

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER NO. 88-72

**WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF IMPERIAL
CALEXICO CLASS III WASTE MANAGEMENT FACILITY
West of Calexico - Imperial County**

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

1. The County of Imperial (hereinafter also referred to as the discharger), 155 South 11th Street, El Centro, CA 92243, submitted a Report of Waste Discharge in March 1988 to update the waste discharge requirements for the existing site at Calexico. The disposal facility is located in the NW $\frac{1}{4}$ of Section 16, T17S, R14E, SBB&M. This property is owned by the Imperial Irrigation District, 1284 Main Street, El Centro, CA.
2. The disposal facility has been subject to waste discharge requirements under Board Order No. 80-80. 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 entitled, "Calexico Solid Waste Disposal Site; Report of Disposal Site Information for Five Year Permit Review and Permit Revision", dated March 1988 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 Subchapter 15 will be submitted in accordance with a time schedule included in the provisions of this Order.
4. The Solid Waste Assessment Testing (SWAT) report for this facility, required by Section 13273 of the California Water Code, will contain most of the technical information required in Subchapter 15. The SWAT report is due by July 1, 1989.
5. The facility will be reclassified, in accordance with the criteria set forth in said Subchapter 15 for Class III landfills, at the time the SWAT report is reviewed and a determination made as to the need to construct a liner with a leachate collection and removal system in new landfill areas within the facility or to relocate the facility. This will be based on the technical data contained in the SWAT report and other relevant information.
6. The discharger operates the disposal facility as a landfill.

The site presently receives:

- a. Residential refuse
- b. Commercial refuse
- c. Tires

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- d. Construction/Demolition wastes
 - e. Empty pesticide containers
 - f. Septic tank pumpings
 - g. Chemical toilet wastes
 - h. Drilling mud and cuttings
7. Separate cells have been constructed apart from the landfill units to receive drilling mud and cuttings, septic tank pumpings, empty, triple-rinsed and punctured pesticide containers. The pesticide container cells are in an enclosed, locked area. There is an attendant present at posted hours to accept pesticide containers.
 8. The discharger reports that septic tank pumpings are not presently accepted; however, a separate waste disposal area has been provided for such disposal.
 9. The site receives approximately 70 tons per day of refuse. The total capacity of the site is 2,516,800 cubic yards with 1,765,500 remaining. It has an estimated life of 18 years. Total area of the site is 108 acres.
 10. Land within 1,000 feet of this site is zoned for agriculture. This zoning and land use is compatible with the disposal facility.
 11. Ground water quality data for central Imperial Valley is sparse. Sporadic data collected from throughout the central portion of Imperial Valley indicate that the ground water is generally highly mineralized, ranging from 5,000 to 50,000 mg/l in TDS. Depth to ground water is about 6 feet. Average annual rainfall is 2.92 inches.
 12. The disposal site is adjacent to the New River. Water quality data collected by the Regional Board between February 1980 and February 1988 indicate that total dissolved solids concentration in the river ranges from approximately 2,500 to 4,500 mg/l.
 13. Attachment A, which shows the location of the site, is a part of this Order.
 14. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.
 15. The Basin Plan delineates the location of discharge to be in the Imperial Hydrologic Subunit which has the following beneficial uses of ground water:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply

However, in the agricultural areas of Imperial Valley the ground water is saline and is not beneficially used.

16. The beneficial uses of water in New River are:
 - a. Freshwater replenishment for Salton Sea
 - b. Warmwater habitat for fish and other aquatic life
 - c. Recreation - non-water contact
 - d. Wildlife habitat

17. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
18. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
19. 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 nuisance as defined in Section 13050(l) and Section 13050 (m) of the California Water Code.
2. Wastes shall be discharged only into waste management units specifically designed for their containment and shall be confined to the waste management facility as shown on Attachment A.
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 surface or ground waters.
5. The waste management units shall be designed, constructed, operated and maintained to prevent inundation or washout due to floods from a 100-year, 24-hour storm.
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. Triple-rinsed, punctured, empty pesticide containers, septic tank pumpings, chemical toilet wastes and drilling mud and cuttings shall be discharged in separate waste management units constructed apart from Class III wastes. The pesticide container disposal area shall be enclosed to prevent unauthorized access.
9. Only drilling mud and cuttings 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.
10. A minimum freeboard of two feet shall be maintained in the cells containing liquid wastes.

11. Chemical toilet wastes discharged at this site shall not contain additives prohibited by Section 66883, Chapter 30, Title 22 of the California Code of Regulations.
12. There shall be no discharge of liquid wastes other than septic tank pumpings and chemical toilet wastes in the designated disposal cells.
13. Solid waste shall not be placed in ponded water.
14. 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.

C. Provisions

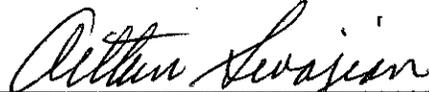
1. The discharger shall maintain a copy of this Order at the site and make it available at all times to site operating personnel.
2. The discharger shall notify the Regional Board, in writing, of any proposed change in ownership or responsibility for construction or operation of the waste management facility.
3. The discharger shall notify the Regional Board of any material change or proposed change in the character, location, or volume of the wastes discharged and of any proposed expansion plans. This notification 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.
4. The discharger shall comply with "Monitoring and Reporting Program No. 88-72" and future revisions thereto, as specified by the Regional Board's Executive Officer.
5. 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.
6. The discharger shall maintain monuments identifying the boundary limits of the entire waste management facility.
7. By May 1, 1989, 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.

8. One year prior to the anticipated closure of the facility or any unit (portion) thereof, 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.
9. By October 1, 1988, the discharger shall submit to the Regional Board for approval by the Executive Officer, a plan and time schedule for compliance with the requirements of the following sections of said Subchapter 15:
 - a. Section 2551: Required Programs
 - b. Section 2555: General Ground Water Monitoring Requirements
 - c. Section 2595: Waste Management Unit Characteristics
 - d. Section 2596: Design Report and Operations Plan
10. 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.
11. Annually, prior to the 1st day of November, any necessary erosion control measures shall be implemented and any necessary construction, maintenance, or repairs of precipitation and drainage control facilities shall be completed to prevent erosion or flooding of the site; and the report thereon shall be submitted to the Regional Board by November 15 of each year.
12. Water used for site maintenance shall be limited to the minimum amount necessary for dust control.
13. 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.
14. The discharger shall comply with all applicable provisions of Subchapter 15 that are not specifically referred to in this Order.

IT IS FURTHER ORDERED that Board Order No. 80-80 be superseded by this Order.

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 JUN 30 1988.


Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM NO. 88-72
FOR
COUNTY OF IMPERIAL
CALEXICO CLASS III WASTE MANAGEMENT FACILITY
West of Calexico - Imperial County

Location of Discharge: NW $\frac{1}{4}$, Section 16, T17S, R14E, SBB&M

WASTE MONITORING

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

<u>Item</u>	<u>Unit</u>	<u>Reporting 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. Drilling mud and cuttings discharged	gallon or cubic yards	quarterly
5. 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
6. Landfill capacity remaining	percent	annually

REPORTING

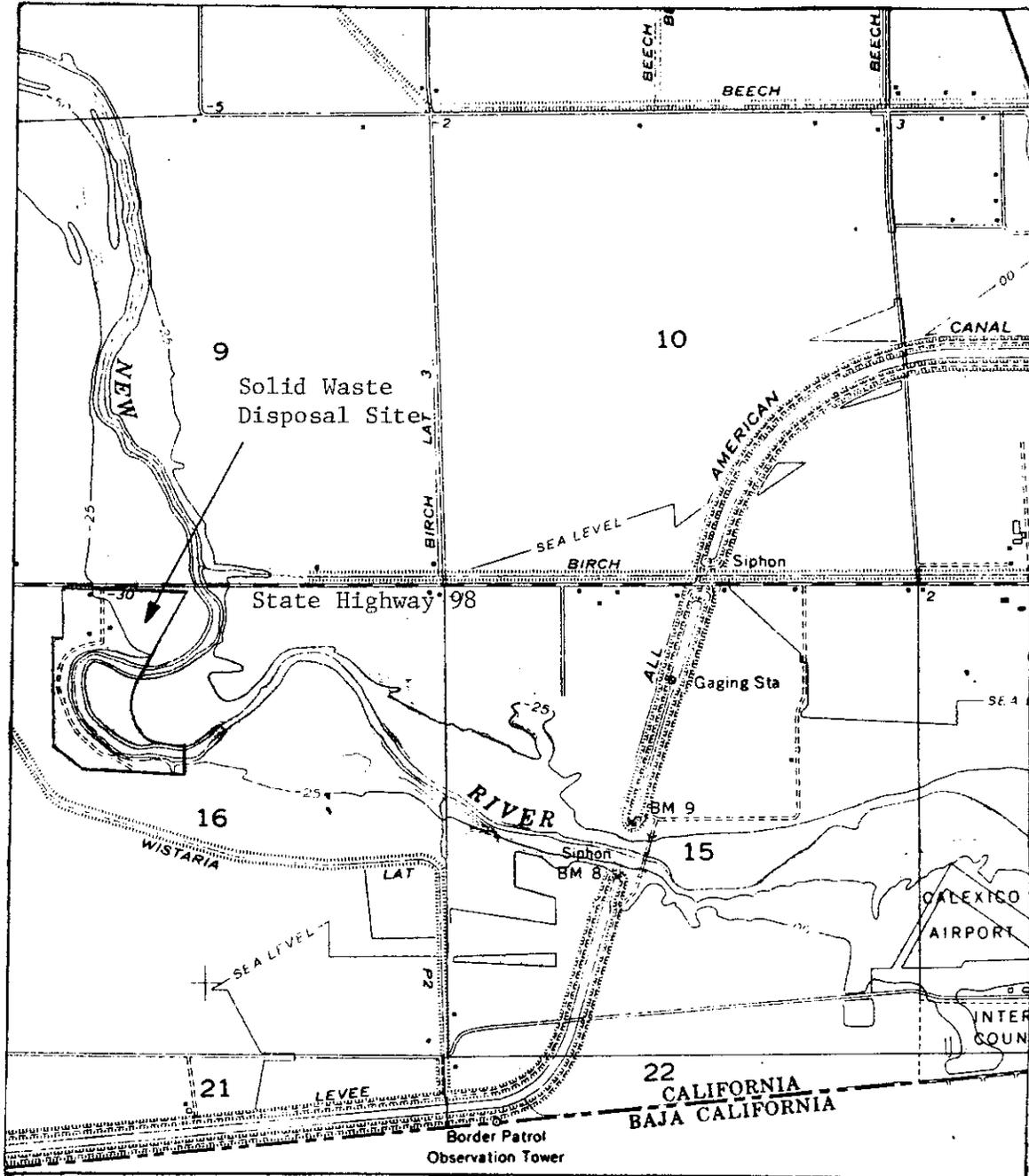
1. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year. Annual monitoring reports shall be submitted by January 15 of each year, except that the annual report required under Provision No. 11 of Board Order No. 88-72 shall be submitted by November 15 of each year.
2. Monitoring reports shall be certified under penalty of perjury to be true and correct and shall contain the required information at the frequency designated in the monitoring program.
3. 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
July 15, 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



ATTACHMENT A

CALEXICO CLASS III WASTE MANAGEMENT FACILITY
West of Calexico - Imperial County
NW $\frac{1}{4}$ of Section 16, T17S, R14E, SBB&M
USGS Heber 7.5 min. Topographic Maps