

Horsham

Water Quality Update

June 10, 2020

Short Term Remediation Action Plan:

- HWSA has shutdown Wells 7, 9, and 21. All three wells remain in active status in order to perform monthly sampling.
- North Wales Water Authority: 600,000 to 625,000 gpd;
 - 2.0 ppt combined (March 2020 result)
 - Non-detect (Feb. 2020 result)
 - 2.1 ppt combined (Jan. 2020 test result)
- Aqua PA interconnect:
 - No new sample results due to shutdown
 - Feb. 20th test: 7.9 ppt combined
 - Feb. 3rd test: 8.7 ppt combined
 - Jan. 30th test: 8.2 ppt combined
- Well 10:
 - Back in service on March 10th
 - DEP approved a 1 year extension of the pilot program to May 1, 2021.

Long Term Remediation Action Plan:

- Wells 2, 4, 19, 20 and 22 all in service with permanent treatment systems
- Aqua PA Interconnect:
 - Put back into service on Monday, June 8, 2020
- 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 100 for drinking water wells & 7 for non-drinking water wells (Navy - 102 and NGB - 5)
- 93 have been connected to the public system
- Another 2 are in the progress of being connected.
- One property owner requested an extension to accept offer due to COVID-19.
- Two property owners have rejected the offer to be connected.
- Two property owners have not responded.

- Park Creek Treatment Plant Wastewater:

- Effluent monitoring results averaging 23.4 ppt combined.
- Influent monitoring:
 - September 2019 result was 18 ppt combined.
 - December 2019 result was 18 ppt combined.
 - February 2020 result was 15 ppt combined.
 - May 2020 results was 98 ppt combined.

Pilot Test at former Aircraft Maintenance Hangar 680

- Full time operation commenced March 2020
- Pump rate is 20 GPM (24/7)
- As of June 5, 2020, over 2.538 Million gallons treated
- Effluent concentrations: Non-detect
- Effluent discharging to existing storm sewer system which outlets to retention basins on Navy property near Keith Valley Road

Updates:

- **Military Installation Remediation and Infrastructure Authority (MIRIA)**
 - All four water providers (Horsham Water & Sewer Authority, Warminster Municipal Authority, North Wales Water Authority and Ambler Water Department) submitted grant applications.
- **Navy and Air National Guard Restoration Advisory Board meeting:**
 - June 17, 2020 from 6pm to 8pm.
 - It will be a virtual meeting.
 - For details of the virtual meeting process go to:
 - https://bracpmo.navy.mil/brac_bases/northeast/reserve_base_willow_grove.html
- **PA Department of Health:**
 - Scheduled to participate in the RAB virtual meeting on June 17th
 - Results of 2019's environmental testing
 - Update on the National Multi-site Health Study

Recap of Drinking Water Efforts:

- Currently, **100%** 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 for PFOA/PFOS is **below detection levels (<2ppt)**. This is an average that is determined using a mass calculation formula.
- **HWSA has eliminated the PFC Surcharge on bills effective October 1, 2019.**
- Horsham Township continues to achieve more stringent water quality standards than those set by EPA and DEP.