

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT 10-27-99
including cc's

202486

October 26, 1999

Jill Pollock
Department of Transportation
P.O. Box 23660
Oakland, CA 94623-0660

ENVIRONMENTAL HEALTH SERVICES

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

STID: 6591

Re: Investigations at Vacant Parcel, located at the intersection of Mattox Road and Foothill Boulevard, Hayward, CA

Dear Ms. Pollock,

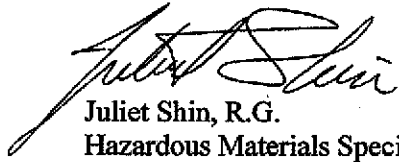
This office has reviewed the August 30, 1999 Hazardous Waste Preliminary Site Investigation Report prepared by Professional Service Industries, Inc. Based on our review, it has been determined that the following additional investigations need to be conducted at the site:

- The Soluble Threshold Limit Concentration (STLC) test conducted on soil samples collected from HAY9 (0.9 meters deep) and HAY10 (0.3 meters deep) exceeded the 5 parts per million (ppm) threshold limits for lead, given in Title 22 California Code of Regulations. Consequently, these soil samples, if still available for testing, must undergo the "acid rain" leachability test (Method 1312) to help determine whether the lead-contaminated soil will significantly leach into groundwater. If the soil samples are no longer available for testing, then additional soil samples with comparable concentrations of lead should be collected and analyzed using Method 1312.
- Although soil samples collected from the most recent investigations did not identify lead concentrations exceeding Region IX Environmental Protection Agency's (EPA) Preliminary Remediation Goals (PRGs) of 400ppm for residential scenarios and 1,000ppm for industrial scenarios, this office is still concerned with the 2,400ppm of total lead identified from HAY5 in 1995, which not only exceeds the industrial PRGs, but also the 1,575ppm level established by the Department of Toxic Substances Control for the protection of maintenance/construction workers. Therefore, this office is requesting that this soil be excavated and disposed of off site. Subsequent to the excavation, confirmatory soil samples will be required to assure that the extent of the elevated lead concentrations has been removed.
- Based on the elevated levels of Oil & Grease identified in shallow soil samples at the site, final closure conditions for the site will require that a cap be maintained at the site and that a Health and Safety Plan be prepared as part of any future construction/maintenance work at the site.

Jill Pollock
Re: Mattox Rd. & Foothill Blvd.
October 26, 1999
Page 2 of 2

A workplan addressing the above additional work should be submitted to this office within 45 days of the date of this letter (i.e., by December 07, 1999). If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin, R.G.
Hazardous Materials Specialist

Cc: Frank Poss
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, CA 94545

ALAMEDA COUNTY
HEALTH CARE SERVICES

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ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
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May 19, 1999

Chris Zdunkiewicz
Cal Trans, District 4
Environmental Engineering
P.O. Box 23660
Oakland, CA 94623-0660

STID: 6591

Re: Workplan for investigations at the Cal Trans site, located at Mattox and Foothill Blvd.,
Hayward, CA

Dear Ms. Zdunkiewicz,

This office has reviewed Professional Service Industries, Inc.'s workplan, dated May 14, 1999, for soil and groundwater investigations at the above site. This workplan is acceptable to this office. If this investigation identifies groundwater contaminant concentrations of concern, permanent monitoring wells will be required to be installed at the site.

The workplan should be implemented within 45 days of the date of this letter. A report documenting the work should be submitted to this office within 45 days after completing field activities.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Cc: Frank Poss
Professional Service Industries, Inc.
1320 West Winton Ave.
Hayward, CA 94545

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



✓ RO# 2486 (STID# 6591)
RO# 250 (STID# 6517)

ENVIRONMENTAL HEALTH SERVICES

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

January 19, 1999

Ronald Moriguchi, Dist. Office Chief
Calif. Department of Transportation
P.O. Box 23660
Oakland, CA 94623-0660

STID: 6517 & 6591

Re: Investigations at two Caltrans sites, located at the corner of Mattox Road and Foothill in Hayward, CA, and 6th and Castro Street in Oakland, CA.

Dear Mr. Moriguchi,

This office has received and read your letter, dated January 7, 1999, requesting an extension of the due date, from January 11, 1999 to March 31, 1999, for the submittal of a workplan for each of the two above referenced sites. This office will grant you this requested extension.

In response to your question, the State reimburses our office for overseeing investigations and cleanup related to sites that have had a release from petroleum underground storage tanks. Therefore, this office is reimbursed by the State for oversight of your 6th and Castro site in Oakland. However, the contaminants identified at the Mattox Road and Foothill site cannot definitely be related to releases from petroleum underground storage tanks, so this office must seek reimbursement for our oversight costs from the Responsible Parties, and not the State. The contaminants of concern at your Hayward site are Lead and Oil & Grease, and these constituents do not appear to be resulting from the former Exxon station tanks since analysis of samples collected from the site did not identify any gasoline or diesel constituents. Therefore, a deposit for this site is required for oversight costs. Please submit the requested \$500.00 deposit for the Hayward site prior to March 31, 1999.

As stated above, the workplans for the two above Caltrans sites will be submitted to this office by March 31, 1999. If you have any further questions, please contact me at (510) 567-6763.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

Cc: Chris Zdunkiewicz
Caltrans, District 4
Environmental Engineering
P.O. Box 23660
Oakland, CA 94623-0660

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#2486

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
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(510) 567-6700
(510) 337-9335 (FAX)

November 16, 1998

Chris Zdunkiewicz
CalTrans, District 4
Environmental Engineering
P.O. Box 23660
Oakland, CA 94623-0660

STID 6510

Re: Investigations at the CalTrans site, located at Mattox and Foothill, Hayward, CA

Dear Ms. Zdunkiewicz,

The above referenced site was formerly an Exxon gasoline station and had ceased operation in the late-1970s, and the former underground storage tanks (USTs) were removed from the site in 1979.

On July 24 and 25, 1995, Geocon Environmental Consultants (Geocon) installed five hydropunches, HAY1 through HAY5, at the site. Soil samples collected from the five hydropunch locations were analyzed for Oil & Grease and Total Lead. Additionally, soil samples collected from 17-feet below ground surface (bgs) in hydropunches Hay1, Hay2, Hay4, and Hay5 were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPHG), Total Petroleum Hydrocarbons as Diesel (TPHD), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analysis of these soil samples identified up to 2,400 parts per million (ppm) Total Lead and 7,200ppm Oil & Grease. No other contaminants were identified above detection limits.

In addition to the collection and analysis of the above soil samples, Norcal conducted a geophysical survey of the site and identified three anomalies which may represent small USTs or large isolated metallic objects such as utility vaults or utility corridors.

In 1996, International Technology Corporation (IT) drilled eight borings, B2-2 through B2-9, down to 15-feet bgs at the site, and soil samples were collected from these borings at 0.5-, 2.5-, 6.5-, 10.5-, and 14.5-foot bgs. One additional boring, B2-1, was drilled down to only 6-foot bgs due to drilling refusal, and soil samples were collected from this boring at 0.5- and 2.5-foot bgs. Soil samples collected at or above 6.5-foot bgs from the borings were analyzed for Total Lead. When total lead concentrations exceeded 10 times the STLC for lead, an STLC leachability test was conducted on these samples. Soil samples collected from 6.5-, 10.5-, and 14.5-foot bgs were analyzed for TPHG, TPHD, and BTEX. Analysis of these soil samples identified up to 480ppm Oil & Grease and 92ppm Total Lead. The results of the STLC test for the 92ppm lead-contaminated soil was 3.5ppm, which is below the Hazardous Waste threshold value of 5ppm.

Chris Zdunkiewicz
Re: Mattox and Foothill
November 16, 1998
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The elevated level of Total Lead identified in Geocon's Boring HAY5, at 2,400ppm, is of concern to this office. Although IT's 1996 investigations did not identify lead concentrations of concern, none of IT's borings were located in the area of HAY5. This office believes that there could be a localized hot spot of elevated lead concentrations around former Boring HAY5, and is requiring that this area be investigated further to better characterize the lead concentrations in this area.

Additionally, this office is requiring the collection of groundwater samples at the site, if groundwater is encountered above 50-feet bgs. Groundwater samples shall be analyzed for TPHG, TPHD, BTEX, soluble lead, Oil & Grease, and the lead scavengers ethylene dibromide and ethylene dichloride. If these groundwater samples identify concentrations exceeding human-health and/or environmentally protective threshold values, then additional groundwater monitoring will be required.

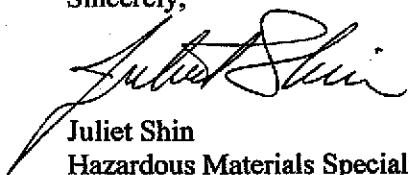
According to Norcal's geophysical survey, three anomalies were identified at the site suggesting that small USTs may have been left in place. Further investigations must be conducted to confirm these findings.

Based on the results of future investigations at the site, a risk assessment may eventually be required. A work plan addressing the above required work shall be submitted to this office for our review within 60 days of the date of this letter, i.e., by January 11, 1998.

Lastly, we are requesting that you submit another deposit of \$500.00 for our oversight costs, which has a rate of \$100.00/hour. Currently, the deposit account for this site has \$200.00 remaining, and it is anticipated that at least 7 additional hours may be needed to provide oversight through to closure of the site. Any unused deposit will be refunded to the payor at the completion of our work. Please make the check payable to Alameda County and reference the site's address and STID# on the check.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Cc: Kristen L. Schober, CalTrans, District 4
Office of Right-Of-Way, P.O. Box 23660, Oakland, CA 94623-0660