

Progress at the PADUCAH PROJECT

Update to the Citizens Advisory Board

May 19, 2005



Rachel Blumenfeld
U.S. Department of Energy
Chief Operating Officer
Portsmouth/Paducah Project Office



DUF₆ Conversion Project

- Boundary change complete
- Site preparation work substantially complete
- Electricity is now available to the site
- Construction of warehouse and administration buildings to begin soon
- Facility 90% design work completed in March 2005 and undergoing DOE review and approval



Underground utility connection points rise from DUF₆ plant site



DMSAs

- Drummed material being removed, sorted, characterized, segregated, and repackaged
- Completed shipments for disposal of DMSA OS-17 LLW

April

- Characterized 2,400 cubic feet
- Packaged 2,800 cubic feet
- Shipped 9,400 cubic feet

Project Life

- 635,000 of 866,000 cubic feet
- 272,000 cubic feet
- 238,000 cubic feet



Coolers in DMSA OS-15

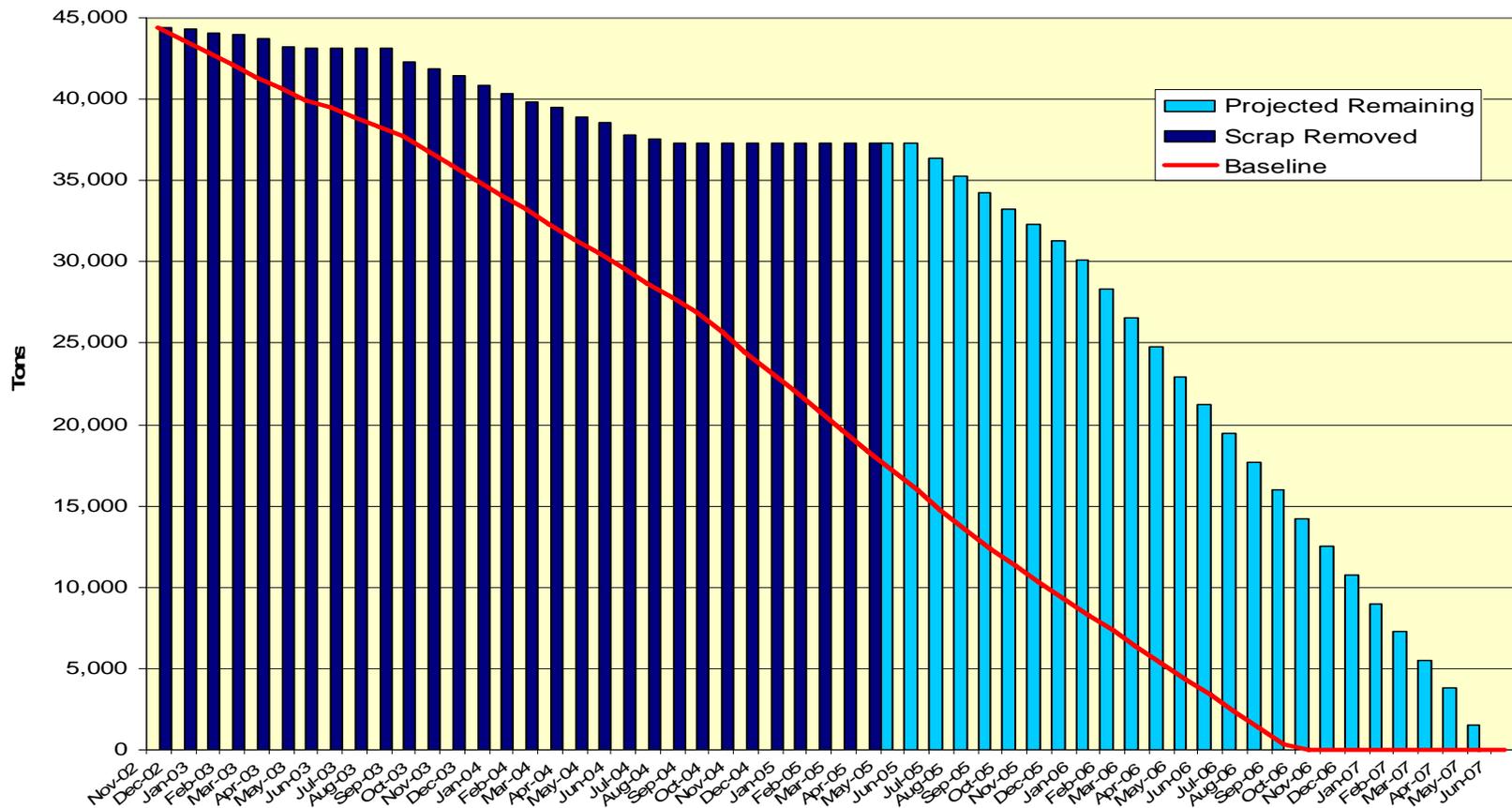


Cutting down coolers for packaging



Scrap Metal Removal

- Scrap metal shipments continued to be suspended during April
- D-Yard field crews continue to downsize scrap; over 2,100 tons backlogged and ready for loading/shipment
- NTS provided an assistance visit on waste disposition issues week of May 9
- NTS recertification audit scheduled not later than June 13



* A revised forecast will be presented once transportation issues are resolved



Scrap Metal Turnings

- Approximately 1,800 of 3,000 drums of machine turnings processed through April 13, and ready for disposal pending security approval
- All 3,000 drums to be disposed at Envirocare by October 2005



Processing drums
of metal turnings



C-410 D&D

- Completed equipment demolition in Sector 1, Zone 21
- Completed asbestos abatement activities in Zone 21, and collected clearance samples
- Completed extension of construction power to one of five cranes in building for supporting D&D
- Initiated packaging of low-level waste scrap metal (platforms, railings, walkways, structural steel) from the HF Tank Farm



Cutting piping using hydraulic shear



Glovebagging asbestos in Zone 21



Inactive Facilities D&D

Nitrogen Facility

- Received regulatory agency approval to remove as a Maintenance Action; developed RFP for removal

Limehouse, Contaminated Item Incinerator, and West End Smelter

- Received KDEP and EPA approval of the Removal Notification
- Engineering Evaluation /Cost Analysis under review
- Initiated development of Action Memorandum

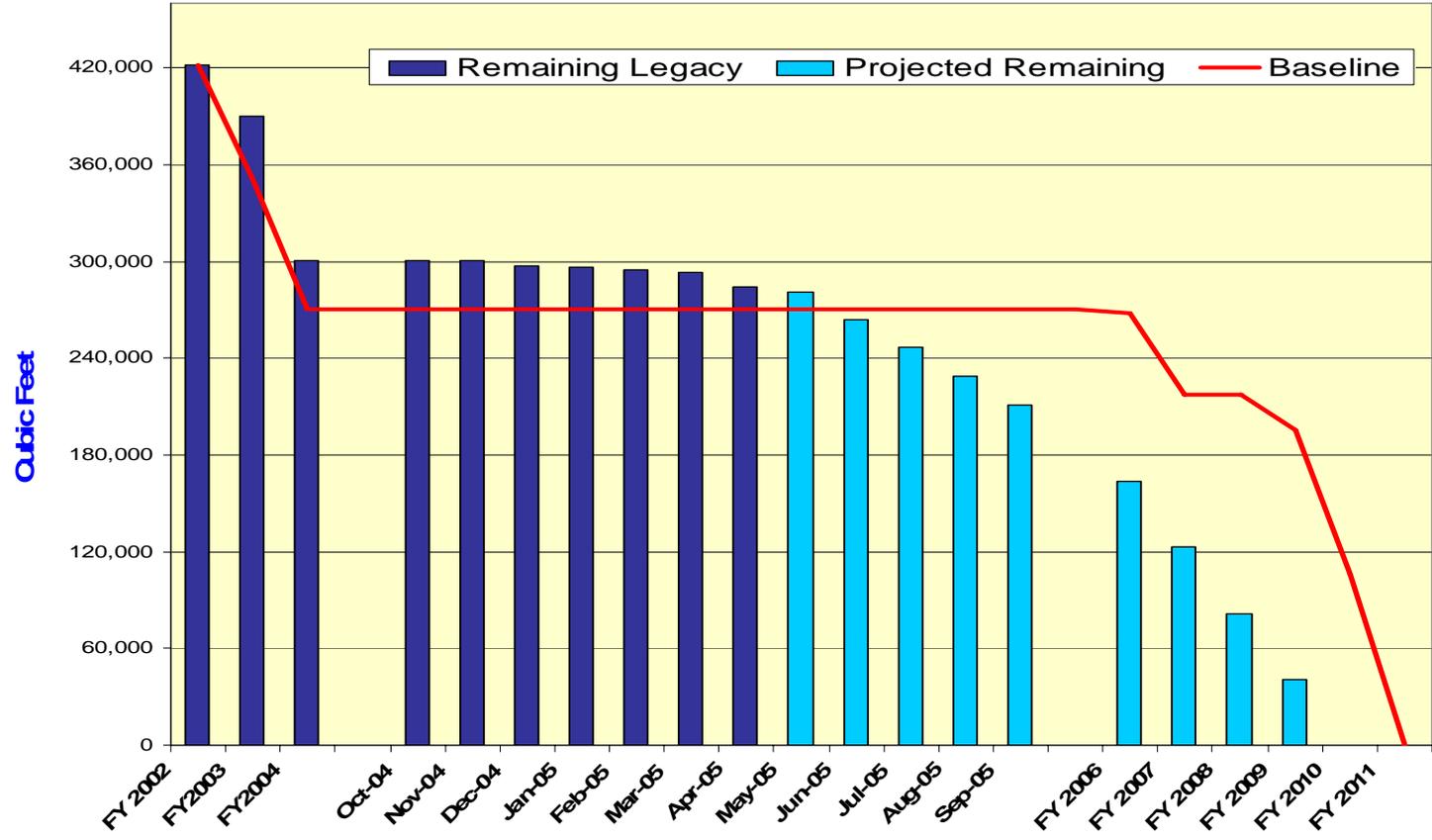


C-746-A West End Smelter



Legacy Waste Disposition

- Disposed 2,183 cubic feet of newly generated and Agreed Order waste in the C-746-U landfill
- Shipped 8,497 cubic feet of Agreed Order waste to Envirocare
- Shipped 226 cubic feet of newly generated waste to off-site treatment/disposal
- Continued processing Agreed Order waste for landfill and Envirocare





Groundwater Operable Unit

C-400 ROD

- ROD approval anticipated in late June

Southwest Plume

- D1 Site Investigation/Risk Assessment Report submitted to regulators on February 17, 2005
- D1 Proposed Plan to be submitted to regulators by July 2, 2005



Surface Water Operable Unit

Surface Water OU

- D2 Sampling and Analysis Plan (SAP) approved by Kentucky, following resolution of issues (previously approved by EPA)
- Sampling to be initiated in June

North-South Diversion Ditch

- D1 Final Remedial Action Report submitted to regulators May 12, 2005
- Field work completed August 17, 2004



Burial Grounds Operable Unit

Project Status

- All regulator comments will be incorporated into RI/FS Work Plan
- D1 RI/FS Work Plan to be submitted to regulators by June 30, 2005



The C-404 landfill



Transition to New Contractor

Transition Status

-- Infrastructure

- Infrastructure awards announced March 16, 2005
- Swift & Staley Mechanical Contractors, Inc. awarded Paducah contract
- Transition underway, to be completed by June 26, 2005

-- Remediation

- The procurement process is continuing
- Bechtel Jacobs continues to perform the remediation work

