



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the July 9, 2015 Board Meeting

Chair

William E. Henderson II

Vice Chair

Board Members

Lisa Bennett
Robert Berry
Maddeline C. Caudill
Carlton L. Cave
Al Don Cisco
Martha A. Cosby
Ervin S. Craft
John T. Evans
Adrian C. Harrison
Carl R. Hartley
Brian F. Huber
Ronda J. Kinnamon
Ryan H. Knight
Dr. Neil Leist
Bernard S. Neal
Irma C. Payne
Cristy D. Renner
Judy R. Vollrath

**Deputy Designated
Federal Official**
Joel Bradburne

DOE Federal Coordinator
Greg Simonton

6 p.m.

Call to Order, Introductions

Review of Agenda

Approval of May Minutes

DDFO Comments

--15 minutes

Federal Coordinator Comments

--10 minutes

Liaison Comments

-- 5 minutes

Former Board Members Recognition

- Joel Bradburne, DOE and Greg Simonton, DOE

-15 minutes

Waste Disposition Record of Decision Discussion

- Joel Bradburne, DOE and Dennis Carr, Fluor-B&W

--30 minutes

Administrative Issues

--20 minutes

SSAB Draft Recommendation 15-04 Discussion

- Will Henderson, Board Chair and Stan Craft, Board Member
- Public Comment

Subcommittee Updates

--5 minutes

Public Comments

--15 minutes

Final Comments from the Board

--15 minutes

Adjourn

Support Services
EHI Consultants, Inc.
1862 Shyville Road
Piketon, OH 45661
Phone 740.289.5249
Fax 740.289.1578



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, JULY 9, 2015, 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, Lisa Bennett, Bob Berry, Al Don Cisco, Martha Cosby, Ervin Craft, John Evans, Carl Hartley, Brian Huber, Neal Leist, Barnard Neal, Cristy Renner, Judy Vollrath

SSAB Members Absent: Carol Caudill, Carlton Cave, Adrian Harrison, Ronda Kinnamon, Ryan Knight, Charlene Payne

U.S. Department of Energy (DOE) and Contractors: Vince Adams, Joel Bradburne, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jeff Wagner, Jack Williams, Herman Potter Fluor-B&W Portsmouth (FBP)

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

Facilitator: Eric Roberts, EHI

Public: Jeanne Wilson, Senator Sherrod Brown's office; Deborah Detillion, Boston Government Services; Pat Marida, Sierra Club; Diana Cattall, Val Francis, Sharon Manson, Gene Brushart, Janie Croswait, Dan Minter, Kevin Hoggatt, Senator Rob Portman's office; Damon Detillion, (WEMS); Matt Lucas, Pike County News Watchman

Approved by Will Henderson, Board Chair

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.

July Agenda:

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

- **Cosby:** I make a motion to approve the July agenda
- **Renner:** I second the motion
 - **Motion carried, agenda approved**

May Minutes:

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

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

DDFO comments provided by Joel Bradburne, Site Lead U.S. Department of Energy:

- **Plant Updates**
 - **D&D Safety Update**
 - **Process Gas Equipment 5,000th Component**
 - **Barter Transfer Project-1,000th Cylinder**
 - **X-611 Water Treatment Upgrade**
 - **X-530 Switchyard Upgrade**
 - **X-104A and X-750 Garage – Roof Repairs**
 - **X-326 Deactivation Update**
 - **Shipped PGE From X-326**
 - **FY15 Lot Drum Shipments**
 - **SODI Land Transfer**
 - **Environmental**
- **Regulatory Decision Making Progress**
 - **Regulatory Process**
 - **Portsmouth DUF6 Plant Status**
- **Community Outreach**
 - **Biannual Emergency Drill**
 - **Plant Tours Continue**
 - **Community Outreach**
 - **FBP 2015 STEM Scholarships**
 - **Fluor-B&W Summer Interns**

- **Upcoming Site Events**

A copy of the DDFO presentation is available on the SSAB web site
 (www.ports-ssab.energy.gov)

| Question/Comment: | Answer: |
|--|---|
| Henderson: How much of the budget is spent on the pump and treat process? | Bradburne: On the pump and treat operations around \$10 million a year plus the utilities. |
| How much are the utilities? | Chiou: About \$5 million a year. |
| So about \$15 million a year for the pump and treat process. | |

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

Simonton: I would like to welcome the new members. Just because we have completed the Waste Disposition (WD) Record of Decision, (ROD) does not mean there is not a lot of work to do. Economic development and decontamination and decommissioning (D&D) can co-exist.

Liaison comments provided by Maria Galanti:

Galanti: Welcome to the new board members. This will be my last board meeting. Thank you everyone it has been a pleasure working with you all. Dustin Tschudy will be my replacement. We have been working hard to get the decision document done and like, Joel said, hopefully by the end of the month.

Liaison comments provided by Mike Rubadue:

Rubadue: We are just about complete with the Process Building ROD. What we have seen so far is pretty consistent with what we have talked about over the last year.

Former Board Members Recognition: Joel Bradburne and Greg Simonton, DOE:

Shirley Bandy, Val Francis, Sharon Manson, Dan Minter
 In addition, we would like to recognize Maria Galanti, EPA for her services. This will be her last board meeting. We would also like to welcome Dustin Tschudy who will be Maria's replacement.

Waste Disposition Record of Decision Discussion provided by Joel Bradburne, DOE and Dennis Carr, Fluor-B&W

| Question/Comment: | Answer: |
|---|--|
| Henderson: We have had conversations concerning the Waste Acceptance Criteria over the last few years. What are some of the prohibited items that cannot go into the cell? | Carr: Numerous items cannot go in the waste cell. Anything 20% enrichment cannot go, the X-326 coolers, any waste not from this site. Only low-level active waste can go into the waste cell. |

| | |
|---|---|
| <p>We have a good working relationship with the local DOE, I will take you at your word. However, at some time we will all be gone and this ROD does not say anything regarding cleaning up the plumes.</p> <p>Has any of the waste from the DUF6 been taken off-site?</p> <p>We talked a lot about the waste from the 326 going off-site. Is there any of the process gas equipment from the 330 or 333 that would meet any of the criteria to go into an on-site cell?</p> | <p>Just the building itself can go in the waste cell but not the process equipment.</p> <p>We have many requirements to meet.</p> <p>Galanti: No, it is not in the ROD so it cannot go in the waste cell.</p> <p>Carr: First off, the convertors are nickel mining. If we have things that are unsafe for our workers, we are going to seal them off and ship them. Based on what we know, we do not believe there is anything in those buildings that cannot go in the on-site cell.</p> |
| <p>Galanti: DOE has to ask for the money but if they do not get it then you can postpone the work.</p> | <p>Bradburne: Once you start work and generate waste then you have to get rid of the waste.</p> |
| <p>Evans: You had said 1.4 million yards of waste. What percentage will be on site and what percent recycled?</p> <p>How much goes to a landfill on site?</p> <p>60 years ago, it was the best technology at the time. Now you are digging them up and put it in a landfill, the best technology of the time. It seems to me if you really want to develop this site, you would want to get it off the site, because who knows 50 years from now this technology will be obsolete and you go back in and dig it up again. That to me would be a deterrent to build a business on the land. Why wouldn't we want to take it all off site somewhere in the</p> | <p>Carr: Any material from a radiological area cannot be recycled. Most of the buildings on site are not available for recycle. We have 145 acres under roof and about 120 acres of that is behind radiological lines, therefore cannot be recycled.</p> <p>Chiou: 1.1 million will be outside.</p> <p>Carr: When we dig up the landfills then we have to sort through it.</p> <p>Clearly being absent of any waste is better than any, so there always will be decisions to be made. Where is that line? A lot of people had to decide where that line was and the chalk line has been drawn. There was a balance that had to be reached.</p> |

| | |
|---|--|
| dessert where they are not trying to build a plant? Moreover, clean this up and say it is done. | |
|---|--|

Administrative Issues:

SSAB Draft Recommendation 15-04 Discussion by Will Henderson, Board Chair and Stan Craft, Budget and Lifecycle Planning:

| | |
|--|-------------------------------------|
| Question/Comment: | Answer: |
| Bennett: I make a motion to accept Recommendation 15-04 as written. | Renner: I second the motion. |

Public Comment:

Hoggatt: Kevin Hoggatt with Senator Rob Portman’s office. I have a statement from Senator Portman on the ROD and also a couple of questions. The statement from Senator Portman: “The community of Piketon agreed to on site disposal in order to accelerate cleanup and redevelopment of the Portsmouth Gaseous Diffusion Plant. With the DOE’s unacceptable new estimate of 2052 completion, the agency’s unwillingness to request adequate funding for cleanup and the administration’s long record of failing to fulfill its promises to the people of Piketon. It is no wonder the community remains concerned about the future of the site. If DOE had fulfilled its commitment to the community to have this plan finalized in 2012 we would be three years closer to clean up and three years closer to reindustrialization. I will continue to work with the Piketon leadership and DOE to expedite the completion of this project and ensure that the site is acceptable for redevelopment.” My question is under current funding levels, what impact will the on-site disposal cell have with the current work?

Roberts: Can we hang on to that question until the public comment portion of the meeting?

Potter: My name is Herman Potter. I am with the steelworkers local 689 at the plant. We have 1,100 members at the site, who want to be engaged. I am very proud to say that we have been stubbornly consistent with pushing for reindustrialization, and acceleration of the cleanup. The problem I have is we keep hearing that the administration and DOE do not make these decisions cannot make a strong commitment to getting the cleanup done in an accelerated manner for reindustrialization. I have been all over the country in all different sites. I have never seen a more concerted effort on the part of the community, labor and political delegation. The problem we are having is we are not getting the support that we need from DOE.

Board Comment:

Motion carried (14 approved, 0 opposed, 0 abstained, 0 recused)

Subcommittee Updates:

Budget and Lifecycle Planning Subcommittee Update by Stan Craft:

Craft: The Budget and Lifecycle Planning Subcommittee met on May 12. The purpose of the meeting was to discuss the lifecycle baseline. The subcommittee met again on June 9. The purpose of the meeting was to hear a presentation on SSAB priorities within the PORTS D&D. I want to thank the former members for their help, and the new members for coming on the board. And Maria thank you.

D&D/Remediation Progress Subcommittee Update by Martha Cosby:

Cosby: The D&D/Remediation Progress Subcommittee met on May 12. The purpose of the meeting was to hear an update on surveillance and maintenance. The subcommittee met again on June 9. The purpose of the meeting was hear a presentation on X-326 deactivation.

Future Use Subcommittee Update by Bob Berry:

Berry: Future Use Subcommittee met on May 12. The purpose of the meeting was to hear an update on Future Use by SODI. The subcommittee met again on June 9. The purpose of the meeting was to hear a presentation on community priorities and D&D project alignment.

Historic Legacy & Community Engagement Subcommittee Update by Lisa Bennett:

Bennett: The Historic Legacy & Community Engagement Subcommittee met on May 12. The purpose of the meeting was to hear about the ASER student summary project and view a community support video. The subcommittee met again on June 9. The purpose of the meeting was to hear a community commitment plan summary.

Public Comment:

Francis: Val Francis, former SSAB member. I was looking at the ROD today and reading some of the public comments and DOE responses to that. I just have a couple of questions to the response. In the language that was there it seems like if DOE cannot do it, then they blame EPA and EPA blames DOE. I know everybody here and I know that you are honest. There is no question about that, so do not think for one minute that I am talking about anyone. There is a disconnect somewhere. I do not know where it is, if it is Lexington, or Washington. I do not know if it is a bunch of lawyers. However, there are real issues with connecting with what the community wants. I wrote in "Can this community trust DOE?" We can trust the local DOE. Talking about the plumes and landfills I would look across this table and say Maria can this be done? Dennis can this be done? And they both said yes, it could be done. There is a disconnect somewhere. I do not know where, but I do not think it is local, but we need to find out.

Potter: Herman Potter, steelworker local 689. The on-site disposal was difficult for us as a union. We are very much in favor of recycling. Cleanup of existing landfills, I think is very important. Our concern is as Val said there is a disconnect.

Minter: Dan Minter, former SSAB member. In recommendation 13-02 the question came up and has been asked tonight. Why don't you ship everything off-site? Read 13-02, the recommendation was not for DOE's best effort. The idea was you liked this approach. It was to make it safer. The challenge has become in the document it is not a commitment, as we heard it is an option. In the ROD, is that a concern or an option? There is a disconnect. Missing in the process. Is support from Washington.

Hoggatt: Kevin Hoggatt with Senator Rob Portman's office. I will not read the statement again, but I have a couple of comments. I think a lot of people would be interested to know the impact on the work force under current budget levels as we move forward with recommendations on the ROD, assuming the current budget levels that we have.

Final Comments from the board:

| Question/Comment: | Answer: |
|---|---|
| Cosby: I just want to thank the former board members. I have really enjoyed working with you. We will miss you. | |
| Huber: A couple of meetings ago, one of the people in the public mentioned something about environmental justice. I asked that maybe someone look into that. I actually briefly looked into that just right before I came in here. What I found out is that in 1994 President Clinton issued an executive order called 12898 or twelve 898 and it is a federal action. To address environmental justice minority populations and low income populations. I just want to know what DOE has done for us here to apply it as it applies to the cleanup, current missions on site, and future use. | Roberts: Not expecting an answer now, but is that something we can check into. |
| Henderson: Since Kevin's question was asked in the public comment period and he isn't allow to ask a question, I will ask the question. Based on the current funding levels and projections what kind of impact will that have on the current work force moving forward in the process? | Carr: FY16 current President's request level we will be about \$80 million dollars short, which would be 500 jobs. |
| Galanti: I would just like to thank the board. | |

Henderson: For those that served on the board, thank you. I have really enjoyed working with you. For the new members, welcome, and I look forward to working with you. I adjourn the meeting.

Next Meeting: September 17, 2015

Action Items:

1. EHI to prepare and mail out recommendation 15-04.

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
July 9, 2015



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

D&D Safety Update

As of 6/16/15:

13 days without a lost time
incident

13 recordable injuries in
CY 2015

21 recordable injuries in
FY 2015 (twelve medical
treatment and nine DART)



YOU are the KEY to SAFETY!

Process Gas Equipment 5,000th Component



NDA - Operations



Safety



Transportation, Logistics (Scrapyard) and Radiation

Barter Transfer Project – 1,000th Cylinder



X-344 Facility

X-611 Water Treatment Upgrade



X-530 Switchyard Upgrade



X-104A and X-750 Garage - Roof Repairs



X-104A



X- 750 Garage



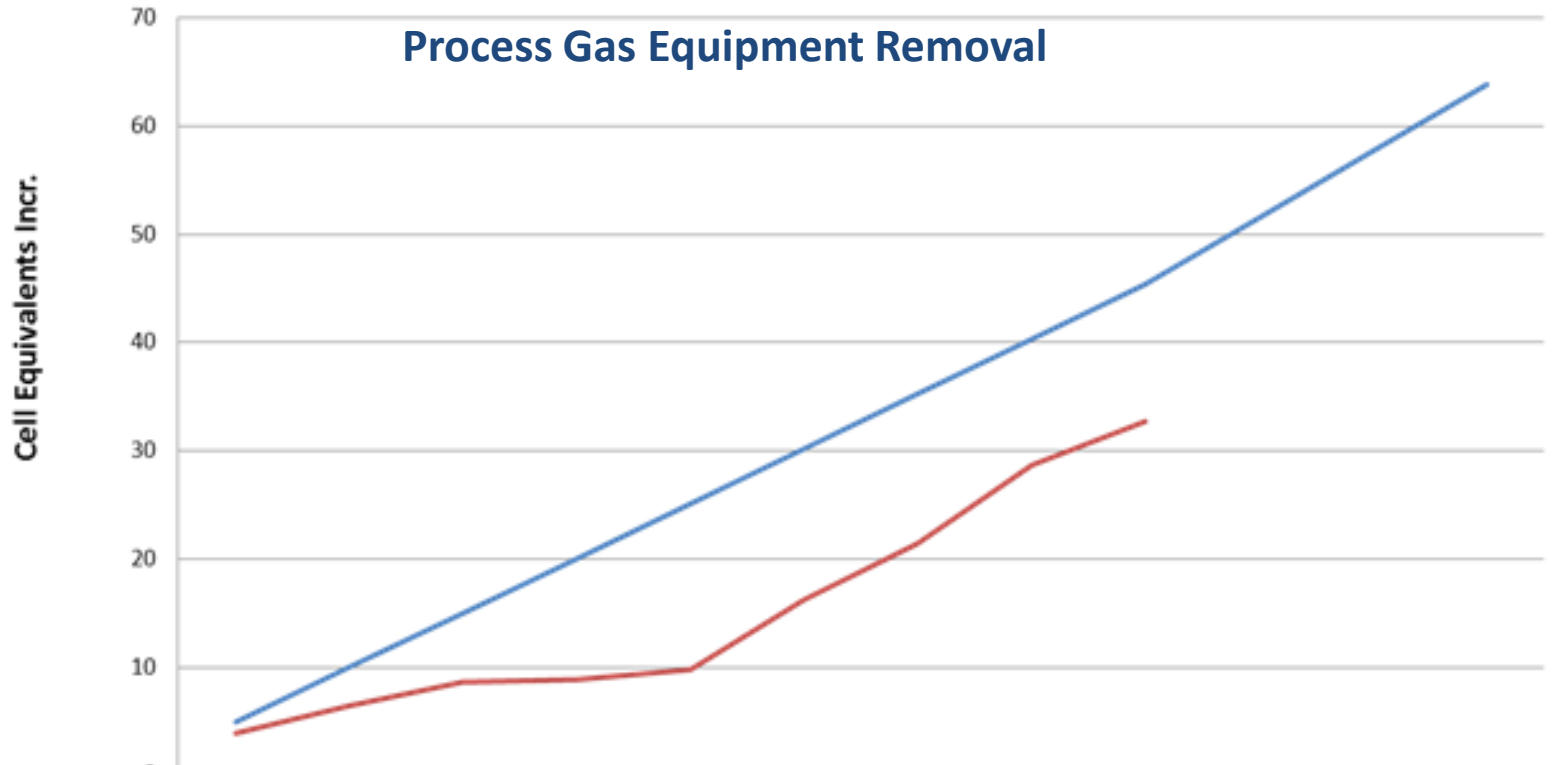
X-104A



X- 750 Garage

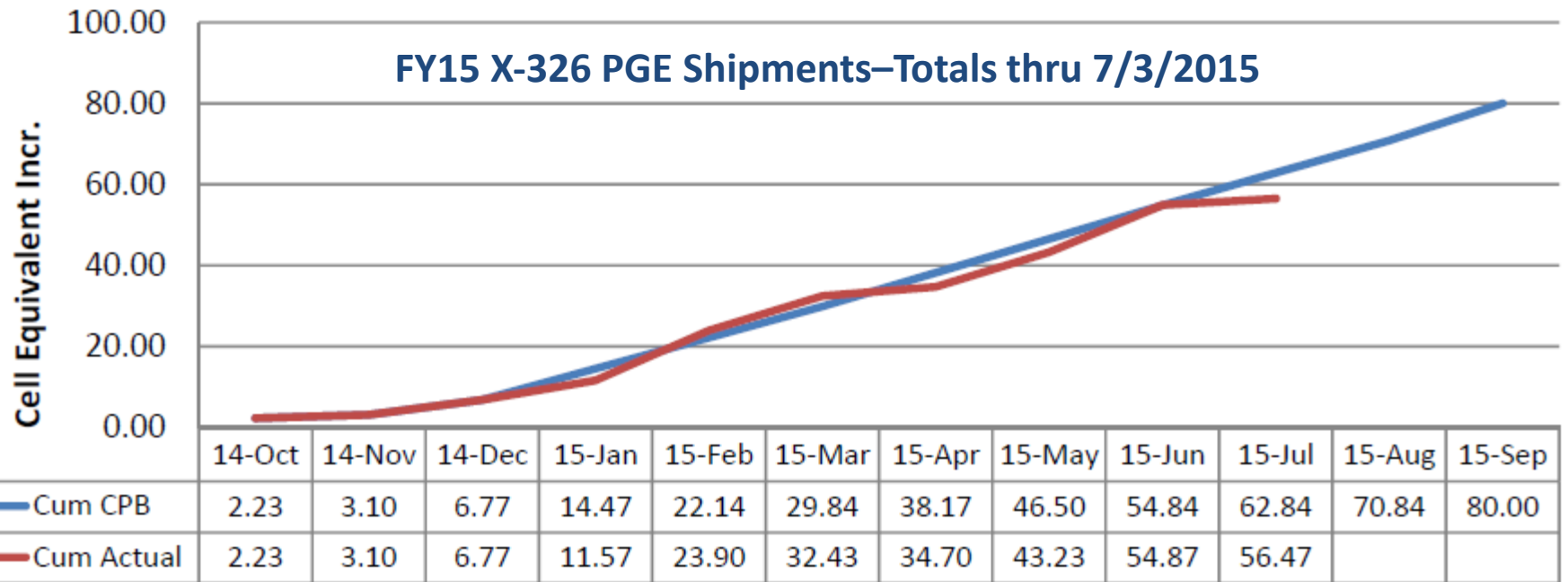
X-326 Deactivation Update

FY15 Cut & Cap (by Calendar Month) – 06/29/15



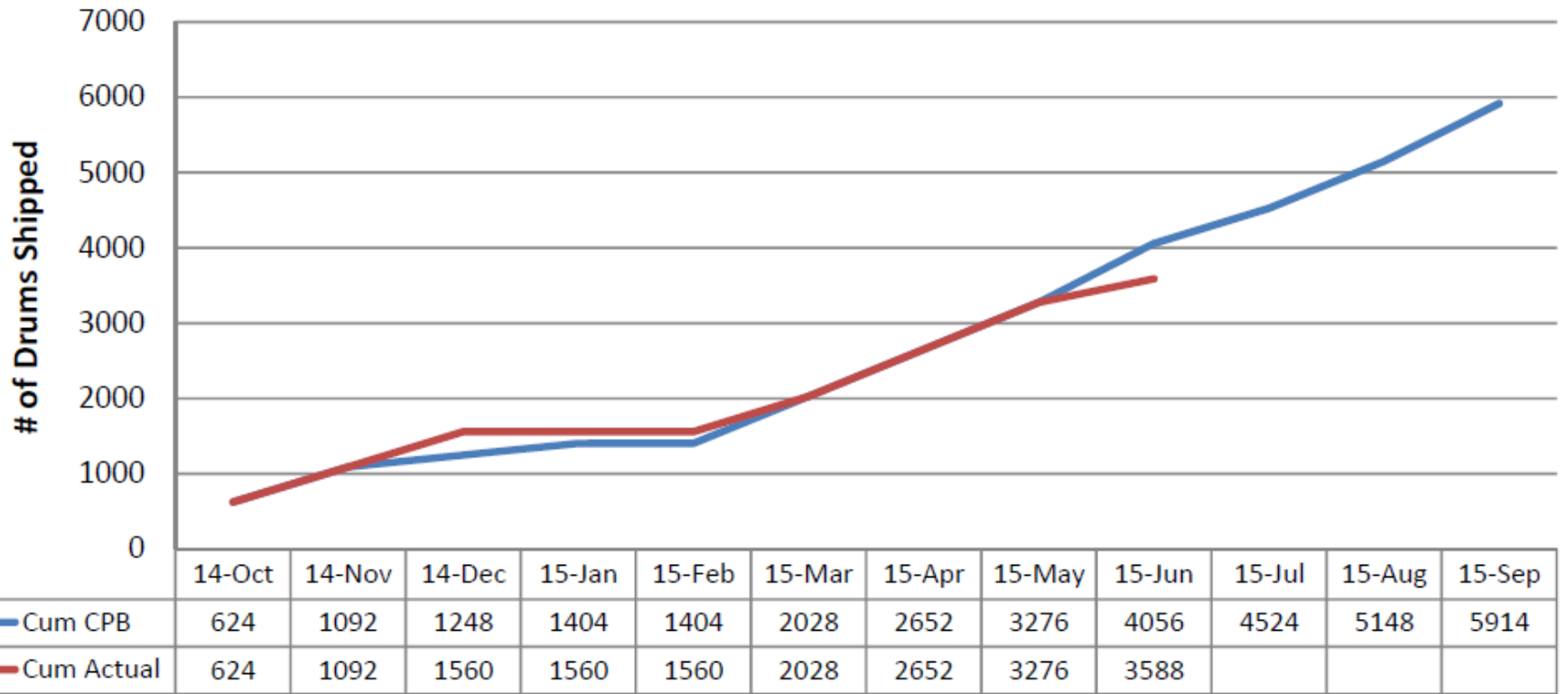
| | 14-Oct | 14-Nov | 14-Dec | 15-Jan | 15-Feb | 15-Mar | 15-Apr | 15-May | 15-Jun | 15-Jul | 15-Aug | 15-Sep |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| CUM CPB | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 52 | 58 | 64 |
| CUM ACTUAL | 3.91 | 6.46 | 8.60 | 8.84 | 9.77 | 16.23 | 21.44 | 28.65 | 32.78 | | | |

Shipped PGE From X-326



FY15 Lot 14 Drum Shipments

FY15 Lot 14 # of Drums Shipped – 06/12/15



SODI Land Transfer

- DOE is looking at the 15 acre parcel requested by SODI as well as additional acreage to make eligible for property transfer
- Requested parcel has been walked down by a team of qualified environmental staff
- Data Quality Objectives for data acquisition for this property and a Sampling & Analysis Plan (SAP) currently in development
- Field work for data collection will start upon selection of qualified subcontractor




Exhibit A

Environmental Remediation



| Groundwater Treated FY2015 | Groundwater Source | TCE Removed FY2015 |
|----------------------------|---|--------------------|
| 1.52M Gallons | X-701B Plume | 114 lbs |
| 8K Gallons | Misc. Site | 0 lbs |
| 7.10M Gallons | 7-Unit Plume | 126lbs |
| 11.227M Gallons | 5-Unit & X-749/X-120 Plumes & PK Drainage | 15 lbs |

Regulatory Process



| | | | | | |
|--------------------------------|---|---------------|-----------------------|----------------------------|----------------|
| Process Building D&D | Evaluation of Alternatives, Informational Meetings and Workshops | Proposed Plan | Public Comment Period | Record of Decision | Implementation |
| Waste Disposition | Evaluation of Alternatives, Informational Meetings and Workshops | Proposed Plan | Public Comment Period | Record of Decision | Implementation |
| Soil and Groundwater Decisions | Implement Ongoing Corrective Measures (already in place from previous decisions) | | | Evaluation of Alternatives | |

Portsmouth DUF6 Plant Status

Update: June, 2015

- Conversion Line Operations Remain Suspended
- All other Activities Resumed:

TSR Surveillances
In Service Inspections
Periodic Maintenance

Biannual Emergency Drill



Mutual Aid Request FY2015

| | |
|-------------------|-----------|
| Vehicle Accidents | 6 |
| Structure Fires | 6 |
| Other Fires | 3 |
| HazMat Response | 0 |
| Medical | 4 |
| Total | 18 |



Plant Tours Continue

Over 100 people
have toured the
site since March
of 2015.



The following Saturday tours are available for the general public through pre-registration: July 11; Aug. 15; Sept. 19 and Oct. 17.

Community Outreach



Pike County Relay for Life



South Central Ohio Educational Services



Simon Kenton Council Boy Scouts

FBP 2015 STEM Scholarships



\$96,000 in scholarship money has been awarded to local county students since 2011



Fluor-B&W Summer Interns

Fluor-B&W welcomes 34 summer interns for 2015! This is the fifth year for the program, which drew 230 applicants.



Upcoming Site Events



Public Tours
Saturday, July 11, 2015



Public Tours
Saturday, August 15, 2015



Executive Planning Session
DATE TDA

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