

**RESNA**

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

Verbal approval

10/9/92

SOS

Noting 3 borings near
waste

1009SSRY.601

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Drilling Scheduled at ARCO Station 601, 712 Levee Blvd., San Leandro,
California.

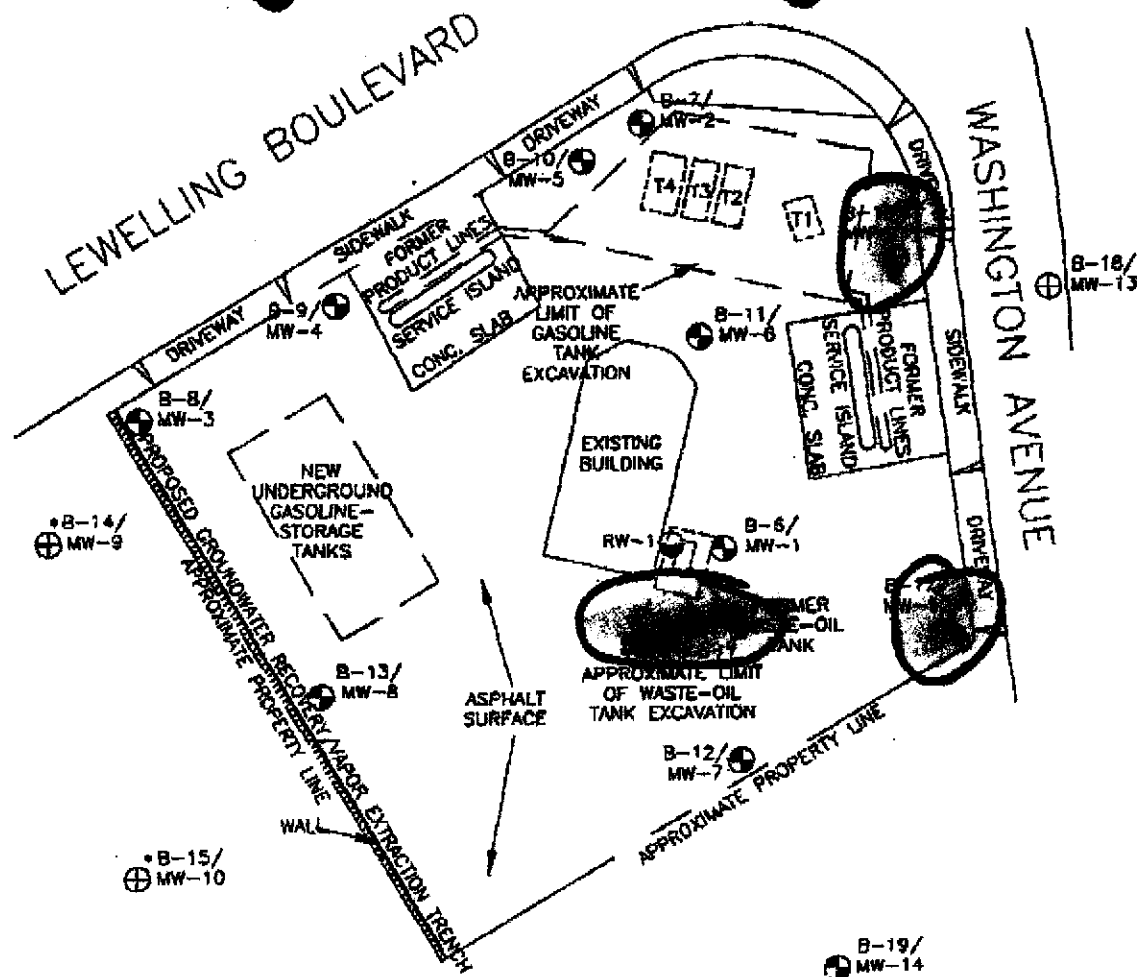
Dear Mr. Seery:

As discussed in our telephone conversation today, we are faxing you the proposed locations of the borings and monitoring wells to be drilled and installed by RESNA on behalf of ARCO at the subject site next week. As discussed, the two soil borings located in the vicinity of the former waste-oil tank (B-19 and B-20) will have soil samples collected and analyzed per the August 1990 Tri-Regional Water Quality Control Board Recommendations for Waste-oil constituents. The proposed locations of the borings are shown on the included Plate 2. Also, as discussed, we are still attempting to determine the most effective approach concerning sampling and analyzing water samples from well MW-1, which has contained floating product in the past. Hopefully, the analytical results of the soil samples collected from borings B-19 and B-20 will provide a large portion of the data your agency desires regarding the former waste-oil tank.

If you have any questions or comments concerning the proposed boring locations or other issues concerning the subject site, please do not hesitate to call us at (408) 264-7723.

Sincerely,
RESNA Industries, Inc.

Joel Coffman
Project Manager



EXPLANATION

- B-18/
MW-13 ⊕ = Proposed boring/monitoring well
- B-19/
MW-14 ⊕ = Groundwater monitoring well
(RESNA, 1990, 1991 and 1992)
- RW-1 ⊖ = Product recovery well
(GeoStrategies, January 1990)
- [T4] = Former underground gasoline storage tank

• = Wells not yet installed due to difficulty obtaining access

*Circled borings are
Mondays drilling locations*

Approximate Scale



Source: Surveyed by John Koch, Licensed Land Surveyor.

RESNA
Working to Restore Nature

PROJECT 69034.10

**PROPOSED BORING/
MONITORING WELL LOCATIONS**
ARCO Station 601
712 Lewelling Boulevard
San Leandro, California

PLATE

2

OCT- 9-92 FRI 11:33

ZONE 7 WATER AGENCY

FAX NO. 5104623914

P. 02



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT ARC STATION 601
712 LEWELLING BOULEVARD
SAN LEANDRO CA

PERMIT NUMBER 92500

LOCATION NUMBER _____

CLIENT

Name ARC PRODUCTS COMPANY
 Address PO BOX 5800 Phone _____
 City SAN MATEO Zip _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT

Name RESNA

Address 335 ALVARADO BLVD SUITE 201 Phone (408) 264-7723
 City SAN JOSE Zip 95118

TYPE OF PROJECT

Well Construction _____

Cathodic Protection _____

Water Supply _____

Monitoring ✓

Geotechnical Investigation _____

General _____

Contamination _____

Well Destruction _____

PROPOSED WATER SUPPLY WELL USE

Domestic _____

Industrial _____

Other _____

Municipal _____

Irrigation _____

DRILLING METHOD:

Mud Rotary _____

Air Rotary _____

Auger Hollow Stem

Cable _____

Other _____

DRILLER'S LICENSE NO. 484288 (C-57)

WELL PROJECTS

Drill Hole Diameter 10 in.Casing Diameter 4 in.Surface Seal Depth 3 ft.

Maximum

Depth 25 ft.Number 2

GEOTECHNICAL PROJECTS

Number of Borings 2Hole Diameter 10 in.

Maximum

Depth 20 ft.ESTIMATED STARTING DATE 10-12-92ESTIMATED COMPLETION DATE 12-16-92

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-85.

APPLICANT'S [Signature]

Approved

Wyman Hong
 Wyman Hong

Date 9 Oct 92

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to 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 or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
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. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. 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.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

TRANSMITTAL SHEET**DOCUMENT SENT TO:** Scott Seery,Alameda County Health Care Services Agency**Facsimile Number:** (510) 569 - 4757**DOCUMENT SENT FROM:** JOEL COFFMAN; RESNA/San Jose3315 Almaden Expressway #34, San Jose, California 95118 (408) 264-7723**Facsimile Number:** (408) 264-2435**Date Sent:** October 9, 1992 **Time Sent:** P.M.**DELIVER:** XXX Immediately Same Day**CONFIRMATION OF RECEIPT REQUESTED:** Yes XXX No
(Recipient to call sender upon receipt.)**DOCUMENT DESCRIPTION:****Proposed Boring Locations for ARCO Station 601 in San Leandro, CA.****NUMBER OF PAGES (INCLUDING TRANSMITTAL SHEET):** 3