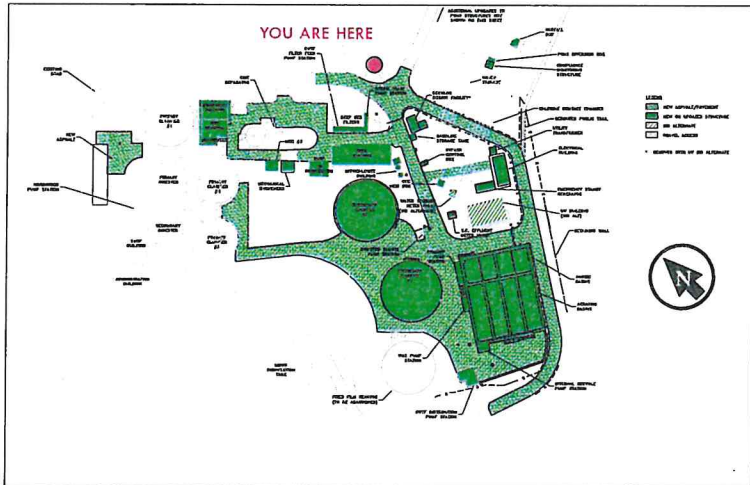
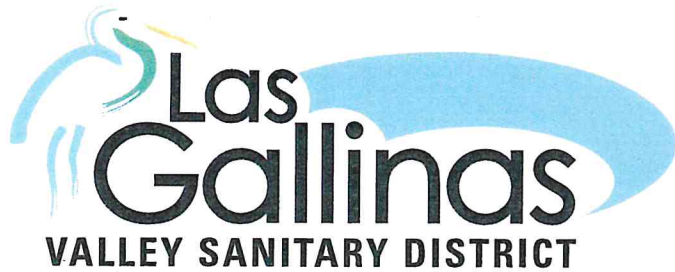


Handout

Agenda Item 3A6

Date September 13, 2018



SECONDARY TREATMENT PLANT UPGRADE & RECYCLED WATER EXPANSION PROJECT

ATTENTION

LGVSD is upgrading and expanding the Wastewater Treatment Plant as part of our Capital Improvements Program

Construction of the \$49M project to upgrade the Secondary Treatment process facilities and expand the Recycled Water delivery capacity is scheduled to commence in January 2019, and be complete in December 2022 (3 years).

The project is part of the LGVSD overall strategic plan being implemented to meet regulatory requirements and provide an expanded recycled water supply for the citizens of Marin County.

Please anticipate and prepare for possible delays due to this work, including:

- Tree Removal
- Relocation of Existing Overhead Power Lines by PG&E
- One – way Traffic, Detours, and Limited Parking
- Contractor Traffic and Staging of Workers, Equipment and Materials
- Construction Fencing, Noise, Dust and Extended Work Hours

If you have any questions about the project, or wish to be placed on an email notice list, please call the District office at (415) 472-1734, or visit us online at www.lgvsd.org

Las Gallinas Valley Sanitary District Wastewater Treatment Plant Upgrade

Las Gallinas Valley Sanitary District (District) was formed in 1954 by the voters in Santa Venetia to address public health problems due to failing septic systems. Sewerage collection mains and a treatment plant were then constructed. The 1950s/60s development boom in North San Rafael resulted in the annexation of Terra Linda followed by San Raphael Meadows, Marinwood, Lucas Valley and adjacent unincorporated county areas. The District now has over 11,000 connections along its' 105 miles of sewer collection lines and serves over 30,000 people. The Districts' 28 sewage pump stations discharge to 35 miles of pressurized sewer mains all feeding the wastewater treatment and recycling facilities.

The existing treatment plant treats up to 8 million gallons of wastewater per day (MGD) to secondary treatment standards, which, in summer months, is suitable for pasture irrigation. The District and Marin Municipal Water District further treat 3.4 MGD of this flow to tertiary, Recycled Water use standards for outdoor irrigation at large landscapes, playing fields, golf courses, commercial car washes and indoor toilet flushing.

In winter, during large storm events, flows to the treatment plant can exceed 8 MGD, and flows above this amount are only treated to primary levels and then blended with the secondary treated water prior to discharge to Miller Creek and San Pablo Bay. While this practice meets current regulatory requirements, the State Regional Water Quality Control Board is now pushing wastewater agencies in California to eliminate blending.

The District's **Secondary Treatment Plant Upgrade and Recycled Water Expansion Project (Project)** will increase the secondary treatment capacity to 18 MGD and increase the Recycled Water capacity to 5.4 MGD. Bids are now being solicited for the Project which has a construction cost estimate of \$49M. The Project is intended to reduce blending and provide future Recycled Water needs for the District, Marin Municipal and North Marin Water District. The District has sold bonds to pay for the project and Marin Municipal and a Federal WaterSmart grant are helping with funding.

Construction will start this fall with tree removal and relocation of PGE overhead power lines. Construction on the treatment plant will start in earnest in January 2019 and continue for 3 years. Visitors to the District Reclamation Area ponds and hiking trails are urged to car pool whenever possible. The public will be impacted with one-way traffic, detours and limited parking along Smith Ranch Road adjacent to the treatment plant. Your cooperation during this extended construction period is needed to safely complete this vital improvement Project.

Visit www.LGVSD.org to keep abreast of Project progress.