

ARTESIAN WATER COMPANY



Soil scientist at work

The Artesian Water Company is the oldest and largest public water utility in the state of Delaware. They are currently planning for the future sanitary wastewater needs of the growing northern Sussex regional area, including contract wastewater management to serve the Town of Georgetown, DE and the proposed Villages of Elizabethtown, which includes up to 4,000 new single family dwellings and townhomes. Artesian Water Company demands high quality engineering support, competitive pricing, and quick turnaround. Therefore, Brickhouse Environmental is thrilled to have been selected as an important partner in their long term growth plans.

To prepare for this growth, a community spray irrigation system is being planned and designed that will ultimately be capable of returning up to 7 million gallons of renovated wastewater to Delaware's important groundwater aquifers every day! The plan is a victory for both Delaware citizens and the environment alike.

Brickhouse Environmental's initial role was to conduct a detailed soils investigation encompassing approximately 1,600 acres of land. This data was used to prepare a Site Investigation Report (SIR) documenting the soil capacity to absorb the renovated wastewater. Throughout the investigation, Brickhouse Environmental worked closely with the Delaware Department of Natural Resources and Environmental Control (DNREC) in-house soil scientists to ensure that all work would meet DNREC's expectations for providing the high quality professional soil science data needed to support this major infrastructure project.

Mr. Brian C. Carbaugh, P.E., Director of Engineering Design for Artesian Resources stated, "We appreciate Brickhouse Environmental's ability to assemble a team of professionals that can deliver on their promise to get the job done on time and within our budgetary constraints."



Soil drainage testing



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