



San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

San Francisco Zoo Recycled Water Pipeline Project Prop 1 Round 1 IRWM

SF BAIRWMP CC Meeting
September 22, 2025





Project Background

- Construction of a new recycled water pipeline on Sloat Boulevard to convey advanced treated recycled water from the new Westside Recycled Water Treatment Facility to the SF Zoo
- Recycled water uses: irrigation, animal exhibit washdown, and animal pool filling
- Adding new components to and make modifications within the existing reservoir and pump station facility for recycled water use





Project Overview

- Project will supply 0.2 MGD of recycled water to SF Zoo for animal exhibit washdown and animal pool filling, and for irrigation of Lower Great Highway
- Project will offset close to 100% of current groundwater well use with recycled water, conserving high-quality groundwater to supplement potable water supplies in SF



SFPUC-RPD-Zoological Society Partnership

- SFPUC will construct a pipeline and deliver recycled water to the Zoo and the Lower Great Highway
- SF Zoological Society will complete retrofits onsite and operate and maintain onsite recycled water system
- SFPUC will take over ownership and operations of groundwater infrastructure as back-up to recycled water
- SFRPD continues to own, operate, and maintain the reservoir and pump station and the Lower Great Highway system



Project Area

TO LOWER GREAT HIGHWAY



RECYCLED WATER USE



POTABLE WATER USE



NOT IRRIGATED CURRENTLY



WATER FEATURE



RESERVOIR, PUMP STATION, AND METER

EXISTING GROUNDWATER WELL AND PUMP

EXISTING GROUNDWATER PIPELINE

NEW RECYCLED WATER PIPELINE

RECYCLED WATER SUPPLY LINE

LOWER GREAT HIGHWAY SUPPLY LINE





Funding

Funding Contribution	Amount
Prop 1 Grant Funds	\$538,051
SFPUC	\$422,849
Total:	\$960,900



Schedule

- Construction – ongoing through Jan 2026
- Retrofit Implementation - July 2026
- Cross-connection Planning and Testing - September 2026
- Deliveries Begin – early 2027



Westside Enhanced Water Recycling Facility

- Diversifying our water sources by creating a new recycled water supply to use for non-drinking purposes
- Treat secondary effluent further with membrane filtration, reverse osmosis, and UV light
- Additional users will include Golden Gate Park, Lincoln Park Golf Course, Sunset Blvd





Westside Enhanced Water Recycling Facility

- Designed to deliver up to 2 mgd average annual demand
- RO was selected because of the specific uses of water. Minimize potential impacts of salts on park vegetation and nutrients and ammonia on park lakes and use in animal exhibits





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Questions?