

# PFAS TREATMENT

## FOR POINT OF ENTRY TREATMENT SYSTEMS

### WHY USING THE RIGHT ACTIVATED CARBON MATTERS

ASK YOURSELF

Am I giving my customers the **most effective treatment?**

**G**ranular activated carbon (GAC) is an effective and proven technology for the removal of PFAS and many other harmful organic compounds. But, not all GAC products are the same and using the right GAC can make the difference between success and failure.

### NOT ALL ACTIVATED CARBON IS THE SAME

**Coconut-based carbon** has limited adsorption capabilities for PFAS compounds, which means harmful contaminants remain in the drinking water, even after filtration.

VS

**Bituminous coal-based activated carbon** not only removes all PFAS compounds, but also other harmful contaminants from drinking water simultaneously.

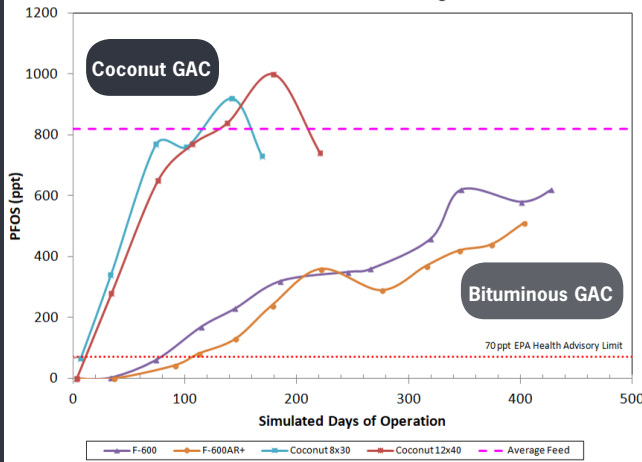


### PFOA AND PFOS ARE ONLY PART OF THE CHALLENGE

The public is not only worried about PFOS and PFOA – **all PFAS compounds are causing concern amongst consumers.**

The family of PFAS compounds consists of many “short-chain” compounds - like PHFxS and PFBS - that are not easily removed from drinking water. Coconut-based activated carbons will not remove all PFAS compounds to non-detect.

Four Carbon RSSCT PFOS Breakthrough Curve



FOUR CARBONS PFOS REMOVAL



COCONUT GAC - **INEFFECTIVE**



BITUMINOUS GAC - **EFFECTIVE**

FOUR CARBONS PFOA REMOVAL

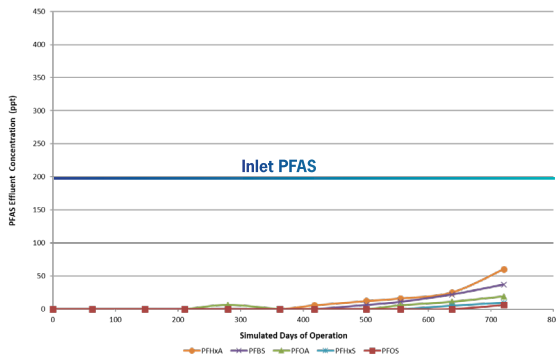
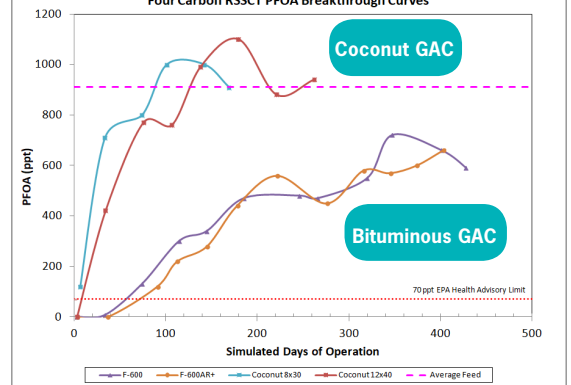
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Four Carbon RSSCT PFOA Breakthrough Curves



BITUMINOUS GAC REMOVES  
**SHORT CHAIN PFAS TO NON-DETECT**

About Calgon Carbon

- Calgon Carbon has provided a successful treatment solution for PFAS removal for more than 15 years
- FILTRASORB® GAC is recognized as an effective technology for reducing per- and polyfluoroalkyl substances in water
- GAC is an ultra-porous filtration and adsorption media - the large internal surface area and adsorptive capacity of GAC makes it ideal for removing harmful contaminants like PFAS
- Calgon Carbon offers comprehensive treatment solutions, including activated carbon, technical service, and testing
- For more information, email [pfcsolutions@calgoncarbon.com](mailto:pfcsolutions@calgoncarbon.com) or call 1.800.4CARBON