



Paducah Gaseous Diffusion Plant
Citizens Advisory Board

January 18, 2007

Proposed Agenda for the January Board Meeting

Chair
Allen Burnett

Chair-Elect
Vacant

Board Members

John Anderson
Judy Clayton
Shirley Lanier
Bobby Lee
Elton Priddy
Janet Miller
John Russell, Ph.D.
Jim Smart, Ph.D.
James Tidwell

Liaisons
Reinhard Knerr
DOE DDFO

Mitch Hicks
DOE Federal Coordinator

Jon Maybriar
*Division of Waste
Management*

David Williams
*Environmental Protection
Agency*

Mike Hardin
Fish and Wildlife Resources

Dr. John Volpe
Radiation Health Branch

Support Services
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111 Memorial Drive
Paducah, KY 42001
Phone 270.554.3004
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www.pgdp CAB.org
paducahcab@bellsouth.net

5:30

Informal discussion

6:00

Call to order, introductions
Review of agenda
Approval of November minutes

DDFO's Comments

-- 15 minutes

Federal Coordinator Comments

-- 5 minutes

Liaison Comments

-- 10 minutes

Review of Action Items

-- 5 minutes

Public comments and questions

-- 10 minutes

Presentations

-- 30 minutes

- Site Management Plan
- Community Relations Plan

Subcommittee Reports

-- 15 minutes

- Waste Disposition/Water Quality Subcommittee
- Community Outreach Subcommittee
- Long Range Strategy/Stewardship Subcommittee
- Executive Committee

Public comments and questions

-- 10 minutes

Administrative Issues

-- 15 minutes

- Motions
 1. Election of Chair Elect
 2. Revisions to By-Laws and Operating Procedures
 3. Recommendation 07-01 *Establish a Process Which Facilitates Adding Members to the DOE Mailing List*
 4. Recommendation 07-02 *Update the Community Relations Plan Through 2006*
 5. Recommendation 07-03 *Utilization of Focus Groups in CRP*
 6. Recommendation 07-04 *Continued Use of WKWMA During Remediation of Soil and Rubble Piles*
 7. Recommendation 07-05 *Proposed Usage of Real – Time Field Sampling*
 8. Recommendation 07-06 *Assurance of Compliance with the Waste Acceptance Criteria for the C-746-U Landfill*
- Budget Review
- Review of Work Plan
- Summary of New Action Items
- Review Next Agenda

Final Comments

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Progress at Paducah

Paducah Citizens Advisory Board

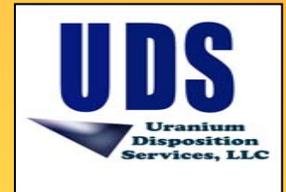


Reinhard Knerr
Paducah Site Office Lead
January 18, 2007



November-December Highlights

- DUF6
- Inactive Facilities
- Burial Grounds
- Northwest Corner Scrap Metal Project
- Soils



DUF6 Conversion Project



- Concrete pours for roof and floors continuing in Conversion Building; completion depends on weather
- Administration Building completion scheduled this month

Metal frameworks are erected to support cranes



Inactive Facilities



- C-405 Incinerator
 - Site setup completed
 - Utility isolation finished; temporary power in place
 - Interior equipment removal continues
 - Demolition scheduled to begin late next month; will take three weeks to finish



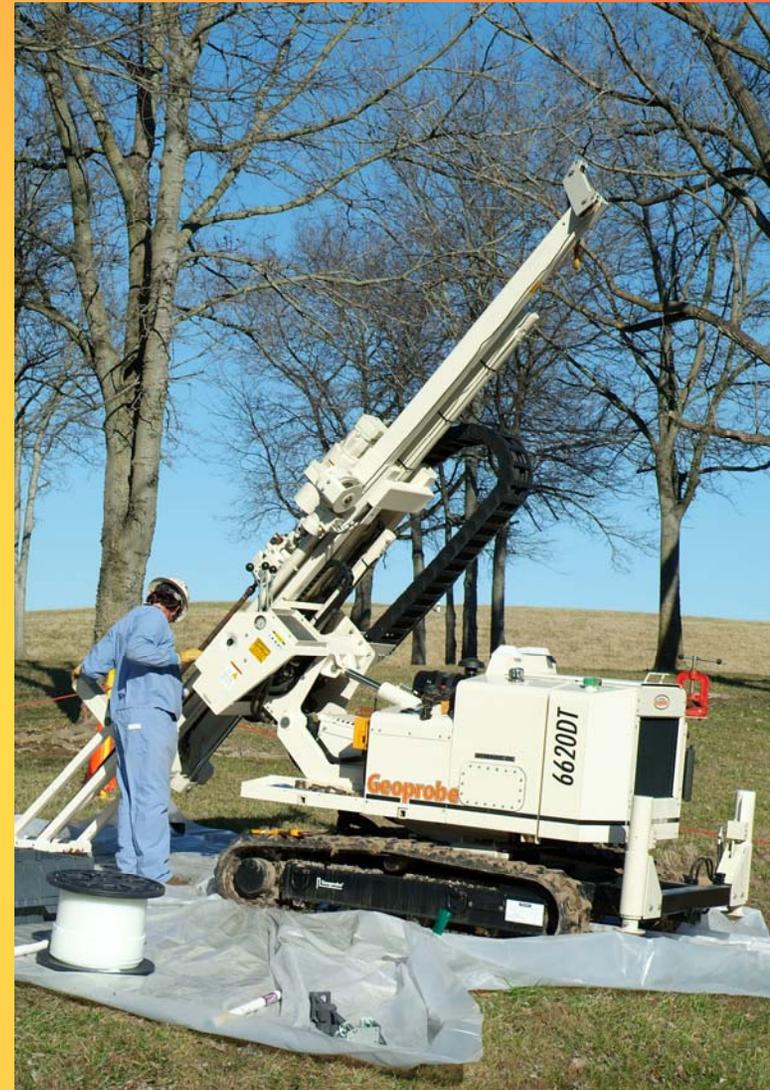
Above, the east incinerator; at right, an air scrubber



Burial Grounds Operable Unit

Remedial Investigation Underway

- Performed geophysics in December
- Initiated sampling in January
- Completion by end of May
- Taking 300 soil and groundwater samples
- Will combine data with existing knowledge to produce a Feasibility Study
 - Remedial Investigation Report scheduled for submission 7/25/08
 - FS scheduled for submission to EPA and Kentucky in 2/17/09
- Remedial options which may include actions such as no action, capping, grout curtains, and excavation will be evaluated in FS
 - Opportunity for CAB input



Drilling began at SWMU
145 week of January 8



Scrap Metal Removal



- Grass seeding will begin when weather permits



Soil Piles

Background

- Contamination on soil pile identified on 11/2/06
- Immediately pulled soils samples
- No threats to public health and the environment
- Working closely with Kentucky and EPA to determine future course of action

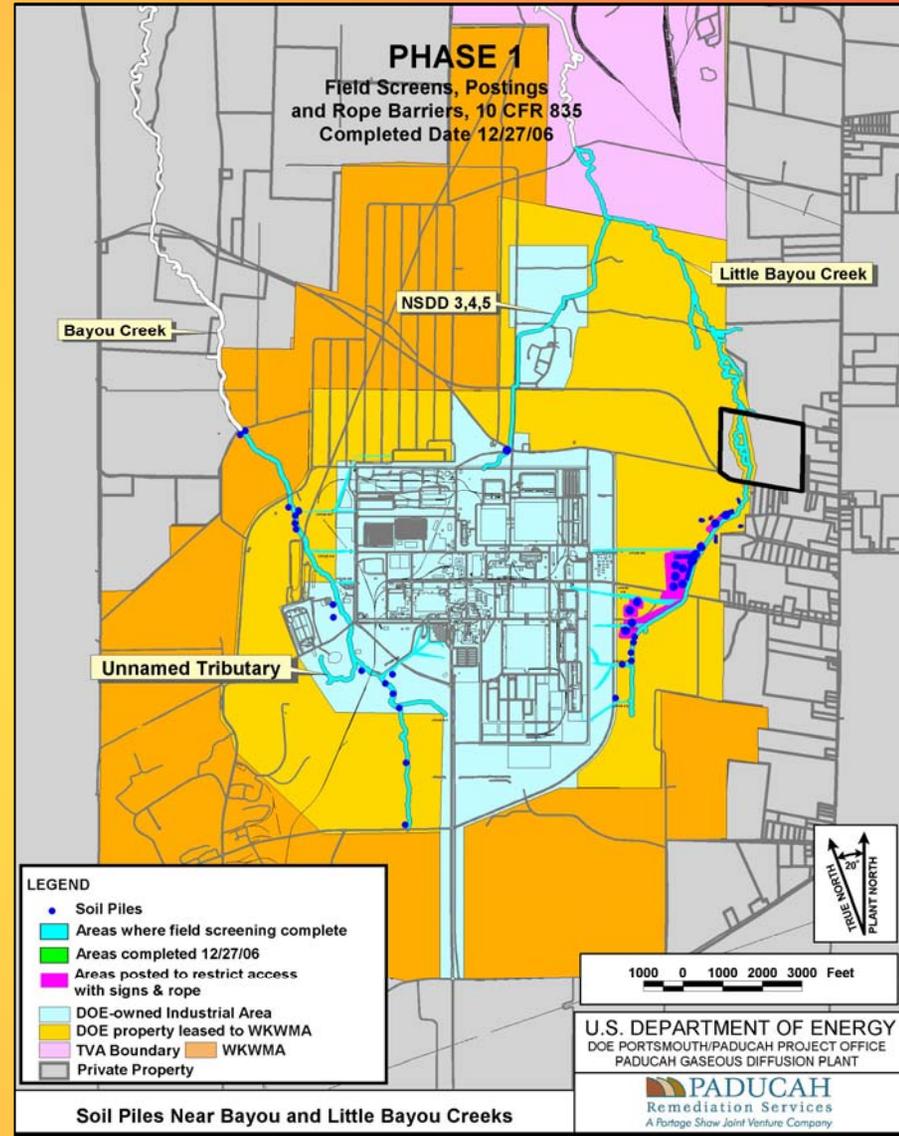


One of the soil mounds along the west bank of Little Bayou Creek

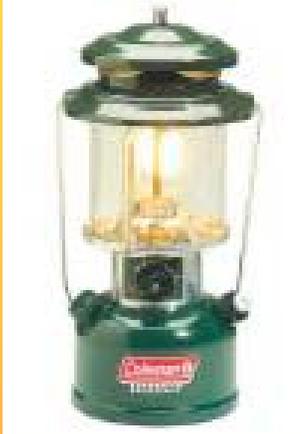
Soil Piles

Actions to date

- Conducted a walkover survey of more than 30+ miles of creeks and ditches
- Surveyed 99 soil piles and 51 rubble areas
- Developed plan to collect more detailed samples
- All contamination areas roped off
- USEC protective force continually updated to assist in alerting hunters



Public Exposure to Radiation



- Lantern mantles are 4 times background



- Smoke detectors are 10 times background



- "No Salt" seasoning is 2 times background



- Certain older Fiestaware is 15 times backgrounds



Soil Piles



What's next

- In coordination with Kentucky and EPA, preparation sampling and analysis plan for further evaluation
- Collection and characterization of subsurface samples to determine nature and extent of any additional contamination
- Prioritize and evaluate characterization results





DOE Portsmouth/Paducah Project Office



Site Management Plan Update Citizen Advisory Board Meeting

Paducah, KY

January 18, 2006



Purpose of Briefing

- Provide overview of changes between the FY-05 SMP and FY-06 SMP
- Summarize changes made to the FY-07 SMP submitted to EPA and KY on November 15, 2006



SMP Background

- FFA requires submittal of an annual Site Management Plan by November 15, outlining:
 - Programmatic strategy for achieving site cleanup
 - Enforceable milestones for FY-FY+2 activities
 - Enforceable completion dates for each operable unit
- SMP adopts a risk-based cleanup approach linked to achieving protection under both current and future land use, consistent with the End State Vision



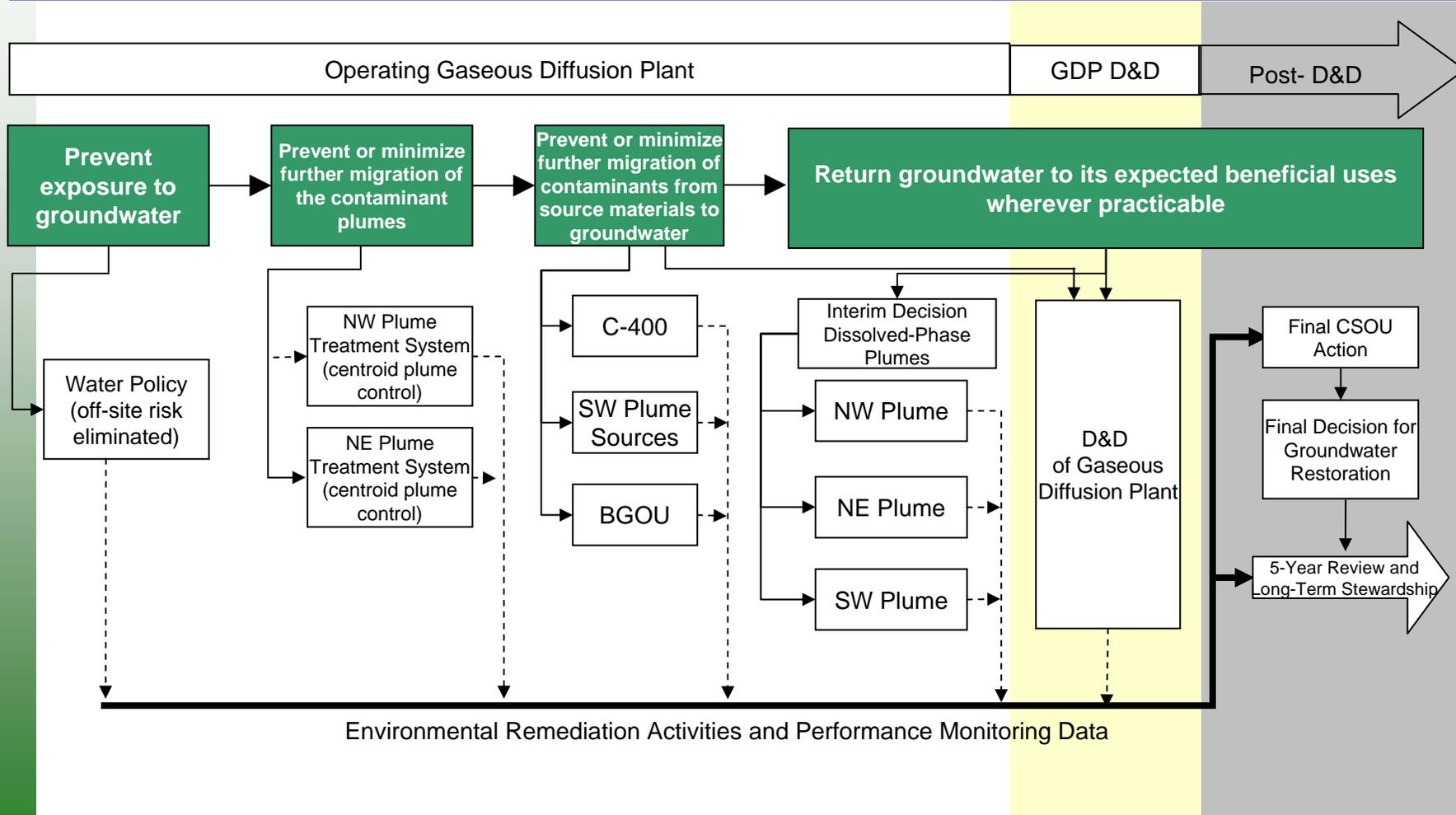
SMP Changes from FY05 to FY06

1. Revised SMP to align the interim Groundwater Dissolved-Phase Plume Project under the Groundwater OU rather than Soils OU
2. Added graph depicting strategy being followed to address groundwater contamination at PGDP (graphic on page 5)
3. Added a new enforceable milestone - Submittal of the Scrap Metal Removal Action Report documenting completion of the Scrap Metal Project
4. Updated Enforceable Timetables and Deadlines to reflect modifications approved by DOE, Kentucky and EPA



FY06 SMP Strategy

Paducah Groundwater Strategy





SMP Changes from FY06 to FY07

1. Appendix 5 (Enforceable Timetables and Deadlines; Planning dates with Long-Term Targets)
 - Modified enforceable due dates to reflect the latest modifications or pending modifications (already at EPA and KY for approval)
 - Added 3 new enforceable milestones: D1 C-746-A Removal Action Completion Report; D1 Remedial Investigation Work Plan for Soils OU; Remedial Investigation Report for the Burial Grounds Operable Unit
 - Added target date for Dissolved-Phase Plume Project ROD



SMP Changes from FY06 to FY07

2. Minor editorial changes such as:
 - Updated Paducah Groundwater Strategy diagram
 - Added actions completed in 2006 to section 2.2
 - Completion of removal and disposal of ~ 27,000 tons of scrap metal
 - D&D of C-402 Lime House
 - Start of C-400 Remedial Action Activities
 - Modified Appendix 1 (Actions taken to date) - grouped actions per Operable Units
 - Modified Appendix 4 to reflect status changes to several SWMUs where Kentucky has allowed no further action



Paducah Community Relations Plan

Community Relations Plan

- Primary document required by the Federal Facility Agreement (FFA) describing opportunities for effective public participation in the remediation decision process.
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What is Public Participation

- Public Involvement – opportunities to be involved with stakeholder groups, attend public meetings, or have access to information
 - Public Comment – opportunity for the public to provide written suggestions, comments or ideas relating to decision making documents
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Paducah Community Relations Plan

Chapter 1 – Overview of the Community Relations Plan

Chapter 2 – Capsule Site Summary

Chapter 3 – Community Profile

Chapter 4 – Public Participation Activities Under the Paducah FFA

Appendix A – Key Contacts

Appendix B – Public Involvement History

Chapter 4, Section 1- Information Resources and Public Involvement

- Describes information resources available to the public and mechanisms for access
 - Provides information on the available public involvement opportunities
 - Lists/describes stakeholder organizations
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Chapter 4, Section 2 - Decision Making and Public Involvement

- Addresses definitions and decisions made within the scope of the Paducah FFA and related public involvement opportunities.

Opportunities for Public Involvement

- **CAB**

DOE funded organization whose members represent stakeholders of communities surrounding the former Paducah Gaseous Diffusion Site

- **EIC** (Environmental Information Center)

DOE repository for site documents made available to the public

- **Public Meetings**

As needed

Opportunities for Public Comment

- **Major Modifications to the FFA**

- As needed

- **EECA's**

- Soils Operable Unit
- Surface Water Operable Unit
- C-342 Facility Disposition
- C-405 Facility Disposition

- **Proposed Plan**

- Southwest Plume Proposed Plan
- Burial Grounds Operable Unit
- CERCLA Cell

- **RCRA**
