

February 8, 2022



Upper Wildwood Creek Basin Project

The Upper Wildwood Creek Basin Project site is identified in the City's Master Plan of Drainage (MPD) as a suitable location for a local detention basin facility to support the Wildwood Creek drainage system. The proposed basin project is located south of Wildwood Canyon Road and just east of Oak View Drive in the City of Yucaipa. This segment of the creek has little or no channel improvements, resulting in compromised slopes that continue to erode and deteriorate during and after significant storm events. This naturally occurring event has unfortunately led to damages in the surrounding open space environment (Exhibit A).

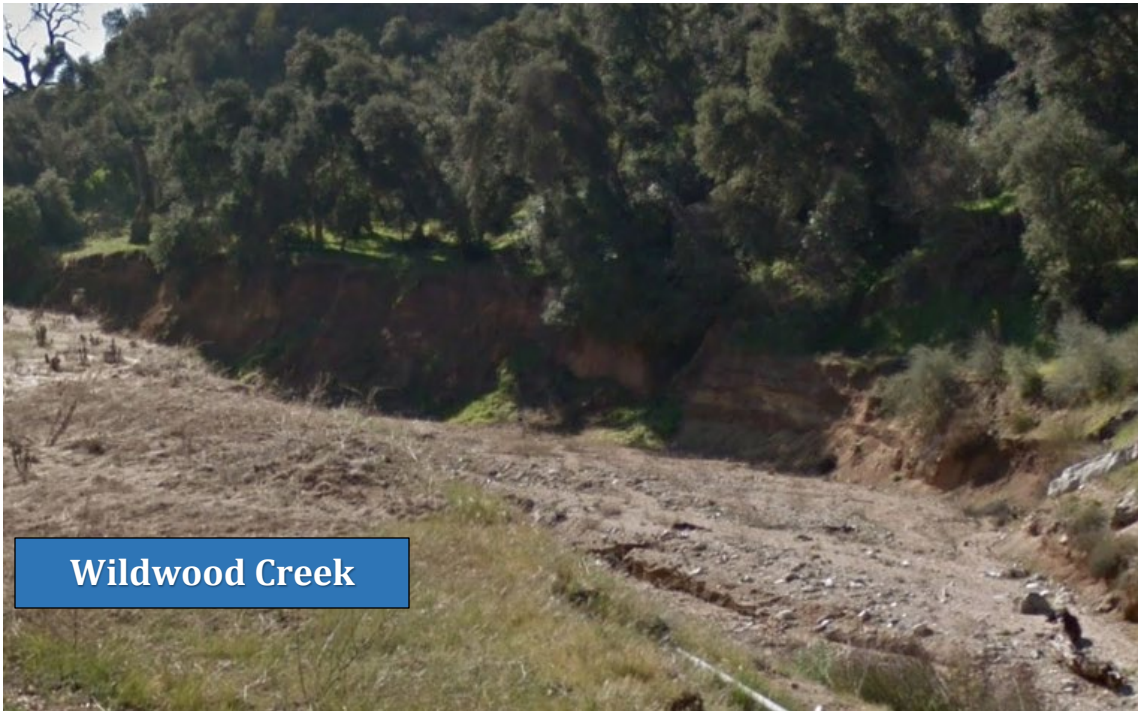
This proposed basin project will not only benefit the surrounding environment by implementing measures to increase erosion and flood control protection within the area, it will also facilitate groundwater recharge opportunities, improve downstream water quality, and together with other channel improvements and basin projects constructed in recent years, help to protect downstream public and private properties from flooding. The proposed project design is a flow-through retention/detention system; meaning the basin will temporarily store a specified volume of stormwater runoff before it begins to discharge the stormwater at a controlled rate. This proposed basin will have an estimated stormwater capacity of 25 acre-feet (8.1 million gallons) and is anticipated to capture and recharge approximately 250 acre-feet of stormwater during an average rainfall year. The proposed project improvements will help mitigate erosion and flooding along Wildwood Creek which will support the City's work to promote and protect the environmental restoration and enhancements for the existing habitat which consist of native shrubs and mature Oak Trees. Upon completion of this project, the basin will allow for residents and visitors the opportunity to utilize the open space and multi-purpose trail systems available in the Wildwood Canyon area (Exhibit B).

In FY 21/22 the City has allocated \$504,000 in CIP funding for the design and environmental work. The estimated construction cost is \$3.3 million and the City is respectfully requesting \$1.8 million in Federal funding.

Exhibit A



Wildwood Creek



Wildwood Creek

Exhibit B

