



**Dave Patten**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-7877  
drpatten@chevron.com

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

**RECEIVED**

By Alameda County Environmental Health 11:55 am, Aug 07, 201

Re: Chevron Service Station No. 94800  
1700 Castro Street  
Oakland, California  
Fuel Leak Case No. RO0000342

I have read and acknowledged the content, recommendations and/or conclusions contained in the attached *Well Destruction Report* submitted on my behalf to Alameda County Department of Public Health's (ACEDH) FTP server and the State Water Resource Control Board's GeoTracker website.

This report was prepared by GHD Services Inc., upon whose assistance and advice I have relied. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed.

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.

Sincerely,

A handwritten signature in black ink, appearing to be "DP", written over a light blue horizontal line.

Dave Patten  
Project Manager

Attachment: *Well Destruction Report*



August 4, 2017

Reference No. 060061

Mr. Mark Detterman  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

**Re: Well Destruction Report  
Chevron Service Station 94800  
1700 Castro Street  
Oakland, California  
Fuel Leak Case No. RO0000342**

Dear Mr. Detterman:

GHD is submitting this *Well Destruction Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (CEMC). In response to the Alameda County Department of Environmental Health's (ACDEH) April 13, 2017 letter (Attachment A), GHD properly destroyed wells MW-1, MW-2, MW-3, MW-4, and MW-7. Well abandonment activities are described below.

## 1. Well Destruction Activities

### *Permits*

GHD obtained well destruction permits (W2017-0496 to W2017-0499 and W2017-0613) from Alameda County Department of Public Works (ACDPW). To complete the well destruction of MW-7, GHD obtained an Obstruction permit (OB1700896) and an Excavation permit (X1700740) from the City of Oakland. The permits are included in Attachment B. Well MW-7 was previously installed under City of Oakland revocable Minor Encroachment Permit (ENMI00080).

### *Site-Specific Health and Safety Plan (HASP)*

GHD prepared a site-specific HASP to protect site workers and visitors during the well destruction activities. The HASP was kept on site, reviewed, and signed by site workers and visitors each day of field activities.

### *Underground Utility Location and Utility Clearance*

GHD contacted Underground Service Alert and utilized a private utility locator on July 6, 2017 to mark the location of underground utilities.



### ***Well Destruction***

On July 18, 2017, GHD observed Vapor Tech Solutions (VTS) properly destroy wells MW-1, MW-2, MW-3, MW-4, and MW-7 by tremie grouting the well casings with Portland neat cement. The casings were pressurized at 25 pounds per square inch (psi) for at least 5 minutes and topped with additional neat cement. Once the wells were pressure grouted, VTS removed the well vaults and resurfaced to match the existing grade. GHD's *Standard Field Procedures for Monitoring Well Destruction* is included as Attachment C.

### ***Well Completion Reports***

GHD submitted Well Completion Reports to the Department of Water Resources (DWR) and ACDPW under a separate cover. The DWR Well Completion Reports are confidential documents and are not included in this report. Copies are maintained in our files and can be provided upon written request.

### ***Waste Removal***

No waste was generated during the well destructions. Construction debris was removed for recycling by the drilling subcontractor.

## **2. Closing**

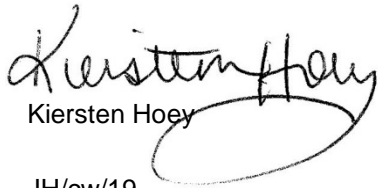
All monitoring wells at the site are destroyed, completing case closure activities approved by ACDEH (Attachment A). On behalf of CEMC, GHD requests that ACDEH issue a final no further action approval letter for this site.



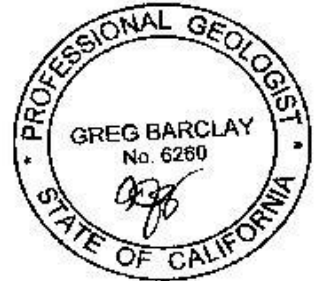
Please do not hesitate to contact Mr. David Patten of CEMC at (925) 842-7877 or Kiersten Hoey of GHD at (510) 420-3327 if you have any questions or comments.

Sincerely,

GHD

  
Kiersten Hoey

  
Greg Barclay PG



JH/cw/19  
Encl.

Figure 1                      Vicinity Map  
Figure 2                      Site Plan

Attachment A                Regulatory Correspondence  
Attachment B                Permits  
Attachment C                GHD's Standard Field Procedure for Monitoring Well Destruction

cc: David Patten, CEMC (*electronic copy*)

# Figures

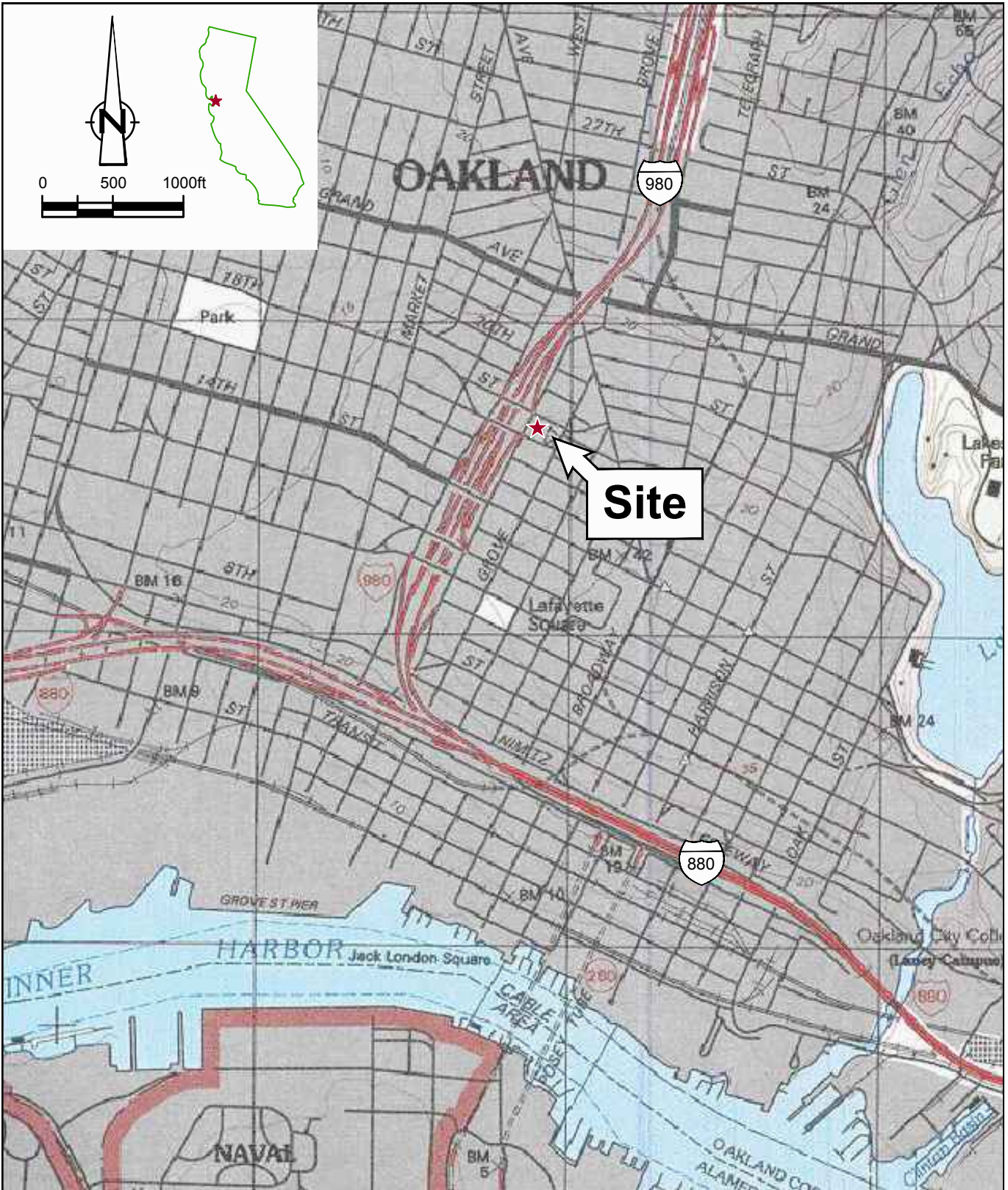
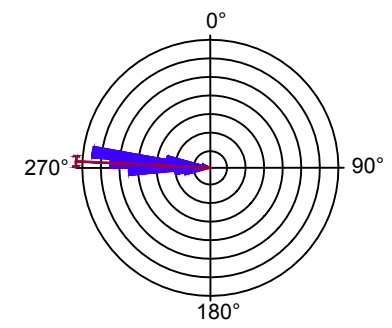
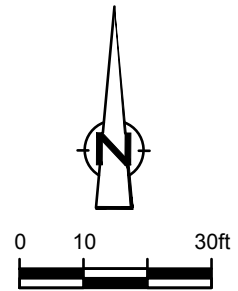
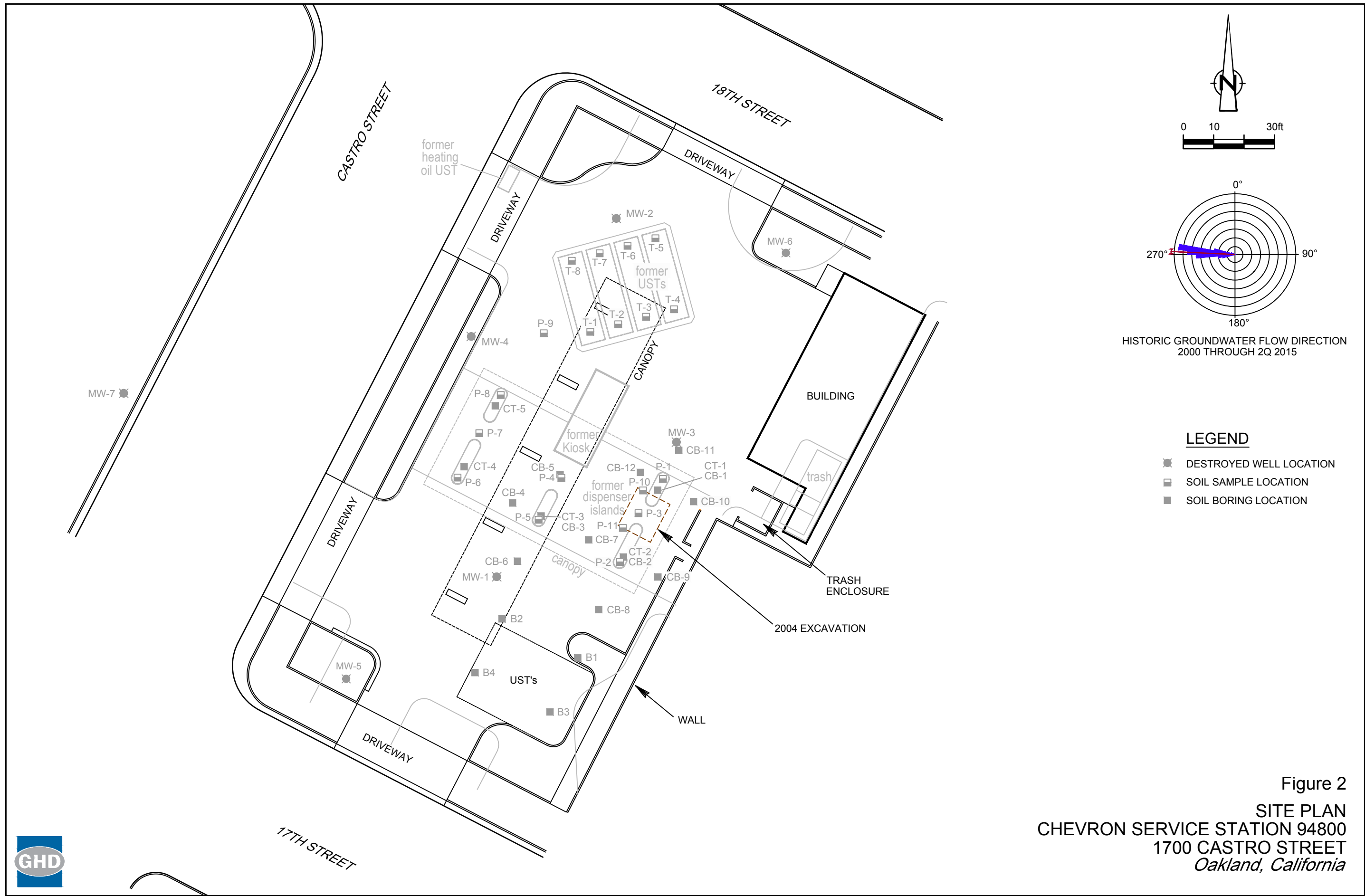


Figure 1  
 VICINITY MAP  
 CHEVRON SERVICE STATION 94800  
 1700 CASTRO STREET  
 Oakland, California







HISTORIC GROUNDWATER FLOW DIRECTION  
2000 THROUGH 2Q 2015

**LEGEND**

- ★ DESTROYED WELL LOCATION
- SOIL SAMPLE LOCATION
- SOIL BORING LOCATION

Figure 2  
 SITE PLAN  
 CHEVRON SERVICE STATION 94800  
 1700 CASTRO STREET  
 Oakland, California



# Attachment A Regulatory Correspondence





April 13, 2017

Mr. David Patten  
Chevron Environmental Management Co.  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
(Sent via electronic mail to: [drpatten@chevron.com](mailto:drpatten@chevron.com))

Subject: Request for Well Destruction; Fuel Leak Case No. RO0000342; (Global ID # T0600102076); Chevron #9-4800, 1700 Castro Street, Oakland, CA 94612

Dear Mr. Patten:

Alameda County Department of Environmental Health (ACDEH) has reviewed the subject fuel case file for the above referenced site for potential case closure. As you are aware, numerous site investigations and groundwater monitoring events for underground storage tank leaks have been performed at the subject property to which you are named as the primary or active responsible party.

#### **Request for Monitoring Well Destruction Scheduling and Waste Removal**

At this time ACDEH requests the permitted destruction of remaining site monitoring wells, disposal of any remaining investigation derived waste, and the submittal of a Well Decommissioning Report and appropriate documentation (permits, waste disposal documentation) by the date identified below. Please be aware that final disposal documentation requires full and complete disposal forms, with a minimum of three accepting signatures. Please also be aware that non-contaminated material such as well boxes do not require disposal documentation.

Please contact the Alameda County Public Works Agency at 510-567-6791 or online, to obtain the required permits. After permits have been received, you are free to proceed with well decommissioning and waste removal activities. Please provide notification to ACDEH a minimum of 72-hours in advance of site work that you have contracted a licensed drilling contractor in order to decommission all remaining wells at the site and provide ACDEH the date of the scheduled well decommissioning and waste removal activities.

#### **SUBMITTAL ACKNOWLEDGEMENT STATEMENT**

Please note that ACDEH has updated Attachment 1 with regard to report submittals to ACDEH. ACDEH will now be requiring a Submittal Acknowledgement Statement, replacing the Perjury Statement, as a cover letter signed by the Responsible Party (RP). The language for the Submittal Acknowledgement Statement is as follows:

*I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's Geotracker Website.*

Please make this change to your submittals to ACDEH.

#### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

Mr. David Patten  
RO0000342  
April 13, 2017, Page 2

- **June 2, 2017** – Well Destruction Report (including Waste Disposal Documentation)  
File to be named RO342\_WELL\_DCM\_R\_yyyy-mm-dd

Thank you for your cooperation. Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,



Mark Detterman, PG, CEG

Senior Hazardous Materials Specialist

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

cc: Kiersten Hoey, GHD, Inc., 5900 Hollis Street, Suite A, Emeryville, CA 94608  
(Sent via electronic mail to: [Kiersten.Hoey@ghd.com](mailto:Kiersten.Hoey@ghd.com))

Dilan Roe, ACDEH, (Sent via electronic mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))

Paresh Khatri, ACDEH; (Sent via electronic mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org))

Mark Detterman, ACDEH, (Sent via electronic mail to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))

Electronic File; GeoTracker



## 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

Alameda County Department of Environmental Health's (ACDEH) Environmental Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) 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 File Transfer Protocol (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 SCP 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 ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)) for more information on these requirements.

#### ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website." 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 6731, 6735, and 7835) 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 licensed 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 case meet this requirement. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsq.ca.gov/laws/index.shtml>.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late 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.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b>	<b>REVISION DATE:</b> December 1, 2016
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010; May 15, 2014, November 29, 2016
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions


The Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) 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)

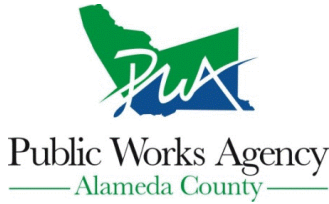
## Submission Instructions

- 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](mailto: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) Open File Explorer using the Windows  key + E keyboard shortcut.
    - i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) On the address bar, type in `ftp://alcoftp1.acgov.org`.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive)
  - d) Click Log On.
  - e) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - f) 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](mailto: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.

# 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: 06/13/2017 By jamesy**

**Permit Numbers: W2017-0496 to W2017-0499**  
**Permits Valid from 06/29/2017 to 06/29/2017**

**Application Id:** 1496698632537  
**Site Location:** 1700 Castro Street, Oakland, CA

**City of Project Site:**Oakland

**Project Start Date:** 06/29/2017  
**Assigned Inspector:** Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org

**Completion Date:**06/29/2017

**Applicant:** GHD - Jessica Hudnall  
5900 Hollis Street, Suite A, Emeryville, CA 94608  
**Property Owner:** Chevron USA Chevron USA  
6001 Bollinger Canyon Road, San Ramon, CA 94583  
**Client:** \*\* same as Property Owner \*\*  
**Contact:** Jessica Hudnall

**Phone:** 949-836-8218  
**Phone:** 925-842-7877  
**Phone:** 949-836-8218  
**Cell:** --

	<b>Total Due:</b>	\$1588.00
<b>Receipt Number: WR2017-0273</b>	<b>Total Amount Paid:</b>	\$1588.00
<b>Payer Name : GHD Services, Inc.</b>	<b>Paid By: CHECK</b>	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 4 Wells

Driller: Vapor Tech Services - Lic #: 916085 - Method: tremi

**Work Total: \$1588.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2017-0496	06/13/2017	09/27/2017	MW-1	8.00 in.	4.00 in.	2.00 ft	31.50 ft			
W2017-0497	06/13/2017	09/27/2017	MW-2	8.00 in.	4.00 in.	2.00 ft	31.50 ft			
W2017-0498	06/13/2017	09/27/2017	MW-3	8.00 in.	4.00 in.	2.00 ft	31.50 ft			
W2017-0499	06/13/2017	09/27/2017	MW-4	8.00 in.	4.00 in.	2.00 ft	30.00 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. 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.

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



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

(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 30 days. Include permit number and site map.

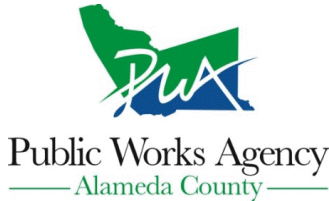
4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and 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 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.

9. 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.
  10. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
-

# 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: 07/31/2017 By jamesy**

**Permit Numbers: W2017-0613**  
**Permits Valid from 08/01/2017 to 08/01/2017**

**Application Id:** 1500402200458 **City of Project Site:**Oakland  
**Site Location:** 1700 Castro Street-(In planter on west side of Castro Street between 17th Street and 18th Street  
(across from 1700 Castro Street)-

**Project Start Date:** Well MW-7 was destroyed on July 18, 2017  
08/01/2017 **Completion Date:**08/01/2017  
**Assigned Inspector:** Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org

**Applicant:** GHD - Jessica Hudnall **Phone:** 949-836-8218  
5900 Hollis Street, Suite A, Emeryville, CA 94608  
**Property Owner:** Chevron USA Chevron USA **Phone:** 925-842-7877  
6001 Bollinger Canyon Road, San Ramon, CA 94583  
**Client:** \*\* same as Property Owner \*\*

	<b>Total Due:</b>	\$397.00
<b>Receipt Number: WR2017-0355</b>	<b>Total Amount Paid:</b>	\$397.00
<b>Payer Name : GHD</b>	<b>Paid By: CHECK</b>	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 1 Wells  
Driller: Vapor Tech Services - Lic #: 916085 - Method: tremi **Work Total: \$397.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2017-0613	07/31/2017	10/30/2017	MW_7	8.00 in.	2.00 in.	2.00 ft	30.00 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. 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.
  
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 30 days. Include permit number and site map.
  
4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

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

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 well(s) by overdrilling the upper 5ft. below ground surface (bgs) and then tremie grouting with neat cement. 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 by approved encroachment permit concrete material and asphalt material by Caltrans Spec or County/City Codes.
  9. 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.
  10. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
  11. MW-7 was destroyed on July 18th and all work completed on that date.
-

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.

- SL and X permits valid 90 days
- CGS permit valid 30 days

**CHECK REVERSE** →

1700 CASTRO ST



**CITY OF OAKLAND**

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

DEPT OF PUBLIC WORKS 4th FLOOR

1700 CASTRO ST

Planning and Building Department  
www.oaklandnet.com

Email: [pwa\\_inspections@oaklandnet.com](mailto:pwa_inspections@oaklandnet.com) or call 510-238-3651

PH: 510-238-3891

FAX: 510-238-2263

TDD: 510-238-3254

For SL; X; and CGS permits see **SPECIAL NOTE** below

Filed Date: 6/29/2017

Permit No: X1700740 OPW - Excavation

Job Site: 1700 CASTRO ST

Schedule Inspection by calling: 510-238-3444

Parcel No: 003 005901302

District:

**Project Description:** Well Destruction on Castro Street. Impact on traffic lane or sidewalk allowed per TSD 17-0145 valid 07/18/17. Traffic lane impact approx. 180 feet. Please see Map. Ensure that environmental controls are in place to prevent dust/debris/waste water from contaminating environment. Additional permits/fees may be required including permits from outside agencies/utility companies. If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum \$5,800.00 fine for non-compliance. Call PWA INSPECTION prior to start: 510-238-3651. email [PWA\\_inspections@oaklandnet.com](mailto:PWA_inspections@oaklandnet.com). Contact: 415-378-0415

**Related Permits:** RE: one groundwater monitoring well  
ENMI00080 OB1700896

ADDRESS

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
<b>Owner:</b>	CHEVRON PRODUCTS COMPANY			9258429500	
<b>Contractor-Employee:</b>	KIERSTEN HOEY	X		415-378-0415	
<b>Contractor:</b>	VAPOR TECH SERVICES GLENN REISS		1348 66TH ST BERKELEY CA, CA	4153780415	916085

APPLICATION

**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:

YL 6/29/17

**TOTAL FEES TO BE PAID AT FILING: \$449.09**

Application Fee	\$70.00	Excavation - Private Party Type	\$321.36	Records Management Fee	\$37.18
Technology Enhancement Fee	\$20.55	<b>SPECIAL NOTE</b>			

- SL; X; and CGS permits: prior to start, email [pwa\\_inspections@oaklandnet.com](mailto:pwa_inspections@oaklandnet.com) or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days



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.

- SL and X permits valid 90 days
- CGS permit valid 30 days

CHECK REVERSE



1700 CASTRO ST



CITY OF OAKLAND

DEPT OF PUBLIC WORKS 4th FLOOR

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

Planning and Building Department  
www.oaklandnet.com

Email: pwa\_inspections@oaklandnet.com or call 510-238-3651

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

TDD: 510-238-3250

For SL; X; and CGS permits see **SPECIAL NOTE** below

Filed Date: 6/29/2017

Permit No: OB1700896 Obstruction

Job Site: 1700 CASTRO ST

Parcel No: 003 005901302

District:

Schedule Inspection by calling: 510-238-3444

**Project Description:** Well Destruction on Castro Street. Impact on traffic lane or sidewalk allowed per TSD 17-0145 valid 07/18/17. Traffic lane impact approx. 180 feet. Please see Map. Ensure that environmental controls are in place to prevent dust/debris/waste water from contaminating environment. Additional permits/fees may be required including permits from outside agencies/utility companies. If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum \$5,800.00 fine for non-compliance. Comply with all terms, conditions and restrictions stated in the Traffic Control Plan. Any/all changes need prior written approval. Provide original Traffic Control Plan at each renewal. Call Oakland Police Department and Fire Department for road closure. Contact: 415-378-0415

RE: Well destruction of groundwater monitoring well

**Related Permits:** X1700740

ADDRESS

	Name	Applicant	Address	Phone	License #
<b>Owner:</b>	CHEVRON PRODUCTS COMPANY			9258429500	
<b>Contractor-Employee:</b>	KIERSTEN HOEY	X		415-378-0415	
<b>Contractor:</b>	VAPOR TECH SERVICES GLENN REISS		1348 66TH ST BERKELEY CA, CA	4153780415	916085

**PERMIT DETAILS:** Building/Public Use/Activity/Obstructions

**Work Information**

Start Date: 7/18/2017      Obstruction Permit Type: Short Term (Max 14 Days)

End Date: 7/18/2017      Number of Meters (Metered Area):

Length Of Obstruction (Unmetered Area): 25

Traffic Control Plan (TCP) to be approved every 30 days by PWA Transportation Services or whenever there is any deviation from previously approved TCP.

APPLICATION

**TOTAL FEES TO BE PAID AT FILING: \$99.84**

Application Fee	\$70.00	Records Management Fee	\$8.27	Short Term Permits	\$17.00
Technology Enhancement Fee	\$4.57				

Plans Checked By \_\_\_\_\_ Date \_\_\_\_\_ **SPECIAL NOTE** Permit Issued By YL Date 6/29/17

- SL; X; and CGS permits: prior to start, email pwa\_inspections@oaklandnet.com or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days

Finalized By \_\_\_\_\_ Date \_\_\_\_\_



## SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: \_\_\_\_\_  
 Project Number: TSD-17-0145  
 Reviewed By: J. Watson *[Signature]*  
 Date: 6/27/2017  
 Plan good from ~~6/29/2017~~  
 thru ~~6/29/2017~~  
*FOR 07/18/2017* *[Signature]*

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
Castro Street between 17 <sup>th</sup> Street and 18 <sup>th</sup> Street	Mon – Fri 9AM – 4PM	Keep at least three 12' lane open for auto and bike <b>SEE NOTE #3</b>	N/A	N/A	N/A

**The Contractor Shall Also include all check item:**

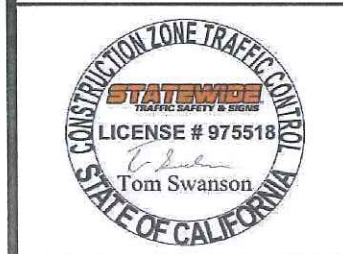
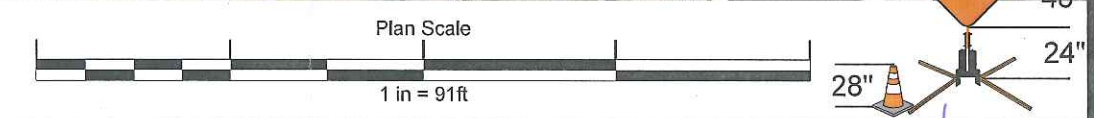
1.  Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2.  Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3.  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.

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





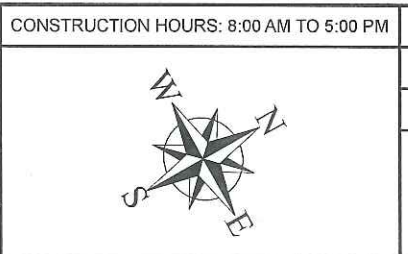
Google earth



5900 HOLLIS ST. STE A. EMERYVILLE, CA.  
 CONTRACTOR

**GHD**

CONTACT:  
 JESSICA HUDNALL  
 PHONE#  
 510-420-3347



CONSTRUCTION HOURS: 8:00 AM TO 5:00 PM

PLAN # 1729  
 DATE: 6-7-17  
 SHEET # 1 OF 1

JOB LOCATION:  
 1700 CASTRO ST,  
 OAKLAND

LEGEND

CONE2 \*    SIGN STAND    C30A(CA)    W21-5    MW-7

APPROVED: *[Signature]* 6/27/2017  
 Transportation Services Division  
 CITY OF OAKLAND



City of Oakland  
Planning and Building Department  
250 Frank H. Ogawa Plaza  
510-238-4774

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844 Accela Permit	1x	0.00	0.00
Permit Number: X1700740			
Fee			
Technology Enhancement Fee	1x	20.55	20.55
Fee			
Records Management Fee	1x	37.18	37.18
Fee			
Application Fee	1x	70.00	70.00
Fee			
Excavation - Private Party Type	1x	321.36	321.36
844 Accela Permit			
Permit Number: OB1700896	1x	0.00	0.00
Fee			
Application Fee	1x	70.00	70.00
Fee			
Short Term Permits	1x	17.00	17.00
Fee			
Technology Enhancement Fee	1x	4.57	4.57
Fee			
Records Management Fee	1x	8.27	8.27

Payer Name: CONESTOGA-ROVERS &  
ASSOCIATES INC.

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SubTotal:	548.93
Total:	548.93

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Check Number : 12041	548.93
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6/29/2017 09:21  
#0760384 /77/24  
Thank You

Attachment C  
GHD's Standard Field Procedure  
for Monitoring Well Destruction

# Attachment C    Standard Field Procedures for Monitoring Well Destruction

This document presents standard field procedures for properly destroying groundwater monitoring wells. The objective of well destruction is to destroy wells in a manner that is protective of potential water resources. These procedures are designed to comply with Federal, State and local regulatory guidelines.

## ***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 2.5 gallons of water to a 50 pound sack of Portland II/V Cement. Once the well casing is full of grout, it is 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.