

## Henry County 2001 Regional Water Project

project description | water storage

**location**

Henry County, Kentucky

**client**

City of New Castle

**completion date**

2001



In concert with Senate Bill 409 and the subsequent 2020 Water Management Planning, the city leaders of Campbellsburg and New Castle, and the management of the Henry County Water District No. 2 participated in an infrastructure project to benefit the customers of all three water utilities. The project encompassed the goals of Senate Bill 409 in that a merger of two utilities was involved and facilities were proposed for regional use. All three parties to the merger/regionalization project were committed to continued cooperation even beyond the current water project, including a possible second merger and a regional approach to wastewater treatment. Ms. Allen guided CDP's client, New Castle, through the development and funding phases of the project while working closely with the consultants for the other entities. The project cost was \$3,450,000. Campbellsburg, New Castle, and the Henry County Water District No. 2 requested a \$1,500,000 grant from Community Development Block Grant (CDBG) and the remainder in grant from Kentucky Infrastructure Authority's (KIA) 2020 Pool.

The regional project included a significant development effort in addition to the traditional design tasks. Since the project was among the first eligible for 2020 funding, close coordination with the KIA staff was critical for the project's success. Additionally, New Castle and the Henry County Fiscal Court applied jointly for a CDBG grant. The joint application allowed a grant award larger than that possible had the application been submitted by a single entity.

Engineering design efforts by CDP included: geotechnical testing and soil bearing determinations; foundation and structure design for the elevated tank; valve vault selection with accompanying corrosion control; construction inspection, including weld inspection and coating application; and line replacements within the New Castle distribution system.