State Revolving Fund Loans and Principal Forgiveness

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State Water Resources Control Board

Stormwater Financing Forums

April 3, 2017 – Alhambra, CA

April 5, 2017 – Oakland, CA

Overview

- ➤ Eligibility under the Clean Water State Revolving Fund (CWSRF)
- ➤ Green Infrastructure
- Sample Projects
- CWSRF terms/Principal Forgiveness (PF)
- Potential Sources of Revenue for Loan Repayment

CWSRF and Stormwater Projects

Section 603(c)(5) of the FWPCA states that CWSRF may provide assistance:

(5) for measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water

Green Infrastructure

- ➤ Green Infrastructure practices that manage wet weather and that maintain and restore natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater
- ➤ Regional scale
- > Local scale

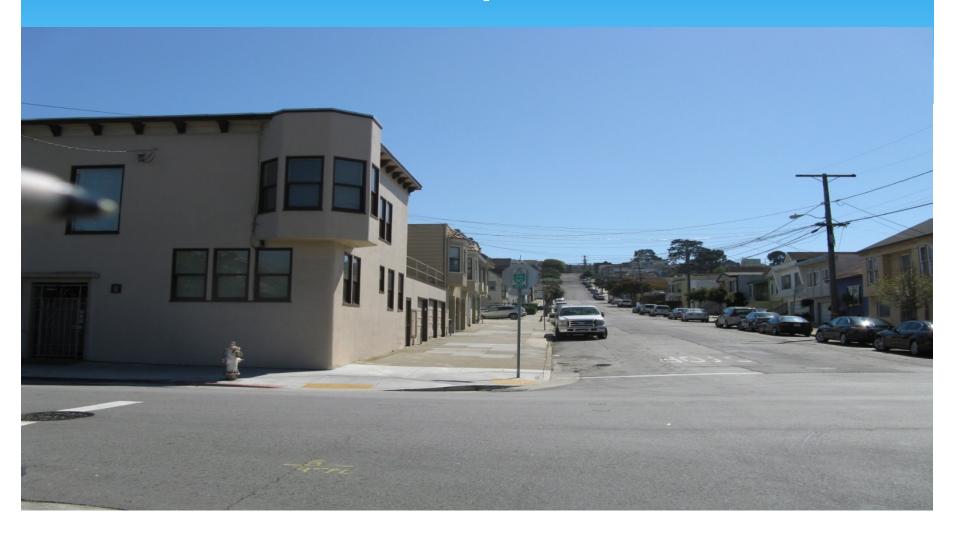
Green Infrastructure Projects

- Stormwater harvesting/reuse cistern, distribution pipes
- ➤ Green streets bioretention, permeable pavement
- Riparian buffers wetlands, floodplains
- Sustainable landscaping and site design

Projects with stormwater components (Agreement Executed)

- ➤ San Francisco Public Utilities Commission
- Lake Merced Green Infrastructure
- ➤ Bioretention planters/corner bulbouts
- Replacement of impervious asphalt/ concrete pavement with pervious concrete
- Project Cost \$7,435,000

Before picture



Construction Photo





City of Santa Monica (application in process)

Sustainable Water Infrastructure Project (SWIP)

- Integrated harvesting and treatment of municipal wastewater, stormwater and brackish impaired groundwater
- 2. Stormwater harvesting, storage and treatment
- Conjunctive reuse aquifer recharge and indirect potable reuse
- ➤ Total Project Cost \$56,885,903

California CWSRF

- Up to 30-year loan term or useful life of the project
- Low interest rate ½ of State's general obligation bond rate
- Currently 1.8 %
- ➤ Historical Interest rate: 1.5% to 2.7%

Principal Forgiveness Eligibility

- ➤ Green Project Reserve categories
- >75% of planning costs up to \$500,000
- > 50% of eligible costs up to \$4M
- aggregate of planning and construction cost not to exceed \$4M in PF

Stormwater Infrastructure Funding

California

- ➤ Taxes (hotel, transit)
- ➤ Wastewater user charges/fees
- ➤ New Senate Bill SB231

Other state

> Rates calculated based on impervious area

Contact information and weblinks

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State Water Resources Control Board – Division of Financial Assistance http://www.waterboards.ca.gov/water_issues/programs/grants_loans/

Financial Assistance Application Submittal Tool (FAAST) https://faast.waterboards.ca.gov/

GPR - U.S. EPA's Guidance for Determining Project Eligibility https://www.epa.gov/sites/production/files/2015-04/documents/green-project-reserve-eligibility-guidance.pdf