



# Water Quality Monitoring

## Quality, Protection and Peace of Mind



Water is a precious, but limited resource essential for human consumption, wildlife, amenity and industrial use.

Monitoring the quality of surface and groundwater is essential if the quality is to be maintained or improved.

We offer a range of surface and ground water quality sampling techniques for incident and directive investigations.

Our highly qualified staff are able to assess a range of waterbody types such as rivers, lakes, ponds, canals, and tidal or marine environments

*"With ever increasing pressures on our water environment it is essential that decisions are based on sound data, science and local knowledge"*

*Peter Mulder, Environmental Monitoring Manager.*



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# Water Quality Monitoring

## Our services include:

- \* River, lake and reservoir water quality sampling
- \* Pollution monitoring
- \* Groundwater quality sampling
- \* Groundwater leveling
- \* Automated Quality Monitoring System (AQMS)
- \* Microbiological sampling for potential pathogens
- \* Fully trained staff for hydrogen peroxide dosing
- \* Interpretation of analysis results and clear reporting
- \* Use of biological indicators to assess potential impact of water quality on aquatic ecology

Please contact us if we can be of any further help. All the services we provide follow recommended Codes of Practice and national guidance.

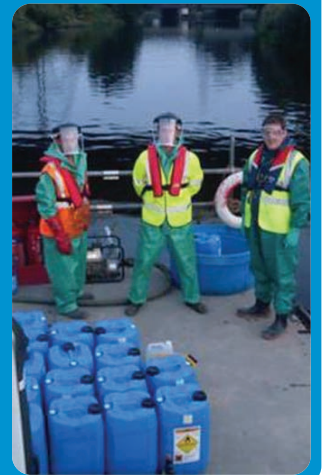


## Case study: Peroxide dosing in the Lower Lee

Our Environmental Monitoring division were recently involved in a project looking at the use of hydrogen peroxide to alleviate water quality problems in the River Lee through the **Olympic** development site.

The work was commissioned as part of the installation of the Prescott Lock at the lower end of the River Lee.

The lock has removed the tidal influence from the lower Lee, and has created an impoundment behind which, water quality may deteriorate. The project involved dosing the river with two forms of hydrogen peroxide and monitoring the effect using instrumentation.



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