

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 596

RAFAT A. SHAHID, DIRECTOR

Alameda County Environmental Health Div.
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510)567-6700 fax: (510)337-9335

April 1, 1996
STID # 1385

Mr. Dante Sambajon
Coulter Steel & Forge Company
1494 67th Street
Emeryville, California 94608

RE: Case Closure - Coulter Steel & Forge Company
1494 67th Street, Emeryville, California 94608

Dear Mr. Sambajon:

The Alameda County Department of Environmental Health, Environmental Protection Division has recently received concurrence from the Regional Water Quality Control Board regarding this office determination that no further action is required concerning the removal of two underground storage tanks (1 - 10,000 gallon diesel and 1 - 1,000 gallon gasoline) at the above referenced site.

Please be advised that the five groundwater monitoring wells (MW-3, MW-4, MW-5, MW-6 and MW-8) at the site must be properly decommissioned before our agency will issue the Remedial Action Completion Certification (closure letter) for the subject site. A report must be submitted documenting the abandonment of the monitoring wells.

Additionally, you will need to notify this office 72 hours in advance of the well abandonment field activities.

If you have any questions concerning this letter, please contact me at (510) 567- 6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco Bay RWQCB

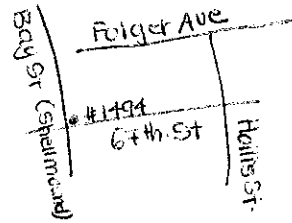
ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



SITE: 1494 67th St.
Emeryville, CA 94608

#722 Folger Ave (not on
map quest)



R0596

T. AGENCY DIRECTOR

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

June 2, 1994
STID# 1385

Mr. Dante Sambajon
Coulter Steel & Forge Company
1494 67th Street
P.O. Box 8008
Emeryville CA 94662- 0901

RE: **Status of the Investigation / Remediation Related to the
Underground Storage Tank (Diesel) at 722 Folger Avenue,
Emeryville, California 94608**

Dear Mr. Sambajon:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the Progress Report - Well Installation/ Soil Remediation/ Groundwater Monitoring (November 1993 Event) and the Quarterly Groundwater Monitoring Report - Sampling Event (February 1994) prepared and submitted by Subsurface Consultants, Inc. for the referenced site.

Based on this review, the sampling data collected to date have been evaluated and the following monitoring program can be implemented for the site:

- 1) Monitoring wells MW-4, MW-5, MW-8 must be sampled **every quarter** for target compounds.
- 2) Monitoring well MW-6 can be dropped from the sampling program. This well has not detected at or above reporting limit any level of TPH diesel, benzene, toluene, ethyl benzene for six sampling events but minor concentrations of xylene was found during two sampling events at 0.7 ppb and 2.0 ppb. If monitoring well MW-4 will show any level above the detection limits for TPH diesel and BTEX, then **MW-6 must be sampled** during that monitoring event.
- 3) Monitoring well MW-3 which is a cross-gradient well can be sampled **every six months** instead of every quarter.
- 4) The following target compounds must be incorporated in the monitoring program: TPH diesel, benzene, ethyl benzene, toluene, and xylene.
- 5) Groundwater elevation measurements must be performed in all the wells every quarter to establish groundwater gradient and flow direction at the site.

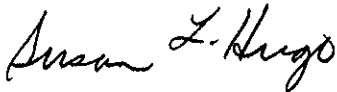
Mr. Dante Sambajon
RE: 722 Folger Avenue, Emeryville, CA 94608
June 2, 1994
Page 2 of 2

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 workplans:

- 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 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

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
Kevin Graves, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division - files
Jerriann Alexander, Subsurface Consultants, Inc.
171 12th Street, Suite 201
Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0596

November 5, 1993
STID# 1385

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. Dante Sambajon
Coulter Steel & Forge Company
1494 67th Street
P.O. Box 8008
Emeryville CA 94662- 0901

**RE: Work Plan for Additional Well Installation -
Supplemental Groundwater Investigation
Diesel Tank Area - 722 Folger Avenue
Emeryville, California 94608**

Dear Mr. Sambajon:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the Work Plan - Supplemental Groundwater Monitoring (October 4, 1993) prepared by Subsurface Consultants, Inc. for the referenced site.

Based on this review, the work plan is acceptable provided the following items are addressed:

- 1) Construction and placement of well MW-7 (upgradient well) must adhere to the requirements specified in "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", August, 1990. Monitoring well must be screened to intercept free floating product and accommodate seasonal water table fluctuations. Please submit a copy of the monitoring well construction diagram.
- 2) Soil samples from borings must be collected every five feet as per RWQCB's guidelines. Field instruments are acceptable as a screening tools only. Any evidence of soil contamination such as odor, visual staining or field instrument readings must be verified by analysis from a state certified laboratory.
- 3) The proposal to drop MW-4 and MW-5 in the sampling program is not acceptable at this time. All monitoring wells (MW-3, MW-4, MW-5, MW-6) including the slated MW-7 to be installed must be sampled in the next quarterly monitoring event for the following target compounds: TPH diesel, benzene, ethyl benzene, toluene, and xylene. Groundwater elevation readings must also be performed. These groundwater monitoring data will establish the baseline for future evaluation at the site. The next following quarterly monitoring event (2nd sampling event after the installation of MW-7) MW-4, MW-6 and MW-7 must be sampled for target compounds and groundwater level measurements must be conducted. If the result of MW-3 remains

Mr. Dante Sambajon
RE: 1494 67th Street, Emeryville, CA 94608
November 5, 1993
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to be non detect for target compounds, MW-3 can be drop from the sampling program. However, groundwater elevation readings must still be performed for this well to determine gradient flow direction. MW-4 must be sampled every quarter because of its close proximity to the former tank location (closest downgradient well). After two quarters of monitoring events, the data will be evaluated to determine future sampling protocol.

- 4) Please notify this office at least 48 hours in advance for the start up of work plan implementation so a site visit can be arranged by a representative from this office.

Item 1 must be submitted to this office no later than December 6, 1993.

This office gave verbal approval on October 13, 1993 to use the bioremediated stockpiled soil as backfill. The workplan must be implemented **within 60 days** of the date of this letter. A report must be submitted **within 30 days** after completion of this additional investigation. 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 workplans:

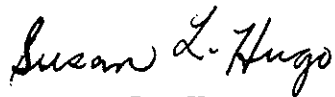
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or work plan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and 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 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

Mr. Dante Sambajon
RE: 1494 67th Street, Emeryville CA 94608
November 5, 1993
Page 3 of 3

- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

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
Rich Hiett, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division - files
Jerriann Alexander, Subsurface Consultants, Inc.
171 12th Street, Suite 201
Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0596

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 20, 1993
STID # 1385

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. Dante Sambajon
Coulter Steel and Forge Company
1494 67th Street
Emeryville, California 94608

**RE: Status of the Soil and Groundwater Investigation / Remediation
Remediation for Coulter Steel Plant 1494 67th Street
Emeryville, CA 94608**

Dear Mr. Sambajon:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the case file concerning the soil and groundwater investigation/remediation at the referenced site. We are in receipt of the following reports:

- * Clarification of SCI's Work Plan for Soil and Groundwater Investigation and Soil Remediation (April 13, 1992)
- * Hydrocarbon Contamination Assessment - Diesel Fuel Tank Area (August 7, 1992) prepared by SCI
- * Quarterly Groundwater Monitoring Sampling Event - August, 1992 (October 7, 1992) prepared by SCI
- * Analytical results of bioremediated stockpiled soil samples (October 26, 1993) submitted by SCI
- * Work Plan Addendum, Soil Remediation (November 24, 1992) prepared by SCI
- * Project Update, Soil Remediation and Groundwater Monitoring Event 3 (May 13, 1993) prepared by SCI
- * Quarterly Groundwater Monitoring Sampling Event - June 1993 (June 24, 1993) prepared by SCI

Based upon this review process, the following issues must be addressed before any modification of the groundwater monitoring program can be implemented :

- * Further characterization is required to completely define the extent of the site plume. The "zero isoconcentration line " must be determined. The upgradient well (MW5) had been detecting elevated levels of TPH diesel (1,300 ppb during the last monitoring event 6/8/93).
- * Sampling of all groundwater monitoring wells at the site **must occur every quarter** which is the maximum sampling interval typically allowed when groundwater contamination is present. Please adhere to the quarterly groundwater elevation readings and quarterly sampling for total

Mr. Dante Sambajon
RE: 1494 67th Street, Emeryville 94608
September 20, 1993
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petroleum hydrocarbon as diesel, benzene, ethyl benzene, toluene and xylene. Any modification to the monitoring program must have prior approval from this office.

- * Verification sample for treated stockpiled soil must occur at a rate of one soil sample for every 20 cubic yards if the treated soil will be redispersed back into the excavation pit. Reuse of treated soil to backfill the excavation must have prior approval from this office.

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 by this office). In addition, the following items must be incorporated in your future reports or workplans :

- 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 workplan
- 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 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

Your work plan to delineate the extent of both soil and groundwater contamination must be submitted to this office **no later than November 5, 1993.**

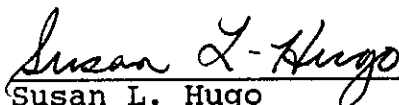
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project.

Mr. Dante Sambajon
RE: 1494 67th Street Emeryville 94608
September 20, 1993
Page 3 of 3

Please be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Should you have any questions concerning this letter, please contact me at (510) 271-4530.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Edgar B. Howell, Chief, Hazardous Materials Division / file
Gil Jensen, Alameda County District Attorney's Office
Rich Hiett, RWQCB, San Francisco Bay Region
Marianne Watada, Subsurface Consultants, Inc.
171 12th Street, Suite 201, Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0596

RAFAT A. SHAHID, Assistant Agency Director

April 6, 1992

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

Mr. John Wolfe
Subsurface Consultants
171- 12th Street, Suite 201
Oakland, CA 94607

RE: Work Plan - Soil and Groundwater Investigation/ Soil
Remediation for Coulter Steel Plant 1494 67th Street,
Emeryville, CA 94608

Dear Mr. Wolfe:

This letter is a follow-up to our conversation of April 1, 1992 regarding the investigation/ remediation work plan submitted for the referenced site. Our office has reviewed the "Work Plan Diesel Fuel Tank, Soil / Groundwater Investigation and Soil Remediation" dated March 5, 1992. Based on this review, the work plan is acceptable provided the following conditions are met:

- * Provide this office with more detailed information concerning the bioremediation process that will be implemented in treating the contaminated stockpiled soil (type of compost, literature/results that the bioremediation treatment is effective, etc.).
- * All stockpiled soil generated at the site must be properly dispose and fully documented.
- * Provide this office with a plan for prevention and containment of water run off during the bioremediation treatment process of contaminated stockpiled soil.
- * All applicable permit requirements from other regulatory agencies must be followed.
- * Verification sample for treated stockpiled soil must occur at a rate of one soil sample for every 20 cubic yards if the treated soil will be redispouse back into the excavation pit. Reuse of treated soil to backfill the excavation must have prior approval from this office.
- * A plan for the proposed extent of overexcavation must be submitted and approved by this office.

Mr. John Wolfe
RE: 1494 - 67th Street, Emeryville 94608
April 6, 1992
Page 2 of 2

- * The extent of groundwater contamination at the site must be determined. Groundwater contamination plumes must be defined to "non-detect" levels. Verified downgradient flow of groundwater must be established at the site. Monitoring wells must be installed according to RWQCB's guidelines. Please adhere to a monthly groundwater elevation reading and quarterly sampling for total petroleum hydrocarbon as diesel (TPHd) and benzene, toluene, xylene, ethyl benzene (BTXE) as the sampling protocol until further notice from this office.
- * Please submit a time schedule for all the phases involved until completion of this investigation/ remediation project.

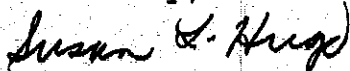
A report must be submitted within 30 days after completion of this investigation. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project. Copies of reports and proposals must also be submitted to:

Rich Hiatt
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California, 94612

Please be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Should you have any questions concerning this letter, please contact me at (510) 271-4530.

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
Rich Hiatt, RWQCB, San Francisco Bay Region
Dante Sambajon, Coulter Steel-1494 67th St. Emeryville 94608
Files