

The Road to Safe Drinking Water



2009: The United States Environmental Protection Agency (EPA) issues provisional health advisory limits for PFOA at 400 parts per trillion (ppt) and PFOS at 200 ppt.

2015: As summer peak demands slowed, Fountain reduced our municipal and Venetucci groundwater well supply during the winter.

April 2016: Start up and delivery of SDS Water officially began!

2013-2015: The EPA's Third Unregulated Contaminant Monitoring Rule, which for List 1 Water Systems serving populations greater than 10,000, required that we test once during this two-year period for seven volatile organic compounds, one synthetic organic compound, six metals, one Oxyhalide Anion, and six Perfluorinated Compounds (PFCs). Not all of these unregulated compounds had even provisional health advisories published. The City of Fountain had no results that exceeded any health advisory levels, including PFCs.

Fountain partners with our community in enacting Voluntary Water Restrictions and shuts down all well production except for testing, which did not put any groundwater into our drinking water.

April 2017: Fountain initiates a contract to design a comprehensive groundwater treatment plant with Black & Veatch.

May 19, 2016: EPA issues a health advisory limit for PFCs (sum of PFOA and PFOS) limited to less than 70 ppt. The Colorado Department of Public Health and Environment (CDPHE) then adopts a health advisory limit to be included in the 70 ppt sum that includes a third PFC (PFHpA). The result is that all of Fountain's groundwater well supply is close to exceeding or exceeds the limit.

Fountain confirms the acceptance of two 500 gallon per minute treatment units from Air Force Rapid Response in the spring of 2017.

June 2017: Fountain submits a permit application to the CDPHE for the two Air Force treatment plants. The first of these is installed near Fountain Public Library on June 28.

January 2018: Fountain submitted over 60% of the design documents and other needs to the Air Force Civil Engineer Center (AFCEC), who will complete the design of the comprehensive groundwater treatment plant and develop contracts for construction.

August 2017: Fountain installed the second of the Air Force treatment units near Aga Park.

June 2018: Fountain completes testing and commissioning of the one of the Air Force treatment units at Aga Park. Results from a laboratory test dated June 1, 2018 confirm that PFCs have been removed to non-detectable levels in Fountain's GAC filtered groundwater supply. Non-detectable levels are less than 2.5 parts per trillion, well below the Environmental Protection Agency's current Health Advisory Limit of 70 parts per trillion.

Fall 2018: AFCEC will be awarding construction contracts for the comprehensive water treatment plant and begin construction.

Spring 2019: Fountain plans to complete testing and commissioning of the Air Force treatment unit at the Fountain Library.

Summer 2020: Fountain plans to commence operations and deliver treated water to our customers from the comprehensive water treatment plant.

The Future

