

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

ORDER NO. 88-73

**WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF IMPERIAL  
BRAWLEY CLASS III WASTE MANAGEMENT FACILITY  
North of Brawley - 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 on March 24, 1988 to update the waste discharge requirements for the existing site at Brawley. The disposal facility is located in Tract 141, which is the NW $\frac{1}{4}$  of Section 28, NE $\frac{1}{4}$  of Section 29, T13S, R14E, SBB&M. This property is owned by the County of Imperial.
2. The disposal facility has been subject to waste discharge requirements under Board Order No. 80-79. 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, "Brawley Solid Waste Disposal Site; Report of Disposal Site Information for Five Year Permit Review and Permit Revision", dated March 24, 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 with the Solid Waste Assessment Testing (SWAT) report due on July 1, 1990, required by Section 13273 of the California Water Code, and in accordance with a time schedule included in the provisions of this Order.
4. 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.
5. County of Imperial operates the site as a landfill.

The site presently receives:

- A. Residential refuse
- b. Commercial refuse
- c. Tires
- d. Construction/Demolition wastes
- e. Septic tank pumpings
- f. Chemical toilet wastes
- g. Drilling mud and cuttings

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Superseded  
w/ 91-031*

6. Separate cells have been constructed apart from the landfill units to receive drilling mud and cuttings, and septic tank pumpings.
7. The site receives approximately 68 tons per day of refuse. The total capacity of the site is 1,739,000 cubic yards with 1,229,500 remaining. It has an estimated life of 9 years. Total area of the site is 52 acres. No fencing is placed around the working area of the site. A 12-inch cover is placed over the working face once every day except Sunday.
8. Ground water quality data for central Imperial County 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. This site is underlain by soil which is predominantly clay mixed with sand and silt. Average annual rainfall is 2.92 inches.
9. 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 the total dissolved solids concentration in the river water ranges from approximately 2,500 to 4,500 mg/l.
10. Attachment A, which shows the location of the site, is part of this Order.
11. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.
12. The Basin Plan delineates the location of discharge to be in the Imperial Hydrologic Subunit which has the following beneficial uses of ground waters in some areas of the Subunit:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply

However, ground waters in the agricultural area of Imperial Valley are saline and are not beneficially used.
13. 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
14. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
15. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
16. 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. Septic tank pumpings, chemical toilet wastes and drilling muds and cuttings, shall be discharged in separate waste management units constructed apart from the Class III wastes.
9. Only drilling mud and cuttings which have extractable water containing a total dissolved solids concentration 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. There shall be no discharge of liquid wastes other than septic tank pumpings and chemical toilet wastes in the designated disposal cells.
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. A minimum freeboard of two feet shall be maintained in the cells containing liquid wastes.
13. Solid waste shall not be discharged in ponded water.
14. The discharger shall remove and properly 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.

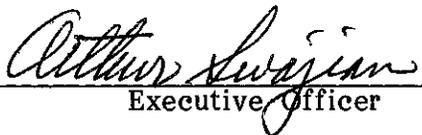
## C. Provisions

1. The discharger shall maintain a copy of this Order at the waste management facility 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 a 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. 88-73" 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 that 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. 80-79 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.

  
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Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 88-73  
FOR  
COUNTY OF IMPERIAL  
BRAWLEY CLASS III WASTE MANAGEMENT FACILITY  
North of Brawley - Imperial County

Location of Discharge: Tract 141 in the NW $\frac{1}{4}$  Section 28, NE $\frac{1}{4}$  Section 29, T13S, 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. Drilling muds and cuttings discharged	gallons or 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

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 reporting required under Provision No. 11 of Order No. 88-73 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:

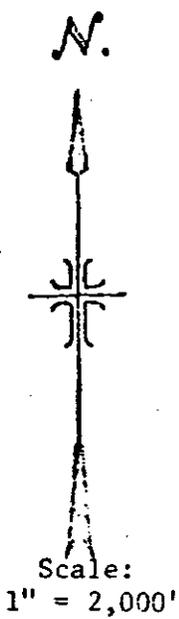
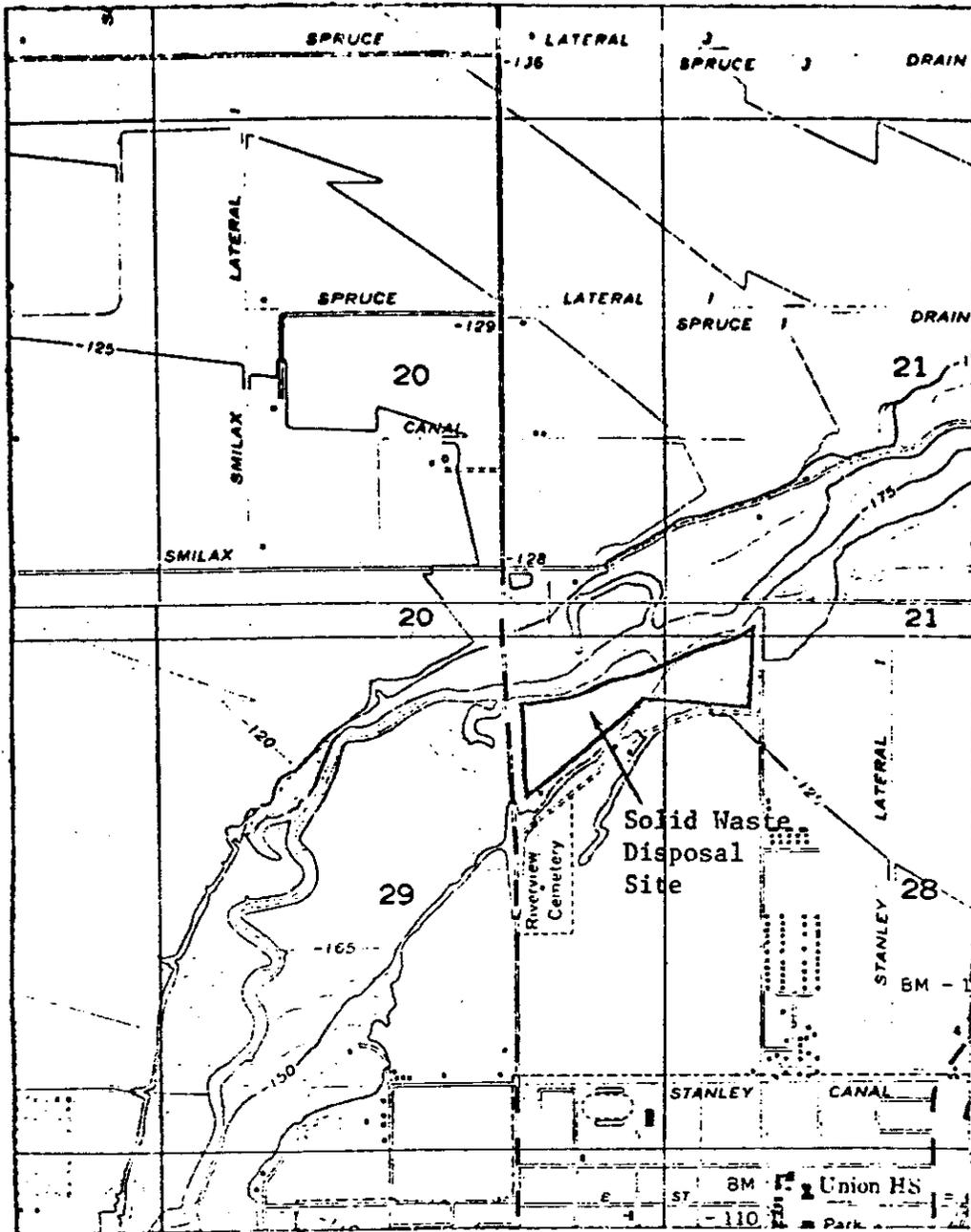
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

*Arthur Sugin*  
Executive Officer

*July 15, 1988*  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



ATTACHMENT A

BRAWLEY CLASS III WASTE MANAGEMENT FACILITY  
North of Brawley - Imperial County  
NW $\frac{1}{4}$  of Section 28, NE $\frac{1}{4}$  of Section 29, T13S, R14E, SBB&M  
USGS Brawley and Westmorland 7.5 min. Topographic