



# PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

## Proposed Agenda for the September 4, 2014 Board Meeting

<b>Chair</b> William E. Henderson II	<b>6 p.m.</b> Call to Order, Introductions Review of Agenda Approval of June Minutes	
<b>Vice Chair</b> Val E. Francis	<b>DDFO Comments</b>	<b>--15 minutes</b>
<b>Board Members</b> Shirley A. Bandy Lisa Bennett Robert Berry Maddeline C. Caudill Carlton L. Cave Al Don Cisco Martha A. Cosby Ervin S. Craft Adrian C. Harrison Carl R. Hartley Brian F. Huber Ryan H. Knight Sharon E. Manson Daniel J. Minter Irma C. Payne Cristy D. Renner	<b>Federal Coordinator Comments</b>  <b>Liaison Comments</b>  <b>Presentations</b>  <b>Administrative Issues</b> <ul style="list-style-type: none"><li>Annual Executive Planning and Leadership Training Session Update</li></ul>	<b>--10 minutes</b>  <b>-- 5 minutes</b>  <b>--25 minutes</b>  <b>--20 minutes</b>
	<b>Subcommittee Updates</b>	<b>--5 minutes</b>
	<b>Election of Chair and Vice Chair</b>	<b>--10 minutes</b>
	<b>Adoption of FY 2015 Work Plan</b>	<b>--10 minutes</b>
	<b>Public Comments</b>	<b>--15 minutes</b>
	<b>Final Comments from the Board</b>	<b>--10 minutes</b>
	<b>Adjourn</b>	
<b>Deputy Designated Federal Official</b> Joel Bradburne		
<b>DOE Federal Coordinator</b> Greg Simonton		

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



## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, SEPTEMBER 4, 2014, SSAB MEETING • 6:00 P.M.

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

**Site Specific Advisory Board (SSAB) Members Present:** Chair Will Henderson; Vice Chair Val Francis; Shirley Bandy, Lisa Bennett, Bob Berry, Carol Caudill, Carlton Cave, Ervin Craft, Brian Huber, Sharon Manson, Dan Minter, Cristy Renner

**SSAB Members Absent:** Al Don Cisco, Martha Cosby, Adrian Harrison, Carl Hartley, Ryan Knight, Charlene Payne

**U.S. Department of Energy (DOE) and Contractors:** Vince Adams, Greg Simonton, Johnny Reising, DOE; Rick Greene, Joe Moore, Restoration Services, Inc. (RSI); Cindy Lewis, EHI Consultants (EHI); Deneen Revel, Dennis Carr, Fluor-B&W Portsmouth (FBP)

**Liaisons:** Maria Galanti, Ohio Environmental Protection Agency (EPA); Mike Rubadue, Ohio Department of Health (ODH)

**Facilitator:** Eric Roberts, EHI

**Public:** Geoffrey Sea, Neighbors for an Ohio Valley Alternative (NOVA)

Approved by Will Henderson, Board Chair

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Will Henderson

## Call to Order:

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

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

## September Agenda:

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

- **Manson:** I make a motion to approve the September agenda. **Caudill:** I second the motion
  - **Motion carried, agenda approved**

## June Minutes:

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

**Manson:** Missing the n in the spelling of my name on page five under Budget and Funding Subcommittee.

- **Manson** I make a motion to approve the June minutes after amending.  
**Caudill:** I second the motion
  - **Motion carried, minutes approved as amended**

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

### Agenda

- Plant Updates
  - Senator Portman's Visit
  - 1,000 Component Shipped
  - X-326 Deactivation Progress FY14
  - NDA Team Update
  - PORTS D&D Waste Streams
  - Groundwater Remediation
  - Portsmouth DUF6 Conversion Plant Status Update
  - Planned Improvements
  - Regulatory Process
  - Community Outreach/Tours
  - Community Outreach/Feds Feed Families
  - Community Outreach
  - FBP Community Outreach
  - Upcoming Site Events

*A copy of the DDFO presentation is available on the SSAB web site  
([www.ports-ssab.energy.gov](http://www.ports-ssab.energy.gov))*



<p>operated in the past compared to now.</p>	<p>name them. That was nice to have you say here they are, now pick one.</p>
<p><b>Francis:</b> Good time, it was good to meet the new members. We cannot lose our perception of keeping the politicians engaged for the days ahead, with the funding.</p>	
<p><b>Caudill:</b> Has a recommendation or anything been sent to the politicians to give our support?</p>	<p><b>Roberts:</b> At the board level, we do not send letters to the politicians. We send advice/recommendations to DOE. Often, those are copied and sent to the politicians, so they will see the letters.</p> <p><b>Bandy:</b> Individually as citizens we can make form letters available to you, from different organizations that we all belong to if you would like to show your support individually.</p> <p><b>Henderson:</b> Let me address a little bit about that. At the National Chairs meeting, the national chairs as a whole came together and wrote a recommendation on funding. We voted on that as a board prior to you coming on board. We could get you a copy of that. Therefore, you have at least an idea of some of the things we have done.</p>

**Subcommittee Updates:**

**Budget and Funding Subcommittee Update by Stan Craft:**

**Craft:** The Budget and Funding Subcommittee met on July 8. The purpose of the meeting was to update the subcommittee with the barter impacts, presented by Joel Bradburne, DOE and Dennis Carr, FBP.

**Community Engagement & Site Legacy Subcommittee Update by Sharon Manson:**

**Manson:** The Community Engagement Subcommittee met on June 10. The purpose of the meeting was to give the subcommittee an overview on the FBP internship program. The subcommittee also met on July 8. The purpose of this meeting was to have a discussion on recommendation 14-02 and a traveling display update presented by Jeff Wagner, FBP.

**Executive Subcommittee Update by Will Henderson:**

**Henderson:** The Executive Subcommittee met on July 31. The purpose of the meeting was to give the subcommittee an update on the regulatory process.

**Recycling & Waste Disposition Subcommittee Update by Dan Minter:**

**Minter:** The Waste Disposition & Recycling Subcommittee met on June 10. The purpose of the meeting was to give the subcommittee an update on the DOE-SODI Asset transition agreement, Presented by Greg Simonton, DOE. The subcommittee also met on July 8. The purpose of the meeting was to present an update on the proposed plan, presented by Vince Adams, DOE, and Dennis Carr, FBP.

**Site Optimization and Future Land Use Subcommittee Update by Brian Huber:**

**Huber:** The Site Optimization and Future Land Use Subcommittee met on June 10. The purpose of the meeting was to give the subcommittee a recap of the OU Roundtable, presented by Greg Simonton, DOE, and Stephanie Howe OU.

**Election of Chair:**

**Roberts:** Any nominations for Board Chair?

**Manson:** I would like to nominate Will Henderson. **Renner:** I second the nomination.

**Roberts:** There is a nomination on the table for Will Henderson as chair. Any other nominations for board chair? Being none, do you want to vote by show of hands or ballot? Show of hands it is, all in favor of Will as your chair raise your hand.  
**Nomination carried** (11 approved, 0 opposed, 0 abstained, 0 recused)

**Roberts:** Congratulations Will.

**Roberts:** Any nominations for Board Vice Chair?

**Manson:** I would like to nominate Val Francis. **Renner:** I second the nomination.

**Roberts:** There is a nomination on the table for Val Francis as vice chair. Any other nominations for board vice chair? No more nominations. All in favor of Val as vice chair raise your hand.  
**Nomination carried** (11 approved, 0 opposed, 0 abstained, 0 recused)

**Roberts:** Congratulations Val.

**Adaption of FY 2015 Work Plan:**

**Henderson:** If we may prior to moving on to the work plan, I would like Mr. Carr to address the board and explain the regulatory process and what we will be going through in the near future.

**Bennett:** I would like to make a motion to approve the FY 2015 proposed work plan.

**Caudill:** I second the motion to approve.

**Roberts:** There is a motion on the table to approve the FY 2015 work plan. All in favor raise your hand.

**Motion carried** (12 approved, 0 opposed, 0 abstained, 0 recused)

**Public Comment:**

**Sea:** Geoffrey Sea, Neighbors for an Ohio Valley Alternative. I am going to go fast because I have a lot to say tonight. Our group contends that DOE is currently in violation of federal law in terms of both these proposed decisions. The decision making process has been corrupted and that if DOE proceeds with a ROD on the schedule discussed tonight, it will be in violation of Federal law. It contends, specifically eight things.

#1 It is illegal to collapse these two decisions into one. We have been told for years that DOE would first make a decision that would be completed on the D&D process buildings and that would serve as a basis for later making a decision on waste disposition. That is the logical way to proceed. If you do the two together then it presumes that you have already made a decision on the building D&D. You cannot make a decision on waste disposition until you know what you are doing with the building D&D. So, in fact, by collapsing the two decisions together you are admitting that the process was done illegally, that you have already made a decision that was improperly made.

#2 We contend that Fluor and other contractors at this site have conducted hidden illegal shipments of waste, specific to the Paducah site. This is now under investigation by the U.S. Department of Justice and other law enforcement agencies. We contend that it was illegal to proceed with making these decisions until the results of those investigations are complete and the community and public know what actually has conspired in the past at the site in terms of corrupt illegal activity.

#3 We contend that DOE has not disclosed what happened to the uranium-decommissioning fund that was supposed to fund cleanup of the two gaseous diffusion plants. And now is the idea that this is supposed to be now funded by a barter agreement that could be in violation of federal law. For this community to make sound decisions about the future, we at least need an account of what happened to that fund that was set up by congress to fund this process.

#4 We contend that DOE has illegally provided financial support for USEC knowing that there will be no commercial centrifuge plant on this site. But wanting to secure a Record of Decision on waste disposition, meaning an on-site waste disposal site, while a centrifuge or centrifuge plant is technicality on the books before acknowledging that there will not be a centrifuge plant, which would remove the reason for placing an on-site waste cell.

#5 We contend that the Fluor contract was structured to secure an on-site waste cell from the beginning in violation of CERCLA and sound decision-making principles.

#6 We contend that the National Historical Preservation Act has been grossly violated at this site. That DOE has no acceptable solution under federal law of the impact of an on-site waste disposal cell on federally protected historical properties. For those of you who are new here you should know that DOE has been forced to

acknowledge as a result of archaeology studies that there are 53 previously unknown artifact sites on the DOE reservation, some of which are on the site of the proposed on-site waste cell.

**#7** We contend that this body, the SSAB, has been composed and operated illegally as a rigged rubber stamp for pre-made decisions in violation of CERCLA. We hope that will change and the new members will be part of making that change.

**#8** We contend that the third alternative that was proposed and included in the original plans, which was an alternative that we suggested and was not discussed by Dennis Carr, has been illegally eliminated from consideration and that is in fact the best alternative for waste at this site. That would involve separating the waste into three streams, not two, so some of the mid-level contaminants not be put in an on-site waste cell, but transferred to another off-site facility within the region that would keep jobs in the region and be a lower cost alternative. Because of the way the contract for Fluor was originally, it was written to give them extra bonus fees for securing an on-site waste cell with public support. If you proceed along this schedule, you are looking at a major Federal lawsuit. We don't want to go that route, we have tried to discuss with DOE and Fluor these alternatives and asked that some kind of accommodations be reached. The local community is dead set against an on-site disposal facility. You all in this room know that, and that is being completely ignored.

**Final Comments from the board:**

**Huber:** Last time I was here, Carl Hartley told me that he had seen a cougar on site and I was wondering if ODNR was notified of the sighting. In addition, if anyone has a tape of the sighting, I would like to see it.

**Simonton:** I will check into that Brian.

**Manson:** There have been other sightings of some sort of cat.

**Henderson** adjourned the meeting.

**Next Meeting:** November 6, 2014

**Action Items:**

1. EHI will correct Manson's name on page five of the June board-meeting summary.
2. EHI will e-mail times for the subcommittee meetings for September 9 tomorrow morning.
3. EHI will get the federal budget timeline to board.
4. EHI will get the scenarios from Fluor.
5. DOE to check to see if ODNR was notified of the cougar sighting on site.



PREPARING THE FUTURE

# PORTS D&D PROJECT

# ALTERNATE DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

**Greg Simonton**

**U.S. Department of Energy**

**Portsmouth Site Specific Advisory Board**

**September 4, 2014**



- ▶ Plant Updates
- ▶ Regulatory Decision Making Progress
- ▶ Community Outreach
- ▶ Upcoming Events





# Plant Updates/Senator Portman's Visit



# Plant Updates



**1,000<sup>th</sup> Component Shipped  
Friday, July 18**





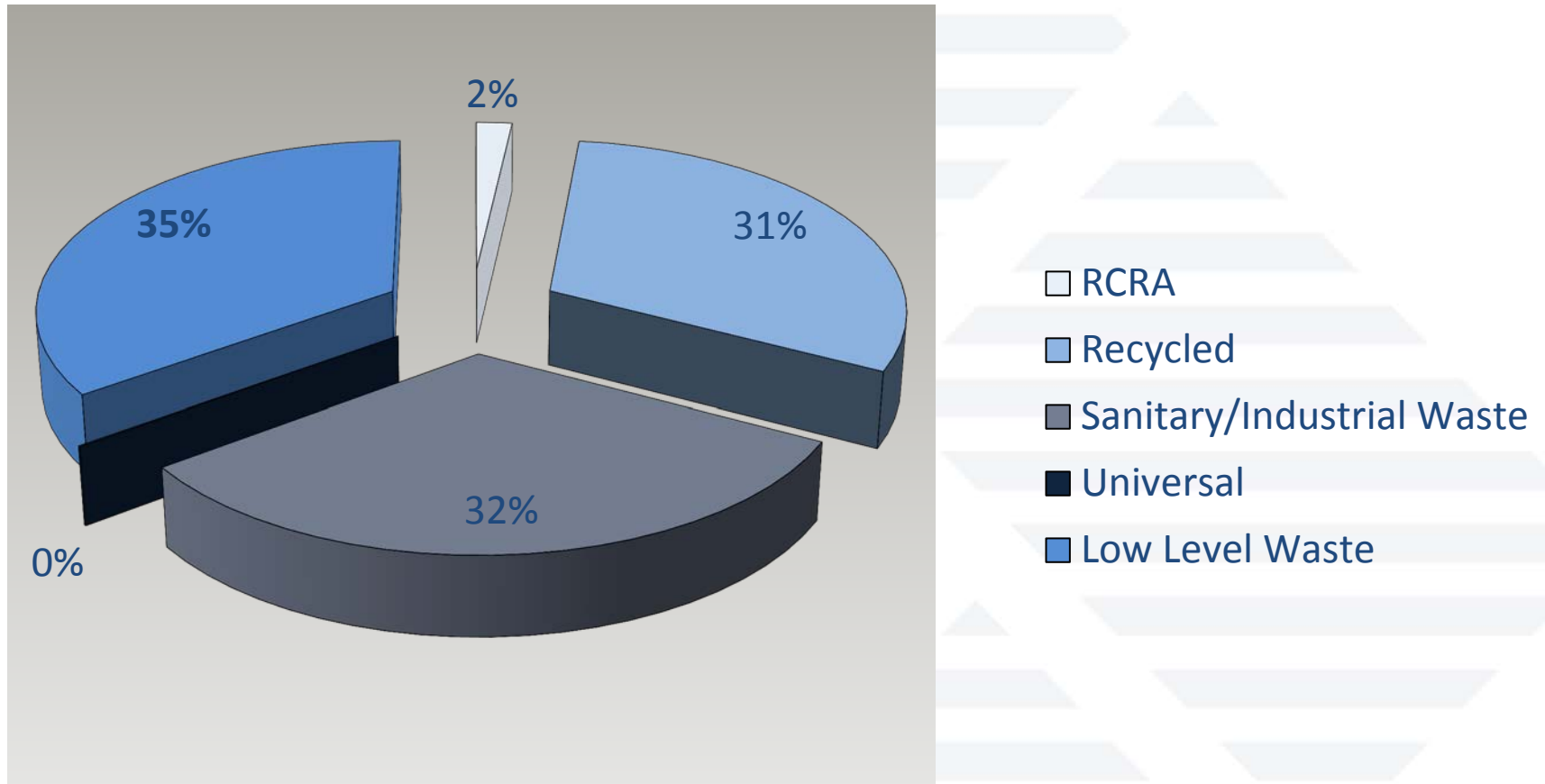


# Plant Updates/NDA Team Update





## Waste Disposition 3/29/2011 thru 8/21/2014





# Groundwater Remediation

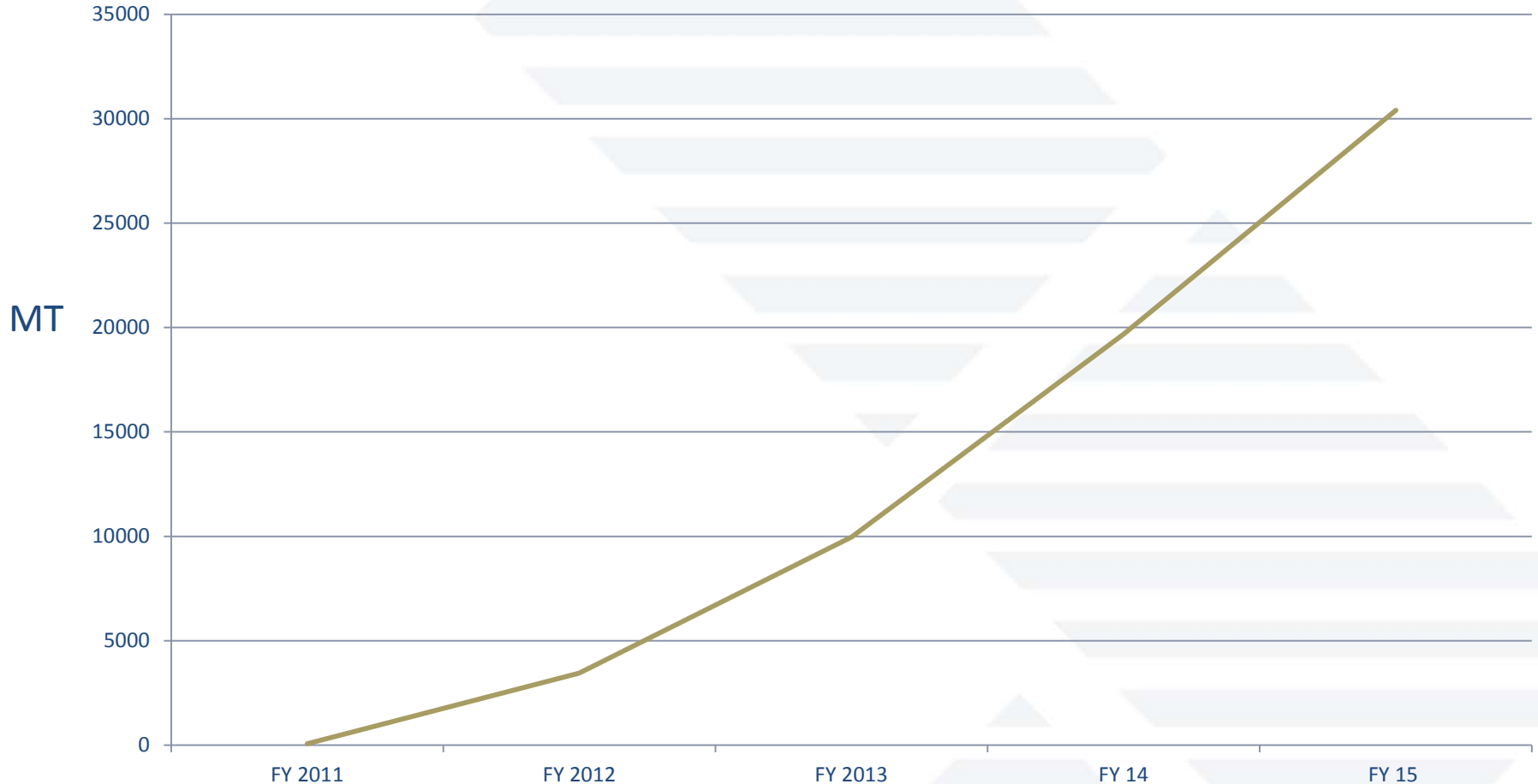


Building	Ground Water Treated FY2014	TCE Removed FY2014
X-624	2.11M Gallons	75 lbs
X-623	32K Gallons	0.17 lbs
X-627	9.33M Gallons	226 lbs
X-622	16.42 M Gallons	21 lbs



# Portsmouth DUF6 Conversion Plant Status Update

Through FY 14, processed ~8% of initial Portsmouth inventory



Cumulative MT DUF6 Processed at Portsmouth





Transitioning from startup to sustained facility availability and predictable production output

## Increases in plant availability:

	<u>Ports</u>
FY12	26%
FY13	58%
FY14	72%




# Planned Improvements:

Equipment replacement or process improvements to increase output

- Replacement Hydrogen Generation Technology
- Improve Autoclave and Conversion Unit Heating Control
- Streamline Cylinder Modification process and Cylinder Movement
- Optimize Oxide transfer process
- Reduce oxide flow restrictions (e.g., valve, blower and piping changes)



# Regulatory Process



<b>Process Building D&amp;D</b>	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
<b>Waste Disposition</b>	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
<b>Soil and Groundwater Decision</b>	Implement Ongoing Corrective Measures (already in place from previous decisions)			Evaluation of Alternatives	

# Regulatory Process

Site Decision	Document	Status	Date
Balance of Plant	X-600 Removal Action Completion Report	OEPA Concurrence	5/7/14
Process Buildings	RI/FS Report	OEPA Concurrence	7/11/14
	Proposed Plan	OEPA Review and Comment Resolution	Submitted 7/22/14
Waste Disposition	RI/FS Report	OEPA Conditional Concurrence	4/10/14
	Proposed Plan	OEPA Review and Comment Resolution	Submitted 6/27/14
Soil Remediation	Soil Background Study Report	In Development	-
	DU-RFI/CMS Work Plan	OEPA Review and Comment Resolution	Submitted 4/1/14



# Community Outreach/Tours



Senator Brown Staffer Jonathan McCracken Welcomed at Site





# Community Outreach/Feds Feed Families



Food pantry before delivery.



Food pantry after delivery. 15,681.45 pounds of food donated.





# Community Outreach







# FBP Community Outreach



# Upcoming Site Events



**Public Tour**  
**Saturday, Sept 20**



**Science Alliance**  
**October 7, 8 and 9**



**Public Tour**  
**Saturday, Oct 18**



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



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