



# PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

## Proposed Agenda for the January 12, 2017 Board Meeting

### Chair

Robert L. Berry

### Co-Vice Chairs

Lisa Bennett  
Carlton L. Cave

### Board Members

Eric A. Braun  
Bradley Burns  
Maddeline C. Caudill  
Al Don Cisco  
Dennis Foreman  
Carl R. Hartley  
Ronda J. Kinnamon  
Neil Leist  
Bernard S. Neal  
Irma C. Payne  
Cynthia Quillen  
Jimmy E. Smalley  
Gregory Stepp  
Judy R. Vollrath

### 6 p.m.

Call to Order, Introductions  
Review of Agenda  
Approval of November Minutes

### DDFO Comments

--15 minutes

### Federal Coordinator Comments

--10 minutes

### Liaison Comments

-- 5 minutes

**Presentation-Asset Transition Agreement/Reuse & Recycle  
Overview-Caleb Miller, FBP**

--20 minutes

### Administrative Issues

--20 minutes

### Subcommittee Updates

--5 minutes

### Public Comments

--15 minutes

### Final Comments from the Board

--15 minutes

### Adjourn

### Deputy Designated

#### Federal Official

Joel Bradburne

### DOE Federal Coordinator

Greg Simonton

### Support Services

EHI Consultants, Inc.  
1862 Shyville Road  
Piketon, OH 45661  
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**PORTSMOUTH EM  
SITE SPECIFIC ADVISORY BOARD**

MINUTES OF THE THURSDAY, JANUARY 12, 2017, SSAB MEETING • 6:00 P.M.

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

**Site Specific Advisory Board (SSAB) Members Present:** Chair Bob Berry, Co Vice-Chair, Lisa Bennett; Brad Burns, Carol Caudill, Al Don Cisco, Dennis Foreman, Bernie Neal, Cynthia Quillen, Jimmy Smalley, Greg Stepp , Judy Vollrath

**SSAB Members Absent:** Co Vice-Chairs, Carlton Cave; Eric Braun, Carl Hartley, Ronda Kinnamon, Neal Leist, Charlene Payne

**U.S. Department of Energy (DOE) and Contractors:** Joel Bradburne, Greg Simonton, DOE; Joe Moore, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jeff Wagner, Fluor-BWXT Portsmouth (FBP)

**Liaisons:** Mike Rubadue, Ohio Department of Health (ODH); Dustin Tschudy, Ohio Environmental Protection Agency (EPA)

**Facilitator:** Eric Roberts, EHI

**Public:** Damon Detillon, PMA; David Manuta, MC2; Pat Marida, Sierra Club; Lee Blackburn, Diana Cahall

Approved by Bob Berry, Board Chair

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Bob Berry

## Call to Order:

**Berry:** 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?

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

## November Minutes:

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

- **Burns:** I make a motion to approve the November minutes
- **Smalley:** I second the motion
  - **Motion carried, minutes approved**

## DDFO comments provided by Joel Bradburne, Site Lead, DOE:

- **D&D Safety Update**
- **PORTS Integrated Baseline**
- **X-326 and X-333 Updates**
- **OSWDF Update**
- **Property Transfer**
- **Environmental Remediation**
- **Site Tours**
- **Educational Outreach**
- **Community Outreach**
- **Upcoming Site Events**

*A copy of the DDFO presentation is available on the SSAB web site  
([www.ports-ssab.energy.gov](http://www.ports-ssab.energy.gov))*

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

**Simonton:** The Science Bowl will be March 10, 2017. We have 21 out of 28 schools in the region attending this year. We are limiting it to 32 teams. We could use volunteers to help. If you are interested please let the EHI office know. The first property transfer is scheduled to happen late spring 2017. We have submitted the Environmental Baseline Survey Report (EBS) to the State of Ohio for

*Chartered as an EM Site Specific Advisory Board under the Federal Advisory Committee Act*

*2015 PIKE COUNTY CHAMBER OF COMMERCE ORGANIZATION OF THE YEAR*

review. As soon as its reviews come back, it then will go to DOE and congressional committee.

**Liaison comments provided by Mike Rudadue, ODH:**

**Rubadue:** We continue to review the EBS.

**Liaison comments provided by Dustin Tschudy, OEPA:**

**Tschudy:** OEPA is also working on the EBS on our end.

**Asset Transition Agreement/Reuse & Recycle Overview – Caleb Miller, FBP:**

- Program Objectives
- Regulatory Drivers
- Executive Order 13423
- DOE-SODI Agreement
- FBP Performance Documents
- Asset Recovery Process
- Questions We Ask
- Reuse
  - Excess Road Grader
  - Excess Loader
  - Excess Bucket Truck
  - Excess Stock Steel
- Recycle
  - X533 Switchyard Demolition
  - X-333 Transformers
  - Excess Rail & Switches
  - X-530 Upgrades Scrap Metal
  - X-1144A Firing Range Demolition
  - X-333 Bus Bars
- Teamwork
  - DOE
  - FBP
  - SODI
- Results
- Potential Projects
- Questions?

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Foreman:</b> Do you spot check those items and sample the material just because sometimes records could have been there 50-60 years, to make sure they are safe?	<b>Miller:</b> Yes, we do check everything to make sure it is safe.
How much did the loader weigh?	50,000 lbs.

<p>\$6.5 million with the fees how much did Southern Ohio Diversification Initiative (SODI) get?</p>	<p><b>Simonton:</b> If the item was over \$50,000 in value then there is 50/50 split between SODI and the department, at the time of the demo project the value of the material was a gross of \$4 million. SODI gave back to the department \$2 million dollars. Transformers were around \$900,000 so they gave back around \$450,000. No one wrote a playbook in the beginning, it was learning as we go.</p>
<p><b>Bradburne:</b> I wanted to mention that DUF6 has had a change and will be up and running again. The new group is Mid-America Conversion Services. I will give details on that with the next update.</p>	
<p><b>Simonton:</b> It might be good for the board to discuss renewing the recycling recommendation.</p>	<p><b>Roberts:</b> It is always a good idea to renew what is important to the board.</p>

**Administrative Issues:**

**Subcommittee Updates:**

**Budget and Lifecycle Planning Subcommittee Update by Judy Vollrath:**

**Vollrath:** The Budget and Lifecycle Planning Subcommittee met on November 10. The purpose of the meeting was to present on the Budget and Lifecycle planning and have discussions on the FY 2017 Budget update.

**D&D/Remediation Subcommittee Update by Al Don Cisco:**

**Cisco:** The D&D/Remediation and Future Use Subcommittee met on November 10. The purpose of the meeting was to have a presentation on surveillance & maintenance.

**Future Use Subcommittee Update by Dennis Foreman:**

**Foreman:** The D&D/Remediation and Future Use Subcommittee met on November 10. The purpose of the meeting was to present an update of SODI activities.

**Historic Legacy & Community Engagement Subcommittee Update by Carol Caudill:**

**Caudill:** The Historic Legacy & Community Engagement Subcommittee met on November 10. The purpose of the meeting was to present an update of the DOE public meeting and member recruitment.

**Public Comment:**

**Manuta:** Bernie made a comment about trichloroethylene. It is a degreaser; they used that to clean parts. It is an oil-based material. When it gets into the soil, it will go down until it hits rock. So how deep do you go to make sure you get all of it?

**Final Comments from the board:** None

**Berry:** Adjourned

**Next Meeting:** March 2, 2017

**Action Items:** None

PREPARING THE FUTURE

# PORTS

D & D PROJECT

# DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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

**Portsmouth Site Specific Advisory Board  
January 12, 2017**



- Safety
- Plant Updates
  - X-326 & X-333 Deactivation
  - On-Site Waste Disposal Facility (OSWDF)
  - Land Transfer
- Community Outreach
- Upcoming Events



# D&D Safety Update

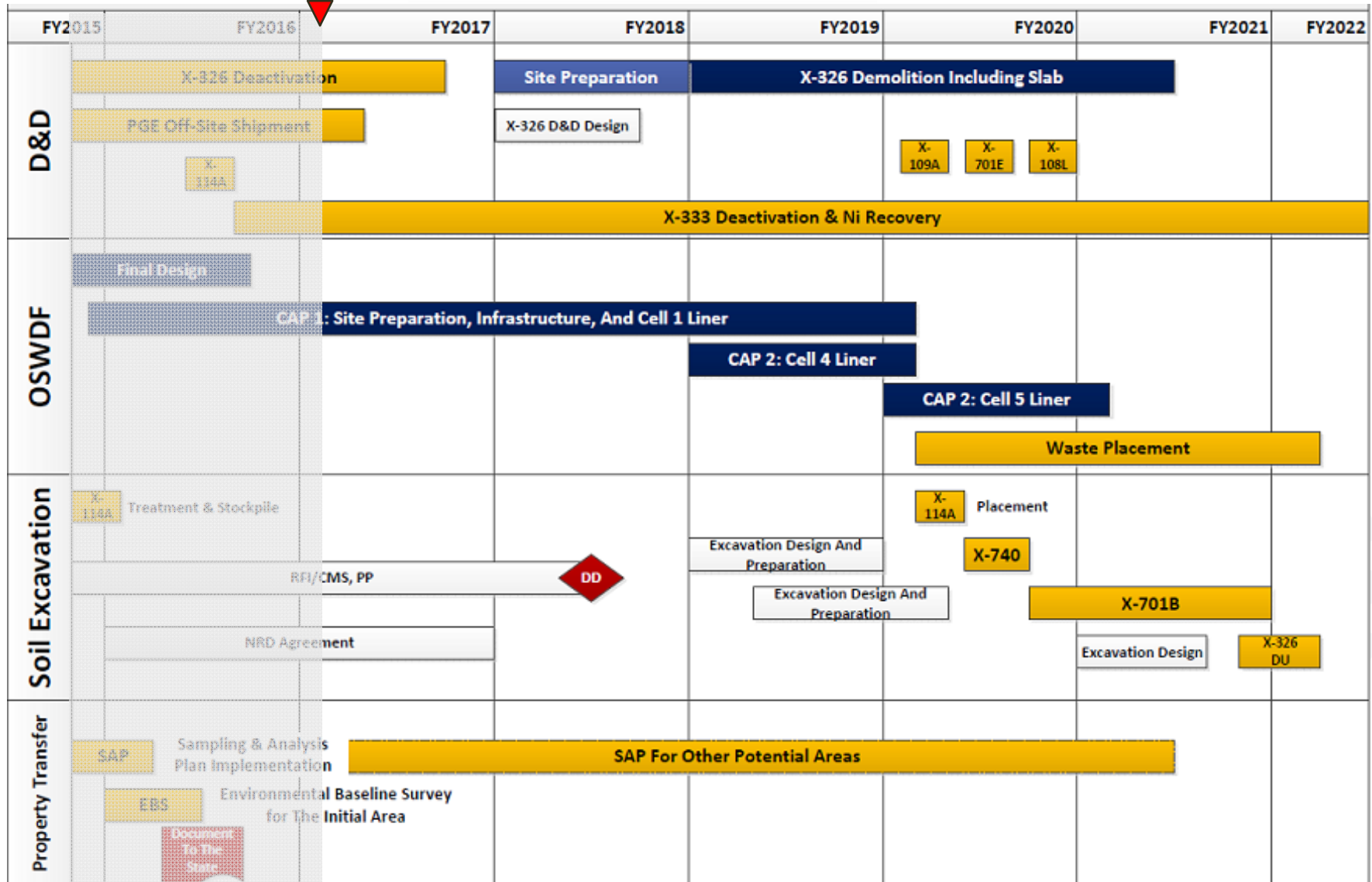


**YOU** are the **KEY** to **SAFETY!**



# PORTS Integrated Baseline

Next 5 Years

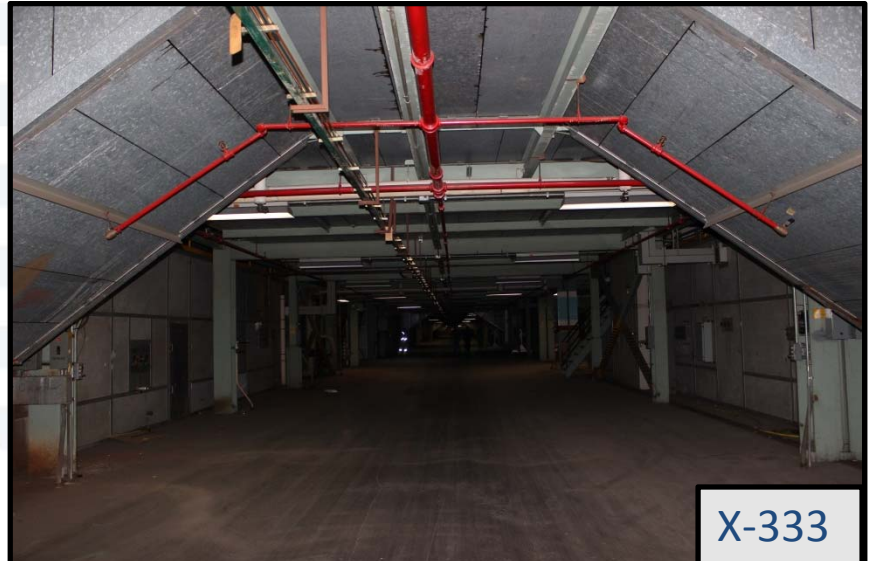




# X-326 and X-333 Updates



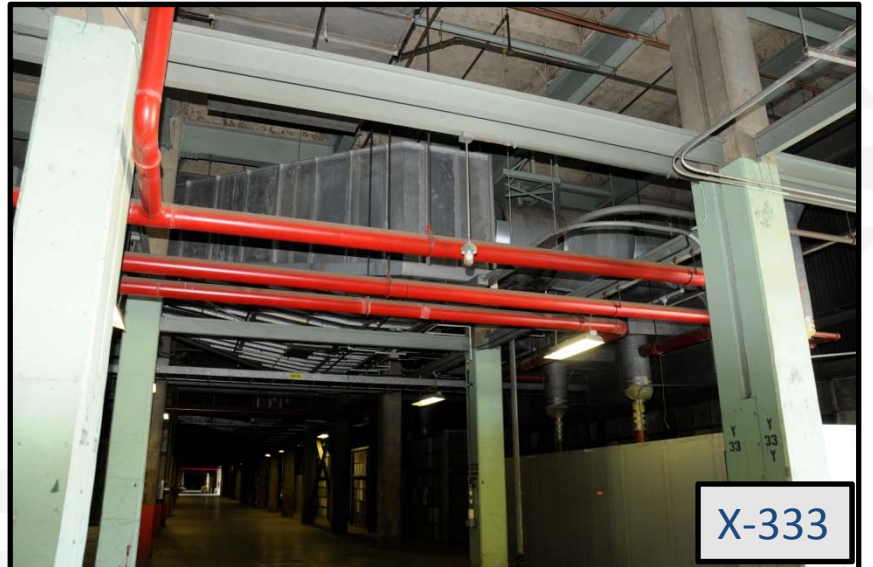
X-326



X-333



X-326 and X-330 Tie-In



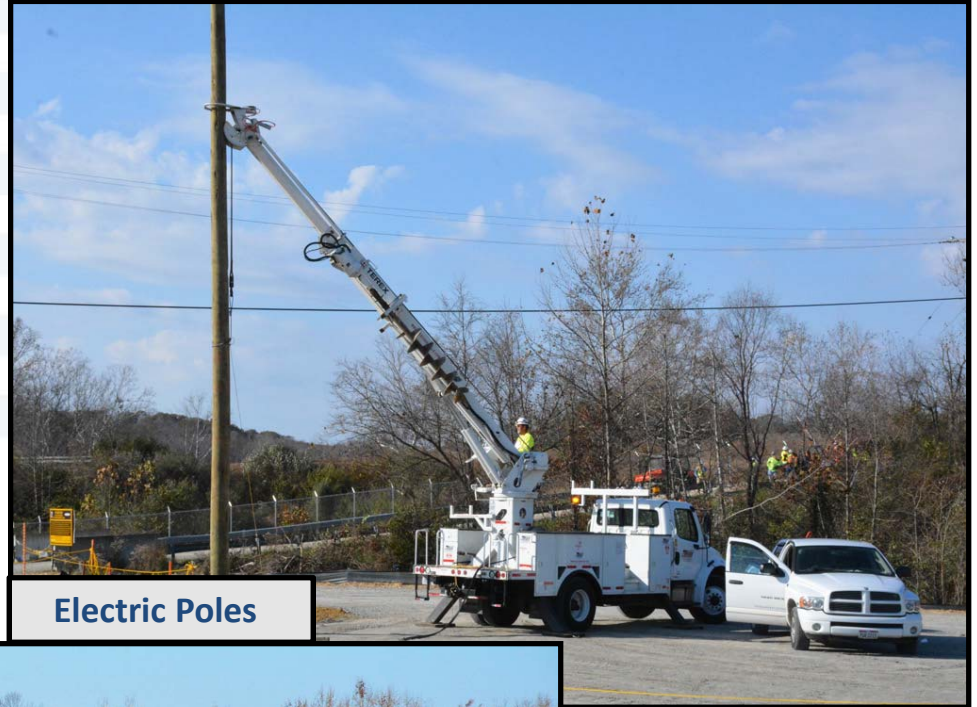
X-333



# OSWDF Updates



**Tornado Shelter**



**Electric Poles**



**Temporary Trailers**



# OSWDF Update

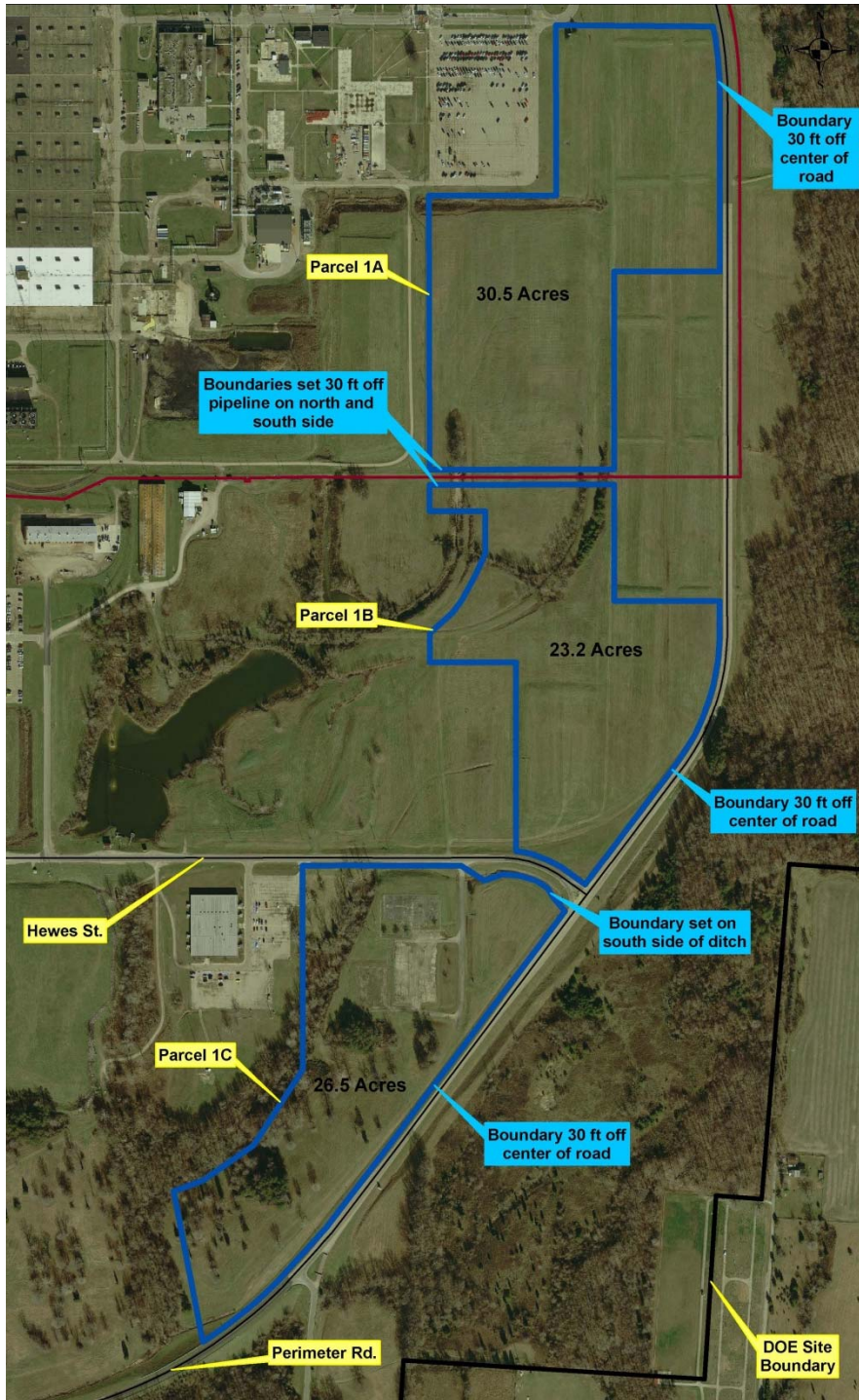


**Sediment Pond Complete**





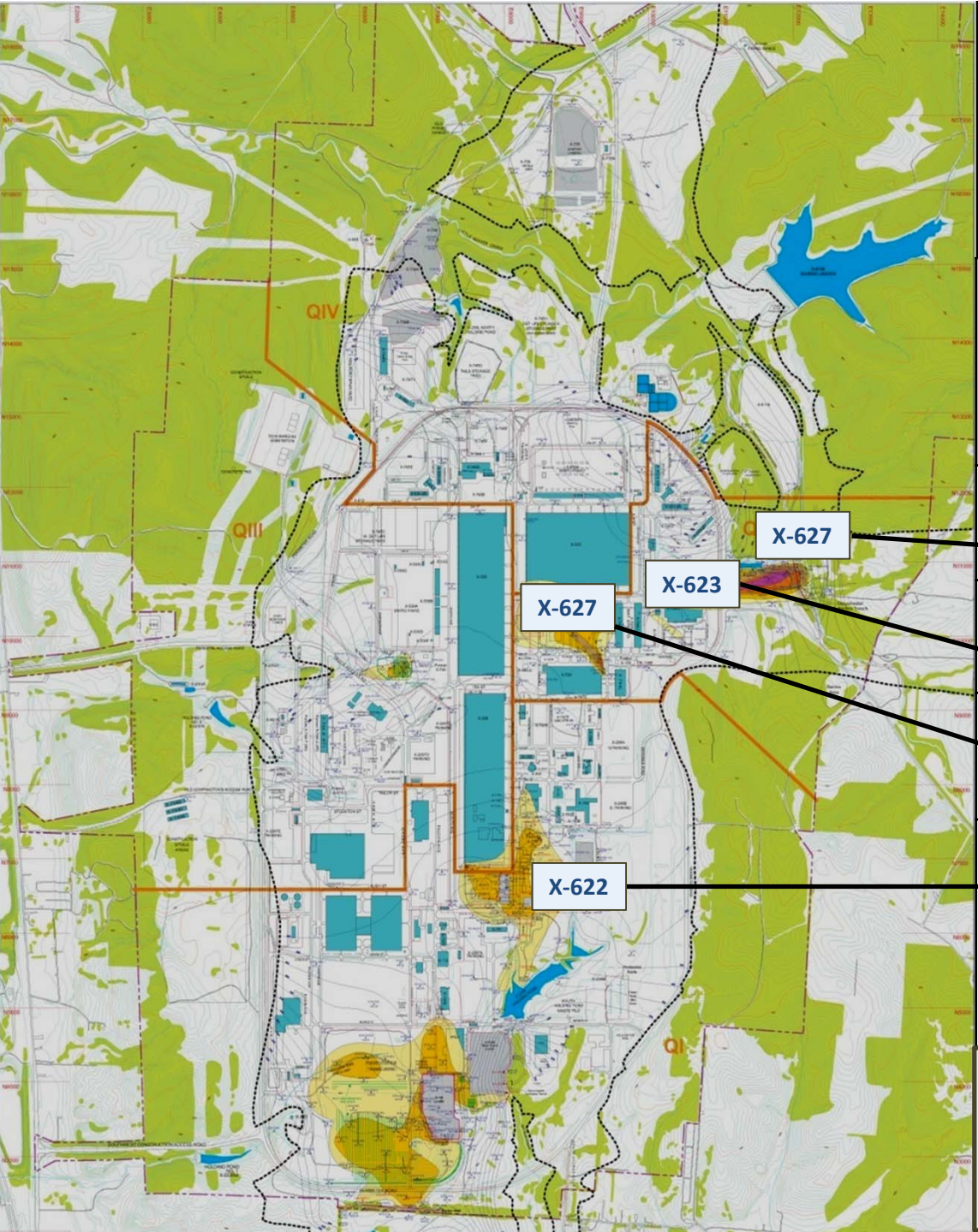
# Property Transfer



- Environmental Baseline Survey sent to governors office.
- Transfer on schedule for spring 2017.
- Property transfer environmental assessment public comment period has opened.
- Property appraisal in development by EMCBC.



# Environmental Remediation



Groundwater Treated FY2017	Groundwater Source	TCE Removed FY2017 lbs.
283,800 Gallons	X-701B Plume	6.48
0 Gallons	Misc. Site	0
1,755,025 Gallons	7-Unit Plume	15.17
2,837,800 Gallons	5-Unit & X-749/ X-120 Plumes & PK Drainage	4.95

The totals from March 29, 2011 (FBP Contract) through November 2016 are:

- Treated 207.4 Million Gallons of groundwater
- Removed 1912.18 pounds of Trichloroethylene (TCE)



# Site Tours



Ohio University Grad Students and Faculty



# Educational Outreach



- 38 teams officially registered
- A regional field of 32 teams with 6 teams on stand-by for entry
- 21 schools represented
- 160 students competing on the 32 entered teams
- Defending champions: Portsmouth Notre Dame High School (only 2-time winner of the South Central Ohio Regional Science Bowl).



Piketon High School ASER Class





# Community Outreach



Pink Out Day



Christmas Gifts for Children



Comfort Bags



Food Give Away



Mighty Active Packs



Donation to Sierra's Haven



# Upcoming Site Events



Ports D&D Project Update  
Tuesday, January 24, 2017  
Piketon High School



SSAB Full Board Meeting  
Thursday, March 2, 2017



Science Bowl V  
Friday, March 10, 2017

*For a full list of SSAB activities, check out the website at  
<http://www.ports-ssab.energy.gov>*



# ASSET RECOVERY & RECYCLING

## SSAB Presentation January 2017

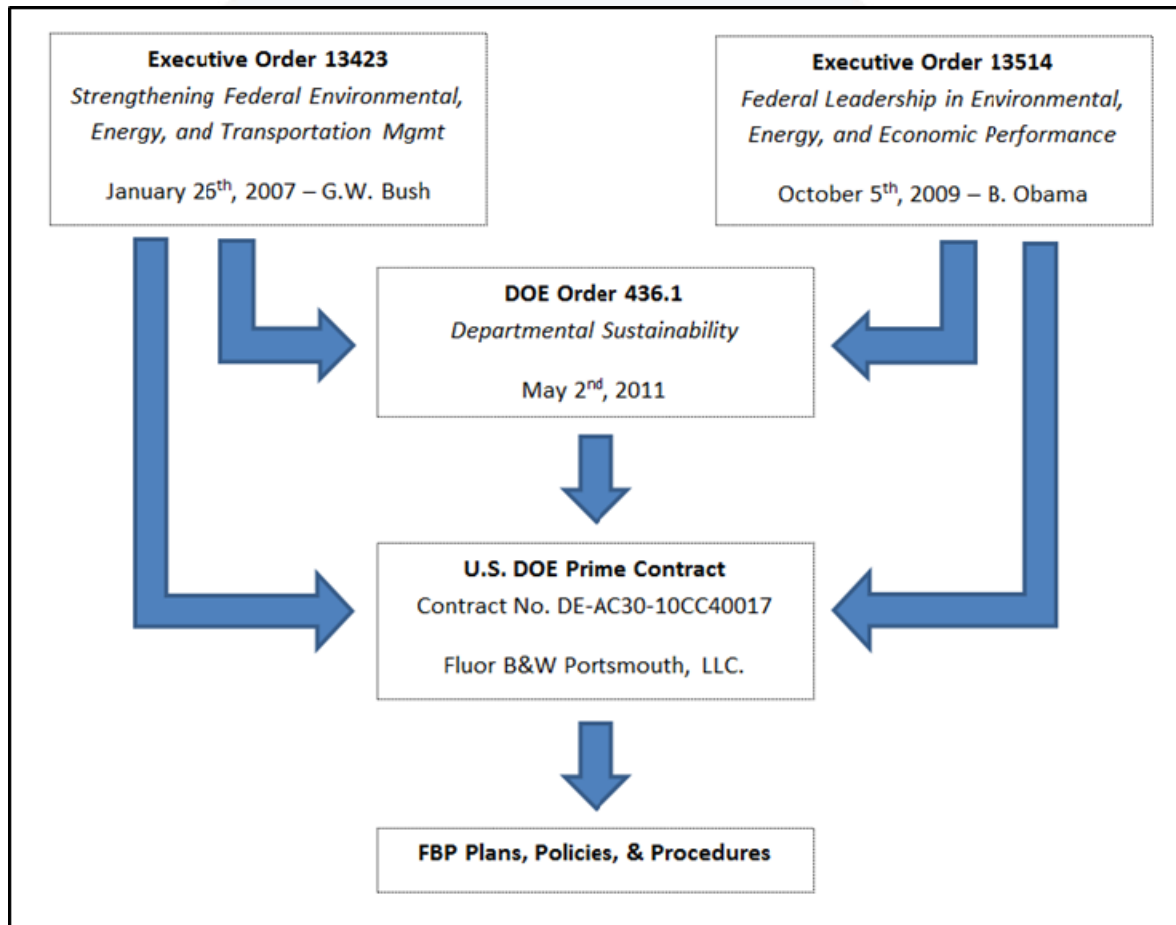


# Program Objectives

1. Recycling & Reusing Assets
2. Waste Diversion
3. Community Employment



# Regulatory Drivers





# Executive Order 13423

Executive Order 13423 requires “*cost effective waste prevention and recycling programs*” and the *Implementing Instructions for Executive Order 13423* (separate document) specifies:

- *Each agency shall maintain waste prevention and recycling programs in all of its facilities in the most cost-effective manner possible . . .*
- *Each agency shall recycle materials to the maximum extent practicable, considering cost, cost avoidance, return on investment, and availability of markets.*

# DOE-SODI Agreement

## DOE- SODI Asset Transition Agreement for Economic Development Signed February 2009, Revised April 2016:

1. *Transfer to private, commercial enterprises for use in business operations in such a way that results in the creation of new employment opportunities for displaced contractor workers and/or area residents.*
2. *Transfer to a private, commercial enterprise for use in business operations as an inducement to establish productive capacity in Portsmouth's geographical service area that will result in the creation of new employment opportunities.*
3. *Transfer to municipality or non-profit organizations in such a way that such use results in the creation of new employment opportunities for displaced contractor workers and/or area residents or provides assistance to residents affected by Portsmouth downsizing.*
4. *After determination that such property has no or limited value as described above, SODI may sell at auction or other means. Proceeds to be used to support community economic development activities.*

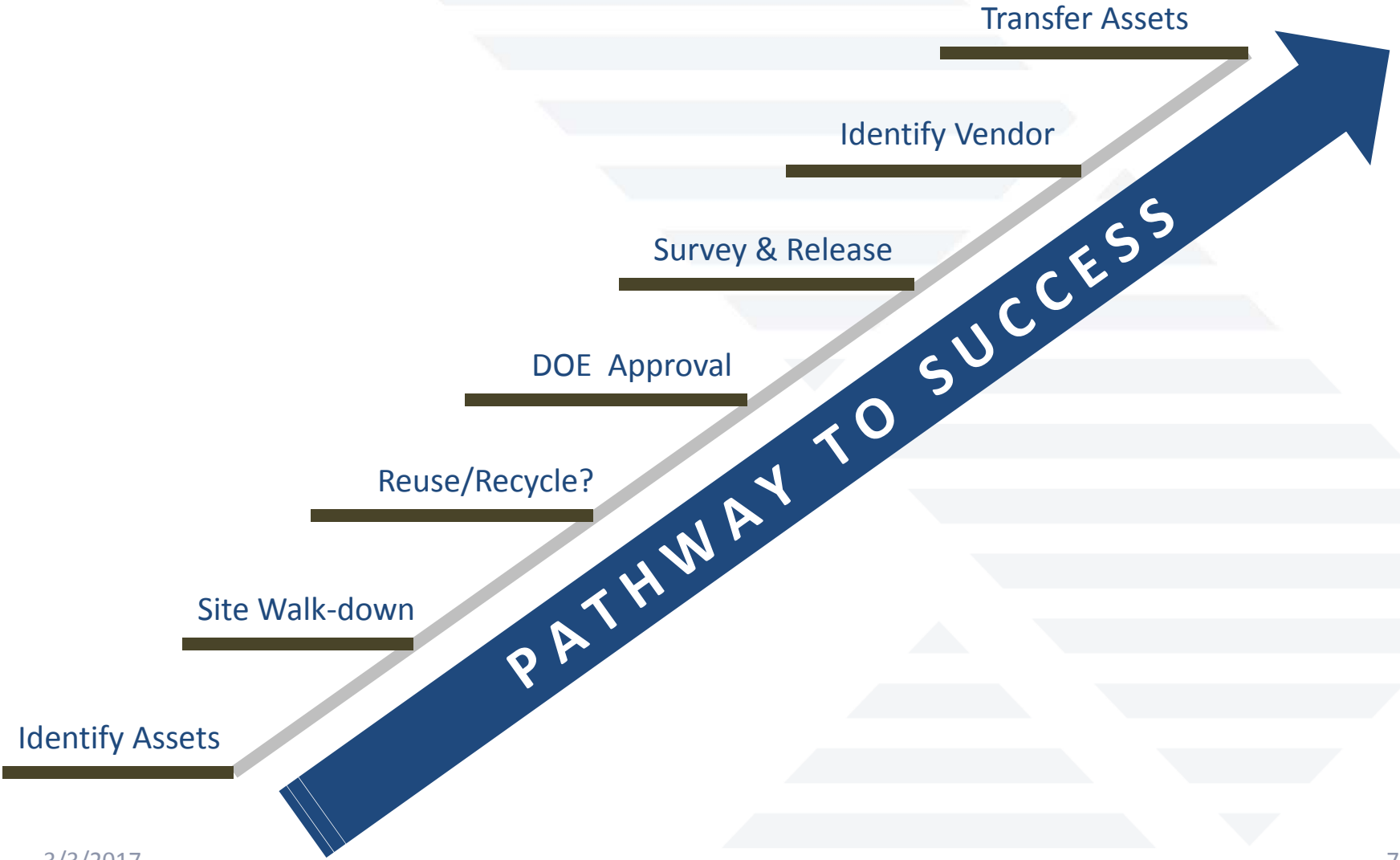


# FBP Performance Documents

- FBP-WM-PL-00099  
*Asset Recovery and Recycling Program Plan*
- FBP-WM-PRO-00322  
*Excess Personal Property Transfer*
- FBP-WM-PRO-00323  
*Cost Benefit Analysis*



# Asset Recovery Process



# Questions We Ask

- Is the material releasable?
- Are there hazardous constituents?
- Are there security concerns?
- What are the impacts on worker safety to harvest or handle material?
- What is the financial cost?
- What is the value of the material?
- Is there a cost avoidance by recycling/reusing?
- Is there a market for the material?





**Excess Road Grader**





**Excess Loader**



## Excess Bucket Truck



# Reuse



**Excess Stock Steel**



## X533 Switchyard Demolition





**X333 Transformers**



## Excess Rail & Switches





**X530 Upgrades  
Scrap Metal**



**X114A Firing Range  
Demolition**





**X333 Bus Bars**

# Teamwork



**DOE**

**FBP**



**SODI**

# Results

- **\$6.5 Million** recovered from “waste”
- **23 Million Pounds** diverted from landfills
- **2 Million Pounds** of excess personal property transferred to SODI, including vehicles, heavy machinery, shop equipment, and furniture
- **Multiple employment opportunities** created by SODI and their local business partnerships

# Potential Projects

## X744H & J Warehouse Cleanout



## X330 Transformers





# Questions?