

## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

#### Proposed Agenda for the April 1, 2021 Board Meeting

Chair

Robert Berry

5:30 p.m.

Call to Order, Introductions

**Co-Vice Chair** 

Review of Agenda

Carlton Cave

Approval of January Minutes

**Board Members** 

**DDFO Comments** 

--15 minutes

Dr. Todd Burkitt Jody Crabtree

Turman Helton

Jimmy Smalley

Beckie Thomas-Kent Judy Vollrath **Federal Coordinator Comments** 

--10 minutes

-- 5 minutes

**Administrative Issues** 

**Liaison Comments** 

--20 minutes

- • Spring 2021 EM SSAB Chairs Meeting Preview
- 1. Charge #1
- 2. Charge #2

**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 Phone 740.289.5249 Fax 740.289.1578





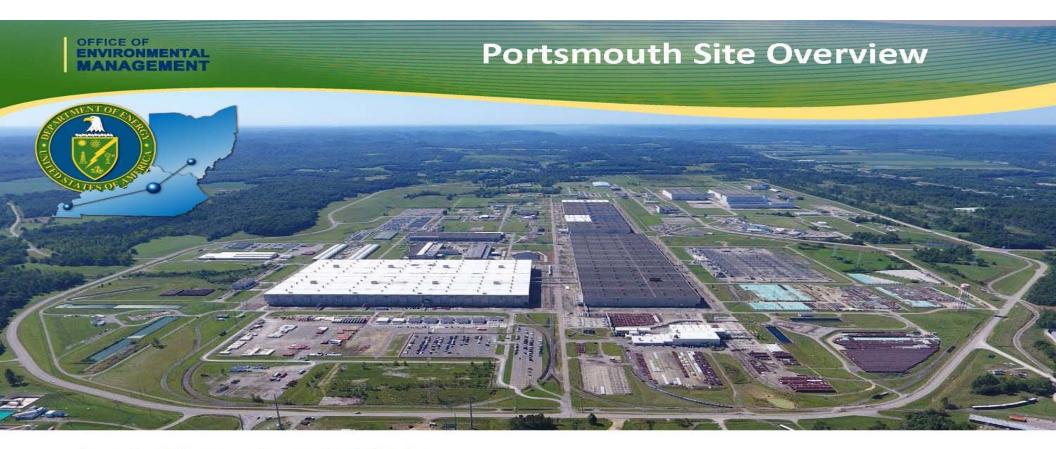
OFFICE OF ENVIRONMENTAL MANAGEMENT



# Portsmouth Site Specific Advisory Board

Jeffrie Bettinger DOE PPPO Portsmouth Site Lead





- Located in south central Ohio
- Plant occupies approx. 1,200 acres of a 3,777-acre federal site
- Uranium enrichment operations ran from 1952 to 2001
- DOE EM cleanup mission began in 1989

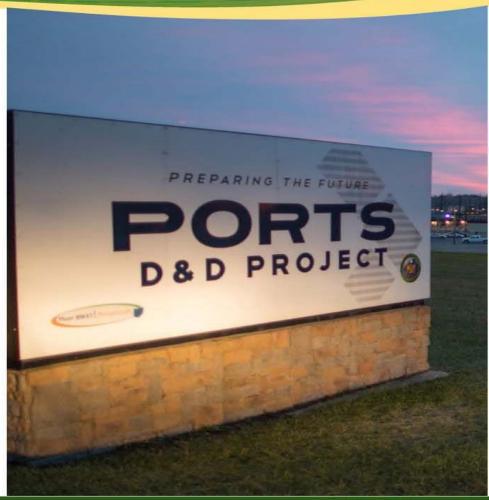
## **Portsmouth Ten Year Strategic Focus**

## Portsmouth Deactivation & Demolition

- Complete X-326 demolition in FY23
- Complete X-333 demolition in FY27
- Complete X-330 deactivation in FY29

## Portsmouth OnSite Waste Disposal Facility (OSWDF)

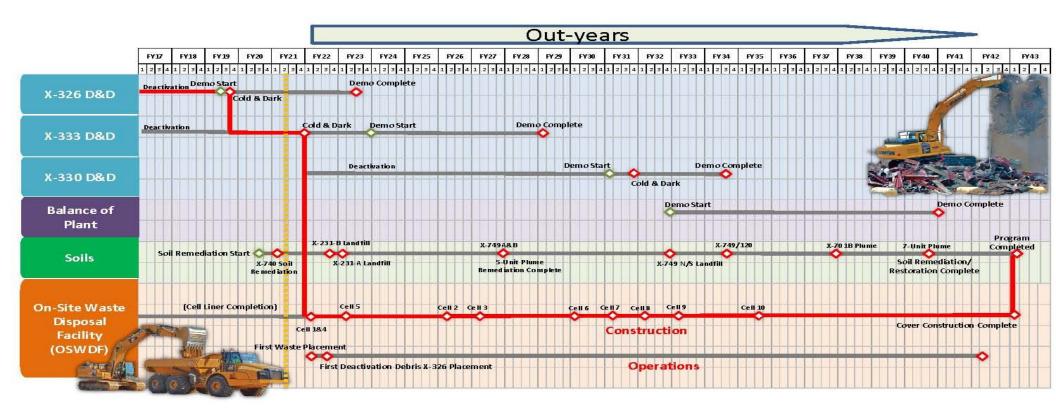
- Complete CAP 1 liners for X-326 debris in FY22
- Complete construction of three CAP 2 liners for X-333 debris in FY25
- Complete two liners for X-330 Process Building debris in FY30
- Complete two liners for Balance Of Plant (BOP) debris in FY32



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## Portsmouth Lifecycle Baseline Strategy





## **D&D Project Status**

### **Portsmouth Status**

January 2021



## X-326 Process Building D&D

## **Project Status**

- Deactivation complete
- Demolition begins 2021
- Demolition project complete in 2023





## X-326 Process Building D&D



#### **Pre-Demo Completion**

- Co-located monitors operational
- Water treatment system completed

#### In 2021

- Demo plan approved
- Transite siding removal underway
- Four of 10 building sections slated to be demolished.



- Deactivation complete 2021
- Demo preps in 2022
- Demolition start 2023
- Demolition complete in 2027



- Cell 1 complete
- First waste placement Spring 2021
- Waste Acceptance Organization (WAO) Established

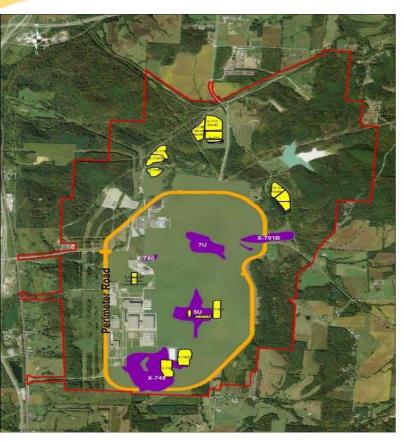
## **On-Site Waste Disposal Facility**

#### In 2021:

- Complete haul road
- Complete Modular Leachate Treatment System
- Complete construction of Cell Liner 4 of the **OSWDF**



## **Landfills and Plumes Excavation**



- 5 landfills and plumes closed within Perimeter Road
- Fill for OSWDF
- Established regulatory commitment tied to OSWDF
- Offers large contiguous site for reuse



## X-740 Plume Excavation



#### In 2021:

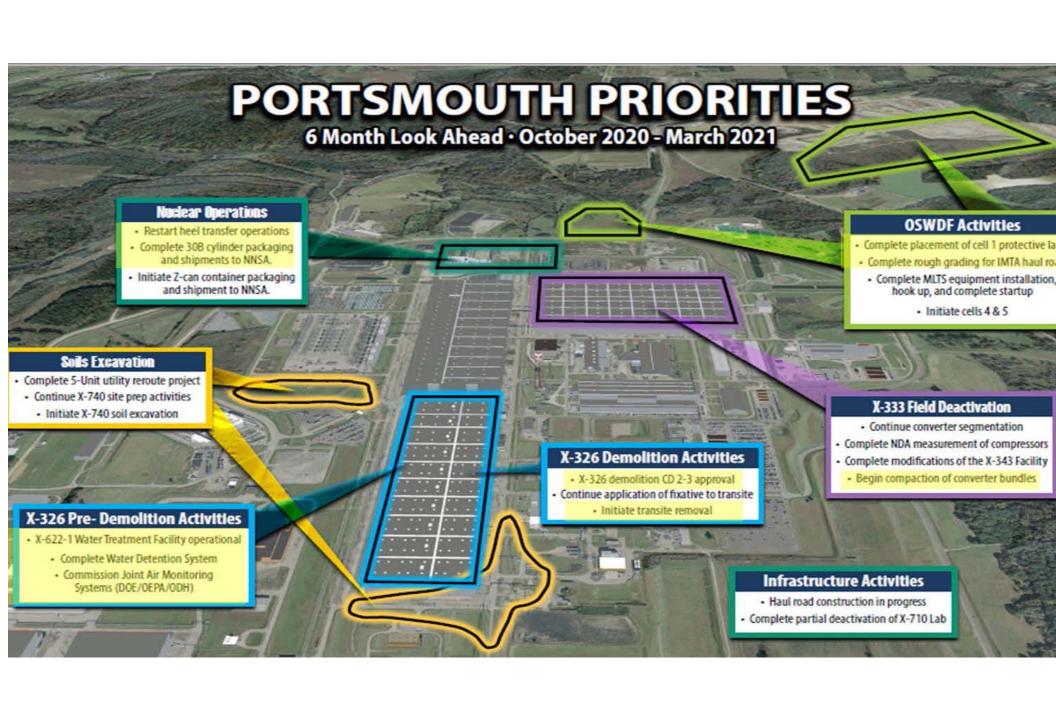
- Complete 5-unit utility reroute project
- Begin X-740 plume excavation for OSWDF fill

### **Portsmouth Land Transfer**

- Parcel 1 ~80 acres transferred
   2019
- Parcel 2 transfer package for ~200 acres will be submitted in 2021
- Parcel 3 identified and preparing due diligence documentation

From 2018 to 2022, DOE will transfer 320 acres (close to 10% of the EM footprint) to the local community reuse organization





## **Questions?**



## Agenda

#### April 20, 2021 (12-4pm ET / 9am-1pm PT)

- Update from EM Leadership
- Round Robin
- Public Comment
- Break
- EM-4 Update
- Communications Briefing

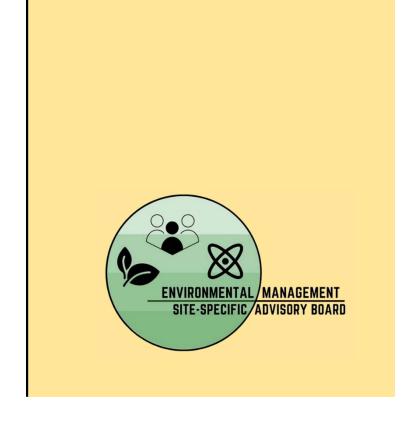
#### April 21, 2021 (12-4pm ET / 9am-1pm PT)

- Charge #1 presentations and discussion
- Public comment
- Break
- Charge # 2 presentations and discussion
- Open discussion



## CHAIRS ROUND ROBIN

Spring 2021





## Round Robin Guidelines

- During the EM SSAB National Chairs' Meeting, each of the 8 local boards has five
   (5) minutes and one (1) slide to present to EM Headquarters leadership as part of the Round Robin agenda item
- Things to remember/consider:
  - This is your opportunity to speak directly to leadership regarding what is important to the Board
  - Leadership is already aware of the site's accomplishments
  - Highlight the Board's top interest/concern and/or Board's accomplishment



## PORTSMOUTH CITIZENS ADVISORY BOARD

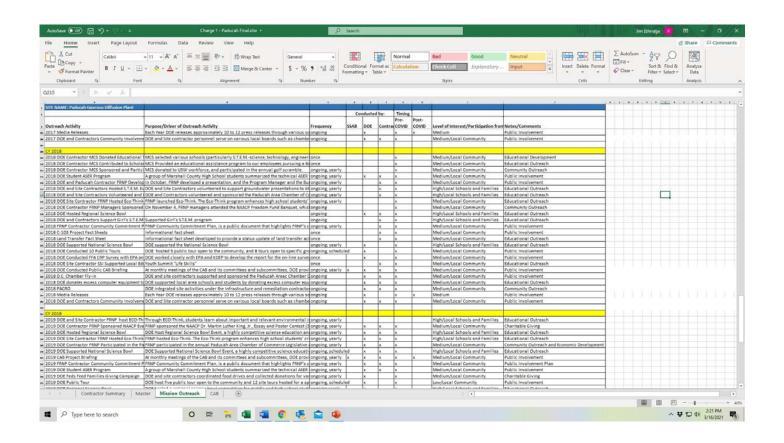
- The SSAB is anticipating the active work of demolition, excavation and waste placement to begin. Years of work, and many recommendations, have been involved and we're looking toward this milestone event.
- The SSAB has concerns that a subset of the community continues to voice concerns of the safety and wisdom of D&D and permanent waste placement. This encourages DOE to build trust with all stakeholders.



## Charges to the EM SSAB/CAB Chairs

### **Charge #1 - Advisory Board and Site Outreach**

- Develop a best practices white paper that DOE could use as a guide to augment existing outreach programs and set expectations for future outreach activities.
  - Each Board shall identify existing outreach practices performed at their site by both the Site-Specific Advisory Board (SSAB) and DOE.
  - Outreach data should include, but not be limited to, Science, Technology,
     Engineering, and Math (S.T.E.M.), budget prioritization, and events.
    - o Determine if there are any gaps or need for additional outreach.
    - Each Board will present their results during the Spring 2021 Chairs meeting.
- The Chairs will collaboratively discuss the individual Board results and develop the requested white paper (Spring 2021 Fall 2021).



**Charge #1 - Advisory Board and Site Outreach** 

#### **Best practices:**

The Community Commitment Plan along with the contractual provisions for community engagement have made tremendous impacts to economic development in our impacted area. Quite literally millions of dollars have been donated that have turned into hundreds of jobs that would not be available with out the CCP.

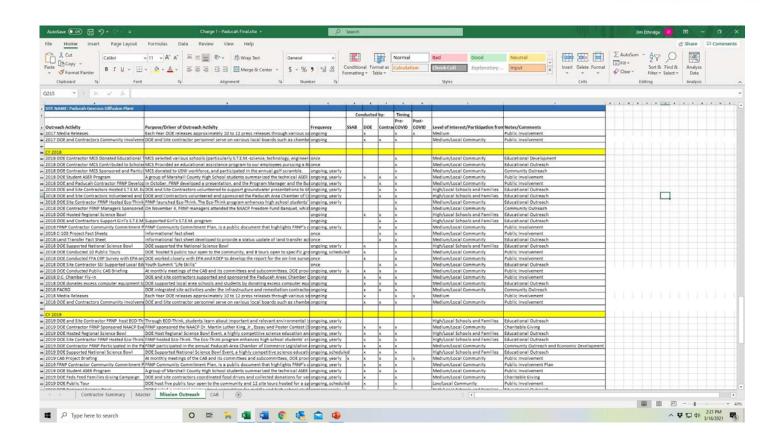
### **Improvement Opportunities:**

While DOE and the SSAB have worked cooperatively on a plan, there is still a need to educate the local stakeholders on risk, environmental monitoring and health and safety protections provided by DOE and regulatory oversite.

## **Charges to the EM SSAB Chairs**

### **Charge #2 – SSAB Expectations/ Guiding Principles**

- Identify SSAB 10-year expectations and guiding principles that could be used as a complex-wide framework for DOE EM's interaction with stakeholders/communities
  - Utilizing the current EM 10-year Vision\*, each Board will document their expectations for how DOE EM will interact with local stakeholders/communities to reach that 10-year vision (a template will be provided to each board)
    - Each Board will present their results during the Spring 2021 Chairs meeting
  - The Chairs will collaboratively discuss the individual Board results, identify commonalties and develop a complex-wide SSAB expectations and guiding principles framework (Spring 2021 – Fall 2021)
- \* 10-Year Vision can be found at <u>DOE-Strategic-Vision-LR.pdf (energy.gov)</u>



**Charge #2 – SSAB Expectations/ Guiding Principles** 

## Top three suggestions for improving stakeholder interactions during the next 10 years:

- The excavation of groundwater plumes and unlined landfills will not only provide fill material for the OSWDF, but also leave a healthier environment and cleaner footprint for future land transfer.
- While the successful coordination and completion of simultaneous waste cell construction, building D&D and landfill excavation are important, local stakeholders should hear more about monitoring efforts, the WAO and regulatory oversight benchmarks.
- The DOE and contractor workforce is a major source of pride for southern Ohio. Continued workforce training that produces safe, timely and quality work should be promoted to local communities for the benefits that it provides.

