

LOP - RECORD CHANGE REQUEST FORM

printed:
07/16/97

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: EC

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3169 LOC:
 SITE NAME: UNOCAL #5366 DATE REPORTED : 02/18/88
 ADDRESS : 7375 Amador Valley Blv DATE CONFIRMED: 02/18/88
 CITY/ZIP : Dublin 94568 MULTIPLE RPs : N

SITE STATUS

 CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2A3 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 09/16/92
 PRELIMINARY ASMNT: C DATE UNDERWAY: DATE COMPLETED: 03/18/97
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 09/16/92
 LUFT FIELD MANUAL CONSID: 3HSCAWG
 CASE CLOSED: Y DATE CASE CLOSED: 07/16/97
 DATE EXCAVATION STARTED : 12/02/87 REMEDIAL ACTIONS TAKEN: ED GT

RESPONSIBLE PARTY INFORMATION

 RP#1-CONTACT NAME: Bob Boust
 COMPANY NAME: Unocal
 ADDRESS: P. O. Box 5155
 CITY/STATE: San Ramon, C A 94583

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes		
ANNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____	

ENVIRONMENTAL PROTECTION
97 JUL 11 PM 1:35


KAPREALIAN ENGINEERING
INCORPORATED

July 9, 1997

Alameda County Health Care Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

RE: Former Unocal Service Station #5366
7375 Amador Valley Road
Dublin, California

To whom it may concern:

Per the request of Mr. Robert A. Boust of Unocal Corporation, enclosed please find our report dated June 30, 1997, for the above referenced site.

Should you have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Robert A. Boust, Unocal-DBG/AMG



KAPREALIAN ENGINEERING
INCORPORATED

KEI-P88-0205.R13
June 30, 1997

Unocal DBG/AMG
2000 Crow Canyon Place, Suite 470
P.O. Box 5073
San Ramon, California 94583

Attention: Mr. Robert A. Boust

RE: Report of Destruction of Monitoring Wells
Former Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Mr. Boust:

This report documents the destruction of one monitoring well at the subject site. The former well, designated as MW5 on the attached Figure 1, extended to a depth of 20 feet below grade, and was proposed to be destroyed due to site closure being granted by the Alameda County Health Care Services Agency in a letter to Unocal dated May 6, 1997. Site background information and a summary of our previous field activities are included in KEI's report (KEI-P88-0205.R11) dated April 15, 1997, and the MPDS Services, Inc. report (MPDS-UN5366-13) dated March 11, 1997.

On June 25, 1997, the one existing monitoring well (MW5) was destroyed by pumping neat cement grout into the well casing. The grout was pumped under pressure from the total depth of each well to the surface by the use of a 1.25-inch diameter PVC tremie pipe plumbed with a flexible hose to a grout pump. The flexible hose was then plumbed directly to the casing and the grout was pumped under pressure through the existing casing into the filterpack.

DISTRIBUTION


A copy of this report should be submitted to the Alameda County Health Care Services Agency, and to the Regional Water Quality Control Board, San Francisco Bay Region.

KEI-P88-0205.R13
June 30, 1997
Page 2

If you have any questions regarding this report, please do not hesitate to call me at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.



Doug Lee
Project Manager/Geologist



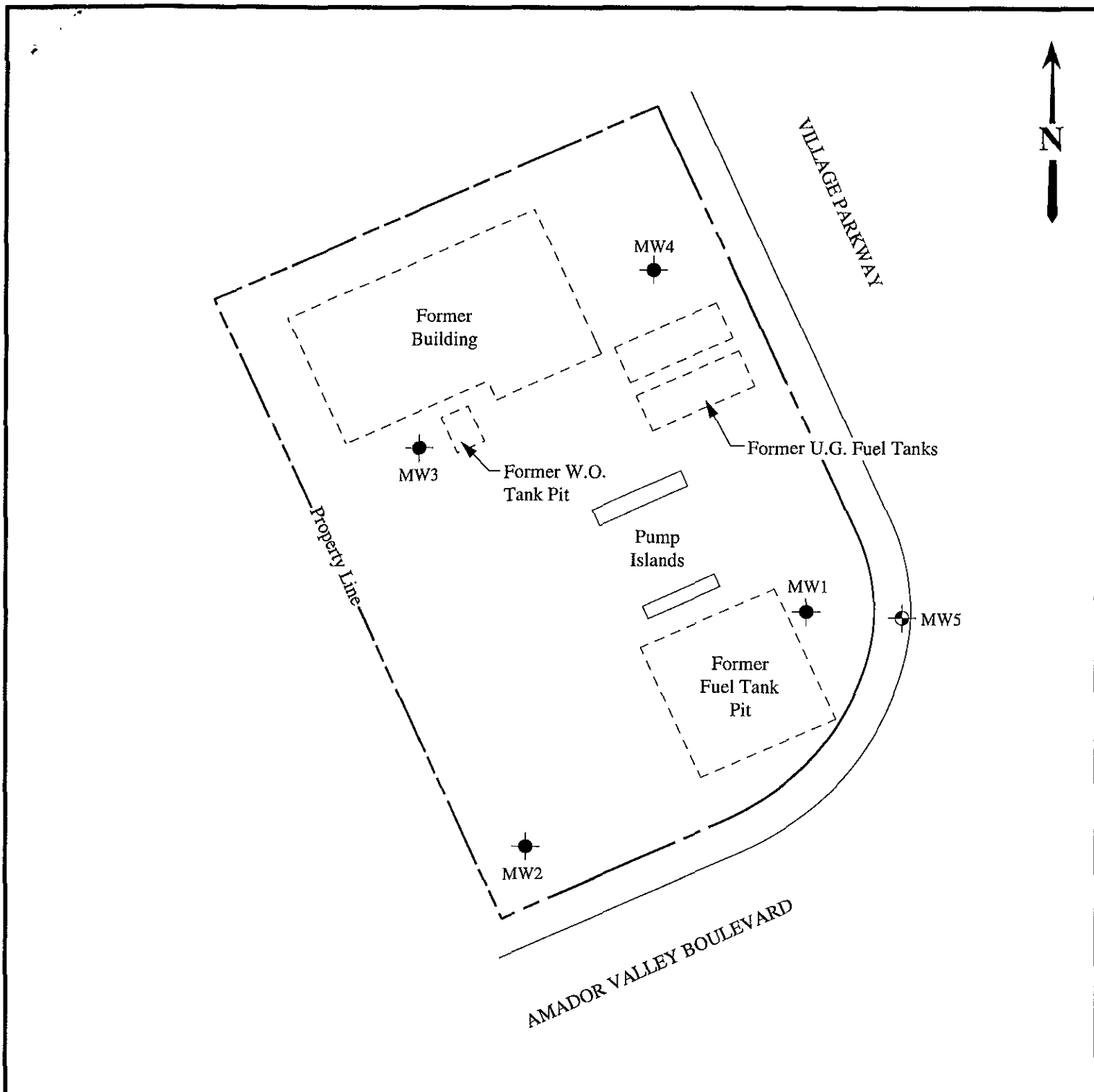
Hagop Kevork, P.E.
Senior Staff Engineer

License No. 55734
Exp. Date 12/31/00



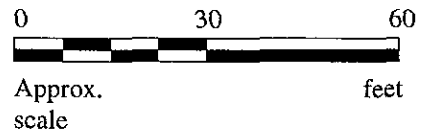
DL:jfc

Attachments: Location Map
 Figure 1



LEGEND

- ⊕ Monitoring well (destroyed 6/25/97)
- Monitoring well (destroyed 5/30/96)



SITE PLAN



**FORMER UNOCAL S/S #5366
7375 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA**

**FIGURE
1**

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

StID 3169

May 6, 1997

Mr. Bob Boust
Unocal
P.O. Box 5155
San Ramon, CA 94583

RE: Well Decommission at 7375 Amador Valley Blvd, Dublin, CA

Dear Mr. Boust:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring well (MW-5) should be decommissioned, if it will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS

SERVICES, INCORPORATED

RECEIVED
97 APR 29 PM 2:38

0.3

Ready to become well

April 25, 1997

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Robert A. Boust, enclosed please find our report (MPDS-UN5366-13) dated March 11, 1997 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2334.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Robert A. Boust

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: EC

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3169 LOC:
 SITE NAME: UNOCAL #5366 DATE REPORTED : 02/18/88
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 CITY/ZIP : Dublin 94568 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2A3 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 09/16/92
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 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 09/16/92
 LUFT FIELD MANUAL CONSID:
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 12/02/87 REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Ed Ralston
 COMPANY NAME: Unocal
 ADDRESS: P. O. Box 5155
 CITY/STATE: San Ramon, C A 94583

INSPECTOR VERIFICATION:

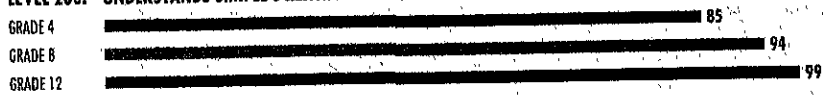
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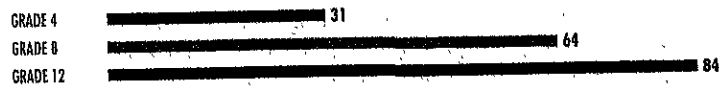
Name/Address Changes Only			Case Progress Changes	
ANPNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

HOW MUCH SCIENCE DO U.S. STUDENTS KNOW?

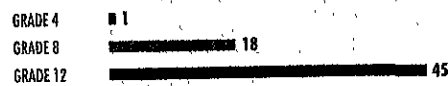
LEVEL 200: UNDERSTANDS SIMPLE SCIENTIFIC PRINCIPLES



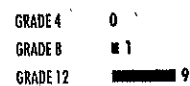
LEVEL 250: APPLIES BASIC SCIENTIFIC INFORMATION



LEVEL 300: ANALYZES SCIENTIFIC PROCEDURES AND DATA



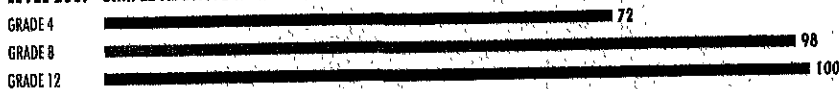
LEVEL 350: INTEGRATES SPECIALIZED SCIENTIFIC INFORMATION



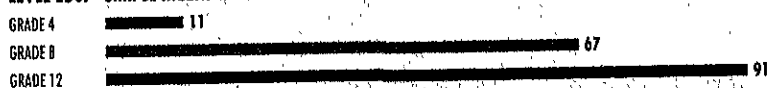
Percentage of students performing at or above science proficiency levels in grades 4, 8, and 12. A majority of seniors can't apply scientific knowledge to interpret tables and graphs.

HOW MUCH MATH DO U.S. STUDENTS KNOW?

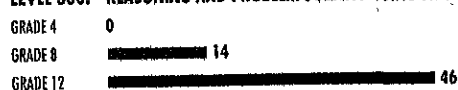
LEVEL 200: SIMPLE ADDITIVE REASONING AND PROBLEM SOLVING WITH WHOLE NUMBERS



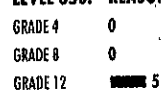
LEVEL 250: SIMPLE MULTIPLICATIVE REASONING AND TWO-STEP PROBLEM SOLVING



LEVEL 300: REASONING AND PROBLEM SOLVING USING FRACTIONS, DECIMALS, PERCENTS, GEOMETRY, AND ALGEBRA



LEVEL 350: REASONING AND PROBLEM SOLVING USING GEOMETRY, ALGEBRA, STATISTICS, AND PROBABILITY



Percentage of students performing at or above math proficiency levels in grades 4, 8, and 12. Fewer than half of high school grads can cope with fractions and decimals.

above Level 200—deteriorates over the years, reaching the lowest levels by twelfth grade. Only 45 percent of the high school seniors performed at or above Level 300, and only a pitiful 9 percent could reach Level 350. "Especially considering the technological needs of today's society," the NAEP report concludes, "a disproportionately low percentage of these students possess in-depth scientific knowledge or the ability to accomplish even relatively straightforward tasks requiring application or thinking skills."

The Math Report Card for high school seniors also flaunts an F. Proficiency levels of the problems on the

1990 Math NAEP given to 126,000 students in all 50 states are shown in the graph above.

Based on their collective experience with what math is covered in U.S. elementary and high schools and how it is taught, a panel of eminent mathematics educators linked Level 200 with third-grade work, Level 250 with fifth grade, Level 300 with seventh grade, and Level 350 as content generally covered in high school courses preparatory to the study of more advanced math.

Here is what the NAEP Report Card says about the results of the national exam: "All the high school seniors

demonstrated success with third-grade material. However, [only] 91 percent showed mastery of the fifth-grade course, indicating that not all students are graduating from high school with [even] a grasp of how to apply the four basic arithmetic operations to solve simple problems with whole numbers. Fewer than half . . . demonstrated a consistent grasp of decimals, percents, fractions, and simple algebra, and only 5 percent [even lower than in the 1986 NAEP] showed an understanding of geometry and algebra that suggested preparedness for the study of advanced mathematics.

"These figures show that many students appear to be graduating from high school with little of the mathematics understanding required by the fastest-growing occupations or for college work . . .

"The mathematical skills of our nation's children are generally insufficient to cope with either on-the-job demands for problem-solving or college expectations for mathematical literacy. Because of the emergence of the importance of mathematics to so many areas of education, citizenship, and careers, business and industry spend billions in training, colleges and universities devote large amounts of time to remediation, and still the United States is having difficulty maintaining its competitive edge in the global marketplace."

In short, there is a math emergency in the nation's schools. As Secretary of Education Alexander responded, "This is an alarm bell that should ring all night throughout this country."

"We've all been led to believe that we are above average," said Francie Alexander, California's associate superintendent of schools at the time of the test, but now an assistant secretary of education in Washington, D.C. "These results should take care of that myth."

(Representative examples of science and math problems at Levels 300 and 350, drawn from the NAEP's 1990 Science Report Card and 1990 Math Report Card, appear later in these pages. Answers to the problems appear at the end of the article.)

For the first time, the 1990 NAEP assessed the individual performances of 40 states at the eighth-grade level. (State legislators had long resisted this kind of exposure for fear of a wave of voter antipathy.) The analysis turned up some striking disparities. The states whose eighth-graders had the highest levels of math proficiency were North Dakota, Montana, Iowa, Nebraska, Minnesota, and Wisconsin. Oddly, these states cluster at the northern edge of the U.S. map. This prompt-

FAX

Date 3-24-97

Number of pages including cover sheet 2

TO: EUA CITU

FROM: Bob Boust

Unocal - AMG

2000 Crow Canyon Place,
Ste. 400

San Ramon, CA 94583

Phone

Fax Phone 337-9335

Phone 277-2334

Fax Phone (510)277-2309

CC:

REMARKS: Urgent For your review Reply ASAP Please Comment

- Pursuant to our discussion
- Review and call to discuss
- Review and comment in writing
- Review and edit for accuracy
- For your information
- For discussion in meeting
- Please sign and return
- Hardcopy to follow in mail

This message is intended for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee, or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited.

If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.



March 12, 1997

Unocal Corporation
 2000 Crow Canyon Place, Suite 400
 P.O. Box 5155
 San Ramon, California 94583

Attention: Mr. Robert A. Boust

RE: Report of 1/4-Mile Radius Well Survey
 Former Unocal Service Station #5366
 7375 Amador Valley Blvd.
Dublin, California

Dear Mr. Boust:

On March 10, 1997, a representative of Kaprealian Engineering, Inc. completed a 1/4-mile radius well survey for the subject site. The survey was performed at the Zone 7 Water Agency in Pleasanton, California.

There were no logs of water supply wells on file at the DWR for the area within a 1/4-mile of the subject site.

Should you have any questions on this matter, please call me at (510) 602-5105.

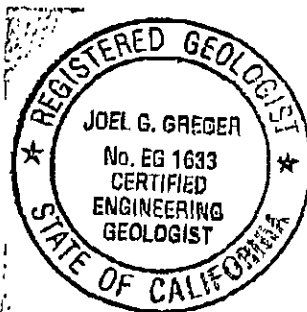
Sincerely,

Kaprealian Engineering, Inc.

Joel G. Greger, C.E.G.
 Senior Engineering Geologist

License No. EG 1633
 Exp. Date 8/31/98

JGG:jad\RAB0312z



FAX

Date 3-10-97

Number of pages including cover sheet 2

TO: Eva Chu

FROM: Bob. Boerst

Unocal - AMG

2000 Crow Canyon Place,
Ste. 400

San Ramon, CA 94583

Phone

Fax Phone

570 337-9335

Phone

Fax Phone

510-277-2334

(510)277-2309

CC:

REMARKS: Urgent For your review Reply ASAP Please Comment

- | | |
|--|---|
| <input type="checkbox"/> Pursuant to our discussion | <input type="checkbox"/> For your information |
| <input type="checkbox"/> Review and call to discuss | <input type="checkbox"/> For discussion in meeting |
| <input type="checkbox"/> Review and comment in writing | <input type="checkbox"/> Please sign and return |
| <input type="checkbox"/> Review and edit for accuracy | <input type="checkbox"/> Hardcopy to follow in mail |

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If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.

Unocal Corporation
Diversified Businesses
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309

UNOCAL 76

January 20, 1997

Eva Chu
Alameda County
Department of Environmental Health
80 Swan Way, #200
Oakland, CA. 94621

UNOCAL SERVICE STATION # 5366
7375 Amador Valley Blvd.
Dublin, Ca.

West Region
Environmental Remediation Services

Dear Ms. Chu:

You should have previously received the latest groundwater monitoring report prepared by MPDS, Inc. and dated January 3, 1997. Based on the results, it is Union Oil of California's (d.b.a. Unocal) technical opinion that no further environmental remediation is required and the site should be closed.

The service station and all associated tanks and lines were removed in March of 1996. 817 cubic yards of impacted soil were excavated and removed from the site. 37,000 gallons of water were pumped from the excavations and hauled off site for disposal.

The effect of source removal was observed immediately in MW-5 during the next sampling event in May of 1996. TPHg levels dropped from 2,800 ppb to 71 ppb and benzene levels dropped from 75 ppb to 7.5 ppb. When compared to past events with similar depths to groundwater, such as November 1994, the effect of the source removal is even more striking. (well MW-5 depth on 11/94 was 10.09 feet, on 11/96 10.16 feet) TPHg levels in the November 1994 sampling event were 18,000 ppb and benzene was 2,400 ppb.

With the documented removal of the majority of the source of groundwater contamination and the confirmation of the effectiveness as seen in the quarterly monitoring data, it is Unocal's technical opinion that this site poses no threat to the environment or human health and safety. Additional groundwater monitoring is not needed and site closure should be granted.

If you have any questions or concerns, please call me at (510) 277-2334.

Sincerely,



Robert A. Boust
Senior Environmental Engineer

cc: Robert Raymond
Ron Bock

Unocal Corporation
Diversified Businesses
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309



January 20, 1997

Eva Chu
Alameda County
Department of Environmental Health
80 Swan Way, #200
Oakland, CA. 94621

West Region
Environmental Remediation Services

UNOCAL SERVICE STATION # 5366
7375 Amador Valley Blvd.
Dublin, Ca.

Dear Ms. Chu:

You should have previously received the latest groundwater monitoring report prepared by MPDS, Inc. and dated January 3, 1997. Based on the results, it is Union Oil of California's (d.b.a. Unocal) technical opinion that no further environmental remediation is required and the site should be closed.

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With the documented removal of the majority of the source of groundwater contamination and the confirmation of the effectiveness as seen in the quarterly monitoring data, it is Unocal's technical opinion that this site poses no threat to the environment or human health and safety. Additional groundwater monitoring is not needed and site closure should be granted.

If you have any questions or concerns, please call me at (510) 277-2334.

Sincerely,

A handwritten signature in cursive script that reads "Robert A. Boust".

Robert A. Boust
Senior Environmental Engineer

cc: Robert Raymond
Ron Bock

January 15, 1997

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Robert A. Boust, enclosed please find our report (MPDS-UN5366-12) dated January 3, 1997 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2334.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Robert A. Boust

ENVIRONMENTAL
PROTECTION
97 JAN 16 PM 3:38

December 2, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-11) dated October 2, 1996 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

ENVIRONMENTAL
PROTECTION
96 AUG 23 PM 2:49

53

August 21, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366) dated June 27, 1996 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



for Jarrel F. Crider

/dr

Enclosure

cc: Mr. Edward C. Ralston

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

StID 3169

June 28, 1996

Mr. Ed Ralston
UNOCAL
P.O. Box 5155
San Ramon, CA 94583

RE: Property Development at 7375 Amador Valley Blvd, Dublin

Dear Mr. Ralston:

Thank you for the submittal of KEI's June 5, 1996 Report of Destruction of Monitoring Wells MW1 through MW4 for the above referenced site. The four onsite monitorings wells were properly abandoned. The only remaining well, MW5, is located on the sidewalk. This well will continue to be sampled on a quarterly basis until further notice.

At this time, no further remediation and/or soil excavation will be required at the site. Therefore, there are no site management requirements by this Agency which would hinder the development of this site. However, efforts should be made so monitoring well MW5 is not damaged during construction.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Karl Diekman, Dougherty Regional Fire District
files

Unocal Corporation
Diversified Businesses
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309

ENVIRONMENTAL
PROTECTION
96 JUN 27 PM 3: 23



June 25, 1996

West Region
Environmental Remediation Services

Ms. Eva Chu
Alameda County Department of
Environmental Health (ACDEH)
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

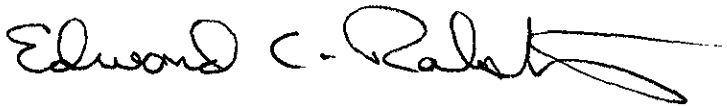
UNOCAL Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Please find attached Kaprealian Engineering's report documenting the destruction of all onsite monitoring wells located at the referenced site. As previously agreed, Unocal will continue to monitor and sample the remaining monitoring well. Unocal also requests that you provide us with a developability letter to expedite the pending sale of the property.

Unocal appreciates your time and efforts on this project. Thank you! Should you have any questions, please feel free to contact me at (510) 277-2311.

Sincerely,



Edward C. Ralston
Senior Environmental Geologist



KAPREALIAN ENGINEERING
INCORPORATED

KEI-P88-0205.R12
June 5, 1996

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, CA 94583

Attention: Mr. Edward C. Ralston

RE: Report of Destruction of
Monitoring Wells MW1 through MW4
Former Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Mr. Ralston:

This report documents the destruction of four monitoring wells, MW1 through MW4, at the subject site, in accordance with Kaprealian Engineering, Inc's. (KEI) work plan/proposal (KEI-P88-0205.P2) dated May 26, 1996. The wells, shown on the attached Figure 1, extended to a total depth of 20 feet below grade. With the approval of the Alameda County Health Care Services (ACHCS) Agency, the wells were destroyed to facilitate site development by the property owner. Permits were obtained from the Alameda County Flood Control and Water Conservation District (Zone 7) prior to beginning work.

Site background information and a summary of our most recent field activities are included in KEI's report (KEI-P88-0205.R11) dated April 15, 1996.

On May 30, 1996, existing monitoring wells MW1 through MW4 were destroyed by pumping neat cement grout into the well casings. The grout was pumped under pressure from the total depth of each well to the surface by the use of a 1.5-inch diameter PVC tremmie pipe plumbed with a flexible hose to a grout pump.

All soil materials generated during the well destruction operations were stored on-site and were covered with visqueen pending analysis and proper disposal.

DISTRIBUTION

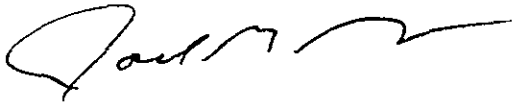
A copy of this report should be submitted to Ms. Eva Chu at the ACHCS.

KEI-P88-0205.R12
June 5, 1996
Page 2

If you have any questions regarding this report, please do not hesitate to call me at (510) 602-5100.

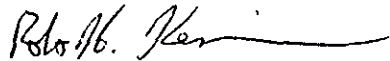
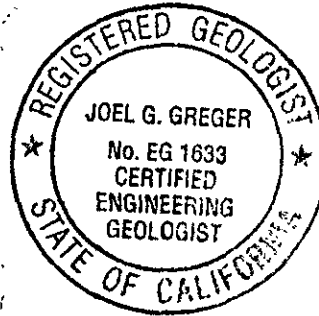
Sincerely,

Kaprealian Engineering, Inc.



Joel G. Greger, C.E.G.
Senior Engineering Geologist

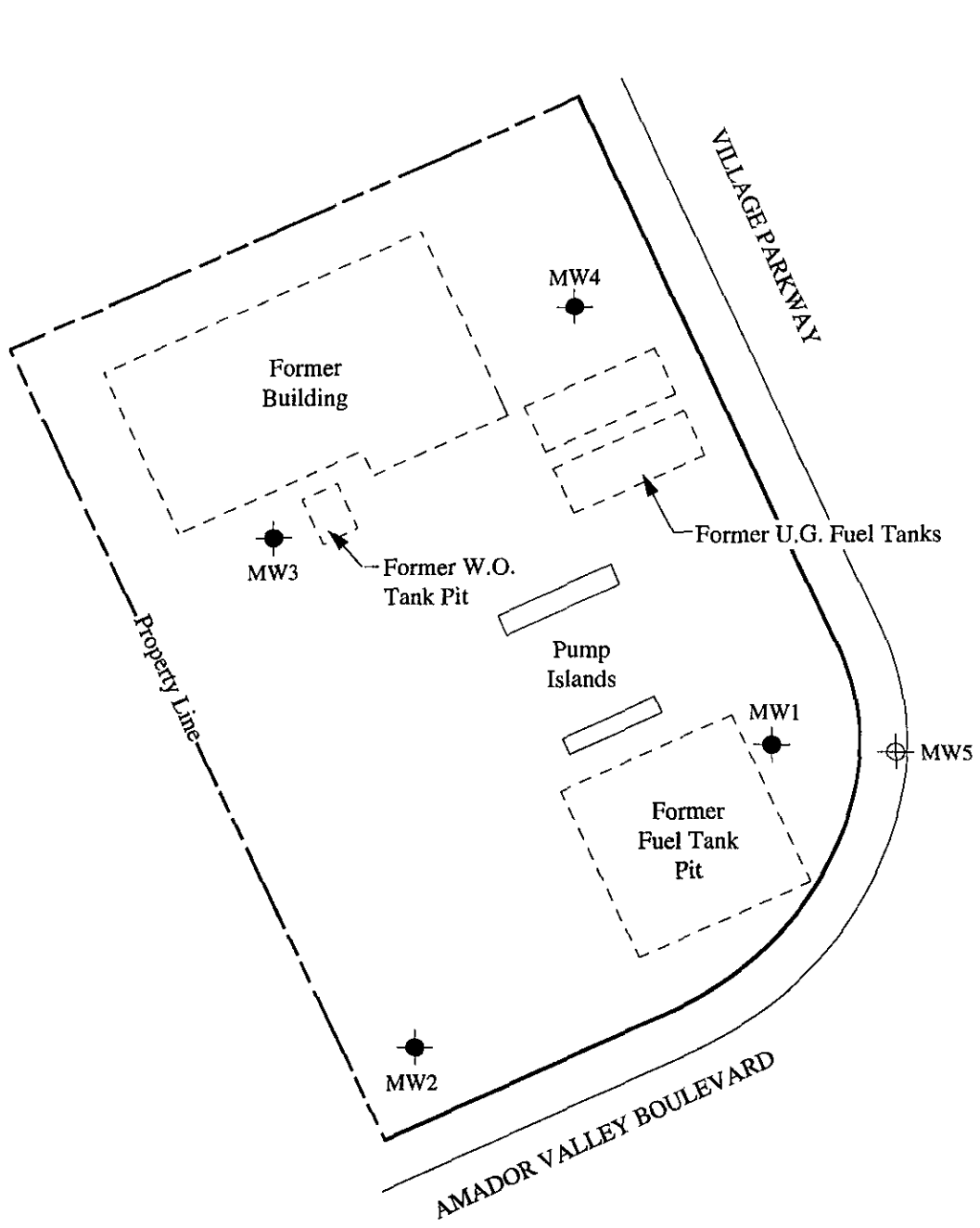
License No. EG 1633
Exp. Date 8/31/96



Robert H. Kezerian
Project Manager

/jad

Attachment: Figure 1



LEGEND

- ⊕ Monitoring well (existing)
- Monitoring well (destroyed)



SITE PLAN



**FORMER UNOCAL S/S #5366
7375 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA**

**FIGURE
1**

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6770

StID 3169

May 3, 1996

Mr. Ed Ralston
UNOCAL
P.O. Box 5155
San Ramon, CA 94583

RE: Well Decommission at 7375 Amador Valley Blvd, Dublin

Dear Mr. Ralston:

I have completed review of KEI's April 1996 Soil Sampling Report for the above referenced site. This report summarized the results of soil sampling following the removal of USTs, associated piping, hydraulic lifts, and oil/water separator. Verification sampling results indicated excavation activities removed most of the hydrocarbon-impacted soils. No further remediation and/or soil excavation appears warranted at this time.

This office concurs with the recommendation of KEI to decommission onsite monitoring wells MW-1 through MW-4 in order to facilitate site development. And, the remaining well MW-5 will be sampled quarterly until further notice. Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

If you have any questions, I can be reached at (510) 567-6762.

A handwritten signature in cursive script, appearing to read 'Eva Chu'.

eva chu
Hazardous Materials Specialist

c: files

1
POTENTIAL
PROTECTION
96 MAY -1 PM 2:12



KAPREALIAN ENGINEERING
INCORPORATED

April 30, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Former Unocal Service Station #5366
7375 Amador Valley Blvd.
Dublin, California

Dear Ms. Chu:

Per the request of Mr. Edward C. Ralston of Unocal Corporation, enclosed please find our report dated April 15, 1996, for the above referenced site.

If you should have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Judy A. Dewey
Executive Secretary

jad\82

Enclosure

cc: Edward C. Ralston, Unocal Corporation

April 24, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our most recent data most refer the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # 3169 Site Name Unocal Today's Date 3/20/96

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus Plan Sids 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

Site Address 7375 Amador Valley Blvd.
 City Dublin Zip 94 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

ON SITE
2:30 - 3:15
(plus travel)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OnSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On site to observe resultant excavation in the area of the southern dispenser island. Impacted material was removed to a depth of ~11' BG, abutting the (older) UST pit to the south. Sidewall samples (5) were collected from the final excavation. GW was noted in the excavation, appearing to flow into it from the (older) UST pit. Material at the base of the excavation was an apparent organic-rich clay, black in color.

Samples PSW1 - PSW4 and bottom sample P1(10) were collected.

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Groundwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| | <input type="checkbox"/> 7. Precs Tank Test 2643
Date: _____ |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing 2646 |
| | <input type="checkbox"/> 10. Ground Water. 2647 |
| New Tanks | <input type="checkbox"/> 11. Monitor Plan 2632 |
| | <input type="checkbox"/> 12. Access, Secure 2634 |
| | <input type="checkbox"/> 13. Plans Submit 2711
Date: _____ |
| | <input type="checkbox"/> 14. As Built 2635
Date: _____ |

Rev 8/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: _____

S. Sepoy
 II, III



76 PRODUCTS COMPANY

ENVIRONMENTAL PROTECTION

96 MAR 14 PM 2: 17

March 11, 1996

Ms. Eva Chu
Alameda County Health
Environmental Protection Division
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

**RE: UNOCAL SERVICE STATION # 5366
7375 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA 94539**

Dear Eva:


Enclosed, please find a completed Underground Storage Tank Unauthorized Release Report for the above referenced UNOCAL service station.

Petroleum hydrocarbon contamination was detected at this facility on March 7, 1996, during removal of the oil/water separator and dispensing island for a demolition project. It is my understanding that contamination has previously been identified at this facility, and the case is already under the jurisdiction of the oversight program.

Unocal CERT Engineer, Mr. Edward Ralston has been assigned to coordinate activity at this facility through closure. Edward can be reached as follows:

Mr. Edward Ralston (510)277-2311
Unocal CERT Department
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

Your assistance in this matter is appreciated. Should you have any questions, please call me at (714) 428-6557.

Sincerely

Lynda S. Chalom
Release Reporting Coordinator

LSC/lc

Enclosures

cc: R.E. Bock
S.K. Boyd
S. Le Beaux - BOM
D. Hoover - PTM
E. Ralston - w/incident report
J.M. Tyson
File

2929 East Imperial Highway
P O Box 2390
Brea, California 92622-2390
FAX (714) 572-7116
A U n o c a l C o m p a n y



Gettler - Ryan Inc.

FACSIMILE COVER SHEET

DATE: 2-22-96
(GR # 1155.01)

TO: Eva Chu FAX: 337 9335

COMPANY: ALCO ENVIRO HEALTH

RE: 40 hr CERTS



GETTLER-RYAN INC.

FROM:

BARRY E. MCCOY
HEALTH AND SAFETY MANAGER

PHONE
FAX:

6747 Sierra Ct., Suite J
Dublin, CA 94568

Direct (510) 551-7444 ext 253
Business (510) 551-7555
Fax (510) 551-7668

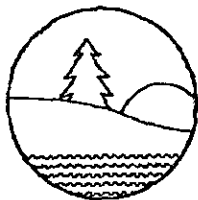
3 pages including cover.

If there are any problems with this transmission,
please call (510) 551-7555

COMMENTS:

NO Hardcopy will follow.

R2044



Environmental Health Consultants

Certificate of Completion

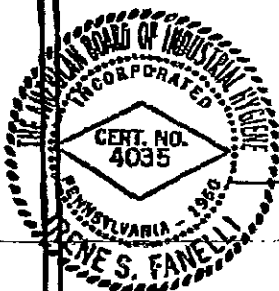
Barry E. McCoy

has successfully completed an eight hour refresher course in health and safety for hazardous waste site operations as required by 29 CFR 1910.120 (e) 8.

June 20, 1995

Dublin, California

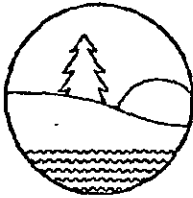
Course Date and Location



Gene S. Fanelli, CIH
Instructor

Instructor

S1141



Environmental Health Consultants

Certificate of Completion

Barry E. McCoy

*has successfully completed a basic course for supervision of
hazardous waste site operations as required by
29 CFR 1910.120 (e) 3.*

November 7, 1989

Doreen S. Lanelli, CIH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

Alameda County Environmental Health Dept.
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510)567-6700 fax: (510)337-9335

February 22, 1996

ROBERT H. LEE & ASSOCIATES, Inc.
ATTN: Zaiga Gianino, Project Coordinator
1390 Willow Pass Road, Suite 420
Concord, CA 94520

Dear Zaiga Gianino,

Enclosed you will find your company's check #0000; it was not necessary since the Unocal S.S. #5366, Dublin, CA is listed on our Local Oversight Program. Therefore, we are returning your check to you.

Thank you for your attention to the matter. Your project papers submitted along with maps have been forwarded to the LOP inspector Ms. Eva Chu for processing. We are aware of your time frame for removing the underground storage tanks. We will be in contact with your office within that time frame.

If you have concerns not addressed in this letter you may contact her at (510) 567-6762.

Very truly yours

Juliette D. Blake, SCI
Environmental Protection Division

c: E. Chu

ROBERT H. LEE & ASSOC. INC
1390 WILLOW PASS RD, STE 420
CONCORD CA 94520
(510) 609-6300

90-78/1211

FEB 21 19 96

PAY TO THE ORDER OF COUNTY OF ALAMEDA

\$ 1188⁰⁰

ONE THOUSAND ONE HUNDRED EIGHTY EIGHT DOLLARS



Concord Office
1390 WILLOW PASS RD., STE. 100
CONCORD, CALIFORNIA 94520

FOR RENUAL RENT DEPOSIT (117.30)

⑆ 121100782 ⑆

⑆ 32008808 ⑆

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS

SERVICES, INCORPORATED

ENVIRONMENTAL
PROTECTION
28 FEB 15 PM 1:13

February 14, 1996

2/16/96 Station is scheduled for future
demolition. Any residual
soil contam. can be removed at
time of UST removal

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

Attention: Ms. Eva Chu

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our most recent data report for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

November 30, 1995

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

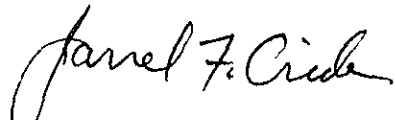
RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-07) dated September 19, 1995 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

ENVIRONMENTAL

95 AUG 22 PM 2:04

D.2

9/12/95

*Has it been in use?
if so, which wells*

August 21, 1995

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

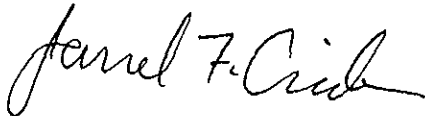
RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-06) dated June 22, 1995 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

ACORD CERTIFICATE OF INSURANCE

DATE (MM/DD/YY)
06/21/95

PRODUCER

Matsen Insurance Brokers
100 Stony Point Road Ste.160
Box 907
Santa Rosa, CA 95402

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY	A General Star Indemnity
COMPANY	B Aetna Life and Casualty Company
COMPANY	CTIG Insurance
COMPANY	D

INSURED

Gettler-Ryan, Inc.
6747 Sierra Court, Suite J
Dublin, CA 94568

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CD LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	IYG321584A	04/01/95	04/01/96	GENERAL AGGREGATE \$3,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG \$3,000,000
	<input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR				PERSONAL & ADV INJURY \$3,000,000
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE \$3,000,000
	<input checked="" type="checkbox"/> BI/PD Ded: 5,000				FIRE DAMAGE (Any one fire) \$50,000
					MED EXP (Any one person) \$Excluded
B	AUTOMOBILE LIABILITY	FJ24794585	04/01/95	04/01/96	COMBINED SINGLE LIMIT \$1,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE \$
	<input type="checkbox"/> HIRED AUTOS				
	<input type="checkbox"/> NON-OWNED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY: \$
					EACH ACCIDENT \$
					AGGREGATE \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	<input type="checkbox"/> UMBRELLA FORM				AGGREGATE \$
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WCN80577713	04/01/95	04/01/96	<input checked="" type="checkbox"/> STATUTORY LIMITS \$
					EACH ACCIDENT \$1,000,000
	THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input checked="" type="checkbox"/> EXCL				DISEASE - POLICY LIMIT \$1,000,000
	OTHER				DISEASE - EACH EMPLOYEE \$1,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

Alameda County, its Board of Supervisors, officers, agents and employees are included as Additional Insureds, but county is not liable to (See Attached Schedule.)

CERTIFICATE HOLDER

Alameda County General Services
Agency - Engineering &
Environmental Management
1401 Lakeside Drive, #1115
Oakland, CA 94612
Attn: IONA GAGE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

J. Bossert

DUBLIN
SAN RAMON
SERVICES
DISTRICT



7051 Dublin Boulevard
Dublin, California 94568
FAX: 510 829 1180
510 828 0515

FACSIMILE INFORMATION TRANSMITTAL

FAX: (510) 829-1180

NUMBER OF PAGES (including this transmittal page): 2

DATE: April 13, 1995

TO: Eva Chu

Fax # 337-9335

FROM: Emil Kattan

REGARDING: Village Parkway - Arroyo Valley Blvd.
Screen mains

PLEASE TELEPHONE OUR OFFICE IMMEDIATELY IF YOU DO NOT RECEIVE ALL PAGES AS DESIGNATED ABOVE. OUR TELEPHONE NUMBER IS (510)828-0515.

THANK YOU!

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS

ENVIRONMENTAL
SERVICES, INCORPORATED

95 APR -7 PM 1:13

STD
3169

April 6, 1995

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94261

2000ppb TPH-D in MW5 -
continue to analyze for TPH-D also.

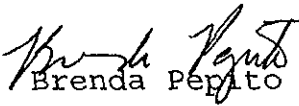
RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-05) dated March 15, 1995, for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.


Brenda Pepato

/bp

Enclosure

cc: Mr. Edward C. Ralston

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335

office copy

Washburn 2/12/96
Note changes/additions in Red

ACCEPTED

Underground Storage Tank Closure Permit Application
 Alameda County Division of Environmental Health
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your Closure Plan indicated by this Department are to resolve an administrative and local law. The project proposed here is to be released for issuance of any required building permit and construction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved in the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department. All changes must be approved by the Department. Changes must be submitted to the Department of State and local laws. Any Department at least 72 hours prior to any required inspections.

- ✓ Removal of Tank(s) and Filling
- ✓ Sampling
- Final Inspection

issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Unocal Service Station #5366
 Business Owner or Contact Person (PRINT) UNOCAL
2. Site Address 7375 Amador Valley Boulevard
 City Dublin Zip 94539 Phone _____
3. Mailing Address 2000 Crow Canyon Place, Suite 400
 City San Ramon Zip 94583 Phone 510-277-2300
4. Land Owner Union Oil Company dba/UNOCAL
 Address 2000 Crow Canyon Pl. Ste 400 City, State San Ramon, CA Zip 94583
5. Generator name under which tank will be manifested Unocal

 EPA I.D. No. under which tank will be manifested CAD982055949

6. Contractor Gettler-Ryan Construction
Address 6747 Sierra Court, Suite J
City Dublin Phone 510-551-7555
License Type* B HAZ C61/D40 A C57 ID# 220793

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) R.H.Lee & Assoc., Zaiga Gianino
Address 1390 Willow Pass Road, Suite 420
City Concord, CA 94520 Phone 510-609-6300

8. Contact Person for Investigation (if applicable)
Name Ron Bock Title Manager Remediation Proj.
Phone 510-277-2300

9. Number of tanks being closed with this plan 3 (three)
Length of piping being removed under this plan Approx. 200'
Total number of underground tanks at this facility (**confirmed with owner or operator) 3 (three)

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter

Name Erickson Incorporated EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 5-31-96
Address 255 Parr Boulevard
City Richmond State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Erickson Incorporated EPA ID# CAD009466392
Address 255 Parr Boulevard
City Richmond State CA Zip 94801

c) Tank and Piping Transporter

Name Erickson Incorporated EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 5-31-96
Address 255 Parr Boulevard
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson Incorporated EPA I.D. No. CAD009466392
Address 255 Parr Boulevard
City Richmond State CA Zip 94801

11. Sample Collector

Name Tim Ross
Company Kaprealian Engineering
Address 2401 Stanwell Drive, Suite 400
City Concord State CA Zip 94502 Phone 510-602-5100

12. Laboratory

Name Sequoia Analytical Labs
Address 404 N. Wiget Lane
City Walnut Creek State CA Zip 94598
State Certification No. 145

13. Have tanks or pipes leaked in the past? Yes[] No[] Unknown[X]

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

15 pounds of CO2 in the form of dry ice for each 1,000 gallons

of tank capacity will be placed in each tank.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, ground water)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
12,000	-Tank installed 1988 -Regular unleaded gasoline -11/95 last use date*	soil, water if applicable	(2) ³ Confirmatory samples will be taken from beneath each fuel tank & (1) confirmatory sample beneath the waste oil tank two feet below native soil/backfill interface. One sample at each end of fuel tanks, one sample centrally located beneath the waste oil tank and one sample of native soil under piping at 20' intervals and at elbows/ bends
12,000	-Tank installed 1988 -Super unleaded gasoline -11/95 last use date*		
520	-Tank installed 1988 -Motor waste oil -11/95 last use date*		
* estimated			

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 450 Cu.Yds.	Sampling Plan <i>One composite sample, consisting of four individual brass sampling cylinders will be analyzed for every 50 cubic yards of soil. Samples will be analyzed for TPHG and BTXE. If detectable amounts of petroleum hydrocarbons are found, samples will be tested for lead.</i>

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after the tank removal? yes no unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:
 The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
 See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Containment Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit	
			SOIL	WATER
PRODUCT TANKS TPH G & BTXE <i>UADA</i> WASTE OIL TANK	GCFID 5030, WATER & SOIL <i>ESAD (3510)</i>	MOD. 8015, 8020, OR 8240, SOIL 602 OR 624, WATER <i>8015</i>	SOIL 1.0	WATER 50.0 0.005 0.5
TPH G TPH D TPH & BTXE O & G BTXE CL HC ICAP or AA SVOCs	GCFID 5030, 3550, SOIL GCFID 5030, 3510, WATER	8260, 5520 D & F, 8240 or 8010 & 8020, 8270, SOIL 5520 B & F, 602, 624 or 8260 & 601, 8270, WATER 8270	1.0 1.0	50.0 50.0 50.0 5,000.0 .005 0.5

Oil/water samp: TOS, SVOC, HUC, VOC, TPH-G/D, metals

18. Submit Worker's Compensation Certificate copy
 Name of Insurer TIG Insurance
19. Submit Plot Plan ***** (See Instructions) *****
20. Enclose Deposit (See Instructions)
21. **Report any leaks or contamination to this office within 5 days of discovery.**
 The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form
22. Submit a closure report to this office within 60 days of the tank removal.
 This report must contain all the information listed in item 22 of the instructions.
23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed") in the upper right hand corner)

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain an approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business Gettler-Ryan Construction

Name of Individual _____

Signature _____ Date _____

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Robert H. Lee & Assoc., Inc. (Agent for Unocal -owner)

Name of Individual Zaiga Gianino, Project Coordinator

Signature *Zaiga Gianino* Date February 20, 1996

white -env. health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Unocal Today's Date 3/8/96
Site Address 7375 Amador Valley Blvd
City Dublin Zip 945 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?	11-12:15	on-site
Inspection Categories:	1:15-4	
<input type="checkbox"/> I. Haz. Mat/Waste GENERATOR/TRANSPORTER		
<input checked="" type="checkbox"/> II. Hazardous Materials Business Plan, Acutely Hazardous Materials		
<input type="checkbox"/> III. Under ground Storage Tanks		

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On-site to witness removal of 2 x 12,000 fuel USTs and one 520 waste oil UST installed during 1988. Russ Reid (Dougherty Fire) was on-site to verify tank integrity - all were below 5% LEL. Unocal was represented by Ed Ralston, among others.raig Kevork (Kaprealian) was the sampler.

Closure

All tanks were of double wall, steel construction, and were completely intact. GW was noted in the base of the fuel UST excavation, at a depth of ~10' BG; GW was also evident @ ~9' BE in the waste oil pit after removal of substantial pea gravel (possibly present from 1988 over excavation). - all tanks.

Dispenser

Samples were first collected below dispenser clusters of both islands, and where pipe "Ts" were located - a total of 7 samples.

Tanks

Because of the presence of GW in both UST pit, samples were collected from sidewalls @ GW/vadose interface: ~10' BE in the fuel UST pit, and ~9' BE in the waste oil pit. Two (2) samples were collected adjacent the ends of each tank - 6 total.

oil/water sump

A single sample was collected below sump (~5 1/2' BE) to be tested for typical waste oil constituents. Initial sample depth exhibited strong fuel odor - excavation was extended to ~10' in several rounds and resampled.

hydraulic lifts

One sample collected from below each, two (2) total.

Contact Ed Ralston
Title SR. ENV. GEOLOGIST
Signature Ed Ralston

Inspector S. SEERY
Signature _____

II, III

UNOCAL 76

① When sampling MW-1 and
MW-5 - Analyze for DO in
both wells

March 15, 1995

Ms. Eva Chu
Alameda County Health Care
Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

North Region
Corporate Environmental Remediation & Technology

Dear Ms. Chu:

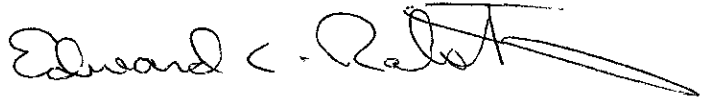
This letter has been prepared to review remedial options for the subject site, as agreed upon in our meeting on January 25, 1995. Based on Kaprealian Engineering, Inc's. (KEI) review of feasible remedial options for the site, Unocal proposes a strategy of enhanced bioremediation and plume monitoring, which includes the following: (1) evaluation of groundwater gradient and water quality data for potential migration of contaminants, (2) continuation of the joint monitoring program with Shell, BP, and Arco, and (3) implementation of a enhanced bioremediation program utilizing an oxygen-releasing compound (magnesium peroxide) that will initially be added to monitoring well MW1. After the results of a six-month oxygenation period for well MW1 are evaluated, a determination will be made whether to include MW5 in the bioremediation program.

Soil samples collected during the installation of monitoring wells MW1 through MW5, indicate that both the unsaturated zone and the first water bearing zone penetrated by the five existing wells at the site consist predominantly of clay or silty clay with minor amounts of clayey silt. Therefore, the predominantly clayey lithology at the site precludes the use of conventional remediation alternatives (groundwater and/or vapor extraction). Petroleum hydrocarbon impacted soil was previously overexcavated in the vicinity of the former tank pit; however, the extent of overexcavation was limited to the northwest due to the proximity of the dispenser islands. Further excavation of soil in the vicinity of wells MW1 and MW5 will also be limited due to the proximity of Amador Valley Boulevard and Village Parkway. Therefore, enhanced bioremediation was selected as the most feasible means of addressing groundwater at the subject site. This option will also minimize the potential migration of contamination from the nearby sites onto the Unocal site.

Unocal is currently negotiating with the manufacturer (Regenesis) of the oxygen-releasing compound to provide the necessary supplies needed to implement the program at the Unocal site. Unocal anticipates that the oxygen-releasing compound will be installed no later than May 1, 1995.

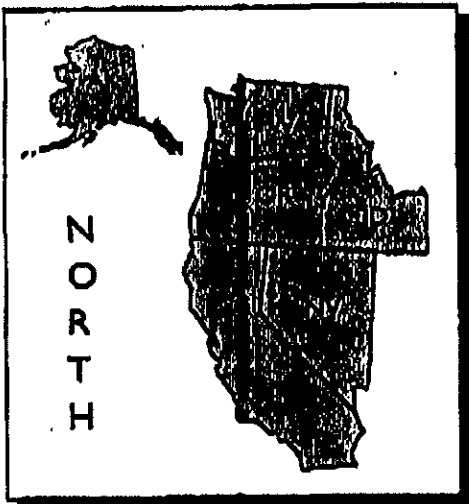
If you have any questions, please feel free to contact me at (510) 277-2311.

Sincerely,

A handwritten signature in black ink that reads "Edward C. Ralston". The signature is written in a cursive style with a long, sweeping underline that extends to the right.

Edward C. Ralston
Senior Environmental Geologist

cc: Thomas J. Berkins, KEI
Rick Sisk, Unocal Corporation



UNOCAL ●
C E R T

FAX

CERT - NORTH REGION
2000 CROW CANYON PLACE, STE 400
SAN RAMON, CA 94583
FAX NO. (510) 277-2309

TO: EVA CHU
COMPANY: ALAMEDA CTY HEALTH CARE
FAX NO.: (510) 337-9335
DATE: 3/15/95 PAGES SENT: 2 + COVER

This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.

FROM: ED RALSTON
PHONE: 277-2311
COMMENTS: EVA

HAND COPY TO FOLLOW IN MAIL;
ALSO LETTER ADDRESSING BP-0362 LIVERMORE



820



Unocal Corporation
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309

UNOCAL 76

March 15, 1995

North Region
Corporate Environmental Remediation & Technology

Ms. Eva Chu
Alameda County Health Care
Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:


This letter has been prepared to review remedial options for the subject site, as agreed upon in our meeting on January 25, 1995. Based on Kaprealian Engineering, Inc.'s (KEI) review of feasible remedial options for the site, Unocal proposes a strategy of enhanced bioremediation and plume monitoring, which includes the following: (1) evaluation of groundwater gradient and water quality data for potential migration of contaminants, (2) continuation of the joint monitoring program with Shell, BP, and Arco, and (3) implementation of a enhanced bioremediation program utilizing an oxygen-releasing compound (magnesium peroxide) that will initially be added to monitoring well MW1. After the results of a six-month oxygenation period for well MW1 are evaluated, a determination will be made whether to include MW5 in the bioremediation program.

Soil samples collected during the installation of monitoring wells MW1 through MW5, indicate that both the unsaturated zone and the first water bearing zone penetrated by the five existing wells at the site consist predominantly of clay or silty clay with minor amounts of clayey silt. Therefore, the predominantly clayey lithology at the site precludes the use of conventional remediation alternatives (groundwater and/or vapor extraction). Petroleum hydrocarbon impacted soil was previously overexcavated in the vicinity of the former tank pit; however, the extent of overexcavation was limited to the northwest due to the proximity of the dispenser islands. Further excavation of soil in the vicinity of wells MW1 and MW5 will also be limited due to the proximity of Amador Valley Boulevard and Village Parkway. Therefore, enhanced bioremediation was selected as the most feasible means of addressing groundwater at the subject site. This option will also minimize the potential migration of contamination from the nearby sites onto the Unocal site.

Unocal is currently negotiating with the manufacturer (Regenesis) of the oxygen-releasing compound to provide the necessary supplies needed to implement the program at the Unocal site. Unocal anticipates that the oxygen-releasing compound will be installed no later than May 1, 1995.

If you have any questions, please feel free to contact me at (510) 277-2311.

Sincerely,



Edward C. Ralston
Senior Environmental Geologist

cc: Thomas J. Berkins, KEI
Rick Siak, Unocal Corporation

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS SERVICES, INCORPORATED

February 7, 1995

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-05) dated January 4, 1995 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

Ask for decision of approval to do remediation using Mg O₂, and possible NAA, provided one MW installed in return strip where sewer trench may be.

554 01 0-01313

JAN 17 1995

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

StID 3169

December 6, 1994

Mr. Ed Ralston
UNOCAL
P.O. Box 5155
San Ramon, CA 94583

RE: Groundwater Remediation at Unocal Service Station #5366,
7375 Amador Valley Blvd, Dublin 94568

Dear Mr. Ralston:

In your letter dated September 15, 1994, you stated that Unocal is currently evaluating alternative groundwater techniques for the cleanup of contamination in wells MW-1 and MW-5. To date, I have not received any proposals to address site cleanup. Please be advised, that Unocal should also evaluate possible technologies to prevent further migration of contaminants offsite. And, sewer mains which may act as conduits for offsite migration should also be investigated.

Please submit a workplan for additional site investigations to this office within 30 days of the date of this letter, or **by January 15, 1995**. If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: files

ALCO
HABITAT
94 NOV 15 PM 4:02

November 14, 1994

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-03) dated September 23, 1994 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Edward C. Ralston

11/29/94 (TPH) and (benzene) have dropped,
but so has GW elevation ~1.2 - 1.3'
but (benzene) still higher as before.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 3169

August 1, 1994

Mr. Ed Ralston
UNOCAL
P.O. Box 5155
San Ramon, CA 94583

**RE: Off-Site Investigation at Unocal Station #5366, 7375 Amador
Valley Blvd, Dublin 94568**

Dear Mr. Ralston:

I have completed review of MPDS' June 1994 Quarterly Data Report for the above referenced site. Since the installation of well MW5, elevated levels of TPH-G and BTEX have been detected in the groundwater samples. At this time, additional investigations are required to delineate the extent of the contaminant plume. A workplan for the proposed investigation is due by **September 19, 1994**.

If you have any questions, I can be reached at (510) 567-6700.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Eva Chu'.

eva chu
Hazardous Materials Specialist

cc: files

*9/30/94 left msg w/ Ed Ralston to
call - to see if wp to delineate plume
is on the way*

■ MONITORING
■ PURGING
■ DISPOSING
■ SAMPLING

MPDS

SERVICES, INCORPORATED

ALCO
HAZMAT
SH JUL 21 PM 4:00

July 19, 1994

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94261

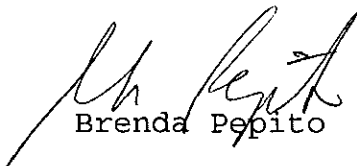
RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-02) dated June 29, 1994, for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.


Brenda Pepito

/bp

Enclosure

cc: Mr. Edward C. Ralston

- Contamination may be affecting MW-6 at former Shell site.
- offsite investigation required

555-2615

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 3169

May 11, 1994

Mr. Ed Ralston
UNOCAL
P.O.Box 5155
San Ramon, CA 94583

**Subject: QMR for Unocal Station #5366, 7375 Amador Valley Blvd,
Dublin, CA 94568**

Dear Mr. Ralston:

I have completed review of KEI's April 1994 Continuing Ground Water Investigation report for the above referenced site. This report summarizes the installation of a monitoring well and laboratory analytical results of groundwater samples collected in February 1994. With the installation of the recent well, it still appears the extent of groundwater contamination at the site has not been completely defined. At this time, Unocal should continue with quarterly sampling of wells MW-1 and MW-5, and annual sampling of wells MW-2, MW-3, and MW-4. Should well MW-5 continue to show elevated levels of petroleum hydrocarbons, additional investigations to delineate the extent of the plume will be required.

If you have any questions, I can be reached at (510) 271-4530.

Sincerely,

Eva Chu
Hazardous Materials Specialist

cc: Tim Ross, KEI, 2401 Stanwell Dr, Suite 400, Concord 94520
files

unocald1.5

MPDS
SERVICES, INCORPORATED

ALCO
HAZMAT
94 MAY -4 PM 2:50

See
7/1/94

May 2, 1994

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94261

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Per the request of the Unocal Corporation Project Manager, Mr. Edward C. Ralston, enclosed please find our report (MPDS-UN5366-01) dated March 21, 1994, for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2311.

Sincerely,

MPDS Services, Inc.

for: Deanna L. Harding
Deanna L. Harding
Technical Assistant

/bp

Enclosure

cc: Mr. Edward C. Ralston



KAPREALIAN ENGINEERING
INCORPORATED

ALCO
HAZMAT

94 JAN -5 PM 3:46

January 4, 1994

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

RE: Unocal Service Station #5366
7375 Amador Valley Boulevard
Dublin, California

Gentlemen:

Per the request of Mr. Edward C. Ralston of Unocal Corporation, enclosed please find our report dated December 22, 1993, for the above referenced site.

If you should have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Judy A. Dewey

jad\82

Enclosure

cc: Edward C. Ralston, Unocal Corporation

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

StID 3169

August 6, 1993

Mr. Ed Ralston

UNOCAL

P.O. Box 5155

San Ramon, CA 94583

**Subject: Additional Monitoring Well Installation at Unocal
Station 5366, 7375 Amador Valley Blvd., Dublin 94568**

Dear Mr. Ralston:

This office has completed review of Kaprealian Engineering's Work Plan/Proposal, dated July 7, 1993, for the installation of one additional monitoring well to further define the extent of soil and ground water contamination at the above referenced site. The workplan is acceptable and field work should commence **within 45 days of the date of this letter.**

If you have any question, I can be reached at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Eva Chu'.

eva chu

Hazardous Materials Specialist

cc: Tim Ross, KEI, 2401 Stanwell Dr., Suite 400, Concord 94520
files

unocald1.4

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309

✓
u
7/1/93

UNOCAL 

July 01, 1993

Ms. Eva Chu
Alameda County Health Care
Services Agency
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

Northern Region
Corporate Environmental
Remediation & Technology

UNOCAL SERVICE STATION #5366
7375 Amador Valley Boulevard
Dublin, California

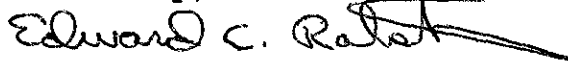
Dear Ms. Chu:

In response to your recent letter dated May 21, 1993, Kaprealian Engineering is preparing a workplan for the installation of one additional downgradient well. Barring any unforeseen problems with underground utilities, the well will be installed in the city sidewalk east of MW1, downgradient of the former tank pit. It is anticipated that this well will help define the extent of soil and groundwater contamination in this area.

In conjunction with the permitting and installation of the additional monitoring well, KEI will again review the files for the adjacent Arco station to determine the status and effectiveness of their remedial measures. After reviewing this information and the analytical results from the new monitoring well, a Corrective Action Plan (CAP) will be submitted as per your request. The CAP will outline any additional warranted work for site delineation and will present an evaluation of alternatives for site cleanup.

Should you have any question regarding this matter, please feel free to contact me at (510) 277-2311.

Sincerely,



Edward C. Ralston
Environmental Geologist

cc: R.E. Bock, UNOCAL
R. Hiett, RWQCB
T. Ross, KEI

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

StID 3169

May 21, 1993

Mr. Ed Ralston
UNOCAL
P.O. Box 5155
San Ramon, CA 94583

**Subject: CAP for Unocal Station No. 5366, 7375 Amador Valley
Blvd., Dublin**

Dear Mr. Ralston:

In a recent meeting, December 1992, with Mr. Ron Bock of UNOCAL, it was agreed that the extent of soil and groundwater contamination east of monitoring well MW-1 has not been completely defined. To date, this office has not received a workplan detailing work intended to delineate the contamination and feasible alternatives to remediate the site.

At this time, pursuant to Section 2721 et seq. of Article 11, Title 23, California Code of Regulations, you are hereby requested to develop a Corrective Action Plan (CAP) for further investigation of this site, and to identify and evaluate all feasible alternatives for cleanup of soil and groundwater, both on- and off-site, caused by the unauthorized release of petroleum products.

The referenced CAP is due in this office within 45 days of the date of this letter. Include a time schedule for the completion of each aspect of the remediation process, as well as a proposal for the determination of the lateral extent of soil contamination at this site.

Should you have any questions, I can be reached at 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Eva Chu".

eva chu
Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB
files

Handwritten initials in a circle, possibly "RH".

unocald3



KAPREALIAN ENGINEERING
INCORPORATED

04/12/93 11:57

April 12, 1993

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

RE: Unocal Service Station #5366
7375 Amador Valley Blvd.
Dublin, California

Gentlemen:

Per the request of Mr. Edward C. Ralston of Unocal Corporation, enclosed please find our report dated March 29, 1993, for the above referenced site.

If you should have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Judy A. Dewey

jad\82

Enclosure

cc: Ed Ralston, Unocal Corporation

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StIDS 3169 and 2465

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

January 5, 1993

Ron Bock
UNOCAL
P.O.Box 5155
San Ramon, CA 94583

**Subject: Response to Letter of December 30, 1992, Summarizing
Meeting of November 18, 1992**

Dear Mr. Bock:

I have reviewed your letter of December 30, 1992 and have the following comments to clarify additional work which should be considered for the UNOCAL stations in Livermore and in Dublin.

UNOCAL Service Station No. 6034, Livermore

1. The groundwater flow has not been consistently to the northwest. Gradient fluctuates from west to north. Monitoring well MW7 is located northwest of the UST pit, and at times is cross-gradient from the pit. A monitoring well should be installed 20' from the pit in the westerly direction. This well may more accurately define the groundwater contaminant plume.
2. This office is requiring Chevron to take corrective action for the remediation of on- and off-site contamination due to the release of petroleum hydrocarbons from their site.

UNOCAL Service Station No. 5366, Dublin *7375 Amador Valley Blvd*

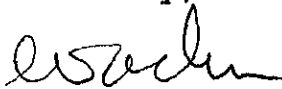
1. Annual sampling of monitoring wells MW2, MW3, and MW4 should be performed when groundwater elevation is at its seasonal high, February or March. This should continue until further notice. UNOCAL is not to discontinue sampling of these wells without prior approval from the RWQCB or this office.
2. It is agreed that the extent of contamination in the vicinity of MW1 has not been completely defined. If drilling is not practical due to safety and accessibility reasons, efforts should be made to prevent potential offsite migration of contaminated groundwater. This could involve soil vapor extraction or other feasible alternatives.

Ron Bock
UNOCAL
re: Stations 6034 and 5366
January 5, 1993

Page 2

Should you have any questions or comments, I can be reached at
(510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

cc: Rich Hiett, RWQCB
Edgar Howell/files *EH*

unocald2
unocal13

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583
Telephone (510) 867-0760
Facsimile (510) 277-2309



December 30, 1992

Northern Region
Corporate Environmental
Remediation & Technology

Ms. Eva Chu
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, Ca 94621

**SUMMARIZATION OF MEETING ON
NOVEMBER 18, 1992**

Unocal Service Station No. 6034
4700 First Street
Livermore, California

→ Unocal Service Station No. 5366
7375 Amador Valley Boulevard
Dublin, California

Dear Ms. Chu:

This letter has been prepared in order to summarize the items discussed and agreed to in our November 18, 1992 meeting pertaining to the two referenced sites. However, before proceeding with the summary, I would like to again thank you for taking the time to sit down and discuss the work that has been performed at the two sites. I have found that these face-to-face meetings are usually successful in resolving concerns over the direction of an environmental investigation, and I encourage them whenever possible.

As outlined in our meeting, it has been and still is our intention to immediately address and assess contamination that is encountered at any of our facilities. Unocal typically performs source removal work (i.e., tank and product piping removal, excavation of contaminated soil, purging of the tank pit groundwater, etc.) where feasible, in order to eliminate the source of contamination at a given site. Following the source removal work, a soil and groundwater investigation is typically implemented. The purpose of the investigation is to define the extent of contamination where feasible and to determine if there are any potential receptor areas that contamination from our site may impact. Once the investigation is completed, an evaluation is

performed to determine if monitoring, remediation, or other work is warranted at the site. As discussed in our meeting, this is the general methodology that has been followed at both the Livermore and Dublin sites.

**Environmental Investigative/Remedial Tasks Performed at Service Station No. 6034,
Livermore, California** 4700 First St. Livermore

As part of Unocal's routine tank replacement program to upgrade our facilities with "state-of-the-art" double-wall underground tanks and piping, the former underground tanks and piping were removed and replaced in August of 1989. Upon removal, six soil samples were collected from beneath the former fuel tanks, one soil sample was collected from beneath the former waste oil tank, and seven soil samples were collected within the pipe trenches. Analysis of the soil samples all showed low to non-detectable levels of hydrocarbon contamination, except for the sample collected beneath the northern corner of the fuel tank pit, which showed 390 ppm of TPH as gasoline. However, this area was subsequently overexcavated to the groundwater depth (approximately 17.5 feet below grade) to remove the source of contamination.

Based on RWQCB guidelines, a soil and groundwater investigation was then initiated at the site. To date, a total of seven monitoring wells have been installed at the site. The groundwater flow direction has consistently been to the northwest. Based upon the analytical results of the soil and groundwater samples collected to date, the following can be concluded:

- No. to north and to west also*
1. The extent of soil and groundwater contamination in the downgradient direction of the Unocal site has been defined. The contamination does not extend off the Unocal parcel.
 2. Dissolved hydrocarbons have been present in the groundwater samples collected from the well adjacent to the fuel tank pit.
 3. Upgradient monitoring wells MW4 and MW5 have consistently shown detectable concentrations of petroleum hydrocarbons.

As discussed, an ongoing environmental investigation/remediation effort is being conducted at the upgradient Chevron site due to a past product release. A groundwater remediation system was previously installed by Chevron and operated for an undetermined period of time. This system has apparently been shut down and is no longer in operation. Chevron has installed 19 monitoring wells at and in the vicinity of their site, with several of the wells still showing elevated levels of dissolved petroleum hydrocarbons.

The consultants for Unocal and Chevron are currently performing a joint quarterly monitoring and sampling program of the wells at the respective sites. Based on the data collected to date, the Chevron site is upgradient of the Unocal site and it appears that contamination from the Chevron release may have migrated off-site and impacted our upgradient wells MW4 and MW5.

Unocal is planning to continue the joint groundwater monitoring and sampling program. However, Unocal is concerned about the groundwater contamination present in our upgradient

wells that appears to have migrated from the Chevron site. If the contaminant concentrations in our upgradient wells increase, or if evidence occurs that this contamination is migrating further on our site, Unocal will request that your office require Chevron to take corrective action.

In summary, based on the information presented above, including the fact that contaminant source removal work has been performed at the Unocal site during the tank replacement project, and that any residual contamination from the Unocal site is isolated to the vicinity of the fuel tank pit and has not migrated off-site, it is our opinion that no further contamination delineation nor active remediation work is warranted for the Unocal site at this time. However, if remediation is deemed to be warranted at the Unocal site in the future, Unocal shall only be responsible for the contamination that is the result of Unocal operations.

Environmental Investigation/Remedial Tasks Performed at Service Station 5366, Dublin

7375 Amador Valley Blvd

The underground storage tanks and piping at this site were removed and replaced with double-wall underground tanks and piping in late 1987/early 1988. Contaminated soil was encountered at the site in the vicinity of the waste oil and fuel tanks during their removal. Contaminated soil was overexcavated in the vicinity of the waste oil tank, and the analytical results of the final soil samples collected from the base of the excavation indicated that the majority of the contaminated soil had been removed. Contaminated soil was also encountered in the vicinity of the former fuel tank pit. To effectively eliminate the source of contamination, the fuel tank pit was overexcavated to a depth of about 13 feet below grade (i.e., about 2.5 feet below the groundwater depth at that time) and approximately 9,000 gallons of groundwater were purged from the tank pit.

The sidewall soil samples collected from the fuel tank pit excavation showed TPH as gasoline and TPH as diesel concentrations ranging from non-detectable to 83 ppm, except for one sidewall sample that showed 1,700 ppm of TPH as gasoline. Unfortunately, the sidewall that showed the 1,700 ppm of TPH as gasoline was located adjacent to the southerly pump island and canopy footing. Therefore, overexcavation of this sidewall was not feasible due to concerns about the structural stability of the pump island and canopy.

In accordance with RWQCB guidelines, a contamination assessment was initiated in 1988 to determine if soil and groundwater had been impacted. The assessment included the installation of four monitoring wells. Each of the wells was placed on a monthly monitoring and quarterly sampling program beginning in April 1988. The extent of this monitoring and sampling program was reduced in May 1990 to include only sampling of MW1 since groundwater samples collected from MW2, MW3 and MW4 indicated non-detectable concentrations of TPH as gasoline and benzene for the three preceding consecutive quarters.

Beginning on May 22, 1992 annual sampling of upgradient well MW2 was implemented. The groundwater sample collected from this well on this date also showed non-detectable

concentrations of TPH as gasoline and benzene.

As discussed in our meeting, the nearby BP and former Shell service station locations also have environmental investigations in progress. Elevated levels of dissolved hydrocarbon contamination and free product have been detected in the monitoring wells at these two sites. Unocal is currently participating in a joint quarterly groundwater monitoring program to determine the regional groundwater flow direction in the vicinity of these sites.

According to information provided by you in our meeting, the ARCO site on the northeast corner of Village Parkway and Amador Valley Boulevard is also currently undergoing an environmental investigation. The data generated during this investigation will be useful in completely defining the extent of soil and groundwater contamination in the vicinity of our site. Therefore, I have instructed our consultant for this project to perform a file review at your office for the ARCO site.

As we discussed, two items that were requested in your September 29, 1992 letter are as follows:

1. Sample existing monitoring wells MW2, MW3 and MW4 on a semi-annual basis.
2. Install additional monitoring wells and/or exploratory borings to the east of the Unocal site in order to completely define the extent of contamination at and in the vicinity of the Unocal site.

Unocal's response to these items is as follows:

1. Wells MW2, MW3 and MW4 were sampled quarterly from April 29, 1988 to May 18, 1990 (a period of nine quarters). The analytical results of the groundwater samples collected from MW2 showed non-detectable concentrations of TPH as gasoline and benzene for eight of the nine quarters (TPH as gasoline and benzene were detected at concentrations of 170 ppb and 2.7 ppb, respectively, on the initial sampling date). Based on these consistently non-detectable concentrations, the sampling of this well was discontinued in May of 1990. However, because this well is in the upgradient direction of the well (MW1) at the site that has consistently shown dissolved hydrocarbon constituents (but no free product), annual sampling of MW2 was re-implemented in May of this year. The analytical results of the groundwater sample collected from MW2 on May 22, 1992, once again showed non-detectable concentrations of TPH as gasoline and benzene.

The analytical results of the groundwater samples collected from well MW3 showed non-detectable concentrations of TPH as gasoline, TPH as diesel, and benzene during eight of the nine quarters. The April 28, 1989, sample showed 880 ppb of TPH as gasoline, 72 ppb of TPH as diesel, and 9.6 ppb of benzene. However, due to questions about the validity of these sample results, an additional sample was collected from this well on May 22, 1989. The analytical results of this sample again showed non-detectable concentrations of TPH as

gasoline and benzene. TOG was non-detectable in MW3 during three of the five times that it was analyzed for. However, the detectable levels (2.5 ppm and 1.6 ppm) were just slightly above the detection limit (1.0 ppm) which indicates that no widespread concentrations of TOG are present in the groundwater at the site. Based on these predominantly non-detectable concentrations, the sampling of this well was discontinued in May of 1990.

The analytical results of the groundwater samples collected from MW4 showed non-detectable concentrations of TPH as gasoline during all nine sampling events, and non-detectable concentrations of benzene during seven of the nine sampling events. However, the detectable levels of benzene (0.30 ppb and 0.67 ppb) were either at or just above the detection limit (0.30 ppb), which once again indicates that no significant groundwater contamination is present in the vicinity of MW4. Therefore, once again based on these predominantly non-detectable concentrations, the sampling on this well was discontinued in May of 1990.

Based on the preceding analytical results, it is our opinion that no further sampling of wells MW2, MW3 and MW4 is warranted. However, in the spirit of compromise, Unocal agrees to sample wells MW2, MW3 and MW4 on an annual basis for one year (two separate sampling dates). All samples will be analyzed for TPH as gasoline and BTX&E constituents. In addition, the samples from MW3 will be analyzed for TPH as diesel and TOG. If these analytical results are non-detectable, Unocal will once again discontinue the sampling of these wells.

must be agreed upon by RWACB or AR DEB

2. Based on the analytical results of the samples collected to date, well MW1 has consistently shown dissolved concentrations of hydrocarbon constituents. Since this well is downgradient of the area near the southerly pump island that could not be excavated during the fuel tank removal and replacement project, and since residual levels of soil contamination (340 ppb of TPH as gasoline) were encountered during the installation of this well, it was anticipated that dissolved hydrocarbon constituents would be consistently detected in this well. However, since the concentrations of contaminants found in the well have consistently remained at the same order of magnitude, it appears that these levels are due to the residual soil contamination in the vicinity of the wells.

Obviously, the extent of contamination in the vicinity of MW1 has not been completely defined. However, the reason that no additional off-site investigative work has been performed is because no suitable locations for additional monitoring wells are available. MW1 is already adjacent to Village Parkway. Both Amador Valley Boulevard and Village Parkway are wide, heavily traveled roads that for safety and accessibility reasons are not suitable for drilling. All four corners of this intersection currently contain or have contained service stations. Unocal, BP, and Shell are already conducting joint monitoring to determine regional groundwater flow direction and contaminant levels. The nearest site east of the Unocal site suitable for drilling is the ARCO site. This is the reason that Unocal has instructed our consultant to perform a file review for the ARCO site. It is anticipated that

the soil and groundwater data from the ARCO site can be used to determine the approximate limits of contamination for the Unocal site.

In summary, extensive contaminant source removal was performed at the Unocal site during the replacement of the underground tanks and lines. Residual soil contamination in the vicinity of the southerly pump islands could not be excavated during the source removal work, and it appears that the dissolved groundwater contamination in MW1 is related to this residual soil contamination. No other significant groundwater contamination has been found at the site. MW1 will continue to be sampled on a quarterly basis, and the remaining three wells will be sampled on an annual basis. Unocal will also continue to participate in the joint monitoring program with BP and Shell (and hopefully ARCO); but because of the isolated nature of the contamination at our site, we do not feel that any active remedial measures at this site are warranted at this time. *not confirmed*

Should you have any questions, please feel free to contact me at (510) 277-2303.

Sincerely,

Ronald E. Bock

Ronald E. Bock
Manager Remediation Projects

** we discussed the possibility of open extraction w/ w/o pump and treat and for*

EC/bsb

c: E. C. Ralston
P. C. Stern
T. R. Ross, KEI

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 3169

September 29, 1992

Ron Bock
UNOCAL
P.O.Box 5155
San Ramon, CA 94583

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

**Subject: Additional Investigation at UNOCAL Station #5366,
7375 Amador Valley Blvd., Dublin, CA 94568**

Dear Mr. Bock:

This office has reviewed the case for the above referenced site. When four underground storage tanks (USTs) were removed in 1987-1988, soil and water samples confirmed that an unauthorized release of petroleum hydrocarbons had occurred at the site, impacting soil and groundwater. The UST pits were further excavated to remove as much as possible the contaminated soil. Not all of the contaminated soil was removed from under the pump island. A side wall sample indicated soil to contain 1,700 ppm TPH-G and 83ppm TPH-D. Four monitoring wells were installed in April 1988. Groundwater samples from MW-1 consistently exhibit elevated levels of TPH-g and benzene. MW-2, MW-3, and MW-4 have not been sampled since May 18, 1990.

At this time, additional investigation is required on- and off-site, to determine the lateral extent of soil and groundwater contamination. This will require additional soil borings and monitoring wells east of the former UST pit and pump islands. Please submit **within 45 days of the date of this letter**, a workplan detailing work intended to delineate the extent of both on- and off-site soil and groundwater contamination.

Information obtained during this phase of the investigation shall be used in development of an appropriate Corrective Action Plan (CAP), as set forth under Article 11 of 23 CCR, Sections 2720 et. seq., which details plans for remediating the environmental impacts resulting from the unauthorized release at this site.

Groundwater sampling of MWs 2, 3, and 4 is to be reinstated, but on a semi-annual basis. MW-2 should be analyzed for TPH-G and BTEX; MW-3 for TPH-G, TPH-D and TOG; MW-4 for TPH-G, TPH-D, BTEX, and TOG. Should these wells detect contamination, an increase in sampling frequency may be required. MW-1 and groundwater elevation should continue to be sampled/monitored on a quarterly basis.

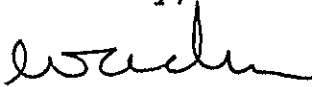
Ron Bock
UNOCAL Station 5366
September 29, 1992

Page 2 of 2

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the RWQCB.

If you have any questions about the content of this letter, please contact me at (510) 271-4530.

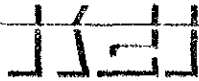
Sincerely,



Eva Chu
Hazardous Materials Specialist

cc: Eddy So, RWQCB
Mark Thomson, Alameda County District Attorney's Office
Tom Hathcox, Dougherty Regional Fire Department
Edgar Howell/files

unocald



KAPREALIAN ENGINEERING
INCORPORATED

92 APR 14 PM 2:58

April 13, 1992

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

RE: Unocal Service Station #5366
7375 Amador Valley Blvd.
Dublin, California

Gentlemen:

Per the request of Mr. Ron Bock of Unocal Corporation, enclosed please find our report dated April 8, 1992, for the above referenced site.

If you should have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

A handwritten signature in cursive script, appearing to read 'Judy A. Dewey'.

Judy A. Dewey

jad\82

Enclosure

cc: Ron Bock, Unocal Corporation

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
AGENCY NO: 10000
10/15/91 THROUGH 01/15/92

SOURCE OF FUNDS:

StID : 1702
SITE NAME: Alameda Max's Auto Svc. Sta.
ADDRESS : 1357 High St.
CITY/ZIP : Alameda 94501
SUBSTANCE:

MULTIPLE RP's?:
DATE REPORTED:
DATE CONFIRMED:

SITE STATUS

CASE TYPE:	CONTRACT STATUS:	EMERGENCY RESP:
RP SEARCH:	DATE UNDERWAY:	DATE COMPLETED:
PRELIMINARY ASMNT:	DATE UNDERWAY:	DATE COMPLETED:
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:
REMEDIAL ACTION:	DATE UNDERWAY:	DATE COMPLETED:
POST RA MON:	DATE UNDERWAY:	DATE COMPLETED:

ENFORCEMENT ACTION TYPE :	DATE TAKEN:	
LUFT FIELD MANUAL CONSID:		
CASE CLOSED:		DATE CLOSED:
DATE EXCAVATION STARTED:		REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY

RP#1-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#2-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#3-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#4-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: UNOCAL # 5366

Address: 7375 Amador Valley Blvd city Dublin zip 94568

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # _____ STID #(if any) 3169

Number of Tanks: 4 removed? Y N Date of removal 2-18-88

Leak Report filed? Y N Date of Discovery 2-18-88

Samples received? Y N Contamination: Sand W

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site _____ Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment _____

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____



KAPREALIAN ENGINEERING, INC.
Consulting Engineers

P.O. BOX 996 • BENICIA, CA 94510
(707) 746-6915 • (707) 746-6916 • FAX: (707) 746-5581

September 16, 1991

Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

RE: Unocal Service Station #5366
7375 Amador Valley Blvd.
Dublin, California

Gentlemen:

Per the request of Mr. Ron Bock of Unocal Corporation, enclosed please find our report dated September 16, 1991, for the above referenced site.

Should you have any questions, please feel free to call our office at (707) 746-6915.

Sincerely,

Kaprealian Engineering, Inc.

Judy A. Dewey

jad\82

Enclosure

cc: Ron Bock, Unocal Corporation

60:0113 01 SEP 16

STATE OF CALIFORNIA
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD



Building Quality



HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination:



Qualifier: JEFFREY MAURICE RYAN

License No.: 220793

Name style: GETTLER-RYAN, INC.

WITNESS my hand and official seal this

15TH

day of

NOVEMBER, 1990

S. R. Kelly
Registrar of Contractors

13L-36 (7/88)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A3628



CONTRACTORS STATE LICENSE BOARD

9835 GOETHE ROAD, SACRAMENTO, CALIFORNIA
MAILING ADDRESS: P.O. BOX 26000
SACRAMENTO, CALIFORNIA 95826
1/916/255-3900
1/800/321-CSLB
Automated Phone System





License Number: 220793

Entity: CORP

GETTLER RYAN INC
6747 SIERRA COURT STE. J
DUBLIN, CA 94568





 State of California
 CONTRACTORS STATE LICENSE BOARD
 ACTIVE LICENSE



License Number **220793** Entity **CORP**

Business Name **GETTLER RYAN INC**

Classification **B HAZ C61/D40 A C57**

Expiration Date **05/31/97**


ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Telephone Number: (415) 271-4320

*Mardo Kapraalian
(707) 746-6915*

August 11, 1988

Union Oil Company of California
2175 N. California Blvd.
Walnut Creek, CA 94596

***** NOTICE OF VIOLATION *****

SUBJECT: UNOCAL STATION #5366, 7375 AMADOR VALLEY, DUBLIN 94568

Dear Sir:

We have received the report of analytical results from the soil sampling that was performed at your facility during the removal of several tanks in February 1988. The sample was analyzed for volatile hydrocarbons and was found to contain up to 1700 parts per million.

You will need to obtain professional services from a reputable engineering/consulting firm.

The responsibility of your consultant will be to establish the extent of contamination and provide professional judgment/recommendations, based on scientific data of the necessary remedial actions needed. A plan and time schedule for investigation should be submitted to the agency within 30 days.

The following is a summary of the steps your consultant should take to evaluate the problem.

1. Preliminary Assessment
 - site history
 - results of initial work done
 - proposal for the delineation of the site's contamination
2. Site Investigation
 - site geology and hydrogeology
 - definition of lateral and vertical extent of contamination including soil and groundwater
 - evaluation of mitigation alternatives

Union Oil Company of California
2175 N. California Blvd.
Walnut Creek, CA 94596
August 11, 1988
Page 2 of 2

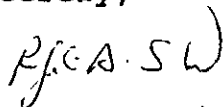
3. Final Remedial Plan

- plans for the removal of soil contaminants and recovery of fuel product and removal of dissolved constituents from groundwater
- details and time frame for implementing the various remedial phases

In addition, as requested in our letter of May 20, 1988, a copy of the as-builts of the new installation must be submitted.

Should you have any questions regarding this letter, please contact Lowell Miller, Senior Hazardous Materials Specialist at 271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

P 759 896 735
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to <i>William Oil</i>	
Street and No	
P O , State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, June 1985

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Certified Mailer #P 759 896 721

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, California 94612
(415) 271-4320

May 20, 1988

Union Oil Company of CA
2175 N. California Blvd.
Walnut Creek, CA 94596

SUBJECT: UNOCAL STATION #5366, 7375 AMADOR VALLEY, DUBLIN 94568

***** FIRST NOTICE OF VIOLATION *****

Dear Sir:

Within the past few months, several underground tanks were removed and added at the subject location. Pursuant to Sections 2635 and 2672 of Title 23 of the California Administrative Code, please submit the following documents within thirty (30) days of the date of this letter.

- 1) Final Closure Information
- 2) "As-builts"

Should you have any questions concerning this matter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: Kaprelian Engineering
Robert H. Lee & Associates
Petroleum Engineering
Eddie Neal Construction

P 759 896 721
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <i>Unim Oil Co. of CA</i>	
Street and No. <i>2175 N. California Blvd.</i>	
P.O., State and ZIP Code <i>Walnut Creek 94596</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, June 1985

Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY <i>Specific Information by Chemical</i>	UNOCAL S.S. #5366 7375 Amador Valley Boulevard Dublin, CA 94539 A. [X] ENTIRE FACILITY	Owner/Operator Name Name <u>UNOCAL</u> Phone <u>(415) 945-7676</u> Mail Address <u>2000 Crow Canyon Place, Suite 400,</u> <u>San Ramon, CA 94583</u>
	SIC Code <u>5541</u> Don # Prod Number <u>09-944-7344</u>	Emergency Contact Name <u>ROGER L. FOLDA</u> Title <u>MGR. MAINT./CONST.</u> Phone <u>(415) 945-7676</u> 24 Hr. Phone <u>(415) 561-9322</u>
	FOR OFFICIAL USE ONLY D# _____ Date Received _____	Name <u>RANDY MCFARLANE</u> Title <u>MGR. DIVISION SVS.</u> Phone <u>(415) 945-7676</u> 24 Hr. Phone <u>(415) 561-9322</u>

Important: Read all instructions before completing form Reporting Period From January 1 to December 31, 1989 Check if form is identical to form submitted last year

Chemical Description	Physical and Health Hazards <small>(check all that apply)</small>	Inventory			Storage Codes and Locations <small>(Non-Confidential)</small>	
		Max. Daily Amount <small>(code)</small>	Avg. Daily Amount <small>(code)</small>	No. of Days On-site <small>(days)</small>	Storage Code	Storage Locations
CAS <u>8006619</u> Trade Secret <input type="checkbox"/> Chem. Name <u>Petroleum Hydrocarbon-Unleaded Gasoline</u> Check all that apply: Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>	<input checked="" type="checkbox"/> Flammable <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed (chronic)	<u>04</u>	<u>04</u>	<u>365</u>	<u>B14</u>	<u>Tank Complex Under Parking Lot</u>
CAS <u>8006619</u> Trade Secret <input type="checkbox"/> Chem. Name <u>Petroleum Hydrocarbon-Premium Unleaded Gasoline</u> Check all that apply: Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>	<input checked="" type="checkbox"/> Flammable <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed (chronic)	<u>04</u>	<u>04</u>	<u>365</u>	<u>B14</u>	<u>Tank Complex Under Parking Lot</u>
CAS _____ Trade Secret <input type="checkbox"/> Chem. Name _____ Check all that apply: Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>	<input type="checkbox"/> Flammable <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	_____	_____	_____	_____	_____

Certification <i>(Read and sign after completing all sections)</i> I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. <u>ROGER L. FOLDA, MGR. MAINT./CONST.</u> Name and official title of owner/operator OR owner/operator's authorized representative	Optional Attachments <i>(Check one)</i> <input type="checkbox"/> I have attached a site plan <input type="checkbox"/> I have attached a list of site coordinate abbreviations
Signature <u><i>Roger L. Folda</i></u> Date signed <u>9/24/90</u>	

Federal Register / Vol. 54, No. 59 / Wednesday, March 29, 1989 / Proposed Rules 13013



KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915

RECEIVED
MAY 19 1988

PLANNING AND DESIGN
WASHINGTON

May 17, 1988

Storm Goranson
Alameda County Department of
Environmental Health
470 27th Street, Room 322
Oakland, CA 94612

Re: Unocal Station #5366
7375 Amador Valley Rd.
Dublin, California

Dear Mr. Goranson:

Per the request of Unocal's Mr. Tim Ross, enclosed please find our report dated May 11, 1988 for the above referenced site.

Should you have any questions, please call me at (707) 746-6915.

Sincerely,

Kaprealian Engineering, Inc.

Christina L. Lecce

Christina L. Lecce

Enclosure



KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915

KEI-P88-025B

May 12, 1988

PROPOSAL TO
UNOCAL CORPORATION
for the
UNOCAL SERVICE STATION #5366
7375 Amador Valley Road
Dublin, California

GROUNDWATER MONITORING, SAMPLING AND ANALYSIS

INTRODUCTION

Preliminary investigation of the groundwater conducted in April, 1988 at the referenced site showed dissolved hydrocarbon concentrations ranging from non-detectable to 960 parts per billion (ppb) in wells MW-1, MW-2, MW-3 and MW-4. Per our recommendations described in our report dated May 11, 1988, it is necessary to initiate a groundwater monitoring, purging and sampling program of the four wells at the site. Therefore, Kaprealian Engineering, Inc. proposes the following work plan.

PROPOSED TASK

1. Purge the four monitoring wells (MW-1, MW-2, MW-3 and MW-4) on a monthly basis. Record the elevation of the water table prior to pumping and any abnormal conditions noted during inspection, including presence of product, odor and sheen.
2. Purge and sample groundwater, and analyze it for total petroleum hydrocarbons, benzene, toluene, xylene and ethylbenzene on a quarterly basis. Prior to sampling, water elevation will be recorded as well as the presence of any floating product.
3. Conduct a detail survey of all wells within half a mile radius of the site.
4. Prepare a technical report summarizing the field investigation, water analyses and sampling with conclusions and recommendations.

ALFORD COUNTY HEALTH CARE SERVICES AGENCY
MEMORANDUM

4/18/88
sent to
billing

TO TOM FROM Maia DATE 4/14/88
SUBJECT UNOCAR STN. # 5366, 7375 Omdarr Valley Blvd.
Dublin 94528

Please verify number of tanks at facility.
(for computer update) 3
Please rescind interim permit as tanks were
removed. Issue new permit (permanent) as
the 3 tanks were newly installed and
approved. *Maia*



KAPREALIAN ENGINEERING, INC.

Consulting Engineers
P. O. BOX 913
BENICIA, CA 94510
(415) 676-9100 (707) 746-6915

Self 3/18

March 16, 1988

Storm Goranson
Alameda County Department of
Environmental Health
470 27th Street, Room 322
Oakland, CA 94612

Re: Unocal Service Station
7375 Amador Valley Rd.
Dublin, California

Dear Mr. Goranson:

Per the request of Unocal's Mr. Tim Ross, enclosed please find our report dated February 25, 1988 for the above referenced site.

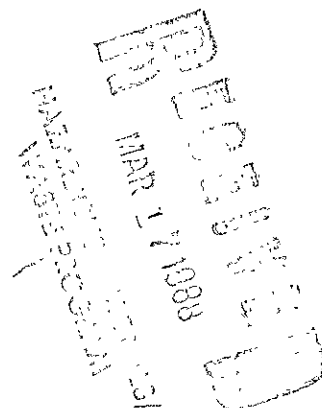
Should you have any questions, please call me at (707) 746-6915.

Sincerely,

Kaprealian Engineering, Inc.

Christina L. Lecce

Enclosure



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 type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Seeman</u> DATE: <u>3/15/88</u>
REPORT DATE Q1 3M 0D 2D 8Y 8Y	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <u>Mardo Kaprealian</u>	PHONE <u>(707) 746-6915</u>	SIGNATURE <u>M. Kaprealian 3/3/88</u>	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME <u>Kaprealian Engineering, Inc.</u>		
	ADDRESS <u>638 1/2 First Street</u> <u>Benicia</u> <u>CA</u> <u>94510</u>			

RESPONSIBLE PARTY	NAME <u>Unocal Corporation</u> <input type="checkbox"/> UNKNOWN	CONTACT PERSON <u>Don Terry</u>	PHONE <u>(415) 945-7676</u>
	ADDRESS <u>2175 N. California Blvd., Suite 650</u> <u>Walnut Creek</u> <u>CA</u> <u>94596</u>		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) <u>Unocal Service Station</u>	OPERATOR <u>Jack Hwang</u>	PHONE <u>(415) 828-5592</u>	
	ADDRESS <u>7375 Amador Valley Blvd.</u> <u>Dublin</u> <u>Alameda</u>			
	CROSS STREET <u>Village Parkway</u>	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER	

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME <u>Alameda County Dept. of Health</u>	CONTACT PERSON <u>Storm Goranson</u>	PHONE <u>()</u>
	REGIONAL BOARD <u>San Francisco Bay Region</u>		PHONE <u>(415) 464-0701</u>

SUBSTANCES INVOLVED	(1) NAME <u>gasoline, diesel & waste oil</u>	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED Q1 2M 1D 8D 8Y 8Y	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE <u>Q1 2M 1D 8D 8Y 8Y</u>		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input checked="" type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	MAY 1988		

SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY <u>10K, 10K, 10K & 55K GAL</u>	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
	AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN			

CASE 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)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) <u>See Note 1</u>
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COMMENTS	Note 1: approx. 9,000 gallons of groundwater was pumped & hauled to Class I site. Note 2: Monitoring wells will be installed after completion of the project.
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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 AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Glenn Dembroff</u> DATE: <u>1/21/88</u>
REPORT DATE <u>01/15/88</u>	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <u>Glenn R. Dembroff</u>	PHONE <u>(415) 651-1906</u>	SIGNATURE 	
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OTHER <u>env. consultant</u>	COMPANY OR AGENCY NAME <u>Applied GeoSystems / agent for UNOCAL</u>		
	ADDRESS <u>43255 Mission Blvd. Fremont CA 94539</u>			

RESPONSIBLE PARTY	NAME <u>UNOCAL CORPORATION</u> <input type="checkbox"/> UNKNOWN	CONTACT PERSON <u>DON TERRY</u>	PHONE <u>(415) 945-7676</u>
	ADDRESS <u>2175 N. California Blvd. Walnut Creek CA 94596</u>		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) <u>UNOCAL Station No. 5366</u>	OPERATOR	PHONE <u>(828) 5592</u>	
	ADDRESS <u>7375 Amador Valley Blvd. Dublin Alameda</u>			
	CROSS STREET <u>Village Parkway</u>	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER	

IMPLEMENTING AGENCIES	LOCAL AGENCY <u>Alameda Co. Div. of Env. Health</u>	AGENCY NAME	CONTACT PERSON <u>Storm Goranson</u>	PHONE <u>(415) 874-7237</u>
	REGIONAL BOARD <u>Regional Water Quality Control Board</u>		CONTACT PERSON <u>Greg Zentner</u>	PHONE <u>(415) 464-0840</u>

SUBSTANCES INVOLVED	(1) NAME <u>Waste Oil</u>	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED <u>1/12/88</u>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <u>UNKNOWN</u>	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE			

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY <u>550</u> GAL. AGE <u>23</u> YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
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CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)
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COMMENTS	<u>Still in process of evaluation (see)</u>
----------	---

1266



CROSBY & OVERTON
Environmental Management Inc.
8430 Amella St., Oakland, CA 94621
(415) 633-0336

BA No. 1071
Shipper No.
Carrier No. 157215
Date 12-2-87

STRAIGHT BILL OF LADING
ORIGINAL—NOT NEGOTIABLE

Page of

Crosby & Overton
(Name of Carrier) (SCAC)

TO: Consignee
On Collect on Delivery shipments, the letters "COD" must appear before consignee's name & or as otherwise provided in Item 430, Sec. 1.

FROM: Shipper UNICAL

Street 220 K... ..

Street 7375 AMADOR VILLAGE... ..

Destination... .. Zip Code

Origin... ..

Route Vehicle Number

No. of Units & Container Type	HM	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and Identification Number per 172.101, 172.202, 172.203)	UN# or NAW	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1	T	EMPTY CONTAINERS (... ..)			

Invoice 01077-5
920.61

PLACARDS TENDERED: YES NO

REMIT COD TO ADDRESS

Note: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ per

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport by Rail Highway Water (DELETE NON APPLICABLE MODE OF TRANSPORT) according to applicable international and national governmental regulations.
Signature

COD Amt: \$
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$
TOTAL CHARGES \$
FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or

any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER UNICAL
PER J. Callinworth
Job # T223
Permanent post-office address of shipper

CARRIER
PER
DATE 12-2-87

Eddie Neal
CONSTRUCTION, INC.
Service Station Specialists

RECEIVED
DEC 11 1987
HAZARDOUS MATERIALS DIVISION

ALAMEDA COUNTY HEALTH AGENCY
HAZARDOUS MATERIALS DIVISION
470 - 27TH STREET, ROOM 322
OAKLAND, CA 94612

NOVEMBER 30, 1987

ATTN: STORM BORANSON

CLOSURE PLAN

FACILITY NAME: Unocal
FACILITY ADDRESS: 7375 Amador Valley Road - Dublin
OWNERS NAME: Unocal of California
OWNERS ADDRESS: 2175 N. California Blvd., Suite 650
Walnut Creek, CA 94596
CONTRACTORS NAME: Eddie Neal Construction, Inc.
CONTRACTORS ADDRESS: 2825 Alton Lane - Santa Rosa, CA 95403
HAULERS NAME: Crosby and Overton
HAULER ADDRESS: 1610 West 17th St. - Long Beach, CA 90813
DESTINATION: H and H Ship Service 220 China Basin - San Fran.
DISPOSITION: Cut up for scrap
SOIL ANALYSTS: Blaine Tech Services
ANALYSTS ADDRESS: 1370 Tully Road - San Jose, CA 95150

METHOD OF REMOVAL: Give Fire Dept. and County Health 24 hours notice before extraction. Pump out and uncover tank. Dry ice tank. Remove and dispose of tank in a legal manner. Take soil samples under the direction of County Health. If and when we hit contamination, bring in Applied GeoSystems to advise as directed by Unocal.

EDDIE NEAL CONSTRUCTION, INC

COMPANY UNOCAL

SERVICE STATION # 5366

ADDRESS 7375 AMADOR VALLEY BLVD.

DUBLIN, CALIFORNIA 94568

JOB #1294T

SERVICE STATION TANK CLOSURE PLAN

A. Tanks to be Closed:

1. (2) Existing gasoline and (1) existing diesel, underground storage tanks.

B. Procedures:

1. Soil samples in tank excavation shall be taken and results sent to City Fire Prevention Bureau and Regional Water Quality Control Board for review and approval.
2. All existing underground gasoline lines not to be removed shall be flushed with water and capped by demolition contractor.
3. The water/gasoline mixture shall be removed by a licensed Industrial Waste hauler (such as I.T. Corporation or Ace Industrial Cleaning Inc.) and disposed of in a lawful manner.
4. Underground tanks and piping will be removed by demolition contractor in accordance with the City requirements. Please refer to sheet J-6 of enclosed plans for complete gas freeing and removal specifications.
5. Should tank hole excavation contain liquid gasoline, the City Fire Prevention and the State Water Quality Control board shall be notified. Tank hole excavation containing liquid gasoline and/or a mixture of water/gasoline will be pumped out by a Licensed Industrial Waste hauler and disposed of in a lawful manner.
6. Should excavation soil be contaminated and need removal, it shall be completed by a licensed Hazardous Waste hauler such as I.T. Corporation and disposed of legally with proper Hazardous Waste Manifest, EPA I.D. Number, etc.



TELECOPY TRANSMITTAL

W. J. HARRIS

DATE:

5/27/88

TO:

Petroleum Engineering - ATTN: RON

PHONE:

(907) 545-0360

FROM:

Cleveland

PHONE:

(415) 543-4835

Number of pages including cover sheet:

4

Comments:

Per Telecon
Other Transmissions will follow.

220 CHINA BASIN, P.O. BOX 77363 · SAN FRANCISCO, CA 94107 · DAY AND NIGHT: 543-4835



Please print or type. (Form designed for use on elite (12-pitch typewriter).

Job # 1120

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA0982057390	Manifest Document No. 341862	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address UNOCAL 76 CO. 2175 NORTH CALIFORNIA BLVD. WALNUT CREEK, CA 94596			A. State Manifest Document Number 87434862		B. State Generator's ID	
4. Generator's Phone (415) 945-7676			C. State Transporter's ID 800859		D. Transporter's Phone (415) 543-4835	
5. Transporter 1 Company Name H & H SHIP SERVICE		6. US EPA ID Number CA0104771168	E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number	G. State Facility's ID 38-0011-78		H. Facility's Phone (415) 543-4835	
9. Designated Facility Name and Site Address H & H SHIP SERVICE 220 CHINA BASIN ST. SAN FRANCISCO, CA 94107			10. US EPA ID Number CA0104771168		I. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. HAZARDOUS WASTE LIQUID N.O.S. ORME N/A 9189			001	7700300 G		State: 135 EPA/Other: CA ONLY
b.						State: EPA/Other:
c.						State: EPA/Other:
d.						State: EPA/Other:
J. Additional Descriptions for Materials Listed Above: WATER - 98% GAS - 1% Diesel - 1%			K. Handling Codes for Wastes Listed Above: a. 01 b. c.			
15. Special Handling Instructions and Additional Information Gloves						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Bill Schabich		Signature <i>Bill Schabich</i>		Month Day Year 10/21/88		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Daniel Gerson		Signature <i>Daniel Gerson</i>		Month Day Year 02/1/88		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name Cleveland Akroy		Signature <i>Cleveland Akroy</i>		Month Day Year 10/21/88		

FORM APPROVED UMS NO. 2000 (Expires 9/30/00) Please print or type. (Form designed for use on elite (12-pitch typewriter))

TRUCK ARR 0745 TRUCK DEPT 1015
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR
TRANSPORTER
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD98205739034251	Manifest Document No. 034251	2. Page 1 Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address UNOCAL 7375 AMADOR VALLEY BLVD DUBLIN, CA			A. State Manifest Document Number 87434851		
4. Generator's Phone 415 828-5592			B. State Generator's ID		
5. Transporter 1 Company Name H&H SHIP SERVICE		8. US EPA ID Number CAD004771168		C. State Transporter's ID 800842	
7. Transporter 2 Company Name			D. Transporter's Phone (415) 543-4835		
9. Designated Facility Name and Site Address H&H SHIP SERVICE 220 CHINA BASIN ST. SAN FRANCISCO, CA 94107			10. US EPA ID Number CAD004771168		E. State Transporter's ID
			11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		F. Transporter's Phone
a. WASTE HAZARDOUS LIQUID N.O.S. ORIM-E NA 9189			12. Containers No. Type 001 TT 3500 G	13. Total Quantity	14. Unit Wt/Vol G
b.			L. Waste No. State 134 EPA/Other N/A		
c.			State EPA/Other		
d.			State EPA/Other		
J. Additional Descriptions for Materials Listed Above			K. Handling Codes for Wastes Listed Above a. 01 b. c. d.		
15. Special Handling Instructions and Additional Information NONE					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Bill Schalich		Signature <i>Bill Schalich</i>		Month Day Year 02/24/88	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Jerome Voss		Signature <i>Jerome Voss</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name PETER YIMBO		Signature <i>Peter O. Yimbo</i>		Month Day Year 02/24/88	



TELECOPY TRANSMITTAL

W. J. HARRIS

DATE: 5/27/88

TO: Petroleum Engineering - ATTN: RON

PHONE: (707) 545-0360

FROM: Cleveland

PHONE: (415) 543-4835

Number of pages including cover sheet: 5

Comments:

Per Telecon

Other Transmissions will follow.

220 CHINA BASIN, P.O. BOX 77363 - SAN FRANCISCO, CA 94107 - DAY AND NIGHT: 543-4835



1.1



W. J. HARRIS

CERTIFICATE OF DISPOSAL

23 FEBRUARY 1988

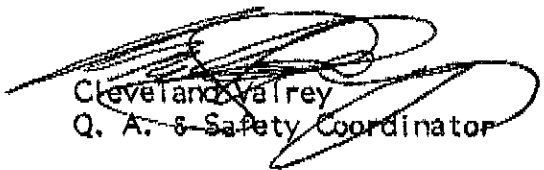
H & H Ship Service Company hereby certifies to PETROLEUM ENGINEERING that:

- 1. The storage tank(s), size(s) 3 - 10,000 gallon
 removed from the UNOCAL STATION
 facility at 7375 AMADOR VALLEY ROAD
DUBLIN, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin Street, San Francisco, California 94107.

- 2. The following tank(s), H & H Job Number: 7216
 have been steamed cleaned, cut with approximately 2' X 2' holes,
 rendered harmless and disposed of as scrap metal.
- 3. Disposal site: LEVIN METALS CORPORATION, RICHMOND, CALIFORNIA
- 4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
- 5. Should you require further information, please call (415) 543-4836.

Very Truly Yours,


 Cleveland
 Q. A. - Safety Coordinator

220 CHINA BASIN, P.O. BOX 77363 · SAN FRANCISCO, CA 94107 · DAY AND NIGHT: 543-4835



UNIFORM STRAIGHT BILL OF LADING—Original—Not Negotiable—Domestic

SHIPPER'S NO. **7216**

CARRIER **HEH**

AGENT'S NO.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

FROM **UNOCAL STATION** AT **7375 AMADOR VALLEY BLV.** **DUBLIN, CA** DATE **02/18/88**

The property described below, in apparent good order, except as noted (as to contents and condition of contents of packages unknown), marked, consigned and destined as shown below, which said commodity (the word commodity being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway route or routes to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, heretofore contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for his use and his agent.

CONSIGNEE TO **HEH SHIP SERVICE, Co.**

DESTINATION **220 CHINA BASIN, ST. SAN FRANCISCO, CA. 94115**

ROUTING

DELIVERING CARRIER **HEH SHIP SERVICE, Co.** VEHICLE OR CAR INITIAL **H-38** NO **800855**

COLLECT ON DELIVERY

\$ _____ and remit to _____

STREET _____ CITY _____ STATE _____ ZIP _____

FOR EMERGENCY ASSISTANCE INVOLVING HAZARDOUS MATERIALS → CALL CHEMTREC 800-424-9300 DAY OR NIGHT

C.O.D. CHARGE TO BE PAID BY SHIPPER CONSIGNEE

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

NO	PKGS	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	WEIGHT (SUB. TO CAR.)	CLASS OR RATE	CK	COL
1		10,000 GAL EMPTY UNDERGROUND STORAGE GASOLINE TANK, DRY ICE INSERTED AND READY FOR DISPOSAL.				

(Signature of Consignor)

If charges are to be prepaid, write or stamp hereon, "To be Prepaid"

Received \$ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

PER (The signature here acknowledges only the amount prepaid)

Charges Advanced \$ _____

This bill of lading, when the above described property is a part of a unit, is subject to the provisions of the National Motor Freight Classification Manual, which is hereby incorporated by reference into this bill of lading. The shipper and consignee agree to be bound by the applicable regulations of the Department of Transportation.

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, with reference to the packaging requirements in the National Motor Freight Classifications.

* If the shipment moves between two parts by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. This agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

SHIPPER, PER **RODRIGUEZ ESTEBAN M. PENALVER** AGENT, PER **PENALVER**

Permanent address of shipper, _____ (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

UNIFORM STRAIGHT BILL OF LADING—Original—Not Negotiable—Domestic

SHIPPER'S NO.

CARRIER **HH**

AGENT'S NO. **7216**

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

FROM **Petrol Energys** AT **UNICAL Station Dublin 1097 West Anador Valley Blvd** DATE **2/18/48**

The property described herein, in accordance with order, was packed, loaded, sealed, stacked, secured and condition of contents of packages (unknown) marked, consigned and destined as shown below, which said consignment (the word consignment being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route, or within the territory of its highway operation, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every consignment hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and acceptor for himself and his agent.

CONSIGNEE TO

220 Kishina Basin San Francisco STATE **Cal**

DESTINATION

H & S Ship Service

ROUTING

DELIVERING CARRIER

HH

VEHICLE OR CAR INITIAL

White Ford

NO

35

COLLECT ON DELIVERY

\$ _____ and remit to: _____

C.O.D. CHARGE TO BE PAID BY

SHIPPER
CONSIGNEE

STREET

CITY

STATE

ZIP

FOR EMERGENCY ASSISTANCE INVOLVING HAZARDOUS MATERIALS → CALL CHEMTREC 800-424-9300

DAY OR NIGHT

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

NO. PKGS.

H M

DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS

WEIGHT (SUB. TO CDR.)

CLASS OR RATE

CK. COL.

1 10,000 gal under ground storage tank for disposal

MTC

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received \$ _____ to apply in prepayment of the charges on the property described herein.

Agent or Cashier

PER

(The signature here acknowledges only the amount prepaid)

Charges Advanced: \$ _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, with reference to the packaging requirements in the National Motor Freight Classifications.

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Shipper: _____

DRANK

SHIPPER, PER

AGENT, PER

Permanent address of shipper.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

1

UNIFORM STRAIGHT BILL OF LADING—Original—Not Negotiable—Domestic

SHIPPER'S NO.

7216

CARRIER

AGENT'S NO.

H&H SHIP

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

UNOCAL 76 STATION

FROM PETROL. ENGINEERS INC. AT 7375 AMADOR VALLEY BLVD. DUBLIN, CA 94568

DATE

2/18/88

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, contained and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation, business or of the property under the control) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, hereto contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNEE TO H&H SHIP SERVICE

SF, CA

DESTINATION 220 CHINA BASIN ST.

SF, CA

ROUTING

DELIVERING CARRIER D. GERSON

VEHICLE OR CAR INITIAL

H-30

NO.

T-138

COLLECT ON DELIVERY

\$ _____ and remit to: _____

C.O.D. CHARGE TO BE PAID BY

SHIPPER CONSIGNEE

STREET

CITY

STATE

ZIP

FOR EMERGENCY ASSISTANCE INVOLVING HAZARDOUS MATERIALS

CALL CHEMTREC 800-424-9300

DAY OR NIGHT

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

NO. PKGS.	H. M.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	WEIGHT (SUB. TO CAR.)	CLASS OR RATE	CF COL.
1	✓	10,000 GALLON TANK - TANK NO. E570065 FOR DISPOSAL; EMPTY TANK DIESEL IMPERTED: DRY ICE			
		ARRIVED: 3:00 PM			
		DEPARTED:			
		Bill Schmitt PE			

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "To be Prepaid"

Received \$ _____ to apply in payment of the charges on the property described herein.

Agent or Cashier

FRN

(The signature here acknowledges only the amount prepaid.)

Charges Advanced: \$ _____

* To be ready for the above named materials are any other marked, numbered, packaged, marked and labeled, and must comply with all applicable regulations of the Department of Transportation.

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, with reference to the packaging requirements in the National Motor Freight Classifications.

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight"

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

SHIPPER, PER

AGENT, PER

Daniel Sherrill

Permanent address of shipper.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)