



Safe, Clean Water Program

SHOWCASE
Funded Projects

Melina Watts



**SAFE CLEAN
WATER PROGRAM
12 Projects,
9 Watersheds**

Central Santa Monica Bay Watershed Area



MacArthur Lake Rehabilitation (CSMB)

Project Lead: LA County Public Works and City of Los Angeles Sanitation and Environment (LASAN)



Overview:

The project aims to restore and enhance the natural services of a Historic Cultural Monument by harvesting stormwater and creating an onsite natural spring. The project introduces innovative water quality solutions and recreates a California native oasis to mitigate flooding, offer recreational benefits, and support local ecosystems.



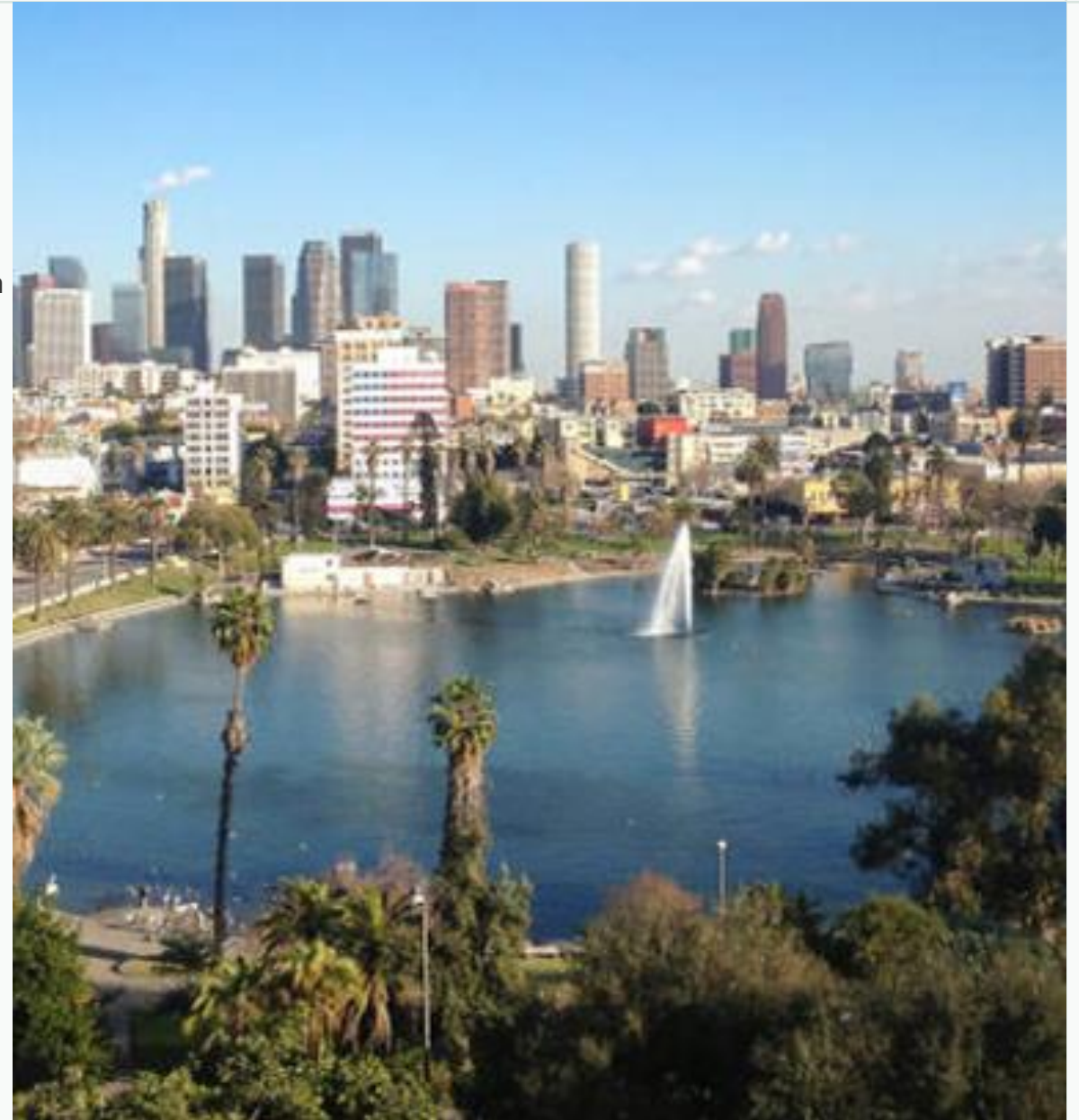
Benefits:

- **Water Quality:** Improve lake water quality to achieve TMDL limits for Ballona Creek Watershed and NPDES permit.
- **Multi-Benefit Use:** Provide flood protection, green spaces, parks, recreational opportunities, and benefits to local habitats & schools.
- **Urban Cooling:** Mitigate heat island effects via increased shade and tree coverage.
- **Disadvantaged Community Benefits:** Expand green spaces, recreational opportunities, and public health benefits.



Funding & Construction:

- **SCWP Funding:** \$20M (\$11M PMR approved)
- Construction: FY26-27



Edward Vincent Jr. Park (CSMB)

Project Lead: City of Inglewood



Overview:

The project aims to improve water quality and increase groundwater storage by implementing a surface retention/infiltration basin and biofiltration wetland. The park will manage runoff from a drainage area of approximately 895 acres. The project will reintroduce a historical creek feature through the park, enhancing park amenities and offering educational opportunities to the community.



Benefits:

- **Water Supply:** Capture full 85th percentile, 24-hour storm for the 857- acre drainage area with an active volume of 45.7 acre-feet.
- **Water Quality:** Reduce loading of metals, bacteria, trash, and total suspended solids by >80% in the Centinela Creek and Ballona Creek Estuary.
- **Community Benefits:** Increase public access to waterways, green space, and educational signage.
- **Urban Cooling:** Decrease heat island effect with increased shade.

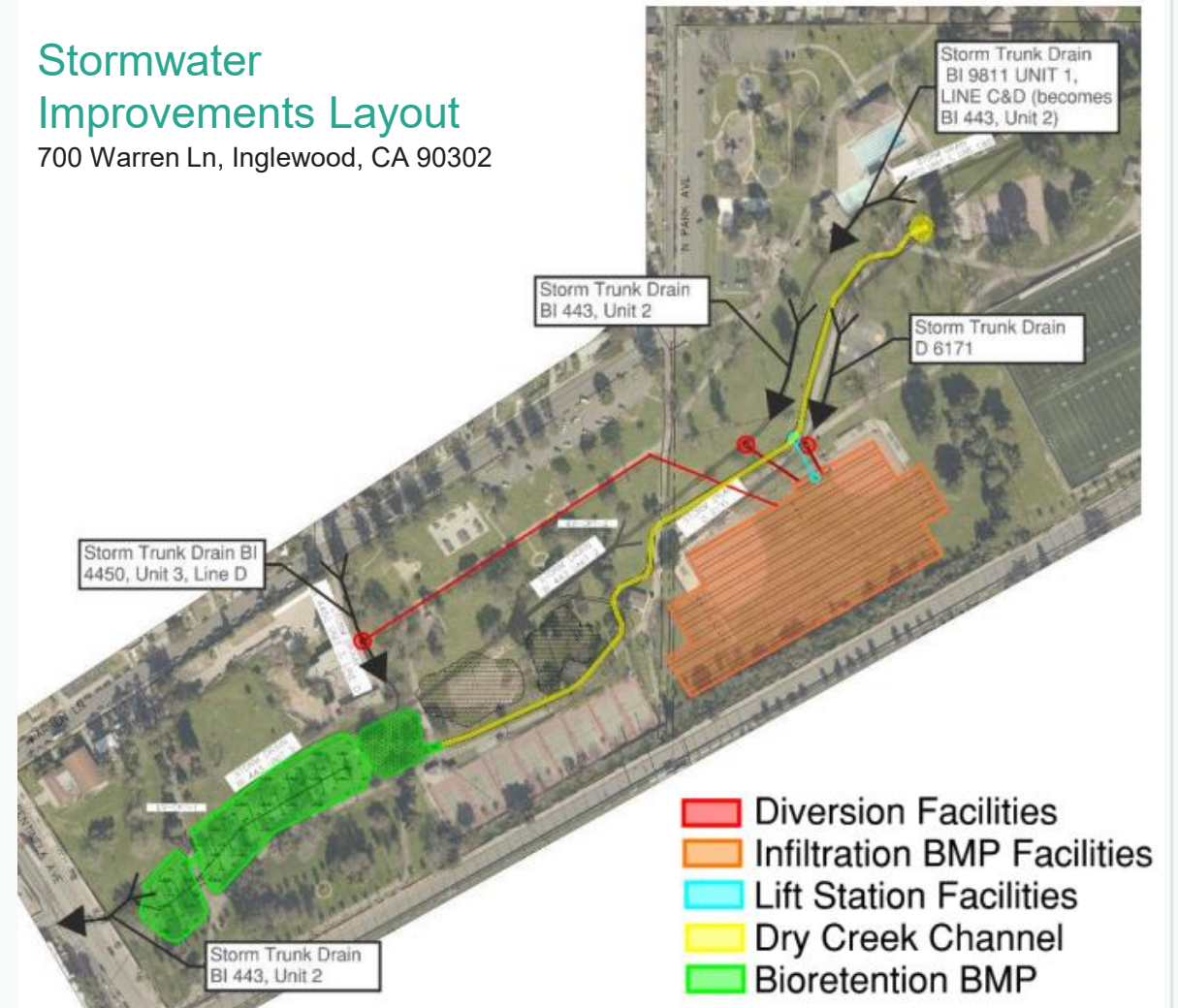


Funding & Construction:

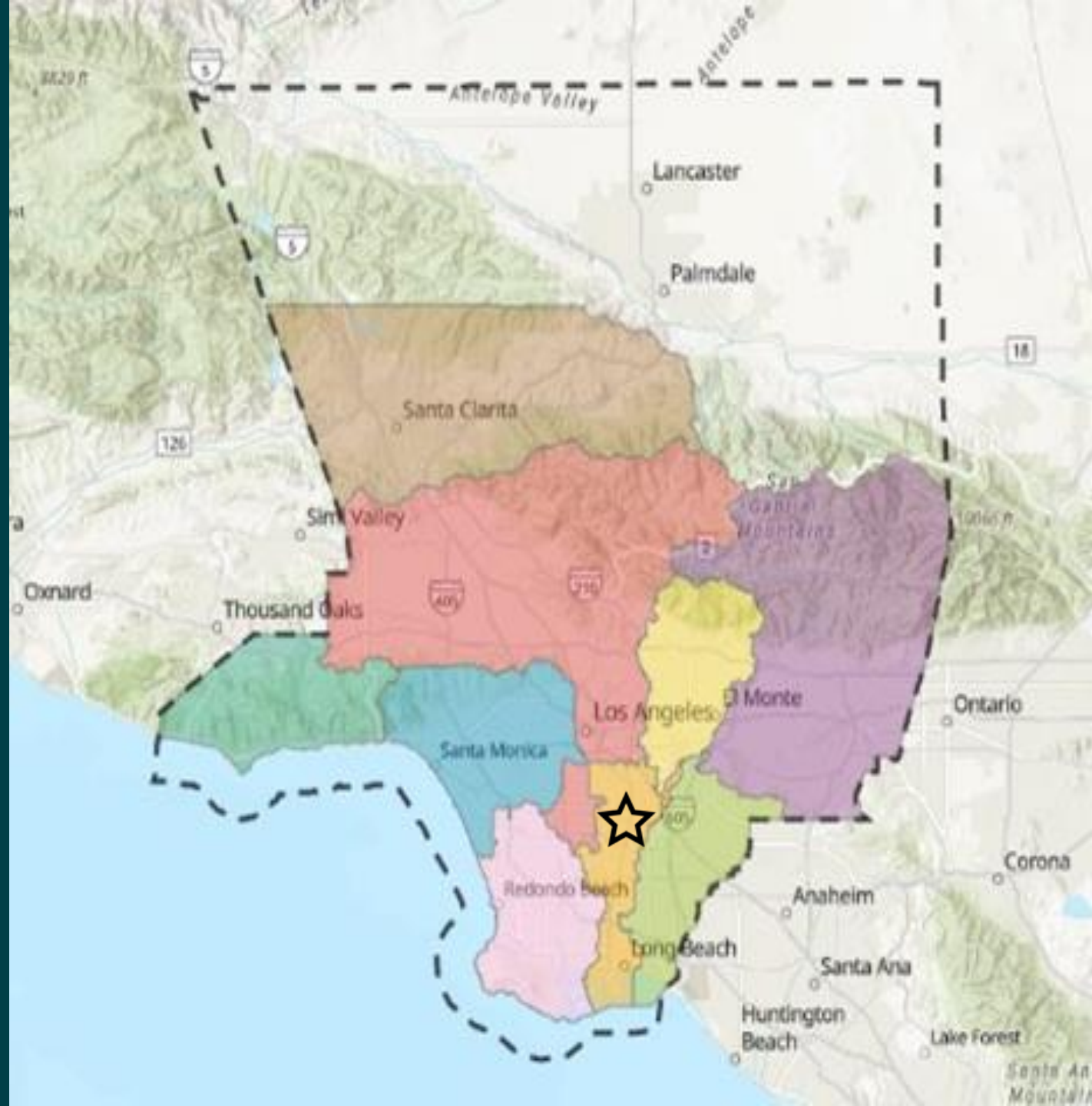
- **SCWP Funding:** \$4.3M
- **Design:** FY23-25, **Construction:** FY24-28

Stormwater Improvements Layout

700 Warren Ln, Inglewood, CA 90302



Lower Los Angeles River Watershed Area



Urban Orchard (LLAR)

Project Lead: City of South Gate

Overview:



Along the Lower LA River, in a disadvantaged community, 30 acres of vacant land (including an historic landfill) will be transformed into a multi-benefit park with a wetland for capturing dry-weather runoff and significant new habitat and recreational features.

Notable Benefits:



- **Community-chosen benefits:** Include an educational native garden, 196-tree orchard and Tongva-inspired playground
- **Community-driven revitalization effort:** 39 community meetings, focus groups, and tabling events; 986 community members engaged during concept/design phase.
- **Workforce development:** Partnership with Conservation Corps of Long Beach to provide training, programming, and ongoing park maintenance.

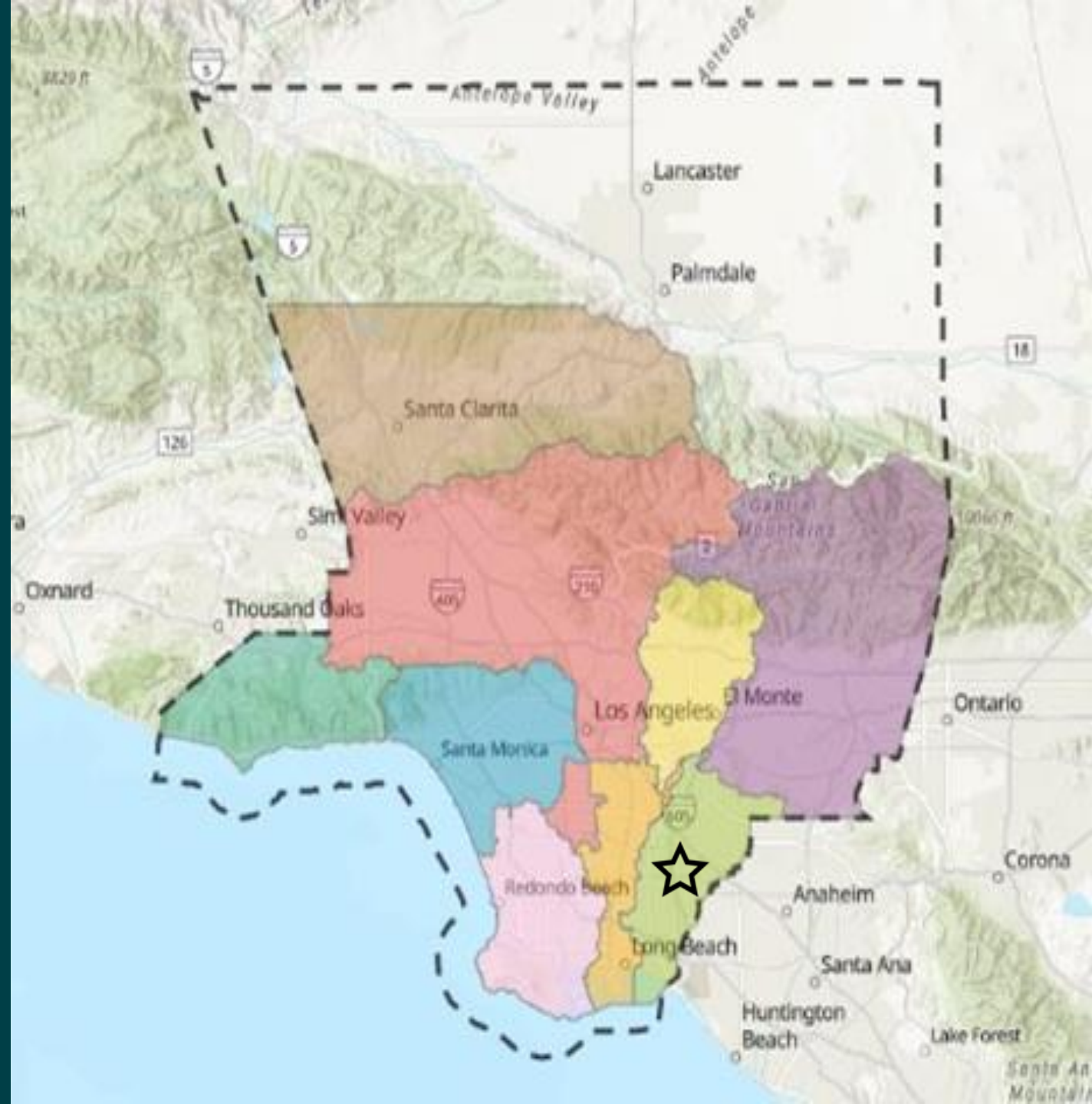


Funding & Construction:

- **SCWP Funding:** \$5.4M (Construction and O&M)
- **Outside Funding:** RMC (\$845K) (\$14M); State Water Board (\$8M); Land and Water Conservation Fund (\$1M)
- Construction End Date: 2024



Lower San Gabriel River Watershed Area



La Mirada Creek Park Project (LSGR)

Project Lead: City of La Mirada



Overview:

This project updates La Mirada Creek Park and includes the removal of 2,500 feet of concrete low-flow channel and the naturalization of the existing creek to capture up to 168 acre-feet per year (AFY) of dry weather flow.



Benefits:

- **Water Supply:** Capture water from 2,949 acres.
- **Reduced flooding:** Improve flood management.
- **Community Benefits:** Enhance park space, recreational opportunities, and public access to waterways.
- **Urban Cooling:** Reduce heat island effect through increased tree count.



Funding & Construction:

- **SCWP Funding:** \$6.6M
- **Outside Funding:** \$1.1M
- **Construction:** January 2025



North Santa Monica Bay Watershed Area



City of Agoura Hills Stormwater Diversion Project (NSMB)

Project Lead: City of Agoura Hills



Overview:

Project will divert ten storm drains throughout the City of Agoura Hills to the Tapia Water Reclamation Facility for water quality treatment and reuse, initially for irrigation and ultimately for potable water. Upon completion of Las Virgenes Municipal Water District's Pure Water Project, treated water will undergo reverse osmosis for local reservoir supply.



Benefits:

- **Water Supply, Dry Weather:** 1.1 million gallons per day of source water during dry weather.
- **Water Supply, First Flush:** 2.2 million gallons per day during first rain event of the year prior to shut off during rainy season.



Funding & Construction:

- **SCWP Funding:** \$2.97M
- **Outside Funding:** \$1.1M - \$1.2M from CWSRF (for construction)
- **Construction Start:** Spring 2025, **Construction Completion:** Winter 2026



Rio Hondo Watershed Area



Plymouth School Neighborhood Stormwater Capture Demonstration (RH)

Project Lead: Amigos de los Rios (AdlR)



Overview:

This small, non-municipal project is located at the Monrovia Unified School District K-5 elementary school. The project uses pervious surfaces, trees, and LID elements to enhance site drainage, water quality, and to augment water supply.



Benefits:

- **Reduced Flooding:** Reduced flooding of field & front of school, enhancing public health by minimizing mosquitos.
- **Water Quality:** Avoided flooding prevents water pollutant exposure and asphalt replaced by vegetation filters water.
- **Water Supply:** Improved runoff capture and infiltration through landscape vegetation.
- **Community Benefit:** Beautified & enhanced campus with outdoor learning spaces and more tree cover for urban cooling.



Funding & Construction:

- **SCWP Funding:** \$559k (\$844K total cost)
- **Outside Funding:** CNRA Prop 68 grant; IRWMP, CalFire, San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy grant
- Design: 2019, Construction: 2023 (completed)



Santa Clara River Watershed Area



Via Princessa Park and Regional Infiltration BMP (SCR)

Project Lead: City of Santa Clarita

Overview:



The project will include an underground infiltration BMP system, a new park, enhanced/restored habitat, improved access to the SCR and Honby Channel, new recreational opportunities, and reduced heat island effect through increased shade. Disadvantaged communities within ½ mile of project will benefit from this space.



Benefits:

- **Water Quality:** Remove 84.3% bacteria and 89.5% copper in water supplies captured.
- **Water Supply:** A wet facility will provide 674.5 AF annually.

Funding & Construction:



- **SCWP Funding:** \$20.1M
- **Outside Funding:** \$10M (cost share funding)
- **Construction:** 2025 (90% complete)



South Santa Monica Bay Watershed Area



Beach Cities Green Streets (SSMB)

Project Lead: City of Torrance, in close partnership with collaborators: Cities of Hermosa, Manhattan, and Redondo Beach, State Coastal Conservancy and Santa Monica Bay Restoration Commission



Overview:

This is a collection of distributed projects under one regional project, the first of its kind to receive funding. The project will retrofit existing rights-of-way with green infrastructure to improve coastal water quality by reducing pollutant load through the capture, treatment, and infiltration of stormwater. Notable outreach regarding the project has been carried out across the community.



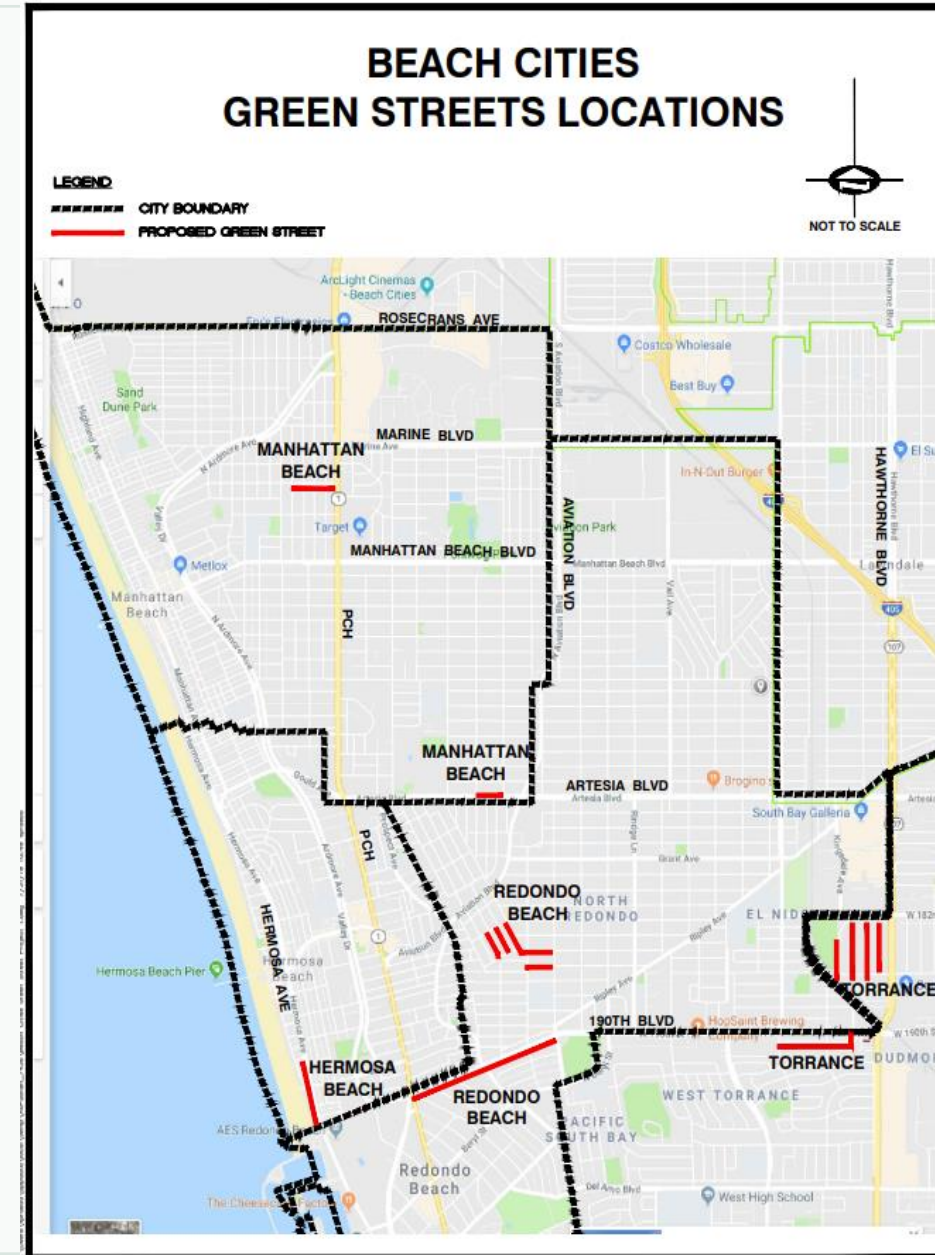
Benefits:

- **Water Quality, Wet-Weather :** Capture water from 200 acres, removing bacteria, DDT, PCBs, and trash prior to reaching the ocean
- **Community Investments:** Addition of 200 trees will reduce localized flooding and decreases local temperatures

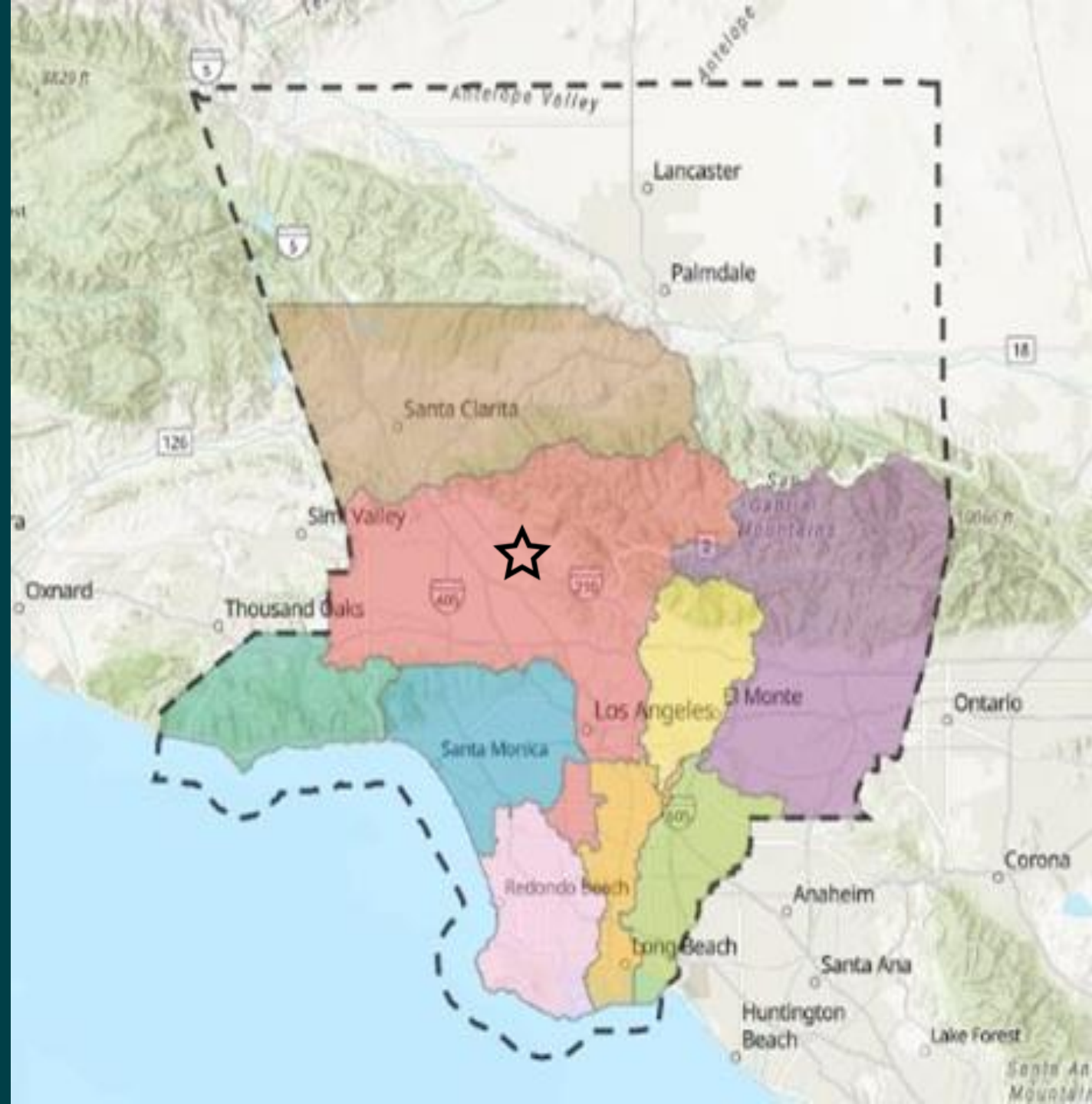


Funding & Construction:

- **SCWP Funding:** \$5.4M
- **Outside Funding:** \$650K from Beach Cities (33.1% fund match), \$2M from Santa Monica Bay Restoration Commission
- **Construction Start:** March 2025



Upper Los Angeles River Watershed Area



Earvin “Magic” Johnson Park Operation and Maintenance Project (ULAR)

Project Lead: Los Angeles County Public Works



Overview:

Located in a densely urbanized and underserved area of South LA County’s unincorporated region, this project addresses stormwater capture and water quality while protecting Compton Creek. The park, previously reliant on potable water, has been re-engineered with a stormwater management system that treats and stores urban runoff for irrigation.



Benefits:

- **Community Investment Benefits:** Nature-based solutions provide recreational opportunities and waterway access, which benefits disadvantaged communities as well
- **Water Supply:** Reduced reliance on potable water and improved flood management
- **Water Quality:** Improved water treatment via nature-based solutions solutions



Funding & Construction:

- **SCWP Funding:** \$1.6M (FY23-24 O&M funding covered a 5-year period)
- **Outside Funding:** \$1.6M LA County municipal funds
- Construction: 2021 (completed)



Bowtie Demonstration Project (ULAR)

Project Lead: The Nature Conservancy



Overview:

The Bowtie Demonstration Project is situated along the LA River and just 400 feet from a severely disadvantaged community. Its strategic location demonstrates how LA River habitats can be improved while offering co-benefits like stormwater management and increased public access. The project has excelled in community engagement and securing O&M funding before construction completion, demonstrating a seamless transition to post-construction operations and maintenance.



Benefits:

- **Urban Cooling:** Reduce heat island effect through tree canopies and green landscape.
- **Water Quality:** Address pollution & historical contamination through nature-based solutions that treat stormwater.
- **Community Benefits:** Promote access to waterways, raise public awareness, provide access to nature and recreation, and create green space through a wetland, especially for nearby disadvantaged communities.



Funding & Construction:

- **SCWP Funding:** \$2.97M
- **Outside Funding:** \$844K from The Nature Conservancy
- **Construction:** January 2026 (O&M funding starts in 2026 for a five-year period)



Valley Plaza Park Stormwater Capture Project (ULAR)

Project Lead: Los Angeles Department of Water and Power (LADWP)



Overview:

The Valley Plaza Park Stormwater Capture Project will capture 590 acre-feet (AF) of stormwater per year, improve water quality, enhance the disadvantaged community, and mitigate flooding.



Benefits:

- **Water Quality:** Removal of 93% of Zinc and 80% of E. coli.
- **Water Supply:** Capture & infiltrate 90 AF of stormwater per year to recharge the aquifer.
- **Urban Cooling:** Addition of 181 trees will provide shade & reduce heat island effect.
- **Reduced Local Flooding:** Capacity for 52.8 AF of stormwater.
- **Disadvantaged Community Benefits:** Enhance recreational opportunities & school greening, provide new local jobs, increase shade, improve air quality.
- **Hardscape Removal (Nature-Based Solution):** 100% of impermeable area will be replaced by natural vegetation.

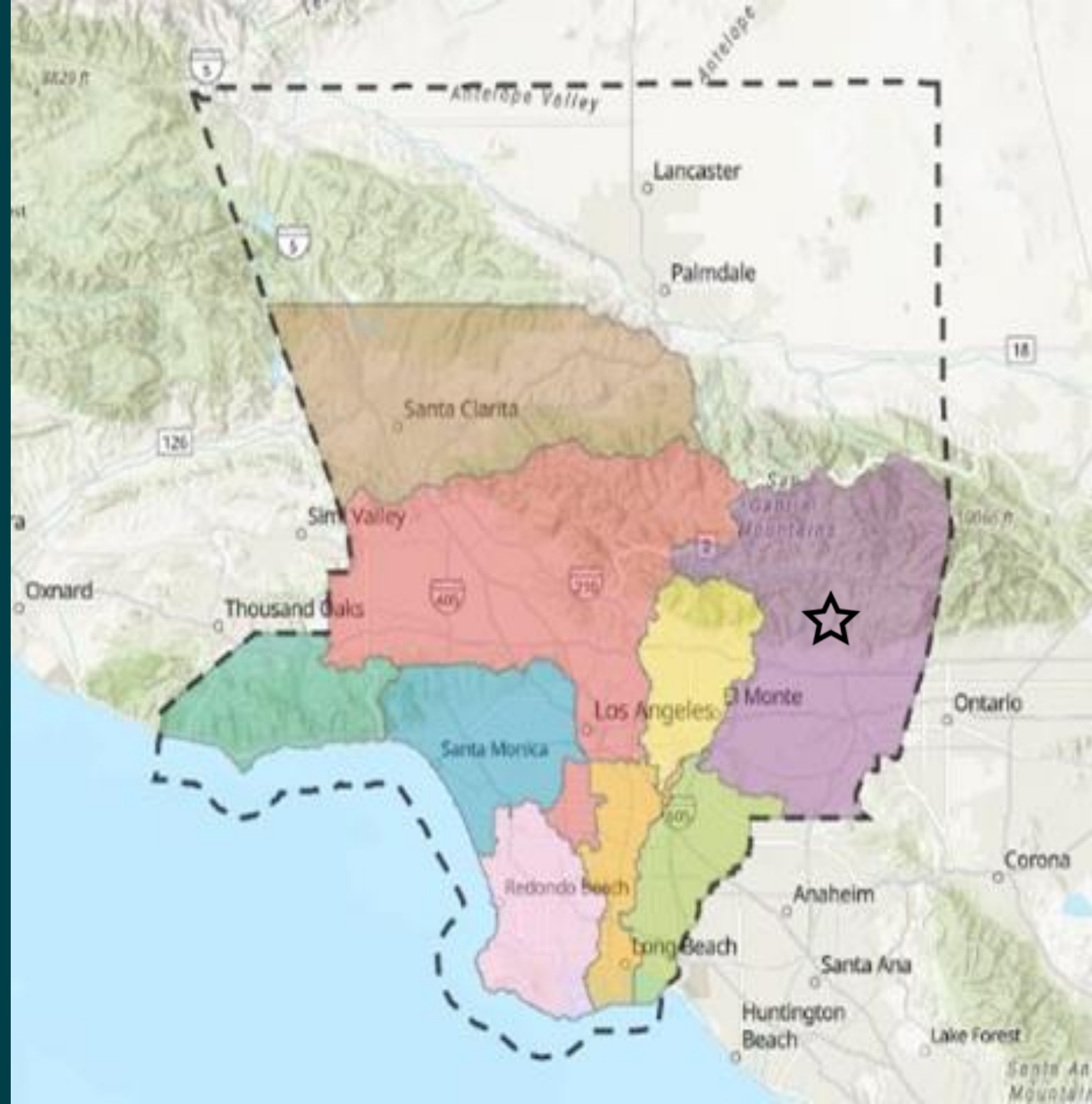


Funding & Construction:

- **SCWP Funding:** \$26.4M
- **Outside Funding:** \$26.9M from LADWP
- **Design:** 12/2021, **Construction:** 10/2026



Upper San Gabriel River Watershed Area



Bassett High School Multi-Benefit Stormwater Capture Project (USGR)

Project Lead: County of Los Angeles



Overview:

A regional, multi-benefit, stormwater capture project at Bassett High School in the City of La Puente. Project will divert, treat and infiltrate approximately 668AF of stormwater each year from a 1,146.5 acre tributary area to reduce pollutants entering the San Gabriel River. Project objectives are to improve water quality, increase water conservation through groundwater recharge, and promote recreational opportunities.



Benefits:

- **Community Benefits:** Provide recreational opportunities, enhance green space at the school, and offer habitat and park space.
- **Reduced Flooding:** Improve flood protection.
- **Urban Cooling:** Additional trees will increase shading and reduce heat island effect.



Funding & Construction:

- **SCWP Funding:** \$31.2M
- **Outside Funding:** \$31.2M from County of Los Angeles
- Design: late 2024, Construction Starts: late 2025, Construction Completion: early 2029

