

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 88-31

*Superseded*

*by: Board Ord. #97-044  
5/28/97*

WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF IMPERIAL  
OCOTILLO WASTE MANAGEMENT FACILITY  
North of Ocotillo - Imperial County

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

1. County of Imperial (hereinafter also referred to as the discharger), Courthouse, El Centro, CA 92243, submitted a Report of Waste Discharge, dated November 12, 1987, containing current information to update requirements for this existing disposal site.
2. This disposal facility has been subject to Board Order No. 83-16 containing waste discharge requirements which are being updated to comply with current regulations in Section 13263 of the California Water Code and Subchapter 15, Chapter 3, Title 23, California Administrative Code (revised November 26, 1984).
3. The County of Imperial is currently discharging nonhazardous solid wastes in the SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of Section 13, T16S, R9E, SBB&M. This 40-acre site is owned by the United States Government, with administration by the Bureau of Land Management, 333 S. Waterman Ave., El Centro, California, and is operated by the County of Imperial. Life expectancy of the entire site exceeds 70 years.
4. The discharger operates the site as a landfill. The site presently receives approximately 3,000 cubic yards per year of the following:
  - a. Residential refuse
  - b. Commercial refuse
  - c. Construction/demolition wastes.
5. The discharger proposes to discharge a maximum of 10,000 gallons-per-month of septic tank pumpings and chemical toilet wastes into earthen basins which are kept separate from other wastes. Disposal would be by evaporation and infiltration.
6. The total remaining capacity of the disposal site is approximately 495,000 cubic yards. A cut and cover operation is utilized at the site. Cells are excavated to a depth of approximately 10 feet below the natural surface with the excavated material used in the cover sequence. Waste is unloaded into a cell approximately 30 feet by 200 feet minimum, then pushed up in 2-foot average lifts onto a working face at an angle permitting the dozers to achieve maximum compaction. Every other week a 6-inch minimum dirt cover is placed over the compacted material and again compacted.

*9-15-93  
adopted  
amended  
order  
#93-011*

7. Land within 1,000 feet of this site is zoned for open space. At present, it is natural desert. Site elevation is approximately 400 feet (USGS Datum).
8. The Water Quality Control Plan for the Colorado River Basin Region was adopted by the Regional Board on November 14, 1984.
9. Ground waters at the site are not presently beneficially used. Nearby wells in the area indicate that depth to groundwater exceeds 50 feet. The Elsinore Fault transects the Ocotillo-Coyote Wells basin in a southeasterly direction along the south edge of the Coyote Mountains separating the fresh ground water in the quaternary alluvium in the western part of the basin from brackish and saline ground waters east of the fault. The site lies east of the fault line. Nearby wells show the following salinities:
 

a. East Side 16 S/9E - 24B1	1,200 mg/l TDS at 100 feet
b. West Side 16 S/9E - 24R1	477 mg/l TDS at 60 feet
c. West Side 16 S/9E - 25K2	307 mg/l TDS at 90 feet
d. East Side 16 S/10E - 18P1	15,700 mg/l TDS at 135 feet
10. The site is located on alluvial deposits consisting of gravelly sand with some clay outcropping.
11. The site is not within a 100 year floodplain. A berm has been constructed along the north and east sides to divert surface runoff from a wash around the site.
12. Annual averages for evaporation and precipitation in the area are 72 inches and 2.92 inches, respectively.
13. The 100-year, 24-hour precipitation event for the site is about 3.0 inches.
14. The Board has notified the discharger and interested agencies and persons of its intent to update the waste discharge requirements for this facility.
15. The Board in a public meeting heard and considered all comments pertaining to this facility.
16. 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, Chapter 3 of Title 14 of the California Administrative Code.

IT IS HEREBY ORDERED, in order to meet the provisions of Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Discharge Specifications:

1. The treatment or disposal of waste shall not cause pollution or a nuisance as defined in Section 13050 of the California Water Code.

2. Waste material shall be confined to the waste management facility as shown on the attached site maps.
3. The discharge shall not cause degradation of any water supply.
4. The landfill units shall be designed, constructed, operated and maintained to prevent inundation or washout due to floods with a 100-year return frequency.
5. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources, shall not contact or percolate through the wastes discharged at this site.
6. The exterior surfaces of the disposal area including the intermediate and final landfill covers shall be graded and maintained to promote lateral runoff of precipitation and to prevent ponding.
7. The discharger shall provide a final cover for closure of the landfill units in conformance with the requirements of Subchapter 15.
8. Septic tank pumpings and chemical toilet wastes shall be discharged in separate disposal cells constructed apart from Class III wastes unless otherwise approved by the Regional Board's Executive Officer.
9. A minimum freeboard of two feet shall be maintained in cells containing liquid wastes.
10. Chemical toilet wastes discharged at this site shall not contain additives prohibited by the California Administrative Code, Title 22, Chapter 30, Section 66883.
11. There shall be no discharge of liquid wastes other than chemical toilet wastes and septic tank pumpings at this site unless approved by the Regional Board's Executive Officer.
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 or deposit of hazardous waste (as defined in Subchapter 15) at this site is prohibited.
2. The discharge or deposit of designated waste (as defined in Subchapter 15) at this site is prohibited, unless otherwise approved by the Executive Officer.
3. The discharge of liquid or semi-solid waste (i.e., waste containing less than 50 percent solids) to the landfill units is prohibited.
4. The discharge of solid or liquid waste or leachate to surface waters, surface water drainage courses or to ground water is prohibited.

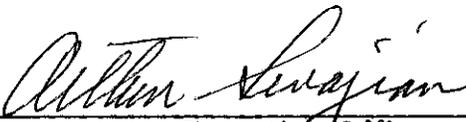
5. The discharge or deposit of waste to land not owned or controlled by the discharger is prohibited.
6. The codisposal of incompatible wastes is prohibited.

C. Provisions:

1. The discharger shall maintain a copy of this Order at the site and make it available at all times to site operating personnel.
2. The discharger shall notify the Regional Board, in writing, of any proposed change in ownership or responsibility for construction or operation of the waste management facility. The discharger shall also notify the Regional Board of a material change in the character, location, or volume of the wastes discharged and of any proposed expansion or closure plans. This notification shall be given six (6) months prior to the effective date of the change, and shall be accompanied by the amended Report of Waste Discharge and any information that will demonstrate continued compliance with these requirements.
3. The discharger shall comply with "Monitoring and Reporting Program No. 88-31" and future revisions thereto, as specified by the Regional Board's Executive Officer.
4. The discharger shall maintain legible records on the volume and type of each waste discharged at the site. These records shall be available for review by representatives of the Regional Board at any time during normal business hours. At the beginning of the post-closure maintenance period, copies of these records shall be sent to the Board.
5. The discharger shall maintain monuments identifying the boundary limits of the entire waste management facility.
6. Within six months of the adoption of this Order, the discharger shall submit to the Regional Board and to the State Department of Health Services for review and approval, a report describing a periodic load-checking program to be implemented by the discharger to ensure that 'hazardous wastes' and 'designated wastes' are not discharged at the disposal site.
7. Within six months of the adoption of this Order, the discharger shall submit for review and approval by the Regional Board's Executive Officer, a closure and post-closure maintenance plan in accordance with Section 2597 of Subchapter 15. The closure plan shall be updated annually and submitted to the Regional Board by the 15th day of January of each year.
8. The discharger shall immediately notify the Regional Board of any flooding, equipment failure, slope failure or other change in site conditions which could impair the integrity of waste containment facilities or flood control structures.
9. By June 1, 1988 the discharger shall submit to the Regional Board a plan and time schedule for submittal of the following:

- a. A complete site characterization report (i.e., Section 2595(f) and (g): Geology and Hydrology).
- b. A proposal for a groundwater monitoring system and a vadose zone monitoring system as feasible containing design plans (i.e., Section 2596 (a)(3) for compliance with Article 5 of Subchapter 15).
10. In the event of any change in ownership of the disposal site, the discharger shall notify the succeeding owner or operator in writing of the existence of this Order. A copy of this notification shall be sent to the Regional Board.
11. The discharger shall comply with all applicable provisions of Subchapter 15 that are not specifically referred to in this Order.
12. This Order supersedes Board Order No. 83-16.

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 January 27, 1988.

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

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 88-31  
FOR  
COUNTY OF IMPERIAL  
OCOTILLO WASTE MANAGEMENT FACILITY  
North of Ocotillo - Imperial County

Location of Discharge: SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of Section 13, T16S, R9E, SBB&M

WASTE MONITORING

The discharger shall monitor all wastes discharged to the Class III waste management units and report to the Regional Board as follows:

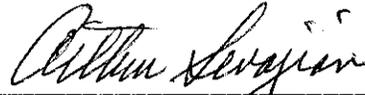
<u>Parameter</u>	<u>Reporting Unit</u>	<u>Frequency</u>
1. Refuse discharged	cubic yards	quarterly
2. Any wastes discharged other than those allowed in the specifications	type, volume and exact location	immediately upon becoming aware that the waste has been discharged
3. Capacity of landfill unit remaining	percent	annually

REPORTING

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

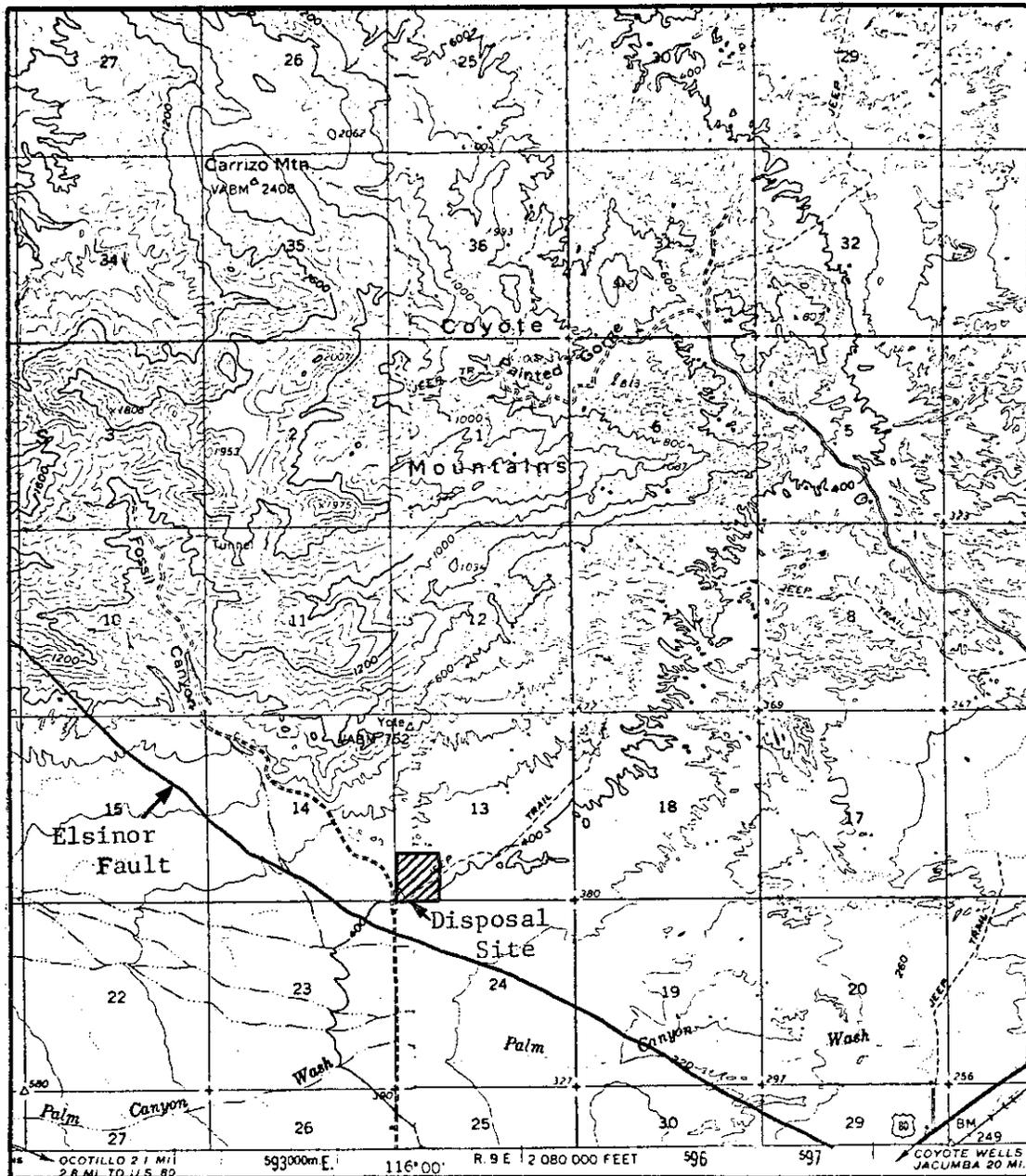
Mail reports to:  
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

  
Executive Officer

January 27, 1988  
Date

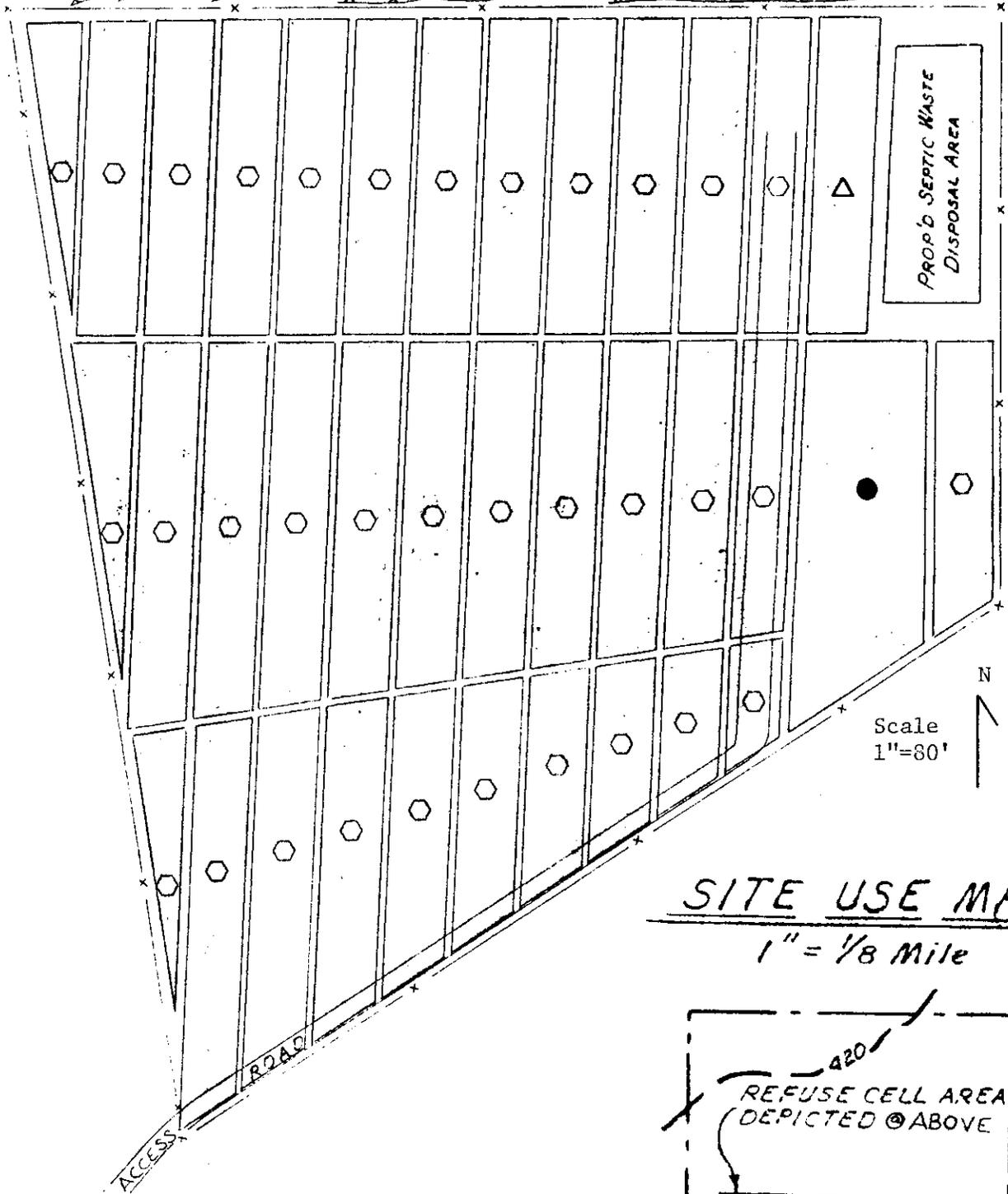
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP NO. 1

COUNTY OF IMPERIAL  
 OCOTILLO WASTE MANAGEMENT FACILITY  
 North of Ocotillo - Imperial County  
 SW $\frac{1}{4}$ , SW $\frac{1}{4}$  of Section 13, T16S, R9E, SBB&M  
 USGS Plaster City and Carrizo Mt. 15 min. Topographic Maps

ORDER NO. 88-31



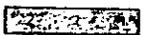
SITE USE MAP

1" = 1/8 Mile

LEGEND



Fence



Refuse Cell



Berm



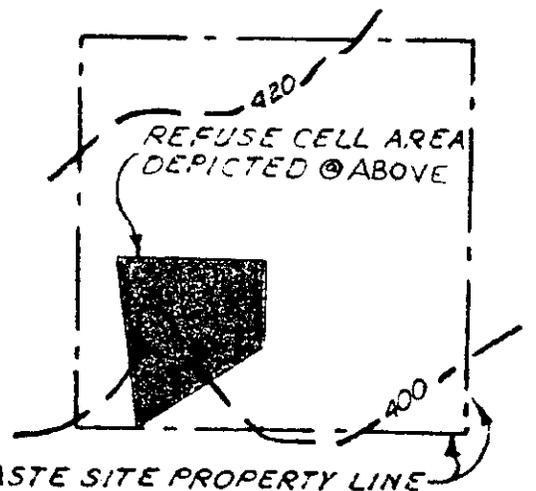
Covered Cell



Current Cell



Future Cell



WASTE SITE PROPERTY LINE

SITE MAP NO. 2

COUNTY OF IMPERIAL  
 OCOTILLO WASTE MANAGEMENT FACILITY  
 North of Ocotillo - Imperial County