

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 80-80

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF IMPERIAL
CALEXICO SOLID WASTE DISPOSAL SITE

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 a Report of Waste Discharge dated July 15, 1980. Supplemental information contained in the Report of Waste Discharge constitutes an Operation Plan pursuant to the California Administrative Code, Title 23, Chapter 3, Subchapter 15.
2. County of Imperial is discharging Groups 2 and 3 wastes in the E 1/2 of the NW 1/4 of Section 16, T17S, R14E, SBB&M except that portion thereof indicated as Parcels D and E on L.S. Map as shown in Attachment "A" incorporated herein and made part of this order. This property is owned by Imperial Irrigation District.
3. County of Imperial operates the site as a landfill. The site presently receives residential/commercial refuse, tires, construction/demolition wastes, septic tank pumpings, chemical toilet wastes, and geothermal drilling muds, and empty pesticide containers.
4. County of Imperial submitted with its report of waste discharge, an engineering report showing proposed construction of a subsurface tile drain pipe at the site perimeter which would intercept subsurface drainage from adjacent elevated agricultural fields and route said subsurface drainage to New River. The County states that said tile line will be installed by June 30, 1981, and also, that an existing dike protects the site from a 100-year flood.
5. Land within 1000 feet of this site is used for agriculture.
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 Imperial Hydrologic Unit, and this order implements these objectives.

*replaced
by 88-072*

7. Groundwaters at the site are saline and are not presently beneficially used. Shallow groundwaters in this area range in total dissolved solids content from 5,000 to 12,000 mg/l.
8. The beneficial uses of water in New River are:
 - a. Transport of dissolved solids to Salton Sea for agricultural soil salinity control.
 - b. Freshwater replenishment for Salton Sea.
 - c. Freshwater habitat for fish and wildlife.
 - d. Recreation - non-water contact.
9. Upon conformance with waste discharge requirements, this disposal site will meet the criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II-2 disposal site suitable to receive Group 2 and 3 wastes.
10. This discharge has been subject to waste discharge requirements adopted in Board Resolution No. 70-38.
11. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
12. The Board in a public meeting heard and considered all comments pertaining to the proposed discharge.
13. 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 23, California Administrative code, Chapter 3, Subchapter 17, Section 2715, 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 Sections 13050(1) 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. Geothermal drilling muds, triple-rinsed, punctured, empty pesticide containers, and chemical toilet wastes and septic tank pumpings shall each be discharged in separate disposal cells constructed separate from other Groups 2 and 3 refuse, unless otherwise approved by the Executive Officer.
4. 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.
5. Dikes constructed to meet Discharge Specification No. 4 shall be protected to prevent erosion and sloughing of dikes by the New River.
6. 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.
7. Runoff from tributary, irrigated areas shall not be allowed to flow into Group 2 wastes or areas containing Group 2 wastes.
8. Group 2 wastes shall not be discharged on any surface which is less than five feet above the highest anticipated groundwater level.
9. No Group 2 wastes shall be placed in ponded water from any source whatsoever.
10. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
11. Group 1 wastes shall not be discharged at this site.
12. Only pesticide containers which are empty, triple-rinsed and punctured may be discharged at this site.
13. 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 wastes* as designated by the State of California Department of Health Services, may be discharged at this site.
14. There shall be no discharge of liquids other than geothermal drilling mud, wastes from Anza Packing Co., and chemical toilet wastes and septic tank pumpings unless approved by the Executive Officer.
15. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.

*See Attachment B

16. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.

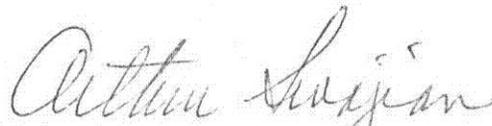
B. Prohibition

1. The discharge of waste to surface drainage courses is prohibited.

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.
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 Subchapter 15, Section 2553.2.
4. The discharger shall comply with "Monitoring and Reporting Reporting Program No. 80-80", 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 Order supersedes this Board's Resolution No. 70-38.

I, Arthur Swajian, 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, Colorado River Basin Region on November 12, 1980.



Executive Officer

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 Sevajian
Executive Officer

August 3, 1982
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 80-80(REVISION NO. 1)
 FOR
 COUNTY OF IMPERIAL
 CALEXICO SOLID WASTE DISPOSAL SITE

Location of Discharge: Adjacent to the New River West of Calexico

MONITORING

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

<u>Item</u>	<u>Unit</u>	<u>Reporting Frequency</u>
1. Refuse discharged at the solid waste disposal site.	Cu.Yd./Quarter	Quarterly
2. Geothermal drilling mud discharged at the solid waste disposal site.	Gallons/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. Pesticide containers discharged at a solid waste disposal site.	Cu.Yd./Quarter	Quarterly
5. Septic tank pumpings and chemical toilet wastes discharged at the solid waste disposal site.	Gallons/Quarter	Quarterly
6. Any discharge of wastes other than those allowed in the specifications.	Type, volume, and exact location	Immediately upon becoming aware that the waste has been discharged.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION
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b. Barium (excluding barite) and compounds	mg/kg	
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e. Manganese compounds	mg/kg	
f. Zinc compounds	mg/kg	
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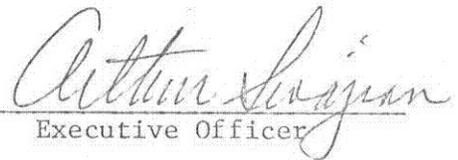
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ORDERED BY:

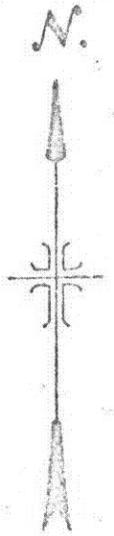

Executive Officer

November 12, 1980

Date

ATTACHMENT "A"

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 2,000'

SITE MAP
CALEXICO SOLID WASTE DISPOSAL SITE
East of Calexico - Imperial County
Section 16, T17S, R14E, SBB&M
USGS Heber 7.5 min. Topographic Maps

Order No. 80-80

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ATTACHMENT B

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. Manganese compounds	100	1,000
6. Zinc compounds	17	170