

SSIP PHASE 1 PROGRAM EXECUTIVE SUMMARY

APRIL - JUNE 2021

Southwest Wastewater Treatment Plant: Biosolids Digester Facilities Project



COMMUNICATIONS

APRIL - JUNE 2021

In the News

- One (1) media mention of the incident of dried sludge igniting at the Southeast Treatment Plant during demolition work

Highlights of Conducted Outreach

- **Monthly citywide and District 10 focused email newsletters to 4,500+ recipients** providing Project Updates and Community Resources
- **Southeast Construction Updates Email** - bi-weekly email newsletters to 700+ recipients providing construction updates on projects underway in the area
- **Force Main Rehabilitation at Embarcadero and Jackson Project** - ongoing outreach and coordination with other upcoming SFMTA projects along Embarcadero
- **April** - Virtual community presentation to People of Parkside Sunset Merchants Association on Westside Pump Station Reliability Improvements project construction
- **April** - Print and digital notices to businesses, residents and property owners for the North Shore Pump Station Wet Weather Improvements start of construction
- **April** - Southeast Treatment Plant Project update to the Bayview Merchants Association
- **May** - 15th Annual Construction Contractors Breakfast
- **May** - Supervisor Melgar District 7 briefing on Westside Pump Station Reliability Project and Wawona and Vicente Street Stormwater and Water Main Replacement Project
- **May/June** - Print and digital notices to Mission district stakeholders and regular briefings to Mission Merchants Association for the Mission Brick Sewer Rehabilitation project
- **June** - Print and digital notices to businesses, residents and property owners for the Westside Pump Station Reliability Improvements project start of construction
- **June** - Supervisor Chan District 1 briefing on Westside Pump Station Reliability Project and Ocean Beach Climate Change Adaptation Project
- **June** - Virtual community presentation to West Portal Merchants Association on Wawona and Vicente Street Stormwater and Water Main Replacement project construction
- **June** - Print and digital notices of upcoming work to businesses, residents and property owners for the New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation project

Upcoming Outreach Events

- **July** - Pre-construction virtual meetings and in person door-to-door outreach to businesses, residents, and property owners in the immediate project area for the New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation project
- **July** - Biosolids Digester Facility Project: Digester Building (B610) LBE & Prime Networking Event
- **July - September** - Construction impact coordination meetings with educational facilities and business owners in the project areas of Wawona and Vicente Street Stormwater & Water Main Replacement project
- **August/September** - Joint agency community town hall meeting on Ocean Beach project
- **August** - Promote completion of Sunset Boulevard Greenway project



San Francisco
Water
Power
Sewer

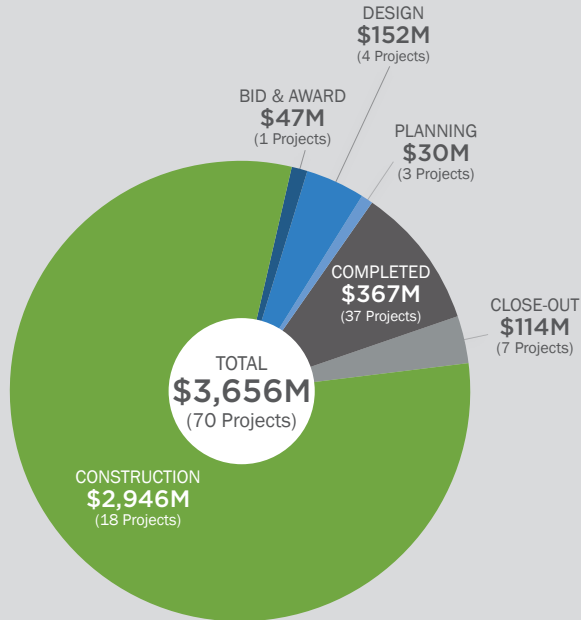
Services of the San Francisco
Public Utilities Commission

**SEWER
SYSTEM**
IMPROVEMENT PROGRAM
Grey. Green. Clean.

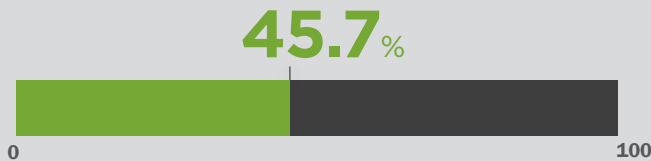
PHASE 1 METRICS

AS OF JUNE 2021

Projects by Phase



Percent Complete



ONGOING AND UPCOMING CONTRACTS

- Advertise Biosolids Digester Facility Project contracts for Digester Building B610
- Advertise Kansas and Marin Streets Sewer Improvements in the next quarter
- Various trade packages for WW-647R, SEP Biosolids Digester Facilities Project, sepbiosolids.com/bid-opportunities

KEY UPDATES

APRIL - JUNE 2021

Programmatic

- Continued construction on the Southeast Area Major projects which include Biosolids Digester Facility Project (BDFP), Headworks and the Southeast Community Center
- Continued extensive remote work practices and ongoing review of construction activities including site-specific health and safety protocols in response to Shelter-in-Place Public Health Order
- Participated in Infrastructure Week with promotion of ongoing construction projects upgrades and photos
- Conducted Green and Grey Infrastructure for Stormwater Management and Flood Resilience workshop with Commission in April and June

Biosolids Digester Facilities Project (BDFP)

- Scope I, site preparation (demolition and utility relocation), reached final completion in June 2021
- Construction Manager/General Contractor (CM/GC – MWH-Webcor Joint Venture) bidding procurement for the new digester facilities. SFPUC staff evaluating optimal project delivery approach for the remaining biosolids facilities

SEP New Headworks Facility Project

- Completed SEP-011 Influent Pumping bypass construction
- Development of 95% Design underway for SEP-008 Influent Pumping Rehab and Revised Odor Control Facility

Southeast Treatment Plant (SEP)

- Direct coordination with Supervisor's Office, SFMTA, SFPW and SFPD regarding public safety concerns in the area

North Point Wet Weather Facility (NPF)

- WW-685R North Shore Pump Station Wet Weather Improvements commenced mobilization activities in April, Notice to Proceed for SEP 930 DCS scope of work issued in June

Oceanside Treatment Plant (OSP)

- WW-639 OSP Digester Gas Utilization Upgrade began construction of Building 741 Digester Gas Holder tank assembly in June

Collection System Reliability

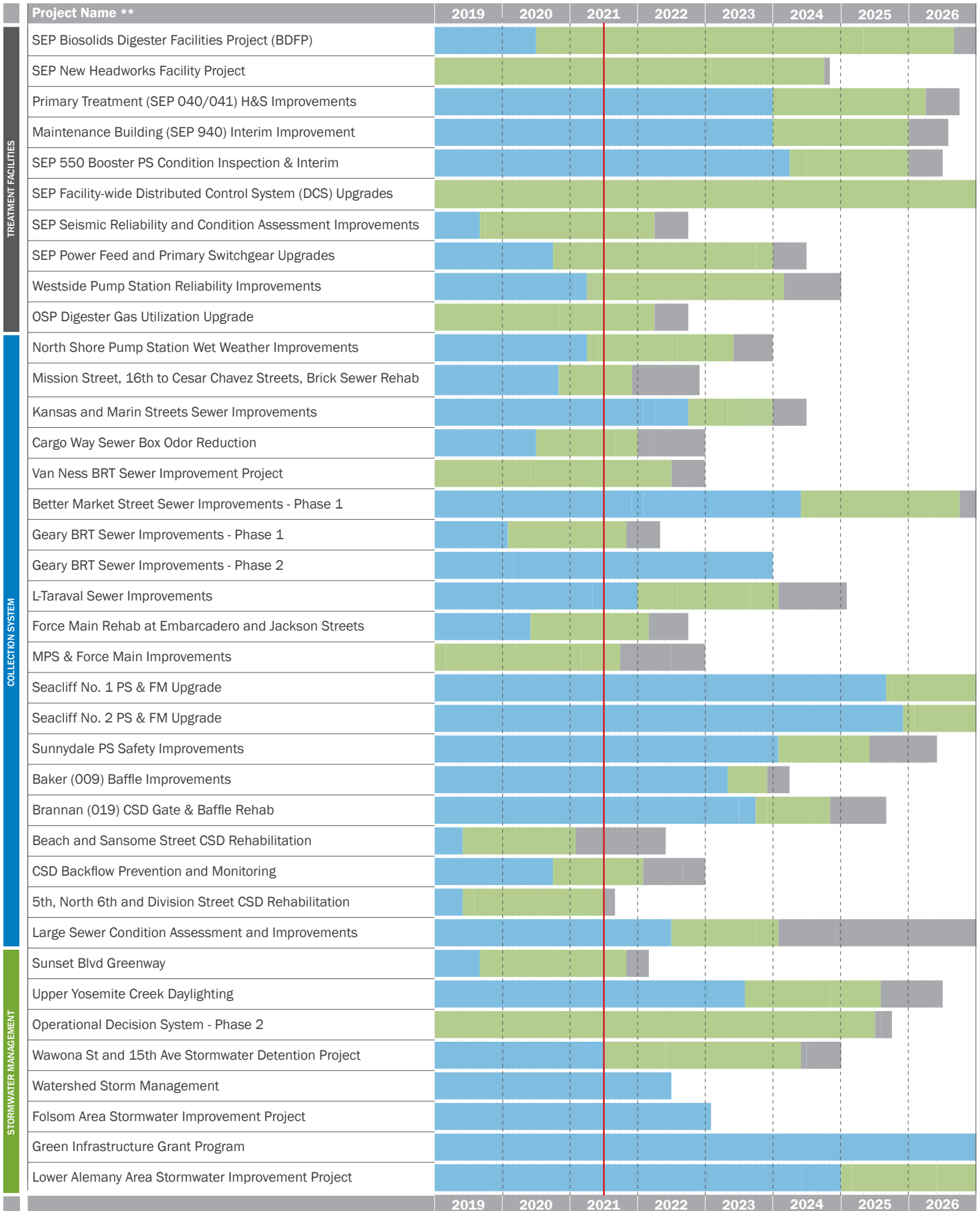
- NTP Issued for WW-645R Westside Pump Station Reliability in April. Removal of existing public art sculptures from site in May. 30-day Construction Notice and virtual community meetings occurred in June
- Beach and Sansome Street CSD Rehabilitation issued NTP for JOC-59-29
- Obtained authorization from the Commission for the Memorandum of Understanding with San Francisco Public Works related to Kansas and Marin Streets Sewer Improvements, and completed DB-131 Request for Qualifications package for the design build contract
- Contract awarded for WW-712 New Montgomery, Mission, Jessie & Minna Streets Brick Sewer Rehabilitation Project in May 2021

Stormwater Management

- RFP for Yosemite Creek Daylighting project advertisement in April with two proposals received
- WW-711 Wawona and Vicente Street Stormwater and Water Main Replacement project awarded contract
- Project team for Lower Alemany Area Stormwater Improvement Project presented to the Commission in April, Commission requested separate watershed assessment be performed to explore opportunities for green infrastructure

KEY SSIP PHASE 1 CAPITAL PROJECTS

AS OF THE WWE QUARTERLY REPORT, APRIL - JUNE 2021



Project Phases: ■ Planning - Bid & Award ■ Construction ■ Close-out

**Completed Projects Not Shown

CONSTRUCTION PHOTOS



Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation Project: The project uses a trenchless method called cured-in-place pipe (CIPP) technology to rehabilitate the brick sewer tunnel. CIPP lining is pulled into place with water and cured with hot water.



Bay Corridor Transmission and Distribution Phase 2 DB-129.2: Tie-in for duct bank from existing substation to new Bay Corridor Substation DB-130. This work includes placing conduits and trench cards in trench at Evans Avenue and Quint Street (Southeast Wastewater Treatment Plant [SEP]). Work will continue on Quint Street and then Davidson Avenue.



Cargo Way Box Sewer Odor Reduction Project: Concrete pour on southbound lane of Third Street at Cargo Way for the base of the manhole. Concrete elephant trunk method of pouring concrete.

LOOKING AHEAD

JULY - SEPTEMBER 2021

Programmatic

- Wastewater Enterprise Quarterly Report including Southeast area major projects update to Commission in July
- Initiate development of updated 2-year budget and 10-year Wastewater Capital Improvement Plan (CIP)

Biosolids Digester Facilities Project (BDFFP)

- Scope II, new Biosolids Facilities, and remainder of the construction work, NTP anticipated to be issued in July
- Request for authorization of the General Manager to negotiate contract scope of work and price reduction exceeding 10% of the contract amount for WWE, Contract No. WW-657R, Biosolids Digester Facility Project with Construction Manager/General Contractor, MWH Constructors/Webcor Builders Joint Venture

SEP New Headworks Facility Project

- Complete remaining demolition of SEP-011 building.
- Continued development of SEP-008 (Influent Pumping rehabilitation) and Revised Odor Control Facility design package

North Point Wet Weather Facility (NPF)

- WW-685R North Shore Pump Station Wet Weather Improvements begins demolition of HVAC equipment

Collection System Reliability

- Site mobilization and median demolition as part of traffic control plan for WW-645R Westside Pump Station Reliability targeted for July and August.
- Sand placement activities commence for US Army Corps of Engineer Beach Nourishment Project as part of the Ocean Beach Climate Change Adaptation Project short-term improvements phase in July
- Start Alternatives Analysis evaluation for Brannan CSD Gate & Baffle Rehabilitation
- Beach and Sansome Street CSD Rehabilitation preconstruction meeting for JOC-59-29 in July 2021
- Execute Memorandum of Understanding with San Francisco Public Works related to Kansas and Marin Streets Sewer Improvements, issue Request for Qualifications for the design build contract (DB-131), and prepare the RFP package

Stormwater Management

- NTP in July, site mobilization and staging activities for WW-711 Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement
- Develop subsurface easement agreements with property owners and continue tunnel component design for the Folsom Area Stormwater Improvement Project
- Promote completion of Sunset Boulevard Greenway project in August 2021 after removal of final fencing

Interdepartmental

- Bid opening for Segment B contract for Taraval Sewer Improvements in July