



# PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

## Proposed Agenda for the November 3, 2016 Board Meeting

### Chair

Robert L. Berry

### Co-Vice Chairs

Lisa Bennett

Carlton L. Cave

### 6 p.m.

Call to Order, Introductions

Review of Agenda

Approval of October Minutes

### Board Members

Eric A. Braun

Bradley Burns

Maddeline C. Caudill

Al Don Cisco

Dennis Foreman

Carl R. Hartley

Ronda J. Kinnamon

Neil Leist

Bernard S. Neal

Irma C. Payne

Cynthia M. Quillen

Jimmy E. Smalley

Gregory T. Stepp

Judy R. Vollrath

**DDFO Comments**

**--15 minutes**

**Federal Coordinator Comments**

**--10 minutes**

**Liaison Comments**

**-- 5 minutes**

**Presentation – Closure Fund Overview, Dennis Carr, FBP**

**--20 minutes**

**Administrative Issues**

**--20 minutes**

- **Consideration of the SSAB Draft Recommendation 16-02**

- Public Comments on Recommendation

- Board Comments on Recommendation

**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.

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Piketon, OH 45661

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

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



## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, NOVEMBER 3, 2016, SSAB MEETING • 6:00 P.M.

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

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

**SSAB Members Absent:** Eric Braun, Neal Leist, Carl Hartley, Bernie Neal, Charlene Payne, Greg Stepp

**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, Jill Thomson, Eric Woods, Fluor-BWXT Portsmouth (FBP)

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

**Facilitator:** Eric Roberts, EHI

**Public:** Damon Detillon, PMA; David Manuta, MC2; Billy Spencer, Piketon Mayor; Pat Marida, Sierra Club; Lee Blackburn, Diana Cahall, Will Henderson, Val Francis, Mick Burkitt

Approved by Bob Berry, Board Chair

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Bob Berry

**Call to Order:**

**Berry:** I would like to call the meeting to order.

**Roberts:** I would like to welcome everyone, and I will be facilitating the meeting. There will be a public comment period after the presentations. The board should stay within its defined scope and follow the meeting ground rules adopted.

**November Agenda:**

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

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

**October Minutes:**

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

**Foreman:** I would like my reason for asking for more time on the recommendation included.

**Roberts:** Dennis are you ok with it if we go back and look at it again, then check with you for your approval?

**Foreman:** Yes, I would like that.

- **Stepp:** I make a motion to approve the October minutes with the changes that Dennis requested.
- **Smalley:** I second the motion
  - **Motion carried, minutes approved**

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

- **D&D Safety Update**
- **PORTS Integrated Baseline**
- **Deactivation of X-326 & X-333**
- **Crane Upgrades at the X-344**
- **Water Tower Repair**
- **Winterization**
- **OSWDF Update**
- **Perimeter Fencing at the OSWDF**
- **Property Transfer**
- **Environmental Remediation**
- **Temperature Monitoring at Little Beaver Creek**
- **Site Tours**
- **Educational Outreach**
- **Community Outreach/Upcoming Site Events**

*A copy of the DDFO presentation is available on the SSAB web site*

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[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 Shannon Dettmer, ODH:**  
**Dettmer:** None

**Liaison comments provided by Dustin Tschudy, OEPA:**  
**Tschudy:** OEPA went on a tour, including chiefs and director. I received some good feedback on that.

**Presentation-Closure Funding- Dennis Carr, FBP:**

- **Closure Funding**
  - **Legislative Objective**
  - **Enacted Legislation**
  - **Requirements of Legislation**
  - **Legislation Identified**
  - **The Secretary Designated Three Facilities in 1996**
  - **Advantages of Designation**
  - **Expectations of Designation**
  - **Results**
  - **Comparison of Legislation to PORTS**

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Smalley:</b> How could they pull off 30 billion in savings and shortened by 54 years?	<b>Carr:</b> There is no question that they saved.
<b>Berry:</b> You said at Fernald you had to choose a funding level, you chose \$324?  What would you be looking at here?	<b>Carr:</b> We did an analysis of funding levels. When we first went into our funding profile, we were down to about \$210, then went to \$324 and guaranteed that for 10 years. I cannot tell you that right now.
<b>Burns:</b> Has the Closure funding been asked for from any other site?	<b>Carr:</b> I do not think so. I do not think that anyone in the administration even knows if it exists anymore. None of them were there. It has been such a turnover. I do not think anyone remembers that it is there.
<b>Kinnamon:</b> If we would become a closure fund site, is there any specific change in working with the community and the SSAB?	<b>Carr:</b> A lot more authority is turned over to the contractor. You would not be making recommendations to headquarters anymore. You would be making them to the people that are making the decisions right at that moment.

**Administrative Issues:**

**SSAB Draft Recommendation 16-02 discussion:**

<b>Question/Comment:</b>	<b>Answer:</b>
<p><b>Foreman:</b> I know it is not in here, but I want to make sure because I have done my research. I guess it is not going to be in here, but the independent assessment was the one thing I was hoping to get added to the recommendation, because that verification would make it safer for future kids. I just want to make sure we do the right thing. I know we are talking about writing a separate recommendation for it. A thousand year site scares me.</p>	<p><b>Roberts:</b> One of the discussions we had in the executive meeting was to potentially add a phase that asked the DOE for a third-party verification on the geologic data and information to do with the waste cell. Being that this was a budget recommendation, one of the discussions was that the very important request that Dennis had was to go forth with a separate recommendation. I thought that we left the executive meeting with what I thought would be a separate recommendation.</p>
<p><b>Berry:</b> I thought that we were going to write up a separate recommendation to ask for the independent review. No one in the committee objected. We just wanted to get the closure fund site recommendation out there now. If we wait any longer, we would miss the window of opportunity, and in January bring back the third party review recommendation.</p>	
<p><b>Vollrath:</b> I think how it is written now, it reads very clean because it is about budget and we did decide to write a separate recommendation for a third-party study. We do not want to confuse the issues.</p>	<p><b>Roberts:</b> If you take this to a vote tonight, it takes 2/3's of the members present, which would be eight folks tonight to pass it. Does anyone want to make a motion to vote or table the recommendation?</p>
<p><b>Kinnamon:</b> Maybe it should just read board priorities on the project are: instead of as for.</p>	
<p><b>Payne:</b> I think the first part is a little wordy. Do we really need along with?</p>	<p><b>Roberts:</b> What if we use bullets for the priorities listed?</p>
<p><b>Burns:</b> It is good to change these. I like the changes that are being made. However, we do not want to lose sight of what the recommendation is for and it is for funding.</p>	

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

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

**Public Comments:**

<p><b>Francis:</b> I have had the privilege of sitting where you are right now, going through this process. I would like to speak highly of the recommendation 16-02. I think it accomplishes a lot. It is definitely going in the right direction. I also want to encourage you to never lose the incentive for what was in recommendations 13-02 and 15-05. We know what the intent is and what things should look like in the end, but the language in the Record of Decision (ROD) is not specific enough. The ROD still needs to be amended with words like, “we will” instead of “we shall”. There is no question a closure plan is best, we are looking at completion into the 2050s, which is crazy. Maybe as a civilian on the outside, I can now engage with people like Senator Brown and Senator Portman and others. I want to congratulate you on the things you are doing. You truly need to make decisions that are best for our community, not what is best for the contractor or DOE. I encourage you to push back and ask hard questions. Thank you.</p>	
<p><b>Spencer:</b> Billy Spencer the Mayor of Piketon. I was on the original board I think that was 2008. I left in about a year, after some four-hour meetings. I like this, I really do. The village of Piketon supports a closure fund site. I am happy to see 13-02 and 15-05. I think it probably needs a little more teeth. I know this is just a recommendation, I understand the role, but I think they should have a deadline to give you guys a written commitment that they will honor the former recommendations. I know the village of Piketon is going to push for</p>	

<p>those. I would really like to see the board get little more teeth in it, because if you don't and they don't follow it, what are you going to do? The idea is great. The village has asked for a third-party assessment and we are going to move forward with that.</p>	
<p><b>Henderson:</b> Past Chair, I served six years. I wrote 15-05 and coauthored 13-02 so I appreciate you referring to those. It is important to hold DOE accountable. To Dennis' point about wanting to include the language in the recommendation about the third-party assessment. I understand his concerns and I appreciate his concerns and I think it is important enough to have a stand-alone recommendation provided you have enough meat in that recommendation. I think that is where Billy's statement comes in where you say if you do not do these things we will push it to the next level. Keeping them separate does cleanup this recommendation a little bit. You will learn that DOE's responses might take six months, a year and a half. I think we had one that took two and a half years. I think there is some that we are still waiting on responses. So do not be surprised if that is the case. Really good work you guys, I am glad to see that you are continuing on. The real meat of the issue is to not be taking advantage of. We need to keep working together as a community. Thanks.</p>	

**Board Comments:** None

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

**Subcommittee Updates:**

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

**Vollrath:** The Budget and Lifecycle Planning Subcommittee met on October 11. The purpose of the meeting was to present on the Budget and Lifecycle planning and have discussions on the FY 2017 Budget update, and budget lookahead, but we discussed Recommendation 16-02, which was very important.

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

**Cisco:** The D&D/Remediation and Future Use Subcommittee met on October 11. The purpose of the meeting was to have a presentation on the current OSWDF progress.

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

**Caudill:** The Historic Legacy & Community Engagement Subcommittee met on October 11. The purpose of the meeting was to present a recap on the Science Alliance.

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

**Foreman:** The D&D/Remediation and Future Use Subcommittee met on October 11. The purpose of the meeting was to present on Ohio University PORTS Future and D&D/Reindustrialization coordination.

**Public Comment:**

**Henderson:** As you move forward, do not lose site of the nickel segmentation. There should be some planning going on for that. What is the scope of work going to be? Where will the nickel segmentation take place? Have them go over the steel recycling again, a lot of the research has changed. Have them talk about the moratorium and suspension so you are up to speed otherwise you are making decisions in the dark. You can also request to make another trip to Fernald. Thanks

**Blackburn:** I just want to say again, I know you know that jobs are tough and very important for our area here in Southern Ohio. What we have to remember is when times are good these are the best people in the world. However, we have been overlooked for a long, long time by a lot of different organizations and companies. We want them to know we are here now, we have a voice and want to speak. So on the recommendation just remember to put a little teeth in them. Put it out there and let them know what you are feeling and let the chips fall where they may and see where it goes.

**Marida:** I volunteer with the Sierra Club. Our club is a National Environmental Organization. I work at the state, national and international nuclear issues and I would like to bring up some of the contamination that is here are Piketon, because Sierra club knew that plutonium was brought into Piketon, but what we did not realize was that as early as 1953-1956 high level active waste was brought here and ran though the facility. The DOE has different names for it, recycled uranium, processed. This has contaminated the cylinders. So the Sierra Club thinks this is also



legacy waste here and the SSAB really should have a say in what is going on over at the conversion site, too. They are handling it too; the only difference is that facility is still in operation.

**Manuta:** I was very puzzled with the statement that the site isn't a defense facility. I think the issue with the closure fund is spot on as far as the business perspective. I think that because it had an obvious defense application and that makes this site qualified just like the other three. The use of nickel at the site is still classified. Thank you.

**Final Comments from the board:** None

**Berry:** adjourned

**Next Meeting:** January 12, 2017

**Action Items:** None

PREPARING THE FUTURE

# PORTS

D & D PROJECT

# DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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

**Portsmouth Site Specific Advisory Board  
November 3, 2016**



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



## D&D Safety Update

As of 10/31/16, worked 219 days without a lost time incident.

As of 10/31/16, nine recordable injuries in CY 2016

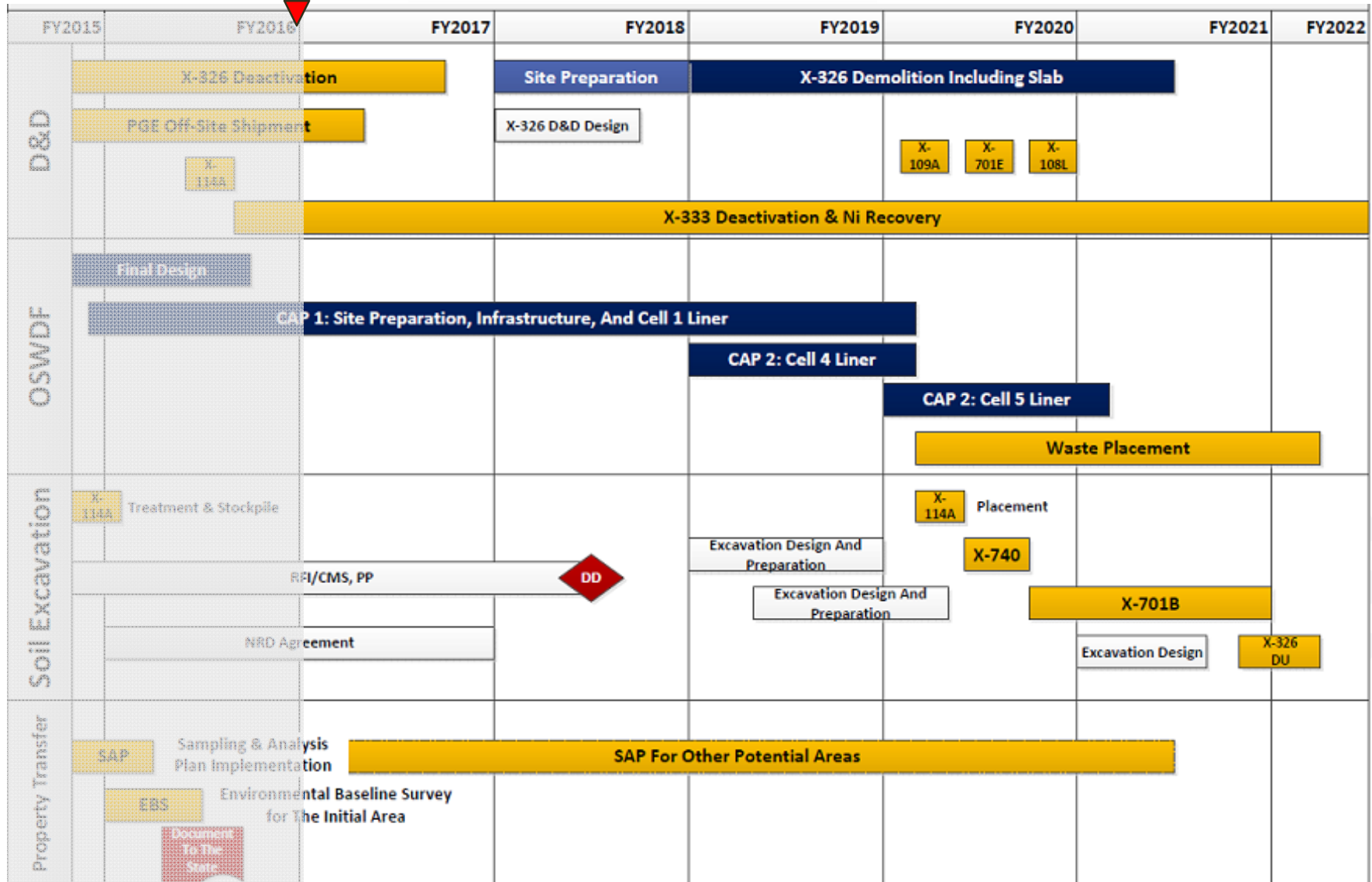
As of 10/31/16, four recordable injuries in FY 2017

**YOU are the KEY to SAFETY!**



# PORTS Integrated Baseline

Next 5 Years



# Deactivation of - X-326 & X-333



**X-326 13.8 Project**



**X-333 Panel Removal**



# Crane Upgrades at the X-344



# Water Tower Repair





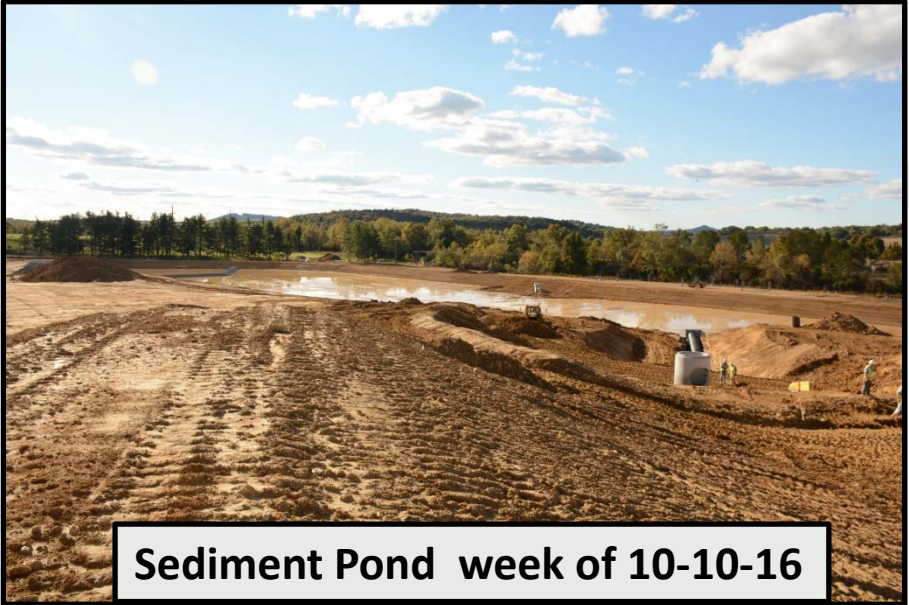
# Winterization



# OSWDF Update



**Sediment Pond week of 10-17-16**

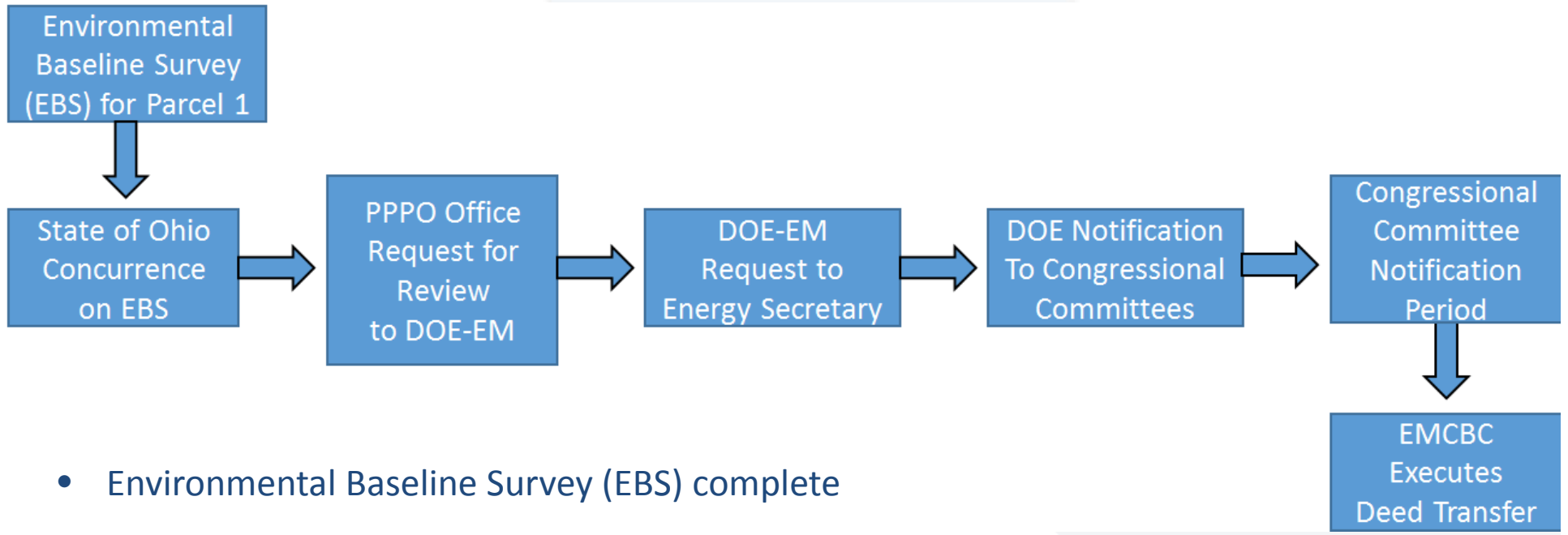


**Sediment Pond week of 10-10-16**

# Perimeter Fencing at the OSWDF



# Property Transfer



- Environmental Baseline Survey (EBS) complete
- EBS to be sent to Ohio Governor's Office any day.
- Transfer on schedule for spring 2017
- Property appraisal in development by EMCBC



# Environmental Remediation



Groundwater Treated FY2016	Groundwater Source	TCE Removed FY2016 lbs.
2,476,400 Gallons	X-701B Plume	94.68
49,185 Gallons	Misc. Site	0.13
11,082,610 Gallons	7-Unit Plume	133.58
18,928,100 Gallons	5-Unit & X-749/ X-120 Plumes & PK Drainage	20.61

The totals from March 29, 2011 (FBP Contract) through September 2016 are:  
 Treated 202.5 Million Gallons of groundwater  
 Removed 1885.58 pounds of Trichloroethylene (TCE)

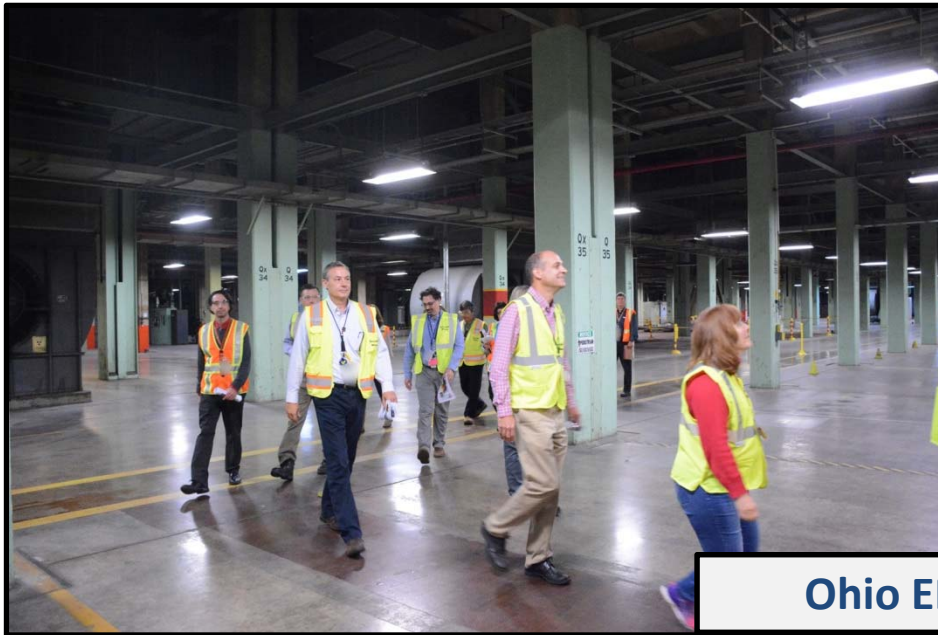
# Temperature Monitoring at Little Beaver Creek



# Site Tours



**Public Tour**



**Ohio EPA Tour**



# Educational Outreach







# Community Outreach



**Employee Giving Campaign raises \$112,000 for the community.**





# Upcoming Site Events



SSAB Education Workshop  
Tuesday, December 13, 2016



SSAB Full Board Meeting  
Thursday, January 12, 2017

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

# Closure Funding



Dennis Carr

November 3, 2016

# Closure Funding

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- Legislative Objective – Accelerate Schedule for Cleanup and Closure of Select DOE Defense Nuclear Facilities
- Enacted Legislation - February, 1996 – 50 USC 2585- “Accelerated Schedule for Defense Environmental Cleanup Activities”
- Requirements of Legislation
  - Secretary of Energy to designate facilities where accelerated schedule will achieve meaningful long-term savings to the Government and could substantially accelerate the release of land for local reuse

# Closure Funding

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- Legislation Identified the Considerations the Secretary Should Use in Decision to Designate a Facility for Accelerated Cleanup
  - The Cost Savings Achievable by the Federal Government
  - The Potential For Reuse of the Site
  - The Risks that the Site Poses to local Health and Safety
  - The Proximity of the Site to populated areas
- The Secretary Designated Three Facilities in 1996
  - Rocky Flats
  - Fernald
  - Mound

# Closure Funding

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- Advantages of Designation
  - Separate Congressional Funding B&R Category Established- Closure Sites Did Not Compete With Other Funding Needs of Department
  - Level Consistent Funding – Site Knew What The Funding Level Would Be Year To Year
  - Closure Funding Had No Color – No Separate Request Needed For Line Item Capital Construction or Equipment Funding
- Expectations of Designation
  - Site Must Achieve Closure by Date Certain
  - Each Site Must Report To Congress Annually on Progress
  - All Statutory Requirements Intended To Protect Public Health and Safety Must Be Followed in Accelerated Cleanup

# Closure Funding

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- Results
  - All Three Designated Sites Completed On or Before Congressionally Approved Closure Schedules
    - Rocky Flats - Completed in 2005 – 54 Years Earlier than Original Plan
    - Fernald – Completed in 2006 -- 14 Years Earlier Than Originally Planned
    - Mound Completed in 2006 --- 4 years Earlier than Original Plan
  - All Three Sites Completed At Substantially Lower Costs
    - Rocky Flats - Saved \$30 B
    - Fernald – Saved \$ 7.8 B
    - Mound – Saved \$ 400 M

# Closure Funding

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- Comparison of Legislation to PORTS
  - PORTS is Not A Defense Nuclear Facility - Therefore Current Legislation Does Not Specifically Apply
  - PORTS Attributes
    - All Regulatory Decisions and Agreements in Place
    - Clear End-State Vision and Objective
    - PORTS Could Set Date Certain for Completion and Achieve It
    - Government Would Benefit With \$Billions of Savings
    - Community Would Benefit By Early Return to Support Re-Industrialization
    - Completion Has Very Low Reliance on Other DOE or Commercial Facilities
    - Completion does not require any advances in technology and no R&D
    - Project And Workforce Would Garner Substantial Benefit From Stable Consistent Funding