

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 84-67

WASTE DISCHARGE REQUIREMENTS  
FOR  
UNITED STATES MARINE CORPS BASE  
SOLID WASTE DISPOSAL SITE  
Twentynine Palms - San Bernardino County

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

1. The United States Marine Corps Base (hereinafter also referred to as the discharger), Twentynine Palms, California 92278, submitted current information dated January 25, 1984 to update waste discharge requirements for the existing site.
2. The discharger is discharging Group 2 and Group 3 wastes in disposal areas located in the S $\frac{1}{2}$ , Section 8 and the NE  $\frac{1}{4}$ , Section 17, T2N, R9E, SBB&M.
3. The discharger operates the site as a landfill. The site receives approximately 6,000 cubic yards per month of Group 2 and Group 3 wastes.
4. The remaining capacity of the site is 980,000 cubic yards . It has an estimated remaining life of 13 years. Total site area is 415 acres.
5. The disposal site is between the Bullion Mountains and Mesquite Valley. Granitic rocks outcrop through much of the north and south portions of the disposal site. Spread over some of the lower slopes is semiconsolidated older alluvium. A broad valley filled with unconsolidated younger alluvium crosses the disposal site from east to west. The Valley contains several usually dry stream channels. The disposal area currently being used is underlain by granite and older alluvium. No significant quantities of ground water are present.
6. Future discharges will be made to a disposal area overlying older alluvium, granite, and younger alluvium. There may be perched ground water within 20 feet of the surface at the southeast corner of this area, but no significant quantities of groundwater are present elsewhere.
7. The beneficial uses of ground waters in the Dale Hydrologic Unit are:
  - a. Municipal supply
  - b. Agricultural supply
  - c. Industrial supply

*replaced  
by 88-139*

8. Land within 1,000 feet of this site is natural desert.
9. The discharger reports the current disposal area is protected against inundation from a 100 year storm. Surface waters are diverted by several drainage channels, as well as by drainage systems for adjacent roads. A diversion channel will be constructed to protect the future disposal area prior to commencement of operations in that area.
10. 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 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 Class II-2 disposal site suitable to receive Group 2 and Group 3 wastes.
12. This discharge has been subject to waste discharge requirements adopted in Board Order No. 76-59.
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 Title 14, California Administrative Code, Article 6.5, Section 15070, 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 Group 2 wastes 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. There shall be no discharge of liquids unless approved by the Executive Officer.
7. 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.
8. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
9. 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.
2. Group 1 wastes shall not be discharged at this site.

C. Provisions

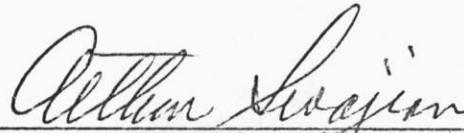
1. The discharger shall file an updated operation plan with this Board when substantial changes in operations have been made. For the purpose of these requirements, this includes any proposed change in the boundaries or contours of the site. A letter indicating conformance with existing plans and requirements shall be submitted annually. Said plan and letter shall be pursuant to the California Administrative Code, Title 23, Subchapter 15, Section 2552.
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 5, Section 2553.
3. 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.
4. The discharger shall comply with "Monitoring and Reporting Program No. 84-67", 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. Notify the succeeding owner or operator of the existence of this Order by letter; a copy of which shall be filed with this Board.

8. This Order supersedes this Board Order No. 76-59.

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 16, 1984.

  
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Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 84-67**

**FOR**

**UNITED STATES MARINE CORPS BASE  
SOLID WASTE DISPOSAL SITE  
Twentynine Palms - San Bernardino County**

Location of Discharge: S $\frac{1}{2}$ , Section 8 and NE $\frac{1}{4}$ , Section 17, T2N, R9E, 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. Any discharge of wastes other than those allowed in the specifications	Types, volume and exact location	Immediately upon becoming aware that the waste has been discharged

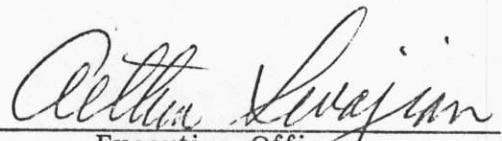
REPORTING

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

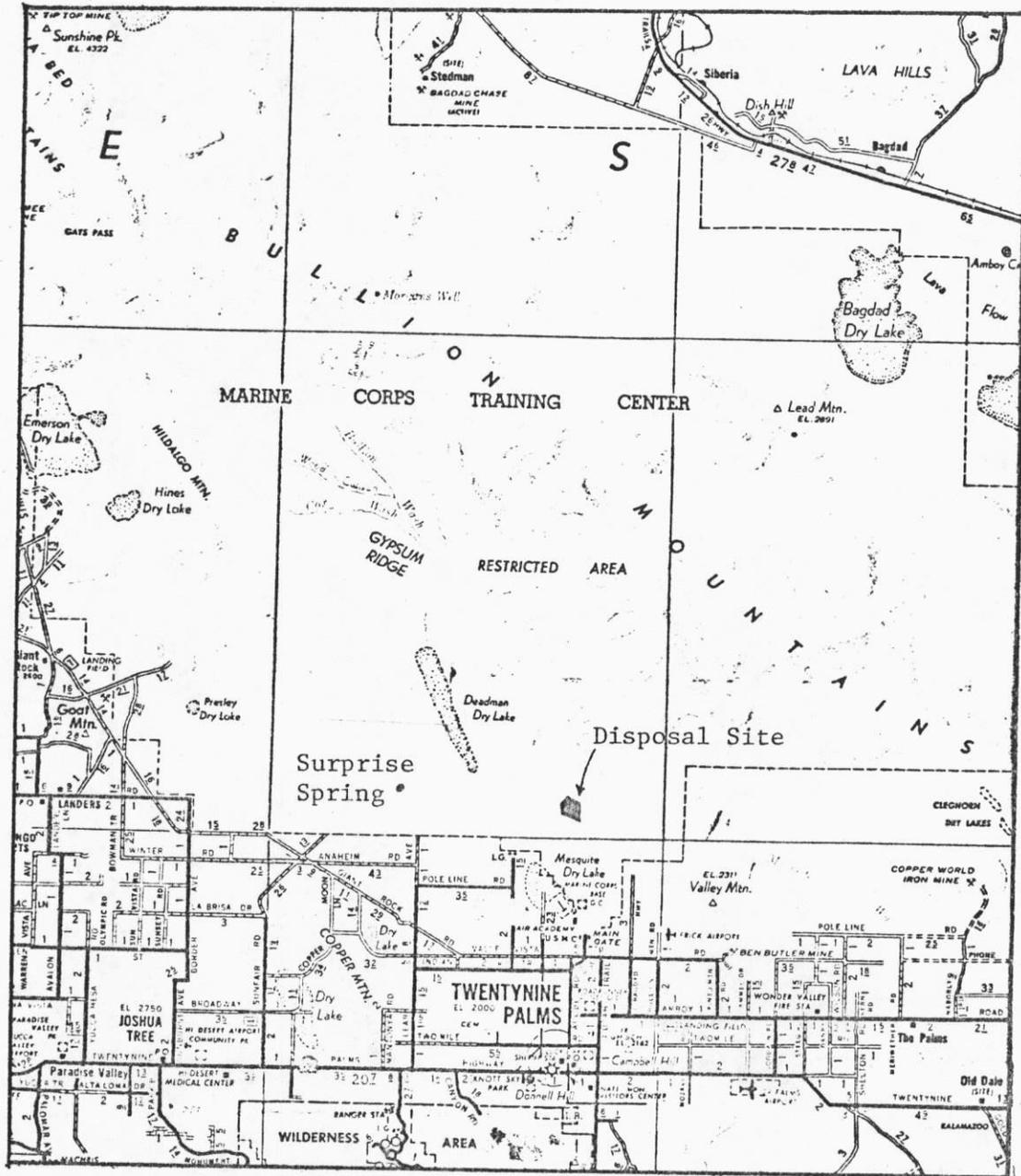
ORDERED BY:

  
Executive Officer

May 16, 1984

Date

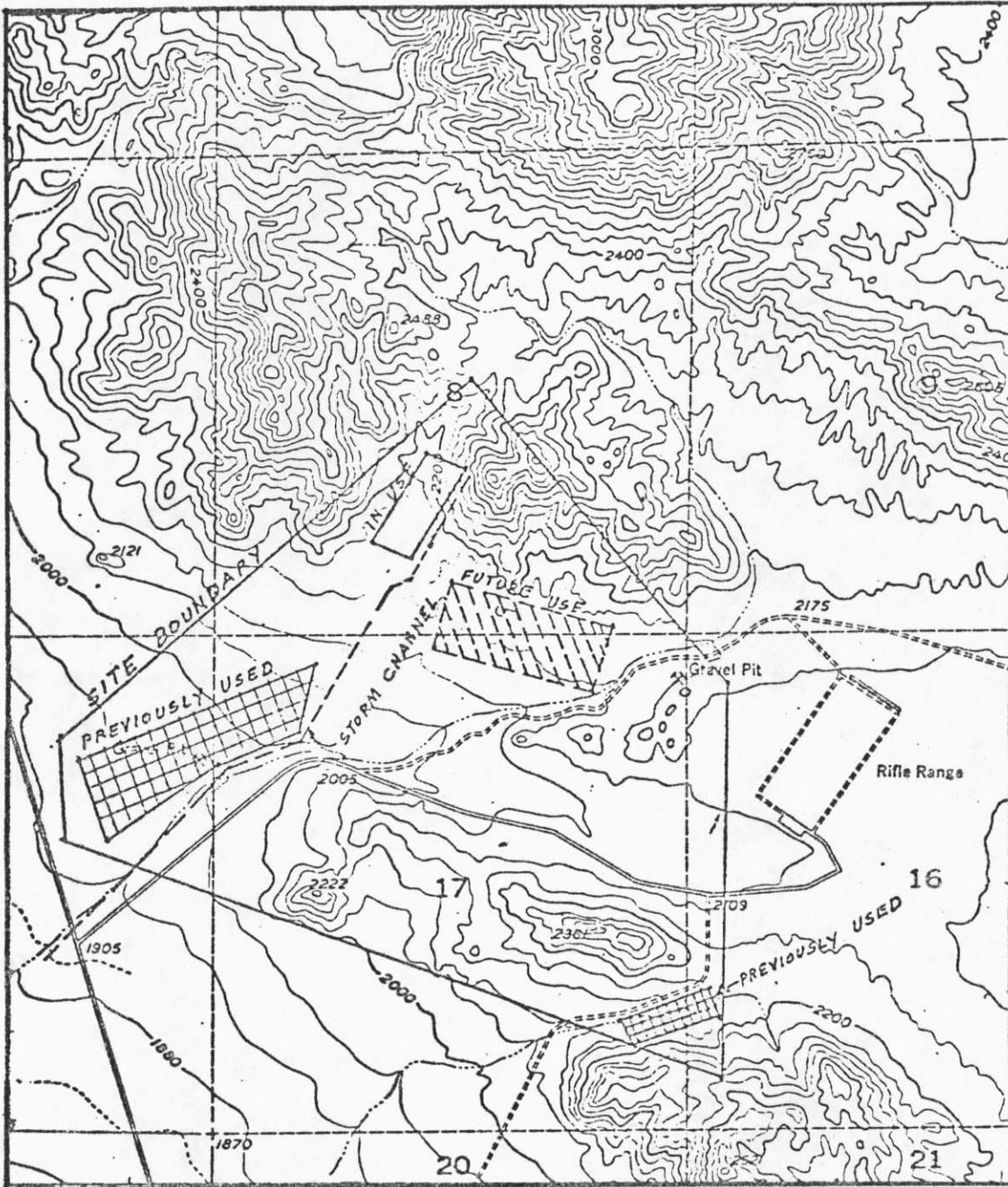
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale  
1"=6 miles

SITE MAP  
UNITED STATES MARINE CORPS BASE  
Twentynine Palms - San Bernardino County

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



ATTACHMENT "A"  
UNITED STATES MARINE CORPS BASE  
Twentynine Palms - San Bernardino County  
USGS 7½ min topographic map - Deadman Springs, SE. Quadrangle  
S½, Section NE¼, Section 17, T2N, R9E, SBB&M

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