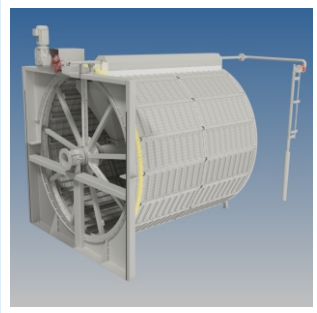


Anglian Water Elsham Water Treatment Centre

Project
Information



Project Introduction

For the Elsham water treatment plant owned by Anglian Water, Hubert was awarded the contract for delivery and installation of 3 microstrainers. The facility in Elsham processes 75 million litres (16.5 million gallons) of water every day. The plant supplies much of the drinking water for northern Lincolnshire. Anglian Water had a lot of problems with Zebra mussels that clog the water inlet pipe from the River Ancholme. The zebra mussel, *Dreissena polymorpha*, is a species of small freshwater shellfish.

Hubert Supply

Hubert designed & manufactured microscreen drum filters provided with a mesh opening of 35 micron to prevent zooplankton / mussel seed and blue-green Algae from entering the system.

The mussels live in the River Ancholme, and as they pump the water up they attach themselves to the steel pipeline which caused serious blockages. They have lived in the River Ancholme for decades, but their numbers have increased rapidly over the last few years. A female mussel can produce 500,000 larvae each year. Six tonnes of shells from the filtration pipe were removed each month!

The drum is placed in a concrete pit or a stainless steel tank and rotates on a stationary hollow shaft which is provided with one or more funnel-shaped debris collectors. The micro screen consists of a drum fitted along the circumference with screen panels. These screen panels are provided with metal woven fabric.

Key Figures

Location	United Kingdom
Hubert Products	Micro screen drum filter
Materials	s.s. 316
Year	2012



Company Profile

Hubert, founded in 1880, has almost 150 years experience in design & engineering, in-house manufacturing, installation & service of equipment for water purification and water intake applications. Our engineered products and technical expertise have enabled Hubert to become a major player on the global markets for water treatment solutions. We focus on high quality equipment with a long service life.

Over the years we gained an extensive number of satisfied customers & project references all over the world. Our machinery is a crucial part of every production facility and usually continuous in operation. Our equipment has to operate efficiently and reliably in extreme (weather) conditions. Hubert's installed base comprise many thousands of installations that have recently commissioned or that have been in operation for many years.

Below you can find more information about our divisional structure. We will be happy to hear about your project!

Our Divisions

Water Intake Systems

Hubert is market leader in water intake screening systems, used for mechanically clean water extracted from the sea, rivers or lakes. These systems can be found in power stations, petrochemical plants & refineries, desalination plants, drinking water & irrigation plants and industrial production plants requiring a huge demand of process water.

We supply complete complete 'screening trains' including all additional equipment, like controls and cathodic protection. We design, engineering and manufacture our equipment in-house.

You will find our projects in both new construction (EPC) projects and renovation & optimization of existing water intakes.

Waste Water Treatment Machinery

Hubert supplies waste water treatment machinery & (sub)installations applied in municipal and industrial waste water treatment plants. Our installations are of high quality and offer a long service life.

Clients range from water boards and authorities in the public sector, to multinationals in many industries.

Service & After Sales

Keeping your machinery operational. This is the daily work of our Service & After Sales division which proves its importance by keeping Hubert installations operational anywhere in the world. Founded in 1880, the large amount of projects that Hubert has carried out over the years has resulted in a huge installed base of equipment. Many of these are still in operation! We supply parts but also provide optimization and renovation of your existing equipment.

High-Spec Steel Assemblies

Hubert has been supplying both components and assembled parts to the offshore industry and other applications within the shipping and dredging industry for many years. Complex machined welding constructions, (sub) assemblies and complete products are part of our program.

For this market we work according to customer (mechanical) specs. Our scope includes parts in single pieces, series as well as assembled products.

