

ALAMEDA COUNTY ENVIRONMENTAL
HEALTH DEPARTMENT

ENVIRONMENTAL PROTECTION DIVISION
1131 Harbor Bay Parkway, Suite #250
Alameda, CA 94502-6577
Telephone (510) 567-6700
Fax Number (510) 337-9335

FAX COVER SHEET

DATE: April 7, 19 95

TO: Robert Tracy
ASE

FAX # (510) 837-4883

Total number of pages including cover sheet 2

FROM: Susan Zugo
ACDEH

(SMILE) have a nice day.
DO SOMETHING FOR OUR ENVIRONMENT.

LOP - RECORD CHANGE REQUEST FORM

printed:
03/07/95

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: SH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3717 LOC:
 SITE NAME: Kite Makers DATE REPORTED : 07/19/90
 ADDRESS : 5813 Fremont St DATE CONFIRMED: 07/19/90
 CITY/ZIP : Oakland 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE: 2B5 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 07/07/92
 PRELIMINARY ASMNT: C DATE UNDERWAY: 07/12/90 DATE COMPLETED: 12/20/94
 REM INVESTIGATION: C DATE UNDERWAY: 07/12/90 DATE COMPLETED: 12/20/94
 REMEDIAL ACTION: C DATE UNDERWAY: 07/12/90 DATE COMPLETED: 12/20/94
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 07/07/92
 LUFT FIELD MANUAL CONSID: 3HSCAG
 CASE CLOSED: Y DATE CASE CLOSED: 02/28/95
 DATE EXCAVATION STARTED : 07/12/90 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Ralph Tondre
 COMPANY NAME: 882 Portal Avenue
 ADDRESS: Oakland, California 94610
 CITY/STATE:

INSPECTOR VERIFICATION:

NAME _____	SIGNATURE _____	DATE _____
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DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANPPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

purpose. This section will briefly describe the most common strategies, along with the implications for laboratory analysis. The reader should consult SW-846 (EPA, 1986) for more detail on the sampling strategies.

3.1.2.1. Authoritative Sampling.

In authoritative, or biased sampling, the person collecting the sample decides on the sampling locations, generally to find the area of highest contamination. In a number of situations, this is the strategy of choice to determine the highest possible potential human or environmental exposure or to determine whether more extensive sampling is warranted. This strategy requires the fewest samples and provides the least negative data. Authoritative sampling, however, does not provide representative samples, and statistical inference cannot generally be made from the results.

3.1.2.2. Random Sampling.

Random sampling allows statistical inferences to be made about the entire waste. For example, the mean and variance for the concentration of a substance, and a confidence interval which contains the true concentration, at a given level of confidence. Random sampling may be simple, stratified, or systematic. All three strategies for random sampling involve placing a grid over a map of the area to be sampled. Different strategies involve sampling from different parts of the grid.

1) Simple Random Sampling

Appendix B discusses simple random sampling, as well as the other procedures in this section. Under this strategy, the sampling and analysis of all samples should be identical so that bias is minimized. Simple random sampling involves placing one grid over a map of the entire area and randomly choosing grid cells to sample. This method results in one mean concentration for the entire area.

2) Stratified Random Sampling

The sampling and analytical procedures for stratified sampling are generally the same as for simple random sampling, although the evaluation of the data is different. In stratified sampling, the data within strata, e.g., areas with contamination, are summarized, and then the results for the strata are combined. In stratified sampling, the area is divided into different strata based on previous knowledge of

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

December 13, 1994
STID# 3717

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

Ms. Valerie Cook
51 Moraga Way
Orinda, California 94563

RE: **Workplan for Environmental Site Assessment at
Kite Makers - 5813 Fremont, Oakland, California 94608**

Dear Ms. Cook:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the Workplan for Environmental Site Assessment (December 8, 1994) prepared and submitted by Aqua Science Engineers Inc. for the referenced site.

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

- 1) Soil samples from the boring 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. At a minimum, one soil sample must be collected preferably at the soil/water interface for laboratory analysis.
- 2) Applicable permits from other regulatory agencies must be followed.
- 3) Drilling is tentatively scheduled for December 19, 1994. Please notify this office 48 hours in advance for any change in schedule so a site visit can be arranged by a representative from this office.

A report must be submitted within **45 days** after completion of this 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 workplan

Ms. Valerie Cook
RE: 5813 Fremont Street, Oakland, CA 94608
December 13, 1994
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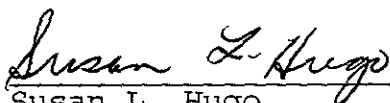
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the 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

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 workplan must be confirmed in writing and approved by this agency.

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Environmental Protection Div./ files
Robert Kitay, ASE - 2411 Old Crow Canyon Road #4
San Ramon, California 94583

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

11/17/94

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: SH
 StID: 3717 SUBSTANCE: 8006619 -Gasoline
 SITE NAME: Kite Makers DATE REPORTED : 07/19/90
 ADDRESS : 5813 Fremont St DATE CONFIRMED: 07/19/90
 CITY/ZIP : Oakland, CA 94608 MULTIPLE RP's : N

CASE TYPE: S CONTRACT STATUS: 4 PRIOR:-0- EMERGENCY RESPONSE: -0-

RP SEARCH	: S	DATE END:	07/07/92
PRELIM ASSESSMENT	: -	DATE BEGIN:	-0-
REMEDIAL INVESTIG	: -	DATE BEGIN:	-0-
REMEDIAL ACTION	: -	DATE BEGIN:	-0-
POST REMED MONITOR	: -	DATE BEGIN:	-0-
		DATE END:	-0-

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 07/07/92

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: -0- CASE CLOSED: - on: -0-

DT EXC START: -0- REMEDIAL ACTIONS TAKEN: -0-

RP #1: CONTACT: Mr. Ralph Tondre RP COST: -0-
 RP COMPANY NAME: 882 Portal Avenue Ph: -0-
 ADDRESS: Oakland, California 94610
 CITY/STATE: -0-

ΔGrMENT:

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 14, 1994
STID # 3717

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

Ms. Valerie Cook
51 Moraga Way
Orinda, California 94563

**RE: Underground Storage Tank Removal at the Kite Makers
5813 Fremont Street, Oakland, California 94608**

Dear Ms. Cook:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the case file concerning the removal of an underground storage tank (one-250 gallon waste oil) on July 12, 1990 at the referenced site.

A soil sample collected at 7.5 feet bgs during the removal of the former tank showed 180 ppm TPH gasoline, 0.1 ppm benzene, 0.11 ppm toluene, 0.16 ppm ethyl benzene and 0.87 ppm xylene. TPH diesel, total oil and grease, chlorinated solvents by 8010, semi-volatiles by 8270 were all non detect in the soil matrix. Limited overexcavation was conducted on October 2, 1990. Confirmation sidewall samples were collected and all target compounds were non detect with the exception of the westwall sample showing TPH gasoline at 16 ppm and xylene at 5.6 ppb. It appeared that groundwater was present in the excavation at 7.5 feet depth. However, no water sample was collected.

Based on the review of the data collected to date, the threat and/or impact to groundwater of the former tank release at the site must be investigated before the case can be closed. You may address this issue by advancing a boring within ten feet of the former tank area in the verified downgradient direction. At a minimum, one soil sample must be collected preferably at the soil/groundwater interface. Additionally, a groundwater sample shall be collected using the hydropunch technique. Both the soil and groundwater samples must be analyzed for the following target compounds: TPH gasoline, TPH diesel, total oil and grease, benzene, toluene, ethyl benzene and xylene.

A work plan addressing all the items mentioned above must be submitted to this office **no later than December 31, 1994.** 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.


Ms. Valerie Cook
RE: 5813 Fremont Street, Oakland, CA 94608
November 14, 1994
Page 2 of 2

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.

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

cc: Rafat A. Shahid, Director, Environmental Health
Edgar B. Howell, Chief, Environmental Protection Div. / file
Kevin Graves, RWQCB, San Francisco Bay Region
Robert Kitay, A S E - 2500 Old Crow Canyon Rd. # 121
San Ramon, California 94583