

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401**

MONITORING AND REPORTING PROGRAM ORDER NO. R3-2004-054

[Waste Discharger Identification No. 270302001]
Proposed for Consideration at the May 14, 2004 Meeting

For

**MONTEREY COUNTY PARKS DEPARTMENT
LAKE SAN ANTONIO RECREATION AREA
NORTH SHORE WASTEWATER FACILITIES
MONTEREY COUNTY**

Reporting responsibilities are specified in Sections 13225(a), 13267(b), 13383, and 13387(b) of the California Water Code. This Monitoring and Reporting Program is issued in accordance with Provision D.2. of Regional Board Order No. R3-2004-054.

Water Supply Monitoring

Representative samples of the community water supply shall be collected and analyzed for the constituents and at the frequency specified below:

Parameter/Constituent	Units	Sample Type	Sampling Frequency
General Minerals*	mg/l	Grab	Annually

* General Mineral analyses shall include the following constituents: Calcium, Magnesium, Sodium, Sulfate, Carbonate, Bi-Carbonate, Chloride, Total Hardness, Total Alkalinity, Total Dissolved Solids, pH, Electrical Conductivity, Boron, Iron, and Nitrate (as N). Sampling results for the Department of Health Services may be submitted to satisfy this requirement.

Influent Monitoring

Wastewater entering wastewater ponds shall be collected and analyzed for the following:

Parameter/Constituent	Units	Sample Type	Sampling Frequency
Flow Volume	Gallons	Metered	Daily
Maximum Daily Flow	Gallons	Metered	Monthly
Mean Daily Flow	Gallons	Calculated	Monthly
BOD ₅	mg/l	Grab	August and February
Total Suspended Solids	mg/l	Grab	August and February
Settleable Solids	ml/l	Grab	August and February
pH	Units	Grab	August and February

Pond Monitoring

- Freeboard measurements relative to the lowest crest elevation of each pond shall be taken and recorded for each pond the first working day of each month.
- Representative samples of wastewater from the final treatment ponds shall be collected and analyzed as follows:

Constituent	Units	Sample Type	Minimum Sampling and Analyzing Frequency
BOD ₅	mg/l	Grab	Monthly during use
Total Suspended Solids	mg/l	Grab	Monthly during use
Settleable Solids	ml/l	Grab	Monthly during use
Aluminum	mg/l	Grab	Once every 5 years (August)
Antimony	mg/l	Grab	Once every 5 years (August)
Arsenic	mg/l	Grab	Once every 5 years (August)
Barium	mg/l	Grab	Once every 5 years (August)
Beryllium	mg/l	Grab	Once every 5 years (August)
Cadmium	mg/l	Grab	Once every 5 years (August)
Chromium	mg/l	Grab	Once every 5 years (August)
Copper	mg/l	Grab	Once every 5 years (August)
Cyanide	mg/l	Grab	Once every 5 years (August)
Flouride	mg/l	Grab	Once every 5 years (August)
Lead	mg/l	Grab	Once every 5 years (August)
Mercury	mg/l	Grab	Once every 5 years (August)
Nickel	mg/l	Grab	Once every 5 years (August)
Selenium	mg/l	Grab	Once every 5 years (August)
Thalium	mg/l	Grab	Once every 5 years (August)
Zinc	mg/l	Grab	Once every 5 years (August)
PCBs	mg/l	Grab	Once every 5 years (August)
Pesticides	mg/l	Grab	Once every 5 years (August)

A summary of observations and other information shall be submitted with Semiannual monitoring reports.

Biosolids Monitoring

A summary of estimated volumes of biosolid waste removed and disposal areas shall be made and submitted with the annual reports.

The Discharger shall submit a summary of activities regarding solids handling with each quarterly monitoring report. Prior to biosolid removal or change in disposal practices (location, process, frequency), the Discharger shall submit all disposal information to the Executive Officer for approval. Representative samples of the biosolids to be disposed shall be collected and analyzed for the constituents and at the frequencies specified below:

Parameter/Constituent *	Units	Sample Type	Sampling Frequency **
Quantity	Tons or yds ³	Measured during removal	Each load
Moisture Content	%	Grab	Prior to transport/disposal
Nitrate (as N)	mg/kg	Grab	Prior to transport/disposal
Total Phosphorus	mg/kg	Grab	Prior to transport/disposal
pH	pH units	Grab	Prior to transport/disposal
Grease & Oil	mg/kg	Grab	Prior to transport/disposal
Arsenic	mg/kg	Grab	Prior to transport/disposal
Antimony	mg/kg	Grab	Prior to transport/disposal
Barium	mg/kg	Grab	Prior to transport/disposal
Beryllium	mg/kg	Grab	Prior to transport/disposal
Boron	mg/kg	Grab	Prior to transport/disposal
Cadmium	mg/kg	Grab	Prior to transport/disposal
Cobalt	mg/kg	Grab	Prior to transport/disposal
Copper	mg/kg	Grab	Prior to transport/disposal
Chromium, VI & Total	mg/kg	Grab	Prior to transport/disposal
Lead	mg/kg	Grab	Prior to transport/disposal
Mercury	mg/kg	Grab	Prior to transport/disposal
Molybdenum	mg/kg	Grab	Prior to transport/disposal
Nickel	mg/kg	Grab	Prior to transport/disposal
Selenium	mg/kg	Grab	Prior to transport/disposal
Silver	mg/kg	Grab	Prior to transport/disposal
Thallium	mg/kg	Grab	Prior to transport/disposal
Tin	mg/kg	Grab	Prior to transport/disposal
Vanadium	mg/kg	Grab	Prior to transport/disposal
Zinc	mg/kg	Grab	Prior to transport/disposal
Pesticides	mg/kg	Grab	Prior to transport/disposal***
Organic Lead	mg/kg	Grab	Prior to transport/disposal***
PCBs	mg/kg	Grab	Prior to transport/disposal***

* Characterization required by disposal facility may be submitted in place of this list.

** If no need for sludge/biosolids removal occurs during a given year, the Discharger will have no obligation for biosolids monitoring. Reporting in this case shall explain the absence of this monitoring.

*** At least once every 5 years prior to transport or disposal.

Reporting

Semiannual reports shall be submitted to the Regional Board by September 30th and March 30th . The reports shall contain all data collected or calculated and all observations made during the reporting period and a narrative summary of any exceptions to the requirements of Waste Discharge Requirements Order R3-2004-054. Copies of all reports shall be sent to the Monterey County Department of Environmental Health.

ORDERED BY _____
Executive Officer

Date

TJK

Task:121-01

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