

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2000-32

FOR

CITY OF YREKA AND E.C. FIOCK AND SONS
BIOSOLIDS DISPOSAL FACILITY

Siskiyou County

SLUDGE DISPOSAL MONITORING

Sludge Monitoring

Prior to applying sludge to application site, the discharger shall obtain a representative number of soil samples from the site to determine background soil pH and concentrations of those metals listed in Section B.5.c of this Order.

Once per year, prior to land application of the sludge, a representative composite sample of dewatered sludge shall be obtained and analyzed for the following:

Ammonia Nitrogen	Total Phosphorous
Nitrate Nitrogen	Ortho Phosphorous
Organic Nitrogen	Percent Solids

An aliquot of the annual sample shall be analyzed, using EPA 8010 Methodology, for the metals listed in Section B. 5.c. of this Order.

Sludge Disposal Area Monitoring

At individual application areas, once every fifth year of usage, representative soil samples from the application area shall be obtained and analyzed for the metals listed in Section B.5.c. of this Order.

Reporting

Annually, by January 15 of each year, the discharger shall provide a report to the Regional Water Board regarding the previous year's sludge application activities, including, but not limited to the following:

1. The quantity of sludge produced at the POTW and volume disposed.
2. The specific location of the disposal area and map of soil types within the application site.
3. Determination of agronomic nitrogen and phosphorous needs, accounting for all nutrient sources and crop type, and calculation of maximum sludge loading rate.
4. The amount of sludge and nitrogen applied in pounds per acre.

5. Analysis of soil pH prior to sludge disposal.
6. Current-year metals loading and cumulative metals loading for the application site.

Monitoring reports shall contain all monitoring results that were obtained during the month for which the report is prepared. In reporting the monitoring data, the discharger 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 to illustrate clearly the compliance with Waste Discharge Requirements. Narrative reporting, including any statements of noncompliance, inspection, and maintenance statements, or any statements of corrective action shall be in letter form and signed by the responsible official of the discharger.

Ordered by _____

Lee A. Michlin
Executive Officer

April 27, 2000

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