

California Regional Water Quality Control Board Central Valley Region

3443 Roubier Road, Suite A
Phone: (916) 255-3000

Sacramento, CA 95827-3098
FAX: (916) 255-3015



FAX TRANSMITTAL PAGE

Date: 9 January 1996
To: Ms Amy Leech
From: JAMES BRATHOUDE

Sender's Phone: (916) 255- 3137 Or CALNET 8-494- _____

Number of Pages (including cover): _____ Original will follow by U.S. Mail

Subject: ALTAMONT LANDFILL TANK

Comments: _____

If any problems occur in receiving, please call one of the numbers listed above.

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program
 Page 3 of 4

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES
 Site management requirements: Continue monitoring as required by the Central Valley RWQCB.

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommissioned: N/A
 Number Decommissioned: N/A

Number Retained: N/A

List enforcement actions taken: None

List enforcement actions rescinded: N/A

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Amy Leech

Signature: *A. Leech*

Title: Hazardous Materials Spec

Date: 5/17/95

Reviewed by

Name: Juliet Shin

Signature: *Juliet Shin*

Title: Sr. Hazardous Mat. Spec.

Date: 5/17/95

Name: Eva Chu

Signature: *E. Chu*

Title: Hazardous Materials Spec

Date: 5/17/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 5/17/95

RWQCB Staff Name: Beth Thayer

Signature: *James Brathovoc*

RB Response: *closure approved, see letter 31 October 1995*

Title: *Associate Engineering Geologist*

Date: *9 January 1996*

VII. ADDITIONAL COMMENTS

On January 3, 1990, two underground storage tanks (USTs) were removed from this site: one 10,000-gallon diesel UST and one 12,000-gallon diesel UST.

Initial soil samples taken from the tank pit identified TPHd levels from non-detect (ND) to 130 ppm. Soil samples from the product line trench identified TPHd at 1,300 ppm and 6,400 ppm at the pump island. BTEX was not identified in any soil samples. Overexcavation was completed in the identified "hot spots" until confirmatory soil samples at the excavation boundaries were ND for TPHd and BTEX.

A "grab" sample of water was collected from the UST pit. This sample was analyzed for TPHd and BTEX. TPHd was identified at 7,300 ppb, xylenes at 10 ppb, and all other constituents were ND. It is not known if the water in the tank pit was ground water or run-off from rain. Inspector notes indicate that the "grab"

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD --
CENTRAL VALLEY REGION**

3443 ROUTIER ROAD, SUITE A
SACRAMENTO, CA 95827-3098
PHONE: (916) 255-3000
FAX: (916) 255-3015



31 October 1995

Mr. Bill Gilmour, Sr. Env. Engineer
Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

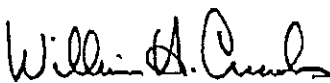
***CONCURRENCE WITH CLOSURE, UNDERGROUND DIESEL TANKS AT ALTAMONT
LANDFILL, 10840 ALTAMONT PASS ROAD, ALAMEDA COUNTY***

This letter confirms the completion of site investigation and remedial action for the former underground storage tanks at 10840 Altamont Road, Livermore, Alameda County. Enclosed is the case closure summary for your records.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

If you have any questions, please call James Brathovde at (916) 255-3137.


WILLIAM H. CROOKS
Executive Officer

Enclosure

cc: Ms. Amy Lecch, Alameda County Health Care Services Agency, Alameda

M E M O R A N D U M

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD • CENTRAL VALLEY REGION

3443 Routier Road, Suite A
Sacramento, California 95827-3098

Phone: (916) 255-3000
CALNET: 8-494-3000

TO: GLB
Underground Tank Unit
JEB, SER SAR
Chapter 15 Unit

FROM: SDJ
Underground Tank Unit

DATE: 31 October 1995

SIGNATURE: *Shirley D. Johnson*

SUBJECT: **REQUEST FOR CLOSURE, UNDERGROUND DIESEL TANKS AT ALTAMONT
LANDFILL, 10840 ALTAMONT PASS ROAD, ALAMEDA COUNTY**

We received a Local Oversight Program case closure summary dated 17 May 1995, from Alameda County Health Care Services Agency (County) for the site. The site is a landfill facility currently regulated by the Regional Board. The tanks were located within a leachate recovery area of the landfill.

In January 1990, one 10,000 gallon and one 12,000 gallon diesel tank were removed from the site. The tank pit, pump islands and pipeline trenches were over excavated until confirmation samples were non-detect (ND). The tank pit was excavated to a total depth of approximately 14 feet below ground surface (bgs). A water sample was taken from the excavation pit and showed 7,300 parts per billion (ppb) diesel and 10 ppb toluene. It is unknown if the water in the tank pit was ground water or surface runoff. Monitoring at the landfill showed ground water to be at 15-20 feet bgs during the first quarter 1990.

A ground water interceptor trench is located approximately 400 feet down gradient of the former tank pit. Quarterly ground water samples from the trench and two down gradient monitoring wells were reviewed from January 1993 to March 1995, for polynuclear aromatic hydrocarbons and benzene, toluene, ethylbenzene and xylenes. All ground water results yielded ND. Quarterly ground water monitoring will continue as part of the ongoing management of the landfill.

The County recommends that the former tank area of the landfill be granted no further action since the former tanks were located in the leachate recovery area and ground water monitoring at the site continues and is regulated by the Board. Staff concurs with the County's recommendation for no further action.

SDJ

APPENDIX B OF THE TRI-REGIONAL RECOMMENDATIONS
CHECKLIST OF REQUIRED DATA FOR CLOSURE OF UNDERGROUND TANK SITES

CLOSURE DOCUMENT APPLICATION

SITE: ALTAMONT LANDFILL - ALAMEDA CO.
10840 ALTAMONT PASS RD.

1. No Distance to production wells for municipal, domestic, agriculture, industry and other uses within 2000 feet of the site;
2. Yes Site maps, to scale, of area impacted showing locations of former and existing tank systems, excavation contours and sample locations, boring and monitoring well elevation contours, gradients, and nearby surface waters, buildings, streets, and subsurface utilities; 3/90 REPORT
3. No Figures depicting lithology (cross section), treatment system diagrams;
4. No Stockpiled soil remaining on-site or off-site disposal (quantity); -50y³ - LANDFILL
5. Yes Monitoring wells remaining on-site, fate; LANDFILL 30y³ - ON-SITE COVER
NOT ASSOCIATED WITH INVEST. MONITORING
6. Yes Tabulated data of all ground water elevations and depths to water;
COPY OF LAB REPORTS
7. No Tabulated results of all sampling and analyses:
 - No Detection limits for confirmation sampling
 - No Lead analyses

} DATA REC'D FROM COUNTY
8. No Concentration contours of contaminants found and those remaining in soil and ground water, both on- and off-site:
 - Yes Lateral extent of soil contamination
 - Yes Vertical extent of soil contamination
 - N/A Lateral extent of ground water contamination
 - N/A Vertical extent of ground water contamination

} COUNTY STATES CONFIRMATION SAMPLES ND
9. N/A Zone of influence calculated and assumptions used for the subsurface remediation system and the zone of capture attained for the soil and ground water remediation system;
10. Yes Reports/information
 - Yes Unauthorized Release Form (URF)
 - No QMRs (Dates) WATER QUALITY DATA 5/95
 - N/A PAR
 - N/A FRP
 - Yes Other (report name) TANK REMOVAL SOIL AND TIE
 - No Well and boring logs COUNTY CLOSURE SUMMARY 5/95
11. Yes Best Available Technology (BAT) used or an explanation for not using BAT;
12. N/A Reasons why "background" was/is unattainable using BAT;
13. N/A Mass balance calculation of the substance treated versus that remaining;
14. N/A Assumptions, parameters, calculations and model used in risk assessments, and fate and transport modeling;
15. Yes Rationale why conditions remaining at the site will not adversely impact water quality, health, or other beneficial uses; and ONLY 12 MONITORING AT SITE
16. N/A WET or TCLP results

Comments: GW 15-20' bgs.

By: <u>SDS</u>
Date: <u>12/13/95</u>

FORMER TANK LOCATED IN LEACHATE RECOVERY
AREA OF LANDFILL

REVISED

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD —
CENTRAL VALLEY REGION**

3443 ROUTIER ROAD, SUITE A
SACRAMENTO, CA 95827-3098
PHONE: (916) 255-3000
FAX: (916) 255-3015



FILE

31 October 1995

Mr. Bill Gilmour, Sr. Env. Engineer
Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

***CONCURRENCE WITH CLOSURE, UNDERGROUND DIESEL TANKS AT ALTAMONT
LANDFILL, 10840 ALTAMONT PASS ROAD, ALAMEDA COUNTY***

This letter confirms the completion of site investigation and remedial action for the former underground storage tanks at 10840 Altamont Road, Livermore, Alameda County. Enclosed is the case closure summary for your records.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

If you have any questions, please call James Brathovde at (916) 255-3137.

WILLIAM H. CROOKS
Executive Officer

Enclosure

cc: Ms. Amy Leech, Alameda County Health Care Services Agency, Alameda

APPROVED	
author	_____
senior	_____

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: July 21, 1995

TO: James Brathorde
CVRWQCB

FAX # (916) 255-3015

Total number of pages including cover sheet 8

FROM: Amy Leech (510) 567-6755
ALCO LOP

NOTE:

James -

Attachment A was too big to fax - it was
sent w/ document that was mailed to you.

Please call me to verify that you rec'd

this & if you have questions. Thx! Amy (510)
567-6755

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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

Re-sent
~~Original~~ on July 19, 1995
~~May 17, 1995~~

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

Mr. Brathovde;
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,

Amy Leech
Hazardous Material Specialist

ATTACHMENT

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J KEARS, Agency Director



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

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.

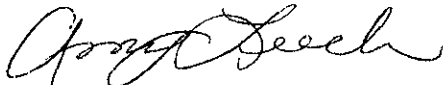
In order for us to document this information to the file, we need the following additional information:

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)

Altamont Landfill and Resource Recovery Facility
10340 Altamont Pass Road
Livermore, California 94550
510/449-6349 • FAX: 510/455-7381



Waste Management Company

FAX TRANSMITTAL

DATE: 3/31/95

TIME: 4:06 pm

FAX: (510) 337-9335

TO: Amy Leech

FROM: Bill Gilmour
Altamont Landfill and Resource Recovery Facility
a division of Waste Management of Alameda County

RE: Result of groundwater test after removal of UST

TOTAL NUMBER OF PAGES 2 (Including this page)

COMMENTS: Attached is the letter we received from the laboratory regarding the result of groundwater test. We will follow up with a letter soon. If you have any question, please give me a call. Thank you.

This FAX is being sent via a Xerox 7042 Laser Facsimile machine. If you are not receiving our copies, please inform us immediately.

Our phone number is (510) 449-6349. Our FAX number is (510) 455-7381.

WARNING:

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this information in error, please notify us immediately by telephone, and return this original message to us at the above address via the U.S. Postal Service. Thank you.

Letter to RP

→ Methods

for

Analysis

→ Address the client determination

→ Frequency

**WMX Environmental Monitoring
Laboratories, Inc.**

March 24, 1995

A WMX Technologies Company Phone 708.208.3100
2100 Clearwater Drive Fax 708.208.9064
Geneva, Illinois 60134

Mr. Bill Gilmour
19840 Altamont Pass Road
Livermore, CA 94550-9745

Dear Mr. Gilmour:

At your request, I have reviewed groundwater quality data at monitoring wells located at Altamont Landfill to determine if there is evidence of contamination from diesel fuel and/or degradation by-products. Monitoring wells located both upgradient and downgradient of the diesel fuel tank were reviewed including the groundwater interceptor trench located just downgradient from the UST area. Groundwater quality data from monitoring wells E-17 and E-18 located further downgradient from the groundwater interceptor trench also were reviewed.

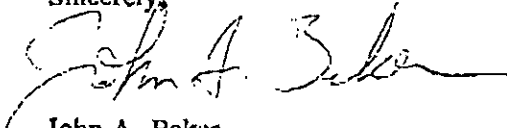
Groundwater was sampled for VOCs and semi-volatile compounds including all tentatively identified compounds. Any impact of diesel fuel to groundwater would cause aromatic hydrocarbons such as benzene, toluene, ethyl benzene and xylenes (BTEX) to be detected as well as PAHs and or PNAs such as naphthalene, pyrene, or chrysene that are common constituents of diesel fuel.

The closest downgradient sampling point was the groundwater interceptor trench. This trench was designed to intercept and remove any groundwater that flowed downgradient from the landfill, including the prior location of the diesel fuel tank. No VOC or semi-volatile compounds or any unknown additional compounds were detected. There also were no detected compounds from the VOC and semi-volatile analyses in E-17 and E-18 except that tentatively identified compounds (TICs) were found. The TICs for E-17 were an unknown alcohol and E-18 had three unknown alcohols and one unknown organic compound. There are no known byproducts or additives known to be present in diesel fuel that would account for unknown alcohols. Alcohols can be found in natural organic residues and plants.

Since the groundwater interceptor trench would have been the closest downgradient sampling location from the diesel fuel tank area, there is no evidence of a groundwater quality impact from diesel fuel or byproducts since none of the VOC or semi-volatile analytes were detected in samples from groundwater.

Please call me if you need further information.

Sincerely,



John A. Baker
Senior Environmental Scientist
WMX-Environmental Monitoring Lab

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
REPORT DATE 0 <u>2</u> <u>0</u> <u>8</u> <u>9</u> <u>5</u>	CASE #	SIGNED: <i>W. Leech</i> DATE: <u>2/17/95</u>

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT William Gilmour	PHONE (510) 449-6349	SIGNATURE <i>William Gilmour</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME Altamont Landfill and Resource Recovery Facility		
	ADDRESS 10840 Altamont Pass Road, Livermore, CA 94550			

RESPONSIBLE PARTY	NAME Altamont Landfill and Resource Recovery	CONTACT PERSON William Gilmour	PHONE (510) 449-6349
	ADDRESS 10840 Altamont Pass Road, Livermore, CA 94550		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Altamont Landfill and Resource Recovery	OPERATOR WASTE MANAGEMENT OF ALAMEDA COUNTY	PHONE (510) 449-6349	
	ADDRESS 10840 Altamont Pass Road, Livermore, Alameda 94550			
	CROSS STREET			

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Services	AGENCY NAME	CONTACT PERSON Amy Leech	PHONE (510) 567-6755
	REGIONAL BOARD N/A			

SUBSTANCES INVOLVED	(1) NAME Diesel	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2) <input type="checkbox"/> UNKNOWN	

DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <u>1</u> <u>0</u> <u>3</u> <u>9</u> <u>0</u>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 <u>1</u> <u>0</u> <u>3</u> <u>9</u> <u>0</u>	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
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CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) No remedial action will be taken unless contamination
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COMMENTS: Note: UST site is located within a leachate recovery area of the landfill. There has been ^{on-going} quarterly ground water monitoring upgradient + downgradient of the UST site since 1986 & there has been a ground water ~~water~~ pump & treat system downgradient (approx 400ft) since 1984. Case should be handled as part of management of the landfill. *Revised*

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

Insp: ALL

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12034
 StID : 1839 LOC: -0-
 SITE NAME: Altamont Landfill DATE REPORTED : 03/12/90
 ADDRESS : 10840 -0 Altamont Pass Rd DATE CONFIRMED: 01/05/95
 CITY/ZIP : Livermore 94550 MULTIPLE RPs : N

SITE STATUS

 CASE TYPE: U CONTRACT STATUS: 2 PRIOR CODE:2A4 EMERGENCY RESP: -0-
 RP SEARCH: S DATE COMPLETED: 01/17/95
 PRELIMINARY ASMNT: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 POST REMED ACT MON:- DATE UNDERWAY: -0- DATE COMPLETED: -0-

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 01/17/95
 LUFT FIELD MANUAL CONSID: 2SC
 CASE CLOSED: - DATE CASE CLOSED: -0-
 DATE EXCAVATION STARTED : 01/03/90 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

 RP#1-CONTACT NAME: Bill Gillmour
 COMPANY NAME: Waste Management Of Alco, Inc.
 ADDRESS: 10840 Altamont Pass Rd
 CITY/STATE: Livermore Ca 94550

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only Case Progress Changes

ANPPGMS _____ LOP _____ DATE _____ || LOP _____ DATE _____

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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.
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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.


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Waste Management of ALCO, Inc.
January 17, 1995
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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.) → *well located*
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
cc: *bill laynoles*

lop\1839.lop

STI# 1839

DATE: 1/5/95
TO : Local Oversight Program
FROM: Army Leech
SUBJ: Transfer of Eligible Local Oversight Case

Waste Management Division + Resource Recovery Facility
Site name: ~~Altamont Oakland Sewerage Co.~~ Altamont Landfill
Address: 10840 Altamont Cass Rd city Livermore Zip 94550

TO BE ELIGIBLE FOR LOP A CASE MUST MEET 3 QUALIFICATIONS:

- 1. Number of Tanks: 2 removed? Y N Date of removal 1/3/90
- 2. Samples received? Y N Contamination level: ≤ 6400 ppm - Soil
(ppm and type of test) 7300 ppb - H₂O

Contamination should be over 100 ppm TPH to qualify for LOP

- 3. Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

DepRef remaining \$? Closed with Candace/Leslie? Y N
(If no explain why?)
→ Rob Weston handled the dep. ref. acct.

IF YOUR SITE MEETS ALL OF THE ABOVE QUALIFICATIONS YOU SHOULD DO THE FOLLOWING TO TRANSFER THE SITE:

- 1. YOU MUST CLOSE THE DEPOSIT REFUND CASE AT THIS TIME. YOU MUST ACCOUNT FOR ALL TIME YOU HAVE SPENT ON THE CASE AND TURN IN THE ACCOUNT SHEET TO LESLIE. IF THERE ARE FUNDS STILL REMAINING IT IS STILL BETTER TO TRANSFER THE CASE TO LOP AS THE RATE FOR LOP ALLOWS THE ADDITION OF MANAGEMENT AND CLERICAL TIME. DO NOT ATTEMPT TO CONTINUE TO OVERSEE THE SITE SIMPLY BECAUSE THERE ARE FUNDS REMAINING!
- 2. COMPLETE THE A AND B PERMIT APPLICATION FORMS AND GIVE TO CONNIE/ELAINE
- 3. GIVE THE ENTIRE CASE TO THE PROPER LOP STAFF UPSTAIRS FOR THEM TO DO THE REST OF THE TRANSFER AND YOU ARE DONE!

Oakland Scavenger Company
Administrative Offices
2000 Embarcadero, Suite 300
Oakland, CA 94606
415/532-1400 Fax: 415/532-1465



A Waste Management Company

90 APR -4 AM 8:38

April 2, 1990

Mr. Lowell Miller
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Dear Mr. Miller:

Attached is a copy of the final report from Ensco Environmental Services Inc. for work done at the Altamont Landfill. Ensco Environmental Services removed 2 underground diesel fuel tanks while you were in attendance on January 3, 1990. Neither of the underground diesel fuel tanks showed any signs of leaks. Samples taken from under the tanks confirmed this observation. The excavated tanks were hauled under Hazardous Waste Manifest to H & H Ships service where they were thoroughly cleaned and then destroyed. No contamination was detected in the samples from beneath the tanks with one exception. Total petroleum hydrocarbons at the Northeast corner of the tank excavation (near where the pipelines joined the tanks - which were manifolded together) was 130 parts per million. A groundwater sample taken from the tank excavation did not detect Benzene, Toluene or Ethylbenzene. Total petroleum hydrocarbons were only 7.3 ppm and Xylene was only 0.010 ppm. This analytical data along with a sketch of the locations is shown in Appendix C.

The initial soil samples taken from the pipeline trench to the fuel island showed greater levels of hydrocarbons. Samples taken here contained fuel hydrocarbons of 1500 and 6400 parts per million. (See Appendix C - analysis from samples 5 & 6.)

Additional excavations were initiated in all of the areas which indicated hydrocarbon fuel contamination. Soil was removed from the Northeast area of the tank excavation and from the pump island pipeline trench until analytical samples indicated no detectable hydrocarbons. See Appendix E for sketch and final analytical data.

An estimated 45 to 55 cubic yards of soil was excavated from the tank cavity and the pipeline trench. This soil has been stockpiled on and covered with visqueen polyethylene sheet in the parking lot at the Altamont Landfill. The stockpile was sampled on February 5, 1990. The soil stockpile actually consists of 4 somewhat discreet piles of soil. Several samples were collected from each of the piles from various depths and elevations. A composite sample was then made for each discreet pile. See Appendix F for a sketch of the soil stockpiles, sampling locations and analytical data.

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Waste Mgmt Today's Date 1/3/89

Site Address 10840 Altamont Len Blvd

City Livermore Zip 94570 Phone _____

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

Comments:

2 fiberglass tanks removed
 samples collected by ENSIC env
 environmental service
 6 soil sample
 2 water samples
 possibly diesel oil from hole ~ 14ft
 water found in hole
 ENSIC contact
 Gary DellaVecchia

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| ___ 7. Precis Tank Test 2643 | |
| Date: _____ | |
| ___ 8. Inventory Rec. 2644 | |
| ___ 9. Soil Testing 2646 | |
| ___ 10. Ground Water. 2647 | |
| New Tanks | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | Date: _____ |
| ___ 14. As Built 2635 | |
| Date: _____ | |

Rev 8/88

Contact: Dave Chase

Title: Henry Patchiff

Signature: Henry Patchiff for Dave Chase

Inspector: Lower Mills

Signature: Lower Mills

II, III

PRODUCER

Morris, Temple and Company
 P.O. Box 670
 De Ridder, La. 70634

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Environmental Systems Company
 Ensco, Inc.; Ensco Environmental Service, Inc.
 P.O. Box 8513
 Little Rock, AR 72205

COMPANIES AFFORDING COVERAGE

COMPANY LETTER A	Liberty Mutual Insurance Company
COMPANY LETTER B	National Union Fire Ins Co
COMPANY LETTER C	American Trust Ins Co
COMPANY LETTER D	REVISED
COMPANY LETTER E	

COVERAGES

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIABILITY LIMITS IN THOUSANDS		
					BOODY INJURY	EACH OCCURRENCE	AGGREGATE
B	GENERAL LIABILITY	SRGL8019580	05/01/89	05/01/90	BOODY INJURY	\$	\$
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM				PROPERTY DAMAGE	\$	\$
	<input checked="" type="checkbox"/> PREMISES/OPERATIONS UNDERGROUND EXPLOSION & COLLAPSE HAZARD				BI & PD COMBINED	\$ 5,000,	\$ 5,000,
	<input checked="" type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS				PERSONAL INJURY	\$	
	<input checked="" type="checkbox"/> CONTRACTUAL				<i>This certificate neither negatively nor affirmatively amends, extends, or alters coverage provided by the policies.</i>		
	<input checked="" type="checkbox"/> INDEPENDENT CONTRACTORS						
	<input checked="" type="checkbox"/> BROAD FORM PROPERTY DAMAGE						
<input checked="" type="checkbox"/> PERSONAL INJURY							
B	AUTOMOBILE LIABILITY	HBA8020436/37 MCS 90 Endorsement	10/01/89	10/01/90	BOODY INJURY (PER PERSON)	\$	
	<input checked="" type="checkbox"/> ANY AUTO				BOODY INJURY (PER ACCIDENT)	\$	
	<input checked="" type="checkbox"/> ALL OWNED AUTOS (PRIV. PASS.)				PROPERTY DAMAGE	\$	
	<input checked="" type="checkbox"/> ALL OWNED AUTOS (OTHER THAN PRIV. PASS.)				BI & PD COMBINED	\$ 5,000,	
	<input checked="" type="checkbox"/> HIRED AUTOS						
C	EXCESS LIABILITY	Excess Offsite EIL 8900I091084	08/16/89	08/16/90	BI & PD COMBINED	\$ 1,000,	\$ 1,000,
	<input checked="" type="checkbox"/> UMBRELLA FORM						
A	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	1391064977029	04/01/89	04/01/90	STATUTORY		
	<input checked="" type="checkbox"/> OTHER THAN UMBRELLA FORM				\$1000 (EACH ACCIDENT)		
					\$1000 (DISEASE POLICY LIMIT)		
B	OTHER	PLL5649205 CPL5468860	11/03/89 05/01/89	11/03/90 05/01/90	5,000, / 10,000, 2,000, / 5,000.		
	Fixed Base EIL						
B	Offsite EIL						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
 All states endorsement for workers compensation. Sudden and gradual pollution conditions for White Bluff, El Dorado and Dalton facilities.

CERTIFICATE HOLDER

[Blank space for certificate holder name]

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
[Signature]