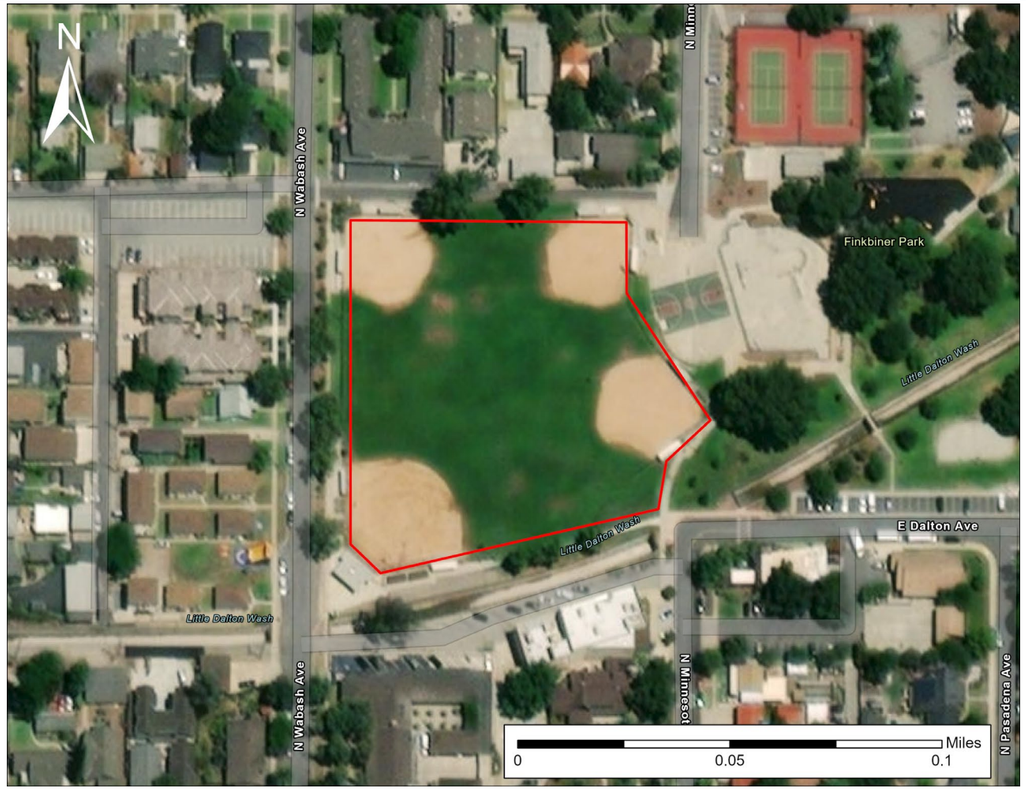
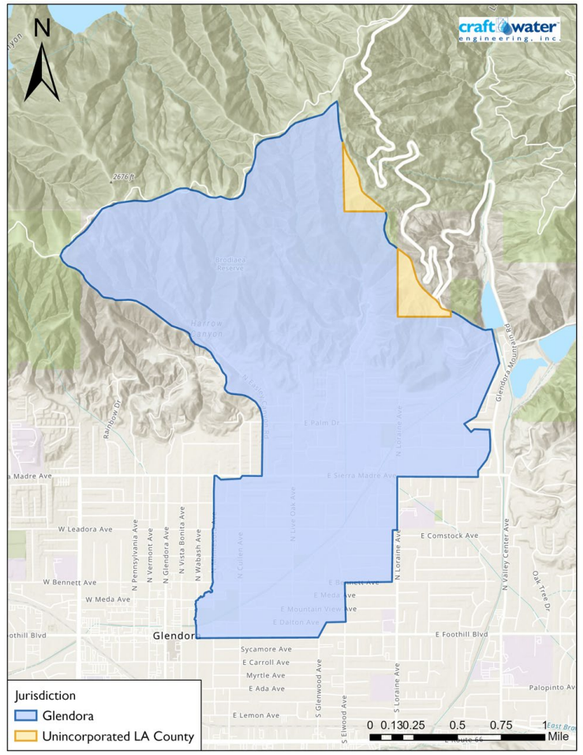
UPPER SAN GABRIEL RIVER WATERSHED GROUP, CITY OF GLENDORA
FINKBINER PARK STORMWATER CAPTURE PROJECT FACT SHEET

EXISTING SITE CONDITIONS



DRAINAGE AREA

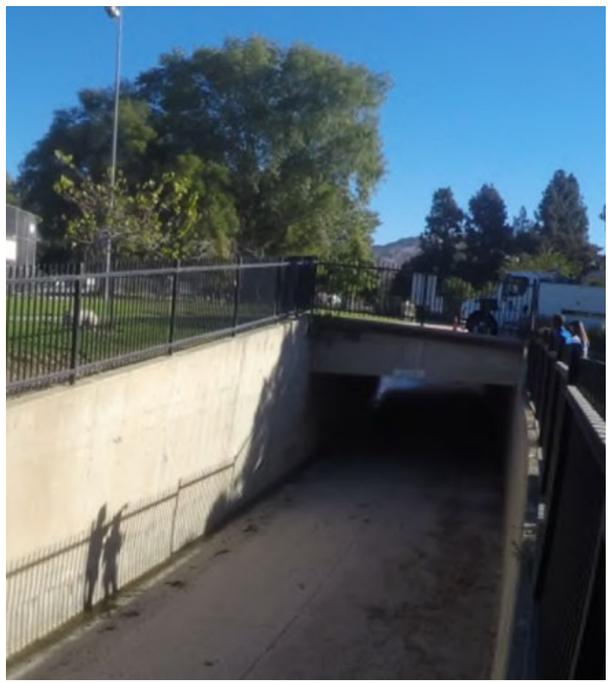


DRAINAGE CHARACTERISTICS

REGIONAL WATER MANAGEMENT PLAN	Upper San Gabriel River Watershed
TOTAL DRAINAGE AREA	**1,596 acres** Glendora(97.5%) Unincorporated LA County (2.5%)
INFILTRATION RATE	1.9 in/hr
APPROX. DEPTH TO GROUNDWATER	>70 ft BGS
MODELED AVERAGE ANNUAL RUNOFF VOLUME	851 ac-ft per year

Finkbiner Park Site, Northeast Baseball Field

Little Dalton Wash



BMP CHARACTERISTICS

LOCATION Finkbiner Park
160 N Wabash Ave, Glendora, CA

LAT: 34.137192
LONG: -117.862228

Proposed BMP Description: Finkbiner Park is an 11.46-acre, multipurpose recreational facility, located in the City of Glendora. It sits at the bottom of a 1,596-acre watershed that drains through the upstream storm drain system into Little Dalton Wash, which runs along the southern edge of the park. Finkbiner Park is improved with multiple facilities including four (4) grass and infield soil areas of 4 baseball fields, a basketball court, and concrete walking paths where the project is proposed. The site has the potential to provide significant water quality benefits for the City of Glendora due to the sizable drainage area, location of the adjacent storm drains, and available development space. The project includes a 65 cfs diversion from Little Eaton Wash and a 10 cfs diversion from MTD 1129. The diversions go to a pretreatment unit and then to the 19 ac-ft subsurface storage where it is then infiltrated into the subgrade. This project has the potential to offer runoff storage, water quality improvements, and water supply benefits for this drainage area that can address the additional needs for stormwater management identified to achieve compliance in the EWMP.

Project Benefits:

- **Water Quality** Improvement in the Upper San Gabriel River by removing trash, metals, and nutrients in stormwater and urban runoff
- **Park recreational enhancements** with maintaining a public play space, restoring park facilities and irrigation system for improved coverage
- **Public education** on local water supply and demands

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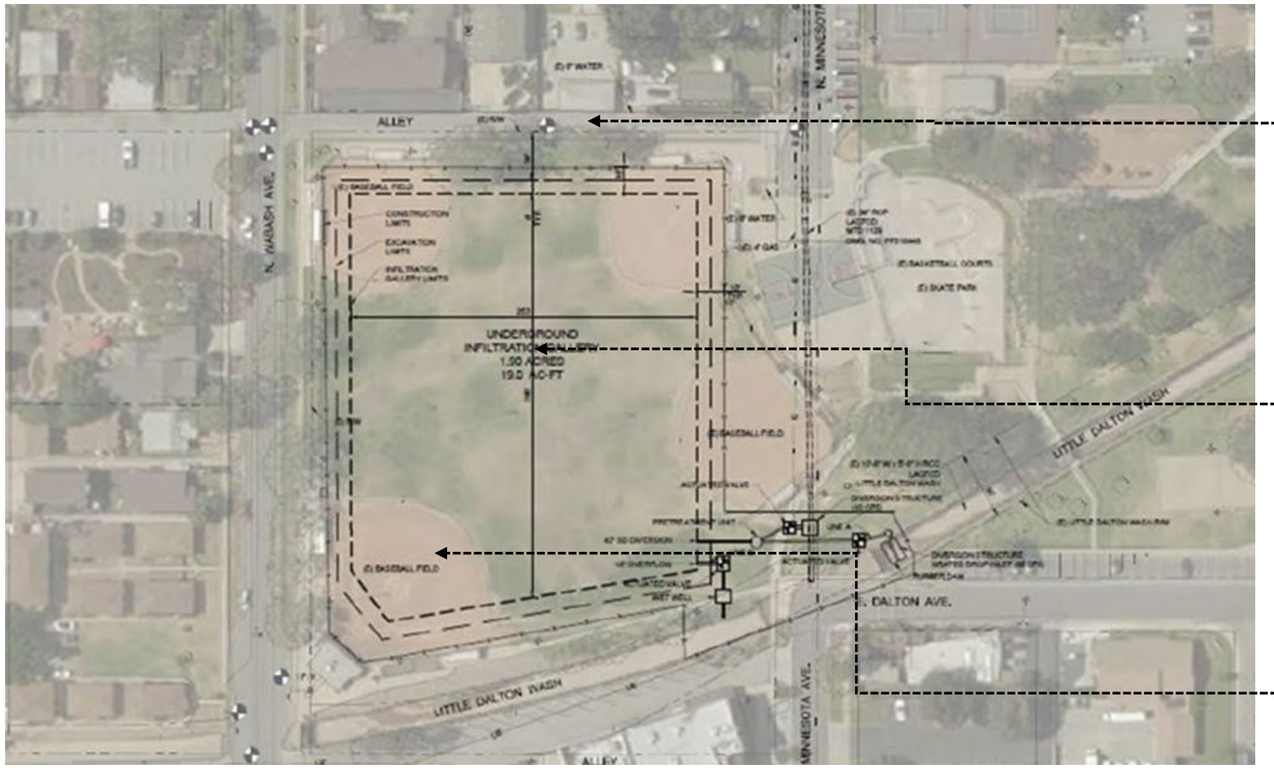
PROPOSED CONCEPTUAL SITE LAYOUT



Green Alley

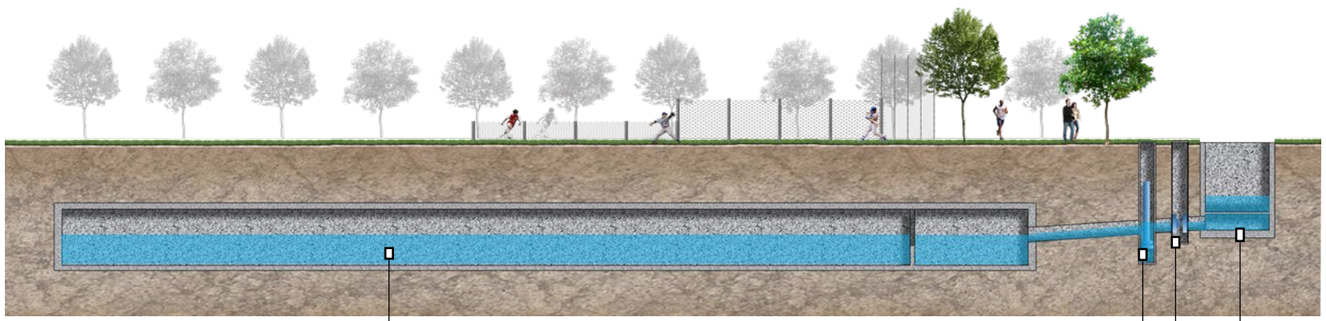
Pre-Cast Subsurface Infiltration Facility

New Baseball Fields

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 25
B. Significant Water Supply Benefits • B1. Water Supply Cost Effectiveness • B2. Water Supply Benefit Magnitude	3 12
C. Community Investment Benefits • Improved flood management • Creation/enhancement/restoration of parks • Improved public access to waterways • Enhanced/new recreational opportunities	5
D. Nature-Based Solutions	12
E. Leveraging Funds and Community Support • Municipal match = 25% • Strong local, community-based support	3 4
TOTAL SCORE	**84**

CROSS SECTION



PROJECT CHARACTERISTICS

<u>Primary Pollutant</u> Zinc Reduction Achieved (% Zn reduction)	159 lb/yr (81.5%)
<u>Secondary Pollutant</u> Bacteria Reduction Achieved (% Bacteria reduction)	1.24 x 10^{13}MPN (56.4%)
<u>Design Diversion Rate</u> Little Dalton Wash and MTD 1129	75 cfs
Storage Capacity for Subsurface Storage Structure	19.0 ac-ft
24-Hour Capacity	24.5 ac-ft
Construction Cost Estimate	$19,526,111

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