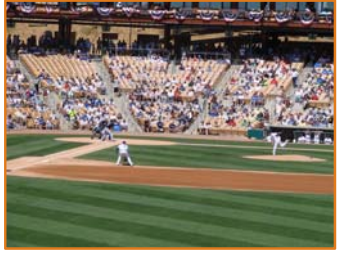


# CAMELBACK RANCH SPRING TRAINING FACILITY

*Glendale, Arizona*



Camelback Ranch Spring Training Facility is a 151-acre joint-venture project between the City of Glendale, Arizona, and the Los Angeles Dodgers and Chicago White Sox of Major League Baseball. The facility sparked controversy and significance in baseball history by moving the LA Dodgers from the Grapefruit League in Florida to the Cactus League in Arizona.



Aqua Engineering provided complete irrigation system design and engineering services for 60 acres of landscaped area outside of the facility's playing surface fields. The facility features twelve practice fields (six for each team) and one spring training exhibition stadium. As requested by the White Sox's sports turf manager, Aqua Engineering coordinated with specialized consultants to provide the required valves, control systems, and lateral pipe service connections for the practice field irrigation systems.



The sports fields and landscaped areas of the site are irrigated with a reclaimed water source. This source is supplied to an irrigation storage lake, which is located between each team's set of practice fields. Aqua Engineering utilized in-house plan and profile engineering techniques to design the low-pressure, gravity-fed service line from the reclaimed water source point-of-connection to the lake. Our engineers also coordinated with the Maricopa County Environmental Service Department (MCESD) to provide the documentation necessary for approvals on the reclaimed water source.



The lake also serves an aesthetic purpose and includes recirculating water feature mechanical systems designed by Aqua Engineering. We also provided design/engineering services for aeration system, liner/edge treatment of the lake, and irrigation pumping system with wet well, intake piping, and filtration. The irrigation and water feature pumping systems are located on a single skid. Construction observation services were provided throughout the construction and installation process.

