



*Pictured above: Biosolids Digester Facilities Project Construction*

# Biosolids Digester Facilities Project

## Our Sewer System Upgrades are Underway

Built in 1952, the Southeast Treatment Plant (SEP) is the City’s largest wastewater treatment facility, but many of its facilities are past their useful life and generate odors that impact the neighborhood. We are investing over \$3 billion in critical upgrades to transform this facility into a modern resource recovery center. By doing so, we will continue to protect our communities and environment while creating an attractive workplace and neighborhood asset.

## Biosolids Digester Facilities Project (BDFP)

The Biosolids Digester Facilities Project (BDFP) will replace the aging facilities with cleaner, greener technologies. The new facilities will produce a higher quality biosolids, capture and treat odors more effectively, and maximize biogas utilization. In addition, the project will locate the digesters farther away from existing residences and make visual improvements in and around the SEP.

## What are Biosolids?

Biosolids are the nutrient-rich soil-like product of the wastewater treatment process that can be beneficially used as a synthetic fertilizer-replacement and soil amendment. Completion of this project will result in us producing higher quality biosolids approved for more beneficial uses.



## PROJECT MILESTONES

- ✓ **Project Approval**  
Spring 2018
- ✓ **Start of Construction**  
Summer 2019
- ✓ **Institute for Sustainable Infrastructure**  
Envision Platinum Award Winner 2021
- **Expected Completion**  
Spring 2028



## FAST FACTS

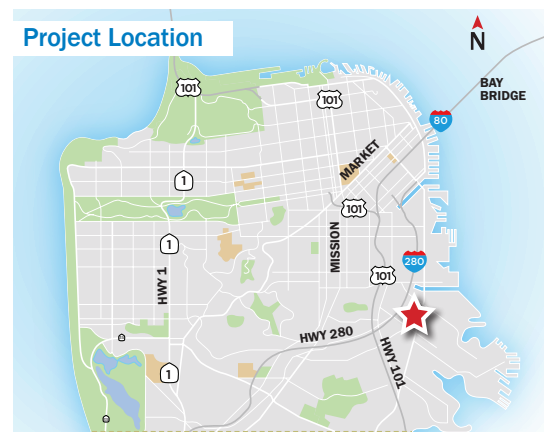
**80%**

of City’s Wastewater Treated at the SEP

**Largest**

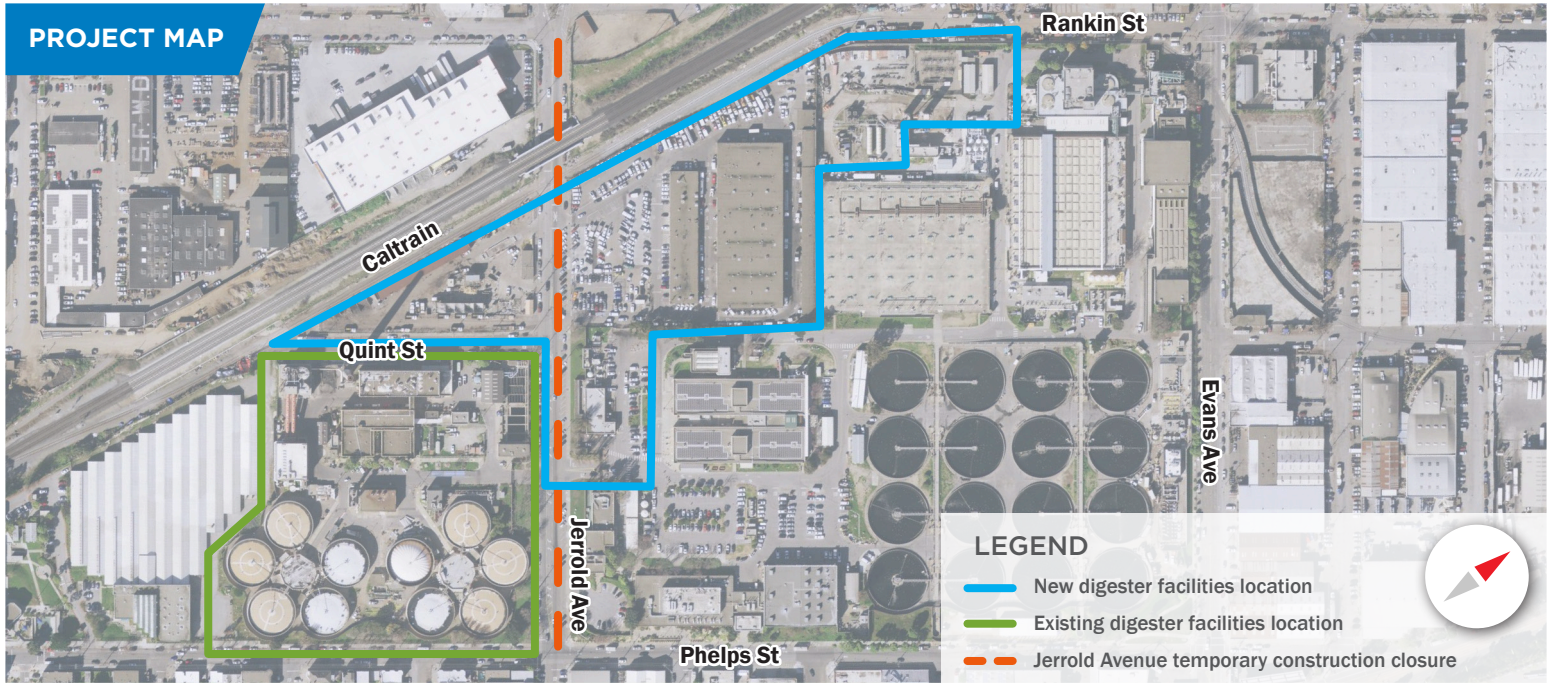
project at the SEP

## Project Location





## PROJECT MAP



## PROJECT BENEFITS

- Produce higher quality “Class A” biosolids that have greatly expanded beneficial uses.
- Meet projected wastewater treatment needs through 2045.
- Reduce odors from the treatment process.
- Improve the ability for these critical facilities to withstand a 7.8 earthquake on the San Andreas Fault.
- Provide a more attractive look to the facilities to better fit in with the neighborhood.
- Fund public art by local artists in support of the Bayview Arts Master Plan.
- Provide opportunities for local workers and businesses.

*Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. California’s Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.*

## About the Sewer System Improvement Program

The Southeast Treatment Plant Biosolids Digester Facilities Project is part of the Sewer System Improvement Program (SSIP), a multi-billion-dollar citywide investment to upgrade our aging sewer system. The SSIP is the result of an extensive community planning process and will ensure a reliable, sustainable and seismically safe sewer system now and for generations to come. For more information on SSIP and to stay up to date, please visit [sfpuc.org/ssip](http://sfpuc.org/ssip).

### Learn More

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 [sfpuc.org/digesters](http://sfpuc.org/digesters)  
[sfpuc.org/SEPConstruction](http://sfpuc.org/SEPConstruction)

*Para una copia de este material en español o para más información, por favor póngase en contacto con nosotros al (415) 554-3289 o [info@sfgwater.org](mailto:info@sfgwater.org).*

*拿取這些資料的中文副本,或詢問其他資料,請致電 (415) 554-3289 或電郵 [info@sfgwater.org](mailto:info@sfgwater.org).*

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