



# SAN FRANCISCO PLANNING DEPARTMENT

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## Notification of Project Receiving Environmental Review

*Date:* April 7, 2016  
*Case No.:* 2015-006224ENV  
*Project Title:* **Southeast Plant New Headworks (Grit) Replacement Project**  
*Project Address:* 750 Phelps Street, 1700 Evans Avenue, 1700 Jerrold Avenue,  
1800 Jerrold Avenue, 398 Quint Street, San Francisco  
*Zoning:* M-2 (Industrial); and PDR-2 (Production, Distribution, and Repair) Use Districts  
65-J Height and Bulk District  
*Block/Lot:* 5262/009, 5227/001  
*Lot Size:* 1,607,292 square feet  
*Project Sponsor:* San Francisco Public Utilities Commission  
Scott MacPherson (415) 551-4525  
*Staff Contact:* Timothy Johnston – (415) 575-9035  
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### PROJECT DESCRIPTION:

The San Francisco Public Utilities Commission (SFPUC) proposes the Southeast Water Pollution Control Plant (SEP) New Headworks<sup>1</sup> (Grit) Replacement Project (the “proposed project” or new Headworks Facility), which consists of modifications and improvements to the existing SEP and associated facilities located in the Bayview District of San Francisco (**Figure 1**). The SEP is the City's largest wastewater treatment facility, treating 80 percent of San Francisco’s wastewater and stormwater. Wastewater is pumped into the SEP from three pump stations – Channel Pump Station, Bruce Flynn Pump Station, and Southeast Lift Station via two headworks facilities (SEP 011<sup>2</sup> and SEP 012) for preliminary treatment. The preliminary treatment process facilities currently consist of an Influent Control Structure and the Southeast Lift Station (collectively referred to as SEP 010 Influent Control Structure/Southeast Lift Station) and two headworks facilities (SEP 011 and SEP 012, which were built in 1982 and 1997 respectively). The majority of the existing equipment associated with the older Headworks (SEP 011) is over 30 years old and approaching its normal replacement interval. In addition, the existing SEP preliminary treatment process does not meet the level of service established by the SFPUC, and exhibits inefficiencies in the fine screening and grit removal processes, which remove debris that can clog downstream equipment. The SEP also has seismic structural vulnerabilities and ineffective odor control along the fence line. Please see **Figure 2** for the locations of the existing facilities.

The SFPUC is proposing to replace the two headworks facilities (SEP 011 and SEP 012 Headworks) and make modifications at the Bruce Flynn Pump Station facility to provide a centralized and efficient preliminary treatment system to improve screening and grit removal, ensure meeting the level of service, maintain regulatory compliance, protect public health and safety, meet current seismic standards, and

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<sup>1</sup> The headworks of a wastewater treatment plant is the initial treatment stage of the wastewater treatment process. The treatment at the headworks consists of screening to remove coarse material such as trash, rags, and other debris; and grit removal to remove sand, gravel and other heavy inorganic materials.

<sup>2</sup> Most buildings at the SEP are identified with a unique 3-digit number, which is preceded by “SEP” and followed by the building’s name or initials, per SFPUC convention (e.g., SEP 011 Headworks).

construct a new odor control facility. The project would be located on the northwest portion of the SEP at the location of the existing SEP 010 and SEP 011 Headworks, near the intersection of Rankin Street with Evans Avenue (**Figure 1**).

The proposed project would consist of the following components:

- Modifications to the Bruce Flynn Pump Station to be an all-weather pump station and to be able to receive and pump all flow that is currently handled by the existing Southeast Lift Station;
- Demolition of the SEP 010 Influent Control Structure/Southeast Lift Station and construction of an odor control facility on the same site;
- Demolition of the existing SEP 011 and SEP 012 Headworks and construction of a new 250-mgd Headworks Facility. The new Headworks Facility would consist of an influent junction structure, bar screen facility, grit tanks, primary influent distribution structure, process/operations control room, and electrical room; and
- Demolition of the unoccupied building adjacent to Bruce Flynn Pump Station at 398 Quint Street.

The project is identified in the SFPUC Sewer System Improvement Program (SSIP), a 20-year, \$6.9 billion dollar citywide program to upgrade aging sewer infrastructure to ensure a reliable and seismically safe system. Endorsed by the SFPUC in 2012, the SSIP established goals and levels of service to facilitate technical analysis, planning, design, and environmental review for all SSIP projects, including the proposed SEP Headworks.

Construction of the proposed project is expected to be completed in approximately four years, from 2017 to 2021. Construction staging would be located within the SEP, within Evans Street, in a lot adjacent to the Bruce Flynn Pump Station, adjacent to SEP along Phelps Street, and potentially off site at the Pier 94 and Pier 96 Backlands (**Figure 1**). Construction activities would generally occur Monday through Friday, from 7:00 a.m. to 8:00 p.m., and Saturdays and Sundays as needed.

#### PURPOSE OF NOTICE:

The project is being studied by the Planning Department's Environmental Planning Division to determine its potential environmental effects. No environmental documents have been issued for this project. Public comments concerning the potential environmental effects of this project are welcomed. In order for your concerns to be fully considered or to ensure your receipt of future environmental review documents for this project, **please contact the staff identified above by April 21, 2017**. This notice is routinely sent to community organizations, tenants of the affected property and properties adjacent to the project site, and those persons who own property within 300 feet of the project site. Anyone receiving this notice is encouraged to pass on this information to others who may have an interest in the project.

**Environmental review provides information on physical environmental effects and does not make recommendations on the project itself.** Other review or approval actions may be required for the project. These actions may involve further public notification and public hearings. If you have comments on the proposed project that pertain to matters other than physical environmental effects, please contact **Scott MacPherson at (415) 551-4525 or smacpherson@sfgwater.org**.

Members of the public are not required to provide personal identifying information when they communicate with the Commission or the Department. All written or oral communications, including submitted personal contact information, may be made available to the public for inspection and copying upon request and may appear on the Department's website or in other public documents.

Figure 1: Project Location and Vicinity Map

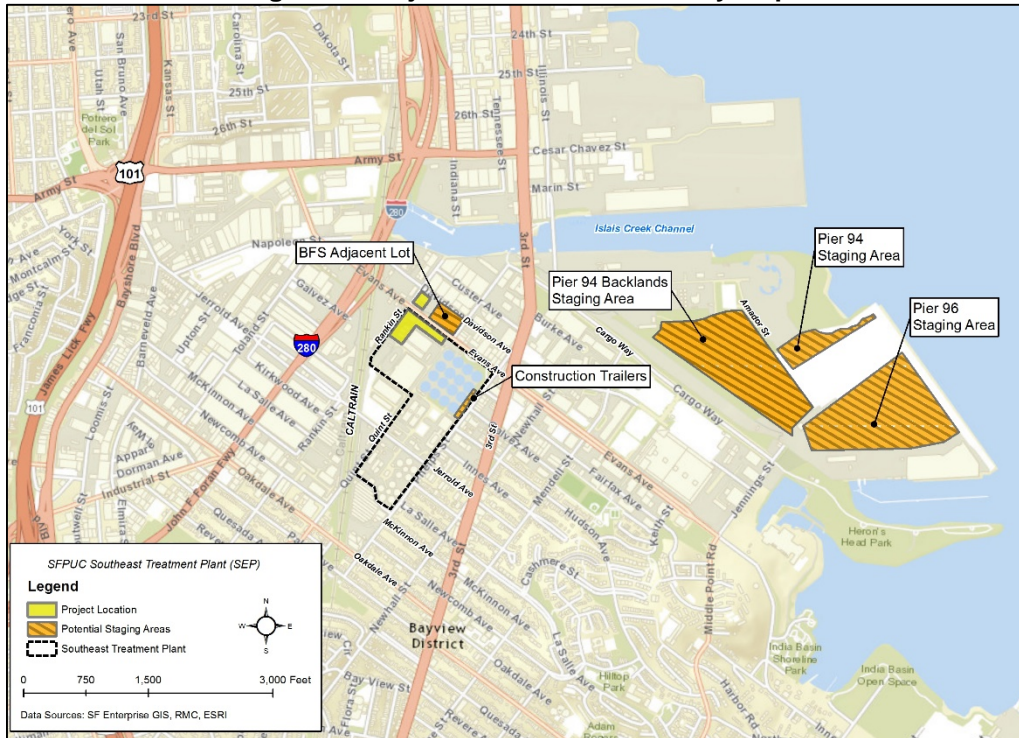


Figure 2: Existing Influent Pumping and Headworks Locations

