

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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U.S. Department of Energy



**Portsmouth Site Specific Advisory Board
January 10, 2013**

Agenda

- ▶ Plant Updates
- ▶ Regulatory Progress
- ▶ Public Outreach
- ▶ Planning for the Future
- ▶ Upcoming Events





Support Building D&D – Square Feet of Structures Removed



X-100-132,112 sq ft



X-101B- 800 sq ft



X-344B- 6,025 sq ft



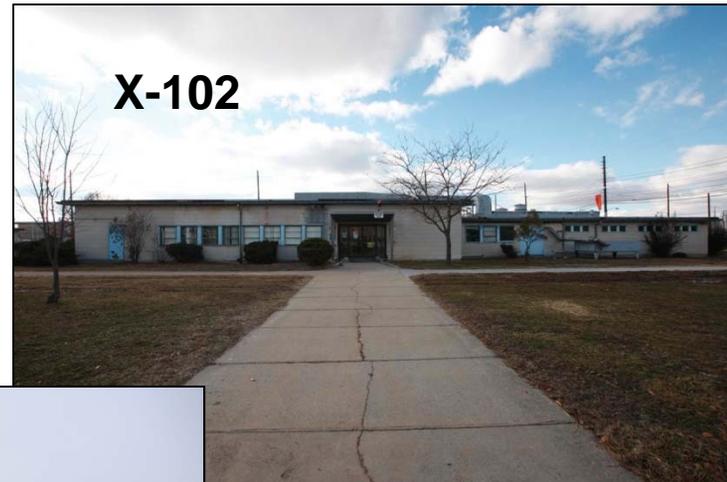
X-101- 10,315 sq ft



X-630 -10,249 sq ft



Support Building D&D/Structures to be Removed





Waste Management/ Barter Transfer Project

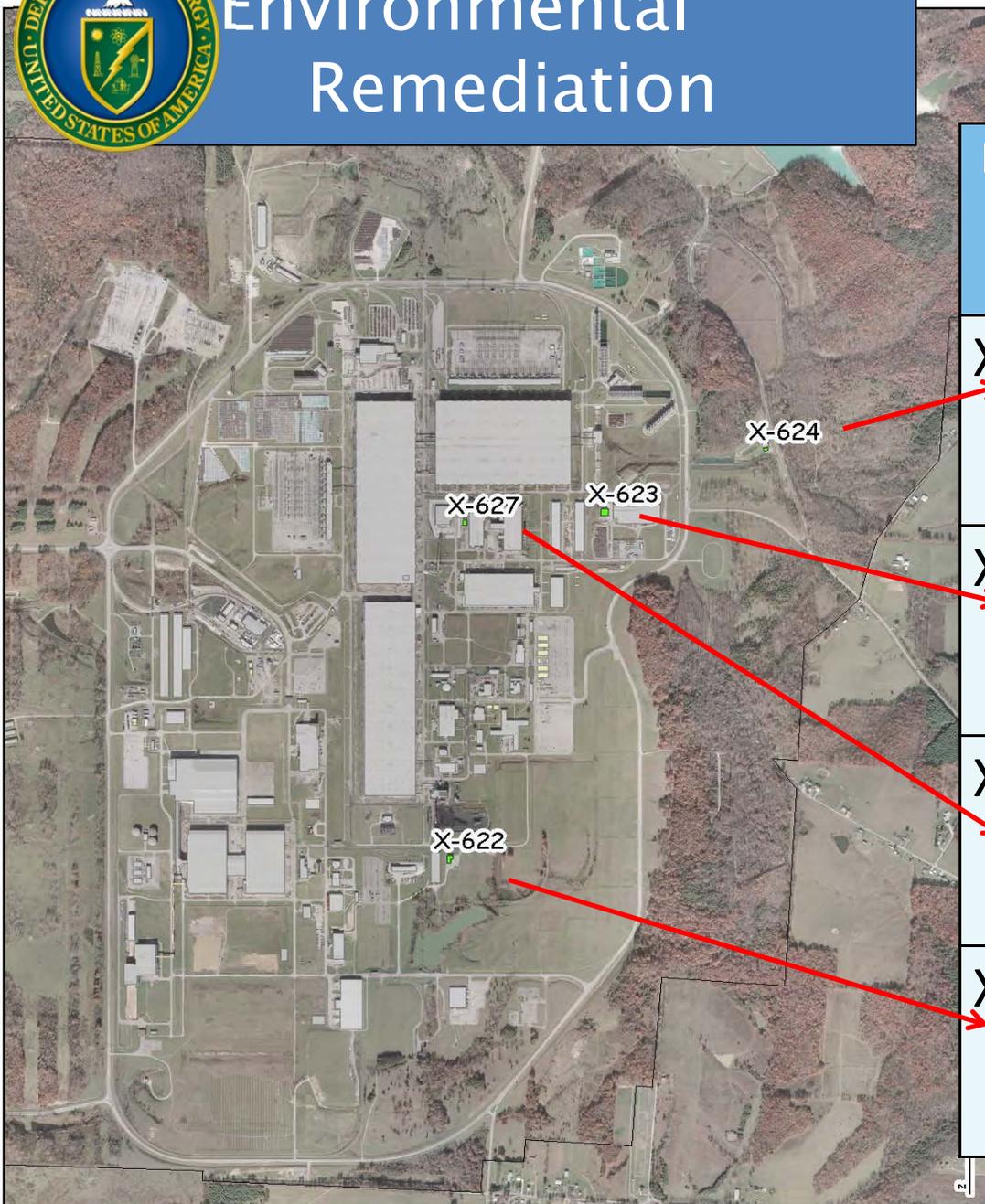


Waste Management/ Barter Transfer Project





Environmental Remediation



| Building | Groundwater Treated | TCE Removed |
|----------|---------------------|-------------|
| X-624 | 300,000 gallons | 4.6 lbs |
| X-623 | 4,000 gallons | 0 |
| X-627 | 1.6 million gallons | 34.6 lbs |
| X-622 | 1.7 million gallons | 2.5 lbs |

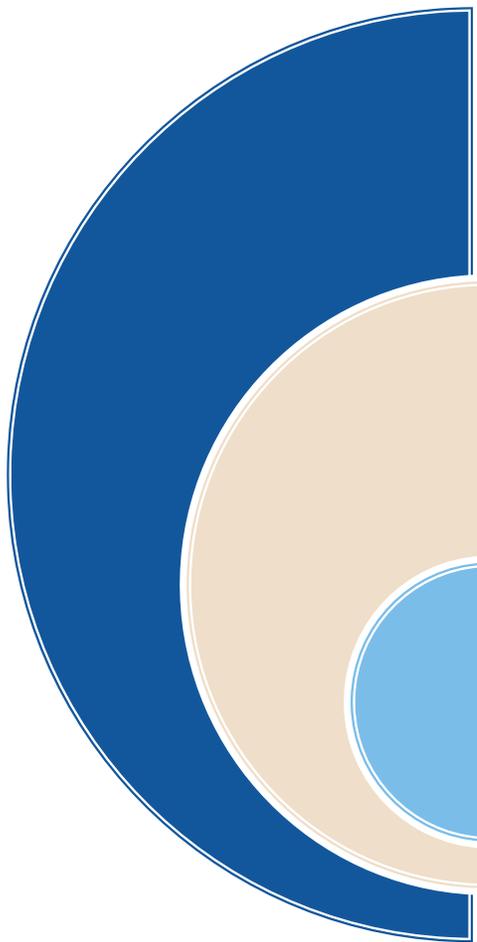


DUF6 Conversion Plant





Regulatory Progress: Submittals to Ohio EPA since October 1, 2012



The 2012 DFF&O Milestone Update letter (Section 20a) was submitted to Ohio EPA on 10/02/12.

The Quarterly Progress Report for the 3rd Quarter 2012 for the DFF&O was submitted to Ohio EPA on 10/15/12.

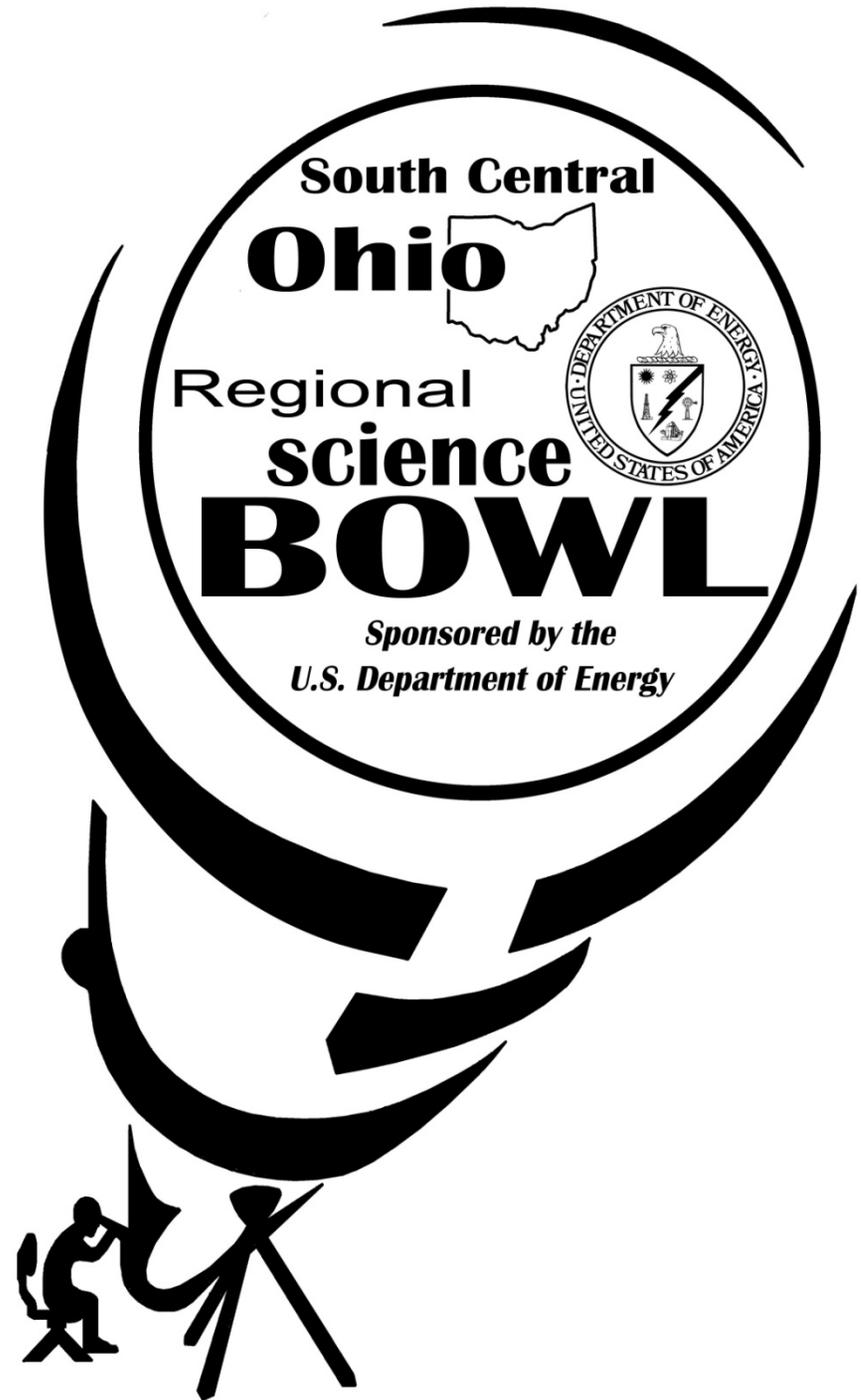
The Preliminary Soil Background Study Sampling and Analysis Report, D1 R2, was submitted to Ohio EPA on 11/30/12.



Public Outreach

Competing Schools:

Portsmouth West HS
Waverly HS
Lucasville Valley HS
Jackson HS
Paint Valley HS
Western HS
Northwest HS
Sciotoville Community HS
Minford HS
Glenwood HS
Zane Trace HS





Public Outreach

Sample Science Bowl Questions:

1. **BIOLOGY** *Short Answer* What is the biological term most often used for the act of a cell engulfing a particle by extending its pseudopodia (read as: SU-doe-POH-dee-ah) around the particle?
2. **CHEMISTRY** *Short Answer* How many sigma and pi bonds, respectively, are there in a molecule with the following formula: [read slowly]
 $\text{CH}_3\text{CHCHCH}_2\text{CH}_3$
3. **PHYSICS** *Short Answer* Until the Large Hadron Collider came on-line at CERN, what accelerator was generally believed to be the only one energetic enough to produce top quarks?
4. **MATH** *Short Answer* Find the following indefinite integral: $\int x e^x dx$ (read as: the integral of x times e to the x power, dx)



Public Outreach

The DOE public Site tours are planned to resume in March 2013.

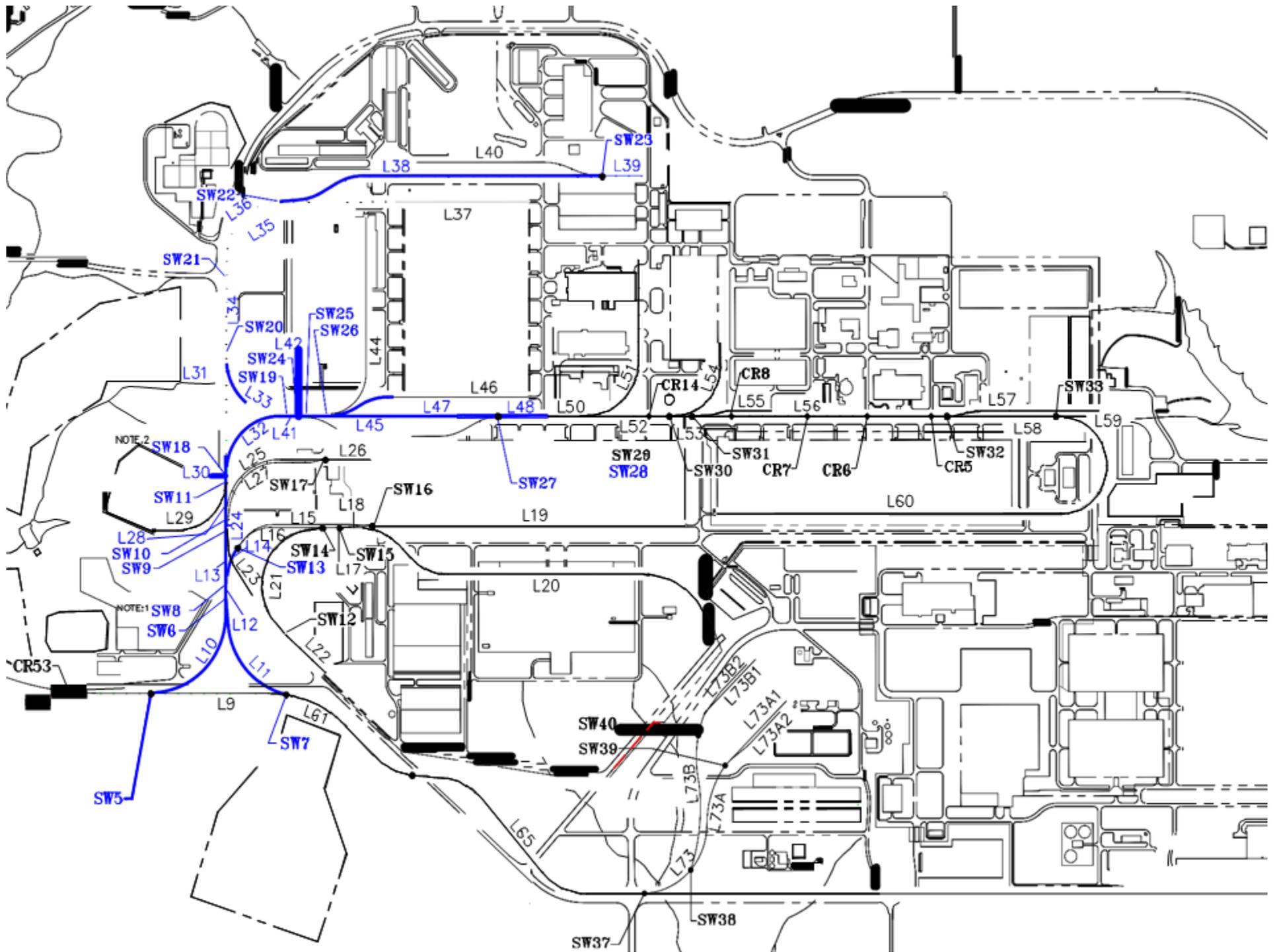
The first one is scheduled for Saturday, March 9.

There are 49 names on the waiting list.



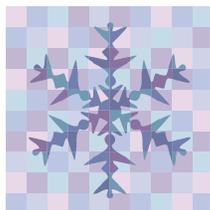


Planning for the Future/Utilities Optimization

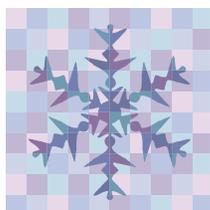




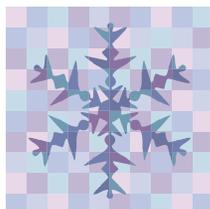
Upcoming Events



SSAB Full Board Meeting
Thursday, March 7



Inaugural Science Bowl
Friday, March 8
Shawnee State University



Site Public Tour
Saturday, March 9

**MARK YOUR
CALENDAR!**

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