

Information Papers

Flood Risk Assessments Planning Application Support

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ENGINEERING THE FUTURE

Risks of flooding have increased

Climate change and high levels of development have combined to increase the risks of flooding – and the damage it causes. The floods of Easter 1998 caused five deaths, £400 million of damage and resulted in 1,500 people being evacuated from their homes. The floods two years later damaged around 10,000 properties in the UK.

These high economic costs and the threat to human life mean that flood risk assessments are now an accepted fact of life for anyone who is planning to build or develop. The Environment Agency's guideline PPG 25 says that any construction activity likely to affect a flood plain must contain elements within it that mitigate potential flood problems. In effect, this means that all developments must have a flood risk assessment because, crucially, the guidelines say that developments outside flood plains are equally bound by this ruling. It is the likely effect of the development on the environment that must be considered – not whether the development is likely to be flooded itself.

This means that anyone planning a significant construction project must have expert impartial advice about the best way of managing and containing potential flood risk. This is a specialist area of professional expertise, outside the competence of architects and builders that requires

professional experience, expert knowledge and the application of state of the art modelling tools.

Rolton Group is a long-established multidisciplinary company of professional engineers and managers with teams and skills offering a comprehensive range of services. We operate throughout the UK with a high level of technological input and have specialist experience of flood risk assessment with a wide range of clients.

After we have made a flood risk assessment, the output of our expertise is a report that quantifiably assesses the likely risk of your proposed project being affected by flooding.

We will give you a recommendation for incorporating the likely risk into your building plan.

All construction projects require a flood risk assessment. It makes sense to have your assessment carried out by specialists who can give you an accurate assessment of your risk and a sound and effective plan to mitigate it.

To find out more about flood risk assessments contact Neil Tompkins at Rolton Group on 0870 726 0000 or email us at floodquote@rolton.com

