

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

ORDER NO. R7-2006-0017

**WASTE DISCHARGE REQUIREMENTS
FOR
RRM PROPERTIES, LTD., OWNER/OPERATOR
ROBERTSON'S READY MIX SAND AND GRAVEL PROCESSING PLANT
WASHWATER INFILTRATION/EVAPORATION BASIN DISPOSAL FACILITIES**

Banning – Riverside County

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

1. RRM Properties, Ltd., P.O. Box 3600, Corona, California 92878, (hereinafter referred to as the Discharger), submitted an updated Report of Waste Discharge (ROWD) to the California Regional Water Quality Control Board, Colorado River Basin Region (Regional Board), on November 2, 2005 for the wastewater disposal facilities of its sand and gravel processing plant in Banning.
2. The discharge site is located in northeast portion of Banning in the NE 1/4 of Section 3, T3S, R1E, SBB&M.
3. The Discharger is discharging a total maximum daily flow of 160,000 gallons-per-day of wastewater from a sand and gravel processing plant, where sand and gravel are excavated, screened and washed for use in construction materials. The silt/clay-laden wastewater gravity flows into an earthen settling basin that overflows into an earthen infiltration/evaporation basin, where the wastewater is re-circulated for use in the plant washing operation. The wastewater disposal system has a designed capacity of more than 200,000 gallons-per-day. However, the wastewater disposal basins cover an area of about 5.6 acres with a design capacity that is almost unlimited since the basins are located in a mined-out quarry. Exhibit A (attached) shows a layout of the plant facilities. In order to maintain infiltration in the basins, the silts and clays that settle-out are periodically allowed to dry and then removed for recycling as fill material. The plant operates 286 days per year, or 5.5 days per week 52 weeks per year, depending upon market demand and the product being produced. There are no surfactants or thickeners used in the processing.
4. Water is supplied to this processing plant from a lined containment basin that receives water from two on-site wells and Banning city water. The nearest well is located about 1,000 feet west of the disposal basins, and the other well is 300 feet further west. The water in the basin has a total dissolved solids (TDS) concentration that averages about 220 mg/L. The San Andreas Fault zone runs through the site causing a perched water table at about 240 feet below ground surface. That is, depth-to-ground water at the site is more than 150 feet below the bottom of the lowest basin. Both basins are located in a large excavated area, which is at the lowest point 80 feet below ground surface. The San Gorgonio River channel runs through the north side of the plant property and adjacent to the wastewater basins. A large built-up levee along the side of the channel protects the basins from any overflow of floodwaters in the river.
5. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan), as amended to date, designates the beneficial uses of ground and surface waters

in this Region. The beneficial uses of ground water in the San Geronio Hydrological Subunit are municipal, industrial and agricultural supply.

6. This discharge has been subject to Waste Discharge Requirements adopted in Board Order No. 91-038 and is being updated to comply with the current laws and regulations as set forth in the California Water Code and the California Code of Regulations.
7. 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 (CEQA) (Public Resources Code, Section 21000 et. seq).
8. The monitoring and reporting requirements in Monitoring and Reporting Program No. R7-2006-0017 are necessary to determine compliance with these Waste Discharge Requirements and to determine the facility's impacts, if any, on receiving water.
9. Federal Regulations for storm water discharges require specific categories of facilities which discharge storm water associated with industrial activity (storm water) to obtain NPDES permits and to implement Best Conventional Pollutant Technology (BCT) and Best Available Technology Economically Achievable (BAT) to reduce or eliminate industrial storm water pollution.
10. The State Water Resources Control Board (SWRCB) adopted Order No. 97-03-DWQ (General Permit No. CAS000001), specifying waste discharge requirements for discharges of storm water associated with industrial activities, excluding constructing activities, and requiring submittal of a Notice of Intent by industries to be covered under the Permit.
11. The Discharger indicates that there are no discharges of pollutants (as defined in 33 U.S.C. Section 1362 (12)) from this site. Therefore, an NPDES permit is not necessary for this facility.
12. The Board has notified the Discharger and all known interested agencies and persons of its intent to update Waste Discharge Requirements for this discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
13. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order No. 91-038 is rescinded, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the Discharger shall comply with the following:

A. Prohibitions

1. The discharge of hazardous or designated wastes (as defined in Chapter 15, Title 23, California Code of Regulations) at this facility is prohibited.
2. The direct discharge of any wastewater from the facility to any surface waters or surface drainage courses is prohibited.
3. The discharge of waste containing any carcinogen or reproductive toxins listed by the Governor pursuant to Health and Safety Code Sections 25249.5 through 25249.13, the

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), where such chemicals pass or probably will pass into any source of drinking water, is prohibited.

4. The discharge of waste to land not owned or controlled by the Discharger is prohibited.
5. There shall be no surface flow of wastewater away from the designated disposal areas.
6. The discharge shall not cause degradation of any water supply.

B. Specifications

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050 (l) and 13050 (m) of Division 7 of the California Water Code.
2. No wastewater other than sand and gravel wash water shall be discharged into the wastewater disposal systems described in Finding No. 3, (above).
3. A minimum depth of freeboard of two (2) feet shall be maintained at all times in the wastewater basins.
4. Solid waste materials shall be disposed only at locations approved by the Regional Board's Executive Officer.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
6. The maximum discharge of wastewater shall not exceed 200,000 gallons-per-day to the wastewater disposal system.
7. The wastewater in the basins shall not contain a total dissolved solids (TDS) concentration that exceeds 620 mg/L.
8. The Discharger shall remove and properly dispose of any wastes discharged at this site that are in violation of these requirements.

C. Provisions

1. The Discharger shall use the best practicable control techniques to limit the TDS content to not exceed the limit stated in Specification B.7 of this Order.
2. The Discharger shall comply with Monitoring and Reporting Program No. R7-2006-0017, and future revisions thereto, as specified by the Regional Board's Executive Officer.
3. 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.
4. 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.
5. This Board Order does not authorize violation of any federal, state, or local laws or regulations.

6. 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.
7. 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.
8. The Discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the Discharger to achieve compliance with this Board Order.
9. All maintenance performed shall be reported in the monitoring reports as required.
10. 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.
11. Ponds shall have sufficient capacity to accommodate allowable wastewater flow, design seasonal precipitation, ancillary inflow, and infiltration during the non-irrigation season. Design seasonal precipitation shall be based on total annual precipitation using a return period of 100 years, distributed monthly in accordance with historical rainfall patterns.
12. 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.
13. The discharge shall not cause degradation of any beneficial use of surface or ground water.
14. The Discharger shall obtain prior written approval from the Regional Board's Executive Officer specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials. In addition, the Discharger shall provide the results of any sludge analyses as specified by the Regional Board's Executive Officer.
15. The Discharger is the responsible party for the Waste Discharge Requirements and the Monitoring and Reporting Program for the facility. The Discharger shall comply with all conditions of these Waste Discharge Requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or

imposing civil monetary liability, or in modification or revocation of these Waste Discharge Requirements by the Regional Board.

16. The Discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The Discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement and/or report of application.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements;
 2. The individual(s) who performed the sampling or measurements;
 3. The date(s) analyses were performed;
 4. The individual(s) who performed the analyses;
 5. The analytical techniques or methods used; and
 6. The results of such analyses.
17. This Board Order may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Discharger for a Board Order modification, revocation and re-issuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Board Order condition. Causes for modification include the promulgation of new regulations, modification of land application plans, or modification in sludge use or disposal practices, or adoption of new regulations by the State Board or the Regional Board, including revisions to the Basin Plan.
18. The Discharger shall report all instances of noncompliance. Reports of noncompliance shall be submitted with the Discharger's next scheduled self-monitoring report or earlier if requested by the Regional Board's Executive Officer, or if required by an applicable standard for sludge use and disposal.

I, Robert Perdue, 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, 2006.

Original signed by _____
ROBERT PERDUE
Executive Officer