

## **Notice of Section 401 Application Reception**

**File Number:** 332022-02

**Project Name:** Santa Ana River Stream Habitat Improvement Pilot Project

**Date Posted:** 2/18/2022

**Received:** 2/01/2022

**Project City:** Jurupa Valley

**Project County:** Riverside

**Applicant Organization:** Riverside County Parks and Recreation

**Applicant Name:** Heather Dyer

**Waterboard Staff:** KF

### **Brief Description of Project:**

Project Description: Habitat restoration of in-stream native fish habitat. The purpose of the stakes is to cause turbulence downstream and between each stake to flush finer sediments from coarser sediments, coarsening the substrate and enhancing it for native fish use. Over subsequent months we will monitor changes to the streambed to track project functionality and assess if larger projects are warranted in the Santa Ana River. No handling of wildlife is proposed to occur and activities within the river will occur away from any native fish habitats that may be occupied.

Project Activities: The project location will be subdivided into up to 45 discrete subproject features, of which each will be approximately 50 square feet (10 feet by 5 feet) in size. The intent will be to create small patches of enhanced streambed that native fish will be able to utilize and move between. The total project area is equal to the cumulative area of all the discrete patches (45 x 50 square feet = 2,250 square feet or 0.05 acres and 45 x 10 feet = 450 feet of stream length). No temporary impact areas are anticipated to be created within terrestrial habitats with implementation of this project. The cumulative area of the stakes imbedded in the stream sediment may be considered a temporary impact (approximately 25 square feet for 500 stakes), as well as the foot traffic within the stream. Any impacts to the aquatic habitat are anticipated to be very short-lived with habitat enhancement features to immediately benefit from the placement of the large woody debris.