

Ireland - Urban Waste Water Reporting to the EC for the Environmental Protection Agency

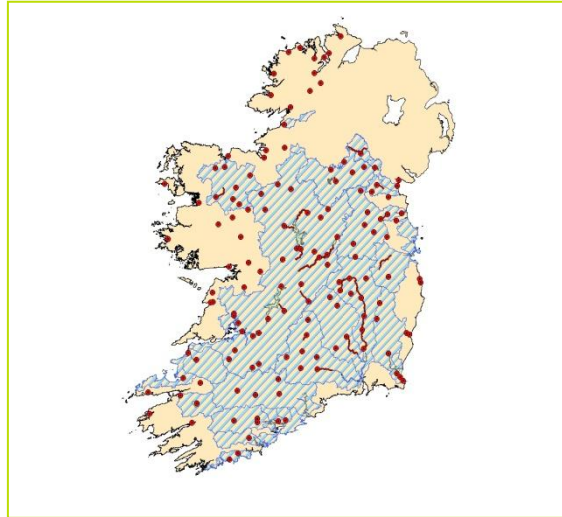
Contract Brief

JBA provided assistance to the EPA with the management of the 2006 urban waste water information to meet reporting obligations under the Urban Waste Water Treatment Directive (91/271/EEC).

In 2007, the EC introduced the UWWTD Questionnaire 2007 as a new reporting tool to facilitate the submission of digital data according to the reporting obligations. This tool placed new obligations on member states to provide information on agglomerations, treatments plants, discharge points and receiving areas in prescribed formats and values.

JBA analysed, queried and transformed data from EPA's waste water database to produce results tables and spatial data files according to the Questionnaire 2007 Data Blocks.

This contract was awarded under the EPA GIS and Environmental Data Management Framework Agreement.



Treatment Plants for reported Agglomerations within Sensitive Areas

Project Stages

Analysing and Querying Data

The content and structure of the EPA database, which is populated from local authority data, was analysed and queries generated to extract the required information.

Transforming and Collating Results

The query results were transformed and collated into tables with the required structure and format.

Aggregating and Summarising Results

Sample data for bio-chemical parameters were aggregated to calculate annual results and to generate pass/fail statistics against performance criteria.

Mapping and Reporting

Spatial datasets of the key entities were prepared in addition to the results tables for the main Data Blocks.

For more information

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