

# Air Force Civil Engineer Center

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## Wurtsmith Restoration Advisory Board Meeting

6 June 2018  
Matt Marrs  
AFCEC/CIB



# Wurtsmith RAB

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**Welcome**



# Wurtsmith RAB Agenda



## WELCOME

- Introductions
- Ground rules

## UPDATES

- Stakeholder updates

## PRESENTATIONS

- AF & MDEQ: Using/sharing data:
- AF: SSI work plan review
- GAC Treatment System update
- MDHHS: Fish containment monitoring program

## RAB BUSINESS

- 18 April Meeting Minutes
- Action Items
- Next RAB meeting

## PUBLIC COMMENT

- Three-minute limit or written comments



# Wurtsmith RAB Ground Rules



**01**

Respect one another and maintain an atmosphere of open dialogue and exchange of ideas.

**02**

Use our time together efficiently, wisely and respectfully.

**03**

Speak clearly and succinctly one person at a time; avoid interrupting others.

**04**

Listen and remain open to differing points of view.

**05**

Maintain a propensity for progress: prepare, discuss, document and move forward.

**06**

Share information early, openly and honestly

**07**

Accurately and objectively relay to others the discussions that occur at board meetings.



# Wurtsmith RAB

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## Updates



# Wurtsmith RAB Stakeholder Updates



- Residential well sampling updates
  - Update from PFAS summit
  - Foam, field efforts
- 
- DW Monitoring Program – sampling status
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- New hangar construction projects and related EIS (*slide 8*)
  - USAF recently conducted core sampling for PFAS on airport grounds. Results & findings available when?



# Wurtsmith RAB Stakeholder Updates



DHD2



- Resampling of private residential wells in the Colbath neighborhood and across from the school
- Status on foam evaluation



Community  
RAB Members

- Delayed MDEQ PFAS plume "modeling" report will be released when? Impacts on health & remediation decisions?





# Wurtsmith RAB OWAA Update



OWAA BRG - Full  
Application







# Wurtsmith RAB

## Data use

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**The Air Force uses approved, controlled methods to gather data:**



- **MDEQ data is reviewed and evaluated as screening data for guiding AF work.**
- **The vast majority of MDEQ data has been gathered in AF wells simultaneous with AF sampling, so the AF already has data for a majority of the same locations.**

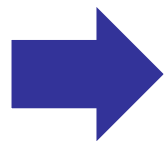


# Wurtsmith RAB SSI Work Plan Review



**Following CERCLA Process:  
Focus is protecting drinking water**

**Site Inspection (SI):** Determine release and identify drinking water receptors; sample drinking water wells and mitigate if above HA.



**Supplemental SI (SSI):** Delineate drinking water exposure pathway; evaluate need for additional mitigation.



# **Wurtsmith RAB SSI Work Plan Review**



## **Additional SSI objectives Areas 5, 4 and 6**

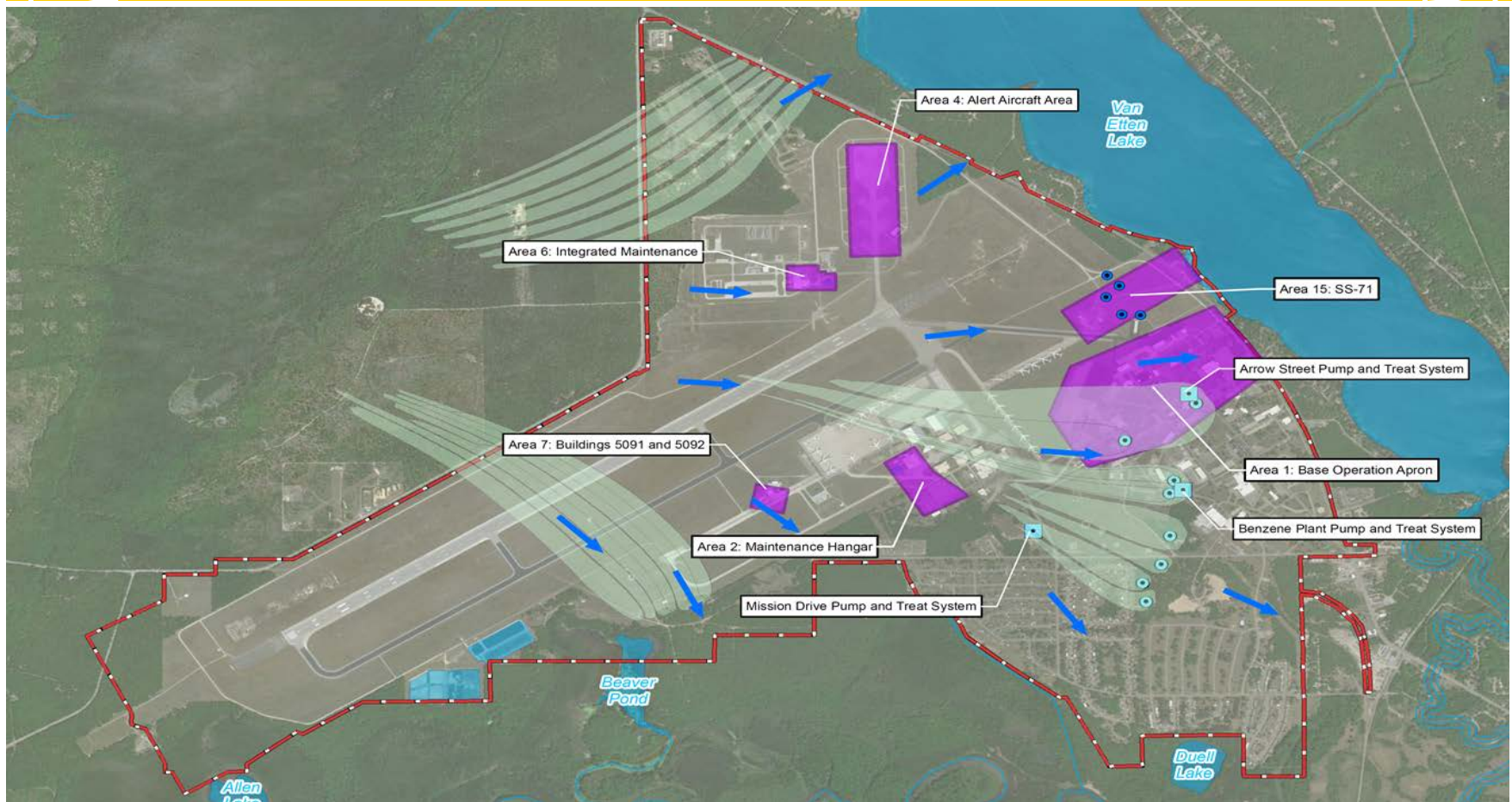
- **Presented initial SSI objectives during April 18, 2018, RAB Meeting (Areas 2, 7, 1, 15)**
- **AF will conduct hydrogeological investigation, HPT throughout the SSI at Areas 1, 2, 4, 6, and 15**
- **AF began field work for Areas 1, 2 and 15 week of 21 May**

## **SSI Objectives**

- **Protect DW receptors and investigate DW pathway**
- **Identify mitigation needed to protect DW and what will be utilized to initiate restoration activities**

# Wurtsmith RAB SSI Work Plan Review

**Continue to protect drinking water receptors  
through further SSI sampling:**







# Wurtsmith RAB SSI Work Plan Review



**Continue to protect drinking water receptors  
through further SSI sampling:**

## Areas 4 & 6

- Evaluate the down-gradient extent of contamination (4 locations)
- Collect additional hydrogeologic data to better understand aquifer characteristics and GW flow, update GW Model
- Assess quarterly sampling for seasonal variations following initial sampling





# Wurtsmith RAB SSI Work Plan Review



**Continue to protect drinking water receptors  
through further SSI sampling:**

## Area 5

- Review existing DRMO VAS and MW data to ensure plume adequately characterized and/or outline follow-up actions
- Assess need to resample four existing MW at DRMO





# Wurtsmith RAB Quarterly Sampling Update



- ✓ **Advertised sampling event in local papers**
- ✓ **Contacted residents to arrange sampling week of May 14**
- ✓ **Implemented sampling week of May 29**
- ❑ **Expect completion of sampling by June 15**







# Wurtsmith RAB GAC PTS Update



## Arrow Street/Benzene GAC Pump and Treat System

April-May 2018





# Wurtsmith RAB GAC PTS Update



**Under Slab Piping  
Installation  
3 May 2018**



**Rebar Placement  
23 May 2018**



# Wurtsmith RAB GAC PTS Update

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## Project Delays/Issues

- **Work stoppage due to Access Easements for Piping Installation**
- **Township Approval of Manhole Construction on the Storm Water Line**



# Wurtsmith RAB MDHHS Update

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## MDHHS: FISH CONTAMINANT MONITORING PROGRAM



## RAB Business



# Wurtsmith RAB

## RAB Business



- **Action Item Review**
- **Wurtsmith Project and RAB Documents**

Document	
Draft SSI Work Plan Addendum	IR
18 April Meeting Minutes	IR
6 June RAB Packet	IR
Private & Public Water Supply Drinking Water Well Monitoring Work Plan	AR -#572675

- **Next RAB Meeting**
- **Meeting evaluation cards**



## Public Comment





## Public Comment Period

- 01** Sign in and write your name on a card
- 02** Deliver your comments from the front of the room
- 03** Three minute time limit
- 04** RAB members will confer after your comment to see if a follow-up action is needed



## Conclusion & Adjournment

