

A Comprehensive Approach to

Industrial Wastewater Treatment



A central circular graphic is surrounded by six segments, each with a different color and label, representing different water treatment services. The segments are: 1. Industrial Wastewater (blue), 2. Domestic Wastewater (green), 3. Potable Water (light blue), 4. Media Services (grey), 5. Industrial Water (teal), and 6. Stormwater (orange). The central text reads "from Source to Solution" with the newterra logo below it. The background images include: a large industrial facility with multiple storage tanks; a circular aeration tank with mechanical stirrers; a white modular container unit; a blue filtration unit; a large white storage tank; and a close-up of grey cylindrical media filters.

REMEDICATION

INDUSTRIAL WASTEWATER

DOMESTIC WASTEWATER

STORMWATER

from
Source
to
Solution



POTABLE WATER

INDUSTRIAL WATER

MEDIA SERVICES

► Treating industrial wastewater is not only a regulatory requirement but also a strategic business decision



At Newterra, our commitment to environmental sustainability is exemplified through our comprehensive industrial wastewater treatment approach.

Newterra's industrial wastewater technologies encompass a diverse range of solutions tailored for treating wastewater from most industrial processes.

Key components comprise customized treatment systems for specific contaminants, advanced filtration and separation techniques such as membrane filtration, targeted pollutant removal via chemical treatments, biological treatment leveraging microorganisms, recycling and reuse solutions for water conservation, and compliance solutions ensuring adherence to environmental regulations with systems meeting or surpassing standards.



Newterra Ozone Water Systems utilizes ozone (O₃) to effectively disinfect and purify water, destroying bacteria, viruses, contaminants, and odors through oxidation

Get Industrial Wastewater-Smarter!

Understanding Newterra Industrial Wastewater Technology

Treating industrial wastewater provides multifaceted benefits to businesses, enhancing both operational efficiency and environmental responsibility.

Regulatory Compliance

Newterra will empower you to meet regulatory compliance and surpass environmental discharge regulations, shielding your company from non-compliance. Simultaneously, proper wastewater treatment fosters resource conservation through water recovery and reuse, contributing to sustainability and cost savings by reducing stress on water supplies.

Operational Efficiency

Beyond compliance, wastewater treatment enhances operational efficiency by improving equipment performance, reducing downtime, and minimizing water consumption, leading to cost reductions. Responsible wastewater management builds a positive public image, attracting environmentally-conscious consumers, and mitigates risks, reducing the likelihood of spills and environmental incidents. This proactive approach **aligns with sustainability goals**, addressing water scarcity and environmental concerns and can positively influence community relations by minimizing the environmental impact.

“By treating industrial wastewater, businesses not only reduce pollutant discharge into water bodies but also improve aquatic ecosystem health, while demonstrating a commitment to water conservation and environmental stewardship.”

Environmental Goals

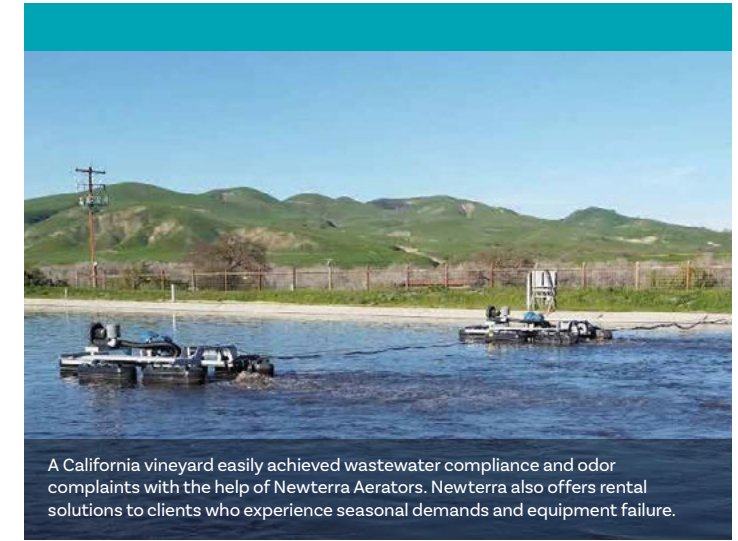
Treating industrial wastewater brings a myriad of **environmental advantages**, notably reducing pollutant discharge into water bodies and improving the overall quality of aquatic ecosystems. This process removes contaminants and toxins, resulting in cleaner water that sustains the health and diversity of aquatic organisms while preserving habitat quality.

Water Conservation

Industrial wastewater treatment plays a pivotal role in water conservation by enabling the reuse of treated wastewater. Reuse aids in global sustainability goals, demonstrating a commitment to responsible resource management and environmental stewardship.



A Newterra Clear³ Containerized Demineralization Water Treatment System provides high-purity water for various purposes at an Ammonia Plant in Rock Springs, WY.



A California vineyard easily achieved wastewater compliance and odor complaints with the help of Newterra Aerators. Newterra also offers rental solutions to clients who experience seasonal demands and equipment failure.

The Newterra Suite of Advanced Industrial Wastewater Treatment Systems

Clear³ Membrane Bioreactor (MBR) Systems use cutting-edge technology to efficiently remove contaminants through a combination of biological processes and membrane filtration.

Aire-O2[®] Aeration & Mixing Solutions enhance oxygen transfer, promoting the growth of beneficial microorganisms for effective treatment.

In addition, **Tornado[®] Subsurface Aerators** deliver excellent oxygen transfer and high mixing efficiency to various wastewater treatment processes in any climate.

Media Filtration further ensures the removal of suspended solids, while **Liquid Phase Adsorber Systems** target specific pollutants through adsorption processes.

Ultrafiltration and Ion Exchange play integral roles in achieving water purity by removing finer particles and exchanging ions, respectively.

Our state-of-the-art **Reverse Osmosis (RO)** technology

guarantees high-quality water by separating impurities at a molecular level.

We extend our expertise to **Industrial Stormwater Treatment**, addressing runoff challenges and safeguarding water quality.

Lastly, our utilization of **Ozone Technology** enhances disinfection and oxidation, ensuring a thorough and environmentally responsible wastewater treatment process.

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

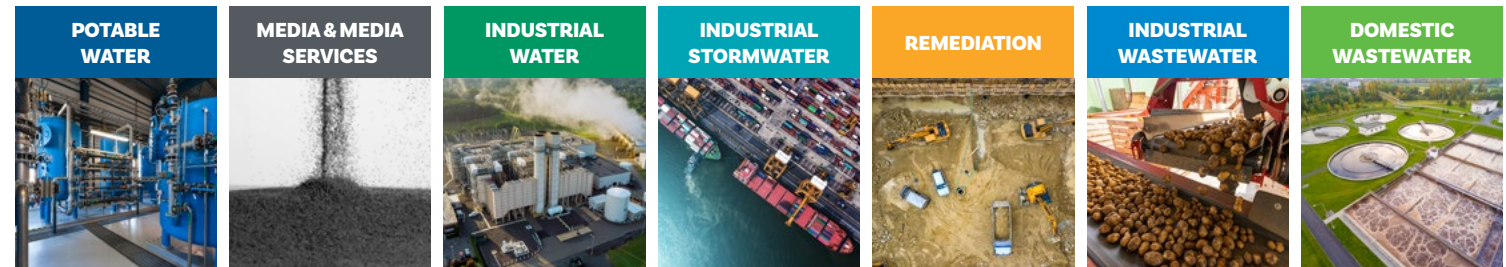
Look to our experience in **Industrial Wastewater** and look to us as an invaluable partner for to make your job easier. Newterra's vast experience and large installation base and industry experience have historically cultivated essential relationships with our clients and suppliers, forming a relationship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

See a sample project list below, showcasing our expansive offerings of Industrial Wastewater solutions across many industries.

Year Supplied	Project Location	Market Served	Equipment Supplied
2024	Wisconsin (USA)	Food & Beverage	Triton® Aeration & Mixing Equipment
2024	Alberta (Canada)	Food & Beverage	ZeeWeed® 500D Membrane Upgrade
2023	California (USA)	Industrial Foundry	Aquip® 400 & 50 SBE with Detention
2023	Montana (USA)	Oil & Gas	Vessel Replacement/Vessel Softener System
2023	Ontario (Canada)	Greenhouse	Ozone Delivery System
2023	California (USA)	Food & Beverage	Ozone Generator & Controls Cabinets
2023	Pennsylvania (USA)	Educational Institution	Cooling Tower Blowdown System & Greywater System
2021	Ontario (Canada)	Poultry Facility	Containerized Wastewater Treatment Plant
2020	Ontario (Canada)	Cheese Factory	Containerized Wastewater Treatment Plant & In-ground Tankage
2020	St Michael (Barbados)	Ice Cream & Meat Processing Plant	Containerized Wastewater Treatment Plant & Above-ground Tankage
2017	Querétaro (Mexico)	Pulp & Paper	(13) Triton Aerators & Aeration Equipment
2017	British Columbia (Canada)	Municipal Transit Maintenance Facility	Wastewater Ultrafiltration & Greywater Reuse System
2016	Ontario (Canada)	Poultry Facility	Containerized Wastewater Treatment Plant & In-ground Tankage
2015	Kentucky (USA)	Whiskey Distillery	Lagoon Aspirator System
2015	Santiago (Chile)	Winery	Containerized Wastewater Treatment Plant
2013	British Columbia (Canada)	Poultry Facility	Containerized Wastewater Treatment Plant & In-ground Tankage
2012	Newfoundland (Canada)	Iron Ore Producer	Containerized Chemical Precipitation System
2010	Ontario (Canada)	Cheese Making Facility	Containerized Wastewater Treatment Plant



“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 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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