

# Progress at the Paducah Project

Update to the  
Paducah Citizens Advisory Board

September 20, 2007



**EM** *Environmental Management*

*safety* ❖ *performance* ❖ *cleanup* ❖ *closure*

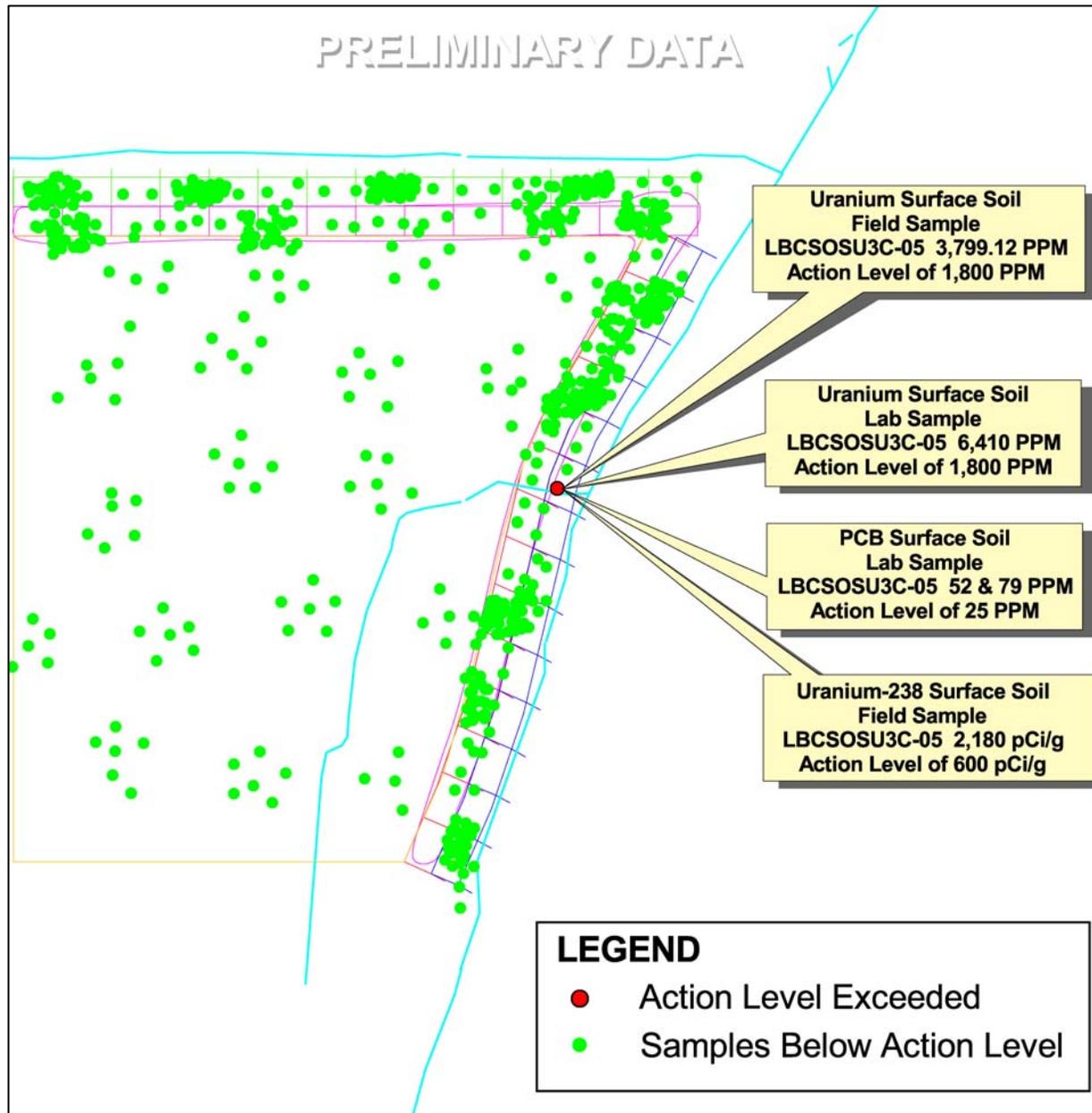


# Soil Piles - Schedule

- Soil Pile "I" SAP approval anticipated October 2007
- Bayou Creek SAP submittal within 15 days of approval of Soil Pile "I" SAP
- Rubble SAP submittal within 45 days of approval of Soil Pile "I" SAP
- Remainder of Little Bayou Creek SAP submittal within 7 days of Soil Pile "I" data approval
- Addendum 1-A Site Evaluation Report - November 2007



# Soil Piles - Composite Results





# Inactive Facility D&D - C-405

- Work at C-405 completed
- Crews currently in process of West End Smelter demolition



C-405  
before and  
after  
removal  
completed.



# Inactive Facility D&D - West End Smelter



- Exterior stacks removed
- Fixative applied to interior structure
- Loose material and debris removal 98% complete
- Preparing to remove smelter doors, which weigh up to 2 tons each



Left, an exterior stack is removed; above, fixative is applied to the building ceiling.



# C-410 D&D



- Asbestos abatement work continuing
  - More than 65% complete
  - Building contained more than 26,000 feet of asbestos insulation
- More than one-third complete with current contract scope

Workers use glovebags to remove asbestos from inside C-410.



# Depleted Uranium Hexafluoride Project



- Operating staff has moved into the Administration Building
- Installing process equipment in conversion building
- Completed construction of rail crossing at Hobbs Road
- Power cable complete to facility and equipment

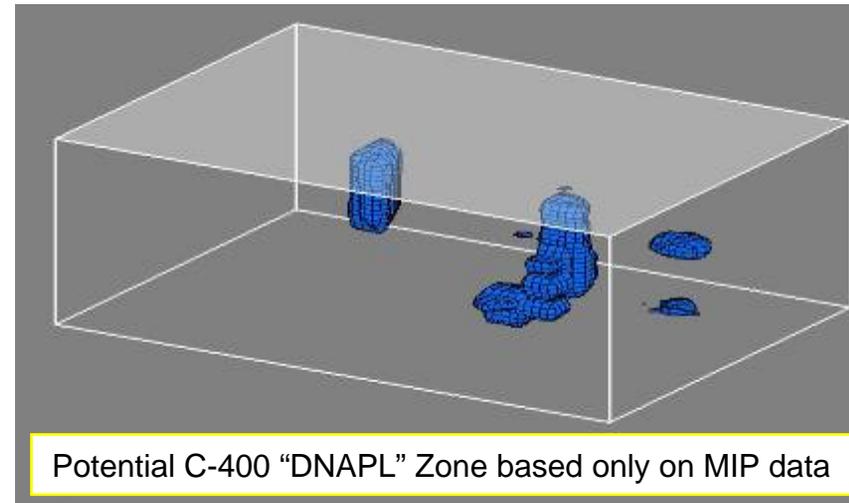


Left, workers install the rail crossing; above, the facility in early September.

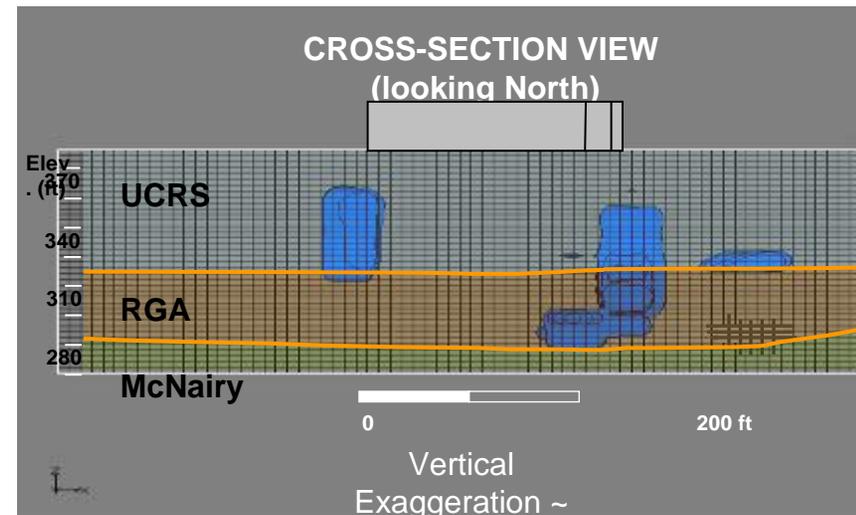


# C-400 D&D

- DOE-HQ coordinated an Independent Technical Review (ITR) to evaluate the C-400 ERH 90% Design
- Report issued in August 2007 and provided to regulators to aid their design review
- ITR Team comments
  - Supports the remedial action objective (RAO) at Building C-400 to reduce the TCE source area
  - Concurs that ERH is a potentially viable remedial technology to meet the RAOs adjacent to C-400
  - Suggests that to maximize TCE removal, additional verification and design flexibility should be considered
  - Requests the addition of performance metrics to measure progress
- PRS and DOE-PPPO are developing an implementation plan to address the ITR Team recommendations
  - Plan scheduled for October 2007



C-400 Source Removal treatment zone





DOE Portsmouth/Paducah Project Office