

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

ORDER NO. 00-094

**WASTE DISCHARGE REQUIREMENTS
FOR
SALTON COMMUNITY SERVICES DISTRICT, OWNER/OPERATOR
SALTON CITY WASTEWATER TREATMENT PLANT
Salton City - Imperial County**

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

1. On June 1, 2000, Salton Community Services District (hereinafter referred to as the discharger), mailing address P.O. Box 5268, 2098 Frontage Road, Salton City, California 92275-5268; submitted an application to update its Waste Discharge Requirements (WDR) for the Salton City Wastewater Treatment Plant located at 2170 Lansing Avenue, Salton City, California.
2. The discharger owns and operates a wastewater collection, treatment and disposal system, and provides a sewerage service to Salton City. The facility will accommodate a maximum flow of 0.20 million-gallons-day (MGD).
3. The treatment facility consists of six (6) unlined aeration ponds. Final disposal of the wastewater is through evaporation and percolation. The treatment ponds are located in SE ¼ of Section 21 and SW ¼ of Section 22 T10S, R10E, SBB&M.
4. The discharger has contracted the service of a private contractor to haul away the treated pond sludge. The pond sludge is then further processed by a private contractor to remove pathogens and subsequently sold as a soil amendment.
5. Data submitted by the discharger indicates that depth to ground water in the vicinity of the plant is approximately five (5) feet below ground surface. Soil borings indicate predominately clay with interbedded silty sand from 0.5 to 5 feet.
6. There are no domestic wells within 500 feet of the on-site infiltration basins described in Finding No. 3, above. According to the discharger, the groundwater in the vicinity of the treatment facility has a Total Dissolved Solids (TDS) concentration of approximately 7,000 mg/L.
7. The discharger reports that there is currently no significant industrial wastewater being discharged to the wastewater treatment facility.
8. The discharger has provided a technical report dated May 15, 2000, prepared by Earth Systems Consultants, which concluded that the original treatment capacity of 0.12 million gallons-per-day (MGD) was incorrect. The report concludes that the existing facility can treat 0.20 MGD.
9. 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 ground and surface waters in this Region.

10. The beneficial uses of ground water in the West Salton Sea Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Agricultural supply (AGR)
11. This discharge has been subject to waste discharge requirements adopted in Board Order No. 98-018.
12. Federal regulations for storm water discharges were promulgated by the U.S. Environmental Protection Agency on November 16, 1990, (40 CFR Parts 122, 123, and 124). The regulations require specific categories of facilities which discharge storm water associated with industrial activity to obtain NPDES permits and to implement Best Conventional Pollutant Technology (BCPT) to reduce or eliminate industrial storm water pollution.
13. The State Water Resources Control Board adopted Order No. 91-13-DWQ (General Permit No. CAS000001), as amended by Water Quality Order No. 92-12-DWQ, specifying waste discharge requirements for discharges of storm water associated with industrial activities, excluding construction activities, and requiring submittal of a Notice of Intent by industries to be covered under the Permit.
14. 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.).
15. 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.
16. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order No. 98-018 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. Effluent Limitations

1. The 30-day average daily dry-weather flow to the treatment ponds shall not exceed 0.20 MGD.
2. The dissolved oxygen content in the upper zone (one-foot) of wastewater ponds shall not be less than 1.0 mg/L.

B. Prohibitions

1. The direct discharge of any wastewater from the facility to any surface waters or surface drainage courses is prohibited.
2. Bypass or overflow of untreated or partially treated waste is prohibited.

3. Discharge of treated wastewater at a location or in a manner different from that described in Findings No. 2 and 3, above, is prohibited.
4. The discharger shall not accept waste in excess of the design treatment capacity of the disposal system.

C. Discharge 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. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system as described in Finding No. 2, above.
3. A minimum depth of freeboard of two (2) feet shall be maintained at all times in all ponds.
4. Adequate measures shall be taken to assure that flood or surface water drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
5. Public contact with non-disinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives. Conspicuous signs shall be posted in a prominent location in each area where non-disinfected wastewater is stored on-site. Each sign or label with the wording "Non-disinfected wastewater - No body contact or drinking" shall be displayed as well as the international warning symbol.
6. The discharge shall not cause degradation of any beneficial use of surface or ground water.
7. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the wastewater treatment and disposal area.
8. Treated or untreated sludge or similar solid waste materials shall be disposed at locations approved by the Regional Board.

D. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 00-094", and future revisions thereto, as specified by the Regional Board's Executive Officer.
2. The discharger shall install a flow meter to measure influent flow to the ponds. The influent flow meter shall be installed by January 1, 2001. Following the installation of the influent flow meter, monthly Monitoring Reports shall include the daily influent flow measurements obtained from the influent flow meter and the average daily flow calculated from the daily measurements. Annual reports on calibration records of the flow meter shall be forwarded to the Regional Board.
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. The discharger shall ensure that all site-operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
6. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
7. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
8. 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; and
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order; and
 - 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.
9. 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.
10. The discharger shall, at all times, properly operate and maintain all systems and components of treatment and control, including, but not limited to, sludge use and disposal facilities which are installed or used by the discharger to achieve compliance with the conditions of this Board Order. Proper operation and maintenance includes, but is not limited to, effective performance, adequate process controls, adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of this Board Order. All systems both in service and reserved, shall be inspected and maintained on a regular basis. Records shall be kept of the inspection results and maintenance performed and made available to the Regional Board upon demand.
11. The discharger shall report any noncompliance that may endanger human health or the environment. Information shall be provided orally within 24 hours of when the discharger becomes aware of the incident to the Regional Board office and the Office of Emergency Services. The discharger shall also leave a message on the Regional Board office voice recorder during non-business hours. A written report shall also be provided within five business days of the time the discharger becomes aware of the incident. The written report shall contain a description of the noncompliance and its cause, the period of noncompliance, the anticipated time to achieve full compliance, and the steps taken or planned, to reduce, eliminate, and prevent recurrence of the noncompliance. The discharger shall report all intentional or unintentional sewage spills in excess of 1,000 gallons occurring within the facility or collection system to the Regional Board office in accordance with the above time limits.

12. 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 five (5) years from the date of the sample, measurement, report or 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 results of such analyses.
13. 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.
14. Adequate measures shall be taken to ensure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
15. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Section 3680, Chapter 4, Division 4, Title 23 of the California Code of Regulations. The discharger shall ensure that all operating personnel are familiar with the contents of this Board Order.
16. The discharger shall provide a report to the Regional Board when it determines that the plant is operating at 80 percent of the design capacity specified in Finding No. 2, above. The report should indicate what steps, if any, the discharger intends to take to provide for the expected wastewater treatment capacity necessary when the plant reaches design capacity.
17. 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.
18. 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.

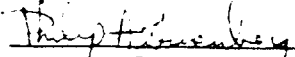
19. The discharger shall obtain prior written approval from the Regional Board specifying location and method of disposal, before disposing of Class B or lesser quality sludge, or similar solid waste materials using a method not described in Finding No. 4. In addition, the discharger shall provide the results of any sludge analyses as specified by the Regional Board's Executive Officer.
20. 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 regarding sludge use and disposal.
21. All storm water discharges from this facility must comply with the lawful requirements of municipalities, counties, drainage districts, and other local agencies, regarding discharges of storm water to storm water drain systems or other courses under their jurisdiction.
22. 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.
23. Storm water discharges from the facility shall not cause or threaten to cause pollution or contamination.
24. 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.
25. The discharger shall submit an annual report that gives the amount (in tons) and the method of all sludge disposals for the previous year. In addition, if the discharger intends to dispose of pond sludge using a method not described in Finding No. 4, then the discharger shall provide a plan as to the method, treatment, handling and disposal of sludge that is consistent with all State and Federal laws and regulations.
26. The discharger shall provide adequate notice to the Regional Board's Executive Officer of the following:
 - a. Any new introduction of pollutants into any of the treatment facilities described in the Findings of this Board Order from an indirect discharger which would be subject to Section 301 or 306 of the Clean Water Act, if it were directly discharging the pollutants.
 - b. Any substantial change in the volume or character of pollutants being introduced into any of the treatment facilities described in the Findings of this Board Order by an existing or new source.
 - c. Any planned physical alterations or additions to the facilities described in this Board Order, or changes planned in the discharger's sludge use or disposal practice, where such alterations, additions, or changes may justify the application of Board Order conditions that are different from or absent in the existing Board Order, including notification of additional disposal sites not reported during the Board Order application process, or not reported pursuant to an approved land application plan.

- d. **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.**
27. The discharger shall maintain a permanent log of all solids hauled away from the treatment facility for use/disposal elsewhere and shall provide a summary of the volume, type (screenings, grit, raw sludge, digested sludge), use (agricultural, composting, etc.), and the destination in accordance with the Monitoring and Reporting Program of this Board Order. The sludge that is stockpiled at the treatment facility shall be sampled and analyzed for those constituents listed in the sludge monitoring section of the Monitoring and Reporting Program of this Board Order and as required by Title 40, Code of Federal Regulations, Part 503. The results of the analyses should be submitted to the Regional Board as part of the Monitoring and Reporting Program.
28. 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 reissuance, 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.

E. Pretreatment

1. In the event that significant industrial wastewaters are being discharged to the wastewater treatment facility, then:
 - a. The discharger shall develop, implement, and maintain an industrial pretreatment program approved by the Regional Board's Executive Officer.
 - b. The discharger shall maintain an adequate revenue program and enforce prohibitions against any violation of the applicable pretreatment standards approved by the Regional Board's Executive Officer.
2. The discharger shall provide the Regional Board with an annual report describing the pretreatment program activities over the previous 12-month period. The report shall be transmitted to the Regional Board office no later than January 31 of each year and include:
 - a. A summary of actions taken by the discharger which ensures industrial-user compliance;
 - b. An updated list of industrial users (by SIC categories) which were issued permits, and/or enforcement orders, and a status of compliance for each user; and
 - c. The name and address of each user that received a revised discharge limit.
3. The Regional Board retains the right to take legal action against an industrial user and/or the discharger where a user fails to meet the approved applicable pretreatment standards.

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 September 13, 2000.



Executive Officer