



# PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

## Proposed Agenda for the October 4, 2018 Board Meeting

<b>Chair</b> Robert L. Berry	<b>6 p.m.</b> Call to Order, Introductions Review of Agenda Approval of May Minutes	
<b>Co-Vice Chairs</b> Lisa Bennett Carlton L. Cave	<b>DDFO Comments</b>	<b>--15 minutes</b>
	<b>Federal Coordinator Comments</b>	<b>--10 minutes</b>
<b>Board Members</b> Todd Burkitt Bradley Burns Jody Crabtree Maddeline C. Caudill Dennis Foreman Wade Fraley Brandon Greene Turman Helton Ronda J. Kinnamon Irma C. Payne Cynthia Quillen Jimmy E. Smalley Beckie Thomas-Kent Judy R. Vollrath	<b>Liaison Comments</b>	<b>-- 5 minutes</b>
	<b>Presentation – Parcel One Transfer Recap, Kevin Shoemaker, SODI</b>	<b>--20 minutes</b>
	<b>Administrative Issues</b>	
	<ul style="list-style-type: none"><li>• <b>Election of Leadership</b> <b>--10 minutes</b><ul style="list-style-type: none"><li>○ Election of Chair</li><li>○ Election of Vice Chair</li></ul></li><li>• <b>Adoption of FY 2019 Work Plan</b> <b>--10 minutes</b></li><li>• <b>DRAFT Recommendation 19-01 – Priorities for President’s 2020 Budget Request</b> <b>--5 minutes</b><ul style="list-style-type: none"><li>○ Public Comment on Recommendation</li><li>○ Board Comments on Recommendation</li></ul></li><li>• <b>DRAFT Recommendation 19-02 – Development and Funding of a master site plan.</b> <b>--5 minutes</b><ul style="list-style-type: none"><li>○ Public Comment on Recommendation</li><li>○ Board Comments on Recommendation</li></ul></li><li>• <b>EM SSAB National Chairs Meeting Report</b> <b>--5 minutes</b> <b>Bob Berry and Carlton Cave</b></li><li>• <b>EM SSAB Chairs Draft Recommendation- Enhancing Stakeholder/Community Engagement</b> <b>--5 minutes</b><ul style="list-style-type: none"><li>○ Public Comments on Recommendation</li><li>○ Board Comments on Recommendation</li></ul></li></ul>	
<b>Deputy Designated Federal Official</b> Joel Bradburne		
<b>DOE Federal Coordinator</b> Greg Simonton		
	<b>Subcommittee Updates</b>	<b>--5 minutes</b>
	<b>Public Comments</b>	<b>--15 minutes</b>
	<b>Final Comments from the Board</b>	<b>--15 minutes</b>
	<b>Adjourn</b>	

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## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, OCTOBER 4, 2018, 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; Vice-Chair, Carlton Cave; Brad Burns, Jody Crabtree, Rick Fraley, Dennis Foreman, Turman Helton, Jimmy Smalley, Beckie Thomas-Kent

**SSAB Members Absent:** Lisa Bennett, Dr. Todd Burkitt, Carol Caudill, Brandon Greene, Ronda Kinnamon, Charlene Payne, Cynthia Quillen, Judy Vollrath

**U.S. Department of Energy (DOE) and Contractors:** Greg Simonton, DOE; Rick Greene, Joe Moore, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jack Williams, Jill Thomson, Caleb Miller, Fluor-BWXT Portsmouth (FBP)

**Liaisons:** Sean Kubera, Ohio Department of Health (ODH); Amy Tegethoff, Tom Schneider, Ohio Environmental Protection Agency (EPA)

**Facilitator:** Eric Roberts, EHI

**Public:** Kevin Shoemaker, Southern Ohio Diversification Initiative (SODI); Pat Marida, Sierra Club; Matt Miller, Portsmouth Mission Alliance, LLC (PMA); Matt Lucas, News Watchman; Lee Blackburn, Diana Cahall

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.

**October Agenda:**

**Roberts:** Are there any modifications or proposed changes to the October agenda? We would like to move the Administrative Issues up. Is that ok with everyone?

- **Burns:** I make a motion to approve the October agenda with the changes as suggested.
- **Thomas-Kent:** I second the motion.
  - **Motion carried, minutes approved**

**May Minutes:**

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

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Foreman:</b> I would like to have the names added as how people voted on recommendation 18-02 listed on page 20. It should be on record as to how you voted.	<b>Roberts:</b> Is anyone opposed to listing the names on the minutes?

- **Helton:** I make a motion to approve the May minutes after the suggestion is made.
- **Burns:** I second the motion.
  - **Motion carried, minutes approved**

**Administrative Issues:**

**Election of Chair and Vice Chair, Eric Roberts, EHI:**

**Roberts:** Any nominations for board chair.

- **Burns:** I nominate Bob Berry for board chair.
- **Crabtree:** I seconded the nomination.

**Roberts:** Bob are you willing to serve as board chair?

**Berry:** Yes, I am willing to serve as board chair.

**Roberts:** Any other nominations for board chair? Seeing none, please show of hands, all in favor of Bob Berry serving as chair

**Nomination carried (8 approved, 1 opposed, 0 abstained, 0 recused)**

**Roberts:** Any nominations for vice chair?

- **Kent:** I would like to nominate Carlton Cave as vice chair.
- **Foreman:** I would like to nominate Jimmy Smalley as vice chair.

**Roberts:** Ok, let's take a written vote for vice chair since we have multiple names, Carlton Cave and Jimmy Smalley. Please write your vote on the paper that Cindy is passing out and give them back to her.

**Roberts:** We have 7 for Carlton Cave, and 2 for Jimmy Smalley. That makes Carlton Cave your vice-chair.

**Adoption of FY 2019 Work Plan:**

**Kent:** I would like to make a motion that we proceed with the FY 2019 work plan.

**Smalley:** I would like to second the motion.

*FY 2019 work plan approved (9 approved, 0 opposed, 0 abstained, 0 recused)*

**Draft Recommendation 19-01:**

<b>Question/Comment:</b>	<b>Answer:</b>
<p><b>Foreman:</b> I would like to add a bullet regarding a STEM school. Fund STEM education.</p> <p>No, I do not want to wait, this is something that shouldn't wait. Here is my suggestion for the bullet: Establish a STEM Education program that could be located near the site to benefit the affected four counties Ross, Pike, Jackson and Scioto.</p>	<p><b>Berry:</b> I suggest we wait until Tuesday to work on that.</p> <p><b>Roberts:</b> We can't vote on this Tuesday.</p> <p>Is everyone good with this bullet?</p>
<p><b>Burns:</b> Is it a timing thing, will it hurt anything to wait?</p> <p>Then we need to go ahead with it tonight. I think it is a great recommendation.</p>	<p><b>Simonton:</b> September, October is the best time frame for budget recommendations.</p> <p><b>Roberts:</b> If we wait then we can't vote on it until December. If you give us five minutes I think we can get it ready.</p> <p>Dennis, write something up and we can add it before we go on.</p>

**Kent:** I would like to make a motion that we proceed with a vote on Recommendation 19-01 with the added bullet regarding STEM education program.

**Smalley:** I would like to second the motion.

**Public Comment on Recommendation:** None.

**Board Comments on Recommendation:** None.

*Motion approved (9 approved, 0 opposed, 0 abstained, 0 recused)*

**Draft Recommendation 19-02:**

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Roberts:</b> Are there any questions/comments on recommendation 19-02?	<b>Crabtree:</b> I like the recommendation.

**Burns:** I would like to make a motion that we proceed with a vote on Recommendation 19-02. **Kent:** I would like to second the motion.

**Public Comment on Recommendation 19-02:** None

**Board Comments on Recommendation:** None

*Motion approved (9 approved, 0 opposed, 0 abstained, 0 recused)*

**EM National Chairs Meeting Report:**

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Helton:</b> What was the % on the funding?	<b>Berry:</b> 27 million more that would be 6%.  <b>Roberts:</b> We are no longer a barter site, hopefully that allows for steady funding.

**EM National Chairs Recommendation:**

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Foreman:</b> Our old web site was great. I can't find anything now with the new one. My recommendation is to have a national chairs meeting here and for DOE to not pass us up.	
<b>Burns:</b> I think we are ahead of this so I don't see that it makes a difference one way or another.	

**Burns:** I would like to make a motion that we proceed with a vote on the Recommendation. **Cave:** I would like to second the motion.

**Public Comment on Recommendation:**

**Marida:** On the other minutes it said I was furious about whether the board was asked to sponsor the Open Houses and I think what I really said was I was curious. I think over all the board chairs were very thoughtful on this recommendation. More

engaged with the public than they have in the past with issues that they may have not let the public comment. What amount of radioactive material is going to be buried on the site? Whether there is going to be any testing of the pipes and other equipment and other parts of the site as things are rounded up and being considered about what will be put in the on-site waste disposal. I am thankful for the board chairs and the people who went to the meeting.

**Roberts:** I want to publicly apologize for the minutes saying you were furious, we will make that correction and count that as a typo on our side. Sorry about that.

**Board Comments on Recommendation:** None

**Motion approved** (9 approved, 0 opposed, 0 abstained, 0 recused)

**DDFO comments provided by Greg Simonton, Federal Coordinator, DOE:**

- Safety Works
- DOE-First Land Transfer
- PORTS Intergrated Baseline
- D&D Progress-X-326 Deactivation
  - X-705 Supports X-326 Mission
  - Moving Along
- D&D Progress-X-333 Deactivation
  - Radpiper Update
- OSWDF Construction
- Groundwater Cleanup
- Depleted Uranium Hexafluoride (DUF6) Conversion Plant Update
- Site Tours
- Mutual Aid-FY2018-Pike County Firefighters Association Meeting
- Educational Outreach
- Community Outreach
- Upcoming Outreach Events
- Science Alliance

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Smalley:</b> I know we had bats and birds in the process building and now I hear they have bed bugs, is that true?	<b>Simonton:</b> I have no idea.  <b>Farley:</b> There was one, someone carried it in on their clothes.
<b>Cave:</b> What will be the format of the Open Houses?	<b>Simonton:</b> It will be a similar to the last time.
<b>Foreman:</b> I do remember last time we didn't have very much success. Is that correct? Some places were not good numbers, and some were alright. What are you going to do to make it better?	<b>Simonton:</b> It would be nice to have more attendance, so we tried twice a year. The problem is this time of year you have Thanksgiving, December you have Christmas. We try to avoid Wednesday because church, we may have to have a

Free food.	Wednesday in November. We need help getting the word out. I do not know what else we can do. I would rather have meetings and only have a handful than not have them and people complain that we do not have them. If you have any ideas on how to get people there, I would love that. We do advertisements but it is hard to get the word out sometimes. We would love to hear any ideas you have.
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*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:** None.

**Liaison comments provided by Sean Kubera, ODH:**

**Kubera:** Nothing new to add.

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

**Tegethoff:** None.

**Schneider:** None.

**Presentation-Parcel One Transfer Recap-Kevin Shoemaker, SODI:**

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Foreman:</b> Something really good for the 80 acres. They need a drug testing facility right now. You can't even get them tested right now. Instead of talking about problems, we need to solve problems, we would be busting crime. The testing can be for law enforcement, but also for DOE.	<b>Shoemaker:</b> A lab to test for all those things here. A private partnership is what would make some sense. One of the things we have talked about is how to assist with the program, getting them off of drugs and trying to help them with some of the work. The difficulty is in a federal facility it becomes a little hard if you are on drugs.

**Subcommittee Updates:**

**Roberts:** In the past when we have had longer meetings, we have submitted the subcommittee summaries as written reports. We can do them however you want, we can go over them or use the written reports, which is your preference? Is everybody ok with the written reports?

Everyone agreed.

**Public Comment:**

**Blackburn:** About five months ago, I talked to you about the landfills. Inside Perimeter Road vs outside Perimeter Road. There is greater acreage and landfills outside Perimeter Road and they contain known carcinogens, and heavy metals, they really need to be dug up. Twelve months ago, we found out that at least one of them has started to leak because Fluor BWXT went to OEPA to request a variance modification of mercury in Little Beaver Creek. So, I would ask the board as I did five months ago to put forth a recommendation to DOE that those landfills outside Perimeter Road be dug up and consolidated inside the on-site waste disposal cell, that will be lined, rather than where they are now unlined. Thank you.

**Marida:** I want to echo what Lee has said on behalf of the Sierra Club, unlined and leaky landfills and some things in there that may even need to be shipped off the site. And also, there are some of the landfills within Perimeter Road that warrant they are being entirely dug up and not just partially dug out for whatever material is needed to fill in whatever is needed at the on-site disposal cell. I want to talk about the fact that you don't hear the DOE talk this, but for many years they brought in processed high-level radioactive waste. Now high-level radioactive waste is the fuel for nuclear power plants. It is some of the most highly radioactive materials on the planet. They brought it in and ran it through the process buildings because there was uranium in there still. So, we think there should be a site-wide testing of radio activity at the site, particularly the pipes. We also have similar concerns about turning over property, I understand that there is testing being done on radio activity and other contaminants on the property being turned over, but that is not detailed. Without an environmental impact statement that is not adequately documented. I also want to say to that there has not been an advisory board meeting since May. The idea of having a board is to oversee the work that is going on. There is a lot of information that should come into the DOE from the public and the board, sent out from the DOE to the public. Originally this board met every month. In fact, the DOE did not want a SSAB. I have been volunteering here since the early '80s. The DOE and Bill Murphie always said you do not want or need an SSAB, when Sherrod Brown became Senator, he made that happen, and we are very thankful that he did make this board happen. The SSAB should go back to meeting every month. There is so much work that there should be a monthly meeting. The conflict of interest problem is that people have relatives and close relatives that work at the site and that can influence how people vote, so it can be a problem. Thank you.

**Cahall:** I live in Brown County just a little too far away to get on the board, but I do have some questions about the DUF6, but I will not ask them tonight, it is so late, but is there someone I can talk to that can explain that process to me to make it clear so I can understand better how that works?

**Roberts:** We can get you in touch with Greg to put you in touch with someone.



**Final Comments from the board:**

<p><b>Foreman:</b> I asked about the obseration deck about a cost. Where you can go view dumping waste into the cell. I wanted to see the cost of building it, including materials and labor for that. Page 5 of the summary, Mr. Carr stated that there were 45 million pounds of waste brought here from Fernald, some is still here waiting to be shipped out. Is that shipped out yet? Can you get that for me, Mr. Simonton?</p> <p>Then I have a real big concern on page 17, when Ms. Wilson spoke, she talked about other locations where RODs are ironclad compared to Piketon. She said that has not been the case here, there are loopholes you could drive through both the ROD and the WAC. She said that Senator Brown said that the community should be listened to, that DOE should be listening and respecting the community. This week, I do not know if you have been contacted Mr. Lucas, The USW is opposing the on-site waste disposal cell. You can check on that with them. She said with an ironclad ROD if DOE fails to follow it, we have something to act on, you can sue them in federal court, you can make them live up to the language, without that ironclad language you can not do that. Right now, Piketon is being treated different than Fernald and the communities before. This is from Senator Brown's office, not Dennis Foreman.</p> <p>Also, I wanted to go back to something I brought up a long time ago. There was a vote on 18-02. I brought up there is a majority report and a minority report if you have issues. Recommendation 18-02 was 8 to 6 the majority has to write the minority report. 8-6 to open the ROD that is in our by-laws and I would</p>	
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like to see that written to Ms. Anne White. Do you remember that Eric, I brought that up in the committees? Is that something we can still do? I can sit down with you to get help to write that to make sure we get the right language. I did my homework. Advisory boards do not hold as much weight as elected officials. Go down to the middle of the paper I passed out where it says creates jobs no matter where the waste ends up. This is a city that seems to get things done, they also get their way. When you say we need to start complaining more and getting our politicians involved, these people are getting things done. Go on down on-site disposal is not cheaper. I would like for you guys to take this home and read it and think about the decisions that you have made.

Some area's get paid PILT payments. We have five entities eligible for taxes from this group. This is to make up for tax revenues that are burden to communities hosting a nuclear facility, like Piketon does. All these town's that receive this are doing ok. My town has to struggle.

We got a message about the general accounting office (GAO) coming and I changed my work schedule for that meeting. Who did you talk to Mr. Berry at that meeting?

What were their names? If you didn't get a card from them, you need to. I also sent a package per Mr. Bradburne as per his instructions to be delivered, was that delivered in its entirety? I did reach out myself to the Senator's office to make sure, and I shared it with the news media. I would like to get who the meeting was with. Mr. Simonton you work for DOE and I am sure you are aware. Mr. Roberts I am not sure if you were here for that. It would be nice for

**Roberts:** That is something you can write up.

**Berry:** There were three individuals.

Yes

<p>us to get to talk to them. There are coming here for a reason. I would like to know who they were and what did they talk about? We didn't get a report on that meeting. That is a pretty big thing that the GAO was here. What did they talk about?</p> <p>Sounds like a waste of time, they could have come to this meeting and talked to all of us.</p> <p>My last thing is there was a statement. The WIPP site was supposed to be sound for a thousand years, but didn't make it 14. We are told this site will be sound for a thousand years.</p> <p>If you have any questions about anything I have said, feel free to ask me.</p>	<p>They asked extremely general questions about how we deal with DOE, what do we do, how do we meet with them? They did not discuss any kind of budget numbers, did not discuss money in any way. They are going to every site to get this type of information. They told us once they compile the results, they would send us the report.</p>
<p><b>Berry:</b> I would just like to say we will be meeting for our committees next Tuesday and I think it would be a good idea to write a recommendation to clean up the landfills outside Perimeter Road if that is possible. It does not hurt to ask. I think that would be good for the overall site.</p> <p>I didn't get a date, but DOE is opening a public comment on changing the national definition for high level waste. It was talked about at the last chairs meeting.</p>	<p><b>Roberts:</b> They opened a public comment for that discussion only. They did say the department is not committed to changing the definition, just looking for comments. Based on the ECA reports.</p>

**Berry:** Adjourned

***Next Meeting:*** December 6, 2018

***Action Items:***

- EHI to contact Brandon Greene and Charlene Payne about their membership.
- What is the format of the DOE open house?
- Status of the closure of the X-705.
- Who attended the GAO meeting with the SSAB?
- Fernard waste that is being stored on site, has it been shipped out?

# U.S. DEPARTMENT OF ENERGY



## Deputy Designated Federal Official Presentation Portsmouth Site Specific Advisory Board

Greg Simonton, Federal Coordinator  
October 4, 2018

# P O R T S SAFETY WORKS

## Integrated Safety Management System



Waste Certification works to ensure that all shipments are done with safety as the number one priority.

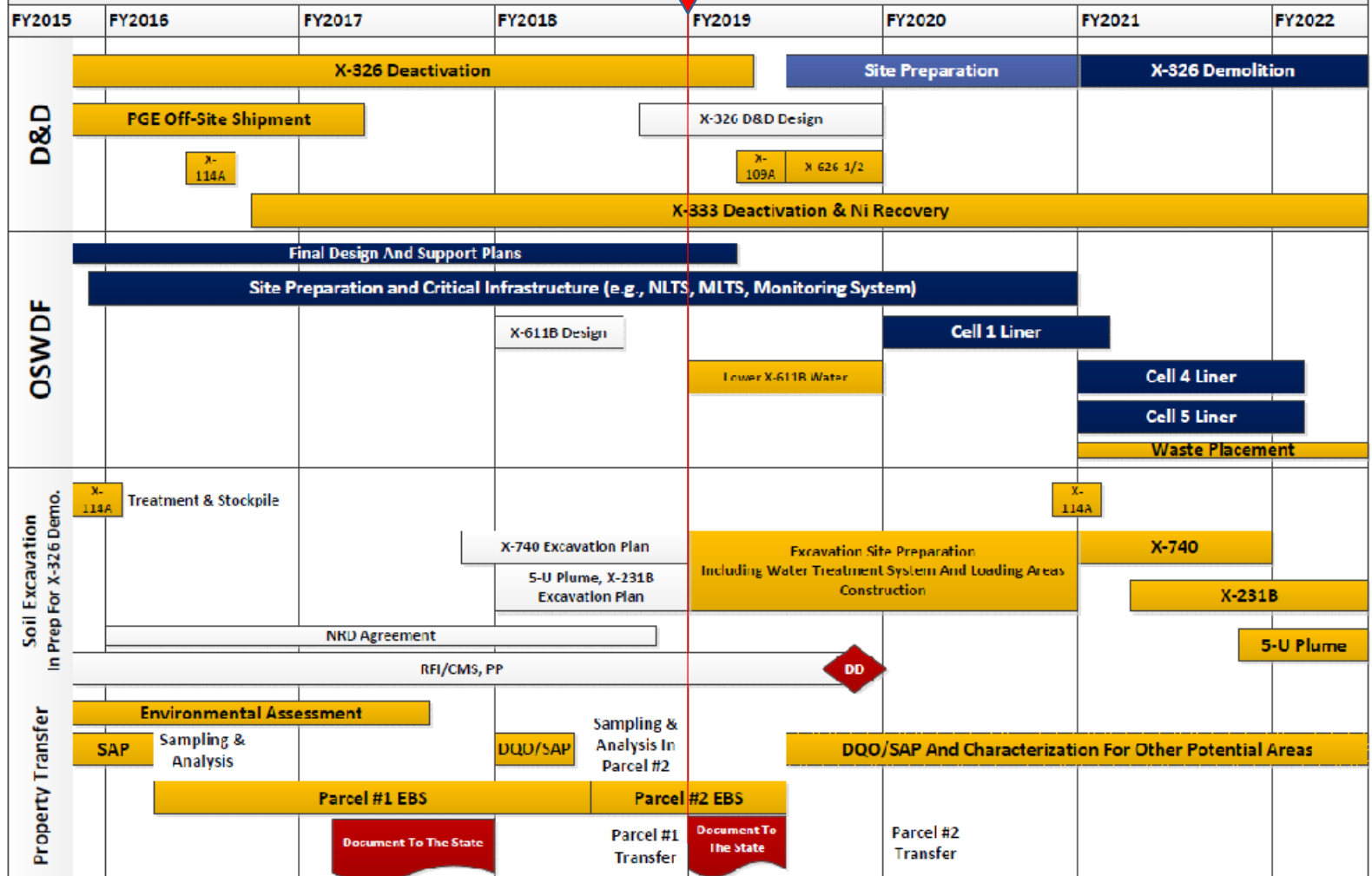
# DOE- First Land Transfer

On July 20, 2018 the first DOE Portsmouth Site parcel, consisting of 80 acres, was signed over to the Southern Ohio Diversification Initiative (SODI) for future development.



# PORTS Integrated Baseline

September 26, 2018





# D&D Progress – X-326 Deactivation



# D&D Progress – X-326 Deactivation

## X-705 Supports X-326 Mission



Damon Horn demonstrates the ease of mobility while climbing into a lift while wearing the vest.



Operator Dan Zempter cleans pipe from the X-326 Building with citric acid while an Industrial Hygiene Technician Tyler Tetley performs air monitoring at the Complexing hand table.



Damon Horn, NDA tech, shows how the lift assist of the Ekso Vest helps hold his arms in position.



# D&D Progress – X-326 Deactivation Moving Along



**Old office space in the X-326**



**New X-333 T-Trailer Lot**

# D&D Progress – X-326 Deactivation–

Part of one of the X-326 process gas components is staged for placement inside the X-705 tunnel citric booth (aka car wash). ➡



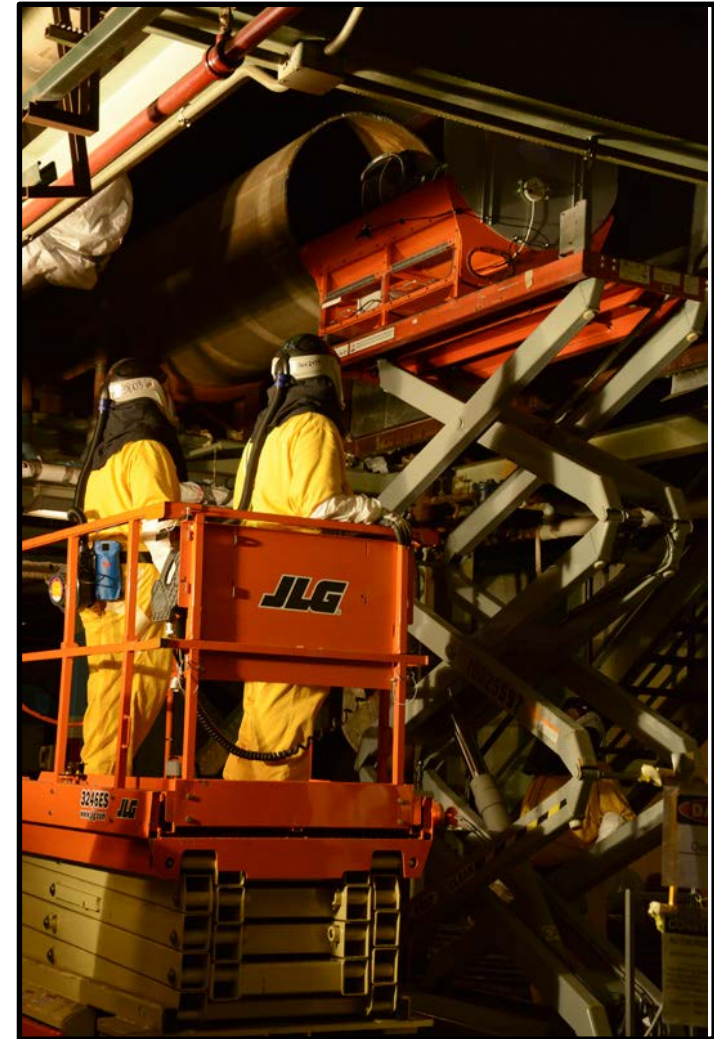
The tunnel booth crew stands near the citric booth “car wash” in the X-705 tunnel. ➡



# D&D Progress – X-333 Deactivation



# D&D Progress- X-333 Deactivation - Radpiper Update



Industrial Hygiene's John Collins and NDA Technician Brian Summers → control/observe the Radpiper as it enters pipe in the X-333 pipe on the cell floor for the first time.



NDA technicians use a scissor lift to reach overhead pipe in the X-333 building for Radpiper analysis.

# OSWDF CONSTRUCTION-

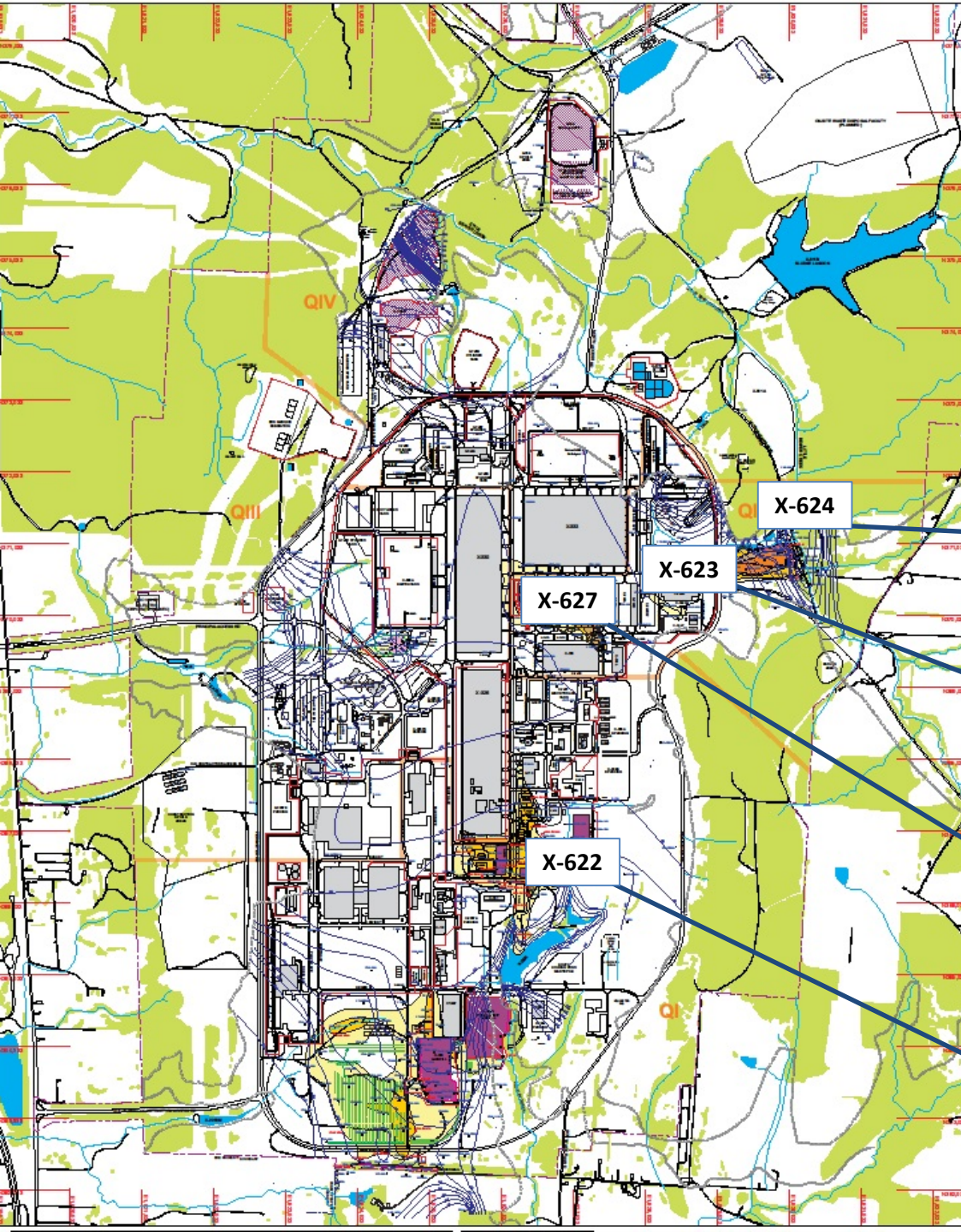


# Groundwater Cleanup





# Groundwater Cleanup



Groundwater Treated FY18-	Groundwater Source	TCE Removed FY18- lbs.
Gallons 2,545,800	X-701B Plume	102.06
Gallons 1,440	Misc. Site	0.00
Gallons 9,254,199	7-Unit Plume	116.97
Gallons 17,619,980	5-Unit & X-749/ X-120 Plumes & PK Drainage	21.74

# Depleted Uranium Hexafluoride (DUF6) Conversion Plant Update



# Site Tours

## National Academy of Sciences Personnel Visit Portsmouth



The last Public Tour for CY2018 will be October, 20.



# Mutual Aid –FY2018 - Pike County Firefighters Association Meeting

Off-Site Requests Oct 1,2018 – Sept 26	
Vehicle Accidents	11
Structure Fires	14
Other Fires	7
HazMat Response	2
Medical	43
<b>Total</b>	<b>76</b>



# Educational Outreach



**Eastern HS Students – Annual Summary  
Environmental Report (ASER)**



**STEM Scholarships**



**Interns**

# Community Outreach



**Backpacks and School Supply Drive – Jasper Elementary**



**Children's Hunger Alliance**



**4-H Students STEM Camp**



**Red Cross Blood Drive**

# Upcoming Outreach Events



**Science Alliance**  
**October 2-4, 2018**



**SSAB Full Board Meeting**  
**Thursday, December 6**



**DOE Community Open Houses**

<b>November 7</b>	<b>Pike County</b>
<b>November 8</b>	<b>Scioto County</b>
<b>November 13</b>	<b>Jackson County</b>
<b>November 15</b>	<b>Ross County</b>

# SCIENCE ALLIANCE

October 2-4, 2018

Sponsored by the  
U.S. Department of Energy  
Piketon, Ohio









**EM SSAB Chairs**  
**Recommendation to the Department of Energy**  
**Recommendation Regarding Site-Specific Advisory Board Involvement in Enhancing**  
**Stakeholder/Public Engagement**

**Background**

The Environmental Site-Specific Advisory Board (EM SSAB) understands that successful completion of the DOE-EM mission must include community, public and stakeholder education and engagement. This engagement can be developed and implemented in any of several different forms that reflect the public interest in; stage of cleanup combined with the complexity and uniqueness of each of the cleanup sites managed by DOE-EM.

Because of the variety of sites and different cleanup schedules, we are presenting a suite of potential activities that can be implemented at varying levels at each of the sites but are applicable to all in some form. Individual site-specific advisory boards are in the perfect position to help develop and recommend implementation strategies on each of these activities. Advisory board involvement would help the site enhance its outreach by providing advice related to specific targeted areas based on feedback from actual communities and individuals who live near or are potentially impacted by site activities.

Potential Activities:

- Site managers and/or designees should work with their advisory board to determine the additional needs for public information exchange and opportunities for engagement. Specifically, this can be done using a Community Analysis or previously collected data from public meeting attendance, outreach efforts, etc. To determine the level of public interest, these activities may include a far reaching individual regional community analysis; polling selected public interest groups; polling advisory board members, etc. Include the site specific advisory board in developing questions for the community analysis if that method of obtaining information is chosen. Advisory Board members could provide specific recommendations to the site manager related to improving outreach efforts in particular affected communities.
- Prepare a one-page or three-fold handout of their site's information sources listed – with videos, speakers, topics, websites, tour information, etc. Send it to each applicable Chamber of Commerce with a request to further provide to local civic and service organizations, churches, veterans groups, senior centers and libraries with a suggested transmittal letter.
- Develop a virtual reality tour that includes clear, in-depth information that will help the public understand the depth and breadth of cleanup decisions and activities. Provide this to the public and local and regional educational institutions.
- Enhance educational outreach:
  - Develop a site-specific program educational exhibit booth(s) with handouts and educational tools that assist educators (from elementary school level through college) with the history and legacy of the site.

- Coordinate with local and regional school districts and college departments that teach environmental science to develop a relationship and inform them about the environmental educational sources and include a site tour for educators.
- Develop displays (could be 3D) located in public and educational libraries that provide in-depth information on one or more site subjects; i.e. upcoming cleanup decisions soliciting public comment; site successes/challenges, transportation routes; identifying websites for more info, etc. These should be updated regularly/quarterly – especially for time-sensitive information.

### **Recommendation**

We recommend that the individual site managers/designees and their advisory boards work together to discuss and determine which activities best suit their circumstances and respond to public needs. The detail, depth, and implementation plan should result from this collaborative effort.

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### **References**

1. ***“Recommendation for Approval of Community Analysis Plan” Nevada Site-Specific Advisory Board, January 17, 2018.***  
**[https://www.nnss.gov/nssab/docs/Recommendations/R\\_FY18/NSSAB%20Recommendation%20for%20Approval%20of%20Community%20Analysis%20Plan%20FINAL%2001-17-18.pdf](https://www.nnss.gov/nssab/docs/Recommendations/R_FY18/NSSAB%20Recommendation%20for%20Approval%20of%20Community%20Analysis%20Plan%20FINAL%2001-17-18.pdf)**