

# Protecting RO Membranes at a Pet Food Manufacturer

## APPLICATION

Monitoring of a river water intake to a RO treatment process that provides water for a pet food manufacturer

## CUSTOMER

Pet Food Manufacturer, UK

## PROBLEM

Accidents with hydrocarbon contamination in the river meant that the customer could have to replace a new RO membrane installation at a very high cost.

## PRODUCT

MS1200 – Standard version, 4-20 mA

## WHY MULTISENSOR?

The MS1200 provided turnkey protection, simplicity of installation and low cost of ownership.

## INSTALLATION FACTS

The instrument has been installed within the factory. The manufacturer abstracts water from a river and has its own small water treatment plant. Since the water is used in the preparation of food for pet animals, they need a high degree of purity and an

RO system is paramount. The river has a history of accidents involving hydrocarbons.

This means that the RO membranes could need replacement on a regular, unplanned basis. Now, when a contamination event is detected, that water is discarded, and the system is protected.

*Learn more on the new oil in water monitor and analyser by clicking on the image*



**The installed unit and the damage done to the membranes by hydrocarbon contamination.**