

Growing Baldock

Environmental Statement Addendum Volume 1: Text
Chapter 10: Hydrology and Flooding



May 2026

Urban&Civic

Hertfordshire



10.1 INTRODUCTION

- 10.1.1 This chapter has been prepared by AKT II and reviews the revisions to the Proposed Development in relation to any changes to impacts on Hydrology and Flooding reported in the original ES, and the requests for additional information in respect of Hydrology and Flooding under Regulation 25 of the EIA Regulations.
- 10.1.2 This assessment should be read alongside the assessment within Chapter 10 of the Environmental Statement (ES) submitted in October 2025.

10.2 RESPONSE TO REGULATION 25 REQUEST

- 10.2.1 The table below summarises the Regulation 25 requests for additional information and specifically the issues raised by consultees in relation to Hydrology and Flooding issues and how the chapter responds to them.

Table 10.1: Regulation 25 Requests Summary

Commentary from Reg. 25 Request	Response from Applicant
Local Lead Flood Authority (LLFA) The incorrect CV value of 0.95 has been applied in the calculations (we would expect a value of 1 to be used)	All calculations within the Drainage Strategy Report (Appendix 10.1 of the Environmental Statement Addendum) have been updated to use a C_v value of 1. This has been clarified in Section 5.2.1 of the Drainage Strategy (on Page 10) and the updated calculations using this value are contained in Appendix B (pages 37-94).
Local Lead Flood Authority (LLFA) In addition, a 5% allowance for urban creep has been included – we would typically expect this figure to be justified as Point 3.33 of the National Standards for SuDS requires the use of a 10% allowance.	The Urban Creep factor in all calculations within the Drainage Strategy Report (Appendix 10.1 of the Environmental Statement Addendum) has been increased from 5% to 10%. The Urban Creep factor has been applied to the individual residential plots only. This has been clarified in Section 5.2.1 of the Drainage Strategy (on Page 10), Section B.5 (page 34) and the updated calculations for the residential plots using this value are contained in Appendix B (pages 37-72).

10.3 UPDATE TO BASELINE CONDITIONS / ASSESSMENT METHODOLOGY

10.3.1 No changes to the baseline that were not accounted for in the original ES Chapter 10.

10.3.2 No changes to the assessment methodology have been made.

10.4 ASSESSMENT OF SCHEME AMENDMENTS

- 10.4.1 The updated Drainage Strategy does not propose any amendments to the scheme; and the minor amendments to the Development Specification has no implications for hydrology and flooding. Therefore the conclusions of the original ES still apply.

10.5 MITIGATION MEASURES

- 10.5.1 The updated Drainage Strategy Report does not propose additional mitigation measures beyond those considered in the original ES.

10.6 RESIDUAL EFFECTS

Construction Stage

- 10.6.1 No changes to the effects reported in the original outline ES chapter are anticipated.

Post-Completion Stage

- 10.6.2 No changes to the effects reported in the original outline ES chapter are anticipated.