

Case Study

Water Borehole

Knighton Heath Golf Club

Hampshire



At a glance

- Water borehole for irrigation
- A complete installation service
- Carbon saving installation
- Saves money

Objective

The club wanted to be less reliant on a mains water supply so instructed Nicholls to install a water borehole system. Nicholls worked closely with Irritech Ltd, one of the UK's leading Golf Course irrigation consultants to provide a sustainable and reliable supply of water for their irrigation system.

About the project

After reviewing the geology and understanding the water demands for the club, Nicholls undertook the design of the borehole taking into account the geology below the site and the flow rates required from the borehole. This enabled us to specify the diameters required. Once drilled Nicholls conducted a yield test for the borehole to confirm the availability of water at the required flow rates. Also a sample of the water was sent off for analysis to understand whether or not treatment was required before being used for irrigation. The correct pump was then specified and installed with automatic control system. The club now continue to save money year on year.



“Nicholls submitted a competitive bid to drill a 65m borehole to access a local aquifer on our golf course with the installation of a submersible pump, pipe work and electrics linked to our on site water storage tank. The work was carried out to a professional standard with full method statements submitted and risk assessments carried out. The work was project managed by an excellent office based team and on site workers communicated well with out green keeping staff on a daily basis. We were very satisfied with their work and would not hesitate to recommend them for any similar projects.”

Reunert Bauser, General Manager, Knighton Heath Golf Club, Hampshire