

The Environmental Protection Agency, Wexford

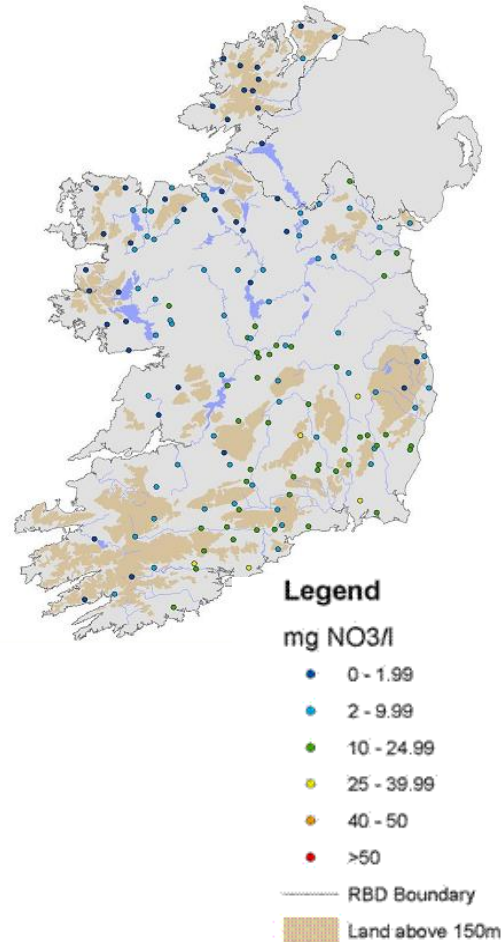
EU Nitrates Reporting

Contract Brief

This project provided assistance to the EPA with the management, analysis and mapping of environmental monitoring data to fulfil the reporting obligations under Annex V of the EU Nitrates Directive (91/676/EC).

Under the Nitrates Directives, member states of the EU are obliged to report every four years on the protection of waters against pollution caused by nitrates from agricultural sources. The EPA has statutory responsibility in Ireland to report this information in June 2008 for the 2004-2007 reporting period.

JBA was given responsibility to produce the report based on monitoring information collected and collated by the EPA. This contract was awarded under the EPA GIS and Environmental Management Framework Agreement.



Project Stages

Collating and Organising the Data

The monitoring information was organised and transformed into the prescribed formats and tables for stations and samples. A geo-database was built using ArcGIS and MS Access to manage the data.

Analysing and Summarising the Data

The data were aggregated over the reporting period and the results analysed for trends since the last reporting period.

Mapping and Reporting

The results were mapped and interpreted in the final report with respect to nitrate concentrations and eutrophication. The document also reported on the evaluation of national action programmes for limiting nitrogen applications in the agricultural sector.



For more information

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