




# By the Numbers Portsmouth Site

In August 1952, the Atomic Energy Commission selected a tract of land in the Ohio Valley along the Scioto River in Pike County, Ohio, for the site of the Portsmouth Gaseous Diffusion Plant. In 1956, operations began to provide enriched uranium for national security purposes. The Portsmouth plant and its sister facility in Paducah, Kentucky, worked in tandem to enrich uranium. The extensive environmental cleanup program began at the 3,777-acre federal plant site in 1989. Some key metrics related to the Portsmouth Site include:



**>50,000 metric tons** of depleted uranium hexafluoride (DUF6) have been converted by the DUF6 conversion plant at Portsmouth into a more stable chemical form for beneficial use or other disposition.

## Demolition began on X-333,

the second of three former uranium enrichment process buildings.

**Over the next 6 years** the Portsmouth team will complete the demolition of the 33-acre X-333 Process Building.

**957,306 cubic yards** of disposal capacity with completion of the fourth of 10 waste cells at the On-Site Waste Disposal Facility (OSWDF).

**>2,762,670 square feet** of buildings demolished, which includes the X-326 Process Building, reducing environmental liability, improving worker safety, and reducing surveillance and maintenance costs.

**>6 million cubic yards** of soils excavated/filled/reused to date in construction of the OSWDF.



## >350 acres transferred

to the Southern Ohio Diversification Initiative, the local community reuse organization, for future use of the site, enabling U.S. jobs, energy and security.

## >35 million pounds

of **excess materials** diverted from landfills as a result of recycling.

**>651,000 cubic yards** of impacted debris and soil were placed and covered in the OSWDF.

**>1 billion gallons** of groundwater from four on-site plumes have been treated and are currently managed by pump and treat and slurry wall technology.

**>37,960 pounds** of trichloroethylene (TCE), a degreasing solvent used during production years to clean uranium enrichment process equipment, has been removed from groundwater.



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