

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 88-51

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF IMPERIAL
NILAND WASTE MANAGEMENT FACILITY
Northeast of Niland - 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), 155 South 11th Street, El Centro, California, 92243, submitted a Report of Waste Discharge dated January 5, 1988 to update the waste discharge requirements for the existing disposal facility.
2. The disposal facility has been subject to waste discharge requirements under Board Order No. 83-22. The waste discharge requirements are being updated to comply with Section 13263 of the California Water Code, and to incorporate the applicable provisions of Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
3. This is a 100-acre Class III disposal site owned by the Bureau of Land Management, and operated by the Imperial County Department of Public Works. Waste disposal activities are currently limited to 12 acres of the site. Life expectancy of the entire site exceeds 50 years, based on a total remaining capacity of 1,200,000 cubic yards. The site is located northeast of Niland, in the SW $\frac{1}{4}$, NW $\frac{1}{4}$ and the S $\frac{1}{2}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ and the N $\frac{1}{2}$, N $\frac{1}{2}$, SW $\frac{1}{4}$ of Section 26, T10S, R14E, SBB&M.
4. The discharger operates the site as a landfill. The site presently receives approximately 1800 cubic yards per year of the following:
 - a. Residential refuse
 - b. Commercial refuse
 - c. Construction/demolition wastes
 - d. Tires
 - e. Empty pesticide containers
5. A separate cell area north of the primary disposal area has been constructed to accept empty, triple-rinsed and punctured pesticide containers. The current cell is enclosed by a 6-foot fence with a locked gate. The cell is opened for disposal at specific posted hours with a caretaker present to inspect the containers.
6. The discharger conducts a cut and cover operation in the primary disposal area at the site. Cells are excavated to a depth of approximately 12 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

*9/15/93
adopted
amended
MWH
93-071*

*Superseded by:
Board Ord. # 97-046
5/28/97*

in dimension, then pushed up in 2-foot average lifts onto a working face at an angle permitting the bulldozers to achieve maximum compaction. Usually weekly a soil cover of 6 inches minimum is placed over the compacted material and again compacted.

7. The disposal site is at sea level (USGS datum). Natural drainage patterns divert storm water away from the site. The current disposal area is located between two washes, which both drain southwest towards the Salton Sea.
8. Land within 1000 feet of the site is zoned "open space". The surrounding area is natural desert.
9. Soil underlying the site is recent alluvium consisting of gravel, sand, and clay. No test boring data is available.
10. Annual averages for evaporation and precipitation in the area are about 78 inches and 2.84 inches, respectively.
11. The 100-year, 24-hour precipitation event for the site is 2.80 inches.
12. The site is not within the 100-year floodplain.
13. There are no known earthquake faults underlying the site.
14. 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 delineates the location of discharge to be in the Imperial Hydrologic Unit.
15. Ground waters at the site are saline and are not presently beneficially used. Shallow ground waters in this area have a total dissolved solids concentration of about 14,000 mg/l. Depth to the stabilized ground water table is in excess of 20 feet.
16. The Regional Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
17. The Regional Board in a public meeting heard and considered all comments pertaining to the existing discharge.
18. 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, Title 14 of the California Code of Regulations.

IT IS HEREBY ORDERED, 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. Waste material shall not be discharged on any surface which is less than five feet above the highest anticipated ground water level.
4. The discharge shall not cause degradation of any water supply.
5. The waste management units shall be designed, constructed, operated and maintained to prevent inundation or washout due to floods with a 100-year return frequency.
6. 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.
7. 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.
8. The discharger shall provide a final cover for closure of the landfill units in conformance with the requirements of said Subchapter 15.
9. Only pesticide containers which are empty, triple-rinsed and punctured may be discharged at the site. The pesticide containers shall be discharged in separate disposal cells constructed apart from other waste management units unless otherwise approved by the Regional Board's Executive Officer. The pesticide container disposal area shall be enclosed and secured to prevent unauthorized access.
10. 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 said Subchapter 15) at this site is prohibited.
2. The discharge or deposit of "designated waste" (as defined in said 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 waters 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 an amended report of waste discharge and any additional information as may be required by the Regional Board's Executive Officer.
3. The discharger shall comply with "Monitoring and Reporting Program No. 88-51" 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 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 Regional 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 wastes prohibited by this Order are not discharged to the disposal site.
7. Within six months of the adoption of this Order, the discharger shall submit to the Regional Board, for review and approval by the Executive Officer, a closure and post-closure maintenance plan in accordance with Section 2597 of said 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. By August 1, 1988, the discharger shall submit to the Regional Board a plan and time schedule for the submittal of the following:
 - a. Complete site characterization report (in compliance with Section 2595(f) and (g) of said Subchapter 15: Geology and Hydrology).
 - b. A proposal for a ground water monitoring system and a vadose zone monitoring system containing design plans (in compliance with Section 2596 (a)(3) for compliance with Article 5 of said Subchapter 15).
9. The discharger shall immediately notify the Regional Board of any flooding, slope failure or other change in site conditions which could impair the integrity of waste containment facilities or of precipitation and drainage control structures.

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 that notification shall be sent to the Regional Board.
11. The discharger shall comply with all applicable provisions of said Subchapter 15 that are not specifically referred to in this Order.
12. This Order supersedes Board Order No. 83-22.

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 March 23, 1988.



Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 88-51
FOR
COUNTY OF IMPERIAL
NILAND WASTE MANAGEMENT FACILITY
Northeast of Niland - Imperial County

Location of Discharge: SW 1/4, NW 1/4 and S 1/2, SE 1/4, NW 1/4 and
N 1/2, N 1/2, SW 1/4 of Section 26, T10S, R14E, SBB&M

WASTE MONITORING

The discharger shall monitor all wastes discharged to the disposal site and report to the Regional Board the following:

<u>Item</u>	<u>Reporting Unit</u>	<u>Frequency</u>
1. Refuse discharged	Cubic yards	Quarterly
2. Septic tank pumpings and chemical toilet wastes discharged	Gallons	Quarterly
3. Any wastes discharged other than those allowed in the requirements	Type, volume and exact location	Immediately upon becoming aware that the waste has been discharged.
4. Landfill capacity remaining	Percent	Annually

REPORTING

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

Submit monitoring reports to:

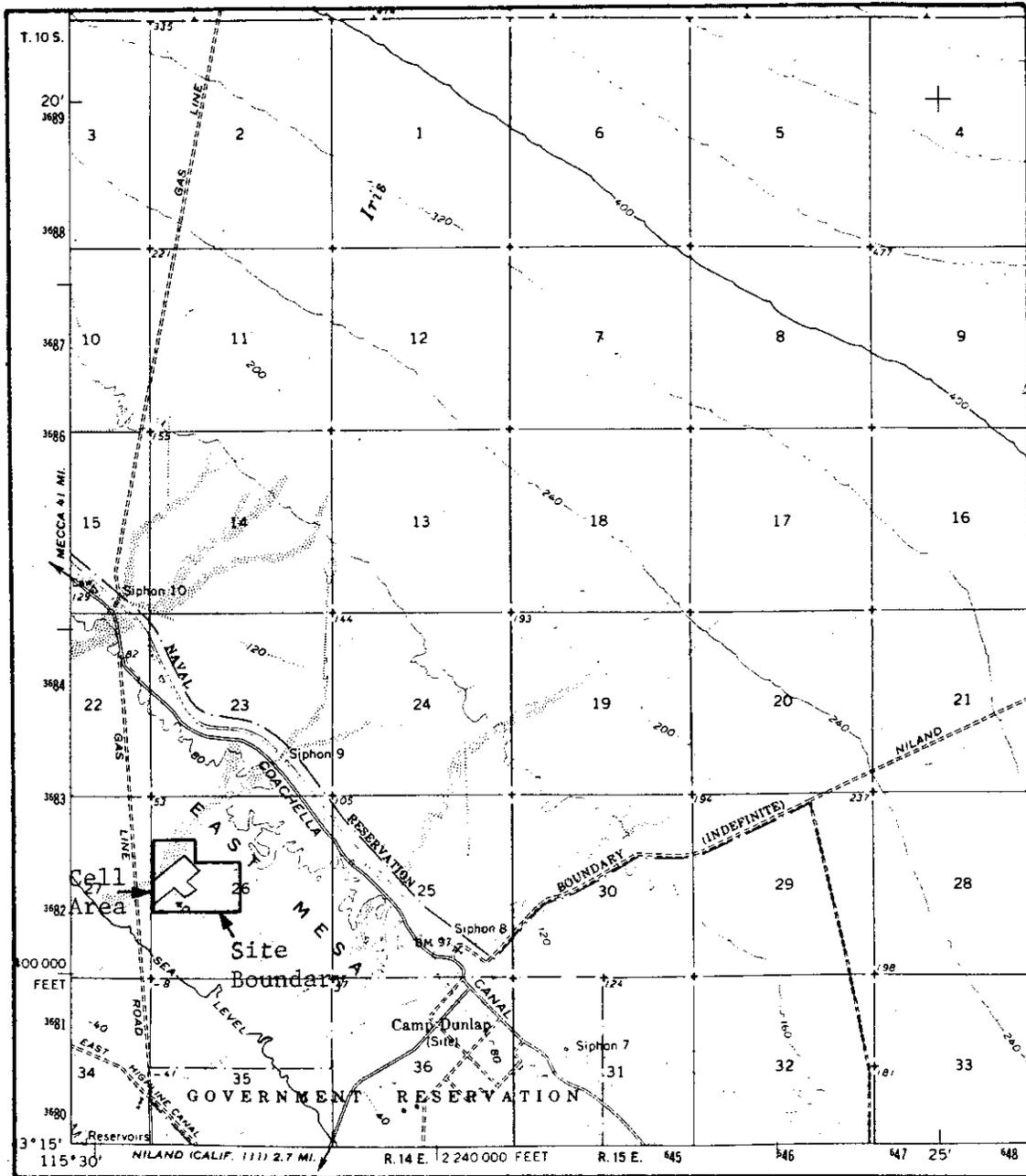
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

March 23, 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7

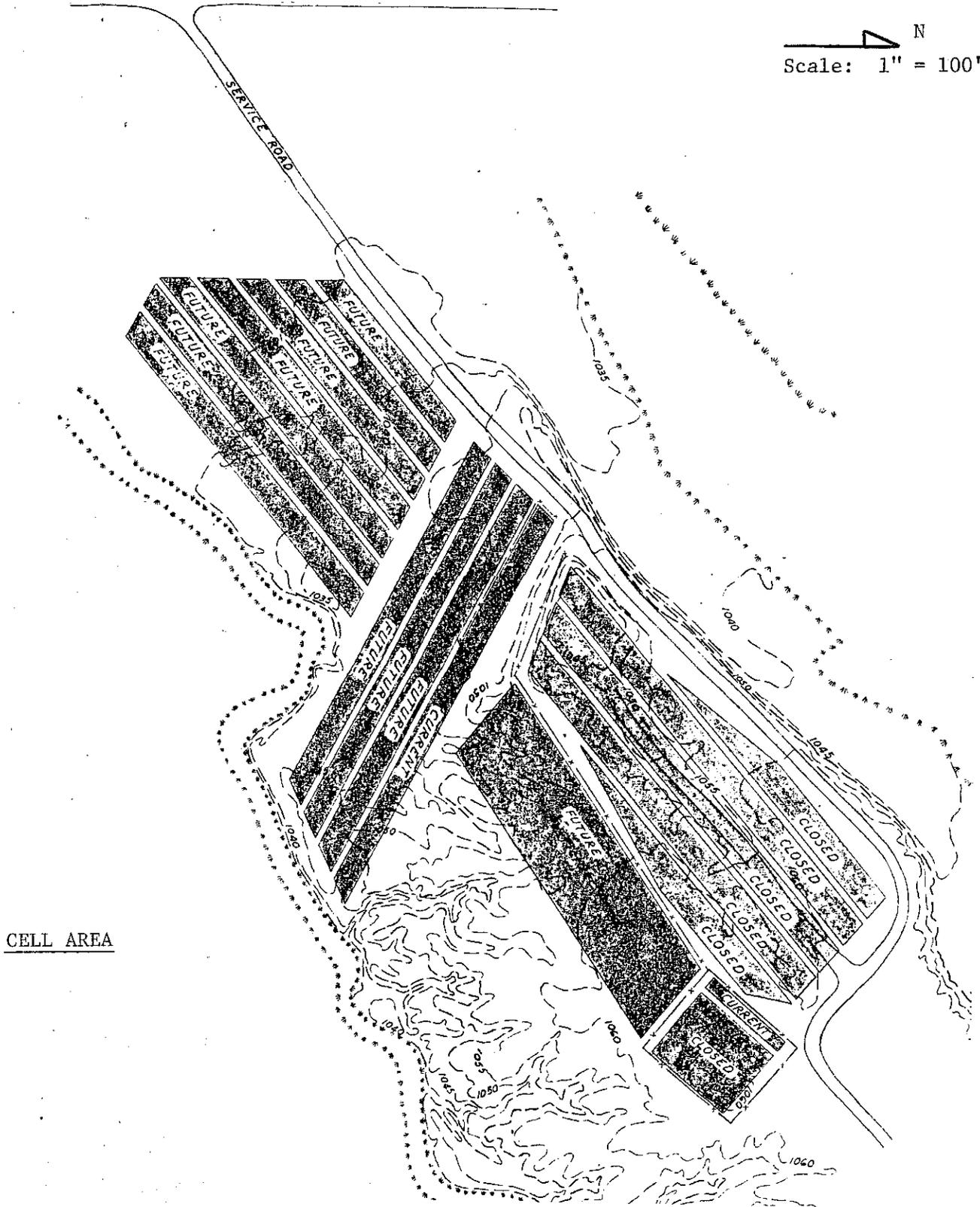


SITE MAP NO. 1

COUNTY OF IMPERIAL
 NILAND WASTE MANAGEMENT FACILITY
 Northeast of Niland - Imperial County
 SW $\frac{1}{4}$, NW $\frac{1}{4}$, and the S $\frac{1}{2}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ and the N $\frac{1}{2}$, N $\frac{1}{2}$, SW $\frac{1}{4}$ of Sec. 26, T10S, R14E, SBB&M
 USGS Iris Pass Area 15 min. Topographic Map

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N
Scale: 1" = 100'



CELL AREA

SITE MAP NO. 2

COUNTY OF IMPERIAL
NILAND WASTE MANAGEMENT FACILITY
Northeast of Niland - Imperial County