

STATE OF CALIFORNIA
 CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 CENTRAL COAST REGION
 895 Aerovista Place, Suite 101
 San Luis Obispo, CA 93401-7906

MONITORING AND REPORTING PROGRAM NO. R3-2007-0029
 Waste Discharger # 3 400115001

For
 TEMPLETON COMMUNITY SERVICES DISTRICT
 MEADOWBROOK WASTEWATER FACILITIES
 San Luis Obispo County

WATER SUPPLY MONITORING

Representative samples of the water supply shall be collected and analyzed as follows[#]:

Constituent	Units	Type of Sample	Sampling and Analyzing Frequency
Total Dissolved Solids	mg/L	Grab	Semi-Annually (Apr & Oct)
Sodium	mg/L	Grab	Semi-Annually (Apr & Oct)
Chloride	mg/L	Grab	Semi-Annually (Apr & Oct)

[#]Title 22 Consumer Confidence Report data may be used for water supply monitoring

INFLUENT MONITORING

Samples of wastewater treatment plant influent shall be collected at the plant headworks and analyzed as follows:

Constituent	Units	Type of Sample	Sampling and Analyzing Frequency
Daily Flow	MG	Metered	Daily
Maximum Daily Flow	MGD	Metered	Monthly
Mean Daily Flow	MGD	Calculated	Monthly
BOD, 5-day	mg/L	Grab	Monthly
Total Dissolved Solids	mg/L	Grab	Semi-Annually (Apr & Oct)
Sodium	mg/L	Grab	Semi-Annually (Apr & Oct)
Chloride	mg/L	Grab	Semi-Annually (Apr & Oct)

POND MONITORING

Representative samples of the treatment and holding ponds shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Sampling and Analyzing Frequency
Dissolved oxygen	mg/L	Grab 1 foot below surface	Weekly
Solids Inventory	depth in feet	measured	Annually in treatment ponds

EFFLUENT MONITORING

A record shall be maintained and submitted with the monitoring reports which lists the dates, quantity of flow, and disposal locations of the effluent.

Samples of the discharge from the treatment ponds to the percolation beds and/or spray field shall be collected and analyzed as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling and Analyzing Frequency</u>
* BOD, 5-day	mg/L	Grab	Weekly
* Total Suspended Solids	mg/L	Grab	Weekly
* Settleable Solids	ml/L	Grab	Daily
* pH	units	Grab	Monthly
**Total Dissolved Solids	mg/L	Grab	Semi-Annually (Apr & Oct)
**Sodium	mg/L	Grab	Semi-Annually (Apr & Oct)
**Chloride	mg/L	Grab	Semi-Annually (Apr & Oct)
**Total Nitrogen (as N)	mg/L	Grab	Semi-Annually (Apr & Oct)
Heavy Metals (title 22)	mg/L	Grab	Annually (Oct)

* In the event there is no discharge from the treatment/holding ponds, a statement to that effect may be submitted in lieu of sampling for this constituent.

** In the event there is no discharge from the treatment/holding ponds, samples shall be collected from the last holding pond prior to discharge.

GROUND WATER MONITORING

Ground water samples shall be collected from representative upgradient and downgradient monitoring wells and piezometer, and analyzed as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling and Analyzing Frequency</u>
TDS	mg/L	Grab	Semi-Annually (Apr & Oct)
Sodium	mg/L	Grab	Semi-Annually (Apr & Oct)
Chloride	mg/L	Grab	Semi-Annually (Apr & Oct)
Nitrate as (N)	mg/L	Grab	Semi-Annually (Apr & Oct)
Heavy Metals (title 22)	mg/L	Grab	Annually (Oct)
Depth to Ground Water #	feet below perc bed	bottom Measured	Weekly when using Selby Site percolation beds

Depth to ground water shall be measured from piezometer/monitoring wells designed to reveal the depth to ground water beneath the percolation beds. When depth to ground water is less than 8 feet, discharge to the percolation beds must cease.

SPRAY DISPOSAL AREA MONITORING

The spray disposal area must be inspected daily for proper sprinkler operation, runoff, erosion, saturated surface areas, and odors. Evidence of any condition of this nature shall be reported to the Executive Officer within 24 hours of knowing of such conditions, and promptly investigated and remedied. A record shall be kept of dates and nature of observations and remedies. A summary of any problems found at the spray disposal area and corrective actions taken, shall be included in each monitoring report.

SLUDGE MONITORING

A. The following information shall be submitted with the Annual Report as required by the Standard Provisions:

- 1) Annual sludge production in dry tons and percent solids.
- 2) A schematic diagram showing sludge handling facilities (e.g., digesters, lagoons, drying beds, incinerators) and a solids flow diagram.
- 3) If appropriate, a narrative description of sludge dewatering and other treatment processes, including process parameters. If drying beds are used, report depth of application and drying time. If composting is used, report the temperature achieved and duration.
- 4) A description of disposal methods, including the following information related to the disposal methods used at the facility. If more than one method is used, include the percentage of annual sludge production disposed by each method.
 - a) For landfill disposal include: 1) the Regional Board's WDR numbers that regulate the landfills used, 2) the present classifications of the landfills used, and 3) the names and locations of the facilities receiving sludge.
 - b) For land application, include 1) the location of the site(s), 2) the Regional Board's WDR numbers that regulate the site(s), 3) the application rate in lbs/acre/year (specify wet or dry), and 4) subsequent uses of the land.

B. A representative sample of residual solids (sludge) as obtained from the last point in the handling process (i.e., in the drying beds just prior to removal) shall be analyzed for the following constituents at the frequencies listed below. The sample shall be documented to show it is representative of sludge from the facility. All constituents shall be analyzed for total concentrations for comparison with TTLC criteria. The Waste Extraction Test shall be performed on any constituent when the total concentration of the waste exceeds ten times the STLC limit for that substance.

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Quantity	Tons or yds ³	measured during removal	Location of Disposal
Moisture Content	%	Grab	2 months prior to disposal
Total Kjeldahl Nitrogen	mg/kg	Grab	2 months prior to disposal
Ammonia (as N)	mg/kg	Grab	2 months prior to disposal
Nitrate (as N)	mg/kg	Grab	2 months prior to disposal
Total Phosphorus	mg/kg	Grab	2 months prior to disposal
pH	pH units	Grab	2 months prior to disposal
Grease & Oil	mg/kg	Grab	2 months prior to disposal
Arsenic	mg/kg	Grab	2 months prior to disposal
Boron	mg/kg	Grab	2 months prior to disposal
Cadmium	mg/kg	Grab	2 months prior to disposal
Copper	mg/kg	Grab	2 months prior to disposal
Chromium	mg/kg	Grab	2 months prior to disposal
Lead	mg/kg	Grab	2 months prior to disposal
Mercury	mg/kg	Grab	2 months prior to disposal
Molybdenum	mg/kg	Grab	2 months prior to disposal
Nickel	mg/kg	Grab	2 months prior to disposal
Selenium	mg/kg	Grab	2 months prior to disposal
Zinc	mg/kg	Grab	2 months prior to disposal

Note on detection limits: When the effluent limit is below the detection limit, compliance determinations based on analysis of a single sample shall only be undertaken if the concentration of the constituent of concern in the sample is greater than or equal to the detection limit.

REPORTING

Quarterly reports shall be submitted to this office on the 30 th day of February, May, August, and November and shall contain all data collected or calculated over the previous quarter. A narrative description of all exceptions along with corrective measures taken, shall be included.

ORDERED BY: _____
Executive Officer

Date : _____