

By the Numbers Oak Ridge

DOE's Oak Ridge Reservation contains three sites — Y-12 National Security Complex (Y-12), Oak Ridge National Laboratory (ORNL), and East Tennessee Technology Park (ETTP). The Office of Environmental Management (EM) has cleanup responsibilities at all three of these sites to address legacies from historic operations that purified isotopes, conducted advanced research, manufactured weapons components, and enriched uranium. EM's efforts are eliminating hazards, opening land for re-development, and modernizing campuses to enable vital ongoing scientific and energy research and national security missions. EM completed major cleanup at ETTP in 2020, and it transitioned the skilled, experienced workforce responsible for that achievement to new projects at Y-12 and ORNL. These projects are addressing DOE's largest inventory of high-risk excess contaminated facilities. Other efforts underway involve eliminating the inventory of uranium-233 at ORNL and building infrastructure needed to remediate areas with dense mercury-contamination at Y-12.

1st site

in the world to remove a former enrichment complex.

\$500M

saved by completing major cleanup four years early at ETTP.

By 2025

begin operating the Mercury Treatment Facility at Y-12.



BEFORE

Clearing and transferring

an 18-acre former Biology Complex area at Y-12 to support national security missions.



AFTER

13.6M

square feet of facilities demolished at the former uranium enrichment complex.



500,000

cancer treatment doses will be generated annually from isotopes extracted from U-233 inventory.

2,000

monitoring wells installed across the site to track and model groundwater.



13,000 lbs of mercury retrieved and prevented from entering the environment.

3,000 acres placed in a nature conservation easement for public recreation.



1,277 acres

of land transferred to the local community for reuse and economic redevelopment.



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