



# WATER TREATMENT SYSTEMS FOR CONSTRUCTION SECTOR





By closely following the technologies of water and wastewater treatment systems in developed countries, VATEK Environmental Technologies provide turnkey contracting services in the fields of industrial, medical and public water treatment, project and consultancy, maintenance and technical service, consumables, equipment, spare parts and water chemicals internationally.

## WATER TREATMENT SYSTEMS

Contractors that do business in Iraq, Middle East and Africa in particular need serious drinking and potable water at the construction sites they have set up for their teams. Water source to be treated; can be river water, sea water or well water. Water treatment systems are designed according to the quality of feed water. We provide appropriate criteria with our **wastewater treatment systems** for the discharge of these waters as well. We also provide **wastewater recovery systems** to recover and reuse the water coming out of wastewater treatment systems according to demand.

**Water softening, Pure Water Systems, Gray Water, Rain Water Systems** and **Wastewater Treatment Systems** are our most common usage within the scope of hotel, shopping center, residence, residential, industrial facility works.

Especially for areas with field problems and overseas construction site works, **container type water treatment systems** are preferred. Our tailor-made mobile systems produced in our factory are fully assembled and can be used directly on site.

***For the construction sector, our services in the field of water treatment systems are as follows;***

- Filtration and softening systems
- Dosing and ultraviolet disinfection systems
- Reverse osmosis water treatment systems
- Ultrafiltration water treatment systems
- River water treatment systems
- Container type water treatment systems
- Wastewater treatment systems
- Wastewater recovery systems
- Rain water and gray water treatment systems
- Sea water treatment systems

## FILTRATION AND SOFTENING SYSTEMS



### Description

Filtration systems remove suspended solids, particles and remove organic pollution. It is used to provide the water with desired hardness degrees to be used in production. It can also be used to feed all lines of the factories.

# DOSING AND ULTRAVIOLET DISINFECTION SYSTEMS



Description

Dosage systems are used for many purposes such as; water disinfection, ph reduction and raise, corrosion prevention and so on. Ultraviolet device are used to sterilize water. It is effective in removing micro organisms such as bacteria, viruses, fungi and mold in water.

# REVERSE OSMOSIS WATER TREATMENT SYSTEM



## Description

Dissolved organic and inorganic substances (salty, bitter, high conductivity, etc.), salts, heavy metals, viruses and bacteria in the water are treated with reverse osmosis systems. Up to 96-99% of purity in water could be achieved. Water with different sources such as well water, tap water, sea water etc. could be treated with high purity using Reverse Osmosis systems.

# ULTRAFILTRATION SYSTEMS



Description

Suspended solids, microorganisms and bacteria could be removed from water without using chemicals thanks to the membrane structure of ultrafiltration systems.



# RIVER WATER TREATMENT SYSTEMS



Description	Generally, river waters contain dense suspended solids. With the river water treatment systems, the water taken from the river is subjected to various treatment applications and turned into domestic water or drinking water quality.
-------------	---

# CONTAINER TYPE WATER TREATMENT SYSTEMS



Description	Mobile water treatment systems that meet the need for water quickly, reliably, easily and economically. Container systems can be designed tailor-made, regardless of the raw water supply and the amount of water to be treated. Container type water treatment systems are fully assembled inside the container and ready for commissioning.
-------------	---

# WASTEWATER TREATMENT SYSTEM



## Description

It provides recovery and disposal of wastewater generated by domestic use in residential areas with unavailability of sewage system. At the same time, these systems are applied to meet the discharge criteria of wastewater from industry.

# WASTEWATER RECOVERY SYSTEMS



## Description

Not all water used in production or disposed as waste is not usable. It can be regenerated or used for general use with several water treatment system applications. When wastewater is recovered and used for production or other purposes (garden irrigation, vehicle washing), enterprises have a great advantage in terms of cost.

# RAIN WATER AND GRAY WATER TREATMENT SYSTEM



## Description

Gray Water contains all waste water containing the least pollutants excluding the toilet water. Water obtained by Gray Water Recovery is used instead of mains water for works that do not require drinking water quality water. Rain water is the closest source to pure water. The water treated with rainwater treatment systems is used as domestic water.

# SEA WATER TREATMENT SYSTEMS



Description	<p>With the sea water treatment systems, the salinity of the water is removed and the water is brought to the fresh water criteria. Seawater treatment systems provide water for general use or drinking water. Designing a specific system considering the energy consumption with the best treatment efficiency is crucial in sea water treatment systems.</p>
-------------	--

# CONTACT

VATEK ÇEVRE TEKNOLOJİLERİ VE ELEKT. İNŞ. SAN.TİC.LTD.ŞTİ.

**Head office:**

Mehmet Akif Mah. Tavukçuyolu Cad.  
Altunlar İş Merkezi No:150 D:3 Ümraniye /İstanbul

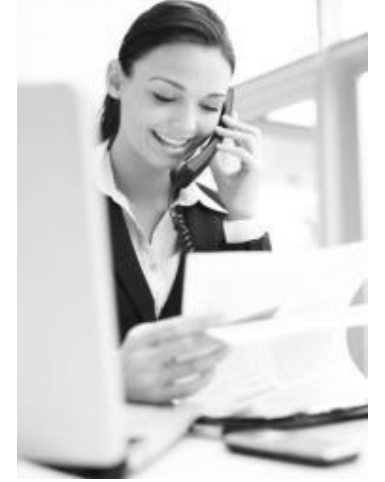
**Factory:**

Sultan Orhan Mah. 1172. Sok. No:25/1 Gebze / Kocaeli

**Phone:** +90 (216) 526 0426

**Fax:** +90 (216) 526 0425

**E-mail:** [info@vatekcevre.com](mailto:info@vatekcevre.com)



[www.linkedin.com/company/vatek-çevre-teknolojileri](http://www.linkedin.com/company/vatek-çevre-teknolojileri)



[www.facebook.com/vatekcevre](http://www.facebook.com/vatekcevre)



[www.instagram.com/vatekcevre](http://www.instagram.com/vatekcevre)

# DEALERSHIPS



Vatek Water And Waste Water  
Treatment Technologies LTD.

Office 3&4 338A Regents Park  
Road, LONDON/ENGLAND

Phone: +44 743 702 41 06  
E-mail: [info@vatekcevre.com](mailto:info@vatekcevre.com)



VATEK Romania

Oraş Pantelimon, Strada SF  
GHEORGHE Nr. 20 ILFOV/  
ROMANIA

Phone: 0040 720 43 21 21  
E-Mail: [msismsek@vatek.ro](mailto:msismsek@vatek.ro)



VATEK-AL Sh.P.K

Rruga “Reshit Çollaku”, Pallati  
Nr. 38, Shkalla Nr. 1, Apt.7,  
Kati 4 Tirane/ALBANIA

Phone: +355 69 726 44 45  
E-Mail: [info@vatek-al.al](mailto:info@vatek-al.al)