

# Is a water borehole right for your business?

## Q. Can a borehole save my business money?

A. Yes. There are initial costs when drilling a water borehole, however, the return on investment can be relatively short.

## Q. How deep does a borehole need to be?

A. Boreholes are usually around 20-100 meters deep, but this varies depending on the volume and location of groundwater.

## Q. Do we need any special permissions?

A. If abstracting less than 20,000 litres per day, no permissions or licencing are required.

## Q. How big will the water borehole be?

A. Water boreholes are normally drilled between 10 and 50 cm wide. The finished area is usually the size of a large manhole, but will be larger if treatment is required.

## Q. How long will it last?

A. The modern materials used in the construction of a new borehole are designed to ensure that it lasts a lifetime.

## Q. Can I combine a borehole with a mains supply?

A. Yes. It is possible to interconnect with existing mains water supply, however there must be a system to protect against backflow.

## Q. Will a water borehole need a pump?

A. Unless the water is under pressure, a submersible electric pump is used at the bottom of the borehole to bring the water to the surface.

## Q. How deep will it be?

A. It varies, but generally, a water borehole is between 20 -100 meters deep.

## Q. How long does it take?

A. The time it takes to drill for a water supply can vary, as there are a few stages to go through first:

- A hydrogeological survey is conducted to assess suitability, water quality and quantity.
- Permissions may then need to be applied for.
- On-site work can then begin, generally taking 10-15 days.
- The water drawn is then sent to a lab for purity tests, taking two to three weeks.
- Depending on the quality of the water, a treatment system may need to be installed.

Speak to our water experts today to find out more information on boreholes and how they can benefit your business.

Call us on **01772 689 250** or email [hello@inspiredplc.co.uk](mailto:hello@inspiredplc.co.uk)

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