

SJRA SANITARY SEWER TRANSMISSION ASSESSMENT & RENEWAL (SSTAR) PROGRAM



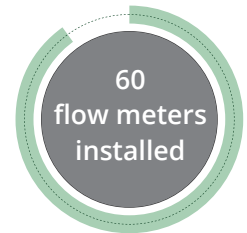
FEBRUARY 2019

ABOUT THE SSTAR PROGRAM

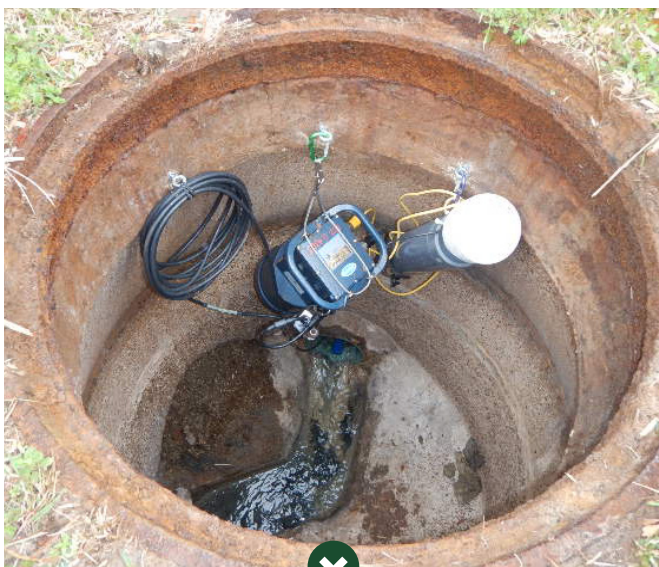
SJRA has determined a need to assess the aging wastewater collection system in The Woodlands to assist with prioritizing rehabilitation of pipes, manholes, and pump stations. Cracked pipes, manholes, and structures allow rainwater and groundwater to infiltrate the network of pipes, which overloads the sewer system, increases costs at the sewage treatment facilities, and hastens further degradation of the system. The SSTAR Program will use flow meters installed in pipes, and rainfall monitoring to quantify infiltration in the system, prioritize areas for further inspection and rehabilitation, and ultimately repair those areas to improve the Woodlands system. By working to keep rainwater and groundwater out of the sewer system, there will be a reduced chance for sewage overflows into homes, businesses, or the environment during rain events.

PROJECT UPDATE FEBRUARY 2019

SJRA, its consultant, and field crews have completed installation of 60 out of 63 temporary flow meters in the Woodlands sewer system. The last 3 meters will be installed in Spring 2019. These flow meters will be collecting data 24 hours per day, 7 days a week for 6 months. The flow meters are installed throughout the entire community, and are not visible from outside the manhole, as shown in the images below. These meters are installed in common areas such as road right of ways and do not require entry into private residences or blocking traffic to maintain.



Data will be collected for at least 6 months, beginning in March 2019 and ending around September 2019. During this time, you may see field crews opening manholes to check, maintain, and calibrate flow meters that are inside the manholes. However, during normal operation, the flow meters will not be visible, and will have no impact on daily life in The Woodlands.



Flow meter installation inside of a manhole.



Completed installation from outside of manhole.

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