

STEGE SANITARY DISTRICT

... it shall be the mission of the Stege Sanitary District to plan and implement a safe, efficient and economical wastewater collection and transfer system for the customers of the District.

7500 Schmidt Lane	(510) 524-4668 Office		(510) 524-4667		Mon - Thu 8:00am - 5:00pm	
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INFORMATION	BOUNDARY MAP	PUBLIC MEETINGS	BOARD OF DIRECTORS	CONTACT Staff	FAQs	

THE SYSTEM REHABILITATION PROGRAM

It was 1995 and the District had completed the major work of the I/I Correction Program. Major overflows of the system during periods of wet weather had been eliminated, primarily by the introduction of new relief sewers and minor sewer rehabilitation, but little had been done to restore a deteriorating infrastructure that is the sewage collection system. The System Rehabilitation Program (SRP) was developed as a result of the need to maintain the collection system in a serviceable condition for the current and future generations of customers of the District. Its emphasis is on optimizing the useful life of the collection system and eliminating costly and environmentally damaging system failures.

The methodology employed first defines the sewer line segments in terms of their vulnerability to failure by assessing various physical, technical and cost rating factors to each line segment and then ranking the lines by their overall rating. Lines most vulnerable to failure are scheduled for video inspection for verification of condition and possible rehabilitation. During 1997, the District televised 133,000 feet of sewer lines; approximately 5% of that amount was found in a "near failure" condition and scheduled for replacement.

For 1998 and beyond, video inspection of the sewer line segments will continue at a rate of approximately 167,000 feet per year until the entire collection system is inspected and rated as to its condition. Each year lines found to be cost-effective for replacement will be scheduled for construction when within the financial resources of the District. Approximately \$750,000 per year is planned for these purposes.

The SRP is planned to continue indefinitely. The District is in its 90th year of existence and the majority of the collection system is over 50 years old. Implementation and continuation of the SRP will assure the customers of the District of an economic and reliable sanitary sewer system into the future.