

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R02719

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

September 30, 1995

Mr. John Rusmisl
Alameda County Mosquito Abatement District
23187 Connecticut Street
Hayward, CA - 94545

Ref: 33611 Tenth Street, Union City, CA

Dear Mr. Rusmisl:

I am in receipt of the document, "Work Plan Addendum" dated September 22, 1995, detailing the investigation and subsequent remediation to be conducted in the referenced property. This Department in conjunction with the Alameda County Water District concurs with your remediation plan to remediate soils with concentrations above the EPA's preliminary remediation goals. However the following changes/additions need to be incorporated in your remediation plan:

1. Samples S4 and S7 should be collected at 5 ft instead of 2ft.
2. Since DDT does not have an MCL (maximum contaminant level) a risk based number of 0.195 ppb derived from the slope factor of DDT was established to assess potential impacts to groundwater. However, this risk number does not take into account other factors like detection limit, feasibility etc that go into deriving the maximum contaminant levels (MCL). Applicable confirmation soil samples (collected from soils that are to be left in place) should be tested using the EPA's Modified TCLP (using de-ionized water) and the results of the leachate test should then be compared to 19.5 ppb which is the result of applying a dilution-attenuation factor of 100 to the established risk number of 0.195 ppb. This method has been recommended by the staff toxicologist, Ravi Arulanantham of the San Francisco Regional Water Quality Control Board. Please note that only the confirmation soil samples that have concentrations that exceed 10 times the 19.5 ppb level are required to be tested using the TCLP method.

Please notify the concerned regulatory agencies prior to initiating any field work. If you have any questions, call me at (510) 567-6764

Sincerely,

Madhulla Logan
Madhulla Logan,
Hazardous Material Specialist

CC: **Luisa Sangines**, Alameda County Water District, 43885 South Grimmer Blvd,
Fremont, CA - 94537
Joseph Niland & John Menke, Dames and Moore, 8801 Folsom Blvd, St #200,
Sacramento, CA - 95826
Ravi Arulanantham, San Francisco Regional Water Quality Control Board,
Oakland, CA
Jay Swardenski, Union City Fire Department, 34009 Alvarado Niles Road,
Union City, CA - 94587

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R02719

RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

August 3, 1995

John Rusmisl
Alameda County Mosquito Abatement District
23187 Connecticut Street
Hayward, CA - 94545

Ref: 33611 Tenth Street, Union City, CA

Dear Mr. Rusmisl:

I have received your document dated July 10, 1995 which includes the soil and groundwater sampling results for the site located at the above referenced address. The document has been reviewed in conjunction with the Alameda County Water District and a workplan should be submitted considering the following issues:

1. The laboratory results for the some of the soil samples indicate concentrations of DDT and dieldrin above the EPA Region 9 Preliminary Remediation Goals (PRG). However most of the contamination was found in the shallow surface soils below a depth of 2.5 feet. Based on the soil sample results, soil remediation is required on the property and a mitigation plan should be included as part of your workplan. This Department recommends that the soil be excavated until the results of the verification soil samples indicate that the cleanup level has been met.
2. The final verification samples should be tested using the Title 22 waste extraction test (WET) procedures. The sample results will be compared with the Title 22 Soluble Threshold Limit Concentration (STLC) or the Maximum Contamination Level (MCL) to evaluate the leaching potential of DDT and dieldrin in the site soils.

Once the remediation is completed and the cleanup levels have been met, the monitoring wells can be installed in locations proposed in your report. Please make sure that Monitoring well MW-3 is downgradient to the SB-3 location where high concentrations of DDT was found. The workplan should be submitted within 30 days from the receipt of this letter. If you have any questions, call me at (510) 567-6764.

Sincerely,


Madhulla Logan
Hazardous Material Specialist

CC: **Luisa Sangines**, 53885 South Grimmer Blvd, Fremont,
CA - 94537
Joseph Niland & John Menke, Dames and Moore, 8801 Folsom
Blvd, St #200, Sacramento, CA - 95826

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02719

RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY 430-453
HEALTH CARE SERVICES
DEPT. OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PKWY 2ND FLOOR
ALAMEDA CA 94502-6577

February 02, 1995

ATTN: John Rusmisl

Alco Mosquito Abatement
23187 Connecticut St
Hayward CA 94545

RE: Project # 2758A - M
at 33611 10th St in Union City 94587

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 \$2,000.00, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact Madhulla Logan at (510) 567-6700.

Sincerely,

Edgar B Howell III, Chief
Hazardous Materials Division

c: files/inspector

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO# 2719

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

CERTIFIED MAILER # Z 196 176 764

January 30, 1995

John Rusmisel
Alameda County Mosquito Abatement District
23187 Connecticut Street
Hayward, CA - 94545

Ref: 33611 Tenth Street, Union City, CA

Dear Mr. Rusmisel:

I am in receipt of the Workplan dated January 12, 1995 which includes additional site investigation to be done on the referenced property. This workplan has been reviewed by this Department in conjunction with the Alameda County Water District and the following issues have been identified:

1. Please provide information on environmental fate, and toxicology of Dalapon and MCPP.
2. Based on the previous sample results, the soil boring locations need to be re-arranged and 3 additional borings would be required as depicted in the attached copy of the sample location map, to better characterize the contamination.
3. The sampling plan proposes to initially analyze the first two samples collected i.e. at 2.5 ft and 5.0 ft from each boring. Since previous laboratory results have indicated the presence of contamination in samples collected from greater depths while shallow samples collected from the same location had non-detect concentrations, it would be necessary to also include the 10 feet sample from each boring for the initial analysis. This Department concurs with your plan to hold the rest of the samples and analyze them based on the initial sample results. Also the PRG's (preliminary remediation goals) for a "residential scenario" i.e. 2.5 ppm (based on February 1, 1994 publication) can be used as a screening level for DDT.
4. Since there is a greater possibility of detecting pesticides in the shallower soil samples, shallow soil samples should be collected 6 inches below grade from each of the sample locations for pesticide analysis.
5. If samples collected from the proposed borings indicate contamination higher than the PRG values, then additional borings have to be installed to delineate the contamination laterally.

6. Please mention any information you have about the existence of former/current pipes leading from the tank, sump or storage shed areas and include additional samples that may be required in these areas based on past usage.

7. The locations for the monitoring wells will be evaluated later based on the initial soil and insitu groundwater results. Also a more detailed remediation/risk evaluation plan should be submitted to this Department after the completion of the initial soil and groundwater characterization. if the scope of work involves conducting a risk assessment, prior agreement should be made with this Department as to the exposure scenario's, assumptions, exposure parameters, fate and transport models etc., that will be used in this risk assessment.

Please submit a revised workplan within 30 days incorporating the above mentioned issues. Please make sure to include a scaled sample location map depicting the new boring locations. If you have any questions, call me at (510) 567-6764.

Sincerely,



Madhulla Logan
Hazardous Materials Specialist

CC: Ted Trenholme, Alameda County Water District
Chris Boykins, City of Union City
Joseph Niland, Dames and Moore, 8801 Folsom Blvd, St #200,
Sacramento, CA - 95826

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R02719

DEPARTMENT OF ENVIRONMENTAL HEALTH (Union City)
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

September 6, 1989

Dear Developer:

It has been brought to our attention you are intending to develop property in Union City. Should the property be contaminated with hazardous waste, it will be referred to our office for handling as an environmental investigation/remediation case. Under the authority of the Hazardous Waste Control Laws of the Health and Safety Code and the California Code of Regulations Title 22, we will at that time require you to submit a Plan of Correction. The Plan shall at least include the following items:

- 1) A complete site ownership and use history. This shall include for all site uses information on the materials, chemicals and processes used, the wastes produced, the waste handling practices, and to-scale diagrams showing buildings, process locations, maintenance areas, chemical and waste storage areas (including tanks and sumps), wells, etc.;
- 2) Complete copies of all environmental reports prepared for the property. These reports shall include copies of all analytical results;
- 3) A proposal to identify and sample potentially contaminated areas, to determine the vertical and lateral extent of known contamination, and to collect any background samples. The proposal shall identify the sample analyses and the California State Certified Laboratory to be used. The analytical methods shall be chosen based on information assembled for items 1) and 2) above;
- 4) A statement indicating when a contaminant risk assessment and any contaminant remediation recommendations will be made; and
- 5) A deposit, payable to Alameda County, to be used toward our time spent handling the case.

The environmental investigation/remediation process can be lengthy. To avoid any delays, we urge you to begin Plan preparation as soon as site contamination is confirmed. Should you have any questions or concerns during the environmental investigation process, please feel free to contact us at (415) 271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Rafat A. Shahid".

Rafat A. Shahid, Chief,
Hazardous Materials Division



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
800 Grand Way, Room 1100
Oakland, CA 94612
(415) 271-4320

September 6, 1989

Danielle Stefani, Manager
Union City Hazardous Materials Program
34009 Alvarado-Niles Road
Union City, California 94587

Re: Letter for Developers of Sites in Union City

Dear Danielle,

Per our meeting of August 29, 1989, we have drafted a letter to be distributed to builders and developers as part of Union City's permit application package. This letter informs developers of our requirements for investigations of sites contaminated with hazardous waste. For your convenience, 20 copies of this letter are enclosed. Should you have any questions or comments, please do not hesitate to contact us. We thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Rafat A. Shahid".

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:kac

enclosures

cc with enclosure:

Dave Duncan, Union City Fire Department
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Katherine Chesick, Alameda County Hazardous Materials Division
Files