

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2002-0042

NPDES NO. CA0084816

FOR

CITY OF FOLSOM

SANITARY SEWER COLLECTION SYSTEM

SACRAMENTO COUNTY

The Discharger shall not implement any changes to this Program unless and until the Regional Board or Executive Officer issues a revised Monitoring and Reporting Program.

**A. MONITORING REQUIREMENTS**

1. The following flows in the Discharger's sanitary sewer collection system shall be continuously monitored:
  - Total flow in the 33-inch sewer shed
  - Total flow in the 27-inch sewer shed
  - Total flow delivered to the District's FE2 interceptor from the Discharger's sanitary sewer collection system
2. The Discharger shall conduct additional flow monitoring and visual inspections in accordance with the monitoring plan described in Provision 4 of Waste Discharge Requirements Order R5-2002-0042.
3. If an SSO reaches surface waters (see B.2., below), and as soon as monitoring can safely occur without substantially impeding cleanup or other emergency measures, the Discharger shall do the following to determine the nature and impact of the SSO on the receiving waters:
  - (a) Visually monitor the receiving waters near the location the SSO entered surface waters for abnormal conditions, such as effects to aquatic life, abnormal color, etc. Photos may be used to document compliance with this requirement.
  - (b) Collect and analyze samples of the discharge and the receiving waters at appropriate locations and frequencies for constituents likely to verify the nature and impact of the discharge. Constituents analyzed may include,

but not be limited to, total coliform, fecal coliform, ammonia, BOD, TSS and dissolved oxygen.

**B. SANITARY SEWER OVERFLOW REPORTING**

1. Pursuant to Water Code Section 13193, all discharges of sewage from a sanitary sewer system at any point upstream of a sewage treatment plant shall be reported to the Regional Board as sanitary sewer overflows (SSOs).
2. SSOs that enter storm drains tributary to Waters of the United States shall be reported as discharges to surface waters. For the purposes of this Order, surface waters are Waters of the United States as defined in 40 CFR 122.2 such as navigable waters, rivers, streams (including ephemeral streams), lakes, playa lakes, natural ponds, lagoons, estuaries, man-made canals, ditches, dry arroyos, wet meadows, wetlands, swamps, marshes, sloughs and water courses.
3. If the SSO results in a discharge of any volume to surface waters, **or** results in a discharge of 1,000 gallons or more to land, the Discharger shall:
  - (a) Implement the Overflow Emergency Response Plan described in the Discharger's SSMP;
  - (b) Report the SSO to the Regional Board by telephone, by voice mail, or by fax within 24 hours from the time that the Discharger has knowledge of the SSO, and as soon as (1) notification is possible, and (2) notification can be provided without substantially impeding cleanup or other emergency measures. The Regional Board's office hours are between the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding state holidays. The Regional Board office has voice mail to enable 24 hour/7 days a week reporting at (916) 255-3000. The Regional Board's main fax number is (916) 255-3015.

The information reported to the Regional Board in the initial telephone or fax report shall include the name and phone number of the person reporting the SSO, the responsible sanitary sewer system agency, the time and date the spill began, the estimated total SSO volume, the location of the discharge, the name of the affected receiving water, whether the SSO is on-going at the time of the report, and confirmation that the local health services agency was or will be notified as required under their reporting requirements;

- (c) Report the SSO to the Office of Emergency Services (OES) in accordance with California Water Code Section 13271;

Office of Emergency Services  
Phone (916) 262-1621, or (800) 852-7550  
Fax (916) 262-1677 (follow-up, only)

- (d) Submit an incident report to the Regional Board no later than 5 days following the date the SSO began. At a minimum, the report shall state the nature, time, duration, estimated volume, and cause of the SSO, pictures and/or schematics showing the location of the SSO and the affected receiving water, indications of any adverse effects on receiving waters, the Discharger's emergency response to the SSO, corrective and preventive measures planned to prevent future SSOs from that location, and a schedule of implementation;
  - (e) Submit a completed Sanitary Sewer Overflow Report Form (Attachment E) and laboratory analysis results for Monitoring Requirement 3.b. within 20 working days following the date the SSO began. When the State Water Resources Control Board (SWRCB) develops and implements a statewide, computerized SSO database, the Discharger shall also submit this information in electronic format, in accordance with the SWRCB's specifications.
  - (f) If necessary, follow-up reports may be submitted to address changed information or new information not available for the reports described above.
4. If the SSO is discharged **only** to land **and** is less than 1,000 gallons in volume, the Discharger:
- (a) Shall implement the Overflow Emergency Response Plan described in the Discharger's SSMP;
  - (b) Is **not required** to report the SSO to the Regional Board within 24 hours; but
  - (c) **Shall submit** a completed Sanitary Sewer Overflow Report Form within 20 working days following the date the SSO began. When the State Water Resources Control Board (SWRCB) develops and implements a statewide, computerized SSO database, the Discharger shall also submit this information in electronic format, in accordance with the SWRCB's specifications.

- (d) If necessary, follow-up reports may be submitted to address changed information or new information not available for the reports described above.

### C. QUARTERLY REPORTING

Quarterly Reports shall be submitted to the Executive Officer in accordance with the following schedule:

<u>Reporting Period</u>	<u>Report Due Date</u>
January – March	1 May
April – June	1 August
July – September	1 November
October - December	1 February

The Quarterly Reports shall contain:

1. Flow data collected in accordance with Monitoring Requirements No. A.1 and A.2, presented in a clear graphical format;
2. Written logs of visual monitoring described in Monitoring Requirements No. A.2 and A.3;
3. If monitoring data is obtained for additional parameters and/or at locations other than those specified in this Order, the results of such monitoring shall be submitted and evaluated in these reports;
4. Descriptions of the locations and types of preventive maintenance, sewer rehabilitation and sewer improvement work completed during the past quarter and what preventive maintenance, sewer rehabilitation and sewer improvement work are planned for the upcoming quarter.

### D. ANNUAL REPORTING

1. The Discharger shall submit an annual report **by 1 August of each year** describing the accomplishments, effectiveness, and relevance of the SSMP. At a minimum, the report shall include:
  - a. A summary of the SSOs that occurred since the last annual report, including the number and the locations of surface water SSOs caused by flows exceeding the full-pipe capacity of the sanitary sewer collection system, and the number and the locations of surface water SSOs caused by

conditions unrelated to the capacity of the sanitary sewer collection system;

- b. An evaluation of the consistency of the flow monitoring data with the flow projections contained in the System Evaluation and Capacity Assurance Plan. Include a section discussing the effects of the collection system improvements on measured reductions in I/I or increased hydraulic capacity.
- c. A detailed accounting of SSMP program accomplishments, including how the SSMP elements were implemented and, where appropriate, the effectiveness of the element. It shall include a description of the additions and improvements made to the sanitary sewer collection system in the past year; the additions and improvements planned for the upcoming year with schedule of implementation; and the population change during the reporting year and the expected population change during the upcoming year. Additionally, a summary of the funds expended and staff hours utilized to implement the SSMP shall be provided.
- d. An assessment of the effectiveness of the SSMP in reducing or preventing SSOs, based on monitoring data and the number, location and types of SSOs experienced during the past year.
- e. Updated contact information and statements certifying aspects of the SSMP are up-to-date, including:
  - (i) The names, general responsibilities, and authorities of all persons employed to operate and maintain the Discharger's sanitary sewer collection system;
  - (ii) The names and telephone numbers of persons to contact regarding the Discharger's sewage collection system for emergency and routine situations;
  - (iii) A statement certifying when flow meters and other monitoring instruments and devices were last calibrated, including identification of who performed the calibration (Standard Provision C.6);
  - (iv) A statement certifying whether the existing sewage collection system maps and the existing Overflow Emergency Response Plan procedures reflect the sewage collection system as currently

constructed and operated, and the dates when these documents were last revised and last reviewed for adequacy;

- f. Descriptions of modifications that were made, or will be made, to the SSMP documentation to maintain its accuracy and appropriateness, including:
  - (i) Any changes to the legal authority to maintain its effectiveness as the program progresses;
  - (ii) Descriptions of the planned modifications to the SSMP program documentation for the upcoming year, the reasons for the modifications and a schedule of implementation.
2. The annual report shall also contain a discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program; and
3. If requested in writing, the Discharger shall submit tabular and graphical summaries of the data collected during the year.

**E. OTHER REPORTING REQUIREMENTS**

1. All reports submitted in response to this Order shall comply with the signatory requirements of Standard Provision D.6.
2. The Discharger shall implement the above Monitoring and Reporting Program on the first day of the month following the effective date of this Order.

Ordered by: \_\_\_\_\_

GARY M. CARLTON, Executive Officer

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1 March 2002