

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 83-18

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF IMPERIAL
SALTON CITY SOLID WASTE DISPOSAL SITE
West of Salton City - 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), Courthouse, El Centro, Ca 92243, submitted current information to update requirements for the existing site west of Salton City.
2. County of Imperial is currently discharging Group 2 and Group 3 wastes in the N $\frac{1}{2}$ of Section 12, T11S, R9E, SBB&M. This property is owned by the United States Government, with administration by the Bureau of Land Mangement, California Desert District, 1695 Spruce St., Riverside, California and is operated by the County of Imperial.
3. County of Imperial operates the site as a landfill.

The site presently receives:

- a. residential refuse
- b. commercial refuse
- c. construction/demolition wastes

The site may, in the future, receive:

- a. septic tank pumping
- b. chemical toilet wastes
- c. geothermal drilling muds

4. The site presently receives approximately 300 tons of refuse annually. It has an estimated life of 50+years. Total site area is 320 acres.
5. Land within 1,000 feet of this site is zoned for open space. It is presently natural desert.
6. The Water Quality Control Plan for the West Colorado River Basin was adopted on April 10, 1975. The Basin Plan contains water quality objectives for West Salton Sea Hydrologic Unit, and this Order implements these objectives.

*Superseded
1/27/88
by order #
88-24-*

7. Ground waters at the site are saline and are not presently beneficially used. Shallow ground waters in this area range in total dissolved solids content from 2,000 to 5,000 mg/l. Deep geothermal waters are in excess of 4,000 mg/l TDS. Depth to ground water is not known, but is in excess of 12 feet.
8. This disposal site meets the criteria contained in the California Administrative Code, Title 23, Subchapter 15, for classification as a Class II-2 disposal site suitable to receive Group 2 and Group 3 wastes.
9. This discharge has been subject to waste discharge requirements adopted in Board Resolution No. 70-53.
10. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
11. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
12. The disposal site constitutes an ongoing project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et.seq.) and Title 14, California Administrative Code, Article 6.5, Section 15070, because the governmental approvals on or after April 5, 1973, do not involve a greater degree of responsibility or control over such activity than the governmental approvals received prior to that date.

IT IS HEREBY ORDERED, County of Imperial 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 (l) and 13050 (m) of the California Water Code.
2. Waste materials shall not be discharged outside the designated disposal area shown on Attachment "A".
3. Surface drainage from tributary areas and internal site drainage from surface or subsurface sources shall not contact or percolate through Group 2 wastes discharged at the site.
4. Group 2 wastes shall not be discharged on any surface which is less than six feet above the highest anticipated ground water level.
5. No Group 2 wastes shall be placed in ponded water from any source whatsoever.

6. The following wastes shall each be discharged in separate disposal cells constructed apart from Group 2 and Group 3 refuse unless otherwise approved by the Executive Officer:
 - a. chemical toilet wastes and septic tank pumpings
 - b. geothermal drilling muds
7. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
8. Chemical toilet wastes discharged at this site shall not contain additives prohibited by the California Administrative Code, Title 22, Chapter 30, Section 66883.
9. Only geothermal drilling muds which have extractable water containing a total dissolved solids concentration which is less than 6,000 mg/l, and not containing hazardous substances* as designated by the State of California Department of Health Services, may be discharged at this site.
10. There shall be no discharge of liquids other than geothermal drilling muds, chemical toilet wastes and septic tank pumpings unless approved by the Executive Officer.
11. The disposal area shall be protected from any washout or erosion of wastes or covering material and from inundation which could occur as a result of floods having a predicted frequency of once in 100 years.
12. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
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 of any waste to surface drainage courses is prohibited.
2. Group 1 wastes shall not be discharged at this site.

C. Provisions

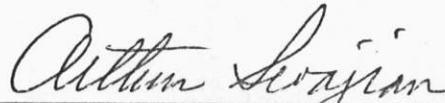
1. The discharger shall file an updated operation plan with this Board when substantial changes in operations have been made, and a letter indicating conformance with existing plans and requirements shall be submitted annually. Said plan and letter shall be pursuant to the California Administrative Code, Title 23, Subchapter 15, Section 2552.

*See Attachment "B".

2. Prior to three years from closure of the total site, the discharger shall file a Site Closure and Maintenance Report with this Board pursuant to the California Administrative Code, Title 23, Subchapter 15, Section 2553.
3. Site Closure and Maintenance Reports shall conform to minimum closure requirements set forth in the California Administrative Code, Title 23, Subchapter 15, Section 2553.2.
4. The discharger shall comply with "Monitoring and Reporting Program No. 83-18", and future revisions thereto, as specified by the Executive Officer.
5. The discharger shall maintain monuments identifying the limits of the disposal site and of each solid waste disposal area within the site.
6. The discharger shall maintain a copy of this Order available at all times to site operating personnel.
7. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes. In the event of any change in ownership of the disposal site, or change of operator, the County of Imperial shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be filed with this Board.
8. This Order supersedes this Board's Resolution No. 70-~~64~~

53 JB

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 May 18, 1983.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 83-18
 FOR
 COUNTY OF IMPERIAL
 SALTON CITY SOLID WASTE DISPOSAL SITE
 West of Salton City - Imperial County

Location of Discharge: N $\frac{1}{2}$ of Section 12, T11S, R9E, SBB&M

MONITORING

The County of Imperial shall report to the Regional Board concerning the following:

<u>Item</u>	<u>Reporting Unit</u>	<u>Frequency</u>
1. Refuse discharged at the solid waste disposal site.	Cu. Yd./Quarter	Quarterly
2. Geothermal drilling mud discharged at solid waste disposal site.	Gallons/Quarter or Cu. Yd./Quarter	Quarterly
3. Representative samples of drilling mud, cuttings, and geothermal fluid proposed for disposal at this Class II-2 solid waste disposal site, shall be analyzed for the following constituents and the results reported to the Regional Board prior to discharge.		To be received in the office of the Regional Board at least 2 working days prior to proposed discharge.
a. Arsenic and compounds	mg/kg	
b. Barium (excluding barite) and compounds	mg/kg	
c. Lead compounds, inorganic	mg/kg	
d. Lead compounds, organic	mg/kg	
e. Zinc compounds	mg/kg	

4. Septic tank pumpings and chemical toilet wastes discharged at solid waste disposal site.

Gallons/Quarter

Quarterly

5. Any discharge of wastes other than those allowed in specifications.

Type, volume and exact location

Immediately upon becoming aware that the waste has been discharged.

REPORTING

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

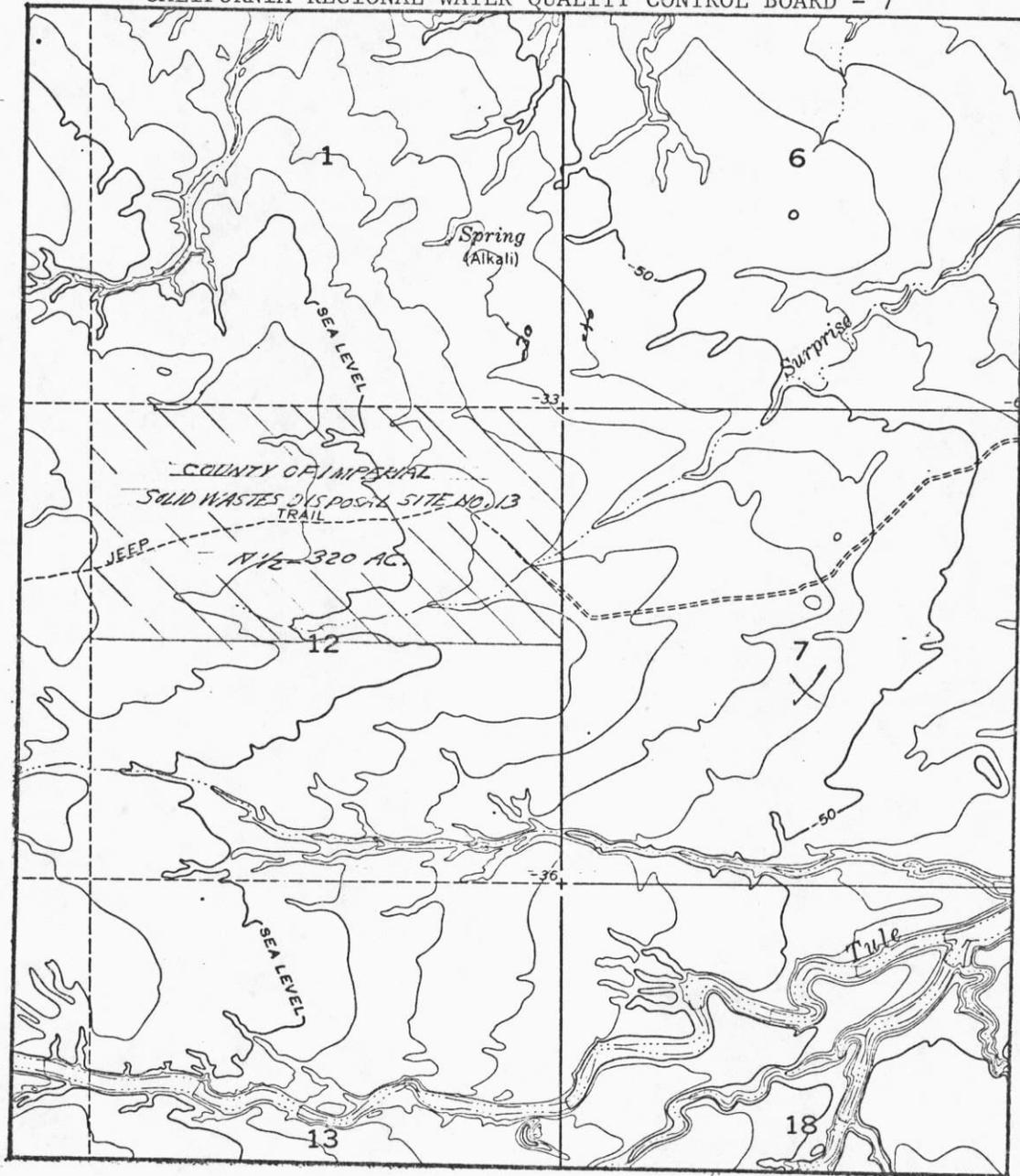
Submit monitoring reports to:

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

ORDERED BY:

Arthur Swajian
Executive Officer

5/25/83
Date



Scale:

1" = 2,000'

SITE MAP

COUNTY OF IMPERIAL
SOLID WASTE DISPOSAL SITE NO. 13
South of Salton City - Imperial County
N1/2 of Section 12, T11S, R9E, SBB&M
USGS Kane Spring NW Area 7.5 min. Topographic Map

ORDER NO. 83-18

ATTACHEMENT A

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ATTACHMENT B
to Order No. 83-18

Threshold Limit Concentrations
for
Persistent and Bioaccumulative Toxic Substances

Drilling mud, cuttings, and other geothermal wastes containing the following substances having concentrations equal to or greater than those listed below are designated as hazardous by the State of California Department of Health Services.

	<u>Soluble Threshold Limit mg/kg</u>	<u>Total Threshold Limit net weight mg/kg</u>
1. Arsenic and compounds	5	50
2. Barium (excluding barite) and compounds	100	1,000
3. Lead compounds, inorganic	5	50
4. Lead compounds, organic	—	13
5. Zinc compounds	17	170