

The Code measures the sustainability of a new home against nine categories of sustainable design, rating the 'whole home' as a complete package. The Code uses a 1 to 6 star rating system to communicate the overall sustainability performance of a new home. The Code sets a number of mandatory elements which must be attained in order to gain a rating.

Waterco has experience in providing reports showing how to fulfil the mandatory elements and attain the available credits for Sur1 (Management of Surface Water Run-off from developments) and Sur2 (Flood Risk). These are both in Category 4: Surface Water Run-off.

Our Surface Water Run-off CSH Services:

Waterco offers a number of services specifically tailored to meet your CSH needs and help you gain the maximum available credits relating to Category 4. The services detailed below are all fully in accordance with the latest CSH Technical Guide (Nov 2010) although we also still provide reports in accordance with previous code versions where appropriate.

CSH Surface Water Run-off Appraisal:

We investigate and advise on the most appropriate surface water drainage solutions for the site and provide a written report. This will identify how the Mandatory Elements of the Code for Sustainable Homes (CSH) Category 4 will be achieved. Such a report includes the following:

- Review of existing drainage records
- Analysis of percolation tests
- Assessment of impermeable areas and calculation of the peak rates of run-off
- Calculation of the volume of run-off, pre and post-development and recommendations of how the additional volume could be dealt with (by infiltration, rainwater recycling and/or attenuated discharge)
- Consultations with Environment Agency, Sewerage Operator, Highway Authority, Planning Authority, Building Control and land owners as appropriate
- Level 1 FRA – Screening Study to identify any flooding or surface water management issues (Mandatory Evidence)
- Assessment of options for the site and general information on the options and credits available e.g. adoption, SUDS
- Conclusion of anticipated solutions for surface water disposal and recommendations of next steps to be undertaken in the detailed design
- Completion of summary template for submission to the Code Assessor.



Flood Risk Assessments:

For developments located in an EA Flood Zone 1 i.e. at low risk of flooding from rivers or sea, we offer a fully compliant, professional report **from just £400**. Such a report could achieve 2 CSH credits towards the overall rating.

Benefits:

This highly effective service is increasingly popular with developers who need to comply with CSH and want to boost a development's code rating at a low cost.

As one of the UK's leading flood risk consultancies, we have produced over 200 flood risk assessments for all types and sizes of site nationwide for planning applications and for CSH compliance.

Our experience and understanding of all issues relating to water and drainage means we can identify any additional issues if they arise, so you can adapt your design to avoid potential problems early in your development.

Fast-Track Service

We offer a 2 day service for an additional 25% fee on all of our CSH reports.

For more information please contact us or visit our website- <http://www.waterco.co.uk>

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