



City of Lancaster Sewer System Management Plan

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Introduction

Background

This Sewer System Management Plan (SSMP) has been prepared in compliance with the State Water Resources Control Board (SWRCB) Order 2006-0003: Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (GWDR), as revised by Order No. WQ 2008-0002.EXEC on February 20, 2008. The GWDR prohibits sanitary sewer overflows (SSOs) and requires reporting of SSOs using the statewide electronic reporting system.

This initial SSMP has been prepared by the City of Lancaster with assistance from RMC Water and Environment and Larson Consulting. The SSMP will be updated as needed to reflect changes to the SSMP elements.

Organization of SSMP

The structure of this document follows the section numbering and nomenclature specified in the GWDR. The SSMP includes eleven chapters, as follows:

1. Goals
2. Organization
3. Legal Authority
4. Operation and Maintenance Program
5. Design and Performance Provisions
6. Overflow Emergency Response Plan
7. Fats, Oils and Grease (FOG) Control Program
8. System Evaluation and Capacity Assurance Plan
9. Monitoring, Measurement, and Program Modifications
10. SSMP Audits
11. Communication Program

System Overview

The City owns, operates, and maintains the wastewater collection system serving its population of approximately 145,000 (2008). Figure I-1 shows the current City boundary (the City's sphere of influence extends beyond the current boundary, primarily to the north) and the area now served by sewers. As shown in the figure, the City's sewers discharge to a network of trunk sewers owned and operated by the Sanitation Districts of Los Angeles County (LACSD), which conveys the City's wastewater to LACSD's Lancaster Water Reclamation Plant (LWRP) for treatment. There are a few pockets of unincorporated area southwest of the City that are served by sewers owned and operated by the Consolidated Sewer Maintenance District (CSMD), a sewer maintenance district managed by the Los Angeles County Department of Public Works. Most of CSMD's sewers discharge to LACSD trunk sewers, but some discharge to City sewers.

The City's sewer system consists of over 360 miles of mains, 7,700 manholes, and one small pump station. The sewer mains range in size from 6 to 24 inches in diameter, with 85 percent being 8 inches. All gravity mains are vitrified clay pipe (VCP). The oldest sewers were installed in 1947, but 77 percent were built after 1958 and the average sewer age is 29 years.

Figure I-1: City of Lancaster Wastewater Collection System

