



**CONESTOGA-ROVERS
& ASSOCIATES**

RECEIVED

7:38 am, May 30, 2007

Alameda County
Environmental Health

19449 Riverside Drive, Suite 230, Sonoma, California 95476
Telephone: 707-935-4850 Facsimile: 707-935-6649
www.CRAworld.com

May 29, 2007

Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Well Destruction Report**
Shell Service Station
350 Grand Avenue
Oakland, California
SAP Code 135698
Incident No. 98995755
ACHCSA # RO0000428

Dear Mr. Wickham:

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document well destruction activities at the above referenced site. The well destructions were performed per Alameda County Health Care Services Agency's (ACHCSA's) December 14, 2006 letter, which concurred that no further action was required at this site related to the underground storage tank fuel release, and requested that the monitoring wells at the site be destroyed so that a remedial action completion certificate could be issued.

WELL DESTRUCTION ACTIVITIES

Field Date(s): April 12, 2007.

Cambria Staff: Scott Lewis, Staff Geologist.

Destruction Method: All five wells (S-1 through S-5 on Figure 1) were destroyed by pressure grouting. Well destruction standard operating procedures (SOPs) are included in Attachment A. Well destruction permits are included in Attachment B.

Waste Disposal: Because the wells were destroyed by pressure grouting, no soil cuttings were generated during the field activities.

DWR Well Completion Logs: Department of Water Resources (DWR) Well Completion Logs were completed and forwarded to Gregg Drilling, Incorporated (Gregg) for their signature. Signed copies of the DWR Well Completion Reports will be sent to ACHCSA by Gregg under separate cover.

Equal
Employment
Opportunity Employer



Mr. Jerry Wickham
May 29, 2007

**CONESTOGA-ROVERS
& ASSOCIATES**

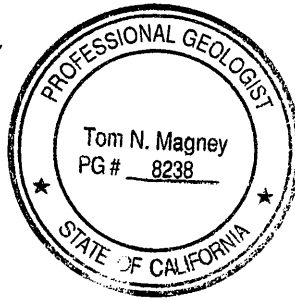
If you have any questions regarding the contents of this document, please call Dennis Baertschi at (707) 268-3813.

Sincerely,
Conestoga-Rovers & Associates

for M. Magney
Dennis Baertschi
Project Geologist

Ana Friel

Ana Friel, PG
Associate Geologist



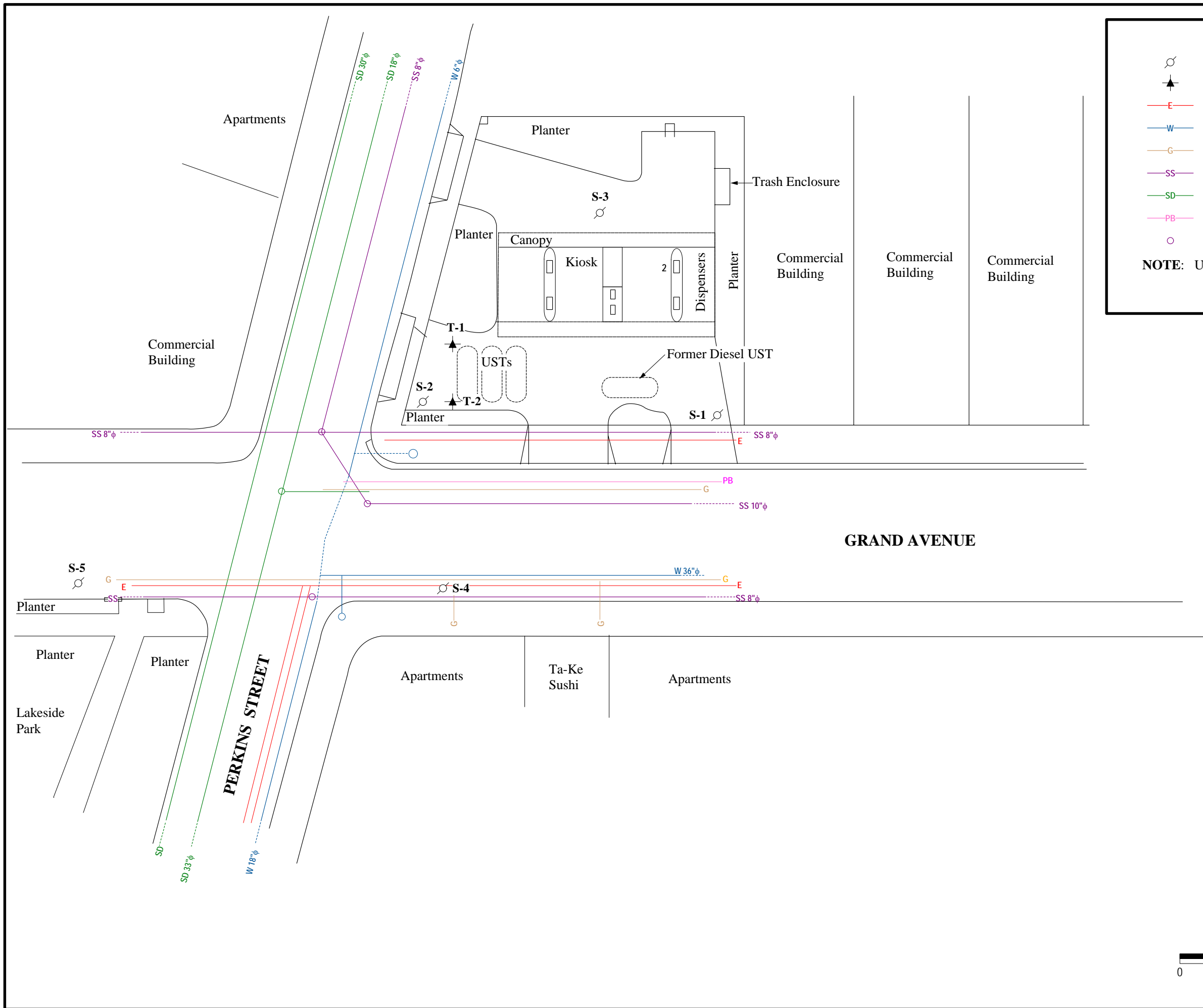
Figures: 1 - Site Map

Attachments: A - SOPs
B - Permits

cc: Denis Brown, Shell
Major Brand Gas, Inc., c/o Gursharnjeet Cheema, 2712 Cowell Road, Concord, CA 94518

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EXPLANATION

- Destroyed monitoring well
- Tank backfill well location
- Electric utility line
- Water main utility line
- Gas utility line
- Sanitary sewer utility line
- Storm drain utility line
- Pacific Bell utility line
- Manhole

NOTE: Utilities lines are dashed where inferred.

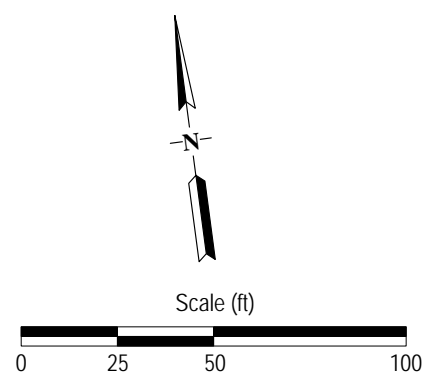


FIGURE 1

Shell Service Station
350 Grand Avenue
Oakland, California

Attachment A
Standard Operating Procedures

STANDARD FIELD PROCEDURES FOR DESTROYING MONITORING WELLS

This document presents standard field methods for destroying groundwater monitoring wells. The objective of these procedures 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 lb. sack of Portland I/II Cement. Once the well casing is full of grout, it remains pressurized by applying pressure 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.

Well Drill Out

When well drill out is required, a hollow-stem auger drilling rig is used to drill out the well casing and pack materials. First, drill rods are dropped down the well and used to guide the augers as they drill out the well. Once the well is drilled out, the boring is filled with Portland cement injected through the augers or a tremie pipe under pressure to the bottom of the boring. The well vault is removed and the area resurfaced or backfilled as required.

Attachment B

Permits

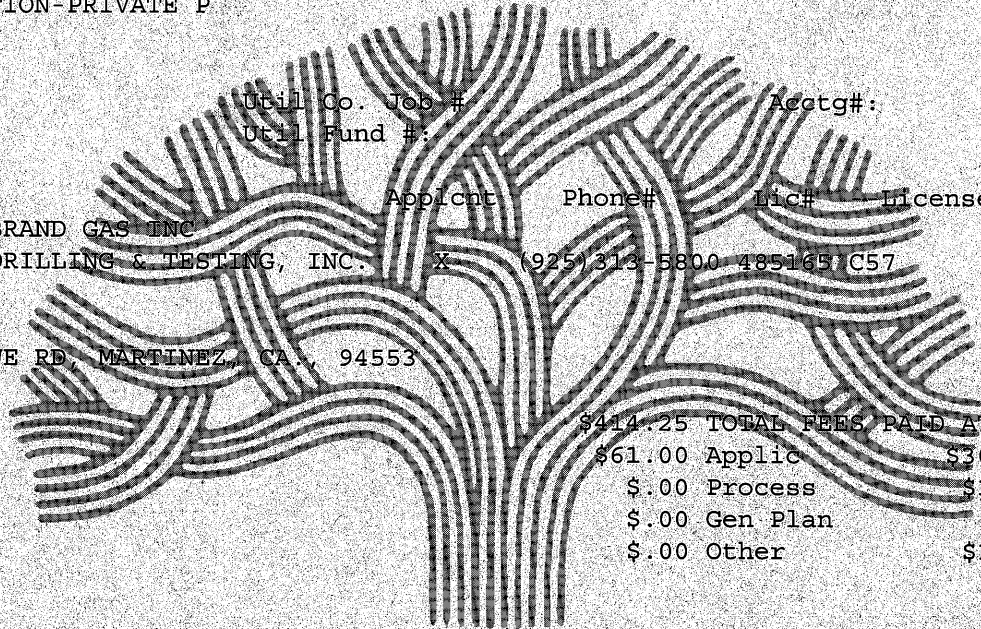
Job Site 350 GRAND AV Parcel# 010 -0776-013-00 Appl# X0700301

Descr destroy two monitoring wells by pressure grouting. Permit Issued 03/27/07

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:
Applicant Phone# Lic# License Classes--

Owner MAJOR BRAND GAS INC
Contractor GREGG DRILLING & TESTING, INC. X (925) 313-5800 485165 C57
Arch/Engr
Agent
Applic Addr 950 HOWE RD, MARTINEZ, CA., 94553



\$414.25 TOTAL FEES PAID AT ISSUANCE
\$61.00 Applic \$300.00 Permit
\$.00 Process \$34.30 Rec Mgmt
\$.00 Gen Plan \$.00 Invstg
\$.00 Other \$18.95 Tech Enh

CITY OF OAKLAND

JOB SITE

DIST. ADDRESS:

Date: 03/27/07 Amt Paid: \$1,036.20
By: DLR Register R02 Receipt# 101394



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL
ENGINEERING

PAGE 2 of 2

Permit valid for 90 days from date of issuance.

PERMIT NUMBER X 0 7 0 0 3 0 1		SITE ADDRESS/LOCATION 350 Grand Avenue, Oakland * Walls located on the south side of Grand Ave, East end * West of Perkins Street.
APPROX. START DATE 4/12/07	APPROX. END DATE 4/13/07	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) 707-935-4850
CONTRACTOR'S LICENSE # AND CLASS 485165 C57		CITY BUSINESS TAX # 585033

ATTENTION:

- 1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # **065678**
- 2- 48 hours prior to starting work, you **MUST CALL** (510) 238-3651 to schedule an inspection.
- 3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

- I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).
- I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).
- I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).
- I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

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 Worker's Compensation Laws of California: (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X *[Signature]* _____ **3/27/07**
 Signature of Permittee Agent for Contractor Owner Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 31) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY CB		DATE ISSUED 3-17-07	

Job Site 350 GRAND AV Parcel# 010 -0776-013-00 Appl# OB070214

Reserve meters G319, G321, G353 & G355 for monitoring wells destruction. Permit Issued 03/27/07

Nbr of days: 1
Effective: 04/12/07

GRAND & PERKINS

Nbr of meters: 4
Expiration: 04/13/07

SHORT TERM METERED

Applicant Phone# Lic# License Classes--

Owner MAJOR BRAND GAS INC

Contractor GREGG DRILLING & TESTING, INC. X

(925) 313-5800 485165 C57

Arch/Engr

Agent

Applic Addr 950 HOWE RD, MARTINEZ, CA. 94553

\$207.70 TOTAL FEES PAID AT ISSUANCE
\$61.00 Applic \$120.00 Permit
\$.00 Process \$17.20 Rec Mgmt
\$.00 Gen Plan \$.00 Invstg
\$.00 Other \$9.50 Tech Enh

CITY OF OAKLAND JOB SITE

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

Applicant: *M. Thurling* 3/27/07

Issued by: _____

Date: 03/27/07 Amt Paid: \$1,036.20
By: DLR Register R02 Receipt# 101394

ADDRESS:
DIST:

Job Site 350 GRAND AV Parcel# 010 -0776-013-00 Appl# OB070215

Reserve non-metered parking along Grand Ave @ Perkins St Permit Issued 03/27/07

GRAND AVE @ PERKINS

Nbr of days: 1
Effective: 04/12/07

Linear feet: 500
Expiration: 04/13/07

SHORT TERM NON-METERED

Applicant Phone# Lic# License Classes--

Owner MAJOR BRAND GAS INC

Contractor GREGG DRILLING & TESTING, INC. X (925) 313-5800 485165 C57

Arch/Engr

Agent

Applic Addr 950 HOWE RD, MARTINEZ, CA., 94553

\$414.25 TOTAL FEES PAID AT ISSUANCE
\$61.00 Applic \$300.00 Permit
\$.00 Process \$34.30 Rec Mgmt
\$.00 Gen Plan \$.00 Invstg
\$.00 Other \$18.95 Tech Enh

ADDRESS:

DIST:

CITY OF OAKLAND
JOB SITE

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

Applicant: *M. [Signature]* 3/27/07

Issued by: _____

Date: 03/27/07 Amt Paid: \$1,036.20
By: DLR Register R02 Receipt# 101394

CITY OF OAKLAND
Community & Economic Development Agency
250 Frank H. Ogawa Pl, Oakland CA, 94612
Phone: (510)238-3507 FAX: (510)238-2263

PAYMENT RECEIPT

=====
Application#: 08070214 Payment#: 001
APPLICATION FEE \$61.00
OBSTRUCTION PERMIT \$120.00
RECORDS MANAGEMENT FEE (\$17.20
TECHNOLOGY ENHANCEMENT FE \$9.50
Subtotal: \$207.70

=====
Application#: X0700301 Payment#: 001
APPLICATION FEE \$61.00
EXCAVATION PERMIT \$300.00
RECORDS MANAGEMENT FEE \$34.30
TECHNOLOGY ENHANCEMENT FE \$18.95
Subtotal: \$414.25

=====
Application#: 08070215 Payment#: 001
APPLICATION FEE \$61.00
OBSTRUCTION PERMIT \$300.00
RECORDS MANAGEMENT FEE (\$34.30
TECHNOLOGY ENHANCEMENT FE \$18.95
Subtotal: \$414.25

=====
Sales Tax: \$.00
***** TOTAL PAID: \$1,036.20

=====
Check Payment: \$1,036.20

=====
Payor: CAMBRIA ENVIRONMENT229
Date: 03/27/07 Time: 14:17:56
By: DLK Register R02 Receipt# 101394

ORIGINAL RECEIPT REQUIRED FOR REFUND

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: 03/05/2007 By jamesy

Permit Numbers: W2007-0258 to W2007-0262
Permits Valid from 04/12/2007 to 04/12/2007

Application Id: 1172621856980
Site Location: 350 Grand Ave
Project Start Date: 04/12/2007

City of Project Site:Oakland

Completion Date:04/12/2007

Applicant: Cambria Env't - Scott Lewis
19449 Riverside Drive, Suite 230, Sonoma, CA 94576

Phone: 707-933-2369

Property Owner: Gursharnjeet Cheema
1060 Rapael drive, Bay Point, CA 94523

Phone: --

Client: ** same as Property Owner **
Contact: Scott Lewis

Phone: 707-933-2369
Cell: 707-249-0697

Receipt Number: WR2007-0105	Total Due:	\$1500.00
Payer Name : Cambria Env't	Total Amount Paid:	\$1500.00
	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 5 Wells

Driller: Gregg Drilling - Lic #: 485165 - Method: press

Work Total: \$1500.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2007-0258	03/05/2007	07/11/2007	S-1	8.00 in.	3.00 in.	3.00 ft	16.00 ft	N/A	90726	N/A
W2007-0259	03/05/2007	07/11/2007	S-2	8.00 in.	3.00 in.	3.00 ft	15.00 ft	N/A	90726	N/A
W2007-0260	03/05/2007	07/11/2007	S-3	8.00 in.	3.00 in.	3.00 ft	15.00 ft	N/A	90726	N/A
W2007-0261	03/05/2007	07/11/2007	S-4	8.00 in.	0.75 in.	3.00 ft	14.00 ft	N/A	90726	N/A
W2007-0262	03/05/2007	07/11/2007	S-5	8.00 in.	0.75 in.	3.00 ft	15.00 ft	N/A	90726	N/A

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 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 Well Permit

Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 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. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a 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.
-