MINERALS TECHNOLOGIES

PFAS Remediation Technology: FLUORO-SORB® Adsorbent

September 24th, 2026

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Forward Looking Statements and Non-GAAP Measures

This presentation may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations and forecasts of future events such as new products and markets, growth opportunities, long-term strategy, future operating results and financial condition, and capital allocation plans, and are not limited to describing historical or current facts. They can be identified by the use of words such as “believes,” “expects,” “plans,” “intends,” “anticipates,” and other words and phrases of similar meaning. Forward-looking statements are necessarily based on assumptions, estimates, and limited information available at the time they are made. A broad variety of risks and uncertainties, both known and unknown, as well as the inaccuracy of assumptions and estimates, can affect the realization of the expectations or forecasts in these statements. Actual future results may vary materially. Significant factors that could affect the expectations and forecasts include worldwide general economic, business, and industry conditions; the cyclicality of our customers’ businesses and their changing regional demands; our ability to compete in very competitive industries; consolidation in customer industries, principally paper, foundry, and steel; our ability to renew or extend long term sales contracts for our satellite operations; our ability to generate cash to service our debt; our ability to comply with the covenants in the agreements governing our debt; our ability to effectively achieve and implement our growth initiatives or consummate the transactions described in the statements; our ability to successfully develop new products; our ability to defend our intellectual property; the increased risks of doing business abroad; the availability of raw materials and access to ore reserves at our mining operations, or increases in costs of raw materials, energy, or shipping; compliance with or changes to regulation in the areas of environmental, health and safety, and tax; risks and uncertainties related to the voluntary petitions for relief under Chapter 11 of the U.S. Bankruptcy Code filed by our subsidiaries BMI OldCo Inc. (f/k/a Barretts Minerals Inc.) and Barretts Ventures Texas LLC; claims for legal, environmental, and tax matters or product stewardship issues; operating risks and capacity limitations affecting our production facilities; seasonality of some of our businesses; cybersecurity and other threats relating to our information technology systems; and other risk factors and cautionary statements in our 2025 Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and other reports filed with the Securities and Exchange Commission. The Company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events, or otherwise.

PFAS Remediation Market
FLUORO-SORB® Adsorbent Technology

MTI Value Proposition

- Vertically integrated mineral reserves coupled with proprietary technology and know-how
- Established manufacturing readiness and capacity
- Versatility in technology use allows broad market participation
- Can be used alone or with other technologies
- Best-in-class efficacy and total lifecycle costs
- Proven technology in full-scale, real-world commercial applications

Developments

EPA national drinking water regulation for 2 PFAS compounds to stay in place with compliance by 2031

CERCLA designation could drive environmental cleanup of contaminated sites

EPA collaboration with MTI
- PFAS OUT Technical Assistance Program

CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act
UCMR 5 = Fifth Unregulated Contaminant Monitoring Rule

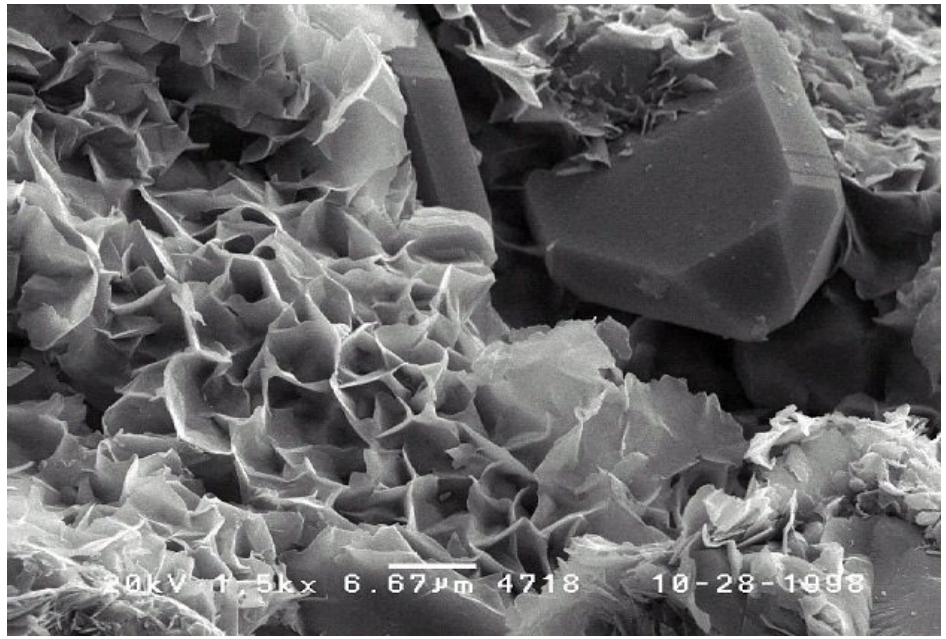


FLUORO-SORB® Adsorbent

WHAT IS IT?

HOW DOES IT WORK?

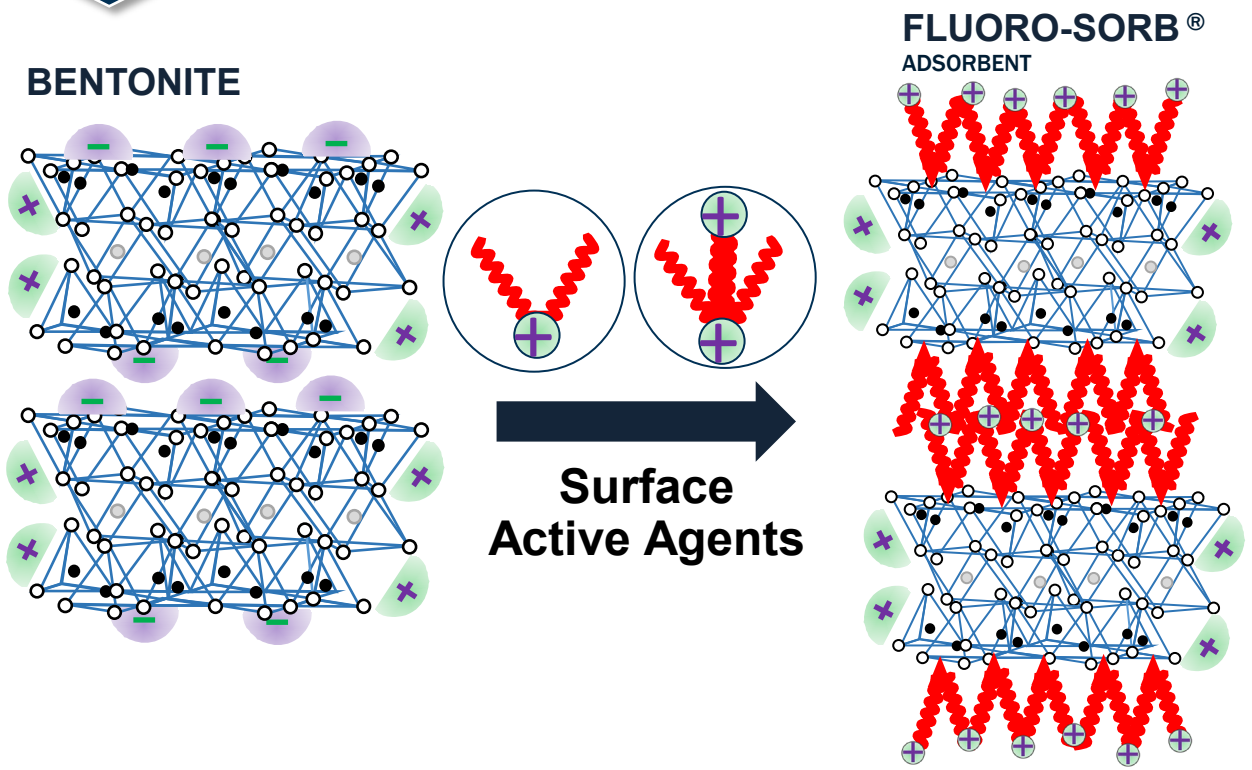
Particle Surface Modification

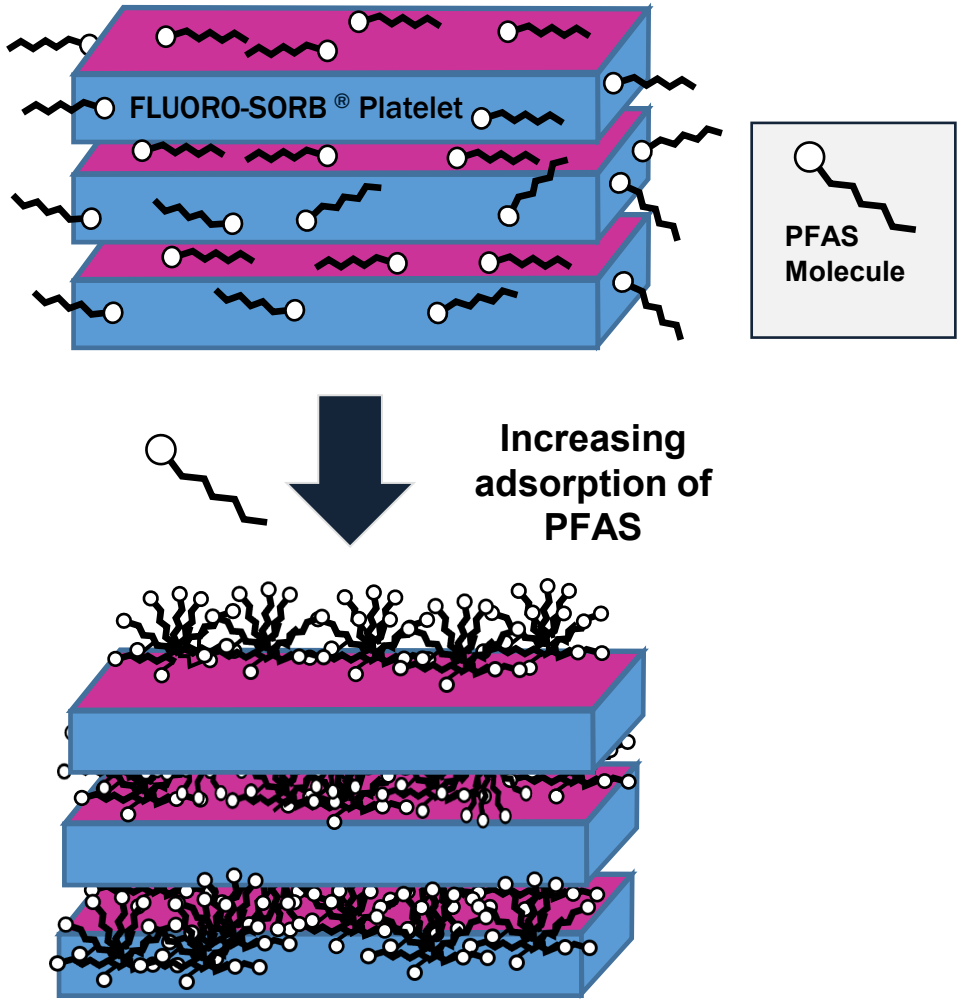


Unique bentonite properties:

- Contains montmorillonite platelets
- Each platelet is 1 nanometer thick and thousands of nanometers long and wide
- Platelets have very high surface area (800 m^2/gram)
- Platelet surface is negatively charged – edges are positively charged

PFAS Adsorption Mechanism



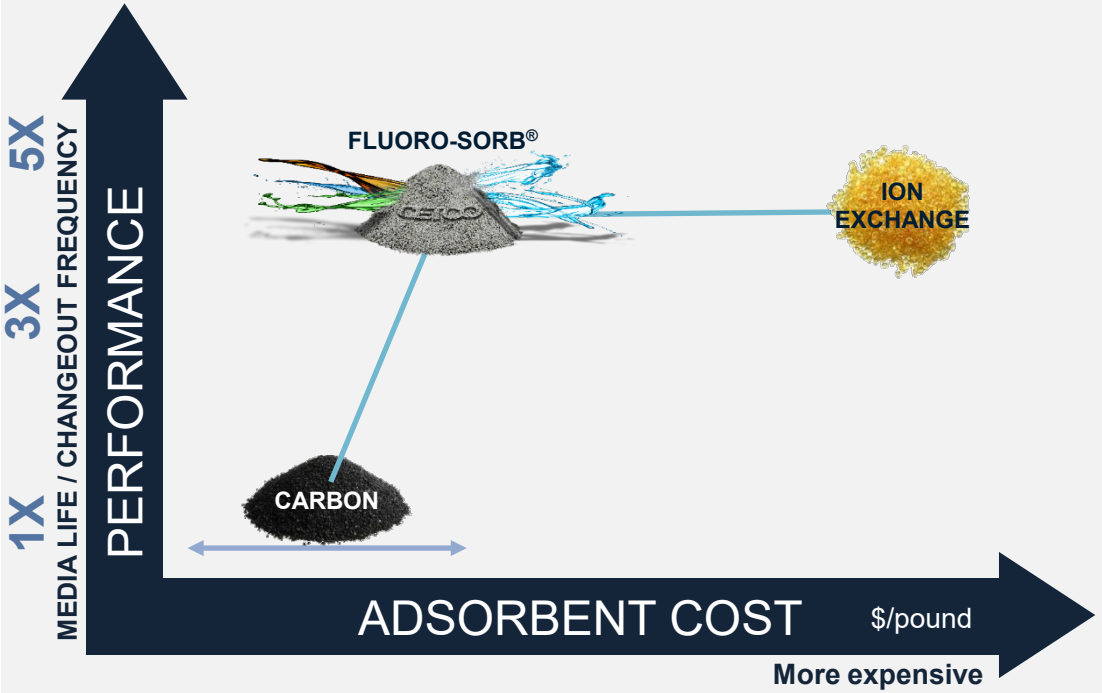


MTI US Patent 11,000,822

Source: Yan, B., Wang, J., Liu, J. (2021) Water Research, 201, 117371.

FLUORO-SORB® Adsorbent
Value Proposition

Operating Efficiency and Capacity



Kinetics and Footprint

Media	Carbon	Ion Exchange	FLUORO-SORB®
Contact time with media bed*	10 minutes	2 minutes	2 minutes



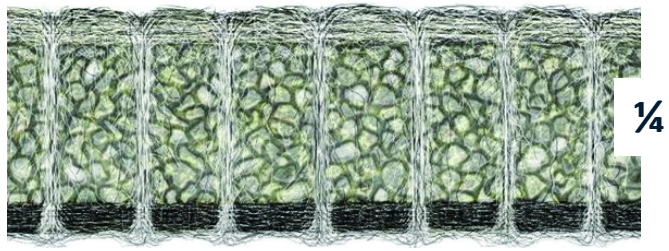
Carbon FLUORO-SORB®

*Amount of time that the water is in contact with the media bed

FLUORO-SORB® Adsorbent = higher performance + lower capital cost + lower operating cost

Particle Property Engineering

Unique capability to design properties for versatile applications

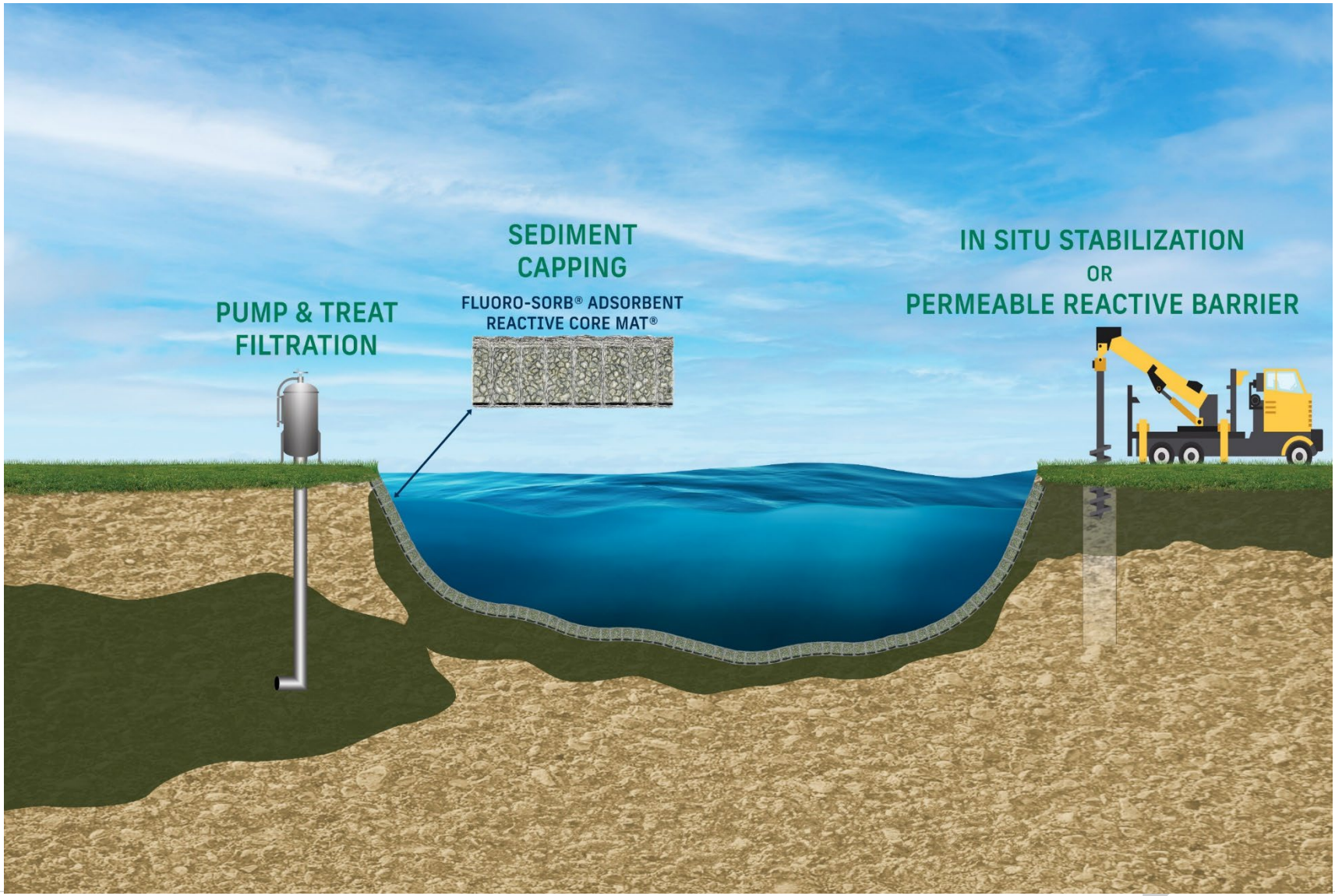
FLUORO-SORB® P *ADSORBENT* 	FLUORO-SORB® 100 *ADSORBENT* 	FLUORO-SORB® 200 *ADSORBENT* 
SUBSURFACE INJECTION **WATER PRE-TREATMENT**	**SUBSURFACE INJECTION** **SOIL REMEDIATION (MIXING)**	**DRINKING WATER FILTRATION** **GROUNDWATER FILTRATION**
FLUORO-SORB® 400 *ADSORBENT* 	FLUORO-SORB® 600 *ADSORBENT* 	FLUORO-SORB® REACTIVE CORE MAT® 
SEDIMENT CAPPING **WASTEWATER FILTRATION**	**SURFACE WATER GRAVITY FILTRATION**	**SEDIMENT CAPPING** **PASSIVE STORMWATER FILTRATION**

FLUORO-SORB® Adsorbent
Versatility of Deployment

Technology designed to selectively adsorb PFAS from water and sediments

FLUORO-SORB® Adsorbent interacts with PFAS, thus spread of contamination is controlled

Engineered manufacturing capabilities allow product variations resulting in enhanced versatility



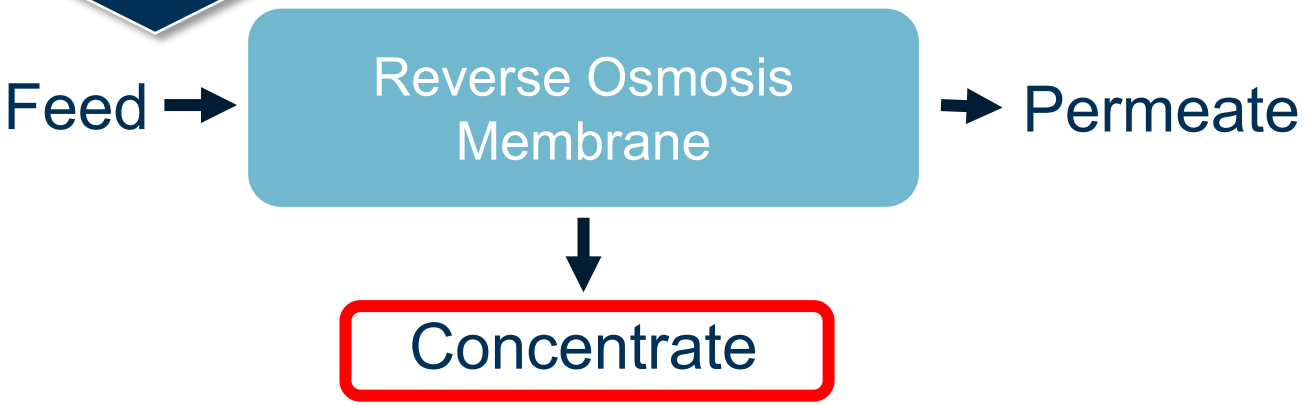
ISS = In Situ Soil Stabilization
PRB = Permeable Reactive Barrier



FLUORO-SORB® Adsorbent

INNOVATION CONTINUES

INNOVATION CONTINUES CALIFORNIA RO-REJECT TREATMENT



RO concentrate treatment challenges:

- ⇧PFAS concentrations
- ⇧Total Organic Carbon Content (TOC)
- ⇧Dissolved solids
- ⇧Heavy metal content
- Discharge can be regulated

Test results after 1 month:

	PFOA	PFOS	PFHxA	PFHpA	PFNA	PFHxS	PFNS	PFBS
GAC-1 EBCT = 10min	> 50%	> 50%	> 50%	> 50%	> 50%	> 50%	> 50%	> 50%
GAC-2 EBCT = 15min	> 50%	< 50%	> 50%	> 50%	> 50%	> 50%	< 50%	> 50%
IX-1 EBCT = 6min	> 50%	< 50%	> 50%	< 50%	> 50%	< 50%	< 50%	> 50%
IX-2 EBCT = 6min	< 50%	< 50%	> 50%	< 50%	< 50%	< 50%	< 50%	< 50%
Fluoro-Sorb 400 EBCT = 7.5min	< 50%	< 50%	> 50%	< 50%	< 50%	< 50%	< 50%	> 50%

Breakthrough < 50%

Breakthrough > 50%

Sun, Y., et.al. "Pilot-Scale Comparison of GAC, IX and SMC Adsorbents for PFAS removal in Municipal Reuse Reverse Osmosis Concentrate (MRROC)" 41st Annual WateReuse Symposium, Los Angeles, CA, 2026.



FLUORO-SORB® Adsorbent

COMMERCIAL OVERVIEW

Year Four at Gabelli PFAS Symposium

FLUORO-SORB® adsorbent has advanced from introduction and academic validation to global commercialization.

4TH YEAR

2023 INTRODUCE

01 Technology Introduction

- Introduced at 2023 Symposium
- University studies establish technical foundation
- Initial field pilot programs begin

2024 VALIDATE

02 Field Validation Expands

- Rapid increase in field studies
- Strong performance versus commercial adsorbents
- Interest broadens across deployment formats and commercial verticals

2025 SCALE

03 Full-Scale Proof

- Case studies highlight full-scale implementations
- Real-world performance strengthens credibility
- Commercial deployment story becomes tangible

2026 GLOBALIZE

04 Global Commercial Momentum

- Significant international interest
- Strong global piloting pipeline
- Full-scale implementations continue to advance

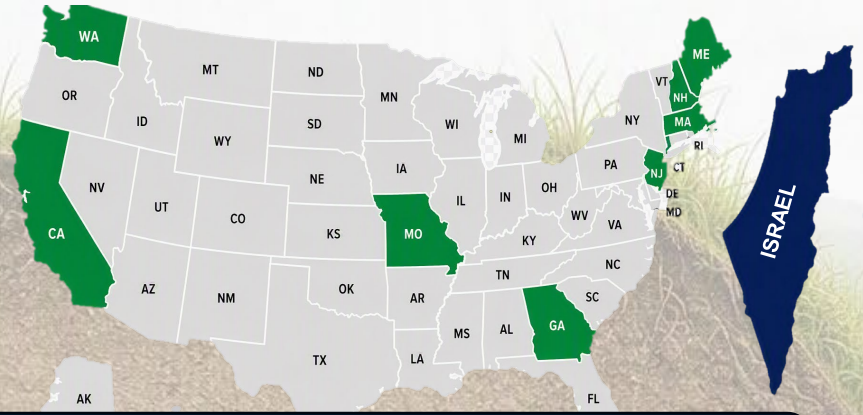
FLUORO-SORB® Adsorbent
Commercialization Progress

10 FULL-SCALE MUNICIPAL DRINKING WATER SYSTEMS OPERATING IN:



MASSACHUSETTS NEW JERSEY MAINE

18 NEW MUNICIPAL DRINKING WATER SPECIFICATIONS IN: CA, GA, MA, MO, NJ, WA & ISRAEL



MUNICIPAL DRINKING WATER

GROUNDWATER | SURFACE WATER

>250 pilots and studies across verticals

Alberta
British Columbia



Alabama
California
Colorado
Massachusetts
Michigan
Minnesota
New Hampshire
Ohio
West Virginia



Belgium
Netherlands
Sweden
United Kingdom

ENVIRONMENTAL REMEDIATION

SOIL MIXING | STORM WATER

IN SITU BARRIERS | GROUND INJECTION

LINING

International Marketplace
Market Validation to Commercial Deployment

2026 MARKET PROGRESS

COMMERCIAL DEPLOYMENT

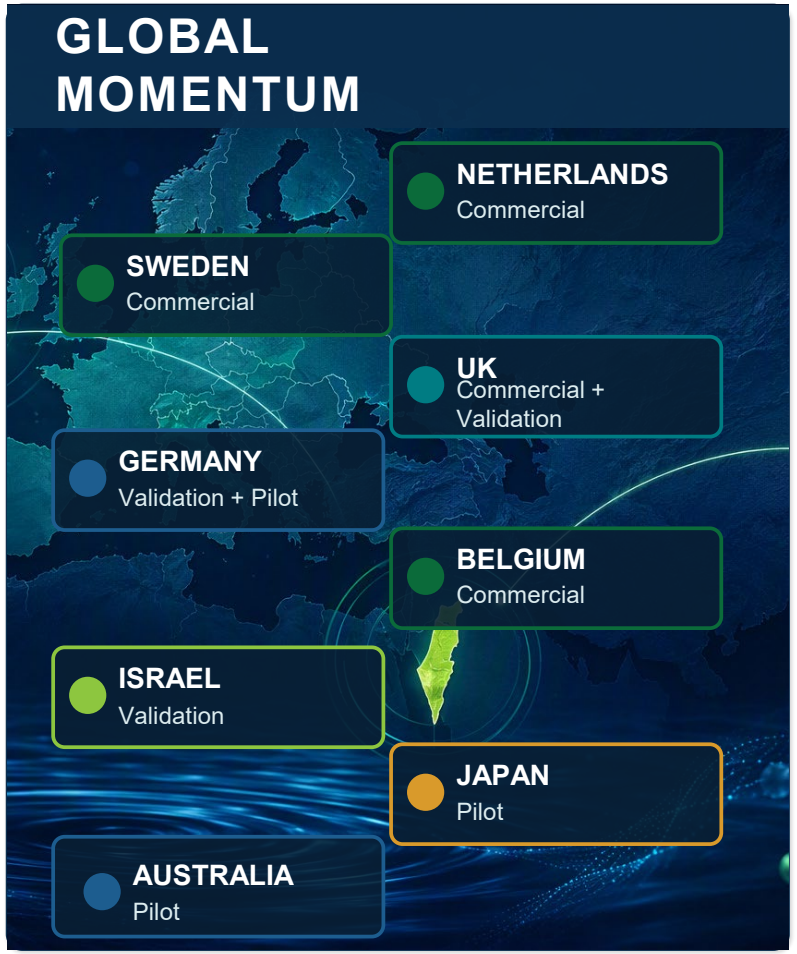
- **UNITED KINGDOM** — Groundwater pump-and-treat; stormwater mitigation
- **SWEDEN** — Military REACTIVE CORE MAT®; groundwater pump-and-treat
- **BELGIUM** — PFAS soil stabilization; industrial wastewater
- **NETHERLANDS** — Groundwater pump-and-treat

VALIDATION / APPROVAL

- **ISRAEL** — **Drinking-water** pilots complete; full-scale under review
- **GERMANY** — EPA **drinking-water** validation pilot
- **UNITED KINGDOM** — **Drinking-water** approval testing

PILOT / DEMONSTRATION

- **GERMANY** — REACTIVE CORE MAT®
- **FRANCE** — Drinking water pilots; wastewater pilots
- **JAPAN** — Drinking water pilots; soil stabilization pilots
- **AUSTRALIA** — Landfill leachate treatment, full-scale



2026 INFLECTION POINT **Growing number of countries now have defined paths to repeatable, full-scale revenue.**



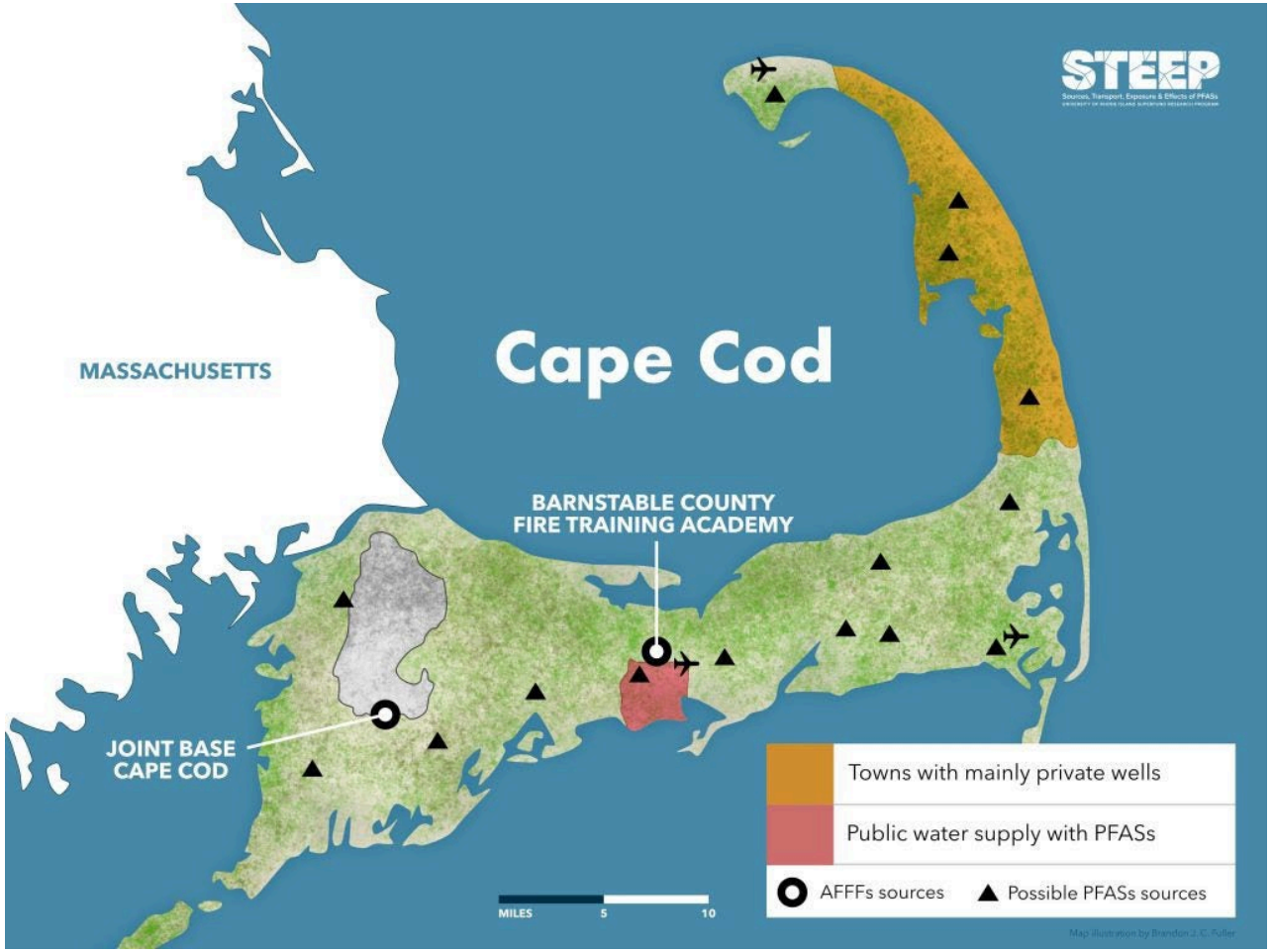
Drinking water system in NJ using FLUORO-SORB® to treat 1 million gallons per day

FLUORO-SORB® Adsorbent

CASE HISTORIES

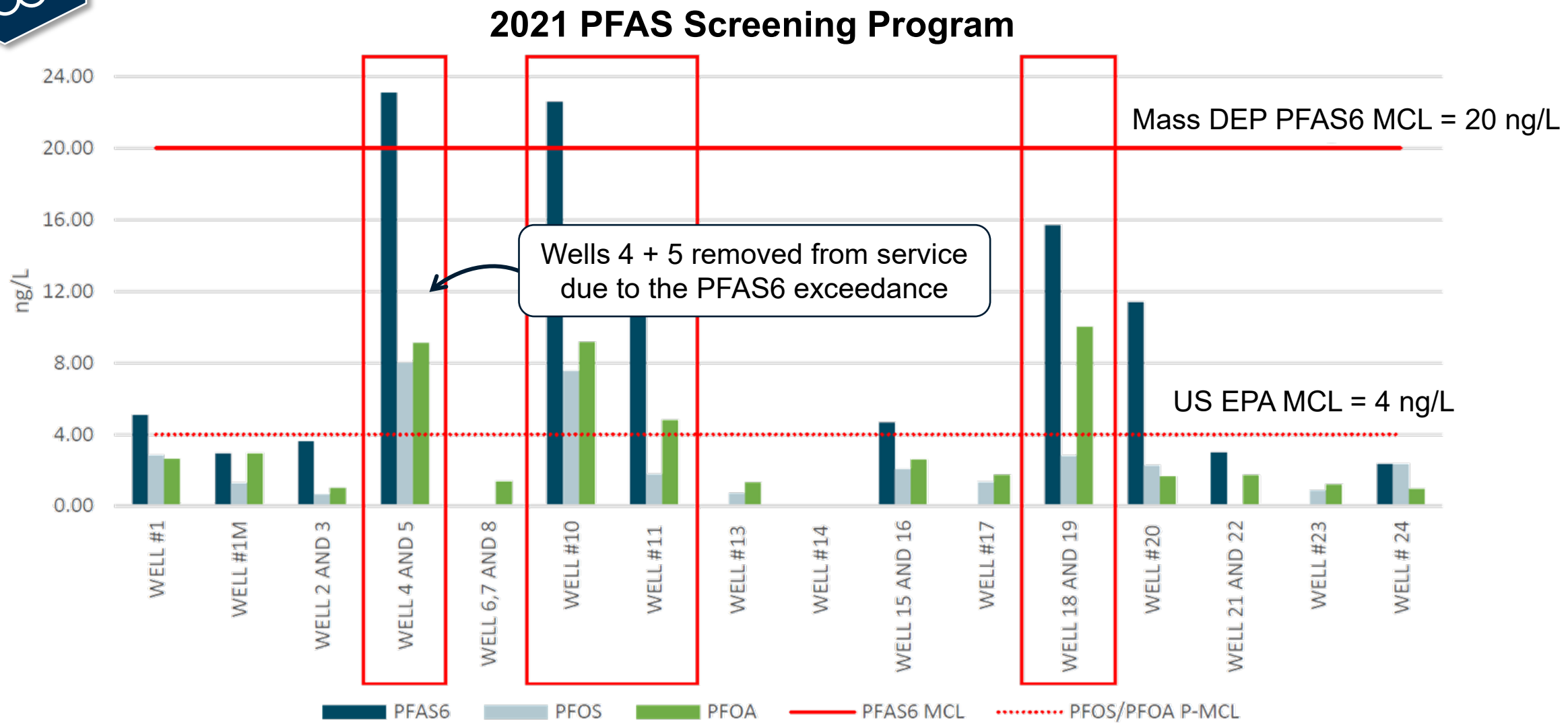
CASE STUDY: YARMOUTH, MA

- Town of Yarmouth in Cape Cod, MA has a population of ~25,000
- Seasonal tourism leads to fluctuation in population up to 40k people
- Drinking water is supplied by groundwater from the Sagamore and Monomoy Lens aquifers
- PFAS source contamination may be from Barnstable County fire training area, Joint Base Cape Cod, local airports, landfills, and municipal biosolids

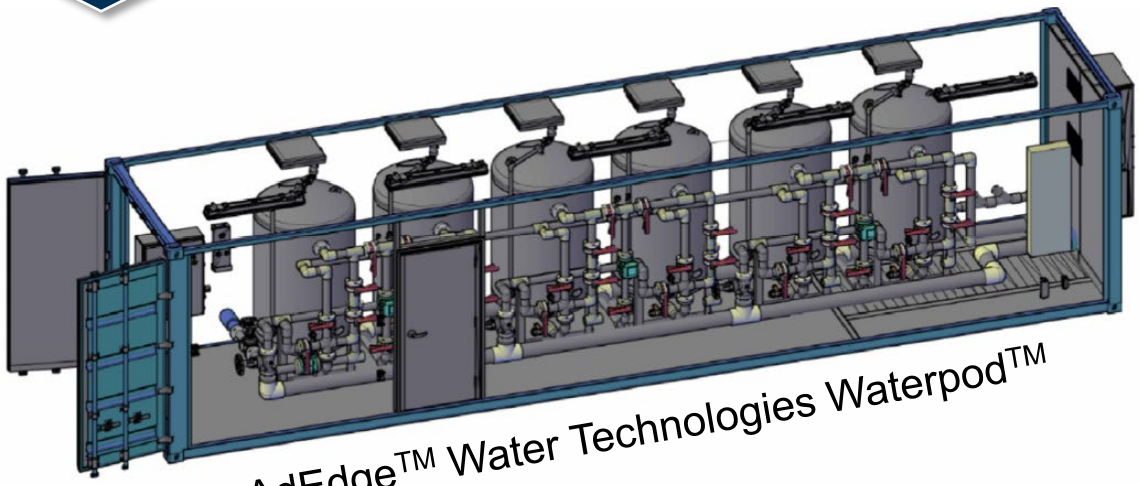


Source: STEEP, University of Rhode Island

CASE STUDY: YARMOUTH, MA

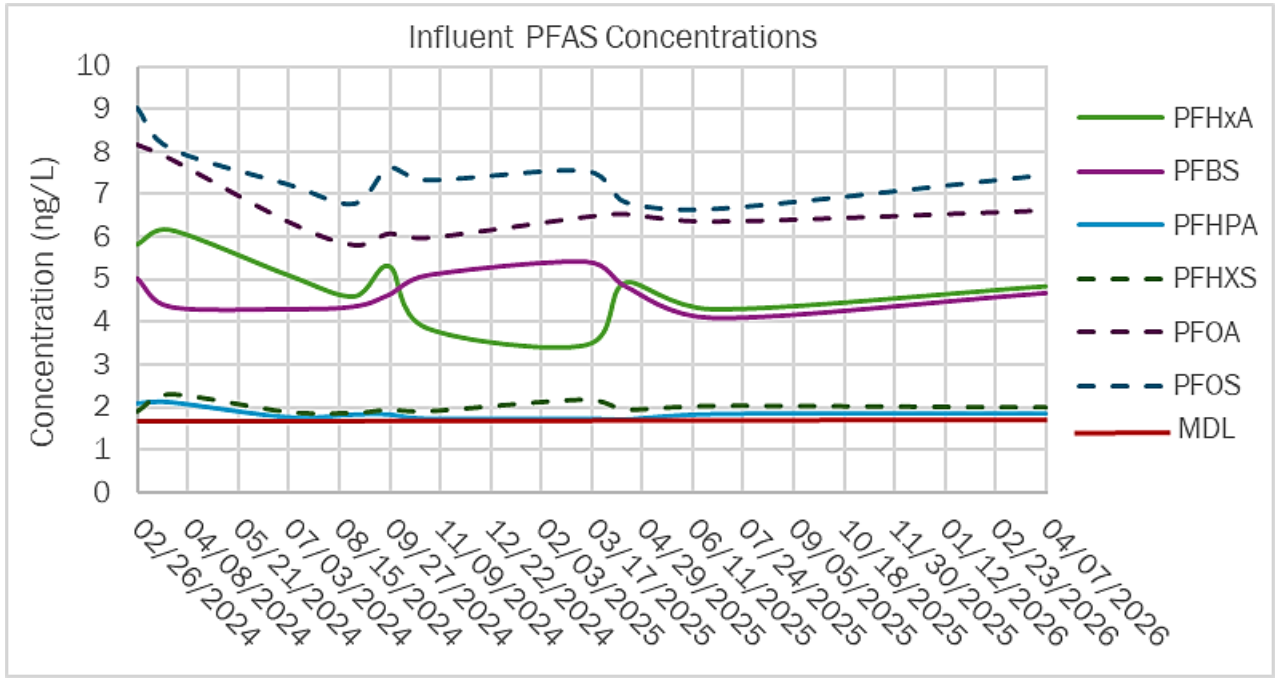


CASE STUDY: YARMOUTH, MA



AdEdge™ Water Technologies Waterpod™





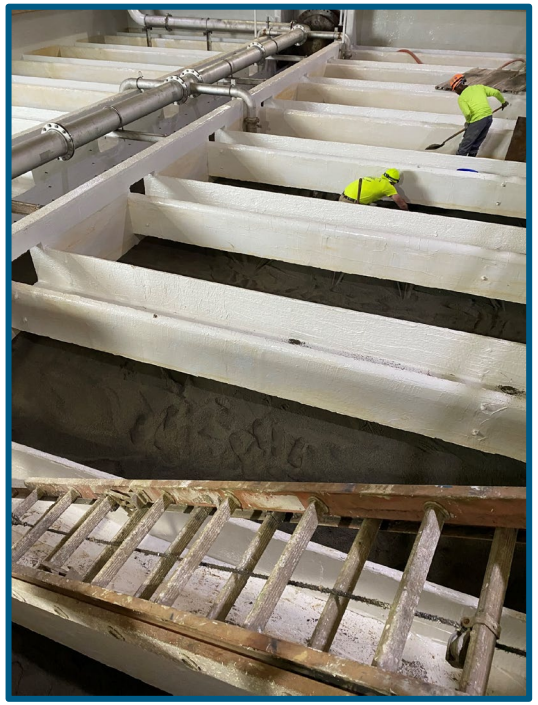
Since installation in February 2024, there have been no PFAS detections.



SURFACE WATER PLANT (NEW JERSEY)









- A ~130 MGD surface water treatment plant installed FLUORO-SORB® Adsorbent for removal of PFAS
- Small-scale piloting showed the life span of FLUORO-SORB® Adsorbent could be a strong economic choice
- 178 tons of FLUORO-SORB® Adsorbent were installed into one of their gravity contactors to remove PFAS

SOIL REMEDIATION (BELGIUM)



Dispersing FLUORO-SORB® Adsorbent



Till into the soil with mixing head

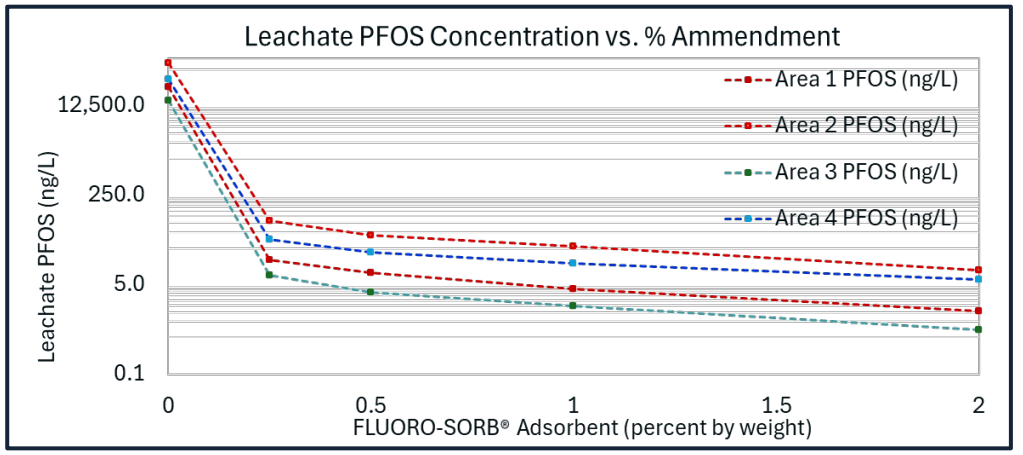
- Belgian facility using FLUORO-SORB® Adsorbent to stabilize PFAS-impacted soil
- 0.5% FLUORO-SORB® Adsorbent is being mixed to meet regulatory compliance
- This methodology allows processing of up to 500 tons of impacted soil per hour

Used by permission, Williams, Army Corp of Engineers

SELFRIDGE AIR FORCE BASE (MICHIGAN)







- High PFOS soil contamination from prior use of aqueous film forming foam (AFFF)
- FLUORO-SORB® Adsorbent was deployed over 8 acres to prevent leaching into groundwater
- Dosage of 0.5 – 1% FLUORO-SORB® Adsorbent mixed with soil
- PFOS leaching reduced by 95 – 100%

Used by permission, Williams, Army Corp of Engineers

WRIGHT PATTERSON AIR FORCE BASE (OHIO)



Groundwater Capture Trench



Filtration Basin
with FLUORO-SORB® Adsorbent

- The base selected FLUORO-SORB® Adsorbent at two of the sites deemed most contaminated
- FLUORO-SORB® Adsorbent reduces their batch treatment time from 3-4 hours to 15 minutes
- The treatment systems ensure both groundwater and surface water are below the MCLs set by the U.S. EPA

Jenilee Borek, Dayton 24/7 Now (2025), *"Wright-Patterson Air Force Base gives update on 2 PFAS treatment sites"*
Alese Underwood, Spectrum News1 (2025), *"Wright-Patterson Air Force Base shows PFAS response efforts"*

ELLSWORTH AIR FORCE BASE (SOUTH DAKOTA)





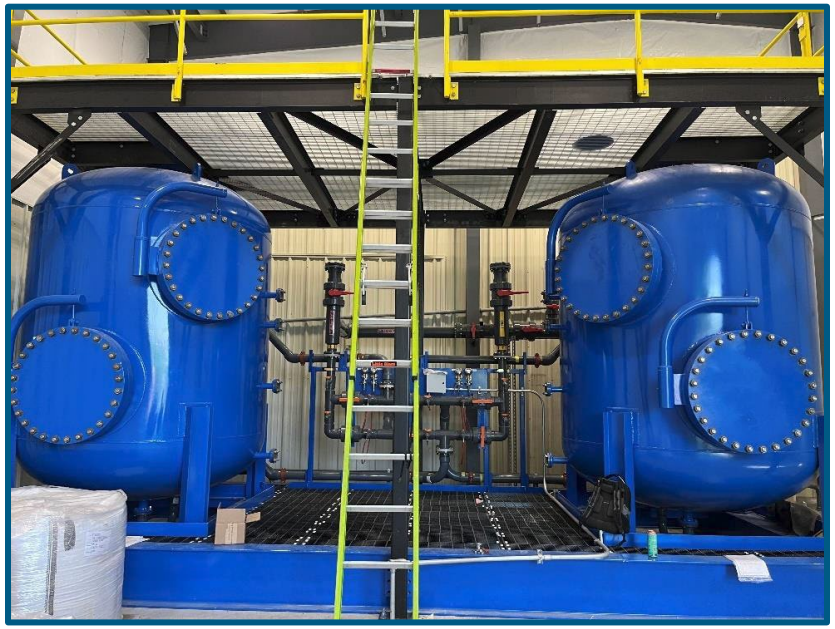


- High PFAS concentrations observed in surface water due to groundwater upwelling
- A REACTIVE CORE MAT® containing FLUORO-SORB® Adsorbent (400 x 15 ft) was placed along the stream
- Measurements were made quarterly over 2 years showing significantly reduced downstream concentrations
- REACTIVE CORE MAT® remains deployed and continues to remove PFAS

Used by permission, Erickson, ARCADIS; Krebs, Army Corps of Engineers
Erickson, Jay "*PFAS Mass Discharge Control and Surface Water Treatment using REACTIVE CORE MAT® at Ellsworth AFB, South Dakota",* Battelle Sediments Conference 2025, E5: Monitoring and Evaluating Remedy Effectiveness

CONFIDENTIAL LANDFILL SITE (USA)





- Treatment of landfill leachate was required at a site with total PFAS exceeding 50,000 ppt
- Piloting >1 year decreased PFAS to goal levels, showing FLUORO-SORB® Adsorbent as a strong economic choice
- A vessel purification system containing FLUORO-SORB® Adsorbent was installed to treat 300,000 gallons per day
- Full-scale installation has been running for >3 years with media change-out every 4 months

FLUORO-SORB® Adsorbent
Well-Positioned Proven Technology

Versatility of Deployment

Global Footprint

Demonstrated Cost Effectiveness

Outperforms Other Solutions

Full-Scale Deployments

Patented

Mineral Reserves Coupled with Proprietary Technology

Commercial Verticals



250+ PILOTS & STUDIES ACROSS ALL VERTICALS

PFAS Remediation Technology: FLUORO-SORB® Adsorbent



FLUORO-SORB®
ADSORBENT

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Innovative Technologies.
Essential Solutions.®

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