

U.S. Department of Energy

Oak Ridge Office of Environmental Management
(OREM)

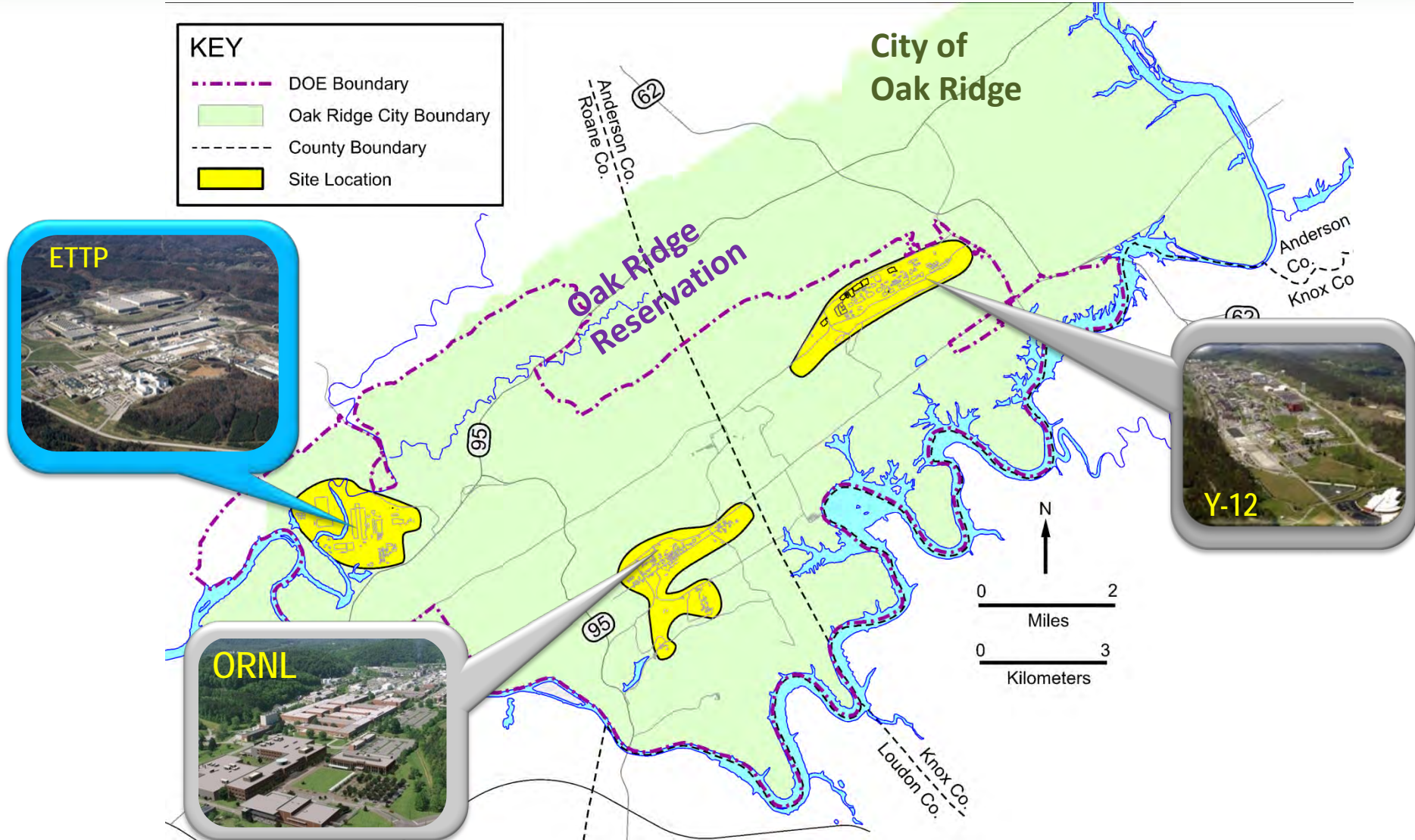
East Tennessee Technology Park Portfolio Plan

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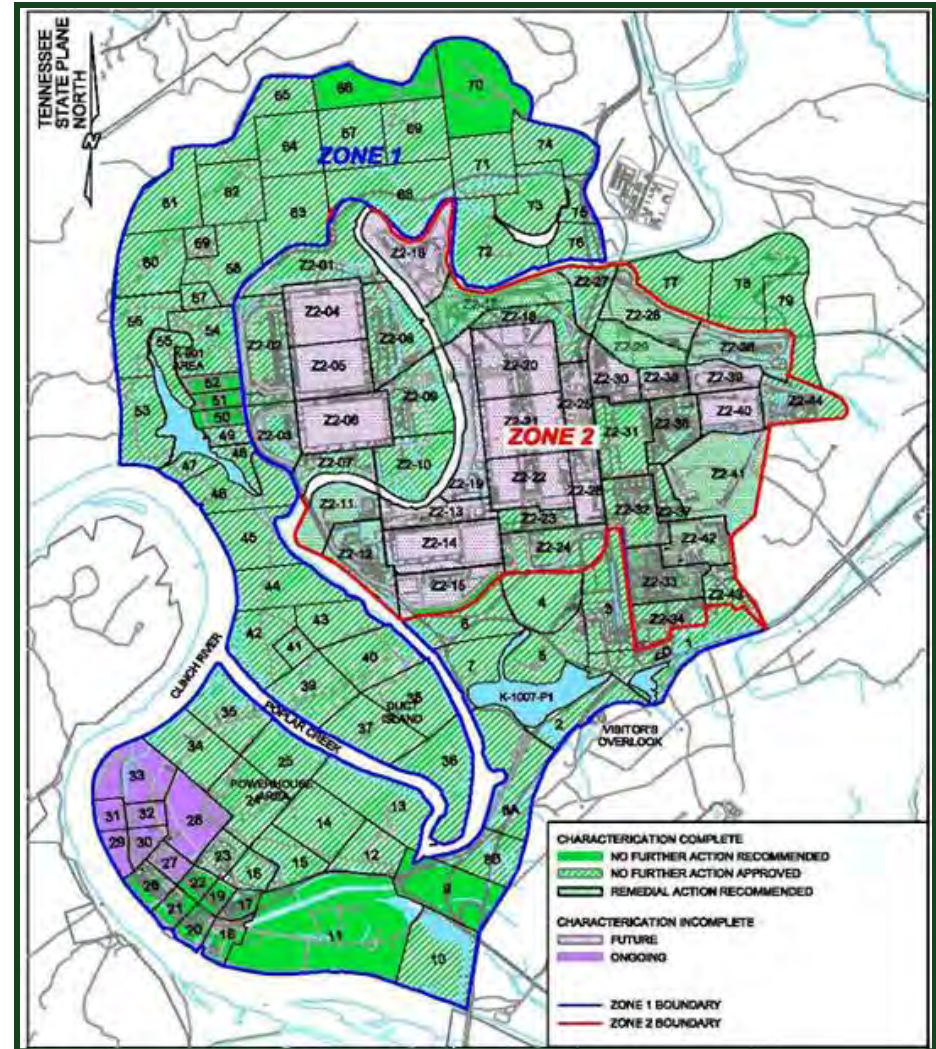


East Tennessee Technology Park (ETTP) is Transitioning to a Private Industrial Park



ETTP cleanup includes building demolition, soil, buried waste & groundwater remediation

- Complete demolition of remaining buildings
- Complete soils and sediment remediation
 - ✓ Zone 1 – Majority of remediation completed. Final decision on groundwater being developed.
 - ✓ Zone 2 – Some remediation completed. Remediation of soil will follow building demolition. Extent of contamination is not known. Groundwater will be addressed following soil remediation.



ETTP cleanup challenges

- **Facility contamination**
 - Highly mobile technetium
- **Facility deterioration**
 - Worker safety
 - Increased cost due to need for structural stabilization
- **Challenging budgets**
 - Maintaining momentum and work force
 - High annual costs to maintain and secure infrastructure
- **Integrating cleanup, historical preservation, and privatization on the same site**



On-going projects include....

➤ K-25 Building demolition

- ✓ West Wing demo completed
- ✓ North Tower demo completed
- ✓ Removal of 5 Sodium Fluoride (NaF) traps completed
- Only 6 of 54 units remain

➤ Historical Preservation activities



➤ K-27 Building pre-demo underway

- ✓ Characterization ongoing
 - ✓ Removal of 6 NaF traps completed
- ## ➤ S&M, waste operations, security, infrastructure & landlord activities

The ETTP Portfolio Plan.....

- Presents regulatory framework for cleanup
- Provides remaining work required to achieve reuse as Industrial Park
- Presents strategy and prioritization of cleanup scope
- Provides schedule and cost information
- Serves as basis for OREM Strategic Plan



Execution of the Plan will...

- Remove and Dispose
 - Legacy materials
 - Equipment & Waste
 - Deteriorating facilities
- Remediate land & Groundwater
- Make land available for reindustrialization



ETTP Portfolio Plan Project Summary

Oak Ridge Environmental Management Portfolio – ETTP – 47 Projects	
Contracted and Optional Scope	
K-25 Demolition	1 project
K-27 Demolition	1 project
K-25 Remedial Action	1 project
K-27/K-29 Remedial Action	1 project
All Other Demolition and Remediation Scope	
All Other ETTP Facility Demolition	7 projects
All Other ETTP Remedial Actions and RODs	14 projects
Operations and Maintenance Scope	
Operations, S&M, Environmental Monitoring, Infrastructure, Landlord, Security	21 projects
Historical Preservation	1 project

ROD = Record of Decision; S&M = Surveillance and Maintenance

ETTP Portfolio Plan schedule

Oak Ridge Environmental Management Baseline – ETTP	Fiscal Years		
	2013 - 2017	2018 - 2022	2023 - 2027
Contracted D&D and RA Scope			
Building K-25 D&D			
Building K-25 RA			
Building K-27 D&D			
Building K-27/K-29 RA			
All Other ETTP D&D and RA Scope			
All Other ETTP Facility D&D			
All Other ETTP RA and RODs			
Operations and Maintenance Scope			
Historical Preservation			
Operations, Infrastructure, Landlord, S&M, Security			

Completion of the ETTP Portfolio Plan

- Demolition of all excess, contaminated facilities
- Removal and disposition of existing legacy material and waste
- Completed remedial actions, including finalized records of decision for groundwater
- Release of site for industrial reuse

