

Ryan Dailey

I have no major comments on the draft itself, but would like to share a promising technology myself and peers have been following regarding PFA's cleanup. I am in no manner affiliated with this company, I simply have an environmental engineering background and am very impressed with BioLargo's PFA's cleanup technology:

<https://www.biolargoengineering.com/biolargo-aec/>

BioLargo Aqueous Electrostatic Concentrator (AEC) is designed to provide rapid, effective, and affordable concentration of per- and polyfluoroalkyl substances (PFAS) in water. It works by separating PFAS compounds in an electrostatic field and forcing them through a proprietary membrane system.

The result ♦ the AEC removes >99% PFAS from water in continuous flow, at energy costs as low as 30 cents per 1,000 gallons.

Advantages over other technologies:

- More energy-efficient
- More affordable on per-gallon basis
- Much less PFAS-laden waste produced
- Less activated carbon required in PFAS life cycle
- Higher purity of final water
- Compact; small footprint
- Development and commercialization of the AEC is supported in part by a grant provided by the US EPA SBIR.

I highly encourage relevant stakeholders to consider utilizing the AEC technology as the state continues to pick up PFAS cleanup contracts over the coming years.