

CASE STUDY

Water Storage & Pumping Project



About Mackle Petfood's Moy

Mackle Petfood's, founded in 1972 and based in Co. Armagh, is one of Ireland's leading pet food manufacturers, leading the way in pet products for over 40 years.

Our commitment and expertise are just some of the ingredients we pack into our best-selling products.

As Mackle Petfood's has grown as a company their production needs have expanded beyond their old water storage system.

To cope with this increase in demand from production a new water storage and pumping project was needed.

With water shortages plaguing the world, water scarcity has become one of the largest threats facing society today.

Governments have begun to develop new products and technologies to mitigate its effects on the world. Such projects and technologies include rainwater harvesting, water location transfers, desalination, and wastewater treatment

As these wastewater plants age and wear, how can you be sure they are working as efficiently as possible to maintain performance, maximise output, reduce maintenance and downtime?



Cost Efficient



More efficient water process produced

Fluid Thinking



DPS & DAB

- A Powerful Combination -

As distributors of pumping and treatment products to the water, wastewater, agriculture and industrial sectors, DPS has been a supply partner to many companies for over thirty years.

Our supply agreements with global-best-in-class manufacturers allow us to offer premium level pumping, blended with mixing excellence and cutting-edge macerators with full factory backup.

Our pricing structure allows us to offer a full supply, installation and service solution for complete project delivery at no commercial disadvantage to you, our customer, for total confidence and seamless support.

Industry Expertise

- Sole distributors for a number of market leading pump brands
- Sole distributors for mechanical screening and sludge handling equipment
- Our experienced team has the ability to make the product meet your every need

Design

Industry leading knowledge to help aid with the design processes through a highly qualified and industry award winning team

Relationships

- › Supplier relationships of industry products
- › Bringing contractors together to make the project run smoothly
- › Industry relationships through years of experience and commercial success

MCC

- › Factory testing provided by R&R
- › After installation on site and power connected, the MCC will be tested again

Training Plan

DPS will provide sufficient training to personnel to enable them to correctly and safely operate and after installation on site and power connected, the MCC will be tested

Water Storage & Pumping Project at Mackles:

- › Each tank wall was constructed from grade glass fused to steel panels.
- › Each tank was fitted with a low-level manway unit which was 800mm in diameter.
- › The hot water storage tank fitted with one 100mm single flange pipe connections
- › The hot water buffer tank would be fitted with two 150mm single flange pipe connections.
- › The above ground storage tank was fitted with one 200mm diameter (Outlet), four 100mm diameter (Inlets) and one 150mm (Overflow) diameter single flange pipe connections.

