



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 GlassLough Tyholland GWS

The National Federation of Group Water Schemes is the representative organisation for the community-owned group water scheme sector in Ireland. Since its establishment in 1998, the Federation has worked in partnership with government departments, local authorities and other state and non-state stakeholders to ensure that the services provided by our GWS members achieve the highest standards in terms of water quality and consumer service.

The GlassLough Tyholland section of the GWS required three booster pumping stations at three of their stations: Mullaghpaek, Rosses Road and Wards Cross.



Higher Efficiency & Lower Opax



Increase in Flexibility



DPS & Grundfos

- 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

- › DPS provided the mechanical and electrical upgrade of three booster pumping stations on the GWS distribution network.
- › DPS will provide GWS with a mechanical and electrical maintenance contract for the three booster pumping stations.
- › New pipework and isolation valves were installed on suction and delivery of the new booster set.
- › A Nortech online monitoring system was installed to monitor pump performance and provide real time data from site on pressures and flows. This will also provide all alarm notifications and allow for faults to be reset remotely.
- › A generator changeover switch was provided and wired to a local point on the outside wall of the building
- › New building services were installed which included an inside light & switch outside light, PIR & switch and a suitable room heater and stat for frost protection.

