

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 83-36

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF SAN BERNARDINO
BIG BEAR SOLID WASTE DISPOSAL SITE
North of Baldwin Lake - 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 SW $\frac{1}{4}$ of Section 30, and the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$, Section 31, T3N, R2E, SBB&M, as shown on Attachment "A" which is made a part of this Order. This property is owned by the United States Department of Agriculture with administration by the United States Forest Service, 144 N. Mountain View Ave., San Bernardino, California, and is operated by the County of San Bernardino.
3. County of San Bernardino operates the site as a landfill.

The site presently receives:

- a. tree trimmings
 - b. tires
 - c. construction/demolition wastes
 - d. residential refuse
 - e. commercial refuse
4. This site receives approximately 50 cu. yd/day in winter and 100 cu. yd/day during the summer months. The total capacity of the site is 1,800,000 cu. yd. compacted in place with 225,000 cu. yd. remaining. It has an estimated life of eight (8) years. Total site area is 60 acres. Twenty-eight and one-half acres of the site will eventually be used for the disposal of wastes.
 5. Land within 1,000 feet of this site is controlled by the U.S. Forest Service. It is zoned for limited agricultural and limited manufacturing. At present, however, it is undeveloped.
 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 Johnson Hydrologic Unit, and this Order implements those objectives.

*replaced
88-068*

7. The disposal site is located in a ravine near the ridge-line of the San Bernardino Mountains, north of Baldwin Lake, between elevations 6850 and 6270. Geophysical data and available areal geologic map coverage indicate that this site is underlain primarily by deeply weathered Saragossa Quartzite of Paleozoic Age. This quartzite is faulted beneath the disposal site. Most of the area adjacent to the disposal site does not have good topsoil but does support vegetation. The average annual precipitation in this area is 9 to 11 inches. A small spring is located approximately 700 feet northeast of the site and is fed from water brought to the surface by the Helendale fault which crosses below the base of the lower disposal area.
8. The beneficial uses of the ground waters of the Johnson Hydrologic Unit are:
 - a. Agricultural supply
 - b. Domestic supply
9. Drainage channels have been constructed by the discharger so as to divert runoff around the disposal areas.
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. 73-32.
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. Discharges 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. There shall be no discharge of liquid wastes 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 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 areas 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 any wastes 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 operations 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. 83-36", 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. 73-32.

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. 83-36

FOR

COUNTY OF SAN BERNARDINO
BIG BEAR SOLID WASTE DISPOSAL SITE
North of Baldwin Lake - San Bernardino County

Location of Discharge: SW $\frac{1}{4}$, Section 30 and NW $\frac{1}{4}$, NW $\frac{1}{4}$, Section 31, T3N, R2E, 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. 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
3. Analyze surface flow samples taken at base of disposal site for the following constituents:		
pH	pH units	When surface runoff occurs
Ec 10 ⁶ @ 25° C	Ec units	
Chemical Oxygen Demand	mg/l	
Chlorides (Cl)	mg/l	
Phosphorus (PO ₄)	mg/l	
Total Nitrogen (N)	mg/l	
Total Filterable Residue	mg/l	

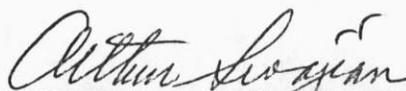
REPORTING

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 92261

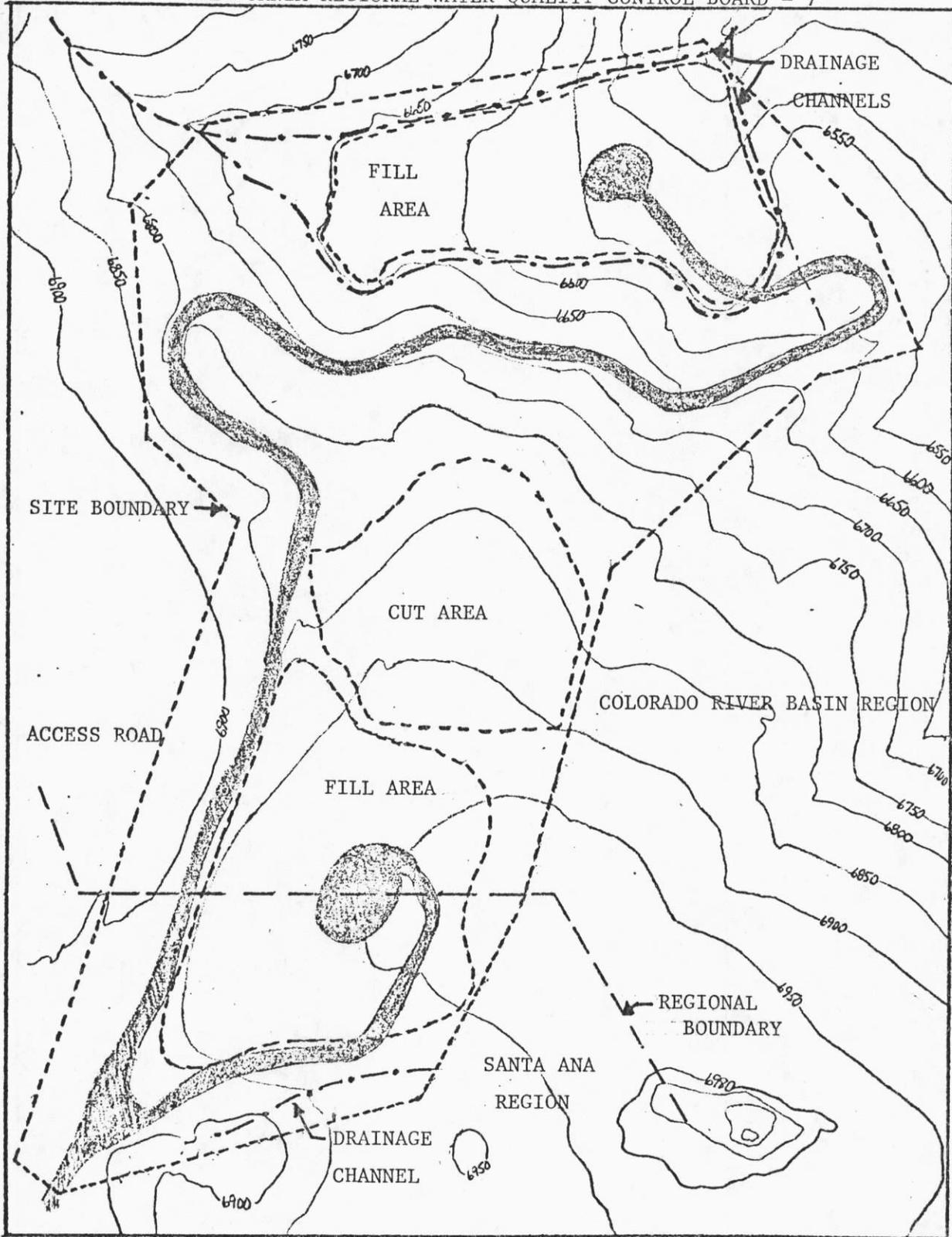
ORDERED BY:


Executive Officer
5/25/83
Date



SITE MAP

COUNTY OF SAN BERNARDINO
 BIG BEAR SOLID WASTE DISPOSAL SITE
 North of Baldwin Lake - San Bernardino County
 Near NW 1/4, Section 31, T3N, R2E, SBB&M
 Lucerne Valley 15 min. USGS Topographic Map



Scale: 1"=600'
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ATTACHMENT "A"
BIG BEAR SOLID WASTE DISPOSAL SITE