



Municipal Wastewater



# DuPont™ B-Free™ Pre-treatment demonstrates its efficiency in Municipal Wastewater



## The Challenge

Municipal wastewater has high organic and biofouling potential, that can affect reverse osmosis performance, increasing operational cost.

## The Experience

Field validation using challenging feed water equipped with B-Free™ demonstrated that biofouling was effectively prevented in RO for more than 11 months.

## RO autopsy results



With B-Free™ Pre-treatment



Without B-Free™ Pre-treatment

## Fast Facts

**Location:** Tarragona, Spain

**Technology:** Ultrafiltration + B-Free™ + Reverse Osmosis

**Source Water:** Municipal secondary wastewater

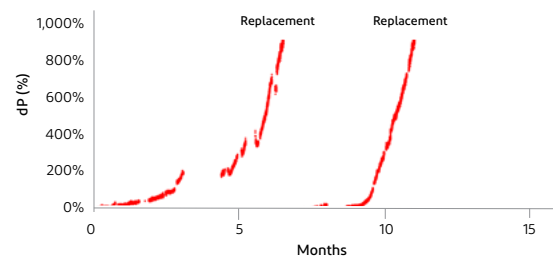
**Industry Segment:** Municipal

**Users Applications:** Wastewater (Municipal)

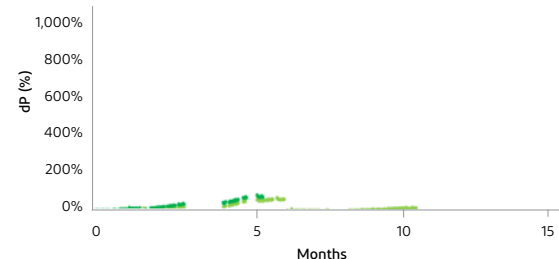
**Capacity (m³/h):**

**Commissioning:** 2019

Pressure drop in RO unit (without B-Free™)



Pressure drop in the RO unit downstream B-Free™



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