

Safe, Clean Water Program

Central Santa Monica Bay

Watershed Area Steering Committee (WASC)



Meeting Minutes:

Thursday, February 6, 2020
10:00am - 12:00pm
Veterans Memorial Complex – Garden Room,
4117 Overland Avenue, Culver City, CA 90230

Attendees

Committee Members Present:

Susie Santilena* (Los Angeles)
Gloria Walton (SCOPE)
Liz Jones* (LA Waterkeeper)
Charles Herbertson (Culver City)
Josette Descalzo (Beverly Hills)
Katie Mika (LA Bureau of Sanitation)
Bruce Hamamoto* (LA County)

Rita Kampalath (LA County CEO)
Darryl Ford* (LA Recreations & Parks)
Alex Heide* (West Basin)
Neal Shapiro (Santa Monica)
Art Castro* (LADWP)
Cung Nguyen (LACFCD)

Committee Members Not Present:

Ackley Padilla (Los Angeles)
Jeff Camp (Los Angeles)
Jacob Lipa (Lipa Consulting)

*Committee Member Alternate

See attached sign-in sheet for full list of attendees

1. Welcome and Introductions

Charles Herbertson, the Vice Chair of the Central Santa Monica Bay WASC, called the meeting to order.

All committee members made self-introductions, and a quorum was established.

2. Approval of Meeting Minutes from January 23, 2020

The District provided a copy of the meeting minutes from the previous meeting. Charles Herbertson asked the committee members for comments or revisions.

Josette Descalzo made a motion to approve the meeting minutes. Darryl Ford seconded the motion. The Committee voted to approve the meeting minutes from January 23, 2020 (unanimous).

3. Public Comment Period

No public comments were received.

4. Committee Member and District Updates

Kirk Allen provided a summary of the Scoring Committee (SC) progress, the Watershed Coordinators Solicitation Process, and the Stormwater Invest Plan (SIP) development tool.

5. Discussion Items:

a) Ex Parte Communication Disclosures

Safe, Clean Water Program

Central Santa Monica Bay

Watershed Area Steering Committee (WASC)



Alex Heide noted he has been involved in Monteith Park and View Park Green Alley Stormwater Improvements Project.

Susie Santilena, Art Castro, Darryl Ford, and Katie Mika noted they have been participating in the City internal meetings relating to the City's projects.

Josette Descalzo noted he has been involved in the Ballona Creek TMDL Project as part of the EWMP Group.

b) Presentations from the Regional Program Funding Applicants

i) Monteith Park and View Park Green Alley Stormwater Improvements Project (LA County Public Works)

Charles Herbertson inquired if the project received any points for Water Supply Benefits. County clarified that the project is located within confined aquifer and will not be able to reach the usable aquifer, so no point was given.

Liz Jones inquired what the primary DAC benefits are being provided for this project. County clarified that the project will provide public access, passive recreation opportunities, and open space for the surrounding disadvantaged communities.

Gloria Walton inquired if there is an O&M plan and whether the project will utilize consultant services for this maintenance. County clarified that there is an O&M plan but that a decision was not yet made to utilize consultant services. Gloria Walton suggested that County consider local hires as part of this project.

Cung Nguyen disclosed that the District has reviewed the project and provided their conceptual approval for this project.

ii) Ladera Park Stormwater Improvement Project (LA County Public Works)

Neal Shapiro inquired if the project received any points for Water Supply Benefits. County clarified that the project will capture and store water, but that the volume falls below the required threshold for additional points.

Josette Descalzo inquired if receipt of SCW funds will impact Prop 84 funds. County clarified that receiving SCW funds would not impact Prop 84 funds.

Charles Herbertson inquired how the project will utilize captured stormwater. County clarified that the captured stormwater will be used for onsite irrigation.

Susie Santilena noted that the project is in an existing park area that is highly utilized by the community.

Gloria Walton inquired who would be responsible for carrying out the O&M plan. County clarified that LA County Parks and Recreation will be responsible for the above ground improvements and LA County Public Works will be responsible for the underground improvements. County also noted that the County may be seeking consultant services for O&M.

iii) Culver City Mesmer Low Flow Diversion (Culver City)

Safe, Clean Water Program

Central Santa Monica Bay

Watershed Area Steering Committee (WASC)



Gloria Walton inquired why this project should be funded over other **larger priority** projects **for the watershed**. The City noted that when this project is completed, it will provide Water Supply and Water Quality benefits, and that the size and capacity of the sewer connection at this location allows for a lower cost compared to other projects.

iv) Washington Boulevard Stormwater and Urban Runoff Diversion (Culver City)

Art Castro inquired whether the project will include treatment. The City clarified that the project does not include water treatment as water supply would only be used for subsurface irrigation.

Cung Nguyen suggested the City include a request for O&M as part of their resubmission.

Josette Descalzo inquired if the requested funds include City of LA improvements. The City clarified that City of LA improvement costs are not included in the requested funds.

Art Castro inquired about the coordination effort in getting Costco involved in the project.

Liz Jones requested a discussion/detail about native plants. The City noted that more details related to native plants can be shared.

Gloria Walton inquired if there is a labor standard that the City will follow. The City noted that the City will follow the State and grant requirements relating labor standards.

6. Voting Items:

None

7. Discuss Future Meeting Dates/Times

None

8. Items for next agenda

Charles Herbertson recommended adding any remaining presentations.

Katie Mika suggested adding SIP Development for discussion.

Liz Jones suggested adding a DAC Benefits discussion at a future meeting.

9. Adjournment

Charles Herbertson thanked the committee members and public for their time and participation and adjourned the meeting.

Central Santa Monica Bay
Watershed Area Steering Committee Meeting

PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Joseth	Descaizo	City of Beverly Hills	josedcaizo@beverlyhills.org
JAMES	SANDERSON	Visual Communications	jim@sandersonfolio.com
Conor-	Mossavi	LADWP	conor.mossavi@ladwp.com
Jud Warren	Warren	Weston Solutions	robert.warren@westonsolutions.com
ART	CASTRO	LADWP	art.castro@ladwp.com
Kim B	Braun	Culver City	Kim.BRAUN@culvercity.org
CUNG NGUYEN	NGUYEN	LA COUNTY PUBLIC WORKS	CUNGN@PW.LACOUNTY.GOV
Paul	Choy	"	pchoy@ " " "
Yao Kouwouou	Kouwouou	LACFCID	ykwouou@pw.lacounty.gov
Liz	Jones	LA Waterkeeper	ljones@lawaterkeeper.org
Diana	Rodriguez	Cordoba Corporation	diana.rodriquez@Cordobacorp.com
Bruce	Hamamoto	LACDPW	bhamamo@pw.lacounty.gov
Jonathan	Abelson	Stanec	jonathan.oseison@stanec.com
DEREK	NGUYEN	City of Beverly Hills	DNGUYEN@BeverlyHills.org
Rita	Kampalath	LA County	rkampalath@ceo.lacounty.gov

*Signing or completing this form is voluntary for members of the public

February 6, 2020

Central Santa Monica Bay
Watershed Area Steering Committee Meeting

PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Karen	Lee	LAUSD	karen.lee@lausd.net
Charles	Herbertson	Culver City	charles.herbertson@culvercity.org
Susie	Santilena	City of LA	susie.santilena@lacity.org
Gloria	Walton	SCoPE	swalton@scopelaw.com
HANNAH	DEMETRI	WEHO	demetri@weho.org
Kate	Mike	LASAN	
ALEX	HEIDE	WBMWD	alex.heide@wbmwd.org
Darryl	Ford	LA City	darryl.ford@lacity.org
Armando	D'Angelo	LA COUNTY PD	adangelo@puc.lacounty.gov

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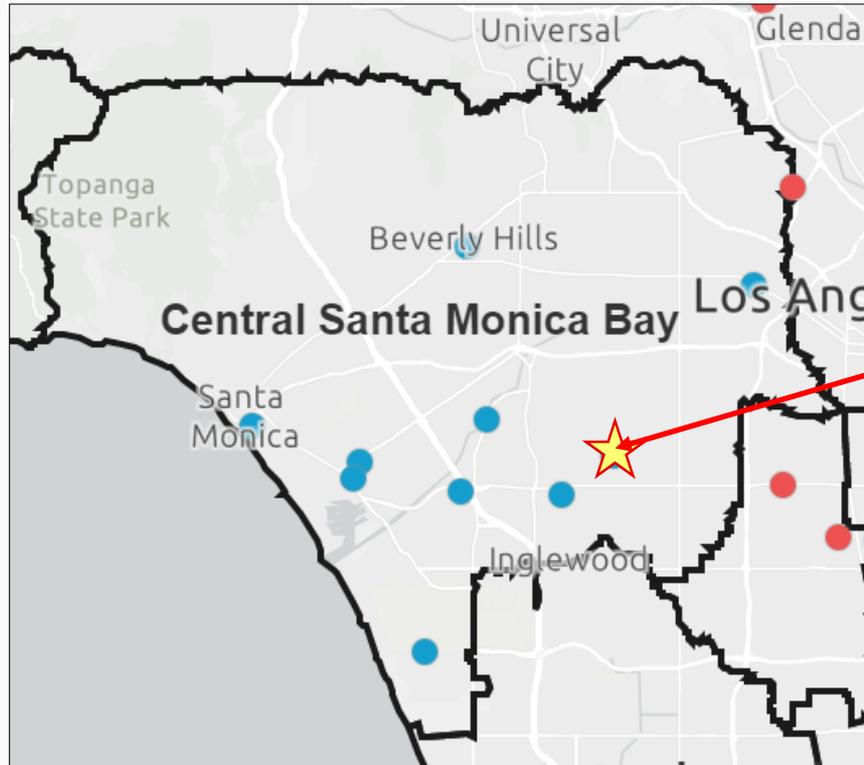
Monteith Park and View Park Green Alley Stormwater Improvements Project

Los Angeles County Public Works
Paul Choy

February 6, 2020

Monteith Park and View Park Green Alley Stormwater Improvements Project

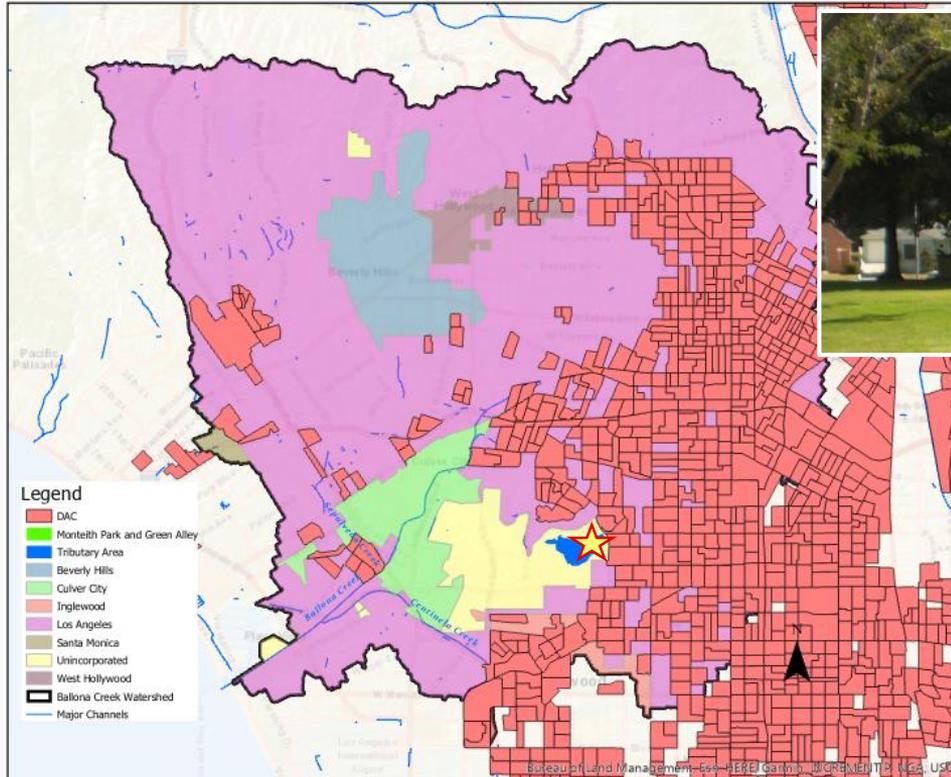
Location



Monteith Park
and View Park
Green Alley

Monteith Park and View Park Green Alley Stormwater Improvements Project

Location



- Ballona Creek Watershed
- Located in the Unincorporated Community of View Park
- 228-acre Tributary Watershed
- Community Factfinder: 0.31 acres of park per 1000 people

Monteith Park and View Park Green Alley Stormwater Improvements Project

Location

Monteith Park:

- 188 acres tributary
- Capacity = 7.6 acre-feet

View Park Green Alley:

- 40 acres tributary
- Capacity = 1.7 acre-feet



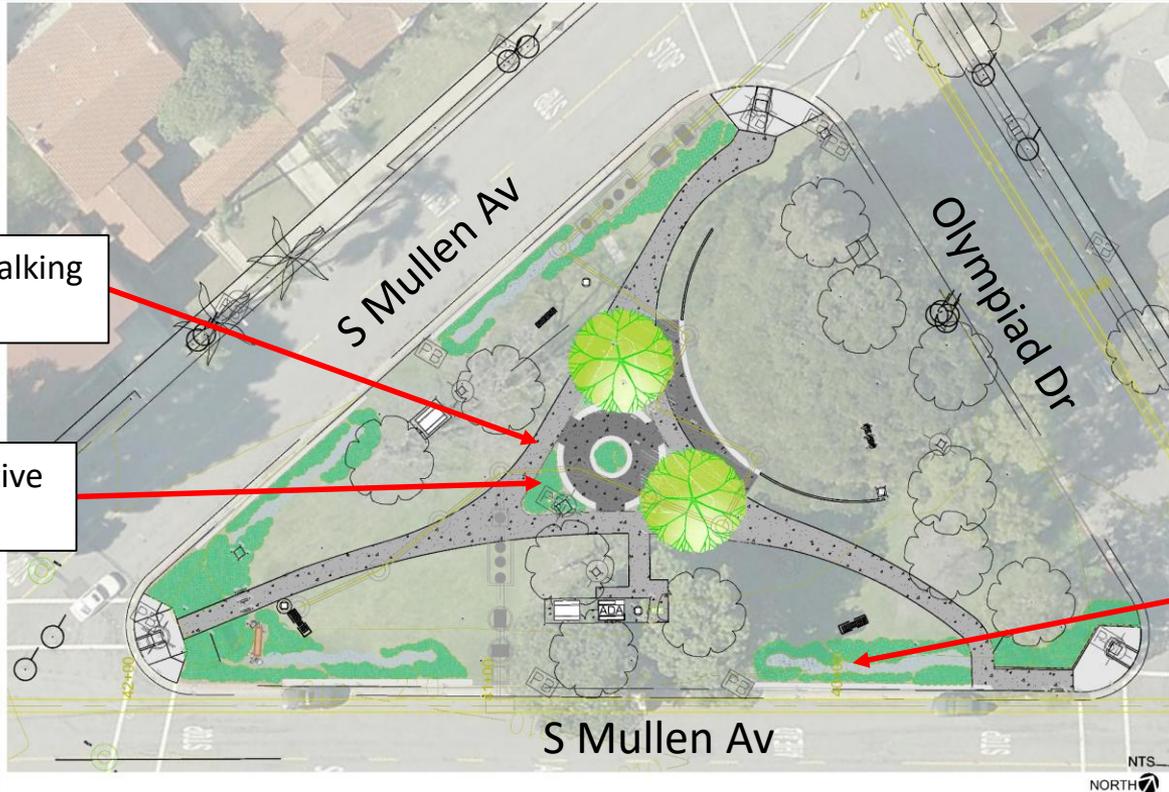
Monteith Park and View Park Green Alley Stormwater Improvements Project

Monteith Park

Porous Concrete Walking Paths

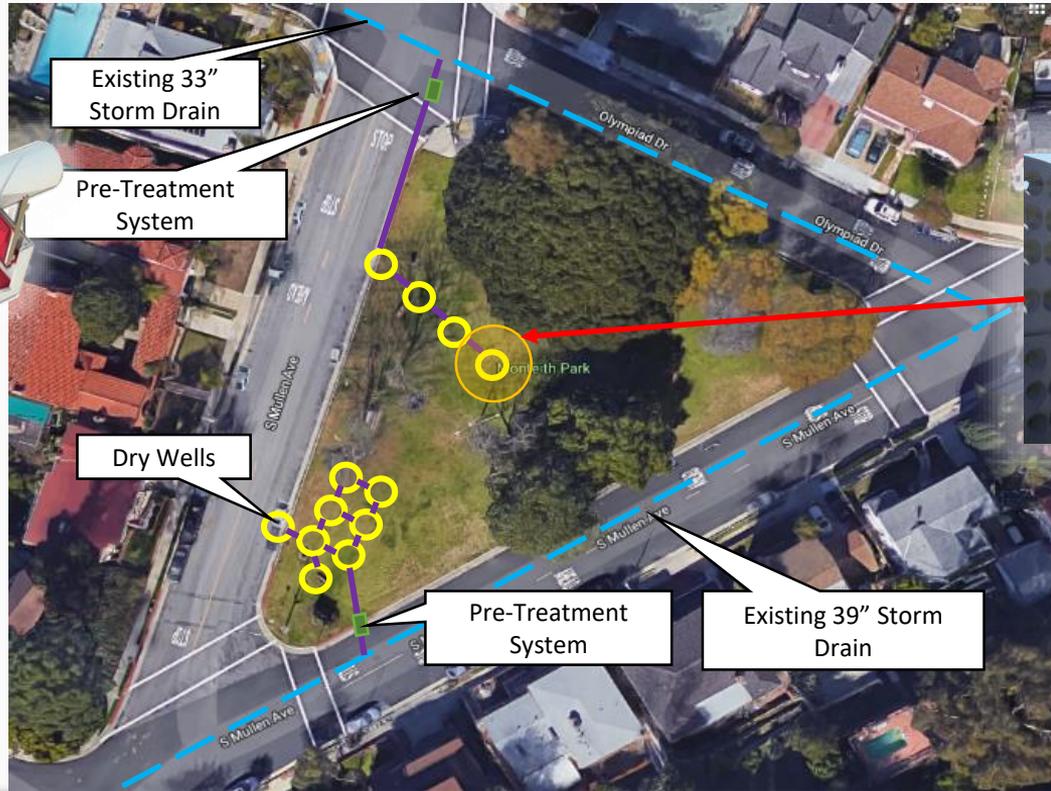
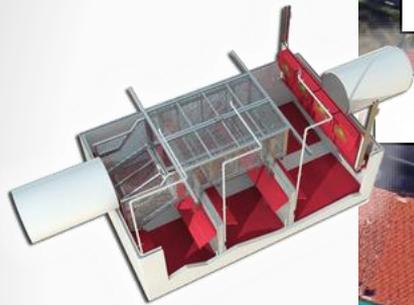
Drought Tolerant, Native Plants

Rock Cobble Bioswales



Monteith Park and View Park Green Alley Stormwater Improvements Project

Monteith Park



Monteith Park and View Park Green Alley Stormwater Improvements Project

View Park Green Alley

Permeable Concrete



Planter Pockets



DAC



Permeable Pavers



Drought Tolerant Plant Material and Bioswales



Dry Wells



Monteith Park and View Park Green Alley Stormwater Improvements Project

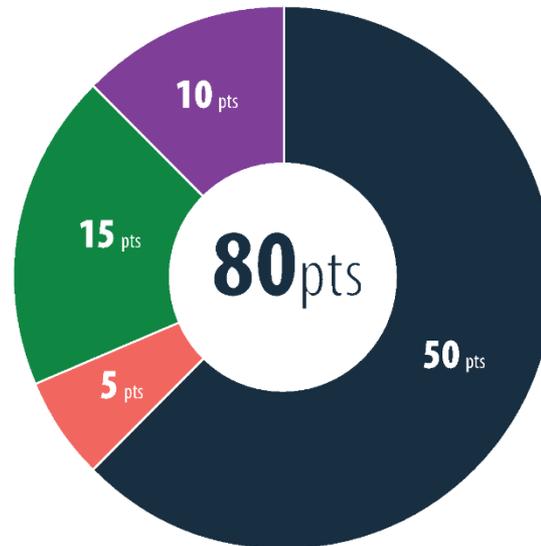
View Park Green Alley



Monteith Park and View Park Green Alley Stormwater Improvements Project

Safe, Clean Water Program Score

- Water Quality
- Community Investment
- Nature-Based Solutions
- Funds and Community

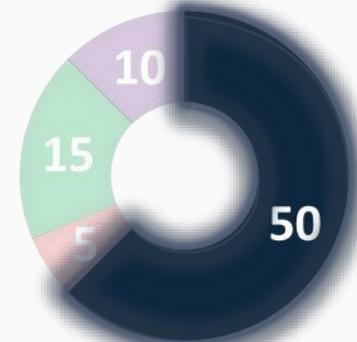


Monteith Park and View Park Green Alley Stormwater Improvements Project

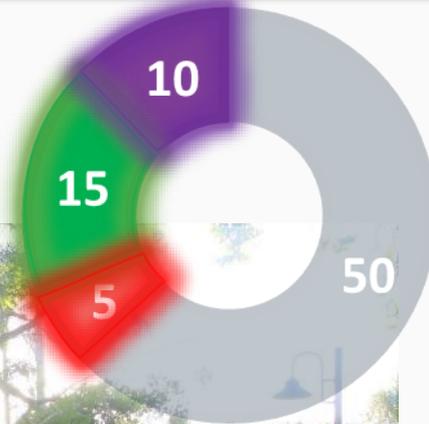


Water Quality

- Stormwater Treatment Capacity: 9.3 Acre-Feet (85th Percentile 24-Hour Storm) combined
- Ballona Creek Metals TMDL
 - 95% Reduction in Zinc
 - 94% Reduction in Lead



Monteith Park and View Park Green Alley Stormwater Improvements Project



Community Investment

- Park and Alley Walking Paths
- Enhance Park Space
 - Enhance Recreational Activities
- Alley Pavers and Vegetation
- Reduce Heat Island Effect
 - Increase Vegetation

Nature Based Solutions

Natural Processes and Materials

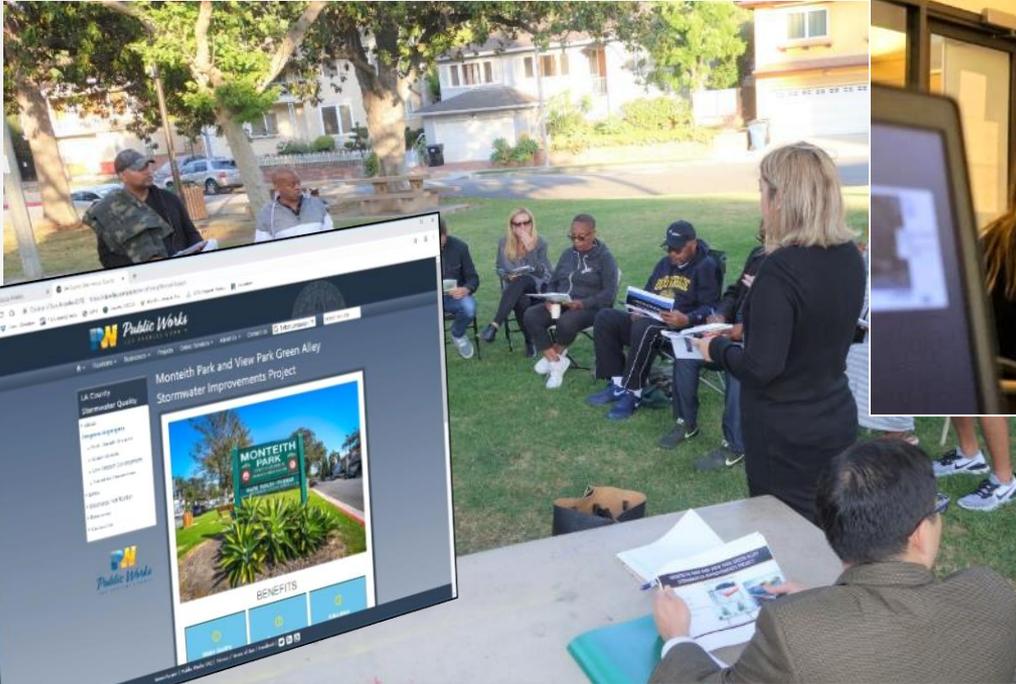
- Bioswales
 - Native Vegetation
- Removed Impermeable Area
- Alley asphalt pavement replaced

Leveraging Funds

- Prop 12 Grant - \$1 million
- LA County General Fund

Monteith Park and View Park Green Alley Stormwater Improvements Project

Public Outreach



- Community Meetings
- Website
 - <https://dpw.lacounty.gov/wmd/stwq/Monteith.aspx>
- Educational Signage

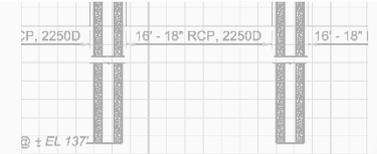
Monteith Park and View Park Green Alley Stormwater Improvements Project

Preliminary Cost Estimate and Schedule:

Currently, In Design

Phase	Cost	Completion
Planning & Design	\$ 1,500,000	Mid 2021
Construction	\$ 7,600,000	Early 2022
Total Project Cost Estimate	\$ 9,100,000	

SCW Request	FY
\$1.40 M	2020-21
\$3.15 M	2021-22
\$4.55 M	



Monteith Park and View Park Green Alley Stormwater Improvements Project



Contact Information:

Paul Choy

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(626) 458-6105



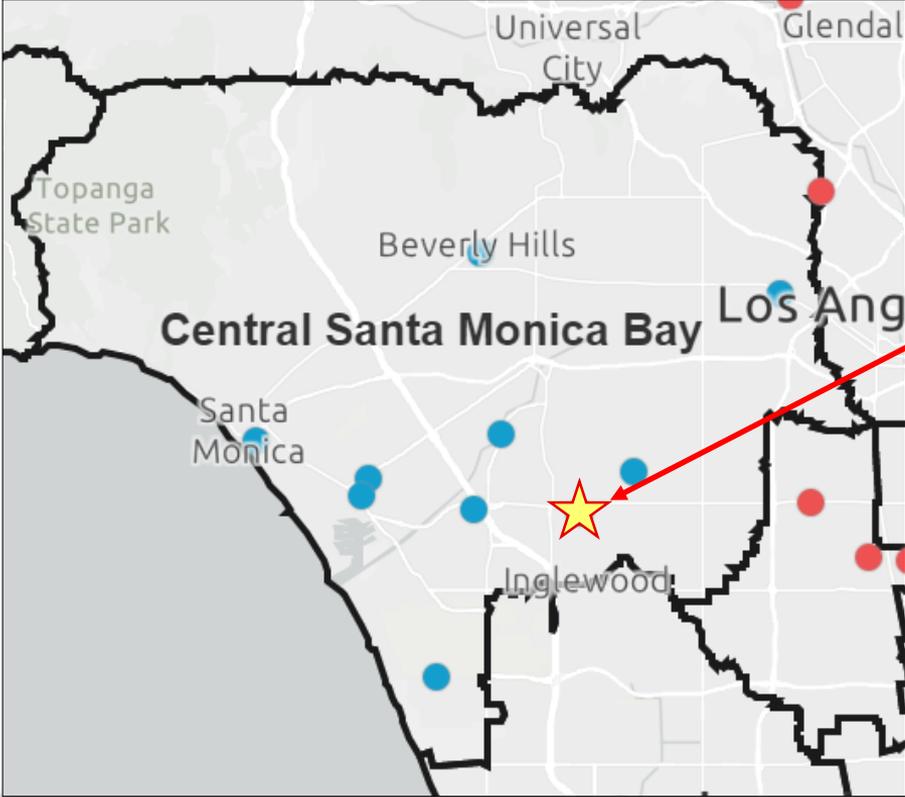
Ladera Park Stormwater Improvements Project

Los Angeles County Public Works
Armando D'Angelo

February 6, 2020

Ladera Park Stormwater Improvements Project

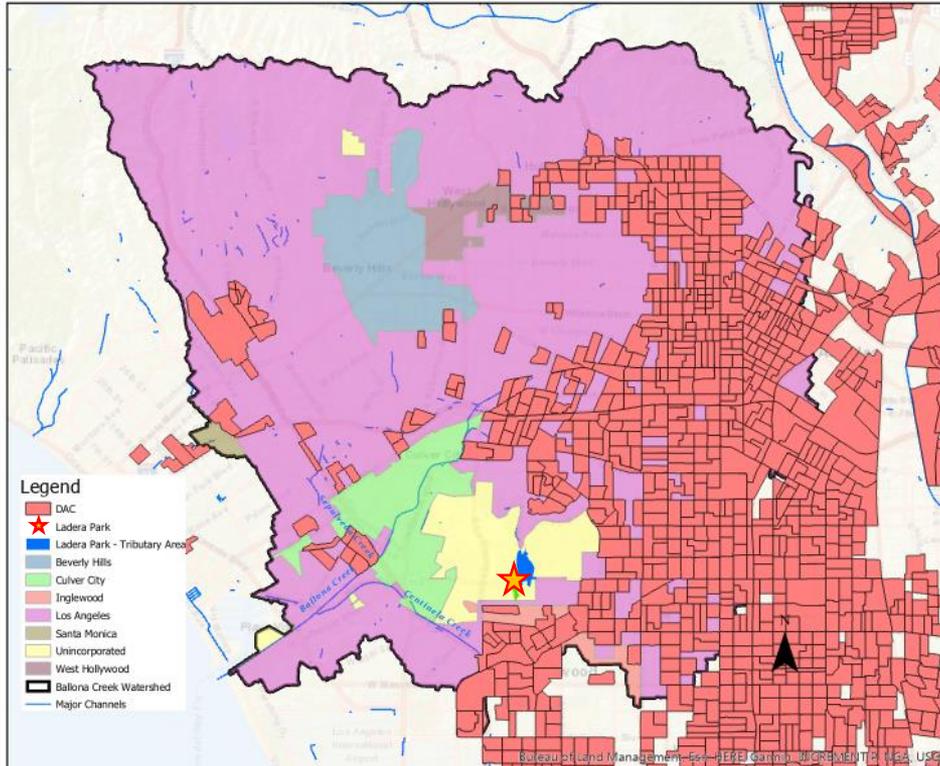
Location



Ladera Park Stormwater Improvements Project

Ladera Park Stormwater Improvements Project

Location



- Ballona Creek Watershed
- Located in the Unincorporated Community of Ladera Heights
- 110-acre Tributary Watershed

Ladera Park Stormwater Improvements Project

Project At A Glance

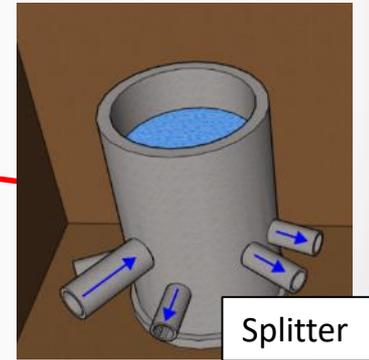
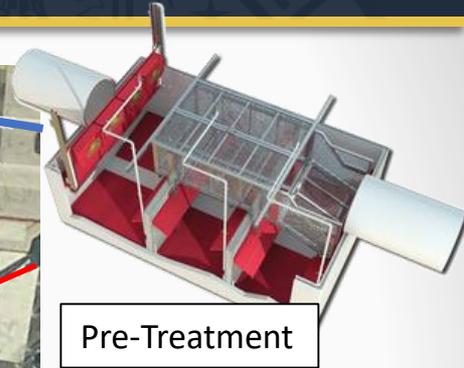
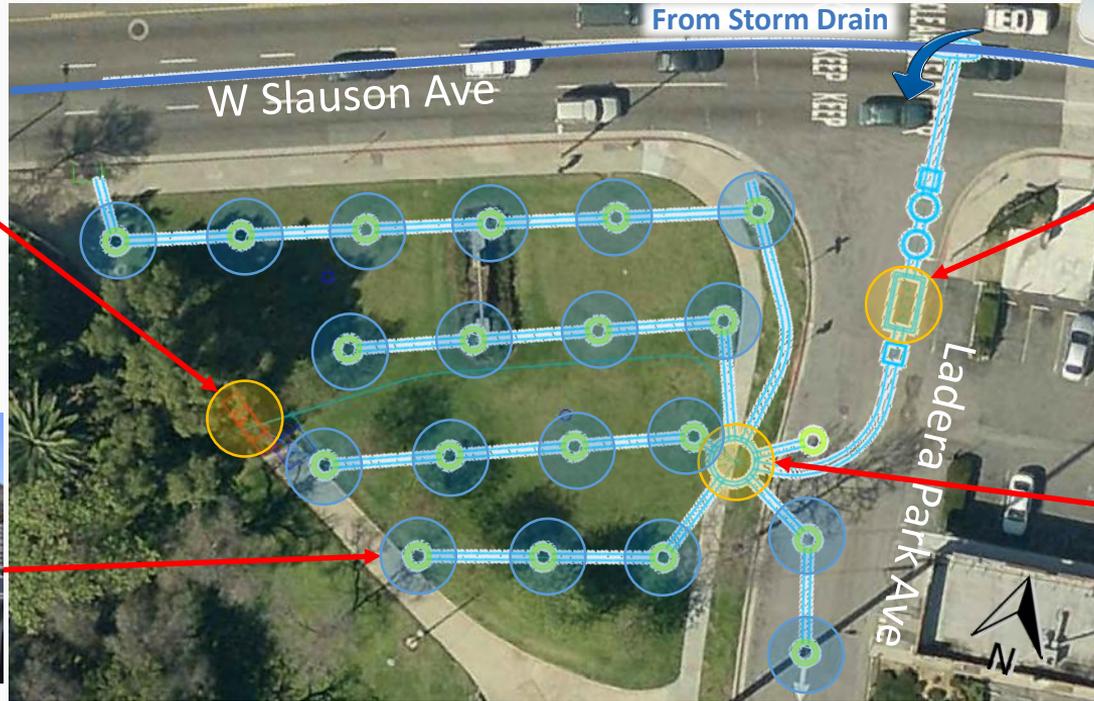


- Community Enhancements
- Environmental Enhancements

- Offset Potable Water Demand
- Improved Water Quality

Ladera Park Stormwater Improvements Project

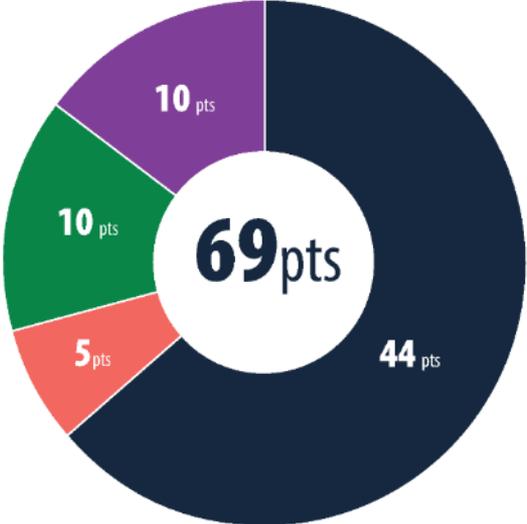
Project Summary



Ladera Park Stormwater Improvements Project

Safe, Clean Water Program Score

- Water Quality
- Water Supply
- Community Investment
- Nature-Based Solutions
- Funds and Community



Ladera Park Stormwater Improvements Project



Water Quality

- Stormwater Treatment Capacity: 5.1 Acre-Feet (85th Percentile 24-Hour Storm)
- Address pollutants such as Bacteria, Metals, Toxics, Sediments, and Trash
- Ballona Creek Metals TMDL
 - 94% Reduction in Zinc
 - 93% Reduction in Lead



Ladera Park Stormwater Improvements Project



Community Investment

Enhance Park Space and Recreation

- Walking Path
- Increase Vegetation
- Demonstration Garden
- Educational Signage
- Covered Seating Area
- Reduced Heat Island Effect

Nature Based Solutions

Natural Processes and Materials

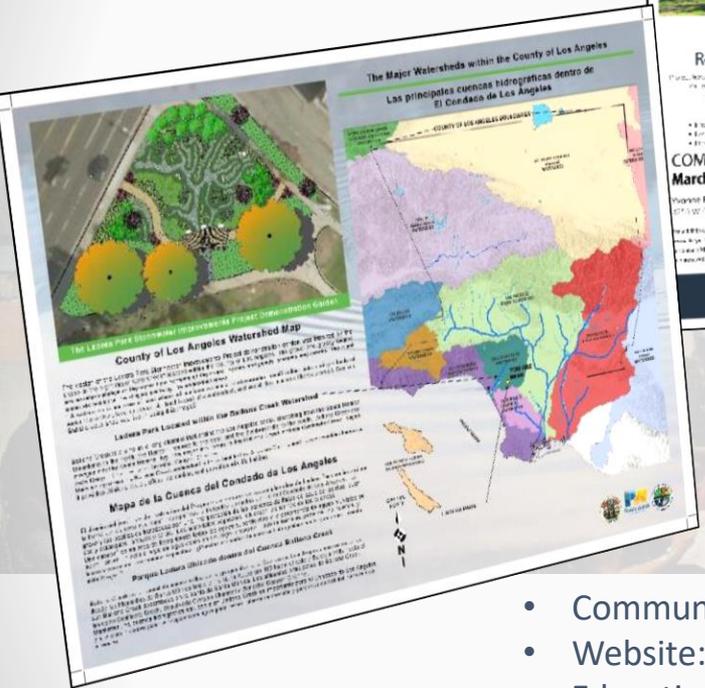
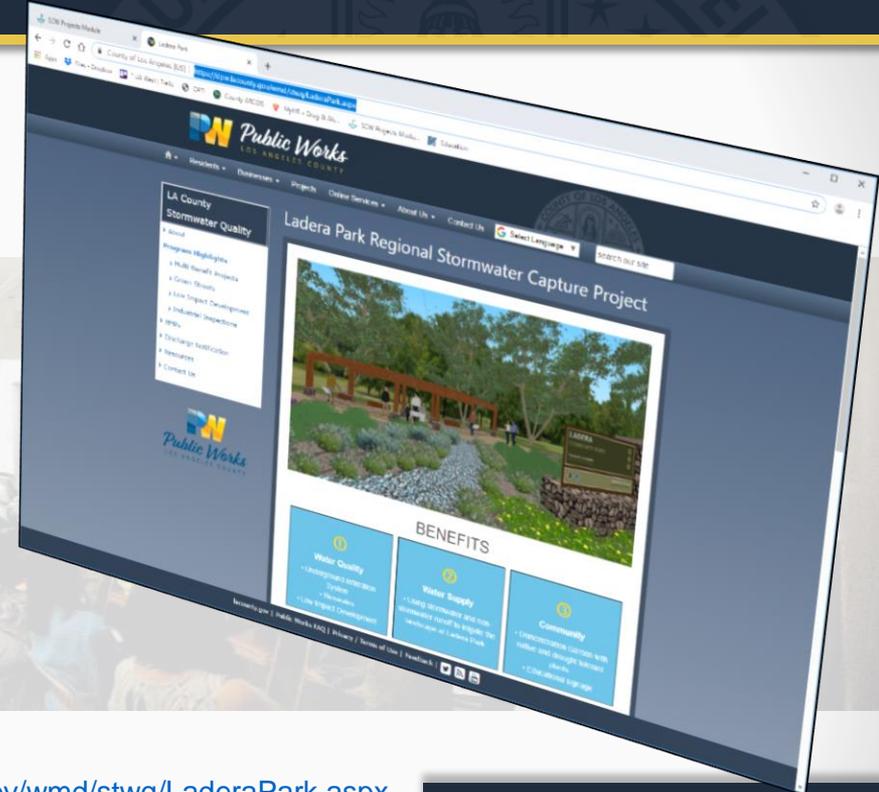
- Bioswales
- Native, Drought Tolerant Landscaping

Leveraging Funds

- Prop 84 Grant - \$3.17 Million
- LA County General Fund

Ladera Park Stormwater Improvements Project

Public Outreach



- Community Meetings
- Website: <https://dpw.lacounty.gov/wmd/stwq/LaderaPark.aspx>
- Educational Signage



Ladera Park Stormwater Improvements Project

Cost Estimate and Schedule:
Currently, In Construction

Phase	Cost	Completion	SCW Request	FY
Planning & Design	\$ 1,480,000	January 2019		
Construction	\$ 5,650,000	April 2020	\$2.0 M	2020-21
Total Project Cost Estimate	\$ 7,130,000		\$2.0 M	

Ladera Park Stormwater Improvements Project



Armando D'Angelo
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(626) 458-4336

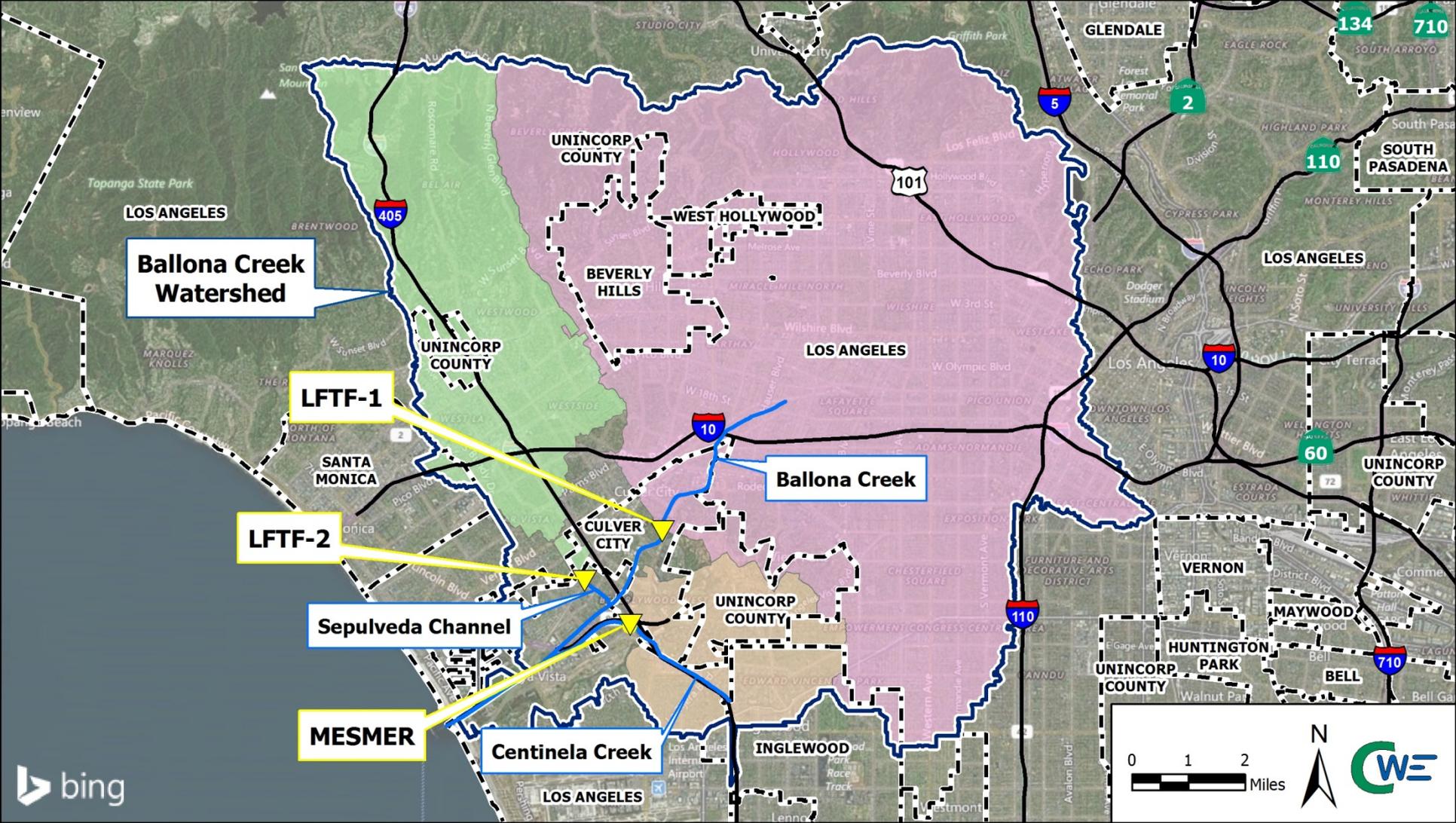
Mesmer Low Flow Diversion Project



Requesting: \$950,000

City Lead: Kim Braun, Culver City
Presented by: Katie Harrel, CWE





Ballona Creek Watershed

LFTF-1

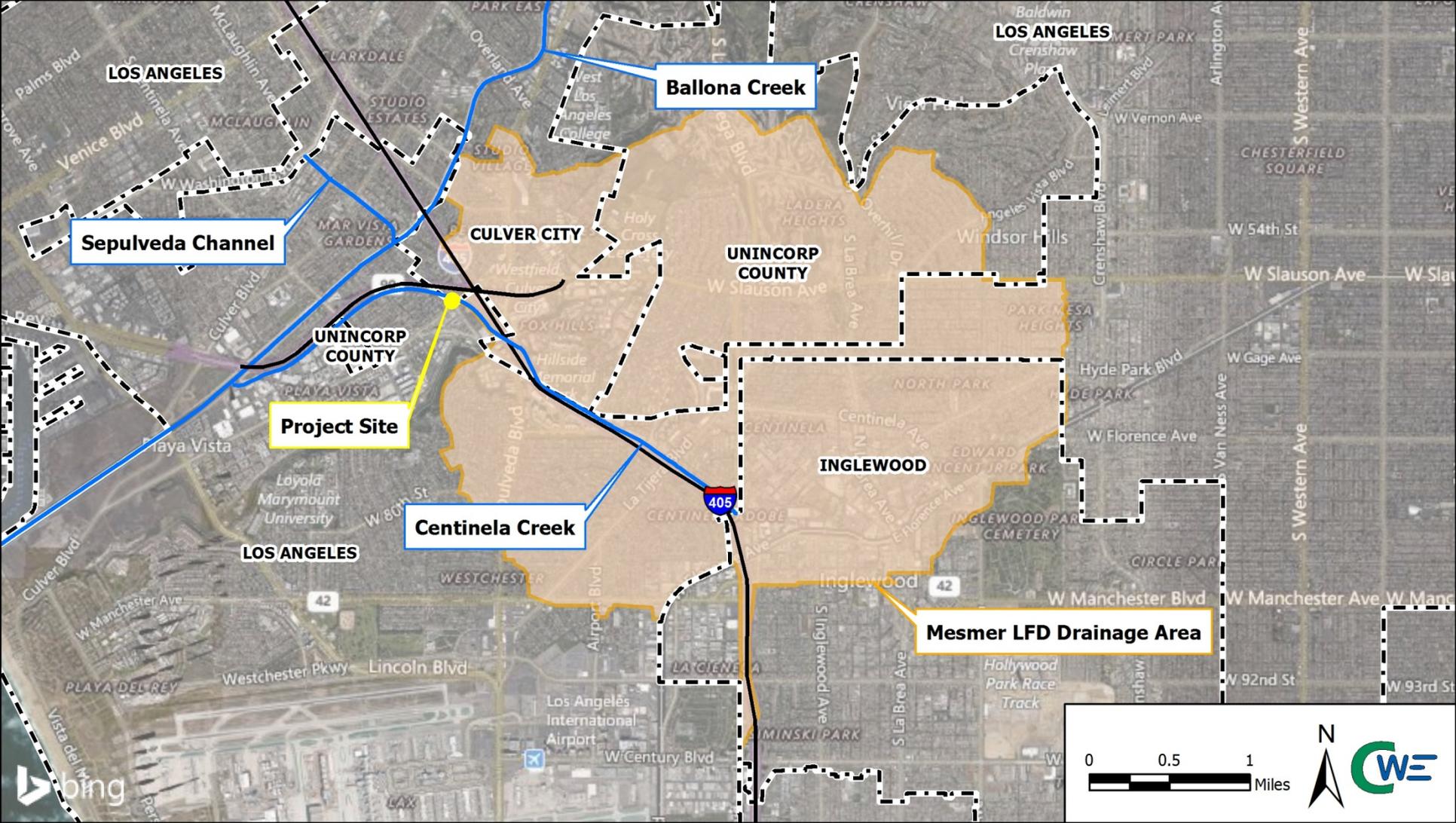
LFTF-2

Sepulveda Channel

MESMER

Centinela Creek

Ballona Creek



LOS ANGELES

Ballona Creek

LOS ANGELES

Sepulveda Channel

CULVER CITY

UNINCORP COUNTY

Project Site

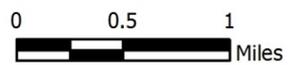
UNINCORP COUNTY

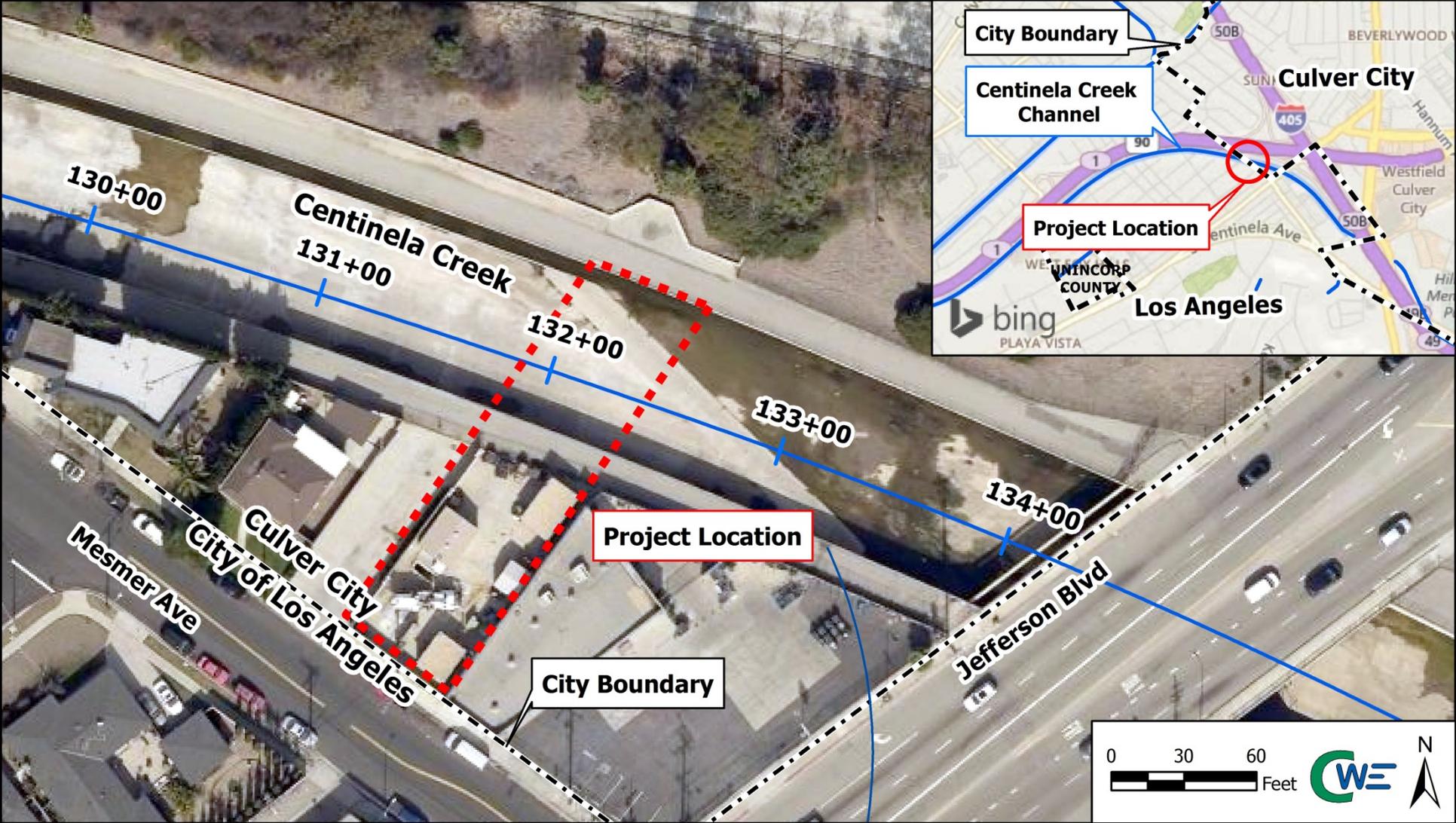
Centinela Creek

LOS ANGELES

INGLEWOOD

Mesmer LFD Drainage Area





130+00

Centinela Creek
131+00

132+00

133+00

134+00

Project Location

City Boundary

Mesmer Ave
City of Los Angeles

Culver City
City of Los Angeles

Jefferson Blvd

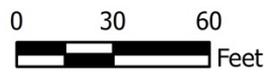
City Boundary

Centinela Creek
Channel

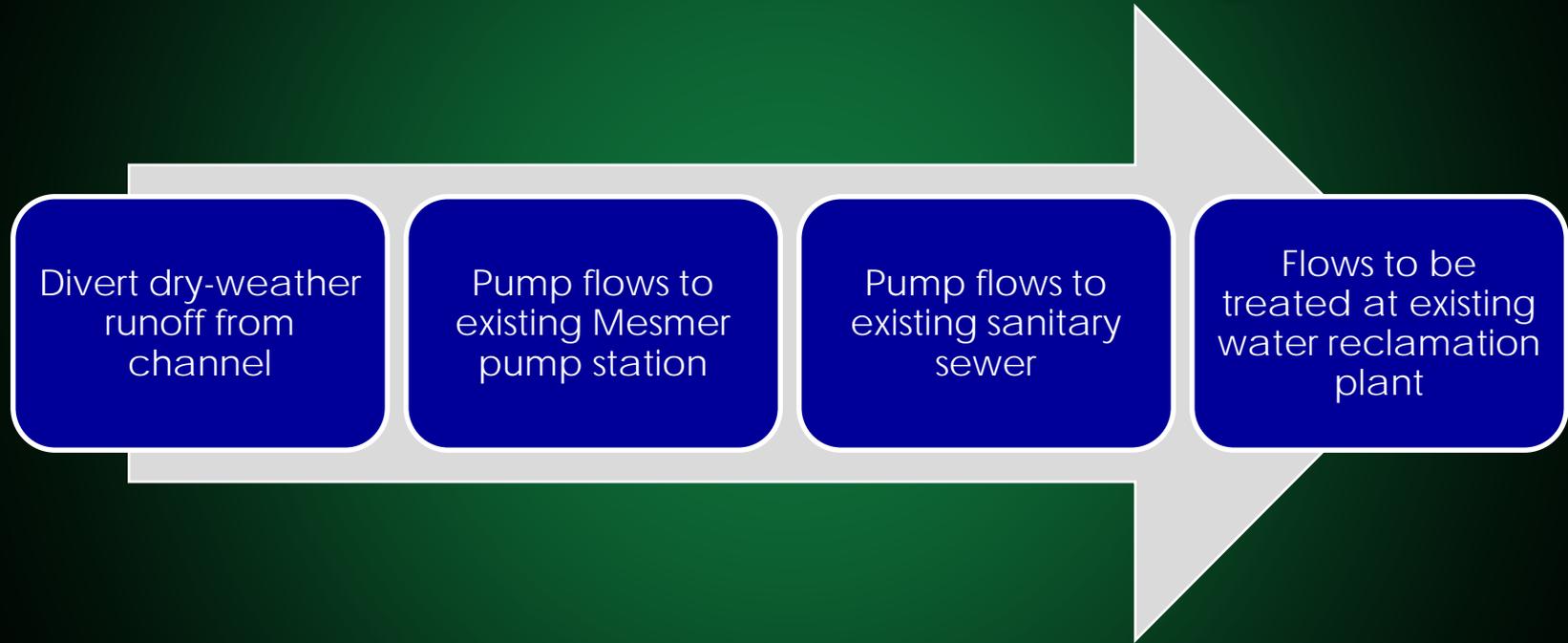
Project Location

Culver City

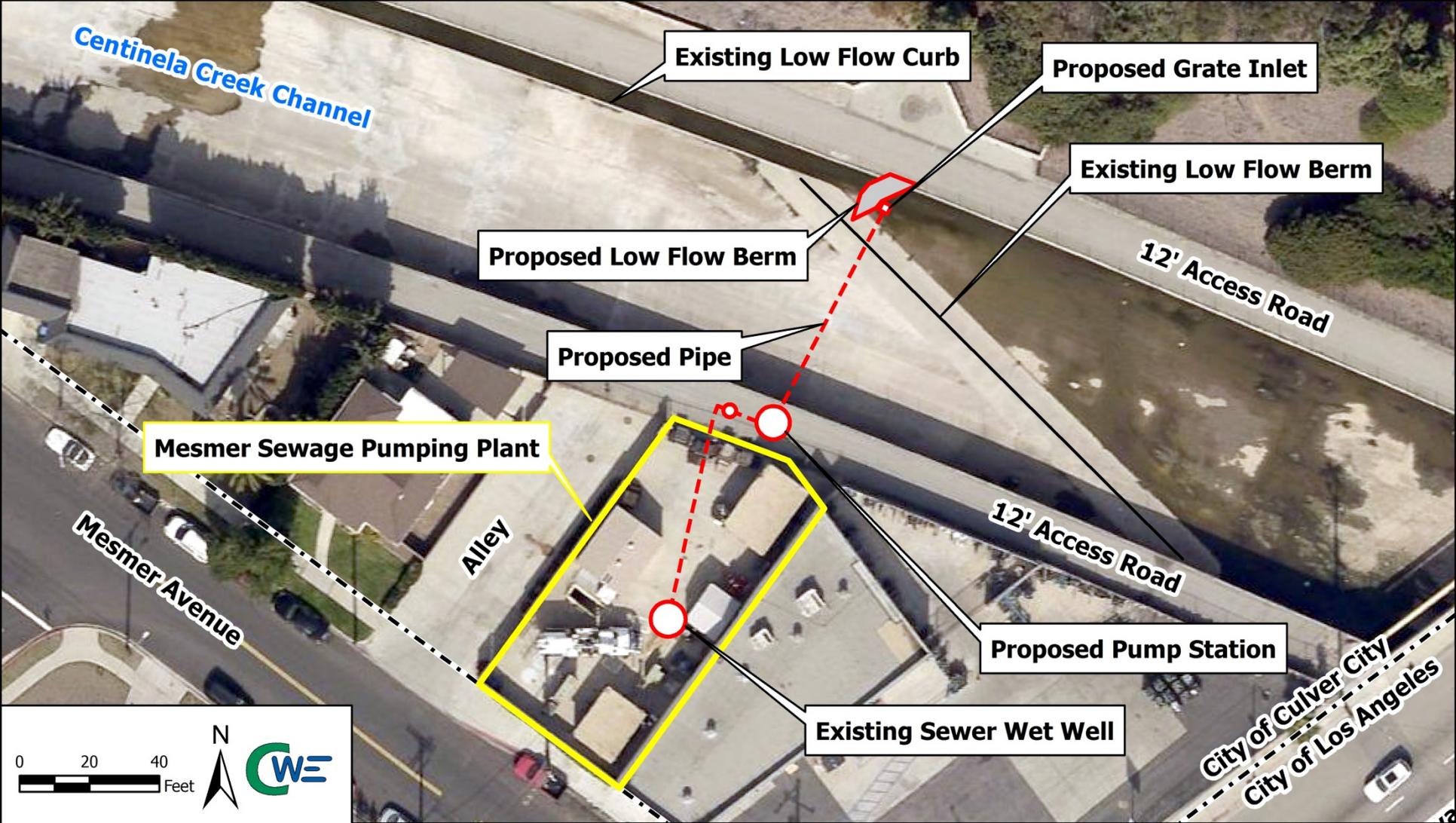
Los Angeles



What is the Project?



System Capacity: 1.55 cfs
Average Inflow: 0.99 cfs



Centinela Creek Channel

Existing Low Flow Curb

Proposed Grate Inlet

Existing Low Flow Berm

Proposed Low Flow Berm

12' Access Road

Proposed Pipe

Mesmer Sewage Pumping Plant

Alley

Mesmer Avenue

12' Access Road

Proposed Pump Station

Existing Sewer Wet Well

City of Culver City
City of Los Angeles

0 20 40 Feet

N

Water Quality

Capture

Goal to capture 100% of dry-weather flows

Capture Area

6,288 acres

Includes Cities of Culver City, Inglewood, and Los Angeles; County of Los Angeles; and LACFCD

Water Supply



39+ million
5-gallon bottles



300
Olympic swimming pools



1.5
Rose Bowls

Annual capture
(600.9 acre-feet/year)



Treated at Hyperion
for beneficial use

Other Benefits



Outreach

Public meetings
throughout CEQA
process



Local Support

Support from
Ballona Creek
Renaissance

Schedule

Milestone	Anticipated Completion Date
Design	June 2020
Permitting	December 2020
Start Construction	May 2021
Complete Construction	September 2021
Start O&M	September 2021

Project Budget

Estimated Project Expenses

Planning and Design	\$250,000
Estimated Construction	\$1,550,000
Total Estimated Project Expenses	\$1,800,000

Annual Cost Breakdown

Annual Maintenance Cost	\$50,400
Annual Operation Cost	\$50,000
Annual Monitoring Cost	\$10,000
Annual Costs (50-year Life Span)	\$110,400
Module Generated Life-Cycle Cost	\$4,448,927
Module Generated Annualized Cost	\$185,419

Project Budget

Estimated Project Expenses		
Funding Source	FY 2020-2021	FY 2021-2022
Safe Clean Water Program Funds	\$237,500	\$712,500
Leveraged Funds	\$150,000	\$450,000

Leveraged Construction Funds	
Proposition 1 IRWM Grant	\$850,000
Total Leveraged Funds	\$850,000
Total Leveraged Funds for Construction	\$600,000

Contact



Kim Braun

Environmental Programs Division Manager

310.253.6421

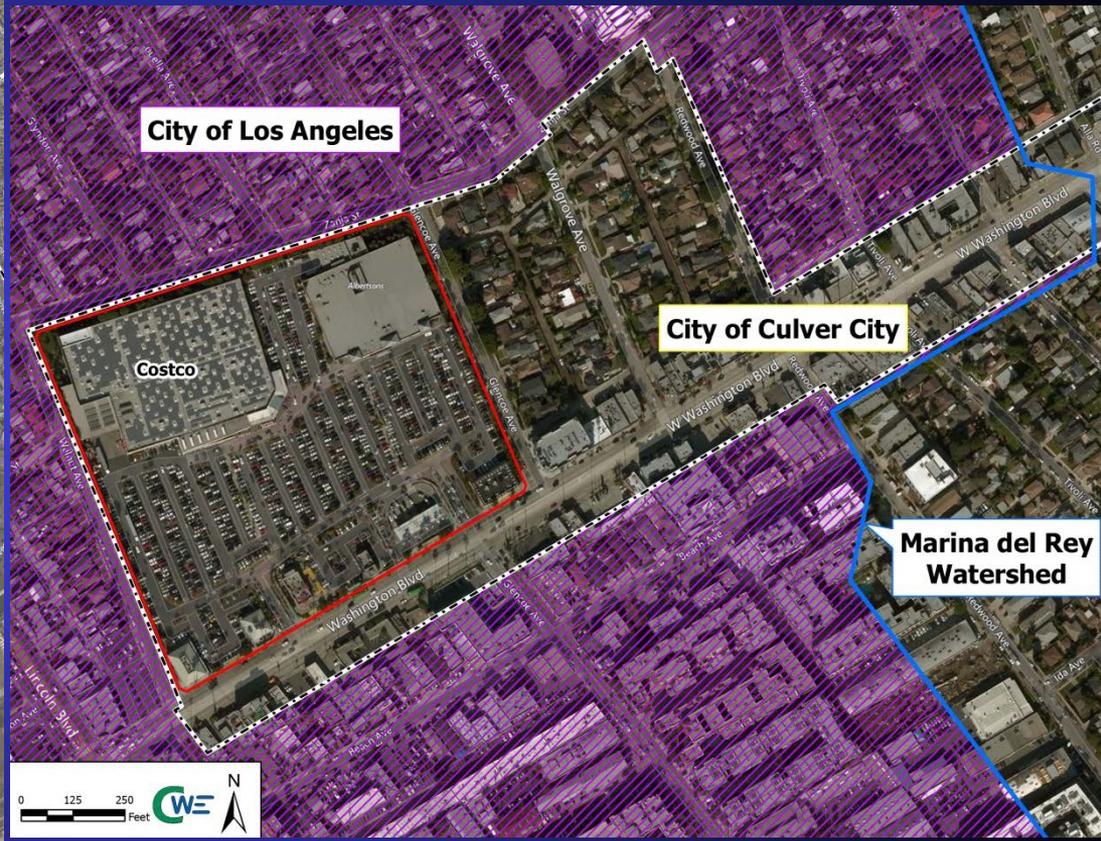
Kim.Braun@culvercity.org

Washington Boulevard Stormwater and Urban Runoff Diversion Project

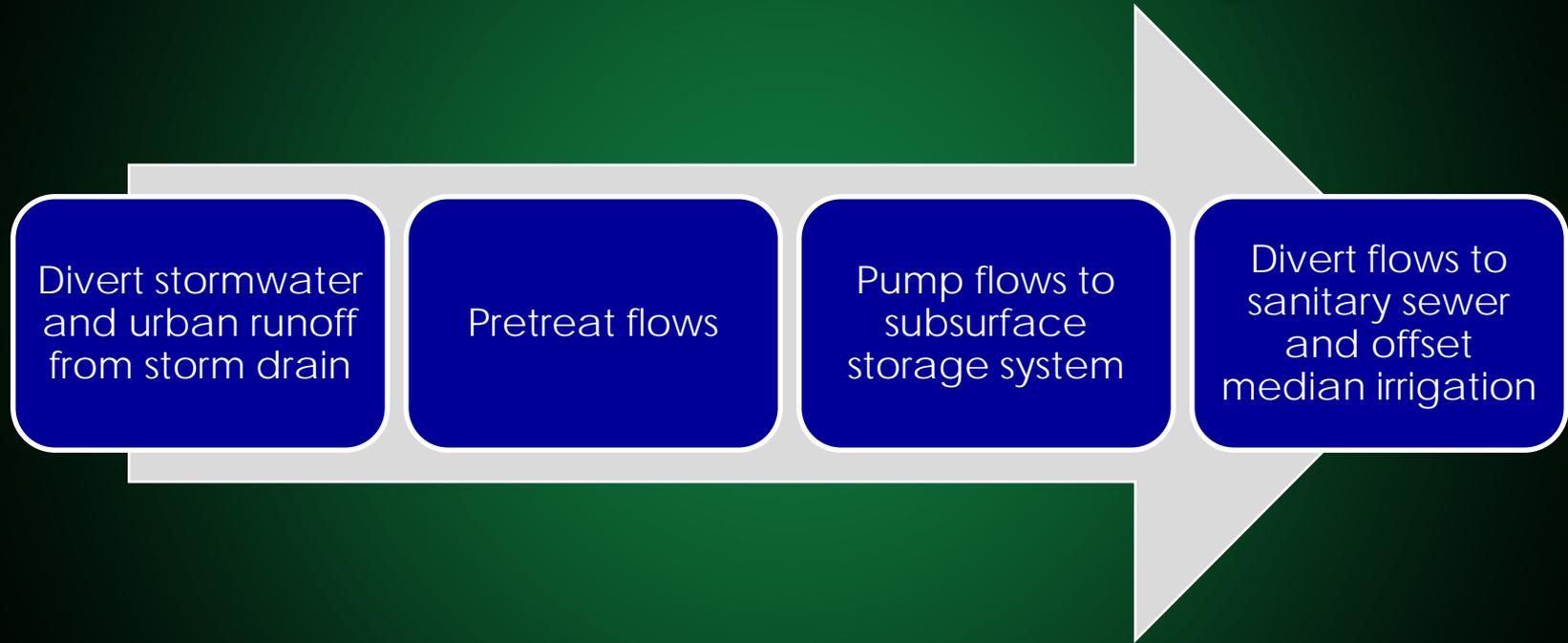
Requesting: \$3,600,000

City Lead: Kim Braun, Culver City
Presented by: Katie Harrel, CWE

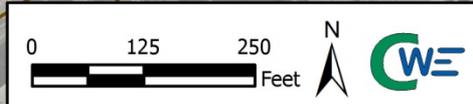
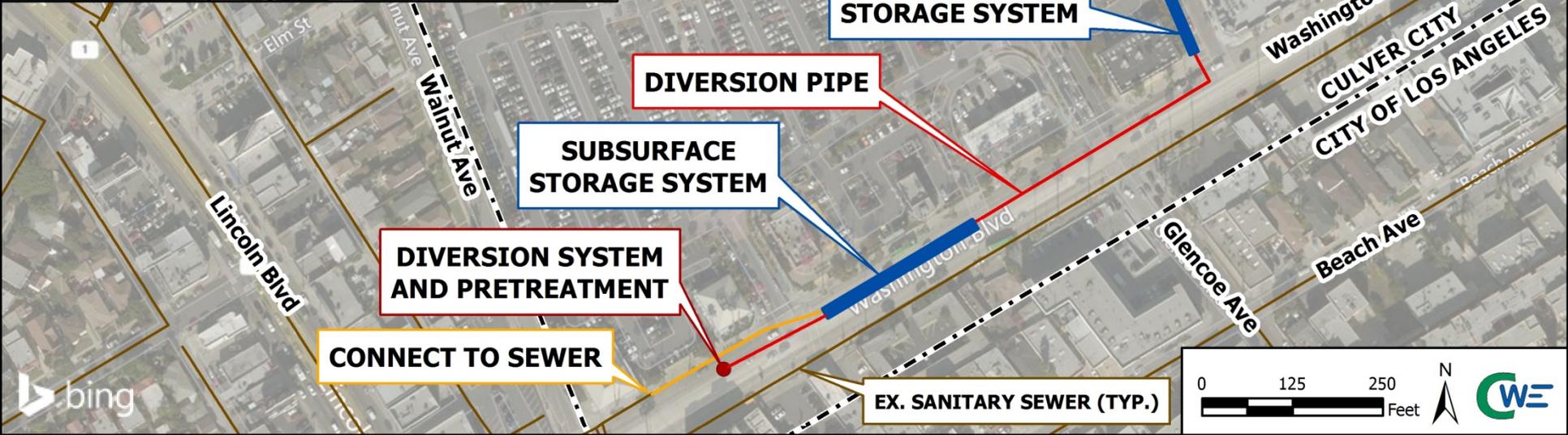




What is the Project?



24-hour capacity: 2.96 acre-feet
Annual capture: 25.9 acre-feet



Water Quality

Capture/Cost

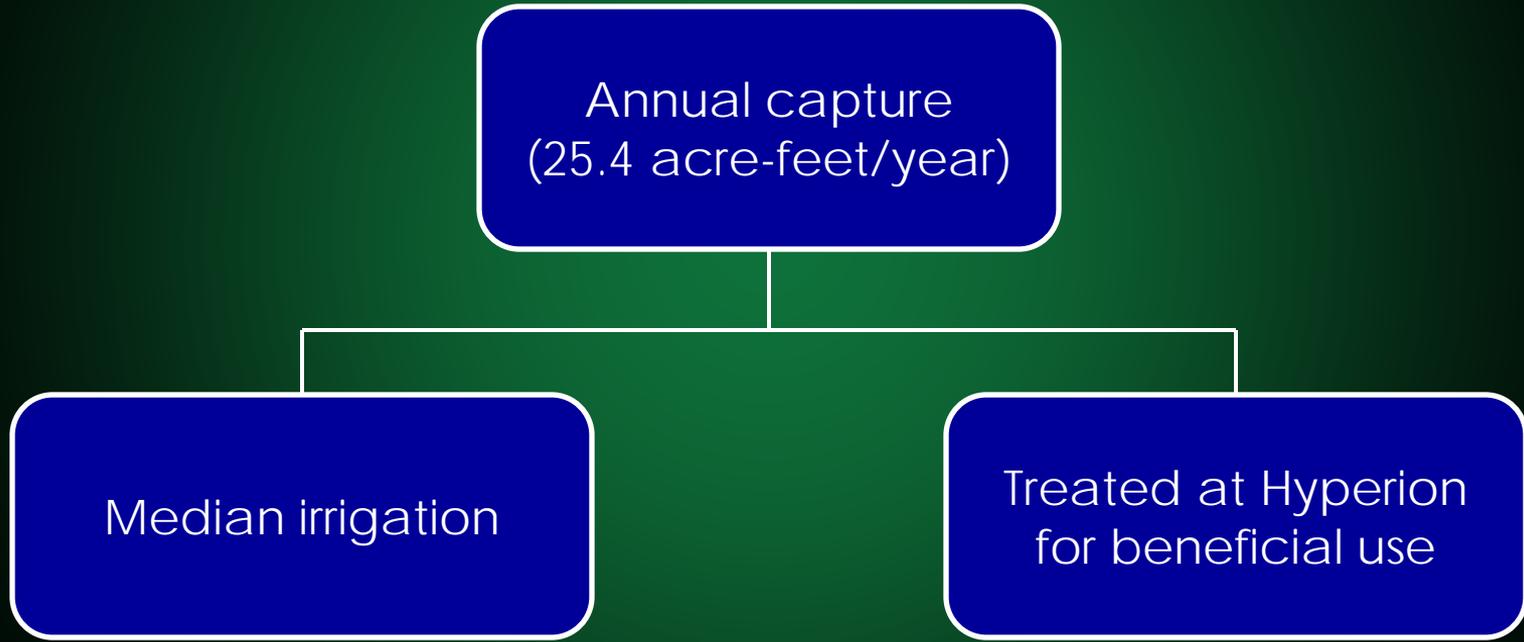
24-hour capacity: 2.96 acre-feet

Cost effectiveness = $2.96 \text{ AF} / \$7.315 \text{ M} = 0.405$

Load Reduction

> 80% load reduction for total lead and total copper
using Method 2 (% load reduction)

Water Supply



Community



Improve flood
management



Reduce heat
island with new
medians

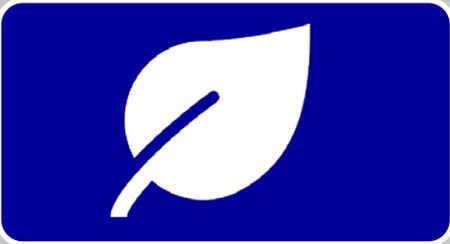


Enhance
recreational
opportunities



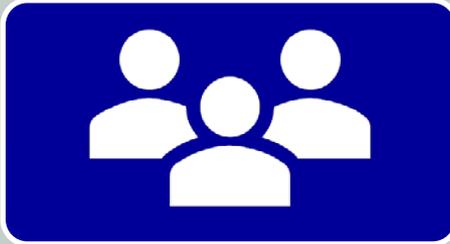
Increase
vegetation with
new medians

Other Benefits



Nature-Based Solutions

Native landscape
(9,000 ft²) on
Glencoe and
medians



Outreach

4 public meetings
Meetings with
businesses and
stakeholders



Local Support

Support from
Heal the Bay
Partnership with
Costco

Schedule

Milestone	Anticipated Completion Date
Permitting	April 2020
Design	May 2020
Award Construction Contract	October 2020
Start Construction	January 2021
Complete Construction	November 2021

Project Budget

Estimated Project Expenses

Planning and Design	\$500,679
Estimated Construction	\$7,315,000
Total Estimated Project Expenses	\$7,815,679

Annual Cost Breakdown

Annual Maintenance Cost	\$63,840
Annual Operation Cost	\$50,000
Annual Monitoring Cost	\$10,000
Annual Costs (50-year Life Span)	\$123,840
Module Generated Life-Cycle Cost	\$10,787,084
Module Generated Annualized Cost	\$449,576

Project Budget

Estimated Project Expenses		
Funding Source	FY 2020-2021	FY 2021-2022
Safe Clean Water Program Funds	\$1,800,000	\$1,800,000
Leveraged Funds	\$1,857,500	\$1,857,500

Leveraged Construction Funds	
Washington Boulevard CIP	\$1,603,000
LA County Open Space & Park Grant Funds	\$767,000
Costco Wholesale Corporation	\$1,345,000
Total Leveraged Funds	\$3,715,000

Contact



Kim Braun

Environmental Programs Division Manager

310.253.6421

Kim.Braun@culvercity.org