

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro#713

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

May 21, 1998
StID # 54

Mr. Thurman Rosefield
3129 Elmwood Ave.
Oakland CA 94601

RE: AN-FO Manufacturing, 3129 Elmwood Ave., Oakland CA 94601

Dear Mr. Rosefield:

This letter serves to inform you than our office has received Regional Water Quality Control Board (RWQCB) concurrence for site closure in regards to the underground fuel leak from the four 1,000 gallon kerosene tanks at the above referenced site. Prior to issuing a closure letter, our office requests the proper closure of the three monitoring wells at this site.

Please contact Alameda County Public Works, Mr. Andreas Godfrey, at (510) 670-5575 for the well closure permit.

I may be reached at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files

Mr. R. Kitay, Aqua Science Engineers, Inc., 2411 Old Crow
Canyon Rd., #4, San Ramon, CA 94583

Wlc13129

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0713

January 16, 1997
StID # 54

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

AN-FO Manufacturing Co.
Mr. Thurmond Rosefield
3129 Elmwood Ave.
Oakland CA 94601

Re: 3129 Elmwood Ave., Oakland CA 94601, AN-FO Manufacturing Co.

Dear Mr. Rosefield:

Our office has received and reviewed the December 30, 1996 Soil and Groundwater Assessment report prepared by Aqua Science Engineers (ASE). This report details the installation of three monitoring wells and the chemical analysis of soil and groundwater samples from these wells. The results did not detect petroleum hydrocarbon contamination in soil samples but did detect dissolved hydrocarbon in the diesel and kerosene range in all three wells. At this time, our office recommends continued quarterly groundwater monitoring for the prior analytes; TPHd, TPHk and BTEX. You may eliminate MTBE from your analyses.

After additional quarterly monitoring, our office will examine whether the petroleum contamination has equilibrated or whether further delineation is necessary.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Mr. Robery Kitay, ASE, Inc., 2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583

G. Coleman, files

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

20713

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

August 30, 1996
StID # 54

AN-FO Manufacturing Co.
Mr. Thurmond Rosefield
3129 Elmwood Ave.
Oakland CA 94601

Re: 3129 Elmwood Ave., Oakland CA 94601, AN-FO Manufacturing Co.

Dear Mr. Rosefield:

Our office has received and reviewed the July 29, 1996 Soil and Groundwater Assessment report prepared by Aqua Science Engineers (ASE). This report details the advancement of five (5) temporary borings on and offsite around the four former underground storage tanks and gives analytical result for both soil and groundwater samples. These results indicate limited kerosene contamination in the soil, however, elevated kerosene levels were found in grab water samples from borings BH-A and BH-E, located in the presumed downgradient direction.

This report recommends that our office consider this site for closure. Please be informed that at a minimum, a groundwater investigation will be required at this site. Pursuant to the Regional Water Quality Control Board's (RWQCB) **Supplemental Instructions to the State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites**, the recommended management strategy for a low risk groundwater site is passive bioremediation and monitoring to verify the this remediation approach.

The low risk groundwater case requires:

1. The stoppage of the leak through source removal or remediation;
2. Adequate site characterization;
3. Non-migration of the hydrocarbon plume;
4. No impact to drinking water wells or other sensitive receptors; and
5. No risk to human health or the environment.

At this time, it is uncertain whether all of the above items have been shown to exist. Even should this be the case, the recommended remedial approach is groundwater monitoring and passive bioremediation. Therefore, at this time, you are requested to submit **within 30 days or by September 30, 1996** a work plan for the installation of monitoring wells. The number

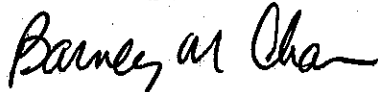
AN-FO Manufacturing Co.
3129 Elmwood Ave.
StID # 54
August 30, 1996
Page 2.

and exact locations of these wells must adequately characterize the site and verify site specific groundwater gradient.

Based upon the results of groundwater monitoring, ou should then determine if all of the above low risk criteria are met. If they are not met, active remediation may be required.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: Mr. Robery Kitay, ASE, Inc., 2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583
G. Coleman, files

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

20713

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

September 24, 1996
StID # 54

AN-FO Manufacturing Co.
Mr. Thurmond Rosefield
3129 Elmwood Ave.
Oakland CA 94601

**Re: Workplan Approval for Monitoring Well Installation at 3129
Elmwood Ave., Oakland CA 94601, AN-FO Manufacturing Co.**

Dear Mr. Rosefield:

Our office has received and reviewed the September 18, 1996 workplan for **Soil and Groundwater Assessment** for the above site prepared by Aqua Science Engineers (ASE). This workplan calls for the installation of three monitoring wells; one onsite and two offsite to investigate the petroleum hydrocarbon release from the four former underground storage tanks. Both soil and groundwater samples will be taken and analyzed for TPH as diesel and as kerosene, BTEX and MTBE.

This workplan is acceptable on the condition that at you inform our office **48 working hours prior to the field work.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Mr. Robert Kitay, ASE, Inc., 2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583

B. Chan, files

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

20713

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

July 5, 1996
StID # 54

AN-FO Manufacturing Co.
Mr. Thurmond Rosefield
3129 Elmwood Ave.
Oakland CA 94601

Re: Workplan for Soil and Groundwater Assessment at 3129 Elmwood Ave., Oakland CA 94601, AN-FO Manufacturing Co.

Dear Mr. Rosefield:

Our office has received and reviewed the June 27, 1996 workplan referenced above prepared by Aqua Science Engineers (ASE). This workplan calls for the advancement of five (5) temporary borings on and offsite around the four former underground storage tanks. Both soil and groundwater samples will be taken from the borings. These samples would be analyzed for Total Petroleum Hydrocarbons as diesel, as kerosene, BTEX and MTBE.

This workplan is acceptable on the condition that at least one of the borings be continuously logged in order to determine the subsurface geology. This may be done using an acetate tube within a Geoprobe boring.

Please contact our office **48 working hours prior to the field work** so I may arrange to be onsite if possible. I understand this work is tentatively scheduled for July 11, 1996. Please call to confirm.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Mr. Robery Kitay, ASE, Inc., 2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583

G. Coleman, files

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ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

Ro# 713

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

May 21, 1996
StID # 54

AN-FO Manufacturing Co.
Mr. Thurmond Rosefield
3129 Elmwood Ave.
Oakland CA 94601

Re: AN-FO Manufacturing Company, 3129 Elmwood Ave., Oakland 94601

Dear Mr. Rosefield:

Our office has received and reviewed analytical results from soil samples taken after the removal of the four (4) 1,000 gallon underground fuel tanks at the above site. These results were transmitted to us by Aqua Science Engineers, your contractor. Based on these results, it is apparent that this site has experienced a release of petroleum contamination, the extent of which, must be determined and potentially remediated.

Your site has, therefore, been transferred to the Local Oversight Program (LOP), within Alameda County Environmental Health, Hazardous Materials Division. Our office has been delegated by the Regional Water Quality Control Board (RWQCB), to be the local agency which will oversee such releases to soil and/or groundwater. A Notice of Requirement to Reimburse (NORR) letter has recently been sent to your attention informing you of this administrative action.

The analytical results support my observations during the tank removals. Clear indication of failure of the underground tanks (obvious holes in tanks), odorous soils and floating petroleum product upon the water within the excavation pit corroborate the fact that there has been a release of petroleum at this site. Additionally, it appears that these tanks likely had contained kerosene fuel based on the analytical results.

You are, therefore, requested to provide a work plan to determine the extent of the petroleum contamination in both soil and groundwater. As an initial step, our office recommends the use of a temporary rapid site assessment tool such as the Geoprobe, Hydropunch, Cone Penetrometer et al. These tools will enable you to quickly determine the extent and magnitude of the contamination. After this information is obtained, permanent monitoring well(s) may be required.

Please submit your work plan for site assessment to our office within 30 days or by June 24, 1996.

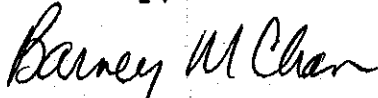
Mr. Thurmond J. Rosefield
AN-FO Manufacturing
3129 Elmwood Ave.
StID #54
Page 2.

Enclosed you will also find an Underground Storage Tank
Unauthorized Release Report. Please have this form filled out
and returned to this office within 10 days of receipt.

This is a formal request for technical reports pursuant to both
the Water Code and the California Health and Safety Code.
Failure to submit the requested reports may subject AN-Fo
Manufacturing to civil liability.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

enclosure

c: Mr. Scott Ferriman, ASE, Inc., 2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583

G. Coleman, files

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