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Advisory Board

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**D&D/REMEDATION SUBCOMMITTEE**

**TUESDAY, JANUARY 13, 2015 @ 4:00 P.M.**

**THE PURPOSE OF THIS MEETING IS TO PROVIDE TO THE SSAB SUBCOMMITTEE AN**

**X-740 PLUME CHARACTERIZATION**

**AGENDA**

- X-740 PLUME CHARACTERIZATION – KEN DEWEY, FBP
- MISCELLANEOUS

ADJOURN



## **D&D/REMEDIATION SUBCOMMITTEE**

MEETING SUMMARY

JANUARY 13, 2015 • 4:00 P.M.

THE OHIO STATE UNIVERSITY ENDEAVOR CENTER  
1862 SHYVILLE ROAD, PIKETON, OH 45661

**SSAB Subcommittee Members Present:** Dan Minter, vice chair; Al Don Cisco, Adrian Harrison

**SSAB Subcommittee Members Absent:** Martha Cosby, chair; Shirley Bandy, Carol Caudill, Brian Huber

**Other SSAB Members Present:** Bob Berry, Stan Craft, Carl Hartley, Cristy Renner

**U.S. Department of Energy (DOE) and contractors:** Joel Bradburne, Greg Simonton, Johnny Reising, DOE; Rick Greene, Joe Moore, Restoration Services, Inc. (RSI); Dennis Carr, Jeff Wagner, Karen Price, Ken Dewey, Fluor-B&W Portsmouth (FBP)

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

**Support Staff:** Julie Galloway, Cindy Lewis, EHI Consultants (EHI)

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

**Minter** opened the meeting:

### **1. X-740 Plume Characterization presented by Ken Dewey, FBP**

- **X-740 Plume Overview**
- **X-740 Plume Characterization**
- **X-740 Plume Soil Volume**
- **X-740 Plume TCE Boundary**
- **X-740 Plume Excavation**
- **Questions?**

**Minter:** What is the source?

Is this the phydoremediation?

**Dewey:** The source area is very small but not defined.

Yes. There are many wells in that area.

What is the next area to be remediated?	701B, 749.
<b>Cisco:</b> Does it move sideways? Is this a plume?	<b>Dewey:</b> Yes it does migrate sideways. Yes, tetrachloroethene is the main source. If it is cleaned up then the other sources will be cleaned up also.
<b>Harrison:</b> How long to clean it up?	<b>Dewey:</b> Plan is for February 2019 – October 2019.

**2. Miscellaneous:** None at this time.

**Minter:** Meeting adjourned

**1. Action Items:** None at this time.



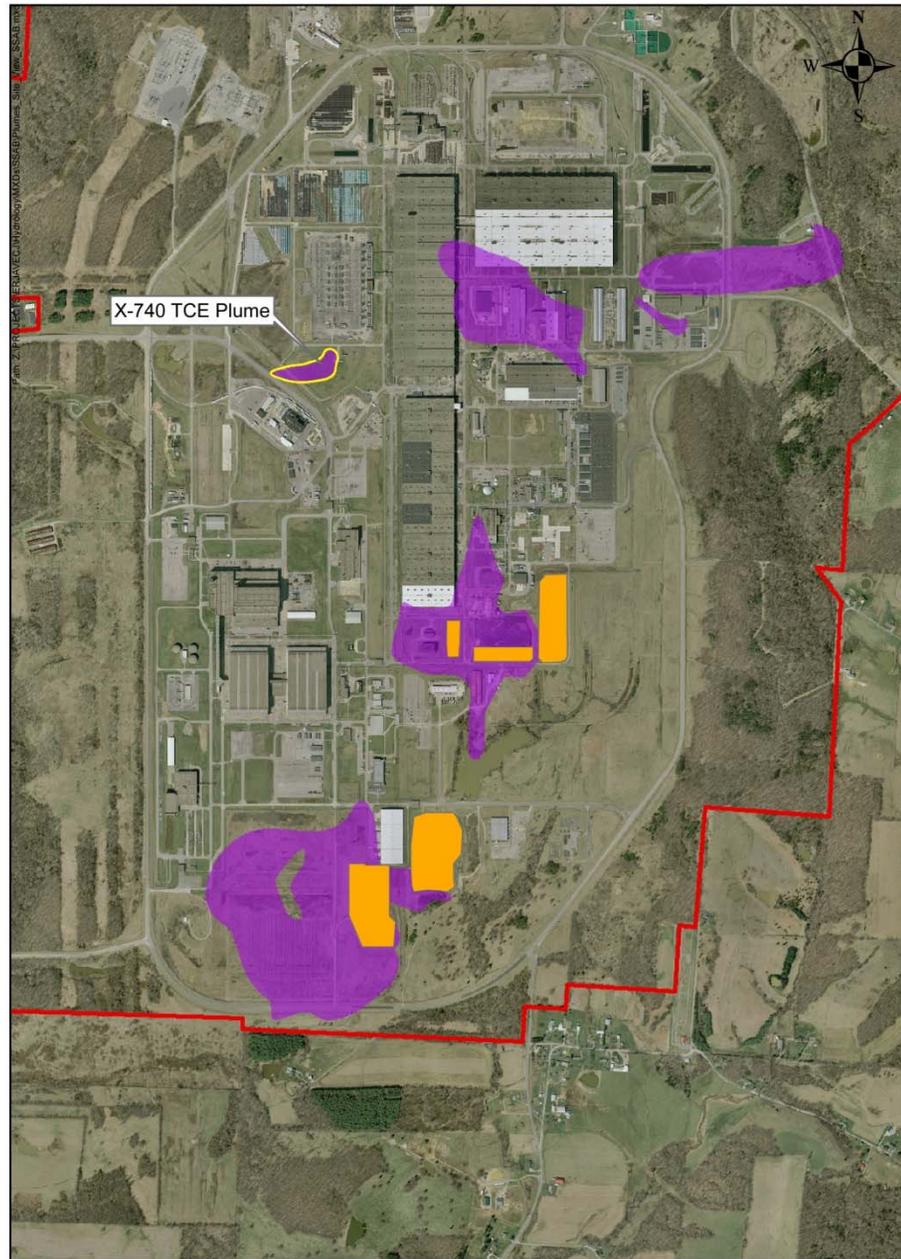
# **X-740 Plume Excavation Overview**

**Ken Dewey**

**Fluor-B&W Portsmouth**

**For Site Specific Advisory Board  
January 13, 2015**

# X-740 Plume Overview



### Legend

- X-740 Plume
- Groundwater Plumes
- Landfills
- DOE Site Boundary

# X-740 Plume Characterization

## Contaminants

**Trichloroethene**

Vinyl Chloride

1,1- Dichloroethene

1,2-Dichloroethane

Cis-1,2-Dichloroethene

Tetrachloroethene





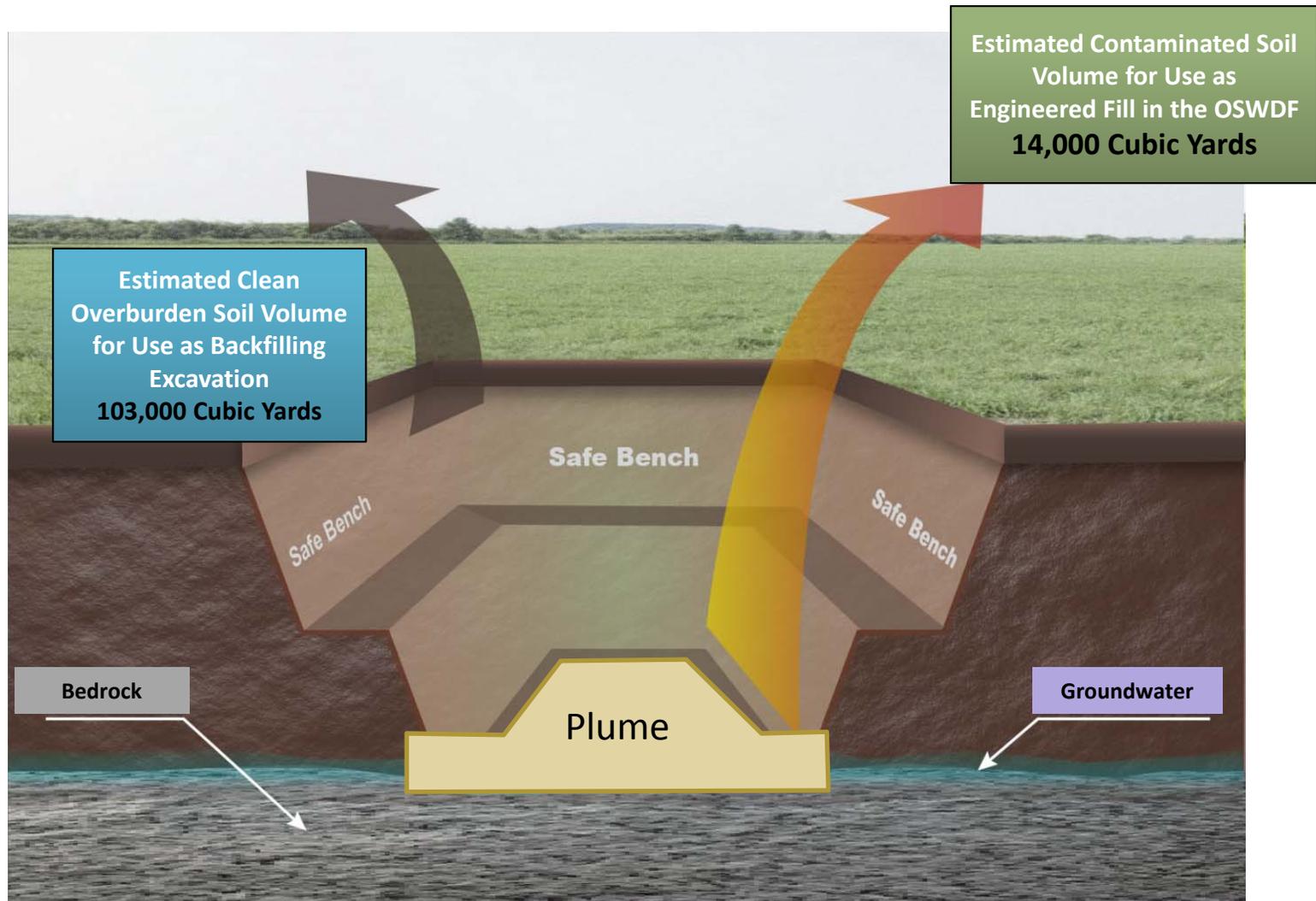
# **X-740 Plume Soil Volume**

- Contaminated soil volume is approximately 14,000 cubic yards**
- This volume of contaminated soil engineered fill is required for initial operation of the OSWDF**

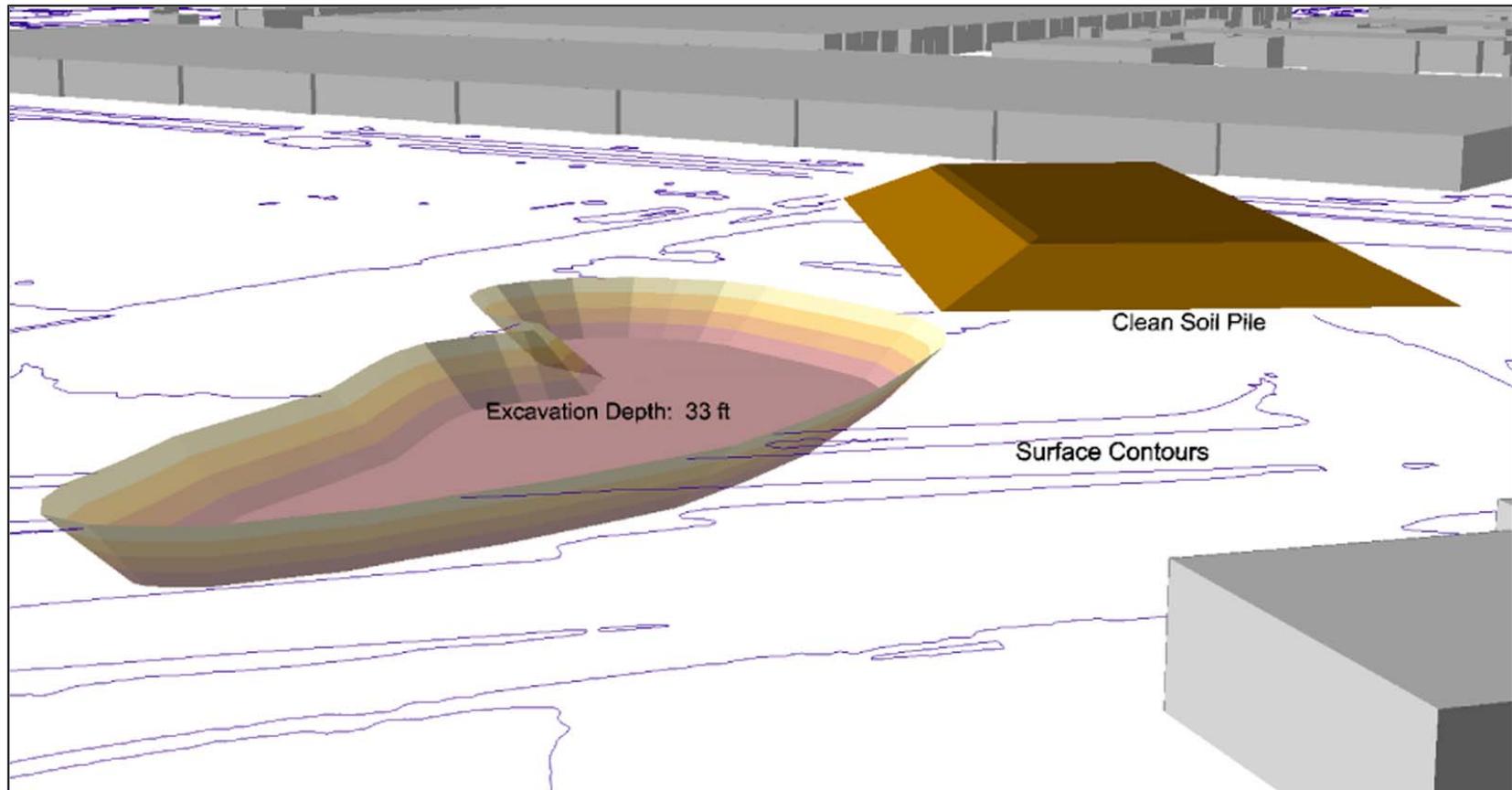
# X-740 Plume TCE Boundary



# X-740 Plume Excavation



# X-740 Plume Excavation





Questions?