

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

**MONITORING AND REPORTING PROGRAM NO. R3-2010-0001
FOR
CITY OF SANTA MARIA WASTEWATER FACILITY
SANTA BARBARA COUNTY**

Reporting responsibilities are specified in Sections 13225(a), 13267(b), 13383, and 13387(b) of the California Water Code. This Discharge Monitoring Program is issued in accordance with Provision G.2 of Central Coast Water Board Order No. R3-2010-0001.

Influent Monitoring

Representative samples of the treatment plant influent shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Sampling & Analysis Frequency
Flow Volume	MGD	Metered	Daily
Maximum Daily Flow	MGD	Metered	Monthly
Mean Daily Flow	MGD	Calculated	Monthly
Biochemical Oxygen Demand (5-day)	mg/L	24-hr composite	Monthly
Total Suspended Solids	mg/L	24-hr composite	Monthly
Total Nitrogen (as N) (all forms identified)	mg/L	24-hr composite	Quarterly

Effluent Monitoring

Representative samples of the effluent discharged to the evaporation/percolation ponds shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Sampling & Analysis Frequency
Settleable solids	mL/L	Grab	Daily
Biochemical Oxygen Demand (5-day)	mg/L	24-hr composite	Weekly
Total Suspended solids	mg/L	24-hr composite	Weekly
pH	pH units	Grab	Weekly
Freeboard in all ponds	Feet	Measure	Weekly
Total Dissolved Solids	mg/L	24-hr composite	Quarterly
Sodium	mg/L	24-hr composite	Quarterly
Chloride	mg/L	24-hr composite	Quarterly
Boron	mg/L	Grab	Quarterly
Sulfate	mg/L	Grab	Quarterly
Total Nitrogen (as N) (all forms identified)	mg/L	Grab	Quarterly

Groundwater Monitoring

Representative samples of groundwater from wells located up-gradient and down-gradient from the discharge area shall be monitored for the following constituents:

Parameter	Units	Type of Sample	Sampling & Analysis Frequency
Depth to Groundwater	Feet	Measured	Quarterly
Total Nitrogen (as N) (all forms identified)	mg/L	Grab	Quarterly
Sodium	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
Sulfate	mg/L	Grab	Quarterly
Boron	mg/L	Grab	Quarterly

At the Discharger's request, the Central Coast Water Board Executive Officer may approve participation in a basin-wide salt/nutrients management plan implemented under the provisions of State Water Board Resolution No. 2009-0011 (Recycled Water Policy) in lieu of the groundwater monitoring described above.

Biosolids Monitoring

The following information shall be submitted with the Annual Report (due January 30th). If no biosolids are removed from the facility during the reporting period (the year), then the Discharger shall include such statement in the Annual Report.

- a. Volume of biosolids removed and disposal and/or reuse destination. Order or permit number (if applicable) for the biosolids destination shall also be provided.
- b. Representative sample of biosolids removed from the drying beds shall be analyzed for the following parameters: Arsenic, Cadmium, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Zinc, Total Nitrogen, and % solids.
- c. Biosolids shall be identified as Class A or Class B (in accordance with criteria specified at 40CFR 503). The basis for classification shall also be described.
- d. Pathogen reduction and vector attraction reduction achievement methods shall be described in adequate detail to demonstrate compliance with 40CFR 503.32.

Effluent Salt & Nutrient Management Program Reporting

The Discharger shall report the status of its efforts to reduce effluent salts and nutrients in its Annual Report. The status reports shall include detailed descriptions of all measures implemented by the Discharger according to Salt & Nutrient Management Program requirements specified in section D of this Order.

Reporting


Monthly self-monitoring reports shall be submitted by the last day of the month following the monitoring period, and shall summarize the results of all monitoring performed during that period. The Discharger shall electronically submit Self-Monitoring Reports (SMRs) using the State Water Board's California Integrated Water Quality System (CIWQS) Program Web site (<http://www.waterboards.ca.gov/ciwqs/index.html>). In the event there will be service interruption for electronic submittal, the Discharger shall submit self-monitoring reports electronically to

centralcoast@waterboards.ca.gov. Additionally, an Annual Report shall be submitted by January 30th and shall include:

- a. Tabular and graphical summaries of the monitoring data obtained during the preceding year. Duplicate copies of monthly reports are not necessary and do not fulfill requirements for "summaries".
- b. A discussion of any and all incidents of non-compliance and corrective actions taken to ensure compliance is restored.
- c. List of facility staff and corresponding certification levels.
- d. Summary of biosolids monitoring, as described above.
- e. Summary of collection system management plans, or reference report submitted under separate cover as required by this or separate sanitary sewer requirements.
- f. Summary of salts and nutrient management program implementation.
- g. Summary of mercury handling plan implementation.

Results of Ground Water Monitoring shall also be submitted to the County of Santa Barbara Environmental Health Services office in Santa Barbara.

ORDERED BY:


Roger W. Briggs, Executive Officer

17 Feb 2010

Date