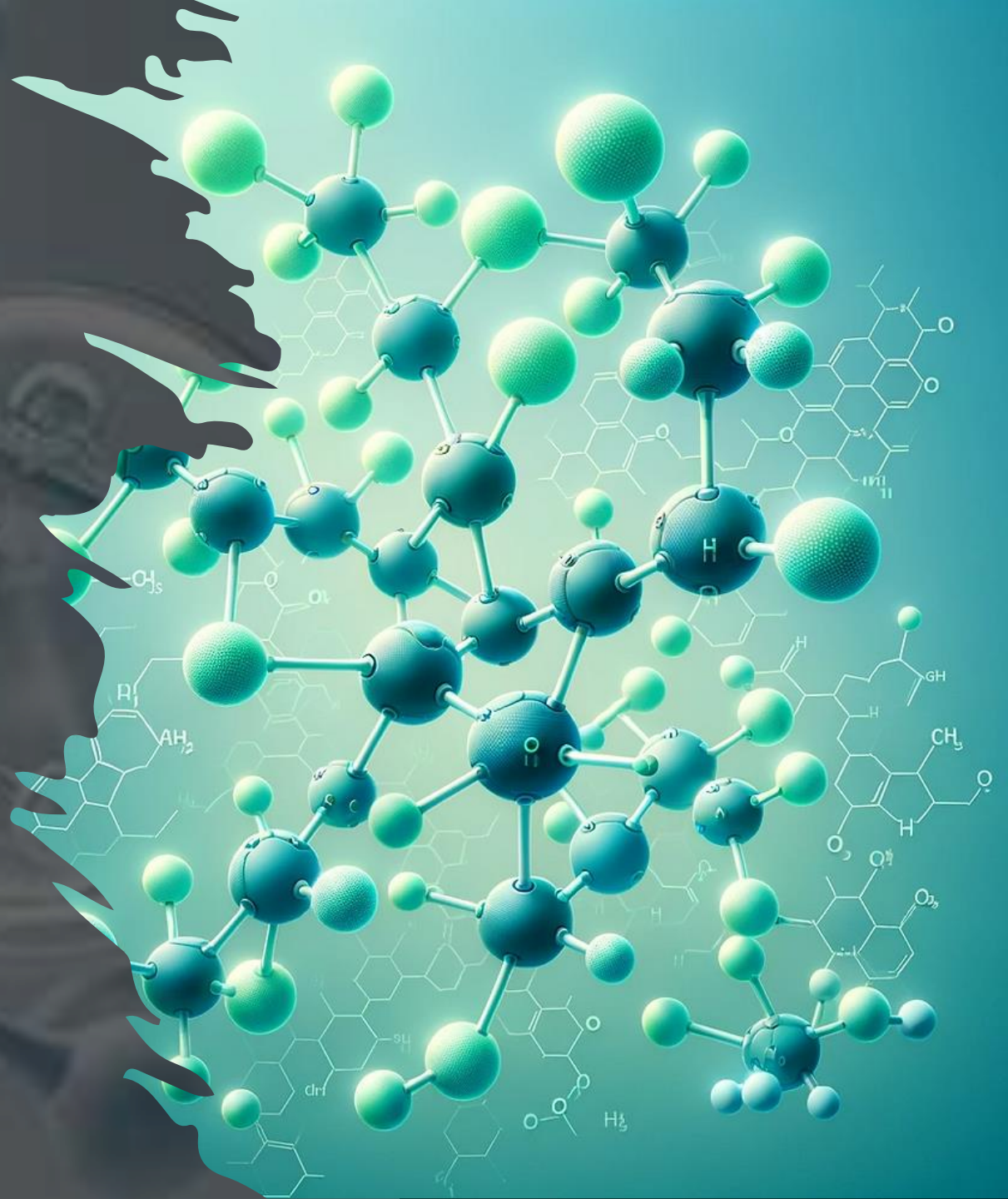


A Novel and Low-Waste Solution for Capturing and Destroying PFAS in Leachate



A novel approach to PFAS capture

AQUEOUS ELECTROSTATIC CONCENTRATION

- Started in answer to a 2017 EPA Call for innovation
- Engineers saw a need for better PFAS capture tech
- “Back of the napkin” invention
- Initial design was funded by an SBIR Grant
- Idea was:
 - Create a PFAS capture technology that is more specific for PFAS than GAC or IX
 - Aim to be more energy efficient, smaller footprint

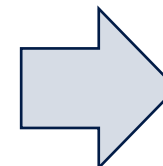




**Aqueous
Electrostatic
Concentration**

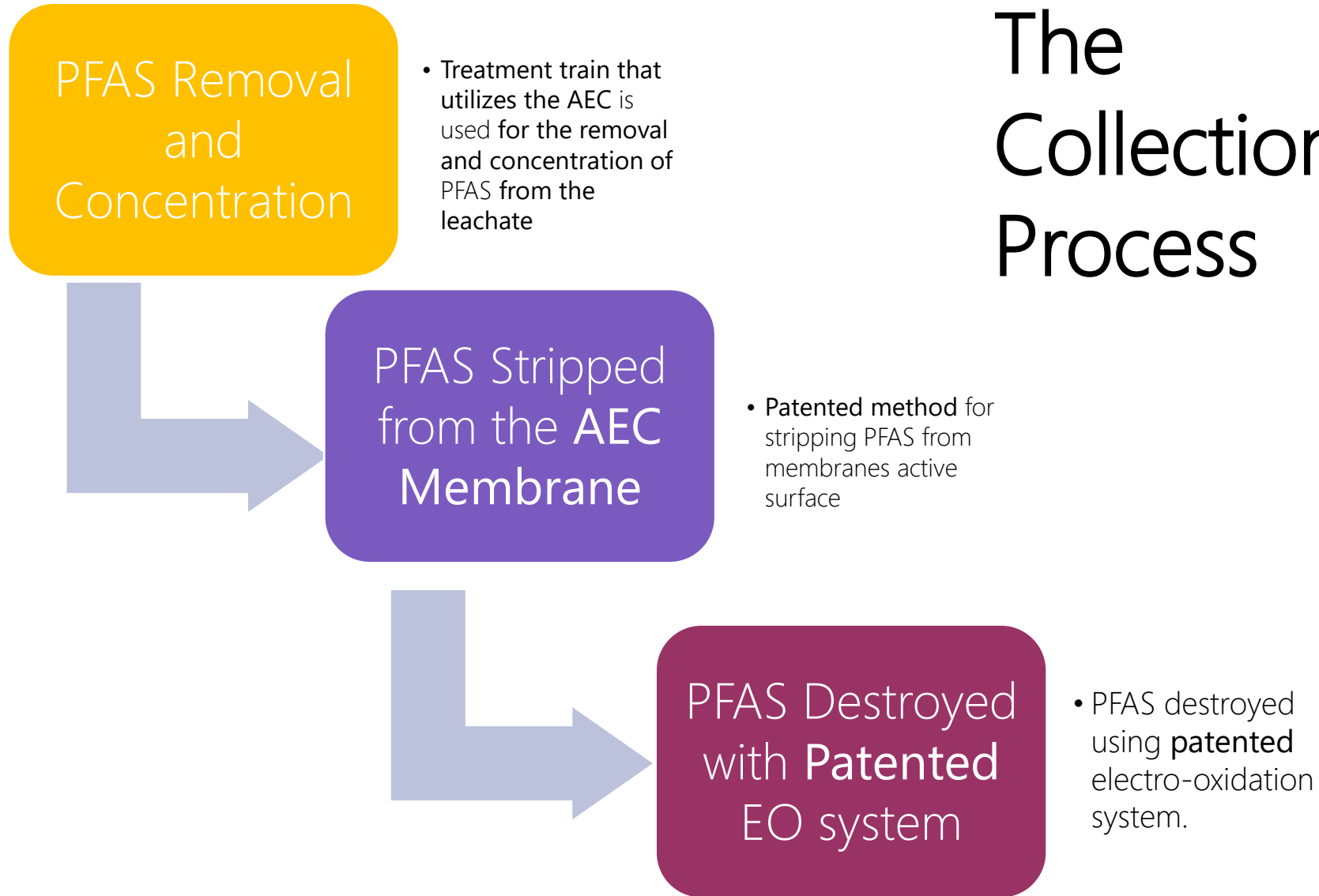


Incoming water stream with PFAS



**Combined with
Efficient
Destruction**

The Collection/Destruction Process



Leachate Treatment Results



Appearance Comparison - Post UF Leachate



Post AEC Post AOP Post EC Untreated

Appearance Comparison – Post Foam Fraction



Post AEC Post AOP Post EC Untreated

Appearance Comparison – Raw Leachate



Post AEC Post AOP Post EC Untreated

Leachate Source	Starting PFAS amount (ppt)	Removal % by AEC train
UFP	59,438	98
Raw	147,226	99.8
PFF	475,847	99.6



BioLargo
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**OTCQX:
BLGO**

Contact:

Contact us for a free consultation on
PFAS and to learn more about our
PFAS solutions

Educational seminars on PFAS
available – we deliver webinars and
seminars eligible for CEUs

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