



COMMUNITY MONITOR COMMITTEE

Altamont Landfill Settlement Agreement

*** The Public is Welcome to Attend***

VOTING MEMBERS

Chair
Jeff Williams
City of Livermore

Cindy McGovern
City of Pleasanton

Donna Cabanne
Sierra Club

David Tam
Northern California
Recycling Association

NON-VOTING MEMBERS

Tianna Nourot
Waste Management
Altamont Landfill and
Resource Recovery
Facility

Wing Suen
Alameda County

Robert Cooper
Altamont Landowners
Against Rural
Mismanagement (ALARM)

STAFF

Judy Erlandson
City of Livermore
Public Works Manager

AGENDA

DATE: **Wednesday, July 13, 2011**
TIME: **4:00 p.m.**
PLACE: City of Livermore
Maintenance Services Division
3500 Robertson Park Road

1. Call to Order
2. Introductions
3. Roll Call
4. Approval of Minutes (January 12, 2011, and April 13, 2011)
5. Open Forum This is an opportunity for members of the audience to comment on a subject not listed on the agenda. No action may be taken on these items.
6. Matters for Consideration
 - 6.1 **Voting Requirements (City of Livermore Staff)**
 - 6.2 **Regional Water Board Inspection Report (ESA)**
 - 6.3 **Review of Reports from Community Monitor (ESA)**
7. Agenda Building

This is an opportunity for the Community Monitor Committee Members to place items on future agendas.
8. Adjournment

The next regular Community Monitoring Committee meeting will take place at 4:00 p.m. on October 12, 2011 at 3500 Robertson Park Road, Livermore.

Informational Materials:

- Community Monitor Roles and Responsibilities
- List of Acronyms
- January 12, 2011 and April 13, 2011 Draft Minutes
- Reports from ESA

City of Livermore
TDD (Telecommunications for the Deaf)
(925) 960-4104

PURSUANT TO TITLE II OF THE AMERICANS WITH DISABILITIES ACT (CODIFIED AT 42 UNITED STATES CODE SECTION 12101 AND 28 CODE OF FEDERAL REGULATIONS PART 35), AND SECTION 504 OF THE REHABILITATION ACT OF 1973, THE CITY OF LIVERMORE DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, NATIONAL ORIGIN, ANCESTRY, SEX, DISABILITY, AGE OR SEXUAL ORIENTATION IN THE PROVISION OF ANY SERVICES, PROGRAMS, OR ACTIVITIES. TO ARRANGE AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PUBLIC MEETING, PLEASE CALL (925) 960-4586/4582 (VOICE) OR (925) 960-4104 (TDD) AT LEAST 72 HOURS IN ADVANCE OF THE MEETING.

The Community Monitor Committee Agenda and Agenda Reports are prepared by City staff and are available for public review on the Thursday prior to the Community Monitor Committee meeting at the Maintenance Service Center, located at 3500 Robertson Park Road, Livermore. The Community Monitor Committee Agenda is available for public review at the Civic Center Library, located at 1188 S. Livermore Avenue, Livermore, and on the bulletin boards located outside City Hall, located at 1052 S. Livermore Avenue, Livermore, and the Maintenance Service Center.

Under Government Code §54957.5, any supplemental material distributed to the members of the Community Monitor Committee after the posting of this Agenda will be available for public review upon request at 3500 Robertson Park Road., Livermore or by contacting us at 925-960-8000.

If supplemental materials are made available to the members of the Community Monitor Committee at the meeting, a copy will be available for public review at the Maintenance Service Center, at 3500 Robertson Park Road, Livermore

Community Monitor Committee Roles and Responsibilities

Below is a summary of the duties and responsibilities of the Community Monitor Committee and related parties as defined by the Settlement Agreement between the County of Alameda, the City of Livermore, the City of Pleasanton, Sierra Club, Northern California Recycling Association, Altamont Landowners Against Rural Mismanagement, and Waste Management of Alameda County, Inc. The purpose of this document is to aid in determining if discussion items are within the scope of the Community Monitor Committee.

Community Monitor Committee's Responsibilities

Under Settlement Agreement section 5.1.2, the CMC is responsible for supervising and evaluating the performance of the Community Monitor as follows:

- A. Interviewing, retaining, supervising, overseeing the payment of, and terminating the contract with the Community Monitor;
- B. Reviewing all reports and written information prepared by the Community Monitor; and
- C. Conferring with the Community Monitor and participating in the Five Year Compliance Reviews (next due 8/22/2010) and the Mid-Capacity Compliance Review (due when the new cell is constructed and capacity is close to 50%, unlikely to occur before 2028) (Condition number 6 of Exhibit A of the Agreement).

Community Monitor's Responsibilities

The Community Monitor supplements and confirms the enforcement efforts of the County Local Enforcement Agency. The Community Monitor is primarily responsible for:

- A. Reviewing any relevant reports and environmental compliance documents submitted to any regulatory agency (sections 5.7.1, 5.7.2, and 5.7.3);
- B. Advising the public and the Cities of Livermore and Pleasanton about environmental and technical issues relating to the operation of the Altamont Landfill via the CMC (section 5.7.4);
- C. Presenting an annual written report summarizing the Altamont Landfill's compliance record for the year to the CMC and submitting the report to Alameda County and the Cities of Livermore and Pleasanton (section 5.7.5);
- D. Notifying the County Local Enforcement Agency and Waste Management of Alameda County of any substantial noncompliance findings or environmental risk (section 5.7.6);
- E. Monitoring and accessing the Altamont Landfill site and conducting inspections (section 5.7.7);
- F. Counting trucks arriving at the Altamont Landfill (section 5.7.8); and
- G. Reviewing waste testing data and source information (section 5.7.9).

Waste Management of Alameda County's Responsibilities

Per the settlement agreement, Waste Management is responsible for:

- A. Paying for the services of the Community Monitor, based on an annual cost estimate (section 5.3.3).
- B. Paying an additional 20% over the annual cost estimate if warranted based on "credible evidence" (section 5.3.3).

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List of Acronyms

Below is a list of acronyms that may be used in discussion of waste disposal facilities. These have been posted on the CMC web site, together with a link to the CIWMB acronyms page:
<http://www.ciwmb.ca.gov/LEACentral/Acronyms/default.htm>.

Updates will be provided as needed. This list was last revised on July 8, 2010.

Agencies

ACWMA – Alameda County Waste Management Authority
ANSI – American National Standards Institute
ARB or CARB – California Air Resources Board
ASTM – American Society for Testing and Materials
BAAQMD – Bay Area Air Quality Management District
CDFG or DFG – California Department of Fish and Game
CDRRR – California Department of Resources Recycling and Recovery, or CalRecycle
CIWMB – California Integrated Waste Management Board (predecessor to CDRRR – see above)
CMC – Community Monitor Committee
DWR – Department of Water Resources
LEA – Local Enforcement Agency (i.e., County Environmental Health)
RWQCB – Regional Water Quality Control Board
SWRCB – State Water Resources Control Board

Waste Categories

C&D – construction and demolition
CDI – Construction, demolition and inert debris
GSET – Green waste and other fine materials originating at the Davis Street Transfer Station, for solidification, externally processed.
GWRGCT – Green waste that is ground on site and used for solidification or cover (discontinued January 2010)
GWSA – Green waste slope amendment (used on outside slopes of the facility)
MSW – Municipal solid waste
RDW – Redirected wastes (received at ALRRF, then sent to another facility)
RGC – Revenue generating cover

Substances or Pollutants

ACM – asbestos-containing material
ACW – asbestos-containing waste
ADC – Alternative Daily Cover. For more information: <http://www.ciwmb.ca.gov/lqcentral/basics/adcbasic.htm>
BTEX – benzene, toluene, ethylbenzene, and xylene (used in reference to testing for contamination)
CH₄ – methane
CO₂ – carbon dioxide
DO – dissolved oxygen
HHW – household hazardous waste
LFG – landfill gas
LNG – liquefied natural gas
MTBE – methyl tertiary butyl ether, a gasoline additive
NMOC – Non-methane organic compounds
NTU – nephelometric turbidity units, a measure of the cloudiness of water
RL – reporting limit: in groundwater analysis, for a given substance and laboratory, the concentration above which there is a less than 1% likelihood of a false-negative measurement.
TCE - Trichloroethylene
TDS – total dissolved solids
TKN – total Kjeldahl nitrogen
VOC – volatile organic compounds

Documents

CCR – California Code of Regulations (includes Title 14 and Title 27)
CoIWMP – County Integrated Waste Management Plan
JTD – Joint Technical Document (contains detailed descriptions of permitted landfill operations)
MMRP – Mitigation Monitoring and Reporting Program
RDSI – Report of Disposal Site Information
RWD – Report of Waste Discharge
SRRE – Source Reduction and Recycling Element (part of CoIWMP)
SWPPP – Stormwater Pollution Prevention Plan
WDR – Waste Discharge Requirements (Water Board permit)

General Terms

ALRRF – Altamont Landfill and Resource Recovery Facility
BGS – below ground surface
CEQA – California Environmental Quality Act
CQA – Construction Quality Assurance (relates to initial construction, and closure, of landfill Units)
CY – cubic yards
GCL – geosynthetic clay liner
GPS – Global Positioning System
IC engine – Internal combustion engine
LCRS – leachate collection and removal system
LEL – lower explosive limit
mg/L – milligrams per liter, or (approximately) parts per million
µg/L – micrograms per liter, or parts per billion
PPE – personal protective equipment
ppm, ppb, ppt – parts per million, parts per billion, parts per trillion
SCF – Standard cubic foot, a quantity of gas that would occupy one cubic foot if at a temperature of 60°F and a pressure of one atmosphere
SCFM – standard cubic feet per minute, the rate at which gas flows past a designated point or surface
STLC – Soluble Threshold Limit Concentration, a regulatory limit for the concentrations of certain pollutants in groundwater
TTLC – Total Threshold Limit Concentration, similar to STLC but determined using a different method of analysis
TPD, TPM, TPY – Tons per day, month, year
WMAC – Waste Management of Alameda County



*COMMUNITY MONITOR
COMMITTEE
Altamont Landfill Settlement Agreement
Minutes of January 12, 2011*

DRAFT

1. Call to Order
Mr. Williams called the meeting to order at 4:05 p.m.

2. Introductions
Kathleen Minser from Waste Management was introduced.

3. Roll Call

Members Present:	Jeff Williams; Donna Cabanne; David Tam; (arrived 4:09 PM); Tianna Nourot, Waste Management Altamont Landfill and Resource Recovery Facility (ALRRF) and Wing Suen, Alameda County Environmental Health
Absent:	Cindy McGovern, City of Pleasanton, and Robert Cooper, Altamont Landowners Against Rural Mismanagement
Staff:	Judy Erlandson, City of Livermore Public Works Department; Kelly Runyon, ESA, Community Monitor
Others:	Kathleen Minser, Waste Management, Inc.

Committee Chairman Williams reordered the agenda.

6. Matters for Consideration
 - 6.1 Responses to Committee Members' Questions
In response to questions from Committee members at the November meeting regarding the appearance of the Dyer Road reservoir construction project, Mr. Runyon presented a photograph providing a panoramic view of the project. Mr. Tam arrived during this presentation. In discussion, Committee members expressed interest in the final appearance of this project. Mr. Williams asked Ms. Erlandson to provide any readily available additional information, such as a web site that describes the project, via email to Committee members.

4. Approval of Minutes
Approval of the minutes of the November 10, 2010 meeting was moved by Ms. Cabanne, and seconded by Mr. Williams. The motion passed 3-0.

5. Open Forum

No comments were provided.

6. Matters for Consideration (continued)

6.2 Community Monitor Updates

Mr. Runyon reported that the final Class 2 soil file review of 2010 had occurred just a few days prior to this meeting, with 52 files reviewed. No discrepancies were found. However, the review of two files was incomplete because the analytical data in those files was provided on CD-ROM, and the reviewer did not have a way to read those data at the time. They will be checked at the next review.

Mr. Runyon also reported that tonnage and truck count information for October and November had been received and reviewed, and was found to be in compliance with permit restrictions.

6.3 Review of Reports from Community Monitor

Mr. Runyon reviewed the tonnages of particular types of materials, noting monthly variations. In response to a question from Mr. Williams, Ms. Nourot indicated that the variation in tonnage of certain types of revenue-generating cover, such as biosolids and Class 2 soil, are market-driven, in response to customers' needs. In discussion, Mr. Runyon pointed out that biosolids tend to be disposed in summer months when they are easier to extract, dry out, and ship. Mr. Tam asked Ms. Nourot about the total tonnage received in calendar year 2010. Ms. Nourot replied that the December data are still being compiled but would be available soon. In presenting the inspection reports, Mr. Runyon pointed out that in October it was apparent that the landfill was catching up on the collection of windblown litter to the east of Fill Area 1; and in November he observed vegetation growing on some recently completed slopes, more so than on other slopes completed months ago.

6.4 Annual Report

Mr. Runyon pointed out that the previous practice of reviewing a report outline, then a draft report at the next meeting, followed by a final report, previously resulted in a final report being completed in June; however, the recent change from a bimonthly to a quarterly meeting schedule would add three months to that effort. Therefore a draft report, not an outline, was being presented to the Committee for review and comment. In addition, two new sections were included in this draft: Section 2.2 explicitly discussed compliance issues that arose in 2010, and Section 2.4 described the Five-Year Permit Review process which began in 2010.

In discussion, Committee members expressed immediate interest in two aspects of Section 1.3.1, Industry Trends. First, Mr. Williams asked that a bullet point be added to discuss the effects of AB 32 on the ALRRF, and he also asked the group what effects are known. Ms. Nourot and Mr.

Runyon only knew of the more stringent requirements on landfill surface emission monitoring to detect escaping methane. Mr. Williams asked Ms. Erlandson to look up any other effects and provide information for use in the final version of the Annual Report.

Second, Mr. Tam stated that there is now a surplus of landfill capacity in the Bay Area, and he provided a table and report to Ms. Erlandson and Committee members to substantiate this. Mr. Williams stated that the 2010 Annual Report need not provide information about other sites, but should note that the local situation is subject to change. Mr. Tam and Ms. Suen also briefly discussed the status of decision making by the City of San Francisco regarding the selection of a hauler and disposal site for their wastes after the current agreement to use the ALRRF concludes in three to four years.

At the conclusion of this discussion, Ms. Erlandson asked that further comments on the Annual Report be forwarded to her within the next month to allow time for responses to be included in the final version. Mr. Williams asked that Ms. Erlandson contact Ms. McGovern and let her know that comments should be made in that time frame. Mr. Runyon stated that he would provide the final version in two formats, with one showing all revisions made and the other being a clean copy for distribution.

7. Agenda Building

No Agenda building occurred.

8. Adjournment

The meeting was adjourned at 4:50 PM. The next meeting will be held on **Wednesday, April 13, 2011 at 4:00 p.m.** at the Livermore Maintenance Services Center at 3500 Robertson Park Road.

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*COMMUNITY MONITOR
COMMITTEE
Altamont Landfill Settlement Agreement
Minutes of April 13, 2011*

DRAFT

1. Call to Order
Mr. Williams called the meeting to order at 4:02 p.m.

2. Introductions
Kathleen Minser from Waste Management was recognized.

3. Roll Call

Members Present:	Jeff Williams; Donna Cabanne; Cindy McGovern; Tianna Nourot, Waste Management Altamont Landfill and Resource Recovery Facility (ALRRF) and Wing Suen, Alameda County Environmental Health
Absent:	David Tam, Northern California Recycling Association; Robert Cooper, Altamont Landowners Against Rural Mismanagement
Staff:	Judy Erlandson, City of Livermore Public Works Department; Kelly Runyon, ESA, Community Monitor
Others:	Kathleen Minser, Waste Management, Inc.

4. Approval of Minutes
Approval of the minutes of the January 12, 2011 meeting was tabled by the Chair due to the possible lack of a majority. With three (of four) members present and Ms. McGovern abstaining because she was absent from the January 12 meeting, approval of the January 12 minutes may not have been possible. Ms. Erlandson was asked to check if two members constitute a majority when only three are present.

5. Open Forum
No comments were provided.

6. Matters for Consideration
 - 6.1 Status of Five-Year Permit Review
Mr. Runyon provided a verbal update to the memorandum on this topic in the current agenda packet. He stated that the permit review process is complete; the new permit has been issued, dated August 2010; and there is no material change from the prior permit. Ms. Suen added that the LEA continues to work with ALRRF staff to finalize some details within the Joint Technical Document,

but all that is needed currently is confirmation from the permitting unit at CalRecycle that the latest changes are acceptable.

6.2 Responses to Committee Members' Questions

Mr. Runyon summarized the memorandum explaining the effects of AB 32 (which addresses greenhouse gas emissions in California) that impact the ALRRF. These are more stringent requirements regarding monitoring the landfill surface for escaping landfill gas. Committee members briefly discussed the timing of the annual report that the ALRRF will produce to summarize monitoring and compliance.

6.3 Review of Reports Provided by ALRRF verbiage.

Title V (air quality) Report – Mr. Runyon summarized recent surface emissions monitoring (much improved: few surface leaks, promptly repaired) and explained the biannual Target Gas Collection Rate test, which the ALRRF performed and passed. Ms. McGovern asked for an explanation of the unscheduled outages of the LNG plant. Ms. Nourot replied that wet weather sometimes causes a problem at the nearby flare, and when the flare shuts down, the LNG plant shuts down because it relies on the flare to destroy its byproducts. Committee members also discussed the granting of waivers for landfill gas extraction wells that operate at temperatures above 140 °F. Mr. Runyon and Ms. Nourot explained the reasons for high temperatures and the criteria that are used to prevent fire in these circumstances. Mr. Runyon described refuse placement during 2010, and Mr. Williams asked if the landfill was nearing its final height. Mr. Runyon replied that the elevation of the highest areas is in the high 1100's (feet above sea level) and the limit is 1200.

Second Semi-Annual / Annual Groundwater Monitoring Report – Mr. Runyon described his concern that low levels of organic compounds (generally, common lab cleaning agent and solvents) were found in several “blank” samples (used for quality control). In addition to the Groundwater Monitoring report, ESA and Treadwell & Rollo reviewed the laboratory's Quality Assurance Plan, and the lab results were generally within the limits set by that Plan. The process by which the Regional Water Board would indicate a concern about such an issue was discussed. Ms. Nourot indicated that the Community Monitor would learn of communication from the Water Board when reviewing the subsequent semi-annual report.

Ms. McGovern noted that one of the stormwater basins had not yet been tested, and asked if that would occur at a future time. Ms. Nourot replied that the basin would be tested if it began to discharge during operating hours.

In discussion of the Groundwater memo prepared by Treadwell and Rollo, Ms. Cabanne expressed concern about high concentrations of arsenic and antimony in the valley drain and leachate sump samples. She asked to be kept informed of any reaction from the Regional Water Board, and to be advised if

concentrations increased further. Mr. Runyon pointed out that as Constituents of Concern, arsenic and antimony levels are only tested every five years.

Ms. Cabanne also asked if the Regional Water Board has commented about the quality of the lab work for this report, or about the high concentrations previously noted at well E-20B. Ms. Nourot replied that they have not.

Class 2 Soil File Reviews – Mr. Runyon summarized evaluations to date and mentioned that review of two files had to be postponed because their data was on CD, not a printed report. Ms. McGovern asked if the sources of that data (and soil) were known. Mr. Runyon replied that to protect confidentiality, only the reviewer knew the source.

6.4 Review of Reports From Community Monitor

Mr. Runyon summarized reports of site visits and tonnage data for January and February 2011:

- Truck counts in January were well within limits
- An erosion problem above Basin B has been noted and will be tracked
- The windblown litter problem appears to be improving

6.5 Community Monitor Annual Report

Mr. Williams indicated the need to correct the year, in the date on the title page of the report. Ms. McGovern asked if the 750-acre conservation easement has been established. Ms. Nourot indicated that it has. Mr. Williams asked if work on the reservoir has been completed. Mr. Runyon responded that in March, it appeared that work was still taking place. Ms. Cabanne asked if the Community monitor would be informed if the ALRRF puts in a recycling or composting system. Mr. Runyon replied that he would expect to receive copies of information that ALRRF provides to regulatory agencies. Ms. Cabanne asked if composting is being considered. Ms. Nourot stated that Waste Management is considering using a “RAC” system. Ms. Suen responded to a further question from Ms. Cabanne by stating that it would likely take a year, more or less, for such a system to be permitted.

7. Agenda Building

No Agenda building occurred.

8. Adjournment

The meeting was adjourned at 5:05 PM. The next meeting will be held on **Wednesday, July 13, 2011 at 4:00 p.m.** at the Livermore Maintenance Services Center at 3500 Robertson Park Road.

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COMMUNITY MONITOR COMMITTEE STAFF REPORT

TO: Community Monitor Committee Members
 FROM: Dana d'Angelo, Administrative Assistant
 SUBJECT: Voting Requirements of the Community Monitor Committee

RECOMMENDED ACTION

The purpose of this report is to provide information regarding the voting requirements of the Community Monitor Committee (CMC) as defined by the Settlement Agreement between the County of Alameda, the City of Livermore, the City of Pleasanton, Sierra Club, Northern California Recycling Association, Altamont Landowners Against Rural Mismanagement, and Waste Management of Alameda County, Inc. (Settlement Agreement).

This item is for information only, and no action is required.

DISCUSSION

At the April 13, 2011 CMC meeting, the Committee requested clarification with regard to requisite number of votes to take an action (e.g. approval of Minutes) if one Committee Member abstains in a situation where only three of the four Committee members are present.

Section 5.1.1 of the Settlement Agreement reads as follows: "The Community Monitor Committee shall consist of the following four (4) voting members: one (1) member appointed by the Livermore City Council; one (1) member appointed by the Pleasanton City Council; one (1) member appointed by NCRA [Northern California Recycling association], and one (1) member appointed by [the] Sierra Club. *The Committee shall take action by a vote of at least three of the voting members.*"

Therefore, the opinion of Livermore's City Attorney has held that if a quorum of three of the four Committee members is present, all three committee members would have to vote, and vote unanimously, in order to take any action.

Approved by:

Judy Erlandson
Public Works Manager

MEETING DATE:
July 13, 2011

AGENDA ITEM:
6.1

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225 Bush Street
Suite 1700
San Francisco, CA 94104
415.896.5900 phone
415.896.0332 fax

CMC Agenda Item 6.2
www.esassoc.com

memorandum

date June 27, 2011
to ALRRF Community Monitor Committee
from Kelly Runyon
subject CMC Meeting of 7/13/11 - Agenda Item 6.2- Inspection by Regional Water Board staff

The following is an informational item; no action is required.

ALRRF staff have provided a copy of the attached memorandum from the Central Valley Regional Water Quality Control Board (CVRWQCB), summarizing an inspection on May 19 by four CVRWQCB staff (three are named in the memo), including Howard Hold, who is the designated recipient of the semiannual groundwater monitoring reports submitted by ALRRF.

From the memo it appears that the purpose of the inspection was to familiarize CVRWQCB staff with the current status of the landfill, and to examine stormwater controls in particular. They express some concern with the presence of silt in the drainage ditches that are lined with fabric, and with the vegetation on the upper part of the south-facing slope of the landfill, much of which was dead when observed. Each of these conditions might adversely affect stormwater quality in the next rainy season.

Page 5 of the memo includes the statement: "Currently, one of the impoundments has a sacrificial liner that is being used to store rain water for dust control." I believe the term "rain water" should read "raw water" as it is my understanding that this pond holds untreated water for use when the nearby canal cannot be used as a dust control water supply.



Linda S. Adams
Acting Secretary for
Environmental Protection

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

11020 Sun Center Drive, #200, Rancho Cordova, California 95670-6114
(916) 464-3291 • FAX (916) 464-4645
<http://www.waterboards.ca.gov/centralvalley>



Edmund G. Brown Jr.
Governor

Altamont Landfill

JUN 13 2011

Received

7 June 2011

Tianna Nourot, Environmental Manager
Waste Management of Alameda County
Altamont Landfill & Resource Recovery Facility
10840 Altamont Pass Road
Livermore, CA 94551

**INSPECTION REPORT, ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY,
ALAMEDA COUNTY**

On 19 May 2011, Central Valley Water Board staff inspected the Altamont Landfill and Resource Recovery Facility, located in rural Alameda County. Staff observed no violations of the WDRs, but we are concerned about two issues. First, the presence of sediment in the runoff troughs indicates that additional controls are needed to control sediment runoff from the exposed slopes. Secondly, vegetation on the south face appears dead. Before the next wet season, an effort should be made to enhance the health of the slope vegetation. A copy of the inspection report is enclosed for your records.

If you have any questions regarding this inspection, please contact me at 916-464-4679.

HOWARD HOLD, P.G.
Engineering Geologist
Compliance and Enforcement
Title 27 and WDR Programs

Enclosure: 7 June 2011 Altamont Landfill and Resource Recovery Facility Inspection Report

cc: Wing Suen, Alameda County Department of Environmental Health, Alameda
Ken Lewis, Waste Management, Livermore

CIWQS inspection # 4686028

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

INSPECTION REPORT

7 June 2011

DISCHARGER: Waste Management, Inc.

LOCATION & COUNTY: Altamont Landfill and Resource Recovery Facility
 Altamont Pass Road, Livermore, Alameda County

CONTACT(S): Tianna Nourot

INSPECTION DATE: 4 May 2011

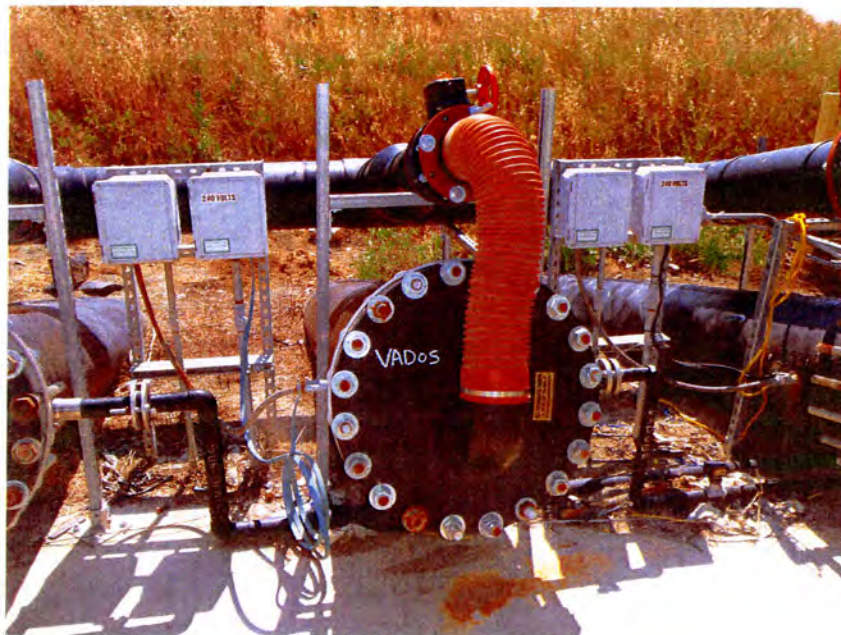
INSPECTED BY: Howard Hold (RWQCB), Brendon Kenny (RWQCB), Bob Ditto (RWQCB),

ACCOMPANIED BY: Tianna Nourot

OBSERVATIONS AND COMMENTS:

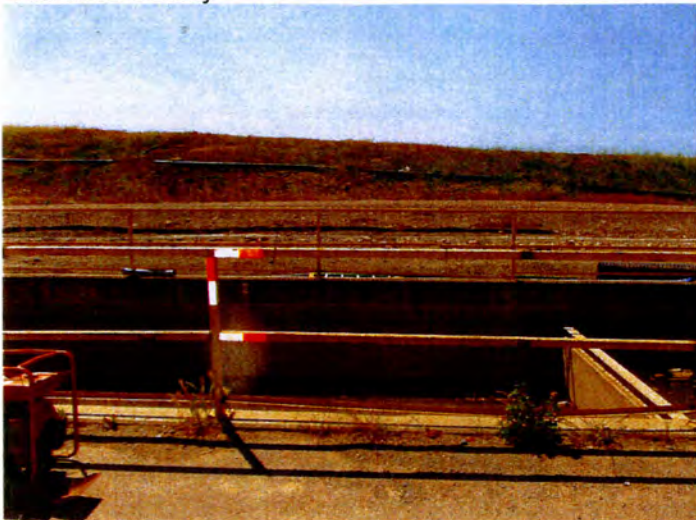
Waste Management of Alameda County, Inc., (Discharger) owns and operates the Altamont Landfill and Resource Recovery Facility. The facility is regulated under Waste Discharge Requirements (WDRs) Order R5-2009-0055 in conformance with California Code of Regulations (CCR) Title 27. The facility is within Alameda County about eight miles east of the city limits of Livermore. The facility covers 3.4 square miles (~2170± acres) immediately north of Altamont Pass Road.

During the inspection, staff did not observe any violations. The following photograph log illustrates the condition of the site during the inspection.



This photograph shows the vadose zone header for the Class II unit in fill area 1.

Approved: [Signature]



Adjacent to the scale house, at the entrance to the operations area, are the sumps for the truck washing operation. Across the access road from the sumps is the tire shredding operation. Both of these operations are identified in Finding 7 of the WDRs as an ancillary facility.



Adjacent to the tire shredding operation is the landfill gas liquefaction plant. Landfill gas is converted to a liquid where it is transported offsite as liquefied methane. Just west of the scale house, across the site access road, is an unlined basin. The Discharger uses this as a fresh water reservoir.



This photograph shows a portion of the operations area. The working face is directly ahead. The photograph shows that the entire area is under interim/daily cover. The only area that is unprotected is the working face.



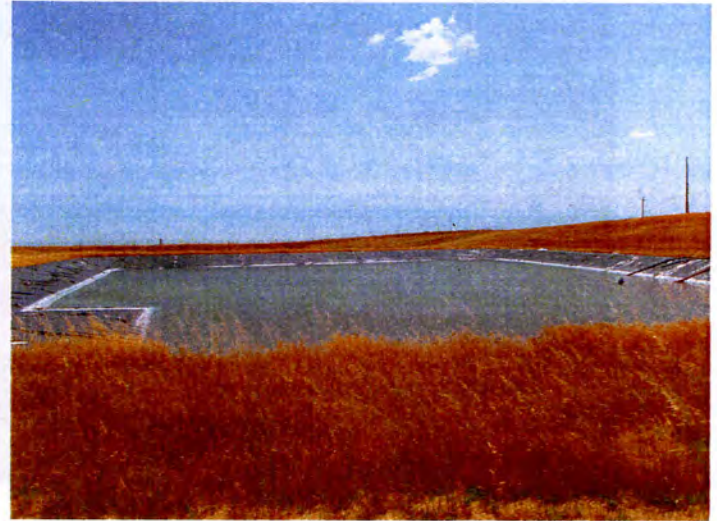
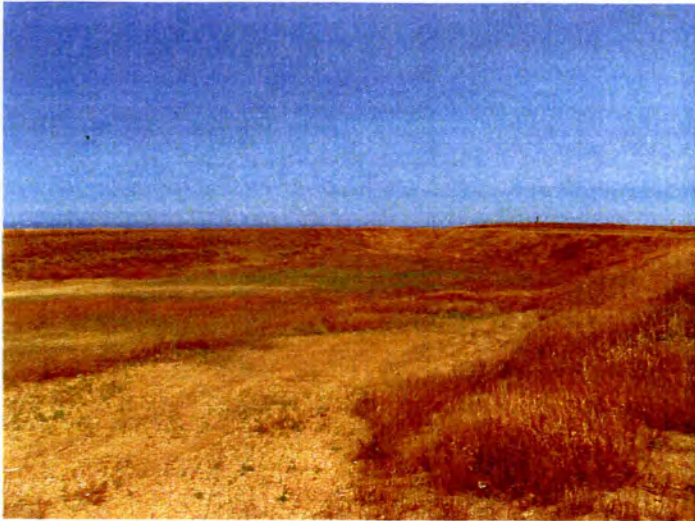
The first picture shows the Discharger's solidification process that receives non-hazardous liquid and semi-solid wastes and grease trap pumpings. Solidification of non-hazardous liquid and semi-solid wastes and grease trap pumpings takes place in clay-lined pits located in the Class II area to prevent rapid infiltration of the discharged liquid waste (see Finding 14 of the WDRs for more detail). The second photograph shows a pile of treated auto shredder waste that is used for alternate daily cover (see Finding 17 of the WDRs for more detail).



The first photograph shows the working face from below. The second photograph shows the trailer tippers lifting the trailers back to dump their loads.



The first photograph shows the screen material that was installed in the runoff ditches as a method for controlling sediment running off the landfill. The presence of sediment in the trough indicates that additional controls are needed to control sediment runoff. The second photograph shows dead vegetation on the landfill slope. Improving the vegetation on the southern slope of the landfill should be part of the landfill's winterization program for the upcoming wet season.



The Discharger has completed grading of the foundations for two new Class II surface impoundments. Currently, one of the impoundments has a sacrificial liner that is being used to store rain water for dust control. No leachate or other liquid waste has or will be discharged to the ponds until the Class II containment system, approved in the WDRs, has been installed. The Discharger explained that the Bay Area Air Quality Management District has prohibited the discharge of leachate into the ponds, because of the volatilization of VOCs. There was no mention when this issue would be resolved and construction would be completed.

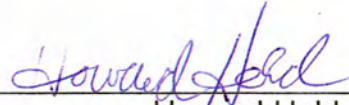


Monitoring well E20B sits on the eastern flank of the landfill. This well has detection of cis 1,2 DCE and vinyl chloride and is currently under corrective action. The photograph also shows the stormwater piping used to move stormwater off the site and into a retention basin.

SUMMARY:

The Discharger appears to be in compliance with their WDRs with regard to their facility operations. Prior to the forthcoming wet season, the Discharger should confirm that their BMPs are properly installed such that silt runoff will be reduced and the health of their slope covering vegetation has improved.

CIWQS inspection # 4686028



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memorandum

date June 27, 2011
to ALRRF Community Monitor Committee
from Kelly Runyon
subject CMC Meeting of 7/13/11 - Agenda Item 6.3- Review of Reports from Community Monitor

Attached are our inspection reports for March, April and May of 2011. The June inspection occurred too late for inclusion in this packet.

The March inspection was announced and took place on March 31.

The April inspection was unannounced and took place on April 28, accompanying the LEA.

The May inspection was announced and took place on May 12 during off hours (5AM).

During these three inspections, all landfill operating areas were observed. Recent LEA inspection reports were reviewed on-line, and the Special Occurrences Log was reviewed or discussed with staff. There were no special occurrences during this period.

In preparing these reports, issues that cause concern are marked with yellow rectangles in the left-hand margins of the monthly inspection reports. For March and April, two erosion problems are noted. Neither of these caused a violation. One problem was repaired immediately and the other, which does not risk exposing refuse, is expected to be repaired later this year after the area has dried out.

Also attached are graphs showing monthly tonnages by type of material for the most recent 12-month period, as in prior reports. Figure 6.3-1 shows the breakdown of materials that make up Revenue-Generating Cover. Figure 6.3-2 shows these same quantities, plus the municipal solid waste tonnage on the lowest (and largest) part of each bar.

ALRRF Community Monitor Monthly Report**March 2011****Reports Received**Monthly Tonnage Report for February 2011, received March 11, 2011

Tonnage Summary:		<u>tons</u>	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	56,718.50	
1.2	Tons Disposed from City of San Francisco TS	27,624.73	
1.3	Other Out of County Disposal Tons	<u>1,569.46</u>	
	subtotal Disposed	85,912.69	
Disposed, By Source Type			
2.1	C&D	197.71	
2.2	MSW	83,669.61	
2.3	Special Wastes	<u>2,045.37</u>	
	subtotal Disposed	85,912.69	
	Difference Not Yet Reconciled	0.00	0.00%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	32.27	
2.5	Revenue Generating Cover	19,167.09	
	Total, 2.1 - 2.5	105,112.05	
Materials of Interest			
2.3.1	Friable Asbestos	737.96	
2.3.2	Class 2 Cover Soils	3,127.23	
2.5.1	Auto Shredder Fluff	12,612.19	
2.5.2	Processed Green Waste/MRF fines, Beneficial Use (GSET)	1,268.83	

ALRRF Community Monitor Monthly Report**March 2011****Site Visit**Site Inspection Mar. 31, 2011, 9:00 to 10:30 AM

- Attended by Kelly Runyon. Escorted by Tianna Nourot. Announced.
- Observed refuse receiving, placement and compaction. Two dozers pushing refuse, and one compactor spreading and compacting. Three tippers available. General public tipping area is alongside tippers. Fill is being placed in a thin lift above highest previous lift, north to south.
- Several small, very shallow ponds are visible in flat areas, apparently due to dust control water running onto areas that have saturated soil.
- An additional set of landfill gas extraction wells is planned for installation this summer.
- Main road between scales and entry to top deck continues to be rough but serviceable.
- Asbestos area appears to be in good condition.
- No green waste, or green + food waste, stockpiles seen on site.
- C&D pile very small; no prohibited materials visible. Scrap metal pile very small also.
- The prepared test plots for cover soil and vegetation are showing minor erosion on steeper slopes; however, this is incidental, as the test is not being conducted.
- Solidification area not active.

Stormwater Controls and Best Management Practices

- Ditches and drains generally clean; some plants beginning to grow in ditches lined with fabric.
- Basin A water level was about 8" below base of mushroom head. Banks were clean. Some windblown plastic in low area near pond inlet. Basin B was above the base of the mushroom head but a few inches below the high water line. Basin C water very close to discharge level. Truck wash secondary pond has approx. 2 feet of freeboard, apparently has not discharged.
- Above Basin B, the erosion at the discharge from the v-ditch to the north appears the same as in February. No further erosion near pond but some additional erosion where water escapes around north end of K-rail. As noted previously, this area will need repair, if not immediately then at the end of the rainy season.
- Concrete V-ditch that flows southward to Basin B along the east edge of the site was clean where observed.

Observation of Environmental Controls

- Litter fences generally were in good repair and very clean.
- Very little windblown litter visible to east of Fill Area 1.
- Bird scare guns and cannon in use. Gulls congregating at new reservoir near Dyer Rd.
- LNG plant reportedly down; its flare (A-16) was operating. Both IC engines were running. Both turbines were operating but the flare at the turbine house was not. Reportedly, both turbines just passed their source tests (air emissions) and flare A-15 at turbine house will be tested soon.

ALRRF Community Monitor Monthly Report

April 2011

Reports Received

Monthly Tonnage Report for March 2011, received April 13, 2011

Tonnage Summary:		<u>tons</u>	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	62,216.45	
1.2	Tons Disposed from City of San Francisco TS	32,189.84	
1.3	Other Out of County Disposal Tons	<u>2,850.37</u>	
	subtotal Disposed	97,256.66	
Disposed, By Source Type			
2.1	C&D	210.44	
2.2	MSW	92,858.44	
2.3	Special Wastes	<u>4,187.78</u>	
	subtotal Disposed	97,256.66	
	Difference Not Yet Reconciled	0.00	0.00%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	94.61	
2.5	Revenue Generating Cover	24,372.94	
	Total, 2.1 - 2.5	121,724.21	
Materials of Interest			
2.3.1	Friable Asbestos	790.28	
2.3.2	Class 2 Cover Soils	11,723.19	
2.5.1	Auto Shredder Fluff	7,750.71	
2.5.2	Processed Green Waste/MRF fines, Beneficial Use (GSET)	1,326.93	

ALRRF Community Monitor Monthly Report**April 2011****Site Visit**Site Inspection Apr. 28, 2011, 3:00 to 4:30 PM

- Attended by Kelly Runyon and Wing Suen. Escorted by Enrique Perez. Unannounced.
- Observed refuse receiving, placement and compaction. Two dozers pushing refuse, and one compactor spreading and compacting. Three tippers available. General public tipping area is alongside tippers. Fill is being placed along the west side of the highest area.
- At public unloading area, several large truckloads of old refuse (previously buried) were seen. These are excavation spoils from construction work being done at Davis Street site, which is partially an old, closed landfill.
- Large pond near former leachate treatment plant still contains water for use while canal is unavailable due to maintenance.
- All asbestos received today has been covered.
- Main road between scales and entry to top deck continues to be rough but serviceable.
- No green waste, or green + food waste, stockpiles seen on site.
- C&D pile larger than previous visit; no prohibited materials visible. Selected general-public loads (typically, contractors) are being sent to the C&D pile to unload. Scrap metal pile very small.
- Solidification area not active.

Stormwater Controls and Best Management Practices

- Ditches and drains generally clean; some plants beginning to grow in ditches lined with fabric. All observed drop inlets (into stormwater pipes and culverts) were clean as well.
- Basin A water level was 6" to 8" below base of mushroom head. Banks were clean. Some windblown plastic remaining in low area near pond inlet. Basin B was about 3 inches below the base of the mushroom head. Basin C was not observed.
Truck wash secondary pond has approx. 6 feet of freeboard, apparently has not discharged.
- An erosion problem on the east side of the asbestos fill, noted during the previous LEA visit, has been repaired.
- A rill in the cover soil immediately to the south of the asbestos area needs to be repaired. After some initial confusion, the LEA and WM staff discussed this at length to be sure the problem was understood.
- Scattered refuse (or litter, tracked or blown in; impossible to tell by observation) was noted and was covered by an equipment operator, while being observed by the LEA. Enrique to send photos to the LEA when the work is complete.

Observation of Environmental Controls

- Litter fences generally were in good repair and clean.
- Very little windblown litter visible to east of Fill Area 1.
- Bird scare guns in use. Many gulls but relatively few other birds on site.
- LNG plant reportedly operating; flare A-16 operating. Both IC engines running. Both turbines were operating but the flare at the turbine house was not.

ALRRF Community Monitor Monthly Report**May 2011****Reports Received**Monthly Tonnage Report for April 2011, received May 13, 2011

Tonnage Summary:		<u>tons</u>	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	62,628.20	
1.2	Tons Disposed from City of San Francisco TS	28,087.11	
1.3	Other Out of County Disposal Tons	1,892.57	
	subtotal Disposed	92,607.88	
Disposed, By Source Type			
2.1	C&D	183.59	
2.2	MSW	86,869.44	
2.3	Special Wastes	5,554.85	
	subtotal Disposed	92,607.88	
	Difference Not Yet Reconciled	0.00	0.00%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	52.87	
2.5	Revenue Generating Cover	21,721.85	
	Total, 2.1 - 2.5	114,382.60	
Materials of Interest			
2.3.1	Friable Asbestos	2,134.17	
2.3.2	Class 2 Cover Soils	8,205.13	
2.5.1	Auto Shredder Fluff	9,852.69	
2.5.2	Processed Green Waste/MRF fines, Beneficial Use (GSET)	1,133.50	

ALRRF Community Monitor Monthly Report**May 2011****Site Visit**Site Inspection May 12, 2011, 5:00 to 6:45 AM

- Attended by Kelly Runyon. Escorted by James Carter. Announced.
- Observed refuse receiving, placement and compaction. Two dozers pushing refuse, and one compactor spreading and compacting. Second compactor operator's shift begins soon. One tipper staffed, with a second ready for next shift and third on standby. General public tipping area is alongside tippers. Fill is progressing southward.
- Refuse transfer truck traffic was light; trucks were being tipped immediately upon arrival.
- Windy weather; windmills operating throughout the vicinity.
- Bins from Livermore and other business now being temporarily stored near the active soil stockpile.
- No green waste, or green + food waste, stockpiles seen on site.
- C&D pile was normal size and had no prohibited materials visible.
- Raw water storage pond has about 5 feet of freeboard.
- Solidification area not active. This area is operated for the same few hours each day, to distribute labor efficiently.

Stormwater Controls and Best Management Practices

- Basin A water level was about 12" below base of mushroom head. Banks were clean. Some windblown plastic is still in low area near pond inlet. Basin B water level was about 4 ft below the high water line. Basin C was not observed.
- Truck wash secondary pond has approx. 6 feet of freeboard, apparently has not discharged.
- The erosional rill previously noted immediately south of the asbestos area has been repaired.
- In ditches lined with fabric, plants are noticeably taller than in previous visits.
- No erosion rills or downcutting seen on side slopes.

Observation of Environmental Controls

- Minimal litter seen along Altamont Pass Road, enroute to the site from the west.
- Litter fences generally were in good repair. Virtually no litter visible to east of Fill Area 1.
- A litter control technique was explained by J Carter: on the top deck of the landfill, mowing tall weeds and ground cover enables windblown litter to move to the litter fences rather than catching on plants; can be picked up more quickly and easily.
- No gulls seen on site.
- LNG plant appeared to be operating; its flare (A-16) was operating. Both IC engines were running. Both turbines were operating but the flare at the turbine house was not. Reportedly, the source test for that flare occurred very recently.

Figure 6.3-1 Monthly Volumes of Revenue-Generating Cover

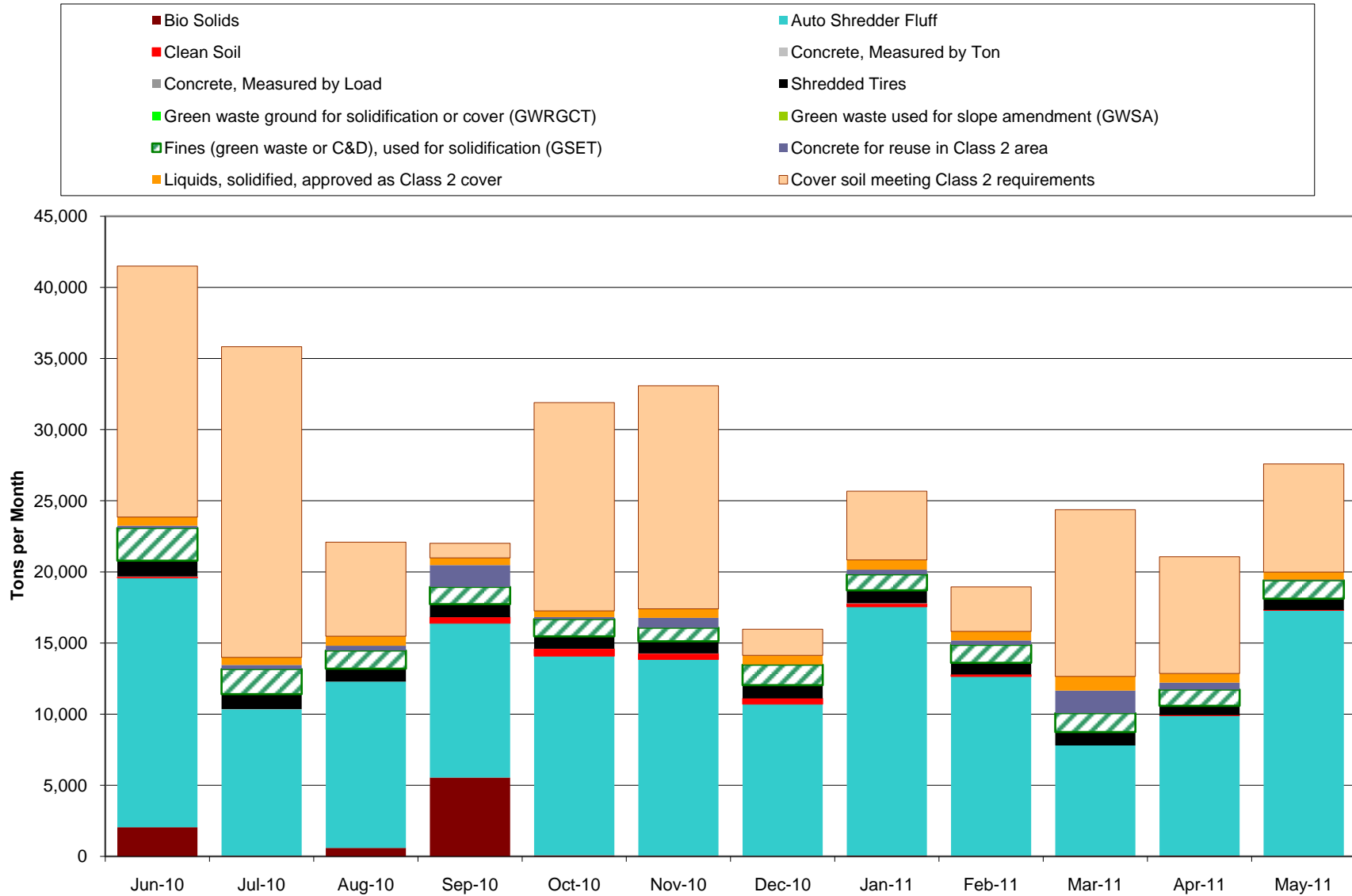


Figure 6.3-2 Monthly Volumes of All Materials

