

## Flood Risk Assessment (FRA) Submission Checklist

Site Details	
Development Site (Site Name and Address)	
Borough	
Date	
LPA Reference (if known, or for LPA)	
General Notes	

Flood Risk Assessment Requirements		Page / Section Reference	Submitted? (For LPA use)
<b>1</b>	<b>Site Details</b>		<input type="checkbox"/>
1.1 *	Information detailing the proposed development, including location, type of development, flood risk vulnerability classification, number of units and total site area (Ha).		<input type="checkbox"/>
1.2	Evidence demonstrating that the <a href="#">Sequential Test</a> , and where applicable the <a href="#">Exception Test</a> , have been applied, and successfully met, in the selection of the site.		<input type="checkbox"/>
1.3 *	Information on the expected lifetime of the proposed development and how that figure was estimated.		<input type="checkbox"/>
1.4 *	Information demonstrating that all forms of flooding, as discussed in <a href="#">Section 3</a> of the SFRA, were also analysed as part of the location suitability assessment of the site.		<input type="checkbox"/>
1.5	Details on the site's existing surface water drainage arrangements.		<input type="checkbox"/>
<b>2</b>	<b>Flood Risks and Climate Change</b>		<input type="checkbox"/>
2.1 *	Details on the Flood Risk Zone the site is located in, as established by the <a href="#">SFRA Interactive Web Maps</a> .		<input type="checkbox"/>
2.2 *	An analysis of all <a href="#">sources of flooding</a> which could affect the site, with information provided on how flooding from these sources may occur (provide historic information if possible).		<input type="checkbox"/>
2.3 *	Details of the probability of flooding occurring on site from all flood risk sources.		<input type="checkbox"/>
2.4 *	Information on the predicted depth and level for the design flood level for all relevant sources of flood risk		<input type="checkbox"/>
2.5 *	Details on how climate change is likely to alter flood risk at the site.		<input type="checkbox"/>

Flood Risk Assessment Requirements		Page / Section Reference	Submitted? (For LPA use)
<b>3</b>	<b>Development Proposal Details</b>		<input type="checkbox"/>
3.1 *	Full information on the site changes that will occur as a result of the proposed development, including hard-standing areas, landscaping and the nature of site usage.		<input type="checkbox"/>
3.2 *	Details of the overall number of occupants and / or people accessing the building or site, compared with the current use.		<input type="checkbox"/>
3.3	Evidence demonstrating that basements have been designed with internal access and egress to a higher floor above the design flood level (for development proposals that include basements).		<input type="checkbox"/>
3.4 *	Design plans showing floor levels relative to predicted flood depths (tidal, fluvial and / or surface water).		<input type="checkbox"/>
<b>4</b>	<b>Flood Risk Management</b>		<input type="checkbox"/>
4.1 *	Information on the greenfield, existing (if not greenfield) and proposed surface water flow rates, volumes and routes generated on site.		<input type="checkbox"/>
4.2 *	Full information on the <a href="#">SuDS</a> measures and management techniques proposed to protect the building(s) and site from flooding, factoring in the potential impacts of climate change.		<input type="checkbox"/>
4.3 *	Evidence demonstrating that the proposed flood mitigation measures will not increase flood risk outside of the development site.		<input type="checkbox"/>
4.4 *	Evidence demonstrating that the proposed methods will reduce flood risk at the site.		<input type="checkbox"/>
4.5	Evidence demonstrating that there will be no net loss of floodplain storage for all proposed developments in Flood Zone 3b and Flood Zone 3a (See 'Flood Compensation Storage' in Tables <a href="#">4-1</a> , <a href="#">4-2</a> , <a href="#">4-3</a> ).		<input type="checkbox"/>
4.6 *	Full information on the flood warning / alert and emergency plan designed for the proposed site, including egress and access, evacuation plans, and mitigation measures (see Tables <a href="#">4-1</a> , <a href="#">4-2</a> , <a href="#">4-3</a> ).		<input type="checkbox"/>
4.7	Information on the proposed resistance and / or resilience method(s) to address predicted flood depths (tidal, fluvial and / or surface water).		<input type="checkbox"/>
<b>5</b>	<b>Residual Risks</b>		<input type="checkbox"/>
5.1 *	Information on the flood related risks that will remain once the proposed flood mitigation measures have been implemented.		<input type="checkbox"/>
5.2 *	Details of how the risks will be managed over the development's lifetime, providing information on flood resilient / resistant designs and emergency planning.		<input type="checkbox"/>
<b>6</b>	<b>Additional Information</b>		<input type="checkbox"/>
6.1	Evidence of flood risk permit / consent for proposed development, if applicable (see 'Main River Buffer Zone' and 'Ordinary Watercourse Buffer Zone' in Tables <a href="#">4-1</a> , <a href="#">4-2</a> , <a href="#">4-3</a> ).		<input type="checkbox"/>

\* All sections marked with asterisk (\*) denote sections that are mandatory for all FRAs. Requirements not marked with an asterisk are circumstantial to the proposed development so may not be required. For guidance on producing a site-specific FRA, see [Section 4](#) of the SFRA.

*The key requirements of this FRA checklist have been developed based on the requirements set out in the PPG, primarily the information set out in the [Site-Specific FRA Checklist](#). Paragraph 31 of the PPG states that FRAs should be appropriate to the scale, nature and location of the proposed developments, and that they should be proportionate to the degree of flood risk. Therefore, the level of overall detail required depends on the identified flood risk, what type of development it is (e.g. Major development, Minor development or Change of Use / Changes to Prior Approvals), and what the development consists of (e.g. house extension, creation of new units, etc.).*