

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
30 Swan Way, Rm. 200
Oakland, CA 94621
(415)

22 September 1989

Ignacio Dayrit
Emeryville Redevelopment Agency
City of Emeryville
2200 Powell Street
12th Floor
Emeryville, CA 94608

Subject: Closure Procedure for the Underground Storage Tank
located at the former Transo facility, 1600 64th Street,
Emeryville.

Dear Mr. Dayrit:

Following the meeting between yourself and Dennis Byrne of our staff, this letter has been prepared to inform you of the underground tank closure procedure utilized within Alameda County. I will attempt to provide a brief description of the various steps of the process and identify those areas in which problems are often encountered.

Our records indicate that a 300 gallon underground storage tank was installed beneath the building listed above. There is no indication as to what material was stored in this tank, but Bruce Dipple, of Transo Envelope Company, can probably provide this information to you. This operation is currently located at 240 Littlefield Avenue, South San Francisco 94080, (415) 244-6250.

Prior to the review of a submitted closure plan the applicant is required to submit a deposit. This deposit is authorized by Section 3-141.6 of the Ordinance Code of the County of Alameda, and is used to cover the expenses incurred by County personnel in the follow-up activities associated with the project. Upon completion of the project the balance of the deposit is refunded to the applicant. For the removal of a single tank, a deposit of \$333.00 is required.

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Emeryville Redevelopment Agency
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Re. 1600 64th St.
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We at the Hazardous Materials Division issue a standard closure plan document which we request applicants to complete and submit to us, in triplicate, for review. When highlighted with the red "Accepted" stamp, this form constitutes a legal permit authorizing the removal project to take place. A blank copy of this plan is included with this letter. In addition to the closure plan we require a plot plan of the facility, a copy of the contractor's workman's compensation insurance certificate and a site safety plan also be submitted for review.

Common omissions on closure plans include; the EPA Identification Number of the facility, no listing of the historic contents of the tanks, suggesting improper soil analysis tests for the reported tank contents, not listing a registered hazardous waste hauler to remove the tank(s) from the job site following excavation and not signing the closure plan. Minimum requirements for a site safety plan include a statement that an explosimeter will be present to gauge tank atmospheric conditions prior to removal, identify a person with overall responsibility for site safety and specifying a minimum of two fire extinguishers and level C protective clothing to be available to workers on the job site. Inspectors are granted a considerable amount of discretion in regards to the specific details which they require to be stated on a site safety plan for approval.

Upon approval of the submitted closure plan we request that you notify us a minimum of forty-eight hours in advance of the scheduled removal date. This is to allow our inspectors to organize their weekly schedules accordingly and facilitate having a representative from our office on-hand to observe the removal. It is not essential that an inspector be present during the tank removal per se, but many of our inspectors like to have an opportunity to examine the tanks and excavated soil for evidence of leakage, and to observe the collection of soil samples. The decision to be on-hand during the tank removal is left to the discretion of the individual inspector.

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Following the tank removal all analytical data, Chain of Custody Forms and manifests documenting the disposal of the tank and any contents must be submitted to our office for review. If all is in order and no site remediation is required, a sign-off letter is issued and the County Billing Department is notified to refund any balance of the deposit to the applicant. Though we are the lead agency in regards to administering Title 23 of the California Code of Regulations within Alameda County, it is the responsibility of the San Francisco Bay Regional Water Quality Control Board to issue the final approval of any underground tank project within it's jurisdiction.

If you have any questions or require further clarification regarding the underground storage tank closure process utilized within Alameda County, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS;DB

enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



April 14, 1997
STID # 3825

Ms. Barbara Cook, Chief
Cal EPA
Dept. of Toxic Substance Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

**Subject: Background Review and Workplan for Subsurface Environmental Investigations
South Bayfront Project, Emeryville, California**

Dear Ms. Cook:

Per your request, I'm forwarding the following specific comments regarding the "Background Review and Workplan for Subsurface Environmental Investigations" dated March 24, 1997, prepared and submitted by Erler & Kalinowski, Inc. for the South Bayfront project in Emeryville, California.

- 1) Page 27, last paragraph. The Underground Storage Tank Unauthorized Leak / Contamination Site Report was for the removal of **two** (not one) 1,000 - gallon USTs.
- 2) Page 28, second paragraph. Concentrations of total xylenes detected in the samples of soil ranged from **1.74 mg/kg to 1,840 mg/kg** (not 0.87 mg/kg to 920 mg/kg).
- 3) Page 30, third paragraph. Change benzene (maximum concentration of 9,100 mg/l) to **9.1 mg/l**.
- 4) Page 32, last paragraph. **Three** groundwater sampling events (10/13/89, 2/2/93 and 6/30/93) have been conducted on wells MW-1, MW-2 and MW-3. Table 3-2 needs to be revised. Groundwater data for the three sampling events is enclosed.

If you have any questions, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

- c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Chief, Environmental Protection Division
Sum Arigala, San Francisco Bay RWQCB
SH / files

STATE OF CALIFORNIA — ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737



July 12, 1994

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To Verak Nelson / Ric Notini	From
Co.	Co.
Dept.	Phone #
Fax # 658-5239/4855789/31	Fax #

Mr. Ignacio Dayrit
City of Emeryville
Redevelopment Agency
2200 Powell Street, Suite 1200
Emeryville, California 94608

Dear Mr. Dayrit:

RESPONSE TO COMMENTS ON SOIL AND CONCRETE RELOCATION SAMPLING PLAN, THE CITY OF EMERYVILLE 53RD & HOLLIS STREETS, EMERYVILLE

The Department of Toxic Substances Control (Department) has received the response prepared by Erler & Kalinowski on behalf of the Redevelopment Agency. The Department's request asked that additional routes of exposure to construction workers and the total risk to potential site trespassers from arsenic be evaluated. The Department's Office of Scientific Affairs reviewed the response and determined that all comments were satisfactorily addressed.

Prior to transport of the soil from the 53rd and Hollis (PG&E/Emeryville) site to the Shellmound properties, the Department requests that the Redevelopment Agency provide a plan detailing the proposed location, placement and handling of the soil at the Shellmound properties. In addition, the Department has not received data regarding the pH of the soil found at the PG&E/Emeryville site. This information is important since arsenic becomes mobile in soils with elevated pHs.

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Site Mitigation Branch



DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3839



April 15, 1994

Mr. Kofi Bonner
Director of Economic Development
and Housing
Emeryville Redevelopment Agency
2200 Powell Street, 12th Floor
Emeryville, California 94608

Dear Mr. Bonner:

**COMMENTS TO THE SOIL AND CONCRETE RELOCATION SAMPLING PLAN, CITY
OF EMERYVILLE/PG&E SITE, 53RD AND HOLLIS STREETS, EMERYVILLE**

The Department of Toxic Substances Control (Department) has received the above mentioned report submitted by Erler & Kalinowski, Inc. on behalf of the City of Emeryville and Chiron Corporation. In general, the plan was well written, but requires some modification prior to its approval. The Department's comments are as follows:

1. The report should be signed by an engineer or geologist certified in the State of California.
2. Page 1, Section 1.0, Introduction: This section needs to include more information regarding the use of the soil at the Shellmound Site. For example, will the soil be stockpiled prior to use as aggregate or subbase, and for how long, or will the soil be immediately located along the roadway and covered? A map showing the location of the roadway would also be helpful.
3. Page 11, Section 5.2.1 Sample Collection from Stockpiles: Because samples will be collected with a stainless steel trowel or disposable plastic spoon, the Department prefers that samples be collected randomly from the backhoe bucket to ensure that the entire stockpile is sampled.
4. Page 11, Section 5.3, Materials Sample Collection:
 - a. An attempt should be made to collect equal amounts of the different samples used for compositing.
 - b. Collection jars should have Teflon-lined caps.



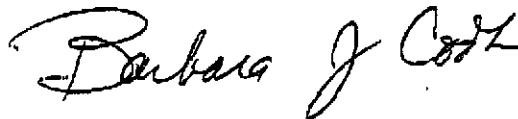
Mr. Kofi Bonner
April 15, 1994
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5. Page 12, Section 5.4, Laboratory Analysis of Samples: This section needs to include a description of sample and laboratory quality assurance/quality control, e.g. matrix spikes, replicates, equipment blanks, etc.
6. Page 13, Section 6.0, Site Health and Safety Plan for Materials Relocation Project: This section should state that prior to initiation of field work, the Site Health and Safety Plan will be submitted to the Department for review and approval. In addition, the document will need to be signed by a Certified Industrial Hygienist.

In addition, based upon a telephone conversation with your consultants and my staff on April 15, 1994, the City of Emeryville will submit an addendum to this plan which will include: 1) A description of the intended handling and use of the excavated soil, and controls that will be used to mitigate dust and other potential routes of exposure, 2) A discussion and calculations describing the potential fate and transport of total petroleum hydrocarbons at the Shellmound site, and 3) A discussion and calculations regarding potential airborne exposures to arsenic.

If you have any questions regarding this letter, please contact Lynn Nakashima of my staff, at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch