

Air Force Civil Engineer Center



Wurtsmith Restoration Advisory Board Meeting

6 June 2018
Matt Marrs
AFCEC/CIB



Wurtsmith RAB



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.



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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

- 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





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Data use



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.**

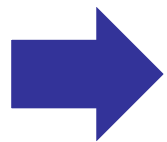


Wurtsmith RAB SSI Work Plan Review



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

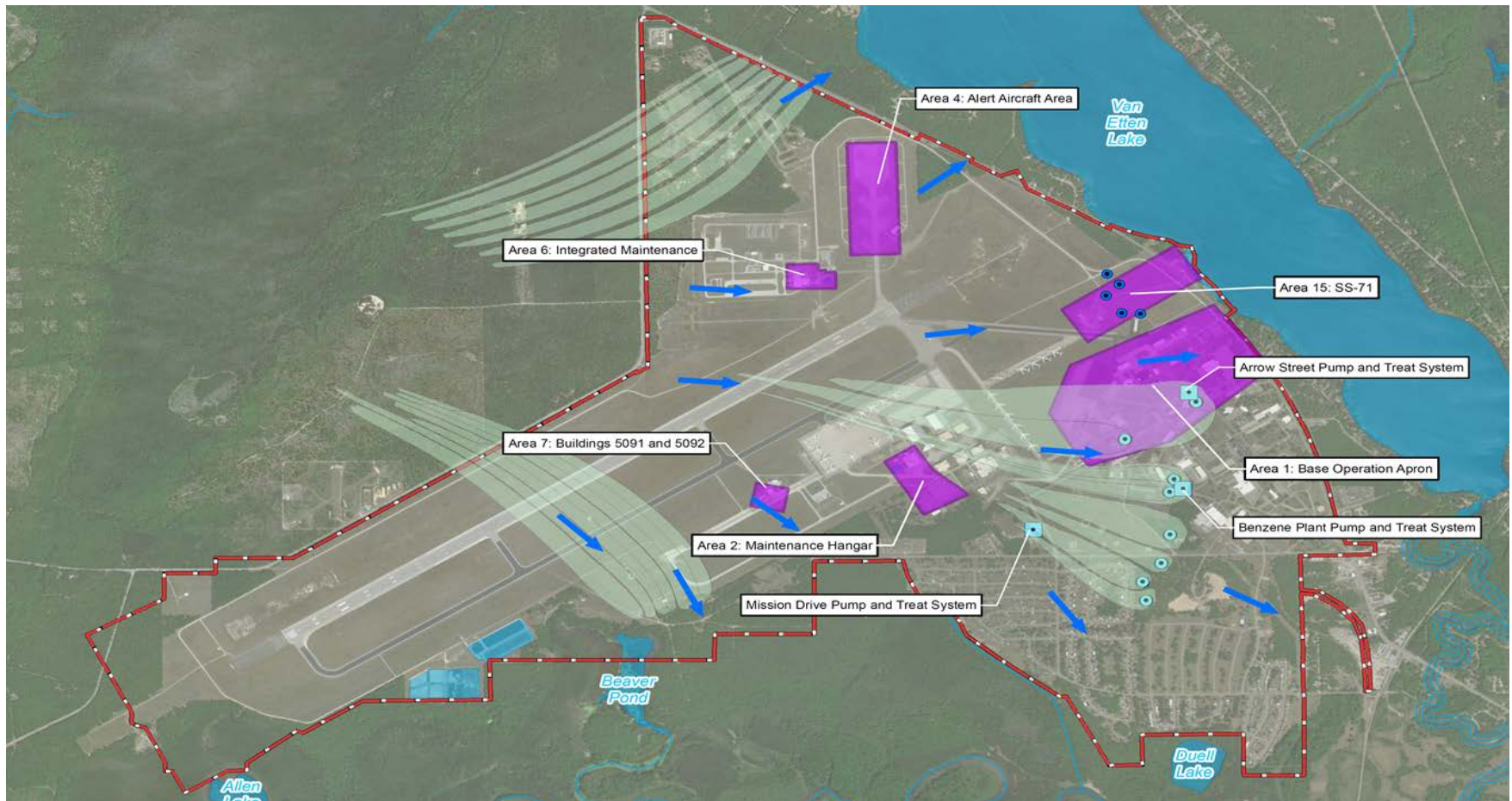
- Presented initial SSI objectives during April 18, 2018, RAB Meeting (Areas 2, 7, 1, 15)
- AF will conduct hydrogeological investigation, HPT throughout the SSI at Areas 1, 2, 4, 6, and 15
- AF began field work for Areas 1, 2 and 15 week of 21 May

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:



**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



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



MDHHS: FISH CONTAINMENT MONITORING PROGRAM



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RAB Business



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- **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**



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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

