


## NEW CASTLE SANITATION AUTHORITY SHENANGO TOWNSHIP EXTENSION

The New Castle Sanitation Authority is extending its collection and conveyance system further into Shenango Township. This project involves the design of approximately 220,000 feet of low-pressure sewers, force mains, and gravity sewers. It also includes the design of three new lift stations and upgrades to two existing lift stations. With the completion of this project, the New Castle Sanitation Authority will provide sanitary sewer services to more than 12,000 households in the New Castle Area.

RAR provides engineering services that include the coordination of wetland delineation, consideration of Pennsylvania Natural Diversity Inventory species, multiple Pennsylvania Department of Environmental Protection Permits including Exceptional Value waterways, correspondence with municipalities and other project stakeholders, preliminary and final engineering design, preparation of specifications and estimates, and all survey services for this \$15 million sanitary sewer project.



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### PROJECT HIGHLIGHTS

- Construction of 220,000 feet of Sanitary Sewer Lines
- Construction of Three Sanitary Sewer Lift Stations and Upgrade to Two Existing Lift Stations
- Pennsylvania Infrastructure Investment Authority Funded Project
- DEP, PennDOT, and County and Permitting
- Coordination of CDBG Assistance with Tap-In Fees
- Oversee the acquisition of more than 700 easements for the project

### PROJECT DETAILS

LOCATION: Shenango Township, Lawrence County, PA

CLIENT: New Castle Sanitation Authority

DATE OF COMPLETION: Proposed March 2019

PROJECT COST: \$15 Million