

To ensure satisfactory consultation by the Lead Local Flood Authority (LLFA) the following information is required:

Outline Planning Application			
LLFA Information Checklist		✓	Explanation as to why the information is not included/needed
a)	Detailed site location and layout plans		
b)	Desktop study to incorporate maps showing: <ul style="list-style-type: none"> • Topography of the development site, with contours at 1m intervals • Existing surface water flow routes, drains, sewers and watercourses • Flood risk from main river and coastal sources¹ • Surface water and groundwater flood risk¹ • Geological² and soil types³ 		
c)	Flood Risk Assessment* <ul style="list-style-type: none"> • As required under NPPF/PPG and the Environment Agency guidelines 		
d)	Indicative Site Drainage Strategy, including: <ul style="list-style-type: none"> • Preliminary sustainable drainage proposals • Outfall locations • Discharge rates • On-site storage requirements 		

**indicates this information should be supplied where applicable. This is often on a site-specific basis and the local planning authority or applicant may wish to discuss with the LLFA whether this information is required for the development proposal.*

1 Information available from the Environment Agency website: <http://apps.environment-agency.gov.uk/wiyby/default.aspx>

2 information available from British Geological Survey website: <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>

3 Information available from the Soilscales website: <http://www.landis.org.uk/soilscales/index.cfm>

To ensure satisfactory consultation by the LLFA the following information, in addition to that above, is required:

Full Planning Application, Reserved Matters, Discharge of Conditions <i>(in addition to the information required at Outline stage)</i>			
LLFA Information Checklist		✓	Explanation as to why the information is not included/needed
Site and Drainage Layout			
a)	Proposed site plan showing exceedance routes and identification of catchment area(s)		
b)	Drainage layout plan, to include: <ul style="list-style-type: none"> • Sustainable drainage system • Sewers • Drains • Watercourses 		
c)	Site investigation report, including the results for each SuDS feature of: <ul style="list-style-type: none"> • Boreholes or Trial Pits • Infiltration (Permeability) Testing • Factual Ground Investigation Report (GIR) • Geotechnical Design Report (GDR)* 		
Drawings and Calculations			
d)	Detailed design drawings, including: <ul style="list-style-type: none"> • Details of inlets, outlets and flow controls • Long and cross section drawings of proposed drainage system(s), including design levels • Details of appropriate water quality treatments 		
e)	Sustainable drainage system flow calculations (<i>PDF files showing the input and output data for flow calculations</i>) and storm simulation plan for: <ul style="list-style-type: none"> • 1 in 1 year; • 1 in 2 year; • 1 in 30 year, and; • 1 in 100 year + 30% climate change 		

*indicates this information should be supplied where applicable. This is often on a site-specific basis and the local planning authority or applicant may wish to discuss with the LLFA whether this information is required for the development proposal.

1 Information available from the Environment Agency website: <http://apps.environment-agency.gov.uk/wiyby/default.aspx>

2 Information available from British Geological Survey website: <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>

3 Information available from the Soilscales website: <http://www.landis.org.uk/soilscales/index.cfm>