

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

ORDER R5-2017-0026

AMENDING WASTE DISCHARGE REQUIREMENTS  
ORDER R5-2016-0042  
WASTE MANAGEMENT OF ALAMEDA COUNTY, INC.  
ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Central Valley Water Board) finds that:

1. On 24 June 2016, the Central Valley Water Board adopted Waste Discharge Requirements (WDR) Order R5-2016-0042 revising WDRs for the Altamont Landfill and Resource Recovery Facility (ALRRF). WDR Order R5-2016-0042 permitted the discharge of waste to Class II and Class III landfills, and permitted the construction, operation, closure, post-closure maintenance, and corrective action at the ALRRF.
2. Order R5-2016-0042 prohibited the use of treated auto shredder waste (TASW) in solidification basins. The Discharger requested this item to be amended such that TASW can be used in solidification basins to solidify free liquid present so the moisture content of the resulting mixture is not in excess of the waste holding capacity, and the TASW can be disposed in the Class II landfill or utilized as Alternative Daily Cover (ADC) on the Class II landfill.
3. Following a tentative amendment and 30-day public comment period where comments on the proposed amendment were only received by Waste Management, Order R5-2016-0042 was revised to allow Inert Waste, Non-Hazardous Solid Waste, and Treated Auto Shredder Waste in Solidification Basins. Additional text related to the handling and disposal of TASW, and Fill Area 1 Unit 1 evapotranspiration requirements were revised. The attached Table 1 Amendments to WDR Order R5-2016-0042 provides a list of the revisions completed for this amendment.
4. Issuance of this Order for an existing facility is exempt from the provisions of the California Environmental Quality Act (CEQA), Public Resource Code section 21000, et seq., and the CEQA guidelines, in accordance with Title 14, section 15301 since this Order only serves to modify a WDR Order.
5. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend the WDR Order R5-2016-0042, and has provided them with an opportunity to submit their written views and recommendations.

**IT IS HEREBY ORDERED THAT:**

1. Waste Discharge Requirements Order R5-2016-0042 is amended in order to: 1) allow the use of treated auto shredder waste (TASW) in landfill solidification basins, and 2) to modify the Order as shown on attached Table 1 Amendments to WDR Order R5-2016-0042. **Effective immediately upon adoption**, Order R5-2016-0042 is amended in Items 1.a through 1.b below.
  - a. Change the Order number throughout to R5-2016-0042-01.
  - b. SIGNATURE PAGE. Modify the paragraph above the signatory line on the Signature Page as shown in underline format below:

I, Pamela C. Creedon, Executive Officer, do hereby certify that this Order is a full, true, and correct copy of the Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 24 June 2016, and amended by Order R5-2017-0026 on 24 February 2017.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

I, PAMELA C. CREEDON, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on **24 February 2017**.

*ORIGINAL SIGNED BY*

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PAMELA C. CREEDON, Executive Officer

Table 1. Amendments to WDR Order R5-2016-0042

Page	Finding/Section	Revision
13	Finding #47	Delete “with approved extender” and delete approved extender footnote.
45	Finding #164	Delete “Unit 1” from two locations in the first sentence to read:  Prior to approval of an alternative final cover for Fill Area 1, Unit 2, or for Fill Area 2, this Order requires the Discharger to monitor the performance of a minimum 10-acre ET cover over Fill Area 1 for a maximum monitoring period of four years after it is installed on Fill Area 1.
57	B.1. Discharge Specifications table	Revise table to allow Inert Waste, Non-Hazardous Solid Waste, and Treated Auto Shredder Waste in Solidification Basins by changing “No” to “Yes” in column 5, rows 1, 3, and 8.
57	B.1. Discharge Specifications table.  Revise Footnote 2:	Add “condensate” after landfill gas, and add “as described in Finding 113” to the end of the sentence to read:  “Leachate and landfill gas condensate recirculation may occur in composite lined modules following Water Board approval as described in Finding 113.”
57	B.1. Discharge Specifications table.  Revise Footnote 3:	Correct reference to Discharge Specification from B.19 to B.18.
57	B.1. Discharge Specifications table.  Revise Footnote 5:	Delete “with total volatile organic content (VOC) of less than 1000 µg/L” from first sentence to read:  “Typical liquid-content wastes that may be solidified include: grease trap waste; monitoring well purge water; commercial, industrial or residential waste waters and sludges; rinse waters; and sludges (excluding sewage).”  Add: “cement kiln dust, and Treated Auto Shredder Waste (TASW)” to the fourth sentence to read:  Following discharge to the designated area, on-site soils, ash, cement kiln dust, ground wood waste, processed construction and demolition (C&D) debris, non-hazardous contaminated soils, or Treated Auto Shredder Waste (TASW) may be used to solidify any free liquid present in the designated area such that the moisture content of the resulting mixture is not in excess of the waste holding capacity.  Add the following sentence to the end of Footnote 5: “The Executive Officer may approve the use of additional solidifying agents in the future if a successful demonstration is made regarding the effectiveness of such alternative materials.”

57	B.1. Discharge Specifications table.  Add Footnote 6:	“Notwithstanding the above, no designated waste other than TASW may be used as a solidifying agent in the solidification basins. Additionally, any liquid waste that is solidified must be disposed in a Class II waste management unit.”
58	B.3. Discharge Specifications	Delete “with approved extender” and delete approved extender footnote.
75	Provisions. H.8.a.2	Revise Provisions Section H.8.a.2 to delete “Unit 1” from the 10-acre ET final closure cover language to read:  “By 1 December 2017 install the approved 10-acre ET final closure cover over Fill Area 1 and ET final closure cover performance monitoring system to begin the 4-year demonstration period.”