

ALAMEDA COUNTY
HEALTH CARE SERVICES



August 12, 1997 AGENCY
DAVID J. KEARS, Agency Director

RO#2708

Jim Ordons
The Remediation Group, Inc
7036 Balsam Way, Suite 100
Oakland, CA - 94611

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

Ref: 33103 Union City Boulevard, Union City, CA (property adjacent to the former Turk Island Landfill)

Dear Mr. Ordons:

I am in receipt of the modified work plan, dated August 7, 1997, prepared by The Remediation Group, Inc. for the above referenced project. According to the modified work plan, the slag material is to be encapsulated under roadway areas rather than being placed under the park as previously proposed.

Based on the information submitted to this Department, the work plan is acceptable. However, as mentioned in the letter, dated February 27, 1997 from this Department, a health and safety plan and a risk management plan needs to be submitted within 30 days from the date of this letter. Information in the risk management plan should be recorded in the property deed. No work should be conducted on the property prior to submitting the risk management plan or the health and safety plan to this Department.

The risk management plan at a minimum should include at a minimum the following information.

- * The extent of the contamination (in the slag fill), present on the property
- * Methods to mitigate exposure to public, like encapsulating the slag material, avoid installing borings, wells, etc. that could act as vertical conduits to groundwater, etc.
- * Health and safety measures to be used to protect workers during any future construction activities.
- * A map showing the final destination of the slag material.

Please notify this Department prior to initiating any field activities. If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Madhulla Logan
Hazardous Material Specialist

C: Jay Swardenski, Union City Fire Department, 34009 Alvarado Niles Road, Union City, CA - 94587
Karen Moroz, Alameda County Office of Solid and Medical Waste Management

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 2708

February 27, 1997

Mr. Chris Jennings
The Remediation Group, Inc
7036 Balsam Way, Suite 100
Oakland, CA - 94611

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

Ref: 33103 Union City Boulevard, Union City, CA (property adjacent to the former Turk Island Landfill)

Dear Mr. Jennings:

I am in receipt of the documents, dated October 15, 1996 and December 9, 1996 and a letter dated February 25, 1997, prepared by Remediation Group, Inc for the above referenced site. These reports describe the nature of the slag fill, the chemical constituents identified in the fill material, and the methodology that will be used to cap the slag material in the referenced site, where a single-family-home development has been proposed.

The laboratory results of the slag material samples indicate the presence of metals, which are below the Title 22, Total Threshold Limit Concentrations (TTLC). However, some of the chemicals are in concentrations above the Federal EPA's Preliminary Remediation Goals (PRGS). Hence this Department required that the slag material be appropriately capped by using proper risk management practices.

Based on the information submitted, the proposal includes encapsulating the slag material with a minimum of one feet of engineered clay both below and above the slag soil. In addition, the plan includes adding several feet of imported soil above the 1 feet of engineered clay to raise the existing grade from 5 feet MSL to 8.5 feet MSL.

This department approves the plan to cap the slag material with the following additional requirements:

1. Once the slag has been capped as proposed. a risk management plan that is acceptable to this Department needs to be submitted. This risk management plan should include at a minimum the following information:
 - the extent of the contamination present on the property and methods used to mitigate any potential negative impacts posed by any residual contamination on site, like capping the site, using liners, barriers etc.
 - strategy to address any risk posed to the future construction workers etc. during earth moving activities, etc.
 - precautions to avoid making vertical or lateral conduits like wells, drainage lines,

water supply lines, etc that may cause cross contamination between the shallow and deeper aquifers.

- a map showing the final location of the slag fill material (location after encapsulation) in relation to the residential development.
2. The risk management plan should be included as part of this deed and proof of recording the deed should be submitted to the department.

This Department should be notified prior to initiating the actual field work. If you have any questions, you may reach me at (510) 567-6764.

Sincerely,


Madhulla Logan
Hazardous Material Specialist

C: **Karen Moroz**, Alameda County Office of Solid and Medical Waste Management,
Alameda, CA

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 2708

February 27, 1996

Mr. Chris Jennings
The Remediation Group, Inc
7036 Balsam Way, Suite 100
Oakland, CA - 94611

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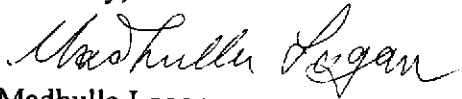
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Sincerely,



Madhulla Logan
Hazardous Material Specialist

C: **Karen Moroz**, Alameda County Office of Solid and Medical Waste Management,
Alameda, CA

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEADS, Agency Director



R02908

DEPARTMENT OF ENVIRONMENTAL HEALTH (Union City)
Hazardous Materials Program
800 Swan Way, Rm. 100
Oakland, CA 94621
(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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ROJ708

DEPARTMENT OF ENVIRONMENTAL HEALTH
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,

Rafat A. Shahid, Chief,
Hazardous Materials Division