



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the March 3, 2016 Board Meeting

Chair

William E. Henderson II

Vice Chair

Robert Berry

Board Members

Lisa Bennett

Maddeline C. Caudill

Carlton L. Cave

Al Don Cisco

Martha A. Cosby

Ervin S. Craft

Carl R. Hartley

Ronda J. Kinnamon

Neil Leist

Bernard S. Neal

Irma C. Payne

Cristy D. Renner

Judy R. Vollrath

6 p.m.

Call to Order, Introductions

Review of Agenda

Approval of January Minutes

DDFO Comments

--15 minutes

Federal Coordinator Comments

--10 minutes

Liaison Comments

-- 5 minutes

Presentation-President's Fiscal Year 2017 Budget Request/PORTS Lifecycle Baseline Overview, Joel Bradburne, DOE

--20 minutes

Administrative Issues

--20 minutes

Subcommittee Updates

--5 minutes

Public Comments

--15 minutes

Final Comments from the Board

--15 minutes

Deputy Designated

Federal Official

Joel Bradburne

Adjourn

DOE Federal Coordinator

Greg Simonton

Support Services

EHI Consultants, Inc.

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



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, MARCH 3, 2016, 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 Will Henderson, Vice-Chair Bob Berry, Lisa Bennett, Carlton Cave, Al Don Cisco, Martha Cosby, Ervin Craft, Carl Hartley, Ronda Kinnamon, Charlene Payne, Cristy Renner

SSAB Members Absent: Carol Caudill, Neal Leist, Bernie Neal, Judy Vollrath

U.S. Department of Energy (DOE) and Contractors: Joel Bradburne, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jeff Wagner, Jack Williams, Jeff Stevens, Pat Burns, Fluor-B&W Portsmouth (FBP)

Liaisons: Mike Rubadue, Ohio Department of Health (ODH)

Facilitator: Eric Roberts, EHI

Public: Deborah Detillion, Boston Government Services (BGS); Damon Detillion, Westrn Energy Mission Support (WEMS); Leon Owens, Precision Metaforming Association (PMA); John Bukowski, Northwind/PMA; David Manuta, Manuta Chemical Consulting (MC2); Lee Blackburn, Brad Burns

Approved by Will Henderson, Board Chair

Will Henderson

Call to Order:

Henderson: 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.

March Agenda:

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

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

January Minutes:

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

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

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

- **Congratulations SSAB – Pike County’s 2015 Organization of the Year**
- **Safety**
- **Plant Updates**
 - **D&D Safety Update**
 - **PORTS Integrated Baseline**
 - **Deactivation of – X-326**
 - **On-Site Waste Disposal Facility**
 - **Plant Updates**
 - **Land Transfer/Re-Industrialization**
 - **Environmental Remediation**
 - **BWCS DUF6 Project January 2016 Update**
 - **Site Tours**
 - **Mutual Aid**
 - **40 or More Years of Service**
- **Community Outreach**
- **Upcoming Site Events**

Question/Comment:	Answer:
Kinnamon: What utilities will be provided with the land transfer?	Simonton: Water, sewer, electric

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2015 PIKE COUNTY CHAMBER OF COMMERCE ORGANIZATION OF THE YEAR

Wasn't the water system put in place in the 1950's? Has it been replaced?	Bradburne: We are replacing some of the fire hydrants.
Henderson: Did you say you were going to work around 12 wells?	Simonton: Yes, testing wells that are vertical and horizontal. We did not want to abandon them for someone else to have to take care of.
Cisco: Which has more assay?	Bradburne: 701B has the most.
So nothing surprising with that?	Right, just what was expected.

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

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

Simonton: The Science Bowl is March 11. Some of the members had training tonight. Most of the high schools are represented. They will all have a minimum of four matches. Next week's subcommittee meetings Joel will be talking about the budget, and our interaction with the board on the budget. Be thinking about what you would like to see beyond the budget.

Liaison comments provided by Mike Rubadue, ODH:

Rubadue: ODH does not have any major issues.

Presentation-Discussion on FY 2016 Portsmouth Budget-Joel Bradburne, DOE:

Question/Comment:	Answer:
Renner: Joel, could you touch on why you cannot take funds from one to use for another area.	Bradburne: We call it different colors of money. With line item capital and you cannot mix the funds.
Cisco: Are you on schedule for the cut and cap?	Bradburne: That is where we are a little behind. We are a few months behind.
So they cut and cap all the lines right?	We should schedule an update on the cut and cap process.

Administrative Issues:

Subcommittee Updates:

Executive Subcommittee Update by Bob Berry:

Berry: The Executive Subcommittee met on February 25. The purpose of the meeting was to discuss the President's Fiscal Year 2017 Budget Request, the National Chairs Meeting coming up in April, and the Fernald Tour.

Public Comment:

Manuta: 1. Al Don you asked about the trichloroethene. It was used for cleaning equipment, it migrates into the soil until it hits rock. 2. Site tours are always good. You should invite the appropriations committee in Congress and get them up here to ride the bus for an hour and a half. Educate them. 3. The 33 size converters cannot go through the doors. A trip to Mound would also be good. Get a global tour to see what has been done. Your team should be proud of that chart.

Final Comments from the board: None at this time.

Henderson: adjourned

Next Meeting: May 5, 2016

Action Items:

1. DOE to schedule a cut and cap update at a subcommittee meeting.

PREPARING THE FUTURE

PORTS

D & D PROJECT

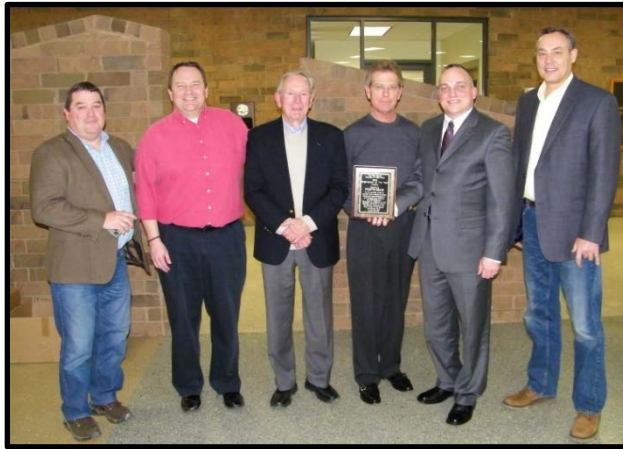
DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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

Portsmouth Site Specific Advisory Board
March 3, 2016



Congratulations SSAB -Pike County's 2015 Organization of the Year



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

D&D Safety Update

Outstanding!! JANUARY 2016
2 MILLION
FBP Safe Work Hours!

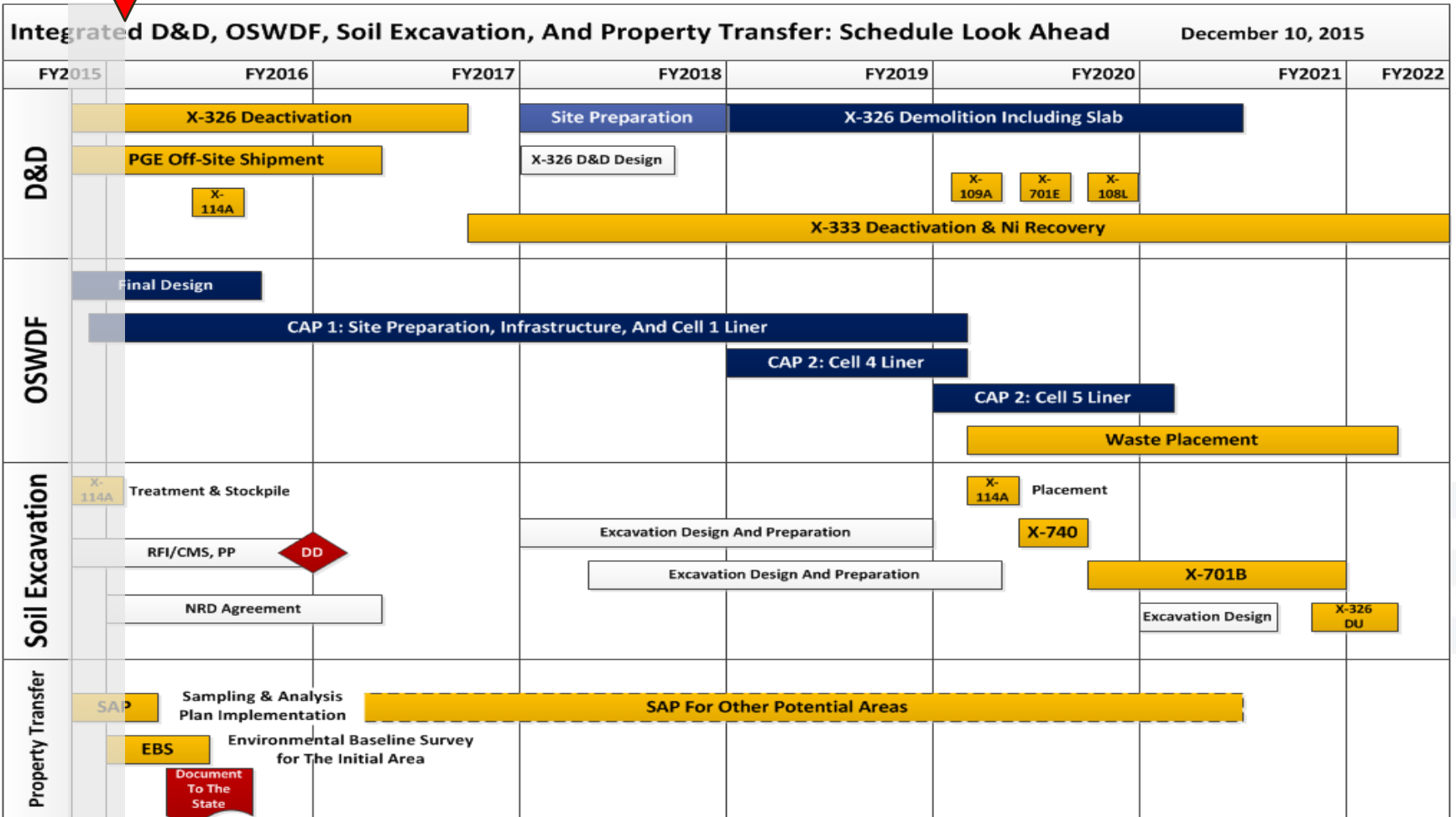
Floor-BWXT | Portsmouth
Zero Lost-time Injuries
SAFETY WORKS



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

PORTS Integrated Baseline

Next 5 Years



Deactivation of - X-326



On-Site Waste Disposal Facility



NORTH ACCESS ROAD



3 drums with 814lbs of metal (mainly brass), was donated to SODI from the old firing range.



Plant Updates

Fire Hydrants
Replaced/Repaired



New Overhead Power Lines



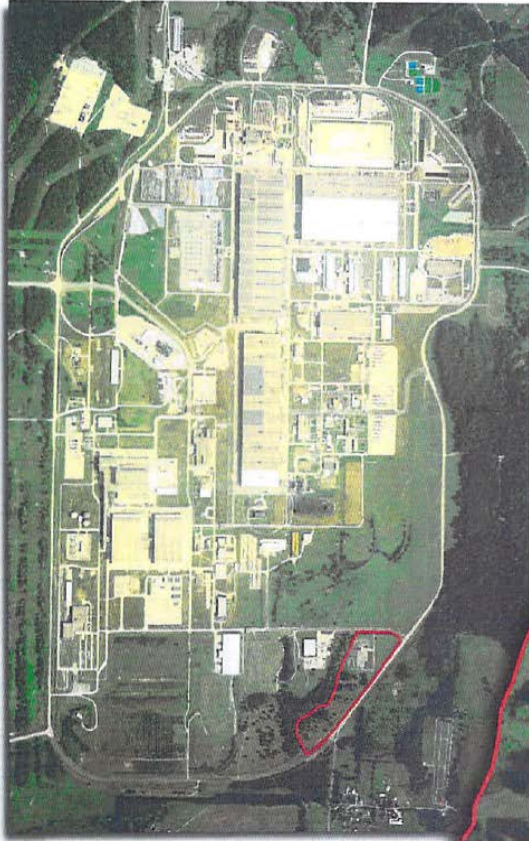
Salt Storage Enclosure



Land Transfer/ Re-Industrialization

Exhibit A

- FBP has delivered the draft Environmental Baseline Survey and is in review by DOE
- DOE communication with SODI continues
- ORISE Independent Verification work at site has been completed



Environmental Remediation



Groundwater Treated FY2016	Groundwater Source	TCE Removed FY2016 lbs
338,600 Gallons	X-701B Plume	9.97
41.085 Gallons	Misc. Site	0.13
3,635,130 Gallons	7-Unit Plume	54.48
6,000,000 Gallons	5-Unit & X-749/X-120 Plumes & PK Drainage	8.13

Current Ports DUF₆ Status:

- Conversion line operations suspended pending resolution of chemical exposure during system pressure test
- Corrective action plan developed and submitted to PPPO for review and approval
- Detailed, resource loaded recovery plan being executed to resume conversion line operations actions

Plant availability:

	<u>Ports</u>
FY12	26%
FY13	58%
FY14	80%
FY15	25%



Site Tours



Assistant Secretary for DOE Office of Environmental Management, Dr. Monica Regalbuto, toured the PORTS site recently.



Congressman Brad Wenstrup's Staff



US Army Reserves
Columbus DLA

Mutual Aid



Off-Site Requests FY2016

Vehicle Accidents	3
Structure Fires	2
Other Fires	1
HazMat Response	0
Medical	0
Total	6



40 or More Years of Service



Community Outreach



Adena



Jasper Elementary



Portsmouth West HS



Holzer



SOMC



JEDISO Receives International Award

Upcoming Site Events



Science Bowl IV
Friday, March 11, 2016



SSAB Fernald Trip
Saturday, March 12, 2016



SSAB Full Board Meeting
Thursday, May 5, 2016



Controlled prairie burn on Northeast Bypass Road
Date: TBD depending on weather from now until
April 17, 2016.

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

Project Execution Strategy

A Lifecycle Plan has been developed for the safe completion of the PORTS D&D Project. This plan is designed to be a living document being progressively updated to reflect the best ideas and lessons learned across the duration of the D&D project.

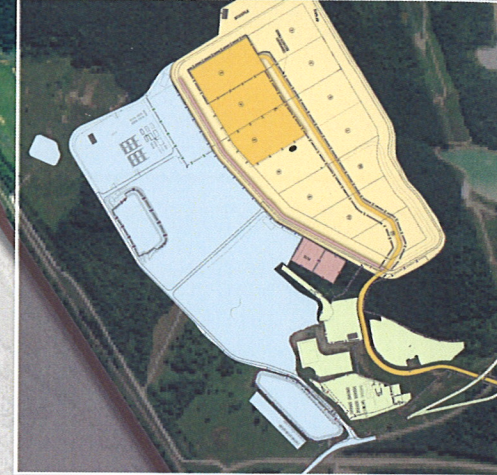
Foundational Elements of the Lifecycle Plan

- Anchored on Decontamination & Demolition of the three main Process Buildings with debris disposal in an On-site Disposal facility (OSWDF).
- Capacity of the OSWDF designed to accommodate the volume of waste from the D&D project given its current uncertainties.
- Place debris waste in the OSWDF using fill obtained from the excavation of contaminated soil from the site's landfills and groundwater plumes.
- Ship off site materials not meeting the OSWDF Waste Acceptance Criteria (WAC).
- Continue safe operations to disposition the site inventory of accountable materials, cylinders, and containerized legacy waste.
- Meet regulatory obligations for environmental monitoring and groundwater pump/treatments.
- Advance the demolition of facilities in a manner fully integrated with both the construction of capacity in the OSWDF, the excavation of plumes for fill, and the needed cleanup/certification of impacted areas of soil.
- Explore the viability of recovering the barrier material from X-333 and X-330 and if deemed viable consider retro fit of X-700 or X-333 for the needed segmentation shop.
- Achieve an end state vision that includes leaving usable utility infrastructure for future community use with final grading to ensure safety and positive drainage.

Project Priorities For Next Five Years

- Complete Cut and Cap, removal and shipment of X-326 PGE
- Complete Auxiliary Systems Deactivation; achieve Crit Incredible and Cold and Dark of X-326
- Complete demolition and disposal of X-326
- Construct and operate three OSWDF cells
- Excavate approximately 350,000 cubic yards of soil from X-740 and X-701B plumes to support placement of X-326 demolition debris
- Complete NDA Characterization of X-333
- Deactivate and demolish X-710 Lab Building, X-626 Cooling Tower, and other BOP facilities
- Complete Conceptual and Detailed Design of converter Segmentation Shop for nickel recovery
- Complete barter operations and autoclave operations to address enriched cylinders and misc. cylinder inventory
- Disposition accountable items and RCRA waste in X-326, Lots 14 and 4a
- Operate X-705 to disassemble PGE, and disposition removed deposits
- Complete characterization and regulatory decision documentation for deferred units

On-site Waste Disposal Facility



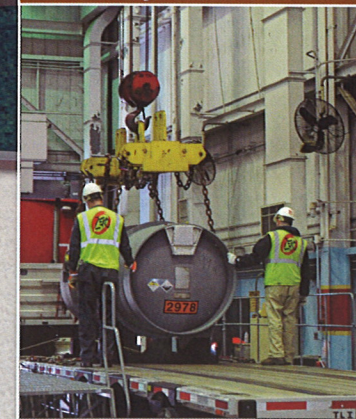
Equipment Removal



Process Building D&D



Barter Cylinder Transfers



Balance of Plant D&D

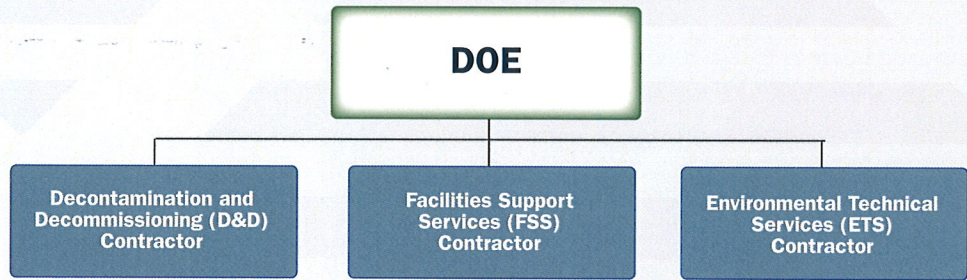


PORTS D&D Project Organization



The PORTS Work Breakdown Structure (WBS) includes activities for DOE and three contractors: the Decontamination and Decommissioning (D&D) Contractor, the Environmental Technical Services (ETS) Contractor, and the Facilities Support Services (FSS) Contractor.

DOE holds ultimate responsibility for achieving the objectives for the PORTS site and funds and oversees the work of the three contractors to that end. The ETS Contractor acts as DOE's technical representative, overseeing the work done by the D&D and FSS Contractors for quality, cost reasonableness, and adherence to contractual requirements. The FSS Contractor provides ongoing facility operations support. The D&D Contractor provides program management and implementation of the site operations, D&D, environmental remediation, and waste management objectives for PORTS.



Work Breakdown Structure and Division of Responsibility

