

Safe, Clean Water Program

Watershed Coordinators

Roles and Responsibilities



The Watershed Coordinators will be responsible for connecting potential applicants with technical resources and building inclusion and meaningful engagement in pursuit of SCW Program goals. Specific responsibilities of the Watershed Coordinators include, but are not limited to, the following:

- Work with Technical Assistance Teams to bring resources to potential Infrastructure Program Project Applicants;
- Work with Municipalities and Stakeholders to identify and develop Project concepts that may be elevated to the Watershed Area Steering Committees and Technical Assistance Teams to assist with development of Feasibility Studies;
- Identify and help leverage and secure additional funding sources for Regional Projects and Programs;
- Engage Municipalities, community groups, and other watershed Stakeholders to ensure diverse perspectives are included in planning and implementation of the Regional Program;
- Conduct community outreach to diverse communities, with an emphasis on disadvantaged communities;
- Provide leadership in community outreach efforts related to watershed planning;
- Facilitate collaborative decision-making between private and public entities to develop and implement actions that best address community priorities;
- Integrate community, Municipality, and regional priorities through partnerships and extensive networks;
- Organize public outreach events included in SIPs, such as workshops, demonstrations, community forums and restoration activities, to educate Stakeholders on stormwater-related topics;
- Serve as non-voting members of the Watershed Area Steering Committees for their respective Watershed Areas; and
- Collaborate with all other Watershed Coordinators and the District to help ensure consistency in implementation and to inform each other of effective efforts, outreach, and communication approaches, including sharing best practices and resources.

The Watershed Coordinator role and responsibilities include assisting to meet the requirements of the Safe, Clean Water Program Implementation Ordinance and the Los Angeles Region Safe, Clean Water Program Ordinance, both of which are codified in the LACFCD Code.

An aerial photograph of the Los Angeles coastline and city grid, showing the ocean on the left and the city on the right. The image is used as a background for the title and project information.

Sorensen Park Multi-Benefit Stormwater Capture Project

Technical Resource Program
Los Angeles County Public Works

Lonnie Chung
Iwen Tseng, P.E.



Project Overview

The potential Project will address urban and stormwater runoff as part of a multi-benefit project to improve water quality and enhance the community.

- Objectives
 - Primary: Water Quality (Bacteria and Metals TMDLs)
 - Secondary: Water Supply (Central Basin)
- Project Status: SCW funding is being requested for Planning Phase
- Total Funding Requested: \$300,000 (TRP)

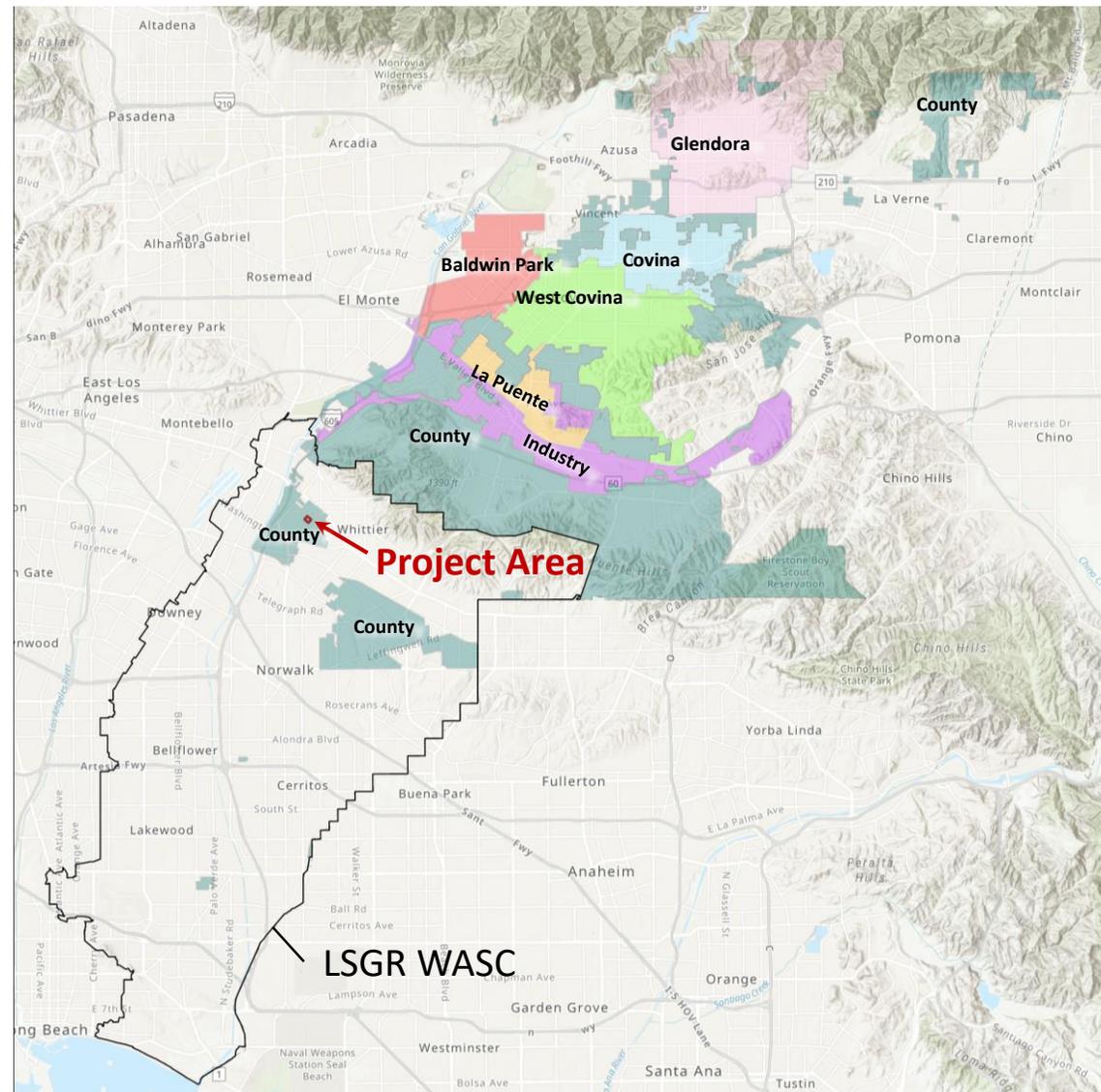




Project Location



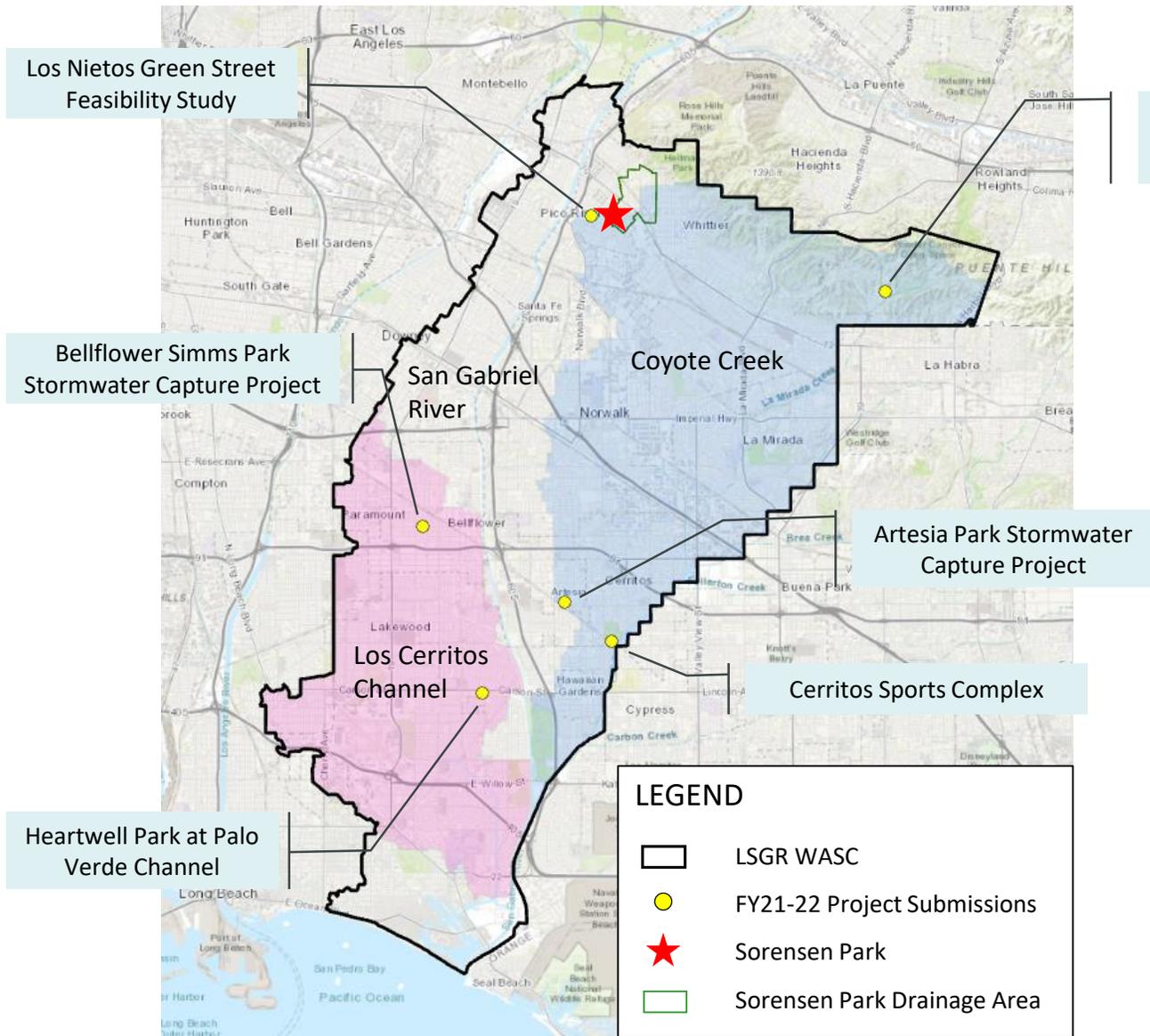
SCW Watershed Areas



USGR Watershed Management Area³



Project Location

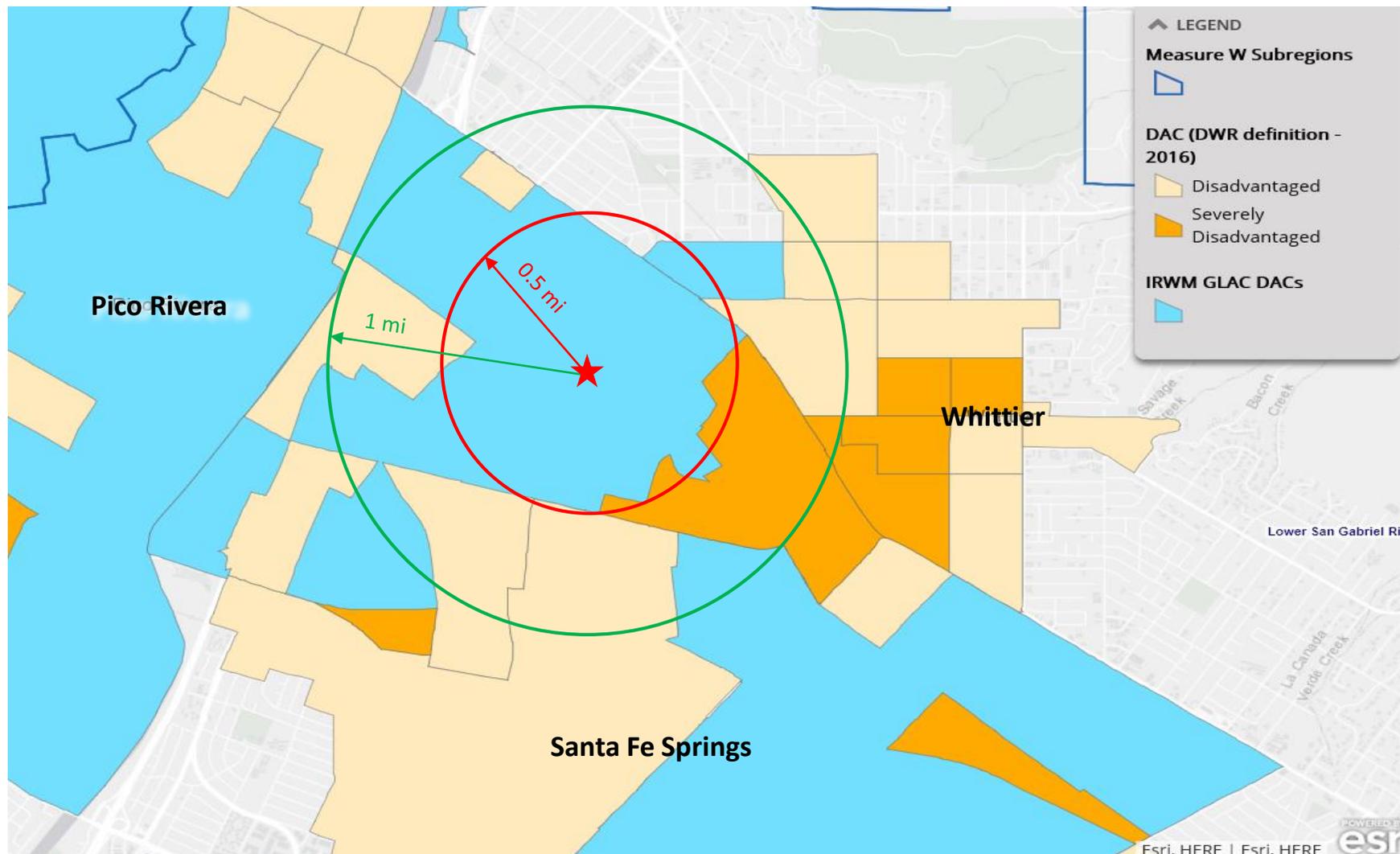


Stormwater Treatment and Reuse System (STAR System) Hacienda Park

- Unincorporated County Community of West Whittier/Los Nietos
- San Gabriel River and Coyote Creek watersheds



Project Location



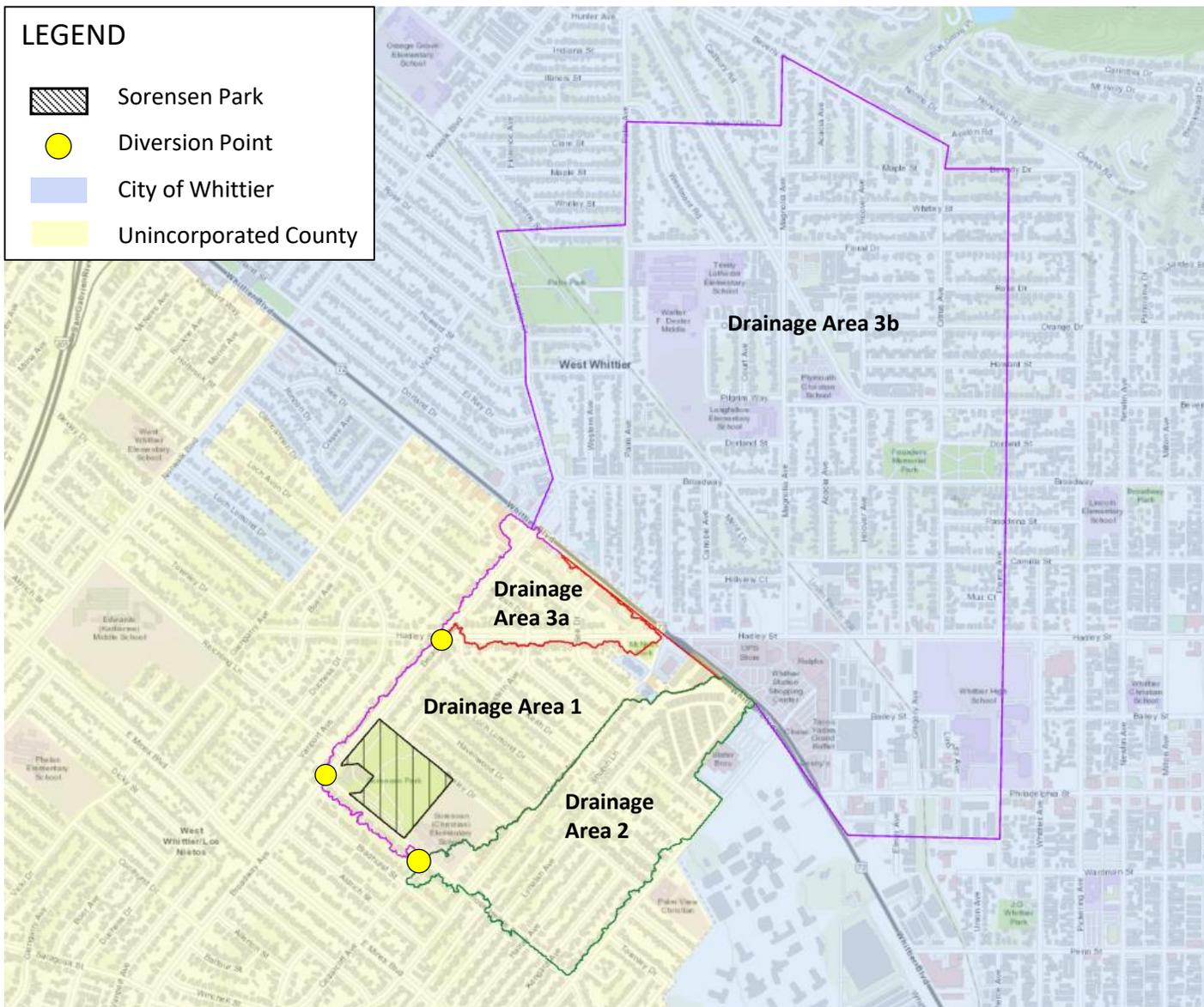
- Integrated Regional Water Management (**IRWM**)
- Greater Los Angeles County (**GLAC**)
- Department of Water Resources (**DWR**)
- Disadvantaged Community (**DAC**)



Project Location

LEGEND

-  Sorensen Park
-  Diversion Point
-  City of Whittier
-  Unincorporated County



Drainage Area (DA)	Area (ac)	Jurisdiction	Estimated 85 th Percentile Volume (ac-ft)
1	110	Unincorporated County	3
2	93	Unincorporated County	2
3a	34	Unincorporated County	1
3b	400	City of Whittier	11
TOTAL	637	-	17



Project Background



June 2015
Rev. August 2015
Rev. January 2016

LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

ENHANCED WATERSHED MANAGEMENT PROGRAM PLAN

Prepared for:

Upper San Gabriel River Enhanced Watershed Management Program Group
(County of Los Angeles, Los Angeles County Flood Control District, Cities of Baldwin
Park, Covina, Glendora, Industry, La Puente, and West Covina)

- Upper San Gabriel River Enhanced Watershed Management Program
- Geotechnical Investigations
 - 2018 & 2019
- Potential Partnership Opportunities
 - City of Whittier



Project Details



Site Condition

- Drainage Area: 637 acres
- 85th Percentile Volume: 17 ac-ft

BMP Options

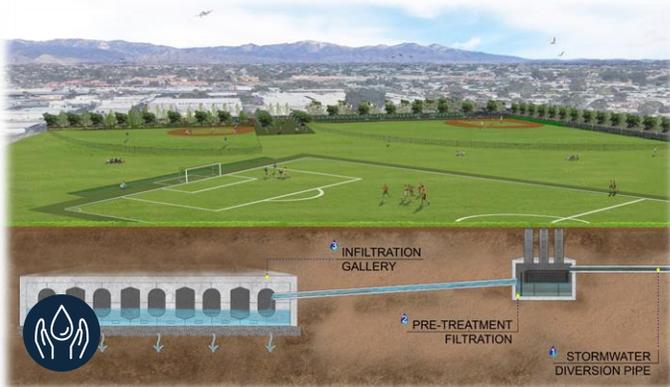
- Infiltration Gallery and/or Drywells
- Sewer Diversion
- Nature-based Solutions

Other Considerations

- Innovative Low-Impact-Development
- Additional Trees and Landscaping
- Interpretive Signage
- Passive Recreational Elements



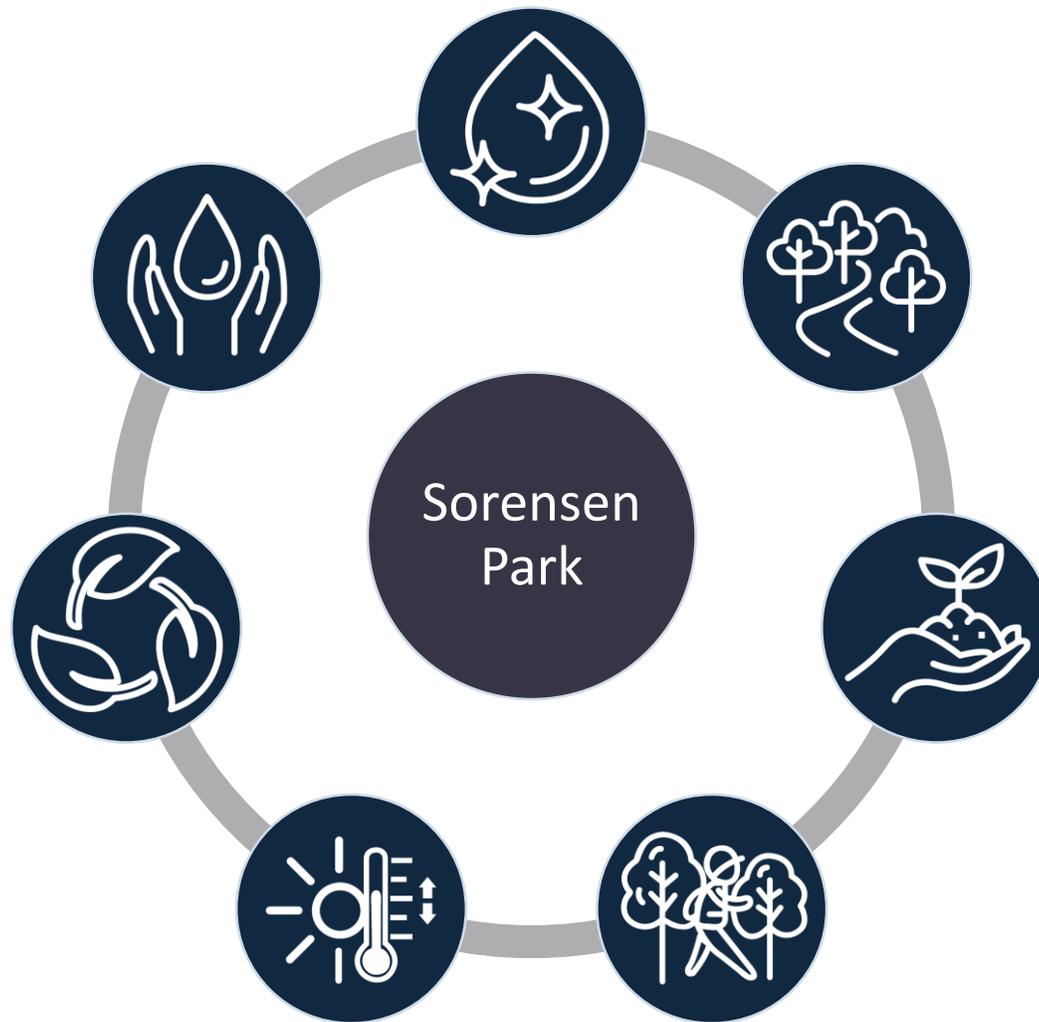
Project Benefits



Increase Water Supply



Enhance Park/Habitat & Recreational Opportunities



Increase Trees & Vegetation, Reduce Heat Island Effect, & Promote Natural Processes



Improve Stormwater Quality



Cost & Schedule

Phase	Description	Cost	Completion Date
Planning	PCR Development, Community Engagement	\$300,000	Funding Dependent
Design	100% PS&E, Monitoring Plan, Community Engagement	\$1,700,000*	Funding Dependent
Construction	B&A, Mobilization, Construction, Close Out	\$18,000,000*	Funding Dependent
TOTAL		\$20,000,000*	

* Preliminary costs are subject to change based on results of the feasibility study

- Annual Costs*
 - Maintenance: \$75,000
 - Operation: \$75,000
 - Monitoring: \$20,000 - \$50,000
- Project Lifespan: 50 years



Funding Request

Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$300,000	Planning	Engage potential partners, engage communities, and complete Feasibility Study
TOTAL	\$300,000		

- Additional SCW funding will be requested upon completion of the Feasibility Study



Questions?



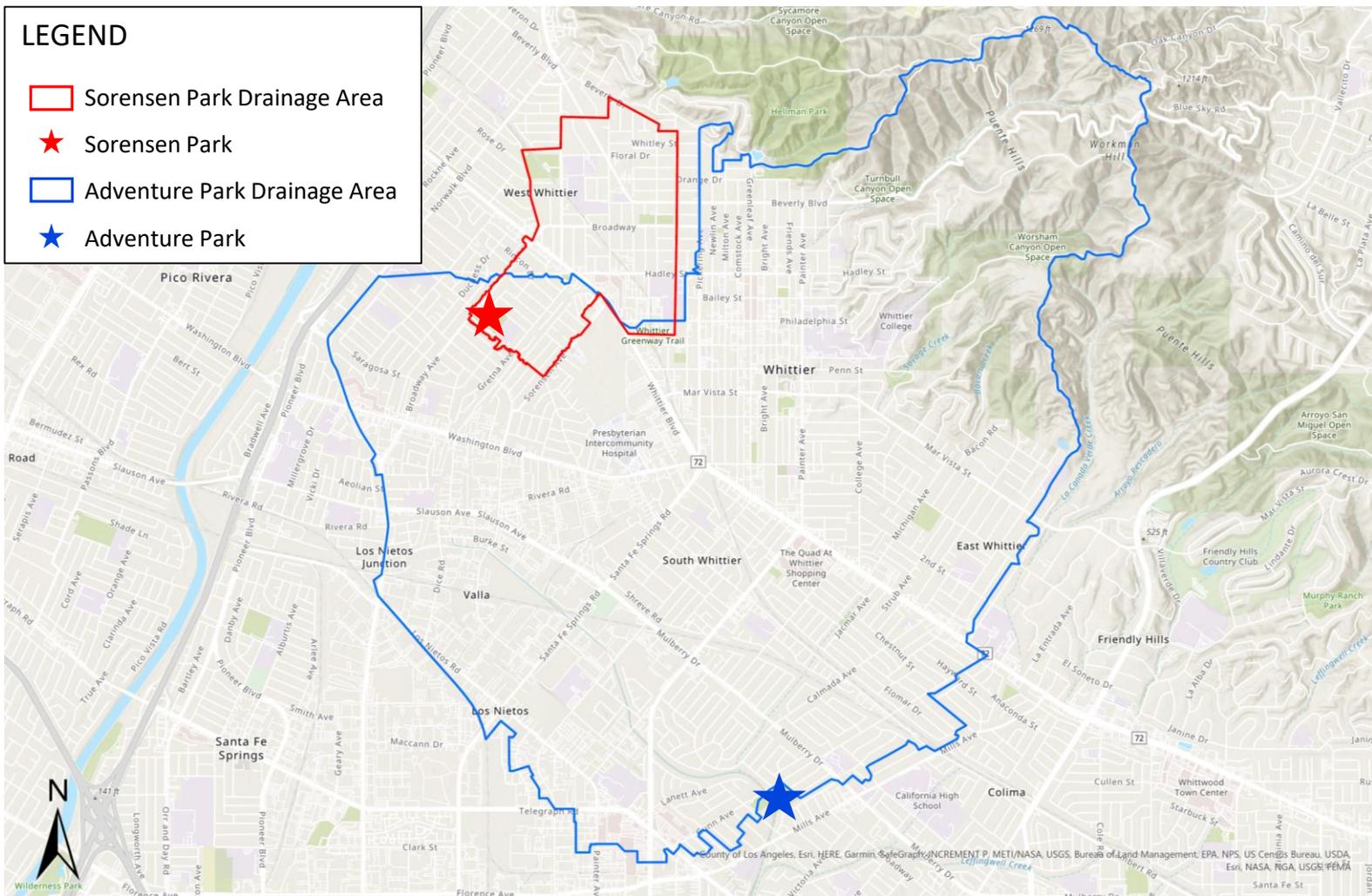
Optional Q&A Slides



Project Location

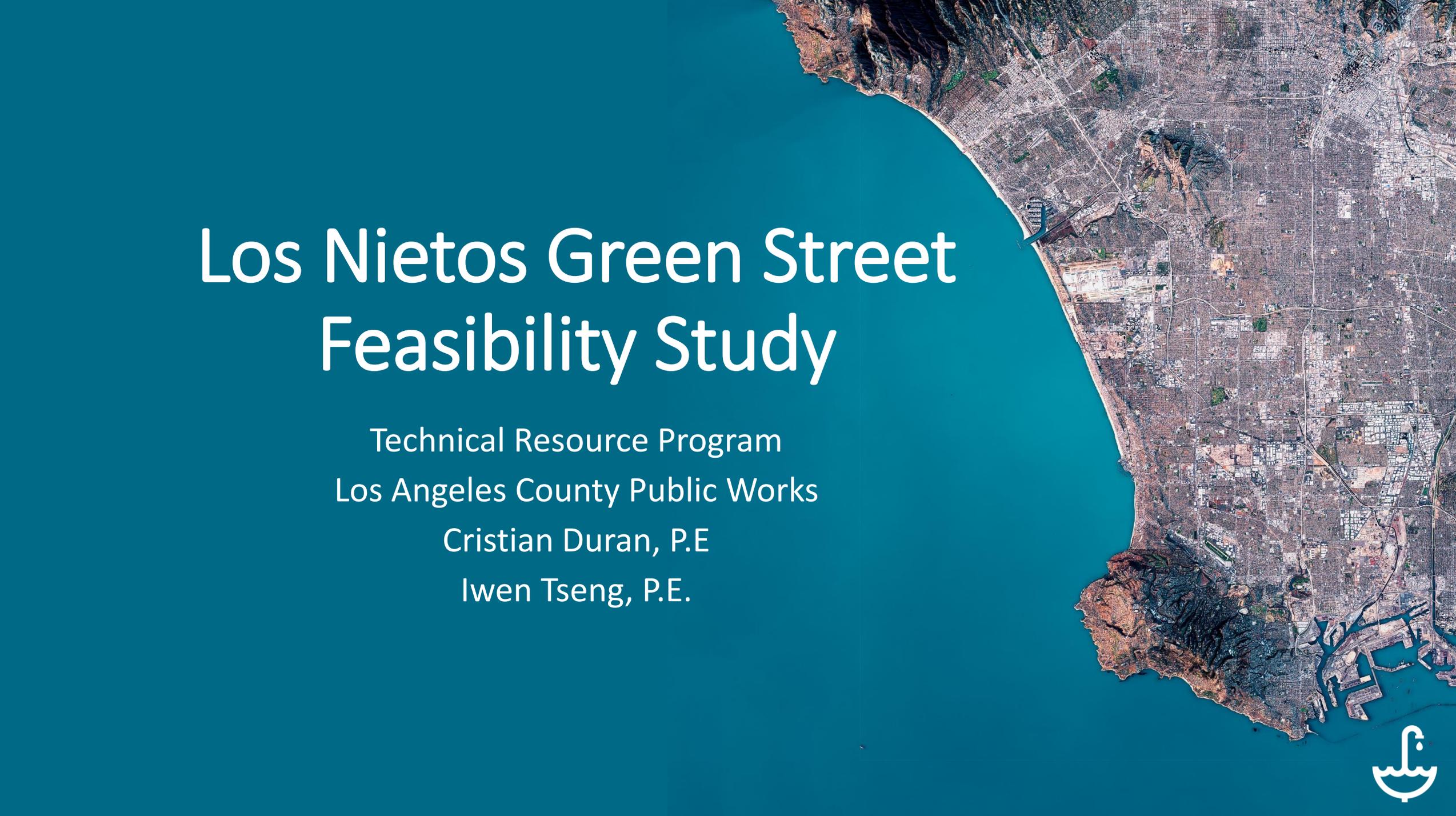
LEGEND

- Sorensen Park Drainage Area
- ★ Sorensen Park
- Adventure Park Drainage Area
- ★ Adventure Park



Adventure Park	
85 th Percentile Volume	195 ac-ft
Captured 10%	19.5 ac-ft
Remaining 90% Uncaptured	175.5 ac-ft

Sorensen Park	
Sorensen Park	17 ac-ft
Estimated 85 th Percentile Volume	17 ac-ft

An aerial photograph of the Los Angeles coastline and city grid, showing the ocean on the left and the city extending inland to the right. The image is used as a background for the title slide.

Los Nietos Green Street Feasibility Study

Technical Resource Program
Los Angeles County Public Works

Cristian Duran, P.E

Iwen Tseng, P.E.



Project Overview

The potential Project will address urban and stormwater runoff as part of a multi-benefit project to improve water quality and enhance the community.

- Objectives
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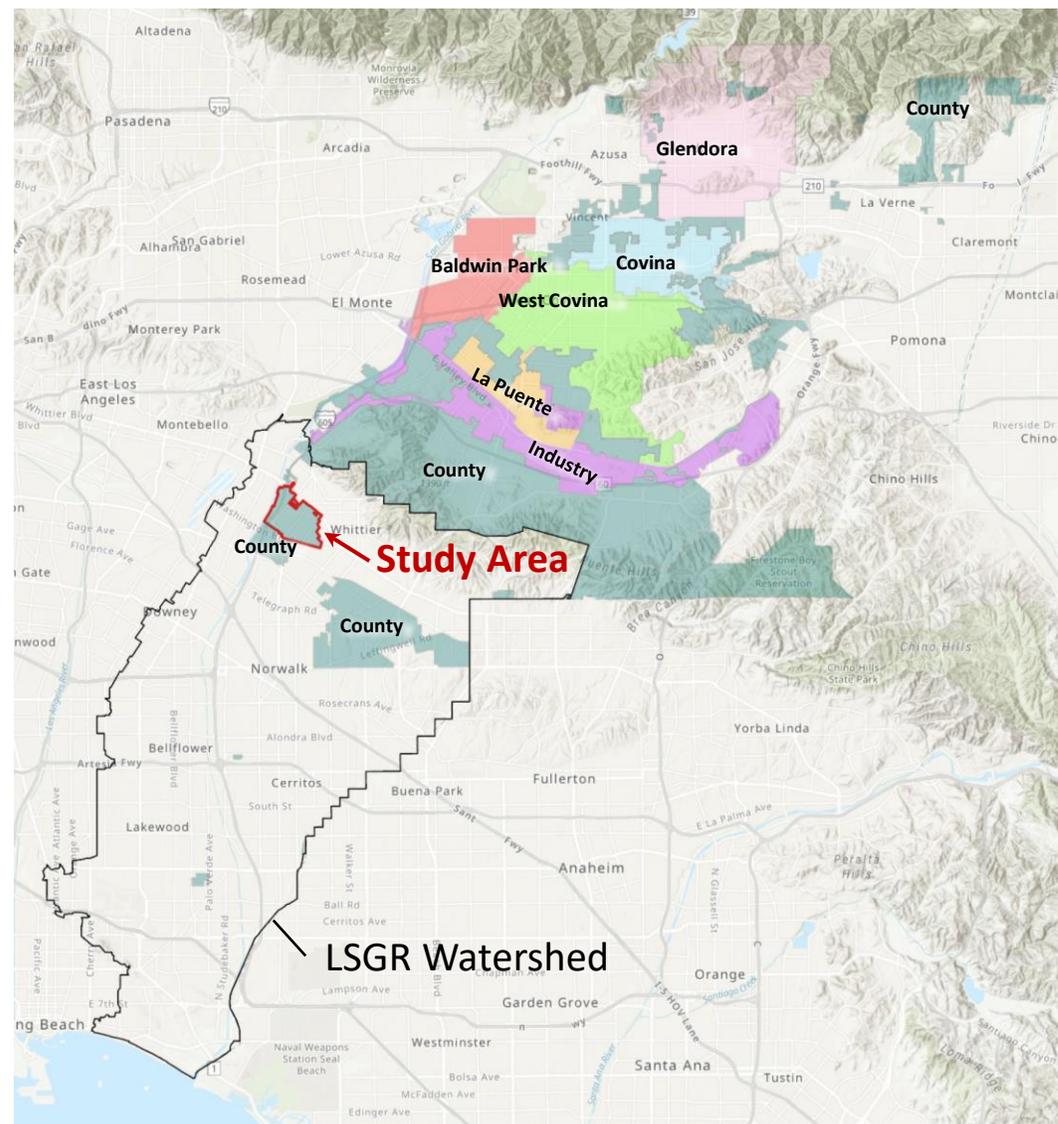




Project Location



SCW Watershed Areas



USGR Watershed Management Area 3



Project Location

Sorensen Park Multi-Benefit Stormwater Capture Project

Bellflower Simms Park Stormwater Capture Project

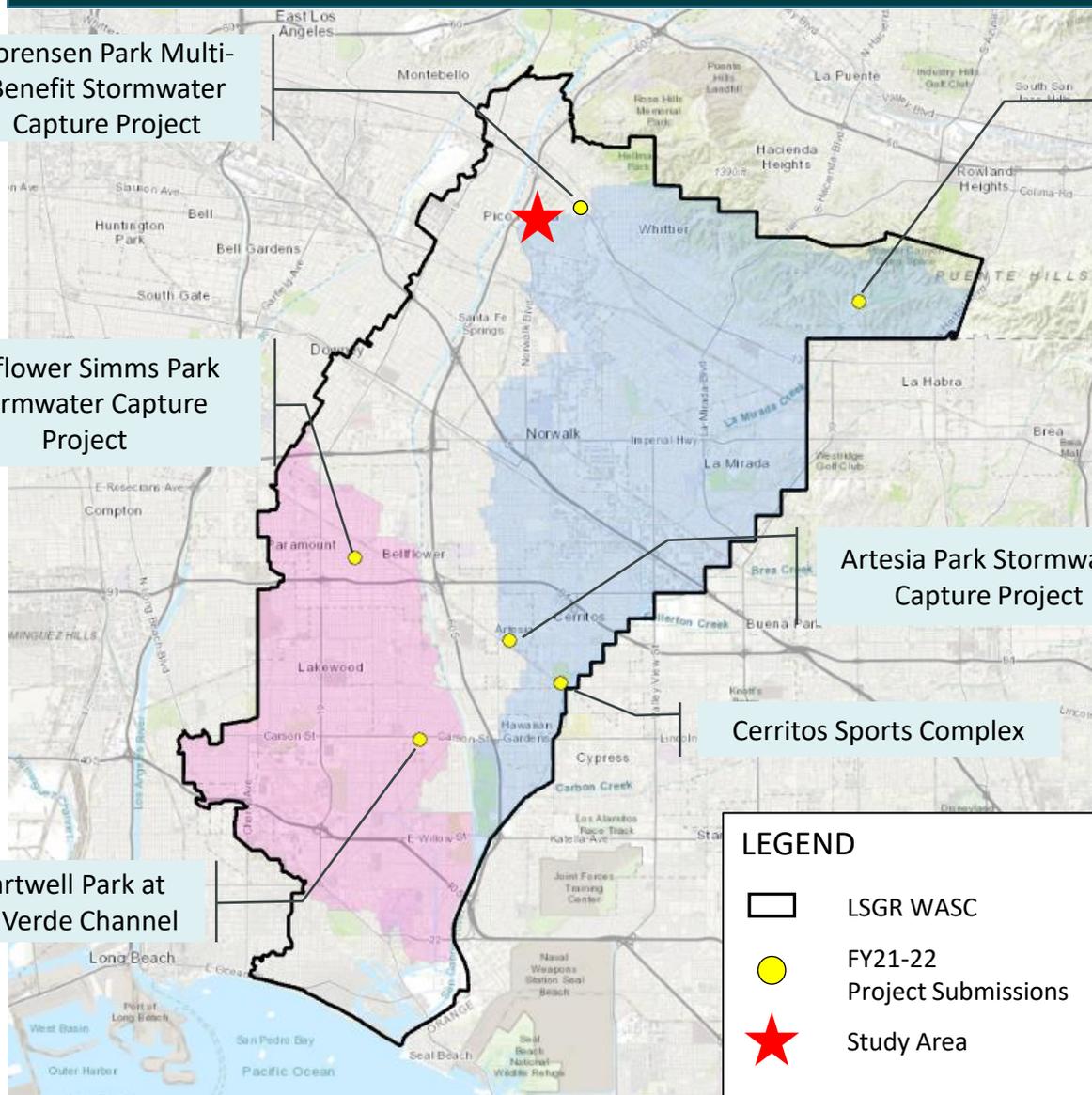
Artesia Park Stormwater Capture Project

Cerritos Sports Complex

Heartwell Park at Palo Verde Channel

Stormwater Treatment and Reuse System (STAR System) Hacienda Park

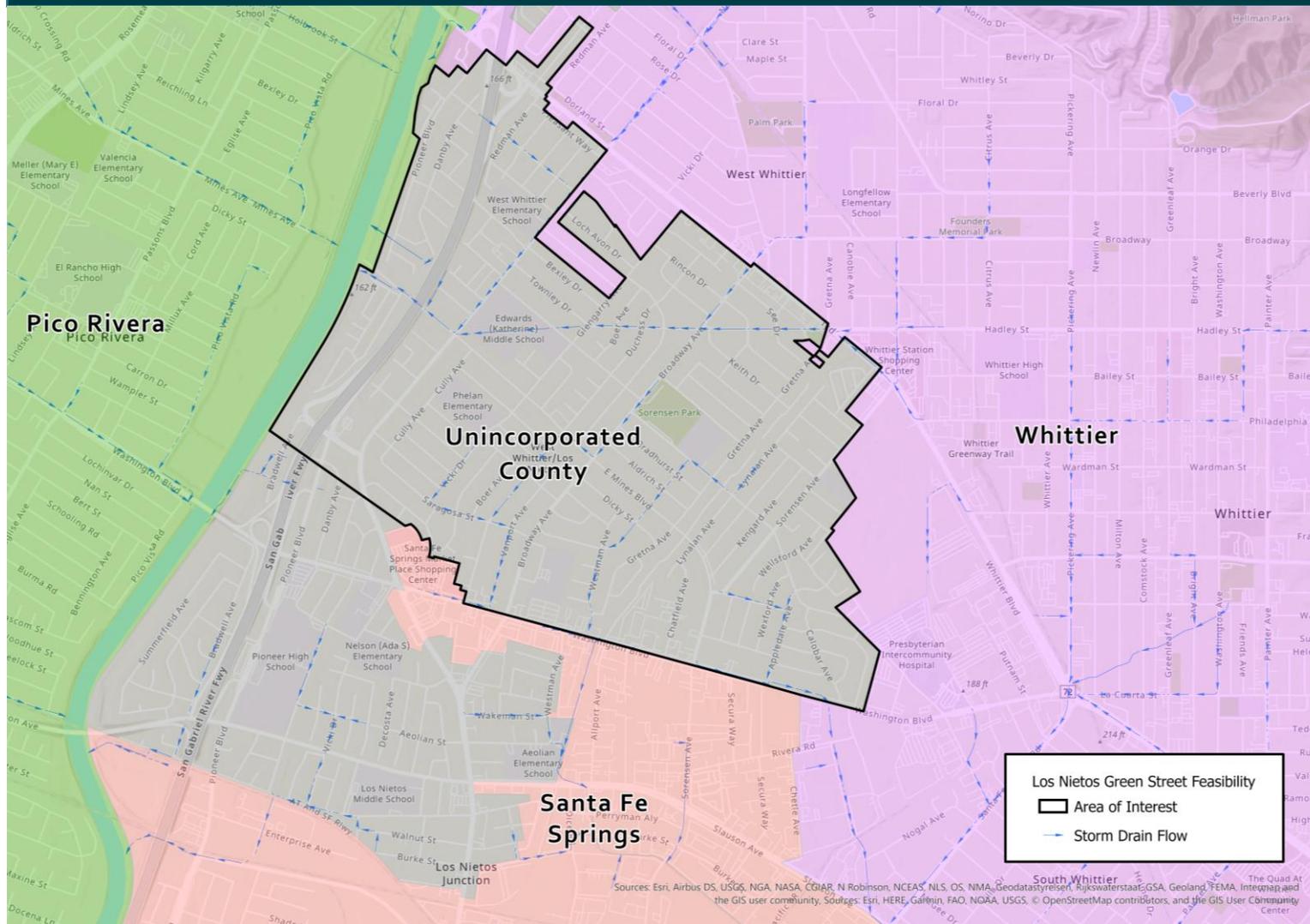
- Unincorporated County Community of West Whittier / Los Nietos
- San Gabriel River and Coyote Creek Watersheds



LSGR WASC Area



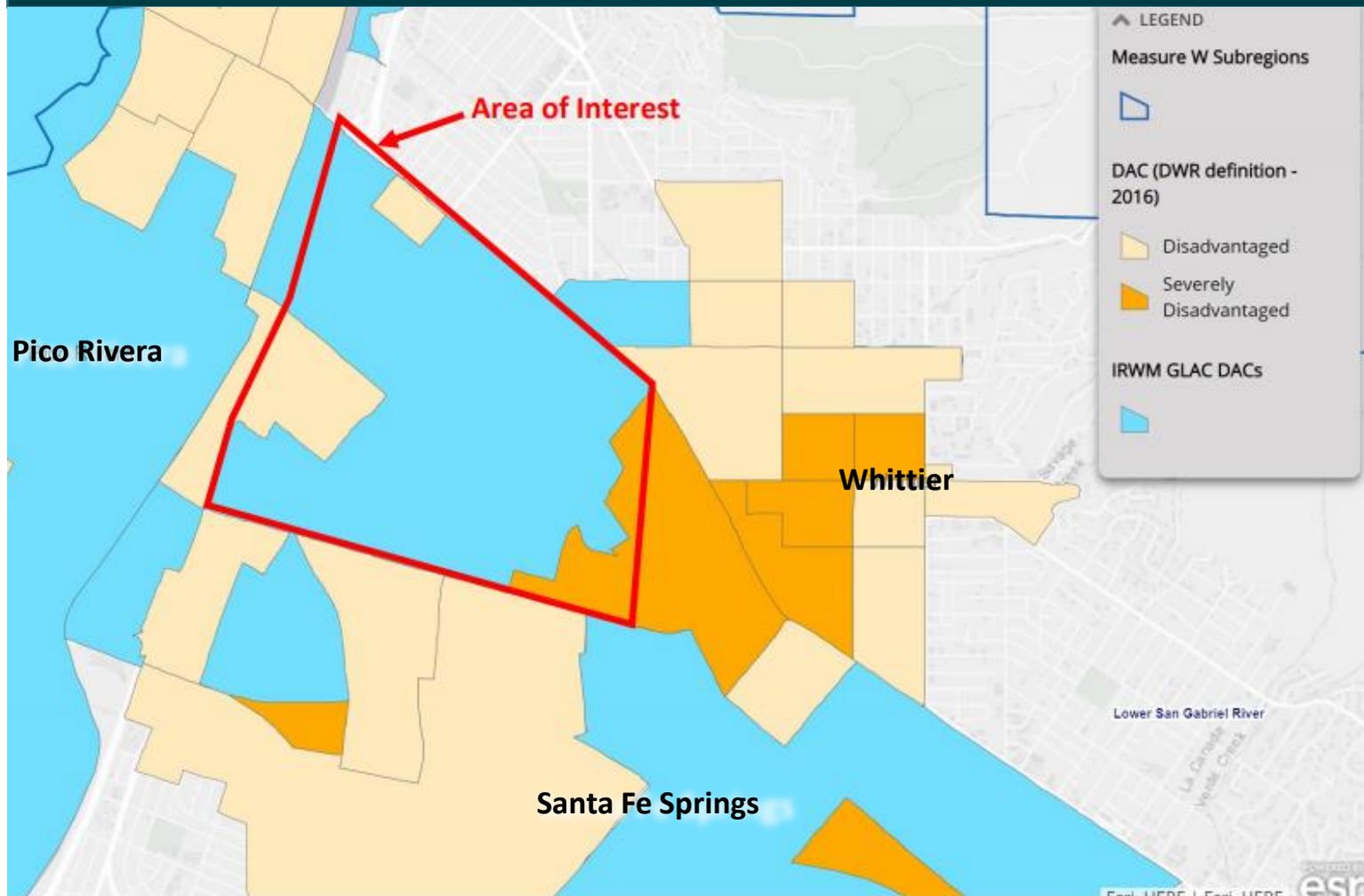
Project Location



- Community of West-Whittier / Los Nietos
- Area: 1,070 Acres
- 85th Percentile Volume: 45 ac-ft



Project Location

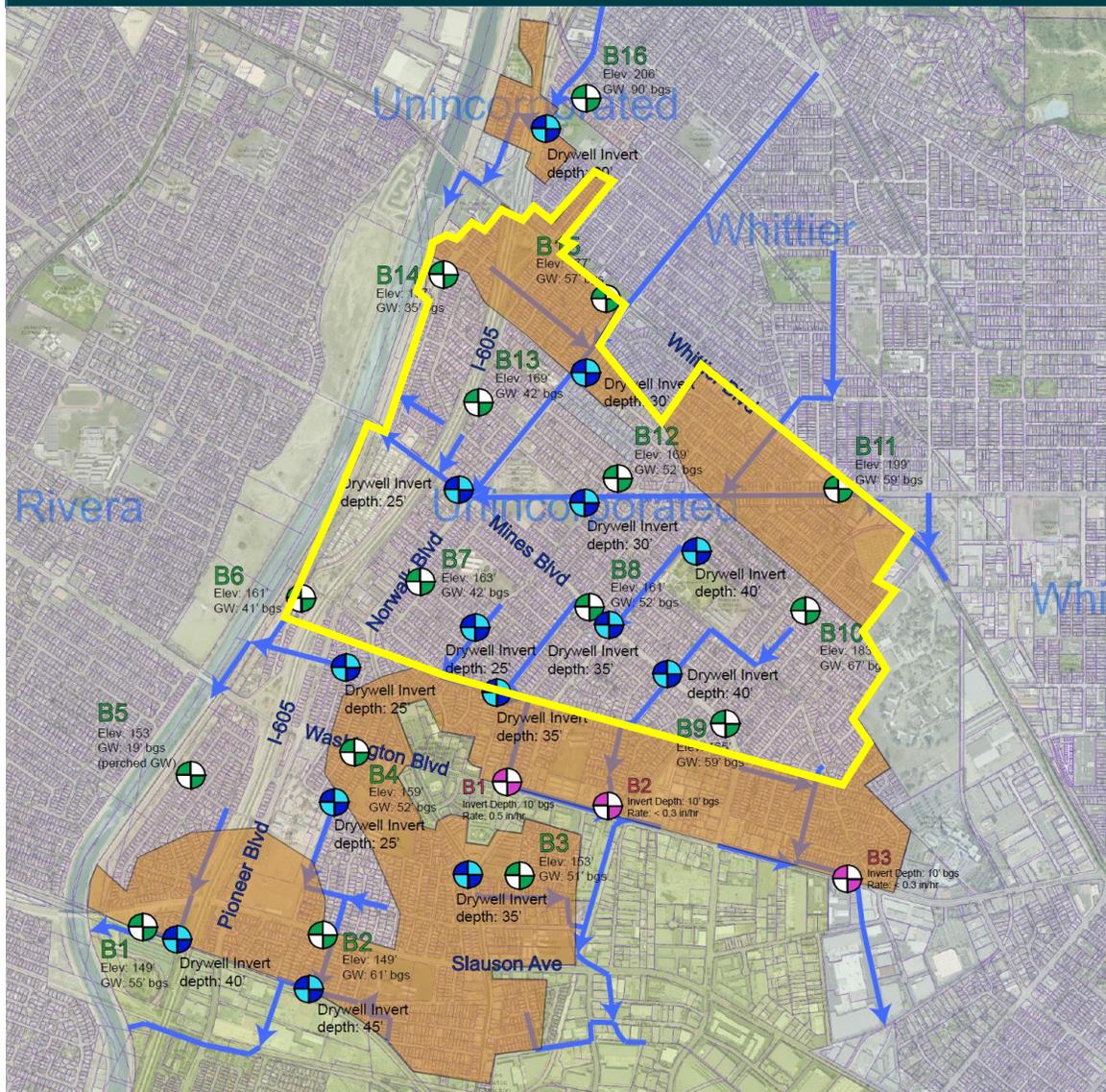


- Integrated Regional Water Management (**IRWM**)
- Greater Los Angeles County (**GLAC**)
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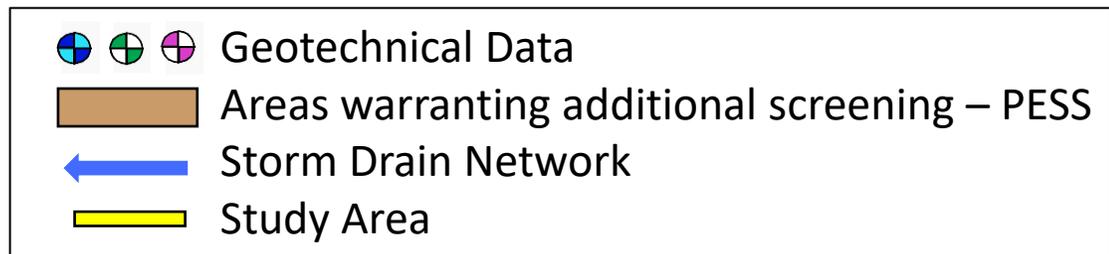
[Measure W: Safe Clean Water LA Mapping Tool](#)



Project Background



- 2019 Tech memo includes the following preliminary studies:
 - Geotechnical Investigation
 - Hydrology Study
 - Preliminary Environmental Site Screening Assessment (PESS)
 - Typical LID Features
 - Preliminary Utility Search





Background



June 2015
Rev. August 2015
Rev. January 2016

LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

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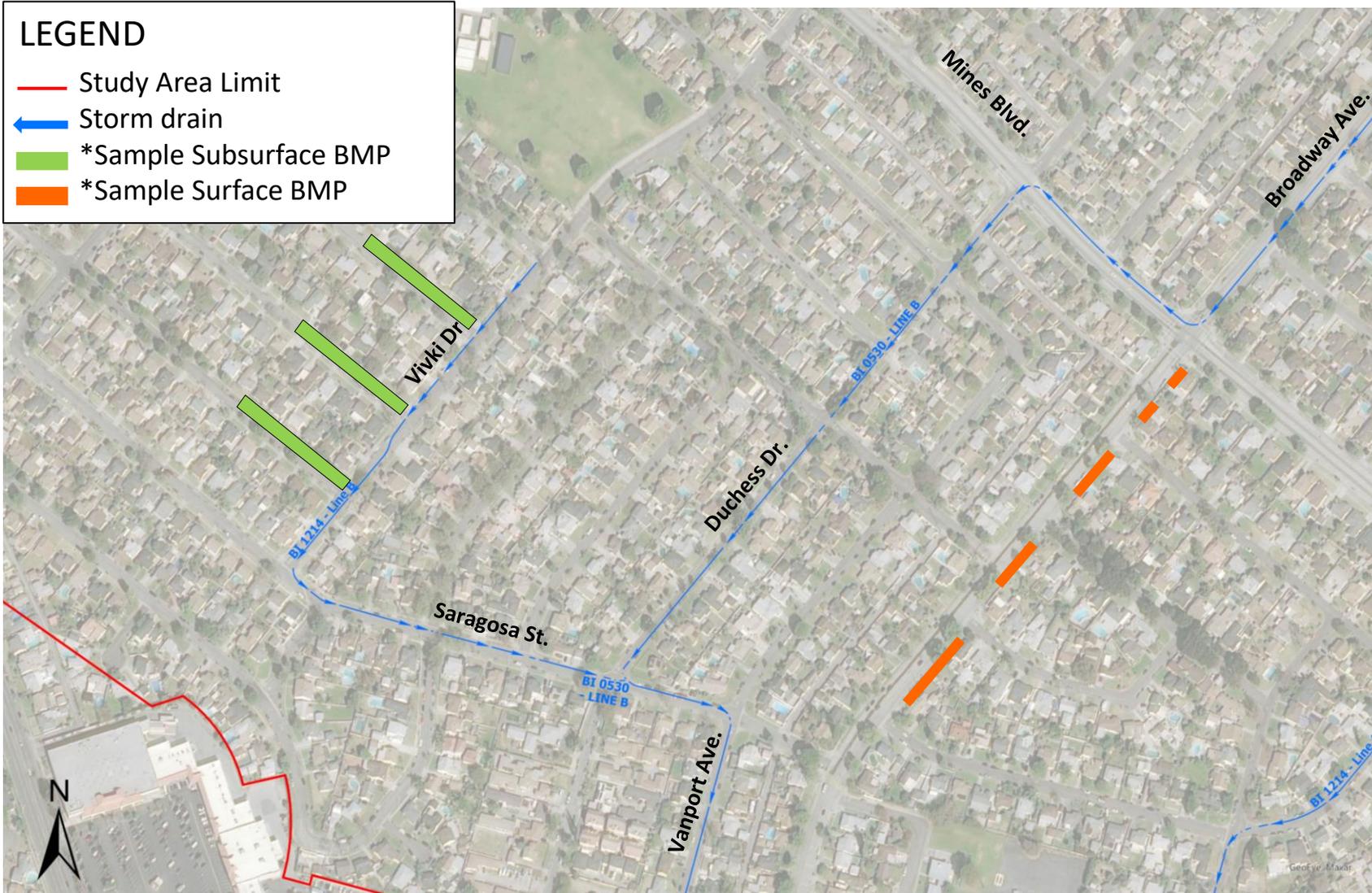
- Upper San Gabriel River Enhanced Watershed Management Program (USGR EWMP)
- Potential Partnership Opportunities
 - City of Whittier



Project Details

LEGEND

- Study Area Limit
- ← Storm drain
- *Sample Subsurface BMP
- *Sample Surface BMP



• Sample Site Layout

• Potential BMPs

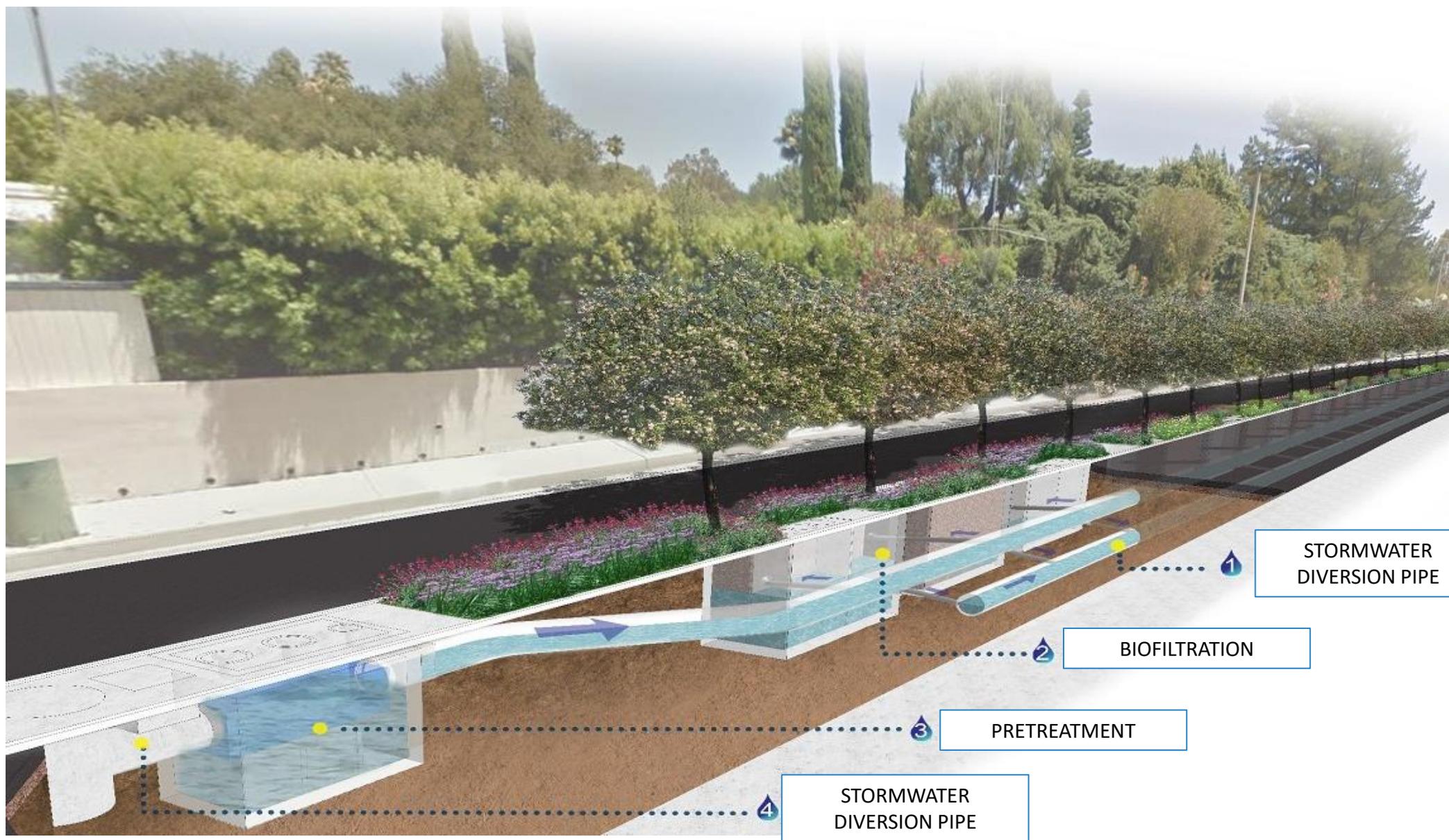
- Nature-Based Solutions
 - Bioretention
 - Biofiltration
- Infiltration Drywells or Trenches

• Other Considerations

- Interpretive Signage



Project Details

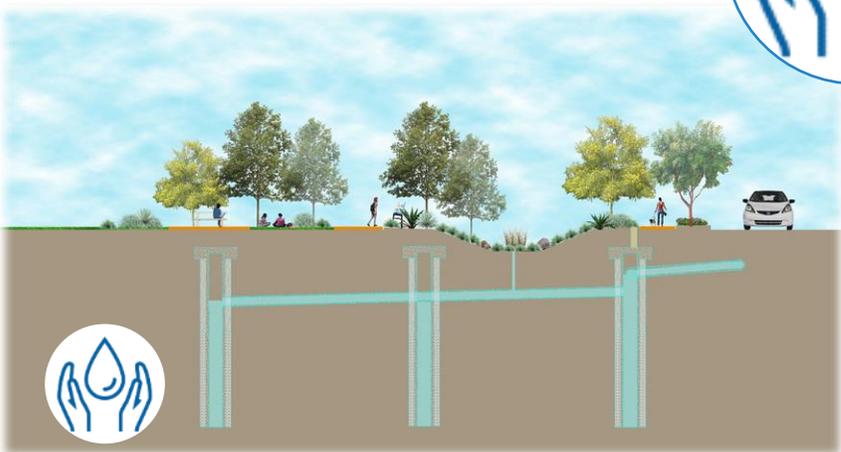




Project Benefits



Improve Stormwater Quality



Increase Water Supply



Green Streets



Improve Road Conditions
Increase Trees & Vegetation



Enhance Traffic Safety



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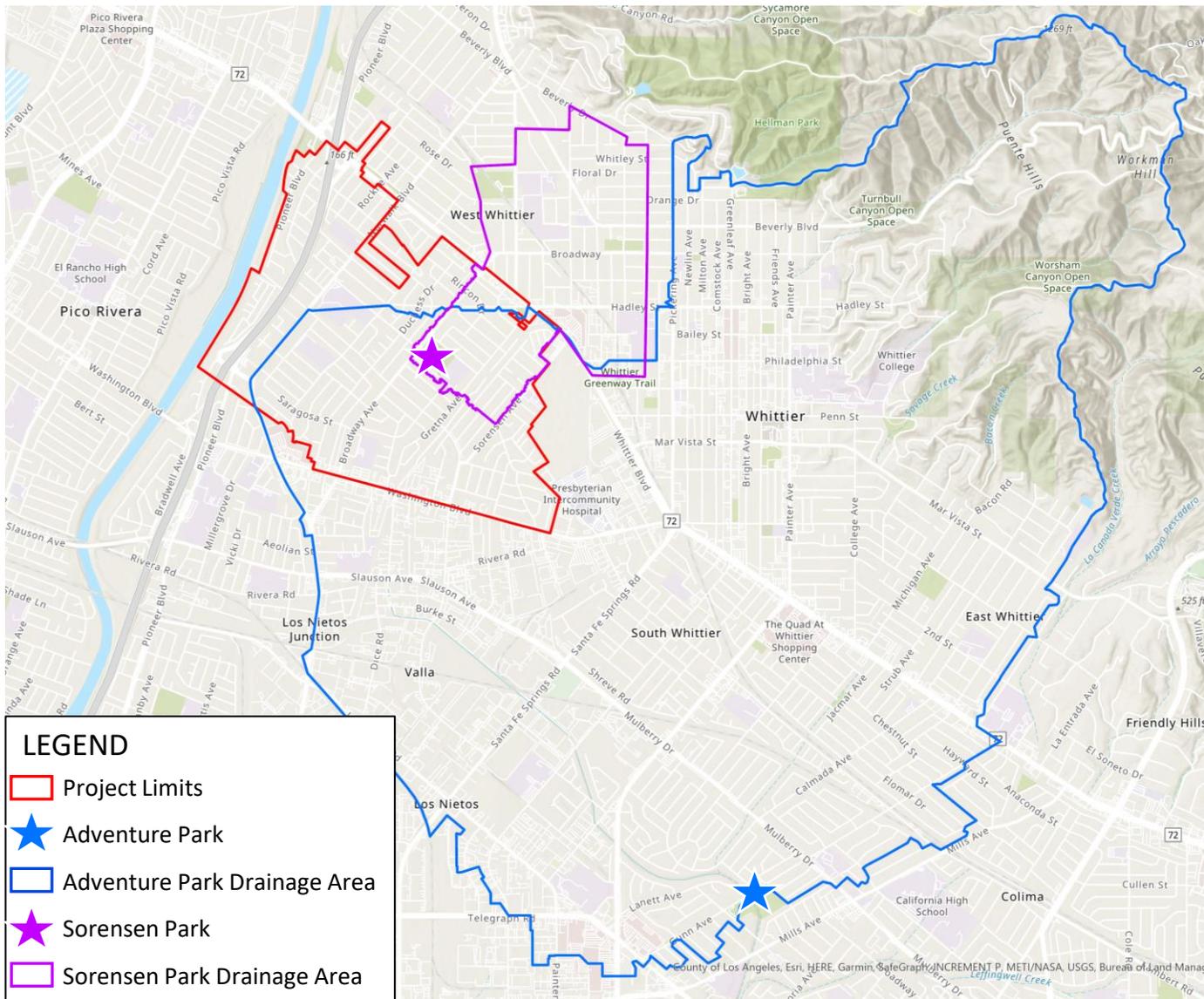
Questions?



Optional Q&A Slides



Project Location



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Sorensen Park	
Estimated 85 th Percentile Volume	17 ac-ft

Study Area	
Estimated 85 th Percentile Volume	45 ac-ft
Overlap with Sorensen Park	17 ac-ft
Remaining	28 ac-ft