.00	918.98	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	10	17	ND<2.0	ND<2.0	ND<2.0	0.00126	ND<0.10	ND<0.20 b	2400	0.95/0.84	85/73	
W-20	4/14/2009	24.13	0.00	909.36	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	0.00139	0.58	0.75	1200	0.72/0.63	83/36	
Notes:																					
GW = groundwater																					
SPH = separate-phase hydrocarbons																					
MSL = mean sea level																					
ND = not detected																					
ug/L = parts per billion																					
TPH-D = total petroleum hydrocarbons as diesel analyzed using the California DHS LUFT Method																					
TPH-G = total petroleum hydrocarbons as gasoline analyzed using the California DHS LUFT Method																					
Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B																					
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B																					
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B																					
DIPE = diisopropyl ether analyzed using EPA Method 8260B																					
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B																					
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B																					
Fe 2+ = [Fe]																					
DO = dissolved oxygen																					
ORP = Oxidation-Reduction Potential																					
* - hydrocarbon does not match pattern of laboratory's standard																					
RL-1 = reporting limit raised due to sample matrix effect.																					
a - total purgeable petroleum hydrocarbons using 8260B																					
b - The reporting limit is elevated resulting from matrix interference.																					
Ethanol analyzed using EPA Method 8015B prior to 3/04.																					
Wells W-11 through W-15 and W-17 through W-19 surveyed on February 23, 2004 by Azimuth Group of Ventura, CA.																					
Wells W-16 and W-20 surveyed on July 24, 2006 by DULIN and BOYNTON, CA.																					

GW
MWs
2009
Apr.

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
 5226 Palo Comado Canyon Road, Agoura Hills, California

DATE	DEPTH (feet)	SPH THICKN. (ft)	GW ELEV. (ft)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL BENZENE XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIFE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL METHANE (ug/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
W-11	Top of casing elevation (ft): unknown																				
1/26/2004	10.59	0.00	ND<1000	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/30/2004	16.05	0.00	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
Top of casing elevation (ft): 936.26																					
4/23/2004	10.30	0.00	925.96	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004	10.67	0.00	925.59	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/14/2004	10.10	0.00	926.16	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	10.00	0.00	934.95	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	9.77	0.00	926.55	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	9.84	0.00	926.42	1600	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005																					Unable to access well
1/10/2006																					Unable to access well
4/5/2006																					Unable to access well
7/24/2006																					Unable to access well
10/11/2006																					Unable to access well
1/31/2007																					Unable to access well
4/4/2007																					Unable to access well
7/11/2007	10.23	0.00	926.03	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	0.28	2200	0.16/0.09	109/98
10/11/2007	10.20	0.00	926.06	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	0.025	ND<0.10	0.29	2300	0.34/0.17	107/86
1/16/2008	10.17	0.00	926.09	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0055	ND<0.10	0.44	2200	0.27/0.16	174/8
4/3/2008	9.85	0.00	926.41	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	2.3	3100	0.35/1.32	79/60
7/18/2008	9.97	0.00	926.29	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.57	2700	0.26/0.35	155/183
10/8/2008	10.30	0.00	925.96	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.22	2300	0.73/0.36	38/116
1/14/2009	10.33	0.00	925.93	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	2800	0.51/0.21	159/3	
4/14/2009	10.46	0.00	925.80	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	2100	0.60/0.61	132/57	
W-12	Top of casing elevation (ft): unknown																				
1/26/2004	11.40	0.00																			
1/30/2004	14.39	0.00	ND<1000	4200	5.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0	45000	15000	ND<2.0	ND<2.0	17	ND<100						
Top of casing elevation (ft): 933.26																					
4/23/2004																					
7/21/2004	15.11	0.00	918.15	680	ND<100	ND<200	ND<200	ND<200	ND<200	ND<200	29000	ND<400	ND<400	ND<400	ND<20000						
10/14/2004	14.52	0.00	918.74	ND<500	700 *	ND<50	ND<50	ND<50	ND<50	150	24000	ND<100	ND<100	ND<100	ND<5000						
1/11/2005	5.16	0.00	928.10	ND<500	ND<25	ND<50	ND<50	ND<50	ND<50	170	16000	ND<100	ND<100	ND<100	ND<5000						
4/19/2005	4.80	0.00	928.46	ND<500	240 *	ND<50	ND<50	ND<50	ND<50	180	14100	ND<100	ND<100	ND<100	ND<500						
7/26/2005	4.75	0.00	928.51	2200	ND<50	ND<10	ND<10	ND<10	ND<10	120	4800	ND<20	ND<20	ND<20	ND<1000						
10/24/2005	5.10	0.00	928.16	ND<500	150 *	ND<1.0	ND<2.0	ND<2.0	ND<2.0	30	1700	ND<4.0	ND<4.0	ND<4.0	ND<200						
1/10/2006	5.29	0.00	927.97	ND<470	ND<200	ND<0.50	ND<0.50	0.50	1.3	28	2500	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/5/2006	5.45	0.00	927.81	ND<470	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	30	1900	ND<1.0	ND<1.0	ND<1.0	ND<150						
7/24/2006	6.74	0.00	926.52	ND<470	220	ND<2.0	ND<2.0	ND<2.0	ND<4.0	43	2000	ND<4.0	ND<4.0	ND<4.0	ND<600	ND<0.050	ND<0.10	ND<0.30 RL-1	2000	0.67/1.15	-71/-26
10/11/2006	7.10	0.00	926.16	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	15	1100	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.55 RL-1	2300	1.76/0.47	18/3
1/31/2007	9.22	0.00	924.04	ND<470	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.9	1100	ND<2.0	ND<2.0	ND<2.0	ND<300	ND<0.050	ND<0.10	ND<0.011	2300	0.60/0.28	84/-89
4/4/2007	9.63	0.00	923.63	ND<480	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.3	1000	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.011	2000	0.31/0.23	157/90
7/12/2007	10.59	0.00	922.67	ND<480	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	7.6	1100	ND<2.0	ND<2.0	ND<2.0	ND<300	0.0063	0.10	ND<0.22 RL-1	2100	0.25/0.10	-22/108
10/11/2007	10.55	0.00	922.71	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.7	410	ND<1.0	ND<1.0	ND<1.0	ND<150	0.023	1.0	ND<0.22 RL-1	1500	0.47/0.26	10/56
1/16/2008	10.53	0.00	922.73	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.0	390	ND<1.0	ND<1.0	ND<1.0	ND<150	0.036	3.0	ND<0.22 RL-1	2300	0.15/0.13	84/-15
4/3/2008	7.33	0.00	925.04	ND<500	54 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.8	380	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00138	ND<0.10	ND<0.20 b	2700	0.38/0.18	-29/25
7/18/2008	8.22	0.00	925.04	ND<500	81 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	5.0	360	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00276	ND<0.10	ND<0.20 b	1900	0.18/0.42	-38/75
10/8/2008	10.05	0.00	923.21	ND<500	72 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.7	370	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.20 b	2600	0.33/0.23	-23/129
1/14/2009	10.71	0.00	922.55	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.3	270	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.20 b	2900	0.49/0.38	-45/78
4/14/2009	10.24	0.00	923.02	ND<500	67 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	4.0	360	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00109	ND<0.10	ND<0.20 b	2100	0.53/0.62	112/31

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
 5226 Palo Comato Canyon Road, Agoura Hills, California

DATE	DEPTH (feet)	SPH TO GW THICKEN (ft relative to MSL)	GW ELEV. (ft)	TPH-D (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL METHANE (ug/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
W-13	Top of casing elevation (ft): unknown																			
1/26/2004	10.90	0.00	ND<1000	3900	1.3	ND<1.0	ND<1.0	ND<1.0	45000	25000	ND<2.0	ND<2.0	13	ND<100						
1/30/2004	10.52	0.00	ND<1000	933.76	1.3	ND<1.0	ND<1.0	ND<1.0	820	93000	ND<1000	ND<1000	ND<1000	ND<1000						
4/23/2004	13.58	0.00	980 *	ND<250	ND<500	ND<500	ND<500	ND<200	230	35000	ND<400	ND<400	ND<400	ND<20000						
7/21/2004	13.45	0.00	920.31	ND<500	ND<200	ND<200	ND<200	ND<200	50	17000	ND<400	ND<400	ND<400	ND<20000						
10/14/2004	12.45	0.00	921.31	ND<500	ND<100	ND<100	ND<100	ND<200	100	960	ND<400	ND<400	ND<400	ND<2000						
1/11/2005	1.95	0.00	931.81	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	170	1400	ND<4.0	ND<4.0	ND<4.0	ND<200						
4/19/2005	3.45	0.00	930.31	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<2.0	49	1800	ND<4.0	ND<4.0	ND<4.0	ND<200						
7/26/2005	9.08	0.00	924.68	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	110	880	ND<4.0	ND<4.0	ND<4.0	ND<200						
10/24/2005	4.37	0.00	929.39	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<2.0	16	710	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/5/2006	4.78	0.00	928.98	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<1.0	6.0	440	ND<1.0	ND<1.0	ND<1.0	ND<150						
10/11/2006	7.30	0.00	926.46	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<1.0	9.0	230	ND<1.0	ND<1.0	ND<1.0	ND<150	0.085	ND<0.10	ND<0.30 RL-1	2200	0.45/1.63	-59/-89
1/31/2007	9.34	0.00	924.42	ND<470	ND<1.0	ND<1.0	ND<1.0	ND<2.0	4.5	310	ND<1.0	ND<1.0	ND<1.0	ND<150	0.22	ND<0.50	ND<0.55 RL-1	2300	0.38/0.37	-45/-45
4/4/2007	9.99	0.00	923.77	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	5.4	410	ND<2.0	ND<2.0	ND<2.0	ND<300	1.0	ND<0.11	ND<0.11	2300	0.43/0.81	-205/-96
7/12/2007	10.87	0.00	922.89	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.5	77	ND<1.0	ND<1.0	ND<1.0	ND<150	0.058	ND<0.10	ND<0.11	2300	0.34/0.72	-60/79
10/11/2007	10.80	0.00	922.96	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.026	ND<0.10	ND<0.11	2200	0.16/0.26	28/46
1/16/2008	10.69	0.00	923.07	ND<480	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.7	29	ND<1.0	ND<1.0	ND<1.0	ND<150	0.13	ND<0.22 RL-1	1600	0.31/0.23	46/53	
4/3/2008	6.87	0.00	926.89	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.5	15	ND<2.0	ND<2.0	ND<2.0	ND<100	0.012	ND<0.30 RL-1	2200	0.11/0.45	-42/12	
7/18/2008	8.56	0.00	925.20	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.3	22	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0206	ND<0.20 b	2900	0.29/2.99	8/2	
10/8/2008	10.06	0.00	923.70	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.2	16	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0492	ND<0.20 b	2100	0.12/0.28	-67/-23	
1/14/2009	10.87	0.00	922.89	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.0	11	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0334	ND<0.20 b	2200	0.33/0.12	-42/-21	
4/14/2009	10.34	0.00	923.42	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0143	ND<0.20 b	2800	0.56/0.48	-60/55	
W-14	Top of casing elevation (ft): unknown																			
1/26/2004	11.85	0.00	ND<1000	840	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4400	95	ND<2.0	ND<2.0	3.4	ND<100						
1/30/2004	12.18	0.00	ND<1000	935.12																
4/23/2004																				
7/21/2004																				
10/14/2004	14.19	0.00	920.93	ND<500	ND<13	ND<25	ND<25	ND<25	2500	360	ND<50	ND<50	ND<50	ND<2500						
1/11/2005	3.35	0.00	931.77	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<1.0	16	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	4.51	0.00	930.61	ND<500	1.4	ND<1.0	ND<1.0	ND<1.0	560	280	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	5.29	0.00	929.83	3400	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4600	460	ND<2.0	ND<2.0	3.5	ND<100						
10/24/2005	5.89	0.00	929.23	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1400	620	ND<2.0	ND<2.0	ND<2.0	ND<1000						
1/10/2006	5.73	0.00	929.39	ND<470	130	ND<0.50	ND<0.50	ND<0.50	130	570	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/5/2006	6.10	0.00	929.02	ND<480	68	ND<0.50	ND<0.50	ND<0.50	49	220	ND<1.0	ND<1.0	ND<1.0	ND<150						
7/24/2006	7.99	0.00	927.13	ND<470	78	ND<0.50	ND<0.50	ND<0.50	49	520	ND<1.0	ND<1.0	ND<1.0	ND<150	0.15	ND<0.30 RL-1	60	0.48/1.02	-12/-25	
10/11/2006	8.63	0.00	926.49	ND<470	59	ND<0.50	ND<0.50	ND<0.50	36	580	ND<1.0	ND<1.0	ND<1.0	ND<150	0.10	ND<0.50 RL-1	1500	0.80/0.15	19/22	
1/31/2007	10.62	0.00	924.50	ND<470	52	ND<0.50	ND<0.50	ND<0.50	36	520	ND<1.0	ND<1.0	ND<1.0	ND<150	0.10	ND<0.50	1900	0.29/0.22	-80/-114	
4/4/2007	11.31	0.00	923.81	ND<500	50	ND<0.50	ND<0.50	ND<0.50	60	520	ND<1.0	ND<1.0	ND<1.0	ND<150	0.10	ND<0.11	1900	0.41/0.24	129/-37	
7/12/2007	12.19	0.00	923.93	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	18	300	ND<1.0	ND<1.0	ND<1.0	ND<150	0.10	ND<0.11	2100	0.31/0.20	12/47	
10/11/2007	12.10	0.00	923.02	ND<470	54	ND<0.50	ND<0.50	ND<0.50	8.1	800	1.5	ND<1.0	ND<1.0	ND<150	3.0	ND<0.55 RL-1	3100	0.39/0.31	36/52	
1/16/2008	12.00	0.00	923.12	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	4.4	120	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0996	ND<0.10	1500	0.32/0.55	-24/16	
4/5/2008	8.24	0.00	926.88	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<0.50	3.4	42	ND<2.0	ND<2.0	ND<2.0	ND<100	0.010	ND<0.10	1600	0.56/1.65	13/46	
7/18/2008	9.71	0.00	925.41	ND<500	61 a	ND<1.0	ND<1.0	ND<1.0	10	85	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0361	ND<0.10	1300	0.20/1.45	198/112	
10/8/2008	11.55	0.00	923.57	ND<500	57 a	ND<1.0	ND<1.0	ND<1.0	12	160	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0218	ND<0.10	2100	1.54/0.65	27/64	
1/14/2009	12.11	0.00	923.01	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	5.4	320	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00158	ND<0.10	1900	0.56/0.33	-37/64	
4/14/2009	11.70	0.00	923.42	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	3.1	72	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00737	ND<0.10	1200	0.62/0.53	16/44	

**TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
5226 Palo Comato Canyon Road, Agoura Hills, California**

DATE	DEPTH TO GW THICKN. (feet)	SPH (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL- BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	METHANE (ug/L)	Fe2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS	
																						W-15
1/26/2004	11.33	0.00	ND<1000	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/30/2004	15.38	0.00	ND<1000	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/23/2004	7.80	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								Unable to locate
7/21/2004	10.65	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.1	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/14/2004	0.00	930.98	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/19/2005	7.89	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/26/2005	7.56	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/24/2005	8.20	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/10/2006	8.20	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.5	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2006	6.85	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/24/2006	9.71	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/11/2006	9.95	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/31/2007	11.73	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.1	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/4/2007	10.34	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.2	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/11/2007	10.42	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/11/2007	10.38	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/16/2008	9.07	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.3	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2008	9.62	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/18/2008	9.84	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/8/2008	10.88	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/14/2009	10.30	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.8	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/14/2009	10.15	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/16/2004	7.45	0.00	ND<1000	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.5	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/30/2004	23.93	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/23/2004	9.14	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/21/2004	8.85	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/14/2004	7.77	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/11/2005	5.89	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/19/2005	5.43	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/26/2005	6.57	0.00	950	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/24/2005	6.65	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/10/2006	8.22	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/5/2006	8.15	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/24/2006	7.61	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/11/2006	9.03	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/31/2007	10.62	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/4/2007	10.40	0.00	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/12/2007	12.14	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/11/2007	12.05	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/16/2008	8.88	0.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/9/2008	6.76	0.00	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/18/2008	9.24	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/8/2008	10.23	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/14/2009	11.31	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/14/2009	9.27	0.00	ND<500	ND<50 a	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
 5226 Palo Comado Canyon Road, Agoura Hills, California

DATE	DEPTH TO GW THICKN. (ft)	SPH (ft)	GW ELEV. (ft)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	Fe2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
W-17	Top of casing elevation (ft): unknown																			
1/26/2004	18.21	0.00		160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	210	220	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/30/2004	19.48	0.00		160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	210	220	ND<2.0	ND<2.0	ND<2.0	ND<100						
	Top of casing elevation (ft): 931.87																			
4/23/2004	18.60	0.00	913.27	160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	210	220	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004	18.92	0.00	912.95	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	240	38	ND<4.0	ND<4.0	ND<4.0	ND<100						
10/14/2004	18.95	0.00	912.92	190	ND<1.0	ND<1.0	ND<1.0	ND<1.0	170	70	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	16.94	0.00	914.93	84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	430	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	11.79	0.00	920.08	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	210	420	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	14.55	0.00	917.32	990	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	520	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005	14.89	0.00	916.98	200	ND<0.50	ND<0.50	ND<0.50	ND<0.50	85	400	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/10/2006	15.40	0.00	916.47	130	ND<0.50	ND<0.50	ND<0.50	ND<0.50	45	900	ND<2.0	ND<2.0	ND<2.0	ND<150						
4/5/2006	15.32	0.00	916.55	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	40	1300	ND<2.0	ND<2.0	ND<2.0	ND<3000						
7/24/2006	15.68	0.00	916.19	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	33	1200	ND<2.0	ND<2.0	ND<2.0	ND<300						
10/11/2006	15.53	0.00	916.34	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	130	ND<1.0	ND<1.0	ND<1.0	ND<150						
1/31/2007	16.55	0.00	915.32	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	500	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/4/2007	16.84	0.00	915.03	68	ND<2.0	ND<2.0	ND<2.0	ND<2.0	11	1300	ND<4.0	ND<4.0	ND<4.0	ND<600						
7/12/2007	17.08	0.00	914.79	ND<470	63	ND<0.50	ND<0.50	ND<0.50	14	1500	ND<1.0	ND<1.0	ND<1.0	ND<150						
10/11/2007	16.98	0.00	914.89	ND<470	ND<500	ND<500	ND<500	ND<500	12	6300	ND<1.0	ND<1.0	ND<1.0	ND<1500						
1/16/2008	17.48	0.00	914.39	ND<480	ND<50	ND<50	ND<50	ND<50	14	6200	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/3/2008	16.16	0.00	915.71	ND<50	120 a	ND<1.0	ND<1.0	ND<1.0	16	1400	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/18/2008	16.16	0.00	915.71	ND<500	190 a	ND<1.0	ND<1.0	ND<1.0	11	1600	ND<4.0	ND<4.0	ND<4.0	ND<200						
10/8/2008	16.43	0.00	915.44	ND<500	150 a	ND<0.50	ND<0.50	ND<0.50	11	730	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/14/2009	16.83	0.00	915.04	ND<500	58 a	ND<0.50	ND<0.50	ND<0.50	9.4	730	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/14/2009	16.43	0.00	915.44	ND<500	88 a	ND<0.50	ND<0.50	ND<0.50	8.1	780	ND<2.0	ND<2.0	ND<2.0	ND<100						
W-18	Top of casing elevation (ft): unknown																			
1/26/2004	25.65	0.00		ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/30/2004	27.70	0.00		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
	Top of casing elevation (ft): 932.84																			
4/23/2004	28.44	0.00	904.40	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004	28.77	0.00	904.07	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/14/2004	28.70	0.00	904.14	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	9.03	0.00	923.81	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	12.57	0.00	920.27	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	22.55	0.00	910.29	2000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005	23.85	0.00	908.99	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/10/2006	25.30	0.00	907.54	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/5/2006	26.20	0.00	906.64	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
7/24/2006	25.21	0.00	907.63	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
10/11/2006	26.74	0.00	906.10	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
1/31/2007	27.63	0.00	905.21	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
4/4/2007	27.94	0.00	904.90	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
7/12/2007	27.90	0.00	904.94	ND<470	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
1/16/2008	28.17	0.00	904.67	ND<480	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<150						
4/3/2008	15.26	0.00	915.26	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/18/2008	25.21	0.00	907.63	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/8/2008	26.25	0.00	906.59	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/14/2009	26.73	0.00	906.11	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/14/2009	27.55	0.00	905.29	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100						

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
5226 Palo Comado Canyon Road, Agoura Hills, California

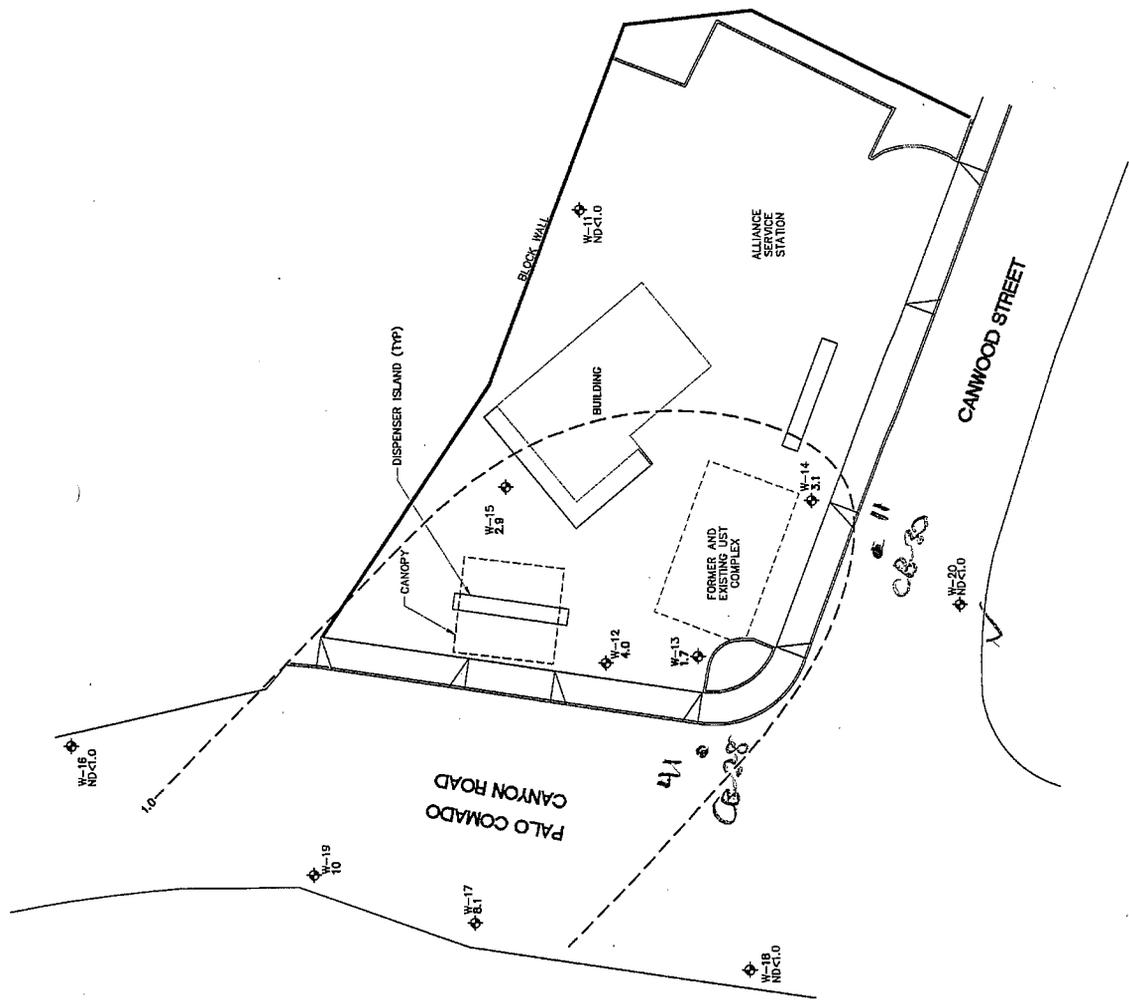
DATE	DEPTH TO GW THICKN. (ft)	SPH ELEV. (ft)	GW ELEV. (ft)	TPH-D (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	METHANE (ug/L)	Fe ²⁺ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS	
																						TO GW THICKN. (ft)
W-19	Top of casing elevation (ft): unknown																					
1/26/2004	14.28	0.00		ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	32	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/30/2004	16.87	0.00		ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
	Top of casing elevation (ft): 930.43																					
4/23/2004	11.90	0.00	918.53	ND<500	54*	ND<1.0	ND<1.0	ND<1.0	85	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/21/2004	14.04	0.00	916.39	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	57	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/14/2004	15.25	0.00	915.18	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	40	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/11/2005	7.72	0.00	922.71	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	69	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/19/2005	9.25	0.00	921.18	ND<500	90*	ND<1.0	ND<1.0	ND<1.0	92	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/26/2005	10.92	0.00	919.51	1500	ND<50	ND<1.0	ND<1.0	ND<1.0	140	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/24/2005	11.34	0.00	919.09	ND<500	77*	ND<1.0	ND<1.0	ND<1.0	130	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/10/2006	11.07	0.00	919.36	ND<470	73	ND<0.50	ND<0.50	ND<1.0	68	110	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2006	9.21	0.00	921.22	ND<480	62	ND<0.50	ND<0.50	ND<1.0	88	290	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/24/2006	11.70	0.00	918.73	ND<470	90	ND<0.50	ND<0.50	ND<1.0	42	520	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/11/2006	12.43	0.00	918.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	34	270	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/31/2007	13.26	0.00	917.17	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	32	370	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/4/2007	12.40	0.00	918.03	ND<500	ND<50	ND<0.50	ND<0.50	ND<1.0	22	220	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/12/2007	13.12	0.00	917.31	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	22	160	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/11/2007	12.83	0.00	918.25	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	19	63	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/16/2008	12.18	0.00	919.73	ND<500	ND<50	ND<0.50	ND<0.50	ND<1.0	12	28	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/3/2008	10.70	0.00	919.73	ND<500	ND<50	ND<1.0	ND<1.0	ND<1.0	11	49	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/18/2008	12.35	0.00	918.08	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	12	28	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/8/2008	13.70	0.00	916.73	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	16	59	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/14/2009	12.18	0.00	918.25	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	11	18	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/14/2009	11.45	0.00	918.98	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	10	17	ND<2.0	ND<2.0	ND<2.0	ND<100								
W-20	Top of casing elevation (ft): unknown																					
12/21/2005	22.15	0.00																				
1/10/2006	22.60	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2006	22.23	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/24/2006	22.54	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
	Top of casing elevation (ft): 933.69																					
10/11/2006	23.25	0.00	910.44	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/31/2007	27.25	0.00	906.44	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/4/2007	23.84	0.00	909.85	ND<500	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/12/2007	24.90	0.00	908.79	ND<470	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/11/2007	24.55	0.00	909.14	ND<480	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/16/2008	23.47	0.00	910.22	ND<490	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/3/2008	18.55	0.00	915.14	ND<50	ND<50 a	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/18/2008	22.74	0.00	910.95	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
10/8/2008	23.94	0.00	909.75	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
1/14/2009	24.10	0.00	909.59	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/14/2009	24.13	0.00	909.59	ND<500	ND<50 a	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								

TABLE 3 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS 5226 Palo Comado Canyon Road, Agoura Hills, California																					
DATE	DEPTH (feet)	SPH TO GW THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL- BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL METHANE (ug/L)	Fe2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
Notes:																					
GW = groundwater																					
SPH = separate-phase hydrocarbons																					
MSL = mean sea level																					
ND = not detected																					
ug/L = parts per billion																					
TPH-D = total petroleum hydrocarbons as diesel analyzed using the California DHS LUFT Method																					
TPH-G = total petroleum hydrocarbons as gasoline analyzed using the California DHS LUFT Method																					
Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B																					
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B																					
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B																					
DIPE = diisopropyl ether analyzed using EPA Method 8260B																					
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B																					
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B																					
Fe 2+ = Iron																					
DO = dissolved oxygen																					
ORP = Oxidation-Reduction Potential																					
* - hydrocarbon does not match pattern of laboratory's standard																					
RL-1 = reporting limit raised due to sample matrix effect.																					
a - total purgeable petroleum hydrocarbons using 8260B																					
b - The reporting limit is elevated resulting from matrix interference.																					
Ethanol analyzed using EPA Method 8015B prior to 3Q04.																					
Wells W-11 through W-15 and W-17 through W-19 surveyed on February 23, 2004 by Azimuth Group of Ventura, CA.																					
Wells W-16 and W-20 surveyed on July 24, 2006 by DULIN and BOYNTON, CA.																					



LEGEND

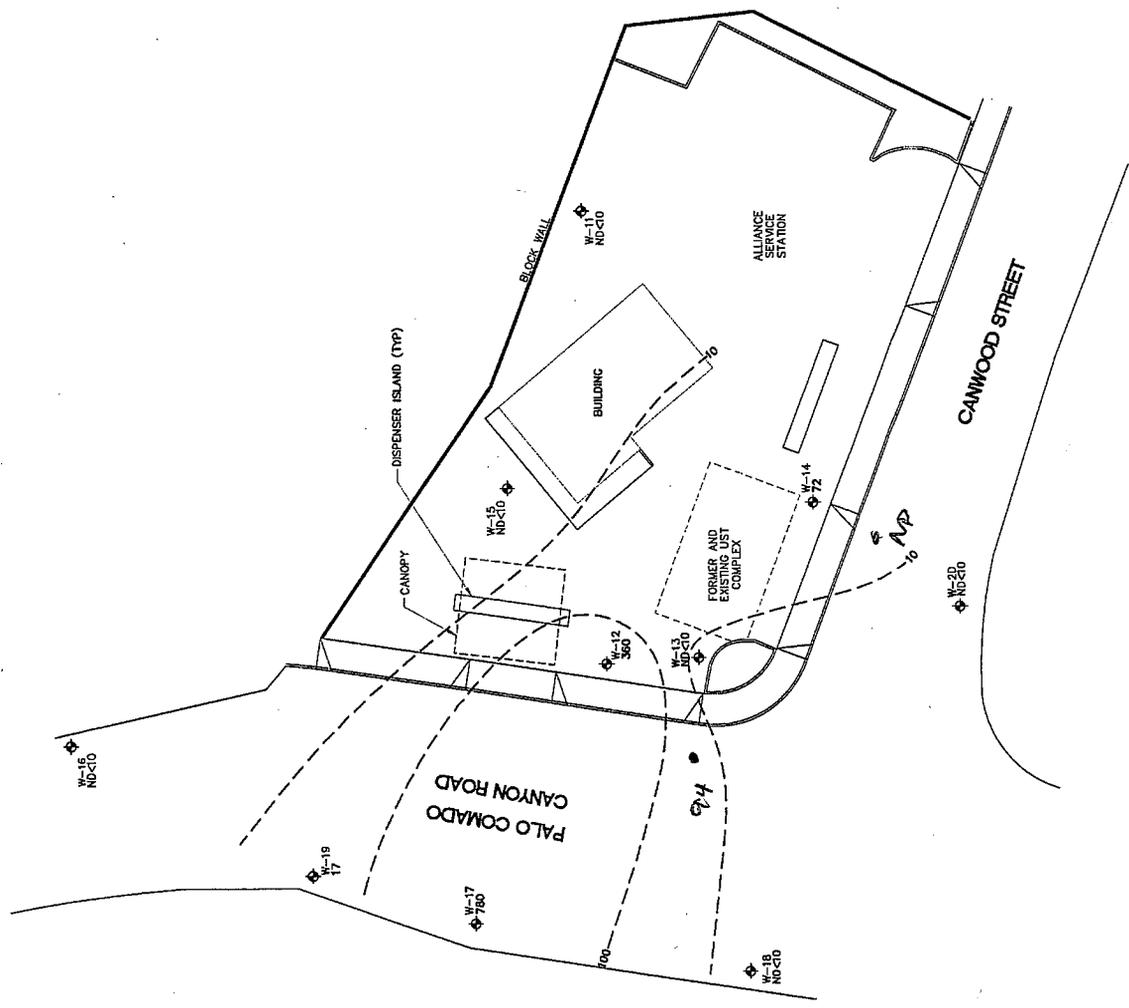
- ◆ MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 4.0 MTBE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
- 0.1 --- LINE OF EQUAL MTBE CONCENTRATION
- MTBE METHYL TERT-BUTYL ETHER MICROGRAMS PER LITER
- ND< NOT DETECTED ABOVE LIMIT NOTED





LEGEND

- W-1 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 360 TBA CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
- 100 --- LINE OF EQUAL TBA CONCENTRATION
- TBA TERTIARY BUTYL ALCOHOL
- µg/L MICROGRAMS PER LITER
- ND<< NOT DETECTED ABOVE LIMIT NOTED



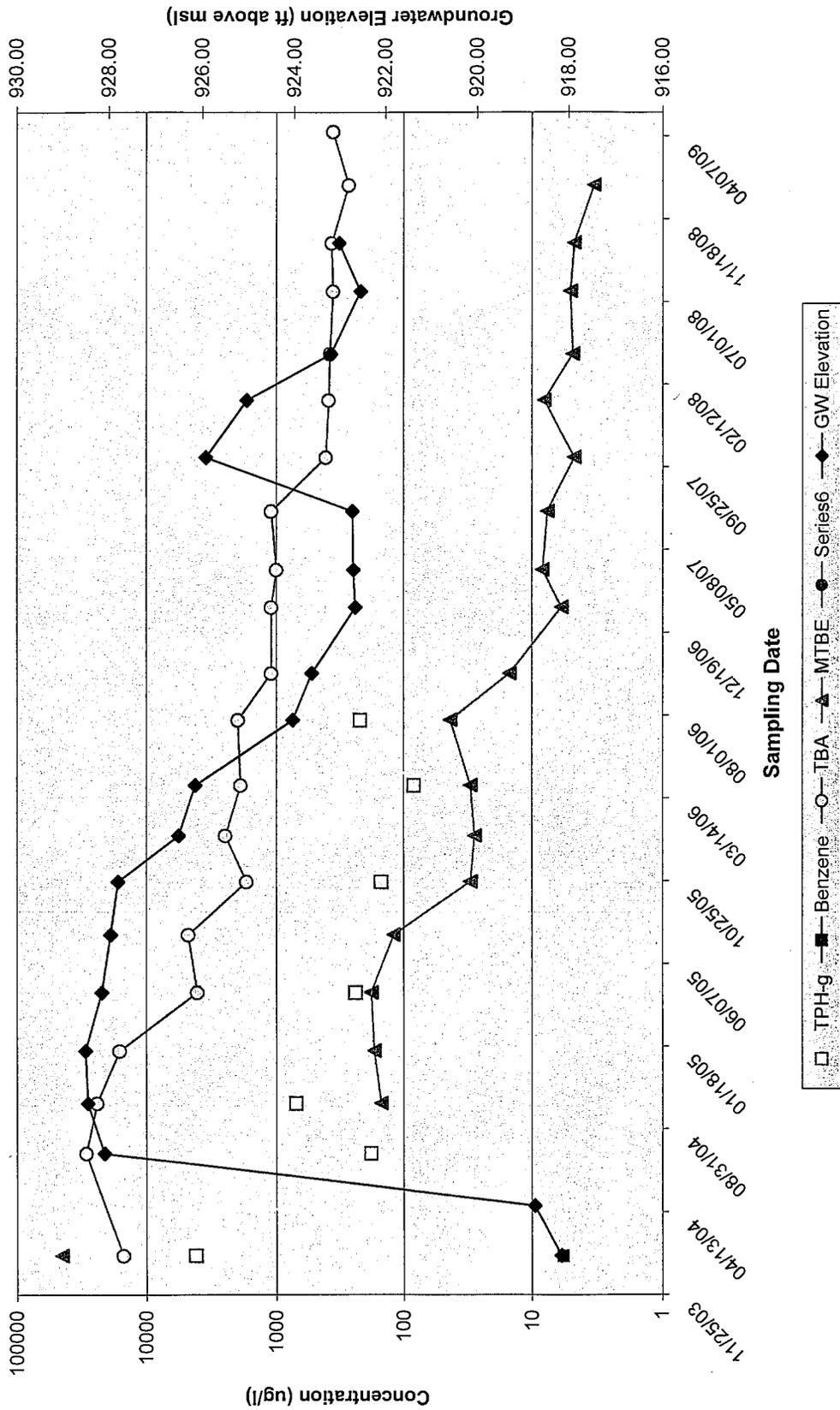
DELTA CONSULTANTS
SHELL OIL PRODUCTS, US. FORMER SHELL SERVICE STATION AGOURA HILLS, CALIFORNIA
FIGURE 5
TBA ISOCENTRATION MAP 04/14/2009
5226 PALO COMADO CANYON ROAD AGOURA HILLS, CALIFORNIA

PROJECT NUMBER	SCA5226P1A
APPROVED BY	
CHECKED BY	
DRAWN BY	
ICD	05/20/2009

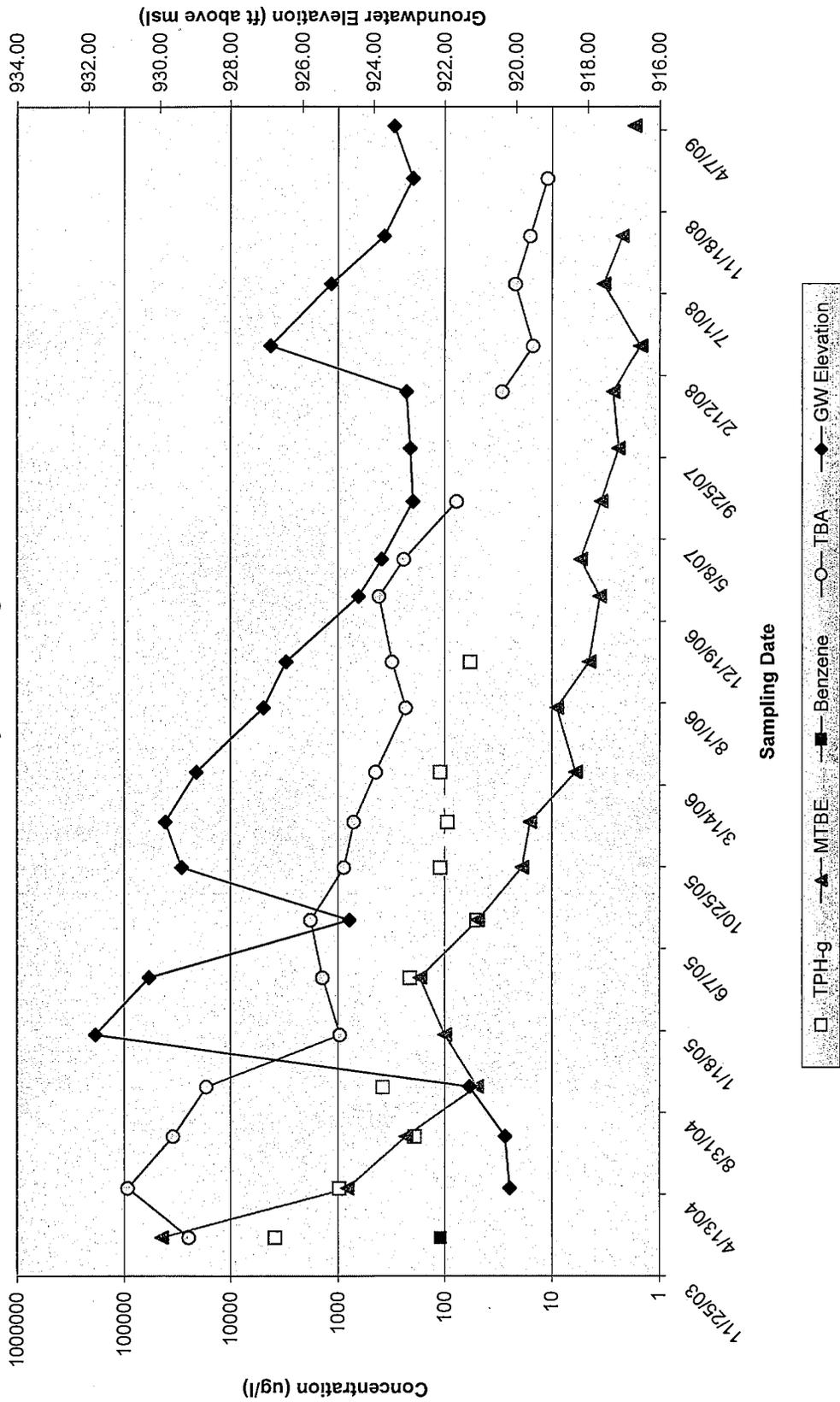


FILENAME: SCA5226P1A_0902.DWG\FIG5_TBA

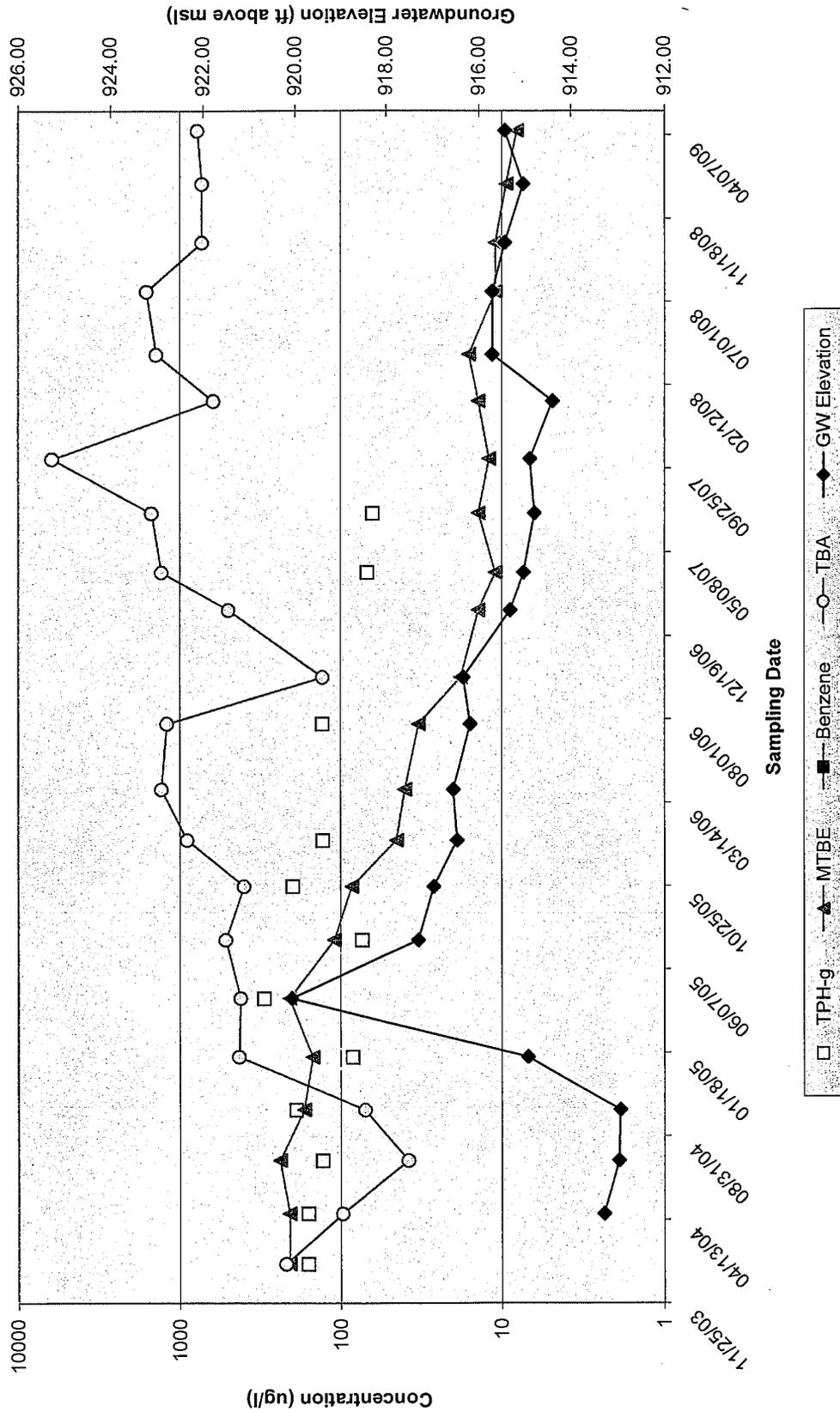
Graph 1
 Groundwater Elevations & TPH-g/Benzene/MTBE/TBA
 Concentrations vs. Time (Well W-12)
 5226 Palo Comado Canyon Road, Agoura Hills, California



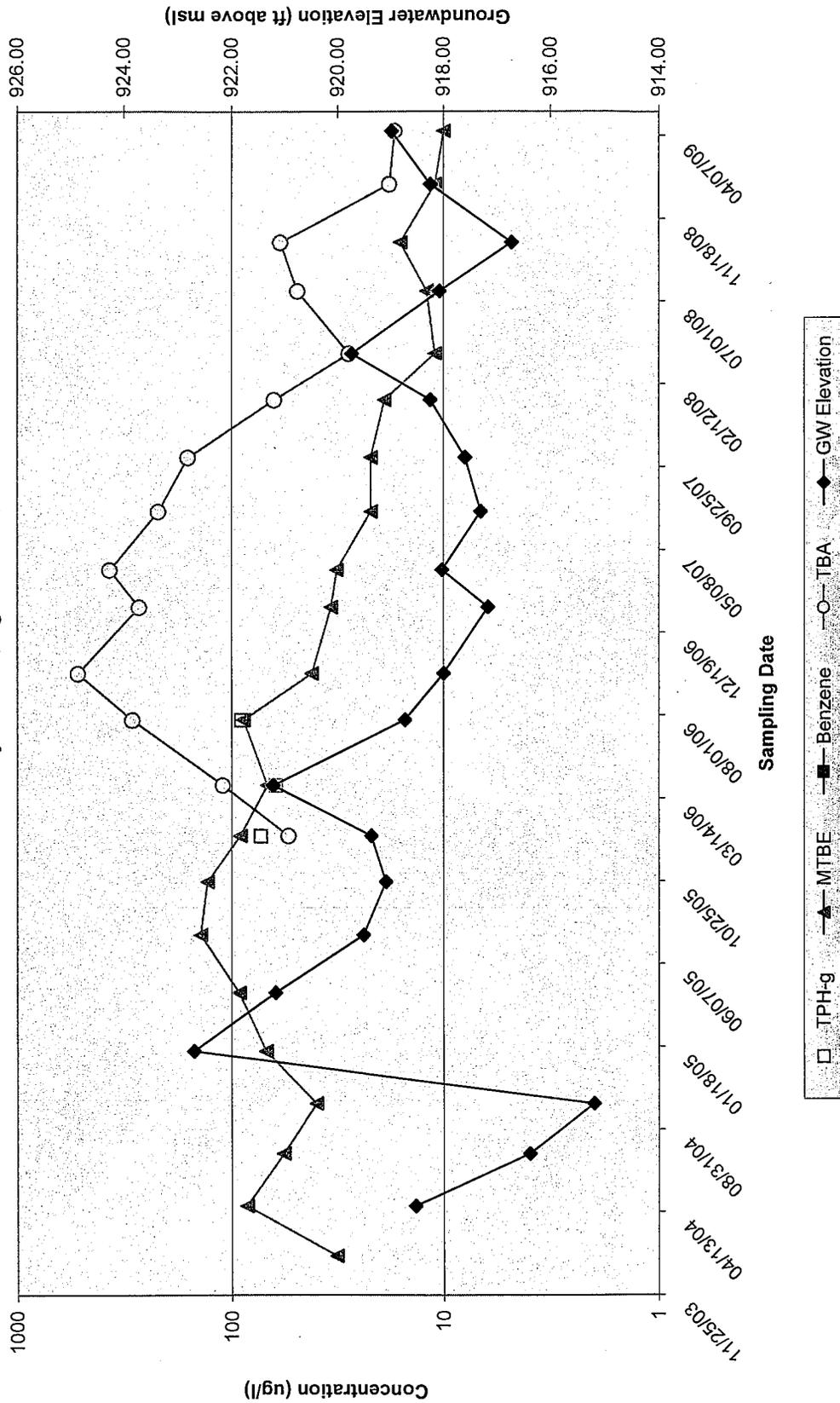
Graph 2
 Groundwater Elevations & TPH-g/Benzene/MTBE/TBA
 Concentrations vs. Time (Well W-13)
 5226 Palo Comado Canyon Road, Agoura Hills, California



Graph 3
 Groundwater Elevations & TPH-g/Benzene/MTBE/TBA
 Concentrations vs. Time (Well W-17)
 5226 Palo Comado Canyon Road, Agoura Hills, California



Graph 4
 Groundwater Elevations & TPH-g/Benzene/MTBE/TBA
 Concentrations vs. Time (Well W-19)
 5226 Palo Comado Canyon Road, Agoura Hills, California



Other Data

Soil Master (c)

TPS Technologies, Inc.

Customer Job Report

Gross & Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number Name	SiteAddress	SiteCity	State	ZipCode
A07 - 22215 TEXACO #611-0600-0021	RIPR#32398 SAP#121366 INCDNT#7075 AGOURA		CA	91301

Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
27	03/04/04 08:59	7000193	127 -- 02	77,420M	33,160M	44,260	22.13
28	03/04/04 09:01	7000193	1 -- 01	83,180M	33,120M	50,060	25.03
30	03/04/04 09:25	7000193	5 -- G2	80,120M	32,000M	48,120	24.06
29	03/04/04 09:29	7000193	90 -- 85A	77,860M	31,440M	46,420	23.21
31	03/04/04 10:20	7000193	129 -- 22	78,400M	32,260M	46,140	23.07
32	03/04/04 10:29	7000193	11 -- 4	83,080M	29,020M	54,060	27.03
33	03/04/04 10:34	7000193	01 -- 1	81,600M	33,340M	48,260	24.13
35	03/04/04 11:02	7000193	94 -- 99	79,700M	32,400M	47,300	23.65
34	03/04/04 11:05	7000193	06 -- 06	78,880M	30,260M	48,620	24.31
39	03/04/04 14:01	7000193	5 -- G2	74,450M	31,180M	43,280	21.64
40	03/04/04 14:27	7000193	90 -- 85A	74,720M	31,100M	43,620	21.81
37	03/04/04 14:49	7000193	127 -- 02	79,560M	32,520M	47,040	23.52
38	03/04/04 14:59	7000193	1 -- 01	76,600M	32,600M	44,000	22.00
41	03/04/04 15:59	7000193	129 -- 22	79,420M	32,040M	47,380	23.69
42	03/04/04 16:10	7000193	11 -- 4	84,800M	29,020M	55,780	27.89
36	03/04/04 17:14	7000193	T3 -- 50A	83,200M	29,020M	54,180	27.09
43	03/09/04 11:02	7000193	127 -- 02	80,520M	32,240M	48,280	24.14
44	03/09/04 13:50	7000193	127 -- 02	46,080M	32,420M	13,660	6.83

Completed Loads	Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:
97.80%	44	116.30%	900.00(tons)	415.23 (tons)

Soil excavation & disposal documentation

TPS Technologies Soil Recycling

Non-Hazardous Soils

Date of Shipment: 03-04-04	Responsible for Payment: Transporter	Transporter Truck #: 127-02	Facility #: A07	Given by TPS: 22215	Load #: 027
--------------------------------------	--	---------------------------------------	---------------------------	-------------------------------	-----------------------

Generator's Name and Billing Address: SHELL OIL PRODUCTS US PO BOX 7869 ATTN: GEORGINA DAVILA BURBANK, CA 91510 USA	Generator's Phone #:	Generator's US EPA ID No.:
	Person to Contact:	
	FAX#:	Customer Account Number with TPS: 7SHELGD

Consultant's Name and Billing Address: DELTA ENV. CONSULTANTS, INC. 27141 ALISO CREEK RD., STE. 270 ALISO VIEJO, CA 92656 USA	Consultant's Phone #: (714) 362-3077	
	Person to Contact: STEVE WALTERS	
	FAX#: (714) 362-0290	Customer Account Number with TPS: 7DELTAE

Generation Site (Transport from): (Name & address) TEXACO #611-0600-0021 RIPR#32398 SAP#121366 INCNT#707542 5226 PALO CAMADO RD AGOURA, CA 91301 USA	Site Phone #:	BTX Levels:
	Person to Contact: GEORGINA DAVILA	TPH Levels:
	FAX#:	AVG. Levels:

Designated Facility (Transport to): (Name & address) TPS TECHNOLOGIES 12328 HIRISCUS ADELANTO, CA 92301 USA	Facility Phone #: (800) 862-8001	Facility Permit Numbers:
	Person to Contact: DELLENA JEFFREY	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address: B. E. S. I. 25422 TRABUCO RD. #105-269 EL TORO, CA 92630 USA	Transporter's Phone #: (949) 460-5200	Transporter's US EPA ID No. #: CAD983584681
	Person to Contact: LARRY MOOTHART	Transporter's DOT No. #: 450647
	FAX#: (949) 460-5210	Customer Account Number with TPS: 7000193

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			77420	33160	44260
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					2213
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above: **104190**

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month Day Year
---------------------	--	---------------------	----------------

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month Day Year
---------------------	---------------------	----------------

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	Signature and date:
Print or Type Name: D. JEFFREY/J. PROVANSAL	03/04/04

Table 1
Well and Boring Data

5226 Palo Comado Canyon Road, Agoura Hills, California

Name	Type	Date Installed	Approx. Surf. Elev. (ft. AMSL)	Total Depth (ft)	Incr. (ft)	Soil Sample Depth (ft)	Depth (ft)	First GW Elev. (ft. AMSL)	Screen Diameter (in.)	Screen Depth (ft)	Top	Bottom	Comments
C-1	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-2	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-3	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-4	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-5	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	-	Drilled by TES
C-6	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	-	Drilled by TES
C-7	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	-	Drilled by TES
C-8	boring (auger)	04/30/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-9	boring (auger)	04/30/91	unknown	21.5	5	5-20	-	-	-	-	-	-	Drilled by TES
C-10	boring (auger)	04/30/91	unknown	30.5	5	5-30	-	-	-	-	-	-	Drilled by TES
W-11	GW Monitor Well	unknown	936.26	unknown	unknown	unknown	16.1	920.21	unknown	unknown	unknown	unknown	unknown
W-12	GW Monitor Well	07/24/92	933.26	35	5	5-35	14.4	918.87	4	5	5	35	Installed by TES
W-13	GW Monitor Well	07/23/92	933.76	35	5	5-35	10.5	923.24	4	5	5	35	Installed by TES
W-14	GW Monitor Well	07/23/92	935.12	45	5	5-45	12.2	922.94	4	10	45	45	Installed by TES
W-15	GW Monitor Well	05/19/93	934.4	31	-	5, 8, 30	15.4	919.02	4	5	5	30	Installed by ENV
W-16	GW Monitor Well	05/19/93	unknown	34	-	5	23.93	unknown	4	5	5	30	Installed by ENV
W-17	GW Monitor Well	05/19/93	931.87	31	-	5, 8, 30	19.48	912.39	4	5	5	30	Installed by ENV
W-18	GW Monitor Well	03/17/94	932.84	30.5	5	5-30	27.70	905.14	4	5	5	30	Installed by ENV
W-19	GW Monitor Well	03/17/94	930.43	30.5	5	5-30	16.87	913.56	4	5	5	30	Installed by ENV
W-20	GW Monitor Well	11/16/05	933.69	31	continuous	10-30	23.50	TBD	4	6	31	31	Installed by DEC
CB-21	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	-	Drilled by DELTA
CB-22	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	-	Drilled by DELTA
CB-25	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	-	Drilled by DELTA
CB-26	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	-	Drilled by DELTA
CB-27	boring (auger)	03/13/09	unknown	25	5	5-25	-	-	-	-	-	-	Drilled by DELTA
CB-28	boring (auger)	03/13/09	unknown	25	5	8, 10-25	~20	-	-	-	-	-	Drilled by DELTA
CB-29	boring (auger)	03/12/09	unknown	20	5	5-20	-	-	-	-	-	-	Drilled by DELTA
CB-30	boring (auger)	03/12/09	unknown	20	5	5-20	~20	-	-	-	-	-	Drilled by DELTA

Notes:

- AMSL = Above mean sea level
- = Not applicable
- N/A = Data not available
- DEC = Delta Environmental Consultants, Inc.
- TES = Texaco Environmental Services
- ENV = ENV America, Inc.



BORING LOG

Client Shell Oil Products US
 Project Number SCA5226P1

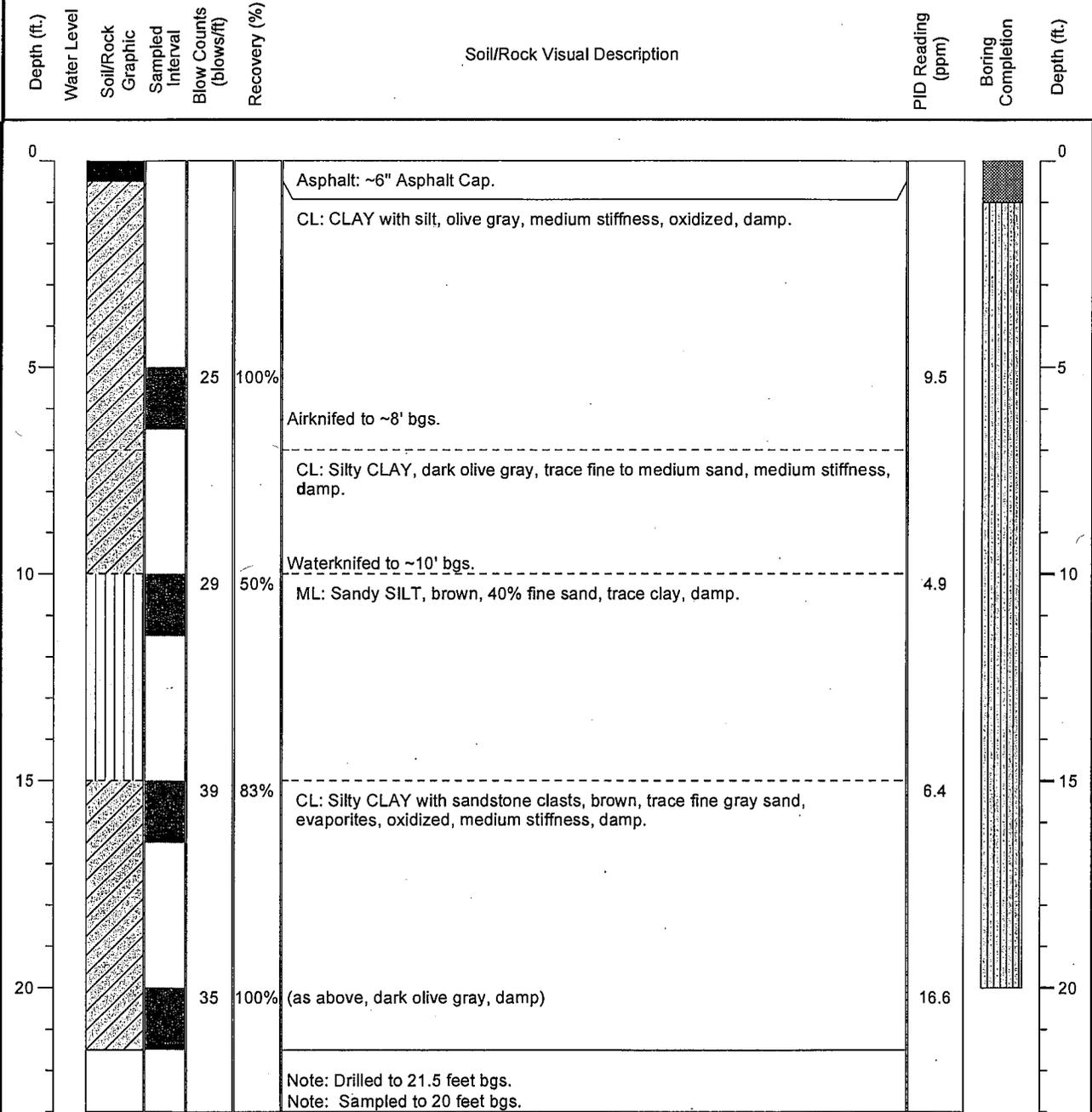
Boring No.
 CB-29

Address:
 5226 Palo Camado Cyn. Rd.
 Agoura Hills, CA
 Logged By: Patricia Dean

Drilling Date(s): 03/12/09
 Drilling Company: BC2
 Drilling Method: HSA/CME 75
 Boring Depth (ft): 20'

Boring diameter (in.): 8"
 Sampling Method: Cal Mod SS
 Well Depth (ft.): NA
 Casing Diameter (in.): NA

Casing Material: NA
 Screen Interval: NA
 Screen slot size: NA
 Sand Pack: NA



January 8, 2010
DELTA Project No. SCA5226P1A
SAP No. 121366

Dr. Yue Rong
State of California
Regional Water Quality Control Board - Los Angeles Region
320 West 4th Street
Los Angeles, CA 90013

**Re: FOURTH QUARTER 2009
GROUNDWATER MONITORING REPORT
Former Shell Service Station/Active Alliance Station
5226 Palo Comado Canyon Road
Agoura Hills, California 91301
EAOP Site No. I-05924A**



Dear Dr. Rong:

On behalf of Equilon Enterprises LLC dba Shell Oil Products (SHELL), Delta Consultants (DELTA) has prepared this *Fourth Quarter 2009 Groundwater Monitoring Report* for the above-referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. (BTS) under contract to SHELL, and included the collection and analyses of groundwater samples and the collection of static water level measurements. DELTA did not provide any oversight of BTS's work or protocol. A DELTA staff member, under the supervision of a California Registered Civil Engineer or a California Professional Geologist, performed evaluation of the data provided to us by BTS. This report is also being distributed to the current property owner, Mr. Ben Hazany.

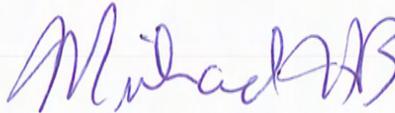
This quarterly report represents DELTA's professional opinions based upon the currently available information and is arrived in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between DELTA and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of DELTA's Client and anyone else specifically listed on this report. DELTA will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, DELTA makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this site, please contact Ms. Katherine Winsor (DELTA Project Manager) at (626) 873-2719 or Ms. Monica Ortega (DELTA) at (626) 873-2728. The SHELL Project Manager is Ms. Deborah Pryor; Ms. Pryor may be reached at (323) 291-9595.

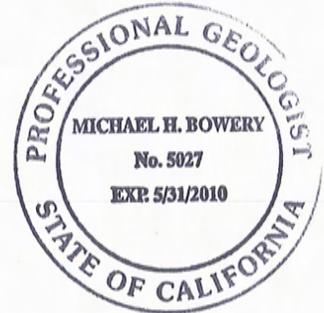
Sincerely,
Delta Consultants



Katherine Winsor
Senior Scientist



Michael H. Bowery, P.G. 5027
Senior Specialist/Geology



Attachment: Fourth Quarter 2009 Groundwater Monitoring Report

cc: Ms. Deborah Pryor, Shell Oil Products US
Mr. Manny Regalado, Los Angeles County Department of Public Works
Mr. Ben Hazany, Property Owner
Ms. Monica Ortega, DELTA.

January 8, 2010

SHELL QUARTERLY GROUNDWATER MONITORING REPORT

Station Address:	5226 Palo Comado Canyon Road, Agoura Hills, California
DELTA Project No.:	SCA5226P1A
SHELL Project Manager/Phone No.:	Deborah Pryor / (323) 291-9595
DELTA Project Manager/Phone No.:	Katherine Winsor / (626) 873-2719
Primary Agency/Regulatory ID No.:	LARWQCB / Dr. Yue Rong EAOP Site No.I-05924A
Other Agencies to Receive Copies:	LACDPW / Manny Regalado

WORK PERFORMED THIS QUARTER:

1. Conducted quarterly groundwater monitoring and sampling.
2. Submitted quarterly groundwater monitoring report.
3. Provided documentation requested by Dave Bjostad of the LARWQCB to complete the LARWQCB's case closure review. Provided copies of historic soil disposal manifests, fee title holder documentation, site vicinity and land use maps, documentation pertaining to the tank contents, and geologic cross-sections.
4. Received pre-closure notification letter from the LARWQCB dated December 28, 2009 (Appendix A).

WORK PROPOSED FOR NEXT QUARTER:

1. Pending receipt of final closure approval from LARWQCB, conduct site closure activities including obtaining necessary well abandonment and encroachment permits, and abandoning all groundwater monitoring wells.
2. Submit well abandonment report.

Current Phase of Project:	Pre-closure activities
Site Use:	Active Alliance Service Station
Site and Surrounding Description:	Commercial / Residential
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date:	NA
SPH Recovered this Quarter:	None
Groundwater Removed This Quarter:	278 gallons were recovered via purging during the sampling event conducted on October 9, 2009.
Groundwater Removed to Date:	NA
Receptors in Site Vicinity:	Nearest office-verified well is State Well No. 01N19W14K004S approximately 6.5 miles west of the site.

SHELL QUARTERLY GROUNDWATER MONITORING REPORT (CONT.)

General Site Lithology:	Bedrock observed at the site during the previous UST removal activities consisting primarily of thin to medium and fair to well bedded, jointed siltstone with sandstone. As observed in borehole samples and nearby road cuts, bedding dips moderately to the northeast and orthogonal joint fractures generally dip steeply.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	8.57 to 28.14 feet below top of casing.
Groundwater Gradient:	Southwest @ approximately 0.12 ft/ft.
Current Agency Correspondence:	LARWQCB letter dated December 28, 2009 (Appendix A).
Date of Most Recent Work Plan:	NA – Expedited Agency Oversight Program (EAOP) – self directed.
Site History:	
Case Opening	Site file was reopened in 2004 following UST removal.
On-Site Assessment	2004
Off-Site Assessment	2005
Passive Remediation	2006, 2007
Active Remediation	None
Closure	NA
Summary of Unusual Activity:	All wells were dewatered during purging activities except wells W-11 and W-14.

Discussion:

Groundwater conditions observed during the fourth quarter 2009 remained generally consistent with the previous quarters. Total Purgeable Petroleum Hydrocarbons (TPPH) analyzed using 8260B was reported in one groundwater sample (well W-17) at a concentration of 61 micrograms per liter ($\mu\text{g/L}$). MTBE was reported in six samples with concentrations ranging from 1.1 $\mu\text{g/L}$ (W-14) to 13 $\mu\text{g/L}$ (W-19). TBA was reported in four samples with concentrations ranging from 7.6 $\mu\text{g/L}$ (W-14) to 1,200 $\mu\text{g/L}$ (W-17). Concentrations continue to decline in wells W-12 through W-14, and W-19, and have remained essentially stable in wells W-15 and W-17. Concentrations of TPH-d (diesel fuel), BTEX compounds, DIPE, ETBE, TAME, and ethanol were not reported above their respective laboratory reporting limits in any of the samples analyzed with the exception of 1.2 $\mu\text{g/L}$ total xylenes reported in the sample from well W-15.

This report will be the final quarterly monitoring report for the site pending the receipt of the final closure approval from the LARWQCB. Final case closure is expected to be granted during January 2010.

ATTACHMENTS:

Tables:

Table 1 – Well and Boring Data

Table 2 – Current Groundwater Gauging and Analytical Results

Table 3 – Historical Groundwater Gauging and Analytical Results

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map 10/9/2009

Figure 3 – Groundwater Hydrocarbon Distribution Map 10/9/2009

Figure 4 – MTBE Isoconcentration Map 10/9/2009

Figure 5 – TBA Isoconcentration Map 10/9/2009

Graphs:

Graph 1 – Groundwater Elevations & TPH-g/Benzene/MTBE/TBA Concentrations vs. Time (Well W-12)

Graph 2 – Groundwater Elevations & TPH-g/Benzene/MTBE/TBA Concentrations vs. Time (Well W-13)

Graph 3 – Groundwater Elevations & TPH-g/Benzene/MTBE/TBA Concentrations vs. Time (Well W-17)

Graph 4 – Groundwater Elevations & TPH-g/Benzene/MTBE/TBA Concentrations vs. Time (Well W-19)

Appendices:

Appendix A – Agency Communications

Appendix B – Blaine Tech Services, Inc. Field Data Sheets

Appendix C – Blaine Tech Services, Inc. Field Procedures

Appendix D – Waste Disposal Documentation

Appendix E – Certified Analytical Report and Chain-of-Custody Documentation

TABLES

Table 1
Well and Boring Data
5226 Palo Comado Canyon Road, Agoura Hills, California

Name	Type	Date	Approx.	Total	Soil Sample		First GW		Screen	Screen		Comments
		Drilled/ Installed	Surf. Elev. (ft AMSL)	Depth (ft)	Incr. (ft)	Depth (ft)	Depth (ft)	Elev. (ft AMSL)	Diameter (in.)	Top	Bottom	
C-1	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-2	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-3	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-4	boring (auger)	05/01/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-5	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	Drilled by TES
C-6	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	Drilled by TES
C-7	boring (auger)	06/05/91	unknown	21	5	5-20	-	-	-	-	-	Drilled by TES
C-8	boring (auger)	04/30/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-9	boring (auger)	04/30/91	unknown	21.5	5	5-20	-	-	-	-	-	Drilled by TES
C-10	boring (auger)	04/30/91	unknown	30.5	5	5-30	-	-	-	-	-	Drilled by TES
W-11	GW Monitor Well	unknown	936.26	unknown	unknown	unknown	16.1	920.21	unknown	unknown	unknown	unknown
W-12	GW Monitor Well	07/24/92	933.26	35	5	5-35	14.4	918.87	4	5	35	Installed by TES
W-13	GW Monitor Well	07/23/92	933.76	35	5	5-35	10.5	923.24	4	5	35	Installed by TES
W-14	GW Monitor Well	07/23/92	935.12	45	5	5-45	12.2	922.94	4	10	45	Installed by TES
W-15	GW Monitor Well	05/19/93	934.4	31	-	5, 8, 30	15.4	919.02	4	5	30	Installed by ENV
W-16	GW Monitor Well	05/19/93	unknown	34	-	5	23.93	unknown	4	5	30	Installed by ENV
W-17	GW Monitor Well	05/19/93	931.87	31	-	5, 8, 30	19.48	912.39	4	5	30	Installed by ENV
W-18	GW Monitor Well	03/17/94	932.84	30.5	5	5-30	27.70	905.14	4	5	30	Installed by ENV
W-19	GW Monitor Well	03/17/94	930.43	30.5	5	5-30	16.87	913.56	4	5	30	Installed by ENV
W-20	GW Monitor Well	11/16/05	933.69	31	continuous	10-30	23.50	TBD	4	6	31	Installed by DEC
CB-21	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	Drilled by DELTA
CB-22	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	Drilled by DELTA
CB-25	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	Drilled by DELTA
CB-26	boring (auger)	12/11/07	unknown	15	8, 12, 15	-	-	-	-	-	-	Drilled by DELTA
CB-27	boring (auger)	03/13/09	unknown	25	5	5-25	-	-	-	-	-	Drilled by DELTA
CB-28	boring (auger)	03/13/09	unknown	25	5	8, 10-25	~20	-	-	-	-	Drilled by DELTA
CB-29	boring (auger)	03/12/09	unknown	20	5	5-20	-	-	-	-	-	Drilled by DELTA
CB-30	boring (auger)	03/12/09	unknown	20	5	5-20	~20	-	-	-	-	Drilled by DELTA

Notes:

- AMSL = Above mean sea level
- = Not applicable
- N/A = Data not available
- DEC = Delta Environmental Consultants, Inc.
- TES = Texaco Environmental Services
- ENV = ENV America, Inc.

TABLE 2																						
CURRENT GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (mg/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS
W-11 Top of casing elevation (ft): unknown																						
10/9/2009	11.14	0.00	925.12	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-12 Top of casing elevation (ft): unknown																						
10/9/2009	11.84	0.00	921.42	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.5	720	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-13 Top of casing elevation (ft): unknown																						
10/9/2009	12.08	0.00	921.68	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-14 Top of casing elevation (ft): unknown																						
10/9/2009	13.31	0.00	921.81	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.1	7.6	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-15 Top of casing elevation (ft): unknown																						
10/9/2009	10.81	0.00	923.59	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	1.2	3.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-16 Top of casing elevation (ft): unknown																						
10/9/2009	8.57	0.00	922.43	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-17 Top of casing elevation (ft): unknown																						
10/9/2009	17.22	0.00	914.65	ND<500	61 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	6.8	1200	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-18 Top of casing elevation (ft): unknown																						
10/9/2009	27.39	0.00	905.45	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-19 Top of casing elevation (ft): unknown																						
10/9/2009	14.03	0.00	916.40	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	13	13	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-20 Top of casing elevation (ft): unknown																						
10/9/2009	28.14	0.00	905.55	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100							
Notes:																						
GW = groundwater																						
SPH = separate-phase hydrocarbons																						
MSL = mean sea level																						
ND = not detected																						
ug/L = parts per billion																						
TPH-D = total petroleum hydrocarbons as diesel analyzed using the California DHS LUFT Method																						
TPH-G = total petroleum hydrocarbons as gasoline analyzed using the California DHS LUFT Method																						
Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B																						
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B																						
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B																						
DIPE = diisopropyl ether analyzed using EPA Method 8260B																						
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B																						
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B																						
Fe 2+ = Iron																						
DO = dissolved oxygen																						
ORP = Oxidation-Reduction Potential																						
* - hydrocarbon does not match pattern of laboratory's standard																						
RL-1 = reporting limit raised due to sample matrix effect.																						
a - total purgeable petroleum hydrocarbons using 8260B																						
b - The reporting limit is elevated resulting from matrix interference.																						
Ethanol analyzed using EPA Method 8015B prior to 3Q04.																						
Wells W-11 through W-15 and W-17 through W-19 surveyed on February 23, 2004 by Azimuth Group of Ventura, CA.																						
Wells W-16 and W-20 surveyed on July 24, 2006 by DULIN and BOYNTON, CA.																						

TABLE 3																						
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
W-11																						
Top of casing elevation (ft): unknown																						
1/26/2004	10.59	0.00																				
1/30/2004	16.05	0.00		ND<1000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
Top of casing elevation (ft): 936.26																						
4/23/2004	10.30	0.00	925.96	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004	10.67	0.00	925.59	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/14/2004	10.10	0.00	926.16	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	1.31	0.00	934.95	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	9.71	0.00	926.55	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	9.84	0.00	926.42	1600	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005																						Unable to access well
1/10/2006																						Unable to access well
4/5/2006																						Unable to access well
7/24/2006																						Unable to access well
10/11/2006																						Unable to access well
1/31/2007																						Unable to access well
4/4/2007																						Unable to access well
7/12/2007	10.23	0.00	926.03	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	0.28	2200	0.16/0.09	109/98
10/11/2007	10.20	0.00	926.06	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	0.025	ND<0.10	0.29	2300	0.34/0.17	107/86
1/16/2008	10.17	0.00	926.09	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0055	ND<0.10	0.44	2200	0.27/0.16	174/8
4/3/2008	9.85	0.00	926.41	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	2.3	3100	0.35/1.32	79/60	
7/18/2008	9.97	0.00	926.29	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.57	2700	0.26/0.35	155/183	
10/8/2008	10.30	0.00	925.96	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.22	2300	0.73/0.36	38/116	
1/14/2009	10.33	0.00	925.93	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.10	2800	0.51/0.21	159/-3	
4/14/2009	10.46	0.00	925.80	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	1.3 b	2100	0.60/0.61	132/57	
10/9/2009	11.14	0.00	925.12	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-12																						
Top of casing elevation (ft): unknown																						
1/26/2004	11.40	0.00																				
1/30/2004	14.39	0.00		ND<1000	4200	5.7	ND<1.0	ND<1.0	ND<1.0	45000	15000	ND<2.0	ND<2.0	17	ND<100							
Top of casing elevation (ft): 933.26																						
4/23/2004																						Unable to locate
7/21/2004	15.11	0.00	918.15	680	180	ND<100	ND<200	ND<200	ND<200	ND<200	29000	ND<400	ND<400	ND<400	ND<20000							
10/14/2004	14.52	0.00	918.74	ND<500	700 *	ND<25	ND<50	ND<50	ND<50	150	24000	ND<100	ND<100	ND<100	ND<5000							
1/11/2005	5.16	0.00	928.10	ND<500	ND<50	ND<25	ND<50	ND<50	ND<50	170	16000	ND<100	ND<100	ND<100	ND<5000							
4/19/2005	4.80	0.00	928.46	ND<500	240 *	ND<2.5	ND<5.0	ND<5.0	ND<5.0	180	4100	ND<10	ND<10	ND<10	ND<500							
7/26/2005	4.75	0.00	928.51	2200	ND<50	ND<5.0	ND<10	ND<10	ND<10	120	4800	ND<20	ND<20	ND<20	ND<1000							
10/24/2005	5.10	0.00	928.16	ND<500	150 *	ND<1.0	ND<2.0	ND<2.0	ND<2.0	30	1700	ND<4.0	ND<4.0	ND<4.0	ND<200							
1/10/2006	5.29	0.00	927.97	ND<470	ND<200	ND<0.50	ND<0.50	0.50	1.3	28	2500	ND<1.0	ND<1.0	ND<1.0	ND<150							
4/5/2006	5.45	0.00	927.81	ND<470	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	30	1900	ND<1.0	ND<1.0	ND<1.0	ND<150							
7/24/2006	6.74	0.00	926.52	ND<470	220	ND<2.0	ND<2.0	ND<2.0	ND<4.0	43	2000	ND<4.0	ND<4.0	ND<4.0	ND<600	ND<0.050	ND<0.10	ND<0.30 RL-1	2000	0.67/1.15	-71/-26	
10/11/2006	7.10	0.00	926.16	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	15	1100	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.55 RL-1	2300	1.76/0.47	18/3	
1/31/2007	9.22	0.00	924.04	ND<470	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	5.9	1100	ND<2.0	ND<2.0	ND<2.0	ND<300	ND<0.050	ND<0.10	ND<0.011	2300	0.60/0.28	84/-89	
4/4/2007	9.63	0.00	923.63	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.3	1000	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.011	2000	0.31/0.23	157/90	
7/12/2007	10.59	0.00	922.67	ND<480	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	7.6	1100	ND<2.0	ND<2.0	ND<2.0	ND<300	0.0063	0.10	ND<0.11	2100	0.25/0.10	-22/108	
10/11/2007	10.55	0.00	922.71	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.7	410	ND<1.0	ND<1.0	ND<1.0	ND<150	0.023	1.0	ND<0.22 RL-1	1500	0.47/0.26	10/56	
1/16/2008	10.53	0.00	922.73	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.0	390	ND<1.0	ND<1.0	ND<1.0	ND<150	0.036	3.0	ND<0.22 RL-1	2300	0.15/0.13	8/-15	
4/3/2008	7.33	0.00	925.93	ND<50	54 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.8	380	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00138	ND<0.10	0.23	2700	0.38/4.18	-29/25	
7/18/2008	8.22	0.00	925.04	ND<500	81 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	5.0	360	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00276	ND<0.10	ND<0.20 b	1900	0.18/0.42	-38/75	
10/8/2008	10.05	0.00	923.21	ND<500	72 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.7	370	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.20 b	2600	0.33/0.23	-23/129	
1/14/2009	10.71	0.00	922.55	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.3	270	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.15	2900	0.49/0.38	-45/78	
4/14/2009	10.24	0.00	923.02	ND<500	67 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.0	360	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00109	ND<0.10	ND<0.20 b	2100	0.53/0.62	112/31	
10/9/2009	11.84	0.00	921.42	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.5	720	ND<2.0	ND<2.0	ND<2.0	ND<100							

TABLE 3																						
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS
W-13																						
Top of casing elevation (ft): unknown																						
1/26/2004	10.90	0.00																				
1/30/2004	10.52	0.00		ND<1000	3900	110	1.3	ND<1.0	ND<1.0	45000	25000	ND<2.0	ND<2.0	13	ND<100							
Top of casing elevation (ft): 933.76																						
4/23/2004	13.58	0.00	920.18	1200	980 *	ND<250	ND<500	ND<500	ND<500	820	93000	ND<1000	ND<1000	ND<1000	ND<100							
7/21/2004	13.45	0.00	920.31	ND<500	190	ND<100	ND<200	ND<200	ND<200	230	35000	ND<400	ND<400	ND<400	ND<20000							
10/14/2004	12.45	0.00	921.31	ND<500	380 *	ND<10	ND<20	ND<20	ND<20	50	17000	ND<40	ND<40	ND<40	ND<2000							
1/11/2005	1.95	0.00	931.81	ND<500	ND<50	ND<1.0	ND<2.0	ND<2.0	ND<2.0	100	960	ND<4.0	ND<4.0	ND<4.0	ND<200							
4/19/2005	3.45	0.00	930.31	ND<500	210 *	ND<1.0	ND<2.0	ND<2.0	ND<2.0	170	1400	ND<4.0	ND<4.0	ND<4.0	ND<200							
7/26/2005	9.08	0.00	924.68	ND<500	50	ND<1.0	ND<2.0	ND<2.0	ND<2.0	49	1800	ND<4.0	ND<4.0	ND<4.0	ND<200							
10/24/2005	4.37	0.00	929.39	ND<500	110	ND<1.0	ND<2.0	ND<2.0	ND<2.0	19	880	ND<4.0	ND<4.0	ND<4.0	ND<200							
1/10/2006	3.91	0.00	929.85	ND<470	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	16	710	ND<1.0	ND<1.0	ND<1.0	ND<150							
4/5/2006	4.78	0.00	928.98	ND<470	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	6.0	440	ND<1.0	ND<1.0	ND<1.0	ND<150							
7/24/2006	6.67	0.00	927.09	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	9.0	230	ND<1.0	ND<1.0	ND<1.0	ND<150	0.085	ND<0.10	ND<0.30 RL-1	2200	0.45/1.63	-59/-89	
10/11/2006	7.30	0.00	926.46	ND<470	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.5	310	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.40	ND<0.55 RL-1	2300	0.38/0.37	-45/-45	
1/31/2007	9.34	0.00	924.42	ND<470	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	3.6	410	ND<2.0	ND<2.0	ND<2.0	ND<300	0.22	1.0	ND<0.11	2300	0.43/0.81	-205/-96	
4/4/2007	9.99	0.00	923.77	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	5.4	240	ND<1.0	ND<1.0	ND<1.0	ND<150	0.058	ND<0.10	ND<0.11	2300	0.34/0.72	-60/79	
7/12/2007	10.87	0.00	922.89	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.5	77	ND<1.0	ND<1.0	ND<1.0	ND<150	0.026	0.20	ND<0.11	2200	0.16/0.26	28/46	
10/11/2007	10.80	0.00	922.96	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.13	3.0	ND<0.22 RL-1	1600	0.31/0.23	46/53	
1/16/2008	10.69	0.00	923.07	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.7	29	ND<1.0	ND<1.0	ND<1.0	ND<150	0.012	0.30	ND<0.22 RL-1	2200	0.11/0.45	-42/12	
4/3/2008	6.87	0.00	926.89	ND<50	65 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.5	15	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0206	1.5	ND<0.20	2900	0.29/2.99	8/2	
7/18/2008	8.56	0.00	925.20	ND<500	83 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.3	22	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0492	0.90	ND<0.20 b	2100	0.12/0.28	-67/-23	
10/8/2008	10.06	0.00	923.70	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.2	16	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0334	0.81	ND<0.20 b	2200	0.33/0.12	-42/-21	
1/14/2009	10.87	0.00	922.89	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.0	11	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0143	0.21	ND<0.10	2800	0.56/0.48	-60/55	
4/14/2009	10.34	0.00	923.42	ND<500	56 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00737	0.61	ND<0.20 b	2200	0.45/0.64	47/68	
10/9/2009	12.08	0.00	921.68	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-14																						
Top of casing elevation (ft): unknown																						
1/26/2004	11.85	0.00																				
1/30/2004	12.18	0.00		ND<1000	840	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4400	95	ND<2.0	ND<2.0	3.4	ND<100							
Top of casing elevation (ft): 935.12																						
4/23/2004																						Unable to locate
7/21/2004																						Unable to locate
10/14/2004	14.19	0.00	920.93	ND<500	2100 *	ND<13	ND<25	ND<25	ND<25	2500	360	ND<50	ND<50	ND<50	ND<2500							
1/11/2005	3.35	0.00	931.77	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	16	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
4/19/2005	4.51	0.00	930.61	ND<500	390 *	1.4	ND<1.0	ND<1.0	ND<1.0	560	280	ND<2.0	ND<2.0	ND<2.0	ND<100							
7/26/2005	5.29	0.00	929.83	3400	320 *	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4600	460	ND<2.0	ND<2.0	3.5	ND<100							
10/24/2005	5.89	0.00	929.23	ND<500	840 *	ND<5.0	ND<10	ND<10	ND<10	1400	620	ND<20	ND<20	ND<20	ND<1000							
1/10/2006	5.73	0.00	929.39	ND<470	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	130	570	ND<1.0	ND<1.0	ND<1.0	ND<150							
4/5/2006	6.10	0.00	929.02	ND<480	68	ND<0.50	ND<0.50	ND<0.50	ND<1.0	49	220	ND<1.0	ND<1.0	ND<1.0	ND<150							
7/24/2006	7.99	0.00	927.13	ND<470	78	ND<0.50	ND<0.50	ND<0.50	ND<1.0	49	520	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.15	ND<0.30 RL-1	60	0.48/1.02	-12/-25	
10/11/2006	8.63	0.00	926.49	ND<470	59	ND<0.50	ND<0.50	ND<0.50	ND<1.0	36	580	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<0.55 RL-1	1500	0.80/0.15	19/22	
1/31/2007	10.62	0.00	924.50	ND<470	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	36	520	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<0.11	1900	0.29/0.22	-80/-114	
4/4/2007	11.31	0.00	923.81	ND<500	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	60	520	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<0.11	1900	0.41/0.24	129/-37	
7/12/2007	12.19	0.00	922.93	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	18	300	ND<1.0	ND<1.0	ND<1.0	ND<150	0.010	0.10	ND<0.11	2100	0.31/0.20	12/47	
10/11/2007	12.10	0.00	923.02	ND<470	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.1	800	1.5	ND<1.0	ND<1.0	ND<150	0.0066	3.0	ND<0.55 RL-1	3100	0.39/0.31	36/52	
1/16/2008	12.00	0.00	923.12	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.4	120	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	0.79	1500	0.32/0.55	-24/16	
4/3/2008	8.24	0.00	926.88	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.4	42	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	3.0	1600	0.56/1.65	13/46	
7/18/2008	9.71	0.00	925.41	ND<500	61 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	10	85	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00361	ND<0.10	0.93	1300	0.20/1.45	198/112	
10/8/2008	11.55	0.00	923.57	ND<500	57 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	12	160	ND<2.0	ND<2.0	ND<2.0	ND<100	0.0218	ND<0.10	ND<0.20 b	2100	1.54/0.65	27/64	
1/14/2009	12.11	0.00	923.01	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	5.4	320	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00158	ND<0.10	ND<0.10	1900	0.56/0.33	-57/64	
4/14/2009	11.70	0.00	923.42	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.1	72	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.00100	ND<0.10	0.20	1200	0.62/0.53	16/44	
10/9/2009	13.31	0.00	921.81	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.1	7.6	ND<2.0	ND<2.0	ND<2.0	ND<100							

TABLE 3																						
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS
W-15																						
Top of casing elevation (ft): unknown																						
1/26/2004	11.33	0.00																				
1/30/2004	15.38	0.00		ND<1000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
Top of casing elevation (ft): 934.40																						
4/23/2004	7.80	0.00	926.60	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004																						Unable to locate
10/14/2004	10.65	0.00	923.75	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.1	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	3.42	0.00	930.98	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	7.89	0.00	926.51	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	7.56	0.00	926.84	1500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005	8.20	0.00	926.20	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/10/2006	8.20	0.00	926.20	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.5	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150						
4/5/2006	6.85	0.00	927.55	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<150						
7/24/2006	9.71	0.00	924.69	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.3	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.30 RL-1	2300	0.39/1.48	-26/-27	
10/11/2006	9.95	0.00	924.45	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.7	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<1.1RL-1	2400	0.45/1.99	5/30	
1/31/2007	11.73	0.00	922.67	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.1	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	0.22	2400	0.84/0.23	1.36/-43	
4/4/2007	10.34	0.00	924.06	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.2	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	0.14	2500	0.53/0.51	237/67	
7/12/2007	10.42	0.00	923.98	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.2	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.043	ND<0.10	ND<0.11	2300	0.30/0.05	105/47	
10/11/2007	10.38	0.00	924.02	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0096	ND<0.10	8.3	2100	0.57/0.17	113/59	
1/16/2008	9.07	0.00	925.33	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.3	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0068	0.30	ND<0.22 RL-1	2200	0.07/0.39	88/8	
4/3/2008	9.62	0.00	924.78	56	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.20	2700	0.42/4.34	90/54	
7/18/2008	9.84	0.00	924.56	ND<500	53 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.56	2200	0.18/3.45	10/71	
10/8/2008	10.88	0.00	923.52	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00213	ND<0.10	ND<0.20 b	2100	0.50/1.02	7/34	
1/14/2009	10.30	0.00	924.10	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.8	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00107	ND<0.10	0.23	2900	0.41/0.62	88/27	
4/14/2009	10.15	0.00	924.25	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.9	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00101	ND<0.10	ND<0.20 b	2400	0.50/0.79	92/50	
10/9/2009	10.81	0.00	923.59	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	1.2	3.7	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-16																						
Top of casing elevation (ft): unknown																						
1/26/2004	7.45	0.00																				
1/30/2004	23.93	0.00		ND<1000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.5	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/23/2004	9.14	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/21/2004	8.85	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/14/2004	7.77	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/11/2005	5.89	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
4/19/2005	5.43	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
7/26/2005	6.57	0.00	950	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
10/24/2005	6.65	0.00		ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100						
1/10/2006	8.22	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150							
4/5/2006	8.15	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150							
7/24/2006	7.61	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.75 RL-1	3100	0.79/1.44	-12/46	
Top of casing elevation (ft): 931.00																						
10/11/2006	9.03	0.00	921.97	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<1.1 RL-1	3200	0.24/0.46	22/-121	
1/31/2007	10.62	0.00	920.38	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	0.26	3200	0.41/0.25	-26/-162	
4/4/2007	10.40	0.00	920.60	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	1.6	3100	0.23/1.37	144/114	
7/12/2007	12.14	0.00	918.86	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	0.34	3100	0.08/0.16	99/164	
10/11/2007	12.05	0.00	918.95	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	ND<0.55 RL-1	3100	0.11/0.23	105/138	
1/16/2008	8.88	0.00	922.12	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	ND<0.10	ND<0.55 RL-1	3000	0.23/0.47	61/23	
4/3/2008	6.76	0.00	924.24	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.66	4200	0.36/4.04	-12/61	
7/18/2008	9.24	0.00	921.76	ND<500	54 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.27	2800	0.14/0.66	157/94	
10/8/2008	10.23	0.00	920.77	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	0.46	3100	0.31/0.23	89/126	
1/14/2009	11.31	0.00	919.69	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.10	3900	0.17/0.13	4/-16	
4/14/2009	9.27	0.00	921.73	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.00100	ND<0.10	0.40	2800	0.79/0.77	23/23	
10/9/2009	8.57	0.00	9																			

TABLE 3																						
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS
W-17																						
Top of casing elevation (ft): unknown																						
1/26/2004	18.21	0.00																				
1/30/2004	19.48	0.00		ND<1000	160	ND<0.50	ND<1.0	ND<1.0	ND<1.0	210	220	ND<2.0	ND<2.0	ND<2.0	ND<100							
Top of casing elevation (ft): 931.87																						
4/23/2004	18.60	0.00	913.27	ND<500	160 *	ND<1.0	ND<2.0	ND<2.0	ND<2.0	210	97	ND<4.0	ND<4.0	ND<4.0	ND<100							
7/21/2004	18.92	0.00	912.95	ND<500	130	ND<1.0	ND<2.0	ND<2.0	ND<2.0	240	38	ND<4.0	ND<4.0	ND<4.0	ND<200							
10/14/2004	18.95	0.00	912.92	ND<500	190	ND<0.50	ND<1.0	ND<1.0	ND<1.0	170	70	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/11/2005	16.94	0.00	914.93	ND<500	84	ND<0.50	ND<1.0	ND<1.0	ND<1.0	150	430	ND<2.0	ND<2.0	ND<2.0	ND<100							
4/19/2005	11.79	0.00	920.08	ND<500	300 *	ND<0.50	ND<1.0	ND<1.0	ND<1.0	210	420	ND<2.0	ND<2.0	ND<2.0	ND<100							
7/26/2005	14.55	0.00	917.32	990	73	ND<0.50	ND<1.0	ND<1.0	ND<1.0	110	520	ND<2.0	ND<2.0	ND<2.0	ND<100							
10/24/2005	14.89	0.00	916.98	ND<500	200	ND<0.50	ND<1.0	ND<1.0	ND<1.0	85	400	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/10/2006	15.40	0.00	916.47	ND<470	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	45	900	1.5	ND<1.0	ND<1.0	ND<150							
4/5/2006	15.32	0.00	916.55	ND<470	ND<1000	ND<10	ND<10	ND<10	ND<20	40	1300	ND<20	ND<20	ND<20	ND<3000							
7/24/2006	15.68	0.00	916.19	ND<470	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	33	1200	ND<2.0	ND<2.0	ND<2.0	ND<300	ND<0.050	12	ND<0.15 RL-1	3400	0.59/1.19	-101/-118	
10/11/2006	15.53	0.00	916.34	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	18	130	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	9.0	ND<1.1 RL-1	3600	0.21/0.22	-122/-82	
1/31/2007	16.55	0.00	915.32	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	14	500	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	12	ND<0.11	3500	0.17/0.21	-67/-73	
4/4/2007	16.84	0.00	915.03	ND<500	68	ND<2.0	ND<2.0	ND<2.0	ND<4.0	11	1300	ND<4.0	ND<4.0	ND<4.0	ND<600	ND<0.050	7.0	ND<0.11	3500	0.25/0.33	-97/-134	
7/12/2007	17.08	0.00	914.79	ND<470	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	14	1500	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0043	15	ND<1.1 RL-1	3200	0.05/0.34	48/-51	
10/11/2007	16.98	0.00	914.89	ND<470	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	12	6200	ND<10	ND<10	ND<10	ND<1500	0.025	50	ND<0.55 RL-1	2600	0.13/0.45	47/-21	
1/16/2008	17.48	0.00	914.39	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	14	620	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0054	14	ND<0.55 RL-1	3300	0.22/0.59	-37/8	
4/3/2008	16.16	0.00	915.71	ND<50	120 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	16	1400	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00184	10	ND<0.20	4200	0.34/0.92	-73/-63	
7/18/2008	16.16	0.00	915.71	ND<500	190 a	ND<1.0	ND<2.0	ND<2.0	ND<2.0	11	1600	ND<4.0	ND<4.0	ND<4.0	ND<200	0.00149	9.3	ND<0.20 b	2900	0.15/0.17	-90/-62	
10/8/2008	16.43	0.00	915.44	ND<500	150 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	11	730	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00184	3.7	ND<0.20 b	4100	0.31/0.34	-64/-75	
1/14/2009	16.83	0.00	915.04	ND<500	58 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	9.4	730	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00187	3.9	ND<0.10	4200	0.29/0.34	78/-96	
4/14/2009	16.43	0.00	915.44	ND<500	88 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	8.1	780	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00326	12	ND<0.20 b	2900	0.80/0.76	-26/-8	
10/9/2009	17.22	0.00	914.65	ND<500	61 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	6.8	1200	ND<2.0	ND<2.0	ND<2.0	ND<100							
W-18																						
Top of casing elevation (ft): unknown																						
1/26/2004	25.65	0.00																				
1/30/2004	27.70	0.00		ND<1000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
Top of casing elevation (ft): 932.84																						
4/23/2004	28.44	0.00	904.40	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
7/21/2004	28.77	0.00	904.07	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
10/14/2004	28.70	0.00	904.14	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/11/2005	9.03	0.00	923.81	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
4/19/2005	12.57	0.00	920.27	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
7/26/2005	22.55	0.00	910.29	2000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
10/24/2005	23.85	0.00	908.99	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/10/2006	25.30	0.00	907.54	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150							
4/5/2006	26.20	0.00	906.64	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150							
7/24/2006	25.21	0.00	907.63	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	1.0	ND<0.75 RL-1	2300	0.64/1.28	-35/-60	
10/11/2006	26.74	0.00	906.10	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.50	ND<1.1 RL-1	2200	0.17/0.99	-37/20	
1/31/2007	27.63	0.00	905.21	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.20	ND<0.11	2000	0.48/0.53	-54/10	
4/4/2007	27.94	0.00	904.90	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.11	2000	0.36/0.41	-46/-9	
7/12/2007	27.94	0.00	904.90	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0036	ND<0.10	ND<0.55 RL-1	1900	0.05/0.51	27/145	
10/11/2007	27.90	0.00	904.94	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0024	0.30	ND<0.22 RL-1	1900	0.13/0.46	41/120	
1/16/2008	28.17	0.00	904.67	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	51	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0023	ND<0.10	ND<0.22 RL-1	1700	0.14/0.31	-13/-8	
4/3/2008	17.58	0.00	915.26	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	5.8	1400	0.25/1.37	-24/16	
7/18/2008	25.21	0.00	907.63	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00221	ND<0.10	0.45	1500	0.16/0.45	27/17	
10/8/2008	26.25	0.00	906.59	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00154	ND<0.10	ND<0.20 b	2100	0.24/0.69	26/15	
1/14/2009	26.73	0.00	906.11	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00188	0.20	ND<0.10	1900	0.30/0.57	-63/17	
4/14/2009	27.55	0.00	905.29	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00243	0.28	ND<0.20 b	1600	0.78/0.23	-30/4	
10/9/2009	27.39	0.00	905.45	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							

TABLE 3																							
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																							
5226 Palo Comado Canyon Road, Agoura Hills, California																							
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA 8260 (ug/L)	DIPE 8260 (ug/L)	ETBE 8260 (ug/L)	TAME 8260 (ug/L)	ETHANOL 8260 (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS	
W-19				Top of casing elevation (ft): unknown																			
1/26/2004	14.28	0.00																					
1/30/2004	16.87	0.00		ND<1000	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	32	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
W-20				Top of casing elevation (ft): 930.43																			
4/23/2004	11.90	0.00	918.53	ND<500	54 *	ND<0.50	ND<1.0	ND<1.0	ND<1.0	85	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/21/2004	14.04	0.00	916.39	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	57	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/14/2004	15.25	0.00	915.18	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	40	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/11/2005	7.72	0.00	922.71	ND<500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	69	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
4/19/2005	9.25	0.00	921.18	ND<500	90 *	ND<0.50	ND<1.0	ND<1.0	ND<1.0	92	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
7/26/2005	10.92	0.00	919.51	1500	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	140	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
10/24/2005	11.34	0.00	919.09	ND<500	77 *	ND<0.50	ND<1.0	ND<1.0	ND<1.0	130	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								
1/10/2006	11.07	0.00	919.36	ND<470	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	91	54	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2006	9.21	0.00	921.22	ND<480	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	68	110	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/24/2006	11.70	0.00	918.73	ND<470	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	88	290	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.75 RL-1	2600	0.68/0.88	19/10		
10/11/2006	12.43	0.00	918.00	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	42	520	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<1.1 RL-1	3000	0.26/0.77	30/43		
1/31/2007	13.26	0.00	917.17	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	34	270	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<0.11	2900	0.37/0.31	135/-100		
4/4/2007	12.40	0.00	918.03	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	32	370	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	ND<0.11	2800	0.82/1.69	-131/-52		
7/12/2007	13.12	0.00	917.31	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	22	220	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0034	0.20	ND<1.1 RL-1	2800	0.08/0.30	78/57		
10/11/2007	12.83	0.00	917.60	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	22	160	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0077	0.10	ND<0.55 RL-1	2900	0.11/0.27	94/105		
1/16/2008	12.18	0.00	918.25	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	63	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0042	0.40	ND<0.55 RL-1	2700	0.13/0.27	17/-14		
4/3/2008	10.70	0.00	919.73	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	11	28	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00149	ND<0.10	0.44	3100	0.28/3.64	30/64		
7/18/2008	12.35	0.00	918.08	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	12	49	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00332	ND<0.10	0.20	2600	0.89/1.42	112/142		
10/8/2008	13.70	0.00	916.73	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	16	59	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00274	ND<0.10	ND<0.20 b	3400	0.28/0.31	94/82		
1/14/2009	12.18	0.00	918.25	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	11	18	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00242	ND<0.10	ND<0.10	3100	0.41/0.81	28/93		
4/14/2009	11.45	0.00	918.98	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	10	17	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00126	ND<0.10	ND<0.20 b	2400	0.95/0.84	85/73		
10/9/2009	14.03	0.00	916.40	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	13	13	ND<2.0	ND<2.0	ND<2.0	ND<100								
W-20				Top of casing elevation (ft): unknown																			
12/21/2005	22.15	0.00																					
1/10/2006	22.60	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
4/5/2006	22.23	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150								
7/24/2006	22.54	0.00		ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	1.1	2500	0.94/0.84	-64/-117		
W-20				Top of casing elevation (ft): 933.69																			
10/11/2006	23.25	0.00	910.44	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.10	ND<1.1 RL-1	2500	0.11/0.48	-15/-76		
1/31/2007	27.25	0.00	906.44	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	ND<0.10	0.53	2400	0.23/0.31	-200/-110		
4/4/2007	23.84	0.00	909.85	ND<500	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.050	0.30	2.3	3100	0.15/0.34	63/-6		
7/12/2007	24.90	0.00	908.79	ND<470	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	0.0039	0.10	ND<0.55 RL-1	1200	0.09/0.16	50/38		
10/11/2007	24.55	0.00	909.14	ND<480	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	0.10	ND<0.11	520	0.23/0.41	76/58		
1/16/2008	23.47	0.00	910.22	ND<490	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<150	ND<0.0010	0.30	0.88	890	0.20/0.41	-25/-8		
4/3/2008	18.55	0.00	915.14	ND<50	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	4.6	3000	1.58/1.64	32/73		
7/18/2008	22.74	0.00	910.95	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	1.8	2300	0.31/0.26	141/52		
10/8/2008	23.94	0.00	909.75	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	ND<0.10	ND<0.20 b	2600	0.30/0.22	57/96		
1/14/2009	24.10	0.00	909.59	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.0010	0.16	1.1	2200	0.13/0.57	-26/28		
4/14/2009	24.13	0.00	909.56	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	0.00139	0.58	0.75	1200	0.72/0.63	83/36		
10/9/2009	28.14	0.00	905.55	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100								

TABLE 3																						
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS																						
5226 Palo Comado Canyon Road, Agoura Hills, California																						
DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (ft relative to MSL)	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL- BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	METHANE (mg/L)	Fe 2+ (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	DO (mg/L)	ORP (m/V)	COMMENTS
Notes:																						
GW = groundwater																						
SPH = separate-phase hydrocarbons																						
MSL = mean sea level																						
ND = not detected																						
ug/L = parts per billion																						
TPH-D = total petroleum hydrocarbons as diesel analyzed using the California DHS LUFT Method																						
TPH-G = total petroleum hydrocarbons as gasoline analyzed using the California DHS LUFT Method																						
Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B																						
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B																						
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B																						
DIPE = diisopropyl ether analyzed using EPA Method 8260B																						
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B																						
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B																						
Fe 2+ = Iron																						
DO = dissolved oxygen																						
ORP = Oxidation-Reduction Potential																						
* - hydrocarbon does not match pattern of laboratory's standard																						
RL-1 = reporting limit raised due to sample matrix effect.																						
a - total purgeable petroleum hydrocarbons using 8260B																						
b - The reporting limit is elevated resulting from matrix interference.																						
Ethanol analyzed using EPA Method 8015B prior to 3Q04.																						
Wells W-11 through W-15 and W-17 through W-19 surveyed on February 23, 2004 by Azimuth Group of Ventura, CA.																						
Wells W-16 and W-20 surveyed on July 24, 2006 by DULIN and BOYNTON, CA.																						

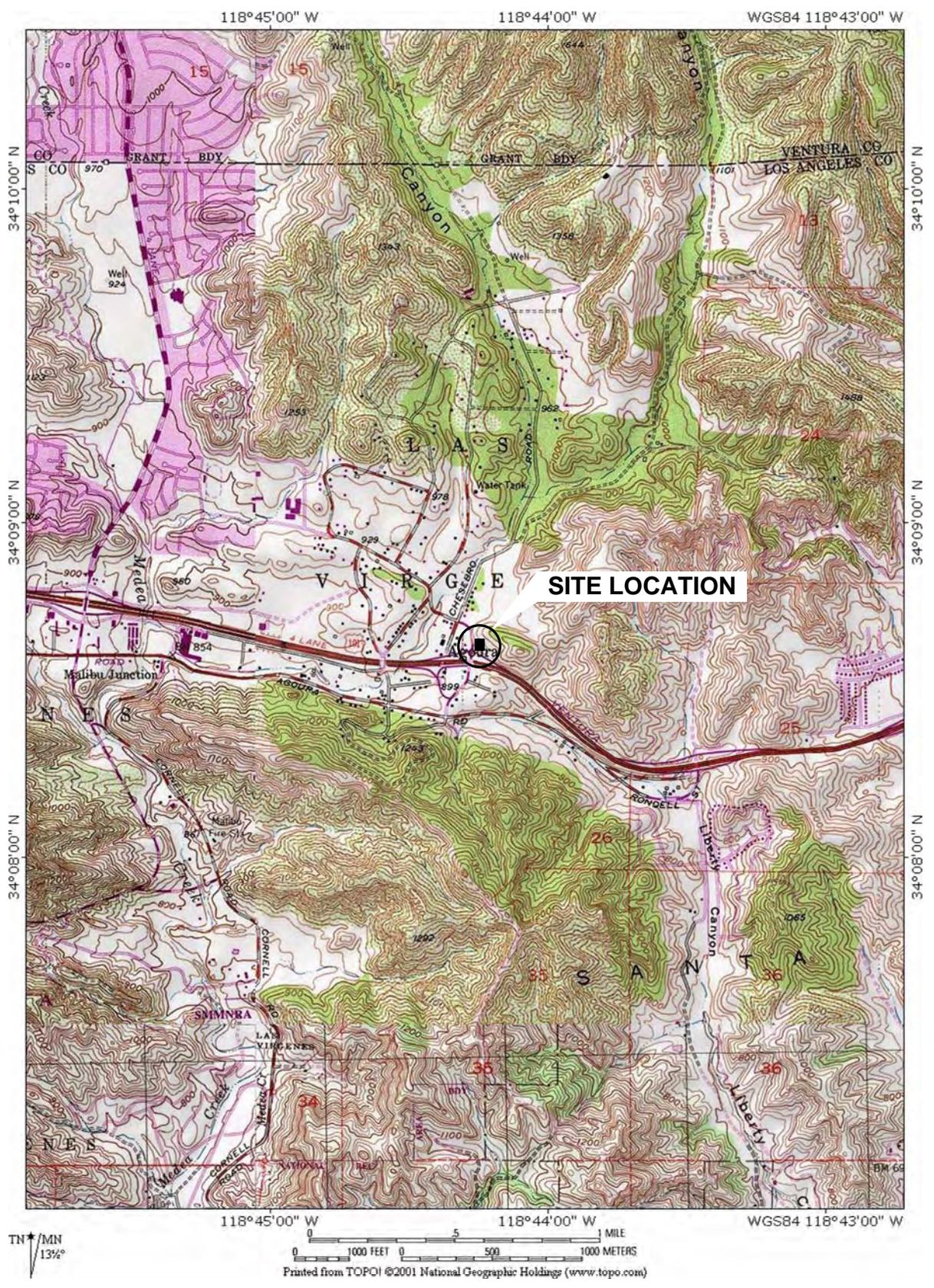
FIGURES

DRAWING NUMBER
SCA5226 P1

APPROVED BY

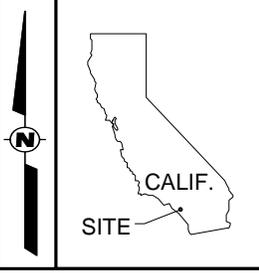
CHECKED BY

DRAWN BY
LUIS CH
08/30/06



TN* / MN
13 1/2"

0 1000 FEET 0 500 1000 METERS
0 5 1 MILE
Printed from TOPOI ©2001 National Geographic Holdings (www.topo.com)



SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
AGOURA HILLS, CALIFORNIA

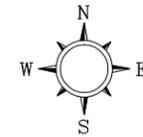
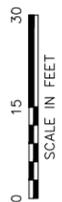
FIGURE 1
SITE LOCATION MAP
5226 PALO COMADO CANYON ROAD
AGOURA HILLS, CALIFORNIA

PROJECT NUMBER SCA5226P1A

APPROVED BY

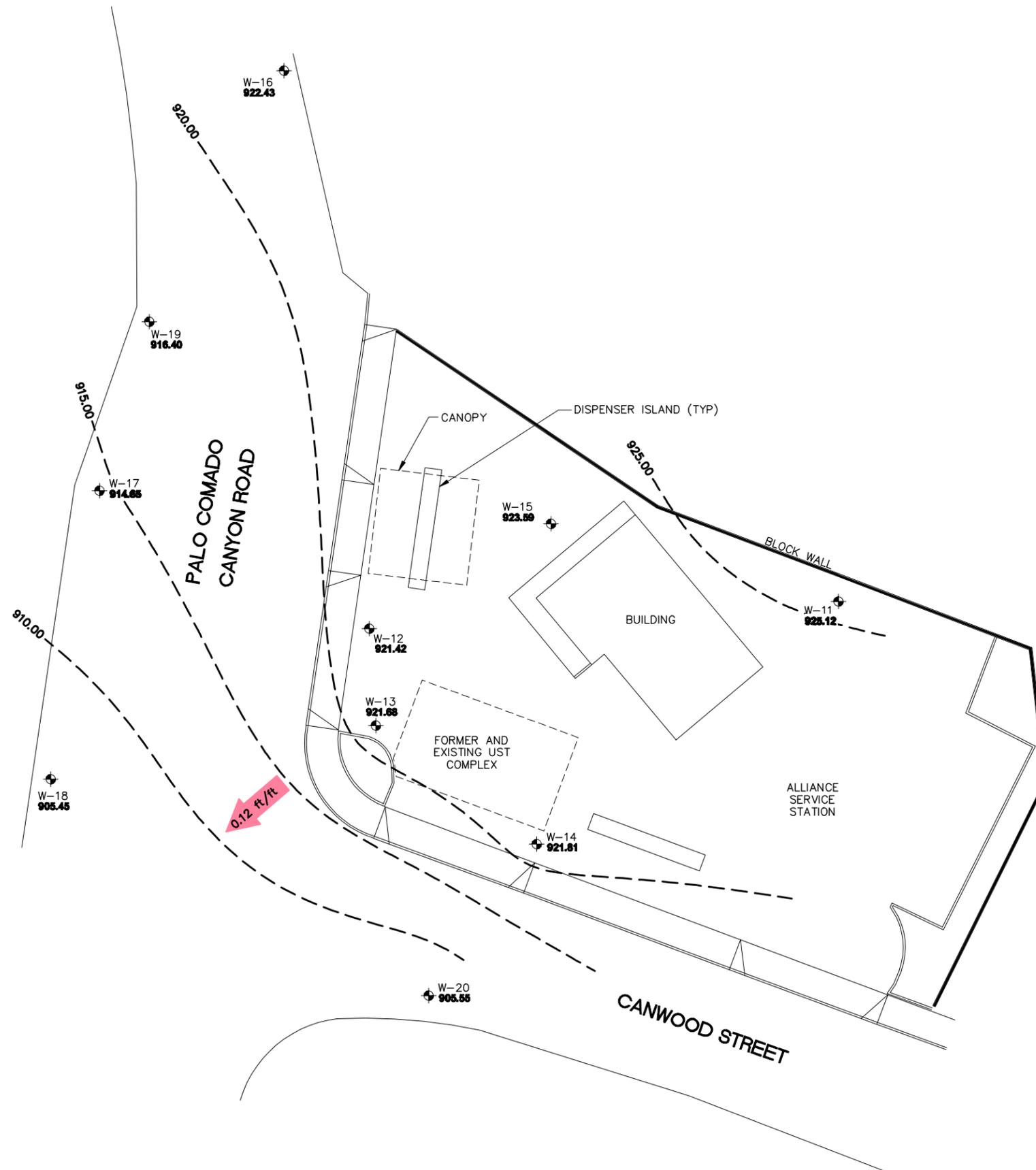
CHECKED BY

DRAWN BY ICD 11/06/2009



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 922.43 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
- 910.00 GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
CONTOUR INTERVAL=5.00 FEET
- 0.12 ft/ft APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)



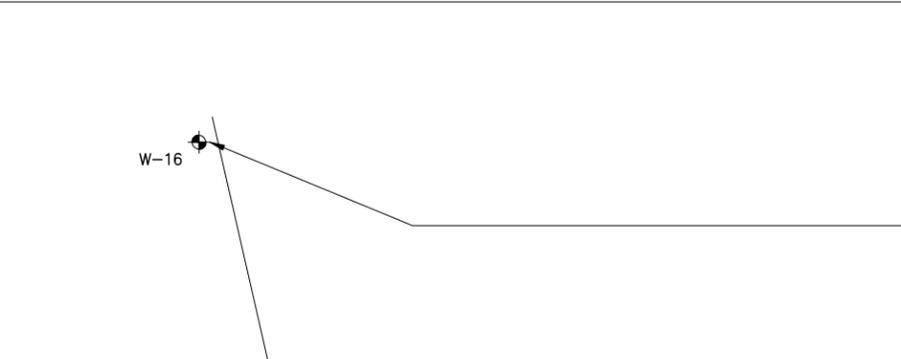
SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
AGOURA HILLS, CALIFORNIA

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
10/09/2009

5226 PALO COMADO CANYON ROAD
AGOURA HILLS, CALIFORNIA

PROJECT NUMBER SCA5226P1A
 DRAWN BY /CD 11/06/2009
 CHECKED BY
 APPROVED BY

W-17					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	81 a	ND<0.50	6.6	1,200



W-16					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<10

W-19					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	13	13

W-15					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	3.7	ND<10

W-11					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<10

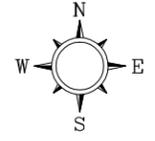
W-12					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	2.5	720

W-13					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	4.7	ND<10

W-14					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	1.1	7.6

W-20					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<10

W-18					
DATE	TPH-D (µg/L)	TPH-G (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/09/09	ND<500	ND<50 a	ND<0.50	ND<1.0	ND<10



LEGEND

MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL

MTBE METHYL TERT-BUTYL ETHER

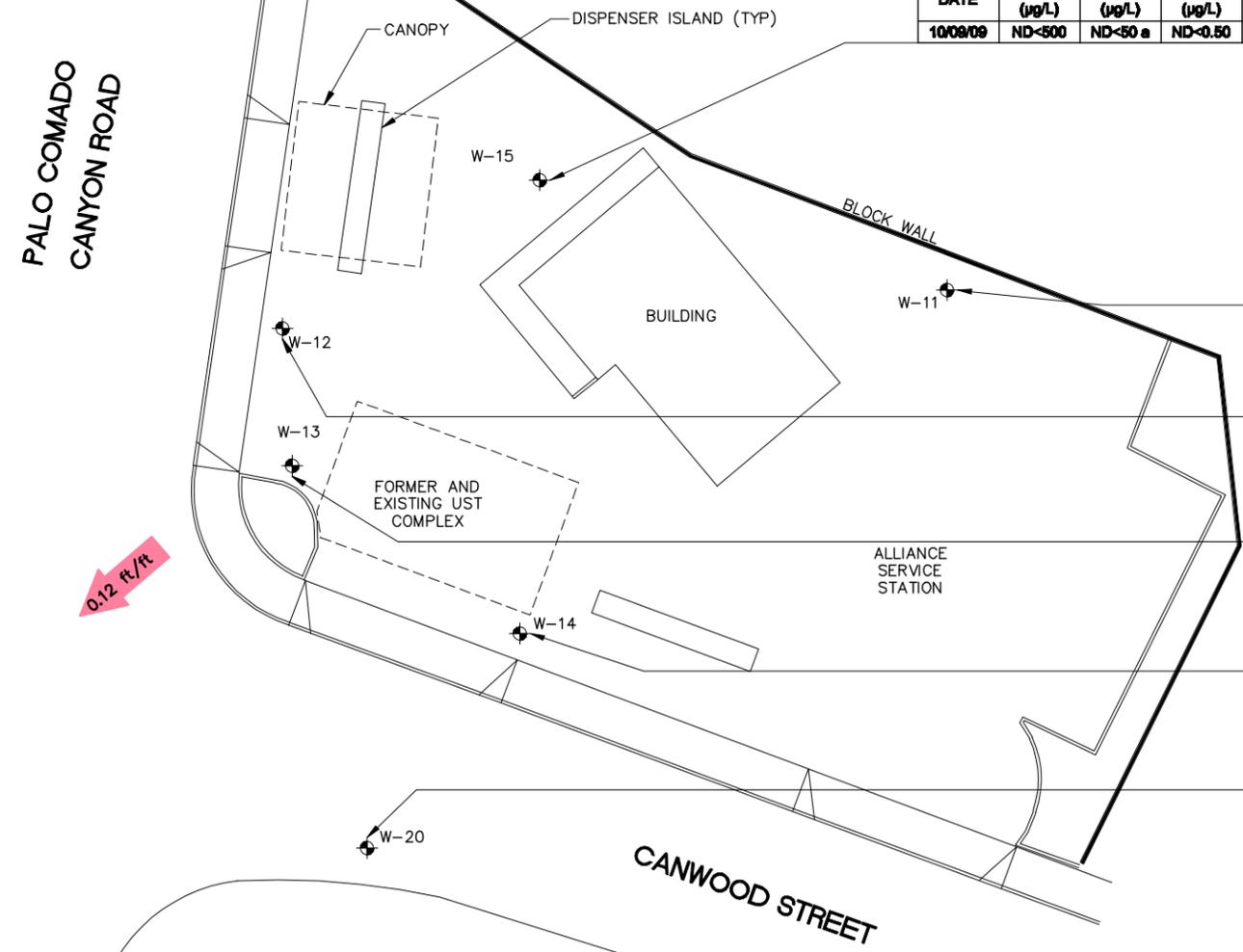
TBA TERT-BUTYL ALCOHOL

µg/L MICROGRAMS PER LITER

ND< NOT DETECTED ABOVE LIMIT NOTED

0.12 ft/ft APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

a TOTAL PURGEABLE PETROLEUM HYDROCARBONS ANALYZED USING 8260B

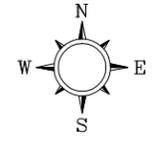


SHELL OIL PRODUCTS US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

FIGURE 3
GROUNDWATER HYDROCARBON
DISTRIBUTION MAP
10/09/2009

5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

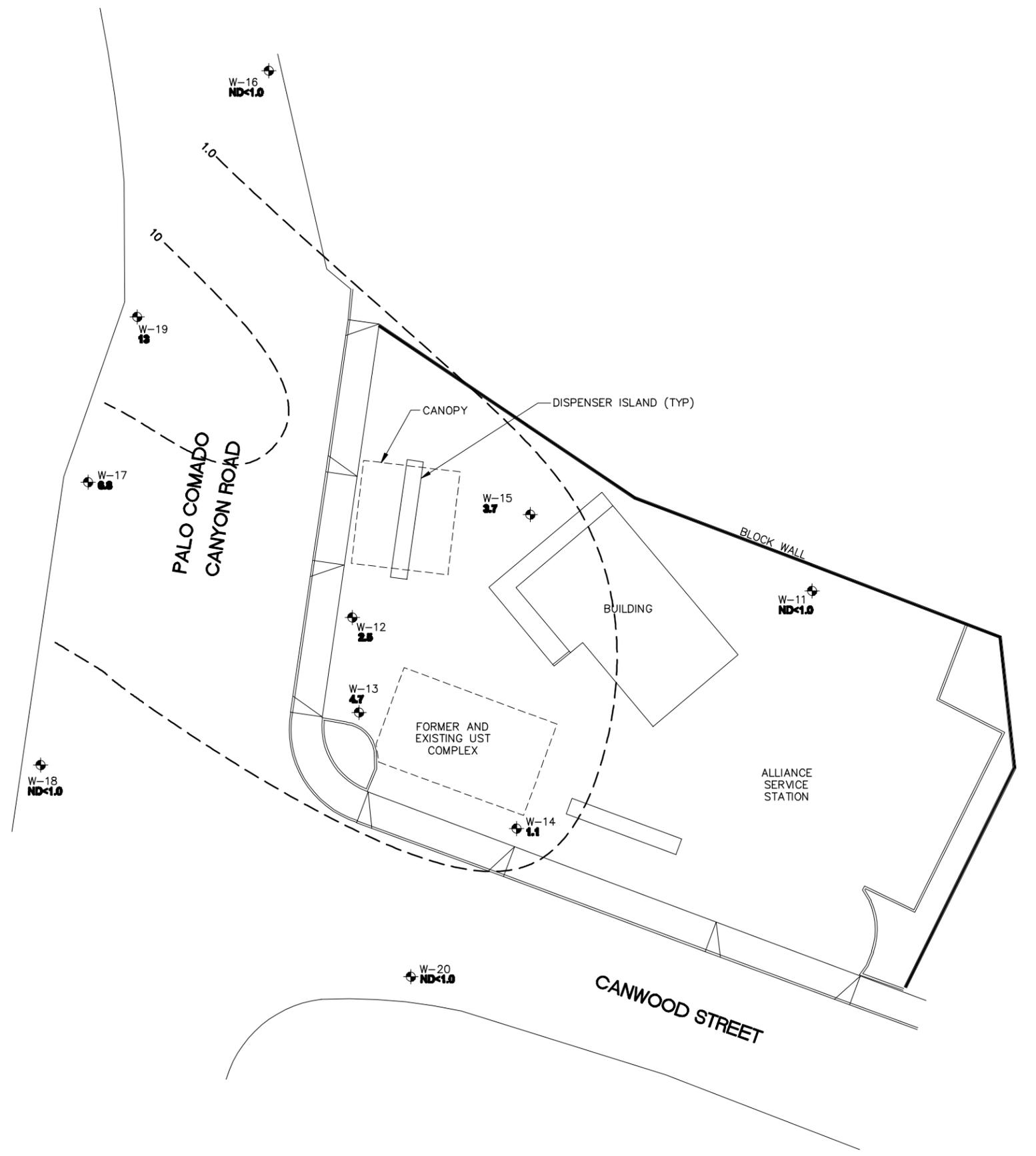
PROJECT NUMBER: SCA5226P1A
 APPROVED BY: []
 CHECKED BY: []
 DRAWN BY: ICD 11/06/2009



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 13 MTBE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
- 0.1 - - - - LINE OF EQUAL MTBE CONCENTRATION
- MTBE METHYL TERT-BUTYL ETHER
- µg/L MICROGRAMS PER LITER
- ND< NOT DETECTED ABOVE LIMIT NOTED

0 15 30
 SCALE IN FEET



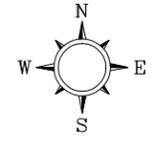
SHELL OIL PRODUCTS US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

FIGURE 4

MTBE ISOCONCENTRATION MAP
 10/09/2009

5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA

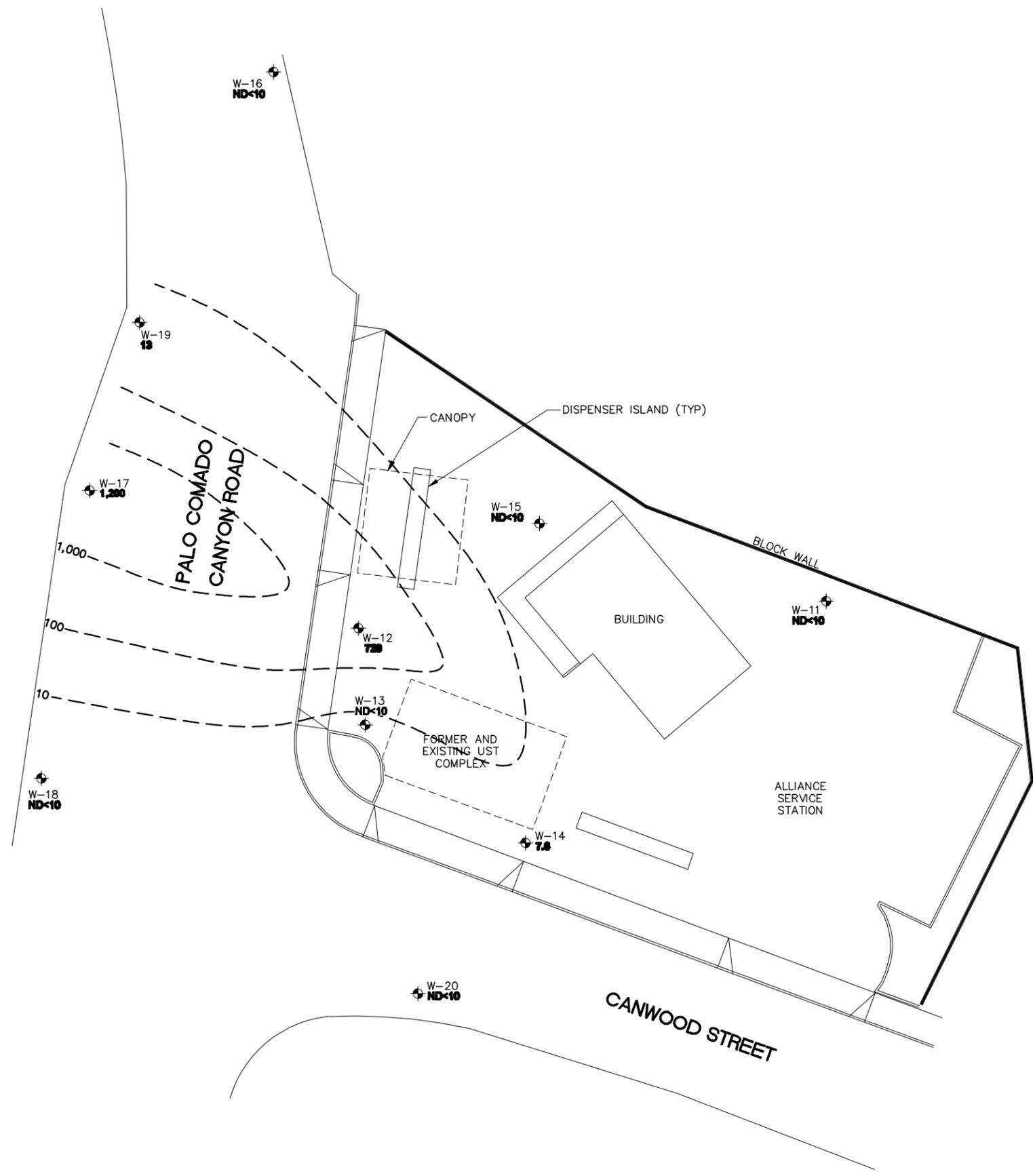
PROJECT NUMBER: SCA5226P1A
 APPROVED BY: _____
 CHECKED BY: _____
 DRAWN BY: ICD 11/06/2009



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- 720 TBA CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
- 100 LINE OF EQUAL TBA CONCENTRATION
- TBA TERTIARY BUTYL ALCOHOL
- µg/L MICROGRAMS PER LITER
- ND< NOT DETECTED ABOVE LIMIT NOTED

0 15 30
 SCALE IN FEET



SHELL OIL PRODUCTS US
 FORMER SHELL SERVICE STATION
 AGOURA HILLS, CALIFORNIA

FIGURE 5

TBA ISOCONCENTRATION MAP
10/09/2009

5226 PALO COMADO CANYON ROAD
 AGOURA HILLS, CALIFORNIA



COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-4111

THOMAS A. TIDEMANSON, Director
WYNN L. SMITH, Chief Deputy Director
HIAM BARMACK, Assistant Director
JAMES L. EASTON, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 2418
LOS ANGELES, CALIFORNIA 90051

MARH 17, 1986

File Service Station
- Environmental
~~5226 Palo Camado Rd~~
Agoura, Ca.
Los Angeles County

IN REPLY PLEASE
REFER TO FILE
I-5924-5H

TEXACO USA
10 UNIVERSAL CITY PLAZA
P.O. BOX 3756
LOS ANGELES, CA. 90051-1756

Attn: MR. R. J. WARK

Gentleman:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT(S) NO. 478B
FACILITY AT: 5226 PALO CAMADO CYN. RD., AGOURA

This office has reviewed the soil sample/groundwater laboratory report submitted on MARCH 7, 1986 required as part of the subject closure procedure.

We find that based on the information submitted, no further subsurface investigation is necessary. The storage tanks listed within the subject permit(s) are considered closed upon disposal of excavated soil (if applicable) as indicated below:

- The use of soils removed during excavation is unrestricted and may be disposed of at an unclassified disposal facility.
- Soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility permitted by the State Department of Health Services (DOHS) unless evidence is presented indicating DOHS has determined that the material may be disposed of at a less restricted facility. Copies of completed manifests shall be submitted to this office indicating legal disposal.

If you have any questions concerning these requirements please contact MIKE DZUBNAR at (213) 226-4015.

Very truly yours,

T.A. TIDEMANSON
Director of Public Works

M. Michael Mohajer
for Supervising Civil Engineer III
Engineering Services Division



SMITH-EMERY COMPANY

An Independent Commercial Testing Laboratory

Established 1904

Telex 62 7585

MARCH 6, 1986

REF & ASSOCIATES
11050 RANDALL STREET
SUN VALLEY, CA. 91352

ATTN: Ms. LYNDA FRANCE

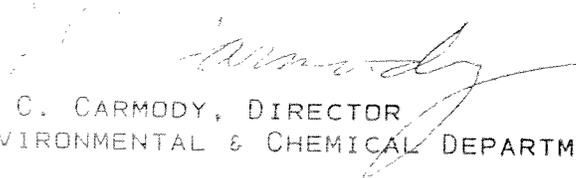
DEAR MS. FRANCE:

ON FEBRUARY 13, 1986 A SMITH-EMERY REPRESENTATIVE SAMPLED SOIL AT THE TEXACO STATION, 5226 PALO COMADO CANYON ROAD, AGOURA, CALIFORNIA. A VERTICAL BORE WAS MADE AS CLOSE AS POSSIBLE (5 FEET) TO THE WASTE OIL TANK PIT USING A HOLLOW STEM AUGER. SLANT DRILLING WAS NOT FEASIBLE DUE TO THE PHYSICAL LIMITATIONS AT THE SITE.

SOIL WAS TAKEN AT 5, 12, 20, 30, AND 40 FEET BELOW GRADE LEVEL USING A SPLIT SPOON SAMPLER. SAMPLES WERE IMMEDIATELY CAPPED IN ALUMINUM AND REFRIGERATED. LABORATORY TESTS WERE COMPLETED WITHIN FIVE DAYS OF RECEIPT.

PLEASE CONTACT ME IF THERE ARE FURTHER QUESTIONS CONCERNING THE SAMPLING AND ANALYSIS.

SINCERELY,


J. C. CARMODY, DIRECTOR
ENVIRONMENTAL & CHEMICAL DEPARTMENT

JJC:EH



Texaco USA

I-5924-SH

10 Universal City Plaza
PO Box 3756
Los Angeles CA 90051-1756

RECEIVED MD

MAR 7 1986

DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICE

February 26, 1986

SERVICE STATION - ENVIRONMENTAL
5226 PALO CAMADO, AGOURA, CA

Mr. Mike Dzubnar,
Civil Engineering Assistant
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90020

Dear Mr. Dzubnar:

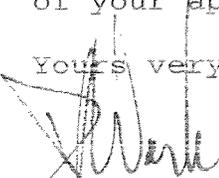
Reference is made to ongoing construction by Texaco's contractor, REF and Associates, at the Texaco service station located at 5226 Palo Camado, Agoura, California.

Apparently Inspector Jack McCubbin of your Valencia office will not allow our contractor to install a new 550 gallon fiberglass waste oil tank until you approve of the results of soil and ground-water analysis in the vicinity of the tank excavation.

Attached for your review is a report prepared by Smith-Energy Company giving the results of soil and groundwater analysis. Based on the results it is obvious that no soil or groundwater contamination exists.

Please call as soon as possible either the undersigned at (818) 505-2468 or Bob or Lynda France at (818) 768-6076 and advise us of your approval to proceed with the tank installation.

Yours very truly,


R. J. WARK
Environmental Protection Coordinator

RJW:adg
R25/182

cc: REF & Associates
www

adg



SMITH-EMERY COMPANY

An Independent Commercial Testing Laboratory

Established 1904

Telex: 67-7585

FOR: REF & ASSOCIATES
11050 RANDALL STREET
SUN VALLEY, CA. 91352

FEBRUARY 20, 1986

ATTN: MS. LYNDA FRANCE

JOB NO: 7924

LABORATORY NO: 593287

SUBJECT: SOIL & WATER ANALYSIS

SAMPLE: SOILS AND WATER SAMPLED BY SMITH-EMERY COMPANY REPRESENTATIVE AT TEXACO STATION, 5226 PALO CAMADO CANYON ROAD, AGOURA. SOIL SAMPLES WERE TAKEN APPROXIMATELY 5 FEET IN FRONT OF WASTE OIL TANK PIT

PROCEDURE: EPA 3020/7420; EPA 8015

RESULTS:

<u>SOIL</u>	<u>TOTAL LEAD MG/KG</u>	<u>TOTAL PETROLEUM HYDROCARBON MG/KG</u>
B-1 5 FT.	3.7	0.5
B-1 12 FT.	4.6	<0.5
B-1 20 FT.	4.7	<0.5
B-1 30 FT.	5.1	0.9
B-1 40 FT.	2.9	<0.5

WATER

TEXACO WELL #1	--	<0.2
TEXACO WELL #2	--	<0.2
TEXACO WELL #8	--	<0.2
TEXACO WELL #10	--	<0.2

RESPECTFULLY SUBMITTED,
SMITH-EMERY COMPANY


L. C. RAAB, MANAGER
CHEMICAL LABORATORY



C 860316

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone : (213) 226-4111

Waste Oil!

THOMAS A. TIDEMANSON, Director
MIAM BARMACK, Chief Deputy Director
JAMES L. EASTON, Chief Deputy Director
WYNN L. SMITH, Chief Deputy Director

FEB 11, 1986

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 2418
LOS ANGELES, CALIFORNIA 90051

TESACO, INC.
10 UNIVERSAL PLAZA
UNIVERSAL CITY

IN REPLY PLEASE
REFER TO FILE:

I-5924-54

ATTN: R.J. WARR

Gentlemen:

UNDERGROUND TANK LEAK

It has come to the attention of this Department that unauthorized discharges of hazardous material may have occurred at the above site.

Due to the threat of this discharge reaching the water table and creating a serious groundwater problem, and as required by Los Angeles County Code, Title 11, Section 11.80.070, it is requested that you provide this office with a written report by that will contain the following information:

- A. The past contents of the subject tank(s).
- B. The estimated quantity of materials lost.
- C. A geological report that contains boring data, soil analysis results, and a definition of the local geology.
- D. Depth of local groundwater.
- E. The vertical and lateral extent of migration for materials lost.
- F. Develop clean-up and mitigation measures, and/or demonstrate to a satisfactory degree that no hazards due to leaks exist.

Soil samples shall be taken at depths of 5, 10, 20, and 30 feet below the lowest point of the tank.

The number and location of borings shall be sufficient in quantity and nature to accurately define the extent of contamination.

All soil samples shall be analyzed by a laboratory equipped for the type of analysis to be conducted. All soil and groundwater samples to be analyzed for total petroleum hydrocarbons shall be prepared using EPA method 5020 or 5030 and analyzed using EPA method 8015.

If groundwater is encountered at any time during the site assessment, a groundwater monitoring well shall be established at a downgradient location. After proper development (four well volumes minimum) a groundwater sample shall be obtained and analyzed for all past contents.

All groundwater samples shall be analyzed to a part per billion sensitivity, and the results shall be reported on laboratory letterhead.

If you have any questions concerning this matter, please contact MIKE DJURNAR at (213) 226-4015.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works



✓ M. Michael Mohajer
Supervising Civil Engineer III
Engineering Services Division

MMM:RW:rw 62

County of Los Angeles
 DEPARTMENT OF COUNTY ENGINEER-FACILITIES
 SANITATION DIVISION

UNDERGROUND TANKS

To CARL SJOBORG

Date 2/11/86

Firm Name TERRACO, INC.

File No. 5924-54

Location 5226 PALO CAMADO CYN ROAD

T.G. _____

Contact Name W. OLSEN

Title EXR. VP

Contractor REF AND ASSOCIATES

Phone No. (818) 768-6076

Installed _____ Tank(s)

Tank(s) Capacity 550 GALLONS

Removed 1 Tank(s)

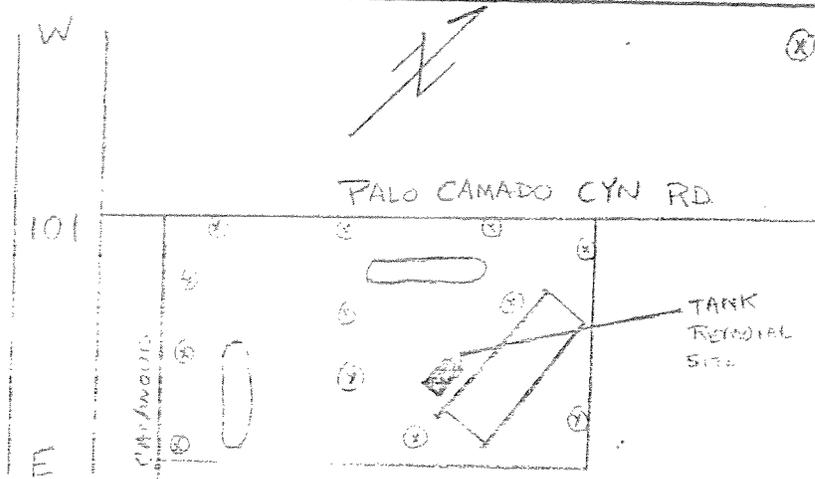
Tank Usage:

- Oil
- Gasoline
- Diesel
- Chemical
- I.W.
- Other

Monitoring System:

- Single Wall
- Secondary Containment
- Monitoring Wells
- Other

SKETCH:



(X) - MONITORING WELL 20'-24'
 DUE TO TANK FAILURE
 9 yrs AGO.

TANK = APPROX 10
 HOLES, ALSO A 12" x 16"
 HOLE ALONG S.E.
 EDGE OF TANK

Inspector Jack Macmillan

Tank(s) in Compliance

Date Inspected 2/11/86

Unauthorized Discharged

Notice Issued

**APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER-FACILITIES SANITATION DIVISION
550 SOUTH VERMONT LOS ANGELES, CALIFORNIA 90020**

OWNER:
NAME TEXACO, INC.
ADDRESS POST OFFICE BOX 3756 CITY LOS ANGELES STATE CA ZIP 90051

FACILITY:
NAME TEXACO SERVICE STATION
SITE ADDRESS 5226 PALO CAMADO CYN ROAD CITY AGOURA ZIP _____
MAILING ADDRESS SAME CITY _____ STATE _____ ZIP _____
CONTACT PERSON W. W. WAGNER TITLE FIELD MAINTENANCE SUPERVISOR PHONE 818 505 2477

CLOSURE REQUESTED:
 TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE _____
DATE OPERATION WILL RESUME _____
 PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION _____
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
 PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
(1)	STEEL	UNKNOWN	550GAL	WASTE OIL

HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE? YES NO
 HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS? YES NO
 WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE? YES NO
 WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED? YES NO
 NEW 550 D/W F/G WASTE OIL TANK TO BE INSTALLED SAME LOCATION
 IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE BY: [Signature] DATE 09 25 85
 OWNER OPERATOR CONTRACTOR R E F & ASSOCIATES
 STATE LICENCE NO. 327427

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED \$ 33.00
 PERMIT NO 00478 B
 FILE NO 0005924 R/C 54

[Signature] DATE 9-21-85
 TO ARRANGE FOR AN INSPECTION, TELEPHONE JOSEPH BANOLO (805) 253-7287

SITE: HEXACO
 5226 PALO CAMADO CYN ROAD
 AGOURA, CALIFORNIA

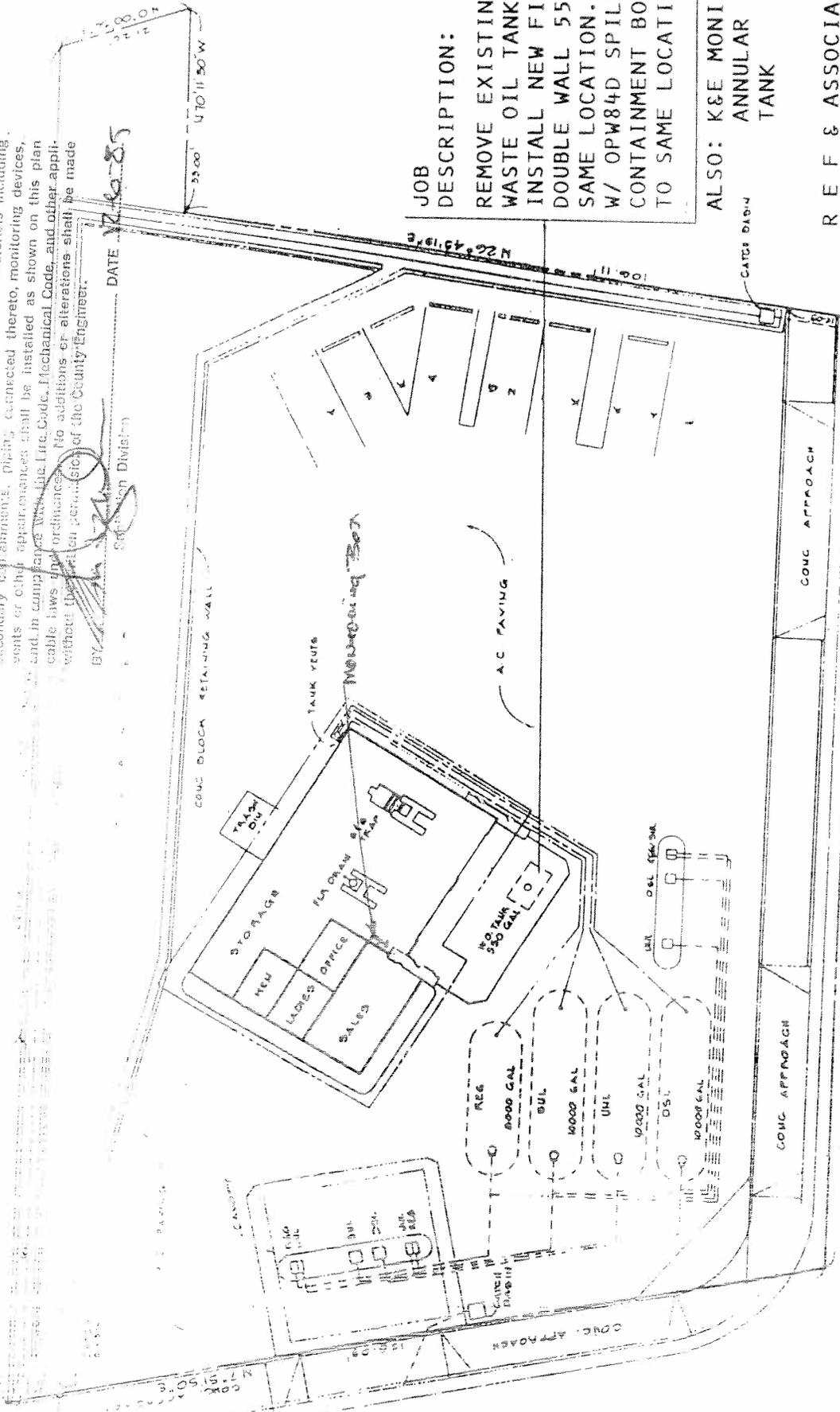
LOS ANGELES COUNTY
 DEPT. OF COUNTY ENGINEER-FACILITIES
 SANITATION DIVISION

CLEARANCE

FOR UNDERGROUND STORAGE OF HAZARDOUS MATERIALS

Facilities for the underground storage of hazardous materials including secondary explanations, piping connected thereto, monitoring devices, vents or other appliances shall be installed as shown on this plan and in compliance with the Life Code, Mechanical Code, and other applicable laws and ordinances. No additions or alterations shall be made without the written permission of the County Engineer.

BY: [Signature] Sanitation Division
 DATE: 12-2-85



JOB DESCRIPTION:
 REMOVE EXISTING 550 WASTE OIL TANK.
 INSTALL NEW FIBERGLASS DOUBLE WALL 550 GAL TANK SAME LOCATION.
 W/ OPW84D SPILL CONTAINMENT BOX. 2 VENTS TO SAME LOCATION.

ALSO: K&E MONITOR PROBE T ANNULAR SPACE OF TANK

R E F & ASSOCIATES
 8980 GLENOAKS BOULEVARD
 SUN VALLEY, CALIFORNIA

154.80
 47' 11 50" W
HEXACO
 5226 PALO CAMADO CYN ROAD



Texaco Refining
and Marketing Inc

10 Universal City Plaza
Universal City CA 91608

February 25, 1994

ENV - SERVICE STATION

Fourth-Quarter 1993 Ground-Water Monitoring Report
Verification of Future Assessment/Remediation
5226 Palo Comado Road
Agoura Hills, CA

Mr. Tom Lawrence
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

RECEIVED

FEB 28 1994

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Dear Mr. Lawrence:

Enclosed for your review are two copies of the Fourth-Quarter 1993
Ground-Water Monitoring Report for the above site (LACDPW File #I-
5924).

Due to permit and scheduling conflicts, installation of Wells W-18
& 19, as approved in your December 9, 1993 letter, has not yet
occurred. Texaco is therefor requesting an extension of the March
14, 1994 Site Assessment Report deadline for this work.

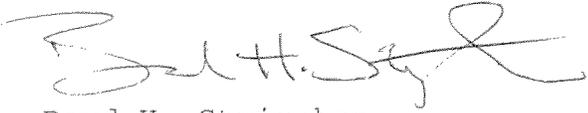
Your letter also states that "the proposed soil sampling will not
address the layer of contamination that appears to exist beneath
the first occurrence of groundwater." Considering ground water
exists at approximately 8 feet below ground surface (bgs), and the
proposed wells will be drilled to 30 feet bgs, Texaco contends that
soil sampling at 5-foot intervals (as stipulated in your letter)
will be sufficient for soil characterization of this lower "layer."

Finally, a "Remedial Action Proposal for the shallow contaminant
zone and a Site Assessment Proposal for the deeper contaminant
zone" was also requested in your letter. Texaco believes these
proposals to be premature for two reasons: 1) The soil and ground-
water hydrocarbon plumes are not yet fully assessed west and
southwest of the site. 2) Research of LACDPW files has revealed
hydrocarbon releases at the Chevron station west of the Texaco site
(enclosed documents). Information gathered indicates TPH soil
concentrations as high as 9200 ppm at the Chevron site with no
further subsurface investigation being conducted to date. Given
the general ground-water flow direction for this area, the
analytical results of soil and ground-water samples collected from
Well W-17, and the proximity of the Chevron station to the Texaco
site, Texaco cannot rule out the fact that the documented
hydrocarbon releases on the Chevron property may be contributing to
the overall subsurface contaminants.

Mr. Tom Lawrence
Page 2
February 25, 1994

If you have any questions or require additional information, please contact me at (818) 505-2706.

Sincerely,

A handwritten signature in black ink, appearing to read "Boyd H. Stringham". The signature is fluid and cursive, with a large initial "B" and a long, sweeping underline.

Boyd H. Stringham
Environmental Geologist
Texaco Environmental Services

BHS:bhs
w:\bhs\sites\agoura\lacdpw9

Enclosures (3)

PR: YAG

Karen	required	Chevion	to	install	'Groundwater	wells	on	10-28-92
Patrick	"	"	"	"	"	"	"	4-20-93
Vashe	"	"	"	"	"	"	"	7-22-93

Each time they responded by saying that the site does not warrant groundwater assessment.

∴ Closure of report submitted on 3-12-92 should not be finalized until Ground water monitoring wells are established.

V. X.

9-14-93

SITE ASSESSMENT REPORT

Texaco Service Station
5226 Palo Comado Canyon Road
Agoura Hills, California
LACDPW File No. I-588

5924

Prepared For:
Texaco Environmental Services
10 Universal City Plaza
Universal City, California 91608-7812
(818) 505-2706
TES Job No. FBHS0290

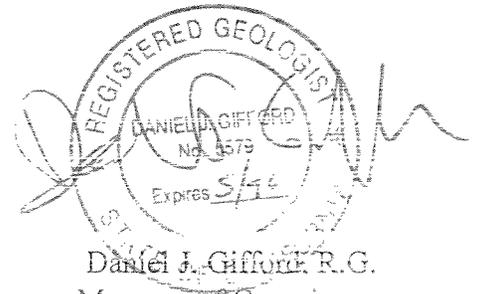
ENV America Project No. TEX-01-F004

Prepared by:
ENV America Incorporated
16 Technology, Suite 154
Irvine, California 92718
714-453-9191
FAX 714-453-9292

The following ENV America professionals were responsible for all work associated with this project within the purview of the Professional Engineers and Registered Geologist Acts of the California Code of Regulations.



S. Sean Shuhin, P.E.
Principal
P.E. No. C 042940



Daniel J. Gifford, R.G.
Manager of Geoscience
R.G. No. 5579

August 10, 1994

TABLE OF CONTENTS

1.0 INTRODUCTION	1
2.0 BACKGROUND INFORMATION	2
3.0 GEOLOGY AND HYDROGEOLOGY	4
3.1 Geology	4
3.2 Hydrogeology	5
3.2.1 Areal Hydrogeology	5
3.2.2 Site Hydrogeology	5
4.0 FIELD INVESTIGATION	7
4.1 Introduction	7
4.2 Borehole Installation	7
4.3 Soil Sampling	8
4.4 Decontamination	8
4.5 Field Screening	8
4.6 Well Completion	8
4.7 Surveying	9
4.8 Waste Materials	9
5.0 LABORATORY TESTING	10
6.0 CONCLUSIONS	11
7.0 RECOMMENDATIONS	13
8.0 LIMITATIONS	14
9.0 REFERENCES CITED	15

LIST OF FIGURES, TABLES AND EXHIBITS

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Geologic Site Plan
Figure 4	Geologic Cross-Sections
Figure 5	Groundwater Contour Map
Table 5-1	Summary of Analytical Results
Exhibit A	Excerpts from Initial Investigation (TES, 1991)
Exhibit B	Historical Groundwater Data (GeoResearch, 1994)
Exhibit C	Groundwater Monitoring Well Permits
Exhibit D	Encroachment Permits
Exhibit E	Boring Logs/Well Construction Details
Exhibit F	Well Survey Sheet
Exhibit G	Soil/Water Disposal Manifests
Exhibit H	Laboratory Reports and Chain of Custody Records

1.0 INTRODUCTION

This report presents the results of additional off-site site assessment activities for the Texaco service station located at 5226 Palo Comado Canyon Road in Agoura Hills, California. The subject station is situated on the northeast corner of Palo Comado Canyon Road and Canwood Road, approximately 250 feet north of the Ventura Freeway (HWY 101). A Chevron service station is located west of the site, across Palo Comado Canyon Road. The site location is depicted on Figure 1. The subject service station is active and occupied by a station office, an automotive-service garage, and two pump islands (Figure 2).

The scope of services provided as part of this investigation included permitting, drilling and soil sampling, installation of two off-site groundwater monitoring wells, laboratory analysis of soil samples, review of available documents, geologic and engineering evaluation, and preparation of this report. The following services were directly contracted by TES: drilling services by H-F Drilling of Orange, California; analytical laboratory testing of soil samples by BC Analytical of Anaheim, California; soil/water transportation and disposal services by Belshire Environmental Services of El Toro, California; soil recycling services by TPS Technologies of Adelanto, California; and recycling of rinsate and well development water at the Demenno Kerdoon facility in Compton, California.

The purposes of this investigation were to:

- 1) Further define the extent of petroleum hydrocarbon-impacted soil/rock.
- 2) Further define subsurface structure.
- 3) Provide additional wells to more accurately determine groundwater flow characteristics.

This report was prepared concurrently with a forensic environmental evaluation report (ENV America, 1994). The forensic investigation was conducted to evaluate the nature of petroleum hydrocarbons detected in soil and groundwater at the subject site.

This report was prepared in substantial accordance with the Los Angeles County Department of Public Works (LACDPW) "Draft Guidelines for Report Submittals," dated March 1991 (revised March 1993).

2.0 BACKGROUND INFORMATION

The subject service station was originally constructed in 1966, reportedly from undeveloped vacant land. A release of petroleum hydrocarbons was detected in 1990 during replacement of product piping and dispensers. To investigate the extent of the release, 10 soil borings were installed and four pre-existing groundwater monitoring wells were purged and sampled. Eleven groundwater monitoring wells were present at the site prior to installation of the 10 borings; the nature of well installation was unavailable from Texaco or from the Los Angeles County Department of Health Services (LACDHS). The investigation concluded that the release was confined to an area around each dispenser island and that groundwater flow was to the west-southwest (TES, 1991). Excerpts from the report of this investigation, showing the extent of impacted soil, are attached as Exhibit A.

Two wells (W-2 and W-11) were purged and sampled in May 1992. Laboratory results indicated low concentrations of total petroleum hydrocarbons as volatiles (TPH-V), total recoverable petroleum hydrocarbons (TRPH) and benzene, toluene, ethylbenzene and xylenes (BTEX) in groundwater samples from wells W-2 and W-11, respectively (TES, May 1992).

In July 1992, three additional groundwater monitoring wells (W-12, W-13 and W-14) were installed, and one other well (W-2) was abandoned. TPH-V, TPH as extractables (TPH-E) and BTEX were detected at low concentrations in soil samples from each new well (TES, July 1992).

Four wells (W-11, W-12, W-13 and W-14) were purged and sampled in August 1992. TPH-V and BTEX were detected at low concentrations in W-11 and W-12. Low concentrations of TPH-V, TPH-E and BTEX were detected in W-13. A north-northwesterly groundwater flow direction was estimated (TES, August, 1992).

Three wells (W-12, W-13 and W-14) were purged and sampled in March 1993. Benzene and ethylbenzene were detected at low concentrations in W-12. TPH as gasoline (TPH-G), TPH as diesel (TPH-D), benzene, ethylbenzene and xylenes were detected at low concentrations in W-13. TPH-G, benzene, ethylbenzene and xylenes were detected at low concentrations in W-14. A northerly groundwater flow direction was estimated (GeoResearch, 1993).

In May 1993, one on-site well (W-15) and two off-site wells (W-16 and W-17) were installed by ENV America. TPH-D-impacted bedrock was detected at low concentrations in all three boreholes (ENV America, 1993).

In August 1993, five on-site wells (W-11, W-12, W-13, W-14 and W-15) and two off-site wells (W-16 and W-17) were purged and sampled. The results indicated TPH-G-impacted groundwater in two on-site wells (W-12 and W-13) and one off-site well (W-17). TRPH-impacted groundwater was detected in three on-site wells (W-11, W-12 and W-13) and one off-site well (W-17). All analytes were reported at relatively low levels. A north-northwesterly groundwater flow was estimated (GeoResearch, 1994).

In November 1993, the same five on-site wells and two off-site wells were purged and sampled. The results indicated TPH-G-impacted groundwater in four on-site wells (W-12, W-13, W-14 and W-15) and one off-site well (W-17). The detected TPH-G concentrations ranged from 0.12 milligrams per liter (mg/l) in W-15 to 1.7 mg/l in W-13. TRPH-impacted groundwater was detected in four on-site wells (W-11, W-12, W-14 and W-15) and both off-site wells (W-16 and W-17). Detected TRPH concentrations ranged from 0.23 mg/l in upgradient well W-11 to 0.36 mg/l in downgradient well W-14. TPH-D-impacted groundwater was detected in only one on-site well (W-13) at a concentration of 0.91 mg/l. A north-northwesterly groundwater flow was estimated. Groundwater in well W-17 was 10.45 feet deeper than the previous quarter (GeoResearch, 1994). Analytical data from historical groundwater sampling is included in Exhibit B. It should be noted that concentrations reported in Exhibit B are in micrograms per liter ($\mu\text{g/l}$).



Cal/EPA

**Los Angeles
Regional Water
Quality Control
Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

005714-005924



Pete Wilson
Governor

December 3, 1996

Ms. Marcel L. Bouchez
Texaco Refining & Marketing Inc.
10 Universal City Plaza
Universal City, CA 91608

**UNDERGROUND STORAGE TANK CASE CLOSURE
TEXACO SERVICE STATION
5226 PALO COMADO ROAD, AGOURA HILLS (I-05924)**

Dear Ms. Marcel L. Bouchez,

This letter confirms the completion of the site investigation and remedial action for the underground storage tanks, formerly located at the above-described location.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action is required related to the release from underground gasoline storage tanks. This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Because this site is being used as an active service station and/or methyl tertiary butyl ether are present in groundwater underlying the site, you may decide to retain all or some of the existing groundwater monitoring wells for future monitoring purposes. However, If you choose to abandon the existing groundwater monitoring wells or vapor extraction wells at the subject property, you must comply with the following:

1. All wells to be abandoned must be properly located.
2. Well abandonment permits must be obtained from Los Angeles County Department of Health Services (LACDHS), Water Well Permits, and all other necessary permits must be obtained from the appropriate agencies prior to the start of work. Any wells not abandoned must be maintained in accordance with LACDHS requirements.
3. You must submit a report on the abandonment of the wells to this office by February 10, 1997. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits. For wells not abandoned, please provide the rationale for keeping the wells in place.

Please contact Dr. Kwang Lee at (213) 266-7563, if you have any questions regarding this matter.

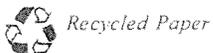
Sincerely,

ROBERT P. GHIRELLI, D. Env.
Executive Officer

ROY R. SAKAIDA
Supervising Water Resources Control Engineer
Underground Tanks Section

0182371

L 33892



Ms. marcel L. Bouchez
December 3, 1996
Page Two

cc: Mr. Dave Deaner, State Water Resources Control Board, Underground Storage Tank
Cleanup Fund
✓ Mr. Carl Sjoberg, Los Angeles County Department of Public Works, Environmental
Programs Division
Mr. Norm Groom, Los Angeles County Department of Health Services, Water Well
Permits
Mr. Bradford S. Newman, Trak Environmental Group





Texaco Refining
and Marketing Inc

10 Universal City Plaza
Universal City CA 91608

January 24, 1995

ENV - SERVICE STATION

Fourth Quarter 1994 Status Report
5226 Palo Comado Road
Agoura Hills, CA

RECEIVED

JAN 30 1995

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Mr. Tom Lawrence
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

Dear Mr. Lawrence:

Enclosed is a copy of the Fourth Quarter 1994 Status Report and accompanying documentation for the above site (LACDPW File #I-5924). Additionally, enclosed are the items you requested in the LACDPW letter dated December 19, 1994.

In the near future, a supplemental site characterization workplan to further delineate the gasoline and diesel plumes located at the subject site will be submitted to the LACDPW for approval.

Should you have any questions or need additional information, please contact me at (818) 505-2739.

Sincerely,

Marcel L. Bouchez

Marcel L. Bouchez
Project Coordinator
Texaco Environmental Services

I-5924 5924
Clid # 33892
ORPR - # 123097

MLB:lb
w:\mlb\agoura\5226sr94.4qt

Enclosures ---

PR: REP

A.A.

FOURTH QUARTER 1994 STATUS REPORT
5226 PALO COMADO ROAD
AGOURA HILLS, CA

OVERVIEW

Eleven ground-water monitoring wells of unknown origin and construction existed on-site prior to any investigative efforts by Texaco. All but one of these wells (W-11) were subsequently abandoned.

A release of petroleum hydrocarbons was encountered in 1990 during replacement of product piping and dispensers. Ten boreholes were completed in an effort to define the extent of the release. The investigation concluded that the release was confined to an area around each dispenser island.

Three on-site ground-water monitoring wells (W-12 through W-14) were installed during July 1992. Petroleum hydrocarbons were detected in soil samples collected from each well.

One additional on-site ground-water monitoring well (W-15) and two additional off-site ground-water monitoring wells (W-16 and W-17) were installed during May 1993. Total petroleum hydrocarbons (TPH) as diesel were detected in soil samples collected from each well.

Installation of two additional off-site wells (W-18 & W-19) were completed on March 17, 1994. As with soil sampling from other off-site well installations, petroleum-like constituents were detected in the soil at random concentrations and depths. Further, chemical analyses of samples indicates that the sample hydrocarbon characteristics were within the C7-C24 range, and do not match that of gasoline, diesel or waste oil (refer to BC Analytical Report of Analytical Results footnote, Exhibit H, Site Assessment Report).

Ground-water monitoring, sampling and analyses have been conducted quarterly at the site since May 1992. Ground-water flow has been determined to be in a westerly direction. Depth to ground water is approximately 8 feet below ground surface (bgs). Free-phase hydrocarbons have never been detected in any well. Dissolved-phase TPH as gasoline and diesel; total recoverable petroleum hydrocarbons (TRPH); and benzene, toluene, ethylbenzene, and xylenes (BTEX) have been detected primarily in the southwest corner of the site, and off site to the west.

RESULTS OF INVESTIGATION

On December 13, 1994, TRAK Environmental Group, Inc. conducted groundwater monitoring at the subject facility and the results are presented in the attached quarterly groundwater report dated January 9, 1995.

METHOD OF CLEANUP

In the near future, Texaco will submit a workplan to further delineate the hydrocarbon impacted soil to assist in evaluating what effective remediation system or technology can be proposed.

METHOD AND LOCATION OF DISPOSAL

Groundwater purged during the fourth quarter sampling event was transported to the Demenno Kerdoon facility for disposal under a TES signed non-hazardous manifest.

100564

SNW

(L)

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY

YES NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?

YES NO

FOR LOCAL AGENCY USE ONLY

I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.

REPORT DATE

01/24/91

CASE #

#5924

SIGNED

Carl W. Sjoberg

DATE

1/31/91

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT

Michael R. Norrell

PHONE

(818) 505-2726

SIGNATURE

REPRESENTING

OWNER/OPERATOR

REGIONAL BOARD

COMPANY OR AGENCY NAME

Texaco

LOCAL AGENCY OTHER

ADDRESS

10 UCP STREET

Universal City

STATE

CA

91608

RESPONSIBLE PARTY

NAME

Texaco

UNKNOWN

CONTACT PERSON

Mike Norrell

PHONE

(818) 505-2726

ADDRESS

10 UCP STREET

Universal City

STATE

CA

91608

SITE LOCATION

FACILITY NAME (IF APPLICABLE)

Texaco Service Station

OPERATOR

PHONE

()

ADDRESS

10 UCP STREET

Dona Camacho

Agoura

LA

COUNTY

ZIP

IMPLEMENTING AGENCIES

LOCAL AGENCY

AGENCY NAME

CONTACT PERSON

PHONE

LA County

DPW

Carl Sjoberg

(818) 458-3539

REGIONAL BOARD

PHONE

()

SUBSTANCES INVOLVED

(1)

NAME

QUANTITY LOST (GALLONS)

Gasoline

UNKNOWN

(2)

UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED

HOW DISCOVERED

INVENTORY CONTROL

SUBSURFACE MONITORING

NUISANCE CONDITIONS

01/24/91

TANK TEST

TANK REMOVAL

OTHER Product line removal/replace

DATE DISCHARGE BEGAN

UNKNOWN

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)

REMOVE CONTENTS

CLOSE TANK & REMOVE

REPAIR PIPING

REPAIR TANK

CLOSE TANK & FILL IN PLACE

CHANGE PROCEDURE

HAS DISCHARGE BEEN STOPPED?

YES

NO

IF YES, DATE

01/24/91

REPLACE TANK

OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE

TANK LEAK

UNKNOWN

OVERFILL

RUPTURE/FAILURE

SPILL

PIPE/VALVE LEAK

OTHER

CORROSION

UNKNOWN

OTHER

CASE TYPE

CHECK ONE ONLY

UNDETERMINED

SOIL ONLY

GROUNDWATER

DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY

NO ACTION TAKEN

PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED

POLLUTION CHARACTERIZATION

CLEANUP BEING CONFIRMED

PRELIMINARY SITE ASSESSMENT UNDERWAY

POST CLEANUP MONITORING IN PROGRESS

REMEDIATION PLAN

CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)

CLEANUP UNDERWAY

RECOMMENDED ACTION

CHECK ALL APPLICABLE

CAP SITE (CS)

EXCAVATE & DISPOSE (ED)

REMOVE FREE PRODUCT (FP)

ENHANCED BIO DEGRADATION (IB)

CONTAINMENT BARRIER (CB)

EXCAVATE & TREAT (ET)

PUMP & TREAT GROUNDWATER (GT)

REPLACE SUPPLY (RS)

VACUUM EXTRACT (VE)

NO ACTION REQUIRED (NA)

TREATMENT AT HOOKUP (HU)

VENT SOIL (VS)

OTHER (OT)

COMMENTS



APPLICATION FOR CLOSURE
 HAZARDOUS MATERIAL UNDERGROUND STORAGE TANKS
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 ENVIRONMENTAL PROGRAMS DIVISION
 900 SOUTH FREMONT AVENUE
 ALHAMBRA, CA 91803-1331
 (626) 458-3517

DPW USE ONLY

Ap# 400919
 Site File# 5714-26118 RC 54
 Fee \$ 600.00
 Check Cash

TANK OWNER: Contact Name: CONOCO PHILLIPS (TOSCO) Phone: (714) 992-0689
 Mailing Address: 3611 S HARBOR BL City: SANTA ANA State: CA Zip: 92704

FACILITY/SITE: Occupant Name: SHELL STATION Phone: (714) 992-0689
 Site Address: 5226 PALO CAMADO City: AGUORA HILLS State: CA Zip: 91301
 Mailing Address: 3611 S HARBOR BL City: SANTA ANA State: CA Zip: 92704
 Contact Person: GEORGINA PIHARIO Title: FRJ MGR

CONTRACTOR [] Contractor Name: _____ Phone: _____
 State License No.: _____ Class: _____
 Hazardous Substance Removal Certified YES [] NO []

OWNER/OPERATOR AS CONTRACTOR []

CLOSURE REQUESTED: Closure of tanks shall be in compliance with California Health and Safety Code Chapter 6.7, Section 25298, and California Code of Regulations Title 23, Division 3, Chapter 16, Sections 2670 through 2672.

- PERMANENT, TANK REMOVAL (See Section 2672(b))
 How many underground storage tanks will remain after this closure? _____
 PERMANENT, CLOSURE IN PLACE (See Section 2672(c)) - Attach Justification Statement
 TEMPORARY, (See Section 2671)
 Other: _____

PLOT PLAN ATTACHED [] Showing existing tanks product piping & dispenser locations. EXISTING HMUSP PERMIT NO.: 227530

TANK DESCRIPTION:

TANKS NO.	TANK ID NO. (DPW USE ONLY)	CAPACITY GALLONS	MATERIALS STORED (PAST/PRESENT)	CLOSURE APPLICATION FEE
1		8,000	PLWS	\$357.00
2		10,000	SUPER	438.00
3		10,000	UNLEADED	518.00
4		10,000	DIESEL	600.00
5		* 550	WASTE OIL	681.00
6 (+ ATTACH LIST)	* ADDED TO PERMIT 02/03/04			\$276.00 + \$81.00/PER TANK =

* Compliance with December 22, 1998 Standards (See 2A on back)

Has an unauthorized release ever occurred at this site? YES [] NO [X]
 Have structural repair ever been made to these tanks? YES [] NO [X]
 Will new underground tanks be installed after closure? YES [] NO [X]
 Will any wells, including monitoring wells, be abandoned? YES [] NO [X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH AND SAFETY CODE, FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature: Juan Sandoval Date: 12-23-03
 (Print Name) JUAN SANDOVAL Phone: 818 8423644
 Owner [] Operator [] Contractor []

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. ATTACHMENTS YES [X] NO []
 THIS AUTHORIZATION EXPIRES 06/23/04

JAMES A. NOYES
 Director of Public Works By: [Signature] Date: 12/23/03

CLOSURE PERMIT SUPPLEMENT
 HAZARDOUS MATERIALS UNDERGROUND STORAGE
 LOS ANGELES COUNTY
 DEPARTMENT OF PUBLIC WORKS
 WASTE MANAGEMENT DIVISION
 900 S. FREMONT AVENUE
 ALHAMBRA, CA 91803

Closure Permit
 No.: 400919 B
 File No.
 I- 5714-26118

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.
2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
<u>1A-4B</u>	<u>2-4' below tank</u>	<u>TPHs & TPHd</u>	<u>8015 (M)</u>
	<u>invert</u>	<u>RTEX, MTBE</u>	<u>8260 B</u>
		<u>fuel oxygenates</u>	<u>8260 B</u>
	<u>1 sample 2-4'</u>	<u>"</u>	<u>"</u>
	<u>below each</u>	<u>"</u>	<u>"</u>
	<u>dispenser</u>	<u>"</u>	<u>"</u>
	<u>1 sample 2-4'</u>	<u>"</u>	<u>"</u>
	<u>below every 30'</u>	<u>"</u>	<u>"</u>
	<u>of piping</u>	<u>"</u>	<u>"</u>
<u>5</u>	<u>2-4' below tank</u>	<u>TPHs, TPHd</u>	<u>8015 (M)</u>
	<u>air control</u>	<u>fuel oxygenates</u>	<u>8260 B</u>
		<u>RTEX, MTBE</u>	
	<u>every 20' of piping</u>	<u>TPH, organic lead</u>	<u>418.1, DCHS method, respectively</u>
<u>EPA Method 801.5 shall be used for soil</u>			
<u>sample collection, preservation & preservation</u>			

DIRECTIONAL ARROW GRAPHIC SCALE

SCORE OF WORK

1. REMOVE EXISTING INTERFERING ITEMS & TO BE BY CITY
2. REMOVE ALL EXISTING CURBS AND INTERLOCKING CURBS, MARKING
3. REMOVE ALL EXISTING SIGNAGE

1. REMOVE EXISTING INTERFERING ITEMS & TO BE BY CITY
 2. REMOVE ALL EXISTING CURBS AND INTERLOCKING CURBS, MARKING
 3. REMOVE ALL EXISTING SIGNAGE

SITE INFORMATION

OWNER: SHELL OIL PRODUCTS CORPORATION, OAKLAND, CA 94612
 PROJECT: GEORGIA DATA A
 ADDRESS: 2052 20th ST, OAKLAND, CA 94612

ENGINEER: A&S
 DATE: 11/20/02

TOTAL LOT AREA	N/A	10,000 SQ FT
SEWER CENTER	8'-0" X 27'-0"	20544.4
SEWER SLOPE	24'-0" X 78'-0"	0.004
SEWER	24'-0" X 78'-0"	2.0
LANDSCAPING	N/A	2.5
CONSTRUCTION VEE V-H	1 - 19'11" SPACES	4.119

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHKD
1	11/20/02	ISSUE FOR PERMITS	AS	AS

APPROVALS

DESIGNER: _____
 CHECKED: _____
 DATE: _____

CONTRACTOR'S CONTACT INFORMATION

CONTRACTOR'S CONTACT: A & S ENGINEERING
 1-800-422-4333
 205 W. ALAMOSA AVE. SUITE 205, OAKLAND, CA 94612
 TEL: 510/763-1100
 FAX: 510/763-1101

PLANS PREPARED BY:
 A & S ENGINEERING
 PLANNING ENGINEER: CONSTRUCTION MANAGER
 205 W. ALAMOSA AVE. SUITE 205, OAKLAND, CA 94612
 TEL: 510/763-1100
 FAX: 510/763-1101

DEMO PLAN

5226 PALO CAMARO & LANWOOD STREET
 OAKLAND, CA 94612

SCALE: 1/8" = 1'-0"
 DATE: 11/20/02
 DRAWING NO: DWG 02
 SHEET NO: 1 OF 1

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LNG/OLSR

(12)

5714-26118



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Consultants, Inc.

Solving environment-related business problems worldwide

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911 South Primrose Avenue • Suite K
Monrovia, California 91016 USA

626.256.6662 800.477.7411
Fax 626.256.6263

March 10, 2004
DELTA Project No. PA5226P

Mr. Tim Smith
Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue
Alhambra, CA 91803

RECEIVED

MAR 2004

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

Re: Underground Storage Tank Closure Report and Limited Over-Excavation Results
Inactive Shell Service Station
5226 Palo Camado Canyon Road
Agoura Hills, California

CY 000117

Dear Mr. Smith:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (SHELL), Delta Environmental Management, Inc. (DELTA) submits this report summarizing soil sampling activities conducted during the removal of underground storage tanks (USTs), product dispensers, product piping, clarifier, hydraulic hoist and waste oil tank at the above-referenced site (Figure 1). The purpose of this work was to collect and analyze soil samples as required by the Los Angeles County Department of Public Works (LACDPW). This report also presents results of limited over-excavation activities that addressed hydrocarbon-impacted soil at the site.

BACKGROUND

SITE DESCRIPTION

The site is an inactive SHELL service station located on the northeast corner of the intersection of Palo Camado Canyon Road and Canwood Road, approximately 250 feet north of the Ventura Freeway (Highway 101) in Agoura Hills, California. The site is approximately 120 feet by 180 feet in dimension and had three 10,000-gallon underground storage tanks (USTs) and one 8,000-gallon UST, four fuel dispensers, one 550-gallon waste oil tank, one clarifier, one hydraulic hoist and a service building/food mart. Figure 2 illustrates the approximate layout of the service station. The site is at an elevation of approximately 933 feet above mean sea level at the southwest end of a relatively small knoll. The site topography is relatively flat.

A 0100919



PREVIOUS WORK

In order to obtain a preliminary evaluation of subsurface conditions, on January 26, 2004, Blaine Tech Services, Inc. (BTS) developed nine groundwater wells located both onsite and on Palo Camado Canyon Road adjacent to the west side of the site. BTS collected groundwater samples from each of the nine wells for chemical analyses on January 30, 2004. As shown by the data presented in Table 1 of Appendix A, total petroleum hydrocarbons as gasoline (TPH-g) was detected in three of the five onsite wells and one of the four offsite wells with maximum detected concentrations of 4,200 micrograms per liter ($\mu\text{g/L}$) and 160 $\mu\text{g/L}$, respectively. Benzene was only detected in two of the onsite wells with a maximum concentration of 110 $\mu\text{g/L}$. Toluene was detected in one well with a concentration of 1.3 $\mu\text{g/L}$. Methyl tert-butyl ether (MTBE) was detected in four of the five onsite wells and three of the four offsite wells with maximum detected concentrations of 45,000 $\mu\text{g/L}$ and 210 $\mu\text{g/L}$, respectively. Tert-butyl alcohol (TBA) was detected in three of the five onsite wells and one offsite wells with maximum detected concentrations of 25,000 $\mu\text{g/L}$ and 220 $\mu\text{g/L}$, respectively. Tert-amyl methyl ether (TAME) was detected in three of the five onsite wells with a maximum detected concentration of 17 $\mu\text{g/L}$. Ethyl-benzene, total xylenes, di-isopropyl ether (DIPE), ethyl-tert butyl ether (ETBE) and ethanol were not detected above the laboratory reporting limits.

As a result of these identified impacts, an Unauthorized Release Report (URR) dated February 4, 2004, was previously submitted and is included as Appendix B for your reference.

PERMITTING ACTIVITIES

Prior to the tank removal, SHELL's general contractor, L&M Loader Service (L&M), obtained the necessary permits from the LACDPW. A copy of the UST Removal Permit is provided as Appendix C.

FIELD ACTIVITIES

RULE 1166 MONITORING

Soil was monitored for volatile organic compounds (VOCs), pursuant to South Coast Air Quality Management District (SCAQMD) Rule 1166, using a photoionization detector – organic vapor analyzer (PID-OVA) calibrated to 100 parts per million by volume (ppmv) isobutylene, and converted to hexane. Soil monitoring was conducted by measuring VOCs at a distance of no more than 3 inches from the soil using the PID-OVA.

Excavated pea-gravel was monitored during the uncovering and removal of the USTs, dispensers, product piping, hydraulic hoist and clarifier on February 5, 6 and 8, 2004. The soil was also monitored with the PID-OVA during loading of pea-gravel into trucks for offsite disposal, on February 20, 2004. Prior to initiating excavation activities, L&M obtained reference number 67330 from the SCAQMD (L&M various locations company ID# 136143 and A/N 414077). VOC concentrations from the excavated pea-gravel ranged from 0.0 to 151.8 ppmv. The highest VOC concentration was reported to the SCAQMD on February 5, 2004. The SCAQMD then issued new reference number 67994. Excavated pea-gravel was covered with visqueen and was stockpiled on-site pending analytical results. Excavated soil was later loaded directly into trucks and hauled off-site for disposal. VOC measurements were recorded on SCAQMD soil monitoring sheets. Copies of these sheets and the Rule 1166 permit are included as Appendix D.

Excavated soil from the UST pit, waste oil tank, clarifier and dispenser areas during limited over-excavation activities was removed from the site on March 3, 4 and 9, 2004. Excavated soil was monitored for VOC concentrations with the PID-OVA during the over-excavation activities and temporarily stockpiled onsite before being loaded and hauled off-site for disposal. Copies of the monitoring sheets are available in Appendix D.

USTs, DISPENSERS AND PIPING REMOVAL

On February 5, 6 and 9, 2004, L&M uncovered two 10,000-gallon and one 8,000-gallon gasoline USTs, one 10,000-gallon diesel UST, one 550-gallon waste oil UST, one hydraulic hoist and one clarifier. The empty USTs were rinsed, degassed, removed from the ground, and transported off-site for disposal on February 10, 2004. The following documents pertaining to the removal and disposal of the USTs are included in Appendix E:

Uniform Hazardous Waste Manifests for UST Transport

Uniform Hazardous Waste Manifests for UST Rinseate

The USTs were removed under the observation of Inspector John Quiroz of the County of Los Angeles Fire Department. The former locations of the USTs, dispensers, piping, clarifier and hydraulic hoist are shown on Figure 2.

SOIL SAMPLING

DELTA collected soil samples beneath the former USTs, product dispensers, associated product piping, hydraulic hoist and clarifier on February 10, 2004 as specified by the LACDPW permit and Inspector Quiroz.

A total of 20 soil samples were initially collected from beneath the USTs, dispensers associated piping, hydraulic hoist and clarifier for laboratory analysis. Eight soil samples were collected beneath the former gasoline and diesel USTs at approximately 14 feet below ground surface (bgs); eight soil samples were collected beneath, or in the immediate vicinity of, the former dispensers at depths of approximately 2 and 4 feet bgs; one soil sample was collected beneath the former product piping at a depth of approximately 4 feet bgs; one soil sample was collected beneath the former hydraulic hoist at a depth of approximately 9 feet bgs; one soil sample was collected beneath the former clarifier at a depth of approximately 8 feet bgs and one soil sample was collected beneath the former waste oil UST at a depth of approximately 10 feet bgs.

Soil samples were collected using an excavator and/or backhoe bucket, prepared per Environmental Protection Agency (EPA) Method 5035 with the use of Encore™ 5-gram sleeves, and placed in glass jars, sealed with Teflon-lined lids, labeled, and stored on ice for transport, under chain-of-custody documentation, to Calscience Environmental Laboratories, Inc. (CEL), in Garden Grove, a State-certified laboratory.

A summary of soil analytical results is included as Table 1 and laboratory analytical results are provided as Appendix b. Sample locations and designations are presented in Figure 2.

LIMITED OVER-EXCAVATION ACTIVITIES

Based on the TPH-g, MTBE and TBA concentrations detected beneath the USTs, dispensers, waste oil tank and clarifier, as described below, soil over-excavation was conducted at these locations.

TPH-g, MTBE and TBA were initially detected at eight locations beneath the former USTs. The highest TPH-g concentration was detected in soil sample T-4Bd14 at a concentration of 180.0 milligrams per kilogram (mg/kg). MTBE was detected in soil beneath the former USTs with a maximum concentration at 12.0 mg/kg (T-2Ad14). TBA was detected in soil beneath the USTs with a maximum concentration at 7.3 mg/kg (T-1Bd14) (Figure 3).

The maximum concentration of TPH-g detected from initial soil sampling analysis beneath the four former dispenser areas was 11,000 mg/kg (D-3d2). MTBE was not detected above the laboratory reporting limits in soil samples analyzed from beneath the former dispensers. TBA was detected in one soil sample from beneath the former dispensers at a concentration of 0.031 mg/kg (D-2d4).

Initial soil sampling and analysis from beneath the former waste oil tank found a concentration of MTBE at 0.059 mg/kg, and TBA at 1.9 mg/kg. TPH-g was not detected above the laboratory reporting limit.

Initial soil sampling and analysis from one soil sample beneath the former clarifier revealed concentrations of MTBE at 0.0039 mg/kg and TBA at 0.044 mg/kg. TPH-g was not detected above the laboratory reporting limit.

The UST pit was shored along its south side prior to over-excavation activities. On March 3 and 4, 2004 L&M conducted over-excavation activities within the UST pit, beneath the waste oil tank, three dispenser locations (D-2, D-3, and D-4), and clarifier [Figure 2]. Approximately a total of approximately 100 cubic yards (cy) of soil was removed from these locations. The excavated soil was loaded on March 4 and 9, 2004, into trucks for off-site disposal. Using an excavator bucket, eight confirmation soil samples were collected from the bottom of the UST pit at approximately 19 feet bgs (Table 1 and Figure 3).

LABORATORY ANALYSES

Soil samples collected during site activities were submitted to CEL. All soil samples were analyzed for TPH-g and TPH-d by the DHS LUFT Method (Equivalent to EPA Method 8015 Modified); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); MTBE, TBA, di-isopropyl ether (DIPE), ETBE, TAME, and ethanol by EPA Method 8260B. Selected soil samples were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) using EPA Method 418.1. A summary of the soil analytical results is included in Table 1. Certified analytical reports and chain-of-custody documentation are included as Appendix F.

UST RINSEATE, UST DESTRUCTION, AND HYDROCARBON-IMPACTED SOIL

On February 9, 2004 the UST rinseate was transported by Adams Services, Inc. (Adams) to DeMenno Kerdoon of Compton, California. The manifest is included in Appendix E.

The USTs were removed from the site on February 10, 2004 and transported by Adams to Ecology Control Industries (ECI) in Fontana, California for destruction. The manifests are included in Appendix E.

Approximately 305 cubic yards of pea-gravel was initially excavated during uncovering of the USTs, piping and product dispensers on February 5, 6 and 9, 2004. The excavated pea-gravel was transported off-site for disposal on February 20 and 27, 2004 to TPS Technologies in Adelanto, California under the direction of L&M. The soil transport manifests are presented in Appendix G.

Approximately 100 cubic yards of hydrocarbon-impacted soil was generated during limited over-excavation activities. The soil was transported off-site on March 4 and 9, 2004 to TPS Technologies in Adelanto, California under the direction of L&M for disposal.

GROUNDWATER INFORMATION

Groundwater was encountered at the bottom of the UST pit at approximately 12 below ground surface during the UST removal activities. Several onsite groundwater wells were gauged the day of the UST removal activities. The depth to water in the well closest to the UST pit, from the top of well casing, was measured at approximately 12.5 feet bgs. In addition, on February 25, 2004, rain water generated from several storms accumulated at the bottom of the UST pit. The UST pit was subsequently dewatered in order to conduct over-excavation activities, and approximately 30,000 gallons of water was removed from the UST pit between February 27 and March 1, 2004, and stored temporarily in a Baker tank or pumped directly into pump trucks, for proper off-site disposal.

ANALYTICAL RESULTS - UST CLOSURE ACTIVITIES

Former Gasoline and Diesel Fuel UST Area. TPH-g was detected in all eight soil samples at concentrations ranging from 0.30 mg/kg to 180.0 mg/kg (T-4Bd14). TPH-d was detected in one soil sample at a concentration of 29 mg/kg (T-4Bd14). Benzene was detected in five soil samples collected beneath the former USTs at concentrations ranging from non-detect above the laboratory reporting limits to 0.11 mg/kg (T-2Ab14). MTBE was detected in all eight soil samples at concentrations ranging from 0.64 mg/kg to 12 mg/kg (T-2Ad14). TBA was detected in seven soil samples at concentrations ranging from non-detect above the laboratory reporting limits to 7.3 mg/kg (T-1Bd14). DIPE was detected in one soil sample at 0.00094 mg/kg (T-3Ad14). Ethanol was detected in one soil sample at 1.0 mg/kg (T-3Bd14). ETBE and TAME were not detected above the laboratory reporting limits in soil samples collected beneath the former USTs. Soil analytical results are summarized in Table 1 and displayed on a hydrocarbon concentration map (Figure 3).

Former Dispenser Areas. TPH-g was detected in five soil samples collected beneath the former dispensers with a maximum detected concentration of 11,000 mg/kg (D3-d2). Benzene was detected in three soil samples collected, with a maximum concentration of 60 mg/kg (D3-d2). MTBE was not detected in any soil sample collected beneath the dispensers. TBA was detected in one soil sample with a concentration of 0.031 mg/kg (D2-d4). Ethanol was detected in one soil sample collected beneath the dispenser with a concentration of 76 mg/kg (D-3d4). DIPE, TAME and ETBE were not detected in the soil samples collected beneath the former dispensers (Table 1 and Figure 3).

Former Product Piping Areas. TPH-g was not detected above the laboratory reporting limit in the one soil sample collected beneath the former product piping. Benzene was detected with a concentration of 0.0018 mg/kg (P1-d4). MTBE and TBA were not detected above the laboratory reporting limit in the soil sample collected. DIPE was detected at a concentration of 0.0015 mg/kg. Total Recoverable Petroleum Hydrocarbons (TRPH) was detected in the one soil sample at a concentration of 0.0026 mg/kg. ETBE, TAME and ethanol were not detected in the former product piping soil sample (Table 1 and Figure 3).

Former Waste Oil Tank. TPH-g and benzene were not detected above the laboratory reporting limit in the one soil sample collected beneath the former waste oil tank. MTBE and TBA were detected at concentrations of 0.059 mg/kg and 1.9 mg/kg, respectively. DIPE, ETBE, TAME and ethanol were not detected in the soil sample collected beneath the former product piping (Table 1 and Figure 3).

Former Hydraulic Hoist. TPH-g and benzene were not detected above the laboratory reporting limit in the one soil sample collected beneath the former waste oil tank. TRPH was detected in the one soil sample at a concentration of 25 mg/kg. MTBE, TBA, DIPE, ETBE, TAME and ethanol were not detected in the former product piping soil sample (Table 1 and Figure 3).

Former Clarifier. TPH-g and benzene were not detected above the laboratory reporting limits in the one soil sample collected beneath the former waste oil tank. MTBE and TBA were detected in the one soil sample collected beneath the former clarifier at concentrations of 0.0039 mg/kg and 0.044 mg/kg, respectively. TRPH was detected in the one soil sample at a concentration of 19 mg/kg. DIPE, TBE, TAME and ethanol were not detected in the former product piping soil sample (Table 1 and Figure 3).

ANALYTICAL RESULTS - LIMITED OVER-EXCAVATION ACTIVITIES

On March 3 and 4, 2004 I&M and DELTA performed limited over-excavation activities at selected areas of the site to address hydrocarbon-impacted soil.

Former Gasoline and Diesel Fuel UST Area. Eight confirmation samples were collected from the bottom of the over-excavated area of UST pit, at approximately 19 feet bgs. TPH-g was detected in one sample with a concentration of 0.63 mg/kg (T-2Bd19). Benzene was detected in one sample with a concentration of 0.0028 mg/kg (T-3Ad19). MTBE was detected in all eight soil samples with a maximum concentration at 9.2 mg/kg (T-3Bd19). TBA was detected in five soil samples with a maximum concentration of 14 mg/kg (T-1Bd19). DIPE, TAME, ETBE and ethanol were not detected in any of the confirmation soil samples (Table 1 and Figure 3).

Former Dispenser Areas. TPH-g and benzene were detected in two soil samples collected beneath the former dispensers with a maximum concentration of 38 mg/kg (D4-d8). MTBE was detected in two soil samples collected beneath the dispensers with a maximum concentration of 0.36 mg/kg (D-4d8). TBA was detected in one soil sample at a concentration of 0.22 mg/kg (D-4d8). DIPE, TAME, ETBE and ethanol were not detected in the former dispenser soil samples (Table 1 and Figure 3).

Former Waste Oil Tank. TPH-g and benzene were not detected above the laboratory reporting limit in the one soil sample collected beneath the former waste oil tank during the over-excavation activities. MTBE was detected in the one soil sample at a concentration of 0.029 mg/kg. TBA, DIPE, TBE, TAME and ethanol were not detected in the former product piping over-excavation confirmation soil sample (Table 1 and Figure 3).

Former Clarifier. TPH-g, benzene, MTBE, TBA, DIPE, TBE, TAME and ethanol were not detected in the one soil sample beneath the former clarifier during over-excavation activities (Table 1 and Figure 3).

CONCLUSIONS

The USTs, dispensers, associated product piping, clarifier and hydraulic hoist were properly removed and disposed of as documented in this report. Detectable concentrations of petroleum hydrocarbons and fuel oxygenates were identified in soil samples collected from beneath the former USTs, dispensers, clarifier, waste oil tank and hydraulic hoist. The tank pit walls and bottom are cut primarily in weathered lightly cemented sandstone and siltstone bedrock. Based on the results of sampling, DELTA concludes the following:

- TPH-g, BTEX compounds, MTBE and TBA were encountered in soil below the former fuel USTs, dispensers, waste oil tank and clarifier areas.
- Source area hydrocarbons were addressed by over-excavation activities in selected areas to a maximum depth of approximately 19 feet bgs. Detectable concentrations of petroleum hydrocarbons and fuel oxygenates were identified in the confirmation soil samples collected.

This report represents DELTA's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between DELTA and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of DELTA's Client and anyone else specifically listed on this report. DELTA will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, DELTA makes no express or implied warranty as to the contents of this report.

If you have any questions about this report or the information presented herein, please call either Mr. Bradley Clark (DELTA) at (626) 256-6662 or Mr. Ed Paden (SHELL) at (310) 816-2075.

Sincerely,
Delta Environmental Consultants, Inc.



Peter Shair
Project Geologist



Bradley E. Clark, P.E. C55425
Senior Project Engineer



Attachments:

- Table 1 – Summary of Soil Analytical Data
- Figure 1 – Site Location Map
- Figure 2 – Site Map with Soil Sample Locations
- Figure 3 – Hydrocarbon Concentrations in Soil Map
- Appendix A – Historical Soil and Groundwater Analytical Data
- Appendix B – Unauthorized Release Report
- Appendix C – UST Removal Permit
- Appendix D – Rule 1166 Soil Monitoring Records – UST Closure and Over-Excavation Activities
- Appendix E – UST Manifests
- Appendix F – Certified Analytical Reports and Chain-of-Custody Documentation
- Appendix G – Customer Job Report and Soil Transport Manifests

cc. Mr. Ed Paden – Shell Oil Products US
Mr. Larry Jacobs – Shell Oil Products US
Mr. John Quiroz – County of Los Angeles Fire Department
Mr. Ben Hazany

TABLE

Table 7
 Summary of Soil Analytical Data
 5226 Palo Camacho Canyon Road, Agoura Hills, California

Sample ID and Depth (feet)	Date Sampled	TPH (mg/kg)	TPH-B (mg/kg)	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)	Soil Type
1-1A(1)4	2/10/2004	5.1	ND<5.0	NA	ND<0.10	ND<0.10	ND<0.10	ND<0.20	6.9	6.5	ND<0.10	ND<0.10	ND<0.10	ND<50	Bedrock
1-2A(1)4	2/10/2004	5.0	ND<5.0	NA	0.11	0.18	ND<0.11	ND<0.21	12	2.4	ND<0.11	ND<0.11	ND<0.11	ND<53	Bedrock
1-3A(1)4	2/10/2004	5.4	ND<5.0	NA	0.0076	0.013	0.0042	0.0286	0.64	0.61	0.00094	ND<0.00093	ND<0.00093	ND<0.47	Bedrock
1-4A(1)4	2/10/2004	6.20	ND<5.0	NA	0.0021	0.0088	0.0023	0.0161	1.7	0.20	ND<0.00089	ND<0.00089	ND<0.00089	ND<45	Bedrock
1-1B(1)4	2/10/2004	2.6	ND<5.0	NA	0.095	0.22	ND<0.093	0.50	7.6	7.3	ND<0.093	ND<0.093	ND<0.093	ND<46	Bedrock
1-2B(1)4	2/10/2004	2.6	ND<5.0	NA	ND<0.096	0.14	ND<0.096	0.309	2.6	2.1	ND<0.096	ND<0.096	ND<0.096	ND<48	Bedrock
1-3B(1)4	2/10/2004	0.91	ND<5.0	NA	0.033	0.17	0.063	0.41	0.81	ND<1.9	ND<0.0011	ND<0.0011	ND<0.0011	1.0	Bedrock
1-4B(1)4	2/10/2004	1.80	29	NA	ND<0.091	0.36	0.13	0.96	2.6	1.9	ND<0.091	ND<0.091	ND<0.091	ND<45	Bedrock
Fuel/UST Over-Flow/ventilation															
1-1A(1)9	3/3/2004														
1-2A(1)9	3/3/2004	ND<0.28	ND<5.0	NA	ND<0.0012	ND<0.0012	0.0012	ND<0.0012	0.052	0.037	ND<0.0012	ND<0.0012	ND<0.0012	ND<0.59	Bedrock
1-3A(1)9	3/3/2004	ND<0.23	ND<5.0	NA	ND<0.00089	ND<0.00089	ND<0.00089	ND<0.00089	0.0078	ND<0.018	ND<0.00089	ND<0.00089	ND<0.00089	ND<0.45	Bedrock
1-4A(1)9	3/3/2004	ND<0.26	ND<5.0	NA	0.0028	0.0023	0.0032	0.0224	0.055	0.083	ND<0.00091	ND<0.00091	ND<0.00091	ND<0.46	Bedrock
1-1B(1)9	3/3/2004	ND<0.22	ND<5.0	NA	ND<0.00087	ND<0.00087	ND<0.00087	ND<0.00087	0.016	ND<0.017	ND<0.00087	ND<0.00087	ND<0.00087	ND<0.44	Bedrock
1-2B(1)9	3/3/2004	ND<0.22	78*	NA	ND<0.094	ND<0.094	ND<0.094	ND<0.094	3.1	14	ND<0.094	ND<0.094	ND<0.094	ND<47	Bedrock
1-3B(1)9	3/3/2004	0.63	ND<5.0	NA	ND<0.095	ND<0.095	ND<0.095	0.20	1.1	ND<1.9	ND<0.095	ND<0.095	ND<0.095	ND<48	Bedrock
1-4B(1)9	3/3/2004	ND<0.24	ND<5.0	NA	ND<0.097	ND<0.097	ND<0.097	ND<0.097	9.2	3.5	ND<0.097	ND<0.097	ND<0.097	ND<49	Bedrock
1-1A(1)19	3/3/2004	ND<0.30	ND<5.0	NA	ND<0.0017	0.015	0.0035	0.44	0.36	0.10	ND<0.0017	ND<0.0017	ND<0.0017	ND<0.87	Bedrock
Dispersion															
D-1(2)	10/2/04														
D-1(4)	10/2/04														
D-2(2)	2/10/2004	450	1,200	NA	ND<0.10	ND<0.10	ND<0.10	0.59	ND<0.20	ND<2.0	ND<0.10	ND<0.10	ND<0.10	ND<50	Bedrock

Table 1
 Summary of Soil Analytical Data
 5226 Palo Verde Canyon Road, Agoura Hills, California

Sample ID and Depth (feet)	Date Sampled	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	E1BE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)	Soil Type
D-302	3/10/2004	ND<0.27	ND<5.0	NA	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0022	ND<0.0022	0.031	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.55	Bedrock
D-304	3/10/2004	11000	4300	NA	60	1100	250	1.760	ND<1.9	ND<1.9	ND<0.94	ND<0.94	ND<0.94	ND<470	Bedrock
D-402	3/10/2004	700	3000	1	15	110	130	8.30	ND<0.10	ND<2.0	ND<0.098	ND<0.098	ND<0.098	76	Bedrock
D-404	3/10/2004	70	300	NA	0.13	1	4.9	9.70	ND<0.11	ND<2.1	ND<0.11	ND<0.11	ND<0.11	ND<53	Bedrock
D-406	3/10/2004	90	86	NA	ND<0.081	0.74	0.85	4.3	ND<0.16	ND<1.6	ND<0.081	ND<0.081	ND<0.081	ND<40	Bedrock
Dispersions Over 3000 ft															
D-308	3/3/2004	ND<0.22	ND<5.0	NA	ND<0.0083	ND<0.0083	ND<0.0083	ND<0.0083	ND<0.0017	ND<0.017	ND<0.0083	ND<0.0083	ND<0.0083	ND<0.42	Bedrock
D-408	3/3/2004	2.3	9.5	NA	0.0035	0.044	0.0071	0.046	0.063	ND<1.5	ND<0.0089	ND<0.0089	ND<0.0089	ND<0.42	Bedrock
D-410	3/10/2004	38	ND<5.0	NA	0.013	0.035	0.34	0.0099	0.36	0.22	ND<0.0091	ND<0.0091	ND<0.0091	ND<0.46	Bedrock
Hydraulic Fluid															
H-100	3/10/2004	ND<0.23	ND<5.0	0.0026	0.0018	ND<0.0098	ND<0.0009	ND<0.0020	ND<0.0020	ND<0.020	0.0015	ND<0.00098	ND<0.00098	ND<0.49	Bedrock
Clarifier															
C-108	3/10/2004	ND<0.30	ND<5.0	25	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0022	ND<0.0022	ND<0.022	ND<0.011	ND<0.011	ND<0.011	ND<0.55	Bedrock
Clarifier Over-Clean															
C-100	3/4/2004	ND<0.24	ND<5.0	19	ND<0.00090	0.0029	ND<0.00090	0.0045	0.0039	0.044	ND<0.00090	ND<0.00090	ND<0.00090	ND<0.45	Bedrock
Waste Cell Tank															
WOT-1010	3/19/2004	ND<0.22	300*	2.40	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.0019	ND<0.019	ND<0.0093	ND<0.0093	ND<0.0093	ND<0.46	Bedrock
Waste Cell Tank Over-Flow															
WOT-101	3/4/2004	ND<0.24	ND<5.0	ND<10	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0021	0.059	1.9	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.53	Bedrock
WOT-101	3/4/2004	ND<0.25	ND<5.0	69	ND<0.00096	ND<0.00096	ND<0.00096	ND<0.00096	0.029	ND<0.019	ND<0.00096	ND<0.00096	ND<0.00096	ND<0.48	Bedrock

Table 1
 Summary of Soil Analytical Data
 5226 Palo Camacho Canyon Road, Agoura Hills, California

Sample ID	TPH-g (mg/kg)	TPH-d (mg/kg)	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)	Soil Type
	mg/kg													
	NA													
	ND													
	TRPH													
	TPH-g													
	TPH-d													

Notes:

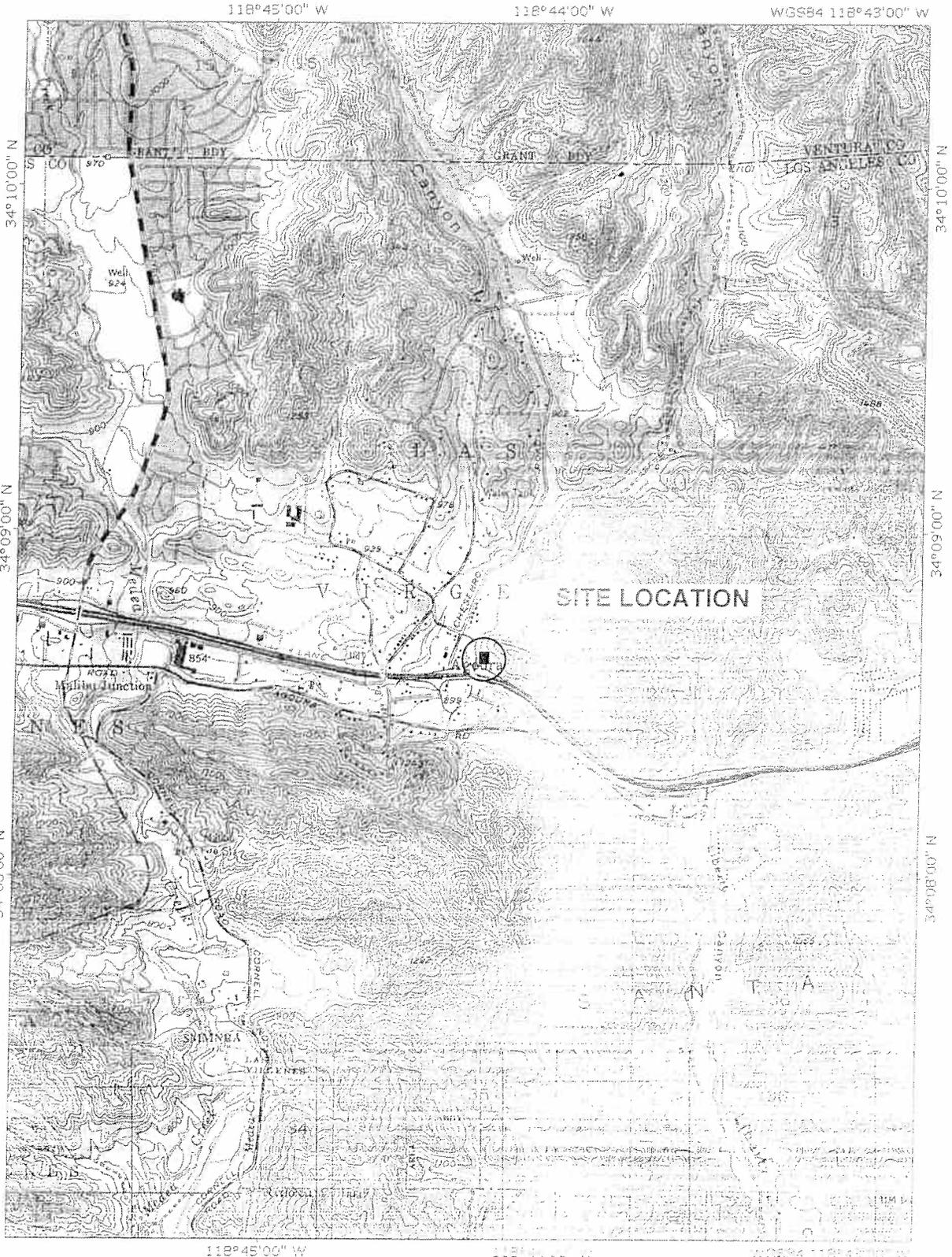
- = milligrams per kilogram
- = Not analyzed
- = Not detected; refer to laboratory reports for detection limits
- = Total Recoverable Petroleum Hydrocarbons
- = Total Petroleum Hydrocarbons as gasoline
- = Total Petroleum Hydrocarbons as diesel
- BTEX & Oxygenates analyzed using EPA Method 8260B
- TPH-g analyzed using EPA Method 8015 modified

MTBE = Methyl tert-butyl ether
 TBA = Tert-butyl alcohol
 DIPE = Di-isopropyl ether
 ETBE = Ethyl tert-butyl ether
 TAME = Tert-amyl methyl ether

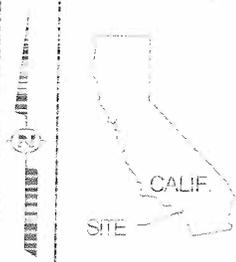
* = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
 J = Analyte was detected at a concentration below the reporting limit. Reported value is estimated.

FIGURES

DRAWN BY LUIS CH	CHECKED BY	APPROVED BY	DRAWING NUMBER PA5226-1
03/06/04			



1:25,000
Scale

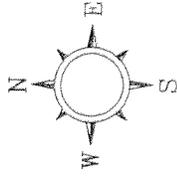


DELTA
ENVIRONMENTAL
CONSULTING INC

SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
AGOURA HILLS, CALIFORNIA

FIGURE 1
SITE LOCATION MAP

5226 PALO COMADO CANYON ROAD
AGOURA HILLS, CALIFORNIA



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- D-1 SAMPLING LOCATIONS
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL TERT-BUTYL ETHER
- TBA TERT-BUTYL ALCOHOL
- µg/L MICROGRAMS PER LITER
- ND< NOT DETECTED ABOVE LIMIT NOTED
- THE SAMPLE CHROMATOGRAPHIC PATTERN FOR TPH DOES NOT MATCH THE PATTERN OF THE SPECIFIED STANDARD. QUANTITATION OF THE UNKNOWN HYDROCARBON(S) WAS BASED UPON THE SPECIFIED STANDARD.



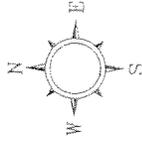
Delta
ENVIRONMENTAL
CONSULTANTS INC.

SHELL OIL PRODUCTS US
SHELL SERVICE STATION
AGOURA HILLS, CALIFORNIA

FIGURE 2
SOIL SAMPLING
LOCATIONS MAP
5226 PALO COMADO CANYON ROAD
AGOURA HILLS, CALIFORNIA



NO.	DATE	REVISION	BY	APP.
1	10/1/01	ISSUED FOR PERMITS
2	10/1/01	REVISED TO ADD
3	10/1/01	REVISED TO ADD



LEGEND
 MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 D-1 SAMPLING LOCATION AND DESIGNATION
 TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
 TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
 MTBE METHYL TERT-BUTYL ETHER
 TBA TERT-BUTYL ALCOHOL
 mg/Kg MILLIGRAMS PER KILOGRAM
 ND< NOT DETECTED ABOVE LIMIT NOTED
 * THE SAMPLE CHROMATOGRAPHIC PATTERN FOR TPH DOES NOT MATCH THE PATTERN OF THE SPECIFIED STANDARD. QUANTIFICATION OF THE UNKNOWN HYDROCARBON(S) WAS BASED UPON THE SPECIFIED STANDARD.



Delta ENVIRONMENTAL CONSULTANTS INC.
 SHELL OIL PRODUCTS US SERVICE STATION
 AGGURA HILLS, CALIFORNIA
FIGURE 3
 HYDROCARBON CONCENTRATIONS IN SOIL MAP
 5226 PALO COMANDO CANYON ROAD
 AGGURA HILLS, CALIFORNIA

D-4 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
2	270	260	0.12	ND<0.21	ND<2.1
4	90	86	ND<0.081	ND<0.16	ND<1.6
6	38	38	ND<0.013	0.35	0.22

T-1B 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	2.6	ND<5.0	0.095	7.6	7.3
19	ND<0.22	78*	ND<0.084	3.1	1.4

T-2B 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	2.6	ND<5.0	ND<0.096	2.6	2.1
19	0.63	ND<5.0	ND<0.095	1.1	ND<1.9

T-1 02/10/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
9	ND<0.30	ND<5.0	ND<0.001	ND<0.022	ND<0.022

C-1 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
6	ND<0.24	ND<5.0	ND<0.00096	0.0039	0.044
18	ND<0.22	380*	ND<0.00093	ND<0.0019	ND<0.019

W-1 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
10	ND<0.24	ND<5.0	ND<0.0011	0.059	1.9
11	ND<0.25	ND<5.0	ND<0.00096	0.029	ND<0.019

T-3B 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	0.91	ND<5.0	0.33	0.81	ND<1.9
19	ND<0.24	ND<5.0	ND<0.097	9.2	3.5

T-2 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
2	4.30	1,200	ND<0.10	ND<0.20	ND<2.0
4	ND<0.27	ND<5.0	ND<0.0011	ND<0.0022	0.31
8	ND<0.22	ND<5.0	ND<0.0083	ND<0.0017	ND<0.017

D-1 02/10/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
2	ND<0.23	ND<5.0	ND<0.0010	ND<0.0021	ND<0.021
4	ND<0.27	ND<5.0	ND<0.0011	ND<0.0022	ND<0.022

T-4B 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	180	29	0.091	2.6	1.9
19	ND<0.20	ND<5.0	ND<0.0017	0.35	0.10

D-3 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
2	11,000	4,300	60	ND<0.19	ND<1.9
4	4,700	3,900	15	ND<0.20	ND<2.0
8	2.3	9.5	0.0035	0.063	ND<1.3

T-1A 02/10/04 & 03/03/04

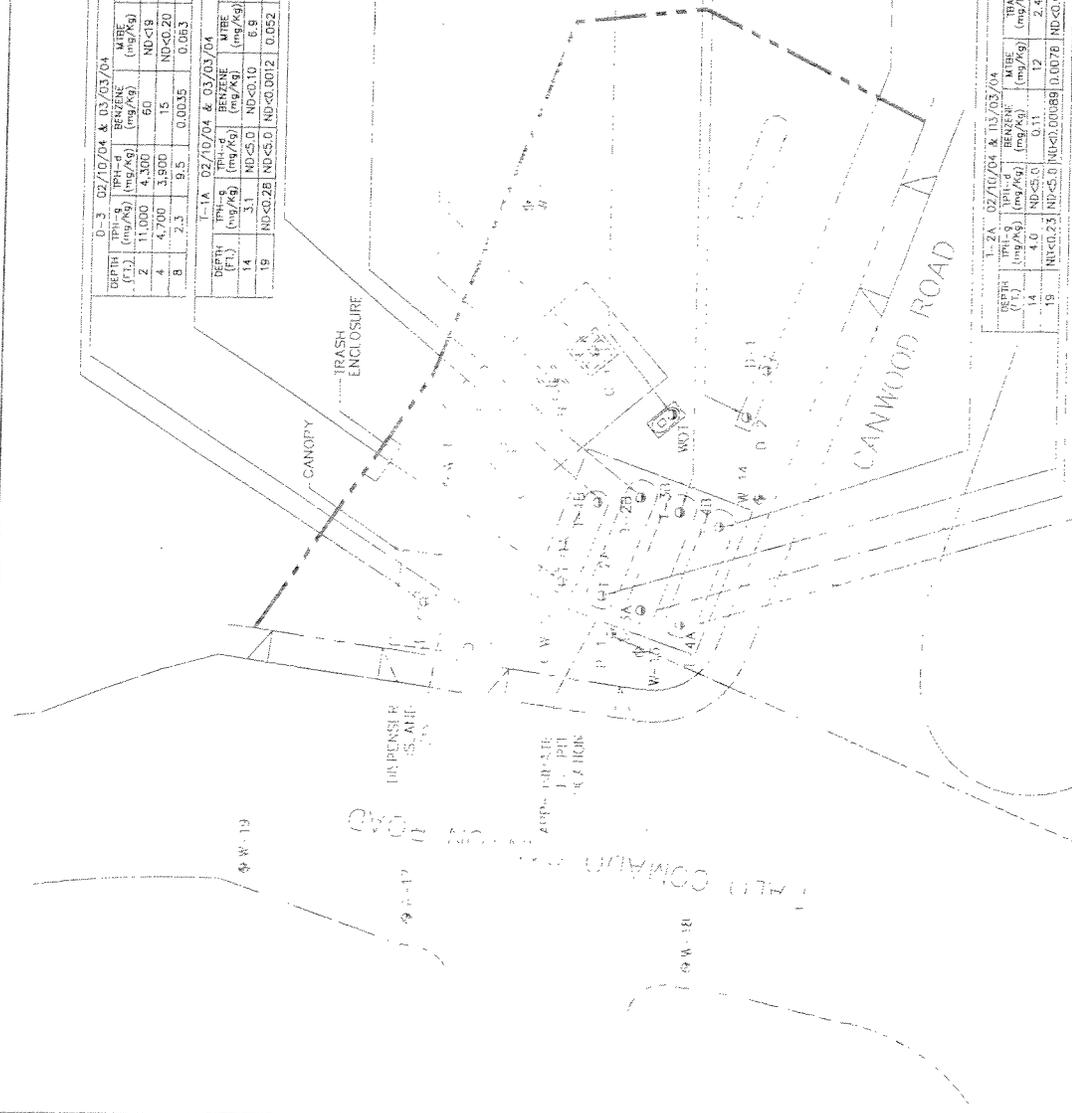
DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	3.1	ND<5.0	ND<0.10	6.9	6.5
19	ND<0.28	ND<5.0	ND<0.0012	0.052	0.037

T-2A 02/10/04 & 03/03/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
14	4.0	ND<5.0	0.11	12	2.4
19	ND<0.23	ND<5.0	ND<0.00089	0.0078	ND<0.018

P-1 05/10/04

DEPTH (FT.)	TPH-g (mg/Kg)	TPH-d (mg/Kg)	BENZENE (mg/Kg)	MTBE (mg/Kg)	TBA (mg/Kg)
1	ND<0.23	ND<5.0	0.0018	ND<0.0036	ND<0.036



APPENDIX A

HISTORICAL SOIL AND GROUNDWATER DATA

TABLE 1

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL RESULTS
 SHULLE SERVICE STATION
 5226 Palo Comado Canyon Road, Agoura Hills, California

DATE	DEPTH TO GWS (ft)	SPT THCI N (ft)	GW ELEV. (ft) relative to MSL	TPH-D (ug/L)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ng/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	COMMENTS
AV 11	Top of casing elevation (ft), unknown															
01/26/2004	10.36	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	16.07	13.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 12	Top of casing elevation (ft), unknown															
01/26/2004	11.36	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	14.36	9.06		ND<1000	ND<5.0	5.7	ND<1.0	ND<1.0	ND<1.0	45000	15000	ND<2.0	ND<2.0	17	ND<100	
AV 13	Top of casing elevation (ft), unknown															
01/26/2004	10.96	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	10.47	13.06		ND<1000	ND<5.0	11.0	1.3	ND<1.0	ND<1.0	45000	5000	ND<2.0	ND<2.0	13	ND<100	
AV 14	Top of casing elevation (ft), and below															
01/26/2004	11.36	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	11.3	13.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 15	Top of casing elevation (ft), and below															
01/26/2004	11.37	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	13.38	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 16	Top of casing elevation (ft), unknown															
01/26/2004	7.45	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	23.47	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 17	Top of casing elevation (ft), unknown															
01/26/2004	18.21	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	9.43	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 18	Top of casing elevation (ft), unknown															
01/26/2004	25.66	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	22.37	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
AV 19	Top of casing elevation (ft), unknown															
01/26/2004	14.93	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
01/27/2004	16.47	9.06		ND<1000	ND<5.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100	
Notes:																
GW: Groundwater																
SPT: Standard Penetration Test																
MSL: Mean Sea Level																
ND: Not Detected																
ug/L: Micrograms per Liter																
TPH-D: Total Petroleum Hydrocarbon, Diesel																
TPH-G: Total Petroleum Hydrocarbon, Gasoline																
MTBE: Methyl Tertiary Butyl Ether																
TBA: Toluene, Benzene, and Xylenes																
DIPE: Diisopropyl Ether																
ETBE: Ethyl Tertiary Butyl Ether																
TAME: Tert amyl methyl ether																

APPENDIX B

UNAUTHORIZED RELEASE REPORT

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 02 04 04		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Mr. Ed Paden		PHONE (310) 816-2075		SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Equilon Enterprises LLC dba Shell Oil Products US			
	ADDRESS 20945 S. Wilmington Ave. Carson CA 90810					
RESPONSIBLE PARTY	NAME Equilon Enterprises LLC dba Shell Oil Products US		CONTACT PERSON Mr. Ed Paden		PHONE (310) 816-2075	
	ADDRESS 20945 S. Wilmington Ave. Carson CA 90810					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Texaco Service Station		OPERATOR		PHONE ()	
	ADDRESS 5226 Palo Comado Canyon Road Agoura Hills Los Angeles					
	CROSS STREET					
IMPLEMENTING AGENCIES	LOCAL AGENCY County of Los Angeles DPW		AGENCY NAME		CONTACT PERSON Tim Smith	
	REGIONAL BOARD				PHONE (310) 458-3510	
SUBSTANCES INVOLVED	(1) NAME Petroleum Hydrocarbons				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2)				<input type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 02 04 04		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>groundwater sampling</u>			
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> PIPING LEAK		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> CORROSION		<input type="checkbox"/> UNKNOW <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER	
	<input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER					
DATE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
	CHECK ONE ONLY <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CS)		<input type="checkbox"/> EXCAVATE & DISPOSE (ED)		<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	
	<input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE)		<input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)		<input type="checkbox"/> PUMP & TREAT GROUNDWATER (PT) <input type="checkbox"/> TREATMENT AT HOOKUP (TH) <input type="checkbox"/> EMULSIONS & DEGRADATION (D) <input type="checkbox"/> REFUGED OUTFLY (RO) <input type="checkbox"/> VENT SOIL (VS)	
COMMENTS	NONE in groundwater up to 45,000 pph					
	100 in groundwater up to 25,000 pph					

September 29, 2010

Mr. Daniel Piroton
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: Addendum to Request for Low Risk Case Closure
76 Service Station No. 2705730 (7426)
28203 West Dorothy Drive
Agoura Hills, California
LARWQCB/EAOP Case No. R-02634



Dear Mr. Piroton:

Delta Consultants (Delta), on behalf of ConocoPhillips, has prepared this *Addendum to Request for Low Risk Case Closure* for 76 Service Station No. 2705730, located at 28203 Dorothy Drive in Agoura Hills, California (the Site; Figure 1). The Site is on the Expedited Agency Oversight Program (EAOP) and all environmental activities are conducted on a self-directed basis by ConocoPhillips.

This package for the continued pursuit of case closure on the basis of low risk criteria is organized in accordance with the guidelines of the Los Angeles Regional Water Control Board (LARWQCB) for EAOP sites. Delta submitted a *Request for Low Risk Case Closure* on October 30, 2008; closure has yet to be issued for the Site in response to that closure request. It is Delta and ConocoPhillips opinion that concentrations at the Site have declined significantly and continue to decline.

EAOP TIME-TABLE (Calendar):

Task	Responsibility	Completion Date
Submit Addendum to Closure Request	ConocoPhillips	September 29 2010
Obtain Closure Letter	LARWQCB	November xx, 2010
Abandon Site Monitoring Wells	ConocoPhillips	January xx, 2011

SITE DESCRIPTION

The Site is an active 76 Service Station located west of the intersection of Dorothy Drive and the US-101 Ventura Freeway southbound at the Chesebro Road off-ramp (Figure 1). Service

station facilities include three 20,000-gallon gasoline underground storage tanks (USTs), one 20,000-gallon diesel UST, six diesel dispenser islands, three gasoline dispenser islands, and a station kiosk. The US-101 Ventura Freeway is located to the north and east of the Site with a freeway off-ramp located immediately east of the Site. A vacant lot, consisting of three properties, is located immediately to the west, and Dorothy Drive is located to the south. Commercial businesses are located to the south across Dorothy Drive, and a Valero service station is located up-gradient and east of the Site across the US-101 Freeway off-ramp. The entire Site, with the exception of limited planter areas along the perimeter, is paved with concrete (Figure 2).

OVERVIEW OF STUDY RESULTS AND GUIDANCE

In December 1995, the State Water Resources Control Board (SWRCB) issued a letter providing preliminary guidance on handling low-risk soil and groundwater fuel leak cases. This guidance built on the extensive study of fuel leak cases performed by Lawrence Livermore National Laboratory (LLNL) under contract to the SWRCB. The LLNL study prepared for the SWRCB, *Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks (LUFT sites)*, concludes that fuel hydrocarbons at LUFT sites have limited impact on human health, environment, or California groundwater resources. The study suggests that passive (intrinsic) bioremediation be utilized as a remediation alternative whenever possible, once the fuel leak source has been removed.

Source Removal - The leak has been stopped and ongoing sources, including fuel-saturated soil and soil which contains mobile fuel components, have been removed or mitigated.

Site Characterization - The Site soil has been adequately characterized; groundwater is observed at 12 to 16 feet from top of casing (TOC).

Water Quality Protection - No drinking water wells, aquifers, or surface waters have been or are likely to be affected.

Risk Evaluation - An assessment has been made of specific site conditions utilizing common sense considerations in arriving at a decision which incorporates risks posed to the water resource or the public health.

Resolution No. 92-49

State Water Board Resolution No. 92-49 also applies to petroleum UST cases. Resolution No. 92-49 does not require, however, that the requisite level of water quality be met at the time of site closure. Resolution No. 92-49 specifies compliance with cleanup goals and objectives within a reasonable time frame. Therefore, even if the requisite level of water quality has not yet been attained, a case may be closed if the level will be attained within a reasonable period.

SITE CONDITIONS - UPDATE TO CLOSURE REQUEST

The following points provide key observations of dissolved-phase plume conditions at the Site based on interpretation of concentration of chemicals of concern (COCs) at the Site. The dissolved phase analytical data from third quarter 2008 (Delta, 2008) when the *Request for Low Risk Closure Report* was submitted were compared to the current concentrations and historical maximum concentrations indicate a decreasing trend. The extent of the dissolved-phase chemicals also appears to be shrinking. In addition, natural attenuation, as indicated by monitoring natural attenuation parameters, is taking place.

Dissolved-Phase Analytical Data

Groundwater monitoring and sampling for the First Half 2010 was performed by TRC on April 22, 2010. A copy of the *Semi-Annual Monitoring Report, January through June 2010* prepared by TRC, dated May 14, 2010 is attached as Appendix A.

Depth to groundwater ranged from 11.95 feet below TOC to 16.02 feet below TOC. Groundwater elevation was 885.08 feet above mean sea level. Groundwater flow direction was to the west with a gradient of 0.015 feet per foot (TRC, 2010).

Based on analytical results, groundwater monitoring well GW-3, adjacent to the USTs, was found to have the highest concentrations of total petroleum hydrocarbons as gasoline [TPH-g, 730 micrograms per liter ($\mu\text{g/L}$)], benzene (80 $\mu\text{g/L}$), ethyl-benzene (0.92 $\mu\text{g/L}$), total xylenes (13 $\mu\text{g/L}$), and methyl tertiary butyl ether (MTBE; 6.6 $\mu\text{g/L}$). Monitoring well MW-4 reported the highest concentrations of tertiary butyl alcohol (TBA; 1,000 $\mu\text{g/L}$). Di-isopropyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether, and ethanol were below the laboratory's minimum detection limits for the groundwater monitoring wells sampled. Refer to Appendix A for TRC's *Semi-Annual Groundwater Monitoring Report*.

Comparison of the Maximum Historical Concentrations, Concentrations when Closure was first sought, and the Maximum Current Groundwater Concentrations

Chemicals	Groundwater		
	Maximum ($\mu\text{g/L}$) / (Date)	3 rd Quarter 2008 ($\mu\text{g/L}$) / (Date)	Current ($\mu\text{g/L}$) / (Date)
TPH-g	110,000 (4/25/00)	2,220 (07/17/08)	730 (04/22/10)
Benzene	4,600 (4/25/00)	280 (07/17/08)	80 (04/22/10)
Toluene	850 (4/25/00)	2.3 (07/17/08)	0.92 (04/22/10)
Ethyl-benzene	8,300 (4/25/00)	460 (07/17/08)	13 (04/22/10)
Total Xylenes	5,700 (4/25/00)	4.8 (07/17/08)	11 (04/22/10)
MTBE	260,000 (4/25/00)	130 (07/17/08)	6.6 (04/22/10)
TBA	64,000 (4/15/04)	5200 (07/17/08)	1,000 (04/22/10)

Sources: TRC, 2008, TRC 2010, Miller Brooks (2004b)

Dissolved-Phase Plume

The dissolved-phase plume according to TRC's *Semi-Annual Monitoring Report, January through June 2010*, indicate a shrinkage of the TPH-g, benzene, MTBE, and TBA plumes (Figures 3 through 6, Appendix A)

Natural Attenuation Parameters

Natural attenuation parameters (nitrate, sulfate, iron, pH, methane, dissolved oxygen (DO) oxygen reduction potential) were also collected to track the bio-attenuation at the Site. They indicate that bio-attenuation is taking place effectively at the Site.

All wells sampled were also analyzed for selected natural attenuation parameters. These concentrations can be found in TRC's Table 1a (Appendix A). A discussion of the selected natural attenuation parameters is presented below.

- **Dissolved Oxygen:** The DO concentration was near to, or greater than 2.0 milligrams per liter in 9 of the 21 wells sampled; this indicates aerobic microbial degradation. Please refer to Figure 7 for the *Dissolved Oxygen Reduction Contour Map*.
- **Oxidation Reduction Potential (ORP):** ORP values during this past monitoring event were positive in 16 well and negative in 5 wells. The positive values were all greater than 20 millivolts (mV) (with the exception of GW-1 at 13 mV), suggesting that the groundwater would support aerobic degradation. Please refer to Figure 8 for the *Oxygen Reduction Potential Contour Map*.

PLUME LONGEVITY ESTIMATE

In 2008, consulting firm of Aqui-Ver, Inc of Park City, Utah conducted a study of the dissolved petroleum hydrocarbons plume using the available groundwater analytical results for a number of ConocoPhillips sites including the subject facility. The results were presented in a report entitled "Evaluation of Dissolved-phase Plume Conditions, Stability, Longevity, and Potential Impact to Groundwater Use" (Aqui-Ver, 2008). The model predicted that the dissolved COC will attenuate with time and reach regulatory acceptable levels. Table 3: Site 7426 Longevity Estimate is attached. The groundwater monitoring wells listed below have already achieved the model prediction. The chemicals that are currently below the regulatory action levels are listed in parentheses:

GW-3 (MTBE); GW-10 (TBA); GW-11 (Benzene and MTBE); GW-12 (Benzene); GW-13 (MTBE); MW-14 (Benzene, MTBE); MW-15 (TBA).

This study points out that natural attenuation of COC to acceptable levels within a reasonable timetable is achievable. A copy of the case study report is attached as Appendix B.

RECOMMENDATIONS

It is Delta's professional opinion that the Site has exhibited evidence that natural attenuation is occurring. Concentrations of COCs have been on the decline, and the dissolved phase plume appears to be shrinking as shown in Figures 3 through 6. Furthermore, no sensitive receptors appear to be in proximity of the Site. State Water Board *Resolution No. 92-49* also indicate that even if the requisite level of water quality has not yet been attained, this case may be closed if the level will be attained within a reasonable time period. Delta and ConocoPhillips respectfully request that the Site be considered for case closure based on low risk criteria.

LIMITATIONS

The findings contained herein represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This *Addendum to Request for Low Risk Case Closure* report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this addendum were performed. This *Addendum to Request for Low Risk Case Closure* is intended only for the use of Delta's Client and anyone else specifically listed on this addendum. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as

contained in this paragraph, Delta makes no express or implied warranty as to the contents of this *Addendum to Request for Low Risk Case Closure* report. This addendum has been prepared under the direct supervision of a California Registered/Certified Professional.

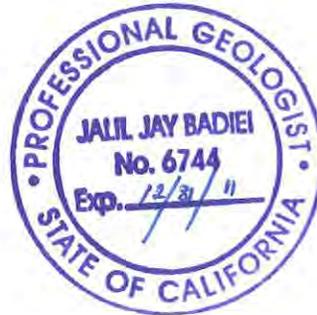
If you have any questions regarding this addendum or need any additional information about the Site, please do not hesitate to contact Ms. Jozi del Angel at (626) 873-2717 or Ms. Shari London of ConocoPhillips at (562) 290-1723.

Sincerely,

DELTA CONSULTANTS



Jay Badiei, P.G.
Senior Project Geologist



- | | |
|-----------------------|--|
| Attachments: Figure 1 | Site Location Map |
| Figure 2 | Site Map |
| Figure 3 | Dissolved-Phase TPH-g Concentration Comparison Map |
| Figure 4 | Dissolved-Phase Benzene Concentration Comparison Map |
| Figure 5 | Dissolved-Phase MTBE Concentration Comparison Map |
| Figure 6 | Dissolved-Phase TBA Concentration Comparison Map |
| Figure 7 | Dissolved Oxygen Contour Map |
| Figure 8 | Oxygen Reduction Potential Contour Map |
| Appendix A | Table 3 - Site 7426 Longevity Estimates (Aqui-Ver, 2008) |
| Appendix B | TRC's Semi-Annual Monitoring Report, January through June, dated May 14, 2010 |
| Appendix C | Evaluation of Dissolved-phase Plume Conditions, Stability, Longevity, and Potential Impacts to Groundwater Use (Aqui-Ver, 2008). |

Cc: Ms. Shari London, ConocoPhillips, Long Beach, California (electronic copy only)
Mr. Chris Panaitescu, Thrifty Oil Company, Santa Fe Springs, California

REFERENCES

- Aqui-Ver, Inc (2008), Evaluation of Dissolved-phase Plume Conditions, Stability, Longevity, and Potential Impact to Groundwater Use 76 Station 7426, September 16.
- Delta Consultants, (2008), Request for Low Risk Case Closure, 76 Station 5730 (7426), 28203 Dorothy Drive, Agoura Hills, California, October 30.
- Miller Brooks, (2004), Mobile High Vacuum Dual-Phase Extraction Report, 76 Station 7426, 28203 Dorothy Drive, Agoura Hills, California, August 2.
- Miller Brooks, (2004a), Well Installation Report, 76 Station 7426, 28203 Dorothy Drive, Agoura Hills, California, July 1.
- TRC Solutions (2008), Quarterly Monitoring Report, July through September 2008, 76 Service Station 7426, Agoura Hills CA, August 19, 2008.
- TRC Solutions (2010), Semi-Annual Monitoring Report, January through June 2010, 76 Service Station 7426, Agoura Hills CA, May 14.