

Protecting RO Membranes at a Pet Food Manufacturer

Sector: Industrial Clean Water

Application: Monitoring a river water intake to a RO treatment process that provides water for pet food manufacture

Customer: Pet Food Manufacturer, UK

Installation date: 2016

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.



A picture of the unit installed in the factory.

Product

MS1200-01-SYS – Standard version, 4-20mA

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 basis. Now, when a contamination event is detected, that water is discarded and the system is protected.