

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2011-XXXX
FOR
MASTER RECLAMATION PERMIT
TEHACHAPI-CUMMINGS COUNTY WATER DISTRICT
TEHACHAPI-CUMMINGS RECYCLING SYSTEM
KERN COUNTY

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code section 13267. The Tehachapi-Cummings County Water District ([hereafter District or Distributor](#)) shall not implement any changes to this MRP unless and until the Regional Water Board or Executive Officer issues a revised MRP. Changes to sample locations shall be established with concurrence of Regional Water Board staff, and a description of the revised stations shall be submitted for approval by the Executive Officer. All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The time, date, and location of each sample shall be recorded on the sample chain of custody form.

All analyses shall be performed in accordance with the latest edition of *Guidelines Establishing Test Procedures for Analysis of Pollutants*, promulgated by USEPA (40 CFR 136) or other procedures approved by the Central Valley Regional Water Quality Control Board. In reporting monitoring data, the District shall indicate whether any analysis was performed using a method not in conformance with USEPA's Guidelines.

RECLAMATION AREA MONITORING

Reclamation Area monitoring shall be conducted daily (for the lands to which disinfected tertiary treated water was applied that day) and the results reported in monitoring reports. Recycled water monitoring results shall be used in calculations to ascertain loading rates. Reclamation Areas shall be identified and monitored to include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow	gallons	Continuous	Daily
Rainfall	inches	Observation	Daily
Acreage applied ¹	acres	Calculated	Daily
Water application rate ²	gal/acre/day	Calculated	Daily
Total Nitrogen loading rate ²	lbs/acre/month	Calculated	Monthly
Salt loading rate ^{2,3}	lbs/acre/month	Calculated	Monthly

¹ Individual land application areas will be identified.

² For each land application area.

³ Salt loading rate shall be calculated using the applied volume of wastewater, actual application area, and the most recent results for effluent TDS.

At least once per month, the entire irrigated area shall be inspected by the District and/or it's Users to identify any equipment malfunction or other circumstances that might allow irrigation

runoff to leave the Reclamation Area and/or create ponding conditions that violate Master Reclamation Permit Order [R5-2011-XXXX](#). A log of these inspections shall be included in the annual monitoring reports. The log should include the following information:

1. Date of inspection;
2. A description of any violations noted;
3. Records of operational problems (if any);
4. Corrective or preventative measures taken to comply with WDRs; and
5. A description of enforcement actions taken (if any), including any schedule for achieving compliance.

REPORTING

The District and/or Users shall report monitoring data and information for a given year as required in this MRP on an annual basis and will submit the annual report no later than 1 February of the following year.

Monitoring data and/or discussions submitted concerning the Tehachapi-Cummings Recycling System must be signed and certified by either a principal executive officer or ranking elected or appointed official. When reports contain laboratory analyses performed by the District and the principal executive or equivalent is not in the direct line of supervision of the laboratory, reports must also be signed and certified by the chief of the laboratory.

In reporting monitoring data, the District and/or User shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner that illustrates clearly, whether the District complies with waste discharge requirements. If the District or its Users monitors any pollutant at the locations designated herein more frequently than is required by this Order, the results of such monitoring shall be included in the discharge monitoring report.

Annual Report

Beginning on the 1st February of each year, the District shall submit an annual report containing the following items;

1. Names, certificates grades, and general responsibilities of all persons involved in the water recycling operation;
2. Names and telephone numbers of persons to contact regarding the use of recycled water during emergency and routine situations;
3. Statement certifying when the flow meter and other monitoring instruments and devices were last calibrated, including identification of who performed the calibrations
4. Tabular summary all recycled water operations for the previous year including annual nutrient and hydraulic loading to individual land application areas; and

5. A summary and discussion of the compliance record for the reporting period. If violations have occurred, the report shall also discuss the corrective actions taken and planned to bring the discharge into full compliance with this Order.

All reports submitted in response to this Order shall comply with the signatory requirements in Standard Provision B.3.

A transmittal letter shall accompany each self-monitoring report. The letter shall discuss any violations during the reporting period and all actions taken or planned for correcting violations, such as operation or facility modifications. If the District 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 District shall implement the above monitoring program on the first day of the month following adoption of this Order.

Ordered by: _____
PAMELA C. CREEDON, Executive Officer

(Date)