

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ADDENDUM No. 1 TO ORDER No. 90-09

WASTE DISCHARGE REQUIREMENTS
FOR THE COUNTY OF SAN DIEGO
OTAY ANNEX LANDFILL

AN ADDENDUM ADDING DISCHARGE SPECIFICATIONS FOR
THE DISPOSAL OF BURN ASH CONTAMINATED SOILS FROM THE
SHINOHARA PROPERTY, 4705 OTAY VALLEY ROAD, CHULA VISTA.

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. On March 12, 1990, this Regional Board adopted Order No. 90-09, Waste Discharge Requirements For the County of San Diego, Otay Annex Sanitary Landfill, San Diego County. The Department of Public Works, San Diego County, the discharger, owns and operates the Otay Annex Landfill.
2. On December 20, 1996 the Department of Public Works, San Diego County submitted a request for the disposal of nontraditional wastes at the Otay Annex Landfill from the Department of Public Works, San Diego County. This request included authorization for the disposal of 35,000 yards of burn ash contaminated soils excavated from the Shinohara property, 4705 Otay Valley Road, Chula Vista, California.
3. Pursuant to CCR Title 23, Division 3, Chapter 15, Section 2522 (a)(1), "designated waste" is the appropriate classification of the burn ash. This classification is based upon available information, that the waste streams could contain soluble pollutants that are greater than applicable water quality objectives.
4. Pursuant to Chapter 15, Section 2520 (a)(1), sufficient information has been submitted regarding the nature of the wastes and the management practices at the landfill to demonstrate the disposal of these wastes present a lower risk of water quality degradation than indicated by classification. Conditions under which demonstration has been achieved.


- a. Burn ash is not classified as a hazardous waste by and does not display characteristics of ignitability, corrosivity, reactivity, or aquatic toxicity.
 - b. Demonstration of relative immobility of lead constituents from the burn ash contaminated soil from the Shinohara site and other similar burn-ash contaminated soil.
 - c. Proposed disposal site maintains adequate separation from surface and ground water at the landfill.
 - d. The disposal site is isolated from, and not commingled with municipal refuse waste or other solid wastes.
5. This facility is an existing facility and as such is exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Code of Regulations, Chapter 3, Article 19, Section 15301.
 6. The Regional Board has considered all water resource related environmental factors associated with the existing discharge of waste.
 7. The Regional Board has notified the discharger (Department of Public Works) and all known interested parties of the intent to revise waste discharge requirements for the existing discharge.
 8. The Regional Board in a public meeting heard and considered all comments pertaining to the existing discharge.

THEREFORE BE IT RESOLVED: Add the following as discharge specifications:

1. Disposal shall be limited to 35,000 yards of burn ash contaminated soils excavated and hauled from the Shinohara property, located at 4705 Otay Valley Road, in the City of Chula Vista.
2. Wastes shall be contained within the burn ash monofill in accordance with the December 20, 1996 technical report.
3. At the conclusion of the placement of burn ash the disposal site shall be capped with an adequate cover material to reduce infiltration and prevent surface erosion. The cover shall be not less than 2 feet of low permeable soil, compacted to 90% of optimum compaction to minimize surface infiltration and erosion.

4. The disposal site shall be maintained on a regular basis as part of standard management practices at the landfill.
5. Municipal waste shall not be placed over the burn ash monofill.
6. The disposal of the burn ash may also be subject to additional regulations of the California Integrated Waste Management Board, San Diego County Local Enforcement Agency, and the San Diego County Air Pollution Control District.
7. Any modifications needed for partial or final closure of the Otay Annex Landfill site shall be submitted to the Regional Board for approval.

I, John H. Robertus, 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, San Diego Region, on February 13, 1997.



JOHN H. ROBERTUS
Executive Officer