



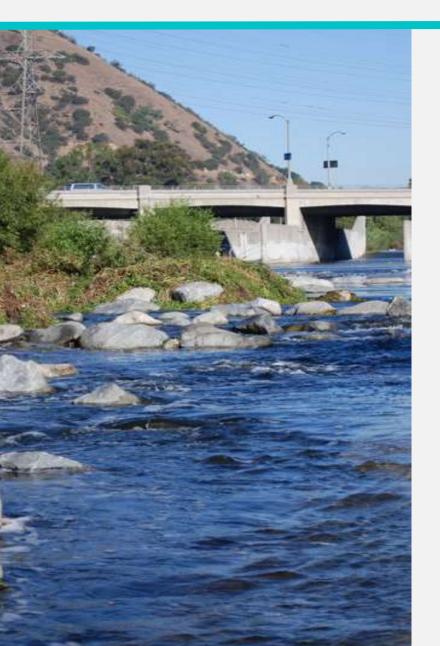


AB 466 Upper Los Angeles River and Tributaries Revitalization Plan

Working Group Meeting 5 May 23, 2019

Santa Monica Mountains Conservancy

MEETING AGENDA



- 1. Call to Order.
- 2. Administration of Oath of Office.
- 3. Roll Call.
- 4. Approval of minutes.
- 5. Comments from Members of the public on items not on the agenda and public testimony on all agenda items.
- 6. Reports from the Water & Environment and People & Recreation Committees.
- 7. Staff Update.
- 8. Consideration of resolution approving prioritization methodology.
- 9. Member comments on matters not on the Agenda.
- 10. Announcement of future meetings and adjournment.



ITEM 1. CALL TO ORDER





ITEM 2. ADMINISTRATION OF OATH OF OFFICE





ITEM 3. ROLL CALL





ITEM 4. APPROVAL OF MINUTES





ITEM 5. COMMENTS FROM MEMBERS OF THE PUBLIC ON ITEMS NOT ON THE AGENDA AND PUBLIC TESTIMONY ON ALL AGENDA ITEMS



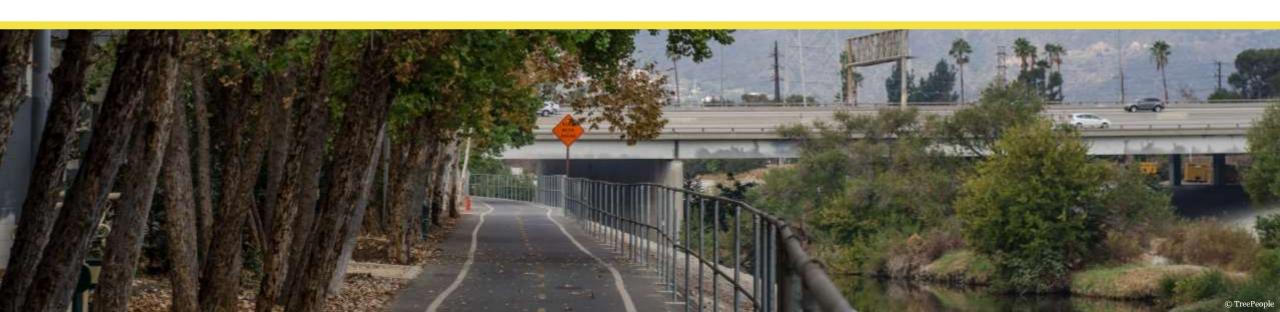


ITEM 6. REPORTS FROM MEMBERS OF THE PUBLIC ON ITEMS NOT ON THE AGENDA AND PUBLIC TESTIMONY ON ALL AGENDA ITEMS.





ITEM 7. STAFF UPDATE





COMMUNITY ENGAGEMENT UPDATE



INFORMATIONAL MEETINGS OVERVIEW

#1

March 13th 2019
Location: Discovery Cube
(Sylmar, CA)
NGO Partner: *Pacoima Beautiful*

#3

April 4th 2019

Location: Kidspace Children's Museum

(Pasadena, CA)

NGO Partner: *River LA*

#2

March 20th 2019
Location: Los Angeles Zoo
(Los Angeles, CA)
NGO Partner: *The River Project*

#4 April 9th 2019

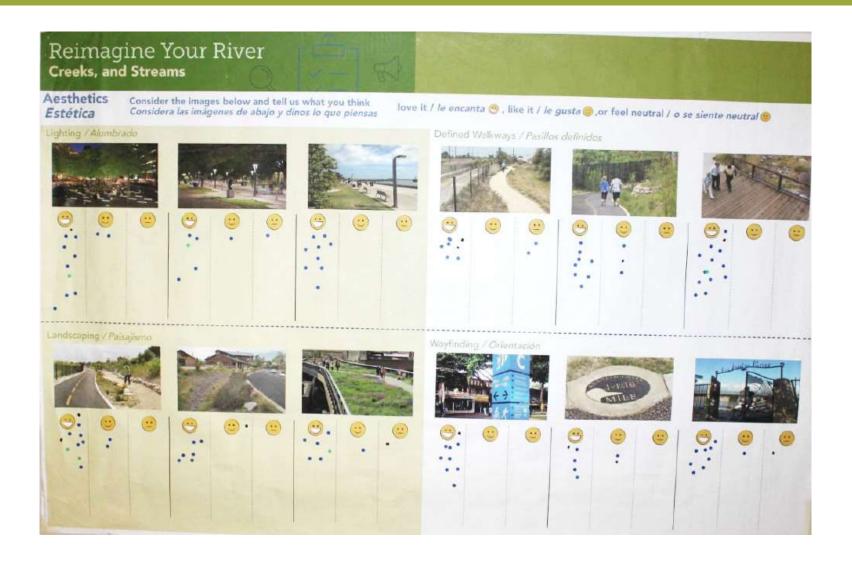
Location: Rose Goldwater Community

Center

(Canoga Park, CA)

NGO Partner: The Valley Economic Alliance/Mulholland Institute

REIMAGINE YOUR RIVER



Aesthetics

Environment

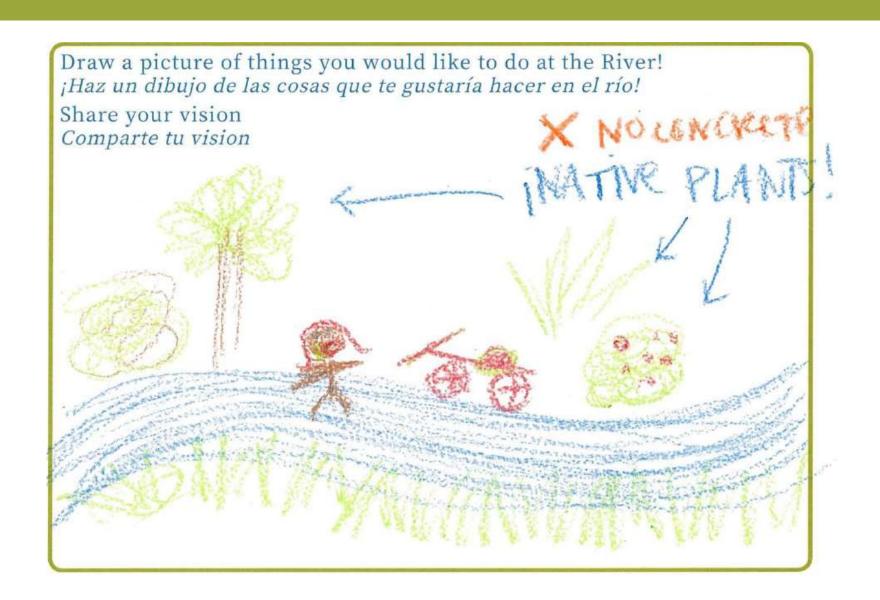
Safety

Access

Infrastructure

Primary Activities

- Walk
- Bike
- Go to park
- Bird watching
- Kayak



Safety and Access

- Homelessness
- Unsafe spaces and locations
- Crime/personal safety

to be skay... For our communities to embrace them and

Naturalized Environments

- Resource conservation
- Native habitat restoration
- Wildlife
- Improved air quality

"Our goal is to solve air pollution. Planting trees around the community. We need the trees to stop the air pollution from factories that cause people to have asthma."

--Cerina, Crystal, Andrew, Daniel, Jon (students)

Inviting and Engaging Environment

- Recreation: active and passive
- Activation of spaces
- Landscaping and greenery
- Interaction with nature

"We don't have a lot of parks or green spaces so it's very important for kids to have access to the outdoors, and the Pacoima Wash would be a great way to start."

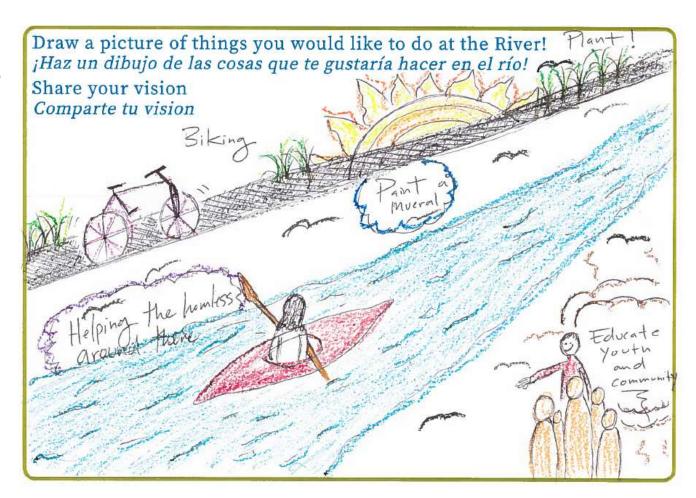
--Yesenia C.

"I just want it to look like a river."

--Anonymous

Public Access and Connections

- Lighting
- Defined pathways
- Wayfinding
- Multi-modal
- Security



Local Culture and History

- Indigenous peoples
- Native American tribes
- Ecology: land and habitat

River Dreams

I have river dreams.

I dream of a river that is wide and narrow and deep and shallow—a river that can be whatever It wants and needs and was born to be.

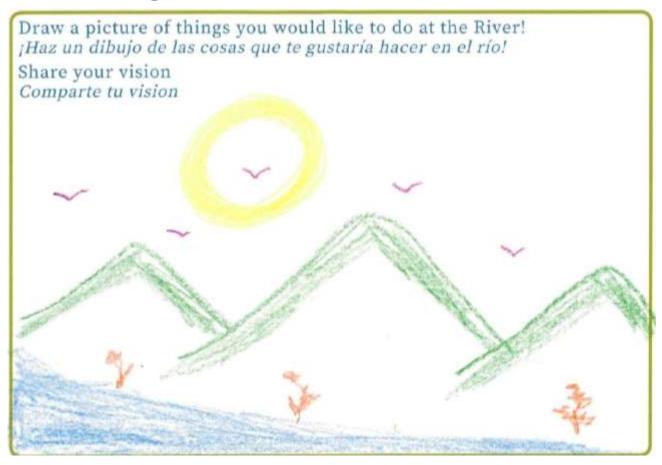
A river clean and fresh, born of waters from the sky, carried down the mountains and spreads itself out and replenishes the lands as it share its life giving soul as it makes its way to the sea.

I have river dreams and I know the river does too.

Amen.

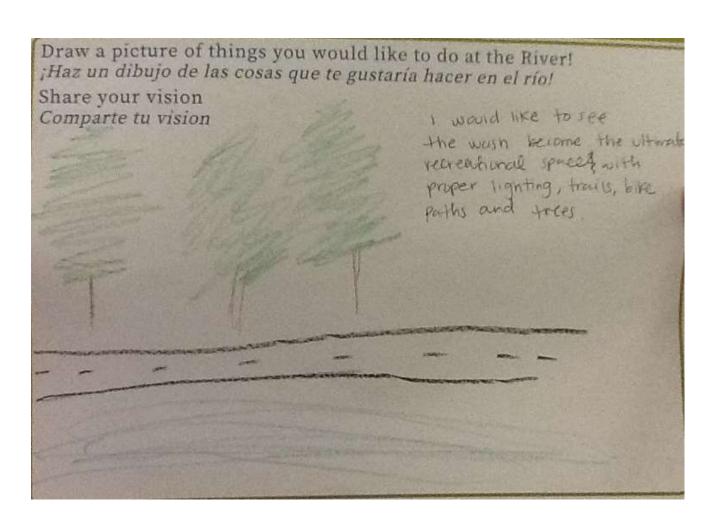
Comprehensive Watershed Management

- Water quality
- Drainage
- Flooding
- Infiltration
- Groundwater



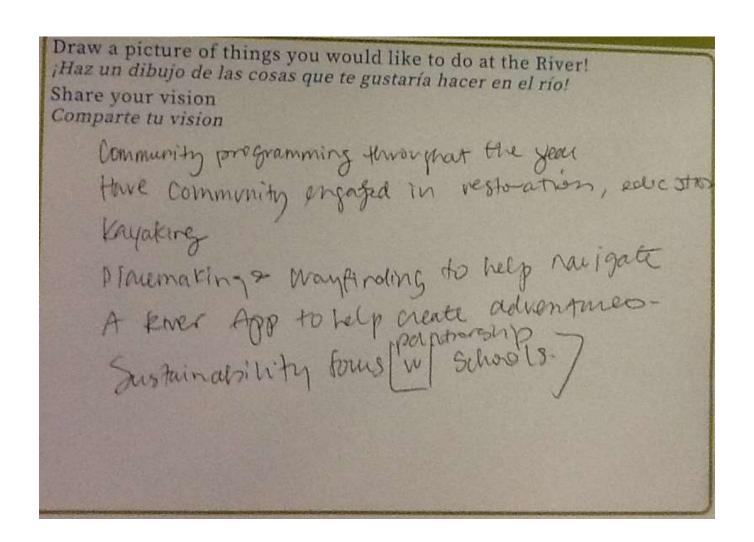
Community Focused

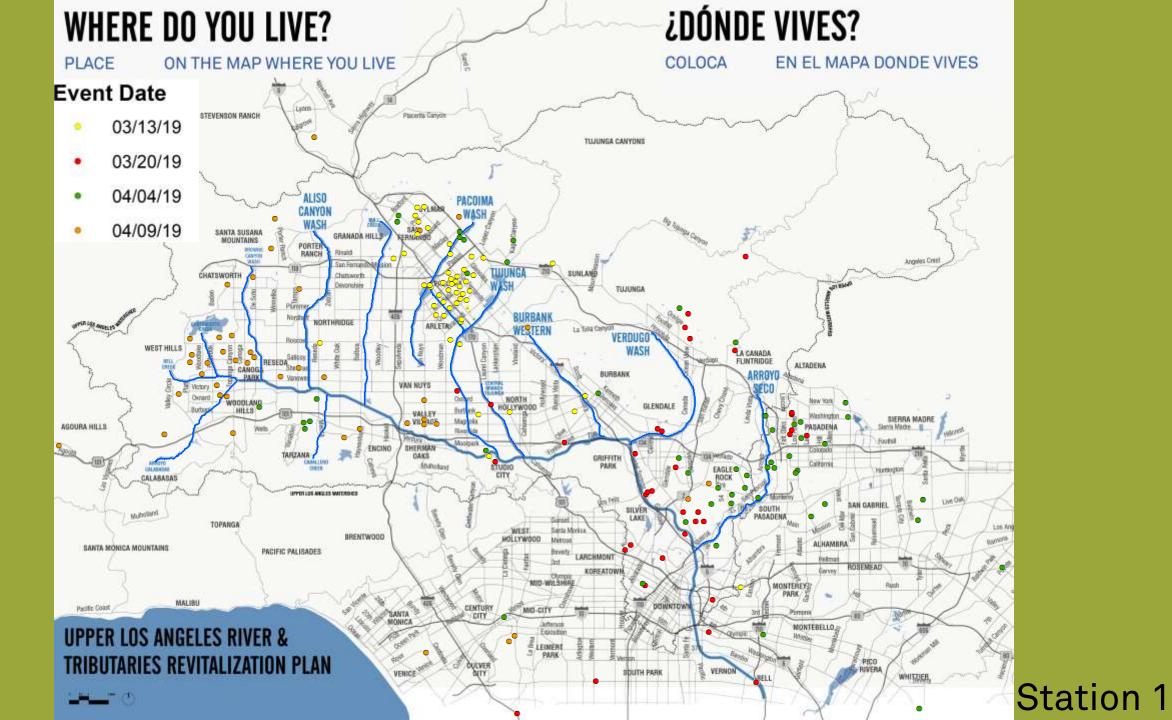
- Inclusive
- Avoid gentrification
- Community involvement



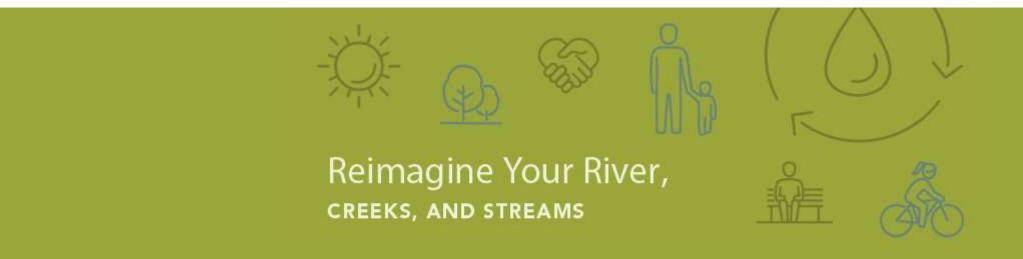
Education

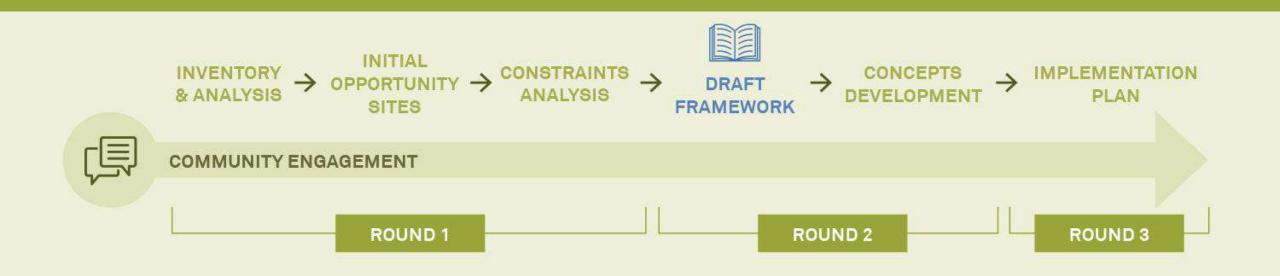
- Programming
- Inclusive
- Stewardship





COMMUNITY ENGAGEMENT PHASE II





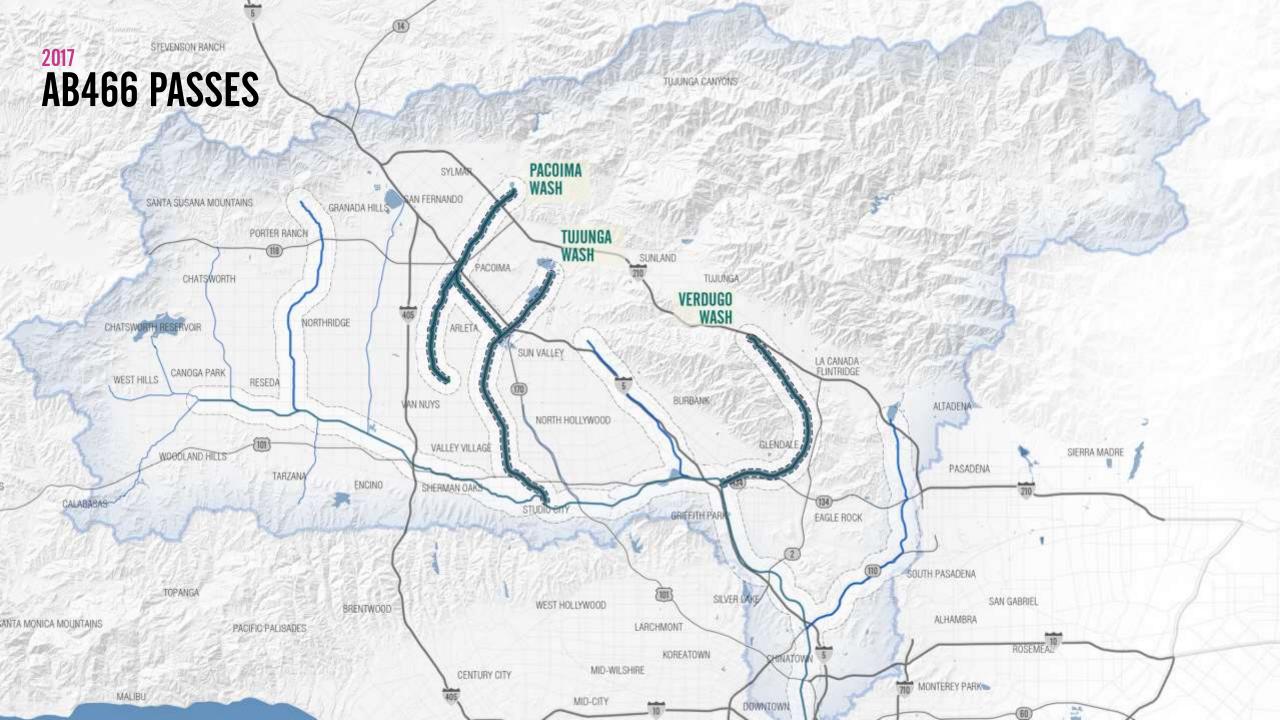


ITEM 8. CONSIDERATION OF RESOLUTION APPROVING PRIORITIZATION METHODOLOGY



2017

AB466 PASSED



DEFINING OUR MISSION

DEFINING OUR MISSION

Revitalization Plan Mission Statement

The mission of the Upper LA River & Tributaries Revitalization Plan is to develop prioritized opportunities with the following components:

- Nature based and watershed management
- Reduction and management of existing flood risks to communities
- Multiple benefits
- Open space
- Safe access

- · Culture, arts, and education
- Alignment with community needs and feedback
- Alignment with funding sources
- Reconciliation with previous efforts

DEFINING OUR MISSION | 9 KEY COMPONENTS



















DEFINING OUR MISSION | 9 KEY COMPONENTS | 3 REQUIREMENTS



- Captures and treats stormwater
- Encourages native plants and species
- Incorporates appropriate natural and cultural features In alignment with the areas



- Meets unmet drainage needs
- Doesn't create additional flooding



- Recreational Benefits
 - Passive
 - Active
- Educational Benefits
 - Community Science
- Ecological Benefits Biodiversity
 - Habitat
 - Ecosystem health
- Community Benefits

OCTOBER 2018

DEFINING THE PLAN'S AREA

0100		Tujunga Wash	Pacoima Wash	Burbank Western Channel	Aliso Canyon Wash	Browns Canyon Wash	Arroyo Seco	Verdugo Wash	Caballero Creek	Arroyo Calabasas	Bull Creek	Central Branch Tujunga	Bell Creek	Chatsworth Creek
PEOPLE & RECREATION	A. Park Accessibility* %People within 1,2 mile of a park Source: 2010 Census Data/LA County Park Assessment	5 (80%)	5 (80%)	4 (85%)	8 (70%)	10 (54%)	2 (91%)	1 (97%)	12 (50%)	7 (75%)	10 (54%)	9 (65%)	13 (40%)	3 (87%)
	B. Park Provision* acres of park space per 1,000 people Source: 2010 Census Data/LA County Park Assessment	11 (1.65)	12 (1.45)	6 (3.76)	9 (1.91)	1 (13)	3 (9.36)	5 (5.24)	10 (1.87)	13 (1.44)	4 (5.63)	8 (3.01)	7 (3.53)	2 (11.5)
	C. Population Density* people per acre Source: 2010 US Census	13 (38)	4 (18)	10 (26)	6 (19)	9 (25)	8 (23)	11 (29)	12 (36)	2 (17)	1 (15)	2 (17)	7 (21)	4 (18)
	D. Vacant Land*% of total Source: LA County GIS Portal	9 (6.1%)	8 (5.9%)	4 (3.5%)	7 (5.7%)	6 (5.6%)	10 (6.5%)	11 (9.1%)	12 (14.2%)	13 (16.9)	3 (1.4%)	2 (1.3%)	5 (3.7%)	1(1%)
ВОТН	E. Household Income*s Source: 2010 US Census	10 (\$51K)	12 (\$46K)	10 (\$51K)	6 (\$58K)	5 (\$60K)	12 (\$46K)	8 (\$55K)	6 (\$58K)	3 (\$80K)	4 (\$74K)	9 (\$52K)	2 (\$81K)	1 (82K)
	F. Community Burden (CES 3.0)* State percentile range Source: State of California, CES 3.0	12 (70)	13 (76)	11 (69)	8 (60)	7 (59)	9 (62)	5 (51)	3 (47)	4 (48)	6 (58)	10 (66)	1 (41)	2 (42)
HYDROLOGY & ENVIRONMENT	G. Impervious Land Cover % total land cover Source: National Landcover Data Base, Model	9 (49%)	11 (53%)	12 (57%)	8 (42%)	10 (52%)	2 (34%)	5 (39%)	4 (38%)	2 (34%)	6 (40%)	12 (57%)	7(41%)	1 (33%)
	H. Tributary Length miles Source: USGS National Hydrography Dataset	12 (9.8)	13 (11)	6 (6.3)	9 (8.5)	5 (5.9)	11 (9.7)	8 (8.3)	2 (3.3)	6 (6.3)	10 (9.3)	4 (4.2)	3 (3.7)	1 (2.3)
	I. Tributary Drainage Area adres Source: LA County GIS Portal	13 (1,111K)	12 (38.7K)	9 (18.5K)	7 (13.6K)	8 (14K)	11 (30.2K)	10 (19.4K)	1 (2.4K)	5 (9.2K)	6 (12.8K)	2 (5.3K)	4 (8K)	3 (6.3K)
	J. Significant Ecological Area acres Source: LA County GIS Portal	8 (13.9K)	5 (8.4K)	8 (13.9K)	11 (26K)	12 (26.9K)	4 (8.2K)	7 (11.3K)	6 (11K)	10 (19.5K)	13 (35K)	1 (0)	2 (1.3K)	3 (3.6K)
	TOTAL SCORE	102	95	80	79	73	72	71	68	65	63	59	51	21

^{*} within 0.5 miles of the tributary



NOVEMBER 2018

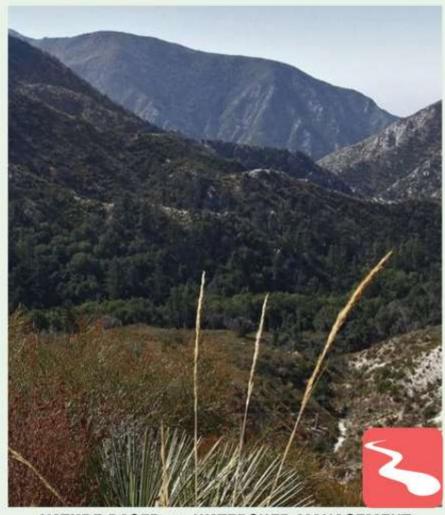
UNDERSTANDING THE TRIBUTARIES

NOVEMBER 2018

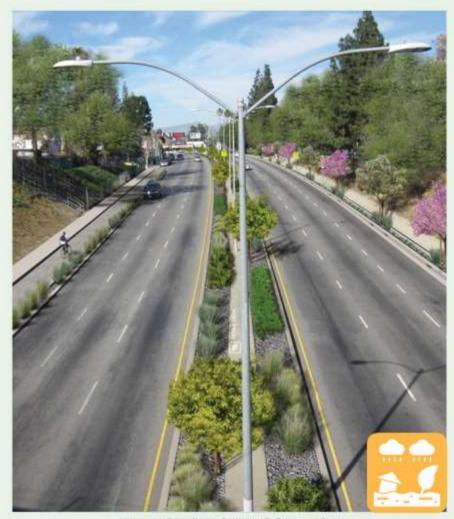
UNDERSTANDING THE TRIBUTARY



PACOIMA WASH



NATURE BASED + WATERSHED MANAGEMENT
Potential to link to the Angeles National Forest



REDUCTION OF FLOOD RISK

Existing pump stations along Pacoima Wash to enhance flood control and provide water quality benefits.

NOVEMBER 2018

UNDERSTANDING THE TRIBUTARY

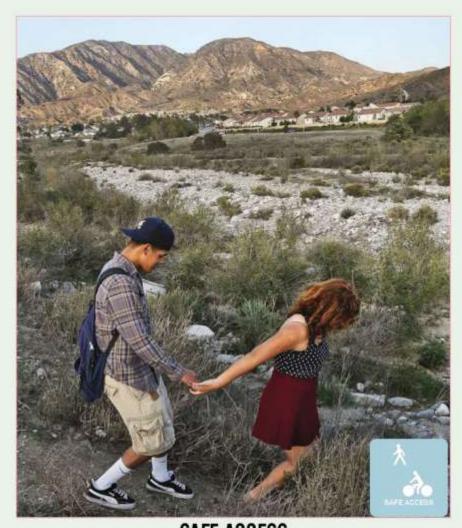


PACOIMA WASH



OPEN SPACE

1.45 acres of park space per 1,000 people



SAFE ACCESS

People are breaking the fence to gain access to the tributary.

NOVEMBER 2018

UNDERSTANDING THE TRIBUTARY



PACOIMA WASH



CULTURE, ARTS, AND EDUCATION40 schools within 0.5 miles of the tributary



Top quartile of disadvantage

NOVEMBER 2018

UNDERSTANDING THE TRIBUTARY







Tujunga-Pacoima Watershed Plan

RECONCILED WITH PREVIOUS EFFORT

LITERATURE REVIEWED

- Common Ground From the Mountains to the Sea, 2001
- Los Angeles River Master Plan, 1996
- Los Angeles River Revitalization Master Plan, 2007
- Los Angeles River Ecosystem Restoration Integrated Feasibility Report and its Recommended Plan, 2015
- Pacoima Wash Vision Plan, 2011
- Cal Poly Pomona Pacoima Wash Greenway Master Plan, 2004
- Arroyo Seco Watershed Ecosystem Restoration Feasibility Study
- Enhanced Watershed Management Program for the Upper Los Angeles River
- Watershed, 2016
- Integrated Regional Water Management Upper LA River Subregional Report Plan, 2014
- Water Supply and Habitat Resiliency for a Future Los Angeles River, 2016
- Los Angeles Sustainable Water Project: Los Angeles River Watershed, 2017
- Los Angeles Countywide Comprehensive Parks and Recreation Needs Assessment, 2016
- Tujunga-Pacoima Watershed Plan, 2008
- National Park Service Rim of the Valley Corridor Special Resource Study, 2016
- Arroyo Seco Watershed Restoration Feasibility Study, 2002
- The Los Angeles River Urban Wildlife Refuge Report, 2005

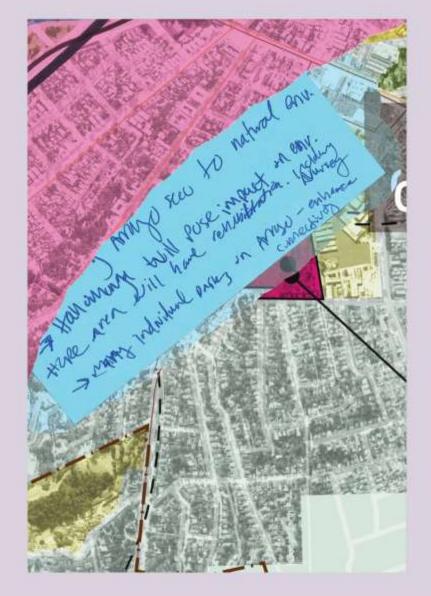


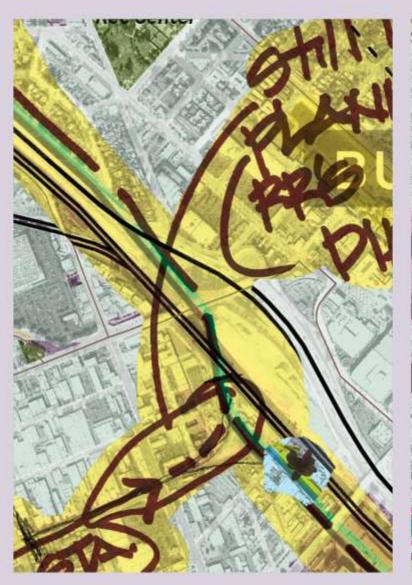
DECEMBER 2018

WHERE SHOULD WE FOCUS?



DECEMBER 2018 WHERE SHOULD WE FOCUS?

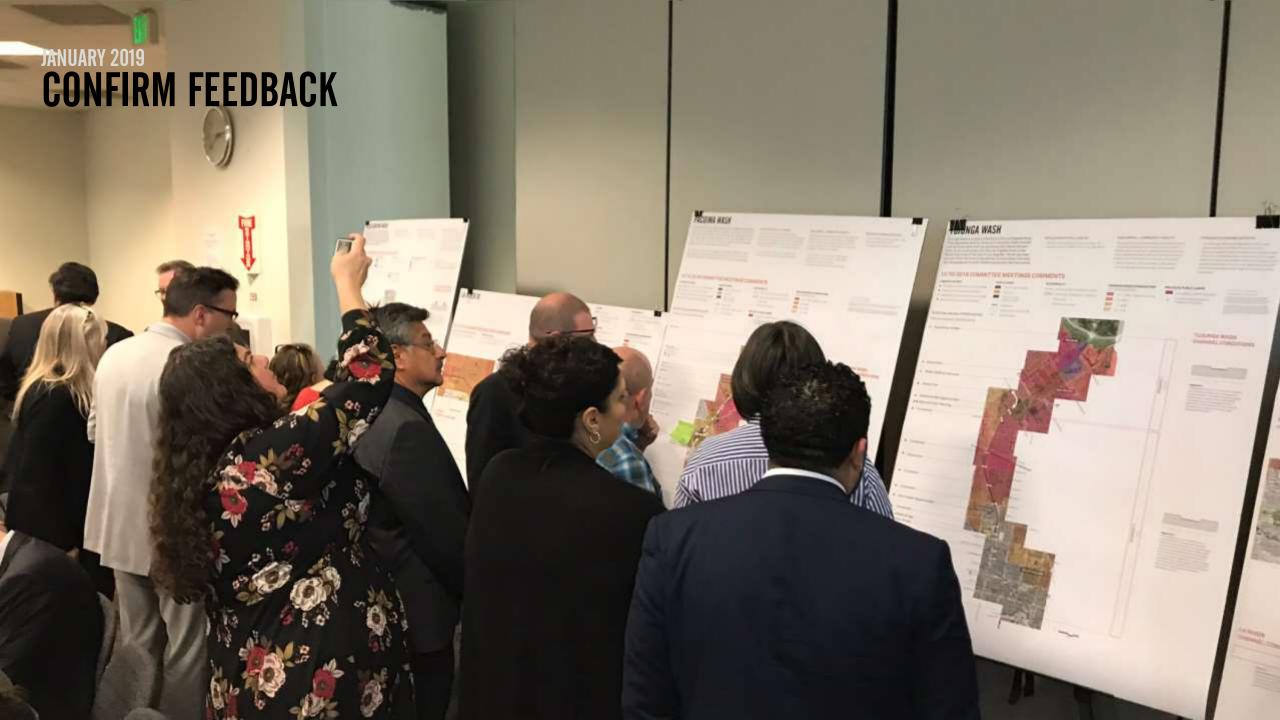


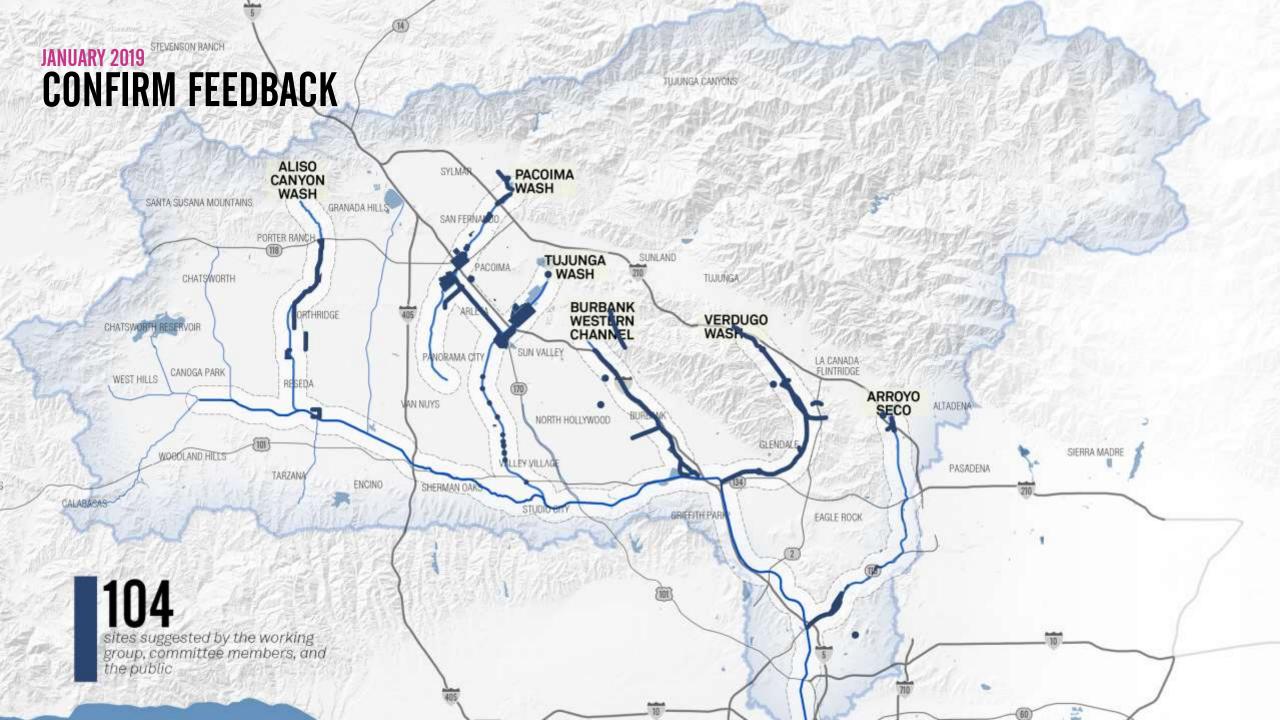




JANUARY 2019

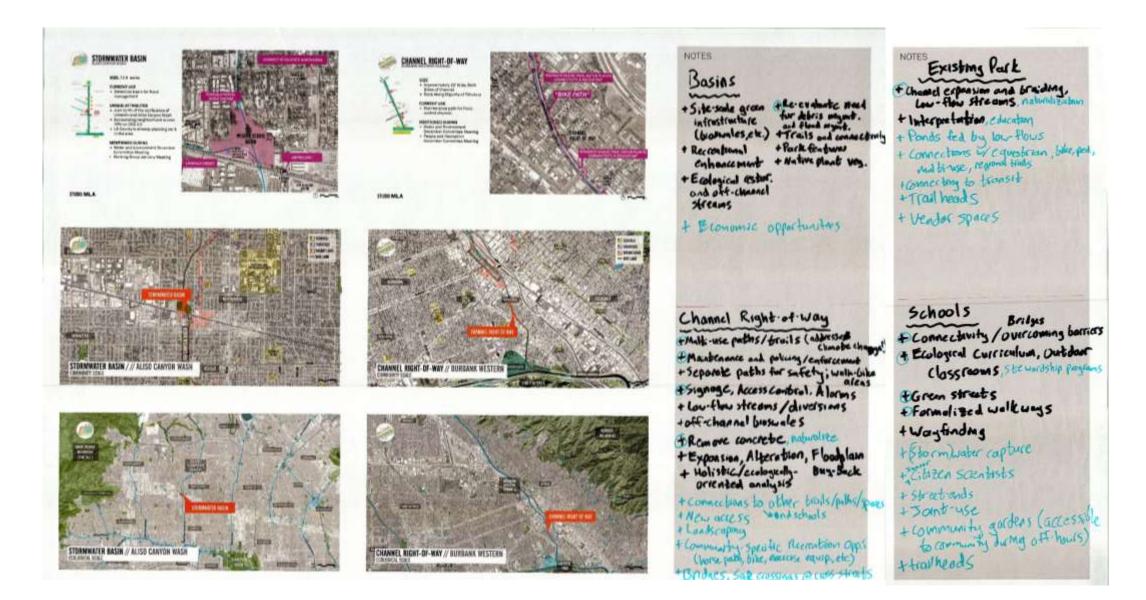
CONFIRM FEEDBACK





BRAINSTORM TYPICAL CONDITIONS AND POTENTIAL IMPROVEMENTS

BRAINSTORM IMPROVEMENTS



BRAINSTORM IMPROVEMENTS



Improvements suggested during the February committee meetings included improvements such as wetlands and ecological habitats

BRAINSTORM IMPROVEMENTS



Improvements suggested during the February committee meetings included improvements such as alteration of floodplain and site-scale green infrastructure

BRAINSTORM IMPROVEMENTS



Improvements suggested during the February committee meetings included improvements such as multi-use paths, wildlife bridges, and watershed improvements in existing parks

BRAINSTORM IMPROVEMENTS



Improvements suggested during the February committee meetings included improvements such as community specific recreation opportunities and natural plantings

BRAINSTORM IMPROVEMENTS



Improvements suggested during the February committee meetings included improvements such as bridges, lighting, and signage

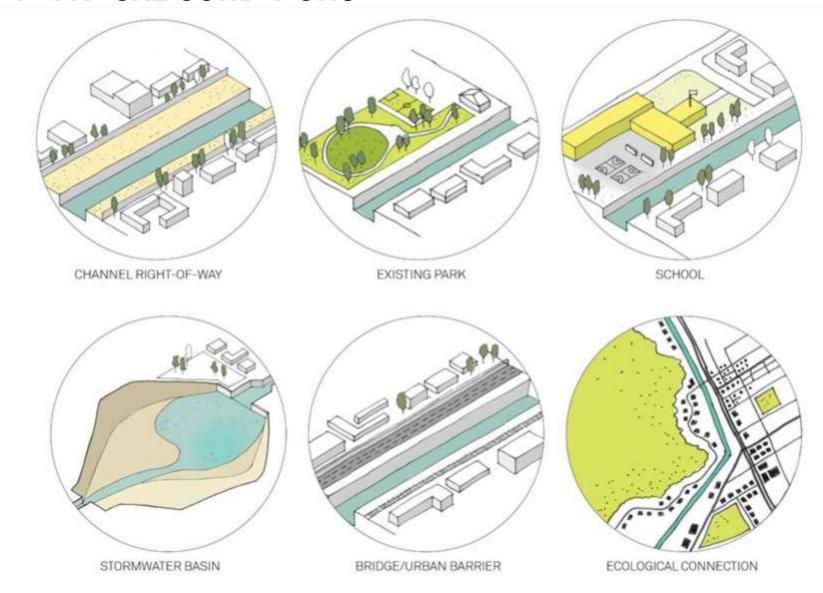
BRAINSTORM IMPROVEMENTS



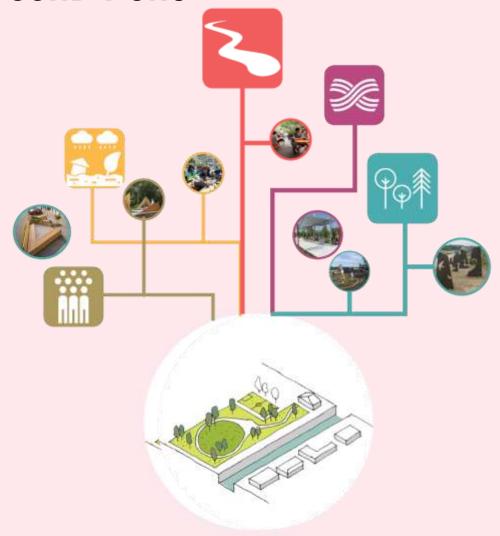
Improvements suggested during the February committee meetings included improvements such as ecological curriculum, murals, and art installations.

HOW CAN WE SUPPORT CHANGES THROUGH THE ENTIRE WATERSHED?

TYPOLOGIES + TYPICAL CONDITIONS



TYPOLOGIES + TYPICAL CONDITIONS

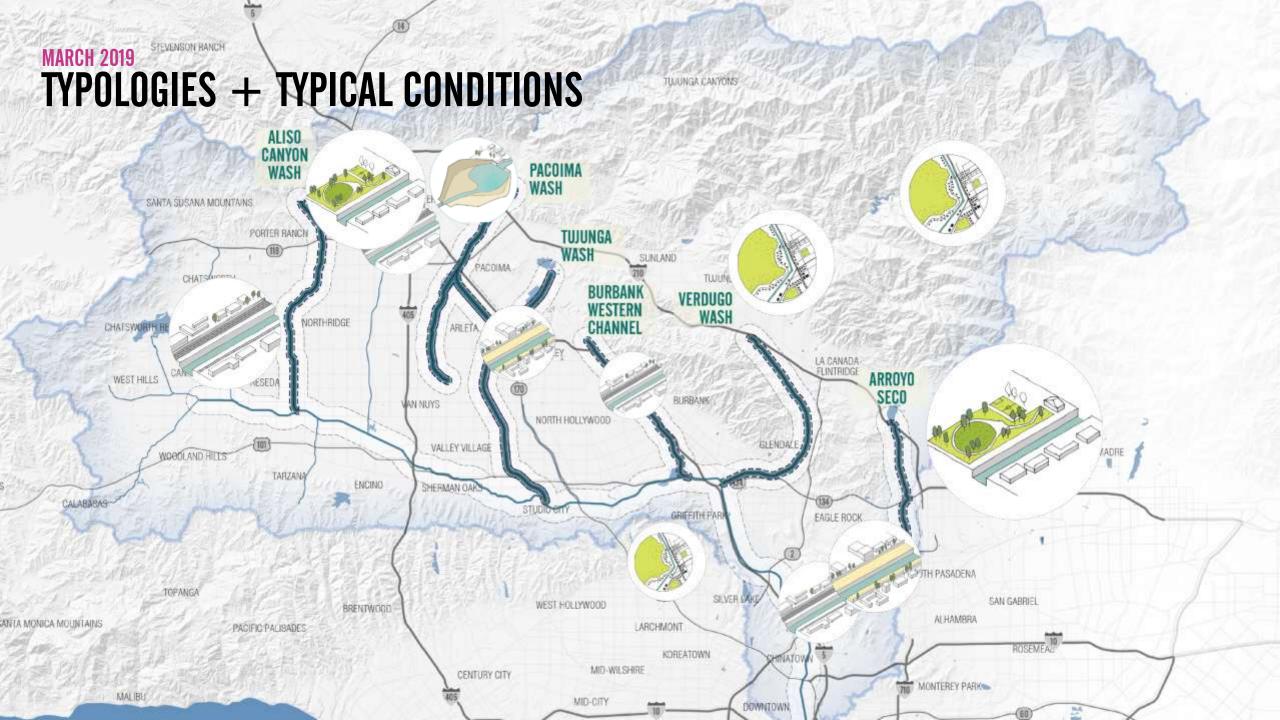


The natural and urban conditions inform the kind of improvement

TYPOLOGIES + TYPICAL CONDITIONS



More than one condition could be relevant to a site



WHAT IS A TYPOLOGY?

TYPOLOGIES SHOULD HAVE A SIMILAR CONDITION

TYPOLOGIES SHOULD MEET A SIMILAR OBJECTIVE

PRELIMINARY TYPOLOGIES

1. Bridge Crossings

2. Channel Right-of-Way

3. Commercial/Industrial

4. Ecological Connections

5. Hidden Tributaries

6. Parks

7. River Confluences

8. River Parks

9. Residential

10. Schools

11. Stormwater Basins

12. Transportation Corridors

13. Urban Barriers

14. Utility Easements & Public Land

An Improvement

A Typical Condition

A Typical Condition

An Improvement

Occur on Varied Land Types

A Typical Condition

Occur on Varied Land Types

A Unique Condition

A Typical Condition

A Typical Condition

A Typical Condition

A Typical Condition

Description of a Condition

A Typical Condition

TYPOLOGY REFINEMENT

1. Bridge Crossings	An Improvement
Channel Right-of-Way	A Typical Condition
3. Commercial/Industrial	A Typical Condition
4. Ecological Connections	An Improvement
5. Hidden Tributaries	Occur on Varied Land Types
6. Parks	A Typical Condition
7. River Confluences	Occur on Varied Land Types
8. River Parks	A Unique Condition
9. Residential	A Typical Condition
10. Schools	A Typical Condition
11. Stormwater Basins	A Typical Condition
12. Transportation Corridors	A Typical Condition
13. Urban Barriers	Description of a Condition
14. Utility Easements & Public Land	A Typical Condition

GROUPING TYPOLOGIES BY OBJECTIVES

PRELIMINARY TYPOLOGIES REFINED TYPOLOGIES Channel Right-of-Way — 1. Channel Right-of-Way Commercial/Industrial — 3. Commercial 4. Industrial Parks River Parks-Transportation Corridors———,6. Community Connections Utility Easements & Public Land Schools ——————————7. Institutions 9. Residential 10. Bridge Crossings 11. Ecological Connections

8. In-Channel Improvements

14. Urban Barriers

12. Hidden Tributaries

13. River Confluences

APRIL 2019

HOW CAN WE SUPPORT CHANGES THROUGH THE ENTIRE WATERSHED?

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.











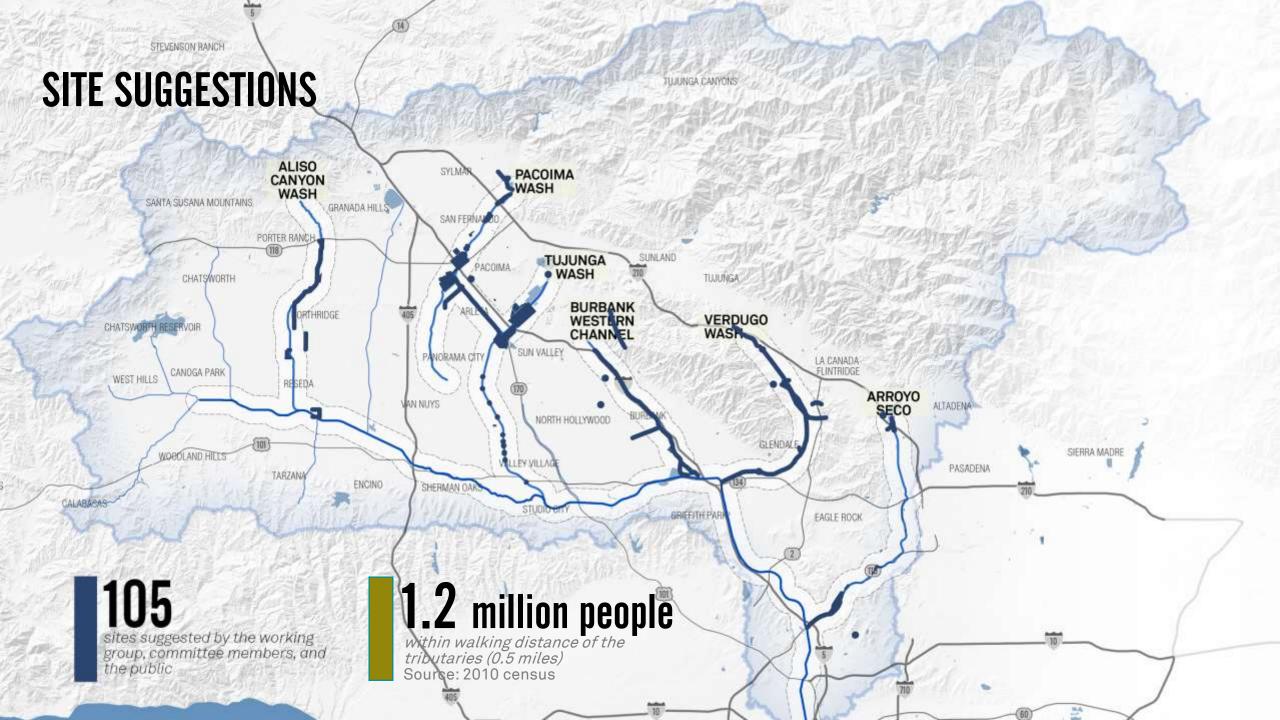


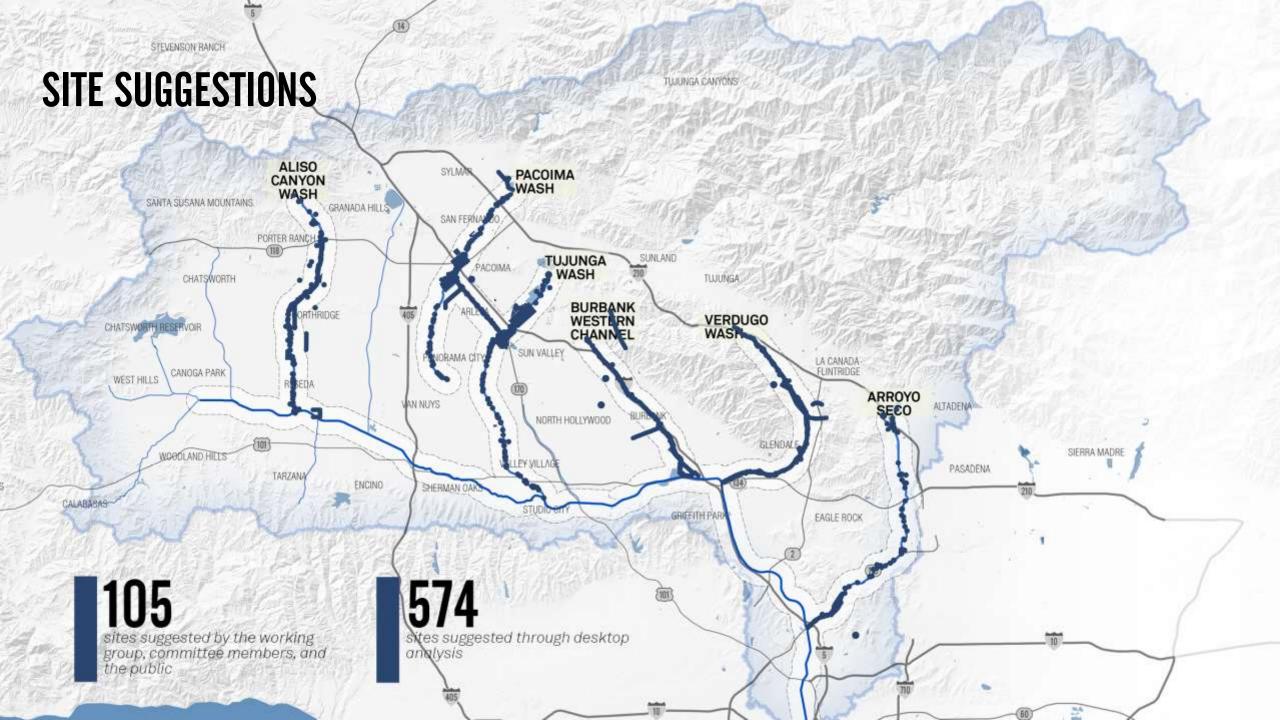


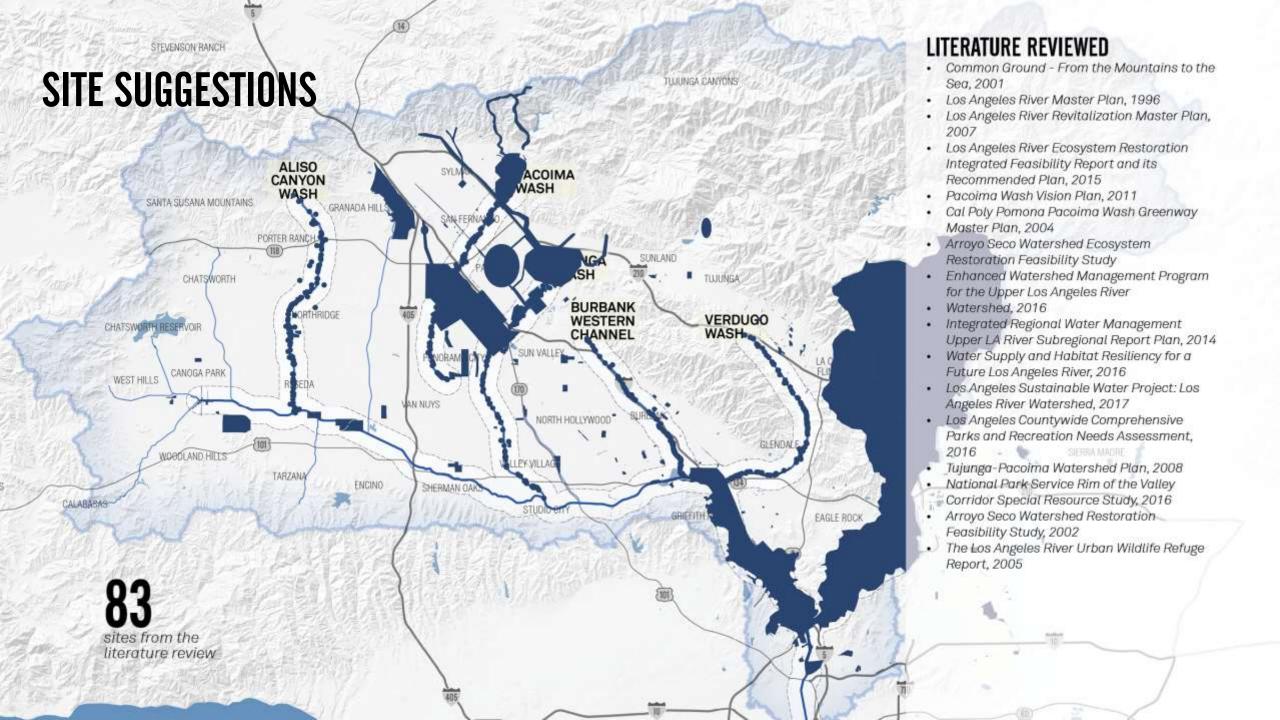
INTRO THEMES ALISO PACOIMA TUJUNGA BURBANK VERDUGO ARROYO SECO

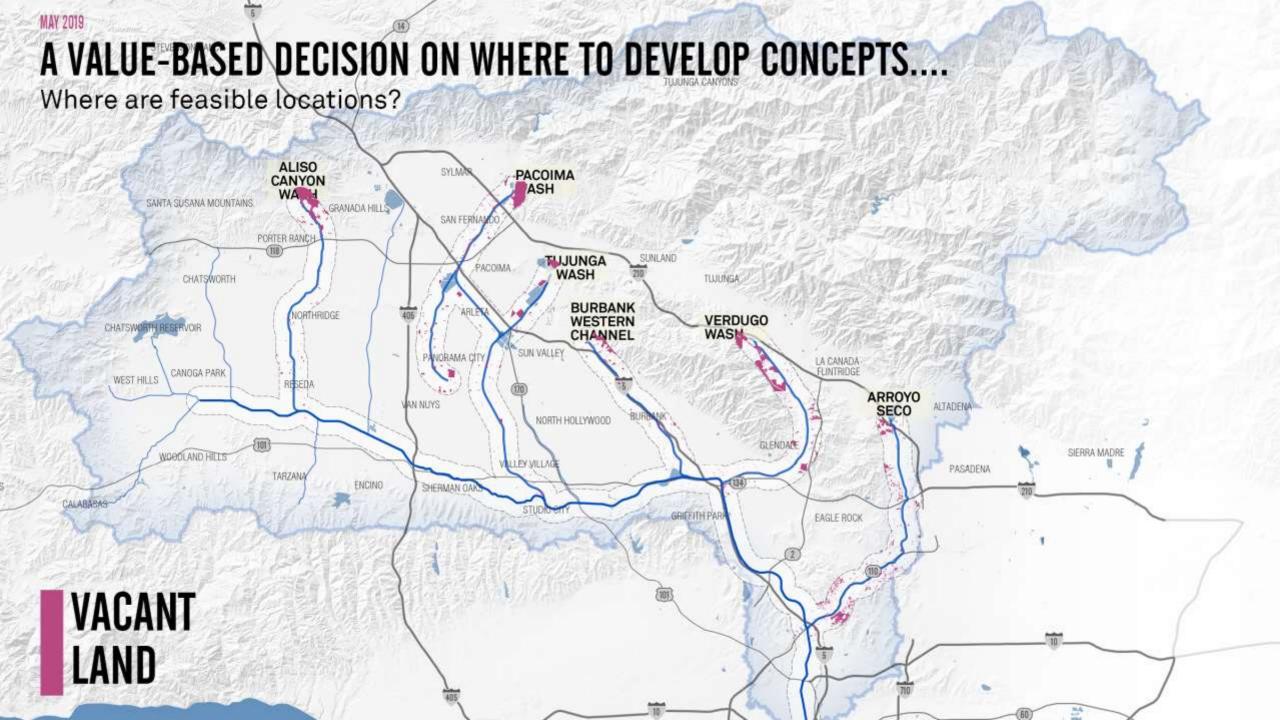
MAY 2019

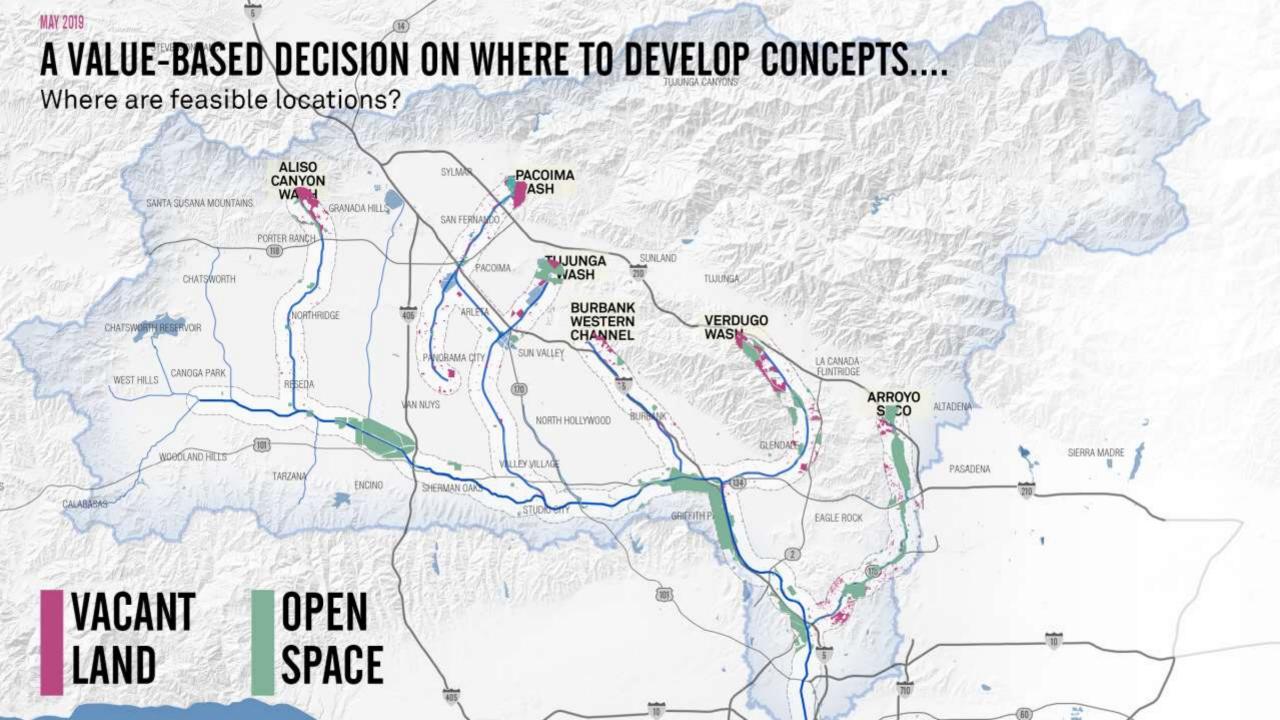
PRIORITIZATION METHOD

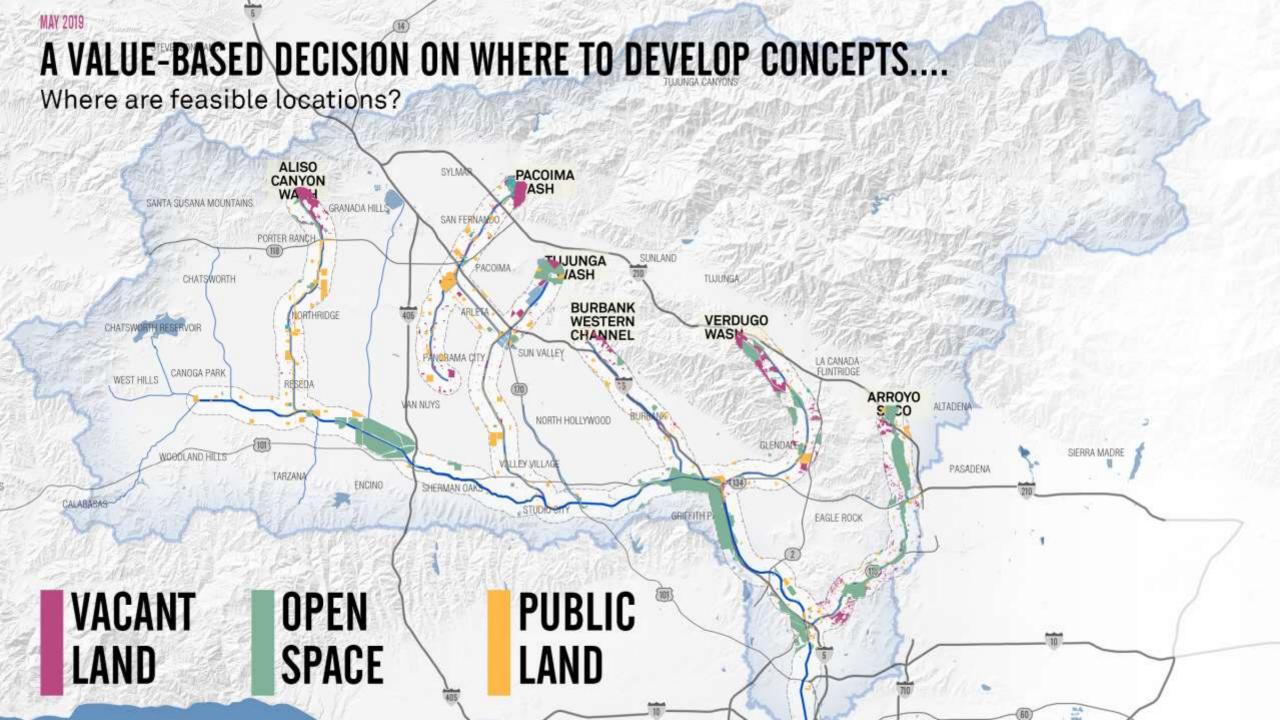


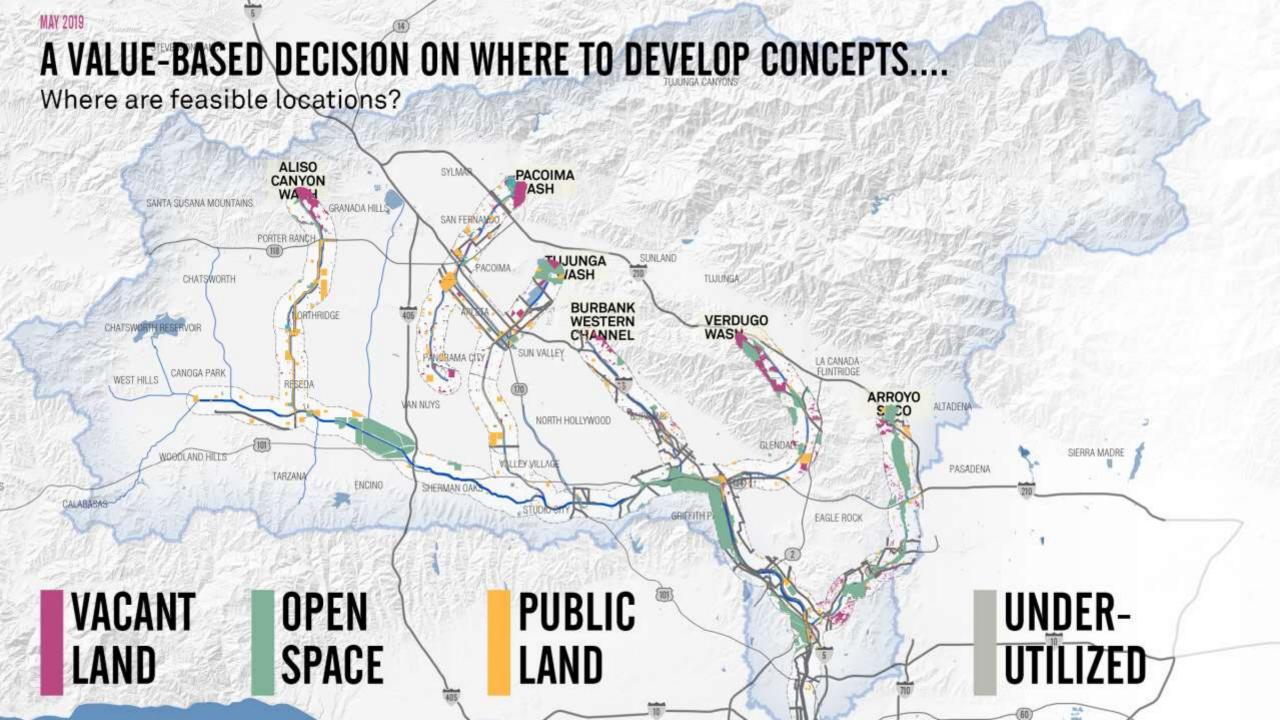












NEED ASSESSMENT | 9 KEY COMPONENTS









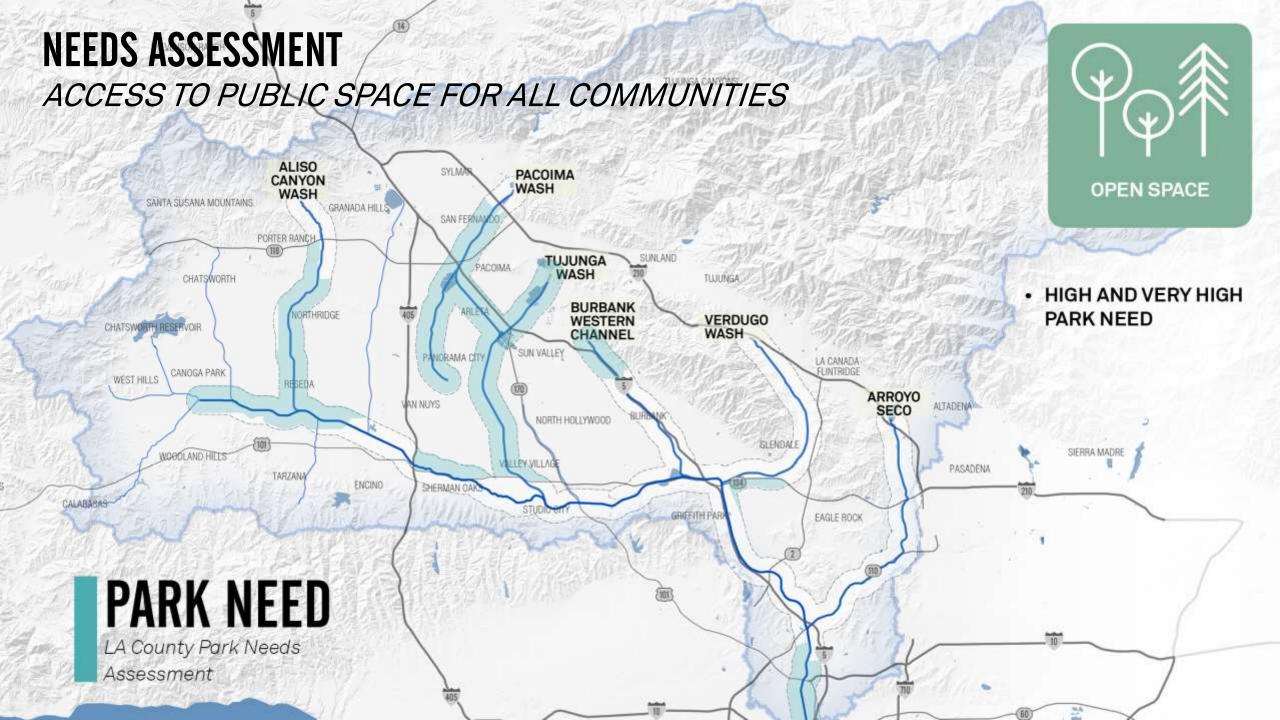


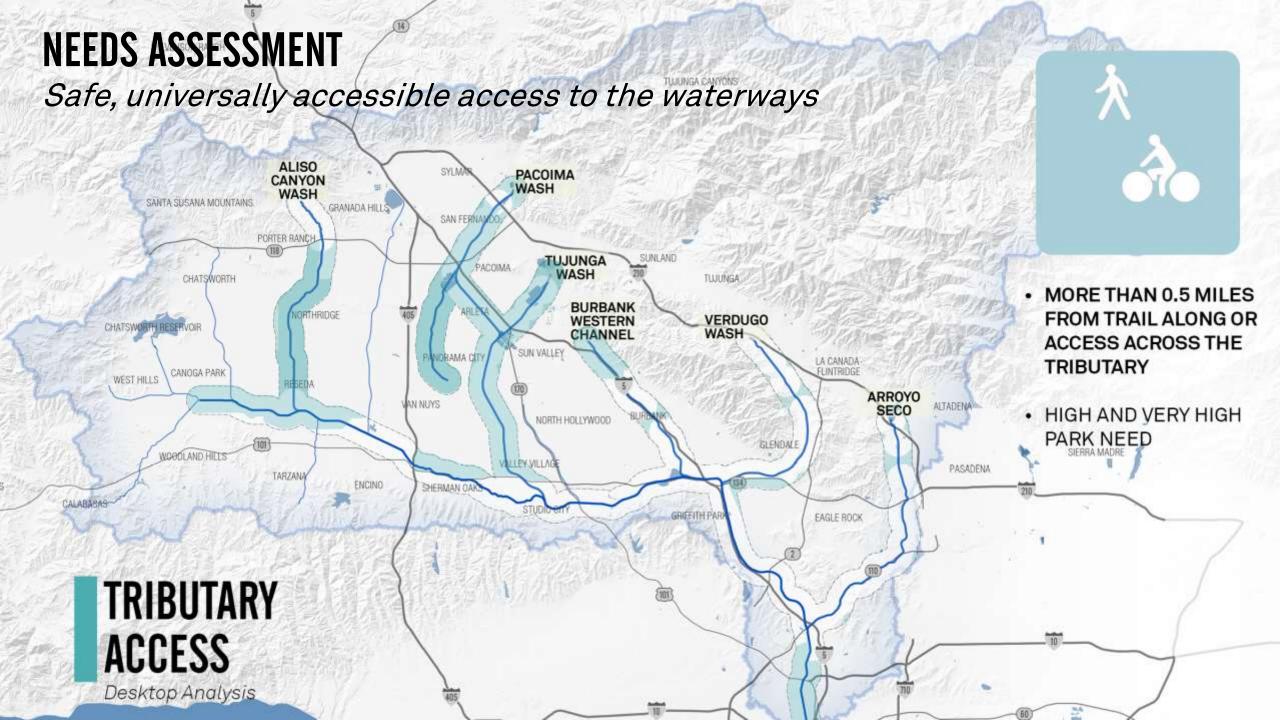






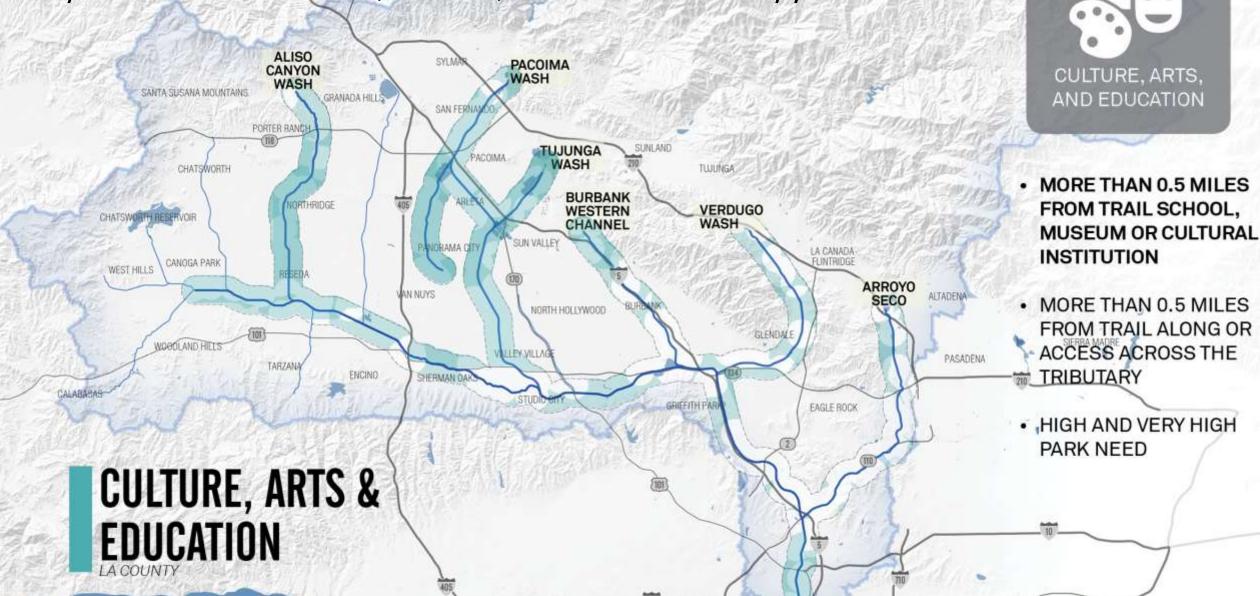


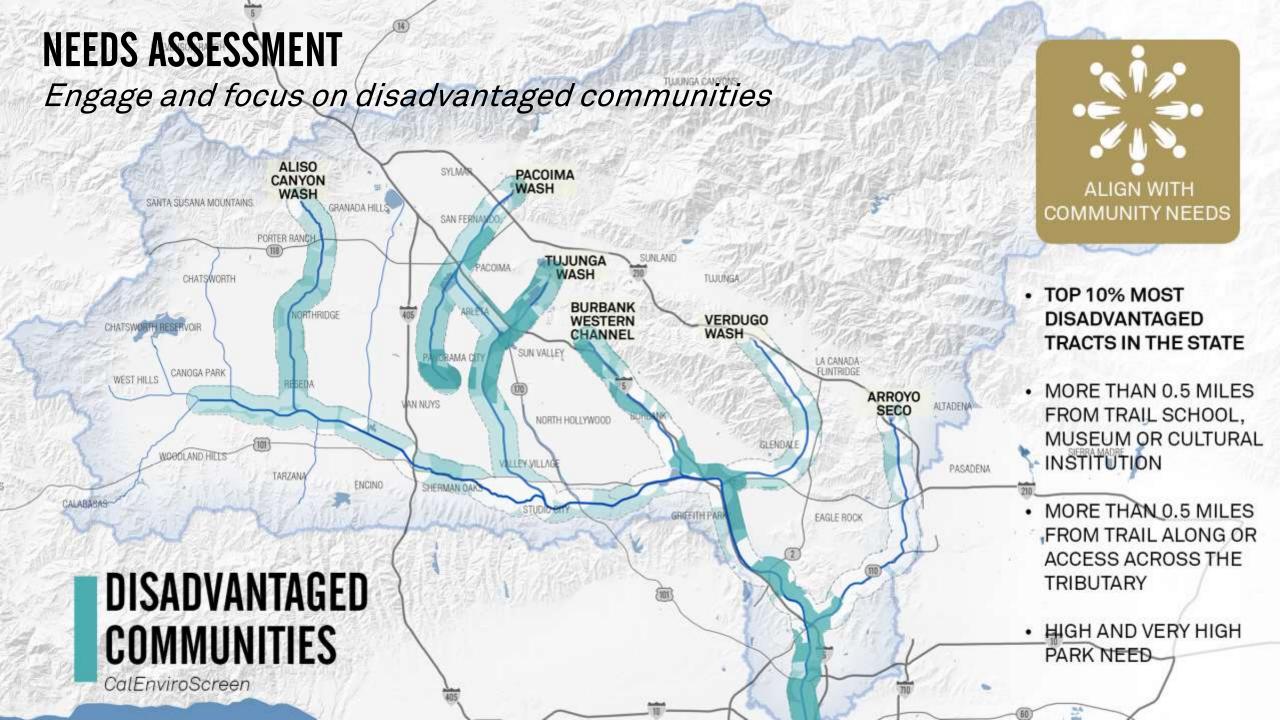


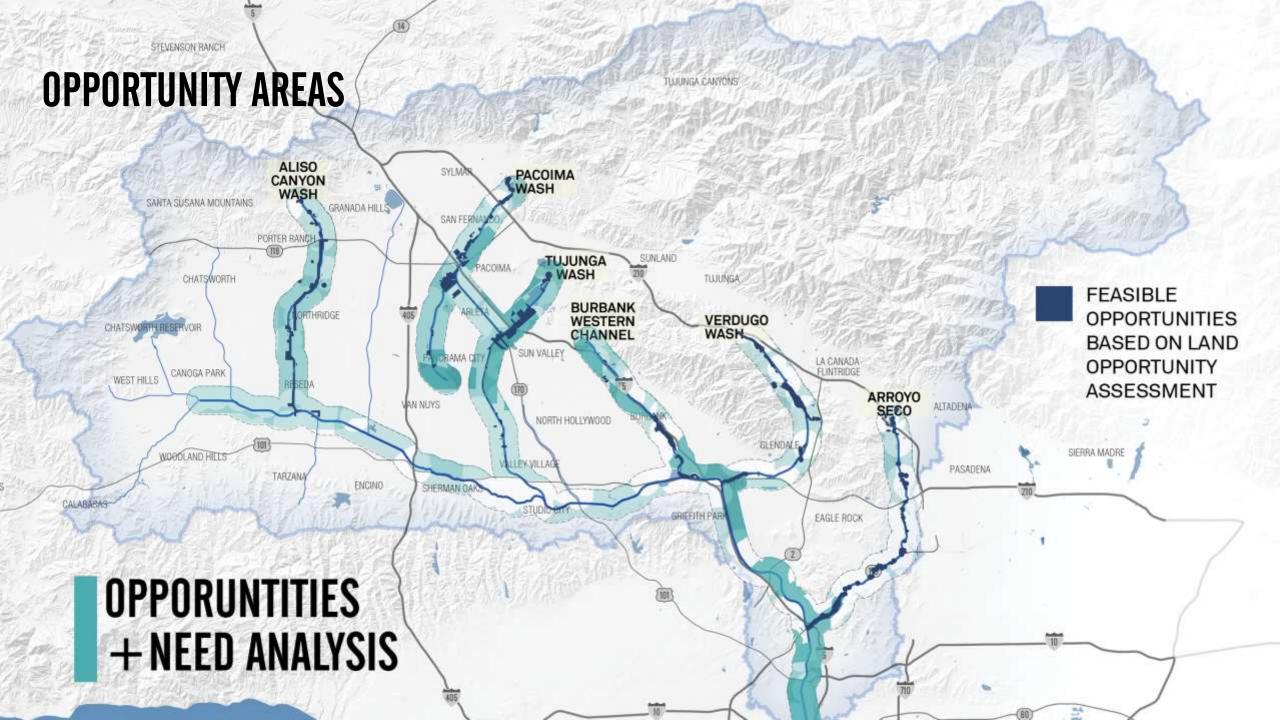


NEEDS ASSESSMENT

Equitable access to art, culture, and educational opportunities







SITE EVALUATION CRITERIA

NEED ASSESSMENT | 9 KEY COMPONENTS



















A. PREREQUISITES

ALL PROJECTS MUST MEET THE FOLLOWING CRITERIA:

- Community engagement and outreach occurs during all phases.
- Project does not create a flood risk.
- Project is within ½ mile of the waterway.
- Suitable for an open space or water-related funding source

B. CORE QUALITIES SCORE

The intrinsic, core qualities of the project include:

NATURE BASED AND WATERSHED MANAGEMENT

- Incorporates site appropriate natural features in alignment with traditional,
 local, and scientific knowledge of the area
- Native plants or species are introduced
- Site captures, treats, or infiltrates stormwater
- Treats stormwater that otherwise has no existing opportunity to be treated; or treats stormwater that enters a drainage system with opportunities for structural BMPs.

B. CORE QUALITIES SCORE

OPEN SPACE

Is within at least .1 acre of new habitat.

CONNECTIVITY/SAFE AND EQUITABLE ACCESS

- Provides new/additional access or connectivity to the river, tributaries or open space
- Enhances existing access point to meet requirements of the special needs community

CLIMATE RESILIENCY/ECOSYSTEM ENHANCEMENT

• Provides biodiversity, habitat, or ecosystem health improvement opportunities

B. CORE QUALITIES SCORE

ART, CULTURE OR EDUCATION

- Is within walking distance of institutions (i.e. museums, schools, cultural centers)
- Incorporates additional art, culture, or educational opportunities through physical elements or programing

RECREATION (PASSIVE)

- Creates new passive recreation area
- Includes upgrades to existing passive recreation area (50%)

ECONOMIC AND WORKFORCE DEVELOPMENT

FLOOD RISK REDUCTION

• DOES NOT CREATE ADDITIONAL FLOODING (PREREQUISITE)

Addresses unmet drainage needs or local flood complaints

• Is within the 100 year flood plain

COMMUNITY ENGAGEMENT + DISADVANTAGED COMMUNITIES

Focus on community engagement especially in underserved communities with an emphasis on environmental justice

Community engagement and outreach occurs during all phases of opportunity development (**Prerequisite**)

- CalEnviroScreen score is greater than 75 and less than 84
- CalEnviroScreen score is greater than 85 and less than 94
- CalEnviroScreen score is greater than 95

FOCUS ON LOCATION

- Project is within 500' of waterway. 50% points allowed for being within 4 mile
- Project is within of ¼ mile of a public transit access point
- Project is within ¼ mile of a cultural, arts or education facility

SAMPLE SITES

ALISO CANYON WASH // WILBUR DEBRIS BASIN

NOTED OPPORTUNITY

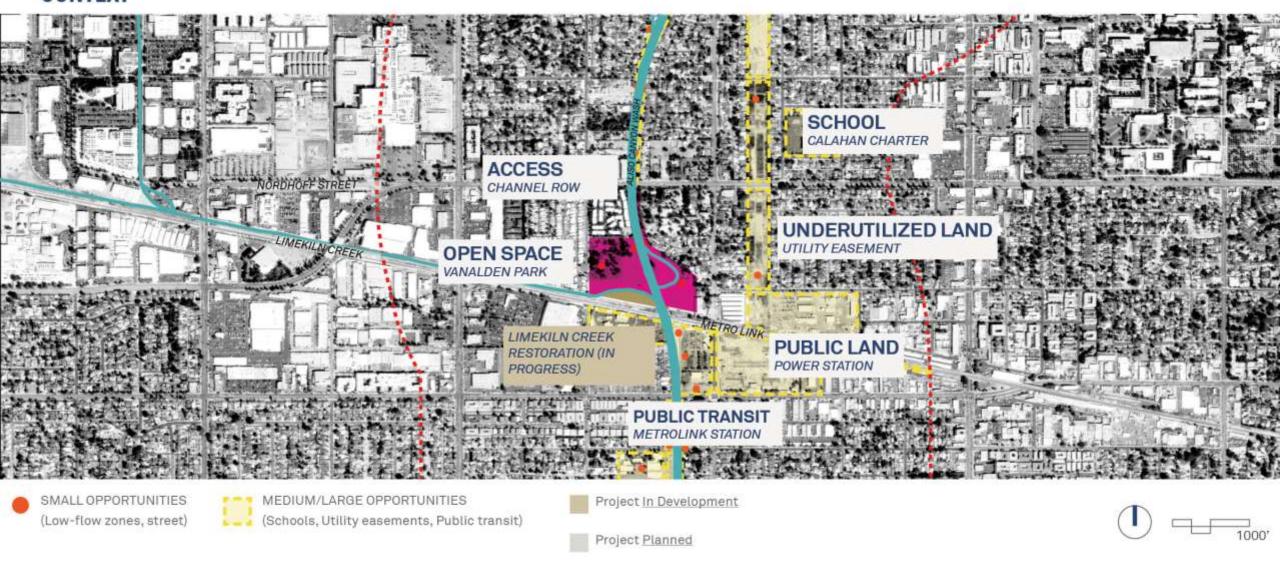
DISADVANTAGED COMMUNITY CALENVIROSCREEN SCORE: 75-84 (100 is the most disadvantaged)







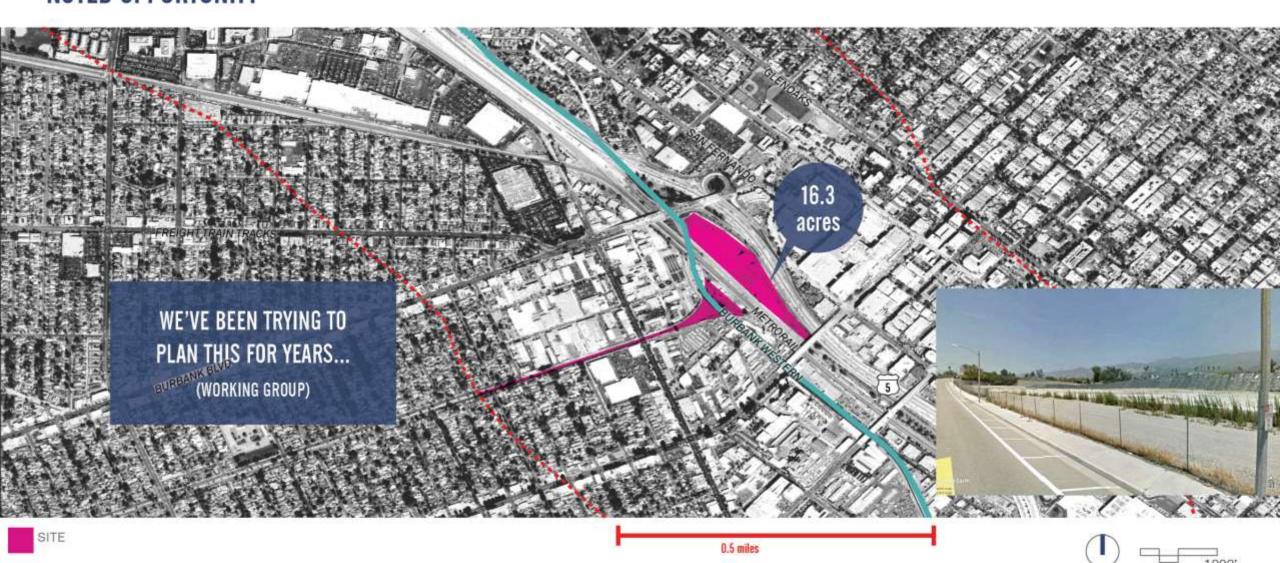
ALISO CANYON WASH // WILBUR DEBRIS BASIN MULTIPURPOSE TRIBUTARY ENHANCEMENTS CONTEXT



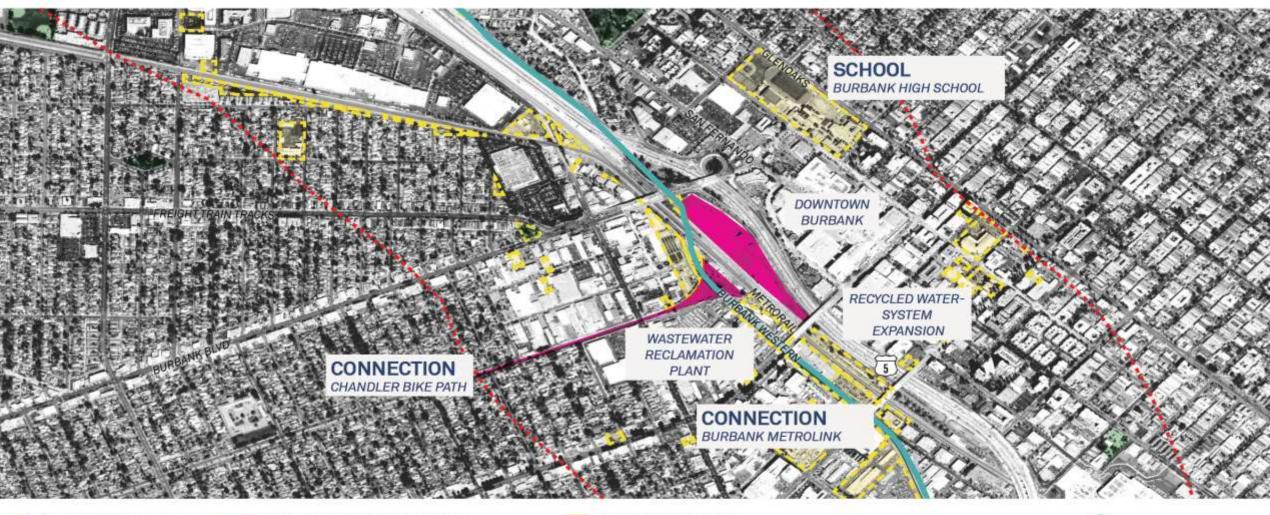
Score:80

BURBANK WESTERN // CHANDLER TRIBUTARY ACCESS NOTED OPPORTUNITY

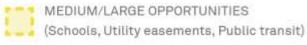
DISADVANTAGED COMMUNITY CALENVIROSCREEN SCORE: 75-84 (100 is the most disadvantaged)



BURBANK WESTERN // CHANDLER TRIBUTARY ACCESS CONTEXT

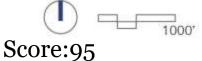






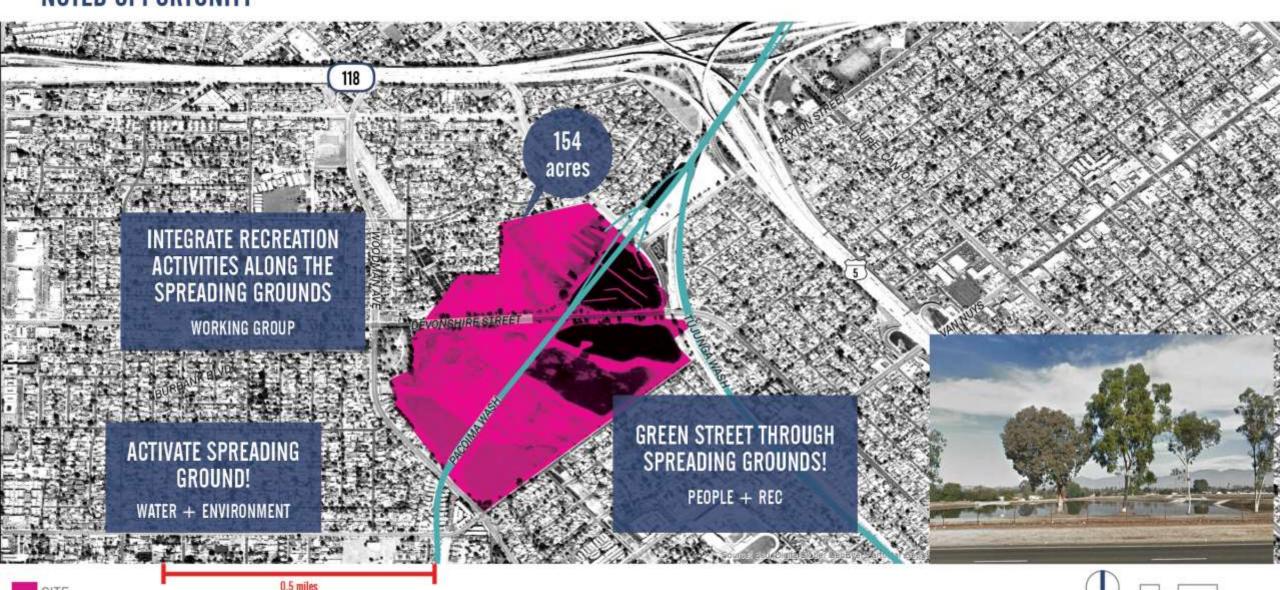






PACOIMA WASH // PACOIMA SPREADING GROUNDS NOTED OPPORTUNITY

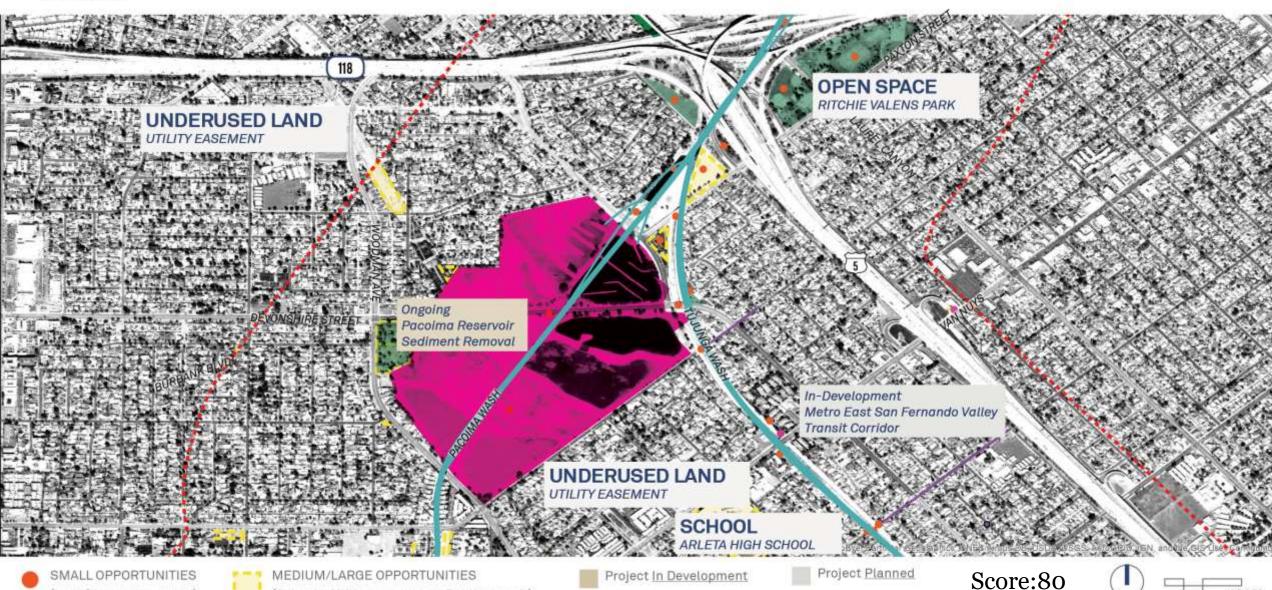
DISADVANTAGED COMMUNITY CALENVIROSCREEN SCORE: 85-94 (100 is the most disadvantaged)



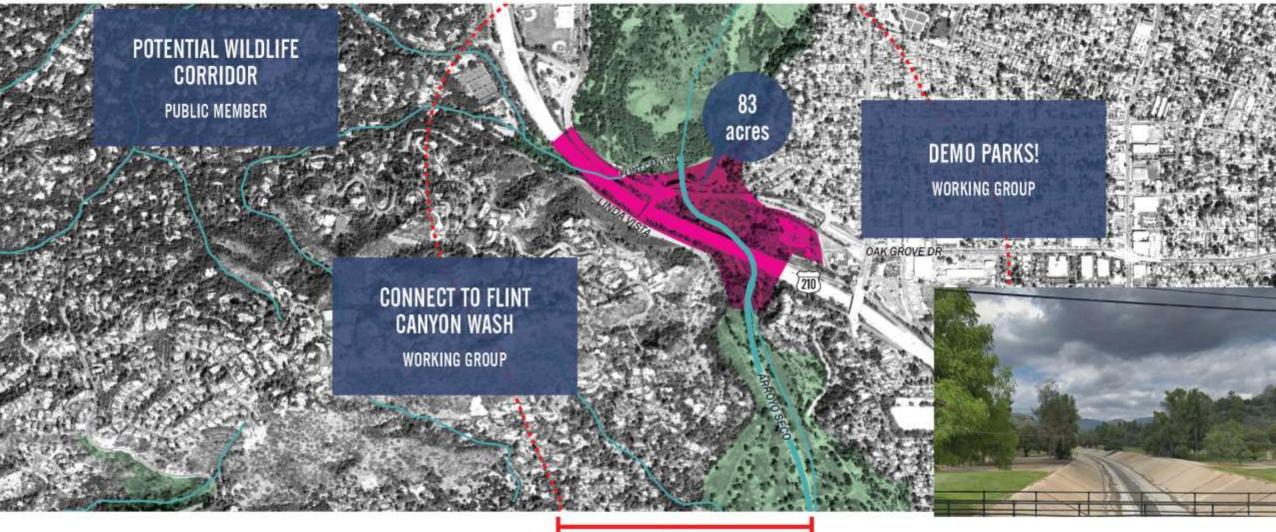
PACOIMA WASH // PACOIMA SPREADING GROUNDS CONTEXT

(Schools, Utility easements, Public transit)

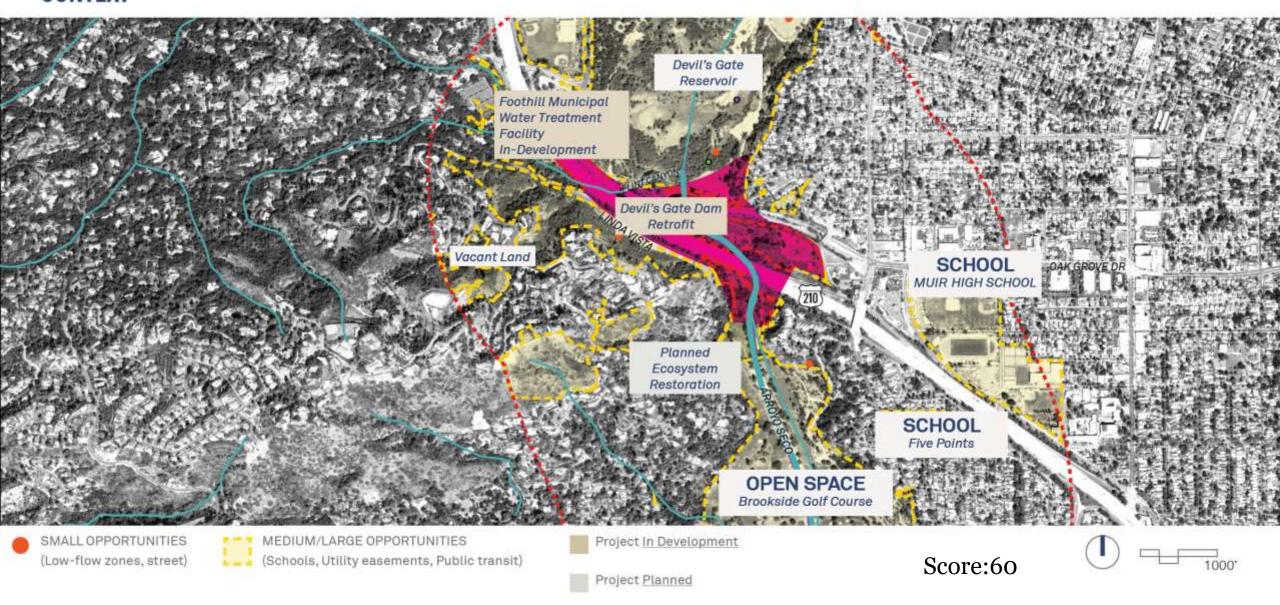
(Low-flow zones, street)



ARROYO SECO WASH // FLINT CANYON CHANNEL ENHANCEMENT NOTED OPPORTUNITY



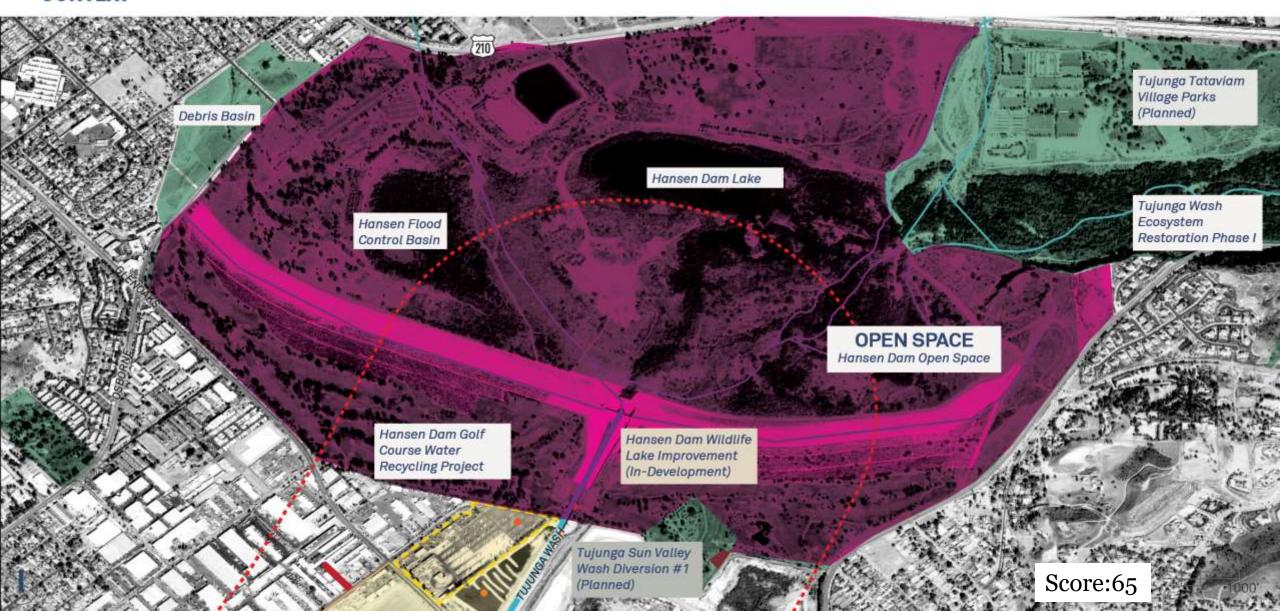
ARROYO SECO WASH // FLINT CANYON CHANNEL ENHANCEMENT CONTEXT



DISADVANTAGED COMMUNITY CALENVIROSCREEN SCORE: 95+



TUJUNGA WASH // HANSEN DAM LAKE REVITALIZATION CONTEXT



SITE EVALUATION DISCUSSION

CONSIDERATION OF
RESOLUTION APPROVING
PRIORITIZATION
METHODOLOGY



ITEM 9. MEMBER COMMENTS ON MATTERS NOT ON THE AGENDA





ITEM 10. ANNOUNCEMENT OF FUTURE MEETINGS AND ADJOURNMENT



Revitalization Plan Upcoming Events

Working Group	Water & Environment and People & Recreation Committees
July 25, 2019	June 28, 2019
September 26, 2019	August, 2019
October, 2019	November, 2019

Community Engagement and Outreach	
NGOS perform outreach for Round 2 Community Meetings	June 2019
Round 2 Community Meetings	June 2019 (exact dates TBD)









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AB 466 Upper Los Angeles River and Tributaries Revitalization Plan

Working Group Meeting 5
May 23, 2019

Santa Monica Mountains Conservancy