

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 93-015

WASTE DISCHARGE REQUIREMENTS
FOR
RIVERSIDE COUNTY AVIATION DIVISION
THERMAL AIRPORT
SEWAGE DISPOSAL BASINS
West of Thermal - Riverside County

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

1. County of Riverside, Economic Development Agency/Aviation Division (hereinafter referred to as the discharger), 37552 Winchester Road, Murrieta, California, 92563, submitted an updated Report of Waste Discharge dated, December 1, 1992.
2. The discharger is discharging a maximum of 1,000 gallons-per-day of domestic sewage from the airport restroom facilities into a septic tank, which is pumped into three oxidation basins located in the NW 1/4 of the SW 1/4 of Section 21, T6S, R8E, SBB&M. Final disposal is by evaporation and infiltration.
3. This discharge has been subject to waste discharge requirements adopted in Board Order No. 88-008.
4. There are no domestic wells within 500 feet of the discharge facilities described in Finding No. 2, above.
5. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted May 15, 1991 and designates the beneficial uses of ground and surface waters in this Region.
6. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
7. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for this discharge.
8. The Board in a public meeting heard and considered all comments pertaining to this discharge.
9. 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IT IS HEREBY ORDERED, that Board Order No. 88-008 is rescinded and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with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:

RESCINDED BY
BOARD ORDER NO. 87-2002-0123

05-08-02

A. Discharge Prohibitions

1. The direct discharge of wastes to surface waters or surface water drainage courses is prohibited.
2. The by-pass or overflow of untreated or partially treated waste is prohibited.

B. Discharge Specifications

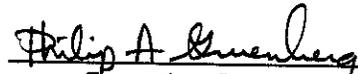
1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2, above.
3. A minimum freeboard of two (2) feet shall be maintained at all times in the basins.
4. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the treatment and discharge facilities inoperable.
6. 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.
7. There shall be no surface flow of wastewater away from the designated disposal areas.
8. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
9. A surface aerobic environment shall be maintained in each basin.
10. Facilities shall be available to keep the disposal system in operation in the event of commercial power failure.
11. Septic tank cleanings shall be discharged only by a duly authorized service. All septage shall be disposed of in a manner approved by the Regional Board's Executive Officer.
12. Ponds shall be managed to prevent breeding of mosquitos. In particular,
 - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface.
 - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
 - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
13. Public contact with undisinfected wastewater shall be precluded through such means as fences, signs and other acceptable alternatives.

14. Ponds shall have sufficient capacity to accommodate allowable wastewater flow and design seasonal precipitation and ancillary inflow and infiltration during the nonirrigation 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.

B. Provisions

1. 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.
2. The discharger shall comply with "Monitoring and Reporting Program No. 93-015", and future revisions thereto, as specified by the Regional Board's Executive Officer.
3. The discharger may be required to submit technical reports as directed by the Regional Board's Executive Officer.
4. The discharger must comply with all conditions of this Board Order, including timely submittal of technical and monitoring reports as directed by the Regional Board's Executive Officer. Violations may result in enforcement action, including Regional Board or court orders requiring corrective action or imposing civil monetary liability, or in revision or rescission of this Board Order.
5. A copy of this Board Order shall be kept at the discharge facility for reference by operating personnel. Key operating personnel shall be familiar with its contents.
6. The Board will review this Board Order periodically and may revise requirements when necessary.
7. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the wastewater treatment and disposal area.
8. The discharger shall allow the Regional Board's Executive Officer, or his/her authorized representative, upon the presentation of credential and other documents as may be required by law, to:
 - a. Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or facilities where records must be kept under the conditions of this Board Order.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Board Order. Inspect and sample or monitor, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order.
9. The discharger shall allow the Regional Board's Executive Officer, or his/her authorized representative, to sample or monitor influent, effluent, and sludge for the purposes of determining compliance with this Board Order and other applicable requirements.

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 March 31, 1993.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 93-015
FOR
RIVERSIDE COUNTY AVIATION DIVISION
THERMAL AIRPORT
SEWAGE DISPOSAL BASINS
West of Thermal - Riverside County

Location of Discharge: Portion of NW 1/4, SW 1/4 of Section 21, T6S, R8E, SBB&M

MONITORING

1. The discharger shall submit the following information in an annual status report:
 - a. Estimate total maximum daily flow (gpd) of sewage discharged to basins.
 - b. List any proposed changes during the coming year.
 - c. Explain any problems in the sewage treatment and disposal system during the preceding year.
2. One of the oxidation basins shall be sampled quarterly during March, June, September and December. The samples shall be analyzed for the following:

<u>Parameters and Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Reporting Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Quarterly
Volatile Organics	µg/L ²	Grab	Annually ³
Nitrate as N	mg/L	Grab	Quarterly
Total Nitrogen	mg/L	Grab	Quarterly

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

¹ mg/L - Milligram per Liter

² µg/l - Microgram per Liter

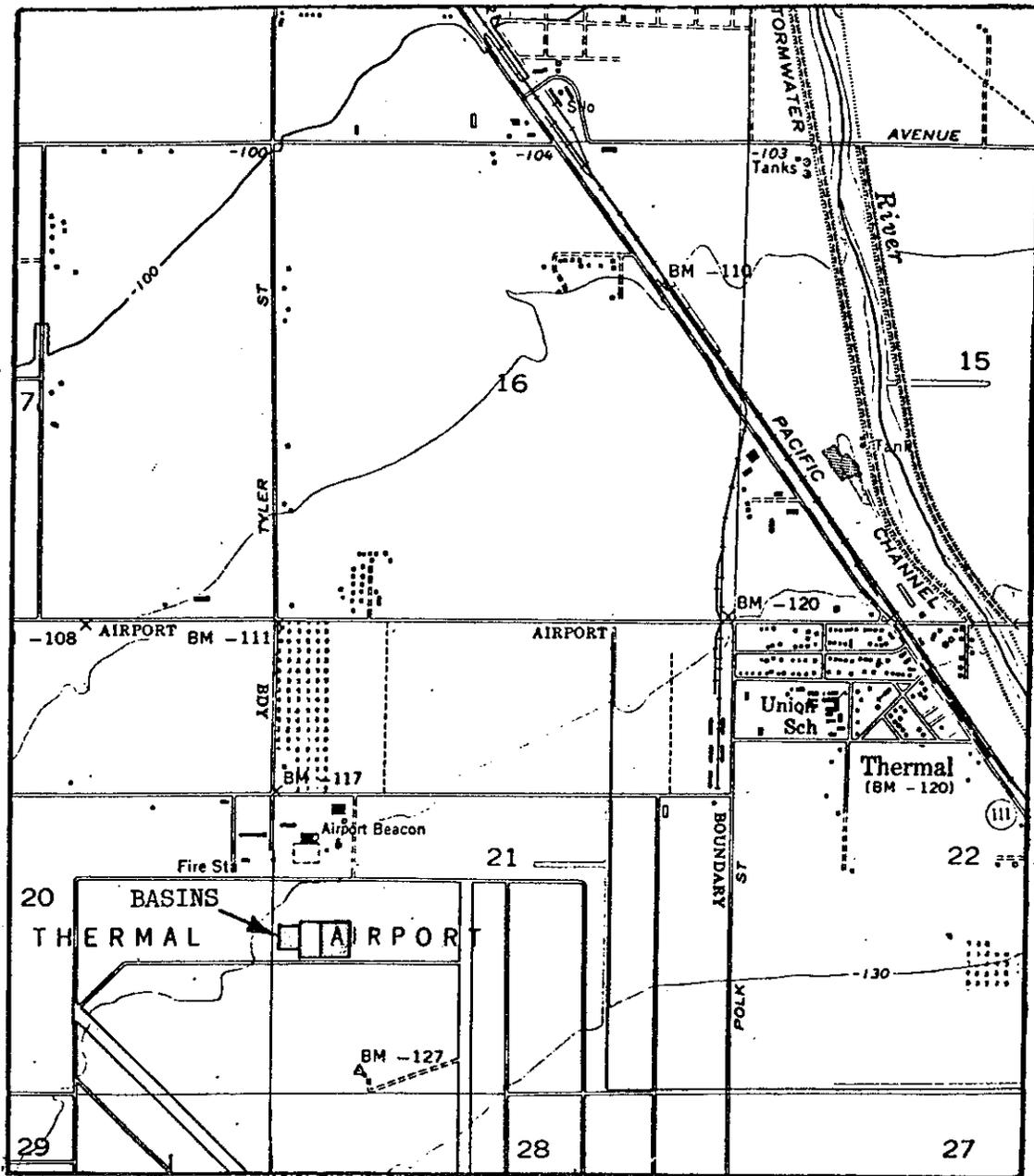
³ Annual samples shall be collected during November

REPORTING

1. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.
2. Annual reports shall be submitted to the Regional Board by January 15 of each year.
3. The discharger shall arrange the data in tabular form so that the date, the constituents, and other specified information are readily discernible. The data shall be summarized in such manner as to clearly illustrate the facilities are operating in compliance with waste discharge requirements.
4. Monitoring reports shall be certified, under penalty of perjury, to be true and correct, and shall contain the required information at the frequency designated in this monitoring program.
5. Report immediately any failure of the sewerage system by telephone and followup by letter.
6. Submit reports to:

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

Philip A. Greenberg
Executive Officer
March 31, 1993
Date



SITE MAP

RIVERSIDE COUNTY AVIATION DIVISION
THERMAL AIRPORT
SEWAGE DISPOSAL BASINS
West of Thermal - Riverside County
Portion of NW 1/4, SW 1/4 of Section 21, T6S, R8E, SBB&M
USGS Indio 7.5 min. Topographic Map

Order No. 93-015