



Main Street WTP Orange Street Reservoir Upgrade

Project Owner: JEA

Client: Black & Veatch

Markets: Municipal, Utilities

Project Profile:

MAE provided geotechnical engineering for the design of a 3MG, 150-foot diameter tank structure supported on 16-inch Continuous Flight Auger (CFA) piles. Tasks included concrete coring and SPT borings 65 to 80 feet in the proposed tank associated structure areas. Allowable compressive, uplift and lateral pile capacities were determined. Construction recommendations were prepared including installation sequencing, quality control and pile load and installation specifications. During construction, MAE provided monitoring of test pile installation and dynamic pile load testing (Statnamic).

Services: Geotechnical Engineering, Construction Engineering Inspection

