



## Optimizing Potable PFAS Solutions with Newterra Tailored Pilot Solutions

### *Essential Piloting Solutions: Ensuring Optimal Water Treatment and Long-Term Cost Efficiency*

Water treatment presents numerous challenges and complexities, and every site is unique. Newterra specializes in tailored solutions, and can support its customers whatever the influent, contaminant, or effluent circumstances demand. Optimal performance means more than effectively treating water. Implementation, site constraints, capital costs, and long-term operations must also be considered. Newterra understands your concerns and will support you in developing a solution that balances all of these considerations. **Your goals come first.**

#### **Rapid Small Scale Column Testing**

##### *An Efficient Preliminary Screening Tool for Treatment Feasibility and Optimization*

RSSCT offers a quick and cost-effective method for evaluating the feasibility of treatment options across various treatment media and conditions. While not as comprehensive as field pilot testing, RSSCT helps to identify promising solutions and optimize treatment processes before committing to more extensive testing phases or expensive solutions.

#### **Field Piloting**

##### *The Most Reliable Indicator of Performance and Cost Efficiency*

Field pilot testing provides the best available data for predicting full-scale performance. This method's superiority lies in its ability to account for variations in water quality over time, which static water samples, theoretical models, or bench-scale testing fail to capture.

### **PFAS Pilot Solutions Key Benefits: Reliability, Cost Savings, and Comprehensive Support**

Our PFAS Pilot Solutions offer reduced risk, improved reliability, and compliance. Tailored solutions reduce costs and maximize effectiveness, while trouble-free operation minimizes downtime. An integrated approach simplifies the process with a single partner, and our commissioning and support services ensure proper installation, testing, start-up, and ongoing lifetime support.





# PFAS Pilot Solutions by Newterra



## Rapid Small Scale Column Testing

### *An Efficient Preliminary Screening Tool for Treatment Feasibility and Optimization*

RSSCT offers a quick and cost-effective method for evaluating the feasibility of treatment options across various treatment media and conditions. While not as comprehensive as field pilot testing, RSSCT helps to identify promising solutions and optimize treatment processes before committing to more extensive testing phases or expensive solutions.

### The Benefits of Implementing Effective Pilot Studies

**Reduced Risk and Improved Reliability:** Minimize the risk of noncompliance and associated penalties while ensuring your water treatment system operates efficiently over time

**Trouble-Free Operation:** Ensure smooth operation from the start, minimizing future downtime and improving overall system reliability

**Cost Savings:** Optimize treatment processes through effective pilot studies, leading to significant savings on operational costs and reducing the need for future repairs

### The Benefits of Partnering With Newterra

**Tailored Solutions:** This personalized approach minimizes unnecessary costs and maximizes the effectiveness of the treatment solution

**Integrated Approach:** Customers have a single point of contact for all their treatment requirements

**Commissioning and Support:** Newterra provides peace of mind through correct installation, testing, and start-up. Customers receive ongoing support for life

## Real-World PFAS Treatment Success Stories

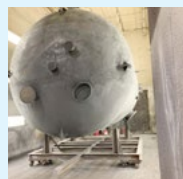
Our success stories in PFAS treatment highlight notable achievements, including efficient PFAS removal from municipal water supplies and providing safe drinking water. Our pilot solutions have consistently reduced operational costs and improved reliability with tailored approaches to meet customer needs. Here a few recent case studies that illustrate Newterra's commitment to delivering high-quality, effective PFAS contamination solutions.



### Newterra's CP20K-12 Systems Secure Safe Water in Massachusetts Municipality

Newterra provided two CP20K-12 systems to a Massachusetts municipality to address PFAS

contamination. Each system, designed for 150 psi and equipped with 80,000 lbs. of acid-washed coal-based carbon, ensured efficient PFAS removal. This project was essential for meeting safety standards. Newterra won the contract due to their strong customer relationship and the financial instability of a lower-bid competitor, ultimately contributing to safer drinking water.



### Newterra Delivers Cost-Effective CP5000 Systems for PFAS Removal in Pennsylvania

Newterra supplied three CP5000 Custom IXR Systems to a municipality in **Pennsylvania** to treat 1400 gallons

per minute of PFAS-contaminated drinking water. These systems ensured the water met stringent safety standards. Newterra won the contract by offering the best price and a proposal that met the customer's needs. This project underscores Newterra's capability to provide high-quality, cost-effective solutions for municipal water challenges, ensuring safer drinking water.

## Let's Get Stated Today!

Contact the Newterra experts today to learn how our **column testing solutions** can optimize your crucial PFAS treatment challenges.



Newterra Corporation, Inc. | +1 800.420.4056 | [newterra.com](http://newterra.com)

All indicated Newterra trademarks and logos are property of Newterra Corporation, Inc.. Third-party registered trademarks and logos are the property of their respective owners. Copyright © 2024. Newterra Corporation, Inc. 06-24