



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the January 5, 2012 Board Meeting

Chair Richard H. Snyder	6 p.m. Call to Order, Introductions Review of Agenda Approval of December 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 Roger G. Scaggs Terri Ann Smith	DDFO Comments Federal Coordinator Comments Liaison Comments Presentations <i>Site Characterization, Habitat and Land Use Mapping and Data/Wildlife Management Plan - Summary of Year 1 Field Work and Data Collection</i> Bob Eichenberg and Rob Wiley, Ohio University <i>Information Portfolio</i> Karen Price, Fluor-B&W <i>Fluor-B&W Community Commitment Plan Update</i> Jerry Schneider, Fluor-B&W	--15 minutes --10 minutes --10 minutes --20 minutes --10 minutes --10 minutes
Deputy Designated Federal Official Joel Bradburne	Administrative Issues Subcommittee Updates Public Comments Final Comments from the Board	--25 minutes -- 5 minutes --15 minutes --10 minutes
DOE Federal Coordinator Greg Simonton	Adjourn	

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PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

Minutes of the Thursday, January 5, 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, Shirley Bandy, Gene Brushart, Martha Cosby, Ervin Craft, William Henderson, Brian Huber, Sharon Manson, Daniel Minter, Cristy Renner

SSAB Members Absent: Franklin Halstead, Michael Payton, Terri Ann Smith

U.S. Department of Energy (DOE) and contractors: Joel Bradburne, Greg Simonton, 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, Julie Loerch, Frances Mullins, Fluor-B&W Portsmouth (FBP)

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

Facilitator: Eric Roberts, EHI

Public: Stephanie Howe, Ani Ruhil, Ohio University (OU); Mark Johnson, Tri-State Building and Construction Trades Council; David Manuta, MC2.; Geoffrey Sea, SONG; Raymond Fischels

Approved by Richard Snyder, Board Chair

Richard Snyder

Call to Order:

Francis: 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.

January Agenda:

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

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

December Minutes:

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

- **Snyder:** I make a motion to approve the December minutes, **Renner:** 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
 - Waste Disposition
 - Waste Shipped Off-site
 - Asset Recovery
 - Environmental Remediation
- Regulatory Progress
 - Regulatory Decisions and Document Strategy-Integrated Target Schedule
- Public Outreach
- Calendar

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

Question/Comment:	Answer:
<p>Huber: How many cylinders have the DUF6 plant processed?</p> <p>I have asked for a foot tour of the woodlands, including the potential on-site waste disposal cell sites C and D, habitat survey area, archeology study area and any other areas that other SSAB members are interested in seeing. Can we get a tour together?</p>	<p>Bradburne: I am not sure of the exact amount of cylinders. The last couple of months they have been running some start up testing. Over the holidays they ran one line, but not up to production mode yet.</p> <p>I have no issues setting up a tour, the problem is we cannot have one person at a time and we have to keep everyone safe and sound</p>
<p>Minter: Can we get an actual number of cylinders processed for the next meeting?</p> <p>Has a letter been sent out to the bordering neighbors regarding the fenceline neighbors meeting?</p>	<p>Bradburne: Yes I can get the numbers</p> <p>Yes, Fluor-B&W has sent out notifications about the fenceline neighbors meeting on January 12th</p>
<p>Brushart: Is the focus on people whose property border the plant, or is the meeting open to everyone?</p>	<p>Bradburne: The target is the fenceline neighbors.</p>

Federal Project Coordinator comments provided by Greg Simonton, Federal Project Coordinator:

Simonton: I do not have any comments at this time.

Liaison Comments provided by Maria Galanti, Ohio EPA

Galanti: We have a lot to do with approvals with the Remedial Investigation/Feasibility Study (RI/FS) process building, and a few other technology documents. Working with the X-701B groundwater reviews.

Liaison comments provided by Joe Crombie, ODH

Crombie: I do not have any comments at this time.

Presentations:

Site Characterization, Habitat and Land Use Mapping and Data/Wildlife Management Plan-Summary of Year 1 Field Work and Data Collection delivered by Bob Eichenberg and Rob Wiley, OU

- Background
- Habitat and Land Use Study Area
- Overview
- Project Rationale and Objective
- Methods and Processes
- Habitat Delineation Concepts
- Supporting Data
- GIS: Aerial Image
- Surface Analysis: LiDAR*Returns
- Surface Analysis: Digital Elevation Model
- Surface Analysis: Topography and Drainage
- Surface Analysis: Slope
- Surface Analysis: Aspect
- Tree Canopy Heights
- Infrastructure
- Field DATA COLLECTION METHODS
- Field Plot Setup
- Quantitative Field Sampling Plots
- Field Plot Setup Bottom Land Hardwood Forest
- Field Plot Setup
- Field Data Collection
- Shallow Soil Assessment
- Field Tools
- Data Collected in Quantitative Plots
- Data Storage and Analysis
- Field Data Entry
- Quantitative Field Database Structure
- Data Collected in QA/QC Plots
- QA/QC Sampling Data Sheets
- QA/QC Sampling Grid
- Data Analysis
- Plant Species
- Age of Habitats
- Species List
- Species Dominance
- Habitat Delineation Process
- Some Preliminary Observations
- Indiana Bat Habitat
- Bottomland Hardwood Forest
- Mesic Forest
- Successional Forest
- Wet Meadow
- Successional Meadow

- Palustrine Emergent Wetland
- Uncommon Plants
- Weeds!
- Big Trees
- Wildlife
- Next Steps to Project Completion in Fall of 2012
- Next Steps to Project Completion
- TICKS!

A copy of the Site Characterization, Habitat and Land Use Mapping and Data/Wildlife Management Plan-Summary of Year 1 Field Work and Data Collection can be viewed on the SSAB web site.

Question/Comment:	Answer:
Crombie: How big is the circle on page 18?	Eichenberg: 10 meters radius. The smaller, white circles are one meter.
On one of your data slides you talked about biomass, what does that cover?	Wiley: Biomass covers any quality of a living thing. Like cubic feet of wood per acre.
Snyder: What is Ohio RET?	Wiley: Ohio rare endangered threat.

Information Portfolio presentation delivered by Karen Price, FBP

- Process Building D&D
 - Waste Disposition-Waste Streams
 - Process Building Decontamination and Decommission (D&D)

A copy of the Information Portfolio presentation is available on the SSAB web site.

FBP Community Commitment Plan presentation delivered by Jerry Schneider, FBP

- Four Categories of Commitment
- Community Giving Report
- Regional Purchasing
- Economic Development Work On Track
- Regional Planning Process Progressing
- Draft Regional Economic Development Strategy
- State, Regional Collaboration update
- Community Commitment Plan Report

A copy of the Fluor-B&W Community Commitment Plan presentation can be viewed on the SSAB web site.

Question/Comment:	Answer:
Francis: What kind of businesses are in the \$27.1 million in procurements? It would be interesting to see a breakout of how much in what type of business.	Schneider: Mechanical, sanitation, hardware, lumber, equipment, catering, services, supplies
Minter: Is there a way to track how many jobs are created because of the plan?	Schneider: No, it cannot be tracked. It has been tracked at other sites, but everyone was always discussing who gets the credit. Fluor-B&W wants to shoulder up with entities such as SODI and OhioMeansJobs and have a grand total of jobs being created.
Cosby: I would like to thank FBP for its donation to the National Association for the Advancement of Colored People (NAACP). The NAACP (branch) serves a three county area, Jackson, Gallia, Lawrence counties. We also help Pike county because it does not have a NAACP branch.	

Administrative Issues:

Snyder: I would like to report on the Intergovernmental Meeting I attended in December. It was a very good meeting. It was interesting to see what Environmental Management (EM) is focusing on these days, like streamlining the budget. Interfaced with state representatives, it was interesting to see their views, but I was disappointed that there were no representatives from this area. Shelly Cimon from the Hanford Site and I were the only SSAB members attending. I would encourage you all to sign up next time and if funds are available, maybe we can send you.

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

Comments from the board:

Renner: FBP is having a Public Meeting Jan 31st. As a board member, we have seen different areas with different types of cells. In the 10-year plan, the future use is nuclear energy. We will be ready. If our D&D goes out 25 to 30 years, we will be too late to take advantage of these opportunities.

Huber: I would like to see EHI arrange for the Site Legacy Subcommittee to meet because we have not met for a few months. I would like an update on the virtual web site, archeology study.

Henderson: I would like a follow-up on the fracking education. OU said they could help us with some training on this and I would like to see this happen. Before people in this area are taken advantage of, like the surrounding areas have been.

Public Comment:

Sea: The Portsmouth plant has been shut down for more than 10 years. There is no reason for the secrets and classified information. I was disappointed when the question was ask about declassifying some of the information and Joel answered that they are waiting on headquarters and no one from the board had any follow-up questions. No businesses will want to locate on the site if they do not declassify that information. They will want to know what was here.

Manuta: The barrier is the technology. I do not think that they do not want to release the information, but because of lost, shredded materials, the information is not available. If you are tearing down the X-100-type buildings, which includes the hospital, please make sure they get all the file cabinets and all files out before the wrecking ball hits it, or that information will be lost, too. I will be testifying on a trial in West Virginia on fracking in February and this trial will affect what happens in Ohio.

Final Comments from the board:

Brushart: I would like to thank whoever is responsible for the Christmas Dinner at the golf course. It was very nice.

Francis adjourned the meeting. *Next Meeting Thursday, February 2, 2012, 6 p.m.*

Action Items:

- Galloway to send Galanti a copy of the “Nuclear Waste Dump” petition that is being circulated in the area.
- EHI to set up a meeting for the Site Legacy subcommittee in February as requested by Huber.
- EHI will get an update from OU about a fracking workshop as requested by Henderson.
- EHI will work with FBP and DOE about setting up a foot tour of the woodlands, including the potential on-site waste disposal cell sites C and D, habitat survey area, archeology study area and any other areas that other SSAB members are interested in seeing, as requested by Huber.

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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



Portsmouth Site Specific Advisory Board
January 5, 2012

Agenda

- ▶ Plant Updates
- ▶ Regulatory Progress
- ▶ Public Outreach
- ▶ Calendar





Plant Updates



▶ FBP is the DOE's Portsmouth Gaseous Diffusion Plant D&D contractor.



▶ USEC operates the American Centrifuge Project and recently returned the gaseous diffusion plant back to DOE.



▶ WEMS is the Facility Support Services contractor for infrastructure maintenance, training, security and other site services.

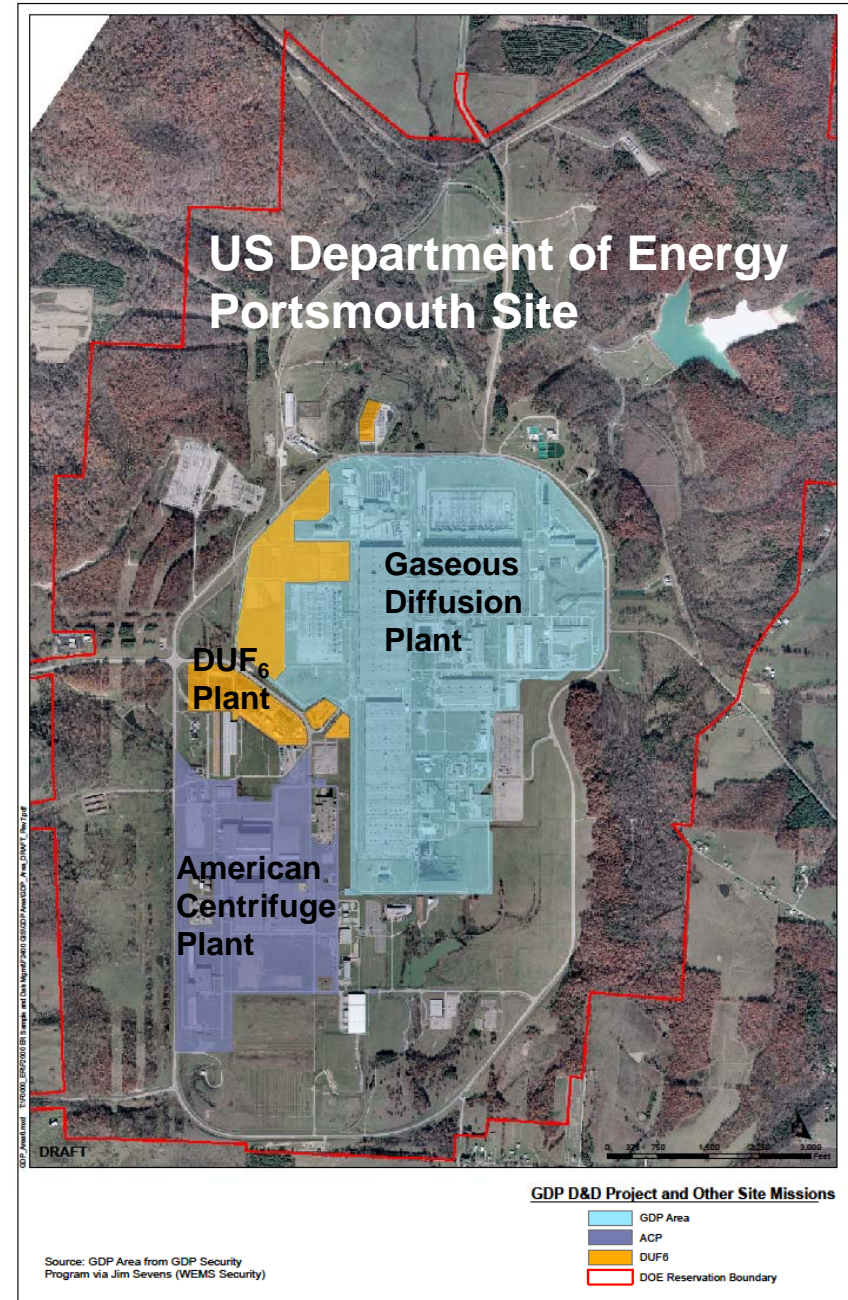


▶ BWCS operates the DOE DUF₆ plant, which takes depleted uranium hexafluoride and converts it for reuse or disposal.



Restoration Services, Inc.

▶ RSI is the ETS contractor that assists DOE with strategic planning, oversight, regulatory support and technical support.





Plant Updates



Process Building D&D



Several activities are ongoing to safely prepare the three main process buildings for demolition.



Plant Updates



Balance of Plant D&D

Preparing to demolish the X-100 Building



01/05/2012



Plant Updates

Waste Disposition



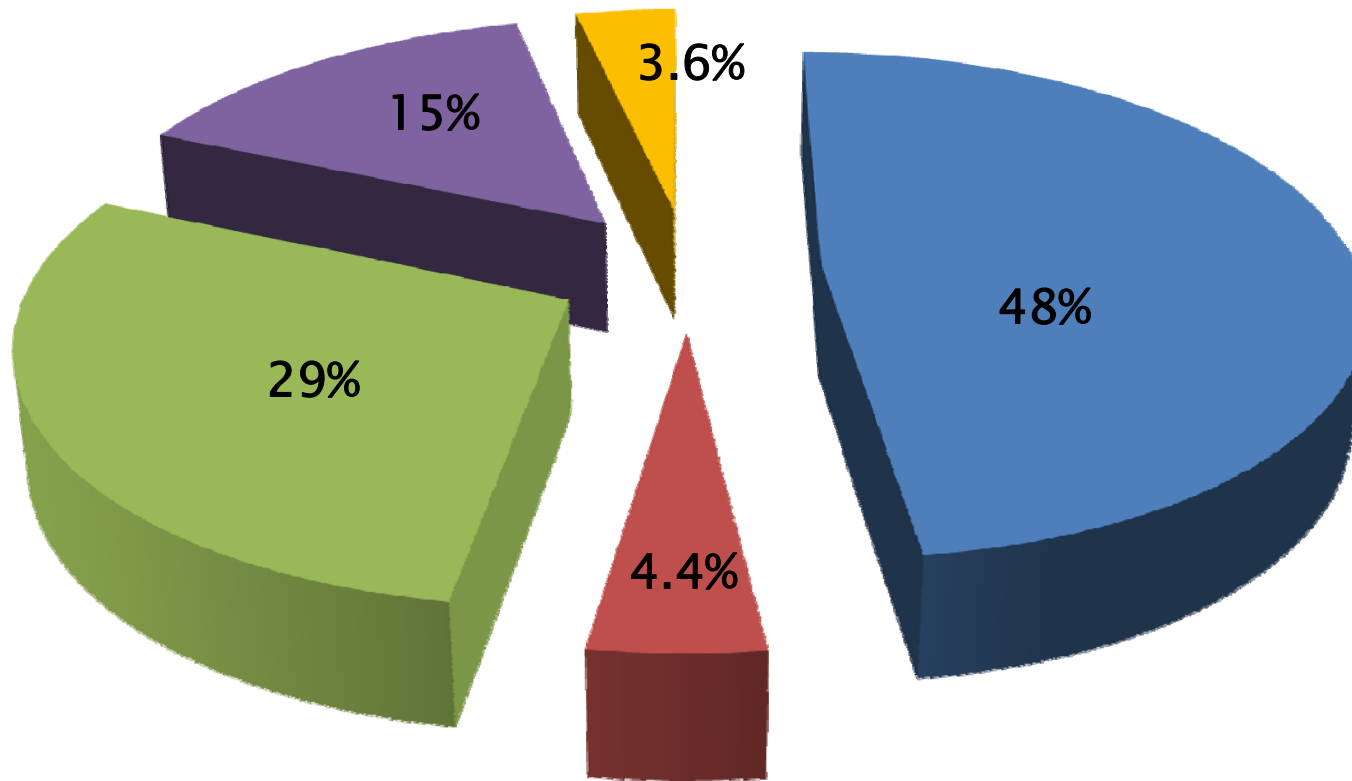
Small cylinders in the X-345.





Plant Updates

Waste Shipped Offsite



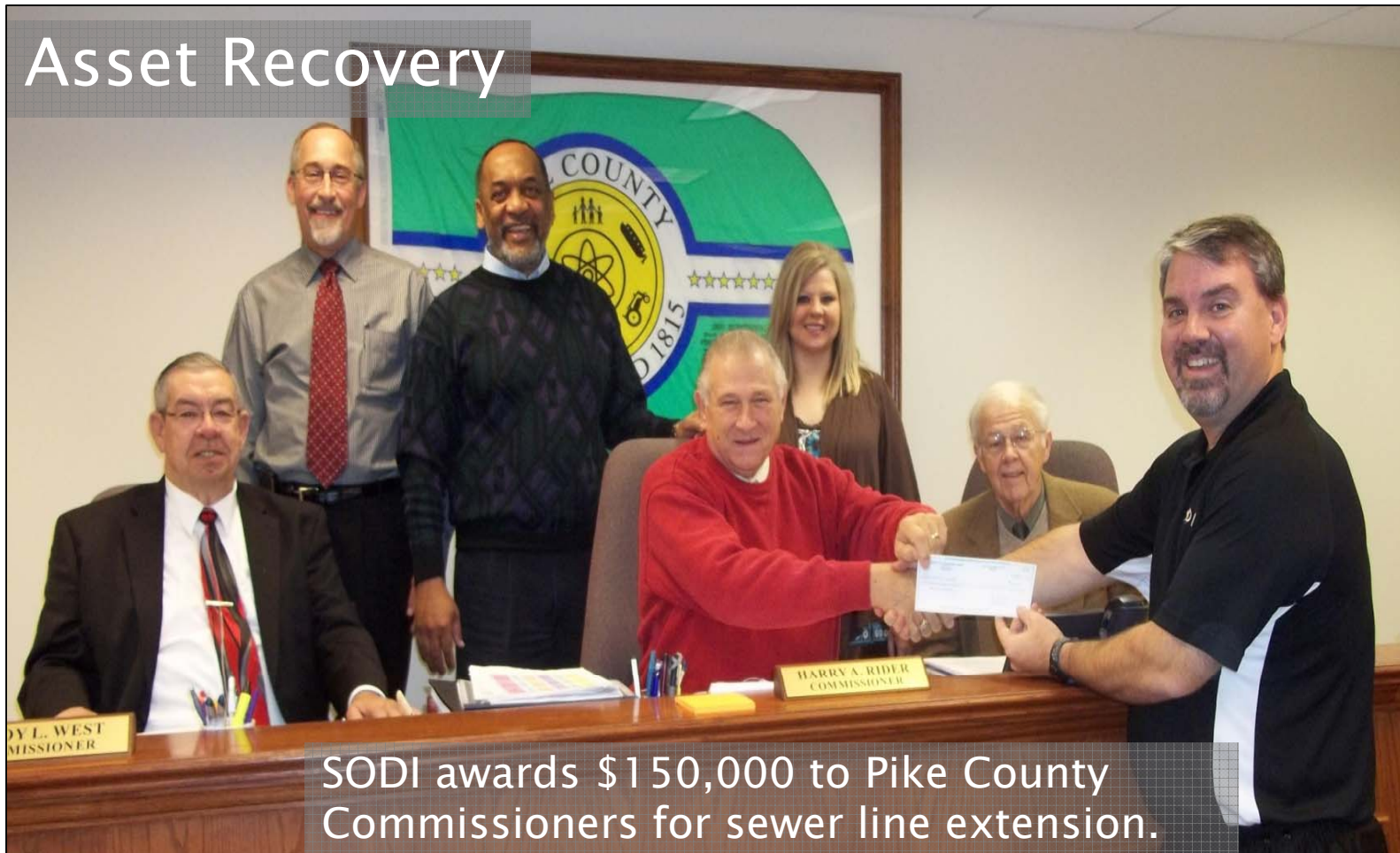
■ Recycle ■ RCRA ■ Sanitary ■ Low-Level Waste ■ Other

*estimated since March 29, 2011



Plant Updates

Asset Recovery



SODI awards \$150,000 to Pike County Commissioners for sewer line extension.



Plant Updates

Environmental Remediation

Treated nearly **22.7 Million Gallons** of groundwater

Removed nearly **280 pounds** Trichloroethylene

Injected more than **116,000 gallons** of sodium lactate at the 7-Unit Area to treat groundwater.

*estimated since March 29, 2011

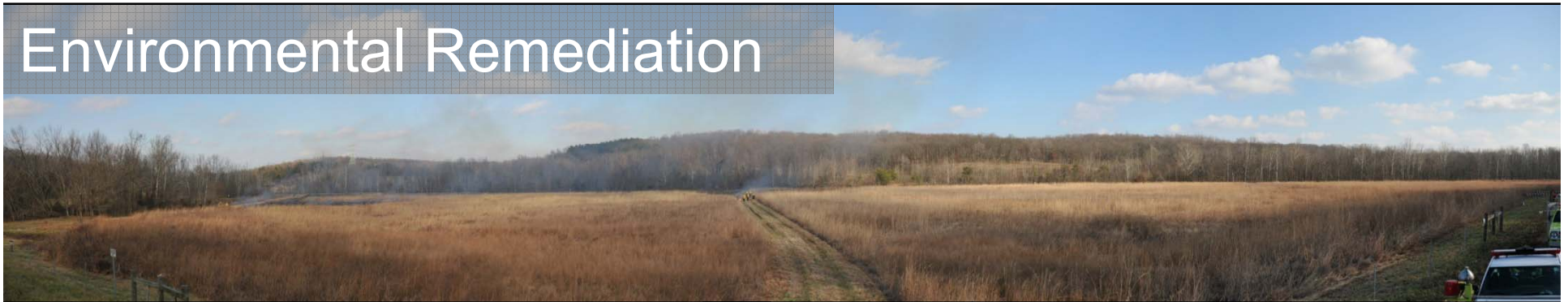
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Plant Updates

Environmental Remediation



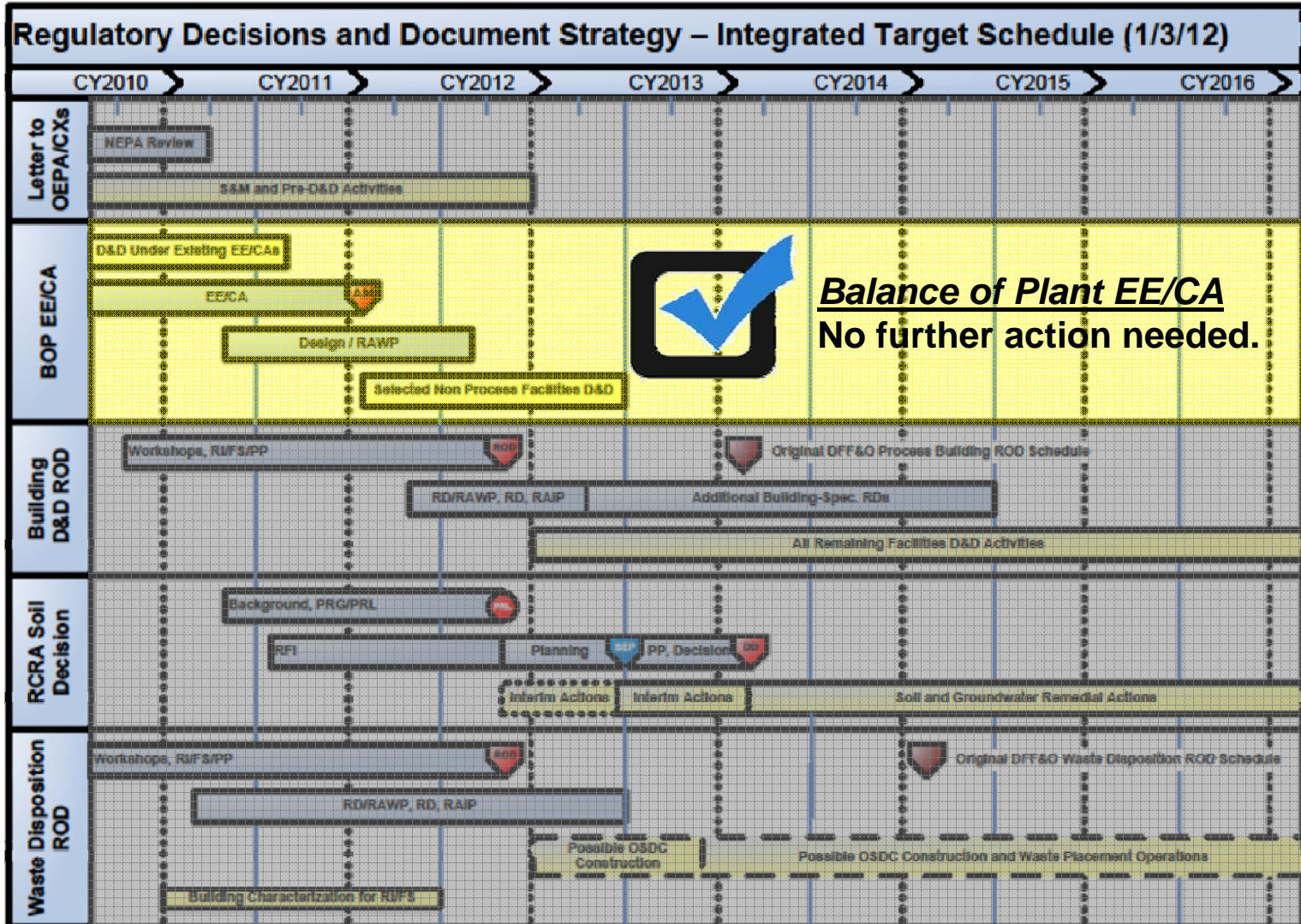
X-611A Prairie controlled burn.

01/05/2012

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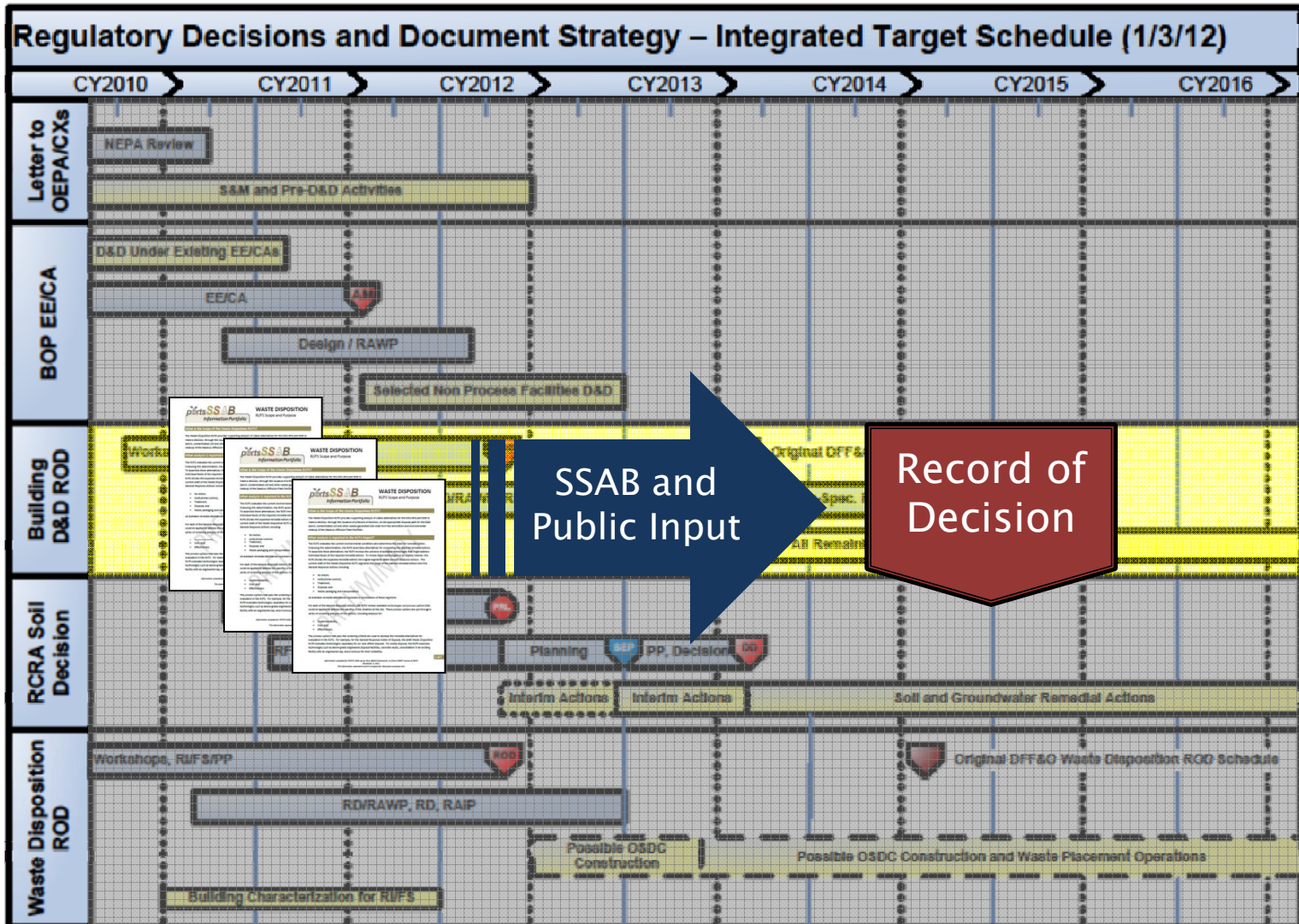


Regulatory Progress



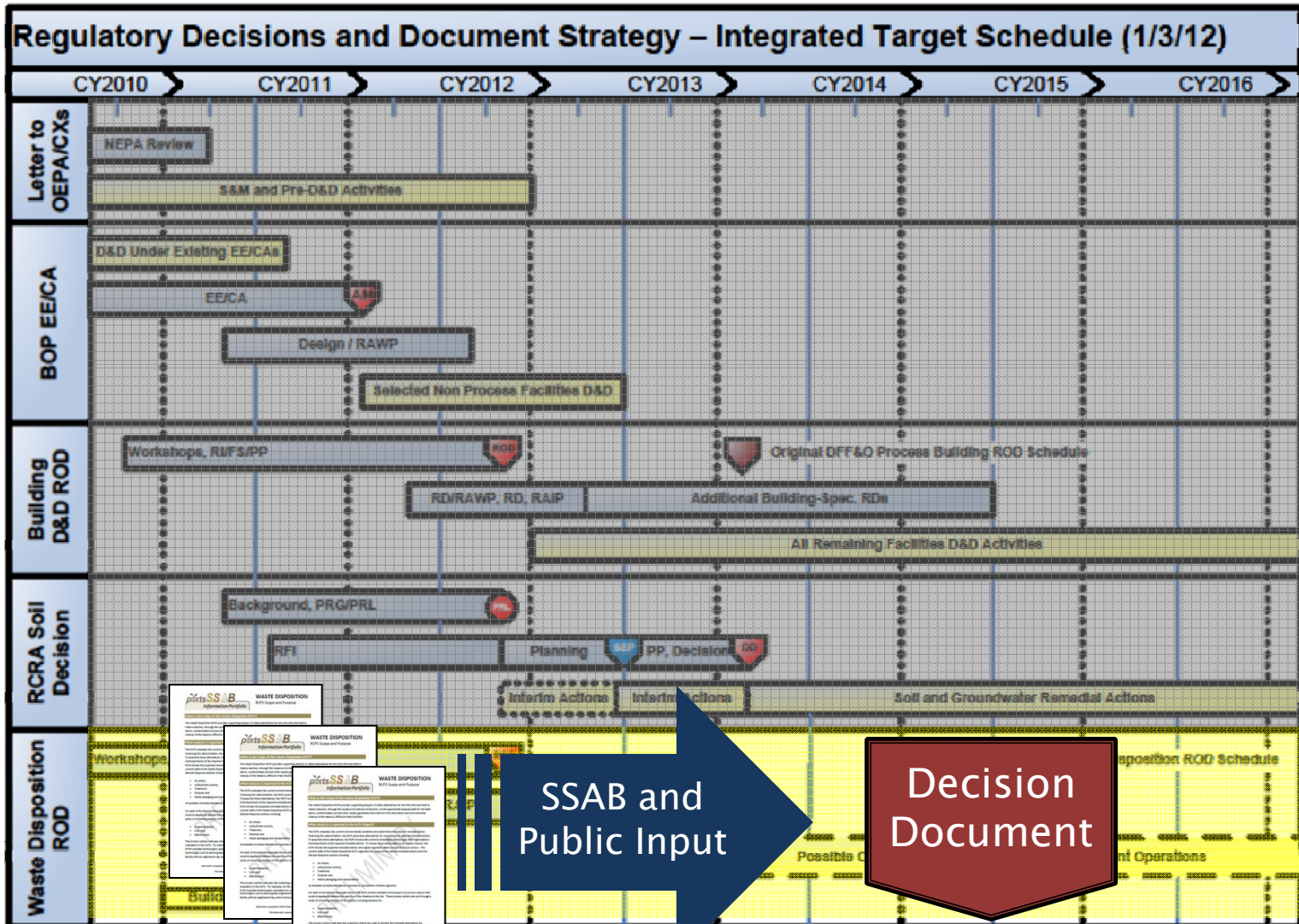


Regulatory Progress



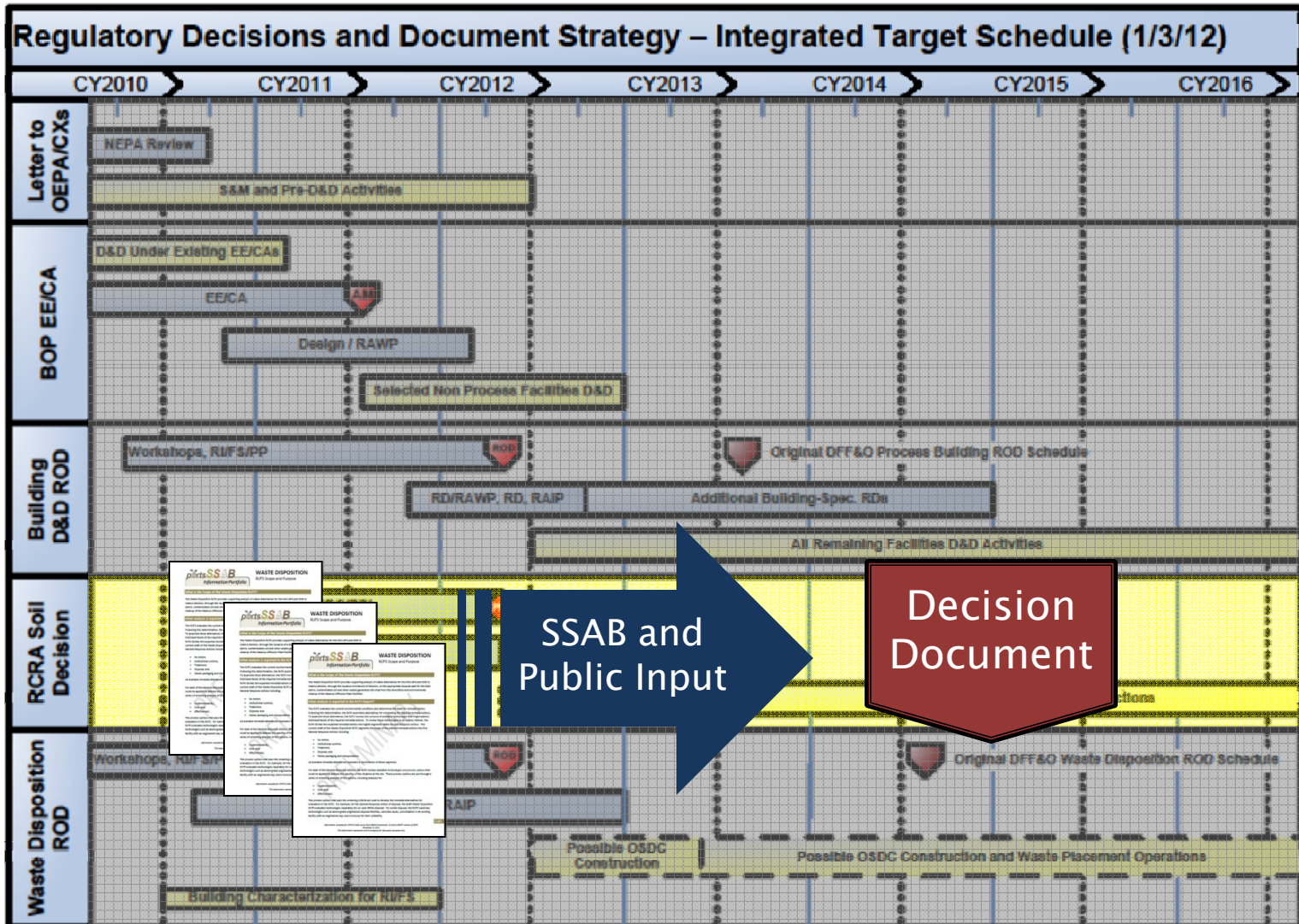


Regulatory Progress





Regulatory Progress





Public Outreach





Calendar



SSAB Subcommittee Meetings

at Endeavor Center in Room 165

4:30pm Waste Disposition and Recycling

6:30pm Environmental Cleanup and Land Preparation



Fence Line Neighbors Meeting

6:00 p.m. at Pike County Career Technology Center



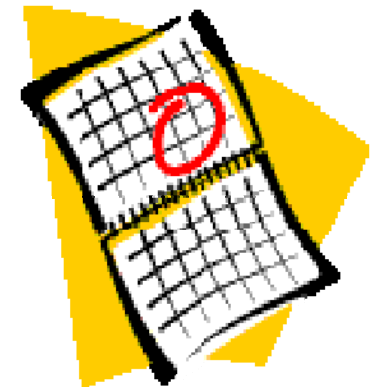
Public Meeting

6:00 p.m. at Waverly High School



SSAB Full Board Meeting

6:00 p.m. at Endeavor Center in Room 165



SSAB Information Portfolio

*By Karen Price, Fluor B&W Portsmouth
January 5, 2012*

Upcoming Recommendation Requests



- March 2012
 - Request recommendation on acceptability of process building remediation alternatives
- April 2012
 - Request recommendation on acceptability of waste disposition alternatives

Portfolio Updates January

Waste Disposition and Recycling Subcommittee

Waste Disposition

- Waste Volumes – Update
- Long Term Protectiveness – Update

Onsite Disposal Option Information

- Construction details and impacts
- Siting of On-Site Disposal Cell
- Long term monitoring and maintenance
- Impacts to cultural and natural resources
- Opportunity for landfill consolidation
- Other site disposal cells for comparison
- Future use considerations for disposal site

Portfolio Updates January

Environmental Cleanup and Land Preparation Subcommittee

Future Use

- Ecological Study Update – provided by OU to Full Board

Process Building D&D

- Description of Alternatives
- Scope/Volumes/Waste Streams
- Protection of Human Health and Environment
- Compliance with other laws
- Short term risk to workers
- Cost
- Schedule
- Impact on site and regional employment

February Look-Ahead

Waste Disposition

- Short Term Effectiveness
- Cost
- Schedule
- Impact on site and regional employment
- Long term impact or benefit to the community

Future Use

- Draft SODI post-cleanup configuration map

Process Building D&D

- Completed cost data

Community Commitment Plan

Report To: Portsmouth EM Site Specific Advisory Board
January 5, 2012

Economic Development Energy in Appalachian Ohio

By Jerry Schneider, Senior Manager, Public Affairs

Four Categories of Commitment

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



Community Giving Report

\$50,000 year-end contribution:

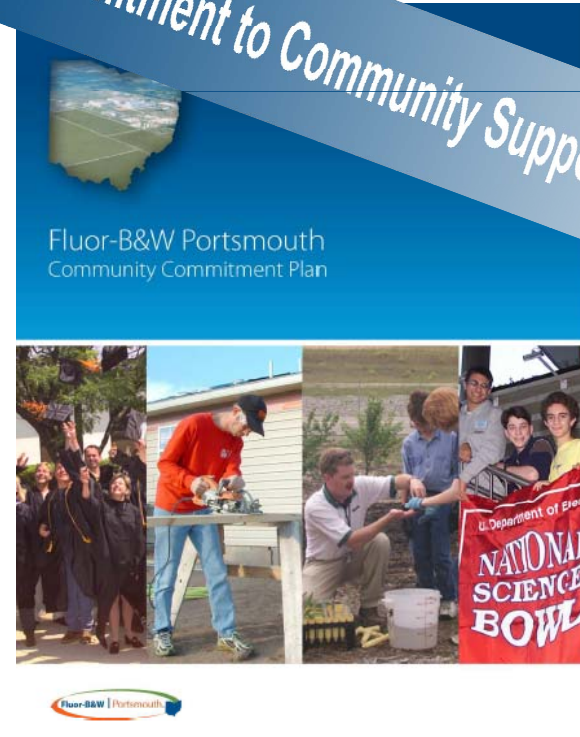
Pike Co Community Fund,
\$12,500

Scioto Co United Way,
\$12,500

Ross Co United Way,
\$12,500

Jackson Co Community
Fund, \$12,500

III. Commitment to Community Support



Regional Purchasing



First 9 months
(Apr-Dec 2011)

\$100.8 million small
business procurements,
52% of Contract goal

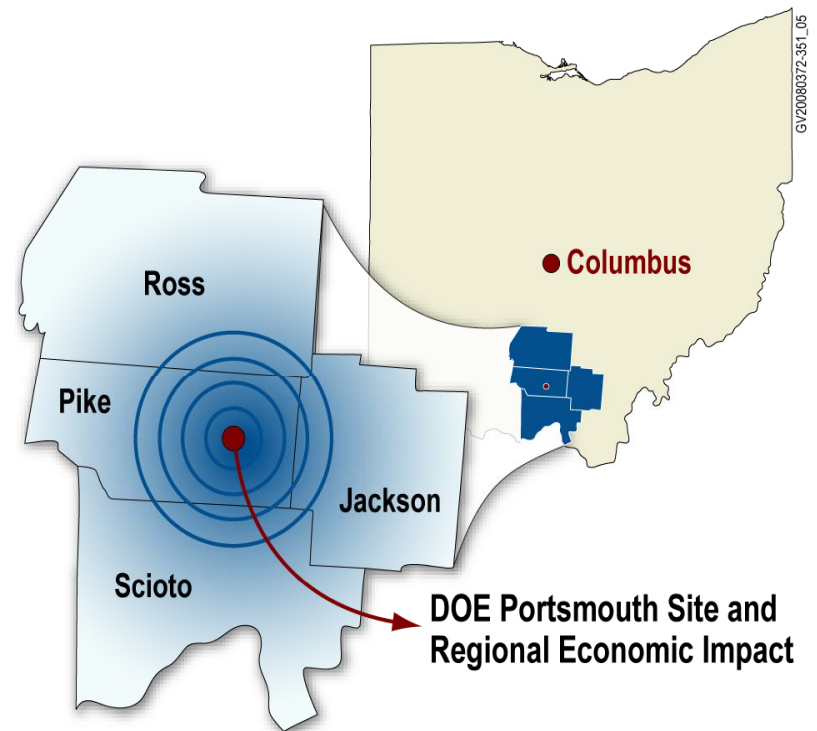
\$27.1 million in
procurements within
Pike, Scioto, Ross,
Jackson counties

120% of Community
Commitment Plan goal

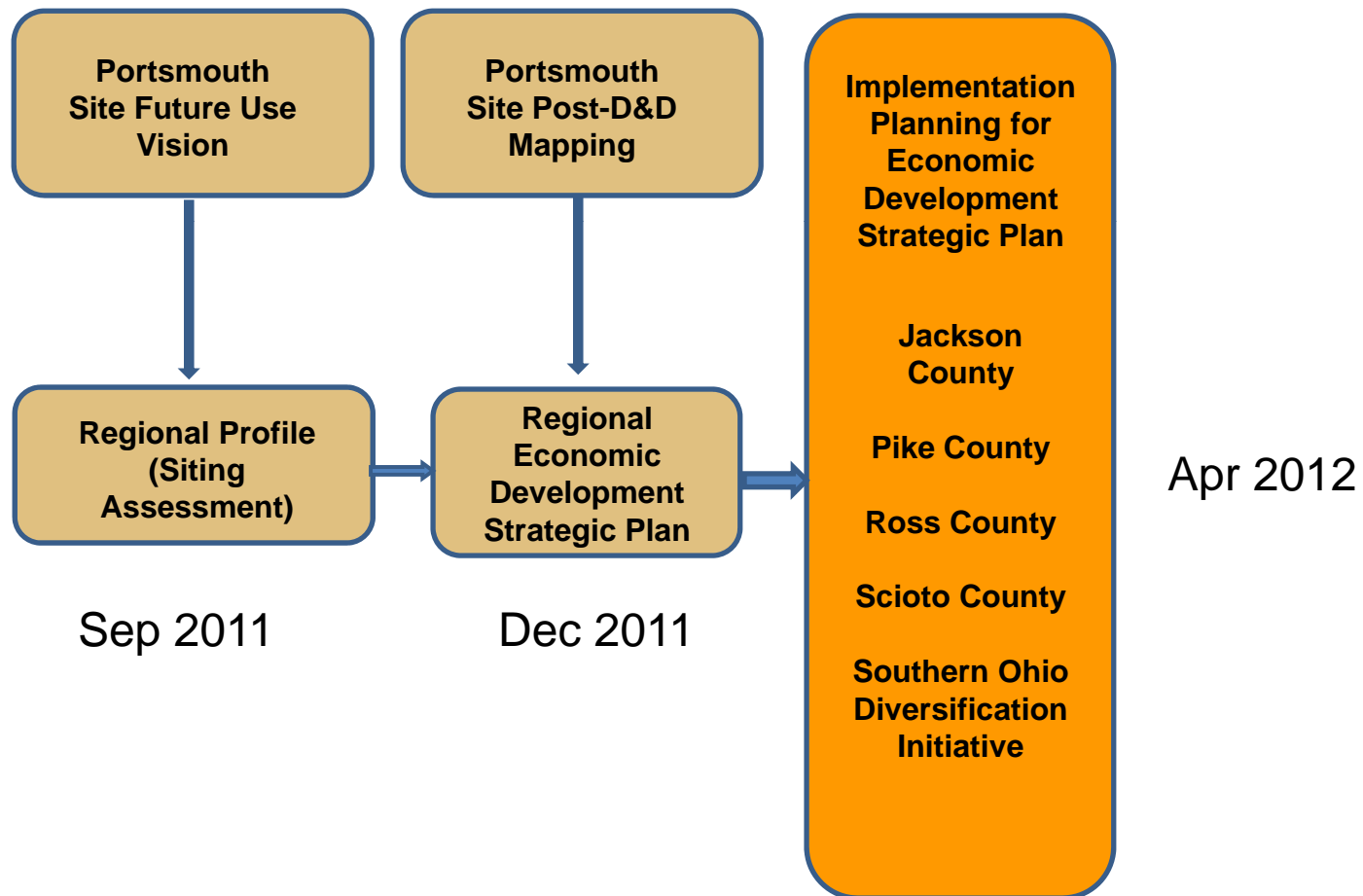
Economic Development Work On Track

- 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

- Delivered 31 Dec by Canup and Associates
- Under review by SODI, economic development leads from 4 counties
- Complete revisions by end of January
- Implementation already under way
 - Canup and Associates providing on-the-ground project assistance to counties

State, Regional Collaboration update

- Appalachian Partnership for Economic Growth hosted “Listening Session” in Waverly in mid-December
- December Site visit for Ohio Department of Development
 - Rescheduled to March



Community Commitment Plan Report

Questions?

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