

Safe, Clean Water Program

South Santa Monica Bay

Watershed Area Steering Committee (WASC)



Meeting Minutes:

Wednesday, February 17, 2021

1:00pm - 3:00pm

WebEx Meeting

Attendees:Committee Members Present:

Cung Nguyen (LACFCD)
E.J. Caldwell (West Basin)
Lyndsey Bloxom* (Water Replenishment District)
Kristen Ruffell (Sanitation Districts)
Darryl Ford* (Los Angeles Rec & Park)
Craig Cadwallader (Surfrider)
Guang Yu Wang (SMB Restoration Commission)
Hany Fangary (Fangary Law Group)

Wendy Butts (LA Conservation Corps)
Julio Gonzalez (Carson)
Susie Santilena (Los Angeles)
TJ Moon (LA County Public Works)
John Dettle (Torrance)
Shawn Igoe* (EWMP: Beach Cities)
Heecheol Kwon (EWMP: Dominguez)
Ken Rukavina (EWMP: Peninsula)

Committee Members Not Present:

None*Committee Member Alternate

See attached sign-in sheet for full list of attendees.

1. Welcome and Introductions

Kristen Ruffell, Chair of the South Santa Monica Bay WASC, welcomed Committee Members and called the meeting to order.

The District gave a tutorial on WebEx and facilitated the roll call of Committee Members. All Committee Members made self-introductions and a quorum was established.

2. Approval of Meeting Minutes from February 3, 2021

The District provided a copy of the meeting minutes from the previous meeting. Kristen Ruffell asked the WASC for comments or revisions.

Craig Cadwallader made a motion to approve the meeting minutes. Susie Santilena seconded the motion. The WASC voted to approve the meeting minutes. (14 Approved and 2 Abstained, see Vote Tracker sheet).

3. Committee Member and District Updates

Kirk Allen (District) provided the District update, noting:

- Most Municipalities have returned their Transfer Agreements (TA) and over half have been cleared to receive their annual payment. Annual Plans are available for viewing on the SCWP website under Municipality.
- Regional Transfer Agreements received are being reviewed and processed. Cities that have not return their executed TAs, have been requested to provide these as soon as possible.
- Second Annual Plans are due in April 2021.

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- District is developing an interactive web-based Stormwater Investment Plan planning tool that will be introduced in early March 2021. The goal is to have the Stormwater Investment Plans (SIP) reviewed by early May 2021, recommended SIPs to go to the Regional Oversight Committee for review, and then to the Board of Supervisors by June 2021 for approval.
 - Watershed Coordinators (WC) are in the process of submitting Letters of Intent, insurance requirements, and executing contract agreements.
 - Round 3 deadline for projects is July 31, 2021.
 - Tax relief options are available, for Low-Income Senior-Owned (LISO) properties and General Income-Based Tax Reductions (GIBTR), and due May 1, 2021.

Lyndsey Bloxom asked how the WASC's would be notified when funds are distributed to applicants. The District indicated that quarterly reports will be available on the SCW Program online portal when it goes live in April. Kristen Ruffell inquired about reviewing the Scopes of Work for projects that request TRP funding. The District suggested to add to the next agenda discussion on the formation of a subcommittee for the purpose of reviewing the scopes for TRP projects.

4. Public Comment Period

Kathleen McGowan asked if the second round of Annual Plans should use the same structure as the first. The District indicated that they should use the same method as the first round of Annual Plans.

5. Discussion Items:

a) Ex Parte Communication Disclosures

Kristen Ruffell had discussions with the project proponents of the Alondra Park project regarding design elements and future issues.

Susie Santilena works for the City of LA and has been briefed on the Wilmington Neighborhood Greening Project.

b) Presentations for Infrastructure Program (SSMB Scoring Rubric)

i) Stormwater Basin Expansion Project – City of Torrance. Presented by John Dettle.

Craig Cadwallader inquired about any discussions with West Basin regarding recycled water use. John Dettle replied they have confirmed pumping locations with West Basin, but otherwise have had limited conversations.

Darryl Ford inquired about access to the Henrietta Basin. John Dettle replied that tours of the basin, guided by docents, can be scheduled. Also, there is public access on the third Saturday of every month.

Susie Santilena asked if the wetlands from the first phase of the Project would be impacted by the second phase and if there is any information on potential potable water offset. John Dettle replied that they are currently saving potable water and there are no numbers regarding how much potable water would be saved during the second phase.

ii) Torrance Airport Storm Water Basin Project, Phase 2 Construction – City of Torrance. Presented by Wilson Mendoza.

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Kristen Ruffell asked how they were able to model diversion to the sanitary sewer without knowing if the sewer can intake the flow. Wilson Mendoza replied that a consultant is monitoring all water flows going in and out of 7 City of Torrance flow stations. The City of Torrance is looking to do more analysis regarding the flow of water to the treatment plant. Kristen Ruffell asked if the Harbor City Project would be willing to accept the flows of this project since they will incur a charge. The City of Torrance has had discussions with Los Angeles County Flood Control District (LACFCD) and is considering the option of coordinating with the Harbor City Project.

Cung Nguyen asked about the timeline of the permit for the diversion structure and the contact person at LACFCD. John Dettle replied that they spoke with TJ Moon and Peninsula Cities EWMP regarding this Project. The City of Torrance will be working with Sanitation Districts and LACFCD during the final design phase and they have a permit number.

Kristen Ruffell asked a question regarding the low construction costs estimated and where the full funding of the Project will come from. John Dettle replied that construction costs were scaled back based on the size of the Project but there will be a better estimate after final design. The City of Torrance may have to come back to the WASC for more funding.

iii) Wilmington Neighborhood Greening Project – City of Los Angeles. Presented by Seth Carr.

Cung Nguyen asked about the O&M costs. Seth Carr replied that the cost listed is for O&M over 50 years.

6. Public Comment Period

Fernando Navarrete, representative for LA City District 15 Councilman Joe Buscaino, fully supports the Wilmington Project.

Kathleen McGowan commented that there is coordination between staff from the City of Torrance Airport Project and the downstream Harbor City Park Project.

7. Voting Items

None.

8. Items for Next Agenda

- Continuation of presentations for Scientific Studies Program.
- Discussion on formation of a subcommittee to review scopes of work and proposals for Technical Resources Program (TRP) projects.

9. Adjournment

Kristen Ruffell thanked WASC members and the public for their attendance and participation and adjourned the meeting. Next meeting: Wednesday, March 3, 2021 2:00 PM – 4:00 PM.

SOUTH SANTA MONICA BAY WASC MEETING - February 17, 2021

		Quorum Present				Voting Items
Member Type	Organization	Member	Voting?	Alternate	Voting?	Meeting Minutes 02/03/21
Agency	LACFCD	Cung Nguyen	x	Carolina Hernandez		Y
Agency	West Basin MWD	E.J. Caldwell	x	Alex Heide		Y
Agency	Water Replenishment District	Diane Gatzka		Lyndsey Bloxom	x	A
Agency	LAC Sanitation District	Kristen Ruffell	x	Mike Sullivan		Y
Agency	LA Recreation & Parks	Cathie Santo Domingo		Darryl Ford	x	Y
Community Stakeholder	Surfrider Foundation South Bay Chapter	Craig Cadwallader	x	Mary Simun		Y
Community Stakeholder	Santa Monica Bay Restoration Commission	Guang Yu Wang	x			Y
Community Stakeholder	Fangary Law Group	Hany Fangary	x	Justin Massey		Y
Community Stakeholder	Los Angeles Conservation Corps	Wendy Butts	x	Bo Savage		Y
Community Stakeholder	VACANT					
Municipal Members	Carson	Julio Gonzalez	x	Maria E. Williams-Slaughter		Y
Municipal Members	Los Angeles	Susie Santilena	x	Ilene Ramirez		Y
Municipal Members	LAC Public Works	TJ Moon	x	Thuan Nguyen		A
Municipal Members	Torrance	John Dettle	x	Wilson Mendoza		Y
Municipal Members	EWMP: Beach Cities			Shawn Igoe	x	Y
Municipal Members	EWMP: Dominguez	Heecheol Kwon	x	Mitchell Wagner		Y
Municipal Members	EWMP: Peninsula	Ken Rukavina	x	David Wahba		Y
Total Non-Vacant Seats		15			Yay (Y)	14
Total Voting Members Present		16			Nay (N)	0
Agency		5			Abstain (A)	2
Community Stakeholder		4			Total	16
Municipal Members		7				Approved

Other Attendees	
Alfredo Magallanes	Mercedes Passanisi
Alysha Chan	Michael Scaduto
Brett Perry	Mujahid Chandoo
Carmen Andrade	Nancy Shrodes
Christine McLeod	Nate Schreiner
Fernando Navarrete	Phuoc Le
Gus Orozco	Seth Carr
Ilene Ramirez	Shahram Kharaghani
Jacob Haik	Sheila Brice
Jacqueline Mak	Tammy Takigawa
Jacqueline McMillen	Taraneh Nik-Khah
Kathleen McGowan	Thuan Nguyen
Katie Harrel	Vik Bapna
Katie M	Wendy Dinh
Lorena Matos	Wilson Mendoza
Marita DRA Inc	
Megan Turnlund	



Stormwater Basin Expansion Project

Funding Program (IP)

John Dettle



Project Overview

Expansion of Amie, Henrietta and Entradero Basins are part of the Herondo Drain watershed to capture 85% storm event

The objective description of the Stormwater Basin Expansion Project (Project) is to improve the basins to retain the 85th percentile storm event Design Capture Volume (DCV). Proposed project improvements include the following:

- Deepen the Entradero Basin to 85% storm event capacity and use the excavated soils to improve south slopes at Entradero Park
- Construct a walking trail on the south side slope of Entradero Park
- Deepen the Henrietta Basin and install dry wells to retain 85% storm event
- Extend trail on south side of Henrietta Basin to complete trail loop
- Adjust pumping levels at Amie Basin to retain 85% storm event to be pumped to the Henrietta Basin for infiltration

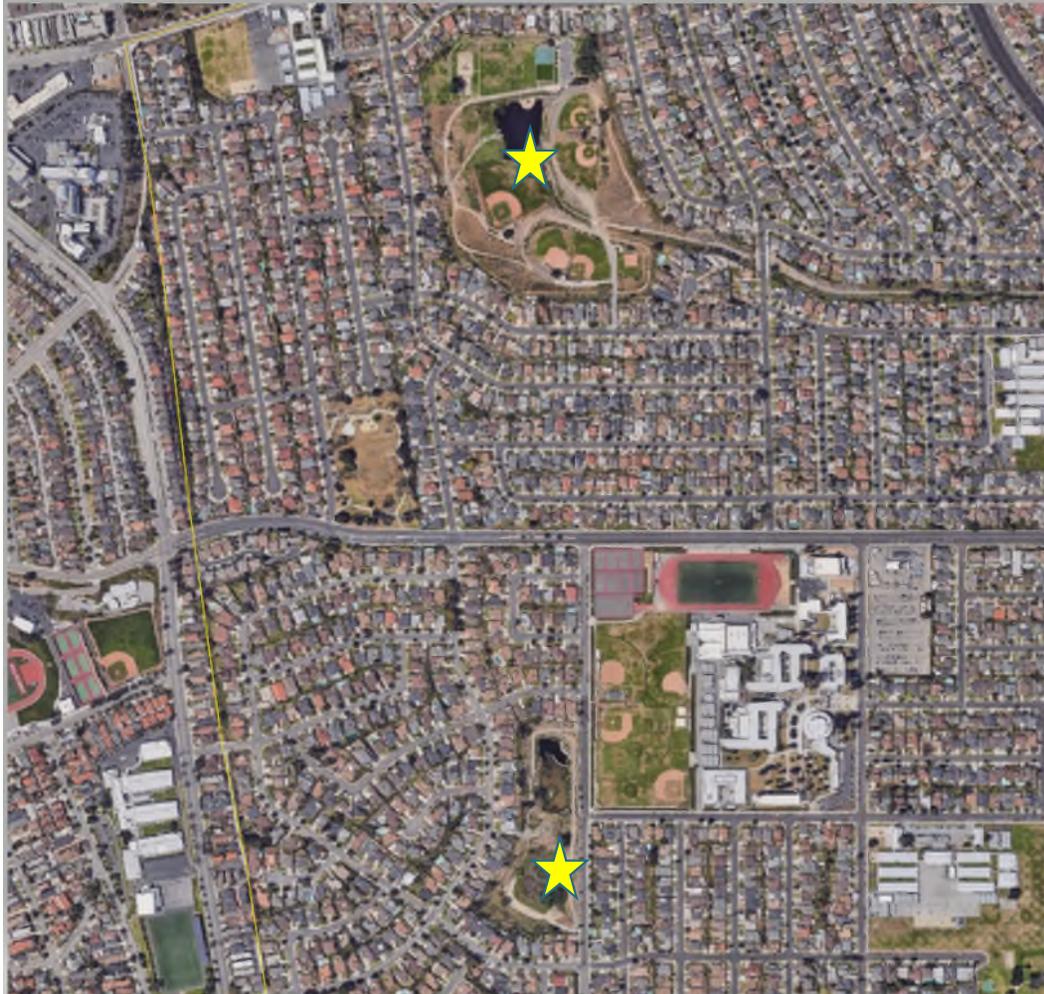
Project Status – In final design.

Total Funding Requested - \$4,505,000





Project Location

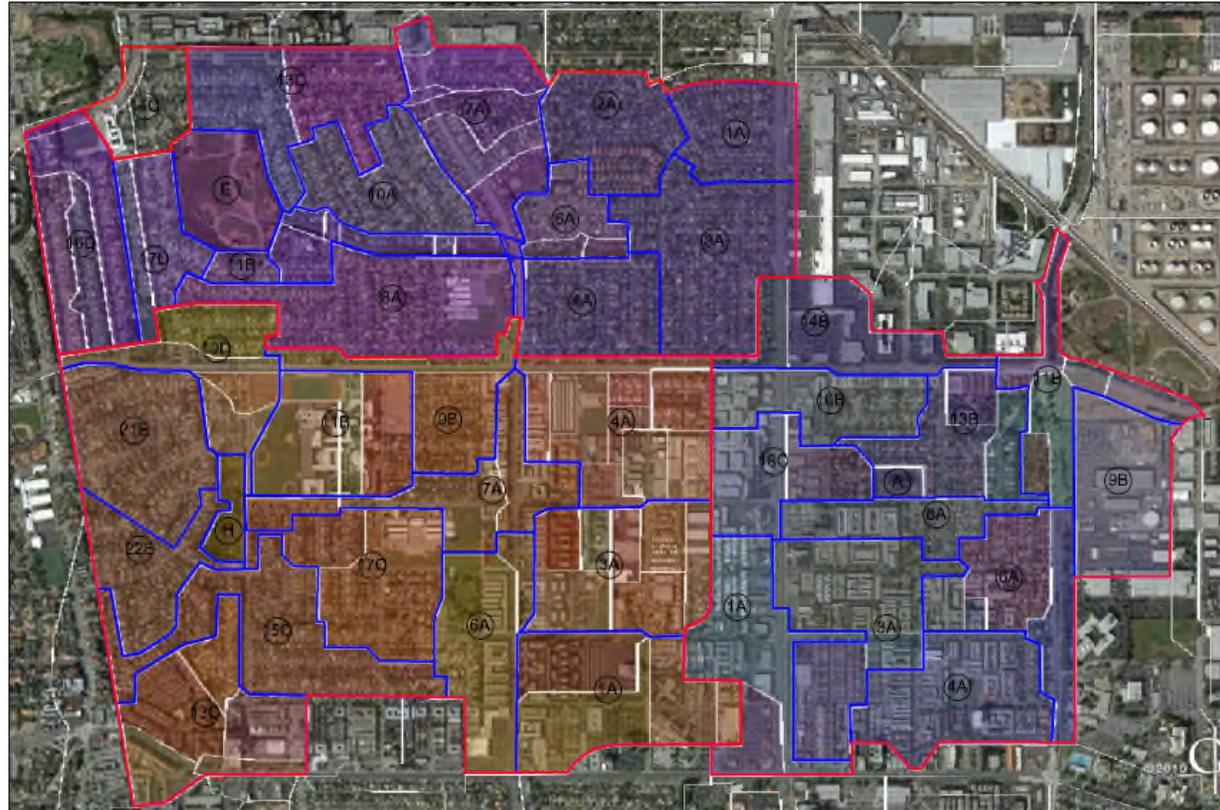


★ Entradero Basin

★ Henrietta Basin



Watershed Area and Capture Area



Total acreage = 1407 ac



Project Background

In 2015, the City of Torrance (City) completed the Stormwater Basin Enhancement Project to capture dry weather and first flush stormwater flows to Herondo Drain.

- The Stormwater Basin Enhancement Project was designed to address the SMBBB TMDL and the SMB Debris TMDL.
- Amie Basin improved to provide passive wetland treatment, native habitat and trash screens on catch basins.
- Henrietta Basin improved to provide passive wetland treatment, infiltration, habitat restoration, trash screens on catch basins and public access.
- Entradero Basin improved to provide additional infiltration, habitat restoration, trash screens on catch basins and public access trails and viewing areas.



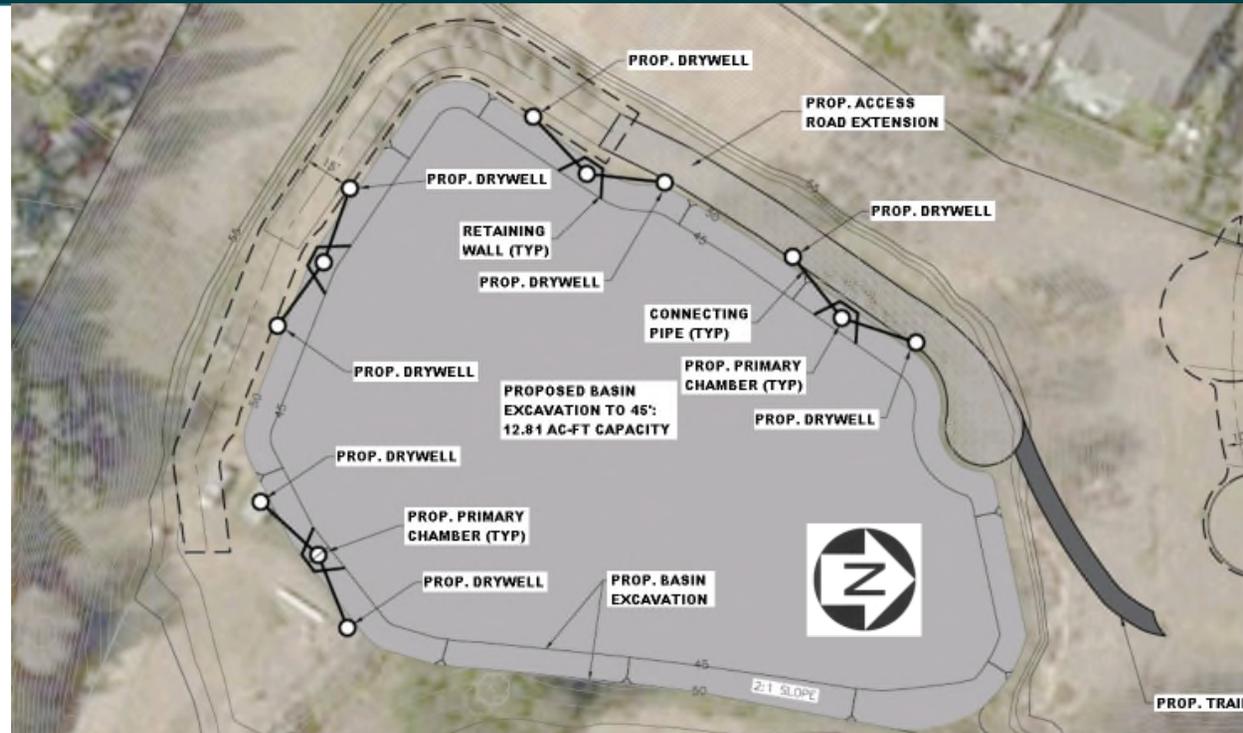
Entradero Basin Project Details (In Design)



- Proposed trail improvements
- Slope improvements with excavated soils
- Deepen Entradero Basin



Henrietta Basin Project Details (In Design)



- Proposed drywells
- Deepen southern basin 3'-5'
- Trail to complete loop



Cost & Schedule

Phase	Description	Cost	Completion Date
Henrietta Basin	Excavation	\$ 1,350,000	10/2022
Henrietta Basin	Drywells	\$ 1,855,000	10/2022
Entradero Basin	Infiltration Basin	\$ 850,000	10/2022
Entradero Basin	Slope Rehabilitation	\$ 450,000	10/2022
TOTAL		\$ 4,505,000.00	

Annual Cost Breakdown	
Annual Maintenance Cost:	\$ 15,000.00
Annual Operation Cost:	\$ 15,000.00
Annual Monitoring Cost:	\$ 0.00
Project Life Span:	20 years

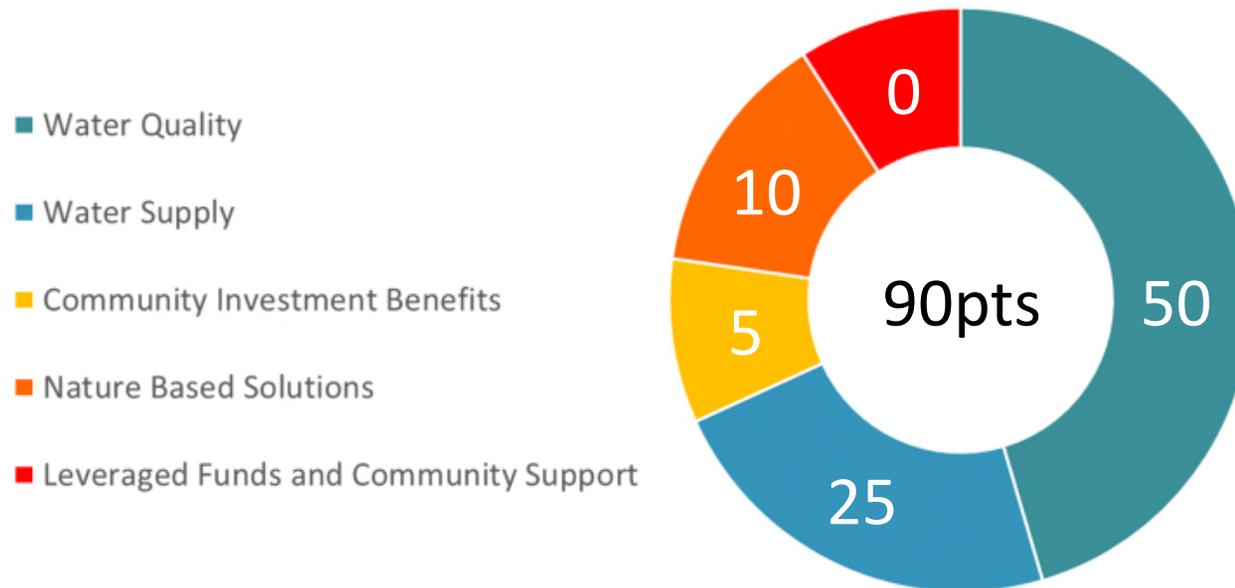


Funding Request

Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$ 4,505,000.00	Construction	Construction of Project
TOTAL	\$ 4,505,000.00		



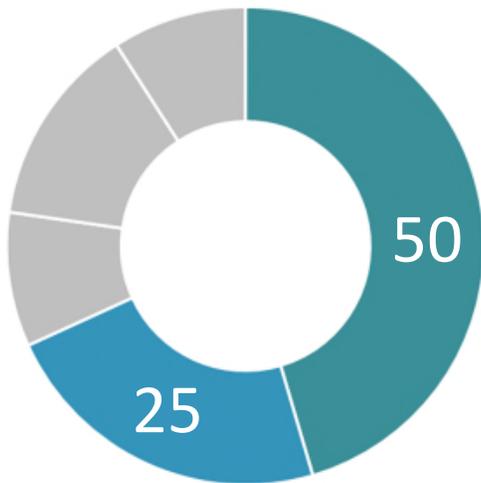
Preliminary Score



Note: City of Torrance contributed \$731,230 for Preliminary and Final Design



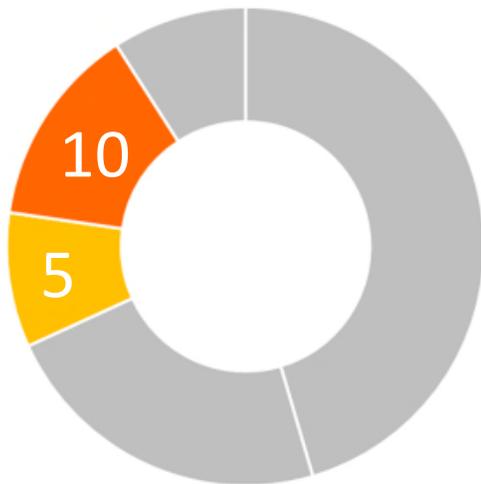
Water Quality & Water Supply Benefits



- Primary mechanism is capturing and infiltrating stormwater to achieve Water Quality and Water Supply Benefits claimed
- Captures both Wet/Dry Weather events
- Tributary Area 1407 ac
- Capacity 847 ac-ft/year
- Cost is less than \$1000/ac-ft
- Pollutant Reduction for both Primary and Secondary Pollutants (Bacteria and Debris)
- Annual Water Supply Volume is greater than 300 ac-ft/year
- Water Supply Use (water supply to aquifer to help prevent sea water intrusion)
- Water Supply and Water Quality Cost Effectiveness is greater than 1.0



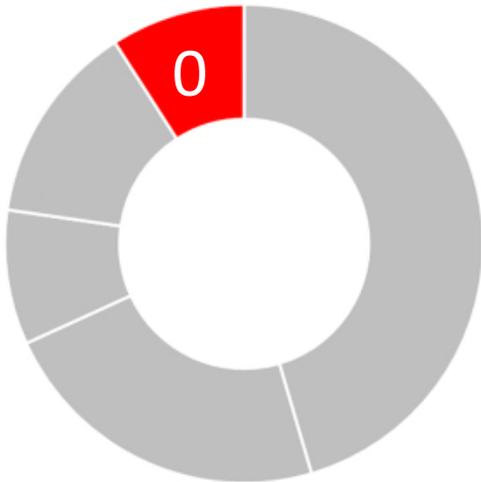
Community Investment Benefits and Nature Based Solutions



- **Community Investment Benefits**
 - Flood Management benefits. Every gallon of water diverted to the PROJECT frees up capacity in the downstream storm drains
 - Entradero Basin is a 25-acre multipurpose recreation area with walking trails & observation platforms
 - Constructing a walking trail on the south side of Entradero Park used by residents and the West High Cross Country Team
 - Extending the trail on the south side of Henrietta Basin to complete loop.
- **Nature Based Solutions**
 - Improve natural processes to slow, detain, capture, and infiltrate water. Utilizes natural materials such as soils and vegetation with a preference for native vegetation.



Leveraging Funds and Community Support



- Community Support
 - Public outreach was conducted at the Entradero Basin on October 10, 2020.
 - Meeting notices were sent to residents within a 500 foot radius of the project.
 - 44 people attended the event.
 - Main concerns were trail erosion, basin maintenance and wildlife concerns (coyotes).



Questions?



Torrance Airport Storm Water Basin Project Phase 2 Construction

Safe, Clean Water Program Infrastructure Project

Presenter: Wilson Mendoza
City of Torrance
WMendoza@TorranceCA.gov
T: 310.618.3052



Project Overview

The Torrance Airport Storm Water Basin Project (Project) will divert, capture and treat urban storm water runoff up to 120 acre-feet per year from the cities of Rancho Palos Verdes, Rolling Hills Estates, Palos Verdes Estates, Rolling Hills and LA County Unincorporated.

- Primary and Secondary Objectives:
 - To comply with the 2012 NPDES MS4 Permit requirements by capturing and diverting the volume of water from the 24-hour 85th Percentile storm runoff.
 - To improve the quality of Machado Lake by eliminating dry-weather runoff and reducing wet-weather pollutants transported in urban storm water such as Total Nitrogen, Total Phosphorous, Total Suspended Solids, bacteria, toxics, heavy metals, and petroleum products.
- Project Status – Preliminary Design is completed. Preparing RFP for Final Design.
- Total Funding Requested: \$12,000,000





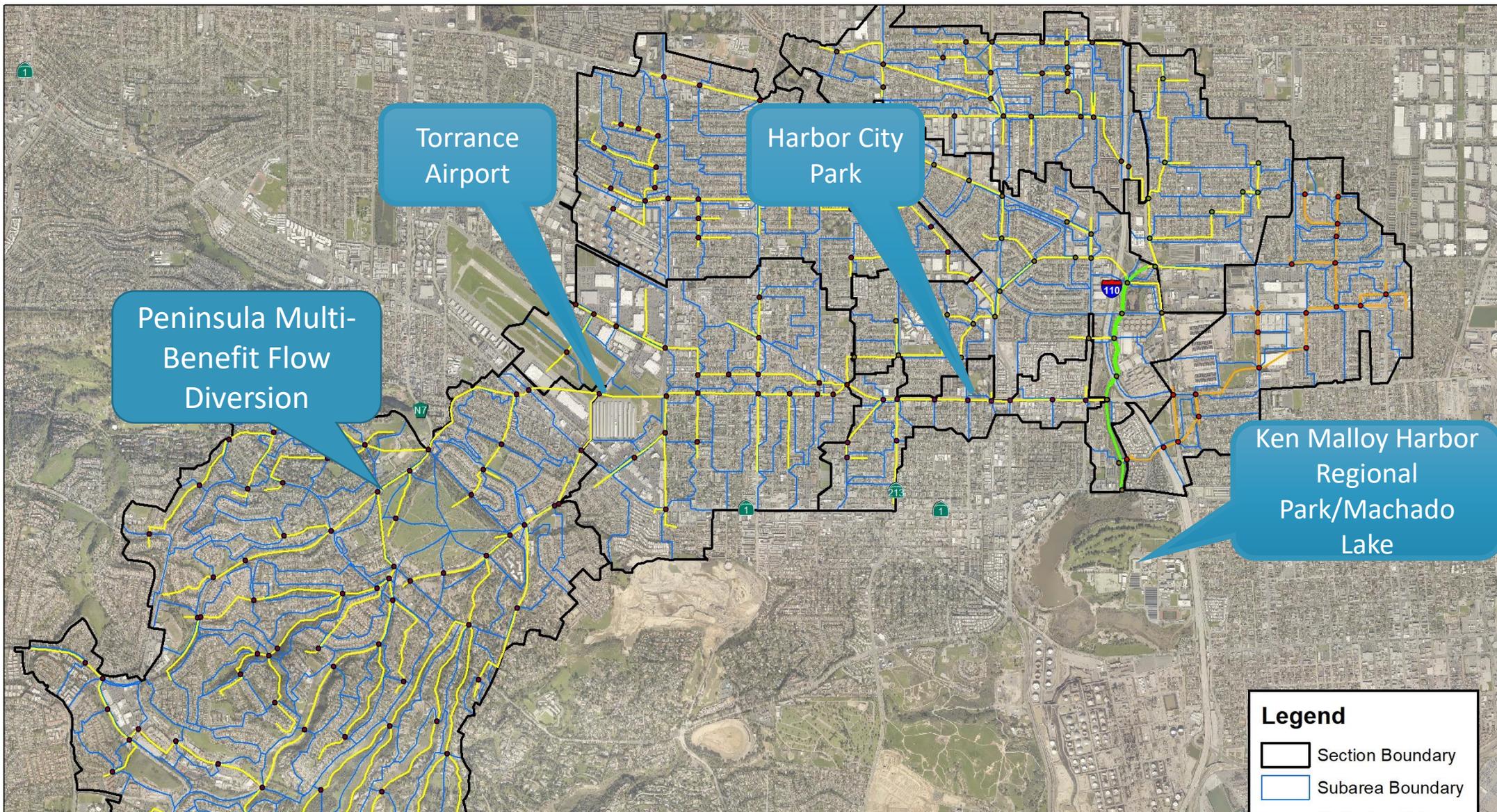
Project Location



- Project is located at Torrance Municipal Airport and is identified in the Machado Lake Enhanced Watershed Management Program (EWMP).
- Project is downstream of Peninsula cities where storm water exit the Peninsula where it is comingled with drainage with Torrance prior to flowing into three of the four major drainage systems at the Torrance Airport before entering Machado Lake.

- The Project will divert and store stormwater to later be pumped to the Joint Water Pollution Control Plant in the City of Carson. Or could be pumped back to the LACFCD system to be captured with the Harbor City Park Project and PVP Multi-benefit Flow Diversion Project for re-use as part of the Integration of Regional Projects.





Torrance Airport

Harbor City Park

Peninsula Multi-Benefit Flow Diversion

Ken Malloy Harbor Regional Park/Machado Lake

Legend

- Section Boundary
- Subarea Boundary
- Collection Point
- Wilmington Drain
- Project No. 510
- Existing Drain

Water Quality & Water Supply Benefits: Integration Of Regional Projects



Project Background

- Why was the Project Location selected? Public ownership and its proximity to two large storm drains with a total drainage area of about 3,841 acres.
- How was the Project developed? This project was identified in the Machado Lake EWMP as a high priority Project.
- City of Torrance, the Peninsula Cities and State Water Resources Control Board (SWRCB) worked together on Preliminary Design.
- Due to groundwater contamination, infiltration is not feasible.
- **Benefits to municipality/municipalities:** The cities of Rancho Palos Verdes, Rolling Hills Estates, Palos Verdes Estates, Rolling Hills and LA County Unincorporated will benefit from this project in addressing the Machado Lake Nutrients and Toxics Total Maximum Daily Loads (TMDL).



Project Background

- How Project Concept will provide Disadvantaged Community (DAC) Benefits:
 - Ken Malloy Harbor Regional Park is located east of Harbor City and west of Wilmington in a Disadvantaged Community.
 - Machado Lake is listed as a Category 5 impaired water body on the CA 303(d) list for Nutrients and Toxins.
 - The Project will help reduce storm water pollution at (Machado Lake) located in Ken Malloy Harbor Regional Park. The project will provide improved flood management, flood conveyance and flood risk mitigation through the capture of 17 Ac-Ft of storm water (per event).



Project Details – Site Plan

TORRANCE AIRPORT STORM WATER INFILTRATION PROJECT, I-174 PDR CITY OF TORRANCE



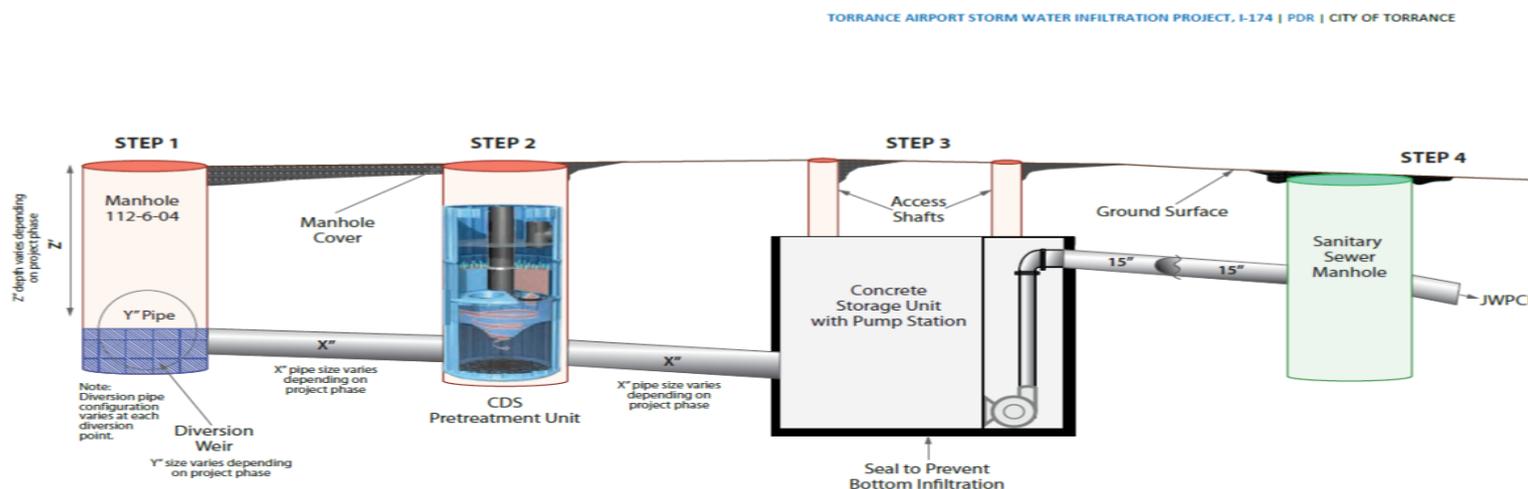


Project Details – Schematics and Major Elements

Project Phase	Drainage Area (ac)	Pre-Treatment CDS Unit	Underground Storage Capacity (ac-ft)	Peak Flow (cfs)	Pump Station	Pipe Length (ft)
Phase 2	401	1	17	25	3 - 10 hp, 1000 gpm @ 30 ft TDH	2,500

The main elements of the Project include a diversion structure with peak flow of 25 cfs, conveyance pipes, 17 acre-ft storage units, and pump station to pump to the 15-inch sanitary sewer along Crenshaw Boulevard or back to Harbor City Park Multi-Benefit Stormwater Capture Project.

With the exception of access hatches and electrical panels, the sites will be restored to current conditions following construction.



STEP 1: Diversion of flow up to the 24-hr 85th Percentile storm runoff to CDS pretreatment unit through a X" diameter pipe.
STEP 2: Sediment and trash removal from diverted flow using CDS unit installed in a 8-ft diameter manhole.

STEP 3: Temporary storage (up to 3 days) of pretreated flow in a concrete storage unit installed 20' below ground surface. Bottom of concrete storage unit sealed to prevent infiltration.
STEP 4: Discharge into sanitary sewer manhole.

Not to Scale

Figure 1.4a Storage - Sanitary Sewer System General Layout | 1-13



Cost & Schedule

Phase	Description	Cost	Completion Date
Construction	Construction Phase 2	\$12,000,000	10/2023
TOTAL		\$12,000,000	

- Description of Annual Costs - The City of Torrance will maintain all the underground elements, such as the diversion system, pre-treatment system, storage galleries, and sewer/storm water pump station.
- Project Lifespan & Lifecycle Cost – Project lifespan at 20 years depending on the materials and components.



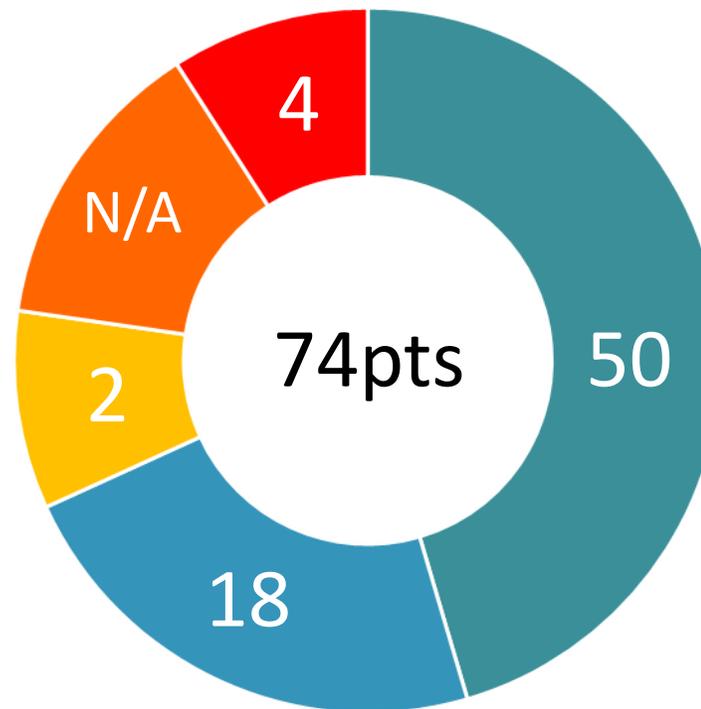
Funding Request

Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$4,000,000	Construction	Public Outreach and Pemiting
2	\$8,000,000	Construction	Construction of Phase 2
3			
4			
5			
TOTAL	\$12,000,000		



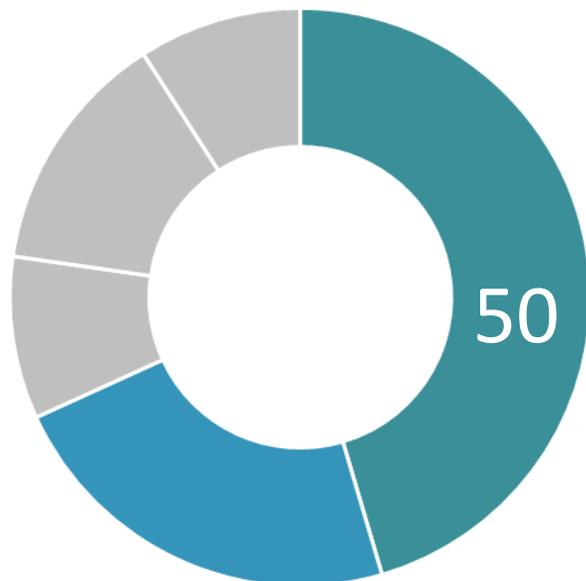
Preliminary Score

- Water Quality
- Water Supply
- Community Investment Benefits
- Nature Based Solutions
- Leveraged Funds and Community Support





Water Quality Benefits



Primary mechanisms that achieve Water Quality Benefits claimed:

- The project will divert and capture storm water runoff up to 120 acre-feet per year, based on a 10 year average storm.

Primary Pollutant (TP) Reduction: >80% = 20 points

Secondary Pollutant (TN) Reduction: >80% = 10 points

- Flood Risk Management. Project also frees up 25 cfs of capacity in the LACFCD system downstream of the Airport until the 17 acre-foot storage basin is filled, which reduces risks for localized flooding.

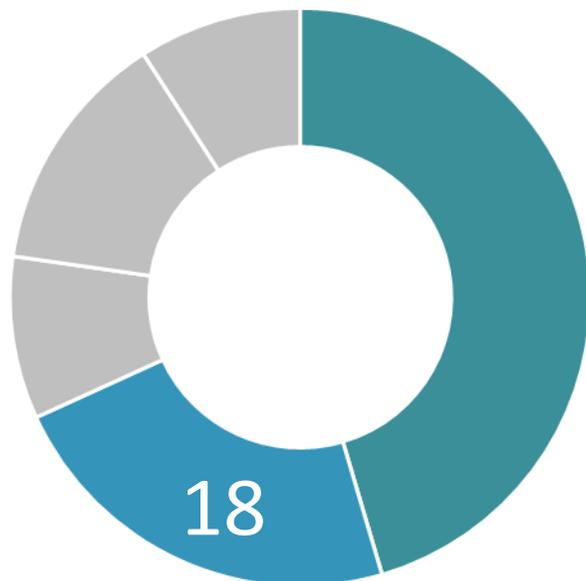
Cost Effectiveness = 17 ac-ft/\$12M = 1.4 > 1.0 = 20 points

- Climate Change. The proposed project will assist in infrastructure adaptation by increasing the capacity of downstream storm drains to handle heavier rainfalls and extreme weather events.



Water Supply Benefits

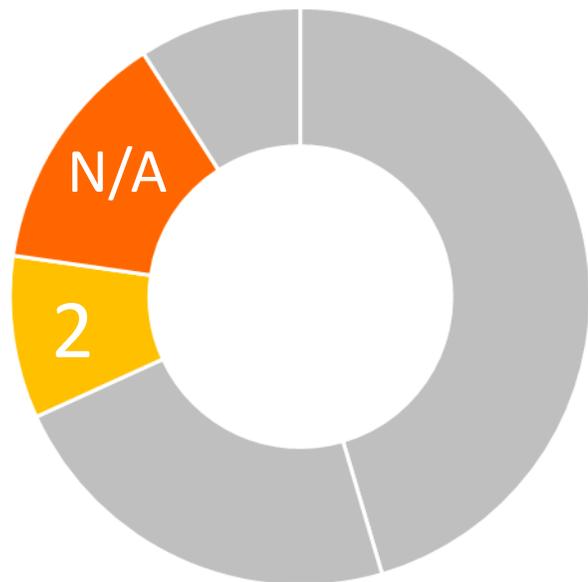
Primary mechanisms that achieve Water Supply Benefits claimed:



- This project will capture storm water for treatment/water recycling by Joint Water Pollution Control Plant in Carson
- Water-Supply Cost-Effectiveness = (A)/(B) = \$1,522.70 per ac-ft
\$1,500 ~ \$2,000/ac-ft = 6 points
- Module-generated Annual Average Capture for Water Supply:
625.912 ac-ft
> 300 ac-ft/year = 12 points



Community Investment Benefits and Nature Based Solutions



- **Community Investment Benefits**

This project provides Flood Management, Flood Risk Mitigation benefits because it frees up 25 cfs of capacity in the LACFCD system downstream of the Airport until the 17 acre-feet underground storage basin is filled.

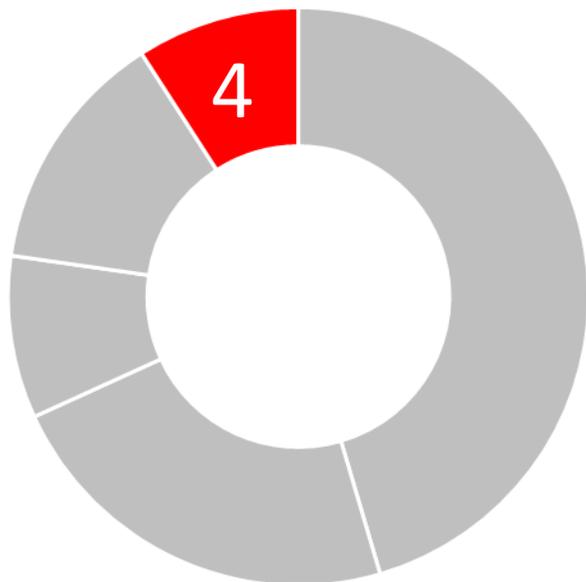
One (1) Benefit = 2 points

- **Nature Based Solutions**

N/A



Leveraging Funds and Community Support



- Leveraging Funds
 - N/A
- Community Support
 - Project has strong stakeholder support from SWRCB, LARWQCB, Airport Commission and the cities of Rancho Palos Verdes, Rolling Hills Estates, Palos Verdes Estates, Rolling Hills and LA County Unincorporated.
 - An outreach is planned to be part of the final design phase. This task involves facilitating the organization, coordination and collaboration among stakeholders, residents, and non-government organizations. A summary of stakeholder outreach, education, public participation, and collaboration activities will be provided in the progress reports.
 - The City of Lomita located at the east side of Crenshaw Boulevard will be included in all outreach efforts.



Questions?



Wilmington Neighborhood Greening Project

Infrastructure Program

City of Los Angeles, LASAN and Environment

Seth Carr, P.E.



Project Overview

Storm drain diversion from 66-acre drainage area to underground detention tank located in Wilmington Recreation Center Park with added green street elements

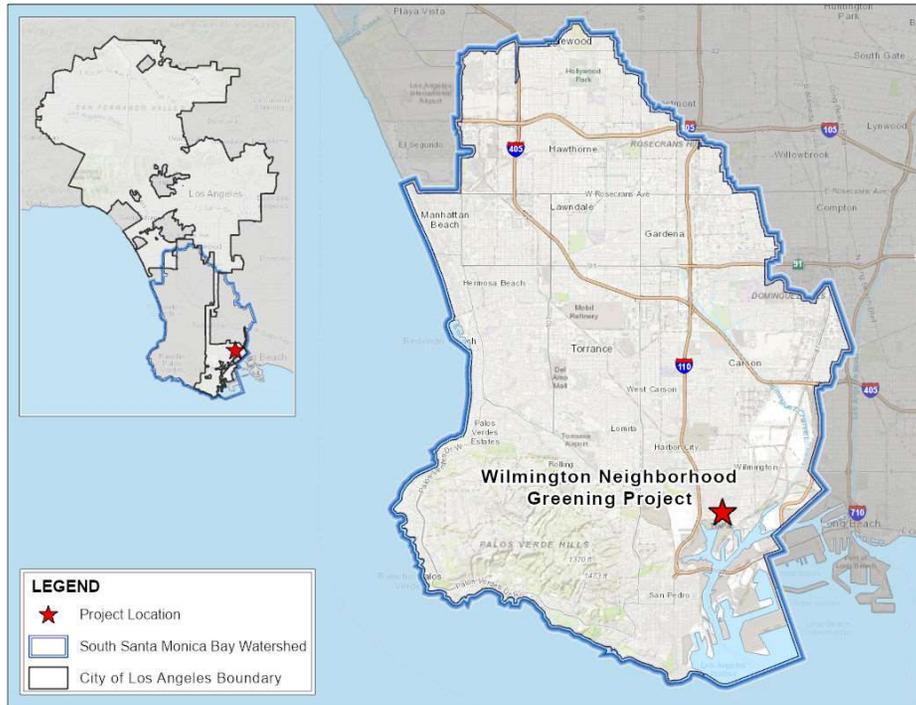
- Objectives: Helps meet treated or diverted watershed area interim milestone target for 50% zinc reduction by 2029. Flooding reduction and neighborhood enhancement with nature-based solutions
- Signature project in Dominguez Channel EWMP
- Phases for which SCW funding is being requested: Planning, Design, & Construction.
- Total Funding Requested: **\$12.18 million**





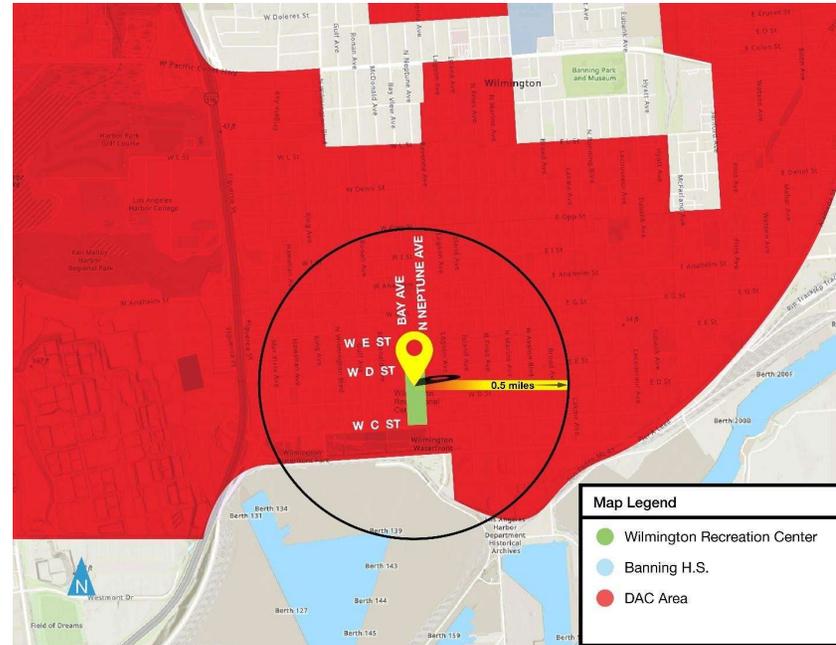
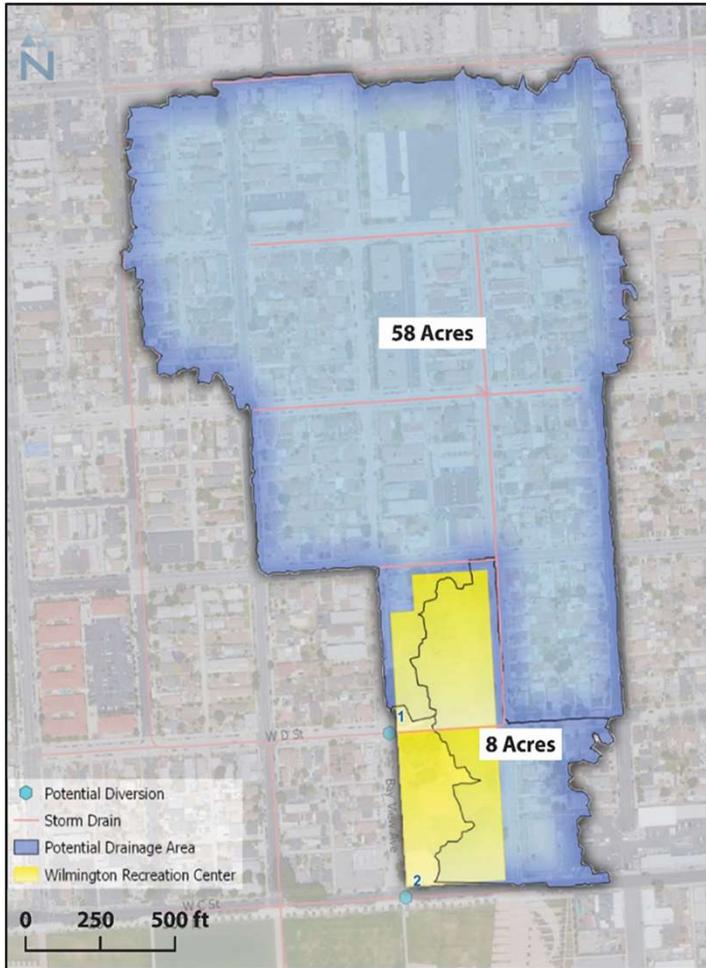
Project Location

Wilmington Recreation Center
325 N Neptune Avenue
Wilmington CA 90744





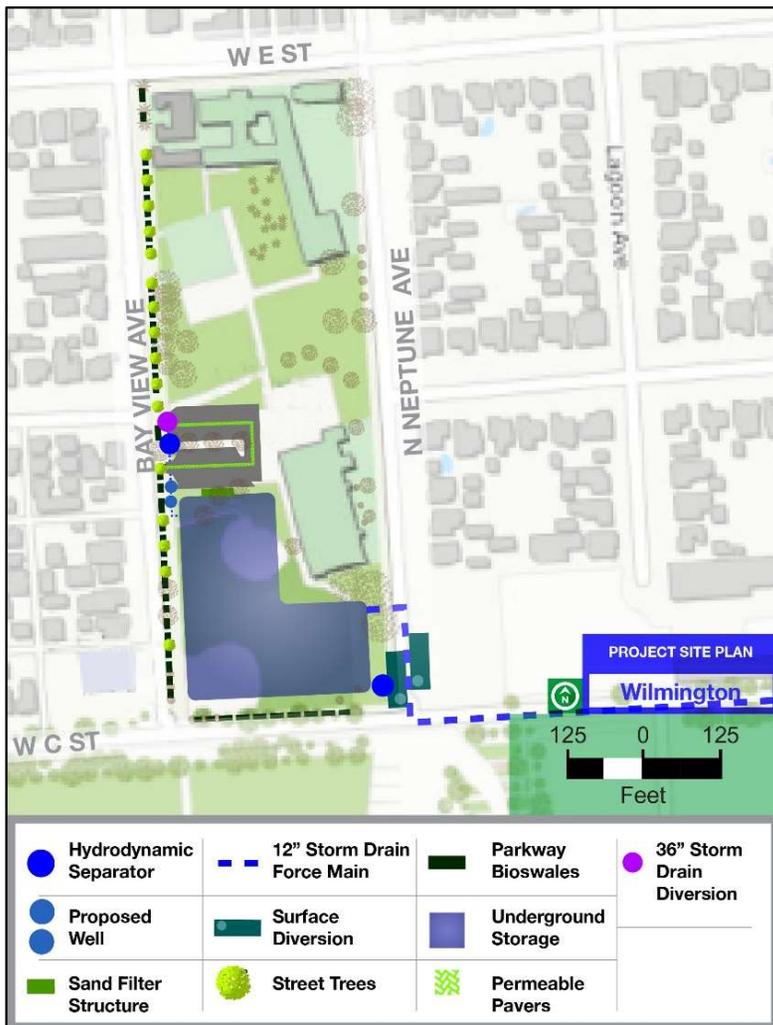
Project Location



Community Partners: Los Angeles Walks, Strength Based Community Change, Wilmington Neighborhood Council

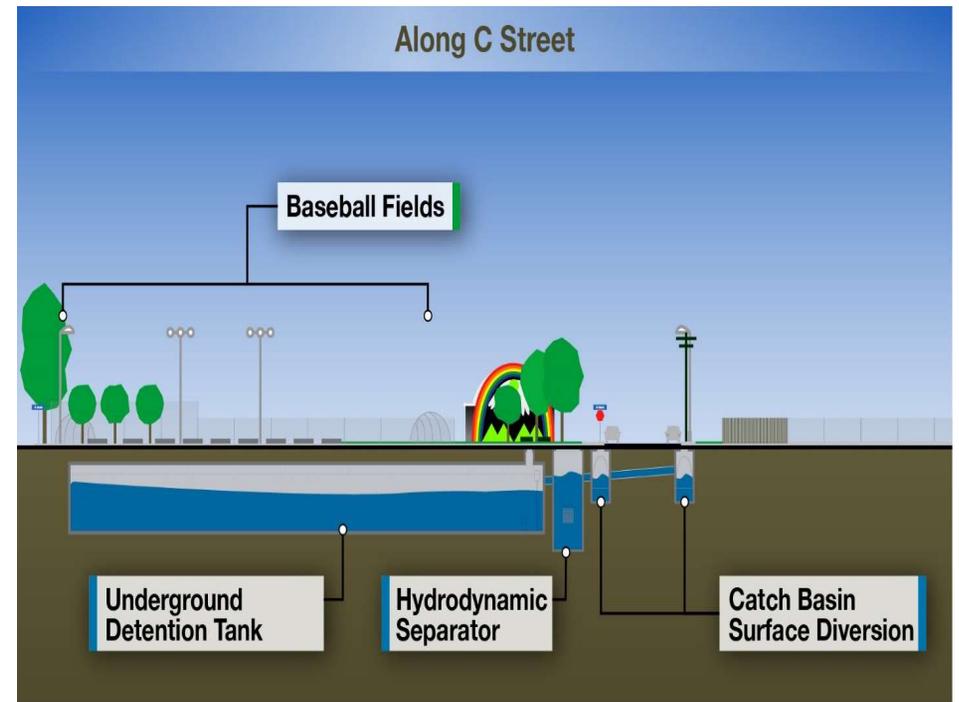
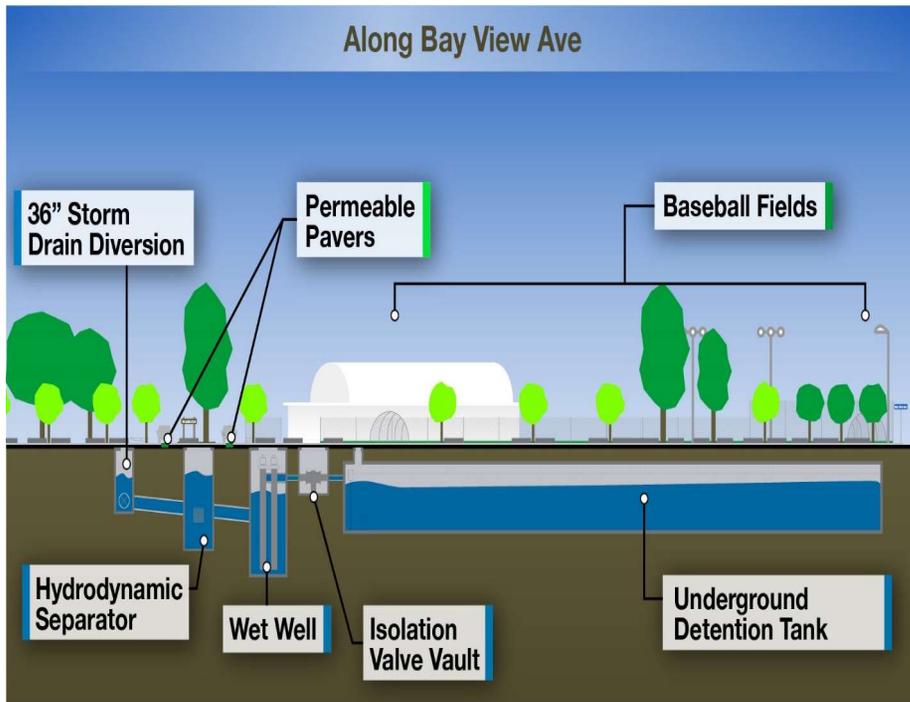


Project Details





Project Details



- 36" storm drain diversion treated by hydrodynamic separator and pumped to detention tank for storage for irrigation use and recycled water treatment at Terminal Island Water Reclamation Plant for 58 acre drainage area
- Separate street diversion for 8 acre park runoff along C St.
- Feasibility Study submitted with SCW application



Cost & Schedule

Phase	Description	Cost	Completion Date
Planning	Predesign phase, outreach plans	\$90,000	12/2021
Design	Preparation of final plans, CEQA, pre-project monitoring, specifications and construction cost estimates.	\$1,940,500	03/2023
Construction	Through final construction and installation, including warranty period.	\$10,152,500	06/2025
TOTAL		\$12,183,000	

Description of Annual Costs: Annual Maintenance Cost: \$ 139,800,
Annual Operation Cost (Electricity and wastewater fees): \$ 78,681,
Annual Monitoring Cost: \$37,700

SCW Module Project Lifespan & Lifecycle Cost: **50 years, \$18.3 million**



Funding Request

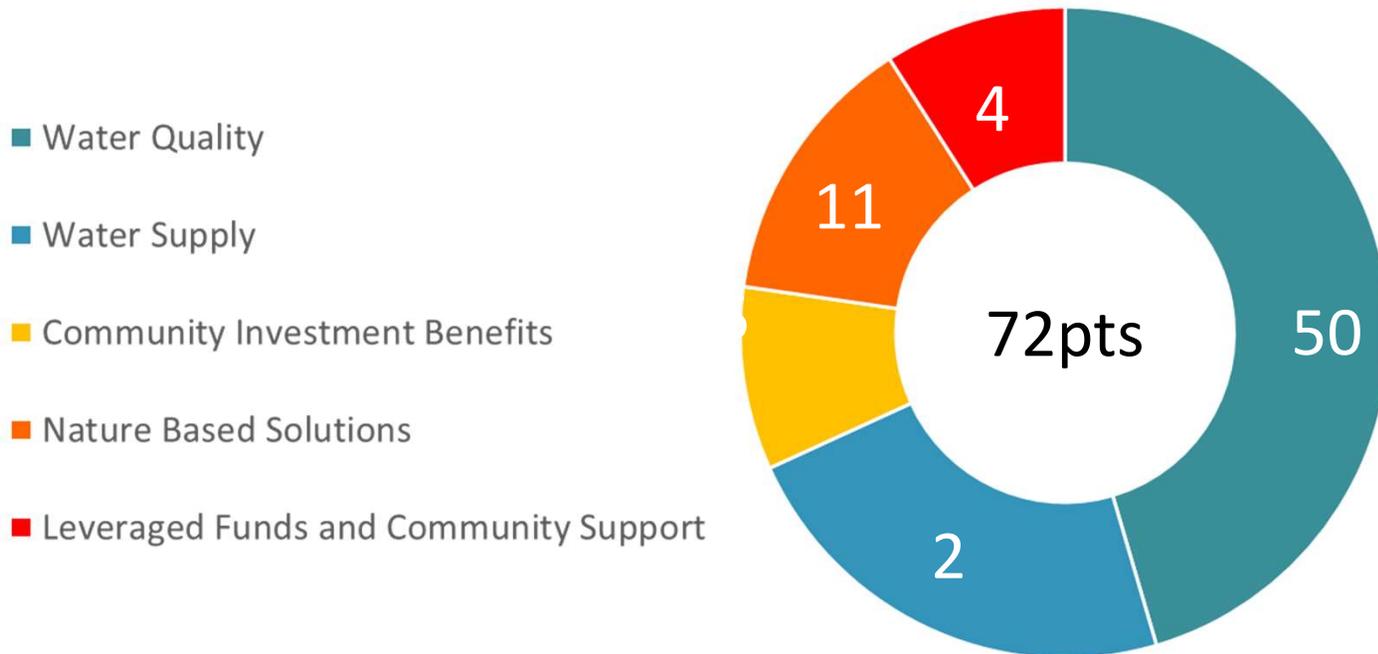
Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	\$662,727	Planning, Design, Monitoring	Pre-design, Environmental (CEQA), and Preliminary Monitoring and Design
2	\$504,673	Design and Monitoring	Preliminary Design and Monitoring
3	\$3,387,700	Design, Construction and Monitoring	Final Design, Preliminary Construction and Monitoring
4	\$4,818,700	Design, Construction and Monitoring	Construction Support, Final Construction and Monitoring
5	\$2,809,200	Design, Construction and Monitoring	Construction Support, Final Construction and Final Monitoring
TOTAL	\$12,183,000		

Future SCW Request- Operation and Maintenance Budget:

\$ 6,146,781.48 for 50 years



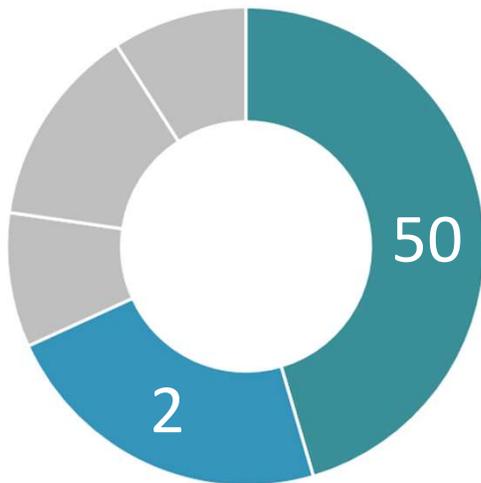
Preliminary Score



Scoring Committee Score 72 points



Water Quality & Water Supply Benefits



Water Quality, Cost Effectiveness – **20 points**

- $10.16 \text{ AF}/\$10.15 \text{ million} = 1.01 \text{ AF}/\$-\text{million}$

Water Quality, Pollutant Reduction – **30 points**

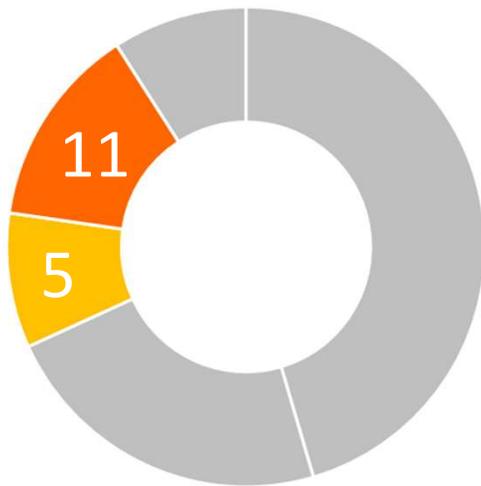
- Pollutant Reduction: Primary-80.5% (bacteria), Secondary 100% (trash)

Water Supply – **2 points**

- $21.88 \text{ AF wet weather} + 32 \text{ AF dry weather yearly volume capture} = 53.88 \text{ AF}$
- Onsite irrigation use- $9.6 \text{ AF}/\text{y}$, potential recycling- $44.28 \text{ AF}/\text{y}$



Community Investment Benefits and Nature Based Solutions



Community Investment Benefits – **5 points**

- Improved flood management, flood conveyance, or flood risk mitigation
- Creation, enhancement, or restoration of parks, habitat, or wetlands
- Enhanced or new recreational opportunities
- Reducing local heat island effect and increasing shade
- Increasing the number of trees increase and/or other vegetation at the site location that will increase carbon reduction/sequestration and improve air quality.

Nature Based Solutions – **11 points**

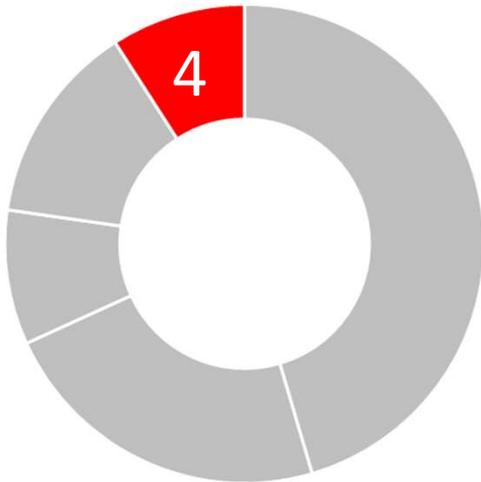
- Implements natural processes or mimics natural processes to slow, detain, capture, and absorb/infiltrate water in a manner that protects, enhances, and/or restores habitat, green space and/or usable open space = **5 points**
- Utilizes natural materials such as soils and vegetation with a preference for native vegetation = **5 points**
- Removes Impermeable Area from Project 33% reduction (1 point per 20% paved area removed) = **1 point**



Leveraging Funds and Community Support

Community Support- **4 points**

- Strong community support: Wilmington Neighborhood Council, Los Angeles Walks, & Strength Based Community Change
- Strong coordination and outreach with the Council District 15 staff- 4 prior separate meetings and an outreach plan for future community engagement





Questions?