



**CONESTOGA-ROVERS  
& ASSOCIATES**

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

**TRANSMITTAL**

DATE: January 6, 2014 REFERENCE NO.: 240414

PROJECT NAME: 540 Hegenberger Road, Oakland

TO: Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RECEIVED**  
By Alameda County Environmental Health at 3:47 pm, Jan 08, 2014

Please find enclosed:  Draft  Final  
 Originals  Other  
 Prints

Sent via:  Mail  Same Day Courier  
 Overnight Courier  Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Well Destruction Report

As Requested  For Review and Comment  
 For Your Use

**COMMENTS:**

If you have any questions regarding the content of this document, please call the CRA project manager Peter Schaefer at (510) 420-3319 or the Shell program manager Perry Pineda at (425) 413-1164.

Copy to: Perry Pineda, Shell Oil Products US (electronic copy)  
Victoria Du (property owner), Horizon Energy Ltd., 540 Hegenberger Road, Oakland, CA  
94621-1320

Completed by: Peter Schaefer Signed: *Peter Schaefer*

Filing: Correspondence File



Mr. Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Shell Oil Products US**  
Soil and Groundwater Focus Delivery Group  
20945 S. Wilmington Avenue  
Carson, CA 90810  
Tel (425) 413 1164  
Fax (425) 413 0988  
Email [perry.pineda@shell.com](mailto:perry.pineda@shell.com)  
Internet <http://www.shell.com>

Re: 540 Hegenberger Road  
Oakland, California  
SAP Code 135694  
Incident No. 98995752  
ACEH Case No. RO0000223

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (425) 413-1164 with any questions or concerns.

Sincerely,  
Shell Oil Products US

A handwritten signature in black ink, appearing to read "Perry Pineda", is located below the typed name.

Perry Pineda  
Senior Environmental Program Manager



## WELL DESTRUCTION REPORT

**SHELL-BRANDED SERVICE STATION  
540 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA**

**SAP CODE            135694  
INCIDENT NO.      98995752  
AGENCY NO.        RO0000223**

**JANUARY 6, 2014  
REF. NO. 240414 (16)**

This report is printed on recycled paper.

**Prepared by:  
Conestoga-Rovers  
& Associates**

5900 Hollis Street, Suite A  
Emeryville, California  
U.S.A. 94608

Office: (510) 420-0700  
Fax: (510) 420-9170

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## 1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent well destructions at the referenced site.

The wells were properly destroyed to facilitate case closure as requested in Alameda County Environmental Health's October 3, 2013 letter.

## 2.0 WELL DESTRUCTIONS

### 2.1 FIELD DATES

November 25 and 26, 2013.

### 2.2 PERSONNEL PRESENT

Geologist Patrick O'Connell directed the well and probe destructions under the supervision of California Professional Geologist Peter Schaefer.

### 2.3 DESTRUCTION METHOD

Wells MW-1 through MW-5 were destroyed by pressure grouting. Sub-slab soil vapor probes SVP-1 and SVP-2 were drilled out with a hammer drill and grouted. Copies of the Alameda County Public Works Agency well destruction permit and City of Oakland excavation and obstruction permits are included in Appendix A.

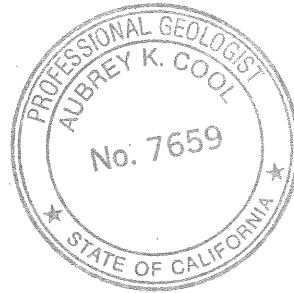
### 2.4 WASTE DISPOSAL

No waste was generated during the well and probe destructions.

All of Which is Respectfully Submitted,  
CONESTOGA-ROVERS & ASSOCIATES

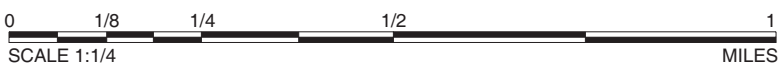
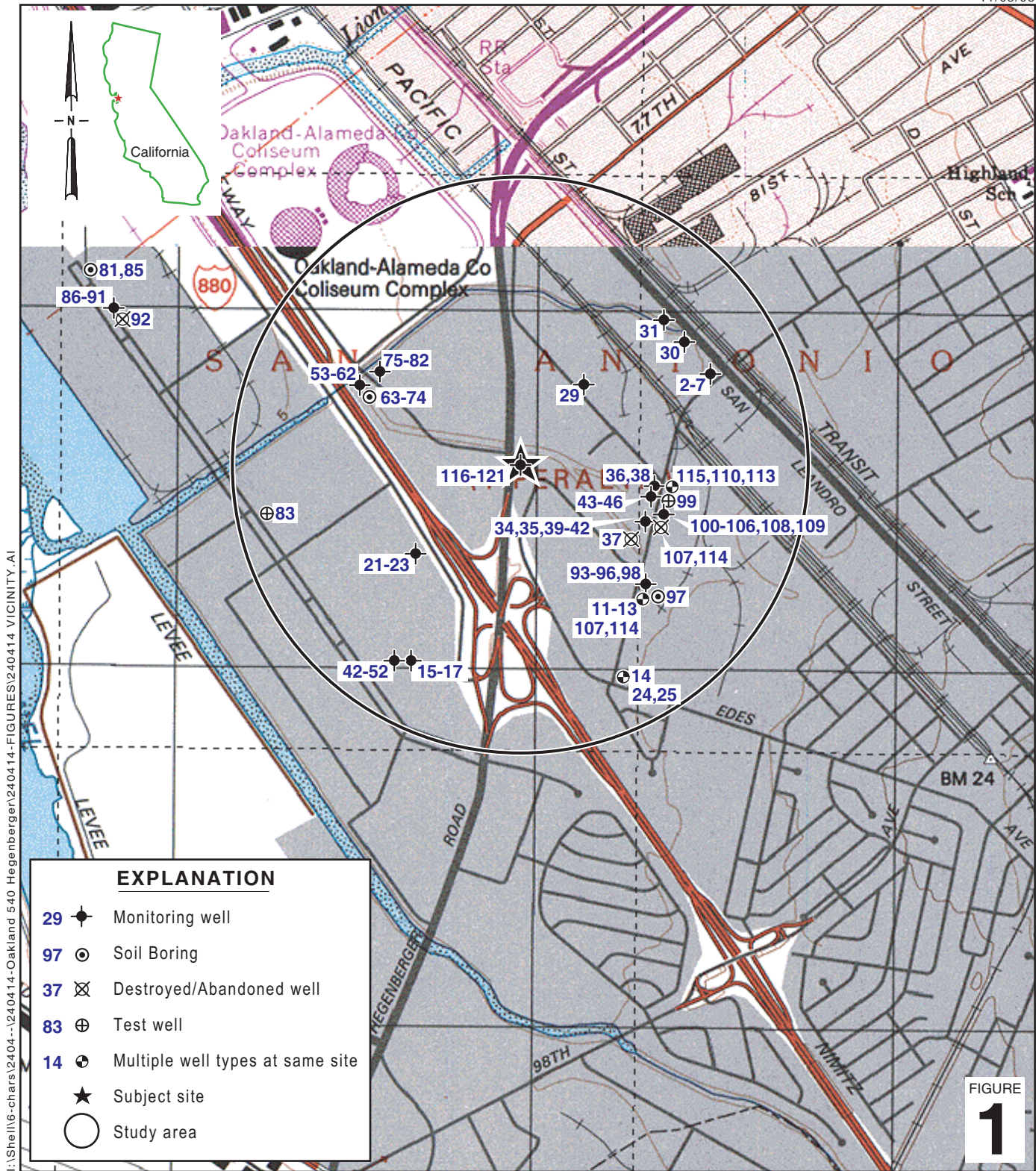
*Peter Schaefer*  
Peter Schaefer, CEG, CHG

*Aubrey K. Cool*  
Aubrey K. Cool, PG



FIGURES





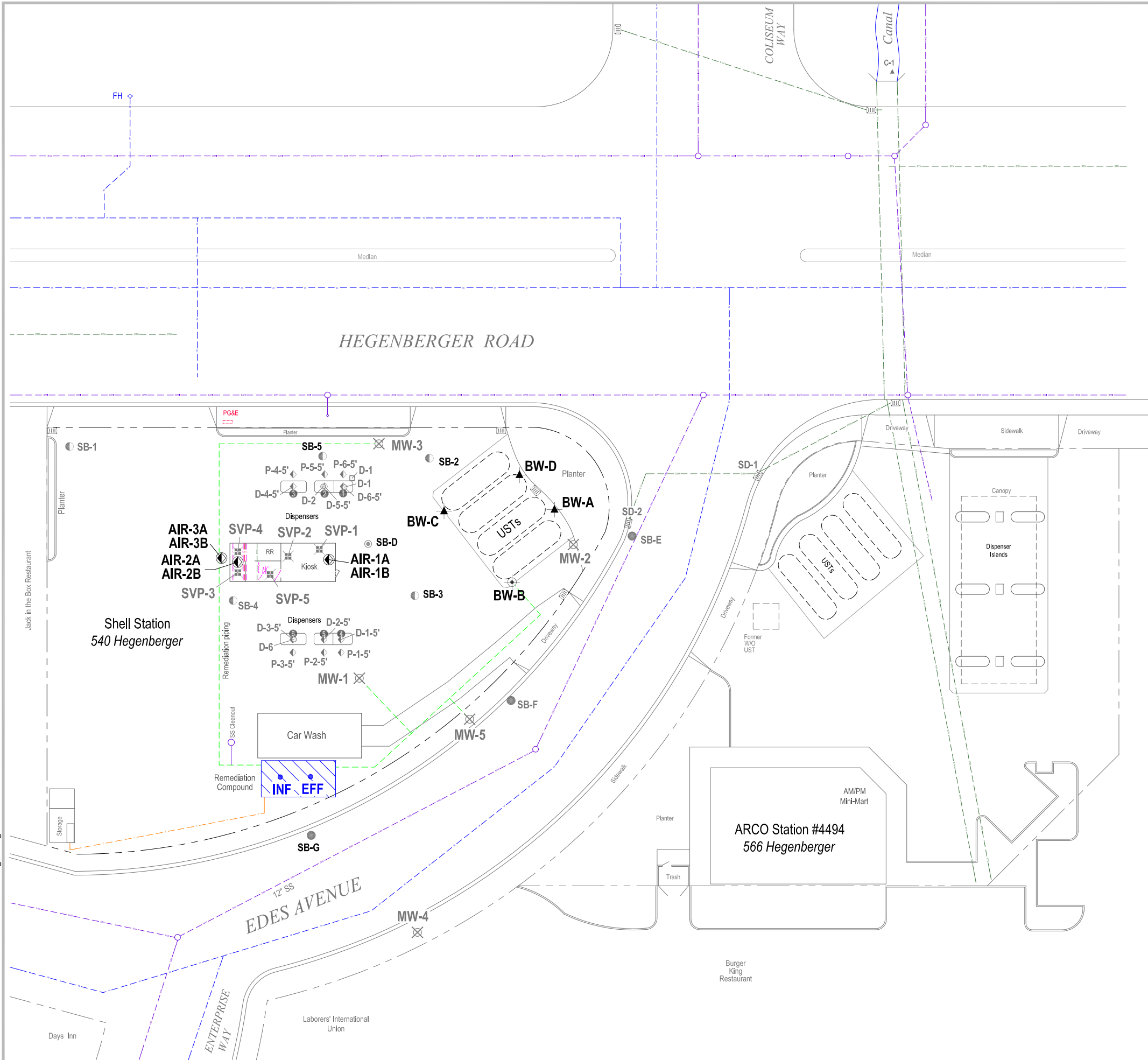
**Shell-branded Service Station**  
 540 Hegenberger Road  
 Oakland, California



**CONESTOGA-ROVERS & ASSOCIATES**

**Vicinity Map**

I:\Shell\6-chars\2404-1240414-Oakland 540 Hegenberger\240414-FIGURES\240414 SITE PLAN.DWG



EXPLANATION	
AIR-1A AIR-1B	◆ Ambient air sample location
SVP-1	⊠ Destroyed sub-slab soil vapor probe location
MW-1	⊠ Destroyed well location
BW-A	▲ Tank backfill well location
D-1-5'	◆ Soil sample location (2004)
C-1	▲ Canal sampling location (2001)
SB-E	● Soil boring location (2000)
SB-D	⊙ Soil boring location (1998)
SB-1	● Soil boring location (1998)
D-1	○ Soil sample location (1998)
D-1	□ Soil sample location (1996)
INF	● GWE system sample location
- - - - -	Electrical line (E)
- - - - -	Telecommunication line (T)
- - - - -	Storm drain line (STM)
- - - - -	Sanitary sewer line (SAN)
- - - - -	Water line (W)
- - - - -	Unknown utility line (?)
FH	◆ Fire hydrant

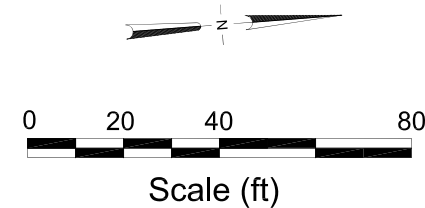


FIGURE  
**2**

Site Plan



**Shell-branded Service Station**  
 540 Hegenberger Road  
 Oakland, California

APPENDIX A

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: 11/01/2013 By jamesy**

**Permit Numbers: W2013-0894 to W2013-0898**  
**Permits Valid from 12/02/2013 to 12/04/2013**

**Application Id:** 1382991917150  
**Site Location:** 540 Hegenberger Road  
Oakland, California 94621  
**Project Start Date:** 12/02/2013  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**City of Project Site:**Oakland

**Completion Date:**12/04/2013

**Applicant:** Conestoga-Rovers & Associates, Inc. - Patrick O'Connell  
5900 Hollis Street, Suite A, Emeryville, CA 90810  
**Phone:** 510-420-3324

**Property Owner:** Victoria Du  
540 Hegenberger Road, Oakland, CA 94621  
**Phone:** 480-707-8685

**Client:** Shell Oil Products US  
20945 S Wilmington Avenue, Carson, CA 90810  
**Phone:** --

**Contact:** Patrick O'Connell  
**Phone:** 510-420-3324  
**Cell:** 510-681-6142

	<b>Total Due:</b>	\$1985.00
<b>Receipt Number: WR2013-0413</b>	<b>Total Amount Paid:</b>	\$1985.00
<b>Payer Name : PATRICK J OCONNELL</b>	<b>Paid By: VISA</b>	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 5 Wells

Driller: Cascade Drilling, L.P. - Lic #: 938110 - Method: press

**Work Total: \$1985.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2013-0894	11/01/2013	03/02/2014	MW-1	8.00 in.	2.00 in.	8.00 ft	25.00 ft	No Records	No Records	No Records
W2013-0895	11/01/2013	03/02/2014	MW-2	8.00 in.	2.00 in.	2.00 ft	20.00 ft	No Records	No Records	No Records
W2013-0896	11/01/2013	03/02/2014	MW-3	8.00 in.	2.00 in.	2.50 ft	20.00 ft	No Records	No Records	No Records
W2013-0897	11/01/2013	03/02/2014	MW-4	8.00 in.	2.00 in.	2.50 ft	19.50 ft	No Records	W00-541	No Records
W2013-0898	11/01/2013	03/02/2014	MW-5	10.00 in.	4.00 in.	3.00 ft	20.00 ft	No Records	W02-0573	No Records

**Specific Work Permit Conditions**

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

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

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

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.
  4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 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 Steve Miller for an inspection time at (510) 670-5517 or email to [stevem@acpwa.org](mailto:stevem@acpwa.org) 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 MW-4 and MW-5 by overdrilling the upper 5ft. bgs & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
  9. Remove the Christy box or similar structure. Destroy well MW-1, MW-2 and MW-3 by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
  10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Appl# X1303034 Job Site 540 HEGENBERGER RD Parcel# 042 -4323-001-07

Descr MON. WELL #MW-4 ABANDONMENT LOCATED ON THE TRAFFIC LANE EAST Permit Issued 11/20/13  
OF EDES AVE OFF ENTERPRISE WAY RELATED TO ENMI99143  
RELAT

Work Type EXCAVATION-PRIVATE P Non-Metered

USA # Util Co. Job # Acctg#  
Util Fund #:

Applicant Phone# Lic# --License Classes--

Owner HORIZON ENERGY LTD  
Contractor CASCADE DRILLING L P X (916) 638-1169 938110 C57  
Arch/Engr  
Agent PATRICK O'CONNELL (510) 681-6142  
Applic Addr 3632 OMEC CIR, RANCHO CORDOVA, CA, 95742-730

\$436.05 FEES TO BE PAID AT ISSUANCE	
\$71.00 Applic	\$309.00 Permit
\$ .00 Process	\$36.10 Rec Mgmt
\$ .00 Gen Plan	\$ .00 Invstg
\$ .00 Other	\$19.95 Tech Enh

Permit Issued By     *m*     Date:     11/20/13    

Inspection Routing:  
Inits Date

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

FLD-CHK/Pre-Con  
Excavation/Anchor Installation  
Sidewalk repair mark-out  
Concrete repair  
Finalled

**APPLICANT  
COPY**

ADDRESS:

DIST:

Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Permit No. X1303034 Parcel #: 042 -4323-001-07  
Project Address: 540 HEGENBERGER RD

Page 2 of 2

Licensed Contractors' Declaration

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

Construction Lending Agency Declaration

I hereby affirm under penalty of perjury that there is a construction-lending agency for the performance of the work for which this permit is issued, as provided by Section 3097 of the Business and Professions Code. N/A under Lender implies No Lending Agency.

Lender \_\_\_\_\_ Address \_\_\_\_\_

Workers' Compensation Declaration

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

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

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

CARRIER: \_\_\_\_\_ POLICY NO. \_\_\_\_\_

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

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS, IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3707 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

Hazardous Materials Declaration

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

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

PRINT NAME

Signature  Contractor, or  Agent

Date

ADDRESS:

DIST:

Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Appl# OB131093

Job Site 540 HEGENBERGER RD

Parcel# 042 -4323-001-07

TRAFFIC LANE CLOSURE EAST OF EDES ST OFF ENTERPRISE ST  
RELATED TO MW-4 ABANDONMENT PER TSD13-0189

Permit Issued 11/20/13

Nbr of days: 1  
Effective: 11/25/13

Linear feet: 50  
Expiration: 11/25/13

SHORT TERM NON-METERED

Applicant Phone# Lic# --License Classes--

Owner HORIZON ENERGY LTD

Contractor CASCADE DRILLING L P  
Arch/Engr

X (916)638-1169 938110 C57

Agent PATRICK O'CONNELL

(510)681-6142

Applic Addr 3632 OMEC CIR, RANCHO CORDOVA, CA, 95742-730

\$121.06 FEES TO BE PAID AT FILING

\$ .00 FEES TO BE PAID AT ISSUANCE

\$71.00 Applic \$34.50 Permit  
\$.00 Process \$10.02 Rec Mgmt  
\$.00 Gen Plan \$.00 Invstg  
\$.00 Other \$5.54 Tech Enh

APPLICANT  
COPY

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

ADDRESS:

Applicant: \_\_\_\_\_

11/20/13

Issued by: \_\_\_\_\_  
*ue*

DIST:

UNRECORDED COPY OF THIS PERMIT IS FILED IN THE PERMITTING DIVISION

CITY OF OAKLAND