

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 83-63

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF SAN BERNARDINO
NEEDLES SOLID WASTE DISPOSAL SITE
South of Needles - 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 East Third Street, San Bernardino, CA 92415, submitted current information dated March 14, 1983, to update requirements for the existing disposal site.
2. The discharger is currently discharging Group 2 and Group 3 wastes in the SE $\frac{1}{4}$, SW $\frac{1}{4}$ and S $\frac{1}{2}$, SE $\frac{1}{4}$ Section 7, and the N $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$ and N $\frac{1}{2}$, NE $\frac{1}{4}$ Section 18, T8N, R23E, SBB&M as shown on Attachment "A" incorporated herein and 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, 1965 Spruce Street, Riverside, California, and is operated by the City of Needles.
3. The site is operated as a landfill. It receives 2,500 tons annually of Group 2 and Group 3 solid waste including:
 - a. construction and demolition wastes
 - b. residential and commercial refuse
 - c. tires
 - d. dead animals (animal pets)

In addition, the site receives approximately 2,000 gallons-per-year of the following liquid wastes which are discharged by mixing with the refuse and also by evaporation lagoons:

- e. septic tank pumpings
 - f. chemical toilet wastes
 - g. grease and oil trap pumpings
 - h. crankcase oil
4. The site receives approximately 0.16 MG of Chromic Hydroxide sludge containing 60 tons of dry solids each year. The sludge is discharged under Board Resolution No. 70-73 in those portions of Section 7 and 18, T8N, R23E, SBB&M described as follows:

Beginning at a point on the West line of said Section 7 distant North 1° 00'00" West 2,662.90 feet from the Southwest corner

*replaced
by 88-118*

of said Section 7; thence South 1° 00'00" East 2,662.90 feet to said Southwest corner; thence South 87° 08' 35" East 2,617.05 feet to a 2" iron pipe and the true point of beginning; thence North 4° 27' 15" East 50 feet to a 2" iron pipe; thence South 85° 32' 45" East 200 feet to a 2" iron pipe; thence South 4° 27' 15" West 50 feet to a 2" iron pipe; thence North 85° 32' 45" West 200 feet to the true point of beginning.

5. The site is located on high ground near an unnamed dry wash that drains an area of 25 square miles and flows into the Colorado River. The site is underlain by alluvial fans consisting of sand and gravel. The County has constructed a berm to intercept the dry wash at the upper end of the site and divert surface runoff around the site.
6. The depth to ground water at the disposal site is believed to be at least 300 feet. Nearby wells report the following salinities:

Well No.	Date Sampled	TDS (mg/l)	Distance from Site
8N/23E-27P1	7/02/65	964	3 1/2 mi. SE of site
8N/23E-20H1	5/04/72	451	1 1/4 mi. SE of site
9N/23E-32K1	6/20/63	1189	3 1/2 mi. NE of site

7. The total capacity of this site is 5.3 million cubic yards with 3.67 million cubic yards remaining. The remaining life of the site is estimated at 17 years. Total site area is 160 acres.
8. Land within 1,000 feet of the site is zoned for light manufacturing, but is presently undeveloped desert.
9. The Water Quality Control Plan for the East Colorado River Basin was adopted April 10, 1975. The basin plan contains water quality objectives for the Piute Hydrologic Unit, and this Order implements those objectives.
10. There are no beneficial uses being made of ground water in the vicinity of the waste discharge. The beneficial uses of the ground waters in the Needles subunit are:
 - a. Municipal supply
 - b. Agricultural supply
 - c. Domestic supply
 - d. Industrial supply
11. The County has constructed, apart from the solid waste disposal area, separate disposal cells to accept the following:
 - a. dead animals
 - b. chromic hydroxide sludge
 - c. septic tank and grease trap pumpings, chemical toilet wastes

The cells described in Findings No. 11.b. and 11.c. (above) are each enclosed by a fence.

12. 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 and also chromic hydroxide sludge under Board Resolution No. 70-73.
13. This discharge has been subject to waste discharge requirements adopted in Board Order No. 72-39.
14. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the existing discharge.
15. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
16. 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, 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 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. No Group 2 wastes shall be placed in ponded water from any source whatsoever.
5. Only Group 2 and Group 3 wastes and those wastes set forth in Findings No. 3 and No. 4 (above) shall be discharged at this site.
6. Wastes shall not be discharged on any surface which is less than 720 feet above mean sea level USGS datum.
7. In place refuse material shall not contain in excess of 25 gallons of liquid wastes per cubic yard of refuse.

8. A minimum depth of freeboard of at least two feet shall be maintained in basins containing liquid wastes.
9. Chemical toilet wastes discharged at this site shall not contain additives in concentrations prohibited by the California Administrative Code, Title 22, Chapter 30, Section 66883:
10. There shall be no discharge of liquids other than those specified in Findings Nos. 3 and 4 (above) unless approved by the Executive Officer.
11. 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.
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 any waste to surface drainage courses is prohibited.
2. Group 1 wastes, other than chromic hydroxide sludge, 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. 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.
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. 83-63", 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 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 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 the Board.
8. This Order supersedes this Board's Order No. 72-39.

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 July 13, 1983.


Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 83-63
FOR
COUNTY OF SAN BERNARDINO
NEEDLES SOLID WASTE DISPOSAL SITE
South of Needles - San Bernardino County**

Location of Discharge: SE $\frac{1}{4}$, SW $\frac{1}{4}$ & S $\frac{1}{2}$, SE $\frac{1}{4}$, Section 7, and N $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$, & N $\frac{1}{2}$,
N $\frac{1}{2}$, NE $\frac{1}{4}$, Section 18, T8N, R23E, SBB&M

MONITORING

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

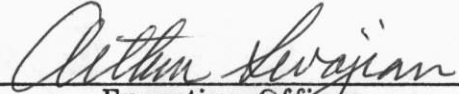
<u>Item</u>	<u>Unit</u>	<u>Reporting Frequency</u>
1. Refuse Discharged at Solid Waste Disposal Site	Cu. Yd./Quarter	Quarterly
2. Septic tank pumpings; chemical toilet wastes; garage, service station and grease trap pumpings, crankcase oil	Gallons/Quarter	Quarterly
3. Any discharge of wastes other than 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 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

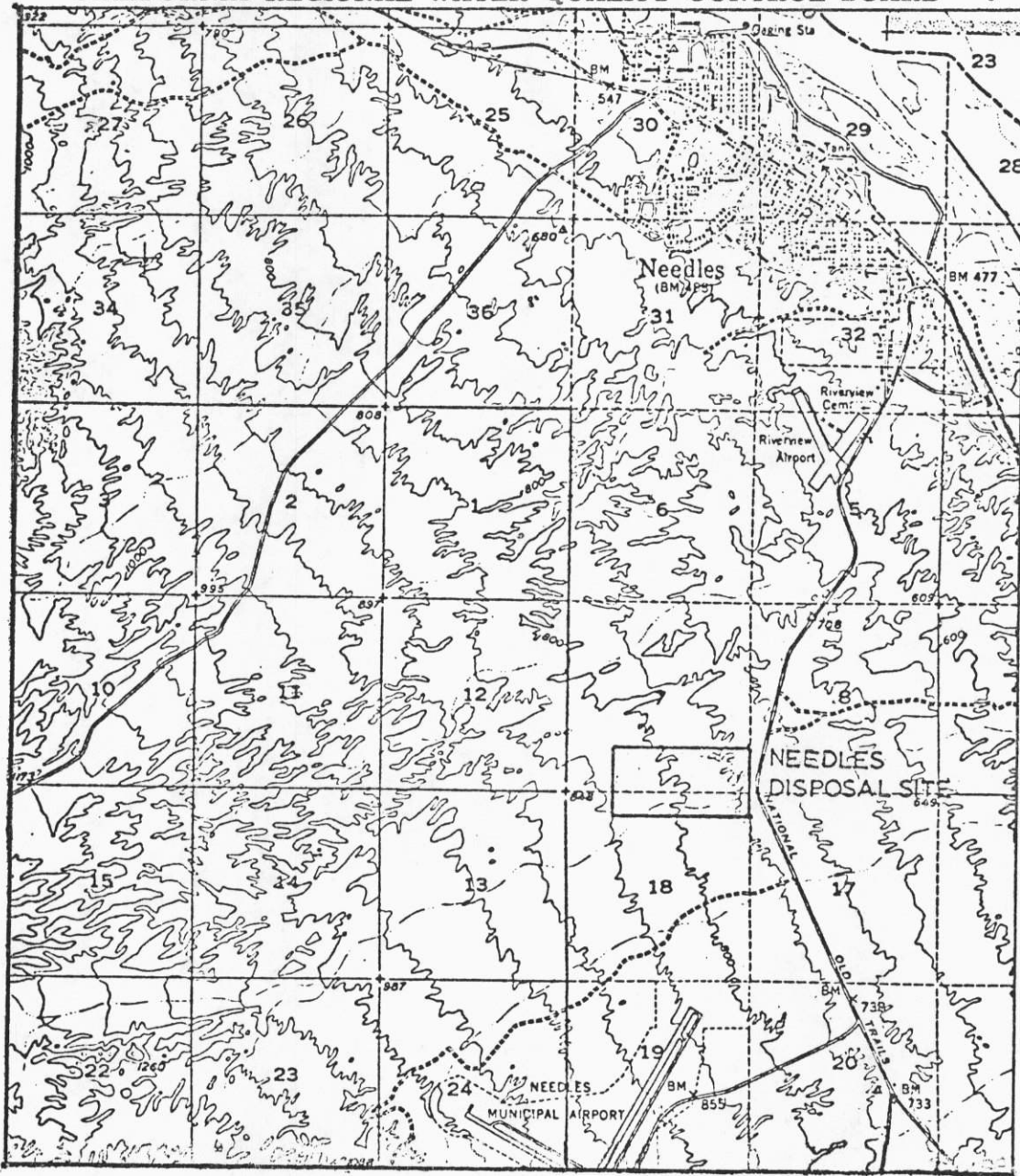
ORDERED BY:


Executive Officer

7/22/83

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 1 mi.

SITE MAP

COUNTY OF SAN BERNARDINO
NEEDLES SOLID WASTE DISPOSAL SITE
South of Needles - San Bernardino County
SE $\frac{1}{4}$, SW $\frac{1}{4}$ & S $\frac{1}{2}$, SE $\frac{1}{4}$, Section 7, and N $\frac{1}{2}$, NE $\frac{1}{4}$,
NW $\frac{1}{4}$, & N $\frac{1}{2}$, N $\frac{1}{2}$, NE $\frac{1}{4}$, Section 8 T8N, R23E, SBB&M
USGS 15' Topographic Map - Needles Quadrangle

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