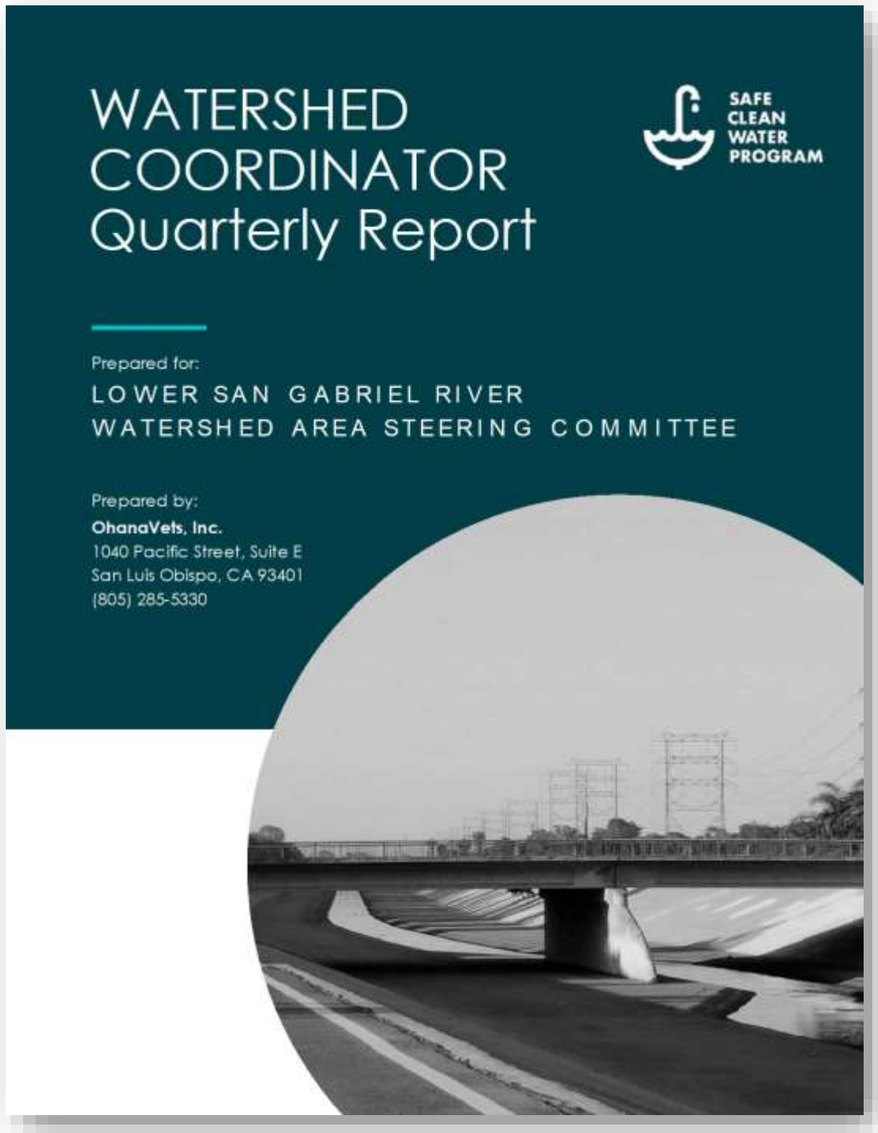
SAFE CLEAN WATER PROGRAM

LOWER SAN GABRIEL RIVER
WATERSHED AREA STEERING COMMITTEE

Watershed Coordinator Update

OhanaVETS

November 9, 2021



July 1, 2021 through September 30, 2021

A. Detailed Progress Report

Task #	Task	Total Task Level of Effort (from workplan)	LOE this quarter	Accumulated LOE to-date (from monthly reports)
1	Facilitate Community Engagement	12%	17%	30%
2	Identify and Develop Project Concepts	9%	6%	14%
3	Work with Technical Assistance Teams	6%	6%	5%
4	Facilitate Identification and Representation of Community Priorities	13%	8%	7%
5	Integrate Priorities through Partnerships and Extensive Networks	15%	12%	8%
6	Cost-share Partners	4%	6%	4%
7	Leverage Funding	10%	3%	5%
8	Local Stakeholder Education	15%	21%	11%
9	Watershed Coordinator Collaboration	17%	19%	16%
	Overall	100%	100%	100%

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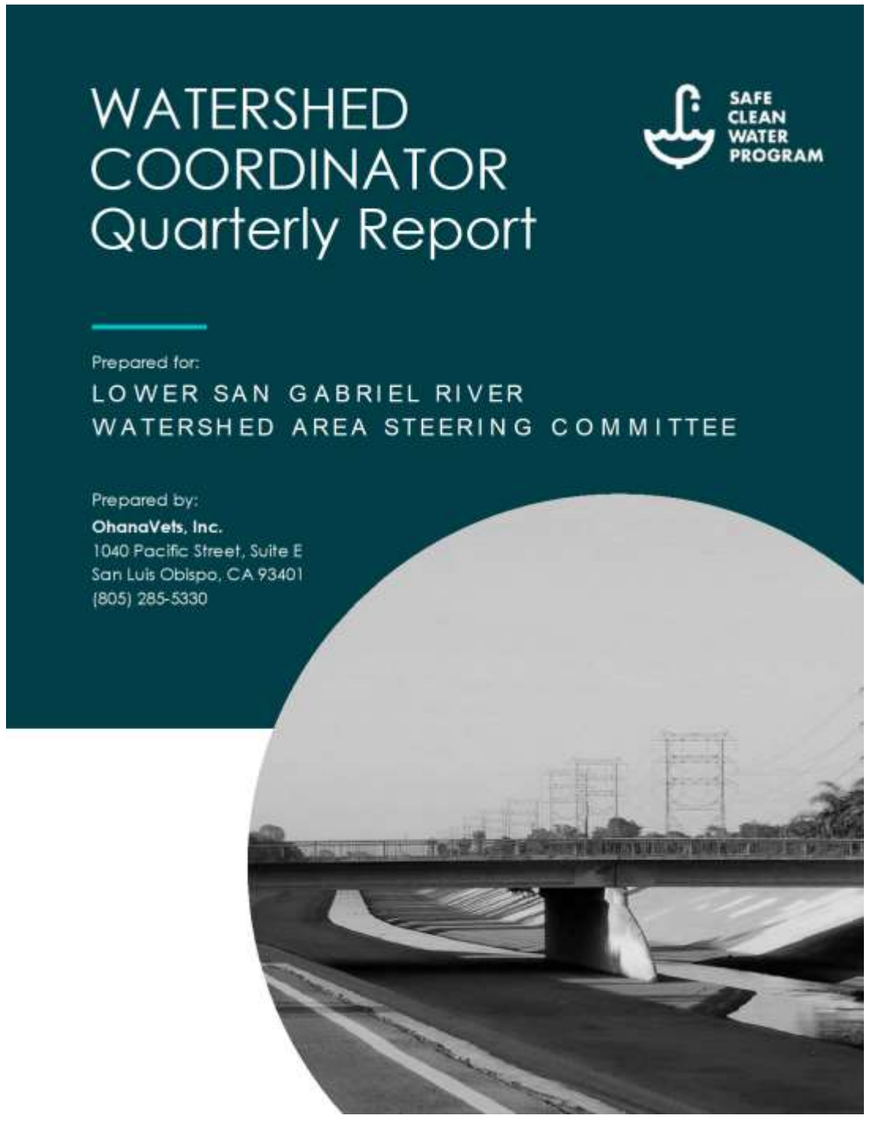


July 1, 2021 through September 30, 2021

A. Engagement Meetings Held or Attended

	Meeting or Event	Date	Summary of Meeting or Event	Stakeholders Engaged	Held or Attended?	Attachments #
1	LSGR WASC Meeting	*7/13/21*	Final SOEP presented & vote.	WASC Leadership	Attended	B-1
2	LSGR WASC Meeting	8/10/21	SOEP planned events/strategies	WASC Leadership	Attended	B-2
3	LSGR WASC Meeting	9/14/21	WC update	WASC Leadership	Attended	B-3
4	LA County SCWP	7/28/21	SOEP lessons learned	Region and 12 WCs	Attended	
5	LA County SCWP	8/26/21	Tech Resources Program	Region and 12 WCs	Attended	
6	LA County SCWP	9/30/21	Project Pipelines	Region and 12 WCs	Attended	
7	Whittier Summer Concert	8/13/21	Public Education Event	Local community	Held	B-4

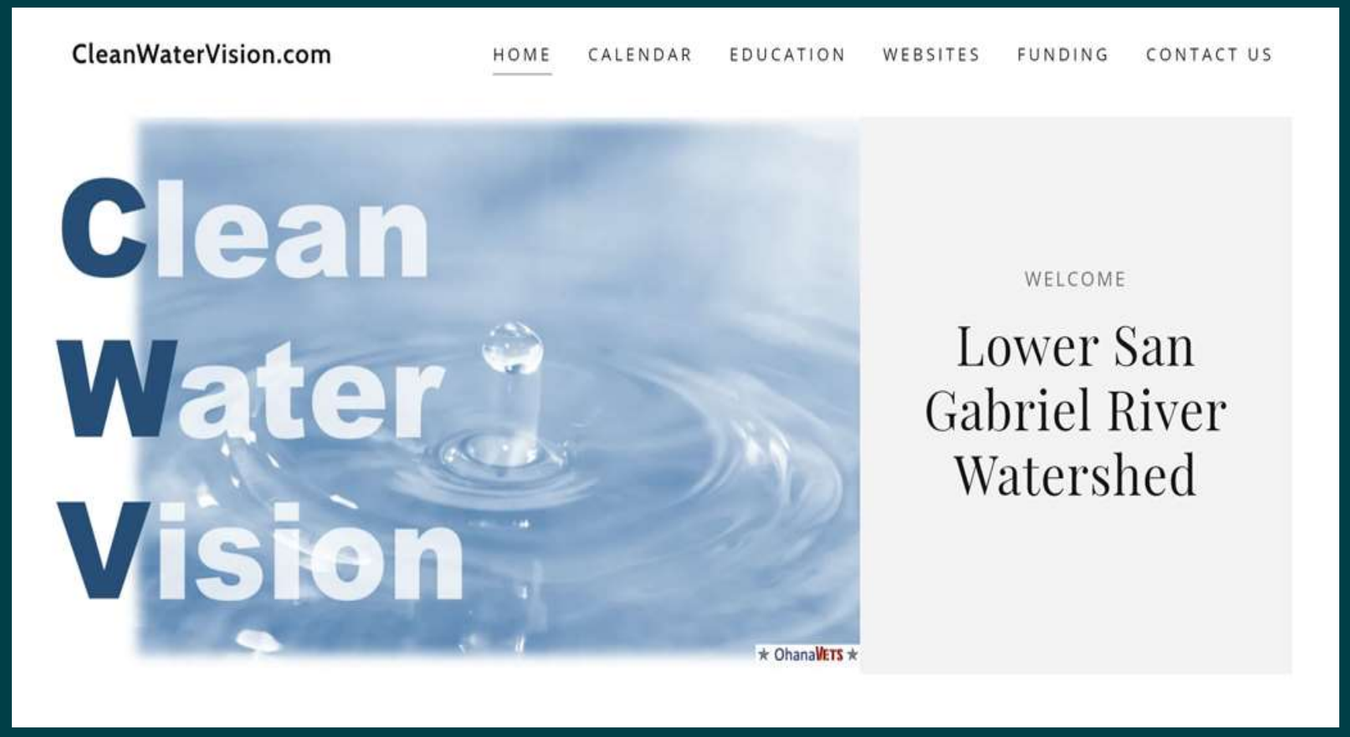
LSGR – LA COUNTY SCWP TASKS

1. FACILITATE COMMUNITY ENGAGEMENT IN SCWP
2. IDENTIFY AND DEVELOP PROJECT CONCEPTS
3. WORK WITH TECHNICAL ASSISTANCE TEAMS
4. FACILITATE IDENTIFICATION AND REPRESENTATION OF COMMUNITY PRIORITIES
5. INTEGRATE PRIORITIES THROUGH PARTNERNSHIPS AND EXTENSIVE NETWORKS
6. COST-SHARE PARTNERS
7. LEVERAGE FUNDING
8. LOCAL STAKEHOLDER EDUCATION
9. WATERSHED COORDINATOR COLLABORATION

LSGR WASC – INFORMATION PORTAL

CLEAN WATER VISION

OhanaVets' Clean Water Vision web site Home Page (*CleanWaterVision.com*) has been set up to accommodate specific Lower San Gabriel River Watershed information and to work in concert with the Safe Clean Water Programs web site.



Our site does not duplicate information, but rather provides the links to the following information:

- Safe Clean Water Program (SCWP) Home Page
- Lower San Gabriel River Watershed Area of the SCWP
- Lower San Gabriel River Watershed Area list of approved projects

SAFE CLEAN WATER

LSGR WASC – Social Media Outreach

LIKE US ON facebook

Lower San Gabriel River Watershed Community

@LSGRWatershed · Community Organization

Following · Liked · Message

Home · Events · Videos · Photos · More

About

Lower San Gabriel River Watershed Area

10 people like this including 6 of your friends

13 people follow this

http://cleanwatervision.com/

Send Message

Community Organization · Public Service

PINNED POST

Lower San Gabriel River Watershed Community added an event.

46m

Clean Water Vision

Home

Home · Explore · Notifications · Messages · Bookmarks · Lists · Profile · More · Tweet

PLASTIC FREE JULY CLEANUP CHALLENGE

LowerSanGabrielRiverWatershed @LsgrWatershed · 1m

Come see us at the Clean Water Vision Education Trailer on August 13th! We'll have hands-on activities to learn why stormwater is so important to our water future!

WHITTIER CONCERTS IN THE PARK

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Instagram

lsgr_watershed · Edit Profile

3 posts · 5 followers · 9 following

OhanaVets, Inc.

www.cleanwatervison.com

POSTS · IGTV · SAVED · TAGGED

Clean Water Vision

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English · © 2021 Instagram from Facebook

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Find us: @LSGRWatershed or lsgr_watershed

LSGR STAKEHOLDER INFORMATION

EXPLORE PROJECTS:
https://portal.safecleanwaterla.org/scw-reporting/map

TECHNICAL RESOURCE PROGRAM DETAILS:
https://safecleanwaterla.org/wp-content/uploads/2020/03/SCWP-Technical-Assistance.pdf

FEASIBILITY STUDY GUIDELINES:
https://safecleanwaterla.org/wp-content/uploads/2019/09/Feasibility-Study-Guidelines-20190917-FINAL-1.pdf

CALL FOR PROJECTS DISTRICT PRESENTATION:
https://safecleanwaterla.org/call-for-projects/

PROJECT APPLICATION PORTAL:
https://portal.safecleanwaterla.org/projects-module/login

All Safe Clean Water Program documents can be found at:

safecleanwaterla.org

Clean Water Vision

Community Outreach Ideas?

Project Ideas?

Partnership Ideas?

Get Involved! Share your ideas with us!

Sign up for Lower San Gabriel River Watershed Area Information and Events!

VISIT US AT:
cleanwatervision.com

Follow us on social media!
@lsgrwatershed

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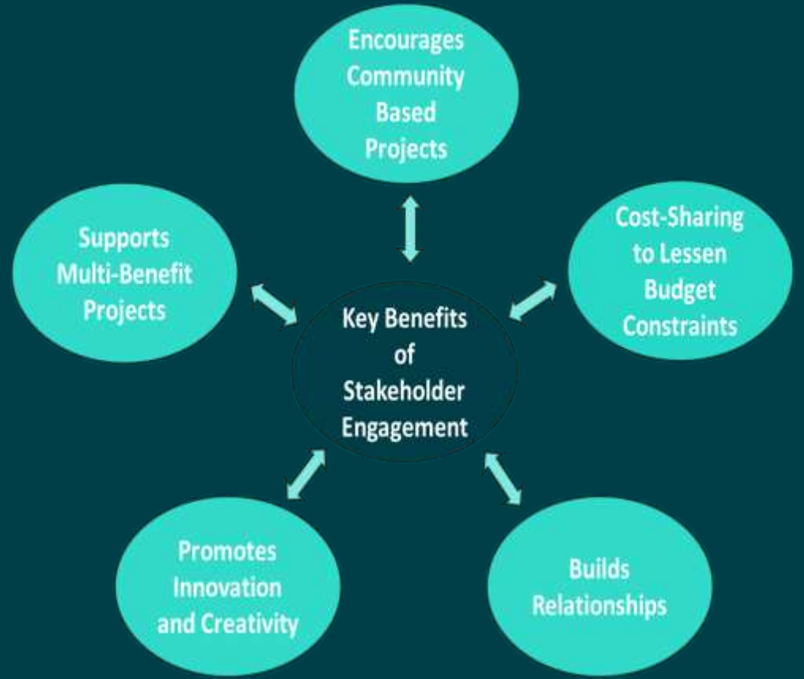
LSGR SOEP – POTENTIAL INTERESTED PARTIES

- Amigos de los Rios
- Friends of the San Gabriel River
- Los Cerritos Wetlands Stewardship
- Los Cerritos Wetlands Authority
- Los Cerritos Wetlands Land Trust
- Los Angeles Neighborhood Initiative
- Lot to Spot
- River in Action
- LA County Bike Coalition
- California State University Long Beach
- Cerritos College
- California Greenworks
- Watershed Council of Health
- Tree People



- Long Beach Conservation Corps
- Heal the Bay
- Campfire LA
- Central Basin MWD Purveyors Monthly Workshop
- Korean Community Services
- Gateway Water Management Authority
- Gateway Cities Council of Governments
- ABC Unified School District and Campuses
- Chambers of Commerce Service Clubs
- Water Education for Latino Leaders
- Watershed Conservation Authority

LSGR SOEP – Active Tasks Summary

Utilizing the approved SOEP (v_July 2021) the Lower San Gabriel Watershed Coordinator will conduct the following activities:

1. Collaborate with Neighboring Watersheds Share Ideas/Information/Formats/Events

- ✓ **Upper San Gabriel River**
- ✓ **Rio Hondo**
- ✓ **Lower Los Angeles River**

2. Stakeholder & Community Outreach and Engagement utilizing the *Draft Interested Parties List (v_August 2021)* to solicit input and feedback on the SOEP.

- ✓ **LSGR - Virtual 1-hour Workshop with identified stakeholders (October 26, 2021)**
- ❑ **LSGR / USGR / LLAR - Virtual 1-hour Workshop with identified stakeholders**
- ❑ **LSGR / Tree People Event for Disadvantaged Communities**

Future Tasks Yellow

3. Local Stakeholder Education

- ✓ **Concert in the Park – Whitter August 13th at 6:00pm**
- ❑ **Joint LSGR/LLAR educational opportunity at WRD's Al Robles Center in Pico Rivera (Early 2022)**

Thank you to all who attended!

SAFE CLEAN WATER PROGRAM and the LOWER SAN GABRIEL RIVER WATERSHED AREA

October 26, 2021 Presentation with Project Example Survey Responses

(25 Workshop Attendees)

AGENDA

SAFE CLEAN WATER PROGRAM and LOWER SAN GABRIEL RIVER WATERSHED AREA

Overview

Watershed Area Steering Committee

WATERSHED COORDINATOR

Who are we?

How can we support you?

PROJECT EXAMPLES

Project #1 – Large-Scale Regional

Project #2 – Small-Scale Nature Based

TECHNICAL RESOURCE PROGRAM

What is the TRP?

Who can benefit from technical assistance?

Julian Juarez - LA County Flood Control District
Rob Beste – Water Replenishment District
Kristen Ruffell – LA County Sanitation Districts
Stephen Scott – City of Long Beach Parks and Recreation
Dan Knapp – Conservation Corps of Long Beach
Adam Galia - Resident
Mark Stanley – Rivers and Mountains Conservancy
Gabrielle Weeks – Long Beach Coalition for a Safe Environment
Alex Rojas – Central Basin Municipal Water District
Mike O'Grady - Cerritos
Delfino Consunji - Downey
Lisa Ann Rapp – Lakewood, Vice Chair
Melissa You – Long Beach, Chair
Bernie Iniguez - Bellflower
Noe Negrete – Santa Fe Springs
Vicki Smith - Whittier
Kekoa Anderson – OhanaVets (Watershed Coordinator, non-voting)

LSGR WATERSHED AREA STEERING COMMITTEE

Regional Program funds for the Watershed Area are programmed by the Watershed Area Steering Committee comprised of local stakeholders from agencies, municipalities, and community members from within the Watershed Area.

Meets 2nd Tuesday each month at 10:00 a.m.
www.safecleanwaterla.org

WATERSHED COORDINATOR ROLE

LSGR WATERSHED COORDINATOR is OhanaVets:

Each of the 9 watersheds has an assigned Watershed Coordinator or team of Coordinators (depending on watershed size)

1

Solicit & Support New Projects

Identify parties with project ideas & connect them with the Technical Resources Program

2

Community Engagement

Gather input on community needs that SCW projects can help fulfill

3

Public Education

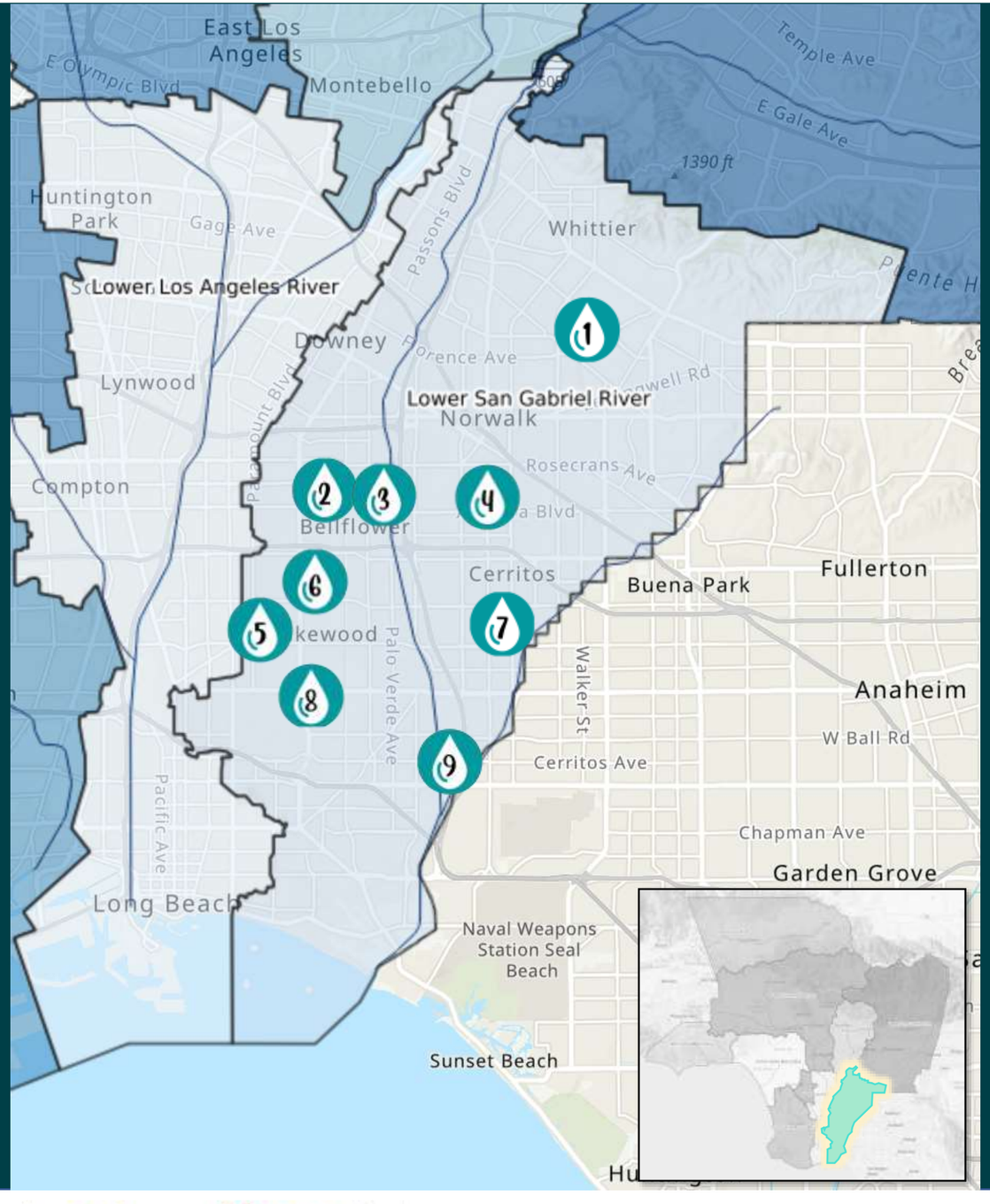
Educate the public about SCWP projects in their communities
+
Inform community members about how they can voice their input

HOW WE CAN SUPPORT YOU:

- Guide you in developing a project concept
- Help identify a public agency to “own” the project
- Provide guidance on applying for technical resource funding and on effectively engaging the community with a project concept
- Help identify cost-share partners

EXAMPLES OF PROJECTS

LSGR – SCWP FUNDED PROJECTS



No.	Project Name	Location	BMP Type	Funding Year	Capital Cost	Measure W Funding Requested	Cost Share
1	Adventure Park Multi-Benefit Stormwater Capture	Unincorp. County Area of Whittier	Diversion to Sanitary Sewer	20-21	$28.5M	$13.5M*	$15M
2	Bellflower Simms Park Stormwater Capture	Bellflower	Treatment Facility	21-22	$18.7M	$2.1M*	$5.6M
3	Caruthers Park	Bellflower	Infiltration Facility	20-21	0	$855K	$13M
4	Hermosillo Park	Norwalk	Infiltration Facility	20-21	$20.1M	$20.1M	$0
5	Bolivar Park	Lakewood	Infiltration Facility	20-21	$11M	$1.3M	$11M
6	Mayfair Park	Lakewood	Treatment Facility	20-21	$14.4M	$1.3M	$15M
7	Cerritos Sports Complex	Cerritos	Treatment Facility	21-22	$26.2M	$2.4M	$0
8	Skylinks Golf Course at Wardlow Stormwater Capture Project	Long Beach	Treatment Facility	20-21	$10.5M	$10.5M	$0
9	El Dorado Regional Project	Long Beach	Treatment Facility	20-21	$11.8M	$3.0	$100k

INFRASTRUCTURE PROJECT EXAMPLE

SKYLINKS MULTI-BENEFIT STORMWATER CAPTURE PROJECT

A multi-benefit stormwater capture project located at Skylinks Golf Course in Long Beach.

FUNDED IN: 2020
AMOUNT: $10.5 Million (Design & Construction)
PROJECT LEAD: City of Long Beach
WATERSHED: Lower San Gabriel River

PROJECT FEATURES:

- Infiltration gallery beneath park
- Captures water and recharge groundwater aquifer
- Creates new active park space and landscaping
- Provides greening benefits
- Signage providing educational information

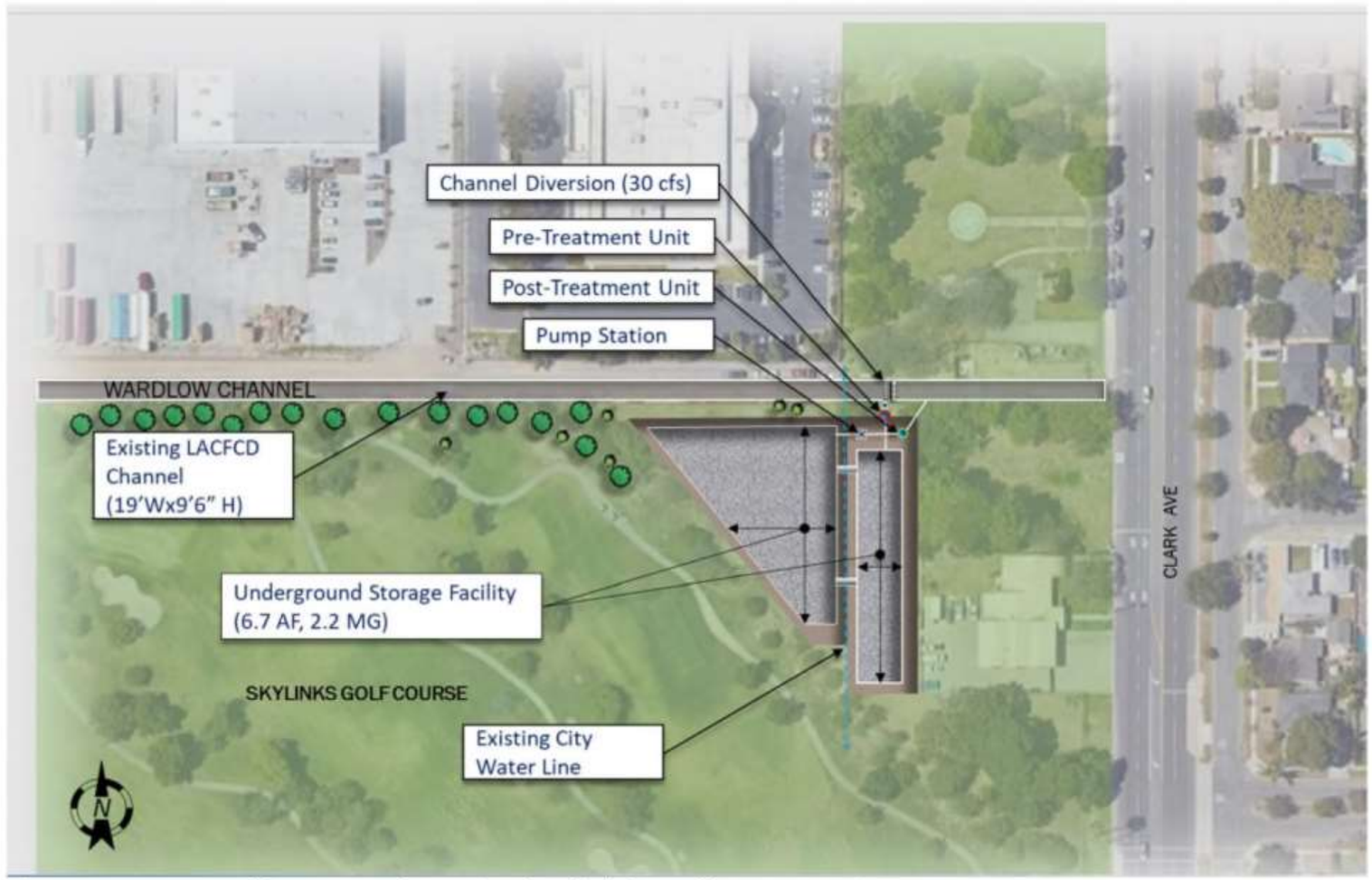
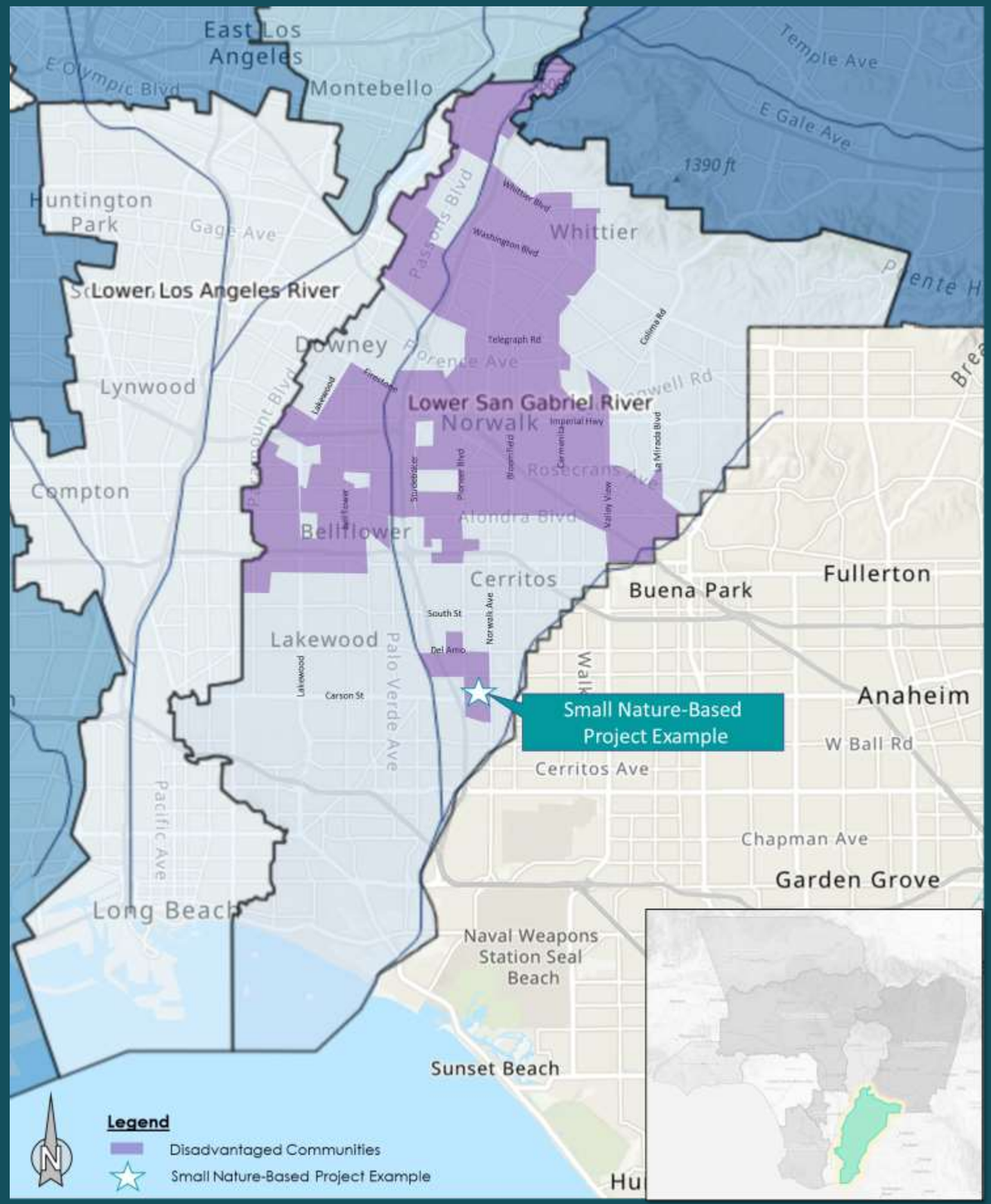


Figure: Conceptual layout configuration for Skylinks Golf Course project.

1. What do you like about this REGIONAL project?
2. What don’t you like about it?

SURVEY RESULTS FROM ATTENDEES!

SURVEY QUESTIONS/RESULTS ABOUT THE LARGE-SCALE REGIONAL PROJECT EXAMPLE - SKYLINKS
1.What **do you like** about this REGIONAL project at SKYLINKS?
RESPONSES:
helps with water quality issues
Multi-benefits (water quality, community benefits, etc.)
Great example of a multi-benefit project with both water quality as well as community benefits!
Captures dry and wet weather flows, treats run-off, includes many elements including nature based solutions, park use
regional project, nature-based solutions, community elements. Think projects infiltrate, which is great
Scale
2.What **don't you like** about it?
RESPONSES:
Multi benefit projects that also provide habit for rare and endangered species are my favorite projects
High design and construction costs
Would dam on Wardlow channel restrict water movement all times of year? would this impact any in-channel benefits?



SMALL NATURE–BASED PROJECT EXAMPLE: Hawaiian Gardens Urban Trail/Park Improvements

PROJECT LEAD: City of Hawaiian Gardens
WATERSHED: Lower San Gabriel River

PROJECT FEATURES:

- Creation of public open space
- Create habitat for native plants and animals
- Increase reliability and quality of local water supply with application of infiltration and treatment of runoff
- Climate change adaption
- Greenhouse gas reduction
- Carbon sequestration through ambitious landscaping

SMALL NATURE–BASED PROJECT EXAMPLE :
Toolbox Development

Street Trees

Adding street trees creates a buffer between the sidewalk and the road, improves aesthetics, and provides refuge from the sun as people walk, roll, rest, or wait for transit. Street trees also counter the Urban Heat Island Effect, capture and slow rainfall, and improve air quality.

Open Space

Turning extra right-of-way into open space can be great both for the community and for the environment. Small parks provide opportunities for recreation and social events and can help with groundwater infiltration reducing the Urban Heat Island Effect.

Swales

Swales are shallow, vegetated, landscape depressions with sloped sides. They are designed to capture, treat, and infiltrate stormwater runoff as it moves downstream. Swales can handle low to moderate flows of runoff. Swales are commonly implemented on neighborhood or residential streets, medians, roundabouts, or other unused right-of-way areas.

Curb Extensions

Curb extensions can be located at intersections or midblock, decreasing the overall width of the roadway or turning radii, encouraging slower speeds, and giving pedestrians more time to cross the street. Curb extensions can be planted with drought tolerant landscape, bioretention or biofiltration planters, and swales.

Bioretention Planters

Bioretention planters are stormwater infiltration areas constructed with walled vertical sides, a flat bottom area, and a large surface capacity to capture, treat, and manage stormwater runoff from the street. Bioretention planters can be implemented nearly anywhere in the right-of-way, including in the parkway, in medians, or along the property line.

Landscaped Median

Landscape medians serve as a division of vehicular traffic while also providing substantial benefits, such as screening and noise dampening. Landscape medians also help soften the streetscape, contribute to the urban tree canopy, and promote biodiversity through native and drought-tolerant understory plants.

Drought Tolerant Landscape

Drought tolerant plant selection is key in our Mediterranean climate because drought tolerant plants demand less maintenance and irrigation. A drought tolerant plant palette can be developed in conjunction with native plant species to promote biodiversity.

Biofiltration Planters

Biofiltration planters are stormwater areas constructed with an impermeable base and supporting infrastructure that collect water, filter runoff downward through soil media, and channel treated runoff through an underdrain pipe. These planters provide water quality treatment and reduce runoff volumes.

Parkways

Parkways are the area of sidewalk between the pedestrian walkway and the street. They provide planting area for street trees and understory planting. Parkways can be combined with stormwater facilities to capture, treat, and convey runoff. Parkways also provide a buffer between pedestrians and vehicular traffic.

1. What do you like about this SMALL, NATURE-BASED project?
2. What don’t you like about it?

SURVEY RESULTS FROM ATTENDEES!

SURVEY QUESTIONS/RESULTS ABOUT THE SMALLER-SCALE NATURE-BASED PROJECT EXAMPLE - HAWAIIAN GARDENS

1.What **do you like** about the smaller-scale, nature-based Hawaiian Gardens project?

RESPONSES:
NBS (nature-based solutions)
Good features, not costly
Flexible and grounded in the community
Use of otherwise wasted space for community benefit.
Beautifies the area so community members can enjoy the space more
I think these are great projects to leverage local assets into benefits
I like how many dynamic designs there were, the increased accessibility , and use of greywater as well as creating new recreational opportunities
These small projects are great since there are many cities that don't have large areas available
Community driven, nature based, multiple benefits and very visable.
Very habitat focused, love that it includes native plants etc. but also community benefits like a playground
exciting to see project in Hawaiian gardens; like project's bioswale concepts and community benefits
community benefits and NBS (nature-based solutions)

2.What **don't you like** about them?

RESPONSES:
NO filtration/treatment
Not enough options possibly
Concerned project spaces may become homeless encampments.
nothing that I can see
i really liked this project
Again, not the volume of water as a large regional project. however people will probably embrace the more visable nature based projects
Not so much a dislike but it would be cool if there could be some person-to-person educational components like nature walks or bird watching walks led by an expert. Or some that are sized for a certain age group, like elementary school students. Hands on or person to person learning are better than static signs
Wondering if there's a way to restore more of the river in the section. seems like proposal reduces open chanel, and more elements are underground. More habitat would be great.
does it have a local champion?

GETTING HELP WITH A STORMWATER IDEA IN THE LSGR

FROM THE TECHNICAL RESOURCES PROGRAM

SAFE CLEAN WATER

Cleanwatervision.com

OVERVIEW:

PURPOSE

Provides Technical Assistance Teams (TATs) to assist applicants with completing a Feasibility Study for a multi-benefit stormwater or urban runoff capture projects

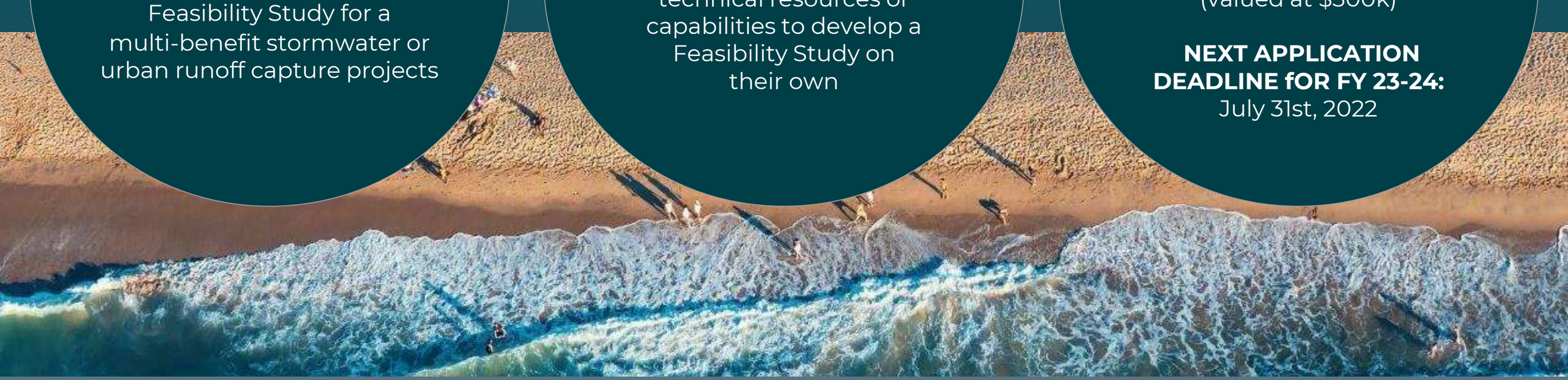
WHO CAN APPLY?

Persons or organizations that do not have the necessary technical resources or capabilities to develop a Feasibility Study on their own

WHAT IS IT?

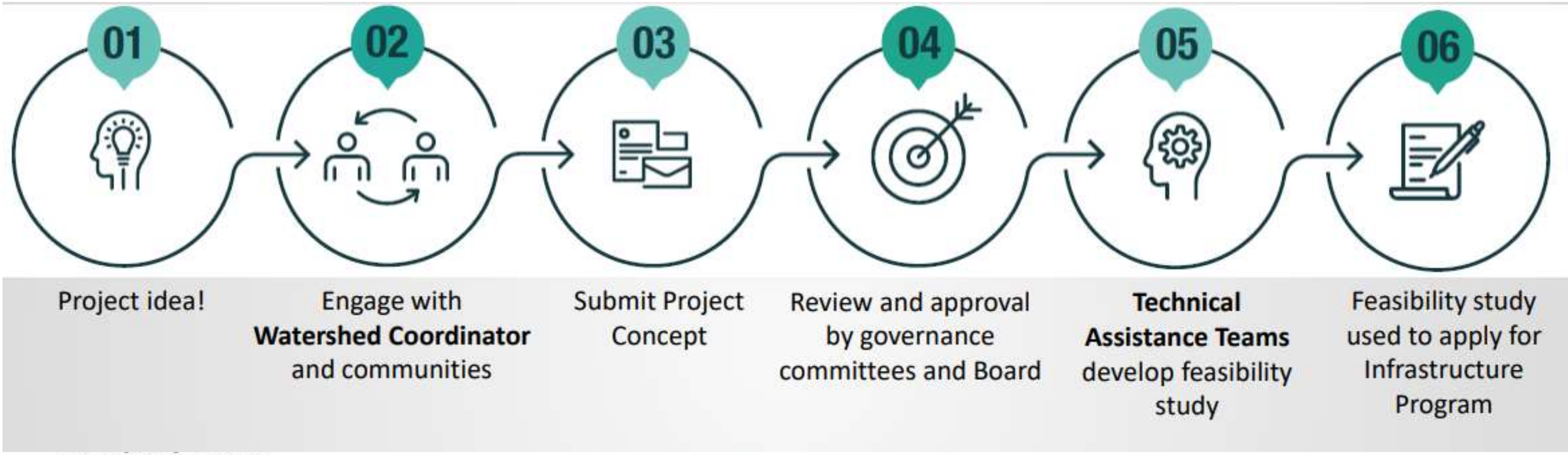
A team of technical experts who will conduct a feasibility study of the project concept (valued at $300k)

NEXT APPLICATION DEADLINE fOR FY 23-24:
July 31st, 2022



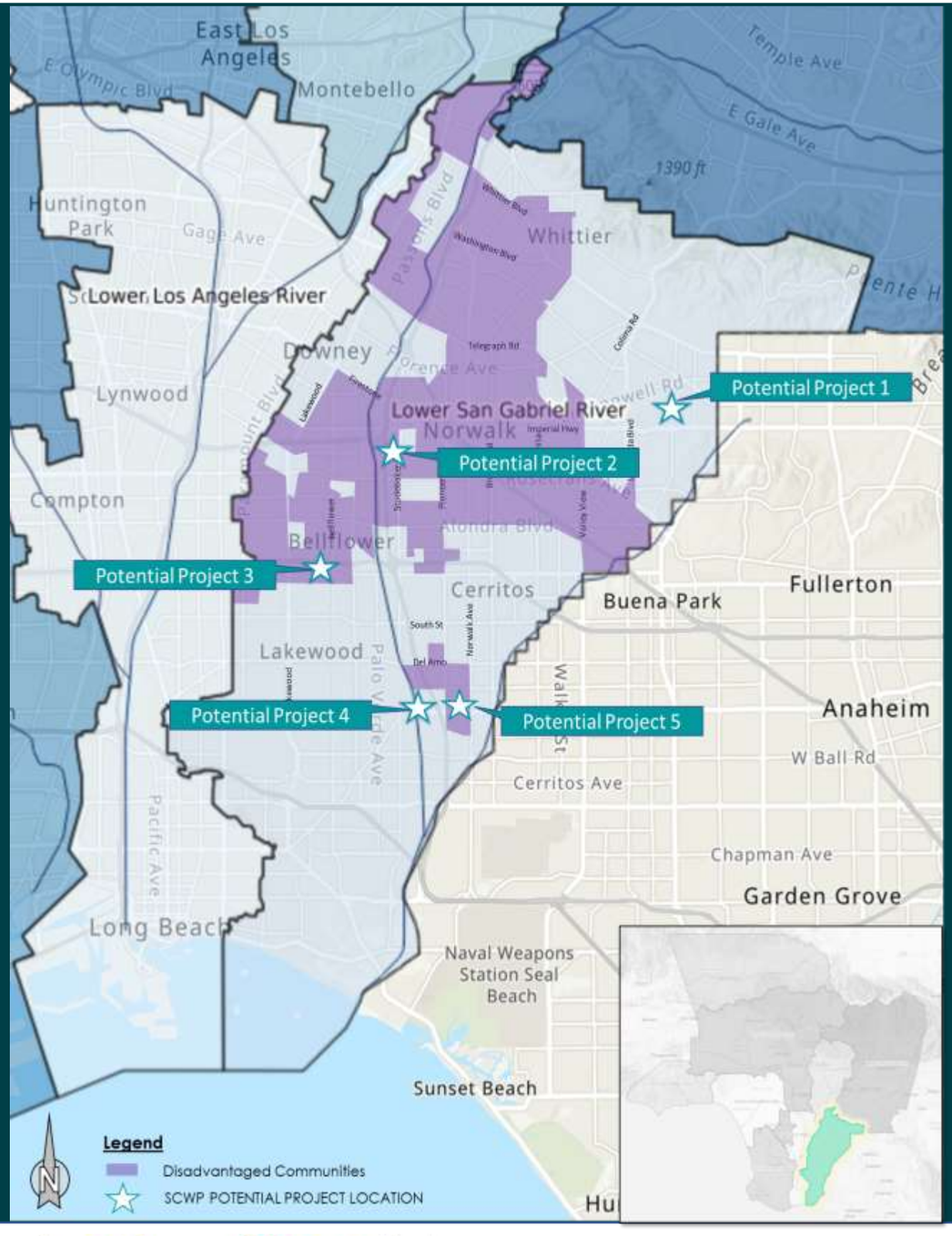
NOTE:
Qualifying for technical assistance does not guarantee receiving SCWP funding for the Infrastructure Program.
The funding is provided to the Technical Assistance Team assigned to do the Feasibility Study, not to the project applicant.

THE TRP PROCESS:



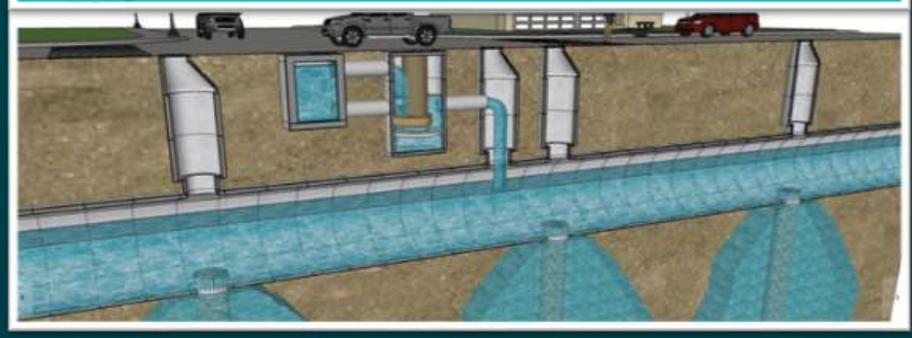
SAFE CLEAN WATER

LSGR – POTENTIAL PROJECTS/CONCEPTS

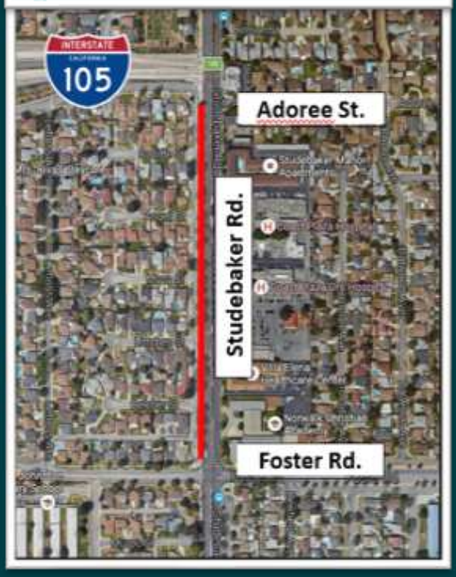


1 La Mirada Creek Park – Creek Channel Naturalization Plan *(La Mirada)*

3 Artesia Blvd StormTunnel – Downey Ave to Bellflower Blvd. *(Bellflower)*

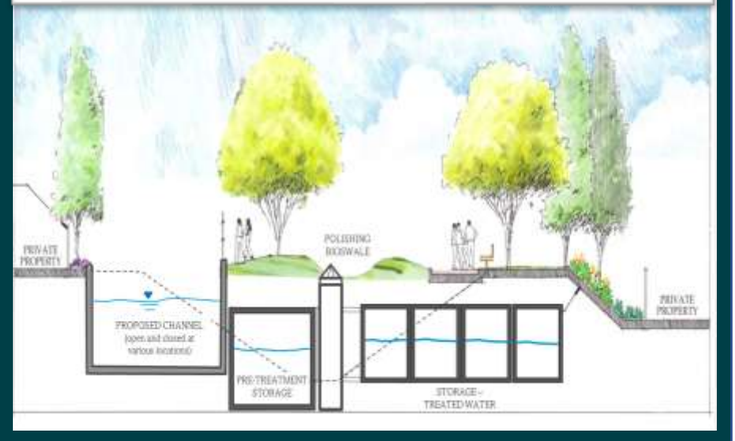


2 Studebaker Road Bioswale *(Norwalk)*



4 Lakewood Equestrian Center *(Lakewood)*

5 Hawaiian Gardens Urban Trail/Park Improvement *(Lakewood)*



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QUESTIONS ?

OhanaVETS