

# Moorefield Wastewater Treatment Plant Moorefield, WV



**Project:** 4.1 MGD Advanced Nutrient Wastewater Treatment Facility

**Type:** Oxidation Ditch with two Primary Clarifiers, two Final Clarifiers, a Filter Tank/Building, a Pump Station, & a Leachate Storage Tank.

**Date Completed:** February 2013

**Construction Duration:** 8 months

**Description:** The town of Moorefield, WV constructed a \$36 million wastewater treatment plant in an effort to eliminate almost 30% of all the waste West Virginia contributes to the Chesapeake Bay. Using an innovative precast post-tensioned concrete tank design, Dutchland, Inc. exceeded the customer's requirements and realized savings of over \$1 million for Moorefield. By maximizing engineering efficiencies, Dutchland, Inc. provided the customer with a state-of-the-art structural design that generated considerable savings in production, construction, and maintenance of the tanks for Moorefield.