



Case Study  
**INDUSTRIAL**

Project

## El Alamein Desalination Plant

As part of 'Egypt Vision 2030', the New El Alamein city project is one of the "fourth generation" new cities being built to increase land allocated for urban communities from 6 to 12% to absorb population growth. Located in the Marsa Matrouh governate, El Alamein is eco-oriented and will house almost 5,000 residential units, universities, research centres, as well as trade and service areas.

Location  
Mediterranean Sea Coast, Egypt

Client  
Egyptian Ministry of Defence

Contractor  
Aqualia

Year  
2019

### What We Delivered



**DIAMETER**

150 up to  
1600mm



**PRESSURE**

PN 10



**LENGTH**

5,500 meter



**JOINTS**

Shop Spooled  
Joints



**DELIVERING**

Reverse  
Osmose Water  
Desalination Plant

Future Pipe Industries supplied all aboveground and underground piping within the site boundary.

This included production and shop spooling which totalled 4,700 joints. Our Field Services team provided site jointing of 1,085 joints and installation, hydrotesting and painting of all glass reinforced polyester (GRP) pipes in the project as well as the installation of all the plant's associated valves and instruments.

*As the government builds new cities, they are also putting an emphasis on improving drinking water quality. El Alamein will host one of the biggest seawater reverse osmosis desalination plants with a capacity of 150,000 M<sup>3</sup>/day. The station is one of the 35 water desalination plants, which are being implemented nationwide to secure 925 million square meters of water by the end of 2019.*

## Gallery



Need  
More Info?

Please get in touch with us  
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