

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0898

RAFAT A. SHAHID, Director

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

StId #1839

September 7, 1995

Ms. Sheila Johnson
Central Valley Regional Water Quality Control Board
3443 Routier Rd., Suite A
Sacramento CA 95827

Subject: LOP Case located at Altamont Landfill, 10840 Altamont Pass Road, Livermore,
CA 94550

Dear Ms. Johnson:

Per our telephone conversation on September 7, 1995, please find attached the information that you requested for the subject site:

1. Copy of ULR
2. Copy of Tank Removal and Soil Excavation Report (March 1990)
3. Summary of analyses of groundwater sampling from 1/1/93-3/22/95 for "monitoring wells located upgradient and downgradient of the former diesel tanks and the groundwater interceptor trench GWIB.
4. Letter from Bill Gilmour, the RP contact for Altamont Landfill, regarding site situation in regard to groundwater monitoring in the vicinity of the former diesel tanks.

Please call me at (510)567-6755 if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Amy Leech".

Amy Leech
Hazardous Materials Specialist

ATTACHMENTS

c: Acting Chief of Environmental Protection - File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
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DAVID J. KEARS, Agency Director



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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

May 17, 1995

Beth Thayer
Central Valley Regional Water Quality Control Board
3443 Routier Rd. Suite A
Sacramento CA 95827

Dear Ms. Thayer:

Attached is a Case Closure Summary for your review and approval for the Altamont Landfill located at 10840 Altamont Pass Rd., Livermore, CA 94550.

Based on my conversations with Steven Rosenbaum and Gordon Boggs of your office, further soil and groundwater investigations in the vicinity of the former diesel UST pit at this site is not warranted since the tank pit is located in a leachate recovery area of the landfill and groundwater in this area is monitored on a quarterly basis.

Please contact me at (510)567-6755 if you have questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Amy Leech".

Amy Leech
Hazardous Material Specialist

ATTACHMENT

c: Acting Chief of Environmental Protection - File (ALL)

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

April 19, 1995

StId 1839

Bill Gilmour
Waste Management of Alameda County, Inc.
10840 Altamont Pass Rd
Livermore CA 94550

Subject: Former site of diesel underground storage tanks at
10840 Altamont Pass Rd., Livermore, CA 94550

Dear Mr. Gilmour:

This office is in receipt of a fax transmittal from you dated March 31, 1995. Included with this transmittal was a letter from your laboratory, WMX Environmental Monitoring Laboratories, Inc., which indicated that no impact to groundwater by diesel fuel has been detected in both upgradient and downgradient groundwater monitoring locations from the former diesel underground storage tank site.

As you know, this office is in the process of reviewing your case for final closure in lieu of requiring Waste Management of Alameda County, Inc. to complete the traditional Preliminary Site Assessment work, which was outlined to you in our letter dated January 17, 1995, for the following reasons:

- o Per my discussions with you and Steve Rosenbaum with the Central Valley Regional Water Quality Control Board (RWQCB), the location of the former diesel tanks is within a leachate recovery area (i.e. a non-compliance area in regard to water quality standards) of the landfill. According to you, the compliance point set by the Central Valley RWQCB for water quality is located approximately 400 feet downgradient from the former diesel tank pit after a groundwater interceptor trench.
- o Groundwater collected from monitoring locations downgradient of the former tank pit have been routinely analyzed for the contaminants of concern, i.e. TPHd and BTEX, since the tanks were removed in January 1990.
- o Groundwater gradient is well established in this location.

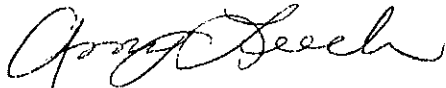
In order for us to document this information to the file, we need the following additional information:

Gilmour
Altamont Landfill
April 19, 1995
Page 2 of 2

1. The method(s) and detection limits used to analyze the groundwater samples for VOCs and semi-volatiles from the locations indicated in WMX Environmental Monitoring Laboratories, Inc.'s letter.
2. How frequently groundwater gradient is determined and how frequently groundwater sampling has occurred and will occur in this area.
3. The dates and/or time period for which groundwater analyses were reviewed by WMX Environmental Monitoring Laboratories, Inc. to determine that there is no evidence of impact to groundwater in regard to diesel fuel.

Thank you for your assistance with this matter. Please call me at (510)567-6755 if you have questions. I will be out of the office April 24 - 28.

Sincerely,



Amy Leech
Hazardous Materials Specialist

c: Office of Solid/Medical Waste Management
Acting Chief of Environmental Protection - File (ALL)



January 23, 1995

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

Ms. Melisa T. Cohen
Technical Manager
✓ Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

Subject: Landfill Gas Reporting Requirements

Dear Ms. Cohen:

We have received your letter dated November 7, 1994 with the revised inventory of hazardous materials for the Altamont Landfill and Resource Recovery Facility (ALRRF). As you noted in your cover letter significant facility changes have taken place at ALRRF since the last Plan was submitted. One of the major components of the previous business plan, methane gas, also known as landfill gas generated at the site was omitted from the revised inventory.

ALRRF is currently generating landfill gas from the decomposition of solid waste. That landfill gas is then pumped from the subsurface to a facility that burns the gas in a turbine generator for the production of electricity. Previously submitted business plans for ALRRF stated a daily throughput of two million cubic feet of landfill gas. During my October 28, 1994 site visit, it was confirmed that landfill gas is not stored on site. However, the requirements of the California Health and Safety Code (H&SC) Chapter 6.95 for hazardous material reporting are not limited to stored materials.

Section 25503.5, Chapter 6.95, of the H&SC requires a business that handles hazardous materials equal to or greater than the minimum quantity (200 cubic feet for gases) to establish and implement a business plan. Included in the definition of "handle," found in section 25501, is a broad list of activities that include generating, emitting, processing, discharging, or disposal of a hazardous material in any fashion.

Based on the H&SC this Department requires ALRRF to submit, within 30 days, information regarding the daily throughput of the landfill gas generated at the site as well as the total square footage of landfill from which landfill gas is withdrawn. That information will become part of the business plan for ALRRF.

Altamont Landfill
January 23, 1995
page 2 of 2

The invoice for your account, # L81400, dated August 1, 1994, was prepared using information presented in your prior business plan submittal. Because of the additional materials handled at the new water treatment plant and other changes in the inventory of hazardous materials, a revised invoice will be prepared using the status of the site as of August 1, 1994.

If you have any questions regarding this matter please contact me at 567-6781.

Sincerely,



Robert Weston
Senior Hazardous Materials Specialist

cc: Bill Reynolds, East Area Manager
Art Detmar, Senior REHS, Solid Waste Division
Jim Trolan, Finance Officer, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

StId 1839

January 17, 1995

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

Bill Gillmour
Waste Management of Alameda County, Inc.
Altamont Landfill and Resource Recovery Facility
10840 Altamont Pass Rd
Livermore CA 94550

Subject: Required investigations for possible groundwater contamination caused by leaking underground storage tanks (USTs) at 10840 Altamont Pass Rd., Livermore, CA 94550

Dear Mr. Gillmour:

Melisa Cohen of your office indicated during a telephone conversation with her on January 12, 1995, that you should be the primary contact for this investigation. During my conversation with Ms. Cohen, I outlined additional information that will be required for our investigation and, also, indicated that I would follow-up with a detailed letter of our requirements.

When two (2) underground storage tanks (USTs) were removed from the above referenced site on January 3, 1990, elevated levels of Total Petroleum Hydrocarbons as diesel (TPHd) were detected in the soil and grab groundwater samples taken from the excavation site. Overexcavation was completed at the product line trench, pump island, and north end of the tank excavation on January 18 and 24, 1990. The removal of soil during the overexcavation appears to have addressed the extent of soil contamination. However, a groundwater investigation was never pursued to delineate the extent of groundwater contamination, if any, due to the use of these two former USTs.

Initial analytical results reported by ENSCO Environmental Services, Inc. on March 12, 1990, for TPHd in soil was as high as 6400 parts per million (ppm). Analytical results for the grab groundwater sample indicated 7300 parts per billion (ppb) TPHd and 10 ppb xylenes.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that soil and ground water investigations be conducted when there is evidence to indicate that a release from an UST will impact or may have impacted the ground water.

Gillmour
Waste Management of ALCO, Inc.
January 17, 1995
page 2 of 4

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of **both soil and ground water** contamination resulting from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

- o At least one permanent ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to groundwater flow. In the absence of neighboring monitoring wells located within 100 feet of the site, or any other data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.
- o Subsequent to the installation of the monitoring wells, these wells must be **surveyed to an established benchmark**, (i.e., Mean Sea Level) with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be **collected monthly for the first three months**, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly then you will be required to continue monthly water level measurements until the ground water gradient behavior is known. **Both soil and ground water samples must be analyzed for TPHd and BTEX.**

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

Gillmour
Waste Management of ALCO, Inc.
January 17, 1995
page 3 of 4

In order to properly conduct a site investigation, you are required to obtain professional services of a reputable environmental consultant. **All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

The PSA proposal is due within 60 days of the date of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- .o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c)(d) of Title 23 California Code of Regulations.** Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

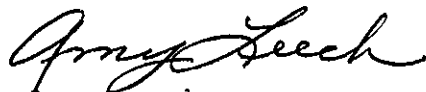
Gillmour
Waste Management of ALCO, Inc.
January 17, 1995
page 4 of 4

Additionally, you are required to submit documentation regarding the following items. **This documentation must be submitted within 15 days** of the date of this letter.

1. Documentation regarding the fate of excavated soil as a result of excavating the USTs and conducting overexcavation to remove contaminated soil. (A letter dated April 12, 1990, from Waste Management, indicated that the contaminated soil was to be shipped to Kettleman Hills, but we did not receive the manifests for this disposal.)
2. Complete the "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" (blank form attached)
3. If groundwater monitoring wells already exist within the specified guidelines indicated above, please provide supporting documentation of boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, etc.

If you have any questions or comments, please contact me at (510) 567-6755.

Sincerely,



Amy Leech
Hazardous Materials Specialist

ATTACHMENT

cc: Edgar Howell
Bill Raynolds, Office of Solid/Medical Waste

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0898

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

June 23, 1993

Mr. Tony Ramirez
Oakland Scavenger Company
10840 Altamont Pass Road
Livermore, CA 94550

**Re: FIVE YEAR UNDERGROUND STORAGE TANK OPERATING PERMIT
LOCATED AT 10840 ALTAMONT PASS ROAD, LIVERMORE, CALIFORNIA.**

Dear Mr. Ramirez:

Enclosed is a five year permit to operate one underground petroleum storage tank (USTs) at the above referenced facility. This UST is double-walled steel clad with fiberglass reinforced plastic. The piping system is a double-walled steel suction system. To operate under a valid permit, you are required to comply with the conditions as described in revised Title 23, California Code of Regulations (CCR).

Consult the revised Title 23, CCR for additional requirements. To obtain a copy of the regulations, you may contact the State Water Resources Control Board at (916) 657-2390.

Feel free to contact me with any questions at (510) 271-4320.

Sincerely,

Jeff Shapiro
Hazardous Materials Specialist

c: Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SITE: 10840 Altamont Pass Rd
Livermore, CA

R0898

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

April 26, 1989

Mr. David E. Edwards
Project Manager
Waste Management
18500 Von Karman Ave.
Irvine, CA 92715

Subject: Altamont Landfill

Dear Mr. Edwards:

On April 14, 1989, the final inspection of the underground lines at the Methane Recovery Site was held.

This completes our inspections of the installation. The installation was completed per the plans accepted by Alameda County.

If you have any questions, please call Edgar Howell, Program Administrator, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:EH:mnc

cc: Edgar Howell, Alameda County Hazardous Materials Program
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARSAGENCY
~~XXXXXXXXXX~~, Agency Director



Department of Environmental Health 10840 Altamont Pass Rd.
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R0898

~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
(415) 271-4320

December 19, 1988

Mr. David E. Edwards, Project Manager
Waste Management of North America
Western Region
18500 Von Karman Ave.
Irvine, CA 92715

Dear Mr. Edwards:

This is to advise you that the project fee of \$300.00 deposited on June 23, 1988, to cover the cost of inspection of the piping and alarm systems for the Altamont Landfill Gas Recovery/Electrical Generation Facility, has been depleted.

Please resubmit \$300.00 to the deposit/refund account project #U524510, made out to the County of Alameda, for continued action.

If you have any questions, please contact Edgar Howell, Program Administrator at, (415) 271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

Enclosure (1)

cc: Edgar Howell
Files