



# UNITED TREATMENT

Water solutions for better environment





# Table of Contents

UTE - United Treatment Company..

Solutions experts and consultants, specialized in innovative solution for water treatment technology, and desalination plants (reverse osmosis technology - RO). Also supplying spare parts, chemicals and filters for plants and all their accessories, as well as grey water and sewage treatment, boilers & chillers networks and chemical supplying. Always proud to serve you wherever you are and guarantee you pure water.

**01**

About Us

UTE vision, message, and values

**02**

Our Services

Services and products for water desalination and treatment offered by UTE.

**03**

Our Projects

Some of our most prominent projects with details.

**04**

Our Clients

List of clients we cooperated with and still working together.

A photograph of industrial water treatment equipment, featuring large blue pipes and a prominent metal valve with a handwheel in the foreground. The background shows more of the facility's infrastructure.

**SPECIALIZED IN WATER  
TREATMENT SOLUTIONS**



**01**

## **About Us**

Specialized in water treatment solutions and consultation, constructing all types of desalination plants maintaining desalination plants (reverse osmosis technology - RO), as well as grey water and sewage treatment, boilers & chillers networks and chemical supplying in a high level of engineering and professional ways. Also supplying spare parts, chemicals and filters for plants and all their accessories.



U  
N  
I  
T  
E  
D  
  
T  
R  
E  
A  
T  
M  
E  
N  
T

United treatment - UTE is one of the most prominent companies established in accordance with the 2030 vision of Saudi Arabia Kingdom , which specialized in water desalination and treatment. Established in 2018, and it has contributed and played a role in many governmental and private projects. (UTE) is involved in the design, manufacture, installation and maintenance of waste water (MBR-MBBR-STP-SBR-ASP) as well as grey water , Chiller & boilers , softener & demineralization , swimming pool solutions , pumping station and networks, reverse osmosis water desalination plants R.O , etc.. In addition to the supply of water chemicals and spare parts for water treatment solutions. We aim at UTE to enhance the quality of life by creating an economic and healthy balance, which contributes to improving the quality of the natural environment for customers and the community environment.



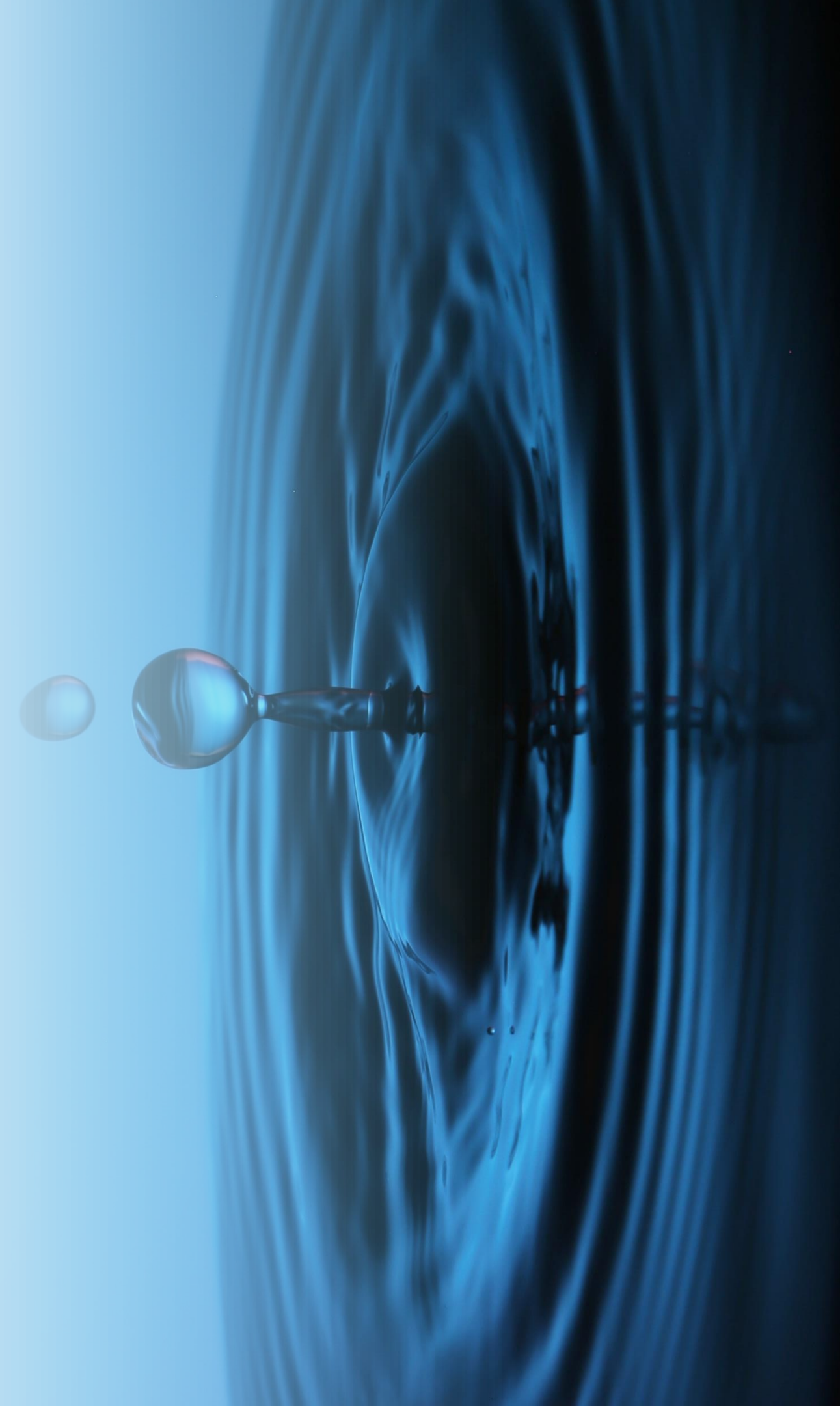
## **Our message**

We seek to improve the performance of small and medium companies specialized in the field of water treatment technology to contribute to improving the level of quality in all regions of the Kingdom of Saudi Arabia.

**WORLD OF  
PURE WATER**

## **Our Vision**

Based on the vision of the Kingdom of Saudi Arabia 2030 to support small and medium-sized companies: We aim to be one of the best companies in the Kingdom specialized in the field of water treatment technology, which contributes to improving the quality of services provided to customers and society.



# WATER TREATMENT EXPERTS & CONSULTANTS



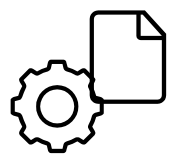
## 02

## Our Services

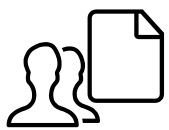
Water treatment technologies in a high level of engineering and professional ways. in addition to supplying chemicals and spare parts and all accessories.



WATER  
TREATMENT  
SOLUTIONS



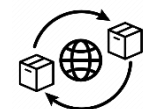
OPERATIONAL  
&  
MAINTENANCE  
CONTRACTS



PERIODIC VISITS  
CONTRACT



WATER  
TREATMENT  
CHEMICALS  
SUPPLY



PROVIDING  
SPARE PARTS  
& SUPPLIES

## WATER TREATMENT SOLUTIONS :

- R.O water plants .
- Waste water treatment plants .
- Grey water .
- Softener and Demineralization .
- Chiller and boilers .
- Swimming pool solutions .
- Pumping station and networks .
- Water sampling and laboratory analysis







## OPERATIONAL , MAINTENANCE & PERIODIC VISITS CONTRACTS :

We provide operational and maintenance contracts, as well as periodic visits contracts. In this service, we provide a statement of the operational problems of the plants and submit a technical report on these problems and the required technical recommendations.

Periodic visits are made during the year and emergency visits when needed. During the periodic visits, electrical and mechanical components are checked, chemical tanks are washed, and chemicals are prepared in appropriate doses.

With each visit, checking the pumps and following up the readings, avoiding the possibility of problems appearing in the plants as much as possible, and dealing with any leaks in the plants, checking the electrical connections, checking the measuring devices and readings.

## UTE SUPPLIIES

### CHEMICALS SUPPLIIES

We provide the necessary materials including but not limited to :

- R.O
  - Antiscalant
  - Sodium hypochloride
  - Sulfuric acid
  - Sodium hydroxide
- Waste Water Treatment
  - Polymer
  - Odor control
  - Anti foam
- Demineralization
  - Ion exchange resin and chemicals , etc.
- Swimming Pool
  - Chlorine powder & tablet
  - Acid
  - Flocculant
  - Algae kill
- Chillers and Boilers
  - Scale inhibitor
  - Corrosion inhibitor
  - Biocide

### SPARE PARTS & PRODUCTS SUPPLIIES

We provide with the supply of various products such as spare parts, filters, and all Water desalination and sewage treatment supplies, chillers and boilers using the highest standards and latest technologies.





# LEADERSHIP IN WATER TREATMENT

# 03

## Our Projects

Some of our most prominent projects in all over kingdom of Saudi Arabia, Treatment systems with all required production capacities, and reverse osmosis plants. And operating all types and sizes of sewage and industrial treatment plants in a high level of engineering and professional methodology.



## OUR PROJECTS

Rehabilitation and manufacturing of containerized nano-filtration-Reverse Osmosis with a production capacity of 9000 cubic meters per day  
(Industrial use)

The project includes the rehabilitation of a desalination Reverse Osmosis to be ready for actual production at the Saudi Aramco site, in Khurais.

To achieve a daily rate of 9000 cubic meters, as our team harnessed all its capabilities and expertise to accomplish this work. The Reverse Osmosis was equipped with nano purification to remove chloride from sea water after pre-treatment. The system was designed to remove chloride from highly TDS (up to 48,000 mg/L) to produce seawater for construction and purposes (chloride below 10 mg/L).



## OUR PROJECTS



### **MIOX disinfection generator.** (Industrial use)

At Wadi Al-Dawasir – Riyadh. Chemstar KSA.

The project contains a combination of chemical, physical and electro-elements (electro-cells) that produce a mixture of oxidizers disinfection solution (MOS) to improve the quality of treated wastewater for use in irrigation purposes. The unit contains softener and brine tank followed by MIOX OSG which converts hard water and brine solution by electrochemical properties into disinfection solution, then MOS product is stored in polyethylene tank and discharged by high flow dosing pump to waste water plant and irrigation network . The system is completed with a set of gauges and an MCC unit. Pre-assembled units are delivered to site in an epoxy-coated carbon steel tank. Units with control panels are factory tested and ready to run. Delivered to the factory in refurbished ISO 40 ft ready to run containers equipped with lighting ventilation and air conditioning units .

## OUR PROJECTS



### Supply, Delivery, Installation, Testing and Warranty for RO plant

(Medical use)

The project contains a set of electromechanical and civil works, and four rooms for dental services have been constructed, for Ministry of National Guard – Health Affairs, in Dirab Residences – Riyadh.

Each of them is equipped with suction units, compressed air and water treatment. This includes the construction of service rooms and the extension of all mechanical and electrical networks with finishing. The work includes extending networks inside clinics, renewing electricity networks, repairing and painting them according to the specifications of the National Guard Health Affairs. The work also includes the installation of panoramic dental rooms with electrical modifications, with finishing and painting according to specifications.

## OUR PROJECTS

### The Royal Commission for Al-Ula

#### 01 Brackish water reverse osmosis (Domestic & Construction use)

The project includes a reverse osmosis plant for groundwater treatment. The system contains physical and chemical processing facilities, Multi R.O. Skids equipped with high pressure feed system, chemical after treatment, advanced back washing system as well as full set of gauges and MCC unit. The plant is designed to treat highly salinated water (up to 3500 mg/L) to produce desalinated water for construction and domestic purposes (total dissolved solids less than 300 mg/L).

#### 02 Gray water plant (Irrigation use)

The project includes a combination of chemical and physical treatment to improve the quality of treated gray water for use in irrigation purposes. Pre-assembled units were delivered to site in an epoxy-coated carbon steel tank. Units with control panels were also factory tested and ready to run. ISO 40 ft with lighting ventilation and air conditioning units.



## OUR PROJECTS

### Reverse osmosis water desalination plant (Industrial use)

The project includes a reverse osmosis plant for water treatment, belong to Al Rahden Factory, in Industrial City – Riyadh.

The project consisted of constructing, supplying, installing, operating, delivering, guaranteeing and completing all works related to the desalination plant, which was operating with a production capacity of 25 m<sup>3</sup> / day. The plant was delivered ready for operation and the plant was monitored during the warranty period as it should be.





## OUR PROJECTS



### Washing the chilled water network for chillers

In cooperation with Technical and Vocational Training Corporation, Technical College in Buraydah – Qassim.

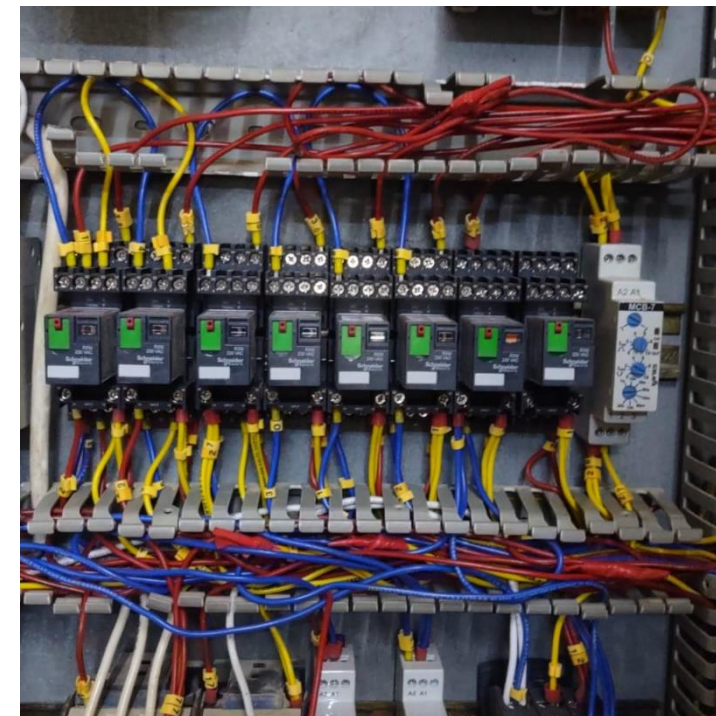
The project contains the works of washing the chilled water network for chillers and chemical treatment for the packages, which includes the supply of chillers chemicals, operation and complete delivery of the system.

## OUR PROJECTS

### Comprehensive and periodic maintenance of a water desalination plant using reverse osmosis technology (Industrial & Domestic use)

The project includes the restoration of a reverse osmosis water treatment plant with a production capacity of 300 m<sup>3</sup> / day. In Olaya – Riyadh. In cooperation with Al Hokair Group – Holiday Inn.

The project consisted of a comprehensive maintenance of the RO, showing its operational problems and repairing them. Periodic visits were made during the year and emergency visits were made when needed. During the periodic visits, sand filters are washed and checked, chemical tanks are washed, and chemicals are prepared in appropriate doses with each visit and check. Monitoring the pumps and following up the readings, avoiding the possibility of problems appearing in the RO as much as possible, dealing with any leaks in the RO, checking the electrical connections, checking the measuring devices and readings.



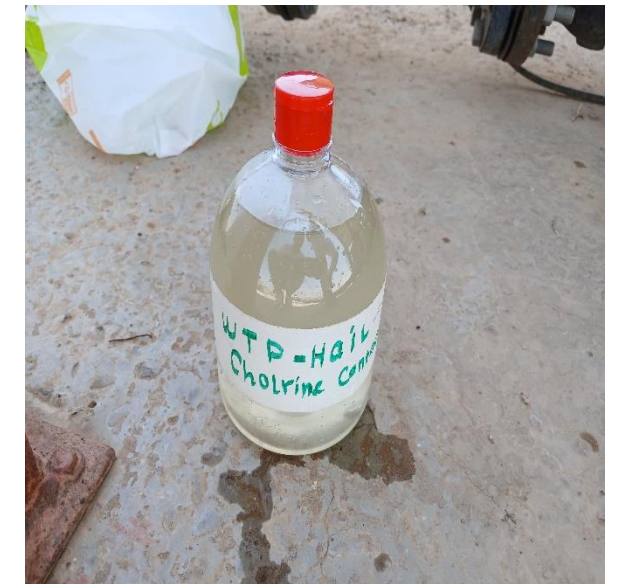
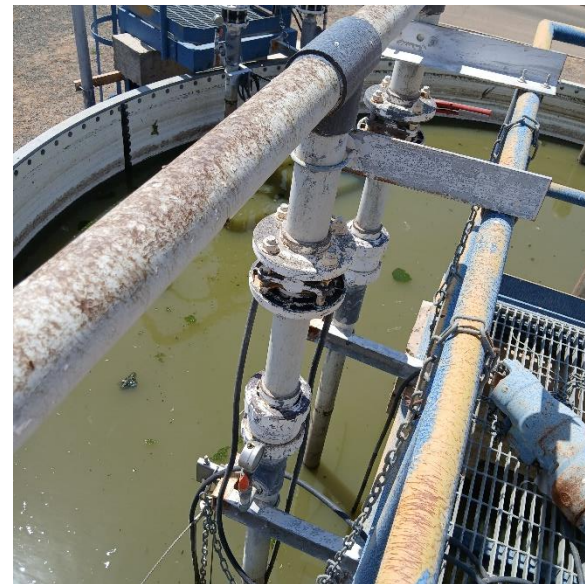
## OUR PROJECTS

### Sewage treatment plant (500 cubicmetre per day)

The project includes periodic visit of SBR at Hail - National guard In cooperation with Kayanat Almutahidah.

Technical reports, technical studies and solutions to ensure that the treatment system works high quality, check the quality of raw water as well as the water out the aeration tank, and make SV 30 test to ensure the efficiency of the system's operation. Where it was examined the sand filter system, the pressure values and water quality before and after the filtration system to know the efficiency of the system, and checking the sedimentation and the quality of incoming and outgoing water and in the same time the air blowers system were checked, pumping station at the site and ensuring efficient operation, as well as check the control panels. In addition to that, The raw water entering the Sedimentation tank and product water from were checked to ensure the efficiency of the sedimentation tank.

During the semiannual technical visits, treated water samples were taken for physicochemical parameter analysis and metal parameter analysis.



## OUR PROJECTS

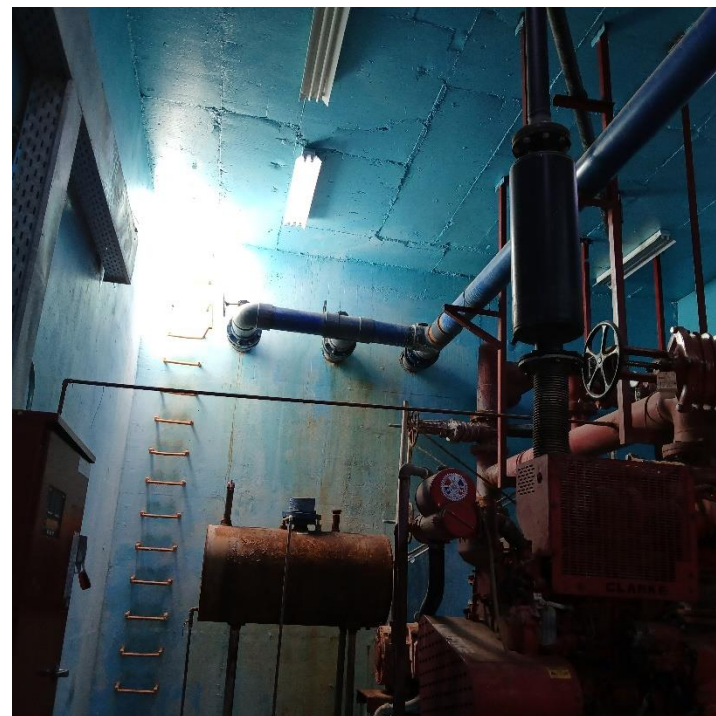


### Pumping station

The project includes periodic visit of lifting pump station at Hail - National guard In cooperation with Kayanat Almutahidah.

Technical reports, technical studies and solutions to The inspection of the electric motors, making all necessary measurements, checking the control panels, and submitting detailed reports on their condition, suggestions for improving operating efficiency and reducing energy consumption, besides The inspection of the hydraulic pump and ensure that the pumps are operating at the optimum operating point and provide a technical report on this with suggestions to improve the efficiency of the hydraulic pumps. And finally checking the pumping station's electric motors, volt, ampere, electrical insulation to ensure the condition of the motors and submitting a detailed report on that.

During the periodic visit a sample of water taken from main water tank, for analysis of chemical, physical, microbiology etc.



**TURNING VISION  
INTO VALUES**

**04**



## **Our Clients**

UTE works to ensure that clients receive the highest level of service and satisfaction by ensuring they have a good experience, and issues are handled efficiently by the best team within the firm.

## OUR CLIENTS



ارامكو السعودية  
Saudi Aramco



الهيئة الملكية لمحافظة العلاء  
Royal Commission for AlUla



TABUK  
Investment & Tourism Co.



المجال العربي  
almajal alarabi  
مجموعة GROUP

Holiday Inn



SAIPEM



زهران  
للتشغيل والصيانة



mase  
GULF



Power  
قوة الإعداد  
preparation



أسترا  
ASTRA



ACEC  
Arabian Consulting Engineering Center  
المركز العربي للاستشارات الهندسية



جامعة الأميرة  
نورة بنت عبدالرحمن



Saudi Icon  
شركة الرمز السعودي



معييار  
MEYAR



المصدر العربي  
Arab Source



British  
International School  
Riyadh



مستشفى علي بن علي  
Ali Bin Ali Hospital



مجموعة الحكير  
al hokair group



الخريف لتقنية المياه والطاقة  
Alkharif of Water & Power Technologies



CHEMSTAR  
THE WATER TREATMENT PROFESSIONALS



المؤسسة العامة للتدريب التقني والمهني  
Technical and Vocational Training Corporation



AlRahden  
الرشدن



شركة كيانات المتحدة  
KAIANAT UNITED CO.



CLIM+things  
صم+تنجز



إيفو



اصيل

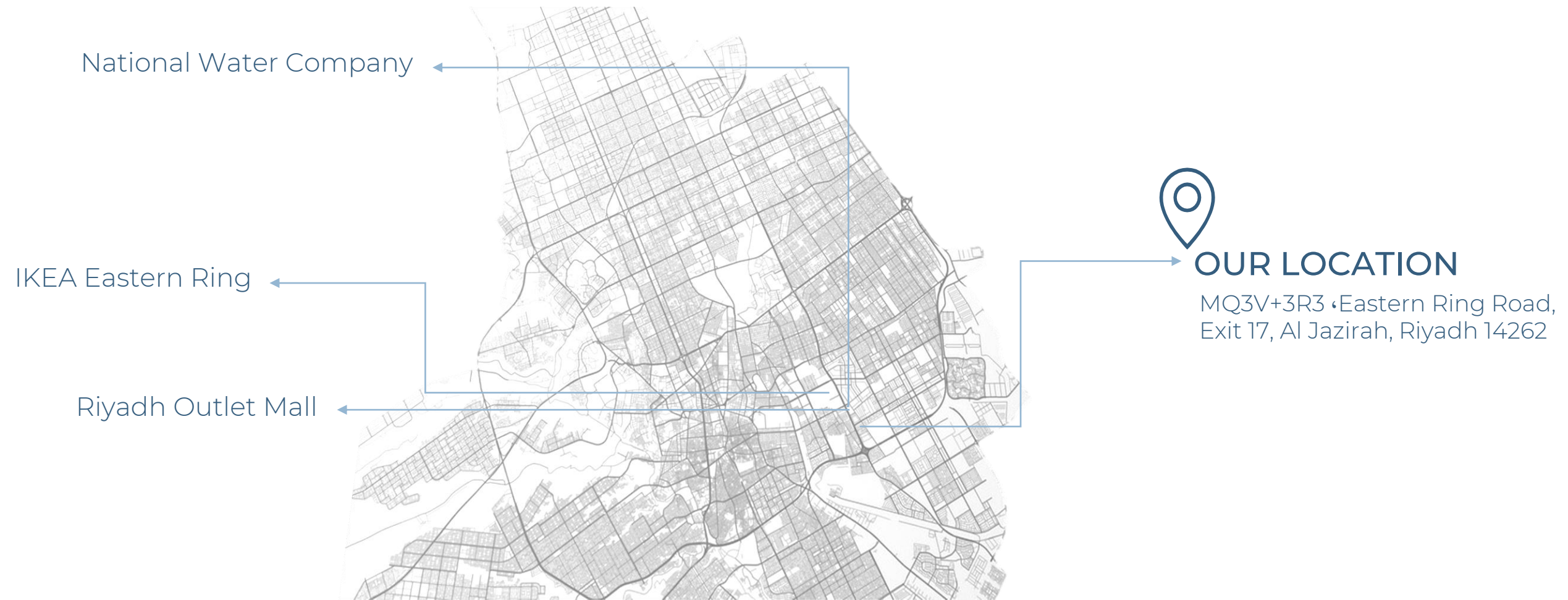




Visit our website  
for more info



## UTE LOCATION



## CONTACT US



MQ3V+3R3 ,Eastern Ring Road,  
Exit 17, Al Jazirah, Riyadh 14262



support@uteksa.com  
sales@uteksa.com



00966545939021  
00966532357916



uteksa.com

