

Notice of Section 401 Application Reception

File Number: 302022-01

Project Name: Carbon Creek Diversion Channel Project

Date Application Posted: 3/04/2022

Received: 2/28/2022

Project City: Anaheim

Project County: Orange

Applicant Organization: Orange County Public Works

Applicant Name: James Volz

Waterboard Staff: TBA

Brief Description of Project:

Project Description: The purpose of the project is to provide protection to the earthen channel banks and prevent bank washouts that could undermine structures of adjacent properties. There has been severe toe erosion of both slopes of the earthen channel that has resulted in failure of the maintenance roads on either side of the channel.

Project Activities: The total project length is 3600 feet; however, approximately 1000-ft of the west bank already has full rock lining that will be removed and replaced resulting in a total project limits of existing earthen bank to receive riprap of 2600 feet on the west bank and 3600 feet on the east bank. The riprap must be placed on the entire height of the bank since the bank is frequently sloughing onto the channel floor. There are existing maintenance roads adjacent to both sides of the channel bank from which to complete the work. There is not expected to be a need for heavy equipment to enter the channel other than the bucket of the excavator; however, it may be required to use a bulldozer or another type of heavy equipment in the invert of the channel and on the slope to perform final grading and compaction in order to receive the riprap. The excavator can remain parked on the maintenance road but could also be required inside the channel. This project will not alter the elevation of the invert of the channel and the invert will remain earthen.