

Progress at the PADUCAH PROJECT

Update to the Citizens Advisory Board

February 16, 2006





DUF₆ Conversion Project



- Sampling showed no phosgene in final 14 30A cylinders. More than 1,800 other cylinders had been cleared previously.
- Conversion Building foundation concrete pours now completed
- Work continues on the Maintenance and Warehouse building. The siding is currently being installed.



Scrap Metal Removal - Classified Scrap

- 251 tons shipped in January
- Final shipment of classified metal scheduled to leave Paducah next week (nearly 5,000 total tons of classified metal removed since project began)
- Final removal of debris and other material in D-Yard will follow



A magnet crane is used to load material from D-Yard for transport



Northwest Scrap Metal Removal

- Train arrived January 29 at EnergySolutions (formerly Envirocare)
- Train returned to Paducah after 24 boxes containing 628 tons emptied
- Shipments anticipated about every three weeks



The train arrives at EnergySolutions



Scrap Metal Removal

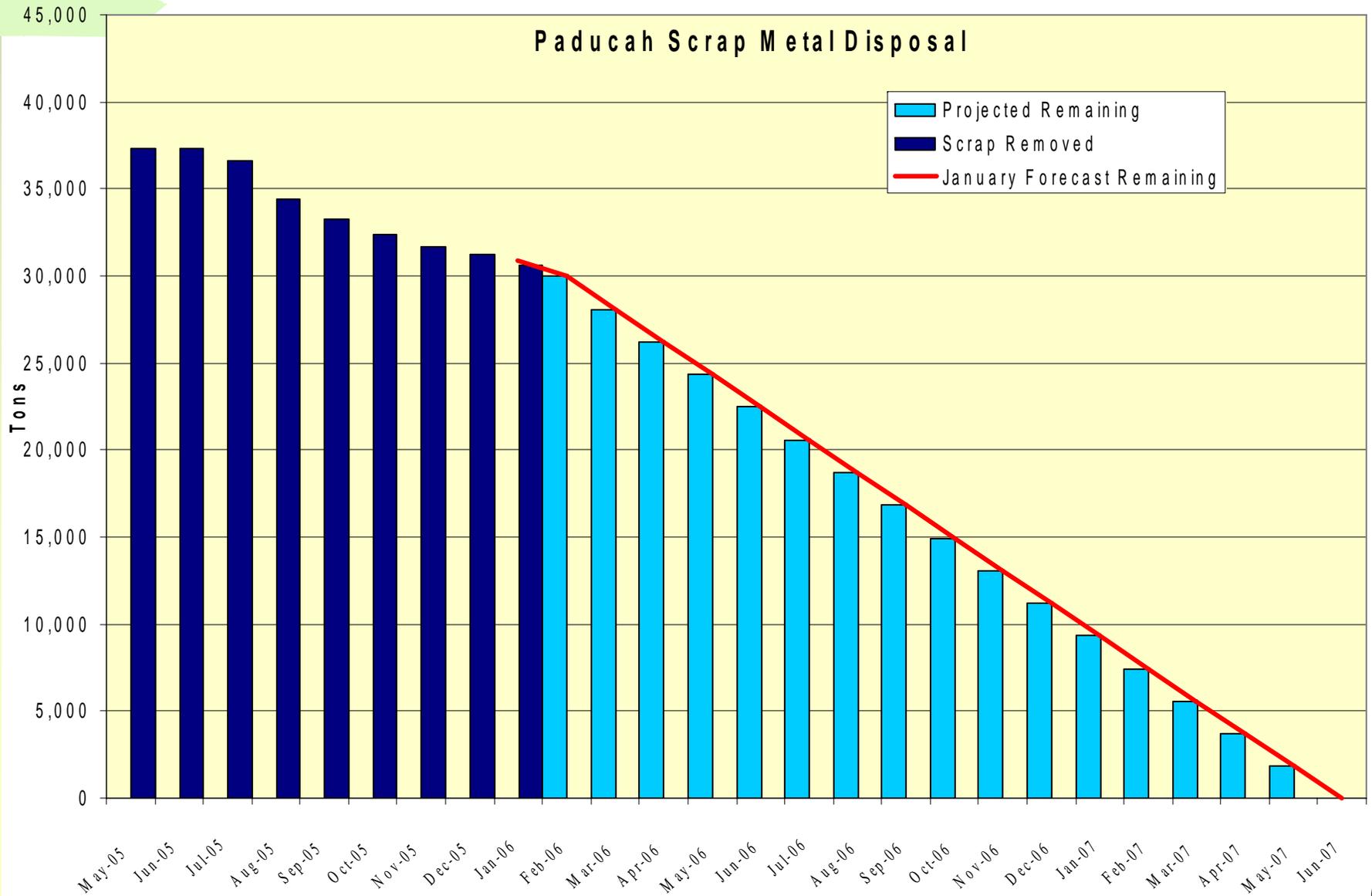
- At EnergySolutions, boxes are removed from the train and emptied in the landfill using a Big Bertha mover and a Mi-Jack lifter



A box from Paducah is emptied at EnergySolutions



Scrap Metal Removal





Inactive Facilities D&D

C-402 Lime House



A sample is collected from the outside of the Lime House last week

- Removal Action Work Plan submitted February 3
- Awaiting regulatory approval/comment
- Work starts within 15 days of approval
- Project completion scheduled for eight months after Removal Action start



DMSAs

- January totals:
 - Characterized 1,103 ft³ (645,000 ft³ over project life)
 - Packaged 9,590 ft³
 - Disposed of 6,052 ft³ (289,000 ft³ over project life)



- Completed Final Inventory/Characterization Reports for C-331-21, C-333-39, C-337-26, and C-337-28
- Continuing to characterize, package and dispose of materials



Legacy Waste Disposition



Workers prepare to drain water from a drum of waste

- Completed TSCA sewer sludge shipments to EnergySolutions
- Completed shipping of low-level sewer sludge to EnergySolutions
- Shipped Agreed Order TSCA mixed low-level waste to EnergySolutions
- Continued repackaging activities for waste stored in outside facilities



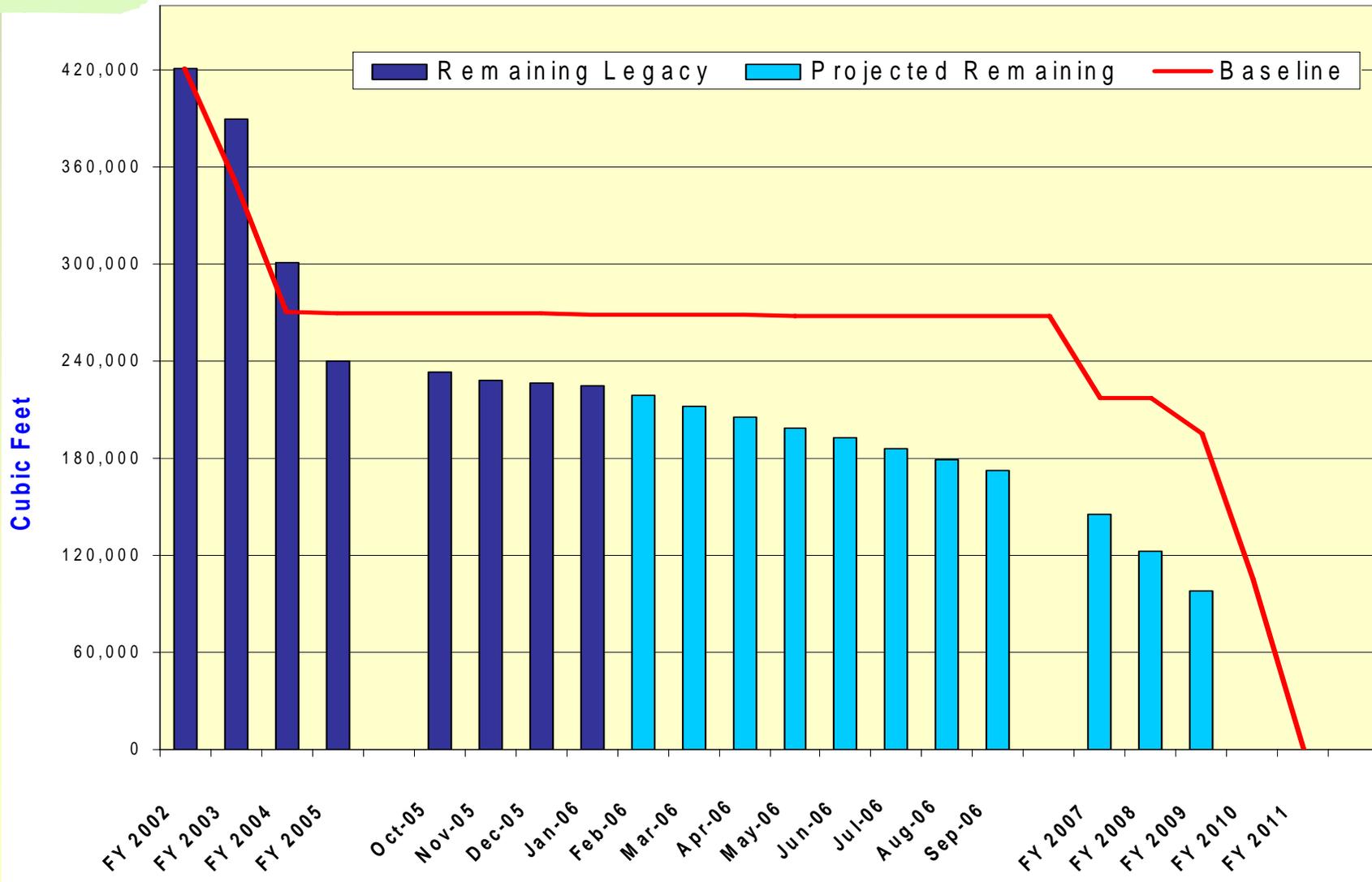
Water is emptied from drums of waste into a "phase separator"



After liquid is removed, waste is repackaged for disposal



Legacy Waste Disposition





Environmental Projects

Groundwater Operable Unit

- Revised D1 Site Investigation Report for the C-746-S&T Landfills to incorporate regulator comments and issued the D2 document to the regulators on 2/10/06.

Burial Grounds Operable Unit

- D2 BGOU Work Plan issued to the regulators 12/19/05; regulators are in the process of finalizing their review

Surface Water Operable Unit

- Continuing data validation
- First two steps of storm sewer sampling obtained sufficient data to support the Site Investigation/Risk Assessment Report. DOE preparing technical memorandum documenting that Step 3 storm sewer sampling is not necessary.



Contract Transition

- Paducah Remediation Services (PRS) transition plan submitted and approved by DOE
- PRS team working with BJC to implement transition plan

