

Tom Hunt
Kirklees Metropolitan Borough Council
Development Management

Our ref: RA/2023/145845/01-L01
Your ref: 2023/62/90694/W

Date: 06 June 2023

By email: dc.admin@kirklees.gov.uk

Dear Tom

**ERECTION OF DETACHED DWELLING – ADJACENT 1 DEWHURST ROAD,
HUDDERSFIELD, HD2 1BW**

Thank you for consulting us on this application which we received on 17 May 2023.

Flood Risk

Our Flood Map for Planning shows the site lies within Flood Zone 3, with a high probability of flooding from rivers and/or the sea. The application is for a dwelling, which is considered to be a 'more vulnerable' land use in [Annex 3](#) of the National Planning Policy Framework. It is therefore necessary for the application to pass the Sequential Test and Exception Test and to be supported by a site-specific flood risk assessment (FRA), which can demonstrate that the 'development will be safe for its lifetime taking account of the vulnerability of its users, without increasing flood risk elsewhere, and, where possible, will reduce flood risk overall'.

Flood Risk Assessment

An FRA by Oakshire Environmental (Quantum Intelligent Trading Ltd), (un-referenced) and dated 3 May 2023 has been submitted in support of the application.

Environment Agency position

In the absence of an acceptable flood risk assessment (FRA) we object to this application and recommend that planning permission is refused.

Reasons

The submitted FRA does not comply with the requirements for site-specific flood risk assessments, as set out in paragraphs 20 to 21 of the Flood Risk and Coastal Change section of the planning practice guidance and its site-specific flood risk assessment checklist. The FRA does not therefore adequately assess the flood risks posed by the development. In particular, the FRA fails to:

- assess the impact of flood risk off-site
- use the most appropriate data to assess flood risk
- provide an appropriate level of freeboard for the development classification type

Overcoming our objection

To overcome our objection, the applicant should submit a revised FRA which addresses the points highlighted above.

If this cannot be achieved, we are likely to maintain our objection. Please re-consult us on any revised FRA submitted and we'll respond within 21 days of receiving it.

Assessment of flood risk on site

The FRA states that there is a significant difference in ground levels between the two nearest node points, which are located at the upstream and downstream ends of the culvert. Consequently, the FRA suggests that the modelled flood levels at these nodes are not considered to be representative of flood levels on the site. We disagree that the modelled flood level data is not representative of flood risk on the site, as the 1% AEP plus climate change extent inundates the development area. Please use the appropriate flood level node data for your assessment of flood risk.

Assessment of flood risk off-site

The FRA doesn't address the potential loss in floodplain storage volume and the requirement for compensatory storage, and not increasing the level of flood risk off-site.

Finished floor levels (FFLs) and flood sensitive equipment

The FFLs must be 600 mm above the 1% AEP plus climate change level.

Planning Advice Service

Please advise the applicant that if they would like to get further specific advice on how to overcome our objection, they can take advantage of our planning advice service. We can offer services including meetings, telecons and reviews of revised information prior to formal submission. We encourage the applicant to contact us directly to discuss this further.

We currently charge £100 plus VAT per officer per hour. We will provide you with an estimated cost for any further discussions or review of documents. The standard terms for our charged for service are available [here](#).

Sequential test - advice to LPA

What is the sequential test and does it apply to this application?

In accordance with the National Planning Policy Framework (paragraph 162), development in flood risk areas should not be permitted if there are reasonably available alternative sites, appropriate for the proposed development, in areas with a lower risk of flooding. The sequential test establishes if this is the case.

Development is in a flood risk area if it is in Flood Zone 2 or 3, or it is within Flood Zone 1 and your strategic flood risk assessment shows it to be at future flood risk or at risk from other sources of flooding such as surface water or groundwater.

The only developments exempt from the sequential test in flood risk areas are:

- Householder developments such as residential extensions, conservatories, or loft conversions
- Small non-residential extensions with a footprint of less than 250sqm
- Changes of use (except changes of use to a caravan, camping or chalet site, or to a mobile home or park home site)
- Applications for development on sites allocated in the development plan through the sequential test and:
 - the proposed development is consistent with the use for which the site was allocated; and
 - there have been no significant changes to the known level of flood risk to the site, now or in the future, which would have affected the outcome of the test.

Avoiding flood risk through the sequential test is the most effective way of addressing flood risk because it places the least reliance on measures such as flood defences, flood warnings and property level resilience.

Who undertakes the sequential test?

It is for you, as the local planning authority, to determine an appropriate area of search and to decide whether the sequential test has been passed, with reference to the information you hold on land availability. You may also ask the applicant to identify any other 'reasonably available' sites which are on the open market and to check on the current status of identified sites to determine if they can be considered 'reasonably available'. Further guidance on the area of search can be found in paragraphs 027-030 of the planning practice guidance [here](#).

What is our role in the sequential test?

We can advise on the relative flood risk between the proposed site and any alternative sites identified - although your strategic flood risk assessment should allow you to do this yourself in most cases. We won't advise on whether alternative sites are reasonably available or whether they would be suitable for the proposed development. We also won't advise on whether there are sustainable development objectives that mean steering the development to any alternative sites would be inappropriate. Further guidance on how to apply the sequential test to site specific applications can be found in the planning practice guidance: [Flood risk and coastal change - GOV.UK \(www.gov.uk\)](#).

Exception test – advice to LPA

The exception test should only be applied as set out in flood risk table 2 of the Planning Practice Guidance (PPG) following application of the sequential test. The exception test should not be used to justify the grant of planning permission in flood risk areas when the sequential test has shown that there are reasonably available, lower risk sites, appropriate for the proposed development.

In those circumstances, planning permission should be refused, unless you consider that sustainable development objectives make steering development to these lower risk sites inappropriate as outlined in PPG (ref ID: 7-031-20220825).

Our role in the exception test

The exception test is in two parts, described in the NPPF (paragraph 164). In order for the test to be passed it must be demonstrated that

1. The development would provide wider sustainability benefits to the community that outweigh flood risk; and
2. The development will be safe for its lifetime taking account of the vulnerability of its users, without increasing flood risk elsewhere, and, where possible, will reduce flood risk overall.

Paragraph 165 of the NPPF makes clear that both parts need to be met for the test to be satisfied. It is for the applicant to demonstrate this.

We provide advice on the second part of the test, but it is for you, as the local planning authority, to consider the first part of the test, accounting for the findings of the flood risk assessment and our flood risk advice, and to determine whether the test, overall, has been satisfied. Development that does not satisfy both parts of the exception test should be refused.

Where the flood risk assessment shows the development will be safe throughout its lifetime without increasing flood risk elsewhere

Even where a flood risk assessment shows the development can be made safe throughout its lifetime without increasing risk elsewhere, there will always be some remaining risk that the development will be affected either directly or indirectly by flooding. You will need to weigh these risks against any wider sustainability benefits to the community.

Should you require any further information or clarification, please contact me.

Yours sincerely

Bev Lambert
Sustainable Places - Planning Advisor

Telephone 020 3025 7982

Mobile 07833 234623

Direct e-mail bev.lambert@environment-agency.gov.uk

Team e-mail sp-yorkshire@environment-agency.gov.uk