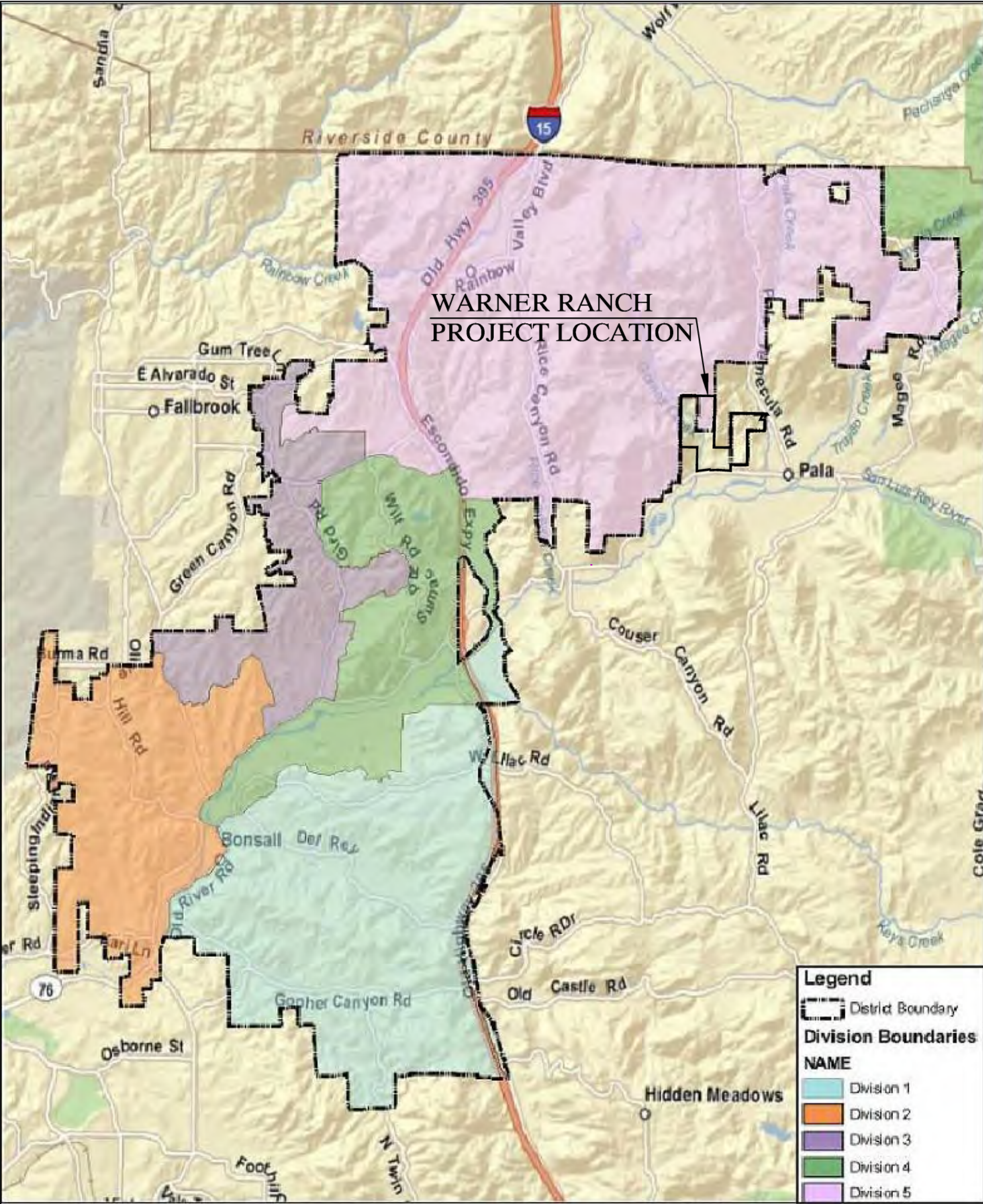


RAINBOW MUNICIPAL WATER DISTRICT DIVISION BOUNDARIES



SOURCE: RAINBOW MUNICIPAL WATER DISTRICT

Figure 4.3 - RMWD Districts Map



to existing facilities and additional facilities necessary to support the project needs.

The WSA report will be incorporated into the project EIR as a Water Supply Assessment report consistent with the requirements of the legislation enacted by SB610. The District may ultimately cite the approved WSA Report as evidence that a sufficient water supply is available to serve the project inclusive of its defined mitigation measures.

A Water Supply Assessment (WSA) has been prepared for the Warner Ranch project and is attached as Appendix A-3.

### **Water Supply and Infrastructure Analysis**

Presently, the only source for potable water for the project area is groundwater from several existing wells. Warner Ranch is located within the Rainbow Municipal Water District sphere of influence as illustrated on Figure 4.2. Since the District is a member agency of the San Diego County Water Authority and provides both water and sewer services. Water and sewer service will therefore be provided to Warner Ranch by the District. The Warner Ranch project will initiate annexation into the District once the project is approved and receives all required environmental clearances. The District has provided a 399W Facility Availability for Water to memorialize their ability to convey water to the project area which is attached as Appendix A.1. In addition, a Water Supply Assessment (WSA) has been prepared for the project and is attached as Appendix A.3.

*Project Water Demands* - Projections for the proposed development are based on the number of residential dwelling units, land area or building size and corresponding unit demand factors for specific land use types from the District Domestic Water and Sanitary Sewer Construction Standards Manual Projected water demands based on the water use factors and proposed development plan for Warner Ranch. As such, the total average day water needs are projected for be 0.464 MGD (519 acre-feet per year)

The projected water demand for Warner Ranch is equivalent to 927.3 equivalent dwelling units (EDUs) of water demand based on one EDU equaling one single family residence with a demand of 500 gpd.

*Wells* – As mentioned the subject property is currently serviced by 5 wells (See Figure 4.4). These wells have historically provided water needs for the existing residences and the site's agricultural uses. These wells will be retained.