

Houston Run Community Water System

Salisbury Township, Lancaster County, Pennsylvania



Project Description:

Designed by ELA Group, Inc., Houston Run is an emerging 124-acre mixed-use development comprised of commercial, industrial, and residential uses. Because the development is not served by public water facilities, a Community Water System was created to provide a source of water for domestic use and fire protection. The major components of the System include two permitted wells, ion-exchange water softening units, chlorine disinfection, a 24' (D) X 72' (H) 250,000-gallon bolted-steel storage tank, two miles of distribution piping, pump station with variable speed drive pumps, and backup generator.

Our client's aggressive schedule called for the Community Water System to be operational by the Grand Opening of its "Family Center of Gap". Consequently, the construction, testing, and activation of the tank, pump station, distribution mains, and electrical systems were accomplished in a relatively short, three-month period of time. The System is currently permitted as a Public Water System by the PA Department of Environmental Protection (DEP).

Client / Contact

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Professional Services Provided

- Athletic Fields
- Bid Phase Administration
- Comprehensive Plan / Study
- Construction Administration
- Construction Documents
- Construction Management
- DCNR Grant
- Erosion & Sedimentation Control
- Feasibility Study
- General Structures (design)
- General Structures (repairs)
- GIS Consulting
- Highway Occupancy Permitting
- Hydraulic Study
- Inspections / Observations
- Land Development Plan
- Master Planning
- Miscellaneous Permits
- Miscellaneous Study
- Ordinance Reviews
- Plan Review
- Planning Module
- Playground Design
- Potable Water Design
- Recreation Study
- Retaining Wall Design
- Roadway Improvements
- Sanitary Sewer Design
- Signal Permitting
- Sketch Plans
- Stormwater Improvements
- Stormwater Management
- Subdivision
- Topographic Survey & Boundary
- Traffic Impact Study
- Water Distribution Design
- Wetlands
- Zoning

Exploring Possibilities....

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