

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 89-079

WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY OF RIVERSIDE  
CLOSURE OF TWIN PINES RANCH WASTE MANAGEMENT FACILITY  
Southeast of Banning - Riverside County

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

1. The County of Riverside Probation Department (hereinafter also referred to as the discharger), P.O. Box 833, Riverside, California 92501, submitted a Report of Waste Discharge and current information for closure of the Twin Pines Ranch Waste Management Facility (WMF), dated August 15, 1989.
2. The Twin Pines Ranch WMF has been subject to waste discharge requirements under Board Order No. 84-091. The discharger requested the cancellation of Board Order No. 84-091 and informed the Board of its intent to initiate closure work at said WMF on September 27, 1989.
3. Upon cancellation of said Board Order, the WMF will not be used for disposal of any waste.
4. The discharger will be required, as part of the closure work, to submit a closure plan and design a ground water monitoring system at said WMF in accordance with the applicable provisions of Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
5. It will be necessary to determine background water quality of the ground water at the facility from a minimum of one year's sampling, after which the Regional Board will revise this Board Order and set numerical limitations on water quality constituents for protection of the ground water from the effects of the waste management facility. The revised Board Order will also include the detection and verification monitoring programs and possibly the corrective action program required in Section 2551 of said Subchapter 15.
6. A time schedule for completion of the closure work is incorporated in the Provisions of this Order.
7. The discharger will be required to submit a Solid Waste Assessment Test (SWAT) Report by July 1, 1995, in accordance with Section 13273 of the California Water Code.

*Rescinded  
5-17-94  
by Bd. Order  
No. 94-053*

8. The Twin Pines Ranch WMF is located in the NW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of Section 33, T3S, R2E, SBB&M as shown on Attachments "A" and "B" incorporated herein and made a part of this Board Order. Total site area is 0.50 acres.
9. The WMF was used for the disposal of non-hazardous solid wastes, as defined in said Subchapter 15, consisting primarily of paper, cardboard and empty food containers. The WMF received approximately 140 cubic yards-per-year.
10. Waste disposal at this site was accomplished by the trench landfill method of operation. This operation consisted of digging a trench in which refuse was placed and covered with soil on a weekly basis.
11. The disposal area is near the top of a small knoll, situated  $\frac{1}{4}$  mile from Dutch Creek, and Twin Pines Creek which are both intermittent streams. There is sufficient capacity in the channels to contain flows from a 100-year storm without inundation of the disposal site.
12. The site is located on the northern flanks of the San Jacinto Mountains in Cretaceous granite rocks. Ground water levels are approximately 60 feet below ground surface. Ground water flow is primarily through fractures. This finding is general because of the lack of wells in the area.
13. 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 San Gorgonio Hydrologic Subunit.
14. The beneficial uses of ground water of the San Gorgonio Hydrologic Subunit are:
  - a. Municipal supply (MUN)
  - b. Industrial supply (IND)
  - c. Agricultural supply (AGR)
15. Land within 1,000 feet of this site is used as pasture for cattle.
16. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for the discharge.
17. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
18. In accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.)

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

A. Closure Specifications

1. The disposed solid waste shall not cause pollution or nuisance as defined in Section 13050 (1) and 13050 (m) of the California Water Code.
2. The discharge of any waste to the WMF is prohibited.
3. The WMF shall be protected during the closure period by natural or artificial features so as to assure protection from washout or inundation which could occur as a result of a 100-year, 24-hour storm.
4. 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.
5. 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.
6. The discharger shall provide a final cover for closure of the landfill units in conformance with the requirements of said Subchapter 15.
7. The Board shall be notified immediately of any structural failure occurring at the WMF.

B. Closure Provisions

1. The discharger shall submit a closure and post-closure maintenance plan, in accordance with said Subchapter 15, and shall comply with the following time schedule for closure:

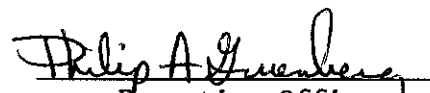
<u>Task</u>	<u>Compliance Date</u>	<u>Report Date</u>
a. Submit a Closure & Post-Closure Maintenance Plan and Ground Water Monitoring Program	September 1, 1990	September 15, 1990
b. Start Construction of Closure Work	November 1, 1990	November 15, 1990
c. Progress Report	January 1, 1990	March 15, 1991

<u>Task</u>	<u>Compliance Date</u>	<u>Report Date</u>
d. Progress Report	March 1, 1991	March 15, 1991
e. Complete Construction of Closure Work	May 1, 1991	May 15, 1991

2. The discharger shall maintain a copy of this Order at the site and make it available at all times to site operating personnel.
3. The discharger shall comply with "Monitoring and Reporting Program No. 89-079", and future revisions thereto, as specified by the Regional Board's Executive Officer.
4. 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.
5. 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.
6. The discharger shall comply with all applicable provisions of Subchapter 15 that are not specifically referred to in this Order.
7. The discharger shall notify the Regional Board, in writing, of any proposed change in responsibility for post-closure maintenance.
8. All construction work shall be performed under the supervision of a Civil Engineer registered in the State of California.
9. The discharger shall maintain monuments identifying the limits of the disposal site and of each solid waste disposal area within the site.

IT IS FURTHER ORDERED that this Board Order supersedes Board Order No. 84-091.

I, Philip A. 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 November 29, 1989.

  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 89-079

FOR  
COUNTY OF RIVERSIDE  
CLOSURE OF TWIN PINES RANCH WASTE MANAGEMENT FACILITY  
Southeast of Banning - Riverside County

Location of Discharge: NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Section 33, T3S, R2E, SBB&M

MONITORING

- A. Ground water monitoring wells shall be sampled quarterly during March, June, September and December. The samples shall be analyzed for the following indicator parameters:

<u>Parameters and Constituents</u>	<u>Unit</u>	<u>Type of Samples</u>	<u>Frequency</u>
pH	-	Grab	Quarterly
TDS	mg/l	Grab	Quarterly
Specific conductance	micromhos/cm	Grab	Quarterly
Temperature	°C	Grab	Quarterly
Calcium	mg/l	Grab	Quarterly
Magnesium	mg/l	Grab	Quarterly
Sulfate	mg/l	Grab	Quarterly
Sodium	mg/l	Grab	Quarterly
Chloride	mg/l	Grab	Quarterly
Nitrate	mg/l	Grab	Quarterly
Bicarbonate	mg/l	Grab	Quarterly

The collection, preservation and holding times of all samples shall be in accordance with EPA-approved methods. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.

- B. During the post-closure period, the discharger shall report the following annually to the Regional Board:
1. The status of drainage features
  2. The physical integrity of the graded surfaces of the WMF which includes cracks, erodability, and settlement.

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.

The discharger shall arrange the data in tabular form so that the data and other specified information are readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the waste management facility is operating in compliance with waste discharge requirements.

Monitoring reports shall be certified under penalty of perjury to be true and correct and shall contain the required information at the frequency specified in the monitoring program.

Submit monitoring reports to:

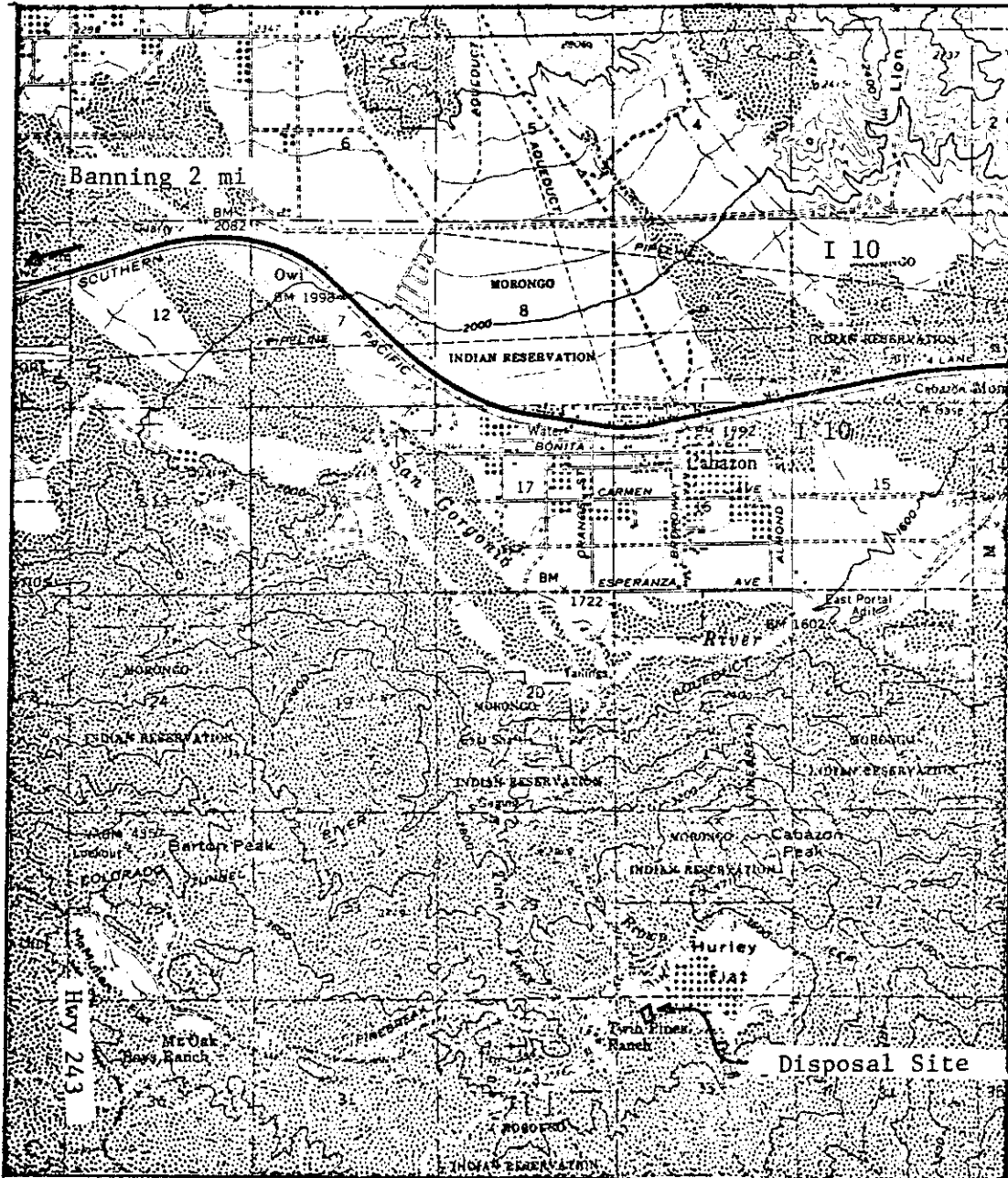
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

Philip A. Guenberg  
Executive Officer

November 29, 1989  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale:  
1 in = 1 mile

SITE MAP  
COUNTY OF RIVERSIDE  
TWIN PINES RANCH SOLID WASTE DISPOSAL SITE  
Southeast of Banning - Riverside County  
NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Section 33, T3S, R2E, SBB&M  
USGS Banning 15 mi. Topographic Map

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7

COUNTY OF RIVERSIDE  
TWIN PINES RANCH SOLID WASTE DISPOSAL SITE  
Southeast of Banning - Riverside County

