



H2OK

Flood Risk Assessments

Flood Risk Assessments

H2OK consultants have extensive experience in the field of flood risk having carried out numerous flood risk assessments for both public and private bodies. Taking flood risk into consideration early on in the site layout, our engineers work towards successful planning outcomes where flood risk issues are a factor. H2OK provide a competitive service to developers providing flood risk assessments in line with Appendix E of PPS 25. Managing surface water runoff in line with best practice is an important part of any development. H2OK offer specialist design and site testing services to allow schemes to be devised which ensure that runoff from developments does not contribute to fluvial flooding.



- Consultations with the Environment Agency and LPA on planning applications
- Tidal and wave calculations / joint probability analysis
- Reporting and flood mitigation recommendations
- Hydraulic modelling of rivers and streams
- Flood flow estimation
- Design of Sustainable Urban Drainage Systems (SUDS)

Following an earlier objection and planning refusal, H2OK became involved in a project in Hayle, Cornwall. In this case the Environment Agency removed their objection to the development:

The site has now, however, been demonstrated by H2OK to be an appropriately defended site. Development of the site may therefore be acceptable. Further to our appeal statement of the 05 September 2005 the Environment Agency therefore removes it's objection to this proposal on flood risk grounds



H2OK

H2OK Systems Ltd, Nanjerrick Court, Allet, Truro, Cornwall TR4 9DJ
ph: 01872 542100 web: www.h2ok.co.uk