

# Horsham

# Water Quality Update

September 12, 2018

# Short Term Remediation Action Plan:

- HWSA continues to follow up with DEP on their two requests:
  - to have resin at Wells 10, 17 and 21 for the permanent systems.
  - to allow temporary system at Well 10 to be resin only when put back on the system
- Considering installing a driveway off Sawyers Way to Well 21 to avoid parking restrictions during carbon change outs
- Well 7 July test result: 15.1 ppt combined
- North Wales Water Authority: 1.2 mgd; 5.4 ppt combined (3.4 ppt PFOA & 2.0 ppt PFOS)
- Aqua PA interconnect July test result: 16.3 ppt combined
- Placing Well 9 back on-line.

# Long Term Remediation Action Plan:

- Contractor is moving along with the “Group 1” permanent treatment systems at Wells 2, 20 and 22.
  - Contractor expected to be done in November
  - Hoping for DEP operations permit by end of the year
- “Group 2” permanent systems include Wells 4 & 19 and the Aqua Interconnect. Well 4 and 19 are now under construction. Aqua PA interconnection construction is expected to late summer/early Fall. Group 2 systems are expected to be operational in 2019.
- All main extensions are complete
- NWWA interconnection on County Line Rd is operational.

- Private Wells:
  - One new private well tested above LHAL, total is now at 104 (Navy - 99 and NGB - 5)
  - 86 have been connected to the public system
  - Navy is following up with the others that have never responded or previously rejected the offer to be connected to the public system
  - Phase III is under construction & is expected to be done by the end of October. It includes 4 properties: 2 on Easton Rd and 2 on Maple Ave.
- Park Creek Treatment Plant Wastewater:
  - Effluent monitoring results averaging 26 ppt combined.

- Stormwater:
  - Horsham Air Guard Station:
    - The old filtration system has been removed.
    - New system will be a 4-step filtration process, removing organics before the carbon filters.
    - New system is expected to arrive on August 10th and hopefully will be operational the same day.
  - Navy Base:
    - Looking to raise an inlet by 3 to 4 feet in a rear basin to hold more water & is expected to be done by end of September
    - Continued discussions within the Navy on putting in a culvert connecting two basins since one basin doesn't hold as much water
    - Soil Removal project: contractor is awaiting comments from the regulatory agencies (EPA & DEP) on their work plan then they will mobilize on site
    - Surveying approximately 3,300 feet of stormwater pipes via TV inspections in September with a report in October
    - Pump and Treat Systems: contract expected to be awarded by late September

# 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 combined. This is an average that is determined using a mass calculation formula.
- Horsham Township continues to achieve more stringent water quality standards than those set by EPA and DEP.