

# Summary of Actions at WPAFB to address PFAS contamination

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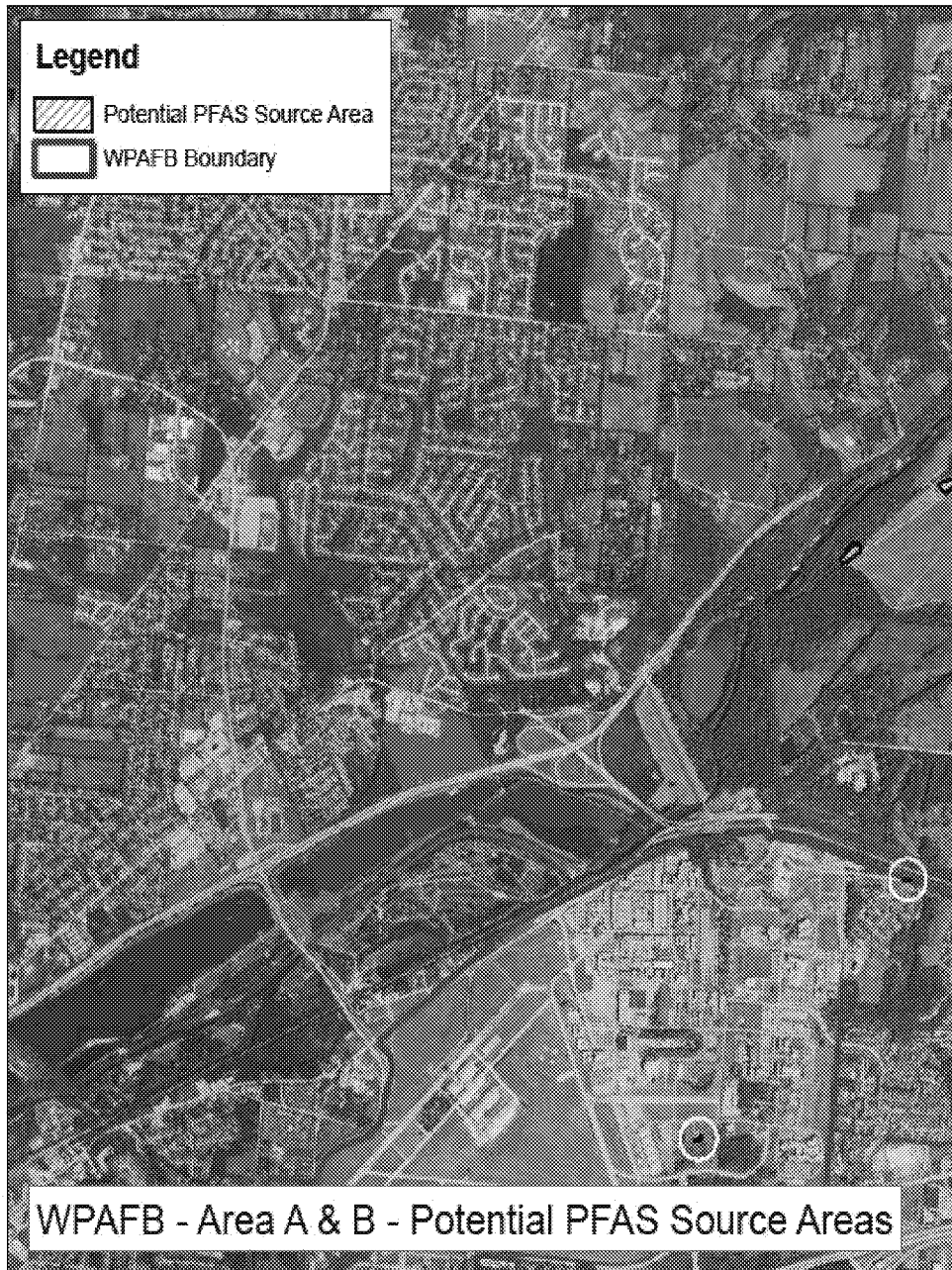
# Initial Response:

- Through UCMR sampling, WPAFB detects PFOS in distribution samples collected from their drinking water system
- Based on info – Ohio EPA then recommended WPAFB collect samples to determine which water supply wells were impacted
- Air Force also decided to move up site investigation from beginning of 2017 to late spring 2016

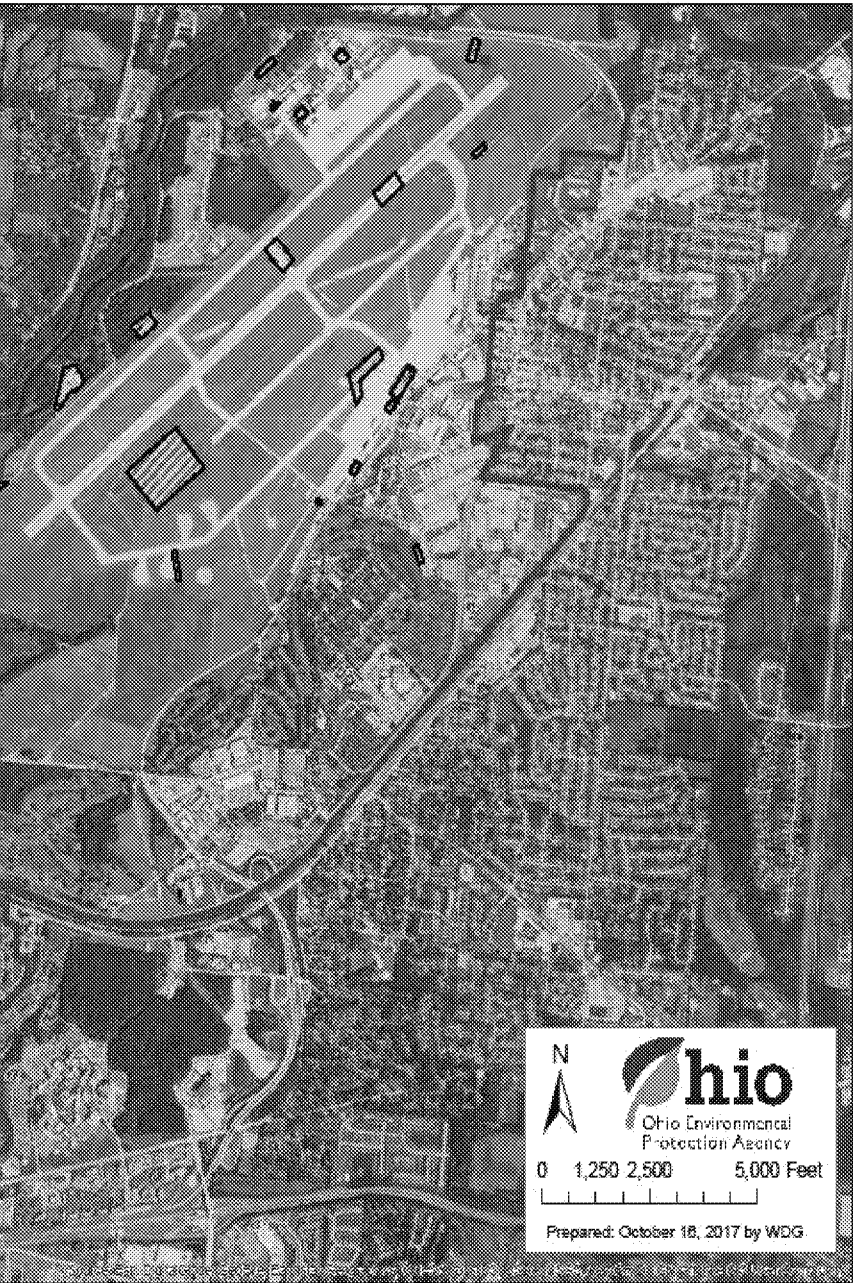


## Legend

-  Potential PFAS Source Area
-  WPAFB Boundary



WPAFB - Area A & B - Potential PFAS Source Areas



# Initial response continued

- US EPA issues new health advisory – and PFOS results from entry points and another production well are above this level
- Ohio EPA requests WPAFB take this well offline and provide bottled water to sensitive populations
- When WPAFB does not comply, Ohio EPA issues Emergency Orders



# Actions to Protect Unimpacted wells:

- WPAFB, Ohio EPA, and US EPA developed a sentinel well network that would be sampled quarterly
- Three sampling rounds have been completed
- Surface water and sediment samples have also been collected



# WPAFB & Dayton PFAS Results - Aug/Sept 2017 PFAS Ground Water Results - Huffman Dam Wellfield

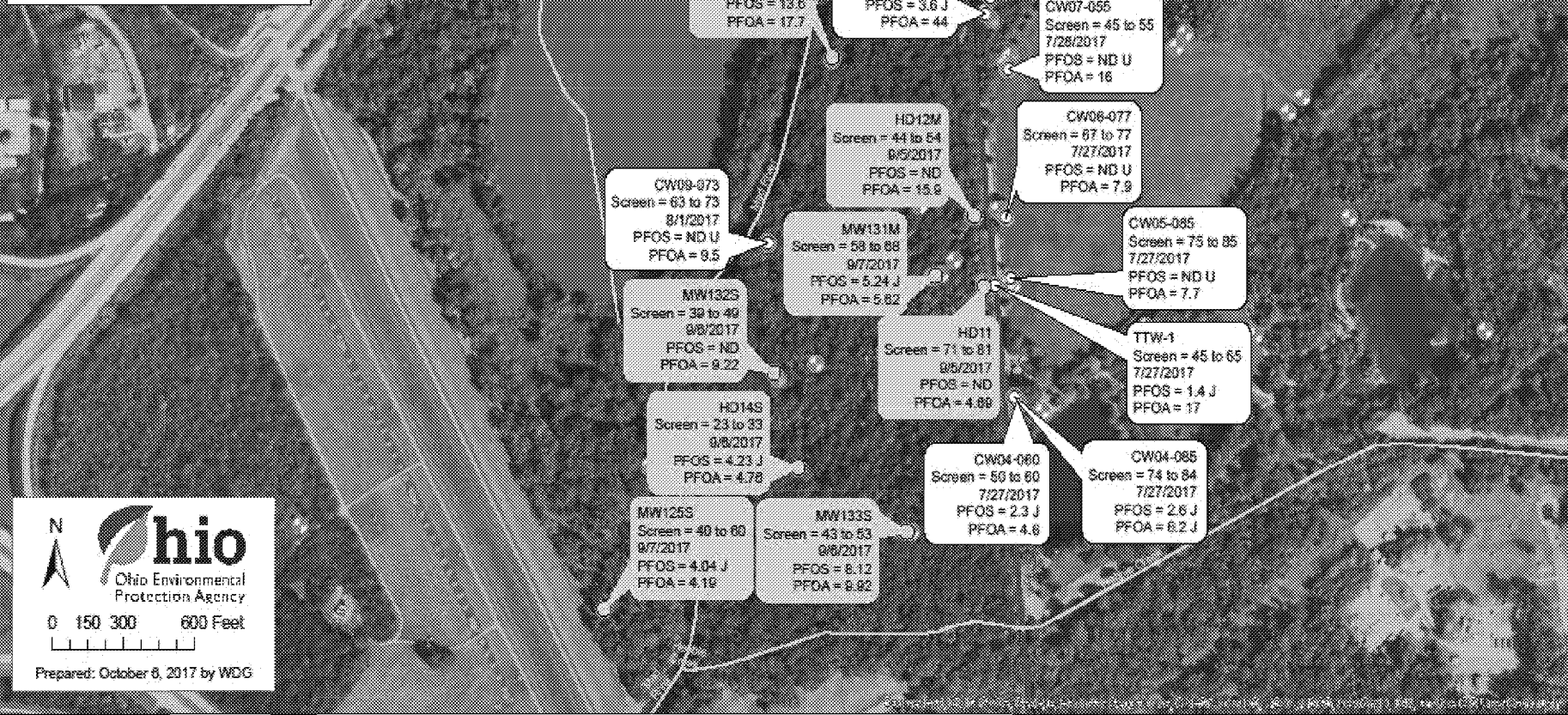
## Legend

- Dayton PFAS Result - Sept 2017 (ppt)
- WPAFB PFAS Result - Aug 2017 (ppt)

----- Stream and River Flowlines

## Sampling Location Type

- LTM Monitoring Well
- Monitoring Well
- PFAS Monitoring Well
- WPAFB Boundary



Ohio Environmental Protection Agency

0 150 300 600 Feet

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# Next Challenges:

- Air Force is hesitant to begin remedial investigation to determine nature and extent
- Dayton has temporarily limited pumping of Huffman Dam production wells
- Dayton also wants the Air Force to take actions to prevent further migration of PFAS

