



Site/Infrastructure Planning

Project Development and Financing

Client

USACE/Huntsville District

Location

Fort Campbell, KY, USA

Fort Campbell Water and Wastewater Utility Privatization

Project Highlights

CH2M HILL is accepting full ownership and liability for the Government-owned water and wastewater utility systems at Fort Campbell. This effort encompasses several areas of responsibility, including:

- Systems O&M, as well as repairs, expansion, upgrades, and improvements necessary to ensure safe, reliable, and dependable service to the government and its tenants at the base
- Funding and implementing any capital investments necessary to meet operational requirements in accordance with applicable local, state, and federal codes
- Environmental and regulatory compliance

Project Description

The privatization work is being implemented in two phases. Phase I involved detailed system inventory, valuation, condition assessment, and deficiency identification. As part of this task, we provided detailed system component surveying and mapping. Additional requirements for Phase I included developing detailed planning and scope of work specifications for Phase II, to include both short- and long-term system upgrades, service plans, operations requirements, and quality and safety plans.

CH2M HILL completed Phase I which required the following activities prior to ownership transfer:

- System Characterization Studies, including:
 - System inventory, valuation, condition assessment, and deficiency identification
 - Environmental baseline survey
 - GIS mapping of water valves and meters, fire hydrants, pipes, manholes, lift stations, and grease pits, as well as gas pipes, valves, and regulators
- Plans and Scope of Work specifications for O&M Activities, including:
 - System Upgrade Plan (short- and long-term)
 - Annual Service Plan
 - Operations Facility Requirements Plan
 - Safety and Health Plan
 - Staffing Plan
 - Performance Measurement and Verification Plan
 - Quality Assurance and Surveillance Plan
- Regulatory agency notification and submittals for ownership transfer
- Finalizing all easements, licenses, and rights-of-way necessary for system O&M



Once ownership is transferred, CH2M HILL will retain responsibility for O&M of the utility systems. This work includes:

- Providing day-to-day system operations
- Coordinating routine Public Works Business Center operations, including scheduled maintenance, testing, and placement, retirement or removal of system components
- Conducting service and trouble calls via a 24-hour service desk
- Maintaining connections and disconnections to the utility systems as needed to support ongoing missions