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Via email

**Our ref:** EM - 13402

**Date:** 24 June 2021

Dear ██████████

**RE: Flood Map Challenge – Bradholme Farm Thorne**

Thank you for your recent letter dated 25 May 2021 (your ref: RM/NTW2654/03) in regards to the site at Bradholme Farm, Thorne.

We have addressed each of the questions raised within your letter under the headings below:

Flood Map Challenges (Flood Zones 3a and 2)

We refer back to our response on 16 April 2021 (Ref: EM – 12675) where it was stated that the Flood Zones are based on the combined undefended scenarios from multiple main river sources. We acknowledge the 1% AEP undefended flood event from the River Torne (2018) hydraulic modelling. However, the site is also within the undefended floodplain of the River Trent, as seen in Appendix C1 and C2 attached to our previous response. The 0.1% AEP River Trent undefended outline can be obtained by requesting it from [EMDenquiries@environment-agency.gov.uk](mailto:EMDenquiries@environment-agency.gov.uk) under a formal request for information.

As mentioned in our previous response, in order for Flood Zones 3a and 2 to be updated either new or updated detailed hydraulic modelling will need to be submitted. The modelling should represent the floodplains of both the South Soak Drain and River Trent in the absence of any flood defences.

Any modelling undertaken will need to be reviewed and approved by the Environment Agency. This can be achieved via submission of the information as part of a formal planning application to the Local Planning Authority or under our chargeable pre-application advice service.

Area Benefiting from Defences (ABD)

Since our last letter we have been made aware of a National level review of the published ABD dataset, the results of which are expected in early 2022. Until we know the outcome of this review we will be unable to undertake any further updates to this dataset. We can however confirm that the representation of the Areas Benefiting from Defences produced in your letter of 25 May 2021 appears to meet the criteria for

inclusion within the ABD GiS layer. As such, we would be able to review and update our published dataset to reflect this, pending the outcome of the National review.

We suggest you contact the Environment Agency (via the [EMDenquiries@environment-agency.gov.uk](mailto:EMDenquiries@environment-agency.gov.uk) inbox) in early 2022 to discuss the outcome of the review of the ABD dataset.

Yours sincerely



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