



## Water Treatment Solutions for Effective Contaminant Removal

Leveraging decades of experience in contaminant removal, our specialized team provides comprehensive, turnkey solutions to address water purity.

Working collaboratively with engineering firms, consulting companies, equipment providers, media suppliers, municipalities and government entities, we ensure a more effective and affordable approach to water treatment.



## Water Treatment Services

At Birchtech, we deliver comprehensive end-to-end water treatment solutions that address critical water quality challenges.



### Water Treatment Consultation

Through our RSSCT Design Center, our experts assess your water composition and operational goals to recommend the most effective treatment strategy.



### Custom System Design

Utilizing our Design Centers, we engineer custom solutions for potable water, processed water, and industrial wastewater, designed to meet your regulatory & performance standards.



### Operational Support

Our experienced team, from specialized engineering to R&D, provides collaborative technical support to affordably ensure system reliability, efficiency, and compliance.



### Equipment and Media Supply

From advanced filtration systems to contaminant-specific media, including activated carbon and ion exchange resins, we provide and install the most effective best-in-class technology for your specific application.

Birchtech provides media appropriate to a utility's infrastructure, water and contaminant makeup. Common types of media used include:

- Activated carbon
- Catalytic carbon
- Ion exchange resin
- Mixed media

## Common Contaminants We Remove

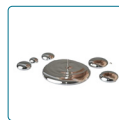
Birchtech's advanced treatments effectively eliminate numerous harmful contaminants to include the following:



\*Arsenic



Selenium



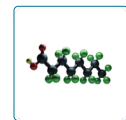
Mercury



Chromium



Other Heavy Metals



PFAS (Per- and polyfluoroalkyl substances)

*\*In many regions, naturally occurring arsenic is a major issue for compliance and safety. Birchtech's systems are built to meet regulatory limits (5-10 ppb) using high performance media and proven process design.*

Common contaminants are noted as examples. Our capabilities in water treatment includes many different heavy metals and toxins. Please **contact Birchtech directly** to discuss the treatment of other contaminants.

### Contact Us Today

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