

Welcome

Public Meeting ~ Waverly High School November 17, 2014

Topics

Proposed Plan: Process Buildings

Proposed Plan: Waste Disposition

Agenda for Tonight

- Welcome (5 min)
- DOE's Overview of the Decision Process (5 min)
- Highlights of the Two Proposed Plans (20 min)
- Ohio EPA & Ohio Department of Health Remarks (10 min)
- Informal Q&A (30 min)
 - -- Break -
- Public Comment Session #1: Waste Disposition
- Public Comment Session #2: Process Buildings



Five Key Decisions Provide the Cleanup Roadmap for PORTS

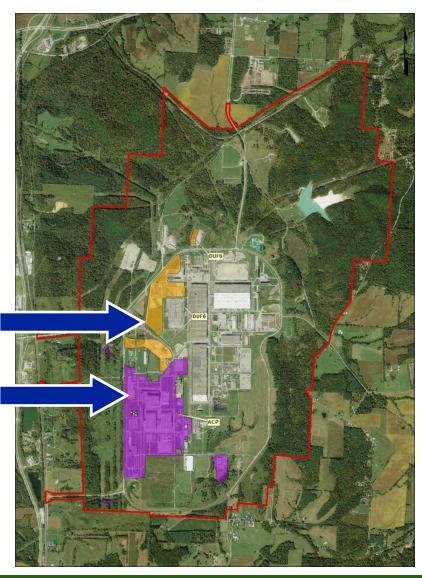
Decision	Final Decision Document	Anticipated Decision Date
D&D of 46 Support Buildings and Structures	Action Memorandum- DFF&O	Completed March 2012
Site-wide Waste Disposition Decision	Record of Decision - DFF&O	2015
D&D of Process Buildings & Complex Facilities	Record of Decision - DFF&O	2015
Contaminated Soil Remedy Decision	Soil Remediation Decision Document - Ohio Consent Decree	2016-2017
Groundwater Remedy Decision	Groundwater Remediation Decision Document - Ohio Consent Decree	TBD

Two of these decisions (in yellow) are the topics for tonight.

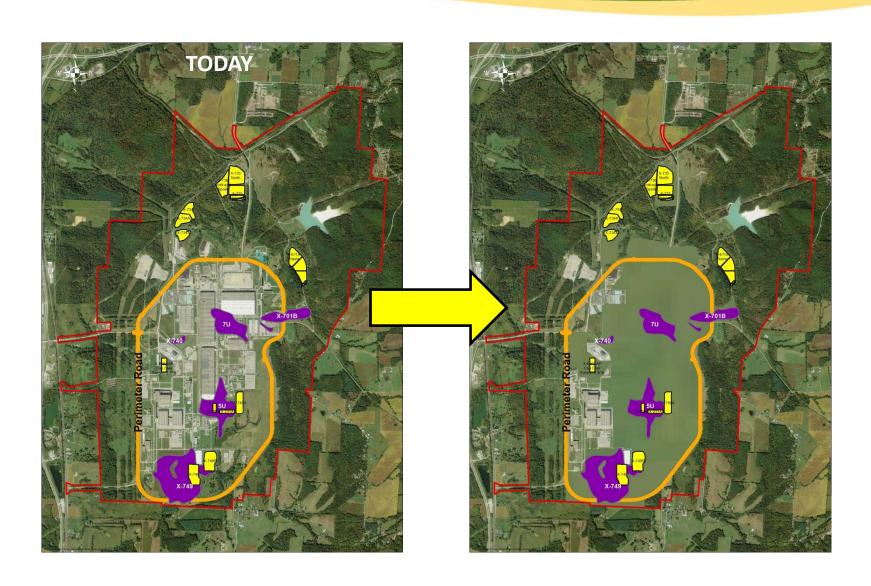
Two Operations at the Site are Not Part of These Decisions

DUF6 Conversion Project

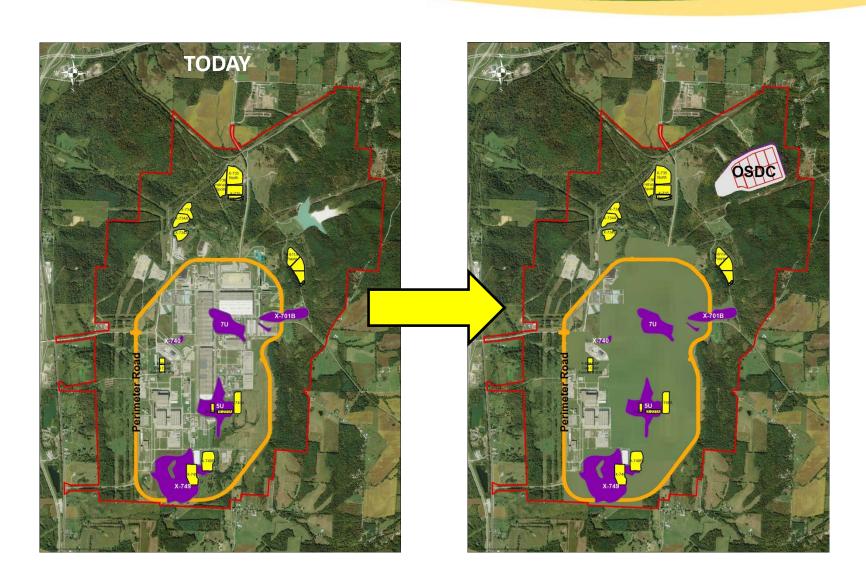
American Centrifuge Plant



The Preferred Alternatives Take Steps Toward a Final Cleanup End State

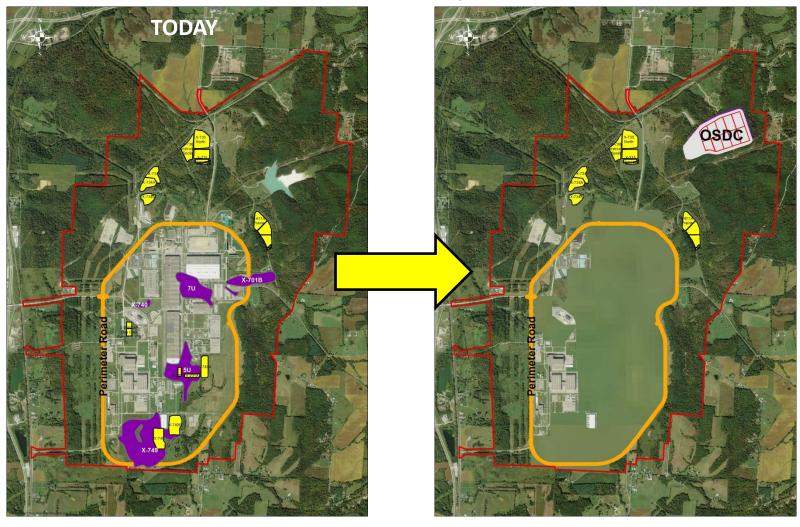


The Preferred Alternatives Take Steps Toward a Final Cleanup End State

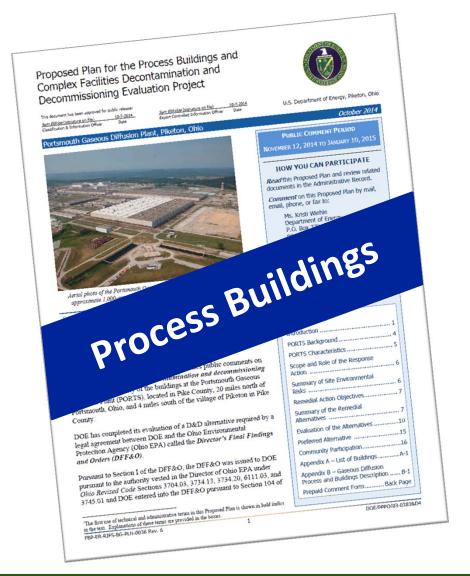


Cleanup End State After All 5 Decisions

Preferred Alternatives Take Two Steps Towards The End State



Proposed Plan for the Process Buildings





Process Buildings Proposed Plan Evaluated Two Alternatives

Two Alternatives:

- 1. No-Action.
- Remove Structures, Treat as Necessary, and Package Waste for Final Disposition.

Alternative 2 is DOE's Preferred Alternative.

Key Elements of the Preferred Alternative

- 1. Demolition of man-made structures.
- 2. Removal of materials for recycling.

3. Recovery of barrier material.

4. Deactivation/removal or redistribution of utility systems, as necessary.

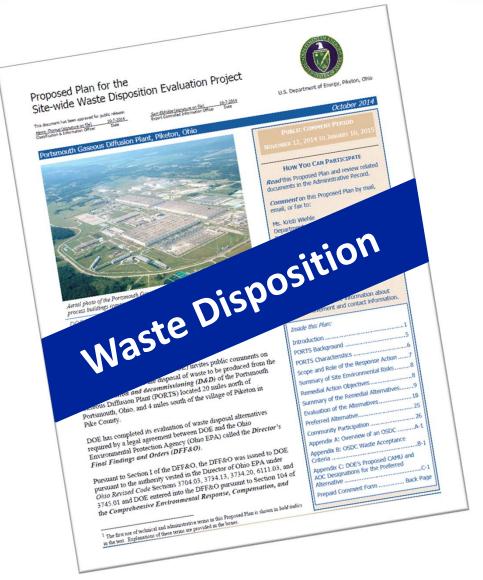
5. Preparation of waste for final disposition.





Why is Removing the Structures Preferred?

- There is no identified use.
- 2. Leaving the structures is not safe.
- 3. Removing the structures protects human health and the environment in the short-term and long-term.
- 4. Supports the potential for transfer of appropriate portions of the site back to the community for its use.



Proposed Plan for Waste Disposition



Waste Disposition Proposed Plan Evaluated Three Alternatives

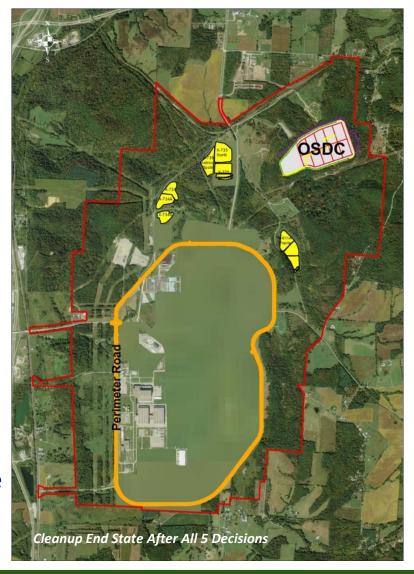
Three Alternatives:

- 1. No-Action.
- 2. Combination of On-Site and Off-Site Waste Disposal.
- 3. Full Off-Site Waste Disposal.

Alternative 2 is DOE's Preferred Alternative.

Key Elements of the Preferred Alternative

- 1. Construction of an on-site engineered disposal cell (OSDC) at the location with the best geology.
- 2. On-site disposal of waste that meets Ohio EPA approved waste acceptance criteria (WAC).
- 3. Off-site disposal of waste that does not meet WAC.
- 4. PORTS Gaseous Diffusion Plant waste only.
- 5. Continued recycling/reuse.
- 6. Opportunity to use soil from landfills and plumes as OSDC fill -- provides the potential for earlier transfer of appropriate portions of the site back to the community for its use.





On-Site Disposal Cell -- Location is Driven by Best Geology ("Bedrock")

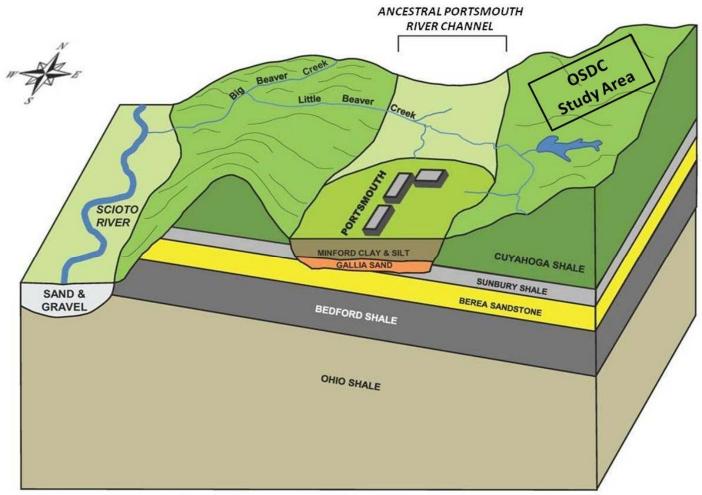
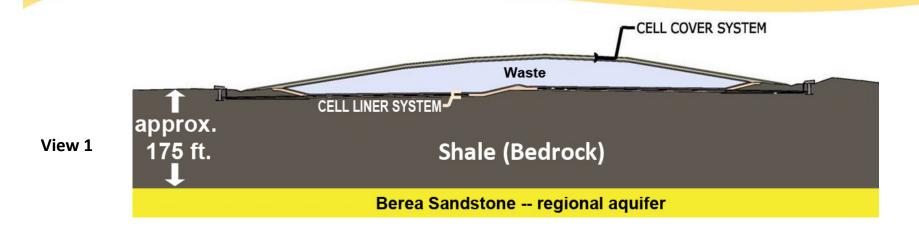
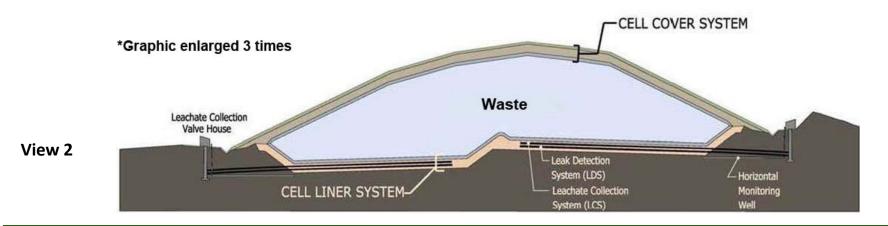


DIAGRAM IS VERTICALLY EXAGGERATED AND NOT TO SCALE



On-Site Disposal Cell -- Design Requirements Structured to Permanently Isolate the Waste





Continued federal ownership of the 100-acre disposal area.

Maintenance and monitoring to assure performance.

Special Regulatory Considerations

- 1. The preferred remedy has about 300 regulatory requirements known as Applicable or Relevant and Appropriate Requirements (ARARs).
- 2. Key ARARs are summarized in the Proposed Plan; all ARARs are activated when the Record of Decision (ROD) is finalized.
- 3. Of the 300+ requirements, some ARARs warrant special highlight tonight:
 - Because of the location of the best geology -- a waiver has been requested of Ohio EPA to allow the OSDC to be sited within 200 feet of a small stream.
 - Establishment of the OSDC as a <u>Corrective Action Management</u>
 <u>Unit (CAMU)</u> supports excavation of landfills and plumes for use as fill.

Why is Combined On-Site/Off-Site Disposal Preferred?

- 1. Protects human health, safety, and the environment.
- 2. Reliable over the long term.
- 3. Uses proven technologies.
- 4. Meets regulatory requirements.
- 5. Reduces transportation risks because less waste would be shipped off site.
- 6. Less costly.
- 7. Shortest time for waste disposal.

Opportunity to use soil from landfills and plumes as OSDC fill provides the potential for earlier transfer of appropriate portions of the site back to the community for its use.



Remarks from Ohio Environmental Protection Agency Maria Galanti



Remarks from Ohio Department of Health Mike Rubadue

INFORMAL QUESTIONS & ANSWERS





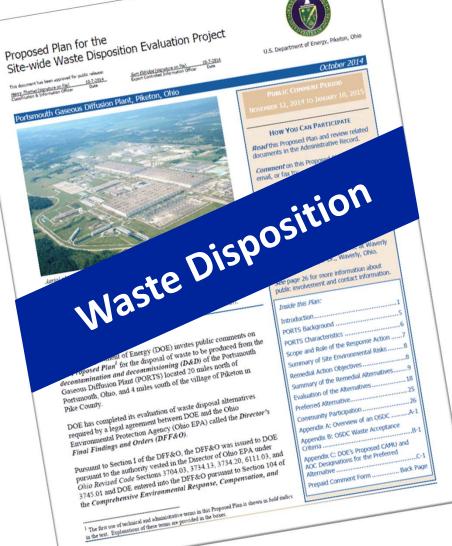
Have Questions After Tonight?

Contact:

Jeff Wagner, FBP: (740) 897-3933

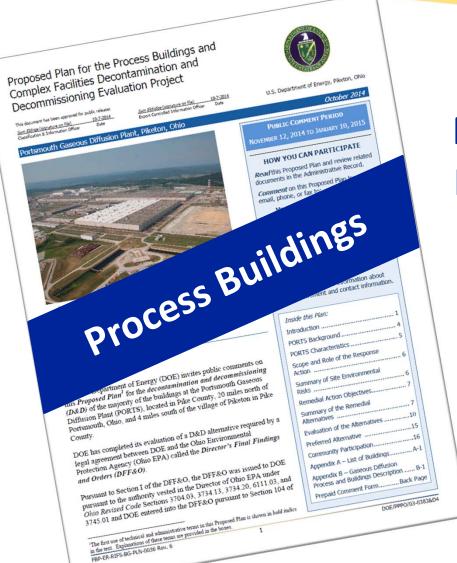
Karen Price, FBP: (740) 970-1239

FORMAL PUBLIC COMMENT SESSION #1



Proposed Plan for the Site-Wide Waste Disposition Evaluation Project

FORMAL PUBLIC COMMENT SESSION #2



Proposed Plan for the Process Buildings and Complex Facilities Evaluation Project



Have Questions After Tonight? Contact:

Jeff Wagner, FBP: (740) 897-3933

Karen Price, FBP: (740) 970-1239

Submit Comments Until January 10, 2015

Send by email, fax or postal mail using the contact information provided in each Proposed Plan.