

# **Horsham Area Water Quality Health Experts Panel August 29, 2016**

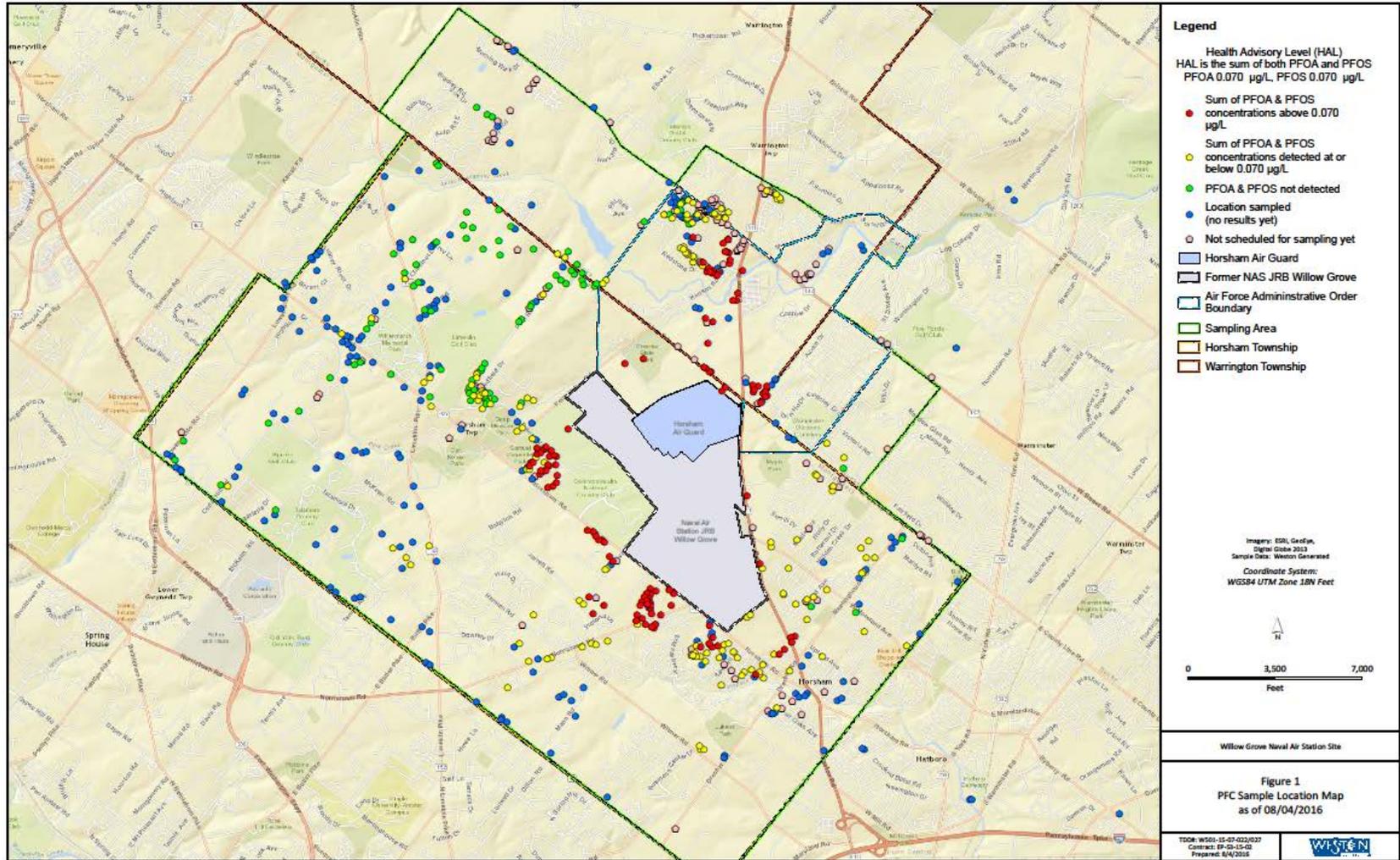


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- In October 2015, Air National Guard entered into Cooperative Agreements with Horsham, Warrington, and Warminster Townships to:
  - Connect residents within our area of responsibility with Perfluorinated Compound (PFC) impacted drinking water wells above the Health Advisory to municipal water and abandon the impacted private wells
  - Installation and maintenance of carbon filters on three Warrington Township wells
- Cooperative Agreement with Warrington Township will be expanded this year to:
  - Address carbon filtration for two more municipal wells taken off line due to lowering the Health Advisory to 70 parts per trillion
  - Install municipal water system interconnections with North Wales Water Authority to ensure Warrington Township has adequate access to water until carbon filtration is installed

- Interagency Agreement in place with EPA to continue providing PFC testing of private drinking water wells and supplying bottled water to customers with Perfluorinated Compounds at or above the lifetime health advisory level (HAL) for residents within our area of responsibility in Horsham, Warminster, and Warrington Townships
- The number of private wells sampled by ANG are:
  - Horsham Township: four, all are above HAL; three have been connected to municipal water
  - Warrington Township: 101, 32 are above HAL; four have been connected to municipal water
  - Warminster Township: 13, six are above HAL; two have been connected to municipal water

# AIR NATIONAL GUARD Map of Private Wells Sampled



- PFC containing fire fighting foam has not been used on Horsham AGS since September 2010
- In 2015, ANG completed a Preliminary Assessment of potential PFC release sites at the Horsham AGS
- Eleven potential PFC source areas identified in the Preliminary Assessment include:
  - Buildings that contained foam fire suppression systems
  - Areas that may have received runoff from foam releases
  - Stormwater sediment basin
  - Former waste water treatment plant
  - Former storage area for wastewater treatment sludge



# Horsham AGS PFC Facility Investigation

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- Sampling conducted:
  - Soil and groundwater at potential release sites
  - Groundwater from existing monitoring wells
  - Retention pond water, sediment
  - Outfall to Park Creek
  - Decommissioned foam fire suppression system tanks
- Sample results undergoing regulatory review.

- Additional Information Regarding ANG's PFC Facility Investigation is available for free download from the Air National Guard Administrative Record:  
<http://afcec.publicadmin-record.us.af.mil/Search.aspx>  
select "Air National Guard", then "Horsham AGS", then click Search
- To request private well sampling in the ANG area of responsibility or with general questions you may contact me at: [keith.e.freihofen.civ@mail.mil](mailto:keith.e.freihofen.civ@mail.mil)
- A copy of this presentation will be posted on the Horsham AGS web page: <http://www.111attackwing.ang.af.mil>