



**Alexis Fischer**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 790-6441  
afischer@chevron.com

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

**RECEIVED**

*By Alameda County Environmental Health at 1:56 pm, Nov 24, 2014*

Re: Chevron Service Station No. 91851  
451 Hegenberger Drive  
Oakland, CA

I have reviewed the attached report titled *Well Destruction Report*.

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 Conestoga-Rovers & Associates, 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 to the best of my knowledge.

Sincerely,

A handwritten signature in blue ink that reads "Alexis Fischer".

Alexis Fischer  
Project Manager

Attachment: *Well Destruction Report*



**CONESTOGA-ROVERS  
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608  
Telephone: (510) 420-0700 Fax: (510) 420-9170  
[www.CRAworld.com](http://www.CRAworld.com)

November 20, 2014

Reference No. 311976

Mr. Mark Detterman  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: Well Destruction Report  
Chevron Service Station 91851  
451 Hegenberger Road  
Oakland, California  
Fuel Leak Case RO0000464

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Well Destruction Report* for the site referenced above (Figures 1 and 2) on behalf of Chevron Environmental Management Company (CEMC). As requested by Alameda County Environmental Health (ACEH) in a letter dated May 27, 2014 (Attachment A) the monitoring wells were destroyed to facilitate case closure. Work completed in association with well destruction activities is described below.

## **1.0 Well Destructions**

During the well destruction activities, the station was being remodeled by the property owner. On August 7, 2014, CRA visited the site to inspect site conditions and mark the site for Underground Service Alert (USA). All the monitoring wells were located with the exception of well MW-1. After discussing the missing well with the property owner and construction manager, it appears that the well box and lid of well MW-1 was removed during redevelopment activities. In response, CRA contracted NORCAL Geophysical Consultants Inc. (NORCAL), of Cotati, California, a geophysical consultant and Morrow Surveying, Inc. (Morrow) of West Sacramento, California, a licensed land surveyor to locate well MW-1. Additional attempts were made by the construction crew to locate the lost well by a limited extent excavation in the area of the well based on the site plan, site knowledge, and the location the land surveyor identified. All of these attempts to locate well MW-1 were unsuccessful.

CRA notified Alameda County Public Works Agency (ACPWA) (who permitted the well destructions) that well MW-1 was unable to be located after several attempts. ACPWA requested a letter summarizing the effort made to search for the lost well. The letter is presented as Attachment B. A summary of the well destructions activities associated with wells MW-4, MW-5 and MW-6 are presented below.

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Equal  
Employment Opportunity  
Employer

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***Permits***

The work was performed under ACPWA permit numbers W2014-0753 to W2014-0756 (Attachment C).

***Personnel***

CRA personnel Belew Yifru and Alyssa Beerling oversaw the well destructions under the supervision of California Professional Geologist Celina Hernandez, P.G. 8931.

***Drilling Company***

CRA contracted Vapor Tech Services of Hayward, California (C57 #916085) to destroy the wells.

***Subsurface Clearance***

On August 7, 2014, CRA notified USA to mark the location of underground utilities on and around each well location. A private underground utility locator, NORCAL, was contracted to identify subsurface utilities and obstructions near the wells and to confirm markings by USA. Due to station construction activities, the geophysical survey was only performed at MW-6 on August 27, 2014. An attempt to search for lost well MW-1 was also completed and is summarized in the letter presented as Attachment B.

***Well Destructions***

On September 9, 2014, monitoring wells MW-4, MW-5 and MW-6 were destroyed. During the station remodeling activities the well boxes were compromised thus allowing dirt and debris to enter the well casings. In order to grout the wells, air knife and portable vacuum equipment was used to evacuate the obstructions in the wells. All obstructions were successfully evacuated to the extent possible. CRA received approval from ACPWA to tremie grout the wells instead of pressure grout due to the lack of a well box or its condition which did not allow the pressure grouting equipment to be properly anchored. The wells were tremie grouted to the following depths: MW-4 to 13 feet below grade (fbg) with a total well depth of 16 fbg, MW-5 to 10 fbg with a total well depth of 10 fbg, and MW-6 to 8 fbg with a total well depth of 10 fbg.

The surface at the well locations was finished with concrete to match existing grade. The well box for MW-6 was left in place with permission from the property owner and ACPWA. The well box was filled with concrete flush with the existing grade. Attachment D presents CRA's standard field procedures for well destructions.

***Waste Disposal***

Soil and construction debris generated during well destruction activities were placed in a labeled, Department of Transportation approved 55-gallon steel drum and stored onsite, pending laboratory analysis. The waste will be transported and disposed at a Chevron and state approved disposal facility



**CONESTOGA-ROVERS  
& ASSOCIATES**

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by December 5, 2014 per the request of ACEH (Attachment A). Copies of the waste manifests will be provided to ACEH upon receipt.

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

On October 2, 2014 CRA submitted Well Completion Reports for wells MW-4, MW-5 and MW-6 to the Department of Water Resources (DWR) and ACEH. ACPWA stated that a DWR Well Completion Report was not needed for lost well MW-1 and requested the letter presented in Attachment B. DWR Well Completion Reports are confidential documents and are therefore not included in this report. Copies maintained in our files will be made available for agency review upon request.

## **2.0 Closing**

On behalf of Chevron, CRA requests a final 'No Further Action' letter be issued for this site. Please contact Nathan Lee at (925) 849-1003 or [nlee@croworld.com](mailto:nlee@croworld.com) if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Alyssa Beerling

Celina Hernandez, PG 8931



AB/mws /26  
Encl.



**CONESTOGA-ROVERS  
& ASSOCIATES**

November 20, 2014

Reference No. 311976

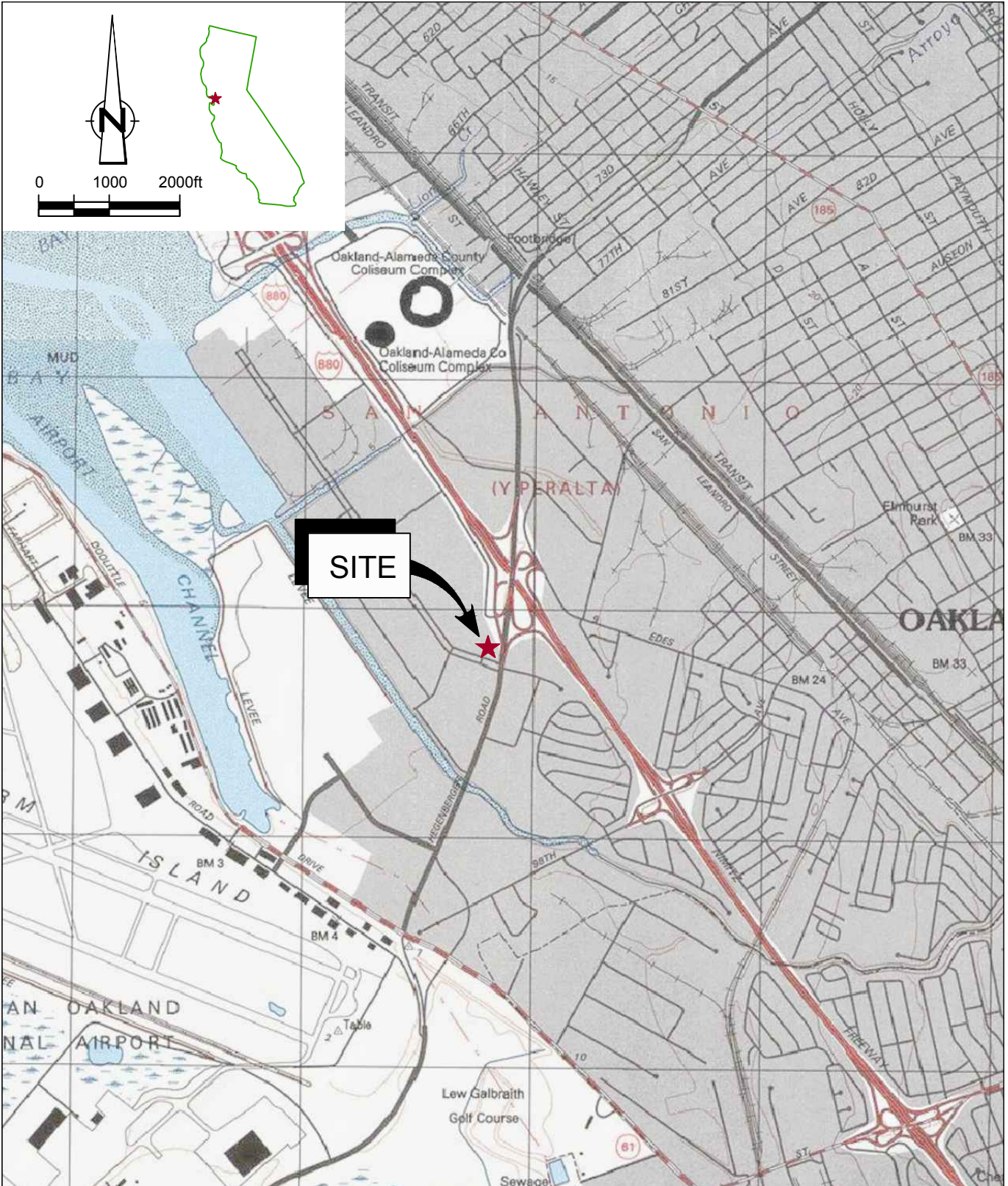
- 4 -

Figure 1            Vicinity Map  
Figure 2            Site Plan

Attachment A      ACEH Regulatory Correspondence  
Attachment B      CRA's Letter to ACPWA dated September 11, 2014  
Attachment C      ACPWA Permit  
Attachment D      CRA's *Standard Field Procedures for Monitoring Well Destruction*

cc:      Ms. Alexis Fischer, Chevron EMC (*electronic copy*)  
         Mr. Navdeep Singh Grewal, Property Owner  
         Mr. Steve Miller, ACPWA (*electronic copy*)

## FIGURES





SOURCE: USGS QUADRANGLE MAP;  
 EAST OAKLAND, CALIFORNIA; DATE: 1997  
 SAN LEANDRO, CALIFORNIA; DATE: 1993

Figure 1  
 VICINITY MAP  
 CHEVRON SERVICE STATION 91851  
 451 HEGENBERGER ROAD  
 Oakland, California



**LEGEND**

-  ABANDONED MONITORING WELL
-  DESTROYED MONITORING WELL LOCATION

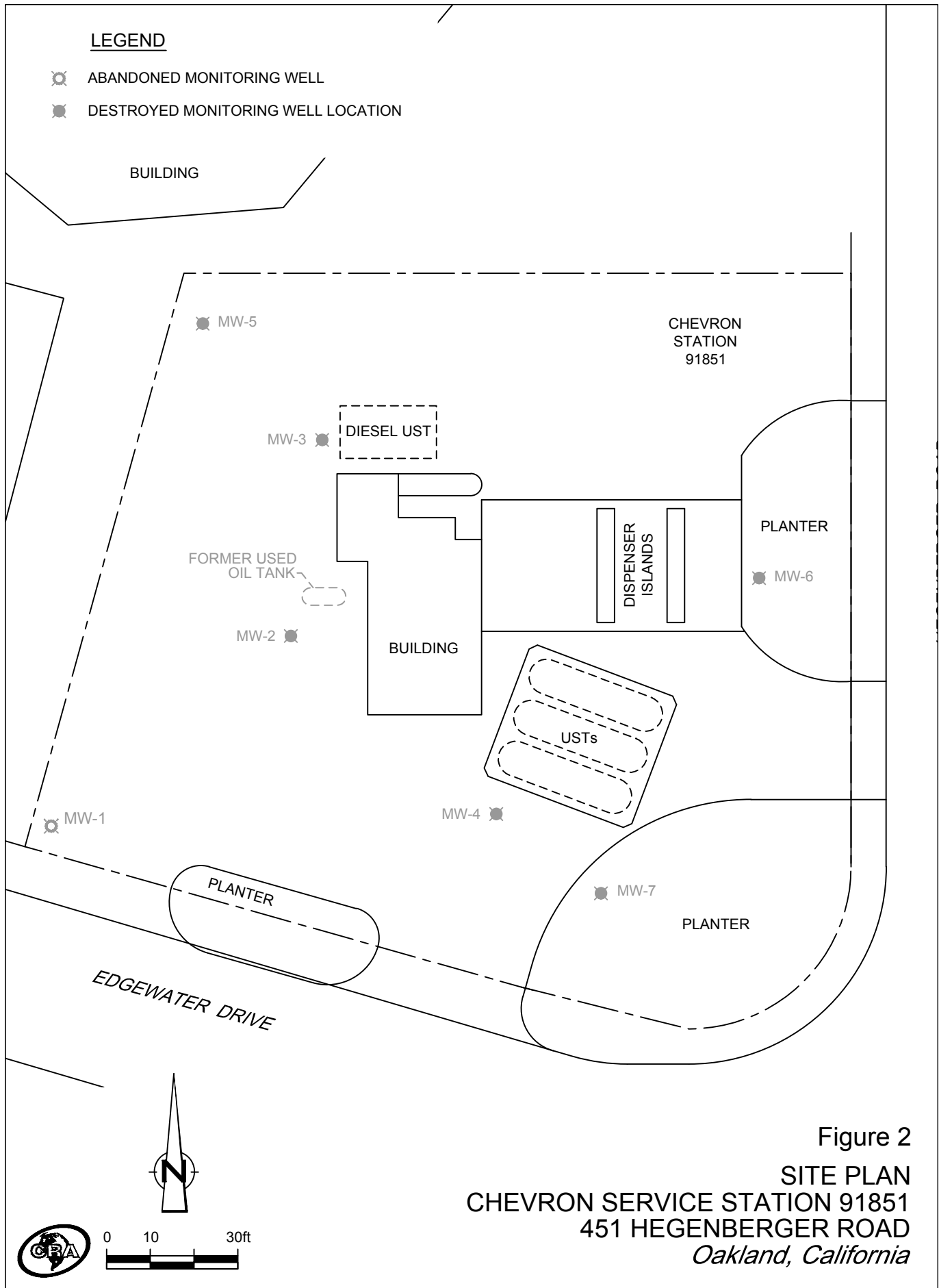


Figure 2  
SITE PLAN  
CHEVRON SERVICE STATION 91851  
451 HEGENBERGER ROAD  
Oakland, California



ATTACHMENT A  
ACEH REGULATORY CORRESPONDENCE



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

May 27, 2014

Mr. Alexis Fischer  
Chevron Environmental Management Co.  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
(sent via electronic mail to  
[AFischer@chevron.com](mailto:AFischer@chevron.com))

Mr. Mark Gomez  
City of Oakland  
250 Frank Ogawa Plaza,  
Suite 5301  
Oakland, CA, 9461  
(sent via electronic mail to  
[mgomez@oaklandnet.com](mailto:mgomez@oaklandnet.com))

Simgas LLC  
655 Montgomery St #1900  
San Francisco, CA 94111

Gurinder Grewal & Navdeep Singh  
349 Brianne Ct.  
Pleasanton, CA 94566  
(sent via electronic mail to [grewalngns@yahoo.com](mailto:grewalngns@yahoo.com))

Subject: Public Participation Notification for Case Closure Consideration for Fuel Leak Case No. RO0000464; (Global ID # T0600102238); Chevron #9-1851, 451 Hegenberger Road, Oakland, CA 94612

Dear Ms. Fischer, and Messrs. Gomez, Grewal, and Singh:

Alameda County Environmental Health (ACEH) is reviewing the fuel case file for the above referenced site for potential case closure. As you are aware a site investigation and groundwater monitoring for underground storage tank leaks has been performed at the subject property to which you are named as the primary or active responsible party.

### Public Participation

Public participation is a requirement for the Corrective Action Plan and case closure process. In order to notify potentially affected members of the public of the potential fuel leak case closure, ACEH has distributed the attached *Notification of Potential Case Closure* to addresses in the immediate vicinity. The *Notification of Potential Case Closure* requests that landowners or residents submit any comments or questions to ACEH regarding potential case closure by August 1, 2014. ACEH will consider all comments from the public prior to potential case closure.

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

Local Oversight Programs are required by the State's Low Threat Closure Policy (LTCP) to issue a uniform closure letter within 30 days from the end of the public comment period and completion of associated tasks (report of monitoring well destruction and waste removal) for case closures. After written ACEH concurrence (e-mail or other) that there have been no comments of significance you would be free to proceed with well decommissioning and waste removal activities.

In order to meet this timeline ACEH requests that wells be scheduled for destruction, wastes (as defined by the LTCP) be removed from the site, and a Well Decommissioning Report and appropriate disposal documentation submitted as soon as possible after the end date of the public comment period. Please contact the Alameda County Public Works Agency at 510-567-6791 or online, to obtain the required well destruction permits. Please provide notification to ACEH of the date of planned well destruction and waste removal activities.

### TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH 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:

- **June 1, 2014** – Public Comment Period Begins
- **August 1, 2014** – Public Comment Period Ends
- **October 3, 2014** – Complete Well Decommissioning and Waste Removal. (Please notify ACEH at least 48-hours in advance with an e-mail message to [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).)
- **December 1, 2014** – Well Decommissioning Report (with waste disposal documentation)  
File to be named: RO464\_WELL\_DCM\_R\_yyyy-mm-dd
- **4 Weeks After Completion of All Required Submittal Tasks** – Uniform Closure Letter Issued  
(Provided all required documents have been submitted)

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.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

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,



Digitally signed by Mark E. Detterman  
DN: cn=Mark E. Detterman, o, ou, email,  
c=US  
Date: 2014.05.27 10:40:40 -07'00'

Mark E. Detterman, PG, CEG  
Senior Hazardous Materials Specialist

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

Attachment A – *Invitation to Comment – Potential Case Closure*  
Attachment B – Mailing List

cc: Nathan Lee, Conestoga-Rovers & Assoc., 5900 Hollis Street, Suite A, Emeryville, CA 94608  
(sent via electronic mail to [nlee@craworld.com](mailto:nlee@craworld.com))

Bob Clark-Riddell, Pangea Environmental Services, Inc., 1710 Franklin Street, Suite 200, Oakland, CA 94612 (sent via electronic mail to [BRiddell@pangeaenv.com](mailto:BRiddell@pangeaenv.com))

Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Suite 3341, Oakland, CA 94612-2032 (sent via electronic mail to [lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com))

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

Mark Detterman, ACEH, (sent via electronic mail to [mark.detterman@acgov.org](mailto:mark.detterman@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/](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.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> May 15, 2014
	<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
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> 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](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) 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](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](mailto: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.



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

**INVITATION TO COMMENT – POTENTIAL CASE CLOSURE**

**Chevron #9-1851  
451 Hegenberger Road, Oakland, 94612  
FUEL LEAK CASE RO0000464  
GEOTRACKER GLOBAL ID T0600102238**

**May 27, 2014**

The above referenced site is a fuel leak case that is under the regulatory oversight of the Alameda County Environmental Health (ACEH) Local Oversight Program for the investigation and cleanup of a release of petroleum hydrocarbons from an underground storage tank system. Site investigation and cleanup activities have been completed and the site has been evaluated in accordance with the State Water Resources Control Board Low-Threat Closure Policy. The site appears to meet all of the criteria in the Low-threat Closure Policy. Therefore, ACEH is considering closure of the fuel leak case.

This notice is being sent to the current landowner in compliance with Health and Safety Code Section 25295.40. It is also being sent to the current occupants and landowners of adjacent properties and known interested parties for this site.

The public is invited to review and comment on the potential closure of the fuel leak case. The entire case file can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.swrcb.ca.gov>). Please send written comments to Mark Detterman at the address below; all comments will be forwarded to the responsible parties. **Comments received by August 1, 2014 will be considered and responded to prior to a final determination on the proposed case closure.**

If you have comments or questions regarding this site, please contact the ACEH caseworker, Mark Detterman at 510-567-6876 or by email at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org). Please refer to ACEH case RO0000464 in any correspondence.

BERETTA INVESTMENT  
Parcel #: 42-4425-12-7  
39560 STEVENSON PL #215  
FREMONT CA 94539

CONVENIENCE RETAILERS  
Parcel #: 42-4425-12-4  
P O BOX 59365  
SCHAUMBURG IL 60159

GREWAL GURINDER K &  
Parcel #: 42-4425-10-8  
349 BRIANNE CT  
PLEASANTON CA 94566

KOLL PUEBLO UNO  
Parcel #: 42-4425-24  
P.O. BOX 8050  
BENTONVILLE AR 72712

PLP PARTNERS LP  
Parcel #: 44-5078-1-1  
11 SAGEBRUSH CT  
SAN RAFAEL CA 94901

RESIDENT  
Parcel #: 44-5076-1  
410 HEGENBERGER RD  
OAKLAND CA 94621

RESIDENT  
Parcel #: 44-5078-1-1  
460 HEGENBERGER RD  
OAKLAND CA 94621

RESIDENT  
Parcel #: 42-4425-12-7  
8425 EDGEWATER DR  
OAKLAND CA 94621

RESIDENT  
Parcel #: 42-4425-10-8  
EDGEWATER DR  
OAKLAND CA 94608

RESIDENT  
Parcel #: 42-4425-12-4  
449 HEGENBERGER RD  
OAKLAND CA 94621

RESIDENT  
Parcel #: 42-4425-24  
8400 EDGEWATER DR  
OAKLAND CA 94621

RESIDENT  
Parcel #: 42-4425-25  
8450 EDGEWATER DR  
OAKLAND CA 94621

RESIDENT  
Parcel #: 42-4425-26  
8460 EDGEWATER DR  
OAKLAND CA 94621

TURNER LAND CO LP  
Parcel #: 42-4425-25  
P O BOX 715  
WEST SACRAMENTO CA 95691

WEST COAST HEGENBERGER  
Parcel #: 42-4425-26  
400 VALLEY WAY  
MILPITAS CA 95035

WILLEDY INC  
Parcel #: 44-5076-1  
8323 BALDWIN ST  
OAKLAND CA 94621

East Bay Municipal Utility District  
Ken Minn  
P.O. Box 24055,  
Oakland, CA 94623

[kminn@ebmud.com](mailto:kminn@ebmud.com)

City Of Oakland Fire Department  
Leroy Griffin  
150 Frank H. Ogawa Plaza Suite 3341  
Oakland CA 94612

[lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com)

Cherie McCaulou  
Engineering Geologist  
Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay St, Ste 1400  
Oakland, CA 94612

[cmccaulou@waterboards.co.gov](mailto:cmccaulou@waterboards.co.gov)



## Hernandez, Celina

---

**From:** Lee, Nathan  
**Sent:** Monday, September 29, 2014 12:22 PM  
**To:** Hernandez, Celina  
**Subject:** FW: Former Chevron 91851 (RO 143) -1633 Harrison Street, Oakland - Well Destruction Extension Request ~COR-311976~

**Nathan Lee, P.G.**  
**Conestoga-Rovers & Associates (CRA)**

2300 Clayton Road, Suite 920  
Concord, CA 94520

Phone: 925.849.1003  
Fax: 510.420.9170  
Cell: 510.385.2499  
Email: [nlee@CRAworld.com](mailto:nlee@CRAworld.com)

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**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Tuesday, September 23, 2014 3:54 PM  
**To:** Lee, Nathan  
**Cc:** Roe, Dilan, Env. Health; Fischer, Alexis N  
**Subject:** RE: Former Chevron 91851 (RO 143) -1633 Harrison Street, Oakland - Well Destruction Extension Request

Nathan,  
Please use this email to document ACEH concurrence.  
Thanks for the status update.

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
*Direct: 510.567.6876*  
*Fax: 510.337.9335*  
*Email: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)*

*PDF copies of case files can be downloaded at:*

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

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**From:** Lee, Nathan [<mailto:nlee@craworld.com>]  
**Sent:** Tuesday, September 23, 2014 3:44 PM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Roe, Dilan, Env. Health; Fischer, Alexis N  
**Subject:** Former Chevron 91851 (RO 143) -1633 Harrison Street, Oakland - Well Destruction Extension Request

Mark,

Conestoga-Rovers and Associates (CRA) on behalf of Chevron Environmental Management Company (EMC) would like to request an extension for the October 3, 2014 date that Alameda County Environmental Health's (ACEH) requested for

the Monitoring Well Decommissioning and Waste Removal in the ACEH letter dated May 27, 2014 and email dated August 4, 2014. The reason for the extension, as discussed over the phone on September 19, 2014, is that the waste generated during the well destructions will not be able to be removed by October 3, 2014. The waste is currently in the process of being profiled for disposal. Once profiled the waste will be transported to the appropriate facility. The ongoing redevelopment activities occurring onsite caused delays as to when CRA could be onsite to decommission the wells. Therefore an extension of **December 5, 2014** for Waste Removal is requested. As the wells have been decommissioned, the Well Decommissioning Report will be submitted on December 1, 2014 as requested in the May 27, 2014 letter.

Thanks,

**Nathan Lee, P.G.**  
**Conestoga-Rovers & Associates (CRA)**  
2300 Clayton Road, Suite 920  
Concord, CA 94520

Phone: 925.849.1003  
Fax: 510.420.9170  
Cell: 510.385.2499  
Email: [nlee@CRAworld.com](mailto:nlee@CRAworld.com)

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ATTACHMENT B

CRA'S LETTER TO ACPWA DATED SEPTEMBER 11, 2014



**CONESTOGA-ROVERS  
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608  
Telephone: (510) 420-0700 Fax: (510) 420-9170  
[www.CRAworld.com](http://www.CRAworld.com)

September 11, 2014

Reference No. 311976

Alameda Public Works Agency (ACPWA)  
Mr. Steve Miller  
399 Elmhurst Street  
Hayward, CA 94544-1395

Dear Mr. Miller:

Re: Missing Monitoring Well MW-1  
Former Chevron Service Station 91851  
451 Hegenberger Road  
Oakland, California  
ACPWA Permit# W2014-0753

---

## **1.0 Introduction**

Conestoga-Rovers & Associates (CRA) is submitting this letter on behalf of Chevron Environmental Management Company (CEMC) per your request in an email dated August 26, 2014 (Attachment A) to document the status of onsite monitoring well MW-1 located at 451 Hegenberger Road, Oakland, California (Figure 1). A site plan showing the location of MW-1 is provided as Figure 2.

## **2.0 Status of Monitoring Well MW-1**

The site is a Chevron-branded gas station owned and operated by Navdeep Singh Grewal & Gurinder K. Grewal (Owner). The site is currently undergoing redevelopment. The former station building was recently demolished and the development of a new station building is underway. Well MW-1 was formerly located in the southwestern corner of the site, an area which was recently excavated and backfilled during construction activities for the new station building. During this process, the well vault was removed and the exact location of well MW-1 cannot be determined.

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Employer

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**CONESTOGA-ROVERS  
& ASSOCIATES**

September 11, 2014

Reference No. 311976

- 2 -

CRA's effort to locate missing well MW-1 included the following:

- August 18, 2014 - CRA discussed missing well MW-1 with the Mr. Navdeep Singh Grewal and learned that the Owner's contractor remembered seeing the well. CRA reviewed old photos to approximate the location of the well MW-1 (Attachment B). Per CRA's request, the contractor had the soil in the vicinity of MW-1 removed by a skid loader and shovel but the well was not found.
- August 25, 2014 – a licensed surveyor, Morrow Surveying, Inc. (Morrow) of West Sacramento, California was contracted by CRA to locate well MW-1. Based on the location determined by Morrow, the construction crew dug an area approximately 4 feet by 4 feet and 2 feet below grade, but well MW-1 was still not found. A copy of Morrow's letter describing their efforts to locate the well is presented as Attachment C.

Based on the above investigations, CRA and CEMC believe that MW-1 was partially over-excavated during site redevelopment activities and therefore can no longer be located.

If you have any further questions or need any other information, please contact me.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Celina Hernandez

CH/mws/1

Encl.



**CONESTOGA-ROVERS  
& ASSOCIATES**

September 11, 2014

Reference No. 311976

- 3 -

Figure 1 Vicinity Map

Figure 2 Site Plan

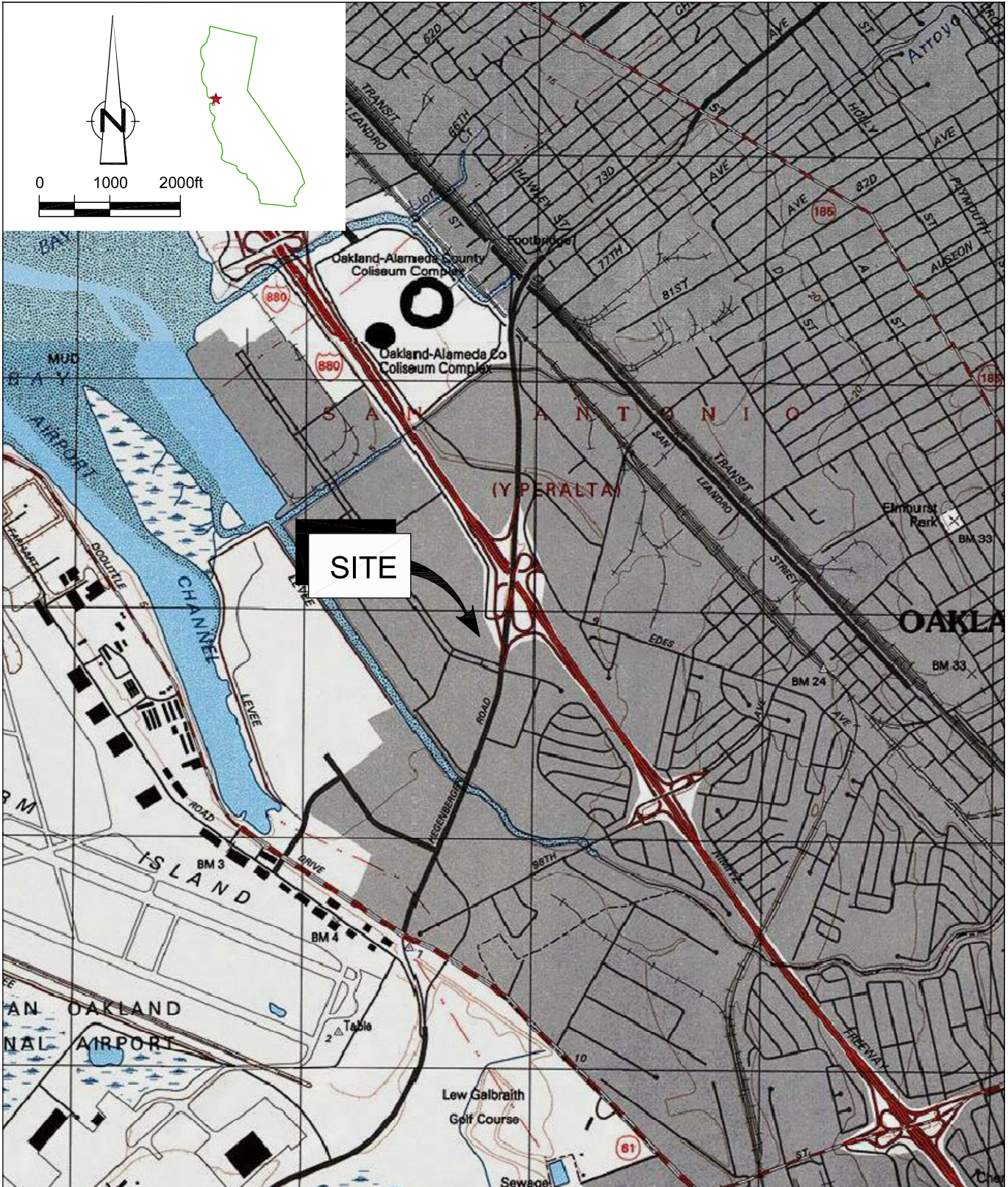
Attachment A ACPWA Correspondence

Attachment B Photos

Attachment C Morrow Surveying Letter

cc: Alexis Fischer, CEMC (electronic copy only)  
Mark Morrow, Morrow Surveying (electronic copy only)

## FIGURES



SOURCE: USGS QUADRANGLE MAP;  
 EAST OAKLAND, CALIFORNIA; DATE: 1997  
 SAN LEANDRO, CALIFORNIA; DATE: 1993

Figure 1  
 VICINITY MAP  
 CHEVRON SERVICE STATION 91851  
 451 HEGENBERGER ROAD  
 Oakland, California





**LEGEND**

- MONITORING WELL LOCATION
- ⊗ DESTROYED MONITORING WELL LOCATION
- \* MW-1 COULD NOT BE FOUND AS A RESULT OF STATION RENOVATIONS COMPLETED BY PROPERTY OWNER

- E — ELECTRICAL LINE
- S — SEWER LINE
- ▨ PREVIOUS USED OIL UST EXCAVATION

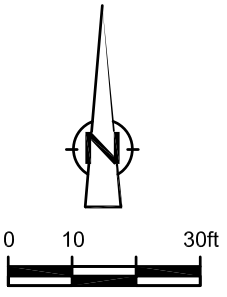
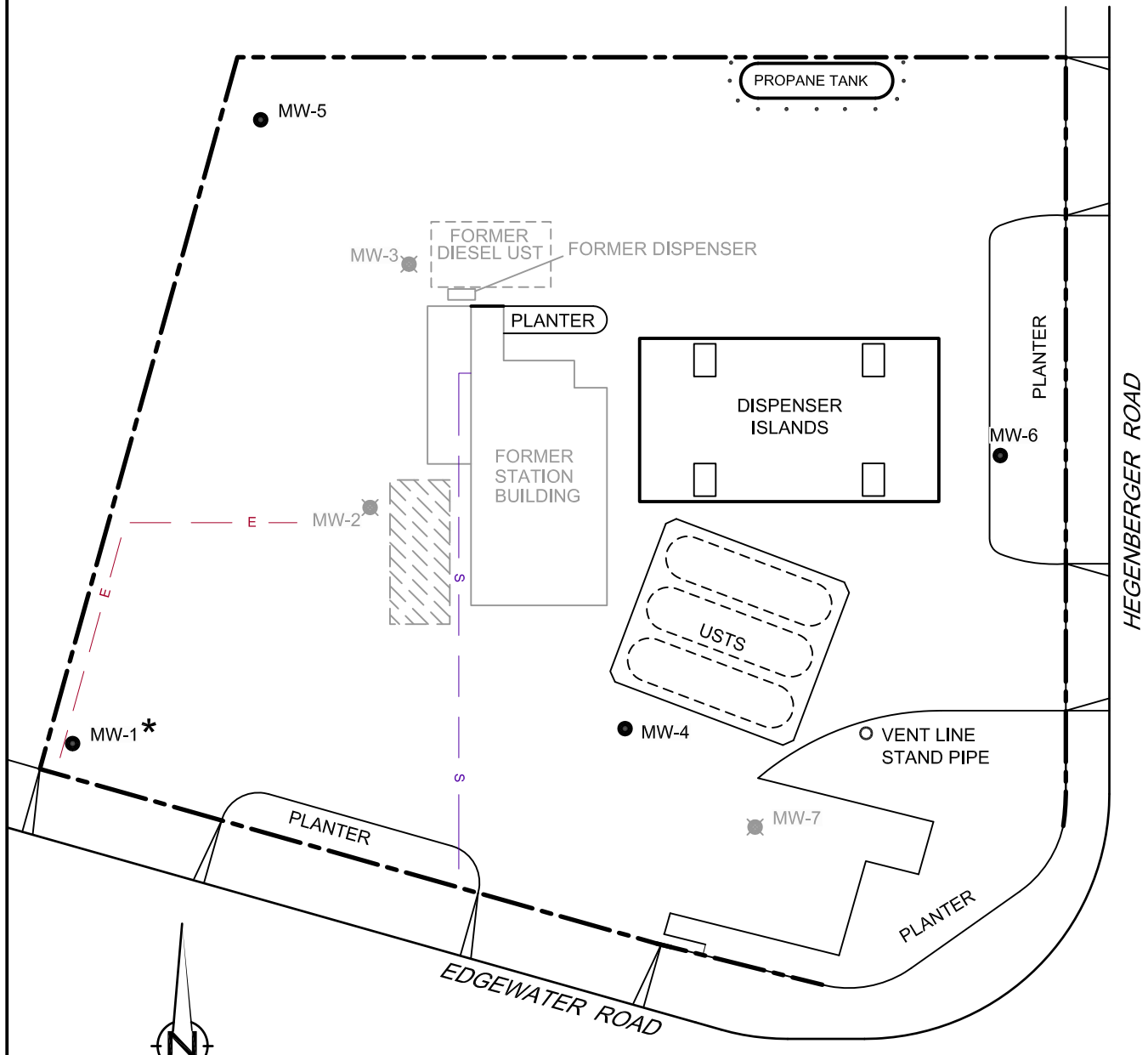


Figure 2  
 SITE PLAN  
 CHEVRON SERVICE STATION 91851  
 451 HEGENBERGER ROAD  
 Oakland, California



ATTACHMENT A

ACPWA CORRESPONDENCE

## Hernandez, Celina

---

**From:** Miller, Steve [stevem@acpwa.org]  
**Sent:** Tuesday, August 26, 2014 8:58 AM  
**To:** Hernandez, Celina  
**Cc:** Lee, Nathan; Yifru, Belew  
**Subject:** RE: Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Send me hard copies of signed letters from you and the land surveyor (and anyone else who may be involved) detailing what was done to locate the well and what you believe ultimately happened to it.

---

**From:** Hernandez, Celina [mailto:chernandez@croworld.com]  
**Sent:** Tuesday, August 26, 2014 8:42 AM  
**To:** Miller, Steve  
**Cc:** Lee, Nathan; Yifru, Belew  
**Subject:** RE: Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Hi Steve,  
We will be onsite the day before the well destructions and may be able to determine if there are obstructions by using a water level meter or small diameter casing to measure the bottom of the wells.  
How should we address MW-1 that was not found?

Thanks,  
Celina

---

**From:** Miller, Steve [mailto:stevem@acpwa.org]  
**Sent:** Tuesday, August 26, 2014 8:22 AM  
**To:** Hernandez, Celina  
**Cc:** Lee, Nathan; Yifru, Belew  
**Subject:** RE: Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Hi Celina,

MW-4 and MW-5 can be tremie grouted (as long as there are no obstructions in the casing) if pressure grouting is not possible.

Steve

---

**From:** Hernandez, Celina [mailto:chernandez@croworld.com]  
**Sent:** Monday, August 25, 2014 4:35 PM  
**To:** Miller, Steve  
**Cc:** Lee, Nathan; Yifru, Belew  
**Subject:** RE: Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Hi Steve,  
As stated in previously email, the gas station onsite is currently being remodeled by the property owner. MW-6 is in place (not located in the construction zone) and we plan to destroy by pressure grout on Aug. 28. Wells MW-1, MW-4

and MW-5 are located in the construction zone. MW-1 was not found when the site was marked for USA on August 7, 2014. CRA has visited the site twice since then on Aug. 18 and today. Today CRA had a land surveyor survey the location of well MW-1. Attempts were made today and Aug. 18 to locate missing well MW-4 by the construction crew onsite and the contractor stated that over the weekend during work in the area they did not find the well. Today, CRA staff found well MW-4 was not left-in-place as discussed on Aug. 18 with the contractor. The well box was broken off (see attached photo) during the construction activities. MW-5 well box was also damaged during the construction activities but PVC marker was left-in-place (see attached photos). I have discussed with the driller and he might not be able to pressure grout with the conditions of the well. He can make a thicker grout and use a tremie to grout the well. I wanted to discuss our destruction method options with you.

Please give me a call to discuss further.  
Thank-you,  
Celina

---

**From:** Miller, Steve [<mailto:stevem@acpwa.org>]  
**Sent:** Tuesday, August 19, 2014 10:49 AM  
**To:** Hernandez, Celina  
**Cc:** Yifru, Belew; Lee, Nathan  
**Subject:** RE: Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Hi Celina,

I have both days open right now, the sooner you can give me an inspection time for each day, the sooner I can lock you into your appointments.

Steve

---

**From:** Hernandez, Celina [<mailto:chernandez@croworld.com>]  
**Sent:** Tuesday, August 19, 2014 9:50 AM  
**To:** Miller, Steve  
**Cc:** Yifru, Belew; Lee, Nathan  
**Subject:** Permit Numbers: W2014-0753 to W2014-0756 - 451 Hegenberger Road inspections next week

Hello Steve,

I am emailing to coordinate the inspections associated the well destructions at 451 Hegenberger Road in Oakland (a Chevro-branded gas station). Currently the station is being remodeled by the property owner. We are trying to coordinate schedules with the contractor so that we will be out of their way. Would you be able August 27 or August 28 to complete the inspection? There are 4 wells, but one well cannot be found due to construction activities. The contactor will continue to try to find it this week. I will contact him later this week to try to coordinate our destructions. I will keep you updated.

Thanks and feel free to give me a call if you have any questions.

**Celina Hernandez, PG**  
**Conestoga-Rovers & Associates (CRA)**  
5900 Hollis Street  
Suite A  
Emeryville, CA 94608

Phone: (510) 420-3340  
Fax: (510) 420-9170  
Email: [chernandez@CRAworld.com](mailto:chernandez@CRAworld.com)

[www.CRAworld.com](http://www.CRAworld.com)

PLEASE THINK BEFORE YOU PRINT 

**Perform every task the safe way, the right way, every time!**



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ATTACHMENT B

PHOTOS

**CRA Photos**  
**Chevron Service Station 91851**  
**451 Hegenberger Road, Oakland, California**

Photo 1: Southwest corner of site near MW-1 on 8/7/14



Photo 2: New utility trench and new station building near MW-1 on 8/18/14 (view facing north). MW-1 is approximately south/ southeast of the pipe elbow.



**CRA Photos**  
**Chevron Service Station 91851**  
**451 Hegenberger Road, Oakland, California**

Photo 3: View facing northwest of MW-1 area on 8/18/14, new station building on right



Photo 4: Area shoveled on 8/25/14 to search for MW-1





ATTACHMENT C

MORROW SURVEYING LETTER



---

August 27, 2014

**Re: 451 Hegenberger Rd., Oakland, CA**

To whom it may concern,

On August 26<sup>th</sup>, 2014, Morrow Surveying, Inc. staked out the location of MW-1 at the above referenced site using the latitude and longitude that were obtained from the California Water Resources Control Board Geotracker website. We converted the latitude and longitude into California State Plane, Zone 3 coordinates and input the results into our Trimble R8 RTK GPS unit. Using the coordinates, we navigated to the location and placed a marker to indicate the position.

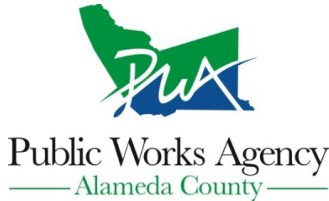
A handwritten signature in black ink, appearing to read "Mark Morrow", is written in a cursive style.

Mark Morrow, VP

ATTACHMENT C

ACPWA 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: 08/12/2014 By jamesy**

**Permit Numbers: W2014-0753 to W2014-0756**  
**Permits Valid from 08/28/2014 to 08/28/2014**

**Application Id:** 1407278267390  
**Site Location:** 451 Hegenberger Road  
**Project Start Date:** 08/28/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**City of Project Site:**Oakland  
**Completion Date:**08/28/2014

**Applicant:** Conestoga Rovers & Associates - Belew Yifru  
5900 Hollis Street, Suite A, Emeryville, CA 94608  
**Property Owner:** Chevron Environmental Management Company  
6101 Bollinger Canyon Road, San Ramon, CA 94583  
**Client:** \*\* same as Property Owner \*\*  
**Contact:** Belew Yifru

**Phone:** 510-420-3356  
**Phone:** 925-790-6441  
**Phone:** 510-420-3356  
**Cell:** 510-385-0307

**Total Due:** \$1588.00  
**Receipt Number: WR2014-0332 Total Amount Paid:**                     \$1588.00  
**Payer Name : Conestoga Rovers & Paid By: CHECK** **PAID IN FULL**  
**Associates, Inc.**

**Works Requesting Permits:**

Well Destruction-Monitoring - 4 Wells  
Driller: Vapor Tech Services - Lic #: 916085 - Method: press

**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 #
W2014-0753	08/12/2014	11/26/2014	MW-1	8.00 in.	2.00 in.	2.00 ft	15.50 ft	No Records	No Records	No Records
W2014-0754	08/12/2014	11/26/2014	MW-4	8.00 in.	2.00 in.	2.00 ft	16.50 ft	No Records	No Records	No Records
W2014-0755	08/12/2014	11/26/2014	MW-5	8.00 in.	2.00 in.	2.00 ft	10.00 ft	No Records	W00-629	No Records
W2014-0756	08/12/2014	11/26/2014	MW-6	8.00 in.	2.00 in.	2.00 ft	10.00 ft	No Records	W00-630	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.
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

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

mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

4. 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.

5. 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.

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. 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.

---

ATTACHMENT D

*CRA'S STANDARD FIELD PROCEDURES FOR MONITORING WELL DESTRUCTION*

## **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. 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 pound sack of Portland I/II 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. If pressure grouting cannot be completed, the well casing is filled to the ground surface with cement grout poured or pumped through a tremmie pipe.

### ***Well Drill Out***

When well drill out is required, the well location is cleared for subsurface utilities and a hollow-stem auger (or other appropriate) 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 tremmie pipe under pressure to the bottom of the boring. The well vault is removed and the area resurfaced or backfilled as required.

### ***Waste Handling and Disposal***

Soil generated is either stockpiled or stored in 55-gallon drums. Soil cuttings stockpiled onsite are covered by plastic sheeting. At least three individual soil samples are collected from the stockpiles and composited at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples in addition to any analytes required by the receiving disposal facility. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results. Soil or water stored in sealed 55-gallon drums are stored onsite. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Upon receipt of analytic results, the individual drums are picked up and transported to a licensed waste treatment/disposal facility where the drum contents are removed and appropriately disposed.