

Notice of Section 401 Application Reception

File Number: 332024-14

Project Name: Green Tree Project

Received: 7/11/2024

Date Posted: 7/17/2024

End of 21 Day Public Comment Period: 8/07/2024

Project City: Unincorporated (near El Sobrante north of Lake Mathews)

Project County: Riverside

Applicant Organization: Adkan Engineers

Applicant Name: Mitch Adkison

Waterboard Staff: TBA

Brief Description of Project:

Project Description: The purpose and goal of the Project is to construct a residential community of approximately 163 single-family homes and associated infrastructure on approximately 95 acres of land in unincorporated Riverside County. The Project would also include the construction of two road crossings in order to provide access to the residential community as well as an emergency ingress/egress access road.

Project Activities: The Project will subdivide approximately 95.19 acres into 163 single-family residential lots. The Project has been designed to avoid and protect the drainage courses along the northerly, easterly, westerly boundaries and a portion of the southerly boundary, impacting those drainage areas only where needed to provide access and utilities as described below. The Project has also been designed to protect the existing ridgeline to the south of the Project. Project amenities include a 2.14-acre park site and approximately 0.83-mile of public trails. The Project also includes three dual-use water quality and storm detention basins to treat site runoff before discharging to the pre-existing flow paths at the drainage courses along the Project perimeter.

The first of the two road crossings noted above connects at the offsite Street A, which is the Project's main point of connection to El Sobrante Road. At the crossing, Street A is 44-foot pavement from curb face to curb face, and 66-foot right of way, in accordance with Riverside County Standard 104. This crossing will result in impacts to a drainage located within the southwestern portion of the Project site, referred to herein as Drainage B. The crossing will include a headwall at the upstream end collecting drainage flows from the east side of the drainage course into a 72-inch reinforced concrete pipe culvert. The pipe culvert will be approximately 198 linear feet and will discharge flows downstream through a headwall to a rip rap pad for velocity dissipation

to the downstream end of the drainage course on the west side of the road. This culvert crossing has been sized for an anticipated approximately 633 cubic feet per second (CFS) in the 100-year rational storm event.

The second of the two road crossings will occur at the north side of the Project through an emergency ingress/egress access road to the existing Travertine Avenue. This crossing will result in impacts to the drainage located within the northern-most portion of the Project site, referred to herein as Drainage A. The crossing at Drainage A will allow for emergency access (ingress and egress) from the proposed Project to Travertine Drive at the north end of the Project site, and is a requirement of the Riverside County Fire Department. This crossing receives an anticipated approximately 303 CFS from the upstream east side of the culvert during the 100-year rational storm event. Flows will be collected through an inlet headwall and through a 72-inch reinforced concrete pipe culvert approximately 158 linear feet. The pipe culvert will outlet to the downstream, west side of the culvert over an energy dissipating rip rap pad which will flow to the natural drainage course (referred herein as Drainage A). The emergency access road includes 24 feet of pavement and a multipurpose access trail. Project site plans and the culvert detail exhibit are included as Exhibit 3.