

Safe, Clean Water Program

Central Santa Monica Bay

Watershed Area Steering Committee (WASC)



Meeting Minutes:

Thursday, March 5, 2020
10:00am - 12:00pm
Veterans Memorial Complex – Garden Room,
4117 Overland Avenue, Culver City, CA 90230

Attendees

Committee Members Present:

Liz Crosson (Los Angeles)	Alex Heide* (West Basin)
Gloria Walton (SCOPE)	Neal Shapiro (Santa Monica)
Bruce Reznik (LA Waterkeeper)	Delon Kwan (LADWP)
Charles Herbertson (Culver City)	Cung Nguyen (LACFCD)
Hany Dmitri* (West Hollywood)	Armando D'Angelo* (LA County)
Katie Mika (LA Bureau of Sanitation)	Alysen Weiland* (PSOMAS)
Rita Kampalath (LA County CEO)	

Committee Members Not Present:

Ackley Padilla (Los Angeles)
Jeff Camp (Los Angeles)
Darryl Ford* (LA Recreations & Parks)

*Committee Member Alternate

See attached sign-in sheet for full list of attendees

1. Welcome and Introductions

Liz Crosson, the Chair of the Central Santa Monica Bay WASC, called the meeting to order.

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

2. Approval of Meeting Minutes from February 20, 2020

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

Katie Mika provided clarification to the Committee on outstanding questions from February 20th. Charles Herbertson requested Kim Braun have asterisk (*) to note she is the alternate for Culver City.

Bruce Reznik made a motion to approve the meeting minutes. Charles Herbertson seconded the motion. The Committee voted to approve the meeting minutes (unanimous).

3. Public Comment Period

No Public comments received.

4. Committee Member and District Updates

Kirk Allen provided the District update: noting that the public review of the fund transfer agreement will be released next week for comment; provided an overview of today's committee member handouts; and provided a summary of how other WASCs have tackled project ranking and prioritization.

Safe, Clean Water Program

Central Santa Monica Bay

Watershed Area Steering Committee (WASC)



Liz Crosson recommended the Committee utilize the District provided ranking sheets. The Committee discussed their thoughts on a ranking sheet process. The Committee decided to hold a ranking sheet of projects after both projects were presented.

Cung Nguyen noted that the SSMB WASC considered an 80-percent fund allocation for year one, and a 50-percent fund estimate allocation for future years. Liz Crosson noted that these funding limits would ensure funding would be available in future years for new projects.

Bruce Reznik provided a summary of the Scoring Committee (SC) process, noting that the SC is providing recommendations for updates to the feasibility study guidelines, website, and scoring criteria to make the scoring process clearer.

5. Discussion Items:

a) Ex Parte Communication Disclosures

Bruce Reznik has had conversations with Our Water LA on the scoring process and has encouraged other outside agencies to attend the WASC meetings.

Katie Mika and Bruce Reznik were already aware of the presentations given at today's meeting.

b) Presentations from the Regional Program Funding Applicants

i) Edward Vincent Junior Park Stormwater Improvements Project (Inglewood)

Neal Shapiro inquired if on-site storage for irrigation was considered. Inglewood noted that it would be potentially possible to incorporate on-site storage for water supply. Neal Shapiro inquired if the site allows for usable groundwater infiltration. Inglewood noted that the project site is located in West Basin and would be able to recharge into a usable groundwater aquifer.

Bruce Reznik and Gloria Walton inquired if the community had been engaged in this project. Inglewood noted that they were unable to provide that detail at this time.

Alex Heide inquired how the funding would vary given that the feasibility study would be part of the TRP. Kirk Allen clarified that all TRP funded projects would be limited to \$300k.

Armando D'Angelo noted that this is a partner project with County Unincorporated Area and will help to address a very large tributary area; further noting that the project proponents plan to reach out to all surrounding communities.

ii) MacArthur Lake Rehabilitation Project (Los Angeles)

Neal Shapiro inquired if the project utilizes leveraged funds. Los Angeles noted that funds would be sought from LA City Parks.

Charles Herbertson inquired if domestic water is used to manage the lake currently. Los Angeles noted that the project utilizes domestic water currently. Los Angeles clarified that the project would utilize stormwater to help offset 40-percent of the sites current domestic water demand.

Charles Herbertson inquired if this project will meet the compliance requirement for the tributary. Los Angeles noted that the project would have 100-percent capture for wet weather.



c) CSMB Project Prioritization and Selection Discussion

The Committee discussed their thoughts on how the ranking could be conducted in an organic process, while providing equitable project distribution for benefits to the various municipalities proportionally. The committee focused heavily on projects that provided benefits to Disadvantaged Communities (DACs). Additional consideration was placed on phasing of budgets for individual projects to fit the 80-percent first year and 50-percent future year budget targets.

The committee utilized the ranking sheets to consider a project prioritization process.

The following table does not represent a voting item, and additional changes and prioritization methodologies may be sought by the Committee. Not all committee members provided ranked values for all projects, and only half of Committee members provided rankings for the scientific studies program. This artificially reduced the score on all scientific studies, so a “Program Place” column shows the ranking sub-divided per program. Results should only be used as a reference.

Project Name	# of Votes	Score	Program Place	Overall Place
(IP) Monteith Park and View Park Green Alley	12	136	1st	1st
(IP) MacArthur Lake Rehabilitation Project	12	120	2nd	2nd
(IP) Culver City Mesmer Low Flow Diversion	11	117	3rd	3rd
(IP) Ladera Park Stormwater Improvements...	11	106	4th	4th
(IP) Ballona Creek TMDL Project	10	99	5th	5th
(IP) Beverly Hills Burton Way Green Street...	12	88	6th	6th
(IP) Sustainable Water Infrastructure Project	12	87	7th	7th
(TRP) Edward Vincent Junior Park Stormwater...	10	73	TRP-1st	8th
(IP) Washington Boulevard Stormwater and...	10	69	8th	9th
(IP) Imperial Highway Sunken Median	10	66	9th	10th
(SSP) Recalculation of Wet Weather Zinc...	6	20	SSP-1st	11th
(SSP) Regional Scientific Study to Support...	5	18	SSP-2nd	12th
(SSP) Coordinated Safe Clean Watershed Plans	6	16	SSP-3rd	13th

6. Voting Items:

None

7. Items for next agenda

The Committee decided to continue the ranking process in the next meeting.

9. Adjournment

Liz Crosson thanked the committee members and public for their time and participation and adjourned the meeting.

Central Santa Monica Bay
 Watershed Area Steering Committee Meeting
 COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
Cung Nguyen	FCD	CUNGUYEN@dpw.lacounty.gov	P	
Carolina Hernandez	FCD	CHERNANDEZ@dpw.lacounty.gov	A	
E.J. Caldwell	West Basin	edwardc@westbasin.org	P	
Alex Heide	West Basin	alexanderh@westbasin.org	A	
Cathie Santo Domingo	Los Angeles Recreation & Parks	cathie.santodomingo@lacity.org	P	
Darryl Ford	Los Angeles Recreation & Parks	Darryl.Ford@lacity.org	A	
Katie Mika	Los Angeles - Sanitation	kathryn.mika@lacity.org	P	
Ariel Flores	LA Sanitation and Environment	ariel.flores@lacity.org	A	
Delon Kwan	Los Angeles Department of Water and Power	delon.kwan@ladwp.com	P	
Art Castro	Los Angeles Department of Water and Power	art.castro@ladwp.com	A	
Rita Kampalath	LA County Chief Sustainability Office	RKampalath@ceo.lacounty.gov	P	
Gary Gero	LA County Chief Sustainability Office	ggero@ceo.lacounty.gov	A	
Jacob Lipa	Lipa Consulting Company	jacob@lipaconsulting.com	P	
Alysen Weiland	PSOMAS / Balancing the Natural and Built Environment	aweiland@psomas.com	A	
Gloria Walton	SCOPE	gwalton@scopela.org	P	
Bruce Reznik	LA Waterkeeper	bruce@lawaterkeeper.org	P	

Central Santa Monica Bay
 Watershed Area Steering Committee Meeting
 COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
Liz Jones	LA Waterkeeper	liz@lawaterkeeper.org	A	
Ackley Padilla	Los Angeles	ackley.padilla@lacity.org	P	
Charles Herbertson	Culver City	charles.herbertson@culvercity.org	P	
Kim Braun	Culver City	Kim.Braun@culvercity.org	A	
Lauren Amimoto	Inglewood	lamimoto@cityofinglewood.org	A	
Jeff Camp	Los Angeles	jeff.camp@lacity.org	P	
Josette Descalzo	Beverly Hills	jdescalzo@beverlyhills.org	P	
Hany Demitri	West Hollywood	Hdemitri@weho.org	A	
Liz Crosson	Los Angeles	liz.crosson@lacity.org	P	
Susie Santilena	Los Angeles	susie.santilena@lacity.org	A	
Neal Shapiro	Santa Monica	Neal.shapiro@smgov.net	P	
Rick Valte	Santa Monica	rick.valte@smgov.net	A	
Paul Alva	Los Angeles County	PALVA@dpw.lacounty.gov	P	
Mark Lombos	Los Angeles County	MLOMBOS@dpw.lacounty.gov	A	
Bruce Hamamoto	Los Angeles County	BHAMAMO@dpw.lacounty.gov	A	

Armando D'Angelo LOS ANGELES COUNTY ADANBERO@dpw.lacounty.gov A

Gloria Medina SCOPE gmedina@scopela.org A

Central Santa Monica Bay
 Watershed Area Steering Committee Meeting
 PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Deborah Deets	DEETS	LASAN	deborah.deets@lacity.org
Dannelle Chupa	Chupa	Cadoba	dchupa@cordobacorp.com
Jon Ball	Ball	LASAN	jon.ball@lacity.org
Wendy Dinch	Dinch	LASAN	wendy.dinch@lacity.org
Brett Perry	Perry	LASAN	brett.perry@lacity.org
Marisol Ibarra	Ibarra	LASAN	Marisol.Ibarra@lacity.org
Brenda	Panton	Woodard & Curran	bpanton@woodardcurran.com
Shahram	Kharaghani	LASAN	shahram.kharaghani@lacity.org
Renee	Purdy	RW@CB	Renee.Purdy@waterboards.ca.gov
Katie	Harrel	CHE	kharrel@che.com
Jud	Warran	WESTON	robert.warren@westonsolutions.com
Jon	Aselson	Stanee	jonathan.aseison@stanee.com
Conor	Mossavi	LADWP	conor.mossavi@ladwp.com
ART	ASTRO	LADWP	
DEREK	NGUYEN	City of Beverly Hills	DNGUYEN@BeverlyHills.org

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

Central Santa Monica Bay
 Watershed Area Steering Committee Meeting
 PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Shahriar	Eftekharzadeh	City of LA / SEITCC	Shahriar.Eftekharzadeh@seitccinc.com
Richard	Watson	PWD	rwatson@pwplanning.ca

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

Edward Vincent Junior Park Stormwater Improvements Project



Project Lead: City of Inglewood

Project Collaborators: City of Los Angeles
Los Angeles County

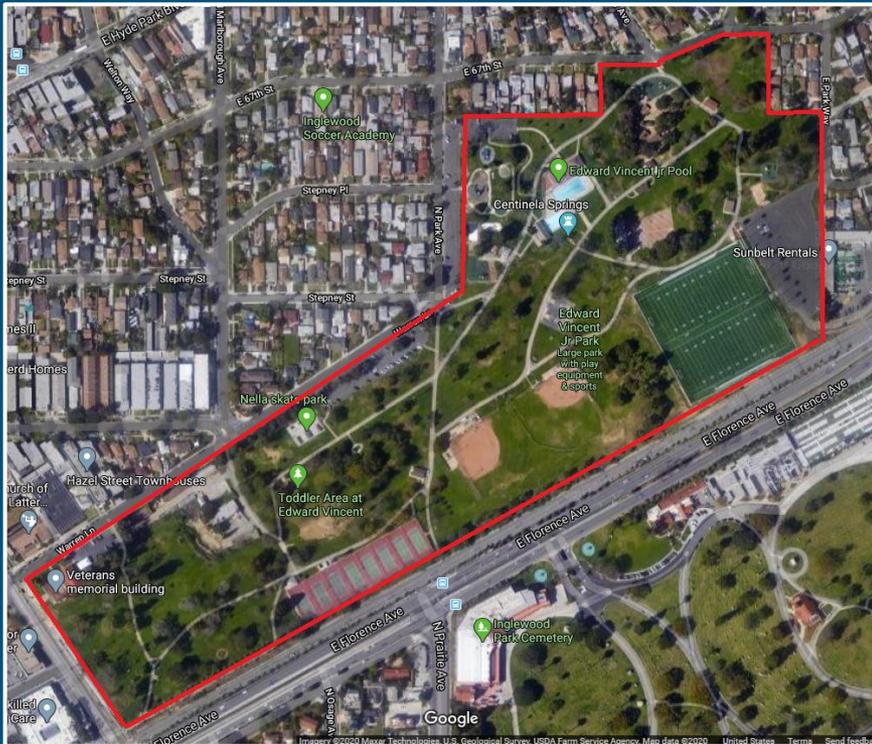
Brett Perry

brett.perry@lacity.org

(213) 847-3548

Project Location

- **Address:** 700 Warren Lane, Inglewood CA
- **Watershed:** Centinela Creek in Ballona Creek Watershed
- **Park Features:** Recreation center, pool, sports courts, fields, open turf with trees
- **Drainage Area:** Cities of Inglewood and Los Angeles, Los Angeles County



Project Description

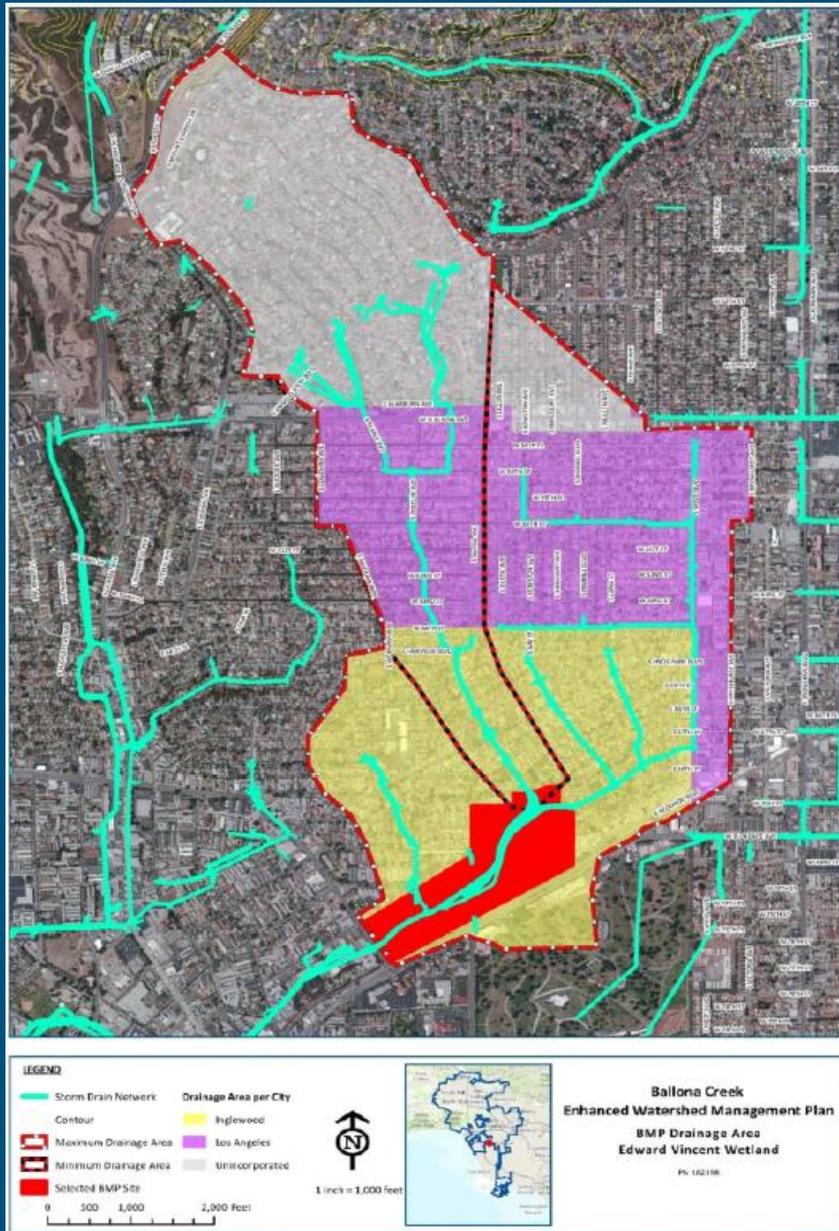
- **Origin:** Ballona Creek EWMP Signature Project
- **Proposed:** Surface retention/infiltration basin at the west side of the park
 - Capture stormwater and dry weather runoff
 - Low point of the park could be possibly utilized as a biofiltration/wetlands area
 - Concept expected to evolve



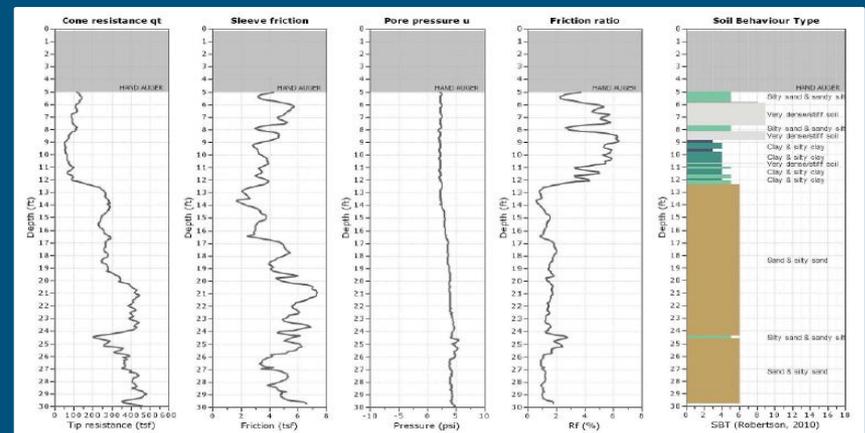
- **Goals:**
 - Retain and/or treat the 85th percentile 24-hr storm volume
 - Reduce bacteria, metals, toxics, trash, and other pollutants in the Ballona Creek watershed
 - Provide additional benefits to the surrounding community



Technical Project Information



- **Drainage Area:** 983 acres
 - Diversions from 3 different LACFCD storm drains
 - Drainage area split between 3 agencies
- **Recommended BMP Size:** 45.7 acre feet
 - Estimated 6.3 acres available for BMP placement
 - Potential for infiltration and significant irrigation demand
- Soil Borings have been completed on-site.



Public Outreach

- **Public Outreach:**
 - The Department of Recreation will be closely involved in the development of this Project to ensure cohesive upgrades are made and community input is valued.
 - The Department of Recreation has outlined the steps needed for early community engagement.
 - Local Council Districts can provide insight on their constituent needs.
 - Outreach meetings will be held at Edward Vincent Junior Park with the local community to inform them of the stormwater quality elements below-ground and gather input on their needs above-ground



Estimated Project Schedule

Edward Vincent Jr. Park Project Estimated Schedule	
Description	Dates
Submit Safe Clean Water Application	12/12/2019
Project Development Kickoff Meeting	08/01/2020
Complete Project Concept Report	08/01/2021
Complete Design Plans	08/01/2022
Start Construction	02/01/2023
Complete Construction	04/01/2029

Estimated Project Cost

Edward Vincent Jr. Park Project Estimated Cost	
Description	Cost
Planning and Engineering <ul style="list-style-type: none">○ Planning○ Design○ Permits○ CEQA○ Construction Administration	\$ 8,267,000
Construction <ul style="list-style-type: none">○ Mobilization○ Excavation○ Storm Drain Diversion○ BMPs	\$ 36,624,000
Estimated Total Cost:	\$ 44,891,000

Annual Cost Estimate	
Annual Maintenance Cost:	\$70,000
Annual Operation Cost:	\$10,000
Annual Monitoring Cost:	\$50,000
Project Life Span:	50 years

Project Benefits



- Water Quality

- Project will address TMDL constituents and improve water quality in Centinela Creek, Ballona Estuary, and the Santa Monica Bay

- Water Supply

- The project will capture, treat, and potentially infiltrate stormwater and urban runoff to the Central Basin and West Cast Basin
- Water harvested can be utilized for a significant amount of on site irrigation

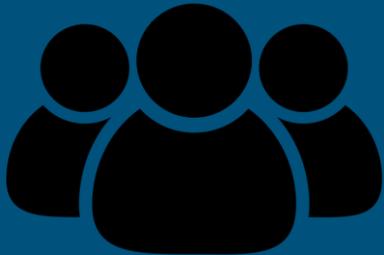


- Nature Based Solutions

- Bioswales could be incorporated into field areas to treat runoff from the site
- Native plants in bioswales would provide enhanced habitat

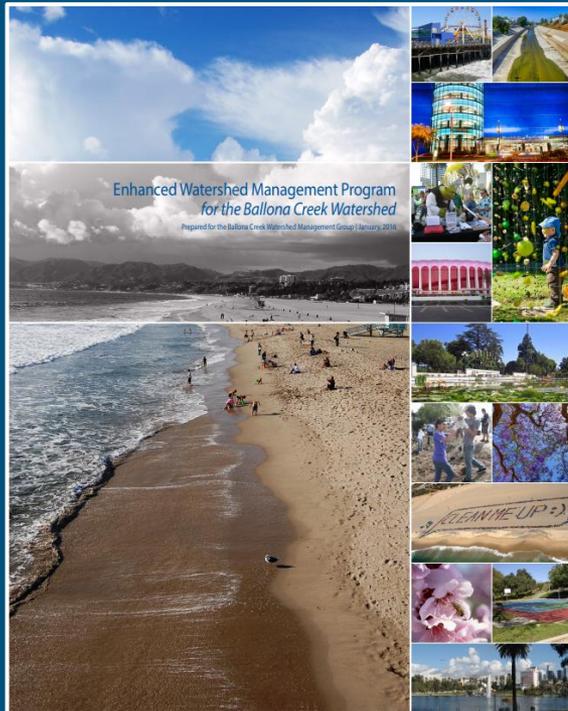
- Community Investment

- Located within and directly adjacent to Disadvantaged Communities
- Residents could enjoy additional recreational and environmental improvements
 - Community improvements can include new playing fields, walking paths, exercise equipment, playground equipment
 - Determination of which will be done through project development and community outreach

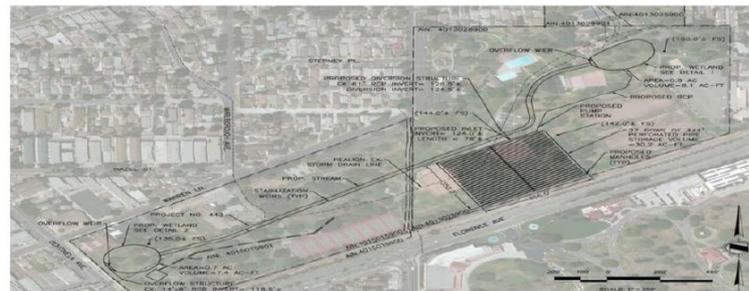


Next Steps

- Request: Technical Resources from the Safe Clean Water Program to develop the Project:
 - Application estimated request at \$500k
 - Update project concept, start design, feasibility study



Site Location				Watershed Characteristics		Retrofit Characteristics	
Site Location, City	Inglewood	Site Name	Edward Vincent Junior	Drainage Area Max/Alternative, ac	983/453	Proposed Retrofit	Biofiltration and Wetlands
Latitude	33° 58' 20.582" N	Longitude	118° 20' 09.14" W	Hydrologic Soil Group	Ramona Loam, Yolo Loam	Recommended BMP Footprint, ft ²	228,440
Landuse	Open Space	Street Address	700 Warren Lane	Soil Infiltration Rate, in/hr	0.30	Available BMP Volume, ac-ft	63
Major Watershed	Ballona Creek	Land Owner	City of Inglewood	Design Storm Event, in	85th Percentile, 24 hr	BMP Water Storage Depth, ft	10 or 11
Existing Land Use of Site:	Park			Recommended Active BMP Volume, ac-ft	45.7	Gravel Depth, ft	1
Budget-Level estimates for both soft and hard costs		\$44,891,000	Schedule	2 years design, 6 months bid, 6 years 3 months construction (8 ¼ years total)			



Rendered Figure 1: Cross Section at the creek



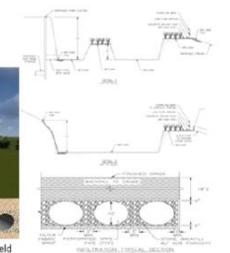
Rendered Figure 1: Cross Section at the baseball field



Drainage Map



Watershed and Vicinity



Thank You

Project Lead: City of Inglewood

Project Collaborators: City of Los Angeles
Los Angeles County



Lauren Amimoto

lamimoto@cityofinglewood.org

(310) 412-5192

Armando D'Angelo

adangelo@pw.lacounty.gov

(626) 458-4336

Brett Perry

brett.perry@lacity.org

(213) 847-3548

MACARTHUR LAKE REHABILITATION PROJECT



Gil Cedillo
LOS ANGELES CITY COUNCILMEMBER, 1st DISTRICT



CENTRAL SANTA MONICA BAY



Gilbert A. Cedillo,
Council Member, District 1

Enrique C. Zaldivar,
Executive Director, LASAN

Shahram Kharaghani,
Assistant General Manager, LASAN

Presented by:
Deborah Deets,
Landscape Architect II, FASLA QSP/QSD LASAN
(213) 485-3913

MacArthur Park Rehabilitation Project

Presentation: **Overview**

Context
Objectives
Constraints
Proposed Funding & Budget
Partners
Score / Benefits
Project Scope
Outreach
Schedule

Questions?

Context: Location

- Shawna & Stein, Eric & Bram, Danielle & Osuna, Joel & Monteferrante, Joseph & Longcore, Travis & Grossinger, Robin & Beller, Erin. *Historical Ecology of the Ballona Creek Watershed (2011)*

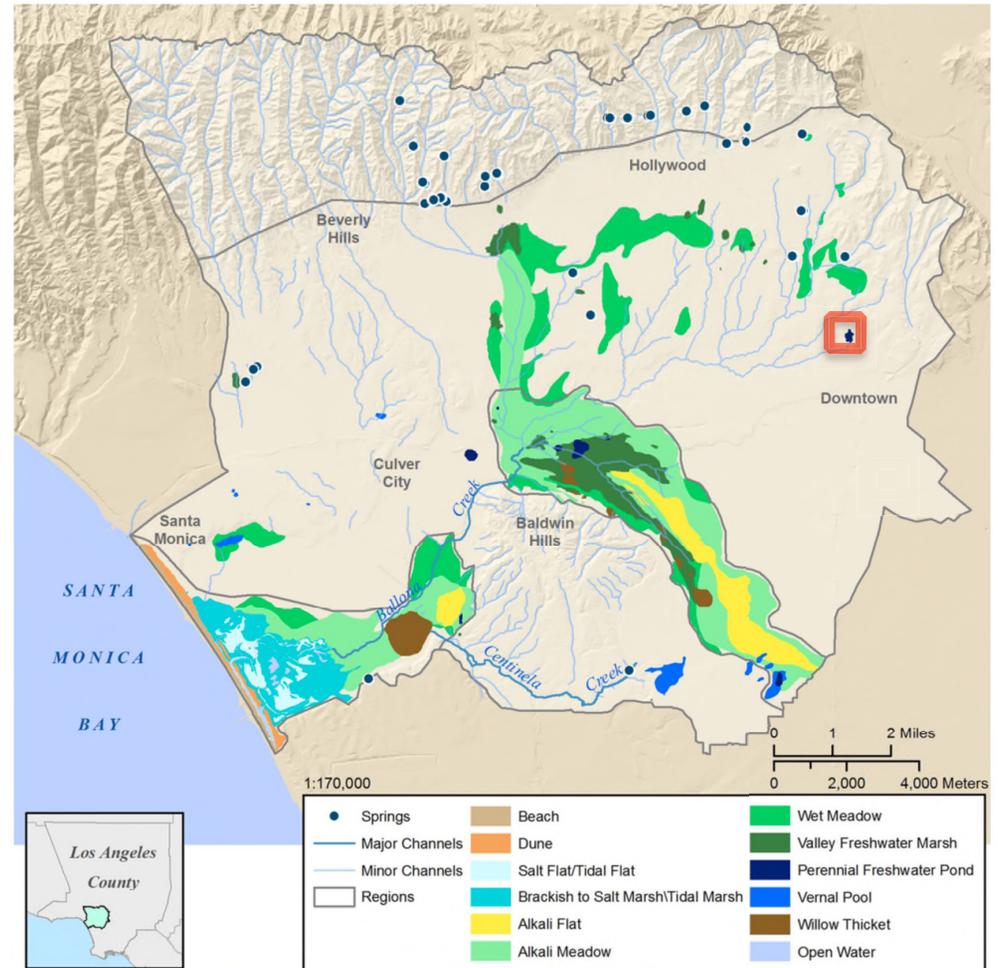
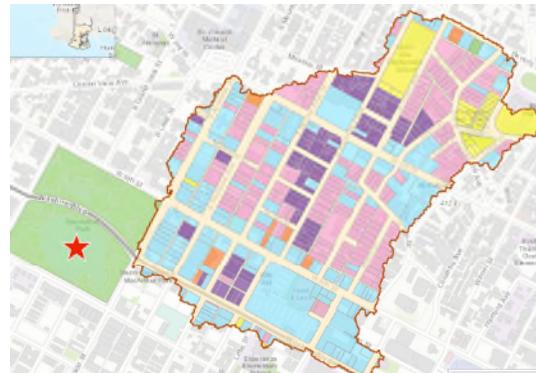


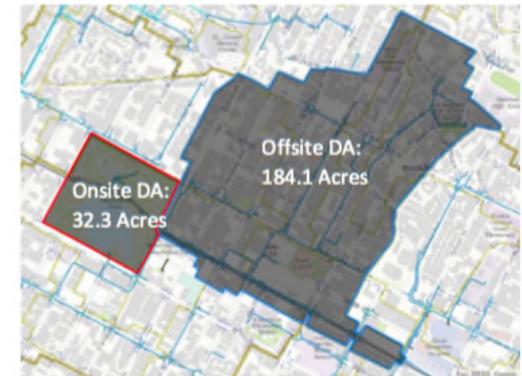
FIGURE ES-1: Distribution of wetlands and associated features within the Ballona Watershed (1850–1890).

Context: Tributary

- Central Santa Monica Bay / Ballona Creek EWMP region
- 184 Acres Offsite Drainage
- 32 Acres Onsite Drainage
- 5 AFY Flow Interception
- 130 AFY Captured for Reuse



Reasonable Assurance catchment #111049



a. Using "NavigatELA"



b. Using WMMS

Figure 10: Project Drainage Area Delineation

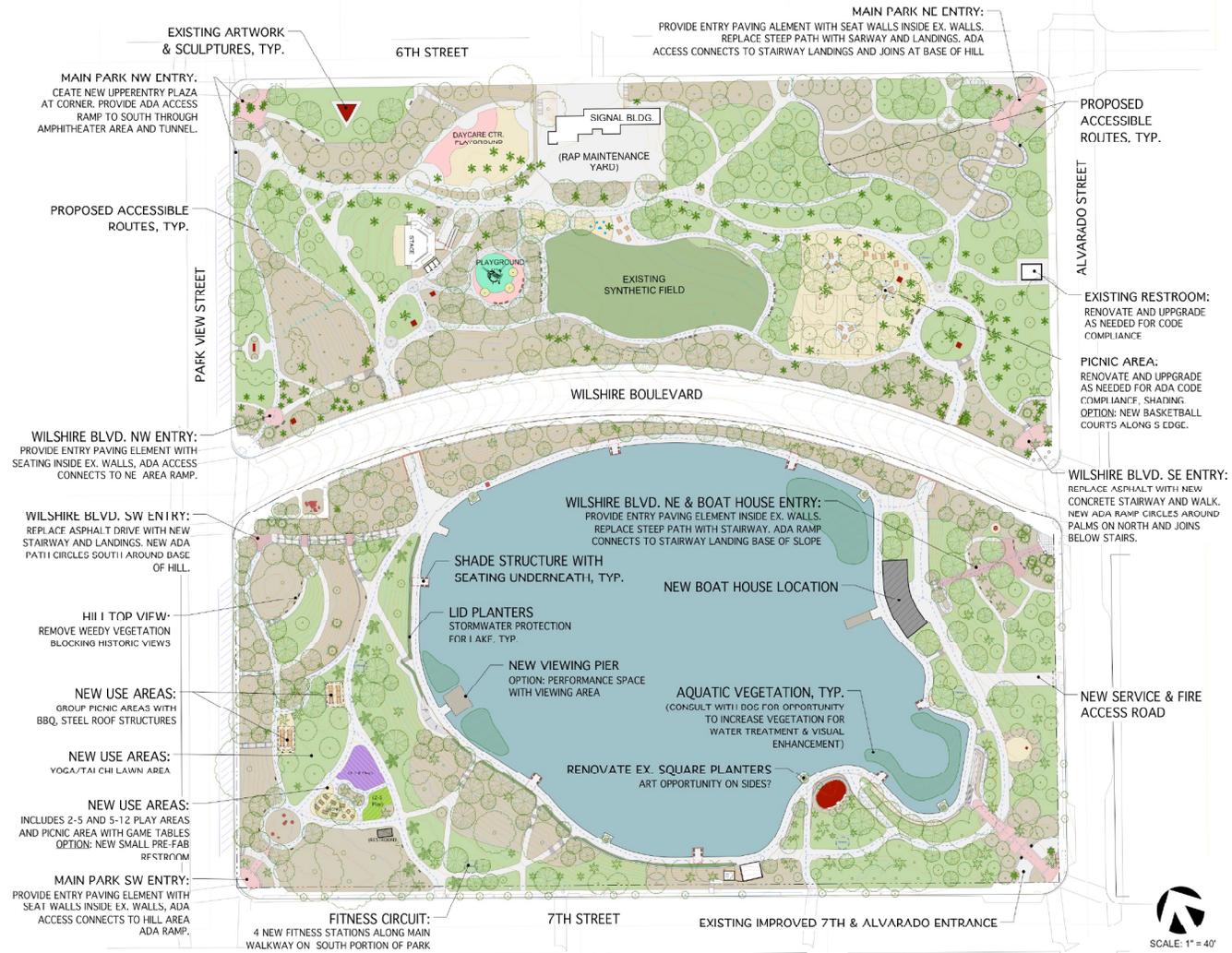
Objectives: Regulatory

- Central Santa Monica Bay
- Wet Weather objectives: Bacteria, Trash, DDT's & PCB's
- 2021 Final TMDL compliance milestone
- Potential \$13,687,500 fines per year
- More wet weather projects are needed

Multi-Benefits considered:

- Project removes 100% of all pollutants from its 216-acre tributary
- Project value to "Equity, Community, Environment"
- SCW value as Legacy Project

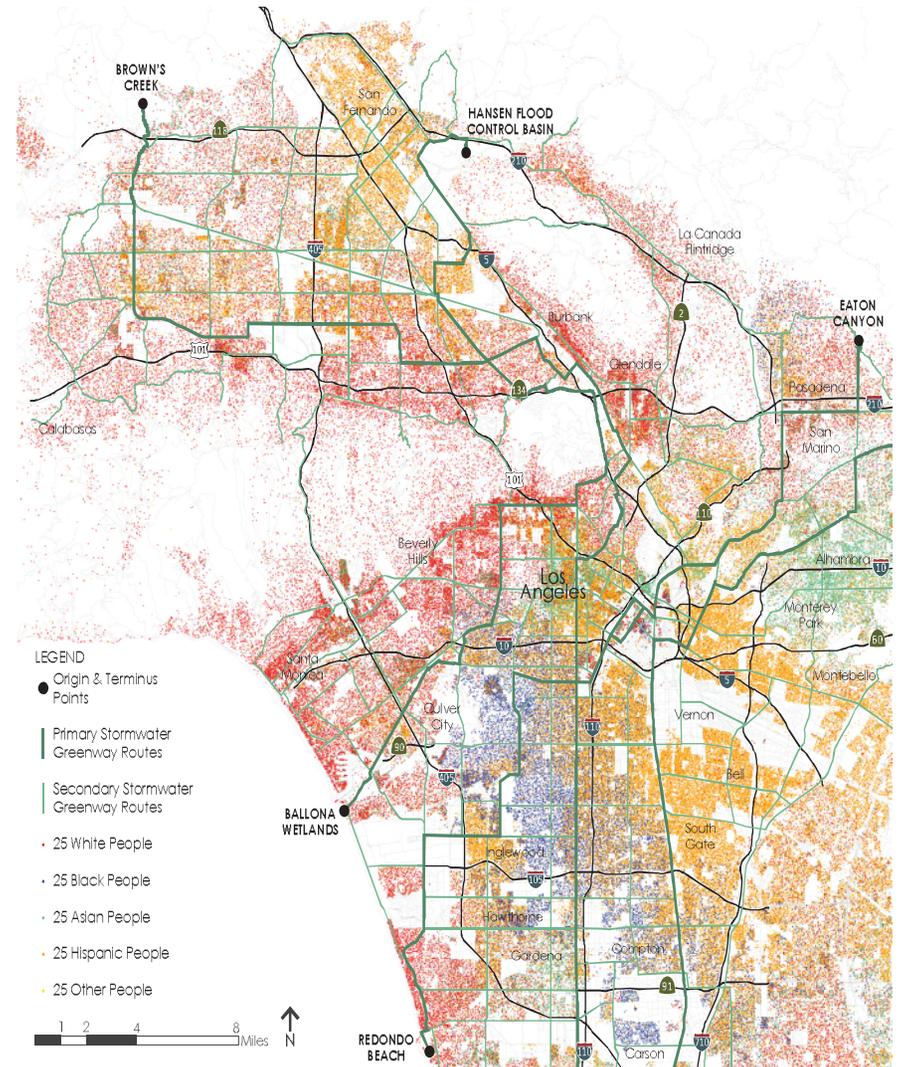
Objectives: Safe Clean Water for Master Planning



Considerations:

L.A. Parks, By Geographic Area	Overall Grades, By Park
Metropolitan Area	
Chevy Chase	B
El Sereno	B
Hollenbeck	B-
Lafayette	B-
Lemon Grove	B-
MacArthur	C-
Montecito Heights	B-
Patton Street	A-
Shatto	B+

L.A. Parks Report Summary, Page 3



Consideration: Local Color and Future

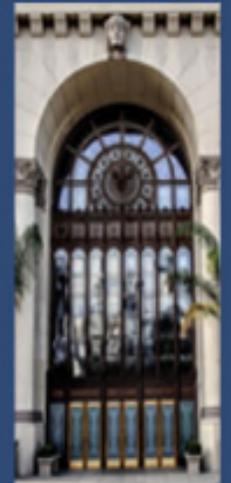
-2ND DENSEST NEIGHBORHOOD IN LA (Mapping LA)

-74% LATINO, WITH HEAVY CONCENTRATIONS OF MEXICAN AND SALVADOREAN-IDENTIFYING RESIDENTS. 67% FOREIGN BORN. (Mapping LA)

-POOR PARKSHED: WESTLAKE RATED AT 0.2 ACRES/ 1,000 RESIDENTS. THE TRUST FOR PUBLIC LAND NOTES L.A. AS HAVING 9.5 ACRES/ 1,000 RESIDENTS (RAP study)

-POOR INTERNET ACCESS, BELOW FCC STANDARDS (Curbed article on gentrification)

-31% OF PEOPLE LIVING IN POVERTY WITHIN 5 MILES OF PARK (RAP study)



Considerations:



Disadvantaged Community (DAC) Benefit

A Water Quality Benefit, Water Supply Benefit, and/or Community Investment Benefit located in a Disadvantaged Community or providing benefits directly to a Disadvantaged Community population.

Schedule Milestones:

Complete

RAP Master Plan
Technical Visioning
Engineering Feasibility

- September 2017
- January 2019
- August 2019

- Baseline Monitoring
 - Funding Agreement
 - Project Kickoff
 - Community/Stakeholder Partnering
 - Design/Engineering
 - Permits
 - Construction
 - Operations/Management/Maintenance
- Funding notification
 - May 2020
 - + 3 Weeks
 - + 8 Months
 - + 12 Months
 - + 8 Months
 - +18 Months
 - 20+ Year CIP

Outreach:



Pacific Tree Frog
Pseudacris regilla

Figure 4 - Charrette Agendas

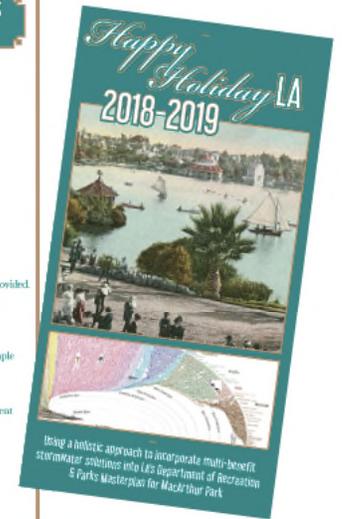
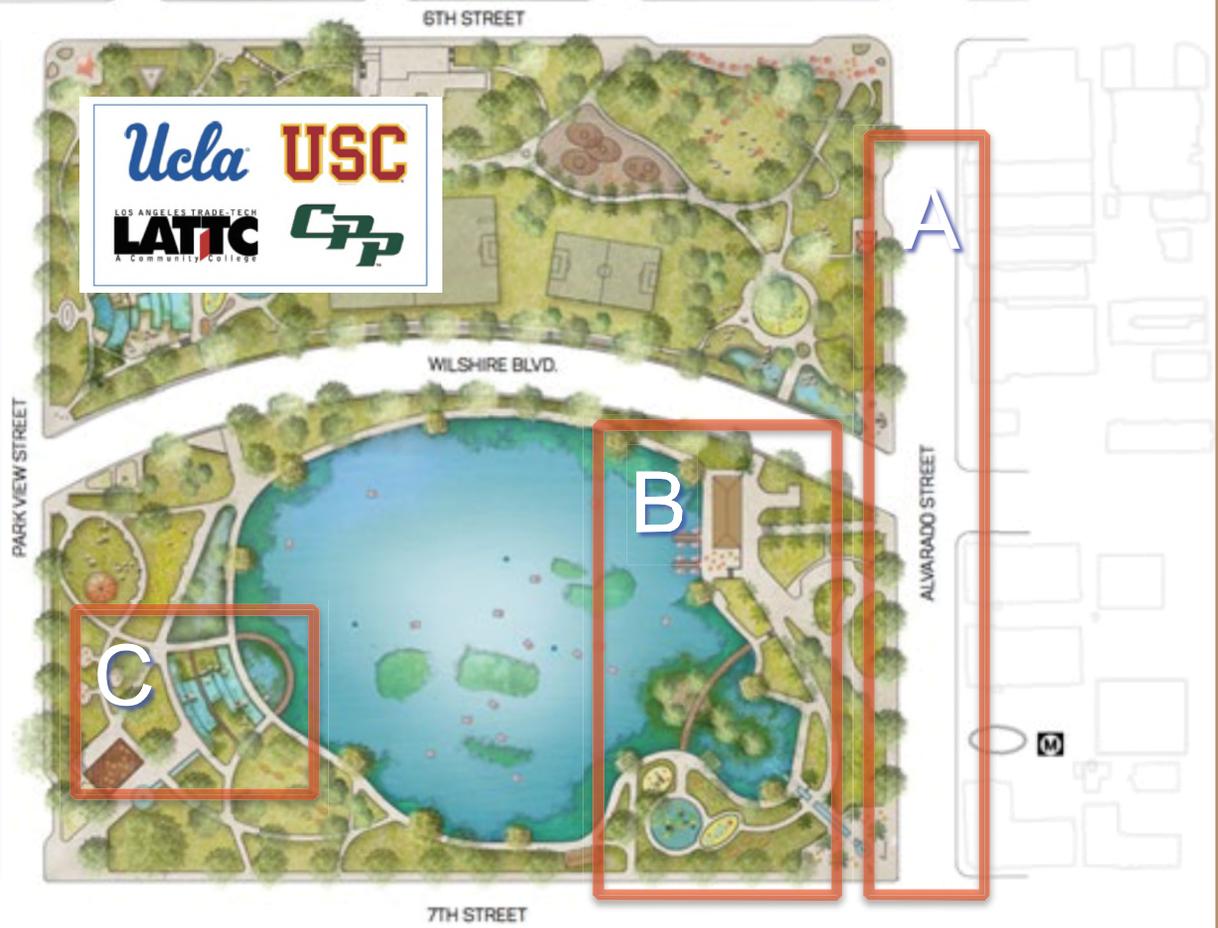
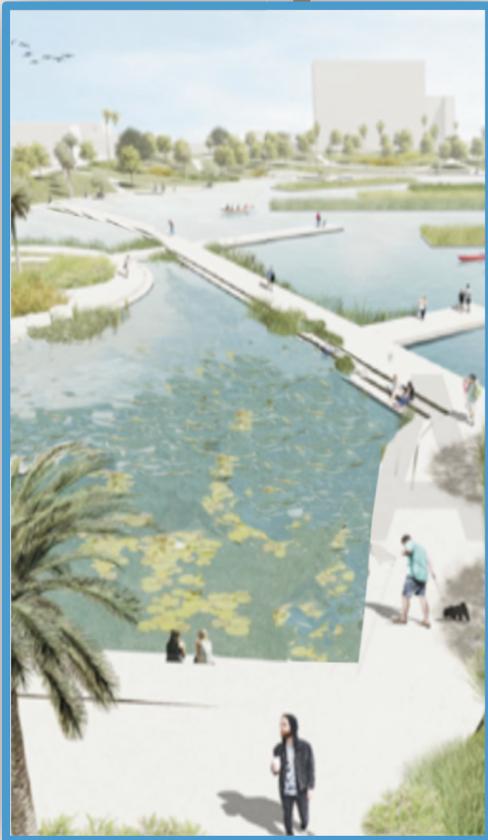
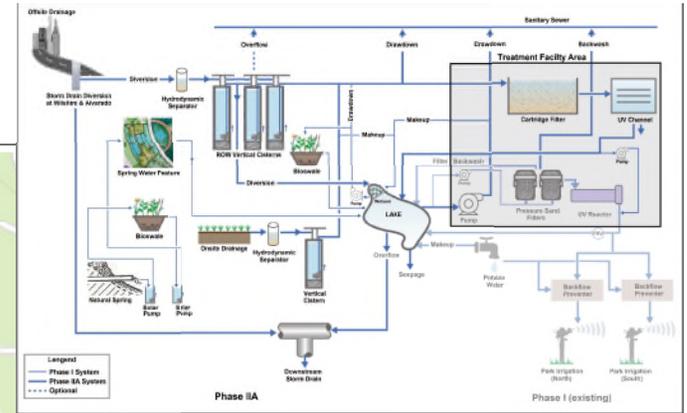
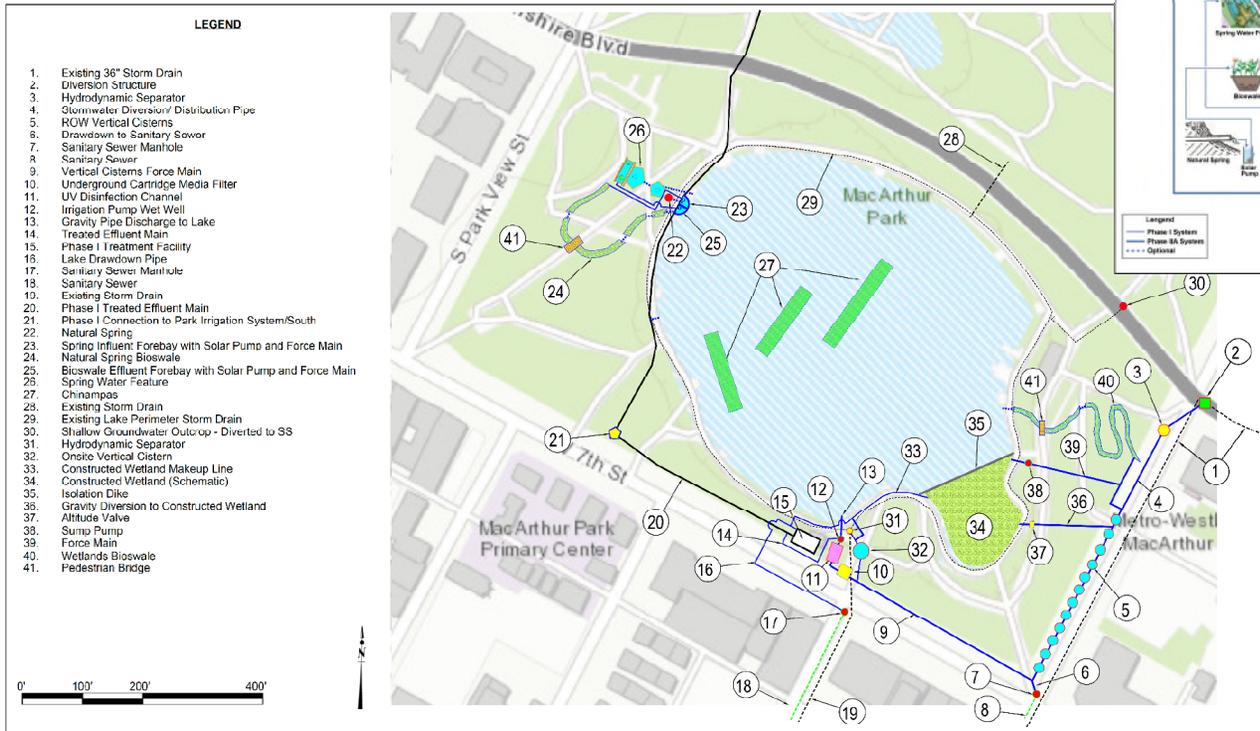


Figure 5 - Charrette participants during site walk.

A NEW NORMAL: CREATIVE APPROACHES TO WATER USE & REUSE IN MACARTHUR PARK

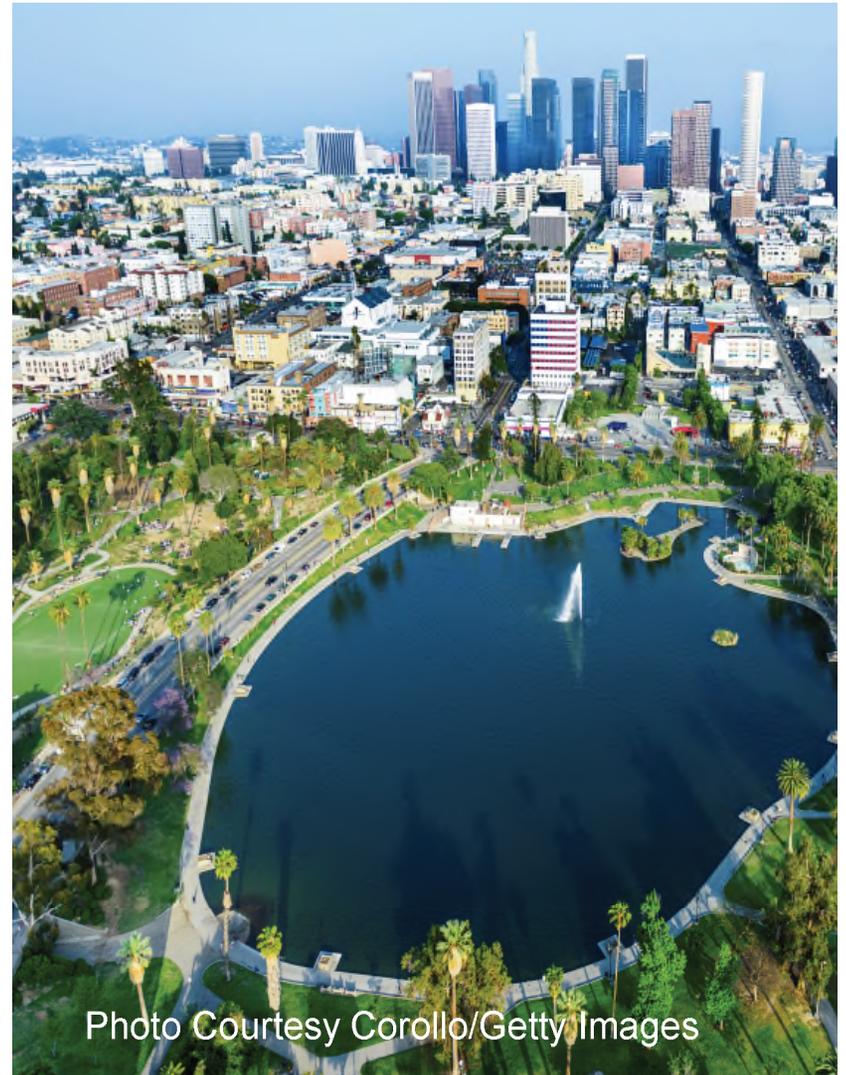
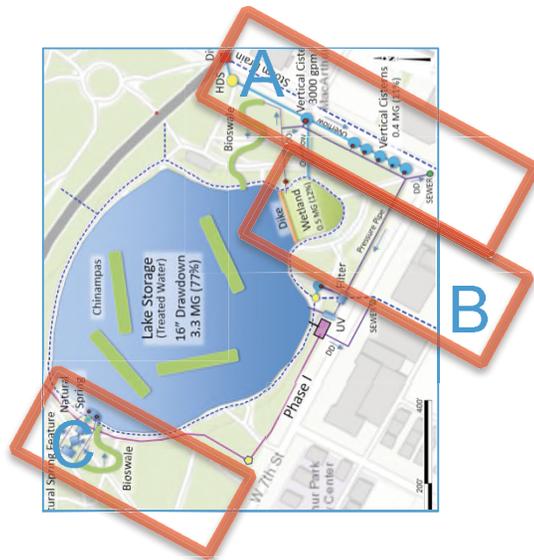


Engineering Feasibility Study



Project Scope: **Linked**

- **A** Wet Weather Capture System
- **B** Wetland Bio-filtration System
- **C** Resources



Budget: WASC 5-YR PLAN*

Annual WASC Funding Available: \$17.8M, SCW 5-year request \$20 M

Annual City Revenue Collected in Watershed Area: \$13.7M

*Proposed State funding

Project Match Source	Amount (47%)	SCW Y1	SCW Y2	SCW Y3	SCW Y4	SCW Y5	Annual O&M Cost
CRA Bonds	\$2,087,544	\$2,000,000	\$2,000,000	\$9,397,900	\$4,697,900	\$1,947,918	\$300,000
RAP Specific Plan	\$255,416						
CDBG	\$500,000 \$600,000 \$233,000						
LASAN Proposals	[\$6,000,000]						
TOTALS:	\$3,675,960 (\$6,000,000*)					\$20,043,718 (\$14,043,718)	

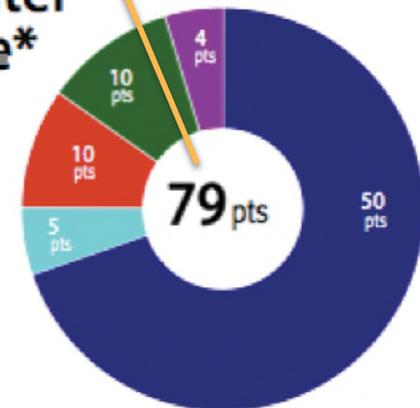
Project Scoring

A. Wet or Dry Water Quality (50 pts max)	50
B. Significant Water Supply Benefits (25 pts max)	5
C. Community Investment Benefits (10 pts max)	10 5
D. Nature-Based Solutions (15 pts max)	10
Leverage Funds/ Community Support (10 pts max)	4 0

Final Project Score

70

Safe, Clean Water Program Score*



Project Benefits

WET WEATHER WATER QUALITY BENEFITS



85th Percentile
Stormwater Capture,
216-acre Watershed

100% 

Contaminant Removal

SIGNIFICANT WATER SUPPLY BENEFITS



> 100% Park
Potable Water Use

OVER
12^{AF}

Storage

NATURE BASED SOLUTIONS

Habitat Restoration

Natural Spring,
Bioswales,
Treatment Wetlands,
Native Species

Recreational Opportunities



COMMUNITY BENEFITS

Enhanced Urban Greening



Educational Opportunities



COMMUNITY SUPPORT AND INPUT

MacArthur Park Charrette



Priority for Council Member Cedillo



LASAN / City Project Partners

- Los Angeles City Council District 1, Council Member Gilbert Cedillo
- Department of Recreation and Parks
- LA Trade Tech College; Cal Poly Pomona; UCLA/UNEX; USC
- Future Partnerships: LADWP / MTA / Neighborhood Council
- Los Angeles City College Local K-12 and other Universities
- Local Businesses
- Los California Conservation Corps (LA CCC)



Rainbow Trout



Bluegill



Largemouth Bass



Arroyo Chub

MACARTHUR LAKE REHABILITATION PROJECT

QUESTIONS?

DEBORAH DEETS, 213.485-3913



LASAN Charette Teams:

We thank Council District 1, Office of Councilmember Gil Cedillo and the City of Los Angeles Department of Recreation & Parks for their support through this charrette process geared towards the inclusion of stormwater in the master plan for MacArthur Park.



Gil Cedillo
LOS ANGELES CITY COUNCILMEMBER, 11th DISTRICT



University Team Partners:

AHBE
E7 Architecture Studio
Museum of Natural History
PUEDE Innovation Laboratory
SALT Landscape Architects
Sasaki Walker Associates
Skidmore, Owings & Merrill
Studio MLA

Schedule Milestones:

Project delivery window:
March 2024 to September 2026

Complete

RAP Master Plan
Technical Visioning
Engineering Feasibility

- September 2017
- January 2019
- August 2019

- Baseline Monitoring
 - Funding Agreement
 - Project Kickoff
 - Community/Stakeholder Partnering
 - Design/Engineering
 - Permits
 - Construction
 - Operations/Management/Maintenance
- funding notification
 - May 2020
 - + 3 Weeks
 - + 8 Months
 - + 12 Months
 - + 8 Months (min)
 - +18 Months
 - 20+ Year CIP

Task	Earliest Start Date	End Date
Funding Agreement	July 2020	Construction
PDR/ Outreach (9 mo)	Jul 2020	Mar 2021
Design / Engineering/ Permitting	Mar 2021	Sep 2022
If EIR	Mar 2021	Mar 2025
CEQA: (if EIR process) begins at PDR acceptance EIR = 3 years	Mar 2021	Mar 2025
Project Delivery: A.70% CD assessment and offramp if progressive; B&A + 4 months if standard	+ (0 - 24 month)	
Construction (+18 M) w/STD* w/EIR	Sep 2022 Mar 2025	Mar 2024 Sep 2026
*Existing Contract		



GILBERT A. CEDILLO

COUNCILMEMBER
FIRST DISTRICT

February 5, 2020

Watershed Area Steering Committee
County of Los Angeles Public Works
900 S Fremont Ave
Alhambra, CA 91803

Re: MacArthur Lake Rehabilitation Project

Esteemed Watershed Area Steering Committee:

I am writing in support of the proposal for the rehabilitation of MacArthur Lake in the City of Los Angeles. As the elected representative for the MacArthur Park area, I am committed to continue working with the Los Angeles Bureau of Sanitation, Department of Recreation and Parks, and the community at large, to ensure safe and clean water through a multi-benefit stormwater and urban runoff capture program.

I write to strongly encourage the Safe Clean Water Program to capture, infiltrate, treat and use storm water and dry-weather runoff, by supporting the rehabilitation of the lake at MacArthur Park. Such projects and programs can help achieve a more sustainable and equitable water future for all communities in Los Angeles. We are strongly committed to increasing local water supply to lessen the region's carbon footprint by reducing reliance on imported water and other energy-intensive water strategies. In addition, this project strives to reduce pollution and improve the health of waterways, habitat and beaches in the Los Angeles region.

The proposal is directly in line with the goals of the Safe Clean Water Program, and ensures the densest communities in the City of Los Angeles can benefit from the cleanup and modernization of a key piece of water infrastructure in the heart of the City.

If you have any additional questions, please do not hesitate to contact me at Gilbert.Cedillo@lacity.org or 213-473-7001

Sincerely,

Gilbert Cedillo
Councilmember, First District



Los Angeles Unified School District
Esperanza Elementary School
680 Little St.
Los Angeles, CA 90017
(213) 484-0326

Austin Beutner
Superintendent of Schools
Roberto A. Martinez
Superintendent, Local Districts Central
Brad Rumble
Principal
Lexus Lee, *Assistant Principal*
Sylvia Turner, *Assistant Principal-EIS*

February 3, 2020

TO: Hon. Sheila Kuehl, Chair, Los Angeles County Board of Supervisors
Hon. Janice Hahn, Chair Pro Tem, Los Angeles County Board of Supervisors
Hon. Hilda L. Solis, Supervisor, First District, Los Angeles County
Hon. Mark Ridley-Thomas, Supervisor, Second District, Los Angeles County
Hon. Kathrun Barger, Supervisor, Fifth District, Los Angeles County
Mark Pestrella, Director of Public Works, Los Angeles County

RE: Safe, Clean Water Program

Dear Los Angeles County Board of Supervisors,

Esperanza Elementary School, a neighborhood public school of more than 750 students in the Westlake neighborhood of central Los Angeles, is committed to working with the Los Angeles County Board of Supervisors to support the efforts of the Safe, Clean Water Program to achieve a more sustainable and equitable water future for all communities in Los Angeles County.

At Esperanza Elementary, we have demonstrated that even in one of the most densely populated neighborhoods of the city there are nature-based solutions which result in the capture of stormwater, the reduction of dry-weather runoff and the promotion of stewardship among students and families. Since 2015 we have removed nearly 10,000 square feet of asphalt and concrete on our campus and transformed these spaces into native habitat which informs biodiversity and improves outcomes for students. In fact, Esperanza Elementary is a Hotspot for Cornell University's eBird.org. Hard to believe, but 67 species of birds have been documented on campus, including Burrowing Owl, Common Poorwill, Willow Flycatcher, Brewer's Sparrow and Nashville Warbler. The campus also has a thriving population of the Marine Blue butterfly. Perhaps most importantly, the students do not have to board a bus to observe nature. It surrounds them on campus, and these areas where habitat restoration has taken place now serve as living laboratories for students.

Esperanza Elementary also can serve as an example of how placed-based education can occur on public lands in the neighborhood. MacArthur Park, less than a quarter mile west of our campus, has served as an outdoor classroom for our 3rd grade students who spent an entire school year observing the change in the population of two duck species through the seasons—the migratory Ring-necked Duck and the resident Mallard. We also participate regularly in Los Angeles Audubon Society activities at the park, and the data we collect is useful for ornithologists studying urban birds. Our participation includes the Christmas Bird Count, Bird LA Day and regular outings.

Improvements to MacArthur Park and the surrounding community do have a direct impact on the residents who live here. We appreciate your commitment to achieving a safe and clean water future for all residents, and we look forward to working with you on 21st Century creative solutions which will transform public spaces and further improve outcomes for children, families and biodiversity.

Sincerely,

Brad Rumble
Principal

**PUHC PUEDE CENTER
PICO UNION HOUSING CORPORATION**

TO:

Hon. Sheila Kuehl, Chair, Los Angeles County Board of Supervisors
Hon. Janice Hahn, Chair Pro Tem, Los Angeles County Board of Supervisors
Hon. Hilda L. Solis, Supervisor, First District, Los Angeles County
Hon. Mark Ridley-Thomas, Supervisor, Second District, Los Angeles County
Hon. Kathryn Barger, Supervisor, Fifth District, Los Angeles County
Mark Pestrella, Director of Public Works, Los Angeles County

RE: Safe, Clean Water - MacArthur Lake Rehabilitation Project

Dear Los Angeles County Board of Supervisors,

PUHC PUEDE CENTER is committed to working with the Los Angeles County Board of Supervisors to ensure safe and clean water for future generations through a multi-benefit storm water and urban runoff capture program to increase water supply, improve water quality, and investment in communities through our Green Alleys Project at PUEDE CENTER in Pico Union.

In alignment with PUHC PUEDE Center mission for economic development, we have embarked into an ambitious goal to transform our alleys into green public space for our community. It is an innovative solution with high end design, green construction and maintenance all made by our community. Our workshops use virtualization, laser cutting technology, community driven design, biomimicry and grass root engagement.

As part of this effort, we competed Nationally and were awarded an EPA Environmental Protection Social Justice Grant. Our project outcome promises to show a role model for the nation. Please let me share this quote: "We are pleased to support projects that educate residents about environmental health, collect data about local environmental conditions, and collaboratively address environmental justice challenges in local communities," said EPA Pacific Southwest Regional Administrator Mike Stoker.

The PUEDE Center's Green Alleys Project aims to expand its efforts to beautify the neighborhood by repurposing formerly garbage-filled alleys into vibrant, outdoor spaces through the construction of green infrastructure. The center will accomplish this objective through an integrated strategy of 1) hosting multi-lingual workshops and seminars and distributing informational materials that will boost awareness of the link between environmental, sustainable water strategies and public health, 2) educating the public of appropriate waste disposal methods 3) **facilitate resurfacing pavements with pervious material to facilitate the sustainable management of storm water** and 4) providing training in how to construct, grow and maintain vertical trellis gardens consisting of both drought resistant, pollution absorbing plants and produce 5) decorating the refurbished alleys with informative and aesthetically pleasing educational murals about water, so as to create sustainable green spaces that the community can enjoy in an otherwise urban sprawl. In addition to the short-term outcome of clean, green alleys, this project will beget an overall improvement in public health in the long run. The community gardens will help mitigate the carcinogenic effects of air pollution, decrease urban run-off, recharge groundwater and help improve water quality in the Los Angeles River Watershed, and promote spending more time active outdoors, which would curb cancer, obesity and diabetes rates. Our hope is that the Green Alley will ultimately induce a positive feedback loop where residents have a beautiful green space that they can be proud of and want to preserve for future generations.

Here is link to a DRAFT presentation for your review.

https://drive.google.com/file/d/1j5_xm_w9WtTj0TwJt2s1zoD1eXEs77Av/view?usp=sharing

As an environmental justice nonprofit, we especially appreciate your effort of the County of Los Angeles' strong commitment to achieving a safe and clean water future for all residents. We stand ready to work with you the Safe, Clean Water Program and empower our communities through new models of engagement. In addition, our organization is collaborating with UCLA Landscape Program, LA Sanitation, Councilmember Cedillo and LATTC Architecture Program. We are also working very close with all the LAUSD Architecture/Engineering Program. This network with your support has the potential to impact our communities with solutions that will sustain.

We look forward to hear from you.

Sincerely

Marcela Oliva, Architecture Professor
PUHC PUEDE Center Innovation Laboratory, Director
310 994 1185