



SEWER SYSTEM IMPROVEMENT PROGRAM | Grey. Green. Clean.

Biosolids Digester Facilities Project

Built in 1952, the Southeast Treatment Plant (SEP) is San Francisco's largest wastewater facility and treats 80% of the City's sewage and stormwater flows. Many of the existing SEP solids treatment facilities are over 60 years old, require significant maintenance, do not meet current seismic standards and are operating well beyond their useful life. To ensure our sewer system continues to provide sustainable and reliable operations, we are committed to upgrading our largest and oldest treatment facility.

The Biosolids Digester Facilities Project (BDFP) will replace and relocate the outdated existing solids treatment facilities with more reliable, efficient, and modern technologies and facilities that will help transform the SEP into a modern resource recovery facility, a City destination, a proud neighborhood asset, and an attractive workplace. The new facilities will produce a higher quality biosolids, capture and treat odors more effectively, and maximize biogas utilization and energy recovery for the production of heat, steam and energy. In addition, the project will locate the digesters farther away from existing residences and make visual improvements in and around the SEP.

Current Project Timeline

DESIGN

- Summer 2019 - Design Complete

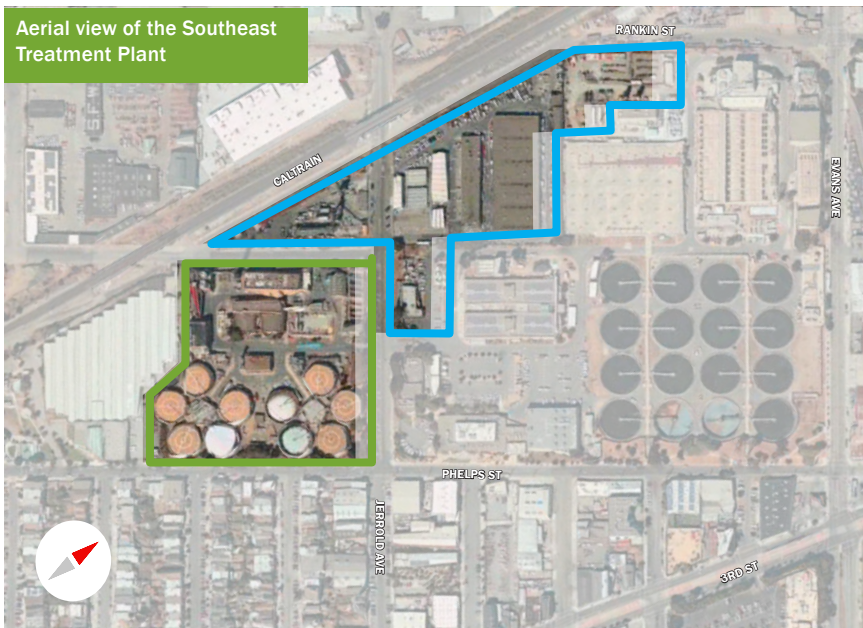
CONSTRUCTION

- Late 2019 - Construction Start
- Summer 2025 - Construction Complete

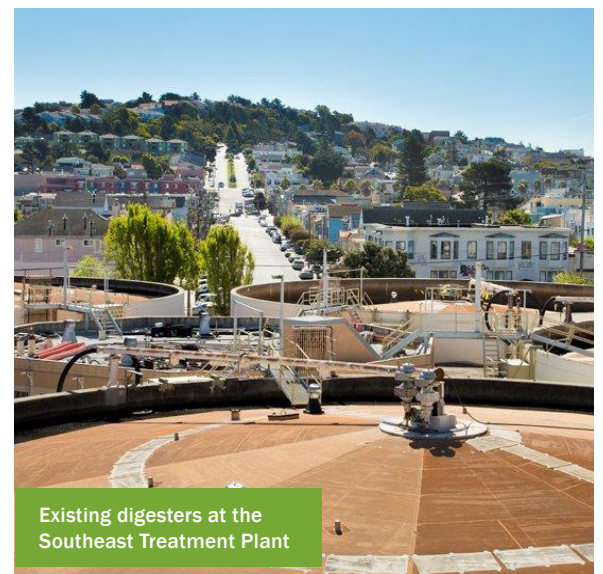
COMPLETE

- Summer 2026 - Facility Start-up

Aerial view of the Southeast Treatment Plant



— Existing digester facilities location — Proposed digester facilities location



Existing digesters at the Southeast Treatment Plant

Project Objectives

- Address aging infrastructure – Construct new, modern, proven and efficient treatment technologies
- Maintain regulatory compliance
- Build critical processes with redundant infrastructure to provide reliability and operational flexibility
- Improve seismic reliability
- Beneficially use 100% of biosolids and biogas produced
- Improve odor, noise and visual quality

Next Steps

The project is preparing to start construction in late 2019, including:

- Developing a traffic control plan
- Site preparation activities

For more information visit sfwater.org/digesters.



Rendering of the biosolids digester facilities and related improvements on Jerrold Avenue.

Go on a Tour of the Southeast Treatment Plant!

Our tours are free, fun and held on the fourth Saturday of the month from April through October. RSVP ahead of time, as they fill up fast! Tour attendees must be over the age of nine. For tour information, visit sfwater.org/tours.

Want to Learn More?

Contact us about a presentation for your school, neighborhood group, or community organization at ssip@sfwater.org or call (415) 551-4SEP (4737).

About the Sewer System Improvement Program (SSIP)

The Sewer System Improvement Program (SSIP) is a 20-year, multi-billion dollar citywide investment required to upgrade our aging sewer system. The program 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.



Services of the San Francisco
Public Utilities Commission

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SYSTEM**
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