

How Gore's Pump and Treat System Will Treat Groundwater at Cherry Hill



A proven, science-based system designed to capture and treat PFOA in groundwater



Cherry Hill Facility | Elkton, MD

An Overview of Groundwater Extraction and Treatment

The groundwater extraction and treatment system, commonly referred to as "pump and treat," is a widely used approach for removing contaminants from groundwater.

The system draws groundwater through extraction wells, brings it to the surface, and treats it using advanced filtration technologies designed to remove targeted substances. Gore's use of "pump and treat" at its Cherry Hill property will be used specifically to reduce PFOA and any other potential PFAS from groundwater.

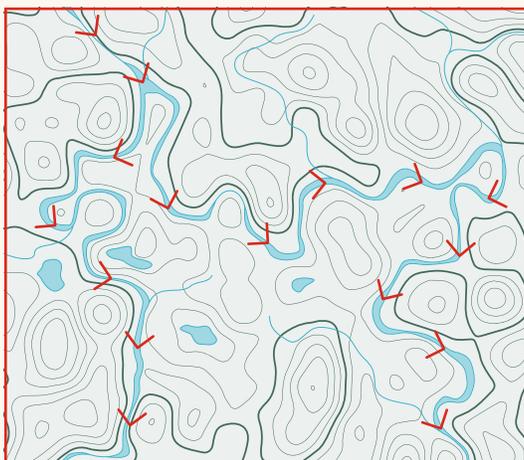
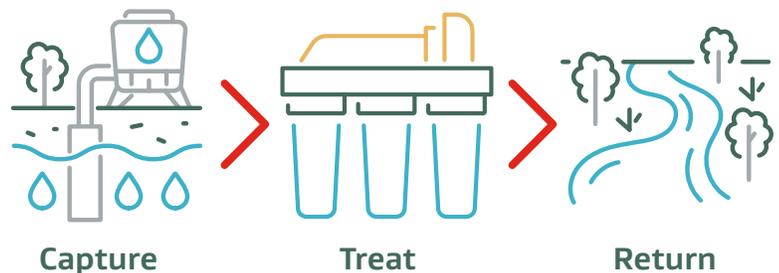
Once treatment is completed and PFOA has been effectively reduced, the water will be safely discharged and returned.

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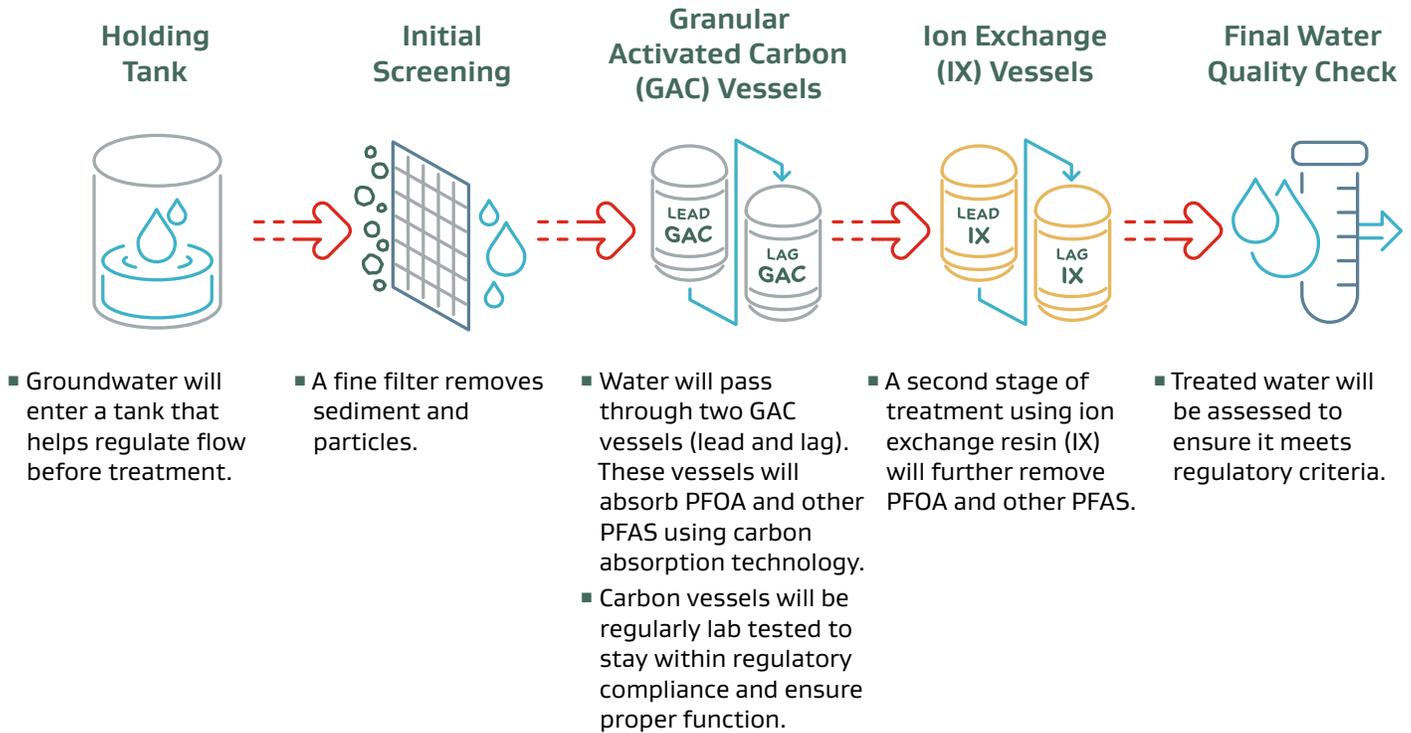
How Groundwater Extraction Will Work

Site investigations, such as monitoring wells, groundwater flow analysis, and subsurface data, will be used to determine where extraction wells should be placed.

- ✓ Pilot extraction wells will verify pumping conditions and support proper extraction well placement.
- ✓ Extraction wells will pump groundwater from areas where the investigation identified PFOA was present.
- ✓ These wells will help slow impacted groundwater, which will be captured and treated throughout this process.

Step-by-Step Treatment Process

From well to treated water: What will happen inside the system



What Will Happen After Treatment

Once cleaned and verified through testing, the treated water will be safely discharged. This process will reduce PFOA and other PFAS levels in groundwater over time and will limit further movement of the substance in the environment.



Meets today's regulatory standards

Why This System Matters



It will support Gore's commitment to responsible environmental stewardship



It will reduce the presence of PFOA and other PFAS in groundwater



It will use proven, widely adopted groundwater treatment technologies



It will be built and informed by science and environmental experts