

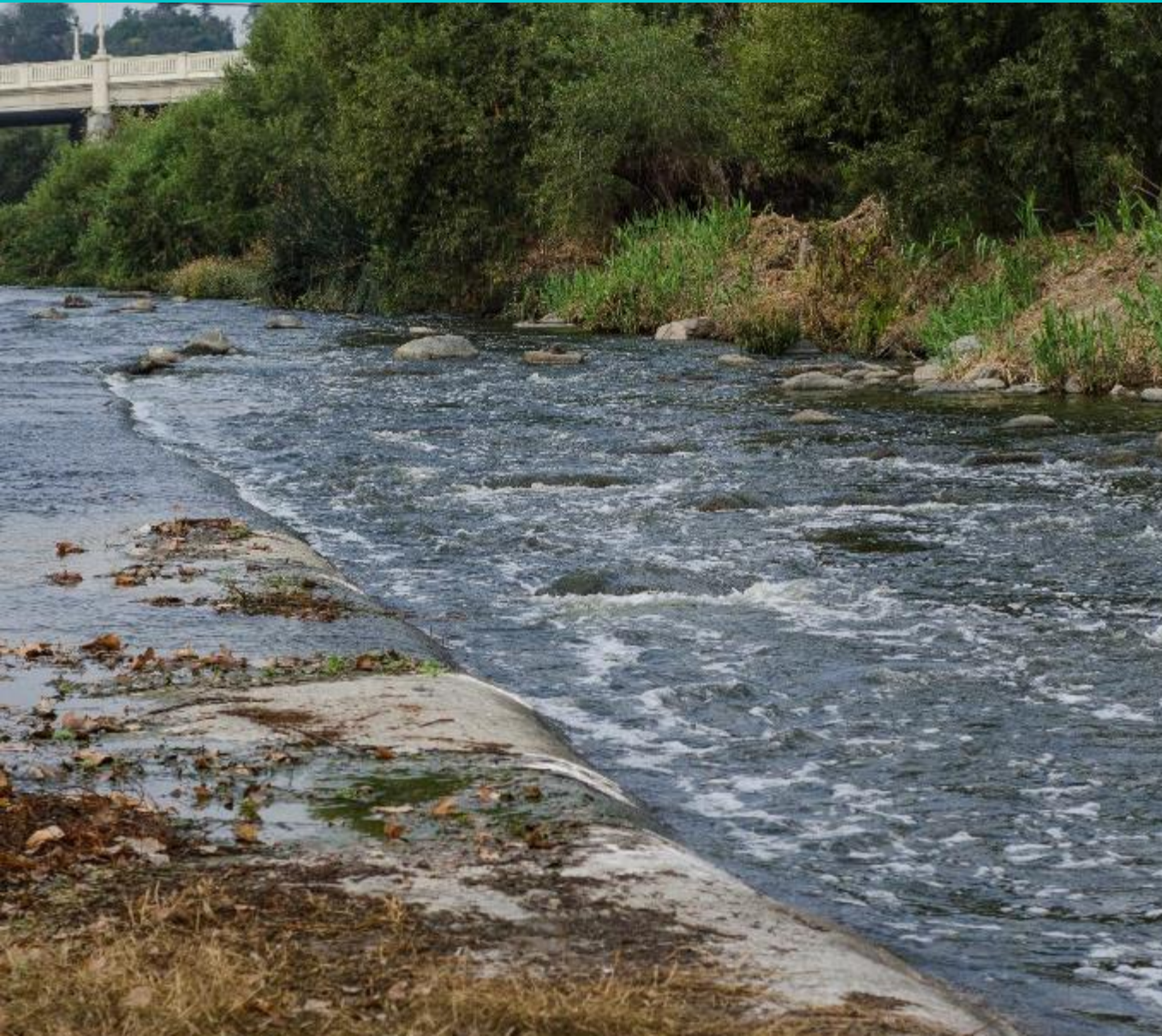


# AB 466: Upper Los Angeles River and Tributaries Revitalization Plan

## Water and Environment Committee

April 25, 2019

# Meeting Agenda

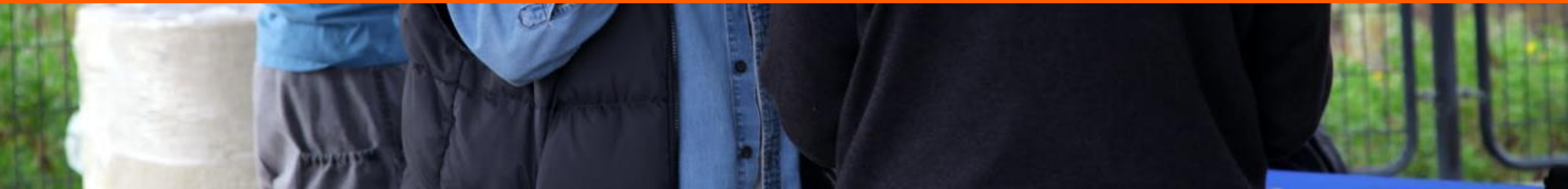


1. Call to order
2. Roll call
3. Approval of minutes
4. Comments from members of the public on items not on the agenda and public testimony on all agenda items
5. Staff update
6. Polling activity regarding project improvement prioritization
7. Review of overall project framework
8. Overview of preliminary project opportunity screening process and sites
9. Committee member comments on matters not on the agenda
10. Announcement of future meetings and adjournment





## Item 4. Comments from Members of the Public





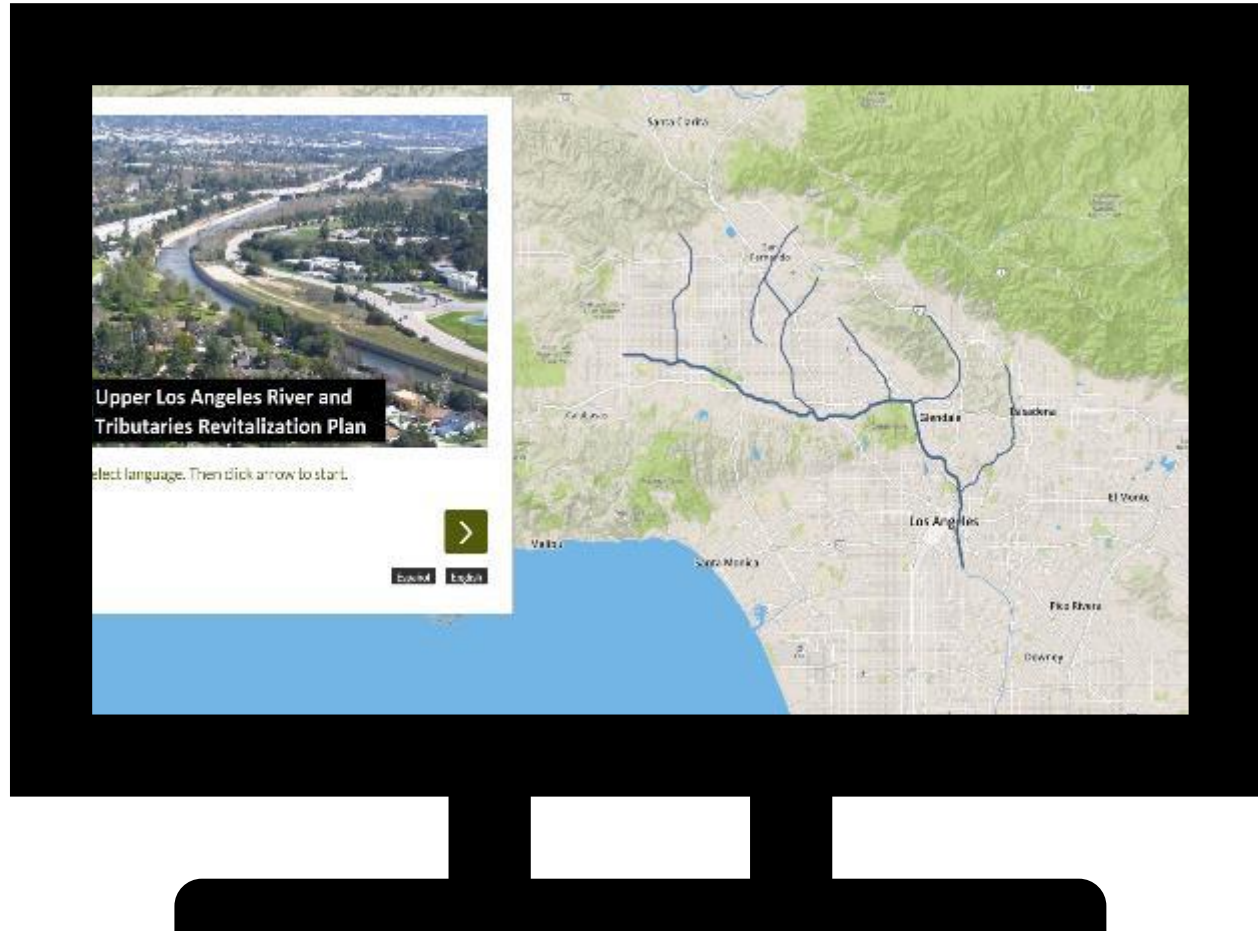


## Item 5. Staff Update





# WEB SURVEY TOOL





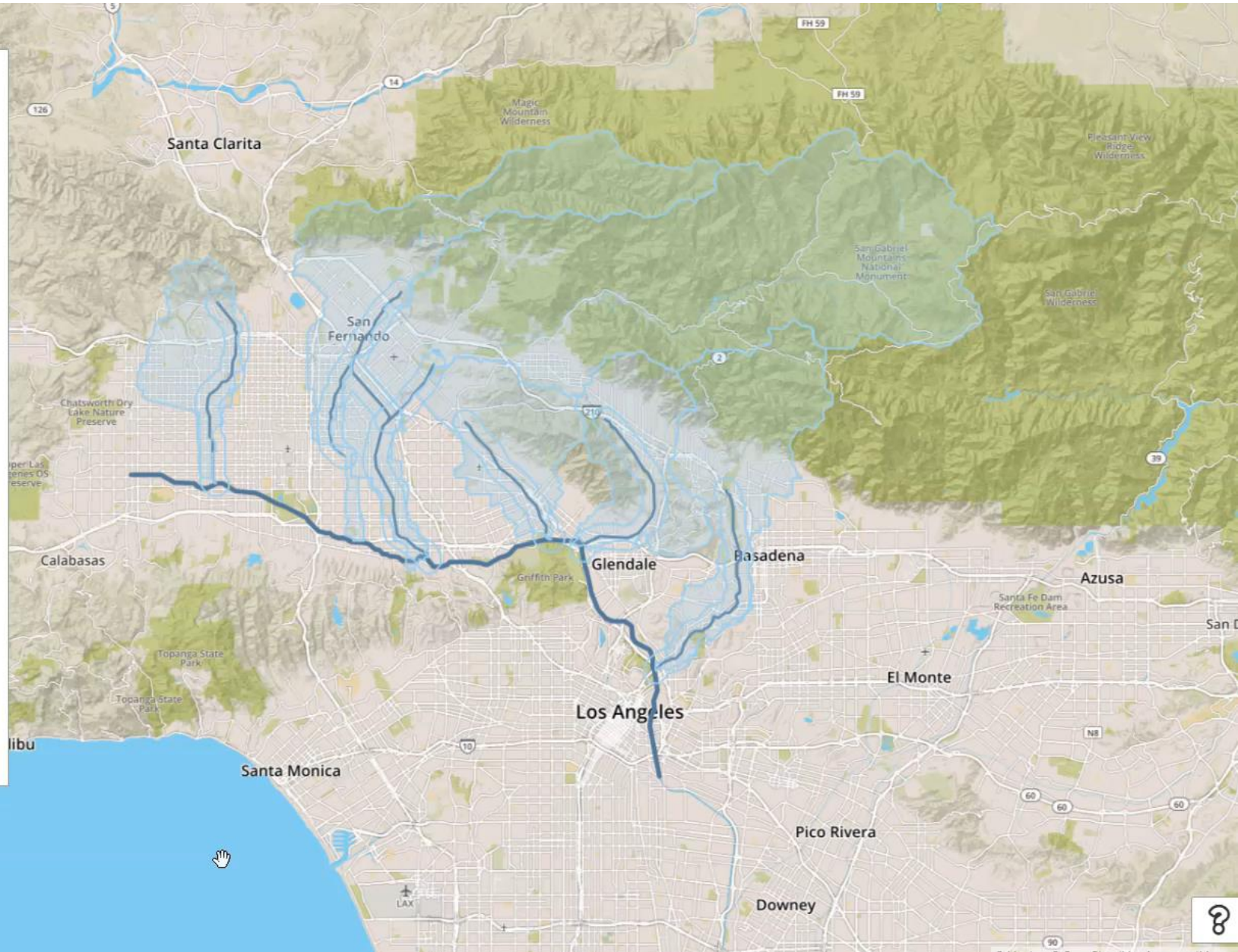


## Upper Los Angeles River and Tributaries Revitalization Plan

Select language. Then click arrow to start.




Español




English

















Drainage / Drenaje

















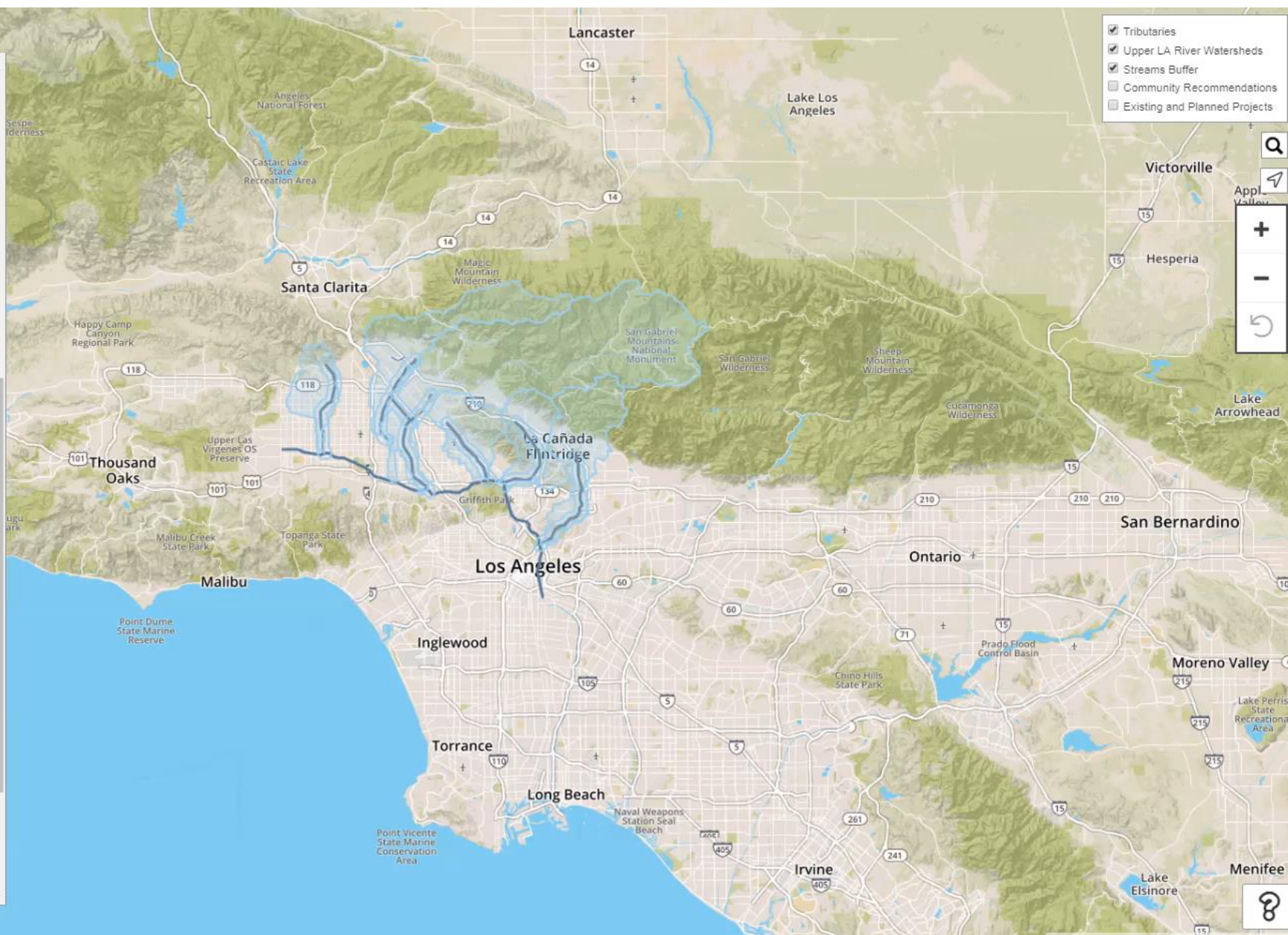
		
		
		

Pedestrian Lighting / Iluminación peatonal











## Item 6. Polling activity regarding project improvement prioritization





# ITEM GOAL

Understand the factors your community wants to focus on in the **first** round of opportunity sites.



# CALENVIRO SCREEN

CalEnviroScreen uses environmental, health, and socioeconomic information to identify California communities that are especially vulnerable to pollution’s effects

OEHAA (Office of Environmental Health Hazard Assessment ) defines disadvantaged communities as those with a CalEnviroScreen of 75% or more. **A HIGHER score indicates more disadvantage.**

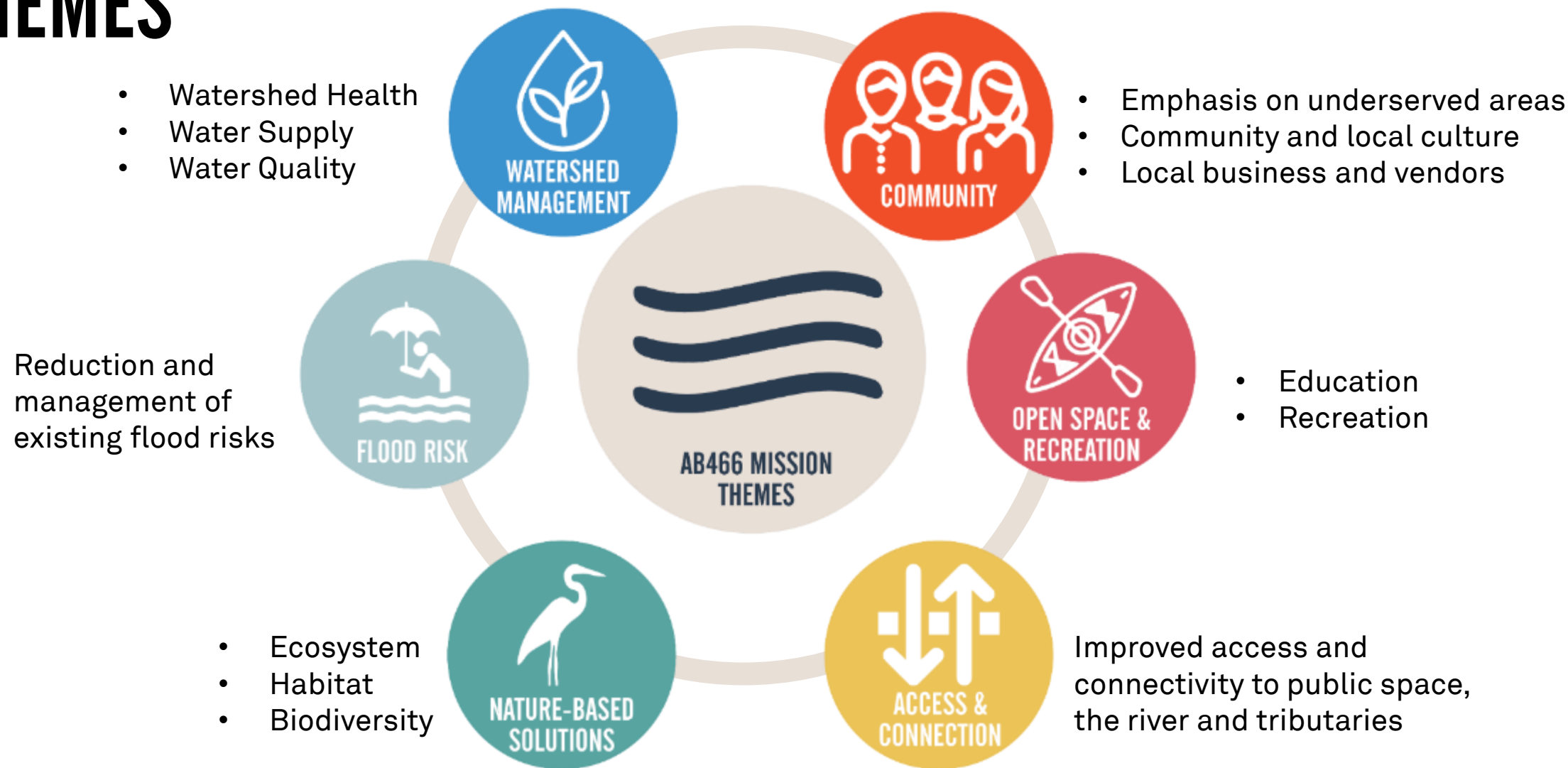
# AB466

Assembly Bill (AB) 466 was created to appoint a Working Group for the Upper LA River and Its Tributaries and develop a community-centric, watershed based revitalization plan.

- Emphasis was placed on
- Addressing communities around the Upper LA River and her tributaries
  - Recognizing the value of the waterways through watershed education programs
  - Disadvantaged communities



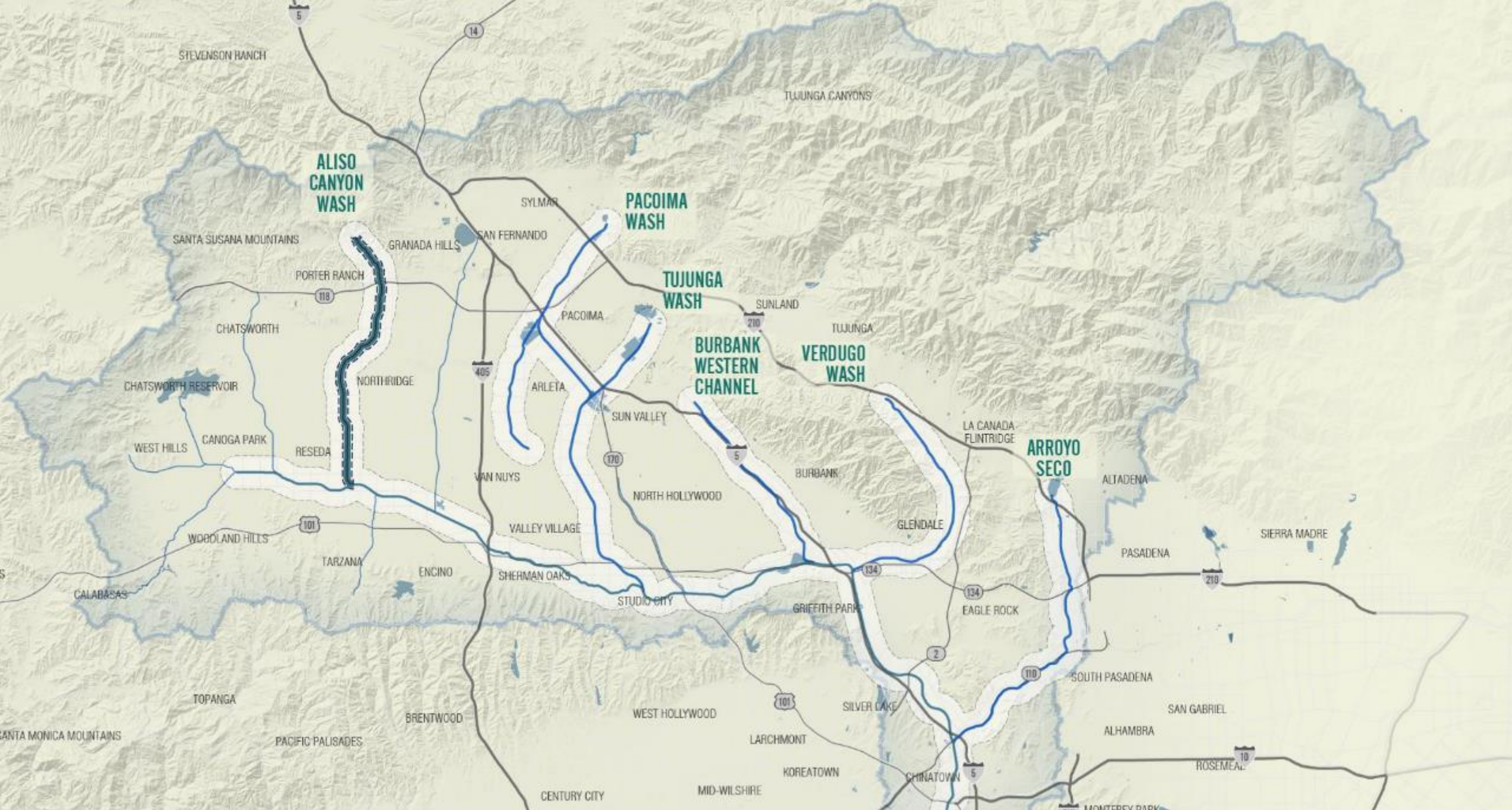
# KEY THEMES





# TRIBUTARY REVIEW & POLLING





INTRO

THEMES

ALISO

PACOIMA

TUJUNGA

BURBANK

VERDUGO

ARROYO SECO



## TRIBUTARY REVIEW

# ALISO CANYON

### CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

Mountain Lion Kitten tagged in Santa Susana Mountains

**“ Many people don’t know about the Santa Susana Mountains”**

**- Working Group Member**

**NATURE-BASED SOLUTION**

## ALISO CANYON CORRIDOR

### KEY NATURE-BASED SOLUTION FACTS

Santa Susana Mountains, a proposed significant ecological area, is within 1 mile of the wash





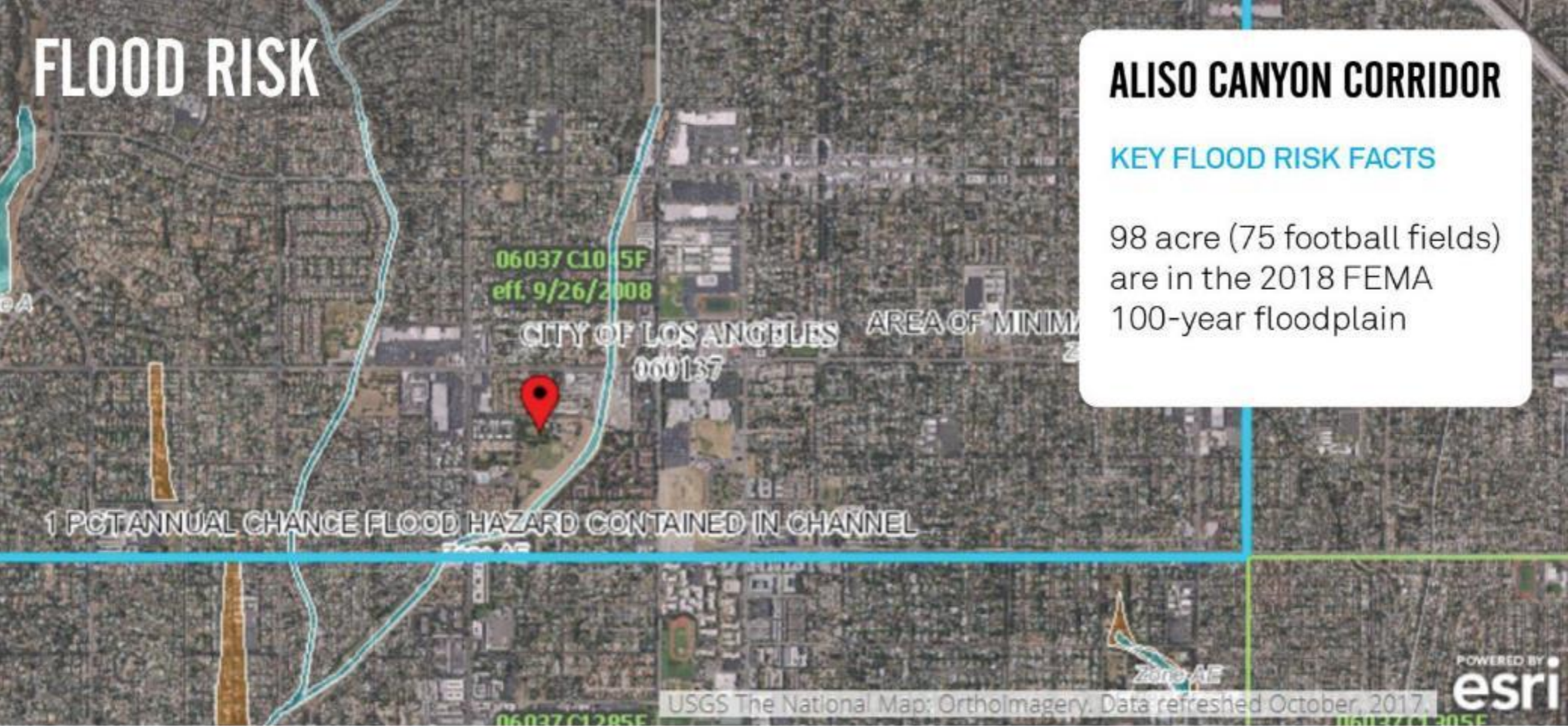
# ALISO CANYON

CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

FEMA flood map



## ALISO CANYON CORRIDOR

### KEY FLOOD RISK FACTS

98 acre (75 football fields) are in the 2018 FEMA 100-year floodplain





## TRIBUTARY REVIEW

# ALISO CANYON

## CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

Wilbur Debris Basin

**“Schools could help monitor the water quality”**

**- Member of Public**

## ALISO CANYON CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS

- High need for stormwater capture projects (EWMP)

# WATERSHED MANAGEMENT





# ALISO CANYON

CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

**“ The parks could be reconfigured into multi-benefit spaces”**

**- Working Group Member**

## ALISO CANYON CORRIDOR

### KEY OPEN SPACE AND RECREATION FACTS

- 1.91 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>
- 11 parks

<sup>1</sup>LA County Park Assessment

<sup>2</sup> Trust for Public Land



# OPEN SPACE AND RECREATION





TRIBUTARY REVIEW

# ALISO CANYON

CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

CSUN

““Opportunity for educational engagement. Lots of Schools!”

- Member of Public

## ALISO CANYON CORRIDOR

### KEY SAFE ACCESS FACTS

- Transmission corridors
- Maintenance roads
- Key Points of Interest within 0.5 miles
  - Cal State Northridge
  - Metrolink Northridge Station
  - 17 schools
  - 11 parks

ACCESS + CONNECTION





# ALISO CANYON

## CALENVIROSCREEN

CORRIDOR AVERAGE - 60%

Key observations about the Aliso Canyon Wash from the literature review, site visits, research, committee and working group meetings.

Downtown Northridge

“ Can we create something for the community? Especially seniors?”

-Working Group Member

## ALISO CANYON CORRIDOR

### KEY COMMUNITY FACTS

- CalEnviroScreen Score: 60%<sup>1</sup>
- Density: 19 people/acre (13 people/acre - LA County Avg)<sup>2</sup>
- 17 schools and 11 parks within 0.5 miles

<sup>1</sup> CES 3.0, OEHHA

<sup>2</sup> US Census, 2010

COMMUNITY





POLLING

# ALISO CANYON

CALENVIROSCREEN  
CORRIDOR AVERAGE - 60%

Please use your *clickers* to choose the **TOP 2** themes.

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NATURE BASED SOLUTIONS



FLOOD RISK



WATERSHED MANAGEMENT



OPEN SPACE + RECREATION

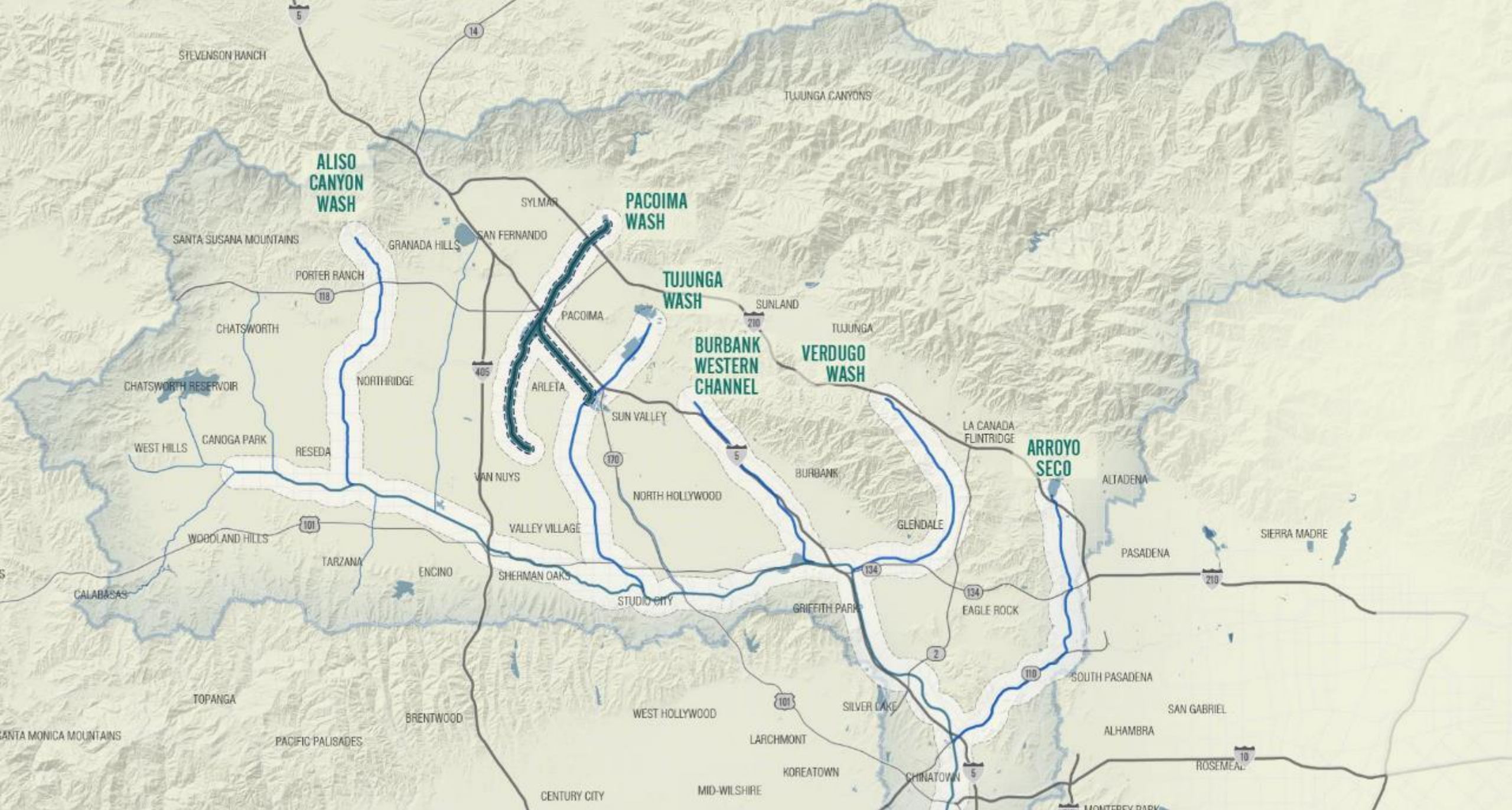


ACCESS + CONNECTION



COMMUNITY





INTRO

THEMES

ALISO

PACOIMA

TUJUNGA

BURBANK

VERDUGO

ARROYO SECO



TRIBUTARY REVIEW

# PACOIMA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

Angeles National Forest

Angeles National Forest

**“(There are) hundreds of acres of natural habitat at our doorstep. But, its hard for animals and even people to get to it.”**

**- Member of Public**

**NATURE-BASED SOLUTION**

## PACOIMA CORRIDOR

KEY NATURE-BASE  
SOLUTION FACTS

Angeles National Forest, a proposed significant ecological areas, is within 0.5 miles of the wash





## TRIBUTARY REVIEW

# PACOIMA WASH

## CALENVIROSCREEN

CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

Render of Pacoima Wash's green infrastructure upgrades that will be paired with improved pump stations



## PACOIMA CORRIDOR

### KEY FLOOD RISK FACTS

LA Sanitation plans to improve existing pump stations along Pacoima Wash to enhance flood control and provide water quality benefits.

# FLOOD RISK





# TRIBUTARY REVIEW

# PACOIMA WASH

CALENVIROSCREEN  
CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

Pacoima Wash  
(South of Tujunga Wash)

“Schools, parks, medians...we should think creatively about what could be an infiltration space”

- Member of Public



## WATERSHED MANAGEMENT

## PACOIMA CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS



“Orphaned” Old Pacoima Wash presents opportunity for creative watershed management solutions





# TRIBUTARY REVIEW PACOIMA WASH

CALENVIROSCREEN  
CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

Pacoima Middle School

**“Create recreational activities at places like the Pacoima Spreading Grounds, To meet community needs, we need to create multi-use facilities”**

**- Working Group Member**

## **PACOIMA CORRIDOR** KEY OPEN SPACE AND RECREATION FACTS

- 1.45 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>

<sup>1</sup>LA County Park Assessment

<sup>2</sup> Trust for Public Land

**OPEN SPACE AND RECREATION**





## TRIBUTARY REVIEW

# PACOIMA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

**“Pacoima is filled with large, busy streets that make it hard to walk or bike. This is especially difficult because it’s a strongly transit-dependent community”**

**- Working Group Member**

## PACOIMA CORRIDOR

### KEY SAFE ACCESS FACTS

- Maintenance roads are typical on both sides
- 40 schools and 6 parks within 0.5 miles

**ACCESS + CONNECTION**





# TRIBUTARY REVIEW

# PACOIMA WASH

## CALENVIROSCREEN

CORRIDOR AVERAGE - 76%

Key observations about the Pacoima Wash from the literature review, site visits, research, committee and working group meetings.

Pacoima Beautiful Cleanup

**“Please consider people in the process and the opportunities this can mean for our community.”**

**- Member of Public**

## PACOIMA CORRIDOR

### KEY COMMUNITY FACTS

- CalEnviroScreen Score: 76%<sup>1</sup>
- Density: 18 people/acre (13 people/acre - LA County Avg)<sup>2</sup>
- 40 schools and 6 parks within 0.5 miles

<sup>1</sup> CES 3.0, OEHHA  
<sup>2</sup> US Census, 2010

# COMMUNITY





POLLING

# PACOIMA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 76%

Please use your  
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**NATURE BASED  
SOLUTIONS**



**FLOOD RISK**



**WATERSHED  
MANAGEMENT**



**OPEN SPACE +  
RECREATION**

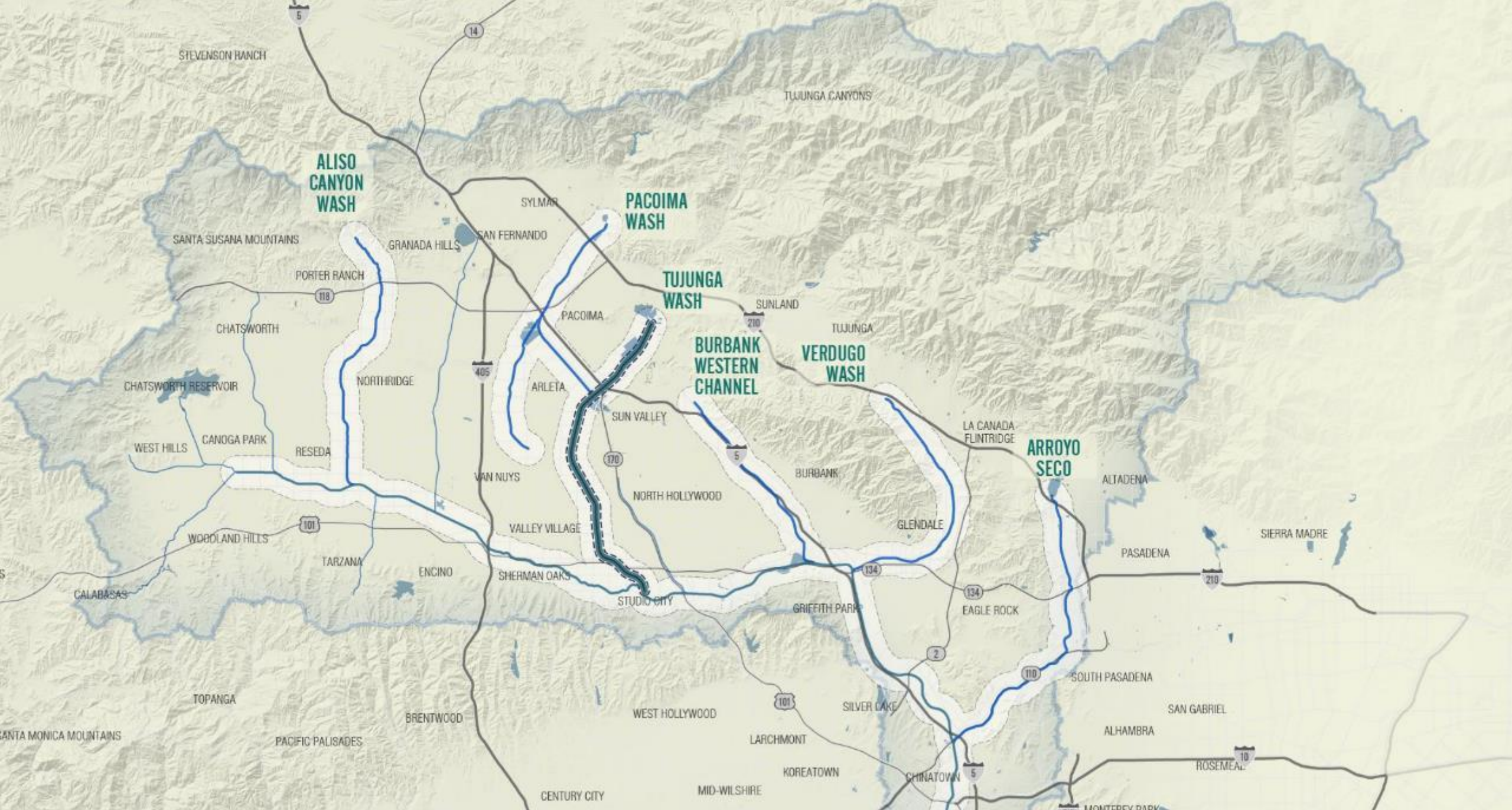


**ACCESS +  
CONNECTION**



**COMMUNITY**







TRIBUTARY REVIEW

# TUJUNGA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the literature review, site visits, research, committee and working group meetings.

Coyote at Hansen Dam

**“We need to consider access to the Tujunga Wash from Hansen Dam”**

- Member of Public

## NATURE-BASED SOLUTION

### TUJUNGA WASH CORRIDOR

#### KEY NATURE-BASED SOLUTION FACTS

Hansen Dam, a proposed significant ecological area, is within 0.5 miles of the wash





## TRIBUTARY REVIEW

# TUJUNGA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the literature review, site visits, research, committee and working group meetings.

“There is localized flooding at Tuxford and San Fernando Road”

- Working Group Member

## TUJUNGA WASH CORRIDOR

### KEY FLOOD RISK FACTS

Large unmet drainage needs (11.8 miles)

FLOOD RISK





TRIBUTARY REVIEW

# TUJUNGA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the literature review, site visits, research, committee and working group meetings.

Nature-based solutions at Woodman Avenue

**“This is an opportunity to teach people about water quality monitoring and develop the workforce”**

**- Working Group Member**

## TUJUNGA WASH CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS

Highly permeable soils and groundwater connectivity

# WATERSHED MANAGEMENT





# TUJUNGA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the literature review, site visits, research, committee and working group meetings.



## TUJUNGA WASH CORRIDOR

### KEY OPEN SPACE AND RECREATION FACTS

- 1.65 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>
- 14 parks

<sup>1</sup>LA County Park Assessment

<sup>2</sup> Trust for Public Land

# OPEN SPACE AND RECREATION





# TUJUNGA WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the literature review, site visits, research, committee and working group meetings.

Market located off the wash

**“ How can we connect to the upcoming High Speed Rail and schools?”**

**- Working Group Member**



## TUJUNGA WASH CORRIDOR

### KEY SAFE ACCESS FACTS

- Maintenance roads (50'+) typical on at least one side of the waterway
- Key Points of Interest within 0.5 miles
  - Hansen Dam
  - Commercial zones on Victory and Riverside Drive
  - Orange Line Busway
  - MetroLink Van Nuys Station
  - LA Valley College
  - 26 schools
  - 14 parks

**ACCESS + CONNECTION**





# TUJUNGA WASH

## CALENVIROSCREEN

CORRIDOR AVERAGE - 70%

Key observations about the Tujunga Wash from the December Committee meetings and the January Working Group

Grant High School

**“Potential to work with schools like Grant or Campbell Hall...and local tribes”**

**- Working Group and Member of the Public**

**COMMUNITY**

## TUJUNGA WASH CORRIDOR

### KEY COMMUNITY FACTS

- CalEnviroScreen Score: 70%<sup>1</sup>
- Density: 38 people/acre (13 people/acre - LA County Avg)<sup>2</sup>
- 26 schools and 14 parks within 0.5 miles
- Runs through
  - Pacoima
  - Sun Valley
  - Valley Glen
  - Valley Village
  - Studio City

<sup>1</sup> CES 3.0, OEHHA

<sup>2</sup> US Census, 2010





POLLING

# TUJUNGA WASH

CALENVIROSCREEN  
CORRIDOR AVERAGE - 70%

Please use your  
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**NATURE BASED  
SOLUTIONS**



**FLOOD RISK**



**WATERSHED  
MANAGEMENT**



**OPEN SPACE +  
RECREATION**

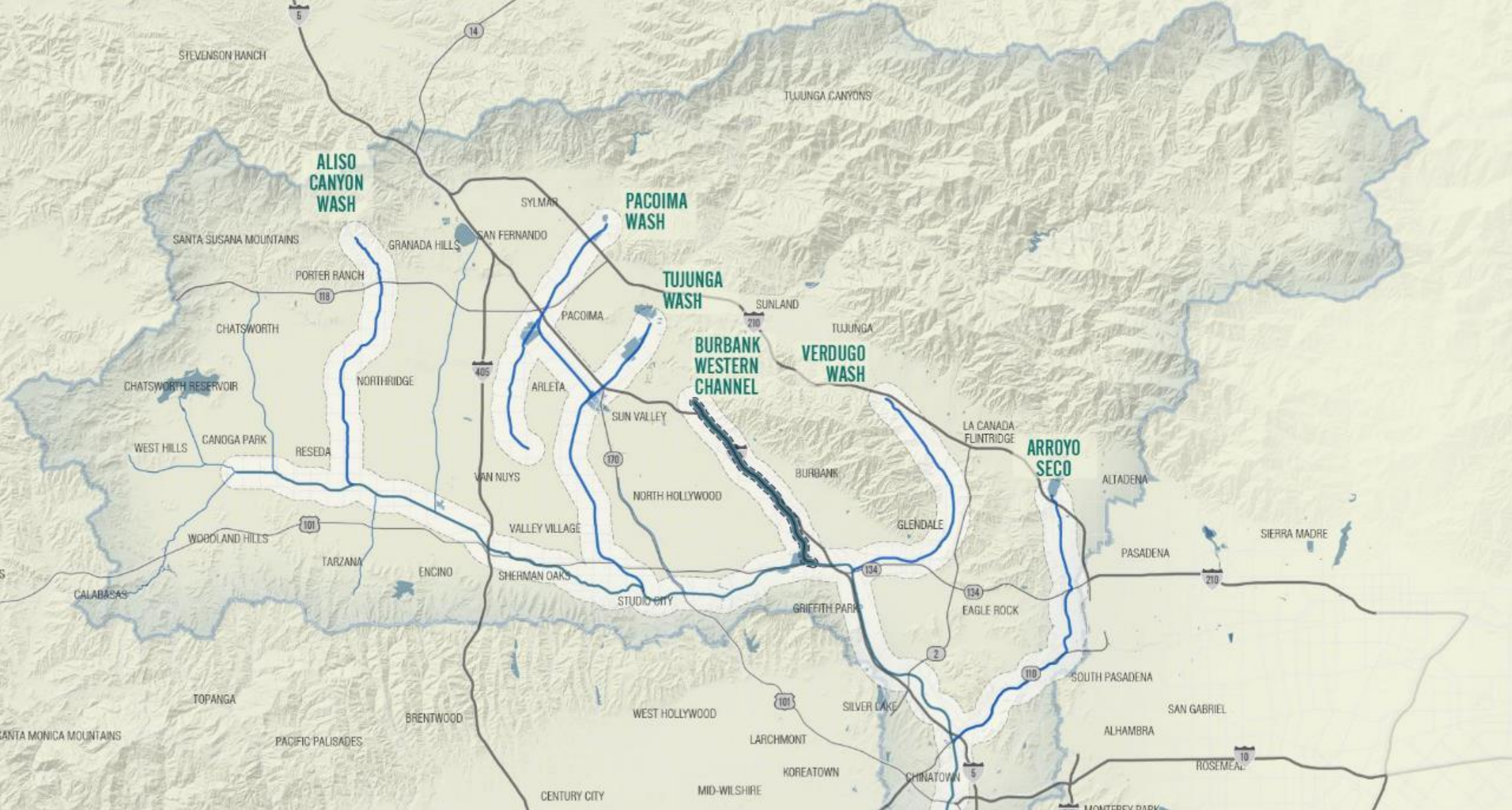


**ACCESS +  
CONNECTION**



**COMMUNITY**





INTRO

THEMES

ALISO

PACOIMA

TUJUNGA

BURBANK

VERDUGO

ARROYO SECO



TRIBUTARY REVIEW

# BURBANK WESTERN

CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

Bobcat spotted at Griffith Park

**“ Wildlife connectivity needed to/from Griffith Park!”**

**- Working Group Member**

**NATURE-BASED SOLUTION**

## BURBANK WESTERN CORRIDOR

KEY NATURE-BASED SOLUTION FACTS

Griffith Park and Verdugo Mountains, proposed significant ecological areas, are within 0.5 miles of the wash





# BURBANK WESTERN

CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

## FLOOD RISK

**“Regular flooding when it rains!”**

- Working Group Member

**STORM TRACK**

**FLASH FLOOD AND MUDSLIDE CON**

**BURBANK**

## BURBANK WESTERN CORRIDOR

### KEY FLOOD RISK FACTS

- FEMA suggests high flood risk near intersection of Burbank and Victory Blvd
- County identified local flooding areas that may require local drainage improvements





## TRIBUTARY REVIEW

# BURBANK WESTERN

CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

**“Consider an innovative use for waterways and infiltration basins in the dry season...”**

**- Working Group Member**

## BURBANK WESTERN CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS

- No soft-bottomed sections
- Relatively high pollutant loading



**WATERSHED MANAGEMENT**





## TRIBUTARY REVIEW

# BURBANK WESTERN

### CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

Taikwando at Verdugo Park



## BURBANK WESTERN CORRIDOR

### KEY OPEN SPACE AND RECREATION FACTS

- 3.76 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>
- 15 parks

<sup>1</sup>LA County Park Assessment

<sup>2</sup>Trust for Public Land

<sup>3</sup>2010 Census

# OPEN SPACE AND RECREATION





# BURBANK WESTERN

CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

The commercial strip on San Fernando Road

**“ Burbank Station is the busiest MetroLink station. How can we connect to the station and downtown Burbank”**

**- Working Group Member**

**IKEA**

**ACCESS + CONNECTION**

## BURBANK WESTERN CORRIDOR

### KEY SAFE ACCESS FACTS

- Adjacent to the I-5 for
- Maintenance road on one side for majority of length
- Key Points of Interest within 0.5 miles
  - Metrolink Station
  - Orange Line BRT station
  - Woodbury University
  - Burbank Town Center (Ikea)
  - 17 schools
  - 15 parks



**ACCESS & CONNECTION**



# BURBANK WESTERN

CALENVIROSCREEN

CORRIDOR AVERAGE - 69%

Key observations about Burbank Western from the literature review, site visits, research, committee and working group meetings.

Downtown Burbank Car Classic

“ Add historical elements, community elements, and wayfinding to the waterway”

- Working Group Member

## BURBANK WESTERN CORRIDOR

### KEY COMMUNITY FACTS

- Density: 26 people/acre (13 people/acre - LA County Avg)<sup>2</sup>
- 17 schools and 15 parks within 0.5 miles
- Runs through
  - Glendale
  - Burbank

<sup>1</sup> 2010 Census

COMMUNITY





POLLING

# BURBANK WESTERN

CALENVIROSCREEN  
CORRIDOR AVERAGE - 69%

Please use your  
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NATURE BASED  
SOLUTIONS



FLOOD RISK



WATERSHED  
MANAGEMENT



OPEN SPACE +  
RECREATION

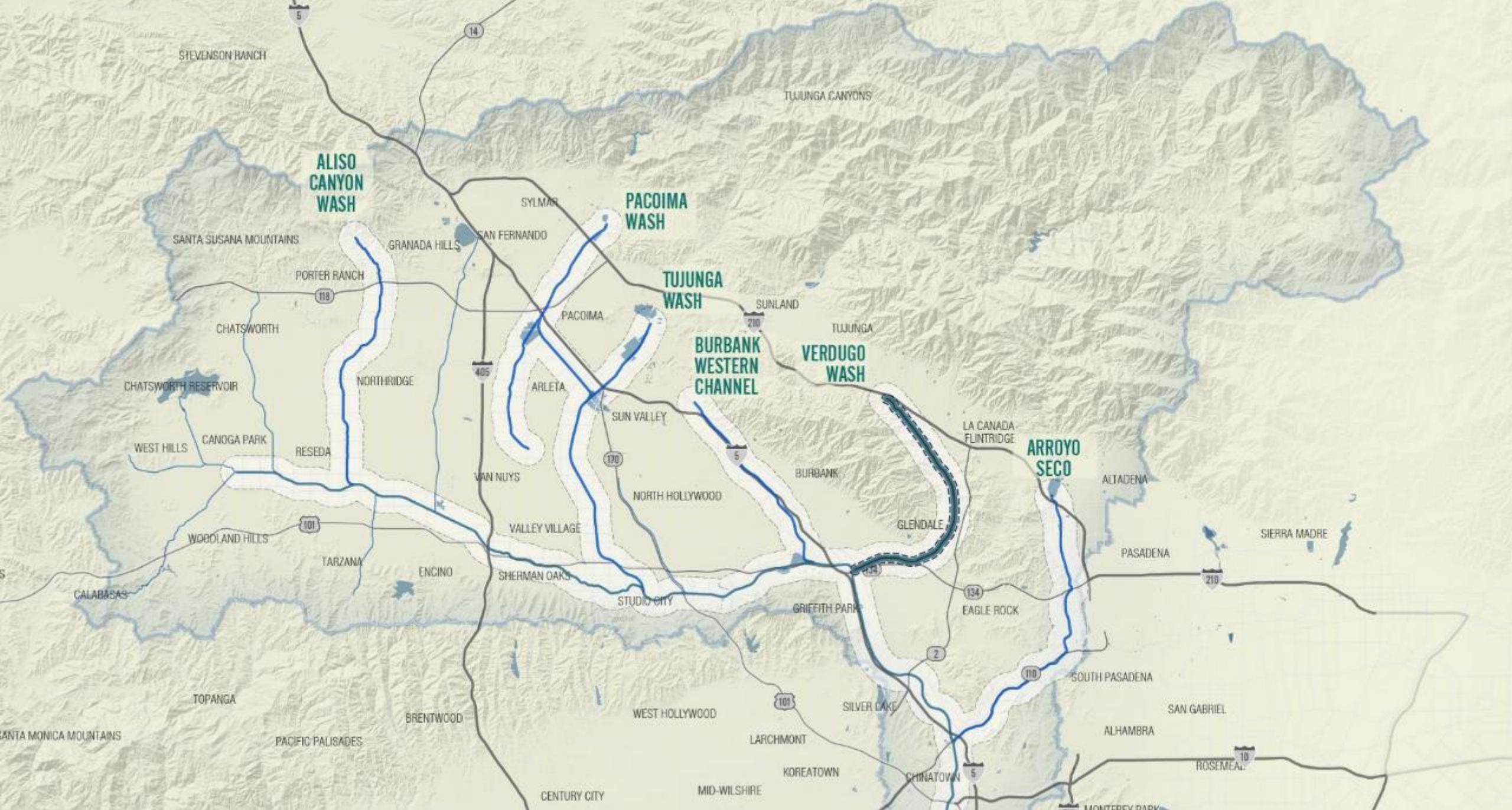


ACCESS +  
CONNECTION



COMMUNITY







TRIBUTARY REVIEW

# VERDUGO WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.

Verdugo Mountains

**“ The 5-6 channels running from the debris basin to Verdugo Wash could be a possible wildlife connector. “**

**- Member of the Public**

## VERDUGO WASH CORRIDOR

KEY NATURE-BASED  
SOLUTION FACTS

Verdugo Mountains and Griffith Park, proposed significant ecological areas, are within 0.5 miles of the wash

**NATURE-BASED SOLUTION**





## TRIBUTARY REVIEW

# VERDUGO WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.



## VERDUGO WASH CORRIDOR

### KEY FLOOD RISK FACTS

- FEMA Floodplain maps do not show areas of flood risk for the 100-year flood event.
- Localized flooding indicate areas to evaluate local drainage improvements

**FLOOD RISK**





## TRIBUTARY REVIEW

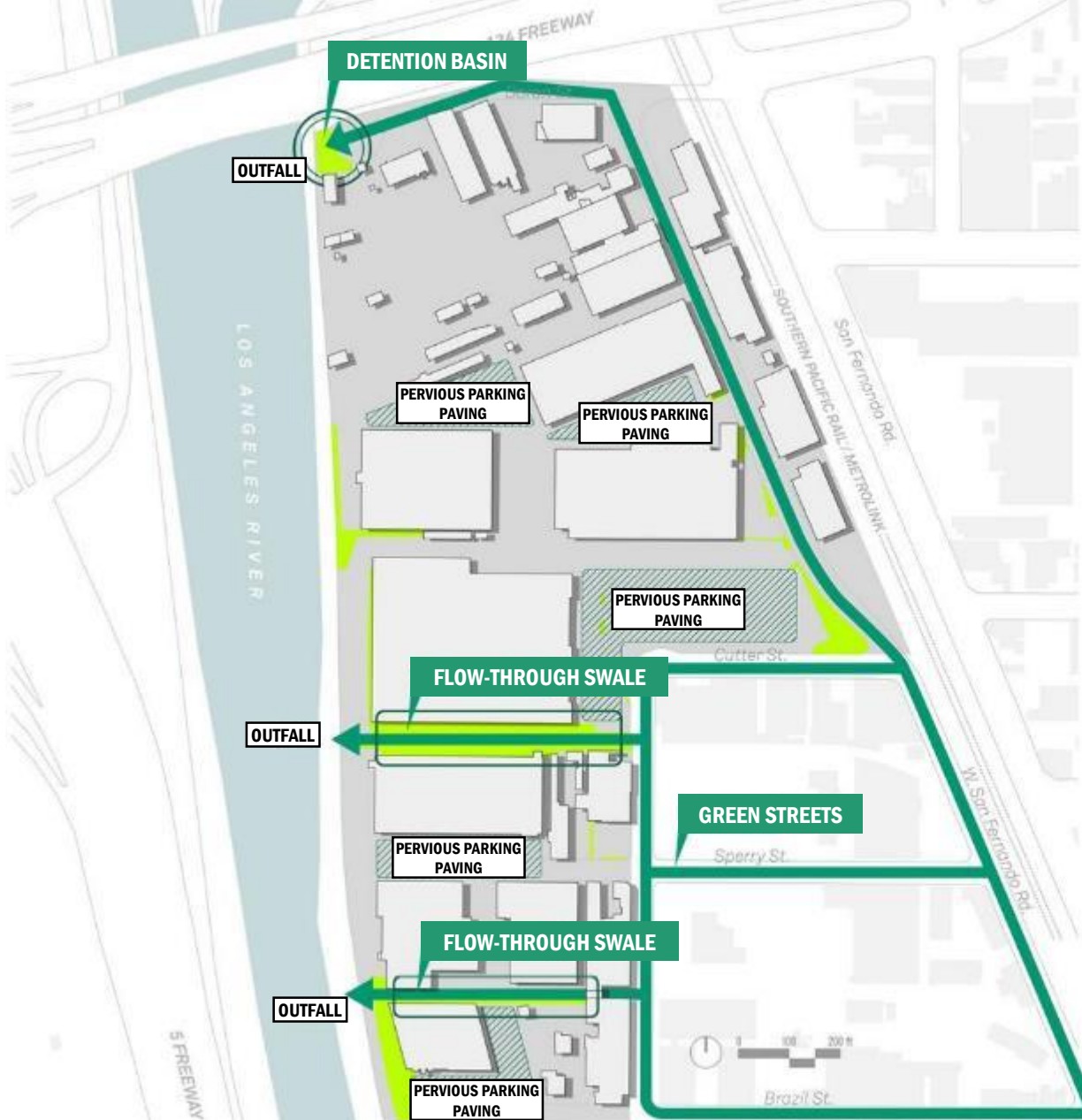
# VERDUGO WASH

## CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.

Water capture opportunities at the confluence of the LA River and the Verdugo Wash



## WATERSHED MANAGEMENT

## VERDUGO WASH CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS

- EWMP proposed water capture project at Fremont Park (City of Glendale)
- Upcoming project

“Where else could we put in infiltration basins?”

- Working Group Member





# VERDUGO WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.

Temple City HS Cross Country Team at Crescenta Valley Park

“South Glendale is a park poor area. We need to create a connection to Griffith Park across the LA River. Maybe a recreation bridge?”

- Working Group Member



OPEN SPACE AND RECREATION

## VERDUGO WASH CORRIDOR

### KEY OPEN SPACE AND RECREATION FACTS

- 5.24 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>
- 26 parks

<sup>1</sup>LA County Park Assessment

<sup>2</sup>Trust for Public Land

<sup>3</sup>2010 Census





TRIBUTARY REVIEW

# VERDUGO WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.

Glendale Narrows  
River Walk

“Let's create connections between the LA River and existing institutions, like the Glendale Community College

- Working Group Member

## VERDUGO WASH CORRIDOR

### KEY SAFE ACCESS FACTS

- Limited Maintenance roads
- Key Points of Interest within 0.5 miles
  - Glendale Community College
  - Glendale Civic Auditorium
  - Verdugo Park
  - 26 parks
  - 13 schools



ACCESS + CONNECTION

Glendale Narrows River Walk



# VERDUGO WASH

CALENVIROSCREEN

CORRIDOR AVERAGE - 51%

Key observations about Verdugo Wash from the literature review, site visits, research, committee and working group meetings.

Downtown Glendale

**“ Work with community groups like the Glendale Volunteer Trail Safety Patrol”**

**- Working Group Member**

## VERDUGO WASH CORRIDOR

### KEY COMMUNITY FACTS

- Density: 29 people/acre (13 people/acre - LA County Avg)<sup>1</sup>
- 13 schools and 26 parks within 0.5 miles
- Runs through
  - La Crescenta
  - Glendale (majority)

<sup>1</sup> 2010 Census

COMMUNITY





POLLING

# VERDUGO WASH

CALENVIROSCREEN  
CORRIDOR AVERAGE - 51%

Please use your  
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**NATURE BASED  
SOLUTIONS**



**FLOOD RISK**



**WATERSHED  
MANAGEMENT**



**OPEN SPACE +  
RECREATION**



**ACCESS +  
CONNECTION**



**COMMUNITY**

INTRO

THEMES

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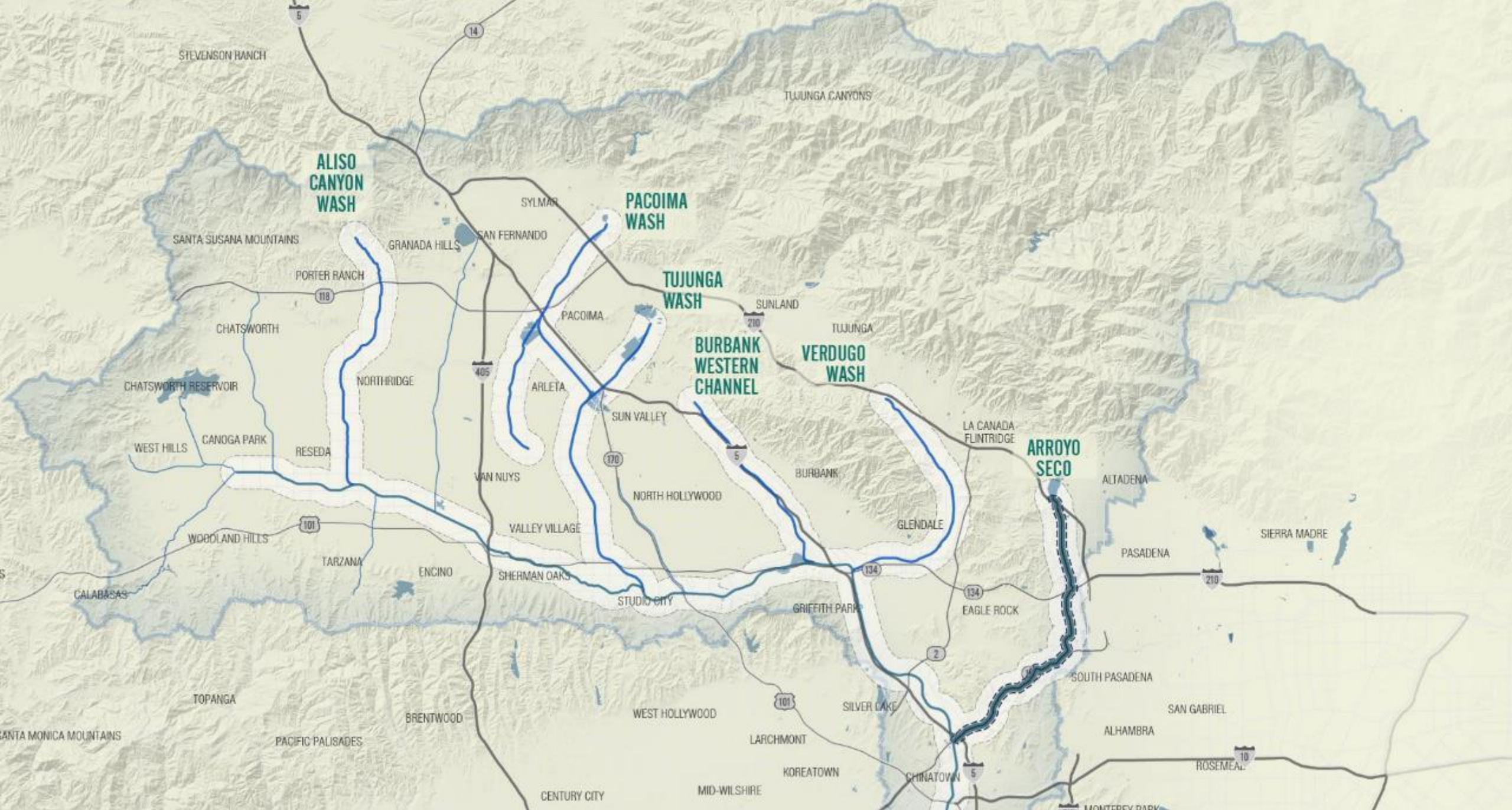
TUJUNGA

BURBANK

VERDUGO

ARROYO SECO





INTRO

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TUJUNGA

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VERDUGO

ARROYO SECO



TRIBUTARY REVIEW

# ARROYO SECO

CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

Arroyos & Foothill Conservancy

**“Create connection to the East. Cougars and Bobcats have been seen in San Rafael”**

**- Member of the Public**

**NATURE-BASED SOLUTION**

## ARROYO SECO CORRIDOR

KEY NATURE-BASED  
SOLUTION FACTS

Altadena Foothills and Arroyos, a proposed significant ecological areas, are within 1 mile of the wash





## TRIBUTARY REVIEW

# ARROYO SECO

CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

**“The flood channel is outdated and wasteful. A stream restoration program is needed”**

**- Working Group Member**

## ARROYO SECO CORRIDOR

### KEY FLOOD RISK FACTS

- FEMA Flood maps do not indicate high flood risk along the Arroyo Seco Channel
- Localized flooding has been identified for evaluation for local drainage improvements

**FLOOD RISK**





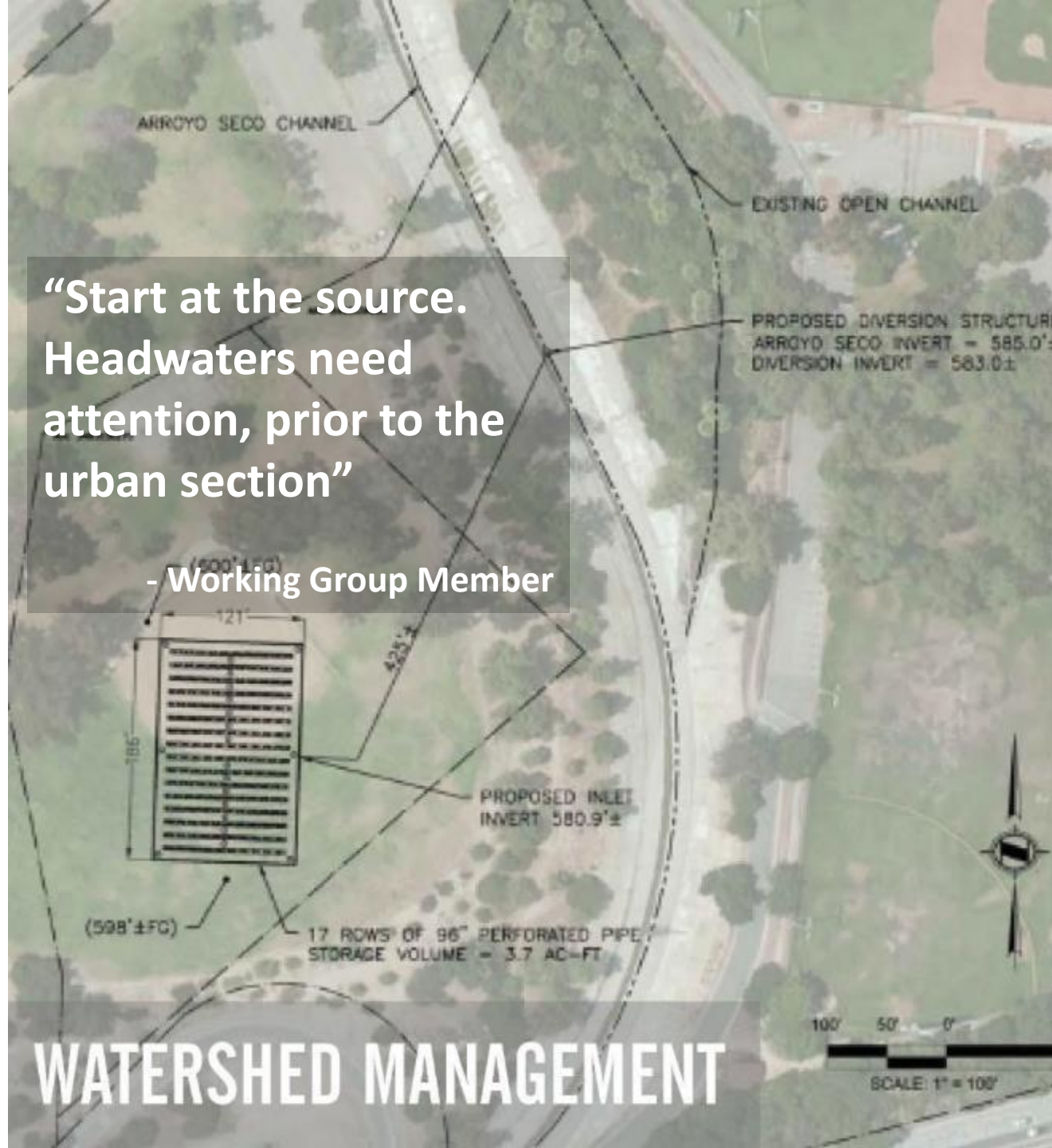
# ARROYO SECO

CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

EWMP Signature Project at Arroyo Park



## ARROYO SECO CORRIDOR

### KEY WATERSHED MANAGEMENT FACTS

- EWMP Signature Project at Arroyo Park in South Pasadena (infiltration gallery)
- Load reduction strategy for Arroyo Seco aims to address bacteria by “drying up” watershed





# ARROYO SECO

## CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

Ernest E Debs Regional Park



## ARROYO SECO CORRIDOR

### KEY OPEN SPACE AND RECREATION FACTS

- 9.36 acres of park space per 1,000 people<sup>1</sup>
- 13.1 acres per 1,000 people (National Avg)<sup>2</sup>
- 36 parks

<sup>1</sup>LA County Park Assessment

<sup>2</sup> Trust for Public Land

# OPEN SPACE AND RECREATION





# ARROYO SECO

CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

Rose Bowl

**“Create connections to places like the Rose Bowl. This reduce traffic and parking need”**

**- Member of Public**

**ACCESS + CONNECTION**

## ARROYO SECO CORRIDOR

### KEY SAFE ACCESS FACTS

- Existing Bike lanes
- Limited maintenance roads
- Key Points of Interest within 0.5 miles
  - Memorial Park Station
  - Dodgers Stadium
  - Rose Bowl
  - Kidspace
  - Norton Simon Museum
  - Heritage Square Museum
  - Arroyo Park
  - Elysian Park
  - 36 parks
  - 31 schools





# ARROYO SECO

CALENVIROSCREEN

CORRIDOR AVERAGE - 62%

Key observations about Arroyo Seco from the literature review, site visits, research, committee and working group meetings.

Memorial Park Station

**“Connect the public transit to the river.  
There are key cities and hubs on the Gold Line”**

**- Working Group Member**

**COMMUNITY**

## ARROYO SECO CORRIDOR

### KEY COMMUNITY FACTS

- Density: 23 people/acre (13 people/acre - LA County Avg)<sup>2</sup>
- 31 schools and 36 parks within 0.5 miles
- Runs through
  - Pasadena
  - Highland Park
  - South Pasadena
  - Mount Washington
  - Montecito Heights
  - Cypress Park
  - Lincoln Heights





POLLING

# ARROYO SECO

CALENVIROSCREEN  
CORRIDOR AVERAGE - 62%

Please use your *clickers* to choose the **TOP 2** themes.

On your *input forms* rank all the themes (1 highest -6).



**NATURE BASED SOLUTIONS**



**FLOOD RISK**



**WATERSHED MANAGEMENT**



**OPEN SPACE + RECREATION**



**ACCESS + CONNECTION**



**COMMUNITY**



POLLING

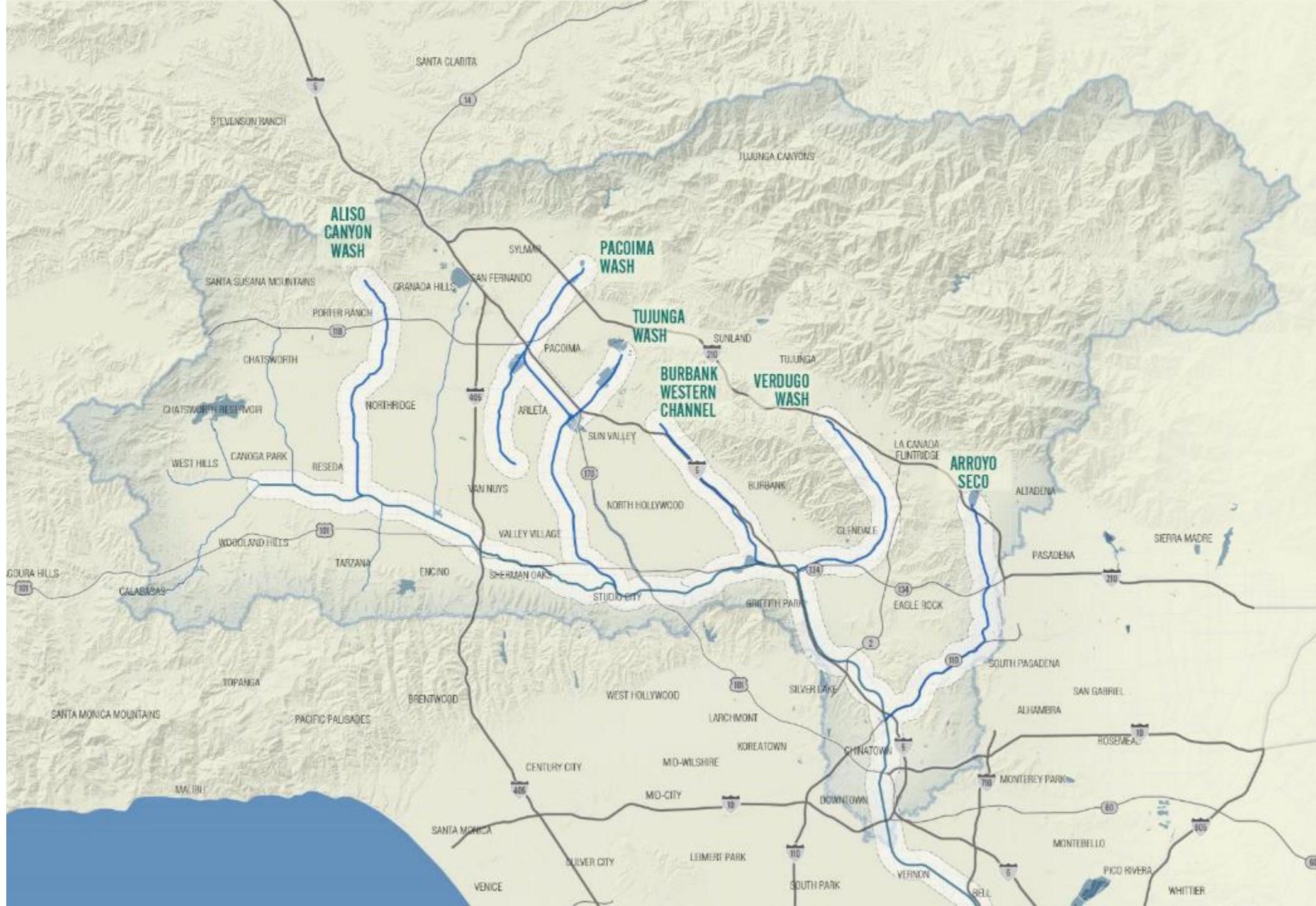
# UPPER LA WATERSHED

Please use your  
*clickers* to choose  
the

**TOP 2**

themes.

On your *input  
forms* rank all the  
themes  
(1 highest -6).







## Item 7. Review of Overall Project Framework





# ITEM GOAL

Understand the way the planning process translates into projects and scores



# Timeline

2018

2019

Inventory  
and Analysis

Initial  
Opportunity  
Sites

Draft  
Framework

Constraints  
Analysis

Concept  
Development

Revitalization  
Plan

YOU  
ARE  
HERE

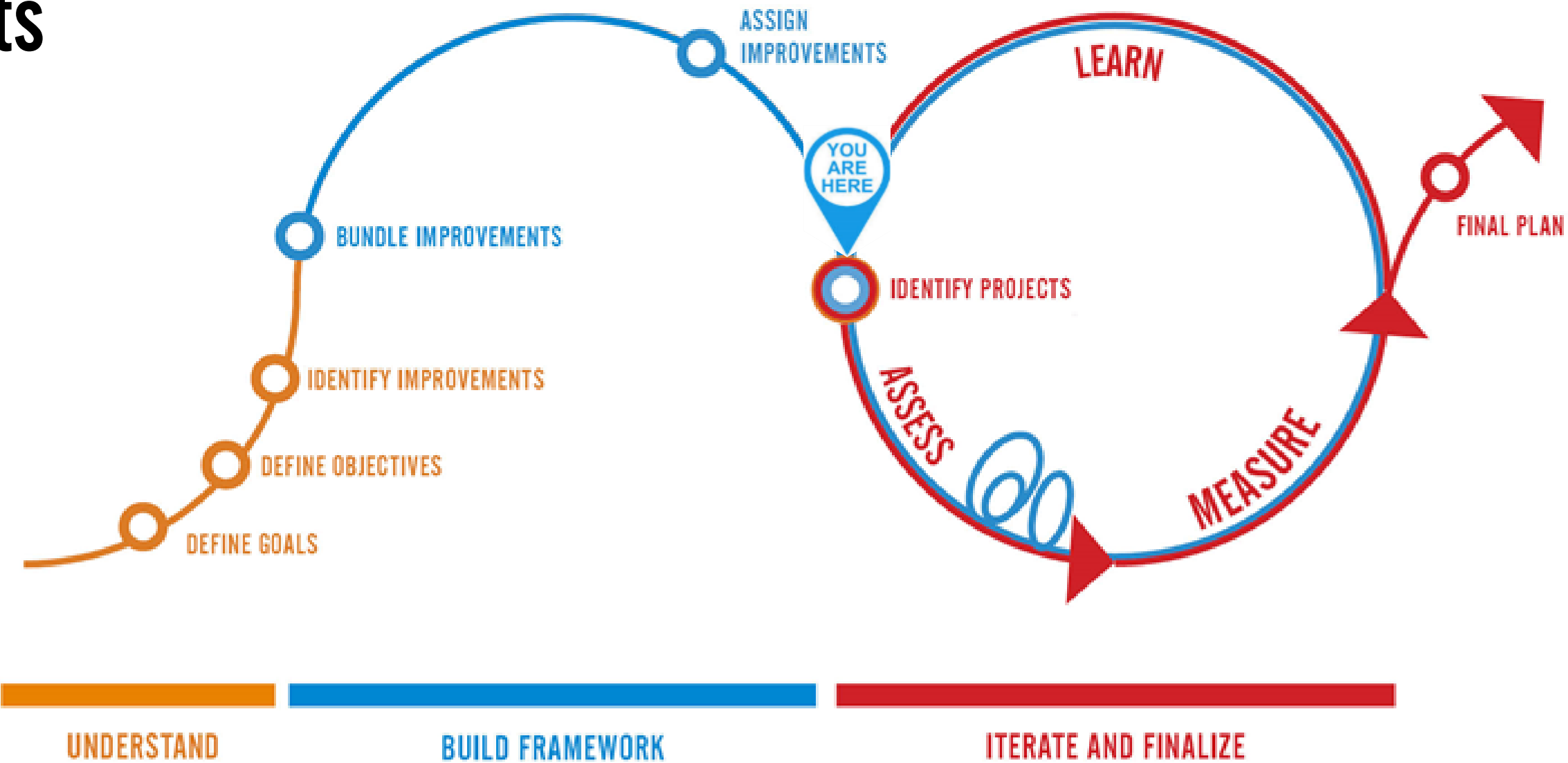
Community Engagement Plan

Community Outreach





# Formal Input Points





# Review: Analysis





# Process Timeline



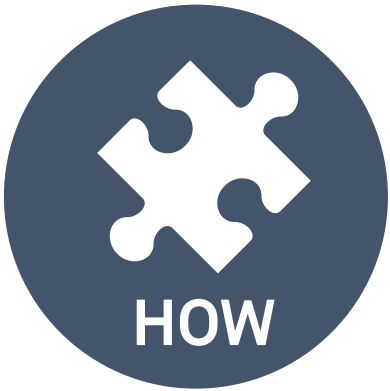
**September 2018**  
Committees  
Established



**November 2018**  
Goals and  
Objectives  
**Developed**



**December 2018**  
Opportunity  
Mapping  
(Ongoing)



**February 2019**  
Site Improvement  
("Building Block")  
Exercise

**March 2019**  
Typology  
Adoption





# Water and Environment Objectives

- +Create equitable opportunities to enhance the ecosystem, watershed health, water supply, improve water quality, habitat, and biodiversity
- +Maintain or enhance flood management
- +Balance the utilization of available space and resources for both the environment and the community
- +Assess all opportunities for resiliency to climate change



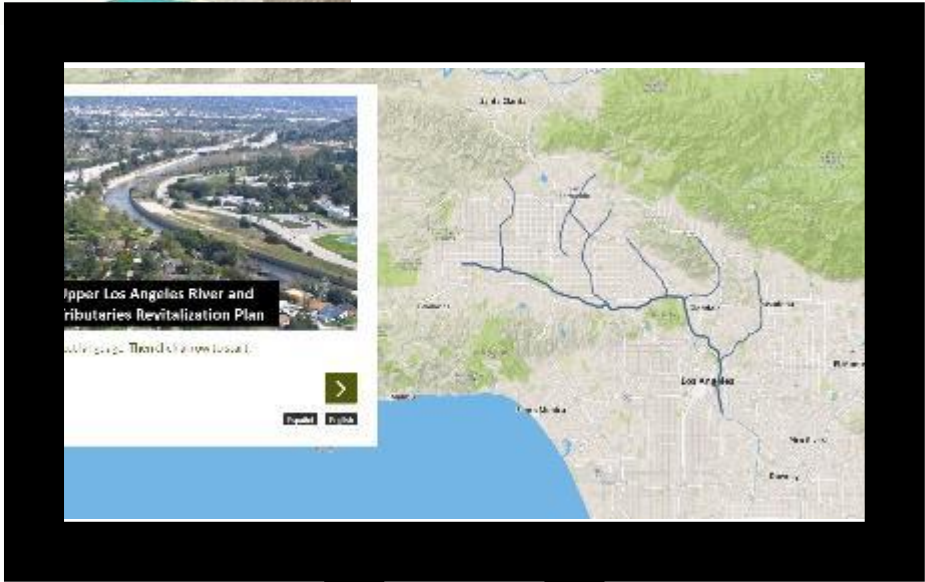
# Opportunity Mapping



Share additional comments or ideas:

The Palmdale Wash contractor to The Palmdale Spreading Grounds - LA County Flood Control District listened to The Coalition called Vitalize SFV & will enhance the fence & put a bike path along The (PSG) however its not enough. The whole circumference of the PSG can be accessible, we must vitalized superwalks like The Nature Parkway, a CA native plant garden, Devonshire which Dissects The PSG has no lighting & inside the fence where the PSG is, there is under-utilized space like falling for a small amphitheatre, dog park, mile markers, benches & most importantly lighting. ~~water~~ The waterways can be greenways & alternative mode for transportation for folks on foot & or bicycle/skate.

Thank You: Yolie Arguiano @natureparkway vitalizesfv.org





# Using Typologies to “Fill the Gaps”

Example Typology – River  
Confluences



Example Typology – Stormwater Basin





# ADOPTED TYPOLOGIES

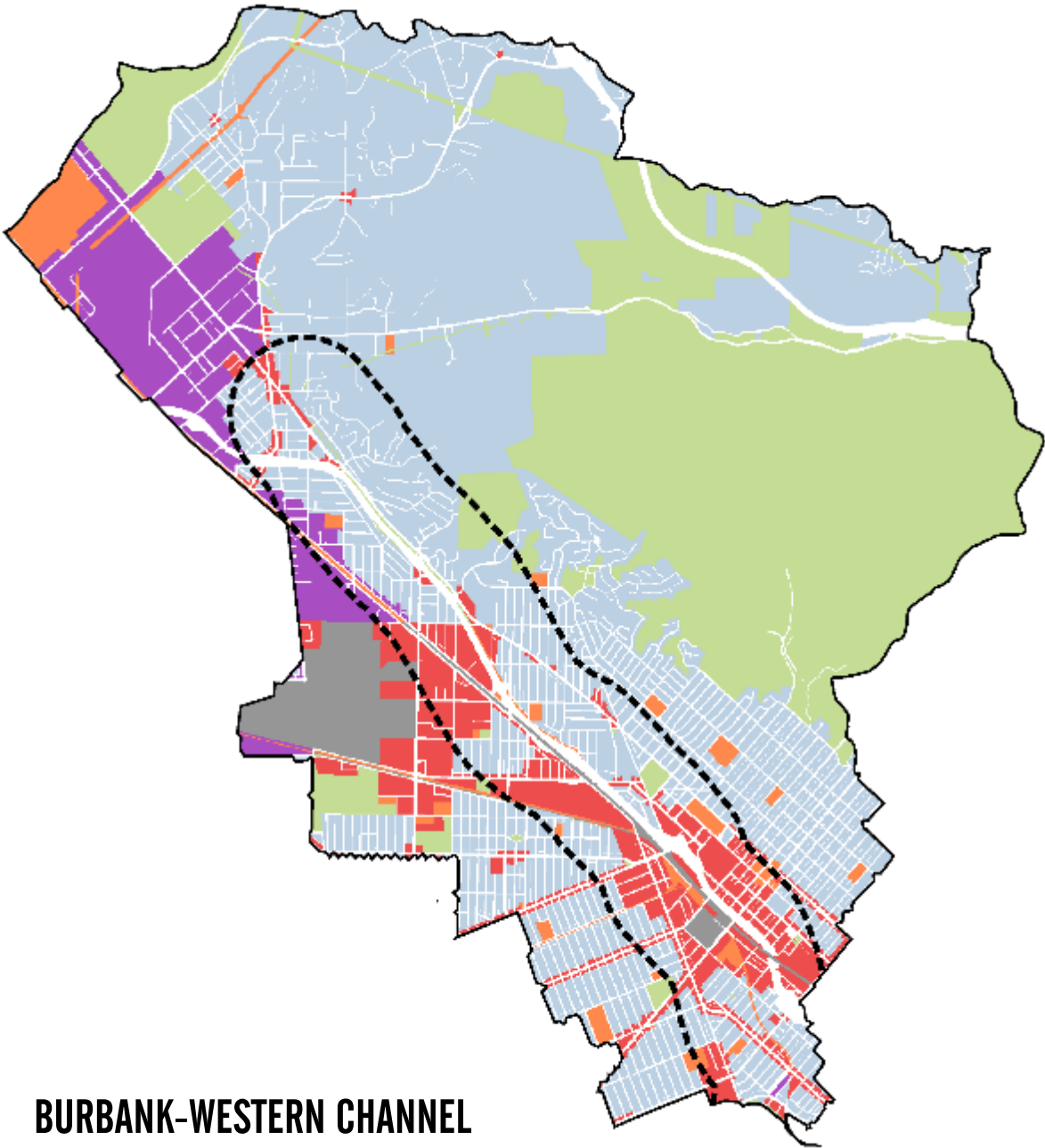
- +Bridge Crossings
- +Channel Right-of-Way
- +Commercial/Industrial
- +Ecological Connections
- +Hidden Tributaries
- +Parks
- +River Confluences
- +River Parks

- +Residential
- +Schools
- +Stormwater Basins
- +Transportation Corridors
- +Urban Barriers
- +Utility Easements & Public  
land





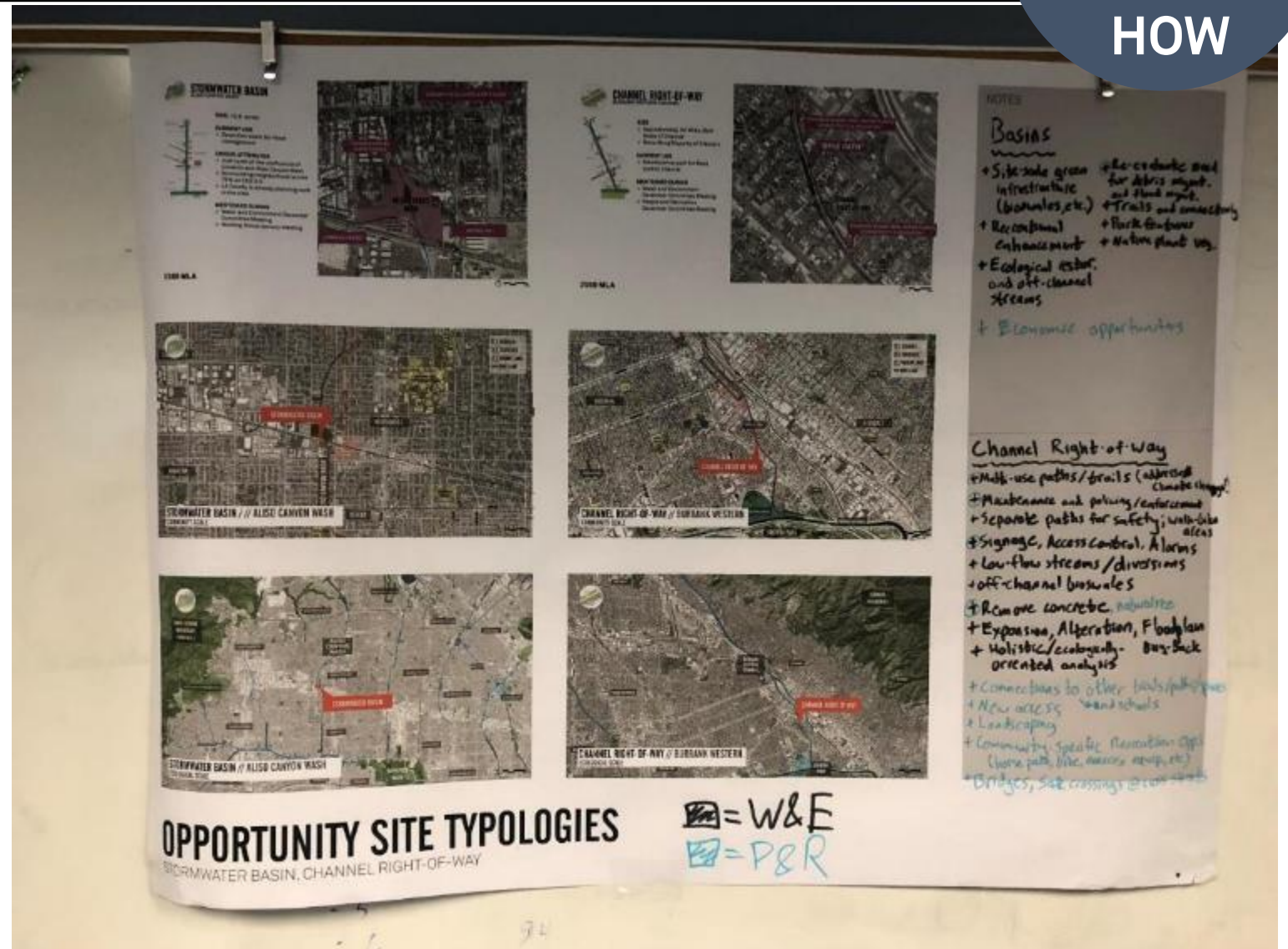
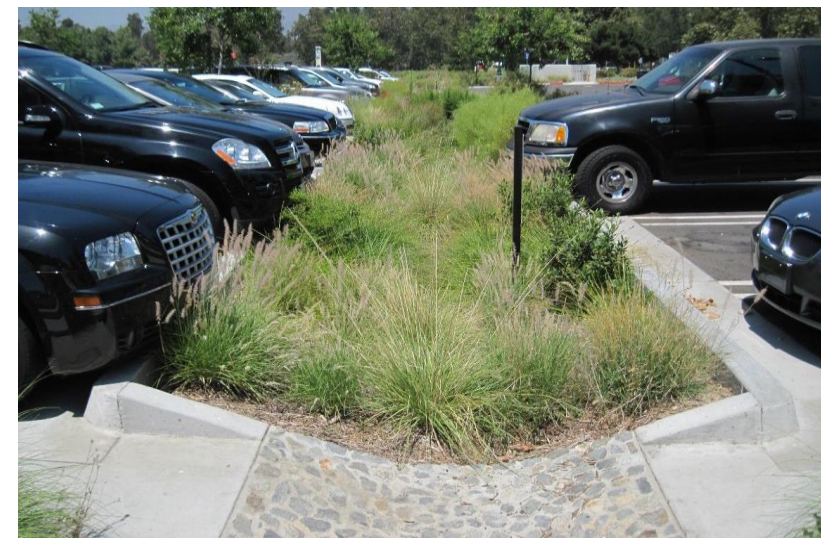
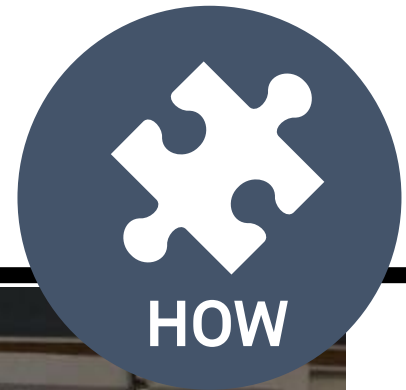
# TYPOLGY ASSIGNMENT



BURBANK-WESTERN CHANNEL



# BUILDING BLOCK EXERCISE





# SUGGESTED AND RECOMMENDED

---

## BUILDING BLOCKS

Access Control/Alarms  
Access points  
Active Recreation spaces  
Environmental Education and Stewardship  
Art/Architectural Features  
Bridges  
Bridge-Widening  
Landscaping with Native, Climate Appropriate Plants  
Channel Access  
Neighborhood Scale Connections  
Community Center  
Open Space  
Passive Recreation  
Continuous Park Space  
Pocket Parks

Shade  
Active Transit Lanes  
Formalized Walkways  
Brownfields Remediation  
Channel Expansion  
Joint-use Spaces  
Concrete Removal  
Lighting  
In-Channel Naturalization, De-armoring  
Flood Plain Expansion  
Flood Plain Restoration  
Habitat Corridor  
Habitat Restoration  
Low-flow Diversions  
Overlooks





# SUGGESTED AND RECOMMENDED

---

## BUILDING BLOCKS

Park Amenities  
Parking  
Low-Flow Stream Modification  
Multi-modal mobility options  
Multi-use Paths  
Public Art and Murals  
Recreational Enhancement  
Restrooms  
Safety Enforcement  
Safety Improvements  
Permeable Paving  
Signage, Wayfinding, Branding  
Site Scale Green Infrastructure  
Stormwater Capture and Onsite Use

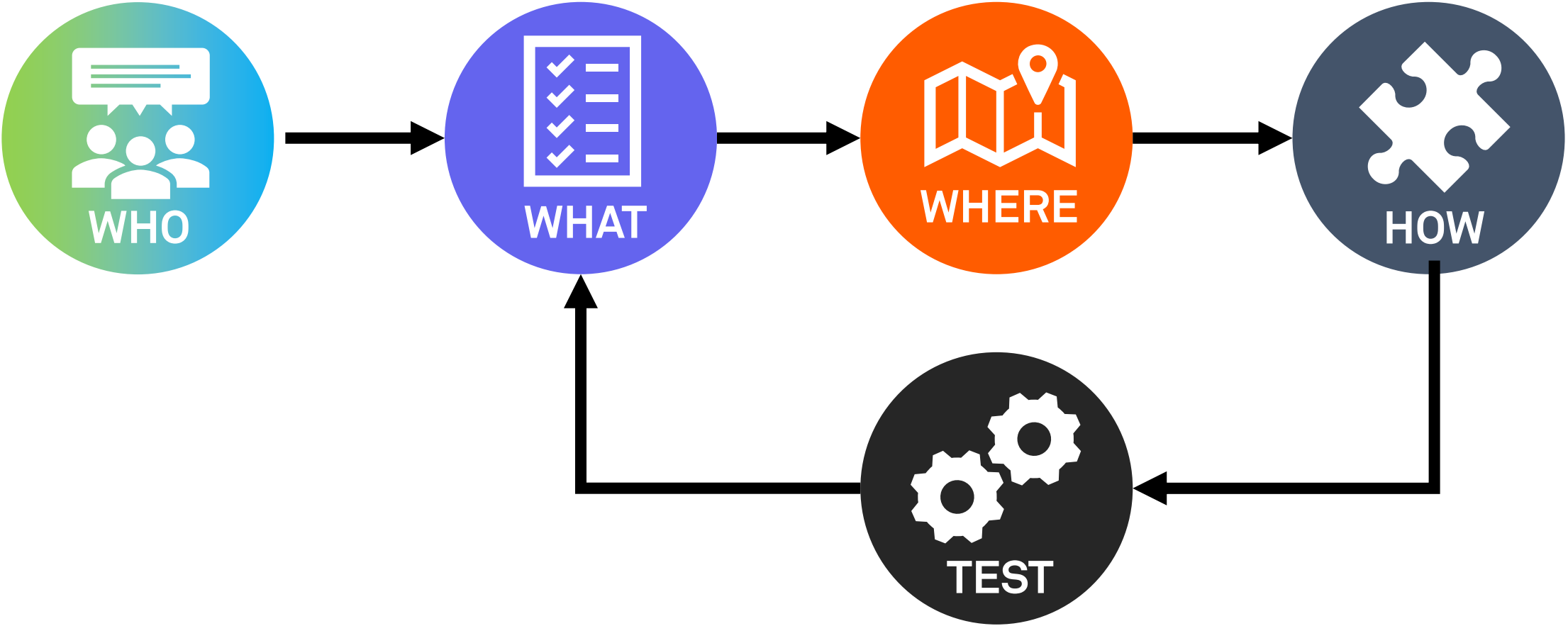
Trailheads  
Transit Connections  
Vendor Spaces  
Walk-Bike Areas  
Water Recreation  
Wildlife Bridges and crossings





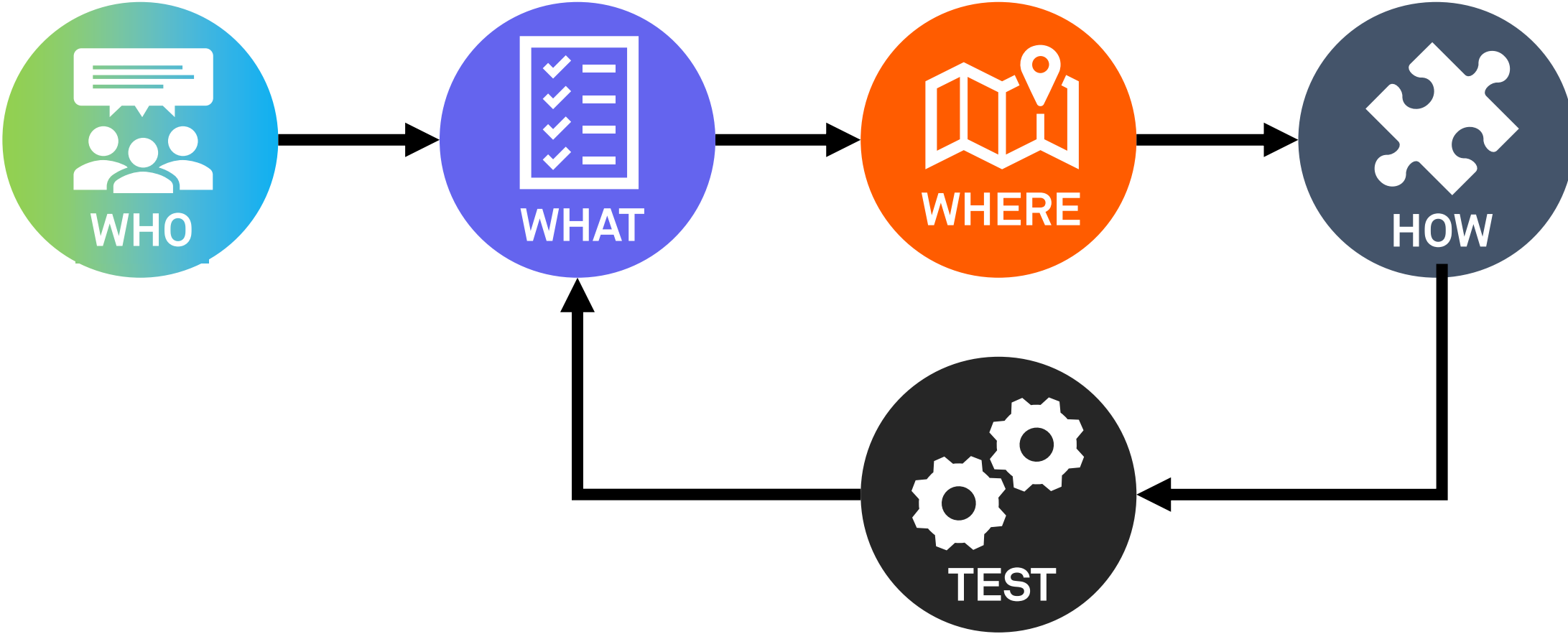
# PROCESS DESCRIPTION

## INPUT, CHECKS, AND BALANCES





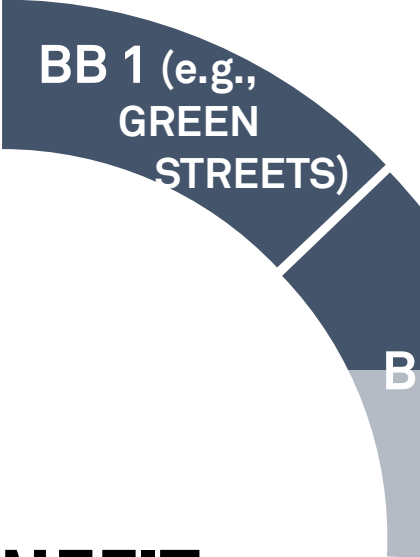
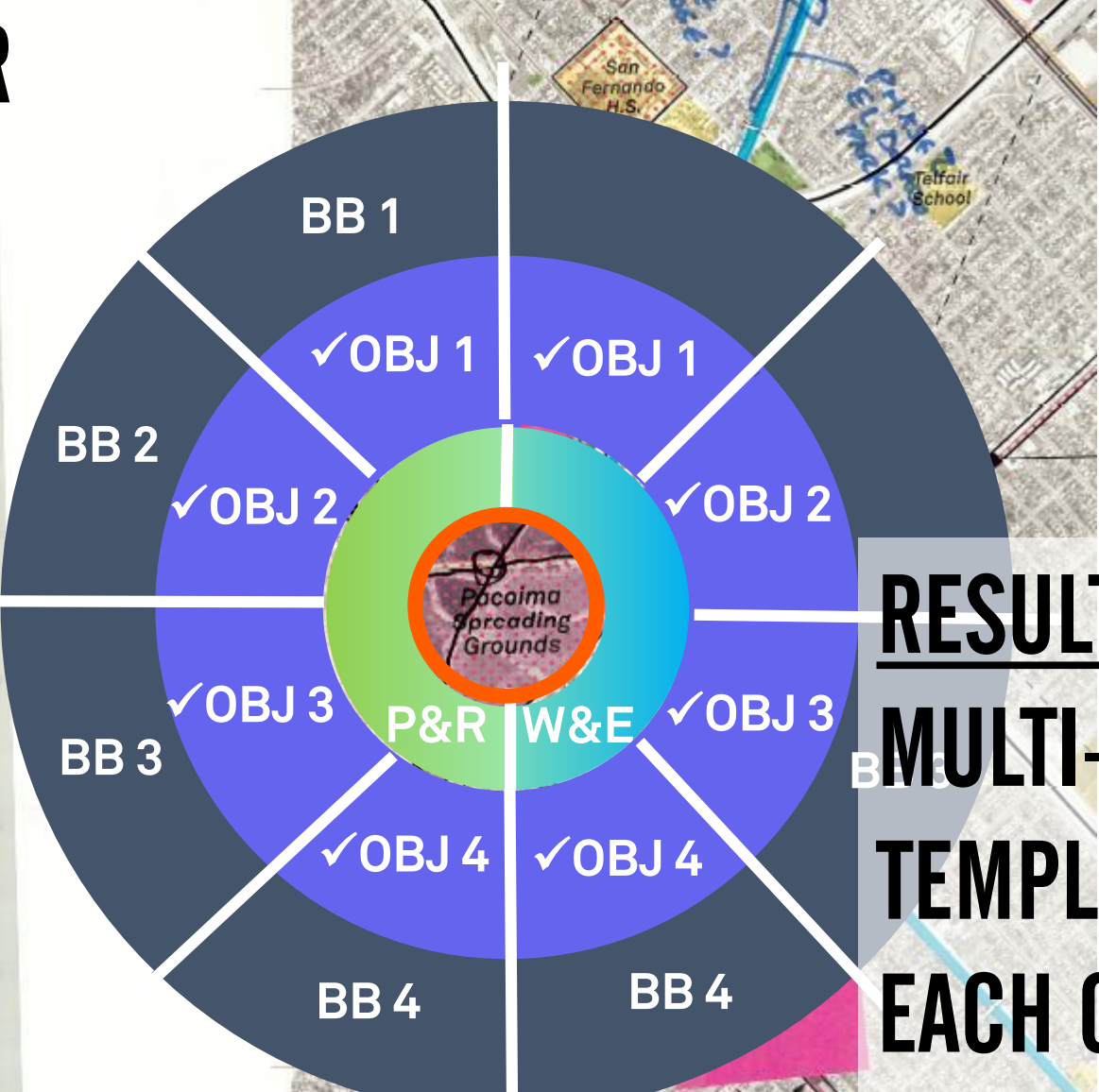
# PROCESS DESCRIPTION





# PROCESS DESCRIPTION

## HOW IT FITS TOGETHER



**RESULT:**  
**MULTI-BENEFIT**  
**TEMPLATES FOR**  
**EACH OPPORTUNITY**



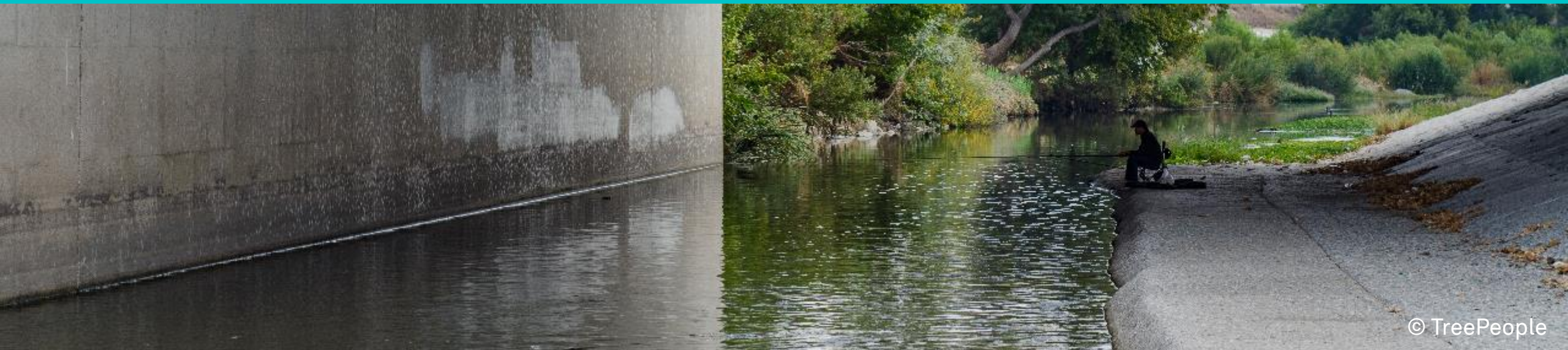
# PACOIMA SPREADING GROUNDS







## Item 8. Overview of Preliminary Project Opportunity Screening Process and Sites





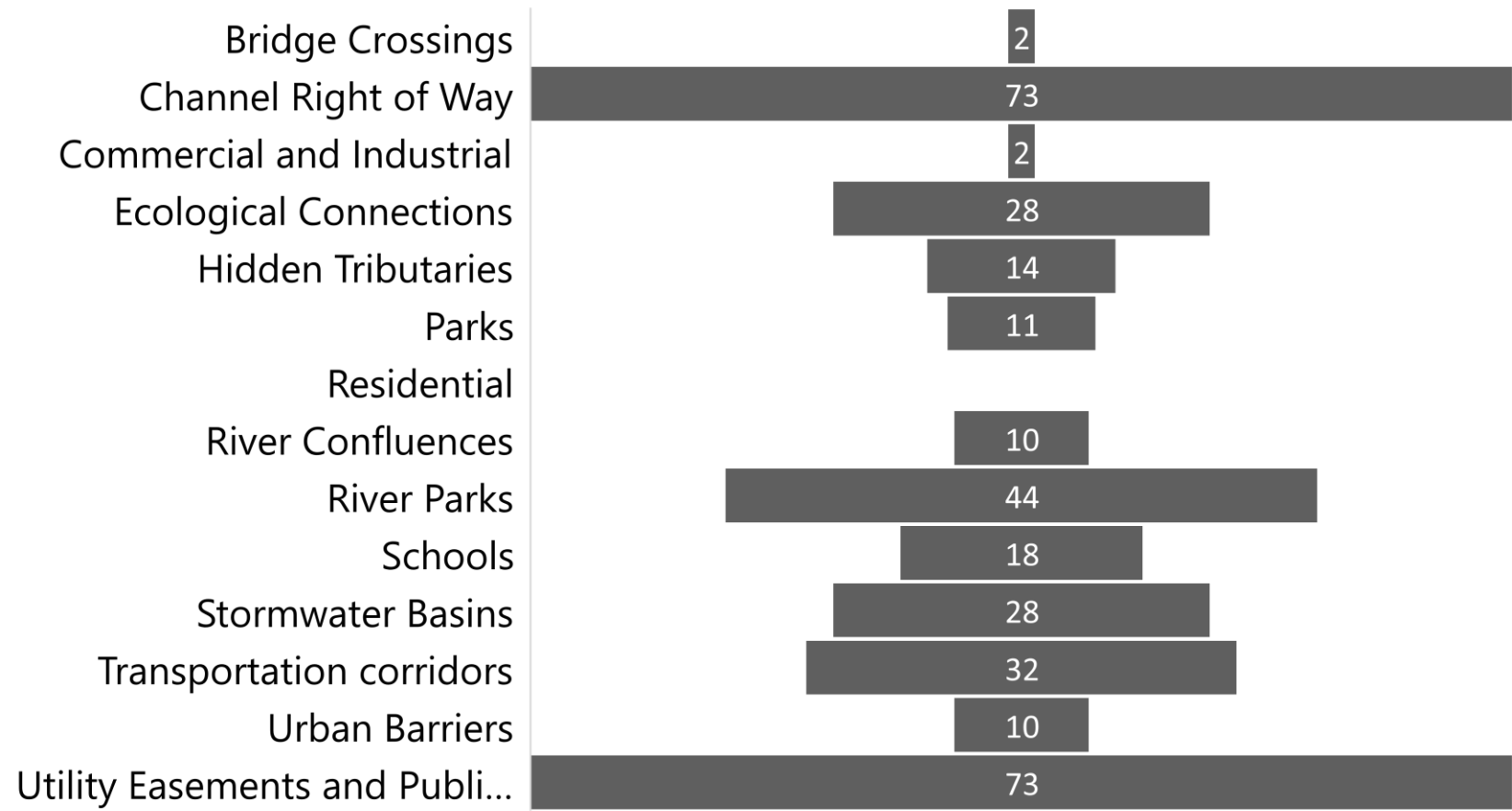
# ITEM GOAL

---

- + Review and provide feedback on all the Opportunity Areas collected to date
- + Discuss high performing sites
- + Discuss selection of top sites for next meeting



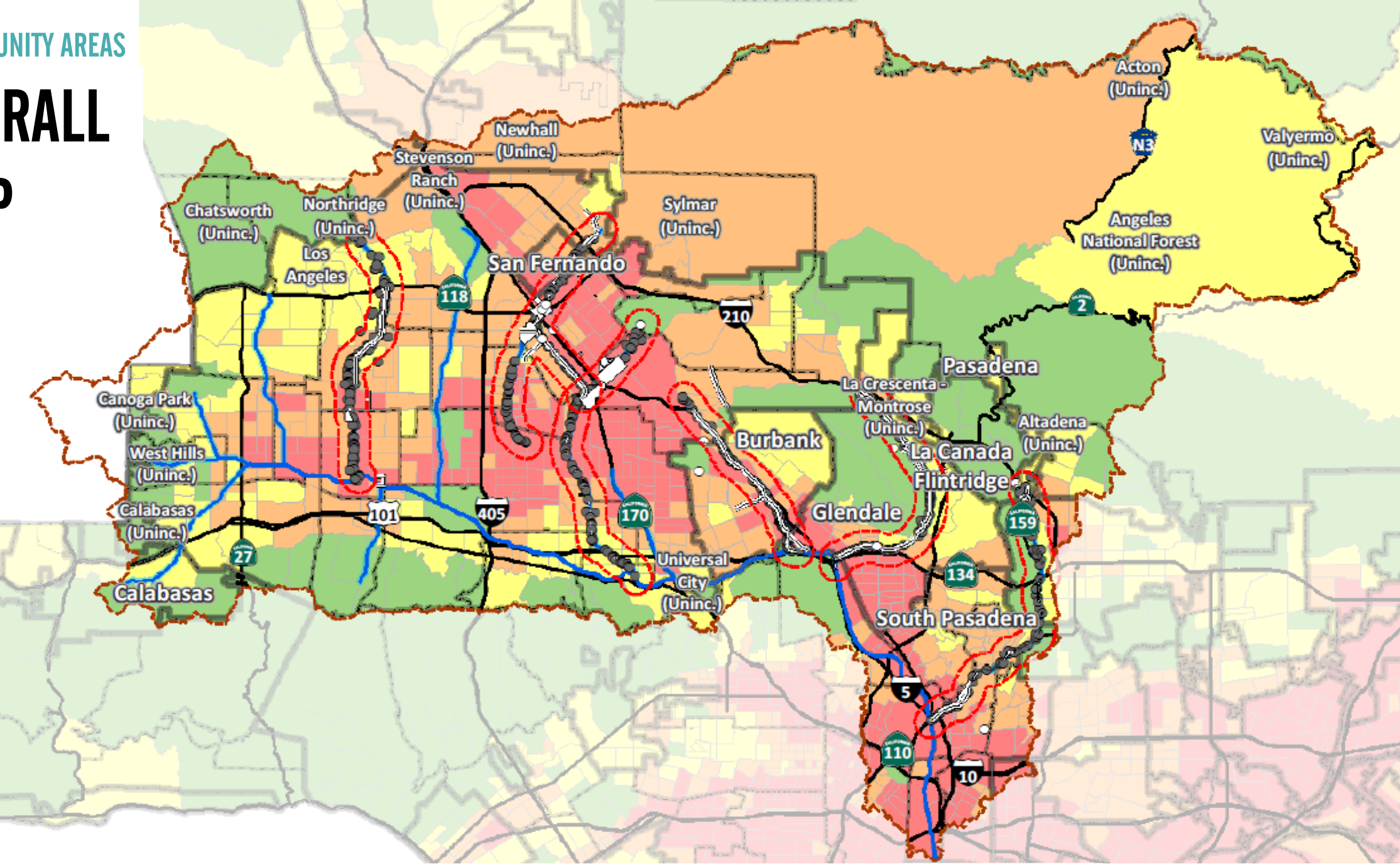
# CURRENT INVENTORY





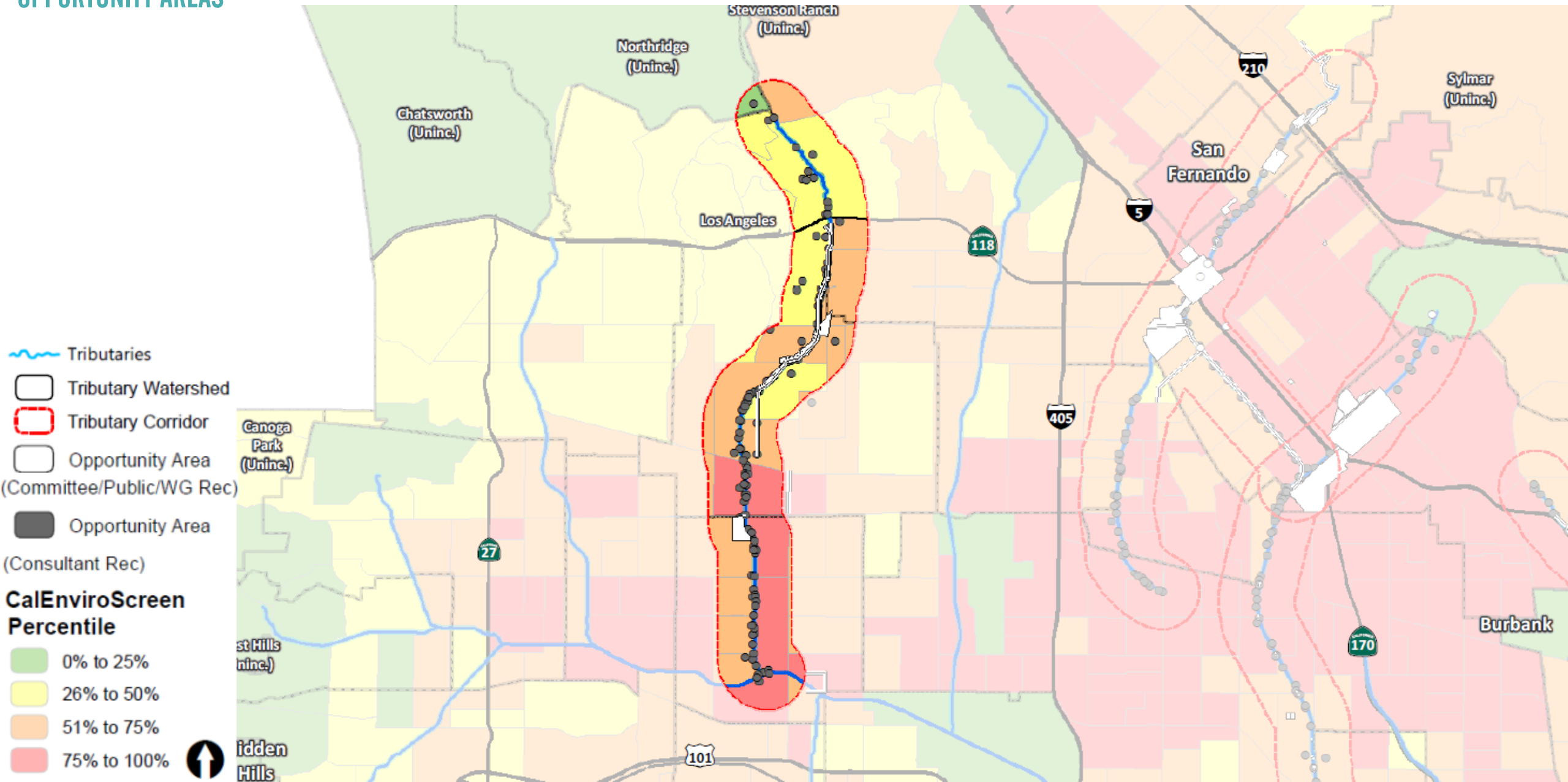
OPPORTUNITY AREAS

# OVERALL MAP





OPPORTUNITY AREAS





OPPORTUNITY AREAS



UTILITY EASEMENT-PUBLIC LAND




CHANNEL RIGHT OF WAY





RIVER PARK





OPPORTUNITY AREAS

 Tributaries


 Tributary Watershed


 Tributary Corridor


 Opportunity Area  
(Committee/Public/WG Rec)


 Opportunity Area  
(Consultant Rec)


**CalEnviroScreen  
Percentile**

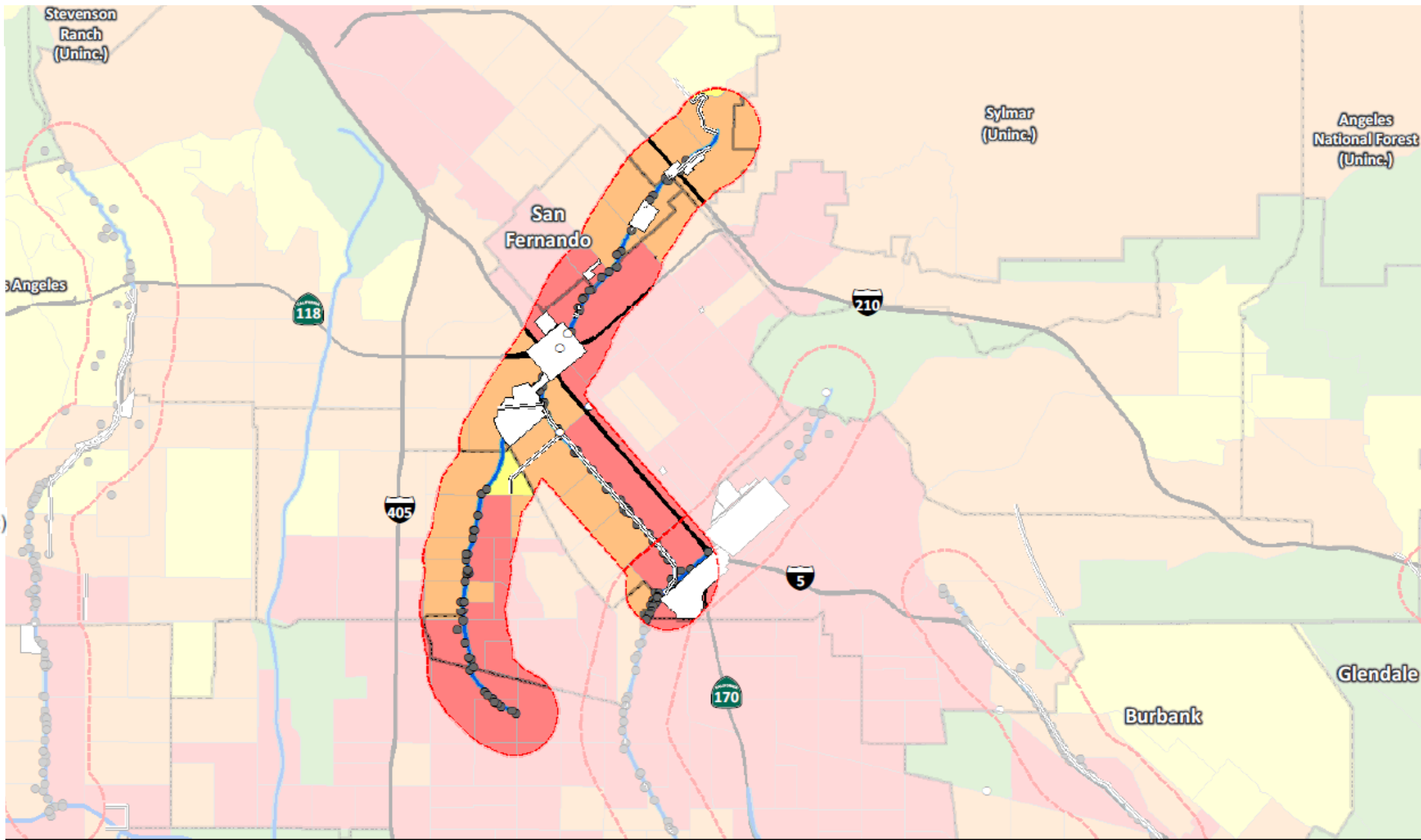
 0% to 25%

 26% to 50%

 51% to 75%

 75% to 100%







OPPORTUNITY AREAS



Draft Score  
62%

STORMWATER BASIN



Draft Score  
78%

CHANNEL RIGHT OF WAY





Draft Score  
39%


SCHOOL





OPPORTUNITY AREAS

 Tributaries

 Tributary Watershed

 Tributary Corridor

 Opportunity Area (Committee/Public/WG Rec)

 Opportunity Area (Consultant Rec)


**CalEnviroScreen Percentile**

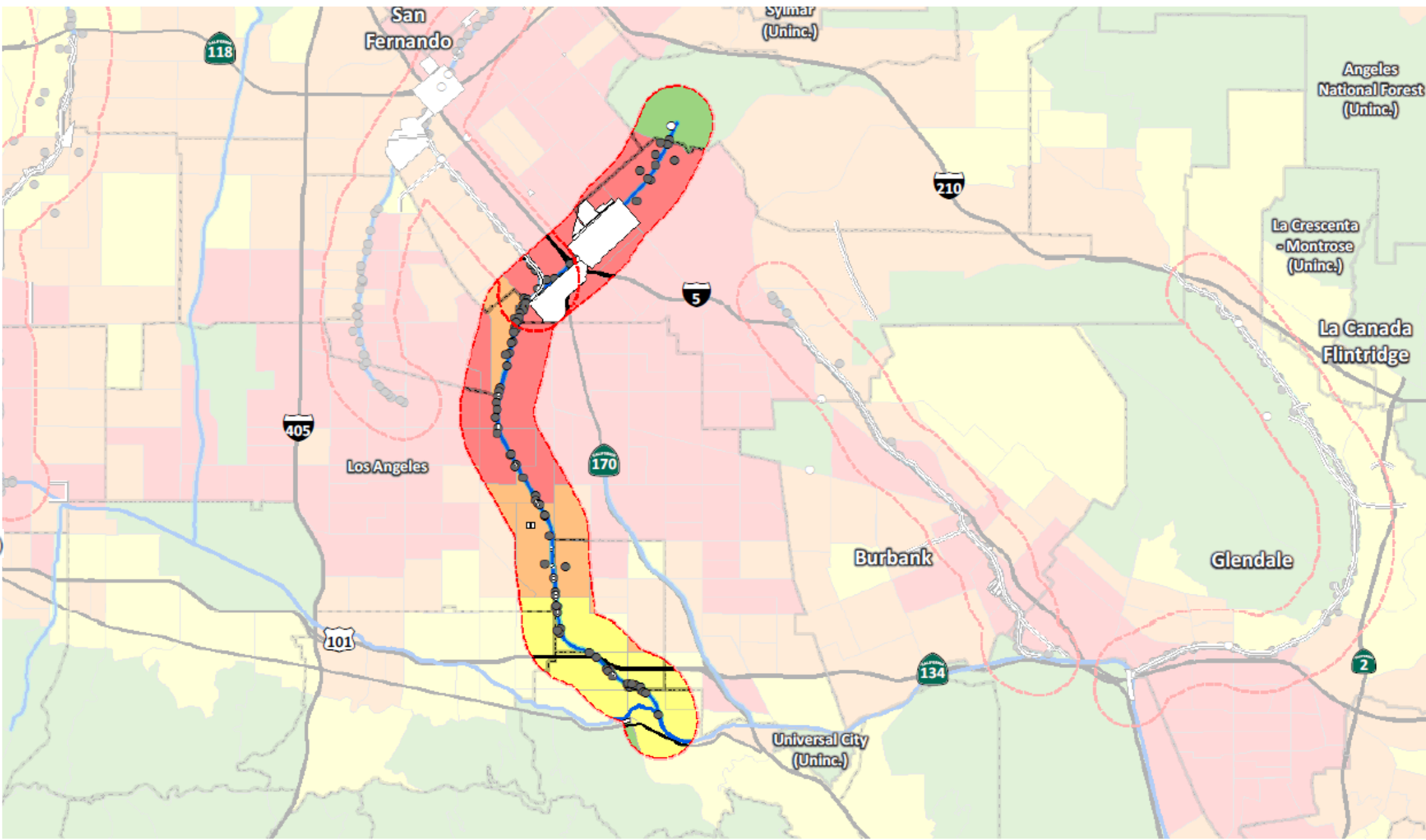
0% to 25%

26% to 50%

51% to 75%

75% to 100%



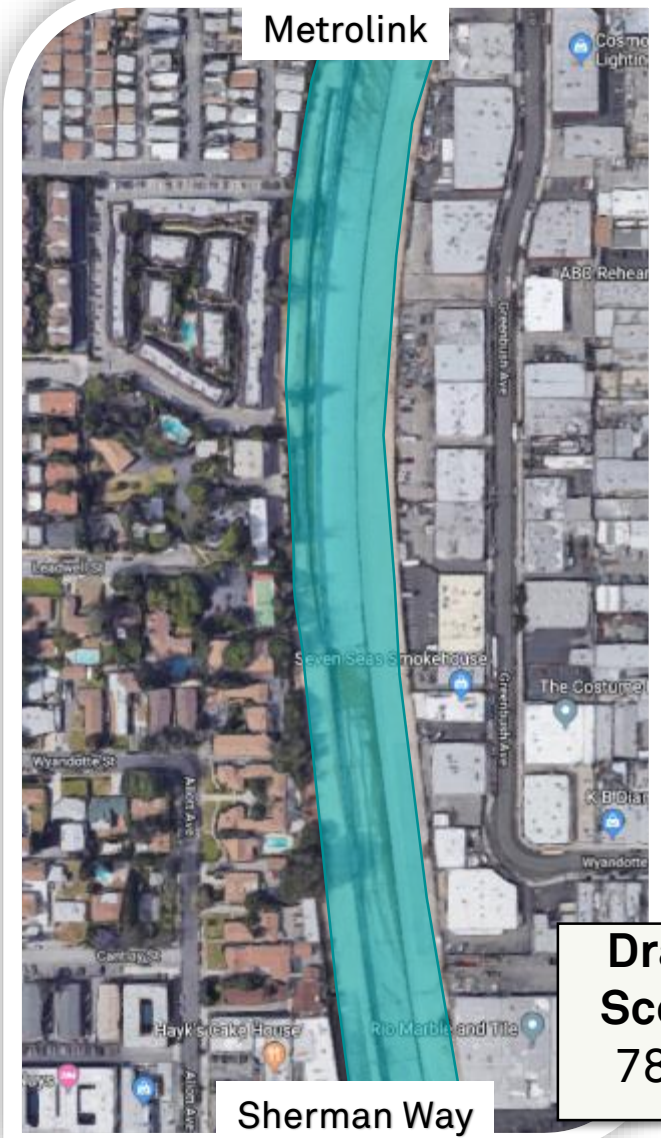




OPPORTUNITY AREAS



Draft Score 86%



Draft Score 78%



Draft Score 84%


UTILITY EASEMENT-PUBLIC LAND


CHANNEL RIGHT OF WAY


RIVER PARK





OPPORTUNITY AREAS

 Tributaries


 Tributary Watershed


 Tributary Corridor


 Opportunity Area  
(Committee/Public/WG Rec)


 Opportunity Area  
(Consultant Rec)

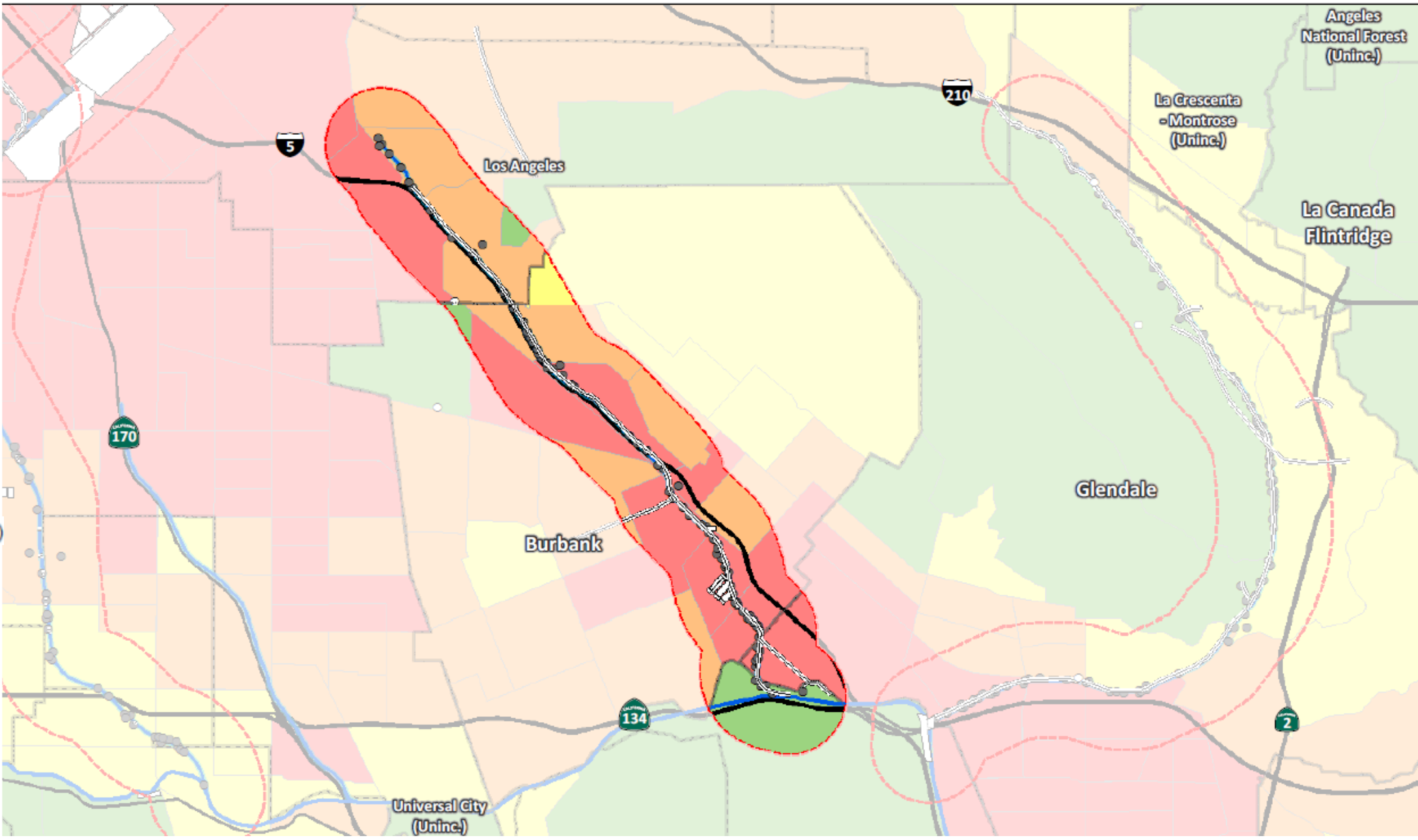

**CalEnviroScreen  
Percentile**

 0% to 25%

 26% to 50%

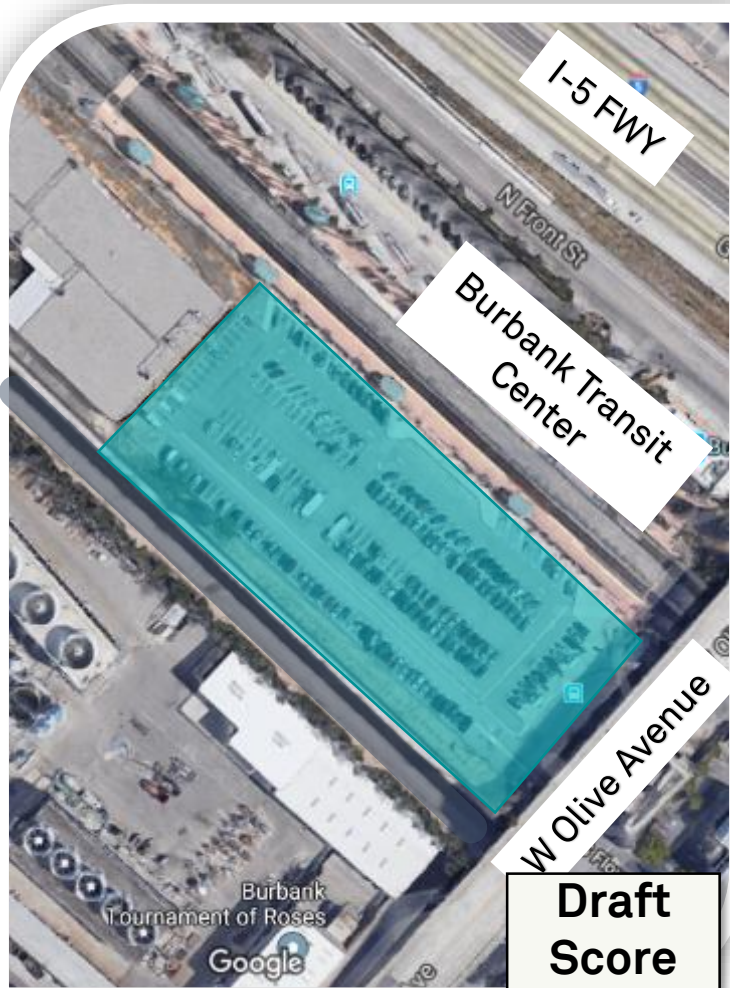
 51% to 75%

 75% to 100%





OPPORTUNITY AREAS



Draft  
Score  
86%

UTILITY EASEMENT-PUBLIC LAND



Draft  
Score  
78%

CHANNEL RIGHT OF WAY





Draft  
Score  
84%


RIVER PARK





OPPORTUNITY AREAS

 Tributaries

 Tributary Watershed

 Tributary Corridor

 Opportunity Area (Committee/Public/WG Rec)

 Opportunity Area (Consultant Rec)


**CalEnviroScreen Percentile**

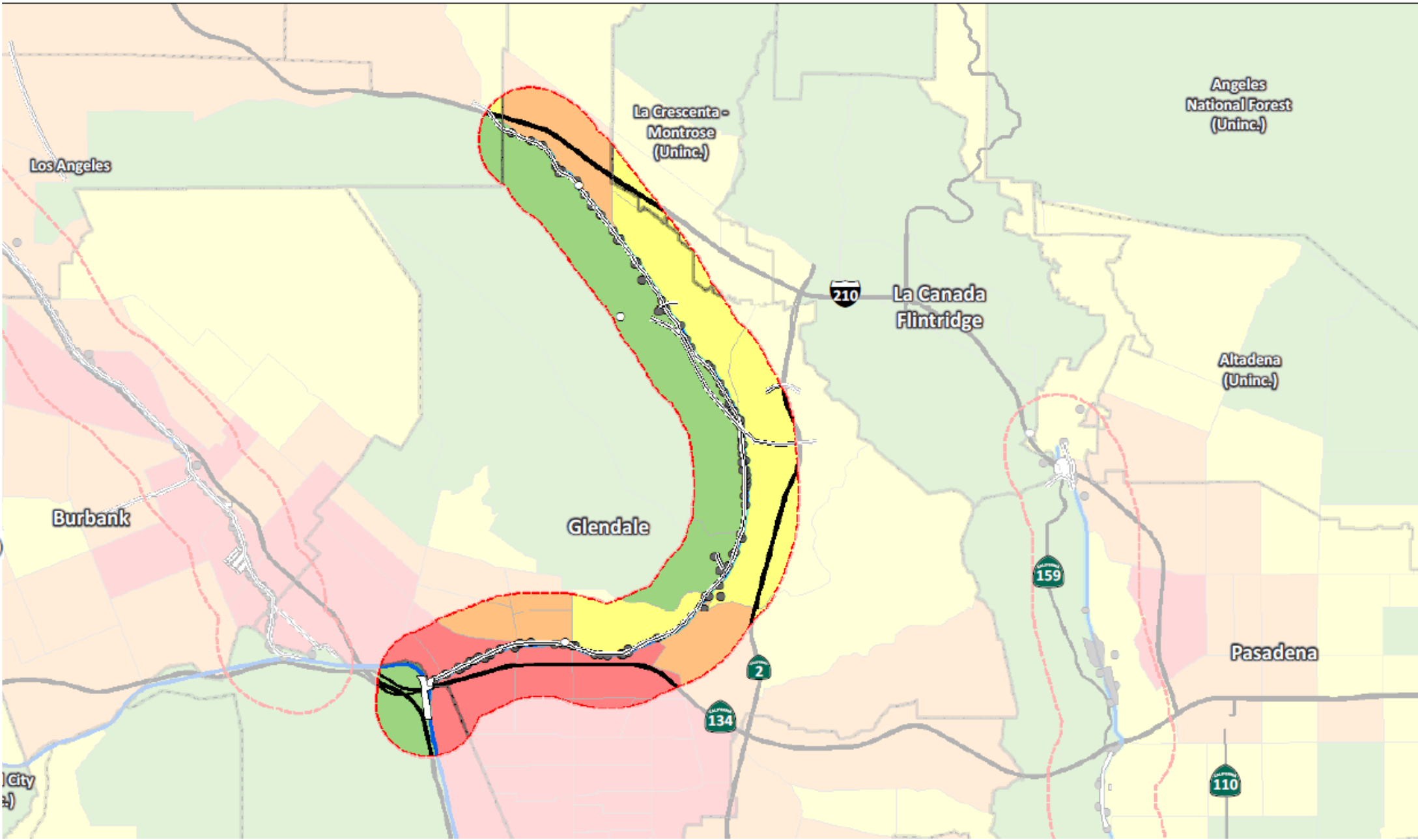
0% to 25%

26% to 50%

51% to 75%

75% to 100%







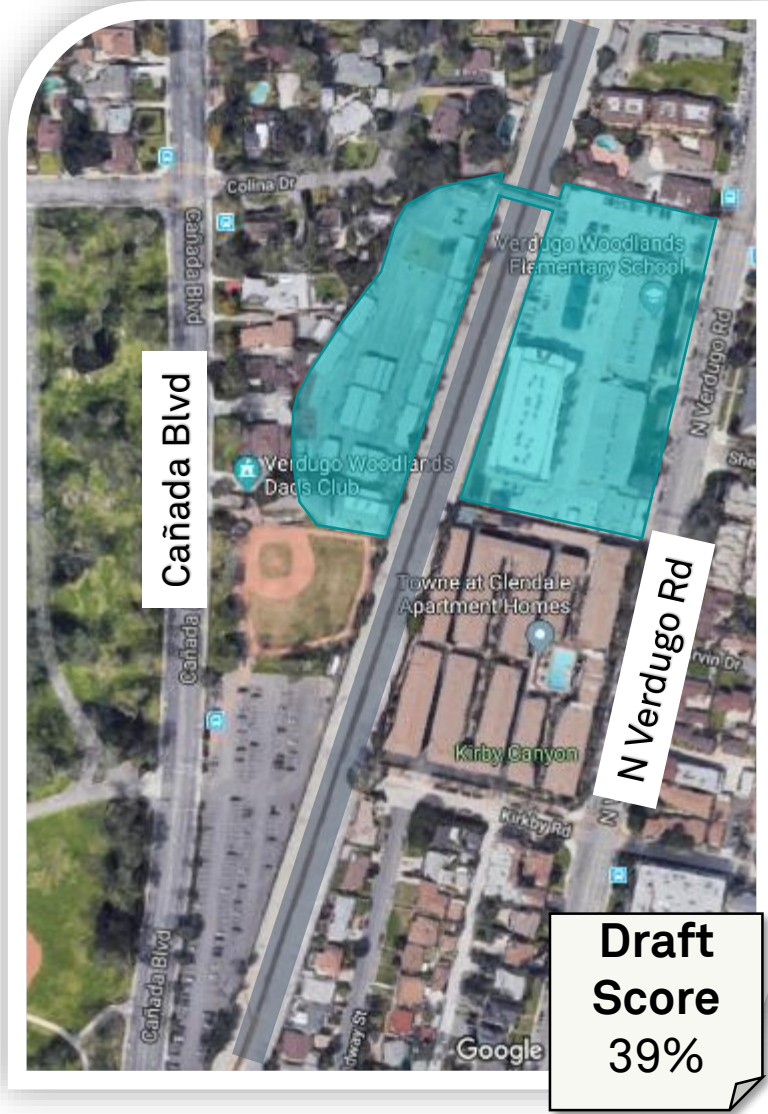
OPPORTUNITY AREAS



UTILITY EASEMENT-PUBLIC LAND



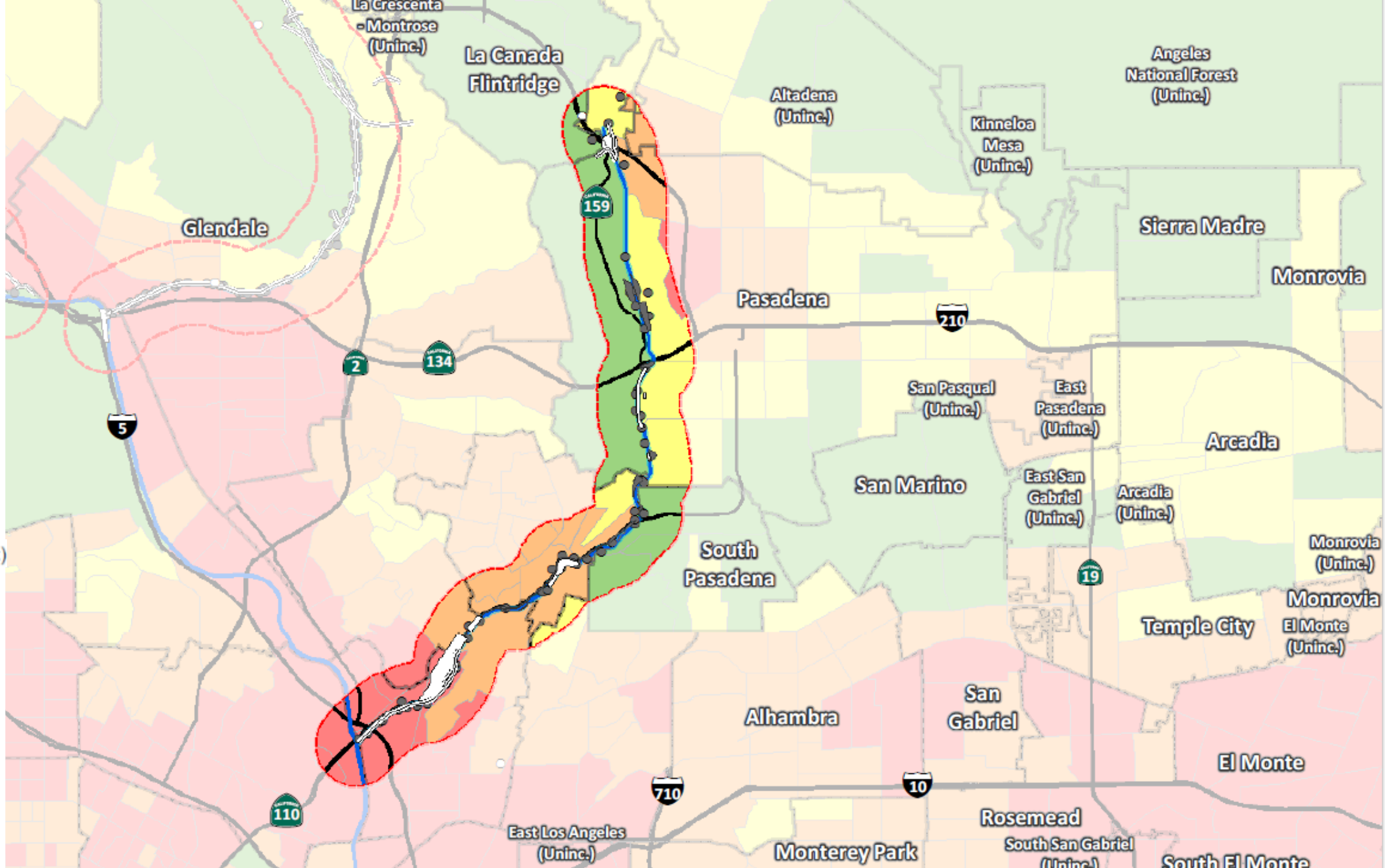
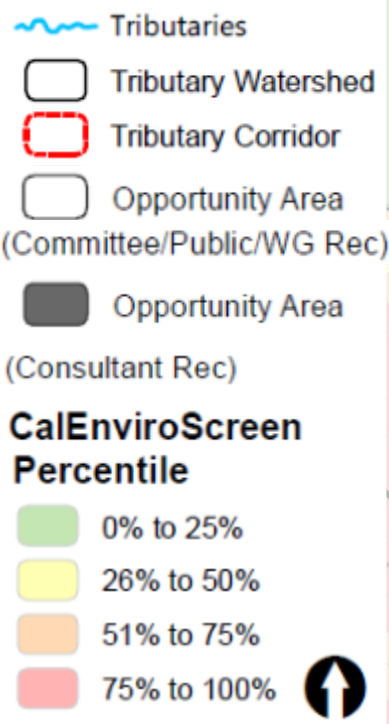
RIVER CONFLUENCE



SCHOOL



OPPORTUNITY AREAS







Draft  
Score  
24%

ECOLOGICAL CONNECTION



Draft  
Score  
78%

CHANNEL RIGHT OF WAY



Draft  
Score  
84%

RIVER PARK





## Item 9. Committee Member Comments on Matters Not on the Agenda







## Item 10. Announcement of Future Meetings and Adjournment





# AB 466 Contact Information

## Mountains Recreation and Conservation Authority

- Sarah Rascon, Urban River Program Officer

Email: [sarah.rascon@mrca.ca.gov](mailto:sarah.rascon@mrca.ca.gov)

Tel. No. (323) 221-9944, Extension 109

- Melissa Vega, Project Analyst

Email: [melissa.vega@mrca.ca.gov](mailto:melissa.vega@mrca.ca.gov)

Tel. No. (323) 221-9944, Extension 199

## Santa Monica Mountains Conservancy, Board Secretary

Tel. No. (310) 589-3200, Extension 118





# AB 466: Upper Los Angeles River and Tributaries Revitalization Plan

## Water and Environment Committee Meeting

April 25, 2019