



U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Oak Ridge Site Specific Advisory Board Annual Meeting

Roger Petrie

Regulatory Affairs, Oak Ridge Office of Environmental Management Manager

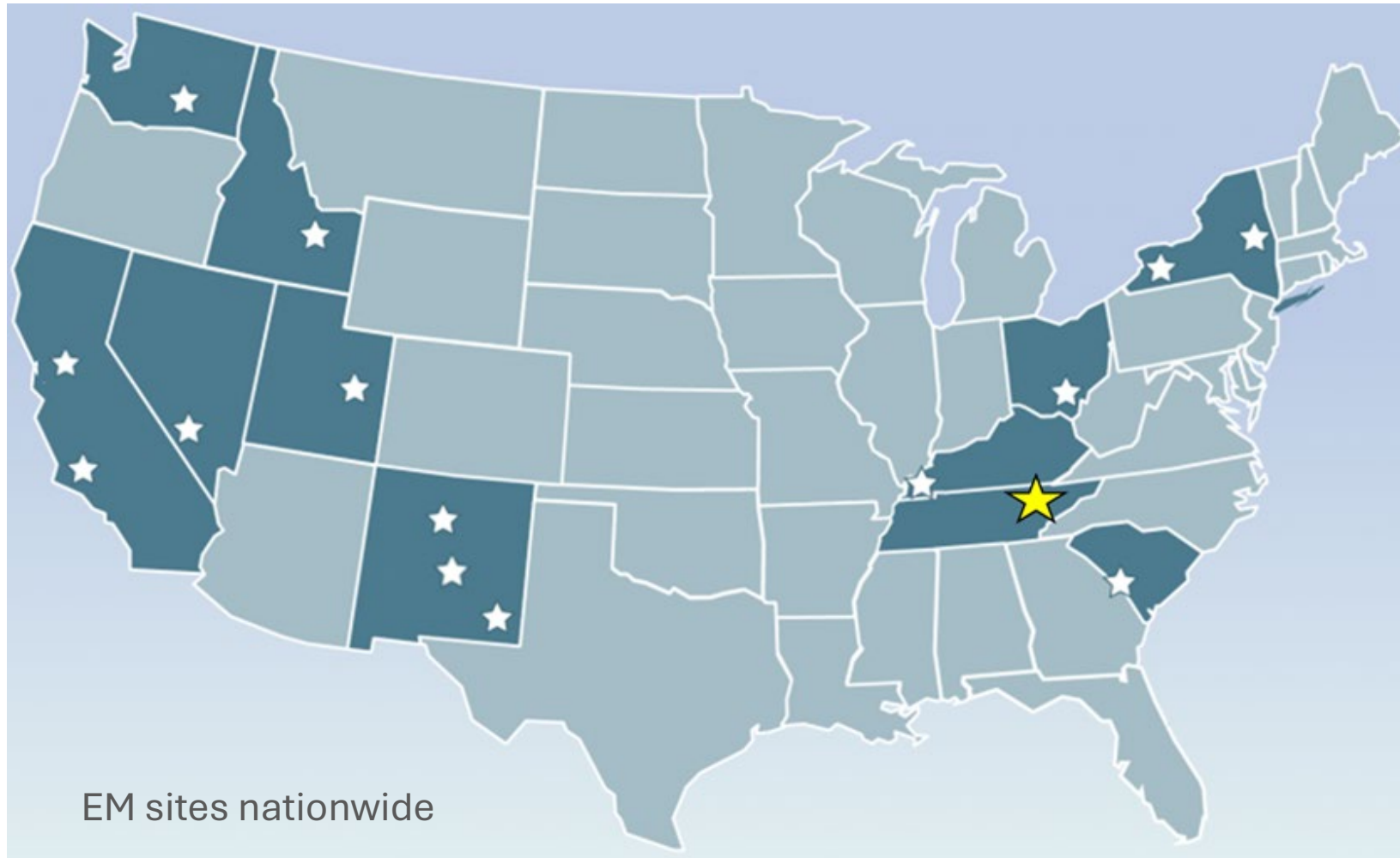
August 12, 2026



U.S. DEPARTMENT
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Office of Environmental
Management

The Office of Environmental Management has 15 active cleanup sites nationwide



- EM is the largest cleanup program in the world, and it is responsible for addressing nuclear sites used to support the Manhattan Project and Cold War
- EM's annual budget is approximately \$8 billion
- Oak Ridge is one of the largest EM cleanup sites



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Our mission is benefitting the region in big ways

1.

Removing risks to accomplish cleanup for a safe, clean, and prosperous community



2.

Clearing the way for DOE to modernize its nuclear stockpile and advance energy innovation



3.

Creating opportunities and generating new economic growth through reuse and strong partnerships



Oak Ridge has received strong, consistent funding from Congress to advance our cleanup mission

Appropriation Account	FY21 Enacted Budget	FY22 Enacted Budget	FY23 Enacted Budget	FY24 Enacted Budget	FY25 Enacted Budget	2026 Enacted Budget
Funding for environmental cleanup in Oak Ridge	\$644 million	\$630 million	\$637 million	\$694 million	\$695 million	\$701 million

**Oak Ridge's cleanup mission directly employs approximately
~2,500 local jobs.**



We have clear goals that guide our projects and direct our decision-making



- **Goal 1:** Complete East Tennessee Technology Park closure and transfer the remaining land for reuse
- **Goal 2:** Reduce risks and enable modernization of the Oak Ridge National Laboratory campus
- **Goal 3:** Reduce risks and enable modernization of the Y-12 National Security Complex
- **Goal 4:** Ensure adequate onsite waste disposal to support cleanup

Oak Ridge was the first site in the world to remove a former uranium enrichment complex



East Tennessee Technology Park before cleanup

**Demolished 500 buildings
and removed 50,000
truckloads of soil**



East Tennessee Technology Park today

Our cleanup transformed a liability into an asset that has attracted \$10 billion in announced capital investments



Our projects are reshaping Oak Ridge National Lab's central campus



Facilities to address in ORNL's central campus area

Our projects are eliminating risks and opening land to support research and innovation

- Demolishing former research reactors and isotope production facilities
- Eliminating inventories of uranium-233 and transuranic waste
- Major transformation happening in central campus over the next 4 years

We are making significant progress at Oak Ridge National Lab

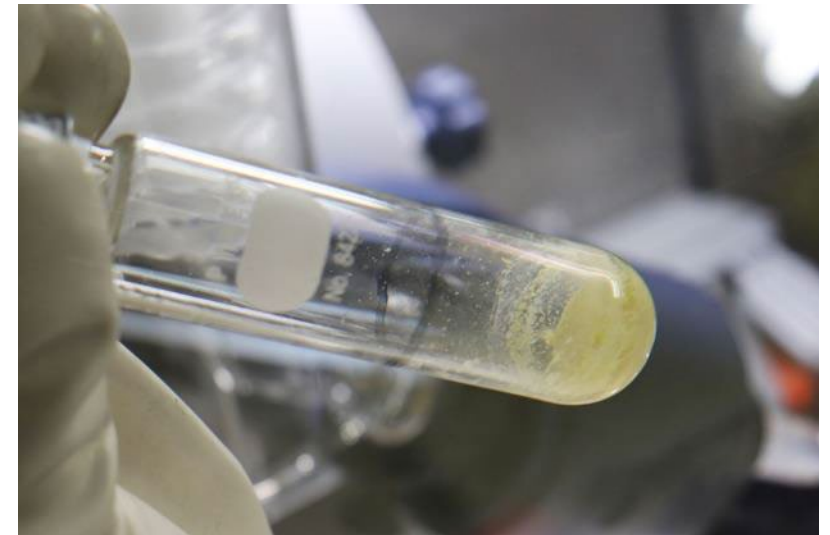
- Demolished two former research reactors
- Teardown began on 10 former labs in July
- Deactivation progressing on Oak Ridge Research Reactor
- Radioisotope Development Lab scheduled for near term demolition



Isotope Row facilities in the heart of ORNL

We are eliminating ORNL's uranium-233 inventory while providing medical isotopes for cancer treatment research

- The nation's inventory of uranium-233 is stored in the world's oldest operating nuclear facility
- That material presents risks and is very costly to keep safe and secure
- The remaining material must be processed before it can be shipped and disposed.
- A partnership with TerraPower is extracting and providing rare medical isotopes for advanced cancer treatment research. First treatments using this material will hit the market in 2027.



We are steadily removing inventories of radiological waste and positioned to assist other sites with processing



- We are eliminating the large inventory of transuranic debris waste generated from ORNL's historic operations
 - Processed 98% and shipped 94% of the contact-handled waste
 - Processed 98% and shipped 80% of the remote-handled waste
- Oak Ridge is working on a path forward to assist other sites with processing to help eliminate waste inventories across the EM complex

Our projects are enabling modernization at the Y-12 National Security Complex

- 60% of NNSA buildings are more than 40 years old
- Our projects are eliminating risks and opening land to support national security missions
- Removing excess, contaminated facilities
- Addressing and retrieving mercury in the environment



Facilities to address at Y-12

Demolishing the former Biology Complex opened land for Y-12's new Lithium Processing Facility



**Demo project cleared 18-acre area
that will be home to the new facility**



Our projects will continue transforming Y-12, including removing former enrichment buildings



Crews finished demolishing Alpha-2 earlier this year and will begin demolition on Beta-1 this fall

Work is underway on the new Environmental Management Disposal Facility



- EMDF is crucial to maintain progress and complete cleanup needed at ORNL and Y-12
- We completed monitoring groundwater levels this spring needed to finalize the design
- Construction begins this year on support facilities
- Scheduled to be operational in 2030

We are creating tangible benefits for Oak Ridge

East Tennessee Technology Park

Deliver industrial park space, historic landmarks, and conservation areas



Oak Ridge National Laboratory

Clear and restore land to support redevelopment and modernization efforts



Y-12 National Security Complex

Prepare land for beneficial reuse to advance national security missions



Questions?



Fiscal Year 2026 Topics for Oak Ridge Site Specific Advisory Board

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Topic 1: Ensuring Sufficient Waste Disposal Capacity



Topic 2: Y-12 & ORNL General Update



Y-12 National Security Complex



Oak Ridge National Laboratory

Topic 3: Fiscal Year 2028 Budget Development

DOE/CF-0227
Volume 5

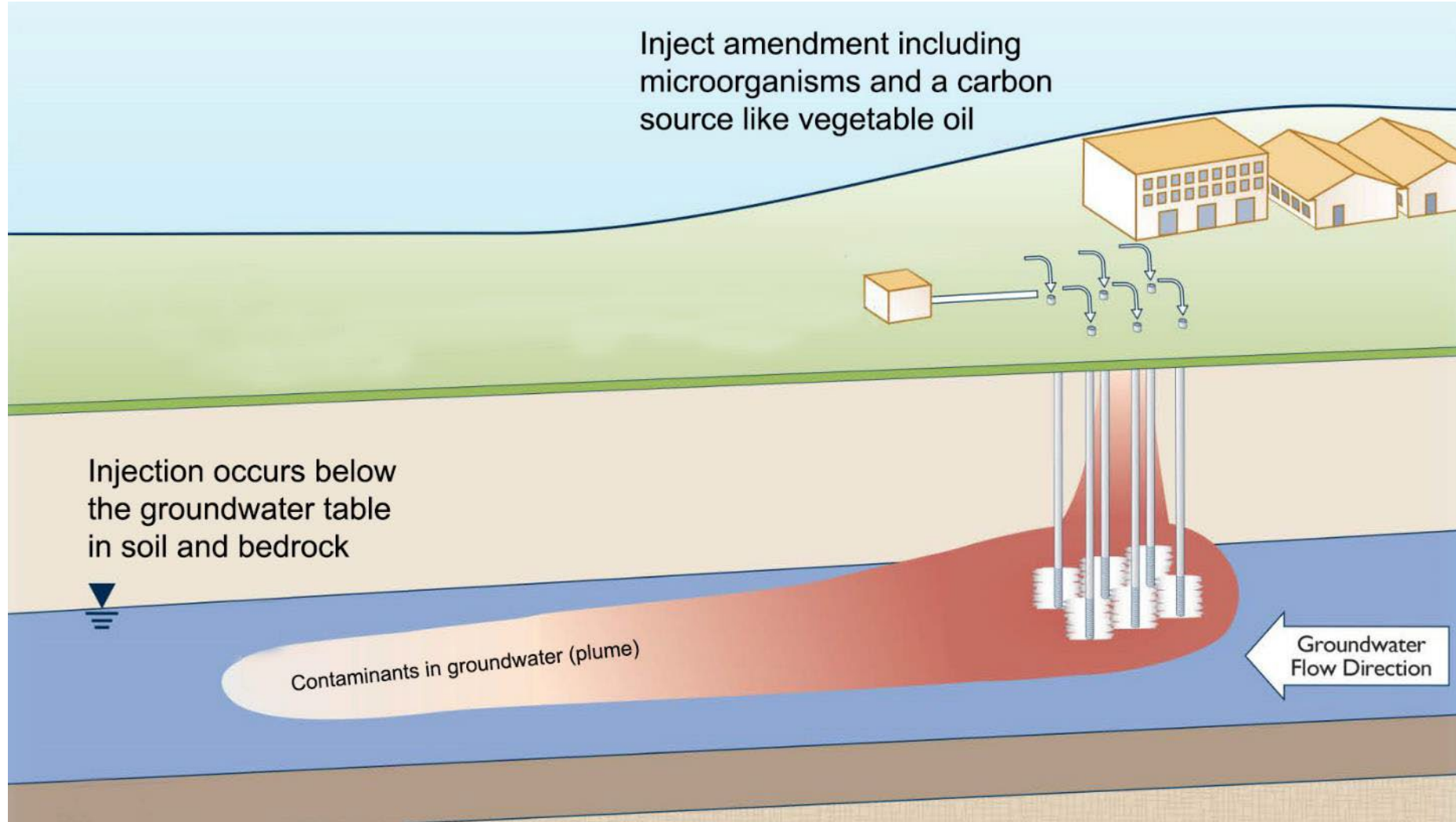
Department of Energy FY 2027 Congressional Justification



Environmental Management



Topic 4: ETTP Groundwater Remedies



Topic 5: TRU Waste Processing Center operations



Topic 6: Reindustrialization



Topic 7: Uranium-233 Disposition Project

