SSIP Update for the Bayview Hunters Point CAC

Chris Colwick Sewer System Improvement Program Communications Manager
ABOUT US
Our Combined Sewer System

- **3** Treatment Facilities
- **1,000+** Miles of Pipes
- **40 Billion** Gallons Treated/Year
- **100-Year-Old** System
Some of Our Priority Challenges

- Aging Infrastructure
- Seismic Safety
- Localized Flooding
- Climate Change
Some of Our Priority Challenges

Maintaining Water Quality

Southeast Plant treats 80% of City’s flow and is vulnerable to failure
Sewer System Improvement Program (SSIP)

Grey. System and Seismic Reliability & Redundancy

Green. Innovative Stormwater Management Solutions

Clean. Protecting Public Health & The Environment
SSIP Phase 1 Projects | $2.9 Billion

- Treatment Plants
- Central Bayside System Improvement Project
- Green Infrastructure & Stormwater Management Projects
- Large Sewers, Tunnels, and Odor Control
- Pump Stations and Force Main Improvements
- Flood Resilience Projects
- Combined Sewer Discharge Structures & Transport/Storage Boxes
- Interdepartmental Projects
SSIP IN THE SOUTHEAST
SEP Campus Plan

* Subject to change
SF Arts Commission | Civic Design Review and Public Art

Civic Design Review
• Required for structures on City property

Public Art
• 2% of eligible construction costs
Public Art – Potential Locations
Current Construction Projects: SEP

<table>
<thead>
<tr>
<th>Project Details</th>
<th>Completion Date</th>
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<tbody>
<tr>
<td>Primary and Secondary Clarifier Upgrades</td>
<td>January 2018</td>
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<td>SEP 521/522 &amp; Disinfection Upgrades</td>
<td>March 2018</td>
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<td>Existing Digester Gas Handling Improvements</td>
<td>October 2018</td>
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Major SEP Phase 1 Projects (Headworks)
Artist Norie Sato is developing concepts for a gateway at the intersection of Evans Ave. and Rankin St. in front of the new headworks facility.
Headworks Facility Project

Budget: $358M

Environmental: MND Adopted

Construction: Late 2017

Project Timeline:

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Planning through Bid & Award | Construction | Close Out
Construction Overview: Evans Avenue Lane Shift

- Key Project Facilities
- Contractor Staging Area
- Rerouted Traffic Lanes

Legend:
- Headworks Structure
- Bruce Flynn Pump Station
- Contractor Staging Area
- Rerouted Traffic Lanes
Major SEP Phase 1 Projects (Biosolids)
Biosolids Project Integrated Design

Conceptual Rendering
Biosolids Digester Facilities Project

Budget:
$1,276M

Final EIR:
Spring 2018

Construction:
Summer 2018

Project Timeline:

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- **Blue**: Planning through Bid & Award
- **Green**: Construction
- **Gray**: Close Out
SSIP & Community Benefits: Investing in our Facilities and our Community

- Workforce Development
- Education
- Arts
- Land Use & Environmental Justice
- Neighborhood Revitalization
- Small Business Opportunities
Take a Tour!

Sign up for a tour
sfwater.org/tour
Stay Informed, Get Involved!

Learn more at sfwater.org/ssip
Contact us at ssip@sfwater.org
(415) 554-3289
THANK YOU!

QUESTIONS?