



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the September 7, 2017 Board Meeting

| | | |
|---|--|---|
| Chair Robert L. Berry | 6 p.m. Call to Order, Introductions Review of Agenda Approval of May Minutes | |
| Co-Vice Chairs Lisa Bennett Carlton L. Cave | DDFO Comments | --15 minutes |
| Board Members Bradley Burns Maddeline C. Caudill Al Don Cisco Dennis Foreman Carl R. Hartley Ronda J. Kinnamon Irma C. Payne Cynthia Quillen Jimmy E. Smalley Judy R. Vollrath | Federal Coordinator Comments Liaison Comments Presentation - Administrative Issues <ul style="list-style-type: none">• EM SSAB National Chairs Meeting Update Bob Berry and Carlton Cave• EM SSAB Chairs Draft Recommendation-Road Map<ul style="list-style-type: none">○ Public Comments on Recommendation○ Board Comments on Recommendation• EM SSAB Chairs Draft Recommendation-WIPP Above Ground Storage<ul style="list-style-type: none">○ Public Comments on Recommendation○ Board Comments on Recommendation | --10 minutes -- 5 minutes --20 minutes --5 minutes --5 minutes --5 minutes |
| Deputy Designated Federal Official Joel Bradburne | <ul style="list-style-type: none">• Annual Executive Planning and Leadership Training Session Update• Adoption of FY 2018 Work Plan | --5 minutes --10 minutes |
| DOE Federal Coordinator Greg Simonton | Subcommittee Updates | --5 minutes |
| | Public Comments | --15 minutes |
| | Final Comments from the Board | --15 minutes |
| Support Services EHI Consultants, Inc. 1862 Shyville Road Piketon, OH 45661 Phone 740.289.5249 Fax 740.289.1578 | Adjourn | |

U.S. DEPARTMENT OF ENERGY



Deputy Designated Federal Official Presentation Portsmouth Site Specific Advisory Board

Joel Bradburne, DOE Site Lead
September 7, 2017

Integrated Safety Management System



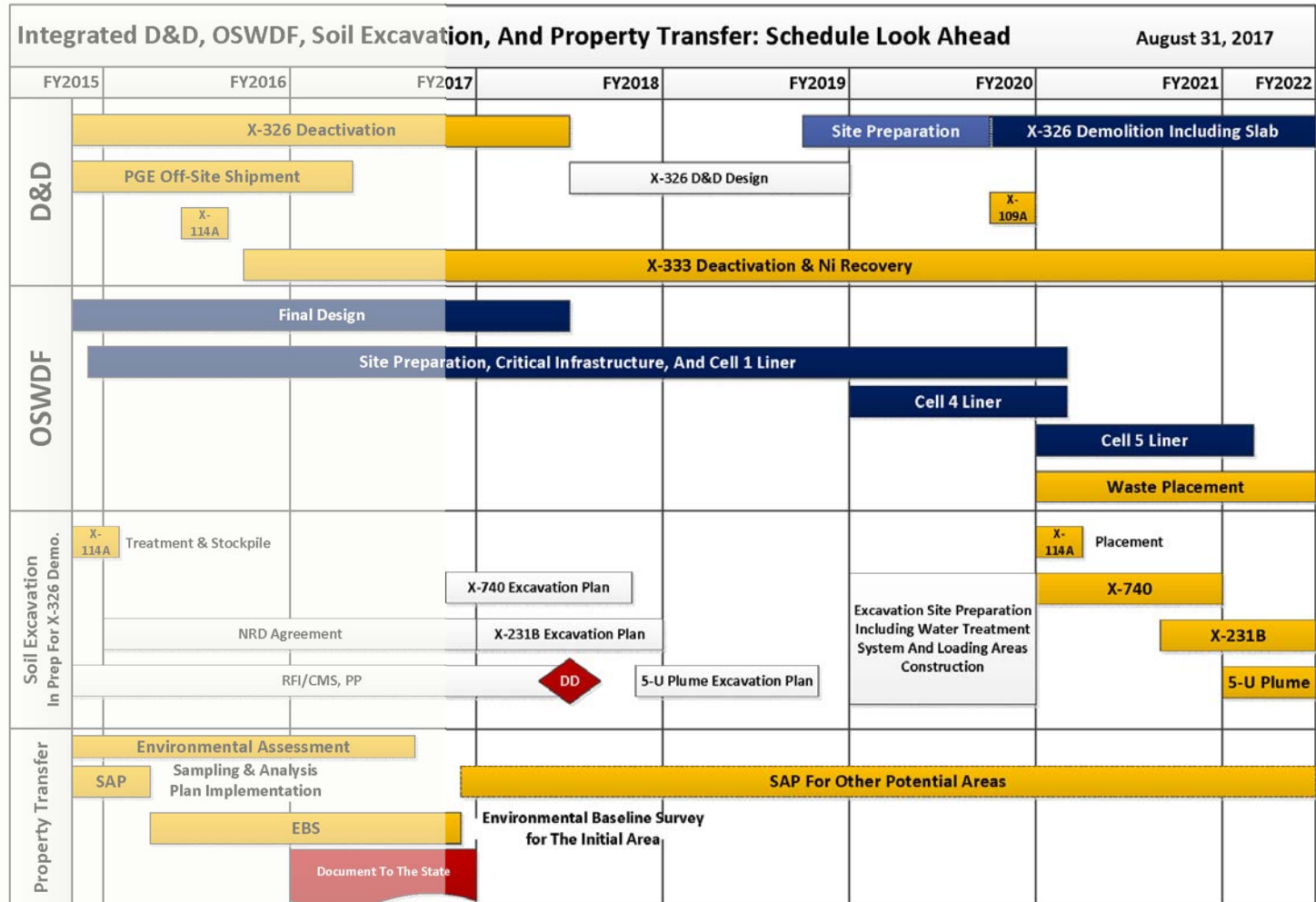
P O R T S
SAFETY WORKS



Safety is Central in All We Do



PORTS Integrated Baseline





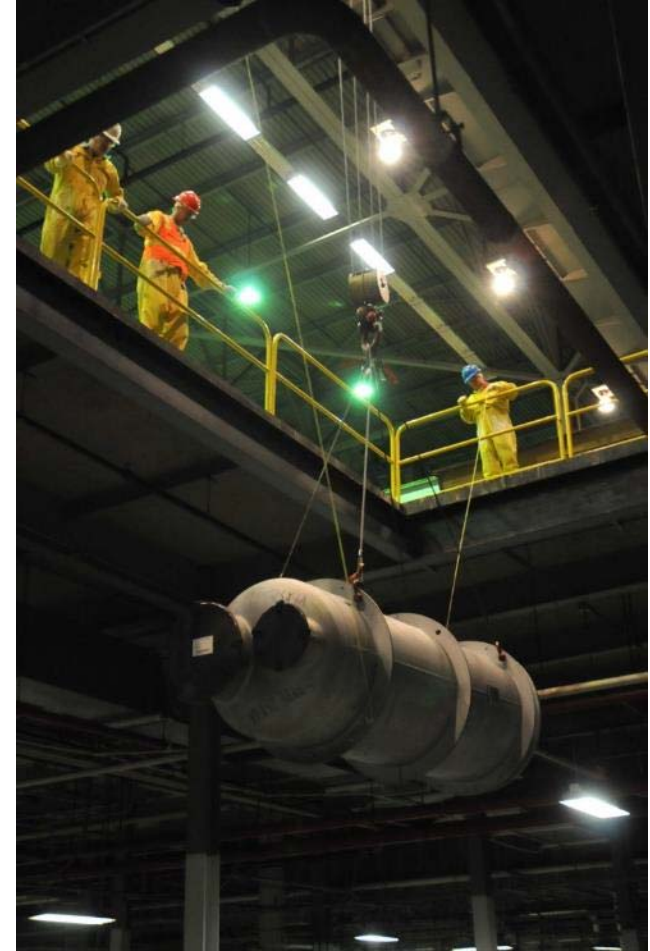
D&D Progress – X-326 Deactivation





D&D Progress – X-326 Deactivation

- Deactivation Goal – ‘Cold & Dark’
 - Downgrading facility from a Category 2 Nuclear Facility
 - Downgrading security
 - Utility isolation and relocation
- In the past three years, more than 7,000 process components have been removed and disposed off-site.
- Complex, labor-intensive process involving every department within the PORTS D&D Project.
- **Goal – ‘Cold & Dark’ in 2018 and ready for demolition.**





D&D Progress – X-333 Deactivation





D&D Progress – X-333 Deactivation



Preparations for Cold and Dark Begin

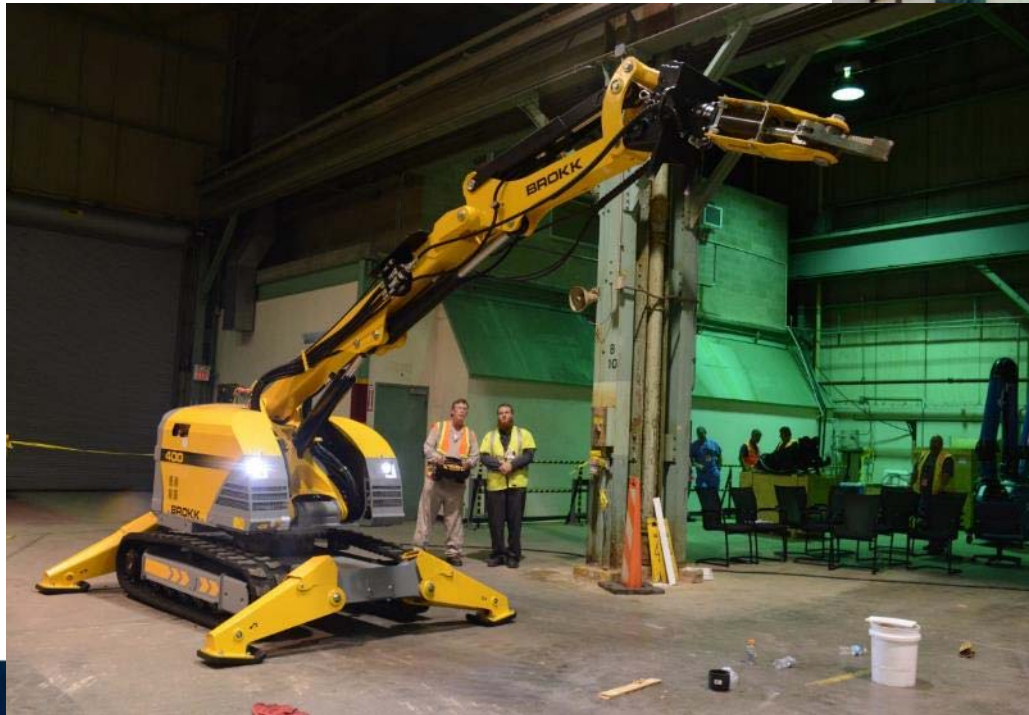
- Material Sizing Area being assembled on the X-333 Cell Floor
 - Large process gas equipment will be downsized for efficient use of space in the OSWDF
 - Nickel will be removed for potential recycling





D&D Progress – Robotics Integration

Workers trained to use robotic technology to increase safety and efficiency when dismantling process equipment the X-333 MSA.





OSWDF Construction





OSWDF Construction

Busy Summer at OSWDF

- Heavy excavating equipment arrived
 - Used previously on Portsmouth By Pass
 - Be used to move $> 1M Y^3$ of dirt
- North Access Road being widened to accommodate additional traffic into OSWDF

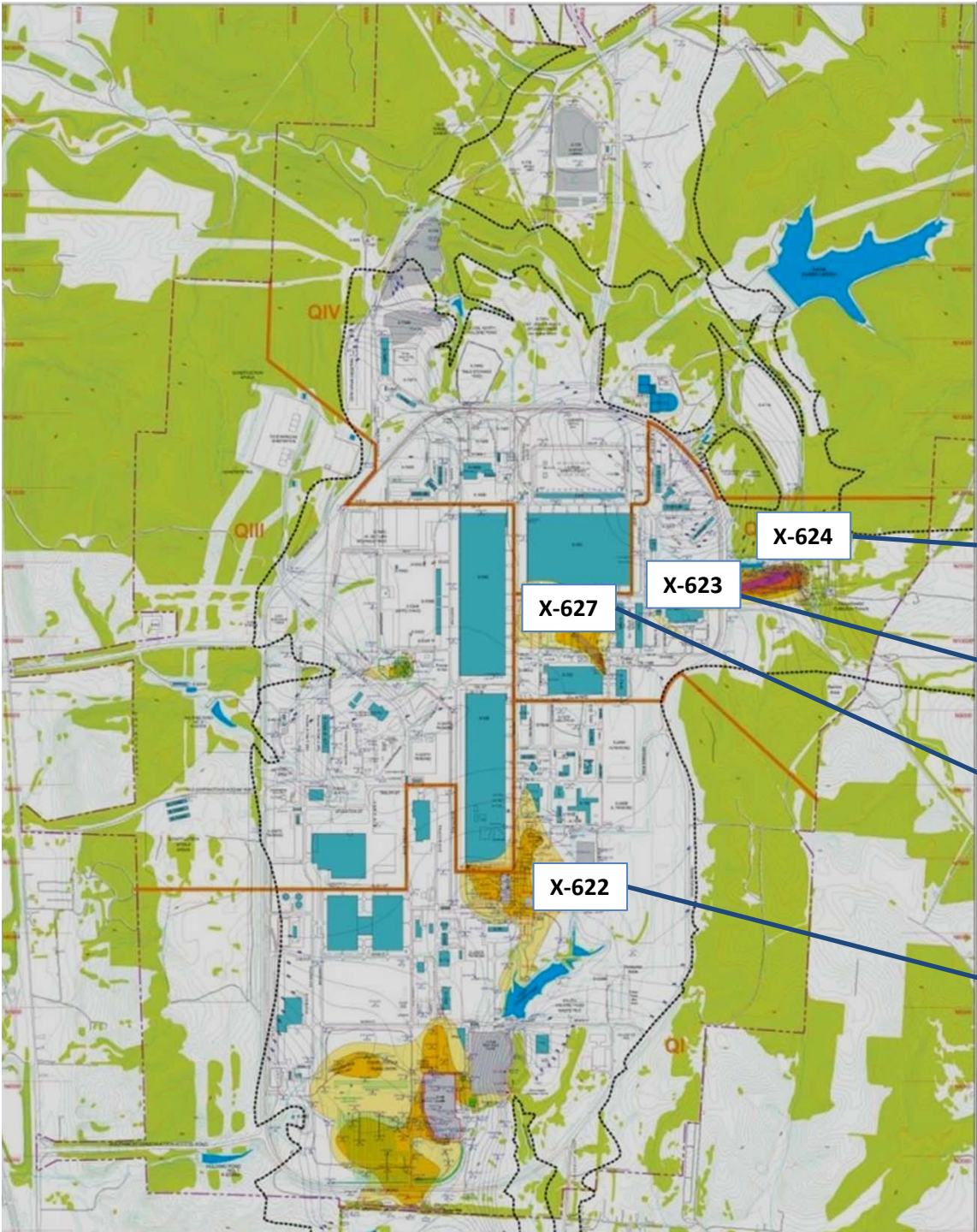




Groundwater Cleanup



Groundwater Cleanup



| Groundwater Treated FY2017 | Groundwater Source | TCE Removed FY2017 lbs. |
|----------------------------|---|-------------------------|
| Gallons 3,325,200 | X-701B Plume | 108.05 |
| Gallons 3,060 | Misc. Site | 0.00 |
| Gallons 8,988,965 | 7-Unit Plume | 88.23 |
| Gallons 17,291,100 | 5-Unit & X-749/ X-120 Plumes & PK Drainage | 21.94 |



Infrastructure Upgrades





Infrastructure Upgrades

- Parking Lot and Perimeter Road Paving





Infrastructure Upgrades

- New water treatment system at X-611





Infrastructure Upgrades

- New nitrogen station installed



New X-675 Nitrogen Station





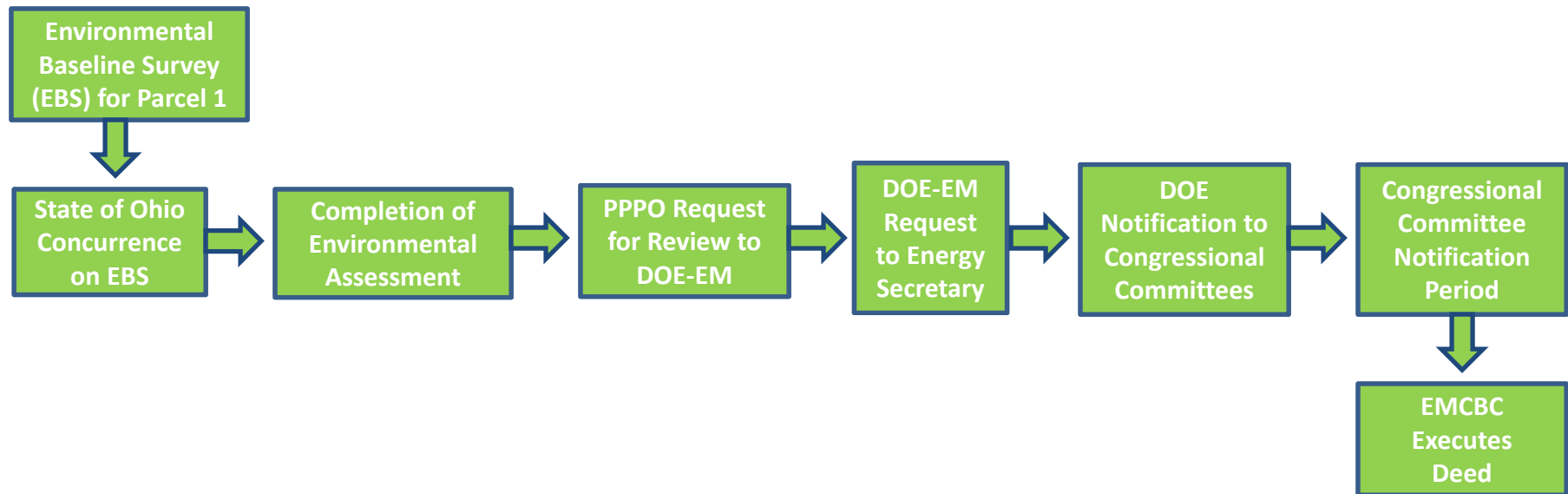
Future Use – First Property Transfer

- Through a collaboration with the Southern Ohio Diversification Initiative (SODI), DOE has identified an 80-acre parcel for transfer
- Environmental baseline survey developed, reviewed by Ohio EPA
- Requires DOE-HQ and Congressional approval
- Property could be component to future reindustrialization





Future Use – First Property Transfer



This is a high level overview of key steps in the property transfer process as outlined by 10 CFR 770 – Transfer of Real Property at Defense Nuclear Facilities for Economic Development.





Environmental Assessment

- Analyzes the potential environmental consequences associated with potential land transfers.
- DOE invited comments on the Draft EA for a period of 45 days ending on February 18, 2017. It was extended another 45 days until April 19, 2017.
- The public was notified through local newspapers, post cards and letters.
- Based on the results of the final EA, DOE determined that the transfer of property would not affect the quality of the human environment; therefore, issuing a Finding of No Significant Impact (FONSI).
- Copies of the EA and final FONSI may be requested from the DOE Environmental Information Center, OSU Endeavor Center, Piketon.
<https://www.energy.gov/nepa/ea-1856-conveyance-real-property-portsmouth-gaseous-diffusion-plant-pike-county-ohio>





DUF₆ Conversion Plant Update



- The Portsmouth DUF6 Operations team is focused on resuming operations.
- Operations and maintenance teams have demonstrated disciplined operations through operations evolutions, surveillance activities and maintenance activities.
- Based on the results of recent reviews and progress towards completion of our self-assessments, they have declared readiness to begin their Management Self-Assessment (MSA) August 21, 2017.



Upcoming Outreach Events

- DOE Science Alliance, October 3-5, 2017
- SSAB Full Board Meeting Thursday, November 2, 2017
- D&D Project Update Meeting, October 24, 2017 – Valley High School

To register for the public tours, please contact Sandy Childers
sandy.childers@fbports.com or 740-897-2336.

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

**PORTSMOUTH SITE SPECIFIC ADVISORY BOARD
ANNUAL WORK PLAN
Fiscal Year 2018**



The attached SSAB Work Plan has been agreed upon by U.S. Department of Energy and the Portsmouth Site Specific Advisory Board on September 7, 2017:

Chair
PORTS Site Specific Advisory Board



Joel Bradburne
DDFO
U.S. Department of Energy,
PPPO



INTRODUCTION

The Portsmouth Gaseous Diffusion Plant (PORTS) Site Specific Advisory Board (SSAB) is a stakeholders' board, chartered to provide advice and recommendations to the U.S. Department of Energy (DOE) on decontamination and decommissioning, environmental remediation, waste management and related issues at the Portsmouth Site. The Portsmouth/Paducah Project Office (PPPO) manages the Environmental Management (EM) activities in Portsmouth.

The SSAB is comprised of up to 20 members, chosen to reflect the diversity of gender, race, occupation, views, and interests of persons living near the Portsmouth Site. The board is committed to reflecting the concerns of the communities impacted by environmental management of the plant site. Besides DOE, the Ohio Environmental Protection Agency (OEPA) and Ohio Department of Health (ODH) are represented in an advisory capacity.

The scope of the SSAB is to provide advice and recommendations concerning the following EM site-specific issues: environmental restoration; waste management; recycling; future land use and long-term stewardship. The Board may also be asked to provide advice and recommendations on any other EM projects or issues.

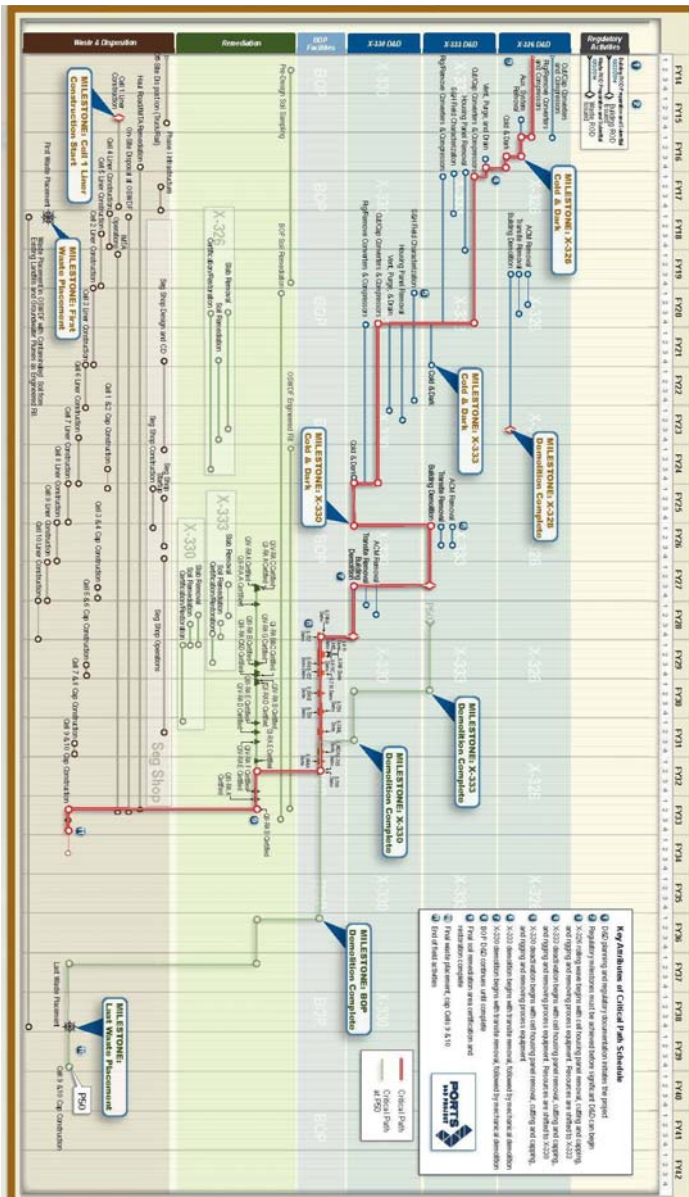
The Board meets bi-monthly to hear presentations by persons working on relevant environmental management topics, listen to and discuss input from citizens, consider recommendations developed by the PORTS SSAB subcommittees, and perform other business. The Board strives for consensus in reaching decisions and conducts business under a set of bylaws, standing rules, and special rules of order, which incorporate the principles of *Robert's Rules of Order*.

Every month SSAB members participate in subcommittees to focus on various topics related to site cleanup. Active subcommittees for the fiscal year 2018 were established based on project priorities, as selected by the SSAB members, with guidance from DOE. They are:

- Historical Legacy & Community Engagement
- Decontamination and Decommissioning/Remediation Progress
- Future Use
- Budget and Lifecycle Planning

This Work Plan addresses the SSAB priorities for the 2018 Fiscal Year. Although the Board intends to structure its activities to focus on the priority projects, it is understood that other topics may present themselves that could result in deviation from the Work Plan. A prescribed process is followed to alter the SSAB work plan with alterations accepted and approved by both the SSAB and DOE.

PORTS-D&D PROJECT LIFECYCLE CRITICAL PATH SCHEDULE



Commented [G1]: This needs updated..

SUBCOMMITTEE DESCRIPTIONS

HISTORIC LEGACY AND COMMUNITY ENGAGEMENT

The mission of the Historic Legacy and Community Engagement subcommittee is to make recommendations regarding the short-and long-term visions for preserving and archiving the role of the Portsmouth Gaseous Diffusion Plant in the community and the nation that represents the communities' interests as well as to create avenues for communication to the communities impacted by the environmental management activities at the site.

FY 2018 HISTORIC LEGACY AND COMMUNITY ENGAGEMENT TOPICS

| Month | Subject |
|-----------|--|
| September | Elect Subcommittee Leadership Volunteer Organization for DOE Science Alliance |
| October | DOE Science Alliance Recap – DOE DOE Science Alliance Recap – Subcommittee Chair |
| November | Hosting Spring EM SSAB Chairs meeting SSAB Member Recruitment Opportunities |
| December | Education Workshop |
| January | Hosting Spring EM SSAB Chairs meeting |
| February | Volunteer Organization for Science Bowl Update on Current Historical Efforts: Virtual Museum, Displays, Artifacts |
| March | DOE Science Bowl Recap – DOE DOE Science Bowl Recap – Subcommittee Chair |
| April | Hosting Spring EM SSAB Chairs meeting |
| May | Ohio University Student ASER Program – DOE Ohio University Student ASER Program – Subcommittee Chair |
| June | EM SSAB Chairs meeting |
| July | Member Education and Training |

As appropriate, the subcommittee will strive to prepare and present short briefings supporting proposed recommendations during the bi-monthly board meetings. In order to fulfill its mission, the subcommittee may add additional topics and/or meetings as needed. The subcommittee will be responsible for informing the full SSAB on changes to the subcommittee's work plan.

HIGHLIGHTS OF PREVIOUS SUBCOMMITTEE WORK PRODUCED THE FOLLOWING RECOMMENDATIONS:

10-04: *The DOE EM SSAB recommends that a meeting be held with official representatives of all counties, cities, villages, and townships within the five county areas of Adams, Jackson, Pike, Ross, and Scioto to discuss the current D&D activities and future land use possibilities to help insure that constructive public comments are obtained.*

10-05: *The PORTS SSAB recommends that DOE develop a plan to offer DOE Plant site tours and develop informational and educational materials for the purpose of increasing stakeholder knowledge and awareness of the daily ongoing environmental management and clean-up operations.*

13-03: *The PORTS EM SSAB recommends DOE and its contractors develop four informative displays to be shown in each of the four counties surrounding the PORTS facility. These displays should be mobile and the locations in each of four counties should vary on a rotating basis... The PORT EM SSAB believes it is important for future generations to understand the importance of the PORTS facility.*

DECONTAMINATION AND DECOMMISSIONING (D&D) /REMEDIAION PROGRESS

The mission of the Decontamination and Decommissioning/Remediation Progress subcommittee is to evaluate and make recommendations on DOE's planning and implementation of the treatment, storage, disposal and transportation of wastes and materials for which the EM program is responsible.

FY 2018 DECONTAMINATION AND DECOMMISSIONING (D&D) /REMEDIAION PROGRESS TOPICS

| Month | Subject |
|-----------|---|
| September | Elect Committee Leadership On-Site Waste Disposal Facility Construction Update |
| October | Waste Disposition Streams and Tour |
| November | X-333 Update and Tour Segmentation Shop Update and Tour |
| December | Education Workshop |
| January | Lifecycle Baseline Summary Update Near-Term and Long-Term Schedule |
| February | Reclamation and Storage of Precious Metals |
| March | Infrastructure Optimization Update |
| April | Waste Shipping Overview and Tour |
| May | Recycling Overview |
| June | Host Spring EM SSAB Chairs Meeting |
| July | Member Education and Training |

As appropriate, the subcommittee will strive to prepare and present short briefings supporting proposed recommendations during the bi-monthly board meetings. To fulfill its mission, the subcommittee may add additional topics and/or meetings as needed. The subcommittee will be responsible for informing the full SSAB on changes to the subcommittee's work plan.

PREVIOUS SUBCOMMITTEE WORK PRODUCED THE FOLLOWING RECOMMENDATIONS:

09-03: *The Portsmouth EM-SSAB recommends the implementation of accelerated D&D and remediation schedule for the Portsmouth site and funding to make that happen*

09-01: *The Portsmouth Site Specific Advisory Board recommends that DOE's DRAFT RFP for D&D of the GDP provide support to the local community for regional economic development.*

10-06: *The DOE EM SSAB recommends that DOE continue to study waste disposition alternatives. As a part of this study, DOE should look at positive impacts of recycling and waste minimization. This study should include, but not be limited to: waste stabilization, recycling, metal smelting, compaction, and shredding as a means of minimizing waste volumes.*

11-01: *The DOE EM SSAB recommends that DOE continue to study waste disposition alternatives. The PORTS EM SSAB suggests that DOE consider the following parameters if a CERCLA cell is considered such as, but not limited to:*

- Possible Use of Multiple Smaller Cells,
- Ensure Minimal Footprint/Waste Minimization/Recycling,
- Reuse Existing Landfills if possible,

- Areas not conducive for reuse should be considered,
- Consider Impact on Cultural resources,
- Blend with Existing Terrain,
- No off-site waste accepted,
- Community benefit-land use management plans should be developed,
- Cells should be Latest Cell technology,
- Additional Education for Community members,
- Complimentary use of Cell Space,
- Industrial Use clean-up standard.

11-06: The SSAB recommendation on continued investigation of a potential on-site disposal cell and location. This recommendation is an act of good faith on the part of the SSAB to work in coordination with the U.S. Department of Energy, Fluor B&W, Ohio EPA and the various subcontractors to continue their work associated with the CERCLA process.

12-01: The SSAB support for enhanced recycling efforts. An aggressive recycling and reutilization effort on the part of the DOE at the Portsmouth site could be used as the model, by which all future D&D projects would be measured... The many benefits of a state of art recycling program include: reduction of any potential disposal cells disposal cells footprint, reduced site legacy costs, more land available for potential redevelopment, reduction of tipping fees associated with disposal, reduced cost of liner materials, potential reduced production cost and environmental impact of newly manufactured materials as well as being able to fund a portion of the project through revenue generated.

13-02: The PORTS EM SSAB believes it is important for DOE to understand the basis for its support of an On-Site Disposal Cell (OSDC). That support does not come from an overarching desire to have nuclear waste placed in our community. The only justification for such a decision is that it provides our community its best chance for economic stability in the near term and economic growth for the long term. However, the board wants to make it clear to DOE and the Ohio EPA that it objects to an On-Site Disposal Cell unless certain conditions can be met and explicitly outlined in the upcoming Proposed Plan, regardless of any regulatory hurdles that may exist. To put it simply, these regulatory hurdles are not ours to overcome, but rather they are the responsibility of a concerted effort on the part of DOE, site contractors and the Ohio EPA. The PORTS EM SSAB, like elected officials from throughout the region, endorses the concept of the Future Vision Plan. Our principles for supporting an OSDC, which included aspects of Future Vision Plan, need to be outlined in the DOE Proposed Plan. If DOE and/or the Ohio EPA believe any of them are not feasible, or for whatever reason they cannot be accomplished, then the PORTS EM SSAB recommends all D&D waste be disposed of off-site. The principles are as follows:

- The PORTS EM SSAB requests no new waste generated from off-site locations be placed in any Portsmouth OSDC;
- The PORTS EM SSAB requests all contaminated plumes be exhumed and remediated in a manner that slows for future reindustrialization without unnecessary restrictions at those locations;
- The PORTS EM SSAB requests all known landfills within Perimeter Road, as identified in the Waste Disposition Remedial in a manner that allows for future reindustrialization at those locations. If radiological material exists in any of the currently capped landfills that does not meet the Numerical and Administrative Waste Acceptance Criteria, it must be disposed of off-site;
- The PORTS EM SSAB requests all barrier material, outside of the 326 building, be segregated for the potential recovery of its valuable nickel. If the recovery of the nickel material is not deemed to be financially advantageous or achievable,
- the PORTS EM SSAB requests all barrier material be disposed of off-site. Such a determination regarding the reuse of the nickel assets shall be made in the near term and shall not exceed the next 5 years for a finalized plan. Final disposition shall not expand beyond 10 years for all of the recovered nickel to be reused/recycled and be removed from the Piketon site;
- The PORTS EM SSAB requests all current and existing waste from the Depleted Uranium Hexafluoride (DUF6) conversion operations be disposed of off-site as these are known to contain

highly toxic and radiological contaminants;

- The PORTS EM SSAB requests the DOE fund an implementable land use plan (as was done for the Miamisburg Mound complex) resulting in a usable end state for whatever reuse opportunities become available. We request that this plan incorporate green space and aesthetics as a component of design;

15-04: The Portsmouth SSAB recommends DOE make redevelopment of the Portsmouth site a priority in its decision-making related to the Portsmouth D&D project. With that end in mind, it is imperative that DOE include Reindustrialization and Asset Recovery in the scope of the PORTS D&D project and provide incentives through award fee for the contractor to perform this important piece of the cleanup project. Likewise, all PORTS D&D subcontracts should include language describing the Reindustrialization and Asset Recovery program to ensure all work being performed is compatible with the reuse goals for the site. Successful implementation of the Reindustrialization and Asset Recovery Program at PORTS requires collaboration with the community.

15-05: The PORTS EM SSAB withdraws support for on-site disposal under the current conditions and recommends DOE modify the Record of Decision (ROD) to strengthen DOE commitments that are required by the community for support of on-site waste disposal. The PORTS EM SSAB does not object to DOE's plan for D&D of the Portsmouth Gaseous Diffusion Plant, only the lack of commitment from DOE to complete the project in a manner that will foster future development. The board understands the need for DOE to continue On-Site Waste Disposal Facility (OSDC) construction efforts to align waste disposal with D&D activities and does not object to those efforts continuing, but DOE should recognize the community expects these regulatory deficiencies to be addressed before any waste placement occurs. In other words, DOE's construction efforts should be considered at risk until the community's conditions for support of on-site disposal are satisfied.

FUTURE USE

The mission of the Future Use subcommittee is to evaluate and make recommendations on DOE's ongoing efforts to develop remedial strategies to clean up land contaminated from legacy activities associated with the Portsmouth site including process buildings and soils. The subcommittee will also provide DOE with recommendations on final cleanup levels. The subcommittee will facilitate public participation in providing feedback to DOE on these decisions considering human health and the environment. DOE complex-wide concerns and impacts related to DOE's missions will also be considered.

2018 FUTURE USE TOPICS

| Month | Subject |
|-----------|--|
| September | Elect Subcommittee Leadership On-Site Waste Disposal Facility Construction Update |
| October | Waste Disposition Streams and Tour |
| November | Segmentation Shop Update and Tour |
| December | Education Workshop |
| January | Lifecycle Baseline Summary Update |
| February | SODI Update |
| March | Infrastructure Optimization Update and Tour |
| April | JEDISO Update |
| May | Recycling Program Update and Tour |
| June | Host Spring EM SSAB National Chairs meeting |
| July | Member Education and Training |

As appropriate, the subcommittee will strive to prepare and present short briefings supporting proposed recommendations during the bi-monthly board meetings. To fulfill its mission, the subcommittee may add additional topics and/ or meetings as needed. The subcommittee will be responsible for informing the full SSAB on changes to the subcommittee's work plan.

PREVIOUS SUBCOMMITTEE WORK PRODUCED THE FOLLOWING RECOMMENDATIONS:

- 09-02:** *The Portsmouth EM-SSAB recommends that the future use of the Piketon site never include the interim storage of spent nuclear fuel (High-Level Radioactive Waste)*
- 10-01:** *The Portsmouth EM Site Specific Advisory Board recommends that the DOE go forward with the use of an Ohio-based institution of higher learning for the process of conducting a Community wide End Use Study.*
- 10-02:** *The Portsmouth EM Site Specific Advisory Board supports and recommends integrating the community's core values and long-term goals for economic development in southern Ohio with regard to opportunities associated with advanced energy and environmental technology projects at the Portsmouth Site as an end use objective and with regard to related DOE/EM and D&D planning activities.*
- 10-03:** *The PORTS SSAB recommends that DOE expeditiously develop and design a metal smelter that would be suitable to recycle different types of metals into ingots from D&D operations at the Portsmouth facility for future use at DOE and nuclear reactor sites under specific and regulatory controlled conditions.*

11-02: The DOE EM Portsmouth SSAB recommends that DOE create a dedicated location to fit the needs of DOE and the community that will foster the partnership necessary to make the critical D&D decisions and serve as a central location for information dissemination. The potential exists for DOE to coordinate with the Community Reuse Organization (CRO), the Southern Ohio Diversification Initiative, or other private entities for such a multi-purpose facility-either on-site or off-site- that will simultaneously resolve logistical issues for DOE and the community.

12-03: The PORTS EM SSAB agrees with that simple premise, that there is no desire for nuclear waste to be disposed of in Pike County. However, in consideration of all the factors, the PORTS EM SSAB believes on-site disposal of some of the material is in the best interest of the community, provided it is accompanied by certain actions from DOE that will be explained later in this recommendation. The PORTS EM SSAB wants to be clear that it does not believe on-site disposal is in the best interest of the community unless these other factors can be executed. If the DOE believes any of them are not feasible, or for whatever reason cannot be accomplished, then the PORTS EM SSAB recommends all radiologically contaminated waste be dispositioned off-site.

13-01: The PORTS EM SSAB fully endorses a lifting of the DOE suspension of non-contaminated scrap metals from radiological areas at DOE facilities, including the Portsmouth Gaseous Diffusion Plant... The board fully understands that current release criteria would still be applicable and that this action in no way represents a reduction of standards... The board sees that lifting of the suspension as a key first step to the establishment of a large-scale recycling and reuse program that the site will benefit our community and communities across the nation... That is true not only because of the DOE-SODI agreement, but because of the potential for a national recycling center for metals from radiological areas (as described above) that would put us at the forefront of what is sure to become a thriving industry.

13-04: The PORTS EM SSAB recommends that U.S. Department of Energy fund an implementable land use for the entire reservation, as was done for the Miamisburg Mound Complex, resulting in a usable end state for a variety of reuse opportunities. It is important to establish clear goals for reuse while providing critical habitats for plants and animals. We request that this plan incorporate green space and potential conservation areas adding to the aesthetics as a component of design, and include, but not limited to:

- Utility infrastructure and access;
- Identification of areas outside the perimeter road best suited for redevelopment;
- Preservation of sizable portions of the reservation as green space and potential conservation areas (results of the OU habitat study should be considered in the prioritization and consideration of such areas.)

Letter to the Honorable Stephen Chu: The PORTS EM SSAB would like to thank you and your staff for its efforts related to the potential lifting of the suspension of non-contaminated metals in radiological areas for recycling purpose at DOE facilities.

Letter to Senior Advisory David Huizenga: The PORTS EM SSAB invites you and the Honorable Dr. Ernest Moniz, Secretary of Energy, to meet the PORTS EM SSAB members, our elected officials and other community leaders who have a vested interest in the activities at the site. Multiple critical regulatory decisions are upon us and our community is taking a proactive approach regarding future land use of Portsmouth/Piketon reservation and life beyond the D&D program of former uranium enrichment facility.

14-01: The PORTS EM SSAB recommends DOE provide continued support and funding for the Portsmouth Asset Recovery Program. Additionally, the PORTS EM SSAB recommends DOE aggressively pursue the expansion of the Asset Recovery Program as a way to mitigate waste and prioritize clean, cost-efficient site-wide cleanup

15-01: As part of the U.S. Department of Energy's DOE commitment to remediate and prepare the former Portsmouth Gaseous Diffusion Plant (PORTS) in Piketon, Ohio, for future industrial reuse, the Portsmouth SSAB recommends any future RFP associated with the Piketon site include community commitment provisions. On future contracts at PORTS, the SSAB recommends DOE: review the scopes of work to determine how best mission requirements, while taking the local economy and the local business community into consideration; make community commitment provisions integral portions of draft RFPs and the resulting contract of various work scopes at PORTS.

15-02: *The Portsmouth SSAB recommends DOE make redevelopment of the Portsmouth site a priority in its decision-making related to the Portsmouth D&D project. With that end in mind, it is imperative that DOE include Reindustrialization and Asset Recovery in the scope of the PORTS D&D project and provide incentives through award fee for the contractor to perform this important piece of the cleanup project.*

BUDGET AND LIFECYCLE PLANNING

The mission of the Budget and Lifecycle Planning subcommittee is to understand and help local stakeholders appreciate the challenges associated with the federal budgeting process and how allocated dollars impact cleanup work at the Portsmouth site. The subcommittee will engage the local communities impacted by the environmental management activities at the Portsmouth Gaseous Diffusion Plant allowing for discussion and education on the site's funding scenarios.

FY 2018 BUDGET AND LIFECYCLE PLANNING TOPICS

| Month | Subject |
|-----------|---|
| September | Elect Subcommittee Leadership FY 2017 Budget Update |
| October | SSAB Priorities for FY 2018 Subcommittee Recommendation Development for FY 2018 Budget |
| November | FY 2018 Budget Briefing Explanation of FY 2019 Budget Formulation Process |
| December | Education Workshop |
| January | Lifecycle Baseline Summary Near-Term and Long-Term Schedule |
| February | Barter Program Overview |
| March | President's Budget Request Briefing |
| April | Explanation of FY 2020 Budget Formulation Process Integrate Lifecycle Baseline Summary for FY 2020 |
| May | Subcommittee Recommendation Development for FY 2020 Budget |
| June | Host Spring EM SSAB National Chairs meeting |
| July | Member Education and Training |

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PREVIOUS SUBCOMMITTEE WORK PRODUCED THE FOLLOWING RECOMMENDATIONS:

Budget Letter to Senior Advisor David Huizenga: *On behalf of the PORTS EM SSAB, I am writing a letter to express the board's support of three letters recently written by Ohio's senators, Sherrod Brown and Rob Portman, and our representative in the House, Congressman Wenstrup.*

SSAB MEETINGS

SSAB meetings are intended to communicate the business of the SSAB and to discuss and vote on recommendations to be submitted to DOE. In addition, Deputy Designated Federal Official (DDFO) comments will be made in the form of a presentation intended to brief SSAB members of recent developments and provide site highlights and accomplishments.

SSAB meetings will also be the forum for educational presentations that complement the working session or site management matters. Examples of suggested topics for presentations may include the annual budget process and risk education.

| | Full Board Meeting | Historic Legacy & Community Engagement | D&D/ Remediation Process | Future Use | Budget & Lifecycle Planning |
|---------------------------|---------------------------|--|---|--|---|
| September 7, 2017 | TBA | | | | |
| September 12, 2017 | | -Elect Subcommittee Leadership -Volunteer Organization for DOE Science Alliance | -Elect Committee Leadership -On-Site Waste Disposal Facility Construction Update | -Elect Subcommittee Leadership -On-Site Waste Disposal Facility Construction Update | -Elect Subcommittee Leadership -FY 2017 Budget Update |
| October 10, 2017 | | -DOE Science Alliance Recap – DOE -DOE Science Alliance Recap – Subcommittee Chair | Waste Disposition Streams and Tour | Waste Disposition Streams and Tour | -SSAB Priorities for FY 2018 -Subcommittee Recommendation Development for FY 2018 Budget |
| November 2, 2017 | TBA | | | | |
| November 14, 2017 | | -Hosting Spring EM SSAB Chairs meeting -SSAB Member Recruitment Opportunities | X-333 Update and Tour Segmentation Shop Update and Tour | Segmentation Shop Update | -FY 2018 Budget Briefing -Explanation of FY 2019 Budget Formulation Process |
| December 2017 | | Education Workshop | Education Workshop | Education Workshop | Education Workshop |
| January 9, 2018 | | Hosting Spring EM SSAB Chairs meeting | -Lifecycle Baseline Summary Update -Near-Term and Long-Term Schedule | Lifecycle Baseline Summary Update | -Lifecycle Baseline Summary -Near-Term and Long-Term Schedule |
| January 11, 2018 | TBA | | | | |
| February 13, 2018 | | -Volunteer Organization for Science Bowl -Update on Current Historical Efforts: Virtual Museum, Displays, Artifacts | Reclamation and Storage of Precious Metals | SODI Update | Barter Program Overview |
| March 1, 2018 | TBA | | | | |
| March 13, 2018 | | -DOE Science Bowl Recap – DOE -DOE Science Bowl Recap – Subcommittee Chair | Infrastructure Optimization Update | Infrastructure Optimization Update and Tour | President's Budget Request Briefing |
| April 10, 2018 | | Hosting Spring EM SSAB Chairs meeting | Waste Shipping Overview and Tour | JEDISO Update | -Explanation of FY 2020 Budget Formulation Process -Integrate Lifecycle Baseline Summary for FY 2020 |

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|---------------------------|------------|---|---|---|---|
| May 3, 2018 | TBA | | | | |
| May 8, 2018 | | -Ohio University Student ASER Program – DOE -Ohio University Student ASER Program – Subcommittee Chair | Recycling Overview | Recycling Program Update and Tour | Subcommittee Recommendation Development for FY 2020 Budget |
| June TBD, 2018 | | Host Spring EM SSAB National Chairs meeting | Host Spring EM SSAB National Chairs Meeting | Host Spring EM SSAB National Chairs meeting | Host Spring EM SSAB National Chairs meeting |
| July TBD, 2018 | | Member Education and Training | Member Education and Training | Member Education and Training | Member Education and Training |

ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD

Hanford Idaho Nevada Northern New Mexico
Oak Ridge Paducah Portsmouth Savannah River

Draft Recommendation by EM SSAB Chairs
May 11, 2017

Recommendation: Above Ground Storage at the Waste Isolation Pilot Project

Background:

A key component to successfully reducing risks to human health and the environment from legacy Transuranic Waste (TRU) located throughout the DOE-EM Complex is the ability to achieve final disposition in the Waste Isolation Pilot Plant (WIPP), located near Carlsbad, New Mexico. With the re-licensing of the WIPP site, we now see the extension of its operation for decades into the future. We champion the potential for expansion of the retrieve/treat/dispose efforts of the TRU program.

In past years, as individual sites queued up for removal, treatment and disposal of their respective TRU inventories, we saw a bottleneck in WIPP operations and TRU remediation efforts due to current capacity limits at WIPP for temporarily staging TRU drums in above ground, surface storage.

Maintenance shutdowns, lack of proximity of DOE-EM sites to the WIPP facility and inclement weather disrupting transportation all have impacted the efficiency of the WIPP program to meet its mandates. Concurrently, at individual sites, we have seen the extension of mortgage costs as sites package and then wait for shipping and disposition. In fact, multiple sites currently have a backlog of drums ready for shipment.

The EM SSAB Chairs believe that DOE's submittal of a modification to its Class 3 Hazardous Waste Disposal Permit with the New Mexico Department (NMED), proposing the construction of an above-ground storage facility at the WIPP site has the potential to be the right answer for addressing the current inefficiencies in operations.

The above ground storage facility proposed by WIPP has the potential to make the TRU waste disposal process more efficient. The permit modification submitted to the NMED contains a quite detailed description of this proposed addition to the WIPP facility. It is a fairly straightforward construction project and there is little reason to doubt, that if constructed to the proposed specifications, it would be capable of temporarily storing a large quantity of TRU waste. However, the permit modification provides no information on the cost of this facility, or the expected benefits to be derived from either in terms of the more efficient operation of the WIPP facility, or the reduction in risk around the DOE complex from the more efficient operations of WIPP and the TRU waste disposal process.

Recommendation:

- 1) The EM SSAB recommends seeking further efficiencies in the WIPP TRU program in order to streamline, expand and accelerate TRU waste disposition.
- 2) The EM SSAB recommends that DOE prepare for public review, information on the expected benefits and costs of this proposed addition to the WIPP facility in terms of more efficient operation of WIPP, an overall reduction of risk around the DOE complex from an increased rate of disposal of TRU waste, and the impact of the cost of this facility on other DOE facilities. Allowing nearly a one-year buffer of TRU waste inventory to be safely stored above ground at WIPP for a period of up to one year, seems to makes sense.

ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD

Hanford Idaho Nevada Northern New Mexico
Oak Ridge Paducah Portsmouth Savannah River

Draft Recommendation by EM SSAB Chairs
May 11, 2017

Recommendation: Cleanup Performance Road Map and Communication Strategy

The EM SSAB Chairs have been tasked with the development of a recommendation addressing DOE-EM's need to define communication and performance metrics that better identify project accomplishments, risks and challenges associated with cleanup activities to the public.

DOE-EM should revise metrics so the public can better understand the status of cleanup projects across the complex in the near-term. The intent is to quantify and build transparency into the status of specific projects as they move along the continuum of meeting agreements and legally binding dates for cleanup completion.

DOE-EM should utilize existing resources and simple, visual examples within the Department and other U.S. government agencies (e.g., U.S. Geological Survey, National Oceanic and Atmospheric Administration). DOE-EM should include DOE-EM complex-wide and individual site matrices information and success data.

There needs to be two clearly-described visual road maps:

- 1) A visual road map that depicts each site's schedule and key milestones
- 2) A visual road map that depicts DOE-EM's key milestones in totality.

As a complex-wide communication metric, we recommend DOE-EM identify successfully completed projects as benchmarks (e.g., Fernald and Rocky Flats cleanup sites) when developing performance metrics for similar remediation projects. These metrics might help the public to better understand the project lifecycles and the application of performance metrics used to measure successful project completion.

DOE-EM should communicate crucial, high level performance indicators that clearly show if schedules are being compromised. We suggest removing Safeguards and Securities and hotel costs from the budget bundle and giving them their own line items to clearly identify significant costs that are not actual cleanup actions.

DOE-EM should identify key project assumptions and project risks that are crucial to each individual project and the complex-wide schedule. DOE-EM should clearly identifying the challenges acknowledges realities that should be reflected. It can set up a healthy dynamic for DOE-EM to

demonstrate and communicate that it understands and acknowledges the difficulties inherent to these complex cleanup missions.

Advisory boards at each site are tasked with providing project priorities on an annual basis. However, this tool allows stakeholders to see the DOE-EM mission in totality, provides a high-level overview of each project and allows advisory boards to have a more comprehensive view of DOE-EM's work.



**PORTSMOUTH EM
SITE SPECIFIC ADVISORY BOARD**

MINUTES OF THE THURSDAY, SEPTEMBER 7, 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-Chairs, Lisa Bennett and Carlton Cave; Brad Burns, Carol Caudill, Al Don Cisco, Dennis Foreman, Ronda Kinnamon, Jimmy Smalley, Beckie Thomas-Kent, Judy Vollrath

SSAB Members Absent: Carl Hartley, Charlene Payne, Cynthia Quillen

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, Frank Miller, Steve Guthrie, Dennis Carr, Fluor-BWXT Portsmouth (FBP)

Liaisons: Shannon Dettmer, Ohio Department of Health (ODH); Dustin Tschudy, Tom Schneider, Ohio Environmental Protection Agency (EPA)

Facilitator: Eric Roberts, EHI

Public: Kevin Shoemaker, Southern Ohio Diversification Initiative (SODI); Will Henderson, Henderson & Associates; Pat Marida, Sierra Club; Karen Price, Insolves; Tony Montgomery, Pike County Commissioner; Tracey Lamerson, CARD; Diana Cahall, Kathy Myers, Nancy Steele, Becky Trusty Turpen

Approved by Bob Berry, Board Chair

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.

September Agenda:

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

- *Agenda approved as presented*

May Minutes:

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

- **Bennett:** I make a motion to approve the May minutes.
- **Caudill:** I second the motion.
 - *Motion carried, minutes approved*

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

- **PORTS Safety Works**
- **PORTS Integrated Baseline**
- **D&D Progress-X-326 Deactivation**
- **D&D Progress-Robotics Integration**
- **OSWDF Construction**
- **Groundwater Clean-up**
- **Infrastructure Upgrades**
- **Future Use-First Property Transfer**
- **Environmental Assessment**
- **DUF6 Conversion Plant Update**
- **Upcoming Outreach Events**

| Question/Comment: | Answer: |
|--|--|
| Foreman: When you say ship the nickel off, do we retain ownership of the value or do we just give that up? | Bradburne: No, but we are still hoping for some interest, it will be around here for a while before we ship it off. |
| Is there a mixture of on-line and off-line training for the robotics? | It is a combination The t-700 area is a full-scale mockup of the equipment. |
| Is that testing being done with the ponds that I saw driving out here, are they being monitored because you have run off and everything while in construction? | Are you talking about where the big heavy equipment is? All of that is just segmentation and |

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| <p>Well, everywhere really. So is that tested?</p> <p>If a business comes along on the transferred property and they create waste can it go into the waste cell?</p> | <p>erosion. We have a comprehensive IGWM (Integrated Ground Water Monitoring) system. We take samples all over the site, the area where you are talking about is part of the construction design effort.</p> <p>No, it cannot go into the on-site waste cell.</p> |
|---|---|

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:

| Question/Comment: | Answer: |
|--|--|
| <p>Foreman: As for Science Alliance for the future you might think about getting younger students than juniors before they start thinking about what to major in.</p> <p>When the property goes to SODI do they have to keep it or can they sell it as soon as they get it?</p> <p>So when do we get an assessment of the value? SODI needs to know what it is worth in order to sell it.</p> | <p>Simonton: We had discussed that before, but some technology is pretty advanced.</p> <p>Yes, they can sell it as soon as they get it.</p> <p>You do not want us to get involved, you want us to transfer it to SODI and let them decide what it is worth.</p> |
| <p>Kinnamon: Do you have an assessment of the value?</p> | <p>Simonton: The range from the appraisers was wide so we do not have a value yet. They said because of where it is, the history and it is just a field that it is hard to appraise.</p> |

Liaison comments provided by Shannon Dettmer, ODH:
Dettmer: None

Liaison comments provided by Dustin Tschudy, OEPA:

Tschudy: Greg and Joel covered a lot of the stuff we have been working on. We finished the review of the on-site waste disposal. 90% design. X-326 has a US DOE's RCRA Hazardous Waste permit to hold chemicals as part of the D&D and we have to do a closure of those units.

Administrative Issues:

EM SSAB National Chairs Meeting Update:

Berry: The meeting went very well. We stated that we are ready for a closure fund site and that was well received.

Cave: While Bob was speaking, I was watching and impressed with the higher ups expressions when Bob was talking. I think it was well received.

Caudill: According to David Borak they were impressed with Bob's statement. I think that is an honor.

EM SSAB Chairs Draft Recommendation-Road Map:

Bennett: I would like to make a motion that we proceed with this recommendation.

Smalley: I would like to second the motion.

Public Comments: None

Board Comments: None

Motion approved (11 approved, 0 opposed, 0 abstained, 0 recused)

EM SSAB Chairs Draft Recommendation-WIPP Above Ground Storage:

| Question/Comment: | Answer: |
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| Berry: It does not affect our site, we do not have this kind of waste, but other sites do and I think we should support this recommendation to show support for them. | |
| Foreman: You say the other sites have all voted for it? | Roberts: Yes, all the other sites have voted for this recommendation. |
| Kinnamon: You are saying everyone has voted in favor of it? My only issue with it is, it talks about efficiency when in fact it is just a Band-aide, I wish they had not used the word efficiency. | Roberts: Yes. |
| Vollrath: It says for one year, what happens when one year is up and this new construction is not quite ready? Will they have to write another recommendation to ask for more time? One year is not a very long time. | Cave: My understanding was that at that point they would no longer be able to accept anything else. |

Cave: I would like to make a motion that we go forward with this recommendation.

Burns: I would like to second the motion.

Public Comments:

| Question/Comment: | Answer: |
|--|----------------|
| <p>Marida: I volunteer for the Sierra Club, and just want to give some more background on what Eric said about the barrel that exploded underground, it contaminated workers and plutonium actually got above ground. There is at least 15 more barrels with that same kitty litter and they are not sure of the location of all of them. They may be underground but some may still be above ground. The Sierra Club opposed the licensing of WIPP back in the 1980s. It is hard to find a place to store this waste, it will be around for a long time. That site is collapsing and it is contaminated, they are pretending that it is still effective there. You do not want that waste where it cannot be accessible so maybe above ground at least in the short term might be safer. I also wanted to say while there is transuranic waste at the site, it should not be. Of course transuranic would be all of the elements that that are heavier than uranium that are all human made elements so it is here because they brought in high level radioactive waste and made it through the enrichment process building so it is all contaminated.</p> | |

Board Comments: None

Motion not approved (8 approved, 1 opposed, 1 extended, 0 abstained, 0 recused)
 Motion will not go forward.

Adoption of FY 2018 Work Plan:

| Question/Comment: | Answer: |
|--|--|
| <p>Vollrath: Did you say Recommendation for FY 18 Budget?</p> | <p>Roberts: It should be FY 19</p> |
| <p>Foreman: I have a question about the</p> | <p>Simonton: I think the soonest would be</p> |

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| Land Transfer, what is the soonest we think? | the end of March. This is always a work in progress. I know there will be other things come up and changes can be made anytime. |
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Smalley: I would like to make a motion that we proceed with the FY 2018 work plan. **Foreman:** I would like to second the motion.

FY 2018 work plan approved (11 approved, 0 opposed, 0 abstained, 0 recused)

Subcommittee Updates:

Budget and Lifecycle Planning Subcommittee Update by Judy Vollrath and Ronda Kinnamon:

Kinnamon: The Budget and Lifecycle Planning Subcommittee met on May 16. The purpose of the meeting was to have an overview on the barter and secretarial determination. **Vollrath:** The subcommittee met again on June 13. The purpose of the meeting was to have a barter and secretarial determination overview.

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

Cisco: The D&D/Remediation and Future Use Subcommittee met on May 16. The purpose of the meeting was to have a presentation on the X-326 Unit deactivation. The subcommittee met again on June 13. The purpose of the meeting was to receive an overview of transuranic materials.

Future Use Subcommittee Update by Dennis Foreman and Al Don Cisco:

Cisco: The D&D/Remediation and Future Use Subcommittee met on May 16. The purpose of the meeting was to present an overview on site infrastructure. **Foreman:** The subcommittee met again on June 13. The purpose of the meeting was to have an infrastructure tour on the water system.

Historic Legacy & Community Engagement Subcommittee Update by Carol Caudill:

Caudill: The Historic Legacy & Community Engagement Subcommittee met on May 16. The purpose of the meeting was to have a tour and update on the Envoy Program. The subcommittee met again on June 13. The purpose of the meeting was to have an overview on ProForce.

Public Comment:

Lamerson: I have been very active in the community in the last eight weeks. I am very proud of my community. We have started an organization called CARD (Citizens against Radioactive Dump. I am here to firmly oppose the dump that DOE wants to put in our backyard. So far we have the villages of Piketon and Waverly, the townships of Seal and Scioto. We have elected officials; Auditor Erica Snodgrass, Treasurer Ed Davis, and today our Sheriff Charlie Reader have all publicly opposed the landfill. We expect more to follow in the coming weeks as their meetings come

up. We currently have a petition that I just put into place yesterday morning and it has over 700 signatures the last time I checked before I came in here. We are working our tails off day and night, we do not want this dump in our community, and we want it out. I appreciate that you have brought in Paducah to try to convince us. Mr. Berry I am sure that your presentation was fantastic but there is no presentation on the face of this earth that is going to convince me that this dump is OK for my community. For the DOE and Fluor and Ohio EPA to tell us that it is our job to clean up a mess that they made is absolutely ridiculous. This community has supported our county with the plant for over 50 years and we are very proud of that, but it is time for DOE to step in and clean it up and get out of our community and stop making a mess of our community. That's all I have.

Montgomery: I was not planning to speak before I got here. I am Tony Montgomery, Pike County Commissioner. I have not been there very long, but I appreciate everybody being here, I appreciate the community input. I have spent a lot of time, doing my best to research this whole situation with what little knowledge I had to begin with. I have spent a lot of time with DOE and Fluor, spent a lot of time with Dennis, I spent some time with Tracey. I have been getting beat up, which is fine, I am a big boy, and I can take it. However, I have been trying to find what is best for our community. I know a lot of you folks have been hearing this information for several years to form your opinion. I am doing my best in a short period of time as well to form an opinion and take a stance and know what is best for our community above everything but that being said, I do appreciate everybody being here. I know there have been several meetings and things and I have been to as many of them as I possibly can, I have a very tight schedule. It is very important to me, I have spent sleepless nights and many hours reading and studying things that I am not smart enough to understand. I am with you on that, so I have to go to smart people, tell me what does this mean. I am to the best of my ability trying to determine what I think is the best for our community. However, I do want to thank everyone for being here.

Henderson: I am a local resident, business owner, former member of the SSAB, also served as chair. I want to talk to you a little bit about relevancy and community standing. Relevancy is important to this board, community standing is important to this board, because without those two things, there is no reason for you to volunteer your time. 13-02 set the ground rules for the DOE as far as what was required, what was expected by the surrounding communities, by the members that sat on the board in 2013. 15-05 was passed as a result of DOE and Fluor not taking into consideration the recommendations of 13-02. Now you have different organizations around the community, such as the Village of Piketon, Scioto Valley School Board, Waverly and other different organizations that are making reference to 13-02 and 15-05. You are making a difference, the fact that those recommendations passed are still relevant in the community, you are setting a tone for the discussion. Do not lose sight of it, do not lose sight of the fact that you are important. People are looking at you for a direction, they really are, because they are continuing to point back to you guys all the time. People that were on this board and volunteered all of that time to come up with these recommendations, tour the different sites, go to the national

level and represent the local community, that is part of their legacy. It is important that you continue to go back and look at the old recommendations because they are just as relevant today as they were when they passed. Thank you for your time.

Marida: I am going to give you an overview of some of the comments that were made by the Ohio Sierra Club on the environmental assessment. We said it was externally broad, insufficient and premature. This assessment also violates the Department's own requirements for an environmental impact statement. So we looked at the legal aspects of this and found that the DOE has been violating its own environmental impact statement kind of across the board on a number of things around the country for 40 years, so it is kind of hard to get them back under control now. We have a concern with the landfills outside perimeter road especially X-734, 734A and 734B, which contain known carcinogens, heavy metals, radioactivity and contaminated soil. Then there are issues with many of these old facilities that will still be around for a long time, way into the future that these could be transferred out. The conversion plant is still operating. The centrifuge plant is under cleanup under another agreement. The GDP has uncertain funding, so that is a problem. Then we talked about the transuranic waste, the high-level radioactive waste contamination that was brought into this facility for years and years. It was brought in and ran through the process building and the department used these terms. The terms they called it, you see in the literature they referred to it as processed recycled uranium, processed recycled feed materials, special nuclear material, reactor returns, but what it really is, is reprocessed high level radioactive waste. That is the waste from nuclear reactors, that is the most radioactive stuff that there is. Therefore, that has contaminated this area all the way through all the process buildings.. Transferring land without having a real good look at this from a viewpoint of an environmental impact statement really should not be happening. Some of this radioactivity is of course in some of the cylinders. They are saying that the transuranics may be a little bit heavier, they may be in the heels, but we really do not know. The D&D and remediation at the PORTS site is independent of this environmental assessment described in this document. Therefore, that kind of contradicts and the property cannot really legally or morally be transferred without sufficient cleanup and remediation. That is a concern. So parts of the property are too hazardous to be taken out of the government oversight ever, it should not be transferred, so people can buy contaminated land around here. So who would be interested in contaminated land, it might attract a dirty industry, which makes it attractive for a new nuclear enterprise, particularly one that might be dealing with various types of radioactive waste, so I encourage this board to be really careful,. SODI gets it, then they transfer it to someone else, then there is supposedly an environmental impact statement but that is kind of kicking the can down the road.

Final Comments from the board:

Foreman: I would like to add, it takes a lot of guts for people to get up and speak in front of people whether you agree with them or not. I appreciate our commissioner for coming. I respect him for being here. Thank you Tracey for coming to speak,

thank you Pat, Mr. Henderson, he talked about spending many years volunteering and guess what people he is still here, do you know why? The people that live here, I know some of you transplants just come in to work at the plant, but people that live here, love this place, when you look around the hills of Southern Ohio there is no place more beautiful than this. I love nature just as much as anyone. I thank you people for coming out, because a lot of times I know people say Dennis you should not talk so much. I am a man that says my word, just like you people did today. I appreciate you all and I suggest more people speak should speak up whether you agree with them or not.

Berry: Adjourned

Next Meeting: November 2, 2017

Action Items:

1. None at this time