

Safe Clean Water Program South Santa Monica Bay WASC

September 21, 2022

Providing FY23-24 project summaries to support WASC decision-making





Project Summary 1

Beach Cities Green Streets Project – received a qualifying score

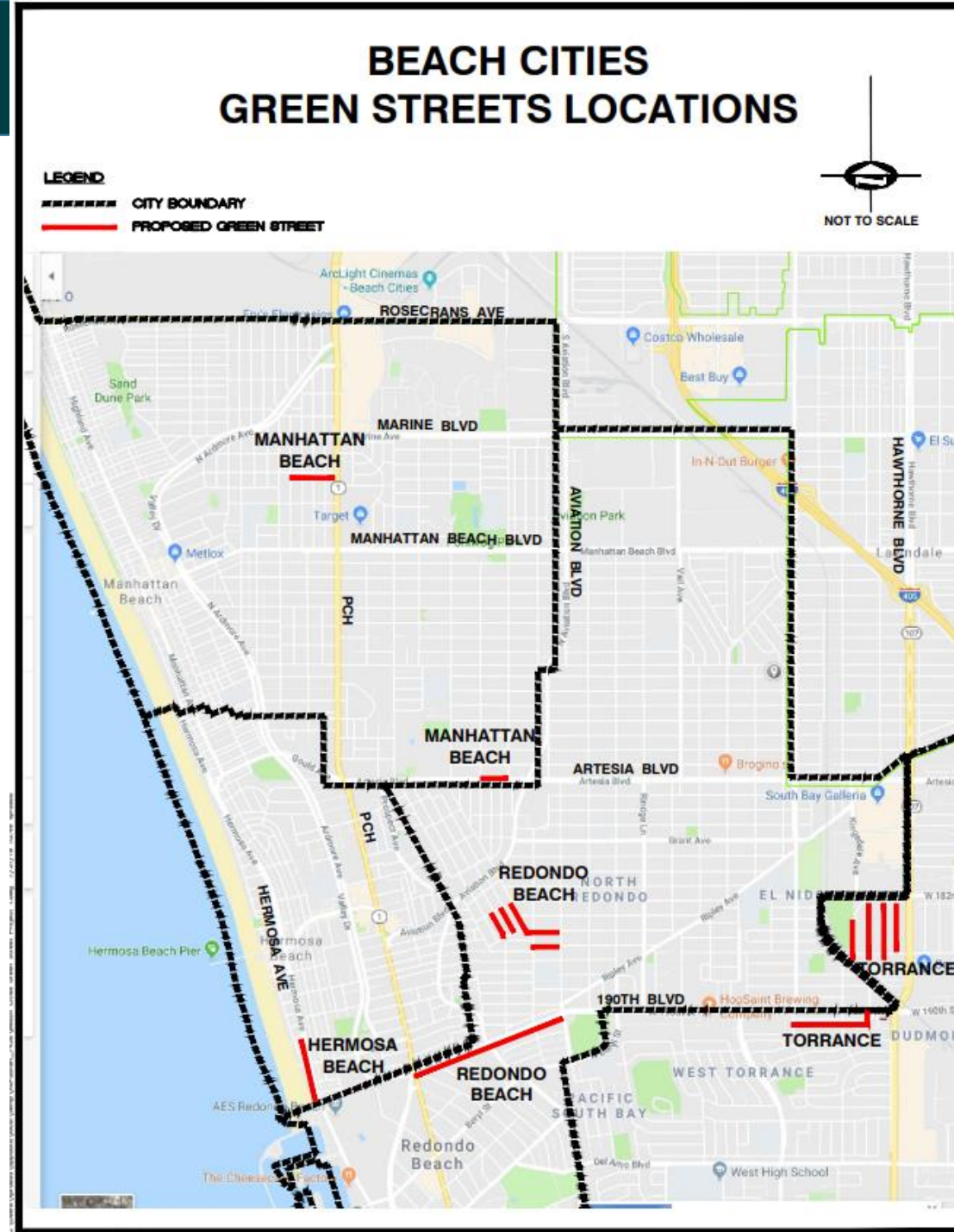
- *Lead: City of Torrance; Additional project collaborators: Beach Cities (Hermosa, Manhattan, and Redondo), California Coastal Conservancy, Santa Monica Bay Restoration Commission*
- *Location: multiple locations, shown on map →*
- *Total request: \$5,366,953 for one year of construction*
- *Timeline: Planning - 03/2022; Design -06/2023; Construction - 06/2024*

Benefits include:

- Planting at least 200 trees
- Capturing and infiltrating from 198 acres (volume of 9 AF per storm event of 85% storm)
- Recharging the the WCGW Basin to prevent seawater intrusion

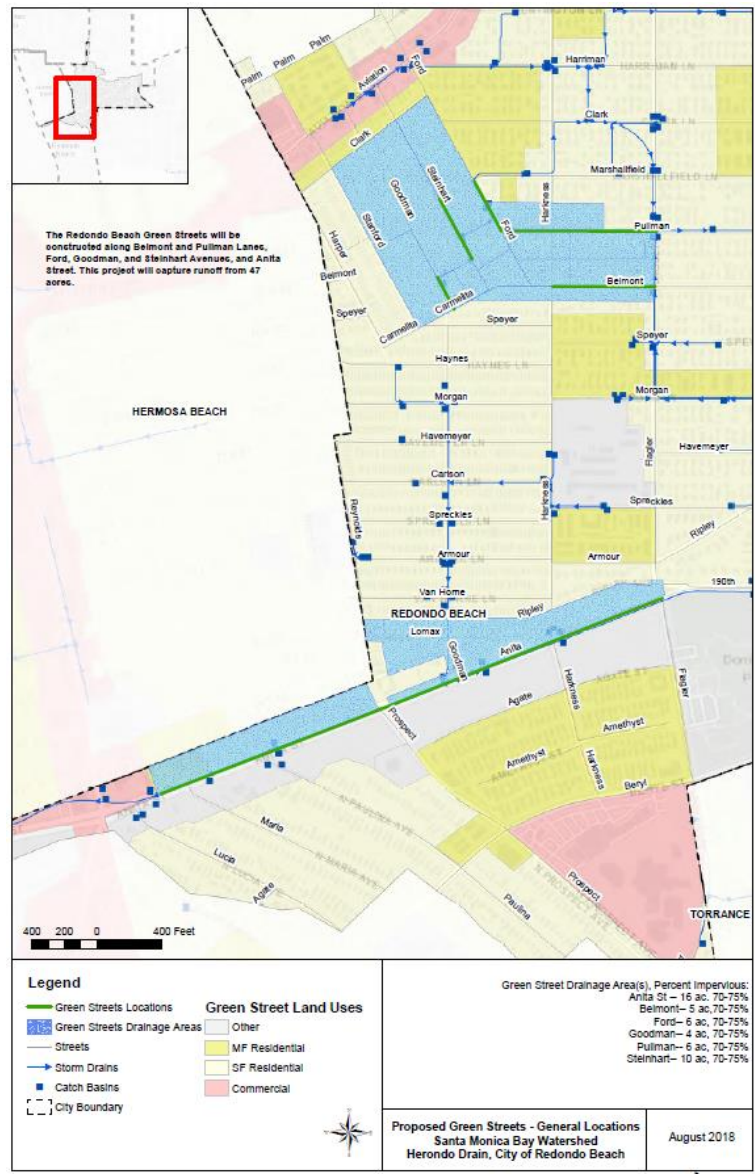
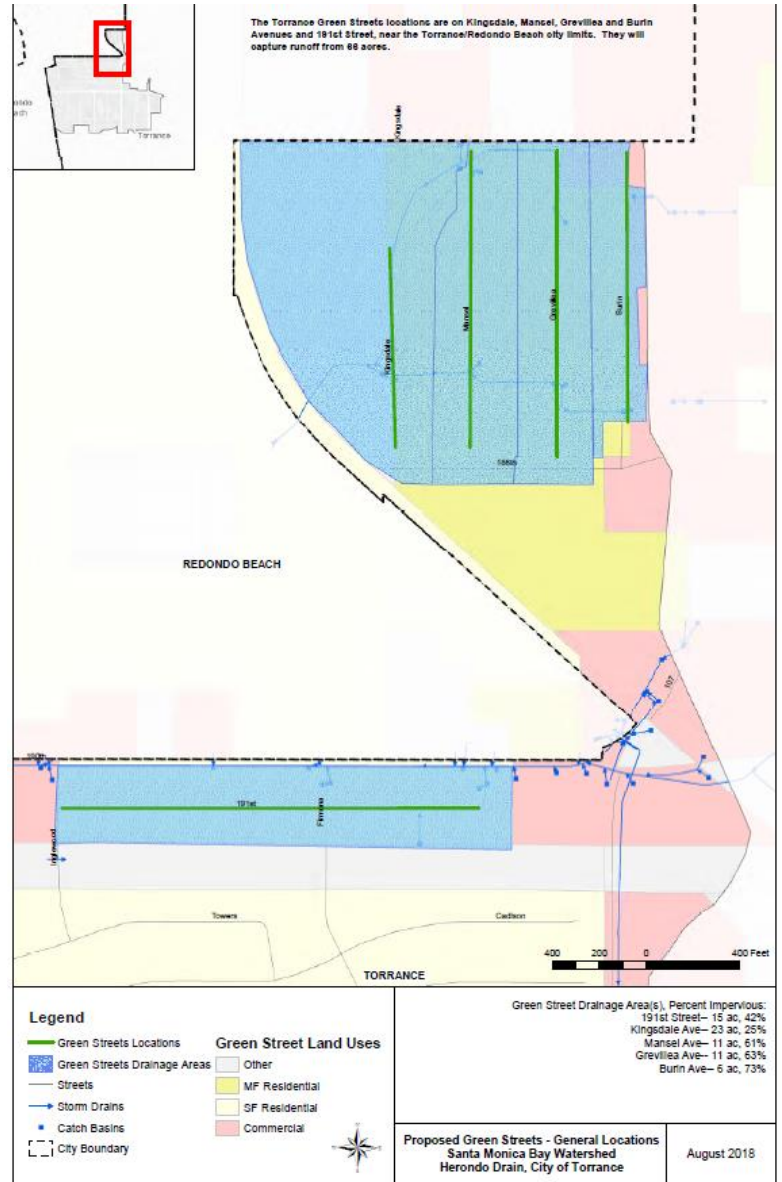
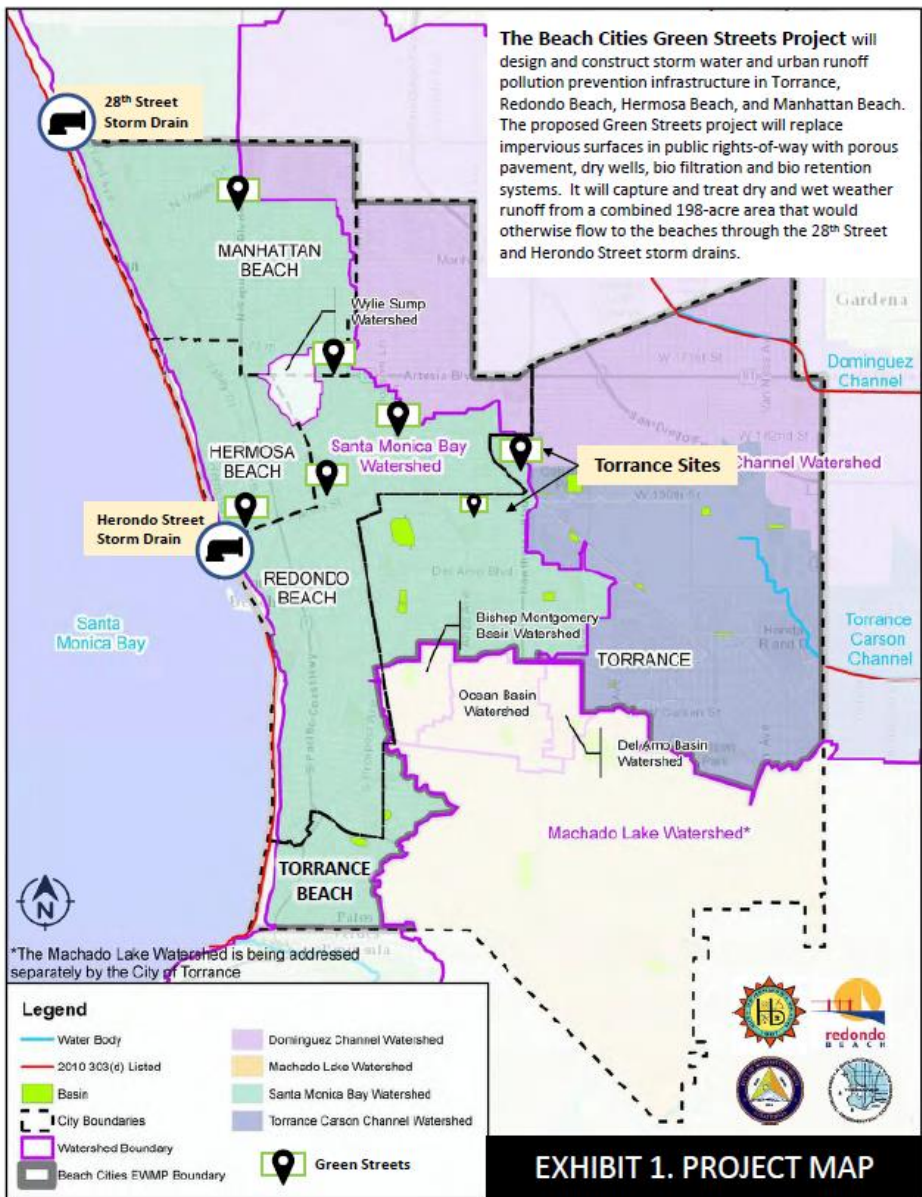
Claimed Disadvantaged Community Benefits:

- No
- Anti displacement measures considered, as the project is intended to be constructed on public rights of way and will not impact any affordable housing





Project Summary 1





Project Summary 2

Glen Anderson Park Regional Stormwater Capture Green Streets –
received a qualifying score

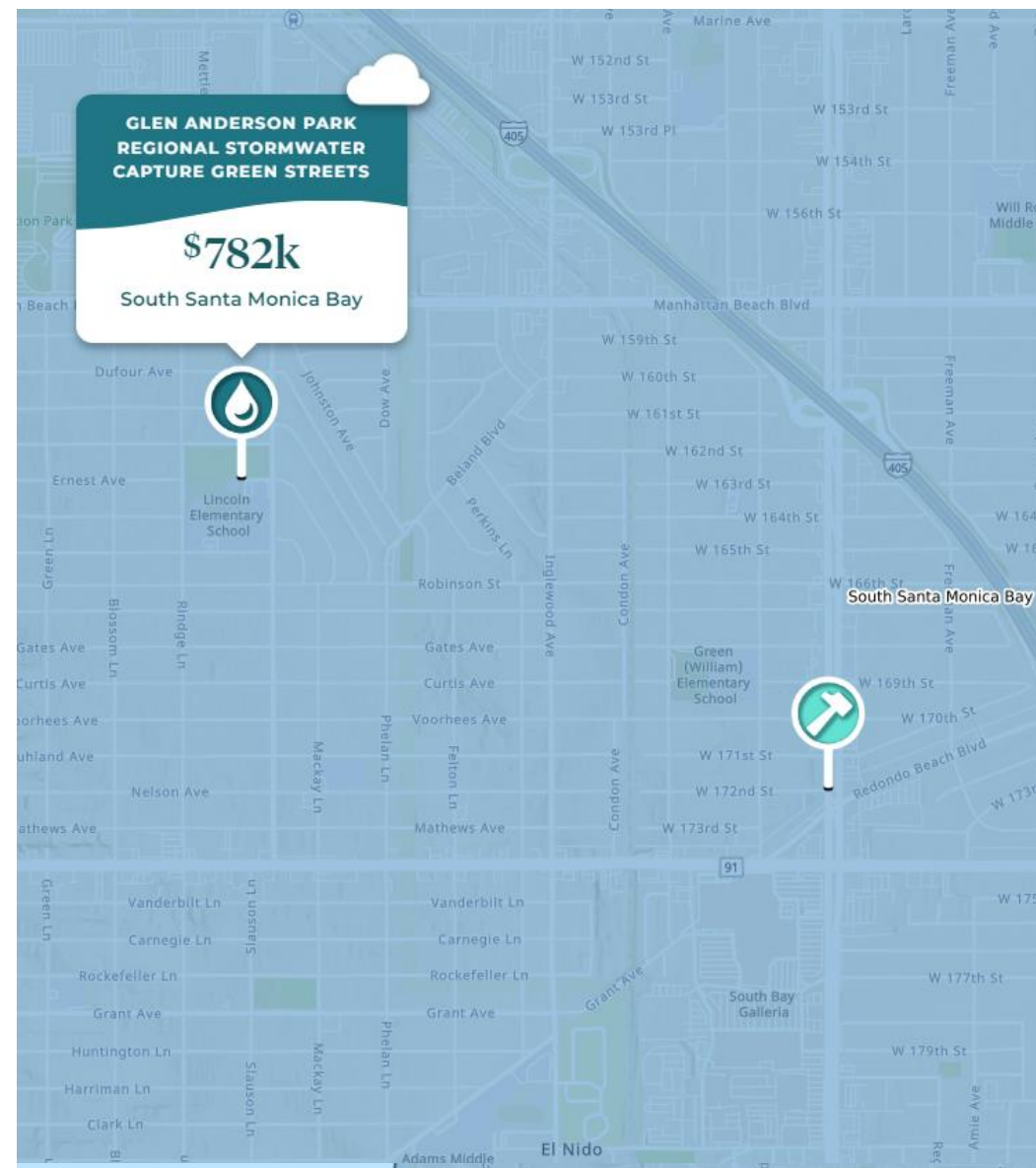
- *Lead: City of Redondo Beach; Additional Project Collaborators: Redondo Beach Unified School District, Beach Cities WMP*
- *Location: 2229 Ernest Ave, Redondo Beach, CA 90278*
- *Total request: \$782,000 over two years for planning and design*
- *Timeline: Planning - 07/2024; Design - 07/2026; Construction - 07/2028*

Benefits include:

- Capturing 9.4 AF with 24 hr retention from 483 acreage area
- Prevention of seawater intrusion with the ~133 AF/yr infiltrated
- Two trees for shade, 50 rain garden plants, permeable pavement in parking lot, and ADA compliance

Claimed Disadvantaged Community Benefits:

- Nearest census block group designated disadvantaged is 0.25 miles away, several are within 1 mile of the project
- Minimize local flooding, increase community greening, provide shade and reduce heat island, and enhanced recreation opps





Project Summary 2



Figure 1. Surface (Left) and Subsurface (Right) Project Site Layout

The Project consists of three interconnected components:

1. Converting approximately 200-feet of right-of-way along May Ave. into a green street that consists of pedestrian-friendly pervious surfaces and bioretention area to capture and infiltrate surface runoff;
2. Retrofitting the existing Glen Anderson Park parking lot with ADA compliant pervious surface, bioretention area and tree filter wells to capture and infiltrate surface runoff; and
3. Constructing 14 drywells with pretreatment under the green streets and the parking lot to capture and treat stormwater runoff from the regional storm drain, as well as overflows from the green streets, bioretention and tree filter wells



Project Summary 3

Machado Lake Ecosystem Rehabilitation (MLER) Operations and Maintenance – received a qualifying score

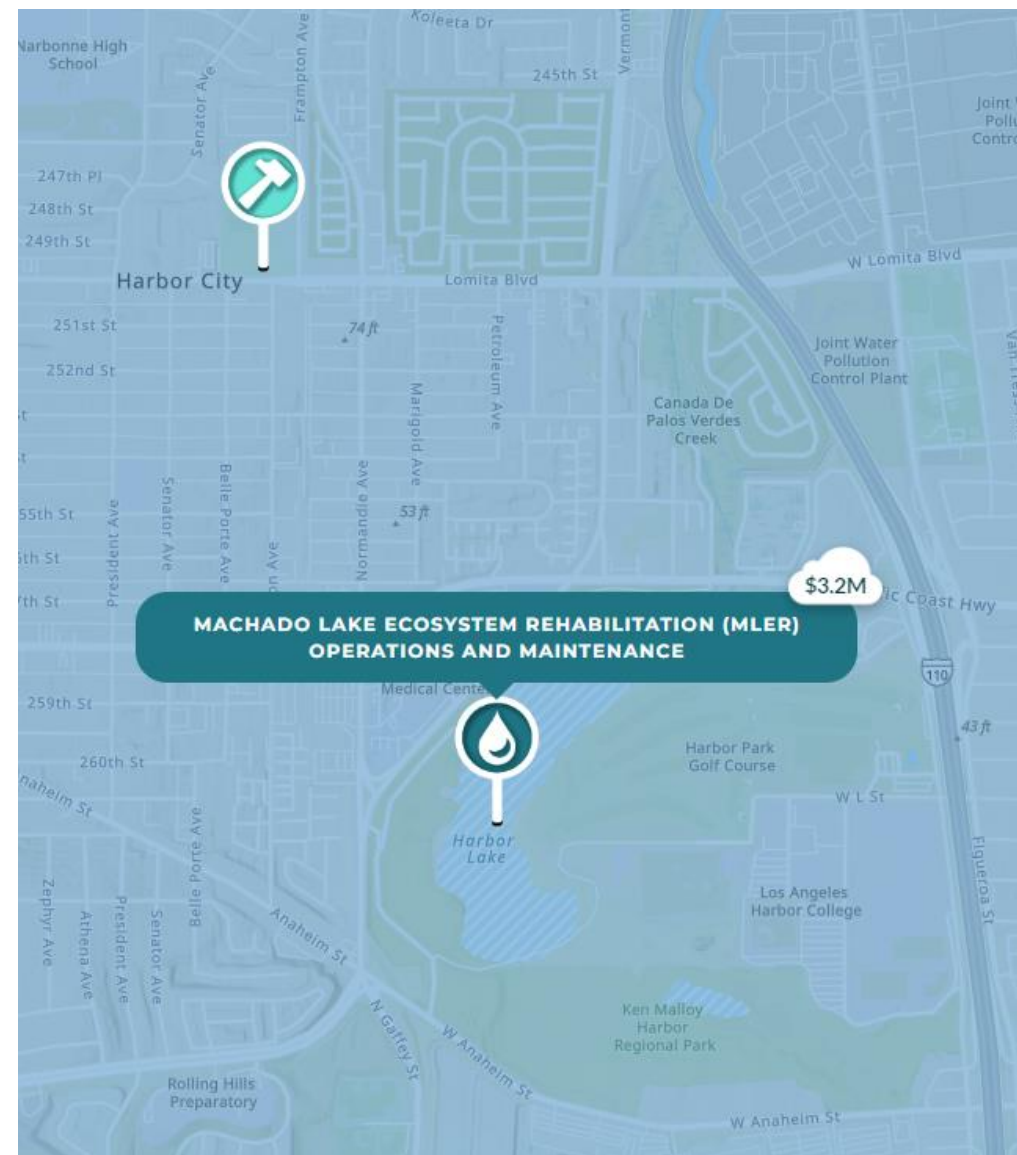
- *Lead: City of Los Angeles, Department of Public Works, LA Sanitation and Environment; Additional project collaborators: City of LA Recreation and Parks Department*
- *Location: 25820 Vermont Ave, Harbor City, CA 90710*
- *Total request: \$3,200,000 over five years*

Benefits include:

- Continuation of improved water quality, flood management, and open space
- Habitat enhancement, improvement of recreation opportunities, protection and maximization of public access
- Capturing 100% of the first flush and ~235 AF/yr of water

Claimed Disadvantaged Community Benefits:

- Directly adjacent to several census block group designated disadvantaged
- Located in a heavily industrialized area with few parks/open space
- Natural resource and recreation space to enjoy lake and



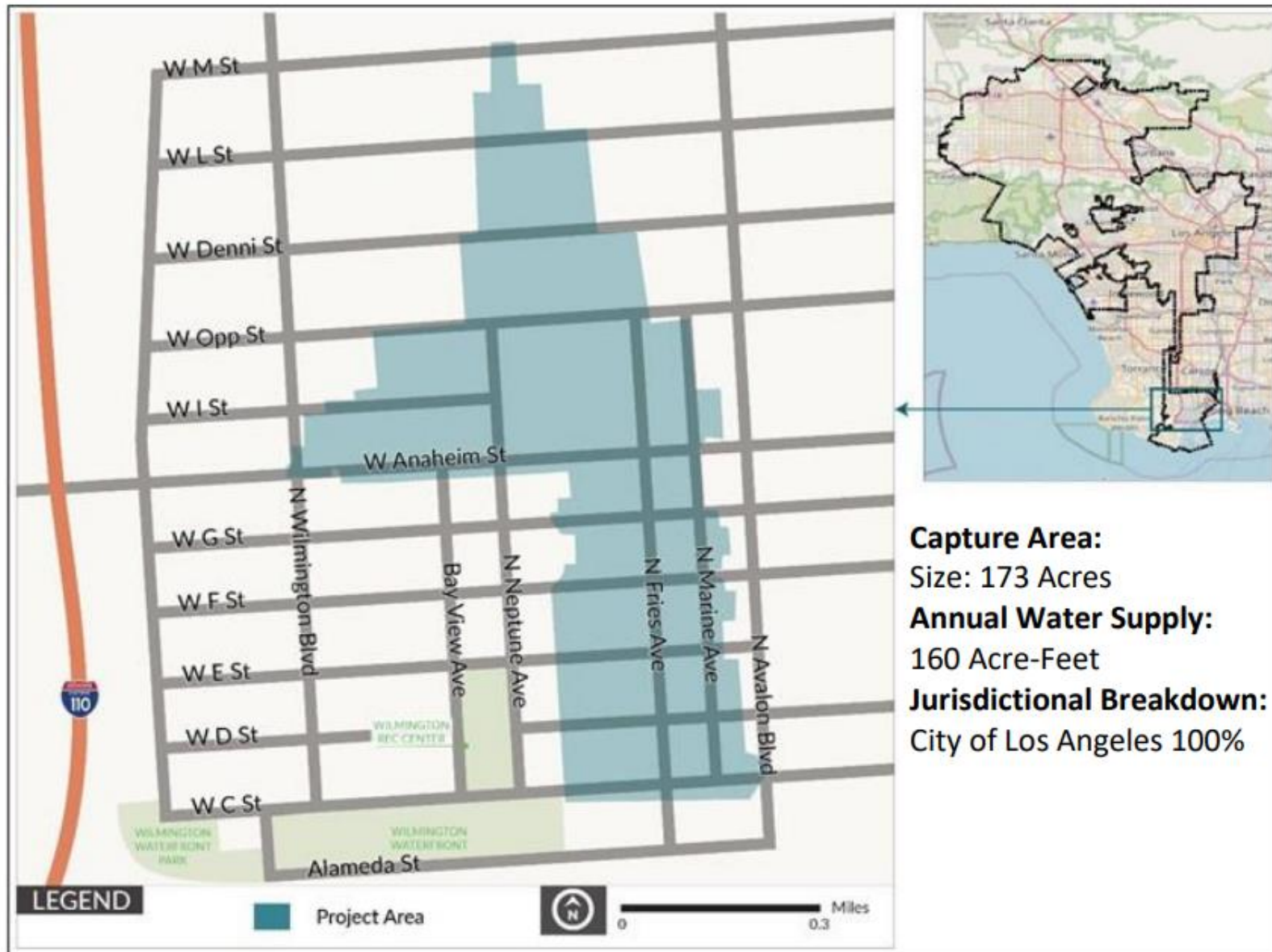


Project Summary 3





Project Summary 4



Thank You!



Heal the Bay



SAFE
CLEAN
WATER
PROGRAM