



WaPUG Guide For the Quality Modelling of Sewer Systems

The first edition of the new WaPUG Guide for the Quality Modelling of Sewer Systems should be hitting the WaPUG website in the near future. The guide will be available for download in pdf format.

Since Urban Pollution Management (UPM) methodologies have become established, and wastewater network designs are often based on water quality as well as hydraulic parameters, the WaPUG Committee identified the need for a code of practice for quality modelling of sewer systems.

During the development of this document it became clear that there are a wide range of approaches being used in the UK water industry ranging from detailed deterministic modelling of water quality parameters to the use of event mean concentration techniques and hydraulic analysis. All of these methods are acceptable in the appropriate circumstances.

The aim of this document is to provide a summary of current best practice in the UK at present and provide a framework in which to carry out sewer quality modelling. It is not the intention to replace other existing publications and this guide should be read in conjunction with the UPM manual and the WaPUG *Code of practice for the hydraulic modelling of sewer systems*⁽¹⁾.

A short presentation will be made of the key elements of the guide.

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