

WORTH ABBEY- FLOOD RISK ASSESSMENT

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1. Introduction

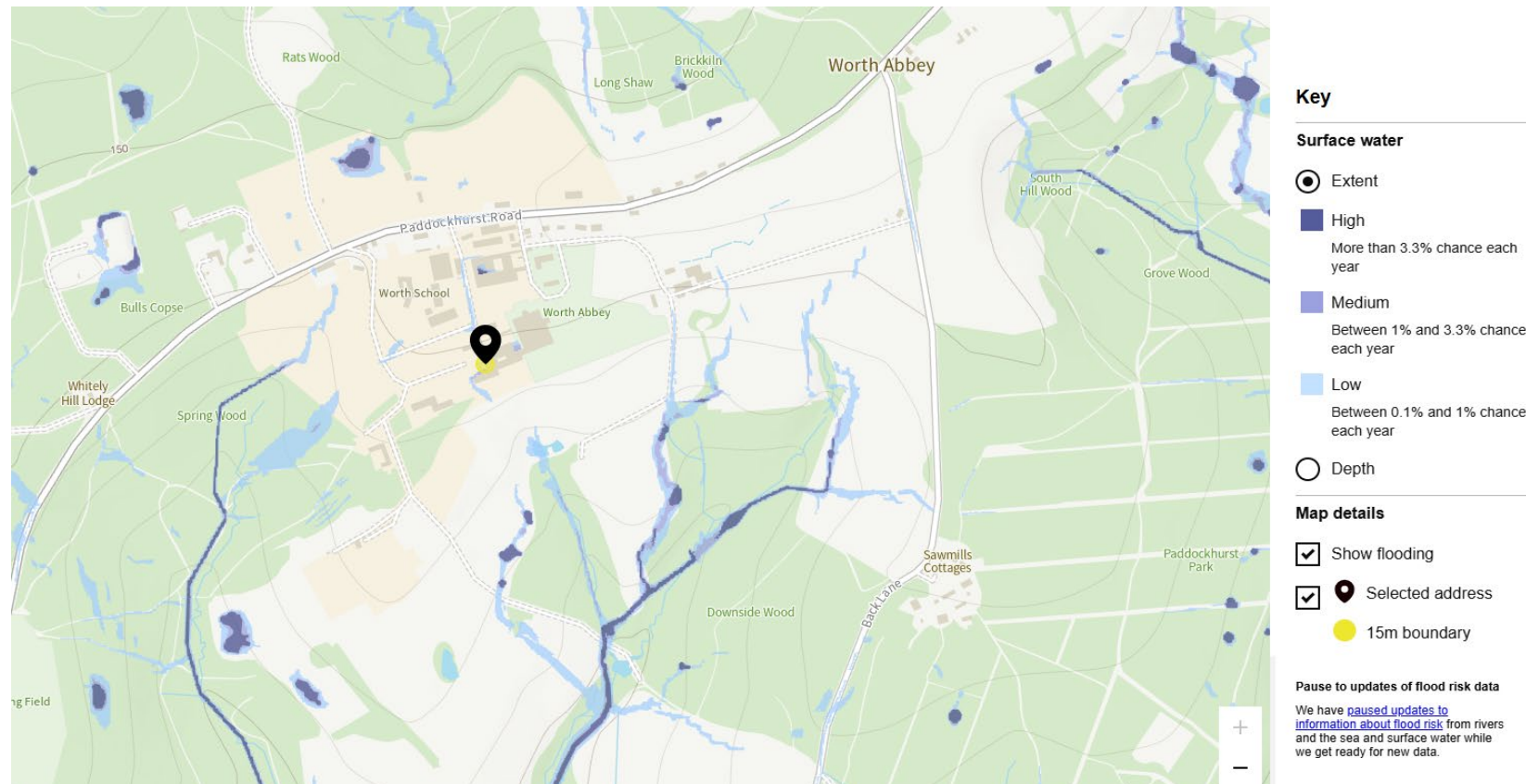
1.1 This is a flood risk assessment prepared to accompany the planning application at Worth Abbey, Paddockhurst Road, Turners Hill RH10 4SD.

2. Flood Risk

2.1 The Environmental Agency Flood Risk Checker for the property highlights the following:

Worth Abbey, Paddockhurst Road, Turners Hill, RH10 4SD	
Rivers and sea risk	Very Low risk Very low risk means that his area has a chance of flooding of less than 0.1% each year .
Surface water risk	Medium risk Medium risk means that his area has a chance of flooding of between 1% and 3% each year . Lead local flood authorities (LLFA) manage the risk from surface water flooding and may hold more detailed information.
Reservoir risk	Flooding from reservoirs is unlikely in this area.
Groundwater risk	Flooding from groundwater is unlikely in this area.

2.2 The Environment Agency Flood Risk from Surface water map can be seen below



3. Mitigation

3.1 With the location of the generator being highlighted as within a surface water flooding risk area, mitigation measures should be provided.

3.2 The mitigation measures proposed do not extend beyond those usually provided and would include:

- Provision of new drainage channels connected into current drainage system.
- Any surface water run-off will be controlled as near to its source as possible through the existing surface water management.
- The area under development is approximately 62 m² which is a concrete base. The area currently drains into the existing surface water drainage network across the estate.
- There is an existing separate surface water drainage network serving the site which is assumed to outfall to the wider school drainage network, which appears to terminate at ponds. It is proposed that the new building continues to discharge to these drains, as the existing site area does.