

CITY OF GRASS VALLEY

SEWER SYSTEM MANAGEMENT PLAN



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INTRODUCTION

The City of Grass Valley owns and operates a Sewer Collection System that collects wastewater from a total service population of approximately 12,500. The system is comprised of 1,385 manholes and approximately 98,300 feet of sewer collection system pipelines of varying sizes dependent upon the area dynamics of location and number of customers served. The system also has eight (8) lift stations that are maintained by utility operations personnel.

Organizationally, the Utilities Division and its labor allocation is part of the Department of Public Works and under the direction of the Public Works Director/City Engineer or designee.

The City has dedicated funds for both short- and long-term repair and replacement of critical mechanical and non-mechanical infrastructure elements of the Sewer Collection System contained both in annual operating budgets and within the City's Capital Improvement Plan (CIP). Two funding sources (user rates and impact fees) are reviewed annually during the budget process to ensure that program priorities are consistent with the needs of operating an effective utility.

I. SSMP GOALS

The goals of the City's Sanitary Sewer System Management Plan (SSMP) are:

1. To efficiently and effectively manage, operate, and maintain all parts of the City's Sewer Collection System.
2. To provide adequate capacity to convey peak wastewater flows. Adequate capacity, for the purposes of this SSMP, is defined as the capacity to convey peak wastewater flows per the City Improvement Standards.
3. To reduce the frequency of sanitary sewer overflows (SSOs) and, wherever possible, to prevent SSOs.
4. To mitigate the impacts that are associated with any SSO that may occur.
5. To meet all regulatory requirements.
6. To provide and make available comprehensive staff training on the proper operations and management of the Sewer Collection System, its infrastructure and equipment.
7. Following are changes and projects to prevent spills and/or improve SSO response (three [3] year plan):
 - Implement City Works for Sewer Collection System as Work Order tracking and asset management.
 - 2012 Purchase CCTV truck and implement program to camera systems per SSMP.
 - 2013 Purchase combination jet/vacuum to improve jetting program and provide a better response to SSOs.
 - Modify an existing pickup truck to become a dedicated standby truck.

