

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#985

July 23, 1997
STID# 4575

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

Mr. Albert Blazic
12 Altamount Drive
Orinda, California 94563

RE: Case Closure - Blazic Industrial Balancing
1016 West MacArthur Blvd., Oakland, California 94608

Dear Mr. Blazic:

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 three 550 gallon gasoline underground storage tanks (USTs) at the above referenced site.

Please be advised that the groundwater monitoring well (MW-1) 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: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Chief, Environmental Protection Division
Kevin Graves, San Francisco Bay RWQCB
SH / files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 985
RAFAT A. SHAHID, DIRECTOR

March 29, 1996
STID# 4575

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

Mr. Albert Blazic
12 Altamonte Drive
Orinda, California 94563

RE: Work Plan for Monitoring Well Installation and Quarterly
Groundwater Monitoring Program - Blazic Industrial Balancing,
1016 West MacArthur Boulevard, Oakland, California 94608

Dear Mr. Blazic:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the work plan for the installation of one monitoring well and quarterly groundwater monitoring program, dated February 28, 1996, prepared and submitted by Subsurface Consultant, Inc. for the above referenced site.

The work plan is acceptable to this agency and can be implemented provided the following items are addressed:

- 1) Please submit a site map citing the location of the proposed monitoring well.
- 2) A site health and safety plan shall be submitted to this office prior to implementing the work plan.
- 3) Methyl tertiary butyl ether (MTBE) should be analyzed in soil and groundwater samples in addition to TPH gasoline and BTEX.
- 4) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted to this agency within 45 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 professionals involved with the project.

If you have any questions concerning this letter, please call 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
William Rudolph, SCI- 171 21st St., Suite 201 Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0985

RAFAT A. SHAHID, Assistant Agency Director

March 30, 1995
STID# 4575

Mr. Albert Blazic
12 Altamonte Drive
Orinda, California 94563

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

RE: Work Plan - Soil and Groundwater Contamination Investigation
Blazic Industrial Balancing, 1016 West MacArthur Boulevard
Oakland, California 94608

Dear Mr. Blazic:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Work Plan - Soil and Groundwater Contamination Investigation dated March 27, 1995 and prepared by Subsurface Consultants, Inc. for the referenced site.

Based on this review, the work plan is acceptable to this agency and can be implemented 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 the boring must be from the saturated/unsaturated zone interface.
- 2) Any waste (hazardous or non hazardous) generated from this investigation shall be disposed appropriately. Documents of all waste disposal must be provided to this office.
- 3) A site health and safety plan shall be submitted to this office prior to implementing the work plan.
- 4) Applicable permits from other regulatory agencies must be followed.
- 5) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted to this agency within **45 days** after completion of this investigation. Until clean up 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,

Mr. Albert Blazic
RE: 1016 West MacArthur Blvd. Oakland, CA 94608
March 30, 1995
Page 2 of 2

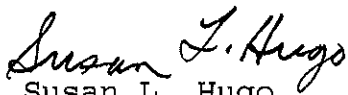
the following items must be incorporated in your future reports or work plans:

- 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

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.

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc:Rafat A. Shahid, Director, Environmental Health
Ariu Levi, Acting Chief, Environmental Protection Div. /files
Kevin Graves, San Francisco Bay RWQCB
William Rudolph, SCI- 171 21st St., Suite 201 Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R0985

RAFAT A. SHAHID, Assistant Agency Director

December 6, 1994
STID # 4575

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

Mr. Albert Blazic
51 Moraga Way
Orinda, California 94563

**RE: Underground Storage Tanks Removal
Blazic Industrial Balancing
1016 W. MacArthur Blvd., Oakland, California 94608**

Dear Mr. Blazic:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the case file concerning the removal of three 550 gallon underground storage tanks on August 23, 1993 at the referenced site.

The three former gasoline tanks were filled with sand in early 1970's with the approval of the Oakland Fire Department and had been out of service for approximately 35 years according to the March 7, 1994 letter written by Mrs. Blazic.

Soil samples collected from the bottom of the excavation at approximately 10 feet below ground surface (bgs) exhibited petroleum hydrocarbon contamination as high as 250 ppm TPH gasoline, 0.052 ppm benzene, 0.330 ppm toluene, 1.4 ppm ethyl benzene, and 3.3 ppm xylene. Limited overexcavation was conducted in December 20, 1993 and confirmation bottom soil samples collected from the two excavations at 14.5 feet to 15.5 feet bgs indicated levels of the following contaminants: 230-1900 ppm TPH gasoline, nd-1.6 ppm benzene, 0.18-5.2 ppm toluene, 0.62-31 ppm ethyl benzene, 1.2-120 ppm xylene. Confirmation sidewall samples were also collected from the two excavation pits at 12 feet bgs and showed nd-45 ppm TPH gasoline, nd benzene, 0.005-0.18 ppm toluene, nd-0.12 ppm ethyl benzene, nd-0.24 ppm xylene.

Based on the review of the data collected to date, the following issues must be addressed before the case can be evaluated for closure:

- 1) The vertical and lateral extent of soil and/or groundwater contamination must be characterized.
- 2) The threat and/or impact to groundwater of the former tank releases must be investigated.

A workplan must be submitted to this office **no later than January 31, 1995**. The workplan must address the two items mentioned above and clarify if any samples were collected in the piping trenches and the former pump island. Enclosed is a copy of the RWQCB's

Mr. Albert Blazic
RE: 1016 W. MacArthur Blvd., Oakland, CA 94608
December 6, 1994
Page 2 of 2

guideline (Appendix A - Workplan for Initial Subsurface Investigation, August 20, 1991) for your reference.

As I have discussed during our on-site meeting (together with Mrs. Blazic and Mr. Jim Blazic) last August 26, 1994, soil borings maybe used to determine the extent of soil contamination. One of the soil borings must be located within ten feet of the former tank excavation in the verified downgradient location. Data from grab groundwater samples collected properly from the borings can be used to indicate if groundwater was impacted from the former tank releases. Both the soil and groundwater samples must be analyzed for the following target compounds: TPH gasoline, benzene, toluene, ethyl benzene and xylene.

The result of this phase of the site investigation will determine if additional work will be required or the site can be recommended for case closure.

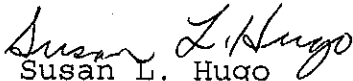
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project.

Enclosed is a copy of the Underground Storage Tank/Unauthorized Release (Leak)/Contamination Report which must be completed and submitted to this office within five working days upon receipt of this letter. I have also enclosed an application package for the Petroleum Underground Storage Tank Cleanup Fund for your reference.

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.

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

Enclosures

cc: Rafat A. Shahid, Director, Environmental Health
Edgar B. Howell, Chief, Environmental Protection Div. / file
Kevin Graves, RWQCB, San Francisco Bay Region