

Notice of Section 401 Application Reception

File Number: 302024-09

Project Name: Atwood Channel Maintenance Improvement

Received: 4/16/2024

Date Posted: 4/23/2024

End of 21 Day Public Comment Period: 5/14/2024

Project City: Anaheim

Project County: Orange

Applicant Organization: Orange County Department of Public Works

Applicant Name: Giles Matthews

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 further bank washouts that could undermine adjacent infrastructure. The proposed project consists of riprap lining of the banks of several sections of Atwood Channel between slightly downstream of North Miller Street and the confluence of Richfield Channel to slightly downstream of South Jefferson Street in the City of Anaheim. The reach is approximately 3,800 linear feet, with approximately 78% of the channel already riprapped on either bank. The channel was designed as a trapezoidal open channel. The channel bottom has a width of 20 feet, and the channel invert has a westerly-descending gradient of 0.2%. The channel bank has a height ranging from 8 to 13 feet, and a typical side slope of 1.5 horizontal to 1 vertical.

Project Activities: The proposed repairs for the channel rehabilitation include armoring of the existing eroded earthen slopes with riprap slope lining. Approximately 1,000 linear ft and 700 linear ft of earthen channel will be riprap lined on the left and right sides of the channel, respectively. Additional like-for-like maintenance of existing riprap will be performed as a supplemental effort to project activities covered under this permit application. The channel invert will remain earthen/gravel.