

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 89-009

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF RIVERSIDE
EDOM HILL CLASS III WASTE MANAGEMENT FACILITY
North of Cathedral City - Riverside County

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

1. The County of Riverside, (hereinafter also referred to as the discharger), 11728 Magnolia Avenue, Suite A, Riverside, CA 92503 submitted a Report of Waste Discharge dated November 1988, to update the Waste Discharge Requirements for an existing Class III landfill at Edom Hill.
2. The Edom Hill Waste Management Facility (WMF) is located in Section 26, T3S, R5E, SBB&M at 70-100 Edom Hill Road, north of Cathedral City as shown in Attachments "A" & "B" which are incorporated herein and made part of this Order. This site is owned by the United States Bureau of Land Management, 1695 Spruce Street, Riverside, CA 92507.
3. The disposal facility has been subject to waste discharge requirements under Board Order No. 83-75. 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.
4. The discharger submitted a technical report entitled, "Disposal Site Review Report, Edom Hill Sanitary Landfill", dated September 30, 1988 containing technical information on the site and operational data including some of the technical information required in said Subchapter 15. The remainder of the required information of Subchapter 15 will be submitted with the Solid Waste Assessment Testing (SWAT) report, required by Section 13273 of the California Water Code, due on July 1, 1990, and in accordance with a time schedule included in the provisions of this Order.
5. The site receives approximately 577 tons per day of refuse. The total capacity of the site is 12.3 million tons with 10 million remaining. It has an estimated life of 32 years. Total area of the site is 640 acres. A 6-inch cover is placed over the working face once every day. The discharger utilizes the area method of landfilling.

*Superseded
by A.A. Ord. # 92-008
1/22/92*

6. The discharger is proposing to construct six evaporation-percolation ponds, which will be set apart from the landfill areas as shown in Attachment "C" and which is incorporated herein and made a part of this Order, for the disposal of five million gallons-per-year of grease trap pumpings and chemical toilet wastes. Disposal of septic tank pumpings at the Edom Hill WMF will cease on January 1, 1989, although it is recognized that in some situations it is impractical to entirely separate septic tank pumpings from grease trap wastes.
7. The need for construction of grease trap pumping ponds resulted from required closure of the Desert Sewer Pumpers Association septage disposal site which is located north of the intersection of Ramon Road and Da Vall Road northwest of Thousand Palms.
8. Subsequently the facility will be reviewed for appropriate classification, in accordance with criteria set forth in Subchapter 15 for Class III landfills, at the time the SWAT report is reviewed. This will be based on the technical data contained in the SWAT report and other relevant information.
9. The SWAT work includes construction of ground water monitoring wells from which background water quality data will be developed to establish numerical limitations on water quality constituents for protection of the ground water. At such time, this Order will be revised to include the detection and verification monitoring programs and the corrective action program required in Section 2551 of said Subchapter 15.
10. The discharger reports that the site presently receives residential/commercial refuse, agricultural produce, tires, construction/demolition wastes, inert materials and dead animals.
11. The average annual temperature in the vicinity of the site is about 73 degrees Fahrenheit. The average annual precipitation is less than 4 inches and potential evapotranspiration is about 105 inches annually.
12. The WMF is located within the northwestern extent of Indio Hills. The geologic materials in the vicinity of the site consists of recent surficial sand, mainly blow sand with a few dunes and recent alluvium, underlain by sandy, poorly-sorted, brown material called the Ocotillo Conglomerate. Massive blocks of metamorphic and igneous rock formation are also present underneath the site.
13. A preliminary report submitted by the discharger's SWAT consultant indicates that the soil found on the site consists of the Myoma series which is excessively drained soils, the Carsitas Variant series which is fine sand underlain by sandstones and the Badlands series which is loose sand with severe water erosion characteristics.
14. The Banning fault traverses the site. The fault acts as a partial barrier to ground water movement. The Garnet Hill fault is located approximately two miles south of the site.

15. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984.
16. The beneficial uses of ground water of the Coachella Hydrologic Subunit:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
17. Depth to ground water from existing ground surface measured in 1981 at State Well No. 35/5E-22G1 is 108 feet. Said well is located approximately one mile northwest of the disposal site.
18. The disposal area is on relatively high ground and is not located within the 100-year floodplain. The entrance to the site is fenced, and an attendant is present during operating hours.
19. Adjacent land use is zoned as natural assets and controlled development areas.
20. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
21. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
22. These waste discharge requirements govern an existing landfill facility, which the discharger is currently operating. Therefore, this landfill facility 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.
23. The County of Riverside Planning Department has performed an Environmental Assessment No. 33337 for the operation of proposed percolation-evaporation ponds and recommended a Negative Declaration which was adopted by the County of Riverside, Board of Supervisors on December 13, 1988. The Regional Board Executive Officer has reviewed this document and finds that the ponds should not have a significant impact on the water quality if operated in accordance with the requirements of this Order.

IT IS HEREBY ORDERED that the discharger shall comply with the following:

A. Discharge Specifications

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

2. Wastes shall be discharged only into waste management units specifically designed for their containment and shall be confined to the waste management facility as shown in Attachment "B" and "C".
3. The evaporation/percolation ponds shall be constructed on land not overlying buried solid waste.
4. Waste material shall not be discharged on any surface which is less than five feet above the highest anticipated ground water level.
5. The discharge shall not adversely affect water quality for designated beneficial uses.
6. The waste management units shall be designed, constructed, operated and maintained to prevent inundation or washout due to floods from a 100-year, 24-Hour storm.
7. 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.
8. A minimum freeboard of two feet shall be maintained in waste management units containing liquid wastes.
9. Except as explained in Finding No. 6 above, there shall be no discharge of liquid wastes other than grease trap pumpings and chemical toilet wastes at the evaporation/percolation ponds unless otherwise approved by the Regional Board's Executive Officer.
10. Chemical toilet waste discharged at this site shall not contain additives prohibited by Section 66883, Chapter 30, Title 22 of the California Code of Regulations.
11. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
12. Solid waste shall not be placed in ponded water.

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 in accordance with the provisions of Section 2520 (a)(1) of said Subchapter 15.
3. The discharge of liquid waste or semi-solid waste (i.e., waste containing less than 50 percent solids) to the landfill units is prohibited unless otherwise approved by the Executive Officer in

accordance with the provisions of Section 2520 (d)(3) of said Subchapter 15.

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.

C. Provisions

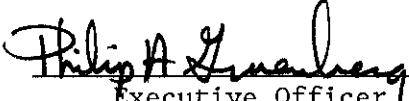
1. The discharger shall maintain a copy of this Order at the site and make it available at all times to site-operating personnel.
2. The discharger shall notify the Regional Board, in writing, of any proposed change in ownership or responsibility for construction or operation of the waste management facility.
3. The discharger shall comply with "Monitoring and Reporting Program No. 89-009", and future revisions thereto, as specified by the Regional Board's Executive Officer.
4. The discharger shall notify the Regional Board in writing of any material change or proposed change in the character, location, or volume of the waste discharged and of any proposed expansion plans. This notification 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.
5. The discharger shall maintain visible 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. One year prior to the anticipated closure of the facility or any unit (portion) thereof, 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.
8. By July 1, 1989, the discharger shall submit to the Regional Board a plan and time schedule for the submittal of the following:
 - a. Section 2551: Required Programs
 - b. Section 2555: General Ground Water Monitoring Requirements
 - c. Section 2595: Waste Management Unit Characteristics
 - d. Section 2596: Design Report and Operations Plan
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 does not authorize violation of any federal, state or local laws and regulations.

IT IS FURTHER ORDERED that Board Order No. 83-75 be superseded by this Order.

I, Phil Gruenberg, 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 25, 1989.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 89-009
FOR
COUNTY OF RIVERSIDE
EDOM HILL CLASS III WASTE MANAGEMENT FACILITY
North of Cathedral City - Riverside County

Location of Discharge: Section 26, T3S, R5E, SBB&M

WASTE MONITORING

- A. 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. Grease trap and chemical toilet waste	Gallons	Quarterly
3. Any wastes discharged other than those allowed in the requirement	Type, volume and approximate location	Immediately upon becoming aware of said discharge
4. Landfill capacity remaining	Percent	Annually

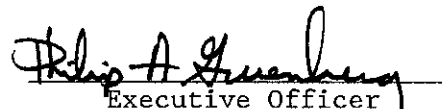
REPORTING

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.

Submit monitoring reports to:

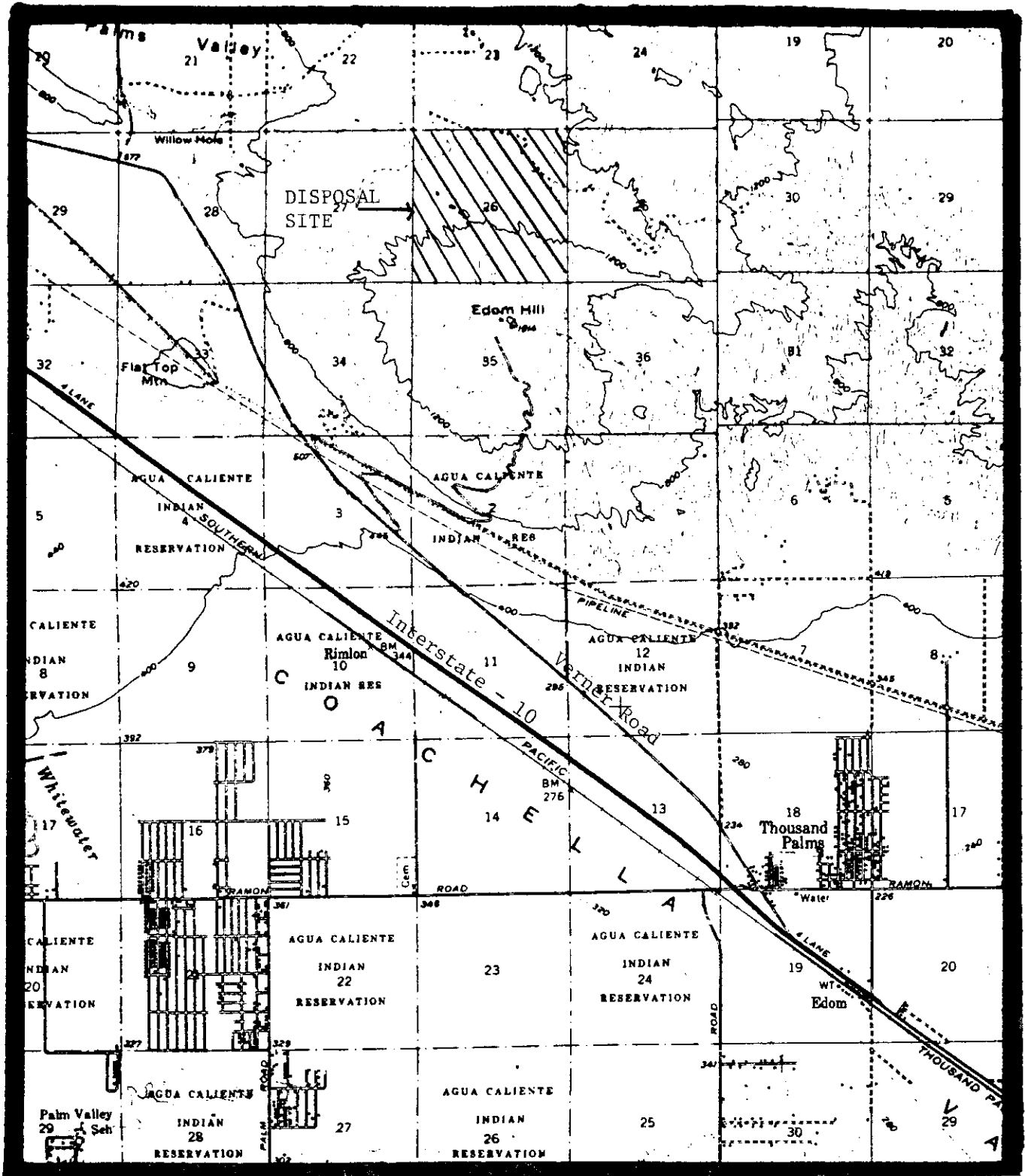
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

January 25, 1989

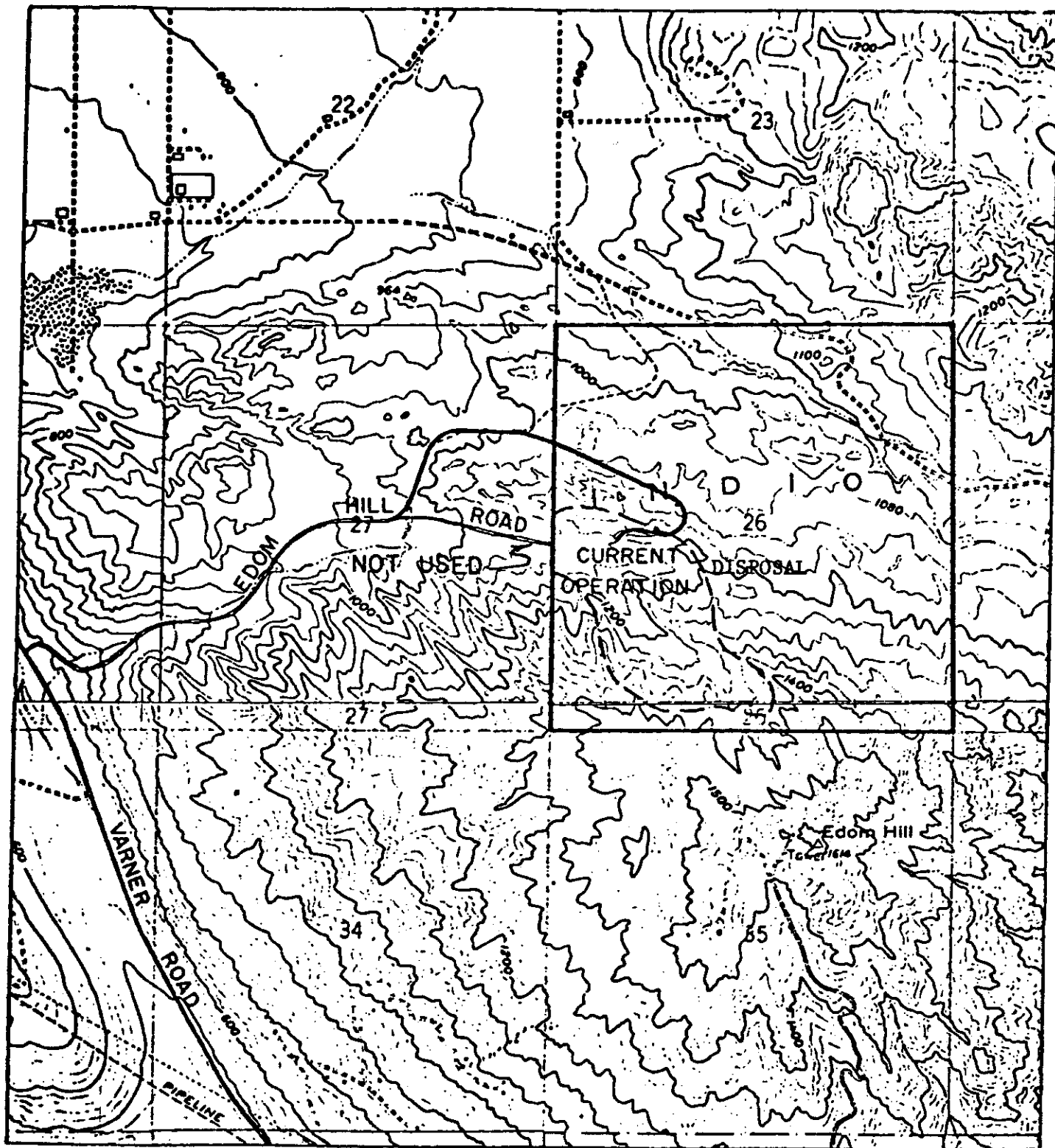
Date



Attachment "A"

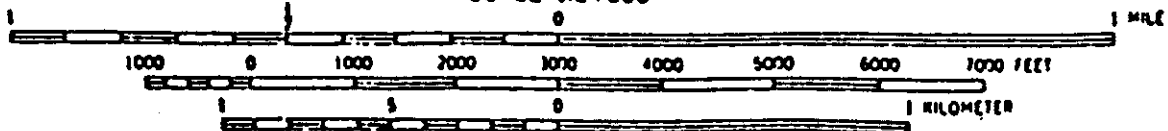
SITE MAP
 COUNTY OF RIVERSIDE
 EDM HILL CLASS III WASTE MANAGEMENT FACILITY
 North of Cathedral City - Riverside County
 Section 26, T3S, R5E, SBB&M
 USGS Thousand Palms Topographic Map

Order No. 89-009



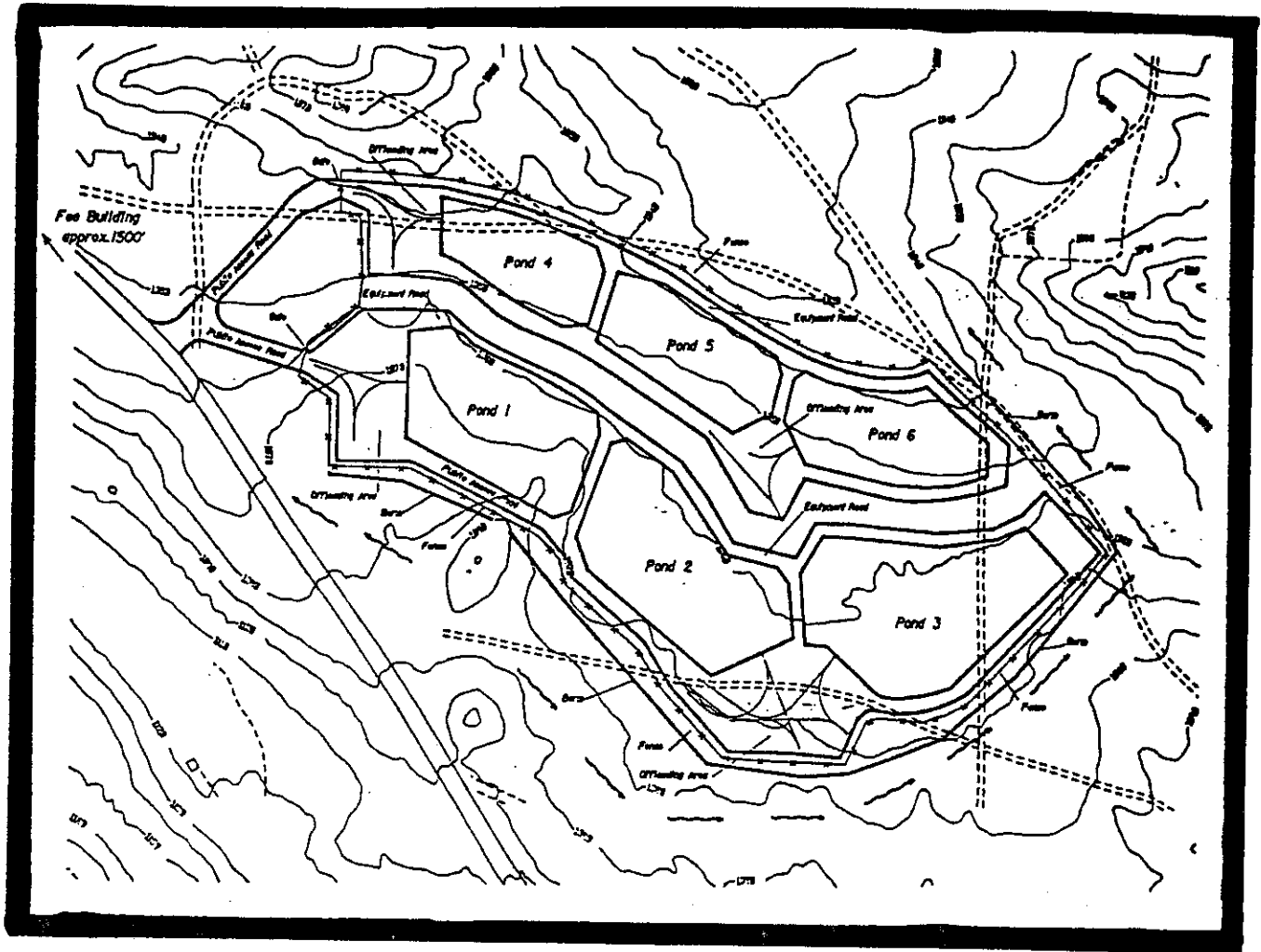
Attachment "B"

SCALE 1:24000



RIVERSIDE COUNTY
EDOM HILL WASTE MANAGEMENT FACILITY
North of Cathedral City - Riverside County

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Attachment "C"
(Proposed)
EVAPORATION - PERCOLATION PONDS
EDOM HILL WASTE MANAGEMENT FACILITY
North of Cathedral City - Riverside County