

## PFAS Water Treatment Timeline

**September 4, 2018** – The State of New Jersey becomes the first state to establish an enforceable drinking water standard for PFAS when the DEP established a maximum contaminant level (MCL) for perfluorononanoic acid (PFNA) of 13 parts per trillion (PPT) or nanograms per liter (ng/L). The adopted rule requires water systems to monitor for PFNA beginning in first quarter of 2019.

**February 6, 2019** – The Borough begins quarterly testing for PFNA, and includes testing for the optional PFOA and PFOS.

**April 17, 2019** – Wells are sampled. Well 2 test results are 94 PPT for PFOS and 32 PPT for PFOA; Well 2 is voluntarily removed from service and remains offline. Well 2 PFNA result is 4.6 PPT which was below the NJ MCL.

**June 25, 2019** – The Borough awards a contract to Boswell Engineering for the preliminary design and treatment of various wells. The engineer is tasked with identifying treatment options, preparing an application to the New Jersey Infrastructure Bank (I-Bank), preparing preliminary cost estimates and preparing construction drawings.

**January, 2020** – The treatment project funding application is submitted to I-Bank.

**June 1, 2020** – The DEP establishes an MCL for perfluorooctanoic acid (PFOA) of 14 PPT and an MCL for perfluorooctanesulfonic acid (PFOS) of 13 PPT. Testing for PFOA and PFOS is required to begin in the first quarter of 2021.

**January 27, 2021** – The Borough, Borough engineer, Borough bond counsel, NJDEP, and NJ Infrastructure Bank have the first of what become monthly project status update calls to facilitate project approval.

**February 9, 2021** – Test results are received from the January 18, 2021 sampling. Well 6 test results for PFOS are 84 PPT, above the MCL of 13 PPT. Well 6 is voluntarily removed from service.

**March 1, 2021** – The Borough mails the first, quarterly public notice to every residence as a result of the Well 6 test results.

**March 10, 2021** – The Borough holds a virtual meeting to discuss PFAS, which includes our water engineer and water consultant/hydrologist.

**March 23, 2021** – The Borough awards a contract to Calgon for treatment vessel at Well 6. The vessels are delivered on June 11, 2021.

**May 11, 2021** – The Borough awards a contract to Boswell Engineering for the design of temporary treatment at Well 6.

**May 25, 2021** – The Borough awards a contract to Boswell Engineering for the design of treatment at all wells. This includes survey, design, permitting, bidding, and construction inspection.

**August 26, 2021** – With temporary treatment at Well 6 in place, test results for all PFAS is >2 PPT. Well 6 is brought back on-line. Notices were sent the day prior, on August 25.

**September 7, 2021** – Issued Public Notice that the Running Annual Average for Well 4 exceeds the MCL for PFOA.

**October 14, 2021** – The Borough submits to the NJDEP for a water system construction permit. Subsequent revisions are made on March 18, 2022 and April 13, 2022, in coordination with the NJDEP.

**October 26, 2021** – The Borough meets with Highland Community Association to discuss the need for an easement through HCA Park to connect Well 4 and Well 5.

December 29, 2021 – Issued Public Notice that the Running Annual Average for Well 3 and Well 7 also now exceed the MCL for PFOA.

**February 8, 2022** – The Borough awards a contract to Boswell Engineering to survey the HCA Park easement.

**March 30, 2022** – Issued Public Notice that the Running Annual Average for Well 5 also now exceeds the MCL for PFOA.

**April 20, 2022** – The NJDEP issues a water system construction permit.

**June 15, 2022** – A deed of easement is executed with HCA.

**June 21, 2022** – The Borough holds a public hearing on an ordinance authorizing water system treatment improvements for PFAS and appropriating \$5,000,000 for the cost. The ordinance is subsequently adopted.

**September 1, 2022** – Submitted DEP land use application for Well 2

**September 1, 2022** – Submitted DEP land use application for Well 4

## Steps remaining prior to the start of construction

**December, 2022** – Receive DEP land use permit

**December 2022** – Submit I-Bank application

**January, 2023**– Receive I-Bank approval

**January, 2023** – Advertise project bid

**February, 2023** – Award construction contract