

North Santa Monica Bay Watershed Area Steering Committee (WASC) Meeting Minutes



Thursday, November 10, 2022
1:00pm – 3:00pm
WebEx Meeting

Committee Members Present:

Cung Nguyen, LA County Flood Control District (Agency)
Chad Christensen, Mountains Recreation and Conservation Authority (Agency)
*Craig Jones, Las Virgenes Municipal Water District (Agency)
Madelyn Glickfeld, Institute of the Environment and Sustainability UCLA (Community), Vice Chair
Doug Marian, California Plumbing and Mechanical Contractors Association (Community)
Tevin Schmitt, Wishtoyo Chumash Foundation Ventura County (Community)
Kirsten James, Resident (Community)
Jessica Forte, Agoura Hills (Municipal)
Joe Bellomo, Hidden Hills (Municipal)
Sophie Freeman, Los Angeles County (Municipal)
*Allen Ma, Los Angeles County (Municipal)
Mark Johnson, Malibu (Municipal)
Roxanne Hughes, Westlake Village (Municipal)
Melina Sempill Watts, Melina Sempill Watts Inc. (Watershed Coordinator, non-voting member)

*Committee Member Alternate

Committee Members Not Present:

David Pedersen, Las Virgenes Municipal Water District (Agency), Chair
Russ Bryden, LA County Waterworks Districts (Agency)
Elias Garcia, LA Area Chamber of Commerce (Community)
Alex Farassati, Calabasas (Municipal)

See attached sign-in sheet for full list of attendees.

1. Welcome and Introduction

District Staff made self-introductions, welcomed Committee Members, and facilitated a brief WebEx tutorial.

Madelyn Glickfeld, Vice Chair of the North Santa Monica Bay (NSMB) WASC, welcomed Committee Members and called the meeting to order. A quorum was established.

2. Approval of Meeting Minutes from September 8, 2022

Vice Chair Glickfeld presented the minutes from the previous meeting. Member Joe Bellomo motioned to approve the meeting minutes from September 8, 2022. Member Roxanne Hughes seconded. The motion passed with 8 votes in favor, 0 opposed, 4 abstentions, and 5 members absent at the time of vote (approved, see vote tracking sheet).

3. Committee Member and District Updates

North Santa Monica Bay Watershed Area Steering Committee (WASC) Meeting Minutes



District Staff provided an update, noting:

- On October 18, 2022, the Board of Supervisors (Board) voted to continue meeting virtually, acting under the authority of Assembly Bill 361 which authorizes public committees to meet without complying with all the teleconferencing requirements of the Brown Act. The Board is reviewing its position every 30 days. If the Board decides to no longer approve findings to continue teleconferencing meetings under AB 361, the WASC has the authority to make their own AB 361 findings if a state of emergency is still in effect. District staff will provide additional guidance if and when that occurs.
- On October 4, 2022, the Board of Supervisors voted to approve budgets for all nine Stormwater Investment Plans (SIPs). The approved Board letter is available on the Safe, Clean Water Program (SCWP) website under the resources drop down menu and this includes funding for the continuing projects. Project managers of continuing projects from previous years should submit Transfer Agreement executions for Fiscal Year 2022-23 (FY22-23).
- Scoring Committee reviews on Round 4 projects began on October 6. The Scoring Committee schedule can be found on the SCWP website [here](#).
- FY22 Quarterly Reports for Q3 and Q4 for IP and SS developers were due on August 15, 2022. A summary of these reports will be discussed at a future meeting.
- As there were no Round 1 projects submitted for this Watershed Area, a Quarterly Report is not required at the moment.

Member Joe Bellomo asked for details surrounding the distribution of municipal funding. District Staff noted that the final tax allocations were recently received, and final reconciliation is underway. District expects local return distribution to begin in December 2022.

Member Allen Ma provided an update on the Gates Canyon Park Project in the unincorporated area of Calabasas. The project consists of a diversion structure that directs flow to a pretreatment system and cistern, with the objective of repurposing stormwater and urban water capture for irrigation of the Gates Canyon Park. Alberto Grajeda (Los Angeles County Public Works) provided more details on the project, showed real-time data of cistern water levels, and explained the overall treatment train process. Grajeda noted that the water treatment component of the project is still in development. However, it was reassured that the project is already working and successfully removing pollutant loads prior to entering receiving waters.

Grajeda provided clarifying details about the project based on questions from Committee Members:

- The project will connect to Gates Canyon Park's existing irrigation system, by connecting to the City's waterline.
- The project is designed to capture the 85th percentile stormwater event.
- The water harvesting system is expected to be completed by April 2023.
- The treatment train was selected based on water quality analysis in relation to the project's intended water use for spray irrigation and considering factors pertaining to human health. For monitoring purposes, sampling is required for at least three storm events.

Although the update provided a good representation of the kinds of projects that could be developed, regional coordinator, Mike Antos (Stantec), suggested having these presentations as part of the discussion items moving forward.

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4. Watershed Coordinator Updates

Watershed Coordinator Melina Watts provided an update noting recent efforts in facilitating community engagement, identifying and developing project concepts, particularly in relation to building underground cisterns, facilitating identification and representation of community priorities, leveraging funding and cost-share partners, and continuing educational efforts. Watershed Coordinator Watts shared details about the potential Measure W application for a multi-agency/multi-city application for underground cisterns. A key issue is finding a lead agency to manage the grant application and project implementation.

See slides available on the SCWP website and attached.

Antos shared that storm drain to sewer diversions are another strategy to achieve Water Supply Benefits for this Watershed Area.

Member Jessica Forte shared that for a project involving a diversion to a sanitary sewer in Agoura Hills, the intention is to apply for Measure W funding after its construction is complete, as that will provide the exact details needed for the application. The decision was supported by the Scoring Committee.

5. Public Comment Period

No comment cards were received before the meeting.

There were no public comments for this item.

6. Discussion

a) Ex Parte Communication Disclosure

Vice Chair Glickfeld shared that conversations about ways in which the scoring criteria could be modified have been held with Los Angeles County since July. The discussions have indicated a lack of readiness to make any immediate changes but acknowledged the challenges faced by project proponents applying for funds in NSMB. There is interest in finding ways to get more project submittals and approvals but also recognizing the limited funding for the Watershed Area is a factor as well. It was also noted that the Metrics and Monitoring Study (MMS) is ongoing and is looking into developing a pilot approach for NSMB's water supply concerns.

b) Infrastructure Program (IP) Project Presentation

(1) Cornell- Mulholland Highway Green Improvement Project Presenter: Alberto Grajeda / Los Angeles County Public Works

Grajeda provided an overview of the Cornell-Mulholland Highway Green Improvement Project, whose primary objectives relate to water quality and community investments. The project was sent to the Scoring Committee on October 6, 2022 and was sent back for additional information and specific clarifications.

See slides available on the SCWP website and attached.

Member Hughes expressed concern about the cost-effectiveness of the project in relation to its low awarded score. Grajeda acknowledged that the process to get appropriate funding is challenging.

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c) Technical Resources Program (TRP) Presentation

(1) Westlake Village MS4 Compliance Project

Presenter: Roxanne Hughes / City of Westlake Village

Member Hughes gave a presentation on the Westlake Village MS4 Compliance Project. The project is meant to improve water quality and supply and is currently in planning stages.

See slides available on the SCWP website and attached.

Member Jessica Forte expressed support for the project.

7. Public Comment Period

There were no public comments.

8. Voting Items

a) Reselect the current NSMB Watershed Coordinator for the next term

Regional coordinator Antos provided a brief overview of the selection process for the Watershed Coordinator, explaining that the role is held for a one-year contract, after which the Committee must hold a vote to re-select the Watershed Coordinator for the next term.

Member Hughes motioned to nominate Watershed Coordinator Watts for re-selection. Member Kirsten James seconded the motion. The Committee voted to approve the motion with 11 votes in favor, 0 opposed, 1 in abstention, and 5 members absent at the time of vote (approved, see vote tracking sheet).

9. Items for Next Agenda

After noting that the meeting cancellations that occurred for this WASC took away important discussion time, Vice Chair Glickfeld urged the WASC to continue the scheduled meeting for December.

A summary of the Round 2 submitted Quarterly Report will probably be held in early January. The new SIP tool will be available between February and March to help support SIP deliberations. District Staff asked Members to share any other items that should be included in the agenda and Vice Chair Glickfeld suggested to include the following:

- A report back on the MMS workshops and recent fieldtrips to share findings and experiences with those unable to attend.
- A presentation to better define ways in which cities can implement low-cost nature-based solutions.
- An update on the FY22-23 approved Regional Pathogen Scientific Study from the Gateway Water Management Authority

The next meeting is scheduled for Thursday, December 8, 1:00pm – 3:00pm. District Staff will coordinate with Chair Pedersen and Vice Chair Glickfeld before the meeting to finalize the agenda. See the SCWP website for meeting details.

North Santa Monica Bay Watershed Area Steering Committee (WASC) Meeting Minutes



a) Findings to Continue Teleconference Meetings under Assembly Bill 361 (if needed)

Vice Chair Glickfeld expressed that returning to in-person meetings might be helpful and suggested a hybrid option. Watershed Coordinator Watts suggested an outdoor or open area option for in-person meetings in the spring, to continue to take appropriate precautions with COVID-19.

10. Adjournment

Vice Chair Glickfeld thanked the WASC members and the public for their attendance and participation and adjourned the meeting.

NORTH SANTA MONICA BAY WASC MEETING - November 10, 2022

		Quorum Present				Voting Items	
Member Type	Organization	Member	Voting?	Alternate	Voting?	Vote to Approve September 8, 2022 WASC Meeting Minutes	Vote to reselect the current Watershed Coordinator for the next term
Agency	LACFCD	Cung Nguyen	x	Ramy Gindi		y	y
Agency	LAC Waterworks District	Russ Bryden					
Agency	MRCA	Chad Christensen	x			y	y
Agency	LVMWD	<u>David Pedersen</u>		Craig Jones			
Agency	LVMWD	<u>David Pedersen</u>		Craig Jones	x	a	a
Community Stakeholder	UCLA	Madelyn Glickfeld	x	Richard Ambrose		a	y
Community Stakeholder	CPMCA	Doug Marian	x			a	a
Community Stakeholder	LA Area Chamber of Commerce	Elias Garcia					
Community Stakeholder	Wishtoyo Chumash Foundation Ventura County	Tevin Schmitt	x			y	y
Community Stakeholder	Community Stakeholder	Kirsten James	x			y	y
Municipal Members	Agoura Hills	Jessica Forte	x	Kelly Fisher		a	y
Municipal Members	Calabasas	Alex Farassati		Alba Lemus			
Municipal Members	Hidden Hills	Joe Bellomo	x	Kerry Kallman		y	y
Municipal Members	LAC Supervisor District 3	Sophie Freeman	x			y	y
Municipal Members	LAC Public Works	Bruce Hamamoto		Allen Ma	x	a	y
Municipal Members	Malibu	Mark Johnson	x			y	y
Municipal Members	Westlake Village	Roxanne Hughes	x	Phillipe Eskandar		y	y
Watershed Coordinator	Melina S. Watts Consulting, LLC	Melina Watts	x				
Total Non-Vacant Seats		17			Yay (Y)	8	11
Total Voting Members Present		13			Nay (N)	0	0
Agency		3			Abstain (A)	5	2
Community Stakeholder		4			Total	13	13
Municipal Members		6				Approved	Approved

Other Attendees

- Alberto Grajeda
- Allen Ma
- Bruce Hamamoto
- Craig Doberstein
- gabriela gonzalez
- Kelly Fisher
- Larry Tran
- Parsina Hanna
- Rich Ambrose
- Veronica carrillo



Safe, Clean Water Program Watershed Area Steering Committee North Santa Monica Bay

Date Thursday, November 10, 2022
Time 1:00 PM – 3:00 PM
Location WebEx Meeting – See below or [SCW website](#) for WebEx Meeting details

WebEx Meeting Details

Committee members and members of the public may participate by joining the WebEx Meeting below. Please refer to the [Video Conferencing Guidelines](#) available on the Safe, Clean Water Program website for additional information.

Join via WebEx Events (recommended)

Event number: 2495 143 8510

Password: scwp

<https://lacountydpw.webex.com/lacountydpw/onstage/g.php?MTID=e9f7c378c6b4a2ce05eb59f5e8a39a98b>

Join by phone

+1-408-418-9388 United States Toll or

+1-213-306-3065 United States Toll (Los Angeles)

Access Code: 2484 328 5144

Public Comment

Phone participants and the public are encouraged to submit public comments (or a request to make a public comment) to SafeCleanWaterLA@pw.lacounty.gov. All public comments will become part of the official record.

Please complete the [Comment Card Form](#) available on the Safe, Clean Water website and email to SafeCleanWaterLA@pw.lacounty.gov by at least 5:00pm the day prior to the meeting.

Para solicitudes de comentarios públicos en español, envíe un correo electrónico a SafeCleanWaterLA@pw.lacounty.gov o lláme al (833) 275-7297 dos días antes de la reunión para asegurarse de que haya un traductor presente para transmitir el comentario para consideración del comité.

Requests for accommodations may be made to SafeCleanWaterLA@pw.lacounty.gov or by telephone to 833-ASK-SCWP at least three working days in advance of the meeting.

Supporting documentation will be available on the Safe, Clean Water website at www.safecleanwaterla.org.



Agenda:

- 1) Welcome and Introduction
- 2) Approval of Meeting Minutes from September 8, 2022
- 3) Committee Member and District Updates
- 4) Watershed Coordinator Updates
- 5) Public Comment Period
- 6) Discussion
 - a) Ex Parte Communications Disclosure
 - b) Infrastructure Program (IP) Project Presentation:
 - (1) Cornell – Mulholland Highway Green Improvement Project
Presenter: Alberto Grajeda / Los Angeles County Public Works
 - c) Technical Resources Program (TRP) Presentation:
 - (1) Westlake Village MS4 Compliance Project
Presenter: Roxanne Hughes / City of Westlake Village
- 7) Public Comment Period
- 8) Voting Items
 - a) Reselect the current NSMB Watershed Coordinator for the next term
- 9) Items for Next Agenda
 - a) Findings to Continue Teleconference Meetings under Assembly Bill 361 (if needed)
- 10) Adjournment

Next Meeting: Thursday, December 8, 2022 (TBD)
1:00pm – 3:00pm
WebEx Meeting – See [SCW website](#) for meeting details

Requests for accommodations may be made to SafeCleanWaterLA@pw.lacounty.gov or by telephone to 833-ASK-SCWP at least three working days in advance of the meeting.

Supporting documentation will be available on the Safe, Clean Water website at www.safecleanwaterla.org.



SAFE CLEAN WATER PROGRAM

**For the
North Santa Monica Bay
Watershed Advisory Steering Committee**

By Melina Sempill Watts
Watershed Coordinator, Safe Clean Water L.A.

November 10, 2022

Photo and Logo, Los Angeles County



**Mark Hovatter,
Head of Operations,
LAUSD:
“The Pony Problem”**





1. Facilitate Community Engagement in SCWP

- Coordinated:
 - **Nature Based Solutions Success Stories Conference**
Thursday 11/17 9:00 a.m. – 12:30
 - Optional: Lunch at Adobe Cantina
 - **Agoura Hills and Calabasas Creek Site Tours**
Thursday 11/17 2:00 p.m. – 4:00 p.m.
 - **Santa Barbara Creeks Division Site Tours**
Friday 11/18 9:45 a.m. – 3:00 p.m.
- Joined coordinators led by Mikaela Randolph to present to Santa Monica Bay Restoration Foundation
- Attended Malibu Lake Centennial, Agoura Hills 40th Anniversary and Center for Watershed Health 25th Anniversary Dinner
- Interviewed Alex Farassati, Nadine Salas, Erica Gies and Jessica Hall for articles for upcoming Nature Based Solutions Success Stories conference and events
- Suggested Erica Gies as speaker to Malibu Public Library



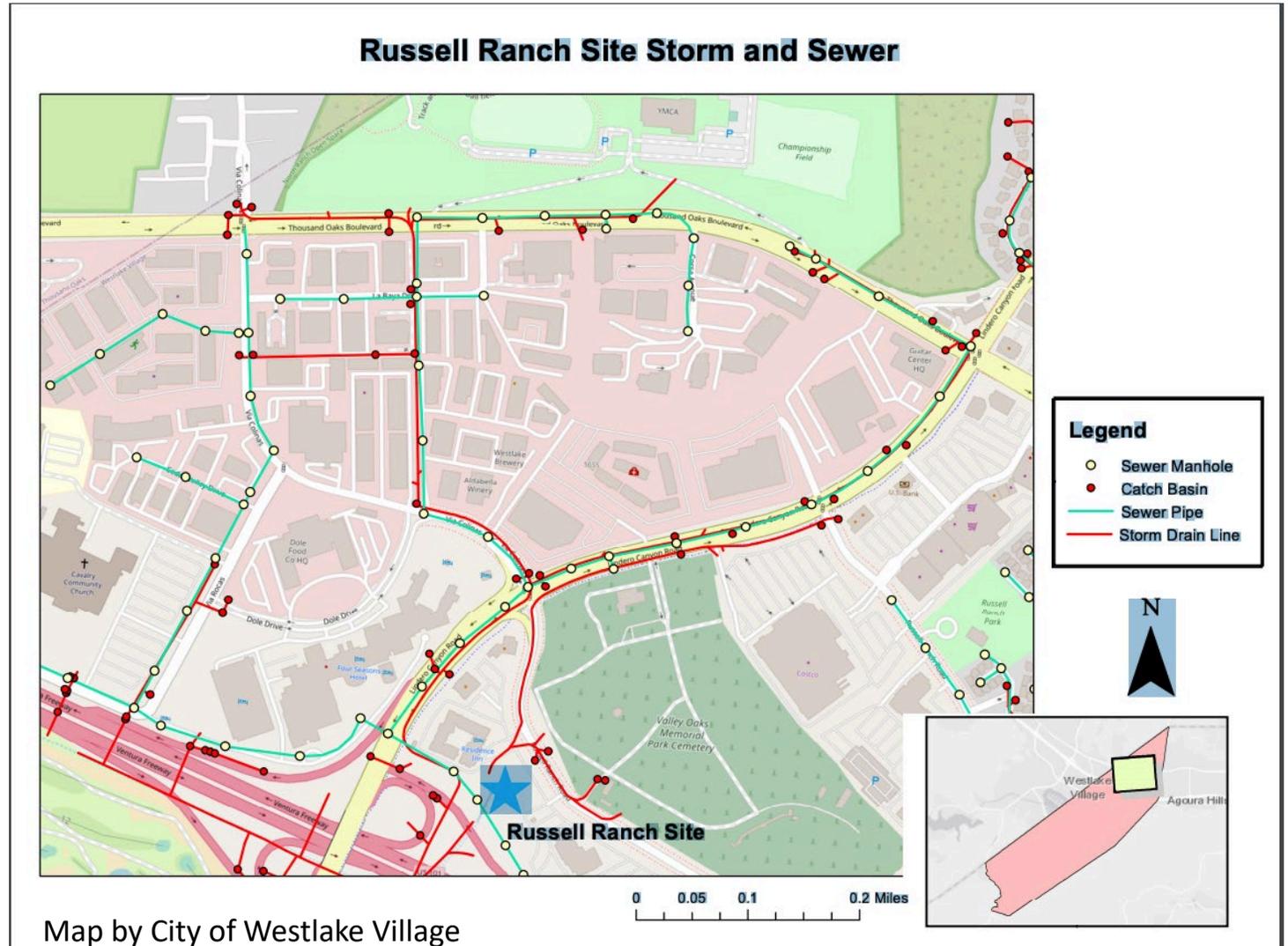
Photo by Watts

2. Identify and Develop Project Concepts

- Reached out to multiple stakeholders to consider building underground cisterns and writing a multi city multi agency Measure W application.
- Asked if they want to manage collaborative Measure W application; Malibu-Las Virgenes COG does not, nor does LA County Public Works, nor does LVMWD, no cities have said yes, and ARLA cannot.
- Asked Austin Toyama if SMMUSD wants to do MWD Innovation Conservation grant; they are too busy
- City of Westlake Village says cisterns idea is gaining traction...not quite ready for Measure W.
- Connected with ARLA, RCDSMM, WBMWD, LVMWD to explore Urban Drought application, still possible, due January 31.
- Gus Meza, Terri Alex and Craig Jones built 6 cisterns into their successful IRWM application.
- LAUSD let me write draft MWD Innovation Conservation Grant for cisterns at Topanga Elementary School.

3. Work with Technical Assistance Teams

Helped Westlake Village City Staff with presentation template for talk about TRP application.



4. Facilitate Identification and Representation of Community Priorities

- Pursued Madelyn Glickfeld's brilliant idea that we create a multi agency / multi city application to fund underground cisterns; Roxanne Hughes' insight, right idea but too early on; we need to see more cisterns in place first
- Suggested presentation on proposed SCWP Credit Trading Program
- Shared Alex Farassati's insight that the ARLA cistern study include O and M costs; ARLA states this is already in place
- Requested update on status of construction / implementation at Gates Park at request of stakeholders



Photo by Los Angeles County Department of Public Works



5. Integrate Priorities Through Partnerships and Extensive Networks

- Supported ARLA in work to create a study that will assess viability and costs of large-scale deployment of cisterns across LMVWD footprint, Upper San Gabriel River Watershed and Long Beach
- Suggested inclusion of Clark Stevens, RCDSMM in the ARLA cistern study; set meeting with him + ARLA Team
- Attended Center for Watershed Health 25th Anniversary celebration
- Attended Agoura Hills 40th Anniversary Celebration
- Attended Malibou Lake Centennial



Photo
by Watts

6. Cost-Share Partners

- Wrote draft grant for Metropolitan Water District Conservation Innovation application on behalf of Los Angeles Unified School District for Topanga Elementary School project
- Gus Meza, West Basin Municipal Water District stated that inclusion of 6 cisterns, 2 in Topanga, 2 in Malibu and 2 in Calabasas, in collaborative IRWM application inspired by conversations with coordinator, total amount within larger grant is for \$48,000
- Working to see if ARLA, RCDSMM, possibly WBMWD, can develop an Urban Community Drought Relief Grant, due January 31
- Staying connected with TreePeople to make sure SEP application is submitted after they bring on new staffer to manage Native Plans Kit project inspired by Dave Roberts
- Reached out to Megan Cooper, California State Coastal Conservancy on behalf of project at City of Calabasas, the Las Virgenes Creek Restoration, Phase III

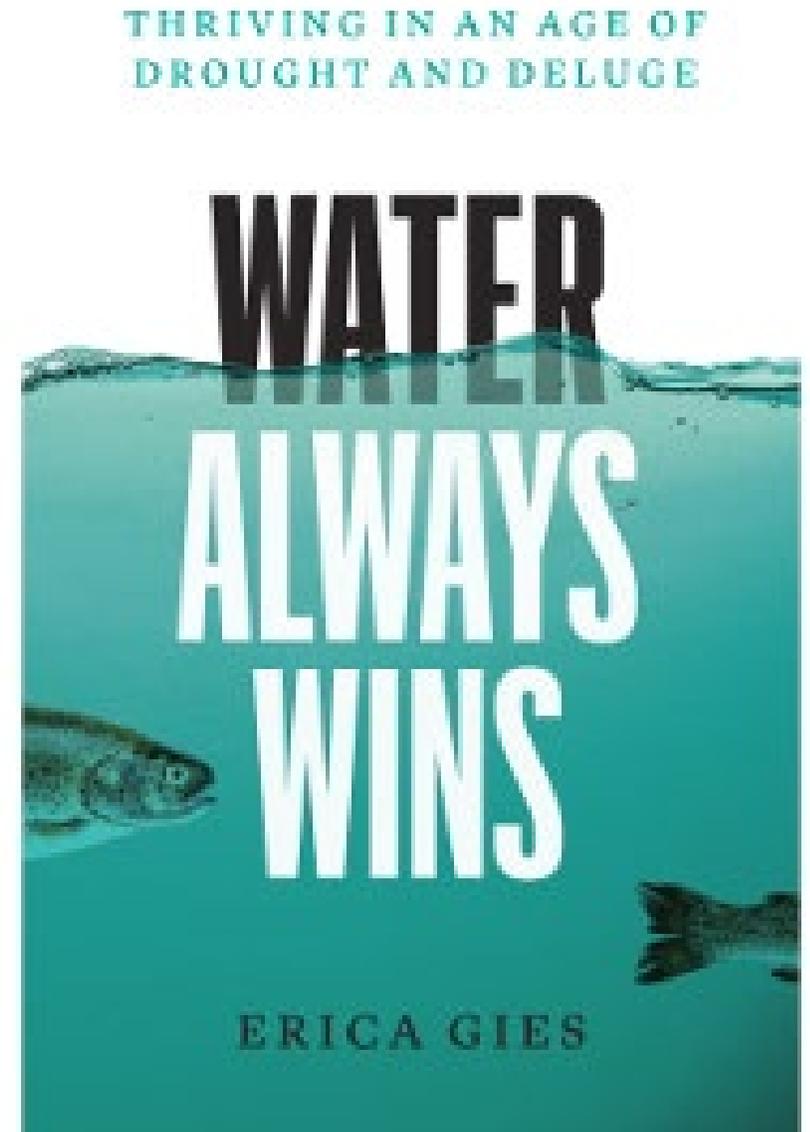


7. Leverage Funding

- Wrote draft grant for Metropolitan Water District Conservation Innovation application on behalf of LAUSD for Topanga Elementary School project
- Gus Meza stated, Inclusion of 6 cisterns in IRWM app. inspired by conversations with coordinator.
- Shared insights on \$500 million in available funding from Megan Cooper of the California Coastal Commission with State Parks and City of Calabasas
- Approached Wildlife Conservation Board to request funding for Las Virgenes Creek Restoration Project, Phase III with Alex Farassati
- Asked Santa Monica Malibu Unified School District if they would like to apply for Metropolitan Water District Conservation Innovation funding; they're too busy
- **Explored cisterns pricing with a number of vendors, key take home: whatever the cistern costs, double it when you include shipping**

8. Local Stakeholder Education

- Nature Based Solutions Success Stories Conference *online*
Thursday, November 17, 9:00 a.m. – 12:30
Keynote, Erica Gies on the Hyporheic Zone and Thorton Creek Restoration
 - Lunch at Adobe Cantina 12:40 – 1:40
- Agoura Hills and Calabasas Creek Restoration Sites Tour, in person
Thursday, November 17, 2:00 p.m. – 4:00 p.m.
- Santa Barbara Creeks Division Tour, in person, in person
Friday November 18, 9:45 a.m. – 3:00 p.m.
- Wrote articles on four (4) different speakers at events for local papers
 - Author, Erica Gies, *Water Always Wins*
 - Jessica Hall, *Lost Streams of L.A.*
 - Nadine Salas, Poet and Conservationist
 - Alex Farassati, City of Calabasas



9. Watershed Coordinator Collaboration

- Attended monthly Watershed Coordinator event
- Worked carefully with lead, Mikaela Randolph, Michelle Struthers and Nancy Shrodes to support presentation on Measure W and Watershed Coordinator program to Santa Monica Bay Restoration Commission



Photo by Watts

Measure W: Collaborative Application Update



Photo
by Watts

The concept: a multi agency / multi city application for underground cisterns
ARLA study will pinpoint best case scenario outcomes for locations
Updates from L.A. County Department of Flood Control will help stakeholders consider efficacy of this approach as Gates Canyon project progresses
Key issue: who manages the grant application and project implementation?

Asked, but declined:

Las Virgenes Municipal Water District, Los Angeles County Department of Public Works / Flood Control, Las Virgenes-Malibu Council of Government, various cities, ARLA cannot

Any entities ready to commit projects?

Under discussion: Lost Hills Sheriff's Station, LAUSD

Not willing to commit at this time but may change:

Westlake Village, Calabasas, Agoura Hills, SMMUSD

One insight, entities that are “on the fence” may be more interested in above ground projects rather than below ground projects

All eyes on:

1. Topanga Elementary School cistern projects
2. IWRM 6 Cisterns
3. ARLA Study



Measure W Application: Increasing Open Space

Mini-history review:

Acquisition of both Upper Las Virgenes Canyon Open Space Preserve and King Gillette Ranch were funded in large part by the argument that preserving these regions from development would PREVENT water quality impairments caused by development. Improving water quality pre-emptively is worth funding.

Measure W

→ Goal 3 from the Safe Clean Water Program,

“Improve public health by preventing and cleaning up contaminated water, increasing access to open space, providing additional recreational opportunities, and helping communities mitigate and adapt to the effects of climate change through activities such as increasing shade and green space.”

Watershed Coordinator is actively looking for open space acquisition opportunities with MRCA either as a solo applicant, and/or, possibly with California Department of State Parks, National Park Service and Westlake Village.

Insofar as I know, this would be the first Measure W Application going towards an open space purchase.



Cornell – Mulholland Highway Green Improvements Project

Infrastructure Program
Fiscal Year 2023-2024
North Santa Monica Bay
Alberto Grajeda
Previously Awarded TRP – No



Project Overview

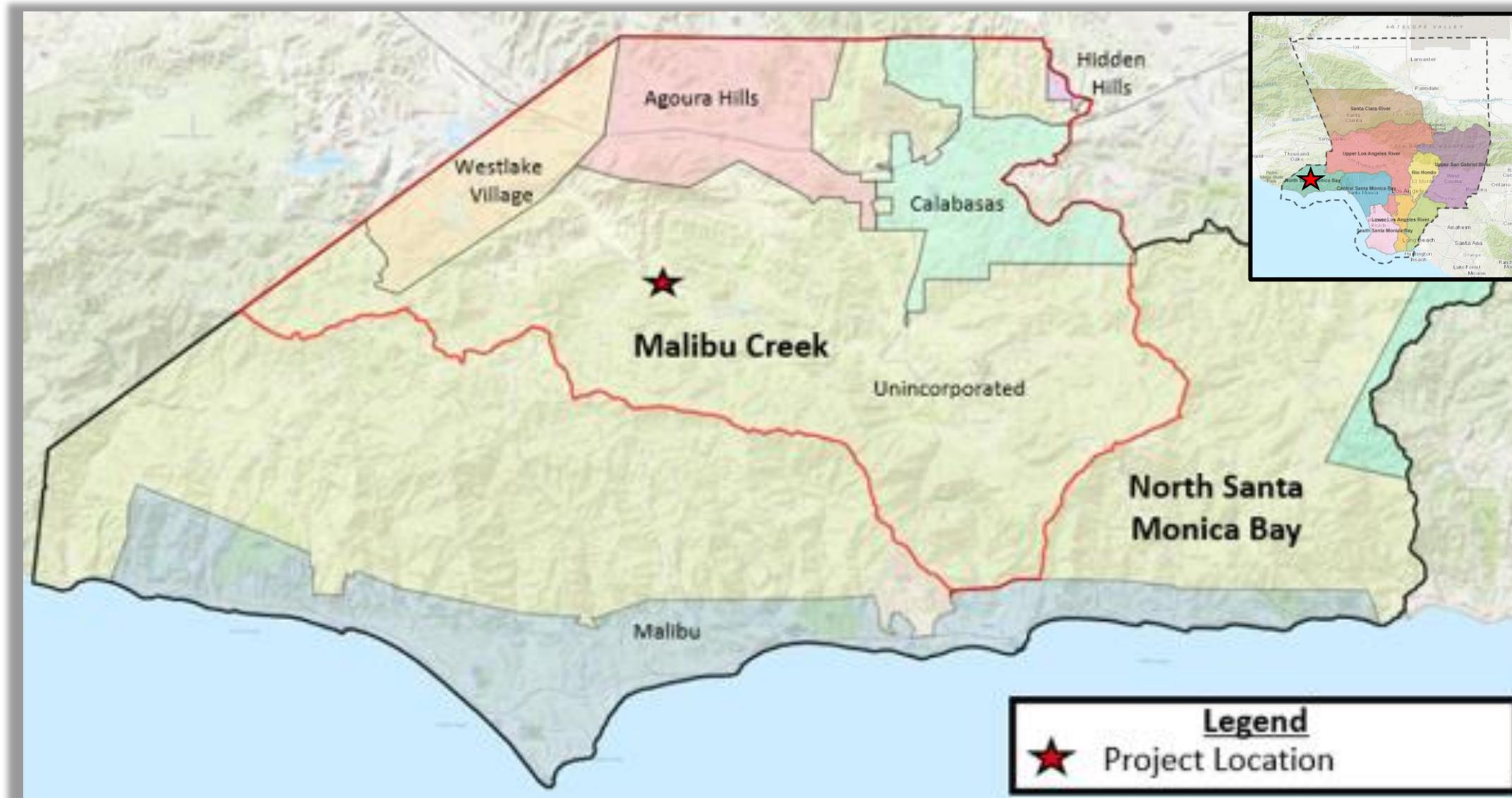
The proposed Project located in the unincorporated community of Cornell will improve water quality and provide community enhancements

- Water Quality
- Community Investments
- Design
- \$350,000





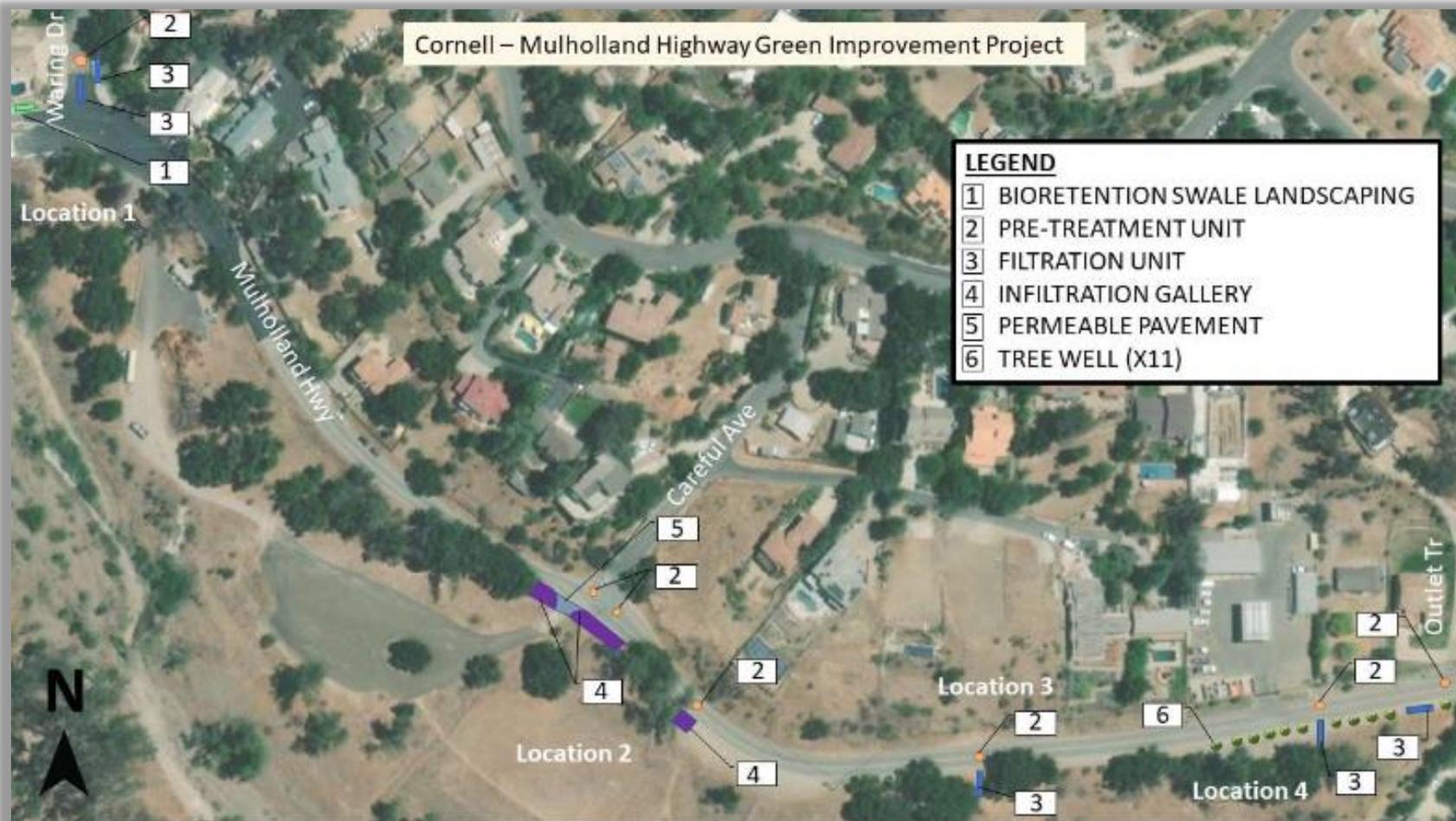
Project Location





Project Background

- Malibu Creek Watershed Management Plan – Priority Project
- 100% unincorporated County of Los Angeles





Partners



- June 29, 2022 – Quarterly Virtual NSMB Watershed Community Meeting
- July 21, 2022 – In person meeting with Cornell community
- Multiple letters of support from Cornell community



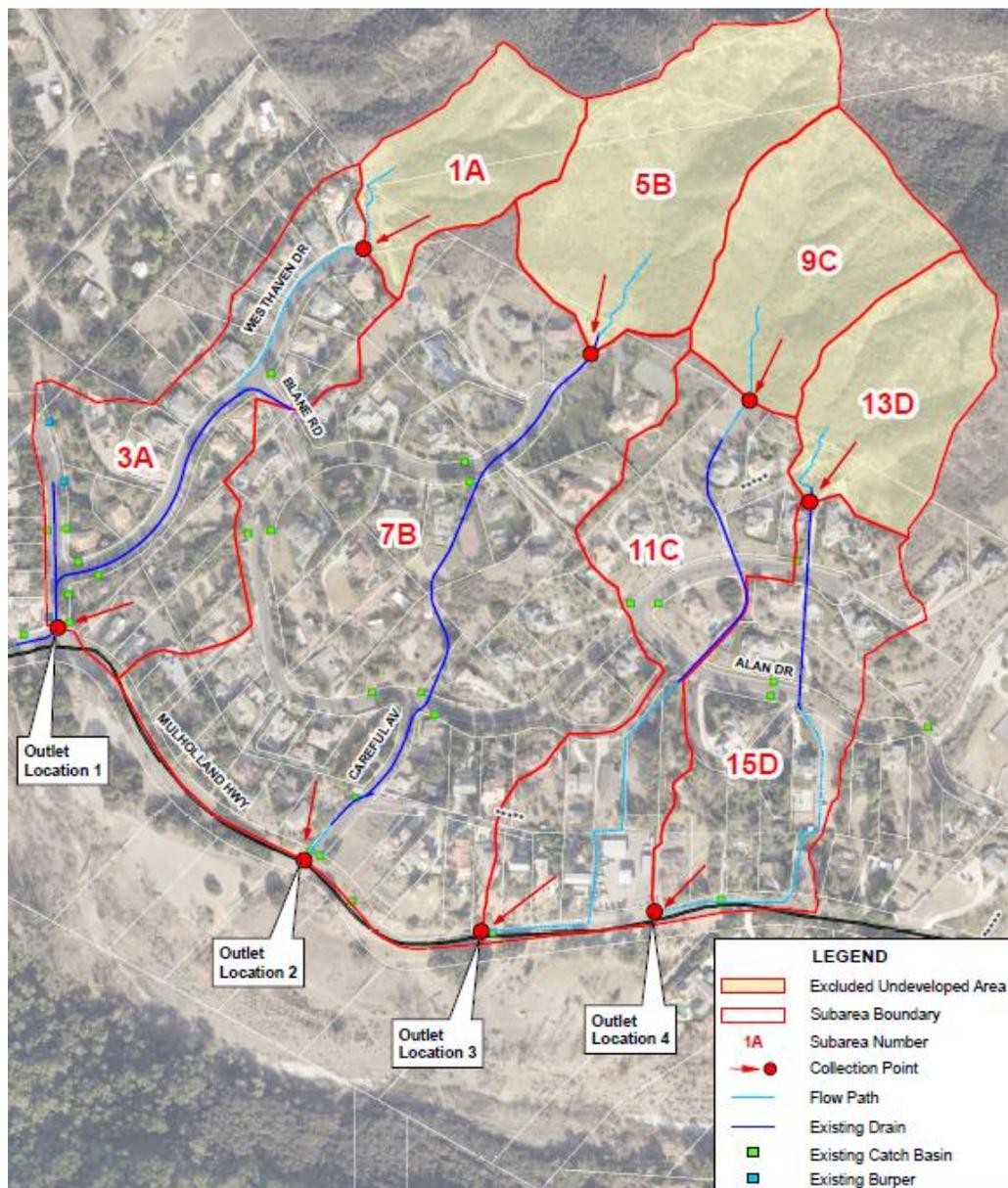
Partners (Cont'd)

- June 28, 2022 – Los Angeles County Flood Control District Conceptual Approval
- July 20, 2022 – Engaged local Vector Control District





Project Details

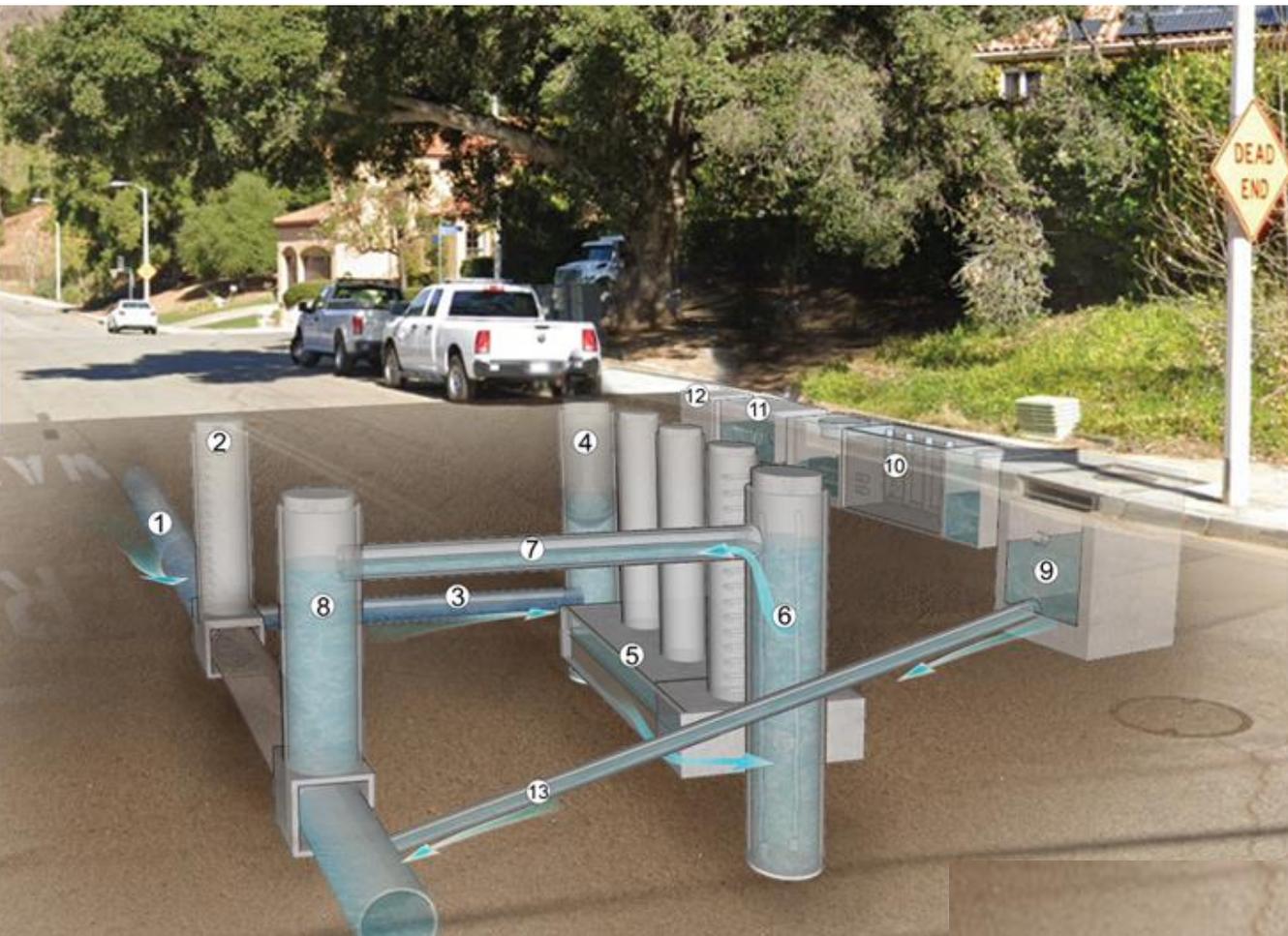


- 70 Acre Drainage Area
- 85th Percentile, 24 Hour Storm (1.1 AF)
- Low Density Single Family Residential
- Treat and Release
- Infiltration
- Existing Right of Way
- Potential to Reduce Pollutant Loads:
 - Nitrogen 65.6%
 - Phosphorous 65.4%
 - TSS (PCB/DDT) 83%



Project Details

- ① EXISTING STORM DRAIN
- ② DIVERSION STRUCTURE
- ③ INFLUENT PIPE
- ④ PRETREATMENT UNIT
- ⑤ STORMWATER FILTRATION UNIT
- ⑥ PUMP WELL
- ⑦ EFFLUENT PIPE
- ⑧ CONVERGENT MANHOLE
- ⑨ EXISTING CATCH BASIN
- ⑩ SURFACE RUNOFF FILTRATION UNIT
- ⑪ PUMP CONTROL VAULT
- ⑫ MONITORING STATION
- ⑬ CONNECTION TO STORM DRAIN



- Pretreatment Units
- Filtration Units
- Treat and Release
- Infiltration Galleries



Project Details



- Nature Based Solutions
- Bioretention Swales
- Up To 10 Tree Wells
- Native and Drought Tolerant Landscaping



Cost & Schedule

Phase	Description	Cost	Completion Date
Planning	Development of a Project Concept Report, including 30% Plans	\$500,000	08/2022
Design	Develop 60%, 90% and Final Plans, Specifications and Estimates	\$700,000	11/2023
Construction	Award contract and construction implementation	\$1,860,000	08/2025
TOTAL		\$3,060,000	

- Annual Costs include Operation and Maintenance of underground and aboveground features
- 50 Year Project Lifespan
- \$17M Life-Cycle Cost



Funding Request

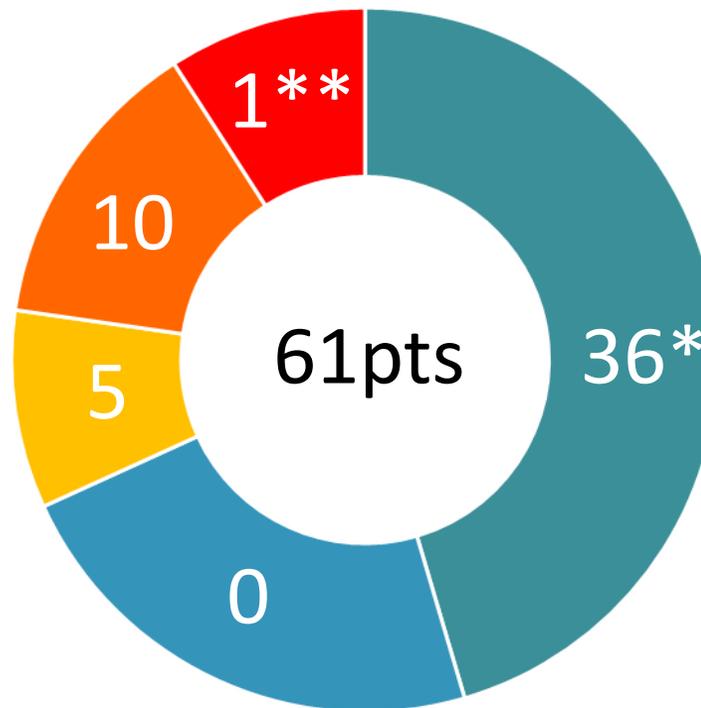
Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$350,000	Design	Complete 60% design plans, 90% design plans, and Final Plans, Specifications and Estimates
TOTAL	\$350,000		

- Leveraged Funding Amount: \$350,000 (>50% Funding Matched)
- Future SCW Funds: Construction



Tentative Score by the Scoring Committee

- Water Quality
- Water Supply
- Community Investment Benefits
- Nature Based Solutions
- Leveraged Funds and Community Support

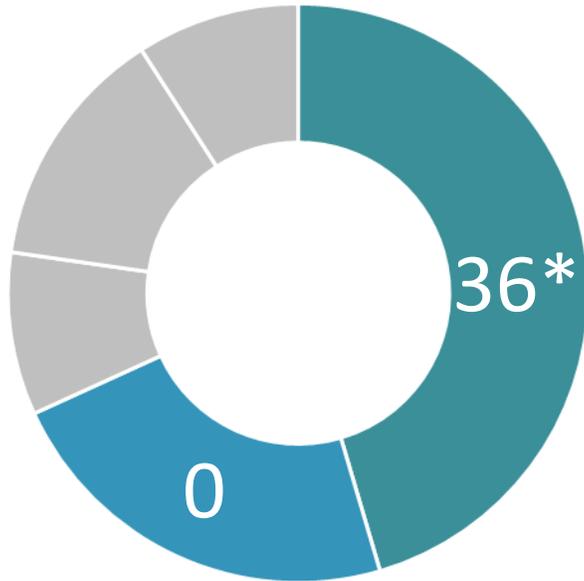


The Scoring Committee was unable to score based on October 6th Meeting

- *4.89 ac impervious area very low
- *Clarify capital cost, over-estimated O&M
- **Secured Funding not clear
- **Few letters of support



Water Quality & Water Supply Benefits

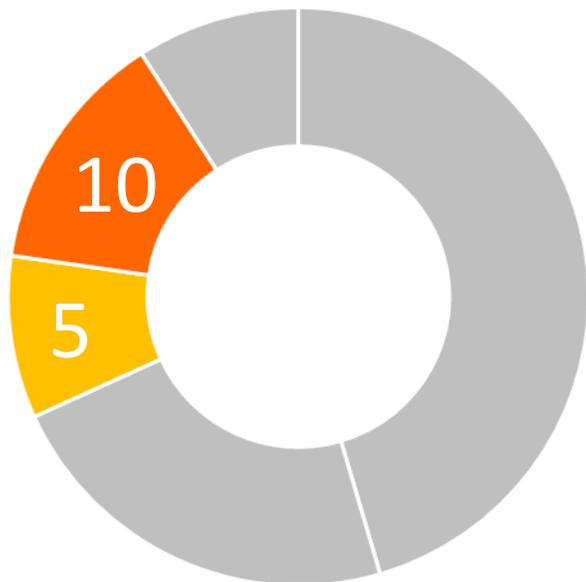


- Filtration and infiltration BMPs
- Wet Weather Project
- 72.3 Acres
- 1.1 AF Capacity
- Primary: 65.4% P, 65.6% N
- Secondary: 85% TSS (Sediment Assoc. Pollutants)
- Water Quality Cost Effectiveness: 1.14AF/\$1.86M

The Scoring Committee confirmed this score on October 6, 2022. To be rescored December 1, 2022



Community Investment Benefits and Nature Based Solutions

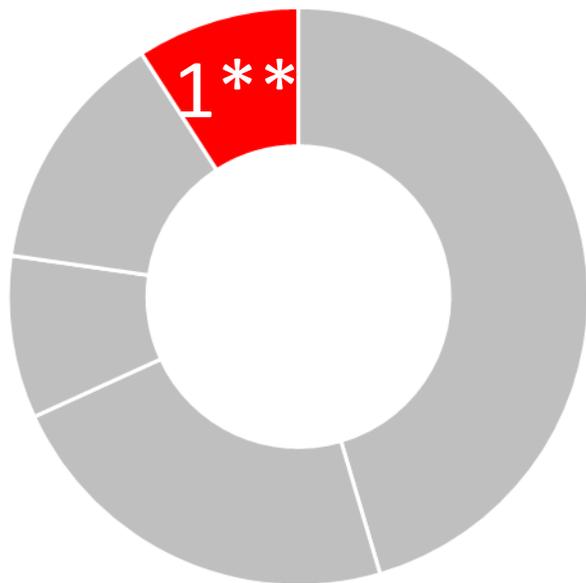


The Scoring Committee confirmed this score on October 6, 2022

- Community Investment Benefits
 - Bioretention Swales
 - Potential for up to 10 Trees
 - Improving Beneficial Uses of Waterways
- Nature Based Solutions
 - Infiltration Galleries
 - Permeable Pavement
 - Bioretention Swales
 - Tree Wells

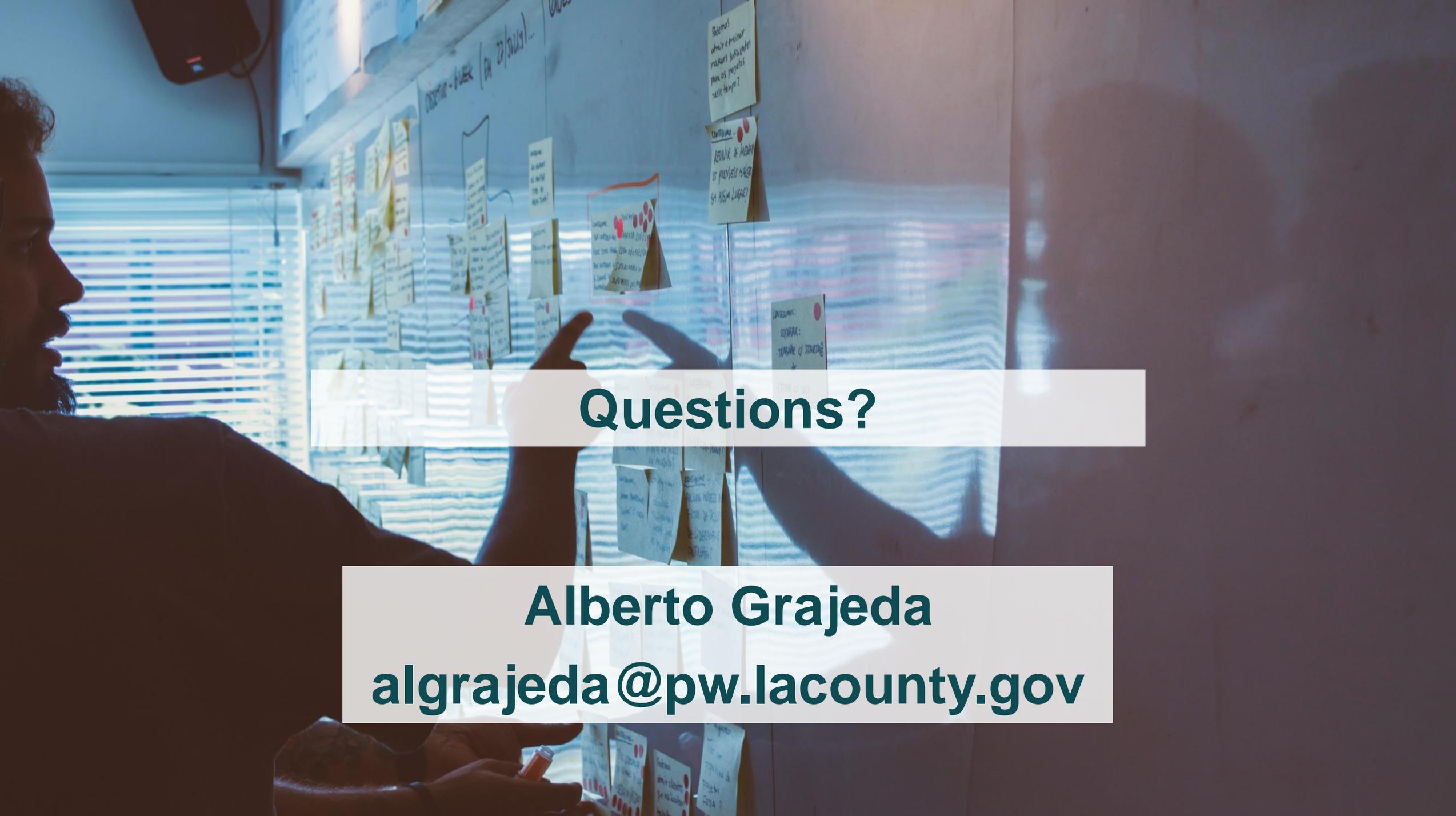


Leveraging Funds and Community Support



The Scoring Committee confirmed this score on October 6, 2022. To be rescored December 1, 2022

- Leveraging Funds
 - Los Angeles County General Funds
 - Safe, Clean Water Municipal Funds
 - >50% Funding Matched
- Community Support
 - June 29, 2022, Safe, Clean Water Quarterly Community Meeting
 - July 21, 2022, On-site Community Meeting
 - Six Letters of Support

A man with a beard is shown in profile on the left, looking towards a whiteboard. The whiteboard is covered with numerous sticky notes of various colors (yellow, white, pink) and some diagrams. The room has large windows with blinds in the background. The overall lighting is dim, with a blueish tint from the window blinds.

Questions?

Alberto Grajeda
algrajeda@pw.lacounty.gov



Westlake Village MS4 Compliance Project

Technical Resources Program
Fiscal Year 2023-2024
North Santa Monica Bay
City of Westlake Village
Roxanne Hughes, City Engineer
Previously Awarded TRP –No



Project Overview

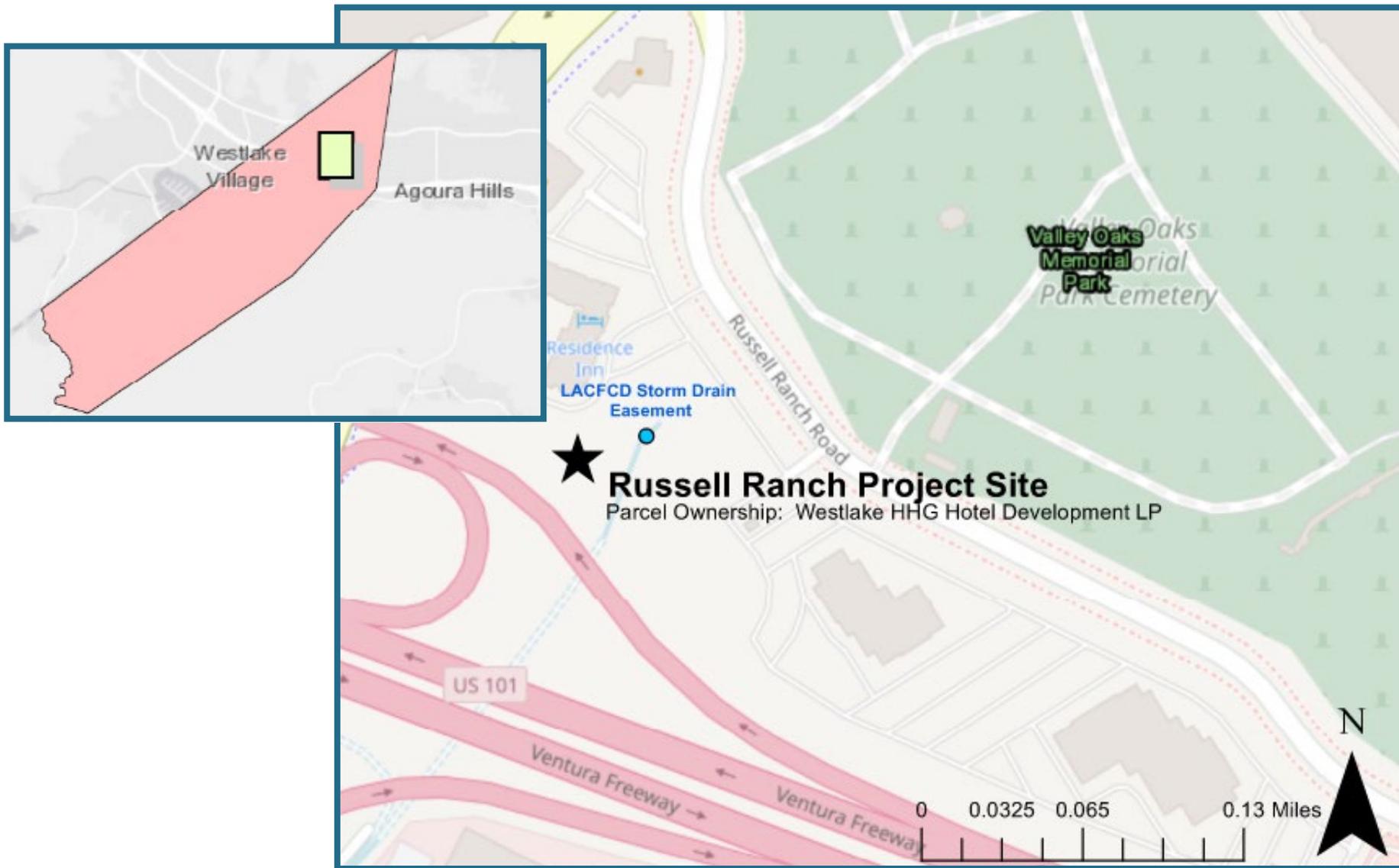
The Westlake Village MS4 Project combines two areas to meet 42% of the MS4 Permit, as per the MCW EWMP, and adds 2.5 AF to the water supply.

- Primary Objective: Improve Water Quality and Supply
- Secondary Objectives: Create a Water Supply for Community and Ecosystem
- Project Status: Planning and Design
- Total Funding Requested: \$300K



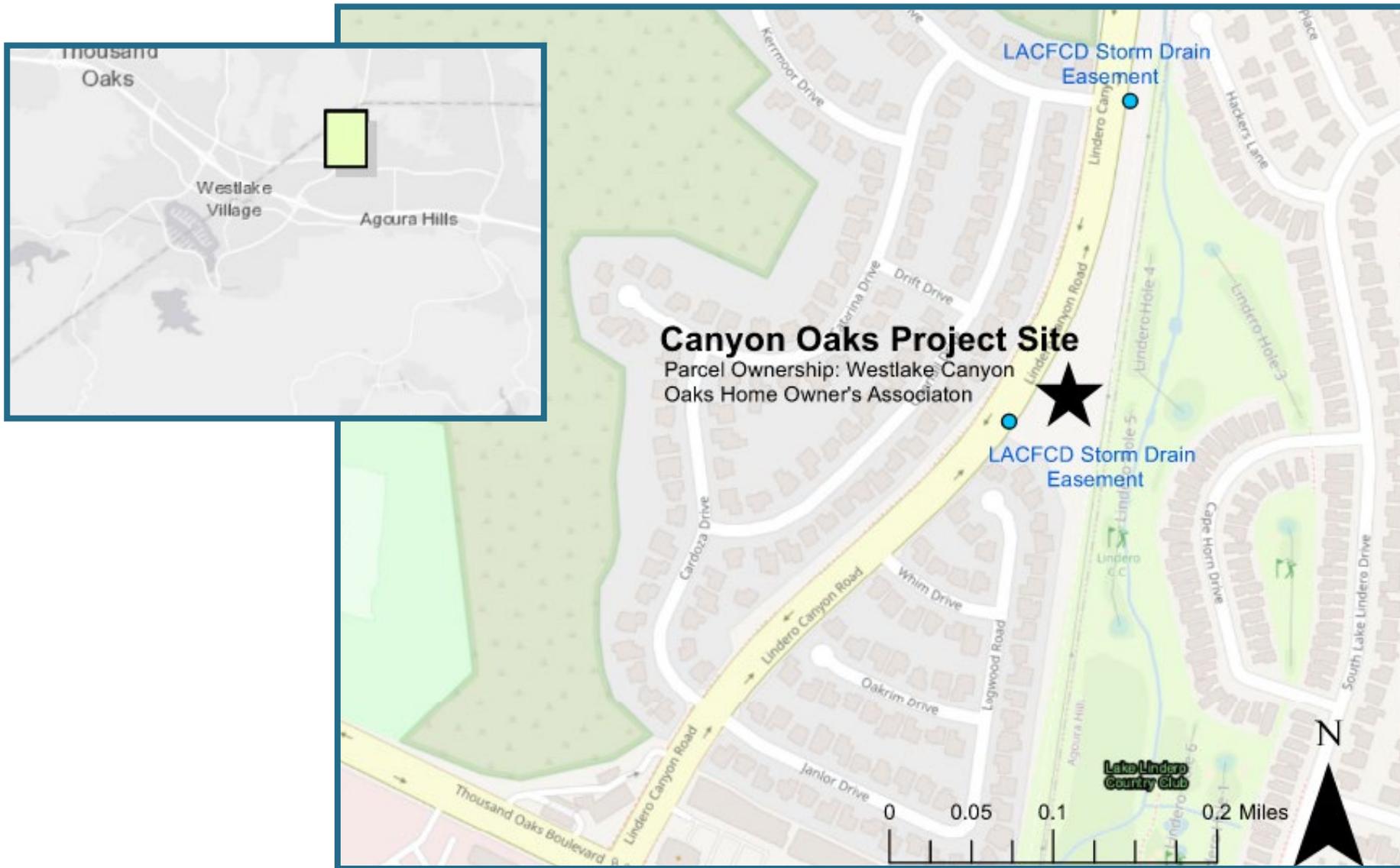


Project Location – Russell Ranch





Project Location – Canyon Oaks





Project Background

- Why was the Project Location selected?

The **Russell Ranch site** will clean urban flow from commercial and industrial land uses prior to reaching Triunfo Creek.

- The treated water will be funneled to the sanitary sewer for treatment and reuse by LVMWD.
- LVMWD is in the process of building the Pure Water Project for drinking water.

The **Canyon Oaks site** addresses significant residential runoff prior to reaching Lindero Creek.

- ✓ IMPROVE WATER QUALITY
- ✓ INCREASE LOCAL WATER SUPPLY



.55 SQ MI DRAINAGE
+ majority of City's Commercial
and Industrial Areas, Residential
Community





• How was the Project developed?

The Project is the result of a decade's worth of research and planning to improve water quality and water supply and the result of a lengthy community outreach process derived from the 2016 MCW EWMP.

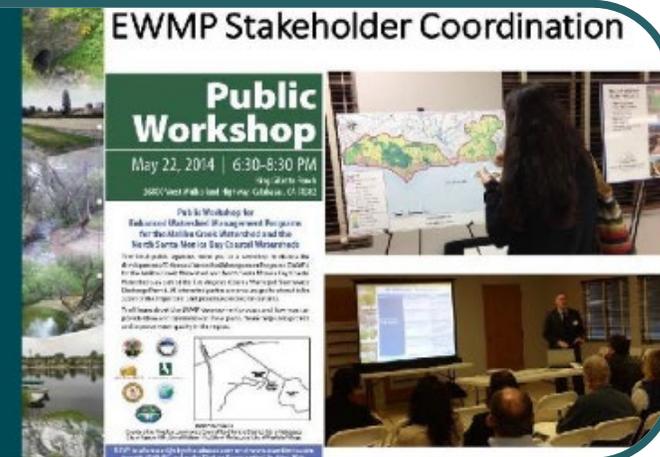
• Which regional water management plan includes the proposed project?

The MCW EWMP, updated in the June 2021 MCW WMP submittal to the Regional Board, incorporated this vital City stormwater and water supply benefit project as result of a reasonable assurance analysis (RAA).

Benefits

- ✓ Clean drinking water
- ✓ New water supply
- ✓ Supports ecological beneficial uses
- ✓ Supports recreational beneficial uses

Stakeholder Outreach from original MCW EWMP





Partners

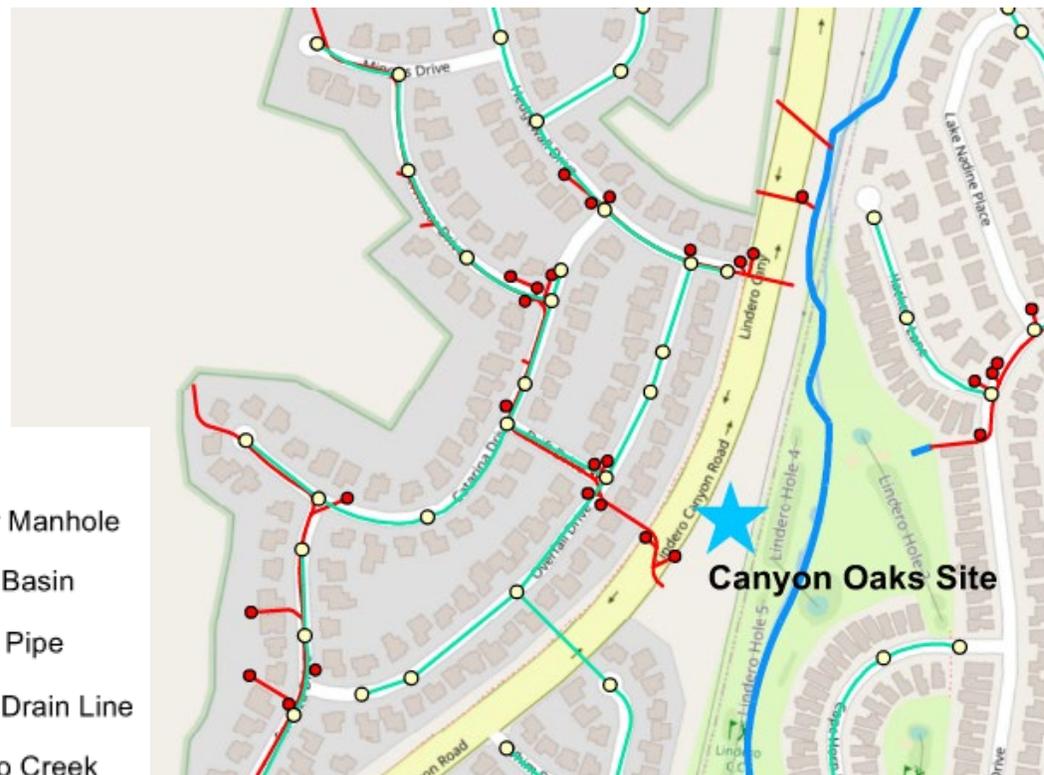
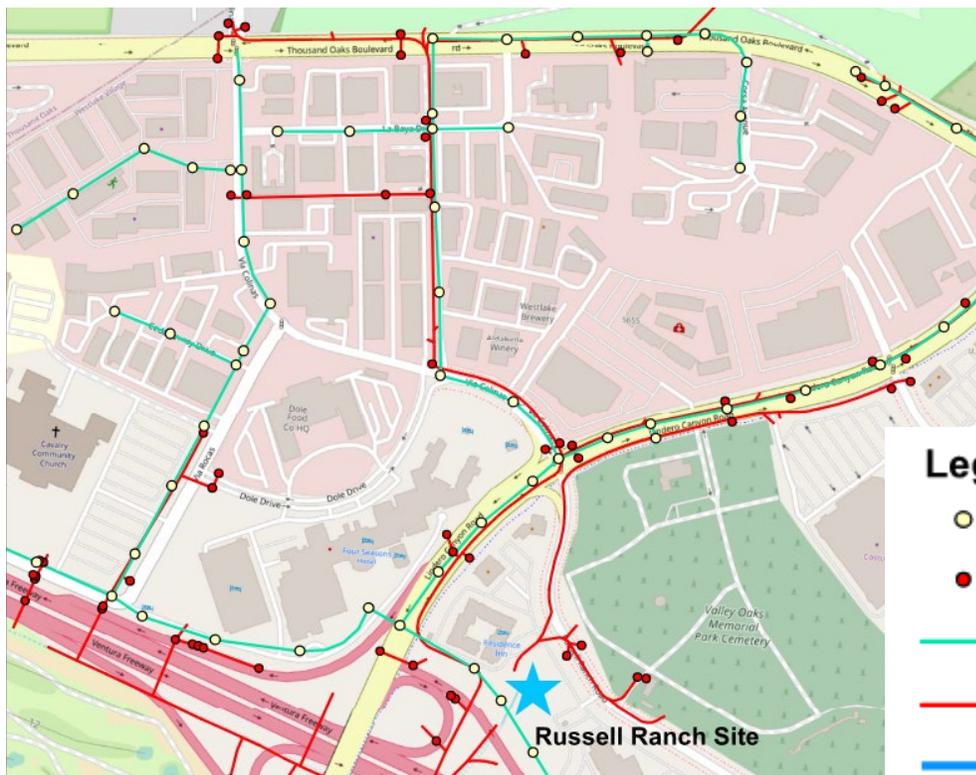
- Who are the Project collaborators already identified?
 - The City of Westlake Village
 - Las Virgenes Municipal Water District (LVMWD)
 - Westlake Canyon Oaks HOA
 - Russell Ranch Road Property Owners
 - Los Angeles County Flood Control District (LACFCD)
- What communities or groups have expressed support for the project?

To date the Project has garnered the support of:

 - The City of Westlake Village
 - Received a letter of non-objection
 - LVMWD
 - Received a letter of support



Project Details



Legend

- Sewer Manhole
- Catch Basin
- Sewer Pipe
- Storm Drain Line
- Lindero Creek

Russell Ranch

- Includes intercepting two storm drain lines
- Install treatment and release via Nature Based Solutions
 - Partial diversion into LVMWD sewer main.

Canyon Oaks

- Intercept at least two storm drain lines
- Use land-based treatment to remove pollutants
- Release clean water into Lindero Creek
 - Supports of ecological and recreational uses



Project Details

(Continued)

Capture Area Summary	
Capture Area:	352 ac
Impervious Area	147.83 ac
Pervious Area:	204.17 ac

Breakdown of Impervious Acreage in Capture Area		
Land Use Type	Percent Impervious	Acres
Single Family Residential	6%	8.87
Commercial	83%	122.7
Open Space	11%	16.26

Site Conditions

- Based on the findings of the MCW WMP:
 - The Russell Ranch Site is expected to treat a drainage area that covers 300 acres
 - The Canyon Oaks Site will treat 52 acres
 - This will cover over 10 percent of the total area of the City of Westlake Village
- No alternative locations exist to achieve the desired benefits

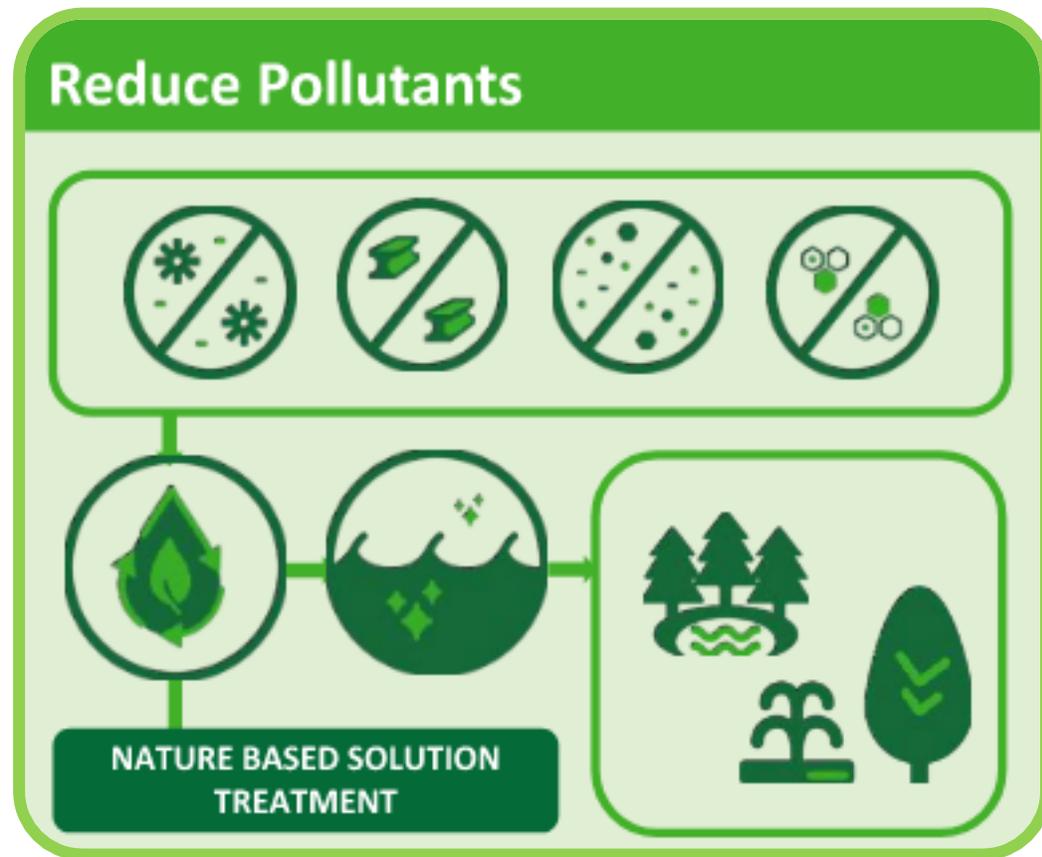


Project Details

(Continued)

The City of Westlake Village prioritizes nature-based solutions as drivers of design

- The community is excited because it will address long running water quality concerns and create additional water supply.
- The project will include thoughtfully curated landscaping, using native plants sourced from the immediate local ecosystems



2.5 ACRE FEET BMP CAPACITY
RUSSEL RANCH SITE

2.6 ACRE FEET BMP CAPACITY
CANYON OAKS SITE



Russell Ranch site

- Pretreatment process will be integrated into a standing grove of protected oaks
 - Maintain our historic tree communities is part of the treatment plan

Canyon Oaks site

- Treat water via creation of a passive park
 - Utilizing both pretreatment and biofiltration
- Returning treated water to Lindero Creek and Lake Lindero
- Passive park will create a place for exercise and enjoying green space.



Project Details

(Continued)

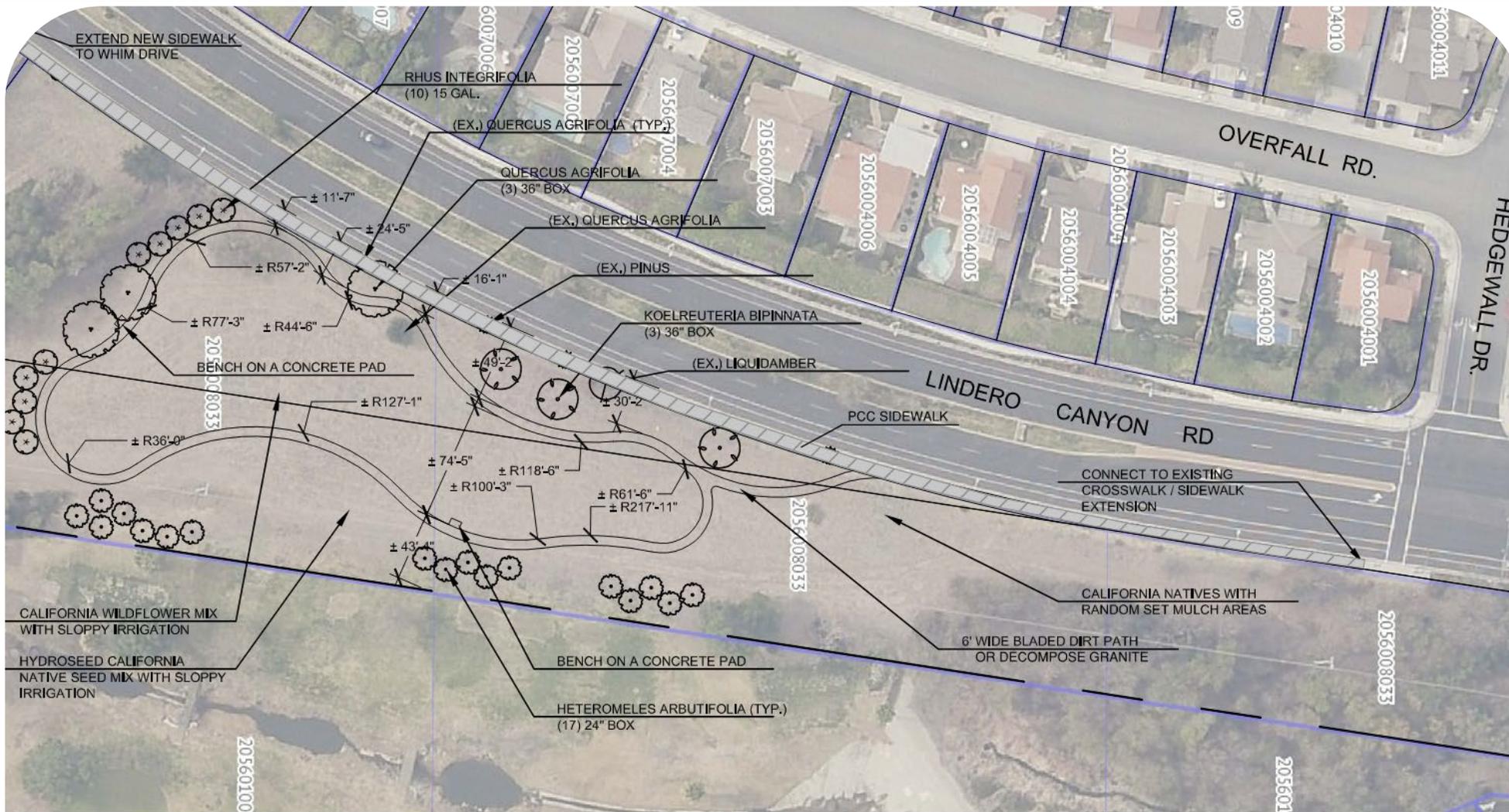


EXHIBIT A
Lot 80 - Passive Park
 Conceptual Plan

Draft Print

10/27/2021 10:52:50 AM



City of Westlake Village
 31200 Oak Crest Drive
 Westlake Village, Ca 91361



Cost & Schedule

Phase	Description	Cost
Construction	Award contract and construction implementation	\$1,750,000.00
Planning and Design	Early concept design, pre-project monitoring, feasibility study, site investigations, project design, project audits, and environmental impact studies and permitting	\$300,000.00
TOTAL		\$2,050,000.00

Annual Cost Breakdown	
Annual Maintenance	\$20,000.00
Annual Operation	\$10,000.00
Annual Monitoring	\$10,000.00
TOTAL	\$50,000.00

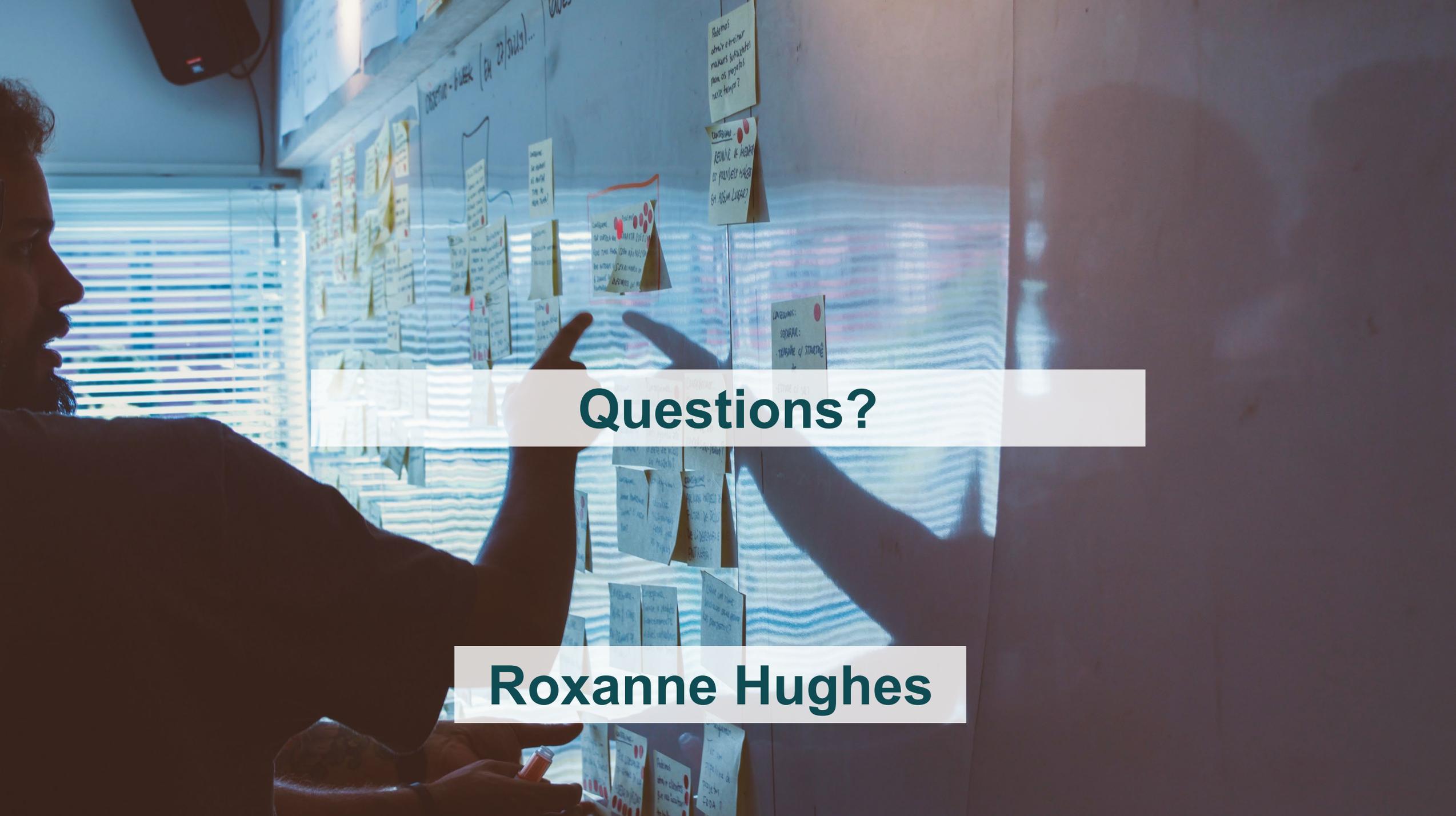
- Project Lifespan: 50 Years
- Lifecycle Cost: \$ 4,550,000



Funding Request

Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$300,000.00	Planning and Design	
TOTAL			

- Description of future potential SCW funding requests, if applicable



Questions?

Roxanne Hughes