

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 83-37

WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF SAN BERNARDINO  
LANDERS SOLID WASTE DISPOSAL SITE  
Northwest of Joshua Tree - San Bernardino County

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

1. County of San Bernardino, Solid Waste Management (hereinafter also referred to as the discharger), 825 E. Third Street, San Bernardino, CA 92415, submitted current information to update requirements for the existing disposal site.
2. County of San Bernardino is currently discharging Group 2 and Group 3 wastes in the SE $\frac{1}{4}$  Section 20, SW $\frac{1}{4}$  Section 21, NW $\frac{1}{4}$  Section 28, and the NE $\frac{1}{4}$  Section 29, T2N, R6E, SBB&M as shown on Attachment "A" which is made a part of this Order. This property is owned by the United States Government with administration by the Bureau of Land Management, California Desert District, 1695 Spruce St., Riverside, CA, and is operated by San Bernardino County Solid Waste Management.
3. County of San Bernardino operates the site as a landfill.

The site receives approximately 75 cu. yd. per day of Group 2 and Group 3 wastes consisting of:

- a. residential refuse
- b. commercial refuse
- c. construction/demolition wastes
- d. tires

The site also receives about 1,000,000 gal/year of the following liquid wastes which are discharged by evaporation lagoons and also by mixing with solid refuse material:

- a. septic tank pumpings
- b. chemical toilet wastes
- c. pumpings from grease traps
- d. pumpings from garage and service station oil traps
- e. crankcase oil

4. The total capacity of the site is 550,000 cu. yds. compacted in place with 400,000 cu. yds. remaining. It has an estimated life of 17 years. Total site area is 640 acres.

*Replaced  
88-071*

5. Land within 1,000 feet of the site is zoned for 2½ acre minimum size residential single family dwellings. There are no existing dwellings within 1,000 feet of the site.
6. The Water Quality Control Plan for the West Colorado River Basin was adopted April 10, 1975. The basin plan contains water quality objectives for the Deadman Hydrologic Unit, and this Order implements those objectives.
7. The disposal site is located at the head of a minor canyon, on a branch of Surprise Spring Wash, northwest of Joshua Tree. Geophysical data indicate that the site is in shallow soil, consisting of silt, sand and gravel, overlaying sheared and folded Precambrian gneiss. There is no ground water underlying the immediate area. Nearby wells show the following salinities:
 

a. 2N/6E - 18J1	200 mg/l TDS	1.3 miles northwest of site
b. 2N/5E - 25J1	210 mg/l TDS	1.5 miles west of site
8. There are no beneficial uses being made of ground water in the vicinity of the waste discharge.
9. Drainage channels have been constructed by the discharger to divert runoff around the disposal site.
10. This disposal site meets the criteria contained in the California Administrative Code, Title 23, Subchapter 15, for classification as a Class II-2 disposal site suitable to receive Group 2 and Group 3 wastes.
11. This discharge has been subject to waste discharge requirements adopted in Board Order No. 72-34.
12. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
13. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
14. 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 Title 14, California Administrative Code, Article 6.5, Section 15070, 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, County of San Bernardino 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 areas 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 other than Group 3 discharged at this site.
4. Group 2 wastes shall not be discharged on any surface which is less than six feet above the highest anticipated ground water level.
5. No Group 2 wastes shall be placed in ponded water from any source whatsoever.
6. In place refuse material shall not contain in excess of 25 gallons of liquid wastes per cubic yard of refuse.
7. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
8. Chemical toilet wastes discharged at this site shall not contain additives prohibited by the California Administrative Code, Title 22, Chapter 30, Section 66883.
9. There shall be no discharge of liquids other than those specified in Finding No. 3 (above) unless approved by the Executive Officer.
10. The disposal area 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.
11. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
12. 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 any waste to surface drainage courses is prohibited.
2. Group 1 wastes shall not be discharged at this site.

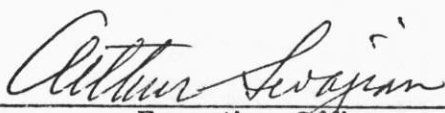
**C. Provisions**

1. The discharger shall file an updated operation plan with this Board when material changes in operations have been made. For the purpose of these requirements, this includes any proposed change in the boundaries or contours of the disposal 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, Section 2552.

2. 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.
3. Prior to three years from closure of total site, the discharger shall file a Site Closure and Maintenance Report with this Board pursuant to the California Administrative Code, Title 23, Subchapter 15, Section 2553.
4. Site Closure and Maintenance Reports shall conform to minimum closure requirements set forth in the California Administrative Code, Title 23, Subchapter 15, Section 2553.2.
5. The discharger shall comply with "Monitoring and Reporting Program No. 83-37" and future revisions thereto, as specified by the Executive Officer.
6. The discharger shall maintain monuments identifying the limits of the disposal site and of each solid waste disposal area within the site.
7. The discharger shall maintain a copy of this Order available at all times to operating personnel.
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 ownership of the disposal site, or change of operator, the County of San Bernardino 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 the Board.
9. This Order supersedes this Board's Order No. 72-34.

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 May 18, 1983.

  
\_\_\_\_\_  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 83-37  
FOR  
COUNTY OF SAN BERNARDINO  
LANDERS SOLID WASTE DISPOSAL SITE  
Northwest of Joshua Tree - San Bernardino County

Location of Discharge: SE $\frac{1}{4}$  Section 20, SW $\frac{1}{4}$  Section 21, NW $\frac{1}{4}$  Section 28 and , NE $\frac{1}{4}$ ,  
Section 29, T2N, R6E, SBB&M

MONITORING

The County of San Bernardino 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, chemical toilet wastes; garage, service station and grease trap pumpings, crankcase oil	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.

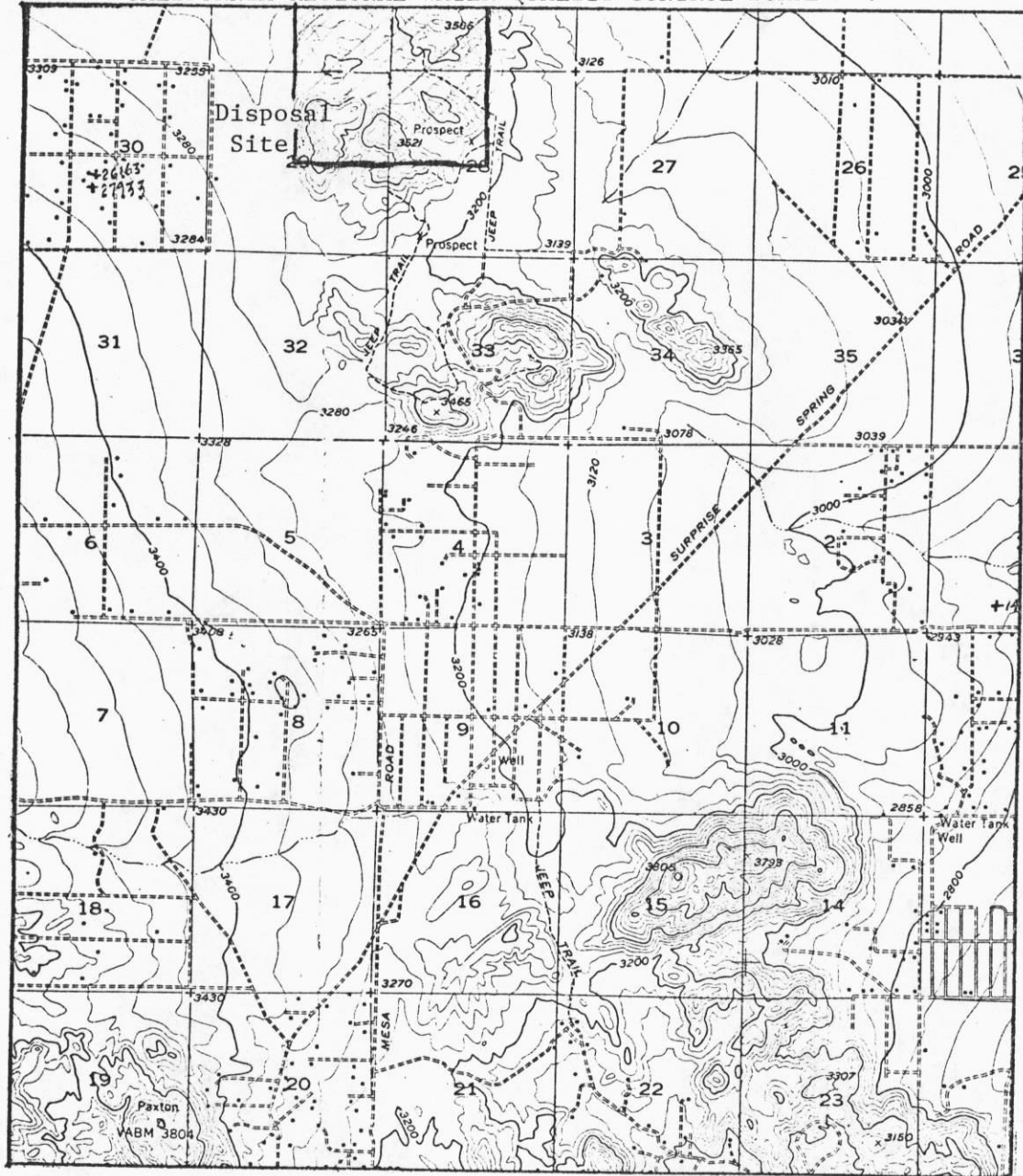
Submit monitoring reports to:

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

ORDERED BY:

Arthur Swajian  
Executive Officer

5/25/83  
Date



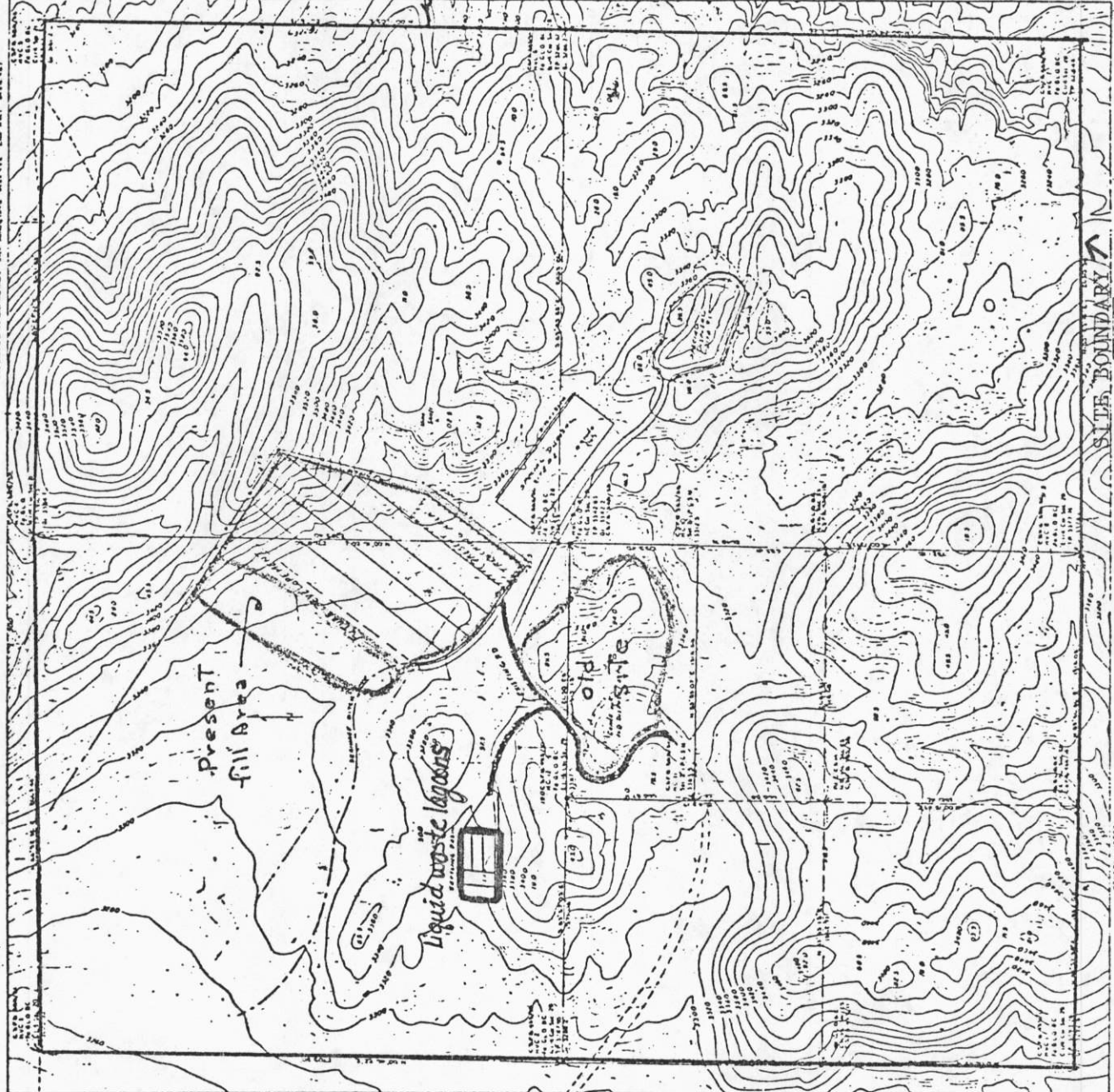
Scale:  
1 in. = 1 mile

SITE MAP

COUNTY OF SAN BERNARDINO  
LANDERS SOLID WASTE DISPOSAL SITE  
Northwest of Joshua Tree - San Bernardino County  
SE 1/4 Section 20, SW 1/4 Section 21, NW 1/4 Section 28  
and NW 1/4, Section 29, T2N, R6E, SBB&M  
USGS 15 min. Topographic Map - Joshua Tree Quadrangle

ORDER NO. 83-37

SAN BERNARDINO COUNTY REFUSE DISPOSAL



Site Boundary

ATTACHMENT A  
ORDER NO. 83-37

LANDERS DISPOSAL SITE

JOB NO. 2702

VICINITY MAP

ATTACHMENT "A"

LANDERS SOLID WASTE DISPOSAL SITE

ORDER NO. 83-37