

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

MONITORING AND REPORTING PROGRAM NO. R3-2004-0154
Waste Discharger Identification No. 3 401023001

For

**FIERO LANE WATER COMPANY
SAN LUIS OBISPO COUNTY**

A. WATER SUPPLY MONITORING

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

Constituent	Units	Type of Sample	Minimum Sampling and Analysis Frequency
Total Dissolved Solids	mg/L	Grab	Annually (September)
Sodium	mg/L	Grab	“ “
Chloride	mg/L	Grab	“ “
Total Nitrogen	mg/L as N	Grab	“ “

B. INFLUENT MONITORING

Representative samples of wastewater entering the influent wet well shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Minimum Sampling and Analysis Frequency
Antimony	mg/L	8-hour composite ¹	Semi-Annually (Mar., Sept.)
Arsenic	mg/L	“ “	“ “
Barium	mg/L	“ “	“ “
Beryllium	mg/L	“ “	“ “
Cadmium	mg/L	“ “	“ “
Chromium (Total)	mg/L	“ “	“ “
Cobalt	mg/L	“ “	“ “
Copper	mg/L	“ “	“ “
Fluoride	mg/L	“ “	“ “
Lead	mg/L	“ “	“ “
Mercury	mg/L	“ “	“ “
Molybdenum	mg/L	“ “	“ “
Nickel	mg/L	“ “	“ “
Selenium	mg/L	“ “	“ “
Silver	mg/L	“ “	“ “
Thallium	mg/L	“ “	“ “
Vanadium	mg/L	“ “	“ “
Zinc	mg/L	“ “	“ “
Chlorinated Solvents (EPA Method 624)	mg/L	Grab ²	“ “

¹ Sample to be taken from influent before it mixes with influent in wet well

² Sample to be taken from wet well

C. SECONDARY TREATMENT PROCESS EFFLUENT MONITORING

Representative samples of effluent from the secondary treatment process shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Minimum Sampling and Analyzing Frequency
Average Daily Flow	Gallons per day (gpd)	Metered	Weekly
pH	Std. units	Grab	Weekly
Settleable Solids	mL/L	Grab	Daily
Total Coliform Organisms	MPN/100 mL	Grab	Daily, at least 7 days prior to and during periods of Secondary-23 recycled water use
Total Chlorine Residual	mg/L	Grab	Weekly
Total Suspended Solids	mg/L	Grab	“ “
Total Dissolved Solids	mg/L	Grab	Semi-Annually (Mar., Sept.)
Sodium	mg/L	Grab	“ “
Chloride	mg/L	Grab	“ “

D. TERTIARY TREATMENT PROCESS EFFLUENT MONITORING

Representative samples of effluent from the tertiary treatment process shall be collected and analyzed as follows:

Constituent	Units	Type of Sample	Minimum Sampling and Analysis Frequency
Average Daily Flow	gpd	Metered	Daily
Total Coliform Organisms	MPN/100 mL	Grab	Daily
Total Coliform Organisms Running 7-Day Median	MPN/100 mL	Calculated	Daily
Turbidity ¹	NTU	Metered	Continuous
Average Effluent Turbidity (24-hour period)	NTU	Calculated	Daily
95 th Percentile Effluent Turbidity (24-hour period)	NTU	Calculated	Daily
Daily Maximum Turbidity	NTU	--	Daily
Total Chlorine Residual	mg/L	Grab	Continuous
Daily Minimum Total Chlorine Residual	mg/L	--	Daily
CT Value ²	mg-min/L	Calculated	Daily
pH	Std. units	Grab	Weekly
Total Dissolved Solids	mg/L	Grab	Semi-Annually (Mar., Sept.)
Sodium	mg/L	Grab	“ “

¹ Disinfected tertiary recycled water shall be continuously sampled for turbidity using a continuous turbidity meter and recorder following filtration. Compliance with the 2 NTU daily average limitation shall be determined by averaging the recorded turbidity levels at four-hour intervals over a 24-hour period. Compliance with the 5 NTU limitation shall be determined using the recorded turbidity levels taken at intervals of no more than 1.2-hours over a 24-hour period. Should the continuous turbidity meter and recorder fail, grab sampling at a minimum frequency of 1.2-hours may be substituted for a period of up to 24-hours.

² CT is the product of total chlorine residual and modal contact time measured at the same point. The chlorine disinfection process must provide a CT value of no less than 450 milligram-minutes per liter at all times with a modal contact time of at least 90 minutes, based on peak dry weather design flow.

Constituent	Units	Type of Sample	Minimum Sampling and Analysis Frequency
Chloride	mg/L	Grab	“ “
Total Nitrogen	mg/L as N	Grab	“ “

E. DISPOSAL AREA MONITORING

To ensure compliance with this Order, particularly Prohibition No. 2., the Discharger shall inspect the treatment systems and the subsurface disposal areas weekly. During extended wet weather periods, more frequent inspections shall be made as needed. Evidence of any surfacing effluent, saturated surface areas, and odors, shall be reported to the Executive Officer within 24 hours of being discovered and promptly investigated and remedied. A record shall be kept of dates and nature of observations and remedies and of when use of leachfield trenches is alternated.

F. RECYCLED WATER USE AREA MONITORING

- Supervisors of Secondary-23 recycled water use areas shall monitor recycled water use and immediately correct any non-compliance with these Water Recycling Requirements. Tertiary-2.2 recycled water use areas shall be inspected no less frequently than monthly. The status of compliance with these Water Recycling Requirements shall be noted in a bound inspection logbook. The logbook shall be made available to the Regional Board upon Executive Officer request. A summary of observations made during water recycling area inspections and a brief discussion of any corrective actions taken or planned shall be included with each quarterly monitoring report.
- The Discharger shall cooperate with San Luis Obispo County Environmental Health Services and California Department of Health Services to ensure that backflow devices are present, tested regularly, and repaired or replaced if found defective.
- The Discharger shall review recycled water meter readings quarterly to identify any unusual usage changes. Any dramatic changes in usage shall be promptly investigated.

G. SOLID WASTE MONITORING

The volume of sludge removed from the treatment facility, along with the date when removed and disposal location, shall be recorded and reported annually with each annual report.

H. REPORTING PROVISIONS

- The Discharger shall immediately report any non-compliance potentially endangering public health or the environment to the Regional Board (805/549-3147) and the California Department of Health Services (805/566-1326), and any other appropriate agency. Any information shall be provided orally within 24 hours from the time the Discharger becomes aware of the circumstances. Such circumstances include:
 - Failure of chlorination equipment;
 - Tertiary treatment process effluent total coliform bacteria greater than 240 MPN/100 mL;
 - Tertiary treatment process effluent turbidity greater than 10 NTU; and
 - Tertiary treatment process disinfection process CT less than 450 mg-min/L.

A written report shall also be submitted to the Executive Officer 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. **Quarterly** monitoring reports shall be submitted within 30 days of the end of each quarter. For example, first quarter sampling results shall be submitted by April 30 of each year. Each quarterly report shall include a list of names of users of the system and written certification by each user that no waste other than domestic wastewater has been discharged to the treatment and disposal system.
3. **Annual** monitoring reports shall be submitted by January 30 of each year, in accordance with Standard Provisions and Monitoring Requirements. Annual reports shall evaluate trends and summarize the previous year's data. In addition to the paper copy of the annual report, annual data shall be submitted electronically by 3.5" floppy diskette or electronic mail, preferably in Microsoft Excel file format.
4. Monitoring data shall be arranged in tabular format so the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in a manner that clearly illustrates compliance with water recycling requirements.
5. The Discharger shall deliver a copy of each monitoring report in the appropriate format to:

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

I. SEWAGE SPILL REPORTING PROVISIONS

Reporting to the Regional Board

1. Sewage spills greater than 1,000 gallons and/or all sewage spills that enter a water body of the State, or occur where public contact is likely, regardless of the size, shall be reported to the Regional Board by telephone as soon as notification is possible and can be provided without substantially impeding cleanup or other emergency measures, and no later than 24 hours from the time that the Dischargers have knowledge of the overflow.
2. Unless fully contained, sewage spills to storm drains tributary to Waters of the United States shall be reported as discharges to surface waters.
3. A written report of all relevant information shall be submitted to the Regional Board within five days of the spill, and shall include no less information than is required on the current Sewage Spill Report Form (see Attachment D), or equivalent, as approved by the Regional Board Executive Officer. Attachments to the report should be used as appropriate, and incidents requiring more time than the five-day period must be followed by periodic written status reports until issue closure. Photographs taken during the sewage spill incident and cleanup shall be submitted to the Regional Board in hard copy and electronic format.
4. The Dischargers shall sample all spills to surface waters to determine their effects on surface waters and submit the data to the Executive Officer in the next monthly monitoring report. Samples shall, at minimum, be analyzed for total and fecal coliform bacteria and enterococcus bacteria for spills to marine water, and fecal coliform bacteria for spills to fresh water. Sampling shall be conducted in the affected receiving water body upstream, at, and downstream of the spill's point of entry, and as necessary to characterize the spill's impact and to ensure adequate clean-up.
5. Spills under 1,000 gallons that do not enter a water body shall be reported to the Regional Board in writing and electronically (Excel spreadsheet preferred) within the next monthly monitoring report. Such reports shall include, at a minimum, a tabular summary of spill dates, locations, volumes, whether the spill discharged to surface waters (including conveyances thereto) or land, whether cleanup and/or disinfection was performed,

the spill's cause, the number of spills at the location in the last three years, and weather conditions.

This policy is subject to revision by the Executive Officer.

6. The Dischargers shall submit to the Regional Board with the annual report required above, a summary of all spills between January 1 and December 31 of the previous year. The summary should include the following information for each spill:
 - a. Information requested in the Sewage Spill Report Form (Attachment E);
 - b. How the spill volume was estimated and/or calculated;
 - c. Photograph(s) of spill, if taken;
 - d. Where the spill entered any storm drain inlet or surface waters;
 - e. Steps taken or planned to reduce, eliminate, and prevent recurrence of the spill, and a schedule of major milestones for those steps;
 - f. Steps taken or planned to mitigate the impact(s) of the spill, and a schedule of major milestones for those steps;
 - g. Any additional correspondence and follow-up reports, as necessary, to supplement the Sewage Spill Report Form and to provide detailed information on cause, response, adverse effects, corrective actions, preventative measures, or other information.
7. The annual summary shall include detailed evaluations of repetitive or chronically occurring circumstances, such as problematic collection system areas or common spill causes, and the corrective actions taken to address such systematic problems.
8. If no sewage spills occurred in the last calendar year, a statement certifying that no sewage spills occurred may be submitted in lieu of the annual summary.

Reporting to the Governor's Office of Emergency Services

9. In accordance with the Governor's Office of Emergency Services (OES) 2002 Fact Sheet regarding the reporting of sewage releases, the California Water Code, commencing with Section 13271, requires that a discharge of sewage to State waters must be reported to OES.
10. To report sewage releases of 1,000 gallons or more (currently the federal reportable quantity) to OES, verbally notify the OES Warning Center at: (800) 852-7550, or (916) 845-8911.
11. The following fax number should be used *for follow-up information only*: (916) 262-1677. The reportable quantity is subject to revision by the State of California. OES reporting requirements for sewage releases and hazardous materials can be located on the OES Website @ www.oes.ca.gov in the California Hazardous Material Spill/Release Notification Guidance. The OES Hazardous Materials Unit staff is available for questions at (916) 845-8741.

12. OES Reporting Exceptions: Notification to OES of an unauthorized discharge of sewage or hazardous substances is not required if: 1) the discharge to State waters is a result of a cleanup or emergency response by a public agency; 2) the discharge occurs on land only and does not affect State waters; or 3) the discharge is in compliance with applicable waste discharge requirements. These exceptions apply only to the Discharger's responsibility to report to OES, and do not alter the Regional Board's reporting policies or waste discharge requirements.

Ordered by: _____
Roger W. Briggs, Executive Officer

Date