



Today's oil & gas operators are seeking water management service companies to provide turnkey, economical treatment solutions as a result of decreasing access to fresh water supplies, ESG (environmental, social and governance) initiatives, stricter environmental regulations and increased water use/handling requirements.

Founded more than 20 years ago, WaterTectonics has custom-engineered solutions to address water management challenges and delivered proven treatment solutions for oilfield operations including: pilot testing, full-scale modeling and centralized water processing facilities. Our patented technologies have the capability to safely and efficiently eliminate burdensome trucking costs, enhance production yields, reduce disposal costs, mitigate environmental risks and ensure regulatory compliance. With a comprehensive portfolio of water treatment technologies, WaterTectonics specializes in the reduction of iron, copper, zinc, turbidity, sulfide, barium, TPH, E.coli and more from flowback and produced waters before reuse or discharge.

The engineering and scientific teams at WaterTectonics have a deep understanding of produced and flowback water chemistry. They embrace a repeatable solutions approach to variability in wastewater streams, with extensive testing taking place at an in-house laboratory. This translates to a personalized treatment plan, solution selection and precise configuration of technologies to meet operator needs safely and efficiently.

WaterTectonics has demonstrated experience both onshore & offshore, upstream & downstream with scalable solutions from mobile to permanent assets for centralized water processing. Field experience includes projects in GCC countries as well as those in the Barnett, Marcellus, Permian, Piceance and Uinta Shale plays with the ability to treat up to 100,000bbl/d. Temporary and mobile systems are also available with variable treatment flow rates between 5,000 -10,000bbl/d. Automated operating systems and remote viewing with data recording/reporting capabilities can be customized to reduce operational costs while improving site safety and efficiencies. Using real-time water quality monitoring, operators have 24/7 access to ensure performance.



TECHNOLOGIES

- Wavelonics Electrocoagulation System
- WaveOx Oxidant Treatment System
- Induced Air Flotation System
- Traditional and Non-traditional Chemical Treatment Systems
- UltraFlo Ultrafiltration Treatment System
- Reverse Osmosis System

SERVICES

- Solutions Consulting
- Treatability Studies
- Field-scale Demonstration Pilots
- Operator Training Courses
- Full-scale Cost Analysis and Plant Engineering Design
- System Installation and Commissioning
- Turnkey Service & Maintenance Programs
- Build-own-operate Contracts
- Client-tailored Research and Development