



Waterland[®]
Company Profile



Waterland

Waterland is a worldwide company which is delivering turn-key water and wastewater treatment plants across many countries like, Australia, Japan, Middle East Countries, Azerbaijan, Turkmenistan, Kazakhsntan, Ukraine, Pakistan, Maldives and so on. Waterland is providing to its customers continous technical service and support worldwide.

Waterland is also manufacturer of water and wastewater treatment system equipments. We are producing our products under ISO 14001, ISO 9001 and OHSAS 18001 standards.







Project Reports



3D Design & Technical Drawing



Proposal Documents



Design Building



Cost Analysis



Waterland

Factory Gebze









**RIVER WATER TREATMENT
(WATER COMPACT UNIT)**



**MINE WATER
TREATMENT**



**POWER PLANTS
COOLING WATER TREATMENT**



**BEVERAGE AND INDUSTRIAL
WATER TREATMENT**



**AGRICULTURAL
WATER TREATMENT**



**WASTE WATER
RECYCLING OF FACTORIES**



**MUNICIPAL WATER AND
WASTEWATER TREATMENT**



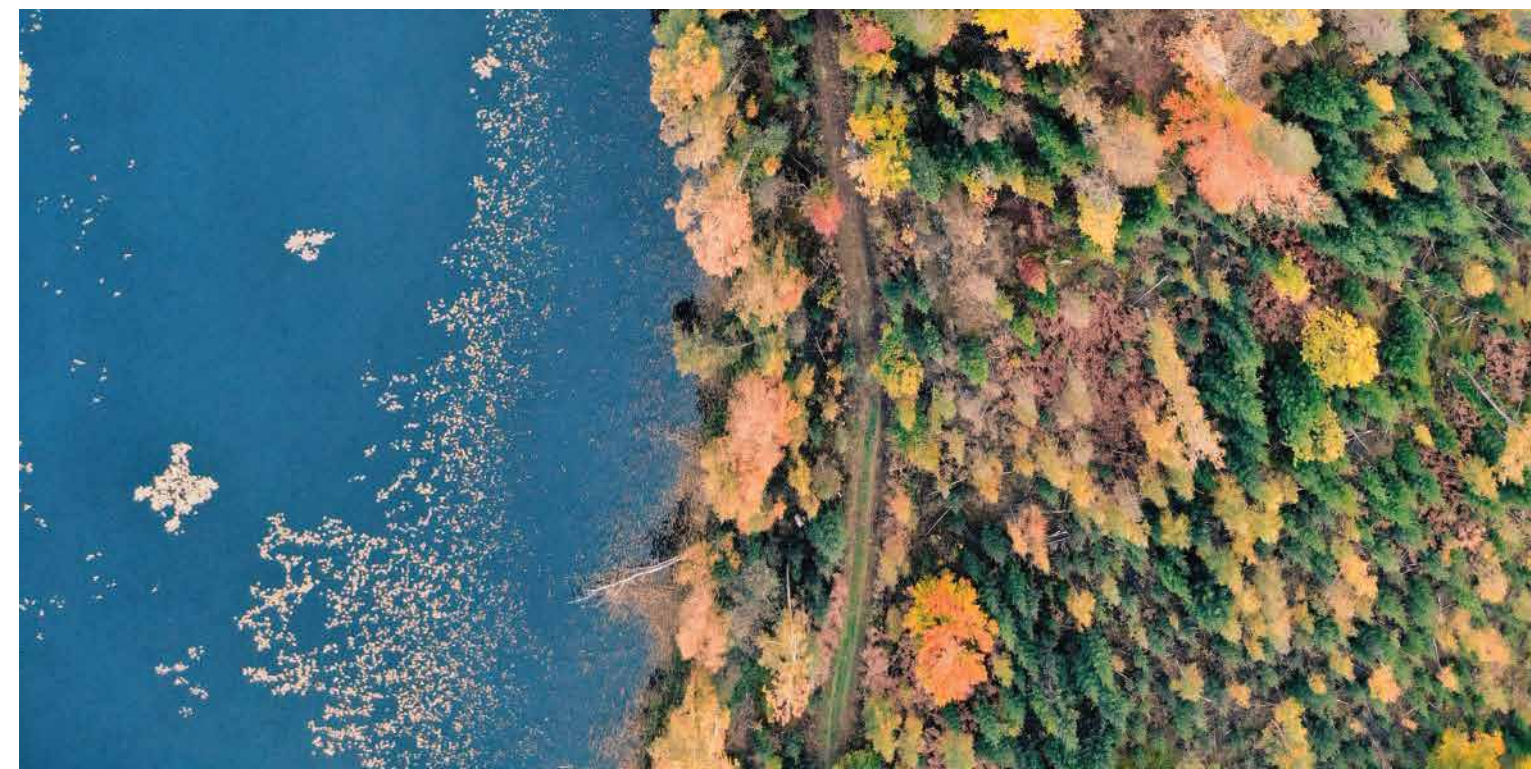
**PACKAGE WASTEWATER
TREATMENT SYSTEMS**

Building the Future of Water Treatment

Waterland has wide experience with medium to large scale decentralized & centralized water treatment, specifically in private sector. Within vast history of Waterland in treatment industry, there are extensive reference projects, which can be pointed out. 10.000m³/d Azerbaijan-Mingecevir Ultrapure WTP is one of the highest quality process water obtained with innovative technology. Produced water is used to feed cooling tower of Mingecevir Power Plant. Waterland not only build ultrapure WTP technology, it's also active in Mine Industry WTP. World's biggest chromium mine Voshkod-Kazakhstan has preferred Waterland for 8500m³/d capacity mine process water treatment. Waterland has unique experience to design & build water treatment, desalination, ww treatment plants and therefore plays a special role among other competitor companies in this sector.

The difference of Waterland comes from its industry specific, custom-fit solutions. For each industry type, Waterland has a customer oriented solution. Due to flexible approach of our company to treatment, we can design & manufacture modular and mobile systems, that can be adapted easily to customer requirements.

In many industries, it is necessary to use purified water in various processes. The quality and special water needs of the industry can only be met with properly conditioned and prepared water. With its long years of expertise and experience, Waterland offers the best quality and economical solutions to its customers by selecting the most appropriate treatment processes according to the industry branch. To achieve the water quality required by the enterprises, Waterland projects the Filtration Systems, Water Softening Systems, Ultrafiltration Systems, Seawater and Well Water Reverse Osmosis Systems, Anion Cation Deionization Systems and EDI (Electrodeionization) Systems with expert engineers and technical staff and turnkey delivery.





Waterland Innovation through expertise

At Waterland, we are proud of using innovative and state of the art technology, especially in water and wastewater processes. Besides our mechanical competence in manufacturing, which has been proven by our references, also our design engineers can implement specific process

A large industrial facility with a high ceiling and a grid of steel beams. The floor is a light blue color. In the foreground, there are several rows of white, rectangular filtration units. Each unit has the 'WATERLAND' logo and a blue 'W' symbol. The units are connected to a complex network of black pipes and valves. The background shows more of the facility, including more pipes and structural elements.

Waterland

Our Process Technologies

- Reverse Osmosis Systems
- Ultrafiltration Systems
- Nanofiltration Systems
- Filtration Systems
- Electrodionization Systems
- Disinfection Systems
- Membrane Bioreactor Systems
- Chemical Treatment Systems
- Biological Treatment Systems
- Activated Sludge Processes
- DAF Systems
- Sludge Dewatering Systems
- Clarifier Systems
- Screening Systems

60%

Advantage; up to 60% energy savings and short payback time compared to conventional systems.

Mineral Removal and Desalination

Desalination is one of the hardest technologies among reverse osmosis and membrane systems. Sea Water treatment through membrane technologies require high energy consumption via the pumps inside the system.

As Waterland, we are affirming that we are using state of the art technology to increase energy savings. Increased power consumptions are also a threat to our world due to carbon emissions which effect global warming in a bad way. Therefore, we are very sensitive about using energy saving technologies.

Another significant point for energy saving in desalination plants is designing the reverse osmosis system with optimum efficiency and membrane quantity. Our vast knowledged engineers have a proven experience on these issues.





Water Reclamation and Reuse

We are living in a water scarcity century. Most industries consume high amount of clean water during its production process and produce highly polluted wastewater. Then why not to change your wastewater into a value? Through innovative wastewater treatment technologies with combination of membrane systems, wastewater can be benefited as clean water source. Let's shape the future of wastewater together!

An underwater scene with a blue tint. In the foreground, there is a large, clear plastic bottle lying horizontally. To its right, another clear plastic bottle is oriented vertically. A crumpled clear plastic bag is in the center. Several small, light-colored fish are swimming in the water. In the lower part of the frame, there are larger, colorful fish, including a prominent one with vertical yellow and black stripes. The background shows more plastic waste and a dark, rocky seabed.

Effluent Treatment

To ensure the health and sustainability of the world's freshwater reserves, domestic sewage and effluent waters must be adequately treated before being released back into the environment. In the developing world most of the wastewater produced is released untreated back into rivers, lakes and the sea resulting in pollution of otherwise healthy water environments. Domestic sewage/wastewater shall be treated before discharging into the receiving body to protect the environment. Biological treatment technologies are mostly preferred solutions for sewage treatment. Waterland can adapt many biological processes for any size or capacity of domestic wastewater treatment. Producing irrigation water through treatment of domestic wastewater is also another option.

Brine treatment, Minimal Liquid and Zero Liquid Discharge water treatment

Waterland has a critical view for brine management and zero liquid discharge technologies in many aspects, especially for wastewater reclamation and reuse applications. Therefore, we continue to invest significant research and development sources to improve cost-effective technology performance and solutions. For instance, evaporation technology is the latest executed innovative solution of Waterland that has been applied in Kazakhstan reference of our our company.



Compliance & Competence

Maintaining our proven track record is only possible because of robust internal systems and policies and more specifically, our alignment to the ISO standards for quality and management. By manufacturing and operating systems that are compliant to ISO standards, Waterland believes it has built an excellent operational foundation to ensure its success. Our membership and affiliations to local and internationally recognised water forums, groups, boards and construction and industry boards ensure that we are compliant to the latest and most up to date policies and best practices.

Global Achievements

+5

Distributors
in more than

10

countries

+500

Delivered
Water
&
Wastewater
Treatment Plants
Worldwide

+15

Years Experience
Specifically in
Water Treatment
Sector

+20

Countries
Worldwide Installation
&
Commissioning Service
Completed Successfully

The Waterland logo features a stylized blue 'W' icon composed of three rounded shapes, followed by the word 'Waterland' in a white sans-serif font. A registered trademark symbol (®) is positioned at the top right of the word. The logo is set against a blue rectangular background.

Waterland®

<https://we.tl/t-y6zLSahNRD>

we work for tomorrow



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