

#### DRAINAGE AREA CHARACTERISTICS

REGIONAL WATER MANAGEMENT PLAN	Upper San Gabriel River Watershed
TOTAL DRAINAGE AREA	<b>1512 AC</b> Glendora: (97.3%) Unincorporated LA County: (2.7%)
INFILTRATION RATE	1.2 in/hr
APPROX. DEPTH TO GROUNDWATER	100 ft BGS
MODELED AVERAGE ANNUAL RUNOFF VOLUME	266 acre-ft



# **PROJECT DESCRIPTION**

LOCATION Finkbiner Park, 160 North Wabash Ave, Glendora, CA 91741, (34.13786, -117.86044)

**REGIONAL WATER MANAGEMENT PLAN** Upper San Gabriel River Watershed

#### **BRIEF DESCRIPTION**

Finkbiner Park is owned and operated by the City of Glendora and has been identified as a key Regional Project in the Upper San Gabriel River Enhanced Watershed Management Program (USGR EWMP). Runoff within this corridor drains through the upstream storm drain system, into the Little Dalton Wash, and ultimately the San Gabriel River. The proposed project includes a 20 CFS diversion from Little Dalton Wash and a 5 CFS diversion from MTD 1129. The diversions go to a pretreatment unit and then to the 5.28 ac-ft subsurface storage where it can be pumped through a recirculation stream and eventually either infiltrates or exits through a 5.76 CFS filter system back into Little Dalton Wash. The project seeks to improve the water quality of stormwater runoff flows conveyed through capture, storage, and filtration before returning flows back to the Little Dalton Wash.











<b>POLLUTANT (ZINC)</b> LUTANT REDUCTION	102.00 lb/yr (91.4%)
NDARY POLLUTANT (LEAD) LUTANT REDUCTION	15.53 lb/yr (86.7%)
IN DIVERSION RATE	25 CFS
AGE CAPACITY FOR SURFACE STORAGE STRUCTRE	5.28 acre-ft (1.72 MG)
24-HOUR CAPACITY	18.81 acre-ft
INSTRUCTION COST ESTIMATE	\$18,376,246



### **DISADVANTAGED COMMUNITY MAP**

# **COMMUNITY INVESTMENT BENEFITS**













# NATURE BASED SOLUTION







SCHEDULE FUNDING BY YEAR		
Year	SCW funding Request	Project Phase
Year 1	\$6,152,082	Construction
Year 2	\$6,112,082	Construction
Year 3	\$6,112,082	Construction
Year 4	\$310,800	O&M + Monitoring
Total	\$18,687,046	-

# PRELIMINARY SECTIO A.1 Wet We A.1.1 Water Quality Cost Effe A.1 B. Signi B1. Wat B2. Wat C. Cor Creation/enha **Reducing local heat island** Enhanced/ne Increasing the number of shade/veg E. Leveraging Fu Strong loca

TOTAL SCO





SCW SCORING		
Ν	Score	
eather Water Quality Benefits ectiveness > 1.0 AF/\$ Million .2 Pollutant Reduction . 80%	20 30	
ificant Water Supply Benefits ter Supply Cost Effectiveness ter Supply Benefit Magnitude	0 0	
mmunity Investment Benefits Improved flood management ncement/restoration of parks I effect and increasing shade w recreational opportunities getation for carbon reduction	10	
D. Nature-Based Solutions	10	
Inds and Community Support al, community-based support	4	
ORE	74	