



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
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TRANSMITTAL

DATE: November 18, 2008 REFERENCE NO.: 240937
PROJECT NAME: 3600 Park Boulevard, Oakland
TO: Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED

1:07 pm, Nov 24, 2008

Alameda County
Environmental Health

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:

Copy to: Denis Brown
Completed by: Peter Schaefer Signed: *Peter Schaefer*
[Please Print]

Filing: Correspondence File



Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Denis L. Brown
Shell Oil Products US
HSE - Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Re: Shell-branded Service Station
3600 Park Boulevard
Oakland, California
SAP Code 135689
Incident No. 97610341
ACHCSA Case No. RO0002855

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.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Project Manager



WELL DESTRUCTION REPORT

**SHELL-BRANDED SERVICE STATION
3600 PARK BOULEVARD
OAKLAND, CALIFORNIA**

**SAP CODE 135689
INCIDENT NO. 98995747
AGENCY NO. RO0002855**

NOVEMBER 18, 2008

REF. NO. 240937 (3)

This report is printed on recycled paper.

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

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

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TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	1
2.0 WELL DESTRUCTIONS.....	2
2.1 FIELD DATE.....	2
2.2 FIELD STAFF.....	2
2.3 DESTRUCTION METHOD	2
2.4 WASTE DISPOSAL.....	2
2.5 DEPARTMENT OF WATER RESOURCES (DWR) RECORDS.....	2

LIST OF FIGURES
(Following Text)

FIGURE 1 VICINITY MAP

FIGURE 2 SITE PLAN

APPENDIX

APPENDIX A WELL DESTRUCTION PERMIT

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 well destructions are required for final case closure per Alameda County Health Care Services Agency's (ACHCSA's) September 18, 2008 letter. CRA followed the scope of work and procedures presented in our October 8, 2008 *Well Destruction Work Plan*, which was approved per ACHCSA's October 29, 2008 letter.

The site is an operating Shell-branded service station located on the eastern corner of Park Boulevard and Chatham Road intersection in Oakland, California (Figure 1). The area surrounding the site is both commercial and residential. Interstate 580 is located across Chatham Road opposite the site's southwestern boundary. The service station layout includes a station kiosk, four dispensers, and a gasoline underground storage tank (UST) complex (Figure 2).

2.0 WELL DESTRUCTIONS

2.1 FIELD DATE

November 5, 2008.

2.2 FIELD STAFF

CRA staff scientist Lauren Goldfinch.

2.3 DESTRUCTION METHOD

After removing the well boxes, wells MW-2, MW-4, MW-7, and MW-8 were destroyed by pressure grouting. Due to the wells proximity to underground utilities and product piping, a variance was obtained from the Alameda County Public Works Agency (ACPWA) allowing pressure grouting without drilling out the upper 5 feet of each well. A copy of the ACPWA well destruction permit is included in Appendix A.

2.4 WASTE DISPOSAL

Rinse water generated during field activities was stored on site in 55-gallon drums, sampled, and profiled for disposal. Waste disposal confirmation documentation is pending and will be provided by CRA upon request.

2.5 DEPARTMENT OF WATER RESOURCES (DWR) RECORDS

CRA will complete a DWR Well Completion Report form for each of the destroyed wells and will submit them to ACPWA and DWR under separate cover.

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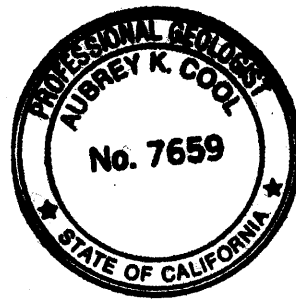
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



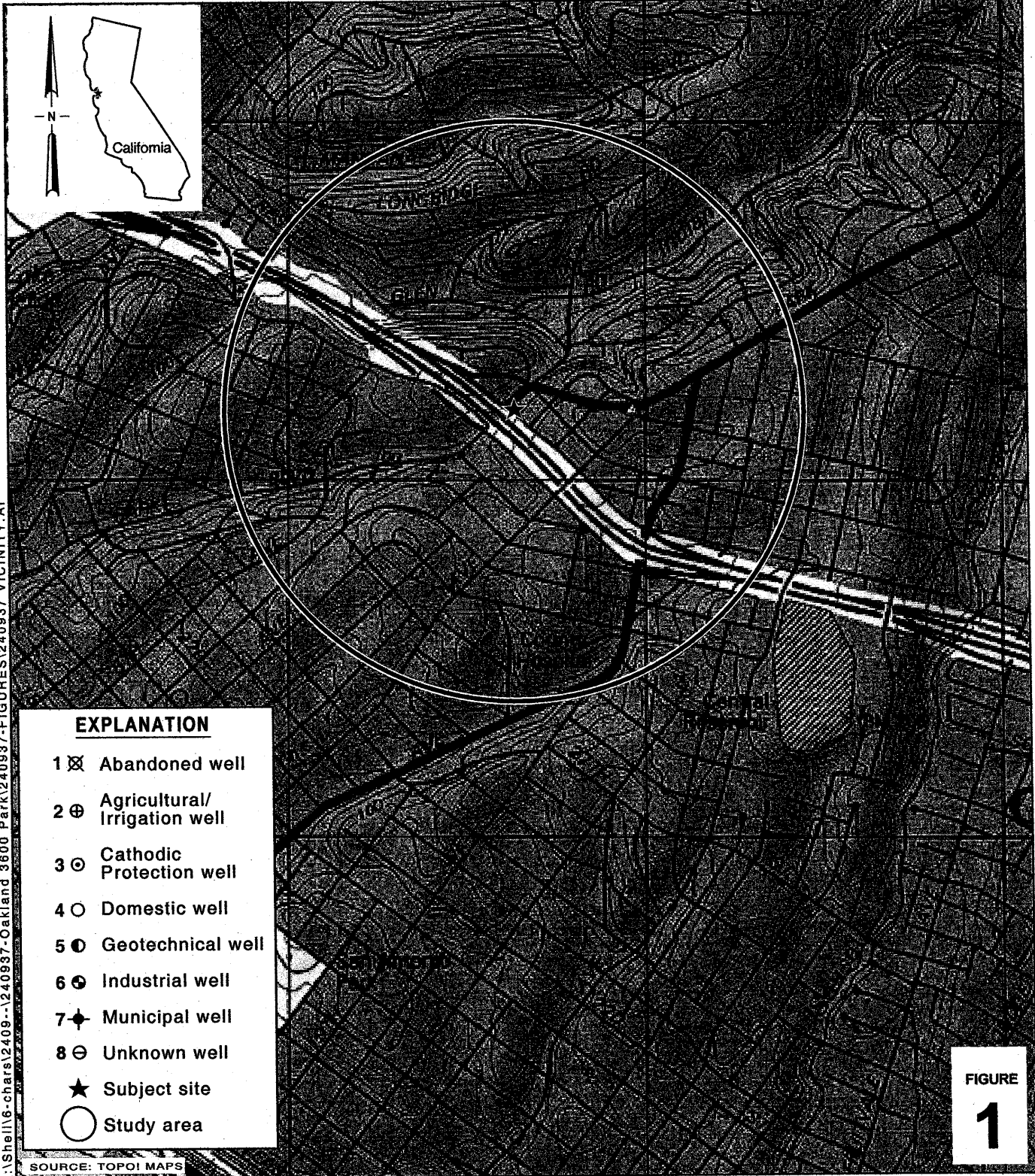
Peter Schaefer, CEG, CHG
Project Manager



Aubrey K. Cool, PG
Professional Geologist



FIGURES



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Shell-branded Service Station
 3600 Park Boulevard
 Oakland, California



**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map

EXPLANATION	
MW-2	⊗ Destroyed monitoring well location
SB-1	⊙ Soil boring location (1/3-6/06)
D-1-5'	▲ Dispenser soil sample location (8/20/04)
D-1	• Dispenser soil sample location (02/20/98)
---	Electrical line (E)
---	Water line (W)

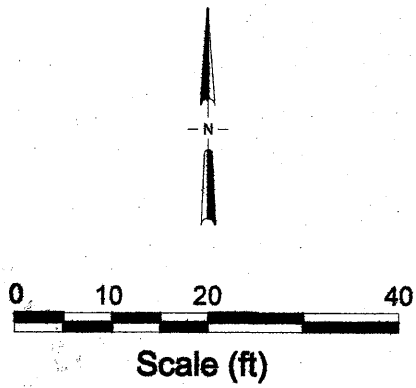
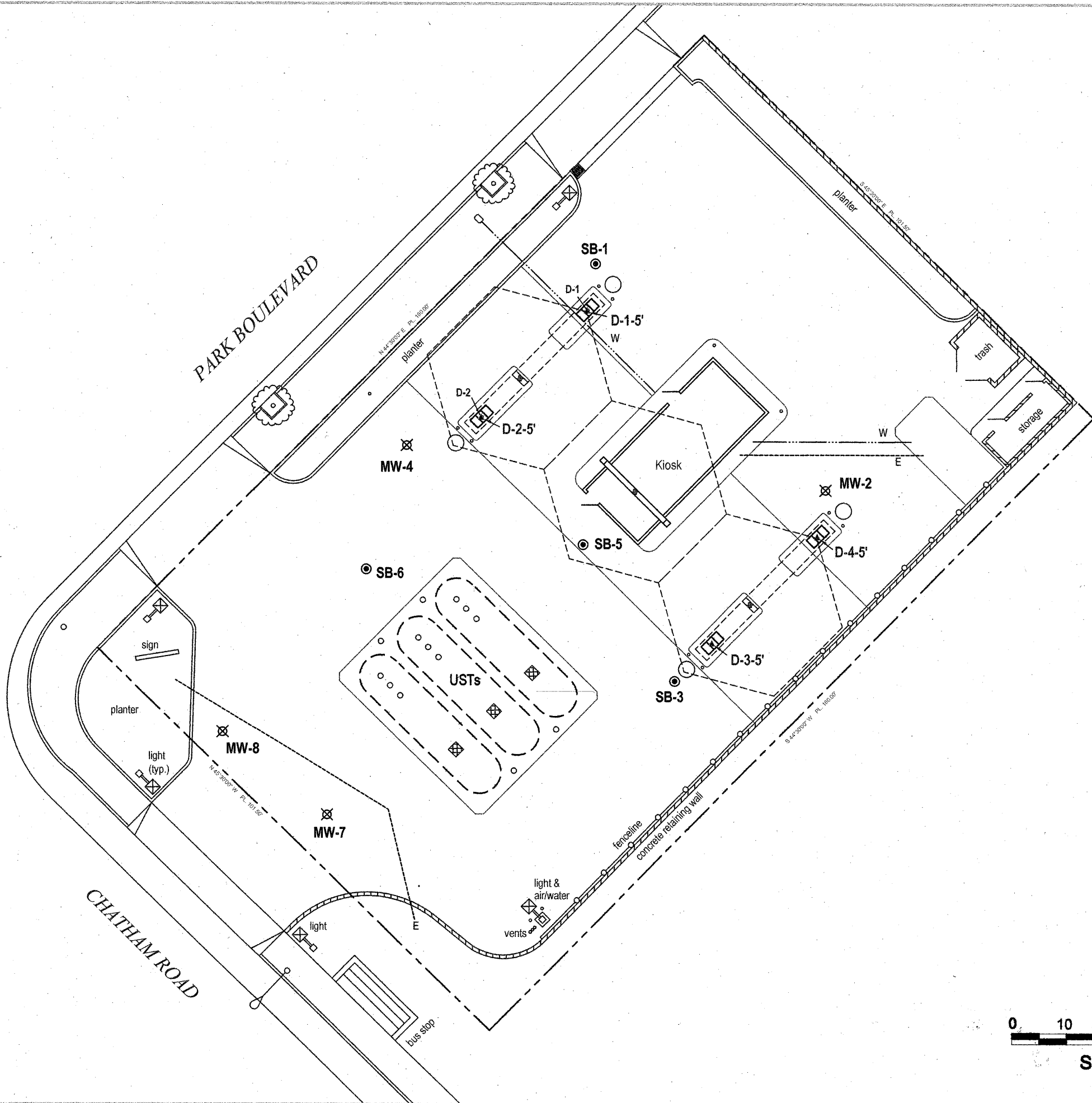


FIGURE 2

I:\Shell\IG-chars\2408-1240937-Oakland_3600_Park\240937-FIGURES\240937 SITE PLAN.DWG

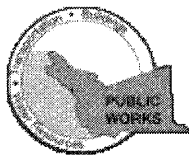
Shell-branded Service Station
 3600 Park Boulevard
 Oakland, California



APPENDIX A

WELL DESTRUCTION 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: 10/10/2008 By jamesy

Permit Numbers: W2008-0759 to W2008-0762
Permits Valid from 11/05/2008 to 11/06/2008

Application Id: 1222900964620
Site Location: 3600 Park Blvd.
Project Start Date: 11/05/2008
Requested Inspection: 11/06/2008
Scheduled Inspection: 11/06/2008 at 3:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

City of Project Site:Oakland
Completion Date:11/06/2008

Applicant: Conestoga-Rovers & Associates - Lauren Goldfinch
5900 Hollis St., Suite A, Emeryville, CA 94608
Phone: 510-420-3339

Property Owner: Shell Oil Products US Shell Oil Products US
20945 S. Wilmington Ave., Carson, CA 90810
Phone: --

Client: ** same as Property Owner **

Total Due: \$1380.00
Total Amount Paid: \$1380.00
Payer Name : Conestoga-Rovers & Associates & Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: other

Work Total: \$1380.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2008-0759	10/10/2008	02/03/2009	MW-2	10.00 in.	4.00 in.	18.00 ft	30.00 ft			
W2008-0760	10/10/2008	02/03/2009	MW-4	10.00 in.	4.00 in.	18.00 ft	30.00 ft			
W2008-0761	10/10/2008	02/03/2009	MW-7	10.00 in.	4.00 in.	26.00 ft	38.00 ft			
W2008-0762	10/10/2008	02/03/2009	MW-8	10.00 in.	4.00 in.	38.00 ft	50.00 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 60 days. Including permit number and site map.

4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
 5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@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.
 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 overdrilling & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
 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.
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