



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

ST ID 3597

PERMIT SERVICES DIVISION

TOXIC SECTION

FAX COVER MEMO

Date 12 Nov 98

TO: TOM PEACOCK

Fax No. (510) 337 9335

ALAMEDA DEPT. ENV. HEALTH

FROM:

ROBERT LOVE

(415) 749-5018

/FAX: (415) 749-4949

MESSAGE: THIS NOTICE WAS SENT OUT TO ~4,000 ADDRESSES OF WHICH ~900 WERE TO PARENTS OF STUDENTS OF THE SCHOOL. THE NOTICES TO THE PARENTS WERE TRANSLATED INTO CANTONESE, SPANISH, & VIETNAMESE AS WELL.

NUMBER OF PAGES TO FOLLOW 2

cost about \$2,000



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

PUBLIC NOTICE

ALAMEDA COUNTY
Scott Haggerty
Greg Harper
(Chairperson)
Mary King
Ben C. Tarver

Date: 30 October 1998

CONTRA COSTA COUNTY
Paul L. Cooper
Mark DeSautier
Gayle Uilkema

To: Parents of students enrolled at Edna Brewer Junior High School

MARIN COUNTY
Harold C. Brown, Jr.

Persons at residences or other properties within 1000 feet of the proposed Soil and Groundwater Remediation System for Hooshi's Auto Service located at 1499 MacArthur Blvd. in Oakland.

NAPA COUNTY
Vince Ferris

From: Bay Area Air Quality Management District

SAN FRANCISCO COUNTY
Mabel Teng

Re: Soil Vapor Extraction System
Permit Application # 18303

SAN MATEO COUNTY
Jerry Hill
Michael D. Nevin
(Vice-Chairperson)

Bay Area Air Quality Management District (BAAQMD) Regulation 2-1-412 and Section 42301.6 of the California Health and Safety Code require that a public notice be prepared and distributed whenever the BAAQMD receives an application for a new or modified source of Toxic Air Contaminants that is located within 1000 feet of a public school.

SANTA CLARA COUNTY
Randy Attaway
Don Gage
Trixie Johnson
Gillian Moran
(Secretary)

To fulfill this requirement, we wish to inform you that on behalf of Hooshi's Auto Service, Cambria Environmental Technology, Inc. has applied for an Authority to Construct and Permit to Operate for a soil vapor extraction (SVE) system located at 1499 MacArthur Boulevard in Oakland.

SOLANO COUNTY
William Carroll

Three underground storage tanks were removed from the site in October of 1990. Results of soil and groundwater sampling performed after the removal of the tanks, indicated that petroleum hydrocarbons (gasoline and diesel) had leaked into the soil underneath the site during commercial operation of the former service station. As required by the Regional Water Quality Board, the responsible party must take action to clean up the impacted soil and groundwater beneath and around the site. The proposed system consists of a pneumatic vacuum pump which will extract petroleum vapor from subsurface soil wells drilled at the site. Treatment of the extracted vapor will be accomplished by either a catalytic oxidizer, or two granular activated Carbon vessels arranged in series. BAAQMD has prepared a health risk screening assessment as a routine part of the evaluation of the permit application. Benzene, a toxic air contaminant capable of causing cancer, may be emitted during the operation of the SVE system. The worst-case estimated emissions of benzene for the system are 0.10 pounds per day. During normal operation, actual emissions are expected to be much less.

SONOMA COUNTY
James Harberson
Patricia Hilligoss

The benzene health impact is expressed in terms of the increased risk of contracting cancer by individuals that live in the impact area. The potential risk values were calculated using standard risk assessment methodology, including the assumption that residents are present in their homes 24 hours per day, 7 days per week, for a 70 year lifetime. It is further assumed that the school is occupied 8 hours per day, 240 days per year, every year.

For individuals who live or work near the property line of this site, the increased risk from the proposed operation is no more than 10 chances in a million. The proposed operation would result in a maximum increased risk of no more than 0.1 chance in a million to the students who attend Edna Brewer Junior High School.

Ellen Garvey
Executive Officer/
Air Pollution Control Officer

(415) 749-4949

939 ELLIS STREET • SAN FRANCISCO, CALIFORNIA 94109 • (415) 771-6000 • FAX [REDACTED]



In order to put the preceding risk estimate into perspective, here are some other risk numbers for comparison:

- 1) The risk of contracting cancer in the general population is 1 in 4, or 250,000 chances in a million.
- 2) The risk of contracting cancer due to background concentrations of toxic air contaminants in the Bay Area, estimated by the same procedure used in the risk assessment, is 315 chances in a million.

The Health Risk Screening Assessment Report describes the basis for the risk estimate in detail. You may review this report by making an appointment with:

BAAQMD Permit Services, (415) 749-4990
Edna Brewer Junior High School, (510) 878-2100
Diamond Branch Public Library, (510) 482-7844

There is a thirty-day period for public response to this proposal. If you wish to comment on the proposed SVE System at the Hooshi's Auto Service site, you may call (415) 749-5007 and leave a message up to one minute in length. Please include your name and mailing address, or name and telephone number, so that a BAAQMD staff person may respond to your message. Alternatively, you may make your comments in writing. Please address them to:

Hooshi's Auto Service Public Notice Response
BAAQMD
939 Ellis Street
San Francisco, CA 94109
Attn: Robert E. Cave