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**SITE OPTIMIZATION AND FUTURE LAND USE SUBCOMMITTEE**

**TUESDAY, JANUARY 15, 2013 @ 6:30 P.M.**

**THE PURPOSE OF THIS MEETING IS TO PROVIDE THE SSAB SUBCOMMITTEE WITH AN  
INFRASTRUCTURE UPDATE IN ORDER TO PREPARE THE SUBCOMMITTEE TO CREATE A  
VISION BUILDING RECOMMENDATION**

**AGENDA**

- REVIEW OF THE DECEMBER MEETING
- INFRASTRUCTURE UPDATES – JEFF STONE, FBP
- DISCUSSION

ADJOURN



## **SITE OPTIMIZATION AND FUTURE LAND USE SUBCOMMITTEE**

MEETING SUMMARY

JANUARY 15, 2013 • 6:30 P.M.

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

**Subcommittee Members Present:** Brian Huber, subcommittee chair; Brandon Wooldridge, subcommittee vice chair; Al Don Cisco, Ervin Craft, Frank Halstead, Sharon Manson, Michael Payton

**SSAB Subcommittee Members Absent:** Dan Minter, Michael Payton, Kathy Zimmerman-Woodburn

**Other SSAB Members Present:** Shirley Bandy, Carl Hartley, Will Henderson, Board Chair

**U.S. Department of Energy (DOE) and contractors:** Johnny Reising, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Karen Price, Pete Mingus, Jeff Stone, Fluor-B&W Portsmouth (FBP)

**Liaisons:** None

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

**Public:** Steve Shepherd, Southern Ohio Diversification Initiative (SODI)

**Huber** opened the meeting:

### **1. Review of the November Meeting**

### **2. Infrastructure Updates - Jeff Stone, FBP**

#### **X-608A Well Field Turnover to the Village of Piketon**

- X-608A Facility Water Line Bypass Project
- Typical X-608 Well with Vent Extension
- Project Roles/Responsibilities
- Project Scope of Work
- Location 1-X-608A/X-608B Well Field Isolation
- Location 2 – Pump House Isolation
- Challenges
- Schedule

### Pike County Sewer Line Tie-in to X-6619 Sewage Treatment Plant

- Project Roles/Responsibilities
- Project Status
- Opportunities for the Community
- Questions?

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Cisco:</b> Is this where all the water for the site comes from? I thought DOE had an aquifer.	<b>Stone:</b> These wells are drilled down under the aquifer. These wells do not touch the river water at all.
<b>Henderson:</b> What is the life expectancy of these well systems?	<b>Stone:</b> I do not know the life expectancy of the wells. I will have to get back to you.
<b>Halstead:</b> Is there good documentation of the repairs that have been made to the wells?	<b>Stone:</b> There have not been many repairs made.

### 3. Discussion

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Huber:</b> Does the subcommittee have time to go over the vision building questions that was e-mailed?	
<b>Henderson:</b> Which two or three questions do you consider the most important for the subcommittee to work on?	
<b>Huber:</b> Consolidation of the current landfills inside perimeter road. Should the subcommittee come up with a recommendation for clean up and consolidating the landfills?  If an on-site waste cell is built, DOE said the dirt from the landfills could be used for fill.  I have been told that inquiring about DOE's intentions for funding the American Centrifuge Plant (ACP) might not be in the subcommittees scope of work. However, I feel that it is important for the subcommittee to know what might or might not be on the site to plan a future vision.	<b>Henderson:</b> I think the subcommittee should make a recommendation for cleaning and consolidating the landfills.  <b>Halstead:</b> If the plumes and landfills are not cleaned up, the site cannot be an industrial site.  <b>Roberts:</b> The subcommittee could make a statement. However, I am not sure anyone knows the answer right now.
<b>Shepherd:</b> SODI was working with two solar energy companies that were interested in coming here. Then the state quit helping with the cost and the companies left.	

**Huber:** Meeting adjourned

**Next meeting: February 12, 2013 6:30 p.m.**

**Action Items:**

- EHI will schedule time for the subcommittee to go over the Vision Building questions
- EHI to check with FBP (J.D.'s team) on the life expectancy of the water wells

# **X-608A Well Field Turnover to the Village of Piketon**

**Status Briefing  
January 15, 2013**

# **X-608A Facility Water Line Bypass Project**

## **X-608A Well Field Consists of Four Production Wells and Pipeline Header:**

- One Active Well, Three Inactive Wells
  - 1000 GPM of raw water production
  - 100 HP Submersible Motor
  - Well depth: Approximately 80 Feet
- 4500 linear feet of 18”-diameter, cast iron piping

# Typical X-608 Well with Vent Extension



01/15/2013

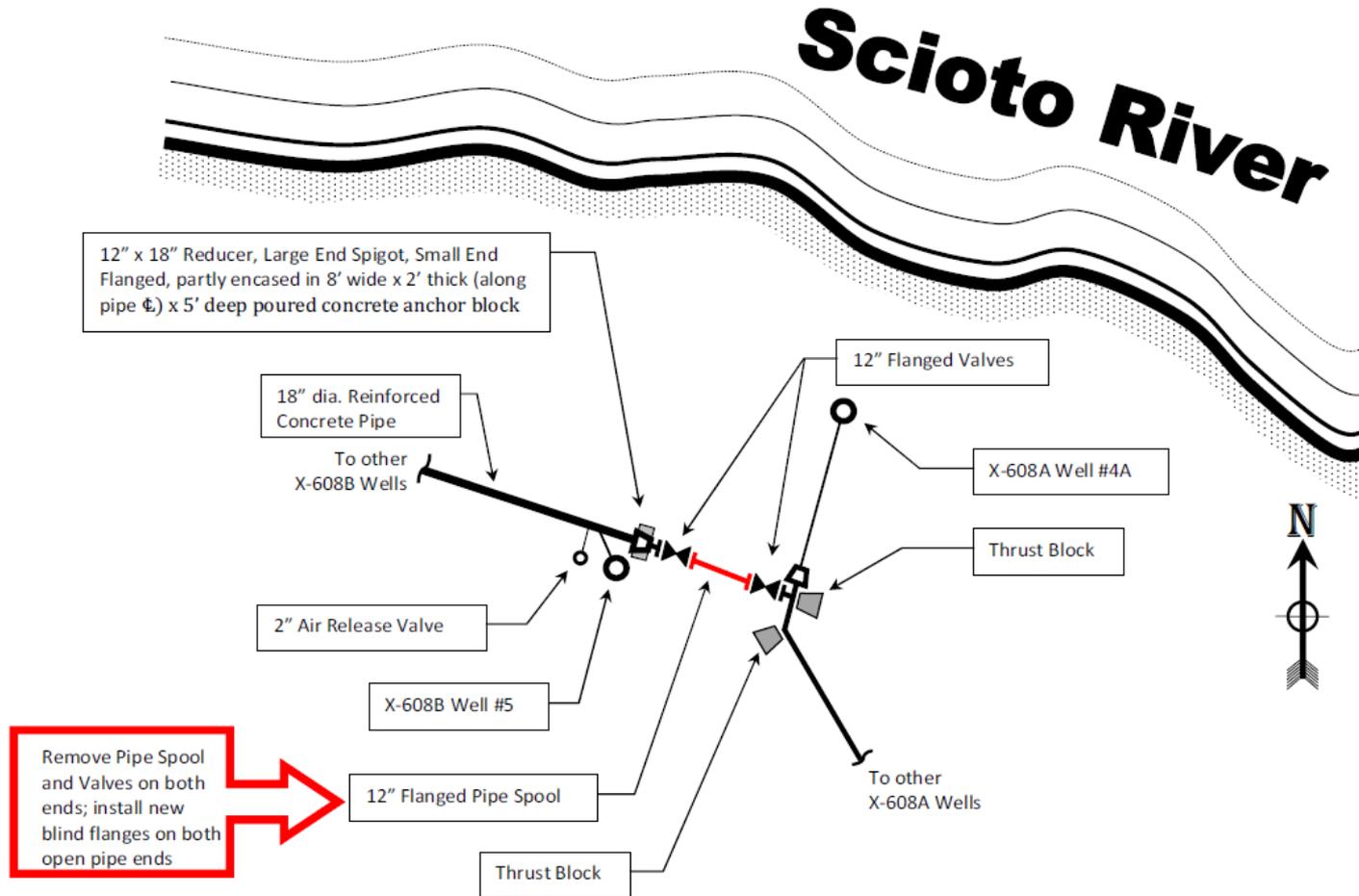
# Project Roles/Responsibilities

- **DOE /RSI/WEMs**
  - Administrative  
(e.g., Excess Property Process, Easement, Site Boundary Description Updates, etc.)
  - Regulatory Notifications
- **FBP**
  - Physical Isolation of X-608A Well Field
  - Installation of Bypass Piping - Isolate the X-608 Pump House
  - Coordination of Outage with Raw Water System Users

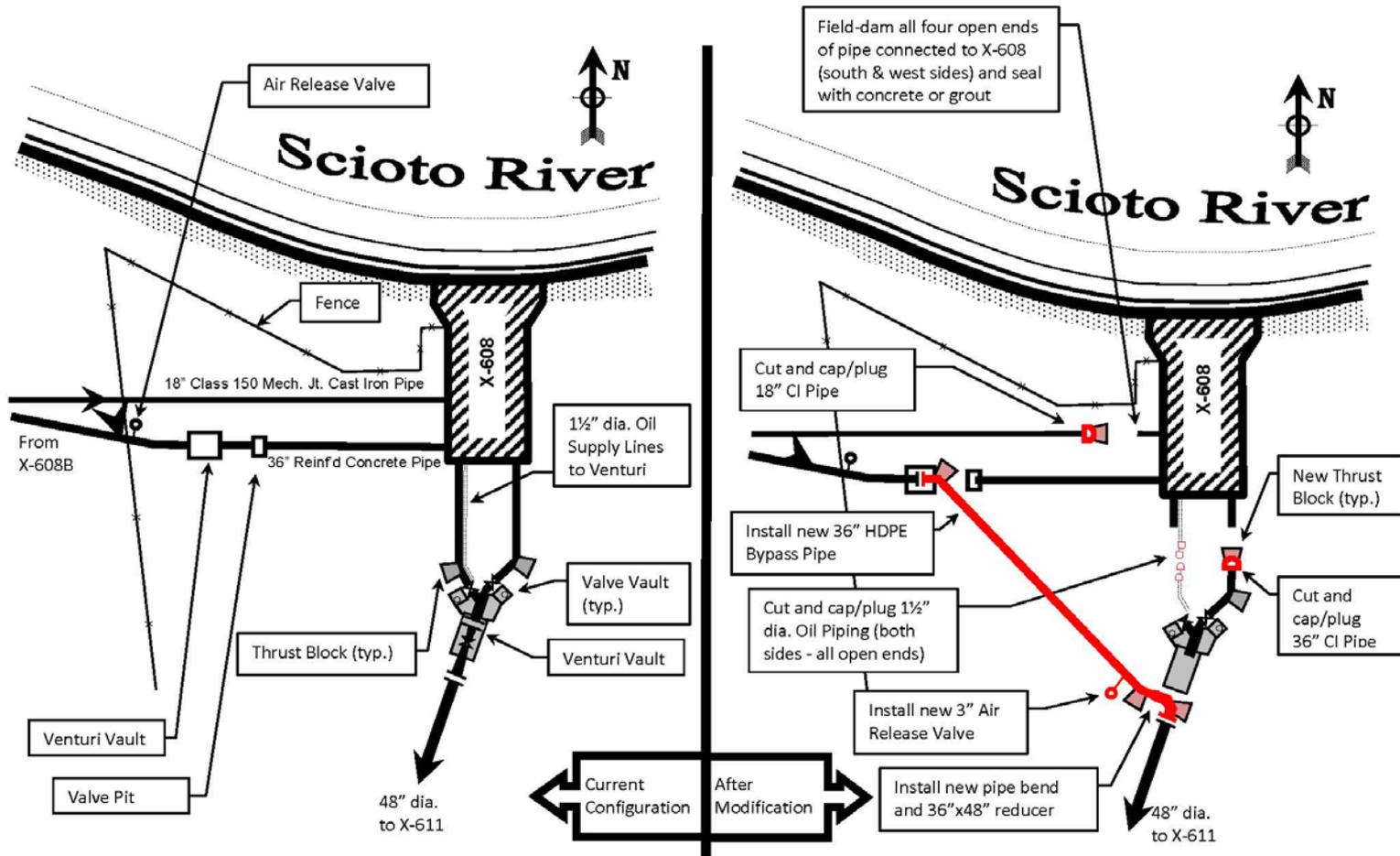
# Project Scope of Work

- **Two Isolation Points:**
- **Location 1 – Well Field X-608A /X-608B Isolation**
- **Location 2 – X-608 Pump House**

# Location 1-X-608A / X-608B Well Field Isolation



# Location 2 – Pump House Isolation



01/15/2013

## Challenges

- **60-year old Documentation**
  - Uncertainty of Materials of Construction and Configuration
  - Underground Utilities and Obstructions
- **Exploratory Excavations**
  - Required to Confirm As-built Conditions
- **Procurement of Long Lead Materials**
- **Coordination of X-230F Raw Water Supply Outage**
- **Endeavour Center Aquaculture Program**
- **Weather, Scioto River flooding**

## Schedule

- **Kickoff Project** **December 2012**
- **FBP Complete Design** **January 2013**
- **FBP Complete Procurement** **March 2013**
- **FBP Mobilize Contractor** **April 2013**
- **FBP Complete Isolations** **June 2013**
- **DOE Turnover to Village of  
Piketon** **July 2013**

# **Pike County Sewer Line Tie-in to X-6619 Sewage Treatment Plant**

**Status Briefing  
January 15, 2013**

# Project Roles/Responsibilities

- **Pike County**
  - Engineering / Procurement/ Construction
  - Contractor Installs Sanitary Sewer Header to X-6619 Sewage Treatment Facility
  - Regulatory Notifications
- **FBP**
  - Provides PORTS Interface Support to Pike County
  - Performs Tie-in of new Header to X-6619
  - Coordinates Permits, Safety Analysis, As-built Drawings
  - Emergency Support

## **Project Status**

- **FBP is Ready to Support Pike County**
- **FBP Project Support Team is identified**
- **FBP Awaits Final Construction Documentation from Pike County to finalize FBP Support Documents:**
  - FBP Work Plan for Sewer Line Tie-in to X-6619
  - Excavation / Penetration Permits
  - Schedule of Support

## Opportunities for the Community

- X-608A Well Field will expand Village of Piketon capacity for future growth
- New Sewer Line expands Pike County capacity for future growth

# Questions ?