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Wastewater system for international cosmetics manufacturer successfully begins operation in Mexico

EnviroChemie has expanded the existing wastewater treatment facility for a cosmetics manufacturer. While the new plant was being built, the wastewater was purified using the EnviRent rental plant from EnviroChemie. The customer will utilise the benefits of the WaterExpert digital service platform to operate the new plant.

A global cosmetics corporation has commissioned EnviroChemie to install an expanded wastewater treatment plant with water recycling in Mexico.

At its Mexican location, the cosmetics manufacturer primarily produces creams, lotions, shower products and lip care products for the markets in Central and North America. The company is committed to acting in an ecologically responsible way. Therefore, it places significant emphasis on energy efficiency and the conservation of resources when it comes to selecting technologies and operating the plant.

Because the company expanded production at its site in Mexico, the existing wastewater treatment plant also needed to be adapted. Following a thorough planning and construction phase, EnviroChemie successfully commissioned a physicochemical treatment facility with a Flomar flotation system in combination with a Biomar biological membrane wastewater treatment system with an output of up to 80 m³ per hour. The treated wastewater is of such good quality that it can be used for water recycling, allowing the company to lower its consumption of fresh water.

The customer opted for EnviroChemie because it had already had good experiences with EnviroChemie plant solutions at numerous locations worldwide. EnviroChemie also provided two EnviRent rental plants during construction of the new plant technology, allowing production to continue while the existing plant was being modified and expanded.

The customer was impressed with EnviroChemie's digital service platform WaterExpert, which provides users with key data on the water technology systems and analyses it in monthly reports. The digital service platform also makes troubleshooting possible around the clock (24/7). With smart glasses, plant operators can request the support of EnviroChemie experts during their day-to-day work. Using the digital service platform helps to optimise consumption of energy and water treatment products, thus saving valuable resources.



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