

# Groundwater and Hydrogeological Services

## Groundwater – A Precious Resource

Groundwater is often out of sight but shouldn't be out of mind, especially as the protection and sustainability of groundwater is becoming an increasingly important environmental issue.

A comprehensive understanding of the occurrence and movement of groundwater within the environment is essential to protect and manage this precious resource. We work closely with our clients, using our knowledge and experience to manage risks and identify opportunities.

## What We Do

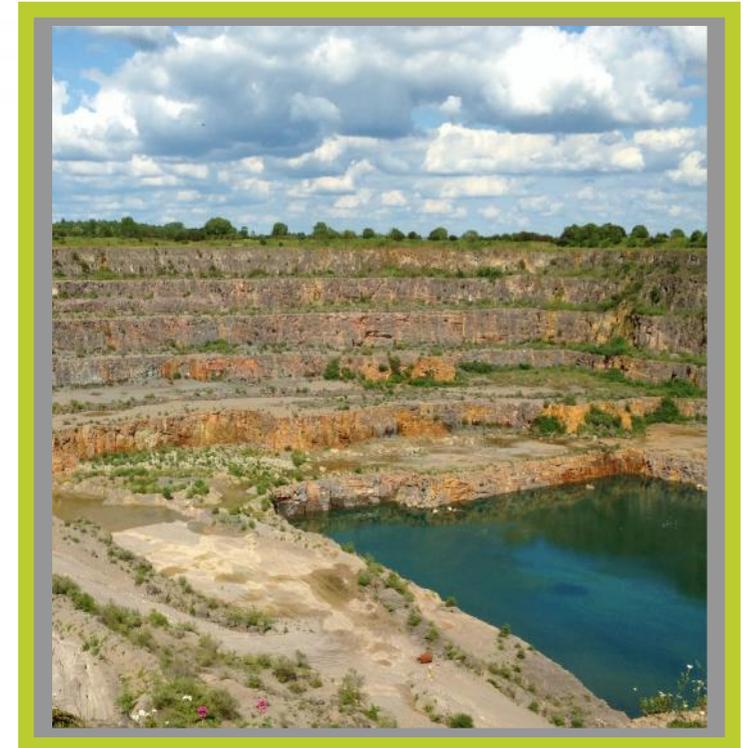
JH Groundwater delivers effective advice and solutions for a range of groundwater issues including:

- The evaluation of groundwater impacts and opportunities for a range of projects including major and minor development, mineral works and infrastructure;
- Specialist groundwater input to Environmental Impact Assessments (EIA);
- The development of groundwater monitoring and assessment programmes;
- The development, licensing and management of new and existing groundwater abstractions;
- Assessment of hydrogeological risk from landfill, land contamination and other potentially contaminating activities;
- Specialist support for regulatory bodies including NRW, the EA and local authorities;
- Groundwater and energy.

We work with engineers, environmental co-professionals and other specialists to deliver projects on time and to budget. Clients ranging from national regulators to the private sector and individuals trust our in-depth knowledge for solving their groundwater issues.



We provide independent, cost effective and pragmatic advice on groundwater and hydrogeological issues.



## Speak to us

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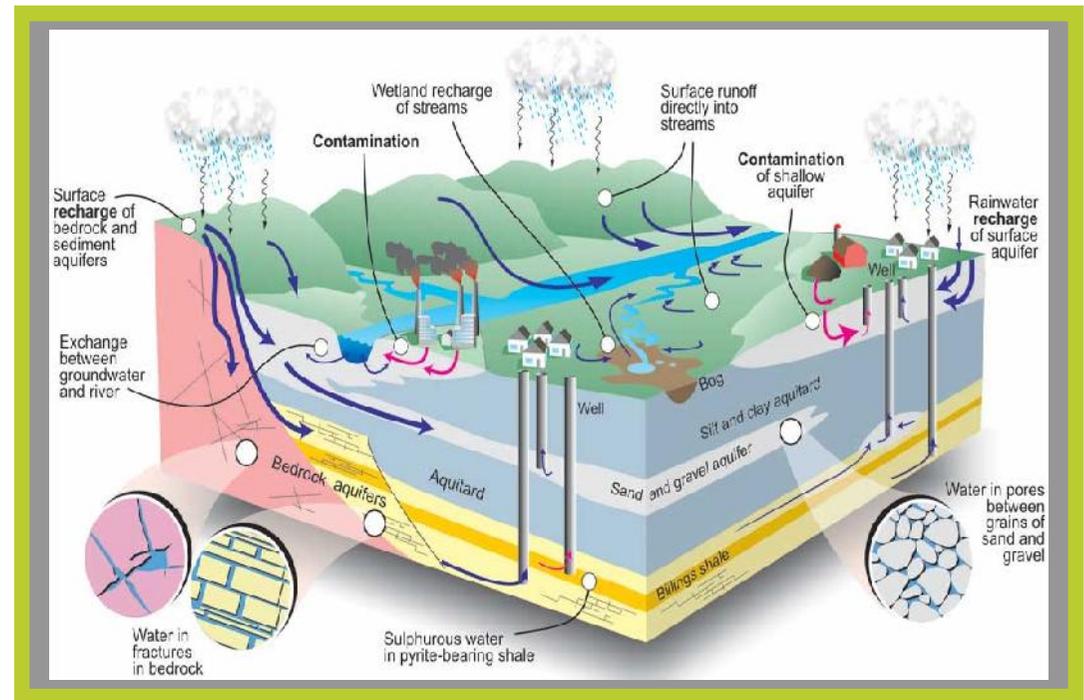
## Our Services

Examples of the services we provide include:

- Desk studies and conceptual model development;
- Groundwater resource and supply assessment (regional and local scales);
- Groundwater baseline studies;
- Water Chapters and groundwater studies for Environmental Impact Assessment (EIA) and masterplanning;
- Hydrogeological risk assessment (HRA) including waste management, contaminated land, foul and surface water drainage;
- Contamination assessment;
- Groundwater in civil engineering;
- Groundwater in drainage including SuDS and highways;
- Design, project management and supervision of groundwater field programmes;
- Groundwater and energy;
- Private Water Supplies (springs, boreholes, wells);
- Borehole management and remediation including pumping tests;
- Groundwater data management;
- Abstraction and discharge permitting and licensing;
- Regulatory support and advice.

If you have any hydrogeological or groundwater questions or issues we will be pleased to discuss this with you.

Our project locations include UK, Ireland, Guinea, Senegal, Australia, Germany, Kazakhstan, Kuwait, Saudi Arabia, and Russia.



## Sectors

We have delivered projects for a range of clients across a number of sectors including:

- Waste management;
- Property and development;
- Mining and quarrying;
- Transport and roads;
- Water;
- Food and drink including the bottled water industry;
- Local authorities and environmental regulators;
- Healthcare;
- Defence.