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May 22, 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. 9

Dear Mr. Darlington:

Attached is the report of the February 23 and March 14, 2006 landfill inspections and other activities conducted by TechLaw since the Altamont Landfill Community Monitor Report No. 8, dated March 21, 2006.

Please feel free to call me at (415) 281-8730 or email me at lkoch@techlawinc.com or Karla Brasaemle at 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

LK:KB:cl

ALT014 - ALRF Inspection Report No. 9.wpd



**ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY
COMMUNITY MONITOR PROGRESS REPORT NO. 9**

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
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**ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY
COMMUNITY MONITOR PROGRESS REPORT NO. 9**

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.

PROPOSED TITLE 27 DETECTION MONITORING PROGRAM FOR THE EXISTING FILL AREA 1 AND PROPOSED EXPANSION AREA FOR ALRRF, JUNE 1998

The June 1998 Monitoring Program was reviewed to ascertain whether the groundwater sampling procedures discussed in the March 2006 Community Monitor Progress Report are consistent with the procedures described in the Sampling and Analysis Plan (Section 8.0 of the Monitoring Program).

The June 1998 Monitoring Program is clearly dated, as the description of the expansion area is not consistent with current plans. Also, some of the new wells proposed for the program appear to have never been installed (E-24, E-25) and E-17 was not removed as proposed. However, the monitoring procedures described are still applicable.

The Sampling and Analysis Plan (Section 8.0) states that, for groundwater monitoring wells, one casing volume will be purged, and then purge water will be monitored continuously for stability parameters pH, temperature, and electrical conductivity until parameters stabilize or six bore volumes have been purged, whichever comes first. The same procedures are required for leachate wells E-05, E-06, and E-07, but purging and measurement of stabilization parameters is not applicable for the subdrain samples, the vadose zone sample, or the samples collected from the GWIB, or leachate sample locations VD1, LS1, and LS2.

As discussed in the March 2006 Community Monitor Progress Report, the purging procedures described above have not always been followed. During the fourth quarter 2005, well E-21 was sampled before the turbidity had stabilized and only one set of stabilization parameters were collected from leachate monitoring wells E-05 and E-07, so it is unclear if stabilization was achieved before the leachate monitoring wells were sampled. It can't be determined what effect this had, if any, on the analytical results for these wells. However, in order to obtain representative and comparable samples, the procedures in the Sampling and Analysis Plan should be consistently followed. It appears that Waste Management's consultants, SCS Engineers, will

be collecting 3 sets of stability parameters from the leachate monitoring wells E-05 and E-07 during future monitoring events. TechLaw will continue to review the monitoring reports and, if the procedures outlined in the monitoring program are not followed, we will bring the issue to the attention of Waste Management and the CMC.

LANDFILL INSPECTION 4/11/06 (Conducted by TechLaw Senior Engineer, Lori Koch)

DOCUMENTATION MAINTAINED AT LANDFILL

Asbestos Daily Records 3/13/06 to 4/11/06

Water ponding was noted in front of the 'decon' trailer that needed filling. The only other 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 1/13/06 to 2/9/06

Items removed from loads during this period include microwaves, monitors, electronic devices, tires, and a dryer. WM is required to do at least four load checks per month; however, the practice is to do at least four per week. Load check forms are also completed anytime an item is removed from a load apart from a planned load check. Therefore, according to the load check reports, load checks are done much more often than required, up to several per day.

Special Occurrences Log

On April 5 an operator cut his hand when pulling out a stuck vehicle.

Notice of Violation Record - BAAQMD

None since last inspection.

Local Enforcement Agent (LEA) Reports 2/3/06 to 3/28/06

There was some exposed waste from vehicle tracks noted on 3/28/06; this was corrected. There were no violations.

VOC Laden Soil Reports

VOC contaminated soil was disposed of on 3/31/06 and 3/7/06. The total tons received in March was 778.34. The total carbon through 3/23 was calculated to be 21.19 ppm.

↳ to class 2 area

OBSERVATION OF ENVIRONMENTAL CONTROLS

Dust

Rain during the morning; no dust due to wet conditions.

Vectors

Some birds are present at tippers, but gulls are absent; they appear to be gone for the season.

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. Significant erosion was observed in the closed portion of the landfill but none elsewhere in the cover. Conditions are extremely muddy.

Litter

There was very little litter observed on Altamont Pass Road in either direction. Also, little litter observed at the landfill, probably due to wet conditions.

TRUCK TRAFFIC

No truck counts were performed during this inspection.

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

- Extremely muddy conditions; some ponding; the road bed is solid and apparently stable in spite of muddy conditions.
- Observed the tippers in operation.
- Observed stockpiles of auto shredder cover and stockpiled sand.
- Observed the asbestos area; the fence will be installed when the area dries out sufficiently.
- The on-site composting facility has received approval from Alameda County Environmental Health, but is awaiting air permit.

- There is still significant erosion in the final cover of the closed area. This area will be repaired when conditions permit.

LANDFILL INSPECTION 5/17/06 (Conducted by Lori Koch and TechLaw Geologist, Tommy Poole)

DOCUMENTATION MAINTAINED AT LANDFILL

Load Check Reports (through 5-3-06)

Since the last inspection, TV monitors, microwaves, electronic devices, a tire, and carpet have been pulled from loads.

Asbestos Disposal Area Daily Operating Inspection Records (through 5-9-06)

The permanent fence was still not intact as of 5-9-06; (however, it was installed by the date of the inspection).

Special Occurrences Log

On 4/18/06 a third party truck loaded with auto shredder overturned. There were no injuries. On 5/1/06 a third party truck damaged the wash rack.

Notice of Violation Record - BAAQMD

None since last inspection.

OBSERVATION OF ENVIRONMENTAL CONTROLS

Dust

Conditions somewhat dusty. 12- 15 mph winds contribute to dust observed. Water trucks are working roads, but slopes can't be watered.

Vectors

Very few birds present and gulls are still absent.

Cover

Erosion is still present in the closed portion of the landfill; a contract has been issued to Boston Pacific to conduct the repairs to the cover in the first weeks in June. Intermediate cover was being spread over auto shredder daily cover on some slopes. The LEA was concerned that the

intermediate cover was not adequate in some areas and more soil was placed while we were there.

Odors

There were odors downwind of stockpiled green waste, otherwise air is very fresh; probably due to winds.

Litter

Some litter is present. Litter fences seem to be effective.

TRUCK TRAFFIC

No truck counts were performed during this inspection.

TOUR OF THE LANDFILL WITH THE LEA (KAREN MOROZ) AND WM ENVIRONMENTAL COMPLIANCE SPECIALIST (TERESA DOMINIQUE)

- Observed waste disposal in the public area. An empty freon cannister was found and pulled for proper disposal.
- Observed the installation of intermediate cover. The daily cover (auto shredder) must be covered with soil within 180 days. The LEA was concerned that the cover was too thin, since trash was visible. More soil was placed while we were there.
- Observed tipping. The pad was recently watered and in good condition..
- Observed the asbestos area; the fence has been repaired, but the gate is pending.
- Observed C & D waste stockpiles and looked for hazards such as light ballast; none observed.

mat contains mercury.

ALTAMONT CMC WEBSITE

A public area has been created on the Altamont CMC website. The most recent progress report and the most recent presentation have been posted to the public area. TechLaw is currently updating and rearranging the files that are accessible to the CMC only. The login information for CMC members will be distributed via email to the CMC members.

FUTURE WORK

TechLaw will conduct landfill inspections June and July, review monthly tonnage reports and any environmental compliance documents prepared by WM or their contractors, and respond to any requests from the Community Monitor Committee.

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.