

Ruswarp WwTW - 20 Years reliable Service

Market segment	Wastewater
Application market	Wastewater Treatment
Pumped medium	Backwash Water
Pump product	Immersible with internal cooling
Country	United Kingdom



Challenge

Hidrostat United Kingdom supplied Yorkshire Water with a reliable backwash pumping solution for Ruswarp WwTW back in 2003. At the end of 2025, Yorkshire Water contacted **Hidrostat** to provide a replacement pump for the same installation.

Solution

During our investigation into the original pump, we discovered that the pump supplied in 2003 had been operating continuously for 22 years without any major maintenance or failures. This outstanding performance clearly demonstrates the build quality, reliability, and long-term efficiency of **Hidrostat** pumps. The original unit has now been replaced with a new, even more energy-efficient version of the same pump, ensuring trouble-free operation for the next 20+ years.

Benefits

This project highlights that selecting the right pump is not about choosing the cheapest option, but about fitting the correct pump for the application and delivering significant whole-life cost savings for Yorkshire Water over the lifetime of the asset.

- reliable operation throughout the entire lifecycle of the pump and system
- significant savings on operating costs

Quantity of units sold	2
Pump type	H08K-M02RW + HEWB6-GMEK+NCA3-10
Motor data	20 kW / 6-pole (952 rpm) / 400 V / 50Hz
Material combination	Cast Iron pump body, Hidrohard wear parts, impeller of ductile iron
Duty point	Flow (metric) : 139.0 litres per second / Head : 9.5 meters Flow (US) : 2'203 US gallons per minute / Head : 31.2 feet
In operation since	2003