

**RECEIVED**

*By dehloptoxic at 1:12 pm, Oct 24, 2006*

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Rd, K2236  
P.O. Box 6012  
San Ramon, CA 94583-2324  
Tel 925-842-9559  
Fax 925-842-8370

**Dana Thurman**  
Project Manager

October 23, 2006

(date)

**ChevronTexaco**

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

Re: Chevron Service Station # 9-4930

Address: 3369 Castro Valley Boulevard, Castro Valley, CA

I have reviewed the attached report titled Well Destruction Report  
and dated October 23, 2006.

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 Cambria Environmental Technology, Inc., upon whose assistance and advice I have relied.

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

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Dana Thurman  
Project Manager

Enclosure: Report

October 23, 2006

Mr. Barney Chan  
Alameda County Health Care Services Agency (ACHCS)  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502-6577

Re: **Well Destruction Report**  
Chevron Service Station #9-4930  
3369 Castro Valley Boulevard  
Castro Valley, California



Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) has prepared this well destruction report on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above (Figure 1). Cambria properly destroyed all site monitoring wells in response to a letter issued by the ACHCS dated January 11, 2006 (Attachment A).

On September 18, 2006, Cambria Staff Scientist Leon Gearhart observed Test America Drilling Corp. [d.b.a. West Hazmat Inc.] (C57# 819548) properly destroy wells MW-1 through MW-4. Wells MW-2 through MW-4 were properly destroyed by pressure grouting. Well MW-1 was inaccessible to the drill rig and was destroyed using a tremie pipe. All wells were abandoned using Portland I/II cement per Alameda County Public Works Agency (ACPWA) standards. The well boxes and upper portion of well casing were removed and backfilled matching existing grade.

The only wastes generated during well destruction activities were well boxes and portions of well casing which were taken by Test America Drilling Corp. and disposed of at their facilities.

Cambria's *Standard Operating Procedures for Monitoring Well Destructions* are presented as Attachment B. A copy of the well destruction permit from ACPWA is presented as Attachment C. Department of Water Resources (DWR) Well Completion/Destruction forms are confidential documents and are therefore not included in this report. These forms have been submitted to the DWR and ACPWA, and copies maintained in Cambria's files will be made available for agency review upon request. Currently, no wells exist at the site.

**Cambria  
Environmental  
Technology, Inc.**

2000 Opportunity Drive  
Suite 110  
Roseville, CA 95678  
Tel (916) 677-3407  
Fax (916) 677-3687

# C A M B R I A

## CLOSING

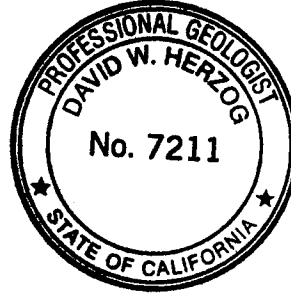
Please call John Bostick at (916) 677-3407 (ext. 107) if you have any questions or comments regarding this investigation.

Sincerely,

**Cambria Environmental Technology, Inc.**



John Bostick  
Staff Scientist



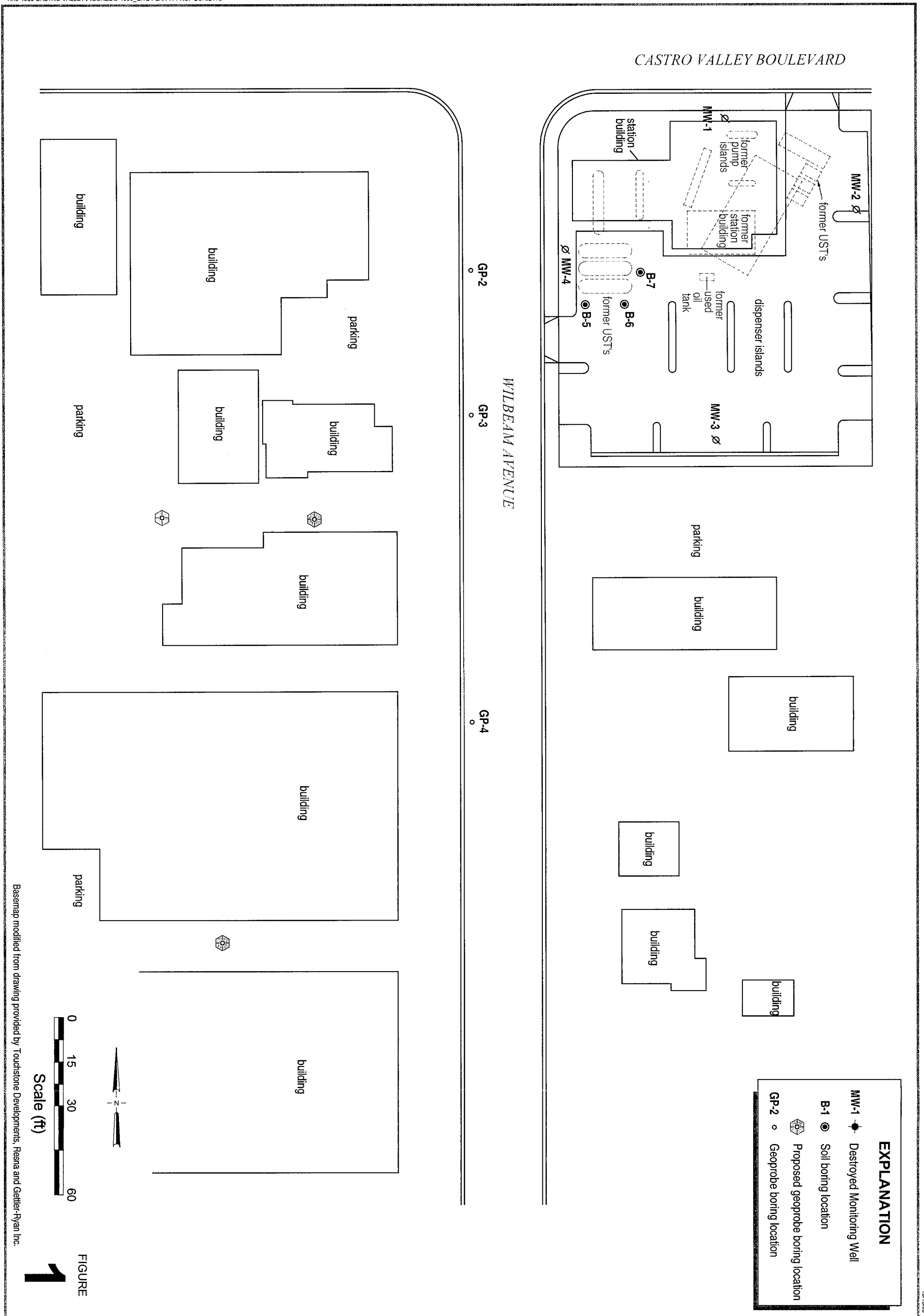
David W. Herzog, P.G. #7211  
Senior Project Geologist

Figures: 1 – Site Plan

Attachments: A – Regulatory Correspondence  
B – Standard Operating Procedures  
C – Permit

cc: Mr. Dana Thurman, Chevron Environmental Management Company, P.O. Box  
6012, K2236, San Ramon, CA 94583

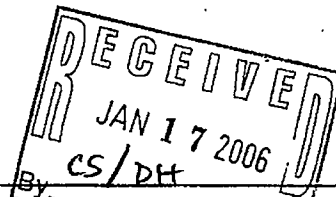
Cambria Environmental Technology, Inc. file copy



**ATTACHMENT A**  
**Regulatory Correspondence**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

January 11, 2006

Mr. Dana Thurman  
ChevronTexaco  
6001 Bollinger Canyon Rd., K2236  
P.O. Box 6012  
San Ramon, CA 94583-2324

Dear Mr. Thurman:

Subject: Fuel Leak Case RO0000416, Chevron #9-4930, 3369 Castro Valley Blvd., Castro Valley, CA 94546

Alameda County Environmental Health has received and reviewed the December 7, 2005 *Subsurface Investigation Workplan* submitted by Cambria Environmental. This work plan responds to the County's July 29, 2005 letter requesting further off-site delineation of the hydrocarbon plume from the subject site. Three off-site borings are proposed from which three groundwater samples will be collected, at first encountered groundwater and at 15' intervals to 35' bgs. The grab groundwater samples will be analyzed for TPHg, BTEX, MTBE, the other oxygenates, TBA, DIPE, TAME, ETBE and the lead scavengers, EDB and EDC. In addition, monitoring wells MW-1 through MW-4 will be properly decommissioned under permit. This work plan is approved. We note that typically, well decommissioning is performed after site closure has been concurred by the Water Board, however, we believe that no further on-site investigation will be required and these wells indicate a stable on-site plume.

TECHNICAL REPORT REQUEST

Please submit the following technical report to our office according to the following schedule.

- 30 days after completion of off-site investigation- Off-site investigation report

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

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, 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. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater

Mr. Dana Thurman  
January 11, 2006  
Page 2 of 2

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 monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [barney.chan@acgov.org](mailto:barney.chan@acgov.org).

#### PERJURY STATEMENT

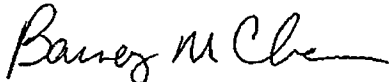
All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or 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.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

Enclosure: ftp instructions

C: files, D. Drogos

√ Anna Counellis & Tula Gallanes, 109 Casa Vieja Place, Orinda, CA 94563  
√ Ms. Christene Sunding, Cambria Environmental, 2000 Opportunity Drive, Suite 110, Roseville, CA 95678

**ATTACHMENT B**

**Standard Operating Procedures**



# **CAMBRIA**

## **STANDARD FIELD PROCEDURES FOR MONITORING WELL DESTRUCTION**

This document presents standard field methods for destroying groundwater monitoring wells. The objective of well destruction is to destroy wells in a manner that is protective of potential water resources. The two procedures most commonly used are pressure grouting and drilling out the well. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

### **Pressure Grouting**

Pressure grouting consists of injecting neat Portland cement through a tremie pipe under pressure to the bottom of the well. The cement is composed of about five gallons of water to a 94 lb. sack of Portland I/II Cement. Once the well casing is full of grout, it remains pressurized for five minutes by applying a pressure of 25 pounds per square inch (psi) with a grout pump. The well casing can also be pressurized by extending the well casing to the appropriate height and filling it with grout. In either case, the additional pressure allows the grout to be forced into the sand pack. After grouting the sand pack and casing, the well vault is removed and the area resurfaced or backfilled as required.

### **Well Drill Out**

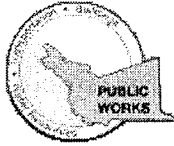
When well drill out is required, the well location is cleared for subsurface utilities and a hollow-stem auger drilling rig is used to drill out the well casing and filter pack materials. First, drill rods are placed down the well and used to guide the augers as they drill out the well. A guide auger is used in place of the drill rods if feasible. Once the well is drilled out, the boring is filled with Portland cement injected through the augers or a tremie pipe under pressure to the bottom of the boring. The well vault is removed and the area resurfaced or backfilled as required.

F:\TEMPLATE\SOPs\Well Destruction SOP.doc

**ATTACHMENT C**

**Permit**

# 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: 08/30/2006 By jamesy**

**Permit Numbers: W2006-0743 to W2006-0746  
Permits Valid from 09/11/2006 to 10/11/2006**

**Application Id:** 1156889668625  
**Site Location:** 3369 Castro Valley Blvd, Castro Valley, CA 94546  
**Project Start Date:** 09/11/2006

**City of Project Site:** Castro Valley

**Completion Date:** 10/11/2006

**Applicant:** Cambira Environmental Technologies - John Bostick  
2000 Opportunity Dr. #110, Roseville, CA 95678  
**Property Owner:** Anna Counellis & Tula Gallanes  
109 Casa Vieja Pl., Orinda, CA 94563  
**Client:** \*\* same as Property Owner \*\*

**Phone:** 916-677-3407

**Phone:** --

	<b>Total Due:</b>	\$1200.00
<b>Receipt Number: WR2006-0393</b>	<b>Total Amount Paid:</b>	\$1200.00
<b>Payer Name : Cambria</b>	<b>Paid By: CHECK</b>	<b>PAID IN FULL</b>

## Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells

Driller: Test America - Lic #: 819548 - Method: other

**Work Total: \$1200.00**

### Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2006-0743	08/30/2006	12/10/2006	MW-1	8.00 in.	2.00 in.	4.00 ft	20.50 ft			
W2006-0744	08/30/2006	12/10/2006	MW-2	8.00 in.	2.00 in.	4.00 ft	21.50 ft			
W2006-0745	08/30/2006	12/10/2006	MW-3	8.00 in.	2.00 in.	4.00 ft	21.50 ft			
W2006-0746	08/30/2006	12/10/2006	MW-4	8.00 in.	2.00 in.	4.00 ft	21.50 ft			

### 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.
3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well 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. Including permit number and site map.
4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend

## **Alameda County Public Works Agency - Water Resources Well Permit**

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.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 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.

6. 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.

7. Remove the Christy box or similar structure.

Destroy well 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.

8. Remove well by excavation. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

9. Prior to installation of any monitoring wells into any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a 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.

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