

# Groundwater Testing

Fitz Scientific offers comprehensive groundwater analysis services to assess the quality of groundwater resources. This service is essential for ensuring safe drinking water, monitoring environmental health, and complying with regulatory standards.



## Service Information

Groundwater analysis involves a series of tests to evaluate the physical, chemical, and microbiological quality of groundwater. Fitz Scientific's services include testing for contaminants such as heavy metals, nitrates, pesticides, and microbial pathogens. Utilizing advanced laboratory equipment and methodologies, Fitz Scientific provides accurate and reliable results, crucial for environmental monitoring, regulatory compliance, and ensuring the safety of water supplies.

Regular groundwater testing helps detect pollution sources, understand hydrogeological conditions, and monitor changes over time. This service is vital for local authorities, industries, agricultural operations, and private well owners. Fitz Scientific's groundwater analysis is particularly important for industrial facilities, which must comply with EPA Integrated Pollution Prevention and Control (IPPC) licensing requirements. The IPPC licenses mandate regular groundwater monitoring to prevent and control pollution. By identifying potential contamination early, Fitz Scientific help clients take corrective actions to protect public health and maintain compliance with environmental regulations. Their detailed reports assist clients in making informed decisions about water management and remediation efforts.

Our Field Services Technicians are highly qualified and experienced in the monitoring of groundwater including purging and sampling.



## Regulations & Standards

- Environmental Protection Agency (EPA) Guidelines
- EU Water Framework Directive (2000/60/EC)
- European Communities Environmental Objectives (Groundwater) Regulations 2010.
- European Union (Drinking Water) Regulations 2023

## Key Features of the Service

- Comprehensive Contaminant Testing
- Rapid Turnaround Time
- Detailed Reporting
- Accredited Laboratory (INAB)
- Nationwide Sample Collection

## Common Tests

- pH, Dissolved Oxygen, Redox Potential
- Ammonia, Nitrate, Nitrite
- Orthophosphate, Phosphate
- Alkalinity, Hardness, Colour, Turbidity
- TOC, Silica, Chloride, Fluoride,
- Metals
- Coliforms & E. Coli
- Pesticides & PFAS

To learn more about our services or request a quote, contact Fitz Scientific at 041 9845440 or email [info@fitzsci.ie](mailto:info@fitzsci.ie).

By partnering with Fitz Scientific, businesses can be assured of quality of service, excellent customer support, world class monitoring and testing services.



MONITORING & TESTING

Accredited Laboratory

Views all our services

