



**CONESTOGA-ROVERS  
& ASSOCIATES**

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

## TRANSMITTAL

DATE: November 19, 2013

REFERENCE NO.: 240695

PROJECT NAME: 4895 Hacienda Drive, Dublin

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

RECEIVED

By Alameda County Environmental Health at 4:04 pm, Nov 25, 2013

Please find enclosed:  Draft  Final  
 Originals  Other  
 Prints

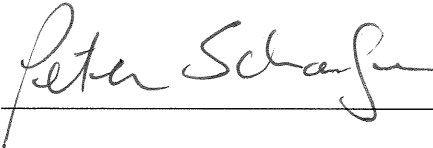
Sent via:  Mail  Same Day Courier  
 Overnight Courier  Other

QUANTITY	DESCRIPTION
1	Well Destruction Report

As Requested  For Review and Comment  
 For Your Use

**COMMENTS:**  
If you have any questions regarding the contents of this document, please call the CRA project manager Peter Schaefer at (510) 420-3319 or the Shell program manager Marvin Katz at (310) 550-5846.

Copy to: Marvin Katz, Shell Oil Products US (electronic copy)  
Carl Cox, CJC Hacienda LLC (property owner), 4431 Stoneridge Drive #100, Pleasanton, CA 94588-8417  
Colleen Winey, Zone 7 Water Agency (electronic copy)

Completed by: Peter Schaefer Signed: 

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 (310) 550 5846  
Fax (281) 582 4172  
Email [marvin.katz@shell.com](mailto:marvin.katz@shell.com)  
Internet <http://www.shell.com>

Re: 4895 Hacienda Drive  
Dublin, California  
SAP Code 165112  
Incident No. 97795893  
ACEH Case No. RO0002985

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 (310) 550-5846 with any questions or concerns.

Sincerely,  
Shell Oil Products US

A handwritten signature in cursive script that reads "Marvin Katz".

Marvin Katz  
Senior Program Manager



## WELL DESTRUCTION REPORT

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**SHELL-BRANDED SERVICE STATION  
4895 HACIENDA DRIVE  
DUBLIN, CALIFORNIA**

**SAP CODE            165112  
INCIDENT NO.      97795893  
AGENCY NO.        RO0002985**

**NOVEMBER 19, 2013  
REF. NO. 240695 (13)**

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 as required for case closure per Alameda County Environmental Health's August 27, 2013 letter.

## 2.0 WELL DESTRUCTION

### 2.1 FIELD DATE

September 20, 2013.

### 2.2 PERSONNEL PRESENT

CRA field staff member Robert Siegfried directed the well destructions under the supervision of California Professional Geologist Peter Schaefer.

### 2.3 DESTRUCTION METHOD

Six wells (MW-1 through MW-6) were destroyed by pressure grouting. A copy of the Zone 7 Water Agency well destruction permit is included in Appendix A.

### 2.4 WASTE DISPOSAL

Construction debris generated during the well destructions was stored on site in a 55-gallon drum. On October 17, 2013, the construction debris was transported to American Integrated Services, Inc.'s Keller Canyon Landfill in Pittsburg, California for disposal as non-hazardous waste. Disposal documentation is presented in Appendix B.

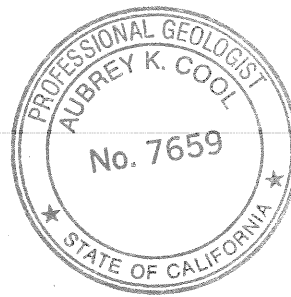
All of Which is Respectfully Submitted,  
CONESTOGA-ROVERS & ASSOCIATES



Peter Schaefer, CEG, CHG



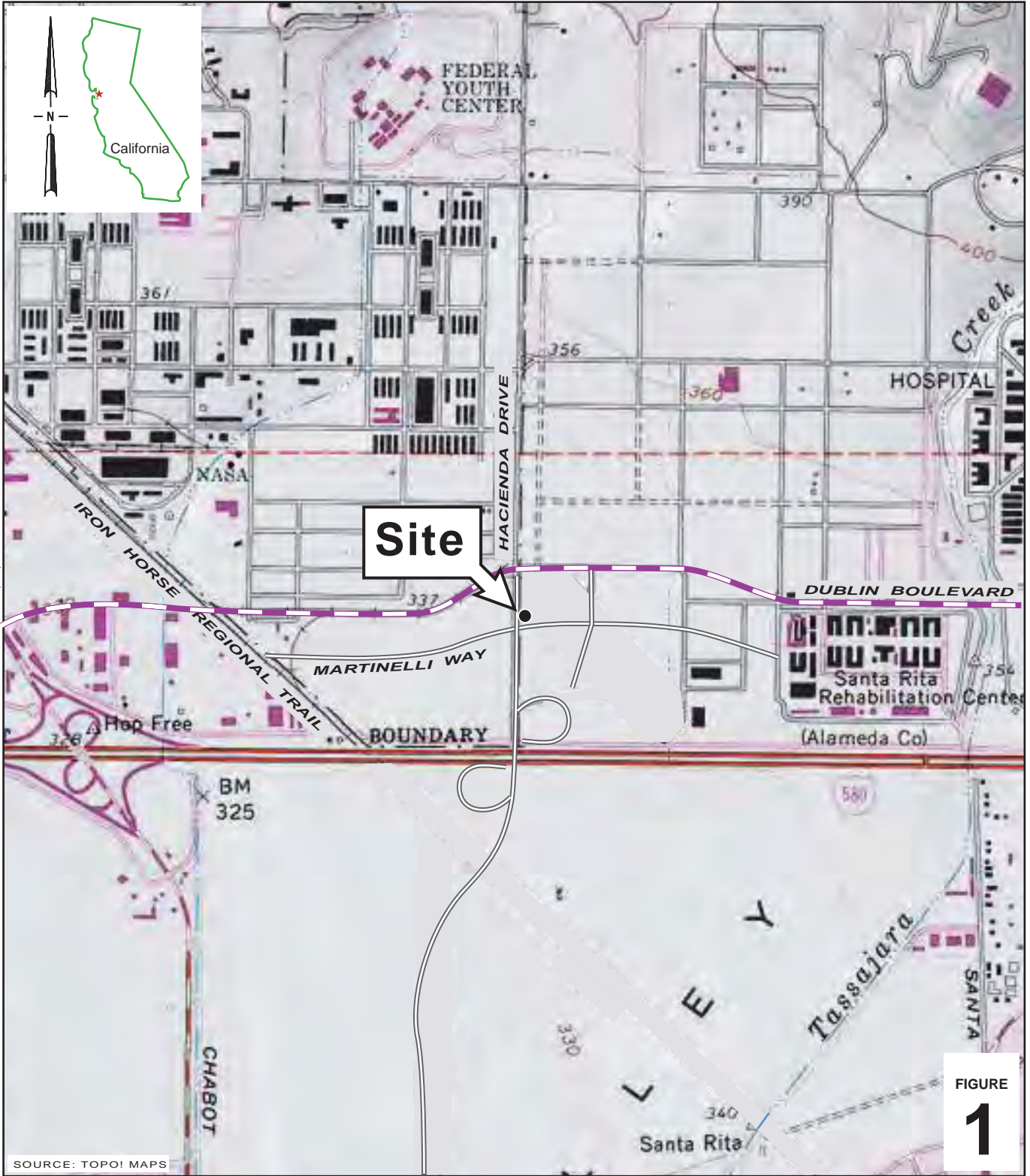
Aubrey K. Cool, PG



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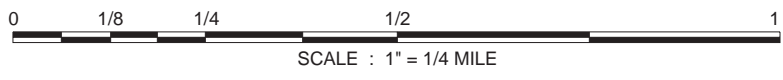
FIGURES





I:\Shell\6-charts\2406--\240695-Dublin\_4895\_Hacienda\240695-FIGURES\240695 VICINITY (F1).AI

FIGURE 1



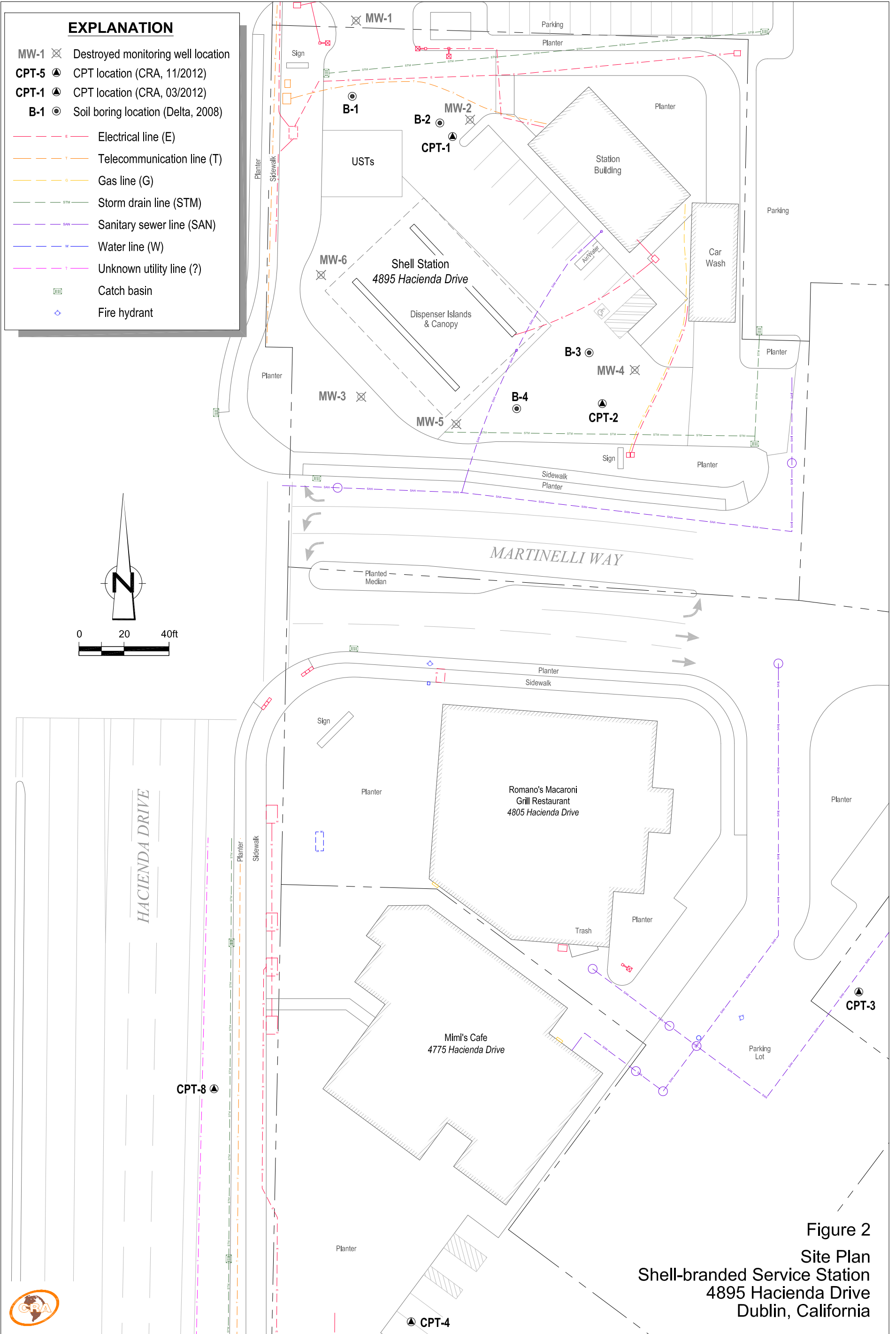
### Shell-branded Service Station

4895 Hacienda Drive  
Dublin, California



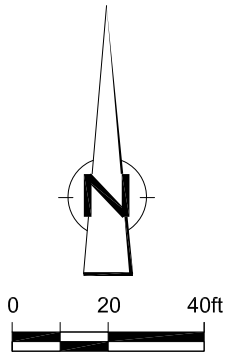
**CONESTOGA-ROVERS  
& ASSOCIATES**

### Vicinity Map



**EXPLANATION**

- MW-1 ☒ Destroyed monitoring well location
- CPT-5 ▲ CPT location (CRA, 11/2012)
- CPT-1 ▲ CPT location (CRA, 03/2012)
- B-1 ● Soil boring location (Delta, 2008)
- E — Electrical line (E)
- T — Telecommunication line (T)
- G — Gas line (G)
- STM — Storm drain line (STM)
- SAN — Sanitary sewer line (SAN)
- W — Water line (W)
- ? — Unknown utility line (?)
- ☐ Catch basin
- ⊕ Fire hydrant



**Figure 2**  
**Site Plan**  
**Shell-branded Service Station**  
**4895 Hacienda Drive**  
**Dublin, California**



APPENDIX A

PERMIT



# ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306  
E-MAIL [whong@zone7water.com](mailto:whong@zone7water.com)

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Shell-branded Service Station  
46015 Hollister Drive, Dublin, CA

PERMIT NUMBER 2013117  
WELL NUMBER 38/1E-5H7 to 5H12 (MW-1 to MW-6)  
APN 986-008-013-00

Coordinates Source \_\_\_\_\_ ft. Accuracy V \_\_\_\_\_ ft.  
LAT: \_\_\_\_\_ ft. LONG: \_\_\_\_\_ ft.  
APN 986-0-8-13

### PERMIT CONDITIONS (Circled Permit Requirements Apply)

CLIENT  
Name Shell Oil Products US  
Address 20945 S. Wilma Way Phone \_\_\_\_\_  
City Carson CA Zip 90810

- A. GENERAL
  1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
  2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.
  3. Permit is void if project not begun within 90 days of approval date.
  4. Notify Zone 7 at least 24 hours before the start of work.

APPLICANT  
Name Omestga-River & MS  
Email \_\_\_\_\_ Fax 510-420-9170  
Address 5700 Hollis St, Suite A Phone \_\_\_\_\_  
City Emeryville, CA Zip 94608

- B. WATER SUPPLY WELLS
  1. Minimum surface seal diameter is four inches greater than the well casing diameter.
  2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
  3. Grout placed by tremie.
  4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
  5. A sample port is required on the discharge pipe near the wellhead.

TYPE OF PROJECT:  
Well Construction \_\_\_\_\_ Geotechnical Investigation \_\_\_\_\_  
Well Destruction  Contamination Investigation \_\_\_\_\_  
Cathodic Protection \_\_\_\_\_ Other \_\_\_\_\_

PROPOSED WELL USE:  
Domestic \_\_\_\_\_ Irrigation \_\_\_\_\_  
Municipal \_\_\_\_\_ Remediation \_\_\_\_\_  
Industrial \_\_\_\_\_ Groundwater Monitoring \_\_\_\_\_  
Dewatering \_\_\_\_\_ Other \_\_\_\_\_

DRILLING METHOD:  
Mud Rotary \_\_\_\_\_ Air Rotary \_\_\_\_\_ Hollow Stem Auger \_\_\_\_\_  
Cable Tool \_\_\_\_\_ Direct Push \_\_\_\_\_ Other pressure grout

DRILLING COMPANY Greg Drilling  
9800 Howe Street, Martinez, CA 94553  
DRILLER'S LICENSE NO. CS-4815106

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
  1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
  2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
  3. Grout placed by tremie.

WELL SPECIFICATIONS:  
Drill Hole Diameter 4 in. Maximum \_\_\_\_\_  
Casing Diameter \_\_\_\_\_ in. Depth 30 ft.  
Surface Seal Depth \_\_\_\_\_ ft. Number 1

- D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.
- E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

SOIL BORINGS:  
Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_  
Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

ESTIMATED STARTING DATE September 20th, 2013  
ESTIMATED COMPLETION DATE September 23rd, 2013

- F. WELL DESTRUCTION. See attached.
- G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [Signature] Date 9/16/13

Approved [Signature] Date 9/16/13  
Wyman Hong

ATTACH SITE PLAN OR SKETCH

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APPENDIX B

DISPOSAL DOCUMENTATION

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number  
**NOT REQUIRED**

2. Page 1 of 1

3. Emergency Response Phone  
**800-424-8300**

4. Waste Tracking Number  
**0700933**

5. Generator's Name and Mailing Address  
**Shell Oil Products US care of CRA Attn: Derek Eisman  
5520 Corporate Drive, Indianapolis, IN 46276**

Generator's Site Address (if different than mailing address)  
**4895 Hankensie  
Dublin, CA 94568**

Generator's Phone:

6. Transporter 1 Company Name  
**American Integrated Services, Inc.**

U.S. EPA ID Number  
**CA000148336**

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address  
**Redwood Canyon Landfill  
901 Bailey Road  
Pittsburg, CA 94565 925-458-9800**

U.S. EPA ID Number  
**Not Required**

Facility's Phone:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. <b>Non-Hazardous Waste Solid, (Construction Debris)</b>	<b>40</b>	<b>504</b>		<b>P</b>	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

**Wear protective equipment while handling. Weights or volumes are approximate.**

**Project #: 73008-2-72**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offero's Printed/Typed Name  
**MS at Shell Oil Co of US - K Dupler**

Signature  
*[Signature]*

Month Day Year  
**11 17 13**

15. International Shipments  Import to U.S.  Export from U.S.

Port of entry/exit: \_\_\_\_\_

Transporter Signature (for exports only): \_\_\_\_\_

Date leaving U.S.: \_\_\_\_\_

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name  
**MARC MONTGOMERY**

Signature  
*[Signature]*

Month Day Year  
**11 17 13**

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space  Quantity  Type  Residue  Partial Rejection  Full Rejection

Manifest Reference Number: \_\_\_\_\_

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone: \_\_\_\_\_

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY