

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

ORDER NO. 97-009

**WASTE DISCHARGE REQUIREMENTS  
FOR  
WASTE RESOURCES MANAGEMENT OF RIVERSIDE COUNTY, OWNER  
CITY OF COACHELLA, OPERATOR  
COACHELLA SOLID WASTE TRANSFER/RECYCLING STATION  
North of Coachella - Riverside County**

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

1. The Waste Resources Management District of Riverside County, 1995 Market Street, Riverside, CA 92501 and the City of Coachella, 1515 Sixth Street, Coachella, CA 92236 (hereinafter referred to as the dischargers) own and operate, respectively, the Coachella Solid Waste Transfer/Recycling Station (hereinafter called the Facility). On October 8, 1996, the Regional Board received a complete report of waste discharge for the disposal of the Facility's stormwater runoff and dumping pad runoff.
2. This facility is located in the NE 1/4, NW 1/4, Section 22, T5S, R8E, SBB&M. The street address of the facility is 87-011 44th Avenue, Coachella, CA 92236.
3. The facility will receive mixed solid municipal waste, both residential and commercial, minor construction and demolition debris, and other non-hazardous municipal solid waste. The facility is designed for an average waste volume throughput of 700 tons-per-day. Peak daily throughput is expected to be approximately 1,100 tons-per-day. All waste materials (excluding recyclable) will be placed onto a dumping pad. Waste placed onto the dumping pad is overseen by spotters at the facility. Spotters help ensure that the waste does not contain hazardous materials prior to allowing the vehicles to leave the area. Operations will also include nominal floor space for sorting incoming waste and for significant weight and/or recyclable materials. Waste materials bound for disposal will be stored on the dumping pad. After normal operating hours, waste material is placed in transfer trailers for transport to the Badlands Landfill.
4. The facility will include hazardous materials and recyclable material storage areas. All hazardous materials collected or dropped off at the site are stored in structurally sound, leak proof containers of the appropriate composition in accordance to Section 66262.34, Title 22 of the California Code of Regulations and are removed within 90 days under manifest. Recyclable materials will generally consist of the following: Large metallic items, green/woody material, cardboard, glass, mattresses, concrete, and asphalt. The facility has designated areas for all materials.
5. The dischargers will discharge stormwater runoff from the 34.1 acre site. In some cases, stormwater will be discharged after the runoff has come in contact with the materials handled at the facility (except stored hazardous materials). The discharger separates runoff originating at this facility into two different flow streams. Runoff water from the dumping pad and loading area is collected in a 5,000 gallon clarifier. After clarification, the water is collected in a holding pond with a 40 mil. liner. The holding pond is designed to contain a 25 year, 24 hour return frequency storm and have over two feet of freeboard; and a 100 year, 24 hour return frequency storm and have 1.95 feet of freeboard; and two 20 year, 24 hour frequency storms in succession and have six inches of freeboard. After analytical results indicate that the water held in the



holding pond contains pollutants at concentrations below regulatory concern, the water can be discharged for percolation. The remainder of the runoff water generated onsite is diverted to the percolation basin at the facility. The percolation basin is approximately 3.2 acres and has an estimated percolation rate of  $1 \times 10^{-3}$  cm/sec.

6. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993 and designates the beneficial uses of the ground waters in this Region.
7. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
  - a. Municipal supply (MUN)
  - b. Industrial supply (IND)
  - c. Agricultural supply (AGR)
8. The Board of Directors of the Riverside County Waste Resources Management District found that the Coachella Transfer/Recycling Station will not have a significant effect on the Environment. Consequently, a Mitigated Negative Declaration was approved on October 1, 1996. The following Mitigation Measures were listed:
  - a. Uncovered storage of trash on the dumping pad will be discouraged during times of high probability of rainfall;
  - b. Surface runoff from the disposal pad will be managed separately from other areas of the transfer station. Runoff from the other areas of the station will be diverted to an infiltration basin, located to the north of the station. Runoff from the dumping pad will first go through a 3-stage clarifier, which will remove grease, debris, and sediment. Discharge from the clarifier will be directed to a lined pond. The design intent of the pond is to trap for testing the discharge from the clarifier. The capacity of the lined pond should be sufficient to hold two 20-year, 24-hour storm events, plus a freeboard capacity of 15%. If the runoff is tested, and it is contaminated, it will remain in the pond and be evaporated or disposed of in conformance with the requirements by the California Regional Water Quality Control Board and the Local Enforcement Agency.
9. This Board Order mitigates the potential adverse impacts by requiring compliance with the following items in this Board Order:
  - a. Prohibition No. 1
  - b. Specifications No. 2, 4, 6,
  - c. Provision No. 1
10. The Regional Board has notified the discharger and all known interested agencies and persons of its intent to prescribe waste discharge requirements for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.

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

**A. Prohibitions**

1. Discharge of treated wastewater at a location or in a manner different from that described in Finding No. 5, above, is prohibited.

2. The discharge of dumping pad runoff to the percolation basin prior to testing and analysis as specified in Monitoring and Reporting Program No. 97-009 is prohibited.

**B. Specifications**

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Section 13050 of Division 7 of the California Water Code.
2. The discharge shall not cause degradation of any beneficial use of surface or ground water.
3. Treated or untreated sludge or similar solid waste materials shall be disposed at locations approved by the Regional Board's Executive Officer.
4. Storm water discharges from the facility shall not contain hazardous substances equal to or in excess of a reportable quantity listed in 40 CFR Part 117 and/or 40 CFR Part 302.
5. Runoff water discharged to the percolation/evaporation basin shall not exceed the maximum contaminant level as listed in Section 64444, Article 5.5 in Title 22 of the California Code of Regulations.
6. A minimum depth of freeboard of two (2) feet shall be maintained at all times in line storage basin.

**C. Provisions**

1. The discharger shall comply with "Monitoring and Reporting Program No. 97-009", and future revisions thereto, as specified by the Regional Board's Executive Officer.
2. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.
3. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
4. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances), which are installed or used by the discharger to achieve compliance with conditions of this Board Order.
5. The discharger shall dispose of sludge generated at the facility in a manner consistent with current State and Federal Regulations and laws. Disposal shall be reported in conformance with monitoring and Reporting Program No. 97-009.
6. The discharger shall ensure that all facility management and supervision staff are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
7. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater disposal facilities.

8. The discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
9. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
10. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board's Executive Officer.
11. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
  - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order;
  - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order;
  - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order; and
  - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
12. This Board Order does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
13. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.

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 January 22, 1997.

  
Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 97-009  
FOR  
WASTE RESOURCES MANAGEMENT OF RIVERSIDE COUNTY, OWNER  
CITY OF COACHELLA, OPERATOR  
COACHELLA SOLID WASTE TRANSFER/RECYCLING STATION  
North of Coachella - Riverside County**

Location of Discharge: NE 1/4, NW 1/4, Section 22, T5S, R8E, SBB&M

**MONITORING**

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. Compliance with the discharge limitations shall be determined at the end of the discharge pipe.
3. If the facility is not in operation, or there is no discharge during a required reporting period, the discharger shall forward a letter to the Regional Board indicating that there has been no activity during the required reporting period.

**EFFLUENT MONITORING**

A sampling station shall be established where representative samples of effluent can be obtained. Wastewater from the dumping pad stored in the lined holding basin shall be monitored for the following constituents:

<u>Constituents</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sample Frequency</u>
Volume Discharge to Basin	GPD <sup>1</sup>	--	Quarterly
Volume of Discharge to Percolation Basin	Gallons	--	Prior to Discharge
Hydrogen Ion	pH Units	Grab	Prior to Discharge
Total Dissolved Solids	mg/L <sup>2</sup>	Grab	Prior to Discharge
Total Nitrogen	mg/L	Grab	Prior to Discharge

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<sup>1</sup> GPD - Gallons-per-Day

<sup>2</sup> mg/L - milligrams-per-Liter

<u>Constituents</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sample Frequency</u>
Volatile Organics (EPA 8260)	mg/L	Grab	Prior to Discharge
EPA 8011	$\mu\text{g/L}^3$	Grab	Prior to Discharge
EPA 6010	$\mu\text{g/L}$	Grab	Prior to Discharge

#### CLARIFIERS SLUDGE MONITORING

The discharger shall report quarterly on the quantity, location and method of disposal of all clarifier sludge and similar solid materials being produced:

The sludge that is generated at this facility shall be sampled and analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Arsenic	mg/kg <sup>4</sup>	Grab	Prior to Discharge
Cadmium	mg/kg	Grab	Prior to Discharge
Chromium	mg/kg	Grab	Prior to Discharge
Copper	mg/kg	Grab	Prior to Discharge
Lead	mg/kg	Grab	Prior to Discharge
Mercury	mg/kg	Grab	Prior to Discharge
Nickel	mg/kg	Grab	Prior to Discharge
Selenium	mg/kg	Grab	Prior to Discharge
Zinc	mg/kg	Grab	Prior to Discharge

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<sup>3</sup>  $\mu\text{g/L}$  - micrograms-per-Liter

<sup>4</sup> mg/kg - Milligrams per kilogram on a dry weight basis.

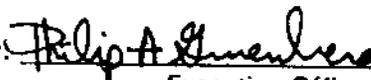
## REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurement(s);
  - b. The individual(s) who performed the sampling or measurement(s);
  - c. The date(s) analyses were performed;
  - d. The individual(s) who performed the analyses;
  - e. The analytical techniques or method used; and
  - f. The results of such analyses.
3. Each report shall contain the following statement:

"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."
4. A duly authorized representative of the discharger may sign the documents if:
  - a. The authorization is made in writing by the person described above;
  - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
  - c. The written authorization is submitted to the Regional Board's Executive Officer.
5. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.
6. Submit monitoring reports to:

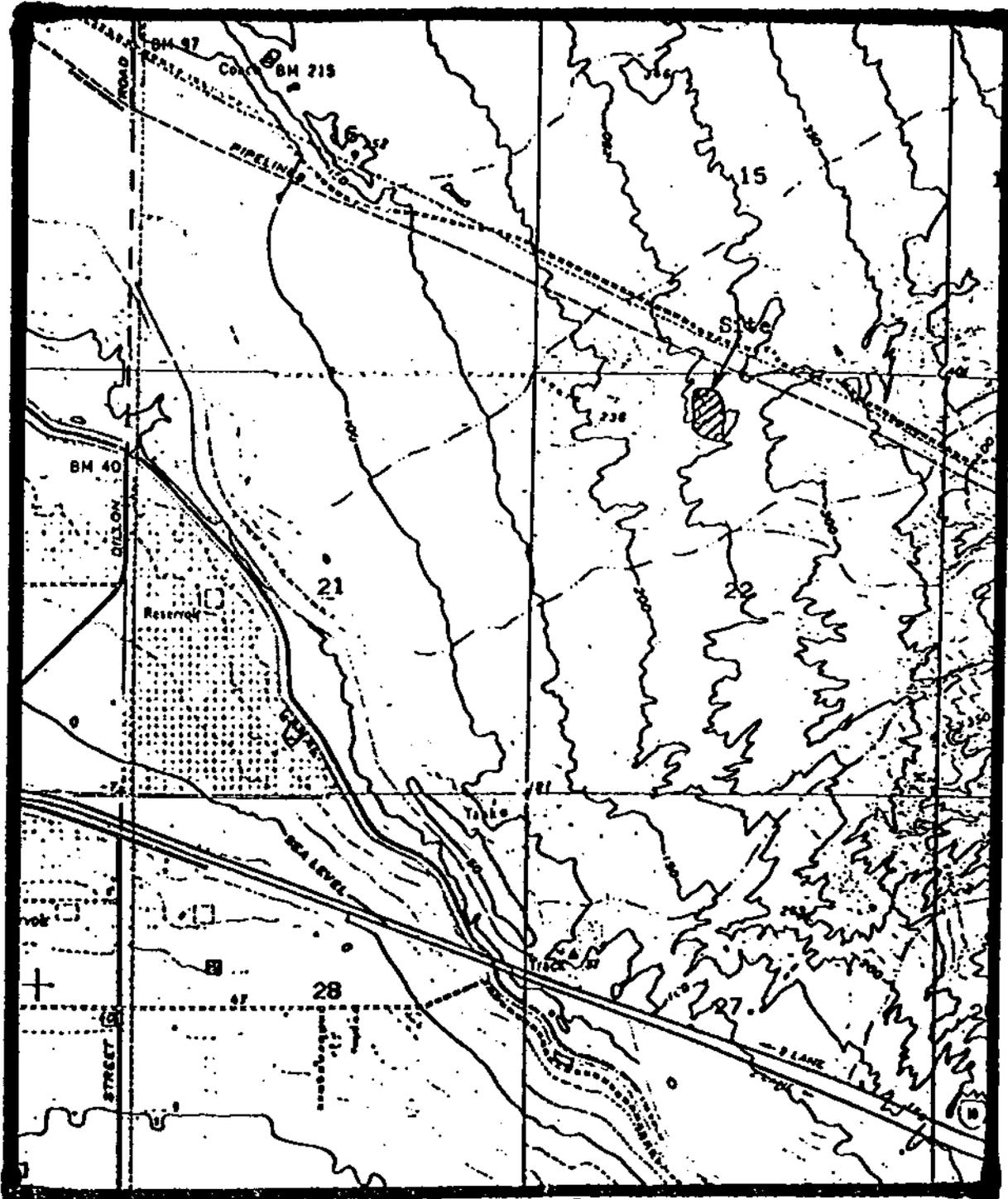
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-720 Fred Waring, Suite 100  
Palm Desert, CA 92260

Ordered by:

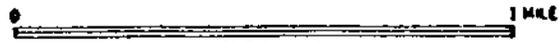
  
Executive Officer

January 22, 1997

Date



SCALE



SITE MAP

WASTE RESOURCES MANAGEMENT OF RIVERSIDE COUNTY, OWNER  
CITY OF COACHELLA, OPERATOR  
COACHELLA SOLID WASTE TRANSFER/RECYCLING STATION  
North of Coachella - Riverside County  
NE 1/4, NW 1/4 Section 22, T5S, R8E, SBB&M  
USGS Indio California, 7.5 Min. Topographic Map