SASDnews
The official newsletter of San Andreas Sanitary District
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Wastewater Treatment to Receive an Upgrade

San Andreas Sanitary District is starting on a wastewater treatment plant upgrade thanks in part to a grant from the State Revolving Fund (SRF) and the U.S. Department of Agriculture (USDA). This project has been a few years in the making and design plans call for new infrastructure including:

- A new Aerobic Digestion system to replace the antiquated, Anaerobic Digester system
- Upgrades to the plant's Electrical System
- A new Supervisory Control and Data Acquisition (SCADA) System for process control and security
- Pond D Improvements (*article below*)

The District has initiated the competitive bidding process. While the Pond D Improvements are underway, the treatment plant upgrade work is expected to begin in February 2019 with completion slated for spring 2020. The budgeted cost for the entire project, including planning, design, procurement, environmental review and construction, is $6.5 million and is funded by the SRF/USDA.

Original Anaerobic Digester installed in 1952

Pond D Improvements to Start Soon

Part of the wastewater treatment plant upgrade includes improvements to Pond D, which are needed to protect the pond levee from erosion and provide greater storage capacity during times of wet weather. Ford Construction was awarded the construction contract and work will begin in October 2018. The total cost for this particular construction contract is about $290,000.

SCADA electronically monitors the sewer system 24/7

District Begins Process to Replace Sewer Pipes

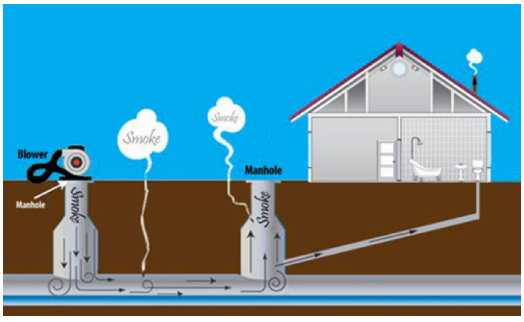
The District will be replacing and upsizing an older section of pipeline in an effort to reduce excessive infiltration to the sewer system during wet weather and minimize sewer overflows. The new section of pipe will run from just east of Turner Park on Treat Avenue to the High School along the creek bed. The effort requires significant coordination to comply with California Environmental Quality Act (CEQA). The District has completed the required environmental review and documents are posted for public review.

The District is working to obtain grant funding through the SRF and expects funding commitments to be finalized early 2019. Construction is anticipated to begin summer/fall 2019.

Smoke Testing in Community

The District is conducting smoke testing in parts of the community's sewer system. The purpose is to find defects that allow inflow to sewer pipes during the rainy season and to locate any illicit connections to the sewer, such as gutters or recreational vehicles. Identifying these situations early makes sure the sewer system is working properly.

Four rounds of testing have been completed. Noted defects that the customer is responsible for repairing include fixing broken cleanouts, removing gutter downspouts from sewer system, and fixing problems with laundry sinks. The District is responsible for fixing a cracked sewer pipe and repairing a few pipe joints that were identified during testing.



Smoke testing helps to keep the sewer system working efficiently

San Andreas Sanitary District