



San Francisco  
**Water Power Sewer**

Services of the San Francisco Public Utilities Commission

# Biogas Utilization Project Updates and **Future Southeast Treatment Plant Projects**

Presentation for: **Southeast Community Facilities Commission**

10.23.2024

# Agenda

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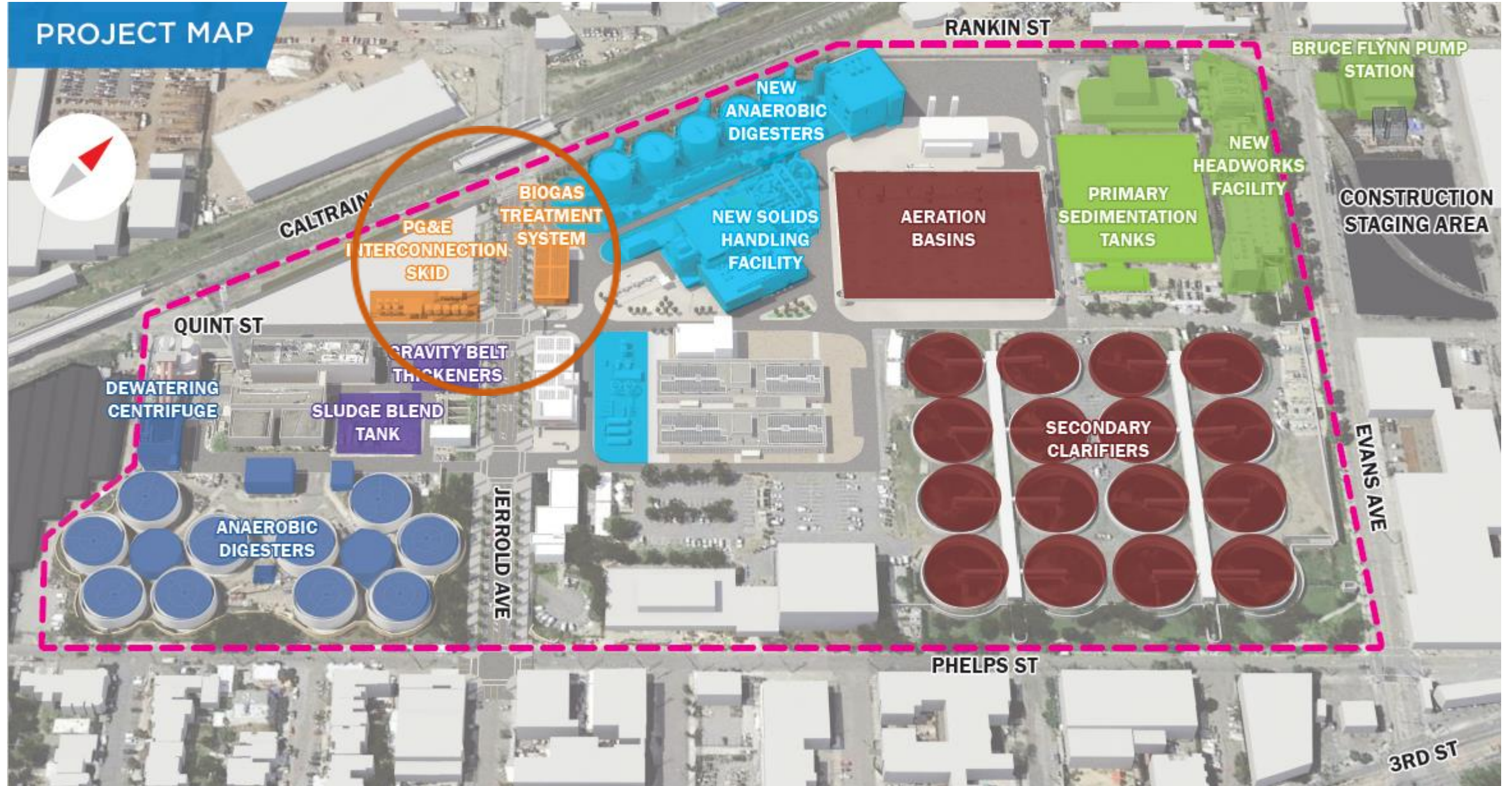
- **Biogas Utilization Project update**
- **Future Southeast Treatment Plant Projects**
- **Q&A**

# SOUTHEAST TREATMENT PLANT BIOGAS UTILIZATION PROJECT UPDATE

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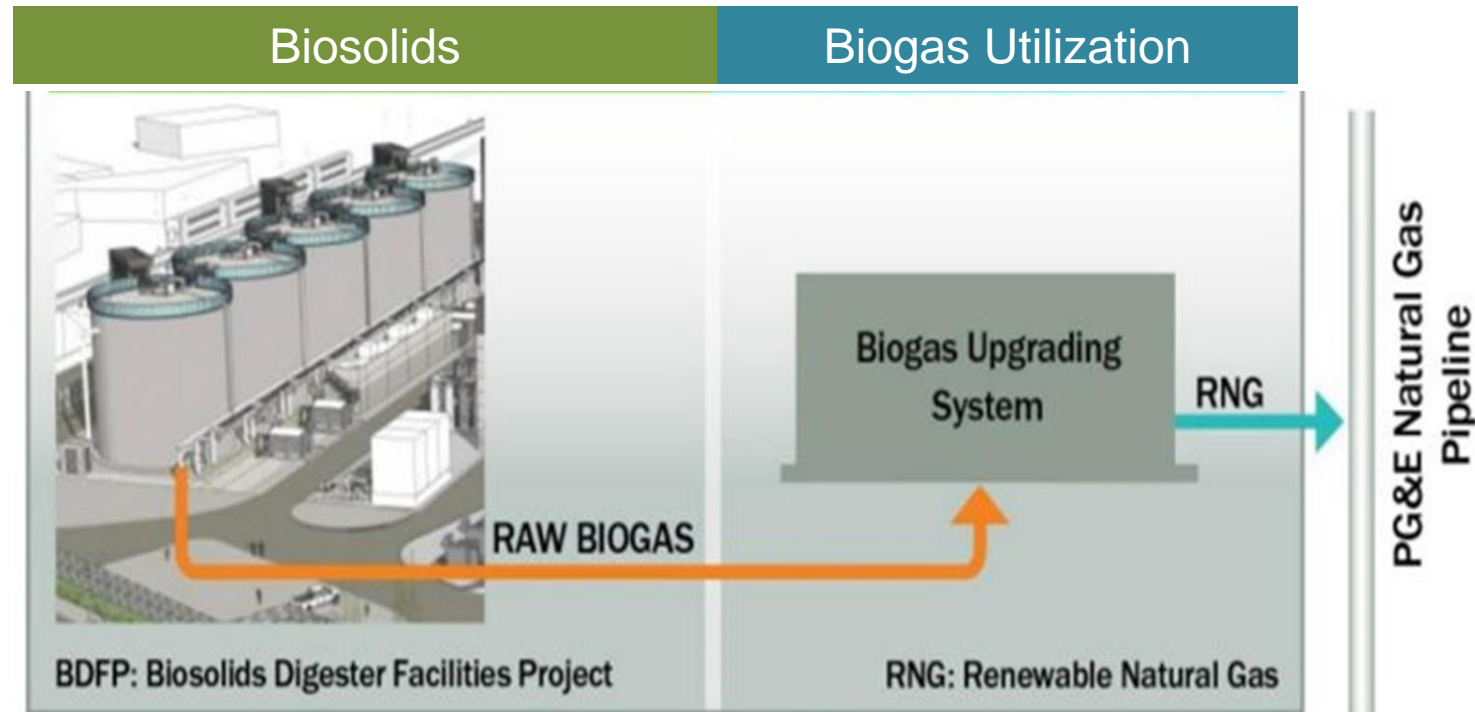
Daniela Brandao, Project Manager

# Southeast Treatment Plant



# Biogas Utilization Project Update

- The new biogas system will upgrade the raw biogas to renewable natural gas quality for injection into PG&E's existing natural gas pipeline for distribution to end users.
- Design-Build contract awarded on October 22.
- New project-specific information.



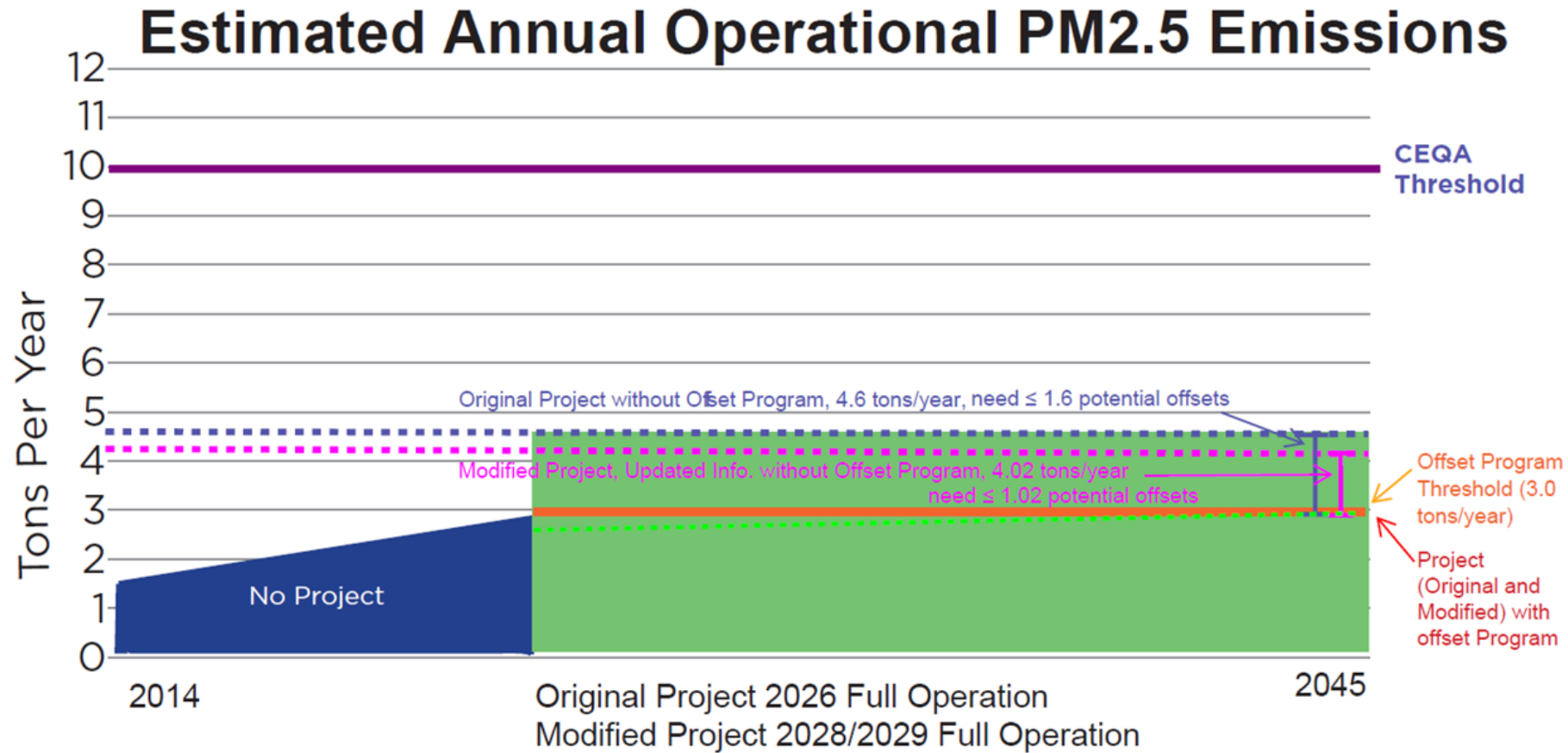
# Net Operational Criteria Air Pollutant Emissions with the Modified Project\*

Approach	Annual Emissions (Tons/Year)			
	ROG	NOx	PM <sub>10</sub>	PM <sub>2.5</sub>
Existing (2014) Total	5.0	22	1.7	1.7
FEIR Approved Project - Full Operation (2045) (Net Change to Existing) <sup>34</sup>	- 4.3	2.6	2.9	2.9
Proposed Modified Project - Full Operation (2045) (Net Change to Existing) <sup>35</sup>	-2.9	-3.2	<del>3.8</del> 2.3	<del>3.8</del> 2.3
CEQA Significance Threshold (Tons/Year)	10	10	15	10
Modified Project Emissions Above Threshold?	No	No	No	No

\*NOTE: Emissions have been revised based on updated project-specific equipment information.

• Source: EIR Addendum Table 6

# SFPUC's Environmental Justice Commitment



# Our Commitment

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**We remain dedicated to our environmental justice commitments made in 2017:**

**We will ensure that future emission levels from the new facilities *will not* exceed projected emissions rates under the no-project alternative (3.0 tons per year) including offsets as needed.**



# Air Quality Conversations with Community

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- We are attending AB 617 Steering Committee and its air quality subcommittee meetings
- Gathering information on potential offsets
  - Plant PM2.5-reducing trees and vegetation
  - Expand the electric vehicle charging station network and support electrification of surrounding industry
  - Provide indoor air quality filters for homes and businesses
  - Support replacement and maintenance of HEPA filters in schools
  - Expand community air quality monitoring

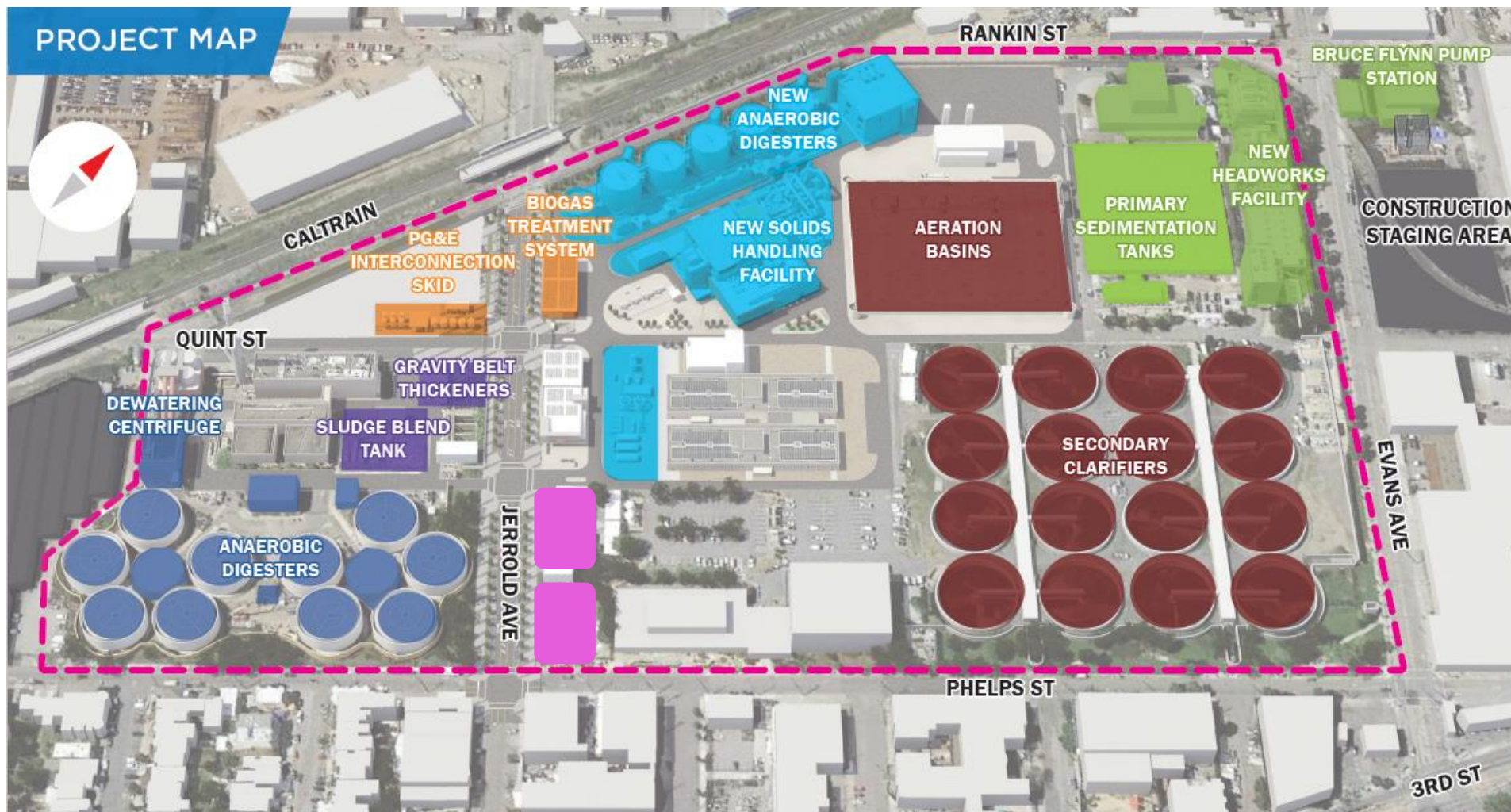
*\*Ideas above are initial explorations and pending analysis of feasibility and operational emissions.*

# FUTURE PROJECTS

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Robert Mau, Project Manager for New Operations, Engineering and Maintenance Buildings

# Southeast Treatment Plant



Future Buildings Planned

# Employee-Staff Buildings Overview

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- **New Operations, Engineering and Maintenance Buildings**
  - They are staff buildings
  - Summer 2025\* to Summer 2027
  - Environmental review underway (addendum to Biosolids Digester Facilities Project EIR\*\*)
    - Multiple measures to minimize construction emissions
    - Minimal PM 2.5 operation emissions from emergency backup generators only; emissions remain 2.3 tons/year
- More construction job opportunities for local contractors and residents

*\*subject to change*

*\*\* EIR = Environmental Impact Report*

## New Operation, Engineering and Maintenance Buildings



## INTERSECTION OF JERROLD + PHELPS

# New Operation, Engineering and Maintenance Buildings

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- Will provide better working conditions for engineering and operation staff.
- Will improve Plant operational efficiency and meet the increase of our level of service.

# Schedules \*

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- **Biogas Utilization Project:**
  - Contract awarded: October 2024
  - Notice to proceed: November 2024
  - Design-Build: November 2024 – September 2027
- **New Operation, Engineering and Maintenance Buildings: Fall 2025**

*\*subject to change*

# How We Share Our Updates

- Project updates are shared on a regular basis through monthly e-blast updates, online news features, community newsletters.
- We encourage signing up for our regular eNewsletter at [sfpuc.gov/sepconstruction](https://sfpuc.gov/sepconstruction)

eNewsletter





THANK YOU!

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QUESTIONS?

# Jobs & Contracts Resources

- **CityBuild Jobs Hotline**  
415-701-4817  
citybuild@sfgov.org
- **Jobs Information Hotline**  
(non-SFPUC/non-City Jobs): 415-934-5777
- **Contractors Assistance Center**  
open M-F 9am-5pm (415) 467-1040  
or acp@sfgwater.org

Contractors Assistance Center



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## For More Information

**Construction:** [sfpuc.gov/construction-contracts/construction-projects/sepconstruction](https://sfpuc.gov/construction-contracts/construction-projects/sepconstruction)

**Interested bidders:** [Bids On Line \(sfpuc.gov\)](https://sfpuc.gov/bids)

**Email:** [ssip@sfgwater.org](mailto:ssip@sfgwater.org)

**Construction Hotline:** (415) 551-4737