



Nicole M. Arceneaux
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6912
Nicole.arceneaux@chevron.com

May 8, 2015

Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED

By Alameda County Environmental Health 11:11 am, May 13, 2015

Re: Unocal No. 3538 (351642)
411 West MacArthur Boulevard, Oakland, California
Fuel Leak Case No. RO0000251
GeoTracker Global ID # T0600101472

I have reviewed the attached report dated May 8, 2015.

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

This letter is submitted pursuant to the requirements of California Water Code Section 13257(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

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

Sincerely,

Nicole Arceneaux
Project Manager

Attachment: *Well Destruction Report* by AECOM

May 8, 2015

Keith Nowell
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Well Destruction Report
Unocal No. 3538 (351642)
411 West MacArthur Boulevard, Oakland, California
Fuel Leak Case No. RO0000251
Geotracker Global ID # T0600101472

Dear Mr. Nowell:

On behalf of Chevron Environmental Management Company's (EMC's) affiliate, Union Oil Company of California ("Union Oil"), AECOM is pleased to submit this well destruction report for the above-referenced site (**Figure 1**). Well destruction was approved by Alameda County Environmental Health (ACEH) as the final condition for closure of the environmental case in a letter issued on December 23, 2014 (**Attachment A**).

Pre-field Activities

AECOM prepared a site-specific health and safety plan (HASP) to address potential physical and chemical hazards associated with the scope of work performed at the site. All work conducted by AECOM and any subcontractors was performed in general accordance with the HASP. AECOM notified ACEH, Alameda County Public Works Agency (ACPW), the City of Oakland, and Underground Service Alert of Northern California (USA North) at least 48 hours prior to the commencement of fieldwork. On April 22, 2015, AECOM oversaw Cruz Brothers Locators, Inc. of Santa Cruz, California, a private utility survey company, provide additional underground utility location and clearance services prior to well destruction, and verify markings associated with the USA North notification.

A well destruction permit was obtained from ACPW for all wells prior to being destroyed. Traffic control, obstruction, and excavation permits were obtained through the City of Oakland prior to the well destruction activities for monitoring wells MW-5 and MW-6 that were located within the city right-of-way (**Figure 2**). All permits are included in **Attachment B**.

Field Activities

On April 27 and 28, 2015, AECOM oversaw Cascade Drilling LP (Cascade) (State C-57 license #938110) properly destroy all six site wells by pressure grouting techniques in general accordance with California Department of Water Resources (DWR) regulations (**Figure 2**). An ACPW inspector was on site during each day of the well destruction activities to perform a grout inspection.

The wells were pressure grouted by placing cement grout from the bottom of the well and filled to the surface using a 1-inch tremie pipe. The well was then pressurized to at least 25 pounds per square inch for 5 minutes to ensure that the well and filter pack was sealed with grout. Then, the grout was topped off to the surface. At on-site locations MW-1 through MW-4, the well box and/or well pad were removed, the

top 1-foot of well casing was cut off, and each location was completed with cement to match the existing surface. At off-site location MW-5 the well box and the upper 5-feet of well casing and annulus were removed and backfilled with native type material per ACPW requirements. At off-site location MW-6 only the well box was removed due to the proximity of a natural gas line, the variance was approved by ACPW and is included in **Attachment B**. Each off-site location was completed to match the existing surface.

No waste was generated during the well destruction activities. Clean construction debris (metal and concrete) was removed and recycled by Cascade.

DWR well destruction reports are included in **Attachment C** and will be sent to DWR per well permit requirements.


Conclusion

The well destruction activities were the final requirement to satisfy site closure. A letter of no further action letter is anticipated, pending the final upload of this report documenting well destruction activities.

If you have any questions about the information contained in this report, please call James Harms at (916) 414-5800 or email James.Harms@aecom.com.

Sincerely,


James Harms
Project Manager


Jessica Law, P.G. No. 8840
Senior Geologist Stamped:
05/08/2015



cc: Ms. Nicole Arceneaux, EMC (via electronic upload)
Mr. Joseph Hernon
Phillips 66 (via LiveLink electronic upload)

Enclosures:

Figures

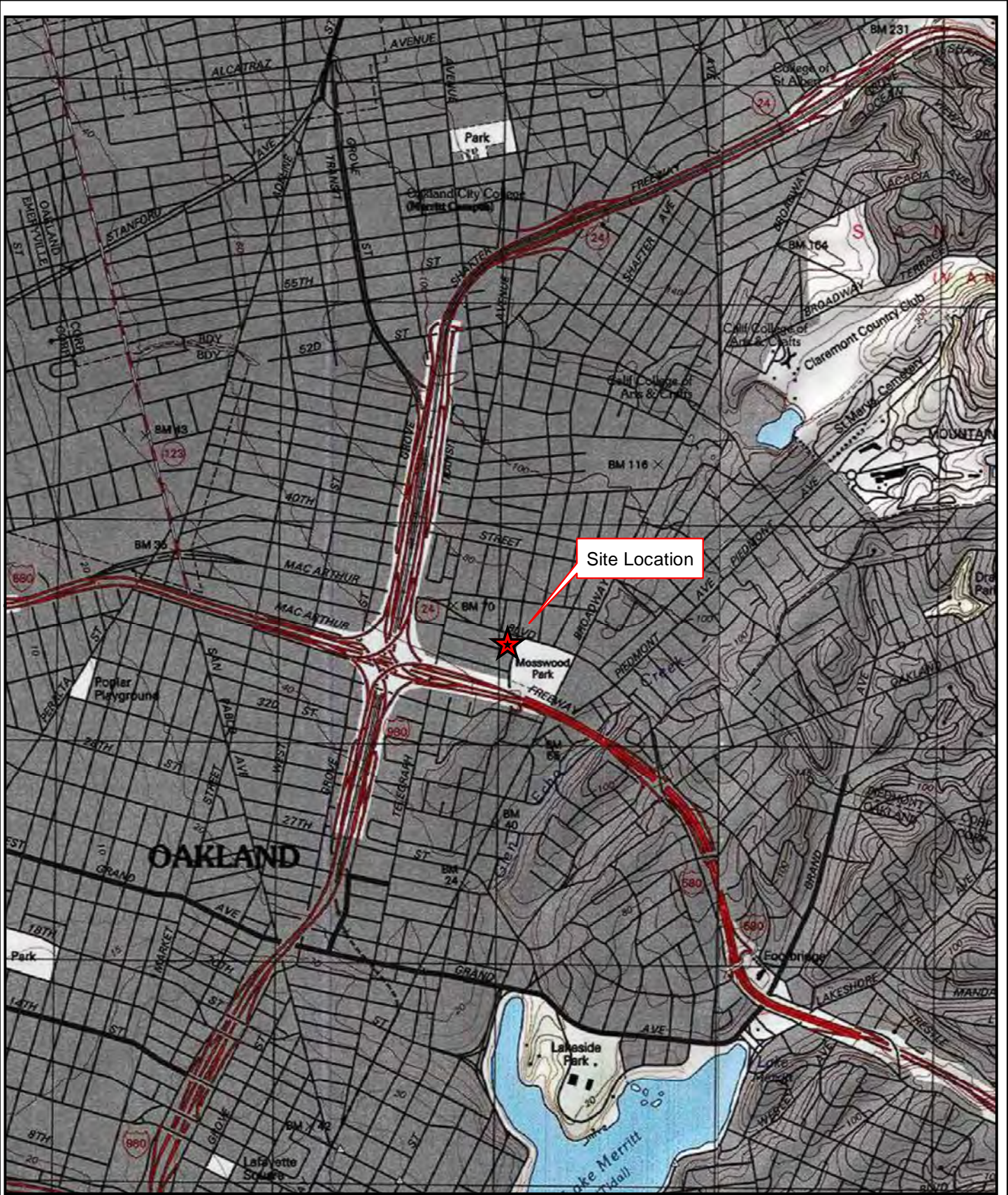
Figure 1 – Site Location Map
Figure 2 – Site Plan

Attachments

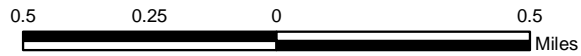
Attachment A – Well Destruction Directive
Attachment B – Permits
Attachment C – DWR Well Destruction Reports

FIGURES

Path: P:\ENV\01231-Chevron\76P-products_transfer_sites\351642_3538_Oakland\7.0 Deliverables\7.2 CADD\GIS\Figure 1_site_location_351642.mxd



Map Source: ESRI Data Resource Center 2013.



AECOM
 2020 L Street
 Sacramento, CA 95811
 916.414.5800



RO251, Unocal No.3538 (351642) 411 West MacArthur Boulevard, Oakland, California			Site Location Map
DATE:9/9/13	DRWN: JH	Revision: 0	
			Figure 1

P:\ENV\101231-Chevron\76Products_transfer_sites\351642_3538_Oakland\7.0 Deliverables\7.2 CADD\Well Destruction Report\Figure 2_Site Plan_351642.dwg, May 07, 2015 - 11:10pm Harms.J

EVERGREEN
MISSIONARY
BAPTIST
CHURCH

VALERO STATION

WEST MACARTHUR BOULEVARD

419/421
WEST
MACARTHUR
BOULEVARD

STATION
BUILDING

FORMER
DISPENSER
ISLANDS

FORMER
WASTE OIL
UST

FORMER UST
FORMER UST

MOSSWOOD PARK



WEBSTER STREET

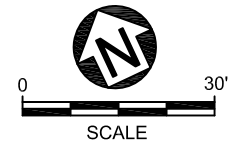
416
37TH
STREET

414
37TH
STREET

3701
WEBSTER
STREET

LEGEND

-  DESTROYED MONITORING WELL LOCATION
-  EXTENT OF 1989 EXCAVATION



MW-6

MW-5

MW-4

MW-3

MW-1

MW-2

DESIGNED BY:		REVISIONS	
NO.:	DESCRIPTION:	DATE:	BY:



AECOM TECHNICAL SERVICES
2020 L STREET, SUITE 400
SACRAMENTO, CALIFORNIA 95811

Site Plan

RO251, Former Unocal #3538 (3651642)
411 West MacArthur Blvd., Oakland, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	5/7/2015	

FIGURE NUMBER:

2

SHEET NUMBER:

1 of 1

ATTACHMENT A

Well Destruction Directive



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

December 23, 2014

Ms. Nicole Arceneaux
Chevron Environmental Management Co.
6101 Bollinger Canyon Rd, Rm 5310
San Ramon, CA 94583
(sent via electronic mail to:
Nicole.Arceneaux@Chevron.com)

Mr. Ed Ralston
Phillips 66 Company
76 Broadway
Sacramento, CA 95818
(sent via electronic mail to
Ed.C.Ralston@p66.com)

Arthur Yu and Kevin Ma
411 W. MacArthur Blvd.
Oakland, CA 94609

Subject: Fuel Leak Case No. RO0000251; Unocal #3538 (Chevron #351642) (Global ID # T0600101472),
411 West MacArthur Boulevard, Oakland, CA 94609

Dear Ms. Arceneaux, and Messrs. Ralston, Yu, and Ma:

The public comment period for the subject site ended on December 20, 2014. No comments were received by Alameda County Environmental Health (ACEH).

You are free to proceed with the destruction of all wells associated with the site (groundwater, vapor, etc), as requested in the attached November 20, 2014 letter from ACEH. As requested in the letter, please contact the Alameda County Public Works Agency to obtain well destruction permits. ACEH understands there are issues resulting in permitting delays for the well destruction. Please keep ACEH of the permitting schedule.

Following the well destruction, please provide ACEH a well destruction report according to the schedule outlined below. The well destruction report should document site activities, provide well destruction permit documentation, and documentation indicating that any remaining investigation, remediation, and well destruction derived waste have been removed from the site.

TECHNICAL REPORT REQUEST

Please submit reports to Alameda County Environmental Health (Attention: Keith Nowell), and upload technical reports to the ACEH ftp site (Attention: Keith Nowell), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **March 13, 2015 – Well Destruction Report** - File to be named RO251_WELL_DCM_R_yyyy-mm-dd

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Ms. Arceneaux, and Messrs. Ralston, Yu, and Ma
RO000251
December 23, 2014, Page 2

Should you have any questions, please contact me at (510) 567- 6764 or send me an electronic mail message at keith.nowell@acgov.org.

Sincerely,

Keith Nowell, PG, CHG
Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements/Obligations and Electronic Report Upload (ftp) Instructions

Attachment 2 – ACEH Directive Letter dated November 20, 2014

cc: Jim Harms, AECOM, 2020 L Street, Suite 400, Sacramento, CA 95811 (*Sent via E-mail to:* James.Harms@aecom.com)

Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 (*Sent via E-mail to:* lgriffin@oaklandnet.com)

Dilan Roe, ACEH, (sent via e-mail to dilan.roe@acgov.org)
Keith Nowell, ACEH, (sent via e-mail keith.nowell@acgov.org)
Geotracker, Electronic File

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

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

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: May 15, 2014
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

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

REQUIREMENTS

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

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

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

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Thursday, November 20, 2014 4:33 PM
To: 'Nicole.Arceneaux@chevron.com'
Cc: Jim Harms (jim.harms@aecom.com); Roe, Dilan, Env. Health
Subject: Fuel leak case RO251 - UNOCAL #3538, 411 WEST MACARTHUR, OAKLAND

Dear Ms. Arceneaux,

It is approximately midway through the Public Notification period for the subject fuel leak case. To date, Alameda County Environmental Health (ACEH) has not received any comments from the public regarding the potential closure. At this time, ACEH requests that you schedule the well destruction activities for the subject fuel leak case. Please schedule the well destruction for at least two (2) weeks after the completion of the public notification and comment period. The public notification and comment period closes on December 20, 2014.

Please respond via email (Attention: Keith Nowell) confirming the date scheduled for well destruction by **December 5, 2014**.

ACEH will authorize the well destruction in a separate letter following the conclusion of the public notification period.

Should you have any questions, please contact me at (510) 567--6764 or send me an electronic mail message at keith.nowell@acgov.org.

Regards,
Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

PDF copies of case files can be reviewed/downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: [Nowell, Keith, Env. Health](#)
To: [Harms, James](#)
Cc: [Arceneaux, Nicole Marie](#); Ed.C.Ralston@p66.com; [Roe, Dilan, Env. Health](#)
Subject: RE: Fuel leak case RO251 - 411 West MacArthur Blvd, Oakland - Well Destruction Notification
Date: Tuesday, April 21, 2015 4:02:27 PM

Jim,

Thank you for the update. I have revised the submittal date for the Well Destruction Report for May 12, 2015.

Regards

From: Harms, James [mailto:James.Harms@aecom.com]
Sent: Tuesday, April 21, 2015 2:15 PM
To: Nowell, Keith, Env. Health
Subject: Fuel leak case RO251 - 411 West MacArthur Blvd, Oakland - Well Destruction Notification

Keith,

We are scheduled to perform the well destruction activities at site RO251 on 4/27 and 4/28.

Thank you

Jim Harms
Environmental Scientist
Environment at AECOM
D +1 916.414.5863 M +1 916.919.9210
James.Harms@aecom.com

This e-mail and any attachments contain AECOM confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

From: Nowell, Keith, Env. Health [<mailto:Keith.Nowell@acgov.org>]
Sent: Tuesday, December 23, 2014 10:40 AM
To: 'Nicole.Arceneaux@chevron.com'
Cc: Ed.C.Ralston@p66.com; Harms, James; 'lgriffin@oaklandnet.com'; Roe, Dilan, Env. Health; dehloptoxic, Env. Health
Subject: Fuel leak case RO251 - 411 West MacArthur Blvd, Oakland

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO000o251.

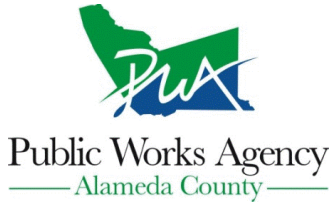
Please add our e-mail address to your address book to prevent future e-mails from being filtered as spam.

Sincerely,

ATTACHMENT B

Permits

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/12/2015 By jamesy

Permit Numbers: W2015-0177 to W2015-0182
Permits Valid from 03/23/2015 to 03/25/2015

Application Id: 1425064135996
Site Location: 411 West Macarthur Blvd
Project Start Date: 03/23/2015
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site:Oakland

Completion Date:03/25/2015

Applicant: AECOM - James Harms
2020 L Street, suite 400, Sacramento, CA 95811
Phone: 916-919-9210

Property Owner: A california limited liability company 411 W
Phone: --

Client: Macarthur LLC
650 B Fremont Avenue #375, Oakland, CA 94024
Nicole Arceneaux
6101 Bollinger Canyon Rd, room 5119, San Ramon, CA 94583
Phone: --

	Total Due:	\$2382.00
Receipt Number: WR2015-0093	Total Amount Paid:	\$2382.00
Payer Name : Paid By: VISA		PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 6 Wells

Driller: Cascade Drilling, LP - Lic #: 938110 - Method: press

Work Total: \$2382.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0177	03/12/2015	06/21/2015	MW-1	9.00 in.	2.00 in.	4.00 ft	29.00 ft	No Records	No Records	No Records
W2015-0178	03/12/2015	06/21/2015	MW-2	9.00 in.	2.00 in.	3.50 ft	30.00 ft	No Records	No Records	No Records
W2015-0179	03/12/2015	06/21/2015	MW-3	9.00 in.	2.00 in.	4.00 ft	29.00 ft	No Records	No Records	No Records
W2015-0180	03/12/2015	06/21/2015	MW-4	9.00 in.	2.00 in.	4.00 ft	29.00 ft	No Records	No Records	No Records
W2015-0181	03/12/2015	06/21/2015	MW-5	9.00 in.	2.00 in.	9.00 ft	30.00 ft	No Records	No Records	No Records
W2015-0182	03/12/2015	06/21/2015	MW-6	9.00 in.	2.00 in.	9.00 ft	30.00 ft	No Records	No Records	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

Alameda County Public Works Agency - Water Resources Well Permit

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.
 4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
 5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
 6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
 8. Remove the Christy box or similar structure. Destroy wells MW-5 and MW-6 by overdrilling the upper 5ft. bgs & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
 9. Remove the Christy box or similar structure. Destroy all other wells by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
 10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

Thank you for your Online Request for Wells Permits.
Your Application Id is: 1425064135996
Application submitted on: 02/27/2015
Project Site City/Location: Oakland / 411 West Macarthur Blvd
Project Start Date: 03/23/2015 **Completion Date:** 03/25/2015

Your Permit Application has been approved.
Permit Number(s) Issued: W2015-0177 to W2015-0182 Valid from 03/23/2015 to 03/25/2015

Inspection is REQUIRED.

To avoid possible delay of your project, you must contact your assigned inspector, [Steve Miller](mailto:stevem@acpwa.org) at stevem@acpwa.org or (510) 670-5517, no later than 5 days before the Project Start Date listed on your permit to schedule your inspection.

The attached PDF file serves as your receipt and permit(s), please print for your record.
Note: You need to have the free [Adobe Reader](#) to open the pdf file.

Conditions of Permit:

Please follow instructions stated on our website.

In addition, you must comply with all specific conditions listed in your permit.

If you need further assistance regarding your permit, please visit our website at:

<http://www.acgov.org/pwa/wells/> or contact us at wells@acpwa.org, and include your application id number.

Thank you,
Public Works Agency-Water Resources

From: [Miller, Steve](#)
To: [Harms, James](#)
Subject: RE: Alameda County Well Permit Approval Notification
Date: Thursday, April 23, 2015 6:42:31 PM

Also, for that one that's close to utilities, as long as the ring is removed you're fine

From: Harms, James [mailto:James.Harms@aecom.com]
Sent: Thursday, April 23, 2015 6:36 PM
To: Miller, Steve
Subject: RE: Alameda County Well Permit Approval Notification

Steve,

We would probably be ready at around 9am but we can do a few at once slightly later if needed for you to observe.

Thank you

Jim Harms
Environmental Scientist
Environment at AECOM
D +1 916.414.5863 M +1 916.919.9210
James.Harms@aecom.com

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From: Miller, Steve [mailto:stevem@acpwa.org]
Sent: Thursday, April 23, 2015 6:23 PM
To: Harms, James
Subject: RE: Alameda County Well Permit Approval Notification

Thanks Jim, what time will you start grouting?

From: Harms, James [mailto:James.Harms@aecom.com]
Sent: Thursday, April 23, 2015 11:48 AM
To: Miller, Steve
Subject: RE: Alameda County Well Permit Approval Notification

Steve,

The utility locating went well so we will stay with the same schedule of the 27th and 28th. There are two wells on the former station property that we would like to leave the concrete pad and just remove all of the well box. There are shallow utilities very close to the well. One of our off site wells is near a gas line, we are planning to just air knife/vac within the original saw cut 3-5 feet down.

Thank you

Jim Harms

Environmental Scientist
Environment at AECOM
D +1 916.414.5863 M +1 916.919.9210
James.Harms@aecom.com

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From: Miller, Steve [<mailto:stevem@acpwa.org>]
Sent: Wednesday, April 15, 2015 4:25 PM
To: Harms, James
Subject: RE: Alameda County Well Permit Approval Notification

Thanks Jim, let me know when you've finalized drill dates/ first grout time and whether utilities are too close to MW-5 and MW-6.

Steve

From: Harms, James [<mailto:James.Harms@aecom.com>]
Sent: Wednesday, April 15, 2015 4:18 PM
To: Miller, Steve
Subject: FW: Alameda County Well Permit Approval Notification

Steve,

We are tentatively scheduled to complete the well destruction on April 27th and 28th. We are doing private utility stuff on 4/22 which could change the pressure grouting schedule if there are utilities within a few feet of the well boxes (Chevron gets nervous about jackhammering near utilities).

Thank you

Jim Harms

Environmental Scientist
Environment at AECOM
D +1 916.414.5863 M +1 916.919.9210
James.Harms@aecom.com

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From: wells@acpwa.org [<mailto:wells@acpwa.org>]
Sent: Thursday, March 12, 2015 10:40 AM
To: Harms, James
Subject: Alameda County Well Permit Approval Notification

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: _____
 Project Number: TSD-15-0051
 Reviewed By: JWatson *J. Watson*
 Date: 3/23/2015
 Permit good from 04/16/2015
 and 04/27/2015

ADD NEW SUBSECTION TO READ:
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Manual on Uniform Traffic Control Devices (MUTCD), Chapter 6 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
Webster Street between W. Macarthur and 38 th Street	Mon. – Fri. 9am – 4pm	1-12' lane open minimum / flaggers		Sidewalk Closure	N/A
W. Macarthur Blvd between Webster and Shafter Street	Mon. – Fri. 9am – 4pm	N/A	N/A	1-12' lane open minimum	N/A

Coordinate all work dates and locations with City of Oakland Right-Of-Way Inspection team.

The Contractor shall also include all check items:

1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6. Flagger control is required. Certified Flagger is required.
7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8. Pedestrian traffic shall be maintained and guided through the project at all times.
9. Provide advance notice to Business and Residence within 72-hours.
10. Allow all traffic movement at intersection.

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

Figure 6H-18. Lane Closure on a Minor Street (TA-18)

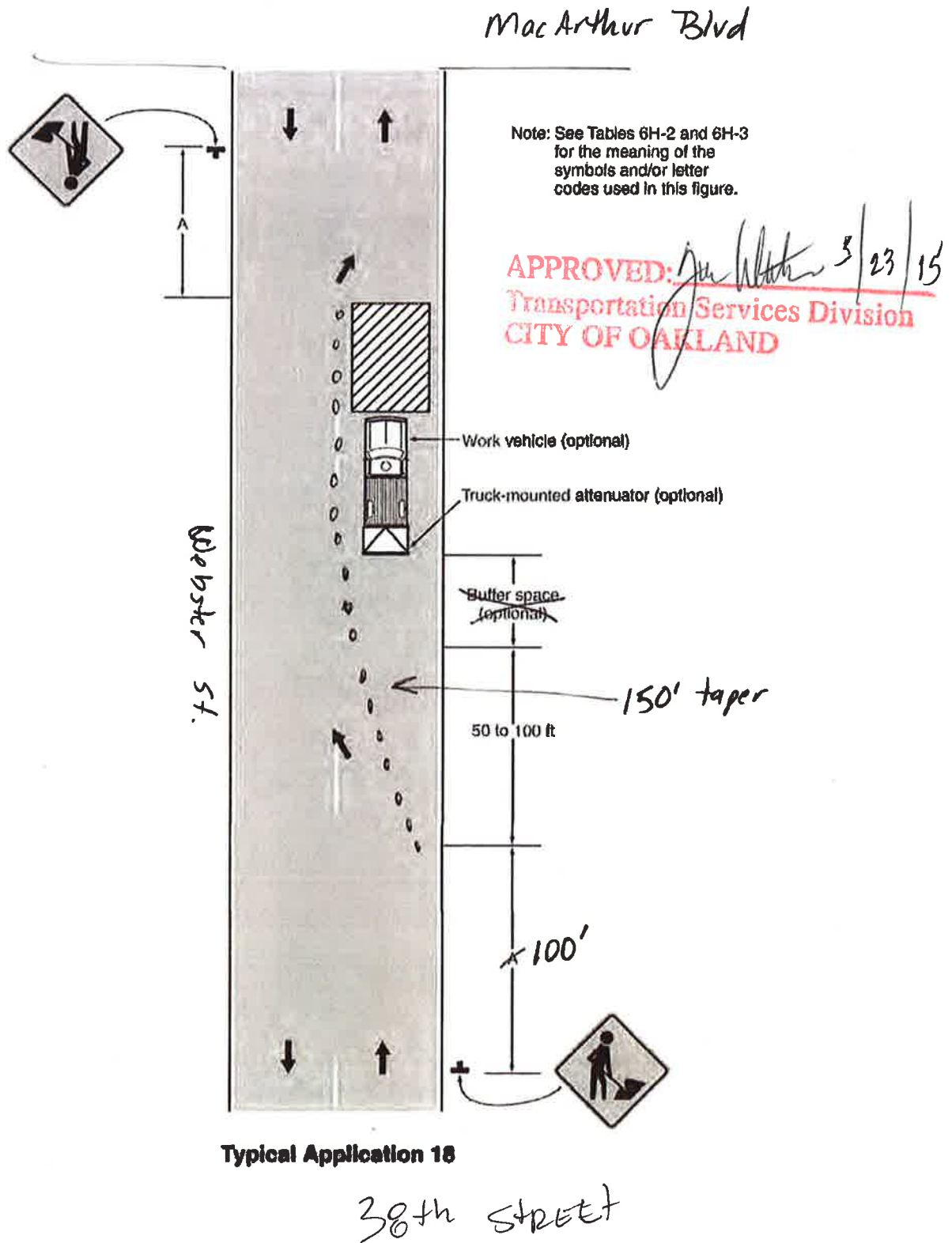
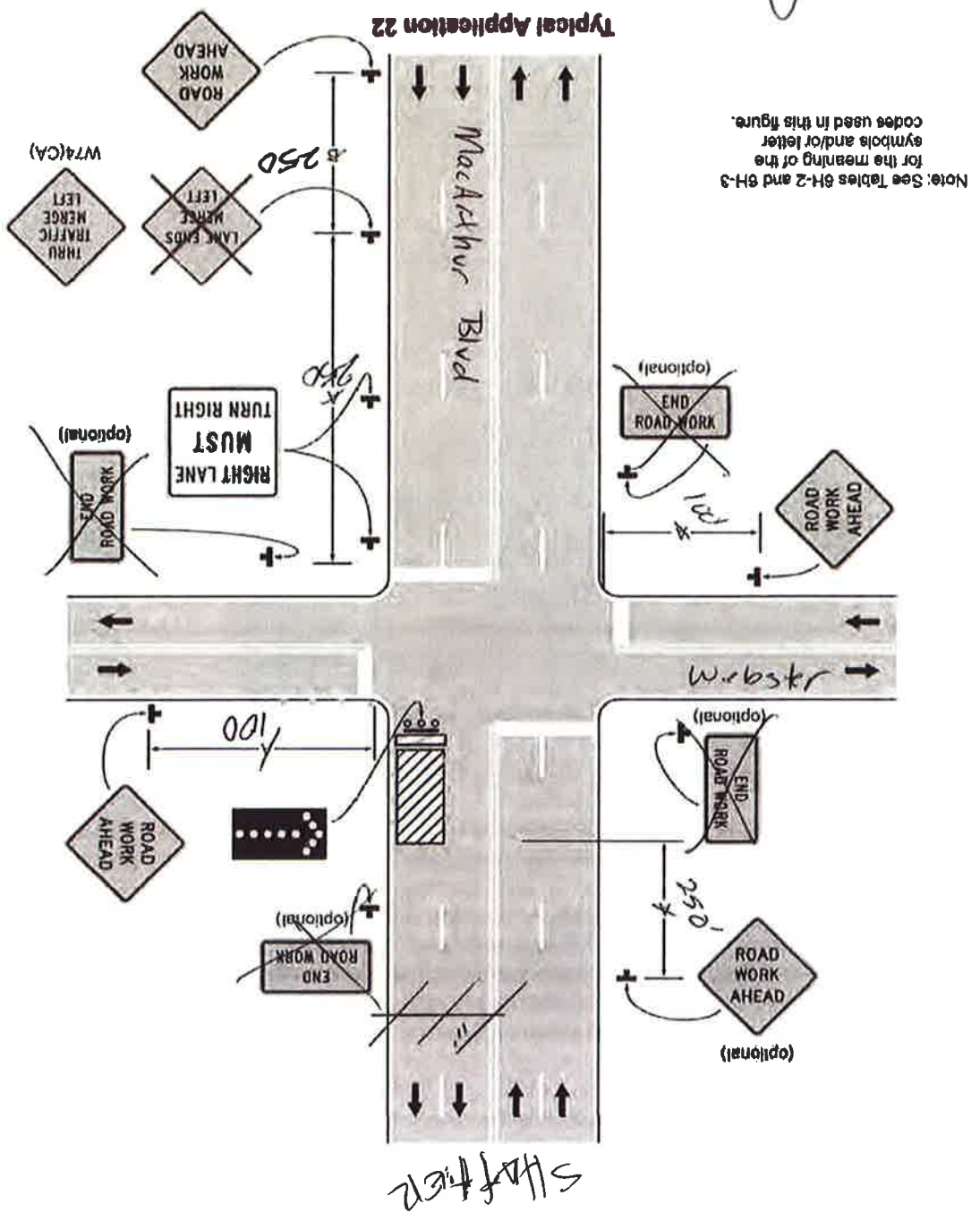
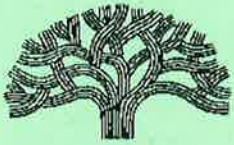


Figure 6H-22. Right-Hand Lane Closure on the Far Side of an Intersection (TA-22)



APPROVED: *[Signature]* 3/23/2012
 Transportation Services Division
 CITY OF OAKLAND

Permits for which no major inspection has been approved within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA ▪ 2ND FLOOR ▪ OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891
FAX: 510-238-2263
TDD: 510-238-3254

Permit No: X1500695 Excavation **Filed Date:** 3/30/2015

Job Site: 411 W MACARTHUR BLVD **Schedule Inspection by calling:** 510-238-3444

Parcel No: 012 094504601

District:

Project Description: ABANDON TWO (2) MONITORING WELLS (S/O OF W MACARTHUR OFF WEBSTER ST & W/O WEBSTER OFF W MACARTHUR.
County documentation provided. Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR.

*Called
4/23 @ 1545*

enroach into public right of way of west MacArthur Bl and Webster St with two monitoring wells recorded 4/19/93 Rescission needed to final.

Related Permits: ENMI96047 OB1500310

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	UNION OIL COMPANY			1111111	
Contractor:	CASCADE DRILLING L P	X	P O BOX 1184 WOODINVILLE, WA	(425) 485-8908	938110

PERMIT DETAILS: Building/Public Infrastructure/Excavation/NA

General Information

Excavation Type: Private Party Special Paving Detail Required: Tree Removal Involved:

Date Street Last Resurfaced: Holiday Restriction (Nov 1 - Jan 1):

Worker's Compensation Company Name: Limited Operation Area (7AM-9AM) And (4PM-6PM):

Worker's Compensation Policy #:

Key Dates

Approximate Start Date:
Approximate End Date:

TOTAL FEES TO BE PAID AT FILING: \$436.05

Application Fee	\$71.00	Excavation - Private Party Type	\$309.00	Records Management Fee	\$36.10
Technology Enhancement Fee	\$19.95				

Plans Checked By _____ Date _____ Permit Issued By _____ Date _____

Finalized By _____ Date _____

FIELD COPY

CITY OF OAKLAND
COMMUNITY & ECONOMIC
DEVELOPMENT AGENCY



LEONARDO G. RIVERA
SR. CONSTRUCTION INSPECTOR
ENGINEERING FIELD SERVICES
BUILDING SERVICES DIVISION
email: lrivera@oaklandnet.com

(510) 238-4759
FAX 238-3586
TDD 238-3254

250 FRANK H. OGAWA PLAZA, SUITE 2340, OAKLAND, CA 94612





Permit No: X1500695

Parcel No: 012 094504601

Job Site: 411 W MACARTHUR BLVD

Page 2 of 2

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 8172, Civil Code).

Lender's Name _____

Branch Designation _____

Lender's Address _____

WORKERS' COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

HAZARDOUS MATERIALS DECLARATION

I hereby affirm that the intended occupancy WILL WILL NOT use, handle or store any hazardous, or acutely hazardous, materials. (Checking "WILL" acknowledges that Sections 25505, 25533, and 25534 of the Health and Safety Code, as well as filing instructions were made available to you).

I HEREBY CERTIFY THE FOLLOWING: That I have read this document; that the above information is correct; and that I have truthfully affirmed all applicable declarations contained in this document. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I hereby agree to save, defend, indemnify and keep harmless the City of Oakland and its officials, officers, employees, representatives, agents, and volunteers from all actions, claims, demands, litigation, or proceedings, including those for attorneys' fees, against the City in consequence of the granting of this permit or from the use or occupancy of the public right-of-way, public easement, or any sidewalk, street or sub-sidewalk or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted I further certify that I am the owner of the property involved in this permit or that I am fully authorized by the owner to access the property and perform the work authorized by this permit.

Name _____

Signature _____

Contractor, or Contractor's Agent

Date

NOTICE: No activities related to the approved work, including storage/use of materials, is allowed within the public right-of-way without an encroachment permit. Dust control measures shall be used throughout all phases of construction.

Permits for which no major inspection has been approved within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA ▪ 2ND FLOOR ▪ OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891
FAX: 510-238-2263
TDD: 510-238-3254

Permit No: OB1500310 Obstruction

Filed Date: 3/30/2015

Job Site: 411 W MACARTHUR BLVD

Schedule Inspection by calling: 510-238-3444

Parcel No: 012 094504601

District:

Project Description: BLOCK 100' OF PARKING & TRAFFIC LANE RELATED TO ACTIVITY BELOW. (SEE ATTACHED APPROVED TRAFFIC CONTROL PLAN). TSD15-0051. 2 Days on 4/16/15 & 4/27/15.

Called 4/23 @ 1:54PM

ABANDON TWO (2) MONITORING WELLS (S/O OF W MACARTHUR OFF WEBSTER ST & W/O WEBSTER OFF W MACARTHUR.

County documentation provided. Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR,

enroach into public right of way of west MacArthur Bl and Webster St with two monitoring wells recorded 4/19/93 Rescission needed to final.

Related Permits: X1500695

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	UNION OIL COMPANY			1111111	
Contractor:	CASCADE DRILLING L P	X	P O BOX 1184 WOODINVILLE, WA	(425) 485-8908	938110

PERMIT DETAILS: Building/Public Use/Activity/Obstructions			
Work Information			
Start Date: 04/16/2015	Obstruction Permit Type:	Short Term (Max 14 Days)	
End Date: 04/17/2015	Number of Meters (Metered Area):		
	Length Of Obstruction (Unmetered Area):	100	

TOTAL FEES TO BE PAID AT FILING: \$239.83			
Application Fee	\$71.00	Records Management Fee	\$19.86
Technology Enhancement Fee	\$10.97	Short Term Permits	\$138.00

Plans Checked By _____ Date _____ Permit Issued By _____ Date _____

Finalized By _____ Date _____

FIELD COPY



Permit No: OB1500310

Parcel No: 012 094504601

Job Site: 411 W MACARTHUR BLVD

Page 2 of 2

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I hereby agree to save, defend, indemnify and keep harmless the City of Oakland and its officials, officers, employees, representatives, agents, and volunteers from all actions, claims, demands, litigation, or proceedings, including those for attorneys' fees, against the City in consequence of the granting of this permit or from the use or occupancy of the public right-of-way, public easement, or any sidewalk, street or sub-sidewalk or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted I further certify that I am the owner of the property involved in this permit or that I am fully authorized by the owner to access the property and perform the work authorized by this permit.

Name _____

Signature _____

Contractor, or Contractor's Agent

Date

NOTICE: No activities related to the approved work, including storage/use of materials, is allowed within the public right-of-way without an encroachment permit. Dust control measures shall be used throughout all phases of construction.

ATTACHMENT C

DWR Well Destruction Reports

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

REMOVED

CONFIDENTIAL

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