



# COMMUNITY MONITOR COMMITTEE

## *Altamont Landfill Settlement Agreement*

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

[www.altamontcmc.org](http://www.altamontcmc.org)

### VOTING MEMBERS

Ben Barrientos  
*City of Livermore*

Matthew Gaidos  
*City of Pleasanton*

Donna Cabanne  
*Sierra Club*

Emmanuel Nava  
*Northern California  
Recycling Association*

### NON-VOTING MEMBERS

Sonam Kaur  
Blaine Harrison  
*Waste Management  
Altamont Landfill and  
Resource Recovery  
Facility*

Ryan Hammon /  
David Madieros  
*Alameda County*

Robert Cooper  
*Altamont Landowners  
Against Rural  
Mismanagement (ALARM)*

### STAFF

Judy Erlandson  
*City of Livermore  
Public Works Department*

Anna Zamboanga  
*City of Livermore  
Recycling Specialist*

## AGENDA

DATE: **Wednesday, July 9, 2025**

TIME: **4:00 p.m.**

PLACE: City of Livermore  
Maintenance Services Center  
3500 Robertson Park Road

1. Call to Order
2. Introductions
3. Roll Call
4. Approval of Minutes (From April 9, 2025)
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 Responses to Committee Member Questions**
- 6.2 Water Board Requests**
- 6.3 Review of Documents on GeoTracker website**
- 6.4 PFAS Updates**
- 6.5 Reports from Community Monitor**
- 6.6 Announcements (Committee Members)**

### 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 Monitor Committee meeting is tentatively scheduled to take place at 4:00 p.m. on **October 8, 2025**, at 3500 Robertson Park Road, Livermore.

### Informational Materials:

- Community Monitor Roles and Responsibilities
- List of Acronyms

**City of Livermore**  
**HOW TO PARTICIPATE IN A COMMUNITY MONITOR COMMITTEE MEETING:**

**You can participate in the meeting in a number of ways:**

The **Community Monitor Committee Agenda and Agenda Reports** are prepared by the Community Monitor and City staff and are available for public review on Wednesday evening, seven days prior to the Community Monitor Committee meeting at the Maintenance Service Center, 3500 Robertson Park Road, Livermore. The agenda is also available at <http://altamontcmc.org/>.

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 at the Maintenance Service Center, 3500 Robertson Park Road, Livermore, and included in the agenda packet available at <http://altamontcmc.org/>.

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 CONTACT THE ADA COORDINATOR AT [ADACOORDINATOR@LIVERMORECA.GOV](mailto:ADACOORDINATOR@LIVERMORECA.GOV) OR CALL (925) 960-4170 (VOICE) OR (925) 960-4104 (TDD) AT LEAST THREE (3) BUSINESS DAYS IN ADVANCE OF THE MEETING.

**Submission of Comments Prior to the Meeting:**

**Email Comments** may be submitted by the public to the City of Livermore Public Works Department via email at [SolidWaste\\_Recycling@livermoreca.gov](mailto:SolidWaste_Recycling@livermoreca.gov). Items received by 12:00 pm on the day of the meeting will be provided to the Committee and will be available on the meeting agenda prior to the meeting. These items will not be read into the record.

**Submission of Comments During the Meeting:**

During the meeting, the Open Forum agenda item is an opportunity for the public to speak regarding items not listed on the agenda. Speakers may also provide comments on any item listed on the agenda. Speakers are limited to a maximum of 500 words per person, per item. The Committee is prohibited by State law from taking action on any items that are not listed on the agenda. However, if your item requires action, the Committee may place it on a future agenda or direct staff to work with you and/or report to the Committee on the issue.

For questions regarding the Community Monitor Committee, please contact Public Works at (925) 960-8015.

## **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 CalRecycle acronyms page:

<https://www.calrecycle.ca.gov/lea/acronyms>.

Updates will be provided as needed. This list was last revised on June 23, 2025.

### **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  
BAAD – Bay Area Air District  
CDFW – California Department of Fish and Wildlife (formerly California Department of Fish and Game or CDFG/DFG)  
CDRRR – California Department of Resources Recycling and Recovery, or CalRecycle  
CIWMB – California Integrated Waste Management Board (predecessor to CDRRR – see above)  
CVRWQCB – Central Valley Regional Water Quality Control Board  
CMC – Community Monitor Committee  
DTSC - Department of Toxic Substances Control  
DWR – Department of Water Resources  
EMP – Evaluation Monitoring Plan  
EPA – United States Environmental Agency  
LEA – Local Enforcement Agency (i.e., County Environmental Health)  
RWQCB/Water Board – Regional Water Quality Control Board  
SWRCB – State Water Resources Control Board

### **Waste Categories**

C&D – construction and demolition  
CDI – Construction, demolition and inert debris  
FIT – Fine materials delivered to the ALRRF, measured by the ton.  
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  
TASW – Treated Auto Shredder Waste

### **Water Quality Terminology**

BMP – Best Management Practice – A general term to identify effective means of pollution control, especially in the contexts of stormwater and air quality.  
IDL – Instrument Detection Limit – The smallest concentration of a specific chemical, in reagent grade water, that can be detected, with 99% confidence, with the detection instrument (e.g., the mass spectrometer).  
MCL – Maximum Contaminant Level – The legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act.  
MDL – Method Detection Limit – The smallest concentration of a specific chemical, in a sample that contains other non-interfering chemicals, that can be detected by the prescribed method, including preparatory steps such as dilution, filtration, digestion, etc.  
NAL – Numeric Action Level – A concentration of a stormwater pollutant above which, the discharger must plan to reduce this concentration.  
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.  
SWPPP – Storm Water Pollution Prevention Plan

Substances or Pollutants

ACM – asbestos-containing material

ACW – asbestos-containing waste

ADC – Alternative Daily Cover. For more information:

<https://www.calrecycle.ca.gov/lgcentral/basics/adcbasic>

BTEX – benzene, toluene, ethylbenzene, and xylene (used in reference to testing for contamination)

CH<sub>4</sub> – methane

CO<sub>2</sub> – carbon dioxide

COD – Chemical Oxygen Demand – A measure of the degree to which a wastewater discharge can deplete the oxygen in a body of water.

DO – dissolved oxygen

HHW – household hazardous waste

LFG – landfill gas

LNG – liquefied natural gas

MEK – methyl ethyl ketone

MIBK – methyl isobutyl ketone

MTBE – methyl tertiary butyl ether, a gasoline additive

NMOC – Non-methane organic compounds

NTU – nephelometric turbidity units, a measure of the cloudiness of water

PFAS – Per- and polyfluoroalkyl substances

TCE - Trichloroethylene

TDS – total dissolved solids

TKN – total Kjeldahl nitrogen

TSS – Total Suspended Solids

VOC – volatile organic compounds

Documents

CCR – California Code of Regulations (includes Title 14 and Title 27)

CDO – Cease and Desist Order

ColWMP – County Integrated Waste Management Plan

CUP – Conditional Use Permit

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 ColWMP)

SWPPP – Stormwater Pollution Prevention Plan

WDR – Waste Discharge Requirements (Water Board permit)

General Terms

ALRRF – Altamont Landfill and Resource Recovery Facility

ASP – Aerated Static Pile composting, which involves forming a pile of compostable materials and causing air to move through the pile so that the materials decompose aerobically.

AQI – Air Quality Index

BGS – below ground surface

BMP – Best Management Practice

CASP – Covered Aerated Static Pile (ASP) composting

CEQA – California Environmental Quality Act

CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act

CL – Concentration Limit (statistical limit of background concentrations for specific constituents in groundwater monitoring wells)

CQA – Construction Quality Assurance (relates to initial construction, and closure, of landfill Units)

CY – cubic yards

GCL – geosynthetic clay liner

Rev. 06/23/2025

General Terms (continued)

GPS – Global Positioning System

IC engine – Internal combustion engine

LCRS – leachate collection and removal system

LEL – lower explosive limit

LMR – Landfill Methane Regulation

mg/L – milligrams per liter, or (approximately) parts per million

NAAQS – National Ambient Air Quality Standards

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

RAC – Reclaimable Anaerobic Composter – a method developed by Waste Management, Inc., to place organic materials in an impervious containment, allow them to decompose anaerobically, and extract methane during this decomposition.

RCRA – Resource Conservation and Recovery Act

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

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# COMMUNITY MONITOR COMMITTEE

## *Altamont Landfill Settlement Agreement*

Minutes of April 9, 2025

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### **DRAFT**

1. Call to Order  
The meeting came to order at 4:00 PM.
2. Roll Call  
Members Present: Donna Cabanne, Sierra Club; Ben Barrientos, City of Livermore; Matthew Gaidos, City of Pleasanton; Ryan Hammon, Alameda County Department of Environmental Health (LEA); Blaine Harrison, Sonam Kaur, Marcus Netzt, Altamont Landfill and Resource Recovery Facility (ALRRF)  
  
Absent: Alexandra Hoffmann-Bradley, Northern California Recycling Association (NCRA); Robert Cooper, Altamont Landowners Against Rural Mismanagement (ALARM)  
  
Staff: Judy Erlandson, Anna Zamboanga, City of Livermore; Mukta Patil and Megan Rollo, Langan/Community Monitor
3. Introductions  
All those present introduced themselves.
4. Approval of Minutes of January 8, 2025 meeting  
The approval of the Minutes of January 8, 2025 meeting, has been moved to the July 9, 2025, meeting as there was not a quorum for a vote, as Mr. Gaidos did not attend the January 8, 2025 meeting and Ms. Hoffmann-Bradley was absent.
5. Open Forum  
Ms. Erlandson requested that the Minutes be discussed at the end of the agenda to give time for members who had attended the January 8, 2025 meeting to arrive and offer their approval.
6. Matters for Consideration  
  
6.1 Responses to Committee Member Questions

Ms. Rollo presented the responses to the committee members questions from the January 8, 2025, meeting. There were no comments or questions for this item. Mr. Barrientos closed item 6.1.

#### 6.2 Water Board Requests

Ms. Rollo presented the Water Board Request table. New items added to the table were discussed. Ms. Cabanne requested the Community Monitor continue to track the status of the pending AOC 13 in the table. Ms. Rollo agreed she would do so. There were no additional comments or questions on the item.

Mr. Barrientos closed item 6.2.

#### 6.3 Review of Documents on Geotracker

Ms. Rollo presented the Review of Documents on Geotracker. Mr. Gaidos asked the Community Monitor what warrants a Notice of Violation to be issued to the landfill. Ms. Rollo described the circumstance of the AOC presented within this table, but also more generally why and how the landfill could be presented with an AOC from the Water Board. There were no additional comments or questions on this item.

Mr. Barrientos closed item 6.3.

#### 6.4 Review of Reports from ALRRE

Ms. Patil presented item 6.4.1, the Groundwater Monitoring Report. Mr. Gaidos asked about Figure 6.4-1 and Ms. Patil explained its significance and the history behind each figure presented in the text of the report. Ms. Cabanne requested that the Community Monitor continue to track wells E-05R, E-07 and wells within FA1. Additionally, Ms. Cabanne requested the Community Monitor continue to track MTBE presence. The Community Monitor agreed to continue to track these items. Ms. Patil presented item 6.4.2, the Air Emissions Report. There were no comments or questions on this item.

Mr. Barrientos closed item 6.4.

#### 6.5 PFAS Update

Ms. Patil presented item 6.5, PFAS Update. New items presented included executive orders issued by the new administration, and how the Community Monitor expects this to impact PFAS regulations as it relates to the landfill. Ms. Cabanne requested the Community Monitor track the State of California's response to the executive orders and possible State regulation instated for PFAS. There were no additional comments or questions for the item.

Mr. Barrientos closed item 6.5.

#### 6.6 Reports from Community Monitor

Ms. Rollo presented item 6.6, Reports from Community Monitor. Ms. Rollo presented most notable items related to site visits conducted for the Q1 period. Ms. Cabanne asked what the



Community Monitor meant by “highside” in relation to a special occurrence at the landfill. Ms. Rollo explained this was the kind of truck involved in the special occurrence. There were no additional comments or questions on this item.

Mr. Barrientos closed item 6.6.

6.7 Announcements

There were no announcements.

6.8 Community Monitor RFP Process

Item 6.8 was a closed session to discuss the Community Monitor RFP status and process.

7. Agenda Building

There were no agenda building items.

8. Adjournment

The meeting was adjourned around 4:55 p.m. The next meeting will be held on Wednesday July 9, 2025, at 4:00 p.m. at the Livermore Maintenance Services Center at 3500 Robertson Park Road.

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135 Main Street San Francisco, CA 94105 T: 415.955.5200 F: 415.955-5201

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**To:** ALRRF Community Monitor Committee

**From:** Langan – Community Monitor

**Date:** July 9, 2025

**Re:** **CMC Meeting of 7/9/2025 - Agenda Item 6.1 - Responses to Committee Members' Questions**

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Questions from the April 8, 2025, meeting unless otherwise stated.

**State of California response to PFAS executive orders:**

No updates on the State of California – Regional Water Quality Control Board or Governor Newsom administration, on discharge regulations pertaining to PFAS.

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135 Main Street San Francisco, CA 94105 T: 415.955.5200 F: 415.955.5201

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**To:** Community Monitor Committee

**From:** Langan – Community Monitor

**Date:** July 9, 2025

**Re:** **CMC Meeting of 7/9/25 – Agenda Item 6.2 – Central Valley Regional Water Quality Control Board (CVRWQCB) Requests Progress Update**

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The Central Valley Regional Water Quality Control Board (CVRWQCB) issued Cease and Desist Order<sup>1</sup> (CDO) R5-2021-001 for the ALRRF on April 22, 2021. In the CDO, the CVRWQCB alleged the ALRRF was being operated outside of applicable federal and state regulations, and the Waste Discharge Requirements (WDRs). The CDO provided a list of various items the Discharger (ALRRF) had performed out of compliance and a time schedule with specific requirements to compel the Discharger to resolve past compliance issues, achieve compliance with Title 27 and the WDRs, and conform to its Notice of Applicability (NOA) in a time frame acceptable to the CVRWQCB.

Table 6.2.2 provides an update of the CVRWQCB requests, including the requirements outlined in the CDO, the expected completion timeline and progress that has been made on each item. Any Areas of Concern (AOCs) or Violations that were included in the previous packets that have been resolved are not included in the updated table.

The Community Monitor will continue to review items on GeoTracker and discuss with WMAC during site visits to provide updates on the work and deliverables requested by the CVRWQCB.

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<sup>1</sup> According to California Water Code Section 8701.2 - Cease and desist order, if the Water Board or executive officer determines that any person or public agency has failed to adequately respond to a notice of violation, the board or executive officer may issue an order directing that the person or public agency to whom the notice of violation was issued to cease and desist. A cease and desist order is an order by an administrative agency that requires certain practices specified to stop.

**Table 6.2-2**  
**Tracking Table for Water Board Requests**  
**Altamont Landfill Resource and Recovery**  
**Livermore, CA**

CMC Meeting of 7/9/25- Agenda Item 6.2  
Langan Project: 750657606  
July 2025

Task	Due Date	Completed	Comments
<b>Cease and Desist Order (CDO) R5-2021-001</b>			
1. Update the Sampling and Analysis Plan for the interim POC detection monitoring program	7/21/2021 4/4/2022	Yes, revised plan submitted on 4/4/22	
2. Revise the background water quality values and update the concentration limits (CLs)	4/21/2022	Yes, submitted on 5/13/22	
3. Install groundwater monitoring wells (interim and final) for FA2			
(a) Work plan to install the groundwater monitoring wells (interim and final) for FA2	7/21/2021	Yes, submitted on 7/20/21	
(b) Install Interim POC Wells	Ongoing	Ongoing	
(c) Report installation within 60 days of installing any new groundwater monitoring well or soil gas monitoring well.	Ongoing	Ongoing	
(d) Install Final Permanent FA2 limit wells	2021 and 2022	Yes, installation report submitted on 12/2/2021	
(e) Report installation within 60 days of installing any new groundwater monitoring well or soil gas monitoring well.	Ongoing	Ongoing	Monitoring well installations have been reported within schedule.
(f) Implementation of a Water Quality Monitoring and Response Program for FA2 Unit 1		Yes, completed with the SAP revisions and new monitoring well network.	
4. Install soil gas monitoring wells (interim and final) for FA1 and FA2			
(a) Work plan to install the soil gas monitoring wells (interim and final) for FA1 and FA2	7/21/2021	Yes, submitted on 8/3/2021	
(b) Install Interim Monitoring Wells FA1	Week of May 31, 2021	Yes, submitted on 7/20/21	
(c) Install Interim Monitoring Wells FA2	9/21-10/21; 2021-2025	Ongoing	Same schedule as item 3(b).
(d) Report installation within 60 days of installing any new groundwater monitoring well or soil gas monitoring well.	Ongoing	Ongoing	Monitoring well installations have been reported within schedule.
(e) Install Final Monitoring Wells		Yes, installation report submitted on 12/2/2021	
5. Surface Water Monitoring Plan to conduct surface water monitoring for surface water flowing out of FA2	7/21/2021	Yes, submitted on 7/16/21	
(a) Surface Water Monitoring		Yes, Second Semiannual 2021 results submitted on 2/1/22	
6. Document the results of the MW-4A evaluation monitoring program (including groundwater and soil gas sampling) in separate corrective action status reports to be submitted semi-annually	8/1/2021	Yes, second report submitted on 2/1/22	
7. Groundwater and soil gas monitoring network along the northern and eastern limits of FA1			
(a) Work plan to install the groundwater and soil gas monitoring network along the northern and eastern limits of FA1	6/21/2021	Yes, submitted 5/10/2021; approved 5/19/2021	
(b) Install groundwater and soil gas monitoring network along northern and eastern limits of FA1	Week of May 31, 2021	Yes, submitted on 8/3/2021	

**Table 6.2-2**  
**Tracking Table for Water Board Requests**  
**Altamont Landfill Resource and Recovery**  
**Livermore, CA**

CMC Meeting of 7/9/25- Agenda Item 6.2  
Langan Project: 750657606  
July 2025

Task	Due Date	Completed	Comments
8. Update corrective action financial assurance cost estimates for FA1 and FA2	7/21/2021 3/1/2022	Yes, submitted 2/25/2022	Revised cost estimates were approved by the CVRWQCB on 4/21/2022.
9. Report outlining the LFG extraction wells operations as part of the Corrective Action Program to address the LFG impacts outside the limits of FA1	5/22/2021	Yes, submitted 5/21/2021	
10. Submit a Report of Waste Discharge to install off-waste liquid solidification basins	10/19/2021	Yes, submitted 10/19/2021	
11. Report Installation and operation of new off-waste footprint solidification basins	After completion of installation	Ongoing	
12. Notify the CVRWQCB 30 days prior to removal of interim monitoring devices	Ongoing during Fill Area 2 expansion	Ongoing	
<b>WDRs Order R5-2016-0042-01, Amending Order R5-2017-0026</b>			
1. Prepare and submit a preliminary description of the Toe Berm, including the proposed "soil conditioning," for Staff review.	1/24/2025	Completed	
2. An updated description of subsequent proposed Phase construction schedule, if not otherwise noted in the JTD/ROWD	1/24/2025	Completed	
3. Submit a report of the results of review of circumstances regarding drums observed in existing solidification basins atop FA1, including respective contents.	1/9/2025	Pending submittal on Geotracker	
4. Submit workplan for required decommissioning of the existing solidification basins atop FA1.	6/2/2025	Pending submittal on Geotracker	
<b>Violations or Areas of Concern (AOCs)</b>			
1. To address the violations issued by the CVRWQCB on June 10, 2024, the discharger shall:			
(a) Ensure leachate returned to FA1/Unit 2 for dust control is applied at the minimum amount necessary for dust control.	Immediately	Completed	
(b) Submit a proposal and timeline to install containment system for the leachate collected at Seep B and C collection point to prevent discharge and ponding of leachate atop FA1/Unit 1.	7/30/2024	Completed	
(c) Document the removal of ponded leachate and leachate stained/impacted daily or intermediate cover soil from atop FA1/Unit 1 and FA2/Unit 2, as well as soil replacement, with clean soil, and regrading to ensure adequate cover thickness and drainage.	7/30/2024	Completed	
(e) Ensure daily cover is applied across all waste at least every 6.5 days	Continuous	Completed and ongoing	Active implementation - WM has implemented a more frequent application of daily cover and conducted a retraining session for onsite management focusing on application of intermediate cover.
2. Per the June 10, 2024 NOV, notify the CVRWQCB of progress made on the AOCs listed below:			

**Table 6.2-2**  
**Tracking Table for Water Board Requests**  
**Altamont Landfill Resource and Recovery**  
**Livermore, CA**

CMC Meeting of 7/9/25- Agenda Item 6.2  
Langan Project: 750657606  
July 2025

Task	Due Date	Completed	Comments
(a) AOC 1 - Repair broken LFG extraction line observed atop LF1/Unit 1 and provide documentation	As soon as repair is complete	Completed	LFG extraction line observed was an abandoned lateral line, and part of older decommissioned system. Line was cut, capped and covered.
(b) AOC 2 - All liquids, including tank washout, discharged into the Facility's solidification basins, must be discharged directly into the defined limits of each basin	Continuous	Completed and ongoing	ALRRF will ensure that all liquids, including tank wash out, discharged into the facilities solidification basins, are directed exclusively into the defined limits of each basin.
(c) AOC 3 - Enhance windblown litter controls and clean up. Reduce the size of the open disposal face and the application of daily cover over waste more frequently than every 6.5 days as a best management practice and improved housekeeping.	Continuous	Completed and ongoing	Active implementation - WM has implemented a more frequent application of daily cover and conducted a retraining session for onsite management focusing on application of intermediate cover.
(d) AOC 4 - Submit report documenting cleanup from leaking LSI-3 pump. Include proposal and timeline to install secondary containment for the LSI-3 leachate pump transfer line.	8/1/2024	Completed	
(e) AOC 5-12 - These AOCs may be considered as winterization work. Repair as practical.	10/31/2024, final report due 11/14/2024	Completed	
(f) AOC 13 - CVRWQCB has reached out to Storm Water Unit and requested they inspect and evaluate facility for compliance with the industrial general permit good housekeeping best management practice requirements.	Pending	Pending	CVRWQCB Storm Unit has inspected facility but no formal recognition of AOC 13 on Geotracker at this time.
3. To address the violations issued by the CVRWQCB on August 5, 2024, the discharger shall:			
(a) Isolate, remove, and properly contain the hazardous waste and arrange for its disposal at a permitted facility authorized to accept hazardous waste.	Immediately	Completed	
(b) Submit a report documenting the offsite disposal of the hazardous waste at a permitted facility authorized to accept hazardous waste.	10/1/2024	Completed	
Per the May 14, 2025, NOV, notify the CVRWQCB of progress made on the NOVs listed below:			
(a) Isolate, remove, and properly contain the hazardous waste and arrange for its disposal at a permitted facility authorized to accept hazardous waste.	Immediately	In Progress	
(b) Submit a report documenting the offsite disposal of the hazardous waste at a permitted facility authorized to accept hazardous waste.	7/31/2025	In Progress	



**Table 6.2-2**  
**Tracking Table for Water Board Requests**  
**Altamont Landfill Resource and Recovery**  
**Livermore, CA**

CMC Meeting of 7/9/25- Agenda Item 6.2  
Langan Project: 750657606  
July 2025

Task	Due Date	Completed	Comments
Per the May 27, 2025, NOV, notify the CVRWQCB on the progress made on the NOVs listed below:			
(a) Implement procedures to prevent future discharges of waste outside the completed, lined extent of FA2.	Immediately	Ongoing	
(b) Submit a report with photographic evidence demonstrating that all waste documented in the attached Inspection Report observed outside the completed, lined limits of FA2 has been removed and properly disposed.	7/30/2025	In Progress	
Additionally, included in the Inspection Report from May 27, 2025, the CVRWQCB is requiring resolutions to the following AOCs, listed below, with the submittal of a report with photographic evidence, documenting that each of the documented AOCs have been addressed:			
(1) Two leachate-stained soil seeps were observed along the southern face of LF-1/Unit-1 in the area of Seep C	8/30/2025	In Progress	
(2) Leachate-stained soil and some liquid was visible beneath the Seep B and Seep C leachate collection tanks.	8/30/2025	In Progress	
(3) CVRWQCB observed truck potentially emptying load in a location that would have been outside the discharge limits of the Yellow Flag Basin	8/30/2025	In Progress	
(4) A low area of possible settlement was observed atop FA1, just east of the J-stand, which could lead to significant ponding.	8/30/2025	In Progress	
(5) A single area of leachate-stained soil was observed atop FA1 just southwest of the J-stand.	8/30/2025	In Progress	
(6) A couple areas of notable erosion were observed atop FA1.	8/30/2025	In Progress	
(7) Tire ruts and ponding were observed atop FA1 adjacent to the TASW stockpile.	8/30/2025	In Progress	

**Table 6.2-2**  
**Tracking Table for Water Board Requests**  
**Altamont Landfill Resource and Recovery**  
**Livermore, CA**

CMC Meeting of 7/9/25- Agenda Item 6.2  
Langan Project: 750657606  
July 2025

Task	Due Date	Completed	Comments
(8) A few areas of exposed waste, without adequate daily/intermediate cover were observed atop FA1.	8/30/2025	In Progress	
(9) Erosion or settlement as occurred beneath the well apron for GP-24. Assess the condition of GP-24 and submit a report that contains a proposal to repair the well.	7/30/2025	In Progress	
(10) Well MW-10 has been damaged and will need to be repaired and possibly replaced. Assess the condition of MW-10 and submit a report that contains a proposal to repair the well.	7/30/2025	In Progress	
(11) A large stockpile of soil has been temporarily placed within SB-H.	9/1/2025	In Progress	Submit a report, no later than September 1, 2025, documenting the removal of the stockpiled soil observed within SB-H, before the onset of the 2025/2026 wet season.

**Notes:**

POC - Point of Compliance

FA - Fill Area

LFG - Landfill Gas

CVRWQCB - Central Valley Regional Water Quality Control Board

WMAC - Waste Management of Alameda County

TBD - To Be Determined. These deadlines depend on activities which have not yet been completed.

Gray shaded cells denote items that have been completed and no longer tracked. Items remain in the table for reference.

135 Main Street San Francisco, CA 94105 T: 415.925.5200 F: 415.955.5201

**To:** ALRRF Community Monitor Committee

**From:** Langan – Community Monitor

**Date:** July 9, 2025

**Re:** **CMC Meeting of 7/9/2025 – Agenda Item 6.3 – Review of Documents on Geotracker Web Site**

**This is the abridged version of this memorandum. It is limited to new items reported in Geotracker since the previous Community Monitor Committee packet for the October 2024 meeting was completed, plus any prior items that provide useful background information for the new items.** The complete, current version of this Review of Documents is located on the Community Monitor Committee website and can be accessed using this link<sup>1</sup>.

In this memo, each topic is given its own table where relevant documents are summarized in chronological order. For ease of reference, the topics are grouped under major headings, and in the electronic version of this memo, [links](#) enable the reader to skip to a topic of interest and return to the top of the list when finished.

In the list, those topics that include a recent important development or Violation are marked with a special bullet:

- This topic links to a list of documents that contains a recent violation or important development.

Summaries of the documents added since the previous Community Monitor Committee meeting are indicated with a **heavy black border**. They largely consist of Waste Management of Alameda County (WMAC) responses to Central Valley Regional Water Quality Control Board (CVRWQCB) requests and notices, as well as design reports and reports describing specific incidents.

Violations and important areas of concern are highlighted in **pink** and **yellow**, respectively. Other noteworthy new items are highlighted in **green**. The topic list begins on the following page. When a single document addresses multiple topics, its summary is placed under the most general category available, which is often the first topic, Landfill Operations.

For reference the Geotracker webpage for the ALRRF is accessible here: [https://geotracker.waterboards.ca.gov/profile\\_report?global\\_id=L10005834311](https://geotracker.waterboards.ca.gov/profile_report?global_id=L10005834311).

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<sup>1</sup> <https://altamontcmc.org/agendas-etc-2020-2023>

# MEMO

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## Topic List

### **Landfill Operations**

- [Revised Configuration and Phasing Schedule for FA2](#)
- [Refuse Disposal Operations](#)
- [ET Cover](#)

### **Monitoring Wells**

- [New or Pending Monitoring Wells](#)

### **Other Topics**

- [CVRWQCB Inspections](#)

# MEMO

## LANDFILL OPERATIONS

### Revised Configuration and Phasing Schedule for FA2

### Topics

	From	Format   Date	Key Point(s)
1	CVRWQCB	Correspondence  March 14, 2025	The CVRWQCB reviewed the Report of Construction Quality Assurance Phase 7 Construction Report prepared by Geosyntec on behalf of WM. This report documents the CQA monitoring activities by Geosyntec for construction of the approximately 11.7-acre FA2 Phase 7 containment cell. The CVRWQCB conducted their final inspection on December 10, 2024. CVRWQCB presents in this correspondence that WM may commence use of the Phase 7 containment cell, provided use occurs in compliance with the WDR and CDO.
2	WM	March 21, 2025	Waste Management submitted the Fill Area 2, Partial Phase 8 and Ground Improvements design report, prepared by Geosyntec, to the CVRWQCB for approval. This report provides the design basis, plans, specifications, CQA plan and supporting documentation for improving the foundation soils below the FA2 toe berm and partial grading of the toe berm after ground improvements.
3	CVRWQCB	March 16, 2025	The CVRWQCB staff reviewed the March 21, 2025, Design Report for FA2, Partial Phase 8 Cell Expansion and Ground Improvements prepared by Geosyntec on behalf of Waste Management. The CVRWQCB states that Waste Management did not provide them with sufficient time to complete a review of the proposed Toe Berm as described in the Partial Phase 8 Design Report prior to commencement of construction activities on May 19, 2025. The CVRWQCB conducted a preliminary review of the design report and identified several deficiencies. Due to the deficiencies, the report is considered incomplete. The CVRWQCB asked Waste Management to revise the report.

### Refuse Disposal Operations

### Topics

	From	Format   Date	Key Point(s)
4	CVRWQCB	March 14, 2025	The CVRWQCB staff reviewed the Report of Construction Quality Assurance Phase 7 Construction report prepared by Geosyntec on behalf of Waste Management. This report documents the CQA monitoring activities by Geosyntec for the construction of the FA2 Phase 7 containment cell. The CVRWQCB staff approved the Phase 7 CQA and Waste Management may commence use of the Phase 7 containment cell provided use occurs in compliance with the WDR and CDO.

# MEMO

## ET Cover

## Topics

	From	Format   Date	Key Point(s)
<b>5</b>	CVRWQCB	April 11, 2025	The CVRWQCB staff reviewed the Final Report ET Cover Demonstration Project Report prepared by Geosyntec on behalf of Waste Management, dated August 13, 2024. The CVRWQCB staff's review of the information contained in the report and the results of the 2019-2023 ET Cover Demonstration Project appear to indicate that the ET Cover performed "at least as well as prescriptive final cover system constructed at ALRRF." The staff support a recommendation to the CVRWQCB that the ET Cover design be considered as an approved alternative final cover design for the ALRRF.

## MONITORING WELLS

### New or Pending Monitoring Wells

## Topics

	From	Format   Date	Key Point(s)
<b>6</b>	WM	March 10, 2025	Waste Management presents the CVRWQCB with a 30-day notice regarding the destruction of MW-44A, MW-44B, MW-45A, MW-45B, MW-45C, MW-46A, MW-48A, MW-48B and UGP-10 beginning April 7, 2025. The wells and gas probe are in the planned FA2 toe berm foundation and need to be destroyed for the continued construction of the landfill. The destruction of these wells and gas probe were approved by the CVRWQCB on February 9, 2024.
<b>7</b>	Geosyntec	March 17, 2025	Geosyntec has prepared a technical memo addressed to the CVRWQCB regarding reinstallation of permanent FA2 point of compliance groundwater monitoring wells and gas probes located in the future toe berm area. Waste Management is requesting approval to relocate the toe berm groundwater monitoring wells and gas probes due to concerns regarding the integrity of the toe berm ground improvement support structure.
<b>8</b>	CVRWQCB	April 15, 2025	The CVRWQCB staff reviewed the March 17, 2025 Alternative Location for Toe Berm Monitoring Wells Technical Memo and met with Waste Management on March 26, 2025 to discuss the memo. The CVRWQCB has provided Waste Management with revisions to their proposal for additional review.

# MEMO

## OTHER TOPICS

### CVRWQCB Inspections

### Topics

	From	Format   Date	Key Point(s)
9	CVRWQCB	NOV  May 14, 2025	The CVRWQCB has issued a Notice of Violation for the discharge of hazardous waste in violation of WDR requirements. In an April 22, 2025 email, Waste Management notified the CVRWQCB staff of the possible disposal of non-RCRA hazardous waste at ALRRF. "The waste originated from a PG&E power pole replacement project occurring adjacent to the Potrero MGP Northern Switchyard in San Francisco. Instead of placing onsite spoils in the bin provided for the project, the hydrovac conductor (Discovery Hydro) transported the wet spoils to the PG&E Oakport spoils yard and dumped approximately 200-gallons of untested wet spoils into a non-hazardous wet spoils bin on March 11, 2025. Once at the spoils yard, excess free liquid was decanted, and the remaining sludge was sent to Altamont Landfill." The STLCs detected for chromium and nickel were 12.5 mg/L and 83 mg/L, respectively, both exceeding the California Hazardous Waste levels for these constituents, which are 5 mg/L and 20 mg/L, respectively. The CVRWQCB is requiring the landfill to immediately isolate, remove and properly contain the hazardous waste, and arrange for its disposal at a permitted facility authorized to accept hazardous waste. The CVRWQCB is also requiring the landfill to submit a report documenting the offsite disposal of hazardous waste at a permitted facility authorized to accept hazardous waste by July 31, 2025.
10	CVRWQCB	NOV  May 27, 2025	The CVRWQCB has issued a notice of violation for discharging in violation of waste discharge requirements. On May 13, 2025, the CVRWQCB staff conducted an inspection at ALRRF. A violation was issued regarding windblown waste outside of a unit or portions of a unit specifically designed for their containment, "while volume of windblown waste observed across the Facility was significantly less than what had been observed during previous inspection, a significant volume of windblown waste was observed along and just beyond the completed eastern downslope, lined extent of FA2/Phase 6." The CVRWQCB requires Waste Management to <i>immediately</i> implement procedures to prevent future discharges of waste outside the completed, lined extent of FA2; and by July 20, 2025 submit a report with photographic evidence demonstration that all waste documented in the inspection report observed outside of the completed, lined limited of FA2 has been removed and properly disposed of. Additionally, the CVRWQCB issued 11 Areas of Concern regarding their facility inspection.

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**To:** ALRRF Community Monitor Committee

**From:** Langan – Community Monitor

**Date:** July 9, 2025

**Re:** **CMC Meeting of 7/9/25 - Agenda Item 6.4 - Updates on PFAS regulations and monitoring requirements**

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## **PFAS MONITORING**

The Committee Members have expressed continued interest in new developments related to per- and polyfluoroalkyl substances (PFAS) to better understand future requirements that may affect the landfill. Products known to contain PFAS are regularly disposed of in landfills.

California and Federal agencies are in the process of evaluating health risks and developing guidance for PFAS, no relevant updates have occurred on PFAS monitoring requirements for landfills.

### **New Information**

No new information about PFAS related to ALRRF operations was published in the second quarter.

### **Old Information**

At the ALRRF, PFAS were sampled in November 2019 in response to the State Water Resources Control Board's (SWRCB) investigative order (WQ 2019-0006-DWQ). The PFAS samples were analyzed by Eurofins TestAmerica in West Sacramento.

Leachate samples for Fill Area 1 reported total concentrations from approximately 21,000 to 26,000 parts per trillion (ppt). Fill Area 2 leachate sample (LS-4) reported concentrations considerably lower, with a total concentration of approximately 2,700 ppt. Trace concentrations (<2.0 ppt) of three PFAS compounds were detected in background monitoring well PC-6B(R), located up gradient of Fill Area 2. Trace concentrations of two PFAS compounds were reported in detection monitoring well PC-1B, located downgradient of Fill Area 2. Monitoring wells MW-4A and MW-13B reported small concentrations of PFAS, with total concentrations of 57 and 98 ppt. PFAS compounds were reported at higher concentrations in groundwater monitoring wells in the previously affected assessment and corrective action areas. In particular, wells E-05 and E-07 reported concentrations of approximately 2,000 and 1,200 ppt, respectively. Concentrations for wells E-20B and MW-20 were 650 and 670 ppt, respectively.

The concentrations reported at the ALRRF were below the maximum concentrations for groundwater and leachate at other landfills covered by the PFAS Order, and within the middle of

the range. Neither the SWRCB nor the Central Valley Regional Quality Control Board (CVRWQCB) have requested additional monitoring at this moment.

On May 18, 2022, the U.S. Environmental Protection Agency (EPA) added five PFAS to a list of risk-based values for site cleanups<sup>1</sup>. These levels are used by the EPA and other agencies in the investigations of contaminated sites. No updates to the risk-based values have occurred for PFAS since May 2022.

On June 15, 2022 the EPA announced new drinking water health advisories for PFAS<sup>2</sup>. The EPA issued interim, updated drinking water health advisories for two substances and final health advisories for two additional substances. These health advisories inform the maximum contaminant levels allowed in drinking water, and would not have an effect at this moment on landfills.

On August 17, 2022 the Division of Drinking Water presented at the State Water Resource Control Board meeting on the Notification and Response Levels for Perfluorohexane Sulfonic Acid<sup>3</sup>. There is continued progress through the discussion of this topic from regulatory agencies but at this time no direct regulatory updates have occurred.

On August 26, 2022 the EPA announced under the Administrator Regan's PFAS Strategic Roadmap, significant action to protect communities health from the risks posed by certain PFAS's<sup>4</sup>. The EPA is proposing that PFAS become designated as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or "Superfund." This would increase transparency around the releases of PFAS and help hold polluters accountable for the cleanup. This proposal applies toward PFOA and PFOS.

On March 14, 2023, the EPA announced proposed national primary drinking water maximum contaminant levels (MCLs) for six PFAS (PFOA and PFOS as individual contaminants, and four contaminants as a PFAS mixture). The proposed regulation would require public water systems to monitor, notify the public of the contaminant levels, and treat drinking water to reduce the levels of these PFAS if they exceed the proposed MCLs<sup>5</sup>. California-specific MCLs for PFAS have not yet been established as of March 2023<sup>3</sup>, and the proposed regulations do not require any actions until finalized, likely by the end of 2023<sup>6</sup>.

On May 4, 2023, the EPA generated tables that reflect changes in the toxicity and chemical specific parameters per regional screening levels hierarchies<sup>7</sup>. The table compares the previous

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<sup>1</sup> <https://www.epa.gov/risk/regional-screening-levels-rsls-whats-new>

<sup>2</sup> <https://www.epa.gov/newsreleases/epa-announces-new-drinking-water-health-advisories-pfas-chemicals-1-billion-bipartisan>

<sup>3</sup> [https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/pfas.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/pfas.html)

<sup>4</sup> <https://www.epa.gov/newsreleases/epa-proposes-designating-certain-pfas-chemicals-hazardous-substances-under-superfund>

<sup>5</sup> <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

<sup>6</sup> <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

<sup>7</sup> <https://www.epa.gov/risk/regional-screening-levels-rsls-whats-new>

toxicity database to this new and current table. This update is in response to the Integrated Risk Information System (IRIS) which is a part of the risk assessment process in which hazard identification and dose-response assessment are applied to derive toxicity values.

On February 1, 2024, the Biden-Harris Administration announced new steps to protect communities from PFAS and other emerging chemicals of concern.<sup>7</sup> The EPA is proposing to modify the definition of hazardous waste as it applies to the cleanups permitted at hazardous waste facilities to ensure the EPA's regulations are clearly reflected and authorizes states authorities to require the cleanup of the full range of substances under the Resource Conservation and Recovery Act (RCRA). The EPA states that the proposed rules would "strengthen protections for communities and drinking water supplies located near the 1,740 permitted hazardous waste facilities across the nation." This would include corrective action under RCRA, requiring facilities that treat, store, or dispose of hazardous waste to investigate and mitigate hazardous releases into soil, groundwater, surface water and air. The EPA will publish the proposals in the Federal Register.

Regarding corrective actions, known technologies for treating PFAS in water include granular activated carbon, ion exchange, and reverse osmosis<sup>8</sup>. Granular activated carbon and ion exchange resins remove chemicals by sorption (the chemical is attached to the media), which reduces concentrations of chemicals in the effluent water of the system. Reverse osmosis removes contaminants by pushing water through a semipermeable membrane, effluent water has less chemicals, and a portion of the water (rejected water or concentrate) is collected for disposal. PFAS do not degrade in the environment, and one of the few technologies that can potentially destroy PFAS is incineration.

On April 10, 2024, the EPA announced the final National Primary Drinking Water Regulation (NPDWR) for six PFAS.<sup>9</sup> Legally enforceable MCLs for six PFAS in drinking water have been finalized: PFOA, PFOS, PFHxS, PFNA and HFPO-DA and PFBS, using a Hazard Index MCL. The EPA also finalized health-based, non-enforceable MCL goals for these PFAS. The EPA is making funding available to ensure clean and safe water, \$1 billion dollars in funds will be accessible through the new 'Bipartisan Infrastructure Law' helping states and territories implement PFAS testing and treatment at public water systems, and to help private owners of wells address PFAS contamination. The EPA is prioritizing funding based on a formula that includes factors for population below poverty, small water systems, and occurrence of unregulated emerging contaminants.<sup>10</sup>

On April 19, 2024, the EPA announced that it was designating two types of PFAS, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) as Comprehensive

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<sup>7</sup> <https://www.epa.gov/newsreleases/biden-harris-administration-announces-new-steps-protect-communities-pfas-and-other>

<sup>8</sup> Interstate Technology and Regulatory Council (ITRC), 2022. Treatment Technologies – PFAS — Per- and Polyfluoroalkyl Substances. [https://pfas-1.itrcweb.org/12-treatment-technologies/#12\\_1](https://pfas-1.itrcweb.org/12-treatment-technologies/#12_1). Accessed on March 10, 2022.

<sup>9</sup> <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

<sup>10</sup> [https://www.epa.gov/system/files/documents/2023-02/EC%20Grant%20implementation%20manual\\_February%202023\\_final\\_508\\_0.pdf](https://www.epa.gov/system/files/documents/2023-02/EC%20Grant%20implementation%20manual_February%202023_final_508_0.pdf)

Environmental Response Compensation and Liability Act (CERCLA) hazardous substances. EPA does not intend to pursue entities such as publicly owned/operated municipal solid waste landfills for PFAS under CERCLA.

On 8 July 2024, the EPA final rule designating two PFAS (PFOA and PFOS), including their salts and structural isomers - as hazardous substances under CERCLA became effective. In response, Langan reviewed the Data Submittal for Compliance with 13267 Order WQ 2019-0006-DWQ prepared by Wood Environment & Infrastructure Solutions, Inc., 2019, on behalf of Waste Management, to understand concentration of CERCLA PFAS at the landfill. This report was produced in response to the State Water Resources Control Board (SWRCB) Order that required groundwater and leachate sampling for per- and polyfluoroalkyl substances.

The SWRCB ESLs for direct exposure human health risk levels (MCL priority) is 6.5 nanograms/L (ng/L) for PFOA and 5.1 ng/L for PFOS. The EPA Final MCLs for PFOA and PFOS are 4 parts per trillion (ppt) or 4 ng/L. These criteria are for drinking water.

PFOA was detected in leachate above the MCL priority at:

- 1,200 ng/L (LS1)
- 59 ng/L (LSI-4)
- 1,600 ng/L (LS2)

PFOS was detected in leachate above the MCL priority at:

- 130 ng/L (LS1)
- 26 ng/L (LSI-4)
- 110 ng/L (LS2)

PFOA was detected in groundwater above the MCL priority at:

- 10 ng/L (MW-13B)
- 10 ng/L (MW-4A)
- 80 ng/L (MW-20)
- 400 ng/L (E-05)
- 150 ng/L (E-07)
- 130 ng/L (E-20B)

PFOS was detected in groundwater above the MCL priority at:

- 110 ng/L (MW-20)
- 36 ng/L (E-05)
- 26 ng/L (E-07)
- 7.9 ng/L (E-20B)

On January 20, 2025, the President of the United States issued a Presidential Memorandum on Regulatory Review. In this memorandum, it states that:

- No new rules are to be proposed or issued until reviewed and approved by a new department or agency head.
- Any rules sent to the Office of the Federal Register but not yet published must be withdrawn for review and approval

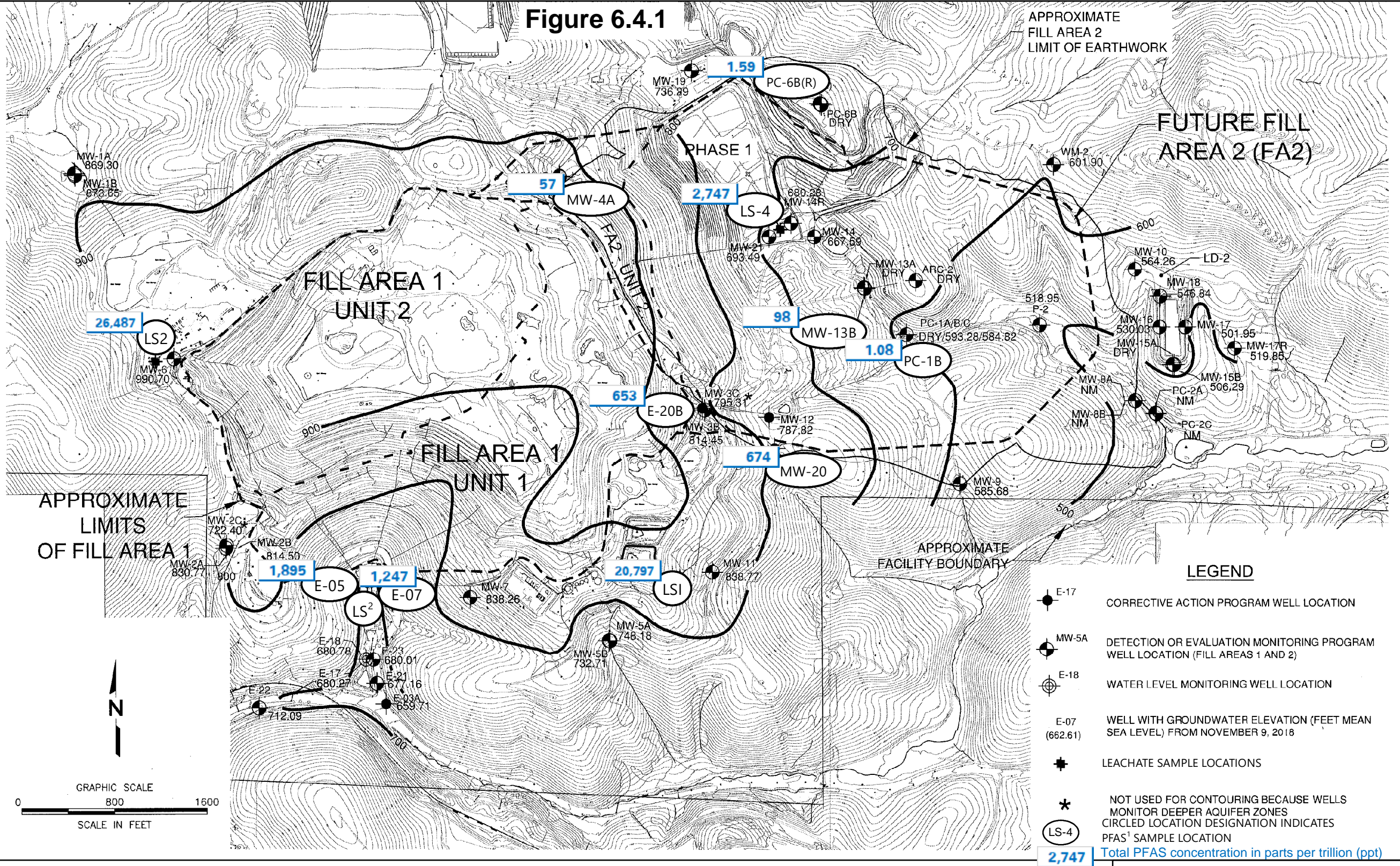
- To consider postponing the effective date of published or issued but not yet effective rules
- If no substantial questions arise, no further action is needed. For rules with substantial questions, notify and consult with the Office of Management and Budget (OMB) Director for appropriate action.

With this memorandum, the EPA delayed the effective date for "Implementing Statutory Addition of Certain Per- and Polyfluoroalkyl Substances (PFAS) to Toxics Release Inventory (TRI) Beginning with Reporting Year 2025" from 5 February 2025 to 21 March 2025. This final rule would subject nine PFAS to the same reporting rules as other chemicals of "special concern."

The Office of Information and Regulatory Affairs, of the Office of Management and Budget per the Executive Office of the President on 21 January 2025 withdrew EPA's proposed rule on the *Clean Water Effluent Limitation Guidelines and Standards for PFAS Manufacturers Under the Organic Chemicals, Plastic and Synthetic Fibers Point Source Category*. The concluded action is that this regulatory review has been withdrawn.



Figure 6.4.1



Map modified from drawing 4 of Second Semiannual-Annual 2018 Groundwater Monitoring Report, Altamont Landfill and Resource Recovery Facility. SCS Engineers, February 28, 2019

Modified by Langan on 3/11/2020 to include PFAS results

**Notes:**  
1) PFAS = per- and polyfluoroalkyl substances.  
2) LS was a proposed leachate sample location but was dry on day of sampling.

<b>PFAS Sample Locations, Groundwater Elevation and Contour Map</b>		
<b>Fourth Quarter 2018</b>		
Altamont Landfill and Resource Recovery Facility Livermore, Alameda County, California		
By: EMC	Date: 1/23/2020	Project No.: FR19161340
<b>wood.</b>		Figure <b>1</b>

Date: 1/23/2020 Printed by: elizabeth.chapman  
Path: N:\FR\_projects\FR19161340\WM\gis\Altamont\_fig01\_PFAS\_GW\_contours.mxd

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**To:** ALRRF Community Monitor Committee

**From:** Langan, Community Monitor

**Date:** July 9, 2025

**Re:** **CMC Meeting of 7/9/25 – Agenda Item 6.5 – Reports From Community Monitor**

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### **ALTAMONT MONTHLY OPERATIONS AND RECORDS REVIEW**

During the second quarter of 2025, three site visits were performed by the Community Monitor. In addition to site visits, summaries of LEA inspections available on CalRecycle’s website are reviewed and important issues are highlighted in the monthly reports. The reports in this item include:

- Community Monitor Site Visit for April, which took place on April 24, 2025.
- Community Monitor Site Visit for May, which took place on May 12, 2025.
- Community Monitor Site Visit for June, which took place on June 20, 2025.

Details about operations-related matters are provided in the attached reports. For the second quarter: disposal operations occurring in FA2, Phase 6; approval for disposal in FA2, Phase 7 by CVRWQCB; CVRWQCB staff recommending approval of ET Cover Demonstration Report to CVRWQCB; continued construction of FA2 solidification basins.

On May 14, 2025, the CVRWQCB issued an NOV to the Altamont Landfill for the “possible disposal of non-RCRA Hazardous Waste at the Facility.” The CVRWQCB notified the County of Alameda, LEA of the NOV and the LEA issued an NOV for the disposal as well.

On May 27, 2025, the CVRWQCB issued an NOV to the landfill for discharging in violation of waste discharge requirements as a result of the CVRWQCB staff inspection on May 13, 2025 at ALRRF. A violation was issued regarding windblown waste outside of a unit or portions of a unit specifically designed for waste containment.

On June 3, 2025, the LEA issued the landfill with an NOV regarding windblown litter observed throughout the site, particularly the observed significant quantities of litter in the fence line and fence line tear heading northeast toward the Back-40. Minimal litter was observed within the Back-40.

During the second quarter of 2025, there were three special occurrences in the month of April which are discussed further in the following monthly reports.

**ALRRF Community Monitor Monthly Report****March 2025**Monthly Tonnage Report for March 2025, received April 15, 2025

Tonnage Summary:		<u>tons</u>	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	79,480.45	
1.2	Other Out of County Disposal Tons	2,265.40	
	subtotal Disposed	81,745.85	
Disposed, By Source Type			
2.1	C&D	293.82	
2.2	MSW	77,967.94	
2.3	Special Wastes	3,484.09	
	subtotal Disposed	81,745.85	
		0.00	0.00%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	0.00	
2.5	Revenue Generating Cover	49,811.33	
	Total, 2.1 - 2.5	131,557.18	
Materials of Interest			
2.1.1	Fire Debris	293.82	
2.3.1	Friable Asbestos	457.34	
2.3.2	Treated Wood	120.46	
2.5.1	Class 2 Cover Soils	22,813.25	
2.5.2	Auto Shredder Fluff	16,236.38	
2.5.3	Processed Green Waste/MRF fines, Beneficial Use (GSET)	0.00	
2.5.4	MRF Fines for ADC	314.74	



## **ALRRF Reports from Community Monitor**

**April 2025**

Site Visit April 24, 2025, 10:00 AM – 12:00 PM

- Attended by Megan Rollo (Langan, Community Monitor), Liz Hill (ESA)
- Escort: Sonam Kaur (Waste Management), announced.
- Weather: Partly cloudy, 55 degrees F.

### General Observations

- Traffic to the site was flowing freely through the road and the entrance of the landfill upon arrival.
- The scale houses appeared to be in good condition.

### Fill Area 1

- Fill Area 1 (FA1) was observed at the LSI ponds.
- The LSI ponds were in good condition. LSI-2, which holds underdrain and rainwater was observed with 8 feet of freeboard.
- LSI-1, which holds leachate, had 6 feet of freeboard.



### Fill Area 2

- Landfill operations were occurring on Phase 6 for public use and commercial use.
- Several piles of ADC were observed in Phase 5 at time of visit.
- Some birds present.
- Two tippers present in FA2.





Back-40 and Bethanny Reservoir

- No litter observed in the Back-40.



Mitigation Pond

- Observed dense vegetation surrounding the pond.
- Observed multiple species of birds in and around pond.
- Observed weeds surrounding the perimeter of the pond.
- Observed ground squirrels.
- Depth of pond approximately 2 feet deep.
- More detail noted in Liz Hill of ESA site visit report.







Other Environmental Observations / Issues

- No other issues to report.

Special Occurrences

- On April 3, 2025, at 8:10AM, a driver was operating a high-side truck transporting municipal solid waste. The driver entered the facility, approximately 300-yards into the site and as he was making the first turn, the vehicle overturned due to excessive speed and/or unbalanced load. The accident resulted in significant spillage. It also caused damage to the roadway and surrounding infrastructure.
- On April 10, 2025, at 12PM, there was a third-party roll over incident, in Fill Area 2, Phase 6. No injuries occurred. WM equipment and vehicles were not involved.
- On April 10, 2025, at 12:50PM, there was a third-party roll over incident, in Fill Area 2, Phase 6. No injuries occurred. WM equipment and vehicles were not involved.



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# memorandum

date June 10, 2025

to Grace Stafford and Megan Rollo of Langan

cc

from Liz Hill of ESA

subject Summary of ESA's Site Inspection at the Altamont Landfill and Resource Recovery Facility on April 24, 2025

## Introduction

On April 24<sup>th</sup>, 2025, Sonam Kaur of Waste Management of Alameda County (WMAC) accompanied Liz Hill of ESA and Megan Rollo of Langan on a site inspection of the Altamont Landfill and Resource Recovery Facility.

The following is a summary of ESA's site inspection. The Evapotranspirative (ET) Cover area was not visited as the four-year monitoring period concluded and the Central Valley Regional Water Quality Control Board (CVRWQCB) staff supports the ET Cover design be considered as an approved alternative final cover design for the ALRRF, pursuant to Title 27 Section 21090(a). **Attachment 1** displays the location of all photos discussed herein.

## Site Inspection Summary

### Mitigation Pond

Water was present in the mitigation pond during ESA's site inspection. Vegetation noted around the pond include native cattail (*Typha* sp.), big saltbush (*Atriplex lentiformis*), alkali mallow (*Malvella leprosa*), in addition to non-native, invasive mustard (*Hirschfeldia incana*), perennial pepperweed (*Lepidium latifolium*), stinkwort (*Dittrichia graveolens*), and white horehound (*Marrubium vulgare*). Significant patches of mustard and milk thistle (*Carduus pycnocephalus*) were observed between the access road and the pond fence, collectively covering more than approximately 200 square feet. Red-winged blackbirds (*Agelaius phoeniceus*) were observed throughout the mitigation pond within the emergent vegetation.

The water level in the deepwater portion of the pond appeared to meet the performance standard of three feet deep, while the vegetation along the bank in this area was robust. ESA cannot confirm whether vegetation was present around 20% of the deepwater segment of the shoreline.

As noted in 2024, the landfill repaired the erosion feature on the northwest boundary of the mitigation pond and the compromised Basin H stormwater bypass culvert as the result of winter 2022/2023 storms.<sup>1</sup> It appears two outfall areas, each with multiple culvert openings, were restored to convey runoff from Basin H and the surrounding hillsides to the mitigation pond. Kleinfelder confirmed no special status species were observed during a pre-construction survey or during culvert and pond restoration activities.

During ESA's April 2025 site visit, minor erosion was observed downslope of the riprap surrounding the restored southern outfall area. Riprap extends approximately four feet beyond the ~18-inch culvert opening. Beyond the downslope extent of the riprap, eroded native soil and displaced rock (~ 8-inch to 18-inches) extend for a minimum of five feet east in the direction of the pond. This area is approximately 100 feet from the nearest observed waterline of the pond. ESA documented the condition of this area in **Photos 6** through **8**.

East of the mitigation pond perimeter fence, cattle grazing was observed in the eastern alkali wetland (EAW) SP-01, SP-02, and SP-03 areas. Two fence segments surrounding this area were not intact.

## Recommendations

ESA recommends the following maintenance actions:

- Consider implementing restoration activities prior to the next rainy season to stabilize the eroded area, and reduce further erosion and rock displacement at the Basin H stormwater bypass culvert openings.
- Consider removing of dense patches of thistle and mustard, and California Invasive Plant Council (Cal IPC) high rated species, in vicinity of the mitigation pond.
- Clarify with landfill whether fence segments surrounding EAW SP-01, SP-02, and SP-03 should be intact such that cattle grazing is excluded from this area.

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<sup>1</sup> Kleinfelder, 2023. 2023 Annual Status Report for the Altamont Landfill and Resource Recovery Facility – Fill Area 2 Expansion Project. December 2023.



**Attachment 1. Photographs from ESA's April 24, 2025 Site Inspection**

**Photo 1.** Mitigation pond along southern boundary (looking northeast)



**Photo 2.** Mitigation pond from western access road (looking east)

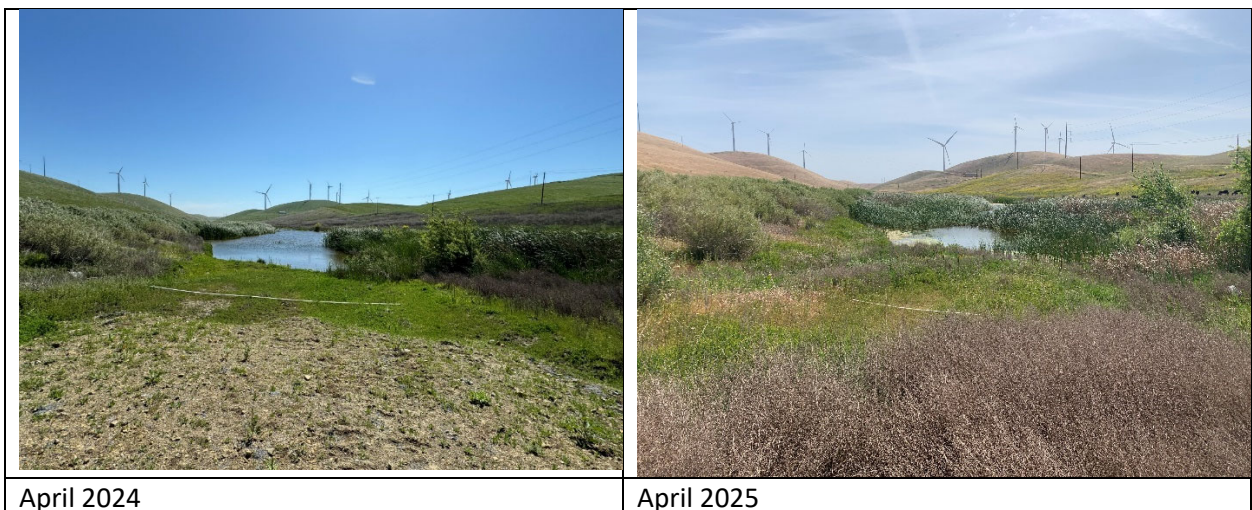




**Photo 3.** Mitigation pond from access road on the northern boundary (looking south)



**Photos 4 and 5.** Mitigation pond year over year comparison from western boundary (looking northeast)





**Photo 6.** Erosion restoration at the Mitigation Pond



**Photo 7.** Restored culvert outfall west of mitigation pond





**Photo 8.** Erosion at restored culvert outfall west of mitigation pond



**April 2025****ALRRF Community Monitor Monthly Report**Monthly Tonnage Report for April 2025, received May 15, 2025

Tonnage Summary:		<u>tons</u>	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	77,292.64	
1.2	Other Out of County Disposal Tons	1,544.51	
	subtotal Disposed	1,087.47	
Disposed, By Source Type			
2.1	C&D	379.67	
2.2	MSW	74,967.20	
2.3	Special Wastes	3,490.28	
	subtotal Disposed	78,837.15	
		77,749.68	98.62%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	0.00	
2.5	Revenue Generating Cover	36,623.57	
	Total, 2.1 - 2.5	115,460.72	
Materials of Interest			
2.1.1	Fire Debris	379.67	
2.3.1	Friable Asbestos	400.06	
2.3.2	Treated Wood	112.81	
2.5.1	Class 2 Cover Soils	13,954.32	
2.5.2	Auto Shredder Fluff	11,743.74	
2.5.3	Processed Green Waste/MRF fines, Beneficial Use (GSET)	0.00	
2.5.4	MRF Fines for ADC	327.40	

## **ALRRF Reports from Community Monitor**

**May 2025**

Site Visit May 12, 2025, 9:00 AM – 12:00 PM

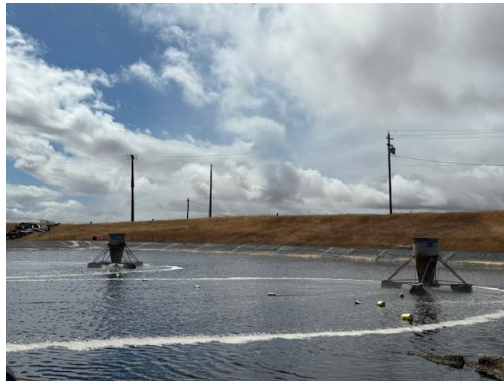
- Attended by Megan Rollo (Langan, Community Monitor); Ryan Hammon and David Madieros (LEA).
- Escort: Louis Rocha (Waste Management), unannounced.
- Weather: Partly cloudy, rain, 52 degrees F.

### General Observations

- Traffic to the site was flowing freely through the road and the entrance of the landfill upon arrival.
- The scale houses appeared to be in good condition.

### Fill Area 1

- Fill Area 1 (FA1) was observed at the LSI ponds.
- The LSI ponds were in good condition. LSI-2, which holds underdrain and rainwater was observed with 8 feet of freeboard.
- LSI-1, which holds leachate, had 6 feet of freeboard.



### Fill Area 2

- Landfill operations were occurring on Phase 6 for public use and commercial use.
- Observed windblown litter blown west into Phase 8.
- Some birds present.
- Three tippers present in FA2.





Back-40 and Bethanny Reservoir

- No litter observed in the Back-40.



Solidification Basins in FA2

- Construction of the solidification basins in FA2 continue to move forward. See photos below.



Other Environmental Observations / Issues

- On May 14, 2025, the CVRWQCB issued an NOV to the Altamont Landfill for the “possible disposal of non-RCRA Hazardous Waste at the Facility.” The CVRWQCB notified the County of Alameda, LEA of the NOV and the LEA issued an NOV for the disposal as well.
- On May 27, 2025, the CVRWQCB issued an NOV to the landfill for discharging in violation of waste discharge requirements. On May 13, 2025, the CVRWQCB staff conducted an inspection at ALRRF. A violation was issued regarding windblown waste outside of a unit or portions of a unit specifically designed for their containment.

Special Occurrences

- There were no special occurrences during the month of May.



**May 2025****ALRRF Community Monitor Monthly Report**Monthly Tonnage Report for May 2025, received June 15, 2025

Tonnage Summary:		tons	
Disposed, By Source Location			
1.1	Tons Disposed from Within Alameda County	79,566.09	
1.2	Other Out of County Disposal Tons	1,491.47	
	subtotal Disposed	81,057.56	
Disposed, By Source Type			
2.1	C&D	1,434.75	
2.2	MSW	76,468.45	
2.3	Special Wastes	3,154.36	
	subtotal Disposed	81,057.56	
		0.00	0.00%
Other Major Categories			
2.4	Re-Directed Wastes (Shipped Off Site or Beneficially Used)	0.63	
2.5	Revenue Generating Cover	45,670.04	
	Total, 2.1 - 2.5	126,728.23	
Materials of Interest			
2.1.1	Fire Debris	1,434.75	
2.3.1	Friable Asbestos	745.82	
2.3.2	Treated Wood	173.57	
2.5.1	Class 2 Cover Soils	17,743.12	
2.5.2	Auto Shredder Fluff	14,077.88	
2.5.3	Processed Green Waste/MRF fines, Beneficial Use (GSET)	0.00	
2.5.4	MRF Fines for ADC	340.88	



## ALRRF Reports from Community Monitor

**June 2025**

### Site Visit June 20, 2025, 9:00 AM – 11:00 AM

- Attended by Megan Rollo (Langan, Community Monitor)
- Escort: Sonam Kaur (Waste Management), announced.
- Weather: Sunny, 64, windy (20 knots with 30 knot gusts)

### General Observations

- Traffic to the site was flowing freely through the road and the entrance of the landfill upon arrival.
- The scale houses appeared to be in good condition.
- Litter observed in and around roadways throughout site.

### Fill Area 1

- Fill Area 1 (FA1) was observed at the LSI ponds.
- The LSI ponds were in good condition. LSI-2, which holds underdrain and rainwater was observed with 8 feet of freeboard.
- LSI-1, which holds leachate, had 5 feet of freeboard.



### Fill Area 2

- Landfill operations were occurring on Phase 6 for public use and commercial use.
- Some birds present.
- Three tippers present in FA2.
- Several piles of ADC present.





Back-40 and Bethanny Reservoir

- Some litter observed in the Back-40.



#### Solidification Basins in FA2

- Construction of the solidification basins in FA2 continue to move forward. See photos below.



#### Solidification Basins in FA1

- Appear to be in good condition.
- Yellow and Blue flag areas separated by visible berm (see arrow).



#### Other Environmental Observations / Issues

- On June 3, 2025, the LEA issued the landfill an NOV regarding windblown litter observed throughout the site, particularly the observed significant quantities of litter in the fence line and fence line tear heading northeast toward the Back-40. Minimal litter was observed within the Back-40.

#### Special Occurrences

- There were no special occurrences during the month of June.