

August 9, 2006

Mr. David Darlington, Chair  
ALRRF - Community Monitor Committee  
City of Livermore, Public Services Department  
3500 Robertson Park Road  
Livermore, CA 94550

**Subject: ALRRF Community Monitor Progress Report No. 10**

Dear Mr. Darlington:

Attached is the report of the February June 21 and July 19, 2006 landfill inspections and other activities conducted by TechLaw since the Altamont Landfill Community Monitor Report No. 9, dated May 22, 2006.

Please feel free to call me at (415) 281-8730 or email me at [lkoch@techlawinc.com](mailto:lkoch@techlawinc.com) or Karla Brasaemle at [kbrasaemle@techlawinc.com](mailto:kbrasaemle@techlawinc.com) if you have any questions or concerns regarding this Report. We look forward to the opportunity to continue providing technical support to the Community Monitor Committee.

Sincerely,

Lori Koch, P.E.  
Project Manager

WP:RB:KB:cl

**ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY  
COMMUNITY MONITOR PROGRESS REPORT NO.10**

**Prepared For:**

**Community Monitor Committee  
Altamont Landfill Settlement Agreement  
City of Livermore Public Services Department  
3500 Robertson Park Road  
Livermore, California 94550**

**Prepared By:**

**TechLaw Inc.  
90 New Montgomery Street, Suite 1010  
San Francisco, California 94105  
(415) 281-8730**

**August 9, 2006**

**ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY  
COMMUNITY MONITOR PROGRESS REPORT NO. 10**

**DOCUMENTS REVIEWED**

MONTHLY TONNAGE REPORTS FOR FEBRUARY, MARCH, AND APRIL, 2006

The average total daily disposal quantity is well within the 11,500 tons per day permitted maximum and the 7,000 tons per day settlement agreement limit. The monthly tonnage reports include the type, source, and quantity of alternate daily cover (ADC) materials received at ALRRF, as required by the settlement agreement.

**LANDFILL INSPECTION 5/24/06 (Conducted by Lori Koch and TechLaw Geologist, Tommy Poole)**

DOCUMENTATION MAINTAINED AT LANDFILL

All documentation was reviewed during the inspection on May 17, 2006; with the exception of the LEA Reports for the month of April which had not yet been submitted.

Local Enforcement Agent (LEA) Reports 4/5/06 to 4/26/06

No violations were observed.

The LEA inspects the landfill weekly, and submits her reports monthly. Most violations are not reported, since they are generally addressed by Waste Management before the next weekly inspection, if not immediately.

OBSERVATION OF ENVIRONMENTAL CONTROLS

All observations of environmental controls were made during the inspection on May 17, 2006; with the exception of litter along Altamont Pass Road.

Litter

There was a significant amount of litter on Altamont Pass Road at 10:00 A.M. Plastic debris (>1 foot in diameter) and cardboard boxes were observed along the road side in both directions. To the east, a mattress and box spring were lying on a barbed wire fence; other litter at this location included plywood, five gallon buckets, a tire, and a 5 gallon water jug.

## TRUCK TRAFFIC

Time	Waste Management	3 <sup>rd</sup> Party and SFRD*	Total
6:45 A.M. to 7:45 A.M.	9	15	24
7:45 A.M. to 8:45 A.M.	11	27	38

\*San Francisco Recycling and Disposal.

## TOUR OF THE LANDFILL WITH WM ENVIRONMENTAL COMPLIANCE SPECIALIST (TERESA DOMINIQUE)

- Inspected Hazardous Waste Accumulation Area, which contained paint cans and gas cylinders were stored there. The Freon canister pulled from the public area during the May 17, 2006 inspection was missing. Teresa indicated that hazardous waste is brought to the accumulation area in loads, and that the Freon canister would probably be brought down in the next load.
- Other areas of the Landfill were not visited because, with the exception of the Hazardous Waste Accumulation Area, all areas normally visited were inspected on May 17, 2005.

## **LANDFILL INSPECTION 6/21/06 (Conducted by TechLaw Geologist, Tommy Poole)**

### DOCUMENTATION MAINTAINED AT LANDFILL

#### Asbestos Daily Records 5/09/06 to 5/23/06

The only issue noted in the asbestos daily records is that the fence has been under construction throughout this period. A temporary fence is in place.

#### Load Check Reports 5/03/06 to 5/19/06

Items removed from loads during this period include electronic devices, TVs, and a tire. No Load Check Report was filled for the Freon canister removed during TechLaw's May 17 inspection since the entire load was not checked.

#### Special Occurrences Log

On May 19 a third party truck overturned while dumping Class II soil. Equipment failure and load shift were identified as the root cause. The driver noted a loud "pop" before the trailer overturned. An inspection of the vehicle revealed that a pin on the trailer had sheered. The tipping pad was reportedly in good condition and other trailers had safely unloaded prior to the incident.

Notice of Violation Record - BAAQMD

None since last inspection.

Local Enforcement Agent (LEA) Reports

None since last inspection.

VOC Laden Soil Reports

The total tons received in May was 1,351.60. The total carbon was calculated to be 49.73 ppm.

OBSERVATION OF ENVIRONMENTAL CONTROLS

Dust

Dust plumes were observed on the Landfill Roads only.

Vectors

No birds were observed at the Public Area or at the Tippers.

Cover

The daily and intermediate cover appears to be in compliance with Title 27 requirements; no waste is exposed except in areas prepared for disposal; the working faces are kept to a minimum, compaction appears adequate. Signification erosion was observed in the closed portion of the landfill but none elsewhere in the cover. Boston Pacific has been contracted to repair the erosion. Work is expected to begin during the last week of June.

Odors

There were odors downwind of stockpiled green waste.

Litter

Litter was being blown from the Public Area due to unpredicted, strong northerly winds. Litter fences and litter pickers appeared to be adequately containing litter to disposal areas, since very little litter was observed elsewhere on the Landfill. Small pieces of litter were prevalent along Altamont Pass Road west of the Landfill, and in some areas litter appears to have been blown onto property adjacent to the road. One cardboard box and a few large pieces of plastic were also observed on the road west of the landfill. Very little litter was observed east of the Landfill, and the large debris observed during TechLaw's May 24 inspection had been removed, with the exception of one tire.

TRUCK TRAFFIC

Time	Waste Management	SFRD*	3 <sup>rd</sup> Party	Total
6:45 A.M. to 7:45 A.M.	11	5	8	24
7:45 A.M. to 8:45 A.M.	15	7	3	25

\*San Francisco Recycling and Disposal.

TOUR OF THE LANDFILL WITH WM ENVIRONMENTAL COMPLIANCE SPECIALIST  
(TERESA DOMINIQUE)

- Observed tipping at the Public Area; no unauthorized waste observed; one load consisted of car seat cushions.
- Observed the tippers in operation.
- Observed Solidification Pond; no discharge was apparent.
- Picked through Construction and Demolition Waste; one monitor and several one gallon cans of unsolidified paint were removed from the waste.
- Observed the asbestos area; a new fence has been constructed; only one sign is posted on the fence (located at the entrance). Signs are required to be posted every 330 ft. along the fence.
- There is still significant erosion in the final cover of the closed area.

**LANDFILL INSPECTION 7/19/06 (Conducted by TechLaw Geologist, Tommy Poole; and Techlaw Intern, Alan Fung)**

DOCUMENTATION MAINTAINED AT LANDFILL

Asbestos Daily Records 5/23/06 to 7/12/06

The fence has been under construction throughout this period, and was completed before Techlaw's inspection on 7/19/06. Signs marking the boundary of the Asbestos Disposal area were also in place at the required interval of one every 330 ft.

Load Check Reports 5/24/06 to 6/15/06

Items removed from loads during this period include seven cathode ray tubes (CTRs), one consumer electronic devices, eleven tires, and two gas cylinders.

Special Occurrences Log

No special occurrences were reported since May 19, 2006.

Notice of Violation Record - BAAQMD

None since last inspection.

Local Enforcement Agent (LEA) Reports for June 2006

The LEA noted an area of concern where daily cover was too thin; however, this discrepancy was addressed before the next inspection. Also, erosion of the closed portion of the Landfill has still not been repaired.

VOC Laden Soil Reports

VOC contaminated soil was disposed of on 6/1/06 and 6/30/06. The total tons received in June was 759.98. The total carbon through June 30 was calculated to be 9.59 ppm.

OBSERVATION OF ENVIRONMENTAL CONTROLS

Dust

Tipping pads and hauling routes appeared to be adequately watered. No dust plumes were observed.

## Vectors

Some black birds are present at tippers, but gulls are absent.

## Cover

The daily and intermediate cover appears to be in compliance with Title 27 requirements; no waste is exposed except in areas prepared for disposal; compaction appears adequate. The working face appears much larger than usual. The tippers have been operating in a leap frog fashion around the top of the new disposal cell; therefore, waste is being distributed in a relatively thin layer across the surface.

## Litter

There was some litter observed on Altamont Pass Road west of the landfill entrance including plastic bags, paper, cardboard and other small pieces of litter. Full garbage bags were found at several locations along the shoulder of the road. They appeared to be related to litter collection judging by their frequency and orientation (i.e., right side up), and the relative small amount of litter observed along the road. However, at several locations the moderate amounts of litter were observed just beyond the shoulder of the road.

Less litter was observed on the roadside east of the entrance; however, approximately sixty tires were visible along the creek bank adjacent to Altamont Pass Road. The tires appear to be randomly distributed over a 1.5 mile area, with the exception of one location where about twenty tires were observed below a dam located two hundred feet north of Altamont Pass Road. At this location, the tires were commingled with a roll of wire fence, fence posts, a metal 5 gallon bucket, and part of a 55 gallon drum. The source of tires was not apparent since the highest concentration of tires occurred in the downstream (i.e., easternmost) area; however, it was noted that tires were only observed to the north of the road, and were not visible in locations where the creek meandered south of the road.

Litter fences have effectively contained litter to the landfill despite high winds observed during June and July. In addition, the large vacuum (the trillow) which removes litter from the fences has been inoperable during the first half of July, because the tracker which pulls the trillow has been awaiting a replacement tire.

## TRUCK TRAFFIC

<b>Time</b>	<b>Waste Management</b>	<b>SFRD*</b>	<b>3<sup>rd</sup> Party</b>	<b>Total</b>
<b>6:45 A.M. to 7:45 A.M.</b>	<b>3</b>	<b>7</b>	<b>15</b>	<b>25</b>
<b>7:45 A.M. to 8:45 A.M.</b>	<b>19</b>	<b>6</b>	<b>16</b>	<b>41</b>



\*San Francisco Recycling and Disposal.

TOUR OF THE LANDFILL WITH WM ENVIRONMENTAL COMPLIANCE SPECIALIST  
(NEIL WISE ) AND ALAMEDA COUNTY LEA (KAREN MOROZ).

- Observed the tippers in operation.
- Area down wind of working face has zones of heavy litter. Observed litter pickers in this area.
- Observed stockpiles of auto shredder cover and stockpiled sand.
- Observed the asbestos area; the fence is intact with the appropriate warning signs in place.
- Observed tire stockpiles at tire shredding area. Some tires with rims have been stockpiled in this area, awaiting the arrival of a replacement rim removing machine. Neil indicated that the replacement machine had arrived but had not been installed yet.
- Inspected Hazardous waste accumulation area; locker has not been emptied since Techlaw's 5-24-06 inspection.
- There is still significant erosion in the final cover of the closed area. Boston Pacific has conducted an initial survey of the eroded areas and has placed an order for soil to make the repairs.

**FUTURE WORK**

- Conduct landfill inspection
- Review tonnage and groundwater reports

## REFERENCES

Rust Environmental 1998. *1998 Proposed Title 27 Detection Monitoring Program for the Existing Fill Area 1 and Proposed Expansion Area for Altamont Landfill and Resource Recovery Facility.*

SCS Engineers, January 2006. *Second Semiannual and Annual 2005 Groundwater Monitoring Report, Altamont Landfill Resource and Recovery Facility.*

Waste Management, March 15, 2006. Monthly Tonnage Report for February 2006.

Waste Management, April 11, 2006 Monthly Tonnage Report for March 2006.

Waste Management, May 9, 2006 Monthly Tonnage Report for April 2006.