

Horsham

Water Quality Update

April 11, 2018

Short Term Remediation Action Plan:

- HWSA will be having a pre-application meeting on April 12th with DEP to propose resin at Wells 10, 17 and 21 for the permanent systems.
- Resin provides cost savings long term:
 - Reduces the size of the carbon (GAC) units
 - Smaller building footprints
 - Run time is longer before any detection so less change out
- Well 7 test results from mid-March: 13.3 ppt combined
- Latest Aqua PA interconnection test results for PFOA is 12.1 ppt combined

Long Term Remediation Action Plan:

- Contractor is moving along with the “Group 1” permanent treatment systems at Wells 2, 20 and 22.
- Carbon filters were delivered to Wells 2 and 22.
- “Group 2” permanent systems include Wells 4 & 19 and the Aqua Interconnect. Well 4 demolition recently completed and Well 19 mobilization underway. Aqua PA interconnection construction is expected to start mid-summer.
- All main extensions are complete. Final road restoration began April 5th. Construction is almost complete at the additional NWWA interconnection on County Line Rd.





- Private Wells:
 - No change since your last update in March, total remains at 103 (Navy - 98 and NGB - 5)
- Park Creek Treatment Plant Wastewater:
 - Effluent monitoring results averaging 26 ppt
- Stormwater:
 - Township and HLRA have expressed their concerns to the Navy regarding the stormwater that is continuing to leave the base property along Keith Valley Rd.
 - Letter sent to Navy from the Township on March 22, 2018
 - Township meeting with the Navy in late April
 - Horsham Air Guard Station:
 - Treatment system for groundwater/stormwater has been installed and became operational on Oct. 2, 2017.
 - First few months system filtered 95% of PFOA and PFOS
 - In January, test results showed only 60% of PFOA and PFOS being filtered
 - Breaking through too quick because the PFC levels are so high and the high organic content inherent in surface water is fouling the filters.
 - HAGS looking into pretreatment to remove organics before the carbon filter

Recap of Drinking Water Efforts:

- Currently, approximately 86% of water serving the public system is either filtered or supplied by NWWA.
- As of this update, the system-wide average in the public system is approximately 4 ppt.
- Horsham Township continues to achieve more stringent water quality standards than those set by EPA and DEP.

Communication:

- Monthly updates at Council's second Wednesday public meetings
- Township website: www.horsham.org
- HWSA website: www.horshamwater-sewer.com
- Water hotline: 215-907-0034
- Follow us on Twitter at @HorshamTownship
- Like us on Facebook at Horsham Township
- Sign up for email updates at water@horsham.org