

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ADDENDUM NO. 2 TO ORDER No. 90-09

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

AN ADDENDUM ADDING DISCHARGE SPECIFICATIONS
FOR THE DISPOSAL OF WASTEWATER TREATMENT BYPRODUCTS
FROM THE ENCINA WASTEWATER TREATMENT FACILITY

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 May 20, 1996 the Department of Public Works, San Diego County submitted a request to dispose of wastewater treatment byproducts generated at the Encina wastewater treatment facility, including 23,000 tons of sludge and 600 tons of grit and bar screen waste per year.
3. Pursuant to CCR Title 23, Division 3, Chapter 15, Section 2522 (a)(1), "designated waste" is the appropriate classification of the wastewater treatment byproducts. 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). The waste is not classified as a hazardous waste and does not display characteristics of ignitability, corrosivity, reactivity, or aquatic toxicity.
 - b). Demonstration of relative immobility of metal constituents from the waste to groundwater.
 - c). Wastes are to be disposed of within the lined portion of the Otay Annex Landfill, which consists of a functioning leachate collection and removal system.
 - d). Demonstration of the ability to achieve a minimum solids-to-liquid ratio of 5:1 by weight shall be maintained at the landfill to insure that the co-disposal will not exceed the moisture holding capacity.
 - e). The secondary sewage sludge contains a minimum of 15 percent solids by weight.
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. The discharger shall implement a monitoring program for the disposal of the wastewater treatment wastes. The reported information shall include volumes, percent solids, and contents. This information shall be provided in the Otay Annex Landfill, Monitoring and Reporting Program No. 90-09.
2. Annual disposal of up to 23,000 tons of sludge and 600 tons of grit and bar screen wastes as described in a November 27, 1996 report.

3. The County of San Diego is responsible for a periodic load-checking program to ensure that hazardous materials are not being discharged at this waste management facility. The load-checking program shall include inspecting wastewater treatment wastes to ensure that hazardous materials are not discharged.
4. The disposal of wastewater treatment wastes 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.
5. 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