

# WATER SERVICES

ONE STOP SHOP FROM ASSESSMENT TO COMMISSIONING AND VERIFICATION



## CAPABILITY DOCUMENT

### *Common findings of Groundwater Development*

#### *Well Location Requirements*

*Well location needs to take into account required separation distances from septic tanks, while also considering other potential contamination sources.*

#### *Well Abstraction Considerations*

*Well abstraction can influence other wells, cause saline intrusion, impact on groundwater dependent terrestrial ecosystems.*

#### *Natural Groundwater Quality*

*Depending on the aquifer type, naturally occurring parameters such as iron and manganese may need treatment. Hardness can impact on water distribution systems or radioactivity can naturally be elevated – these can be easily treated.*

#### *Protection of Groundwater*

*Protection starts with correct well installation in a suitable location. Measures to control activities in a catchment need management.*



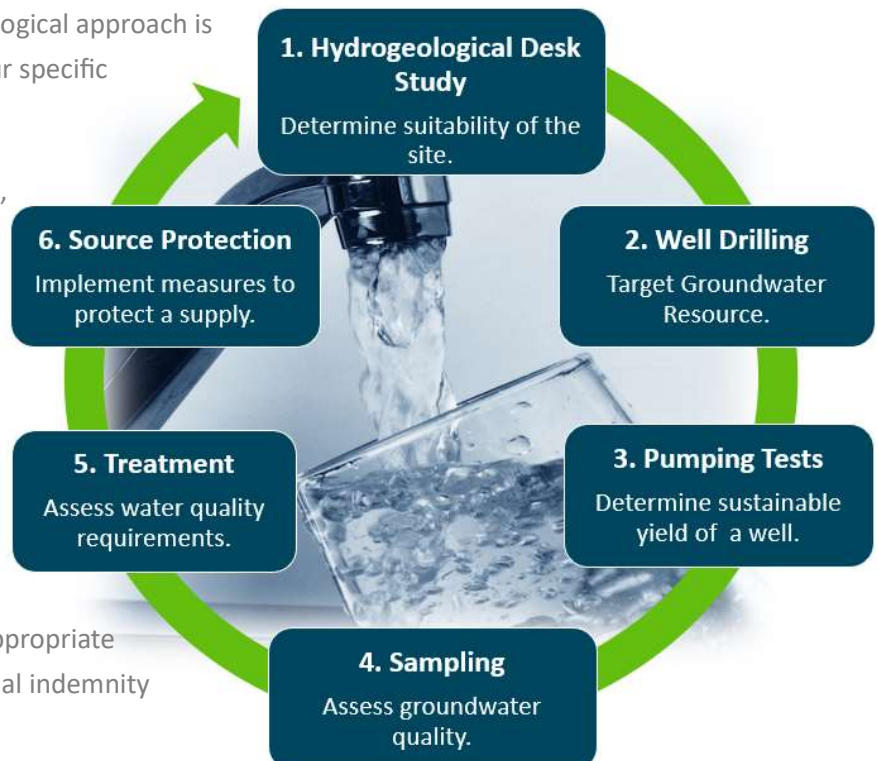
### **LOOKING TO REDUCE COSTS AND DEPENDANCY ON MAINS WATER SUPPLY?**

The development of sustainable groundwater resources is a key element in helping our clients to reduce costs associated with the use of water. Verde has built a team of water specialists who are focused on delivering a quality one-stop-shop hydrogeological service from assessment, to commissioning and verification to our clients varying from domestic to industrial.

### **OUR EXPERTISE AND APPROACH**

Verde offer a nationwide groundwater development service, providing you with independent and impartial expertise to ensure that the most appropriate and cost-effective hydrogeological approach is taken to match your specific requirements.

Our tailored advice, provided by an experienced and dedicated team of environmental experts, is commercially focused, clearly communicated, delivered on time and backed with appropriate levels of professional indemnity cover.



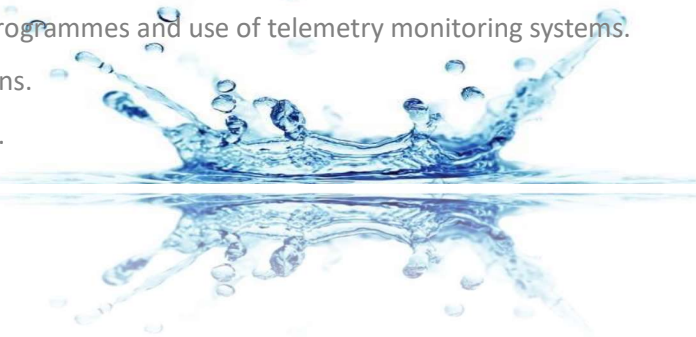
## OUR GROUNDWATER CLIENTS INCLUDE



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## ADDITIONAL WATER SERVICES

- Hydrogeological studies on authorisation of discharge to groundwater for wastewater systems.
- Groundwater monitoring programmes and use of telemetry monitoring systems.
- Water treatment installations.
- Dewatering design services.
- Geothermal assessments.



## OUR PEOPLE



**Kevin Cullen, Hydrogeologist** - professional geologist with over 30 years' experience, and responsible for the hydrogeological assessment of many of the largest infra-structure projects in Ireland. He is an expert in developing and testing hydrogeological conceptual models and in the sustainable development of groundwater resources.



**Donal Hogan, Senior Hydrogeologist** – professional geologist with over 18 years' experience in hydrogeology related projects. In particular, he has extensive experience in the development of potable and sustainable groundwater resources.

## OUR ACCREDITATION

Quality, Health & Safety and Environmental performance are cornerstones of our business.

We maintain our accreditation to ISO Management Systems Standards and are continually looking to improve our performance.

We also hold memberships and affiliations with relevant industry and professional bodies.



For further information, please visit us at [www.verde.ie](http://www.verde.ie) or email [donal.hogan@verde.ie](mailto:donal.hogan@verde.ie)

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