

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 94-152, REVISION 1

FOR
CITY OF SUTTER CREEK
WASTEWATER TREATMENT FACILITY
AMADOR COUNTY

This Revised Monitoring and Reporting Program (“MRP”) presents requirements for monitoring influent, effluent, and storage pond wastewater. This Revised MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer. Section 13267 of the California Water Code states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Section 13268 of the California Water Code states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying and information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b). (b)(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

The Discharger owns and operates the facility that is subject to Waste Discharge Requirements (WDRs) Order No. 94-152. The monitoring reports are necessary to ensure that the Discharger complies with the WDRs.

Representative Samples

All samples shall be representative of the volume and nature of the discharge. The time of collection, date, monitoring result, and location for each sample shall be recorded. Samples for laboratory analysis shall be transmitted under chain of custody to the laboratory.

Field Instruments

Field testing instruments and equipment may be used provided that:

1. The operator is trained in proper use, calibration, and maintenance of the instruments;
2. The instruments are field calibrated prior to each monitoring event;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of this MRP.

INFLUENT MONITORING

Influent flow and influent biological oxygen demand (BOD) samples shall be collected at the headworks prior to treatment. Flow-proportional samples for BOD will be considered to be representative of the influent. Influent monitoring shall include, at a minimum, the following:

Influent Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Influent flow	MGD	Meter Reading	Daily	Monthly
BOD ₅ ¹	mg/L	flow-proportional	Weekly	Monthly

¹ 5-day biochemical oxygen demand

EFFLUENT MONITORING

Effluent samples shall be representative of the treated water and the volume and nature of the discharge, and shall be collected just prior to discharge to the Amador Regional Sanitation Authority (ARSA) system. Grab samples will be considered representative. The following shall constitute the effluent monitoring program:

Effluent Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Effluent Flow	MGD	Meter Reading	Daily	Monthly
Total Coliform Organisms ¹	MPN ² /100 ml	Grab	Monthly	Monthly
Total Suspended Solids	mg/L	Grab	Monthly	Monthly

Effluent Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
BOD ₅ ³	mg/L	Grab	Monthly	Monthly
Total Nitrogen	mg/L	Grab	Monthly	Monthly
Settleable Matter	ml/L	Grab	Monthly	Monthly
pH	SU	Grab	Monthly	Monthly
Total Dissolved Solids	mg/L	Grab	Monthly	Monthly

1. Using a minimum of 15 tubes or three dilutions
2. Most Probably Number
3. 5-day biochemical oxygen demand

POND MONITORING

Samples of the emergency storage pond shall be collected from an established sampling station located in an area that will provide a sample representative of the contents. If the pond is dry, this must be recorded. 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 the emergency storage pond shall include, at a minimum, the following:

Pond Monitoring Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Freeboard	0.1-ft	Measurement	Weekly	Monthly
Dissolved Oxygen ¹	mg/l	Grab	Weekly	Monthly
pH	SU	Grab	Weekly	Monthly
Standard Observations ²	—	Observation	Weekly	Monthly

1. Dissolved oxygen samples shall be collected at a depth of one foot, opposite the inlet to the pond
2. Standard Observations shall include monitoring and recording each of the following: presence/absence of odors, weeds, algae, vegetation, debris; evidence of small coves and irregularities; and condition of the berm, including documenting any erosion, burrowing animals, and signs of seepage or surfacing water along the exterior toe of the berms.

REPORTING

In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, influent, and pond), the constituents, and the concentrations are readily discernible. All data, including any field and laboratory analytical results, shall be tabulated and summarized to clearly illustrate whether the results comply with the waste discharge requirements. The results of any monitoring done more frequently than required at the locations specified in this MRP shall be reported in the next scheduled monitoring report.

A. Monthly Monitoring Reports

Daily, weekly, and quarterly monitoring data shall be reported in the monthly monitoring reports. Monthly monitoring reports shall be submitted to the Regional Board by the **1st day of the second month** following the end of the reporting period (i.e. the January monthly report is due by 1 March). At a minimum, the reports shall include:

1. Tabulated results of the influent, effluent, and pond monitoring;
2. Total influent flow for the month;
3. Monthly average daily influent flow;
4. Cumulative total influent flow into the WWTF from 1 January to the end of the monitoring period;
5. A comparison of monitoring data to the discharge specifications, including the effluent limits;
6. An explanation of any violations of the discharge specifications, including the effluent limits;
7. Copies of current calibration logs for all field test instruments/equipment; and
8. If requested by staff, copies of laboratory analytical report(s).

B. Annual Monitoring Reports

An Annual Report shall be submitted to the Central Valley Water Board by **1 February** of each year. The Annual Report shall include the following:

1. Tabular summaries of all data collected during the year, with data arranged to verify whether the plant was in compliance with the WDRs.
2. The average dry weather influent flow for the year, a comparison of the average dry weather flow to the Discharge Specifications, and a detailed explanation of significant differences, if any.
3. A digital file (e.g., Microsoft Excel) containing the historic effluent data.
4. A summary of solids disposal practices for the year, including tabulation of all solids disposal monitoring data.
5. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the WDRs.
6. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
7. A forecast of influent flows, as described in Standard Provision No. E.4.

8. A copy of the influent flow meter annual calibration record, as described in Standard Provision C.3.
9. A copy of the certification for each certified wastewater treatment plant operator working at the facility and a statement about whether the Discharger is in compliance with Title 23, CCR, Division 3, Chapter 26.

C. Transmittal Letter

A letter transmitting the self-monitoring reports shall accompany each report. The letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain a statement by the Discharger, or the Discharger's authorized agent, under penalty of perjury, that to the best of the signer's knowledge the report is true, accurate and complete.

The Discharger shall implement the above monitoring program beginning **1 August 2013**.

Ordered by: _____ Original signed by _____
PAMELA C. CREEDON, Executive Officer
17 July 2013

(Date)