

Accelerating Paducah ARRA D&D Projects



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EM Environmental Management
safety ♦ performance ♦ cleanup ♦ closure



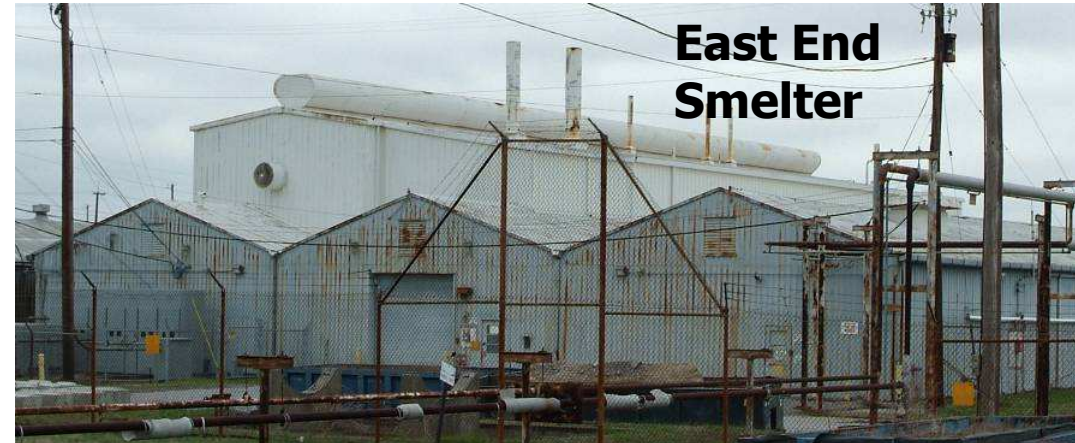
Paducah Site History Overview





ARRA Projects

- **Three accelerated D&D projects**
 - **C-340 Metals Plant**
 - **C-410 Feed Plant**
 - **C-746-A East End Smelter**
- **\$78.8 million funding**



East End Smelter



Metals Plant



Feed Plant



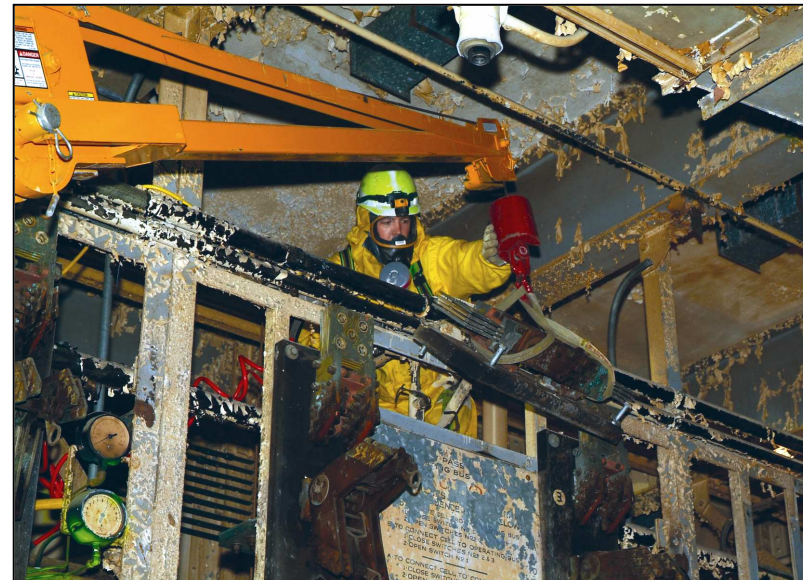
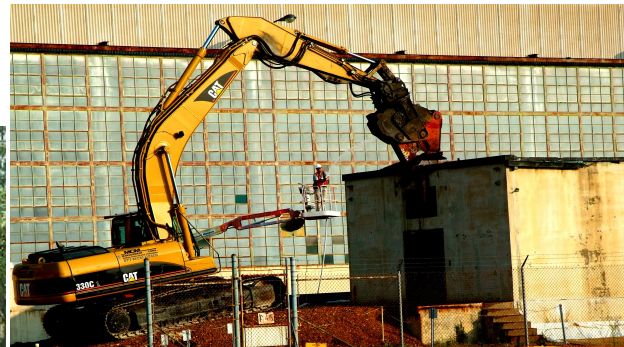
Who's Doing the Work



Instilling Safety, Stability, Acceleration & Pride in our Work



- Original Scope:
 - Environmental Remediation
 - Waste Disposition
 - Facilities Disposition
- Contract from April 2006 to September 2009
- Contract value \$299 million
- 386 employees





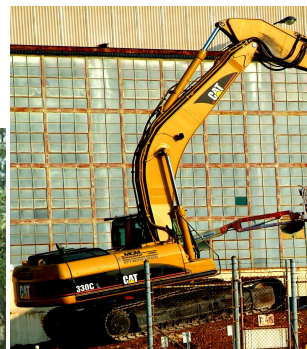
Who's Doing the Work



Paducah Remediation Services, LLC

Instilling Safety, Stability, Acceleration & Pride in our Work

- Current Scope:
 - Environmental Remediation
 - Facilities Disposition
 - Waste Disposition
 - ARRA projects
- Contract - April 2006 to ~~September 2009~~ June 2010
- Contract value, ~~\$299~~ \$459 million
- ~~366~~ 813 employees



EM Environmental Management
safety • performance • cleanup • closure



Finding & Hiring Workers

- **More than 5,000 applications received for ARRA work**





Planning the Work





A Shared Site



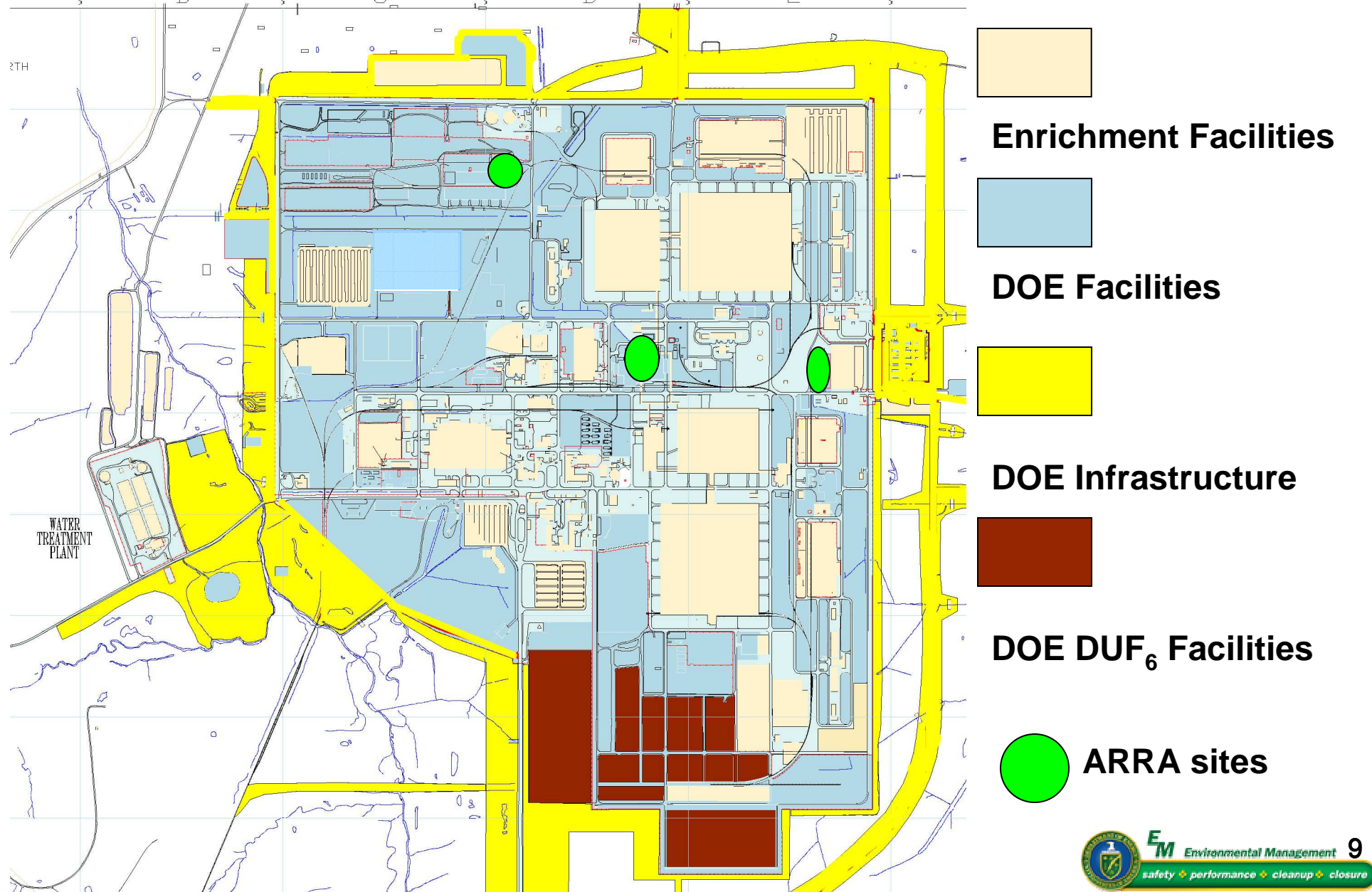
Three DOE contractors, 1,000 employees

One private enrichment company, 1,200 employees

One industrial area, 800 acres



Shared Site, Different Missions





Shared Services





Training





Ensuring Infrastructure is Available





Preparing the Facilities for D&D





ARRA Projects – C-410



Feed Plant

- **Stabilizing internal process systems**
- **Removing existing chemical hazards**
- **Removing and disposing of equipment**
- **Partial deactivation by June 30, 2010**
- **Demolition will follow in 2011**



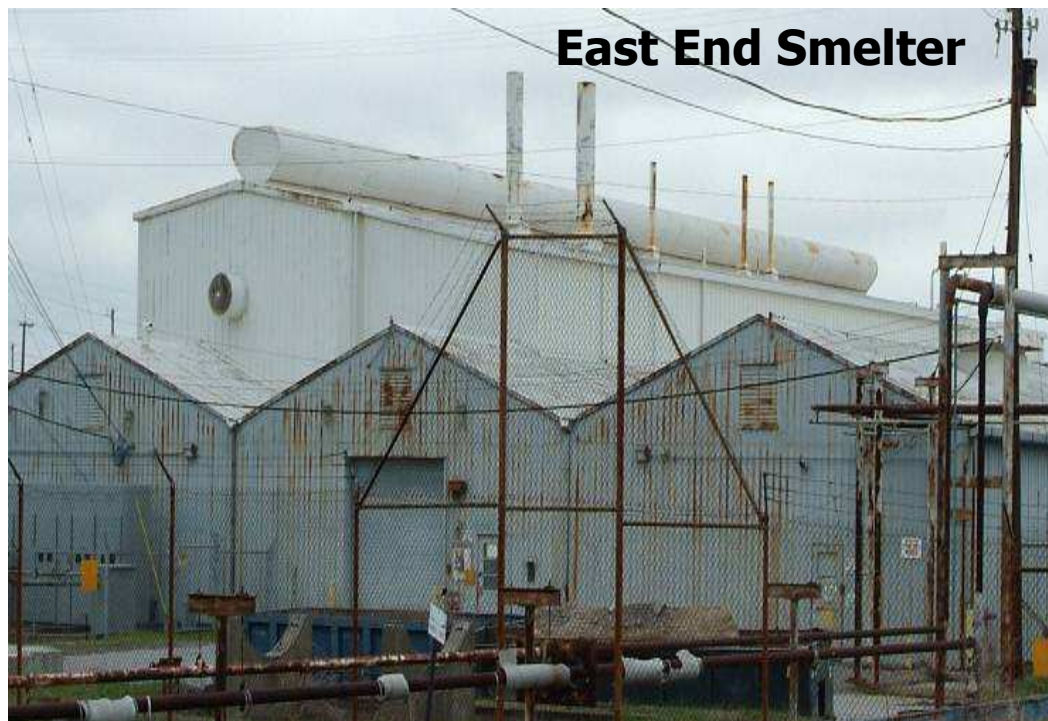


C-410 Feed Plant Work





ARRA Projects – East End Smelter



- **Disposing of equipment**
- **Removing loose material**
- **Removing and disposing of infrastructure**
- **Demolition to slab by June 30, 2010**





East End Smelter Work





ARRA Projects – C-340



Metals Plant

- **Stabilizing internal process systems**
- **Removing existing chemical hazards**
- **Removing and dispositioning loose material, equipment, and infrastructure**
- **Demolishing C-340-D&E in spring 2010**
- **Remainder of facility demolition-ready by July 2010**





C-340 Metals Plant Work





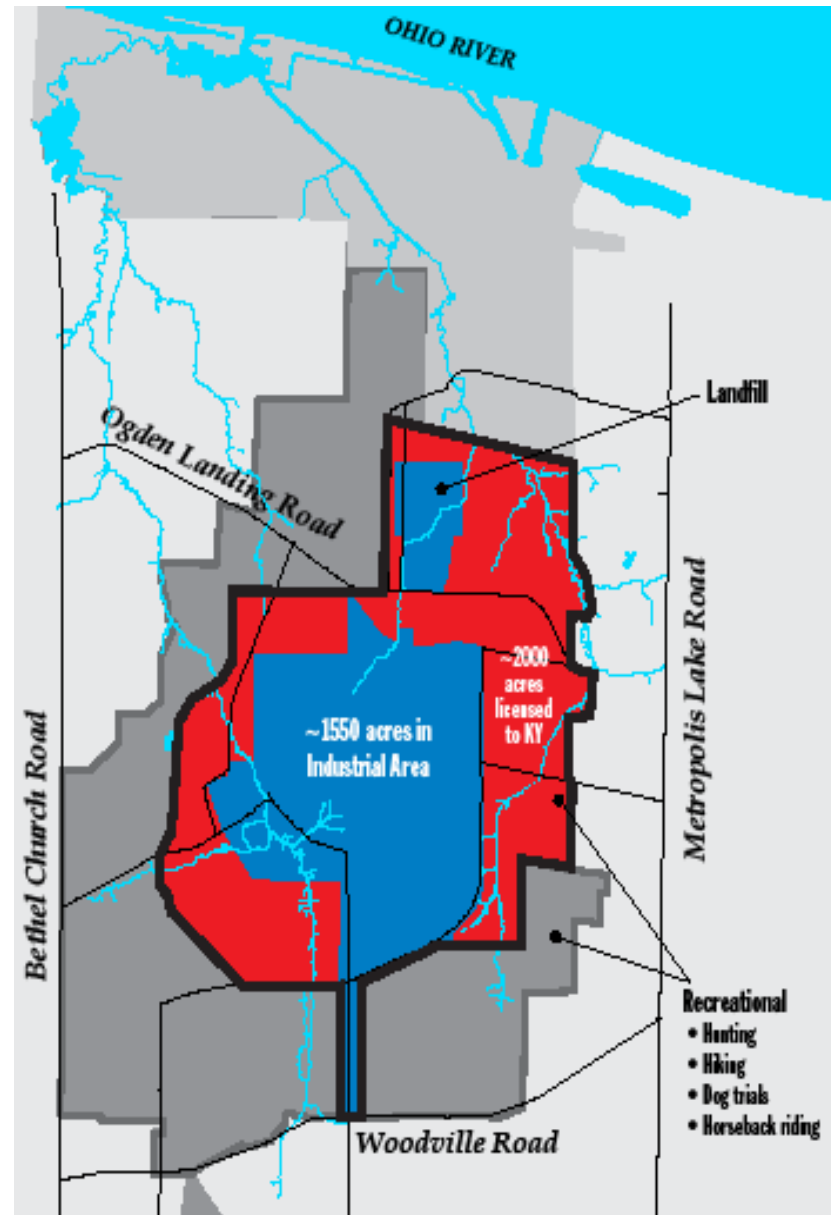
Waste Disposal

- Increased use of on-site landfill
- Use of other disposal facilities





The Future of the Paducah Site





Summary

- ARRA projects will dispose ~200,000 ft³ of waste this year
- Scheduled to complete ARRA work expected to take 2+ years in just 1 year
- In FY 2010 will do \$200 million of work; past three years total \$200 million in work
- In FY 2010 will disposition 1 million ft³ of waste; past 3 years dispositioned 1 million ft³



Summary

