



# Summary of Proof of Evidence of Mr. Colin Whittingham

## Hydrology

On behalf of Gladman Developments Ltd:

Objection References OBJ/229 & OBJ/231

881592-PoE-(03) Summary



FEBRUARY 2019



## RSK GENERAL NOTES

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OBJ/229 & OBJ/231

Proposal: Transport and Works Act 1992; Application for The Proposed Network Rail (East -West Rail Bicester To Bedford Improvements) Order

Location: Proposed compensational flood attenuations works on land to the East Great Horwood Road, Winslow (Route Section 2B)

Transport and Works Act 1992

Transport and Works (Applications and Objections Procedure) (England and Wales) Rules 2006

Transport and Works (Inquiries Procedure) Rules 2004

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Where field investigations have been carried out, these have been restricted to a level of detail required to achieve the stated objectives of the work.

This work has been undertaken in accordance with the quality management system of RSK LDE Ltd.

# 1 SUMMARY

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- 1.1.1 Compensatory Flood Storage Area (CFSA) Plot 0681, within Route Section 2B is located on land under the ownership of Gladman Developments Ltd. Accordingly, I have been asked by Gladman Developments Ltd, whom act on behalf of interested parties, to review the background information relating to the East West Rail Phase 2 project, in particular the compensatory flood storage area and associated compulsory purchase (under the Transport and Works Act Order) of approximately 0.65ha of land for Plot 0681.
- 1.1.2 Based on the description provided within the environmental information supporting the TWAO and subsequent information provided by the EWR Alliance, Plot 0681 is primarily intended to provide flood compensation for the works crossing Horwood Brook upstream of the site.
- 1.1.3 In terms of the siting of Plot 0681, I note the indicative hydraulic modelling of Horwood Brook and conclude that, at this point in time, insufficient information is available to fully assess the location of the CFSA and its efficiency in offsetting the lost flood plain upstream of the site.
- 1.1.4 In conclusion, at this stage, I consider there is insufficient evidence to fully justify the compulsory purchase of the land within Gladman Developments ownership and it would be justified to recommend further detailed modelling works to assess the validity of the location of CFSA Plot 0681.