

Surface Water



# DuPont™ B-Free™ Pre-treatment demonstrates its efficiency in River water



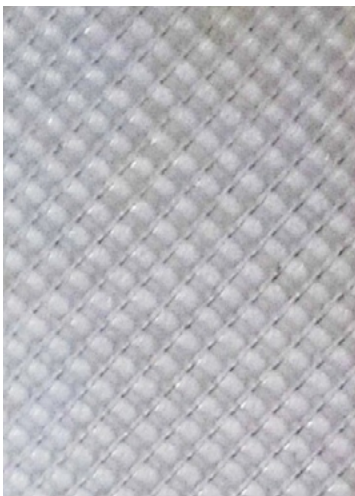
## The Challenge

High fouling potential surface water leading to rapid pressure drop build-up in RO cells.

## The Experience

Field validation in a biofouling environment equipped with a B-Free™ column demonstrated that biofouling was prevented in RO during a 35 days test and 8 replacements were avoided.

## RO autopsy results



With B-Free™ Pre-treatment



Without B-Free™ Pre-treatment

## Fast Facts

**Location:** Tarragona, Spain

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

**Source Water:** Ebro River

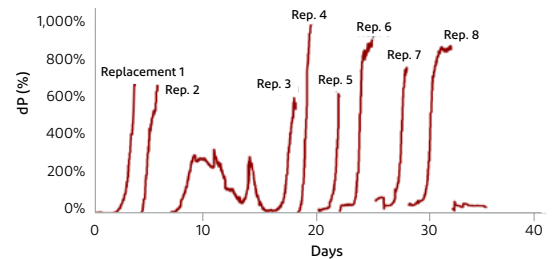
**Industry Segment:** Industry Utility Water

**Users Applications:** Drinking Water (Municipal)

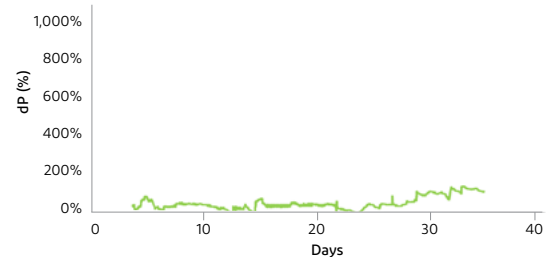
**Capacity (m³/h):**

**Commissioning:** 2016

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



Pressure drop in the RO unit downstream B-Free™



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