

# **San Francisco's Onsite Water Reuse Grant Program**

**Board of Supervisors Budget & Finance Committee**

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**San Francisco Public Utilities Commission**

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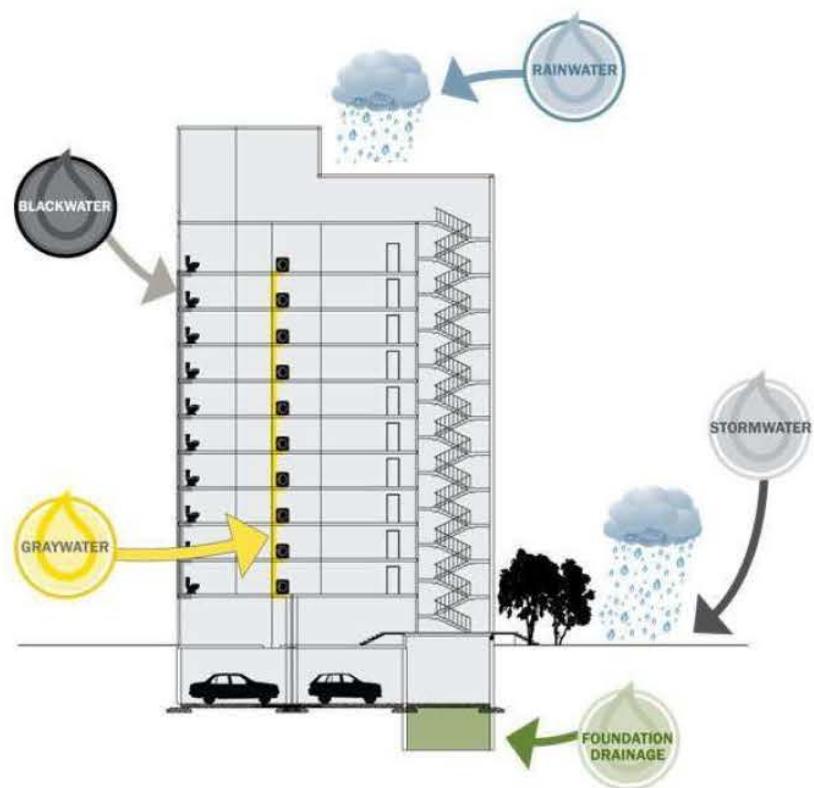
# Diversifying San Francisco's Water Supplies

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Conservation  
Groundwater  
Recycled Water  
Onsite Water Reuse  
Innovations

# Non-potable Water Ordinance



- Applies to new buildings and development projects 250,000 gross square feet or greater
- Required to treat and reuse graywater, rainwater, and foundation drainage to meet toilet flushing and irrigation demands onsite
- Applicable city-wide

# Example of Mandatory NPO Projects



Mission Rock



Fifteen Fifty Mission



Chase Center

# Onsite Water Reuse Grant Program

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- Incentivizing SFPUC customers to reduce water consumption by installing reusing alternate water sources onsite for non-potable uses
- Eligible project types:
  - ✓ Projects voluntarily installing Onsite Water Systems (not mandatory)
  - ✓ Projects that are installing Onsite Water Systems on a mandatory basis in compliance with the Non-potable Water Ordinance that go above and beyond Baseline NPO Compliance (Above and Beyond Projects)
  - ✓ Projects installing onsite treatment and reuse of brewery process water



# Onsite Water Reuse Grant Program Eligibility and Benefits

Estimated SFPUC Water Offset (gallons per year for 10 years)	Grant Funding Available
$\geq 450,000^1$	Up to \$200,000
$\geq 1,000,000^1$	Up to \$500,000
$\geq 3,000,000^1$	Up to \$1,000,000

*<sup>1</sup> For Above and Beyond Projects, the estimated SFPUC Water Offset must be achieved above and beyond Baseline NPO Compliance to be eligible for grant funding.*

- 5 grants executed to-date
- Total of \$2.25 million to be awarded
- Estimated to achieve water savings equivalent to about 3,400 SF residents daily residential water use

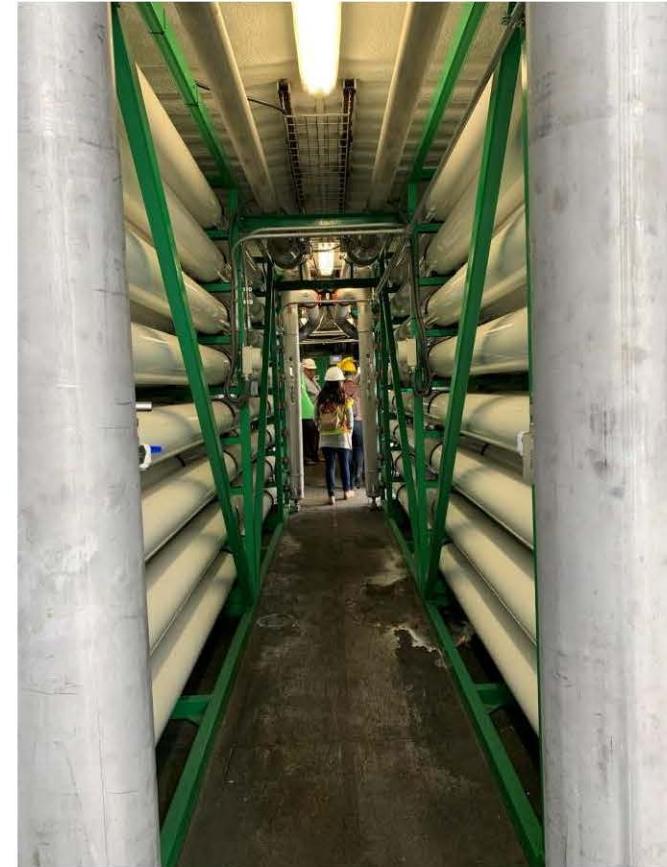
# Example Non-Mandatory Grant Projects



Moscone Center



UN Plaza Foundation  
Drainage Project



ECSF-BART  
Foundation  
Drainage Reuse

## 181 Fremont, San Francisco



- Non-mandatory NPO project
- Receiving grant to install onsite water treatment system to reuse graywater, rainwater for toilet flushing and irrigation
- Construction of onsite reuse system completed in Feb 2020
- Project will save estimated 1.3 million gallons per year of water

## Time Extension Request for 181 Fremont

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- Request to authorize SFPUC GM to execute an amendment to grant agreement, which would extend agreement by 7 years to January 2032 (total duration of 17 years)
- Delays as project upgraded treatment system to meet SF Department of Public Health revised Rules and Regulations
- Project was further delayed in starting operation due to COVID-19 pandemic causing minimal occupancy in building
  - Continuing uncertainty about future occupancy