

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

MONITORING AND REPORTING PROGRAM NO. R7-2008-0002  
FOR  
SALTON COMMUNITY SERVICES DISTRICT, OWNER/OPERATOR  
SALTON CITY WASTEWATER TREATMENT PLANT  
Salton City - Imperial County

Location of Discharge: NW ¼ of SE ¼ of Section 26, T10S, R10E, SBB&M

**I. MONITORING**

**A. Monitoring Provisions**

1. Unless otherwise approved by the Regional Water Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analysis by the State Department of Public Health. All analysis shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", (40 CFR Part 136) or equivalent methods promulgated by the United States Environmental Protection Agency (USEPA).
2. The collection, preservation and holding times of all samples shall be in accordance with USEPA approved procedures.
3. The Discharger shall furnish, under penalty or perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specification prepared by the Regional Water Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
4. Monitoring results, including noncompliance, shall be reported at intervals and in a manner specified in this Monitoring and Reporting Program.
5. 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, report or application.
  - c. Records of monitoring information shall include:
    - i. The date, exact place, and time of sampling or measurement(s).
    - ii. The individual(s) who performed the sampling or measurements.
    - iii. The date(s) analyses were performed.
    - iv. The individual(s) who performed the analysis.
    - v. The analytical techniques or methods used; and
    - vi. The results of such analysis.

## B. Monitoring Locations

The Discharger shall establish the following monitoring locations to demonstrate compliance with discharge specifications and other requirements in this Order:

**Table 1 – Monitoring Locations**

Monitoring Location Name	Monitoring Location Description	Monitoring Location Latitude	Monitoring Location Longitude
INF-001	Influent Monitoring Location	33° 16' 18" N	115° 53' 57" W
M-001	Effluent Monitoring Location		
P-001	Disposal Pond Monitoring		
S-001	Sludge Monitoring		
WS-001	Water Supply Monitoring		
GW <sup>1</sup>	Groundwater monitoring		

## C. Monitoring Requirements

### 1. Influent Monitoring

The Discharger shall comply with the following Influent Monitoring Requirements:

Parameter	Units	Type of Sample	Sample Frequency	Reporting Frequency
Flow	mgd	measurement	Daily	Monthly
BOD <sub>5</sub>	mg/L <sup>2</sup>	grab	Monthly	Monthly
TSS	mg/L	grab	Monthly	Monthly

### 2. Effluent Monitoring

The Discharger shall comply with the following Effluent Monitoring Requirements:

Parameter	Units	Type of Sample	Sample Frequency	Reporting Frequency
pH	s.u.	grab	Daily	Monthly
BOD <sub>5</sub>	mg/L	grab	Weekly	Monthly
TSS	mg/L	grab	Weekly	Monthly
TDS	mg/L	grab	Monthly	Monthly
VOCs (EPA 624)	µg/L <sup>3</sup>	grab	Annually	Annually

<sup>1</sup> Ground water monitoring locations shall be identified in the dischargers groundwater monitoring plan.

<sup>2</sup> milligrams per liter

<sup>3</sup> micrograms per liter

### 3. Sludge Monitoring

The Discharger shall comply with the following Sludge Monitoring Requirements:

Parameter	Units	Type of Sample	Sample Frequency	Reporting Frequency
Arsenic	mg/kg <sup>4</sup>	composite	Annually	Annually
Cadmium	mg/kg	composite	Annually	Annually
Copper	mg/kg	composite	Annually	Annually
Lead	mg/kg	composite	Annually	Annually
Mercury	mg/kg	composite	Annually	Annually
Molybdenum	mg/kg	composite	Annually	Annually
Nickel	mg/kg	composite	Annually	Annually
Selenium	mg/kg	composite	Annually	Annually
Zinc	mg/kg	composite	Annually	Annually
Fecal Coliform	MPN/100mL	composite	Annually	Annually

### 4. Water Supply Monitoring

The Discharger shall monitor the community water supply for the following:

Parameter	Units	Type of Sample	Sample Frequency	Reporting Frequency
Total Dissolved Solids	mg/L	grab	Monthly	Monthly

### 5. Disposal Pond Monitoring

Samples shall be collected from an established sampling station in an area that will provide a sample representative of the wastewater in each pond. Freeboard shall be measured vertically from the surface of the pond water to the lowest elevation of the surrounding berm and shall be measured to the nearest 0.1 feet. Monitoring of all effluent storage and disposal ponds shall include, at a minimum, the following:

Constituent	Units	Type of Sample	Sampling Frequency
Dissolved Oxygen <sup>1</sup>	mg/L	Grab	Weekly
pH	pH Units	Grab	Weekly
Freeboard	0.1 feet	Measurement	Weekly
Odors	--	Observation	Weekly
Levee/berm condition <sup>2</sup>	--	Observation	Weekly

<sup>1</sup> Samples shall be collected at a depth of one foot, opposite the inlet. Samples shall be collected between 0700 and 0900 hours.

<sup>2</sup> Containment levees/berms shall be observed for signs of seepage or surfacing water along the exterior toe of the levees. Preventive and/or corrective measures shall be taken and reported accordingly.

<sup>4</sup> milligrams per kilogram

**6. Depth to Groundwater**

The Discharger shall monitor groundwater in the area of the disposal ponds for the following:

<b>Parameter</b>	<b>Units</b>	<b>Type of Sample</b>	<b>Sample Frequency</b>	<b>Reporting Frequency</b>
Elevation (bgs) <sup>5</sup>	feet	measurement	Monthly	Monthly

**7. Other**

The Discharger shall provide the following information:

<b>Activity</b>	<b>Monitoring Frequency</b>	<b>Reporting Frequency</b>
Inspect and document any operation/maintenance problems by inspecting each unit process	Monthly	Monthly
Calibration log of field monitoring instruments	Weekly or prior to each use, whichever is less frequent	Monthly

**II. REPORTING**

**A. Reporting Requirements**

1. The Discharger shall submit a quarterly summary report describing the extent of groundwater mounding, groundwater flow direction and flow velocity for a period of five years or until such time as no longer deemed necessary by the Regional Water Board's Executive Officer.
2. 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.
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 Water Board indicating that there has been no activity during the required reporting period.
4. The results of any analysis performed more frequently than required using test procedures and locations specified in this Monitoring and Reporting Program shall be reported to the Regional Board.
5. 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 report.

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<sup>5</sup> below ground surface

6. 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".

7. 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.

7. Reporting of any failure in the waste disposal system shall be as described in the Provision of this Board Order.

8. Monthly reports shall be submitted to the Regional Water Board by the **15<sup>th</sup> day of the following month following the end of each calendar month**. Quarterly reports shall be submitted to the Regional Water Board by the **15<sup>th</sup> day of the following month following the end of each calendar quarter (i.e., by January 15, April 15, July 15, and October 15)**. Annual reports shall be submitted to the Regional Water Board by **January 15**.

9. Submit monitoring reports to:

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

Ordered by: 

ROBERT PERDUE  
Executive Officer

June 25, 2008  
Date