



Subsurface Consultants, Inc.

FAX TRANSMITTAL

Date: March 3, 1997
Number of pages including cover sheet: 5

To: **Barney Chan**
Alameda County Health Care Services Agency

Phone:
Fax Phone: 337-9335
CC: **Benny Kwong, OCHI**
763-7730

From: **Meg Mendoza**

SCI Job #: 406.019
Sent From: Lafayette, CA
Oakland:

- REMARKS:
- Urgent
 - For your review
 - Reply ASAP
 - Please comment
 - For your use
 - Original in mail
 - As requested

Enclosed is our letter report regarding well abandonment for 2530 E. 14th Street in Oakland. Please proceed with issuance of a Remedial Action Completion Certificate for the site. Thank you.

3736 Mt. Diablo Boulevard ■ Suite 200 ■ Lafayette, California ■ (510) 299-7960 ■ Fax (510) 299-7970

171 12th Street ■ Suite 205 ■ Oakland, California 94607 ■ (510) 268-0461 ■ Fax (510) 268-0137

**Subsurface Consultants, Inc.**R. William Rudolph, P.E.
PresidentMarch 3, 1997
SCI 406.019Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94501**Well Abandonment**
2530 East 14th Street
Oakland, California

Dear Mr. Chan:

This letter summarizes environmental services performed by Subsurface Consultants, Inc. (SCI) during well abandonment at 2530 East 14th Street. Remedial activities, including soil remediation and groundwater monitoring, had been performed at the site since 1989.

Prior to proceeding with well abandonment, SCI submitted a traffic control plan and obtained the required City of Oakland excavation permit. In addition, SCI obtained a Zone 7 Alameda County Flood Control and Water Conservation District (Zone 7) well abandonment permit for the wells. Copies of the permits obtained are attached.

Well Abandonment

SCI contacted Mr. Wyman Hong with Zone 7 regarding well abandonment procedures. Zone 7 is the agency responsible for oversight of well permits. Mr. Hong indicated that abandonment by pressure grouting is an acceptable procedure. All wells were abandoned per State of California Department of Water Resources and Alameda County Zone 7 guidelines.

Monitoring wells MW-13, MW-15, MW-16 and MW-17 were abandoned by pressure grouting on February 26, 1997. A neat cement grout mixture was prepared consisting of a ratio of about 6 gallons of water per sack of Type II portland cement. After removing the metal well head, all wells were pressure grouted by tremie methods. A pressure of approximately 100 psi was applied to the grout column. The well head void was backfilled with neat cement grout and sealed to match existing surface conditions. Removed well materials and soil will be disposed of at a local Class III landfill.

Subsurface Consultants, Inc.

Mr. Barney Chan
Alameda County Health Care Services Agency
SCI 406.019
March 3, 1997
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If you have any further questions, please call.

Yours very truly,
Subsurface Consultants, Inc.



Meg Mendoza
Project Engineer

MM:JNA/ly wellabn.doc

Attachments: Zone 7 Well Abandonment Permit
City of Oakland Excavation Permit

cc: Mr. Benny Kwong
Oakland Community Housing, Inc.
405 East 14th Street, #400
Oakland, California 94612



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

PAGE 2 of 2

PERMIT NUMBER X9700181		SITE ADDRESS/LOCATION 2530 E - 14TH ST	
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) 510 299-7960	
CONTRACTOR'S LICENSE # AND CLASS		CITY BUSINESS TAX #	

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) #: 78671

2) **48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

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 Chapter 6, Article 2 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 John Wolfe
Signature of Permittee Agent for Contractor Owner Date 2/24/97

DATE STREET LAST RESURFACED 8/2/90	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <u>M. Miller</u>		DATE ISSUED <u>2/24/97</u>	

263085



ZONE 7 WATER AGENCY

6997 PARKSIDE DRIVE, PLEASANTON, CALIFORNIA 94588-5127 PHONE (510) 484-2500 X235
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2530 East 14th Street
Oakland, CA

California Coordinates Source _____ ft. Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN _____

CLIENT
Name Oakland Community Housing, Inc.
Address 435 - 14th Street, #200 Phone (510)763-7676
City Oakland, CA Zip 94612

APPLICANT
Name Meg Mendoza
Subsurface Consultants, Inc. Fax (510)299-7970
Address 3736 Mt. Diablo Bl. #200 Phone (510)299-7960
City Lafayette Zip 94549

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection General
Water Supply Contamination
Monitoring Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other _____

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S LICENSE NO. 522-125

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 in. Depth 22 ft.
Surface Seal Depth 5 ft. Number 4

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 2/26/97
ESTIMATED COMPLETION DATE 2/26/97

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-88.

APPLICANT'S
SIGNATURE Meg Mendoza Date 2/18/97

FOR OFFICE USE

PERMIT NUMBER 97119
WELL NUMBER 2S/3W 6K8Q to 6K8J
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

- A. GENERAL**
 1. A permit application should be submitted so as to arrive at Zone 7 office five days prior to proposed starting date.
 2. Submit to Zone 7 within 60 days after completion of permit work the original Department of Water Resources Water & Drillers Report or equivalent for well projects, or drilling and location sketch for geotechnical projects.
 3. Permit is void if project not begun within 60 days of approval date.
- B. WATER SUPPLY WELLS**
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 60 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless lesser depth is specially approved.
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS**
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
- D. GEOTECHNICAL.** Backfill bore hole with compacted cuttings, heavy bentonite and upper two feet with compacted material. 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.
- F. WELL DESTRUCTION.** See attached.
- G. SPECIAL CONDITIONS**

Approved Wynman Hong Date 26 Feb 97
Wynman Hong