

A Comprehensive Approach to
Industrial Water Treatment



A central graphic with a white circle containing the text "from Source to Solution" and the newterra logo. Surrounding this central circle are six colored segments, each with a label and an associated image: 1. "INDUSTRIAL WATER" (green segment) with an image of a large industrial facility with multiple rows of white filtration tanks. 2. "STORMWATER" (teal segment) with an image of a large blue rectangular tank containing yellowish water. 3. "REMEDIATION" (orange segment) with an image of an industrial site with large metal tanks and equipment. 4. "INDUSTRIAL WASTEWATER" (blue segment) with an image of a large circular tank with a mechanical agitator. 5. "DOMESTIC WASTEWATER" (green segment) with an image of a white portable treatment unit in a rural setting. 6. "POTABLE WATER" (blue segment) with an image of several large white storage tanks. A seventh segment, "MEDIA SERVICES" (grey segment), is located on the left side and features a close-up image of grey cylindrical filter media.



▶ Newterra empowers industry to navigate sustainability goals, control costs, meet growing demands, and deliver high-quality industrial water

Adopting responsible water management practices enhances public image and demonstrates corporate responsibility, making water treatment indispensable for sustainable industrial operations.

Water treatment is vital for industries, ensuring stringent quality standards, enhancing process efficiency, and elevating product quality. It safeguards industrial machinery, extending equipment lifespan and reducing maintenance costs. In industries like pharmaceuticals and electronics, water treatment is pivotal for meeting purity requirements.

Water also plays a crucial role in regulatory compliance, environmental impact reduction, health and safety assurance, resource conservation, energy efficiency, and overall cost savings.



Newterra Deaerators are built for reliability in large-capacity industrial applications like this leading steel and mining company.

Get Industrial Water-Smarter!

Understanding Newterra Industrial Water Technology

The quality and quantity of your water directly impact your facility's operations, production and performance. With Newterra, you can maximize your business performance and minimize your budget with solutions focused on operating efficiency and sustainable, reliable performance.

Our industry-leading experts develop robust systems which are simple to implement and integrate. Thanks to our proven experience and capabilities, we'll help you quickly solve any process water challenges with customizable solutions and services.

Proven Solutions, Reliable Performance

It's critical for your water treatment provider to be competent and credible to ensure it addresses your business's needs. Newterra has helped thousands of facilities treat their water with high-performance solutions. Thanks to our broad knowledge and field proven technologies, you'll gain sustainable water treatment for the long term.

Practical Approaches to Your Operations

Halting operations for water treatment can hurt your business. Our team will work with you to provide practical solutions and services which mitigate risk and minimize disruption to your core operations.

High-Quality Service & Collaboration

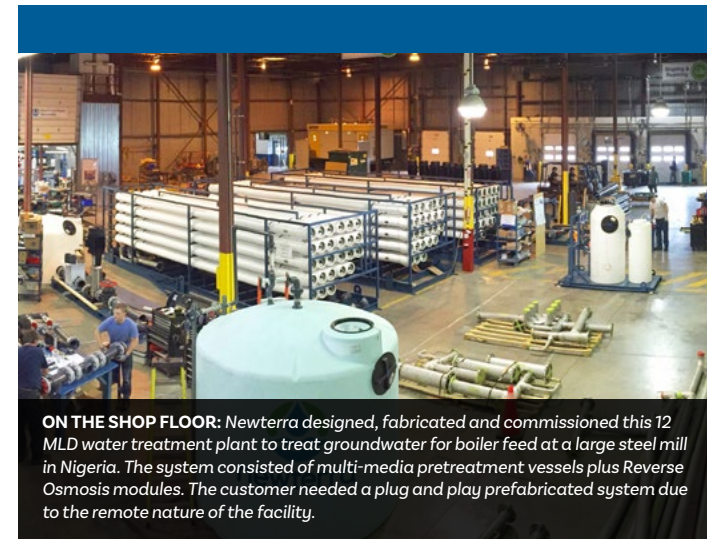
It's easier to choose the right treatment solutions from a team who quickly solves your challenges and presents you with nimble solutions. Our collaborative experts will understand your needs and goals before customizing a solution which optimizes your business' resources.

Cost-Effective Systems

The best industrial process water systems and services for your operation must make financial sense. Our efficient approaches protect against excess maintenance and operating costs while promoting the sustainability of your business. In the realm of industrial water management, Newterra offers an array of sophisticated water treatment systems that play a pivotal role in ensuring the quality, reliability, and sustainability of water resources for many industries such as **Food and Beverage, Power Generation, Pharmaceuticals, Chemical Manufacturing, Steel and Metal Production, Oil and Gas, Pulp and Paper, Automotive Manufacturing**, among others.

Water Filtration Systems: Filtration processes to remove suspended solids, contaminants, and impurities from water.

Reverse Osmosis Systems: Advanced membrane technology to separate salts, minerals, and other impurities from water.



ON THE SHOP FLOOR: Newterra designed, fabricated and commissioned this 12 MLD water treatment plant to treat groundwater for boiler feed at a large steel mill in Nigeria. The system consisted of multi-media pretreatment vessels plus Reverse Osmosis modules. The customer needed a plug and play prefabricated system due to the remote nature of the facility.



A Newterra RO System installed at a District Energy Cooling Plant in LA provides chilled water for air conditioning to more than 12 million sq ft of building space within a 15-square-block area.

Newterra Deaerators are built for reliability in large-capacity industrial applications. Simplicity and a rugged design offer cost savings over a varying load range, especially where a high percentage of condensate returns are introduced. They are American Society of Mechanical Engineers (ASME) stamped and meet Heat Exchange Institute (HEI) requirements.

Water Softening: Treatment to remove hardness ions, such as calcium and magnesium, from water.

Chemical Treatment: Addition of chemicals to control pH, prevent scaling, and address specific water quality issues.

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.

Comprehensive Solutions from One Provider

With technologies and services to meet just about any water-related need, Newterra can help you refine your strategies, streamline operations, and optimize operational costs.

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 **Newterra's commitment to Environmental, Social, and Governance (ESG) principles**.

Customer Success Comes First

Every challenge is unique, and Newterra has the expertise and resources to support you. Any vessel, any media-type, any application, our team collaborates with you to tailor your solution. Our goal is to ensure the optimal performance of your operation.

Engage with Ease

Initiating a partnership with Newterra is seamless. From a straightforward engagement form to prompt follow-ups, we prioritize your experience from start to finish.

[CLICK HERE](#) to get started by an expert team that **IS** committed to providing top-tier support and services for optimal operational efficiency.

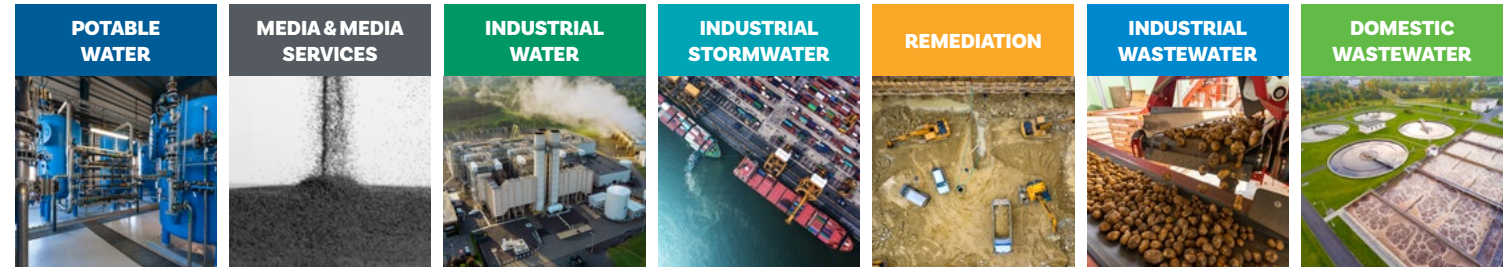
Hundreds of Installations Worldwide

A Robust Installation Base Effectively Servicing

Look to our experience in **Industrial Water** 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 Industrial Water solutions across many industries.

Year Supplied	Project Location	Market Served	Equipment Supplied	Capacity
2024	Alberta (Canada)	Food & Beverage	GAC Vessels/MBR System/RO System	NA
2024	Connecticut (USA)	Power & Utilities	Demineralization / Ion Exchange	NA
2023	California (USA)	Electronics Manufacturer	DI Polishing Skid	NA
2023	California (USA)	Food & Beverage	Ozone Generator & Controls Cabinets	NA
2023	New Brunswick (Canada)	Food & Beverage	Boiler Feed Water System (RO & Softeners)	NA
2022	Georgia (USA)	Chemical Processing	Uni-Pac Deaerator	100,000 (lb/hr)
2022	Hawaii (USA)	Power & Utilities	Boiler Feed Water Pre-Treatment System	70 GPM
2022	New York (USA)	Waste to Energy Plant	Reverse Osmosis/Electrodeionization System	NA
2022	Texas (USA)	Chemical Processing	Counterflow Type Deaerator (Replacement)	NA
2022	Arkansas (USA)	Thermal Waste Treatment	Process/Boiler Feed Make-Up Water System	NA
2021	New York (USA)	Medical Center	Uni-Pac Model Atomizing Deaerator	NA
2021	Indiana (USA)	Power & Utilities	Parallel Downflow Deaerator with Storage Tank	NA
2021	Indiana (USA)	Chemical Processing	Decarbonator (Replacement)	NA
2021	Sweeden	Battery Recycling Plant	Ion Exchange System	NA
2021	New York (USA)	Hospital	Duplex Activated Carbon with Duplex RO System	NA
2021	Michigan (USA)	University	Deaerator Package System	NA
2021	Massachusetts (USA)	Hospital	(2) Vertical Parallel Downflow T-30F Deaerators	NA
2021	Singapore	Pharmaceutical Facility	Uni-Pac Deaerator Package	10,000 (lb/hr)
2020	Massachusetts (USA)	University	Deaerator Package System	NA
2020	Washington (USA)	Pulp & Paper	Industrial Water Treatment System	NA
2019	Ontario (Canada)	Tissue Manufacturing Facility	Deaerator Package System	126,000 (lb/hr)
2020	Louisiana (USA)	Chemical Processing	Decarbonator (Replacement)	1,000,000 (lb/hr)
2020	Arkansas (USA)	Pulp & Paper	Deaerator Package System	80,000 (lb/hr)
2019	Nova Scotia (Canada)	University Campus	DS-84 Deaerator with Storage Tank	253,730 (lb/hr)
2019	California (USA)	Hospital	(2) Uni-Pac AH-8 Package Deaerators	100,000 (lb/hr)
2019	North Dakota (USA)	Oil & Gas - Downstream	T-36FS Deaerator with Storage Tank	75,831 (lb/hr)
2018	Indiana (USA)	Food & Beverage	T-72S Deaerator Package System	300,000 (lb/hr)
2018	New York (USA)	Power & Utilities	T-36S Deaerator with Storage Tank	80,000 (lb/hr)
2018	Ohio (USA)	Chemical Processing	TC-72 Deaerator with Storage Tank	150,000 (lb/hr)
2016	Kentucky	Power & Utilities	T-132S Deaerator with Storage Tank	1,060,978 (lb/hr)
2016	South Carolina (USA)	Materials Producer	(3) RO's with CIP	300 GPM (3 x 100 GPM)
2016	Illinois (USA)	Oil & Gas - Downstream	HJT-1.3 Deaerator with Storage Tank	1,300,000 (lb/hr)
2015	Maryland (USA)	University Campus	T-36S Deaerator with Storage Tank	70,000 (lb/hr)
2015	Pennsylvania (USA)	Pulp & Paper	T-54S Deaerator with Storage Tank	155,000 (lb/hr)
2015	Washington (USA)	Power & Utilities	T-48S Deaerator with Storage Tank	105,000 (lb/hr)



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 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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