

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-74

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, finds that:

1. The County of San Bernardino, Refuse Disposal Division, (hereinafter also referred to as the discharger) 825 E. Third Street, San Bernardino, CA 92415, submitted a report of waste discharge dated June 21, 1977.
2. The discharger is discharging about 27,000 tons-per-year of Group 2, Group 3 and other specific 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. Current plans are that the above disposal site will remain as a sanitary landfill operation. The site boundary contains approximately 70 acres, as shown on Attachment "A", incorporated herein and made a part of this Order.
4. The discharger proposes to discharge into earthen basins the following liquid wastes:
 - a. Septic tank pumpings - 225,000 gallons-per-year
 - b. Chemical toilet effluent - 1700 gallons-per-year
 - c. Pumpings from grease traps - 200 gallons-per-year

*Cancelled
3/13/85*

*Superseded
by 84-96
9/19/84*

5. The discharger proposes to discharge the following other liquid wastes at this solid waste disposal site:
 - a. Pumpings from garage and service station oil traps - 1000 gallons-per-year
 - b. Crankcase oil - 500 gallons-per-year
6. The discharge at this site has been subject to waste discharge requirements adopted in Board Order No. 72-40.
7. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Board on April 10, 1975. The Basin Plan contains water quality objectives for the Dale Hydrologic Unit.
8. The beneficial uses of the groundwaters of the Dale Hydrologic Unit are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
9. The depth to groundwater at the disposal site is estimated by the Department of Water Resources to be over 300 feet below the surface. The site is located on older alluvial fan deposits consisting of unconsolidated, poorly sorted sand, silt, and gravel.
10. The disposal site meets the criteria contained in California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II-2 Disposal Site suitable to receive Group 2 and Group 3 waste.
11. The total remaining capacity of the current solid waste disposal area is 384,000 cubic yards.
12. Land within 1000 feet of this site is zoned for light manufacturing. At present it consists of natural desert.
13. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
14. The Board in a public meeting heard and considered all comments pertaining to the discharge.

15. This solid waste disposal site constitutes an ongoing project in accordance with provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines 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, the discharger shall comply with the following:

A. Discharge Specifications:

1. Neither the treatment nor the discharge of wastes shall create a pollution or a nuisance as defined in the California Water Code.
2. Waste materials shall not be discharged or allowed to be windblown outside the designated disposal areas shown on Attachment "A".
3. The disposal areas 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.
4. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources shall not contact or percolate through waste other than Group 3 discharged at this site.
5. Adequate measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from contact with the discharge of liquid wastes.
6. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
7. There shall be no surface flow of liquid wastes away from the earthen basins.
8. Group 2 wastes shall not be discharged on any surface which is less than six feet above the highest anticipated groundwater level.
9. Filled disposal areas shall be graded to promote lateral runoff of precipitation and to prevent ponding.
10. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.

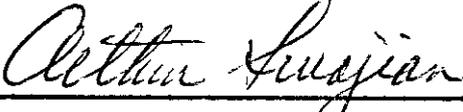
11. The discharge of those liquid wastes that are specified in Finding No. 5 (above) shall be by mixing with refuse material in the solid waste disposal areas within the site boundaries.
12. In-place refuse materials shall not contain in excess of 25 gallons of liquid wastes per cubic yard of refuse.

B. Provisions:

1. The discharger shall maintain a copy of this order at the site so as to be available at all times to site operating personnel.
2. The discharger shall comply with the "Monitoring and Reporting Program No. 77-74", and the "General Provisions for Monitoring and Reporting", and future revisions thereto as specified by the Executive Officer.
3. The discharger shall provide the Regional Board with an engineering report on flood protection (as required by Specifications A.3. and 4.) on or before January 1, 1978. This report shall contain engineering calculations and a sketch showing existing and proposed flood routing channels for flood protection of existing and proposed disposal areas, which shall be constructed by April 1, 1978.
4. The discharger shall file with this Board a report, of any material change or proposed change in the character, location or quantity of this waste discharge. This includes any proposed change in the boundaries or contours of the disposal areas.
5. The discharger shall file a written report within 90 days after the total quantity of wastes discharged at this site equals 75 percent of the reported capacity of the site. The report shall contain a schedule for studies, design, and other steps needed to provide additional capacity, or total quantity discharged shall be limited to the reported capacity.
6. The discharger shall maintain monuments identifying the limits of the disposal site and of each solid waste disposal area within the site.

7. Ninety (90) days prior to discontinuing the use of this site for waste disposal, the discharger shall submit a technical report to the Board describing the methods and controls to be used to assure protection of the quality of surface and groundwaters of the area during final operations and with any proposed subsequent use of the land. This report shall be prepared by or under the supervision of a California registered civil engineer or a certified engineering geologist. The closing of the site shall not result in a violation of the specifications and provisions of this Order.
8. 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 this waste discharge or water applied to this property during subsequent use of the land for other purposes. In the event of any change in operation, or in control of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator of the existence of this Order by letter; a copy of which shall be filed with this Board.
9. This Order supersedes Board Order No. 72-40.

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 21, 1977.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-74
FOR
COUNTY OF SAN BERNARDINO
TWENTYNINE PALMS SOLID WASTE DISPOSAL SITE
East of Twentynine Palms - San Bernardino County

Location: 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 County of San Bernardino shall report to the Regional Board concerning the following:

<u>Item</u>	<u>Units</u>	<u>Reporting Frequency</u>
Refuse Discharged at Solid Waste Disposal Site	Cu.Yd./Quarter	Quarterly
Any discharge of wastes other than those allowed in the specifications	Type, volume, & exact location	Immediately upon becoming aware that the waste has been discharged
Any significant increases of liquid & other wastes discharged over the quantities stated in Finding No. 4.	Type & Gallonage	Quarterly

REPORTING

Quarterly monitoring reports shall be submitted to the Regional Board by the 15th day of April, July, October and January of each year. Please forward monitoring reports to the following address:

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

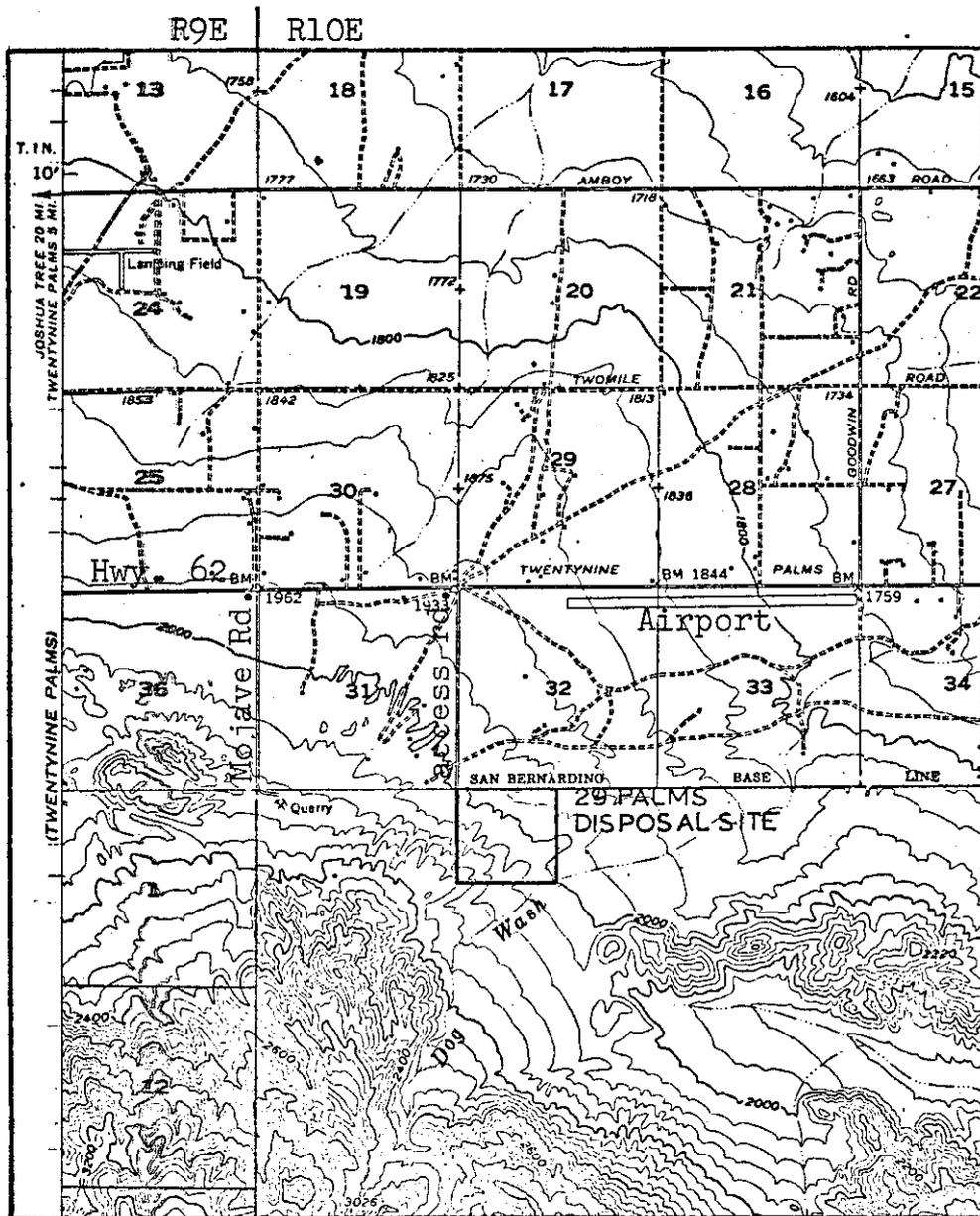
Ordered by

Arthur Swanson
Executive Officer

September 21, 1977

Date

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

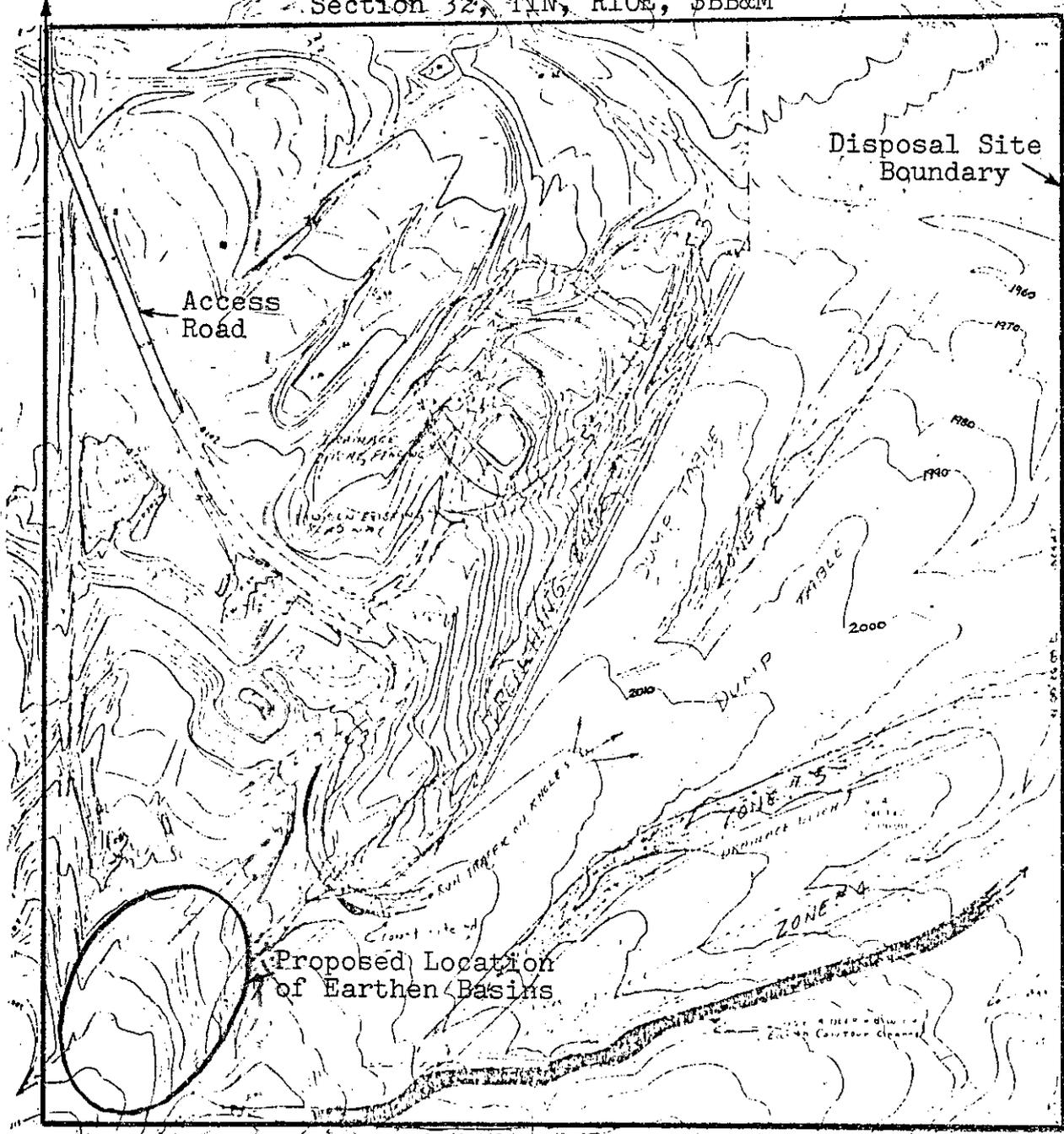
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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-7

ATTACHMENT A

Highway 62 1 mi.

Section 32, T11N, R10E, SBB&M



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