

Meeting Minutes:

Tuesday, February 25, 2020 9:00am-11:00am Burns Community Center, 2nd floor 5510 Clark Ave. Lakewood, CA

Attendees:

<u>Committee Members Present:</u> Julian Juarez (LA County Flood Control District) Lyndsey Bloxom* (Water Replenishment District) Meredith Reynolds (City of Long Beach) Kristen Ruffell (Sanitation Districts) Dan Knapp (Conservation Corps of Long Beach) Adam Galia (Resident) Joseph Gonzalez* (Rivers Mountains Conservancy)

Mike O'Grady (Cerritos) Delfino Consunji (Downey) Lisa Ann Rapp (Lakewood) Melissa You (Long Beach) Noe Negrete (Santa Fe Springs) Vicki Smith (Whittier)

<u>Committee Members Not Present:</u> Michelle Yanez (San Gabriel Valley Economic Partnership) Glen Kau (Norwalk)

Marissa Christiansen (Friends of the LA River) Kevin Wattier (Central Basin)

*Committee Member Alternate

See attached sign-in sheet for full list of attendees

1. Welcome and Introductions

Ms. Rapp, the Chair of the Lower San Gabriel River WASC, called the meeting to order.

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

2. Public Comment Period

Mr. Rich Watson recommended that once the SIP is approved, the Safe, Clean Water Program initiate discussions about bond measures in order to fund more projects upfront. Comment card was collected by District Staff.

3. Approval of Meeting Minutes from February 11, 2020

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

The Committee voted to approve the meeting minutes from February 11, 2020 (12 approved, 1 abstention)

4. Committee Member and District Updates

Ms. Kevin Kim (District) provided a summary of the scoring progress so far by the Scoring Committee (SC), adoption of the General Income Based Tax Reduction Program, and informed the committee of the Meeting of Chairs/Vice Chairs on Thursday. February 27, 2020.

5. Discussion Items:

a) Presentations:

i) Infrastructure Program

(1) Bellflower Simms park Stormwater Capture Project

Presentation by Richard Watson and Oliver Galang. The proposed project consists of a regional multi-benefit stormwater capture facility beneath the sports fields of Simms Park and capturing storm and urban runoff from the adjacent storm drain on Clark Ave. The project was identified for implementation in the Los Cerritos Channel Watershed Management Program.

Ms. Bloxom asked if this is a diversion project or infiltration project. Mr. Galang stated that the system is designed to both divert and infiltrate flows. The Geotechnical analysis will be starting shortly, and the infiltration rates will be confirmed. The borings will likely go to a depth of 50 feet.

The committee discussed project components. Mr. Galang stated that a landscape architect will evaluate healthy trees and remove and replace unhealthy trees. The parking stalls will be replaced with permeable pavement. The pavement and bioswales would address surface runoff only and excess runoff would be diverted. Landscaping will continue to be watered by recycled water.

The committee discussed regional coordination. The tributary area for this project only includes the City of Bellflower but will help bring the other cities in the region into compliance. The project does not capture the 85th percentile but were selected and designed based on achieving the greatest return and optimizing performance. The committee requested a map overlaying the tributary area for each project in the region. Mr. O'grady noted the distinction between the Lower San Gabriel Watershed, Los Cerritos Watershed, and Nearshore Watershed and the importance of distributing projects among all watersheds.

Mr. Juarez asked if the applicants will be applying from Proposition 1, Round 2 funding. Mr. Galang stated that they are hoping to receive funding and if received would reduce the SCW funding request.

(2) Adventure Park Multi-Benefit Stormwater Capture Project (County of Los Angeles)

Presentation by Iwen Tseng. The proposed project, located in the unincorporated County of Whitter, will improve water quality, incorporate LID feature and install education signage and new fitness equipment to promote healthy lifestyle.

Ms. Rapp asked if the applicant considered water treatment and reuse for irrigation. Ms. Tseng stated that treating and diverting to the sanitary sewer was determined to be the most cost effective. Ms. Bloxom asked if they considered infiltration. Ms. Tseng stated that the geotechnical analysis determine infiltration would not be feasible.

Mr. Galia asked about community outreach. Ms. Tseng stated that they have engaged with Supervisorial District 4 and that LA County Parks & Recreation has held several meetings to gain community input. During construction, the community can utilize nearby schools. Mr. Galia recommended reaching out to the independent school districts as well.

The committee discussed that the project is part of the Upper San Gabriel River EWMP but is geographically tributary to the Lower San Gabriel River. For the Safe, Clean Water Program, the applicant is only requesting funding from the LSGR WASC.

Mr. Consunji asked if funding for Operation & Maintenance would be requested. Ms. Tseng stated that they are only requesting funding for design and construction.

ii) Technical Resources Program

None

iii) Scientific Studies

None

- iv) Other Presentations
 - (1) Feasibility of Construction Projects on landfill sites Presentation by Tetratech

Tetratech stated that there is limited information available regarding the Cerritos Sports Complex. The first steps would be to conduct a Phase 1 site assessment, then a nonintrusive subsurface study to confirm the depth of the landfill. They would also investigate potential contaminants of concern and groundwater levels. Additional studies are estimated at approximately \$50,000. If the project is not feasible at the current location, they may possible to shift the project north onto LA County Parks & Recreation property.

The project team also noted that the project is proposed as a reclamation, and not infiltration. Water would be diverted to the Sanitation District, reclaimed water line, or used for onsite irrigation.

The committee discussed referring the project to the Technical Resources Program or approving only planning and design. After reviewing the implementation ordinance, the District confirmed that Projects that meet the threshold score cannot be included in the TRP by the WASC and that projects should be recommended to receive funding for their total estimated costs, unless a lesser amount has been requested.

b) Discussion for Stormwater Investment Plan Development Process

i) Disadvantage Communities benefit

Mr. Kim clarified that If the WASC confirms that a project provides DAC benefits and the project is included in the SIP, the full funding amount will be used toward the DAC criteria calculation. The District will provide a summary of DAC benefits at the next meeting.



ii) Infrastructure Program, Technical Resources Program, and Scientific Studies Program project selection process

Mr. Kim stated that the District recommends the WASCs allocate up to 80% of the estimated Regional Program Funds to account for tax reductions and appeals. For the subsequent 4 years, the District recommends the WASCs allocate up to 50% of the estimated Regional Program Funds. Any unused funds will roll over to the following Fiscal Year. Ms. Melanie Morita (District) provided a preview of the SIP planning tool to assist in developing the SIP.

iii) Voting options and process

The District solicited recommendations on how the committee would like to select projects.

Ms. Ruffell suggested the committee (1) vote on the targeted percent allocation for each year. (2) vote on the Scientific Study, then (3) rank all Infrastructure Program Projects.

Mr. Consunji stated that he would like to develop a weighting rating system based on watershed priorities, so all committee members are evaluating projects consistently. Ms. Rapp asked the committee to email suggested evaluation criteria to discuss at the next meeting.

6. Voting Items:

None.

7. Items for next agenda

The District recommends the following items for the next agenda:

- i) Further discussion on project selection and voting process
- ii) Stormwater Investment Plan discussion and development

Ms. Rapp solicited additional recommendations from the committee for the next agenda.

The committee would like to discuss Watershed Area priorities and evaluation criteria at the beginning of the next meeting.

The next meeting was extended to 11:30am.

8. Adjournment

Ms. Rapp thanked the committee members and public for their time and participation and adjourned the meeting.

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



Member Name	Municipality/ Organization	Email Address		Signature
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Marissa Christiansen	Friends of the LA River	marissa@folar.org	Р	
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Lower San Gabriel River Watershed Area Steering Committee Meeting COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address		Signature
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Lower San Gabriel River Watershed Area Steering Committee Meeting PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address	
Richard	vuatsm	RWA /Lecus Grom	rwatson & two planning.	, Curs
JORI	KLUG	STANTEC	TORI.KLUB @ STANTEC. COM	
1=lisha	Back	Woodard ECurran	EBOICK @ Woodarden	rranco
Veronica	Scyde	WSP	Veronica. Souple @ wsp.	tem
ALEXIS	BAHAN	Tetra Tech	alexis, babon & tetrated	icon
alver	GALANG	1/2+ FTWHTER FUE	diver and work patty water	incom
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Ruby What	Wahg	LACPW - County	rwanga pw. laco unty.gov	
I wen Tar	Tseno	È	itsengapy, lacounts.gov	
Robert formez		LACFED	vjgomec Opu. lacounto.	Car
John Hunta	thurk	JZHA	JHUNLE @ FULLA, MA	

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

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



First Name	Last Name	Municipality/Organization	Email Address
Fred	Gonzalez	LACFED	A Gonzal a differentary.gon

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

	Public Comment Form						
Name:	Ric	hard watson	Organiza	tion: LCC Waterhad avays			
Email:	fw	etson @ Twaplanning.com	Phone:	949-394-8495			
Meeting	:	SGIR WASL	Date: _	25 Feb 2020			

LA County Public Works may contact me for clarification about my comments

Comments I recommend that after this ypars Stormwater Investment Plan is complet -e-E the wasc discuss the possibility of requesting the Flood Control District to issue a bend WASC to be all approve Mor Clean write yean. of MM en rems & Lower Son Gabriel watushed ad · 130 the Los Cerútos Chennel four a 2024 nal deadline ine TMDLs 5*6*1< WaterCusto IF r m MOR ut with W Here cons repare Comments can be mailed to: ATTN: Safe, Clean Water Program To review the guidance documents LA County Public Works and for more information, visit

www.SafeCleanWaterLA.org

P.O. Box 1460 Alhambra, CA 91802-1460



LOWER SAN GABRIEL RIVER WATERSHED AREA STEERING COMMITTEE SAFE, CLEAN WATER PROGRAM INFORMATION

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DESCRIPTION	DATA/INFORMATION
PROJECT NAME	Bellflower Simms Park Stormwater Capture Project
PROJECT LEAD	City of Bellflower Los Cerritos Channel Watershed Group
PRESENTERS	Oliver Galang , Craftwater Engineering Project Manager Richard Watson , Consultant to the Los Cerritos Channel Watershed
TOTAL FUNDING REQUEST	 TOTAL PROJECT COST: \$17.2 Million Planning, Design, Construction Mgt: \$2 Million Construction: \$15.2 Million





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REGIONAL WATER MANAGEMENT PROGRAM Los Cerritos Channel Watershed

Los Cerritos Channel Watershed is a **17,711**acre self-contained watershed

Highest **priority pollutants** include metals, with zinc as the limiting pollutant, and bacteria

Los Cerritos Watershed Management Plan, approved on 04/28/15

The watershed has **10 sub-basins** that influence the plan and monitoring locations

The **compliance strategy** emphasizes source control, runoff reduction, TSS Reduction, and Stormwater Capture















SIMMS PARK STORMWATER CAPTURE PROJECT Schedule and 5 Year Look Ahead							
TASK NAME	Start	Finish					
PHASE 1. PERMITTING & APPROVALS	September 2020	September 2021					
PHASE 2. CONSTRUCTION DRAWINGS PHASE 3. CONSTRUCTION	September 2020 January 2022	September 2021 September 2023					
OPERATION AND MAINTENANCE	October 2023	June 2025+					

SIMMS PARK STORMWATER CAPTURE PROJECT Expenditure Projections of SCW Program Funds

YEAR	FISCAL YEAR	SCW FUNDS	DESCRIPTION
1	FY 20-21	\$ 1,739,286	Planning and Design
2	FY 21-22	\$ 2,739,849	Design, Permitting, Construction Bid, and mobilization
3	FY 22-23	\$ 6,325,000	Construction
4	FY 23-24	\$ 6,422,017	Construction
5	FY 24-25	\$ 100,000	Operation and Maintenance
-		+ _00,000	

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SIMMS PARK STORMWATER CAPTURE PROJECT WATER QUALITY AND WATER SUPPLY BENEFITS



Subsurface Storage: 10.8 AF

24-Hour Treatment: 26.35 AF

Primary Pollutant: Zinc (77%)

Secondary Pollutant: E. Coli (73%)

15

16

15

SIMMS PARK STORMWATER CAPTURE PROJECT COMMUNITY INVESTMENT and NATURE-BASED SOLUTIONS



Improved flood management with diversion and storage structure

Enhancement of park with parking lot improvements and native landscaping

Enhanced recreation opportunities with enhanced sports field

Reduced heat island effect with additional trees

	69 John S. Simms Park. 16614 South Clark Ave. Bell	flower, CA	51 90706	liee
Section	Scoring Standards	PRC	JECT SCORE	COMMENT
A.1 Wet Weather	The project provides water quality benefits	Data	Score	
Water Quality Benefits -OR-	A.1.1: For Wet Weather BMPs Only: Water Quality Cost Effectiveness Cost Effectiveness) = (24-hour BMP Capacity) / (Life-Cycle Cost in \$Millions) - 0.4.4.7 (5-Million) = 0 points - 0.4 - 0.6 (AF / 5-Million) = 1 points - 0.6 - 0.8 (AF / S-Million) = 14 points - 0.8 - 1.0 (AF / S-Million) = 14 points - 1.0 (AF / S-Million) = 20 points 1. Management of the 24-hour event is considered the maximum capacity of a Project for a 24-hour period. For water quality focused Projects, this would typically be the 85th percentile design storm capacity. Units are in acre-feet (AF)	1.89	20	24-Hour BMP Capacity/Life-Cycle Cost \$M
	A.1.2: For Wet Weather BMPs Only: Water Quality Benefit - Quantify the pollutant reduction (i.e. concentration, load, exceedance day, etc.) for a class of pollutants using a similar analysis as the E/WMP which uses the Districts Watershed Management Modeling System (WMMS). The analysis should be an average percent reduction comparing influent and effluent for the class of pollutant over a ten-year period showing the impact of the Project. Modeling should include the latest performance data to reflect the efficiency of the BMP	77%	15	Primary Pollutant modeled is Metals (Lead, Copper, Zinc) with estimated reduction. Zinc reduction is shown based on the SCW Module Run
	type. Primary Class of Pollutants - <50% = 15 points -> 80% = 20 points (20 points max) Second or More Classes of Pollutants - <50% = 5 points	76%	5	Secondary Pollutant modeled for bacteria load reduction based on scw Module input

	Safe, Clean Water Scor Preliminary Score Scori 69	ng C	Reviev Commi 51	v ttee
Section	John S. Simms Park. 16614 South Clark Ave. Bell Scoring Standards	flower, CA PRC	90706 DJECT SCORE	COMMENT
B. Significant Water	The project provides water supply benefits			
	 B1. Water Supply Cost Effectiveness. The total life-cycle cost per unit of acre foot of stormwater and/or urban runoff volume captured for water supply is: >\$2,500 / ac-ft = 0 points \$2,000 - \$2,500 / ac-ft = 5 points \$1,000 - \$2,500 / ac-ft = 6 points \$1,000 / ac-ft = 13 points <1000 / ac-ft = 13 points <1000 / ac-ft = 13 points 2. Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total Life O&M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans. 	-	0	Water Supply Benefits limited
	B2. Water Supply Benefit Magnitude. The yearly additional water supply volume resulting from the project is: - <25 sic.ft / year = 0 points - 25 - 100 ac-ft / year = 2 points - 100 - 200 ac-ft / year = 5 points - 200 - 300 ac-ft / year = 9 points - 200 - 300 ac-ft / year = 9 points	25	0	Water Supply Benefits less than 25 AF

	69		51	illee
	John S. Simms Park. 16614 South Clark Ave. Bell	flower, CA	90706	
Section	Scoring Standards	PRO	DJECT SCORE	COMMENT
D. Nature-Based	The project implements Nature-Based Solutions			
Solutions	DD1. Project: Implements natural processes or mimics natural processes to slow, detain, capture, and absorb/infiltrate water in a manner that protects, enhances and/or restores habitat, green space and/or usable open space = 5 points Utilizes natural materials such as soils and vegetation with a preference for native vegetation = 5 points Removes Impermeable Area from Project (1 point per 20% paved area removed) = 5 points	5	12	 LID with bioswales and native landscoping implements natural processes Natural materials for parking lot enhancements Permeable pavement parking stalls provides 40% removal of impervious parking lot areas
D. Leveraging	The project achieves one or more of the following:			
Funds and Community Support	E1. Cost-Share. Additional Funding has been awarded for the project. - > 25% Funding Matched = 3 points - > 50% Funding Matched = 6 points	0%	0	Potential matching funds for park enhancements for Simms Park, awaiting decision
	E2. The project demonstrates strong local, community-based support and/or has been developed as part of a partnership with local NGOs/CBOs.	YES	4	Community Support letter from the Little



2/24/2020



ADVENTURE PARK MULTI-BENEFIT STORMWATER CAPTURE PROJECT

Iwen Tseng



Adventure Park Multi-Benefit Stormwater Capture Project



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Adventure Park Multi-Benefit Stormwater Capture Project



Adventure Park Multi-Benefit Stormwater Capture Project







Adventure Park Multi-Benefit Stormwater Capture Project								
Preliminary Cost E	Preliminary Cost Estimate and Schedule: Funding Request:							
Phase	Cost	Completion	Request	FY				
Design	\$ 2,500,000	Mid-Late 2020	\$ 2 M	2020-21				
Construction	\$ 26,000,000	Mid 2022	\$5.5 M	2021-22				
construction	\$ 20,000,000		\$ 6 M	2022-23				
Total Project Cost Estimate\$ 28,500,000\$ 13.5 M								
• Matchir	• Matching Funds: \$15 M (52.6%)							

Adventure Park Multi-Benefit Stormwater Capture Project

