

Paducah Citizens Advisory Board

DDFO Presentation

Rob Seifert, Paducah Federal Project Director

June 21, 2012



CITIZENS
ADVISORY BOARD



EM Environmental Management

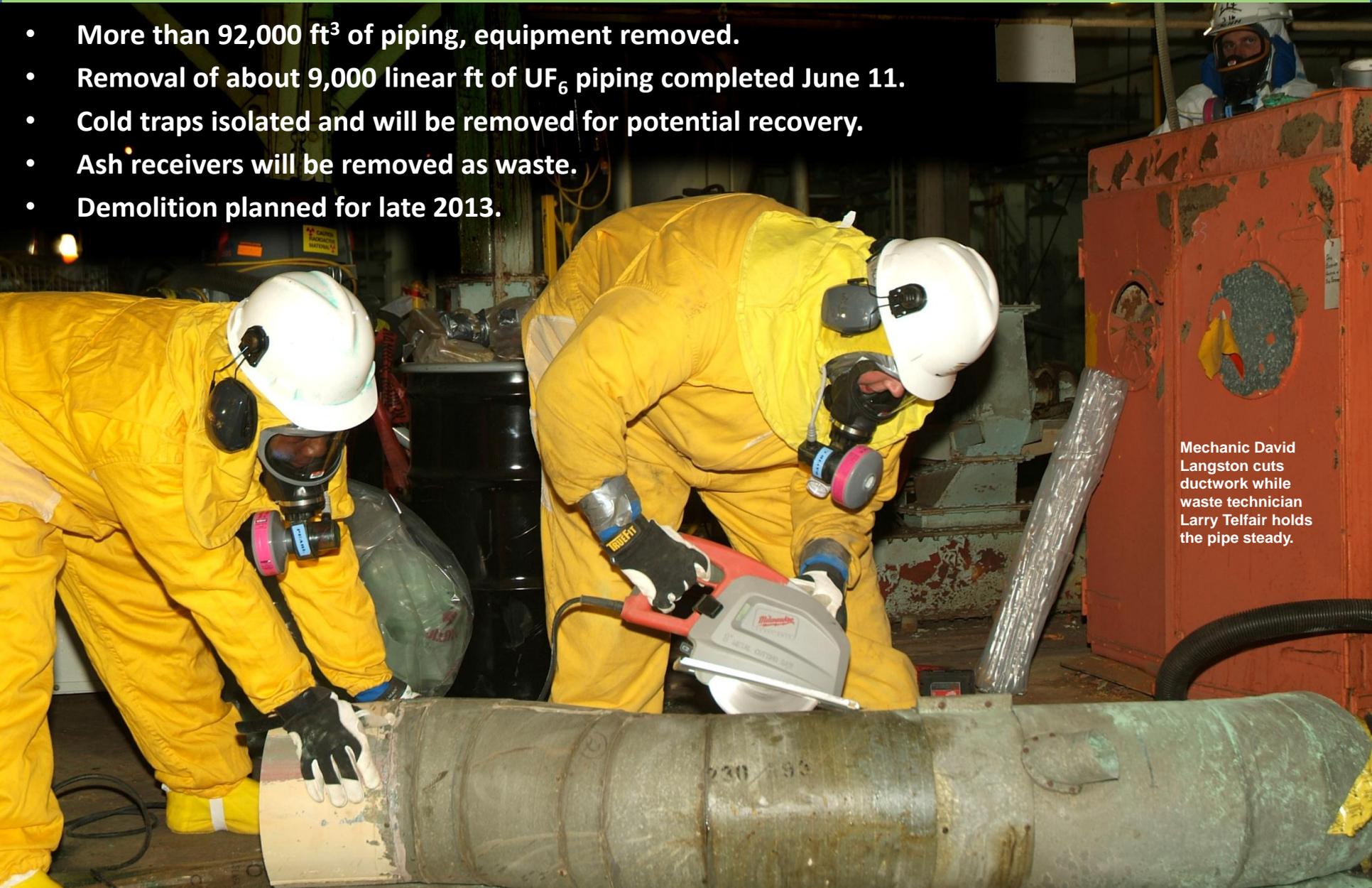
safety ❖ performance ❖ cleanup ❖ closure

Presentation Agenda

- Inactive facilities removal
- Groundwater cleanup
- Federal Facility Agreement Retreat
- DUF₆ plant update
- 2012 Eco Fair
- Upcoming documents

Inactive Facilities Removal: C-410 Feed Plant

- More than 92,000 ft³ of piping, equipment removed.
- Removal of about 9,000 linear ft of UF₆ piping completed June 11.
- Cold traps isolated and will be removed for potential recovery.
- Ash receivers will be removed as waste.
- Demolition planned for late 2013.



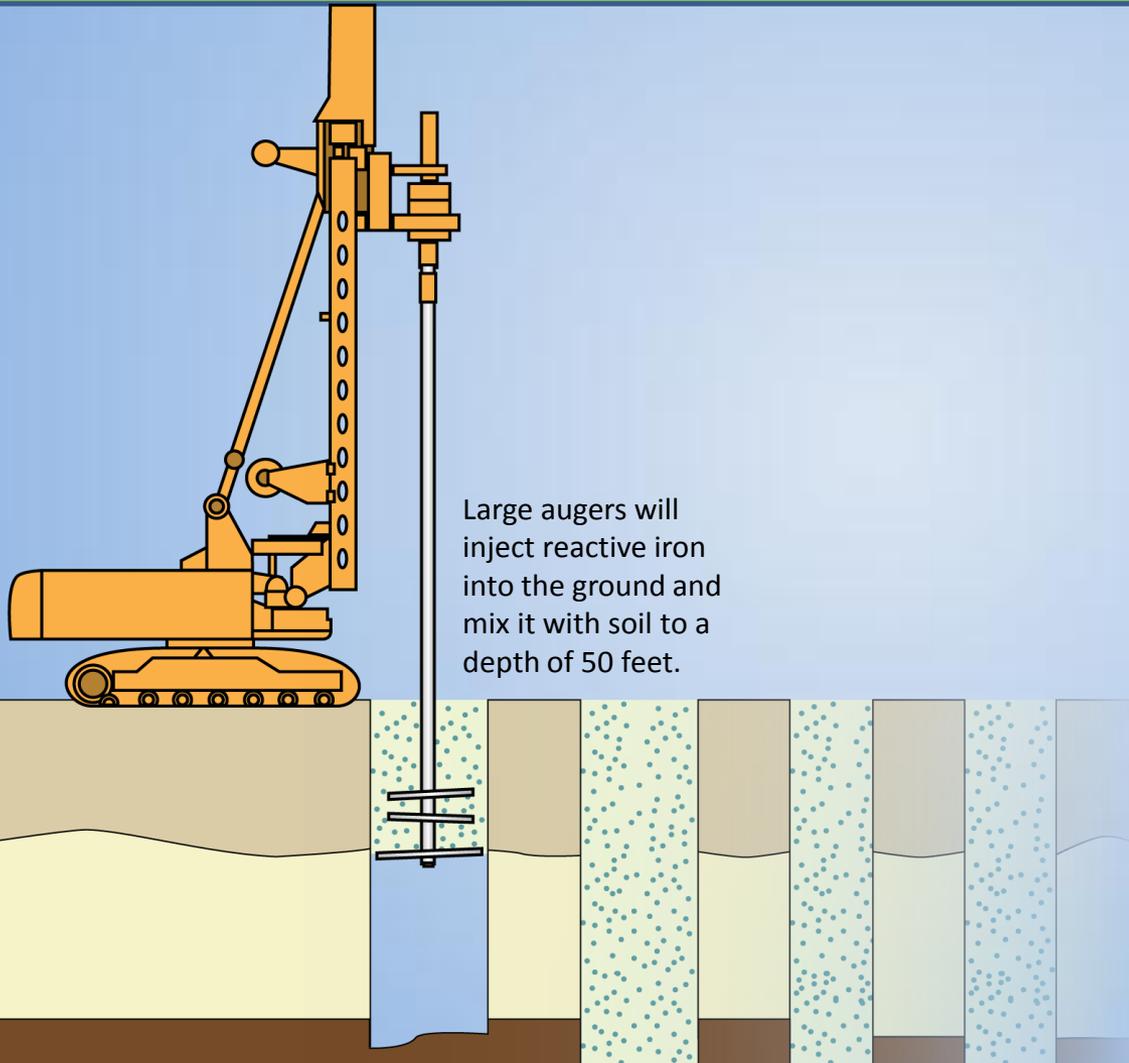
Mechanic David Langston cuts ductwork while waste technician Larry Telfair holds the pipe steady.

Inactive Facilities Removal: C-340 Metals Plant

- Transite removal set to begin Aug. 22.
- Safety/environmental precautions:
 - Panels manually removed to guard against airborne asbestos.
 - Water misting to minimize releases.
 - Equipment to lower panels to ground.
 - Panels stacked and double-wrapped in plastic.
- Mechanical demolition start planned for September.



Groundwater Cleanup: Southwest Plume Source Removal



- Remedial Design Site Investigation (RDSI) field work
 - Begins July 18
 - Ends in October.
- Results used to:
 - Fill data gaps in oil landfarm and C-720 Maintenance and Stores Building area.
 - Help narrow remedy decision at C-720.
- Field mobilization to start by June 2013.
 - Deep soil mixing at landfarm.
 - Bioremediation or long-term monitoring at C-720, depending on RDSI results.

Groundwater Cleanup: C-400 Source Removal Phase IIa



- Field work for ERH system to start by late September.
- 52 electrodes will be bored to remove TCE 20-60 ft deep southeast of C-400.
- Operation planned for 2013.
- 24 to 2,500 gals. of TCE remain.

Federal Facility Agreement Retreat

- Federal Facility Agreement (FFA) retreat held June 12-14 in Frankfort .
- Participants: FFA managers and their respective managers; various project managers from DOE, LATA KY, EPA, and Commonwealth of Kentucky.
- Purpose:
 - Help improve trust among FFA partners.
 - Identify driving factors behind decisions.
 - Allow FFA participants to develop tools to improve communication methods and skills.



Depleted Uranium Hexafluoride (DUF₆) Plant



- Babcock and Wilcox Conversion Services (BWCS) continues phased startup of conversion operations.
- FY 2012 focus:
 - Achieve around-the-clock, 24/7 operation of all four conversion lines.
 - Safely convert DUF₆ cylinder inventory at design capacity.
- More than 1,500 metric tons of DUF₆ processed so far in FY 2012.

2012 Eco Fair

Nearly 500 Lone Oak, Heath, and St. Mary 6th graders attended 3rd Annual Eco Fair May 15 in WKWMA.



Lone Oak Middle School 6th graders pet a mallard hen at a Kentucky Department of Fish and Wildlife demonstration of how waterfowl are banded and tracked.

2012 Eco Fair

CAB, DOE, LATA KY, KY Department of Fish & Wildlife Resources, Paducah Power, TVA, Natural Resources Conservation Service participated.



CAB Chairman Ralph Young of Recycle Now! talks to Eco Fair attendees about the importance of recycling.

Documents Recently Submitted to Regulators

Document	Submittal Date	Regulatory Review Period
Groundwater OU - SW Plume Remedial Design Report - 30% (D1)	June 6, 2012	90 Days (DOE requested 30-day review)
Groundwater OU - C-400 Phase IIa Remedial Design Report - 100% (D2)	June 18, 2012	30 Days
Burial Grounds OU - FS Report, SWMUs 2, 3, 7, 30 (D1)	April 30, 2012	90 Days
Surface Water Surface Water OU - RI/FS Work Plan (D2/R1)	June 14, 2012	30 Days
CERCLA Waste Disposal Alternative - RI/FS Report (D1)	May 8, 2012	90 Days



Board Discussion...



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