

A Comprehensive Approach to
PFAS Contamination Treatment



from
Source
to
Solution
newterra

POTABLE WATER

DOMESTIC WASTEWATER

MEDIA SERVICES

INDUSTRIAL WASTEWATER

INDUSTRIAL WATER

REMEDATION

STORMWATER

▶ With over 45 years of PFAS treatment expertise, Newterra is your partner in ensuring compliance, protecting public health, and safeguarding your operations.



PFAS: The ‘Forever Chemicals’ Threatening Water Quality and Public Health

PFAS contamination, known as the “forever chemicals” crisis, is a **major U.S. environmental and health issue**. Persistent in water systems, it **accumulates over time, affecting millions** by compromising water quality and increasing risks of cancer, immune suppression, and developmental issues.

Untreated PFAS: A Persistent Threat to Health, Environment, and Communities

Untreated PFAS contamination **harms the environment, health, economy, and society**, persisting in ecosystems and posing risks like cancer and immune suppression. It drives costly cleanups, legal penalties, and community distrust. **Proper treatment is essential to protect health and resources.**



A Newterra Activated Carbon Adsorption Rental System is set up on a site for the treatment of PFAS Water Treatment for a small municipality

Get PFAS-Smarter!

Addressing the PFAS Challenge

Every challenge is unique, and **Newterra is your trusted partner** in tackling PFAS with **expertise and tailored solutions**. No matter the vessel, media type, or application, we partner with you to deliver **effective, cost-efficient, and reliable systems** that meet the demands of both large municipal projects and specialized industrial applications. From initial assessment to ongoing optimization, we ensure the **optimal performance of your operation** with a technology-driven approach you can rely on.

A Solution For Every Need

Tailored Solutions for Municipalities & Industry



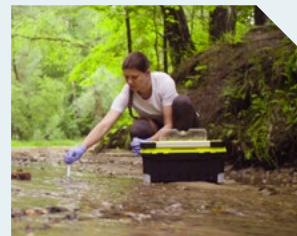
Municipal Officials and Decision-Makers

Our large-scale PFAS solutions guarantee compliance and protect public health, providing municipal leaders with peace of mind.



Industrial Water Management Professionals

Newterra’s scalable and flexible systems meet high-capacity demands, ensuring smooth, uninterrupted operations for industrial applications.



Environmental Consultants and Engineers

We partner with you to deliver site-specific solutions that simplify implementation, ensure compliance, and help you meet client expectations.

Together We Can Solve Your Water and Wastewater Problems

Our innovative products are designed to have a resilient and reliable lifecycle that maximizes your operations cost, budget and environmental goals. Benefit from Newterra’s **extensive experience**, with a track record of **over 10,000 successful installations worldwide**.

By choosing Newterra, you gain access to a **wealth of knowledge**, ensuring **innovative and effective solutions** supported by **decades of research, development, and market-leading products**.



Newterra offers on-site spent media change-out for hazardous and nonhazardous applications, including removal, inspection, optional repairs, and replacement. Additional services like backwashing and startup are available.



Newterra supplied equipment for Wilmington’s PFAS removal facility, supporting design, layout, and permitting. The plant treats 15 million gallons of drinking water daily, with a 30-million-gallon capacity.

How We Can Help

By partnering with Newterra, you benefit from a collaborative approach that minimizes risk, reduces costs, and delivers tailored, high-performing PFAS treatment solutions

Preliminary Design and Feasibility

Simplifying PFAS Treatment: Newterra will partner with you through every stage of system design and feasibility with expertise and tailored solutions.

Transparent Cost Planning: Our team provides detailed capital and operational cost estimates to support confident decision-making.

Tailored, Proven Expertise: Every solution is customized to meet your unique needs, ensuring effective and reliable results.

Pilot Study and Proof of Concept

Real-world Assessment: Newterra offers pilot systems that replicate full-scale treatment processes and data collection under actual operating conditions, ensuring the final solution is both efficient and effective.

Comprehensive Performance Monitoring: Gather detailed data on removal efficiency, operational challenges, and waste management, providing a thorough evaluation of potential system performance.

System Design and Deployment

45+ Years of Vessel Experience: Newterra’s PFAS treatment systems deliver reliable, effective outcomes with the most energy-efficient design available. Our systems scale to meet any need and integrate seamlessly with site specifications

Media Expertise: Newterra offers a variety of high-quality media solutions to optimize PFAS removal for your specific application.

- 1. Granular Activated Carbon (GAC):** Newterra can support a wide variety of GAC types to effectively treat long-chain and short-chain PFAS compounds.
- 2. Ion Exchange Media:** Specialized resins are available for enhanced removal of long-chain and short-chain PFAS, addressing complex contamination challenges.

Lifecycle Maintenance and Support

Initial Start-Up and Calibration: Fine-tune system parameters to achieve optimal PFAS removal. Provide guidance on monitoring and reporting procedures.

Proactive Maintenance: Newterra can provide routine inspections, media exchange, and other scheduled maintenance services.

Efficient Media Management: We streamline the replacement and disposal or reactivation of spent media, to permit maintaining regulatory compliance.

Safe Waste Handling: Newterra handles and disposes of spent media, and other PFAS-laden waste responsibly, adhering to all environmental regulations.

Championing Environmental Responsibility

Align with a partner that doesn’t just talk about sustainability but embeds it in every action. Choosing Newterra means choosing a future where business and environmental responsibility coexist.

🔗 [Click here](#) to learn more about **Newterra’s Core Values** and initiatives reflecting our commitment to sustainability.

🔗 [Click here](#) to learn more about our **2024 Sustainability Report**, highlighting our continued commitment to protecting the environment, supporting our people, and enhancing the communities we serve.

Engage with Ease

Initiating a partnership with Newterra is seamless.

🔗 [Click here](#) to get started by an expert team that is committed to providing top-tier support and services for optimal operational efficiency.

Hundreds of Installations Worldwide

A robust installation base servicing diverse industries with reliable performance and comprehensive support for global clients.

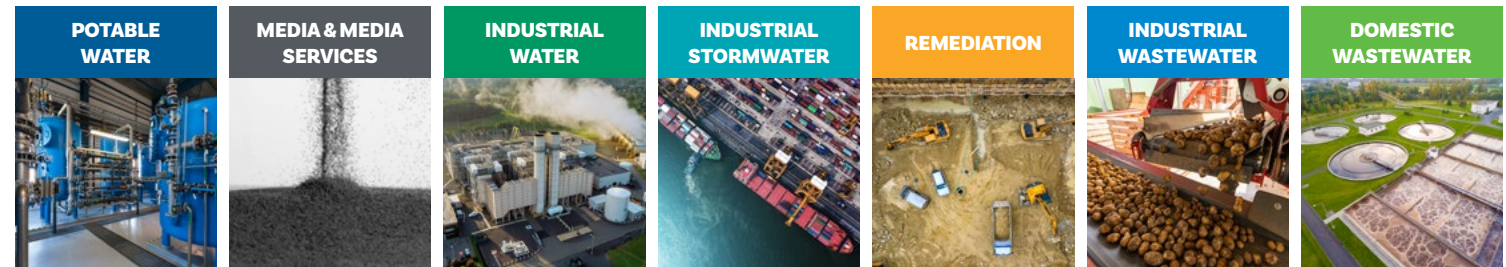
Look to our experience in **PFAS Treatment** and look to us as an invaluable partner for to make your job easier. Newterra’s vast experience and large installation base and industry experience have historically cultivated essential relationships with our clients and suppliers, forming a relationship of collaboration and trust in new projects or partnerships.

See a sample project list below, showcasing our expansive offerings of PFAS Solutions across many industries.

Year Supplied	Project Location	Market Served	Equipment Supplied	Contaminants
2024	Pennsylvania (USA)	Municipality	CP40K-12 System (Emergency System)	PFAS Treatment
2024	Pennsylvania (USA)	Municipality	GAC Treatment System	PFAS Treatment (Four Well-sites)
2024	Massachusetts (USA)	Municipality	CP20K-10 GAC Systems	PFAS Treatment
2024	Massachusetts (USA)	Municipality	Two (2) CP40K-12 Systems	PFAS Treatment
2024	Wisconsin (USA)	Municipality	Four (4) Cansorb P-High Pressure Vessels	PFAS Treatment
2023	Massachusetts (USA)	Municipality	Three (3) CP20K-10 Systems	PFAS Treatment (Impacted Wells)
2023	New York (USA)	Municipality	CP40K-12 LI 10” System	PFAS Treatment (Multiple Well-sites)
2023	Massachusetts (USA)	Municipality	Three (3) CP20K-10 Systems	PFAS Treatment
2023	New York (USA)	Municipality	CP40K-12 LI 10” System	PFAS Treatment
2023	New Jersey (USA)	Municipality	CP20K-10 System	PFAS Treatment
2023	New York (USA)	Municipality	CP40K-10 LI System (Emergency Replacement System)	PFAS Treatment
2023	New York (USA)	Municipality	(3) CP40K-12 LI 10” Systems	PFAS Treatment
2023	Massachusetts (USA)	Municipality	Cansorb P-High Pressure Vessels	PFAS Treatment
2020	New York (USA)	Municipality	(2) Dual GAC Vessel Systems	1-4 dioxane and PFAS
2020	Kansas (USA)	Municipality	(2) Dual GAC Vessel Systems	PFAS Treatment
2019	New York (USA)	Municipality	(2) Dual GAC Vessel Systems	1-4 dioxane and PFAS
2019	New York (USA)	Municipality	(1) Dual GAC Vessel System	1-4 dioxane and PFAS
2019	New York (USA)	Municipality	(1) Dual GAC Vessel System	1-4 dioxane and PFAS
2017	Colorado (USA)	Municipality	(2) Dual GAC Vessel Systems	PFAS Treatment
2017	West Virginia (USA)	Municipality	(4) Dual GAC Vessel Systems	PFAS Treatment
2016	Washington (USA)	Municipality	(2) Dual GAC Vessel Systems	PFAS Treatment
2016	Massachusetts (USA)	Municipality	(2) Dual GAC Vessel Systems	PFAS Treatment
2016	Pennsylvania (USA)	Municipality	(2) Dual GAC Vessel Systems	PFAS Treatment
2008	Washington (USA)	Municipality	GAC Series	PCBs & PAH



“With Newterra, it’s more than a service; it’s a partnership... minimizing media consumption and maximizing efficiency.”



From Source to Solution – Choose Newterra

Your trusted partner for comprehensive environmental solutions

With technology brands whose histories expand back for more than 150 years, Newterra has steadily grown from its roots to become a global solutions provider in water and wastewater treatment. Our journey is a testament to our deep understanding of the multifaceted challenges across various markets and applications.

Our “One Newterra” ethos is a commitment to providing a comprehensive array of technical solutions, ensuring we address the full spectrum of our clients’ needs. This dedication extends beyond technology, as we nurture enduring partnerships with our clients, standing by them throughout every phase of their challenges. At the heart of Newterra is our unwavering commitment to sustainability.

Our people, our technologies and our practices contribute meaningfully to a sustainable and brighter future.



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