



SMART WATER MANAGEMENT FOR MODERN OILFIELDS

Integrated Water-As-A-Service Solutions



DELIVERING EFFICIENCY THROUGH INTELLIGENT WATER MANAGEMENT



Water management has become one of the most critical challenges in modern oil and gas operations. Increasing water scarcity, rising costs, and stringent environmental regulations demand smarter, more efficient solutions.

AquaTreat addresses these challenges through an integrated Water-As-A-Service model—combining sourcing, treatment, recycling, and digital optimization into a single, seamless ecosystem.

Our approach enables operators to reduce freshwater dependency, optimize costs, and improve operational efficiency while meeting evolving environmental and safety standards.

The Challenge

- Rising cost of water sourcing and disposal
- Increasing environmental regulations
- High logistics and transportation costs
- Growing volumes of produced water

The AquaTreat Advantage

- Integrated end-to-end solutions
- Modular and scalable systems
- Reduced operational footprint
- Enhanced efficiency and sustainability



WATER-AS-A-SERVICE FOR OIL & GAS OPERATIONS



AquaTreat specializes in delivering customized water management solutions tailored to site-specific conditions and operational requirements.

From evaluation and system design to deployment and ongoing management, we provide a complete turnkey solution supported by field services and remote monitoring capabilities.

Our systems are designed to handle produced water, flowback water, and industrial recycling requirements—ensuring optimal performance across the entire lifecycle of oilfield operations.

Key Capabilities



Sourcing & Supply



Treatment & Recycling



Storage & Logistics



Digital Monitoring



Chemistry Optimization



Disposal Services



INTEGRATED WATER MANAGEMENT SOLUTIONS



Water Sourcing & Supply

Diversified sourcing including freshwater, desalinated seawater, brackish aquifers, and recycled produced water.



Produced & Flowback Water Management

Efficient collection, transport, and storage using pipelines, tanks, and lined ponds.



Treatment & Recycling

Advanced systems including filtration, flotation, membrane technologies, and chemical conditioning.



Water Transfer & Logistics

Optimized pipeline networks, pumping systems, and transport solutions.



Storage Solutions

Flexible storage options including modular tanks, ponds, and mobile systems.



Disposal Services

Safe and compliant disposal through approved environmental methods.

MORE

- Water reuse and recycling
- Cost optimization
- Operational efficiency
- Real-time control



LESS

- Freshwater dependency
- Operational risk
- Trucking and disposal
- Environmental impact

ADVANCED TREATMENT & OPTIMIZATION



Real-Time Blending Systems

On-the-fly blending of multiple water sources ensures consistent quality and faster operations.

Fit-for-Purpose Treatment

Customized treatment levels based on operational requirements—avoiding over-treatment and reducing costs.

Produced Water Recycling

Maximizing reuse to significantly reduce freshwater consumption and disposal volumes.

High-Salinity & TDS Solutions

Advanced desalination and treatment for complex water conditions.

INTELLIGENT MONITORING & CHEMISTRY OPTIMIZATION



Digital Monitoring Systems

Real-time tracking of water quality, volumes, and logistics to enable smarter decision-making.



Chemistry Optimization

Custom additives and completion fluids to prevent scaling, corrosion, and formation damage.



Operational Intelligence

Data-driven insights to improve efficiency, reduce downtime, and enhance performance.



WHY AQUATREAT



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