

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

ORDER NO. 84-96

**WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF SAN BERNARDINO  
TWENTYNINE PALMS SOLID WASTE DISPOSAL SITE  
East of Twentynine Palms - San Bernardino County**

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

1. The County of San Bernardino, Solid Waste Management Division (hereinafter also referred to as the discharger), 825 East Third Street, San Bernardino, California, 92415, submitted current information dated May 21, 1984 to update waste discharge requirements for the existing site.
2. The discharger is discharging nonhazardous wastes in the disposal site described as follows:

Beginning at the SW corner of Section 32, T1N, R10E, SBB&M; thence along the southerly prolongation of the West line of said Section South 1800 feet; thence East 1700 feet; thence North 0° 00' 20" West 1824.54 feet to South line of said Section 32; thence South 80° 10' 22" West 1700 feet to the point of beginning.

3. The discharger operates the site as a landfill. The site receives approximately 21,000 tons per year of nonhazardous wastes including:
  - a. residential refuse
  - b. commercial refuse
  - c. construction/demolition wastes
  - d. agricultural wastes

The site also receives the following liquid wastes which are discharged into earthen basins for final disposal by evaporation and infiltration:

- |   |                          |
|---|--------------------------|
| a. Septic tank pumpings                               | 225,000 gallons-per-year |
| b. Chemical toilet wastes                             | 1700 gallons-per-year    |
| c. Grease trap pumpings                               | 200 gallons-per-year     |
| d. Pumpings from garage and service station oil traps | 1000 gallons-per-year    |
| e. Crankcase oil                                      | 500 gallons-per-year     |

*replaced  
by 90-020*

4. The total capacity of the site is 400,000 cubic yards with 300,000 cubic yards remaining. It has an estimated remaining life of fourteen (14) years. Total site area is approximately 70 acres.
5. The nearest well to the site, Well No. 1N/10E-33C1, is located approximately two (2) miles to the northeast. The depth to ground water as reported by this well is about 300 feet. A sample taken from the well in May 1972 showed a total dissolved solids content of 1,000 mg/l.
6. The site is located on older alluvial fan deposits consisting of unconsolidated, poorly graded sand, silt, and gravel.
7. The beneficial uses of ground water in the Dale Hydrologic Unit are:
  - a. Municipal supply
  - b. Agricultural supply
  - c. Industrial supply
8. Land within 1,000 feet of this site is zoned for light manufacturing. At present it is natural desert.
9. The discharger has submitted an engineering report containing calculations which indicate that trenches constructed to divert surface waters around the site are sufficient for protection against flood waters occurring in a 100-year storm.
10. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on May 16, 1984. The Basin Plan contains water quality objectives for the Dale Hydrologic Unit, and this Order implements those objectives.
11. This disposal site meets the criteria contained in the California Administrative Code, Chapter 3, Subchapter 15, for classification as a disposal site suitable to receive those wastes described in Finding No. 3 (above).
12. This discharge has been subject to waste discharge requirements adopted in Board Order No. 77-74.
13. The Board has notified the discharger and interested persons and agencies of its intent to update waste discharge requirements for this site.
14. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
15. 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 State Guidelines because the governmental approvals on or after April 15, 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, the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of wastes shall not cause pollution or a nuisance as defined in Sections 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 waste discharged at this site.
4. Wastes shall not be discharged on any surface which is less than six feet above the highest anticipated ground water level.
5. Wastes shall not be placed in ponded water from any source whatsoever.
6. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
7. Chemical toilet wastes discharged at this site shall not contain additives prohibited by the California Administrative Code, Title 22, Chapter 30, Section 66883.
8. Pumpings from garage and service station oil traps and crankcase oil shall be disposed of by mixing with refuse material in the solid waste disposal areas within the site boundaries.
9. In-place refuse materials shall not contain in excess of 25 gallons of liquid wastes per-cubic-yard of refuse.
10. There shall be no discharge of liquids other than those listed in finding No. 3 (above).
11. The disposal area shall be protected from any washout or erosion of wastes or covering material and from any 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.

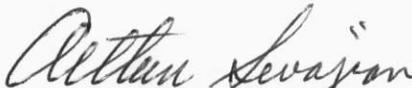
B. Prohibitions

1. The discharge of wastes to any surface drainage course is prohibited.

C. Provisions

1. The discharger shall file an updated operation plan with this Board when substantial changes in operations have been made. For the purpose of these requirements, this includes any proposed change in the boundaries or contours of the site. 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.
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 California Administrative Code, Title 23, Subchapter 15.
3. Site Closure and Maintenance Reports shall conform to minimum closure requirements set forth in the California Administrative Code, Title 23, Subchapter 15.
4. The discharger shall comply with "Monitoring and Reporting Program No. 84-96", 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 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 operations, the discharger shall:
  - a. Notify this Board of such a change; and
  - b. Transmit a copy of this Order to the succeeding owner or operator, and file a copy of the transmittal letter with this Board.

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 September 19, 1984.

  
Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 84-96  
FOR  
COUNTY OF SAN BERNARDINO  
TWENTYNINE PALMS SOLID WASTE DISPOSAL SITE  
East of Twentynine Palms - San Bernardino County

Location of Discharge: East of Twentynine Palms and near Twentynine Palms Airport  
(South of the SW $\frac{1}{4}$  of Section 32, T1N, R10E, SBB&M)

MONITORING

The discharger shall report to the Regional Board concerning the following:

<u>Item</u>	<u>Unit</u>	<u>Reporting Frequency</u>
1. Refuse discharged at solid waste disposal site	Cu. Yd./Quarter	Quarterly
2. Septic tank pumpings and chemical toilet wastes discharged at solid waste disposal site	Gallons/Quarter	Quarterly
3. 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

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:

  
Executive Officer

September 19, 1984  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 84-98  
 FOR  
 COUNTY OF SAN BERNARDINO  
 TWENTYNINE PALMS SOLID WASTE DISPOSAL SITE  
 East of Twentynine Palms - San Bernardino County

Location of Discharger: East of Twentynine Palms and near Twentynine Palms Airport  
 (South of the SW1 of section 22, T11N, R10E, S88W)

MONITORING

The discharger shall report to the Regional Board concerning the following:

Item	Unit	Reporting Frequency
1. refuse discharged at solid waste disposal site	Cu. Yd./Quarter	Quarterly
2. septic tank pumpings and chemical toilet wastes discharged at solid waste disposal site	Gallons/Quarter	Quarterly
3. 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

REPORTING

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

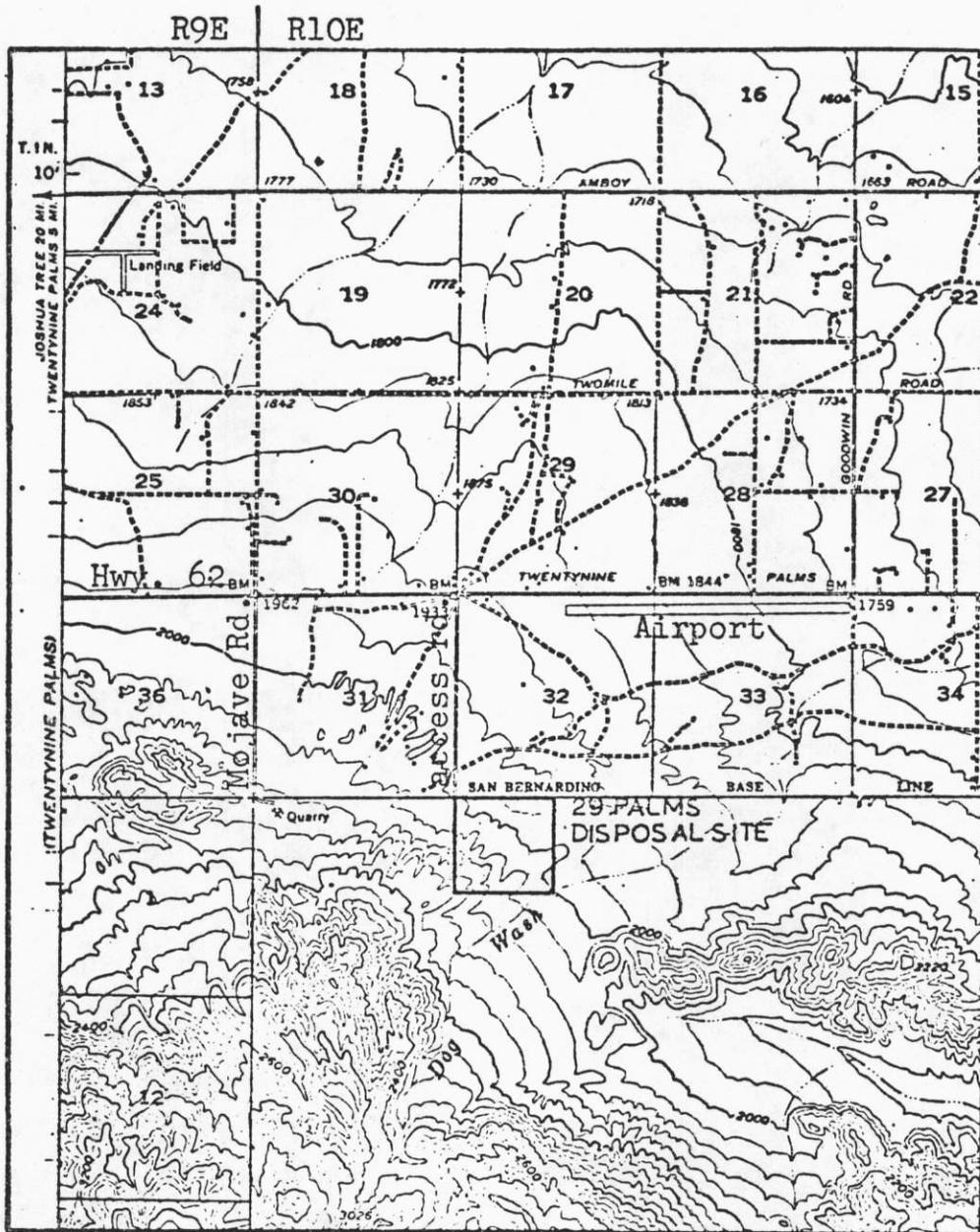
Submit monitoring reports to:

California Regional Water Quality Control Board  
 Colorado River Basin Region  
 74-271 Highway 111, Suite 21  
 Palm Desert, CA 92260

ORDERED BY:

*[Signature]*  
 Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-7



Scale:  
1" = 1 mi.

**SITE MAP**  
 COUNTY OF SAN BERNARDINO  
 TWENTYNINE PALMS SOLID WASTE DISPOSAL SITE  
 East of Twentynine Palms - San Bernardino County  
 South of the SW $\frac{1}{4}$  of Section 32, T1N, R10E, SBB&M  
 U.S.G.S. Valley Mtn. 15 min. Topographic Map

Order No. 84-96

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