Improving Our Sewer System and Benefiting the Community

The San Francisco Public Utilities Commission (SFPUC) will construct the Baker Beach Green Streets project from winter 2018 – summer 2020. The project creates two green streets along El Camino Del Mar and Sea Cliff Avenue that improve community spaces and accessibility while helping manage stormwater. The green infrastructure technologies include rain gardens, subsurface infiltration galleries, and pervious concrete in parking lanes that manage approximately 2.6 million gallons of stormwater each year. New rain gardens at California Coastal Trail access entrance at 25th Avenue to Baker Beach will also be constructed.

This project is a partnership with the San Francisco Public Utilities Commission, San Francisco Recreation and Parks Department, National Park Service, and San Francisco Public Works.

Project Statistics

Watershed: Richmond
Stormwater Managed: 2.6 million gallons of stormwater each year
Drainage Area: 5.1 acres of impervious surface
Green Features: 5,861 square feet of rain gardens, 4,862 sf of infiltration gallery, and 7,385 square feet of pervious concrete

Additional Community Benefits

- Reduce combined sewer discharge from Baker Beach outfalls
- Improve urban habitat, traffic calming and bicycle/pedestrian safety
- Provide water and sewer improvements, and roadway reconstruction along Sea Cliff Avenue

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**Green infrastructure** can help manage and treat stormwater onsite before it enters the sewer system and also provide livable city benefits like neighborhood beautification and traffic calming.

**SUBSURFACE INFILTRATION GALLERY:** An underground stormwater storage structure filled with gravel that receives runoff through horizontal pipes below the pavement surface.

**BULB OUT WITH RAIN GARDEN:** A traffic calming method that extends the sidewalk, reducing the distance to cross the street increasing pedestrian visibility and safety. These may include various green technologies to capture and treat stormwater.

**PERVIOUS CONCRETE:** A special type of porous concrete that allows stormwater to pass through and soak into the ground in contrast to hard surfaces such as asphalt or traditional concrete where stormwater runoff flows into the sewer system.

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**About the Sewer System Improvement Program**

Baker Beach Green Streets is a part of the Sewer System Improvement Program (SSIP), a multi-billion-dollar citywide investment required to upgrade our aging sewer system. The SSIP is the result of an eight-year community planning process and will ensure a reliable, sustainable and seismically safe sewer system now and in the future.

**Green Infrastructure (GI) in San Francisco**

Baker Beach Green Streets are one of 8 demonstration projects in each of SF’s urban watersheds to evaluate how well GI can manage stormwater.

**Project Contact Information:**

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