

Surface Water Drainage Policy Appendix

Technical Assessment of Surface Water Drainage (Discharges) Self help guide for designers

The role of the Pre-Development Engineers is to make an assessment of the available capacity for any new connection to the public sewer.

The assessment will be carried out for any of the following, where the surface water hierarchy has been followed and a connection to the public sewer is required:

- i. Connecting new, existing or altered premises directly to the public sewer for the purposes of discharging surface water flows.
- ii. Connecting new, existing or altered premises indirectly to the public sewer for the purposes of discharging surface water flows.
- iii. Making additional direct or indirect connections to the public sewer for existing or altered premises for the purposes of discharging surface water flows.

In-order for the Pre-Development Team to make a thorough assessment, the following information must be submitted with your enquiry:

- A calculation of the proposed discharge rate, and preferred connection point from the new development. Calculation of the discharge rate should be according to the surface water design criteria as outlined in Anglian Water's Surface Water Drainage Policy. This should be accompanied by an assessment of flood risk both within the development and elsewhere, where appropriate.
- Design for exceedance flows. The surface water drainage scheme should be designed for all events up to the 1 in 100 plus climate change, including any overland flows from surrounding areas. Exceedance design and management should be provided for all flows in excess of the 1 in 30 year event. Flows that exceed the design criteria must be managed in flow conveyance routes that minimise the risks to people and property both on and off site.
- The latest climate change allowances should be applied using the Environment Agency's guidance '[Flood Risk Assessments: Climate Change Allowances](#)'. Further reference should be made according to the LLFA local design criteria.
- Details of any online or offline flow control structures to be used.
- Details of upstream source control measures in the surface water scheme.