MINERALS TECHNOLOGIES

PFAS Remediation Technology: FLUORO-SORB® Adsorbent

September 28th, 2023

Forward Looking Statements

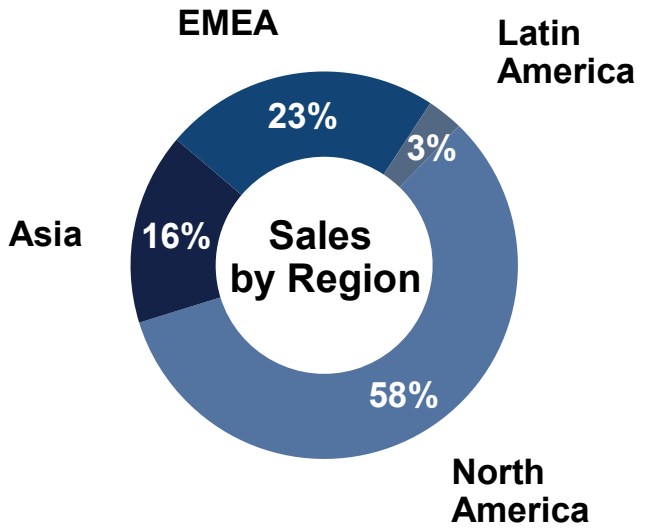
This presentation may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations and forecasts of future events such as new products, revenues and financial performance, and are not limited to 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; claims for legal, environmental and tax matters or product stewardship issues; the continuing effects of the COVID-19 pandemic and the resulting preventative measures; 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 2022 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.

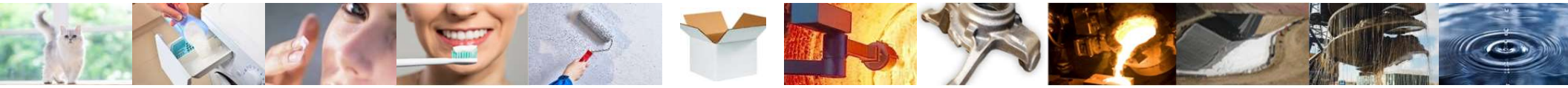
MINERALS TECHNOLOGIES

A Global Specialty Minerals Company

$2.1B	4,000+	32	12
Net Sales	Employees	Countries	R&D Centers

- Technology driven specialty solutions and applications provider that is an ***essential part of everyday life***
- Global footprint aligned with our customers and growth opportunities
- Vertically integrated with unique mineral reserves





Innovative technologies. Essential solutions.™

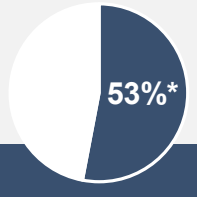
*All numbers are full year 2022

MTI OF TODAY

A Well-Balanced and Well-Positioned Growth Portfolio

CONSUMER & SPECIALTIES

Functional components in a variety of consumer and industrial goods



Household & Personal Care




Functional Additives

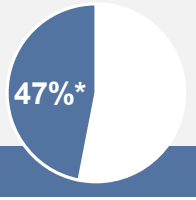
Specialty Additives




Crystal Engineering

ENGINEERED SOLUTIONS

Designed to improve our customers' manufacturing processes and projects



High-Temperature Technologies




Engineered Blends

Environmental & Infrastructure



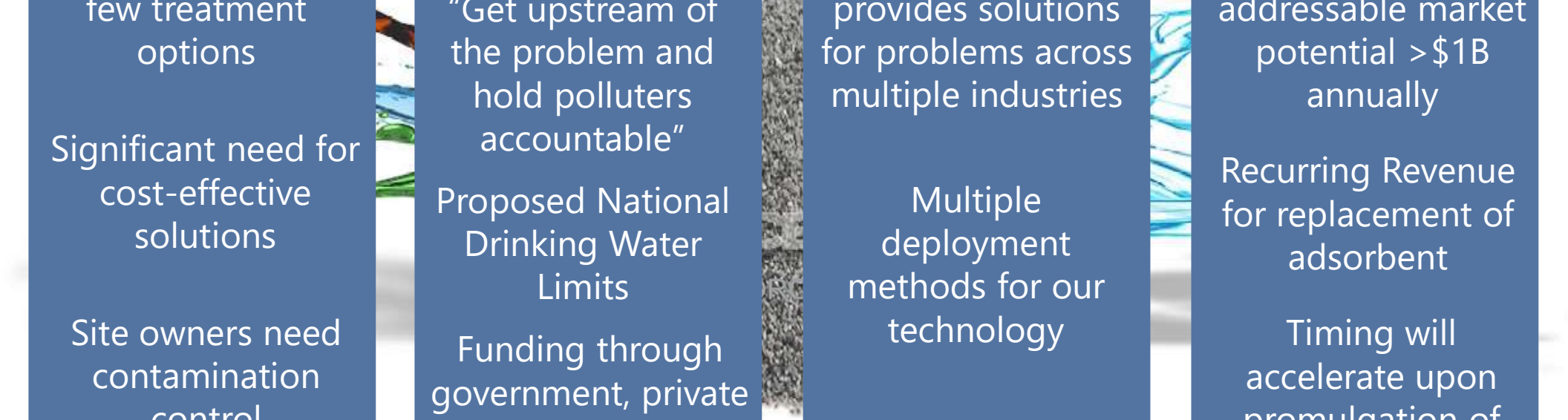

Particle Surface Modification

Project based products and solutions
Environmental lining systems**, Water and remediation**, Drilling products and Building materials

Innovative technologies. Essential solutions.™

*Percentage of Total 2022 Sales

PFAS Remediation Technology: FLUORO-SORB® Adsorbent



Need

Stakeholders have few treatment options

Significant need for cost-effective solutions

Site owners need contamination control

Drivers

EPA commitment to "Get upstream of the problem and hold polluters accountable"

Proposed National Drinking Water Limits

Funding through government, private clean-ups and litigation

Solution

FLUORO-SORB® provides solutions for problems across multiple industries

Multiple deployment methods for our technology

Opportunity

Serviceable addressable market potential >$1B annually

Recurring Revenue for replacement of adsorbent

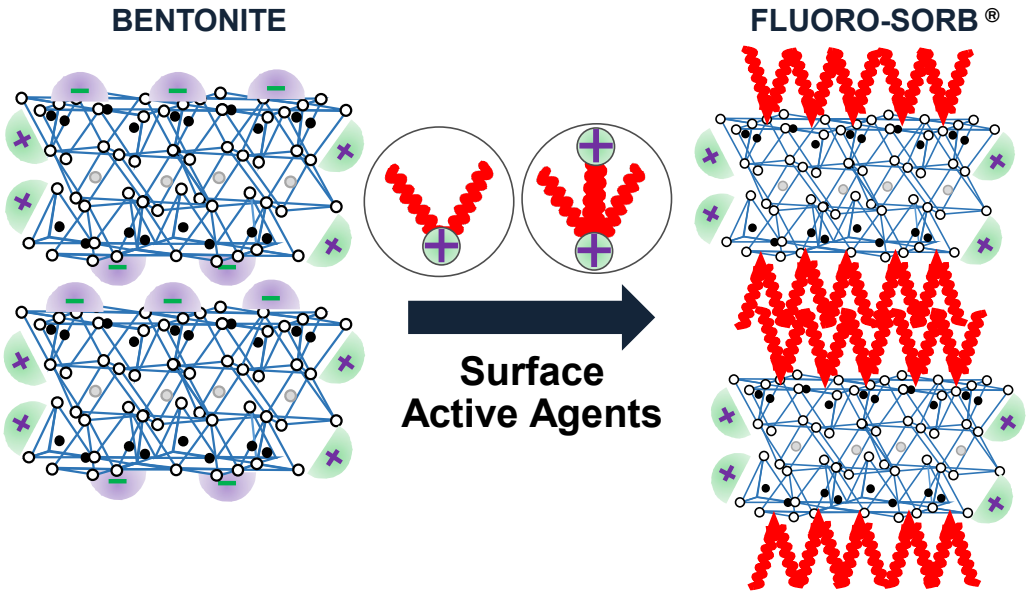
Timing will accelerate upon promulgation of regulations

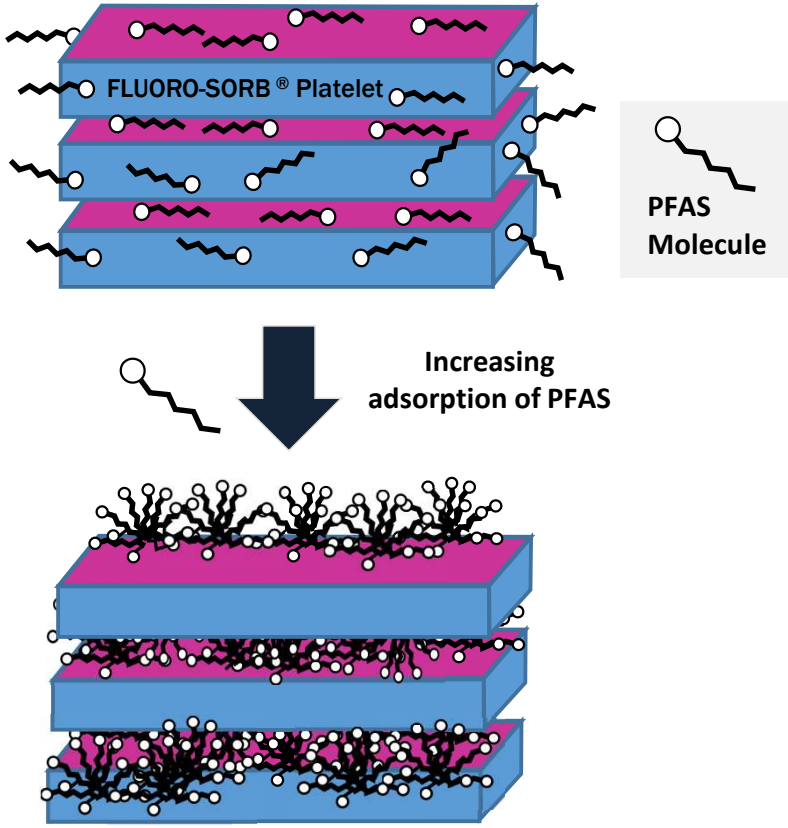
Particle Surface Modification

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

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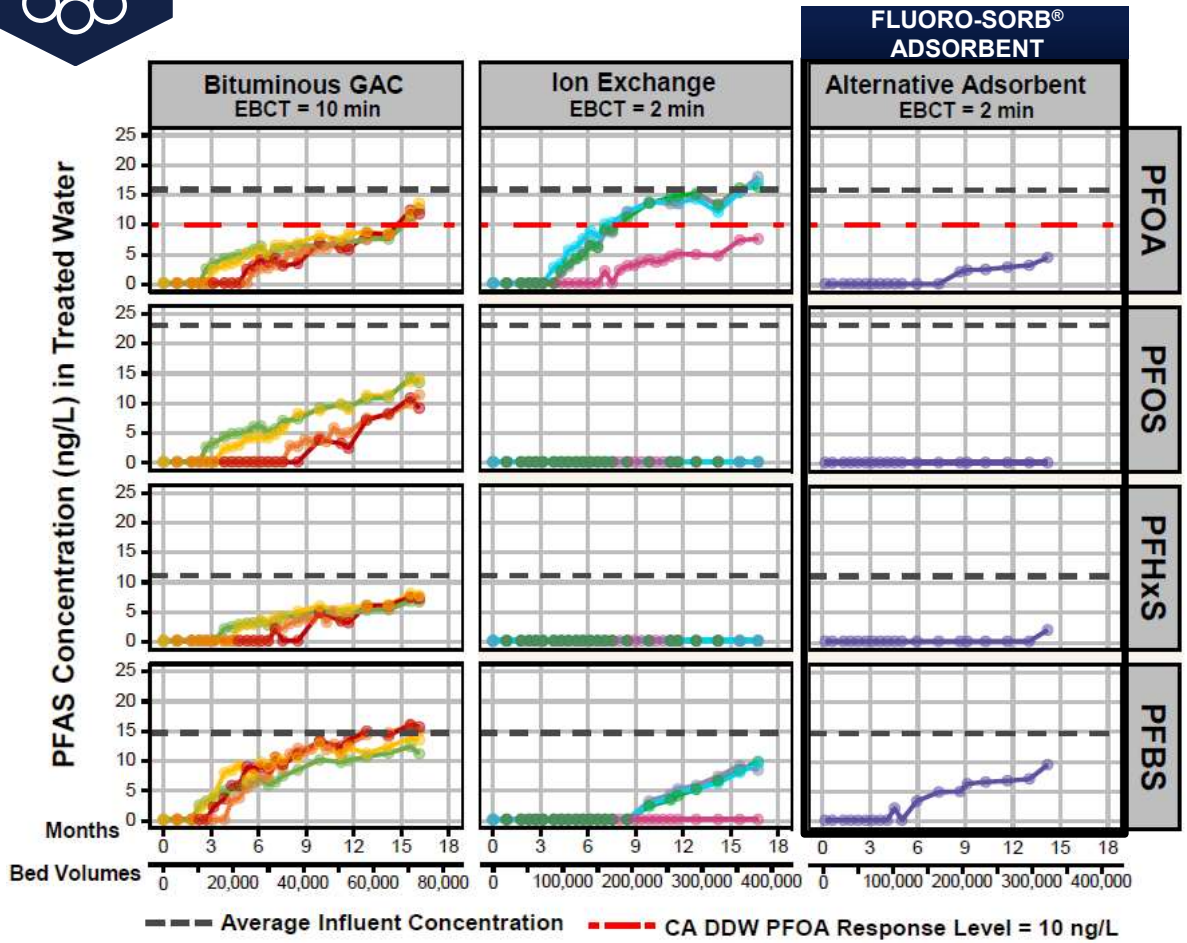
Source: Yan, B., Wang, J., Liu, J. (2021) Water Research, 201, 117371.

FLUORO-SORB® Adsorbent Performance



Proven superior results derived from study conducted by large public water district**:**

- FLUORO-SORB® Adsorbent outperforms alternative technologies, including Activated carbon and Ion Exchange Resin
- Effective across the broad range of PFAS molecules

Innovative technologies. Essential solutions.™

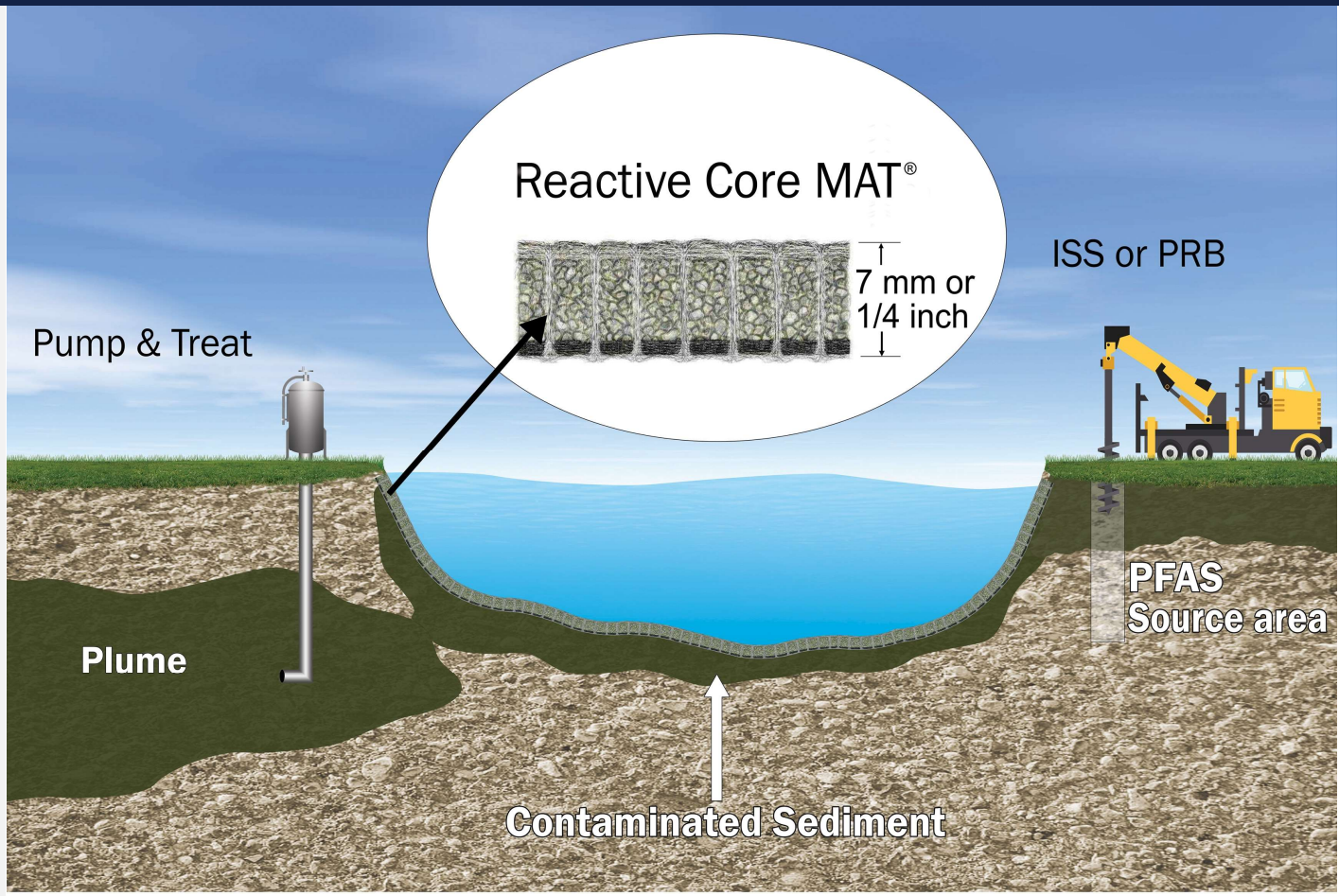
Source: Orange County Water District, "PFAS Phase I Pilot-Scale Treatment Study Final Report" (www.ocwd.com/wp-content/uploads/2021-03-24_ocwd-pfas-pilot-i_finalreport.pdf)

FLUORO-SORB® Adsorbent
Versatility of Deployment

Technology designed to selectively adsorb PFAS from water and sediments

FLUORO-SORB® 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
Commercial Verticals

DRINKING WATER

LANDFILL LEACHATE

WASTEWATER

REMEDIATION

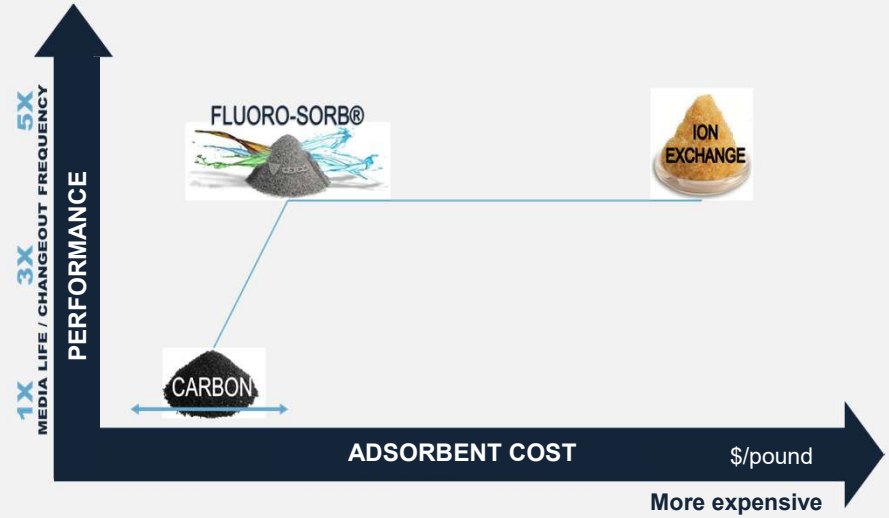
200+ ACTIVE PILOTS AND STUDIES ACROSS ALL VERTICALS

Total N. America Opportunity	3,400-6,300 Sites >EPA limit*	2600+ MSW Landfills	3,000+ Municipal/ Industrial sites**	30,000+ Gov't/Industrial Sites†
Current MTI Global Activity	5 Permitted Sites	2 Full-Scale Sites	5 Full-Scale Sites	9 Completed Projects
Global Opportunities in Pipeline	250+	120+	30+	60+

*Proposed PFAS National Primary Drinking Water Regulation (epa.gov)
**Source: Environmental Business International, Inc. EBI estimates using site count estimates from EPA, ITRC, U.S. DOT FAA, water and solid waste industries associations, and a consensus of expert respondents to a % possible PFAS contamination surveys and interviews.
†Figures calculated or using the midpoint of consensus ranges per presentation at the "Strategic Information for a Changing Industry" Webinar

FLUORO-SORB® Adsorbent
Value Proposition

Operating Efficiency



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Kinetics and Capacity

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

Carbon VS. FLUORO-SORB®

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

FLUORO-SORB® = Higher Performance + Lower Capital Cost + Lower Operating Cost

FLUORO-SORB® Adsorbent
Proven Technology

Need

Industries have few treatment options

Stakeholders need cost-effective solutions

Site owners need contamination control

University Tested and Peer Reviewed

Patented

Outperforms Other Sorbent Products

Versatility of Deployment

Demonstrated Cost Effectiveness

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