



LYNWOOD PARK STORMWATER CAPTURE PROJECT FACT SHEET

DRAINAGE AREA CHARACTERISTICS

REGIONAL WATER MANAGEMENT PLAN	Lower Los Angeles River Watershed
TOTAL DRAINAGE AREA	955 AC Lynwood (36.8%) South Gate (63.2%)
INFILTRATION RATE	0.3 to 1.03 in/hr
APPROX. DEPTH TO GROUNDWATER	43 ft BGS
MODELED AVERAGE ANNUAL RUNOFF VOLUME	647 acre-ft/yr



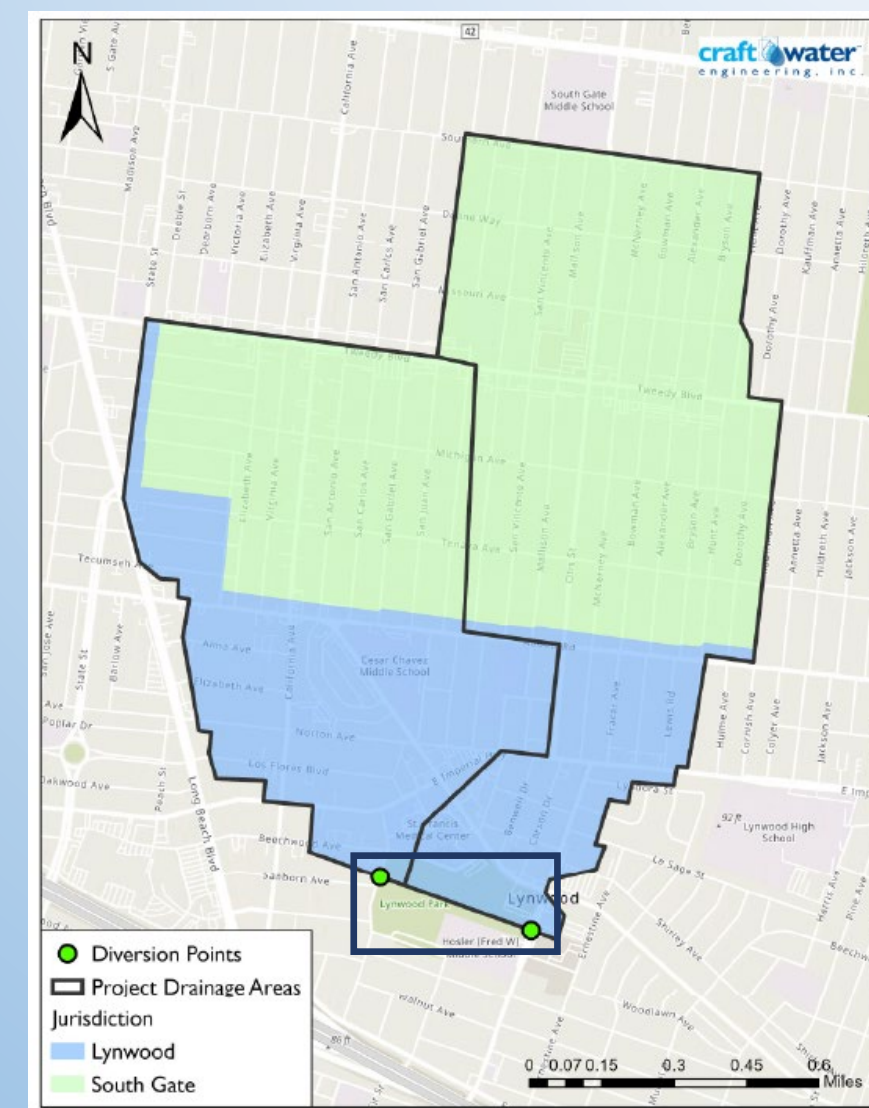
Soccer Fields



East Parking Lot



Bullis Road



PROJECT DESCRIPTION

LOCATION Lynwood Park, 11301 Bullis Road, Lynwood, CA 90262, (33.927929, -118.202117)

REGIONAL WATER MANAGEMENT PLAN Lower Los Angeles River Watershed

BRIEF DESCRIPTION

The Lynwood Park site is owned and operated by the City of Lynwood and is located within the Lower Los Angeles River watershed. The project seeks to improve water quality discharged to the Lower Los Angeles River and will restore and rehabilitate areas of the park. The project proposes two stormwater diversion structures from two branches of the LACFCD East Compton Creek storm drains. The water captured will be filtered by hydrodynamic separators and infiltrated into a 10.3 AF underground storage reservoir. Additional features include parking lot enhancements (native landscaping, permeable pavement, and bioswales), an ephemeral stream, and a butterfly garden.

The treatment drainage area for the project at 955 acres captures runoff from the jurisdictions of Lynwood and South Gate. This project has the potential to offer runoff storage and water quality benefits for these jurisdictions that can address the additional needs for stormwater management identified to achieve compliance in the WMP.

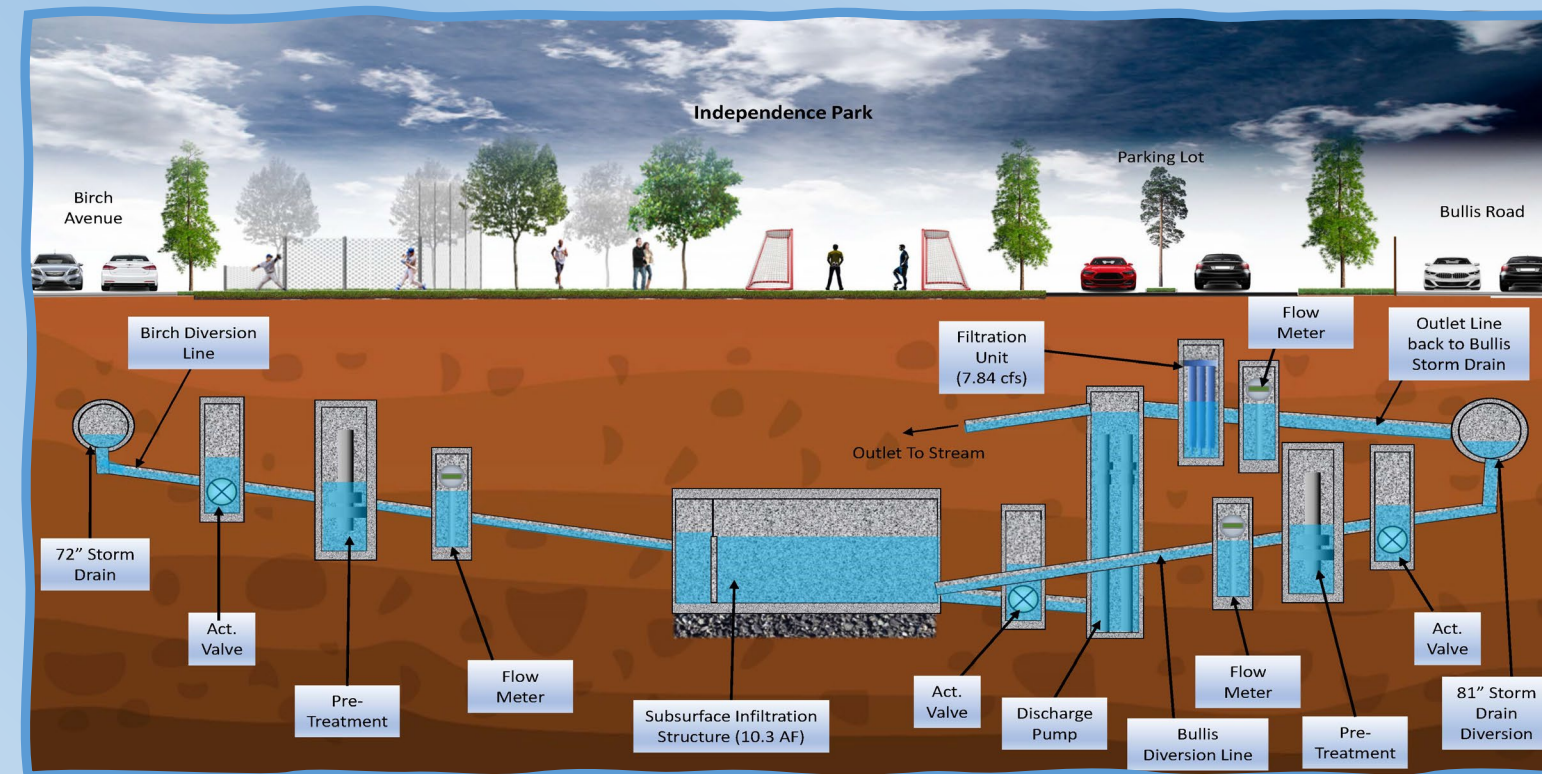
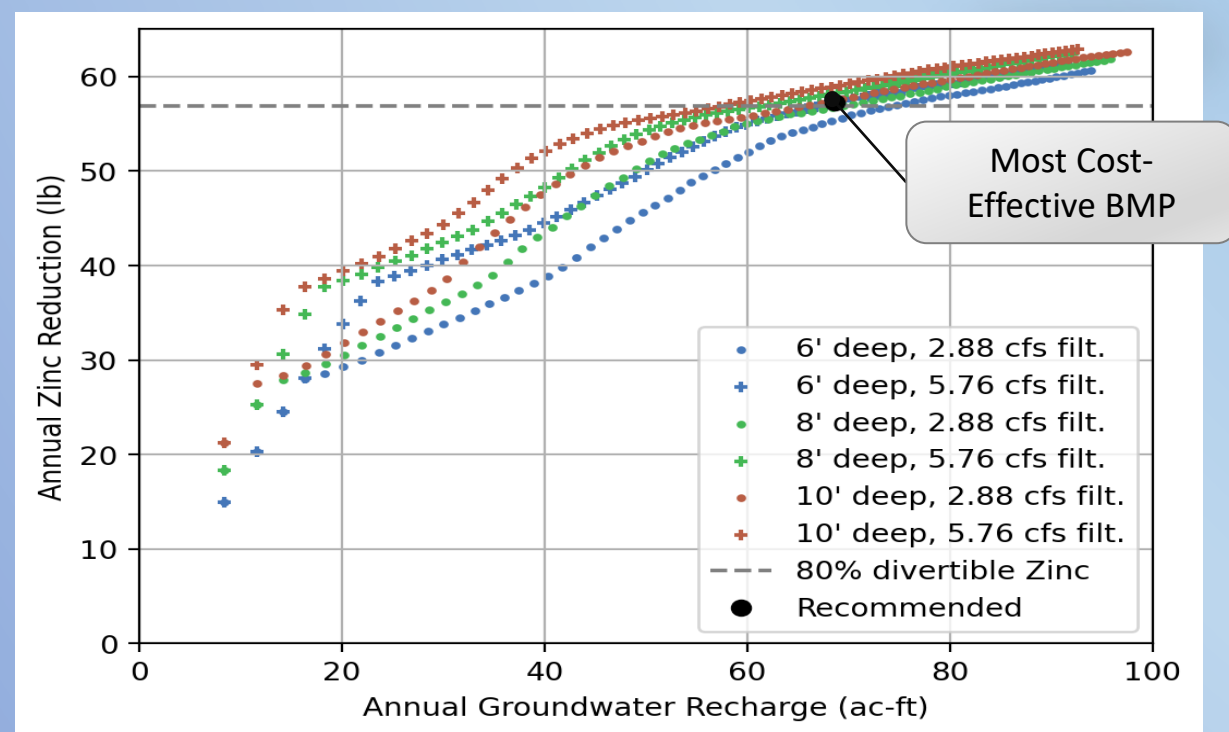




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WATER QUALITY IMPROVEMENT		
PRIMARY POLLUTANT (ZINC)	POLLUTANT REDUCTION	127 lb/yr (80%)
SECONDARY POLLUTANT (BACTERIA)	POLLUTANT REDUCTION	2.7 x 10 ¹⁴ MPN (98%)
DESIGN DIVERSION RATE		Birch Diversion: 20 cfs Bullis Diversion: 25 cfs
STORAGE CAPACITY FOR SUBSURFACE STORAGE STRUCTRE		10.3 acre-ft (3.35 MG)
24-HOUR CAPACITY		27.3 acre-ft
CONSTRUCTION COST ESTIMATE		\$19,632,446

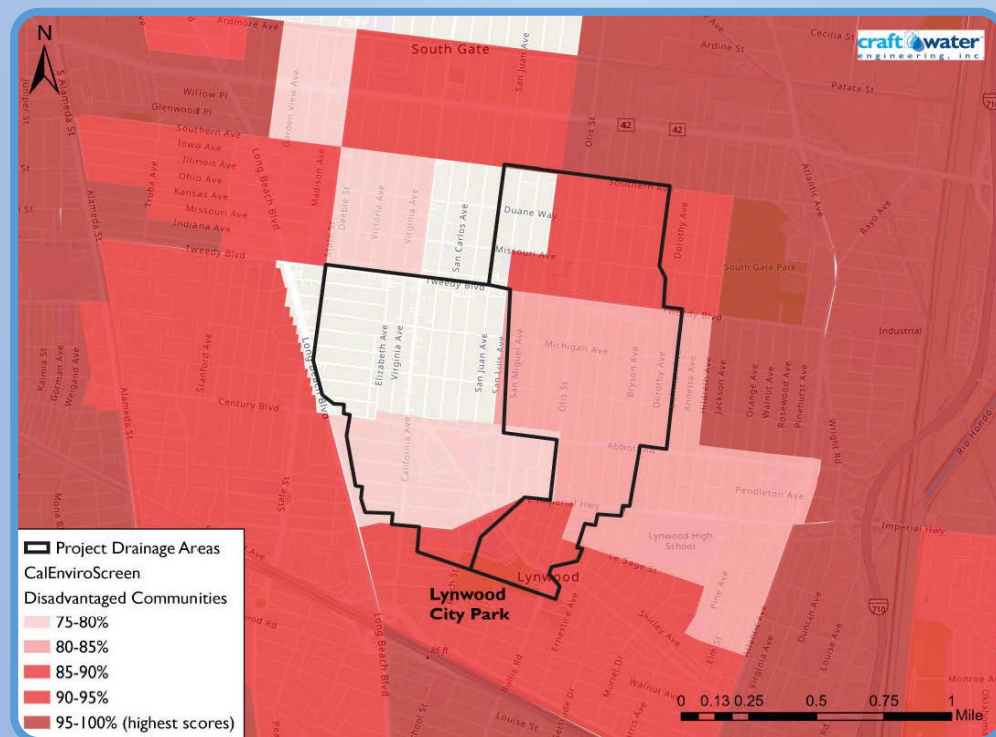




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DISADVANTAGED COMMUNITY MAP



COMMUNITY OUTREACH & SUPPORT



COMMUNITY INVESTMENT BENEFITS

Bioswale and Permeable Pavement



Reduce Heat Island Effect



Improve Water Quality



Improve Park Facilities



Improve Flood Management



Improved Public Access to Waterways



NATURE BASED SOLUTION

EPHEMERAL
STREAM AND
POND



PERMEABLE
PAVEMENT



BIOSWALE



NATIVE
VEGETATION





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SCHEDULE FUNDING BY YEAR

Year	SCW funding Request	Project Phase
Year 1	\$8,850,000	Construction
Year 2	\$8,000,000	Construction
Year 3	\$3,000,000	Construction
Year 4	\$2,350,000	Construction
Total	\$22,200,000	-

PRELIMINARY SCW SCORING

SECTION	Score
A.1 Wet Weather Water Quality Benefits A.1.1 Water Quality Cost Effectiveness > 1.0 AF/\$ Million A.1.2 Pollutant Reduction . 80%	20 30
B. Significant Water Supply Benefits B1. Water Supply Cost Effectiveness B2. Water Supply Benefit Magnitude	0 0
C. Community Investment Benefits Improved flood management Creation/enhancement/restoration of parks Reducing local heat island effect and increasing shade Enhanced/new recreational opportunities Increasing the number of shade/vegetation for carbon reduction Improved Public Access to Waterways	10
D. Nature-Based Solutions	12
E. Leveraging Funds and Community Support Strong local, community-based support	4
TOTAL SCORE	76