

BRIEFING NOTE AND DATA REQUEST

JBA Project Code 2018s0874
Contract Water Cycle Study and Strategic Flood Risk Assessment Support at Local Plan Inspection
Client Aylesbury Vale District Council
Day, Date and Time 6 February 2019
Author Paul Eccleston
Reviewer / Sign-off
Subject Water Cycle Study and Strategic Flood Risk Assessment Additional Sites: Briefing note and data request to stakeholders.



1 Introduction

This note has been prepared to inform Risk Management Authorities and other stakeholders of ongoing work to prepare an addendum to the Aylesbury Vale Strategic Flood Risk Assessment (SFRA) and Water Cycle Study (WCS) to include three potential additional allocation sites. It is also a data request to stakeholders.

The Vale of Aylesbury Local Plan (VALP) underwent Inspection in Public during summer 2018. In line with the Inspector's Interim Findings and Discussion Document 5, the VALP housing target is being recalculated with a revised overall uplift which may bring the district housing total development figure down to 28,600. Adding a 5.2% buffer this takes the total development figure to 30,000 homes to 2033. Aylesbury Vale District Council (AVDC) will be presenting this figure to the Inspector shortly.

The updated commitments figure is 29,600 homes, as set out in the June 2018 Housing Land Supply Soundness document. 30,000-29,600 means there are only 400 homes to find and in line with the Inspector's views these will be around edge of Milton Keynes and Bletchley. The Council has choices to make on which sites it chooses to allocate at the Modifications stage. A higher level assessment has already discounted all sites bar three. The 3 sites the Council has decided to assess in detail have already been in the HELAA 2017 and are described overleaf.



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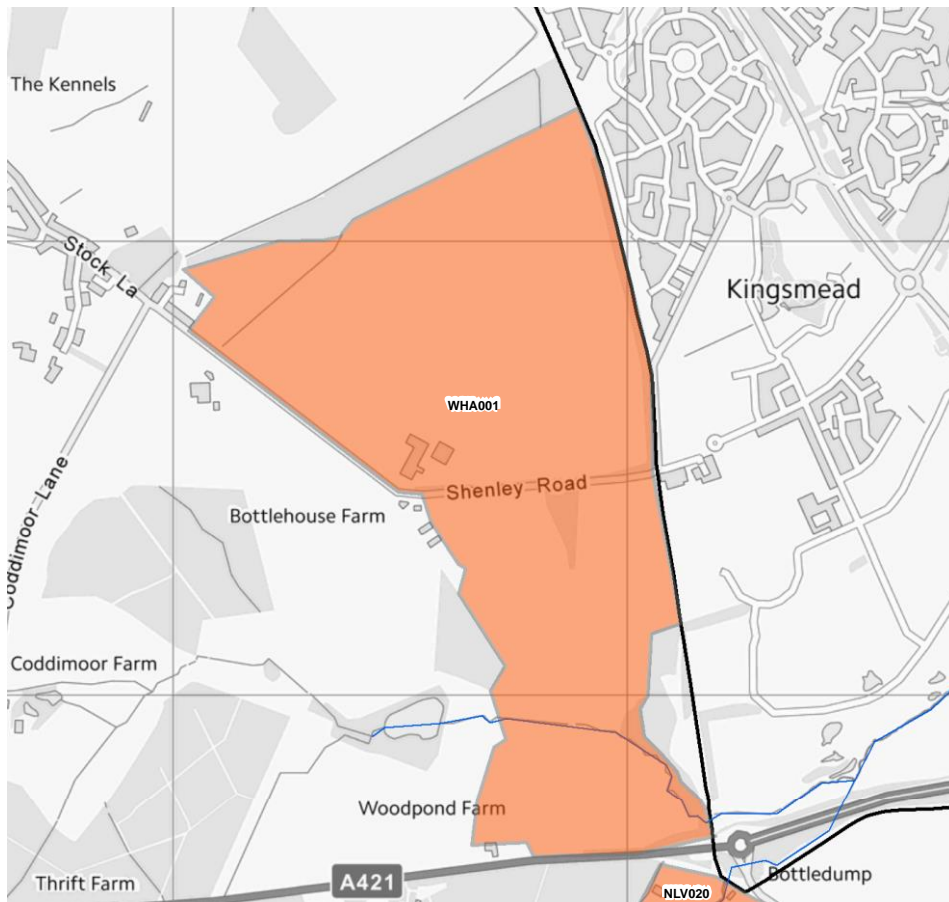
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2 The sites

2.1 NLV020: Salden Chase West

Location	South west of Milton Keynes.
Potential housing numbers	1,100
SFRA L2 required?	Yes, not assessed in the existing Level 2 SFRA.
WCS required?	Yes, not tested in the existing WCS.



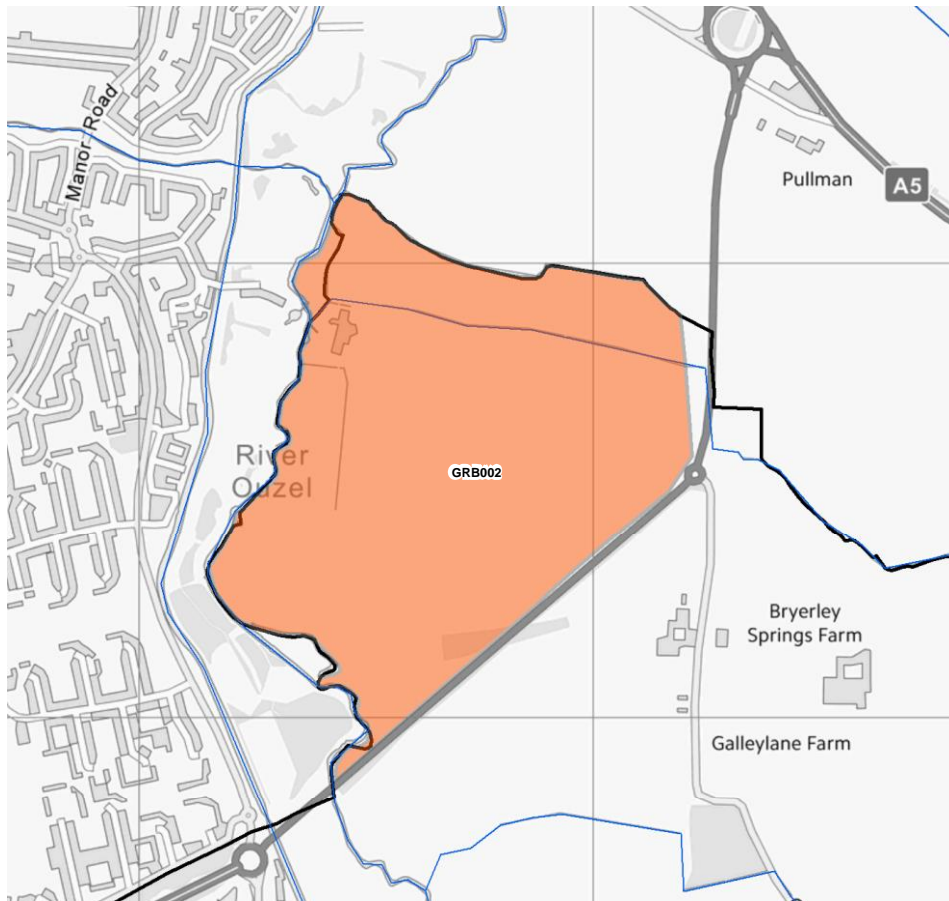
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2.2 WHA001: Shenley Park

Location	East of Bletchley.
Potential housing numbers	1,800
SFRA L2 required?	Yes, assessed in the existing Level 2 SFRA but additional assessment to model the Bedford Ground of IDBs watercourse #33 which crosses the site from east to west.
WCS required?	Yes, tested in the existing WCS (with 2,000 homes) but a retest required with updated housing numbers.



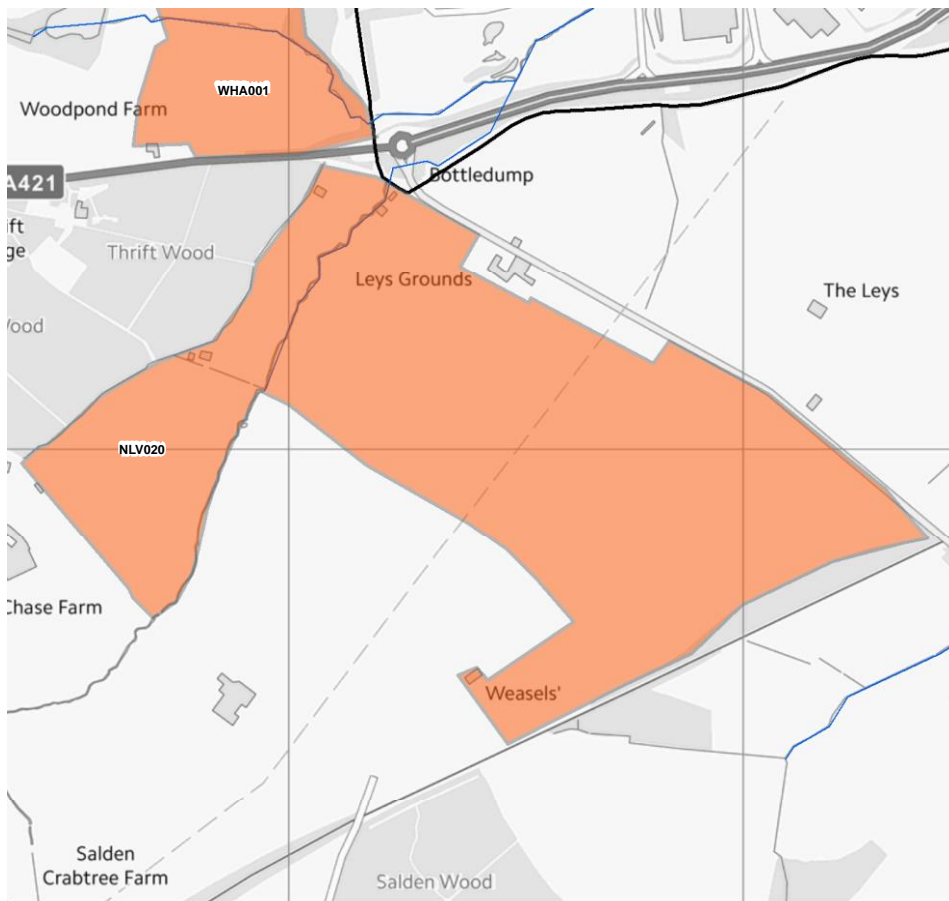
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2.3 GRB002: Eaton Leys South

Location	South west of Milton Keynes.
Potential housing numbers	1,200
SFRA L2 required?	Yes, not assessed in the existing Level 2 SFRA.
WCS required?	Yes, not tested in the existing WCS.



3 Stakeholders

This briefing note will be circulated to the following organisations:

- Anglian Water
- Aylesbury Vale District Council
- Bedford Group of Internal Drainage Boards
- Buckinghamshire County Council

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- Environment Agency
- Milton Keynes Council

4 Data request

4.1 Anglian Water

- We have added the three sites into the Anglian Water RAG assessment pro-forma. Please could you update this RAG assessment for these sites. Note that site WHA001 was tested in the existing WCS, so please review the RAG assessment for this site.
- Potential housing numbers for each of the three sites are given. Please also consider that the total cumulative growth would be expected to be 2,000 homes.
- The existing Aylesbury Vale WCS did not undertake a headroom assessment or water quality impact assessment of Cotton Valley WRC. Milton Keynes Borough Council has now undertaken a Water Cycle Study¹. Whilst it doesn't explicitly take into consideration growth within neighbouring local authorities, it does demonstrate that Cotton Valley has substantial volumetric capacity (equivalent to 54,507 homes, with 29,981 homes anticipated over the Plan MK period). Cotton Valley would also be able to avoid causing a deterioration in water quality, with the application of tighter water quality permits within what is achievable using conventional treatment technologies. On this basis, we consider that there is sufficient evidence in the Milton Keynes WCS to indicate that there is sufficient capacity at Cotton Valley to accommodate 2,000 additional homes in AVDC. **Does Anglian Water agree that there is sufficient evidence in the Milton Keynes WCS and in its own assessments to confirm that there is adequate capacity to accommodate flows from 2,000 additional homes within AVDC?**

4.2 Bedford Group of Internal Drainage Boards

- Do you have any site-specific flood risk information relating to the three additional sites?
- JBA will be preparing a simple JFLOW model of IDB watercourse 33 as it flows east to west across site GRB002. Do you have any specific information about the capacity of this channel, e.g. channel cross-section survey and or models?

4.3 Buckinghamshire County Council

- Do you have any site-specific flood risk information relating to the three additional sites?

4.4 Environment Agency

- The existing Aylesbury Vale WCS did not undertake a headroom assessment or water quality impact assessment of Cotton Valley WRC. Milton Keynes Council has now

¹ Milton Keynes Council (2018) Water Cycle Study. https://www.milton-keynes.gov.uk/assets/attach/50153/Milton%20Keynes%20Water%20Cycle%20Study%202017_Final%20for%20iss ue.pdf

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Does the Environment Agency agree that there is sufficient evidence in the Milton Keynes WCS to confirm that there is adequate capacity to accommodate flows from 2,000 additional homes within AVDC?

4.5 Milton Keynes Council

- Our understanding is that the Milton Keynes Water Cycle Study did not assess growth contributions to Cotton Valley WRC from Aylesbury Vale or other neighbouring Local Authorities. Please could you confirm whether this was the case?