HORSHAM LAND REDEVELOPMENT AUTHORITY
PFAS ISSUES CONTINUE TO DELAY THE REDEVELOPMENT OF FORMER NAS-JRB WILLOW GROVE BASE IN HORSHAM
WHILE THE REDEVELOPMENT OF THE FORMER BASE IS ESSENTIAL TO THE ECONOMY OF THE REGION THE NUMBER ONE PRIORITY MUST CONTINUE TO BE THE HEALTH AND SAFETY OF OUR CURRENT AND FUTURE RESIDENTS
Horsham Air Guard Station (210 + acres still active)

NAS-JRB Willow Grove (862 acres of surplus Federal property)

Background:
- BRAC 2005 closed NAS-JRB Willow Grove
- Former Base has been vacant since September 2011 and has created an economic void in the community
- Navy’s ability to transfer property to the HLRA is impacted by:
  - Need to study impacts of PFAS use/releases
  - Lack of a remediation guidelines
  - Unknown impacts of PFAS remediation on the redevelopment plan thus unable to establish value
# Groundwater Monitoring Results

<table>
<thead>
<tr>
<th>Location</th>
<th># of Wells</th>
<th>PFOA+PFOS &gt; 70 ppt</th>
<th>PFOA+PFOS &gt; 700 ppt</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAS-JRB Willow Grove</td>
<td>160</td>
<td>147</td>
<td>89</td>
</tr>
<tr>
<td>Horsham Air Guard Station</td>
<td>86</td>
<td>79</td>
<td>64</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>246</strong></td>
<td><strong>226</strong></td>
<td><strong>153</strong></td>
</tr>
</tbody>
</table>

**References:**
Navy: RI Data Summary Report (November 11, 2016)
HAGS: Final Groundwater Monitoring Report, PFC Facility Investigation at HAGS (June 25, 2018)
The former Naval Air Station-Joint Reserve Base (NAS-JRB) Willow Grove is located in Horsham Township, Montgomery County, 18 miles north of Center City Philadelphia.

Its size and location provide unique opportunities for economic development and job creation that will benefit the entire region.
ISSUES TO BE CONSIDERED BY THE FEDERAL GOVERNMENT AND/OR POSSIBLY THE COMMONWEALTH OF PENNSYLVANIA

• Establish standards for soil, surface water and sediment and require remediation. Current focus on drinking water does not fully address the problem (PFAS in soils continue to leach into the groundwater).
• The impacts of the past exposure cannot be ignored – more extensive epidemiology testing for the community is needed to include former military members assigned to the base.
• Risk communication strategies to address public concerns concerning past exposures and regulatory inconsistencies need to be improved.
• Government standards should be consistent (resolve differences between different agencies (i.e. EPA, ATSDR, and States)
• All PFASs should be evaluated for listing as CERCLA hazardous substances.
• EPA and PADEP need to establish standards for the best available technologies for PFAS treatment and appropriate permitting strategies
HLRA CONCERNS

• Potential impacts of PFAS contamination on the Redevelopment Plan are currently unknown and may include deed restrictions and land use control.
• The ability to establish property values and the feasibility of the Redevelopment Plan may need to be re-evaluated.
• Government should retain liability for all PFAS contamination resulting from past use or spills on military property.
• Sources of PFAS remain at the base in the water & the soil and must be mitigated.
• The former NAS-JRB Willow Grove and the Horsham Air Guard Station (HAGS) should have one remedial plan with the same expedited schedule.
• Given the impact to the Township and its residents, the federal government should transfer ownership of property at no cost, once the remediation plan has been approved.
We acknowledge and deeply appreciate the assistance that we have received thus far from all of our fellow stakeholders. At the risk of not mentioning some, a special Thank You to the following:

Governor Wolf and his Team
Our Congressional Delegation
Our State and local Elected Officials
Horsham Township and the HWSA
U.S. Navy
National Guard
EPA Region 3
PADEP Southeast Region

All of the above and many others have worked very hard to address this very complex issue. We need to even work harder to protect the health of our citizens and enhance our economic development.

Thank you for this opportunity.