



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?

About Mash Direct

Mash Direct is a farming and food production enterprise based in Comber, Co. Down, supplying vegetable and potato products to supermarkets and independent retailers across the UK and Ireland. As part of their production process, water is generated.

At present, Mash Direct have a pilot water treatment system installed onsite to treat this water. The treatment system includes a combination of aeration and sequencing batch reactors.

Mash Direct required DPS to trial and design an activated sludge plant c/w water recycling to provide Grade 2 water to the factory and Grade 3 water to the farm.



Environmentally Friendly



Cost Efficient



DPS & WaterTecnik

- 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

Project Scope

- › All civil and building works associated in installation to include all aspects showing on our design drawings, tank bases, structures and buildings, pipework, ducts, access platforms, storage areas and finishing works
- › New infrastructure, bunds and protection devices for failures overflows and environmental protection
- › Water recycling to include a UF plant, RO plant, UV system and booster sets to feed water back to the factory, farm and NI Water discharge location all monitoring, dosing and cleaning systems
- › All pipework, control valves, isolation valves and brackets
- › Three clarifiers

