Reated Aater
Auma Saltillo

Since 2012, the Group has been actively working towards the achievement of our water vision by 2022, which aims to reduce our environmental impact and business continuity. This strategic vision is based on three fundamental pillars:

1. Reduction of 20% in the consumption of fresh water required for the production of parts.
2. Standardization of water for processes in the UNA.
3. Zero liquid discharge scheme (ZLD) in all the Group’s plants.

In 2017, the first state-of-the-art wastewater treatment plant was launched in the San Luis Potosí complex, becoming a cornerstone for the development of similar projects. These activated sludge systems with extended aeration and submersible MBR ultrafiltration membranes are capable of treating all the wastewater produced in our plants (processes and sanitary services). The water product is free from solids, bacteria and even viruses, complies with official regulations and until last month it was only used for productive systems, washing areas, WC discharges and irrigation of green areas in San Luis Potosí.

Last May it was commissioned the second wastewater MBR treatment plant in the Group located in the Saltillo complex, this project incorporates for the first time in the history of Bocar an additional step of reverse osmosis treatment which is capable of retaining particles smaller than 0.001 microns, for example metal ions, color and even atomic elements. Although this quality exceeds the typical parameters required for drinking water, the intention is to reuse it only in production processes that demand this superior quality such as Jet Cooling and CNC Machining.

With these projects, we minimize our environmental impact associated with discharges and extraction of fresh water from wells, contributing to the availability of water for society and future generations in the regions where our facilities are located.

We continue working towards the achievement of our water strategy with the construction of two new wastewater treatment plants, one for Chihuahua and one for the Lerma complex.