

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 88-138

WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF RIVERSIDE  
OASIS CLASS III WASTE MANAGEMENT FACILITY  
South of Oasis - Riverside County

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

1. The County of Riverside, (hereinafter also referred to as the discharger), 11728 Magnolia Avenue, Suite A, Riverside, CA 92503, submitted a Report of Waste Discharge with current information on August 11, 1988, to update the waste discharge requirements for the existing disposal facility located in the NE 1/4 of Section 31, T8S, R9E, SBB&M on land owned by the discharger.
2. The disposal facility has been subject to waste discharge requirements under Board Order No. 83-93. 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 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 said Subchapter 15. The SWAT Report is due by July 1, 1991.
4. The facility will be reclassified, in accordance with the criteria set forth in 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. The SWAT work includes construction of ground water monitoring wells from which background water quality data will be developed to establish numerical limitations on water quality constituents for protection of the ground water. At such time, this Order will be revised to include the detection and verification monitoring programs and the corrective action program required in Section 2551 of said Subchapter 15.

*Amended  
Adopted on  
9-15-93 by  
B.D. #  
93-071*

6. The discharger reports that they are presently discharging 91 cubic yards per day of wastes. The site covers 160 acres which includes two separate (but adjacent) disposal fill areas, consisting of 33 acres with a capacity of 560,000 cubic yards, and 127 acres of an undetermined capacity for future expansion. The active 33-acre site is anticipated to be operational until the year 2002.
7. The discharger reports that the site presently receives municipal refuse, agricultural waste, tires, construction/demolition waste, inert material, dead animals, and pesticide containers. The discharger further reports that hazardous wastes are not and will not be accepted.
8. Attachments "A" and "B", which show the location and description of the site, are part of this Order.
9. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984.
10. The Basin Plan delineates the location of discharge to be in the Indio Hydrologic Subarea which has the following beneficial uses of ground water:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply
11. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
12. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
13. These waste discharge requirements govern existing facilities, which the discharger is currently operating, and therefore are exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301 of Chapter 3, Title 14, of the California Code of Regulations.

IT IS HEREBY ORDERED THAT, the discharger 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(1) and (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 and described on the attached site maps.

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. 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 unless otherwise approved by the Executive Officer.
4. The discharge of wastes 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 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.

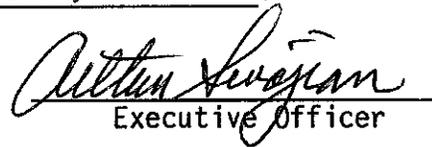
4. The discharger shall comply with "Monitoring and Reporting Program No. 88-138", and future revisions thereto, as specified by the Regional Board's Executive Officer.
5. The discharger shall maintain legible records on the volume and type of waste discharged at the site. These records shall be available 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.
6. The discharger shall maintain visible monuments identifying the boundary 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 May 1, 1989, the discharger shall submit to the Regional Board 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 amounts 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. 83-93 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 November 30, 1988.

  
Executive Officer

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

REVISED MONITORING AND REPORTING PROGRAM NO. 88-138  
FOR  
COUNTY OF RIVERSIDE  
OASIS WASTE MANAGEMENT FACILITY  
CLASS III LANDFILL  
South of Oasis - Riverside County

Location of Discharge: NE ¼, Section 31, T8S, R9E SBB&M

The discharger shall monitor all wastes discharged to the waste management facility and report to the Regional Board as follows:

A. WASTE MONITORING

	<u>Landfill</u>	<u>Reporting Frequency</u>
1. Solid wastes discharge	Cubic yards	Semi-Annually
2. Type of Materials discharged	----	Semi-Annually
3. Remaining capacity of Waste Management Facility	Cubic yards	Semi-Annually
4. Any discharge of wastes other than those allowed by this Board Order	Type, volume and location	Immediately upon becoming aware that the waste has been discharged together with action for immediate correction and prevention of recurrence
5. Hazardous waste load checking and storage (not more than 90 days)	Cubic yards	Semi-Annually

B. GROUND WATER MONITORING

The ground water monitoring wells shall be sampled Quarterly during March, June, September and December. The samples shall be analyzed for the following:

1. Inorganics

<u>Parameters</u>	<u>Unit</u>	<u>Samples</u>	<u>Reporting Frequency</u>
Alkalinity (as CaCO <sub>3</sub> )	mg/L	Grab	Semi-Annually
Ammonia-Nitrogen	mg/L	Grab	Semi-Annually
Antimony	mg/L	Grab	Semi-Annually
Arsenic	mg/L	Grab	Semi-Annually
Barium	mg/L	Grab	Semi-Annually
Beryllium	mg/L	Grab	Semi-Annually
Bicarbonate (HCO <sub>3</sub> )	mg/L	Grab	Semi-Annually
Bicarbonate ((CaCO <sub>3</sub> )	mg/L	Grab	Semi-Annually
Cadmium	mg/L	Grab	Semi-Annually
Calcium	mg/L	Grab	Semi-Annually
Carbonate (CO <sub>3</sub> )	mg/L	Grab	Semi-Annually
Chromium	mg/L	Grab	Semi-Annually
Cobalt	mg/L	Grab	Semi-Annually
COD	mg/L	Grab	Semi-Annually
Copper	mg/L	Grab	Semi-Annually
Cyanide	mg/L	Grab	Semi-Annually
Electrical Conductivity	mg/L	Grab	Semi-Annually
Iron	mg/L	Grab	Semi-Annually
Lead	mg/L	Grab	Semi-Annually
Magnesium	mg/L	Grab	Semi-Annually
Manganese	mg/L	Grab	Semi-Annually
Mercury	mg/L	Grab	Semi-Annually

Nickel	mg/L	Grab	Semi-Annually
Nitrate – Nitrogen	mg/L	Grab	Semi-Annually
Nitrite – Nitrogen	mg/L	Grab	Semi-Annually
Potassium	mg/L	Grab	Semi-Annually
pH	Number	Grab	Semi-Annually
Selenium	mg/L	Grab	Semi-Annually
Silver	mg/L	Grab	Semi-Annually
Sodium	mg/L	Grab	Semi-Annually
Sulfide	mg/L	Grab	Semi-Annually
Sulfate	mg/L	Grab	Semi-Annually
Thallium	mg/L	Grab	Semi-Annually
TDS	mg/L	Grab	Semi-Annually
Vanadium	mg/L	Grab	Semi-Annually
Zinc	mg/L	Grab	Semi-Annually
2. Specific conductance	Micromhos/cm	Grab	Semi-Annually
3. Temperature	°F	Grab	Semi-Annually
4. Volatile Organics	mg/L	Grab	Semi-Annually
5. Semi- volatile Organics	mg/L	Grab	Semi-Annually
6. Ground Water Elevation	feet (USGS Datum)	Measurement	Semi-Annually

The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.

#### REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurement(s);
  - b. The individual(s) who performed the sampling or measurement(s);
  - c. The date(s) analyses were performed;
  - d. The individual(s) who performed the analyses;
  - e. The analytical techniques or method used; and
  - f. The results of such analyses.
3. Each report shall contain the following statement:

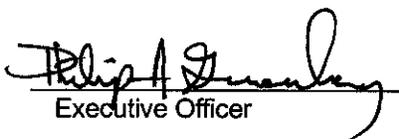
"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."

4. A duly authorized representative of the discharger may sign the documents if:
  - a. The authorization is made in writing by the person described above;
  - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
  - c. The written authorization is submitted to the Regional Board's Executive Officer.
5. Report immediately any failure in the waste disposal system to the Regional Board's Executive Officer and the Director of the County Environmental Health Department by telephone with follow-up letter.
6. 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 this monitoring report.
7. Semi-Annual monitoring reports shall be submitted to the Regional Board in accordance with the following schedule:

First Semi-Annual (April 1 through September 30) – due by October 30  
Second Semi-Annual (October 1 through March 31) – due by April 30
8. Annual monitoring reports shall be submitted to the Regional Board by April 30 of each year.
9. Five-year monitoring reports shall be submitted to the Regional Board by April 30 of the 6th year.
10. Submit monitoring reports to:

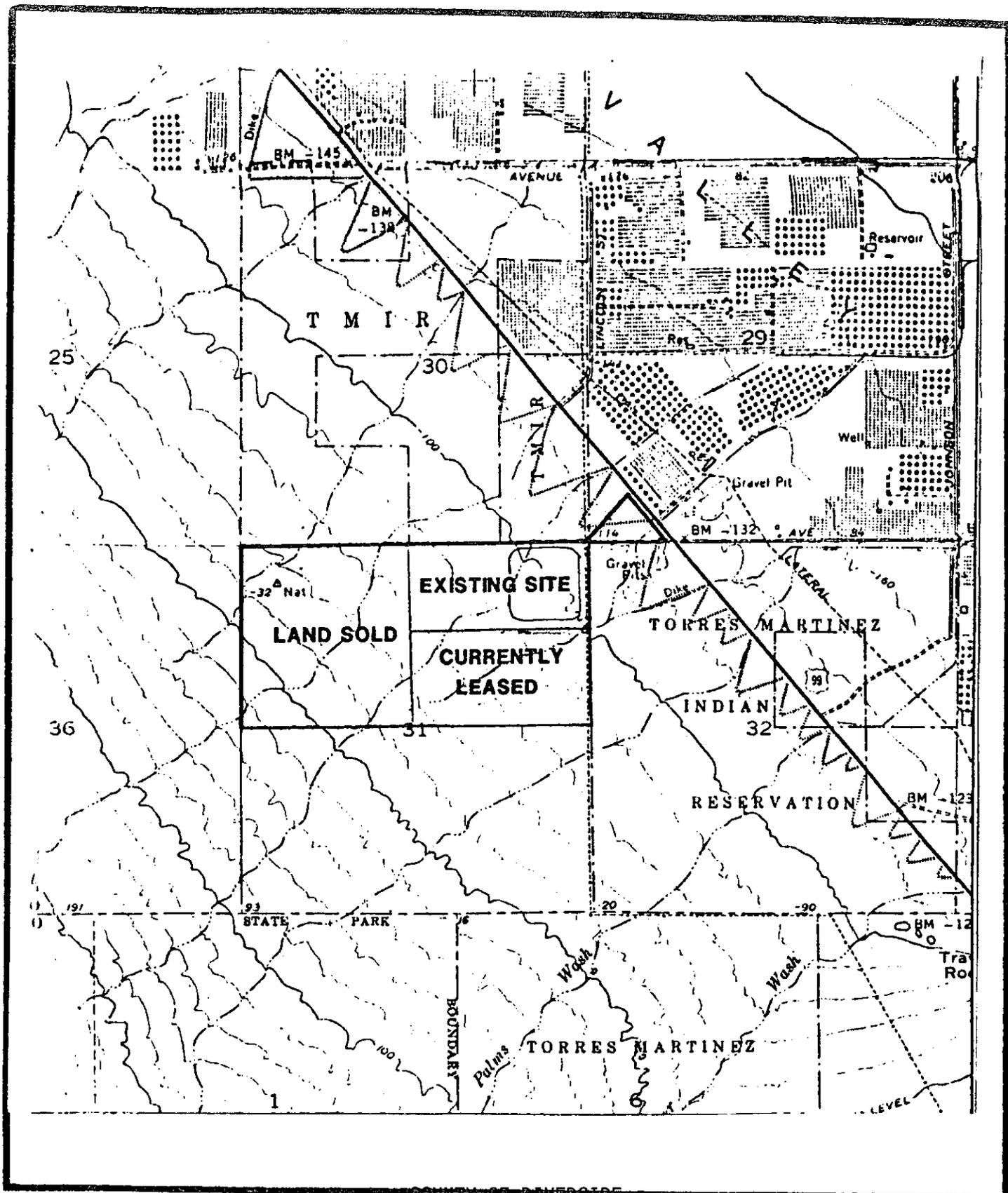
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-720 Fred Waring Drive, Suite 100  
Palm Desert, CA 92260

Ordered by:

  
Executive Officer

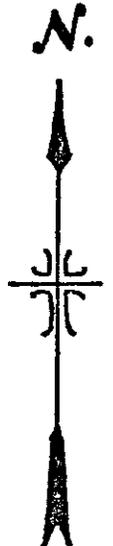
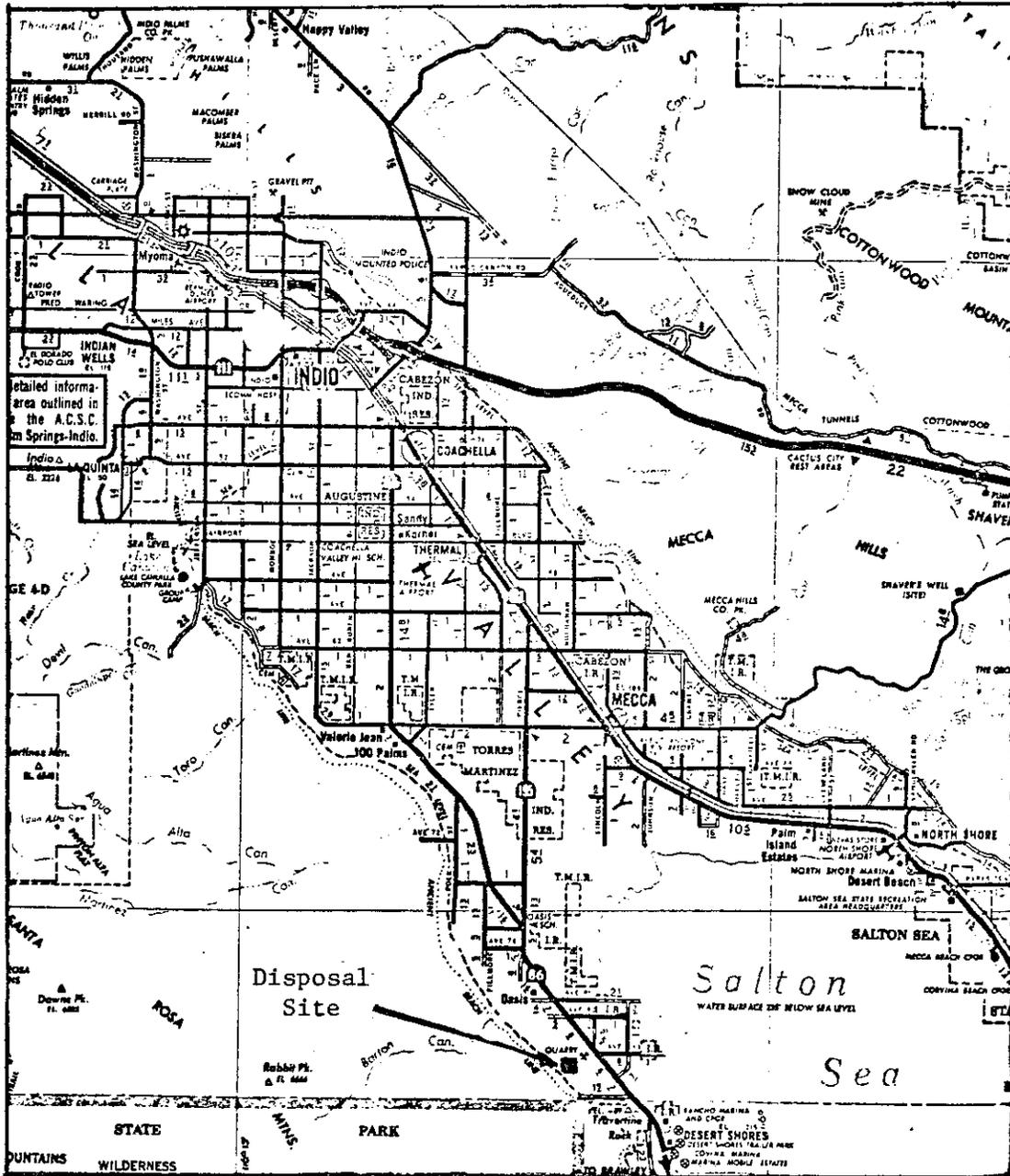
12-10-98

Date



COUNTY OF RIVERSIDE  
OASIS CLASS III WASTE MANAGEMENT FACILITY  
South of Oasis - Riverside County  
N 1/4, Section 31, T8S, R9E, SBB&M

Order No. 88-138  
Attachment A



Scale:  
1" = 3,000'

COUNTY OF RIVERSIDE  
 OASIS CLASS III WASTE MANAGEMENT FACILITY  
 South of Oasis - Riverside County  
 N 1/4, Section 31, T8S, R9E, SBB&M

Order No. 88-138  
 Attachment B

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 88-138  
FOR  
COUNTY OF RIVERSIDE  
OASIS CLASS III WASTE MANAGEMENT FACILITY  
South of Oasis - Riverside County

Location of Discharge: NE 1/4, Section 31, T8S, R9E, 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. Any wastes discharged other than those allowed in the requirements or as approved by the Executive Officer	Type, Volume and Approximate Location	Immediately upon becoming aware that waste has been discharged
3. 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 and an annual report by January 15 of each year, except that the annual report required under Provision No. 11 of Board Order No. 88-138 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 specified in the monitoring program.
3. The annual report required per Provision No. 11 of Board Order No. 88-138 shall be submitted by November 15 of each year.
4. 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 Sevejian*  
Executive Officer

November 30, 1988

Date

*Revised  
M&A  
12-10-98*