

# Safe, Clean Water Program

## Upper San Gabriel River Watershed Area Steering Committee (WASC)

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### **Meeting Minutes:**

Monday, January 13, 2020  
1:30pm-3:30pm  
Sanitation Districts of Los Angeles County  
1955 Workman Mill Road, Whittier, CA 90601

### **Attendees:**

#### Committee Members Present:

Julian Juarez (LA County Flood Control District)	Amanda Hamilton (Duarte)
Tom Love (Upper San Gabriel District)	Alison Sweet (Glendora)
Kelly Gardner (Main San Gabriel Basin)	Joshua Nelson (Industry)
Kristen Ruffell (Sanitation Districts)	Paul Alva (LA County)
Bob Huff (Huff Strategies)	Julie Carver (Pomona)
Debbie Enos (Watershed Conservation Authority)	Lisa O'Brien (La Verne)
Ed Reyes (Ed P. Reyes & Associates)	Mark Glassock (Los Angeles County Parks and Recreation)
David Diaz (Active SGV)	
John Beshay (Baldwin Park)	

#### Committee Members Not Present:

Brian Urias (Former USGVMWD Board Member)

\*Committee Member Alternate

See attached sign-in sheet for full list of attendees

### **1. Welcome and Introductions**

Mr. Alva, the Chair of the Upper San Gabriel River WASC, called the meeting to order.

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

### **2. Approval of Meeting Minutes from December 9, 2019**

The Los Angeles County Flood Control District (District) provided a copy of the meeting minutes from the previous meeting. Mr. Alva asked the committee members for comments or revisions. The committee had no comments.

**The Committee voted to approve the meeting minutes from December 9, 2019 (unanimous).**

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

Mr. Kevin Kim (District) provided a summary of the Call for Projects submittals including the amount of funding requested, the number of submittals per watershed area, and how the members and public may view the applications on [www.safecleanwaterla.org](http://www.safecleanwaterla.org).



**4. Public Comment Period**

No public comment

**5. Discussion Items:**

**a. Summary of feasibility studies, project concepts and scientific studies submitted**

District staff provided a copy of the Overview of Project Submittals for Fiscal Year 2020-2021 for Upper San Gabriel River WASC consideration.

Mr. Kim provided an overview of the current status of project submittals: eight (8) for the Infrastructure Program, three (3) for the Technical Resources Program, and two (2) for the Scientific Studies Program. One Infrastructure Program Project was not deemed complete and referred to the Technical Resources Program. The overview of the Project submittals for the Upper San Gabriel River Watershed Area can be found [on the website](#).

Mr. Alva asked for additional details regarding the 5-year Expenditure Projections. Mr. Kim noted that a form was sent to all project applicants due January 17, 2020. A reminder email will be sent prior to the deadline. The data will be compiled by the District and distributed to the WASCs once it becomes available.

The committee discussed how benefits to Disadvantaged Communities (DACs) would be determined. Mr. Kim stated that the process is still in development and will be shared with the committee once available.

Mr. Alva asked if any outreach is planned for the next Call for Projects. Mr. Kim clarified that the District will be working with our consultants in the coming months to develop an outreach plan.

**b. Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution (Richard Watson & Associates)**

Presentation by Richard Watson. Overview of a proposed Regional Scientific Study that will use the latest available technologies and approaches to measure waterborne pathogens across Safe Clean Water Program watersheds to help identify key sources of human health risk, develop cost-effective strategies that better protect human health, and support the regulatory shift needed to accommodate a modernized approach.

The committee asked for clarification on the benefits to the watershed once the study is complete. Mr. Watson clarified that the purpose of the study is to find a method that is accepted by the stakeholders and regulatory agencies to focus investments on high-risk areas associated with human pathogens. The study would be completed within five years. Funding requests are proportional to the anticipated revenue within each watershed. Funding is not currently related to bacterial load generated within a watershed. If a WASC does not contribute funding, they do not receive the benefits and may need to fund an independent study. The structure of the study is not currently developed and will be further defined as part of the stakeholder process.

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Mr. Love asked if District Funds could be used to fund Projects providing County-wide benefit. Section 18.05.B.8 of the implementation ordinance indicates that the District shall coordinate Watershed Area scientific studies funded by the Scientific Studies Program. LACFCD remains committed to coordinating studies across Watershed Areas where applicable, including review by the committees, potential allocation of funds, and subsequent reporting. LACFCD does not have any current plans to additionally spend District Program funds on studies but is always open to discussions about potential partnerships in the future.

## **c. Glendora Avenue Green Street Feasibility Study (City of Glendora)**

Presentation by Greg Jaquez. Project concept seeks to develop a green street project on Glendora Avenue and nearby streets tributary to little Dalton Wash that will capture and treat stormwater and dry-weather runoff.

Mr. Alva asked if the Project considers multi benefit opportunities. Mr. Jaquez noted that there are opportunities along Glendora Ave. for integration of low impact development (LID) features and a holistic design approach.

Mr. Diaz asked about stakeholder and community engagement plans. Mr. Jaquez noted that there would likely be multiple methods of outreach to local businesses and residences.

Ms. Ruffell asked if the Project provides a benefit to DACs. Mr. Jaquez noted that the Project is not located directly within a DAC but may still provide economic benefits to DACs.

A member of the public asked if a monitoring plan has been developed. Mr. Jaquez noted that a monitoring plan will be developed as part of the Feasibility Study.

A member of the public asked how the Metro Gold Line would tie into the Project. Mr. Jaquez noted that there are known unmet drainage needs and potential for leveraged funds that can be explored.

Ms. Hamilton asked if the Project would involve widening of the street or removal of trees. Mr. Jaquez clarified that the project would likely narrow the street to accommodate stormwater improvements and that there would be crossover opportunities to address other public needs.

The committee asked for scheduling details. Development of the Feasibility Study would begin once funding is received. The schedule for construction is unknown until the Feasibility Study is complete.

## **6. Voting Items**

### **a. Send all completed feasibility studies to Scoring Committee for consideration.**

District staff recommended this action for all WASC committees due to the expedited timeline. After Scoring Committee review, the WASC will still be able to discuss the project before being programmed into the Stormwater Investment Plan.

The committee discussed procedures for projects that do not meet the point threshold. Mr. Kim explained that applicants can be referred to the Technical Resources Program at the discretion of the WASC or they will need to reapply for the next Fiscal Year. Technical Resources Program Projects are not scored.

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Mr. Alva requested detailed comments from the Scoring Committee's evaluation to assist in development of the SIP. This process will be further developed by the District.

**The Committee voted to send all completed feasibility studies to Scoring Committee for consideration (unanimous).**

## 7. Items for next agenda

The District recommends the following items for the next agenda:

- Presentations from Infrastructure Program Project applicants.

Mr. Alva solicited additional recommendations from the committee for the next agenda.

A member of the public noted that defining DAC benefits can be complex and should be considered carefully. For example, even if a project is in a DAC, there may not be a benefit.

## 8. Adjournment

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

Upper San Gabriel River  
 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	<i>Julian J</i>
Carolina Hernandez	FCD	CHERNANDEZ@dpw.lacounty.gov	A	
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Robert O. Tock	Upper San Gabriel District	robert@usgvmwd.org; christy@usgvmwd.org	A	
Kelly Gardner	Main San Gabriel Basin	kelly@watermaster.org	P	<i>K Gardner</i>
Tony Zampielo	Main San Gabriel Basin Watermaster	tony@watermaster.org	A	<i>Tony Zampielo</i>
Kristen Ruffell	Sanitation Districts	kruffell@lacsds.org	P	<i>Kristen M. Ruffell</i>
Martha Tremblay	Sanitation Districts	mtremblay@lacsds.org	A	
Alina Bodke	Los Angeles County Parks and Recreation	Abokde@parks.lacounty.gov	P	
Bob Huff	Huff Strategies	bobhuff99@gmail.com	P	<i>Bob Huff</i>
Bryan Urias	Former USGVMWD Board Member	b.urias@yahoo.com	P	
Brian Villagomez	SGV Habitat For Humanity	bdv8@humboldt.edu	A	
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Jane Tsong	Watershed Conservation Authority	jtsong@wca.ca.gov	A	
Ed Reyes	Ed P. Reyes & Associates	ed.p.reyesla@gmail.com	P	

Upper San Gabriel River  
 Watershed Area Steering Committee Meeting  
 COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
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Romany Basilyous	West Covina	RBasilyous@westcovina.org	A	
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Kevin Kearney	Bradbury	kkearney@cityofbradbury.org	A	
Alison Sweet	Glendora	asweet@cityofglendora.org	P	
Sharon Gallant	Covina	SGallant@covinaca.gov	A	
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Fabian Aoun	Diamond Bar	faoun@diamondbarca.gov	A	

Upper San Gabriel River  
 Watershed Area Steering Committee Meeting  
 COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
Lisa O'Brien	La Verne	lobrien@cityoflaverne.org	P	<i>Lisa O'Brien</i>
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Andrea Ampig	Glendora	aampiga@cityofglendora.org		<i>Andrea Ampig</i>
Michael Drennan	WSP	michael.drennan@wsp.com		<i>Michael Drennan</i>
Mark Glasscock	LA County Parks and Recreation	mglasscock@parks.lacounty.gov	A	<i>Mark Glasscock</i>

Upper San Gabriel River  
 Watershed Area Steering Committee Meeting  
 PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Richard	Watson	ROVA	rwatson@rwaplaning.com
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Kevin	Kim	"	
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Hans	Tremmel	Westan Solutions	hans.tremmel@westansolutions.com
RLAKE	WHITTINGTON	SELF	

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



Upper San Gabriel River  
 Watershed Area Steering Committee Meeting  
 PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
WILLIAM	O'BRAITIS	KERAMIDA, INC	WOBRATIS@KERAMIDA.COM
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Janet Rodriguez	Rodriguez	Inland Engineering Consultants	InlandEngineer@gmail.com
DREW RUDY →		CWTH	drew@watershedhealth.org

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

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# Overview of Proposed Scientific Study

Presentation to Upper San Gabriel River WASC

Richard Watson, Richard Watson & Associates, Inc. (RWA)  
January 13, 2020

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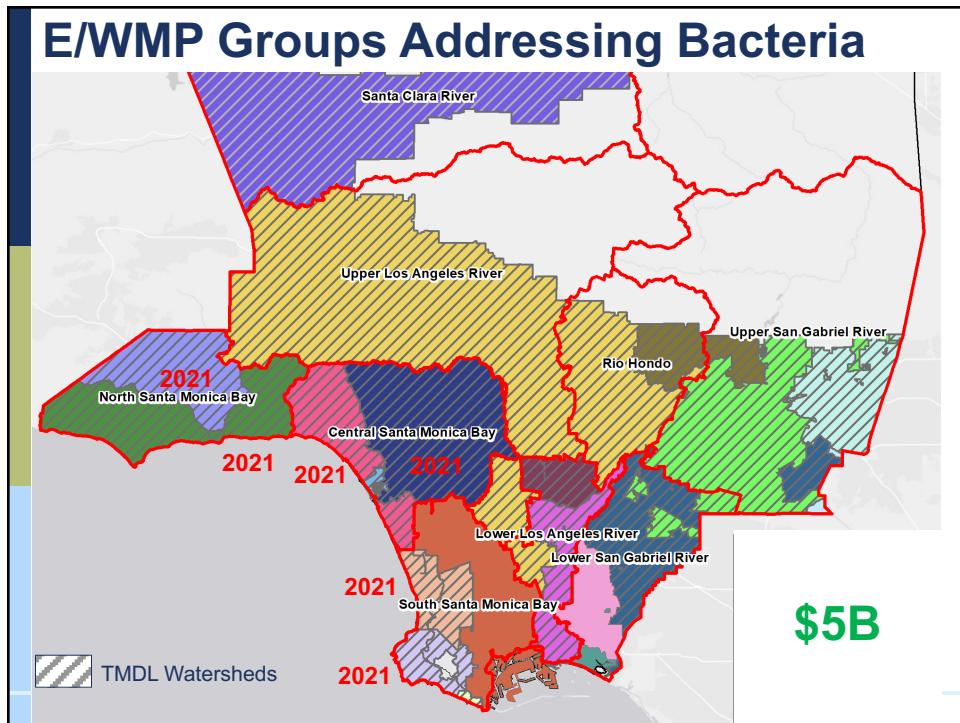
## Overview

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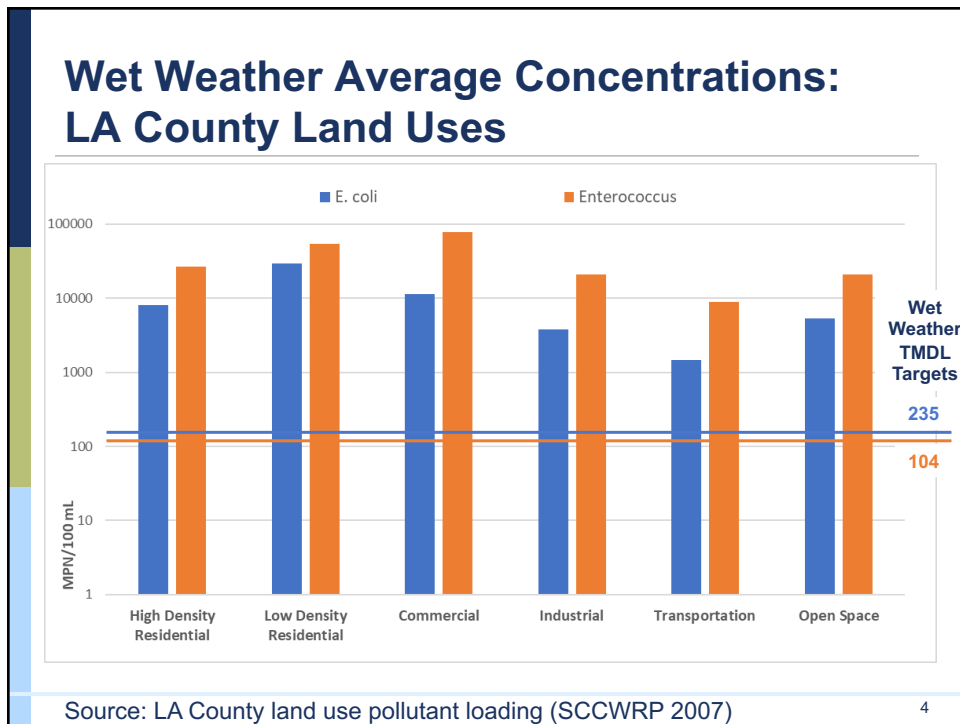
- Bacteria Challenges
- Scientific Study Approach
- Scientific Study Schedule and Cost Estimate
- Summary

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## Scientific Study: Initial Steps


- Small Group Initiated Discussions
  - City and County of LA; LLC, LLAR, LSGR; and LWA
- Developed Special Study Approach
  - Apply state of the science to LA County specific issues
  - Built a scope for Measure W Regional Program funded study that each group can elect to participate (or not)
- Presented Approach E/WMP Groups
- Discussed with Regional Board staff

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## What will the study do?

### Task 1 Stakeholder Process

	Task 2		Task 3		Task 4
	Risk Assessment		Risk Management		Regulations
	Measurement Type:	Target Type:	Sources Targeted:	Control Measures:	Compliance:
<b>CURRENT APPROACH:</b>	Fecal indicator bacteria	MPN per 100mL below WQO	All sources	Widespread retention plus source control	Achieve default statewide FIB-based WQOs
<b>FRAMEWORK TO BE DEVELOPED BY STUDY:</b>	Measurement of Risk (e.g., Human Markers)	Risk less than 32/1000	Risky Sources	Targeted retention plus targeted source control	Achieve risk-based, LA region-specific Basin Plan and/or MS4 Permit provisions
	 Potential Cost Savings <sup>6</sup>				

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## Study Schedule

Task	Year				
	1	2	3	4	5
Task 1 – Stakeholder Process	Orange	Orange	Orange	Orange	Orange
Task 2 – Risk Assessment	Yellow	Yellow	Yellow	Yellow	
Task 3 – Risk Management		Blue	Blue	Blue	Blue
Task 4 – Regulatory Revisions			Green	Green	Green

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## Measure W Scientific Study Funding

- Funding is now available to address issue through studies
- Multi-year studies eligible for scientific study funding (5% of regional program funds)

Watershed Area	Estimated Available Regional Funding for Special Studies	
	Annual*	5 Years*
Central Santa Monica Bay	\$890,000	\$4,450,000
Lower Los Angeles River	\$640,000	\$3,200,000
Lower San Gabriel River	\$835,000	\$4,175,000
North Santa Monica Bay	\$90,000	\$450,000
Rio Hondo	\$575,000	\$2,875,000
Santa Clara River	\$300,000	\$1,500,000
South Santa Monica Bay	\$920,000	\$4,600,000
Upper Los Angeles River	\$1,930,000	\$9,650,000
Upper San Gabriel River	\$945,000	\$4,725,000
<b>Total</b>	<b>\$7,125,000</b>	<b>\$35,625,000</b>

\* Assumes Measure W revenue of \$285,000,000/year.

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## Cost Estimate

Tasks	Cost Estimate
Task 1- Stakeholder Process	\$490,000
Task 2- Risk Assessment	\$5,880,000
Task 3- Risk Management	\$2,940,000
Task 4- Regulatory Revisions	\$490,000
<b>Total</b>	<b>\$9,800,000</b>

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### Watershed Area Cost Allocations – Los Angeles County Bacteria Scientific Study

Watershed Area	% Share of Budget for Study <sup>2</sup>	Projected SCWP Scientific Study Funds		Study Contribution by Watershed Area	Percent of SCWP Scientific Study Funds over 5-Years
		Annual	5-Year		
Central Santa Monica Bay	12.5%	\$890,000	\$4,450,000	\$1,181,920	28%
Lower Los Angeles River	9.0%	\$640,000	\$3,200,000	\$909,031	
Lower San Gabriel River	11.7%	\$835,000	\$4,175,000	\$1,137,470	
North Santa Monica Bay	1.3%	\$90,000	\$450,000	\$141,252	
Rio Hondo	8.1%	\$575,000	\$2,875,000	\$782,646	
Santa Clara River	4.2%	\$300,000	\$1,500,000	\$462,119	
South Santa Monica Bay	12.9%	\$920,000	\$4,600,000	\$1,272,424	
Upper Los Angeles River	27.1%	\$1,930,000	\$9,650,000	\$2,604,041	
Upper San Gabriel River	13.3%	\$945,000	\$4,725,000	\$1,309,097	
<b>Total</b>	<b>100%</b>	<b>\$7,125,000</b>	<b>\$35,625,000</b>	<b>\$9,800,000</b>	

1. Costs assume participation by all Watershed Areas, which increases efficiency of the study. Costs will need to be recalculated if not all Watershed Areas participate. Projected SCWP Scientific Study Funds are based on \$142.5 million in annual funds for the regional program (5% of which is available for scientific studies).
2. Percent of Total Budget is based on a proportional distribution of the costs based on the SCWP taxable impervious area.

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### Watershed Area Cost Allocations – Annual Cost Estimates to Implement Bacteria Study

Watershed Area	Study Year					Total Budget	Projected Scientific Study	
	1	2	3	4	5		Funds Available	% of Funds
Central Santa Monica Bay	\$330,518	\$330,518	\$330,518	\$116,293	\$116,293	\$1,224,140	\$4,450,000	28%
Lower Los Angeles River	\$237,676	\$237,676	\$237,676	\$83,627	\$83,627	\$880,281	\$3,200,000	
Lower San Gabriel River	\$310,093	\$310,093	\$310,093	\$109,107	\$109,107	\$1,148,491	\$4,175,000	
North Santa Monica Bay	\$33,423	\$33,423	\$33,423	\$11,760	\$11,760	\$123,789	\$450,000	
Rio Hondo	\$213,537	\$213,537	\$213,537	\$75,133	\$75,133	\$790,877	\$2,875,000	
Santa Clara River	\$111,411	\$111,411	\$111,411	\$39,200	\$39,200	\$412,632	\$1,500,000	
South Santa Monica Bay	\$341,659	\$341,659	\$341,659	\$120,213	\$120,213	\$1,265,404	\$4,600,000	
Upper Los Angeles River	\$716,741	\$716,741	\$716,741	\$252,187	\$252,187	\$2,654,596	\$9,650,000	
Upper San Gabriel River	\$350,943	\$350,943	\$350,943	\$123,480	\$123,480	\$1,299,789	\$4,725,000	
<b>Total</b>	<b>\$2,646,000</b>	<b>\$2,646,000</b>	<b>\$2,646,000</b>	<b>\$931,000</b>	<b>\$931,000</b>	<b>\$9,800,000</b>	<b>\$35,625,000</b>	

1. Costs assume participation by all Watershed Areas, which increases efficiency of the study. Costs will need to be recalculated if not all Watershed Areas participate. Projected SCWP Scientific Study Funds are based on \$142.5 million in annual funds for the regional program (5% of which is available for scientific studies).
2. Percent of Total Budget is based on a proportional distribution of the costs based on the SCWP taxable impervious area.

## Summary

- Time is right
- To make this successful, can't just be technical
- LA Specific Study is needed to identify the best way to focus on risk in the region

## Questions and Thank You

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Richard Watson  
Richard Watson & Associates  
[rwatson@rwaplanning.com](mailto:rwatson@rwaplanning.com)  
(949) 394-8495



# Glendora Avenue Green Street Feasibility Study

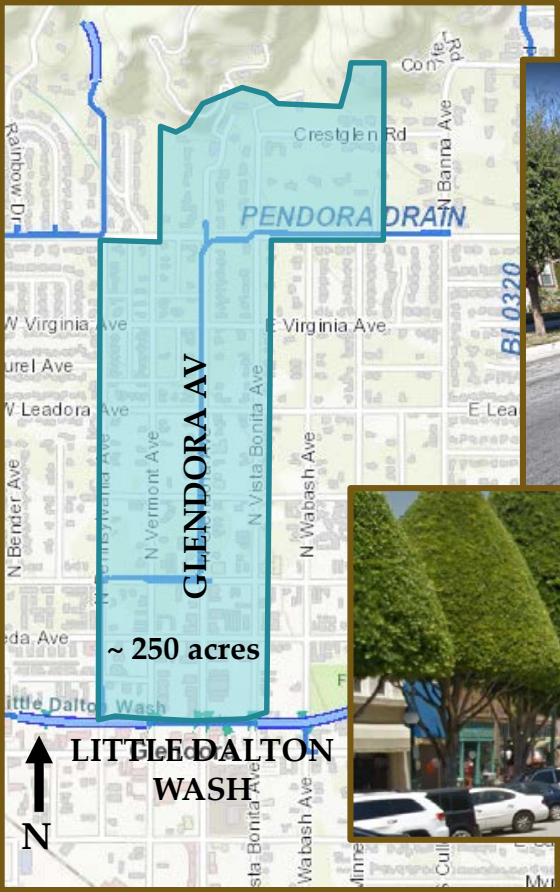
PRESENTED BY THE CITY OF GLENDORA

JANUARY 13, 2020



# Project Concept

- Green street along Glendora Avenue and nearby streets
- Tributary to Little Dalton Wash.
- Focus on downtown area of Glendora Avenue
- Extend to surrounding streets for area-wide impact.





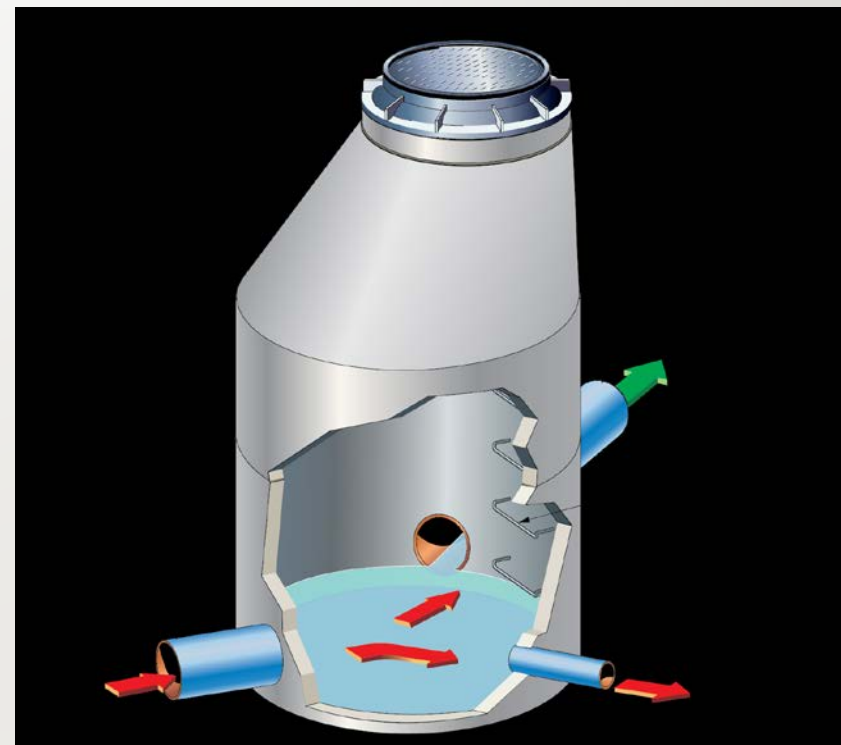
## Feasibility Study Scope

- Focus on the downtown area of Glendora Avenue Study
- Examine potential reconfiguration of road right of way cross sections to incorporate bioretention and other stormwater capture features.
- Extend study area across catchment area for Pandora Drain



# Low-Flow Diversion

- Work in conjunction with green streets
- Locate at outfall of Pandora Drain



**Questions/Comments?**

**Thank You!**

