

# Safe, Clean Water Program

Rio Hondo

Watershed Area Steering Committee (WASC)



## **Meeting Minutes:**

Wednesday, February 12, 2020

9:00am - 11:00am

City of Monrovia, Monrovia Room

[321 S. Myrtle Ave Monrovia, CA 91016](https://www.monrovia.ca.gov/321_S_Myrtle_Ave_Monrovia_CA_91016)

## **Attendees**

### Committee Members and Alternates:

Mark Lombos (LA County)

Julian Juarez (LA County Flood Control District)

Kelly Gardner (Main San Gabriel Basin)

Kristen Ruffell (Sanitation Districts)

Michael Hurley (Cal Water)

Mark Hall (Greater LA County Vector Control District)

Thomas Wong (San Gabriel Valley Municipal Water District)

Frank Lopez (Monterey Park)

David Dolphin (Alhambra)

Vanessa Hevener (Arcadia)

Sean Singletary (Pasadena)

James Carlson (Sierra Madre)

Gloria Crudgington (Monrovia)

### Committee Members Not Present

Ron Miller (LA/OC Building Trades)

Brent Maue (City of Pasadena Parks and Recreation)

Daniel Rossman (The Wilderness Society)

Tom Love (Upper San Gabriel Valley Municipal Water District)

\*Committee Member Alternate

See attached sign-in sheet for full list of attendees

## **1. Welcome and Introductions**

Mr. Carlson of Sierra Madre, the Chair of the Rio Hondo welcomed all of the members and confirmed a quorum of the committee was present. All committee members made self-introductions.

## **2. Approval of Meeting Minutes from January 29, 2020**

The Los Angeles County Flood Control District (District) provided a copy of the meeting minutes from the previous meeting. Mr. Carlson asked the committee members for comments or revisions.

Ms. Ruffell made a motion to approve the meeting minutes from January 29, 2020. Mr. Lombos seconded the motion. **The committee voted to approve the meeting minutes from January 29, 2020 (unanimous).**

## **3. Committee Member and District Updates**

Mr. Kevin Kim (District) provided a summary of the scoring progress to date by the Scoring Committee (SC), and an update on the Watershed Coordinators and Fund Transfer Agreement.

## **4. Public Comment Period**

No public comment.

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## 5. Voting Items:

None.

## 6. Discussion Items:

### a. **Updated summaries of Infrastructure Program, Technical Resources Program and Scientific Studies Program Project Submittals (RH)**

Mr. Kim provided a summary of the handout Overview of Scored Projects for WASC Consideration and noted the inclusion of the 5-year expenditure projections and the final scores. The District provided a copy of the Scoring Rubric for the projects in the Rio Hondo watershed area, which includes the final score and the Scoring Committee comments for each project. A preview of a planning tool developed by the District to assist in programming the Stormwater Investment Plan (SIP).

### b. **Presentations**

#### i. **Infrastructure Program**

##### **1)East Los Angeles Sustainable Median Stormwater Capture Project (Los Angeles County)**

Presentation by Joe Venzon (LA County Public Works) The proposed East Los Angeles Sustainable Median Stormwater Capture Project, located in a disadvantaged community in the unincorporated County of East Los Angeles, will improve water quality, increase water supply and enhance recreation and the community. The project will also provide above ground improvements such as jogging paths, drought tolerant landscaping, plant over 300 trees, and educational signage.

The committee members asked clarifying questions regarding geotechnical investigations, existing irrigation system, funding for construction, and the inclusion of contingency for the project. Mr. Venzon responded that the project has completed geotechnical studies, project will utilize existing irrigation system, funds provided by SCW would complete funding for construction, and the contingency for the project was included in project costs.

#### ii. **Technical Resources Program**

##### **1)Ranchito Sierra Vista Infiltration Project (City of Monrovia)**

Presentation by Alex Tachiki (City of Monrovia Public Works) The project will install manufactured drywell systems within the city's right of way, which includes trash/debris and sediment settling chambers to reduce urban runoff.

Following the presentation, the committee members asked questions about what services would be provided by the District to bring this concept to feasibility study level. The District's stance is that the Technical Resources Program will conduct the analysis necessary to develop a Feasibility Study and to meet the 19 feasibility study requirements, which may or may not include infiltration analysis, depending on the scope of the project.

#### iii. **Scientific Studies Program**

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## 1)None

### c. **Discussion of Watershed Area Priorities and the Evaluation Process to develop the Stormwater Investment Plan.**

Mr. Mike Antos reviewed the GIS mapping data available online to assist in the discussion of watershed are priorities. The committee discussed issues regarding water rights, projects in high park needs areas, and whether the WASC could provide funding for a portion of a project.

## 7. **Items for next agenda**

Ms. Ruffell suggested a nomination process for project selection should be used and to have a dialog of merits and concerns of the watershed. Mr. Lombos requested each member bring their own questions that would help prioritize the watershed needs.

## 8. **Adjournment**

Mr. Carlson thanked the committee members and public for their time and participation and adjourned the meeting.

# Rio Hondo

## Watershed Area Steering Committee Meeting COMMITTEE MEMBER AND ALTERNATE SIGN-IN






Member Name	Municipality/ Organization	Email Address		Signature
Julian Juarez	FCD	JJUAREZ@dpw.lacounty.gov	P	
Kelly Gardner	Main San Gabriel Basin	kelly@watermaster.org	P	
Brent Maue	City of Pasadena Department of Public Works	Bmaue@cityofpasadena.net	P	
Kristen Ruffell	Sanitation Districts	kruffell@lacsds.org	P	
Tom Love	Upper San Gabriel District	tom@usgvmwd.org	P	
Thomas Wong	San Gabriel Valley MWD Division 3	thomaswong05@gmail.com	P	
Michael Hurley	Cal Water	mhurley00@gmail.com	P	
Ron Miller	LA/OC Building Trades	rmiller@laocbuildintrades.org	P	
Daniel Rossman	The Wilderness Society	daniel_rossman@twsw.org	P	
Mark Hall	Vector Control	mhall@glacvcd.org	P	
David Dolpin	Alhambra	ddolphin@cityofalhambra.org	P	
Vanessa Hevener	Arcadia	vhevener@ArcadiaCA.gov	P	
Mark Lombos	Los Angeles County	MLOMBOS@dpw.lacounty.gov	P	
Gloria Crudgington	Monrovia	gcrudgington@ci.monrovia.ca.us	P	
Frank Lopez	Monterey Park	flopez@montereypark.ca.gov	P	
Sean Singletary	Pasadena	ssingletary@cityofpasadena.net	P	

# Rio Hondo

## Watershed Area Steering Committee Meeting

### COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
James Carlson	Sierra Madre	jcarlson@cityofsierramadre.com	P	
Carolina Hernandez	FCD	CHERNANDEZ@dpw.lacounty.gov	A	
Tony Zampielo	Main San Gabriel Basin Watermaster	tony@watermaster.org	A	
Martha Tremblay	Sanitation Districts	mtremblay@lacs.org	A	
Robert Tock	Upper San Gabriel District		A	
Bryan Matsumoto	Nature for All	bryan@lanatureforall.org	A	
Liliana Griego	Friends of the Los Angeles River	liliana@folar.org	A	
Mark Daniel	Vector Control	mdaniel@glacvcd.org	A	
Eddie Chan	Arcadia	echan2@ArcadiaCA.gov	A	
Latoya Waters	Alhambra	lwaters@cityofalhambra.org	A	
Fernando Villaluna	Los Angeles County	FVILLALUNA@dpw.lacounty.gov	A	
Sean Sullivan	Monrovia	ssullivan@ci.monrovia.ca.us	A	
Mark A. McAvoy	Monterey Park	mmcavoy@MontereyPark.ca.gov	A	
Kris Markarian	Pasadena	kmarkarian@cityofpasadena.net	A	
Chris Cimino	Sierra Madre	CCimino@cityofsierramadre.com	A	

# Rio Hondo

## Watershed Area Steering Committee Meeting

### PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
HUGO	GARCIA	JLHA	HGARCIA@JLHA.NET
Daniel Livesey		I.E.C	inlandengineer@gmail.com
Jud	Warren	WESTON	vobent.warren@westonsolutions.com
Mackenzie	Demann	LA County Public Works	mdemann@pw.lacounty.gov
Thuan	Nguyen	"	
Ashlie Valenzuela	Valenzuela	City of Monte Bello	avalenzuela@cityofmontebello.com
OLIVER <del>GARCIA</del>	GALANG	CRATFINDER	oliver.galang@cratfinder.com
JOSEPH	VENZON	LA COUNTY	
EDDIE <del>CHAN</del>	CHAN	ARCADIA	CCHAN2@ARCADIA.CA.GOV
ALNSHA	CHAN	TETRA TECH.	ALNSHA.CHAN@TETRA TECH.COM
JOSHUA	FELTON	LA COUNTY PD	

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

February 12, 2020

# Rio Hondo Watershed Area Steering Committee – Ranchito/Sierra Vista Infiltration Project

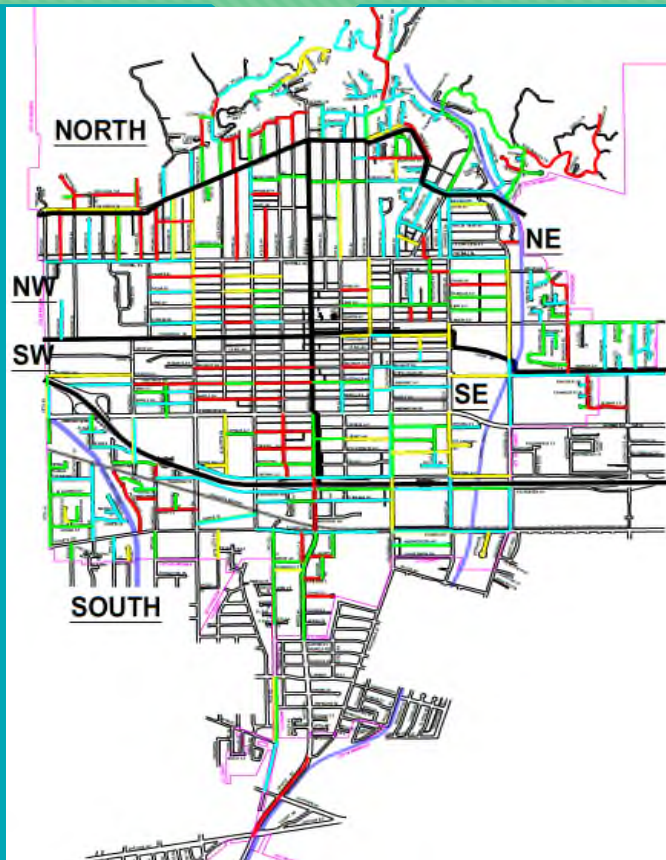
February 11, 2020



# Ranchito/Sierra Vista Infiltration Project

- Project Lead and Presenter: City of Monrovia, Alex Tachiki, Administrative Officer
- Total Funding Requested: \$300,000 based on estimates from other Technical Resources Program applications

# Monrovia Renewal



- Estimated \$51.7 million in various priority infrastructure improvements including curb, gutter, sidewalk, water, sewer and street repairs
- This project started in 2016 and is still underway (anticipated completion end of 2020)

# rWMP



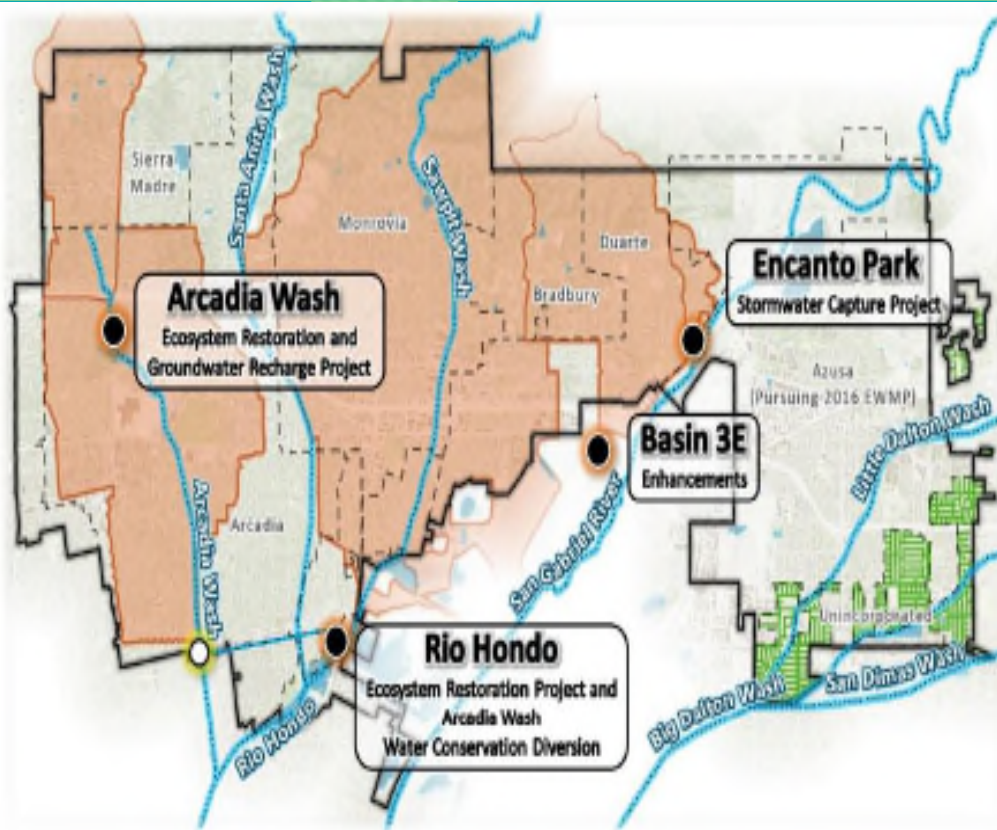
## Rio Hondo/San Gabriel River Revised Enhanced Watershed Management Program

Presented to: Los Angeles Regional Water Quality Control Board | Presented by: Rio Hondo/San Gabriel River Water Quality Group | December 17, 2018



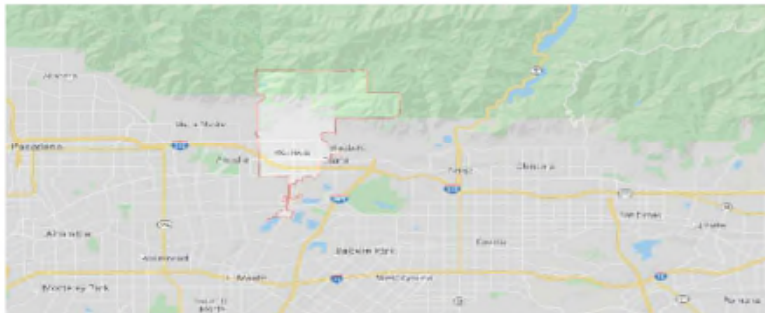
- Unanimously approved by Regional Board staff on March 14, 2019
- Estimated reduction in overall costs by 80-90%
- Original EWMP cost was \$1.4 Billion!

# Technical Resources Program

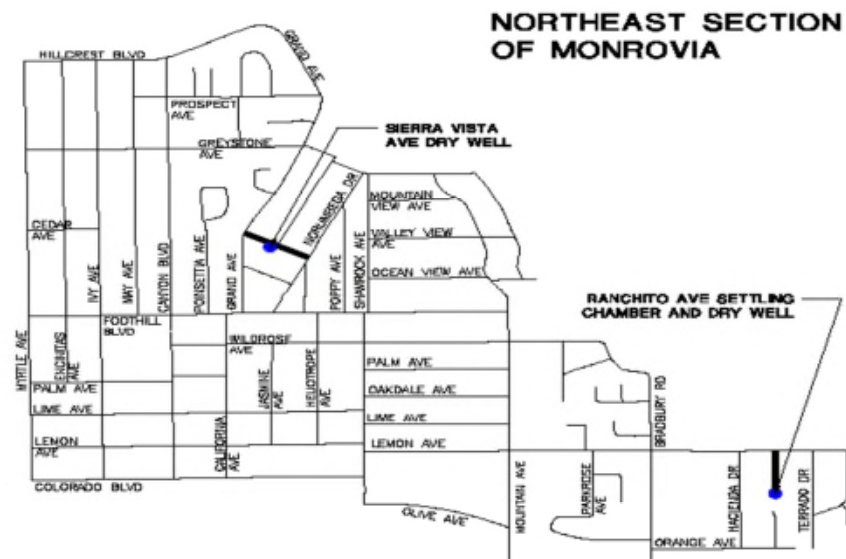


- Vector Minimization Plan
- O&M Plan Development
- Monrovia has committed to the rWMP regional projects, but part of the plan included distributed BMPs if needed

# Project Location:

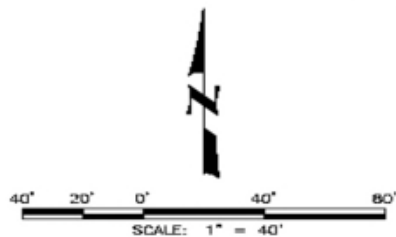
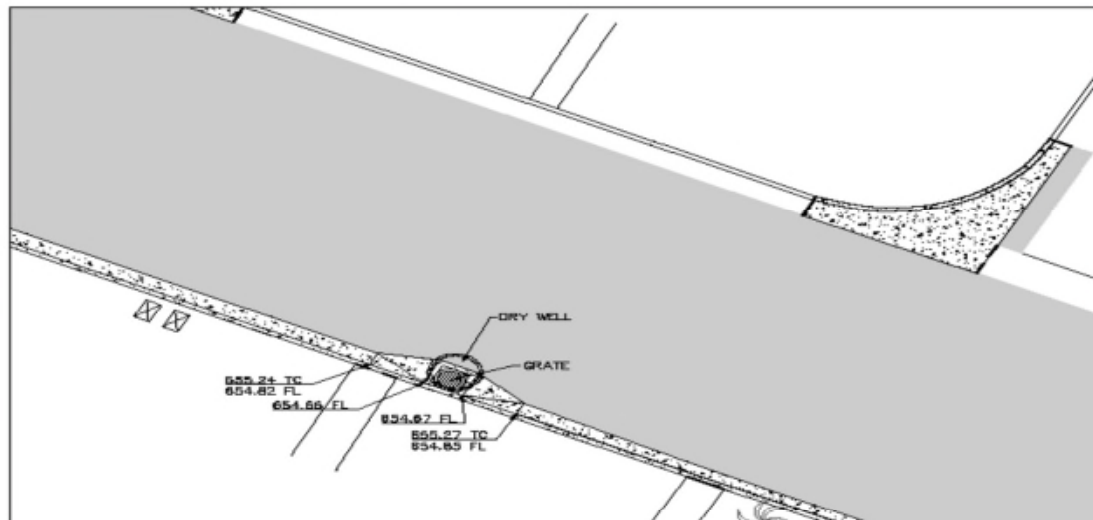


**CITY LOCATION MAP**



 <p>25521 HEBBARD RD APRIL VALLEY, CALIFORNIA 95327 (916) 345-8000 (916) 345-1400 FAX</p> <p>1000 CANAYA RD APRIL VALLEY, CALIFORNIA 95327 (916) 345-8000 (916) 345-0810 FAX</p>	<b>SIERRA VISTA AVE AND RANCHITO RD DRY WELLS</b>		DESIGN BY: LJ DATE: 12/13/19
	<b>VICINITY MAP</b>		JOB NO. 3364.DWG
	FOR CITY OF MONROVIA DEPARTMENT OF PUBLIC WORKS		SHEET 1 OF 1

# Ranchito Drywell location

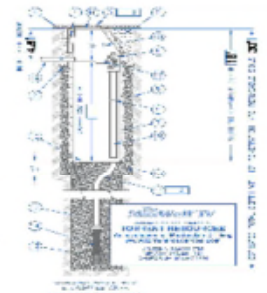


## MAXWELL® IV DRAINAGE SYSTEM DETAIL AND SPECIFICATIONS

### ITEM NUMBERS

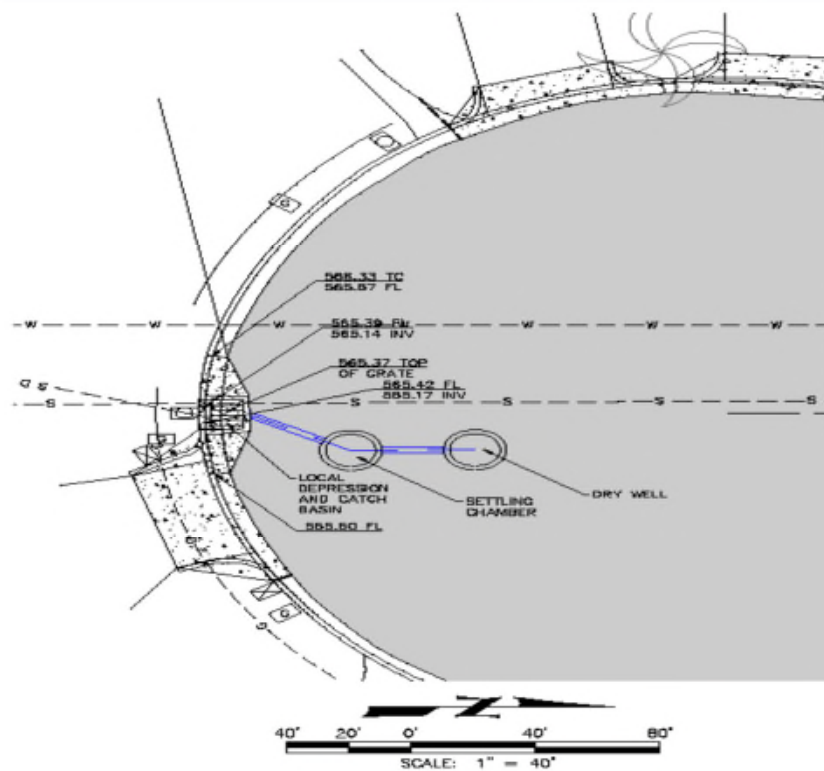
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MAXWELL® IV DRAINAGE SYSTEM DETAIL AND SPECIFICATIONS

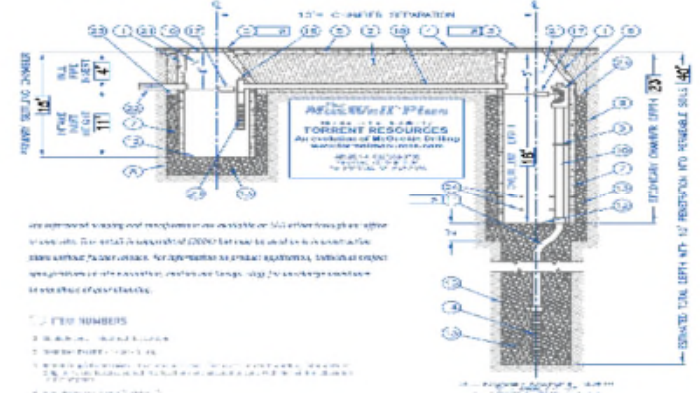


<b>Merrell Johnson</b> COMPANIES 22021 HERBERT ST. APPLE VALLEY, CALIFORNIA 95927 (707) 340-8000 (707) 340-1400 FAX	10001 CAMARILLO RD. APPLE VALLEY, CALIFORNIA 95927 (707) 346-0018 (707) 330-0072 FAX	<b>SIERRA VISTA AVE AND RANCITO RD DRY WELLS</b> <b>SIERRA VISTA AVE DRY WELL</b>		DRAWN BY: LP
		FOR: <b>CITY OF MONROVIA</b> DEPARTMENT OF PUBLIC WORKS		DATE: 12/13/19
		JOB NO. 3364-086		SHEET <b>1 OF 1</b>

# Sierra Vista Drywell location



The MaxWell® Plus Drainage System Detail And Specifications



are approved listing of materials or no available or full other two plus after  
to be used. The total is up to 2000 feet to be used as a unit. The  
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<b>MerrellJohnson</b> COMPANIES 37001 148th AVE SE APPLE VALLEY, CALIFORNIA 95007 (760) 340-8000 (760) 340-1400 FAX	<b>SIERRA VISTA AVE AND RANCITO RD DRY WELLS</b>		DRAWN BY: LR
	<b>RANCITO AVE SETTLING CHAMBER AND DRY WELL</b>		DATE: 12/13/19
	FOR CITY OF MONROVIA DEPARTMENT OF PUBLIC WORKS		JOB NO. 3364.066
			SHEET 1 OF 1

# Water Quality and Supply Benefits

- Infiltration is a highly effective BMP for Bacteria (CASQA BMP handbook)
- Trash/Debris reduction
- Runoff will be captured, pre-treated for trash/sediment removal before being infiltrated
- Estimated storage volume (ac-ft): 0.09
- Estimated total inflow volume during design event (ac-ft): 0.17

# Community Investment Benefits and Nature Based Solutions

- This project improves flood management by treating and infiltrating rather than allowing untreated flow into existing drainage structures
- Preservation of existing vegetation through infiltration rather than a diversion
- City staff successfully led 1 on 1 outreach with each resident in the project area prior to the installation of each drywell location.

# Infiltration testing



- Monrovia has already installed drywells in the southern part of the City (below the 210 Freeway)
- Dual Chamber and Single Chamber drywells have been installed

# Goals

- The City of Monrovia has been successful in taking a collaborative approach to MS4 compliance
  - rWMP: collaborated with Environmental NGO's, Regional Board staff and the Regional Board
  - Technical Resources Program: seeking assistance from Flood Control staff on vector minimization plan, O&M plan, monitoring plan with hopes of being able to use this as a template for other distributed BMP projects in Monrovia

Questions?



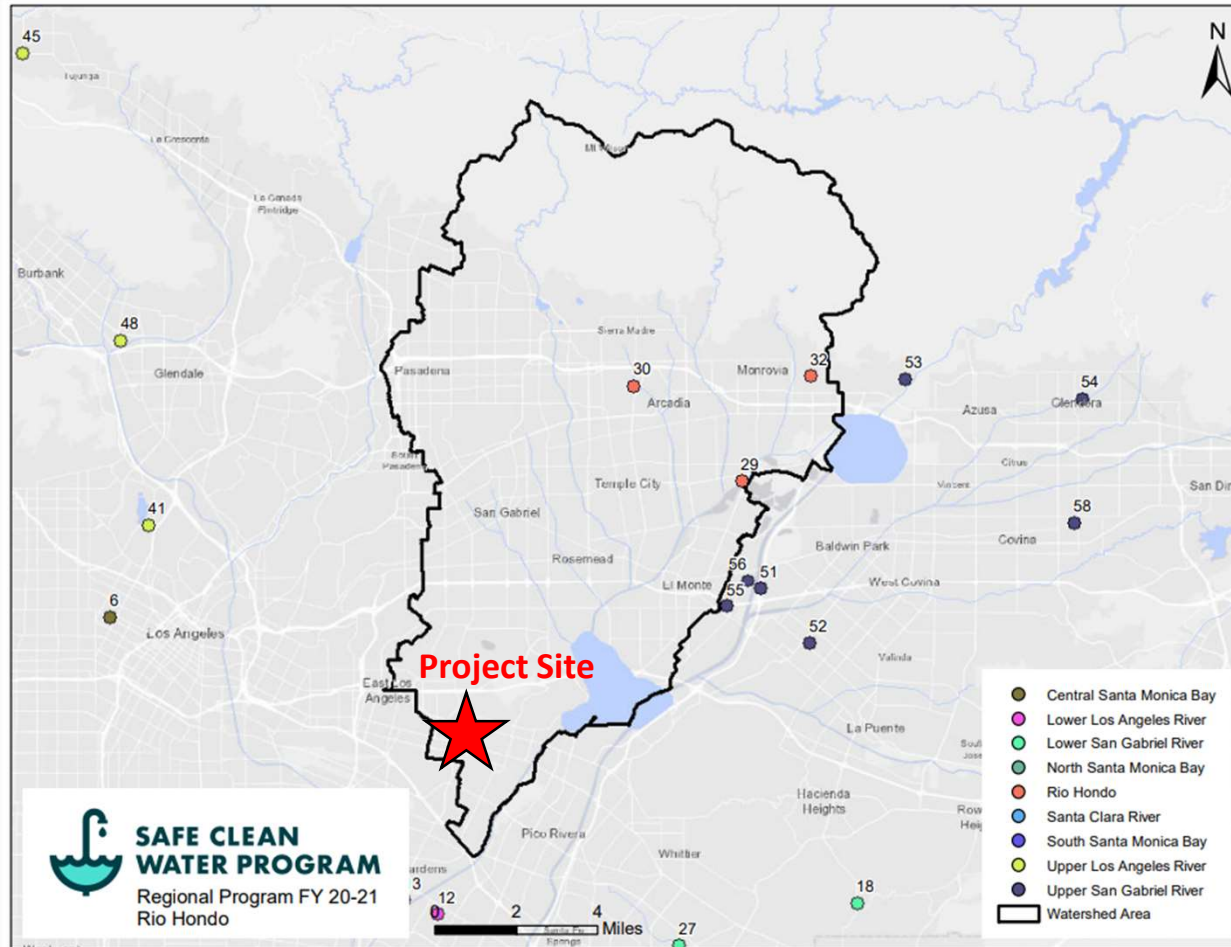


# East Los Angeles Sustainable Median Stormwater Capture Project

Presented by:

Joseph Venzon, P.E.  
LA County Public Works

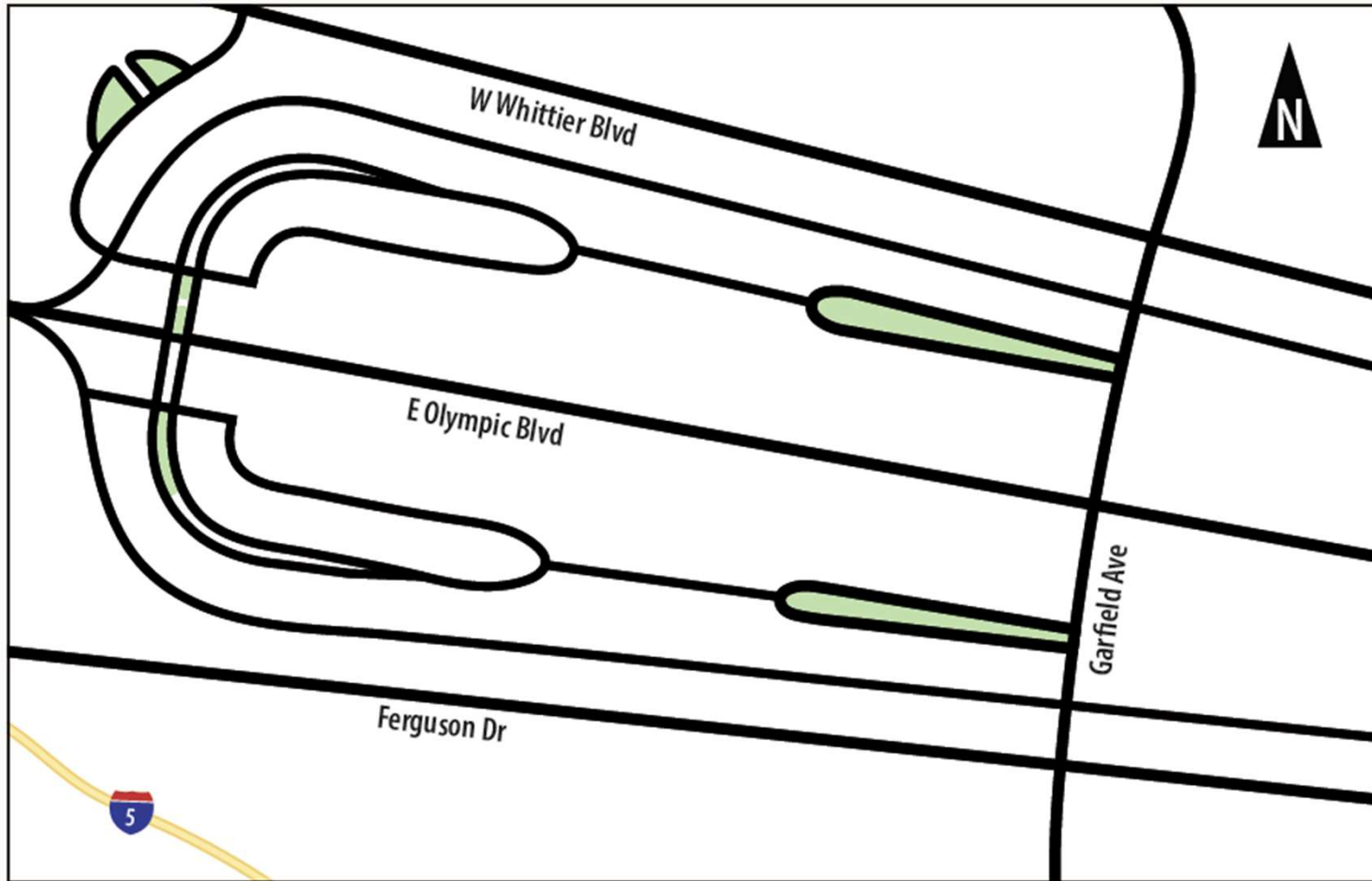
# East LA Sustainable Median Stormwater Capture Project



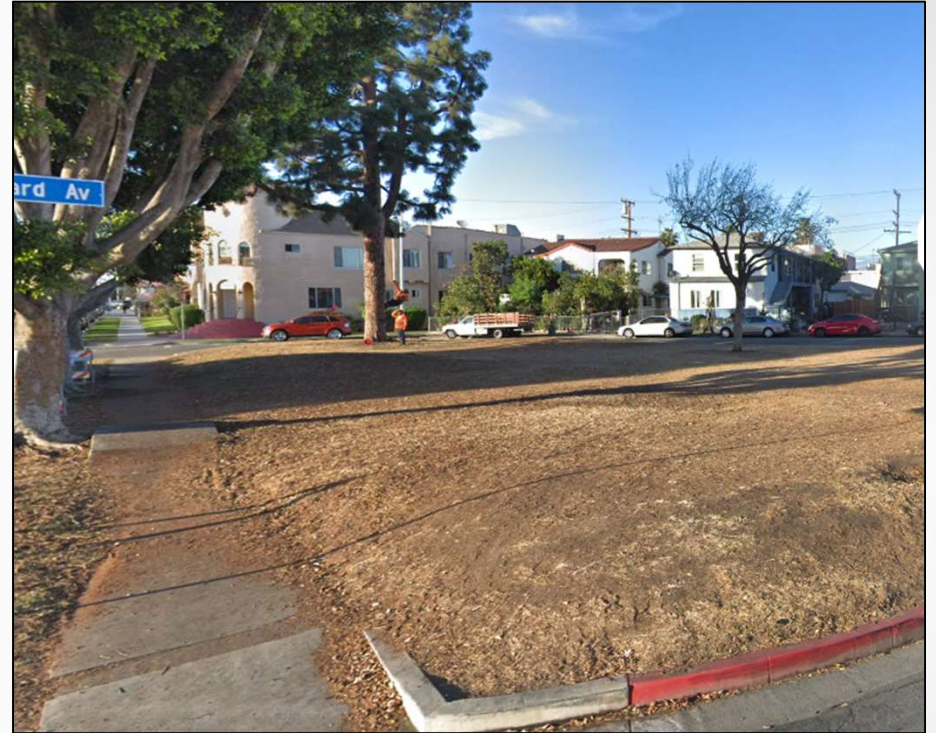
Unincorporated East Los Angeles

Disadvantaged Community

# East LA Sustainable Median Stormwater Capture Project



# East LA Sustainable Median Stormwater Capture Project



Existing Medians

# East LA Sustainable Median Stormwater Capture Project

## **Enhanced Watershed Management Program (EWMP)**

for the Upper Los Angeles River Watershed

Prepared for

*Upper Los Angeles River Watershed Management Group*



# East LA Sustainable Median Stormwater Capture Project

## Safe, Clean Water Program Score



### Water Quality

Pollutant reduction of zinc and copper

### Water Supply

Increase water supply to Central Basin

### Community Investment

Enhanced recreational opportunities and park/habitat

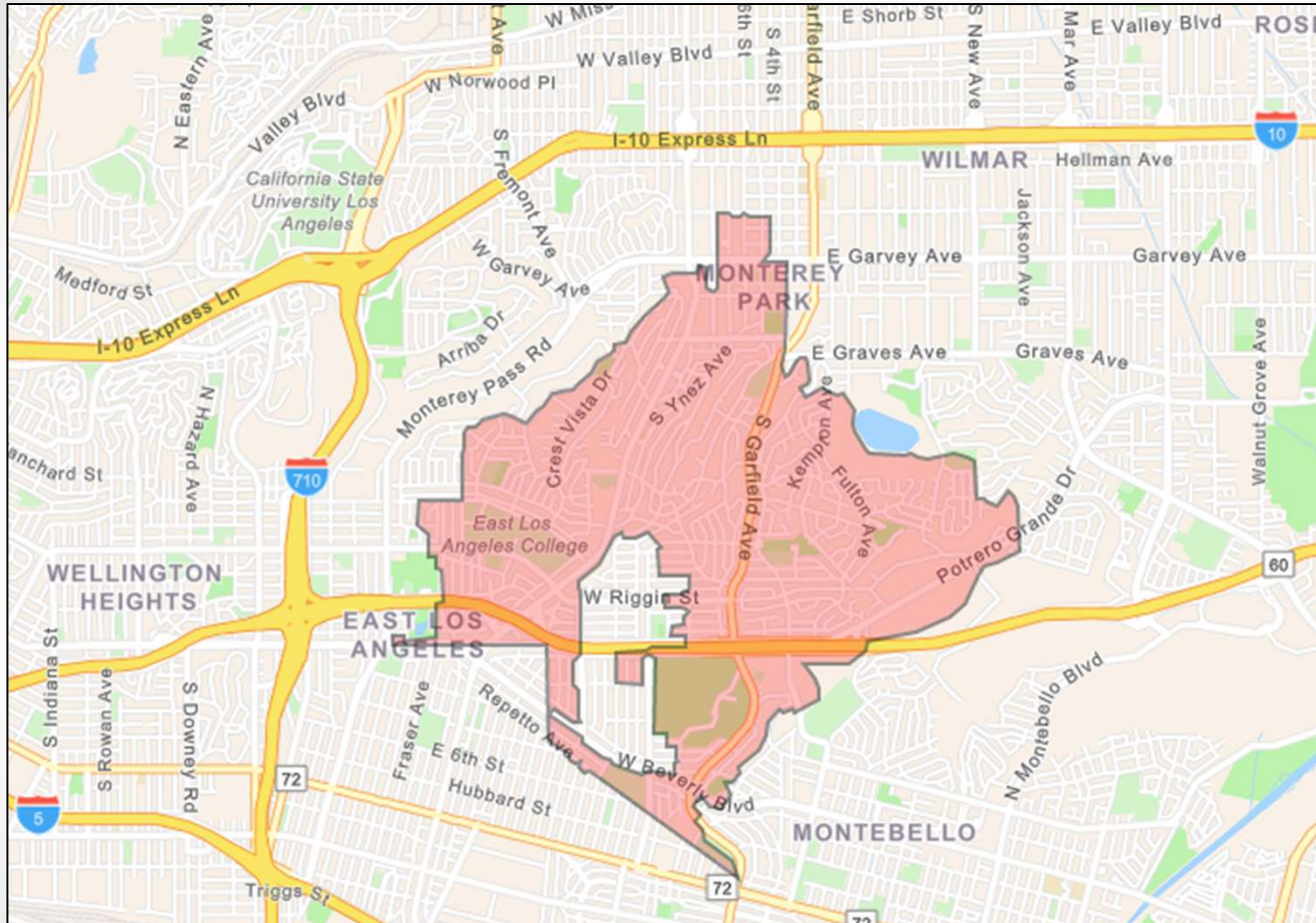
### Nature-based Solutions

Natural process and materials

### Leveraging Funds

Project partnerships and community outreach

# East LA Sustainable Median Stormwater Capture Project



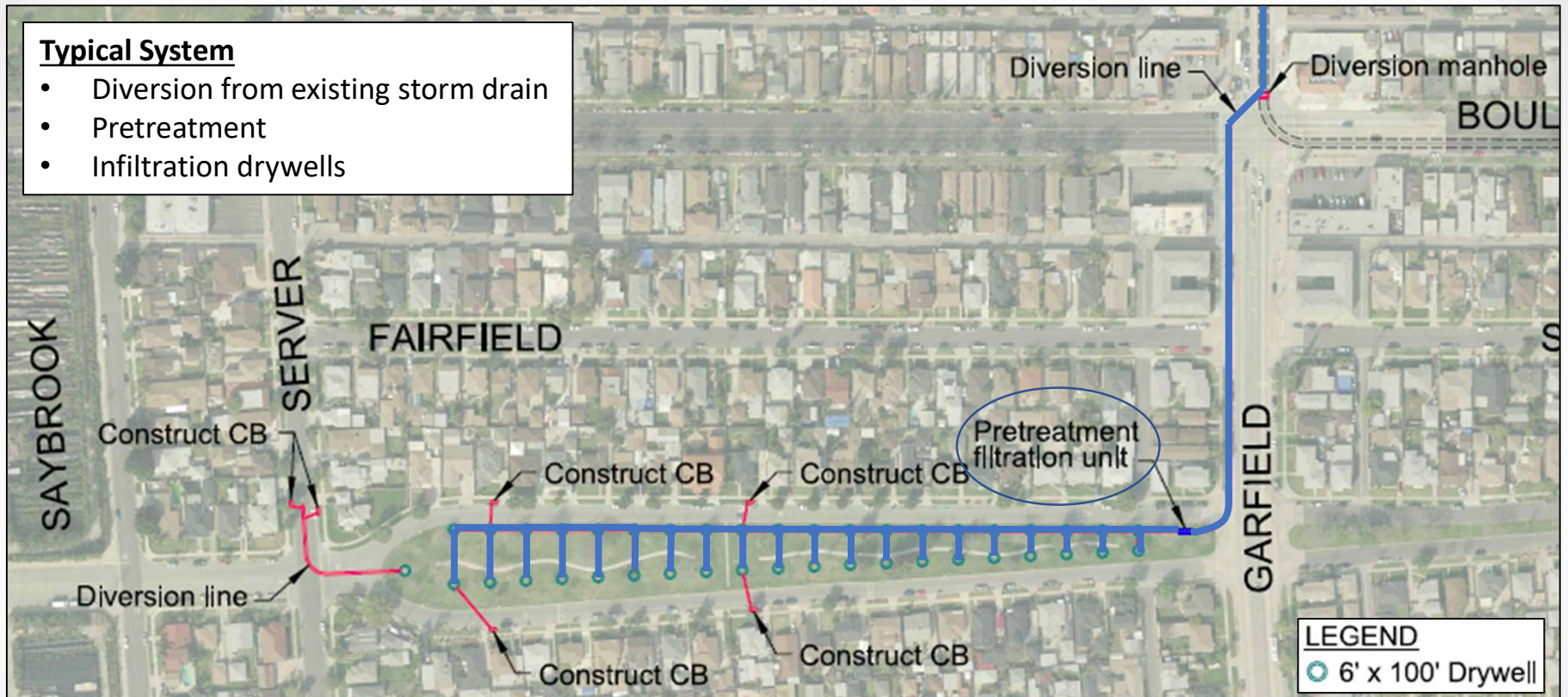
## Drainage Area

2900 Acres

## *Jurisdictions:*

- Unincorporated County
- Montebello
- Monterey Park

# East LA Sustainable Median Stormwater Capture Project



1100 acre-feet captured annually

# East LA Sustainable Median Stormwater Capture Project



*Example photos of drywell installation*

# East LA Sustainable Median Stormwater Capture Project



Landscaping

Walking Paths

Picnic Tables/Benches

Exercise Equipment

Signage

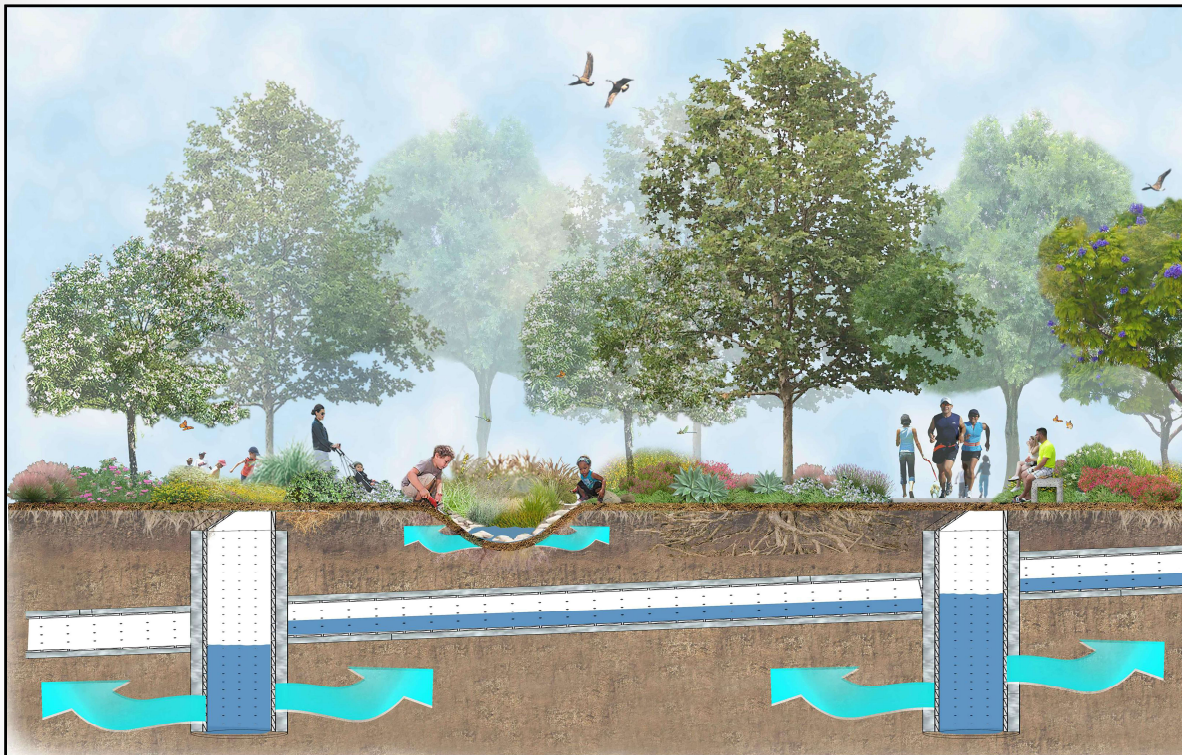
# East LA Sustainable Median Stormwater Capture Project



## Community Engagement

- Mailers
- Community Information Sessions
- Project specific website
- Participating in nearby Park Events

# East LA Sustainable Median Stormwater Capture Project



## Project Partners

- Los Angeles County
- Montebello
- Monterey Park
- LA County Flood Control District

## Grants

- California Natural Resources Agency
- State Water Board

# East LA Sustainable Median Stormwater Capture Project

## Preliminary Cost Estimate and Schedule:

Phase	Cost	Completion
Planning & Design	\$ 2,270,000	Completed
Construction	\$ 26,359,716	Late 2021
<b>Total Estimate</b>	<b>\$ 28,629,716</b>	

Request	FY
\$3,500,000	2020-21
\$3,500,000	2021-22
<b>\$7M</b>	

# East LA Sustainable Median Stormwater Capture Project



## Questions

Los Angeles County Public Works

Joseph Venzon, P.E.

[jvenzon@dpw.lacounty.gov](mailto:jvenzon@dpw.lacounty.gov)

(626) 300-2630