

Notice of Section 401 Application Reception

File Number: 362021-04

Project Name: Lytle Creek Diversion and Intake Facility Project

Date Application Date Posted: 5/25/2021

Received: 5/18/2021

Project City: Unincorporated Fontana

Project County: San Bernardino

Applicant Organization: Fontana Union Water Company

Applicant Name: Josh Swift

Waterboard Staff: CNT

Brief Description of Project:

Project Description: The Lytle Creek Diversion and Intake Facility consists of four components: concrete spillway, earthen berm, soft plug, and settling pond. The concrete spillway is located near the western bank of Lytle Creek at the southern terminus of the earthen berm that transverses from the spillway across the remainder of the creek in a northerly direction. When surface water reaches the intake facility, it is diverted by the earthen berm into the settling pond where it is allowed to collect and settle. A 'soft plug' is located on the northern end of the earthen berm and is intended to erode when stream flows exceed 1-foot in depth over the concrete spillway, which is also known as the 75-foot weir. There are also two main work zones: an area upstream from the sediment pond where excavated substrate may be placed (termed herein as 'Stabilization Site') and another downstream from the earthen berm where sediment and native vegetation will be managed (termed herein as 'Habitat Rehabilitation Area').

Project Activities: The Lytle Creek Diversion and Intake Facilities Routine Maintenance Project (project) includes two regular and ongoing maintenance projects: 1) removal of accumulated sediment from the settling pond, and 2) reconstruction of the earthen berm and soft plug. Excavated sediment will be used to reconstruct the earthen berm and soft plug and will be placed downstream to mimic natural sediment transfer within the Habitat Rehabilitation Area. If the settling pond has sediment beyond contouring needs of the earthen berm, soft plug, and Habitat Rehabilitation Areas, the remainder of natural sediment will be staged at the Stabilization Site for drying and future use. Routine maintenance will occur as needed to clear storm debris and sediment, repair erosional damage to the soft plug or earthen berm, and recontour the Lytle Creek Diversion and Intake Facilities to capture stream flow.