

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

**ORDER NO. 86-5**

**WASTE DISCHARGE REQUIREMENTS  
FOR  
PFIZER, INC. MINING WASTE  
MANAGEMENT UNIT  
Lucerne Valley - San Bernardino County**

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

1. Pfizer, Inc., Minerals, Pigments and Metals Division (hereinafter also referred to as the discharger), P.O. Box 558, Lucerne Valley, California, 92356, submitted an updated Report of Waste Discharge dated August 28, 1985, for the proposed expansion of their existing mining waste management unit.
2. The mining waste management unit is located in the NW $\frac{1}{4}$ , NE $\frac{1}{4}$  of Section 7, T3N, R1E, SBB&M. The unit is a fill and compact operation. Wastes are discharged, sprayed with water, and compacted to a density of approximately 80 lbs per cubic foot.
3. The mining waste management unit receives Group C mining waste as classified in accordance with criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, and other nonhazardous solid wastes as follows:
  - a. limestone dust - approximately 28,000 tons/yr.
  - b. paper, cardboard, and scrap lumber - approximately 40 tons/yr.
4. The discharger proposes to expand the present unit from 11.7 acres with a capacity of 634,000 cubic yards to 17 acres with a capacity of 949,500 cubic yards.
5. The discharger reports that the nearest well to the unit is about 2,500 feet away. Data from this well indicates that the water table is in excess of 100 feet below the ground surface and that salinity is negligible.
6. Available geologic map coverage indicates that the unit is underlain primarily by recent and upper Pleistocene sediments of moderate to high permeability. Dikes have been built and a channel dug to divert storm waters around the site. The discharger reports these structures are sufficient to provide protection from a 100 year flood.
7. The beneficial uses of ground waters in the Lucerne Hydrologic Unit are:
  - a. Municipal supply
  - b. Agricultural supply
  - c. Industrial supply

SUPERSEDED By  
90-075  
11/28/90

8. Land within 1,000 feet of this unit is zoned for general manufacturing. It is presently being used only by the discharger.
9. In addition to nonhazardous solid waste, the discharger disposes sewage from 125 employees by means of septic tanks and leach lines located in the SE $\frac{1}{4}$ , Section 6, T3N, R1E, SBB&M. The sewage discharge is regulated by waste discharge requirements prescribed in Board Order No. 84-90.
10. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan contains water quality objectives for the Lucerne Hydrologic Unit, and this Order implements those objectives.
11. This discharge has been subject to waste discharge requirements adopted in Board Order No. 84-89.
12. The Board has notified the discharger and interested persons and agencies of its intent to update waste discharge requirements for this unit.
13. The Board in a public meeting heard and considered all comments pertaining to the discharge.
14. These waste discharge requirements govern an existing facility, which the discharger is currently operating, and therefore is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301 of Title 14, Chapter 3 of the California Administrative Code.

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 mining waste management unit.
3. Surface drainage from tributary areas and internal site drainage from surface or subsurface sources shall not contact or percolate through wastes discharged at this unit.
4. Waste shall not be discharged on any surface which is less than six feet above the highest anticipated ground water level.
5. Wastes shall not be placed in ponded water from any source whatsoever.
6. There shall no be discharge of waste other than those listed in Finding No. 3.

7. The disposal unit 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 unit 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 unit in violation of these requirements.

B. Prohibition

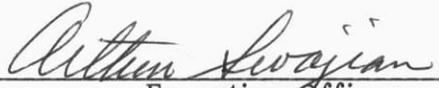
1. The discharge of wastes to any surface drainage course is prohibited.

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 unit. A letter indicating conformance with existing plans and requirements shall be submitted annually.
2. Prior to three years from closure of the total site, the discharger shall file a Unit Closure and Maintenance Report with this Board pursuant to California Administrative Code, Title 23, Subchapter 15, Section 2574.
3. The discharger shall comply with "Monitoring and Reporting Program No. 86-5", and future revisions thereto, as specified by the Executive Officer.
4. The discharger shall maintain monuments identifying the limits of the mining waste management unit and of each disposal area within the site.
5. The discharger shall maintain a copy of this Order available at all times to site operating personnel.
6. 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 mining waste management unit, or change of operations, the discharger shall:
  - a. Notify this Board of such change; and
  - b. Transmit a copy of this Order to the succeeding owner or operator, and file a copy of the transmittal letter with this Board.

7. This Order supersedes Board Order No. 84-89.

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 21, 1986.

  
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Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 86-5  
FOR  
PFIZER, INC.  
MINING WASTE MANAGEMENT UNIT  
Lucerne Valley - San Bernardino County

Location of Discharge: NW $\frac{1}{4}$ , NE $\frac{1}{4}$  of Section 7, T3N, R1E, 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 waste management unit	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

REPORTING

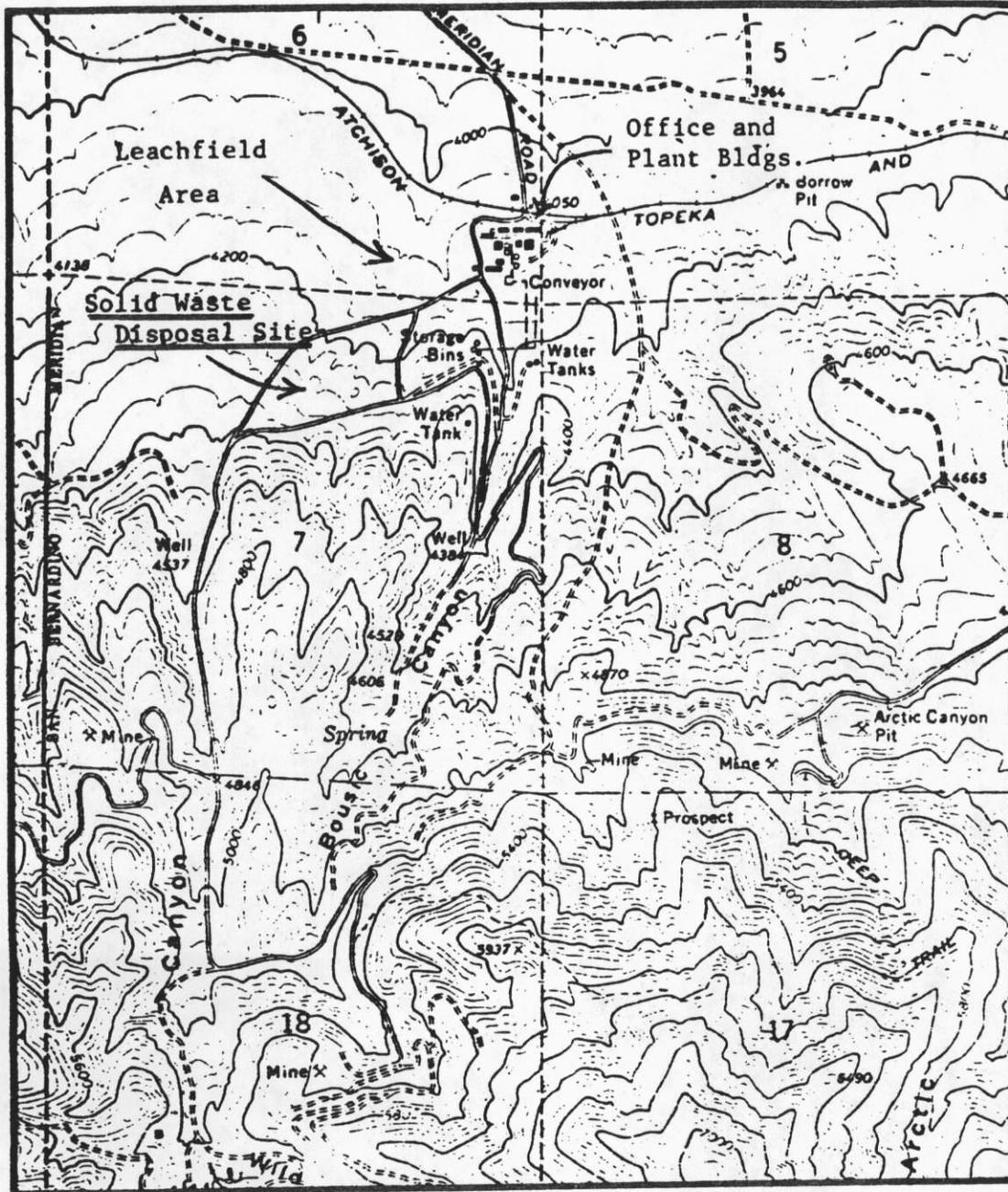
Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.

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 Swajan  
Executive Officer  
May 21, 1986  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-7



**SITE MAP  
PFIZER INC.  
SOLID WASTE DISPOSAL SITE  
Lucerne Valley - San Bernardino County  
NW¼, NE¼ of Section 7, T3N, R1E, SBB&M  
USGS 7½ min. Topographic Map - Fawnskin Quadrangle**

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