



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

•OSU Endeavor Center • 1862 Shyville Road • Piketon, Ohio 45661 • (740) 289-5249 •

Proposed Agenda for the February 2, 2012 Board Meeting

Chair Richard H. Snyder	6 p.m. Call to Order, Introductions Review of Agenda Approval of January Minutes	
Vice Chair Val E. Francis		
Board Members Shirley A. Bandy L. Gene Brushart Martha A. Cosby Ervin S. Craft Franklin H. Halstead William E. Henderson II Brian F. Huber Sharon E. Manson Daniel J. Minter Michael E. Payton Cristy D. Renner Terri Ann Smith	DDFO Comments Federal Coordinator Comments Liaison Comments Presentations <i>Information Portfolio</i> Karen Price, Fluor-B&W <i>Fluor-B&W Community Commitment Plan Update</i> Jerry Schneider, Fluor-B&W Administrative Issues Subcommittee Updates Public Comments Final Comments from the Board	--15 minutes --10 minutes --10 minutes --20 minutes --10 minutes --10 minutes --25 minutes -- 5 minutes --15 minutes --10 minutes
Deputy Designated Federal Official Joel Bradburne		
DOE Federal Coordinator Greg Simonton		
	Adjourn	

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PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

Minutes of the Thursday, February 2, 2012, SSAB Meeting • 6 p.m.

Location: The Ohio State University Endeavor Center, Room 160, Piketon, Ohio

Site Specific Advisory Board (SSAB) Members Present: Chair Richard Snyder, Vice Chair Val Francis, Gene Brushart, Martha Cosby, Ervin Craft, Franklin Halstead, Brian Huber, Sharon Manson, Daniel Minter, Michael Payton, Cristy Renner

SSAB Members Absent: Shirley Bandy, William Henderson, Terri Ann Smith

U.S. Department of Energy (DOE) and contractors: Joel Bradburne, Greg Simonton, Bill Murphie, DOE; Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Rick Greene, Restoration Services, Inc. (RSI); Jerry Schneider, Marc Jewett, Karen Price, Dennis Carr, J.D. Chiou, Jennifer Chandler, Deneen Revel, J.R. Slater, Jim Thomson, Fluor-B&W Portsmouth (FBP)

Board Liaisons and Related Regulatory Agency Employees: Maria Galanti, Ohio Environmental Protection Agency (EPA); Mike Rubadue, Ohio Department of Health (ODH)

Facilitator: Eric Roberts, EHI

Public: Stephanie Howe, Scott Miller, Ohio University (OU); Mark Johnson, Tri-State Building and Construction Trades Council; David Manuta, MC2; Geoffrey Sea, Southern Ohio Neighbors Group (SONG); Maureen Fischels, Loren Genson, Chillicothe Gazette, Josh Lamerson, John Knauff, Carl Hartley

Approved by Richard Snyder, Board Chair

Richard Snyder

Call to Order:

Snyder: I would like to call the meeting to order.

Roberts: I would like to welcome everyone and I will be facilitating the meeting. There will be a public comment period after the presentations. The board should stay within its defined scope and follow the meeting ground rules adopted.

February Agenda:

Roberts: Are there any modifications or proposed changes to the February agenda?

- *Halstead:* I make a motion to approve the February agenda, *Manson:* I second the motion
 - *Motion carried, agenda approved*

January Minutes:

Roberts: Are there any modifications or proposed changes to the January minutes?

- *Manson:* I make a motion to approve the January minutes, *Halstead:* I second the motion
 - *Motion carried, minutes approved*

DDFO comments provided by Joel Bradburne, Deputy Designated Federal Official (DDFO)

- Plant Updates
 - Process Building D&D
 - Balance of Plant D&D
 - Support Activities
 - Asset Recovery
 - Waste Disposition
 - Environmental Remediation
 - DUF6 Conversion Plant
- Regulatory Progress
 - Regulatory Decisions and Document Strategy-Integrated Target Schedule
 - The Disposal Decision
 - The Disposal Decision: Off-Site
 - The Disposal Decision: On-Site and Off-Site
 - Developing Waste Acceptance Criteria
- Public Outreach
- Upcoming Events

A copy of the DDFO presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Question/Comment:	Answer:
<p><i>Brushhart:</i> What becomes of the cylinders?</p> <p>Are the cylinders shipped off-site?</p> <p>What is the risk of a cylinder leaking? They have been out there a long time.</p>	<p><i>Bradburne:</i> The cylinders go into the DUF6 facility and the process removes the Hydrofluoric acid and converts the other material into a stable powder that gets disposed.</p> <p>Yes, but right now Nevada is raising an issue with disposal of this material, so currently we are not shipping any materials because of concerns at the Nevada site. We are working to address how to handle this material. This is a good example of how the community can decide what goes or does not go in a disposal cell.</p> <p>We have a surveillance program. The cylinders are in a group that is routinely inspected, and there is a visual indicator that shows if there is a leak. There is routine maintenance for all cylinders</p>
<p><i>Snyder:</i> Is 31 the number of cylinders that have been</p>	<p><i>Roberts:</i> 541 metric tons is what number the</p>

<p>processed to date? On the recycling pie chart, a percent must be Southern Ohio Diversification Initiative (SODI).</p> <p>The Sanitary and waste is the waste that goes to the Pike Sanitation.</p>	<p>SSAB was provided. Bradburne: Yes, the bulk is what SODI has recycled, all the recycling goes thru SODI.</p> <p>Yes, that is correct.</p>
<p>Minter: Talking about public outreach, I went to a science fair, and there was no other site representation except BWCS. This seems like an event the site should participate in. I also thought some of the SSAB might be willing to volunteer with the science fairs.</p>	<p>Bradburne: I will follow up. I thought we had some volunteers on a list to go.</p>

Federal Project Coordinator comments provided by Greg Simonton, Federal Project Coordinator:
Simonton: The virtual museum is a neat web site. There are historical documents like old site newsletters. I saw people that I grew up with the reining Mr. Goodyear is in our audience tonight, **Mark Johnson**. The museum is a connection to the past. I have a couple of updates. Treatment of off-site sewage; Pike County is doing a few administrative things on the project once it gets the final clearance. Its schedule shows it going out to bid in early spring to do construction. We are working on the transfer of the well fields to the village of Piketon to help it meet its needs. We will be running test on the wells, and raw water. We are in the survey and sampling phases now. It will still take some time to complete, but we are making progress.

Liaison Comments provided by Maria Galanti, Ohio EPA

Galanti: We just completed the RI/FS work plan and faxed it to DOE, just a few things to iron out. It is complete. I went to the 605 well fields at Van Meter’s in Piketon and it had been vandalized. It had been opened up and oil had been spilled. You do not have to wait to talk to EPA at a public meeting. You are welcome to call me anytime.

<p>Francis: When the wells are transferred to Piketon then who will be monitoring them? Will it be Ohio EPA?</p>	<p>Galanti: Yes, it would be regulated by EPA.</p>
<p>Minter: The vandalism did not happen because of the confusion of who is responsible for the wells?</p>	<p>Bradburne: We are subject to the same vandalizing, as anyone else would be. Because of the copper value, they have even tried to take the line wires.</p>
<p>Snyder: What is the turnover date for the wells? Is there some way you can work something out with Piketon so it could go ahead and increase its surveillance of the wells?</p>	<p>Simonti: No date set yet, but it will still be several months. Bradburne: We are trying to make it less attractive to vandalism.</p>

Liaison comments provided by Mike Rubadue, ODH

Rubadue: **Galanti** covered everything we are currently working on.

Presentations:

Information Portfolio presentation delivered by Karen Price, FBP

- Upcoming Recommendation Requests
- Portfolio Updates: February
 - Waste Disposition and Recycling Subcommittee
- March Look-Ahead
 - Waste Disposition and Recycling
 - Environmental Cleanup and Land Preparation

A copy of the Information Portfolio presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Question/Comment:	Answer:
<p>Snyder: At the last board, meeting the cost was to be given at this board meeting.</p> <p>Is the impact of the regional area going to be included in OU's evaluation?</p>	<p>Price: Yes, I know but we promise to have the cost to you at the subcommittee meetings on February 15th. I will not be delivering the cost on the D&D, I know we ask for a recommendation, but we will just have to wait until we can get all the information to you.</p> <p>The impact is the economic impact for the dollars.</p>
<p>Francis: Can OU include in their socioeconomic evaluation what economic impact an on-site cell will have after it is closed? Can OU add that to its model? We have to be ready in 12 years.</p>	<p>Price: What you are saying is what the long-term affect is.</p> <p>Howe: We can show how the job changes.</p>

FBP Community Commitment Plan presentation delivered by Jerry Schneider, FBP

- Raising regionalization to a new level
- Four Categories of Commitment
- Educational outreach summary
- MOU with Wilberforce (OH) University
- Regional Purchasing Listing
- Economic Development Work On Track
- Regional Planning Process Progressing
- Draft Regional Economic Development Strategy
- Role of DOE Site in economic development
- Chamber speakers: Take Regionalization to Next Level for Economic Success
- Community Commitment Plan Report

A copy of the Fluor-B&W Community Commitment Plan presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Question/Comment:	Answer:
<p>Payton: You stated \$6,000 went to six regional institutions of higher education. What six schools received the money?</p>	<p>Schneider: Ohio U-Chillicothe, Shawnee, Vern Rife, Buckeye Hills. The Joint Vocational Schools (JVSs)</p>
<p>Minter: \$36,000 in the schools is great. How about the Science Fair programs, what if one student could win a scholarship? Lead by example, have someone speak at the science fairs or with school settings. They would like to have more speakers, talking about things besides just nuclear. Also FBP should help to develop core training and give accredited hours for the awareness programs both to employees and coordinated with the local universities.</p>	<p>Schneider: I was disappointed when you said that they had low attendance. That is a great idea. I will bring it up.</p>
<p>Snyder: Pike County has a 15% unemployment rate. How many new jobs has FBP brought to the plant in support of the cleanup?</p>	<p>Schneider: I do not know the answer to that.</p>
<p>Brushart: Pike County is the highest unemployment rate in the state. Is the cleanup work going to hire local folks?</p>	
<p>Renner: In research I have done there had been 3000 employees and in 2000 it dropped to 1700.</p>	
<p>Frances: We need to know what skill level they</p>	<p>Schneider: We do have a work force development</p>

<p>need to be able to do the work the businesses need. You cannot move forward until you face the problem and prepare. Businesses need to let the workers know what they need in the future, so they can get some training.</p>	<p>plan.</p>
<p><i>Craft:</i> We have people trained through our union who are now laid off.</p>	

Administrative Issues:

Environmental Cleanup & Land Preparation Subcommittee Update by subcommittee chair Cristy Renner

Renner: The Environmental Cleanup & Land Preparation subcommittee met on January 10, 2012, and it was a good meeting. We discussed the ROD scope and the cost of the buildings going down. At the public meeting on January 31st, a lot of the comments that I heard were from laborers and they were saying FBP is tearing down the buildings, that's our job.

Waste Disposition & Recycling Subcommittee Update by subcommittee vice-chair Dan Minter

Minter: The Waste Disposition and Recycling Subcommittee met on January 10, 2012. *Dennis Carr, Marc Jewett* and *Karen Price* discussed the waste disposition information portfolio in detail with the subcommittee.

Executive Subcommittee Update by chair Dick Snyder

Snyder: The Executive Subcommittee met on January 26, 2012. The subcommittee talked about membership. We should have six new members join us in June 2012. We discussed new membership training to catch them up to date. We talked about upcoming recommendations on waste disposition and process D&D, the public meeting and the national chairs meeting coming up in April.

Public Comment:

Knauff: I am from Highland County. The workforce has concerns about DOE and FBP cutting the wages of workers and not repairing the parking lot. Shower rooms and the steam plant are also in bad shape. Hot water runs out before we can take our showers. The workers want to help do the D&D. I do not think leaving any waste is going to help bring business to the area.

Slater: I agree with Mr.Knauff. I have done some checking on the shipping cost to ship to Nevada. The cost of trucking is \$12,000 per load. Why don't we buy our own trucks. We have a garage to work on them. The cost could be cut in half. I was told that if the cell did leak it is designed to run right back into the plant area. Who would want to have a business here knowing that?

Manuta: I have been volunteering at science fairs for 30 years. There is gold in those cylinders that could be reclaimed.

Sea: If you have not seen the document film that *John Knauff* was in, you really need to watch it, it is very interesting. There was a discharge/ leak on January 23 into the west side creek. Ohio EPA was told and nothing was done. Because of the DOE ACP project, there is no commercial interest in development here. You have not done the work to get them here. You have to disclose the bad stuff that has happened here or no one will want to come. The local media told the community that there would be a nuclear reactor on this site. That is not true.

Fischels: I am a fenceline neighbor asking the same questions since September without an answer. I wrote something last night, sent it in an e-mail to the SSAB and EPA, and have not received a response. I want DOE to put in writing what will happen to the value of my property.

Final Comments from the board:

Huber: The fenceline neighbors meeting did not have a good enough outreach. More residents should have been contacted. Maybe invite everyone within a mile from the plant. They are concerned with the quality of life, and property values. After everything is completed, I believe the property values will be better than

they are now. I have been asking for a walk through the woods and have not been allowed yet. Not long ago hunters were allowed to hunt without a guard, so why can't a group just walk out freely? I am not sure that a cell is right for our area. The cell has to be safe for 1000 years, but trees will grow on it within 800 years and the roots could get into the cell.

Brushart: Many of the descendants from Shyville are still living around here.

Payton: I have learned a lot about Pike County in the last four years by being on the board.

Cosby: Huber talked about the hunters being able to hunt freely on the site property a few years ago. My husband was one of them. Not everyone was allowed and they had to have plant clearance, which is not easy to get. Also, about the comment regarding the trees growing on the cell, it would be part of the maintenance people's job to make sure trees did not grow on the cell.

Roberts: Ms. Fischels, we did receive your e-mail this morning, but did not think myself or my staff could answer that question and we are checking on a response before getting back to you.

Snyder adjourned the meeting.

Next Meeting Thursday, March 1, 2012, 6 p.m.

The Paducah site will be hosting the National Chairs meeting April 16-19.

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

Joel Bradburne, PORTS Site Lead
U.S. Department of Energy



Portsmouth Site Specific Advisory Board
February 2, 2012

Agenda

- ▶ Plant Updates
- ▶ Regulatory Progress
- ▶ Public Outreach
- ▶ Upcoming Events





D&D: Process Buildings



Asbestos Abatement in the X-333 Process Building Dry Air Plant.



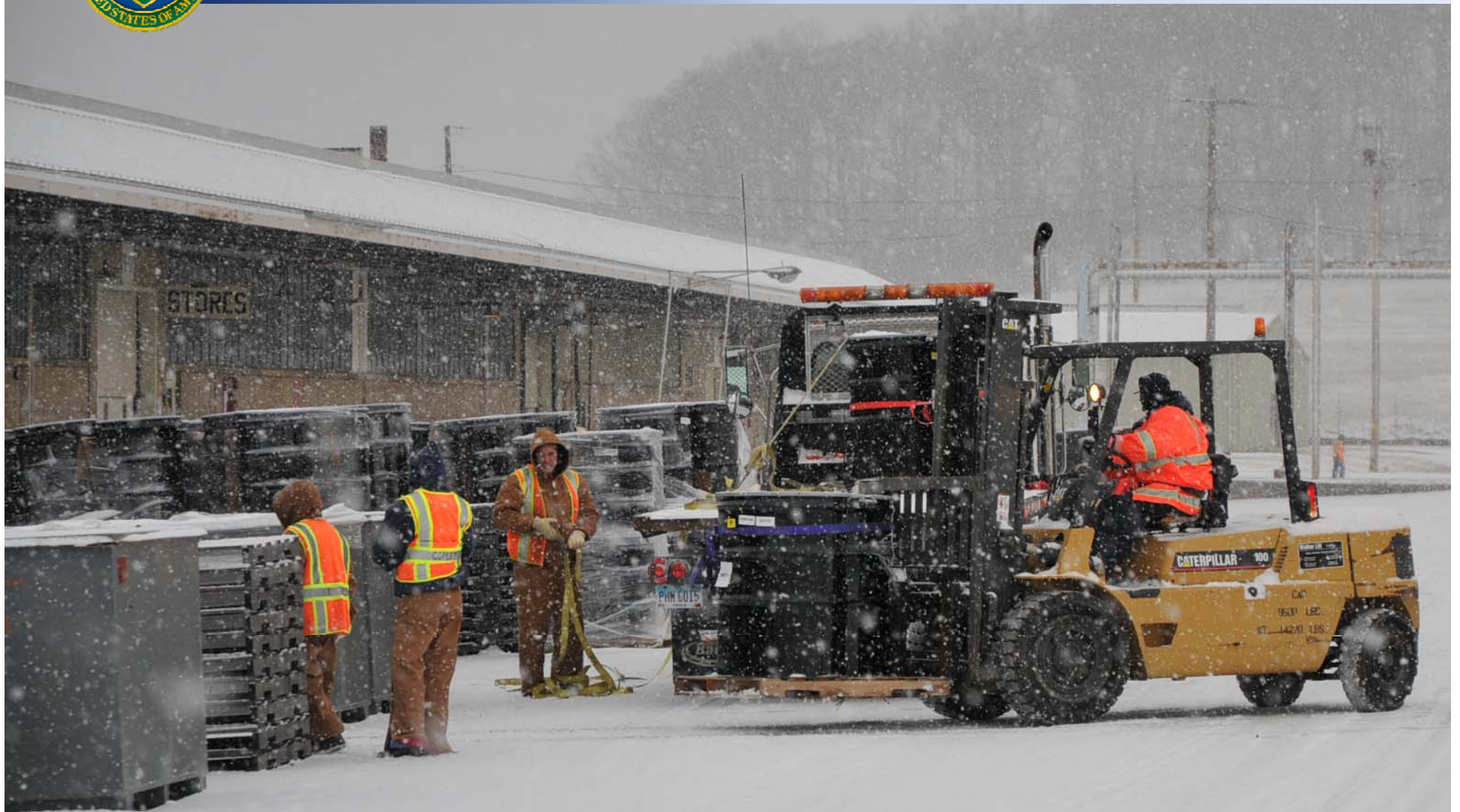
D&D: Balance of Plant



Construction of the X-100 Trailer Complex is on schedule for March.



D&D: Support Activities



Workers manage inventory for use on the D&D project.



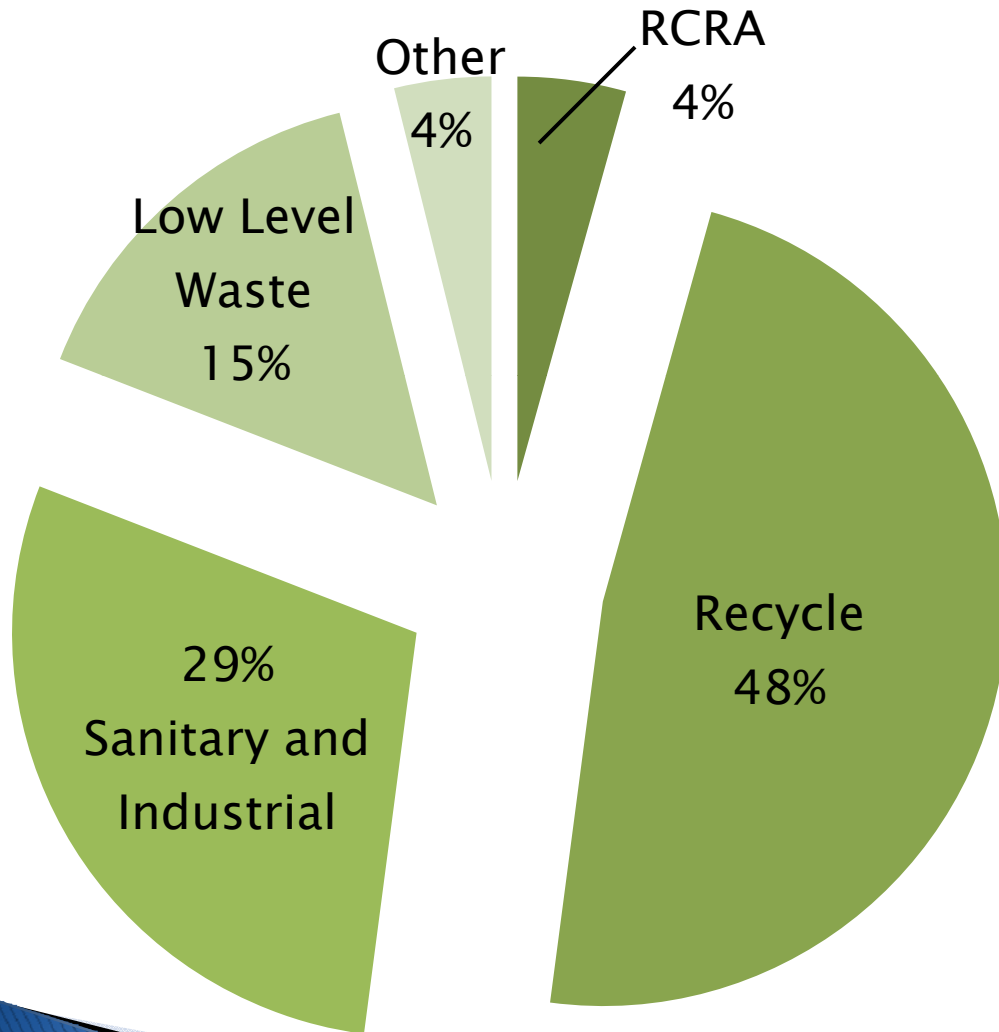
Asset Recovery



Items in the X-720 Machine Shop are being screened for recycle.



Waste Disposition



More than
22 Million Pounds of
waste have been
shipped off site since
March 29, 2011

-estimated since March 29, 2011



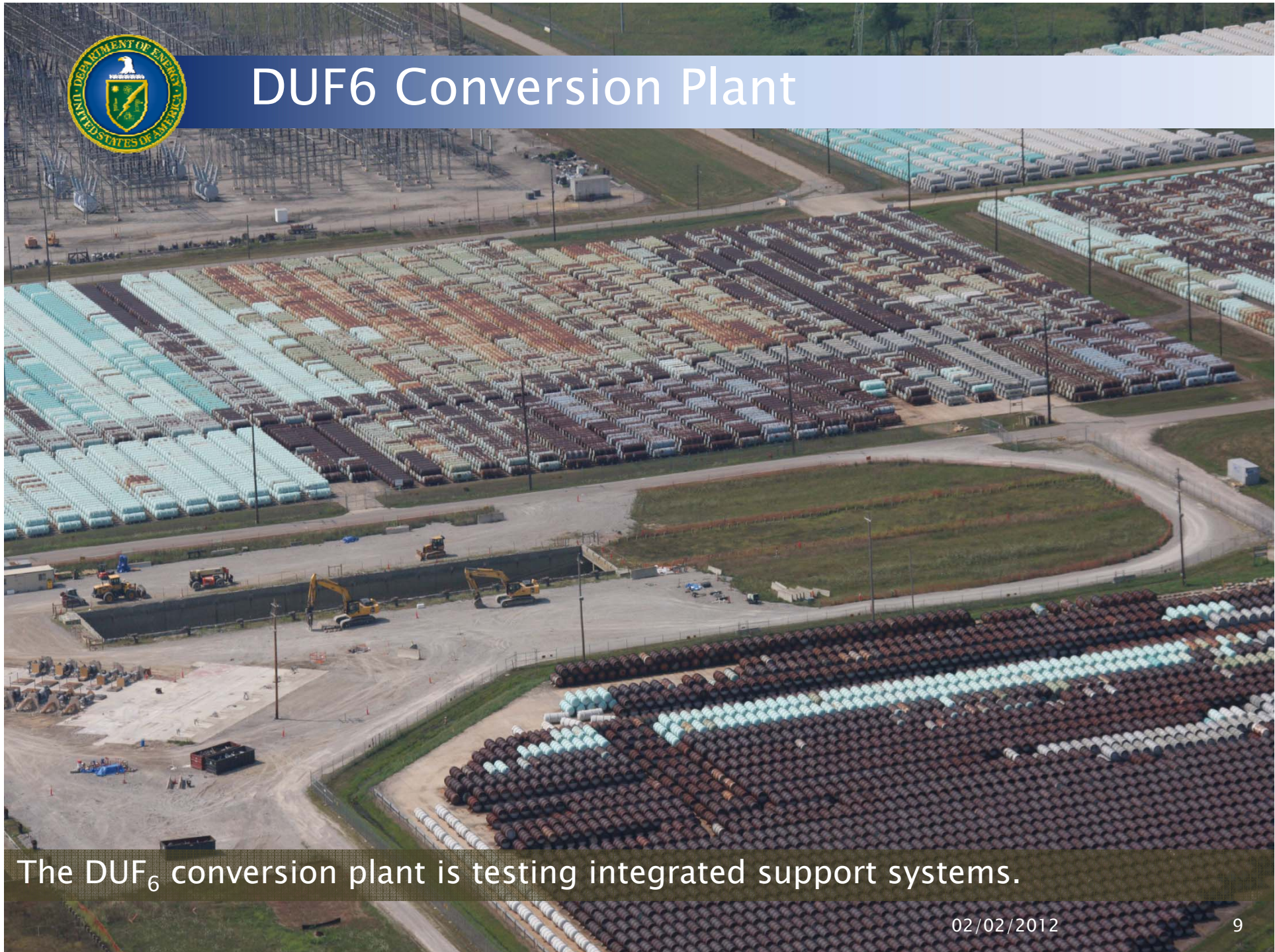
Environmental Remediation



25.2 million gallons of groundwater treated, 316 pounds of TCE removed.



DUF6 Conversion Plant



The DUF₆ conversion plant is testing integrated support systems.



Regulatory Progress

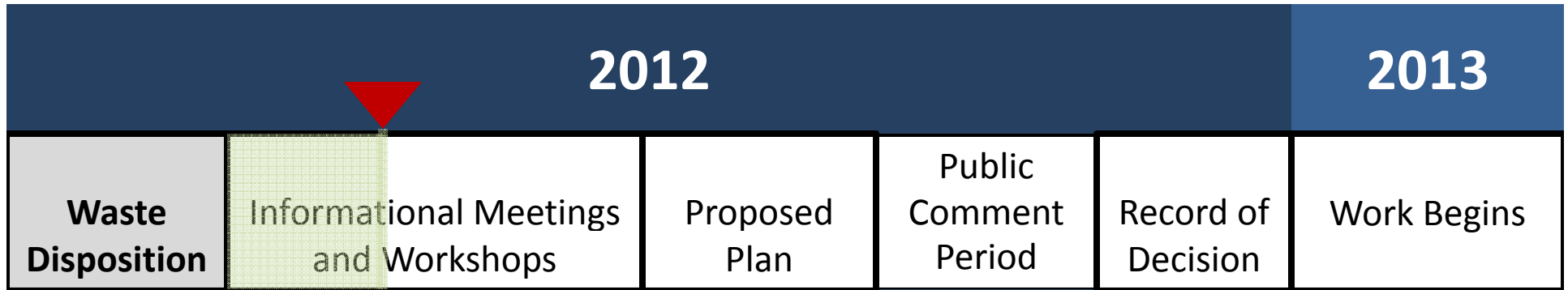
2012					2013
Process Building D&D	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
Waste Disposition	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins

2013					2014
RCRA Soil Decision	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins



Regulatory Progress

The Disposal Decision



Participating in the process:

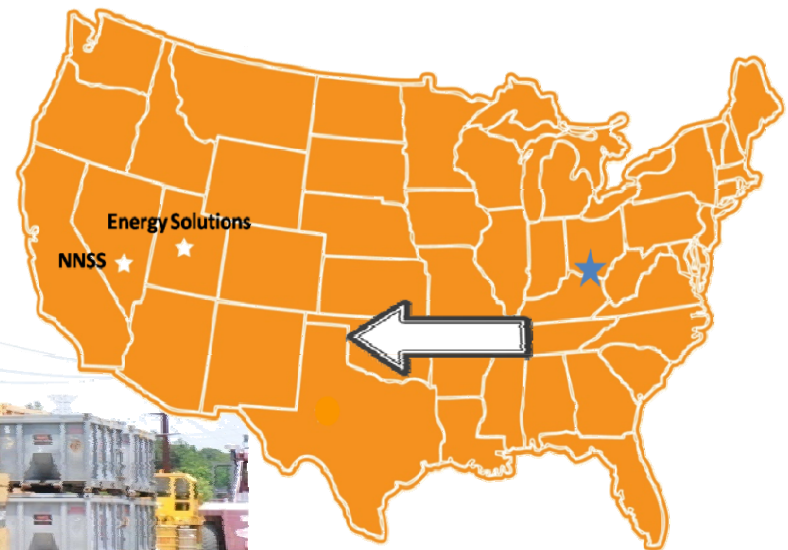




Regulatory Progress

The Disposal Decision: Off-Site

Ship all soil, debris, and equipment to off-site disposal facilities.



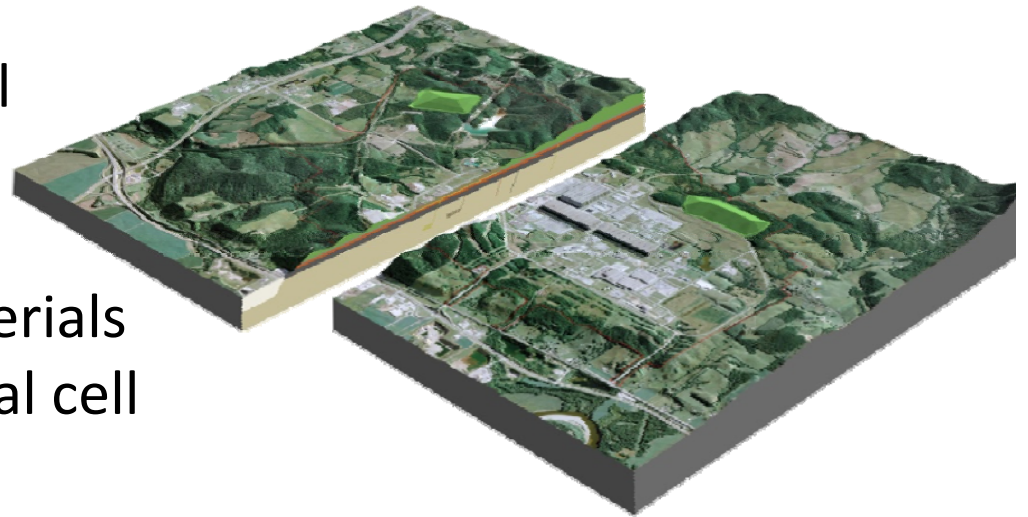


Regulatory Progress

The Disposal Decision: On-Site and Off-Site

Ship material with high concentrations of contaminants off site, and build a new on-site disposal cell for material with low concentrations of contaminants.

- Low contamination material
- NO WASTE FROM OFF SITE
- Permanent care by DOE
- Highest contamination materials prohibited in on-site disposal cell





Regulatory Progress

Developing Waste Acceptance Criteria

- Concentration Limits
- Radionuclides
- Chemicals
- Excess Lifetime Cancer Risk
- Hazard Index

Quantitative Factors

Material must be disposed
Off-Site

Waste Acceptance Criteria

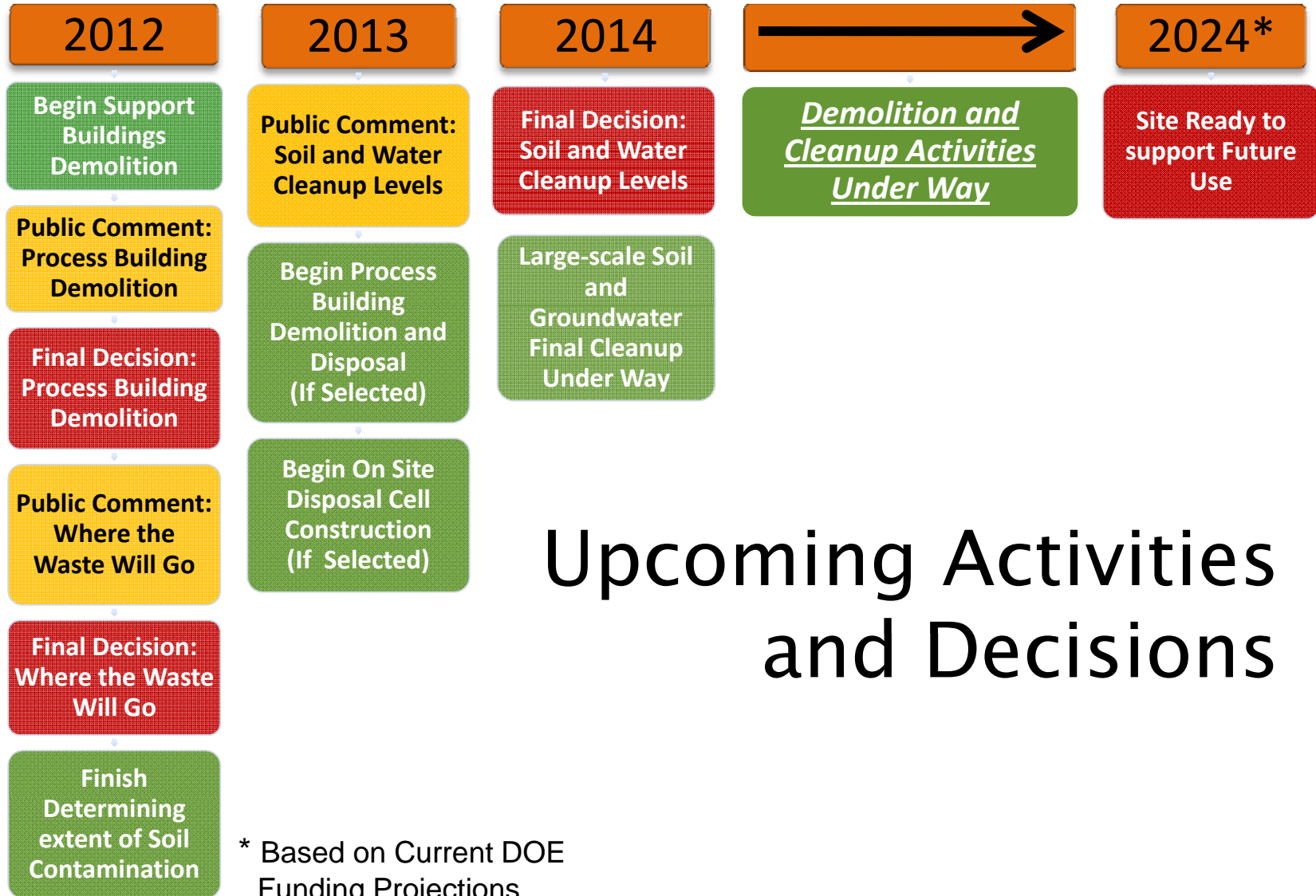
Material can be disposed
On Site

Qualitative Factors

- Size Restrictions
- Condition
- Packaging
- Safe Handling
- Security
- Quality Control
- Transportation
- Record Keeping
- Administrative
- Community Values



Regulatory Progress



Upcoming Activities and Decisions

* Based on Current DOE Funding Projections



Public Outreach



The DOE Site Neighbors Meeting on January 12 was well attended.



Public Outreach



Students at Piketon High School are encouraged to pursue careers in science.



Public Outreach



More than 240 members of the public attended the Quarterly Public Meeting.



Public Outreach

*Launch date:
January 31, 2012*

More than
1,000 different visitors
from 26 states and 2
countries.



<http://www.portsvirtualmuseum.org>



Upcoming Events

MARK YOUR
CALENDAR!



SSAB Subcommittee Meetings

at Endeavor Center in Room 160

4:30 p.m. Waste Disposition and Recycling

5:45 p.m. Environmental Cleanup and Land Preparation

7:00 p.m. Site Legacy



SSAB Full Board Meeting

6:00 p.m. at Endeavor Center in Room 160



SSAB Subcommittee Meetings

at Endeavor Center in Room 160

4:30 p.m. Waste Disposition and Recycling

6:30 p.m. Environmental Cleanup and Land Preparation

Community Commitment Plan

Report To: Portsmouth EM Site Specific Advisory Board
2 February 2012

Raising regionalization to a new level

By Jerry Schneider, Senior Manager, Public Affairs

Four Categories of Commitment

- Educational Outreach
- Community Giving
- Regional Purchasing
- Economic Development



Educational outreach summary

- Science, Technology, Engineering, Math grants: \$36,000 (6 regional institutions of higher education received \$6,000 each)
- Subcontracted services sought from Shawnee State, Ohio University Voinovich School
- Summer internship program for 19 students from 10 universities

MOU with Wilberforce (OH) University



- First with Historically Black University
- Includes internships, guest lecturers, faculty input
- Nuclear Engineering BA planned with University of Cincinnati

Regional Purchasing Listing

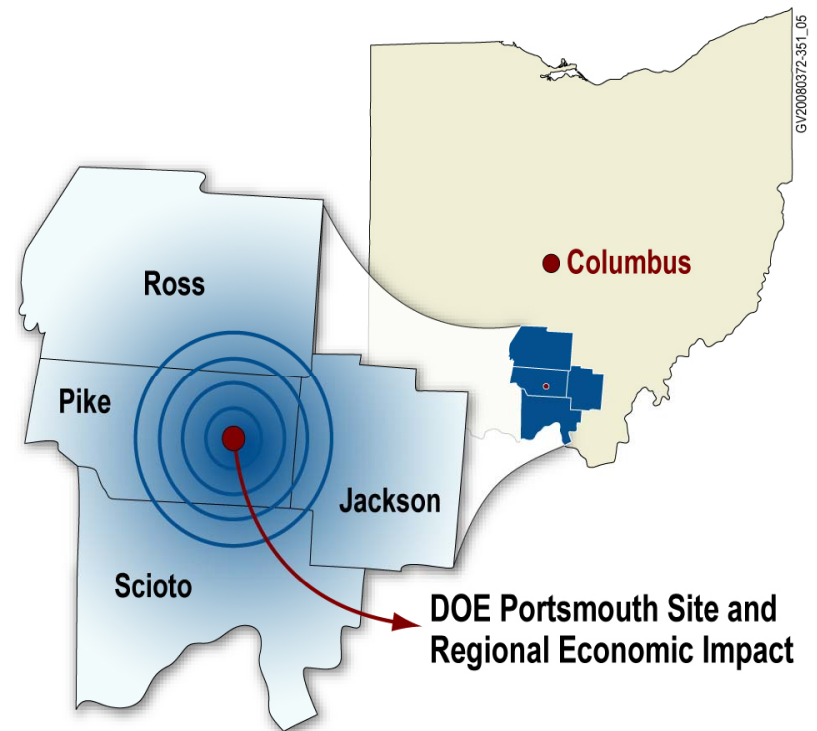
SSAB request: examples of materials, services procured

Tools	Personal Protective Equipment	Coal (S/SDB)	Software, IT equipm't	Print, TV ads
Water	Office Supplies	Lumber	Sanitary Waste Disposal	Trailers
Salt	Professional Services	Chemicals	Equipment Rentals	Vehicle Rentals

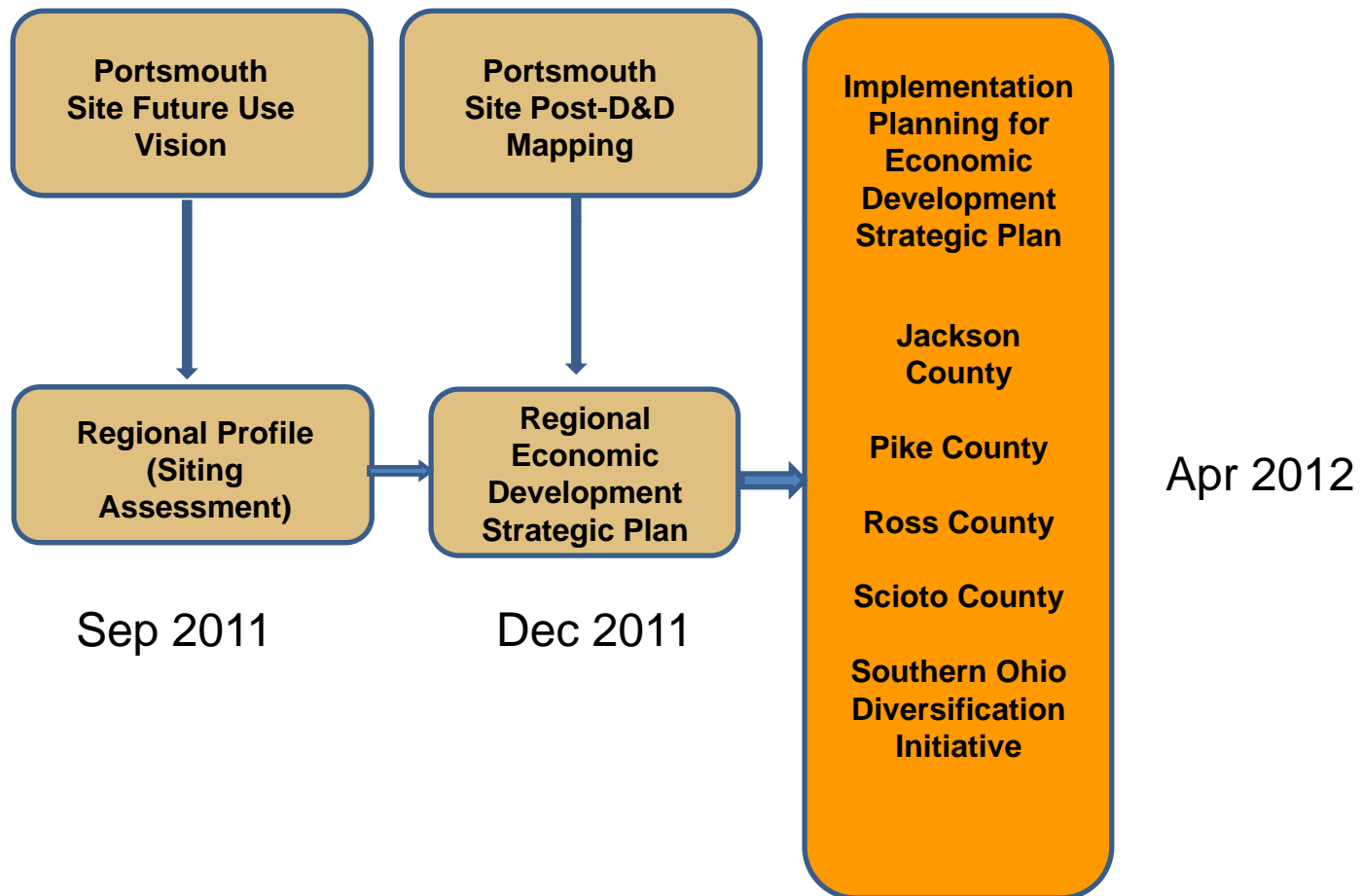
Economic Development Work On Track

- Contribute to economic stabilization, growth of four counties around Site
- Regional Planning Process
To identify, showcase counties' combined strengths, capabilities

Regional Economic Impact



Regional Planning Process Progressing



Draft Regional Economic Development Strategy

- SODI, economic development leads from 4 counties reviewing through February
- Recommended actions
 - Laying program's foundation
 - Short-term results
 - Longer term execution strategies
 - Assigned responsibilities
- Roll out: SSAB, public, media, individuals

Role of DOE Site in economic development

- Smaller role for next 5-10 years
- Industrial, commercial reuse challenging until cleanup complete
- Government missions always possible, but highly competitive
- Infrastructure for modern industrial processes needed
- Most land is buffer: lacking access, utilities

Chamber Speakers: Take Regionalization to Next Level for Economic Success

- Ken Reed, Pike County Development Director
 - “Regionalization is the way to go”
 - “Rising tide lifts all boats”
- Val Francis, SSAB Chairman
 - “Regionalization is absolutely going to happen”
 - Be ourselves; look to our assets
 - “Get behind” economic developers
 - Develop more relationships with elected officials

Community Commitment Plan Report

Questions?

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www.fbportsmouth.com

SSAB Information Portfolio

*By Karen Price, Fluor B&W Portsmouth
February 2, 2012*

Upcoming Recommendation Requests



- Request recommendation on acceptability of waste disposition alternatives
- Request recommendation on acceptability of process building remediation alternatives

Portfolio Updates: February

Waste Disposition and Recycling Subcommittee

Waste Disposition

- Short Term Effectiveness
- Cost
- Schedule
- Impact on site and regional employment
- Long term impact or benefit to the community
- Transportation Metrics and Risk
- Post Cleanup Configuration Site Map

March Look-Ahead



Waste Disposition and Recycling

Waste Disposition

- Socioeconomic evaluation
- Waste Acceptance Criteria

Landfill Consolidation Information

- Known information – Contents and Volumes
- Current remedy configuration and performance
- Site conditions and underlying geology
- Major uncertainties and risks
- Excavation

March Look-Ahead

Environmental Cleanup and Land Preparation

Future Use

- Master Plan for post-cleanup configuration work

Process Building D&D

- Complete cost data