

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 88-52

WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF IMPERIAL  
PALO VERDE CLASS III WASTE MANAGEMENT FACILITY  
South of Palo Verde - Imperial County

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. County of Imperial, (hereinafter also referred to as the discharger), 155 South 11th Steet, El Centro, CA 92243, submitted current information on February 10, 1988 to update requirements for the existing disposal site at Palo Verde. The disposal facility is located in the SE $\frac{1}{4}$  of the SW $\frac{1}{4}$ , Section 15, T9S, R21E, SBB&M. This property is owned by the United States Government, with administration by the Bureau of Land Management, 333 South Waterman Avenue, El Centro, CA and is operated by the County of Imperial.
2. The disposal facility has been subject to waste discharge requirements under Board Order No. 83-15. The waste discharge requirements are being updated to comply with Section 13263 of the California Water Code, and to incorporate the applicable provisions of Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
3. The discharger submitted a technical report on February 10, 1988 entitled "Palo Verde Waste Disposal Site; Report of Disposal Site Information for Five Year Permit Review", dated July 1987 containing technical information on the site and operational data including some of the technical information required in said Subchapter 15. The remainder of the information required in said Subchapter 15 will be submitted in accordance with a time schedule which is included in the provisions of this Order.
4. The discharger is presently discharging approximately 200 tons of refuse annually. The estimated capacity of this 40-acre site is 516,000 cubic yards. The site is anticipated to be operational until the year 2013.
5. The discharger reports that the site presently receives residential and commercial wastes and pesticide containers.
6. Separate cells have been constructed apart from the landfill units to receive empty, triple-rinsed and punctured pesticide containers. These cells are in an enclosed, locked area. A caretaker is present at specific, posted times to accept pesticide containers.
7. The discharger proposes to discharge septic tank pumpings and chemical toilet wastes at the site.
8. Land within 1,000 feet of this site is zoned for light agriculture and recreation. It is presently natural desert.

*Adopted  
9-15-93  
DO#  
93-071*

*Superseded by:  
Board Ord. # 99-025  
5/28/97*

9. The site is located on alluvial deposits consisting of gravelly sand with some clay outcropping. The site is above surrounding areas; natural drainage patterns divert storm water away from the site.
10. Information concerning ground waters in the area is sparse. Farm drainage water in Palo Verde Outfall Drain has a total dissolved solids concentration of 1,600 to 2,000 mg/l. Ground water located in native desert 4 miles north of the site has a TDS concentration of 1,800 mg/l. Ground water located about 1 mile northeast (upgradient) of the site is at a depth of 19 feet and has a TDS of 4,650 mg/l (Well 9S/21E - 15A1). Depth to ground water is estimated at 50 feet. No test boring data is available.
11. The discharger has reported annual averages for evaporation and precipitation in the area as 84 inches and less than three inches, respectively.
12. Attachment "A", which shows the site layout, is part of this Order.
13. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan delineates the location of discharge to be in the Palo Verde Hydrologic Subunit.
14. The beneficial uses of the groundwaters of the Palo Verde Hydrologic Subunit are:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply
15. This discharge has been subject to waste discharge requirements adopted in Board Order No. 83-15.
16. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
17. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
18. These waste discharge requirements govern an existing facility, which the discharger is currently operating, and therefore is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not cause pollution or a nuisance as defined in Section 13050 of the California Water Code.

2. Waste material shall be confined to the waste management facility as shown on the attached site map.
3. Waste material shall not be discharged on any surface which is less than five feet above the highest anticipated ground water level.
4. The discharge shall not cause degradation of any water supply.
5. The waste management units shall be designed, constructed, operated and maintained to prevent inundation or washout due to floods with a 100-year return frequency.
6. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources, shall not contact or percolate through the wastes discharged at this site.
7. The exterior surfaces of the disposal area including the intermediate and final landfill covers shall be graded and maintained to promote lateral runoff of precipitation and to prevent ponding.
8. The discharger shall provide a final cover for closure of the landfill units in conformance with the requirements of said Subchapter 15.
9. Triple-rinsed, punctured, empty pesticide containers, septic tank pumpings and chemical toilet wastes shall be discharged in separate disposal cells constructed apart from Class III wastes unless otherwise approved by the Regional Board's Executive Officer. The pesticide disposal area shall be enclosed to prevent unauthorized access.
10. A minimum freeboard of two feet shall be maintained in cells containing liquid wastes.
11. Chemical toilet wastes discharged at this site shall not contain additives prohibited by the California Code of Regulations, Title 22, Chapter 30, Section 66883.
12. There shall be no discharge of liquid wastes other than chemical toilet wastes and septic tank pumpings in the designated disposal cells.
13. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.

#### B. Prohibitions

1. The discharge or deposit of hazardous waste (as defined in said Subchapter 15) at this site is prohibited.
2. The discharge or deposit of "designated waste" (as defined in said Subchapter 15) at this site is prohibited unless otherwise approved by the Executive Officer.
3. The discharge of liquid or semi-solid waste (i.e., waste containing less than 50 percent solids) to the landfill units is prohibited.

4. The discharge of solid or liquid waste or leachate to surface waters, surface water drainage courses or to ground waters is prohibited.
5. The discharge or deposit of waste to land not owned or controlled by the discharger is prohibited.
6. The codisposal of incompatible wastes is prohibited.

C. Provisions

1. The discharger shall maintain a copy of this Order at the site and make it available at all times to site operating personnel.
2. The discharger shall notify the Regional Board, in writing, of any proposed change in ownership or responsibility for construction or operation of the waste management facility. The discharger shall also notify the Regional Board of a material change in the character, location, or volume of the wastes discharged and of any proposed expansion or closure plans. This notification shall be given six (6) months prior to the effective date of the change and shall be accompanied by an amended report of waste discharge and any additional information as may be required by the Regional Board's Executive Officer.
3. The discharger shall comply with "Monitoring and Reporting Program No. 88-52" and future revisions thereto, as specified by the Regional Board's Executive Officer.
4. The discharger shall maintain legible records on the volume and type of each waste discharged at the site. These records shall be available for review by representatives of the Board at any time during normal business hours. At the beginning of the post-closure maintenance period, copies of these records shall be sent to the Regional Board.
5. The discharger shall maintain monuments identifying the boundary limits of the entire waste management facility.
6. Within six months of the adoption of this Order, the discharger shall submit to the Regional Board and to the State Department of Health Services for review and approval, a report describing a periodic load-checking program to be implemented by the discharger to ensure that wastes prohibited by this Order are not discharged to the disposal site.
7. Within six months of the adoption of this Order, the discharger shall submit to the Regional Board, for review and approval by the Executive Officer, a closure and post-closure maintenance plan in accordance with Section 2597 of said Subchapter 15. The closure plan shall be updated annually, and submitted to the Regional Board by the 15th day of January of each year.
8. By August 1, 1988, the discharger shall submit to the Regional Board a plan and time schedule for the submittal of the following:
  - a. Complete site characterization report (i.e., Section 2595(f) and (g) of said Subchapter 15: Geology and Hydrology).

- b. Proposal for, and design of, a groundwater monitoring system and a vadose zone monitoring system, as feasible (i.e., Section 2596(a)(3) for compliance with Article 5 of said Subchapter 15).
9. The discharger shall immediately notify the Regional Board of any flooding, slope failure or other change in site conditions which could impair the integrity of waste containment facilities or of precipitation and drainage control structures.
10. In the event of any change in ownership of the disposal site, the discharger shall notify the succeeding owner or operator in writing of the existence of this Order. A copy of that notification shall be sent to the Regional Board.
11. The discharger shall comply with all applicable provisions of Subchapter 15 that are not specifically referred to in this Order.
12. This Order supersedes Board Order No. 83-15.

I, Arthur Swajian, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on March 23, 1988.

  
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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 88-52  
FOR  
COUNTY OF IMPERIAL  
PALO VERDE CLASS III WASTE MANAGEMENT FACILITY  
South of Palo Verde - Imperial County

Location of Discharge: SE 1/4 of SW 1/4, Section 15, T9S, R21E, SBB&M

MONITORING

The discharger shall monitor all wastes discharged to the disposal site and report to the Regional Board the following:

<u>Item</u>	<u>Reporting Unit</u>	<u>Frequency</u>
1. Refuse discharged	Cubic yards	Quarterly
2. Septic tank pumpings and chemical toilet wastes discharged	Gallons	Quarterly
3. Pesticide containers discharged	Cubic yards	Quarterly
4. Any wastes discharged other than those allowed in the requirements	Type, volume and exact location	Immediately upon becoming aware that the waste has been discharged.
5. Landfill capacity remaining	Percent	Annually

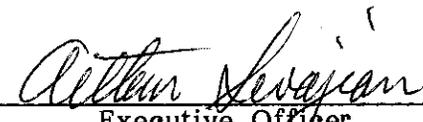
REPORTING

Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, and October 15 of each year. Annual monitoring reports shall be submitted by January 15 of each year.

Submit monitoring reports to:

California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

  
Executive Officer

March 23, 1988

Date

