

**Measure W – Safe, Clean Water Program  
Administrative Oversight Committee (AOC)**

Thursday, August 31, 2023

Members Present: Patricia Huber, City Administrative Officer, Chair (CAO)  
Matias Farfan, Chief Legislative Analyst (CLA)  
Ryan Jackson, Office of the Mayor (Mayor)

Staff Present: Janice Chang Yu, CAO  
Jessica Quach, CAO  
Rafael Prieto, CLA  
Blayne Sutton-Willis, CLA

The meeting was called to order at 11:01 AM.

1. Approval of the Minutes from prior meeting on May 25, 2023

**Disposition:** Approved 3-0 without discussion.

2. Verbal update from the Bureau of Sanitation (LASAN) on the status of the Measure W – Safe, Clean Water Program and update on the status of Round 5 projects

LASAN Measure W Program Manager, Michael Scaduto, updated the AOC on the status of Round 5 project applications and informed the AOC of developments where the Regional Board announced the availability of unspent additional funds and pending guidelines how to apply for those additional project modification funds.

Following the presentation, Member Matias Farfan (CLA) asked if the number of City applications decreased. Mr. Scaduto responded that LASAN has been consistent in submitting applications for each round but that the South Santa Monica Bay (SSMB) watershed was difficult to prevail in due to the scoring of the regional program. The LASAN project in SSMB would not meet the 60 point threshold. Moving forward, LASAN committed to working with the Council District (CD) to identify projects that would score higher.

Patricia Huber (Chair/CAO) asked if the City's timeline for completion of projects was the same as other jurisdictions that received awards. Mr. Scaduto responded that municipal schedules vary and differ at the time of the applications. Mr. Scaduto further shared that the City had two projects that are significantly behind schedule due to delays with the transfer agreement.

Mr. Farfan asked if similar issues are anticipated for the Proposition O projects in regards to optimization and post-construction. Mr. Scaduto assured the Committee every effort would be made to avoid delays and that the initial issues of not including operation staff during design were managed. LASAN now has operations staff involved throughout the design and construction process.

Member Ryan Jackson (Mayor) shared concerns that the City's success in earlier rounds could impact the City's request for the additional funds. He continued that it would be best to compile all projects and funding requests from the Department of Water and Power (LADWP), LASAN, and Bureau of Street Services (BSS) in one report. Following additional discussion, the Chair Huber requested LASAN present the County guidelines

on project modifications at the next meeting and that the individual departments, LASAN, LADWP, and BSS also return with additional funding request information. Ms. Huber cautioned on the need to balance the requests. Mr. Scaduto shared that the departments had already begun working together. In closing, Mr. Scaduto shared concerns about insufficient time to secure the necessary approvals if the guidelines were published with minimum time to respond if due in October. Chair Huber acknowledged the concerns and made a commitment that the AOC would convene special meetings as necessary.

**Disposition:** No action

3. Report from the CAO regarding the receipt of funds from other sources into the Measure W – Safe, Clean Water Regional Program

Jessica Quach, CAO Measure W Liaison, presented the report requesting the AOC request the City Attorney prepare an ordinance to amend the Measure W Fund so that it could receive grant funds and other monies required for funding Measure W projects. .

Mr. Farfan asked if the instructions were sufficient for the City Attorney to proceed with the ordinance. Adena Hopenstand (City Attorney) requested clarification if the request included any source and not limited to the County, for purposes of the Municipal Project Fund. Ms. Quach confirmed the change was to **not limit** the change to the County. Mr. Farfan then asked if the expenditures would still be restricted to Measure W projects. Ms. Quach confirmed that in accordance with the financial policies any funds will be linked to the mandate of the funding source.

**Disposition:** Item Approved 3-0 after discussion

4. Other Committee organizational matters, as necessary.

Chair. Huber noted that the next regularly scheduled meeting is on September 28<sup>th</sup> and the AOC will work to accommodate any special meetings, as necessary, to expedite the timeline of the additional funding requests.

**Disposition:** No action.

Meeting adjourned at 11:39 PM.

**Measure W: Safe, Clean Water Program**  
**Additional Funding Requests**  
**For Regional Rd 1 & 2 Project Cost Increases**

Item #2



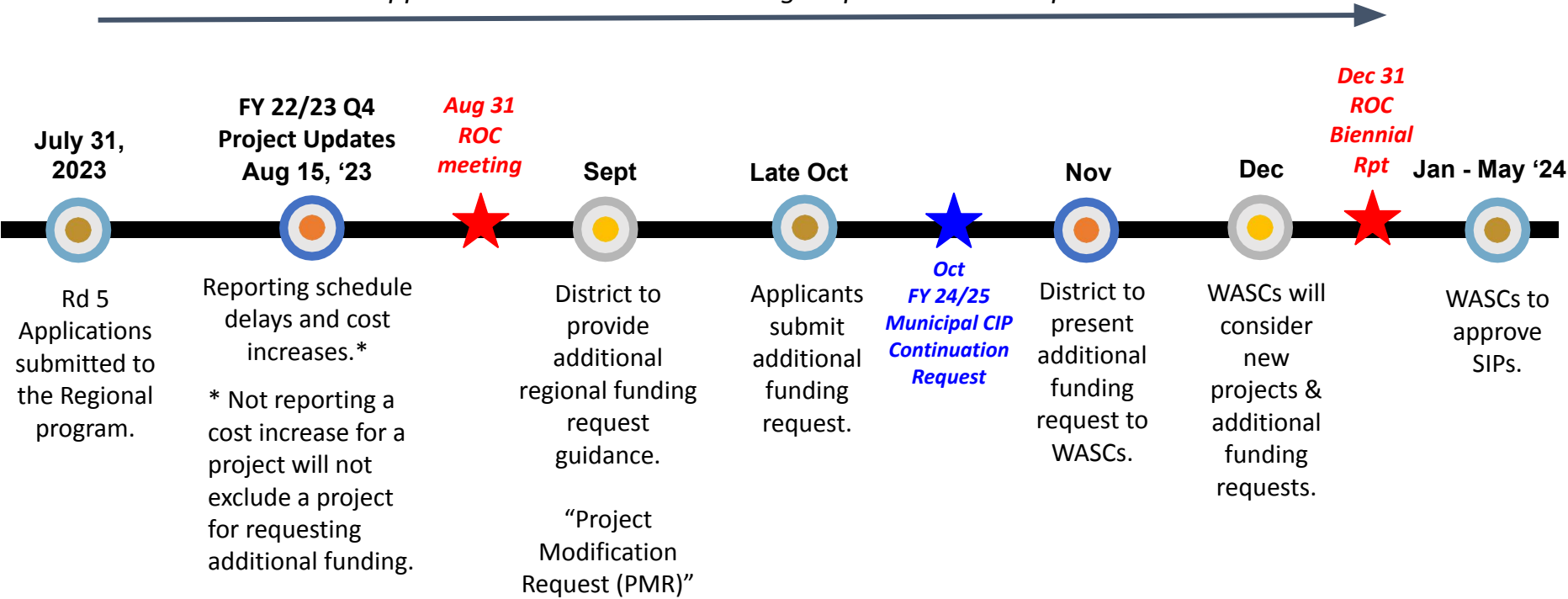
**LA Sanitation & Environment**  
**September 28, 2023**

**Barbara Romero**  
*Director and General Manager*  
**LA Sanitation & Environment**



# SCW FY 23/24 Schedule

*Rd 5 Applications + Additional Funding Requests + Rd 6 Preparation*



SAFE CLEAN WATER

# SSMB WASC Budget Outlook

		Rd 5 Request / Additional Funding	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Increase in Project Delivery	Other Funding Sources (60W funds are unconfirmed)
<b>WASC's Cumulative Available Funds</b>		-	\$3.8 M	\$11 M	\$21.6 M	\$37.1 M	\$54.5 M	-	-
<b>Round 5</b>	Pollutant Source Characterization Study	\$0.4 M (SSMB)	\$16,240	\$125,860	\$101,500	\$101,500	\$60,900	-	-
	Street Sweeping Study	\$0.1 M (SSMB)	\$37,120	\$56,840	\$19,140	\$0	\$0	-	-
<b>Additional Funding Request</b>	<i>Wilmington Q Street Local Urban Area Flow Management Project</i>	\$7.6 M	\$ 750,000	\$ 3,250,000	\$ 3,576,300	\$ -	\$ -	+\$7.6 M	\$0.0 M in Municipal 60W funds
	<i>Wilmington Neighborhood Greening Project</i>	\$4.5 M	\$1,000,000	\$ 1,000,000	\$ 2,500,000	\$ -	\$ -	+\$13.4 M	\$8.9 M in Municipal 60W funds, NOAA Letter of Intent submitted
<b>Total City of LA Request</b>		<b>\$12.6 M</b>	<b>\$1,803,360</b>	<b>\$4,432,700</b>	<b>\$6,196,940</b>	<b>\$101,500</b>	<b>\$60,900</b>	-	-
<b>WASC's Cumulative Remaining Funds</b>		-	\$1,996,640	\$4,763,940	\$9,167,000	\$24,565,500	\$41,904,600	-	-
<b>% of WASC's Cumulative Available Funds that the City of LA is Requesting in Round 5</b>		-	47%	57%	58%	34%	23%	-	-

**All Submissions the WASC Received in Round 5 (from the City of LA and others):**

- 3 Infrastructure Project applications
- 2 Technical Resource Program applications
- 3 Scientific Studies applications

Value	Average Between FY20/21-FY27/28
City Proportional Annual Tax Return (\$M)	\$3.32
City Program Annual Return (\$M)	\$3.87
Current Percentage (%)	117%
Percentage With Additional Round 5 Requests (%)	164%



# CSMB WASC Budget Outlook

		Rd 5 Request / Additional Funding	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Increase in Project Delivery Cost	Other Funding Sources (60W funds are unconfirmed)
<b>WASC's Cumulative Available Funds</b>		-	\$12.3 M	\$22.2 M	\$34.7 M	\$51.9 M	\$69.6 M	-	-
<b>Round 5</b>	Baldwin Vista Green Street Project	\$9.1 M	\$500,328	\$464,591	\$3,823,939	\$1,965,576	\$2,322,213	-	-
	Pollutant Source Characterization Study	\$0.6 M (CSMB)	\$24,920	\$193,130	\$155,750	\$155,750	\$93,450	-	-
	Street Sweeping Study	\$0.2 M (CSMB)	\$56,960	\$87,220	\$29,370	\$0	\$0	-	-
<b>Additional Funding Request</b>	<i>MacArthur Lake Rehabilitation Project</i>	\$11.0 M	\$4,000,000	\$4,000,000	\$3,000,000	\$ -	\$ -	<b>+\$17.6 M</b>	\$6.0 M in Municipal 60W funds, \$550k from Prop K, NOAA Letter of Intent submitted
	<i>Ballona Creek TMDL Project</i>	\$7.0 M	\$3,500,000	\$3,500,000	\$ -	\$ -	\$ -	<b>+\$45.0 M</b>	\$16.0 M in Municipal 60W funds, \$11.4 M from Prop O, \$9.0 M from Partner MOA, \$1.4 M from Caltrans, NOAA Letter of Intent submitted
<b>Total City of LA Request</b>		\$27.9 M	\$8,082,208	\$8,244,941	\$7,009,059	\$2,121,326	\$2,415,663	-	-
<b>WASC's Cumulative Remaining Funds</b>		-	\$4,217,792	\$5,872,851	\$11,363,792	\$26,442,466	\$41,726,803	-	-
<b>% of WASC's Cumulative Available Funds that the City of LA is Requesting in Round 5</b>		-	66%	74%	67%	49%	40%	-	-

## All Submissions the WASC Received in Round 5 (from the City of LA and others):

- 1 Infrastructure Project application
- 0 Technical Resource Program applications
- 3 Scientific Studies applications

Value	Average Between FY20/21-FY27/28
City Proportional Annual Tax Return (\$M)	\$13.40
City Program Annual Return (\$M)	\$6.81
Current Percentage (%)	51%
Percentage With Additional Round 5 Requests (%)	74%

# ULAR WASC Budget Outlook (Projects)

		Rd 5 Request / Additional Funding Request	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Increase in Project Delivery Cost	Other Funding Sources (60W funds are unconfirmed)
<b>WASC's Cumulative Available Funds</b>		-	\$8.6 M	\$10.3 M	\$13.4 M	\$28.8 M	\$46.9 M	-	-
<b>Round 5</b>	LA River Green Infrastructure Project	\$17.1 M	\$938,214	\$1,340,306	\$4,467,683	\$4,802,759	\$5,504,850	-	-
	Sun Valley Green Neighborhood Infrastructure	\$13.8 M	\$763,363	\$381,681	\$381,681	\$5,725,221	\$5,865,220	-	-
	Osborne Street: Path to Park Access Project	\$9.5 M	\$150,000	\$1,194,780	\$3,262,088	\$4,893,132	\$0	-	-
	Pollutant Source Characterization Study	\$2.5 M (ULAR)	\$98,840	\$766,010	\$617,750	\$617,750	\$370,650	-	-
	Street Sweeping Study	\$0.8 M (ULAR)	\$225,920	\$490,000	\$116,490	\$0	\$0	-	-
	<i>Community Proposed: Bowtie Project (The Nature Conservancy)</i>	\$7.0 M	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	-	-
<b>Additional Funding Request</b>	Lankershim Boulevard Local Area Urban Flow Management Network Project (LASAN)	\$11.0 M	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000	\$ -	\$ -	<b>+\$59.3 M</b>	\$26.3 M in Municipal 60W funds, \$22.0 M to be requested from SB1, NOAA Letter of Intent submitted
	Oro Vista Local Area Urban Flow Management Project (LASAN)	\$3.5 M	\$ 1,000,000	\$ 2,500,000	\$ -	\$ -	\$ -	<b>+\$18.9 M</b>	\$4.2 M in Municipal 60W funds, \$3.0 M in General Funds, \$8.2 M to be requested from SB1, NOAA Letter of Intent submitted
	Lincoln Park Neighborhood Green Street Project (LASAN)	\$12 M	\$ 750,000	\$ 3,250,000	\$ 4,000,000	\$ 4,000,000	\$ -	<b>+\$18.4 M</b>	\$4.8 M in Municipal 60W funds, \$1.6 M from Prop O
	Broadway-Manchester Multi-Modal Green Street Project (StreetsLA)	\$9.9 M	\$ 5,944,000	\$ 3,973,019	\$ -	\$ -	\$ -	<b>+\$26.7M</b>	\$3.9 M from ATP funds, \$11.9 M from Caltrans
	Valley Village Park Stormwater Capture Project (LADWP)	\$12.9 M	\$ 4,313,689	\$ 4,313,689	\$ 4,313,688	\$ -	\$ -	<b>+\$12.9 M</b>	\$3.1 M for initial LADWP costshare commitment
	Fernangeles Park Stormwater Capture Project (LADWP)	\$28.5 M	\$ 9,489,022	\$ 9,489,022	\$ 9,489,022	\$ -	\$ -	<b>+\$28.5 M</b>	\$8.1 M for initial LADWP costshare commitment
	Strathern Park North Stormwater Capture Project (LADWP)	\$23.8 M	\$ 7,947,366	\$ 7,947,366	\$ 7,947,366	\$ -	\$ -	<b>+\$23.8 M</b>	\$9.2 M for initial LADWP costshare commitment
	David M. Gonzales Recreation Center Stormwater Capture Project (LADWP)	\$23.3 M	\$ 4,669,238	\$ 4,669,238	\$ 4,669,238	\$ 4,669,238	\$ 4,669,238	<b>+\$23.3 M</b>	\$19.8 M for initial LADWP costshare commitment
	Valley Plaza Park Stormwater Capture Project (LADWP)	\$34.5 M	\$ -	\$ 8,622,253	\$ 8,622,253	\$ 8,622,253	\$ 8,622,254	<b>+\$34.5 M</b>	\$27.0 M for initial LADWP costshare commitment
	<b>Total City of LA Request</b>	<b>\$209.5 M</b>	<b>\$38,689,652</b>	<b>\$55,337,364</b>	<b>\$54,287,259</b>	<b>\$34,730,353</b>	<b>\$26,432,212</b>	-	-
<b>WASC's Cumulative Remaining Funds</b>	-	<b>-\$30,089,652</b>	<b>-\$83,727,016</b>	<b>-\$134,914,275</b>	<b>-\$154,244,628</b>	<b>-\$162,576,840</b>	-	-	
<b>% of WASC's Cumulative Available Funds that the City of LA is Requesting in Round 5</b>	-	<b>450%</b>	<b>913%</b>	<b>1107%</b>	<b>636%</b>	<b>447%</b>	-	-	

**Note:** Summary provided on next slide.

# ULAR WASC Budget Outlook (Summary)

	Rd 5 Request / Additional Funding Request	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
<b>WASC's Cumulative Available Funds</b>	-	\$8.6 M	\$10.3 M	\$13.4 M	\$28.8 M	\$46.9 M
Round 5 Applications	\$50.0 M	\$3,576,337	\$5,572,777	\$10,245,692	\$17,438,862	\$13,140,720
<i>LASAN Additional Funding Requests</i>	\$26.5 M	\$ 2,750,000	\$ 10,750,000	\$ 9,000,000	\$ 4,000,000	\$ -
<i>StreetsLA Additional Funding Requests</i>	\$9.9 M	\$ 5,944,000	\$ 3,973,019	\$ -	\$ -	\$ -
<i>LADWP Additional Funding Requests</i>	\$123.1 M	\$26,419,315	\$35,041,568	\$35,041,567	\$13,291,491	\$13,291,492
<b>Total City of LA Request</b>	<b>\$209.5 M</b>	<b>\$38,689,652</b>	<b>\$55,337,364</b>	<b>\$54,287,259</b>	<b>\$34,730,353</b>	<b>\$26,432,212</b>
<b>WASC's Cumulative Remaining Funds</b>	-	<b>-\$30,089,652</b>	<b>-\$83,727,016</b>	<b>-\$134,914,275</b>	<b>-\$154,244,628</b>	<b>-\$162,576,840</b>
<b>% of WASC's Cumulative Available Funds that the City of LA is Requesting in Round 5</b>	-	<b>450%</b>	<b>913%</b>	<b>1107%</b>	<b>636%</b>	<b>447%</b>

## All Submissions the WASC Received in Round 5 (from the City of LA and others):

- 7 Infrastructure Project applications
- 1 Technical Resource Program applications
- 3 Scientific Studies applications

Value	Average Between FY20/21-FY27/28
City Proportional Annual Tax Return (\$M)	\$28.96
City Program Annual Return (\$M)	\$28.10
Current Percentage (%)	97%
Percentage With Additional Round 5 Requests (%)	175%





# Additional Leveraged Funds

## Available Funding in Existing CIP:

- Typical \$15M-20M Municipal CIP annually
- \$5-6M in 5 LA River LFD's savings - expected to receive Statement of Completion Dec '23

## Secured Leveraged Funding for Rd 1 & 2 Regional Projects:

*(Dept of Public Works-led Projects)*

<u>Funding Sources Secured to Fill Shortfalls</u>	<u>Amount</u>
Committed Municipal (60W)	\$17.0 M
Prop O	\$13.0 M
Prop K	\$0.5 M
SB1	\$3.0 M
Cost Sharing MOAs	\$9.0 M
ATP	\$3.9 M
Caltrans	\$13.3 M
General Fund	\$3.0 M
<b>Total</b>	<b>\$62.7 M</b>



### Potential Funding:

- Hyperion SEP - Pending RB input
- NOAA - NOI Letter 8/23/23
  - Feb '24 application
  - October '24 awarded
- Caltrans
  - Phase 2 Permit (Cooperative Implementation Agreements)
  - Cycle 2 Clean California
  - Annual / biannual programs
- Prop O remaining funds

# Municipal CIP Outlook (LASAN only)

## Available Funding in Existing Municipal CIP:

- Typical \$15M-20M Municipal CIP annually

## Municipal CIP Outlook with Additional Round 1 and 2 Project Cost Increases:

Best Case Scenario	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Additional Funds Requested from the Regional Program	\$11,500,000	\$24,000,000	\$16,893,300	\$4,000,000
Anticipated Municipal CIP	\$24,378,635	\$21,181,763	\$13,887,733	\$439,528

Worst Case Scenario	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Additional Funds Requested from the Regional Program	\$0	\$0	\$0	\$0
Anticipated Municipal CIP	\$35,878,635	\$45,181,763	\$30,781,033	\$4,439,528



**Note:** Incorporates all secured leveraged funding sources.

**CITY OF LOS ANGELES  
INTERDEPARTMENTAL CORRESPONDENCE**

Date: September 28, 2023

To: Measure W: Safe, Clean Water Program Administrative Oversight Committee  
Matthew Szabo, City Administrative Officer  
Sharon Tso, Chief Legislative Analyst  
Ryan Jackson, Office of the Mayor

From: Michael Scaduto, PE, ENV SP, Principal Engineer  
Safe, Clean Water Implementation Division  
LA Sanitation & Environment

*Michael Scaduto*

**Subject: Round 5 (FY 24/25) Safe, Clean Water Community Proposed Project Proposal Evaluation for a Letter of Non-Objection from the City of Los Angeles - Elephant Hill Open Space and Stormwater Infrastructure Feasibility Study by Save Elephant Hill**

**RECOMMENDATIONS**

1. Approve the recommendation by LA Sanitation and Environment (LASAN) for the Measure W: Safe, Clean Water Program Administrative Oversight Committee (AOC) to issue a Letter of Non-Objection to Save Elephant Hill's submission of the Elephant Hill Open Space and Stormwater Infrastructure Feasibility Study to the Safe, Clean Water Regional Technical Resources Program (TRP).
2. Authorize the City Administrative Officer, with the concurrence of the Chief Legislative Analyst and the Mayor's Office and the assistance of LASAN, to draft and issue a Letter of Non-Objection for the Project.

**BACKGROUND**

The Safe, Clean Water Regional TRP application process requires community proposed project applicants, such as Save Elephant Hill, to include a Letter of Non-Objection (Letter) from the municipality in which the project is proposed. The Letter issued by the City of Los Angeles (City) summarizes the identified need for the project, the project's benefits to the City, and emphasizes the future need for detailed operation and maintenance plans.

Save Elephant Hill is requesting a Letter from the City for the Elephant Hill Open Space and Stormwater Infrastructure Feasibility Study (Project) located in El Sereno of the northeast Upper Los Angeles River watershed. Save Elephant Hill (Project Proponent) is a non profit organization advocating for the preservation of open space in northeast Los Angeles.

This application was submitted as part of the Round 5 Regional Safe, Clean Water TRP to the Upper Los Angeles River Watershed Area through the application module on July 31, 2023. The Project Proponent hopes to develop the remaining technical details of the Project using Regional TRP funds and potentially apply for future Regional Infrastructure Program funding in future Safe, Clean Water funding rounds.

In the early 2000's, the 110-acre area was designated as open space as a result of legal proceedings. In addition, the Project Proponent has secured documentation proving the existence of an intermittent spring fed by the permanent presence of groundwater in the nearby

lower valley deposits. These factors will play a significant role in determining the Project's benefits to water quality and water supply.

The Project Proponent has provided a preliminary estimated total construction cost estimate of \$990,000 and proposes to beautify the local open space by developing nature-based stormwater infrastructure such as bioretention, filtration, biofiltration, and rain gardens on the hillside and surrounding streets. Furthermore, the Project aims to provide community benefits by restoring the park space and habitat on the Mountains Recreation & Conservation Authority (MRCA) owned parcels on Elephant Hill. Infrastructure to capture, treat, and retain stormwater will be used to self-irrigate the various nature-based best management practices (BMPs) and aid in the treatment of stormwater pollutants, including bacteria, metals, toxins, and trash.

### **CONSIDERATIONS AND CONCLUSIONS**

LASAN leads City efforts to review requests for letters of support or non-objection for the Safe Clean Water Regional Program. As part of the review process, LASAN coordinated and received feedback from various stakeholders: including the project proponents, watershed coordinators, other City departments, and the City's Safe, Clean Water Program Working Group (Working Group), to make final recommendations for the AOC to consider. In the review of this specific request, and in alignment with the City's Policies and Procedures for Review of Non-City Safe Clean Water Program projects, it was determined that:

- The Project generally aligns with Safe Clean Water Program guidelines and provides potential benefits of water quality, water supply, and community investment benefits.
- The Project has strong community support from various stakeholders.
- The Project will need to establish clear plans for operation and maintenance, permitting and right of way ownerships, detailed cost estimates, and other technical details during the feasibility study development process, if approved for TRP funding.

Therefore, LASAN recommends that the AOC supports a Letter of Non-Objection to Save Elephant Hill's submission of the Project to the Upper Los Angeles River's Safe, Clean Water Regional Round 5 (FY 24/25) Technical Resources Program. LASAN will continue to coordinate with and provide input to the Project Proponent to ensure that the scope continues to support the goals of the City and SCWP both before application and after potential funding is received. This letter should not be interpreted as a letter of support. The City will carefully consider the updated information provided for any potential future funding requests to the Safe, Clean Water Program for project design, construction, and delivery.

### **Attachment 1: Project Summary**

cc: Patty Huber, CAO  
Jacqueline Wagner, CAO  
Jessica Quach, CAO  
Janice Chang Yu, CAO  
Rafael Prieto, CLA  
Blayne Sutton-Wills, CLA  
Barbara Romero, LASAN  
Traci Minamide, LASAN  
Julie Allen, LASAN



## **ATTACHMENT 1: Project Summary**

### **Brief Description**

Elephant Hill is an 110-acre area of undeveloped open space in the eastern limits of the Upper Los Angeles River watershed, and is the site of a potential project applying for Technical Resources Program (TRP) funding. The TRP would assess the feasibility of improving habitat, restoring an underground stream and intermittent spring, and developing opportunities to treat and retain stormwater for onsite water reuse. The project site itself is made up of a mix of City of Los Angeles (City), Mountains Conservation & Recreation Authority (MRCA), and privately owned land that is surrounded by a highly urbanized, residential community. Proposed components for this project include the construction of various stormwater BMPs for potential capture, treatment, and reuse, such as bioswales, water storage tanks, storm drains with inlet filters, and ecological gardens.

### **Surrounding Site Conditions**

- Land Ownership:
  - City-owned: 20 acres
  - MRCA-owned: 8 acres
  - Private residential-owned: 85 acres
- Disadvantaged community areas are located West, East, and South of the project site.
- Frequent illegal off-roading and debris dumping are observed at the location.
- The San Gabriel Valley GW Basin is located southeast of site location (Low water supply priority, not subject to the Sustainable Groundwater Management Act)
- There is evidence of an intermittent underground spring and the presence of longstanding groundwater.

### **Preliminary Hydrology**

- Total Capture Area: 13.21 acres
  - Pervious Area: 9.05 acres (68.5%), Impervious Area: 4.16 acres (31.5%)
- 85th Percentile, 24-Hour Storm rainfall depth: 1”
- Estimated Runoff from 85th Percentile, 24-Hour Storm: 0.75 AF

### **Cost Breakdown**

**Estimated Construction Cost:** \$988,568

**Total Maintenance Cost:** \$362,076

**Total Monitoring Cost:** \$43,219

### **Technical Factors that TRP Feasibility Study Should Consider Before Project Implementation**

- Detailed operations, maintenance, and monitoring plans/agreements
- BMP specifications and hydrologic technical breakdown
- Water supply benefits and mechanism
- Drainage area delineations (2007 study provides delineations via aerial imaging)
- Updated total project cost estimate and total funding request
- Permitting and right-of-way designations

### Right of Way Map

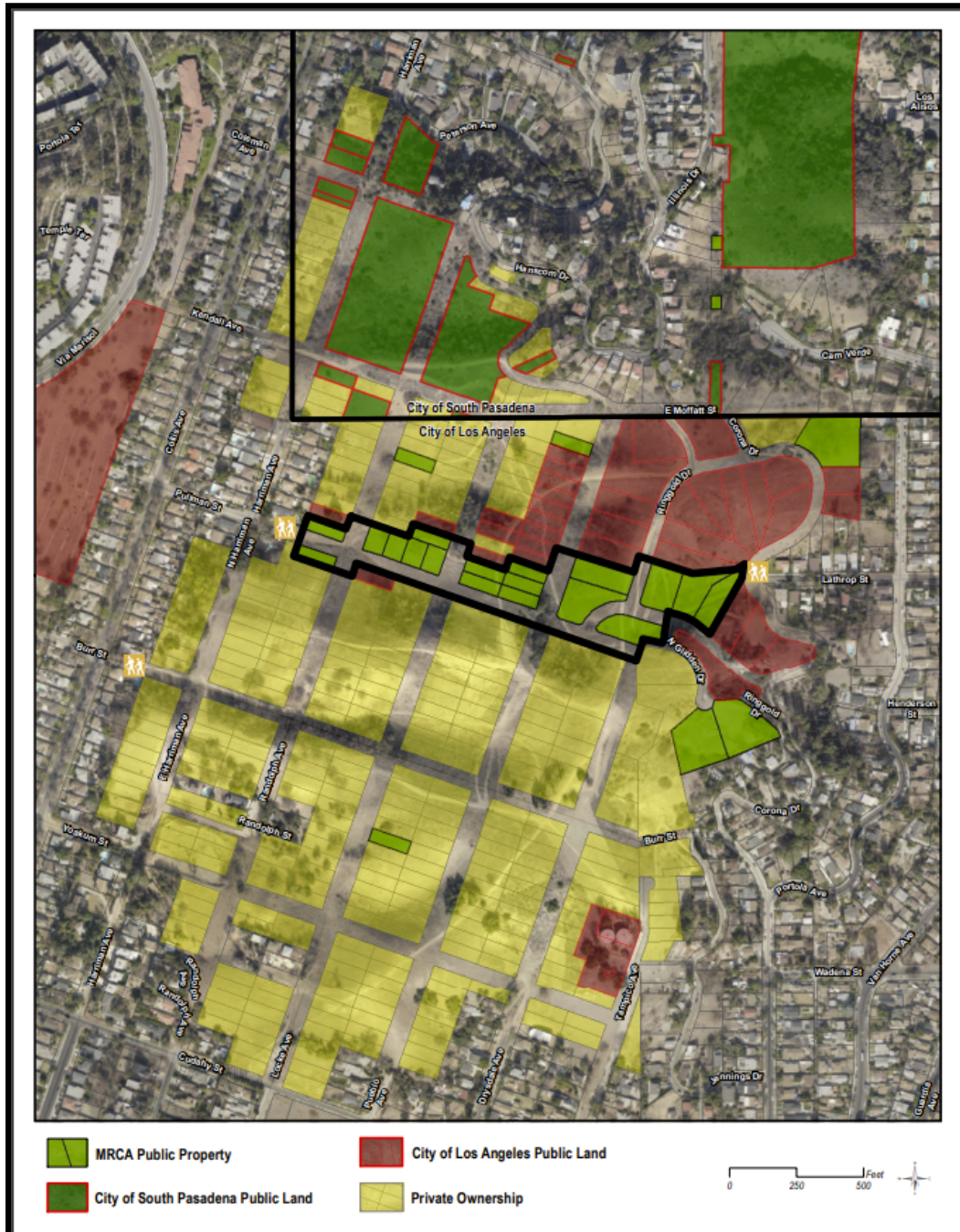


Figure 1: Elephant Hill Right of Way Map