

## Irrigation Solutions.

The project required the use of a range of specialist irrigation equipment and machinery.

This included;

Ditch Witch HT115

Ditch Witch RT75

Ditch Witch 8020's

Case 560

Hitachi mini excavators

Utility & support vehicles

## IRRIGATION DESIGN

The project was designed and specified by leading consultant Irritech Ltd.

The system comprises of a network of PE pipe and cable with water sourced from boreholes and stored in a newly constructed reservoir with variable speed pump stations constructed to both transfer water across the site and to form the primary feed for the irrigation system.



Key product:

Toro Site Pro GDC

Toro 830 & 850 Series Sprinklers

Toro TR70 Sprinklers

Toro P220 Solenoid Valves

## The Berkshire Golf Club.

Irrigation Control Ltd have recently completed the installation of an automatic irrigation system to the Herbert Fowler designed Red and Blue heathland courses at The Berkshire Golf Club.

Following a competitive tender process to the design and specification produced by leading consultants Irritech Ltd, Irrigation Control were awarded the contract to supply and install a Toro system to greens, surrounds, approaches, tees and fairways to both courses.

The project incorporated over 45,000 metres of PE pipe and cable installed using vibratory moleplough techniques with the Toro 800 series sprinklers (incorporating adjustable trajectory) installed to the greens, approaches and fairways and the TR range of sprinklers installed to the tees. The system included the construction of a 400m<sup>3</sup> plus water storage tank fed via a variable speed pump station from the newly constructed reservoir and the installation of a multi pump variable speed pump station feeding the irrigation system.

The project also utilised the new Toro Site Pro GDC control system allowing for PC based control including mapping, radio remote control and a linked weather station to provide for accurate, efficient and flexible control over both courses.

The project commenced in October 2007 and our range of specialist machinery and experienced staff were utilised to ensure the detailed program was adhered to with minimum disruption to both the playing surface and the clubs calendar events. Due to the project scale this required for a continuous operation with hole closures minimised at all times, however our unique machinery inventory and commitment ensured the project was completed on time with handover taking place only six months after commencement.

Following completion our engineers and Toro provided on-site instruction and training in the operation of the PC controls and the general system.



IRRIGATION control