

Water Supply and Treatment Services

CES strives to assist municipal and private utilities in the unique challenge of providing safe drinkable water. A number of variables such as population, drought, restricted withdrawal from available water resources and source contamination are just a few of the parameters that are considered in achieving technical, financial and legal solutions to the supply of safe drinking water.

CES designed, specified and provided bidding assistance and construction management for renovations to the North Camden Water Pump Station. This existing 40-year old water booster station serves a major portion of Camden City and was upgraded to handle a fire flow demand of 2,800 gallons per minute.

Mechanical improvements included replacement of split case centrifugal pumps. Old valving and pneumatically operated switches were replaced with new solid state electric operators. Additionally, upgrades of the adjacent 5 million gallon at-grade storage tank's cathodic protection system, monitoring system and to the City's SCADA system were performed.

Electrical improvements included retrofitting the entire interior electrical system including MCC, control panel and telemetering, replacing interior wiring, conduits and grounding, design of a new 480V – 3 phase natural gas standby generator with an automatic transfer switch, and replacement of all interior and exterior lighting.



consulting engineer services

Engineers, Planners, and Land Surveyors

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Surrounding Area Since 1964*