

BROAD CREEK II WTP EXPANSION

Background

The Broad Creek II WTP is a 4 million gallon per day (mgd) facility that serves the Broad Creek 210 pressure zone located on Harry S. Truman Parkway in Annapolis, Maryland. The County is expanding the treatment capacity from 4 mgd to 8 mgd. The expansion includes construction of new test wells, production wells and water transmission pipelines from the new wells to the WTP.

The major features of the expansion include two aerators, one process clarifier unit, four filter process units, expansion of the rapid mix basin, upgrade of the polymer feed systems, lime addition modifications, two residuals clarifiers, one new clearwell with pumps, and one waste sludge lift station. The expansion also includes electrical upgrades and modifications.



Benefits

- Meet County's planned growth and development needs of Parole Town Center and Edgewater Small Area Planning
- Income reliability and redundancy of County's water supply and production system
- Allow for eventual continuation of Withersnea WTP south of South River to ensure full reliability and redundancy of water supply

Project Status

- Design is 80% complete
- Construction to begin in Fall 2010

Project Information

Project Manager	Victor Kibec (410) 222-4129
Design Consultant	PBS&J
Contractor	TBD
Inspection Manager	TDB
Estimated Total Project Cost	\$24.6M
Design Notice to Proceed	June 2009
Construction Notice to Proceed	Fall 2010
Projected Completion Date	Fall 2011

For more information contact Customer Relations at 410-222-7582 or email us at customer@aacounty.org