City of Montebello Stormwater Capture Project

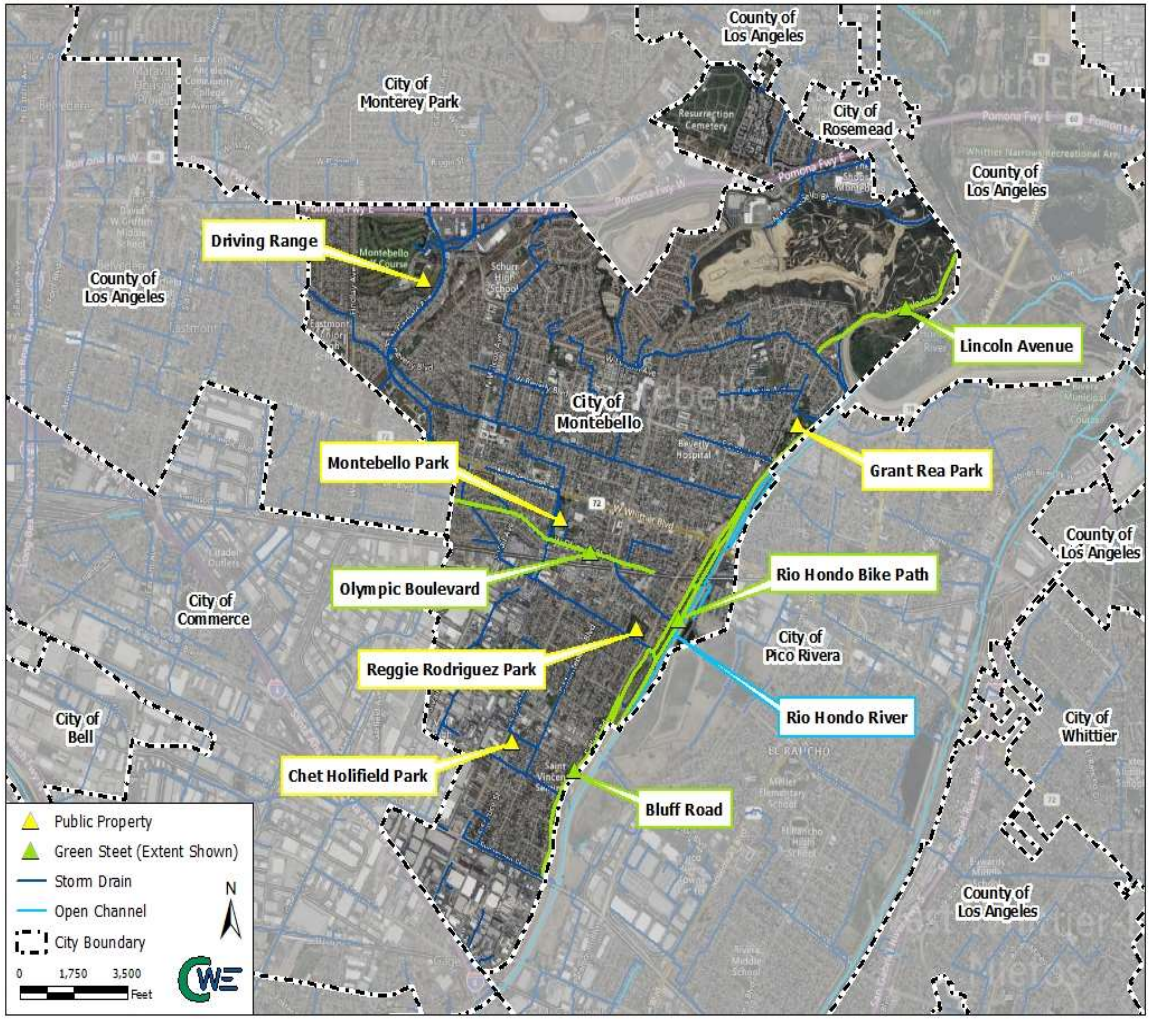
Technical Resources Program
Fiscal Year 2025-2026
Rio Hondo WASC
City of Montebello
Cesar Roldan, Director Public Works
Larry Tortuya and Gerald Greene, CWE
Previously Awarded TRP – No

Project Overview

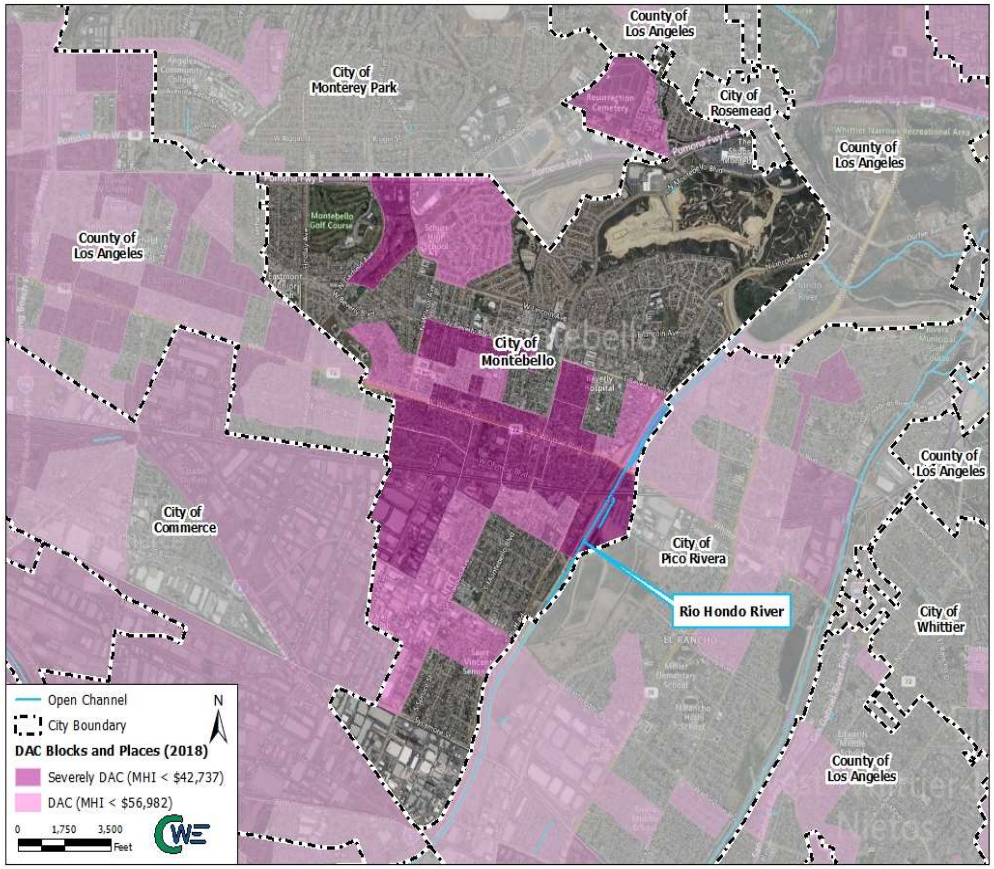
Undertake a feasibility study to identify a preferred project location to capture urban runoff and contribute to meeting Rio Hondo and Los Angeles River water quality objectives

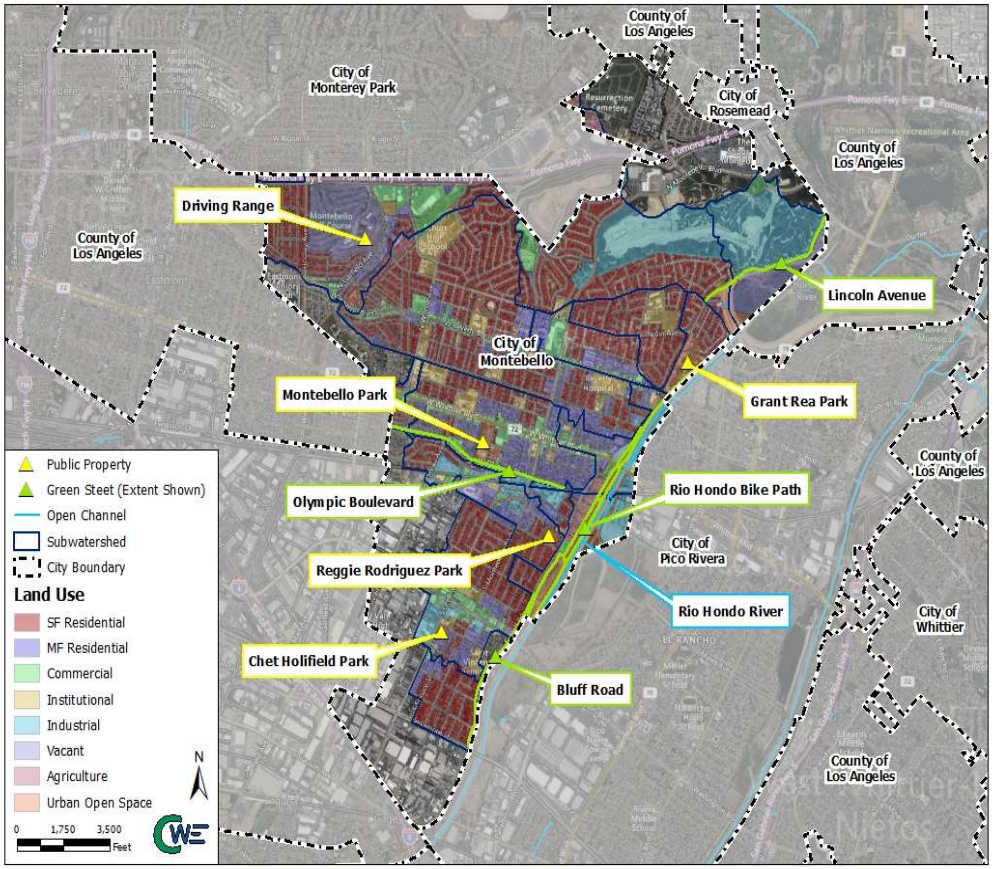
- Primary Objective: Capture, pretreat, and infiltrate dry- and wet-weather urban runoff so that remaining Rio Hondo receiving waters support attainment of LARWQCB Basin Plan beneficial uses and Los Angeles River Watershed Total Maximum Daily Loads (TMDLs)
- Secondary Objectives: Increase recharge to augment Central Basin groundwater supplies and provide additional benefits including public education and nature-based solutions
- Project Status: Planning
- Total Funding Requested: $400,000

Potential Project Locations



Disadvantaged Areas and Land Use Categories





Montebello Vicinity

- Why was the project vicinity selected?
  - East LA Sustainable Medians Project
  - Focuses on runoff that potentially by-passes spreading grounds.
  - Pollutant load reduction to the Rio Hondo and Los Angeles River.
- Which regional water management plan includes the proposed project?
  - ULAR Enhanced Watershed Management Plan (EWMP) identifies the need for nearly 98 acre-feet of runoff capture, within the City of Montebello, to support watershed metals and bacteria TMDLs.
- How were the potential projects areas identified?
  - The WMP identifies city-owned parks and public right-of-way as optimal locations for stormwater improvement projects that are intended to address stormwater pollution. The City identified multiple locations for multi-benefit projects that would improve water quality while providing additional benefits to the community.

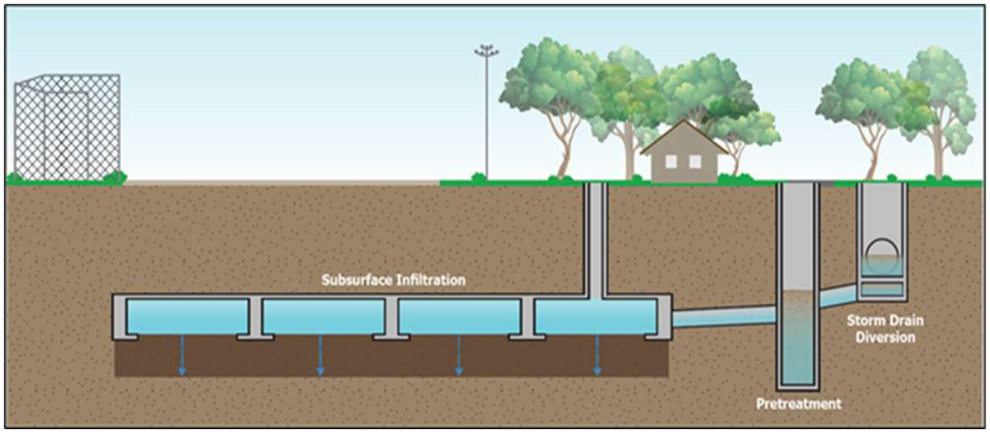
Partners

- Who are the identified implementation partners?
  - The City would identify partners based on prioritized project catchments
- What communities or groups have expressed support for the project?
  - Community outreach and engagement was initiated as part of the City's Parks Master Plan project
- Have you received a letter of concurrence from the municipality (if needed)
- Have you received a Flood Control District letter of concurrence (if needed)
- Have you engaged the Greater Los Angeles County Vector Control District?

*Multiple potential projects will be evaluated and prioritization from which to identify agency outreach requirements.

Project Details

- **Opportunity sites to improve water quality while providing community enhancements and multiple benefits include the following:**
  - Grant Rea Park near Beverly Boulevard and Rea Drive
  - Chet Holifield Park
  - Montebello Park
  - Rodriguez Park
  - Olympic Boulevard
  - Bluff Road (west of Rio Hondo)
  - Rio Hondo bike path vicinity
  - East of Montebello Golf Course
  - Lincoln Avenue between Avenida De La Merced and San Gabriel Boulevard (known flooding in this area could also be addressed)



- **Proposed approaches and supporting infrastructure improvements will be assessed and determined during the Feasibility Study phase.**
- Geotechnical exploration is included in this phase of the Project.

Cost & Schedule

Phase	Description	Cost	Completion Date
Planning	Conduct a feasibility study to identify a preferred project location to capture/infiltrate runoff and assist in meeting TMDL targets.	$400,000	Pending SIP 2027?
Design	TBD pending TRP	TBD	2028?
Implementation	TBD pending TRP	TBD	2029-2031
O&M	O&M following implementation	TBD	2032
Monitoring	Monitor/assess effectiveness	TBD	2032-2037
TOTAL		**$400,000**	

- Project lifespan, lifecycle, and annual costs will be assessed during planning
- Life cycle is expected to be 50-years

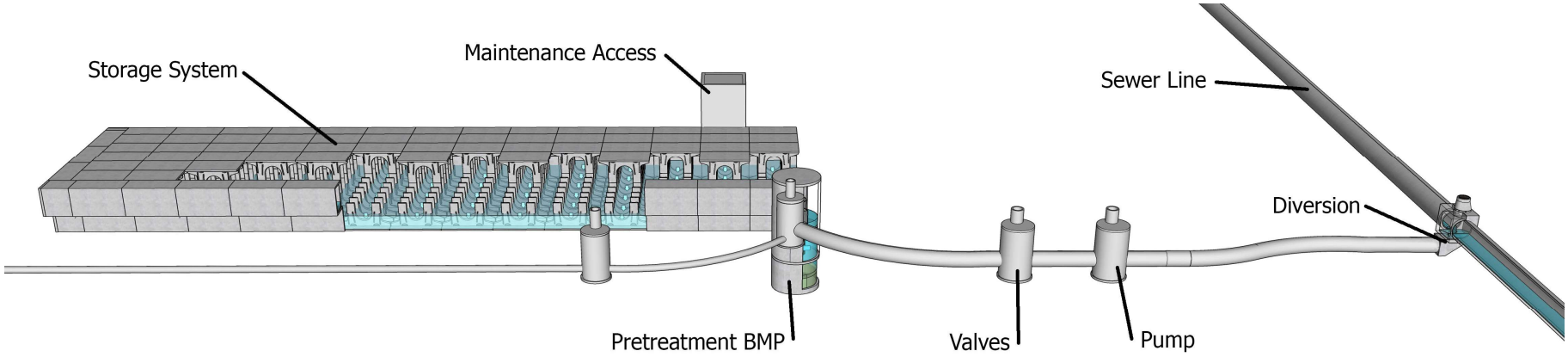
Funding Request

Year	SCW Funding Requested	Phase	Efforts during Phase and Year
1	$400,000	Planning	FY24-25 TRP, feasibility study, funding pursuit
2	TBD	Design	Design of recommended implementation
3	TBD	Permitting & Bidding	Permitting & Bid Documents
4	TBD	Implementation	Construction based on design
5	TBD	O&M/Monitoring	Perform maintenance and monitor effectiveness
TOTAL	**$400,000**		

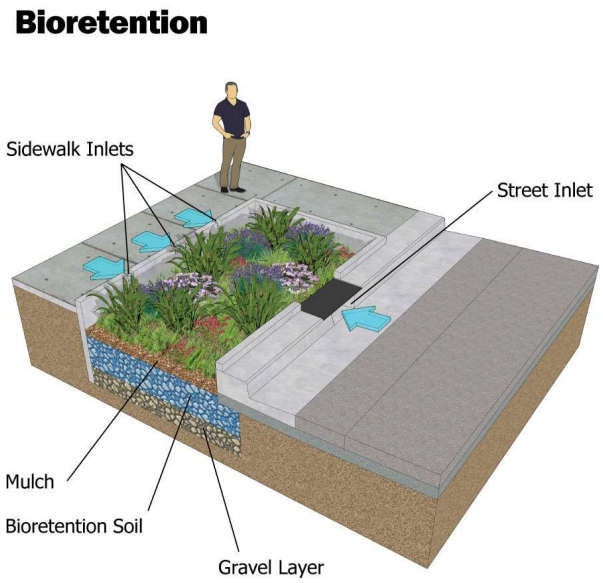
- Leveraged Funding TBD following TRP
- Future SCW funding requests are anticipated pending findings of TRP

Water Quality & Water Supply Benefits

- Opportunities to intercept, treat, reuse, and infiltrate dry- and wet-weather runoff will be determined during the Feasibility Study.
- Tributary area and volume capacity for the system will be determined during the Feasibility Study.
- Pollutant Reduction during dry- and wet-weather (bacteria and metals).
- Water Capture Volume will be determined during the Feasibility Study.
- Cost effectiveness to be determined during the Feasibility Study.

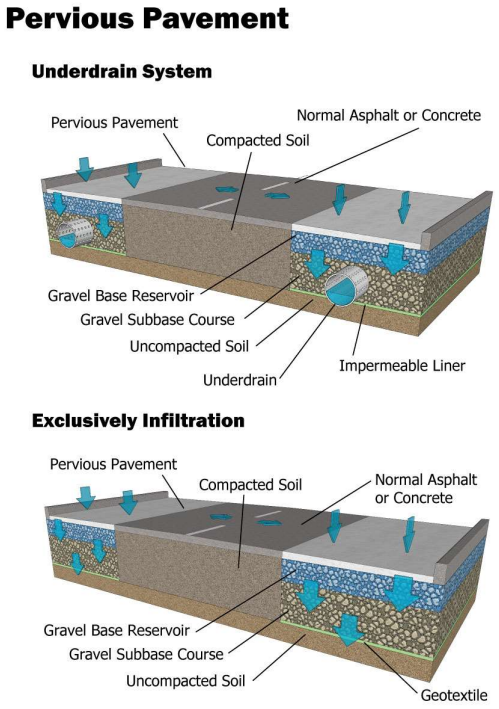


Community Investment Benefits and Nature Based Solutions



- Community Investment Benefits
  - Opportunities to enhance and restore park space and habitat; enhance new recreational activities; reduce heat local island effect; increase shade; and increase the number of trees, shade, and other vegetation at the identified project locations will be determined during the Feasibility Study.
- Nature Based Solutions
  - Opportunities to mimic natural processes by allowing the runoff to infiltrate into the ground, utilize natural materials such as soil and native vegetation to enhance recreational areas, and decrease impermeable areas will be determined during the Feasibility Study.

Leveraging Funds and Community Support



- Leveraging Funds
  - No leveraged funding are included during the TRP phase.
  - Leveraged funding for design and construction will be secured following the Feasibility Study.

Community Support

- Outreach and engagement were performed with the community as part of the City's Parks Master Plan project.
- Community organizations, residents, and businesses will be reached out to for inclusion in the planned outreach process.
- City will work with local community-based organizations and groups, throughout the design and implementation phase, to receive and incorporate feedback regarding the design.
- Outreach activities will start during the Feasibility Study.


Questions?
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Gerald Greene