

**Fluor-BWXT Portsmouth LLC/U.S. Department of Energy
Site Wide Surveying Service
Piketon, Ohio**



Project Description

In the early 1950s, the Atomic Energy Commission sought to dramatically expand its production of enriched uranium both for military purposes — nuclear submarines and weapons — and to provide fuel for an expanding fleet of commercial nuclear power plants. Today, the Portsmouth site is in cold shutdown awaiting decontamination and decommissioning. The site includes: About 134 separate facilities totaling more than 10 million covered square feet; A half-mile long process building (X-326) with a 30-acre roof and 2.6 million feet of floor space; A separate half-mile long process building (X-330) with a 33-acre roof and 2.8 million square feet of floor space; A three-quarter mile long process building (X-333) with a 33-acre roof and 2.8 million square feet of floor space; and Landfills, surface impoundments, cooling towers, burial grounds and waste water ponds requiring remediation.

Howerton Engineering & Surveying has been contracted through Fluor-BWXT Portsmouth LLC since 2013 to provide surveying services site wide for the U.S. Department of Energy to aide in the decontamination of the Portsmouth site.

Services to date include the following:

- 51 Well/Piezometer Located
- 3 Test Pads Located
- Over 20,000 Linear Feet of Utility Easement Locating
- Over 6,300 Linear Feet of Security Fence Staking
- 80 Acres Boundary Survey
- Over 7,000 Linear Feet of Property Right-of-Way Staking

Client/Location

Fluor-BWXT Portsmouth
3930 US RT. 23 South
Piketon, OH 45661

Client Reference

Rob Kouns
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Project Status

On-Going

Dates of Service

2013 - Current

Special Features

- GPS Survey
- Total Station Surveying
- RTK Surveying
- Utility Easement
- Security Fence Staking
- Boundary Survey
- Well Locations
- Piezometers Locations
- ROW Staking
- US DOE Standards

