



Additional Digester Facility Upgrades Vendor Open House

Capital Improvement Program

September 11, 2024



San José-
Santa Clara
Regional
Wastewater
Facility

Agenda

1. San José-Santa Clara Regional Wastewater Facility (RWF)
2. Capital Improvement Program (CIP)
3. Additional Digester Facility Upgrades (ADFU) Project
4. City of San José Procurement Process
5. ADFU Site Tour
6. Questions & Answers
7. Networking

Regional Wastewater Facility



- One of the largest advanced wastewater facilities on the West Coast
 - 167 MGD capacity
 - 2,600 acre site
- Serves
 - 1.4 million people
 - 17,000 businesses
 - 8 cities & County areas
- Continually operating 24/7 since 1956

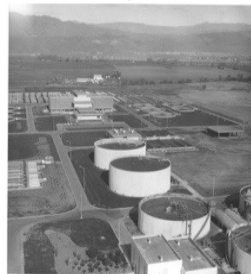
Historical Improvements

1956



Primary Treatment

1964



Secondary Treatment

1979



Tertiary / Advanced Treatment

1997



Biological Nutrient Removal / South Bay Water Recycling

2013



Plant Master Plan Adopted

2020



Cogeneration Facility

2024



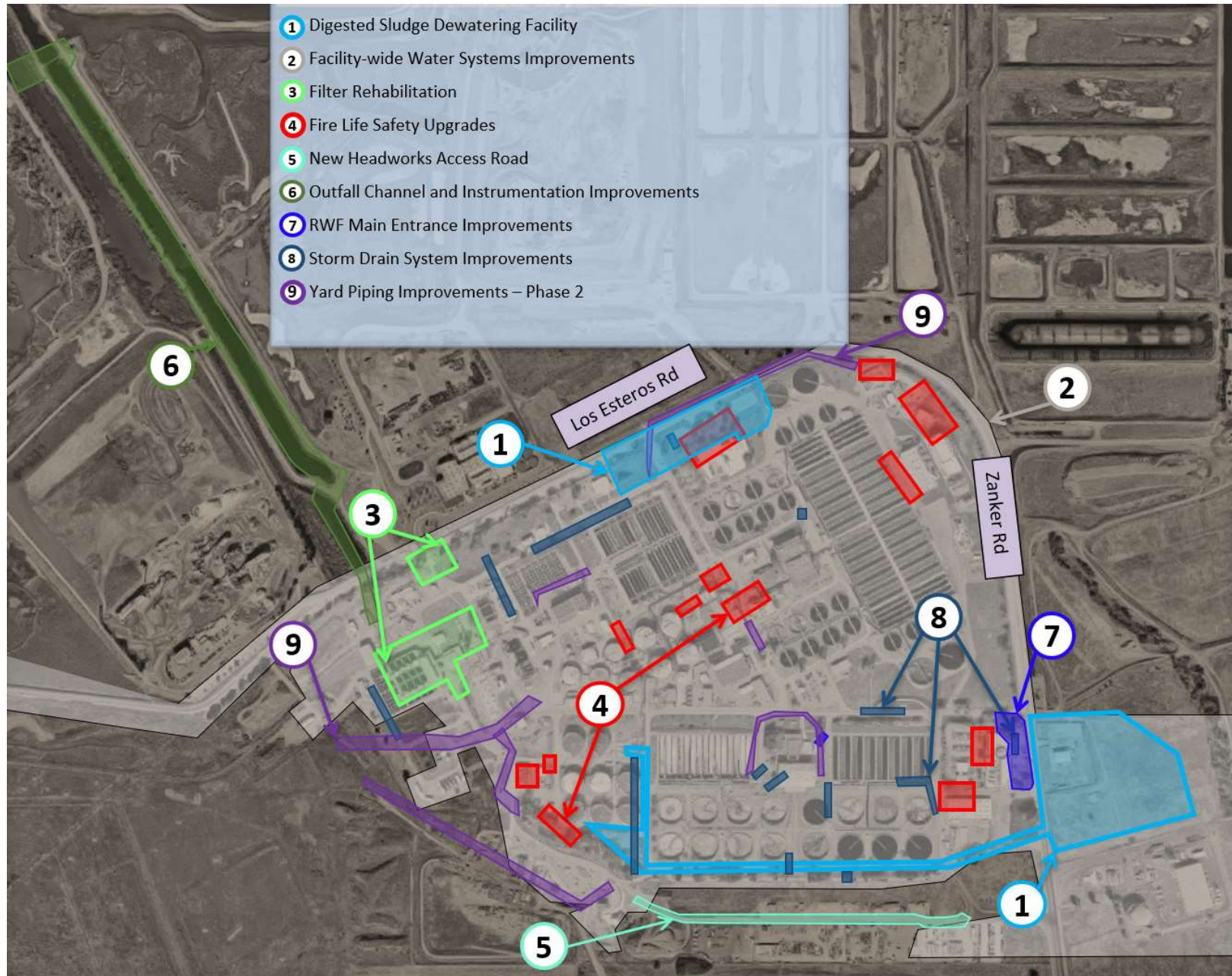
Master Plan Technical Update

Capital Improvement Program

Program Successes

- Construction continues despite challenges with supply chain and equipment lead times
- Operating 24/7 with no permit violations
- 48 projects initiated to date
 - 30 projects completed valued at \$533M
 - Four DB projects – 2 completed valued at \$233M, 2 ongoing valued at \$289M
- 80% of projects completed within budget
- Over 280,000 construction man hours
- Numerous awards and recognition
- Ongoing protection of lower South Bay

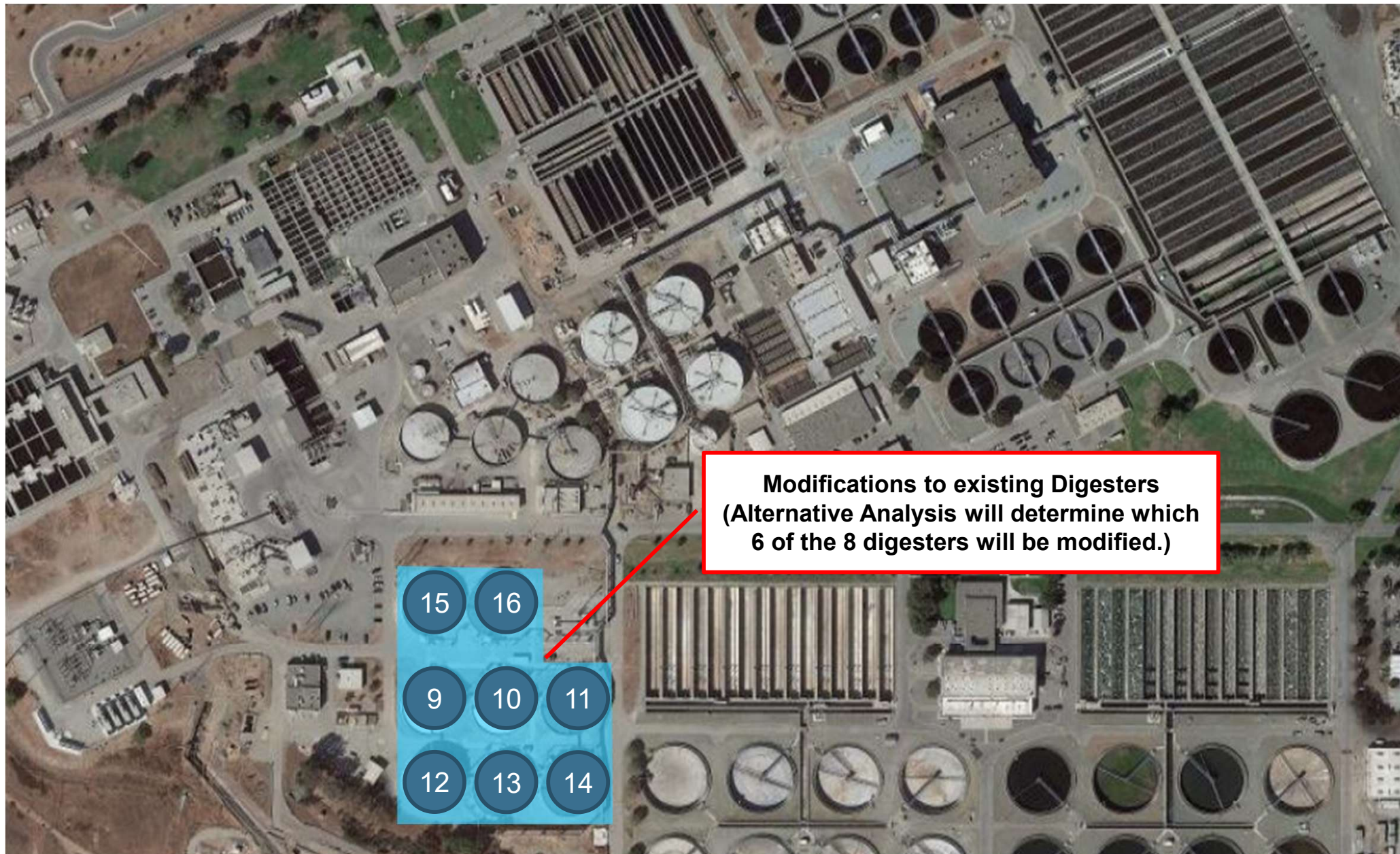
CIP – Projects In Construction



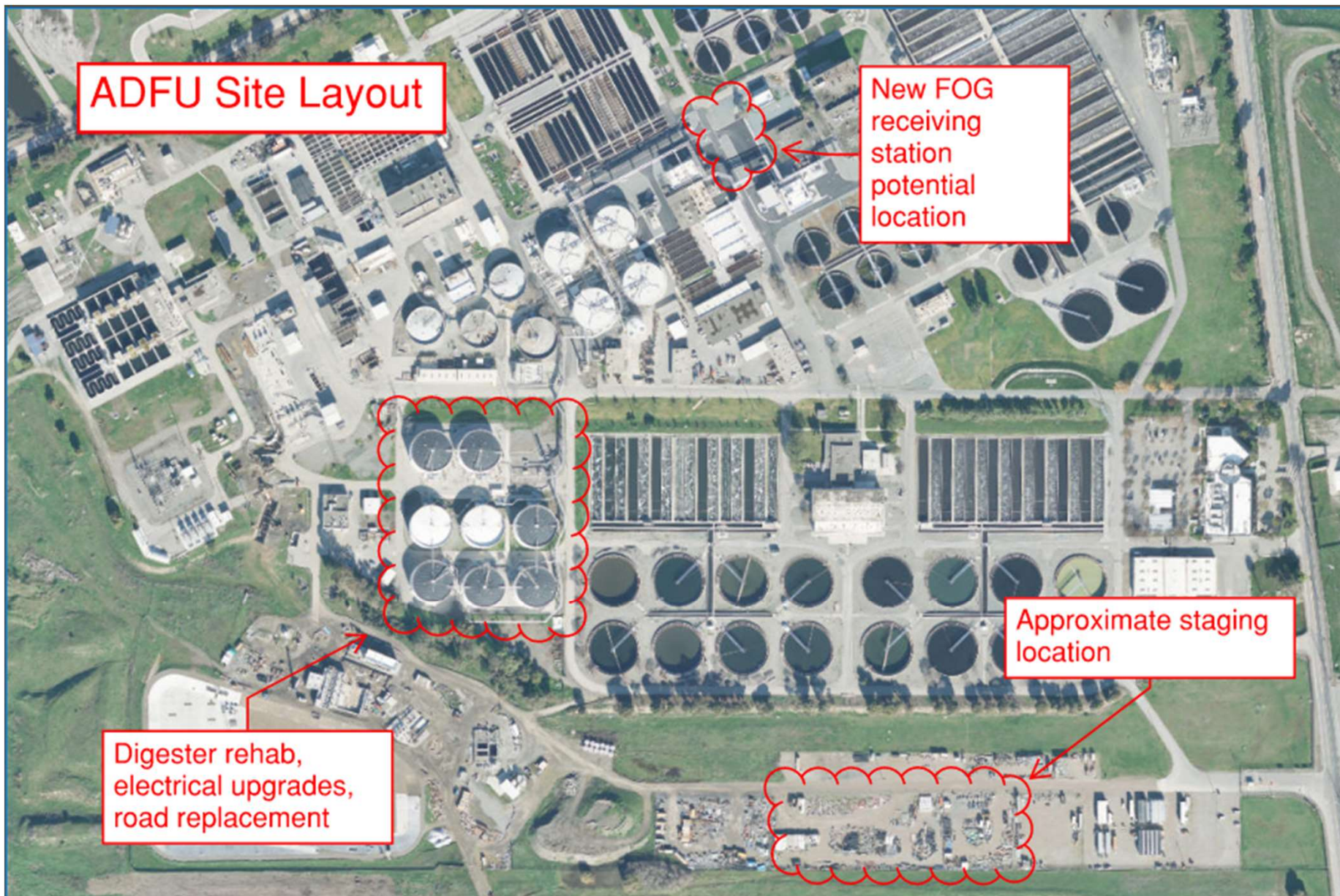
Additional Digester Facility Upgrades Project



Additional Digester Facility Upgrades Site Plan



Additional Digester Facility Upgrades Site Plan



Additional Digester Facility Upgrades

Project Details

- Rehabilitate/Replace 4-6 mesophilic digesters
- Construct new FOG receiving station
- Replace digester electrical system
- Miscellaneous solids treatment improvements

Current Stage:

Design Build
Procurement Planning

Delivery Method:

Design-Build

Owners Advisor:

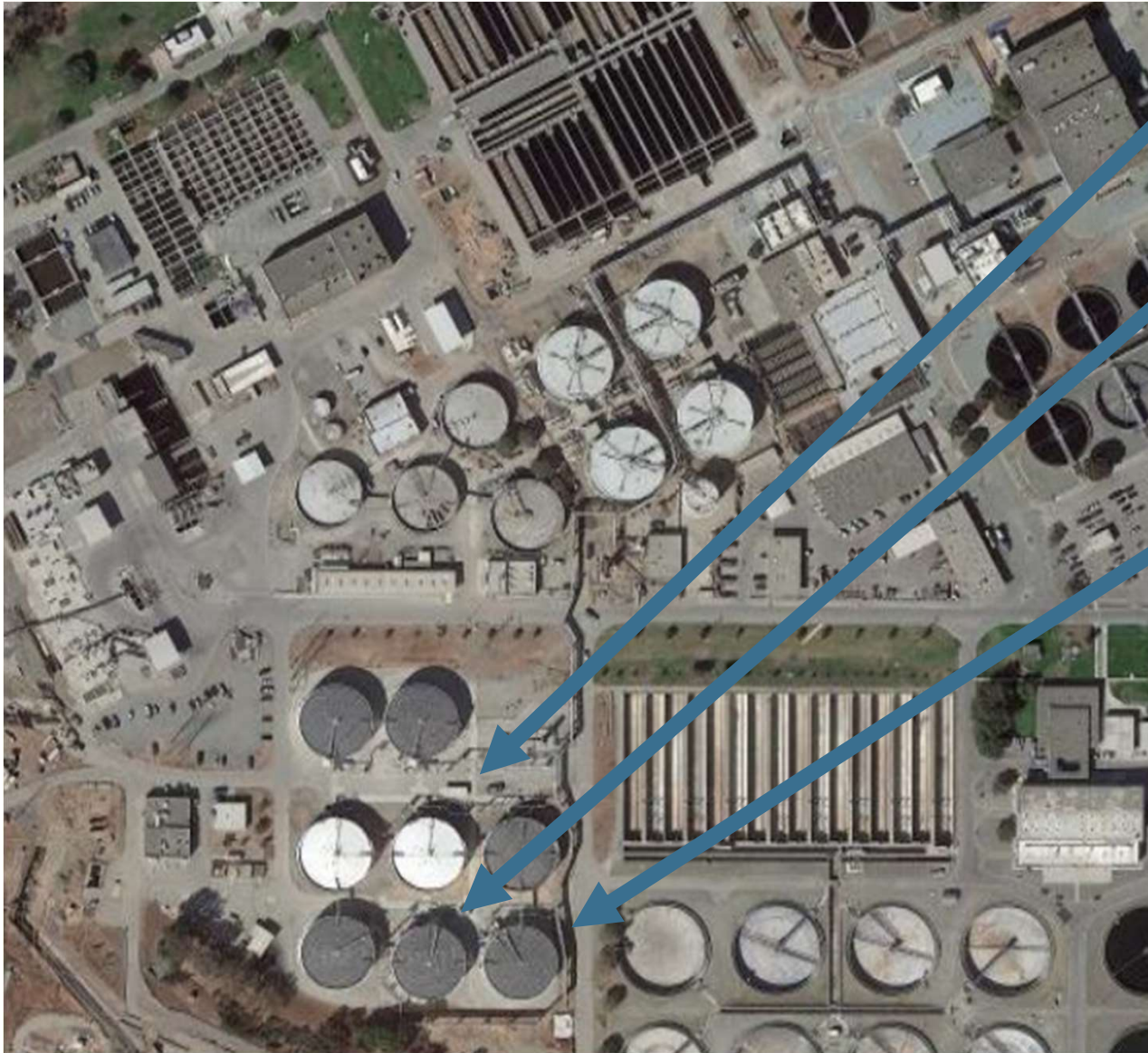
Carollo

Current Estimate:

\$115M (Class 5 OPCC)

Additional Digester Facility Upgrades

Site Constraints



- Tunnel System
- Equipment between digesters
- Pipe rack

All amounts are subject to change.

Additional Digester Facility Upgrades Target Schedule

- **RFQ Advertisement:** February 2025
- **RFP Advertisement:** April 2025
- **DB Team Selection:** June 2025
- **NTP:** October 2025

City of San José Procurement Process



Procurement Process

Design-Build

Request For Qualifications (RFQ) advertisement on Biddingo

Evaluation process

Notice naming shortlisted entities

RFP advertisement on Biddingo

Evaluation process

Notice of Final Rankings

Contract negotiation and award

Contract execution

All communication is via [Biddingo](#), the City's procurement solicitation website.

For further questions, contact lauren.profeit@sanjoseca.gov

Project Labor Agreement Update

- Project Labor Agreement (PLA)
 - Pre-hire collective bargaining agreement that establishes labor terms and conditions, with the Santa Clara and San Benito Building Trades Council for most construction projects of \$3 million or more.
 - The current PLA is being amended to apply to projects of \$1.21 million or more.
 - [PLA Agreement](#)
- For more information, please contact the City of San José's Office of Equality Assurance at (408) 535-8430.

Solicitation Website – www.biddingo.com/sanjose

Doing Business with City of San José

Thank you for your interest in doing business with the City of San José. The City uses Biddingo.com as its e-procurement solution. You can register with Biddingo to receive, at no cost, notification of and access to City of San José solicitations, electronic documents, solicitation amendments, document takers, and bid results.

Please make sure that your profile is accurate, complete, and kept up to date. You will automatically be notified by e-mail when a new bid is published for the commodity code(s) you select in your profile.

To get started with a new registration or to update your existing information, please click on Vendor Registration / Update.

[Vendor Registration / Update](#)

For questions regarding the vendor registration process or assistance with using the Biddingo system, please see the online guide on the main menu or contact Biddingo support by email at info@biddingo.com or by phone:

- Los Angeles Office (M-F, 8:30 AM to 5:30 PM PT): 1-800-208-1290 (Toll Free)
- Toronto Office (M-F, 8:30 AM to 5:30 PM ET): 1-416-756-0955

Please register with Biddingo to receive notifications on bid release.

www.biddingo.com/sanjose

When procurements go live, all questions must be submitted via Biddingo.

Search Keyword

Q Search

Choose start date

Choose end date

Type
Closing Date

Reset

City of San José - Purchasing

City of San José - Public Works

City of San José - Consulting

City of San José - Grants

Bid Listing

 : Revised

ADFU Site Tour



Please come back at 3:00 p.m.
for Q&A session

Questions & Answers



San José-
Santa Clara
Regional
Wastewater
Facility

Additional Information

- Capital Improvement Program

www.sanjoseca.gov/cip

- San José-Santa Clara Regional Wastewater Facility

- SJEnvironment.org/RWF

- [ADFU Project Site](#)

The screenshot displays the City of San Jose website's navigation structure. The top navigation bar includes links for RESIDENTS, BUSINESSES, JOBS, YOUR GOVERNMENT (underlined), and NEWS & STORIES. A left-hand sidebar menu lists various services, with 'Capital Improvement Program' highlighted in yellow and 'CIP Document Library' circled in red. The main content area shows a breadcrumb trail: 'Your Government > Departments & Offices > Environmental Services > Water Utilities > Regional Wastewater Facility'. The main heading is 'CAPITAL IMPROVEMENT PROGRAM', followed by six circular icons: Accomplishments, Budget, Upcoming Procurements, Regulation, Reports, and Plant Master Plan. Below this is a sub-heading 'REBUILDING FOR OPERATIONAL RELIABILITY, SUSTAINABILITY AND REGULATIONS' and a paragraph: 'As a vital business and residential center, Silicon Valley requires a modern, state-of-the-art treatment plant to reliably clean its wastewater. The Facility is addressing this need through its Capital Improvement Program (CIP), rebuilding infrastructure worn from over 60 years of nonstop service, and updating treatment processes with exciting new technologies.' An aerial photograph of the facility is shown at the bottom.

The City posts its procurement opportunities, including all procurement documents, questions and answers, addenda, and final results, on Biddingo, the City’s internet-based e-procurement system:
<https://www.biddingo.com/sanjose>.

Vendors must register in Biddingo to receive procurement-related notifications and to respond to City of San José solicitations. While Biddingo does offer additional optional for-fee services, there is no cost to register for, receive, and respond to City of San José solicitations. If you have questions or need assistance registering in Biddingo, please contact Biddingo directly at (800) 208-1290 or via email at ebidding@biddingo.com.

Information about CIP-related procurements, including construction Requests for Bids and professional service Requests for Qualification and Requests for Proposals can be found by filtering by “Public Works”.

Construction Opportunities

Procurement Name	Description	Anticipated Advertisement ¹	Construction Estimate ²
Yard Piping Improvements - Phase 3	This project will repair approximately eight process pipes and one flow study of a plant drainpipe. The pipes identified are high risk due to age and function at the Regional Wastewater Facility. The scope includes rehabilitation or replacement based on condition assessment results.	January 2025	\$15,690,305
Building 40 VFD Room HVAC Improvements	The scope of this project is to construct a new, closed-loop, HVAC system for the variable frequency drive (VFD) room in Building 40. This system will be similar to other VFD rooms at the RWF and will consist of an air handling unit (AHU) and supply and return ductwork.	April 2025	\$2,600,000
Camera & Card Reader Upgrades	This project will upgrade/install access card readers and security cameras throughout RWF and RSM. This project will install new proximity card badging stations and convert vacated lab to server room for security system.	September 2025	\$7,000,000

Design-Build Opportunities

Procurement Name	Description	Anticipated Advertisement ¹	Construction Estimate ²
Additional Digester Facility Upgrades	This project will renew the tanks structure and the mechanical, electrical, and instrumentation & control equipment associated with the mesophilic digesters along with replacing the existing floating covers with fixed covers. In addition to the mesophilic digester upgrades, the ADFU project will be constructing a new Fats Oil and Grease (FOG) receiving facility, including storage tanks and new connections to existing facilities.	February 2025	\$114,135,073

¹ All dates are estimates and are subject to change.

² All amounts are estimates and are subject to change.

Capital Improvement Program Attendee List



San José-Santa Clara
Regional Wastewater Facility

Meeting Information:

Meeting Name: Additional Digester Facility Upgrades (ADFU) Project Vendor Open House

Date: Wednesday, September 11, 2024

Time: 1:30 p.m. – 3:30 p.m.

Location: RWF, Administration Building, 700 Los Esteros Road, San José, CA 95134

#	Company	First Name	Last Name	Email Address
1	Acco Engineered Systems	Kemba	Parker	kparker@accoes.com
2	ARCpoint Labs	Ani	Anindya	asanyal@arcpointlabs.com
3	Badger Daylight	Dave	Johnson	davjohnson@badgerinc.com
4	Black and Veatch	Engin	Gueven	guvene@bv.com
5	Black and Veatch	Jesse	Wallin	WallinJW@bv.com
6	Brown and Caldwell	Jeff	Jacobson	jjacobson@brwncald.com
7	Brown and Caldwell	Mitch	Yoffe	myoffe@brwncald.com
8	CDM Smith	Lauren	Sullivan	sullivanlr@cdmsmith.com
9	CMS Environmental Services	Cory	Suppes	cory@cmsenvironmental.net
10	Conсор	Anthony	Lamb	anthony.lamb@consorpmcm.com
11	Cupertino Electric	Kristie	Kloeppel	kristie_kloeppel@cei.com
12	Cupertino Electric	Janesh	Patel	
13	Garney Construction	Jimmy	Stirrat	jstirrat@garney.com
14	Geo-Logic	Mohsen	Mahdavi	mmahdavi@geo-logic.com
15	HDR	Linc	To	linc.to@hdrinc.com
16	Hensel Phelps	Eloy	Garcia	egarcia@henselphelps.com
17	Hensel Phelps	Jordan	Kennedy	jkennedy@henselphelps.com
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19	Jacobs Engineering	John	Ryan	john.ryan1@jacobs.com
20	JF Shea	Ric	Eli	ric.eli@jfshea.com
21	Karish Industries	Bruce	Smith	bruce@karishelectro.com
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24	Kiewit	Brian	Gardner	brian.gardner@kiewit.com
25	Kiewit	Vimal	Patel	Vimal.Patel1@kiewit.com
26	LWG Construction	James	Tubbs	jtubbs@lwginc.net
27	Myers & Sons	Mike	Hutchings	mike.hutchings@myers-sons.com
28	Omniscient	Sasan	Teymouri	sassan@omniscient.com
29	Parsons	Mary	Martis	mary.martis@parsons.com
30	Parsons	Alan	Wong	alan.wong@parsons.com
31	PCL Construction	Baird	Kerr	bbkerr@pcl.com
32	PCL Construction	Darren	Wright	dmwright@pcl.com
33	Plant Construction	Darcy	Narduzzi	darcyn@plantco.com
34	Silicon Valley Advantage	Richard	Robinson	richard@svadvantage.com
35	Southbay Foundry	Jesus	Garibay	jesus.g@southbayfoundry.com
36	Structural Technologies	Ian	McFatrige	imcfatrige@structuraltec.com
37	Swagelok	Annamarie	Armstrong	aarmstrong@swagelok.com
38	Swagelok	Bennett	Blosser	bennett.blosser@swagelok.com
39	Synagro	John	Pugliaresi	jpugliaresi@synagro.com
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45		Aaron	Harris	
46		Carla	Collins	
47		Dan	Lopez	
48		Mark	Wilson	
49		Ryan	Myers	