

Engineering solutions for real industrial challenges

Industrial water & wastewater engineering | Process optimization | Technical partnerships



Denmark • October 2026

Practical engineering, from challenge to implementation

Aqualinity is an emerging Denmark-based cleantech business offering technical consulting, industrial water and wastewater engineering, process troubleshooting, equipment sourcing and project collaboration.

Our founding team brings prior industrial experience from Iran in complex operating environments. Historical projects shown here represent the team's earlier professional work, not contracts delivered by Aqualinity in Denmark.



Our approach: diagnose the operational problem, define measurable improvement targets, propose technically realistic options and coordinate implementation with qualified partners where required.

Industrial services

Technical consulting & troubleshooting

Root-cause analysis, site assessment and targeted operating recommendations.

Water & wastewater engineering

Process review, treatment design support and optimization.

Process & energy efficiency

Operational improvement opportunities, water and energy assessments.

Equipment sourcing

Technical specifications, supplier evaluation and procurement support.

Execution & partnerships

Project coordination and implementation through appropriate qualified partners.



Industrial wastewater process recovery

Challenge: elevated COD and heavy sediment accumulation associated with unsuitable chemical inputs to a wastewater treatment system.

Response: adjustment of chemical treatment, optimization of operating conditions, sediment removal and improved influent control.

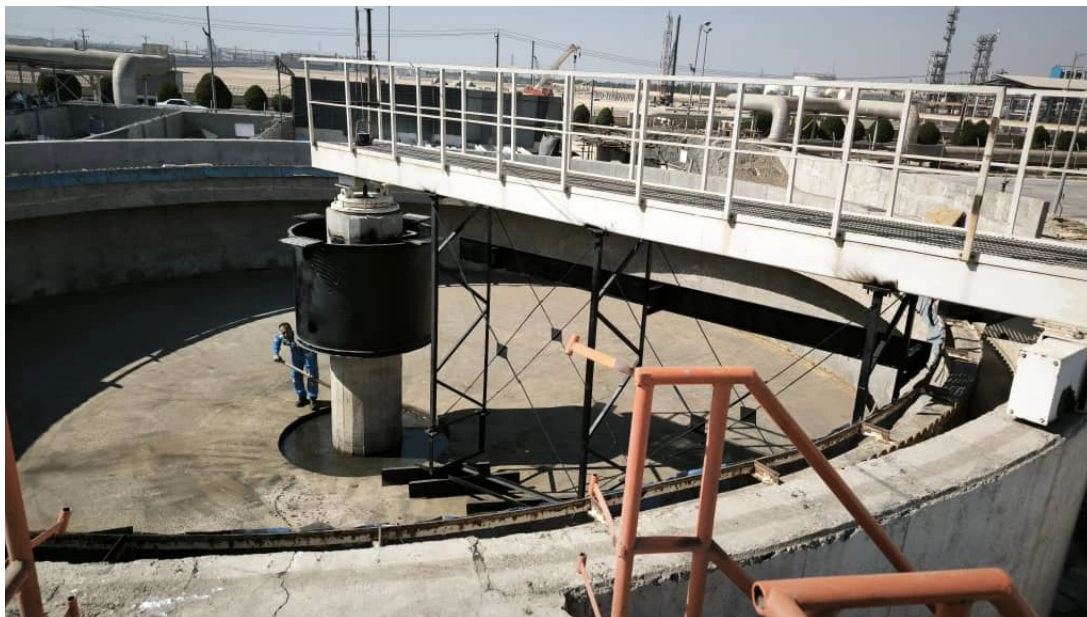
Reported initial COD: 2,000 mg/L **Reported final COD:** below 200 mg/L

Reported improvement: greater than 90% COD reduction over seven days.



Founding team's previous experience in Iran. Laboratory reports have been requested and are pending review. Comparability of sampling and analytical methods must be confirmed before external verification.

Real facilities. Real operational contexts.



Photographs supplied by the founding team; individual project locations, dates, roles and image-use permissions should be confirmed before external distribution.

Advanced PFAS treatment: prototype stage

Aqualinity's March 2025 pitch deck describes a modular concept combining nanofiltration, reverse osmosis, advanced oxidation, thermal recovery and IoT-based monitoring. A prototype has been developed; testing and performance validation remain incomplete.

The earlier pitch deck included a claim of more than 99.5% PFAS removal. That number is **not represented here as independently verified treatment performance**.

Potential engagement: technical assessment, feasibility review, scoped pilots, equipment and engineering partnerships, and jointly agreed validation plans.

Let's discuss your next industrial challenge

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Prepared October 2026 | Commercial capabilities document | Draft pending project-evidence and image-rights review