

Large Water Well Installation Leven Links Golf Course, Fife

Early in 2022, Hydracrat Ltd were appointed by Leven Links GC to investigate the potential for a new borehole to supply groundwater to satisfy their course irrigation requirements. This project formed part of Leven Links' wider agenda to future-proof their course infrastructure.



Prior to drilling, the client had sought initial assurances that a suitable groundwater supply (both in terms of quantity and water quality) was likely to be found within the boundary of the golf course.

Hydracrat therefore engaged a chartered geologist to carry out an independent desk-based assessment. The geologist - who summarised key findings in a desk report - observed that a suitable groundwater supply was a possibility but recommended that initial test drilling in targeted locations be carried out, in order to confirm.

Hydracrat thereafter mobilised to site to carry out small diameter "probe" drilling, which demonstrated that a sizeable groundwater supply could be achieved at one location. Water samples were also collected from the probe borehole for chemical analysis, which indicated that the water quality was ideal for irrigation purposes.

Attention turned to the specification of the borehole and the downhole components, with Hydracrat exploring a range of options with the client, to ensure the required level of abstraction was achieved within budget.

Once the specification was agreed, Hydracrat's drill crew proceeded to develop the existing probe borehole into a larger diameter, before installing all downhole components including the submersible pump & motor, riser, electric cabling and well screen.

"Our main objective at Leven Links was to find a reliable source of water, to future-proof our irrigation system for years to come.

After a detailed discussion and planning with the Hydracrat team, I was confident with our borehole location, leading to a hassle-free installation.

I am a great believer, you get what you pay for, and the Hydracrat team fully represents that in more ways than one."

Craig Berry, Course Manager at Leven Links Golf Course