

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

R0447

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

May 12, 1998

ATTN: Sir Or Madam

Harding Lawson Assoc. Inc  
7655 Redwood Blvd.  
Novato CA 94947

RE: Project # 1808A - Type M  
at 6121 Hollis St in Emeryville 94608

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$736.50, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager  
Environmental Protection

c: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0447

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 8, 1994  
STID# 4428

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Mr. Clair Kenaston  
Contracting Officer  
United States Postal Service  
850 Cherry Avenue  
San Bruno, California 94099-0300

**RE: Workplan for Environmental Engineering Services  
at United States Postal Service - 6121 Hollis Street  
Emeryville, California 94608**

Dear Mr. Kenaston:

This office has completed review of the "Workplan for Environmental Engineering Services", dated January 5, 1994 and prepared by Lowney Associates for the referenced site. This report was submitted under cover letter from Daniel, Mann, Johnson, & Mendenhall dated January 6, 1994.

Based on this review, the basic elements of the workplan is acceptable provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from each boring must be from the saturated/unsaturated zone interface. Samples must be analyzed for TPH gasoline, TPH diesel, TOG, benzene, toluene, ethyl benzene, xylene and PCB.
- 2) A minimum of 24 hours, and preferably 72 hours should pass between well development and purging/sampling.
- 3) Wells should be surveyed to an accuracy of 0.01 foot and referenced to a common bench mark such as mean sea level (MSL).
- 4) Please submit a site map showing the location of the two monitoring wells to be installed west of the property. A copy of the monitoring well construction diagrams should also be submitted.

Mr. Clair Kenaston  
RE: 6121 Hollis Street, Emeryville, CA 94608  
February 8, 1994  
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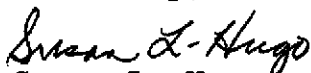
- 5) Groundwater samples must be analyzed every quarter for the following target compounds: TPH gasoline, TPH diesel, TOG, benzene, toluene, xylene, ethyl benzene, and PCB. After four quarters of non detect levels have been achieved, the monitoring program will be evaluated and/or the site will be recommended for closure.
- 6) Please notify this office 72 hours in advance when field work is slated to begin so a site visit can be arranged by a representative from this office.

Response to item #4 should be provided to this office before field work commence. A report must be submitted within 45 days after workplan implementation.

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Gil Jensen, Alameda County District Attorney's Office  
Edgar B. Howell, Chief, Hazardous Materials Division - files  
Charles Wren, DMJM, 153 Kearny Street, Suite 600  
San Francisco, California 94108-4815  
Stason Foster, Lowney Associates, 405 Clyde Avenue  
Mountain View, California 94043

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0447

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

October 14, 1993  
STID# 4428

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Mr. Clair Kenaston  
Contracting Officer  
United States Postal Service  
850 Cherry Avenue  
San Bruno, California 94099-0300

**RE: Status of the Soil and Groundwater Investigation/Remediation  
at the Proposed Emeryville Postal Facility  
6121 Hollis Street, Emeryville, California 94608**

Dear Mr. Kenaston:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the files concerning the soil and groundwater investigation/remediation at the referenced site. Two underground storage tanks ( 1-500 gallon and 1-600 gallon capacity ) were removed at the site on August 2, 1993. We are in receipt of the following reports:

- \* Soil and Ground Water Quality Evaluation (July, 1993) prepared by Lowney Associates
- \* Underground Fuel Tank Removal and Soil Excavation (August, 1993) prepared by Lowney Associates
- \* Remedial Measures (September 15, 1993) prepared by Lowney Associates
- \* Construction Drawings for the Soil Vapor and Groundwater Extraction Treatment System (July, 1993)

Soil sample collected from the bottom of the 600 gallon tank had non detectable level of TPH gasoline, TPH diesel, TOG, benzene, toluene, ethyl benzene and xylenes. However, the result of the soil sample collected (5 ft. bgs) during the removal of the 500 gallon tank located in the center of the site exhibited 1,800 ppm TPH diesel. The grab water sample showed 150 ppm of TPH diesel. Overexcavation activities were conducted in the area of the former 500 gallon tank at the center of the site, area at the southeast corner of the site where oil impacted soil was detected during previous on-site work and the area of the former railroad siding. Verification soil samples were collected and the following residual soil contamination remains on site:

- southeast area sample SE-8 (17,000 ppm TOG)
- central area sample SS-8 (240 ppm TOG)
- trench area samples: TR-2 (1,600 ppm TOG); TR-4 (1,000 ppm TOG, 1,200 ppm TPH diesel); and TR-5 (400 ppm TOG, 110 ppm TPH diesel)
- railroad siding samples : RR-15 (170ppm TOG); RR-17 (110 ppm TOG )

Mr. Clair Kenaston  
RE: 6121 Hollis Street, Emeryville CA 94608  
October 14, 1993  
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Currently, there are five groundwater monitoring wells on site. Four of the wells ( MW-1A, MW-2, MW-3, MW-4 ) showed elevated levels of contamination as high as 1,500 ppb TPH gas and 4,900 ppb TPH diesel. MW-1 had non-detect level of TPH gas and TPH diesel.

Based upon the review process of all the reports submitted to this office for the referenced site, the recommended approach of conducting periodic sampling program alone without any remediation is not acceptable due to the following issues:

- 1) The extent of soil and groundwater contamination remains undefined. Monitoring well MW-1A showed 4,900 ppb TPH diesel and MW-4 had 1,200 ppb TPH gas and 730 ppb TPH diesel. These two wells are located in close proximity to the property line. Additional soil borings and/or wells east of the property are necessary to complete the delineation of the contaminant plume.
- 2) It appears that the contamination may be migrating off-site. A remedial system must be installed to contain the plume on-site.
- 3) The presence of residual soil contamination on site must be addressed concurrent to the proposed construction of the Emeryville Postal Facility.

The proposed remedial measure (soil vapor and ground water extraction system) to be implemented on site is acceptable to this office.

In addition, the following issues must be addressed:

- A workplan to delineate the vertical and lateral extent of the plume must be submitted to this office.
- Quarterly sampling of all the monitoring wells must be implemented in a timely fashion because of the extent of groundwater contamination at the site. Groundwater samples must be analyzed for target (TPH as gasoline, TPH as diesel, oil & grease, BTEX and PCB). Groundwater elevation readings must be incorporated in the quarterly monitoring program and verified groundwater flow direction must be established at the site.
- Please clarify the stockpiled soil disposition. Documentation of the stockpiled soil disposal must be submitted to this office.

Mr. Clair Kenaston  
RE: 6121 Hollis Street, Emeryville, CA 94608  
October 14, 1993  
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- Please provide this office with copies of the tank disposal records (manifests).
- Please provide this office with a copy of the screen interval for monitoring wells MW-1 and MW-2.
- Permits from other regulatory agencies which are applicable to the investigation/remediation activities at the site must be followed.
- Please submit a time schedule for all phases of the investigation and remediation activities.

Response to the items mentioned above must be provided to this office **no later than December 1, 1993.**

Until cleanup is complete, you will need to submit reports to this office every three months ( or at a more frequent interval, if specified at any time). In addition, the following items must be incorporated in your future reports or work plan:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or work plan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the RWQCB of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

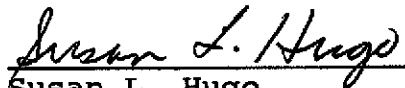
Mr. Clair Kenaston  
RE: 6121 Hollis Street, Emeryville, CA 94608  
October 14, 1993  
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All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the work plan must be confirmed in writing and approved by this agency.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



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Susan L. Hugo  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Rich Hiatt, San Francisco Bay RWQCB  
Gil Jensen, Alameda County District Attorney's Office  
Edgar B. Howell, Chief, Hazardous Materials Division - files  
Charles Wren -Daniel, Mann, Johnson & Mendenhall  
222 Kearny Street, Suite 500  
San Francisco, CA 94108

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0447

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

June 3, 1993

Mr. Jerry A. Adkins  
United States Postal Service  
850 Cherry Avenue,  
San Bruno, CA 94099-0300

Subject: Emeryville Post Office site, 6121 Hollis St.,  
Emeryville, CA 94608

Dear Mr. Adkins:

This office has received and reviewed the "Preliminary Soil Quality Evaluation", dated April 16, 1993, submitted by Lowney Associates, Environmental/Geotechnical/Engineering Services(LA). Thank you for submitting the document in a timely fashion. Upon evaluation of the report/workplan, there are several points that need to be addressed prior to concurrence by this division:

- 1) Regarding any "Potentially Responsible Parties" (PRPs), this office will not comment as to the possibility of obtaining financial assistance.
- 2) This office concurs with the recommendation by your consultants(LA) to remove the underground storage tanks(USTs). Under Title 23 of the California Code of Regulations, you must perform one of the following actions:
  - A) Submit a tank closure plan to this office for removal of the USTs (under Article 7, Sec 2670.
  - B) Apply for a permit to operate the USTs, as required by Article 10, Sec 2710.
- 3) Please be advised that this office follows the "Tri-Regional Board Staff Recommendations...", for the investigation of UST sites. Any plan for monitoring wells should include the sighting of two of the five proposed wells in the known downgradient within ten (10) feet of the removed UST.
- 4) Any work at the site should proceed with caution due to the potential for risk to human health from the chemical agents already known to be present in the soil. Any remediation or workplan for the removal of the tanks should contain a "Site Safety Plan" adequate to meet the needs for human health concerns.



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- 5) This office concurs with manifesting of the soil spoils to an approved facility, following the characterization of the soil as to its chemical constituents./
- 6) Regarding the recommendation for the use of a "Steam Injection System" for removal of the chemical constituents, this office will not comment other than concurring with any remediation technology that will benefit the water quality.
- 7) This office recognizes that the soil matrix may tend to inhibit the action of the proposed vapor extraction system.
- 8) Please submit the original results of the "Soil Sampling and Test Results", data collection by Dames and Moore in March of 1993. This office had previously requested that this data be sent to this office, however, the analytical results have yet to be received by this office.
- 9) It will be necessary for the USPS to submit an "Unauthorized Release Form" (URF), to this office. This form should be completed immediately (enclosed).
- 10) A workplan for the soil/groundwater remediation must be submitted to this office within thirty (30) days.
- 11) Please be advised that this oversight of the site remediation is being transferred to the local oversight program. In the future you will receive official notification by registered mail of such transfer.
- 12) Enclosed is a copy of criteria utilized by the State Water Quality Control Board (SWQCB), to indicate the potential responsible parties (PRPs) for the cleanup of contaminated sites.

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Please respond to this letter within thirty (30) days. Efforts should be made to submit a closure plan for the USTs to this office within the thirty day time frame.

If you have any questions, please call this office. The telephone number is 271-4322.

Sincerely,



Brian P. Oliva, REHS, REA  
Hazardous Materials Specialist

cc: Ron Helm, Lowney Associates  
Rich Hiett, SFBRWQCB  
Clair Kenaston, USPS, San Bruno, CA

enclosures: URF form  
SWQCB "PRP" criteria

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0447

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

June 17, 1992

David Derus  
US Postal Service  
850 Cherry Street  
San Bruno, CA 94099-0310

Subject: 6121 Hollis Street, Emeryville, CA 94608

Dear Mr. Jones:

This letter is written in response to a report dated May 11, 1992, from Harding Lawson Associates (HLA), concerning the above aforementioned site. Upon review of the Site Investigation Report dated April 22, 1992, this office conditionally concurs with the findings of the report with the following reservations:

- 1) The Health Hazard Risk Assessment (HHRA) only relates to the "Threat to Public Health", and does not include the threat to possible ground water pollution from existing contamination.
- 2) The risk to construction workers is above the permissible risk value currently being used by this Agency. However, this could be augmented through the implementation of a well-prepared Health and Safety Plan. Please review the Health and Safety Plan before giving such approval. It should specifically address the potential risk to workers, and how such a risk can successfully be reduced.
- 3) If the "capping" is properly designed (and otherwise approved by a registered Civil Engineer), the future risk to employees and potential customers of facility are negligible (there should be no pathways of exposure present).
- 4) Following the completion of the structure, additional subsurface sampling may be required. This is prompted by the contemplated landscaping of the surrounding area that may cause a breach in the capped area.

page 2 of 2

If you have any questions relating to the above request, please feel free to contact this office. The number is (510) 271-4320.

Sincerely,



Brian P. Oliva, REHS  
Hazardous Materials Specialist

cc: James E. Vann, 5856 Doyle St. Emeryville, CA 94608  
Melissa Wann, Harding Lawson Associates  
Howard Hayatama, State DTSC, Berkeley  
Rafat Shahid, Asst. Agency Director, Alameda County  
files

*RAW*