

# SSIP PHASE 1 PROGRAM EXECUTIVE SUMMARY

JULY - SEPTEMBER 2015

ACTIVE BUILDING



Geotech Boring near Central Shops at SEP

## COMMUNICATIONS

JULY - SEPTEMBER 2015

### In the News

- Four media mentions of SSIP related projects, including a WE&T article highlighting the Upper Yosemite Creek Daylighting/Yosemite GI and Chinatown Green Alley/Northshore GI projects
- "SF Sewers: You Can't Live A Day Without Me" rap video exceeds 41,000 views
- Oak and Fell Project/Channel GI continued to receive positive coverage by local bloggers

# 698,240+

## IMPRESSIONS

Includes social media outlets (Facebook, Twitter, Instagram, Youtube, LinkedIn), SSIP Web page views, treatment plant tours, community meeting attendees from July 2015 to September 2015. This is a 5.8% increase over the last reporting period.

### Outreach

- Two outreach events for upcoming professional services contracts at SEP held at the Contractors Assistance Center
- Four green infrastructure training sessions held at the Contractors Assistance Center
- Conducted "Meet the Project Managers" event for business owners near SEP
- Two public presentations on flooding for residents in the Cayuga/17th & Folsom neighborhoods



Conducted BDFP CEQA scoping meeting and community presentations

### Upcoming Events

- October 28: Insurance agents training on flood protection
- November 10: Contractors Training, Projects with SRF Funds
- November 18: SE Working Group & SE Community Facility Commission Meetings
- November: Public presentations on flooding at Cayuga, Wawona, and Folsom neighborhoods
- December 8: Quarterly Report, SFPUC Commission
- December 17: Winter Wonderland, Bayview Holiday event



San Francisco  
**Water**  
**Power**  
**Sewer**

Services of the San Francisco  
Public Utilities Commission

# SEWER SYSTEM

IMPROVEMENT PROGRAM  
Grey. Green. Clean.

## KEY ACCOMPLISHMENTS

JULY - SEPTEMBER 2015

### Programmatic

- One State Revolving Fund (SRF) loan application approved, and three additional applications submitted
- Published the 2014 SSIP Annual Report
- Establishing scope, schedule, and budget baseline of Phase 1 projects
- Developed draft Green Infrastructure Construction Guidebook and held four trainings
- Presented Climate Change and GI initiatives to the BOS Land Use & Transportation Subcommittee

### Southeast Plant (SEP)

- RFQ for the Headworks CM/GC contract advertised September 2<sup>ND</sup>
- Completed design for SEP Primary & Secondary Clarifier Upgrades and advertised contract September 25<sup>TH</sup>
- Completed 95% design for SEP 521/522 and Disinfection Upgrades and presented design to the Technical Steering Committee (TSC)
- Completed AAR for SEP Power Feed and Primary Switchgear Upgrades

### Biosolids Digester Facilities Project (BDFP)

- Issued draft CER in August & Held Public EIR Scoping Meeting

### North Point Facility (NPF)

- Completed 95% design for NPF Outfall System Rehabilitation and continued obtaining regulatory permits
- Continued 35% design for North Shore Pump Station

### Oceanside Plant (OSP)

- Completed Site Management Plan for OSP and Westside Pump Station (WSS)
- Completed NAR for OSP Condition Assessment Repairs

### Central Bayside System Improvement Project (CBSIP)

- Obtained Commission and BOS approval for reassignment of professional services contract (CS-169) to MWH

### Green Infrastructure (GI) Early Implementation Projects (EIP)

- Two bids were received for Holloway Green Street/Lake Merced GI and the contract was awarded to M Squared Inc.
- SF Rec & Park continued review of Visitacion Valley Green Nodes/Sunnydale GI

### Urban Watershed Assessment (UWA)

- UWA on hold to ensure that the final reports for Bayside and Westside are consistent with GI costs and benefits as well as with other flooding studies currently being performed

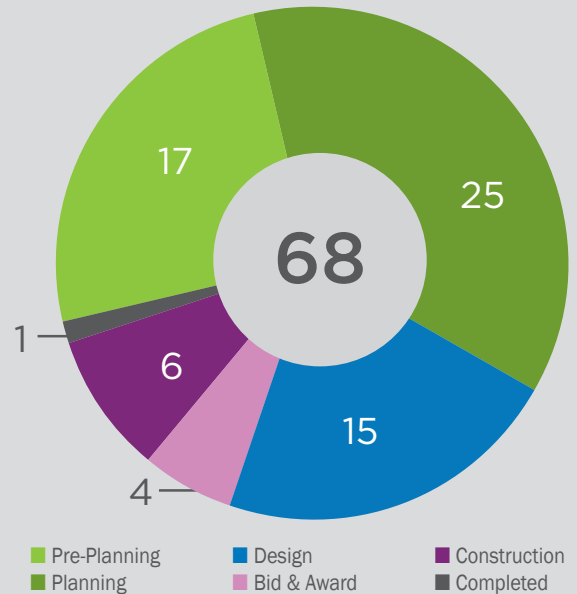
### Collection System Reliability

- Completed 95% design for Kansas & Marin Sewer System Improvement
- Completed draft NAR & AAR for Drumm/Jackson Sewer System Improvement
- Completed draft CER for Hudson Ave Pump Station
- Completed 95% design for Van Ness BRT Sewer Work

## PHASE 1 METRICS

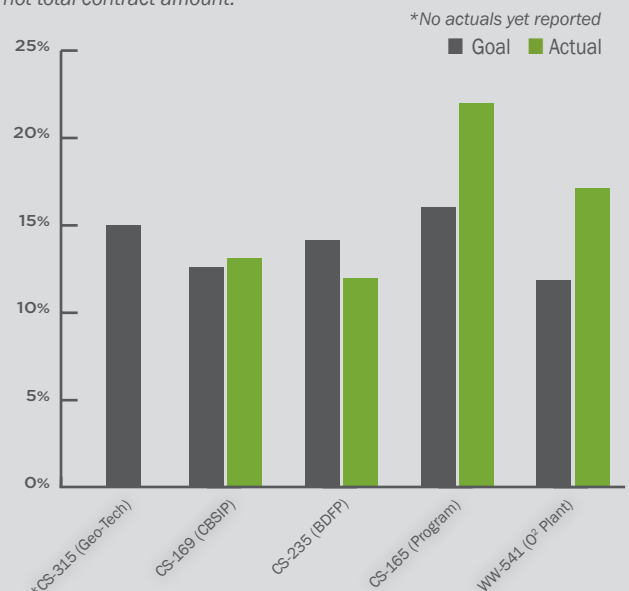
AS OF SEPTEMBER 2015

### Project Count by Phase



### LBE Participation By Contract

LBE participation percentages are based on expended amounts and not total contract amount.



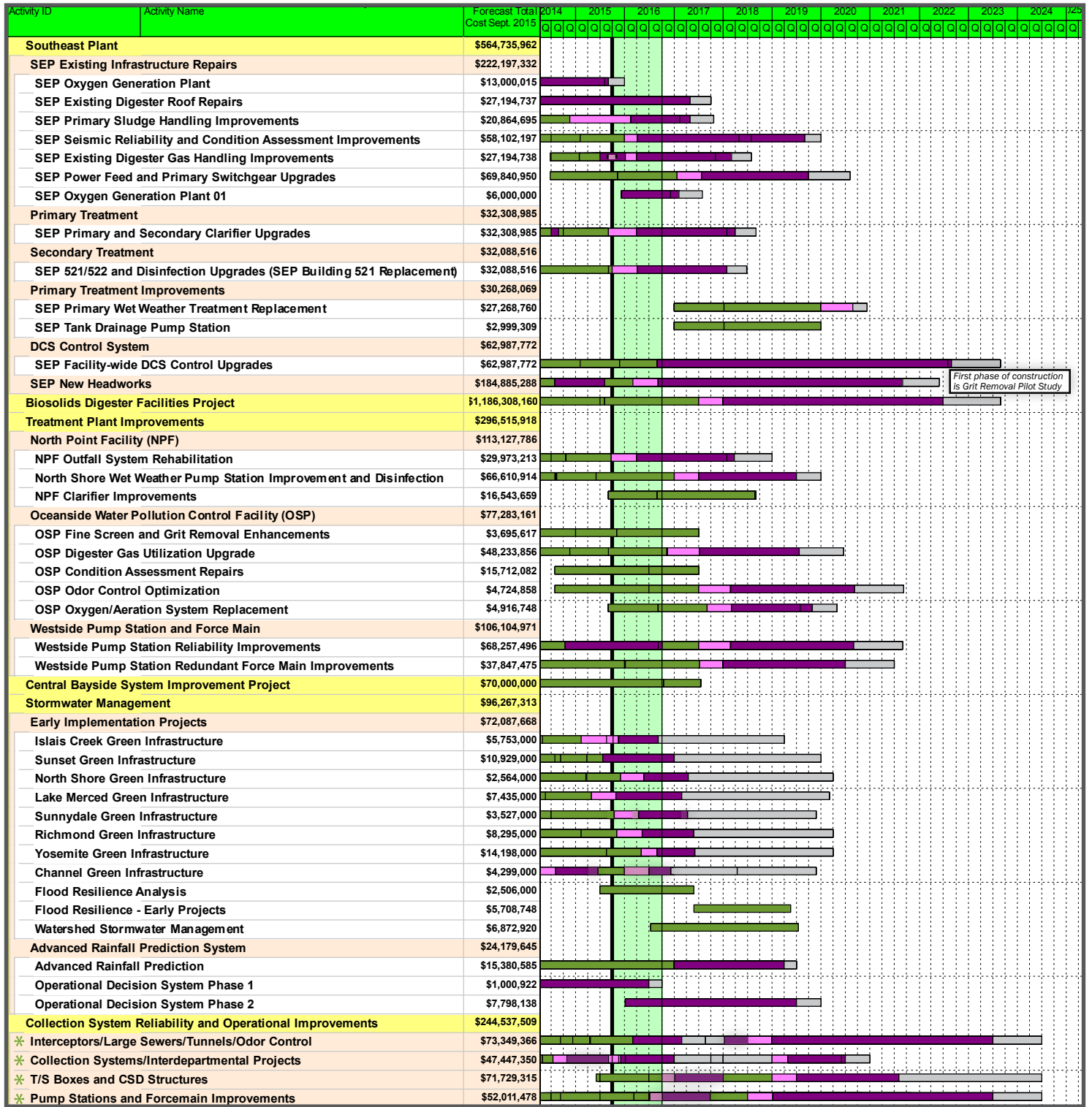
### Upcoming Contracts

Dates listed are for Advertisement

- Construction contracts:
  - October 2015 – SEP Building 521-522 and Disinfection Upgrades
  - November 2015 – NPF Outfall Rehabilitation System
  - November 2015 – Chinatown Green Alley/Northshore GI
  - January 2016 – SEP Existing Digester Gas Handling Improvements

# KEY SSIP PHASE 1 CAPITAL PROJECTS

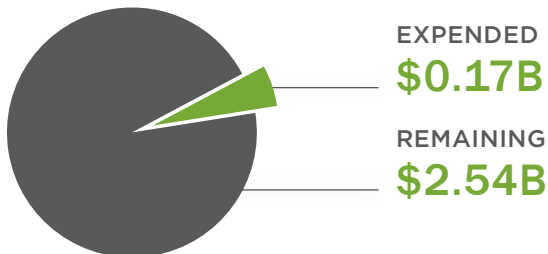
AS OF THE WWE QUARTERLY REPORT, JULY - SEPTEMBER 2015



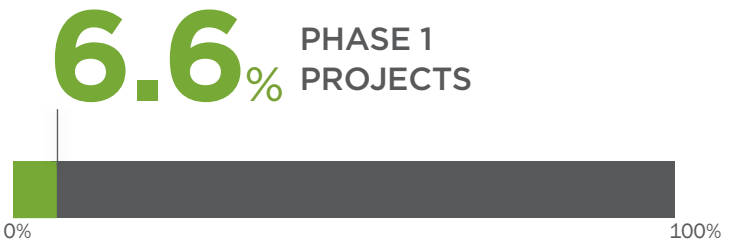
First phase of construction is Grit Removal Pilot Study

\* Represents multiple projects ■ Planning / Environmental / ROW / Design ■ Bid & Award ■ Construction ■ Closeout / Commissioning ■ October 2015 - September 2016

Expenditures as of September 2015



Completion as of September 2015





## PROGRAM PHOTOS



"Beautify the Bay-view" event held at the Southeast Community Facility by SSIP CityWorks interns.



Sunset Blvd Greenway/Sunset GI Early Implementation project breaks ground.



Successful installation of the new grey flange coupling adapter within Westside Pump Station Discharge Manifold Room.

## LOOKING AHEAD

OCTOBER - DECEMBER 2015

### Programmatic

- Finalize scope, schedule, and budget baseline of Phase 1 projects

### Southeast Plant (SEP)

- Complete Headworks CER
- Complete 100% design for SEP 521/522 and Disinfection Upgrades and advertise contract
- Complete CER for SEP Power Feed and Primary Switchgear Upgrades
- Complete the AAR for SEP Seismic Reliability and Condition Assessment Improvements

### Biosolids Digester Facilities Project (BDFP)

- Continue to re-evaluate project scopes and costs
- Complete CER by end of December

### North Point Facility (NPF)

- Complete 100% design and advertise contract for NPF Outfall System Rehabilitation
- Complete 35% design for North Shore Pump Station

### Oceanside Plant (OSP)

- Complete Draft Design Criteria Report for OSP Digester Gas Utilization Upgrade
- Complete NAR for OSP Odor Control Optimization

### Central Bayside System Improvement Project (CBSIP)

- Initiate CER

### Green Infrastructure (GI) Early Implementation Projects (EIP)

- Continue filming of GI construction training videos
- Complete construction of the pilot block for Sunset Blvd. Greenway/Sunset GI
- Initiate construction of Holloway Green Street/Lake Merced GI
- Advertise construction for Visitacion Valley Green Nodes/Sunnydale GI and Chinatown Green Alley/Northshore GI
- Award construction contract for Mission & Valencia Green Gateway/Islais Creek GI
- Complete 65% Design of Baker Beach Green St/Richmond GI

### Flood Resilience Analysis (Planning Phase Only)

- Deliver TM on total economic cost analysis for 5yr/3hr storm
- Deliver TM on model results for larger storms

### Collection System Reliability

- Initiate easement acquisition for Kansas & Marin Sewer System Improvement and present design to the TSC
- Present AAR to TSC for Drumm/Jackson Sewer System Improvement
- Present CER to TSC for Hudson Ave Pump Station

For more information, visit: [sfwater.org/ssip](http://sfwater.org/ssip)

