

**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. R3-2007-0008**

(Waste Discharger Identification No. 3 271001001)

FOR

**CALIFORNIA UTILITIES SERVICE
MONTEREY COUNTY**

A. WATER SUPPLY MONITORING

1. Representative samples of the water supply shall be collected and analyzed for the following:

Constituent	Units	Sample Type	Sampling Frequency
Total Dissolved Solids	mg/L	Grab	Annually - July
Sodium	mg/L	Grab	Annually - July
Chloride	mg/L	Grab	Annually - July
Sulfate	mg/L	Grab	Annually - July
Boron	mg/L	Grab	Annually - July
Nitrate (as N)	mg/L	Grab	Annually - July

B. INFLUENT MONITORING

1. Representative samples of the treatment facility influent shall be collected and analyzed for the constituents/parameters and at the frequencies specified in the following table:

Constituent/Parameter ^a	Units	Sample Type ^b	Sampling Frequency
Daily Flow Volume	gal/day	Metered	Continuous
Min Daily Flow	gal/day	Calculated	Monthly
Max Daily Flow	gal/day	Calculated	Monthly
Average Daily Flow	gal/day	Calculated	Monthly
pH	Units	Grab	Weekly
BOD ₅	mg/L	24-hour composite	Monthly
Total Suspended Solids	mg/L	24-hour composite	Monthly
Total Nitrogen (as N)	mg/L	24-hour composite	Monthly
Total Dissolved Solids	mg/L	24-hour composite	Semiannually ^c
Sodium	mg/L	24-hour composite	Semiannually ^c
Chloride	mg/L	24-hour composite	Semiannually ^c
Sulfate	mg/L	24-hour composite	Semiannually ^c
Boron	mg/L	24-hour composite	Semiannually ^c

Notes:

Item No. 14, Attachment 2
February 9, 2007 Board Meeting
California Utilities Service, Inc.

- a) Sampling for specific analytes may be reduced or discontinued after one year upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.
- b) Composite samples shall be flow weighted. 24-hour composite samples shall be collected on a Monday through Sunday rotating schedule and subsequent monthly sampling events shall be separated by at least 16 days and no greater than 30 days.
- c) Semi-annual monitoring shall be conducted in January and July.

C. EFFLUENT MONITORING

1. Representative samples of treatment facility effluent shall be collected and analyzed for the constituents/parameters and at the frequency specified below for each treatment facility until such time as the effluent streams from both facilities are combined with a common disinfection treatment unit:

Constituent/Parameter ^a	Units	Sample Type	Sampling Frequency
Daily Flow ^b	gal/day	Metered	Continuous
BOD ₅	mg/L	Grab	Weekly ^c
Total Suspended Solids	mg/L	Grab	Weekly ^c
Total Nitrogen (as N)	mg/L	Grab	Monthly ^c
Nitrate (as N)	mg/L	Grab	Monthly ^c
Ammonia (as N)	mg/L	Grab	Monthly ^c
pH	Units	Grab	Weekly ^c
Total Dissolved Solids	mg/L	Grab ^d	Semiannually ^e
Sodium	mg/L	Grab ^d	Semiannually ^e
Chloride	mg/L	Grab ^d	Semiannually ^e
Sulfate	mg/L	Grab ^d	Semiannually ^e
Boron	mg/L	Grab ^d	Semiannually ^e

Notes:

- a) Sampling shall occur immediately following the final treatment process (i.e. clarification, disinfection or dechlorination as applicable) unless noted otherwise.
- b) Flow as measured leaving the effluent storage ponds.
- c) Weekly and monthly samples shall be collected on a Monday through Sunday rotating schedule. Subsequent monthly sampling events shall be separated by at least 16 days and no greater than 30 days.
- d) Samples shall be collected from the final effluent storage pond to determine as delivered salts concentrations.
- e) Semi-annual monitoring shall be conducted in January and July.

D. GROUNDWATER MONITORING

1. Representative samples of groundwater shall be collected from monitoring wells MW-1, MW-2, MW-3, and MW-4. Samples of groundwater shall be collected and analyzed for the constituents and at the frequencies specified in the following table:

Constituent/Parameter ^{a, b, c}	Units	Sample Type	Sampling Frequency
Depth to Water	Feet	Measured	Quarterly
Total Nitrogen (as N)	mg/L	Grab	Quarterly
Nitrate (as N)	mg/L	Grab	Quarterly
Total Dissolved Solids	mg/L	Grab	Quarterly
Sodium	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
Sulfate	mg/L	Grab	Quarterly
Boron	mg/L	Grab	Quarterly

Notes:

- a) Sampling for specific analytes or from specific monitoring wells may be reduced or discontinued after one year upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.
- b) Provide well construction details for each monitoring well indicating total well depth and screen interval in depth below ground surface and elevations referenced to MSL along with the top of well casing elevation
- c) Based on review of available groundwater data the Executive Officer may request geologic and hydrogeologic documentation to ascertain whether the existing monitoring well network is sufficient to verify compliance with waste discharge requirements and whether additional monitoring wells are required.

E. EFFLUENT STORAGE POND & DISPOSAL AREA MONITORING

1. The Discharger shall visually inspect the effluent storage pond on a daily basis and record the depth and volume of stored effluent, and the volume of remaining available storage on a weekly basis.
2. The Discharger shall inspect the land application disposal area(s) no less frequently than daily during discharge events to verify and document compliance with Order No R3-2007-0008. The visual inspections shall be noted in a bound inspection logbook(s) and at a minimum shall document proper sprinkler operation, runoff, erosion, saturated surface conditions, and odors. Notations shall also be made in the logbook(s) for days on which no discharge occurred (visual inspection not required). The logbook(s) shall be made available to the Regional Board and Monterey County Department of Environmental Health upon request. A summary of observations made during land application disposal area inspections and a brief discussion of any corrective actions taken or planned shall be included with each annual monitoring report.

F. SOLIDS/BIOSOLIDS MONITORING

1. The following information shall be submitted with the Annual Report required by Standard Provision C.16:
 - a. Annual biosolids removed in dry tons and percent solids.
 - b. If appropriate, a narrative description of biosolids dewatering and other treatment processes, including process parameters. For example, if drying beds are used, report depth of application and drying time. If composting is used, report the temperature achieved and duration.
 - c. A description of disposal methods, including the following information as applicable related to the disposal methods used at the facility. If more than one method is used, include the percentage and tonnage of annual biosolids production disposed by each method.

- i. For landfill disposal include: 1) the Regional Board 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 biosolids.
- ii. 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.
- iii. For offsite application by a licensed hauler and composter include: 1) the name, address and USEPA license number of the hauler and composter.
- d. Copies of analytical data required by other agencies (i.e. USEPA or County Health Department) and licensed disposal facilities (i.e. landfill, land application, or composting facility) for the previous year.

G. REPORTING

1. The Discharger shall immediately report any non-compliance potentially endangering public health or the environment to the Regional Board (805/549-3147), the Monterey County Department of Environmental Health, and any other agencies as appropriate. Any information shall be provided orally within 24 hours from the time the Producer becomes aware of the non-compliance.

A written report shall also be submitted to the Executive Officer and the Monterey County Department of Environmental Health within five (5) days of the time the Discharger becomes aware of the circumstances. The written report shall contain (1) a description of the non-compliance and its cause; (2) the period of non-compliance, including dates and times, and if the non-compliance has not been corrected, the anticipated time it is expected to continue; and (3) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the non-compliance.

2. The Discharger shall submit **Quarterly** monitoring reports by the first of the second month following the end of each quarter as follows:

Monitoring Period	Report Submittal Date
January 1 – March 31	May 1 st
April 1 – June 30	August 1 st
July 1 – September 30	November 1 st
October 1 – December 31	February 1 st

3. The monitoring reports shall contain all data collected or calculated over the previous quarterly monitoring period. All monitoring data shall be tabulated in a logical and coherent format and be accompanied by copies of laboratory analytical data sheets as applicable. The data shall be summarized in a manner that clearly illustrates compliance with the Order.
4. **By January 30th of each year** the Discharger shall submit an annual monitoring report Pursuant to Standard Provisions and Reporting Requirements, General Reporting Requirement C.16 which states:

"By January 30 of each year, the discharger shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. The Discharger shall discuss the compliance record and corrective actions taken, or which may be needed, to bring the discharger into full compliance. The report shall address operator certification and provide a list of current operating personnel

and their grade of certification. The report shall inform the Board of the date of the Facility's Operation and Maintenance Manual (including contingency plans as described in Provision A.24), of the date the manual was last reviewed, and whether the manual is complete and valid for the current facility. The report shall restate, for the record, the laboratories used by the discharger to monitor compliance with effluent limits and provide a summary of performance relative to Section B, General Monitoring Requirements."

The annual reports shall also include the following:

- a. A complete electronic copy of the previous years data in a Microsoft Excel™ spreadsheet format;
 - b. Biosolids data as specified above;
 - c. The Nutrient Management Plan report as specified in paragraphs B.17 through B.22 of Order No. R3-2007-0008; and,
 - d. The Salt Management Program report as specified in paragraphs B.23 through B.24 of Order No. R3-2007-0008.
5. If the Discharger monitors any pollutant more frequently than is required by this Monitoring and Reporting Program, the results of such monitoring shall be included in the monitoring reports.

H. PROVISIONS

1. All quarterly monitoring shall be performed any time during the monitoring quarter (calendar quarter), but samples representative of two consecutive quarterly periods must be separated by at least one month. Monthly sampling shall be conducted at regularly scheduled times during each month and consecutive events should be approximately four weeks apart and no less than two weeks apart. Unless otherwise specified by the Monitoring and Reporting Program, annual sampling shall be performed any time during the calendar year, but samples representative of two consecutive annual periods must be obtained at least six months apart.
2. All monitoring must be conducted according to test procedures established by 40 Code of Federal Regulations Part 136, entitled, "Guidelines Establishing Test Procedures for Analysis of Pollutants." All sampling analyses shall be conducted at the lowest practical quantitation limits achievable under U.S. EPA specified methodology. In cases where effluent limits are set below the lowest achievable practical quantitation limits, constituents not detected at the practical quantitation limit will be considered in compliance with effluent limitations.
3. All samples collected shall be tracked and submitted under chain of custody and analyzed by a laboratory certified by California Department of Health Services for the specified analysis.
4. This Monitoring and Reporting Program may be revised at any time during the Permit term, as necessary, under the authority of the Executive Officer.
5. The Discharger shall submit a copy of each monitoring report along with a completed copy of the attached monitoring and reporting program transmittal sheet to:

California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

I. IMPLEMENTATION

1. This monitoring and reporting program shall be implemented immediately. However the Discharger will be allowed a two-month grace period to procure equipment and establish new sampling protocols and sampling locations as necessary for new monitoring requirements contained within this Monitoring and Reporting Program.

Ordered By:

Executive Officer

Date _____

California Regional Water Quality Control Board
Central Coast Region
Attn: Monitoring and Reporting Review Section
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906

Mr. Briggs:

Facility Name:

Address:

Contact Person:

Job Title:

Phone Number:

WDR/NPDES Order Number:

Type of Report (circle one):

Monthly Quarterly Semi-Annual Annual

Month(s) (circle applicable months*):

JAN FEB MAR APR MAY JUN
JUL AUG SEP OCT NOV DEC

*Annual Reports (Circle the first month of the reporting period)

Year:

Violation(s) (Place an X by the appropriate response):

___ **No** (there are no violations to report) ___ **Yes**

If 'Yes' is marked, complete a-g:

a) Parameter(s) in Violation:

b) Section(s) of WDR/NPDES Violated:

c) Reported Value(s):

d) WDR/NPDES Limit or Condition:

e) Dates of Violation(s):

(reference page of report/data sheet)

f) Explanation of Cause(s):

(attach additional information as needed)

g) Corrective Action(s):

(attach additional information as needed)

In accordance with the Standard Provisions and Reporting Requirements, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you have any questions or require additional information, please contact me at the number provided above.

Sincerely,

Name:

Title: