

Notice of Section 401 Application Reception

File Number: 362023-08

Project Name: Chris Basin Maintenance and Bacteria Reduction

Received: 1/26/2023

Date Posted: 2/23/2023

End of 21 Day Public Comment Period: 3/16/2023

Project City: Ontario

Project County: San Bernardino

Applicant Organization: San Bernardino County Flood Control District

Applicant Name: Anthony Pham

Waterboard Staff: TBA

Brief Description of Project:

Project Description: All activities are for the purpose of maintaining channel function and flood design capacity, which is frequently compromised by heavy storm flows and non-native vegetation growth.

Project Activities: Routine maintenance activities would include the removal of debris, vegetation, and sediment from the basin through mechanical methods using heavy equipment to restore the original design of the basin. Additionally, sediment removed from the basin floor might be used to restore basin slopes to their existing design condition. Concrete structures within Waters of the State would be maintained or replaced in-kind. A pilot project to reduce bacterial levels within Chris Basin and downstream receiving waters is on-going as part of the Project. The pilot project redirects the low-flow channel of the basin along the toe of the southeast levee in an effort to increase the duration of the flows retained in the basin. The revised low-flow channel continues to outlet to Cucamonga Channel; however, the existing outlet gate would be kept in the three-quarter closed position to further promote reduction of bacterial counts by allowing water to pond to increase the exposure to ultraviolet light before discharging to Cucamonga Channel.