



11.8 Million Gallon Water Reservoir

Client: Jurupa Community Services District

CHJ performed grading observation, compaction testing, materials testing, and special inspection services for Jurupa Community Services District's new \$14 million water reservoir in the *Sunnyslope Area*. The 11.8 million gallon concrete water DYK reservoir was located on a 65 acre site next to an old reservoir. Excavation removed 135,000 cubic yards of rock and dirt, some of which was used for backfill. The testing services for this project included conducting a geotechnical investigation, grading observation and compaction testing services, concrete and steel tests for strength and durability, and a rippability test to assess the need for blasting before construction. The results led to appropriate geologic and geotechnical engineering recommendations for design and construction of the reservoir. ○

