

From: Jane Wakeham

Sent: 10 August 2021 16:57

To: Joanna Vincent ; David Warman ; Paul Brown QC ; Emma Rodican-Jones

Subject: RE: RVR - Inspector | Response regarding RVR/07-01 [GATELEY-GHAM.FID26849]

Joanna

Thank you for your email.

You asked for confirmation regarding the version of the plans (RVR//07-1 or 2) that formed the basis of the modelling relied on in each of the Flood Risk Assessment Reports and RVR's floodplain compensation storage provision Inquiry notes. I have consulted Mrs Callaway and can advise as follows:

The rail level, culverts, and bridges represented in the model which informed the 2016 FRA are those shown in the long sections in RVR-07-2 (all dated June 2016). There were iterations of the modelling and design between 2014 and 2016 as the design was developed. However the RVR-07-2, June 2016, long sections match what was included in the final version of the model.

The 2021 modelling and FRA also account for the proposal to replace the section of flood defence embankment with flood wall downstream of Northbridge Street.

With regard to the preparation of Mrs Callaway's notes to the Inquiry, these are based on the rail level shown in the RVR-07-2 design drawings as used for the 2016/2021 FRA. Ground elevations have been sampled from the latest LIDAR (downloaded from data.gov.uk November 2020, Meta data shows the LIDAR covering the model extents was flown between 2017 and 2019).

Although the FRA did not take account of the technical drawings agreed with HE, there is no significant impact on the FRA because, as alluded to in paragraph 3 of the agreed note INQ/113, the predicted maximum flood levels are below the top of the embankment at this location.

I hope this provides everything the Inspector requires on this point.

Kind regards

Jane

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